

Case No. : <u>GTS20260805015-1-03</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.8.24-2026.9.15</u> Test Engineer: <u>Evan ouyang</u>

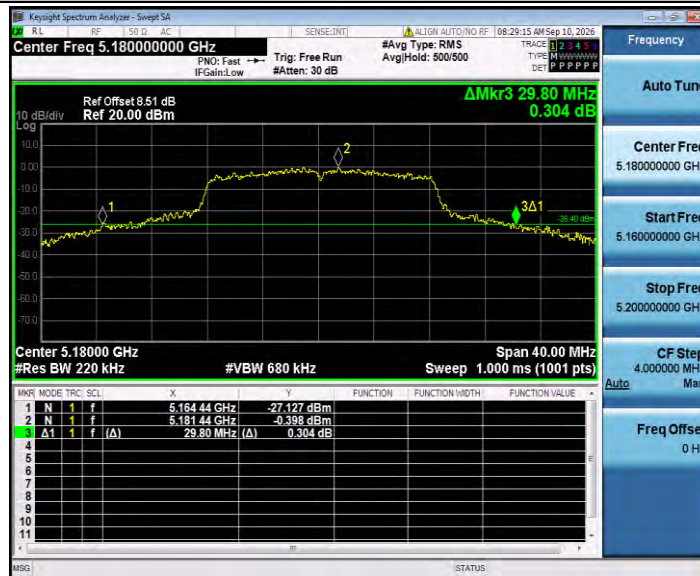
AppendixC.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	29.800	---	---
		5200	25.000	---	---
		5240	24.680	---	---
11N20SISO	Ant1	5180	27.840	---	---
		5200	27.880	---	---
		5240	26.320	---	---
11N40SISO	Ant1	5190	37.840	---	---
		5230	37.760	---	---
11AC20SISO	Ant1	5180	27.640	---	---
		5200	25.960	---	---
		5240	25.960	---	---
11AC40SISO	Ant1	5190	39.520	---	---
		5230	39.920	---	---
11AX20SISO	Ant1	5180	24.760	---	---
		5200	24.000	---	---
		5240	22.560	---	---
11AX40SISO	Ant1	5190	38.960	---	---
		5230	39.040	---	---

Test Graphs

11A_Ant1_5180



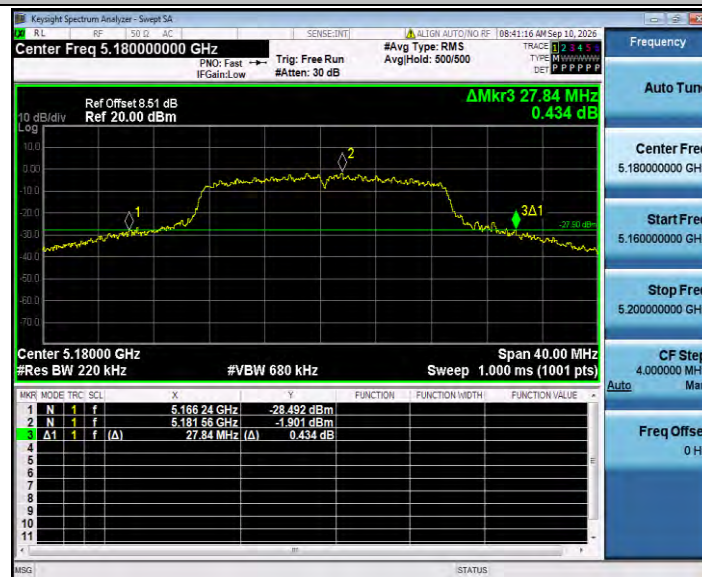
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



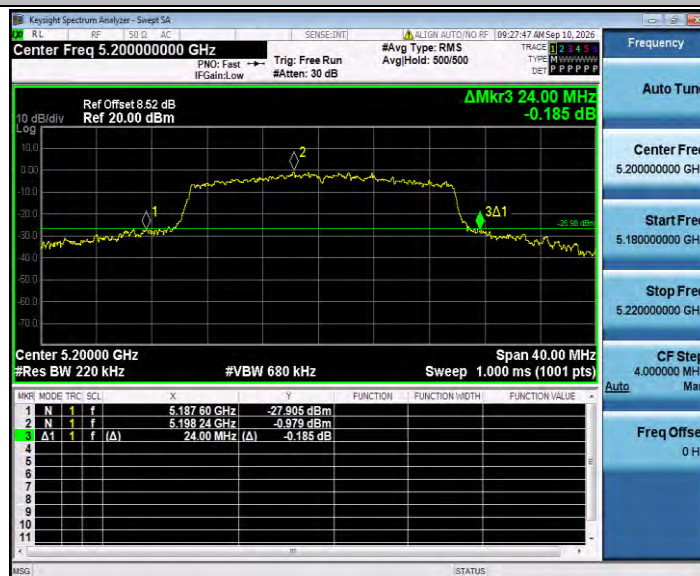
11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



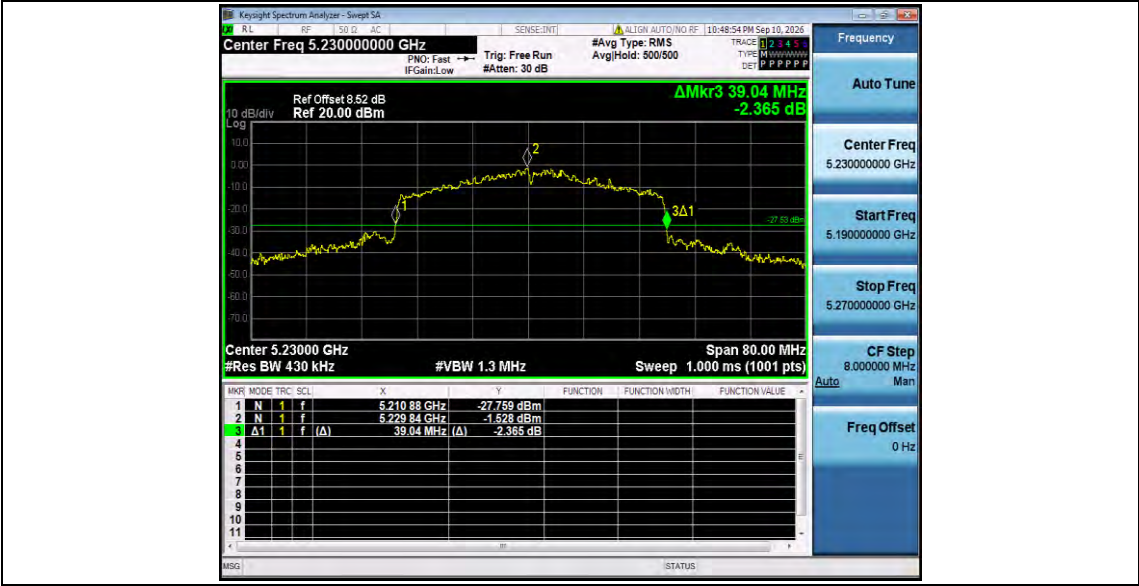
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

