

Appendix C: Maximum conducted output power

Test Result Channel Power

Ant 1

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.90	≤30.00	PASS
11A	Ant1	5220	12.75	≤30.00	PASS
11A	Ant1	5240	12.76	≤30.00	PASS
11A	Ant1	5260	13.53	≤23.98	PASS
11A	Ant1	5300	13.03	≤23.98	PASS
11A	Ant1	5320	12.91	≤23.98	PASS
11A	Ant1	5500	13.16	≤23.98	PASS
11A	Ant1	5580	13.49	≤23.98	PASS
11A	Ant1	5700	13.37	≤23.98	PASS
11A	Ant1	5745	13.94	≤30.00	PASS
11A	Ant1	5785	13.86	≤30.00	PASS
11A	Ant1	5825	13.15	≤30.00	PASS
11N20SISO	Ant1	5180	13.89	≤30.00	PASS
11N20SISO	Ant1	5220	12.64	≤30.00	PASS
11N20SISO	Ant1	5240	12.72	≤30.00	PASS
11N20SISO	Ant1	5260	13.31	≤23.98	PASS
11N20SISO	Ant1	5300	13.78	≤23.98	PASS
11N20SISO	Ant1	5320	13.74	≤23.98	PASS
11N20SISO	Ant1	5500	13.99	≤23.98	PASS
11N20SISO	Ant1	5580	13.24	≤23.98	PASS
11N20SISO	Ant1	5700	13.28	≤23.98	PASS
11N20SISO	Ant1	5745	13.74	≤30.00	PASS
11N20SISO	Ant1	5785	13.71	≤30.00	PASS
11N20SISO	Ant1	5825	13.99	≤30.00	PASS
11N40SISO	Ant1	5190	13.93	≤30.00	PASS
11N40SISO	Ant1	5230	12.91	≤30.00	PASS
11N40SISO	Ant1	5270	13.44	≤23.98	PASS
11N40SISO	Ant1	5310	13.87	≤23.98	PASS
11N40SISO	Ant1	5510	13.45	≤23.98	PASS
11N40SISO	Ant1	5550	13.58	≤23.98	PASS
11N40SISO	Ant1	5670	13.39	≤23.98	PASS
11N40SISO	Ant1	5755	13.93	≤30.00	PASS
11N40SISO	Ant1	5795	13.24	≤30.00	PASS
11AC20SISO	Ant1	5180	13.54	≤30.00	PASS
11AC20SISO	Ant1	5220	13.39	≤30.00	PASS

11AC20SISO	Ant1	5240	13.42	≤30.00	PASS
11AC20SISO	Ant1	5260	13.99	≤23.98	PASS
11AC20SISO	Ant1	5300	13.69	≤23.98	PASS
11AC20SISO	Ant1	5320	13.64	≤23.98	PASS
11AC20SISO	Ant1	5500	13.33	≤23.98	PASS
11AC20SISO	Ant1	5580	13.94	≤23.98	PASS
11AC20SISO	Ant1	5700	13.71	≤23.98	PASS
11AC20SISO	Ant1	5745	13.16	≤30.00	PASS
11AC20SISO	Ant1	5785	13.15	≤30.00	PASS
11AC20SISO	Ant1	5825	13.45	≤30.00	PASS
11AC40SISO	Ant1	5190	13.34	≤30.00	PASS
11AC40SISO	Ant1	5230	13.44	≤30.00	PASS
11AC40SISO	Ant1	5270	13.30	≤23.98	PASS
11AC40SISO	Ant1	5310	13.80	≤23.98	PASS
11AC40SISO	Ant1	5510	13.45	≤23.98	PASS
11AC40SISO	Ant1	5550	13.57	≤23.98	PASS
11AC40SISO	Ant1	5670	13.44	≤23.98	PASS
11AC40SISO	Ant1	5755	13.96	≤30.00	PASS
11AC40SISO	Ant1	5795	13.27	≤30.00	PASS
11AC80SISO	Ant1	5210	12.93	≤30.00	PASS
11AC80SISO	Ant1	5290	12.96	≤23.98	PASS
11AC80SISO	Ant1	5530	12.82	≤23.98	PASS
11AC80SISO	Ant1	5610	13.60	≤23.98	PASS
11AC80SISO	Ant1	5775	13.43	≤30.00	PASS

Ant 2

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.54	≤30.00	PASS
11A	Ant1	5220	13.09	≤30.00	PASS
11A	Ant1	5240	13.86	≤30.00	PASS
11A	Ant1	5260	14.28	≤23.98	PASS
11A	Ant1	5300	13.88	≤23.98	PASS
11A	Ant1	5320	13.69	≤23.98	PASS
11A	Ant1	5500	14.90	≤23.98	PASS
11A	Ant1	5580	14.56	≤23.98	PASS
11A	Ant1	5700	14.36	≤23.98	PASS
11A	Ant1	5745	14.60	≤30.00	PASS
11A	Ant1	5785	14.29	≤30.00	PASS
11A	Ant1	5825	14.69	≤30.00	PASS
11N20SISO	Ant1	5180	14.62	≤30.00	PASS
11N20SISO	Ant1	5220	13.85	≤30.00	PASS
11N20SISO	Ant1	5240	13.76	≤30.00	PASS
11N20SISO	Ant1	5260	14.16	≤23.98	PASS
11N20SISO	Ant1	5300	13.67	≤23.98	PASS
11N20SISO	Ant1	5320	13.33	≤23.98	PASS
11N20SISO	Ant1	5500	14.76	≤23.98	PASS
11N20SISO	Ant1	5580	14.35	≤23.98	PASS
11N20SISO	Ant1	5700	14.06	≤23.98	PASS
11N20SISO	Ant1	5745	14.35	≤30.00	PASS
11N20SISO	Ant1	5785	14.14	≤30.00	PASS
11N20SISO	Ant1	5825	14.51	≤30.00	PASS
11N40SISO	Ant1	5190	14.83	≤30.00	PASS
11N40SISO	Ant1	5230	14.00	≤30.00	PASS
11N40SISO	Ant1	5270	14.48	≤23.98	PASS
11N40SISO	Ant1	5310	13.51	≤23.98	PASS
11N40SISO	Ant1	5510	14.61	≤23.98	PASS
11N40SISO	Ant1	5550	14.13	≤23.98	PASS
11N40SISO	Ant1	5670	14.74	≤23.98	PASS
11N40SISO	Ant1	5755	14.12	≤30.00	PASS
11N40SISO	Ant1	5795	14.28	≤30.00	PASS
11AC20SISO	Ant1	5180	14.54	≤30.00	PASS
11AC20SISO	Ant1	5220	13.80	≤30.00	PASS
11AC20SISO	Ant1	5240	13.79	≤30.00	PASS
11AC20SISO	Ant1	5260	14.19	≤23.98	PASS
11AC20SISO	Ant1	5300	13.63	≤23.98	PASS
11AC20SISO	Ant1	5320	13.27	≤23.98	PASS

11AC20SISO	Ant1	5500	14.72	≤23.98	PASS
11AC20SISO	Ant1	5580	14.31	≤23.98	PASS
11AC20SISO	Ant1	5700	14.15	≤23.98	PASS
11AC20SISO	Ant1	5745	14.40	≤30.00	PASS
11AC20SISO	Ant1	5785	14.14	≤30.00	PASS
11AC20SISO	Ant1	5825	14.55	≤30.00	PASS
11AC40SISO	Ant1	5190	14.66	≤30.00	PASS
11AC40SISO	Ant1	5230	14.04	≤30.00	PASS
11AC40SISO	Ant1	5270	14.46	≤23.98	PASS
11AC40SISO	Ant1	5310	13.55	≤23.98	PASS
11AC40SISO	Ant1	5510	14.68	≤23.98	PASS
11AC40SISO	Ant1	5550	14.09	≤23.98	PASS
11AC40SISO	Ant1	5670	14.77	≤23.98	PASS
11AC40SISO	Ant1	5755	14.13	≤30.00	PASS
11AC40SISO	Ant1	5795	14.25	≤30.00	PASS
11AC80SISO	Ant1	5210	13.21	≤30.00	PASS
11AC80SISO	Ant1	5290	13.99	≤23.98	PASS
11AC80SISO	Ant1	5530	13.31	≤23.98	PASS
11AC80SISO	Ant1	5610	14.14	≤23.98	PASS
11AC80SISO	Ant1	5775	13.28	≤30.00	PASS

MIMO

Test Mode	Frequency [MHz]	Ant 1 Result [dBm]	Ant 2 Result [dBm]	MIMO Result [dBm]	Limit [dBm]	Verdict
11N20SISO	5180	13.89	14.62	17.28	≤30.00	PASS
11N20SISO	5220	12.64	13.85	16.30	≤30.00	PASS
11N20SISO	5240	12.72	13.76	16.28	≤30.00	PASS
11N20SISO	5260	13.31	14.16	16.77	≤23.98	PASS
11N20SISO	5300	13.78	13.67	16.74	≤23.98	PASS
11N20SISO	5320	13.74	13.33	16.55	≤23.98	PASS
11N20SISO	5500	13.99	14.76	17.40	≤23.98	PASS
11N20SISO	5580	13.24	14.35	16.84	≤23.98	PASS
11N20SISO	5700	13.28	14.06	16.70	≤23.98	PASS
11N20SISO	5745	13.74	14.35	17.07	≤30.00	PASS
11N20SISO	5785	13.71	14.14	16.94	≤30.00	PASS
11N20SISO	5825	13.99	14.51	17.27	≤30.00	PASS
11N40SISO	5190	13.93	14.83	17.41	≤30.00	PASS
11N40SISO	5230	12.91	14.00	16.50	≤30.00	PASS
11N40SISO	5270	13.44	14.48	17.00	≤23.98	PASS
11N40SISO	5310	13.87	13.51	16.70	≤23.98	PASS
11N40SISO	5510	13.45	14.61	17.08	≤23.98	PASS

