

Case No. : <u>GTS20260529017-1-04</u>
Ambient Condition: <u>25</u> °C, <u>61</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.5.11-2026.6.12</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.040	5168.120	5192.160	---	---
		5200	24.080	5187.800	5211.880	---	---
		5240	24.680	5227.240	5251.920	---	---
11N20SISO	Ant1	5180	25.800	5167.160	5192.960	---	---
		5200	25.880	5187.040	5212.920	---	---
		5240	25.480	5227.240	5252.720	---	---
11N40SISO	Ant1	5190	45.440	5167.200	5212.640	---	---
		5230	45.200	5207.280	5252.480	---	---
11AC20SISO	Ant1	5180	25.960	5166.920	5192.880	---	---
		5200	26.400	5187.320	5213.720	---	---
		5240	25.520	5227.120	5252.640	---	---
11AC40SISO	Ant1	5190	47.120	5165.680	5212.800	---	---
		5230	46.400	5206.960	5253.360	---	---
11AX20SISO	Ant1	5180	24.240	5167.760	5192.000	---	---
		5200	25.720	5187.760	5213.480	---	---
		5240	24.840	5227.640	5252.480	---	---
11AX40SISO	Ant1	5190	44.640	5168.000	5212.640	---	---
		5230	45.120	5207.920	5253.040	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



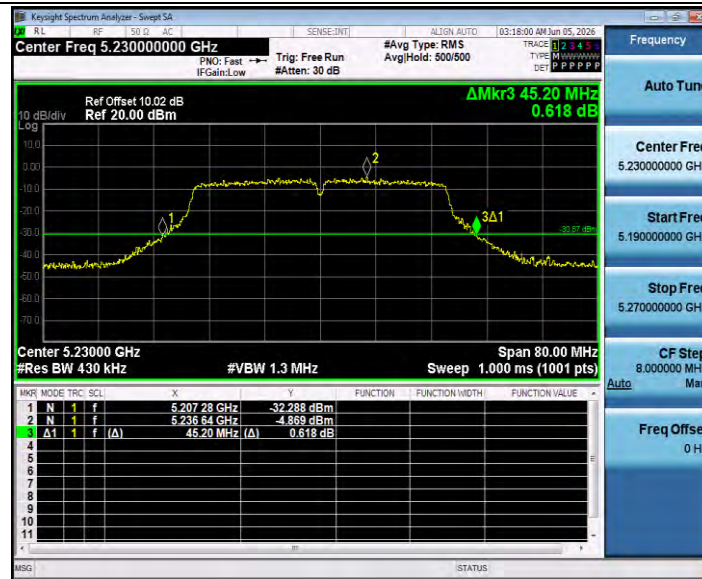
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



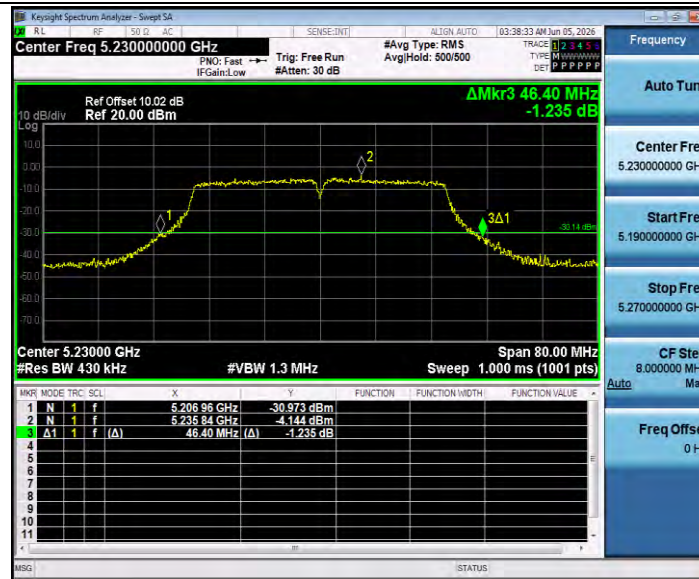
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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



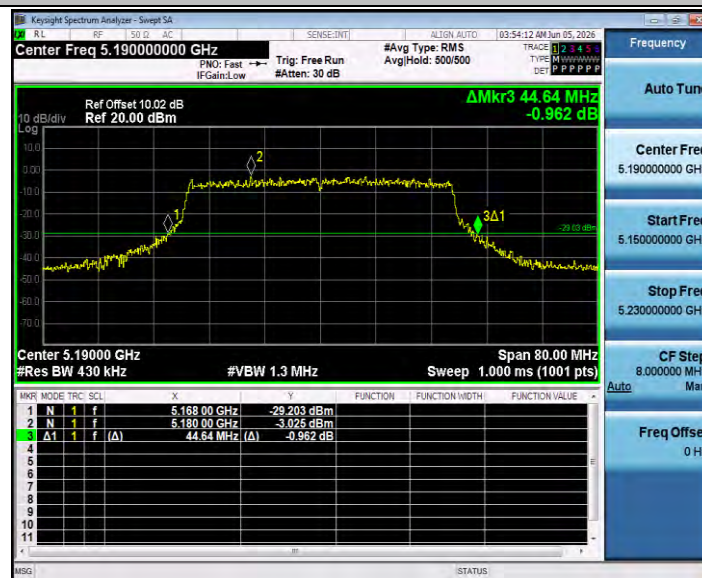
11AX20SISO_Ant1_5200



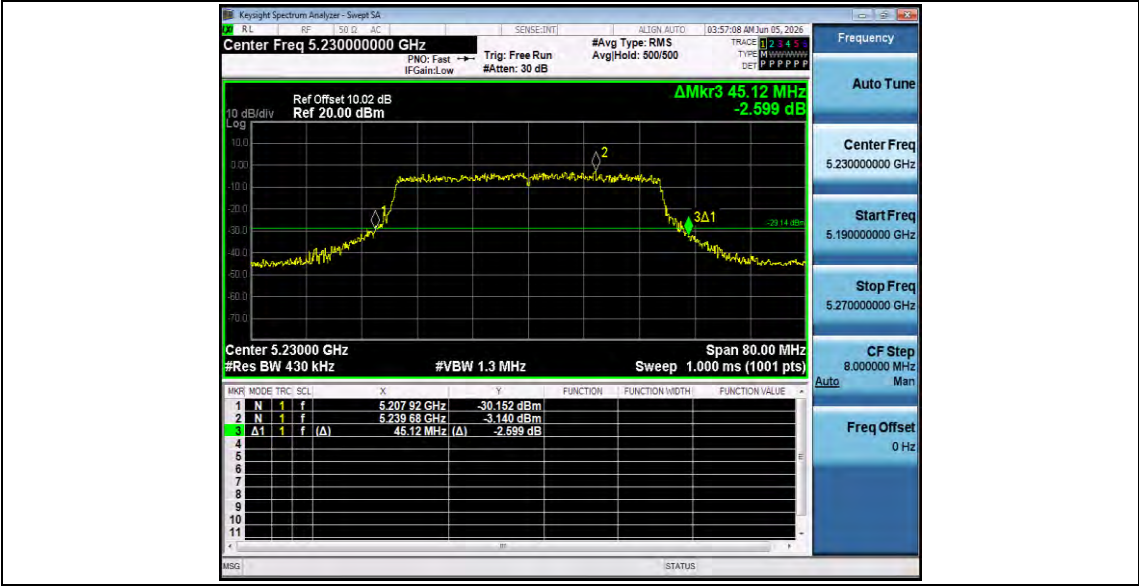
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

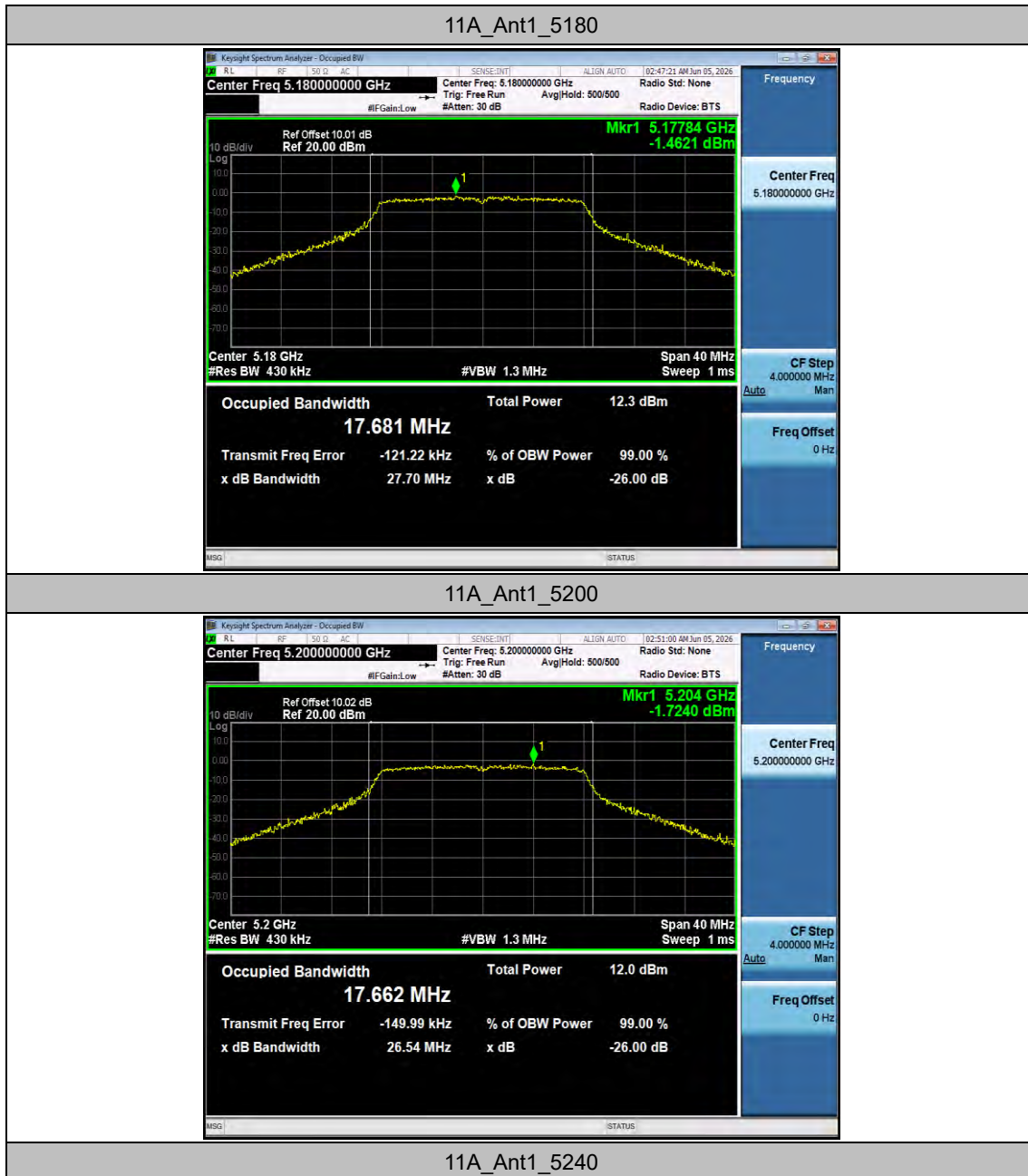


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.681	5171.0383	5188.7193	---	---
		5200	17.662	5191.0190	5208.6810	---	---
		5240	17.612	5231.0876	5248.6996	---	---
11N20SISO	Ant1	5180	18.699	5170.5847	5189.2837	---	---
		5200	18.712	5190.5850	5209.2970	---	---
		5240	18.715	5230.5963	5249.3113	---	---
11N40SISO	Ant1	5190	37.209	5171.3445	5208.5535	---	---
		5230	37.307	5211.3093	5248.6163	---	---
11AC20SISO	Ant1	5180	18.728	5170.5862	5189.3142	---	---
		5200	18.721	5190.5953	5209.3163	---	---
		5240	18.708	5230.6103	5249.3183	---	---
11AC40SISO	Ant1	5190	37.300	5171.3103	5208.6103	---	---
		5230	37.263	5211.4311	5248.6941	---	---
11AX20SISO	Ant1	5180	19.498	5170.2281	5189.7261	---	---
		5200	19.487	5190.1826	5209.6696	---	---
		5240	19.549	5230.2319	5249.7809	---	---
11AX40SISO	Ant1	5190	38.227	5170.8313	5209.0583	---	---
		5230	38.223	5210.8693	5249.0923	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



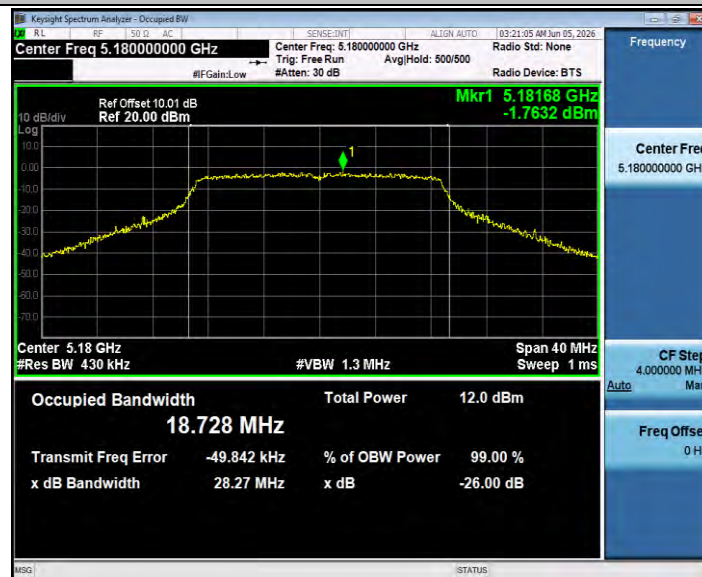
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



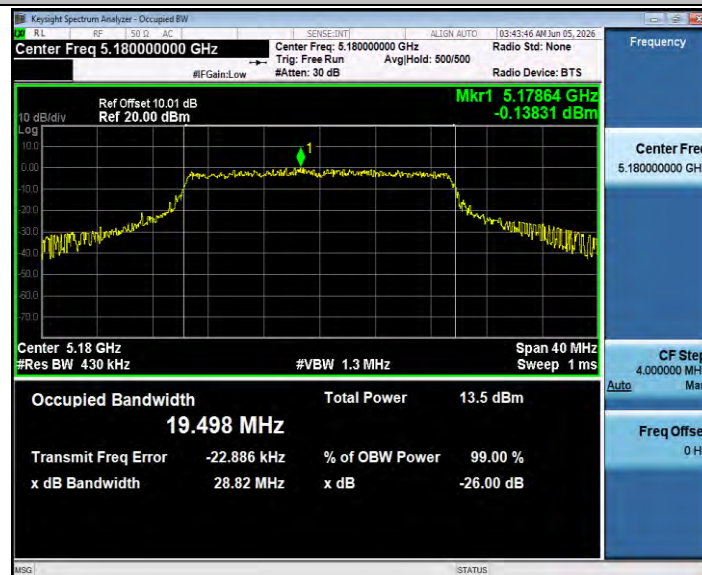
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11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



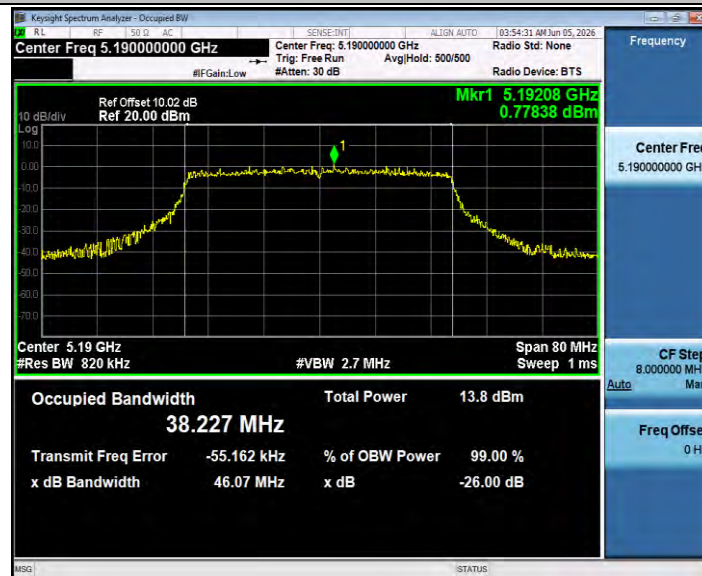
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



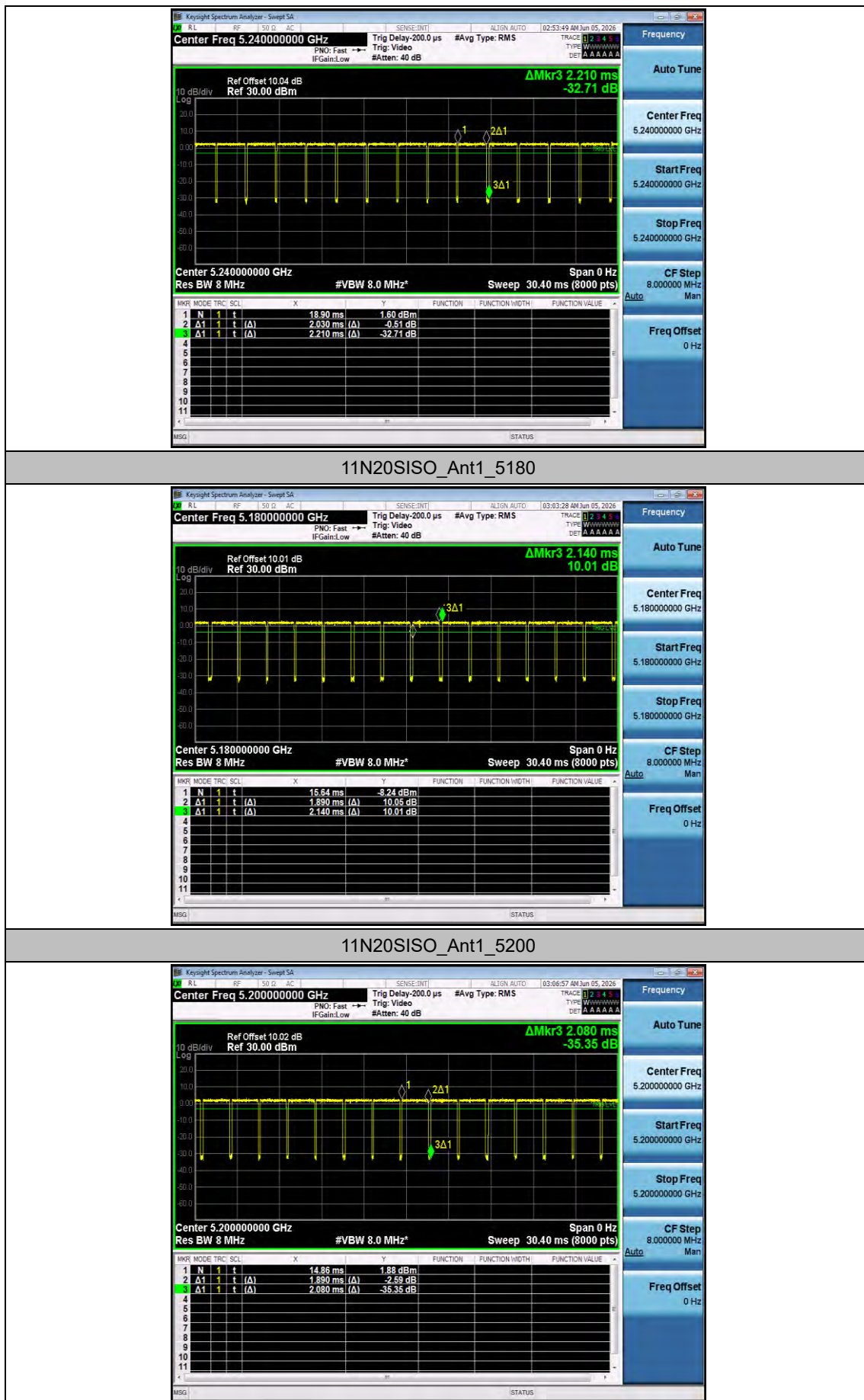
11AX40SISO_Ant1_5230



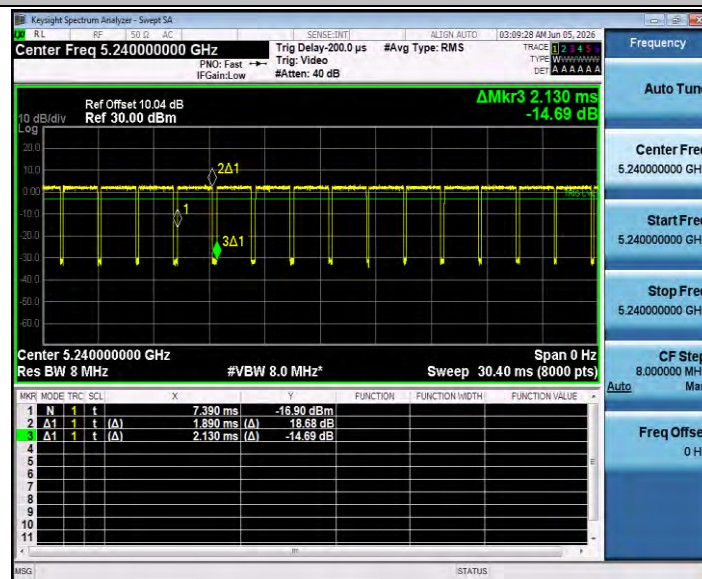
Appendix D.3: Duty Cycle

Test Result

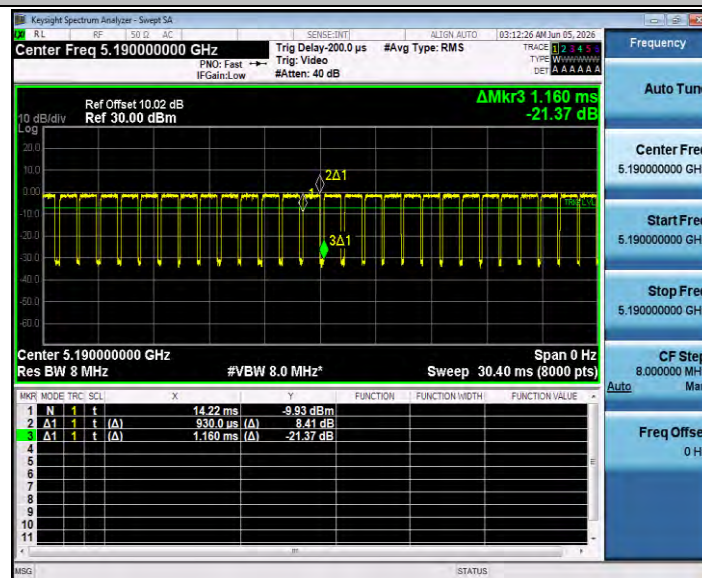
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	2.03	2.24	90.63	0.43	0.49
		5200	2.03	2.21	91.86	0.37	0.49
		5240	2.03	2.21	91.86	0.37	0.49
11N20SISO	Ant1	5180	1.89	2.14	88.32	0.54	0.53
		5200	1.89	2.08	90.87	0.42	0.53
		5240	1.89	2.13	88.73	0.52	0.53
11N40SISO	Ant1	5190	0.93	1.16	80.17	0.96	1.08
		5230	0.93	1.23	75.61	1.21	1.08
11AC20SISO	Ant1	5180	1.90	2.23	85.20	0.70	0.53
		5200	1.90	2.16	87.96	0.56	0.53
		5240	1.90	2.20	86.36	0.64	0.53
11AC40SISO	Ant1	5190	0.94	1.11	84.68	0.72	1.06
		5230	0.93	1.27	73.23	1.35	1.08
11AX20SISO	Ant1	5180	1.47	1.78	82.58	0.83	0.68
		5200	1.47	1.62	90.74	0.42	0.68
		5240	1.46	1.63	89.57	0.48	0.68
11AX40SISO	Ant1	5190	0.76	0.94	80.85	0.92	1.32
		5230	0.76	1.00	76.00	1.19	1.32



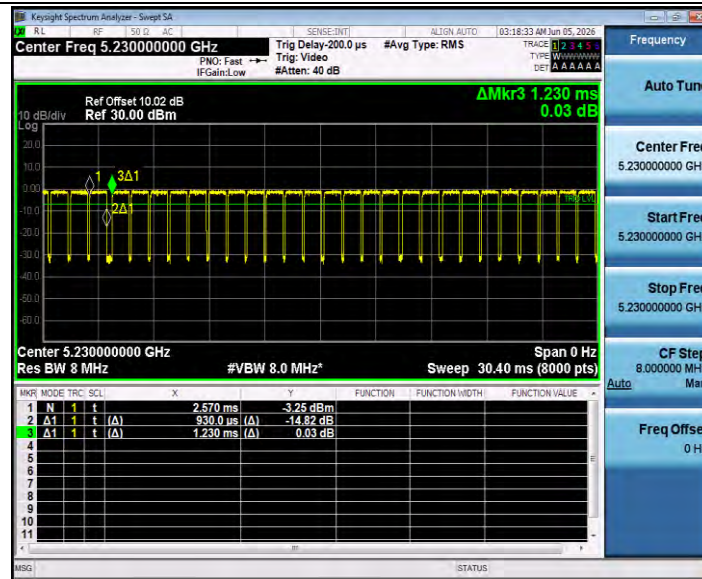
11N20SISO_Ant1_5240



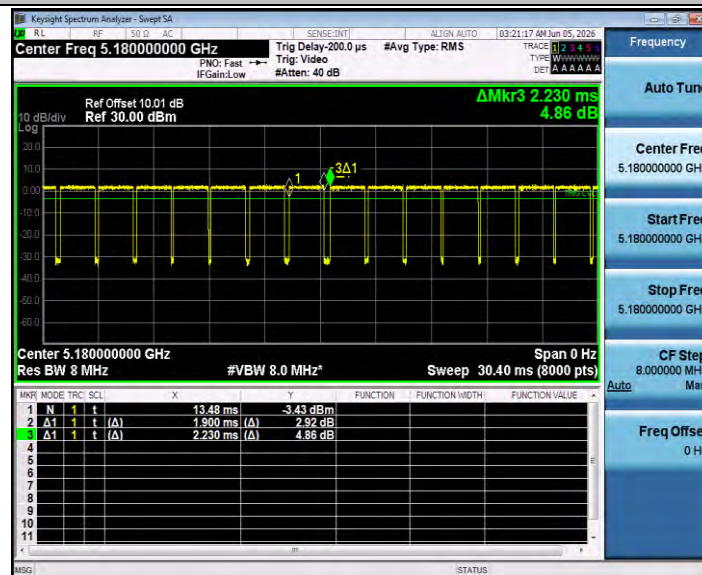
11N40SISO_Ant1_5190



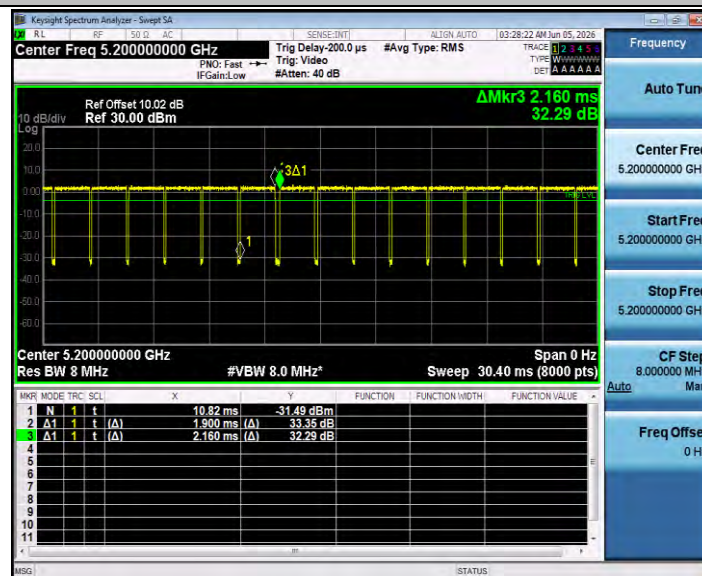
11N40SISO_Ant1_5230

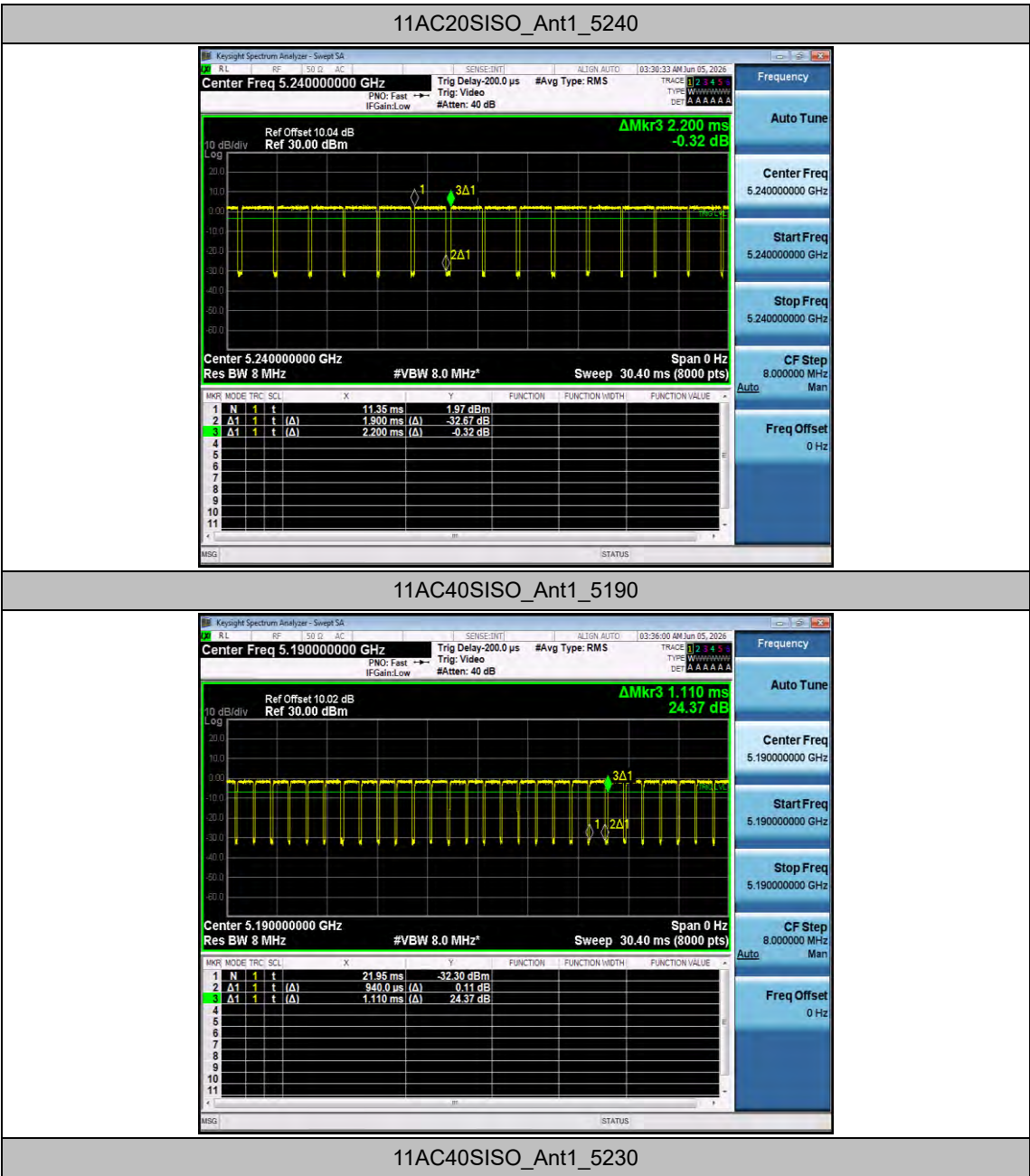


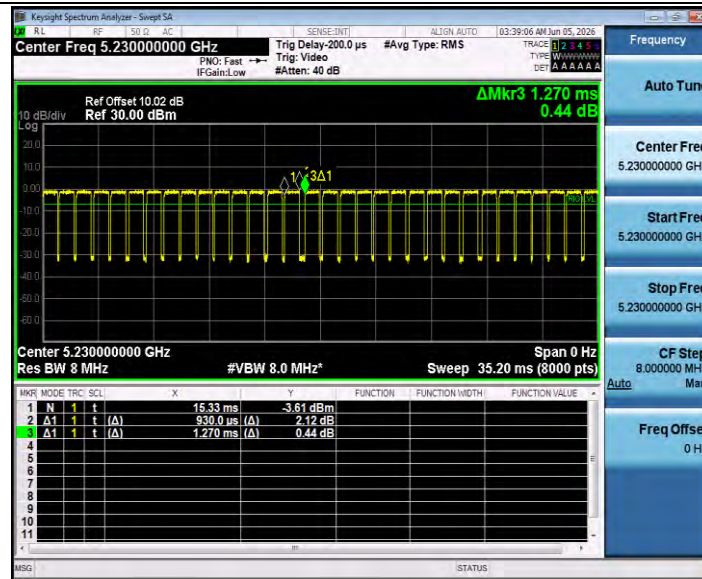
11AC20SISO_Ant1_5180



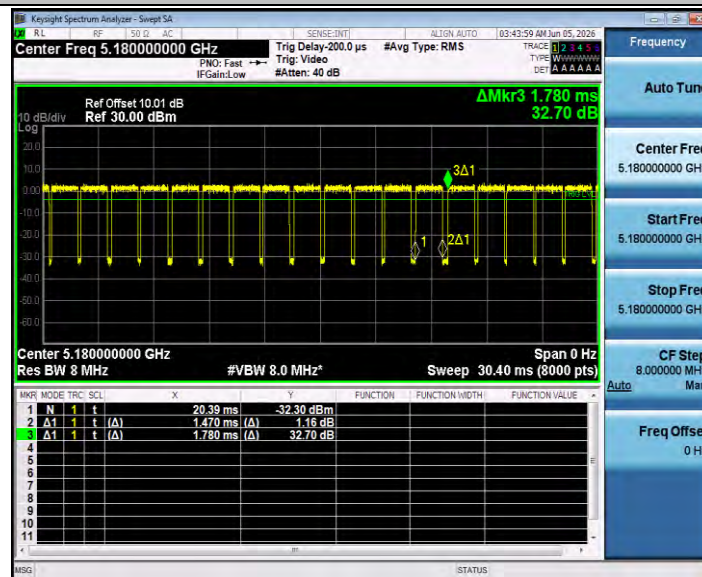
11AC20SISO_Ant1_5200



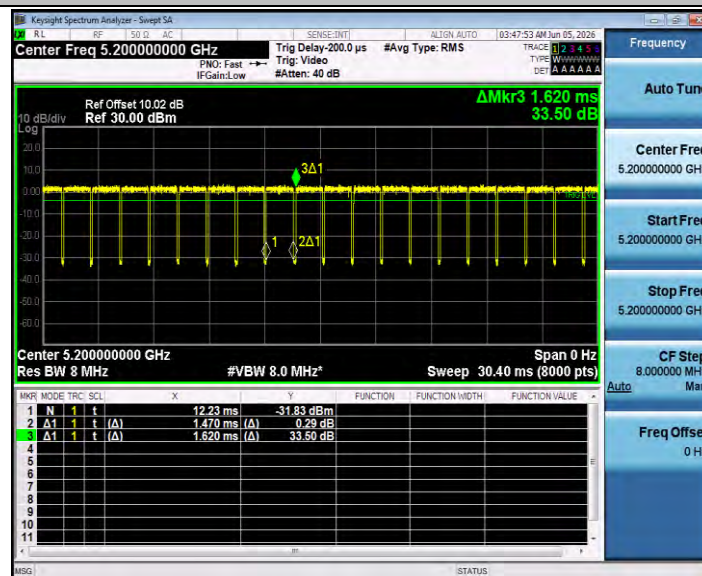




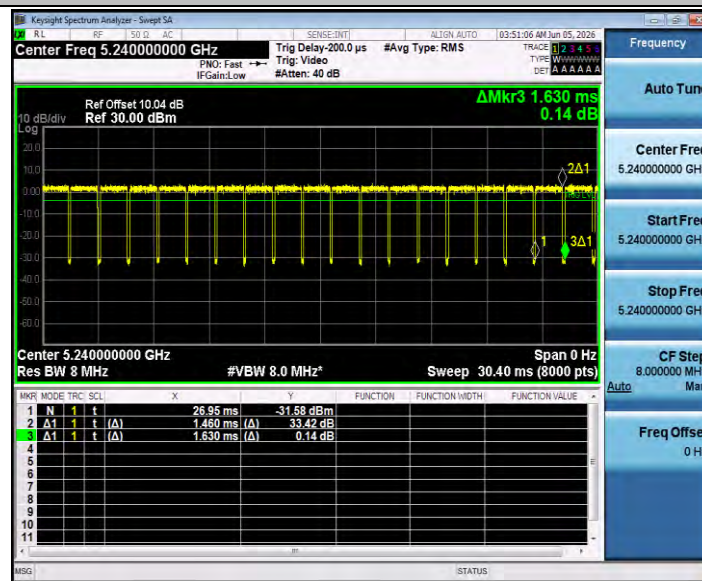
11AX20SISO_Ant1_5180



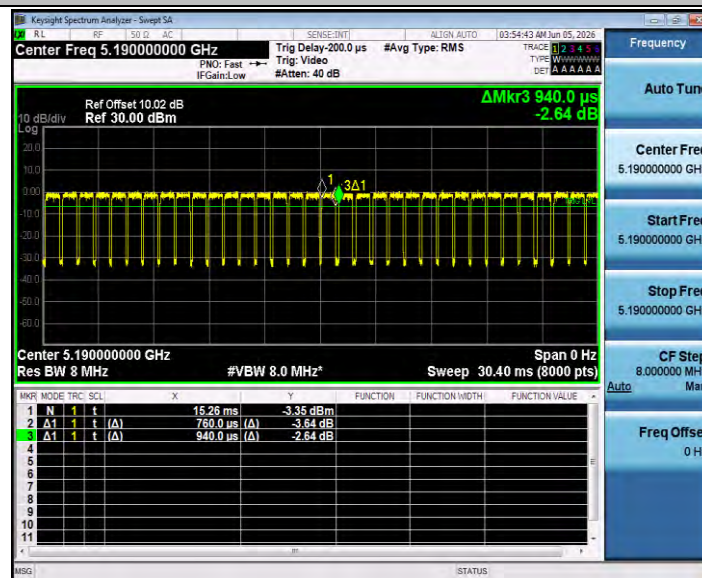
11AX20SISO_Ant1_5200



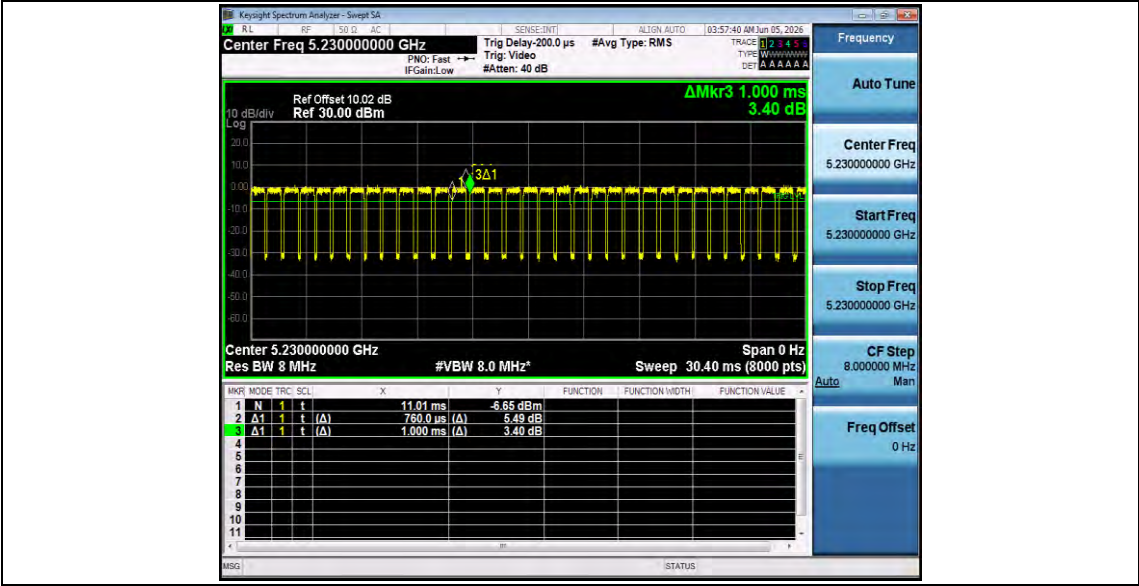
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



Appendix D.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	5.13	90.63	0.43	5.56	≤23.98	PASS
		5200	4.80	91.86	0.37	5.17	≤23.98	PASS
		5240	4.93	91.86	0.37	5.30	≤23.98	PASS
11N20SISO	Ant1	5180	5.10	88.32	0.54	5.64	≤23.98	PASS
		5200	5.15	90.87	0.42	5.57	≤23.98	PASS
		5240	5.15	88.73	0.52	5.67	≤23.98	PASS
11N40SISO	Ant1	5190	4.30	80.17	0.96	5.26	≤23.98	PASS
		5230	4.38	75.61	1.21	5.59	≤23.98	PASS
11AC20SISO	Ant1	5180	4.81	85.20	0.70	5.51	≤23.98	PASS
		5200	4.90	87.96	0.56	5.46	≤23.98	PASS
		5240	5.07	86.36	0.64	5.71	≤23.98	PASS
11AC40SISO	Ant1	5190	4.27	84.68	0.72	4.99	≤23.98	PASS
		5230	4.48	73.23	1.35	5.83	≤23.98	PASS
11AX20SISO	Ant1	5180	4.79	82.58	0.83	5.62	≤23.98	PASS
		5200	4.79	90.74	0.42	5.21	≤23.98	PASS
		5240	4.87	89.57	0.48	5.35	≤23.98	PASS
11AX40SISO	Ant1	5190	4.08	80.85	0.92	5.00	≤23.98	PASS
		5230	4.37	76.00	1.19	5.56	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-5.58	≤11.00	PASS
		5200	-5.87	≤11.00	PASS
		5240	-5.66	≤11.00	PASS
11N20SISO	Ant1	5180	-5.83	≤11.00	PASS
		5200	-5.87	≤11.00	PASS
		5240	-5.61	≤11.00	PASS
11N40SISO	Ant1	5190	-9.00	≤11.00	PASS
		5230	-8.63	≤11.00	PASS
11AC20SISO	Ant1	5180	-5.89	≤11.00	PASS
		5200	-5.82	≤11.00	PASS
		5240	-5.61	≤11.00	PASS
11AC40SISO	Ant1	5190	-9.24	≤11.00	PASS
		5230	-8.32	≤11.00	PASS
11AX20SISO	Ant1	5180	-5.98	≤11.00	PASS
		5200	-6.40	≤11.00	PASS
		5240	-6.15	≤11.00	PASS
11AX40SISO	Ant1	5190	-9.37	≤11.00	PASS
		5230	-9.05	≤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



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

