

Appendix D: Maximum power spectral density

Test Result B1

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.15	≤11.00	PASS
	Ant2	5180	3.1	≤11.00	PASS
	Ant1	5200	3.11	≤11.00	PASS
	Ant2	5200	3.89	≤11.00	PASS
	Ant1	5240	2.64	≤11.00	PASS
	Ant2	5240	3.42	≤11.00	PASS
11N20SISO	Ant1	5180	0.97	≤11.00	PASS
	Ant2	5180	2.03	≤11.00	PASS
	Ant1	5200	2.15	≤11.00	PASS
	Ant2	5200	2.43	≤11.00	PASS
	Ant1	5240	1.38	≤11.00	PASS
	Ant2	5240	1.98	≤11.00	PASS
11N40SISO	Ant1	5190	-0.63	≤11.00	PASS
	Ant2	5190	-0.21	≤11.00	PASS
	Ant1	5230	-0.45	≤11.00	PASS
	Ant2	5230	0.01	≤11.00	PASS
11AC20SISO	Ant1	5180	-0.57	≤11.00	PASS
	Ant2	5180	0.39	≤11.00	PASS
	Ant1	5200	0.29	≤11.00	PASS
	Ant2	5200	0.76	≤11.00	PASS
	Ant1	5240	-0.1	≤11.00	PASS
	Ant2	5240	-0.07	≤11.00	PASS
11AC40SISO	Ant1	5190	-5.81	≤11.00	PASS
	Ant2	5190	-5	≤11.00	PASS
	Ant1	5230	-5.36	≤11.00	PASS
	Ant2	5230	-4.77	≤11.00	PASS
11AC80SISO	Ant1	5210	-8.2	≤11.00	PASS
	Ant2	5210	-8.08	≤11.00	PASS
11AX20SISO	Ant1	5180	-2.44	≤11.00	PASS
	Ant2	5180	-1.07	≤11.00	PASS
	Ant1	5200	-1.39	≤11.00	PASS
	Ant2	5200	-0.15	≤11.00	PASS
	Ant1	5240	-1.61	≤11.00	PASS
	Ant2	5240	-0.79	≤11.00	PASS
11AX40SISO	Ant1	5190	-6.13	≤11.00	PASS
	Ant2	5190	-6.21	≤11.00	PASS
	Ant1	5230	-6.51	≤11.00	PASS
	Ant2	5230	-5.44	≤11.00	PASS

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11AX80SISO	Ant1	5210	-8.64	≤11.00	PASS
	Ant2	5210	-8.25	≤11.00	PASS

MIMO:

Test Condition	TestMode	Channel	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
NTNV	11N20MIMO	5180	4.543	≤11	PASS
		5200	5.303	≤11	PASS
		5240	4.701	≤11	PASS
	11N40MIMO	5190	2.595	≤11	PASS
		5230	2.796	≤11	PASS
	11AC20 MIMO	5180	2.947	≤11	PASS
		5200	3.542	≤11	PASS
		5240	2.925	≤11	PASS
	11AC40 MIMO	5190	-2.376	≤11	PASS
		5230	-2.045	≤11	PASS
	11AC80 MIMO	5210	-5.129	≤11	PASS
	11AX20 MIMO	5180	1.309	≤11	PASS
		5200	2.284	≤11	PASS
		5240	1.830	≤11	PASS
	11AX40 MIMO	5190	-3.160	≤11	PASS
		5230	-2.932	≤11	PASS
	11AX80 MIMO	5210	-5.430	≤11	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.



Test Result B4

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	0.65	≤30.00	PASS
	Ant2	5745	0.28	≤30.00	PASS
	Ant1	5785	0.79	≤30.00	PASS
	Ant2	5785	0.76	≤30.00	PASS
	Ant1	5825	0.15	≤30.00	PASS
	Ant2	5825	0.97	≤30.00	PASS
11N20SISO	Ant1	5745	-0.11	≤30.00	PASS
	Ant2	5745	-0.5	≤30.00	PASS
	Ant1	5785	0.28	≤30.00	PASS
	Ant2	5785	0.07	≤30.00	PASS
	Ant1	5825	-0.42	≤30.00	PASS
	Ant2	5825	-0.43	≤30.00	PASS
11N40SISO	Ant1	5755	-1.74	≤30.00	PASS
	Ant2	5755	-2.04	≤30.00	PASS
	Ant1	5795	-1.24	≤30.00	PASS
	Ant2	5795	-0.76	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.2	≤30.00	PASS
	Ant2	5745	-2.89	≤30.00	PASS
	Ant1	5785	-2.75	≤30.00	PASS
	Ant2	5785	-2.55	≤30.00	PASS
	Ant1	5825	-3.35	≤30.00	PASS
	Ant2	5825	-2.75	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.39	≤30.00	PASS
	Ant2	5755	-6.63	≤30.00	PASS
	Ant1	5795	-6.5	≤30.00	PASS
	Ant2	5795	-6.43	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.04	≤30.00	PASS
	Ant2	5775	-9.08	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.82	≤30.00	PASS
	Ant2	5745	-4.11	≤30.00	PASS
	Ant1	5785	-3.66	≤30.00	PASS
	Ant2	5785	-3.66	≤30.00	PASS
	Ant1	5825	-3.82	≤30.00	PASS
	Ant2	5825	-4.12	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.06	≤30.00	PASS
	Ant2	5755	-7.98	≤30.00	PASS
	Ant1	5795	-7.93	≤30.00	PASS
	Ant2	5795	-7.45	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.76	≤30.00	PASS

