

## Appendix III - Acoustic Guitar String Graphs

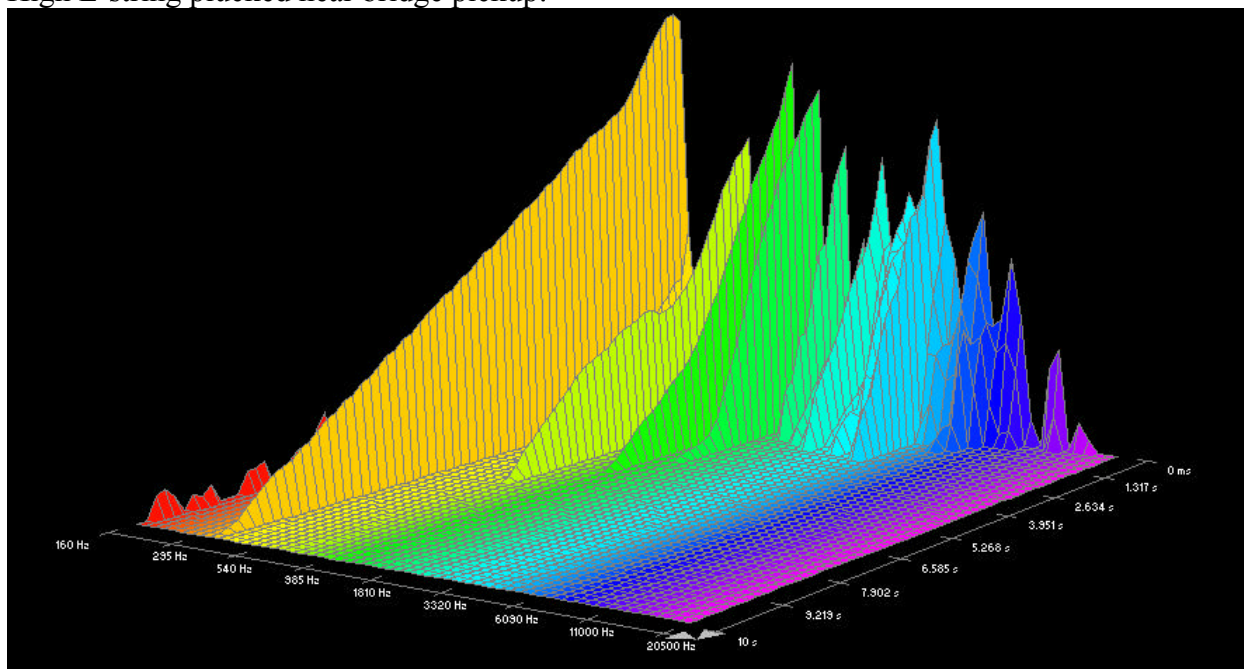
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<b>D'addario</b>		<b>2</b>
	Plain	2
	Brass-Plated Steel (BPL)	4
	Flat Tops (FT)	6
	Coated 80/20 (EXPBW)	10
	Coated Phos Bronze (EXPPB)	14
	Half Round (HRG)	18
	Nickel Wound	22
	Phosphor Bronze	27
	Bronze Wound	31
	Silk & Steel (Folk)	35
	Round Wound Stainless Steel	39
	85/15 Bronze Wound (ZW)	43
<b>Dean Markley</b>		<b>47</b>
	Blue Steel Cryogenic	47
	Formula 82R	53
	Phosphor Bronze	59
	Vintage Bronze	65
<b>Elixir</b>		<b>71</b>
	Nanoweb	71
	Polyweb	75
<b>Fender</b>		<b>81</b>
	80/20 Bronze	81
<b>GHS</b>		<b>87</b>
	Bright Bronze	87
	Infinity Bronze	93
<b>Martin</b>		<b>99</b>
	80/20 Bronze SP, 1.5 Week Old	99
	80/20 Bronze SP, New	105
	Cryogenic Bronze Wound	111
	Marquis 80/20 Bronze	117
	Marquis Phosphor Bronze	123
	Phosphor Bronze SP	129
	SP+ 80/20	135
	SP+ Phosphor Bronze	141

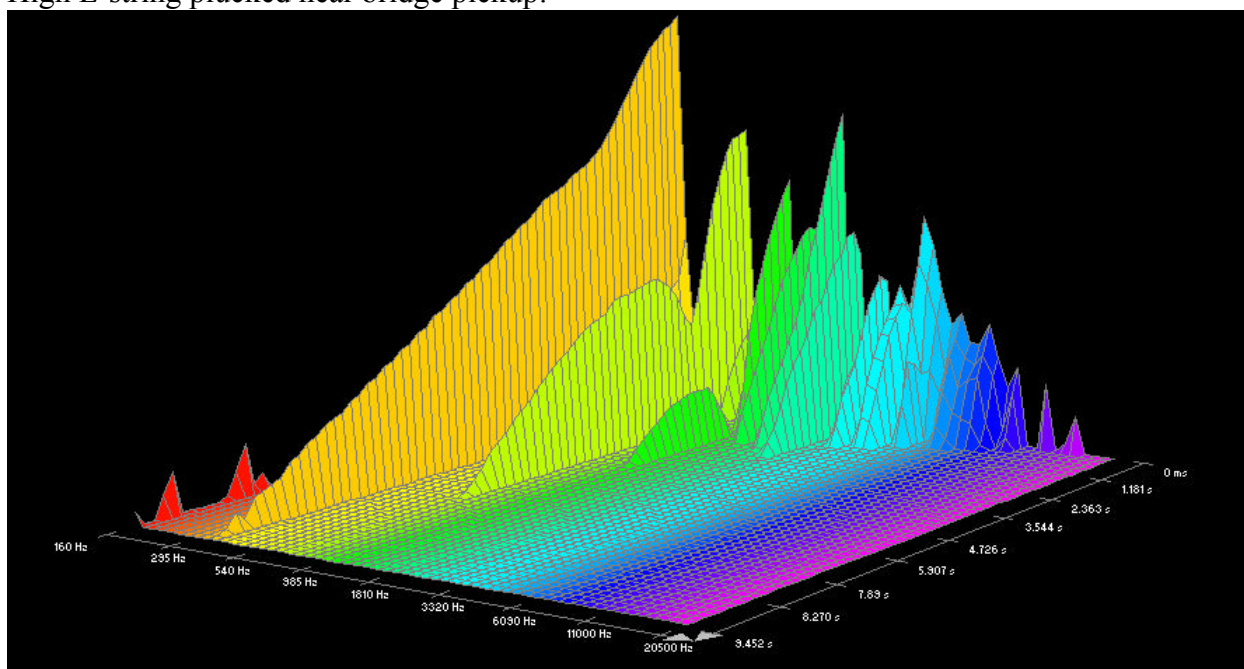
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### D'addario Plain Strings:

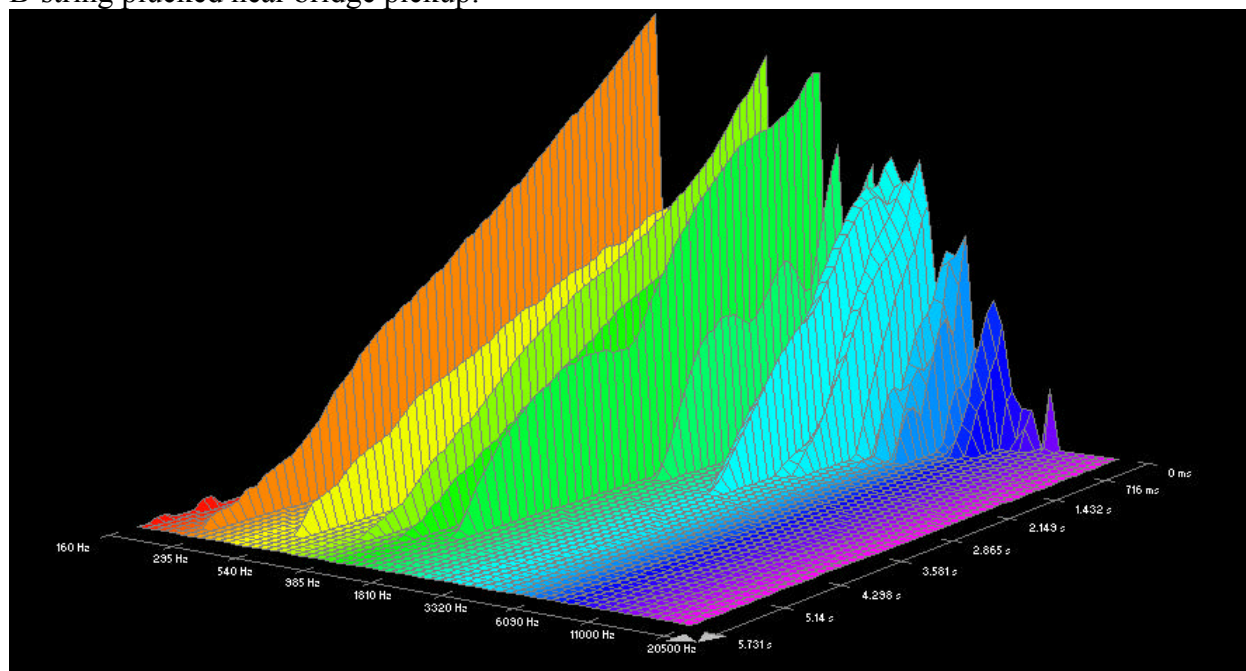
High E-string plucked near bridge pickup:



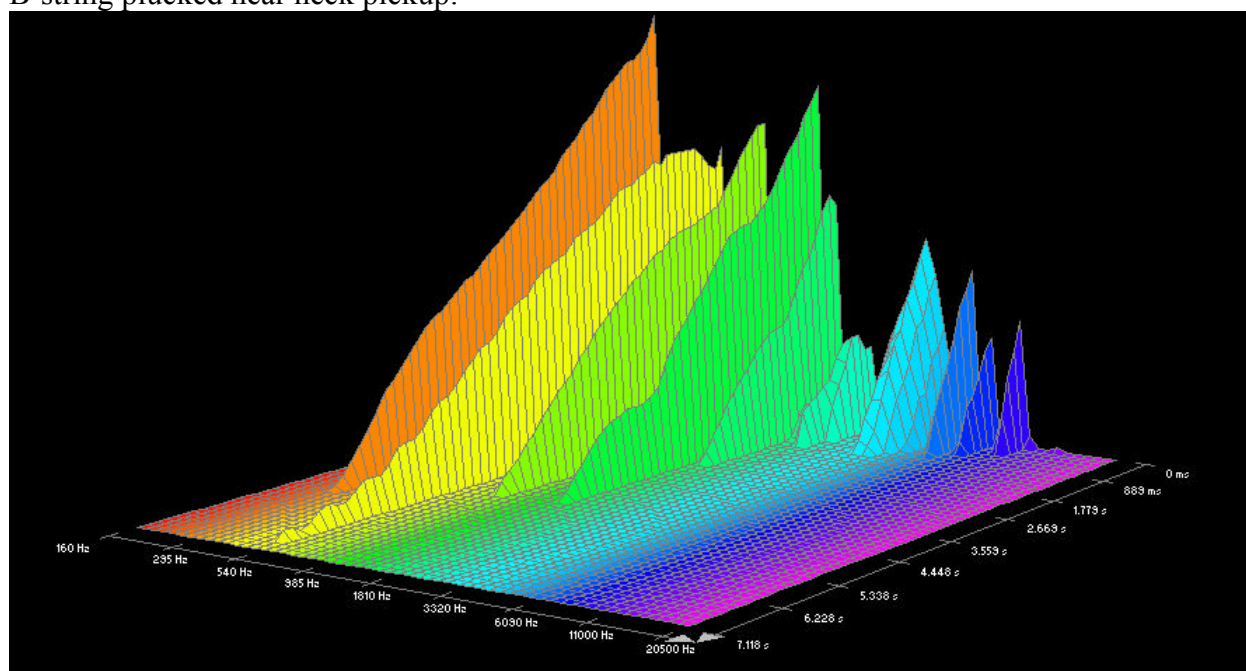
High E-string plucked near bridge pickup:



B-string plucked near bridge pickup:

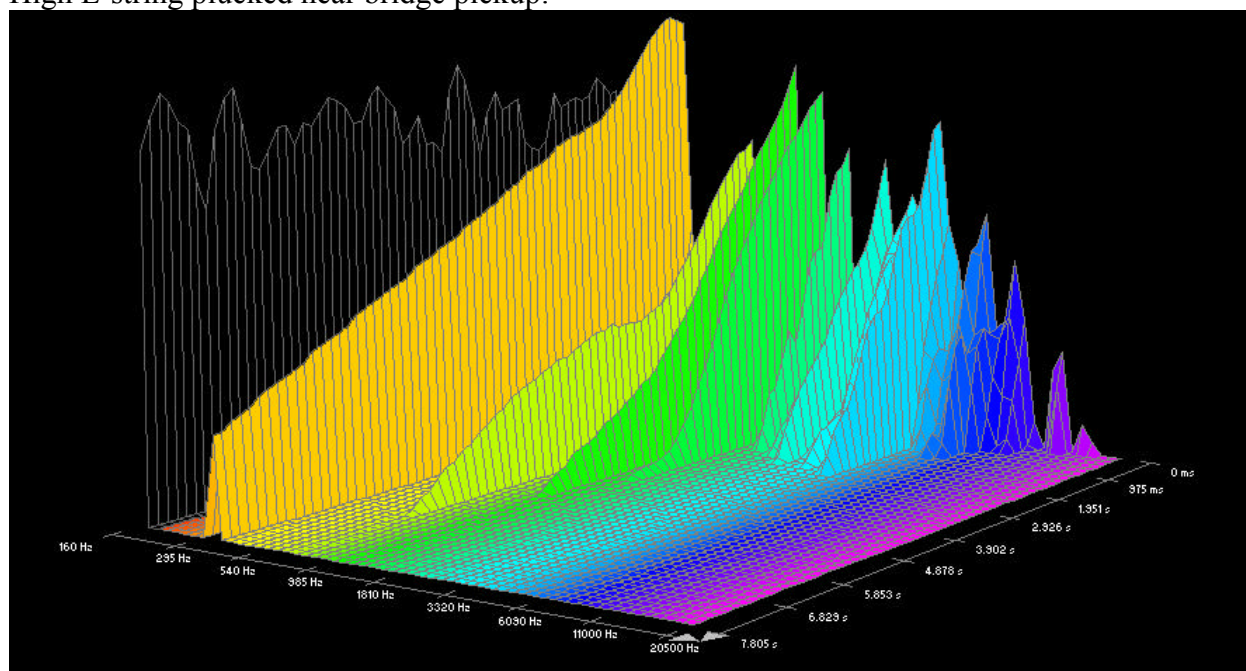


B-string plucked near neck pickup:

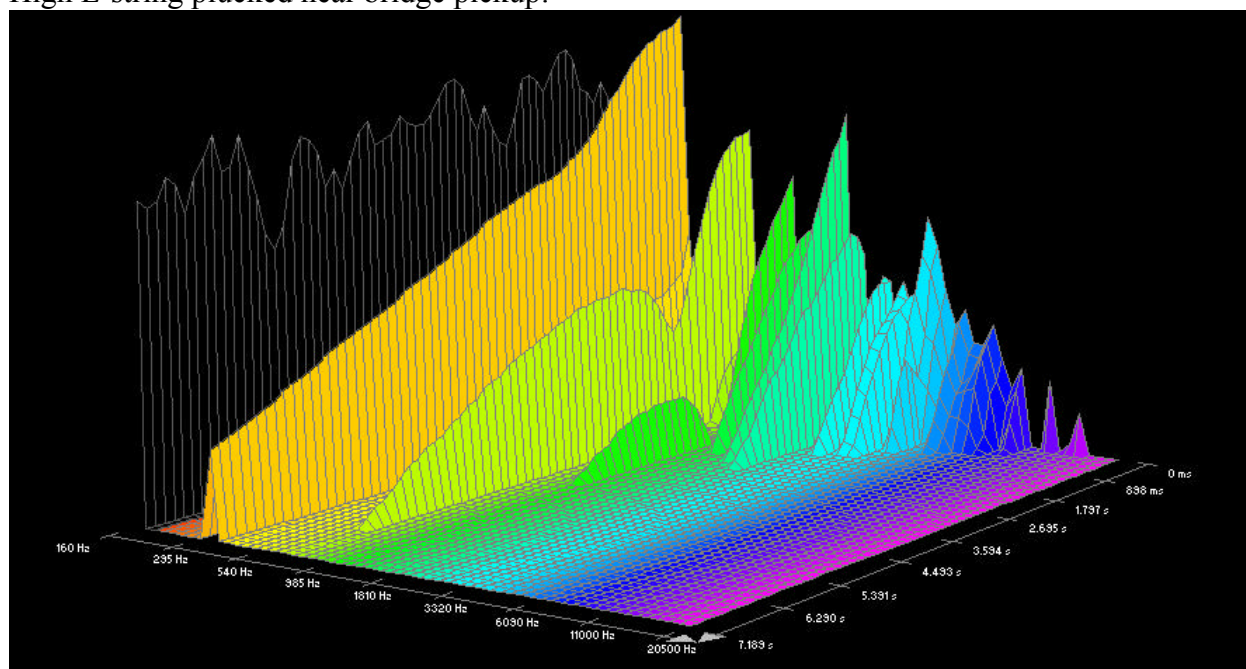


## D'addario Brass-Plated Steel:

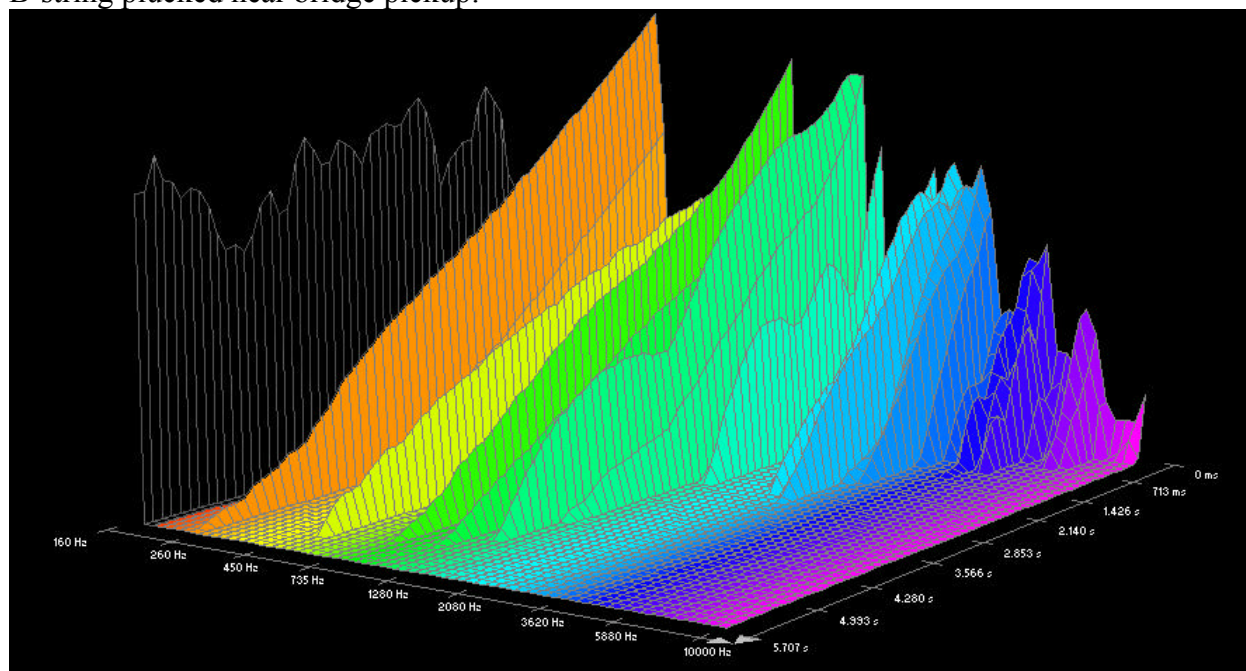
High E-string plucked near bridge pickup:



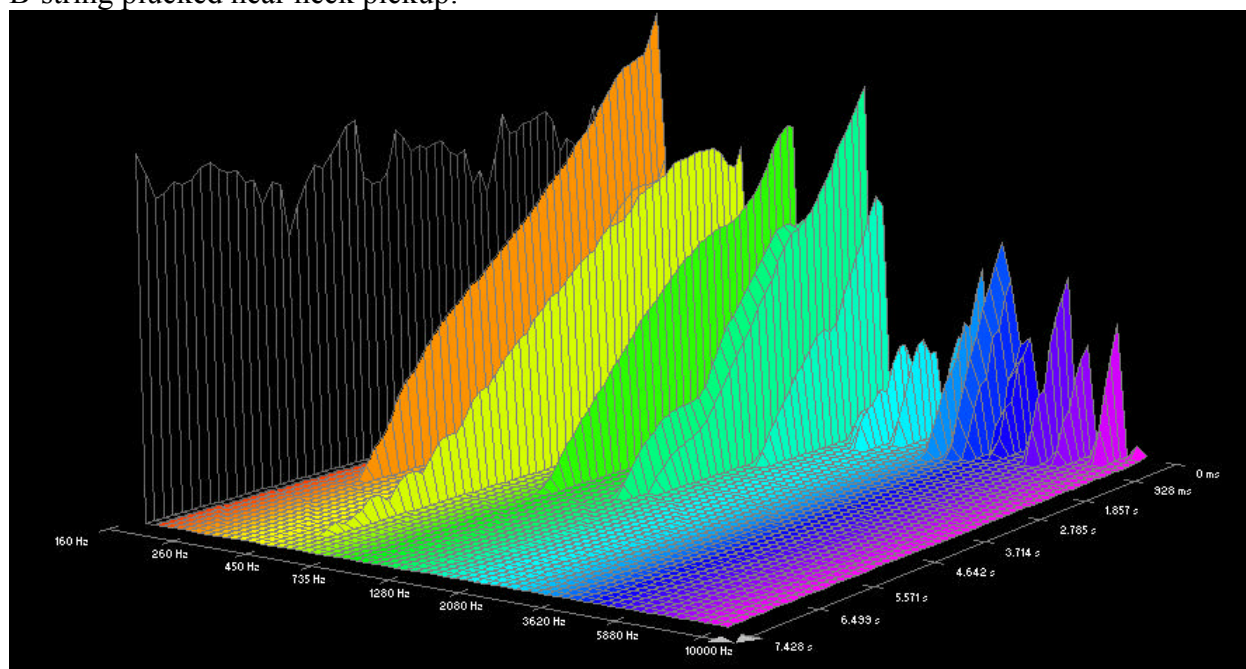
High E-string plucked near bridge pickup:



B-string plucked near bridge pickup:

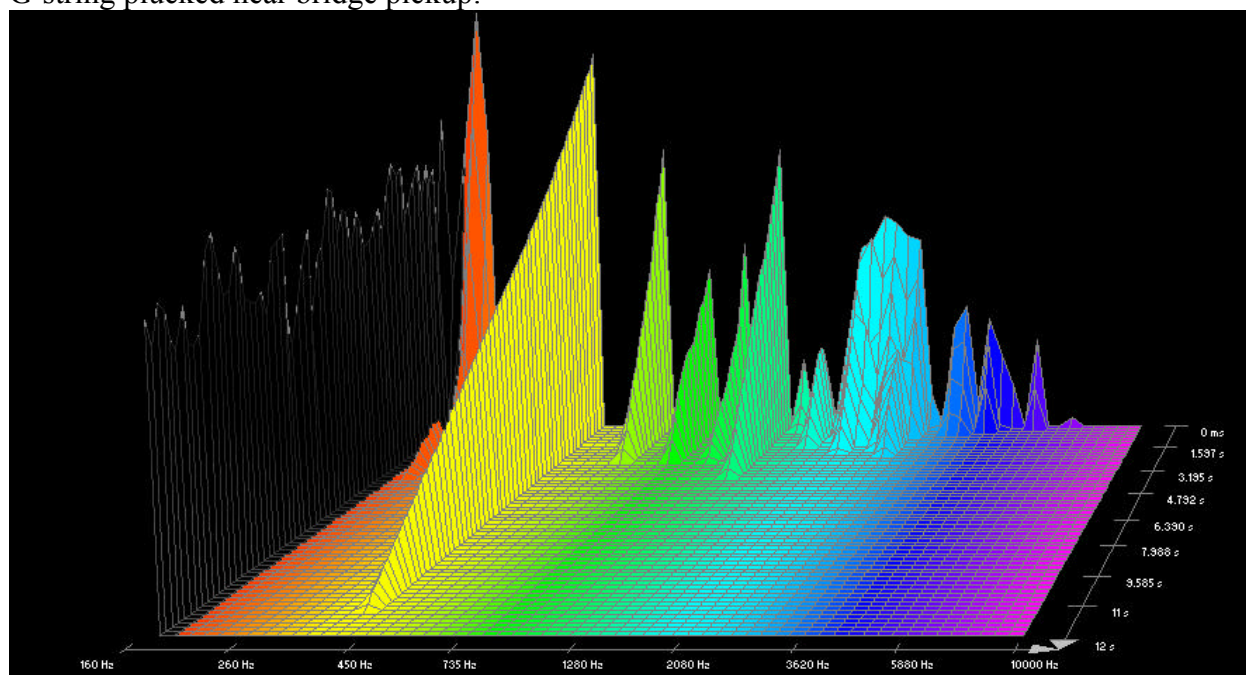


B-string plucked near neck pickup:

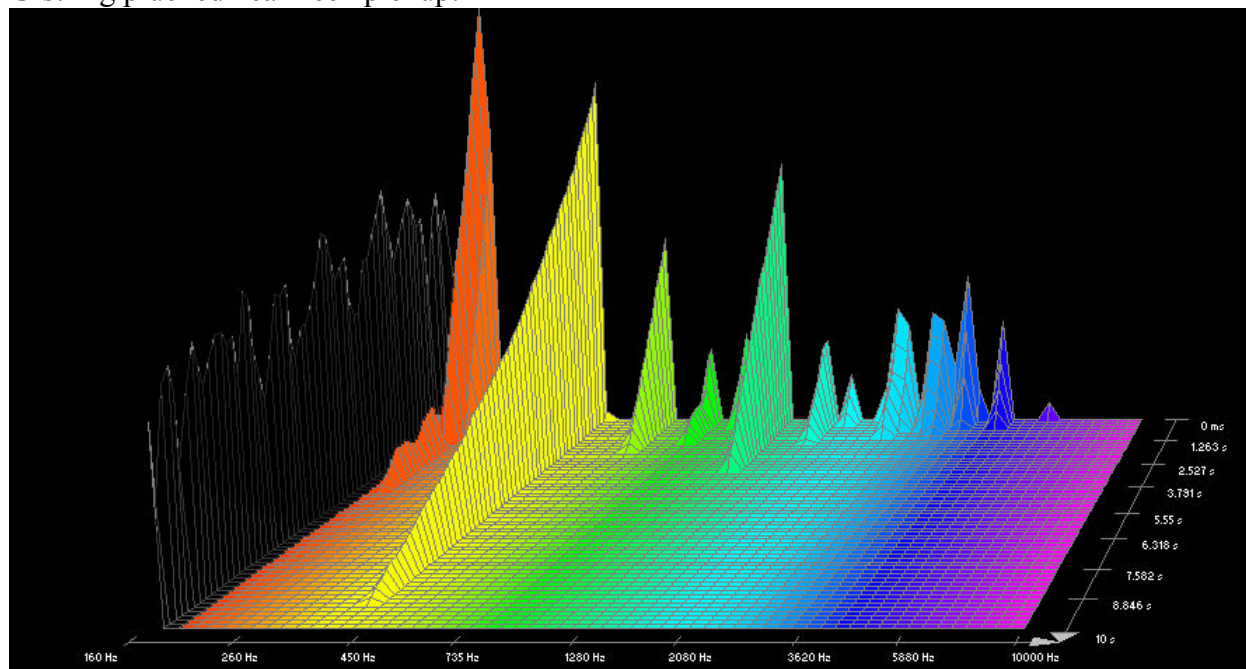


## D'addario Flat Tops:

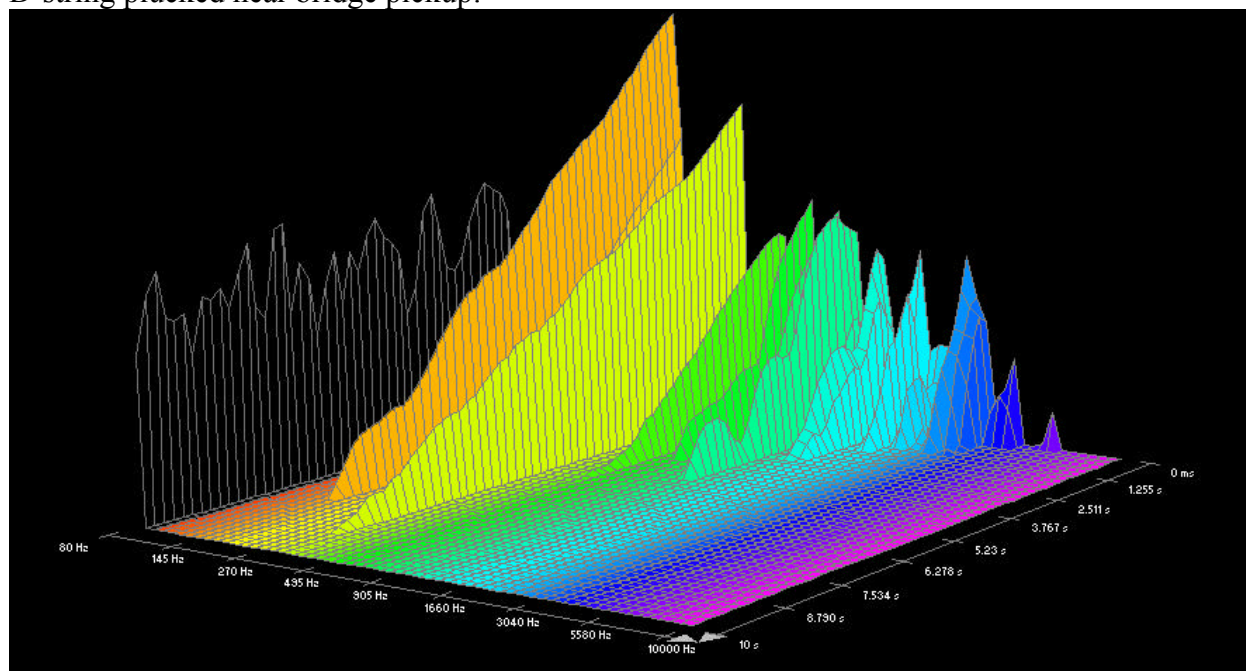
G-string plucked near bridge pickup:



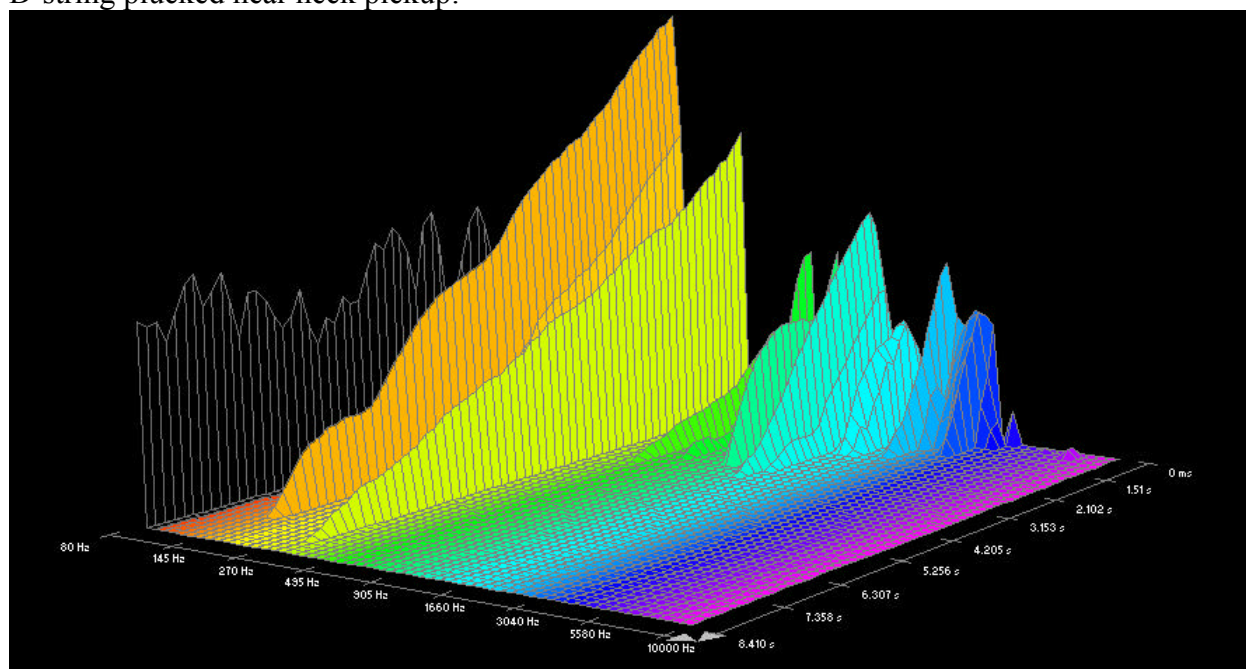
G-string plucked near neck pickup:



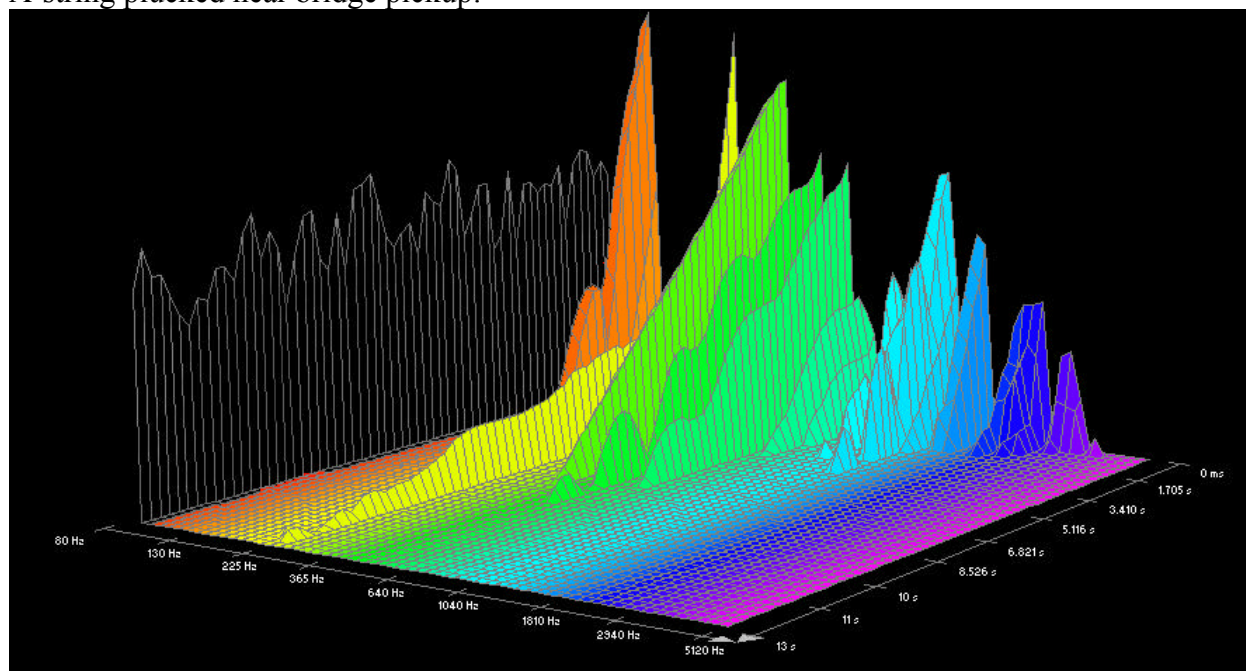
D-string plucked near bridge pickup:



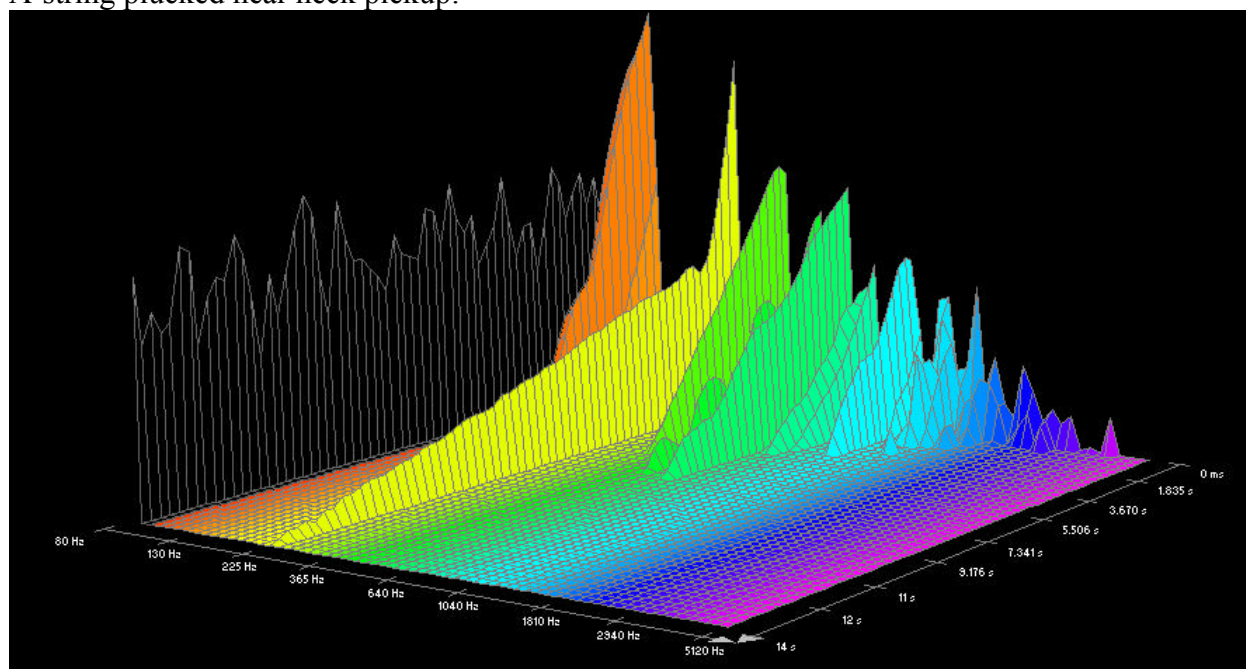
D-string plucked near neck pickup:



A-string plucked near bridge pickup:

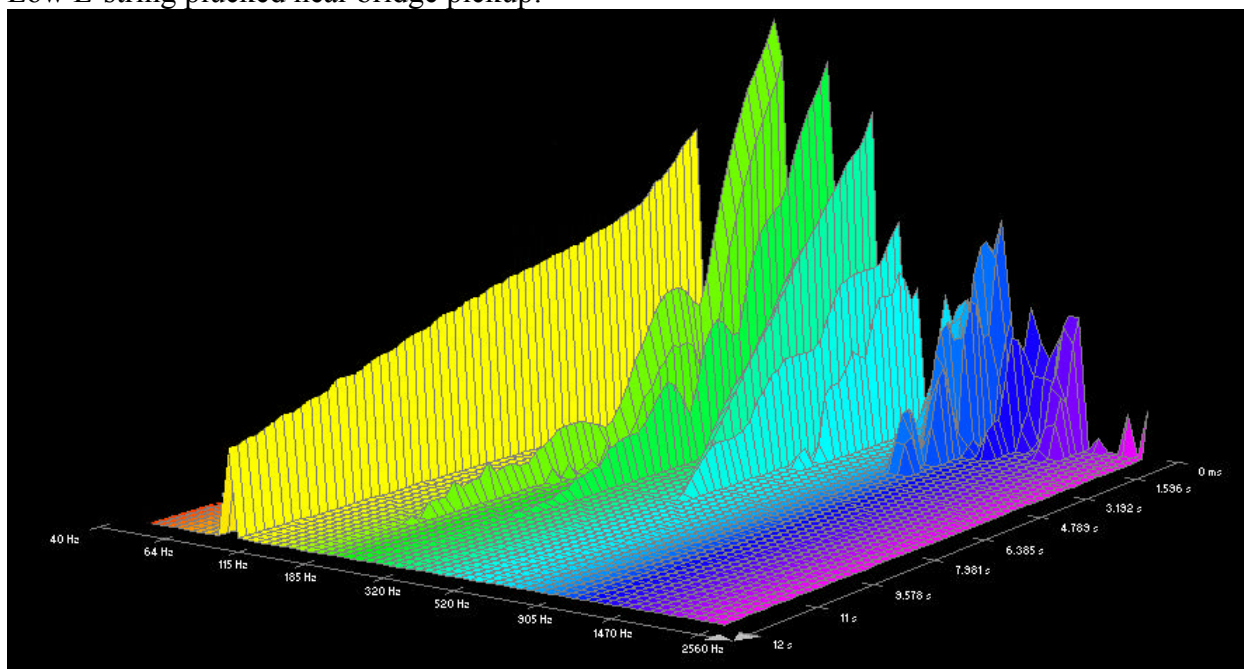


A-string plucked near neck pickup:

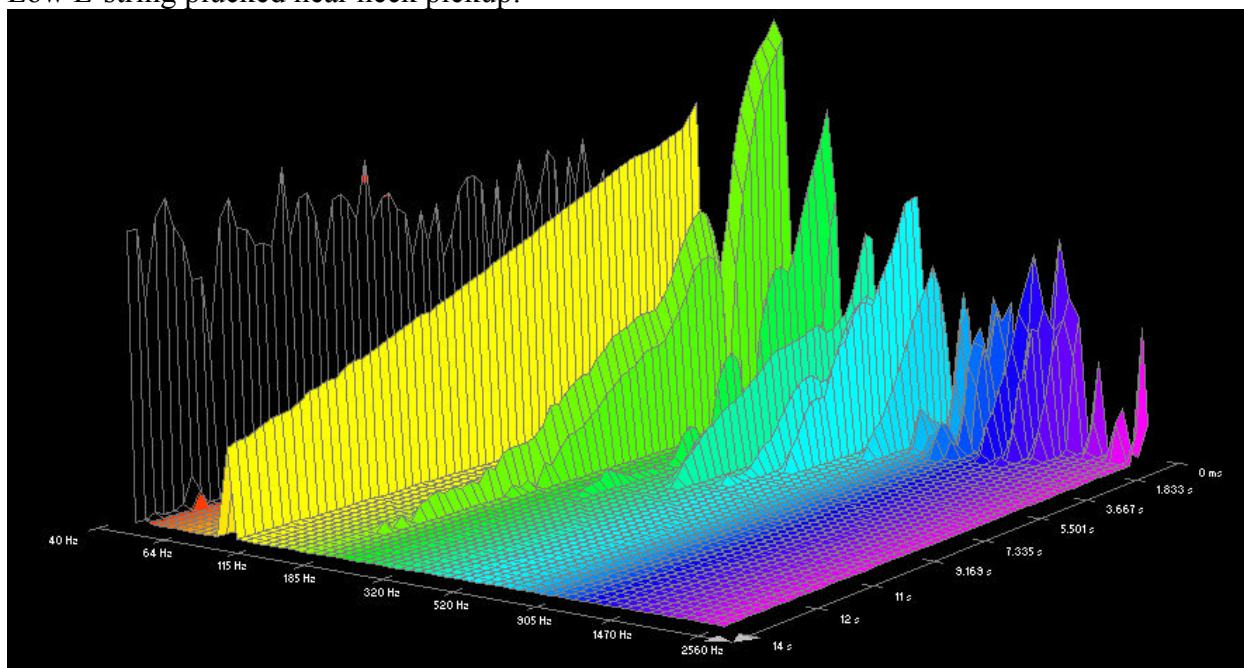




Low E-string plucked near bridge pickup:

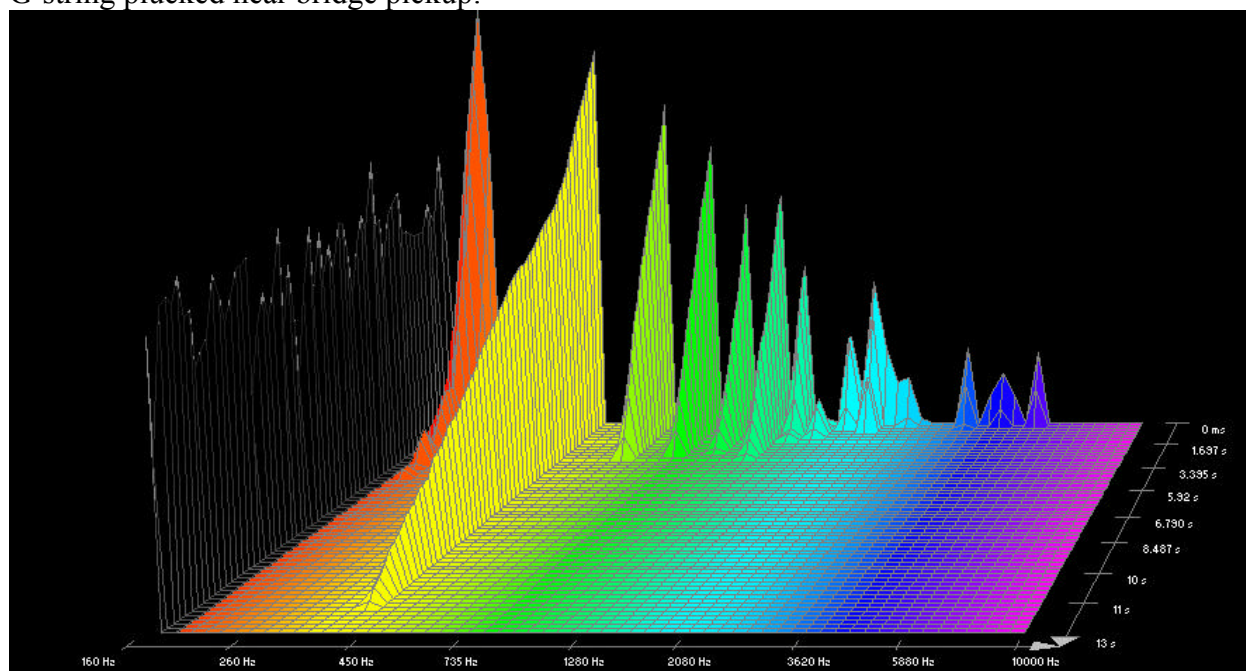


Low E-string plucked near neck pickup:

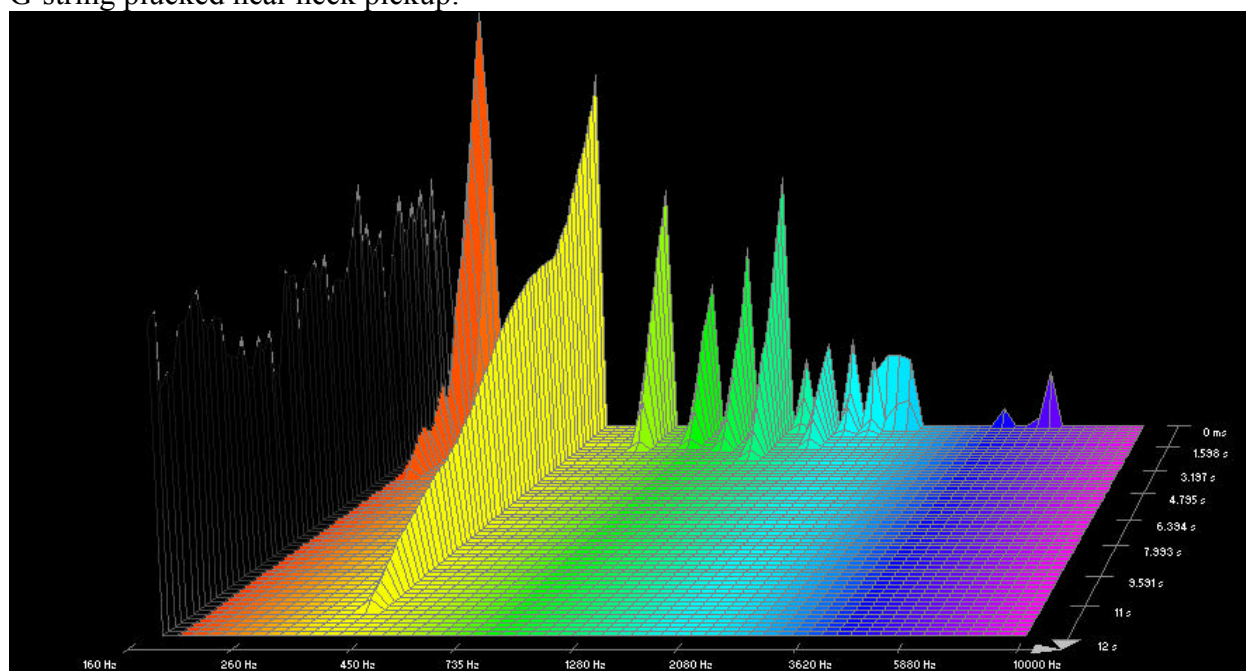


## D'addario EXPBW:

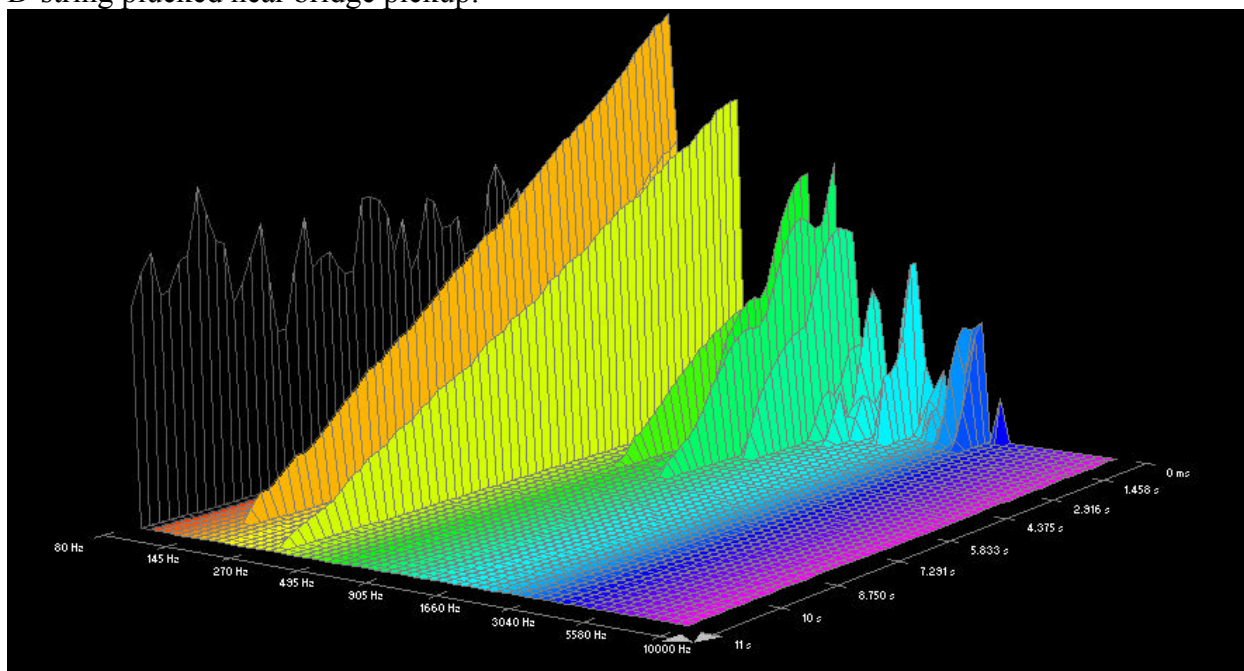
G-string plucked near bridge pickup:



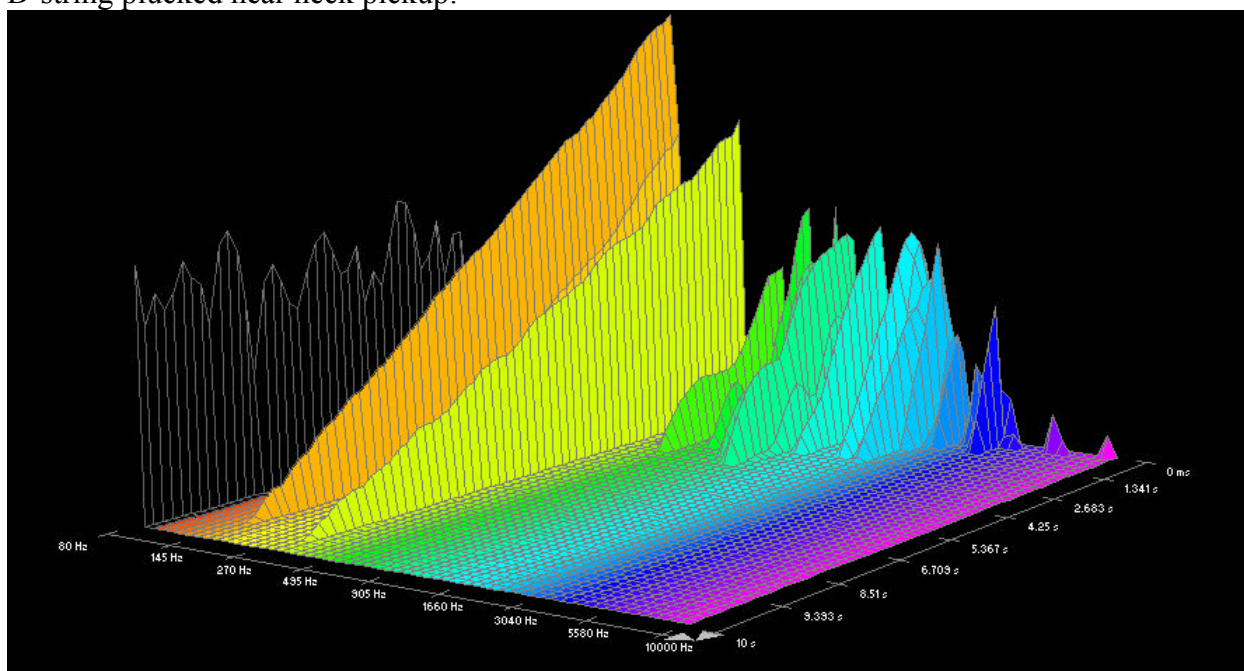
G-string plucked near neck pickup:



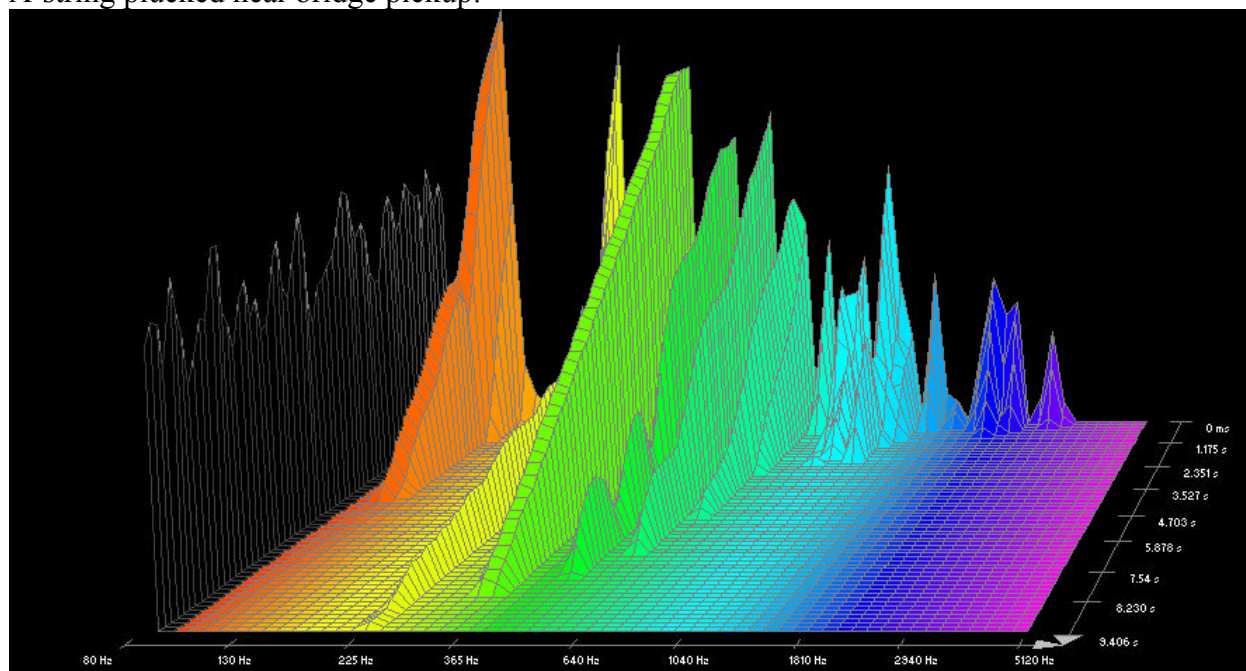
D-string plucked near bridge pickup:



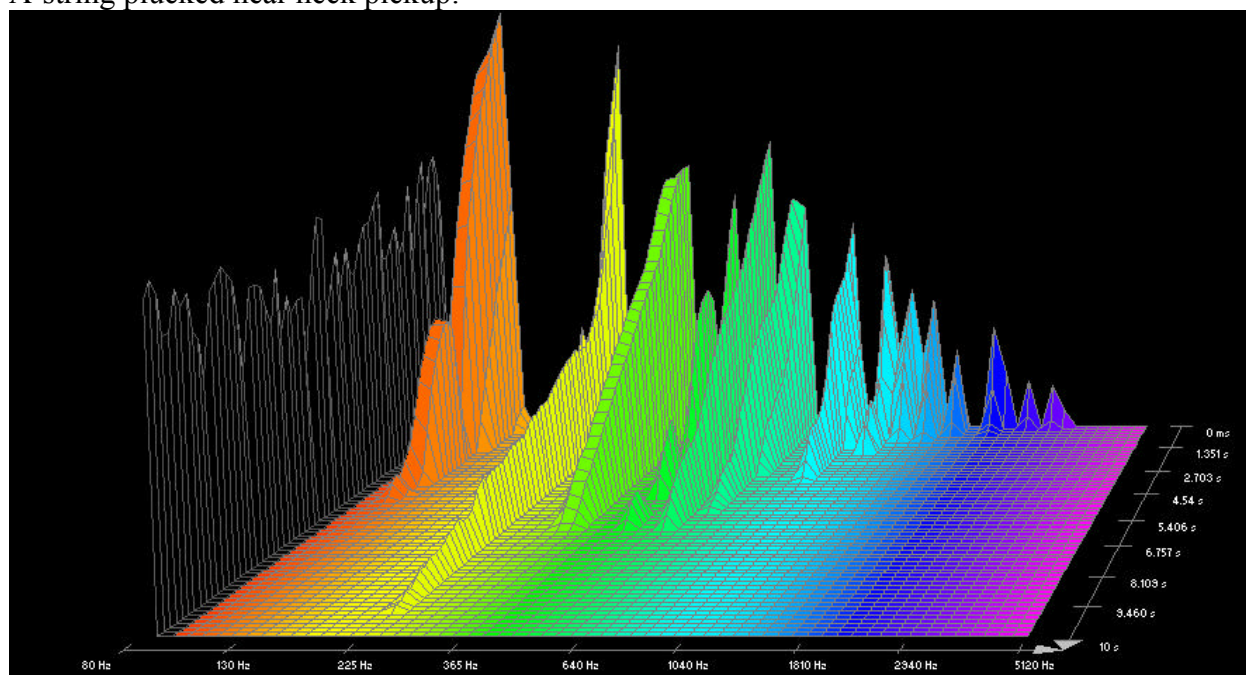
D-string plucked near neck pickup:



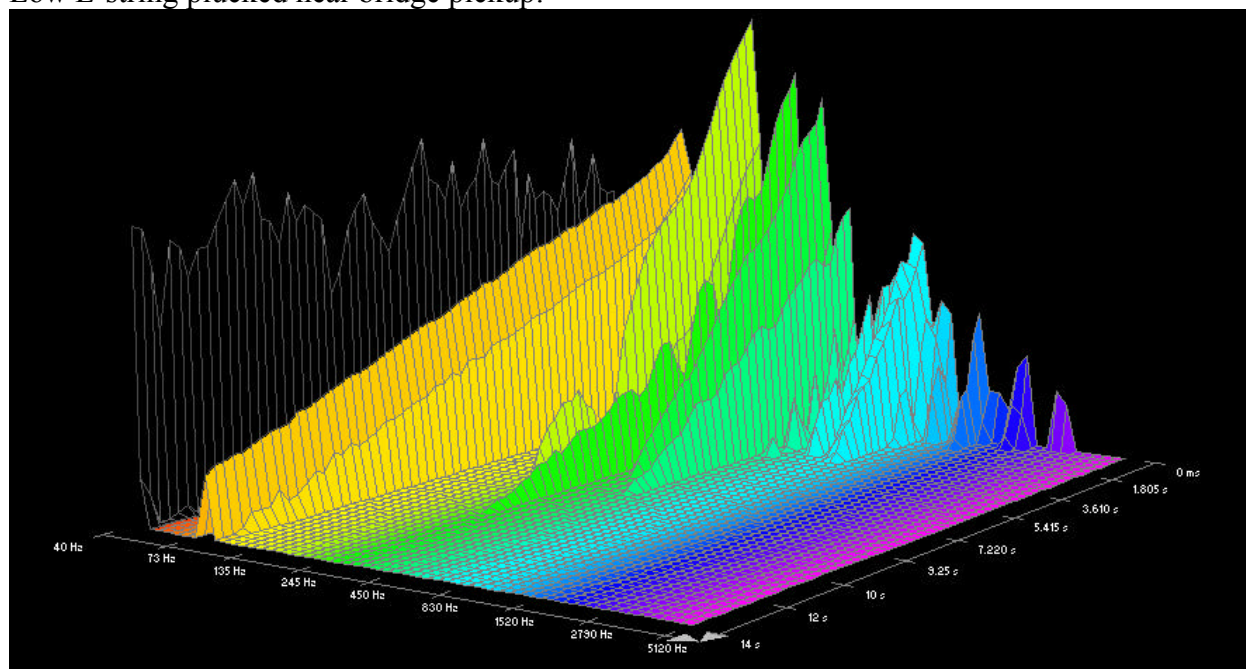
A-string plucked near bridge pickup:



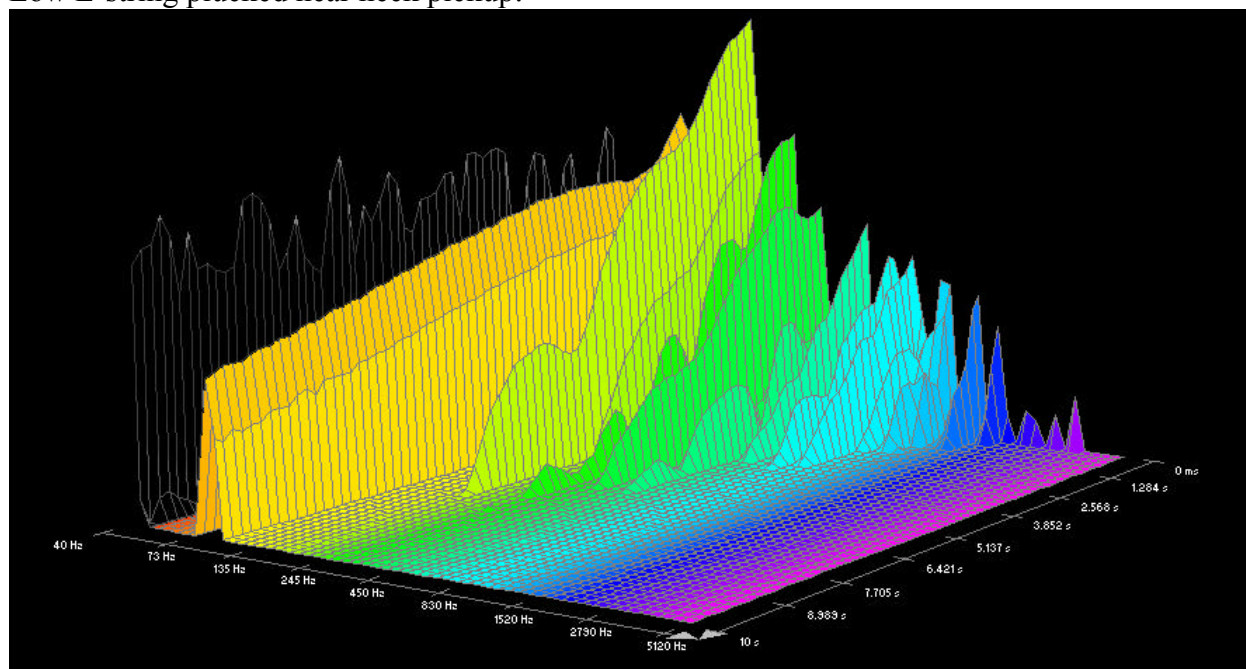
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

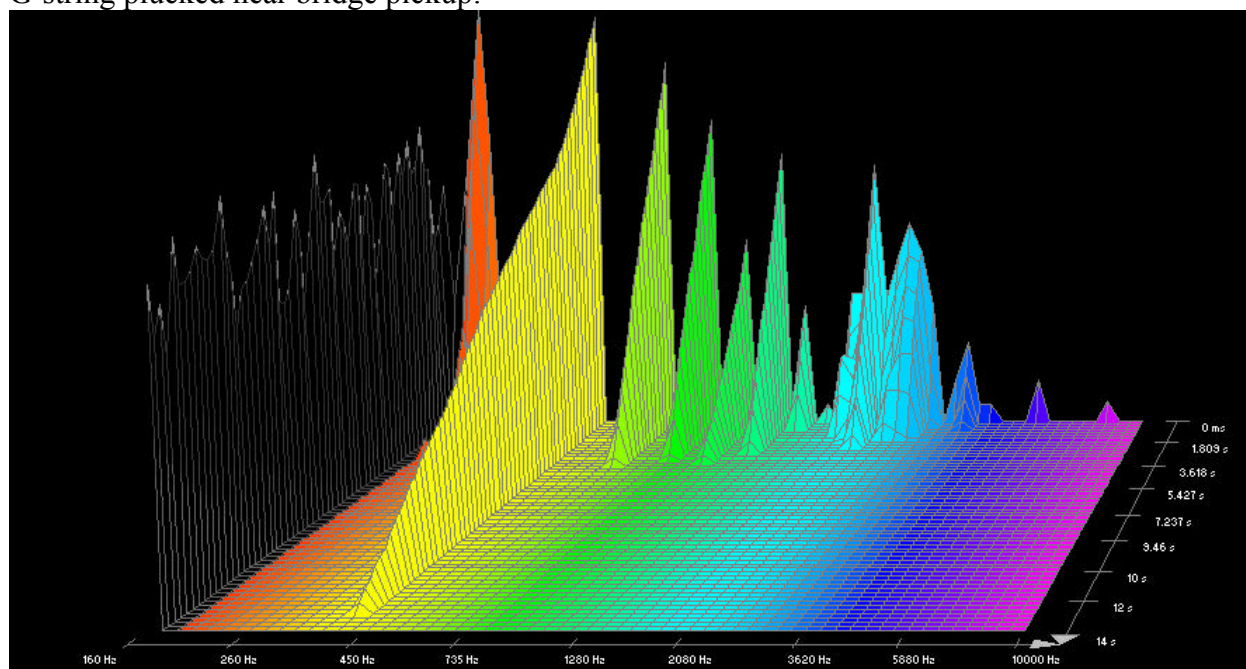


Low E-string plucked near neck pickup:

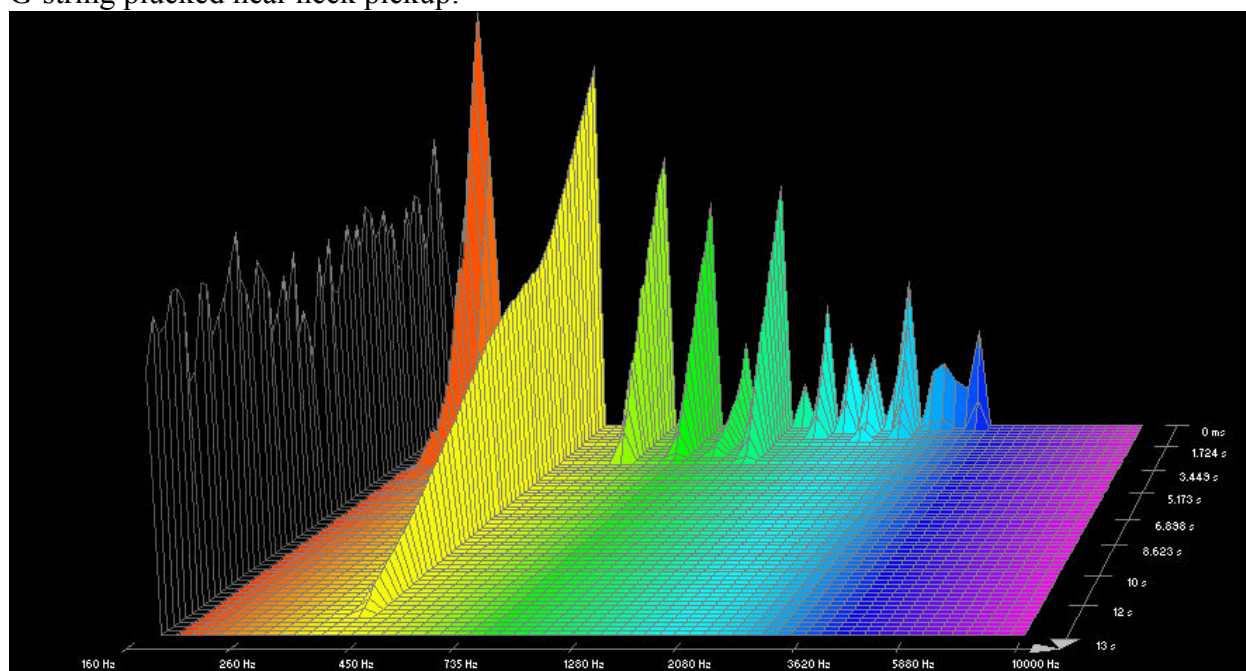


## D'addario EXPPB:

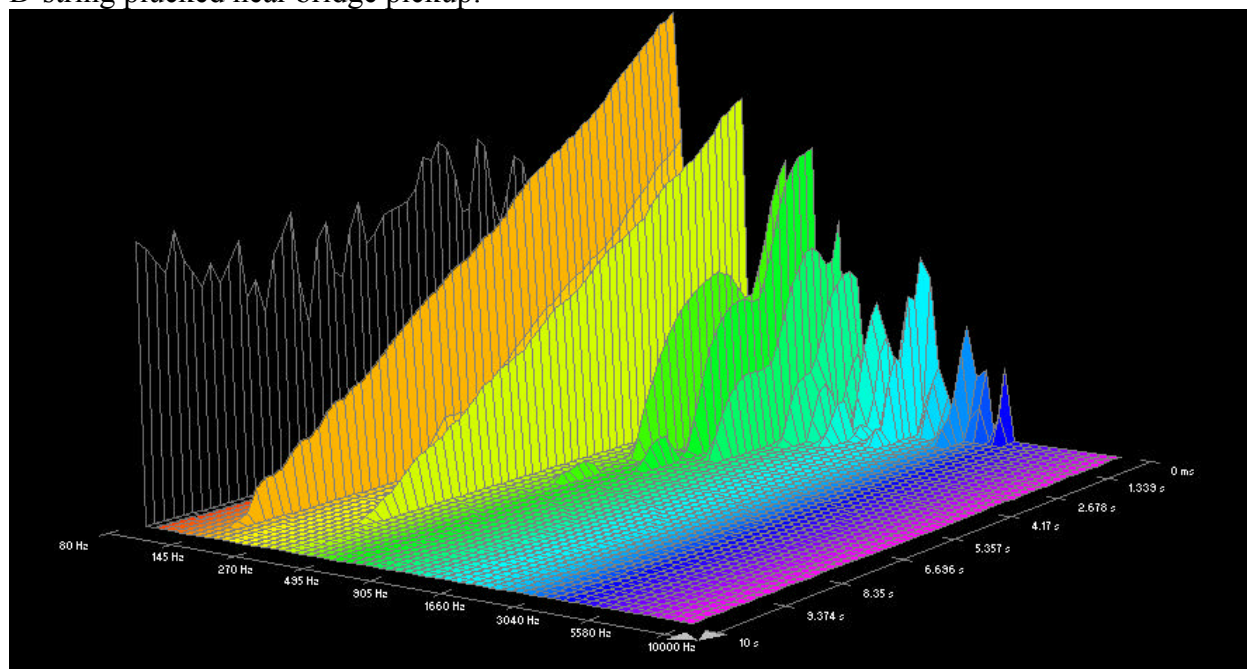
G-string plucked near bridge pickup:



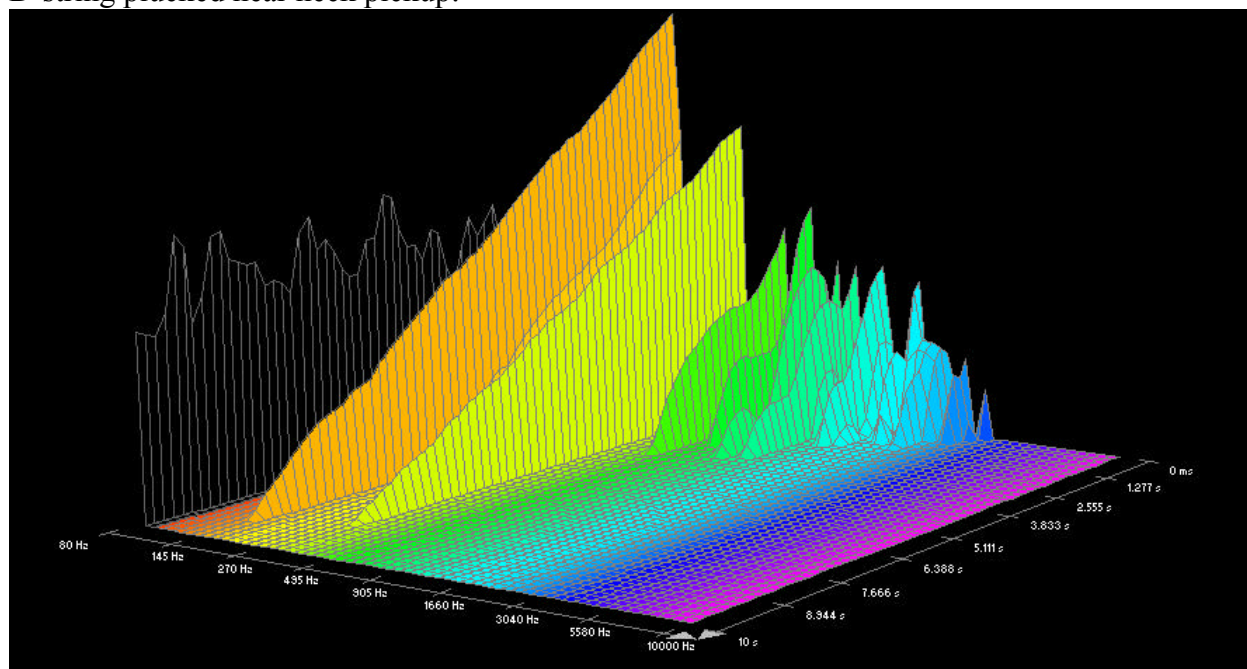
G-string plucked near neck pickup:



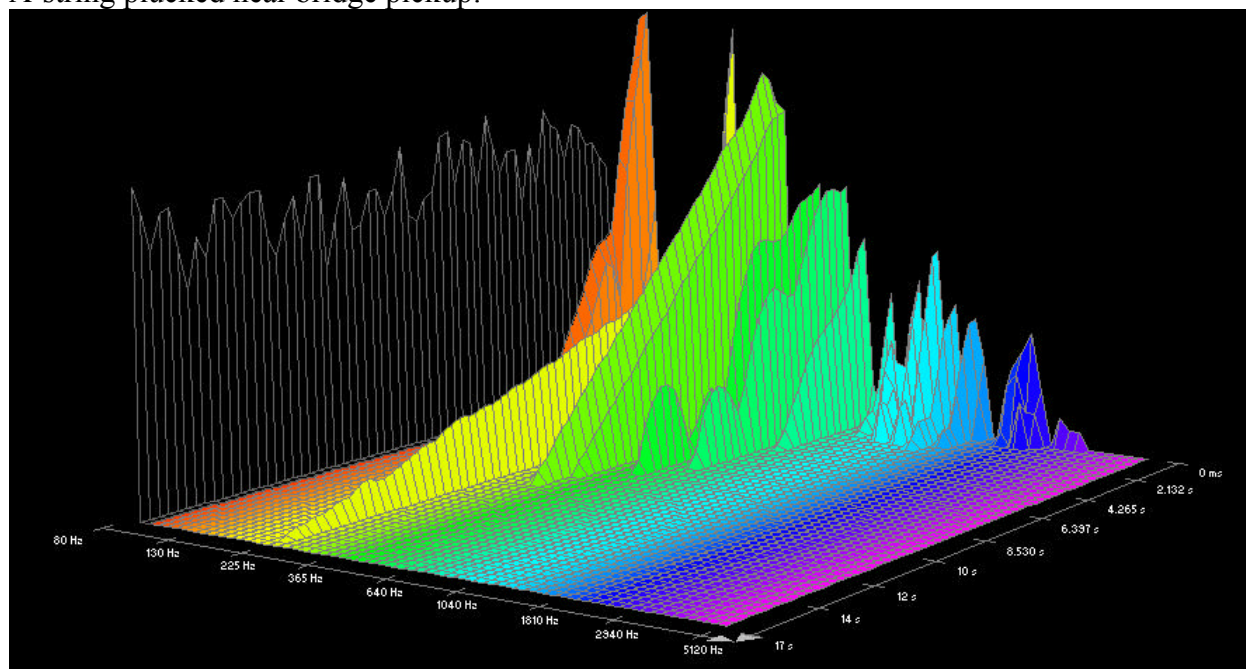
D-string plucked near bridge pickup:



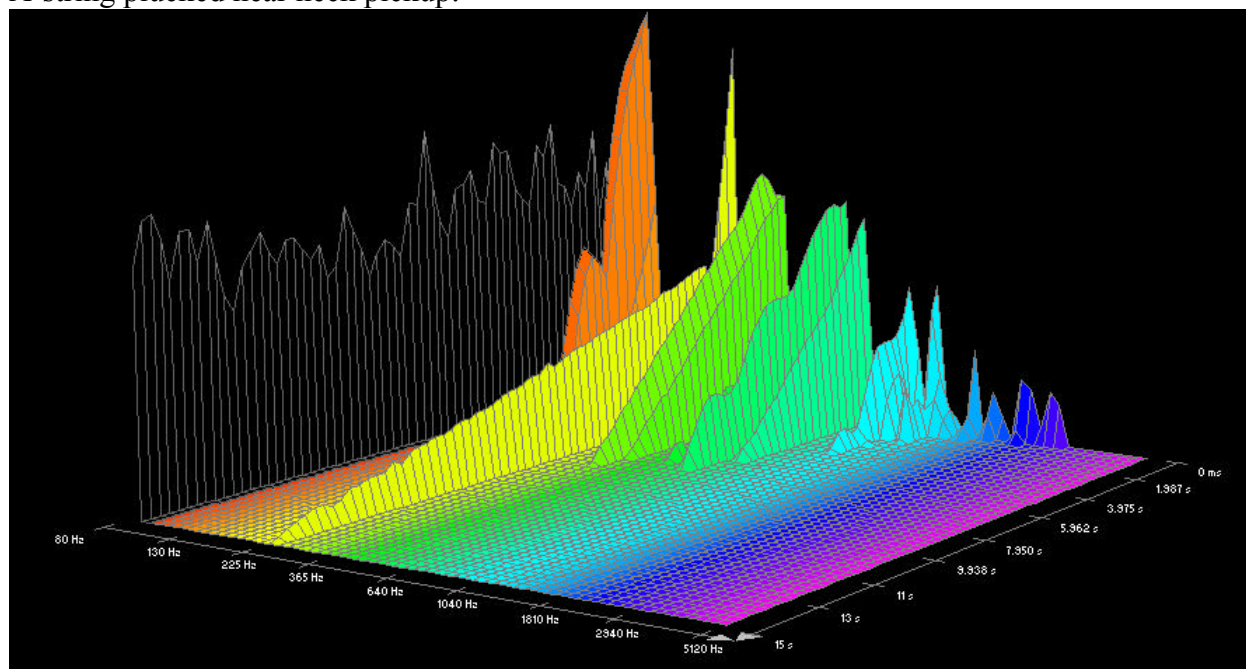
D-string plucked near neck pickup:



A-string plucked near bridge pickup:

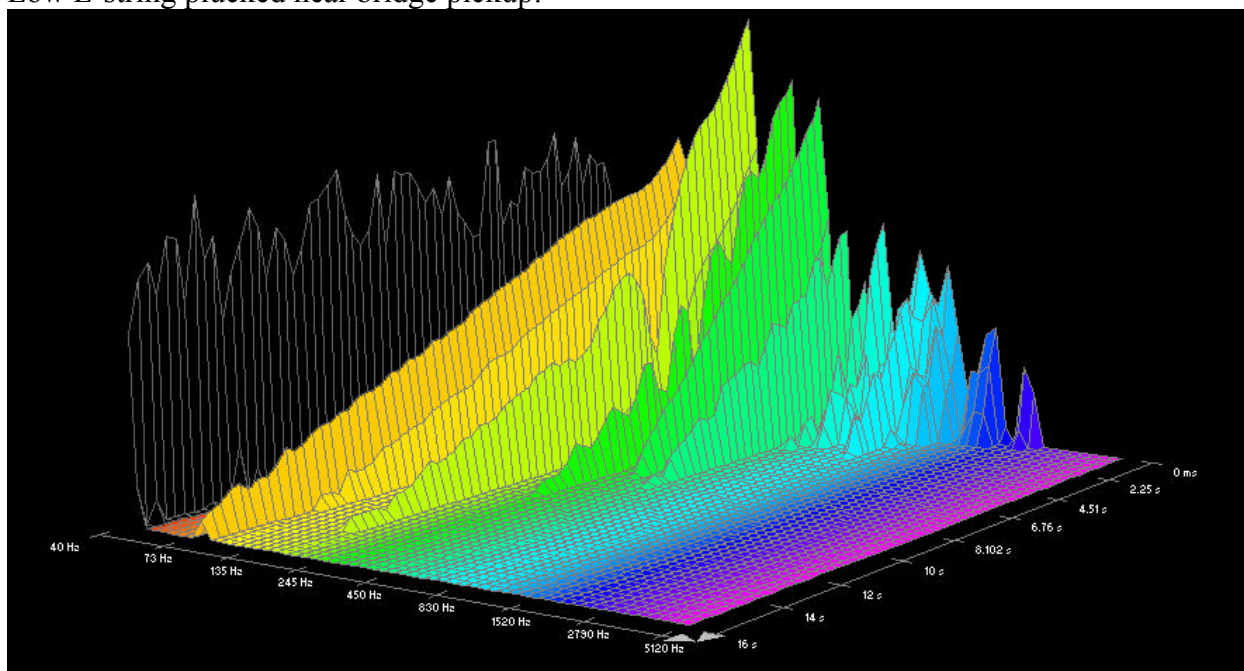


A-string plucked near neck pickup:

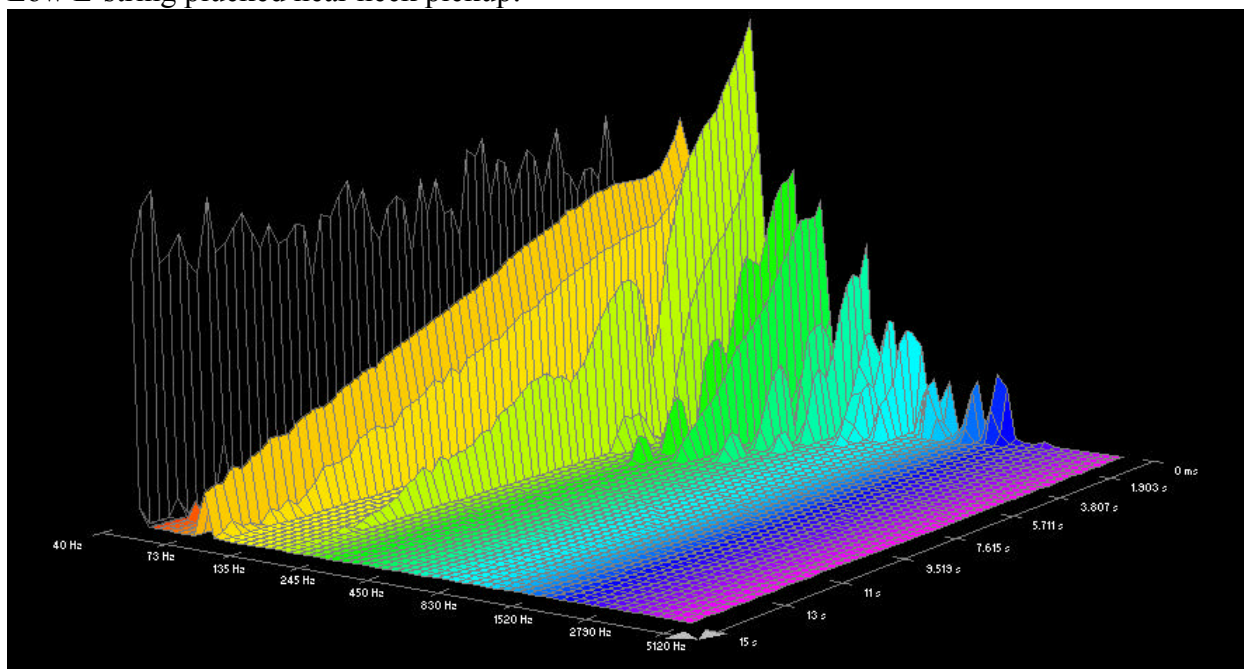




Low E-string plucked near bridge pickup:

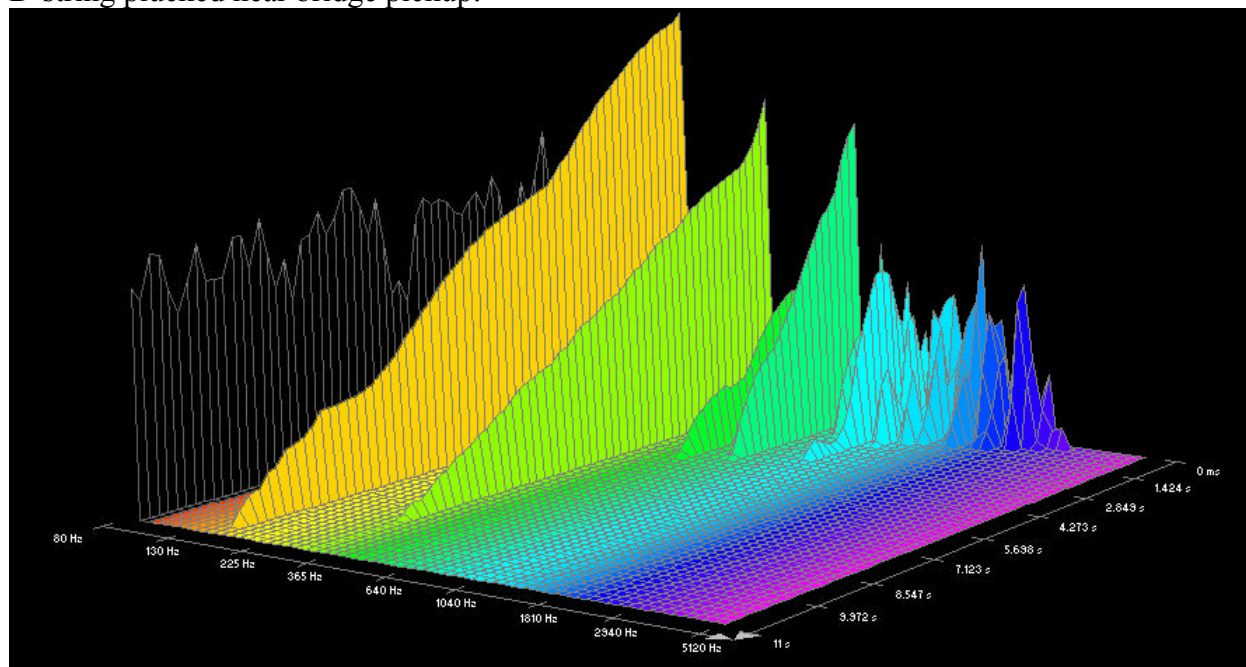


Low E-string plucked near neck pickup:

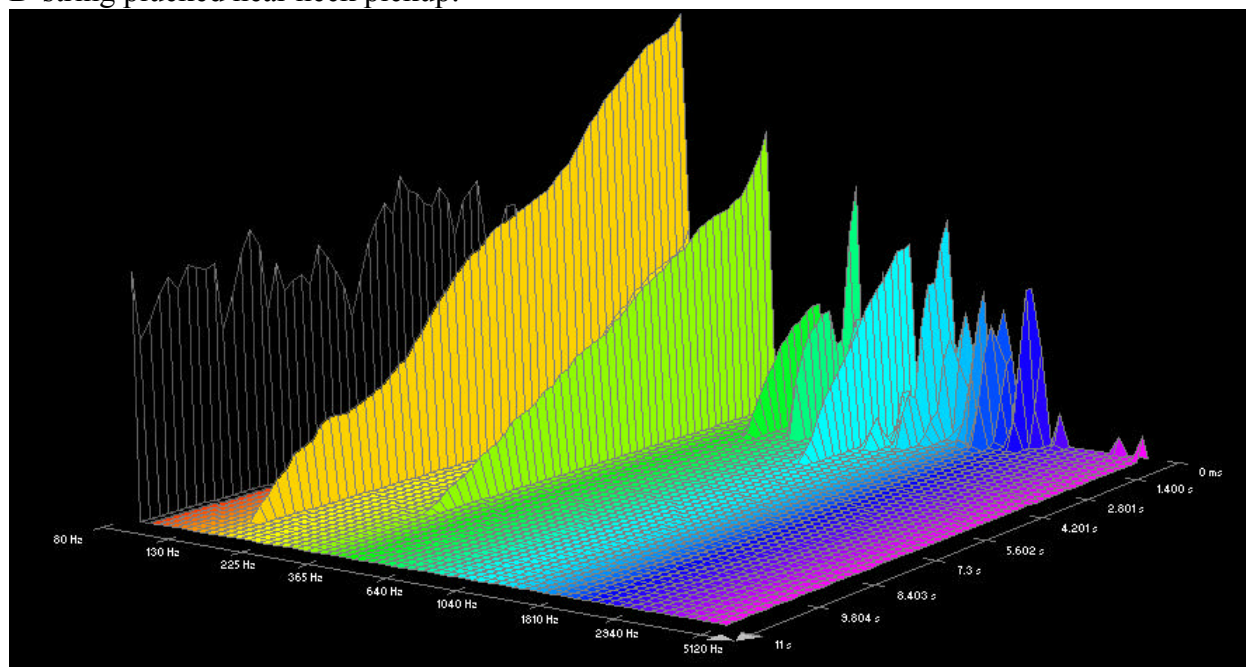


## D'addario HRG:

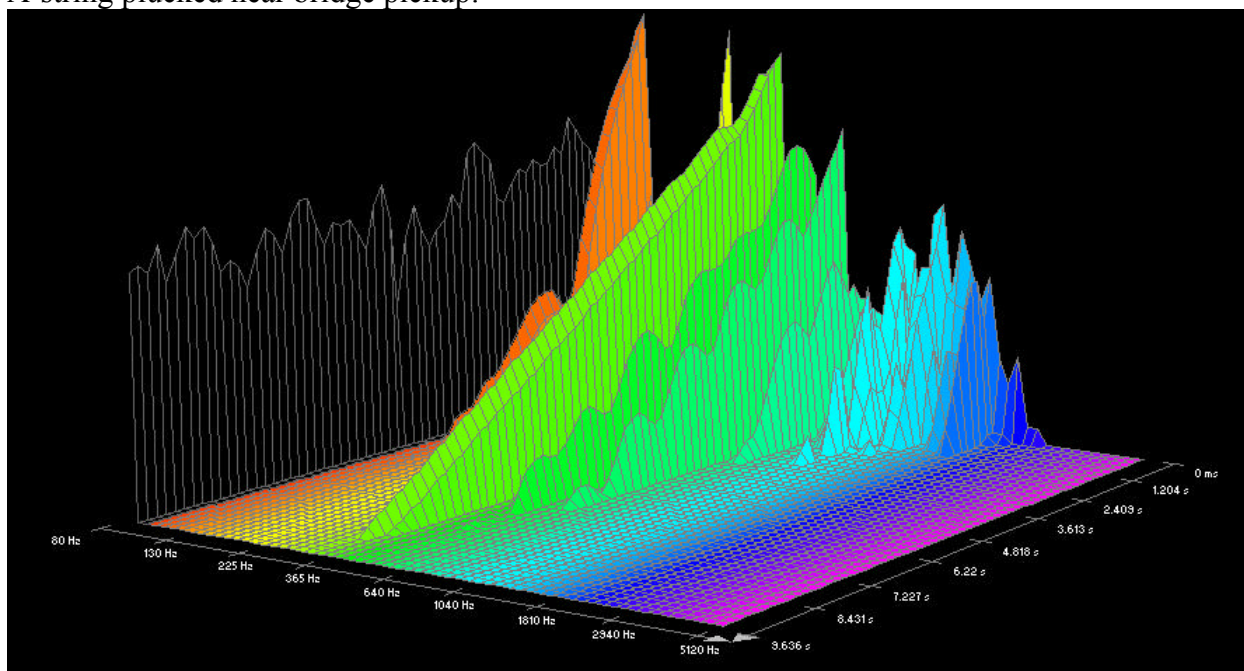
D-string plucked near bridge pickup:



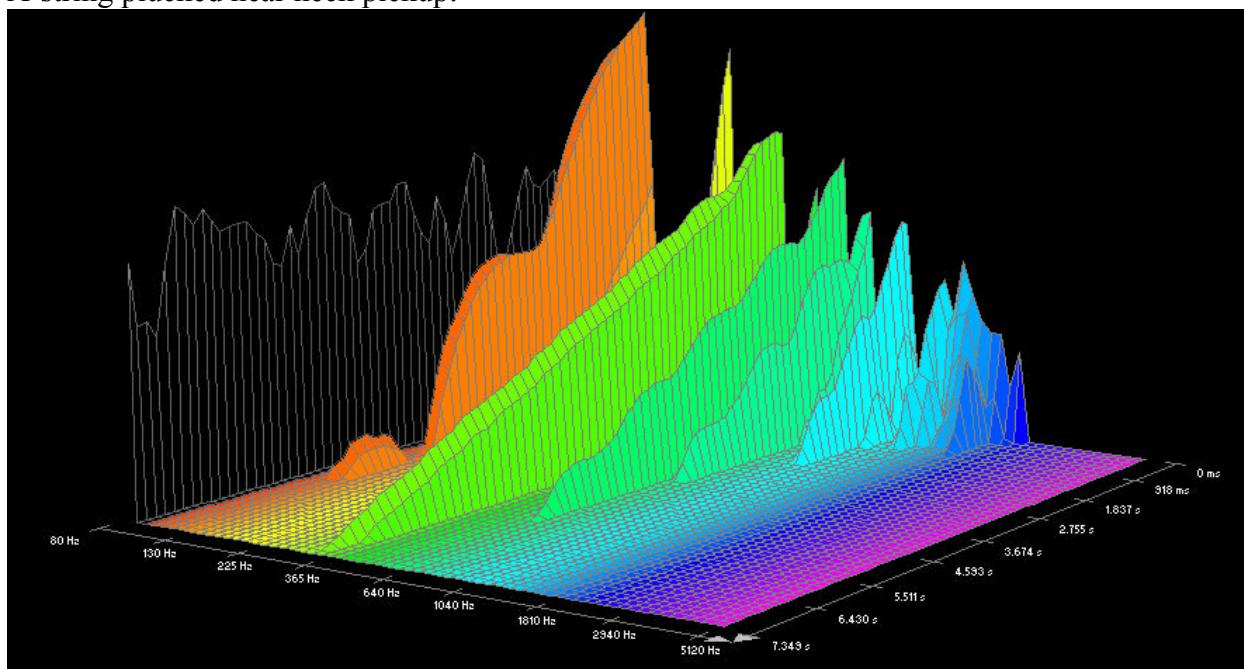
D-string plucked near neck pickup:



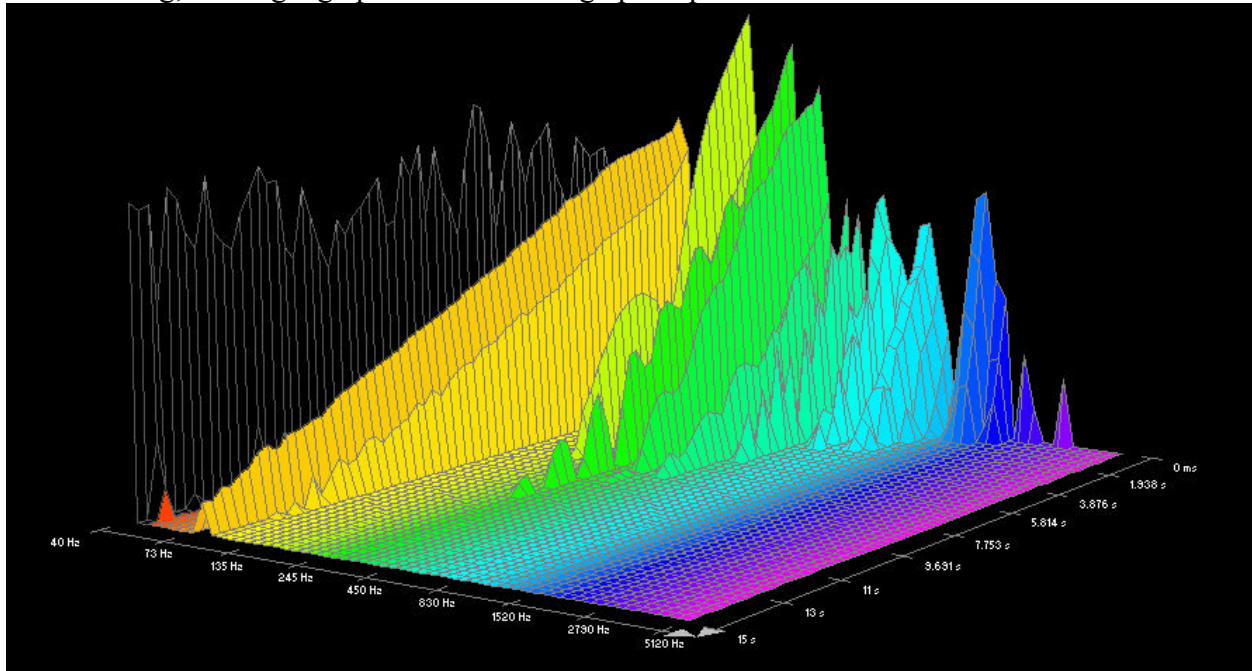
A-string plucked near bridge pickup:



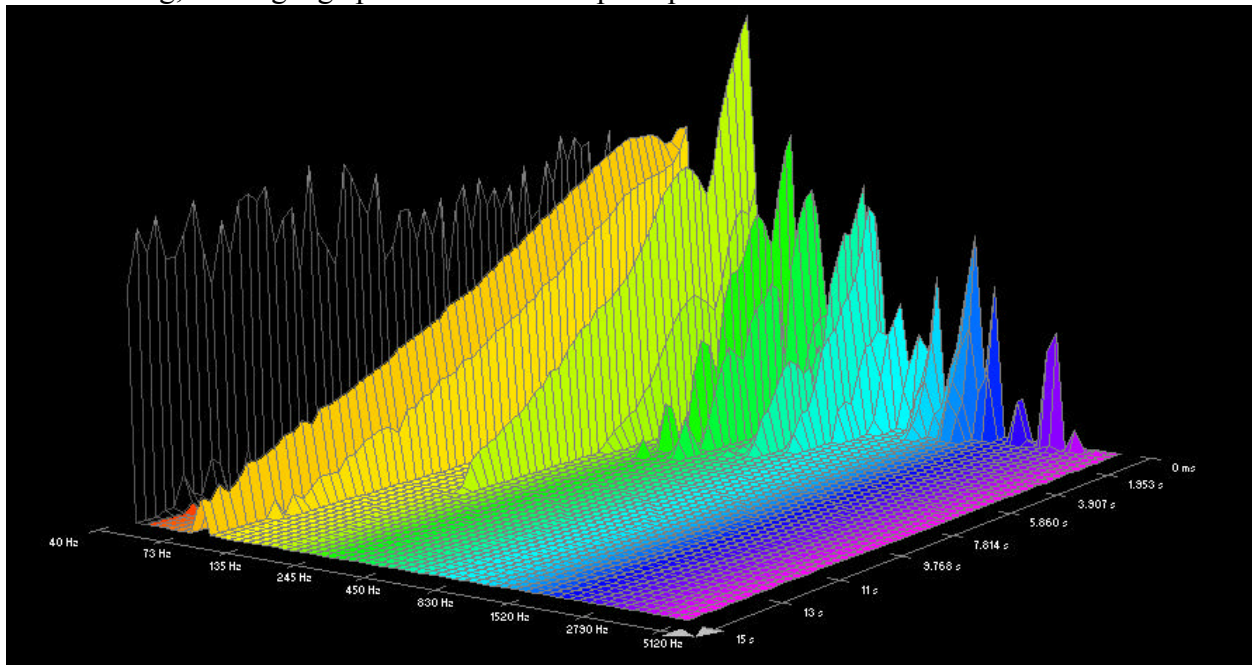
A-string plucked near neck pickup:



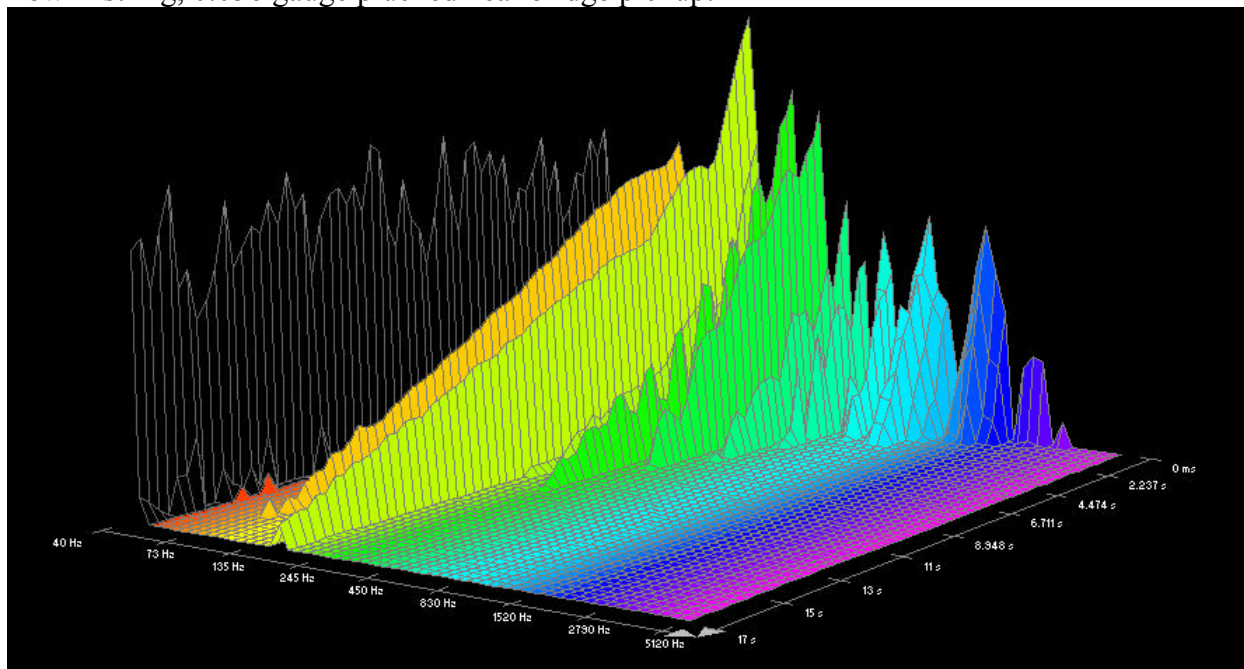
Low E-string, 0.052 gauge plucked near bridge pickup:



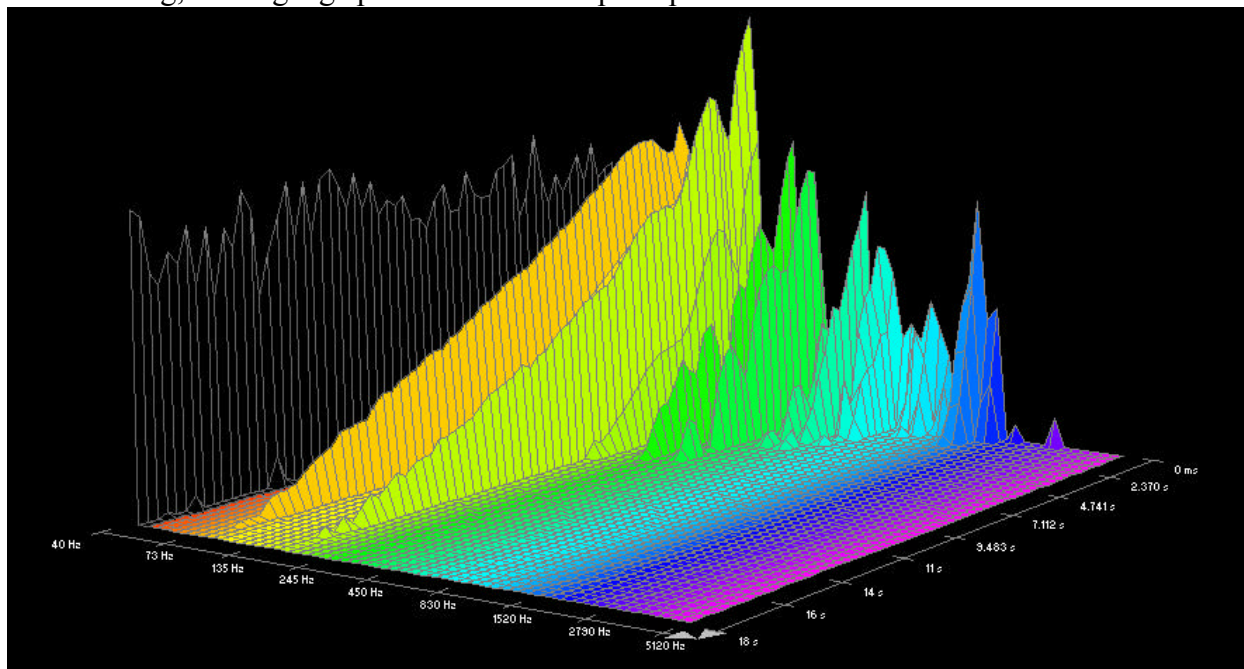
Low E-string, 0.052 gauge plucked near neck pickup:



Low E-string, 0.056 gauge plucked near bridge pickup:

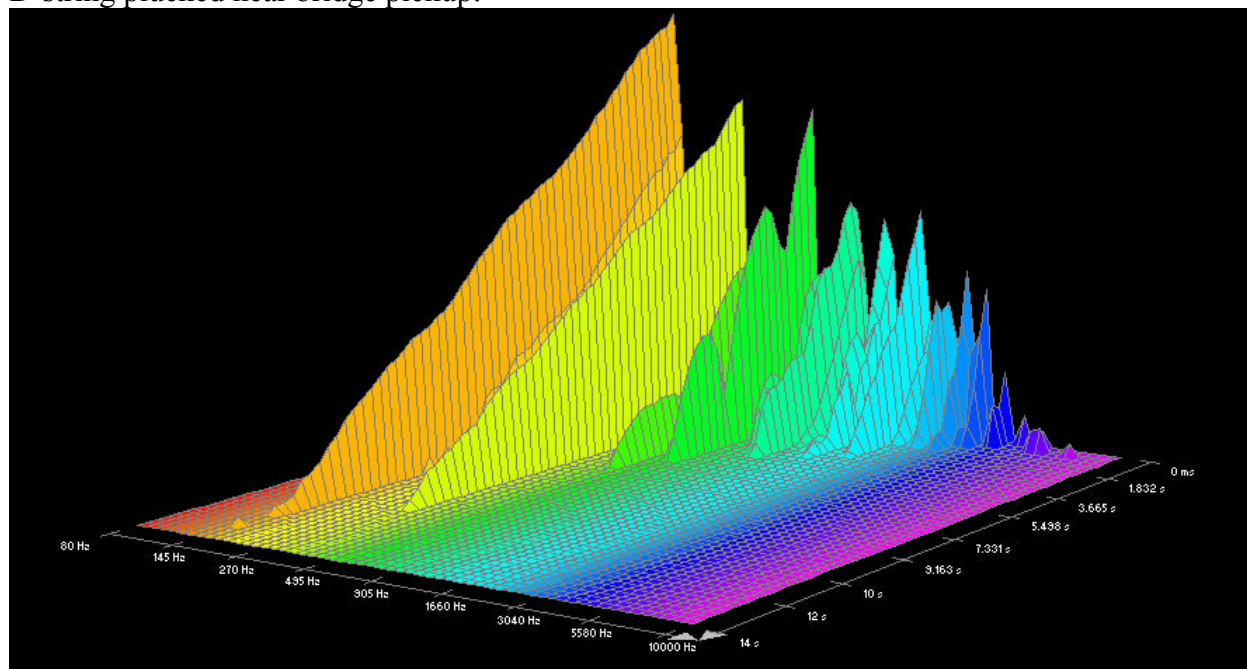


Low E-string, 0.056 gauge plucked near neck pickup:

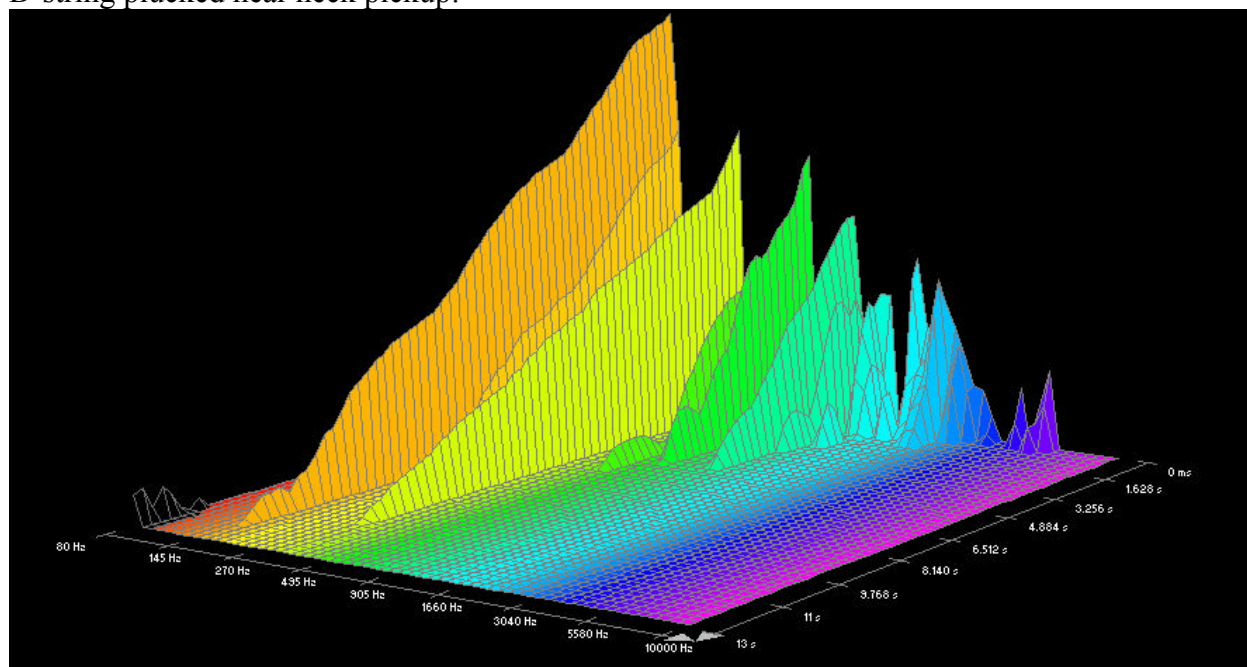


## D'addario Nickel Wound:

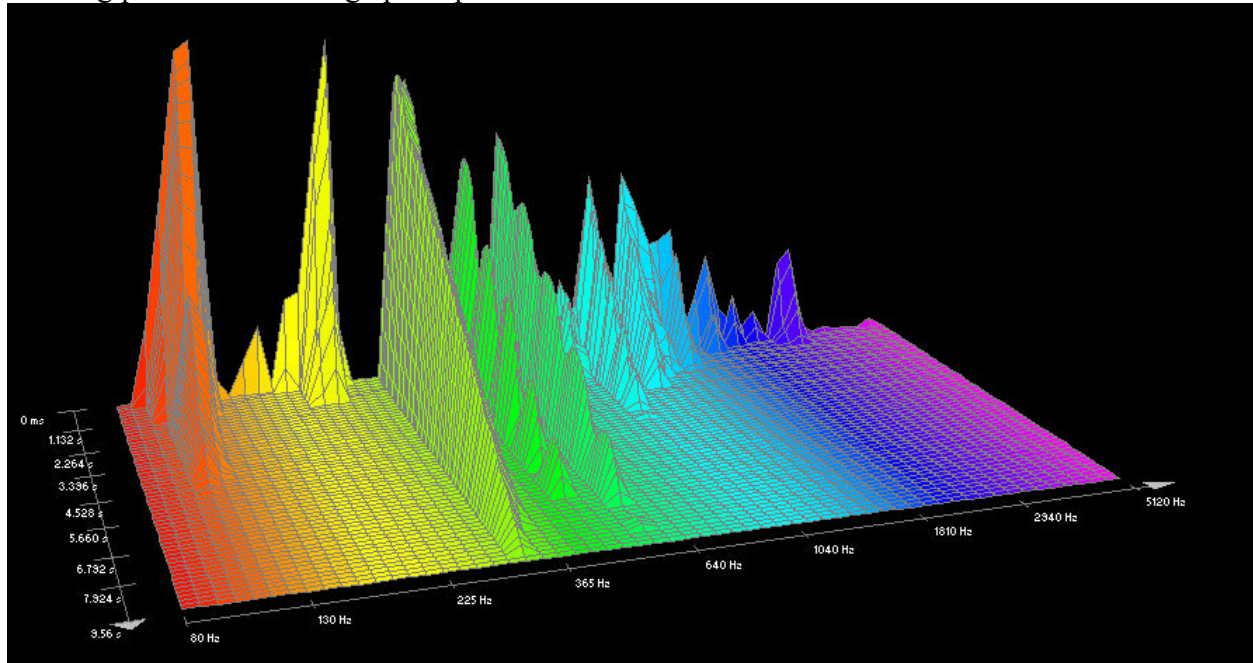
D-string plucked near bridge pickup:



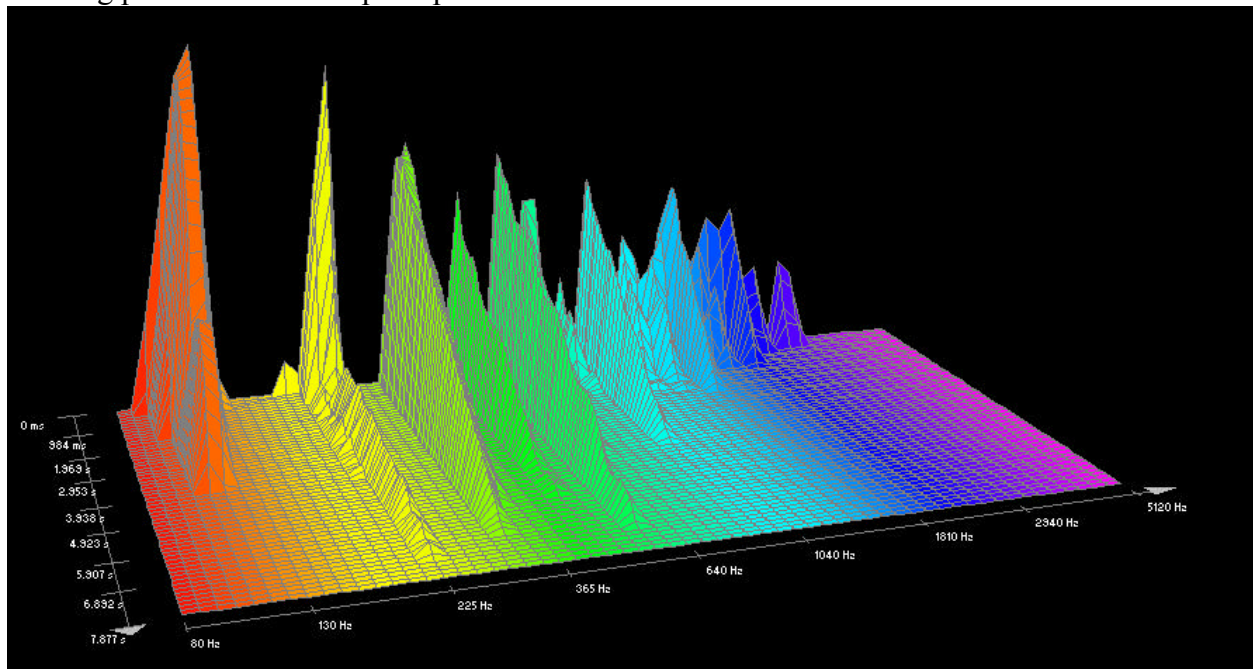
D-string plucked near neck pickup:



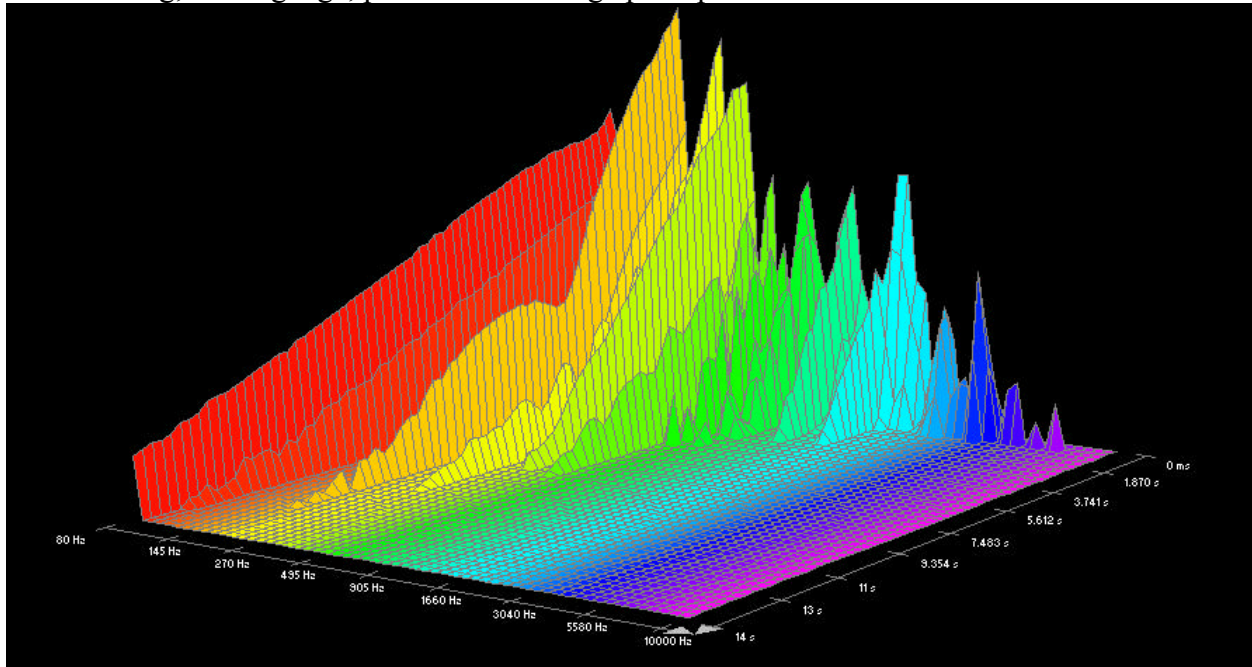
A-string plucked near bridge pickup:



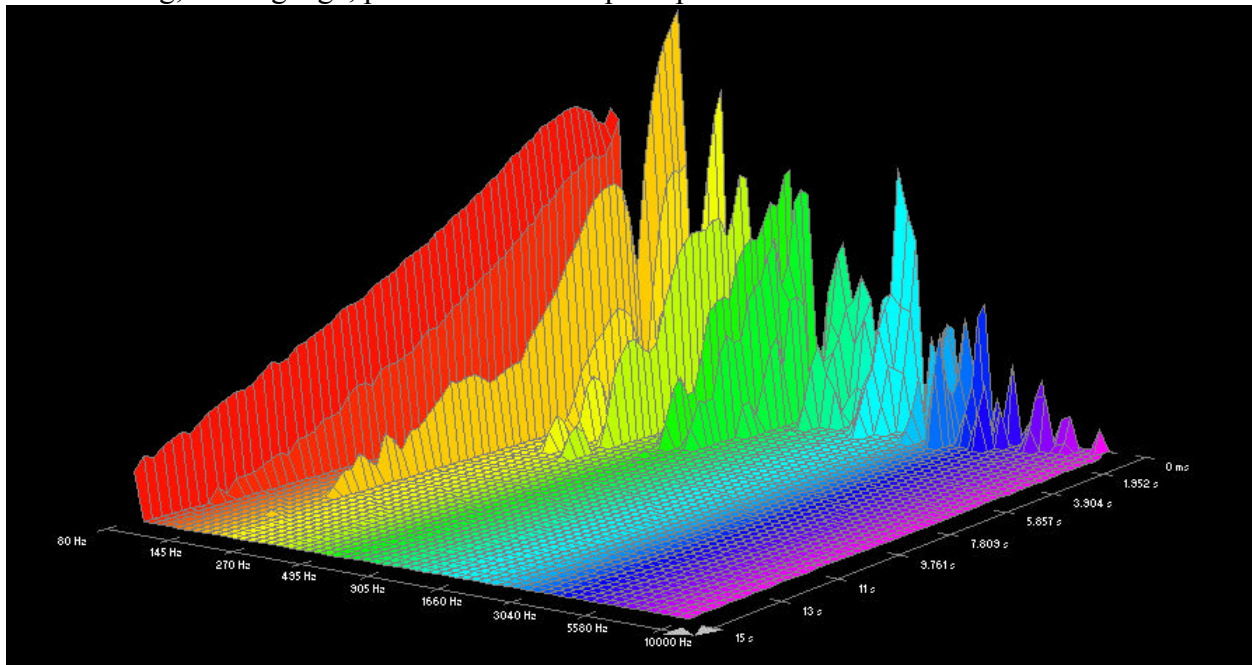
A-string plucked near neck pickup:



Low E-string, 0.052 gauge, plucked near bridge pickup:

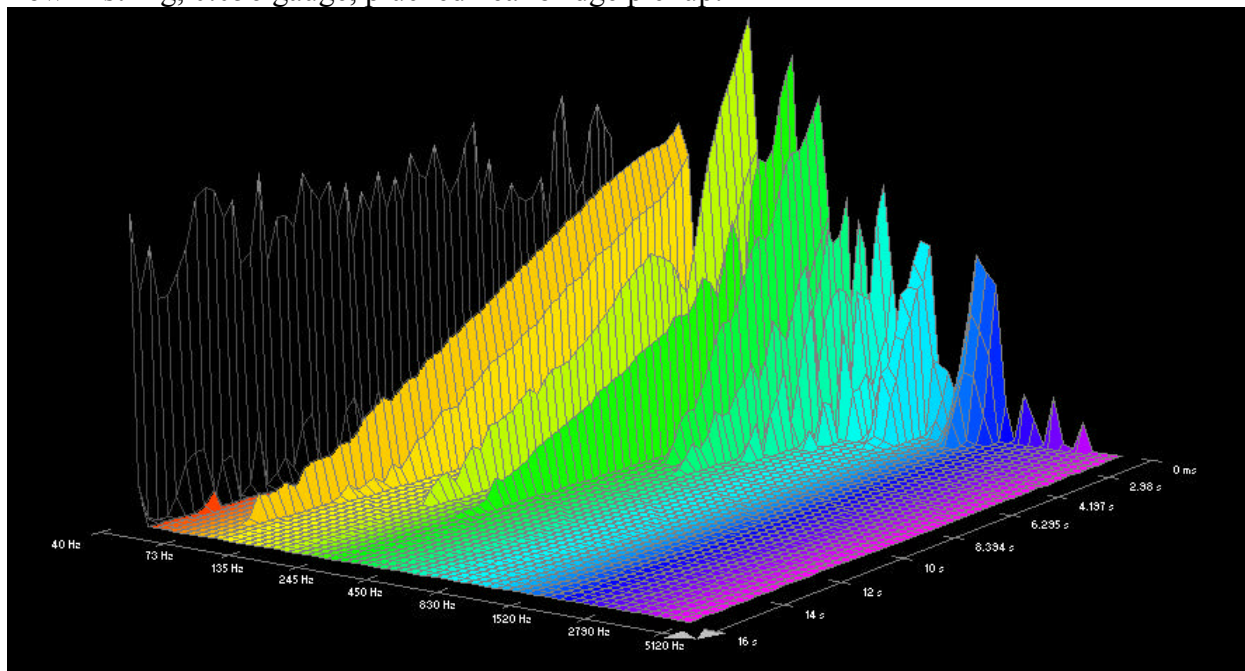


Low E-string, 0.052 gauge, plucked near neck pickup:

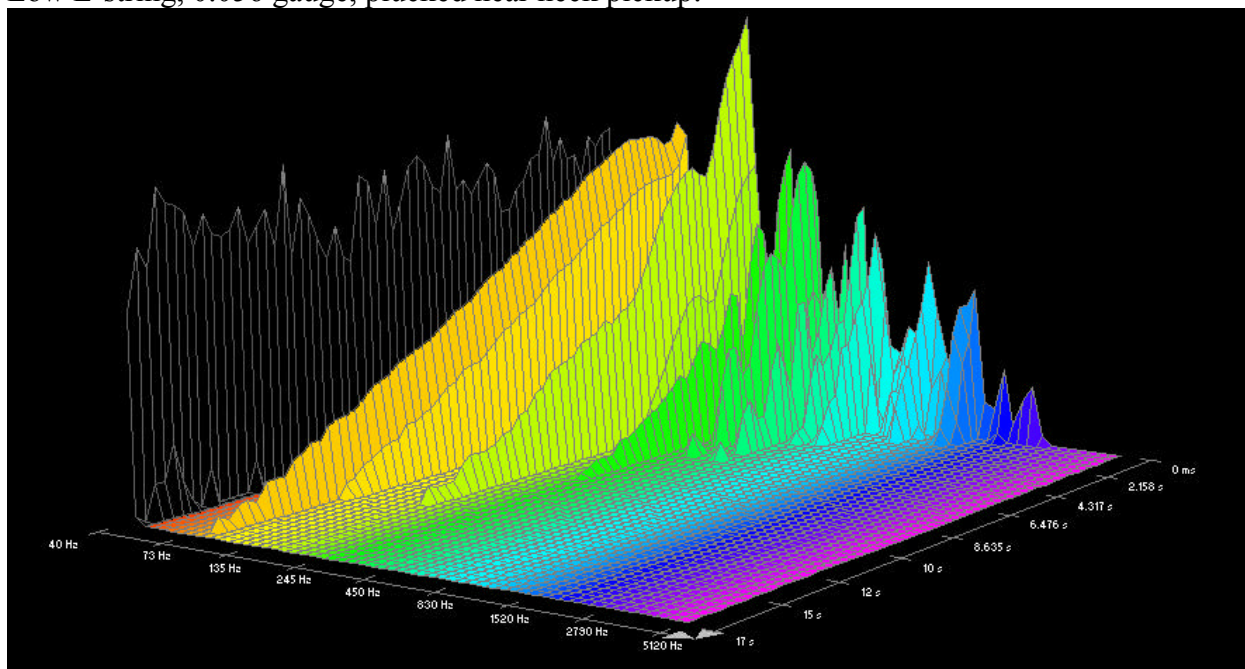




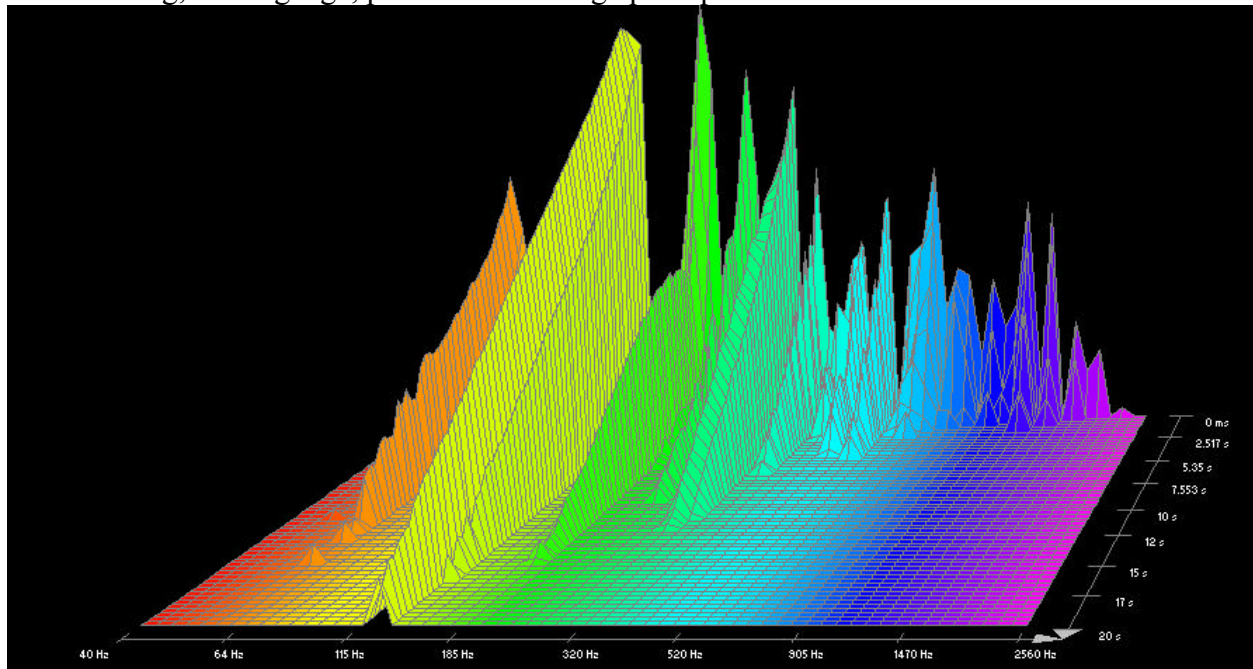
Low E-string, 0.056 gauge, plucked near bridge pickup:



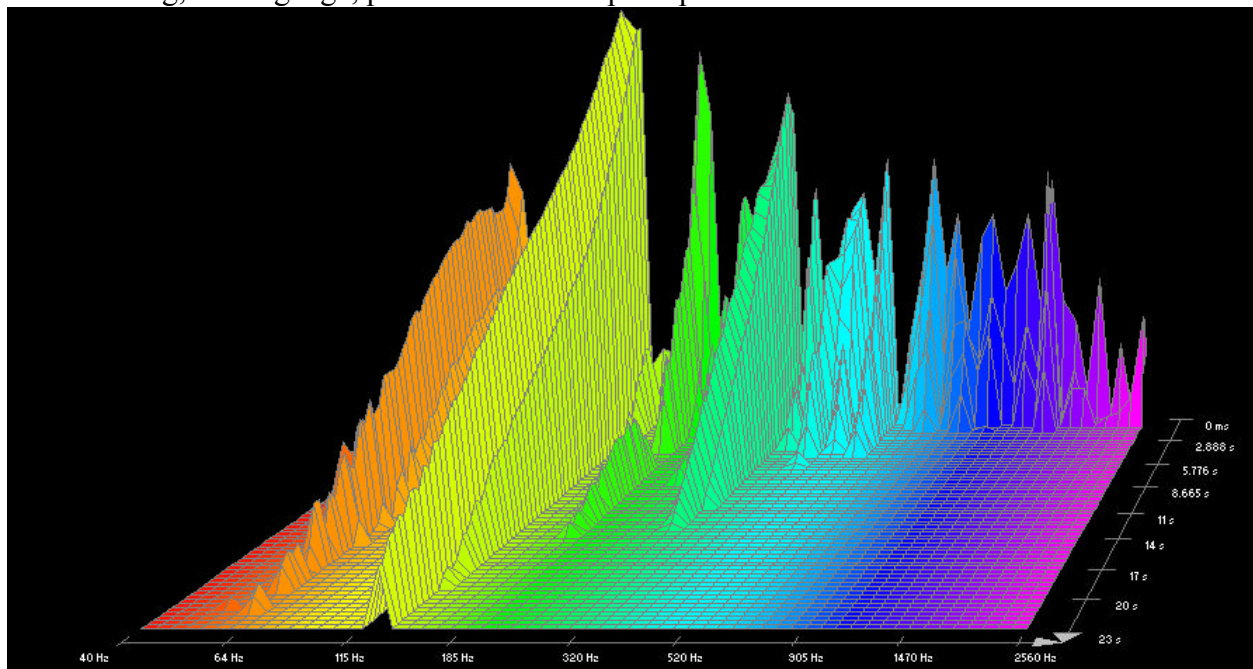
Low E-string, 0.056 gauge, plucked near neck pickup:



Low B-string, 0.068 gauge, plucked near bridge pickup:

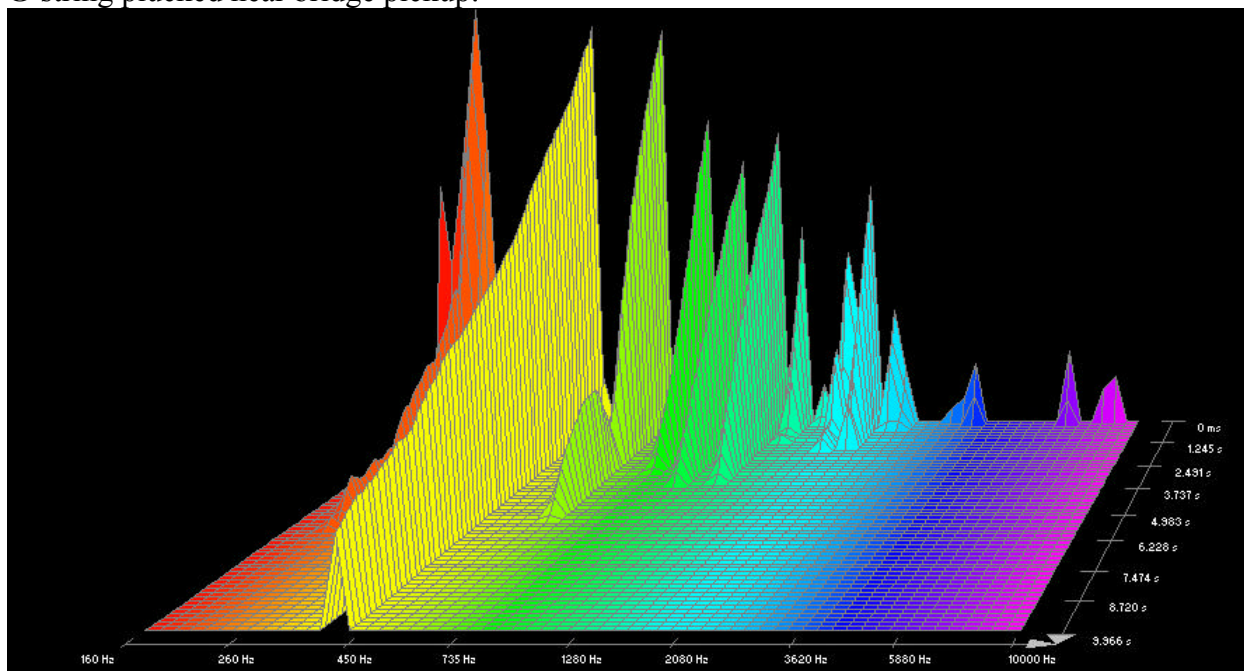


Low B-string, 0.068 gauge, plucked near neck pickup:

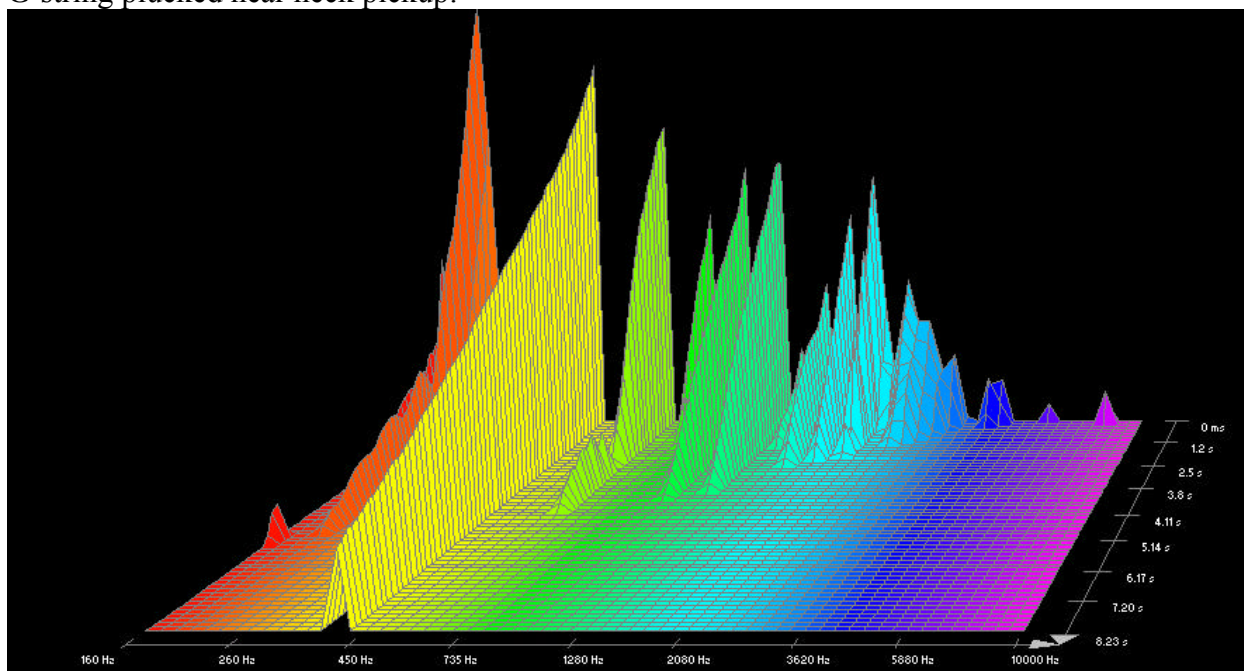


## D'addario Phosphor Bronze:

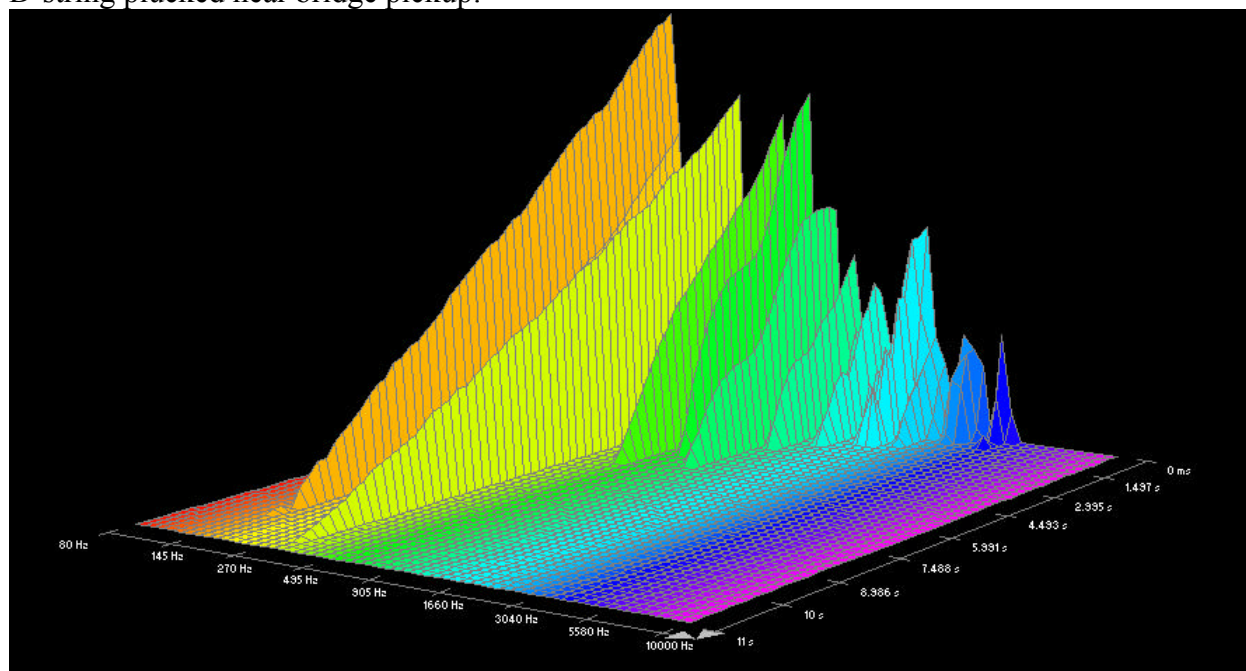
G-string plucked near bridge pickup:



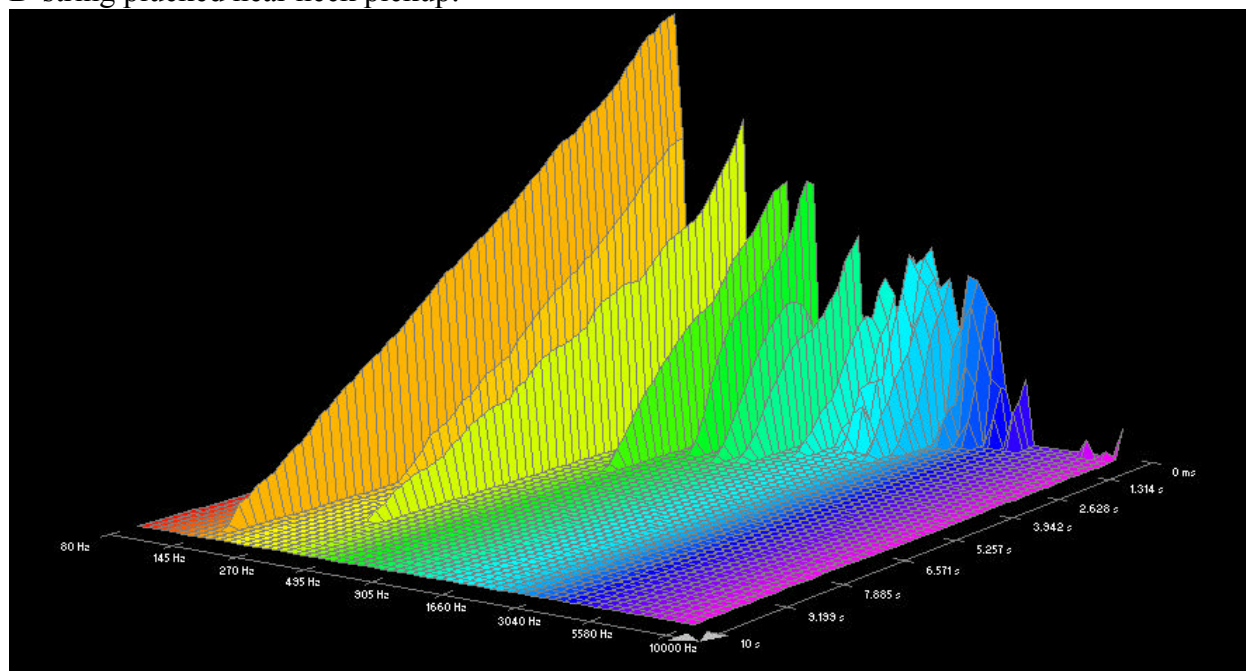
G-string plucked near neck pickup:



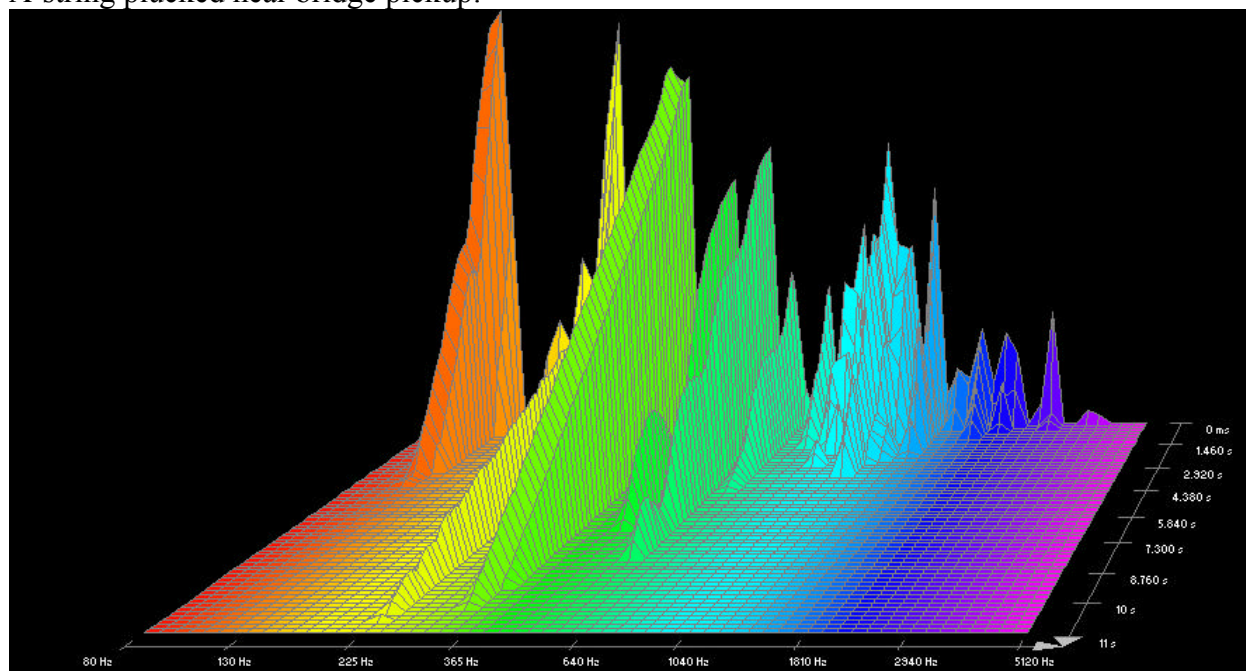
D-string plucked near bridge pickup:



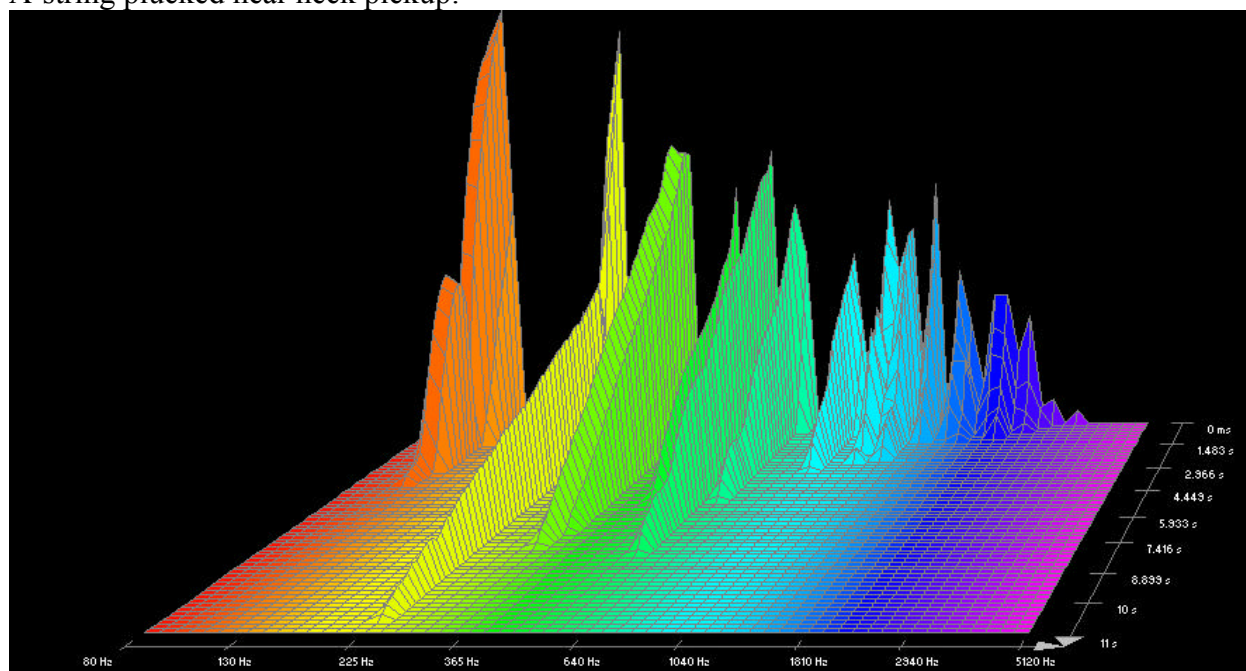
D-string plucked near neck pickup:



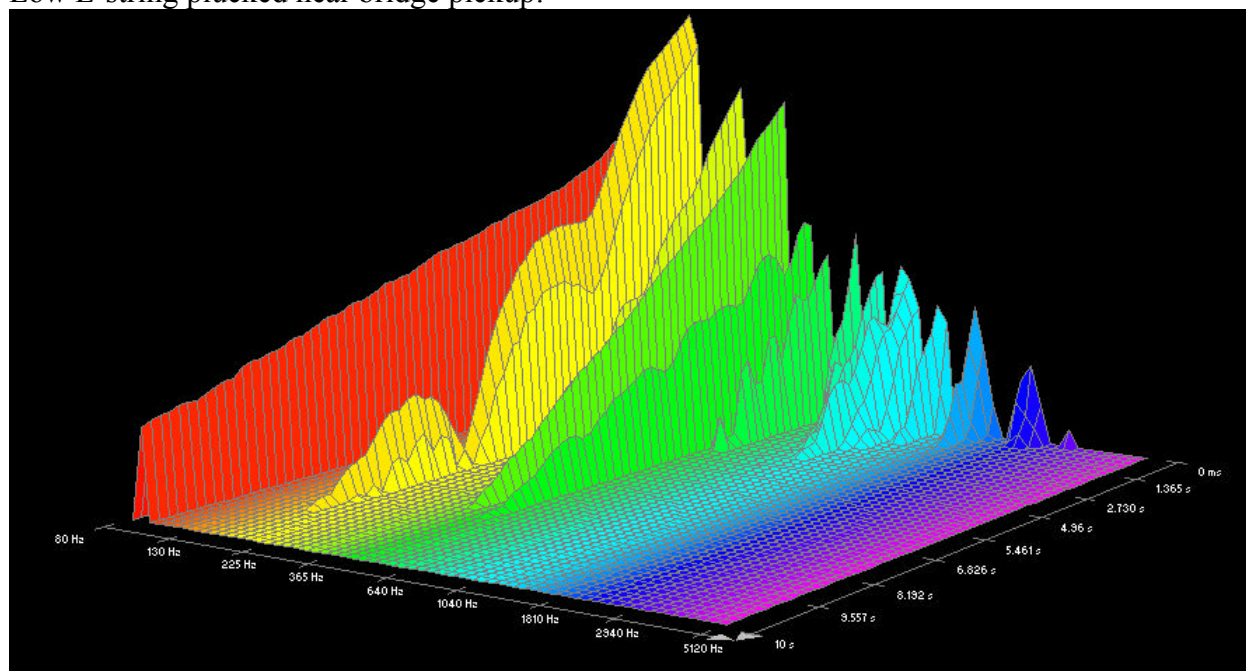
A-string plucked near bridge pickup:



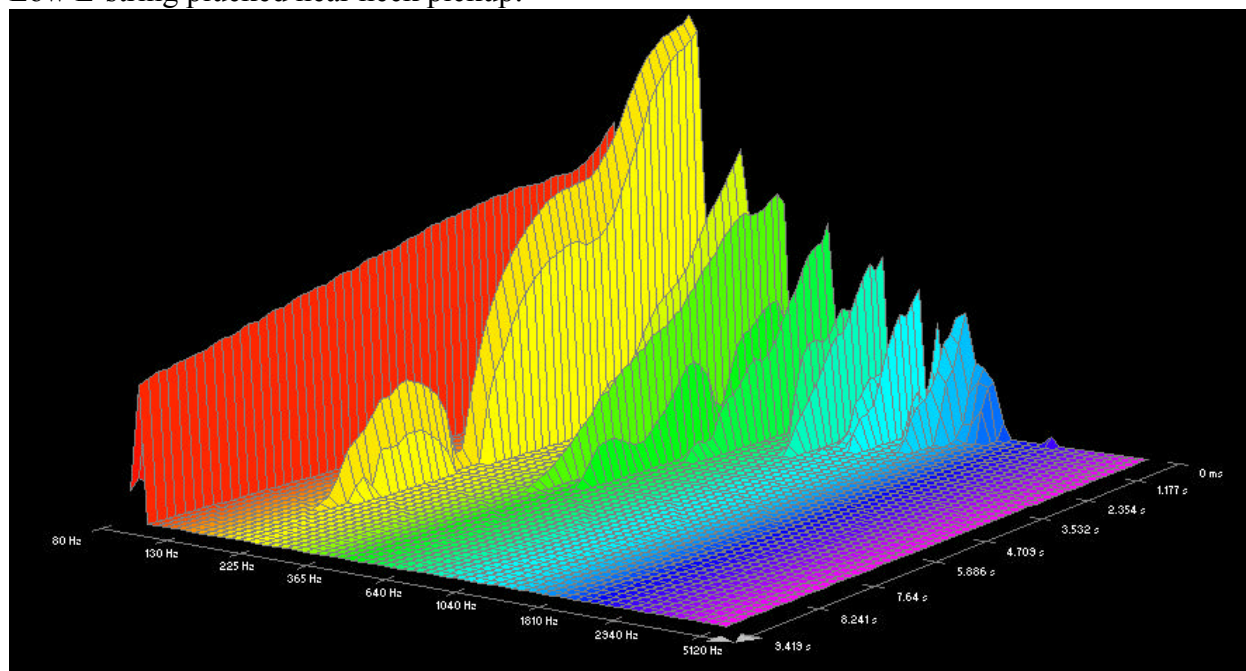
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

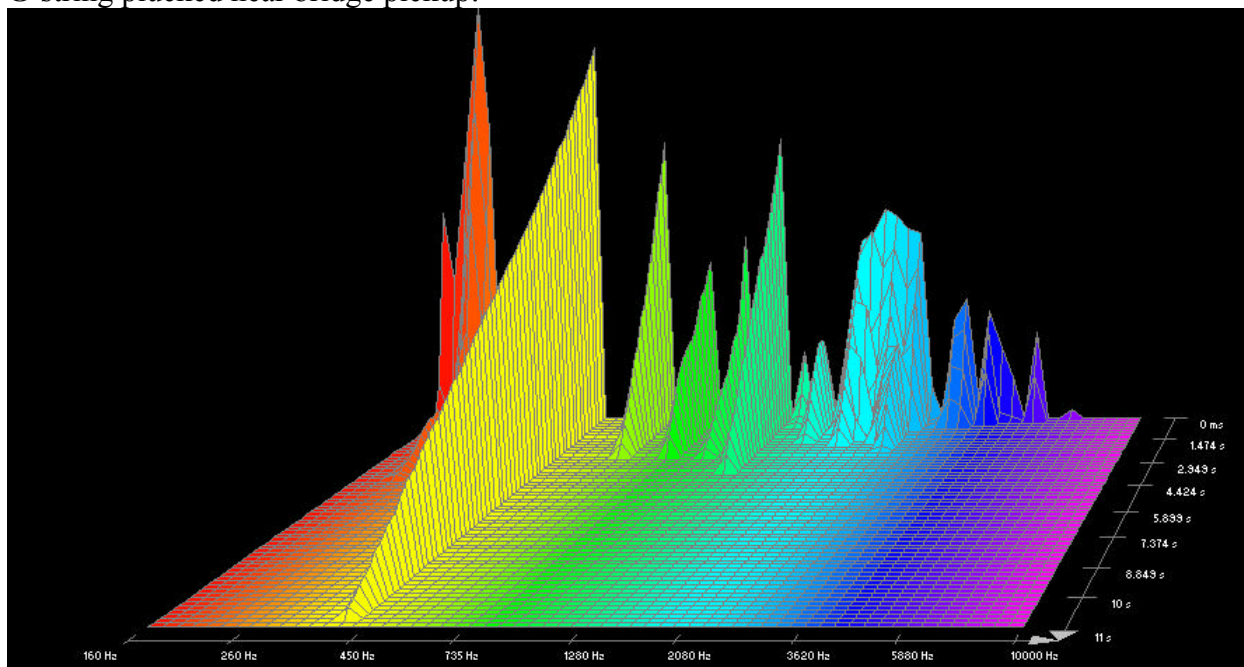


Low E-string plucked near neck pickup:

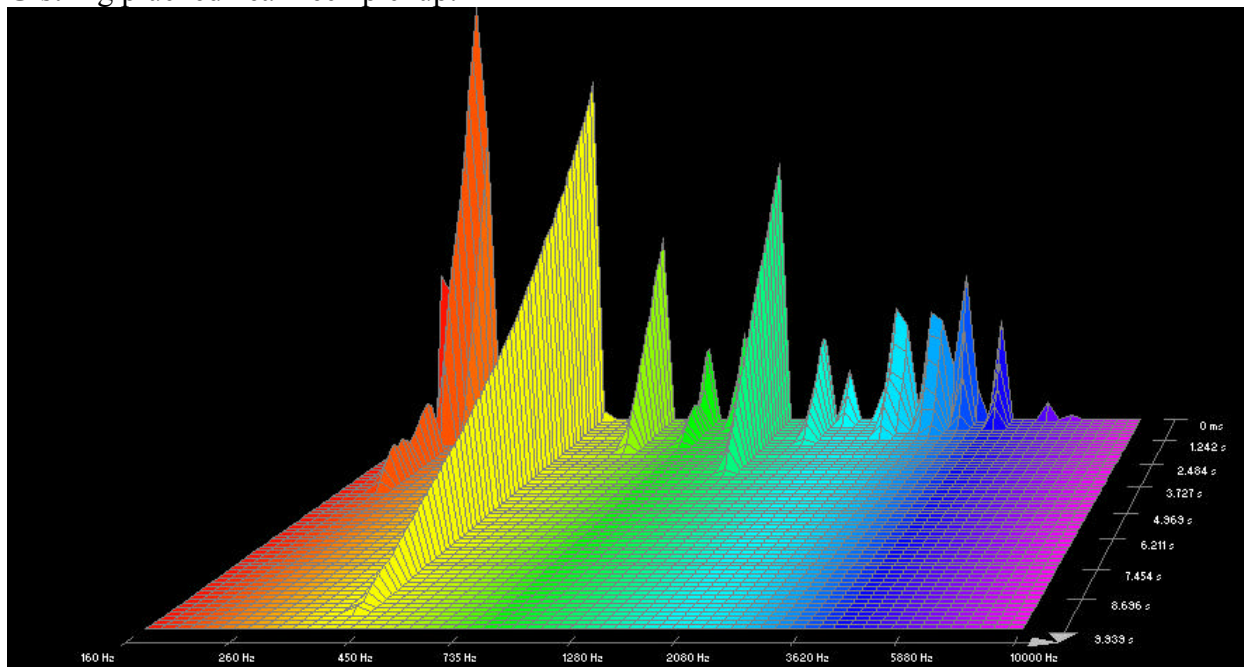


## D'addario Bronze Wound:

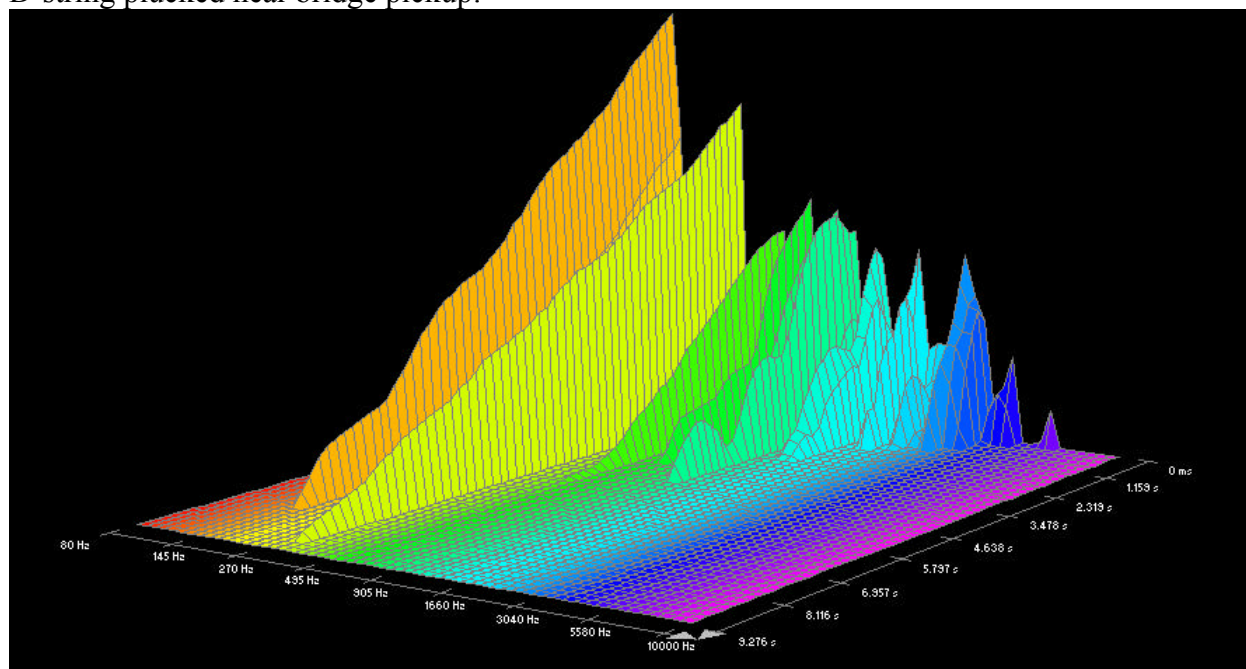
G-string plucked near bridge pickup:



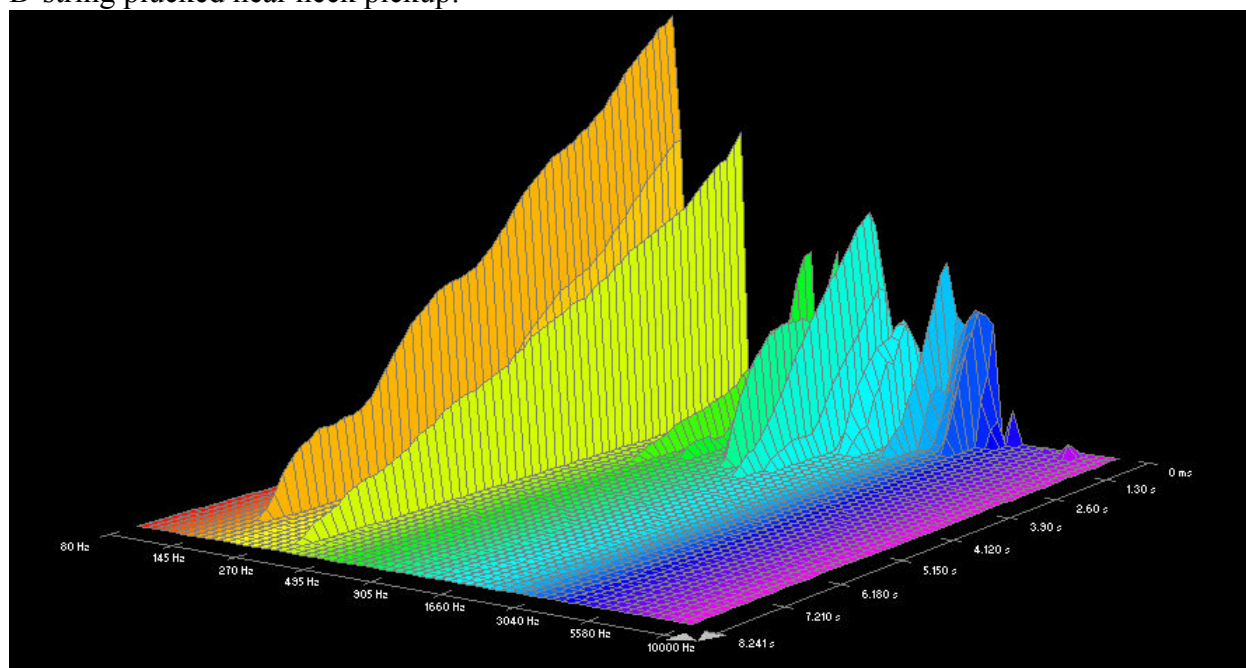
G-string plucked near neck pickup:



D-string plucked near bridge pickup:

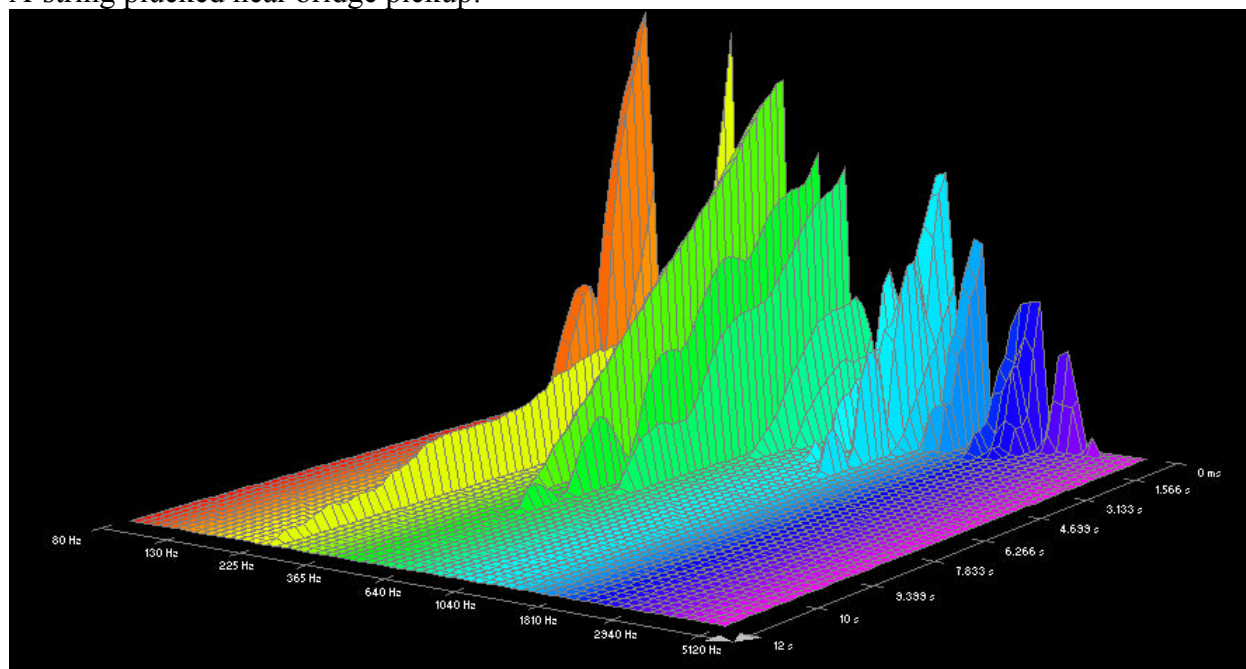


D-string plucked near neck pickup:

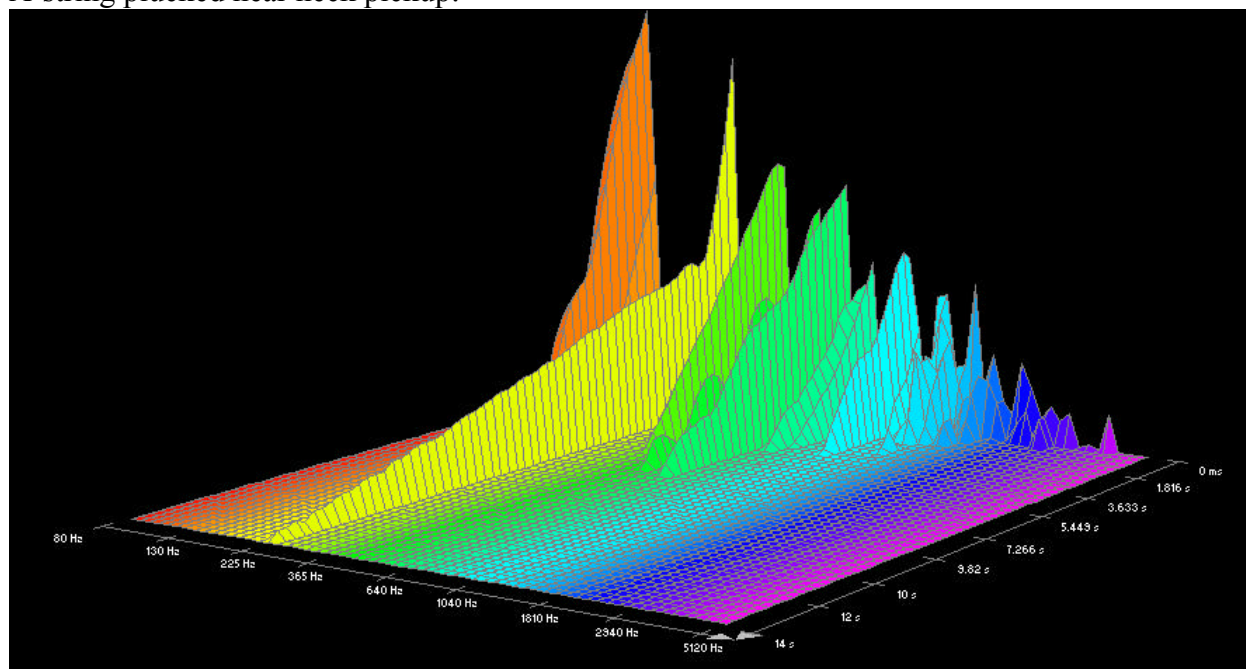




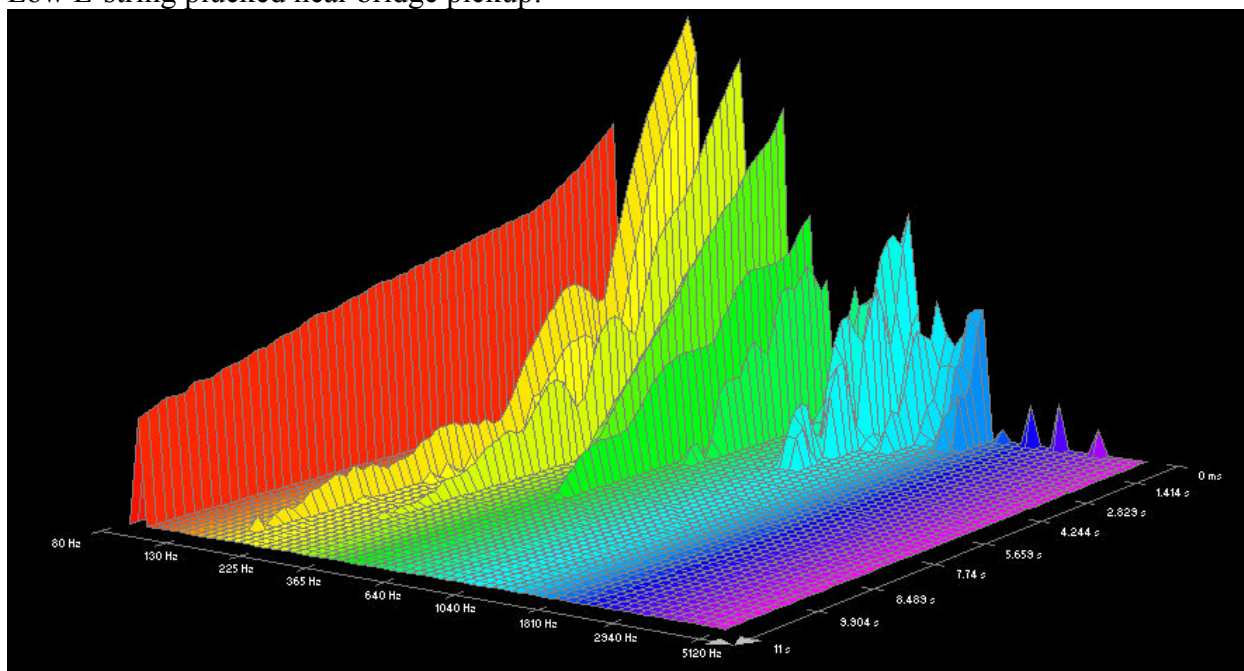
A-string plucked near bridge pickup:



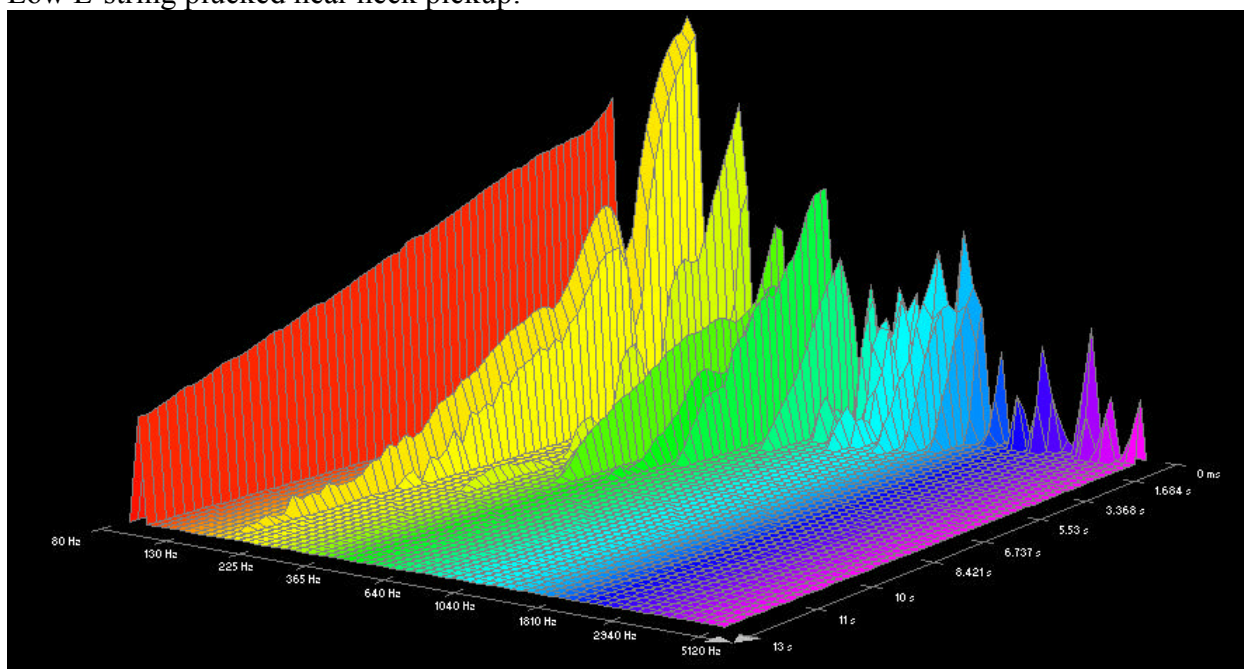
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

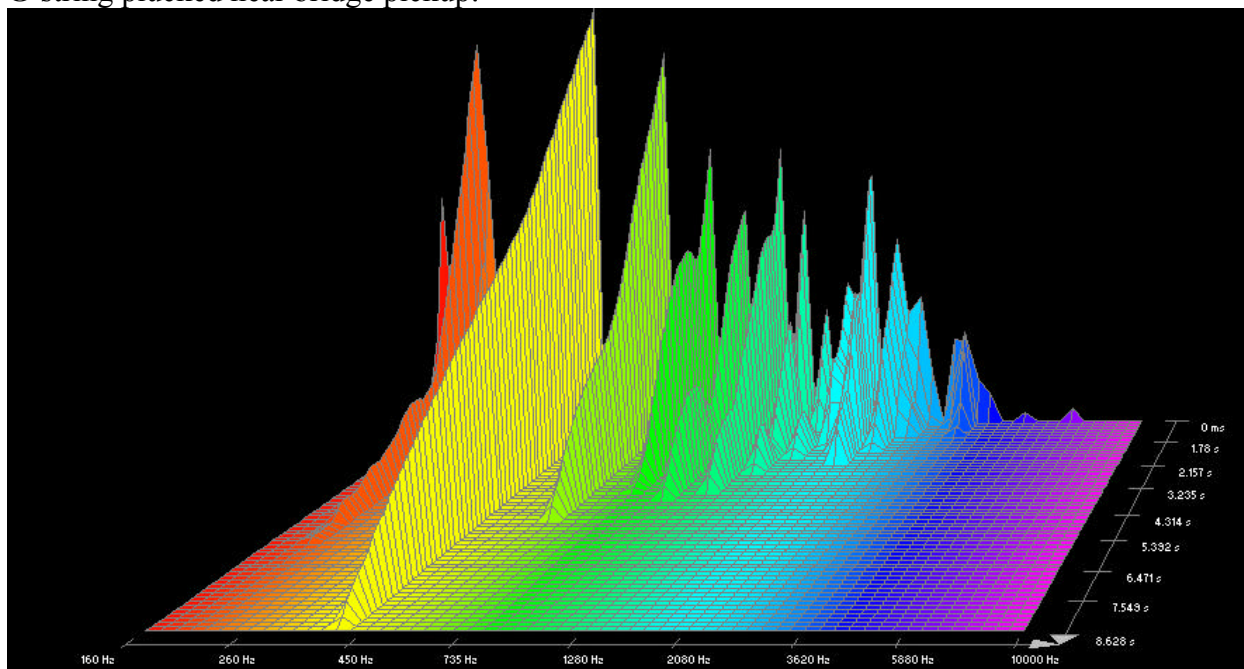


Low E-string plucked near neck pickup:

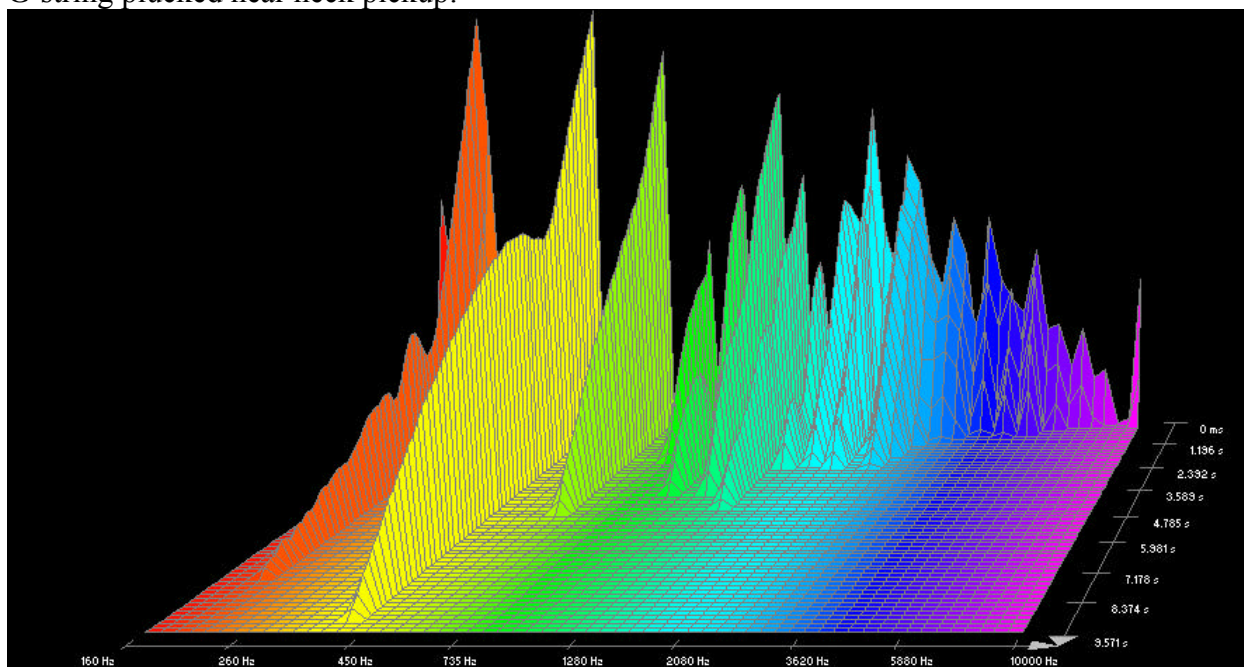


## D'addario Silk & Steel:

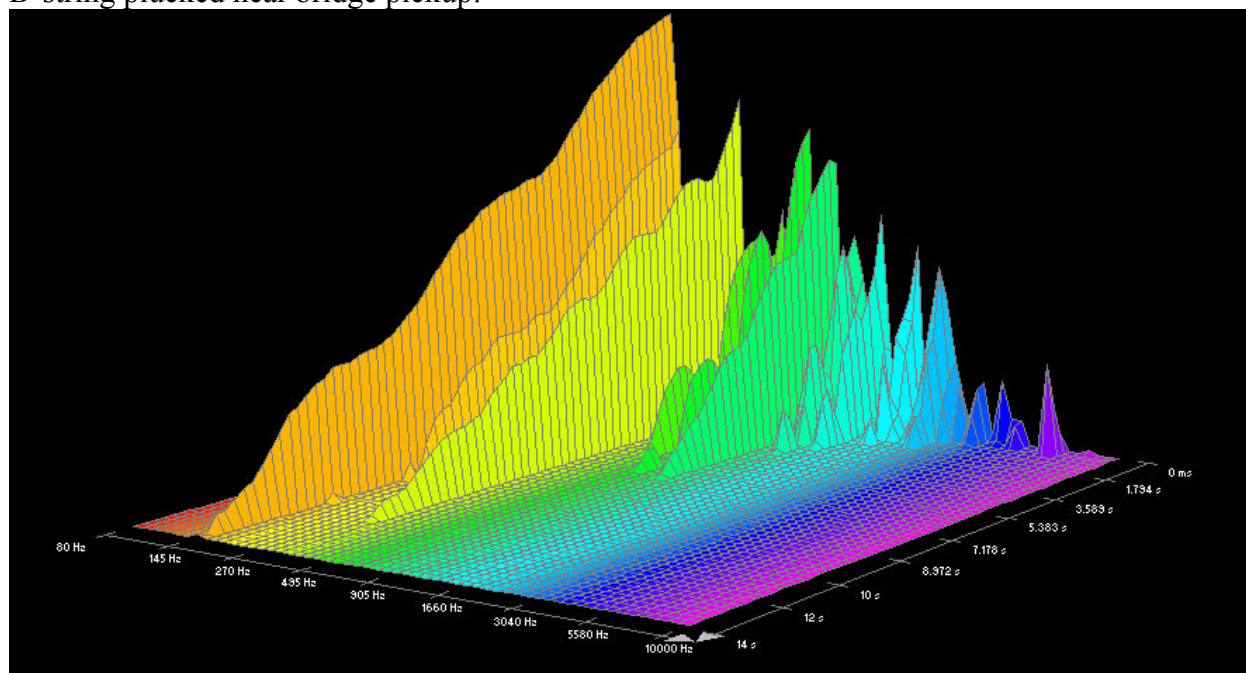
G-string plucked near bridge pickup:



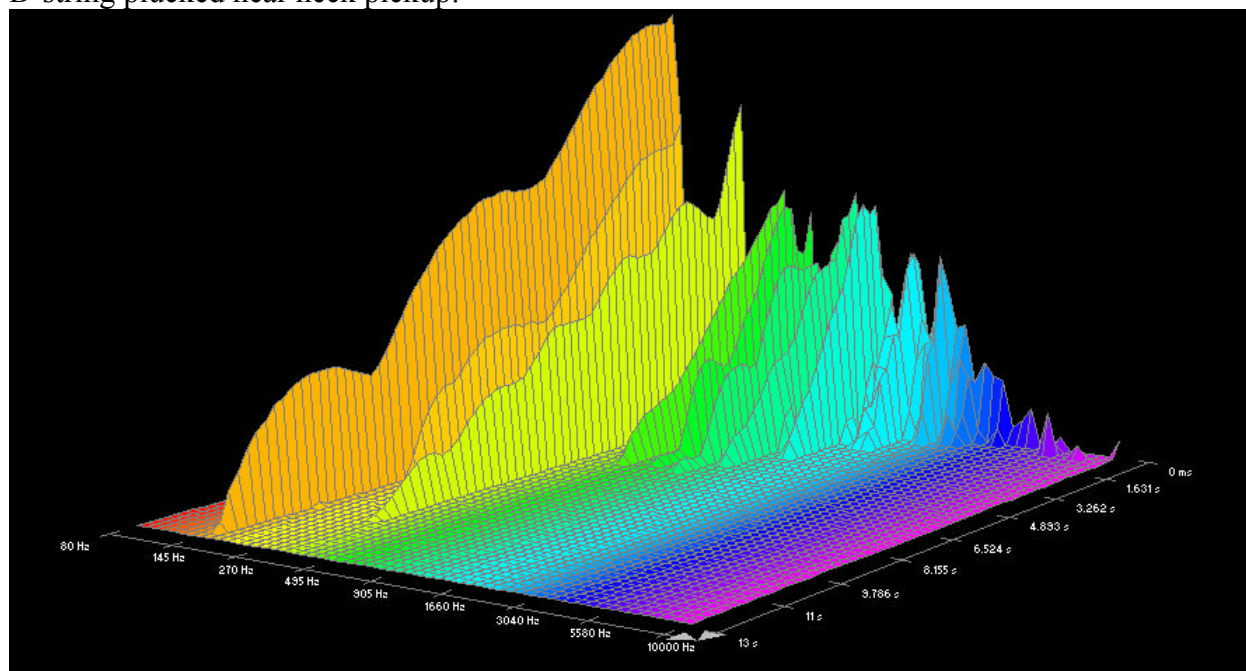
G-string plucked near neck pickup:



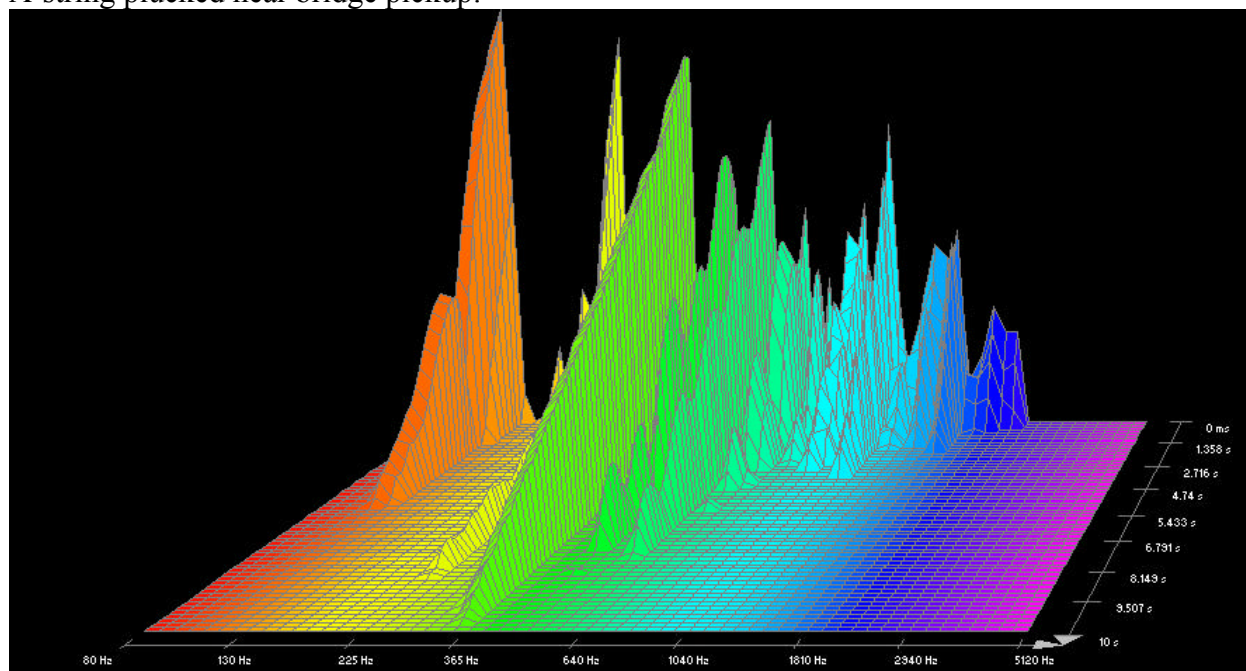
D-string plucked near bridge pickup:



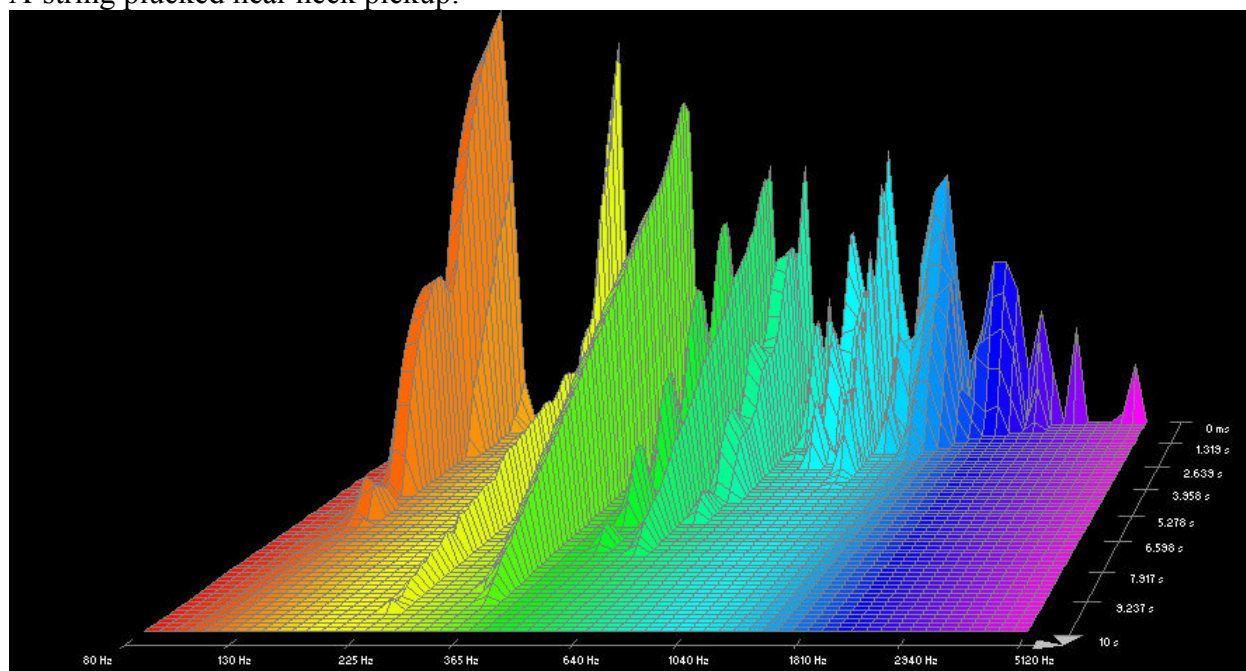
D-string plucked near neck pickup:



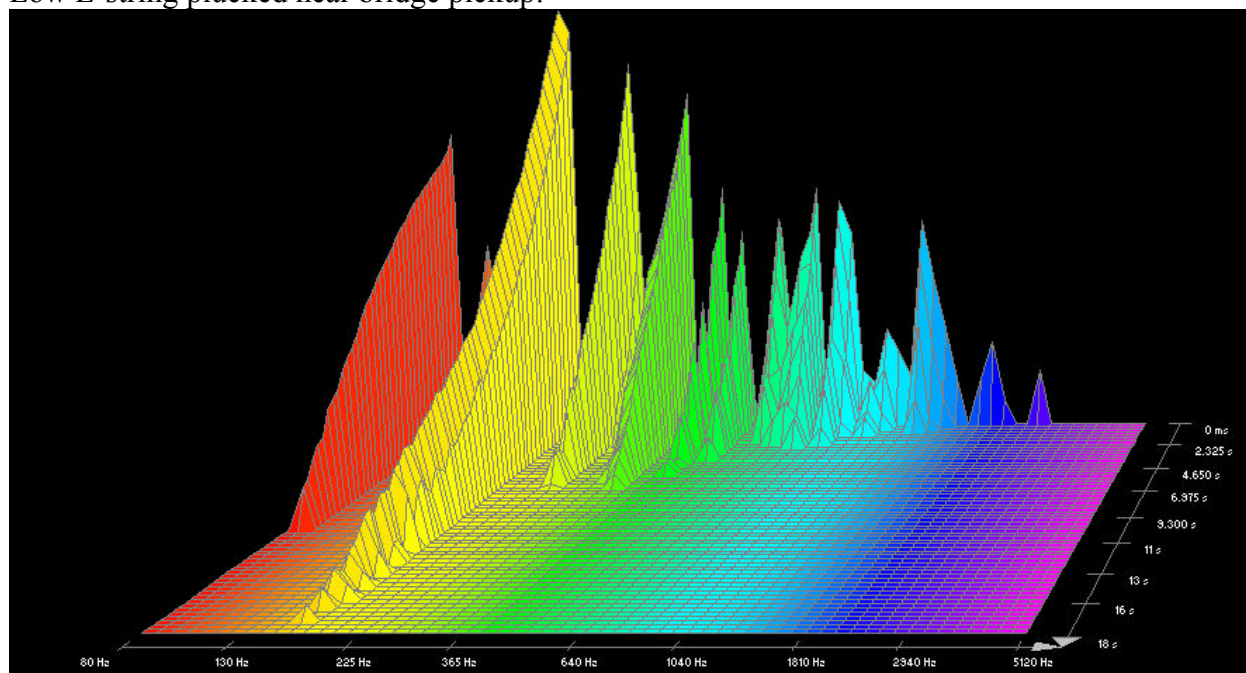
A-string plucked near bridge pickup:



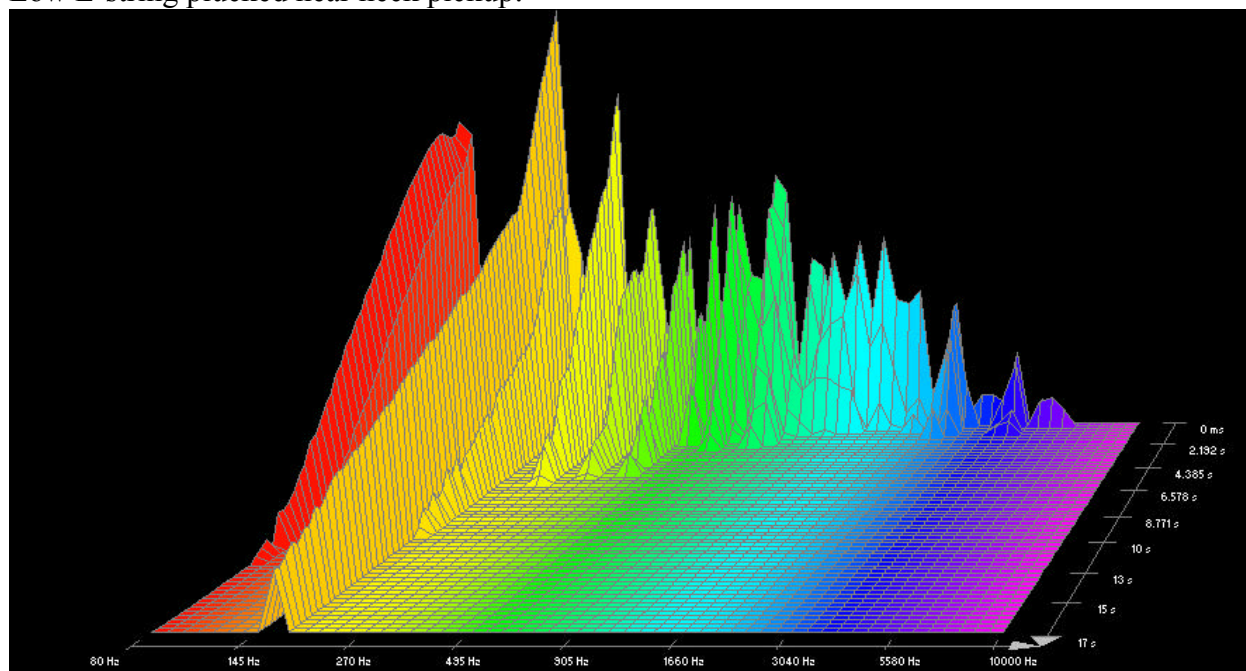
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

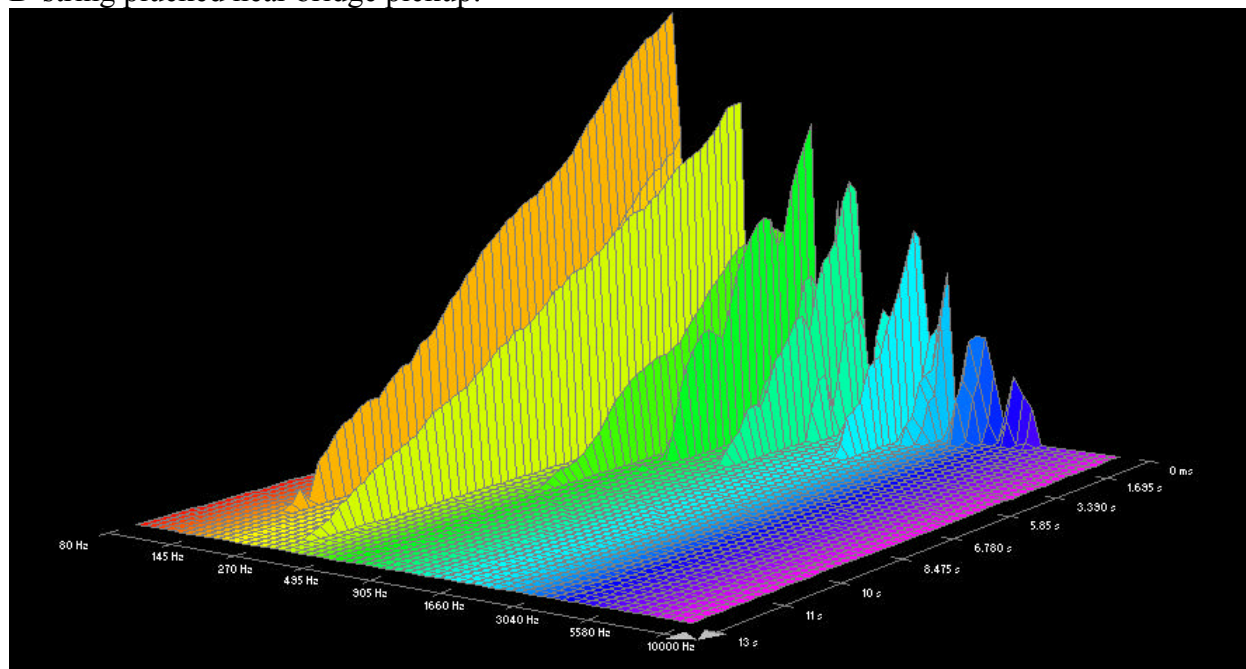


Low E-string plucked near neck pickup:

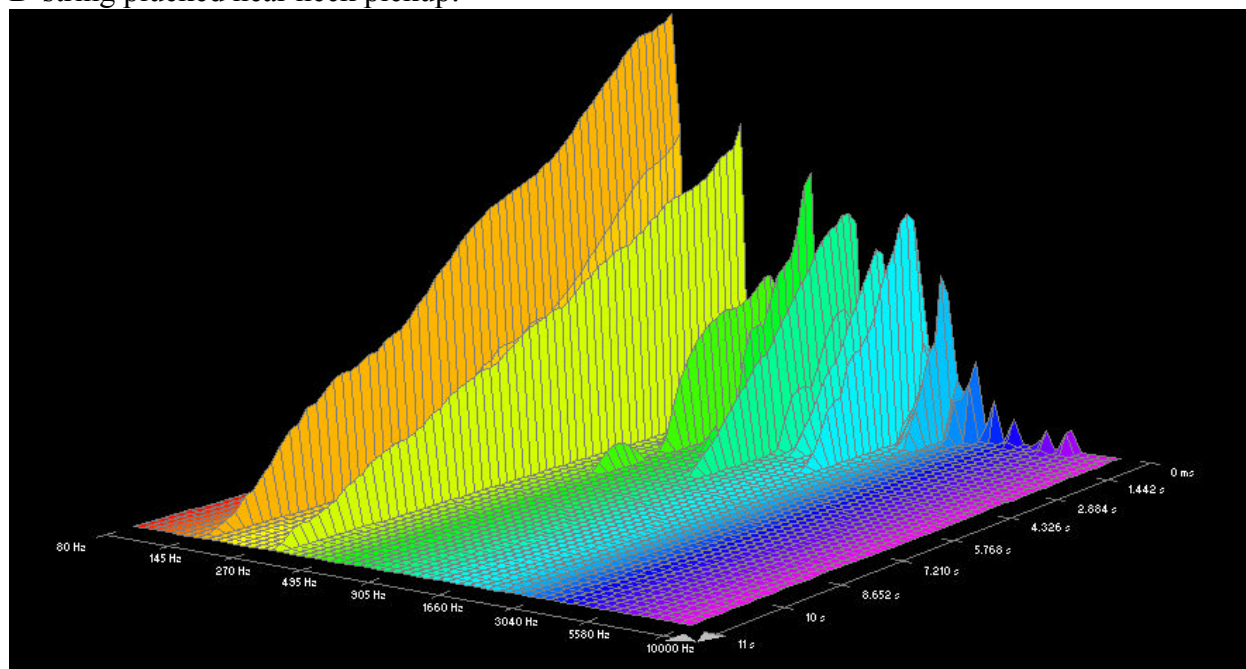


## D'addario Round Wound, Stainless Steel (XSG):

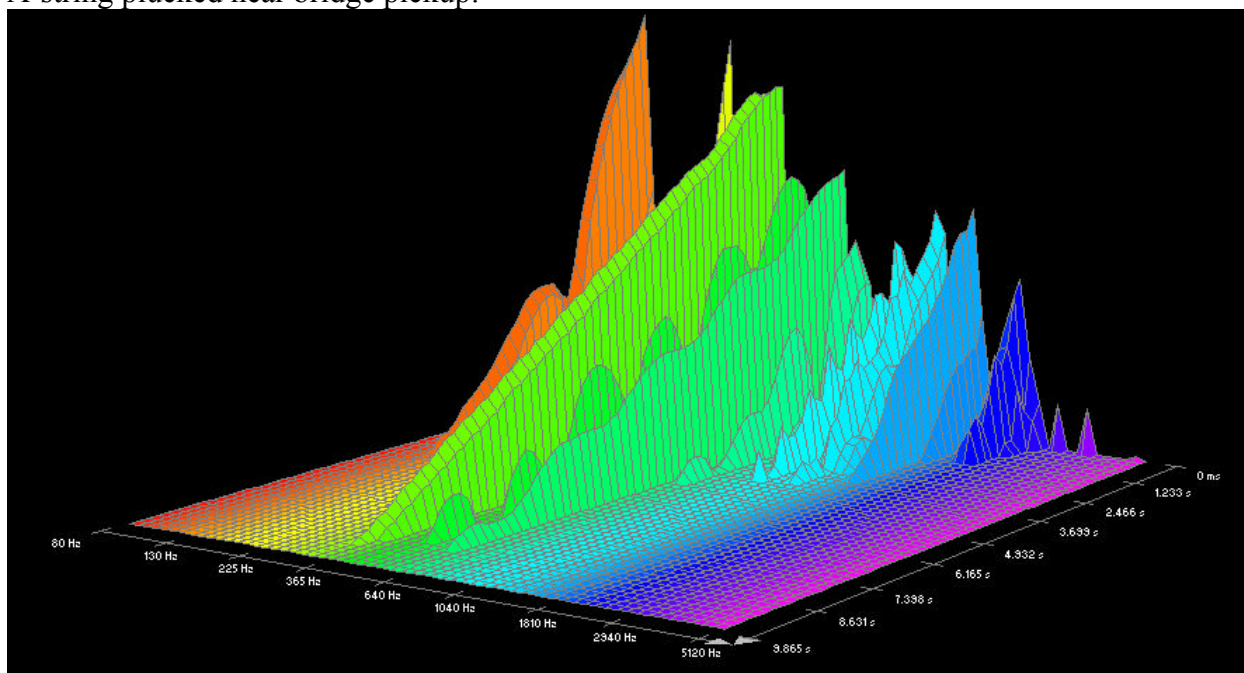
D-string plucked near bridge pickup:



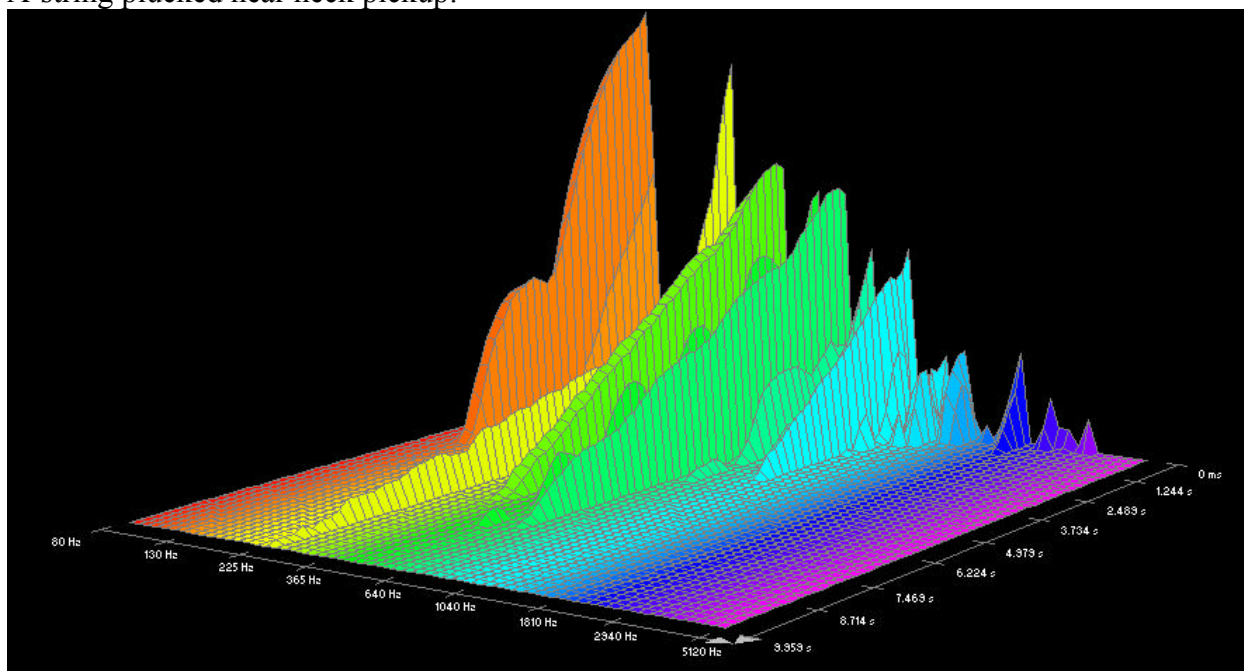
D-string plucked near neck pickup:



A-string plucked near bridge pickup:

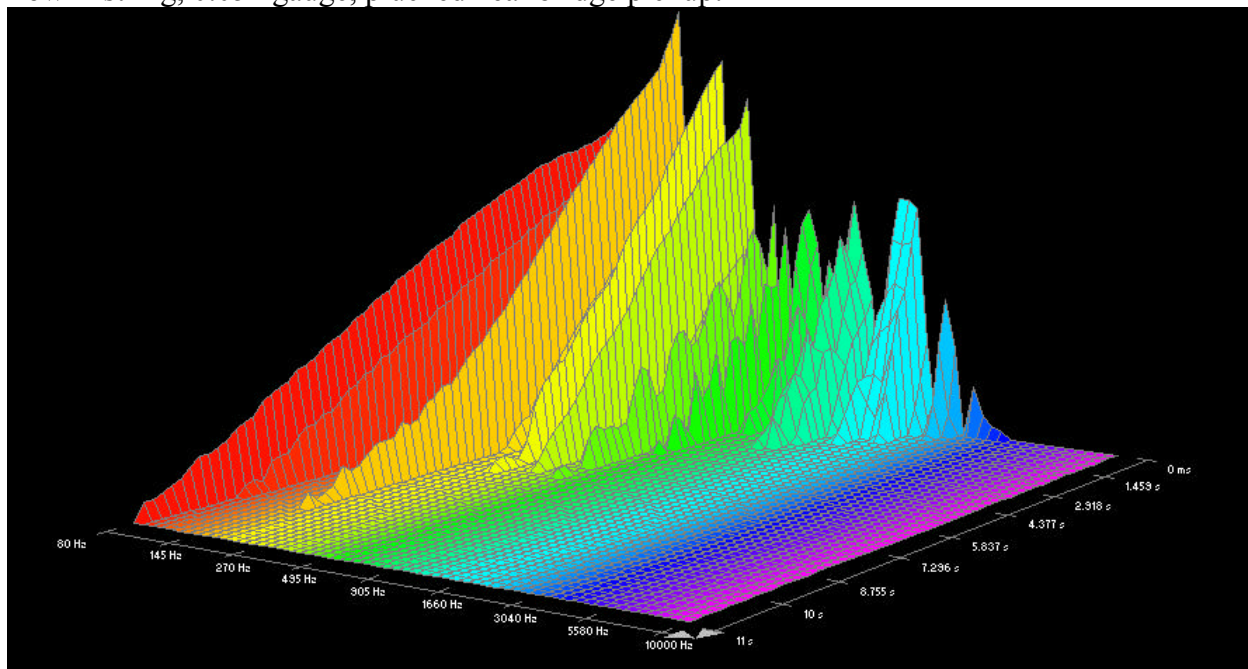


A-string plucked near neck pickup:

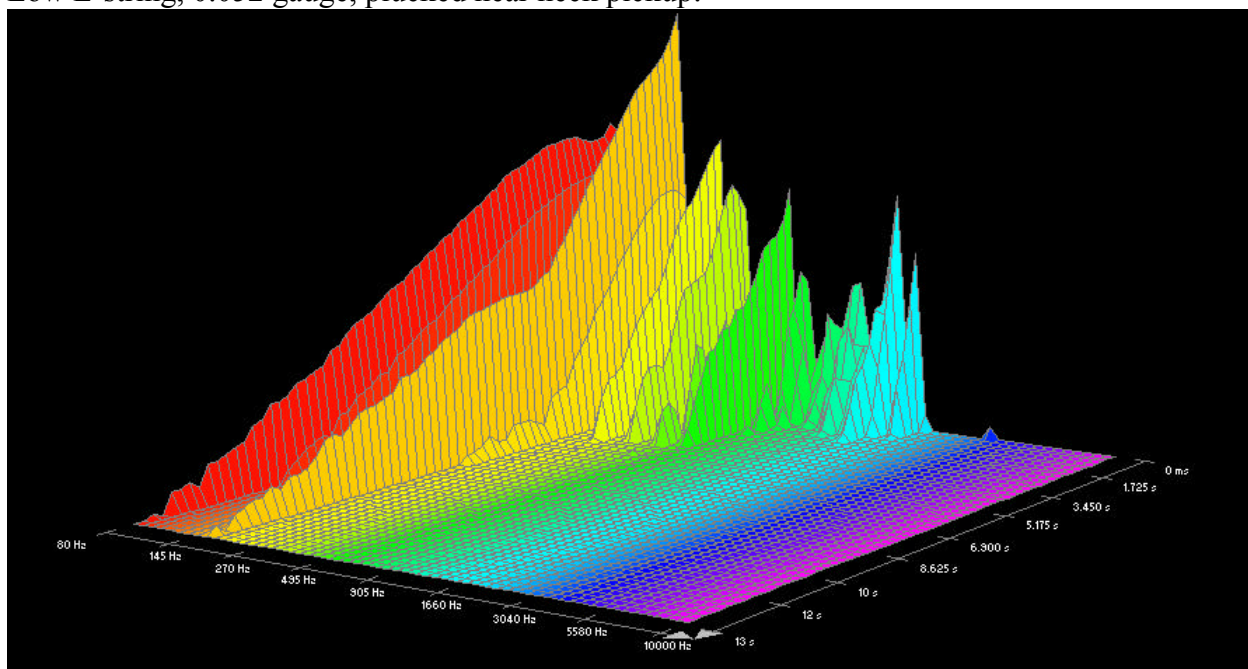




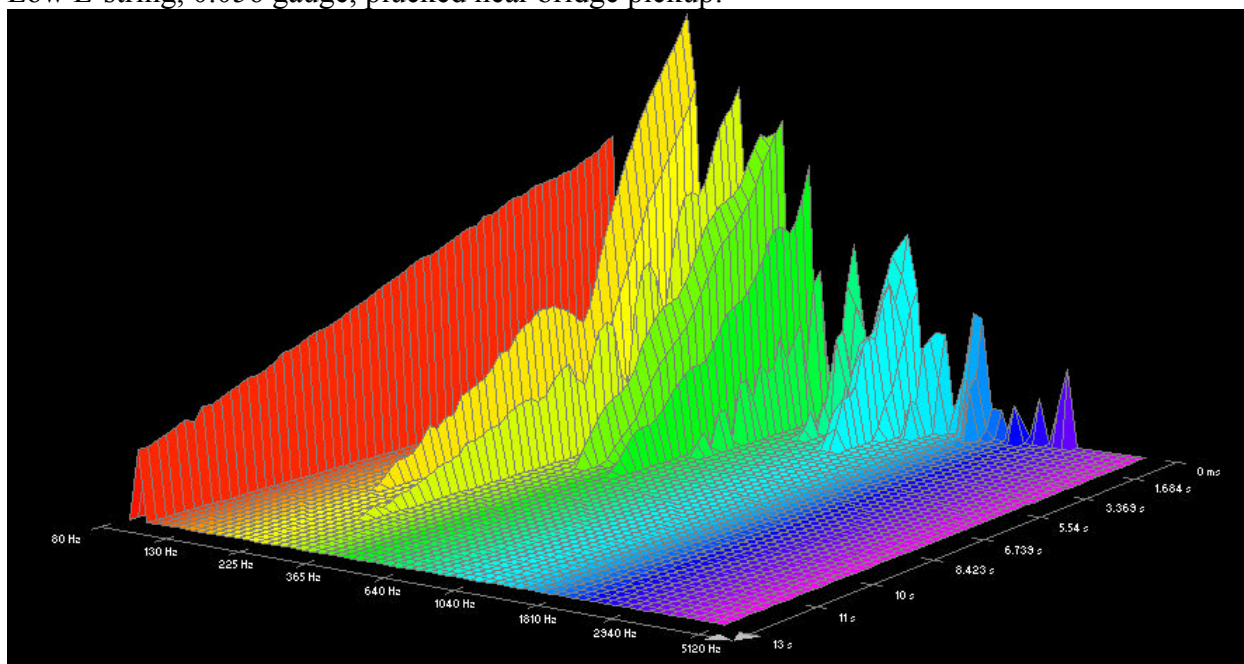
Low E-string, 0.052 gauge, plucked near bridge pickup:



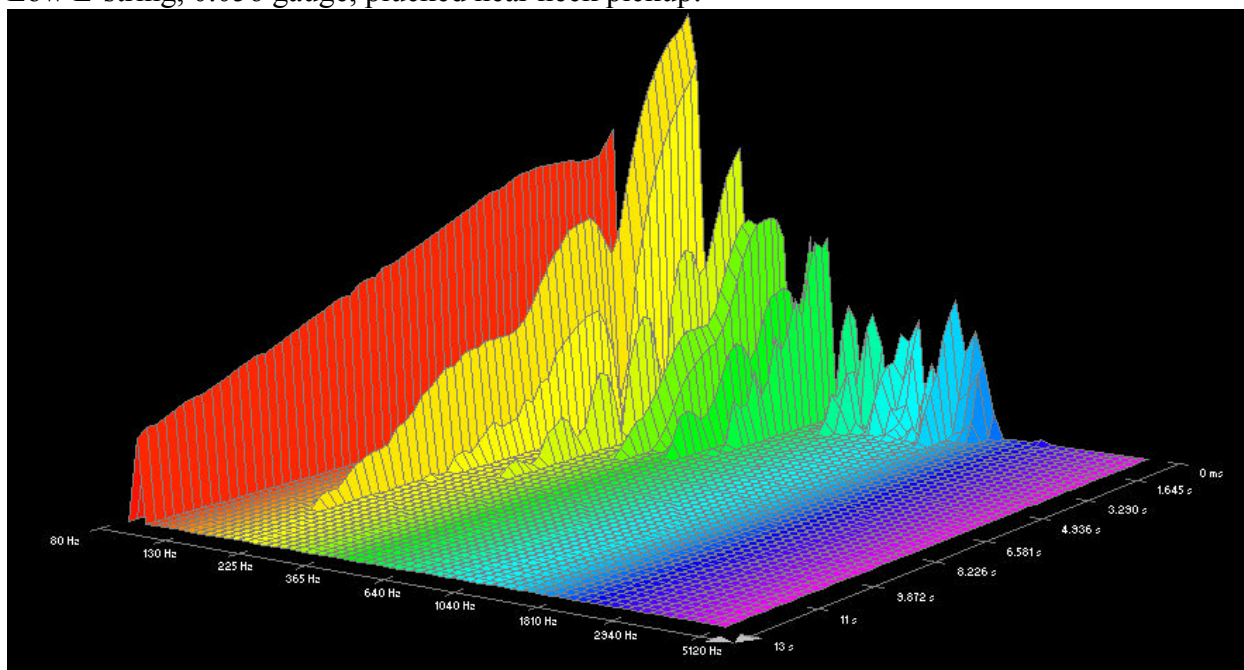
Low E-string, 0.052 gauge, plucked near neck pickup:



Low E-string, 0.056 gauge, plucked near bridge pickup:

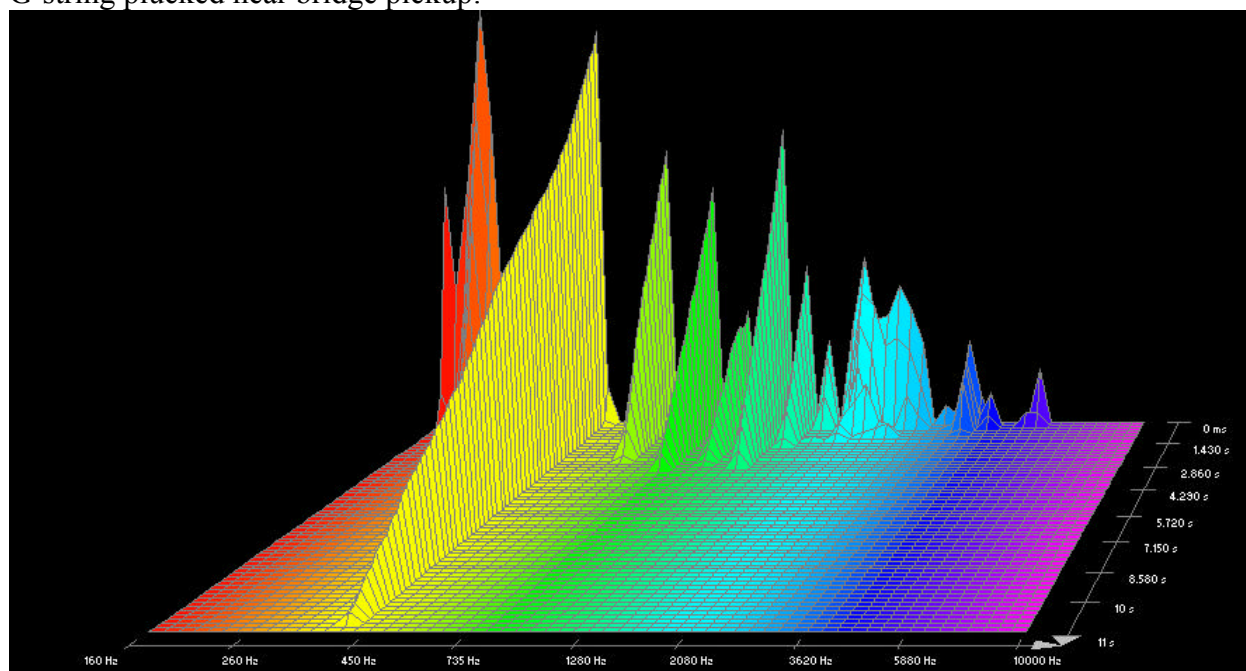


Low E-string, 0.056 gauge, plucked near neck pickup:

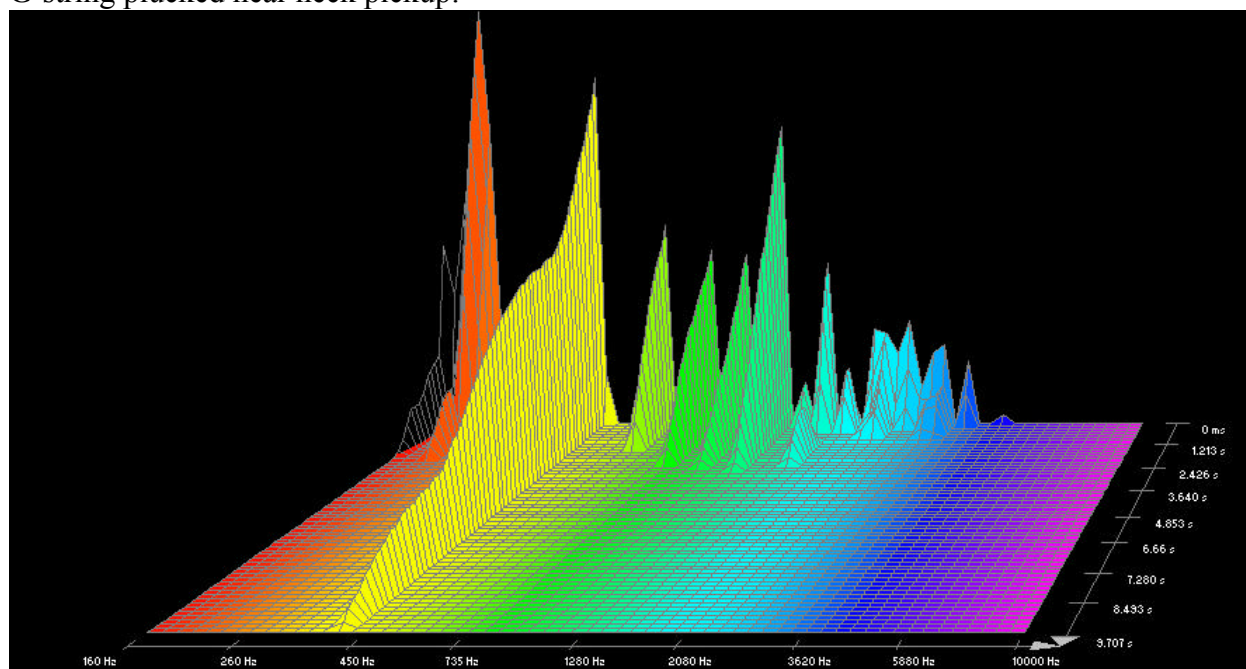


## D'addario 85/15 Bronze Wound (ZW):

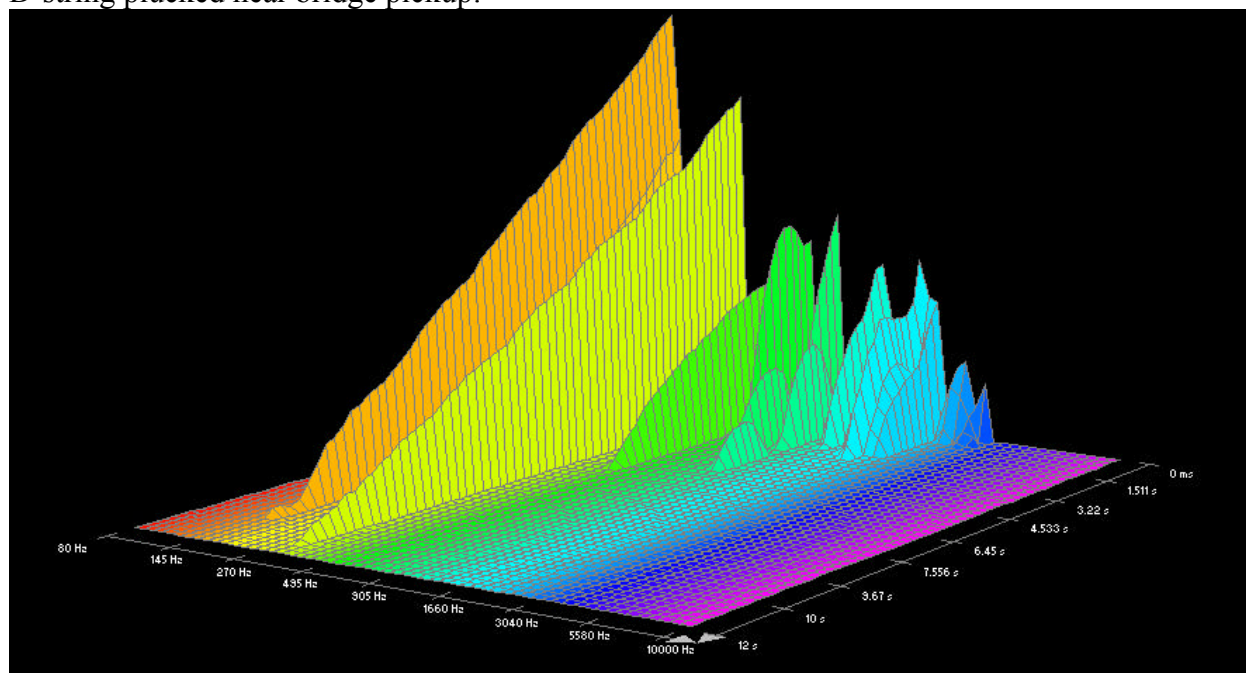
G-string plucked near bridge pickup:



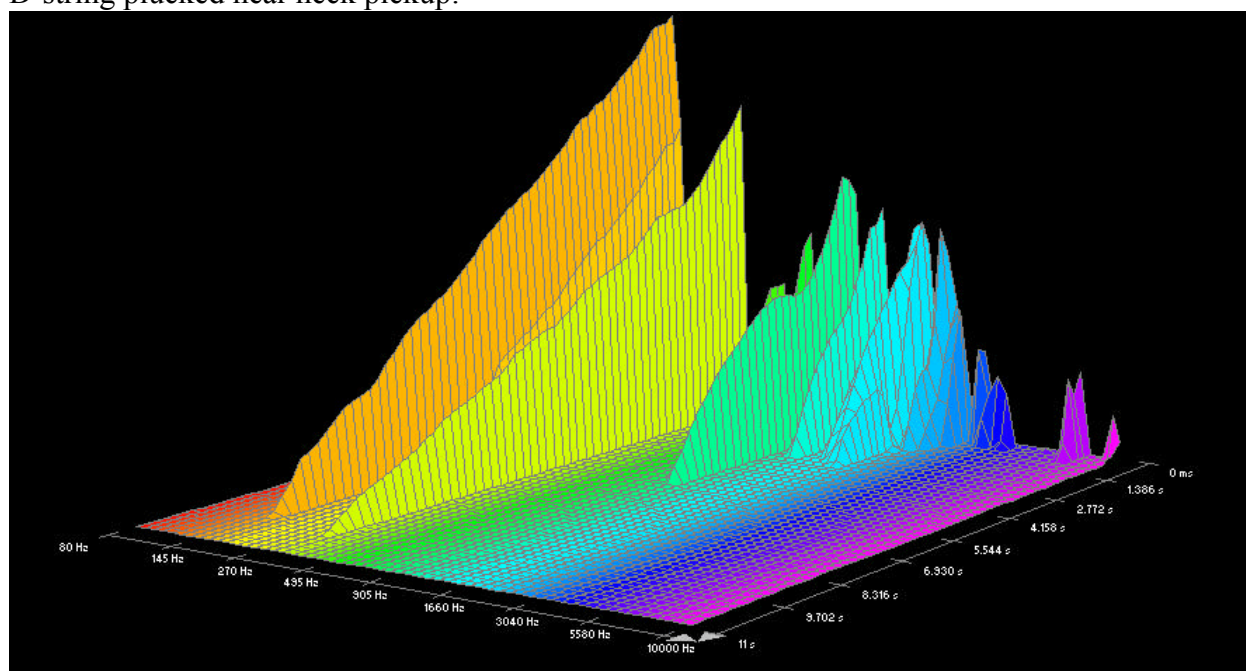
G-string plucked near neck pickup:



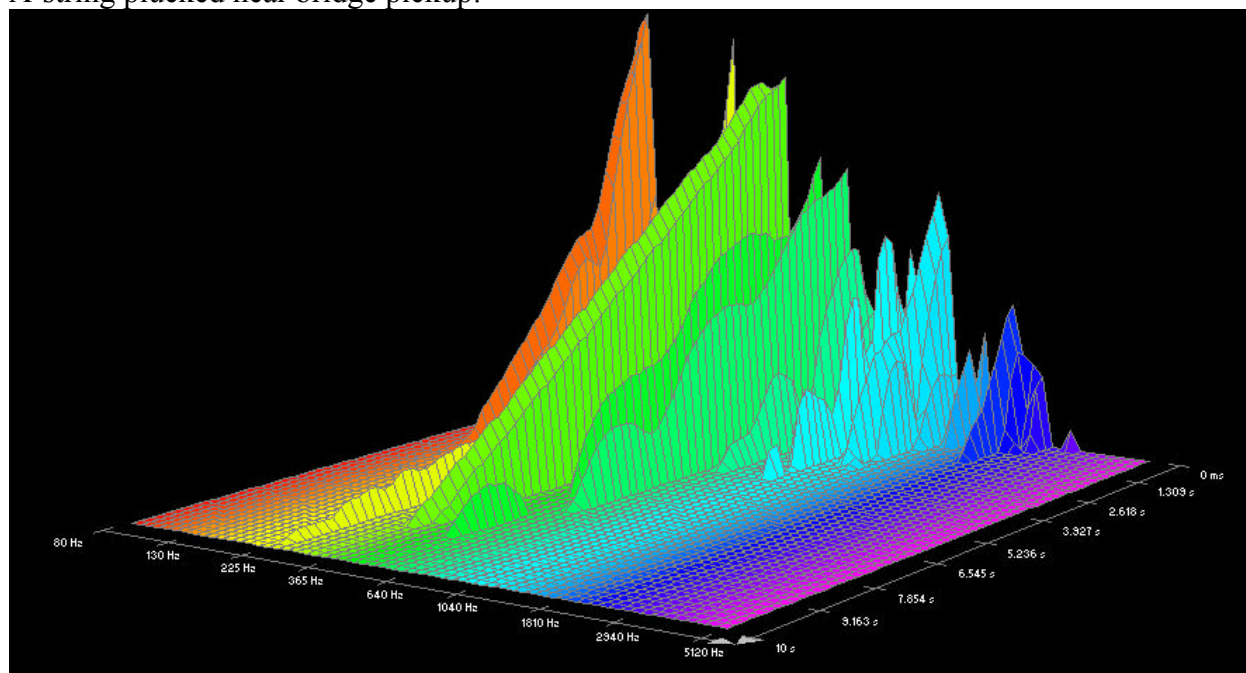
D-string plucked near bridge pickup:



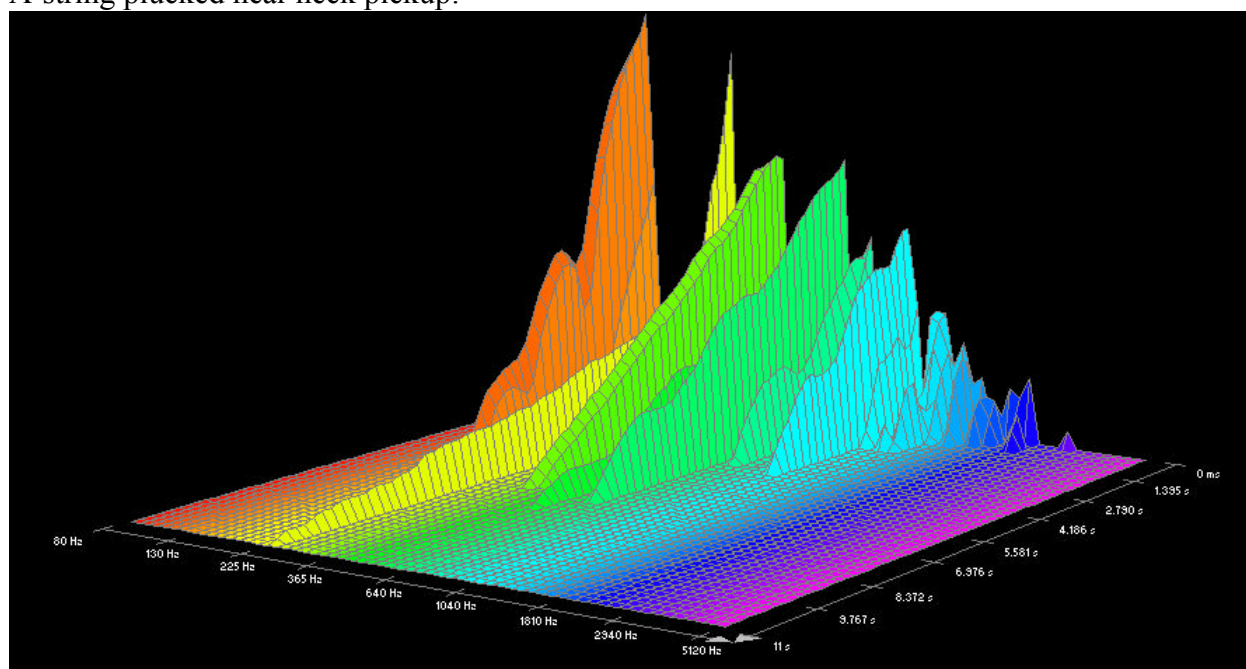
D-string plucked near neck pickup:



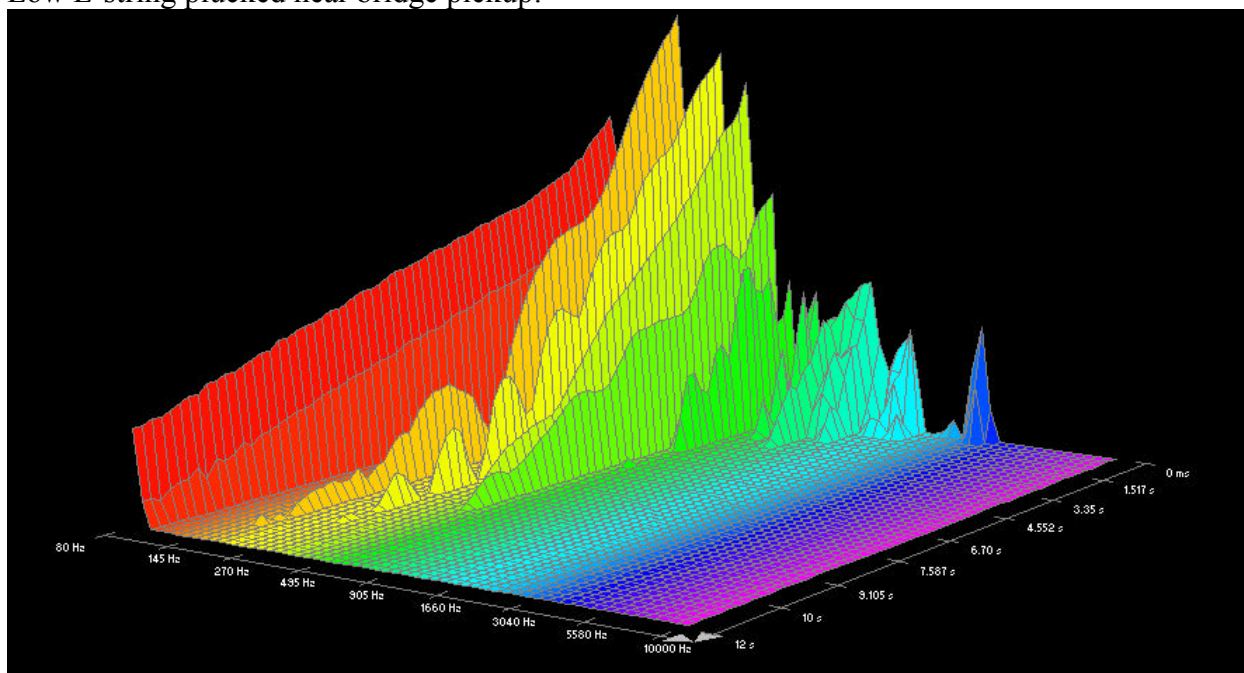
A-string plucked near bridge pickup:



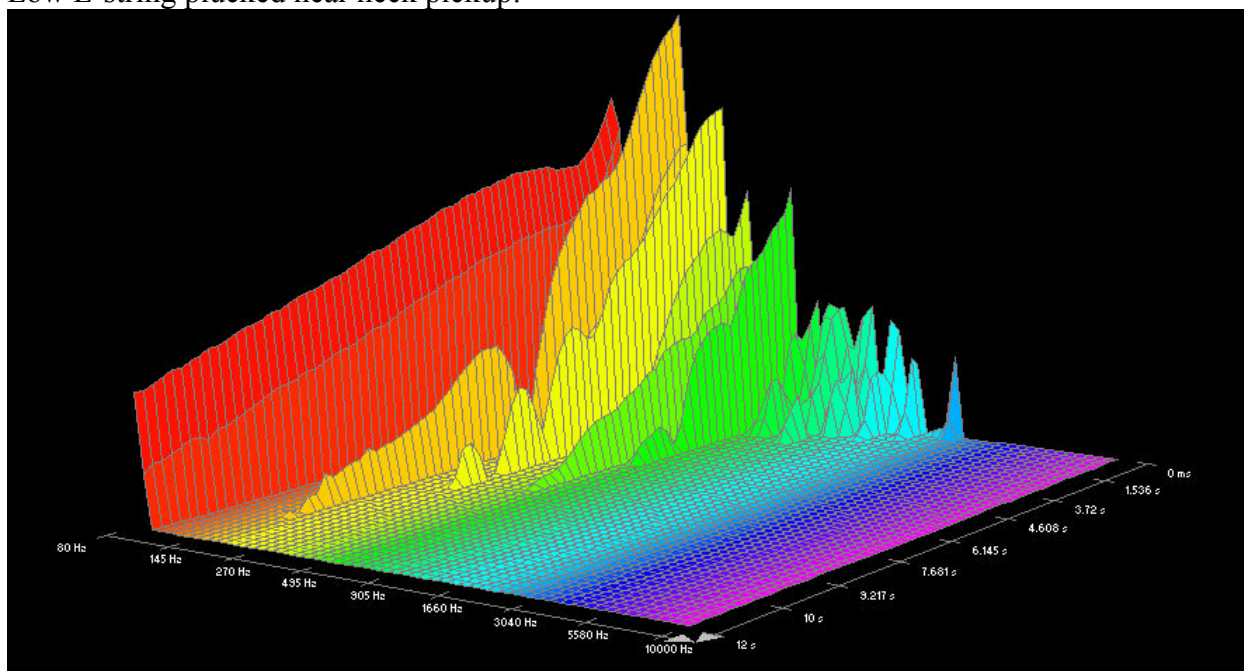
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

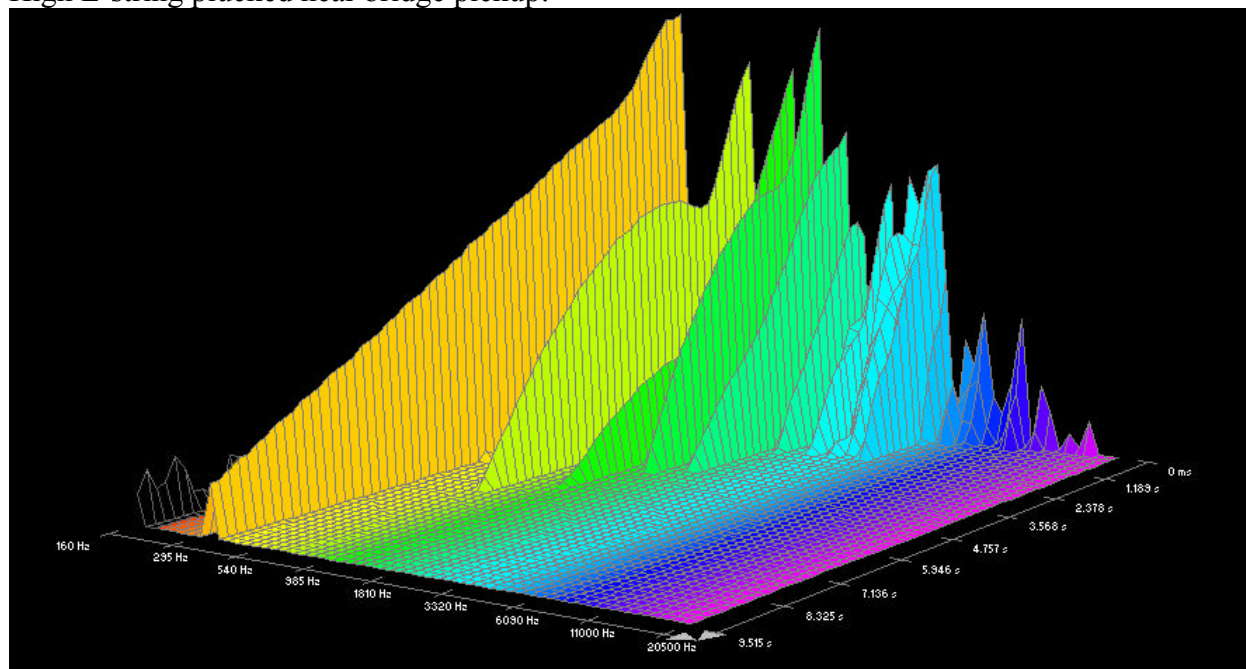


Low E-string plucked near neck pickup:

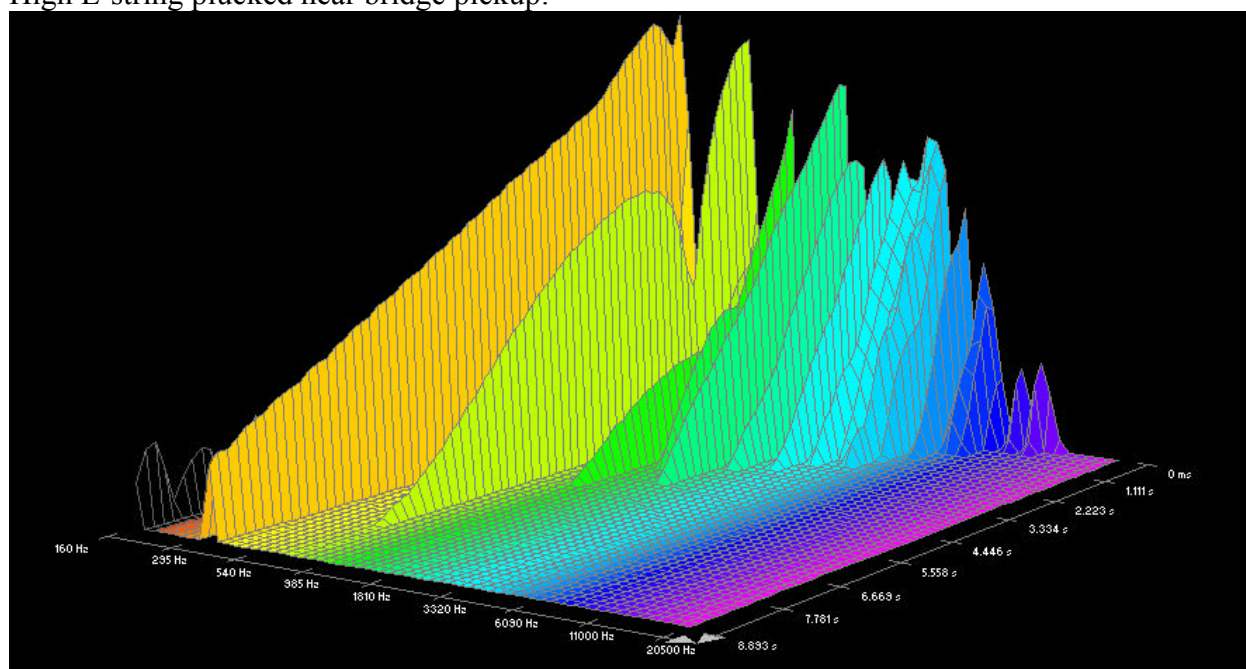


## Dean Markley, Blue Steel Cryogenic:

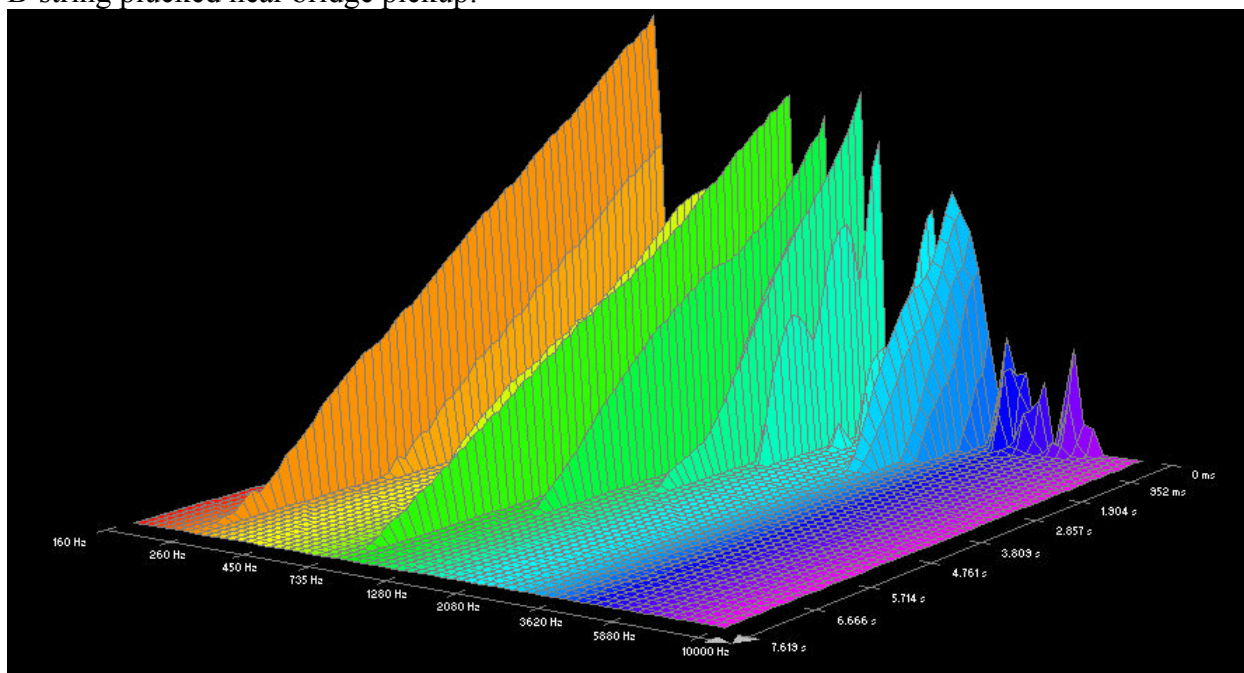
High E-string plucked near bridge pickup:



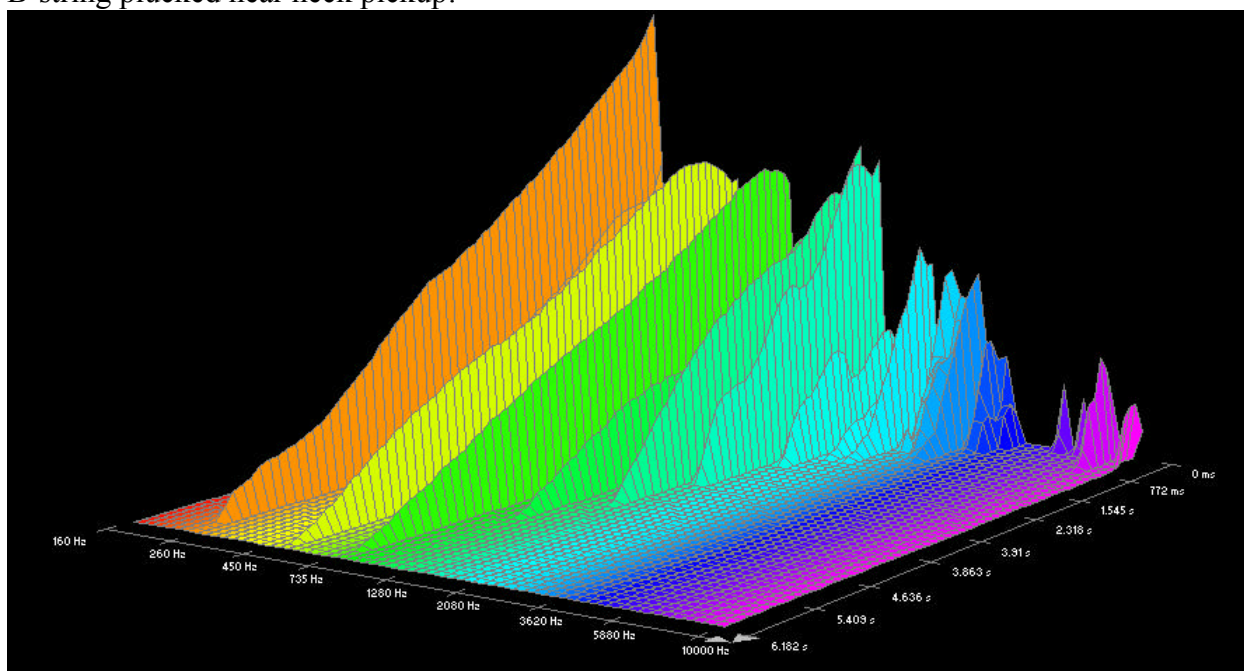
High E-string plucked near bridge pickup:



B-string plucked near bridge pickup:

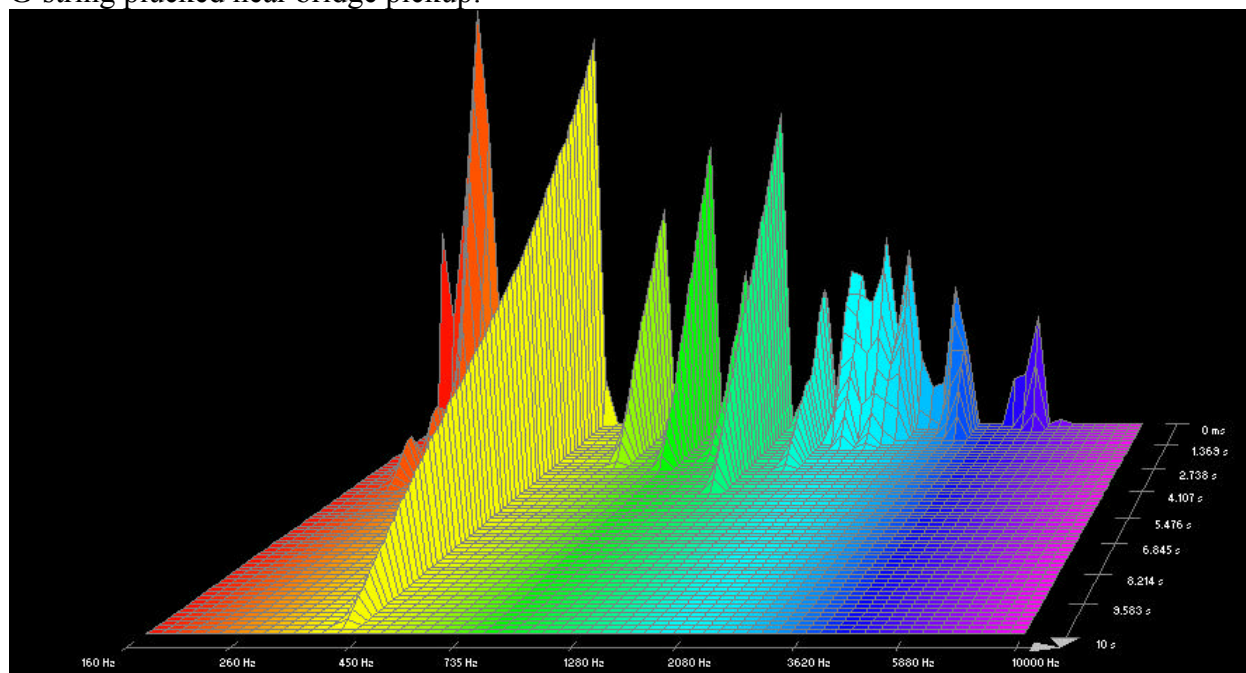


B-string plucked near neck pickup:

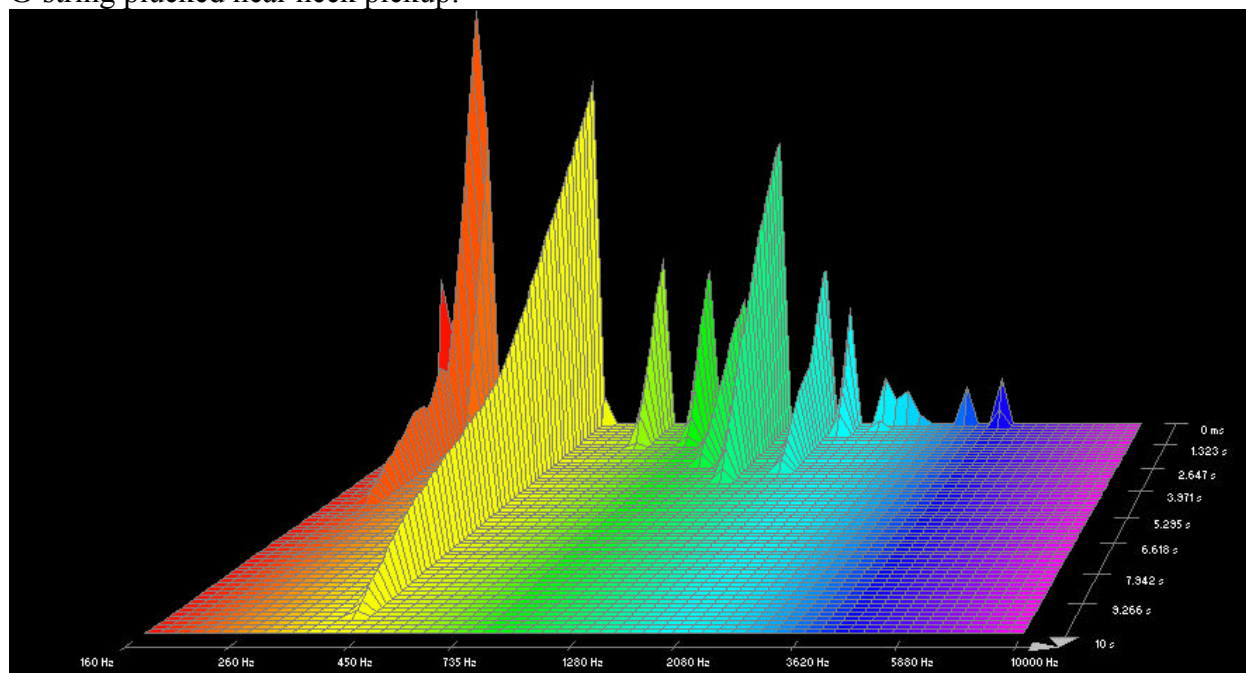




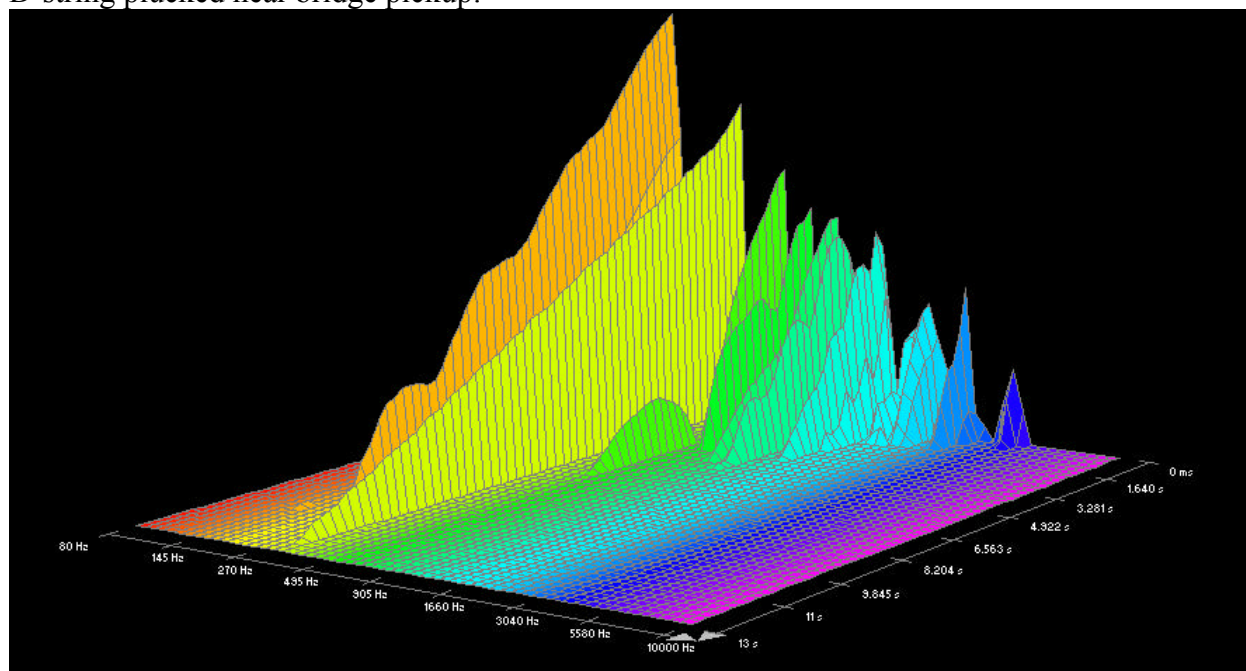
G-string plucked near bridge pickup:



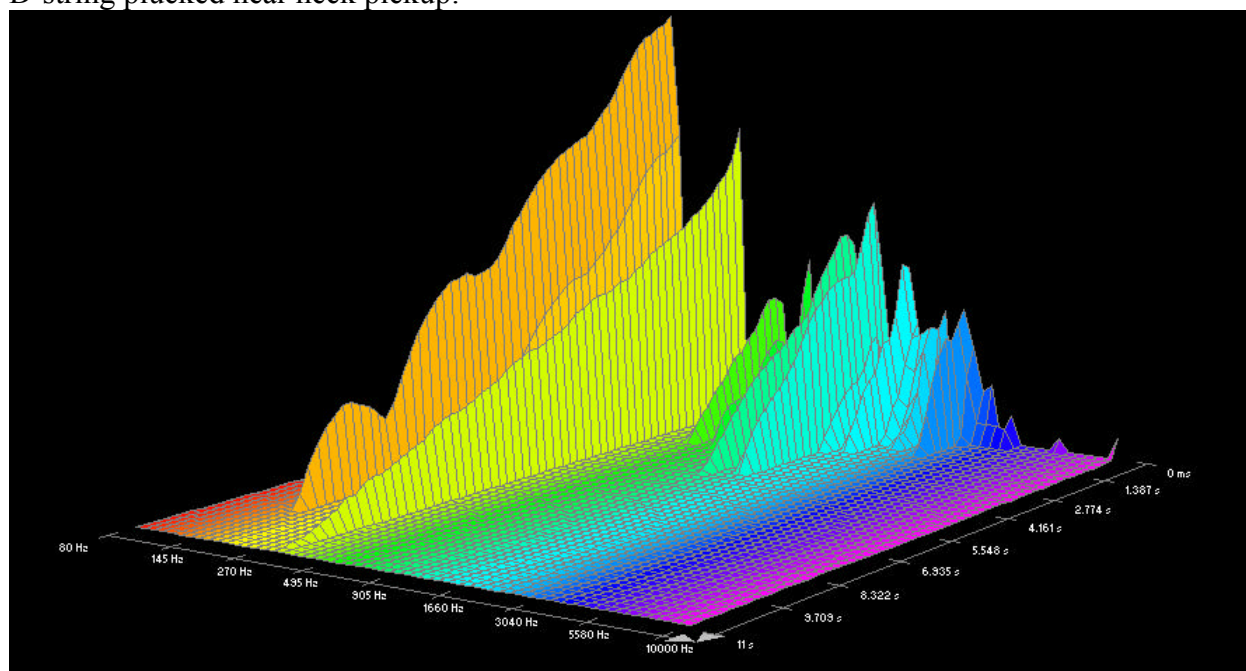
G-string plucked near neck pickup:



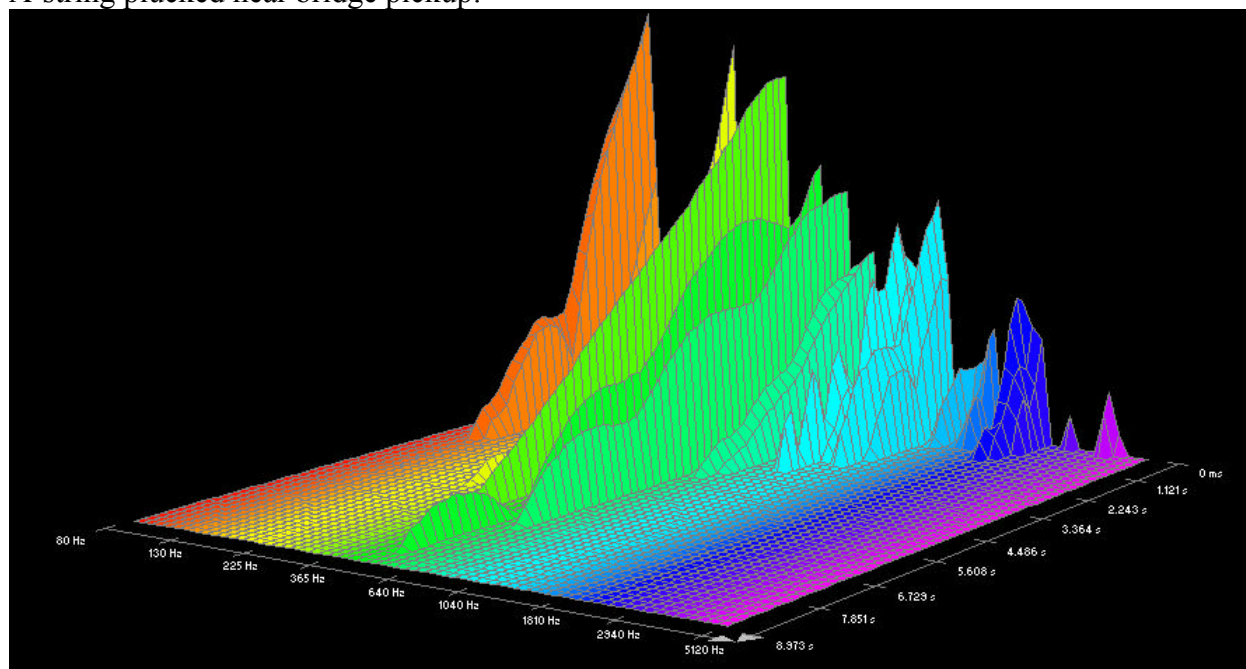
D-string plucked near bridge pickup:



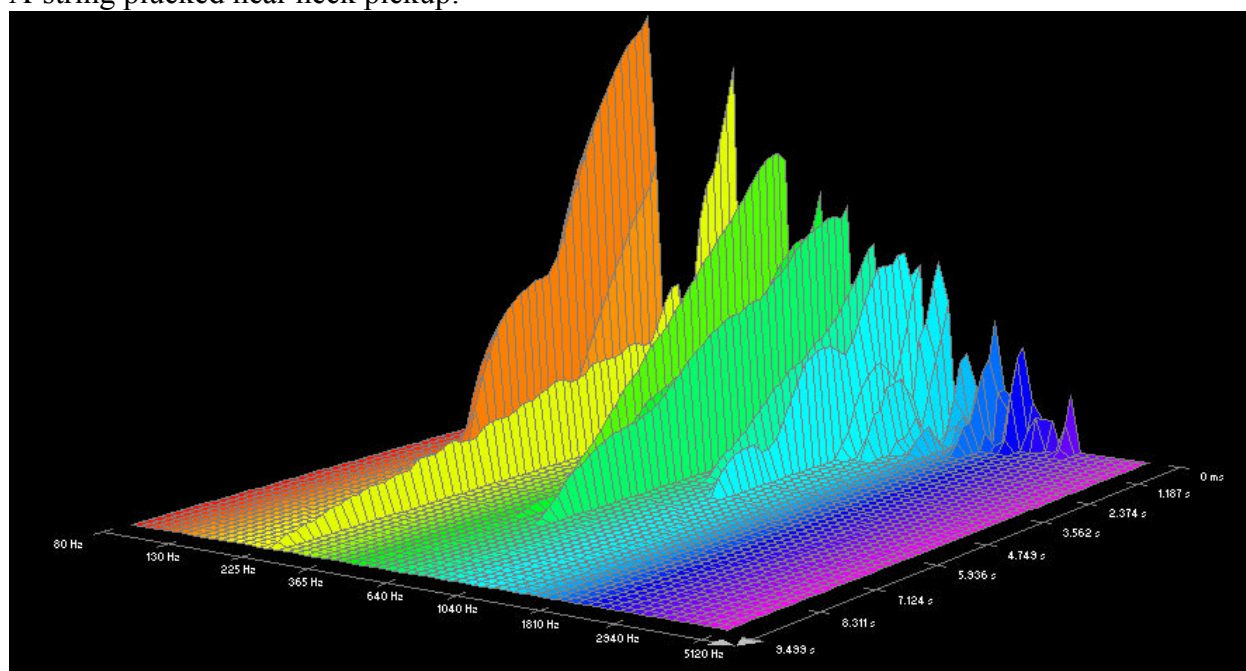
D-string plucked near neck pickup:



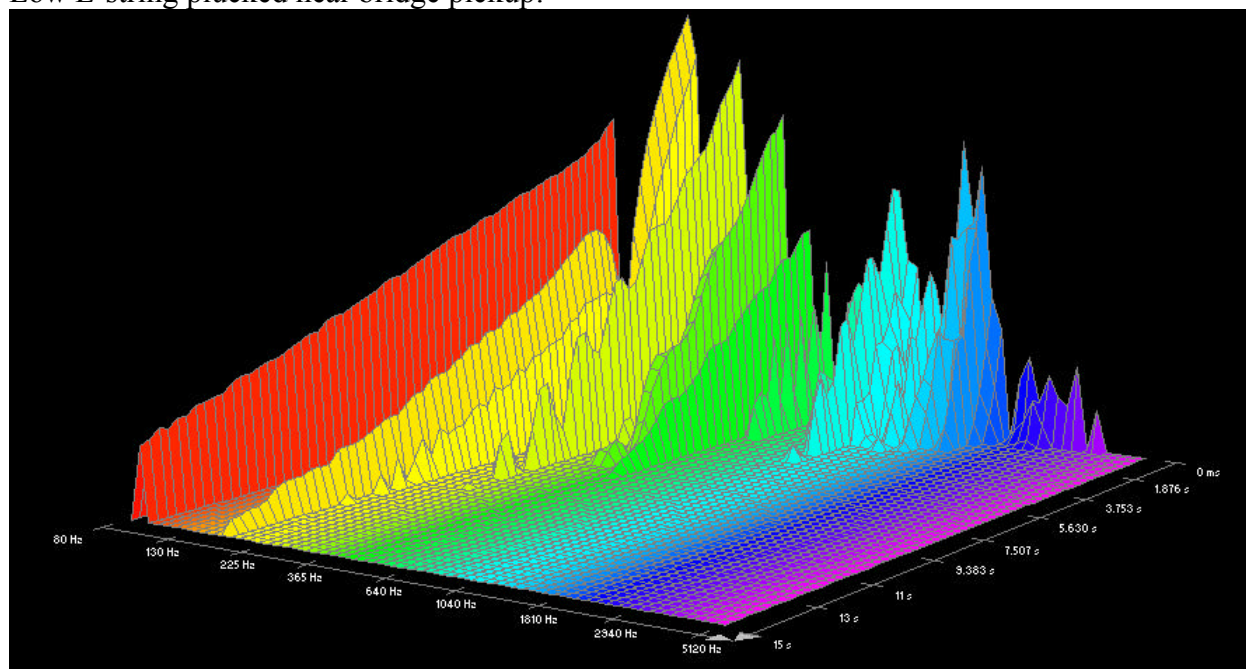
A-string plucked near bridge pickup:



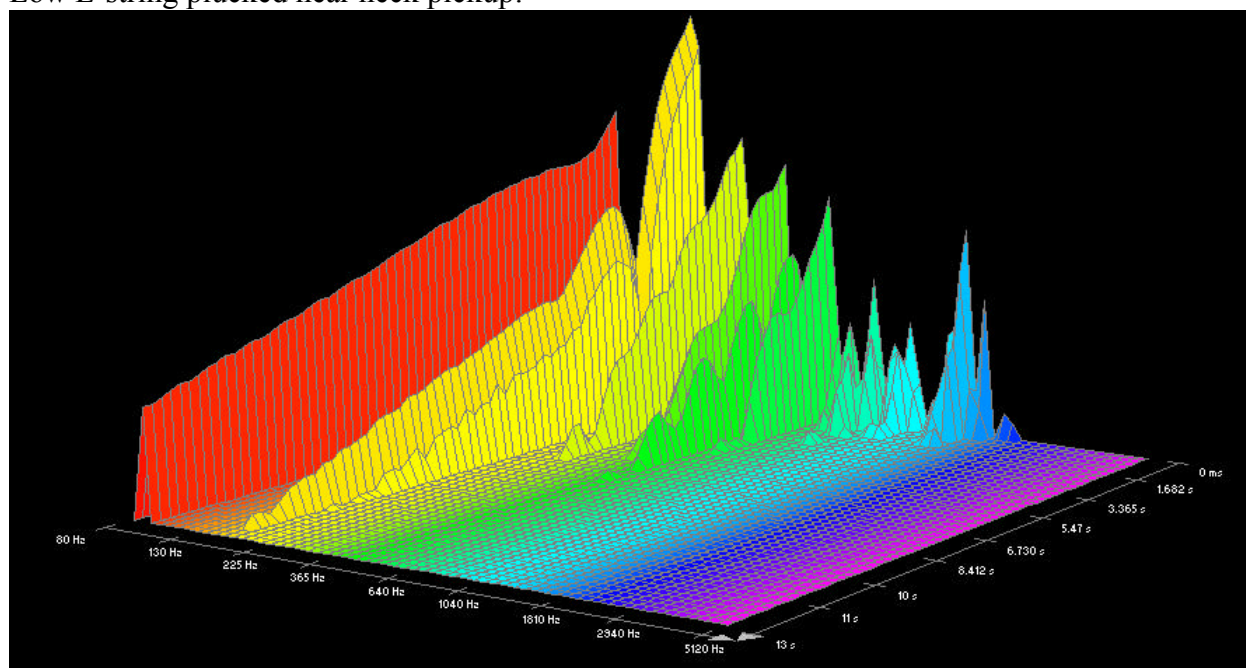
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

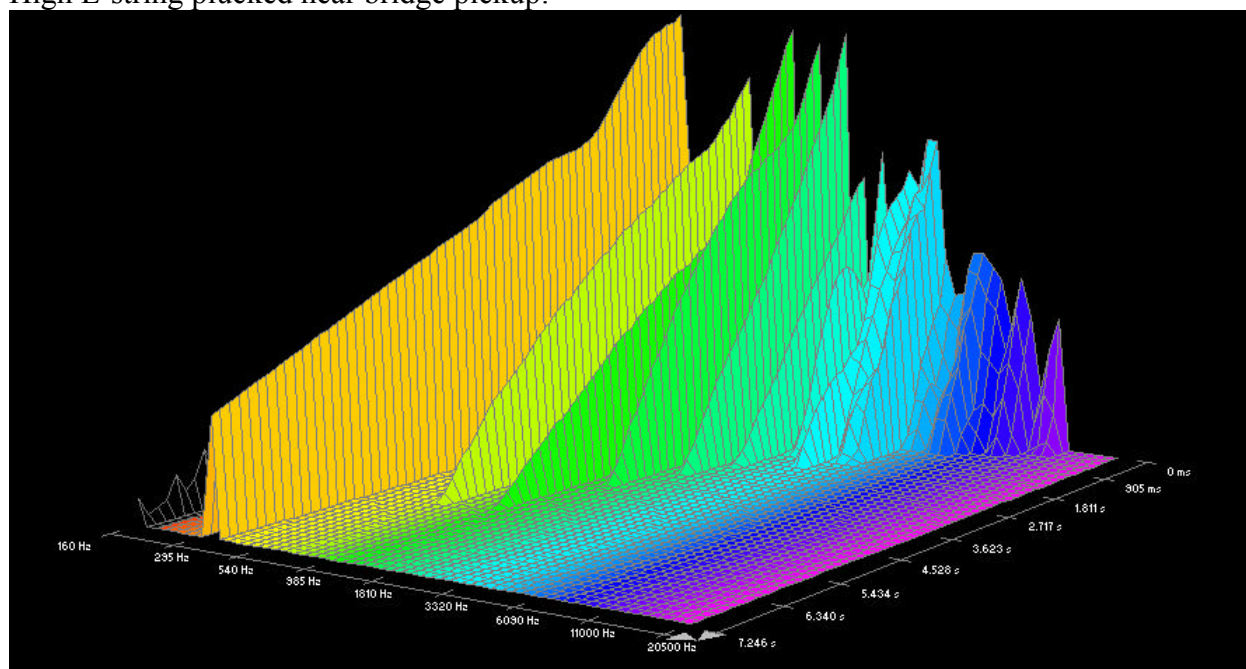


Low E-string plucked near neck pickup:

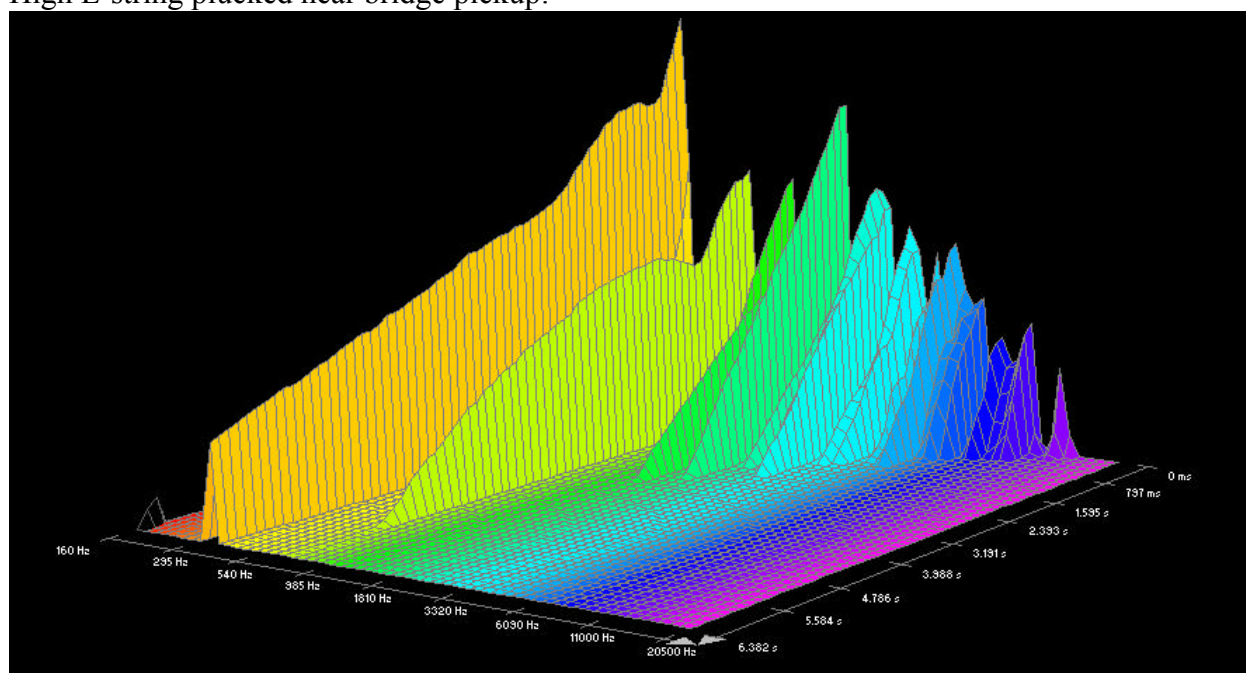


## Dean Markley, Formula 82R:

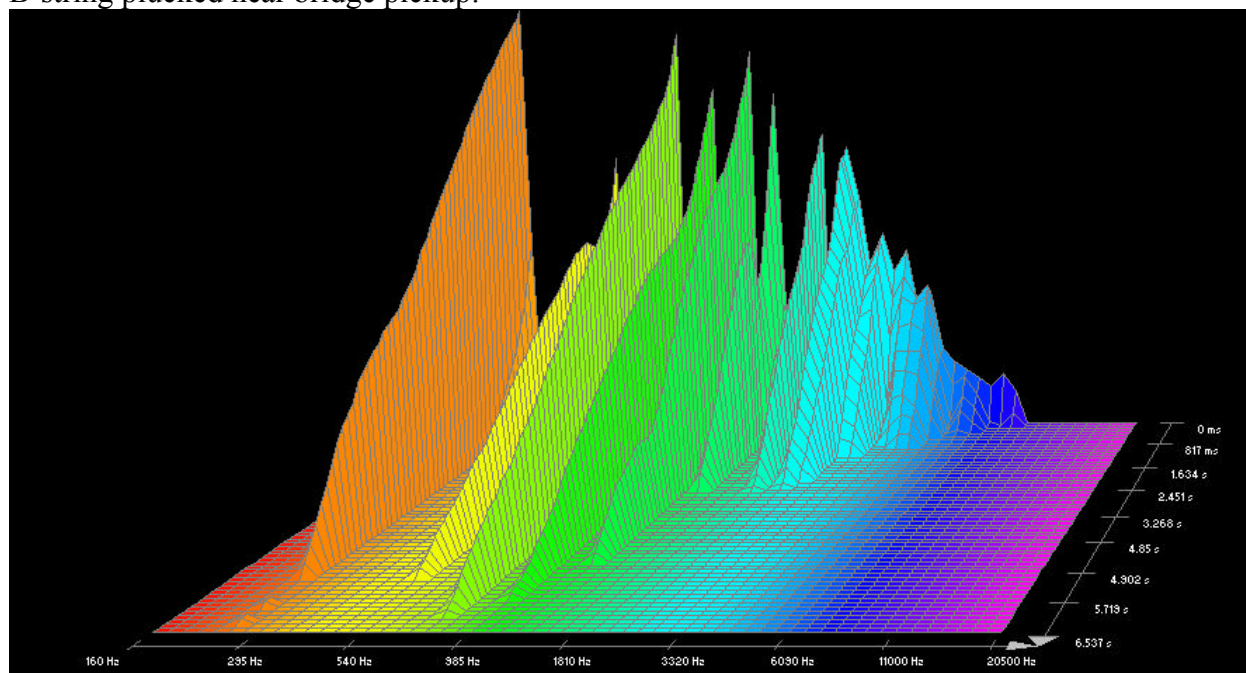
High E-string plucked near bridge pickup:



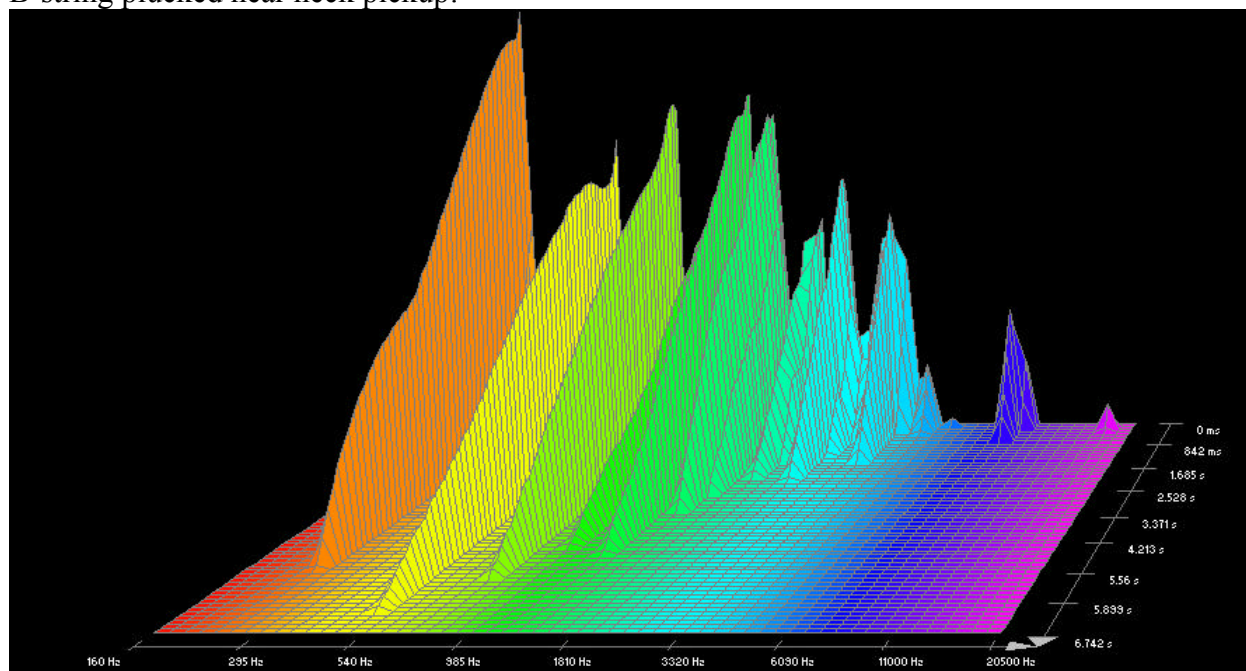
High E-string plucked near bridge pickup:



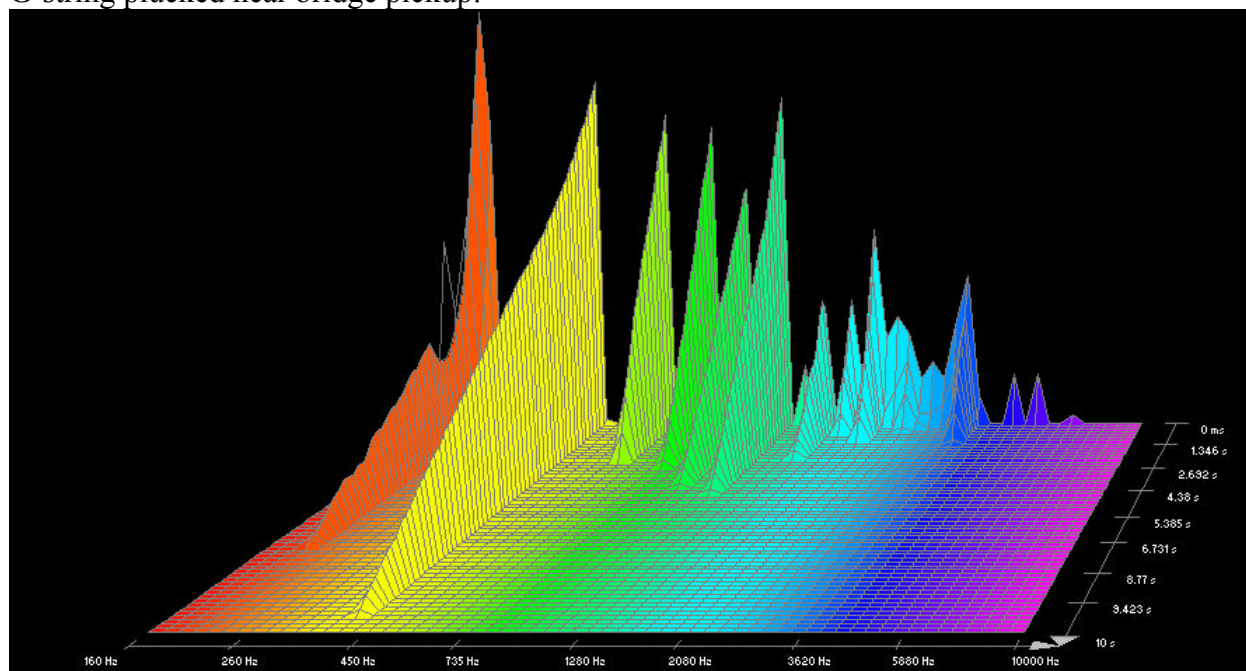
B-string plucked near bridge pickup:



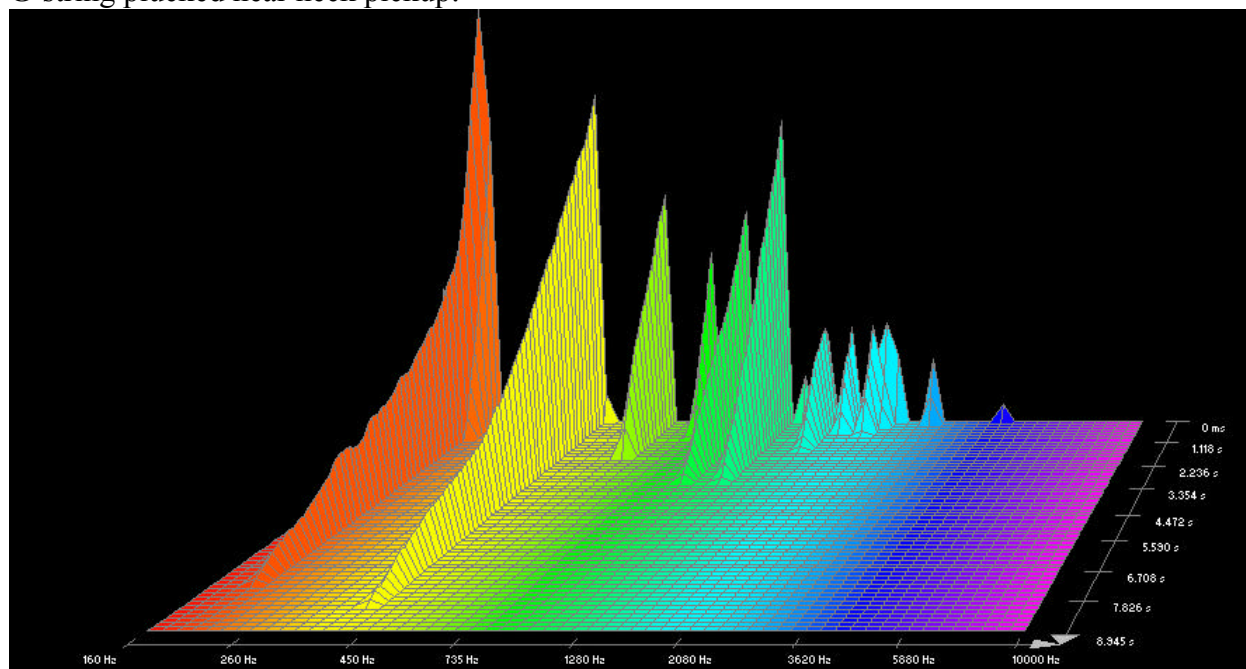
B-string plucked near neck pickup:



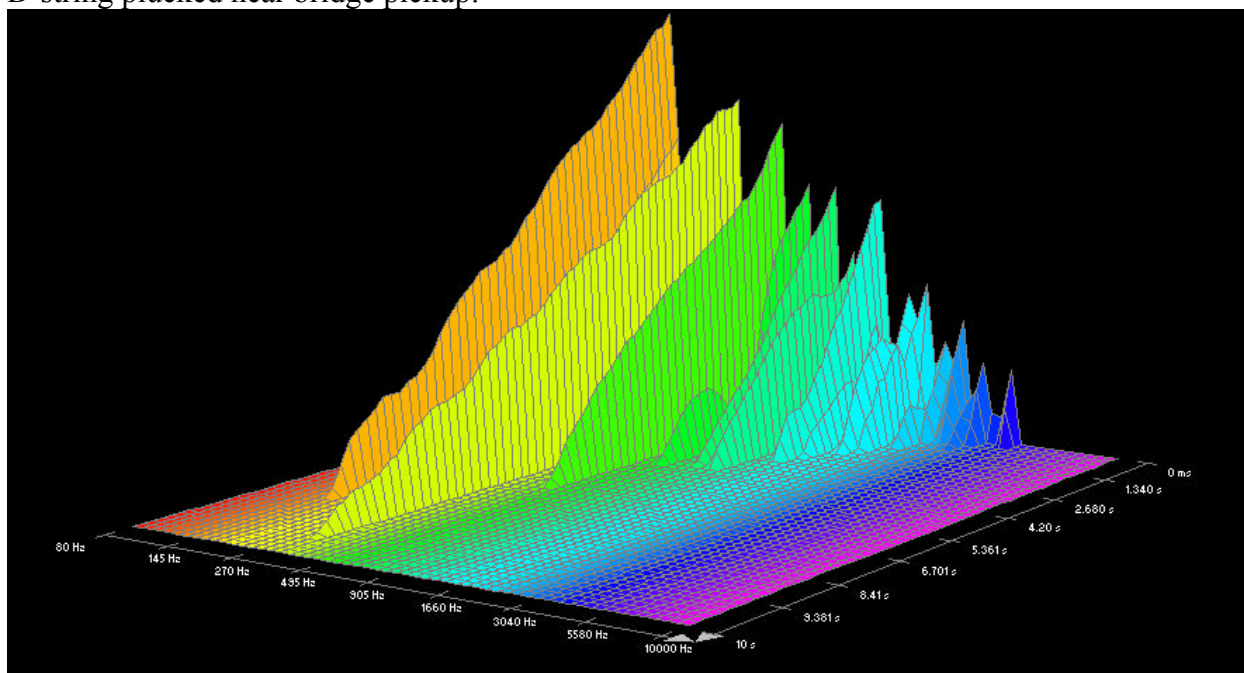
G-string plucked near bridge pickup:



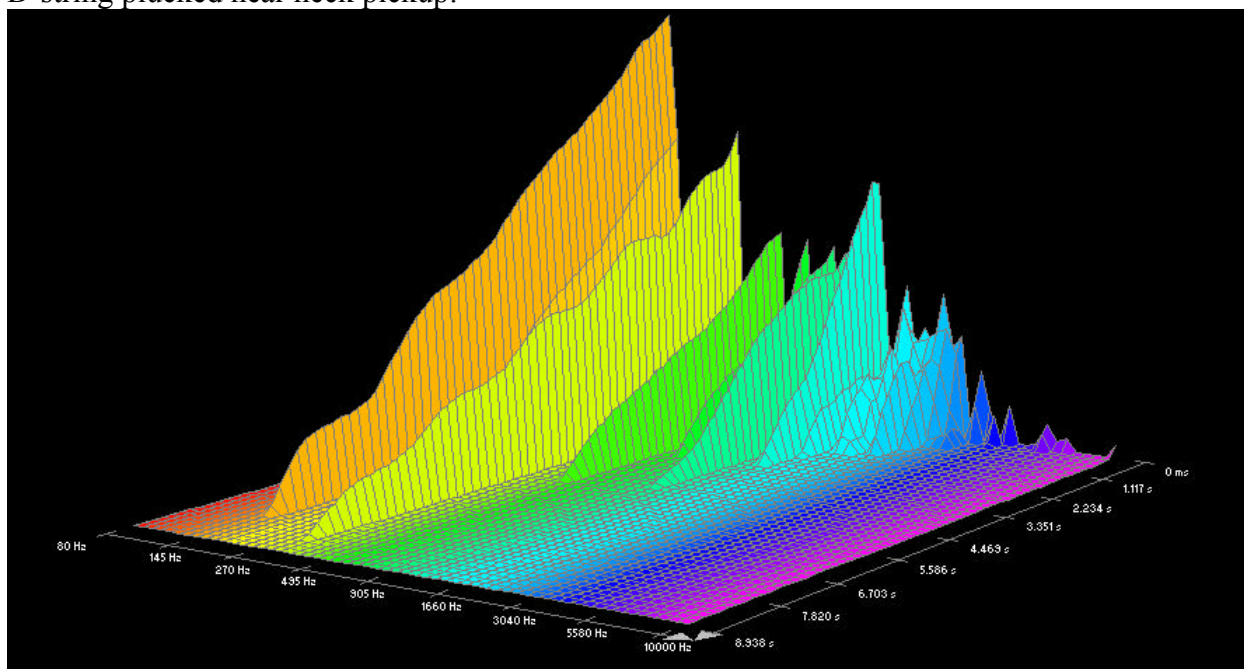
G-string plucked near neck pickup:



D-string plucked near bridge pickup:

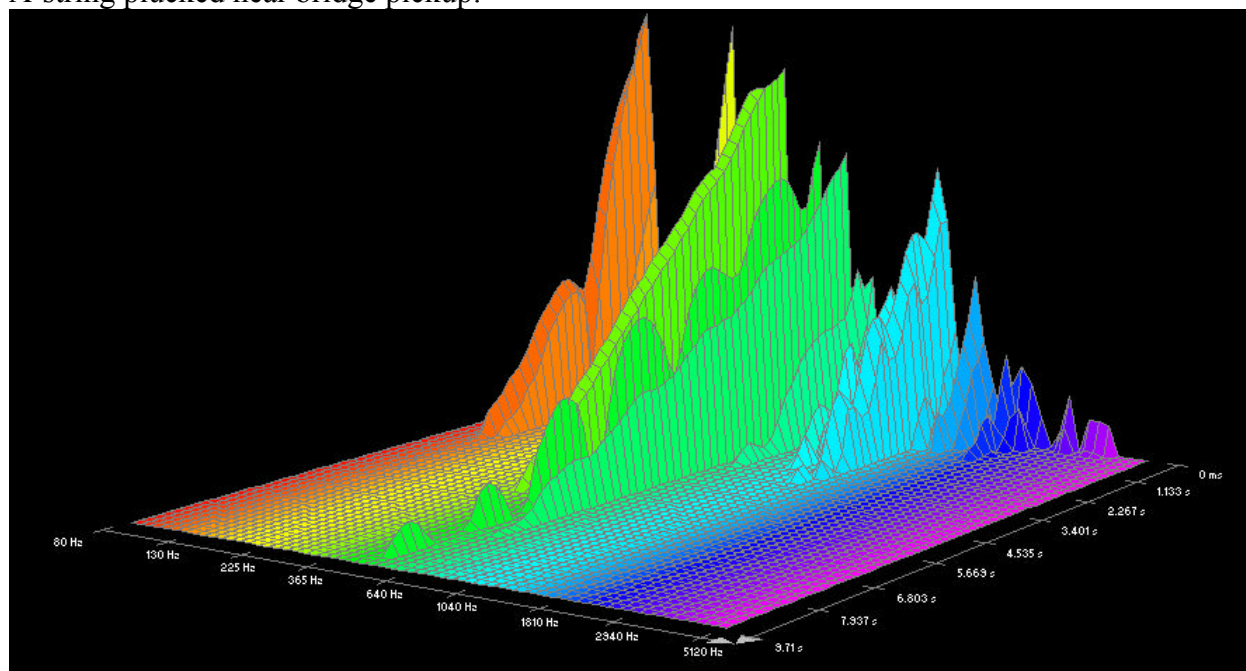


D-string plucked near neck pickup:

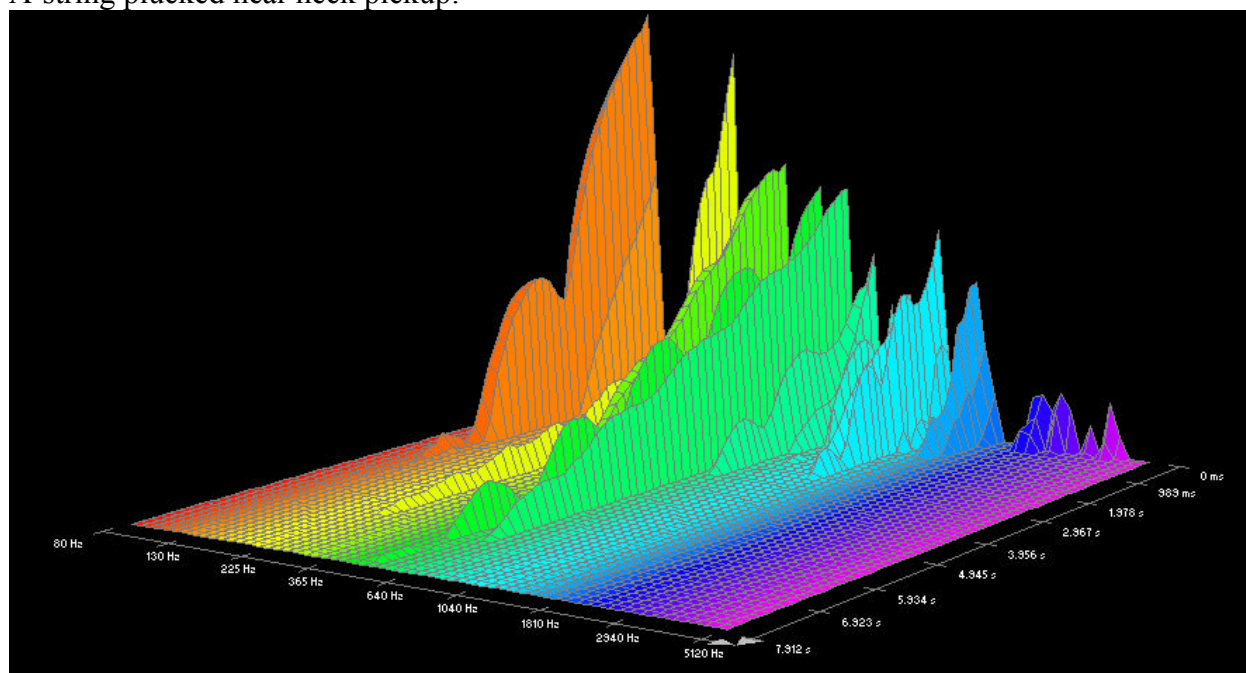




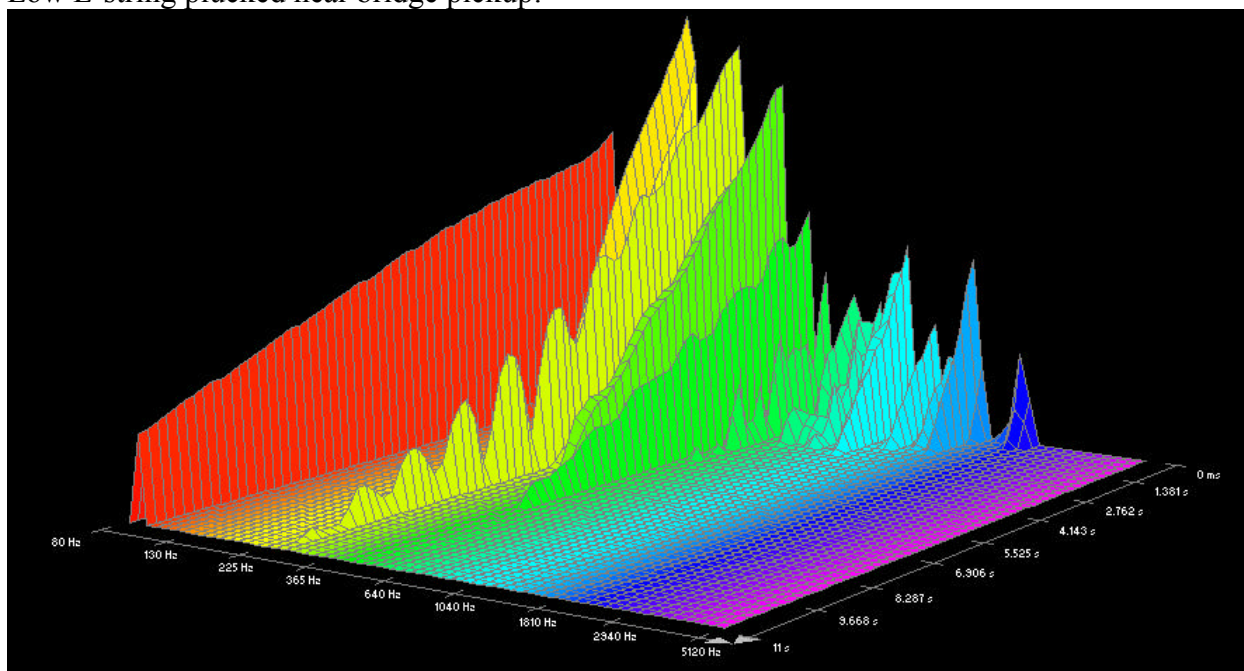
A-string plucked near bridge pickup:



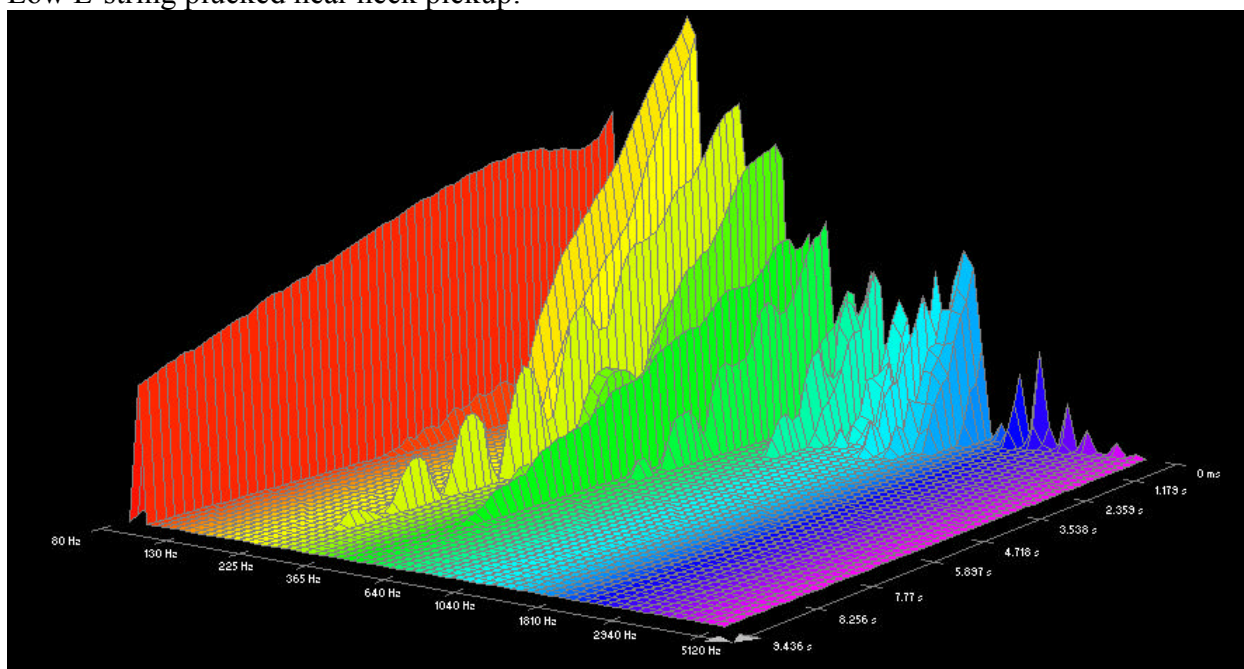
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

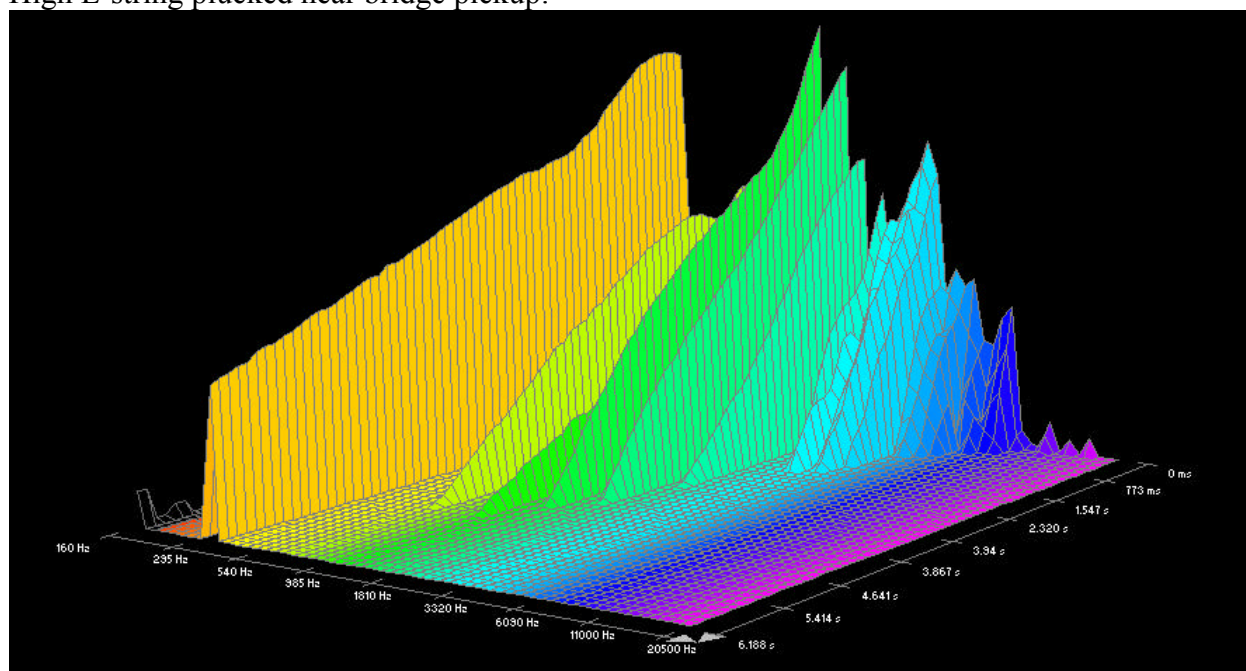


Low E-string plucked near neck pickup:

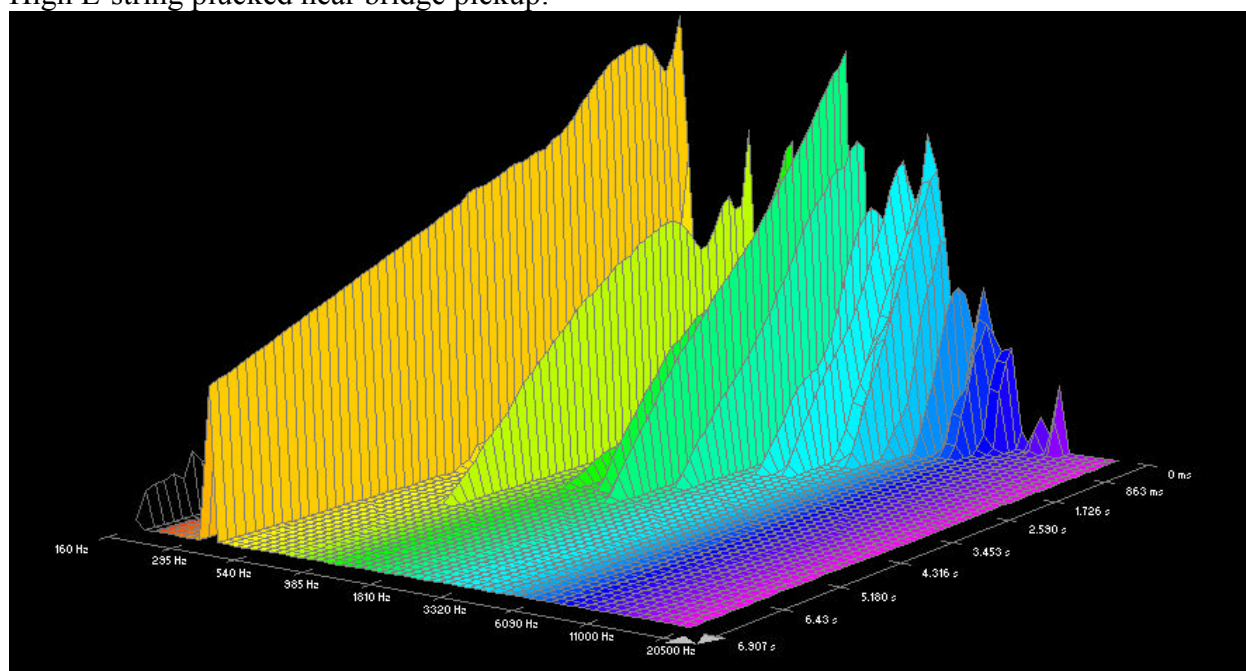


## Dean Markley, Phosphor Bronze:

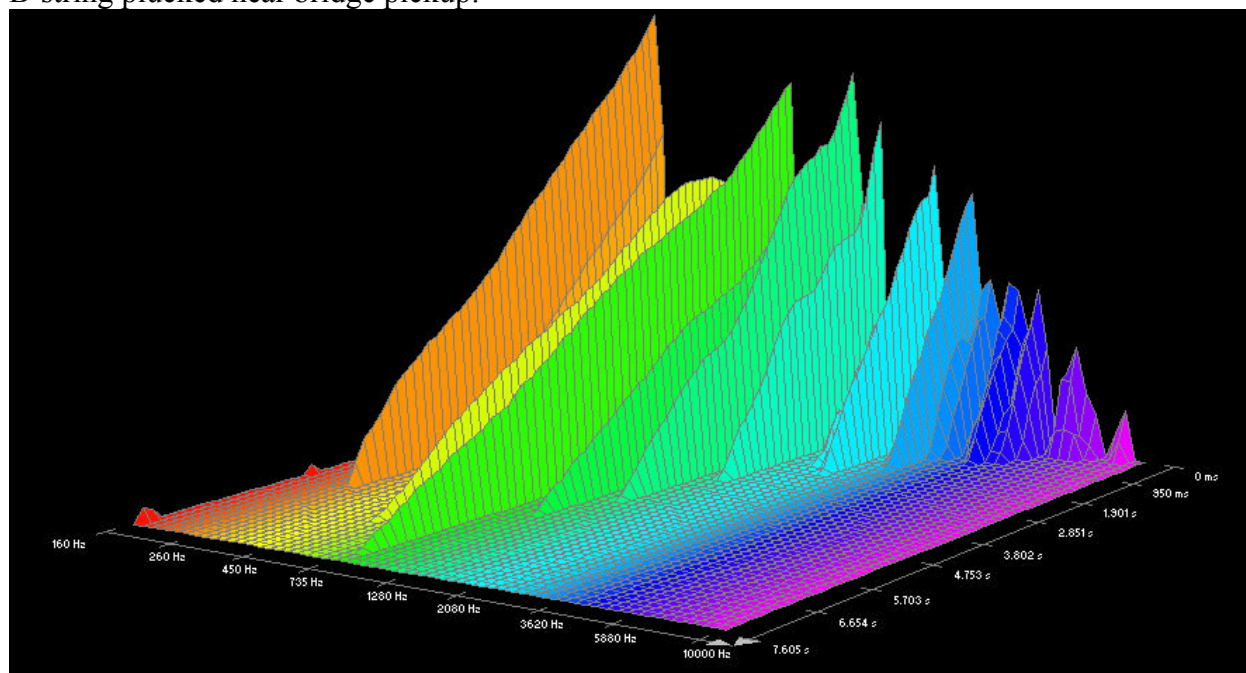
High E-string plucked near bridge pickup:



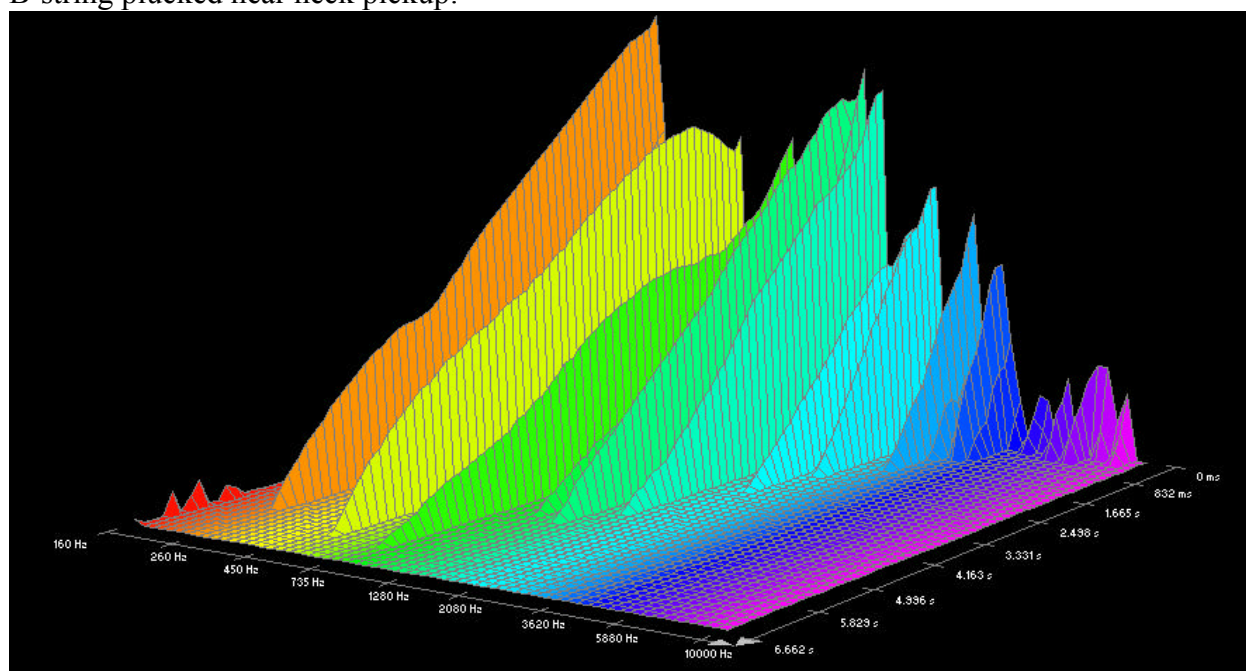
High E-string plucked near bridge pickup:



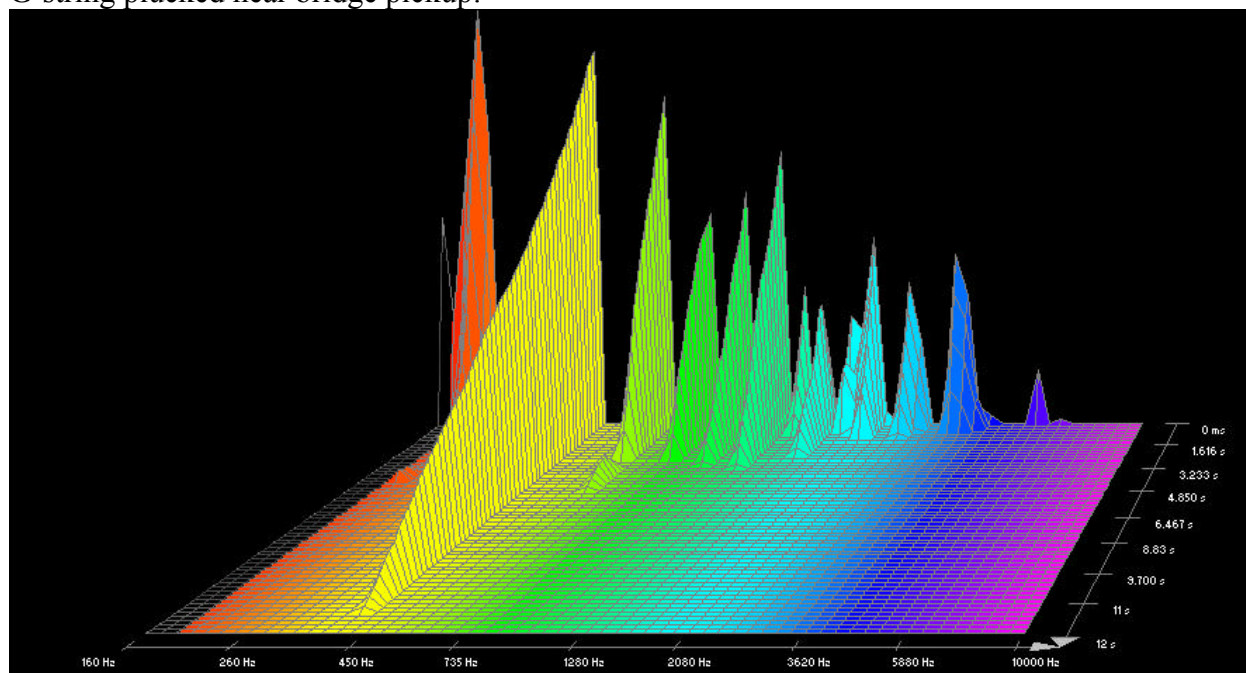
B-string plucked near bridge pickup:



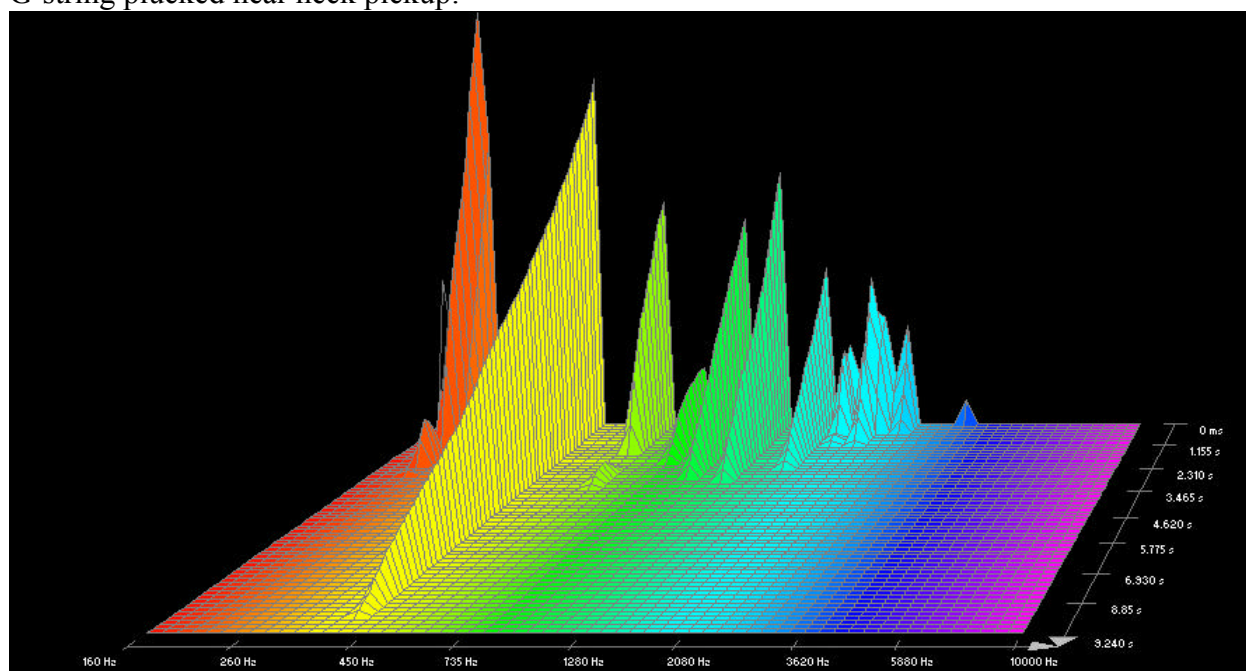
B-string plucked near neck pickup:



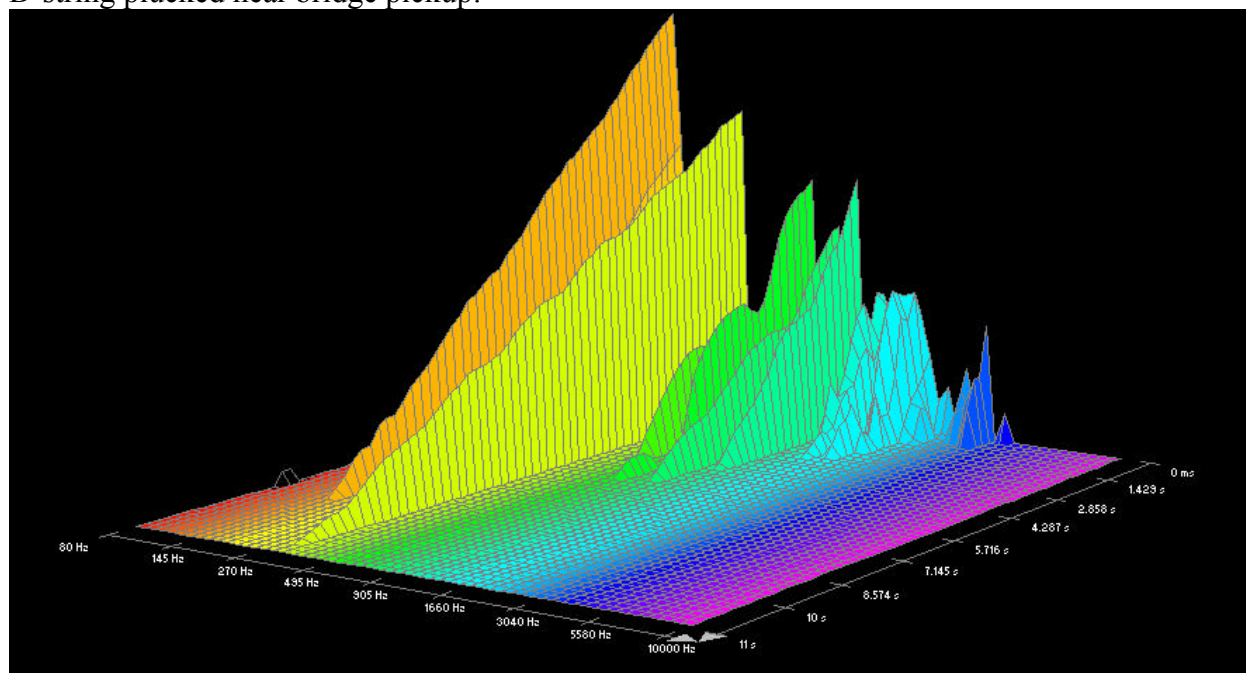
G-string plucked near bridge pickup:



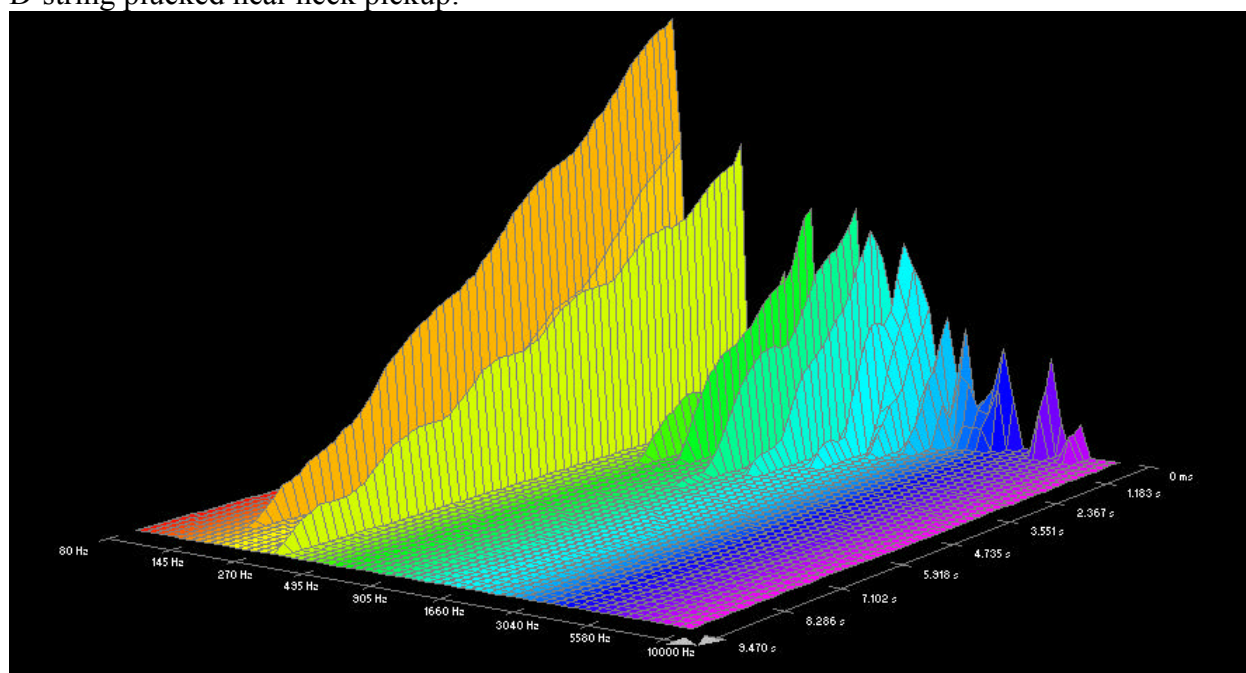
G-string plucked near neck pickup:



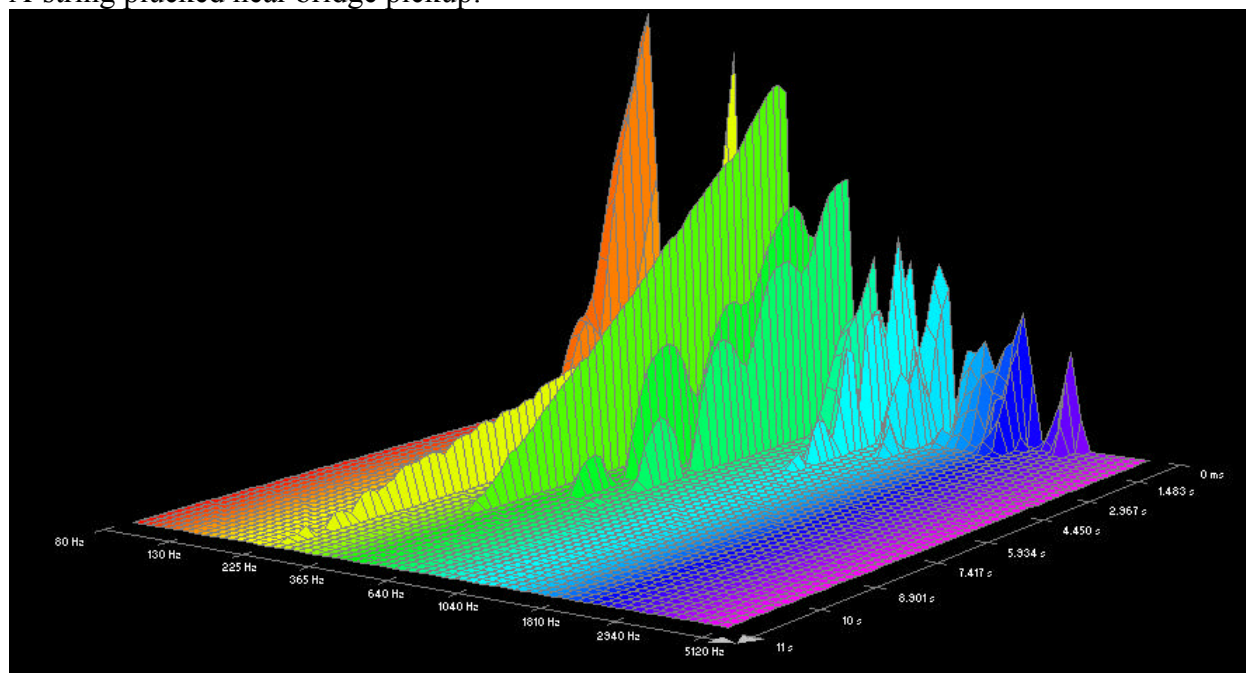
D-string plucked near bridge pickup:



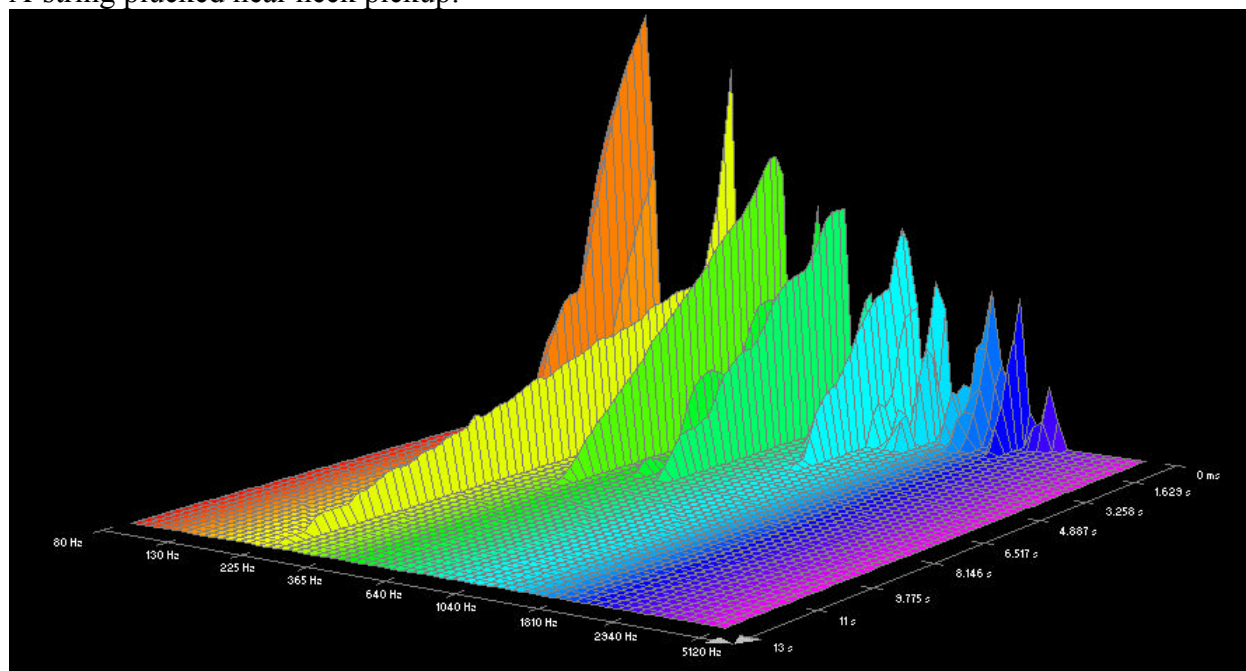
D-string plucked near neck pickup:



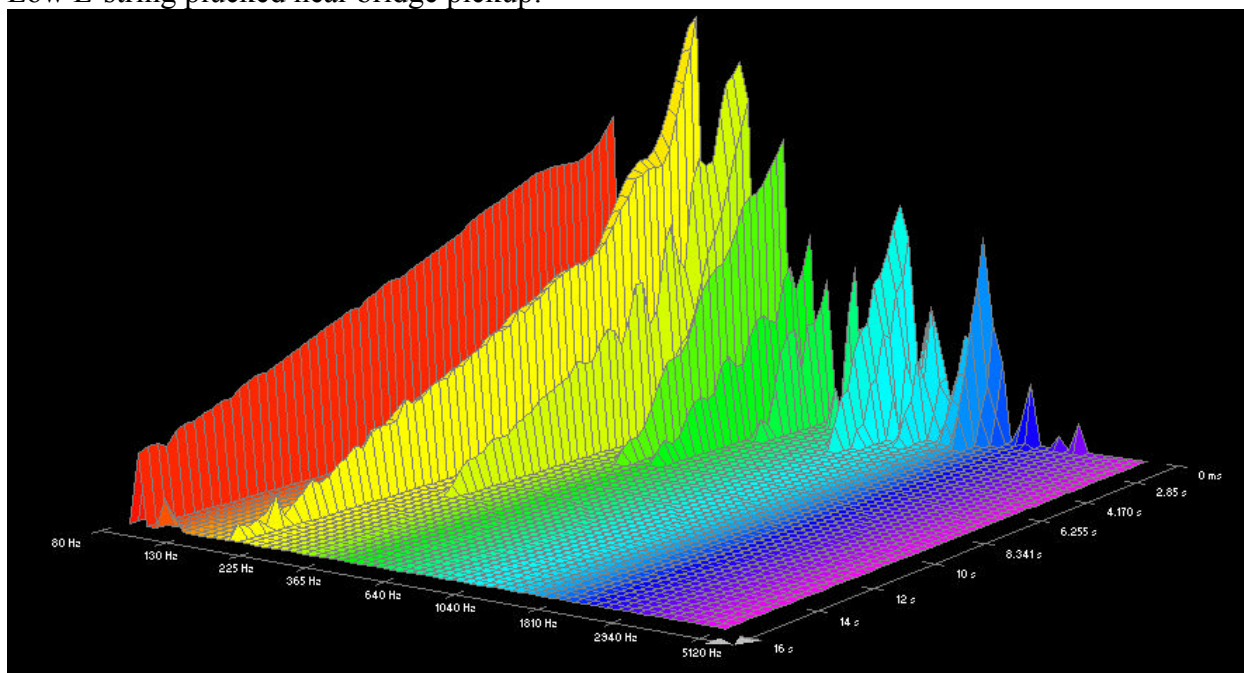
A-string plucked near bridge pickup:



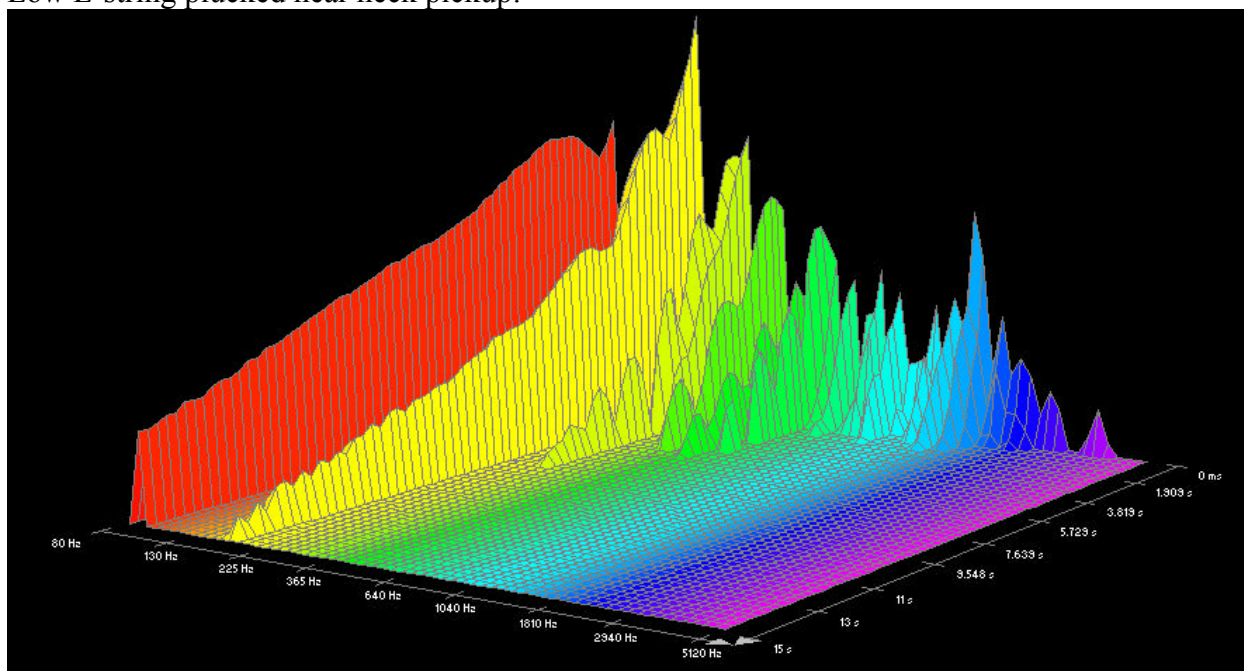
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:



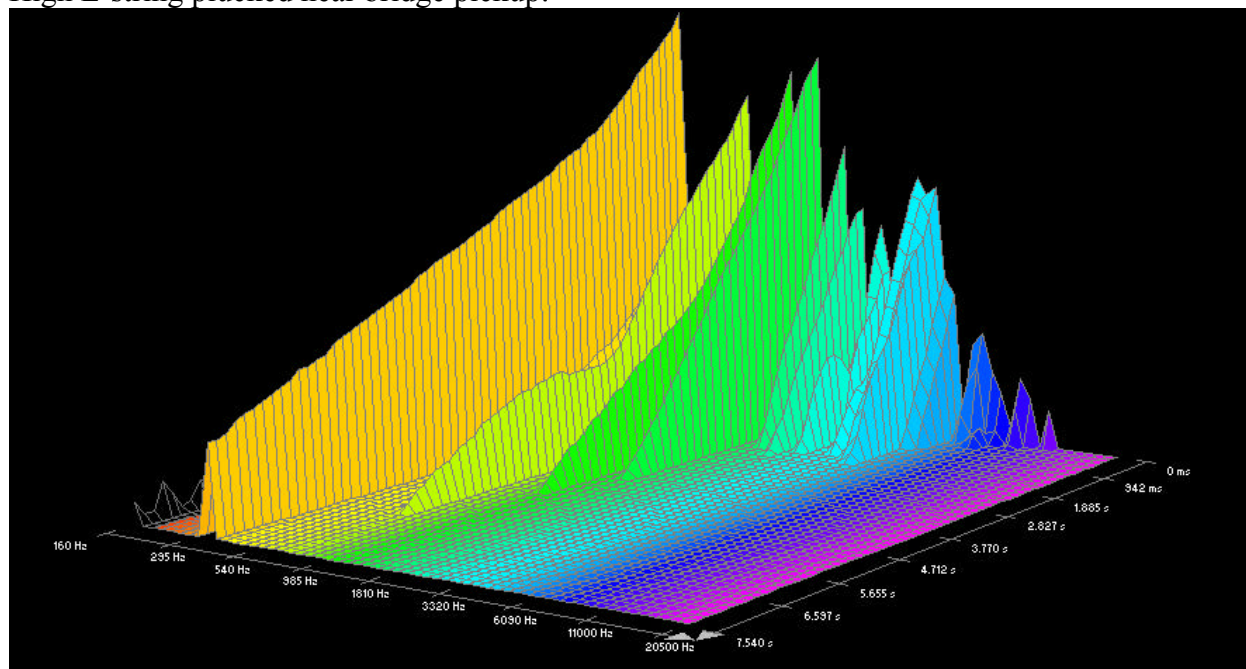
Low E-string plucked near neck pickup:



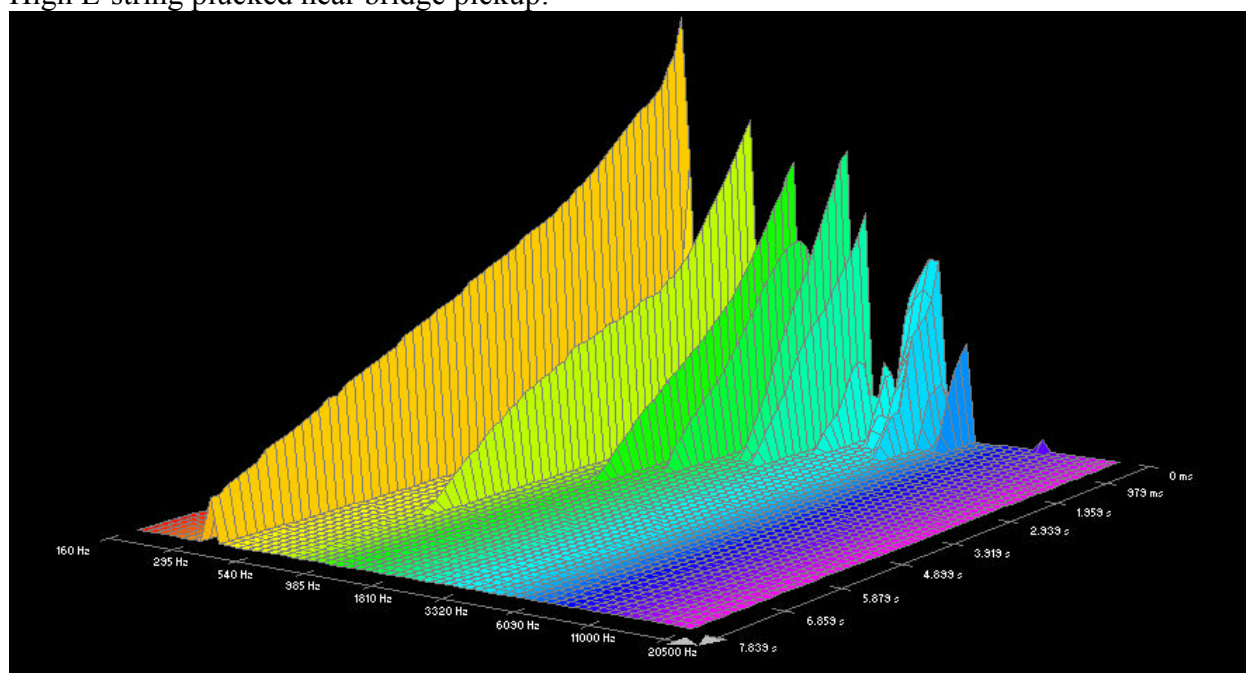


## Dean Markley, Vintage Bronze:

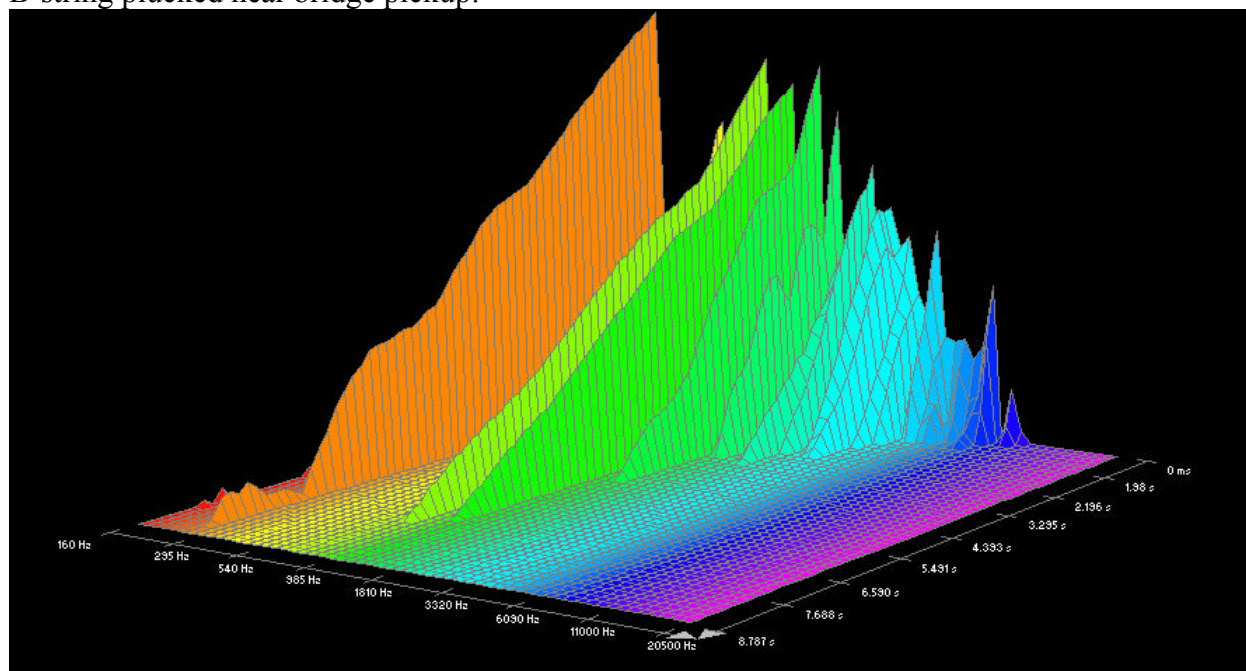
High E-string plucked near bridge pickup:



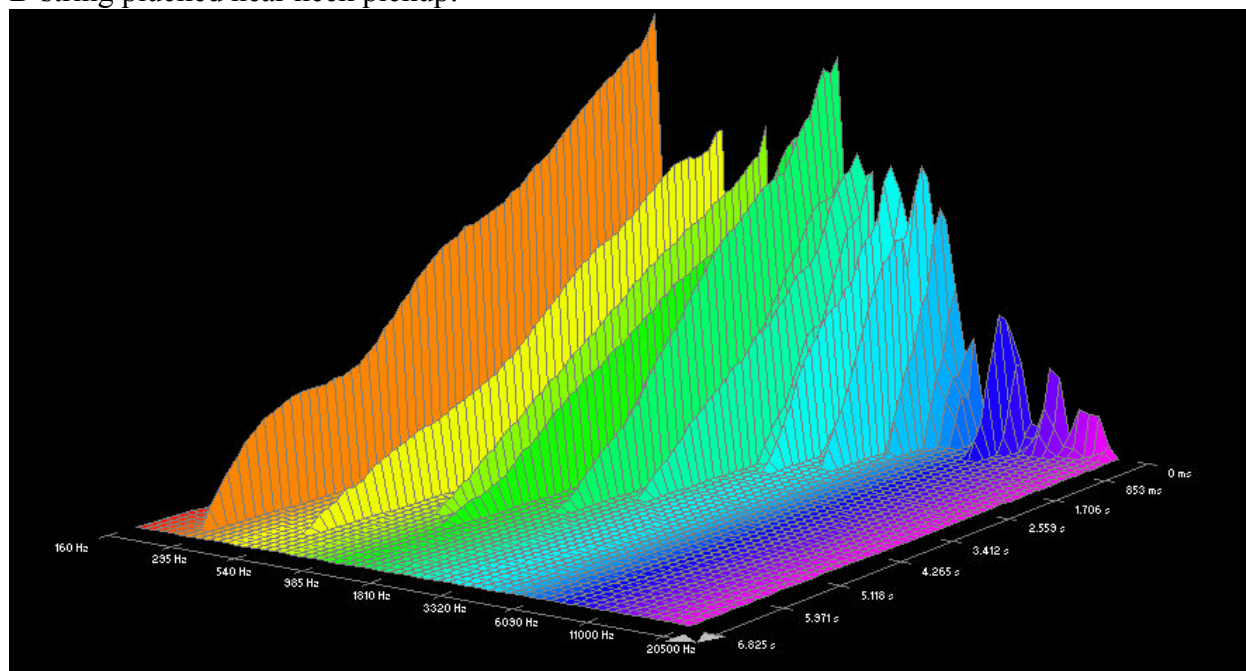
High E-string plucked near bridge pickup:



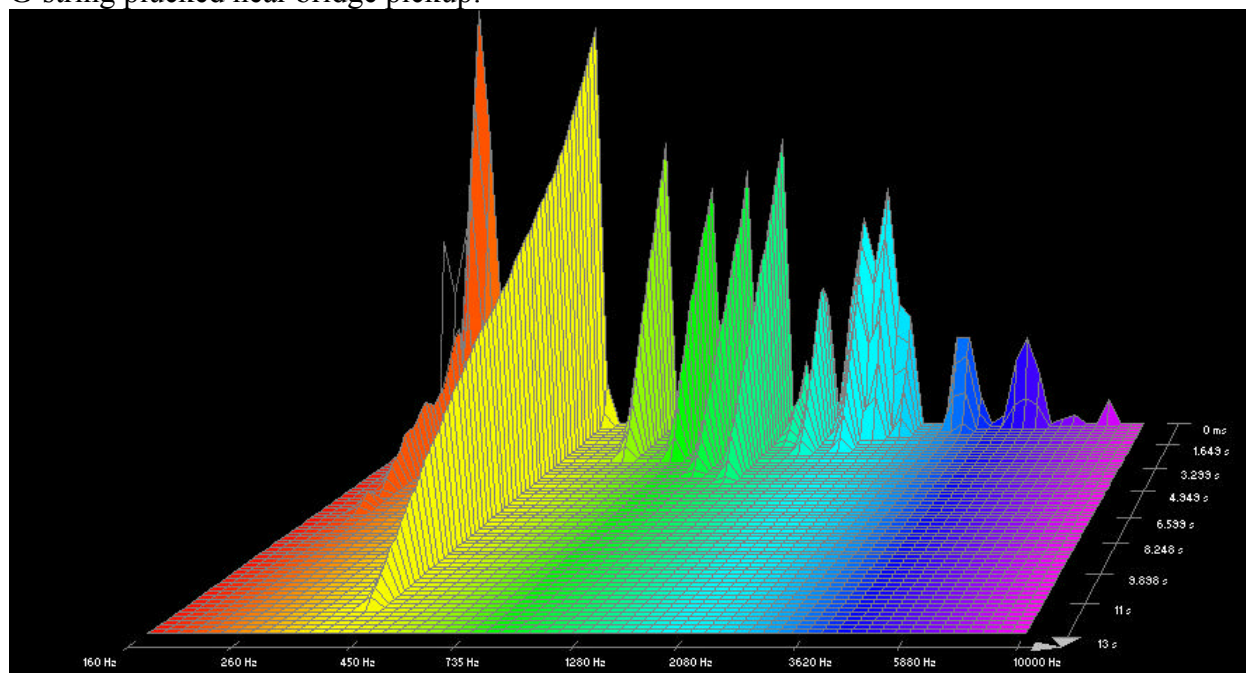
B-string plucked near bridge pickup:



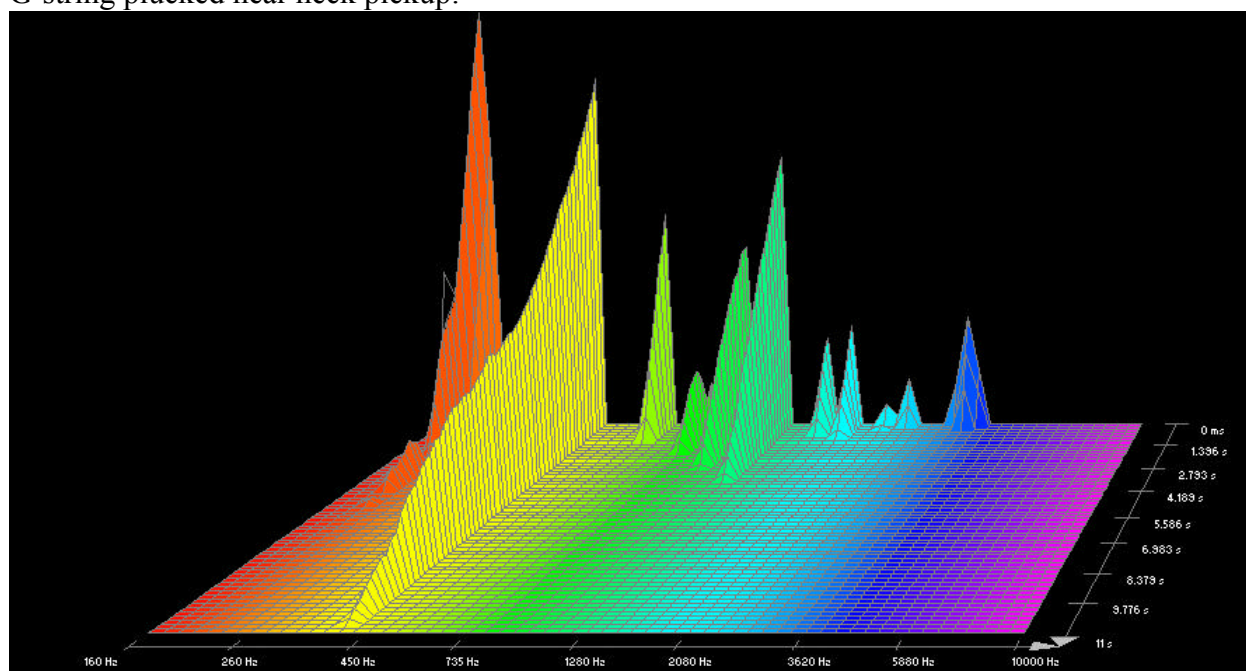
B-string plucked near neck pickup:



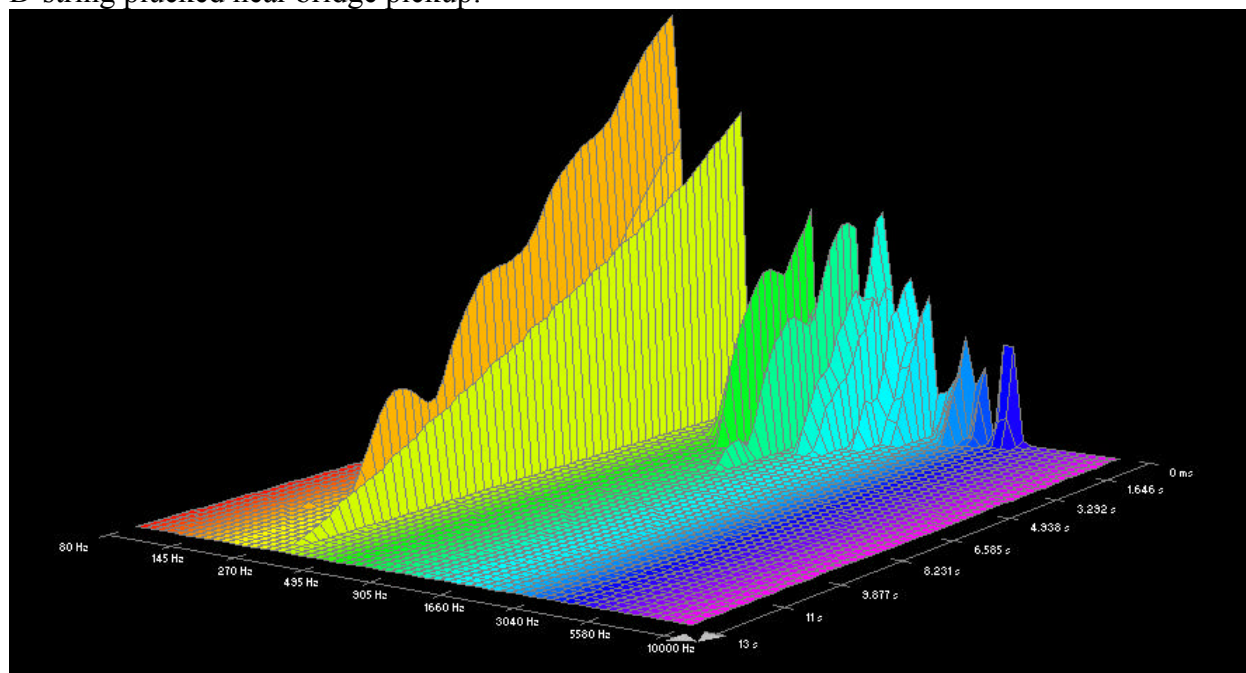
G-string plucked near bridge pickup:



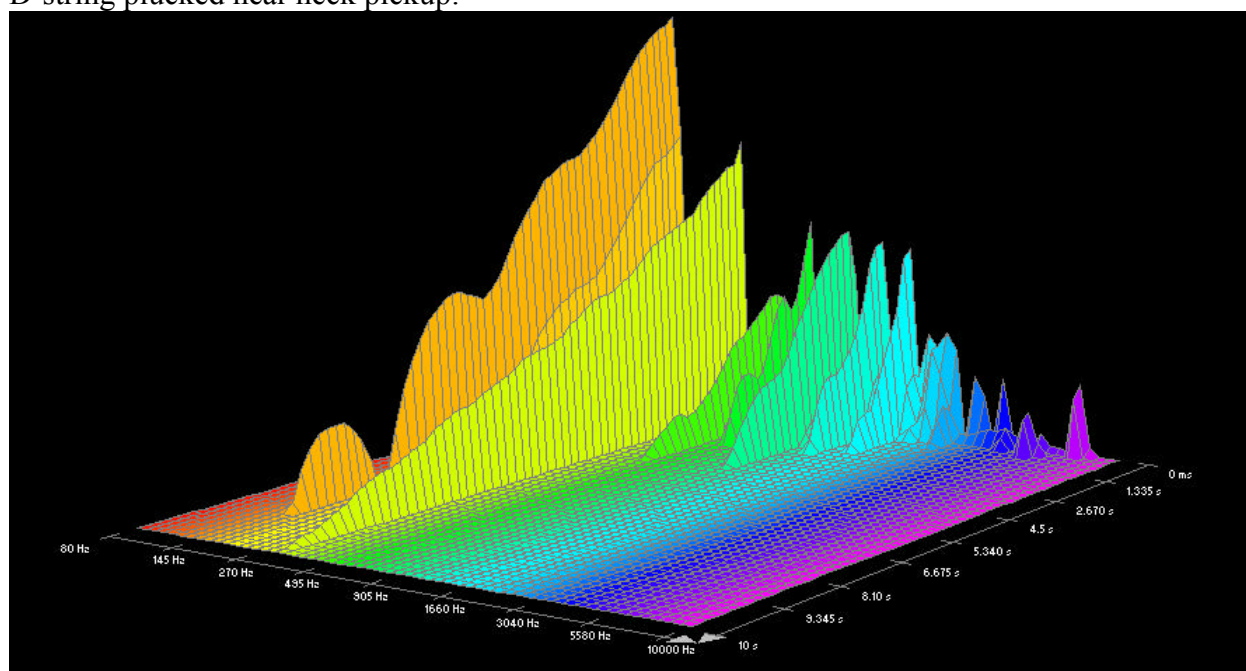
G-string plucked near neck pickup:



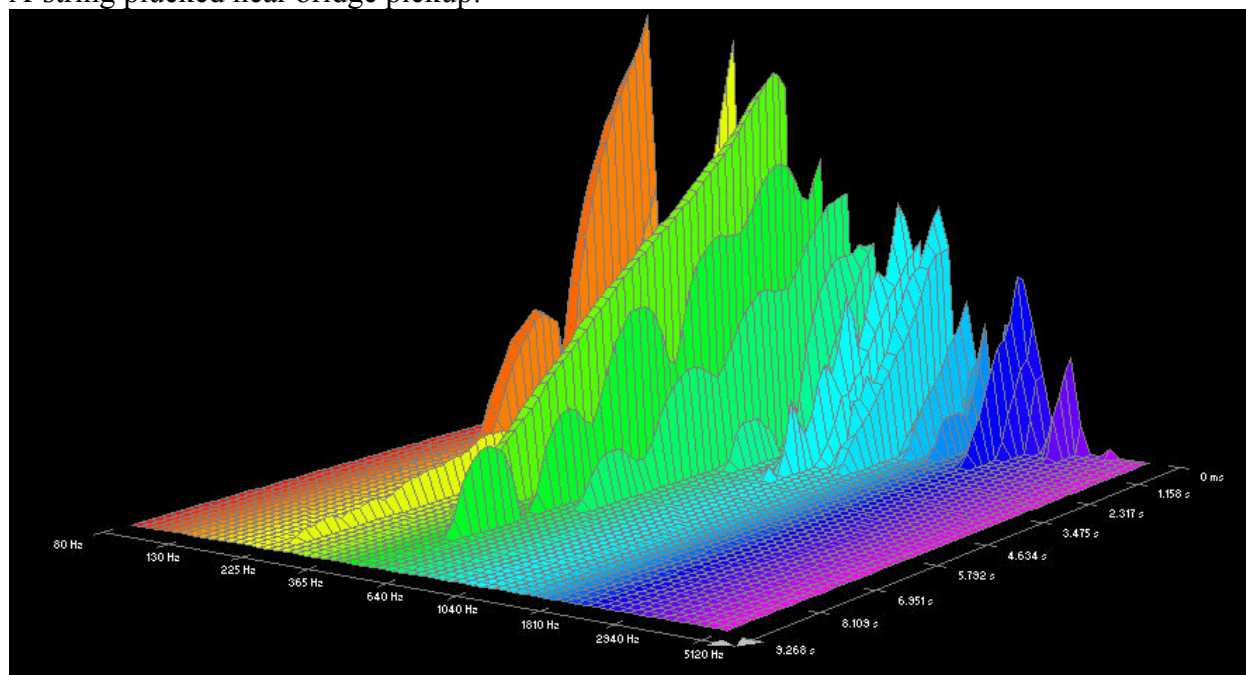
D-string plucked near bridge pickup:



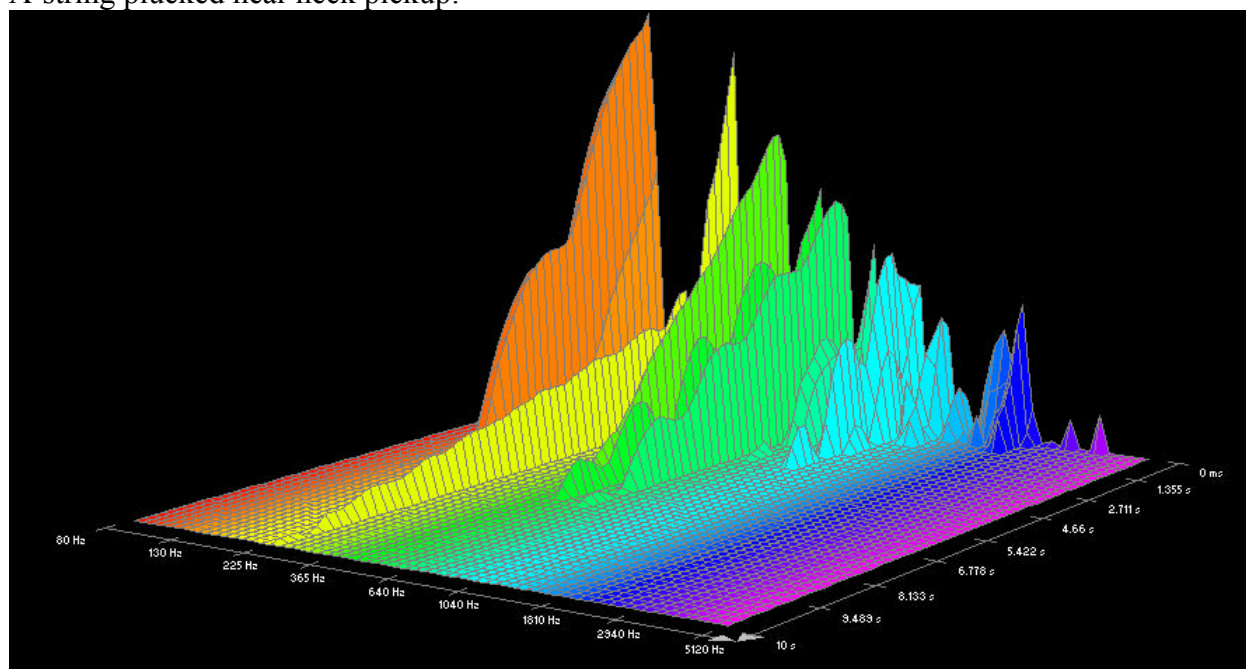
D-string plucked near neck pickup:



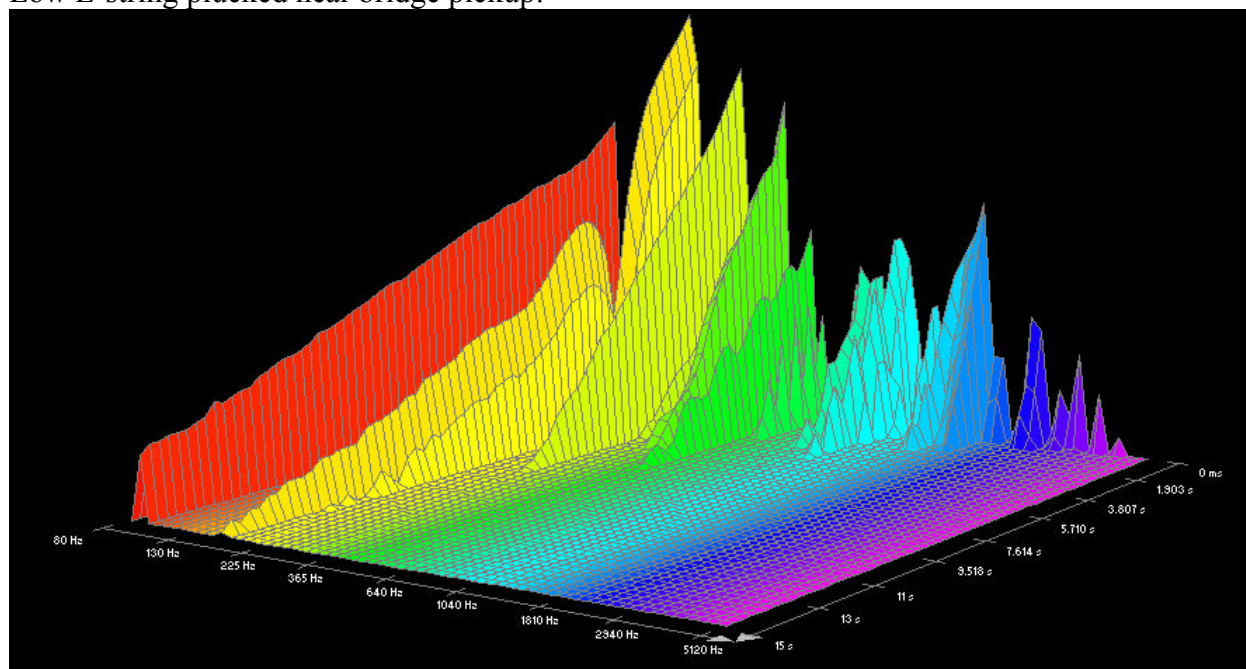
A-string plucked near bridge pickup:



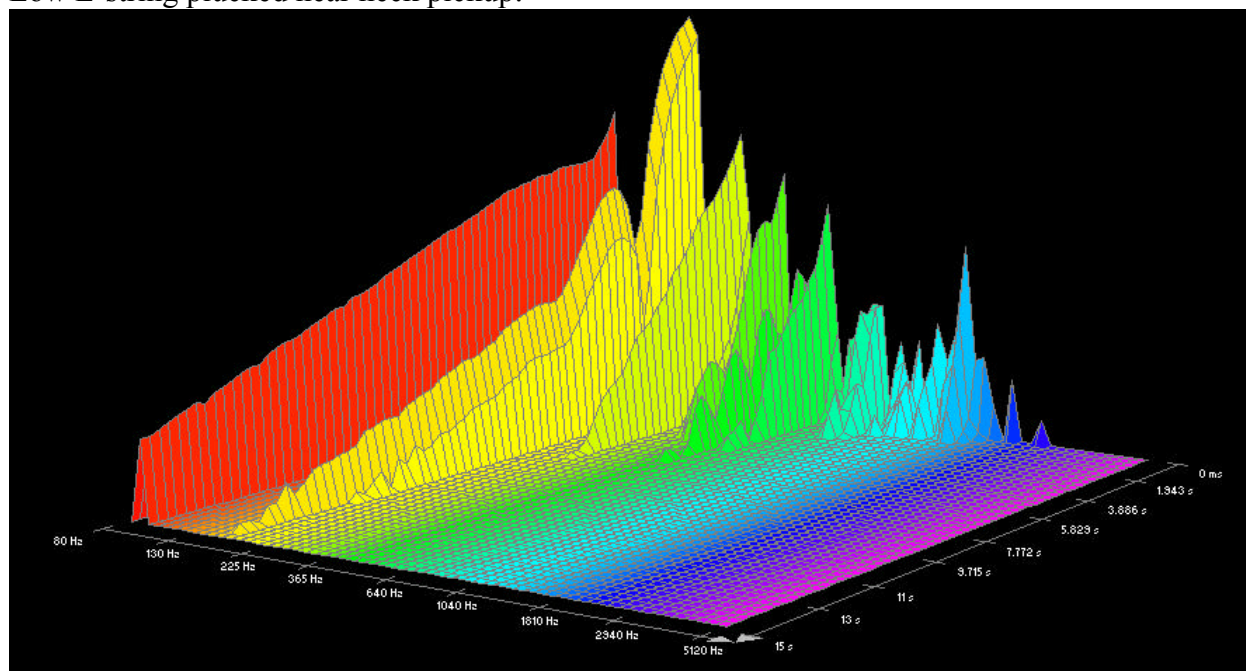
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

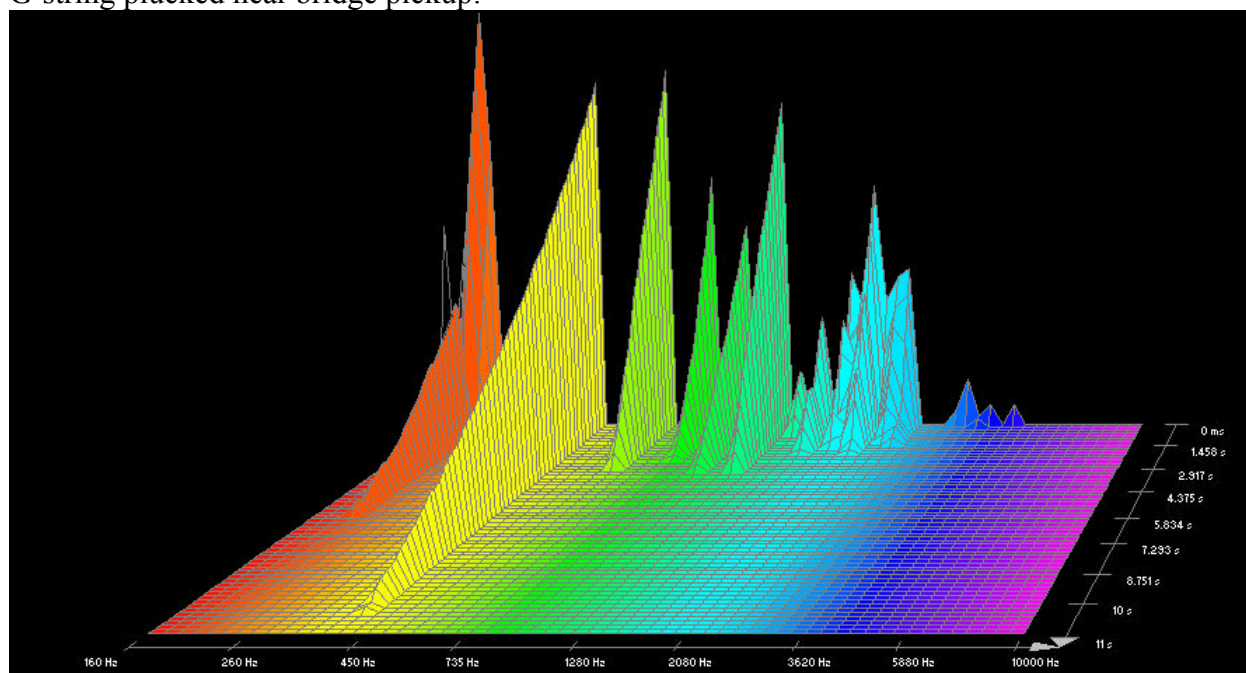


Low E-string plucked near neck pickup:

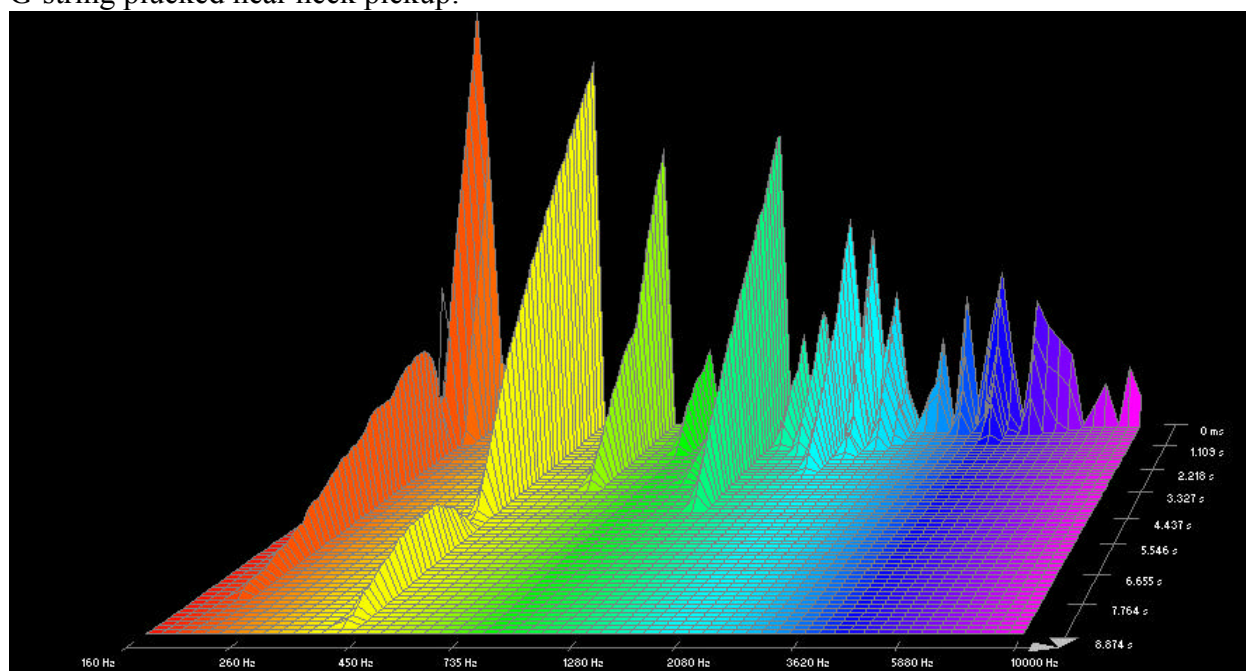


## Elixir, Nanoweb:

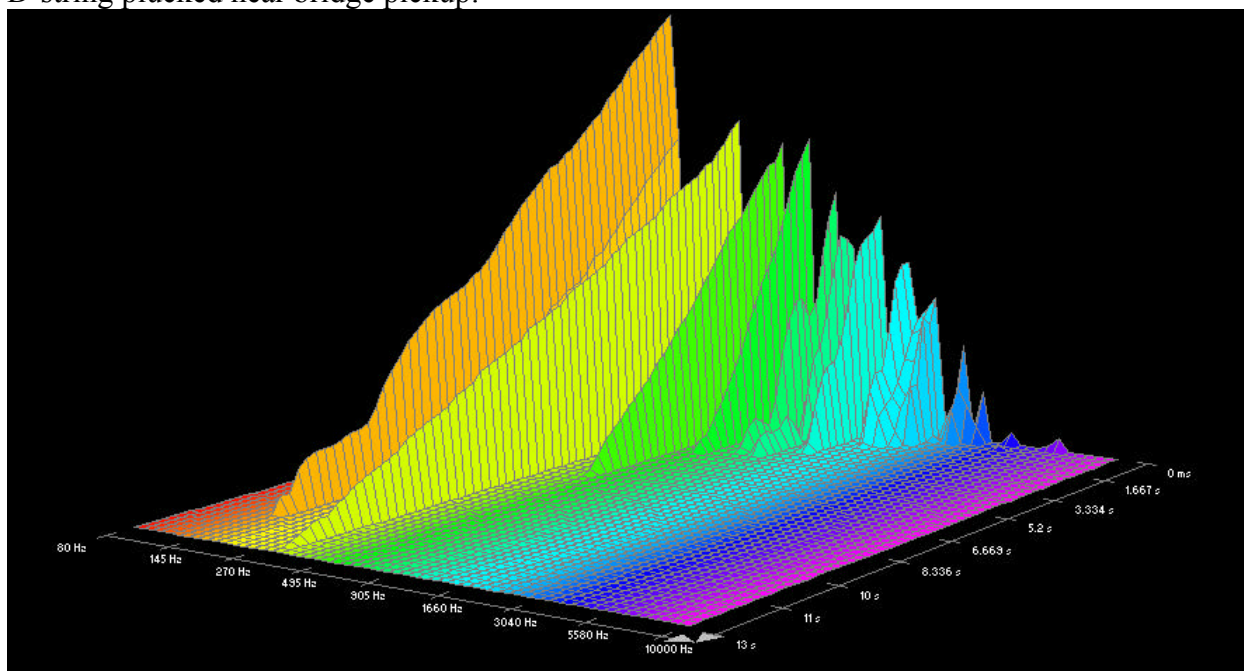
G-string plucked near bridge pickup:



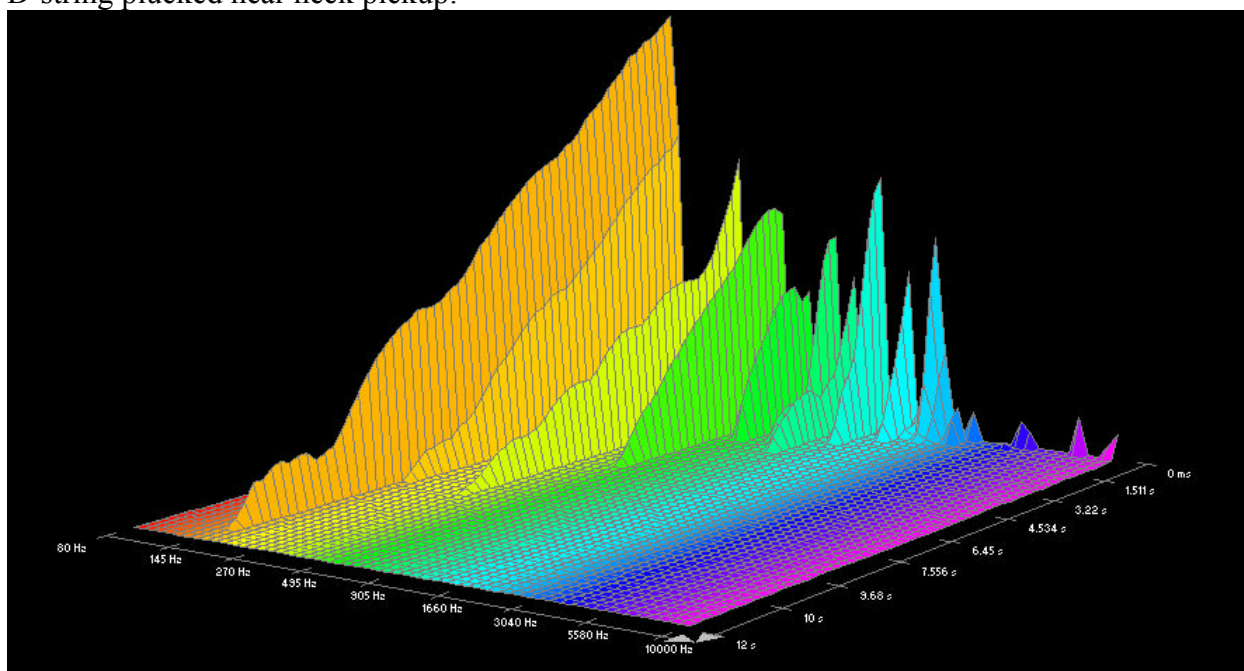
G-string plucked near neck pickup:



D-string plucked near bridge pickup:

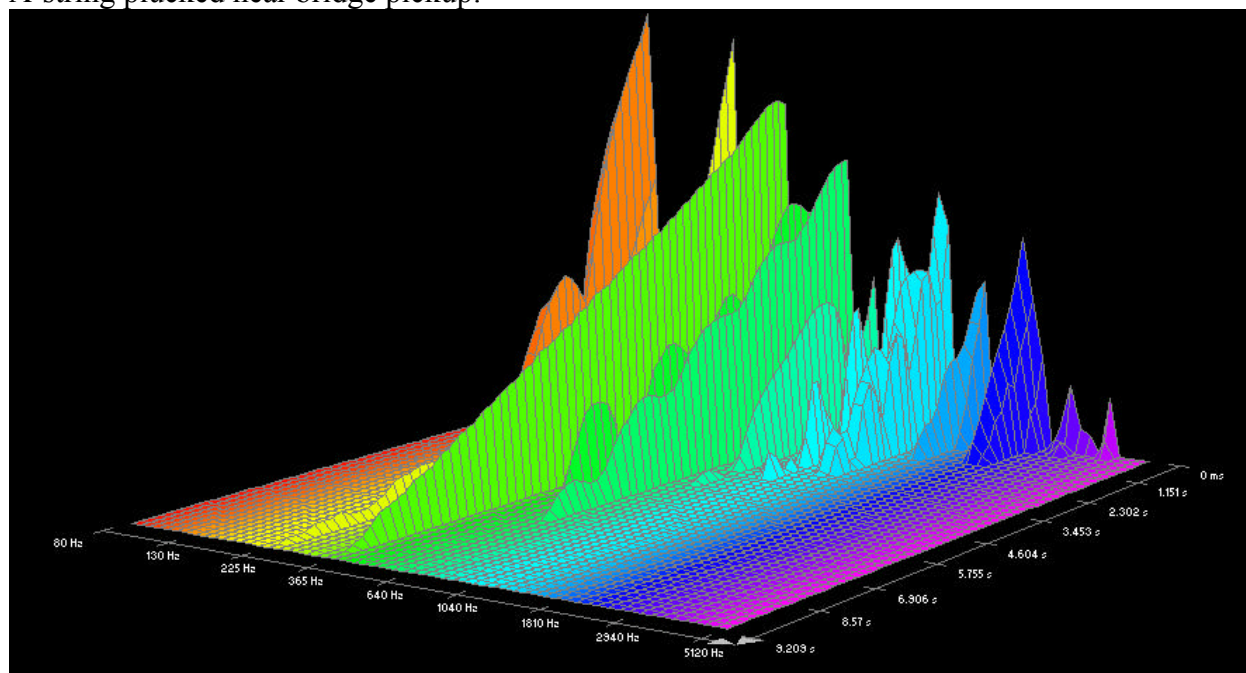


D-string plucked near neck pickup:

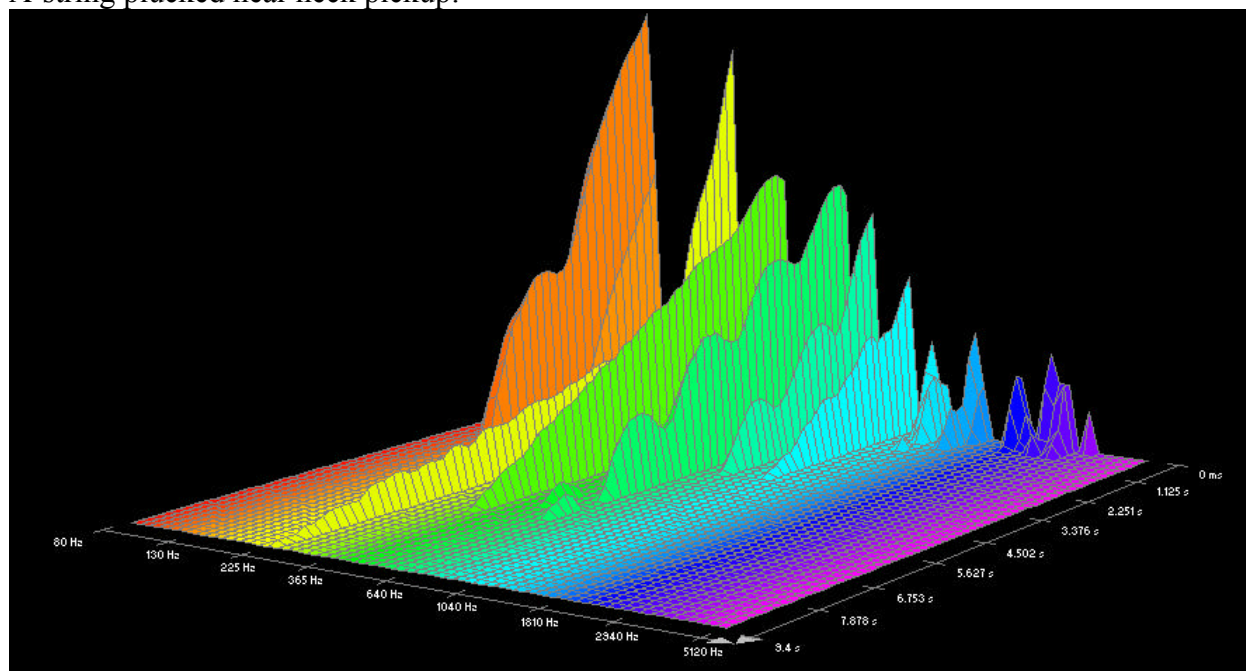




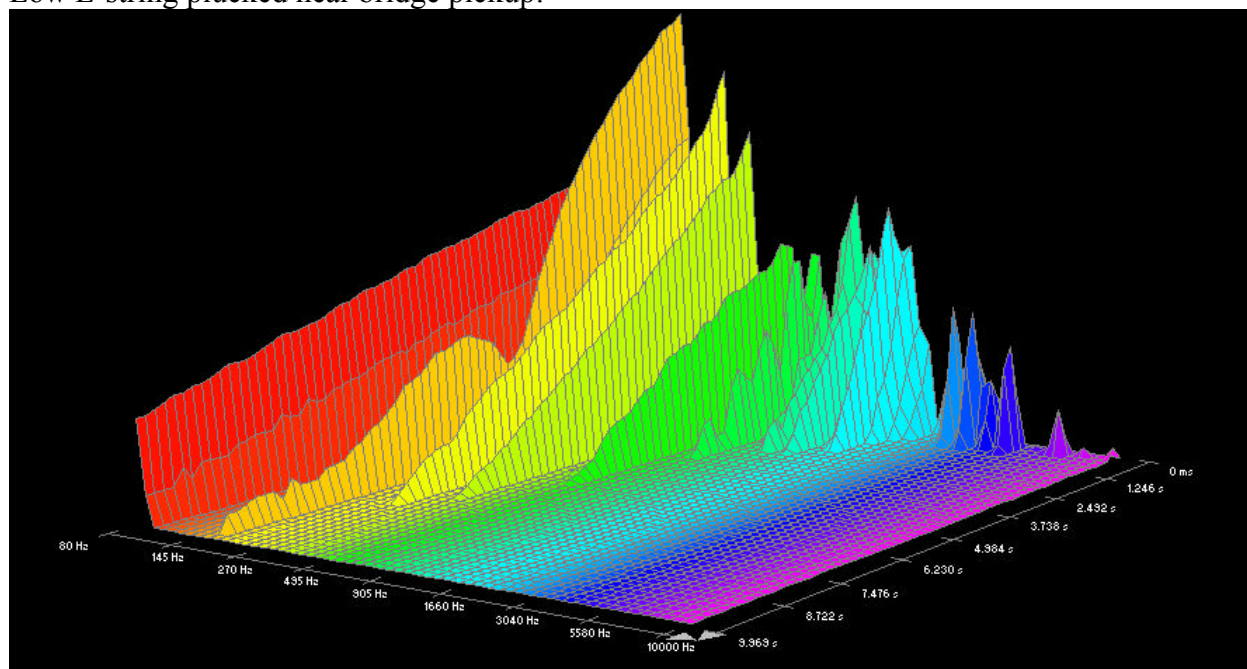
A-string plucked near bridge pickup:



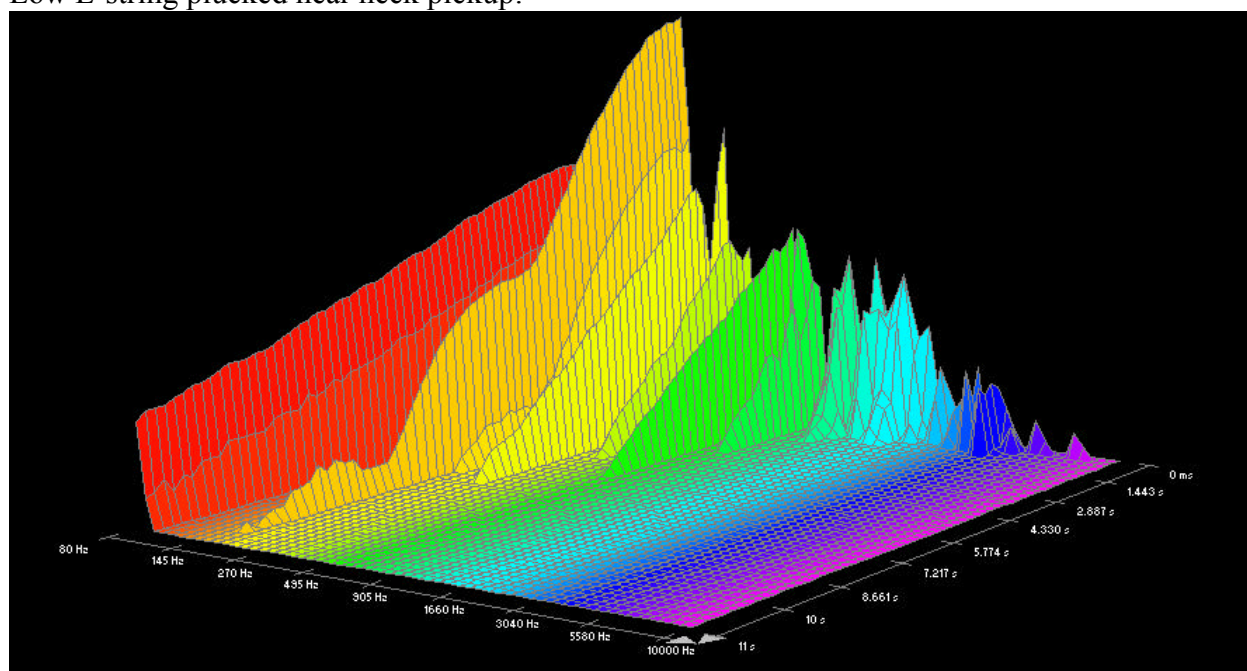
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

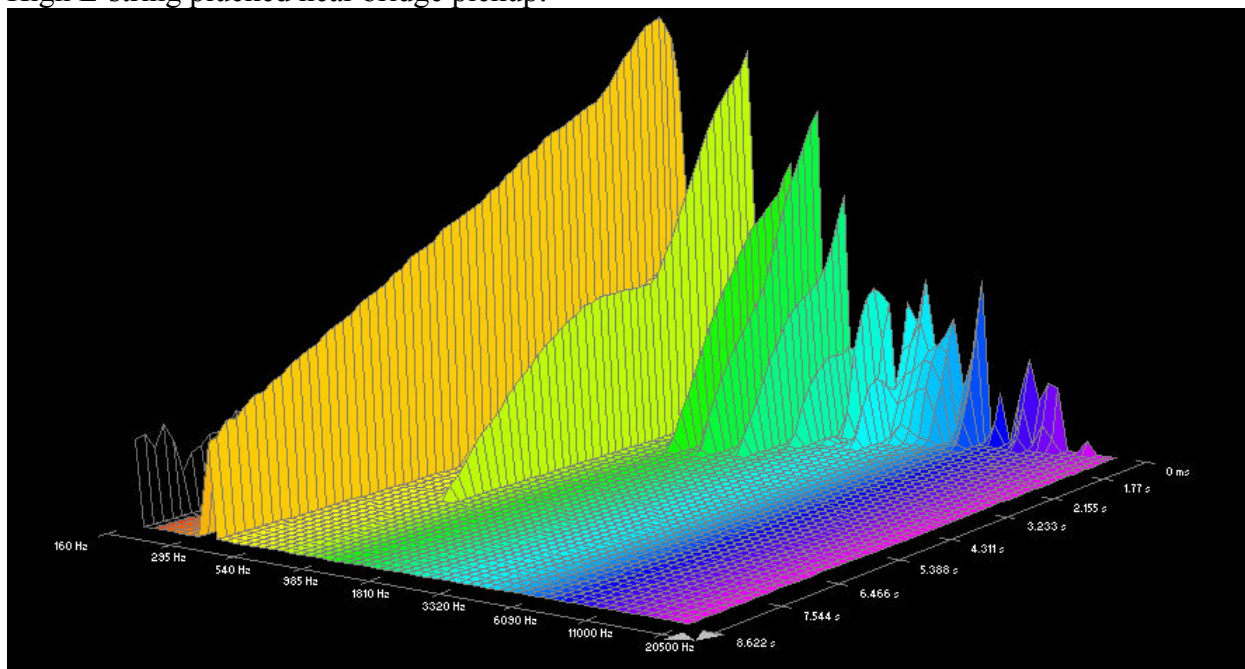


Low E-string plucked near neck pickup:

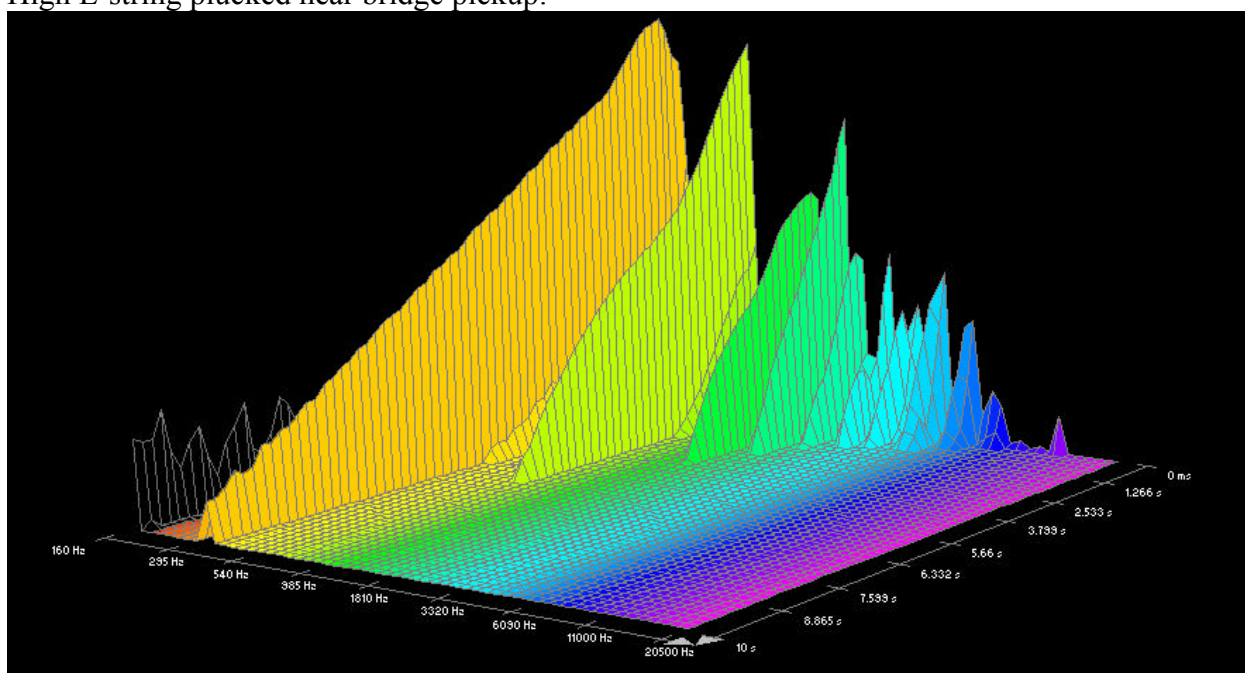


## Elixir, Polyweb:

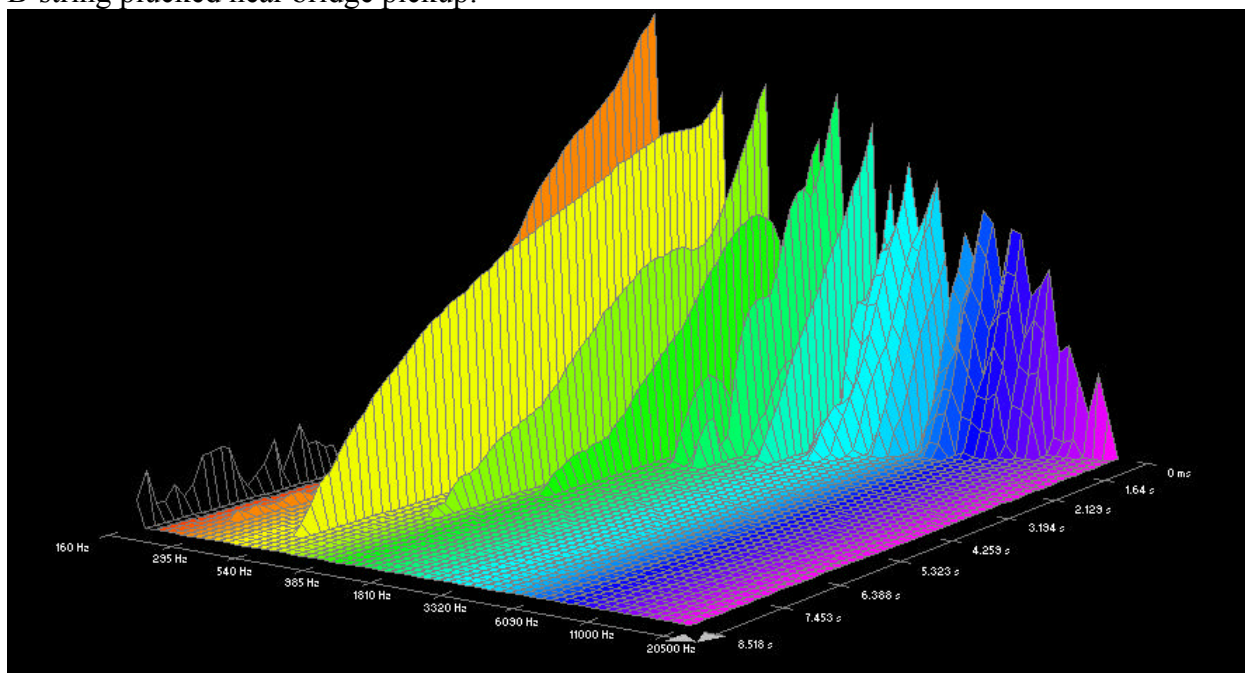
High E-string plucked near bridge pickup:



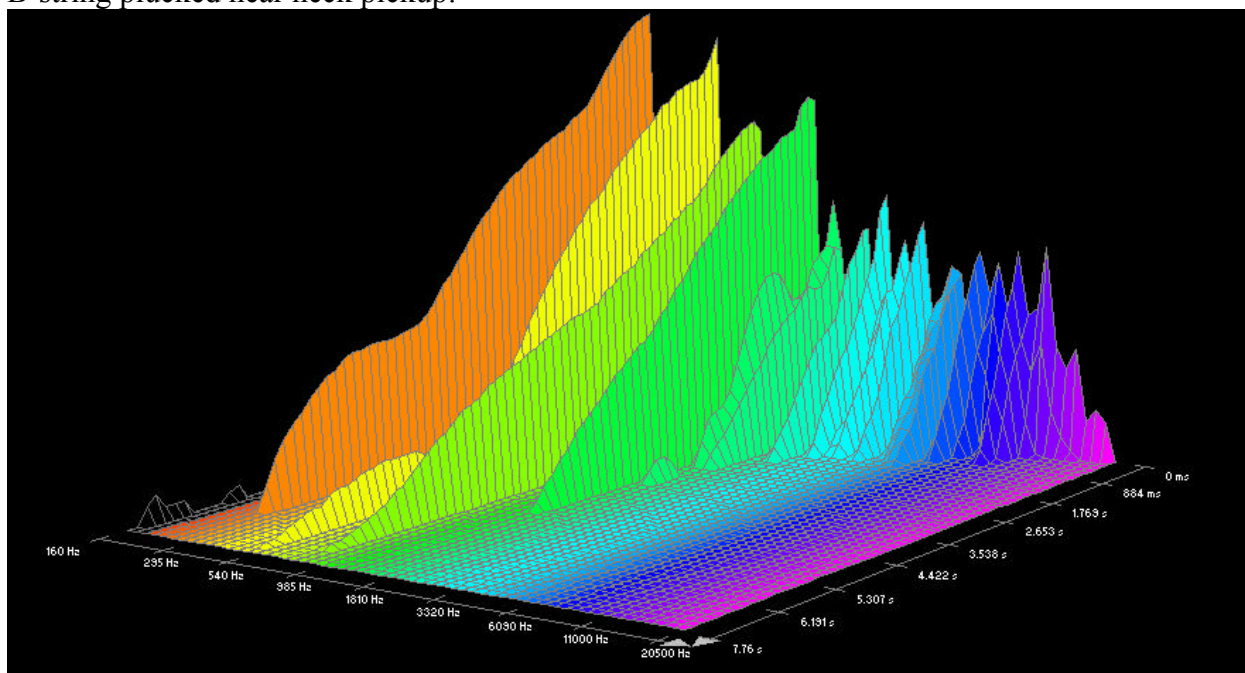
High E-string plucked near bridge pickup:



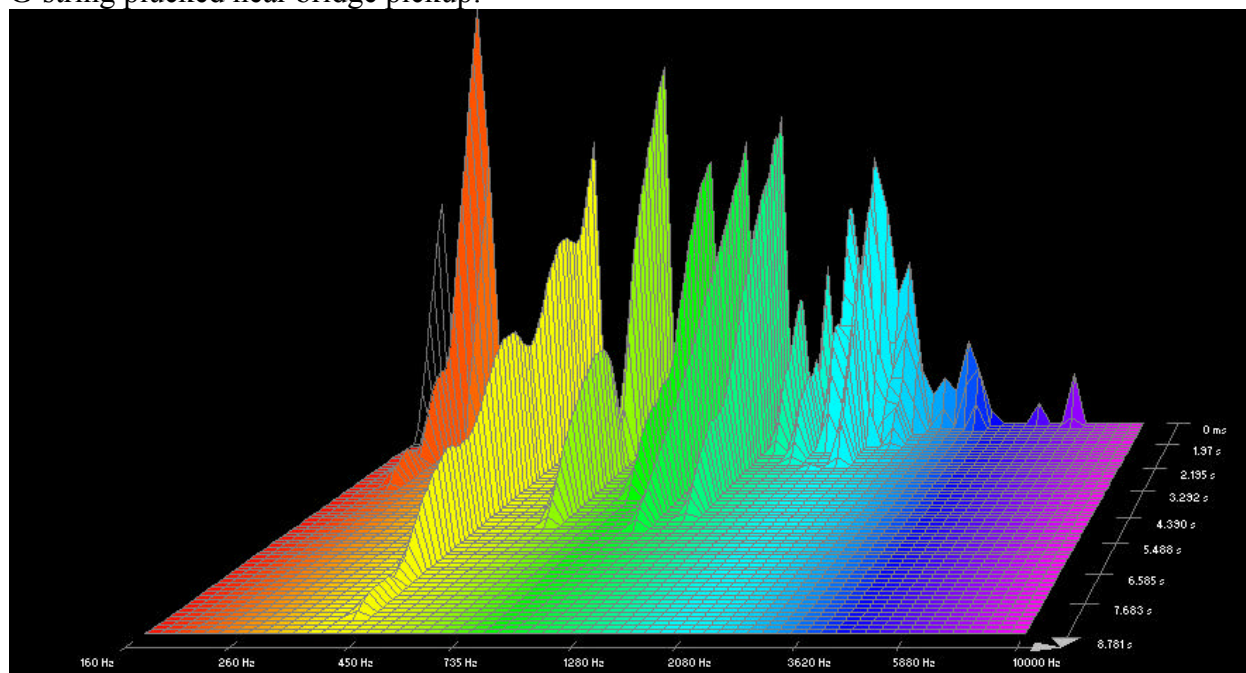
B-string plucked near bridge pickup:



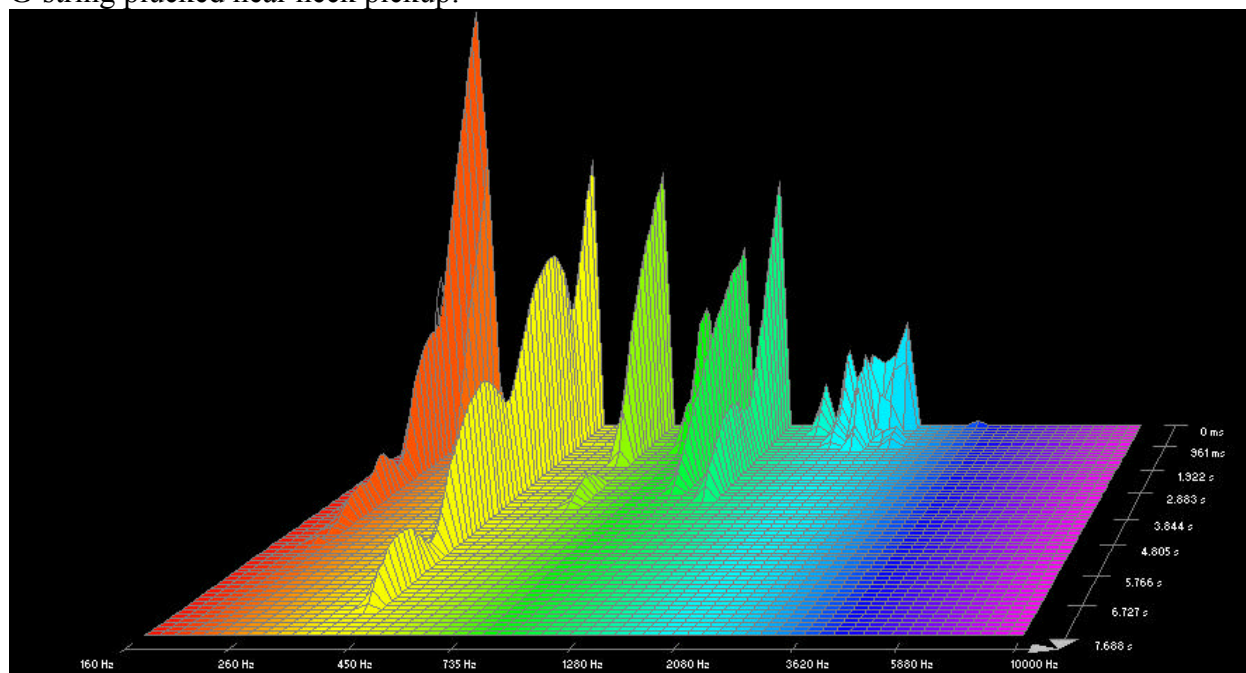
B-string plucked near neck pickup:



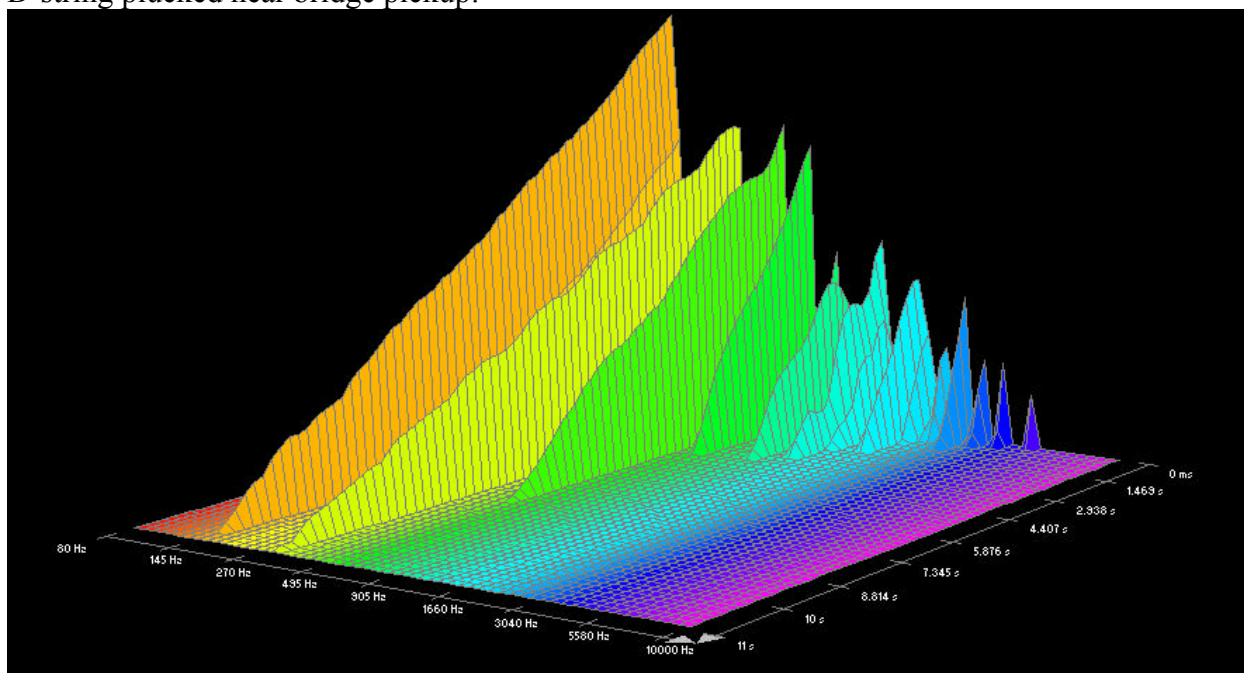
G-string plucked near bridge pickup:



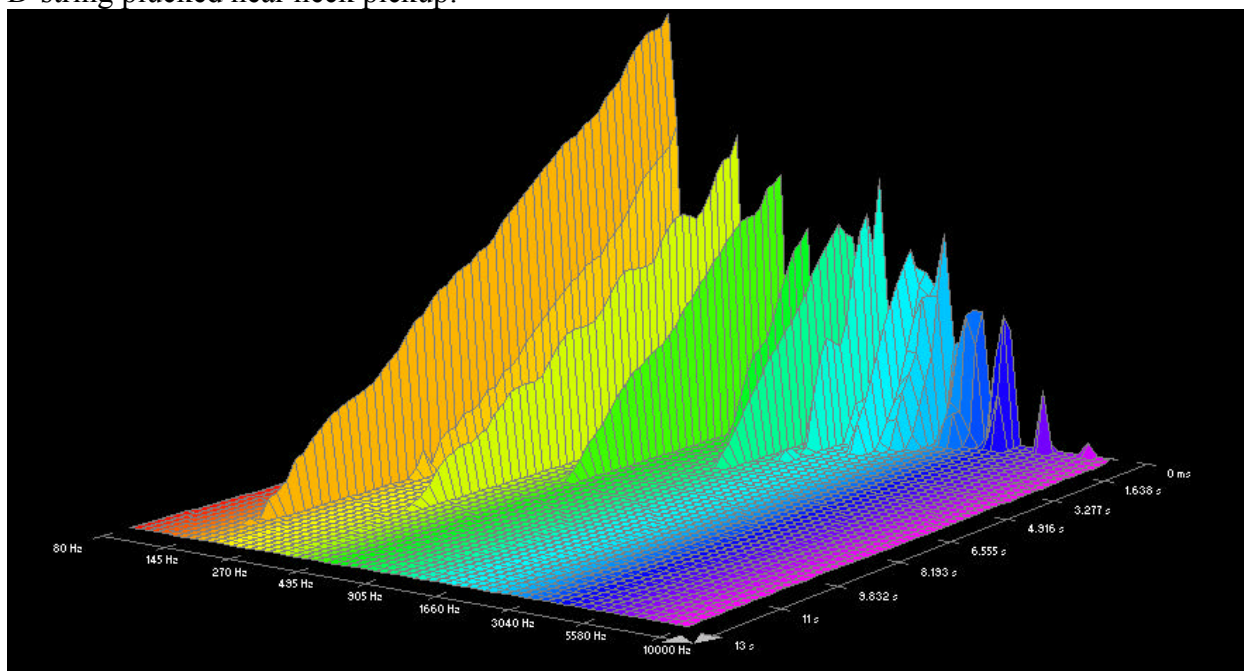
G-string plucked near neck pickup:



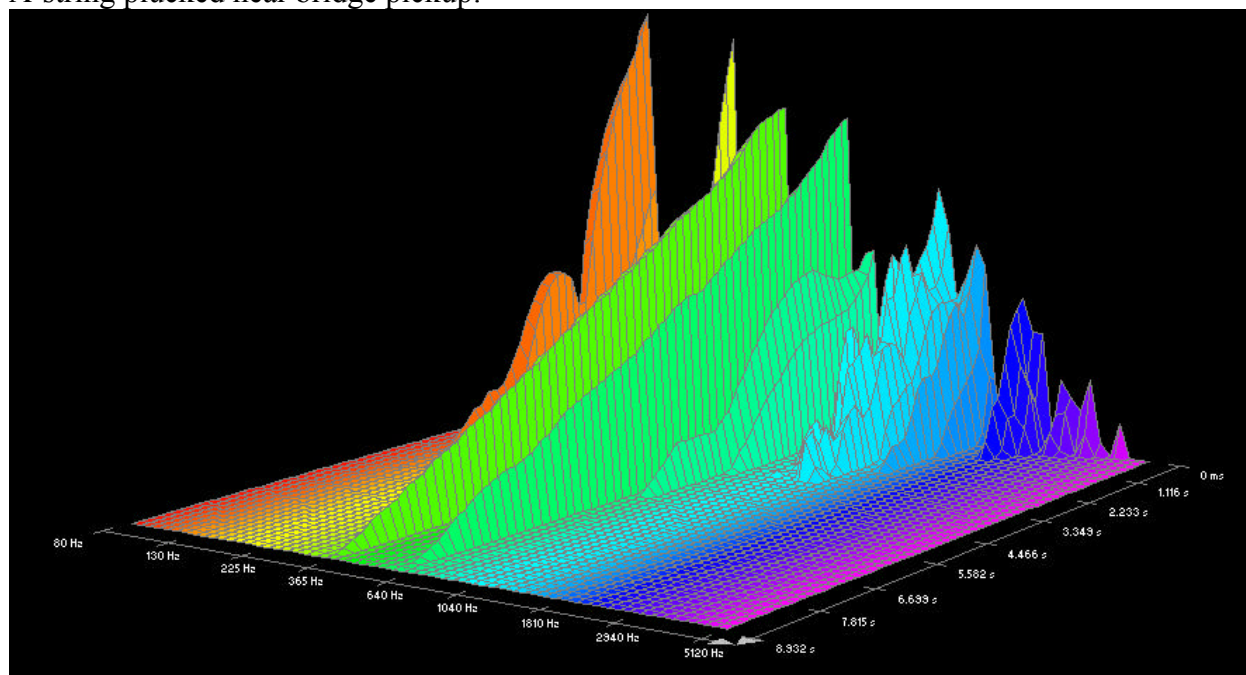
D-string plucked near bridge pickup:



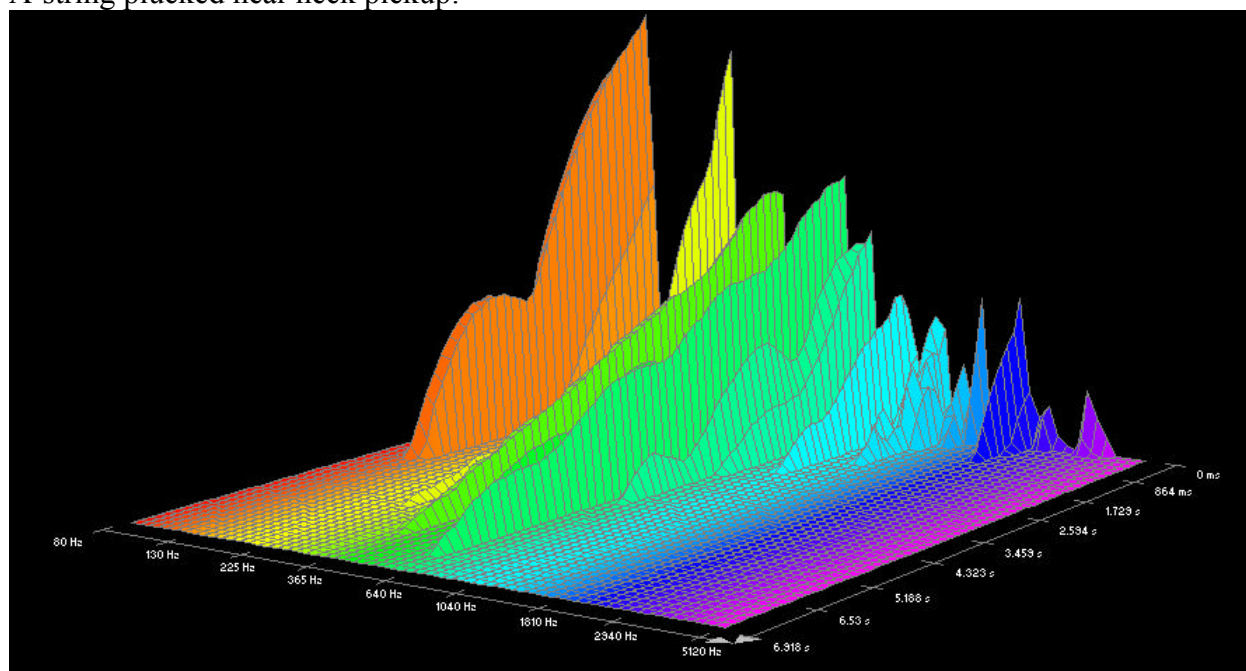
D-string plucked near neck pickup:



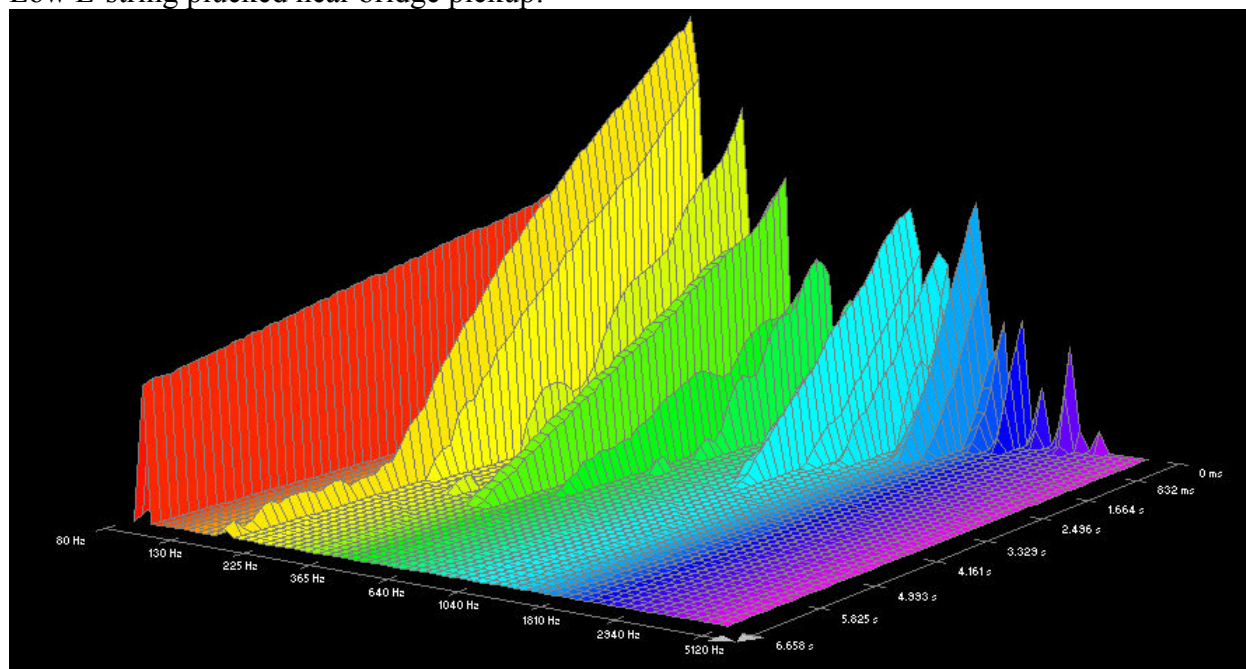
A-string plucked near bridge pickup:



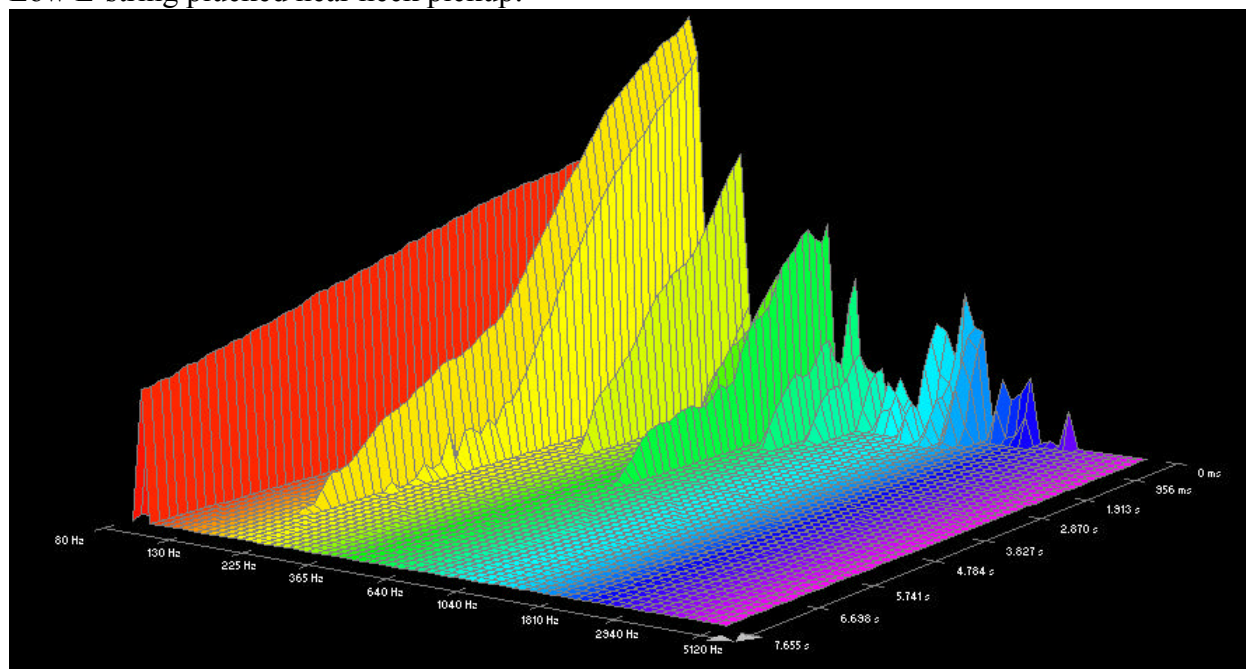
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:



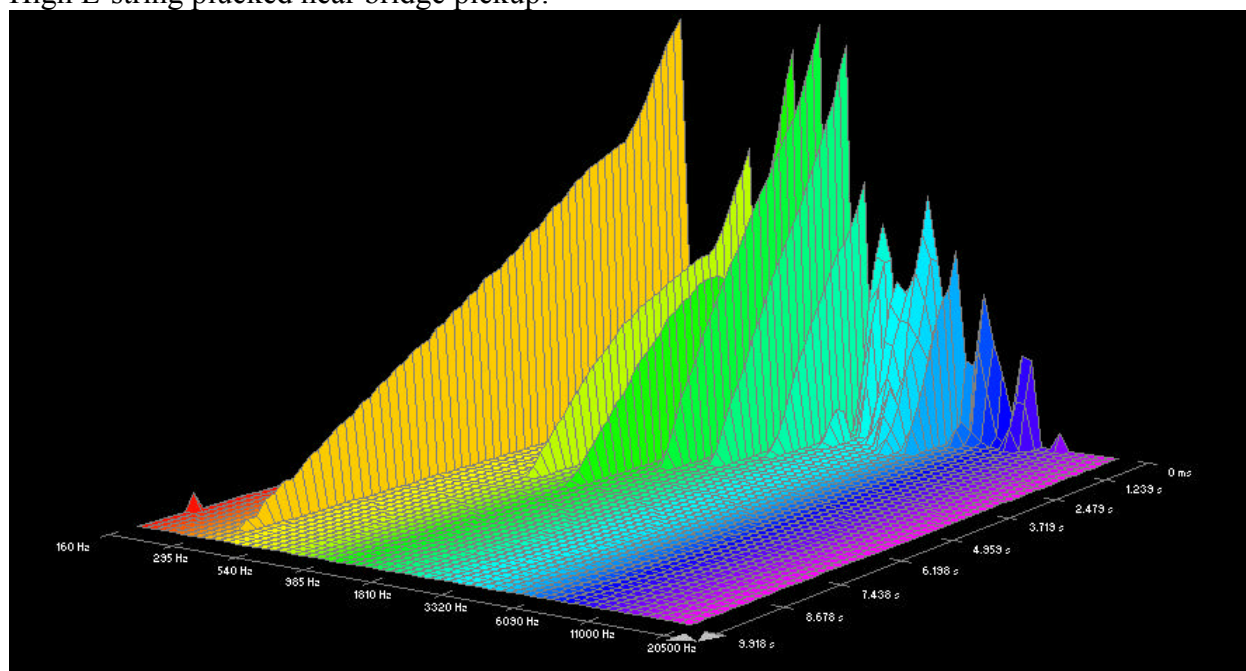
Low E-string plucked near neck pickup:



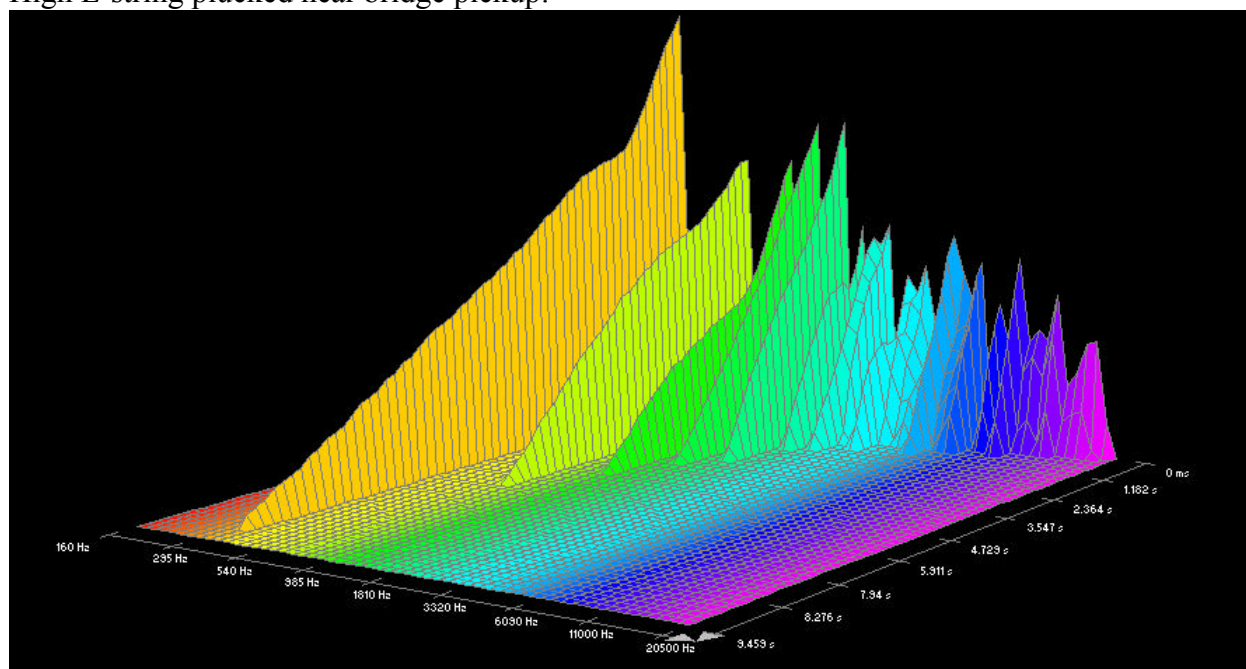


## Fender, 80/20 Bronze:

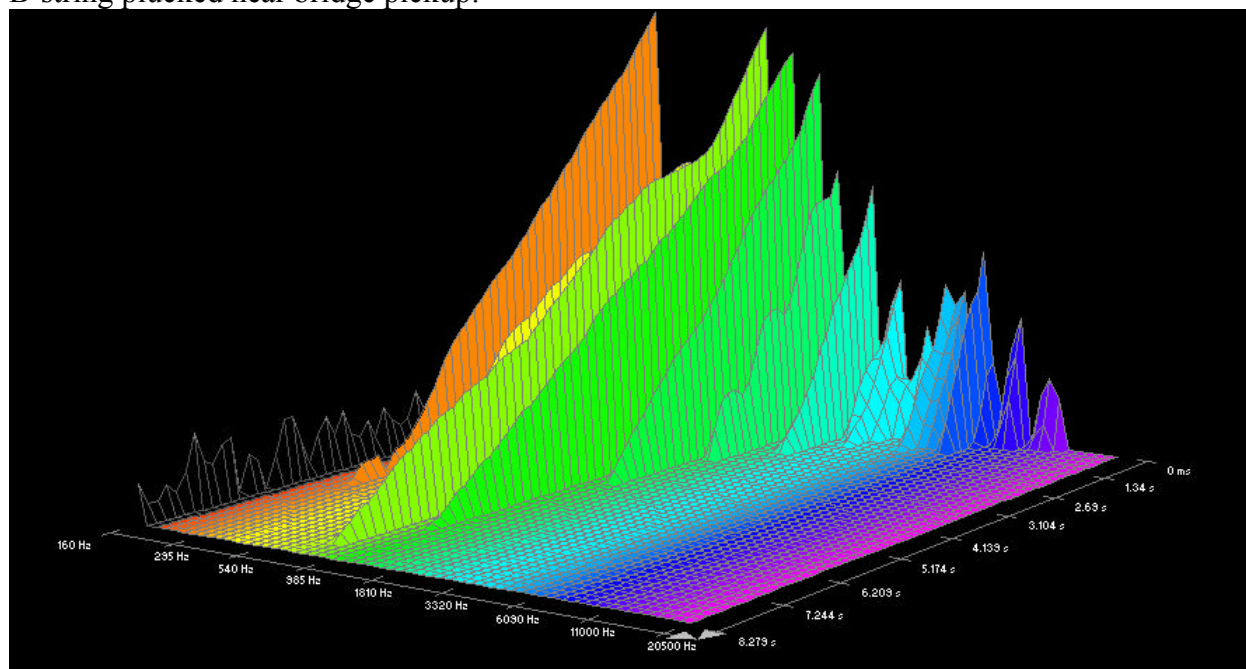
High E-string plucked near bridge pickup:



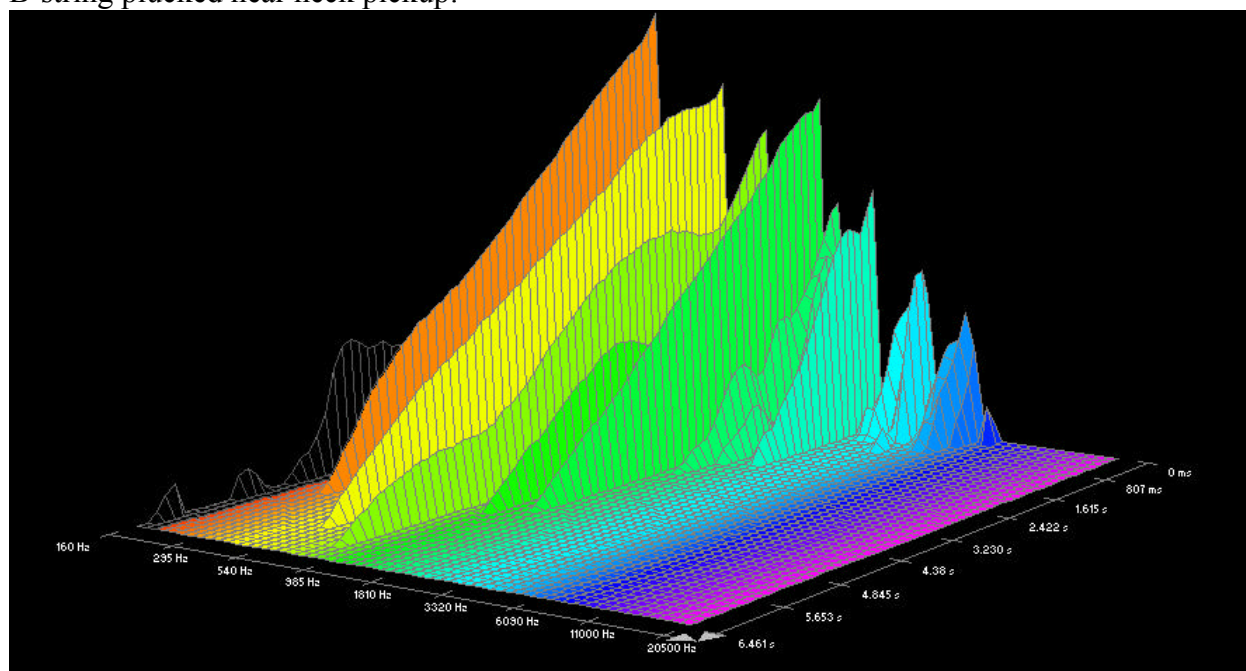
High E-string plucked near bridge pickup:



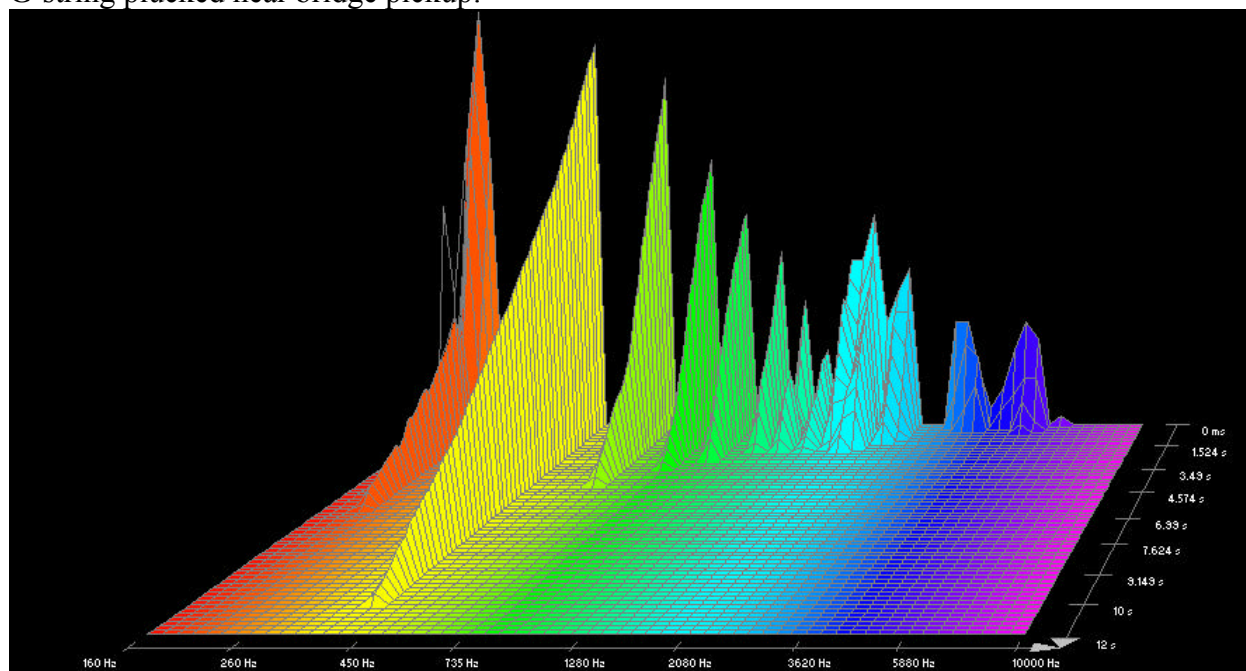
B-string plucked near bridge pickup:



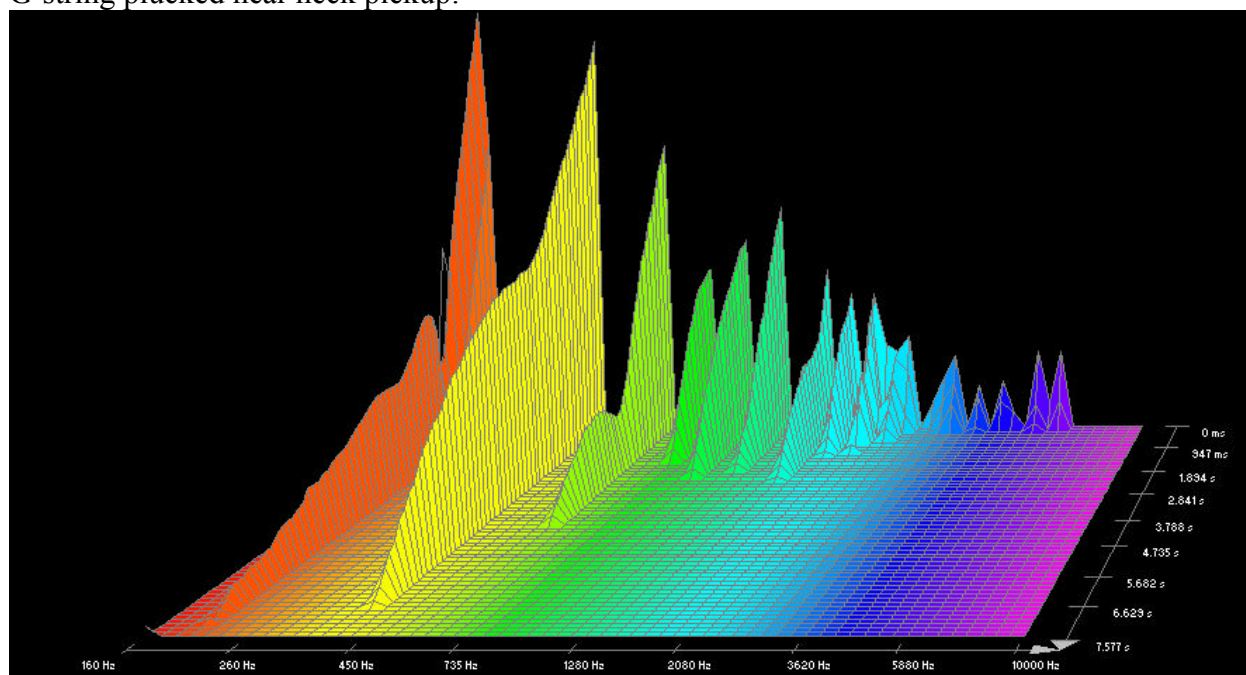
B-string plucked near neck pickup:



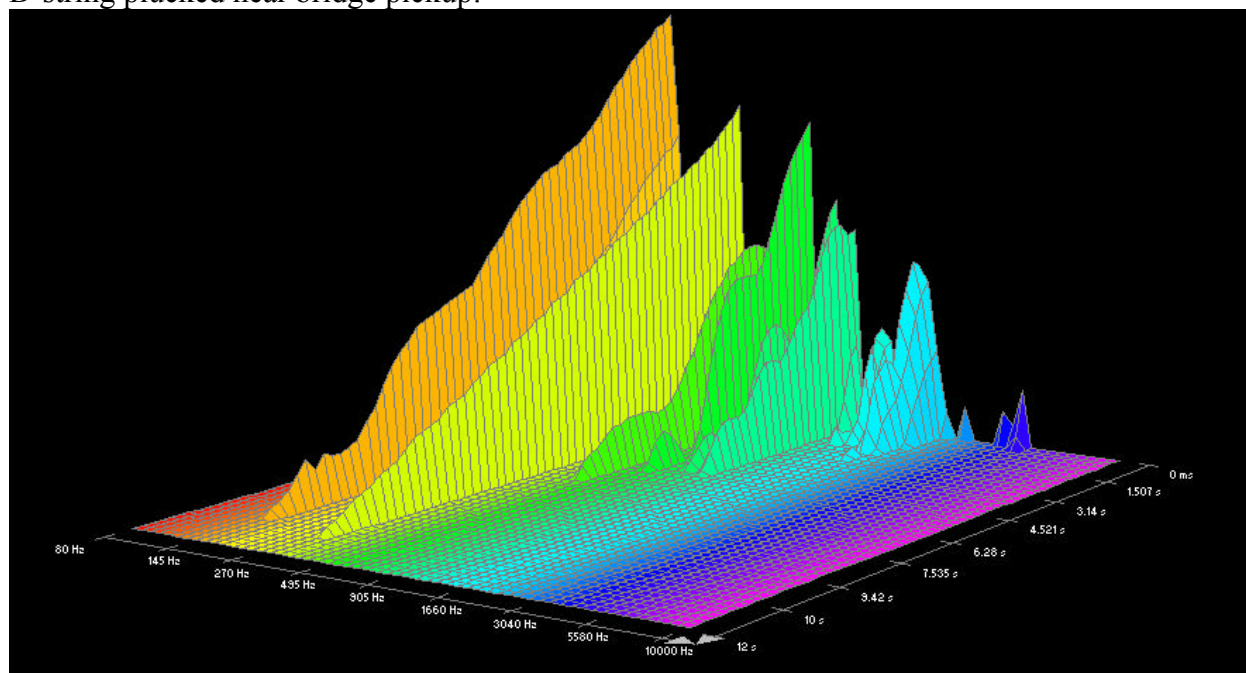
G-string plucked near bridge pickup:



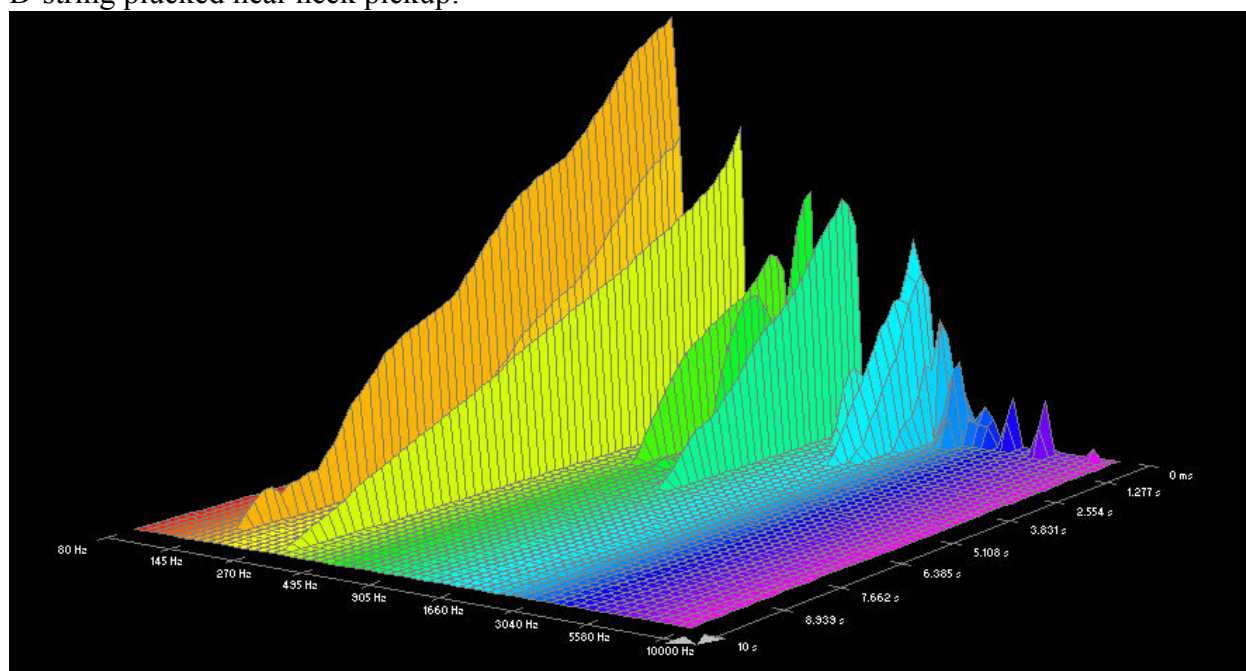
G-string plucked near neck pickup:



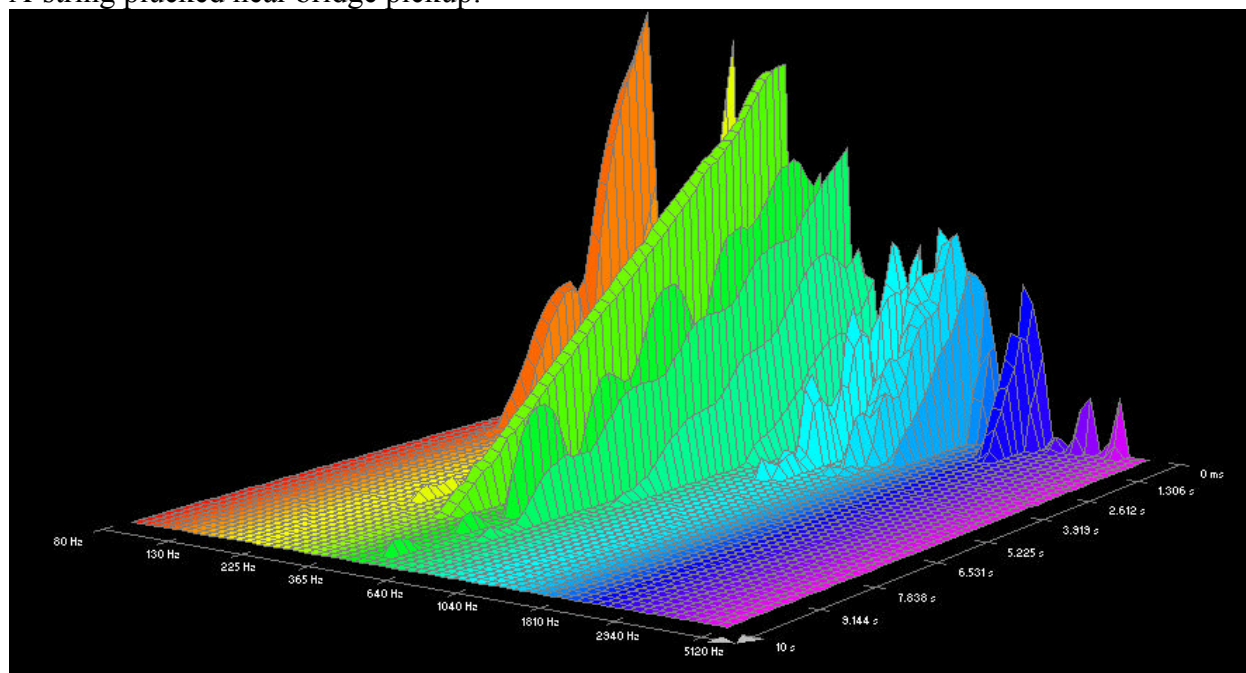
D-string plucked near bridge pickup:



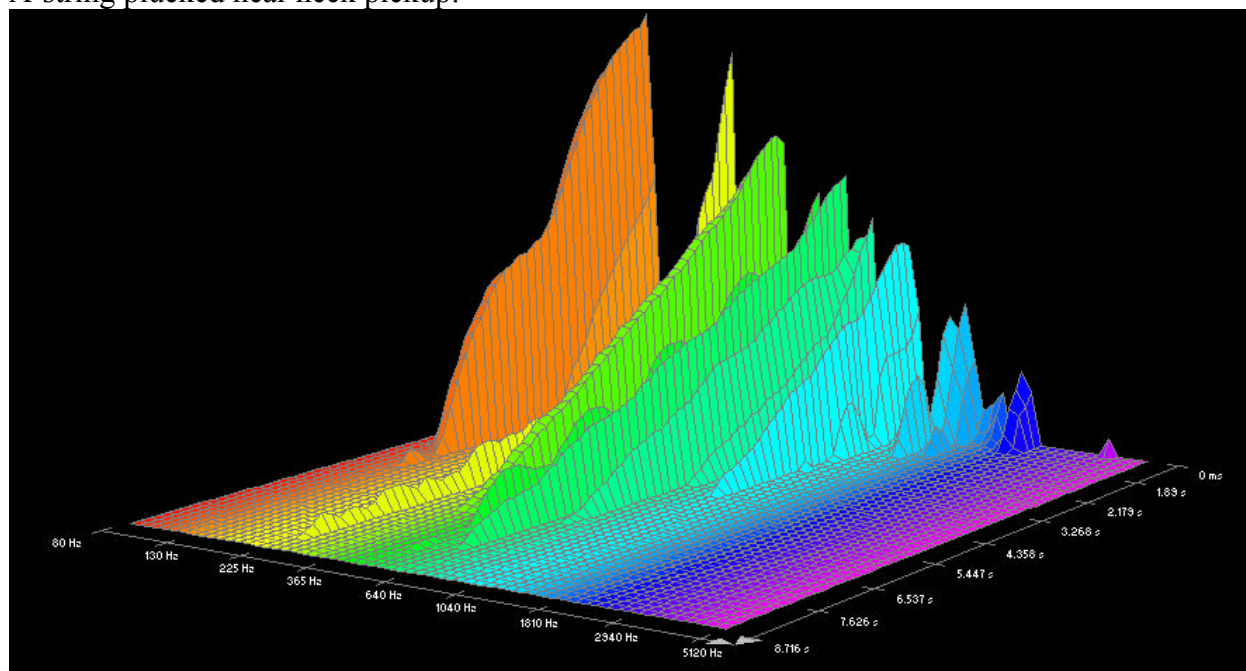
D-string plucked near neck pickup:



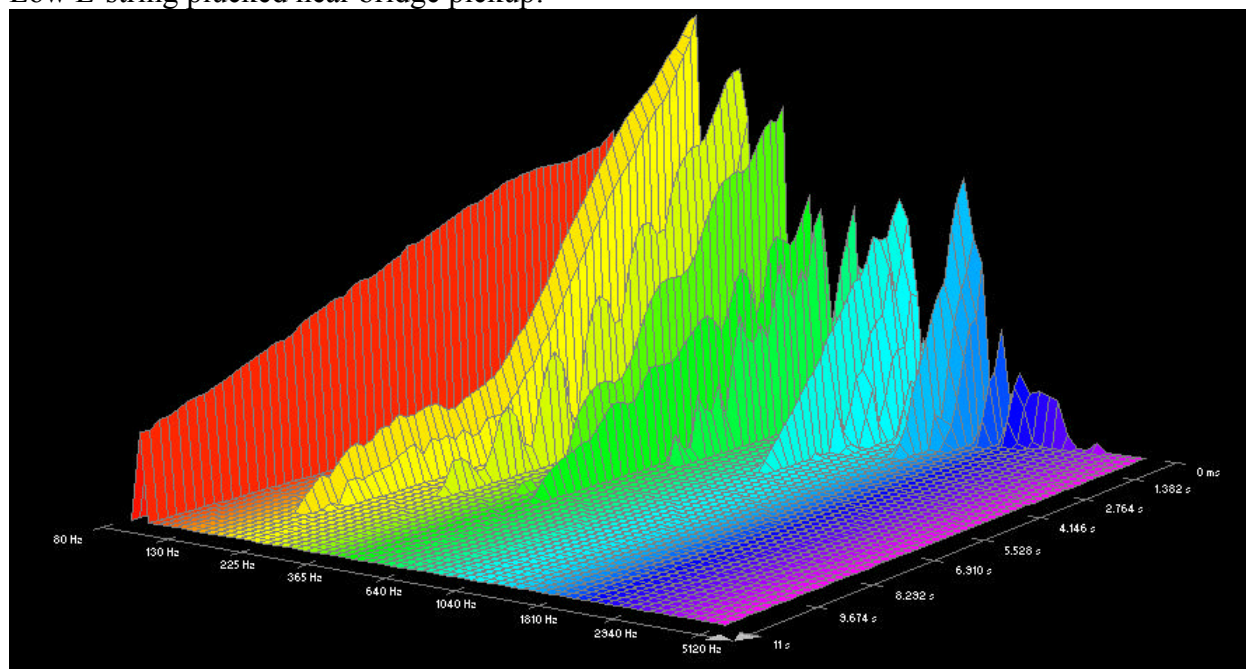
A-string plucked near bridge pickup:



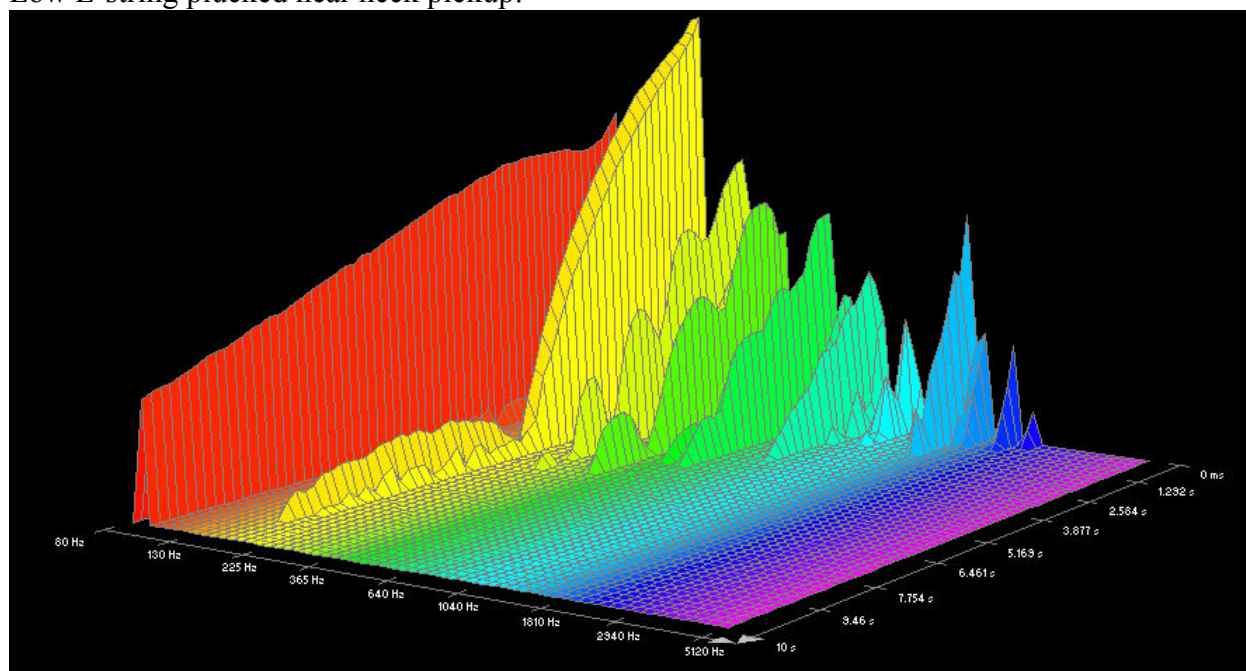
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

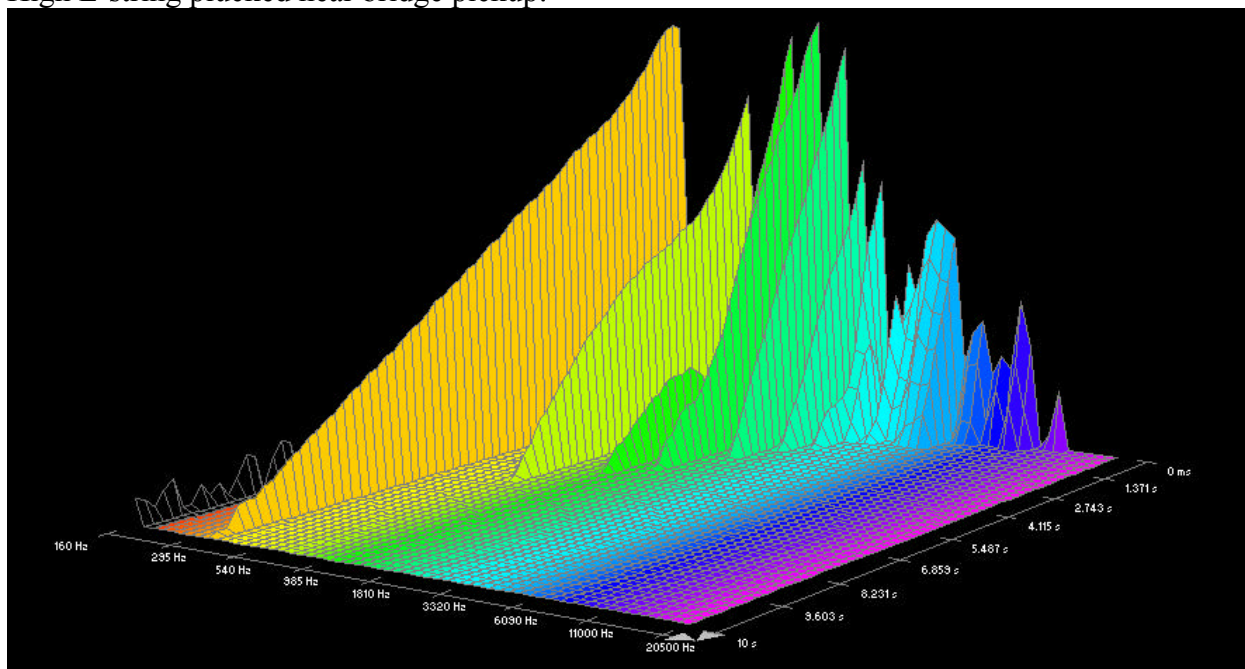


Low E-string plucked near neck pickup:

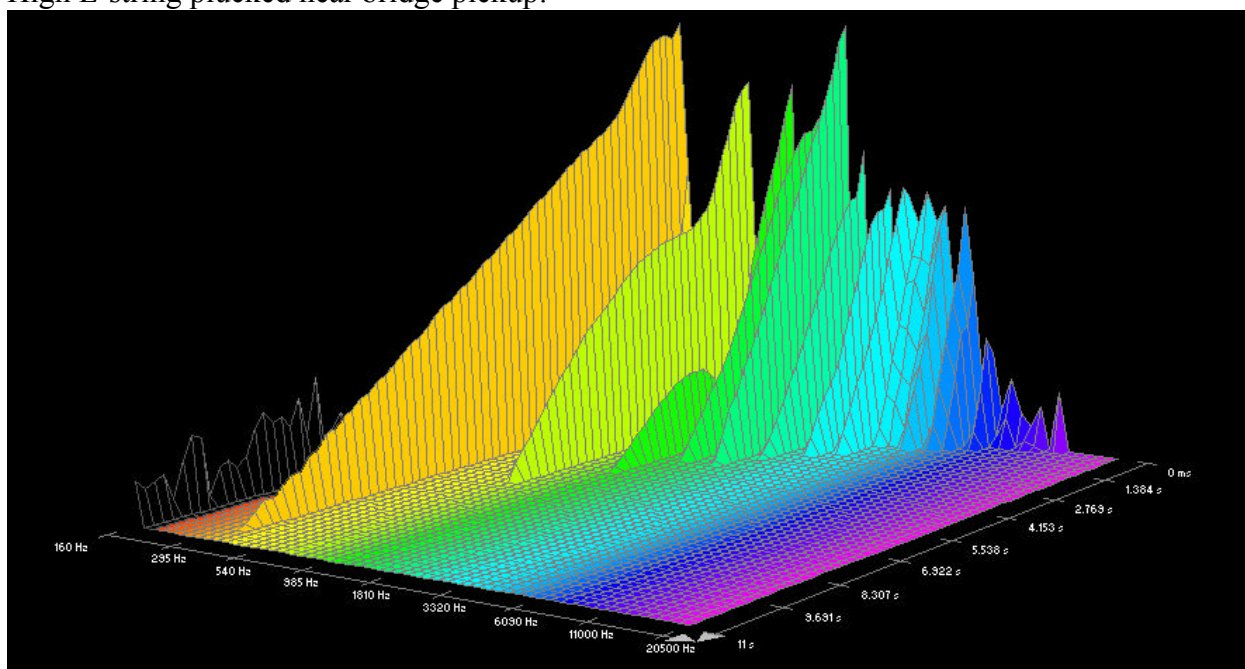


## GHS, Bright Bronze:

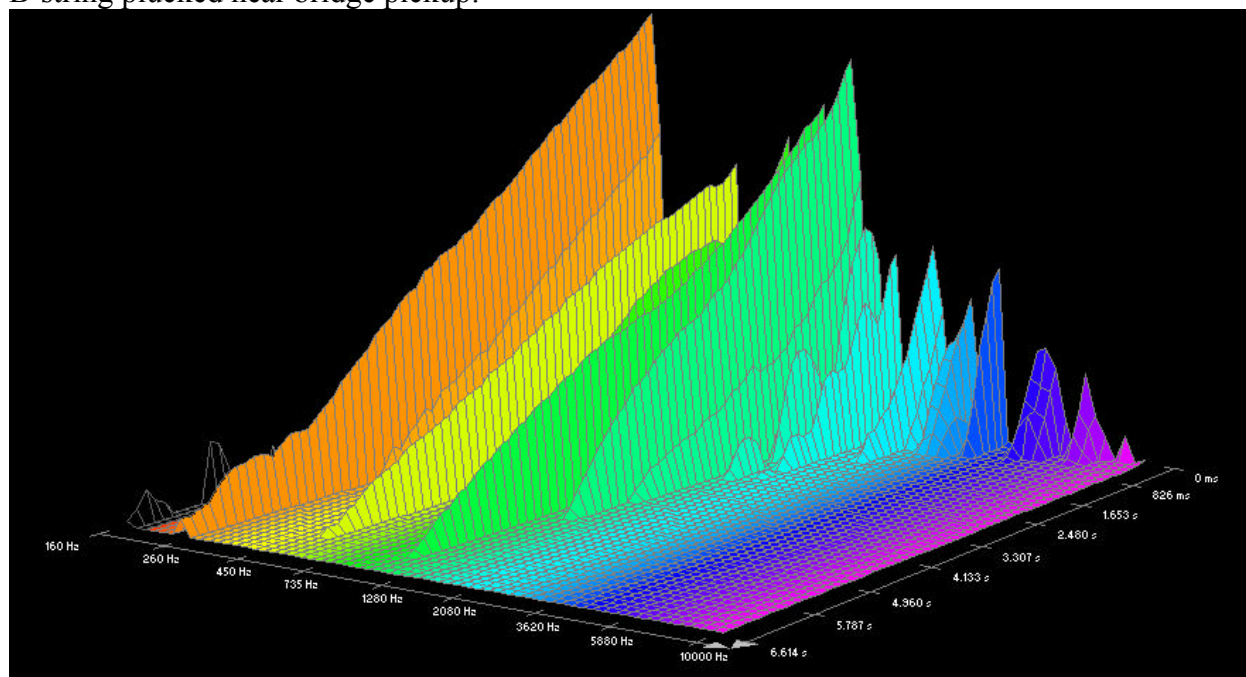
High E-string plucked near bridge pickup:



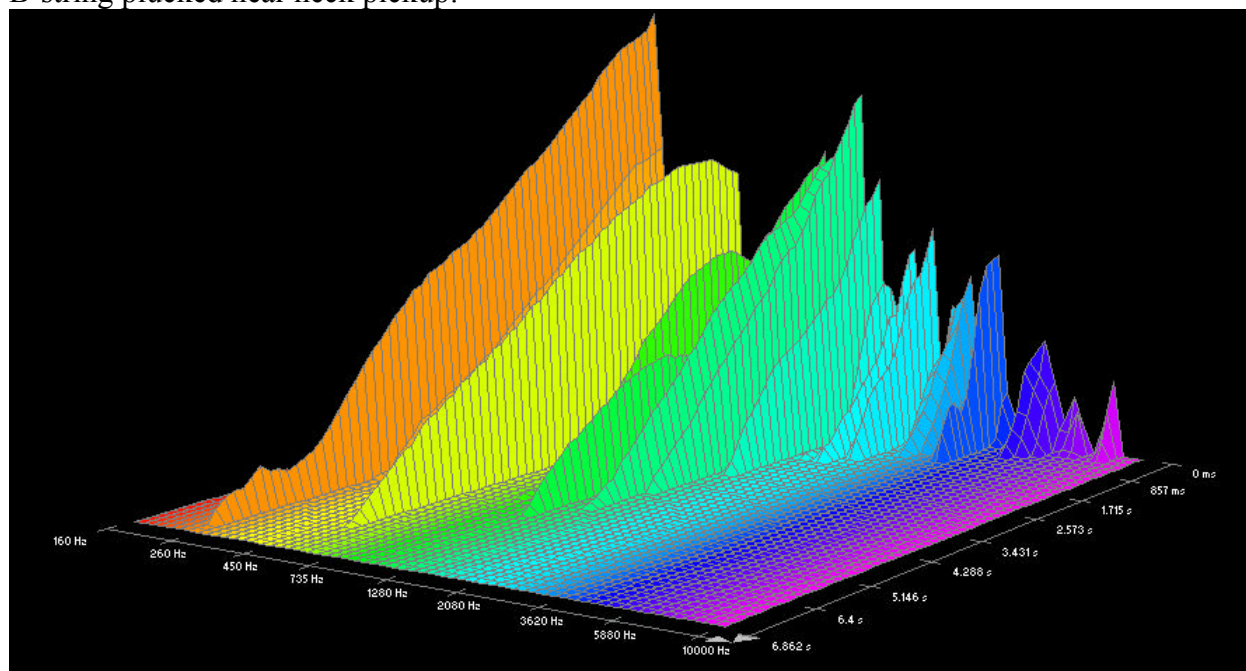
High E-string plucked near bridge pickup:



B-string plucked near bridge pickup:

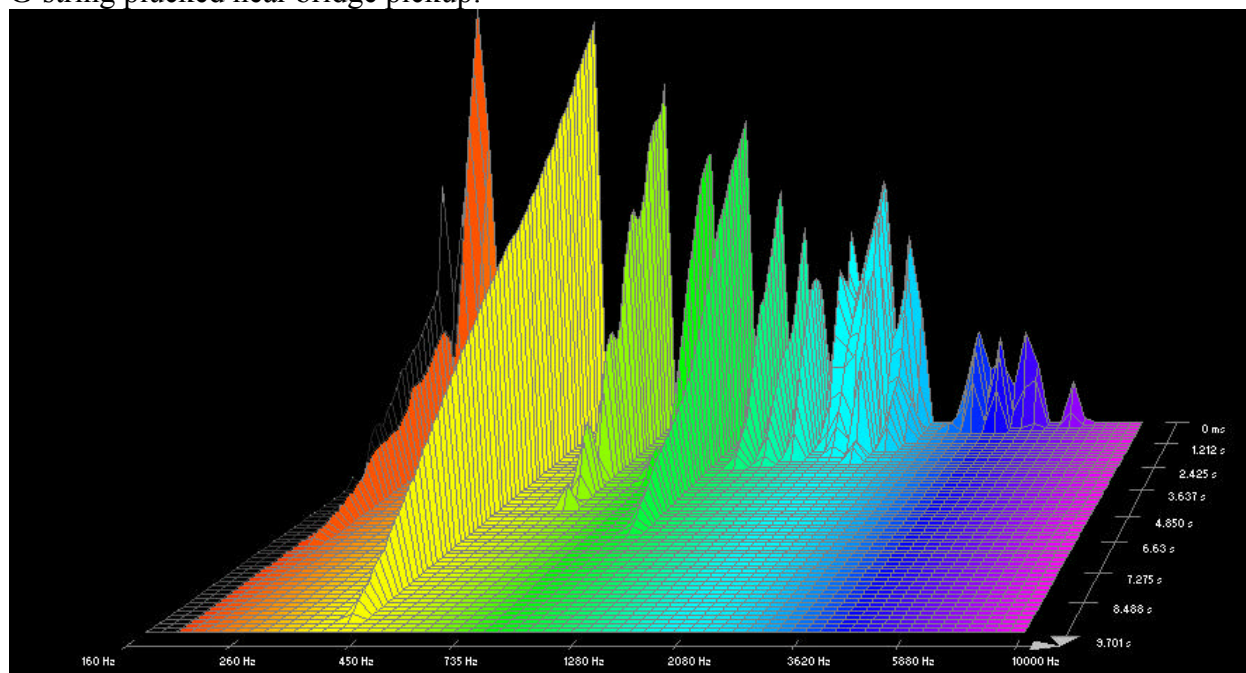


B-string plucked near neck pickup:

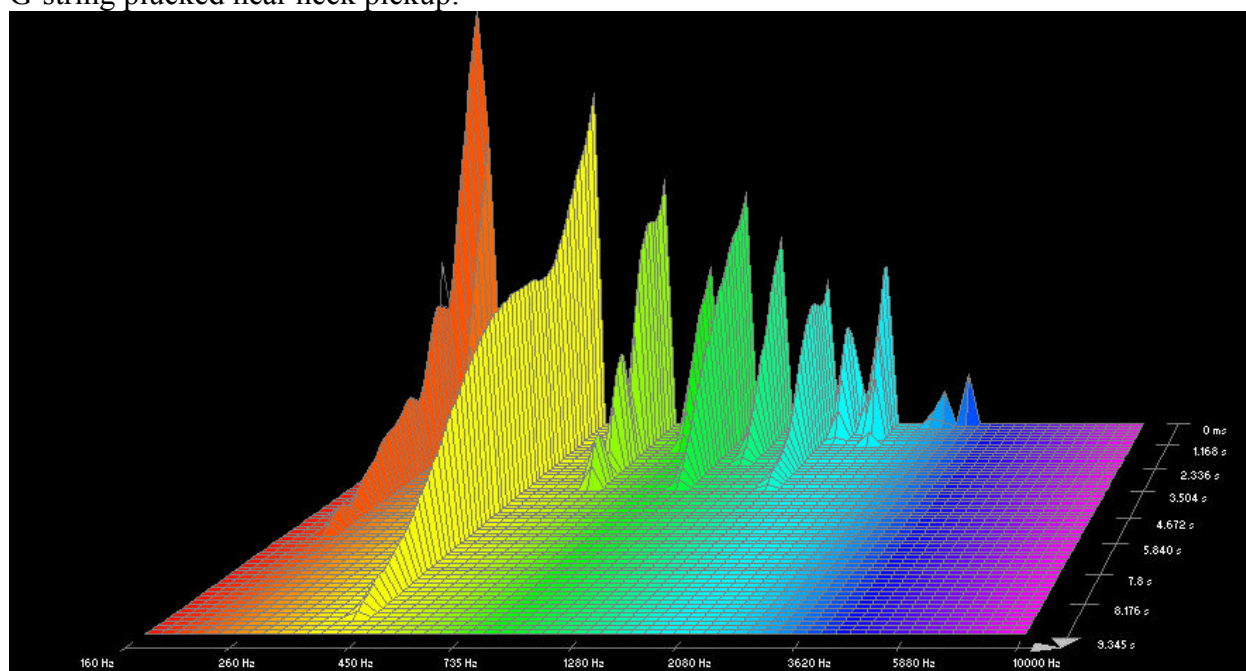




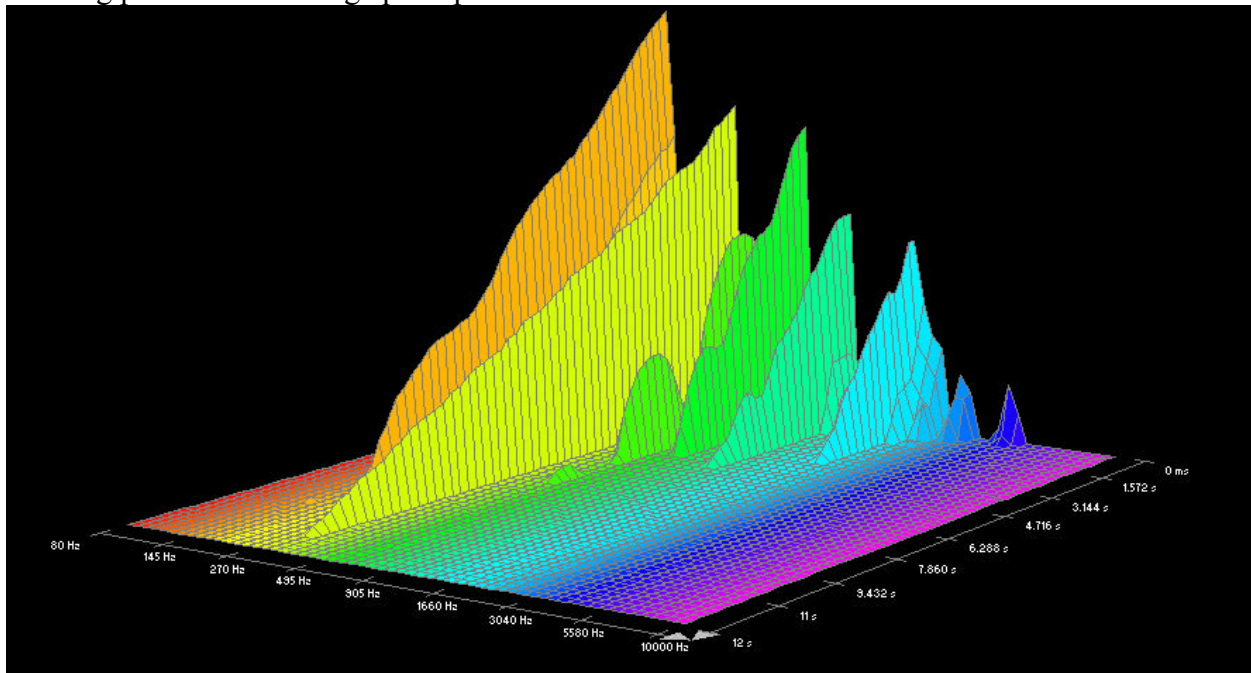
G-string plucked near bridge pickup:



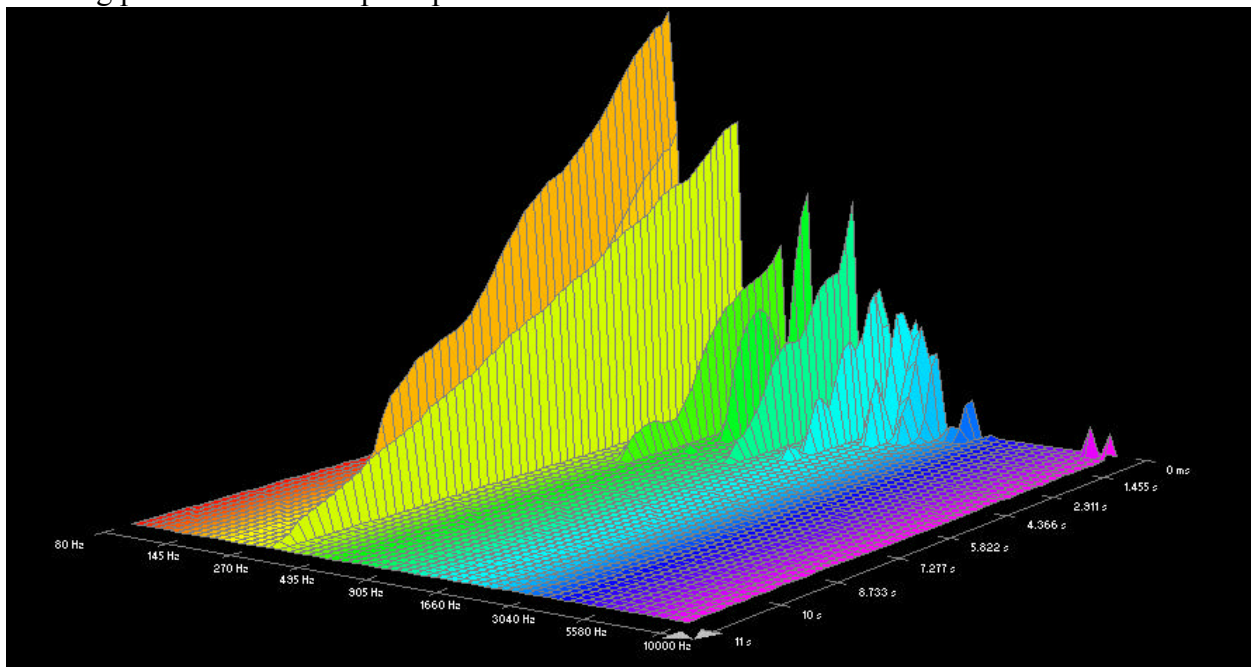
G-string plucked near neck pickup:



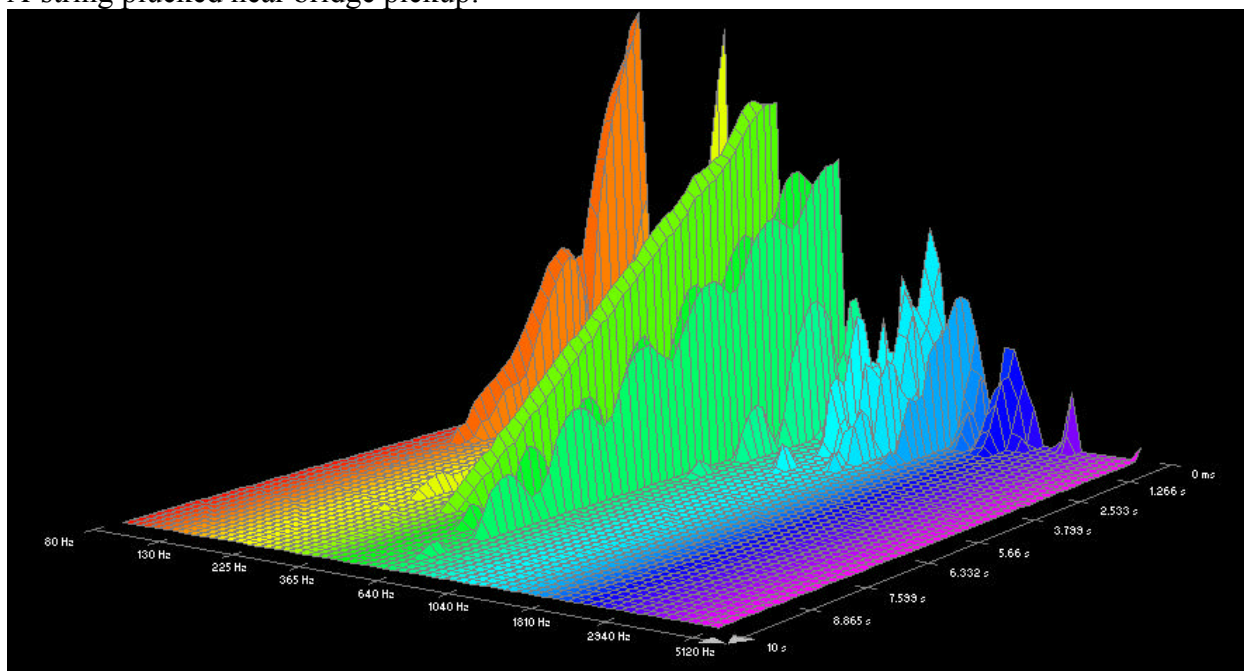
D-string plucked near bridge pickup:



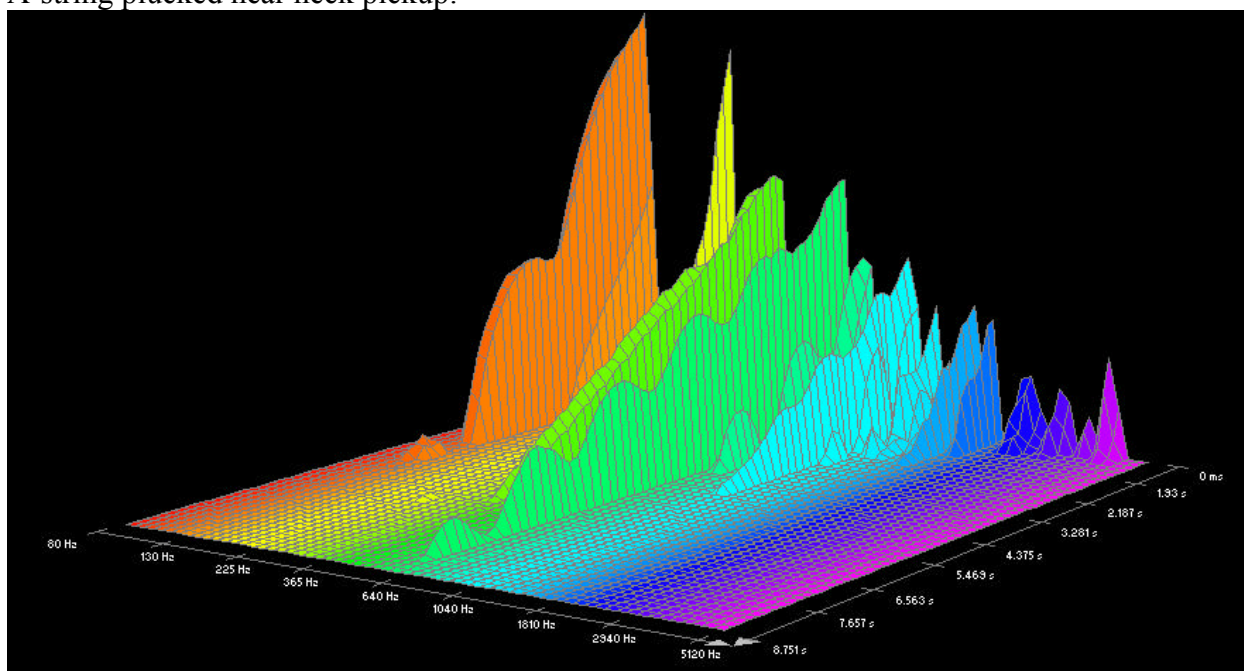
D-string plucked near neck pickup:



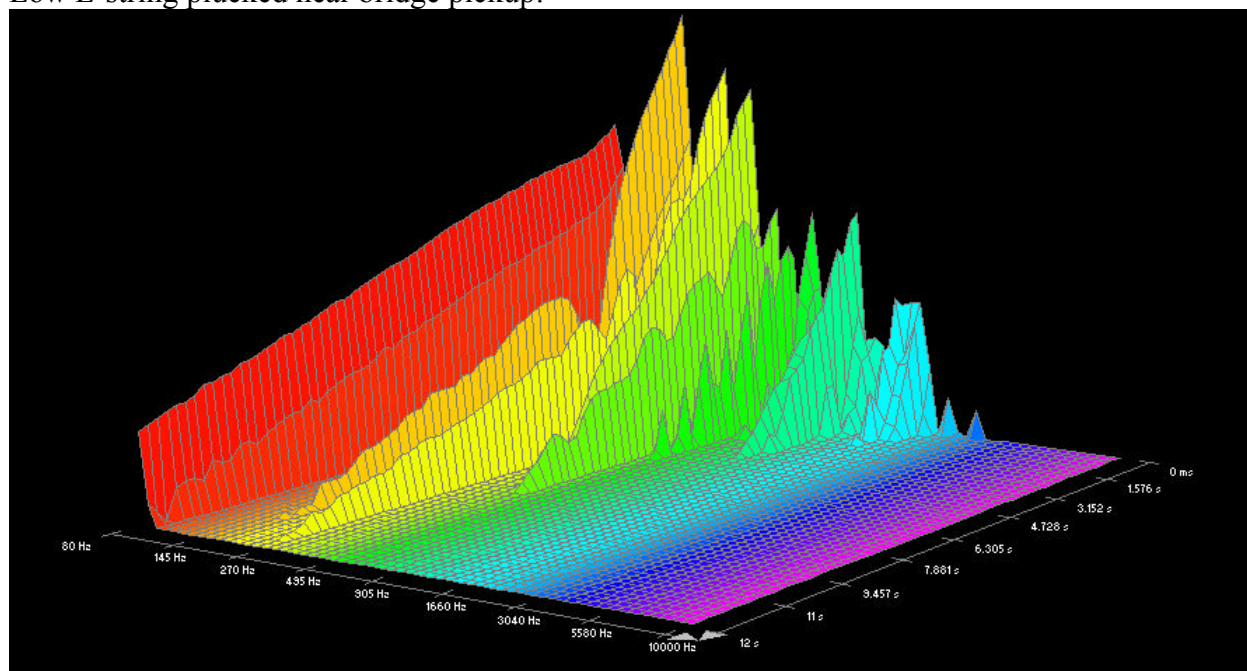
A-string plucked near bridge pickup:



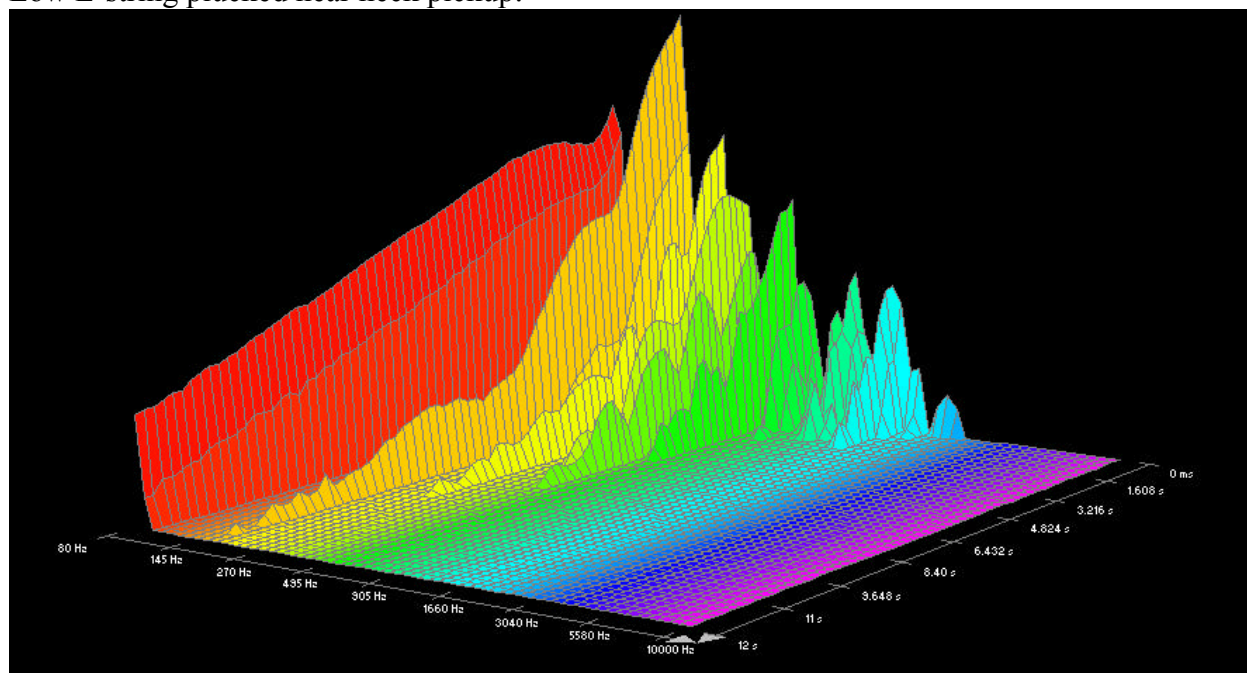
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

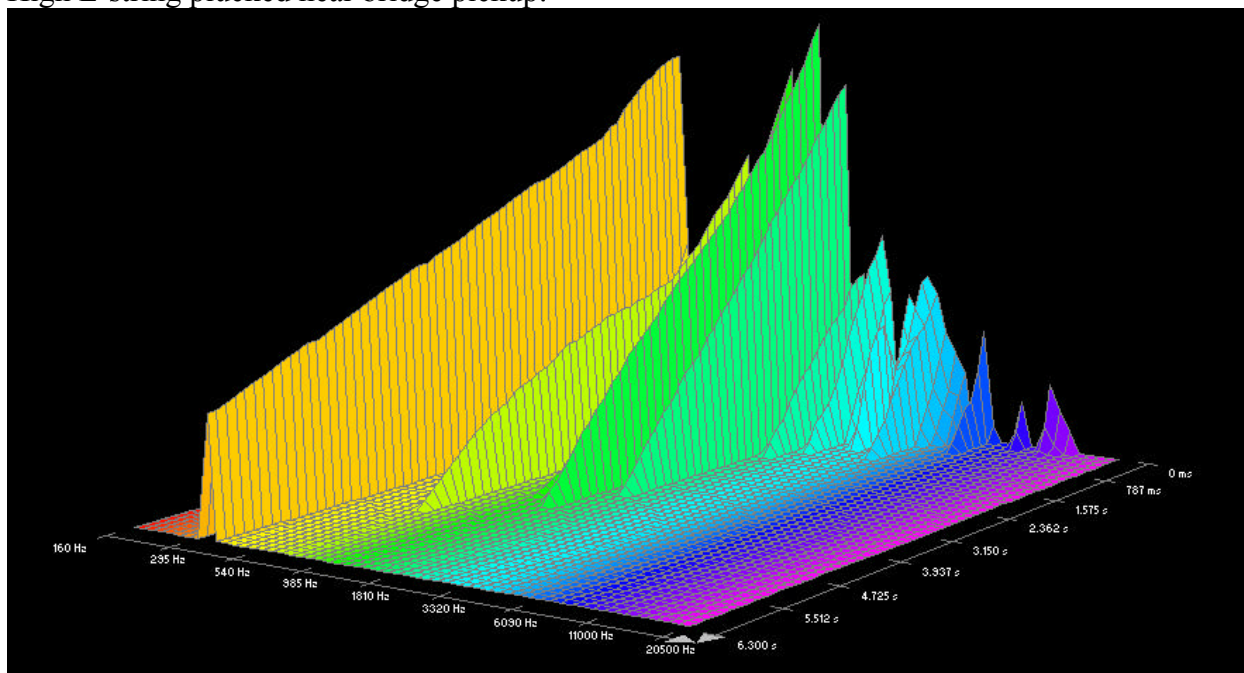


Low E-string plucked near neck pickup:

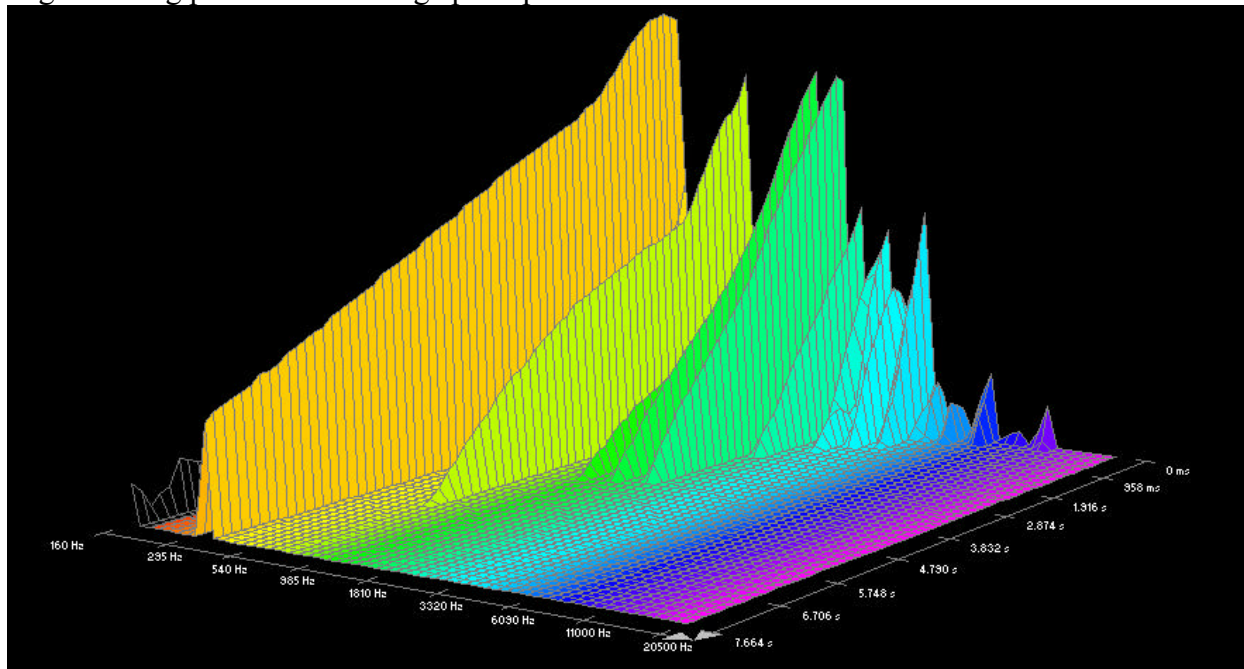


## GHS, Infinity Bronze:

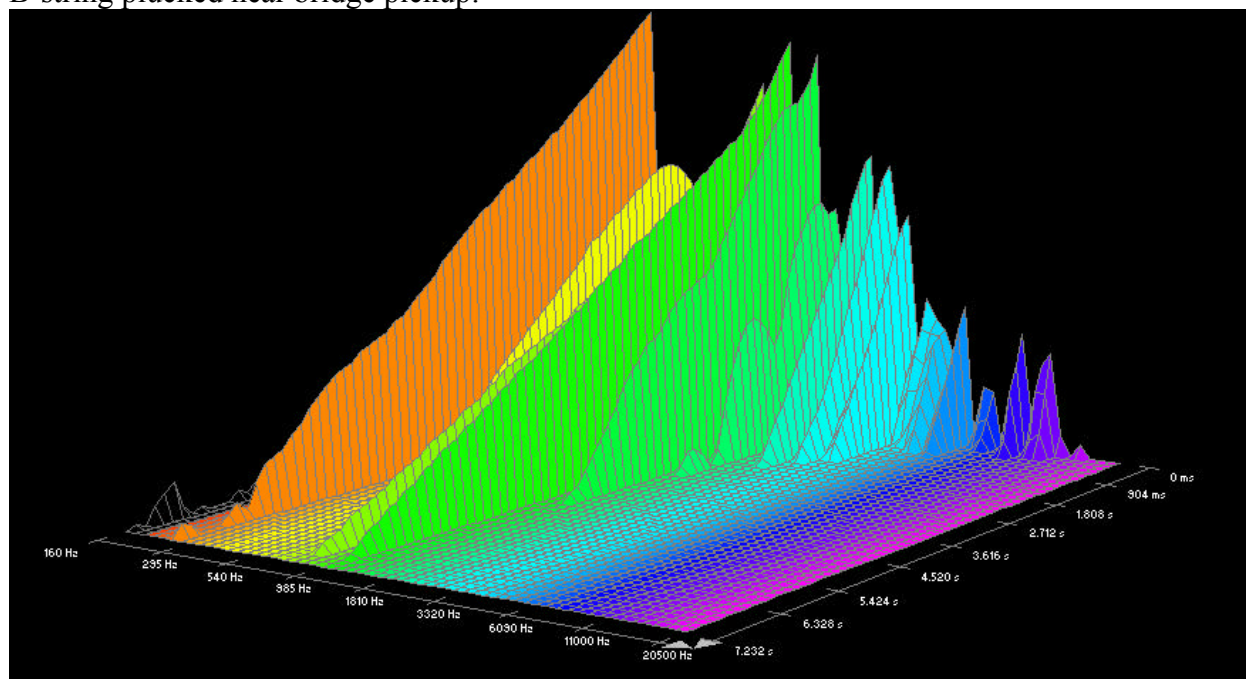
High E-string plucked near bridge pickup:



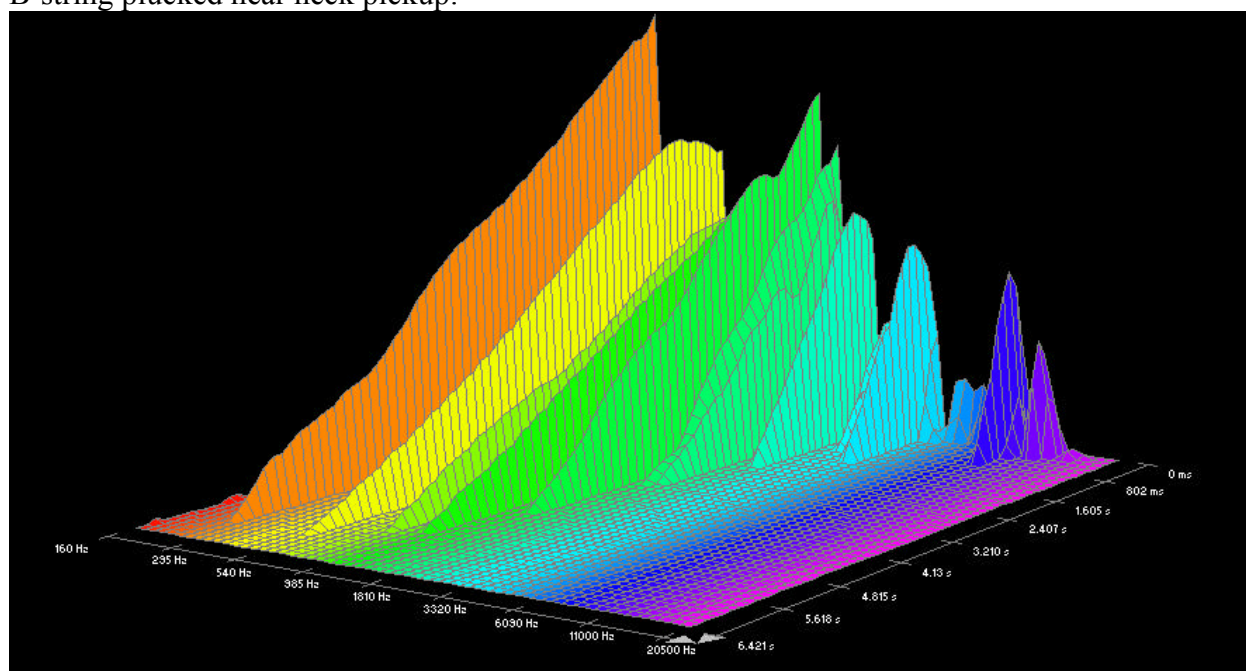
High E-string plucked near bridge pickup:



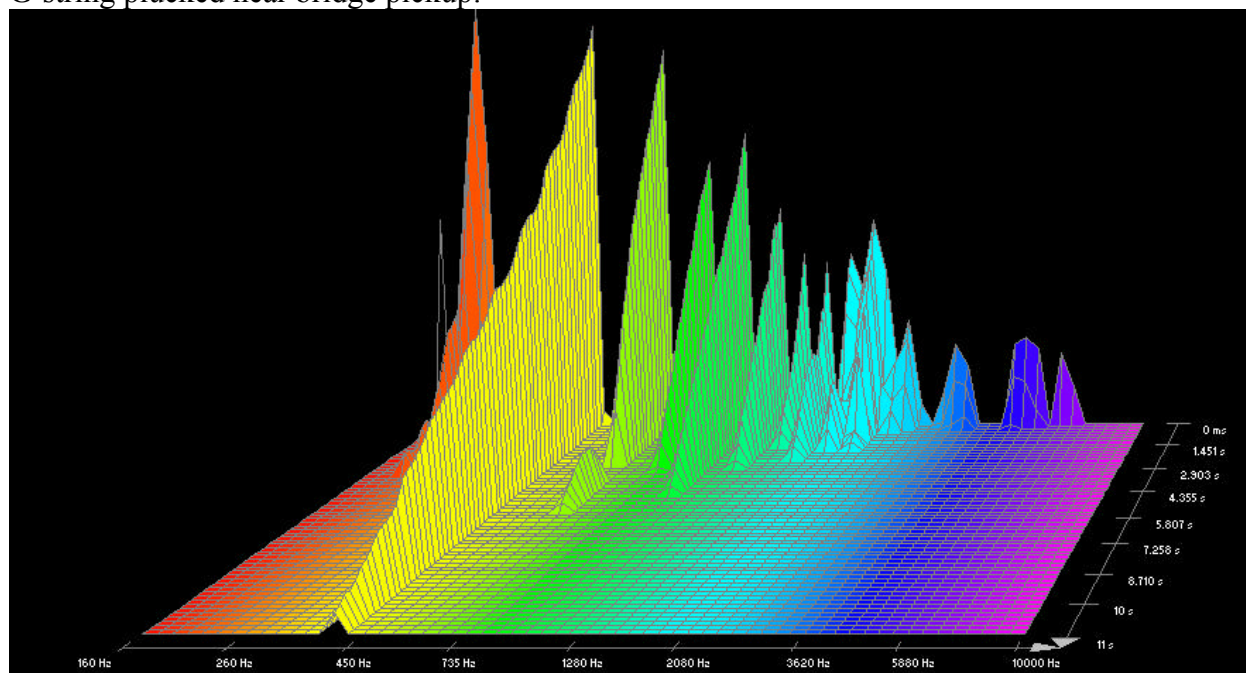
B-string plucked near bridge pickup:



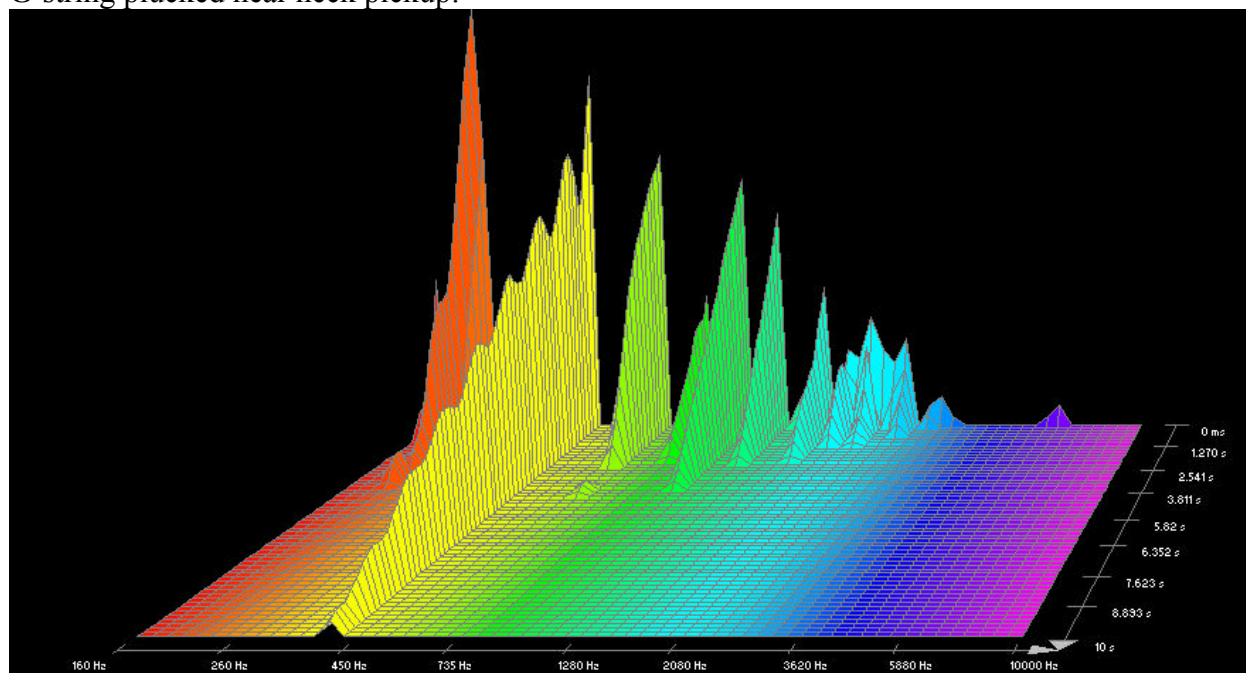
B-string plucked near neck pickup:



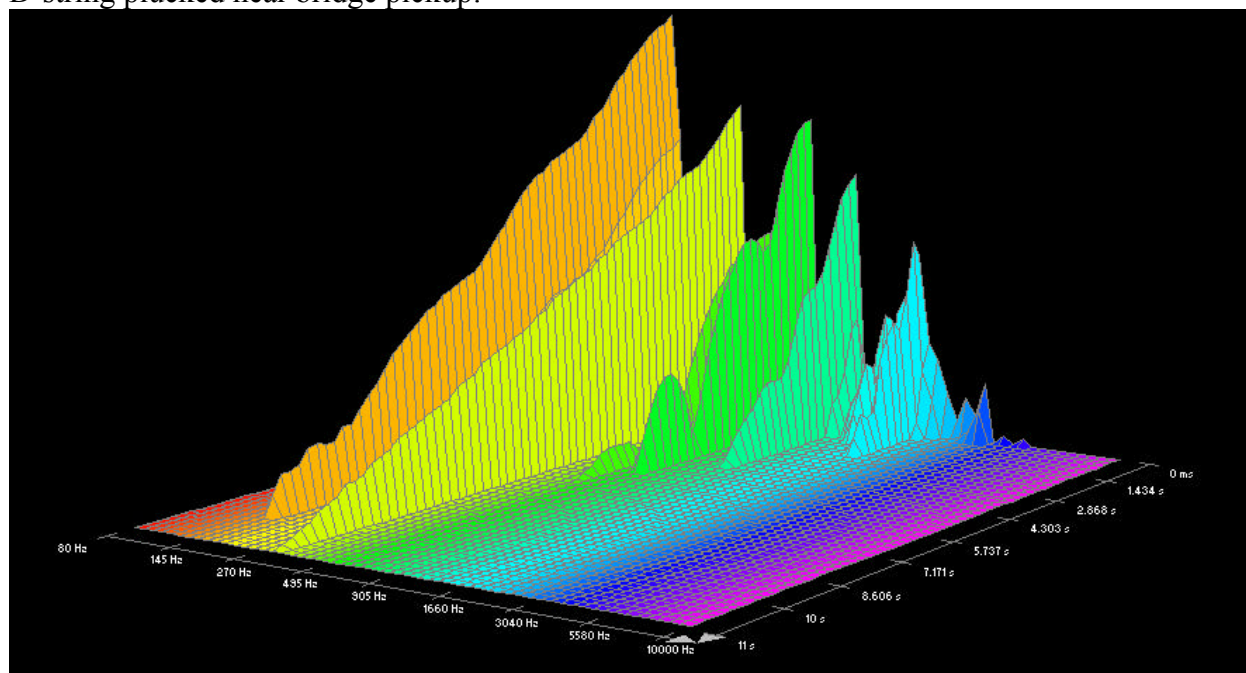
G-string plucked near bridge pickup:



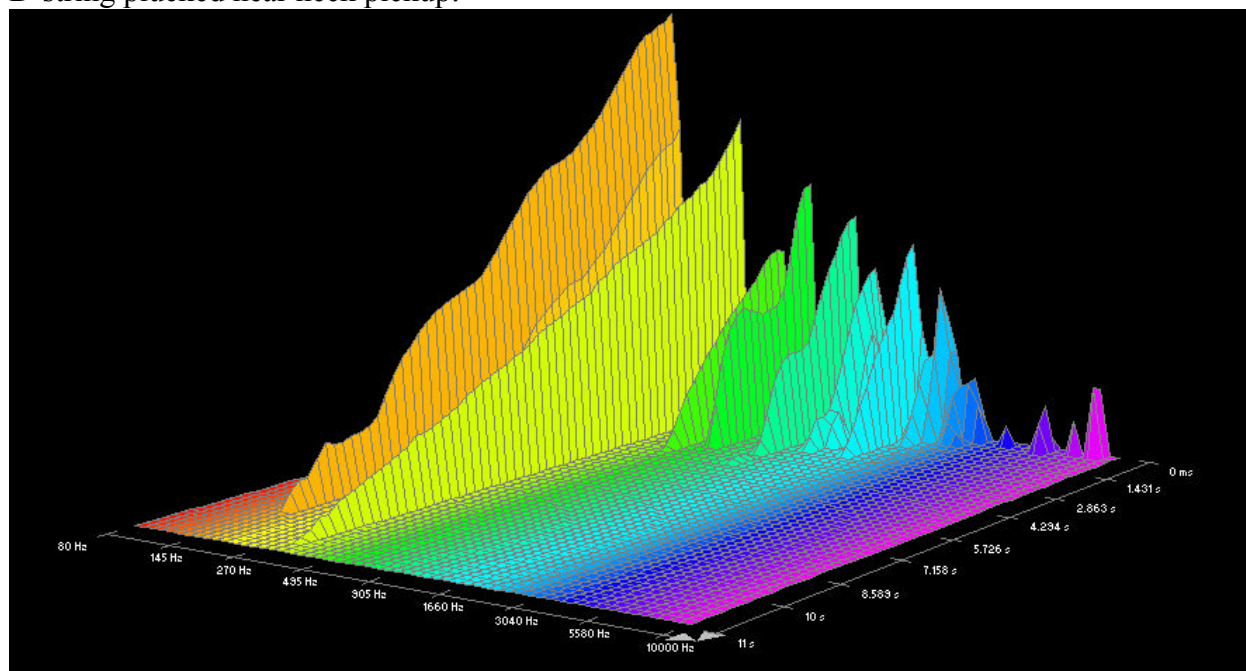
G-string plucked near neck pickup:



D-string plucked near bridge pickup:

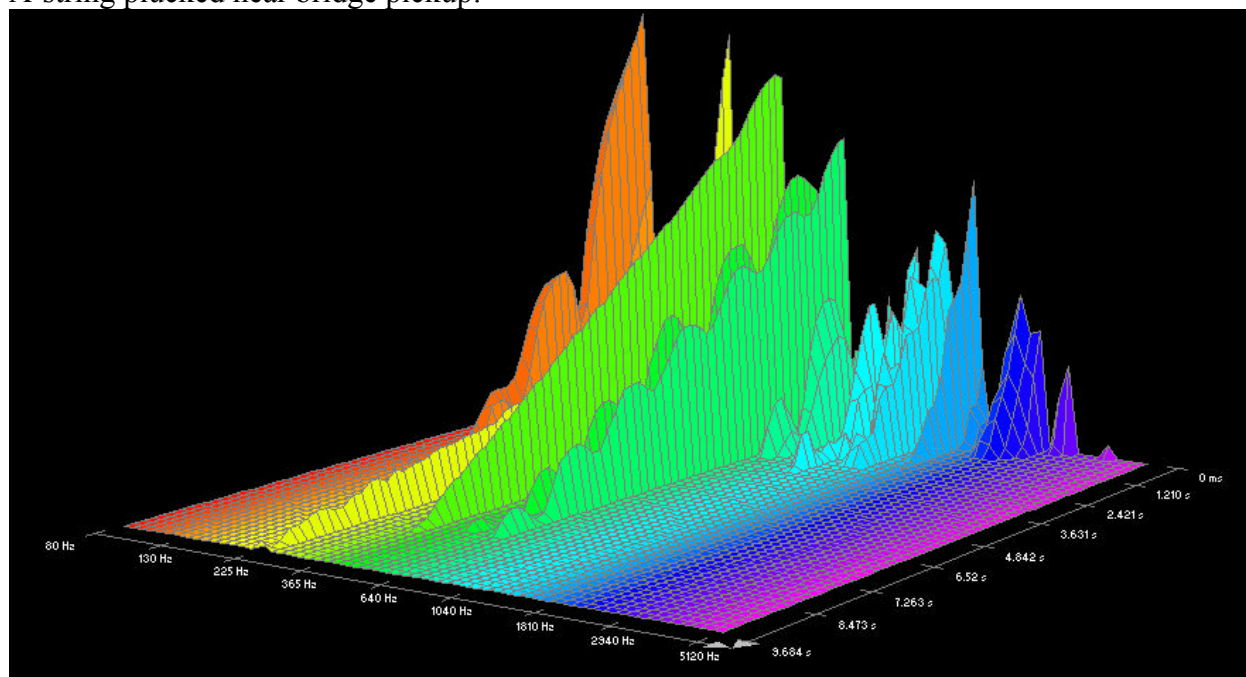


D-string plucked near neck pickup:

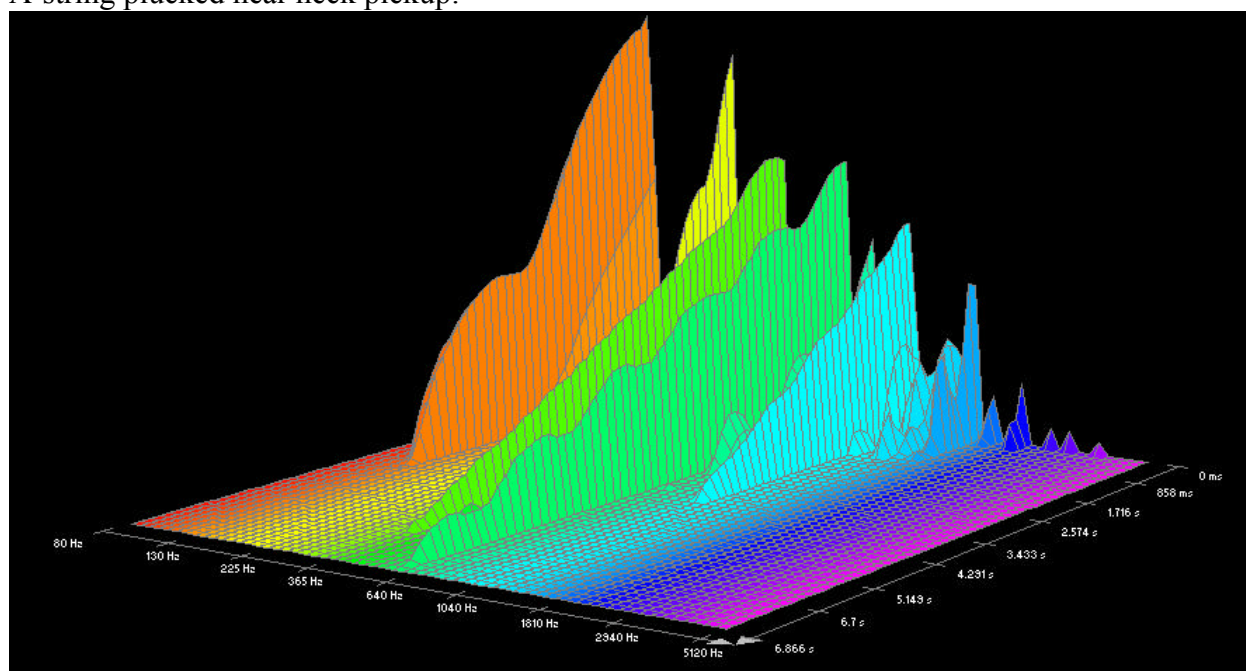




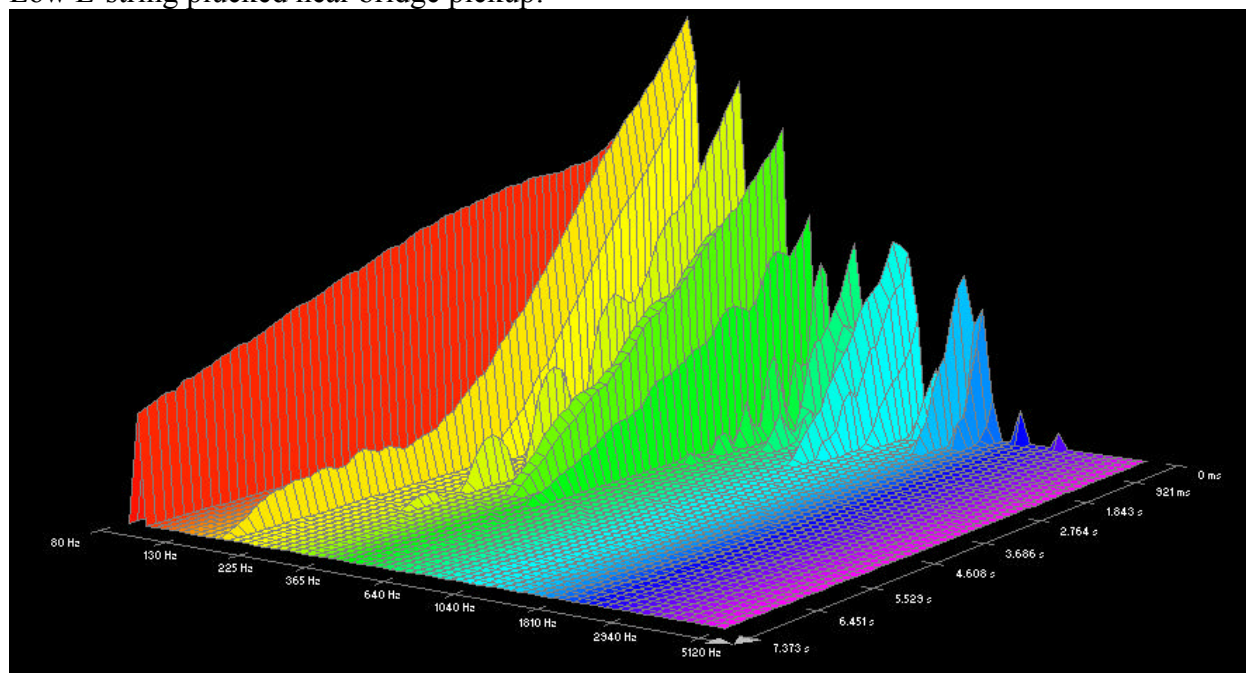
A-string plucked near bridge pickup:



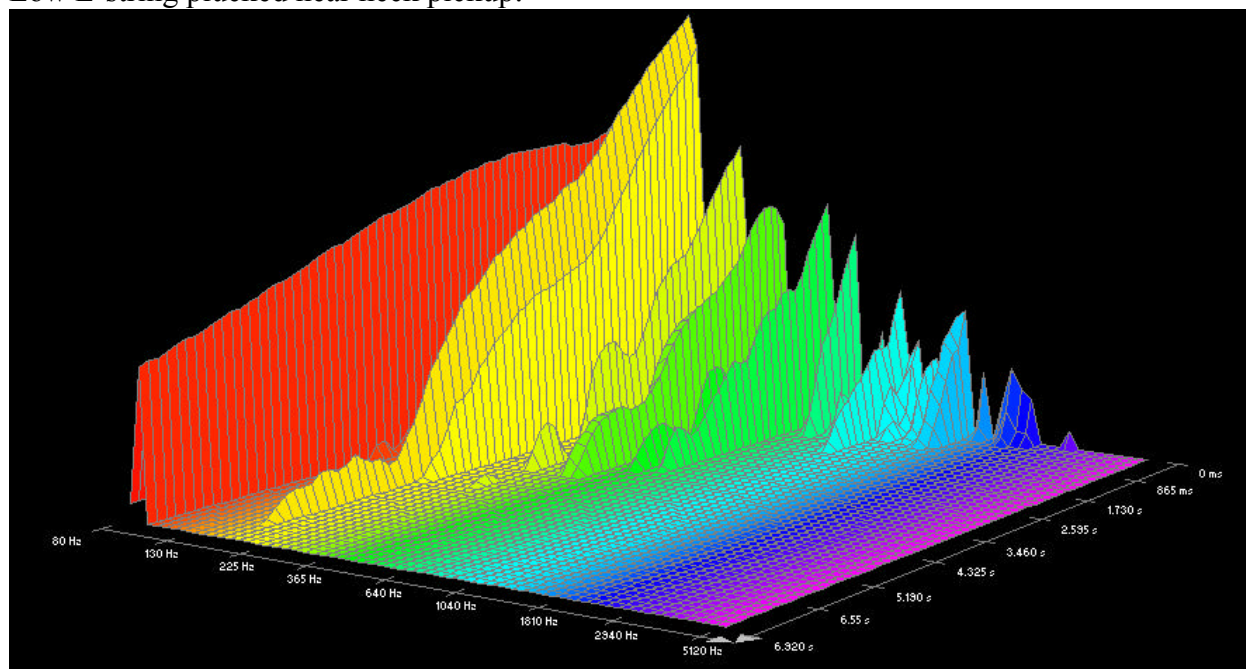
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

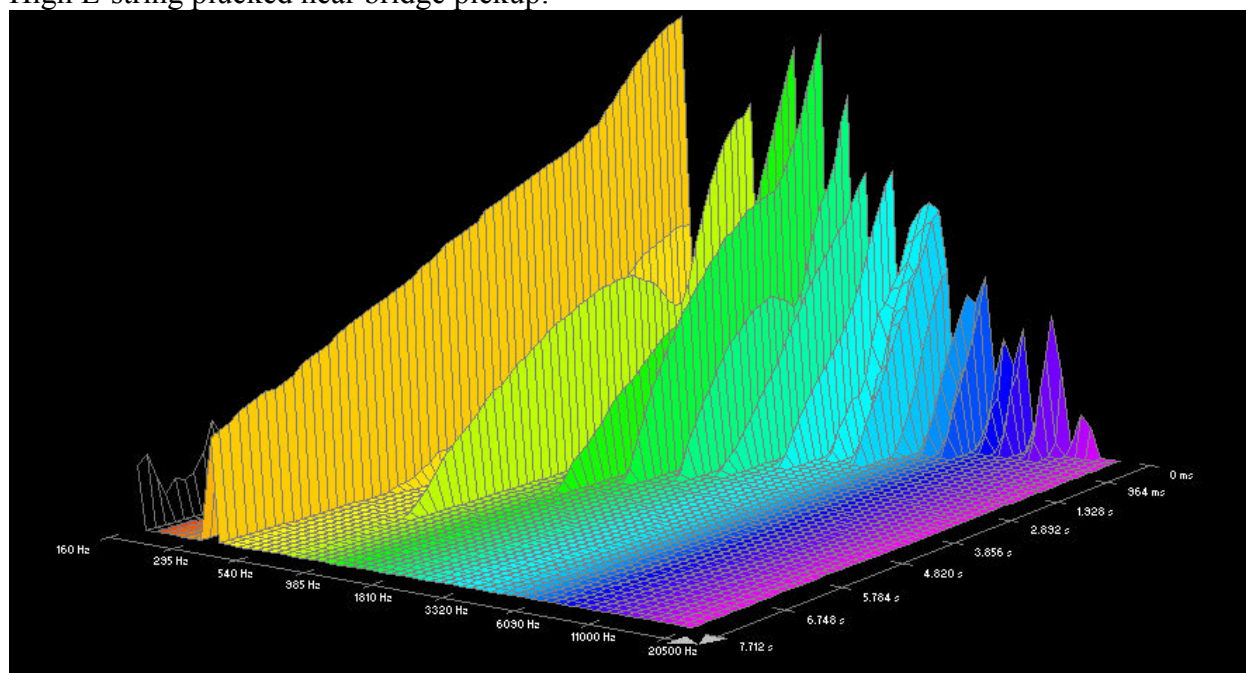


Low E-string plucked near neck pickup:

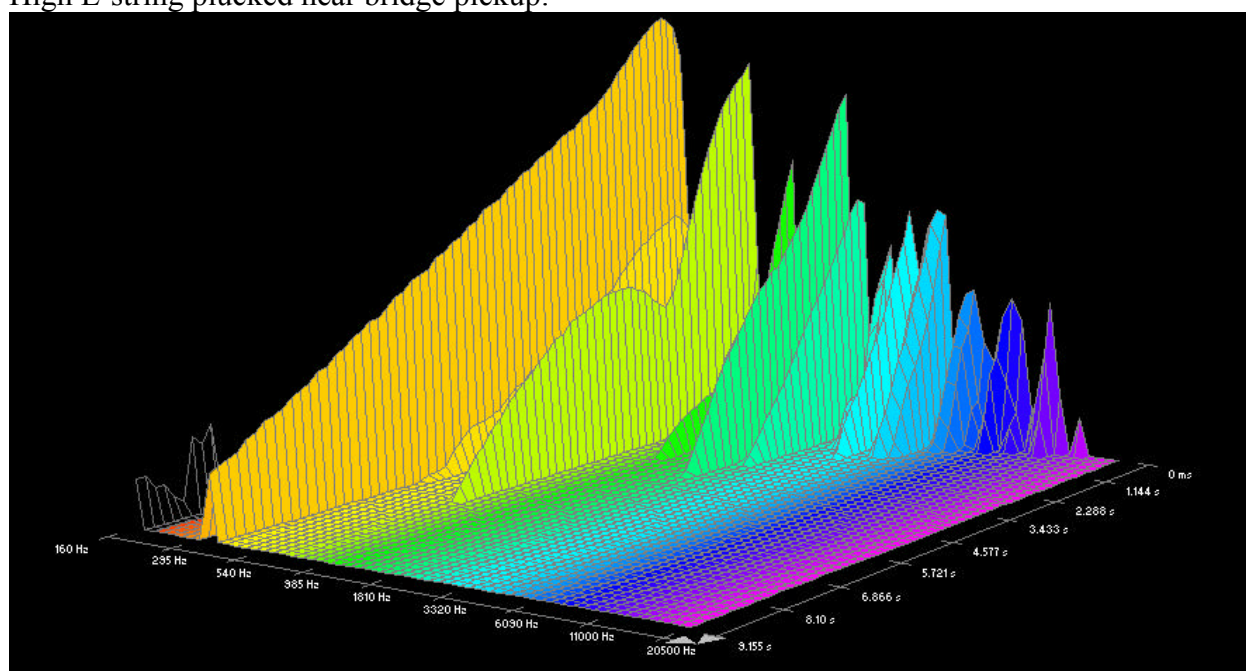


## Martin, 80/20 Bronze SP, 1.5 week old:

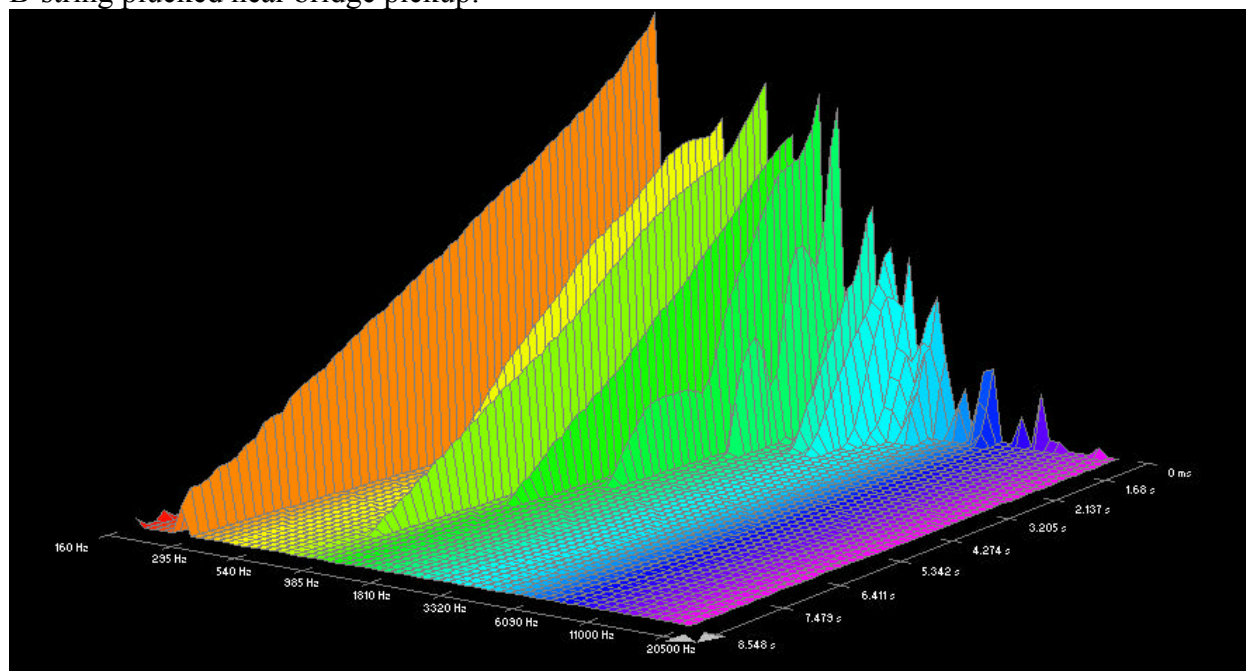
High E-string plucked near bridge pickup:



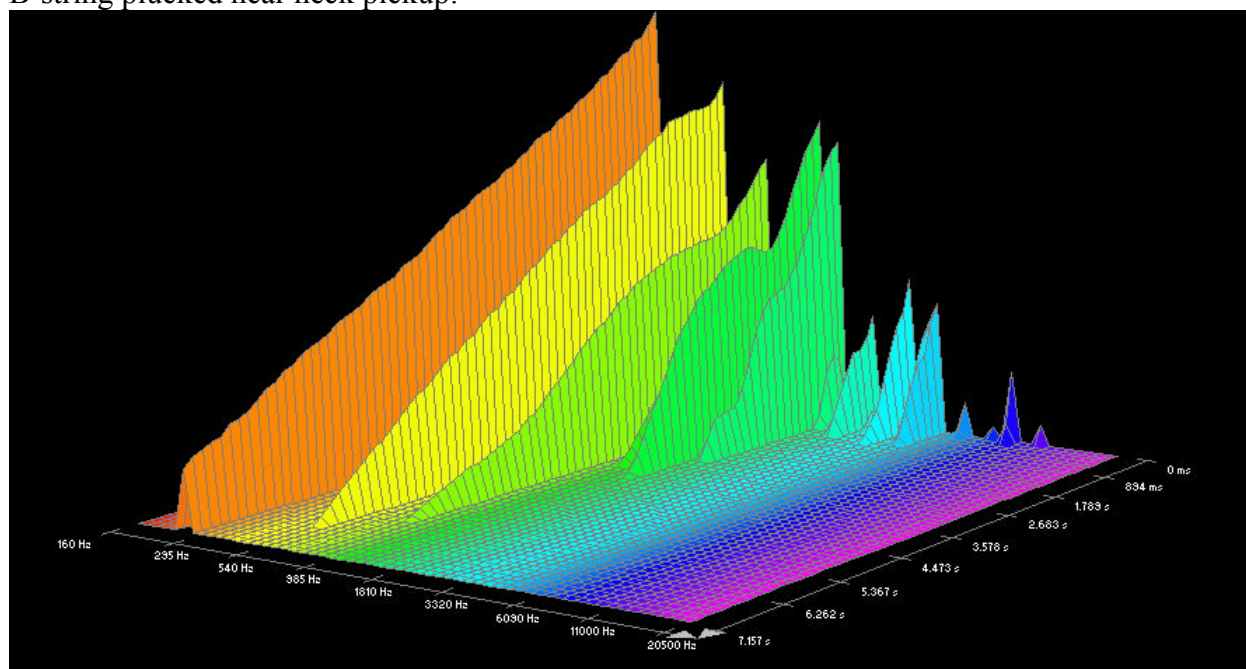
High E-string plucked near bridge pickup:



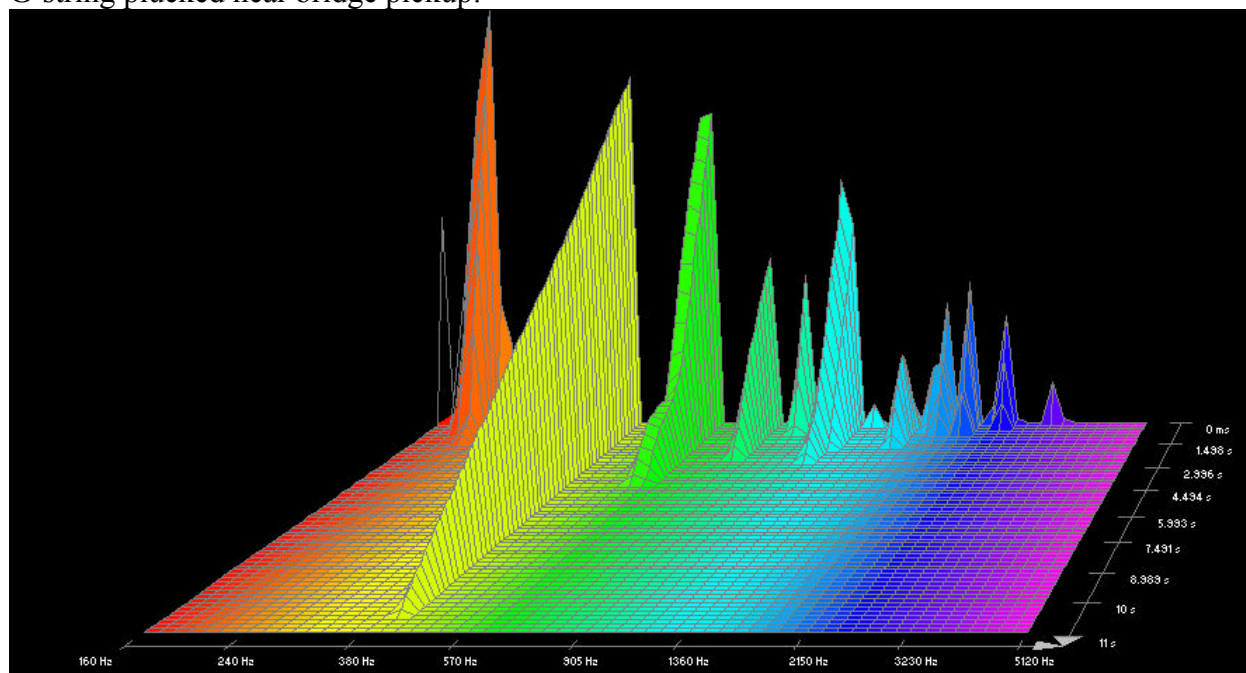
B-string plucked near bridge pickup:



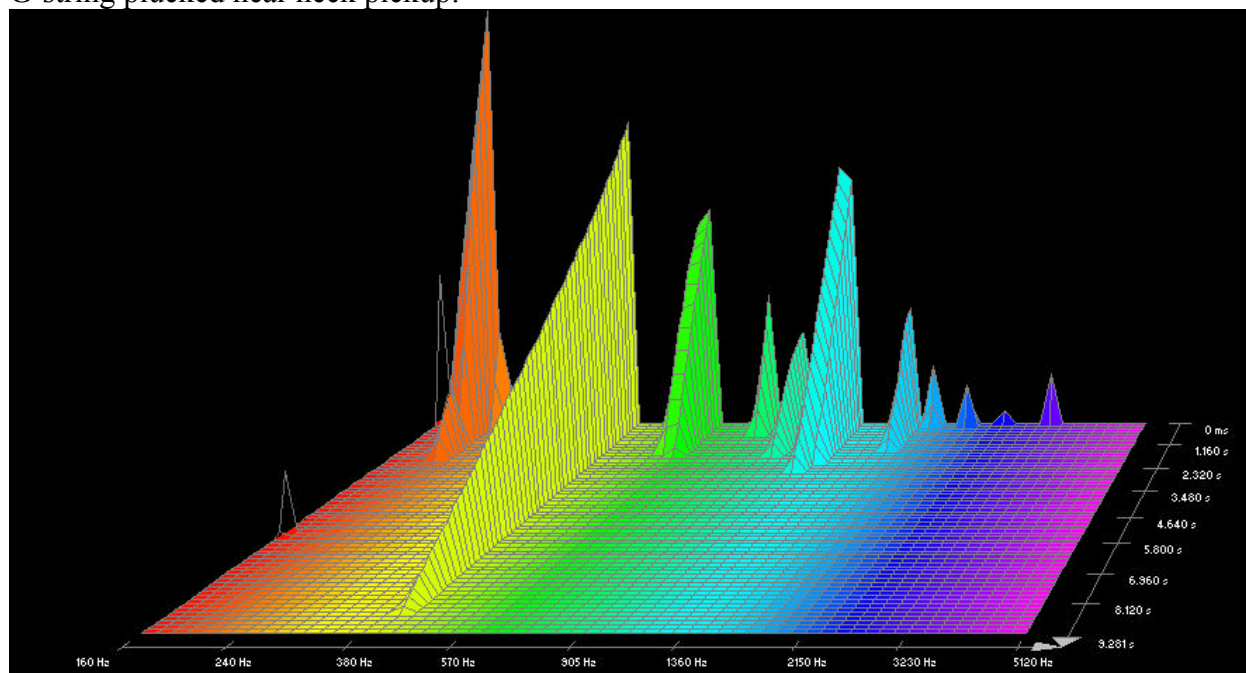
B-string plucked near neck pickup:



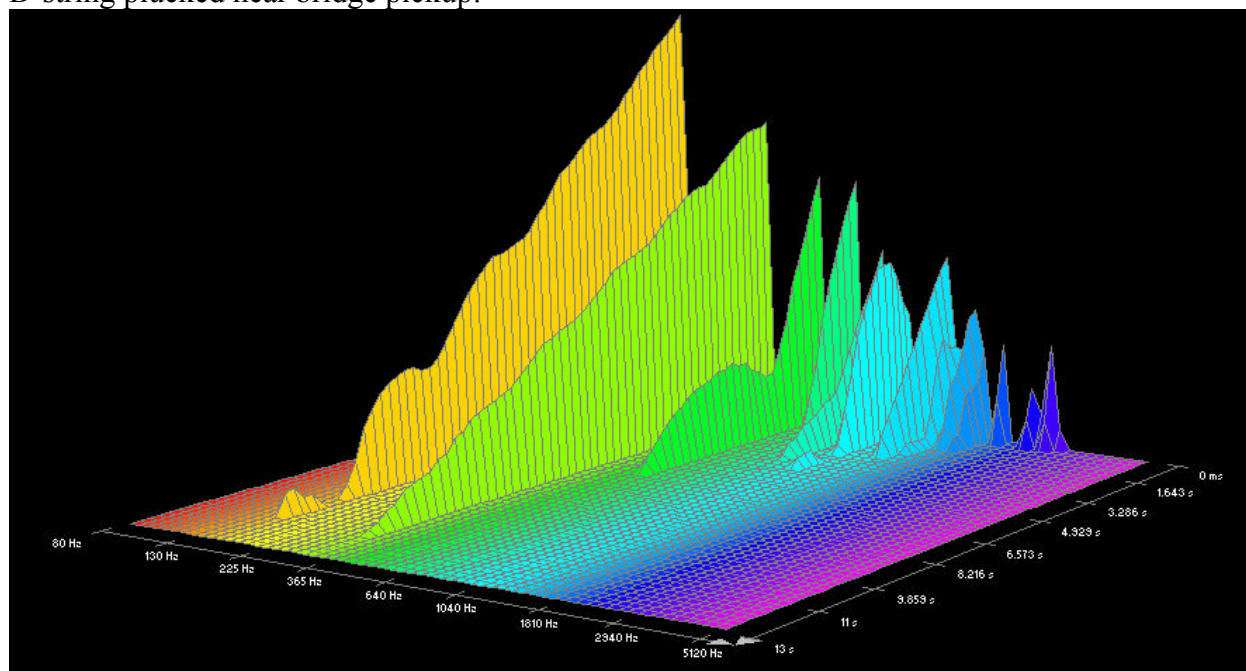
G-string plucked near bridge pickup:



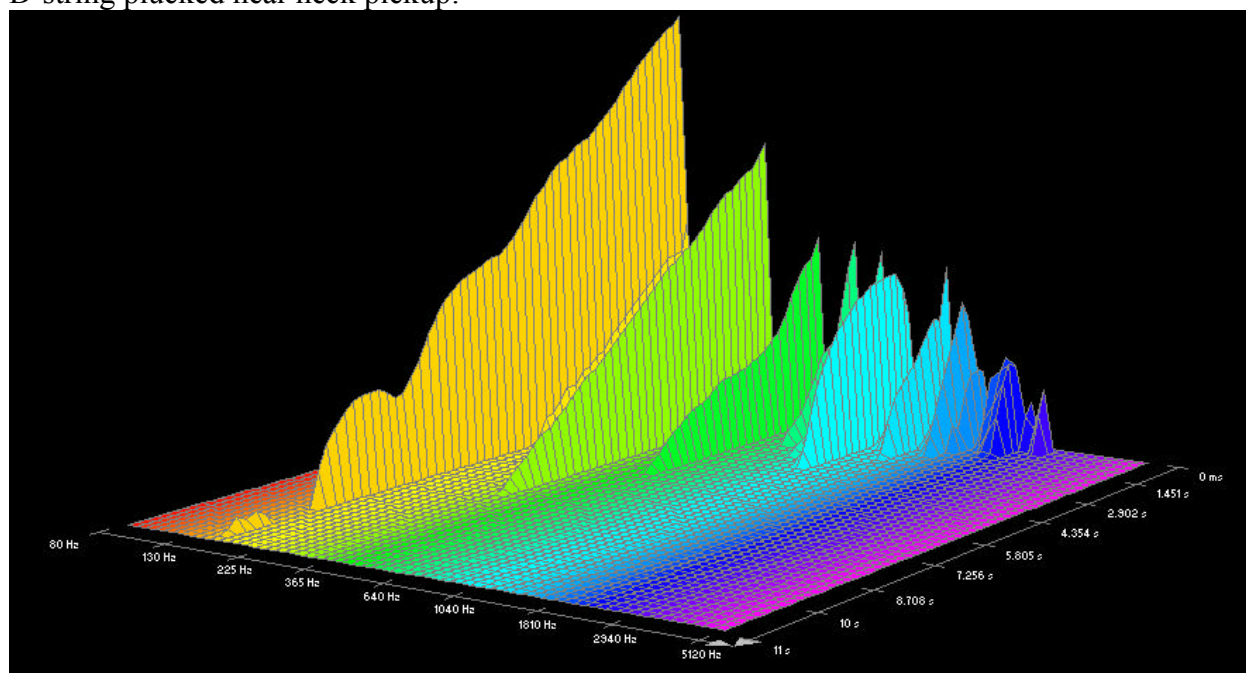
G-string plucked near neck pickup:



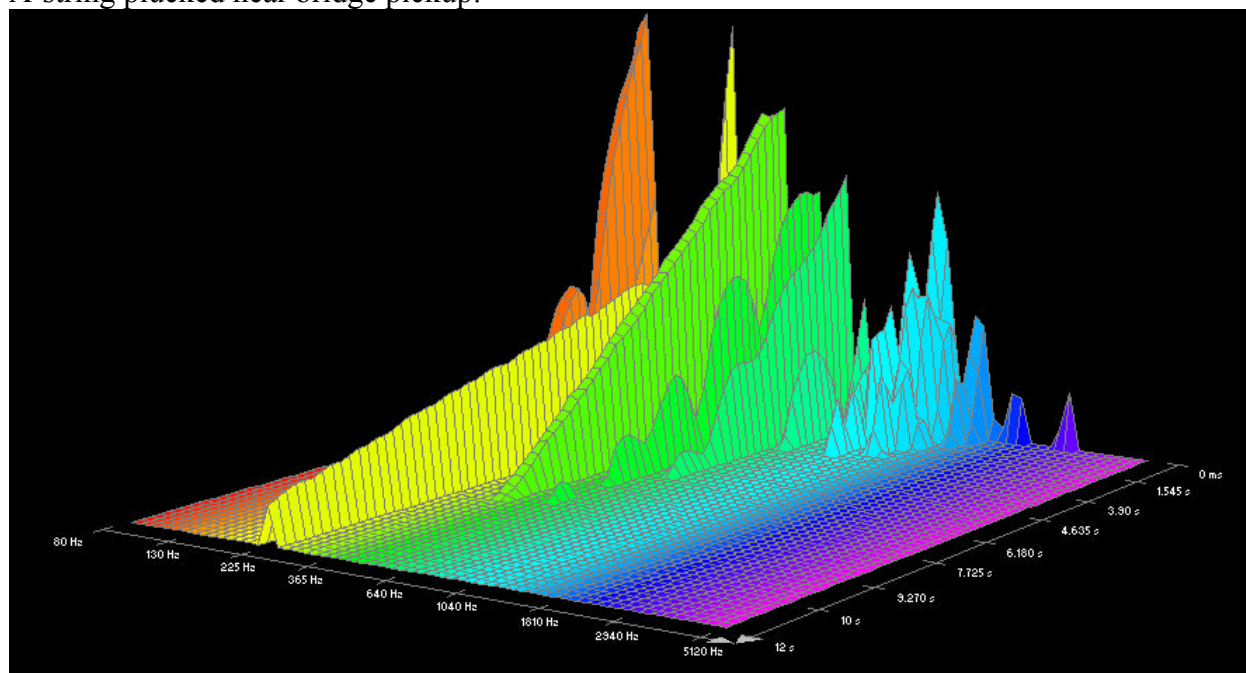
D-string plucked near bridge pickup:



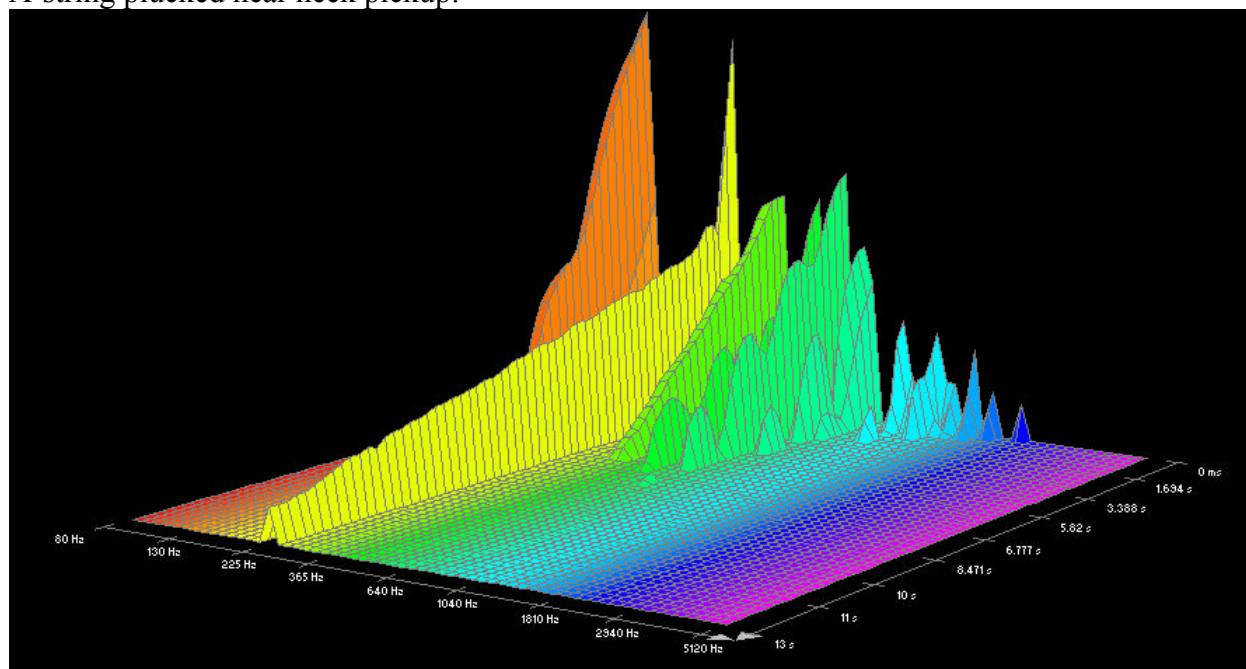
D-string plucked near neck pickup:



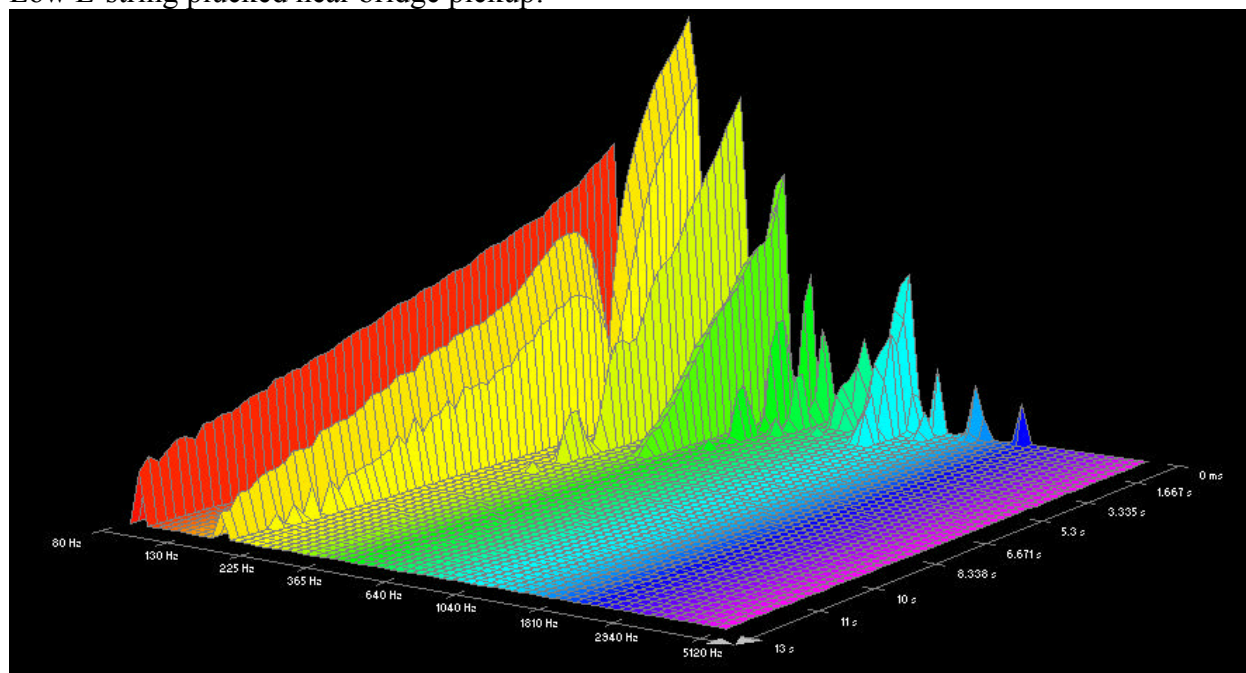
A-string plucked near bridge pickup:



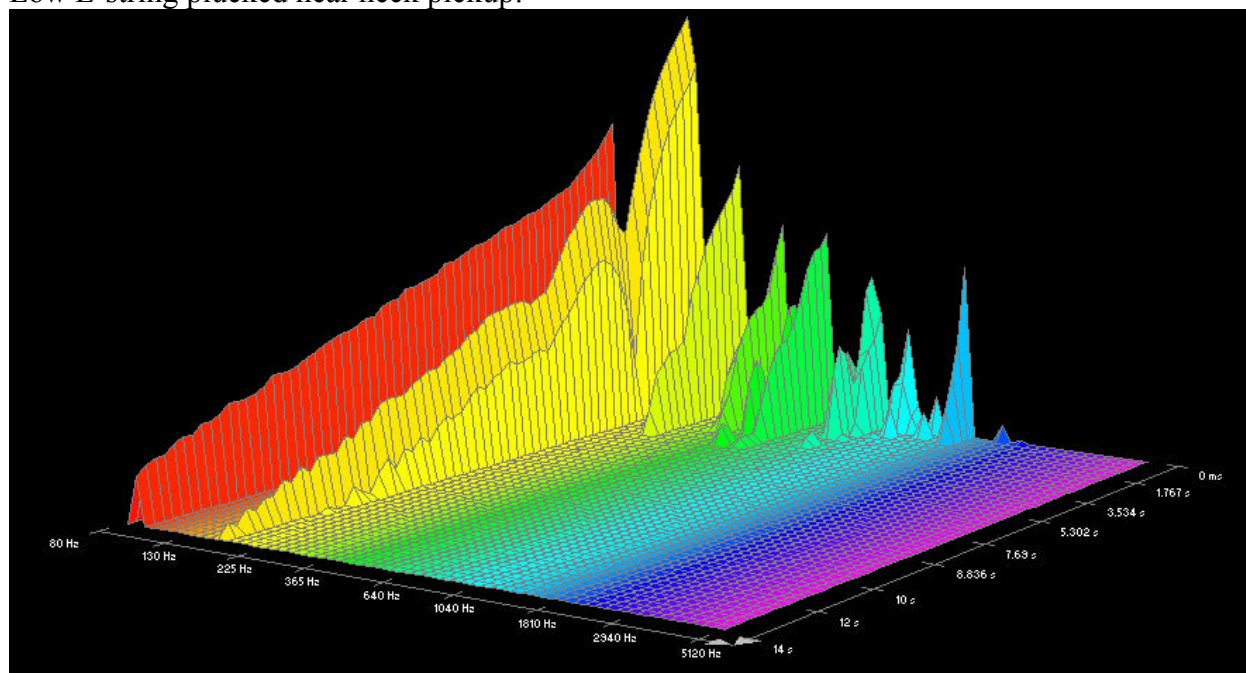
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:



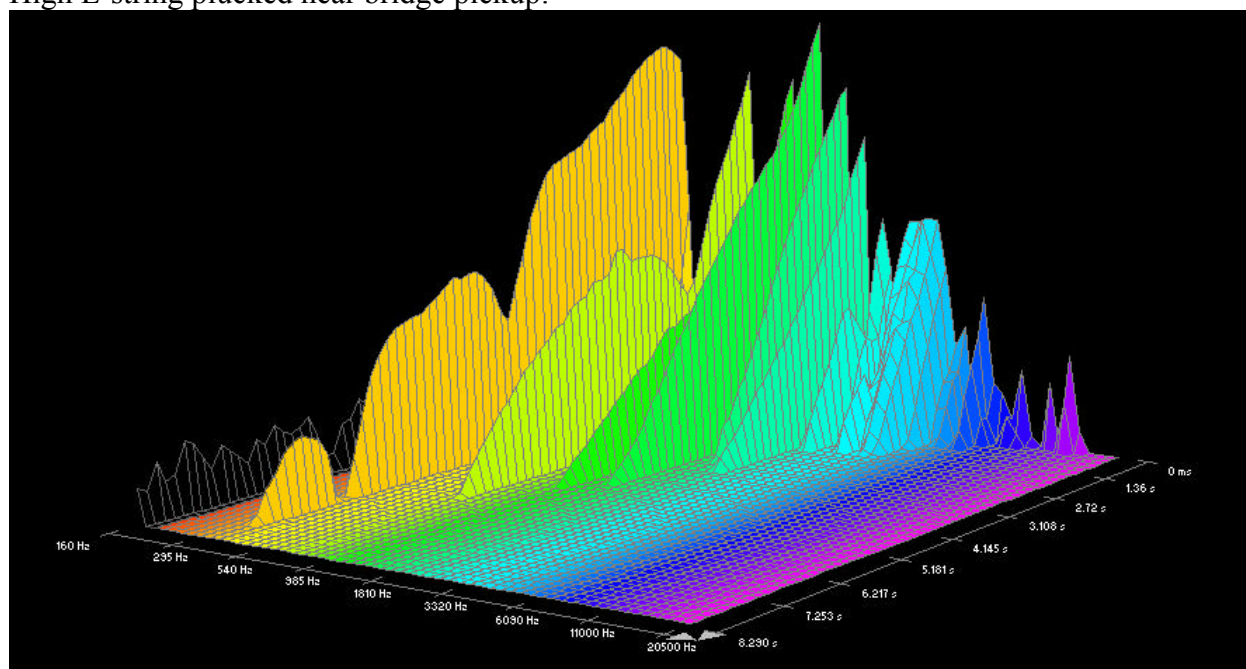
Low E-string plucked near neck pickup:



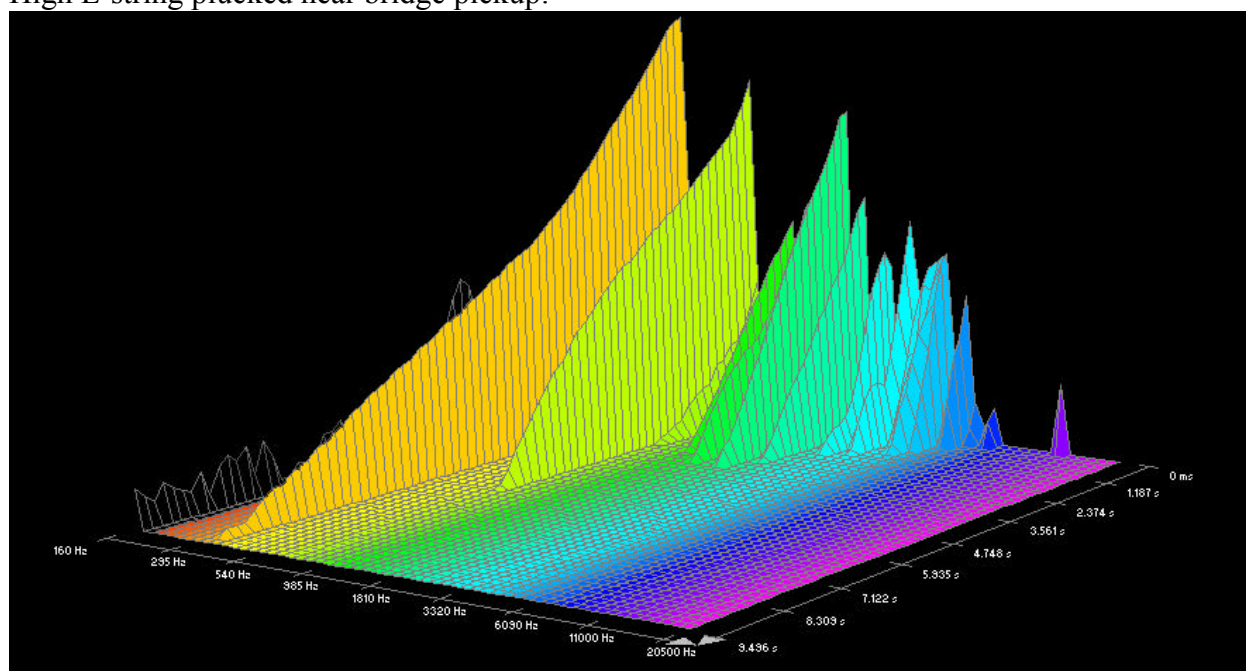


## Martin, 80/20 Bronze SP, New:

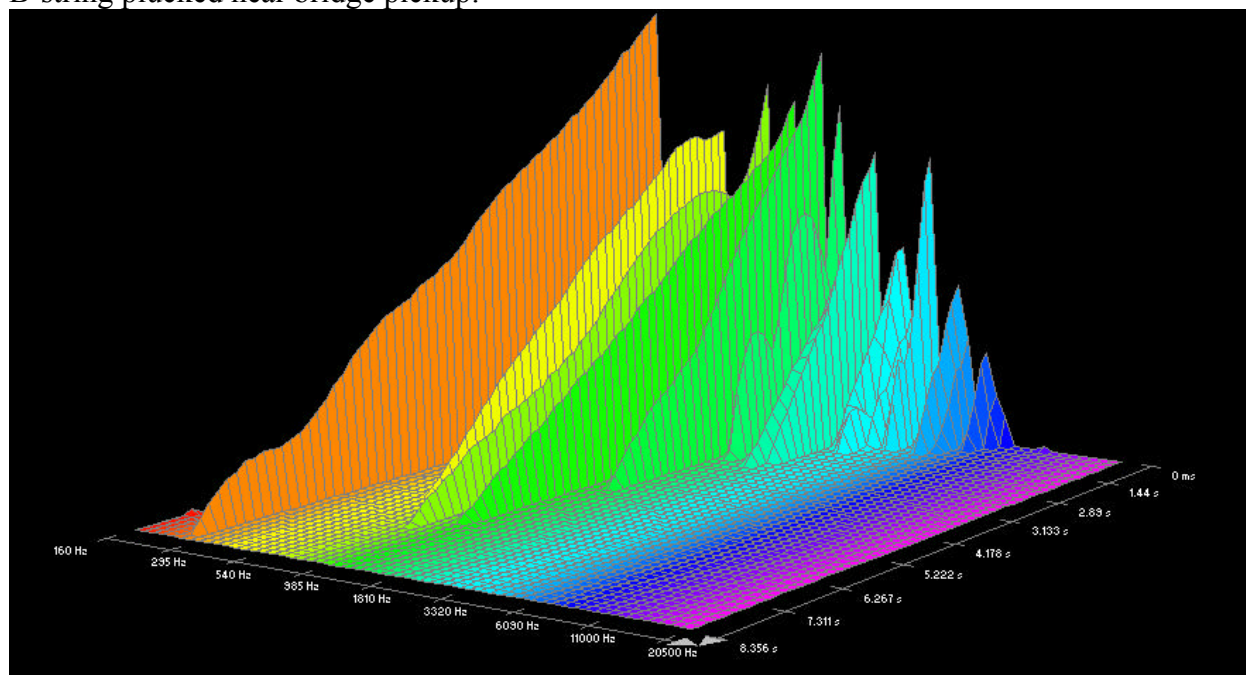
High E-string plucked near bridge pickup:



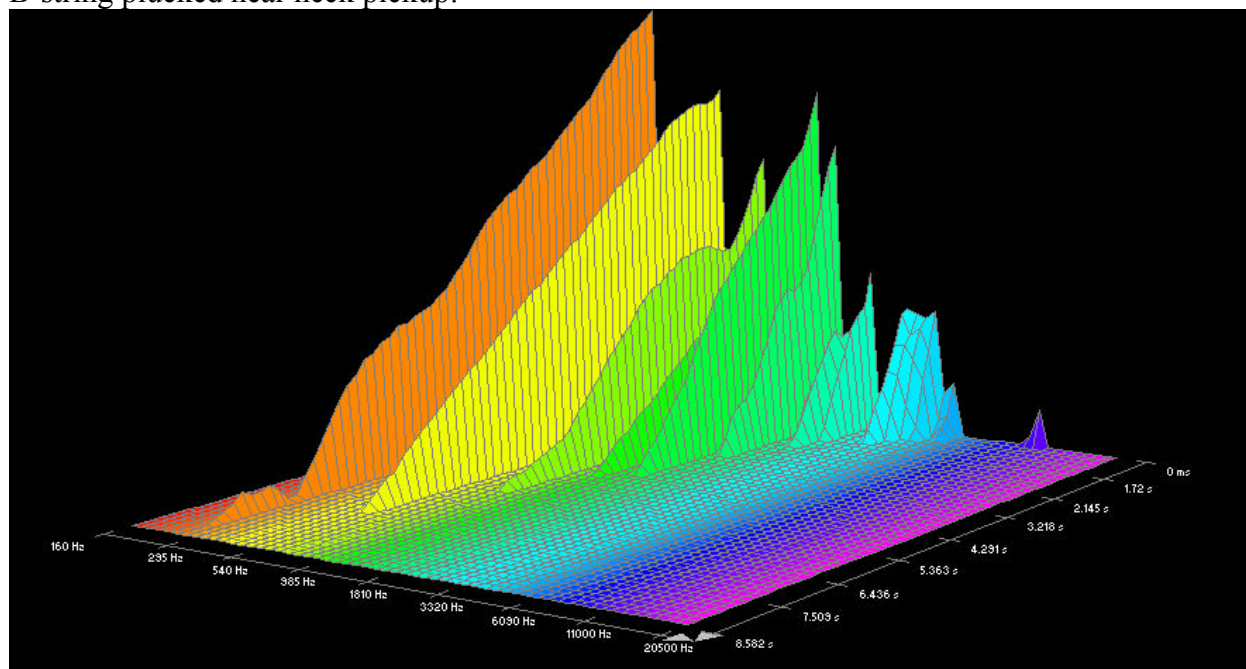
High E-string plucked near bridge pickup:



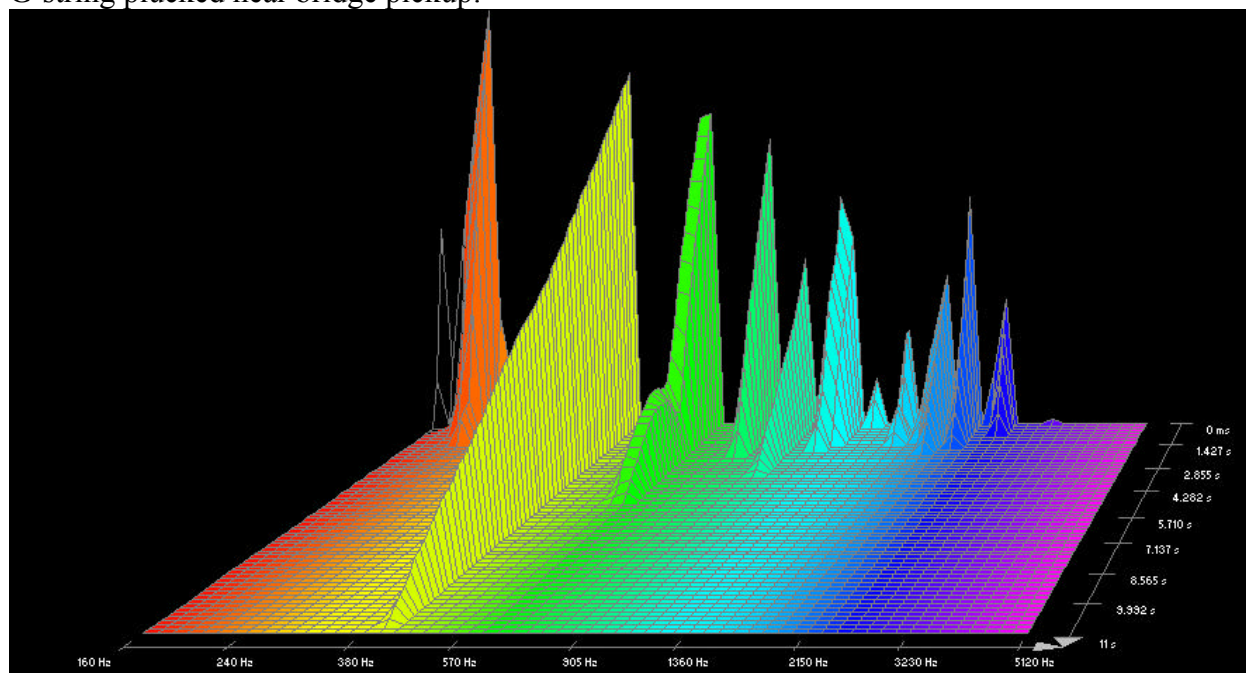
B-string plucked near bridge pickup:



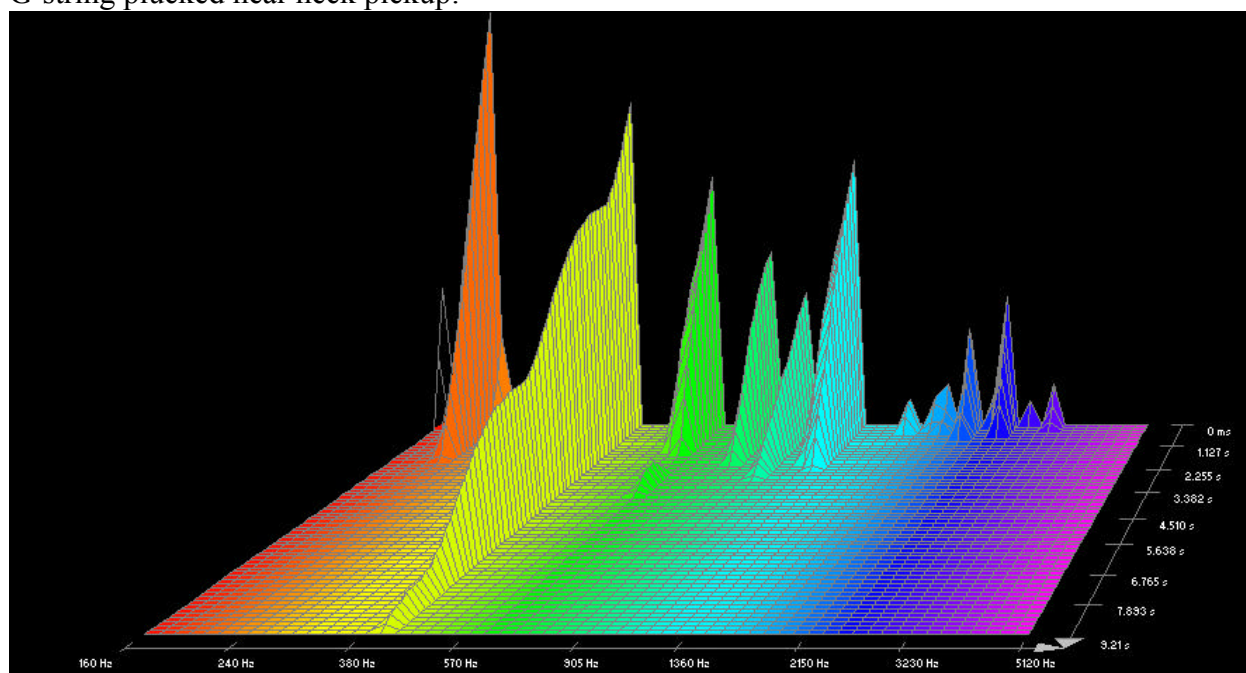
B-string plucked near neck pickup:



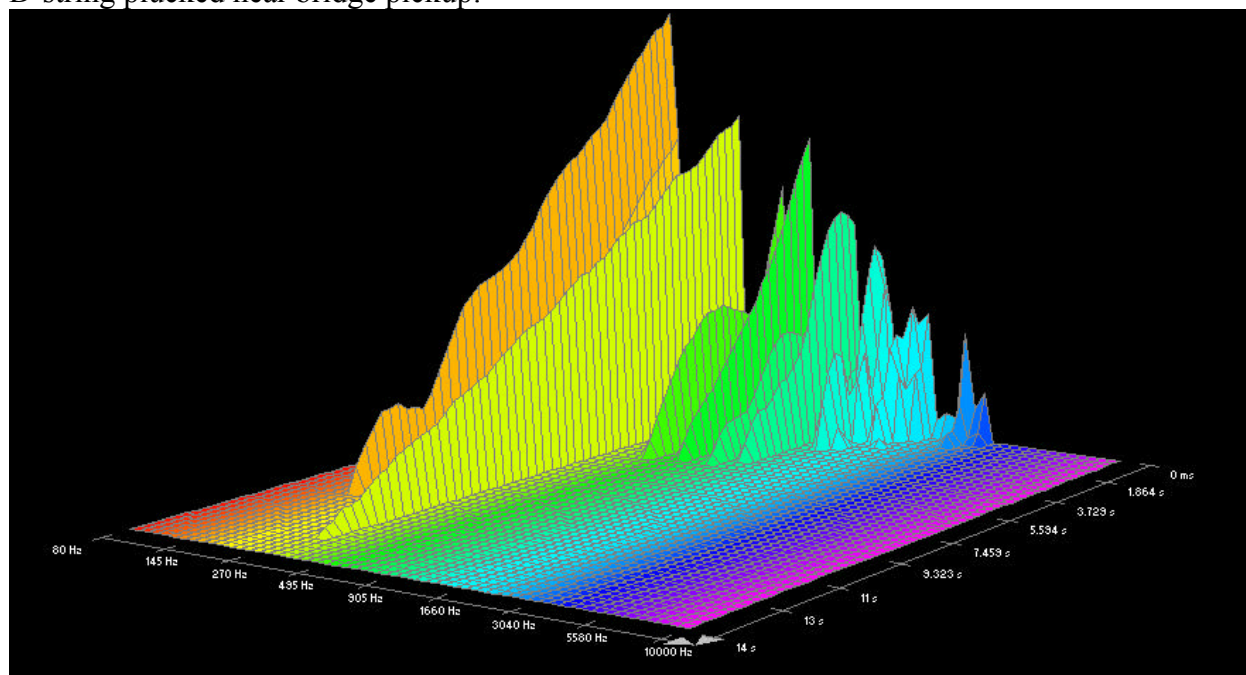
G-string plucked near bridge pickup:



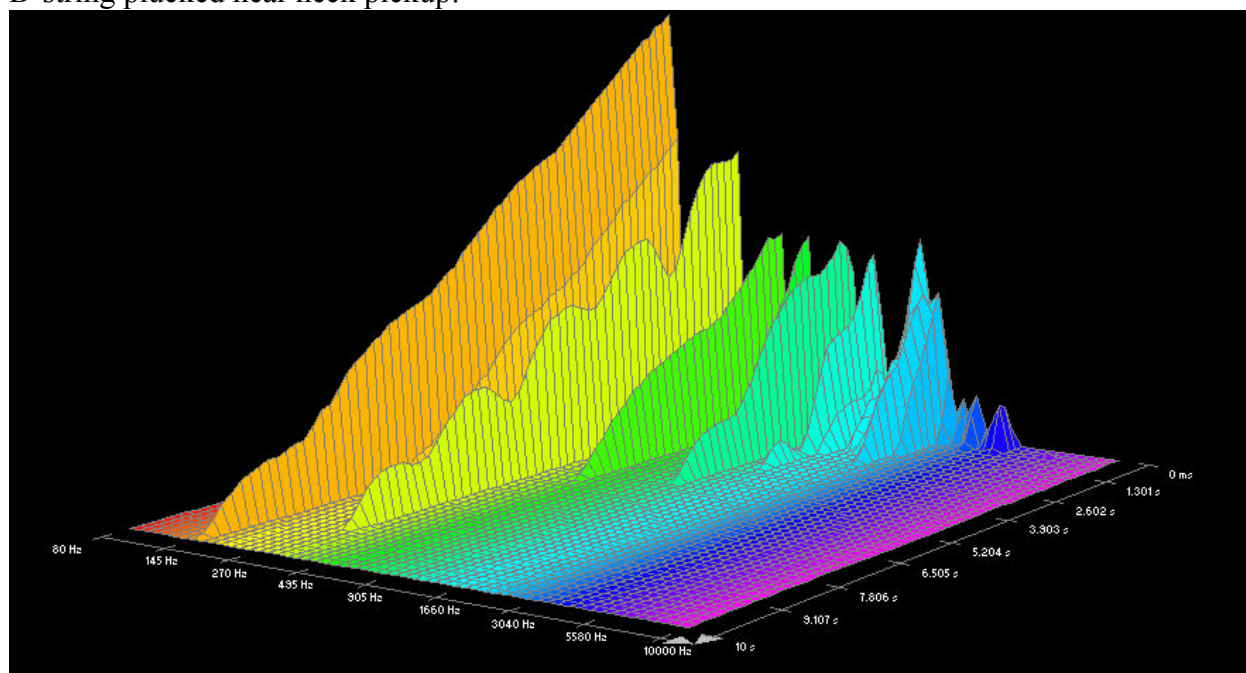
G-string plucked near neck pickup:



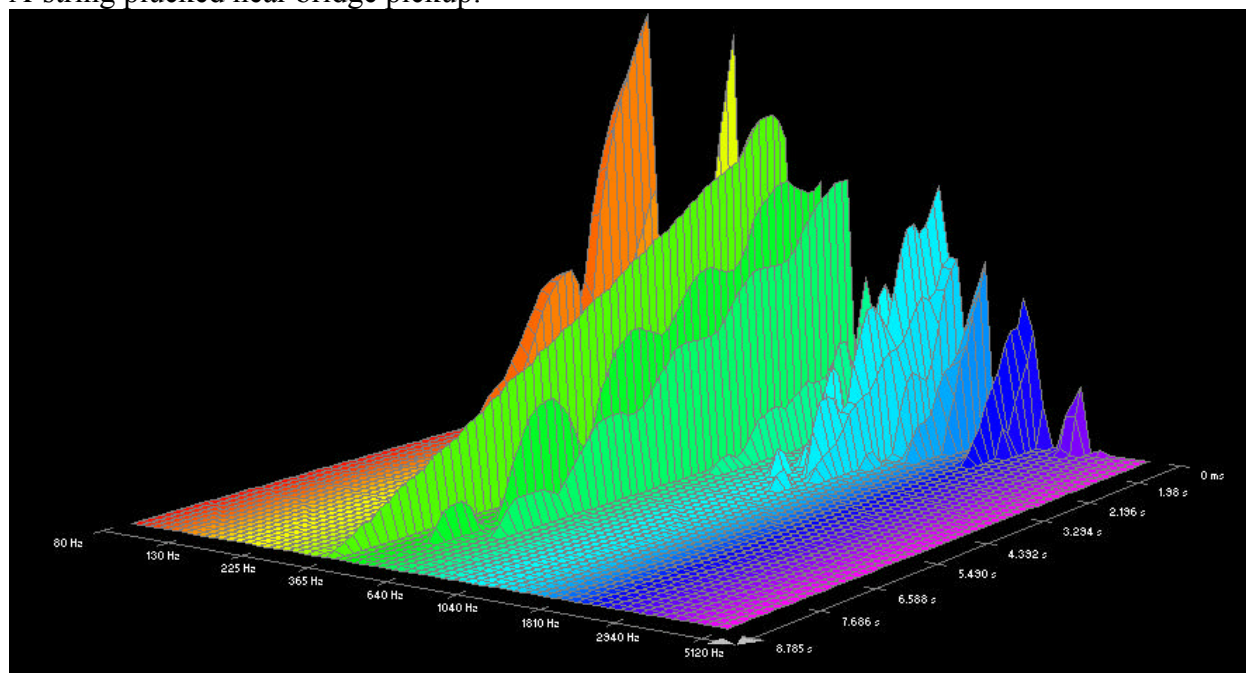
D-string plucked near bridge pickup:



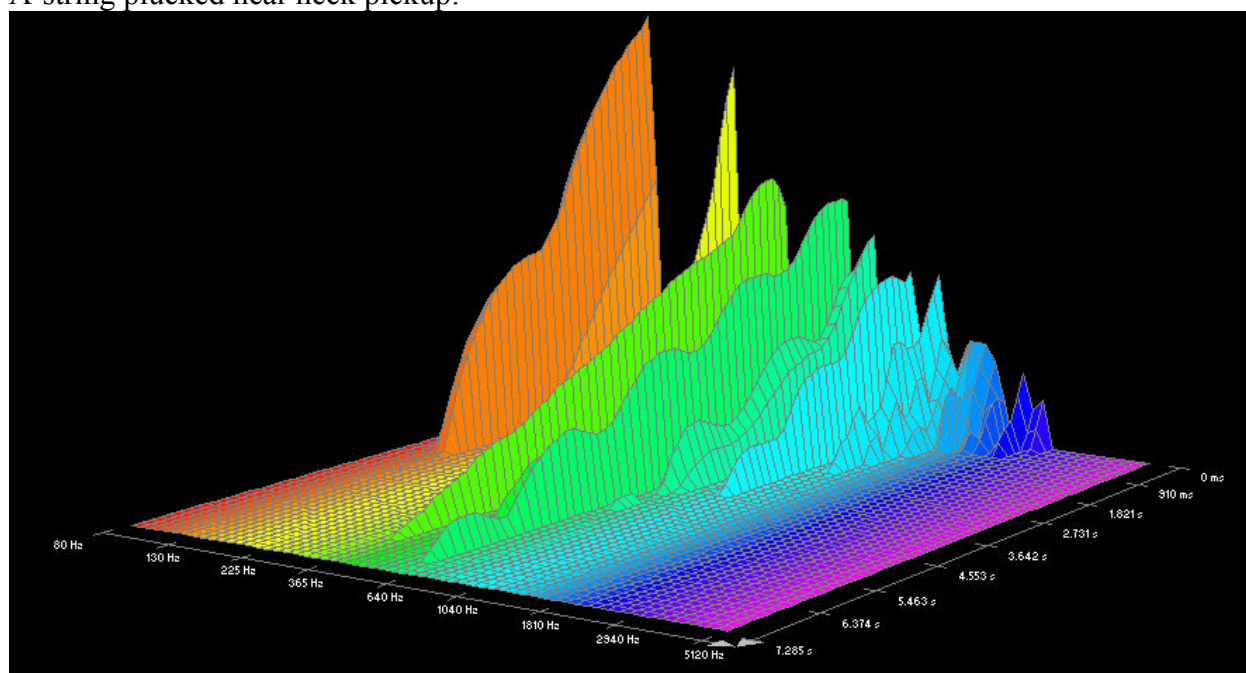
D-string plucked near neck pickup:



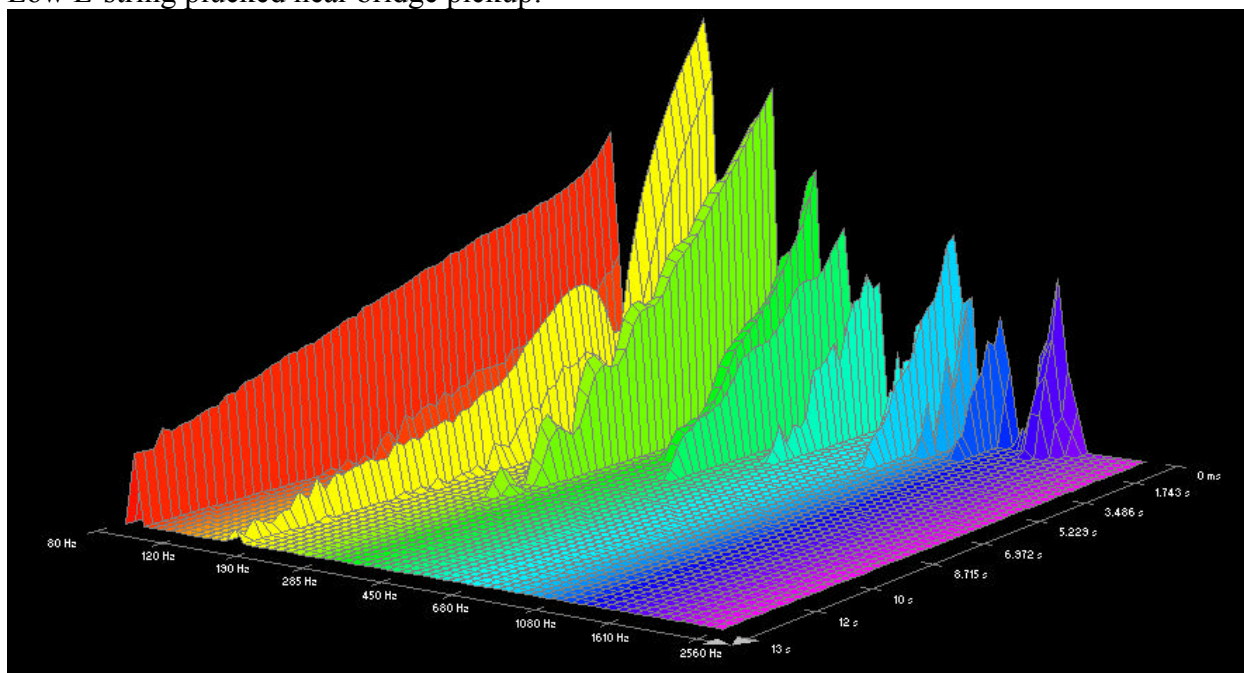
A-string plucked near bridge pickup:



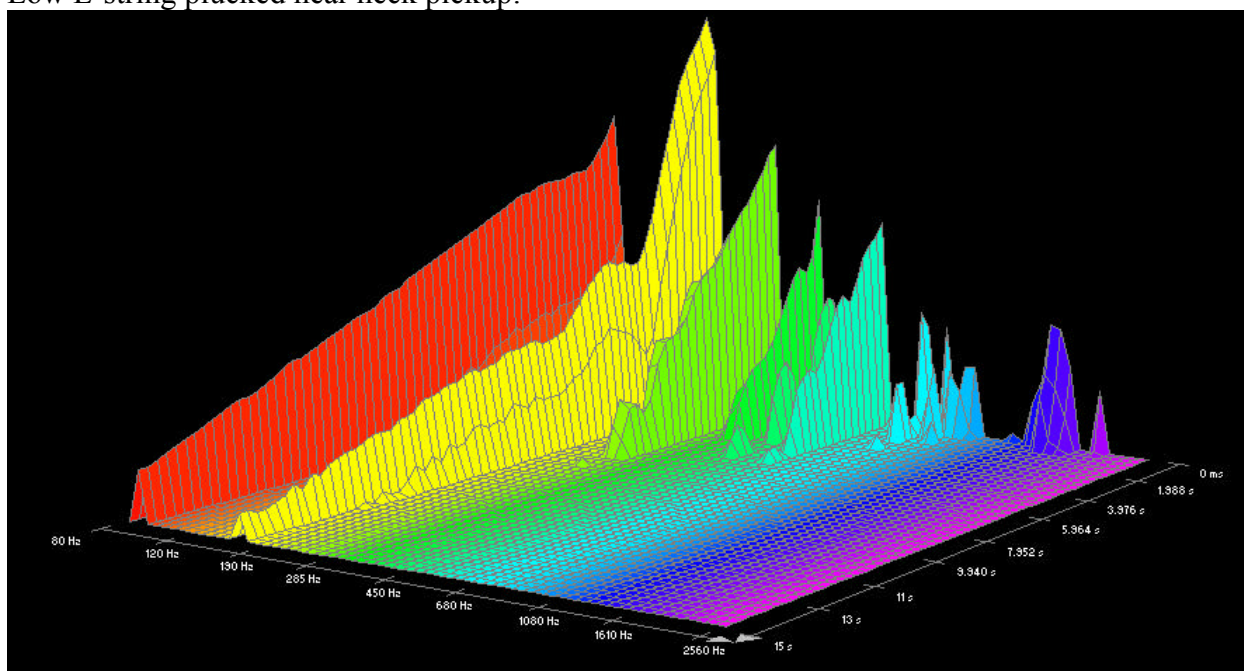
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

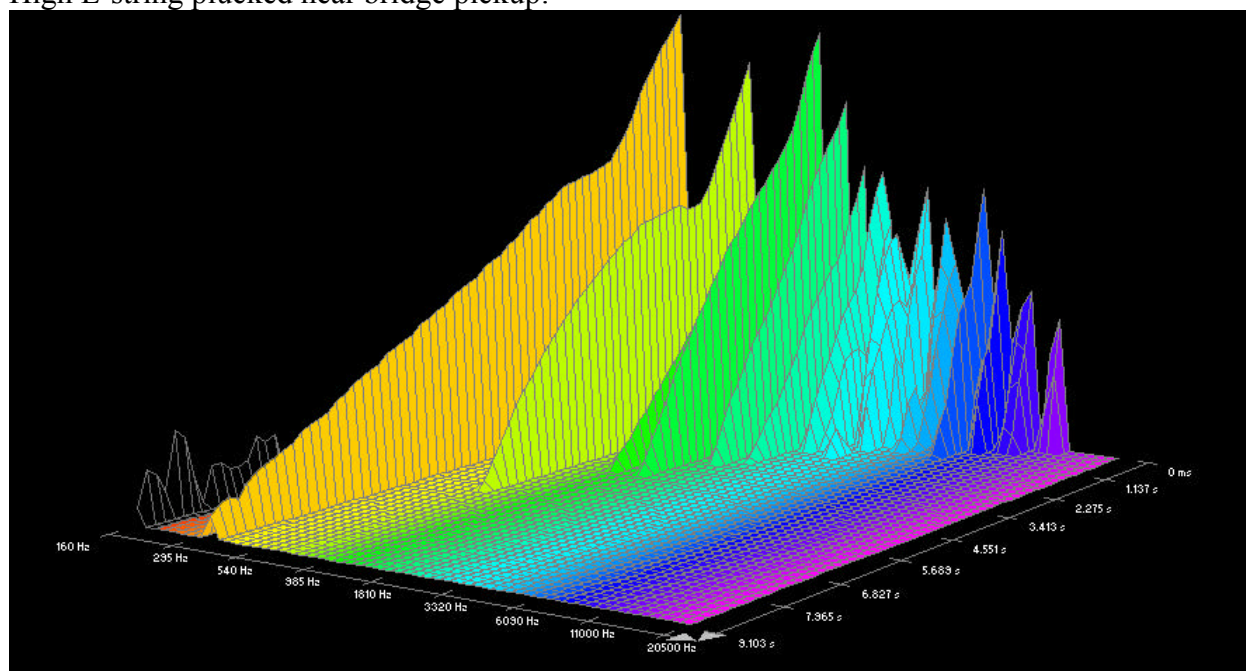


Low E-string plucked near neck pickup:

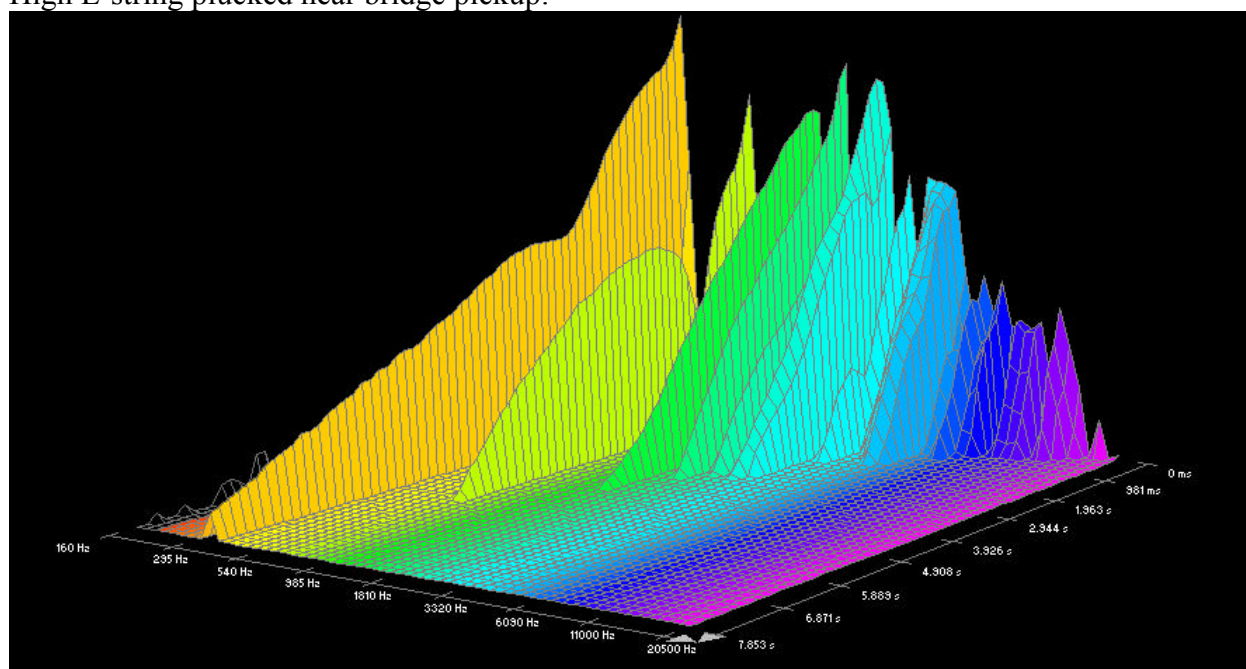


## Martin, Cryogenic Bronze Wound:

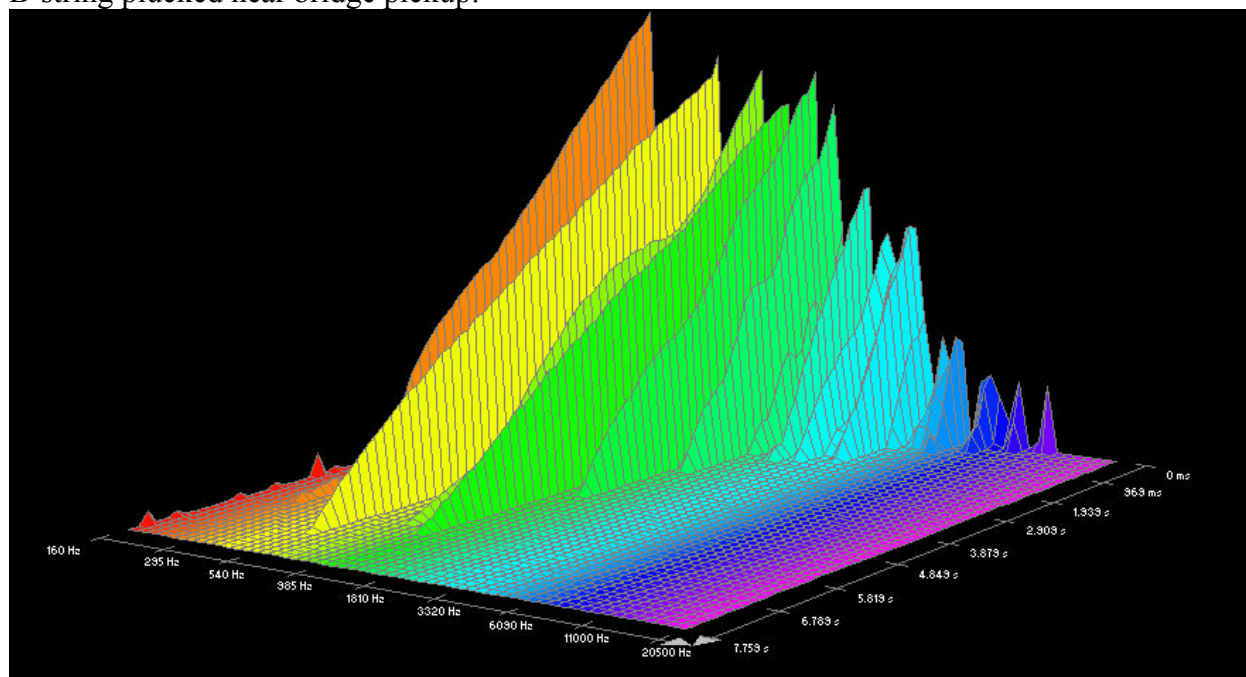
High E-string plucked near bridge pickup:



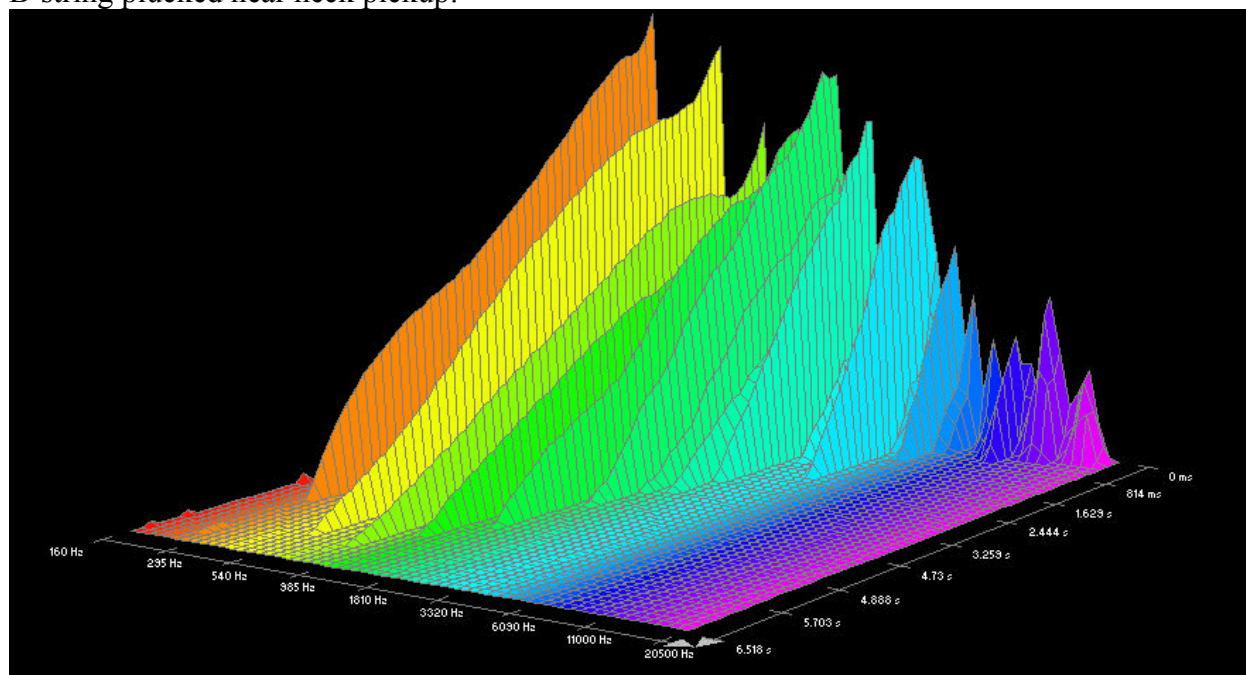
High E-string plucked near bridge pickup:



B-string plucked near bridge pickup:

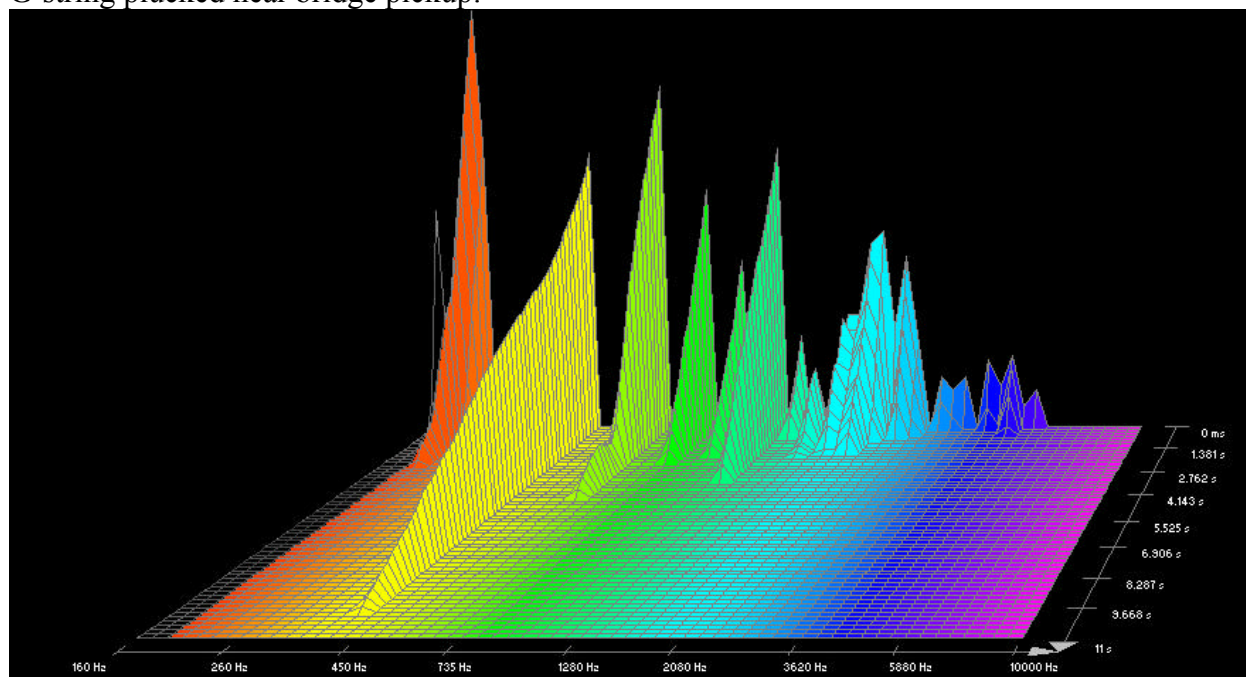


B-string plucked near neck pickup:

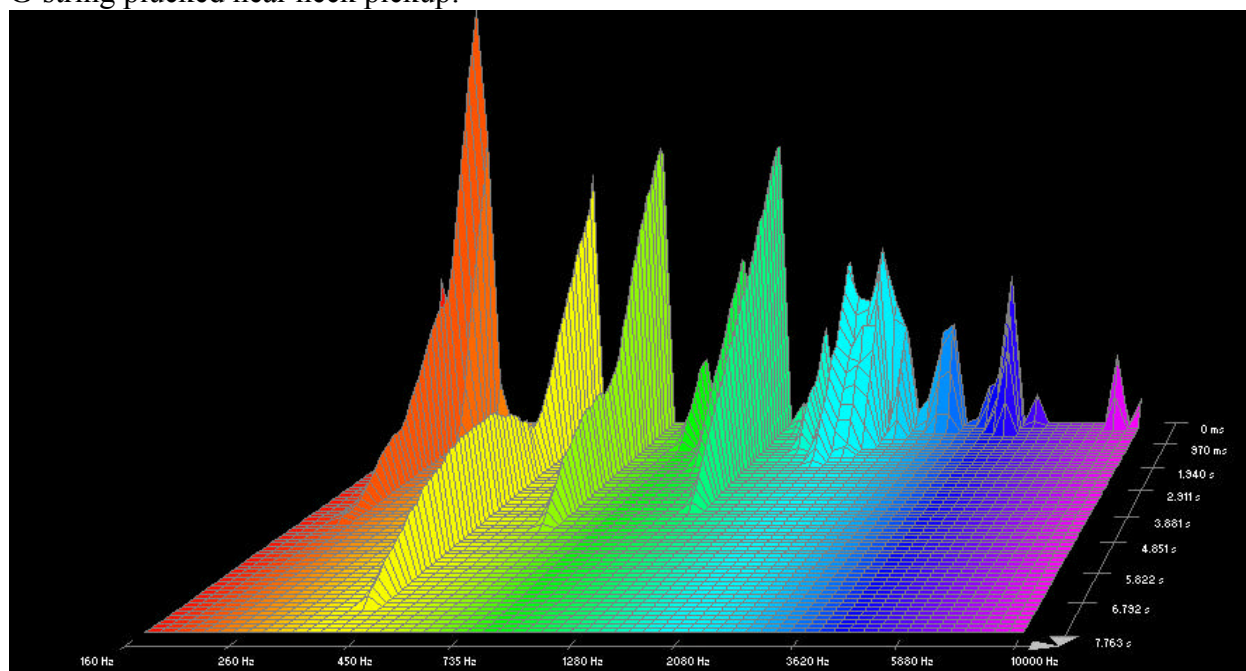




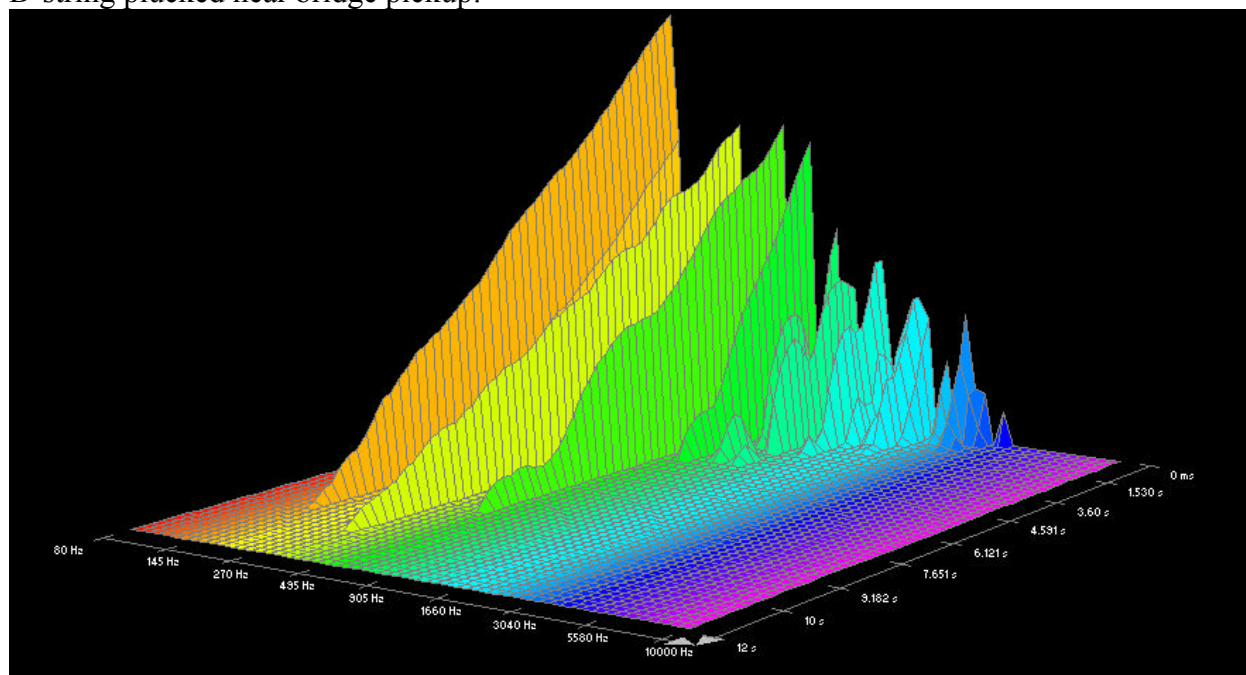
G-string plucked near bridge pickup:



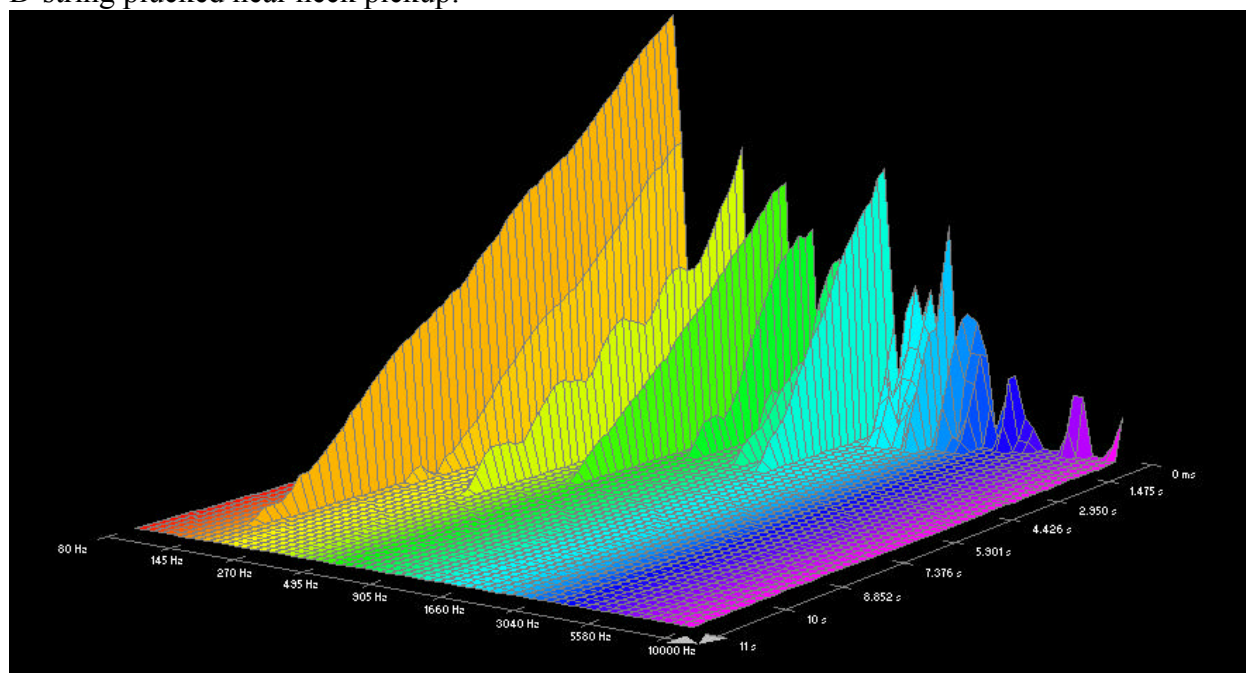
G-string plucked near neck pickup:



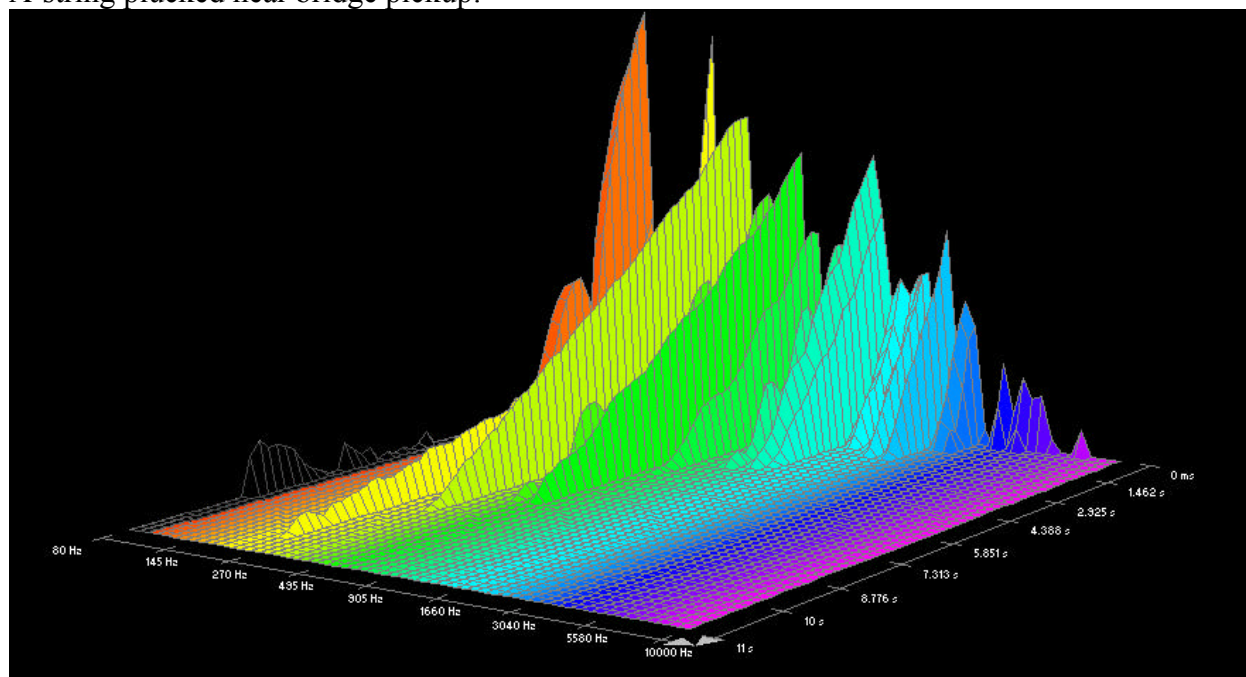
D-string plucked near bridge pickup:



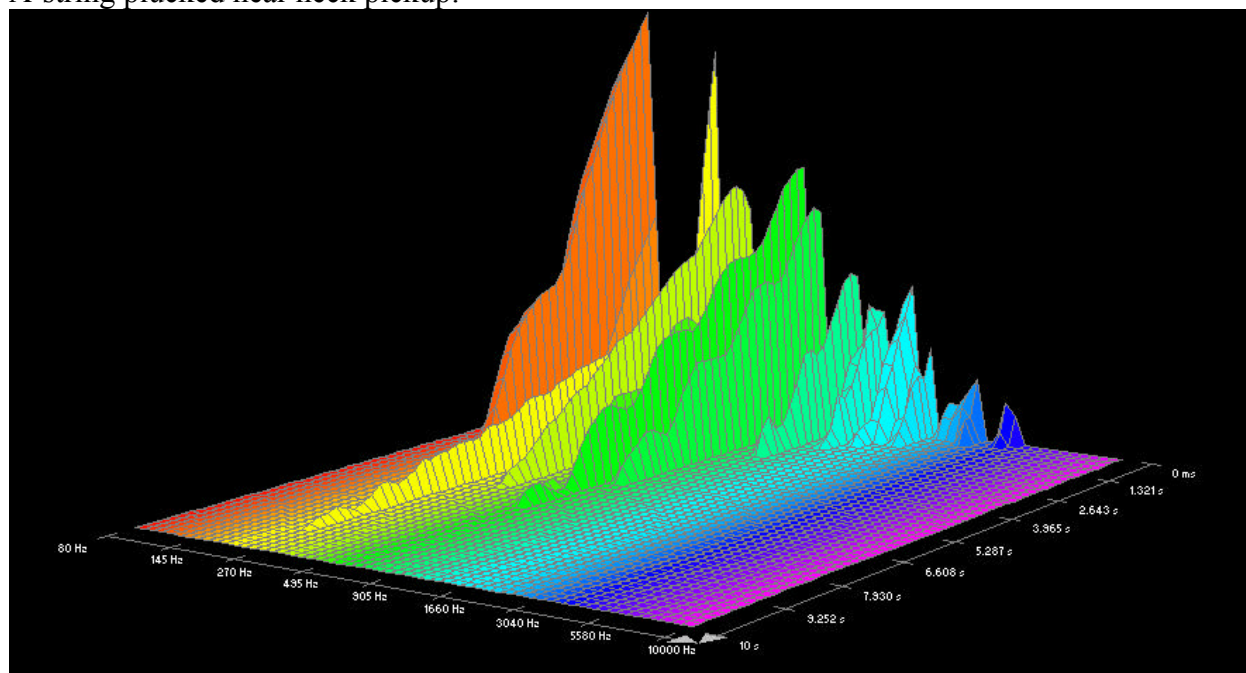
D-string plucked near neck pickup:



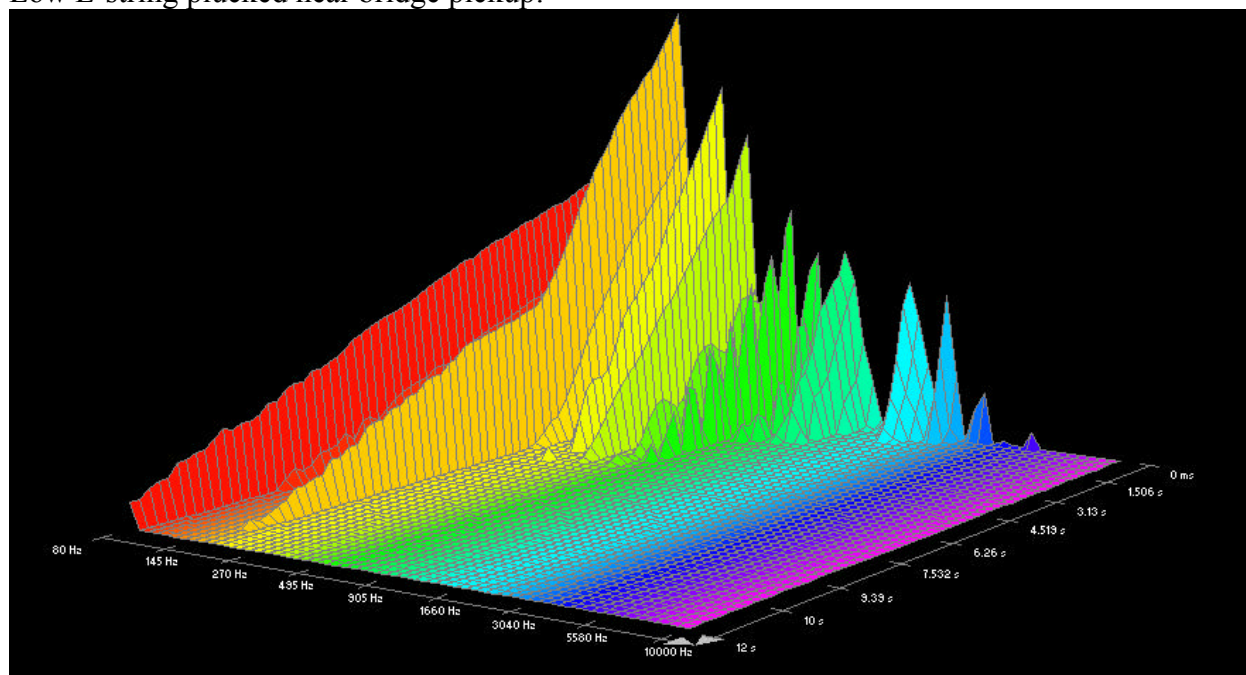
A-string plucked near bridge pickup:



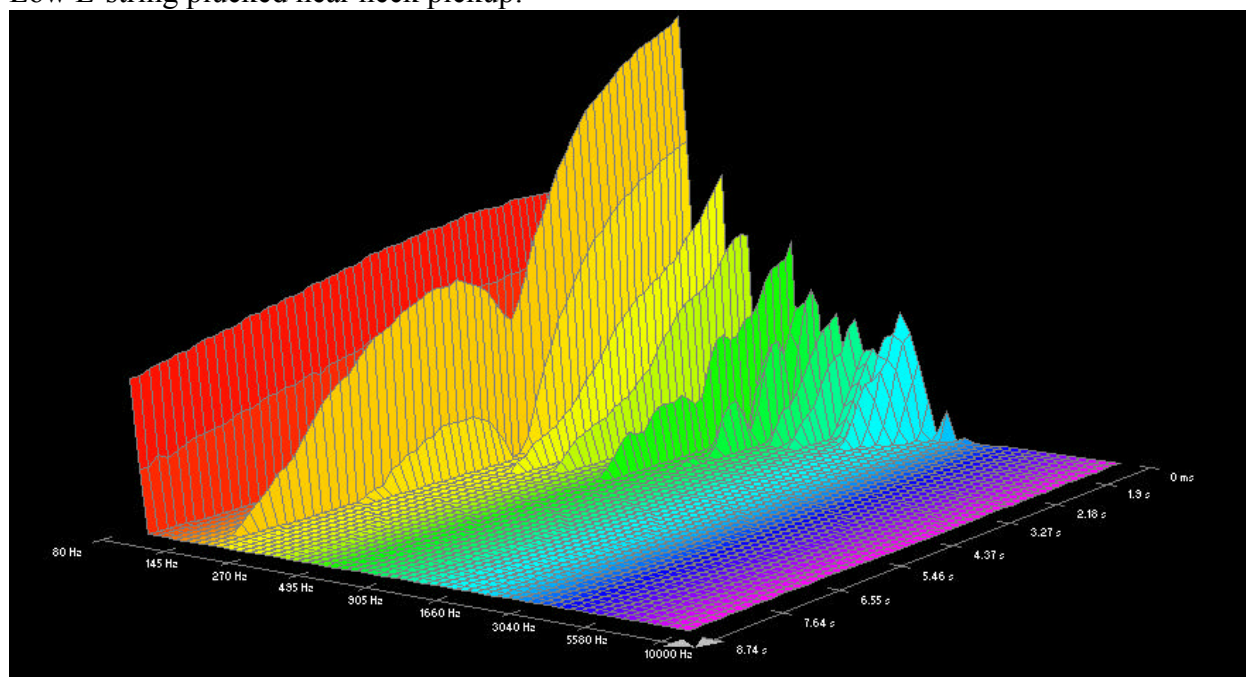
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

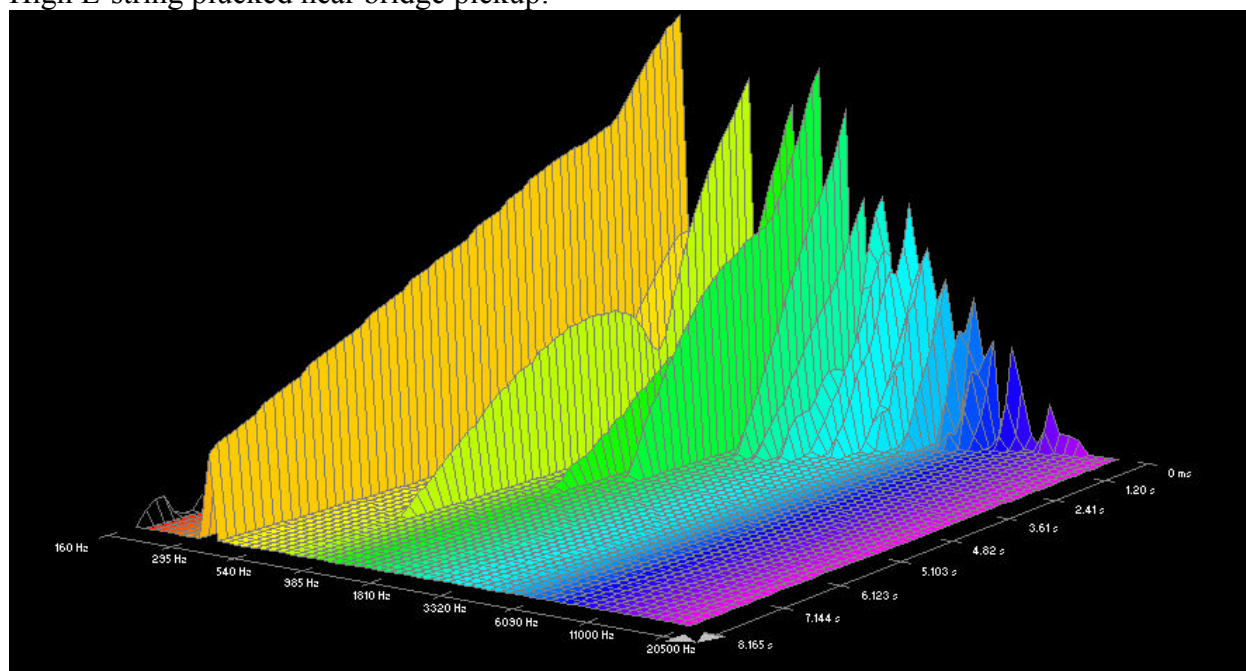


Low E-string plucked near neck pickup:

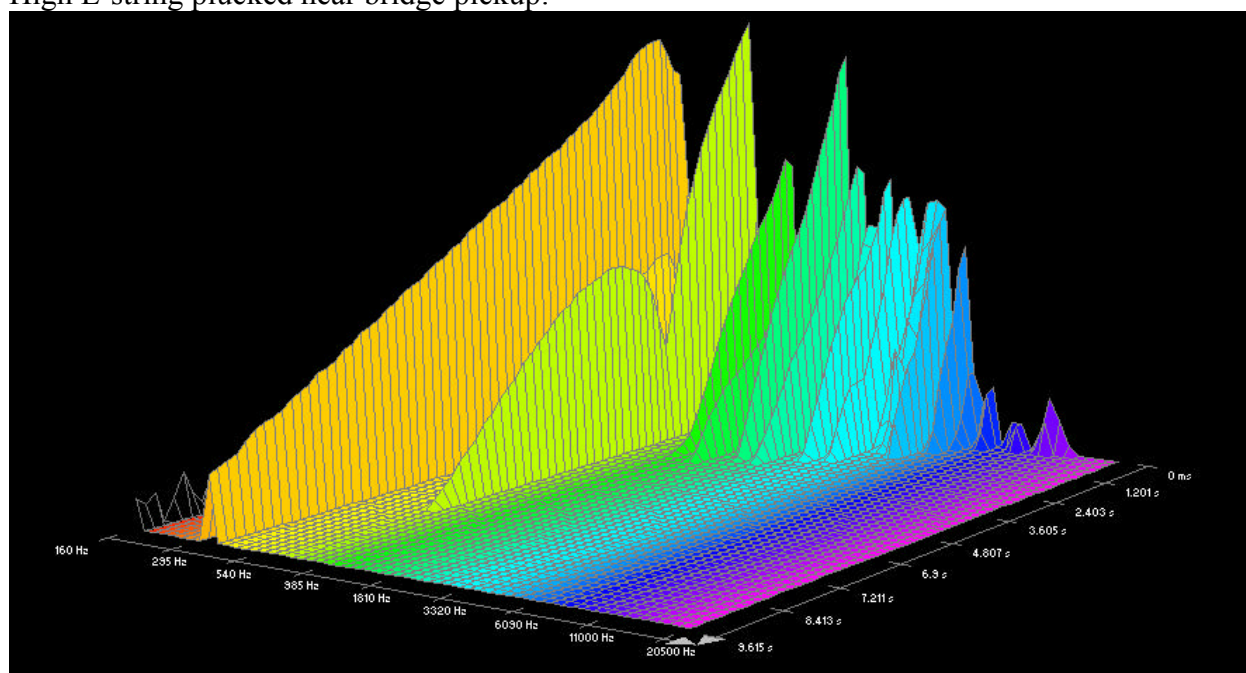


## Martin, Marquis 80/20 Bronze:

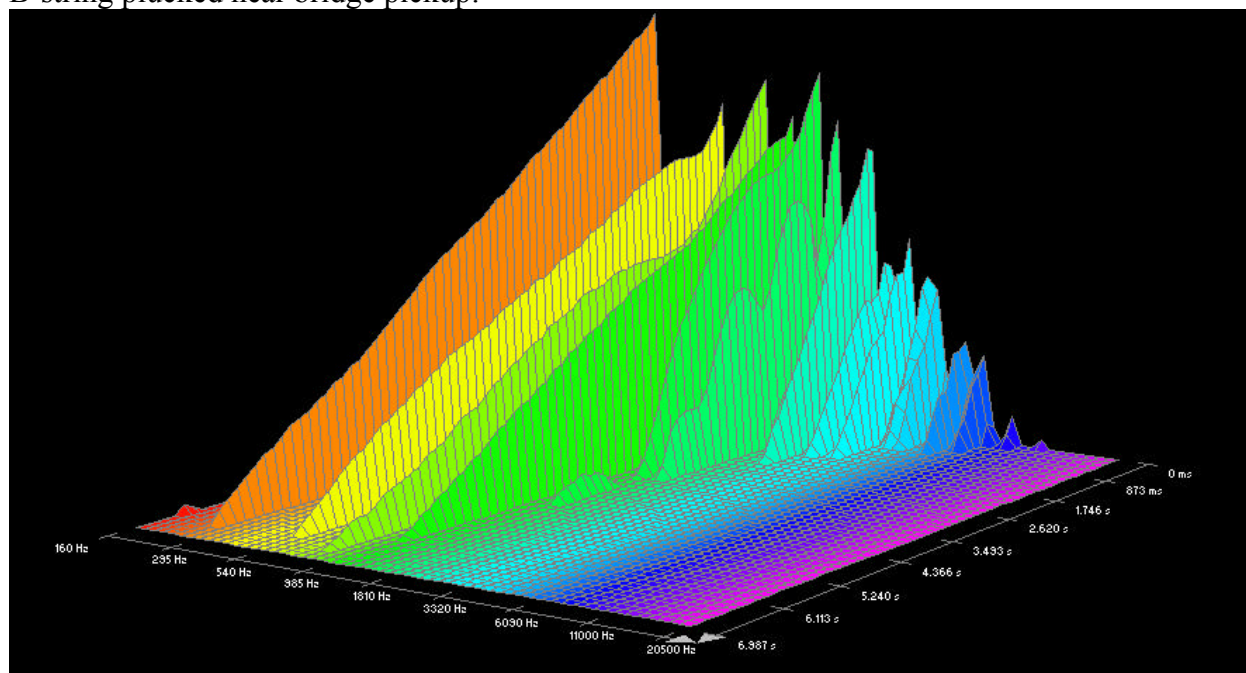
High E-string plucked near bridge pickup:



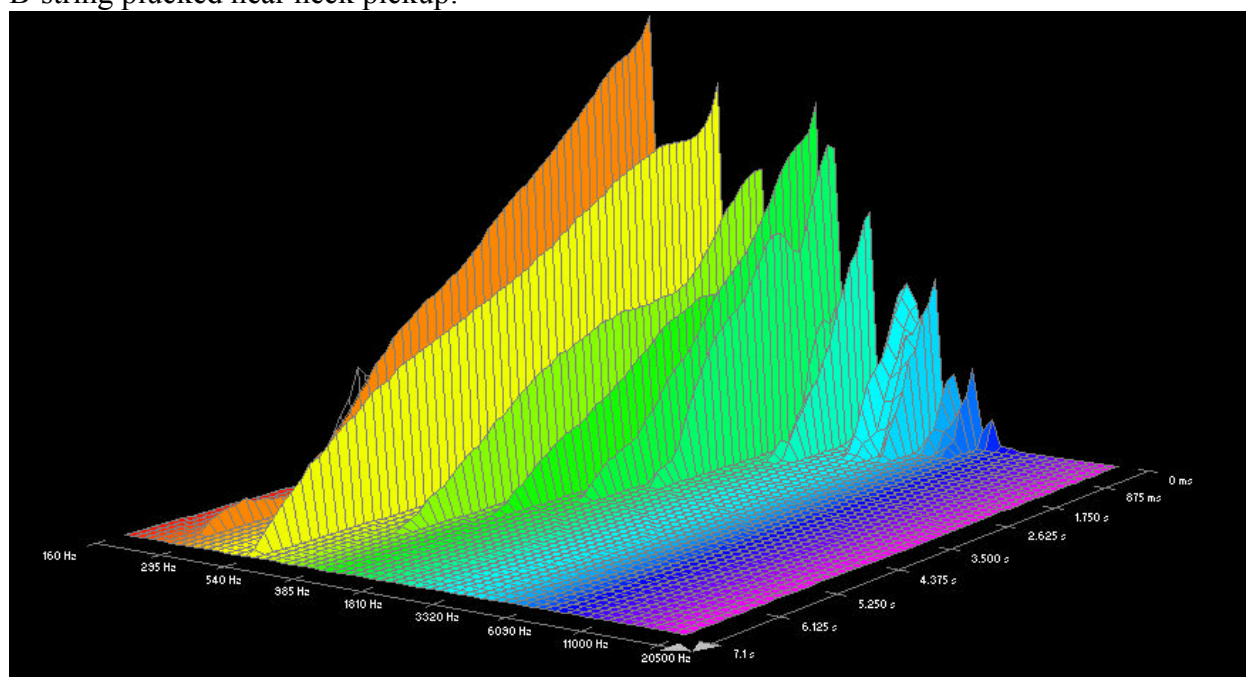
High E-string plucked near bridge pickup:



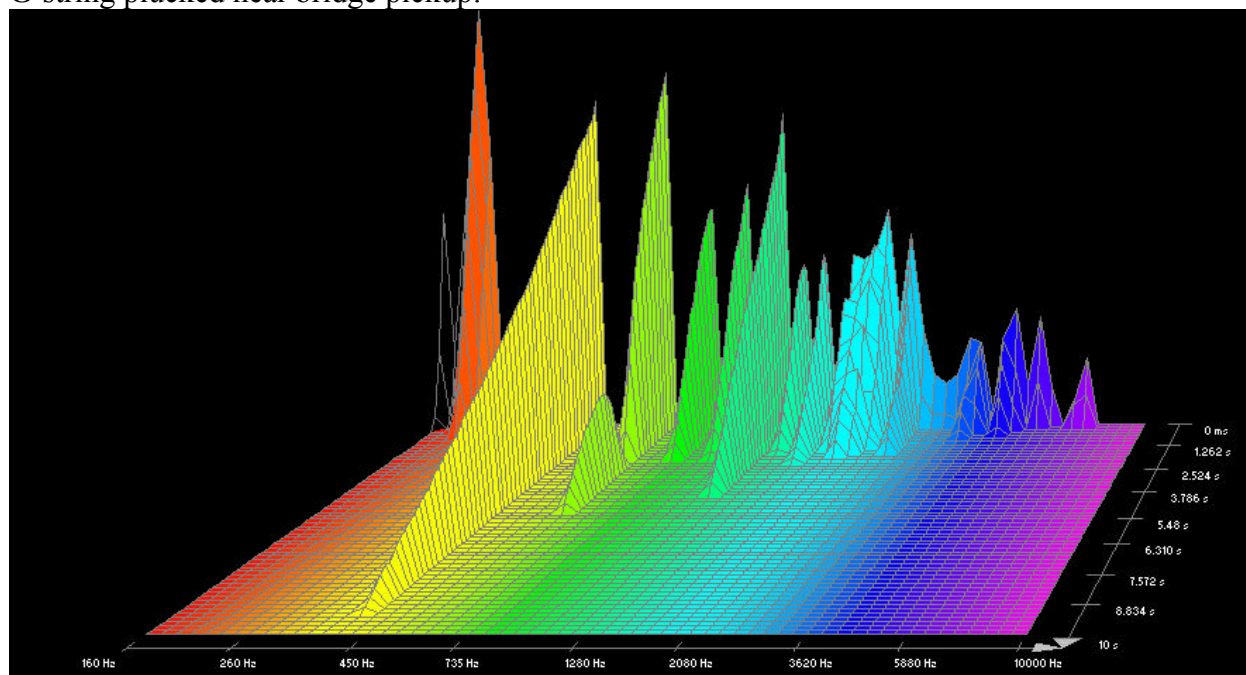
B-string plucked near bridge pickup:



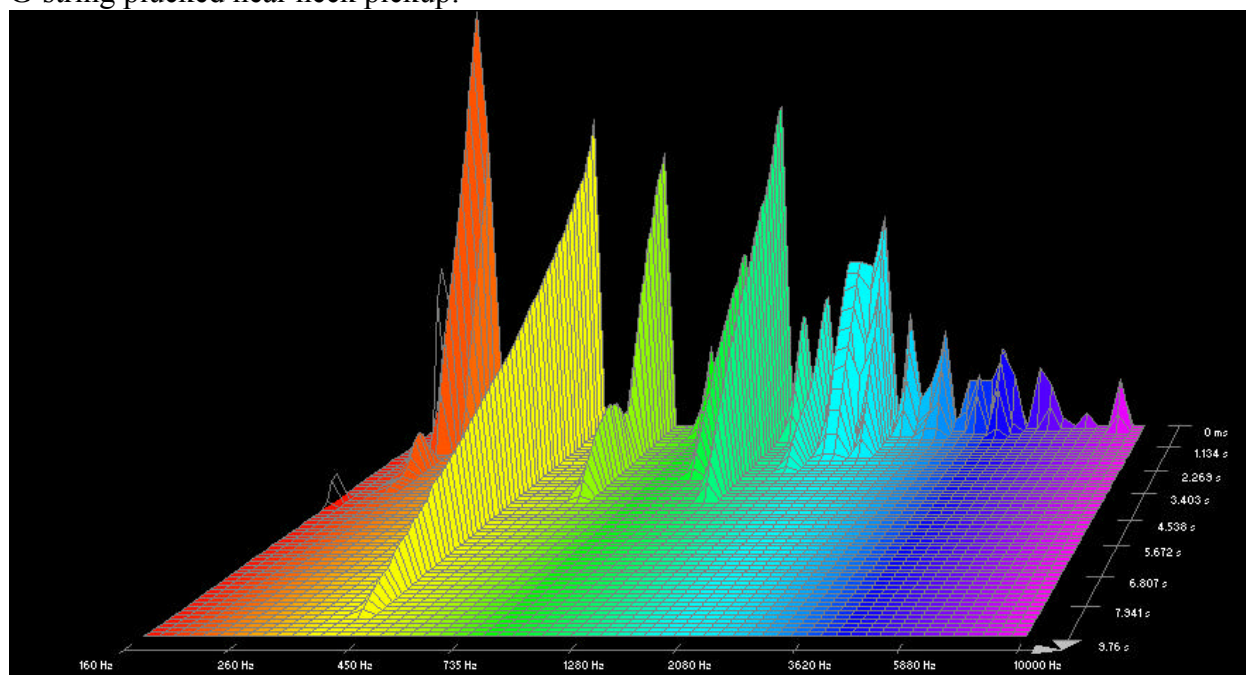
B-string plucked near neck pickup:



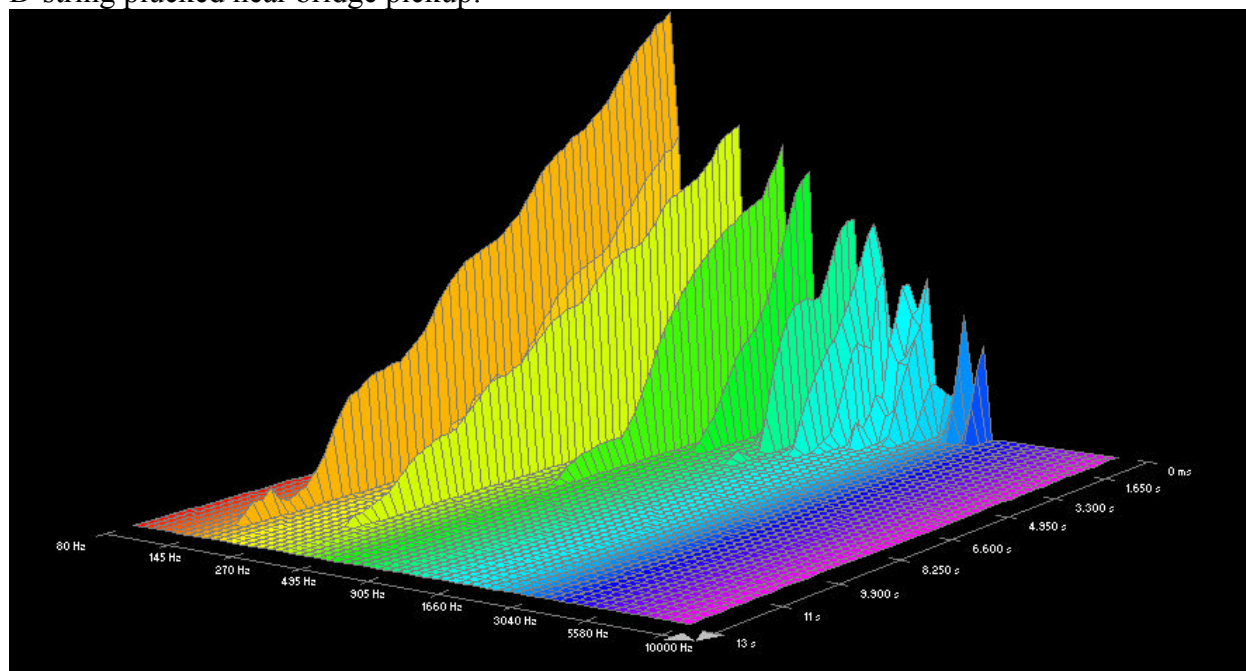
G-string plucked near bridge pickup:



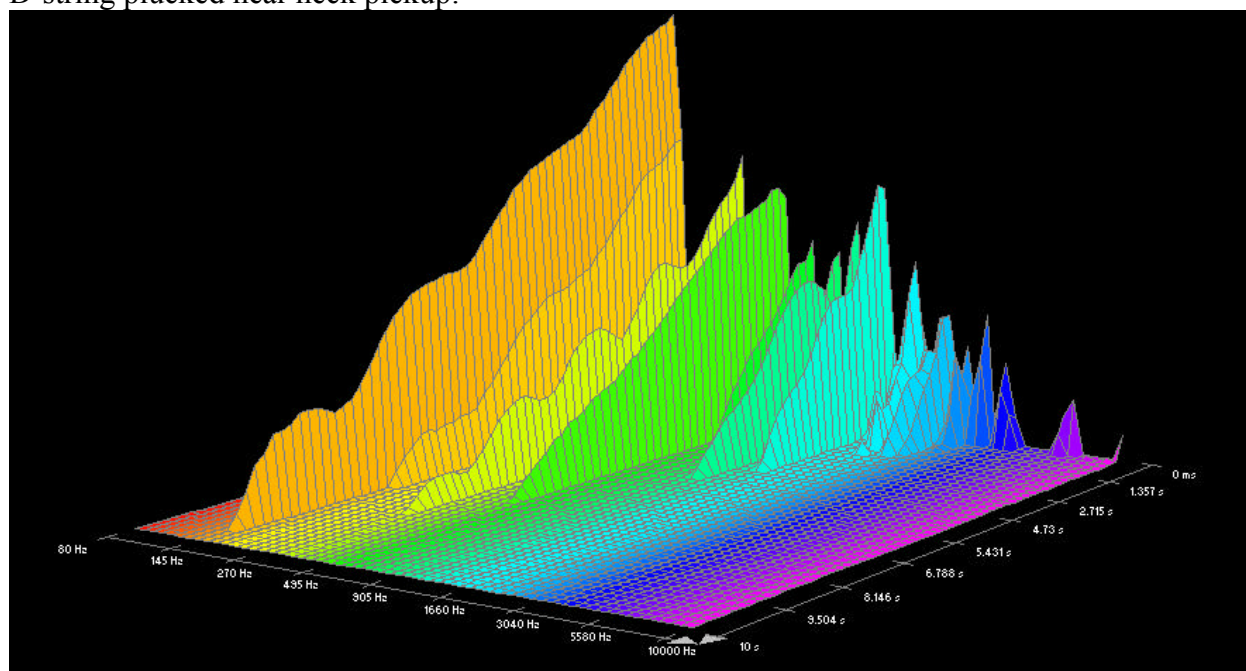
G-string plucked near neck pickup:



D-string plucked near bridge pickup:

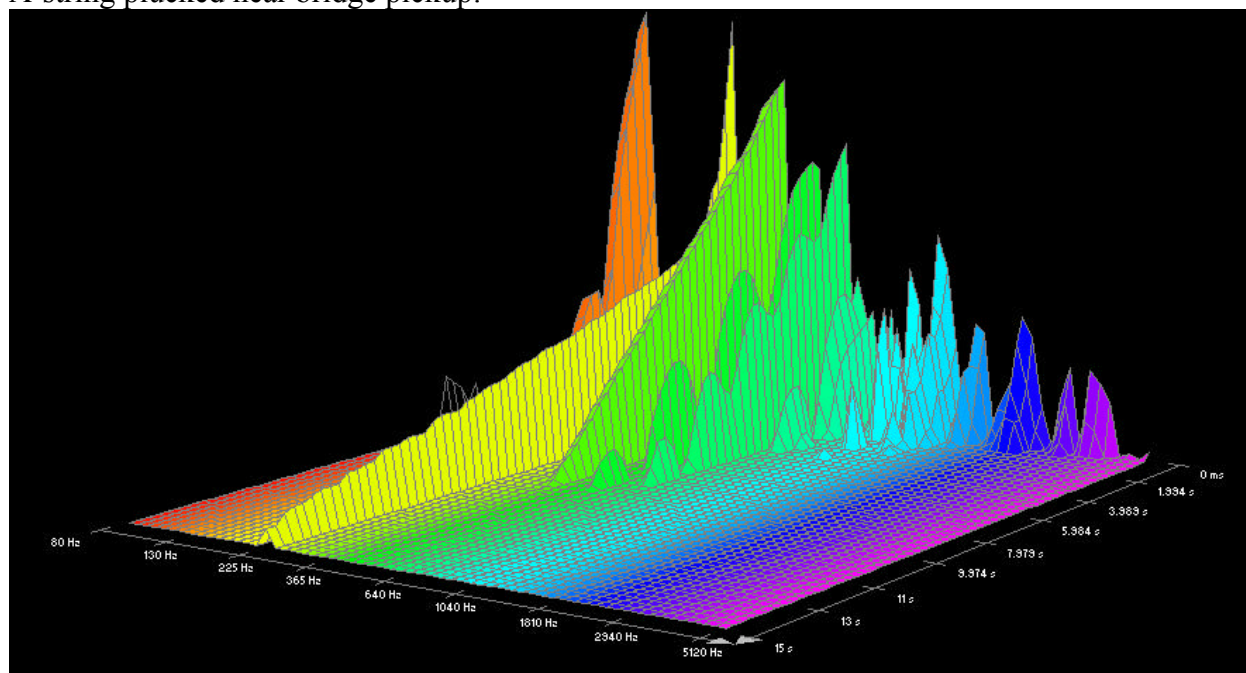


D-string plucked near neck pickup:

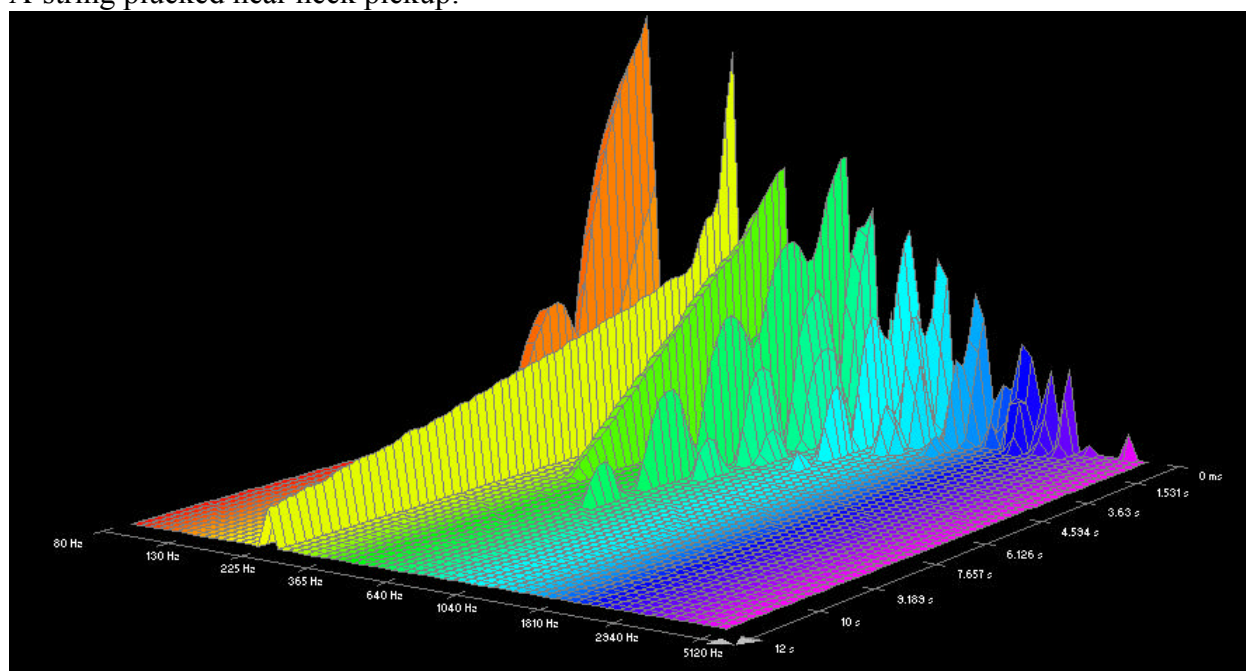




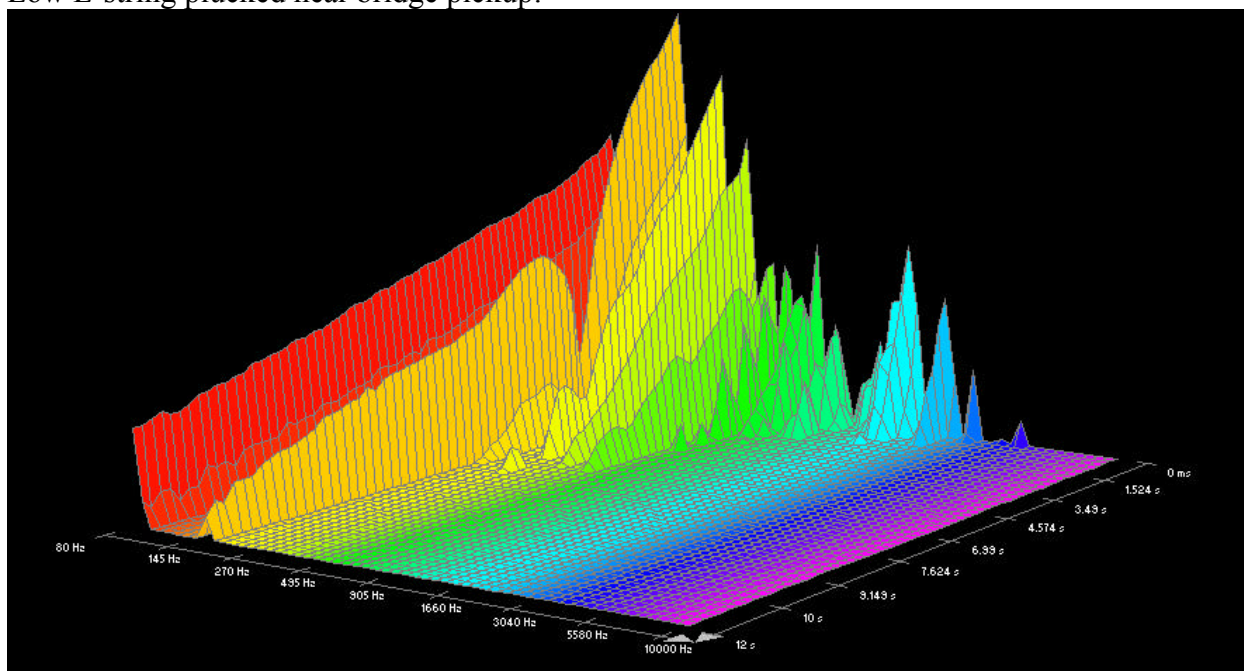
A-string plucked near bridge pickup:



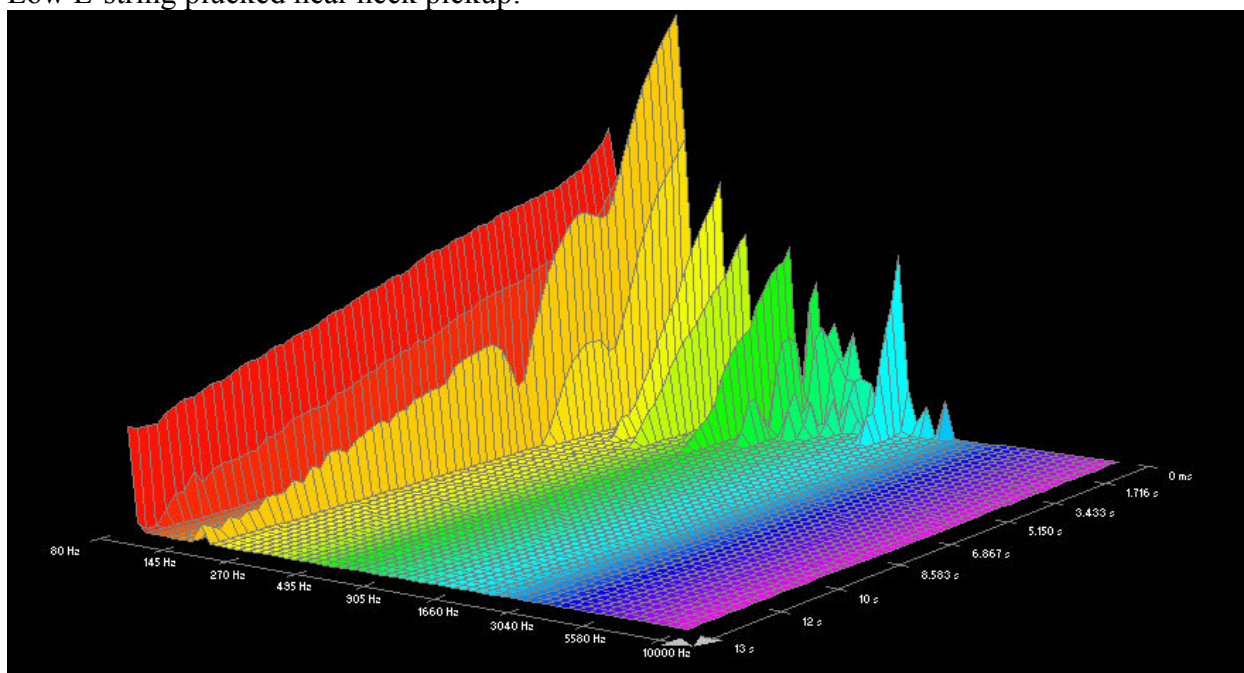
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

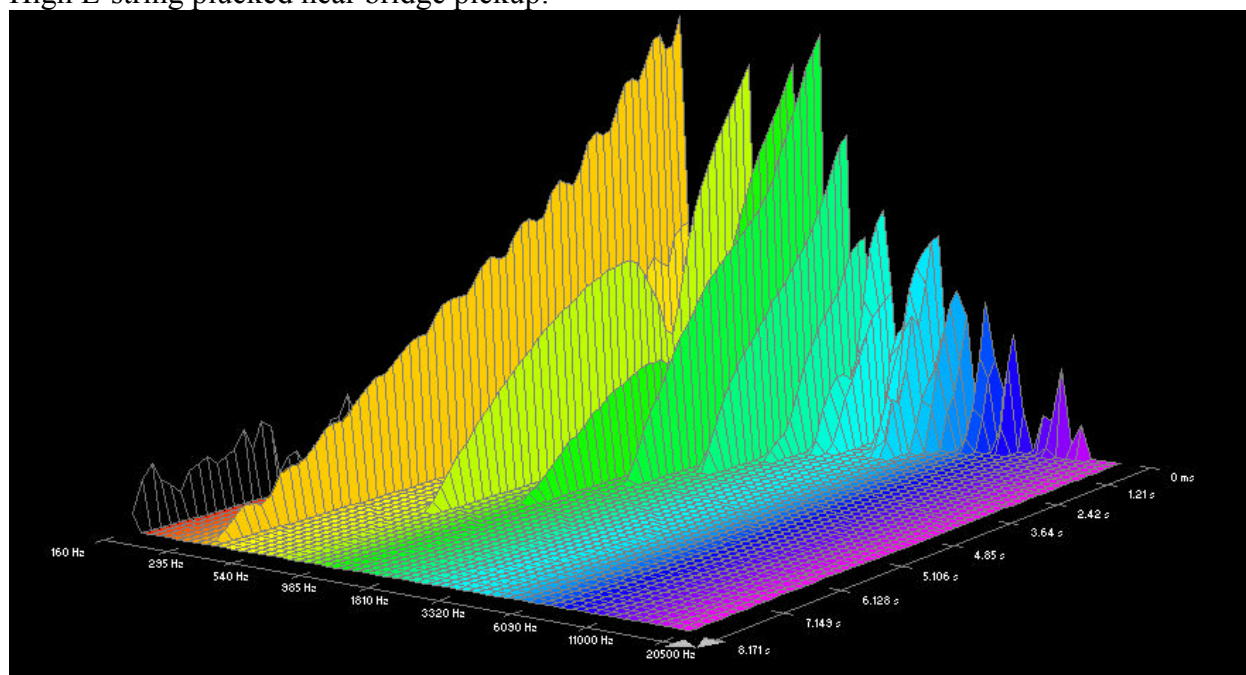


Low E-string plucked near neck pickup:

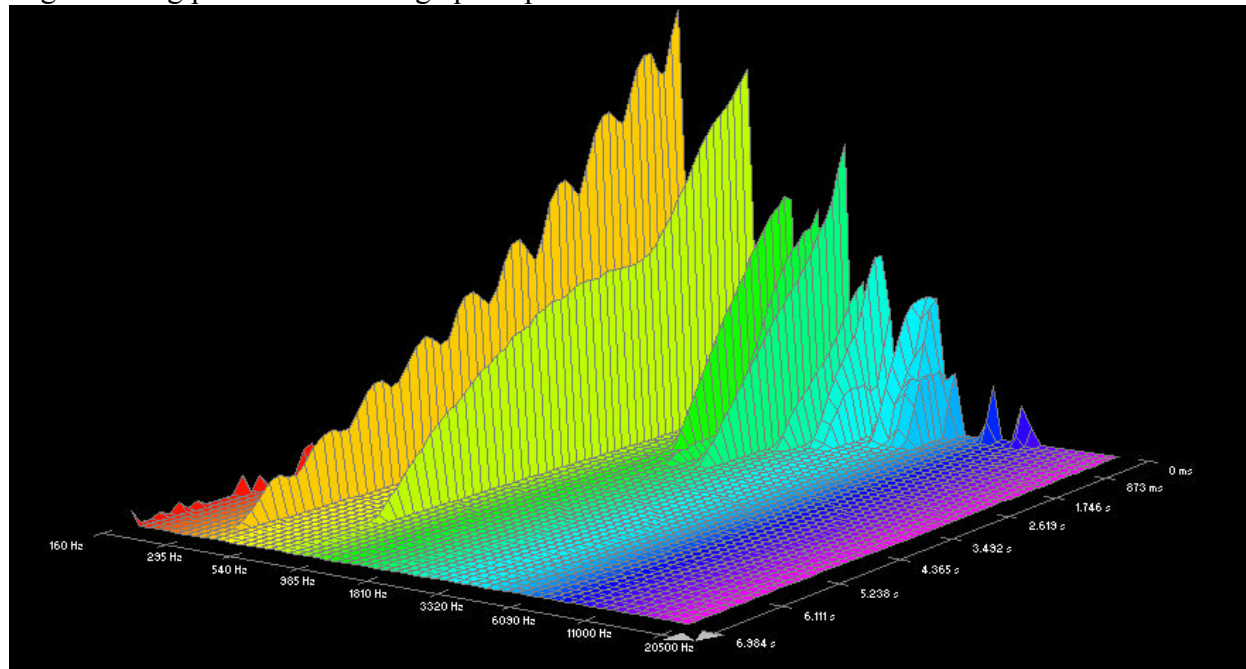


## Martin, Marquis Phosphor Bronze:

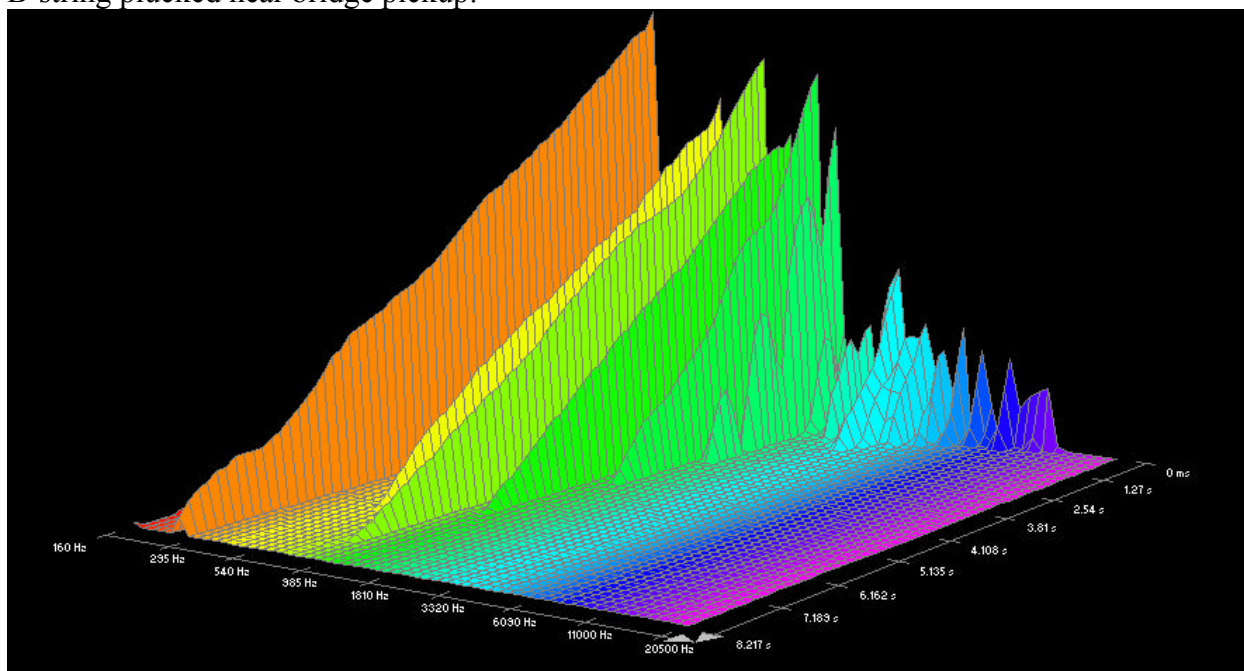
High E-string plucked near bridge pickup:



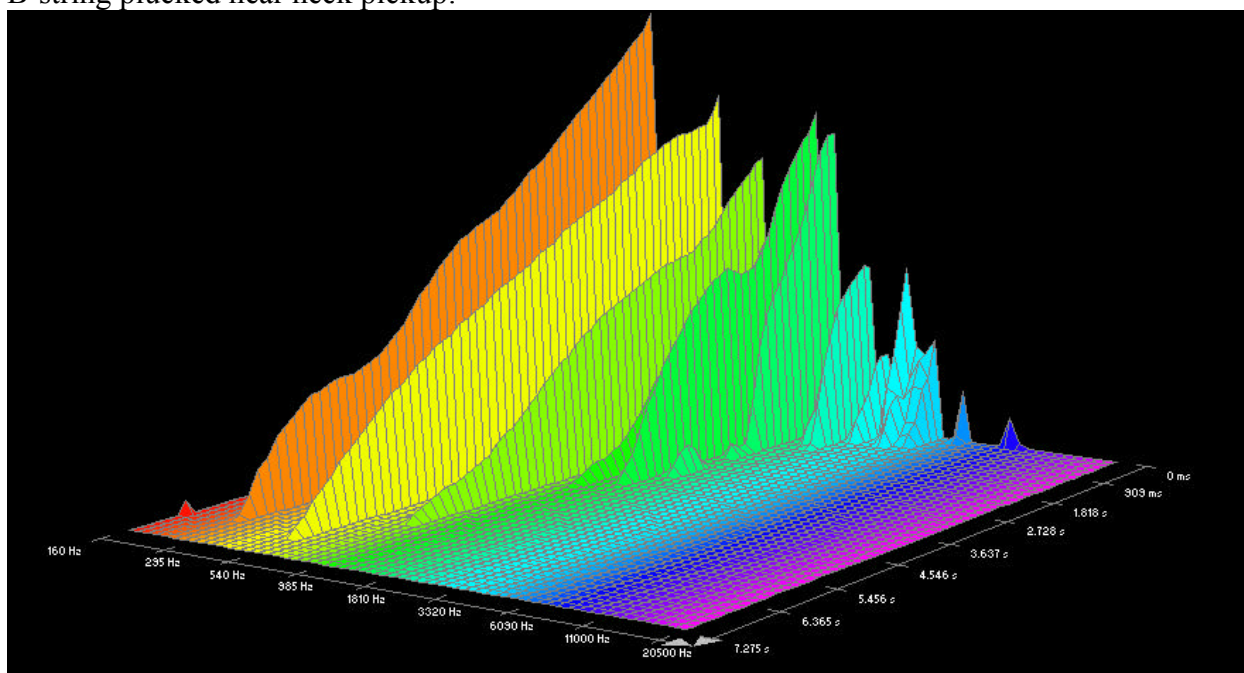
High E-string plucked near bridge pickup:



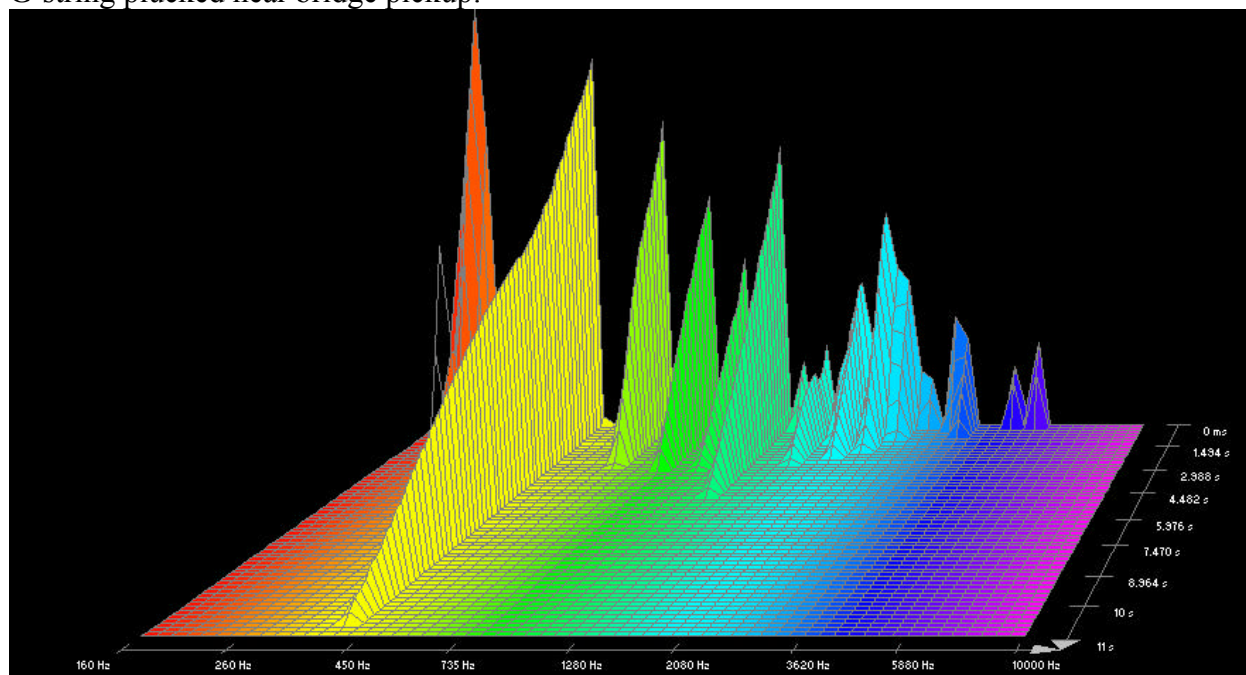
B-string plucked near bridge pickup:



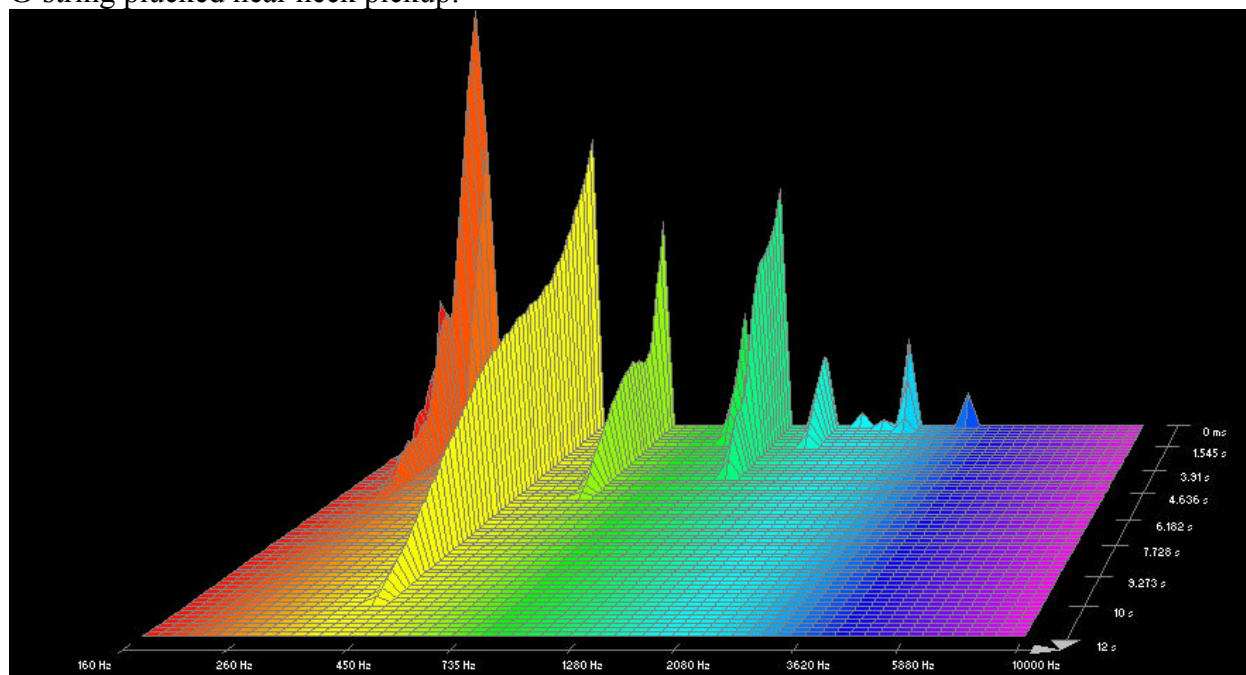
B-string plucked near neck pickup:



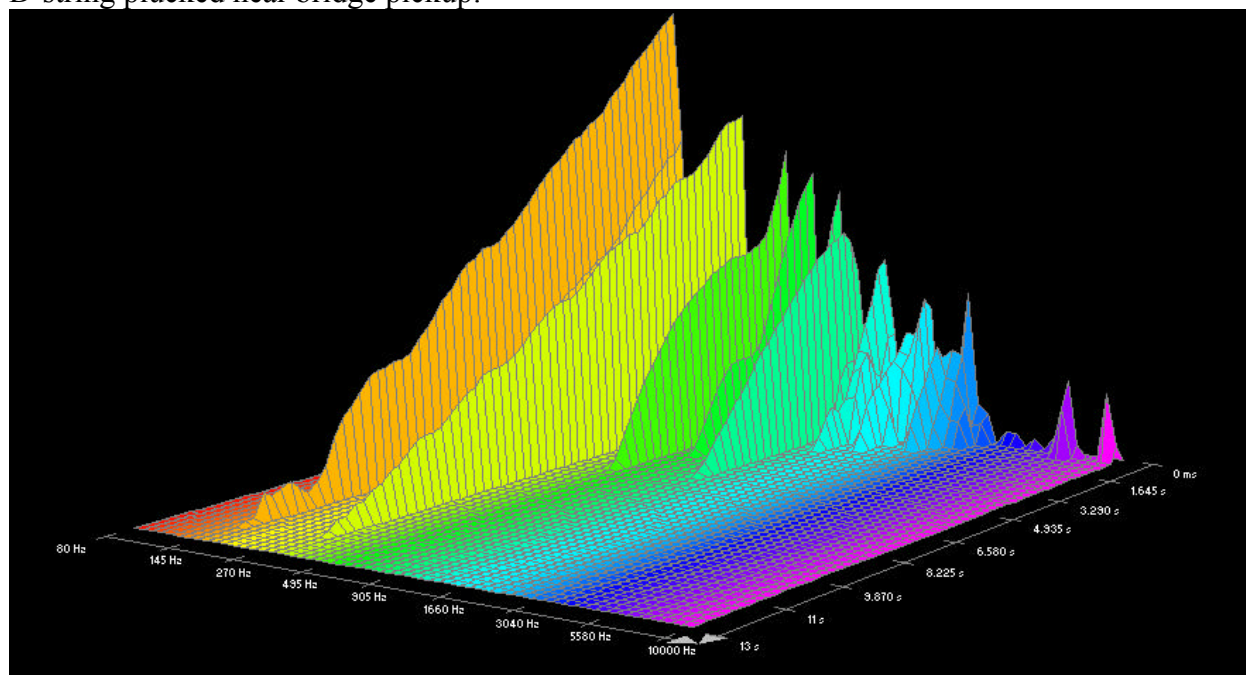
G-string plucked near bridge pickup:



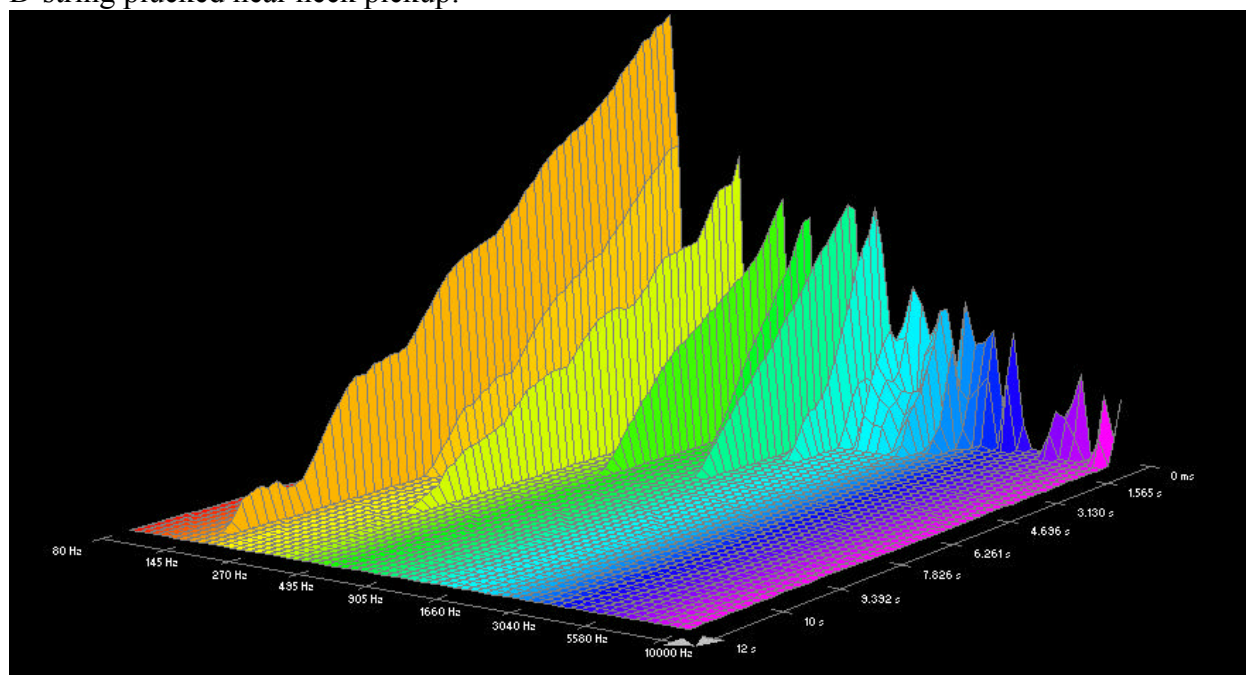
G-string plucked near neck pickup:



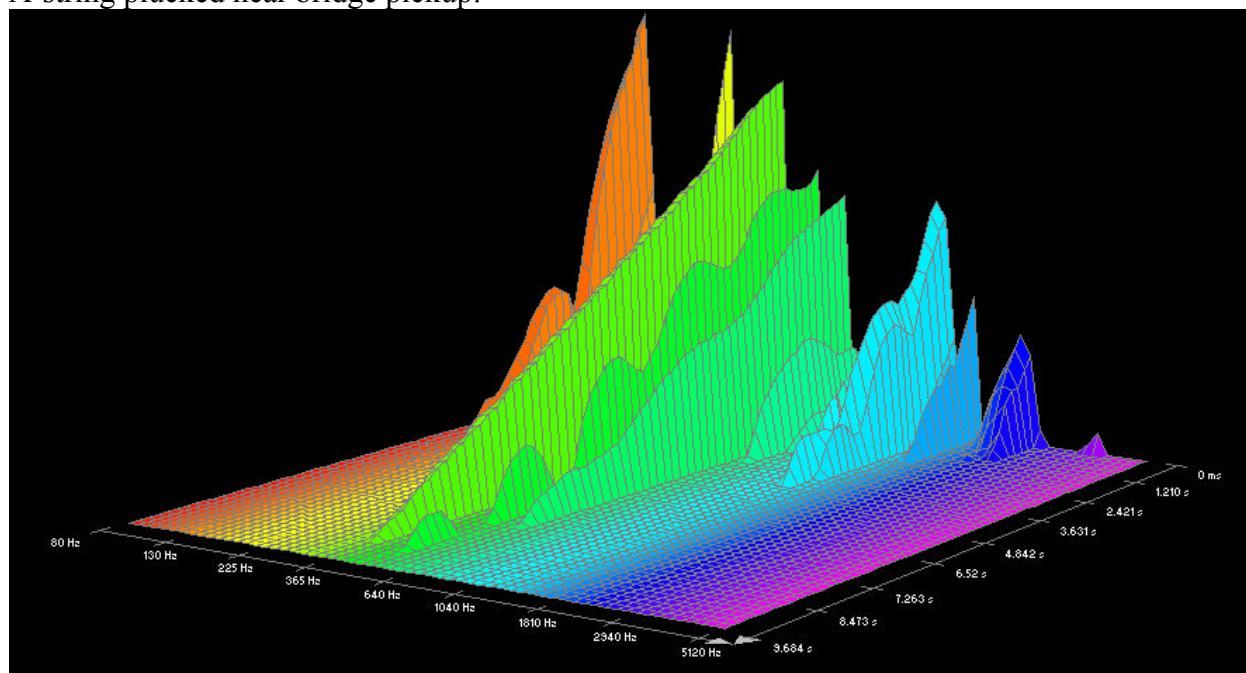
D-string plucked near bridge pickup:



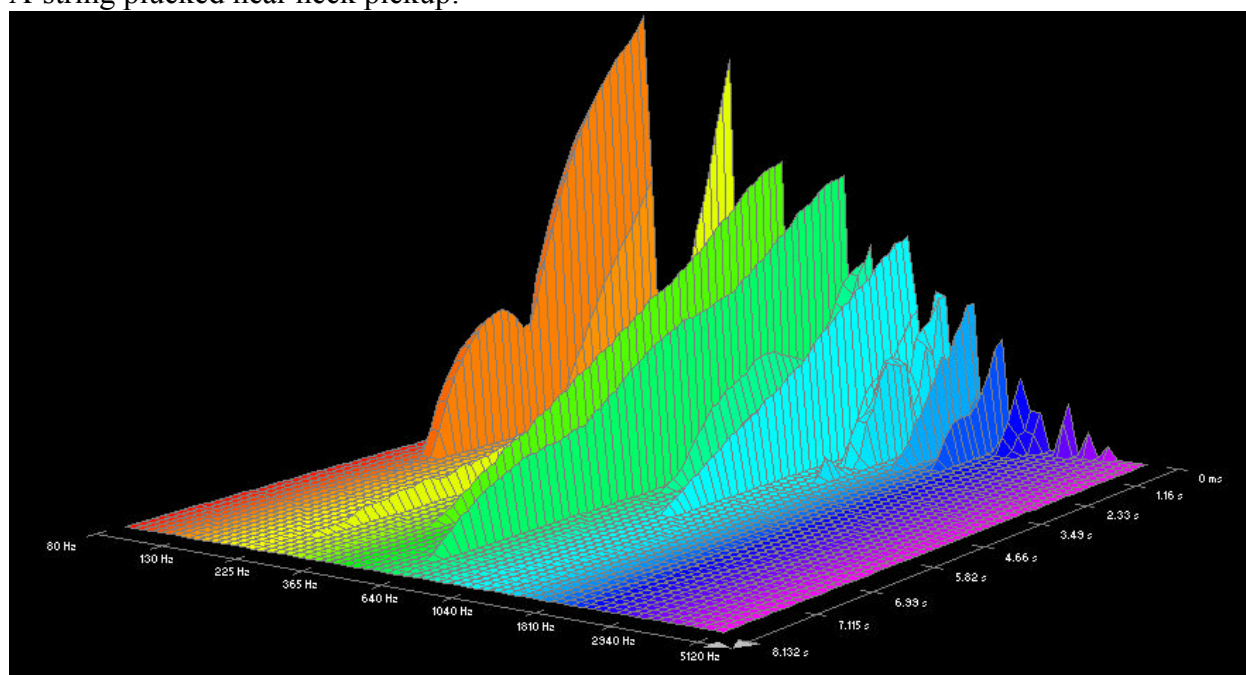
D-string plucked near neck pickup:



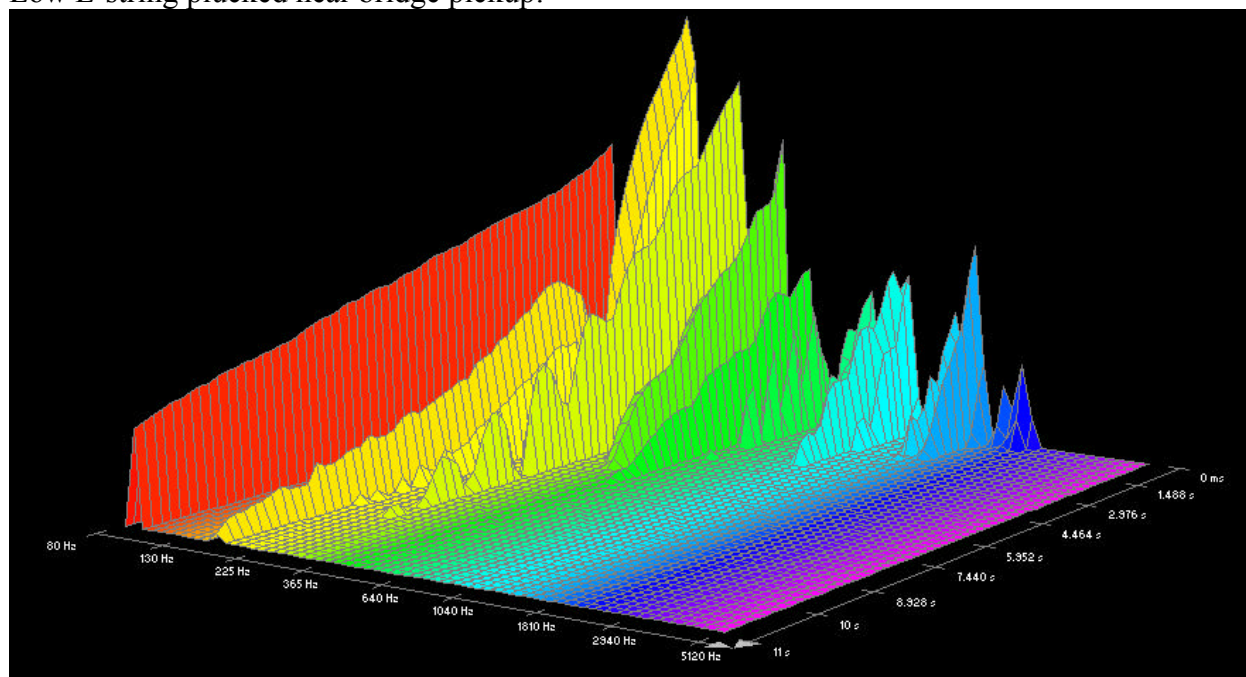
A-string plucked near bridge pickup:



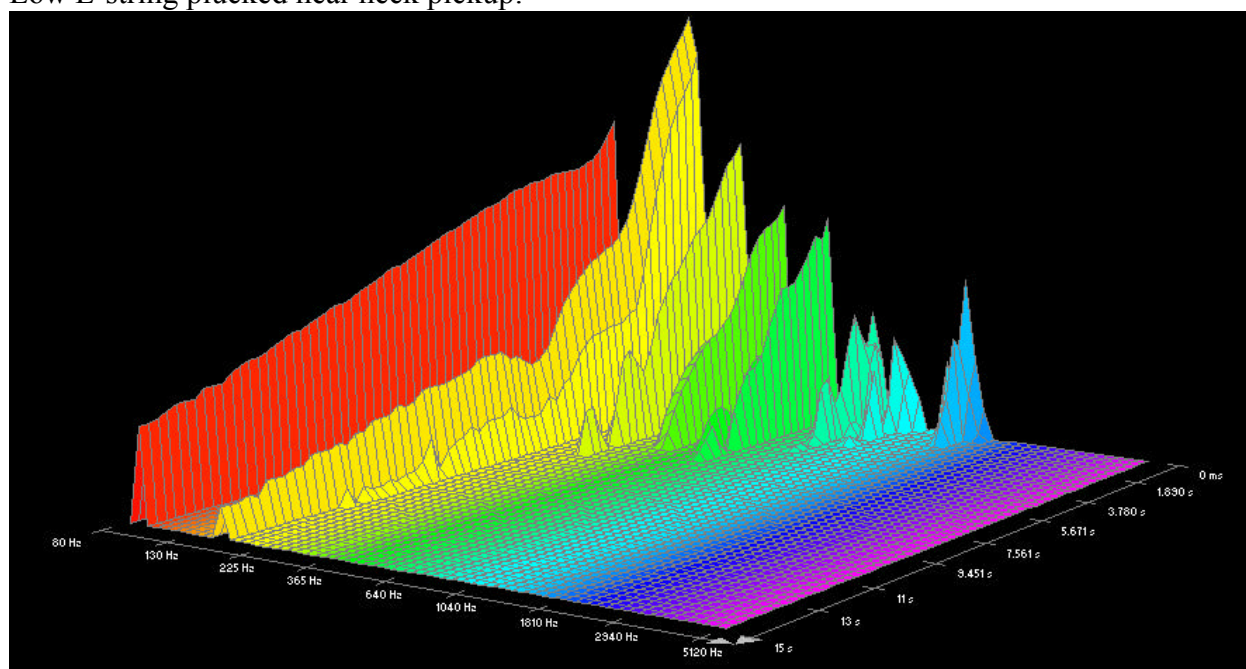
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:



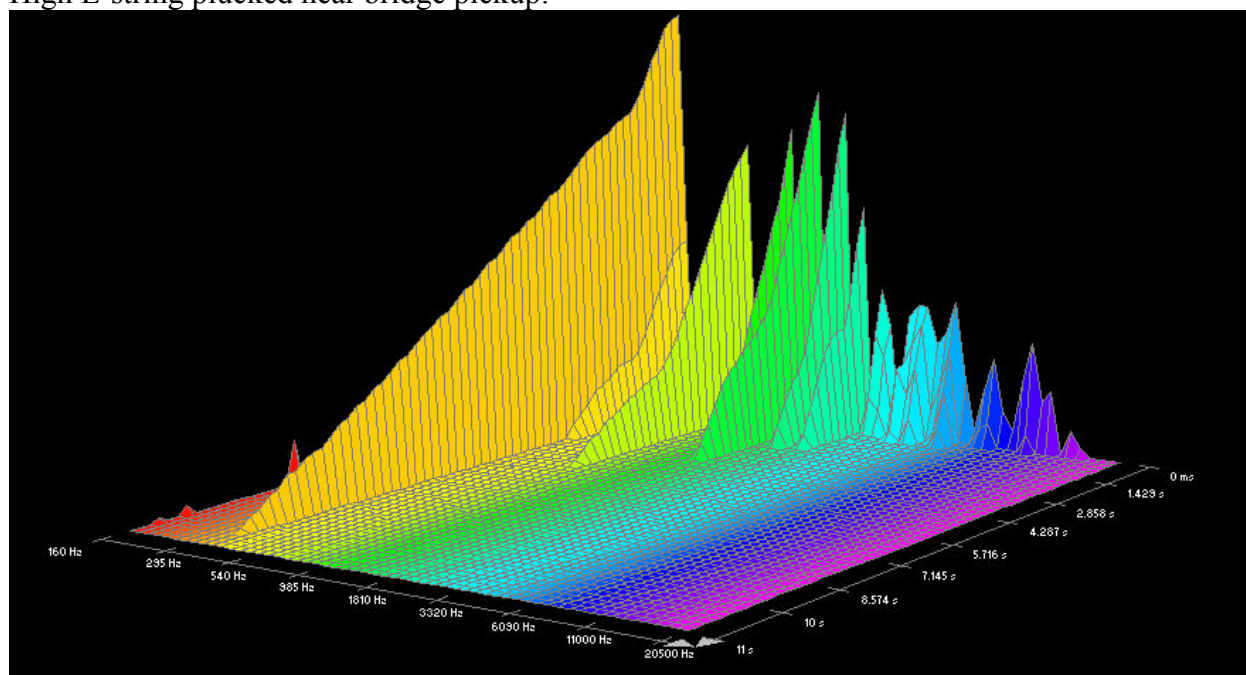
Low E-string plucked near neck pickup:



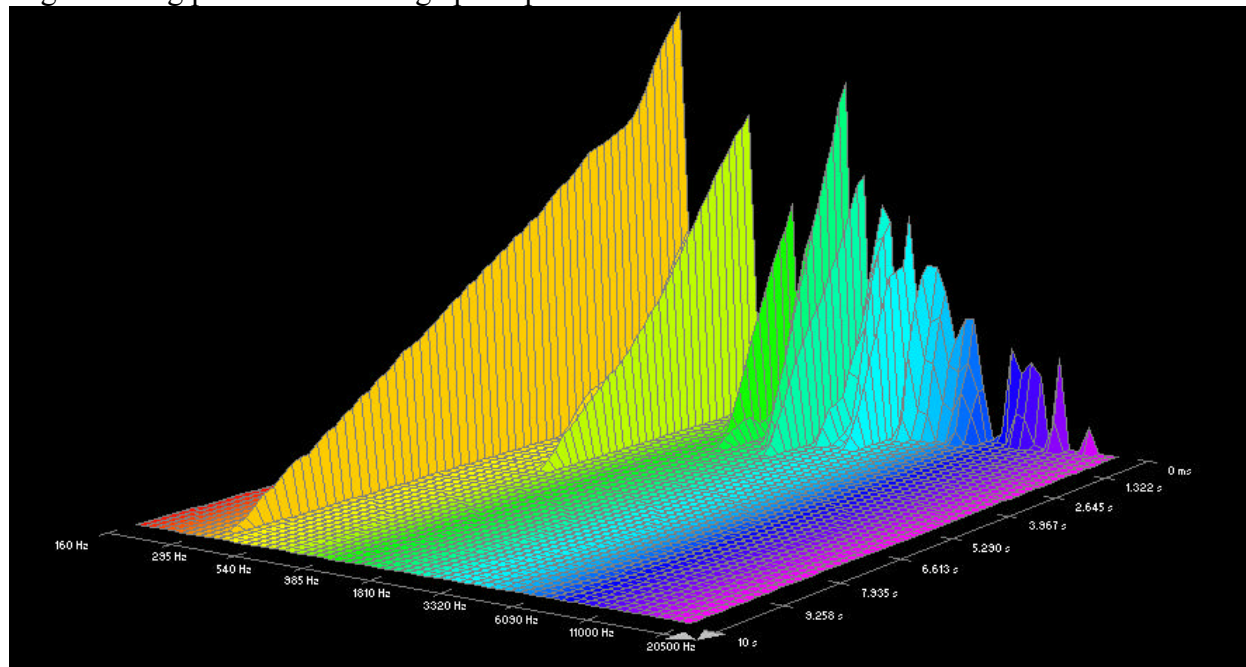


## Martin, Phosphor Bronze SP:

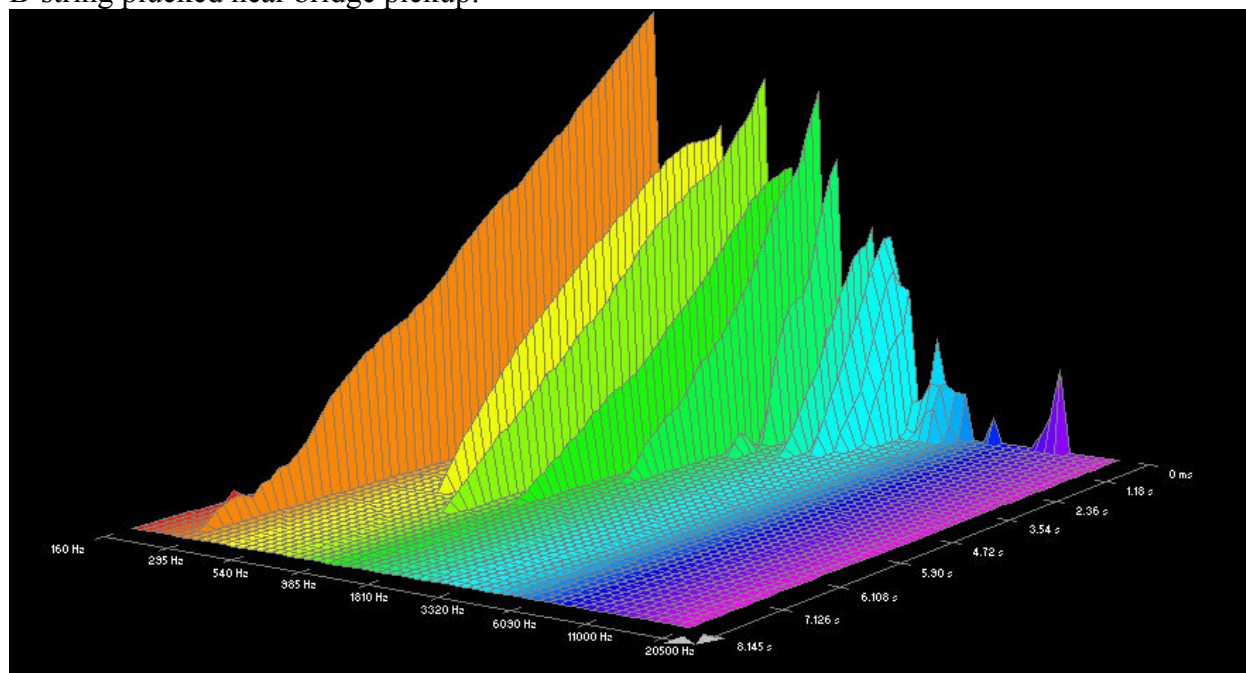
High E-string plucked near bridge pickup:



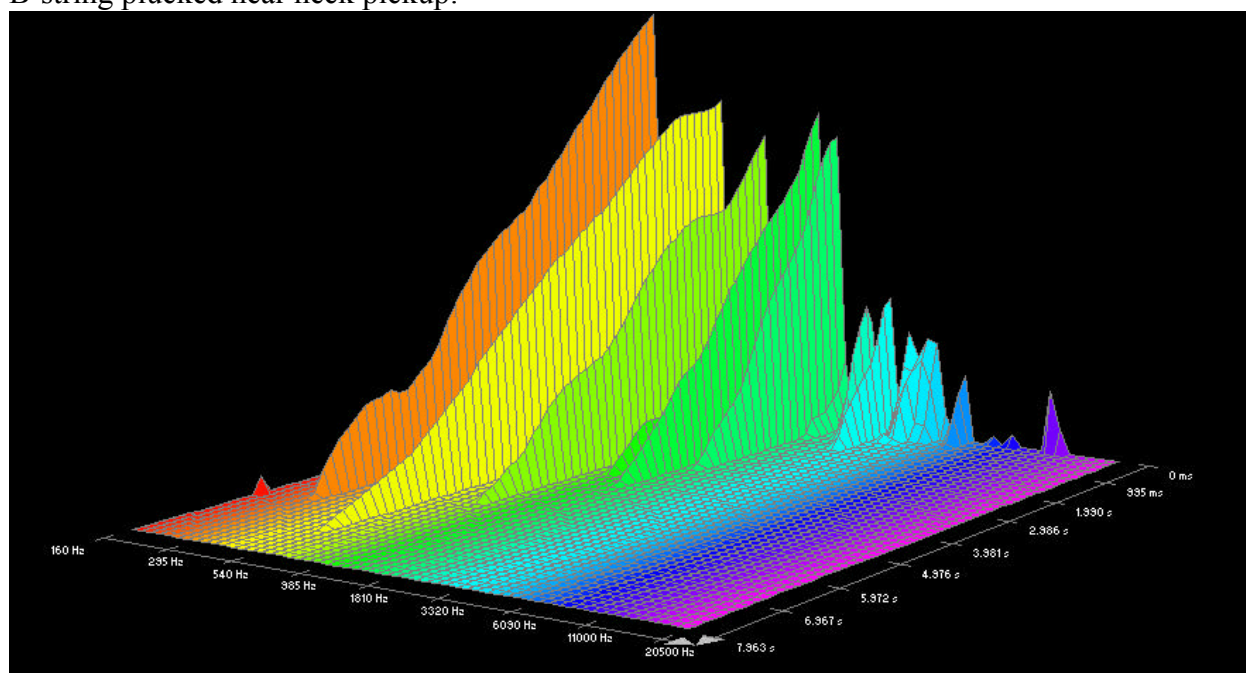
High E-string plucked near bridge pickup:



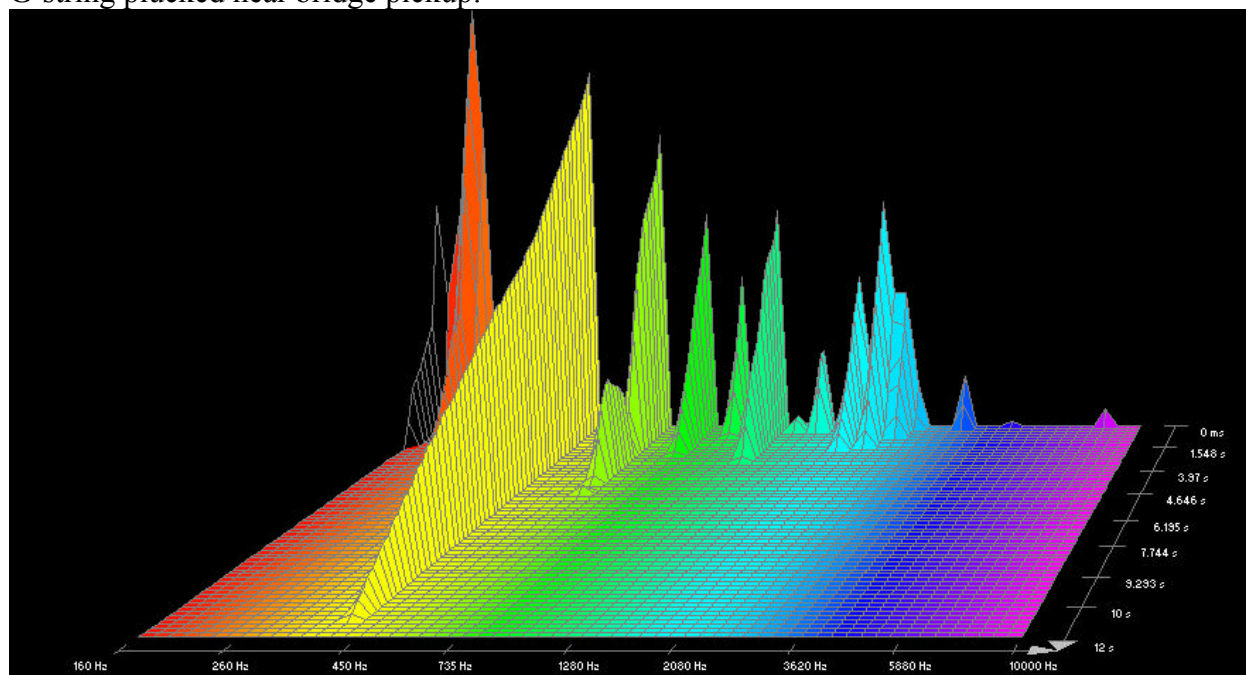
B-string plucked near bridge pickup:



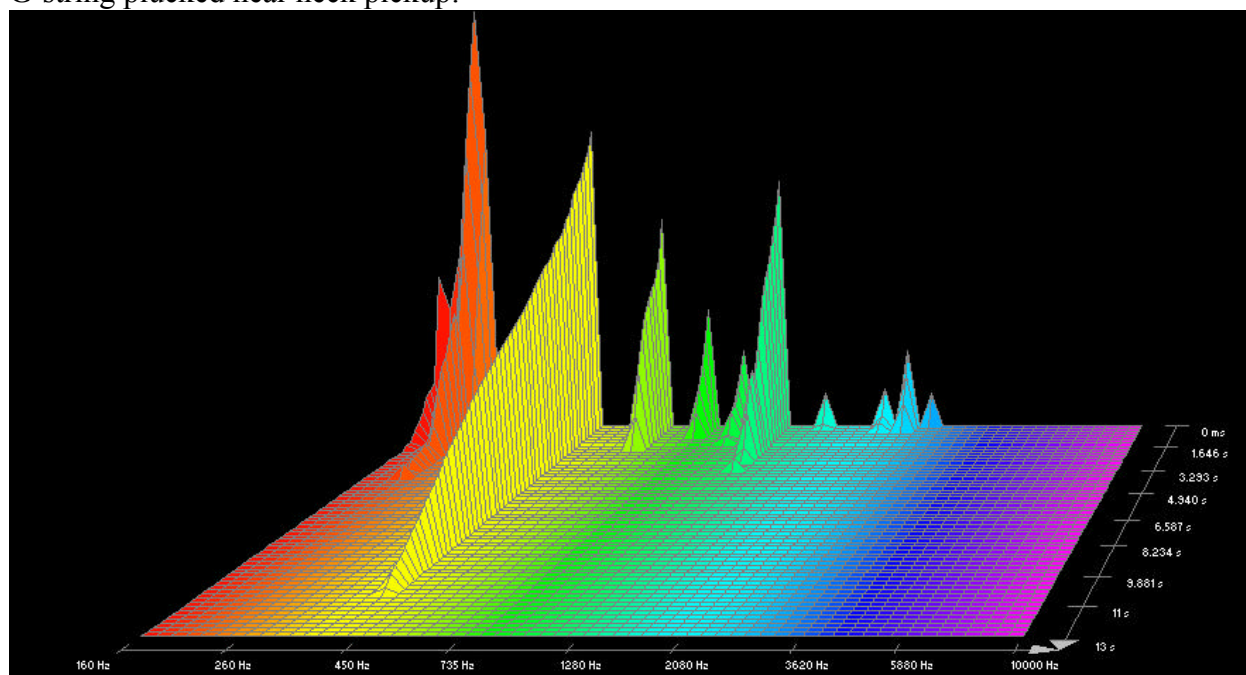
B-string plucked near neck pickup:



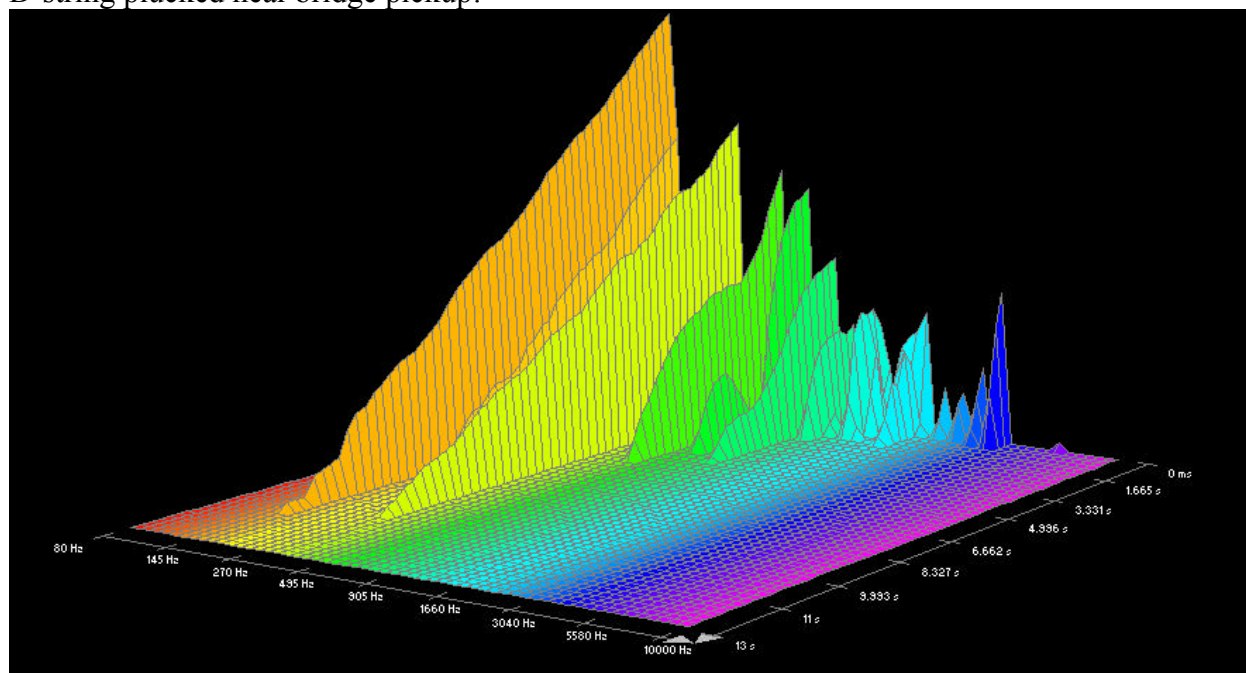
G-string plucked near bridge pickup:



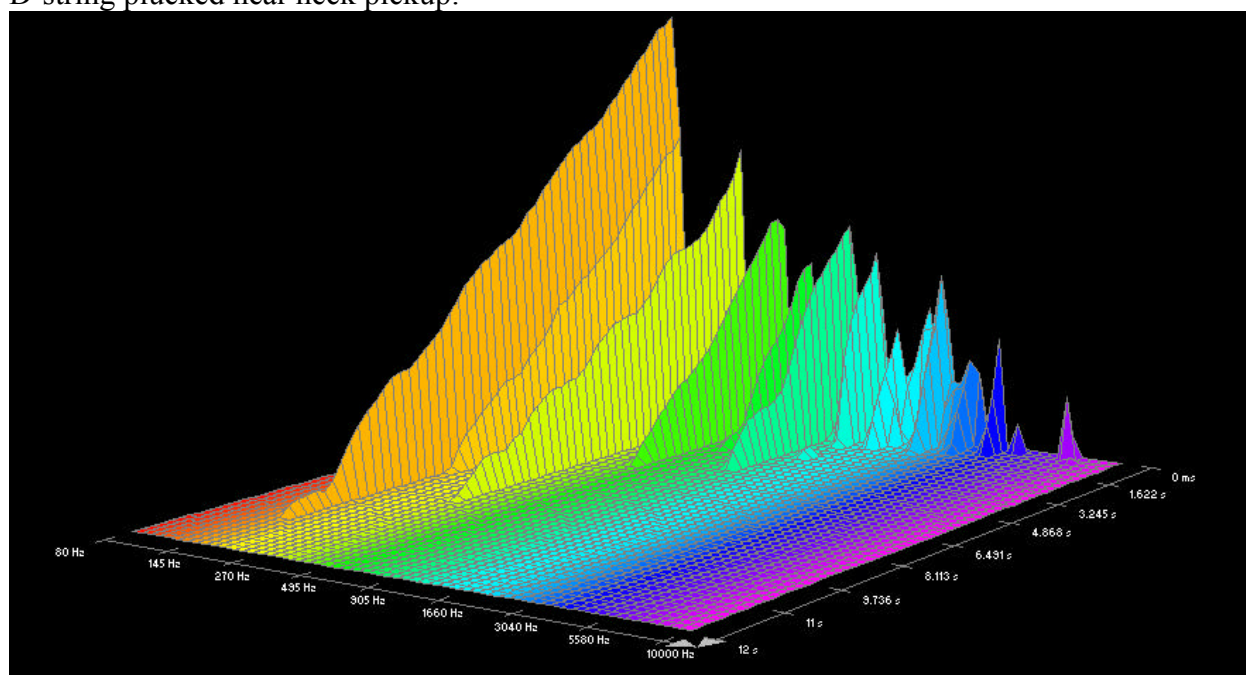
G-string plucked near neck pickup:



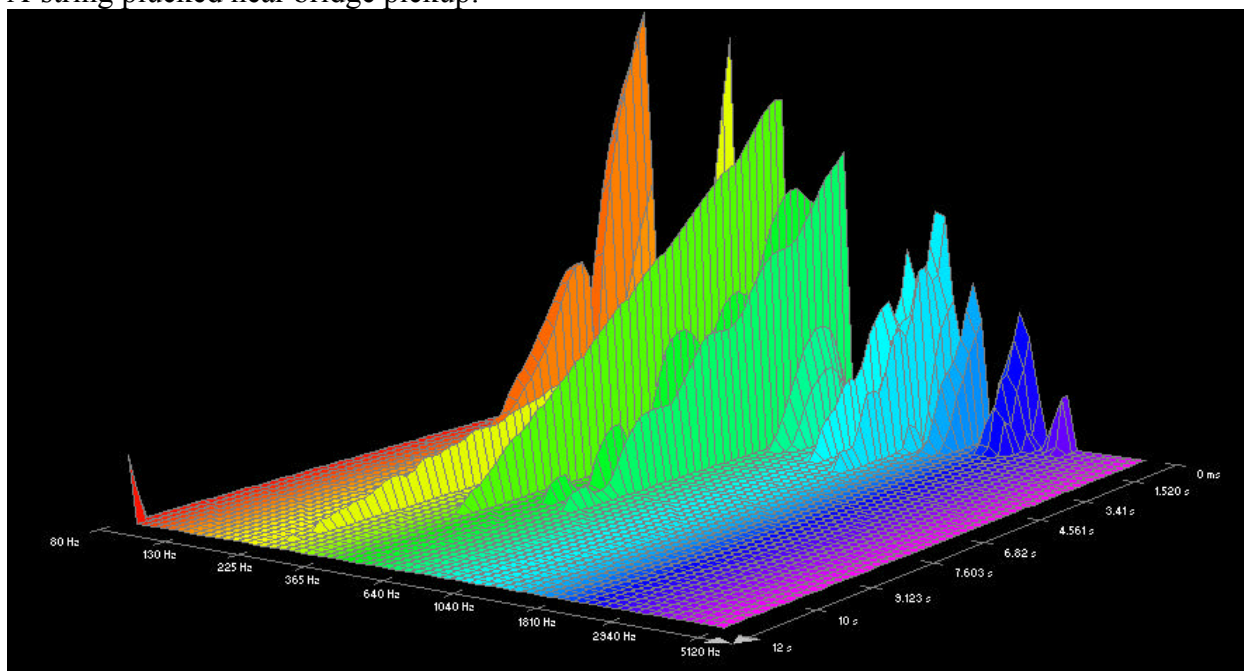
D-string plucked near bridge pickup:



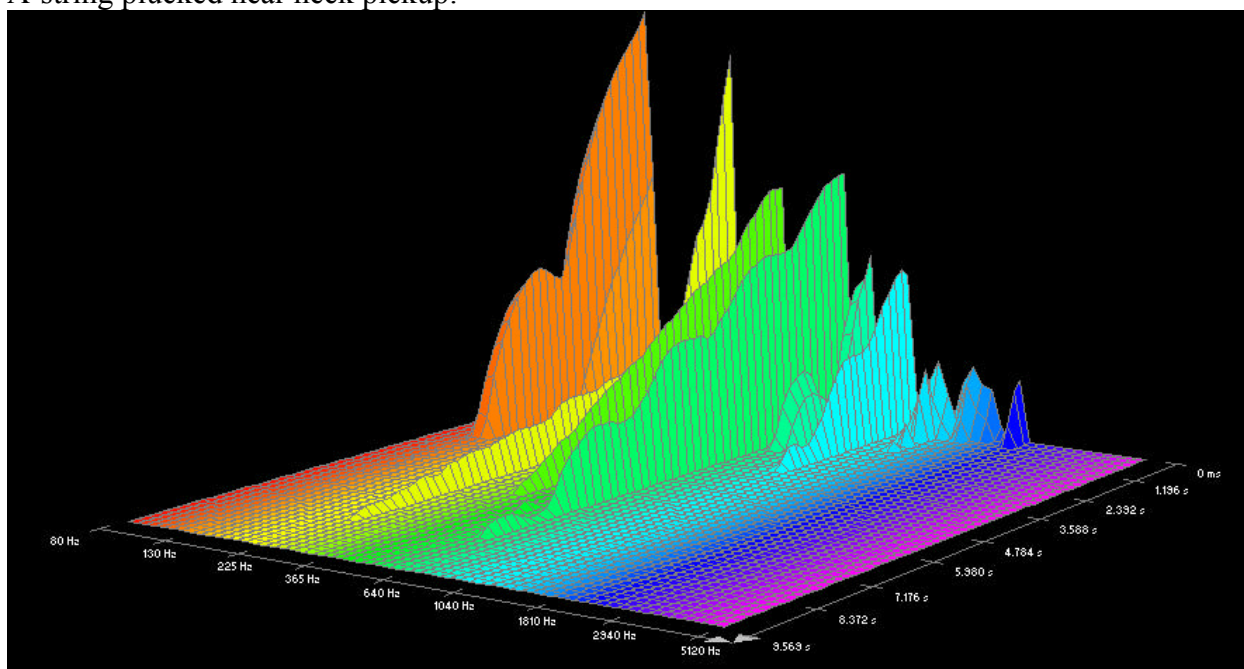
D-string plucked near neck pickup:



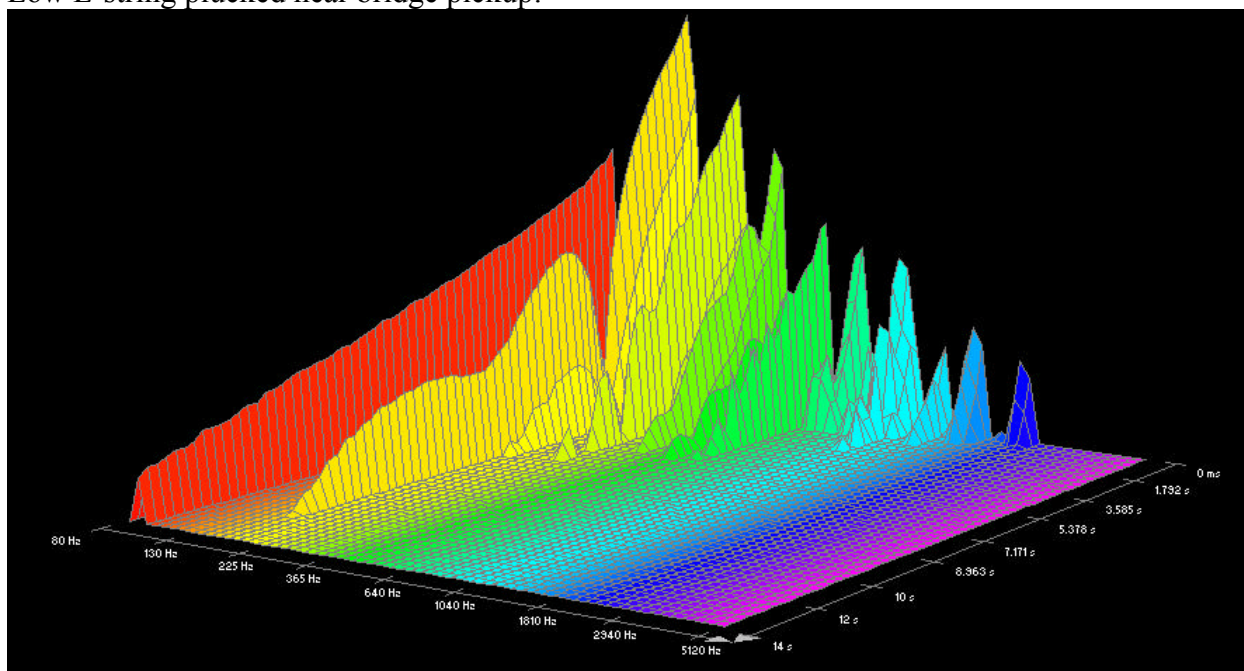
A-string plucked near bridge pickup:



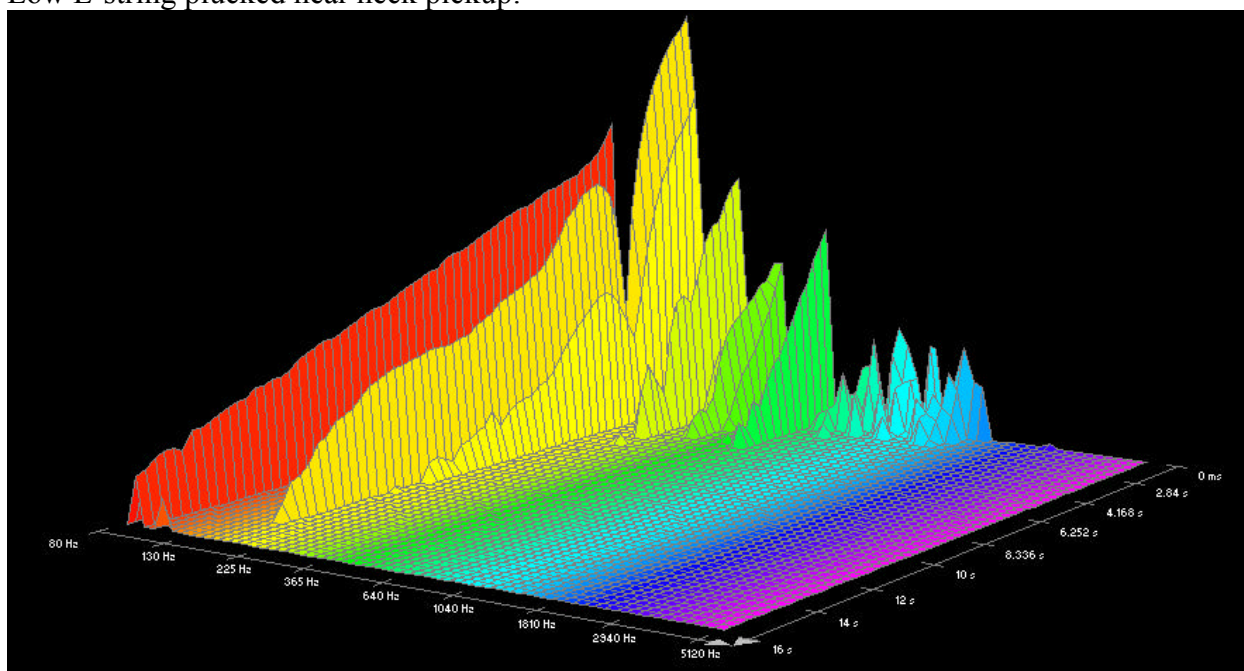
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

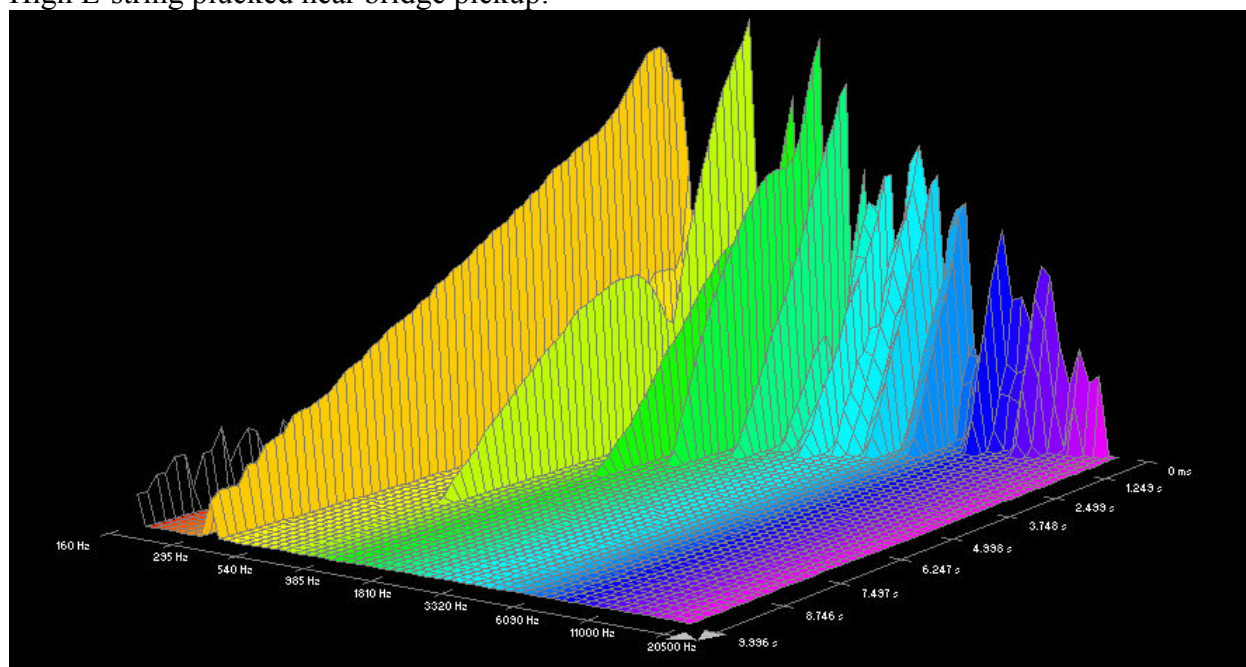


Low E-string plucked near neck pickup:

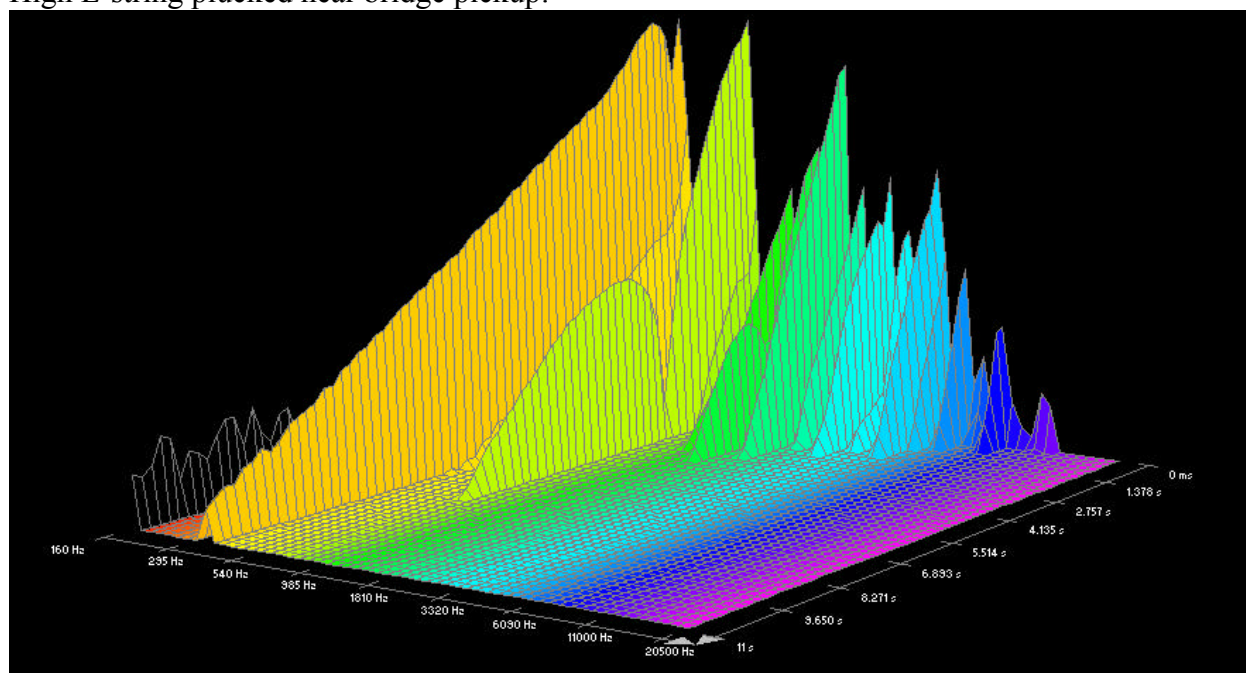


## Martin, SP+ 80/20:

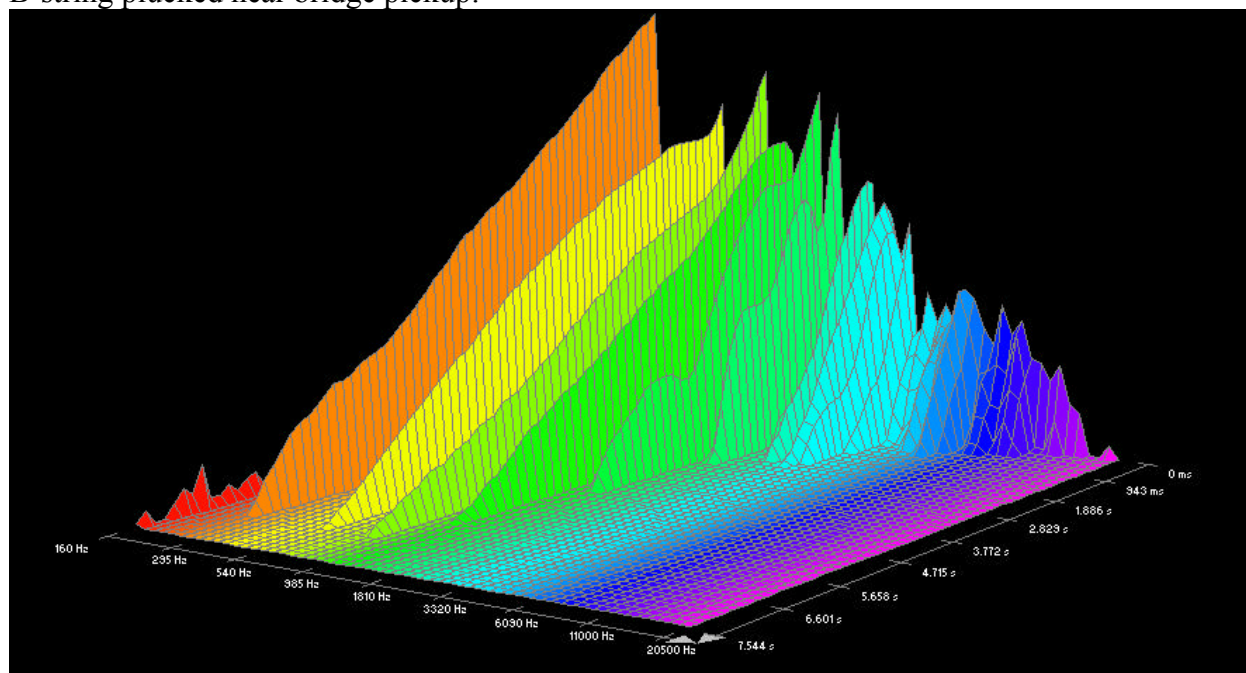
High E-string plucked near bridge pickup:



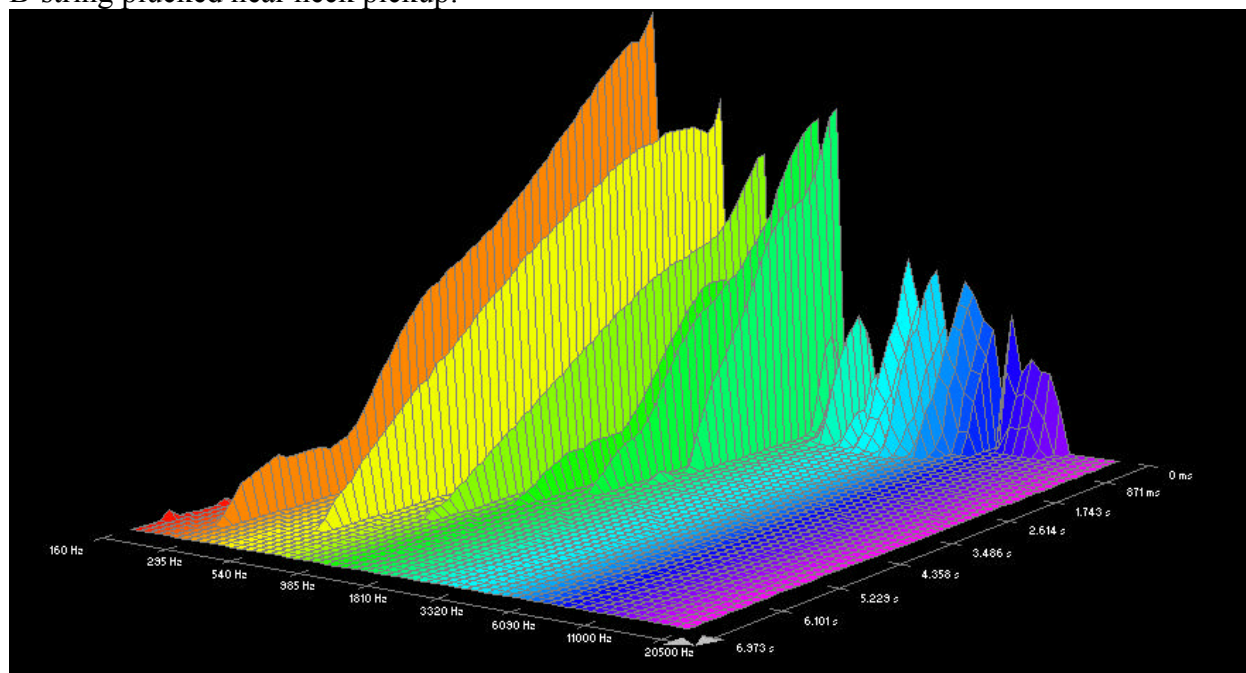
High E-string plucked near bridge pickup:



B-string plucked near bridge pickup:

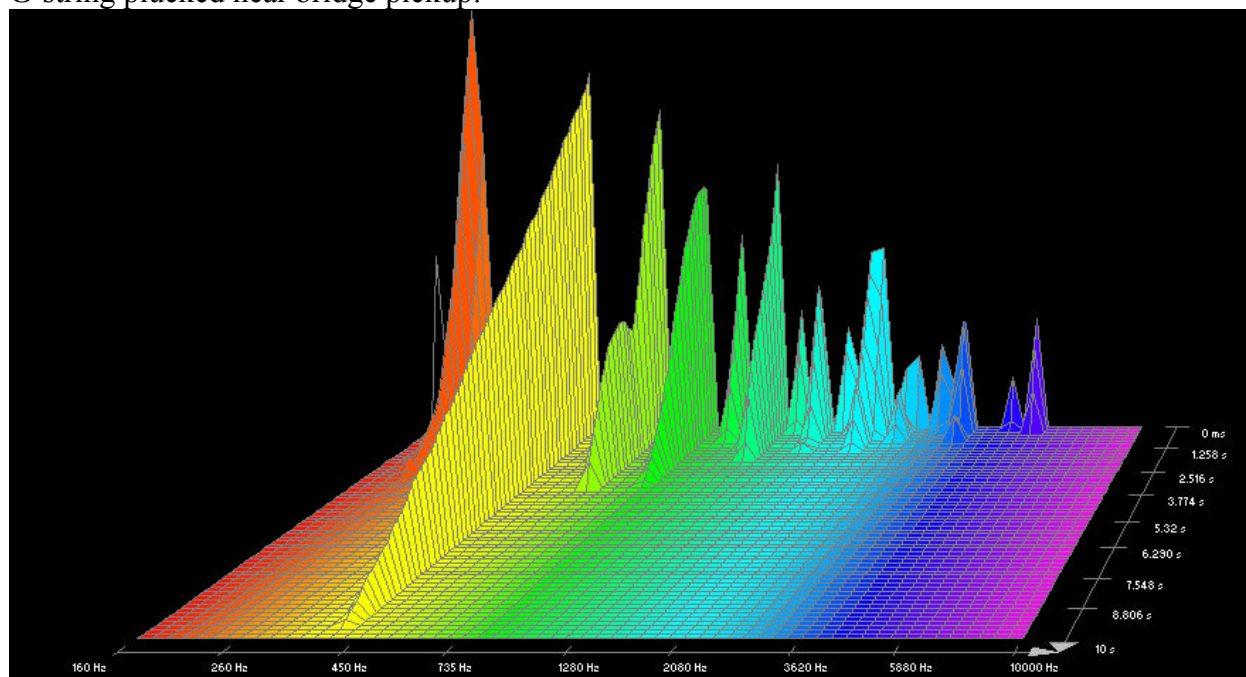


B-string plucked near neck pickup:

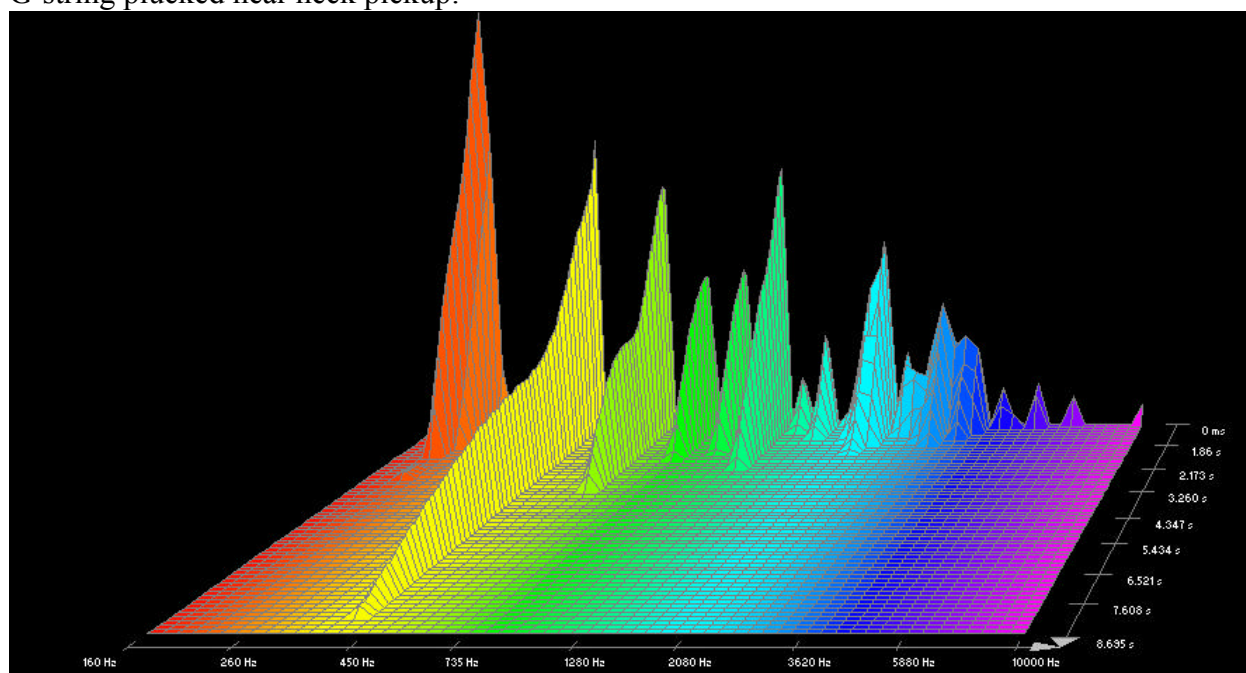




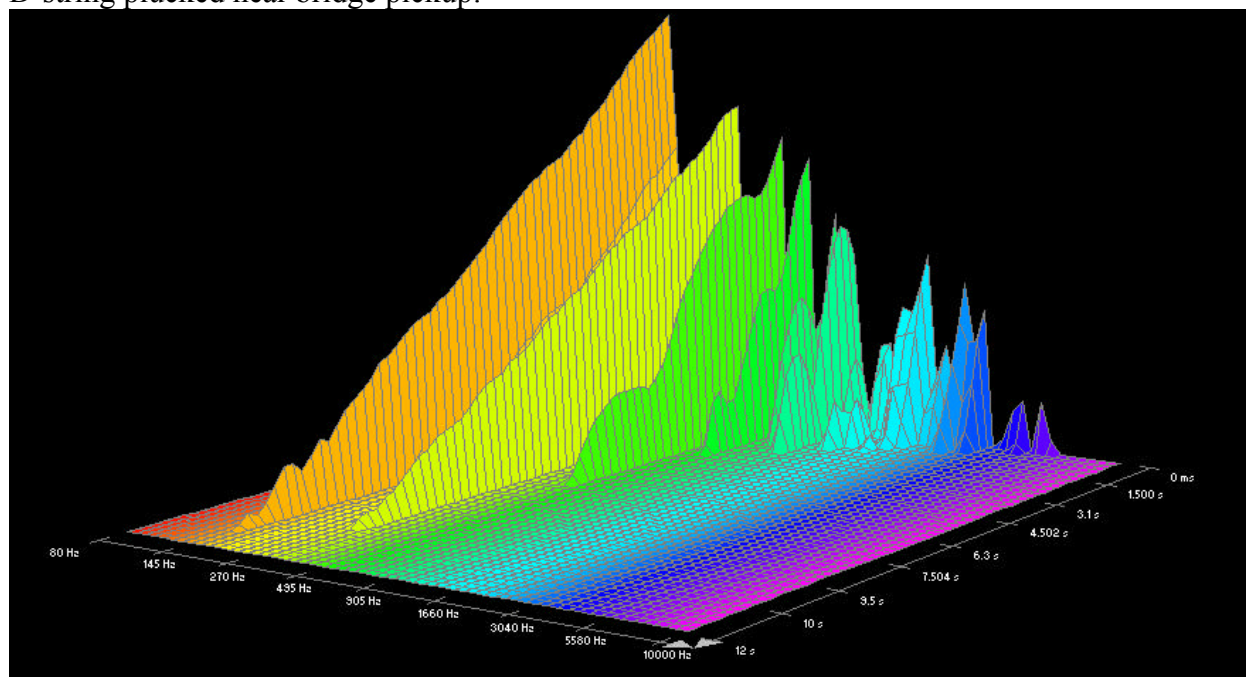
G-string plucked near bridge pickup:



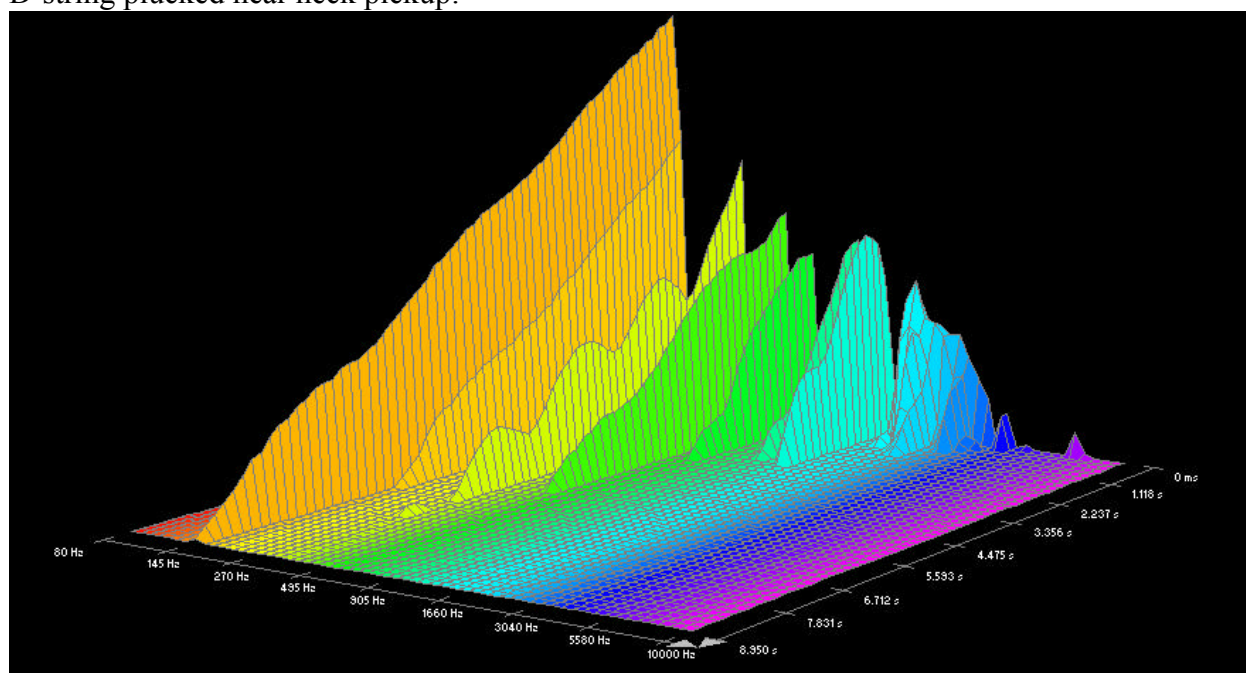
G-string plucked near neck pickup:



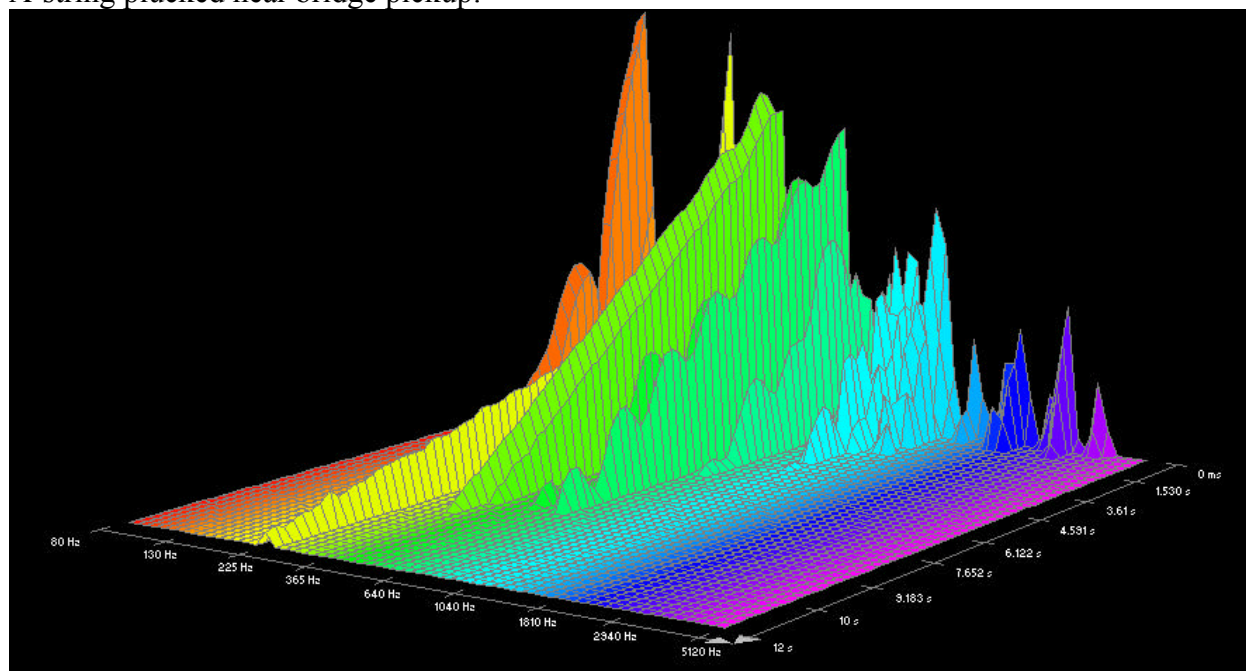
D-string plucked near bridge pickup:



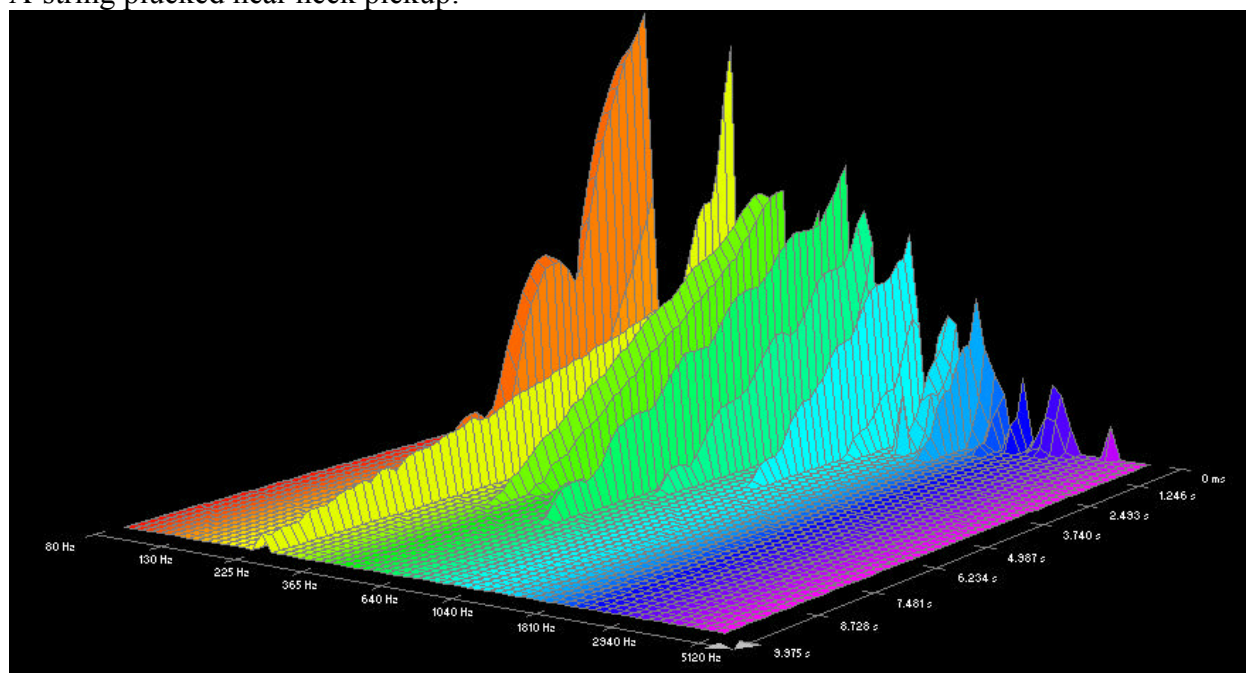
D-string plucked near neck pickup:



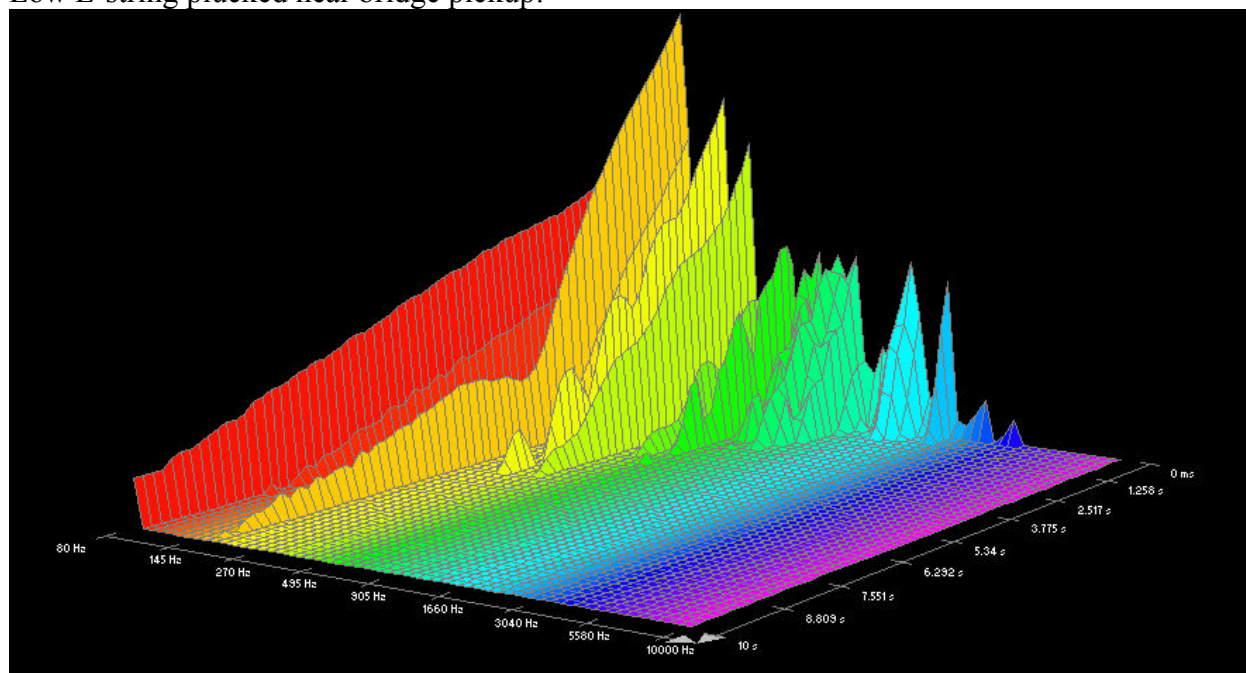
A-string plucked near bridge pickup:



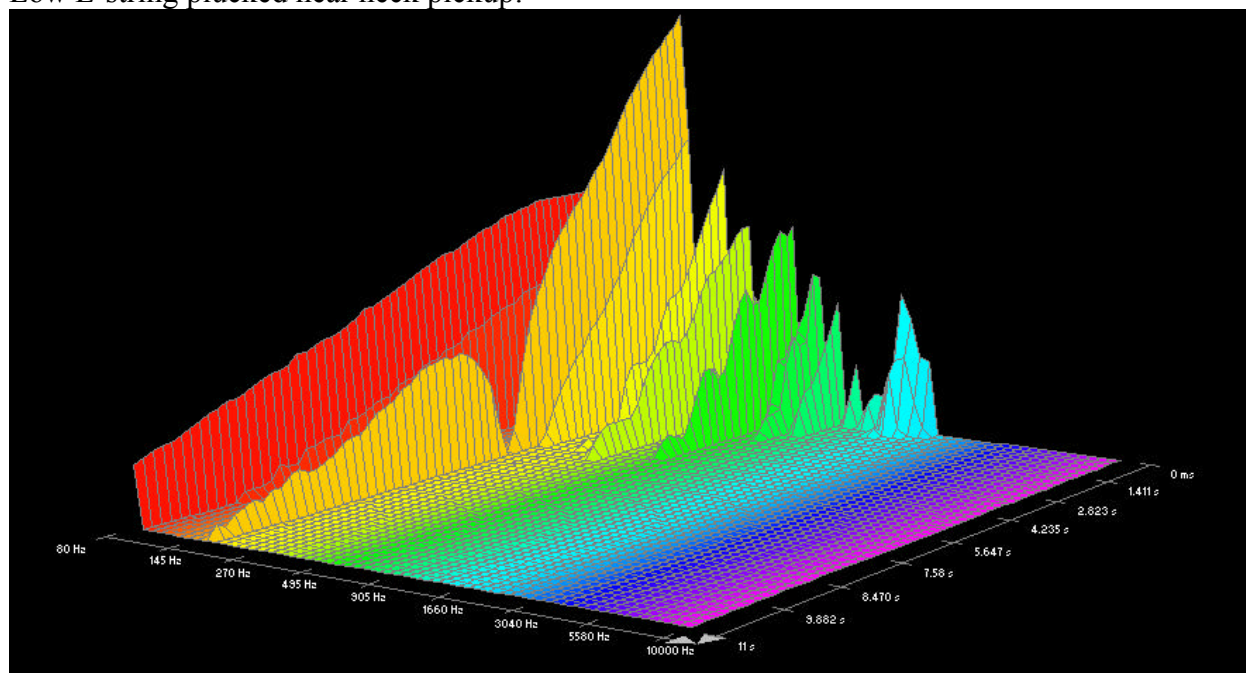
A-string plucked near neck pickup:



Low E-string plucked near bridge pickup:

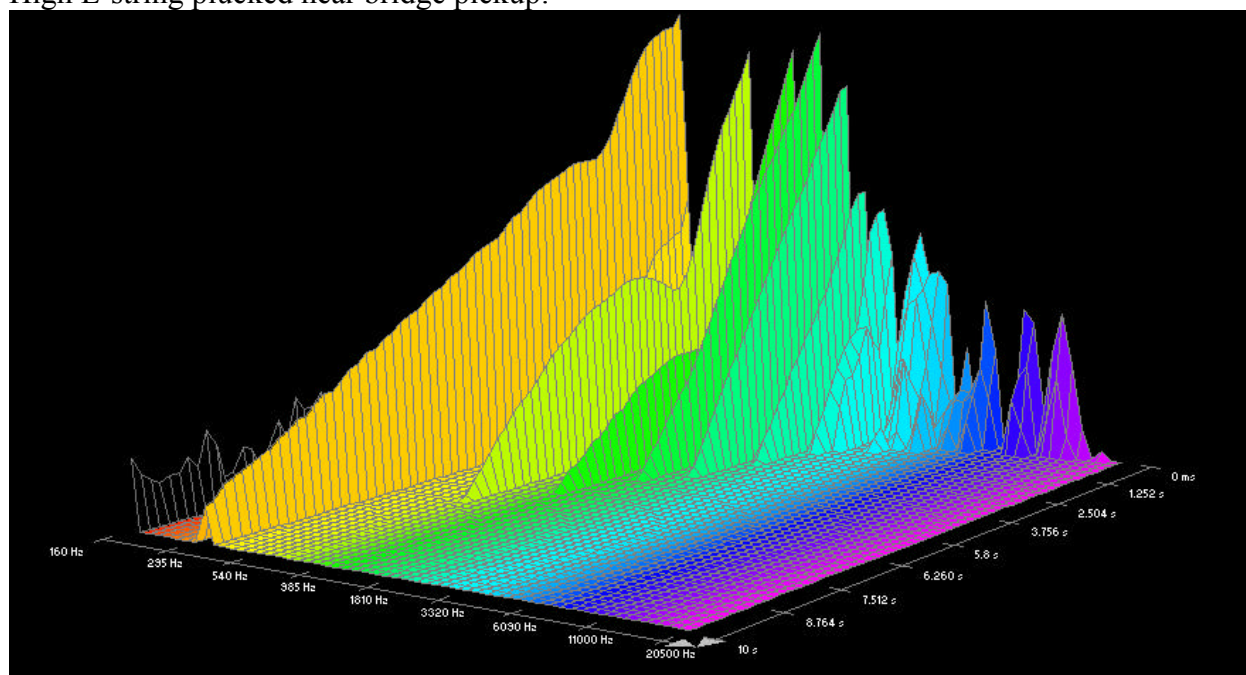


Low E-string plucked near neck pickup:

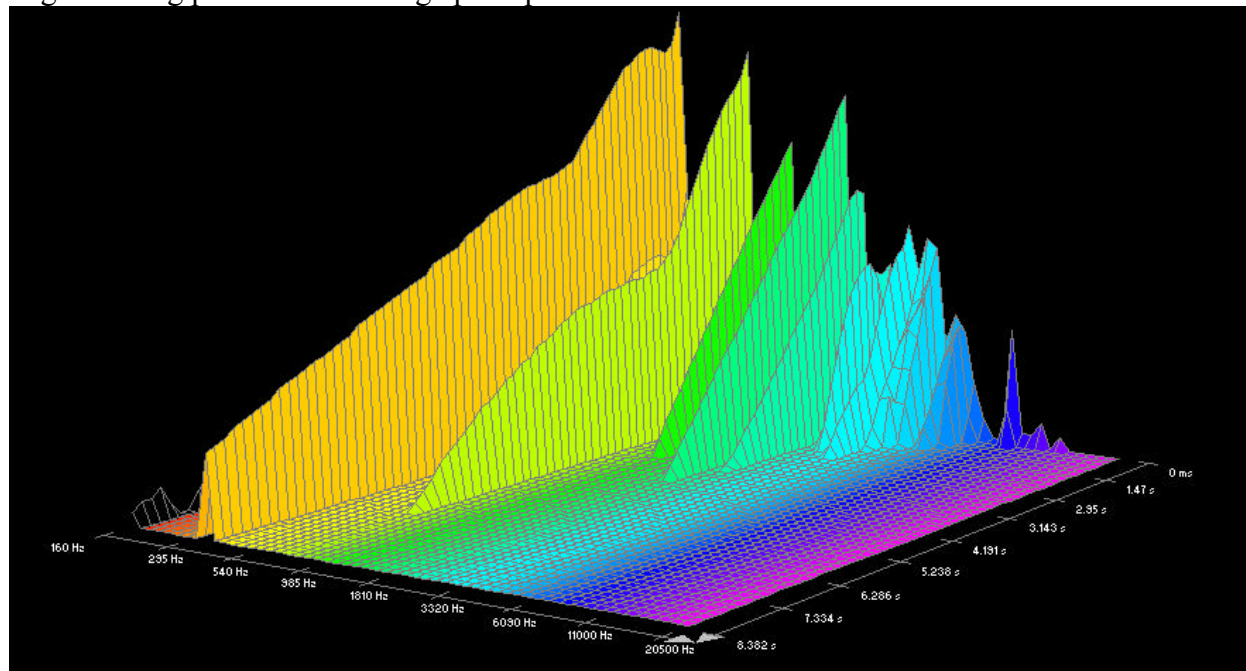


## Martin, SP+ Phosphor Bronze:

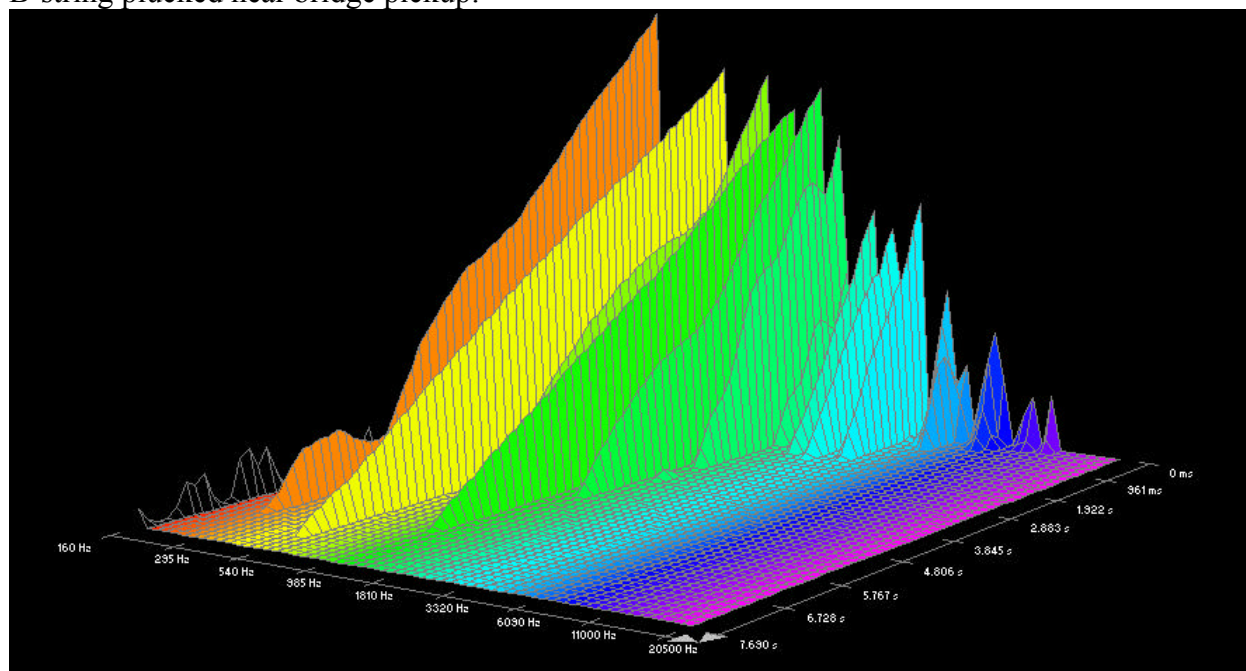
High E-string plucked near bridge pickup:



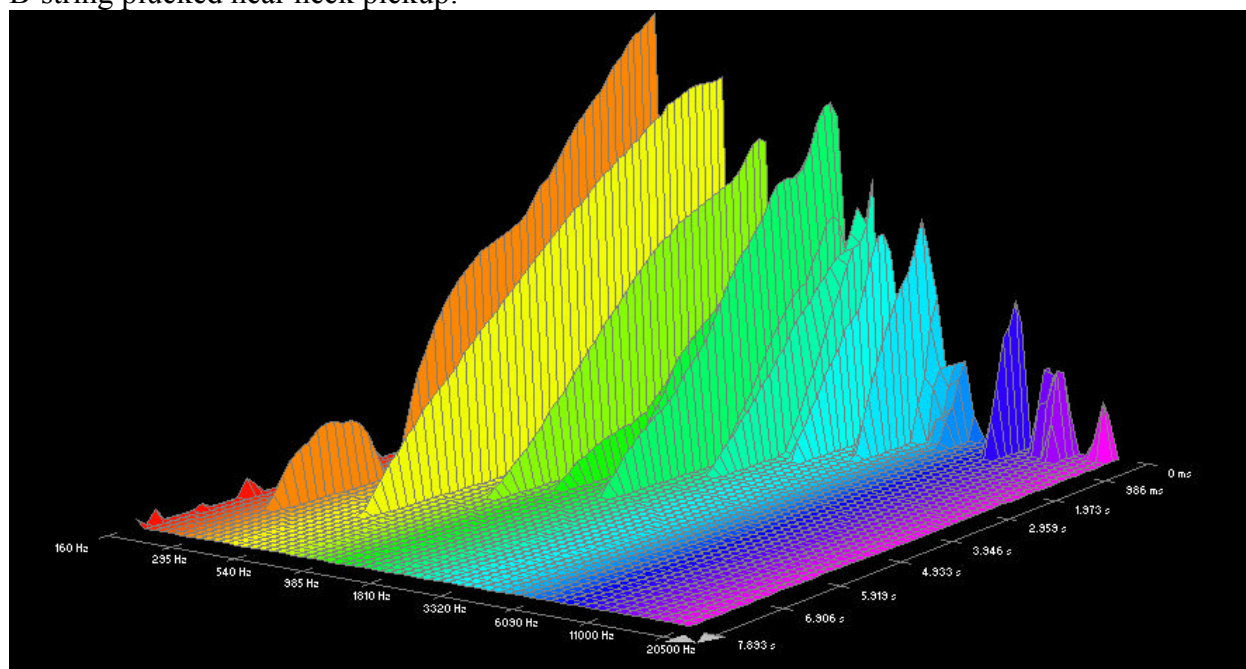
High E-string plucked near bridge pickup:



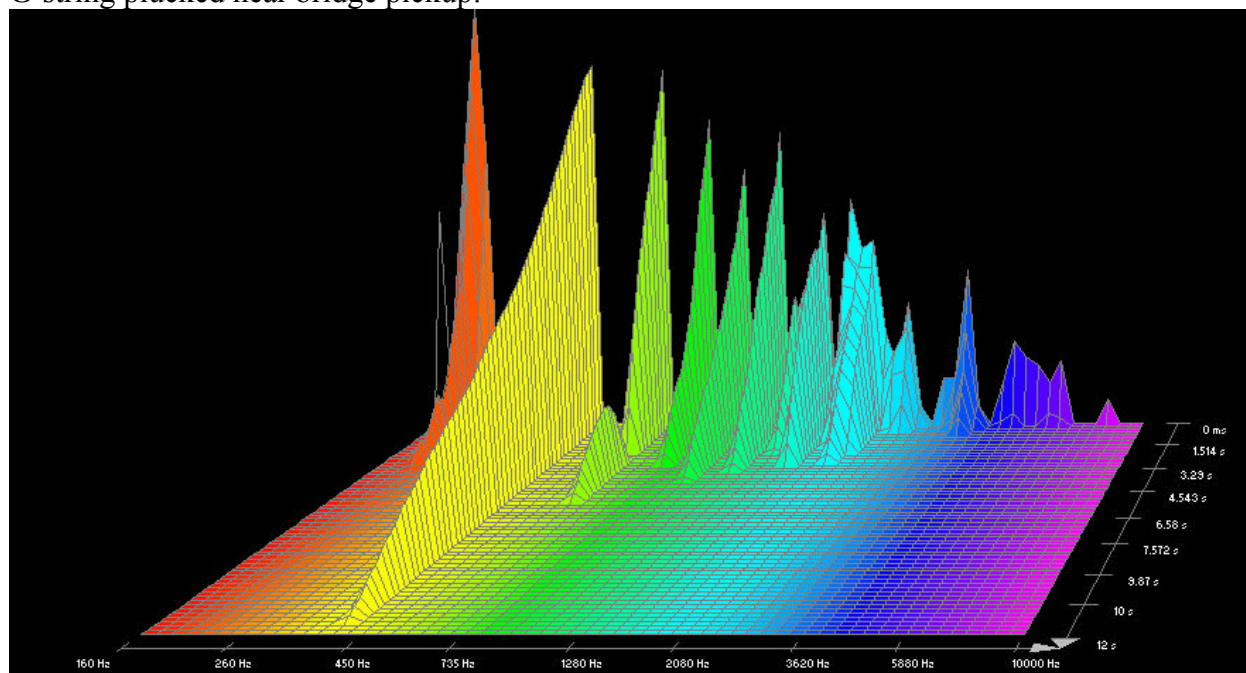
B-string plucked near bridge pickup:



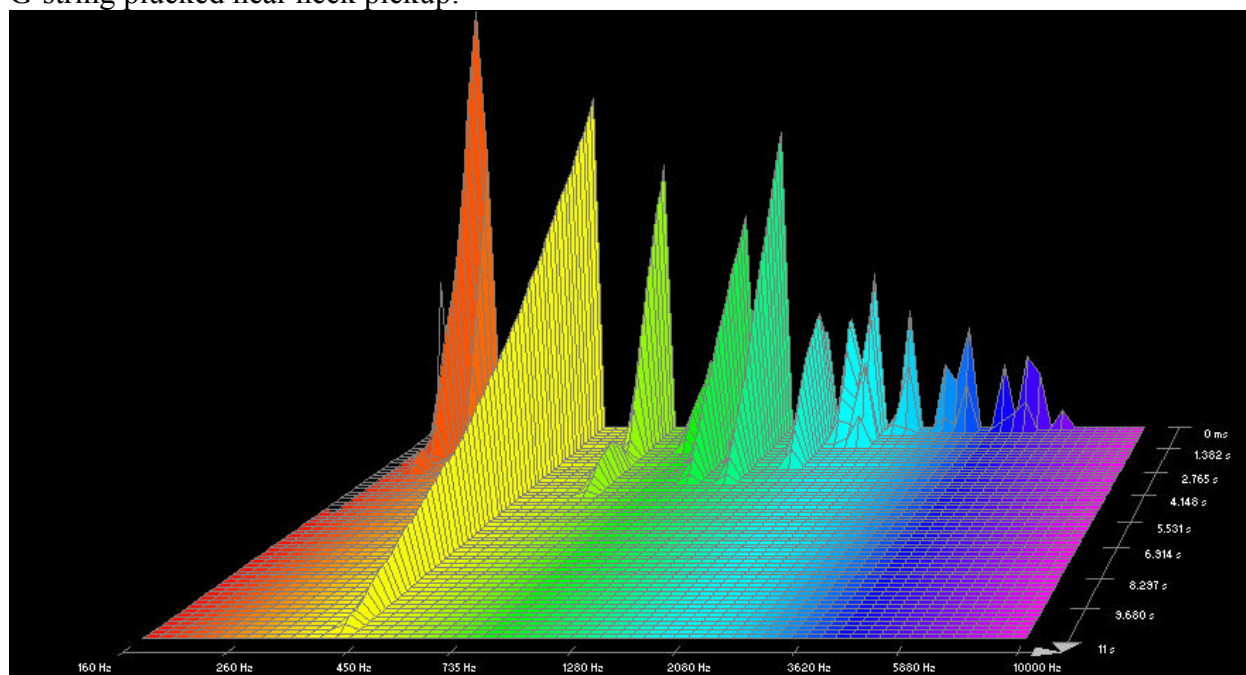
B-string plucked near neck pickup:



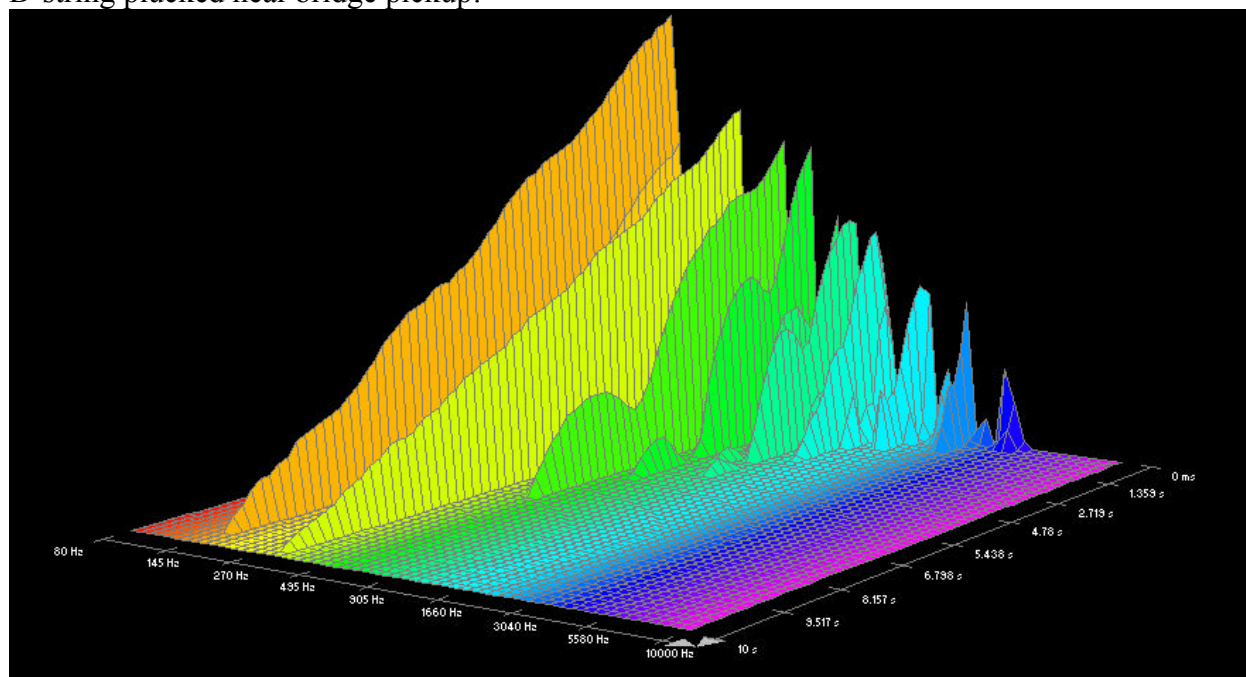
G-string plucked near bridge pickup:



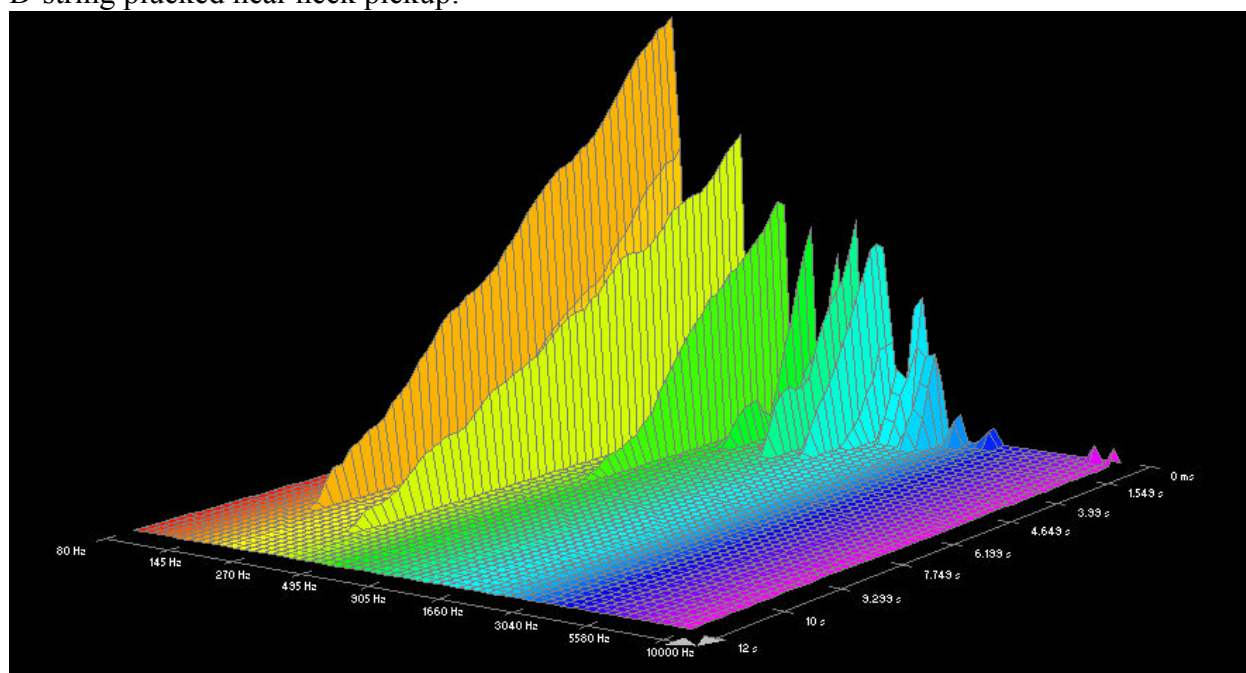
G-string plucked near neck pickup:



D-string plucked near bridge pickup:

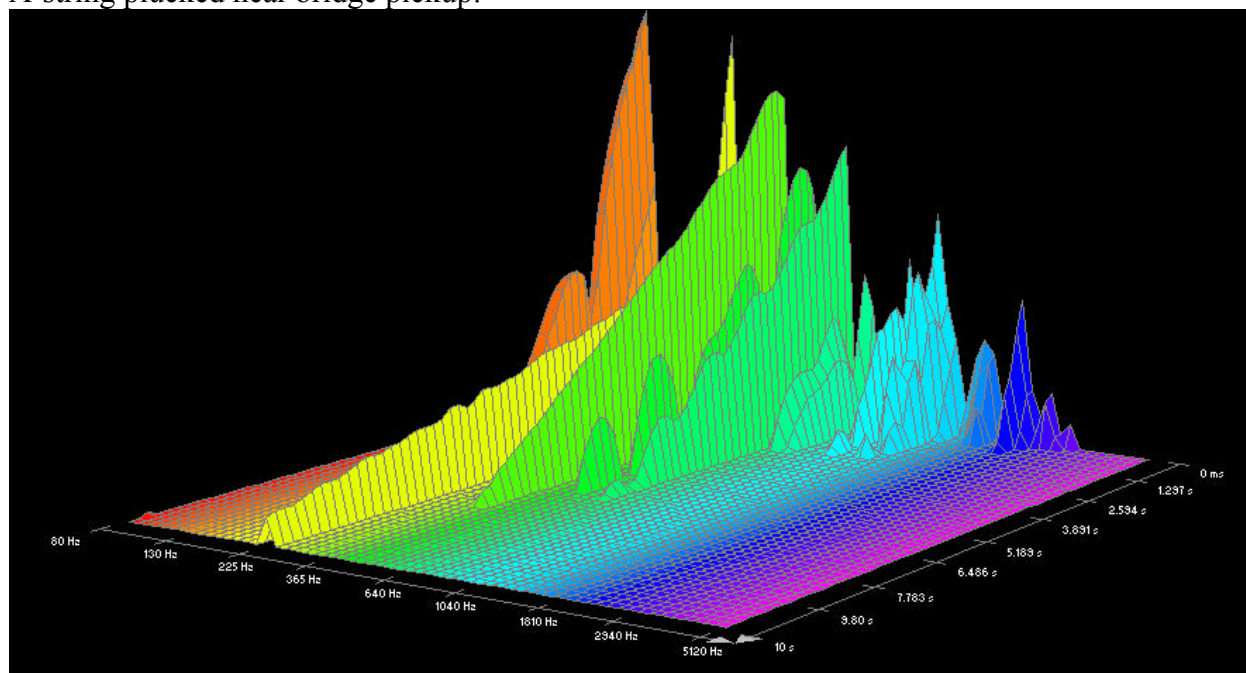


D-string plucked near neck pickup:



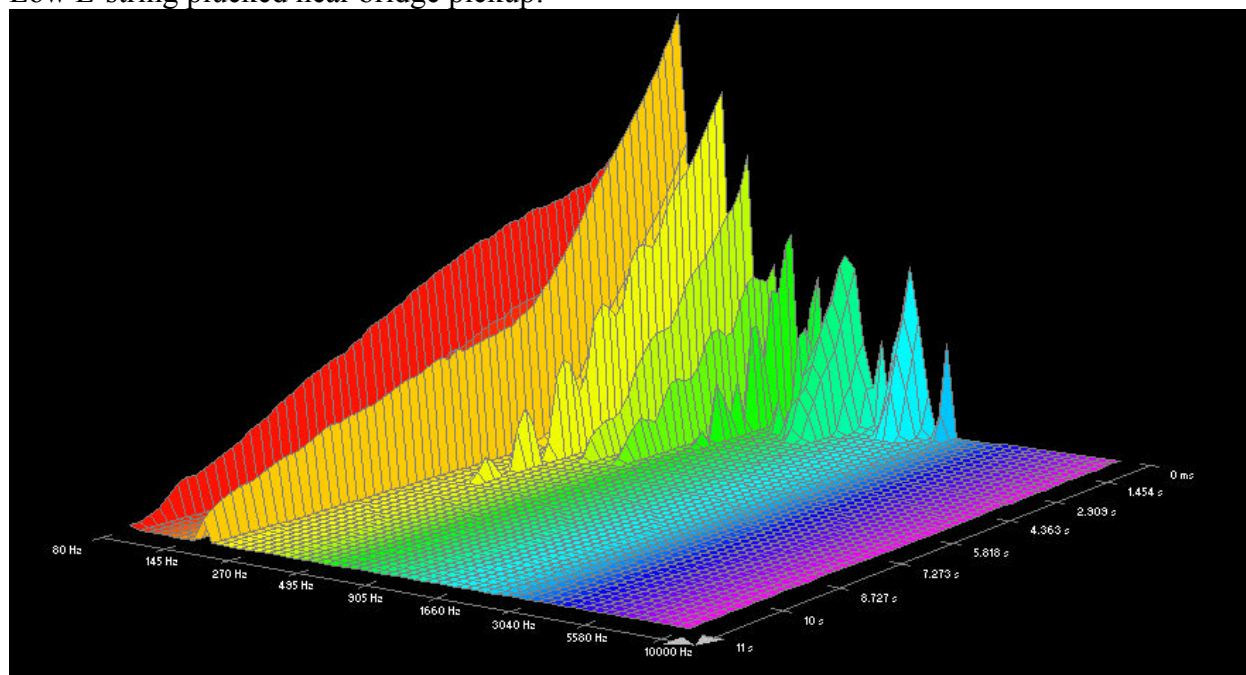


A-string plucked near bridge pickup:



\* note: Data for the A-string plucked near the neck pickup was either damaged or lost.

Low E-string plucked near bridge pickup:



Low E-string plucked near neck pickup:

