

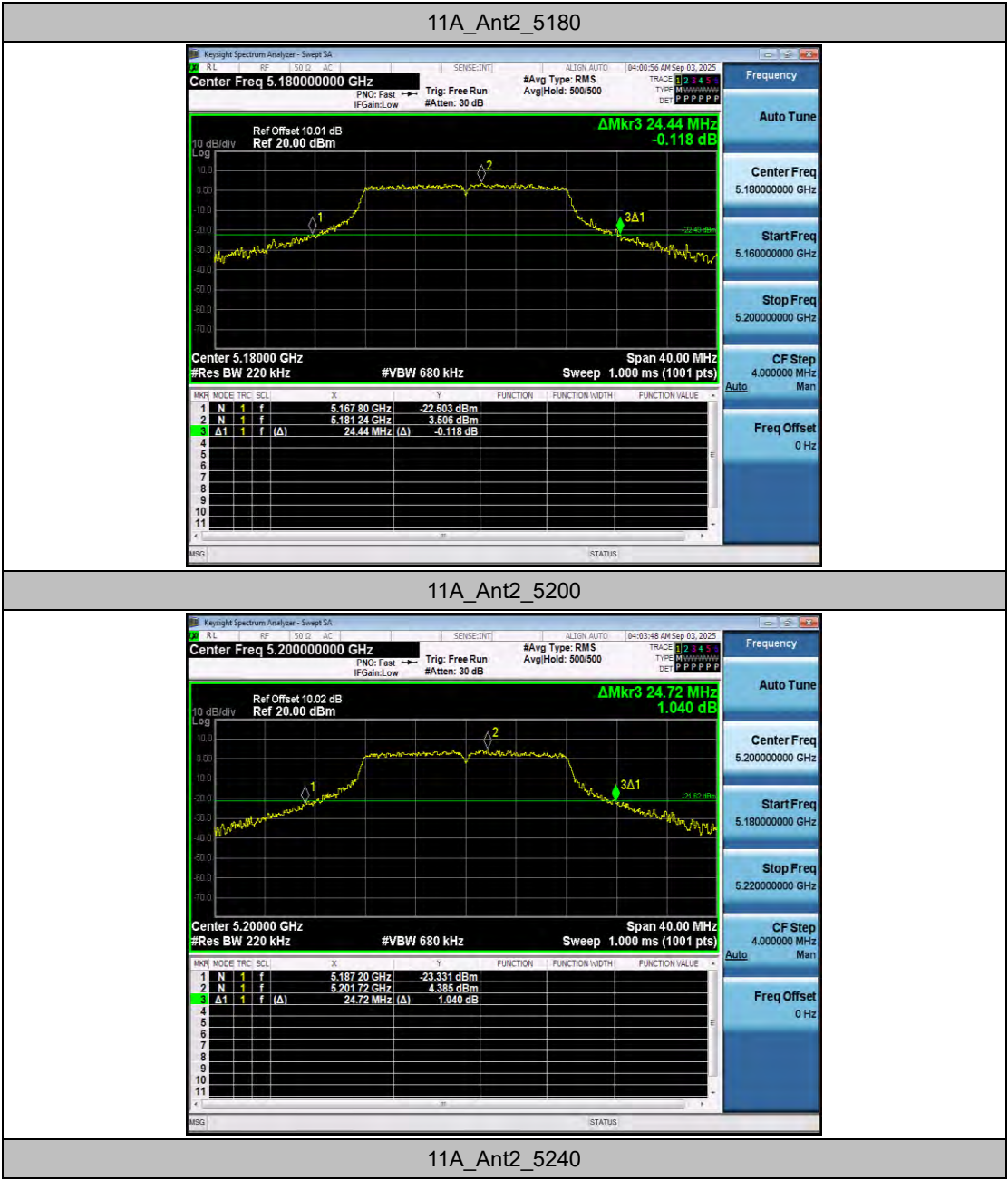
Case No. : <u>GTS20250626004-4-1</u>	
Ambient Condition: <u>22</u> °C, <u>59</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.8.29-9.3</u>	Test Engineer: <u>Evan ouyang</u>

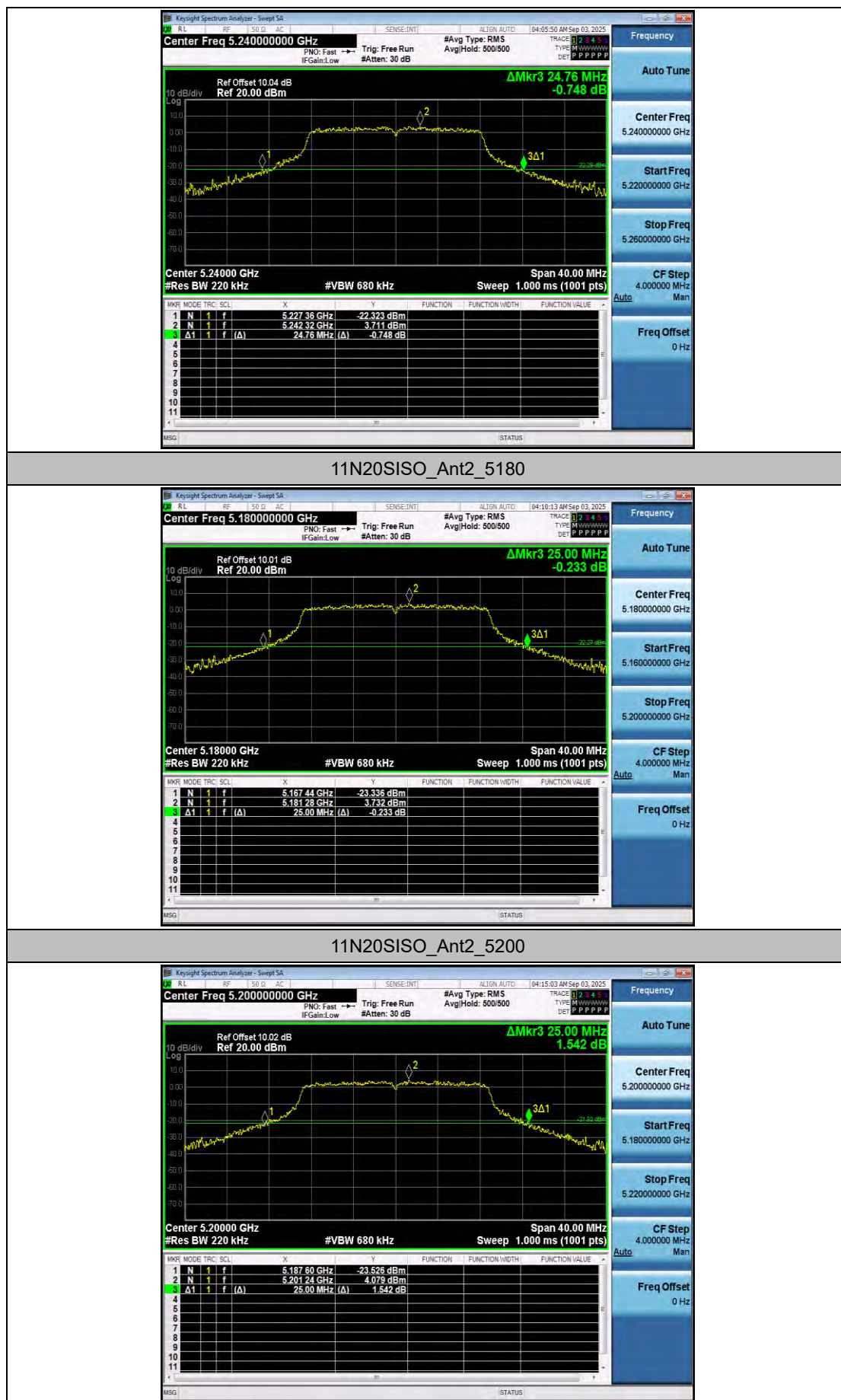
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	24.440	5167.800	5192.240	---	---
		5200	24.720	5187.200	5211.920	---	---
		5240	24.760	5227.360	5252.120	---	---
11N20SISO	Ant2	5180	25.000	5167.440	5192.440	---	---
		5200	25.000	5187.600	5212.600	---	---
		5240	26.760	5226.440	5253.200	---	---
11N40SISO	Ant2	5190	45.520	5167.600	5213.120	---	---
		5230	45.600	5207.120	5252.720	---	---
11AC20SISO	Ant2	5180	25.640	5167.240	5192.880	---	---
		5200	25.520	5187.200	5212.720	---	---
		5240	26.160	5227.560	5253.720	---	---
11AC40SISO	Ant2	5190	45.200	5167.760	5212.960	---	---
		5230	45.200	5207.520	5252.720	---	---
11AX20SISO	Ant2	5180	24.960	5167.600	5192.560	---	---
		5200	25.000	5187.400	5212.400	---	---
		5240	26.320	5226.440	5252.760	---	---
11AX40SISO	Ant2	5190	44.880	5167.680	5212.560	---	---
		5230	45.040	5207.600	5252.640	---	---

Test Graphs





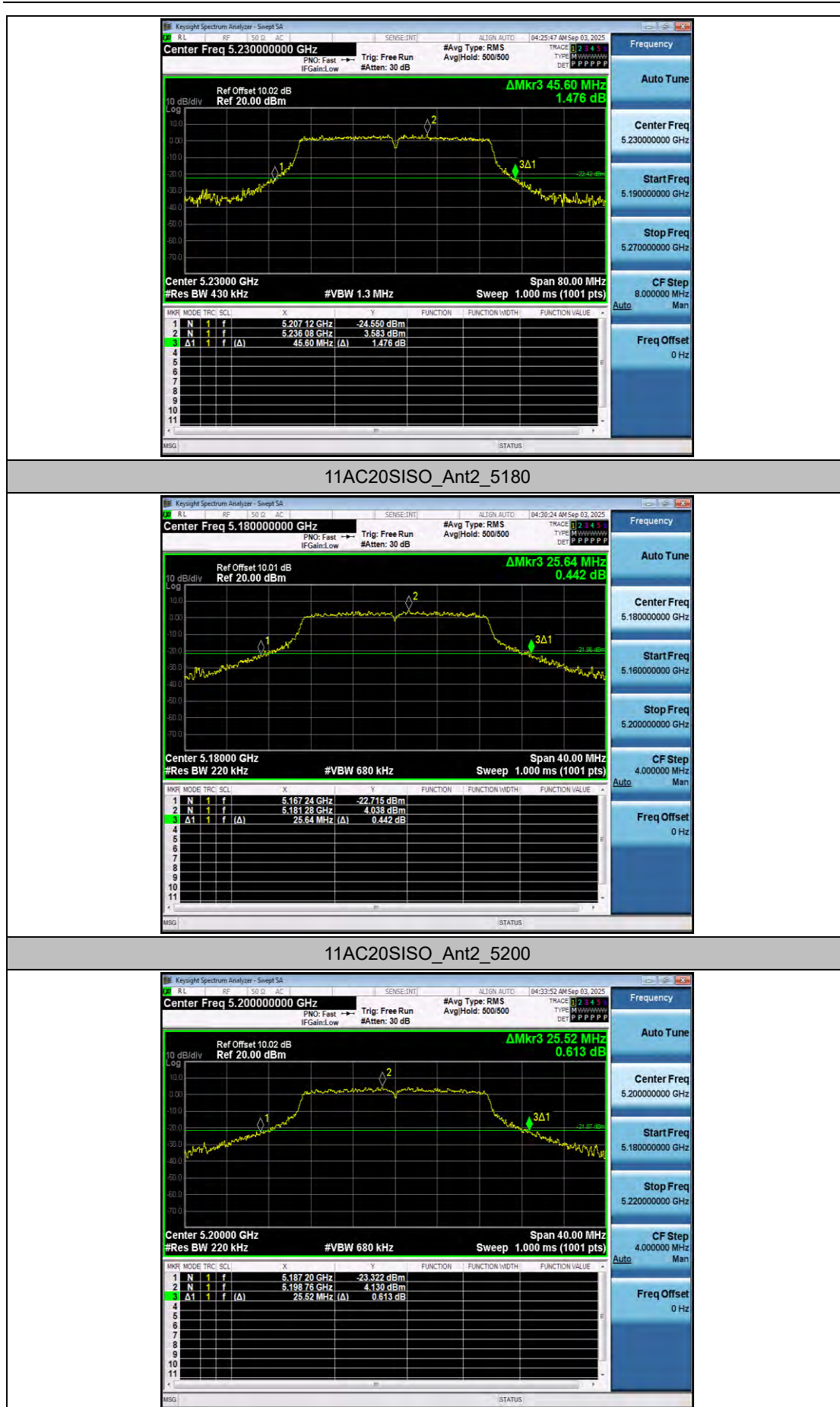
11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



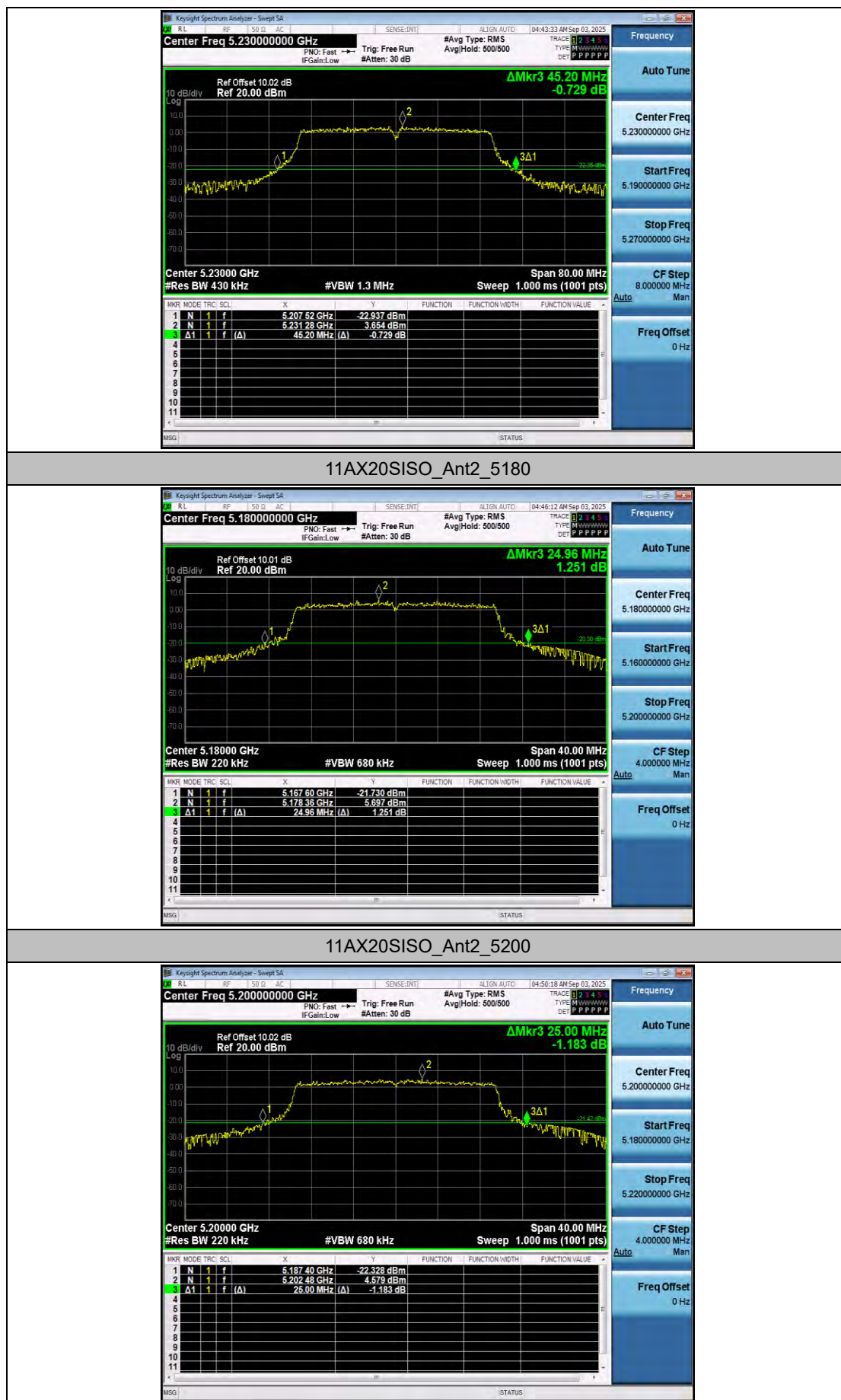
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



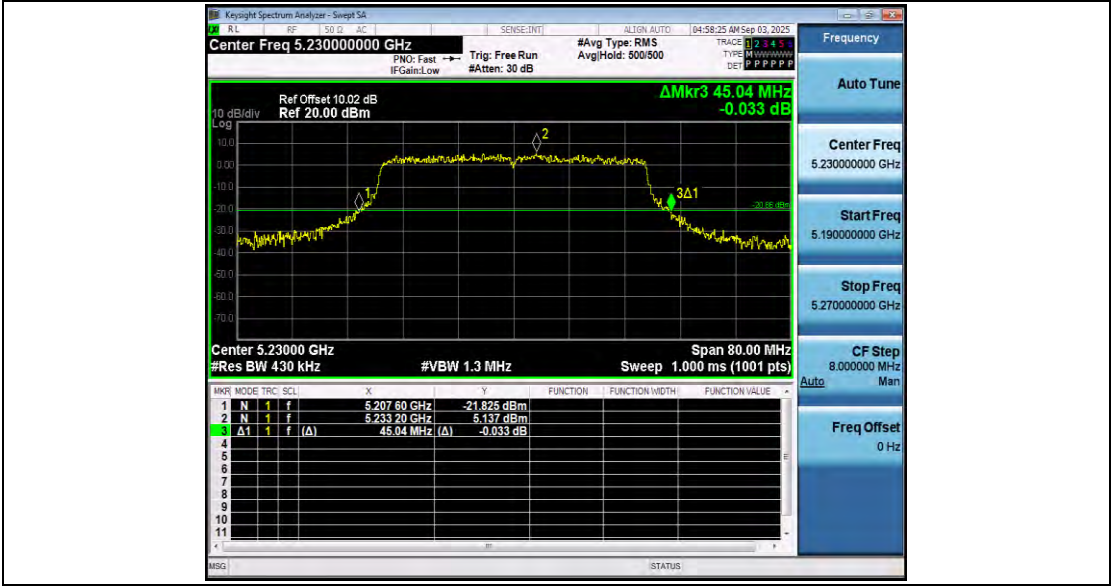
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230

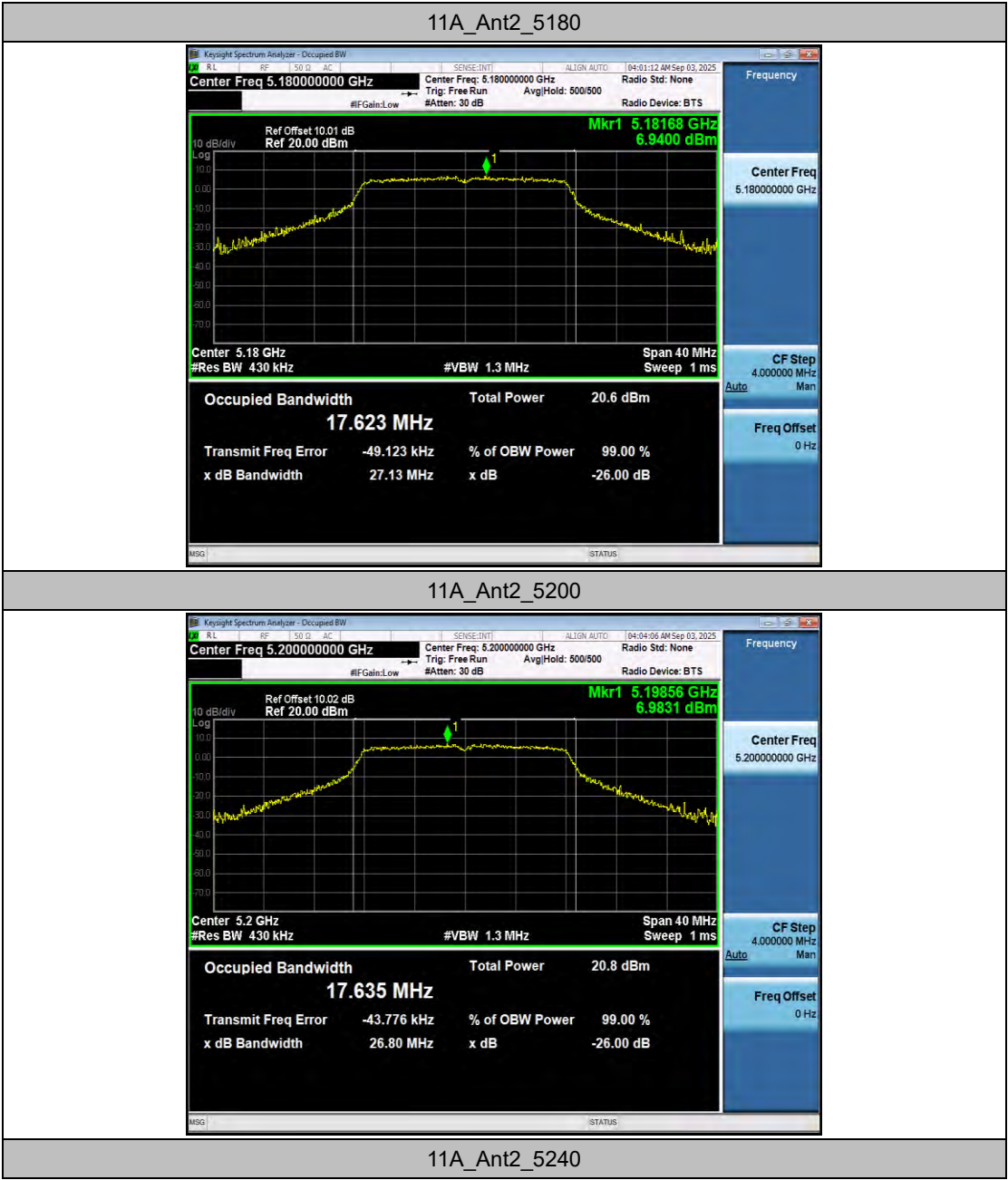


Appendix D.2: Occupied channel bandwidth

Test Result

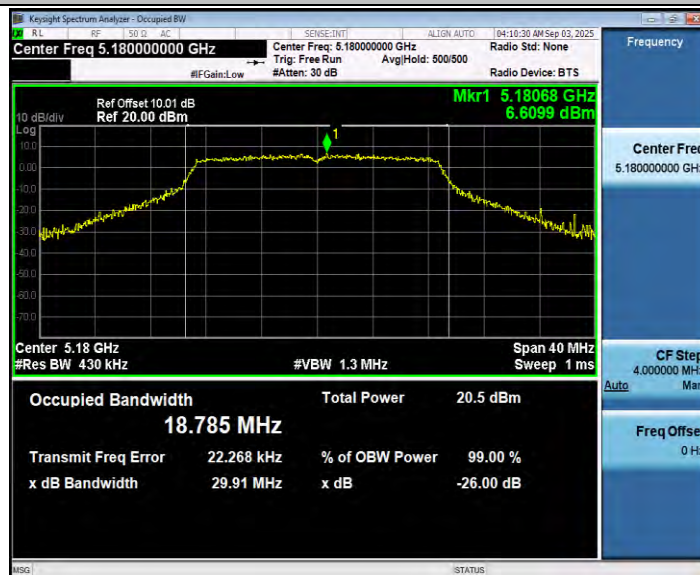
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	17.623	5171.1394	5188.7624	---	---
		5200	17.635	5191.1387	5208.7737	---	---
		5240	17.789	5231.0364	5248.8254	---	---
11N20SISO	Ant2	5180	18.785	5170.6298	5189.4148	---	---
		5200	18.668	5190.6559	5209.3239	---	---
		5240	18.716	5230.6164	5249.3324	---	---
11N40SISO	Ant2	5190	37.097	5171.4544	5208.5514	---	---
		5230	37.188	5211.3425	5248.5305	---	---
11AC20SISO	Ant2	5180	18.757	5170.6596	5189.4166	---	---
		5200	18.636	5190.6762	5209.3122	---	---
		5240	18.799	5230.6247	5249.4237	---	---
11AC40SISO	Ant2	5190	37.298	5171.4181	5208.7161	---	---
		5230	37.292	5211.3356	5248.6276	---	---
11AX20SISO	Ant2	5180	19.411	5170.3417	5189.7527	---	---
		5200	19.437	5190.2802	5209.7172	---	---
		5240	19.426	5230.2679	5249.6939	---	---
11AX40SISO	Ant2	5190	38.242	5170.9094	5209.1514	---	---
		5230	38.303	5210.8122	5249.1152	---	---

Test Graphs



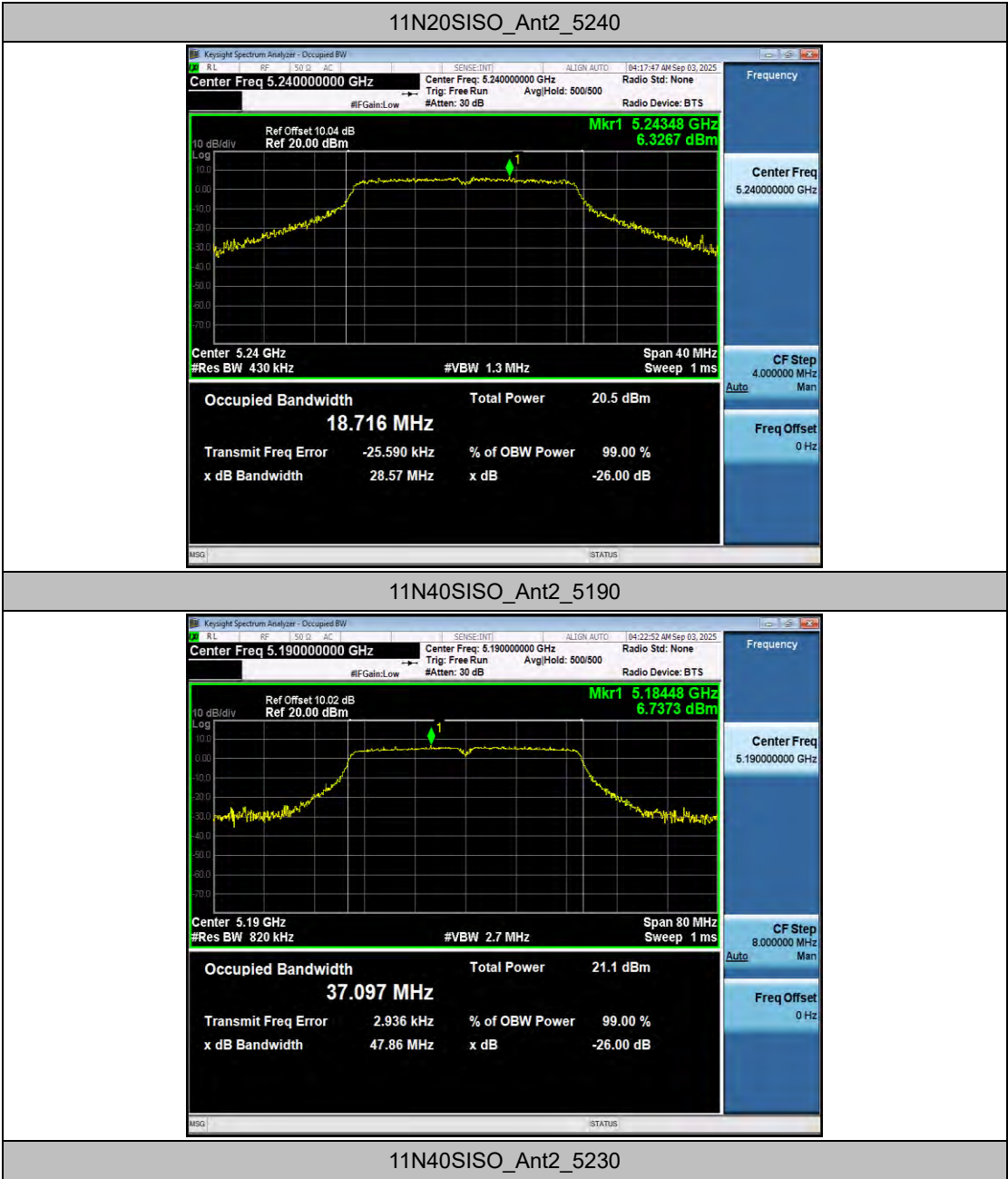


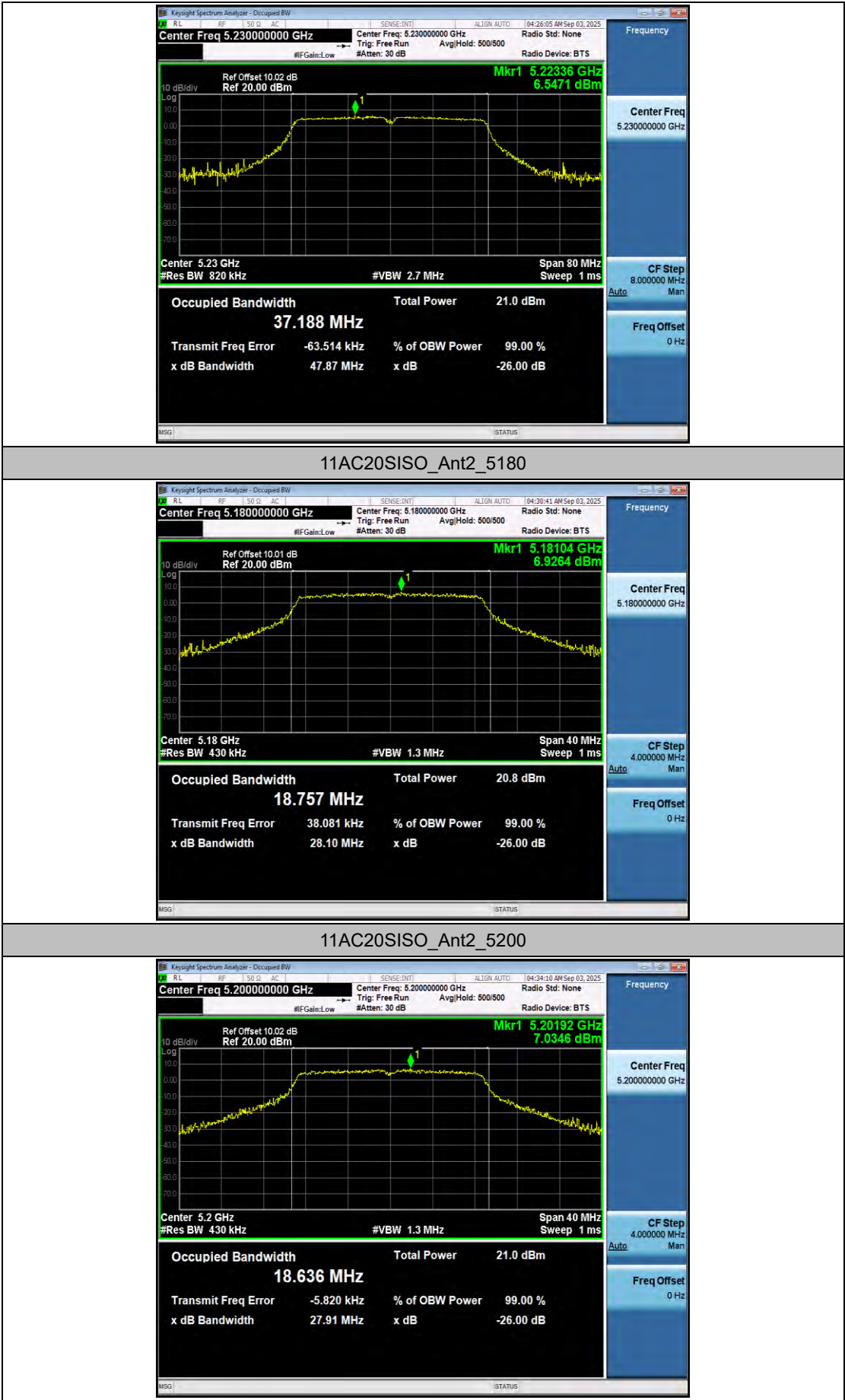
11N20SISO_Ant2_5180

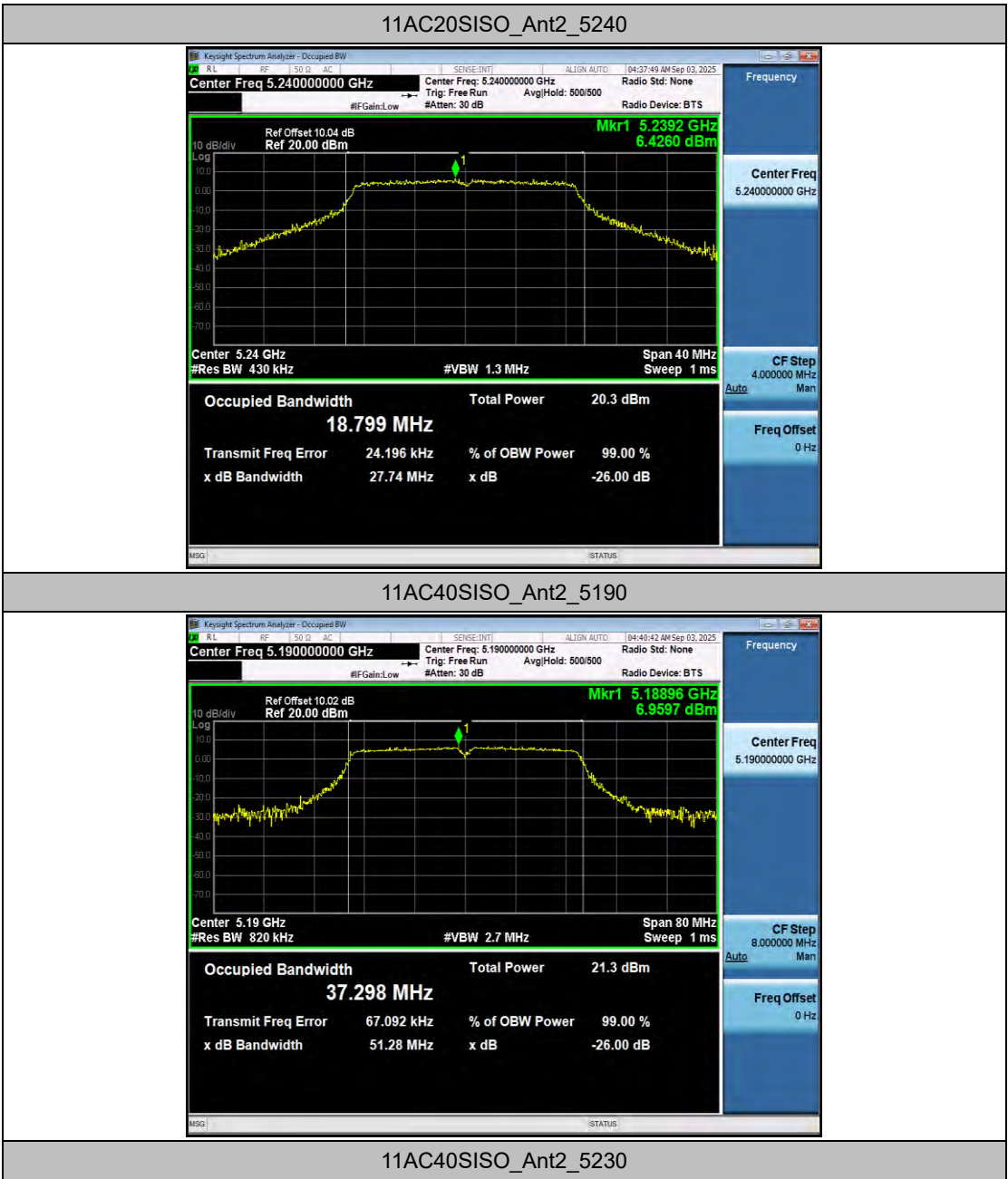


11N20SISO_Ant2_5200









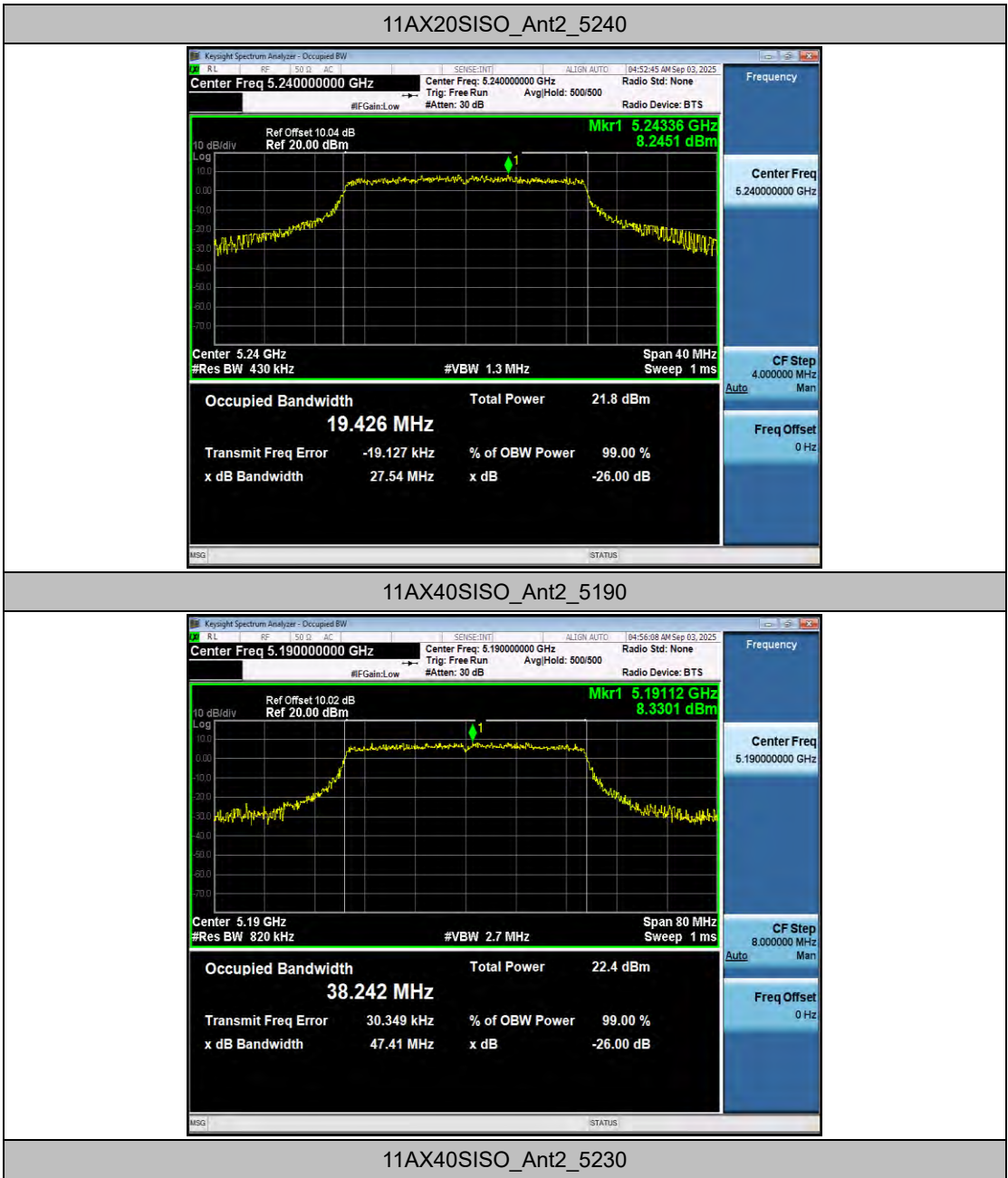


11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200





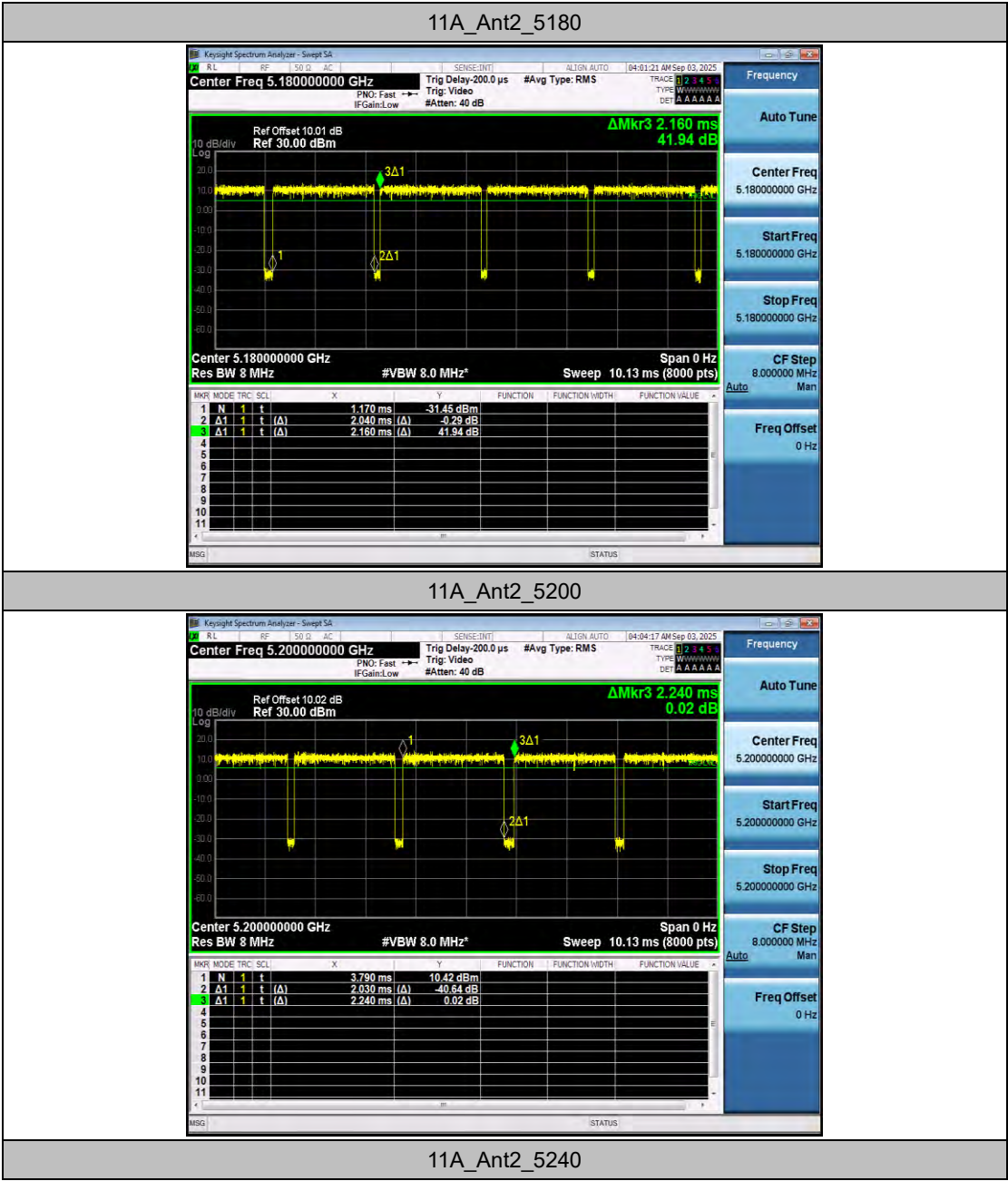


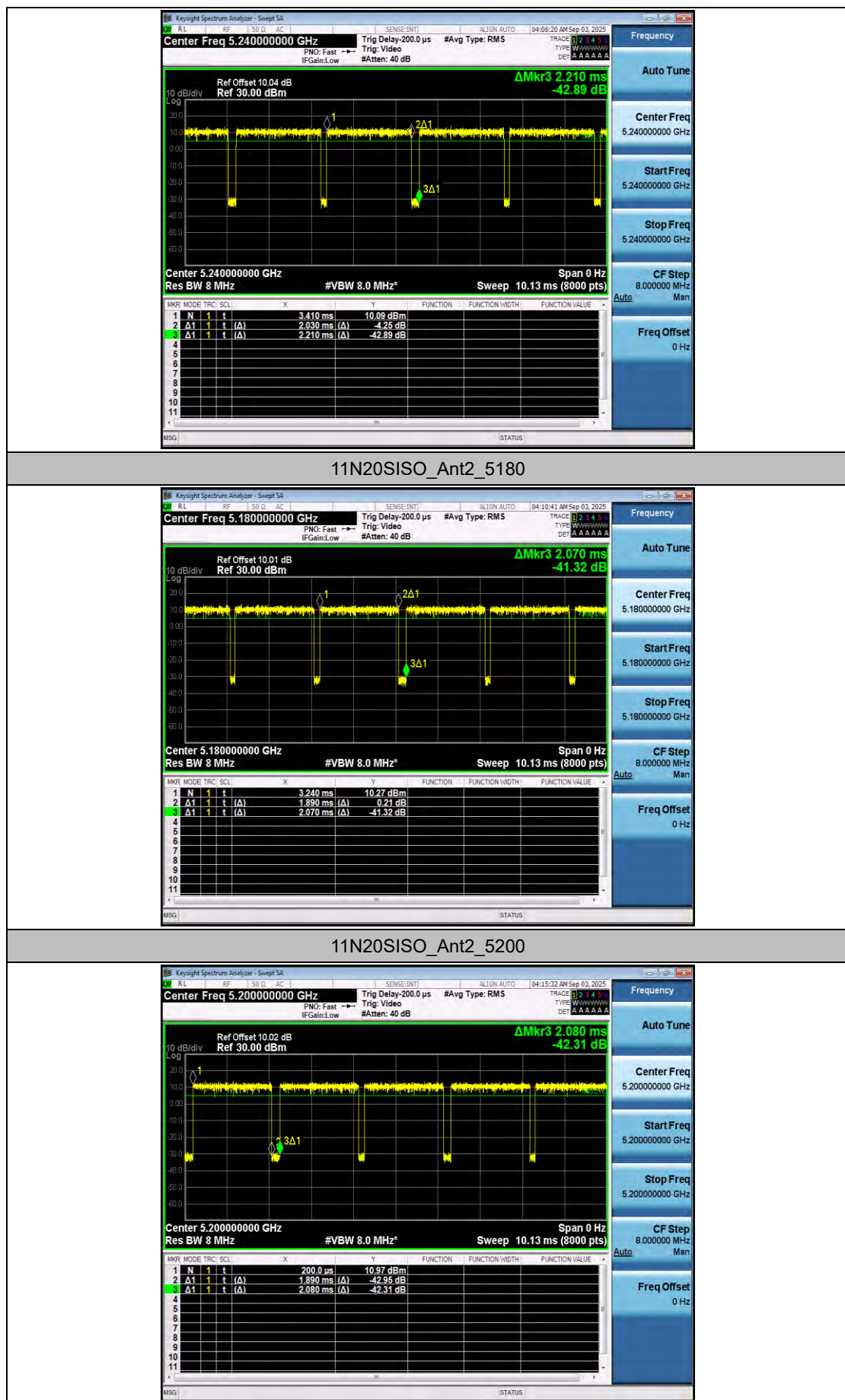
Appendix D3: Duty Cycle

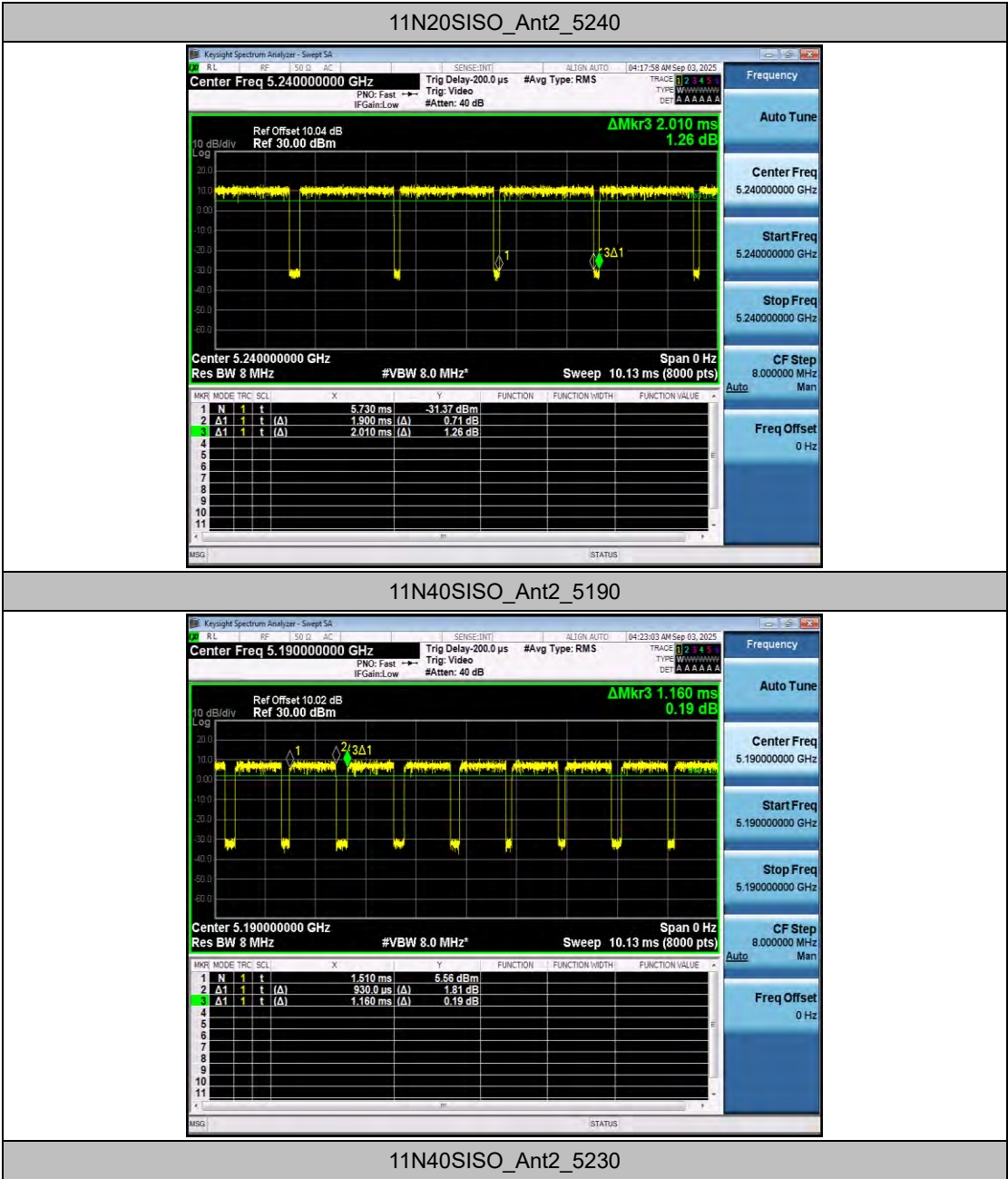
Test Result

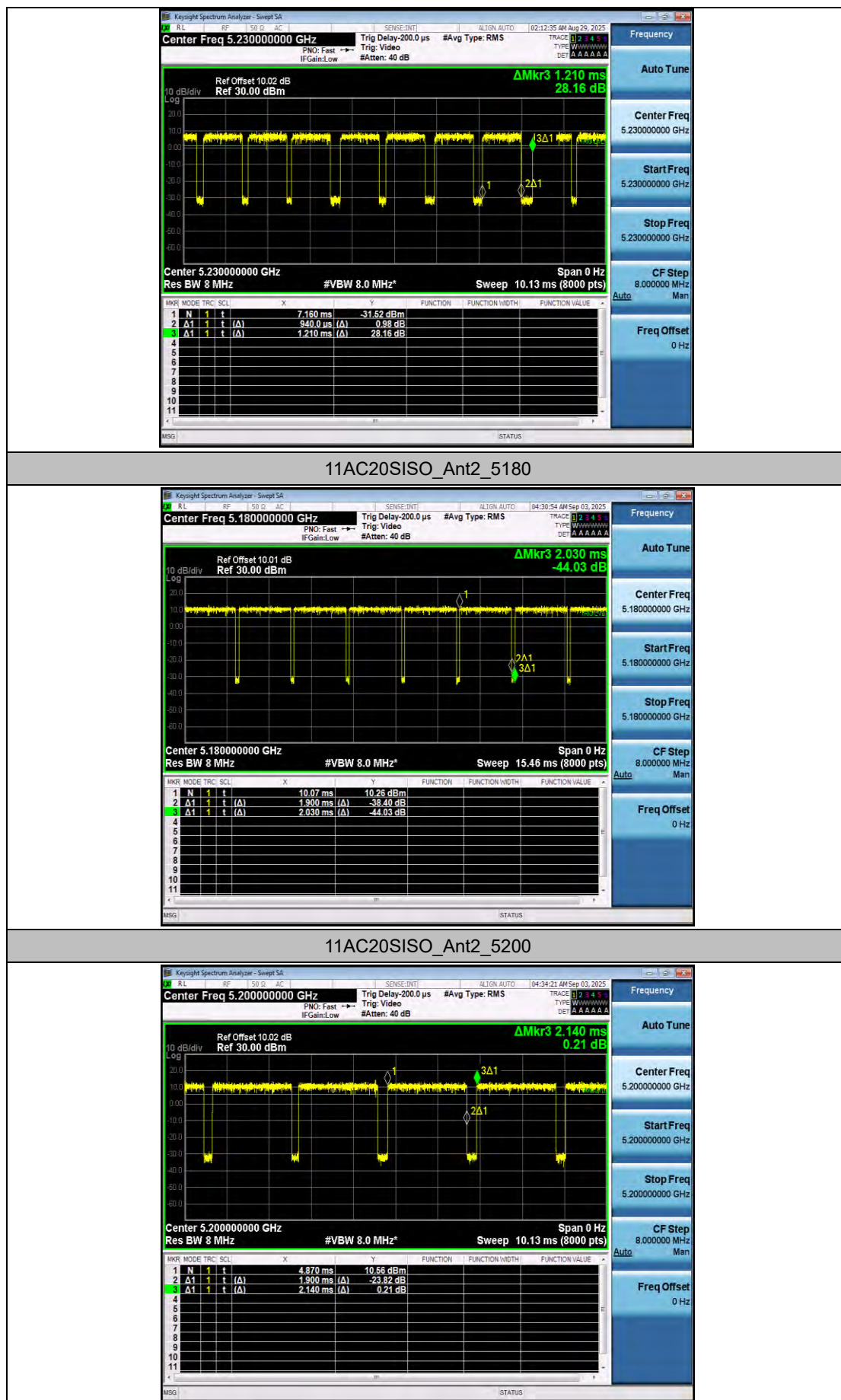
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	2.04	2.16	94.44	0.25	0.49
		5200	2.03	2.24	90.63	0.43	0.49
		5240	2.03	2.21	91.86	0.37	0.49
11N20SISO	Ant2	5180	1.89	2.07	91.30	0.40	0.53
		5200	1.89	2.08	90.87	0.42	0.53
		5240	1.90	2.01	94.53	0.24	0.53
11N40SISO	Ant2	5190	0.93	1.16	80.17	0.96	1.08
		5230	0.94	1.21	77.69	1.10	1.06
11AC20SISO	Ant2	5180	1.90	2.03	93.60	0.29	0.53
		5200	1.90	2.14	88.79	0.52	0.53
		5240	1.90	2.08	91.35	0.39	0.53
11AC40SISO	Ant2	5190	0.93	1.11	83.78	0.77	1.08
		5230	0.93	1.18	78.81	1.03	1.08
11AX20SISO	Ant2	5180	1.47	1.68	87.50	0.58	0.68
		5200	1.46	1.59	91.82	0.37	0.68
		5240	1.46	1.63	89.57	0.48	0.68
11AX40SISO	Ant2	5190	0.76	1.06	71.70	1.44	1.32
		5230	0.76	0.94	80.85	0.92	1.32

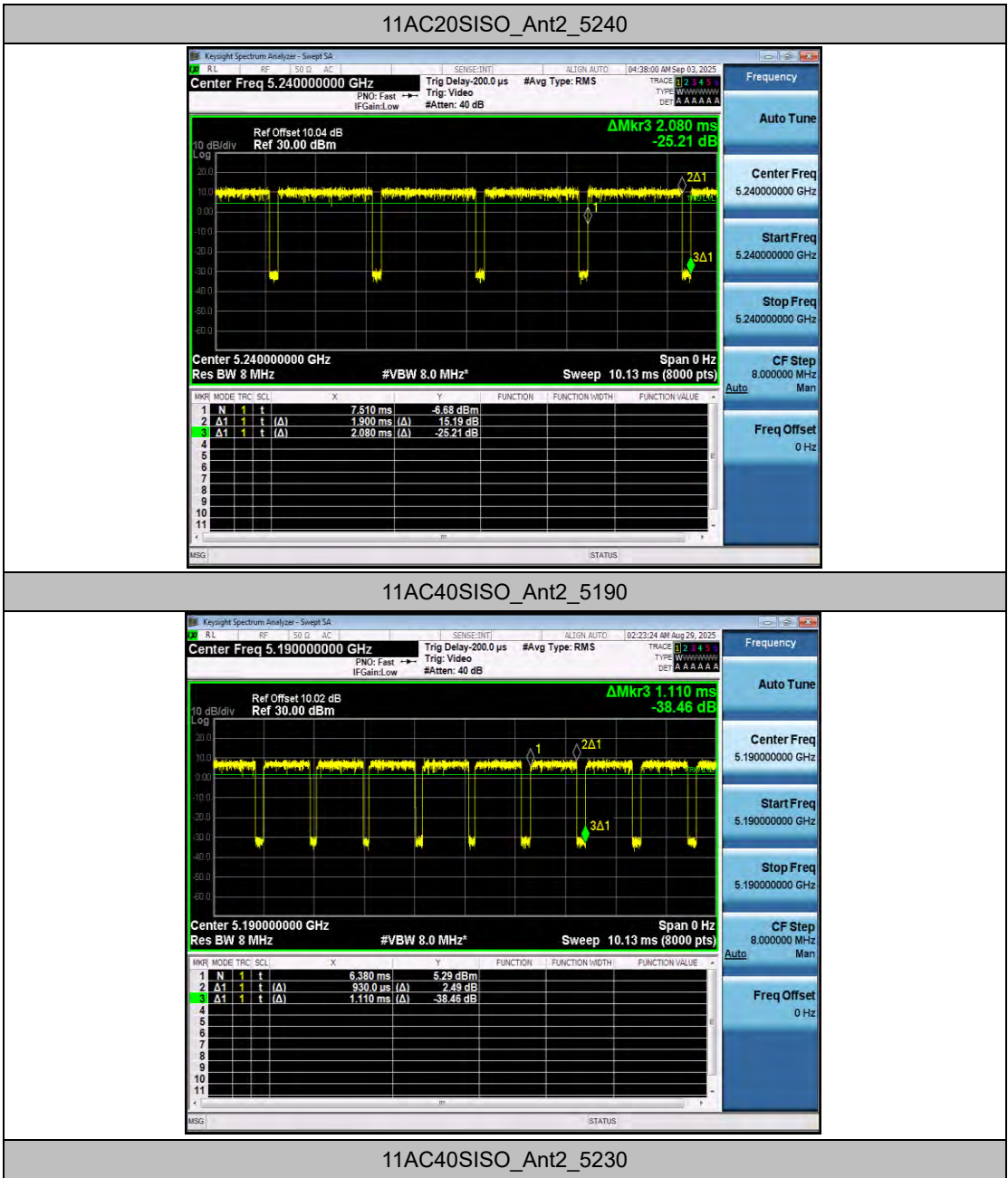
Test Graphs

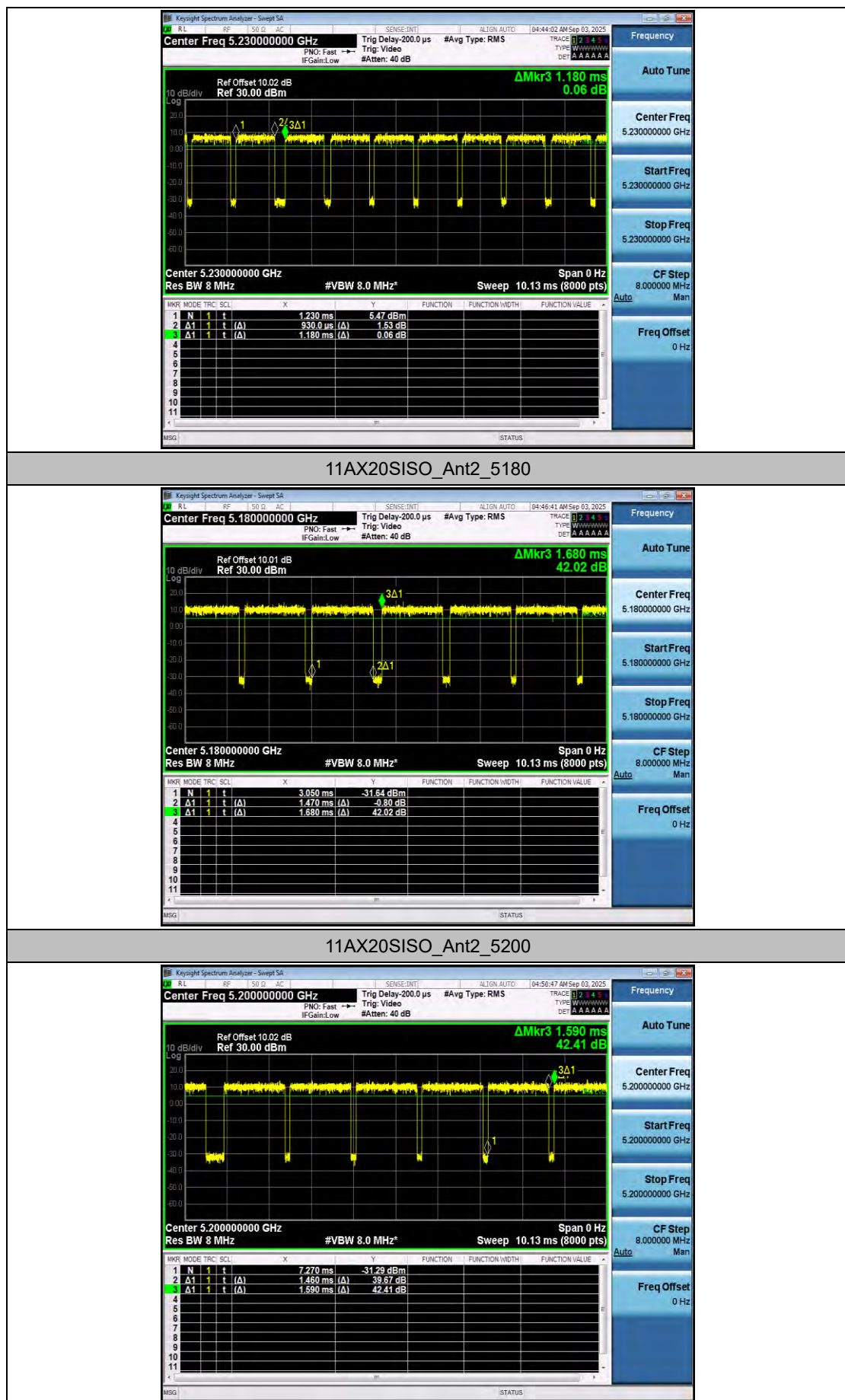




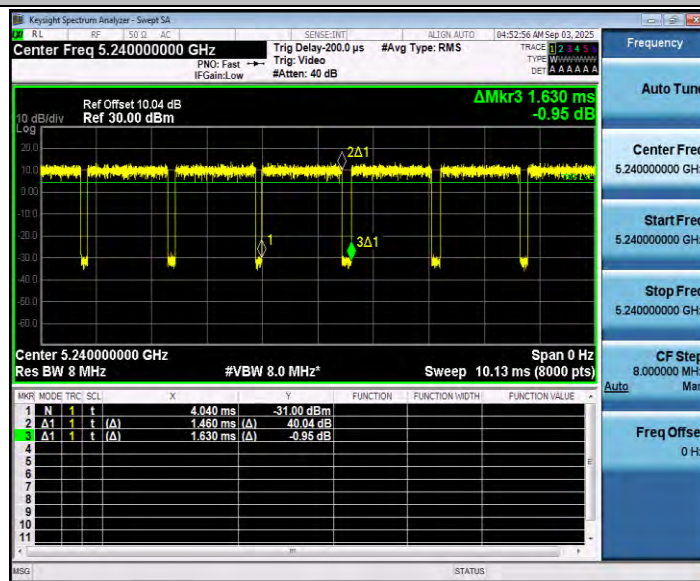




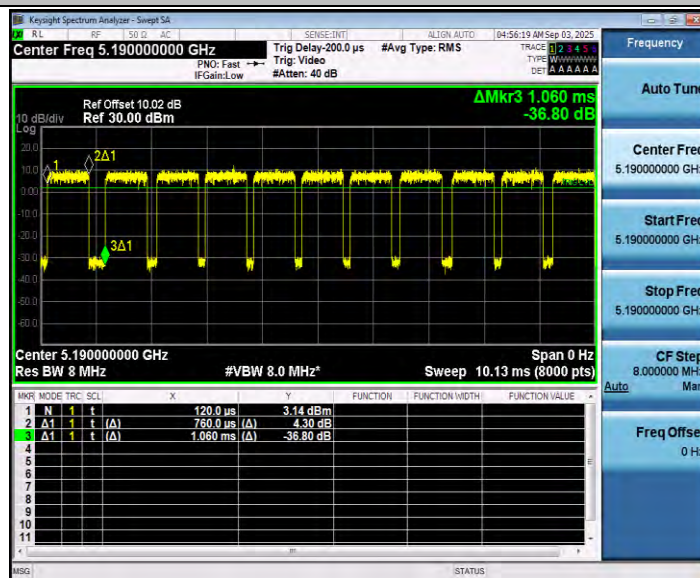




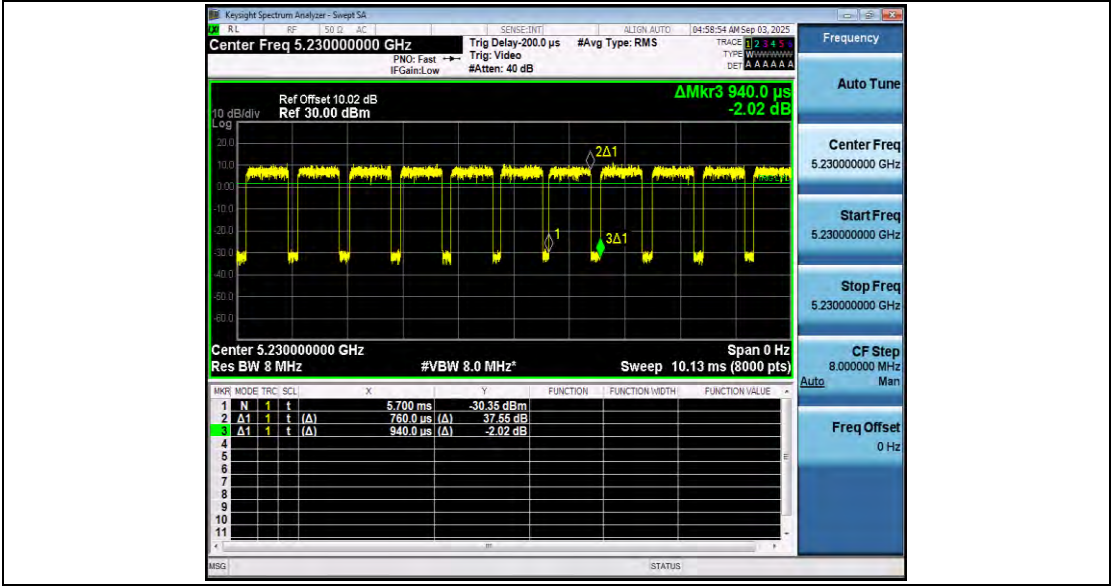
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	---	13.43	94.44	0.25	13.68	≤23.98	PASS
		5200	---	13.60	90.63	0.43	14.03	≤23.98	PASS
		5240	---	12.92	91.86	0.37	13.29	≤23.98	PASS
11N20SI SO	Ant2	5180	---	13.26	91.30	0.40	13.66	≤23.98	PASS
		5200	---	13.61	90.87	0.42	14.03	≤23.98	PASS
		5240	---	13.16	94.53	0.24	13.40	≤23.98	PASS
11N40SI SO	Ant2	5190	---	13.09	80.17	0.96	14.05	≤23.98	PASS
		5230	---	12.11	72.66	1.39	13.50	≤23.98	PASS
11AC20S ISO	Ant2	5180	---	13.57	93.60	0.29	13.86	≤23.98	PASS
		5200	---	13.66	88.79	0.52	14.18	≤23.98	PASS
		5240	---	12.95	91.35	0.39	13.34	≤23.98	PASS
11AC40S ISO	Ant2	5190	---	13.08	52.23	2.82	15.90	≤23.98	PASS
		5230	---	12.22	78.81	1.03	13.25	≤23.98	PASS
11AX20S ISO	Ant2	5180	---	13.54	87.50	0.58	14.12	≤23.98	PASS
		5200	---	13.35	91.82	0.37	13.72	≤23.98	PASS
		5240	---	12.91	89.57	0.48	13.39	≤23.98	PASS
11AX40S ISO	Ant2	5190	---	12.81	71.70	1.44	14.25	≤23.98	PASS
		5230	---	12.45	80.85	0.92	13.37	≤23.98	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the data.

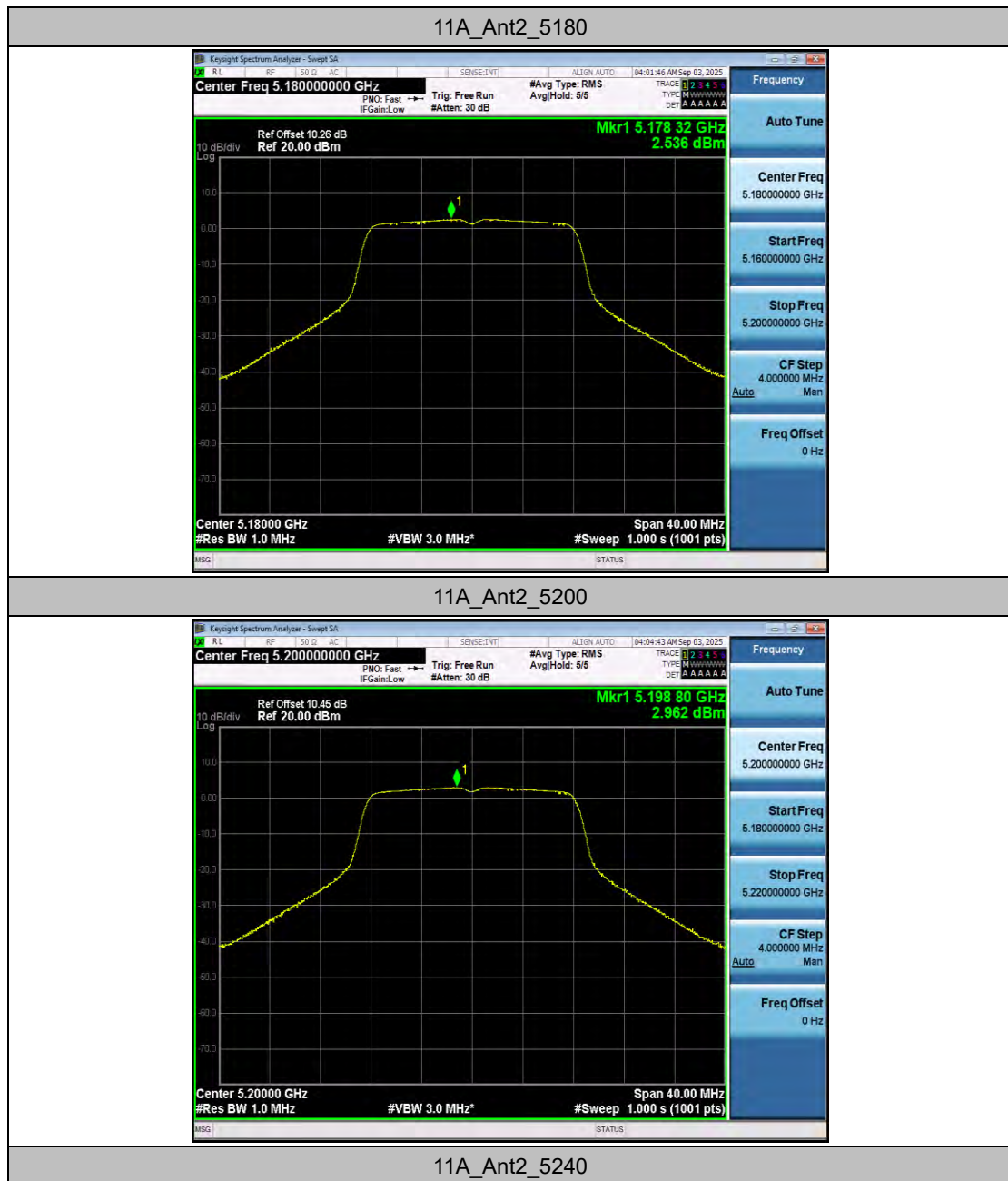
Appendix D.5: Maximum power spectral density

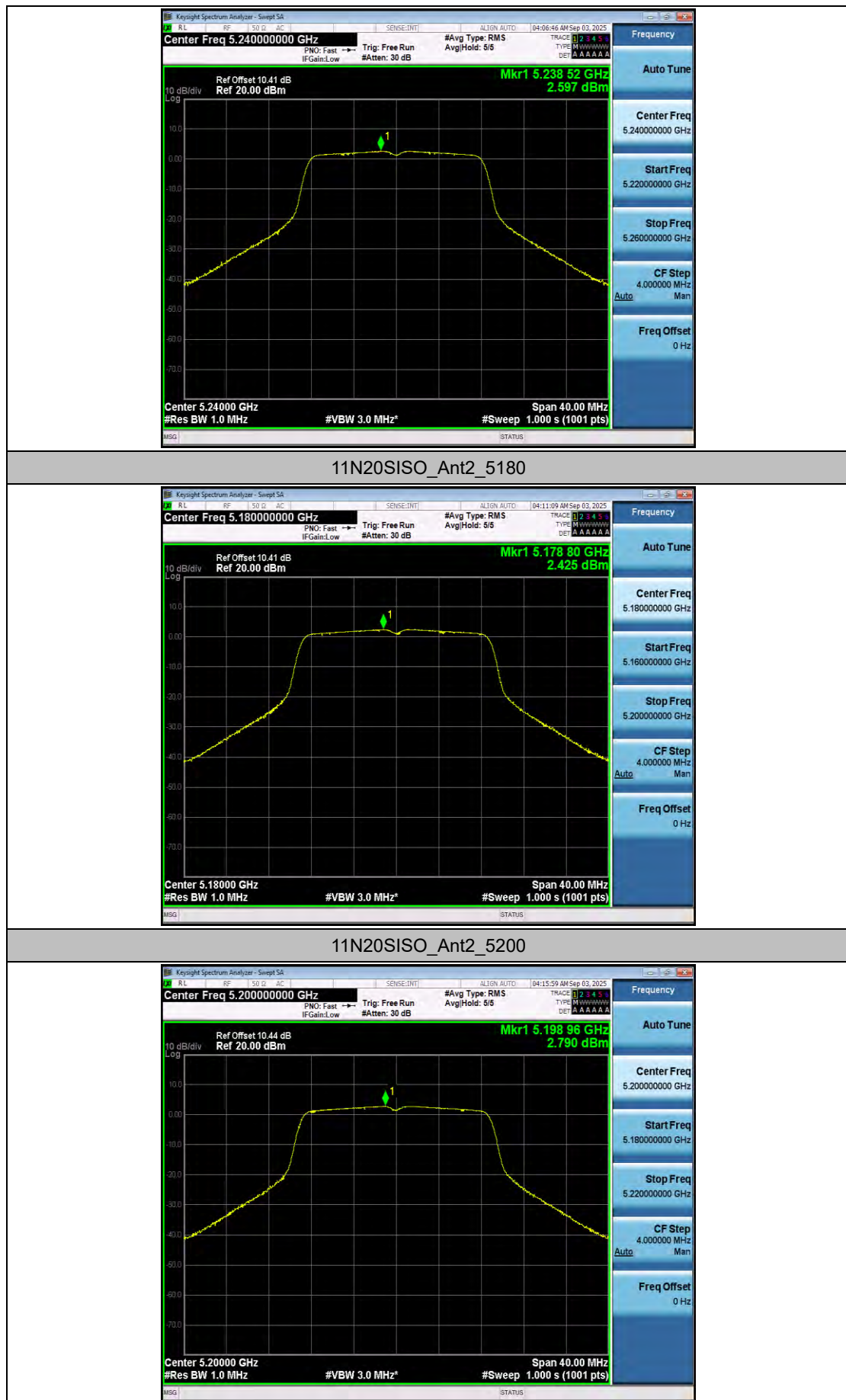
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	2.54	≤11.00	PASS
		5200	2.96	≤11.00	PASS
		5240	2.60	≤11.00	PASS
11N20SISO	Ant2	5180	2.43	≤11.00	PASS
		5200	2.79	≤11.00	PASS
		5240	2.22	≤11.00	PASS
11N40SISO	Ant2	5190	-0.12	≤11.00	PASS
		5230	0.09	≤11.00	PASS
11AC20SISO	Ant2	5180	2.51	≤11.00	PASS
		5200	2.90	≤11.00	PASS
		5240	2.22	≤11.00	PASS
11AC40SISO	Ant2	5190	1.81	≤11.00	PASS
		5230	-0.22	≤11.00	PASS
11AX20SISO	Ant2	5180	2.66	≤11.00	PASS
		5200	2.35	≤11.00	PASS
		5240	2.06	≤11.00	PASS
11AX40SISO	Ant2	5190	-0.10	≤11.00	PASS
		5230	-0.84	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs





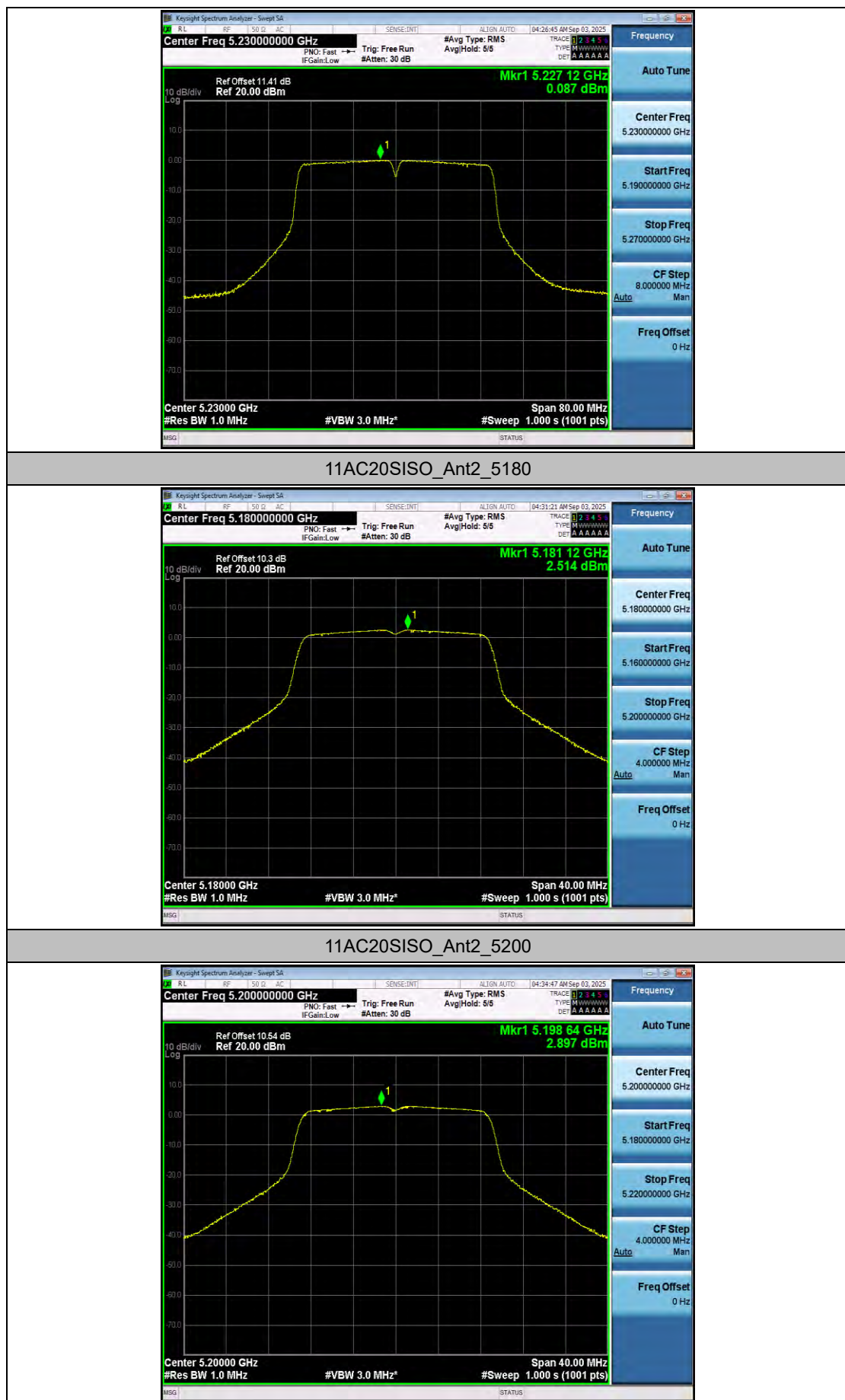
11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



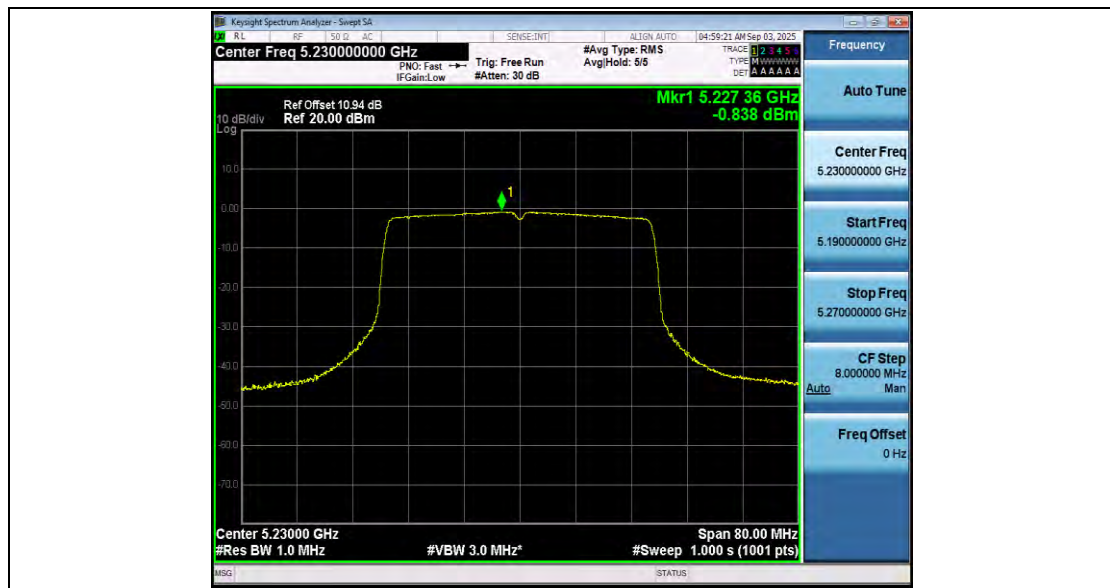
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230

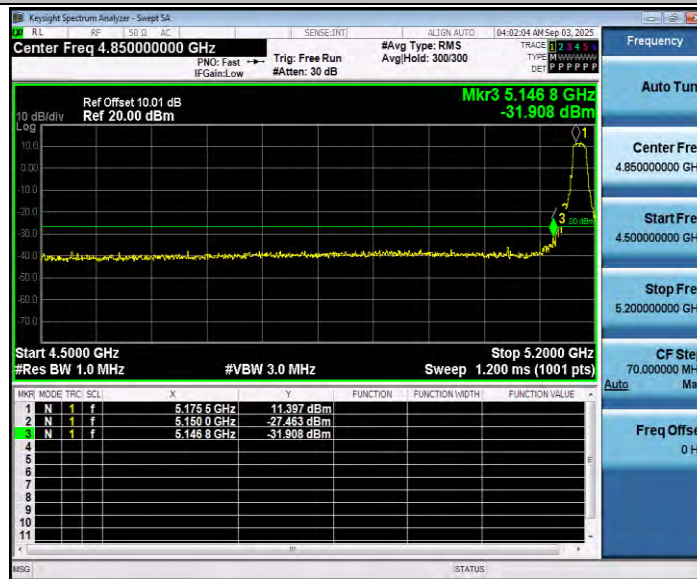


Appendix D.6: Band edge measurements

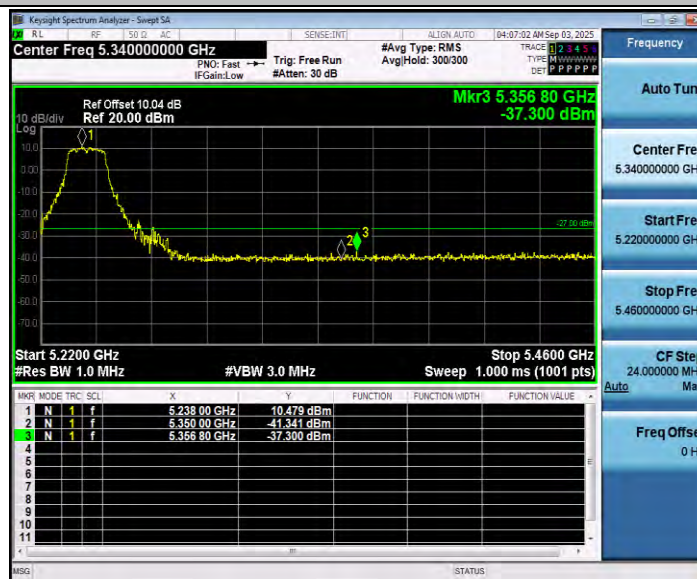
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-31.91	≤ -27	PASS
		High	5240	-37.3	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-28.26	≤ -27	PASS
		High	5240	-36.3	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-28.91	≤ -27	PASS
		High	5230	-37.04	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-28.98	≤ -27	PASS
		High	5240	-37.29	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-27.3	≤ -27	PASS
		High	5230	-37.42	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-31.15	≤ -27	PASS
		High	5240	-36.8	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-36.77	≤ -27	PASS
		High	5230	-36.82	≤ -27	PASS

Test Graphs B1/2/3

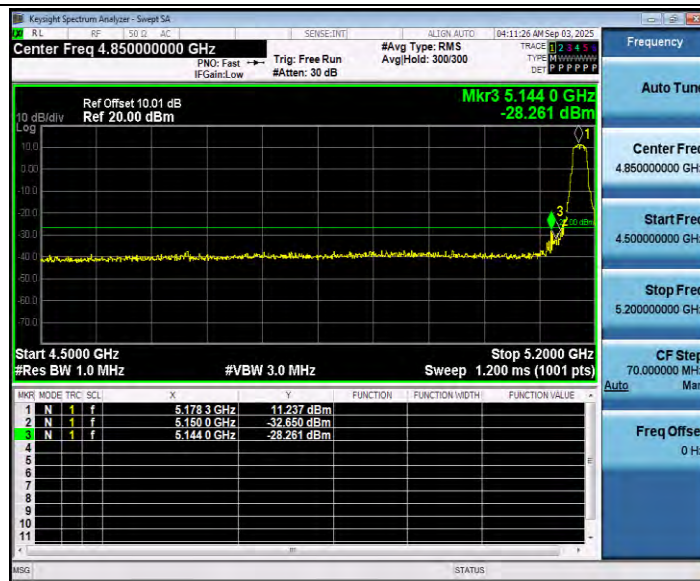
11A_Ant2_Low_5180



11A_Ant2_High_5240



11N20SISO_Ant2_Low_5180



11N20SISO_Ant2_High_5240



11N40SISO_Ant2_Low_5190