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	Ant2	5775	-10.89	≤30.00	PASS
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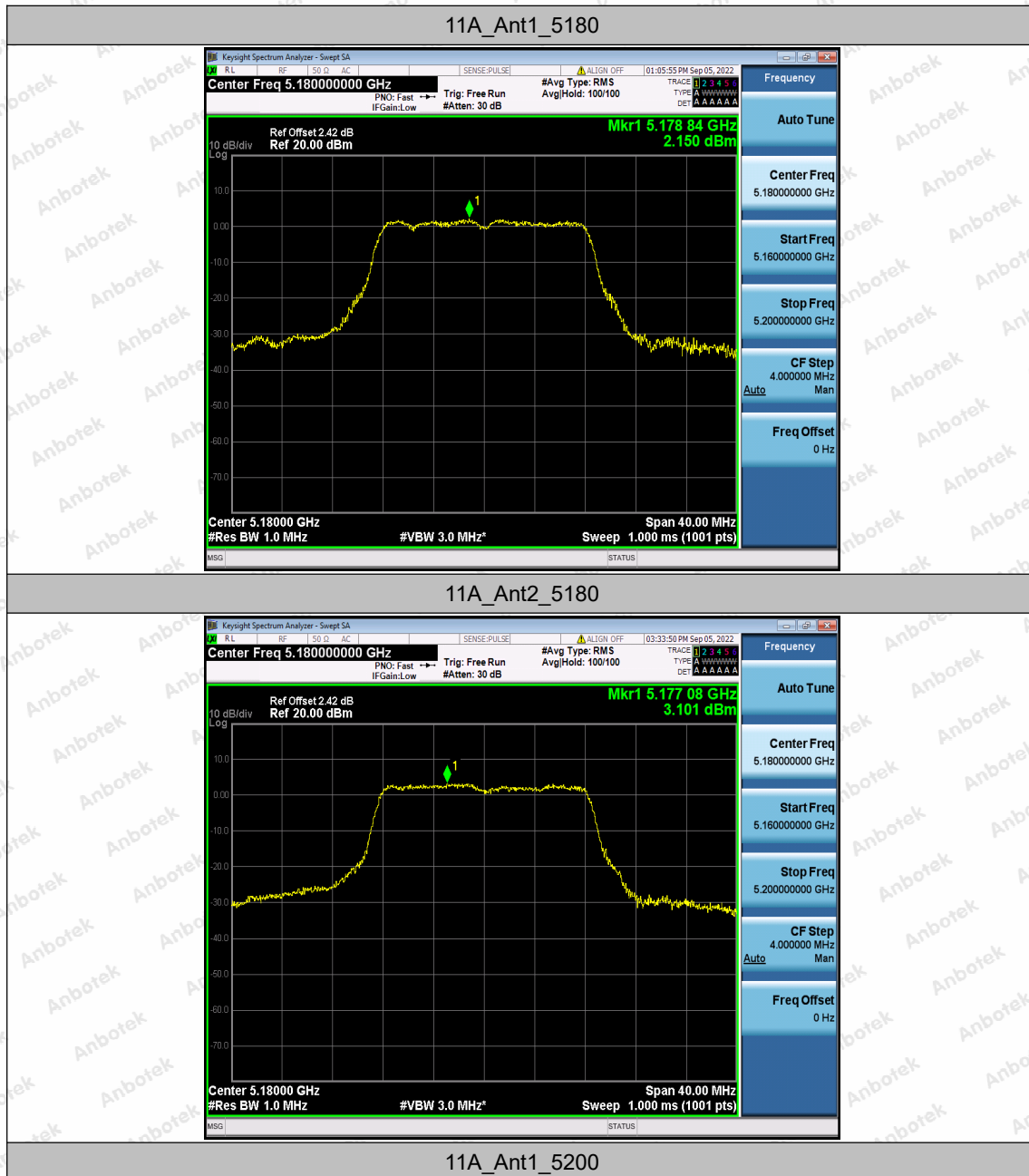
MIMO:

Test Condition	TestMode	Channel	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
NTNV	11N20MIMO	5745	2.710	≤30	PASS
		5785	3.187	≤30	PASS
		5825	2.585	≤30	PASS
	11N40MIMO	5755	1.123	≤30	PASS
		5795	2.017	≤30	PASS
	11AC20 MIMO	5745	-0.032	≤30	PASS
		5785	0.361	≤30	PASS
		5825	-0.029	≤30	PASS
	11AC40 MIMO	5755	-3.498	≤30	PASS
		5795	-3.455	≤30	PASS
	11AC80 MIMO	5775	-6.050	≤30	PASS
	11AX20 MIMO	5745	-0.952	≤30	PASS
		5785	-0.650	≤30	PASS
		5825	-0.957	≤30	PASS
	11AX40 MIMO	5755	-5.010	≤30	PASS
		5795	-4.673	≤30	PASS
	11AX80 MIMO	5775	-7.814	≤30	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.