11N40SISO	5550	13.58	14.13	16.87	≤23.98	PASS
11N40SISO	5670	13.39	14.74	17.13	≤23.98	PASS
11N40SISO	5755	13.93	14.12	17.04	≤30.00	PASS
11N40SISO	5795	13.24	14.28	16.80	≤30.00	PASS
11AC20SISO	5180	13.54	14.54	17.08	≤30.00	PASS
11AC20SISO	5220	13.39	13.80	16.61	≤30.00	PASS
11AC20SISO	5240	13.42	13.79	16.62	≤30.00	PASS
11AC20SISO	5260	13.99	14.19	17.10	≤23.98	PASS
11AC20SISO	5300	13.69	13.63	16.67	≤23.98	PASS
11AC20SISO	5320	13.64	13.27	16.47	≤23.98	PASS
11AC20SISO	5500	13.33	14.72	17.09	≤23.98	PASS
11AC20SISO	5580	13.94	14.31	17.14	≤23.98	PASS
11AC20SISO	5700	13.71	14.15	16.95	≤23.98	PASS
11AC20SISO	5745	13.16	14.40	16.83	≤30.00	PASS
11AC20SISO	5785	13.15	14.14	16.68	≤30.00	PASS
11AC20SISO	5825	13.45	14.55	17.05	≤30.00	PASS
11AC40SISO	5190	13.34	14.66	17.06	≤30.00	PASS
11AC40SISO	5230	13.44	14.04	16.76	≤30.00	PASS
11AC40SISO	5270	13.30	14.46	16.93	≤23.98	PASS
11AC40SISO	5310	13.80	13.55	16.69	≤23.98	PASS
11AC40SISO	5510	13.45	14.68	17.12	≤23.98	PASS
11AC40SISO	5550	13.57	14.09	16.85	≤23.98	PASS
11AC40SISO	5670	13.44	14.77	17.17	≤23.98	PASS
11AC40SISO	5755	13.96	14.13	17.06	≤30.00	PASS
11AC40SISO	5795	13.27	14.25	16.80	≤30.00	PASS
11AC80SISO	5210	12.93	13.21	16.08	≤30.00	PASS
11AC80SISO	5290	12.96	13.99	16.52	≤23.98	PASS
11AC80SISO	5530	12.82	13.31	16.08	≤23.98	PASS
11AC80SISO	5610	13.60	14.14	16.89	≤23.98	PASS
11AC80SISO	5775	13.43	13.28	16.37	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

Ant 1

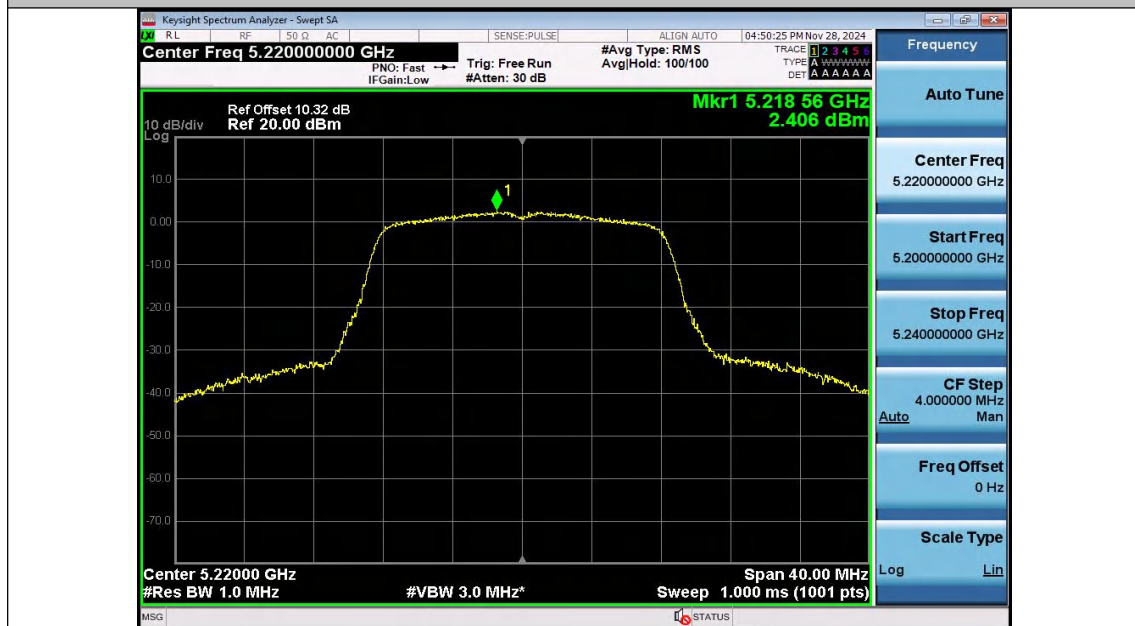
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.78	≤11.00	PASS
11A	Ant1	5220	2.41	≤11.00	PASS
11A	Ant1	5240	2.88	≤11.00	PASS
11A	Ant1	5260	3.39	≤11.00	PASS
11A	Ant1	5300	2.95	≤11.00	PASS
11A	Ant1	5320	2.82	≤11.00	PASS
11A	Ant1	5500	4.26	≤11.00	PASS
11A	Ant1	5580	3.42	≤11.00	PASS
11A	Ant1	5700	4.23	≤11.00	PASS
11A	Ant1	5745	2.15	≤30.00	PASS
11A	Ant1	5785	0.96	≤30.00	PASS
11A	Ant1	5825	1.58	≤30.00	PASS
11N20SISO	Ant1	5180	3.64	≤11.00	PASS
11N20SISO	Ant1	5220	2.31	≤11.00	PASS
11N20SISO	Ant1	5240	2.45	≤11.00	PASS
11N20SISO	Ant1	5260	3.91	≤11.00	PASS
11N20SISO	Ant1	5300	3.32	≤11.00	PASS
11N20SISO	Ant1	5320	3.37	≤11.00	PASS
11N20SISO	Ant1	5500	4.77	≤11.00	PASS
11N20SISO	Ant1	5580	4.22	≤11.00	PASS
11N20SISO	Ant1	5700	5.21	≤11.00	PASS
11N20SISO	Ant1	5745	1.85	≤30.00	PASS
11N20SISO	Ant1	5785	0.63	≤30.00	PASS
11N20SISO	Ant1	5825	1.16	≤30.00	PASS
11N40SISO	Ant1	5190	0.67	≤11.00	PASS
11N40SISO	Ant1	5230	-0.69	≤11.00	PASS
11N40SISO	Ant1	5270	0.96	≤11.00	PASS
11N40SISO	Ant1	5310	0.16	≤11.00	PASS
11N40SISO	Ant1	5510	0.95	≤11.00	PASS
11N40SISO	Ant1	5550	0.09	≤11.00	PASS
11N40SISO	Ant1	5670	2.33	≤11.00	PASS
11N40SISO	Ant1	5755	-1.17	≤30.00	PASS
11N40SISO	Ant1	5795	-2.29	≤30.00	PASS
11AC20SISO	Ant1	5180	3.98	≤11.00	PASS
11AC20SISO	Ant1	5220	3.14	≤11.00	PASS

11AC20SISO	Ant1	5240	2.93	≤11.00	PASS
11AC20SISO	Ant1	5260	3.61	≤11.00	PASS
11AC20SISO	Ant1	5300	3.07	≤11.00	PASS
11AC20SISO	Ant1	5320	3.23	≤11.00	PASS
11AC20SISO	Ant1	5500	3.92	≤11.00	PASS
11AC20SISO	Ant1	5580	3.80	≤11.00	PASS
11AC20SISO	Ant1	5700	4.44	≤11.00	PASS
11AC20SISO	Ant1	5745	1.84	≤30.00	PASS
11AC20SISO	Ant1	5785	0.93	≤30.00	PASS
11AC20SISO	Ant1	5825	1.21	≤30.00	PASS
11AC40SISO	Ant1	5190	1.09	≤11.00	PASS
11AC40SISO	Ant1	5230	-0.12	≤11.00	PASS
11AC40SISO	Ant1	5270	0.73	≤11.00	PASS
11AC40SISO	Ant1	5310	0.24	≤11.00	PASS
11AC40SISO	Ant1	5510	0.99	≤11.00	PASS
11AC40SISO	Ant1	5550	0.13	≤11.00	PASS
11AC40SISO	Ant1	5670	2.18	≤11.00	PASS
11AC40SISO	Ant1	5755	-1.58	≤30.00	PASS
11AC40SISO	Ant1	5795	-2.14	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.38	≤11.00	PASS
11AC80SISO	Ant1	5290	-3.34	≤11.00	PASS
11AC80SISO	Ant1	5530	-3.39	≤11.00	PASS
11AC80SISO	Ant1	5610	-2.60	≤11.00	PASS
11AC80SISO	Ant1	5775	-5.27	≤30.00	PASS