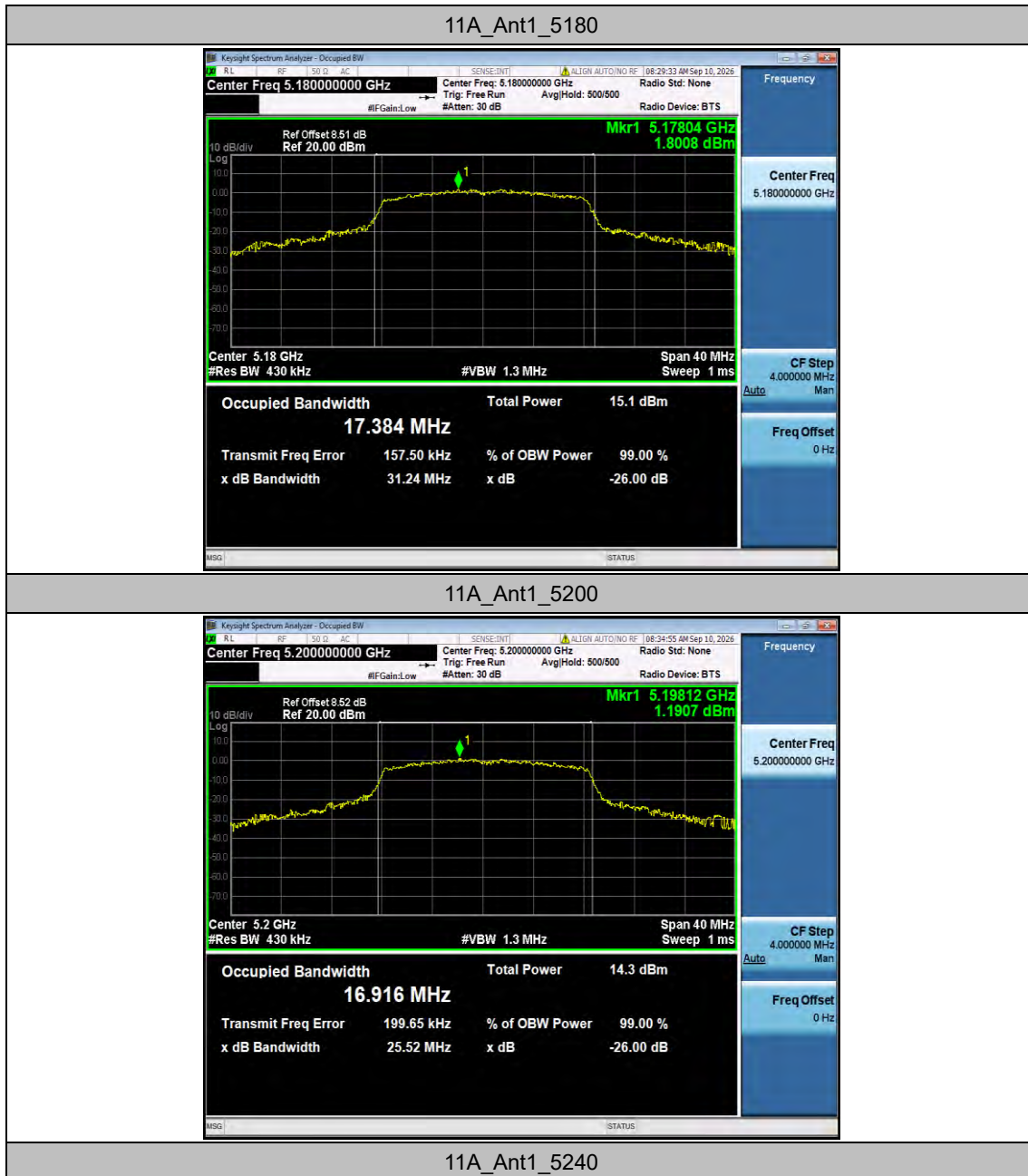


AppendixC.2: Occupied channel bandwidth

Test Result

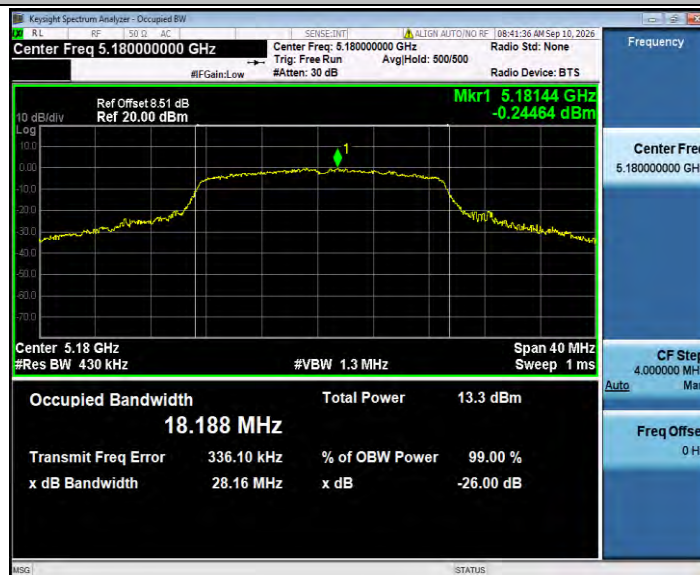
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.384	5171.4655	5188.8495	---	---
		5200	16.916	5191.7417	5208.6577	---	---
		5240	16.932	5231.7817	5248.7137	---	---
11N20SISO	Ant1	5180	18.188	5171.2421	5189.4301	---	---
		5200	18.124	5191.2098	5209.3338	---	---
		5240	18.150	5231.2115	5249.3615	---	---
11N40SISO	Ant1	5190	34.845	5172.8692	5207.7142	---	---
		5230	34.990	5212.7329	5247.7229	---	---
11AC20SISO	Ant1	5180	18.203	5171.2025	5189.4055	---	---
		5200	18.063	5191.2370	5209.3000	---	---
		5240	18.099	5231.2326	5249.3316	---	---
11AC40SISO	Ant1	5190	34.897	5172.8905	5207.7875	---	---
		5230	35.083	5212.7575	5247.8405	---	---
11AX20SISO	Ant1	5180	19.119	5170.6894	5189.8084	---	---
		5200	19.086	5190.6999	5209.7859	---	---
		5240	19.086	5230.7112	5249.7972	---	---
11AX40SISO	Ant1	5190	36.207	5172.2930	5208.5000	---	---
		5230	36.497	5212.1401	5248.6371	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



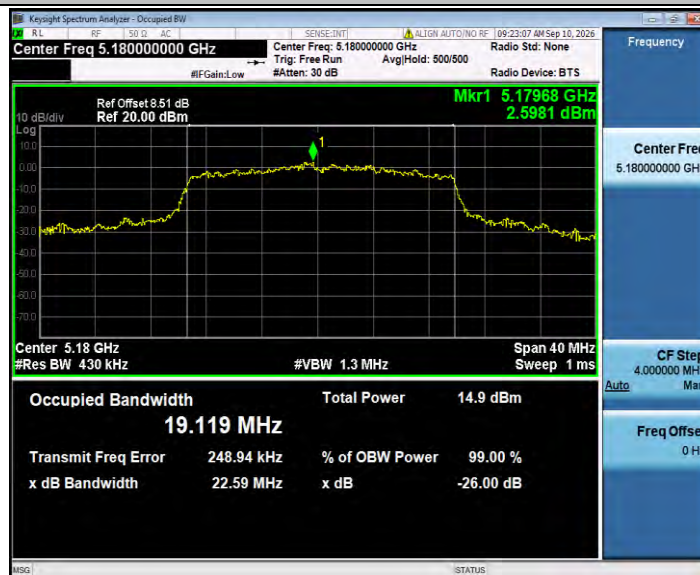
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