Test Graphs B1



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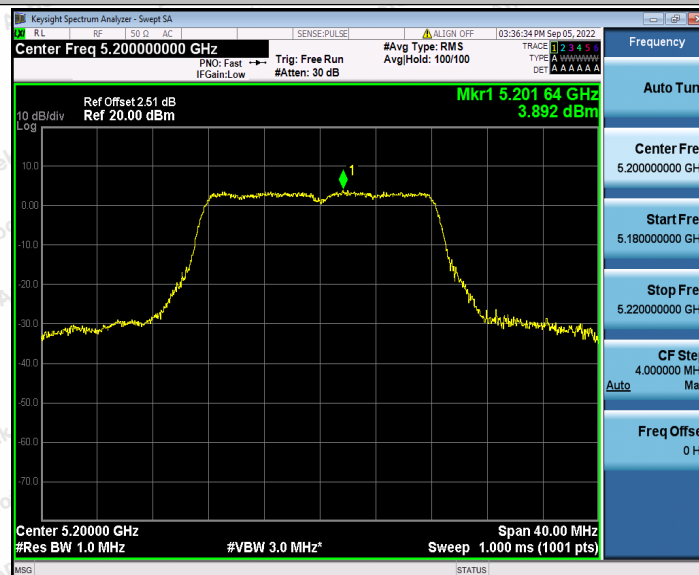


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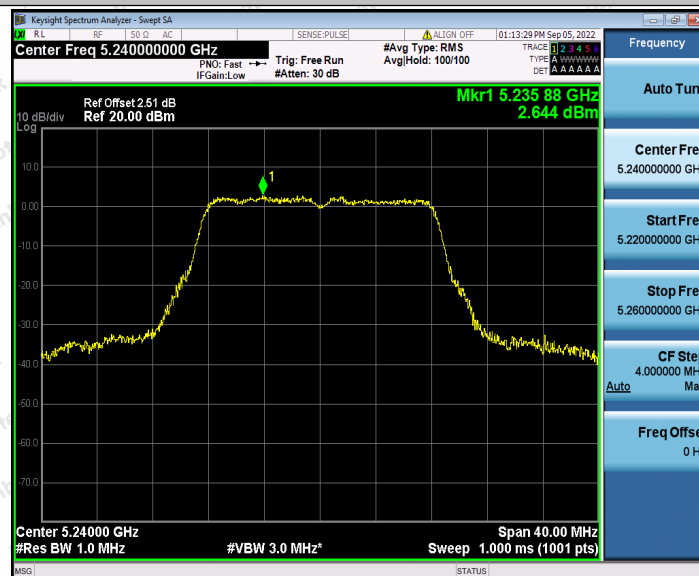




11A_Ant2_5200



11A_Ant1_5240



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11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

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11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

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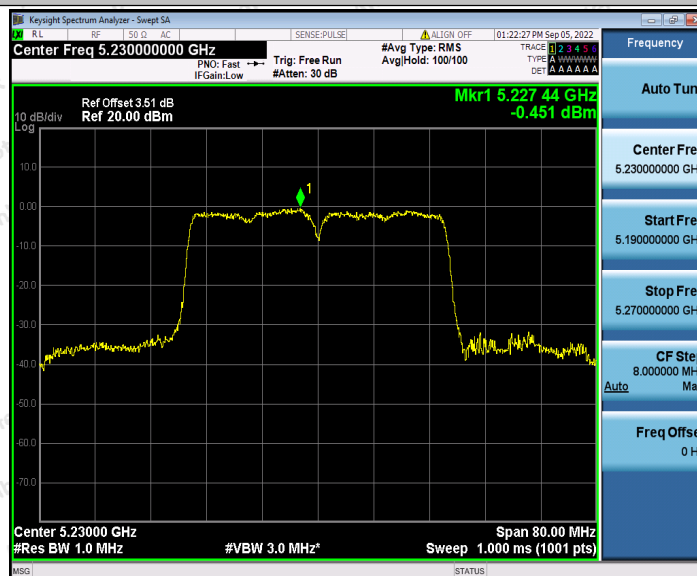




11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



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11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