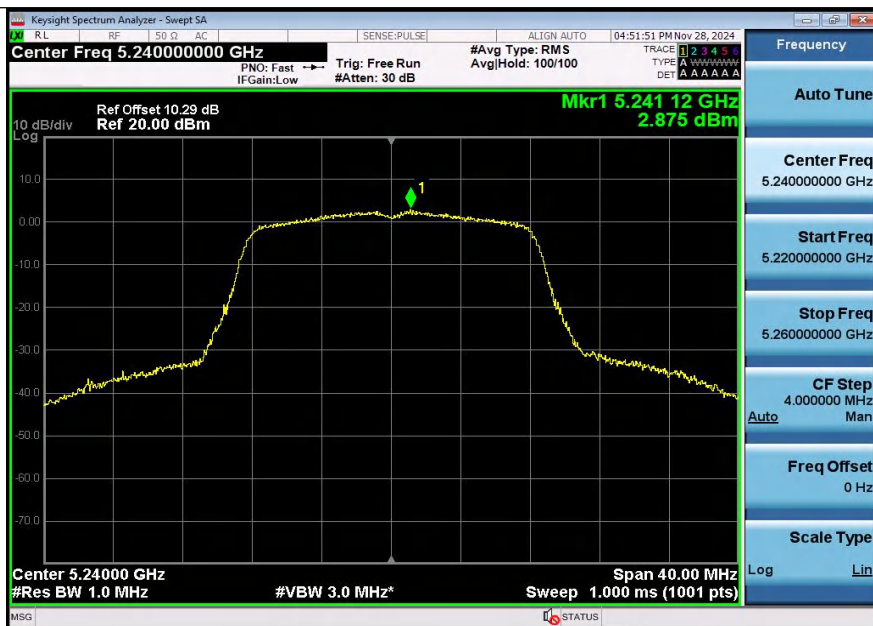
Test Graphs



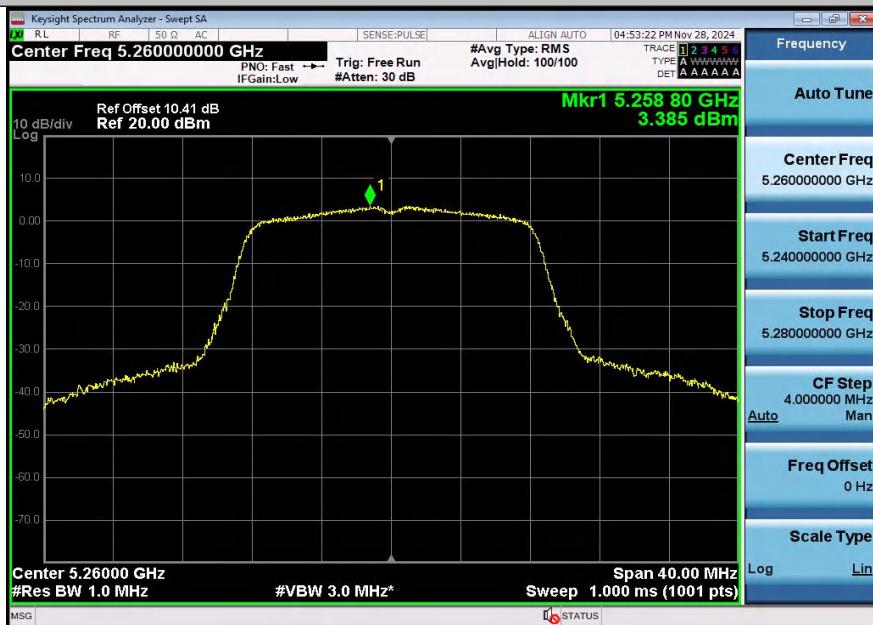
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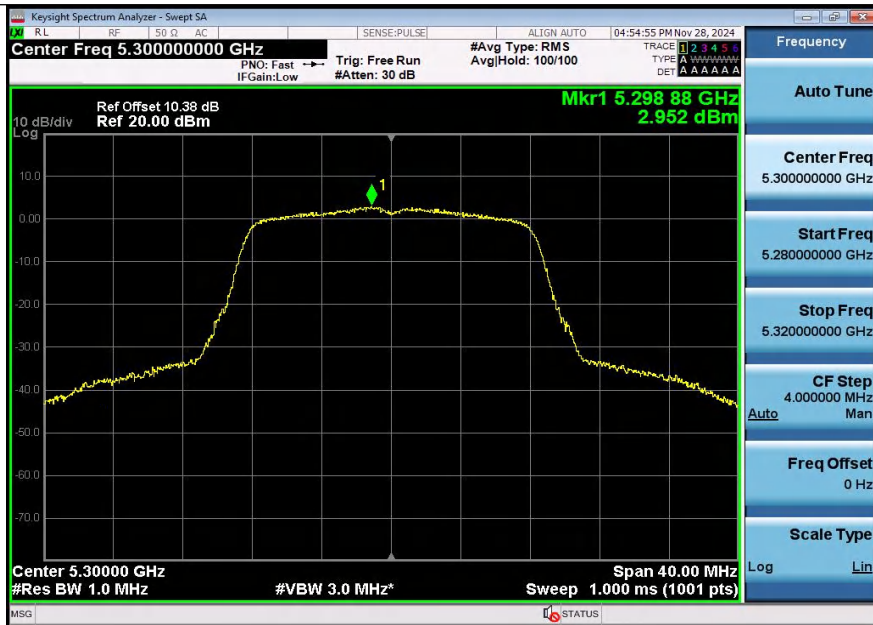
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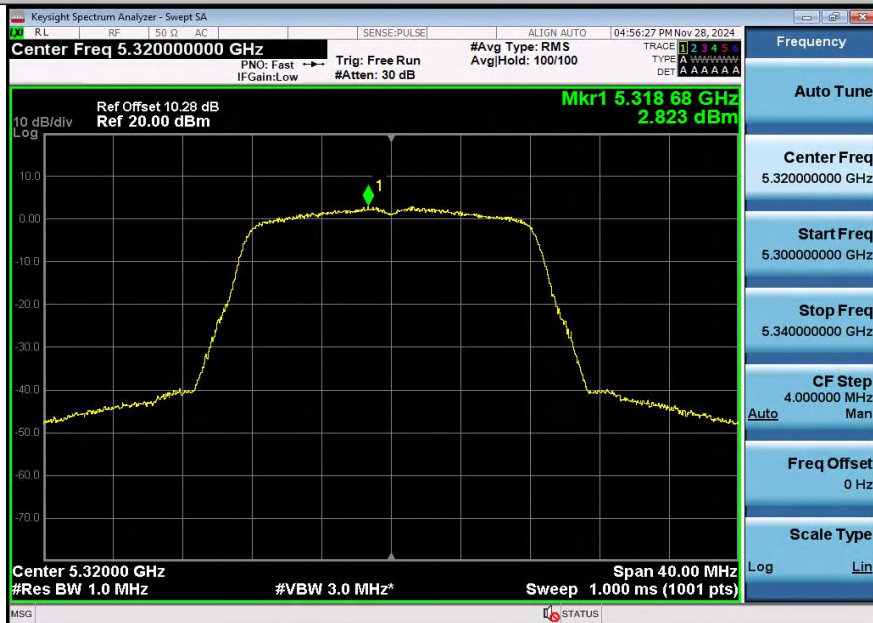
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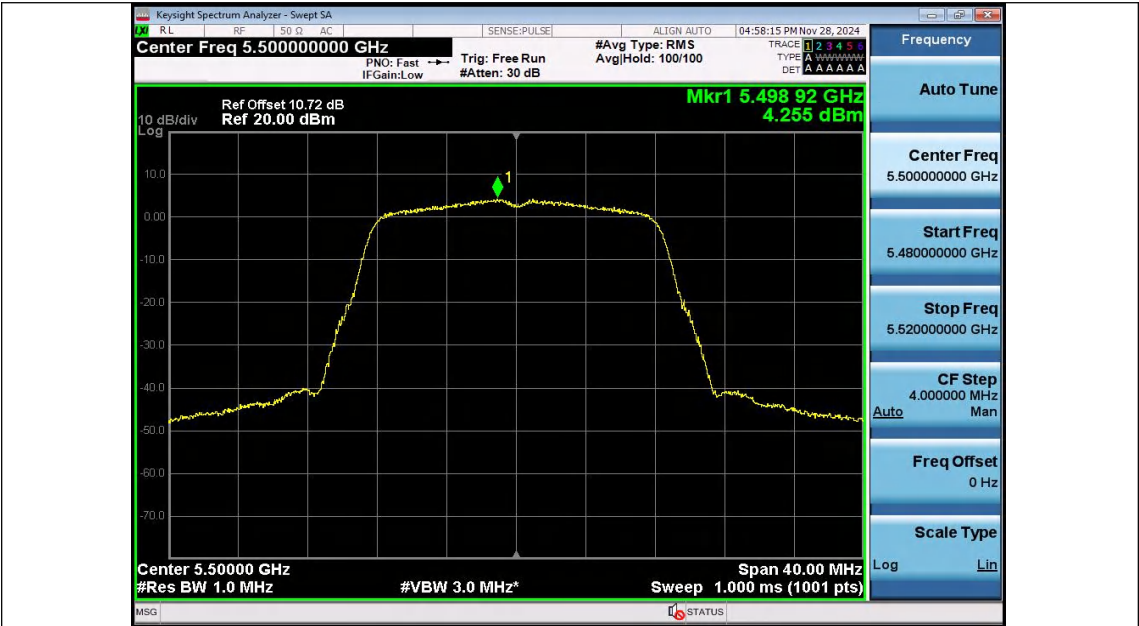
11A-Ant1-5260-PASS