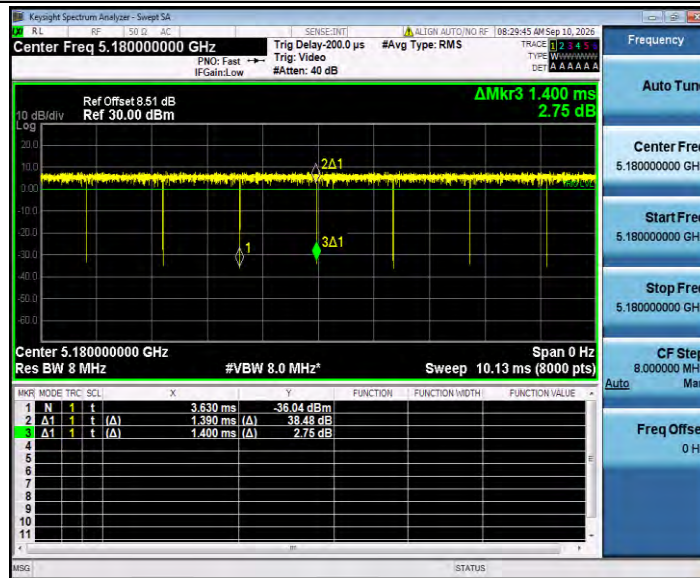
AppendixC.3: Duty Cycle

Test Result

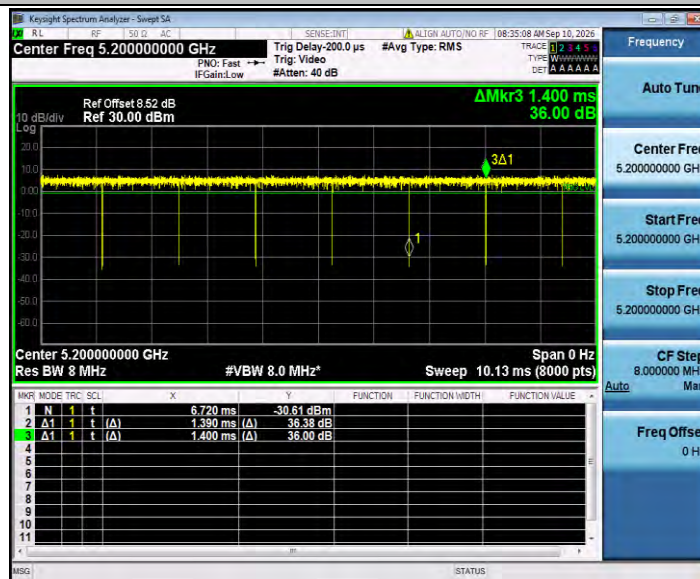
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.39	1.40	99.29	0.03	0.72
		5200	1.39	1.40	99.29	0.03	0.72
		5240	1.39	1.40	99.29	0.03	0.72
11N20SISO	Ant1	5180	1.30	1.30	100.00	0.00	0.77
		5200	1.30	1.31	99.24	0.03	0.77
		5240	1.30	1.31	99.24	0.03	0.77
11N40SISO	Ant1	5190	0.64	0.65	98.46	0.07	1.56
		5230	0.64	0.65	98.46	0.07	1.56
11AC20SISO	Ant1	5180	1.30	1.31	99.24	0.03	0.77
		5200	1.30	1.31	99.24	0.03	0.77
		5240	1.30	1.31	99.24	0.03	0.77
11AC40SISO	Ant1	5190	0.65	0.66	98.48	0.07	1.54
		5230	0.65	0.66	98.48	0.07	1.54
11AX20SISO	Ant1	5180	1.01	1.02	99.02	0.04	0.99
		5200	1.01	1.02	99.02	0.04	0.99
		5240	1.01	1.02	99.02	0.04	0.99
11AX40SISO	Ant1	5190	0.54	0.54	100.00	0.00	1.85
		5230	0.53	0.54	98.15	0.08	1.89

Test Graphs

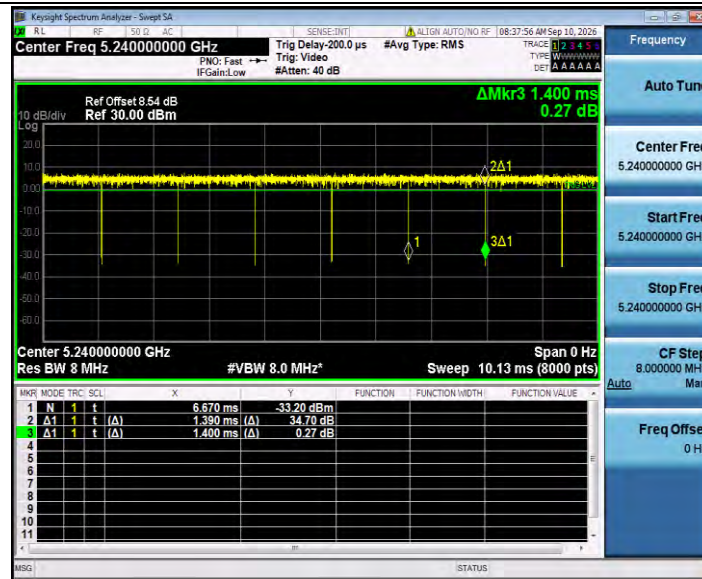
11A_Ant1_5180



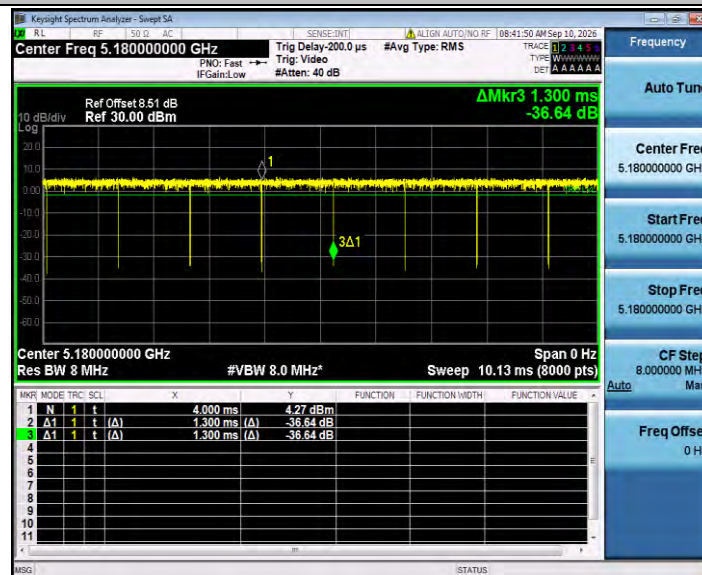
11A_Ant1_5200



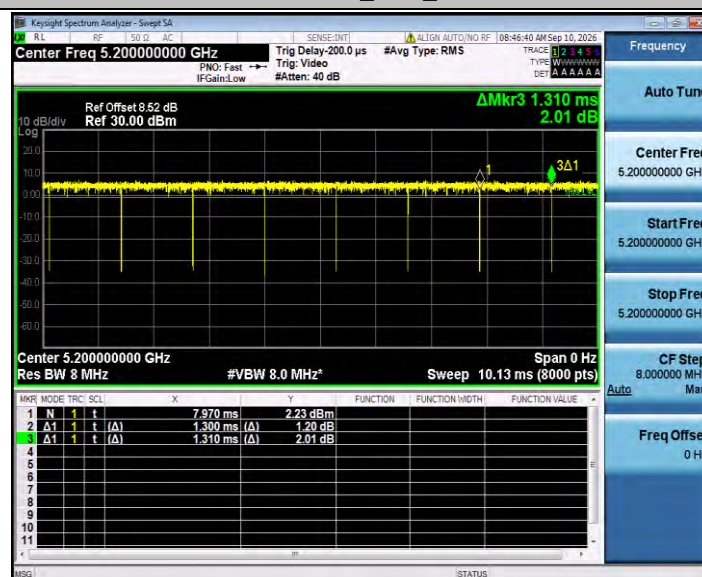
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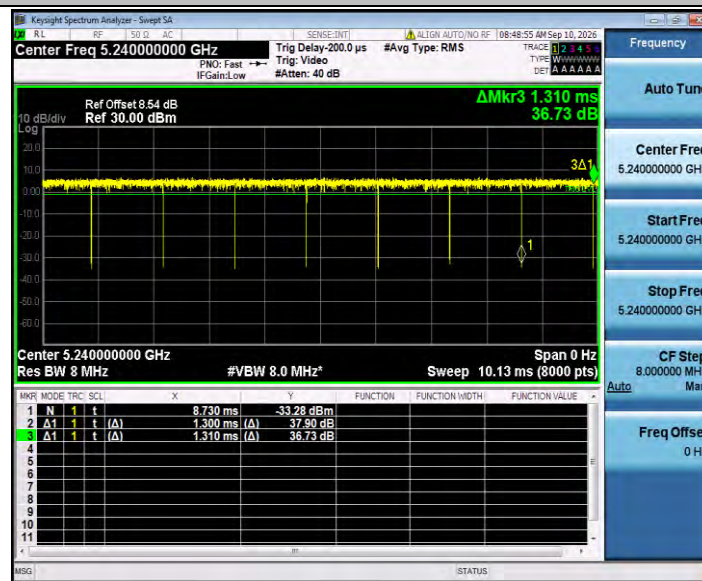
11N20SISO_Ant1_5180



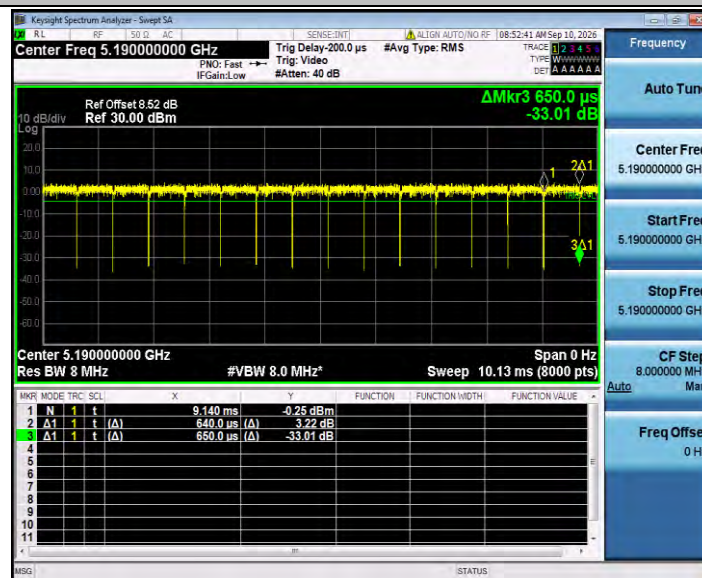
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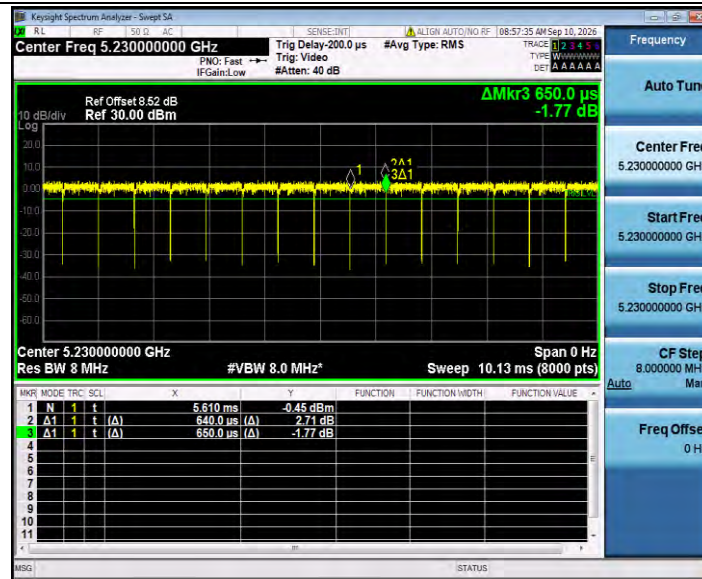
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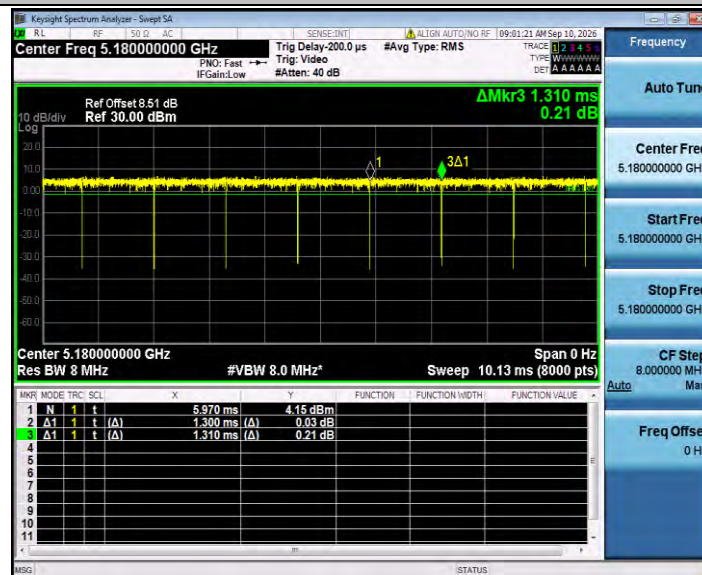
11N40SISO_Ant1_5190



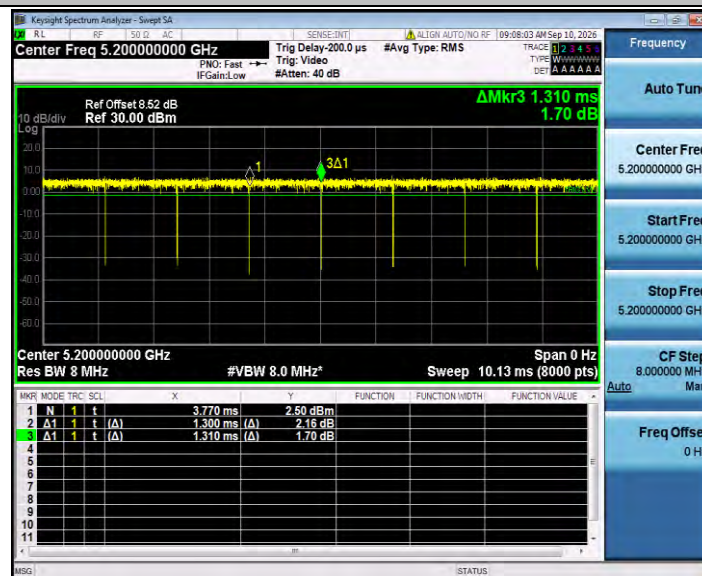
11N40SISO_Ant1_5230

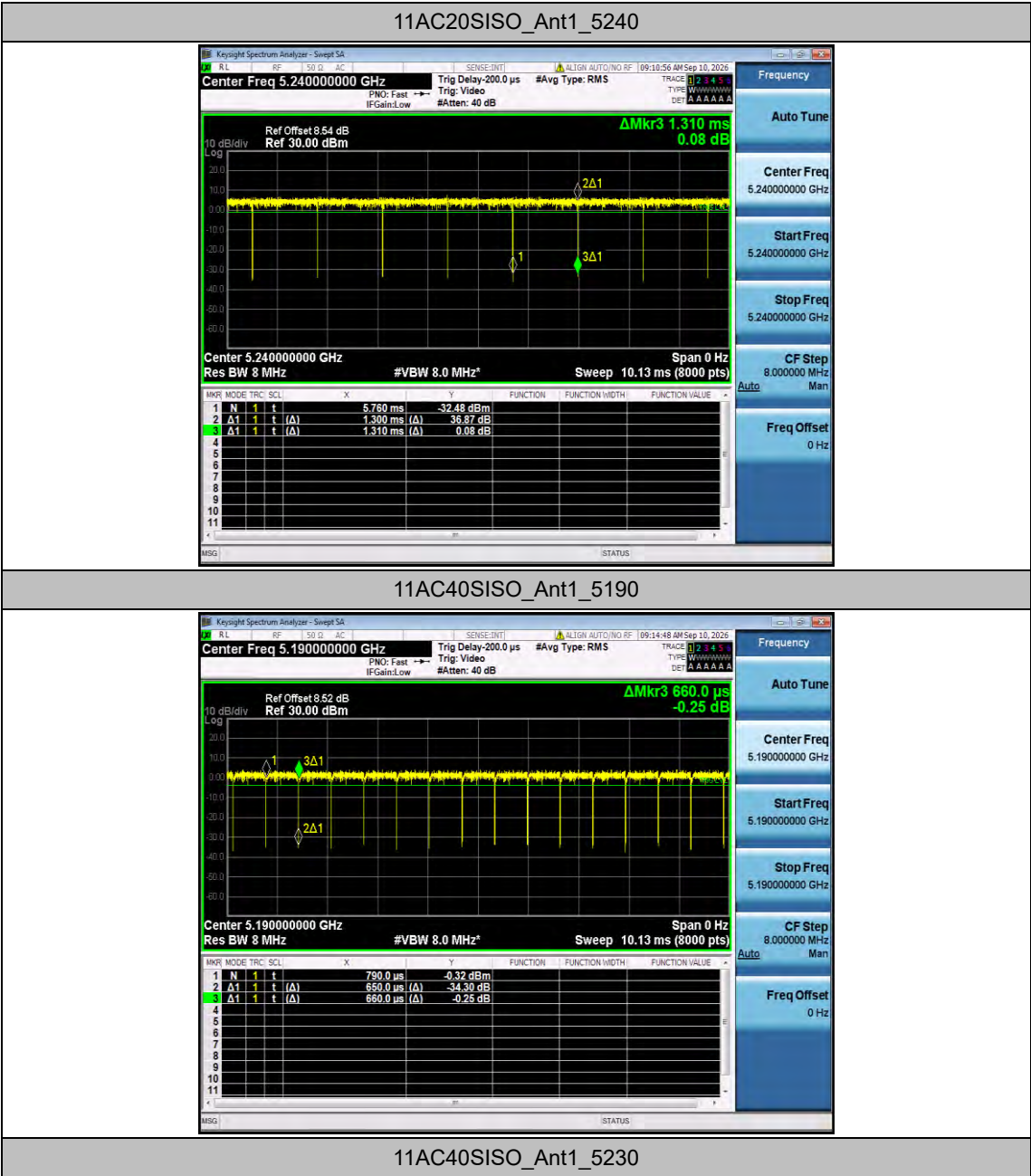


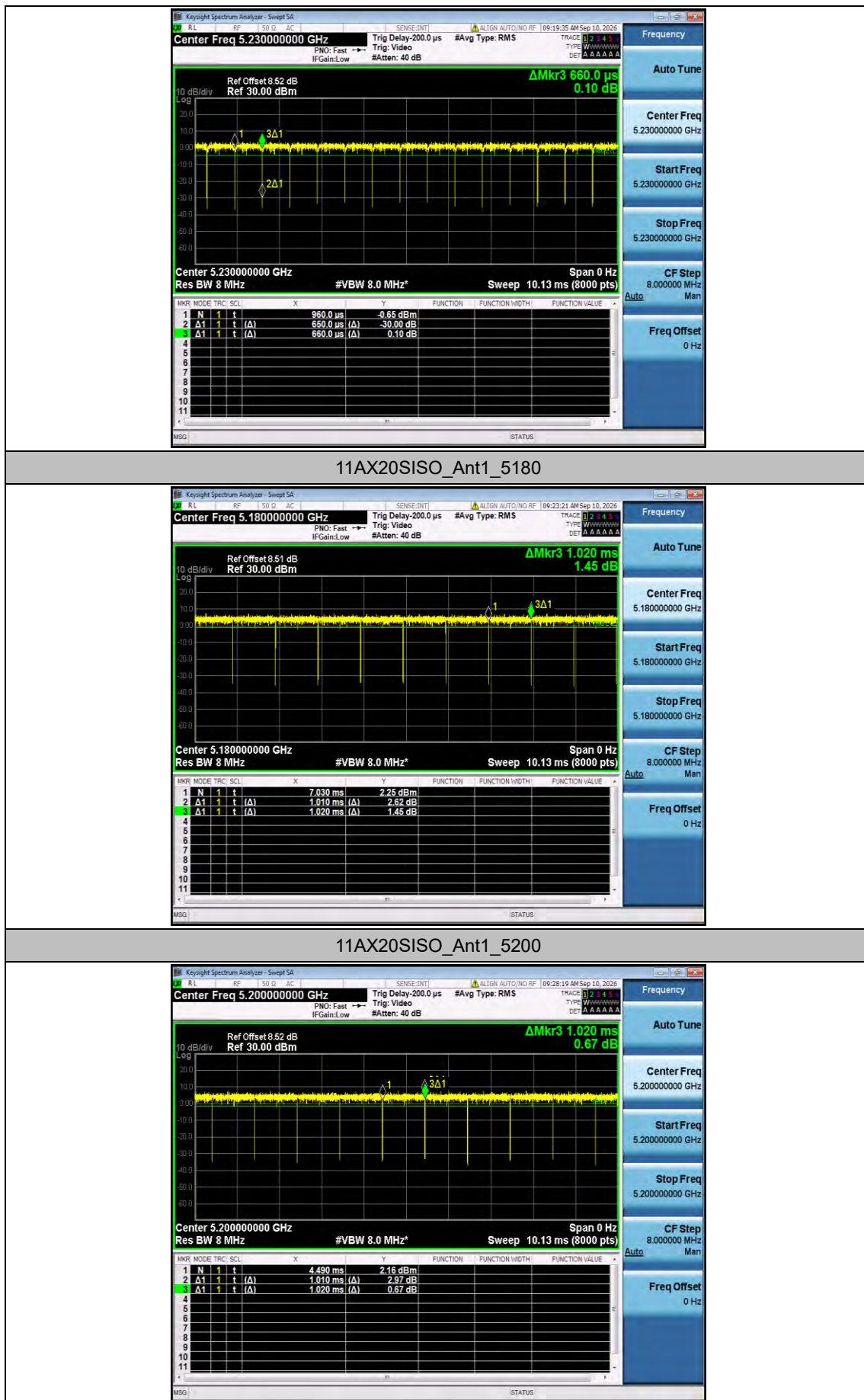
11AC20SISO_Ant1_5180

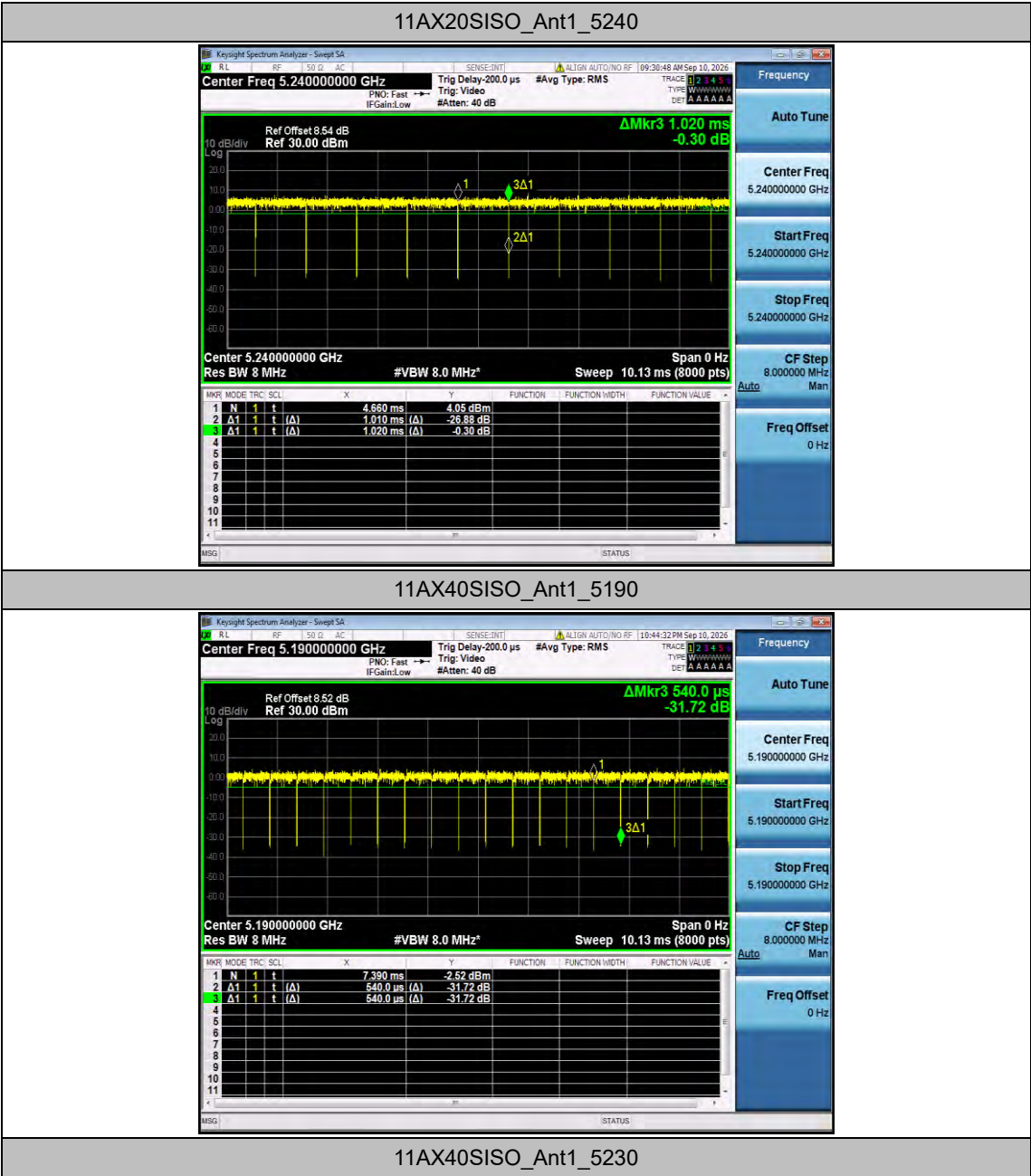


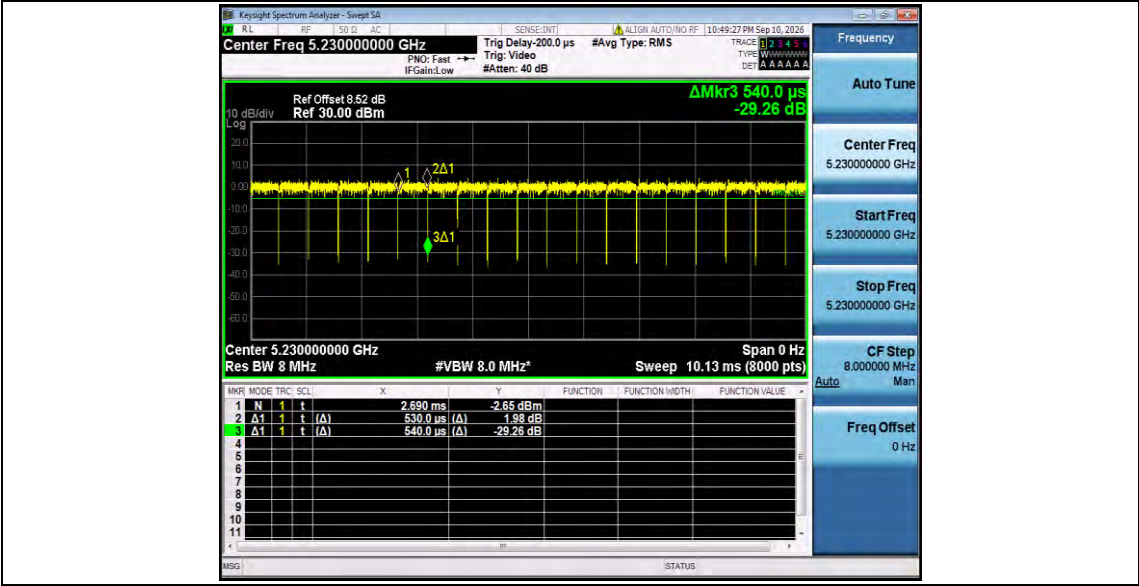
11AC20SISO_Ant1_5200











Appendix C.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.08	99.29	0.03	8.11	≤23.98	PASS
		5200	7.46	99.29	0.03	7.49	≤23.98	PASS
		5240	7.12	99.29	0.03	7.15	≤23.98	PASS
11N20SISO	Ant1	5180	6.65	100.00	0.00	6.65	≤23.98	PASS
		5200	7.02	99.24	0.03	7.05	≤23.98	PASS
		5240	6.89	99.24	0.03	6.92	≤23.98	PASS
11N40SISO	Ant1	5190	5.29	98.46	0.07	5.36	≤23.98	PASS
		5230	5.03	98.46	0.07	5.10	≤23.98	PASS
11AC20SISO	Ant1	5180	7.01	99.24	0.03	7.04	≤23.98	PASS
		5200	6.95	99.24	0.03	6.98	≤23.98	PASS
		5240	6.90	99.24	0.03	6.93	≤23.98	PASS
11AC40SISO	Ant1	5190	5.24	98.48	0.07	5.31	≤23.98	PASS
		5230	4.94	98.48	0.07	5.01	≤23.98	PASS
11AX20SISO	Ant1	5180	6.77	99.02	0.04	6.81	≤23.98	PASS
		5200	6.86	99.02	0.04	6.90	≤23.98	PASS
		5240	6.66	99.02	0.04	6.70	≤23.98	PASS
11AX40SISO	Ant1	5190	4.50	100.00	0.00	4.50	≤23.98	PASS
		5230	3.91	98.15	0.08	3.99	≤23.98	PASS

AppendixC.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.66	≤11.00	PASS
		5200	-3.07	≤11.00	PASS
		5240	-3.37	≤11.00	PASS
11N20SISO	Ant1	5180	-4.11	≤11.00	PASS
		5200	-3.63	≤11.00	PASS
		5240	-3.68	≤11.00	PASS
11N40SISO	Ant1	5190	-6.19	≤11.00	PASS
		5230	-6.48	≤11.00	PASS
11AC20SISO	Ant1	5180	-3.82	≤11.00	PASS
		5200	-3.54	≤11.00	PASS
		5240	-3.75	≤11.00	PASS
11AC40SISO	Ant1	5190	-6.24	≤11.00	PASS
		5230	-6.59	≤11.00	PASS
11AX20SISO	Ant1	5180	-4.20	≤11.00	PASS
		5200	-3.88	≤11.00	PASS
		5240	-4.16	≤11.00	PASS
11AX40SISO	Ant1	5190	-7.26	≤11.00	PASS
		5230	-7.83	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant1_5180



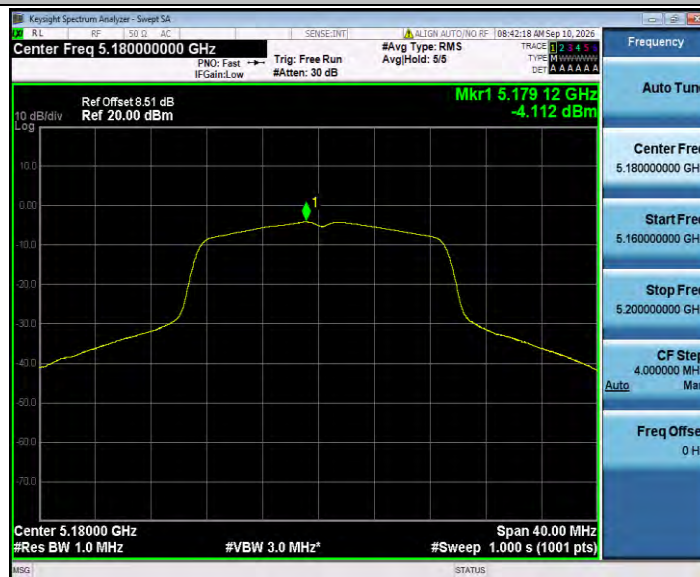
11A_Ant1_5200



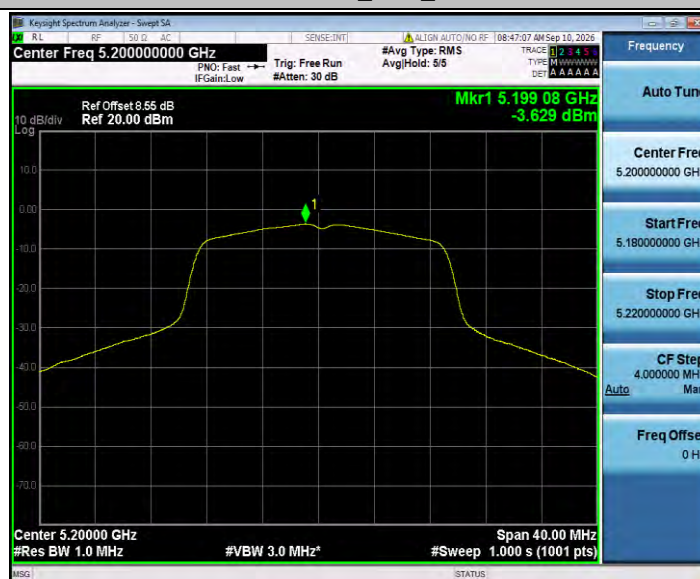
11A_Ant1_5240



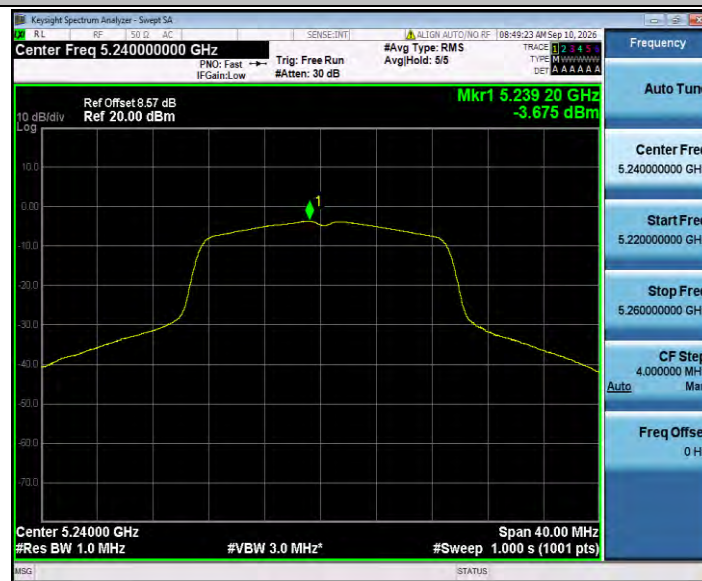
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



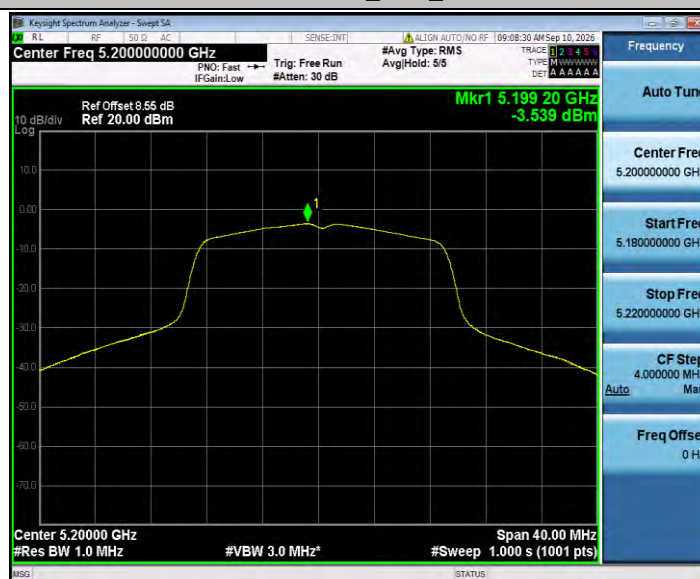
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11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



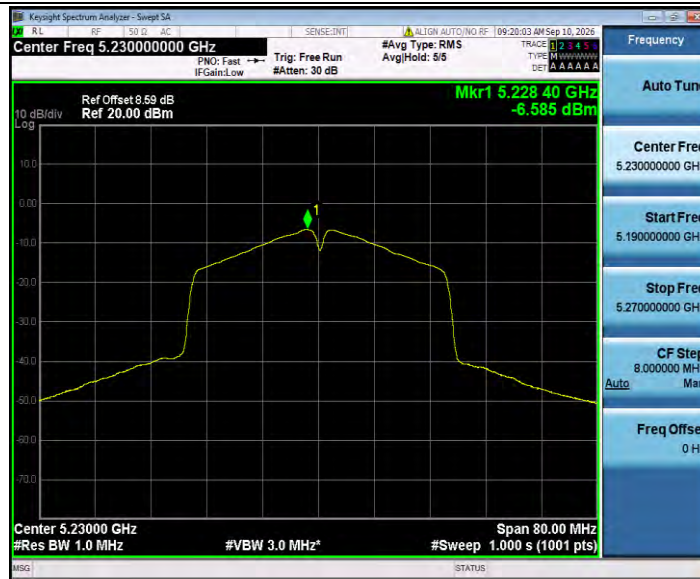
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11AC40SISO_Ant1_5190



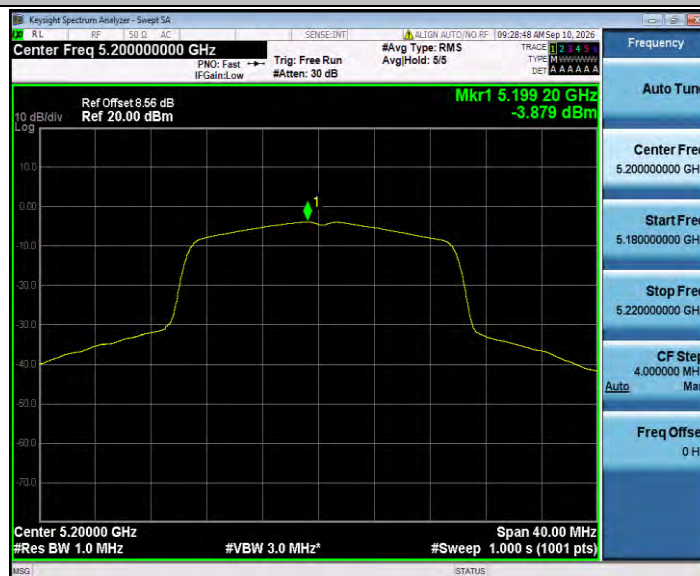
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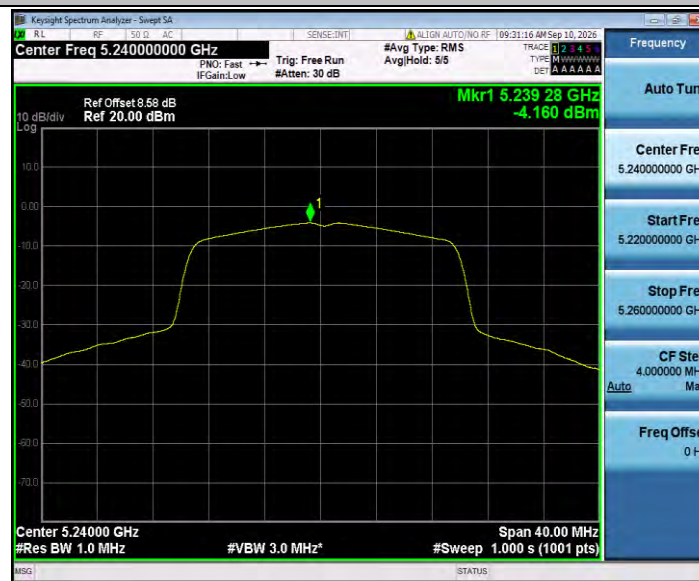
11AX20SISO_Ant1_5180



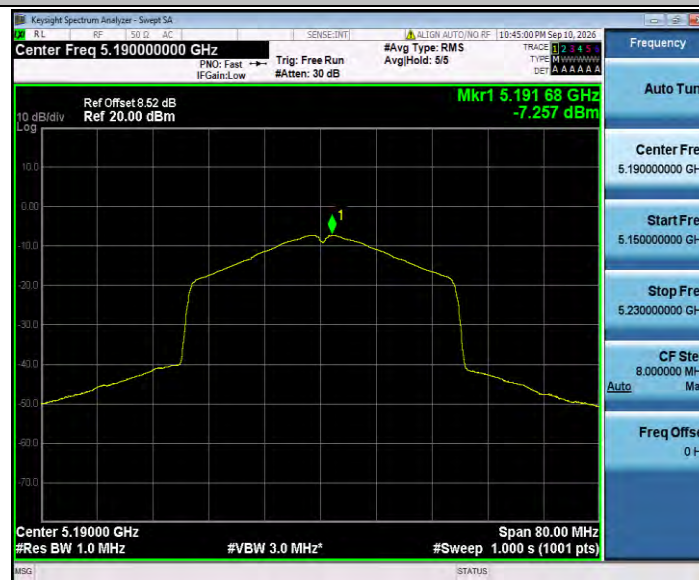
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11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