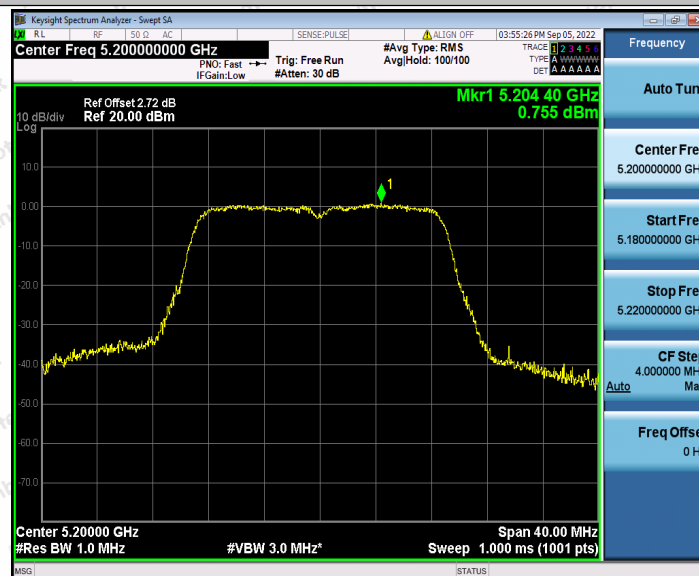
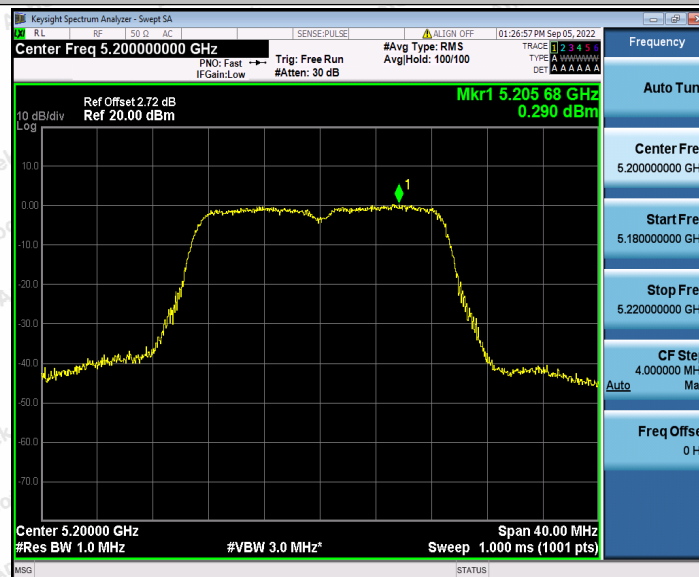
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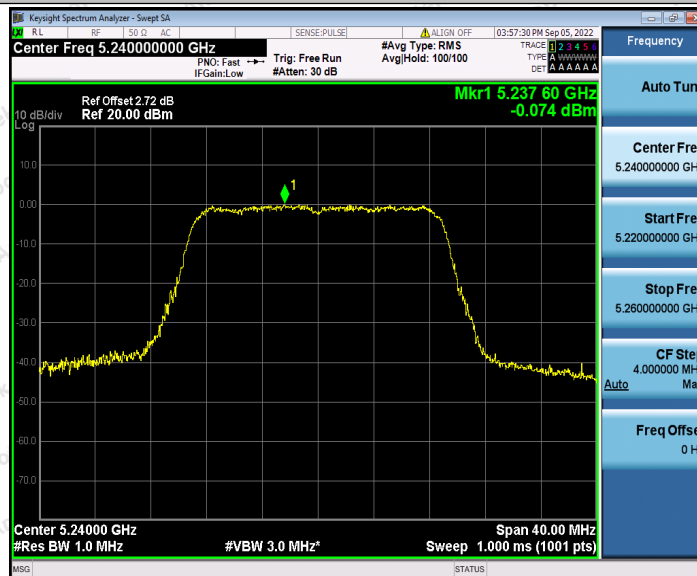
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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC40SISO_Ant1_5190

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11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230

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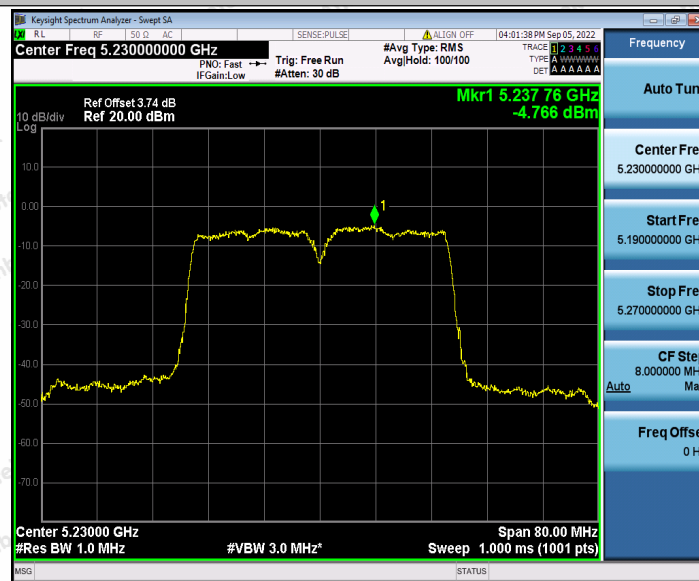
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11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210

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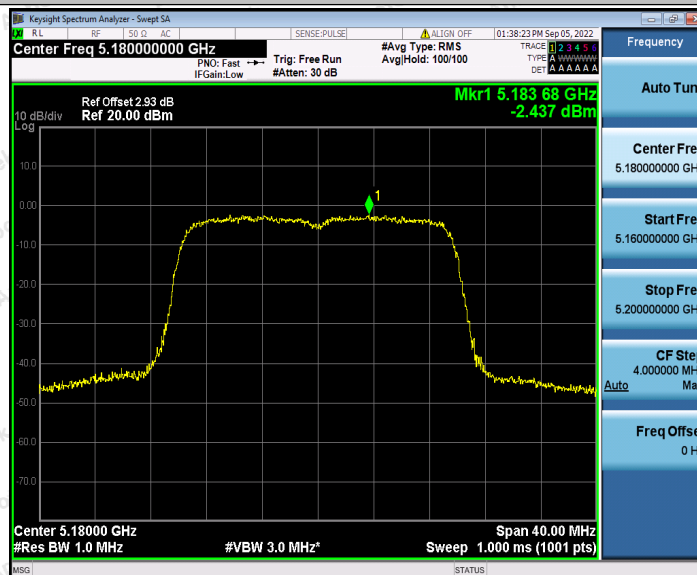


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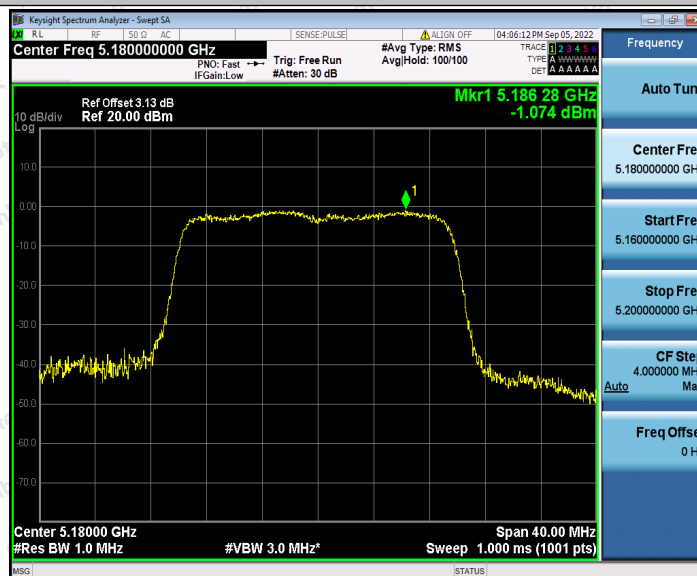




11AX20SISO_Ant1_5180



11AX20SISO_Ant2_5180



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11AX20SISO_Ant1_5200



11AX20SISO_Ant2_5200



11AX20SISO_Ant1_5240

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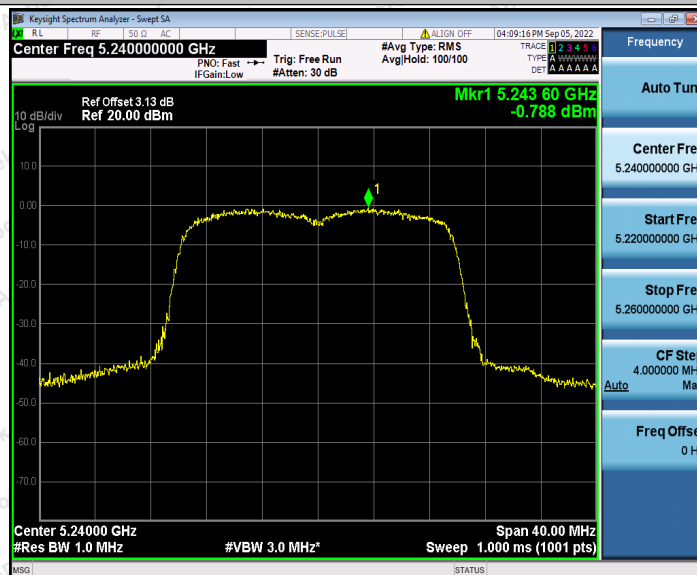


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11AX20SISO_Ant2_5240



11AX40SISO_Ant1_5190



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11AX40SISO_Ant2_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant2_5230

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11AX80SISO_Ant1_5210



11AX80SISO_Ant2_5210



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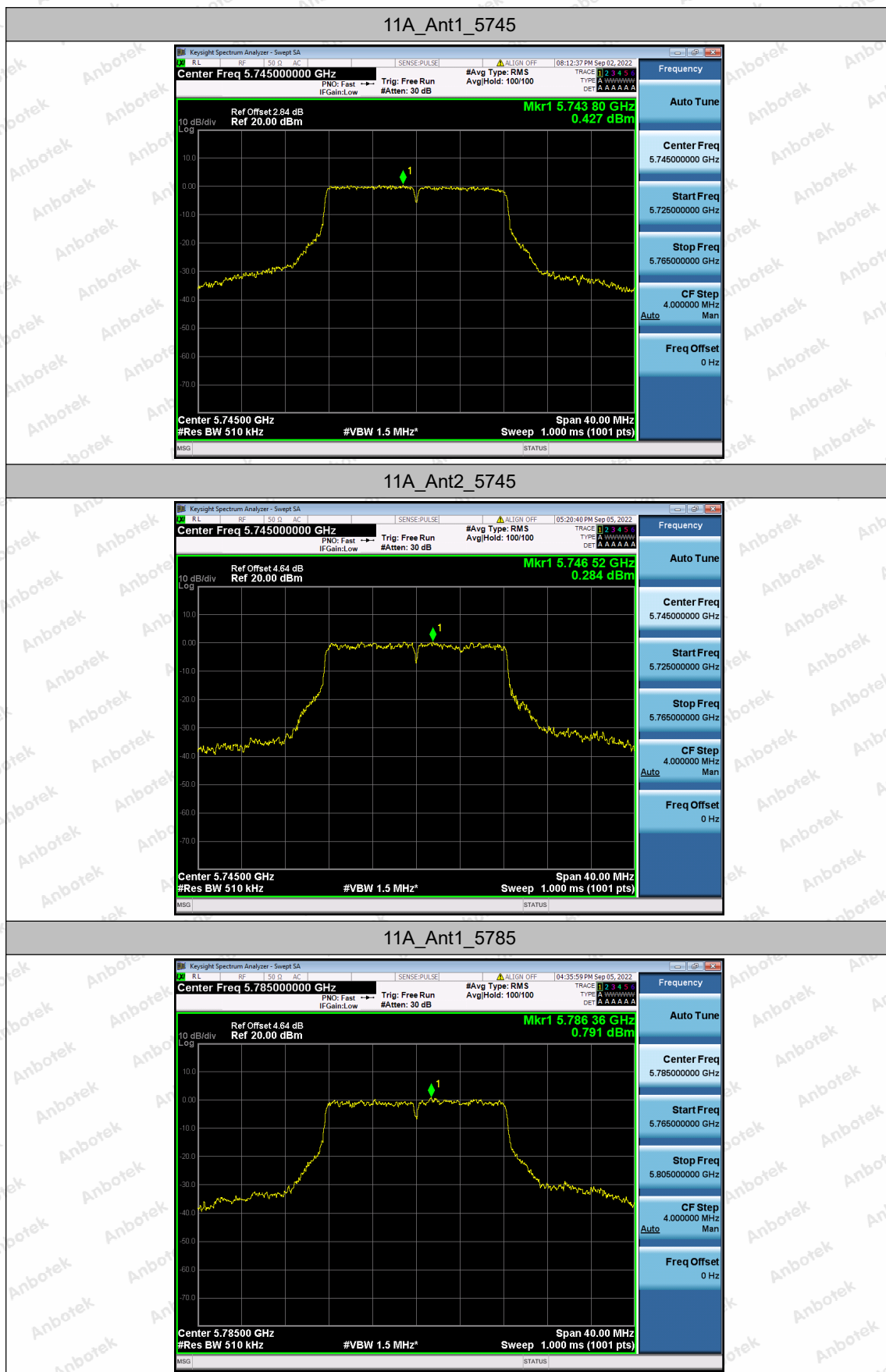
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Test Graphs B4