11A-Ant1-5300-PASS



11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



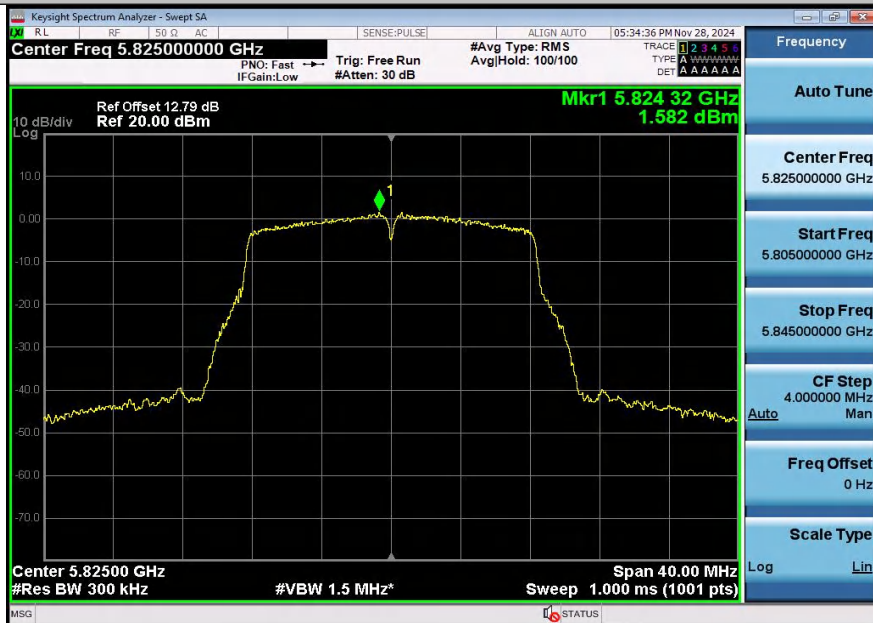
11A-Ant1-5700-PASS



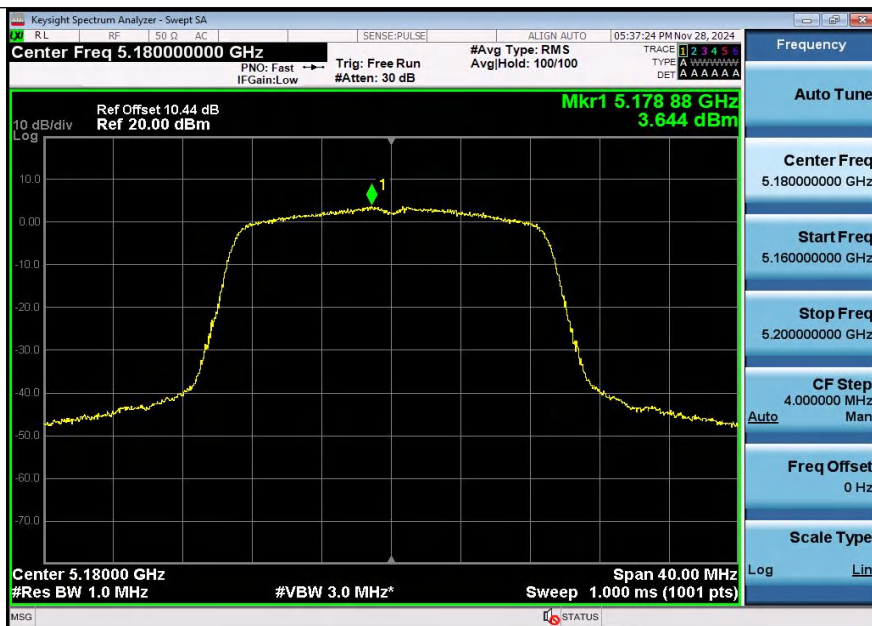
11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5220-PASS



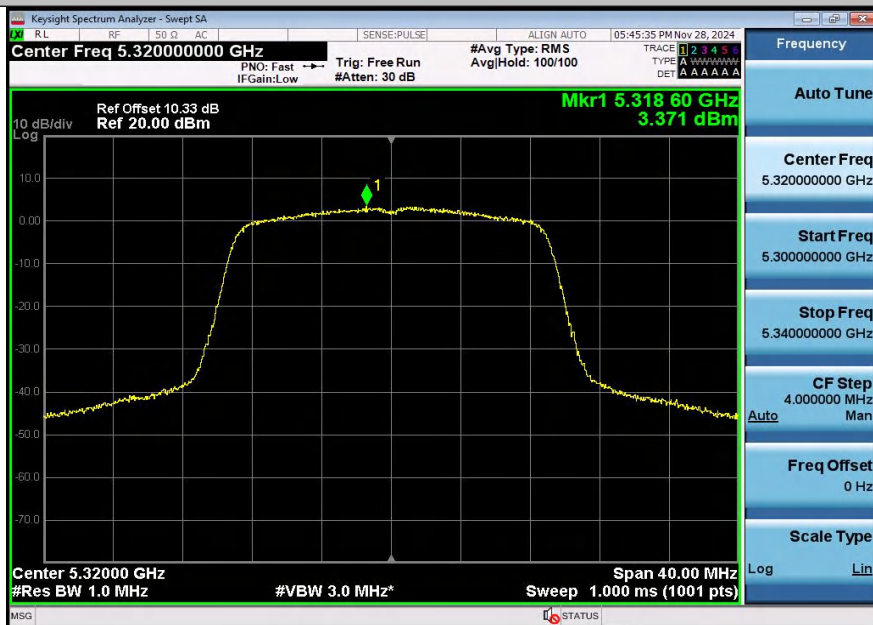
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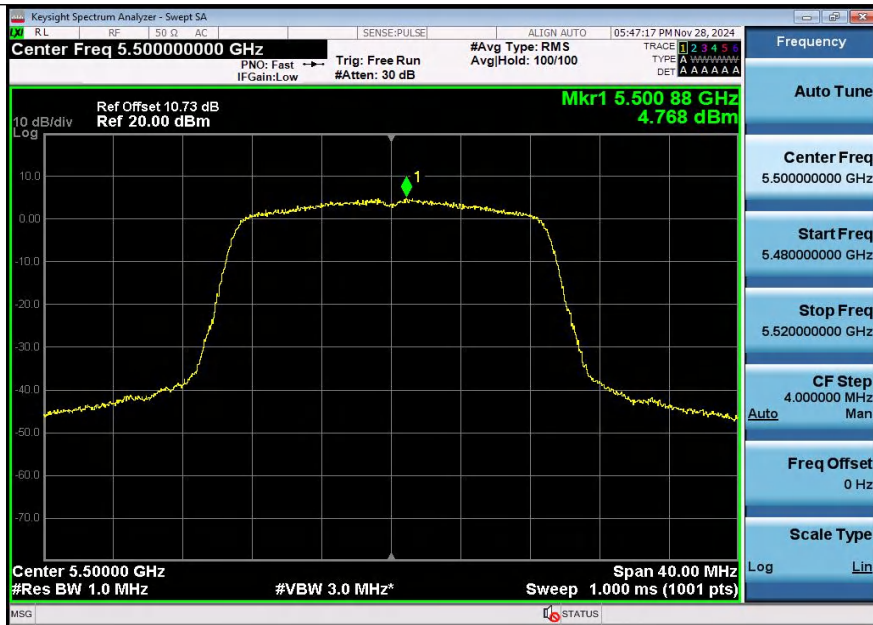
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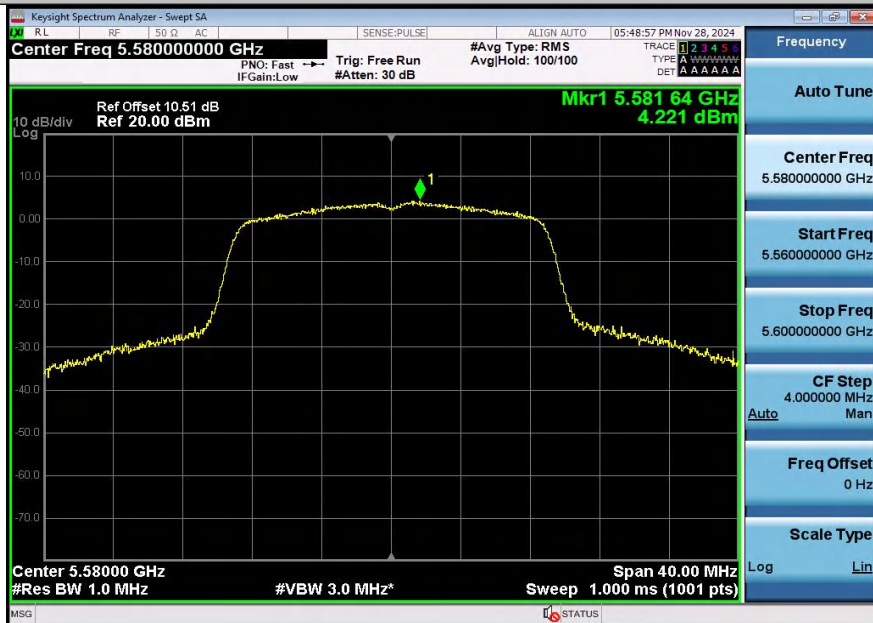
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11N20SISO-Ant1-5320-PASS



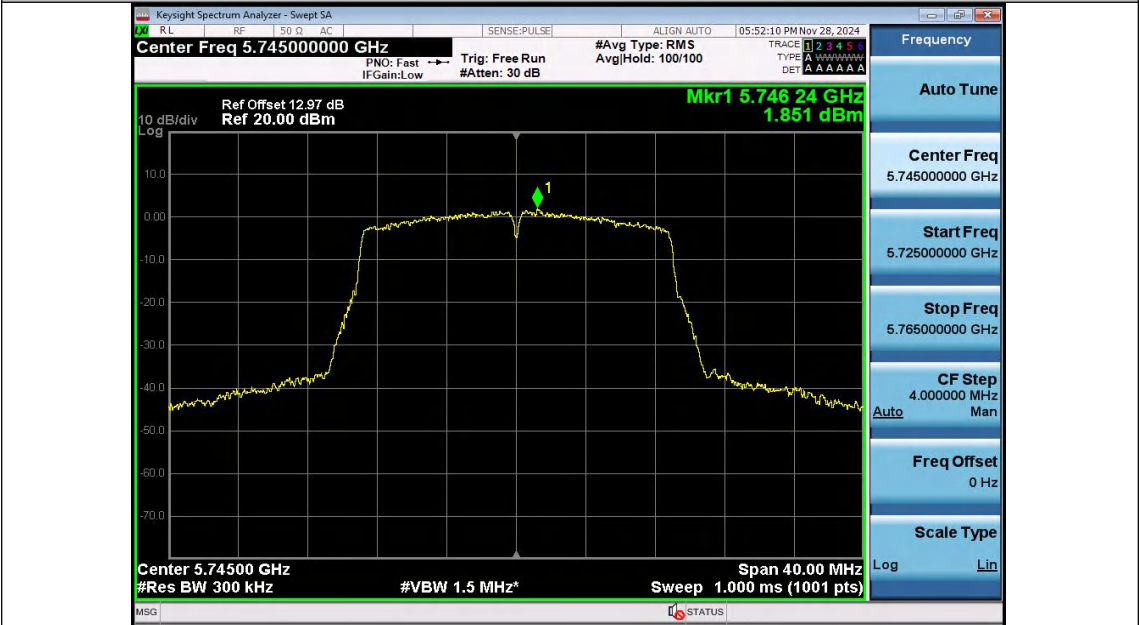
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11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS



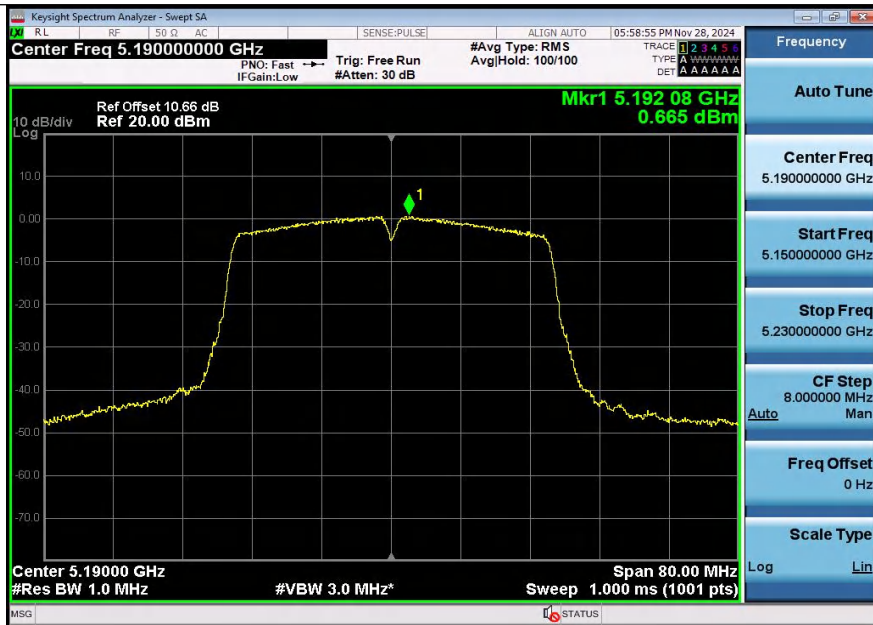
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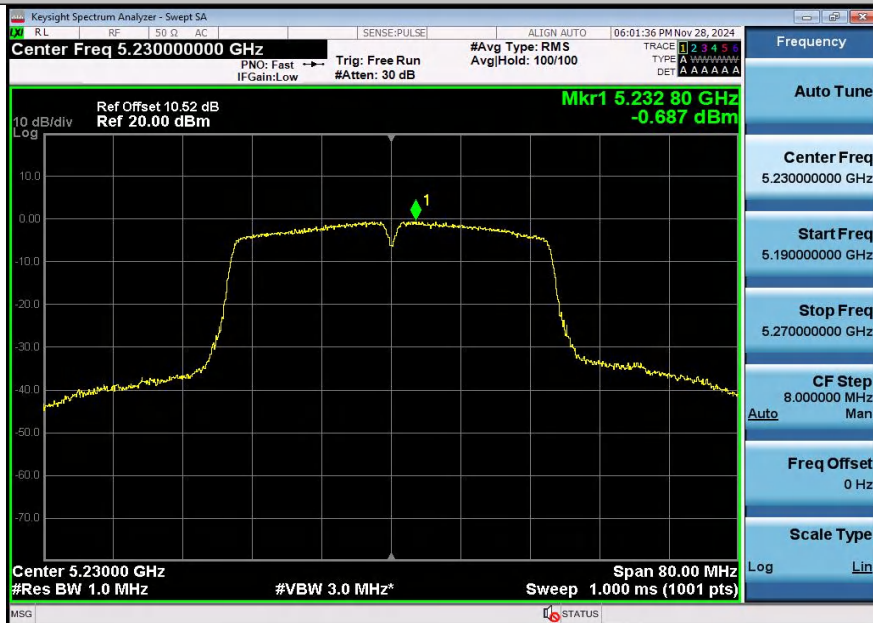
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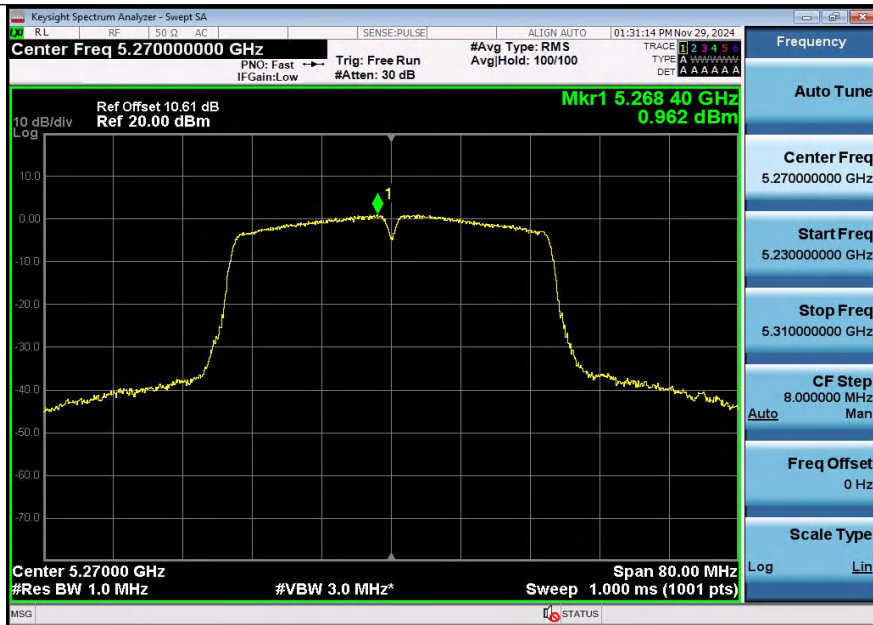
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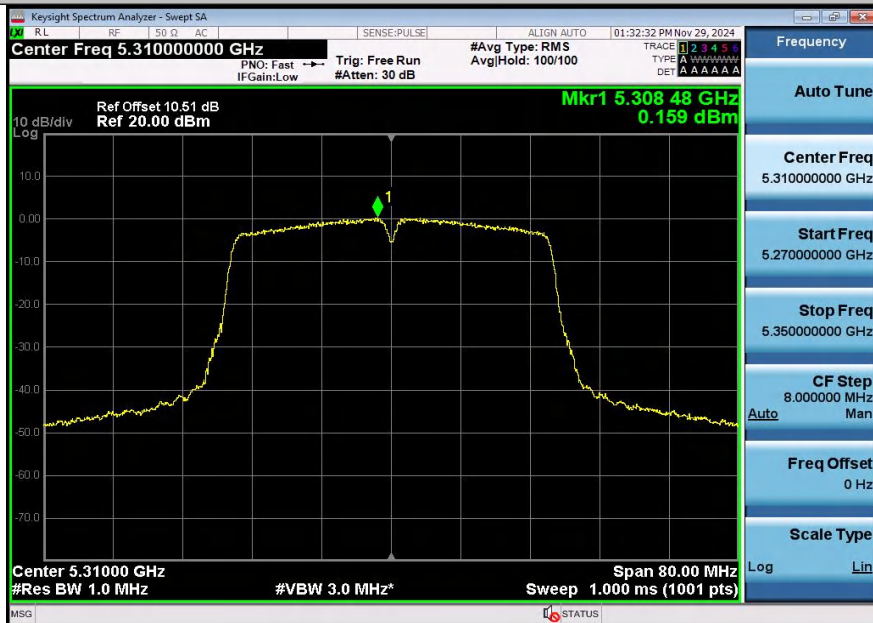
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11N40SISO-Ant1-5230-PASS



