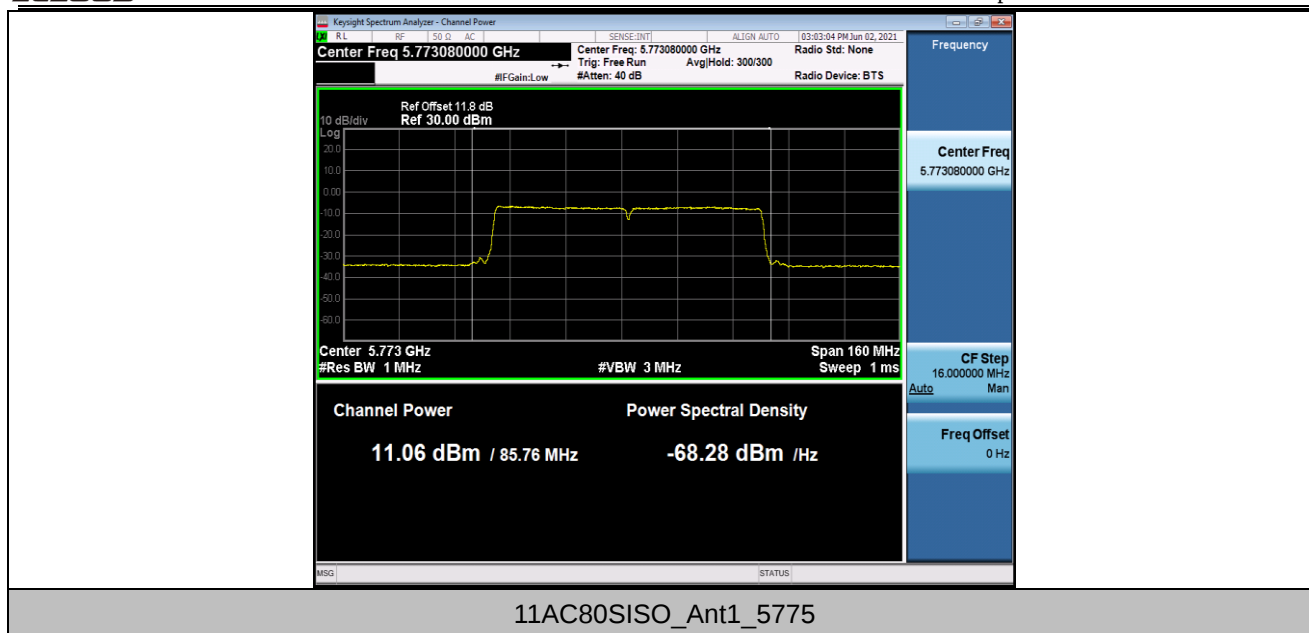




11AC80SISO_Ant1_5775

Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/MHz]	Result [dBm/500kHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	96.36	0.16	5.17	-	<=11	PASS
		5200	96.09	0.17	4.74	-	<=11	PASS
		5240	96.09	0.17	5.16	-	<=11	PASS
		5260	96.09	0.17	5.05	-	<=11	PASS
		5280	96.36	0.16	4.69	-	<=11	PASS
		5320	96.09	0.17	4.62	-	<=11	PASS
		5500	96.36	0.16	4.73	-	<=11	PASS
		5580	96.09	0.17	4.38	-	<=11	PASS
		5700	96.09	0.17	4.45	-	<=11	PASS
		5745	96.36	0.16	1.33	1.24	<=30dBm/500kHz	PASS
		5785	96.09	0.17	-0.32	-0.41	<=30dBm/500kHz	PASS
		5825	96.36	0.16	-1.52	-1.61	<=30dBm/500kHz	PASS
11N20SISO	Ant1	5180	96.37	0.16	3.98	-	<=11	PASS
		5200	96.37	0.16	4.35	-	<=11	PASS
		5240	96.37	0.16	4.93	-	<=11	PASS
		5260	96.08	0.17	3.99	-	<=11	PASS
		5280	95.51	0.20	4.34	-	<=11	PASS
		5320	95.8	0.19	4.49	-	<=11	PASS
		5500	96.08	0.17	3.19	-	<=11	PASS
		5580	95.8	0.19	2.48	-	<=11	PASS
		5700	96.08	0.17	0.91	-	<=11	PASS
		5745	95.8	0.19	-2.69	-2.78	<=30dBm/500kHz	PASS
		5785	95.51	0.20	-4.48	-4.57	<=30dBm/500kHz	PASS
		5825	96.37	0.16	-5.51	-5.60	<=30dBm/500kHz	PASS
11N40SISO	Ant1	5190	94.62	0.24	0.9	-	<=11	PASS