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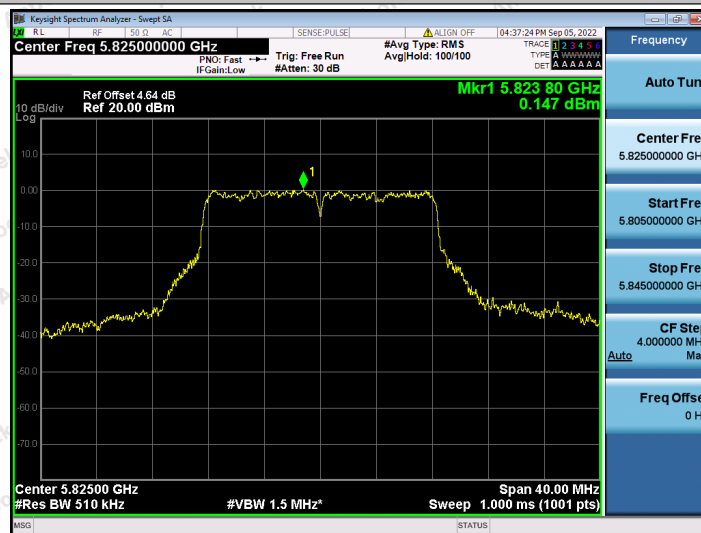
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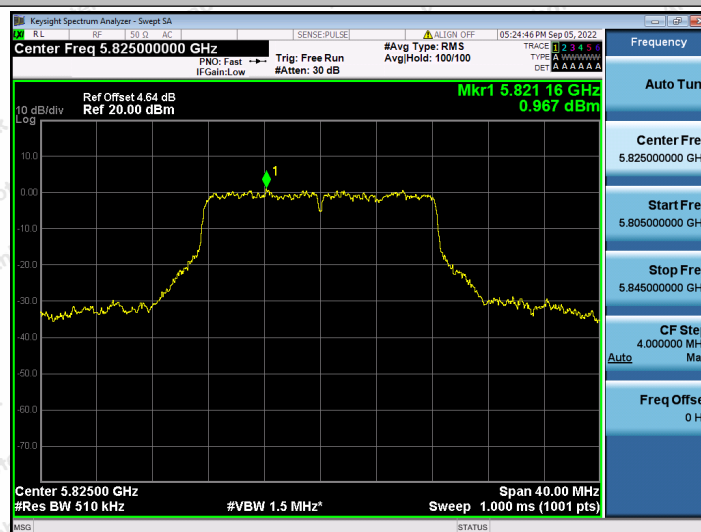
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11A_Ant1_5825



11A_Ant2_5825



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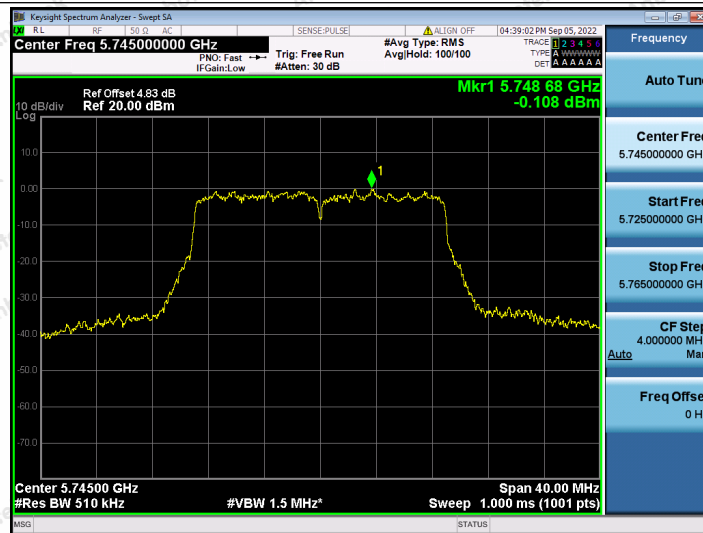
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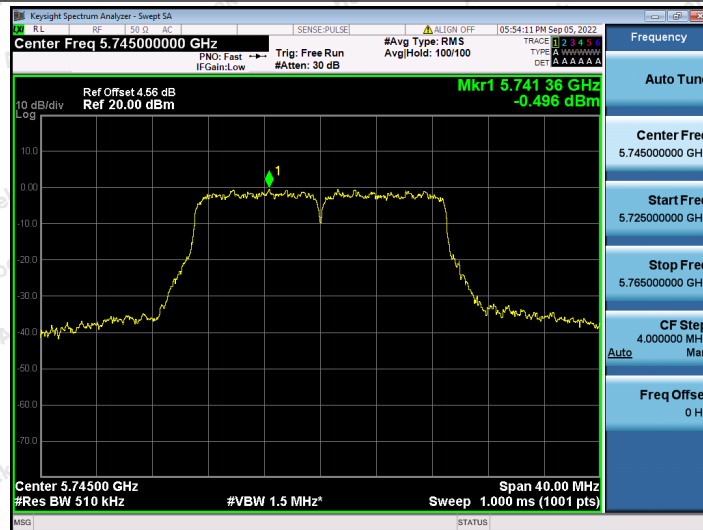


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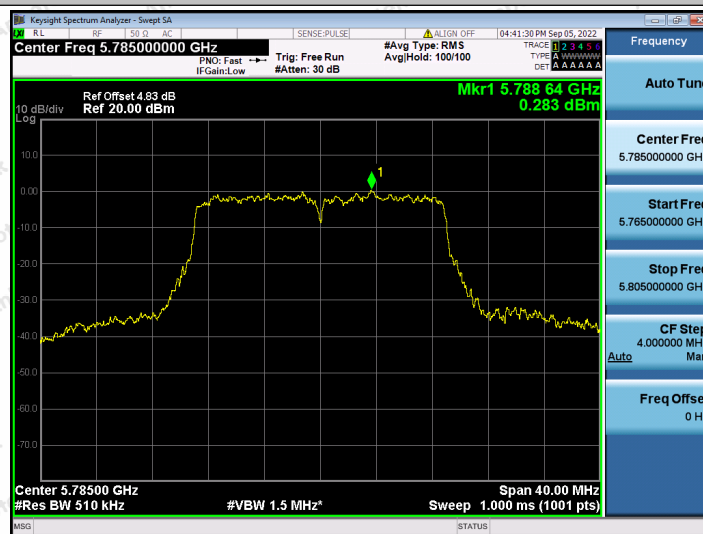




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11N20SISO_Ant1_5785



11N20SISO_Ant2_5785

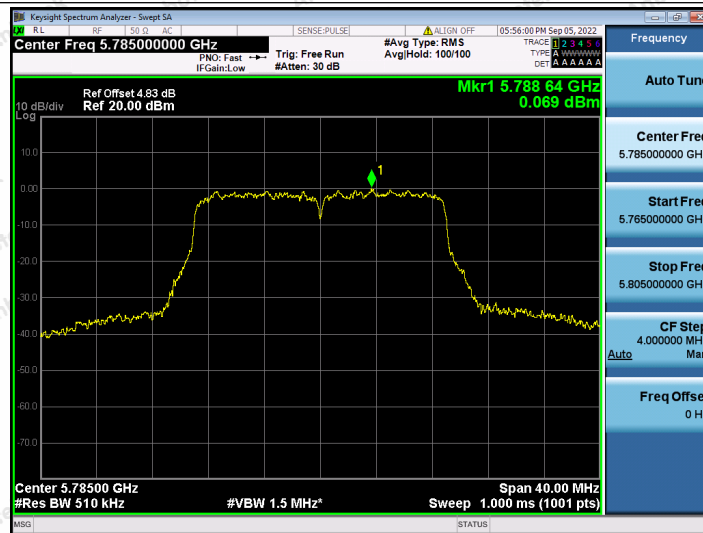
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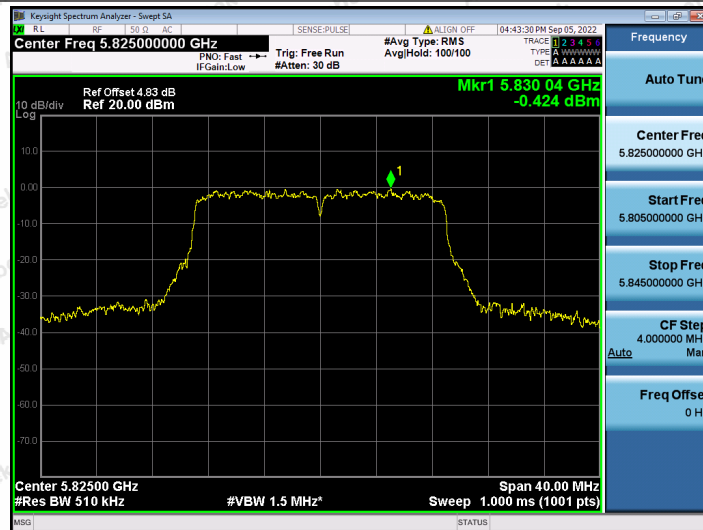