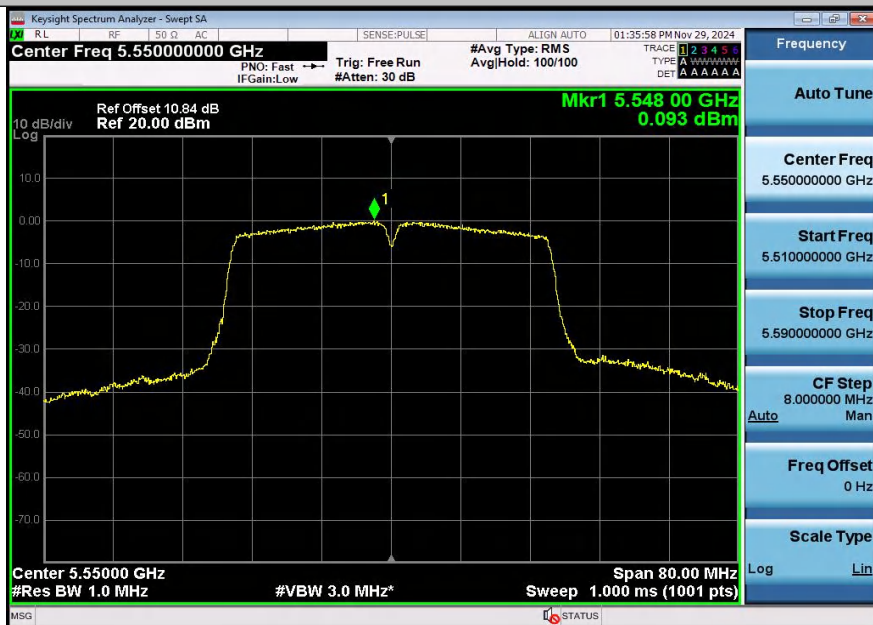
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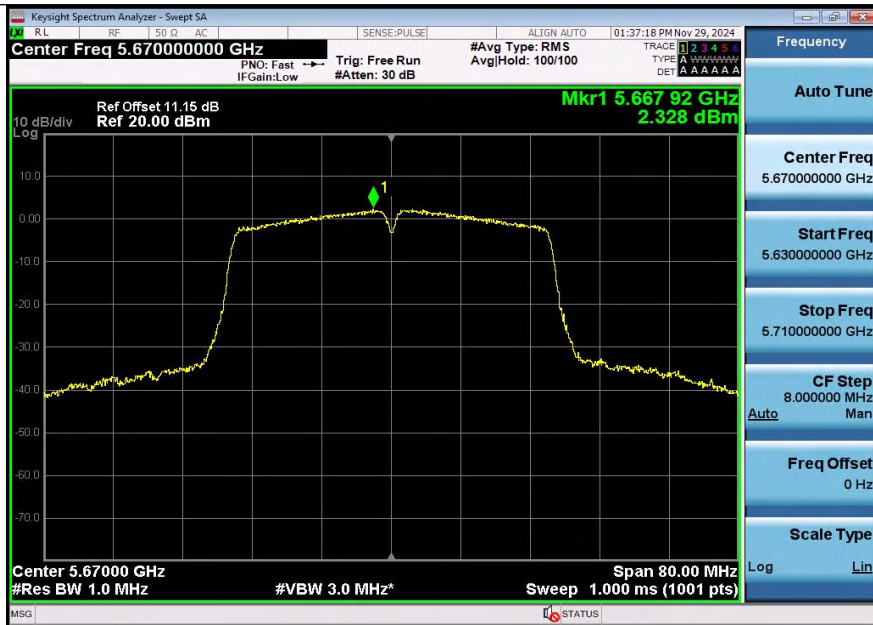
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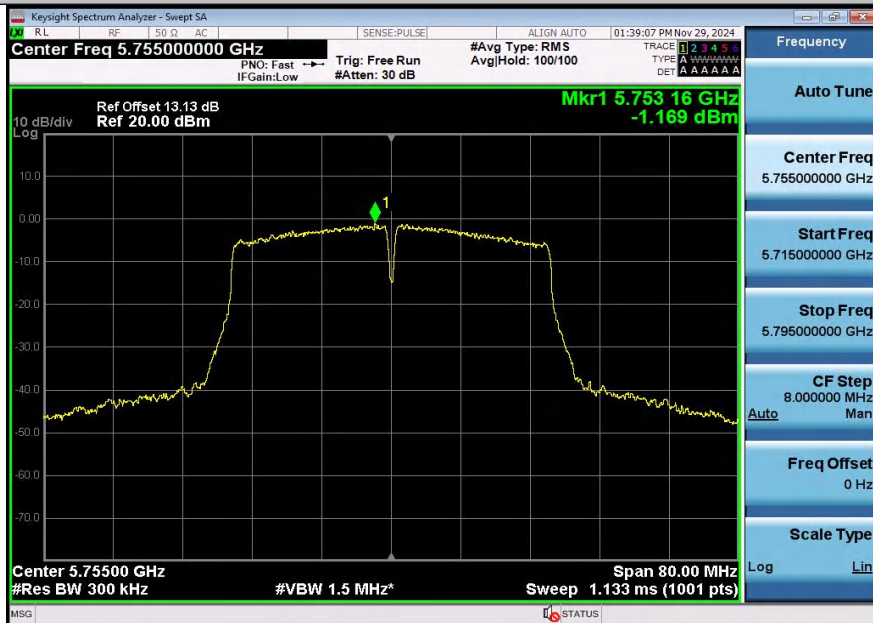
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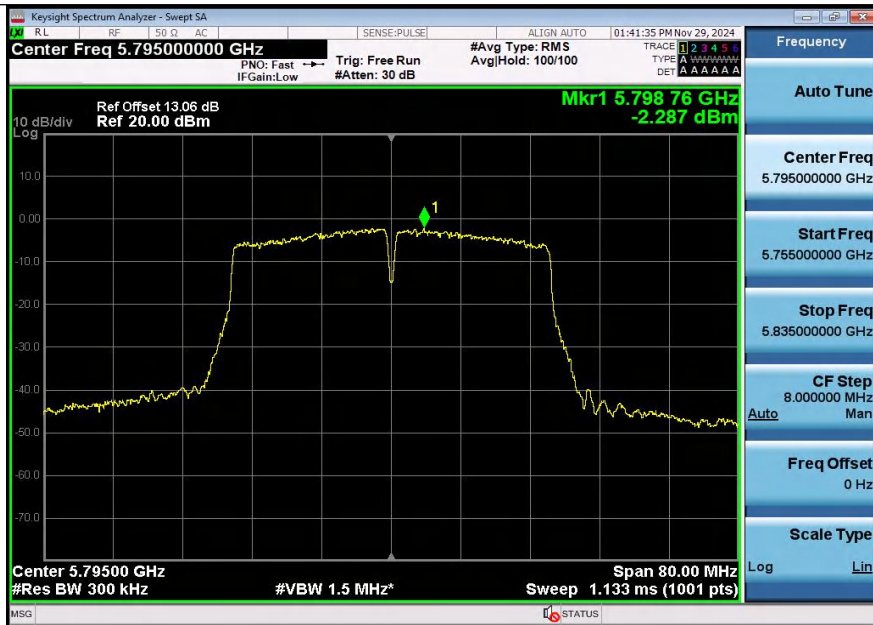
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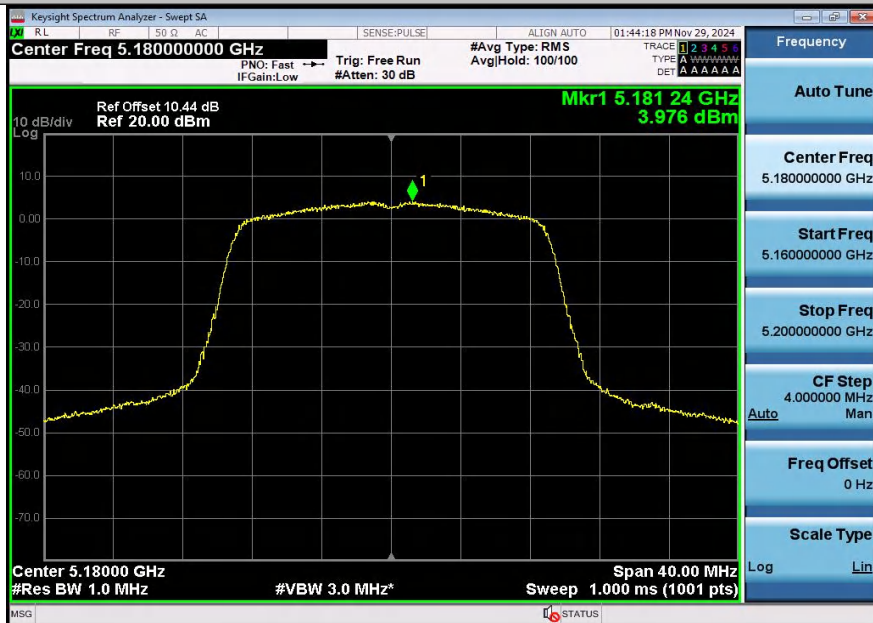
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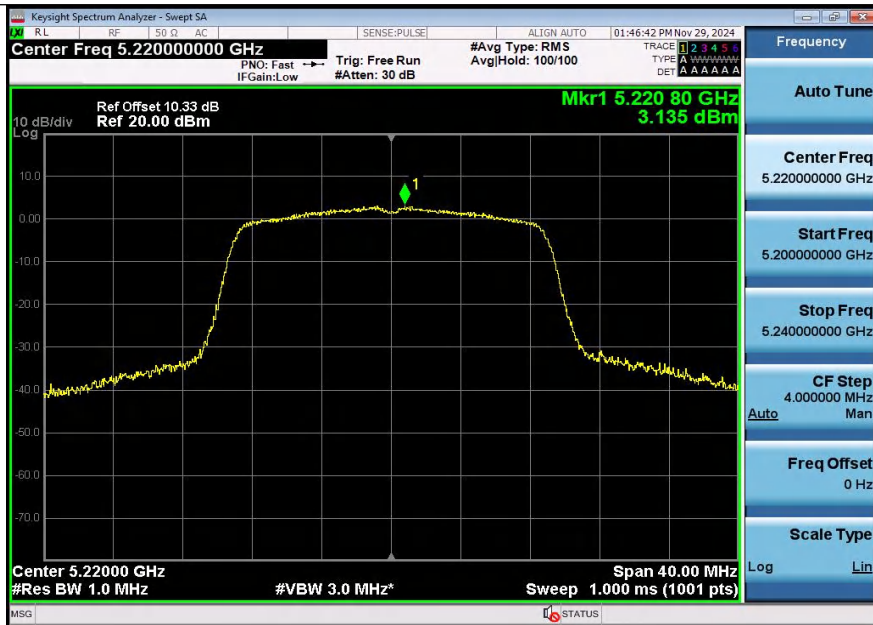