		5230	94.62	0.24	0.95	-	<=11	PASS
		5270	95	0.22	0.8	-	<=11	PASS
		5310	94.62	0.24	1.11	-	<=11	PASS
		5510	94.62	0.24	-0.35	-	<=11	PASS
		5550	95.35	0.21	-1.86	-	<=11	PASS
		5670	95	0.22	-3.08	-	<=11	PASS
		5755	95.35	0.21	-7.04	-7.13	<=30dBm/500kHz	PASS
		5795	94.98	0.22	-8.2	-8.29	<=30dBm/500kHz	PASS
11AC20SISO	Ant1	5180	98.07	0.08	4.09	-	<=11	PASS
		5200	97.88	0.09	4.04	-	<=11	PASS
		5240	97.88	0.09	4.42	-	<=11	PASS
		5260	97.88	0.09	4.34	-	<=11	PASS
		5280	97.88	0.09	4.6	-	<=11	PASS
		5320	97.88	0.09	4.89	-	<=11	PASS
		5500	97.88	0.09	3.1	-	<=11	PASS
		5580	97.88	0.09	2.12	-	<=11	PASS
		5700	97.51	0.11	0.79	-	<=11	PASS
		5745	97.88	0.09	-3.16	-3.25	<=30dBm/500kHz	PASS
		5785	92.21	0.35	-4.75	-4.84	<=30dBm/500kHz	PASS
		5825	97.88	0.09	-5.73	-5.82	<=30dBm/500kHz	PASS
11AC40SISO	Ant1	5190	95	0.22	0.6	-	<=11	PASS
		5230	94.25	0.26	1.42	-	<=11	PASS
		5270	95.37	0.21	1.1	-	<=11	PASS
		5310	94.62	0.24	0.42	-	<=11	PASS
		5510	95.35	0.21	-1.1	-	<=11	PASS
		5550	94.62	0.24	-1.42	-	<=11	PASS
		5670	75	1.25	-1.98	-	<=11	PASS
		5755	71.43	1.46	-6.01	-6.10	<=30dBm/500kHz	PASS
		5795	71.43	1.46	-7.29	-7.38	<=30dBm/500kHz	PASS
11AC80SISO	Ant1	5210	82.19	0.85	-4.95	-	<=11	PASS

		5290	84.51	0.73	-4.13	-	<=11	PASS
		5530	82.19	0.85	-4.94	-	<=11	PASS
		5610	82.19	0.85	-6.8	-	<=11	PASS
		5775	83.33	0.79	-13.19	-13.28	<=30dBm/500kHz	PASS

Note: For U-NII-3

The limit is calculated using the following formula to calculate 30dBm/500kHz:

PSD=Read Value+Duty cycle correction factor+10 log (500 kHz/RBW)

Test Graphs



11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



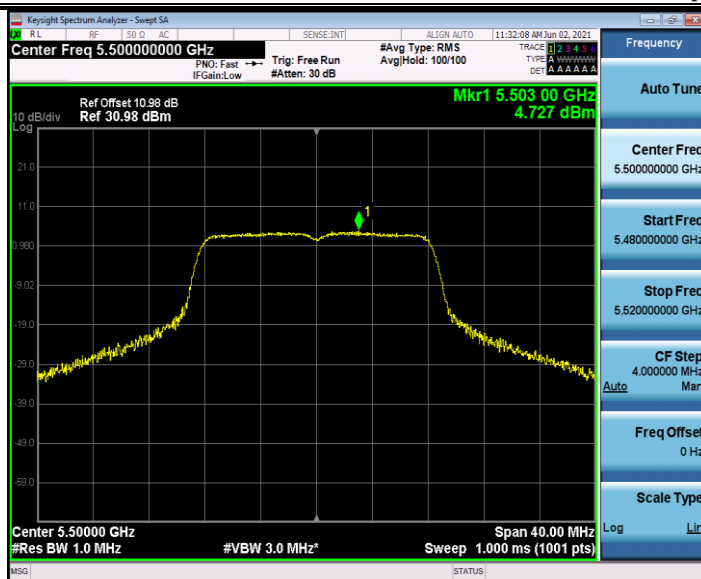
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11A_Ant1_5280



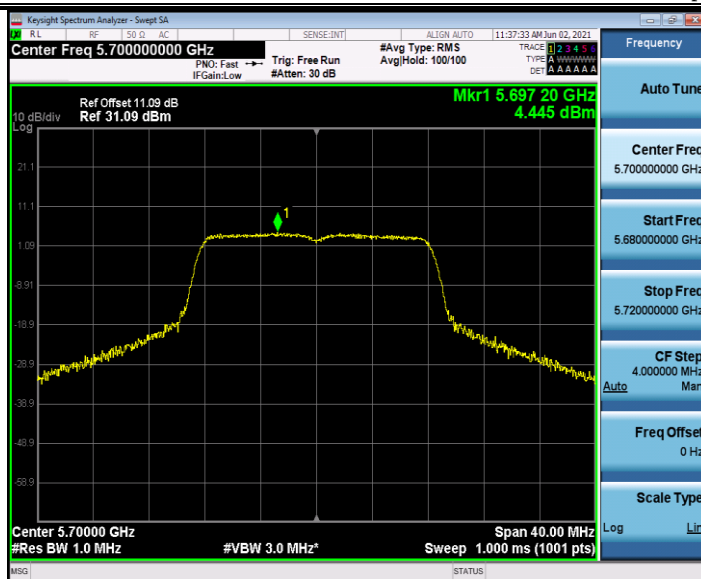
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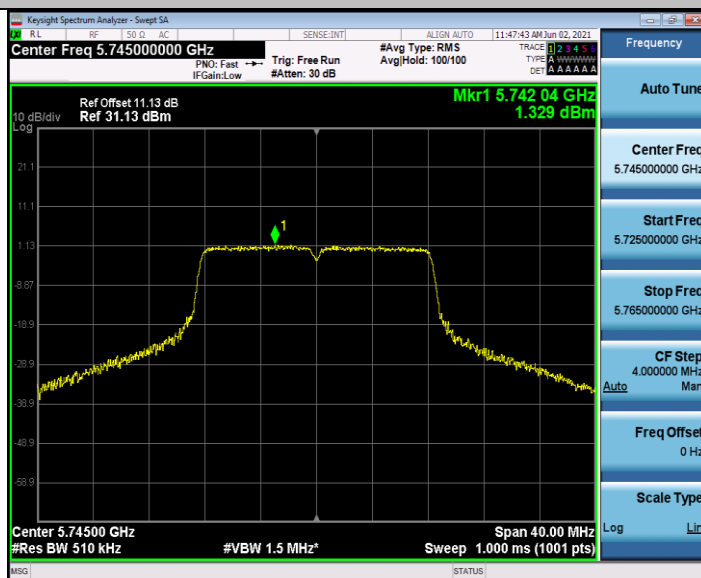
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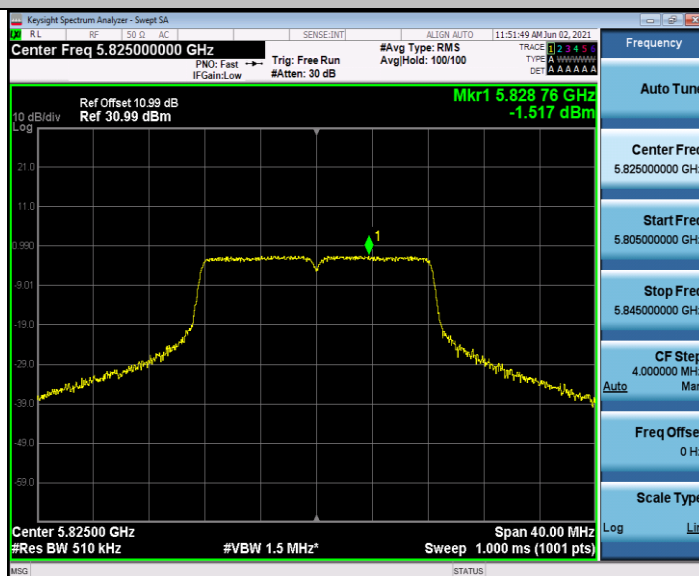
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11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



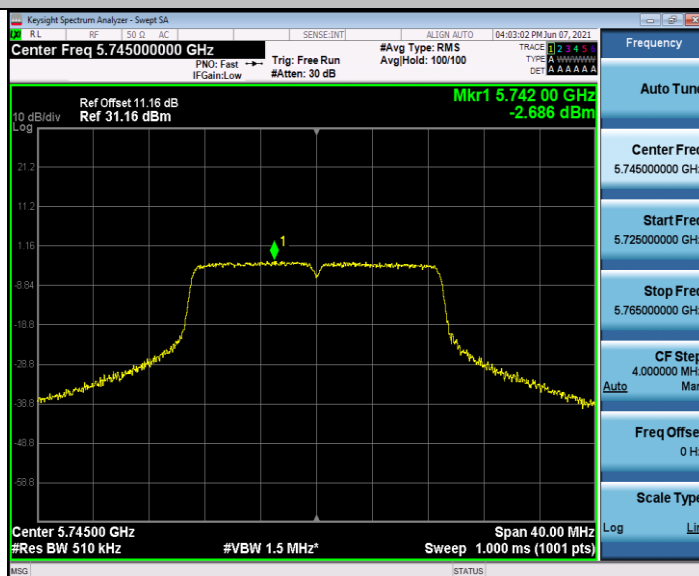
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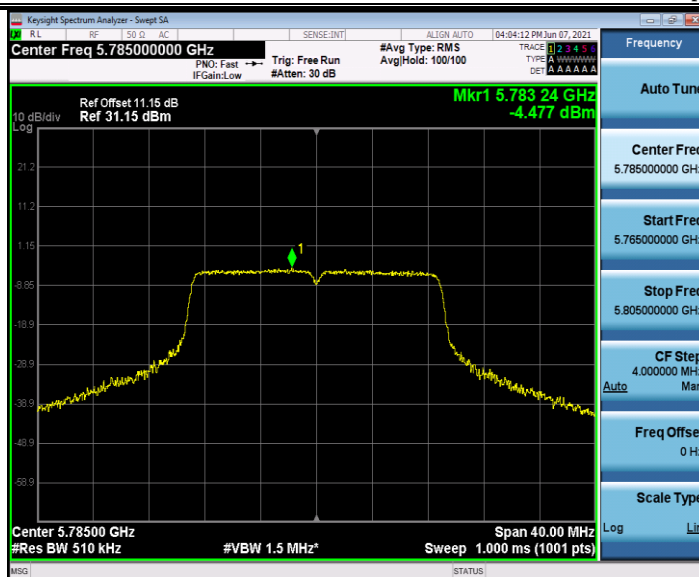
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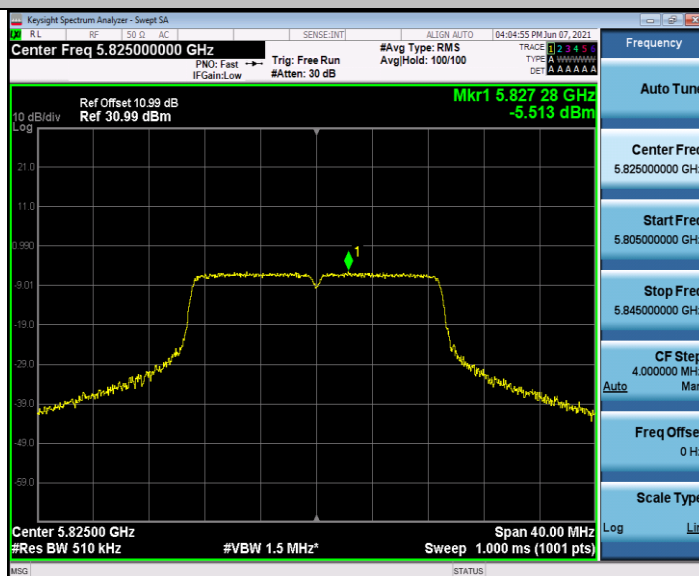
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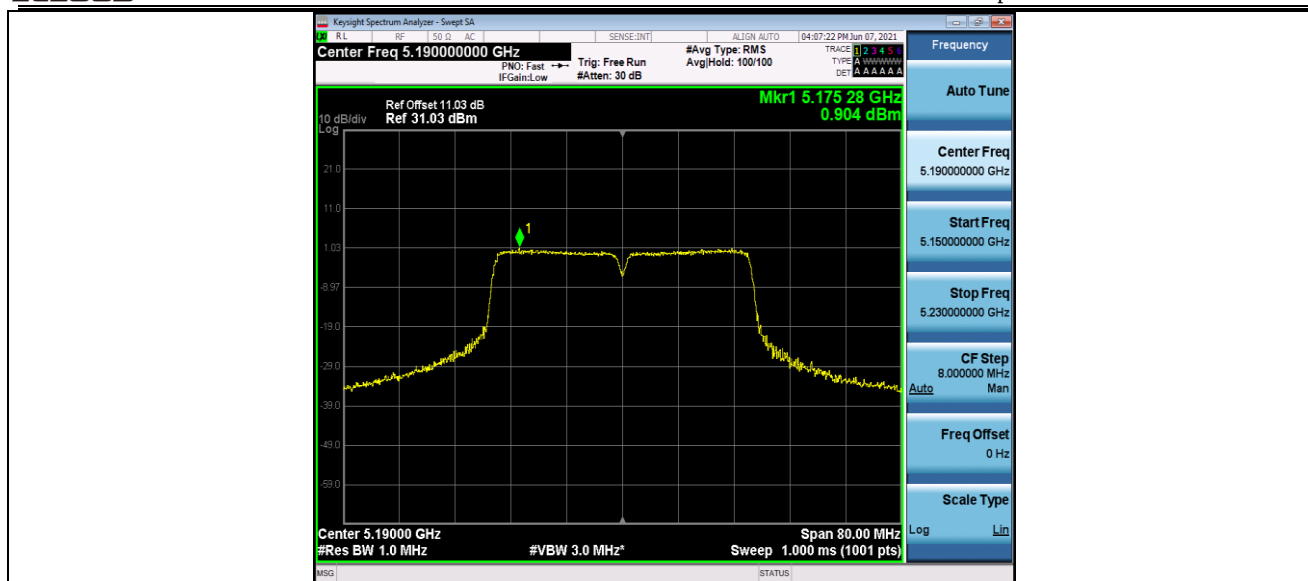
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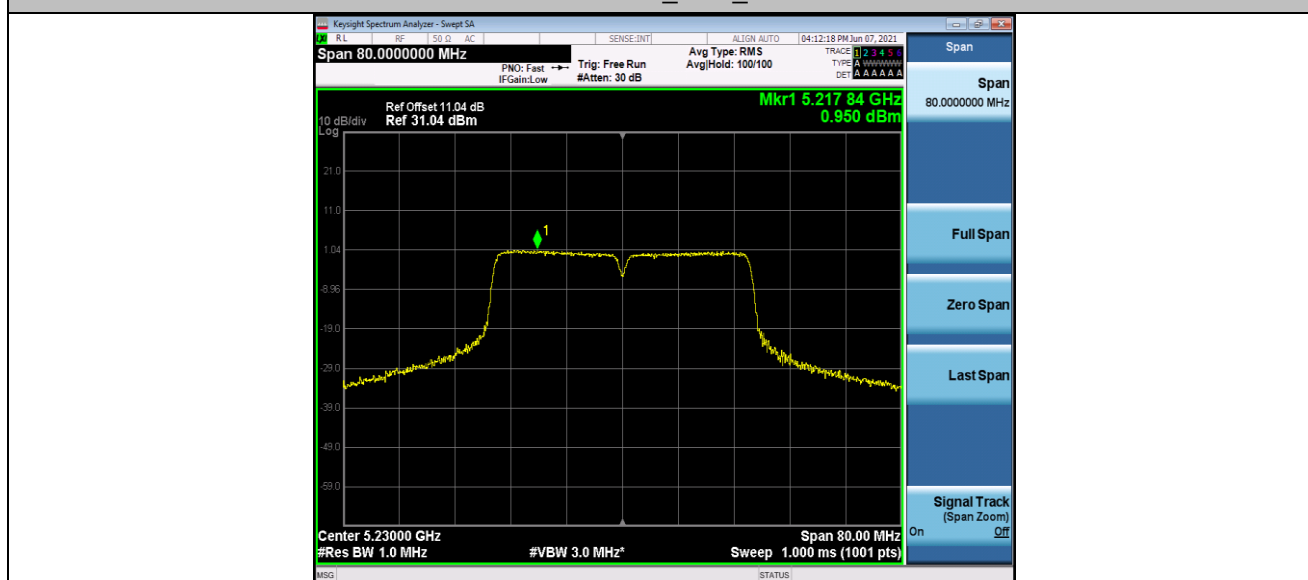
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



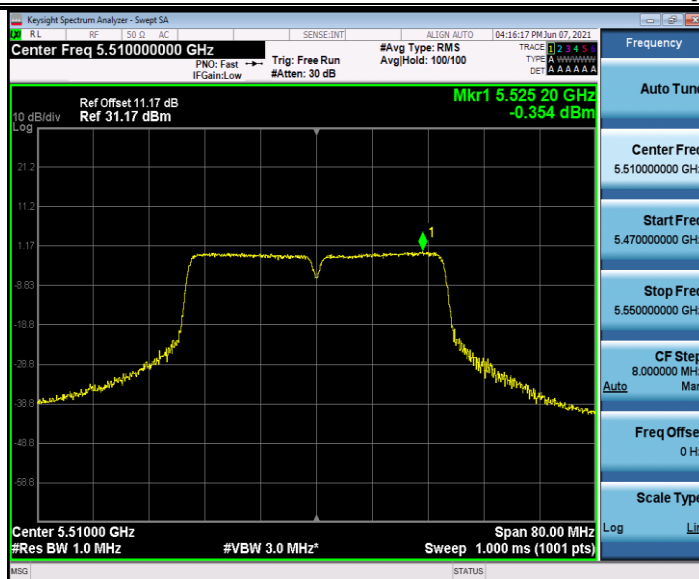
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11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



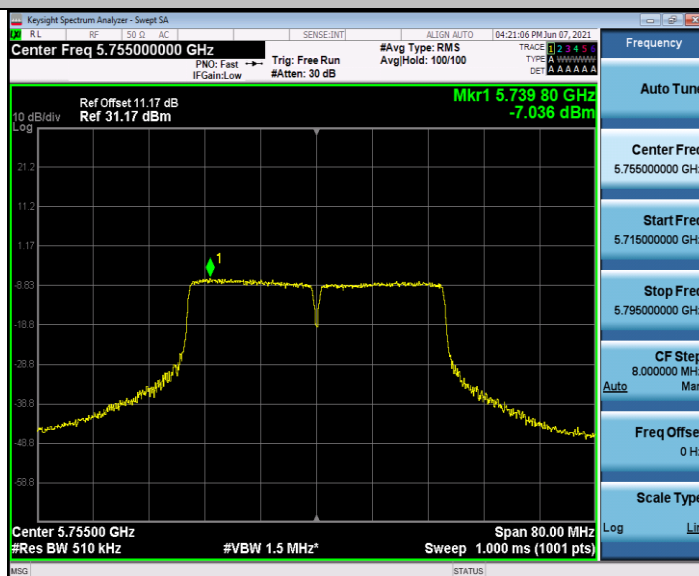
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11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



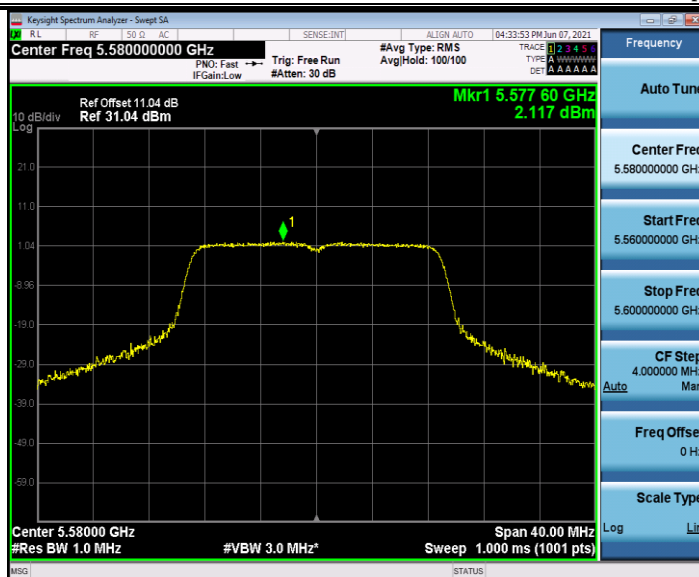
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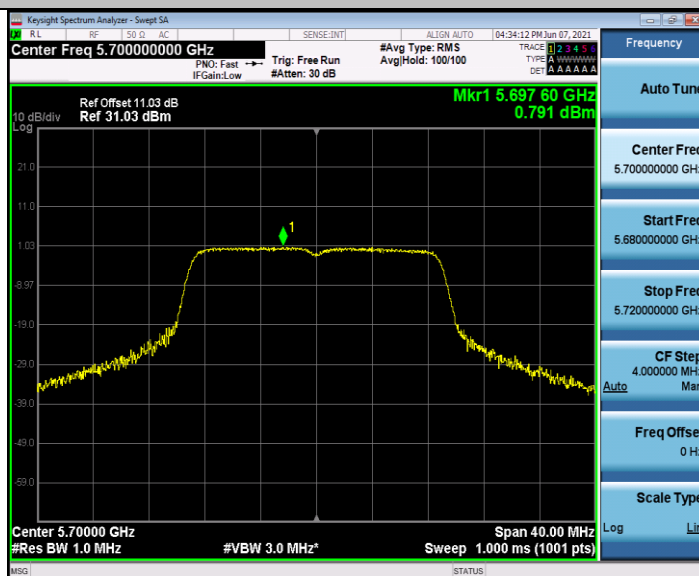
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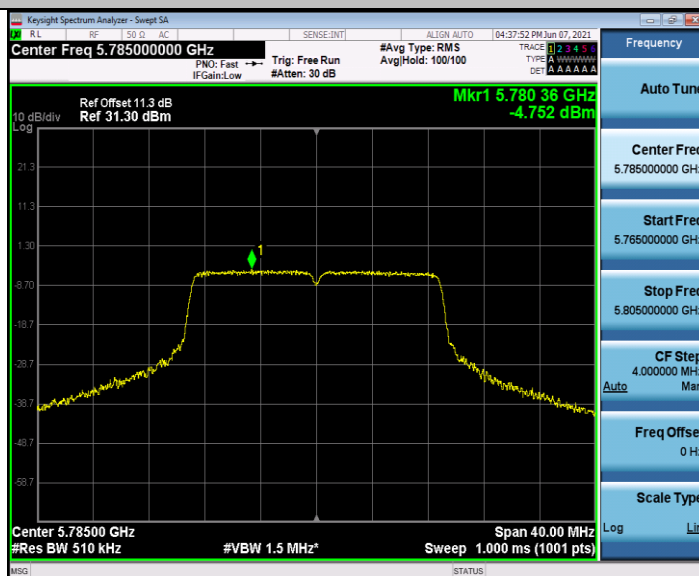
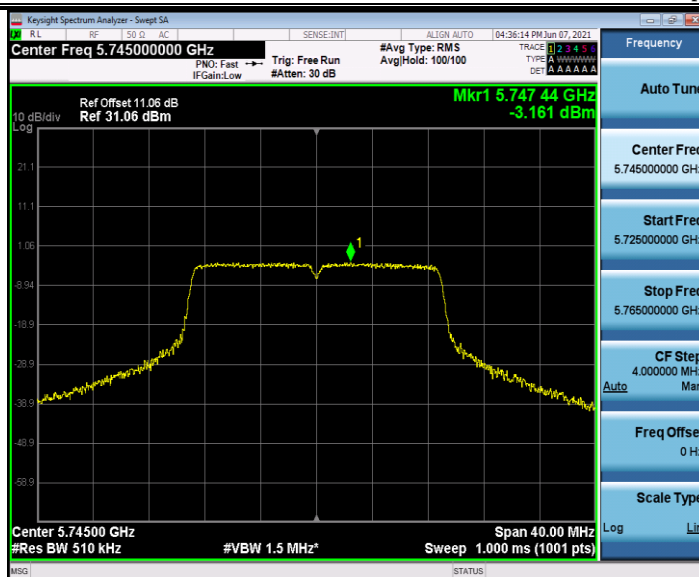
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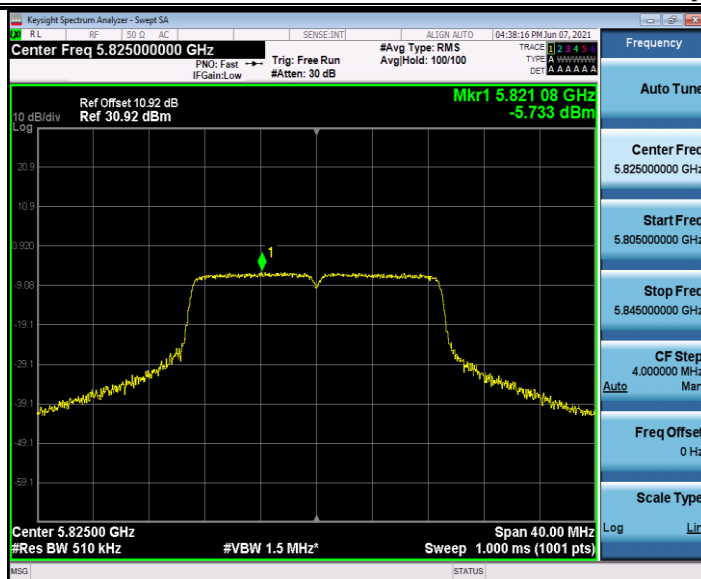


11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700

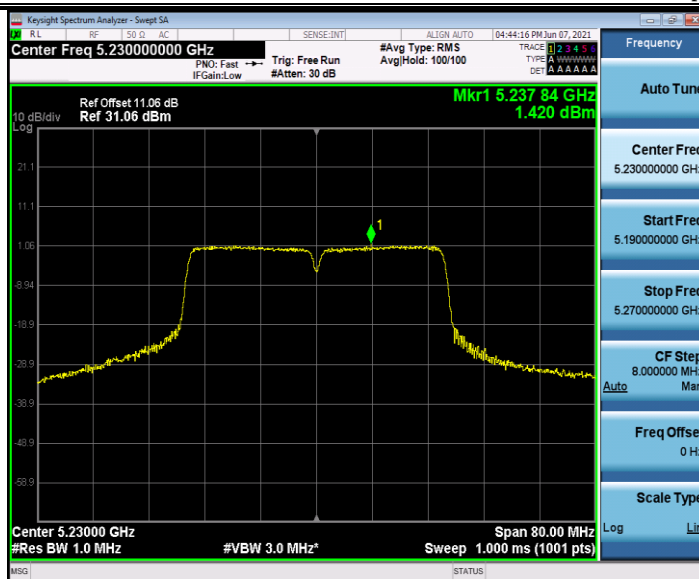




11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



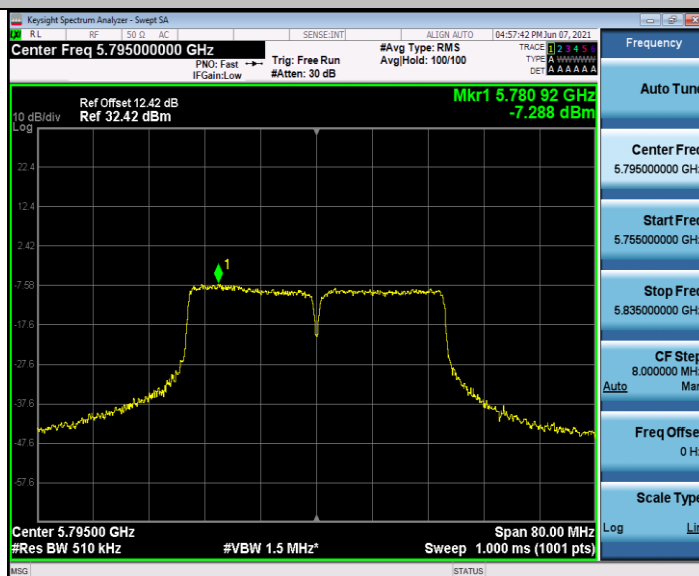
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290