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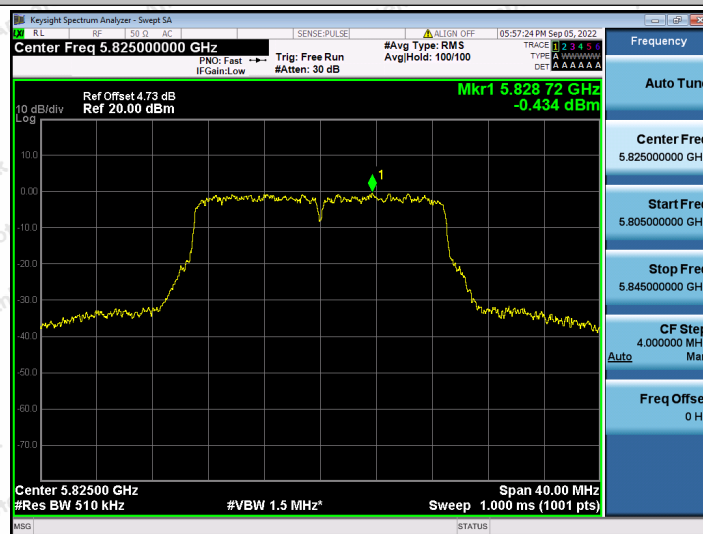




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11N20SISO_Ant2_5825



11N40SISO_Ant1_5755

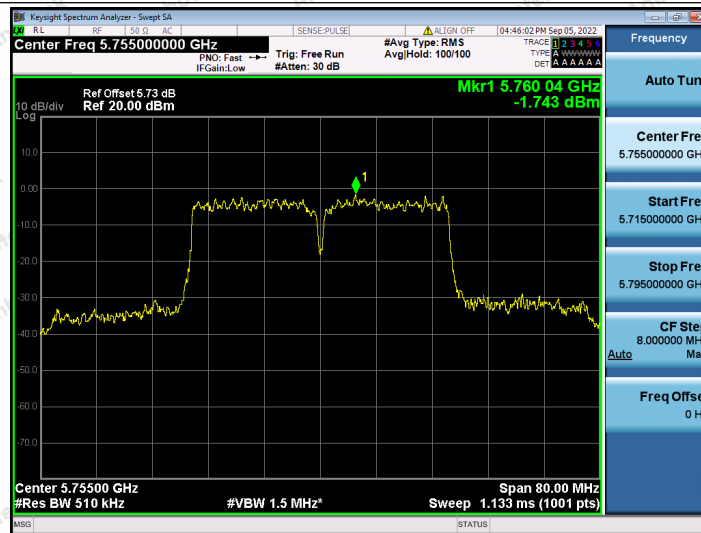
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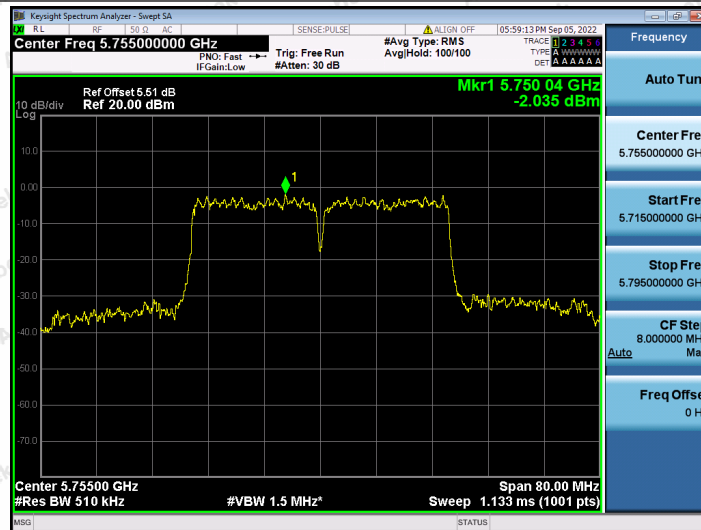


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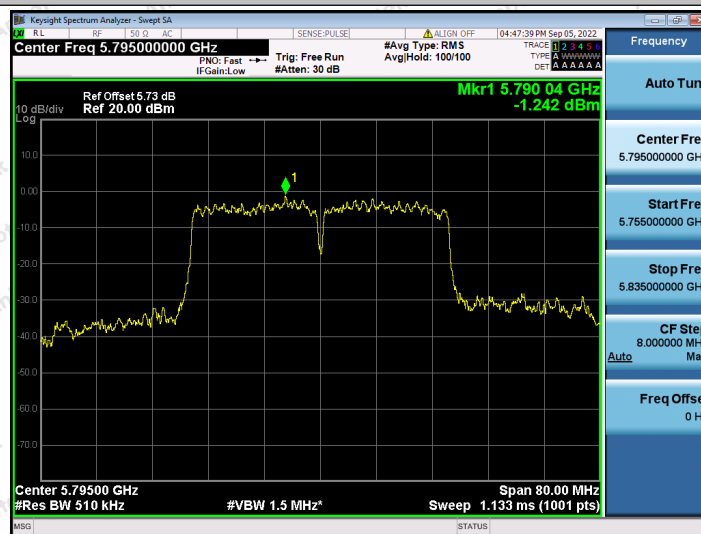




11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



11N40SISO_Ant2_5795

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