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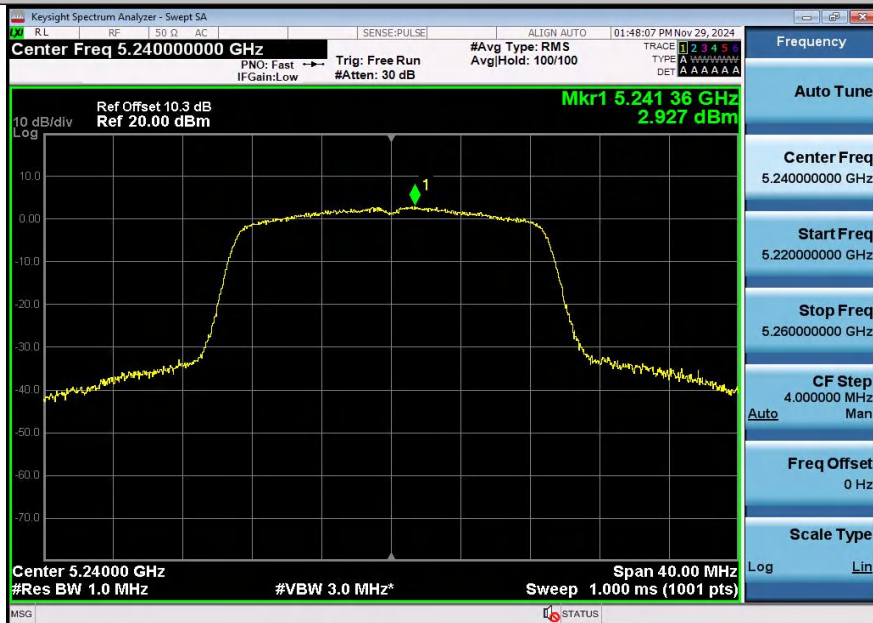
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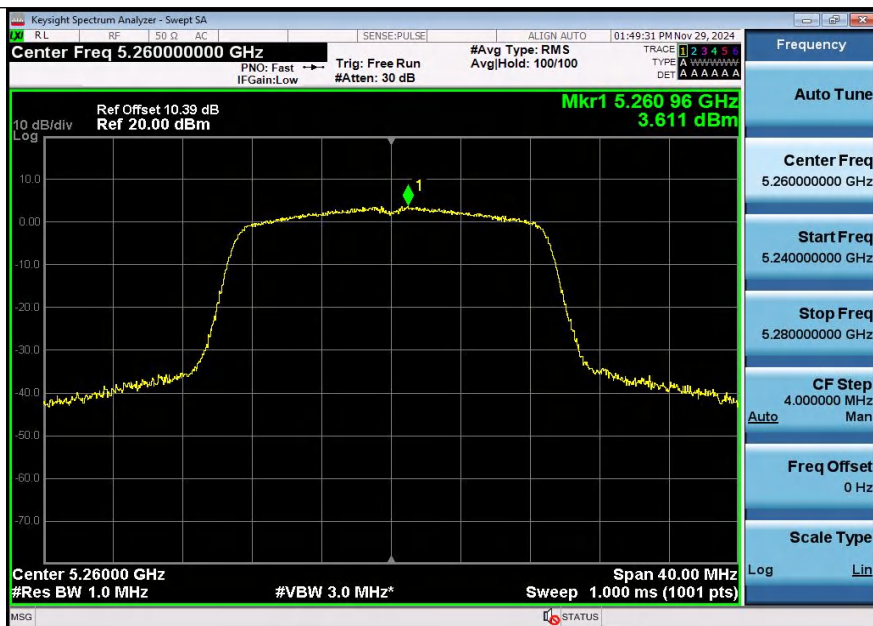
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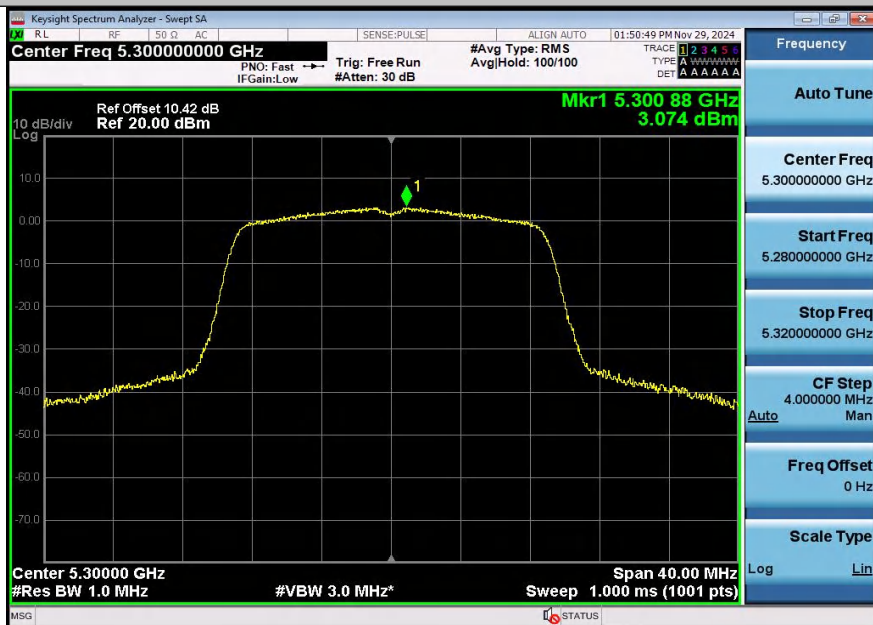
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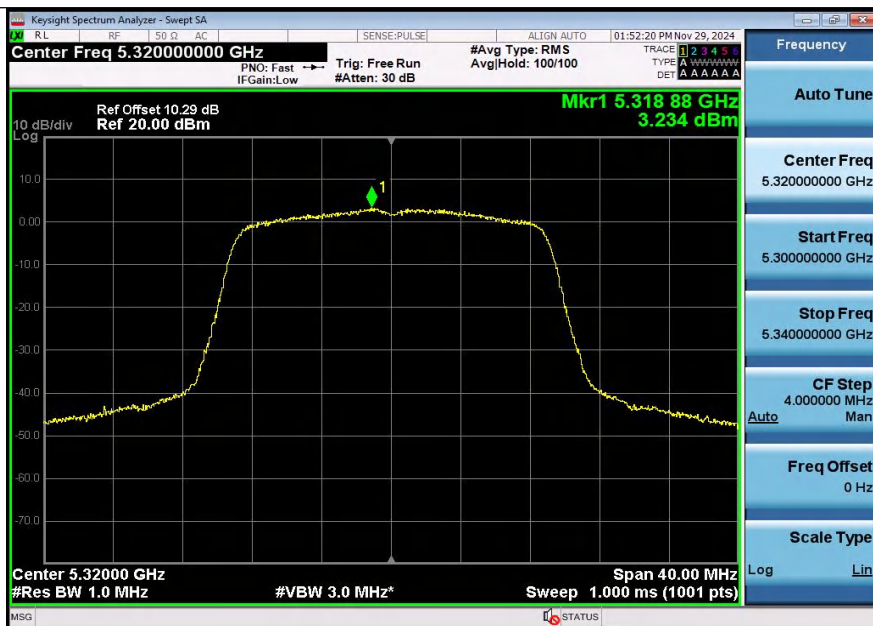
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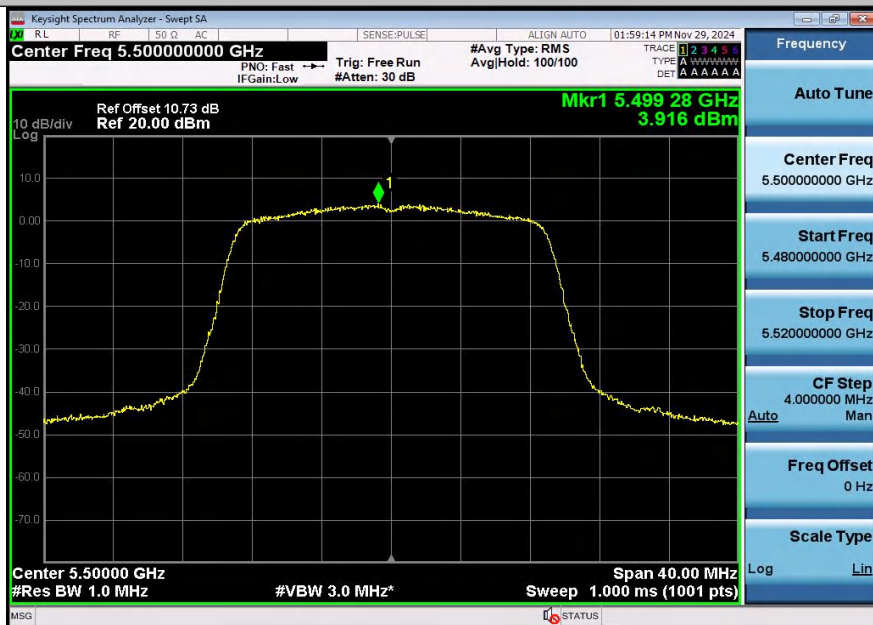
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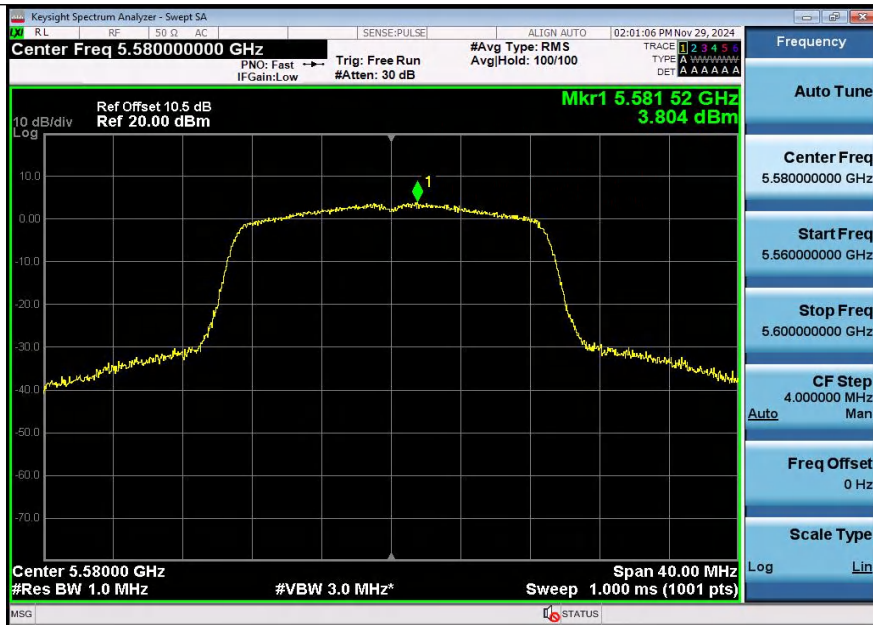
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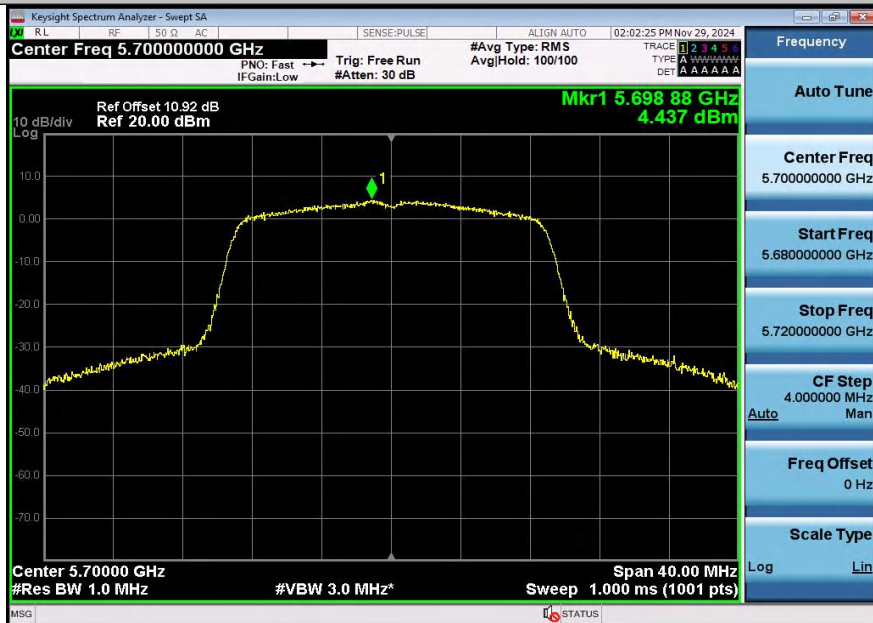
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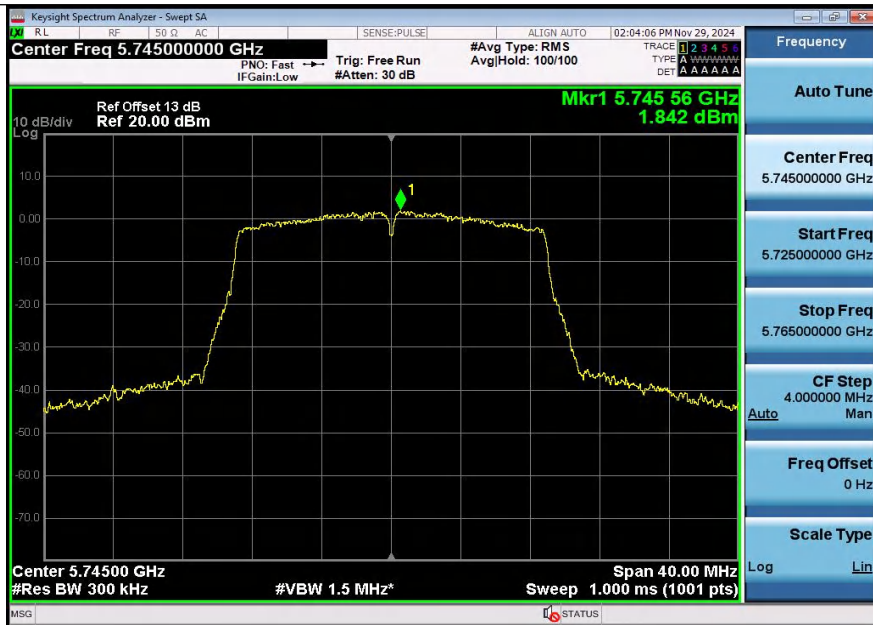
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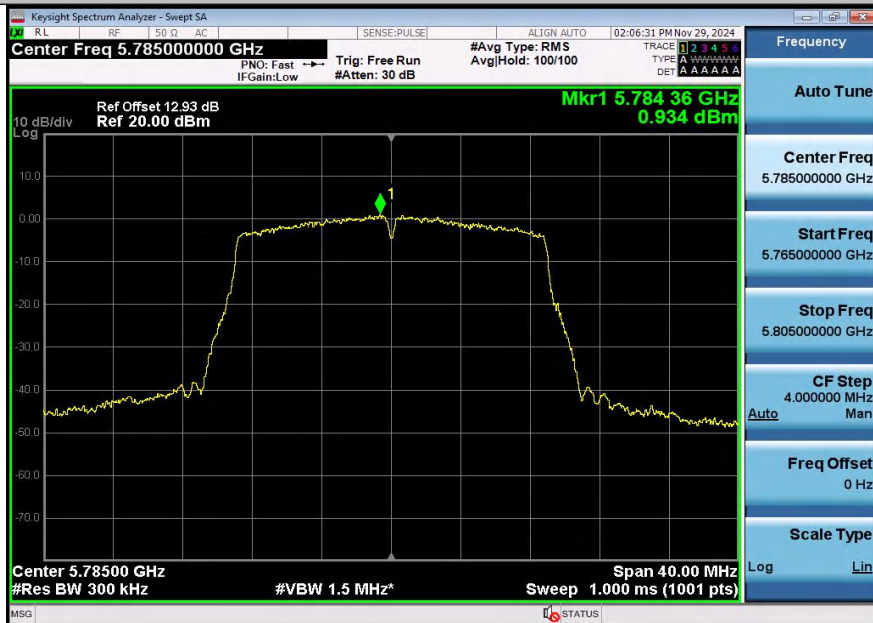
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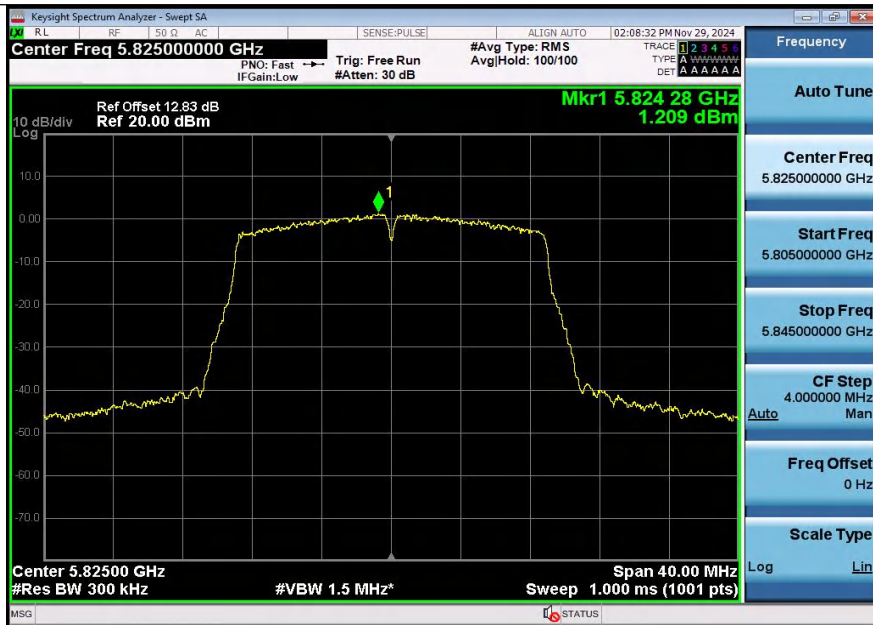
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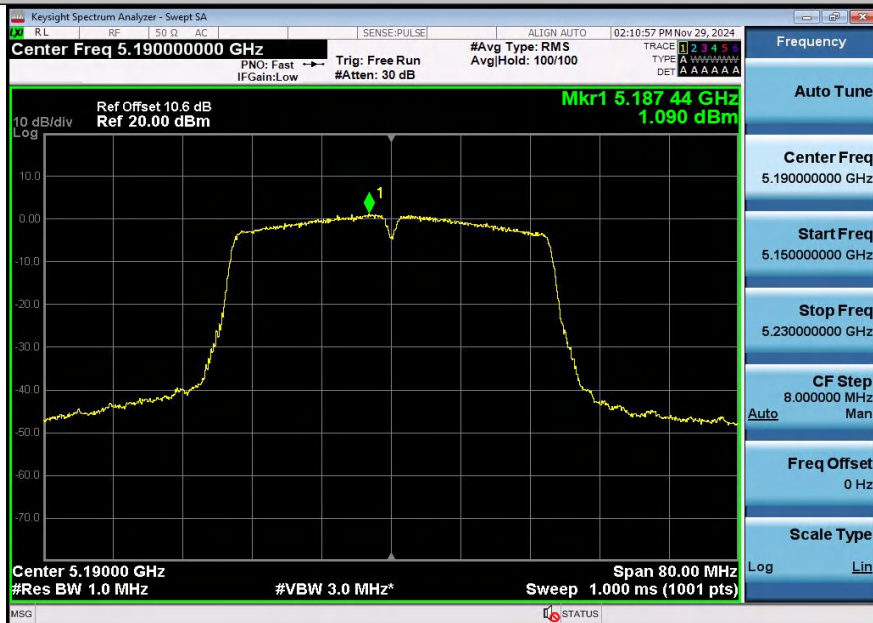
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11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS