

Case No. : <u>GTS20250816006-4-04</u>	
Ambient Condition: <u>24</u> °C, <u>48</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.10.8</u>	Test Engineer: <u>Evan ouyang</u>

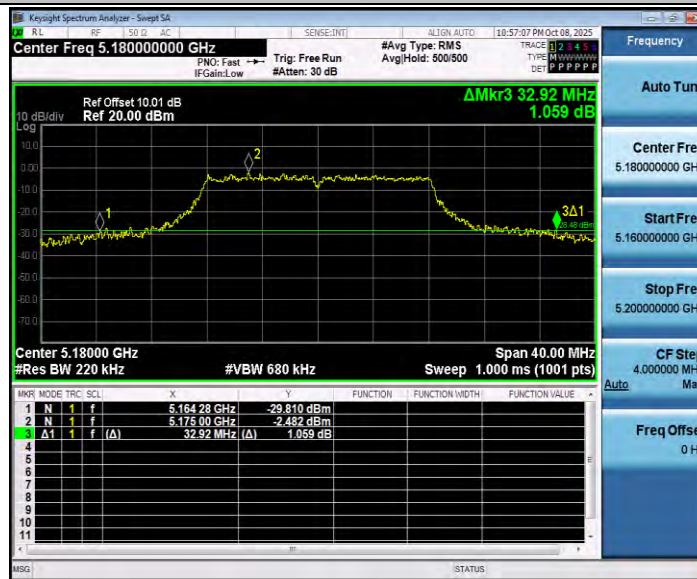
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	32.920	5164.280	5197.200	---	---
		5200	28.800	5187.040	5215.840	---	---
		5240	30.840	5225.920	5256.760	---	---
11N20SISO	Ant1	5180	31.960	5164.440	5196.400	---	---
		5200	35.200	5182.120	5217.320	---	---
		5240	33.000	5224.720	5257.720	---	---
11N40SISO	Ant1	5190	78.480	5151.280	5229.760	---	---
		5230	57.280	5202.880	5260.160	---	---
11AC20SISO	Ant1	5180	34.840	5163.880	5198.720	---	---
		5200	31.160	5185.560	5216.720	---	---
		5240	32.680	5224.240	5256.920	---	---
11AC40SISO	Ant1	5190	60.640	5169.360	5230.000	---	---
		5230	52.080	5207.360	5259.440	---	---
11AX20SISO	Ant1	5180	33.400	5163.760	5197.160	---	---
		5200	32.240	5185.640	5217.880	---	---
		5240	32.840	5225.360	5258.200	---	---
11AX40SISO	Ant1	5190	55.360	5164.800	5220.160	---	---
		5230	50.080	5208.960	5259.040	---	---

Test Graphs

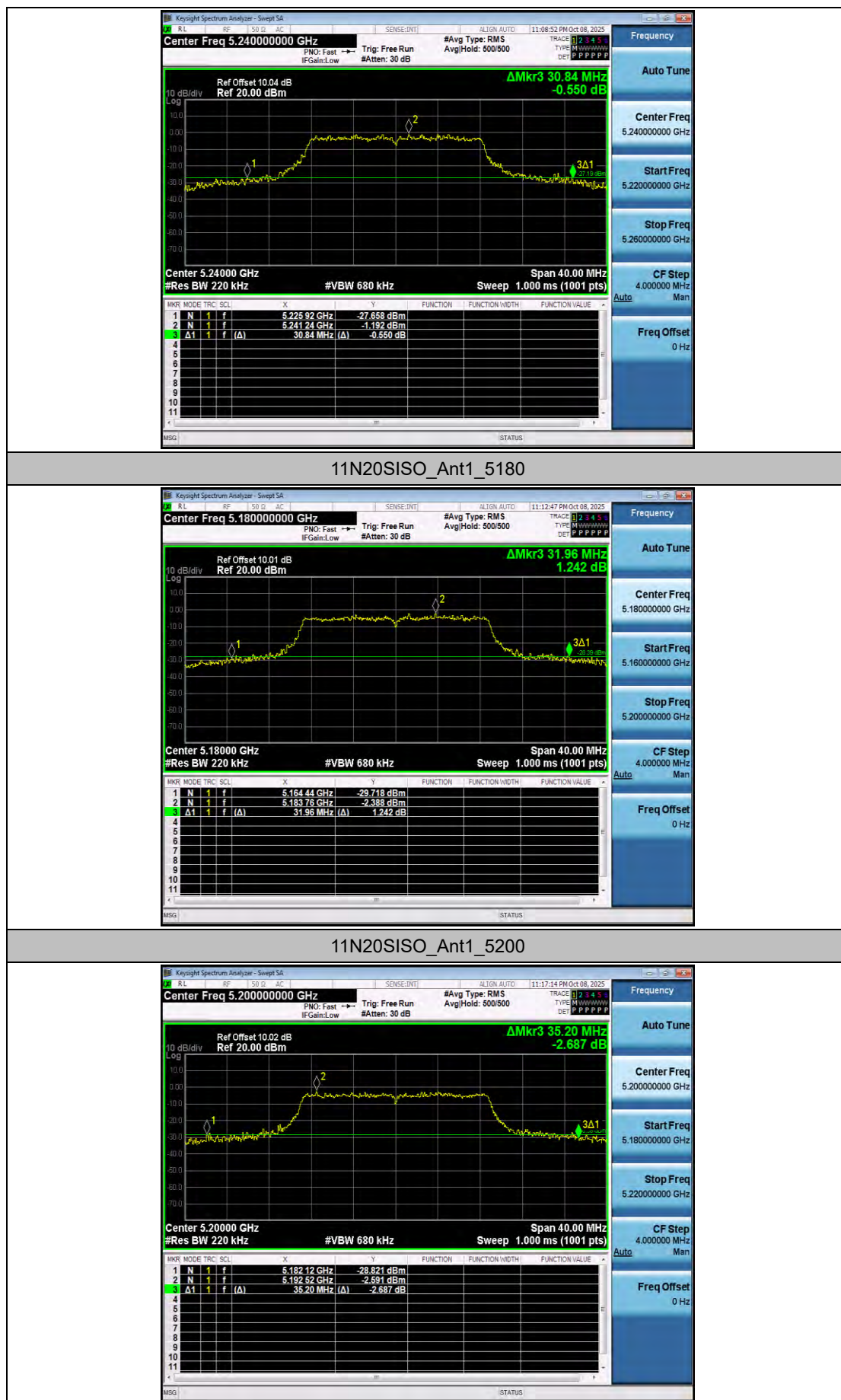
11A_Ant1_5180



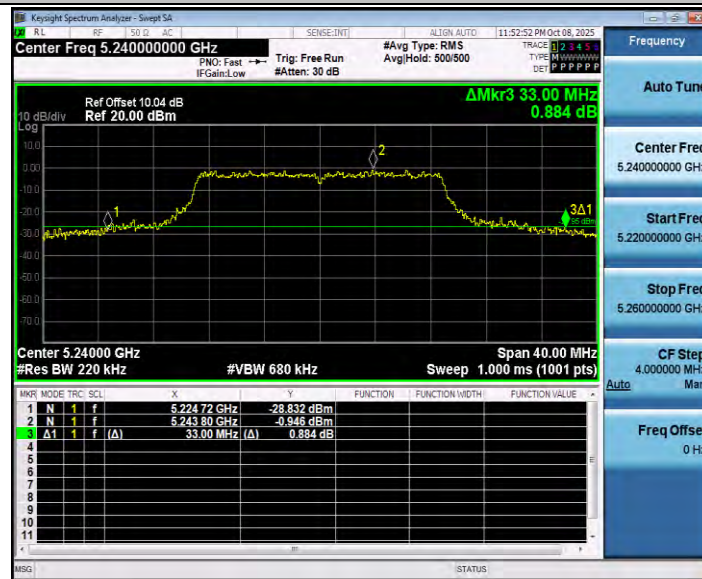
11A_Ant1_5200



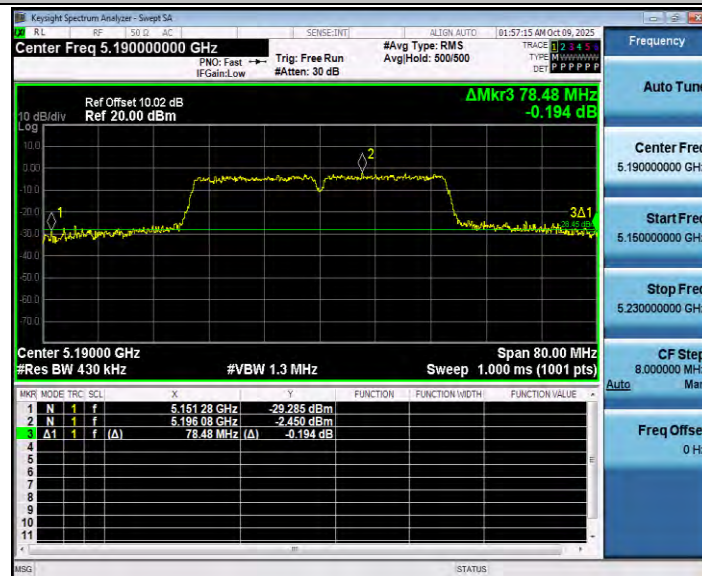
11A_Ant1_5240



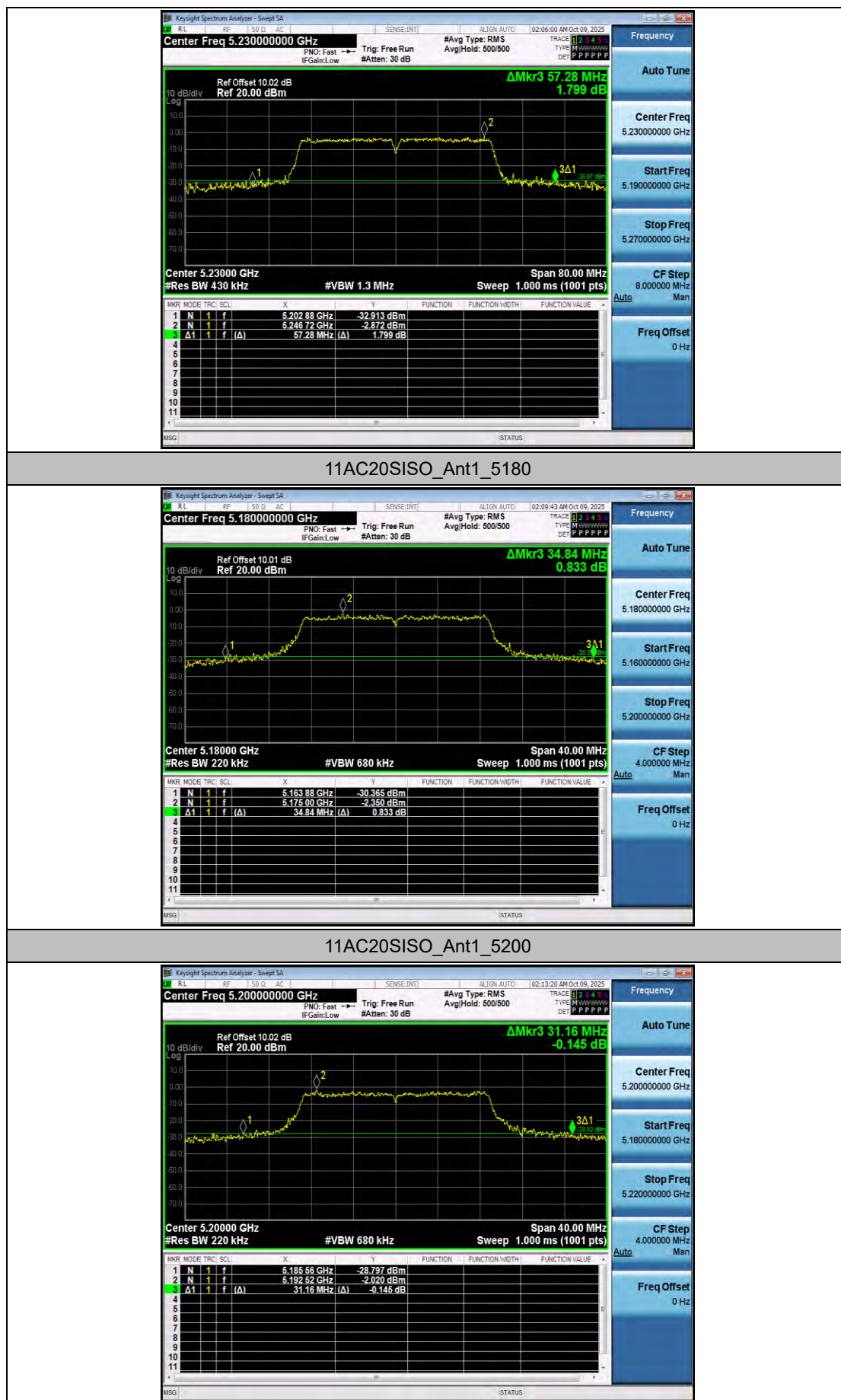
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



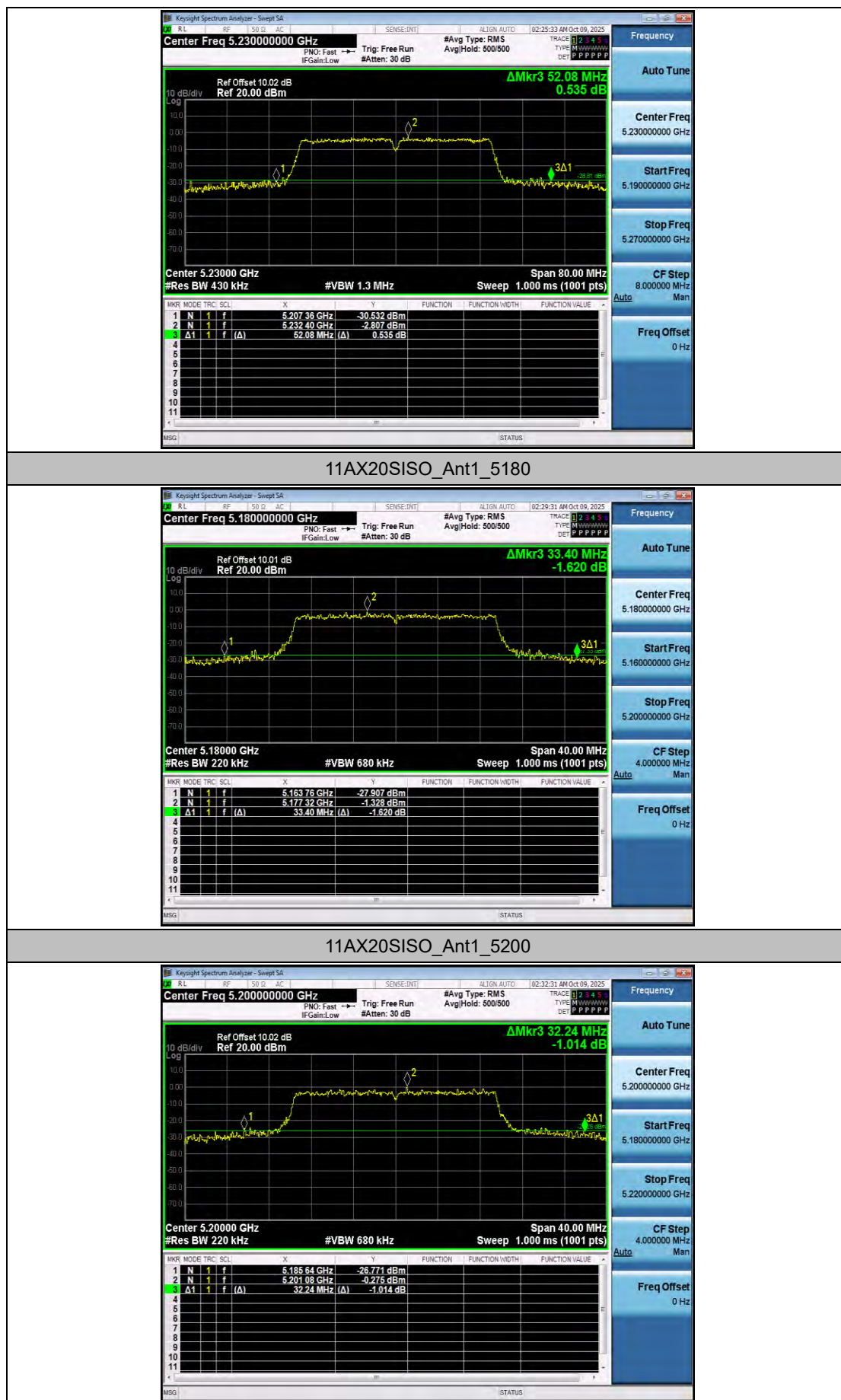
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



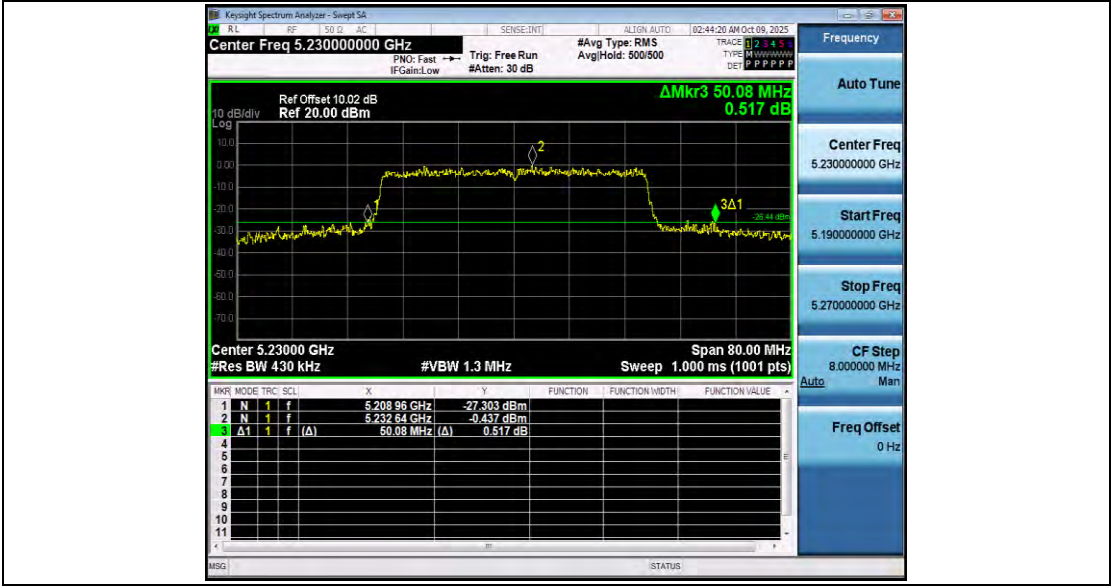
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

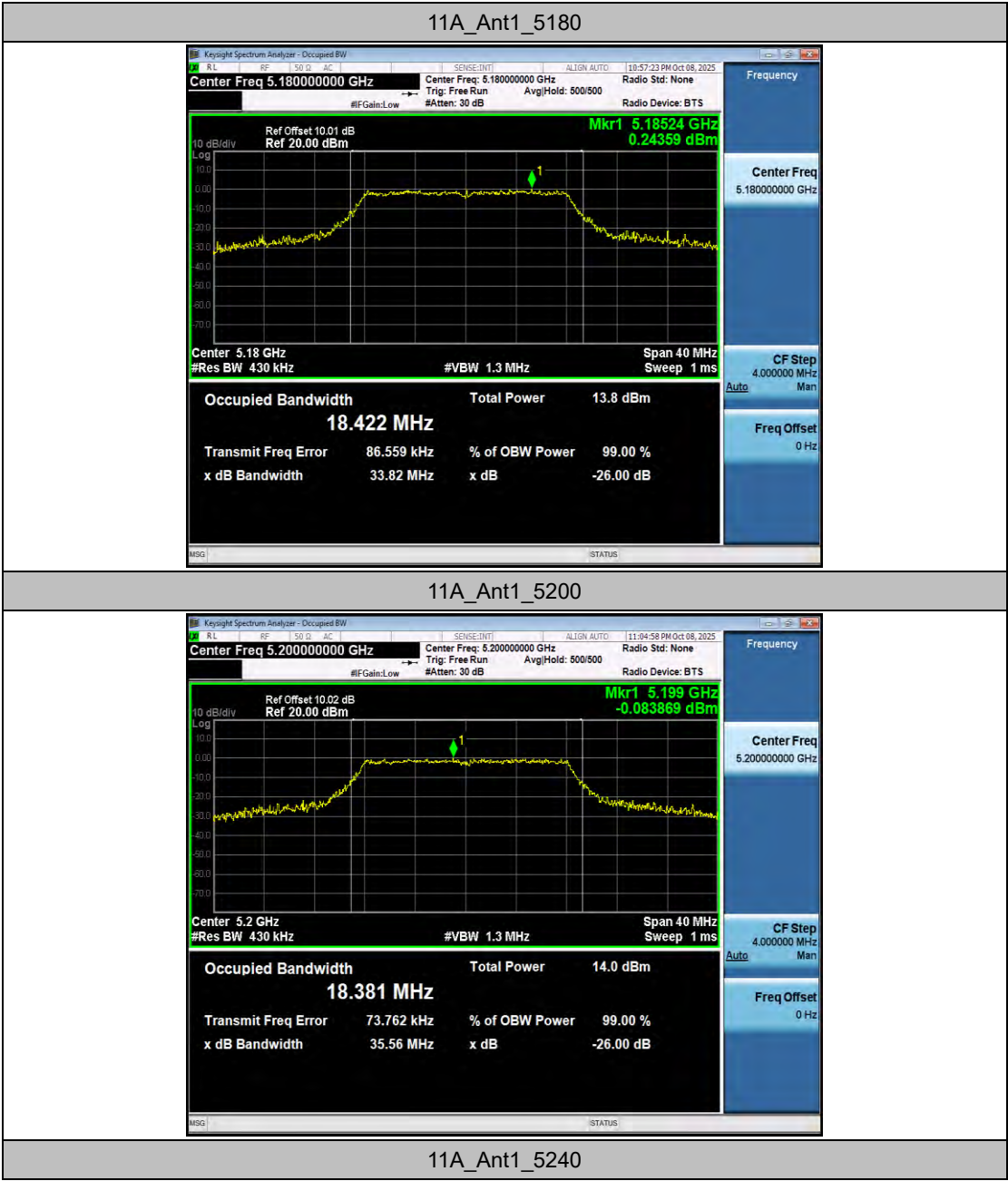


Appendix D.2: Occupied channel bandwidth

Test Result

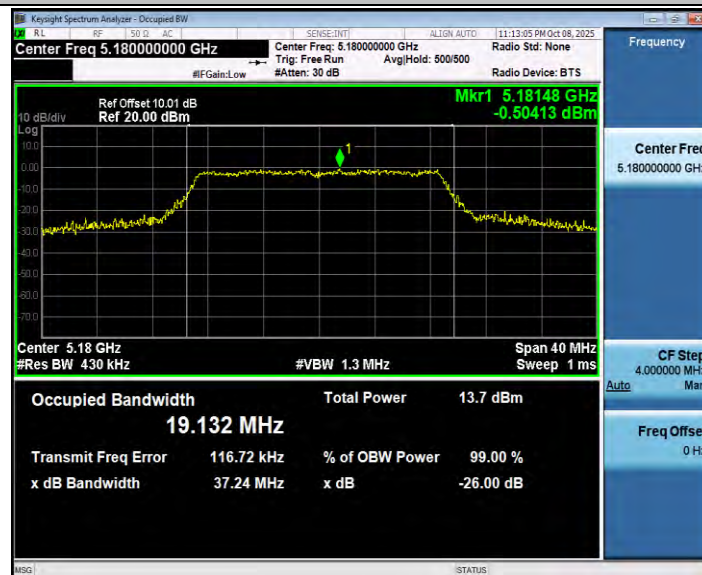
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.422	5170.8756	5189.2976	---	---
		5200	18.381	5190.8833	5209.2643	---	---
		5240	18.345	5230.8696	5249.2146	---	---
11N20SISO	Ant1	5180	19.132	5170.5507	5189.6827	---	---
		5200	19.056	5190.5206	5209.5766	---	---
		5240	18.951	5230.5461	5249.4971	---	---
11N40SISO	Ant1	5190	37.597	5171.3957	5208.9927	---	---
		5230	37.188	5211.4762	5248.6642	---	---
11AC20SISO	Ant1	5180	19.152	5170.5099	5189.6619	---	---
		5200	19.125	5190.5773	5209.7023	---	---
		5240	19.116	5230.4919	5249.6079	---	---
11AC40SISO	Ant1	5190	37.147	5171.5791	5208.7261	---	---
		5230	37.190	5211.5157	5248.7057	---	---
11AX20SISO	Ant1	5180	19.544	5170.2742	5189.8182	---	---
		5200	19.674	5190.1956	5209.8696	---	---
		5240	19.523	5230.2761	5249.7991	---	---
11AX40SISO	Ant1	5190	38.346	5170.9658	5209.3118	---	---
		5230	38.222	5210.9260	5249.1480	---	---

Test Graphs

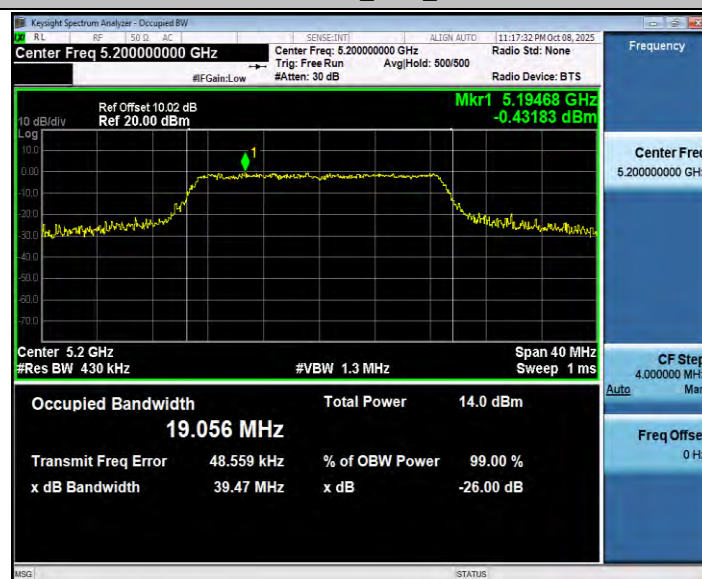




11N20SISO_Ant1_5180



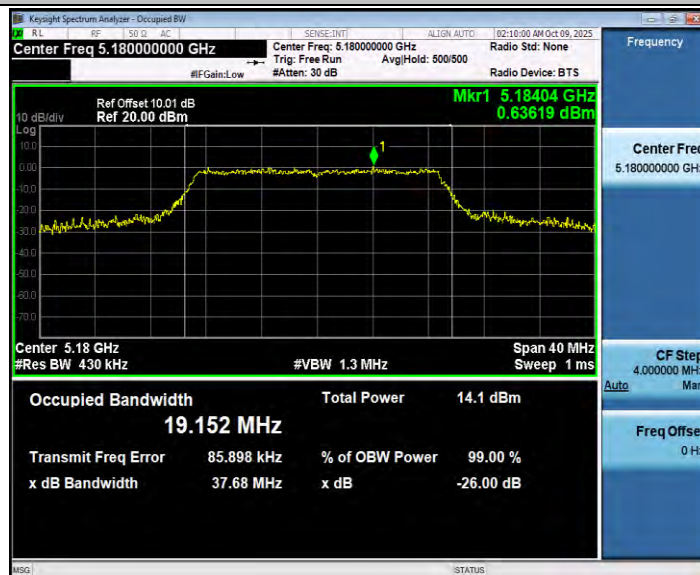
11N20SISO_Ant1_5200



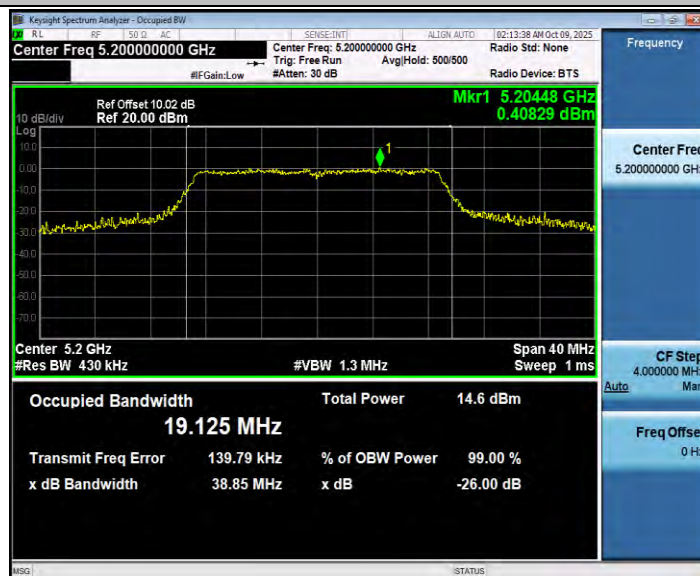




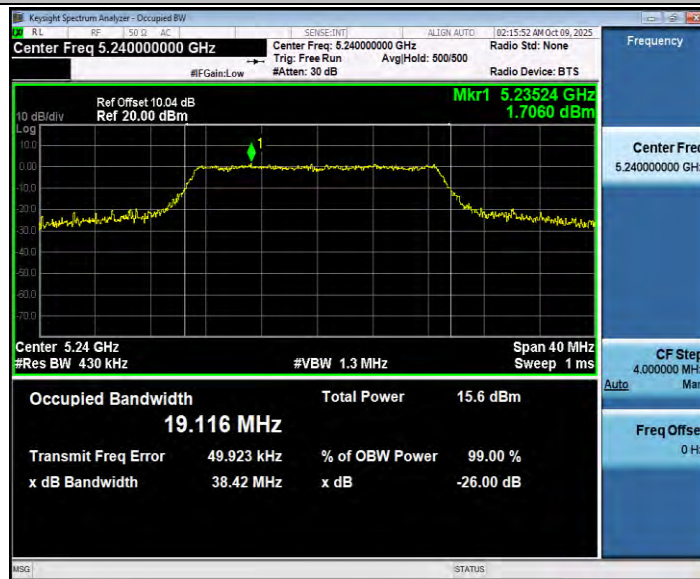
11AC20SISO_Ant1_5180



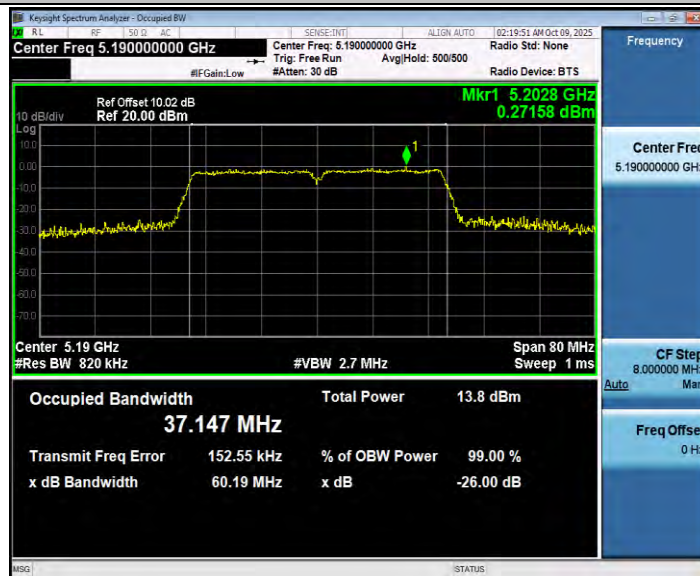
11AC20SISO_Ant1_5200



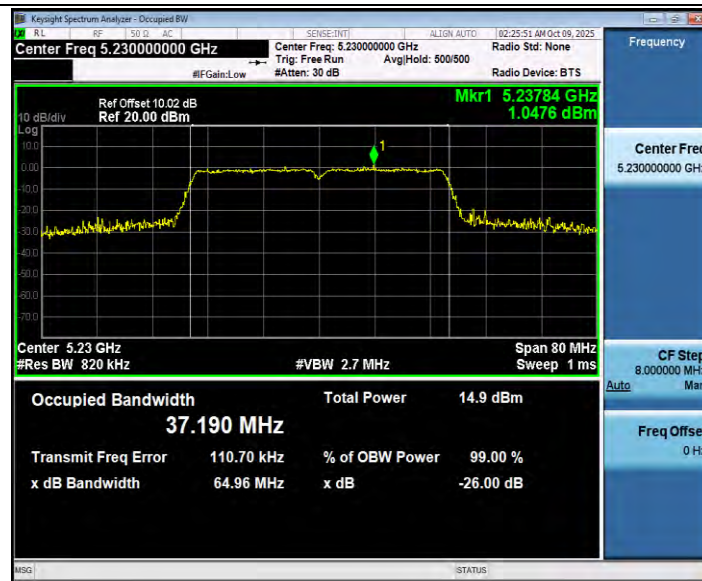
11AC20SISO_Ant1_5240



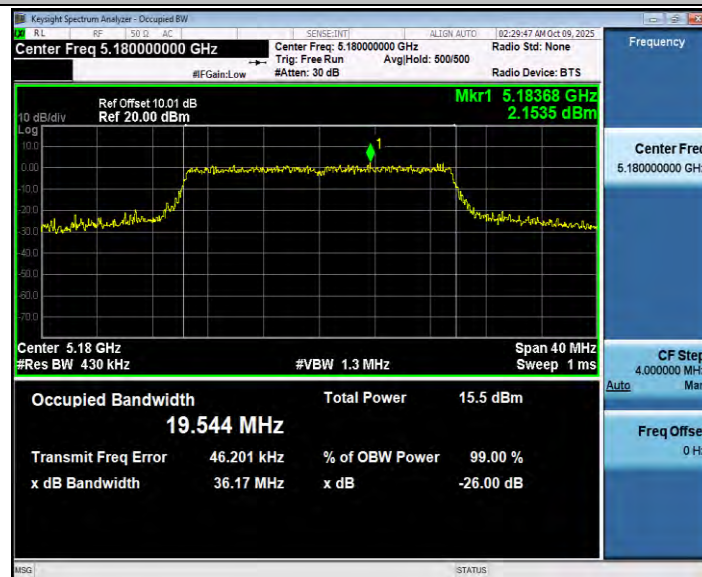
11AC40SISO_Ant1_5190



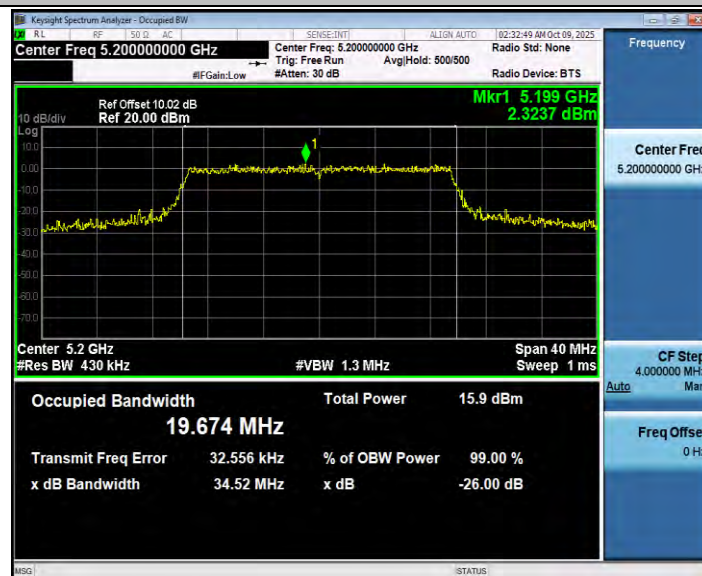
11AC40SISO_Ant1_5230

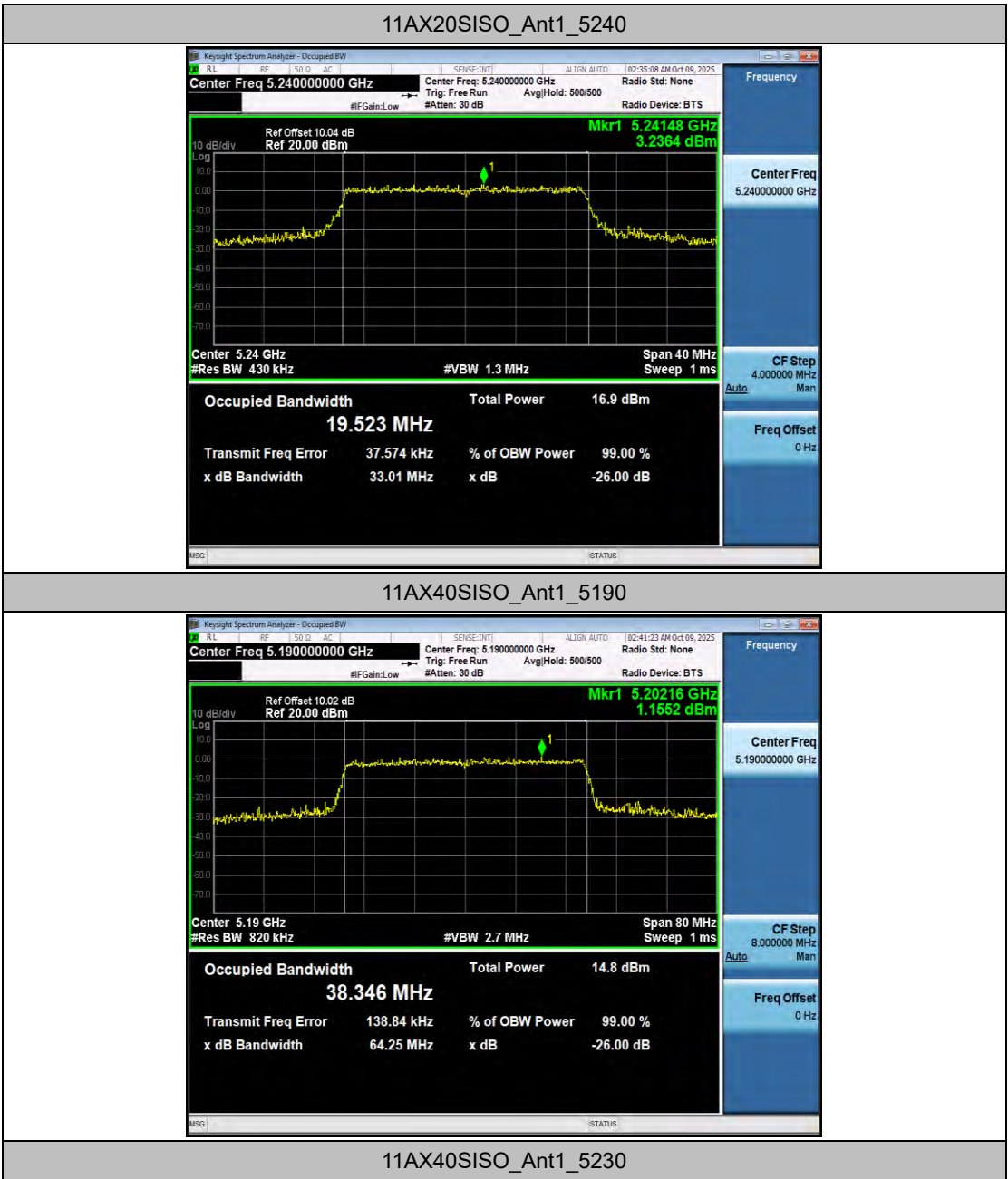


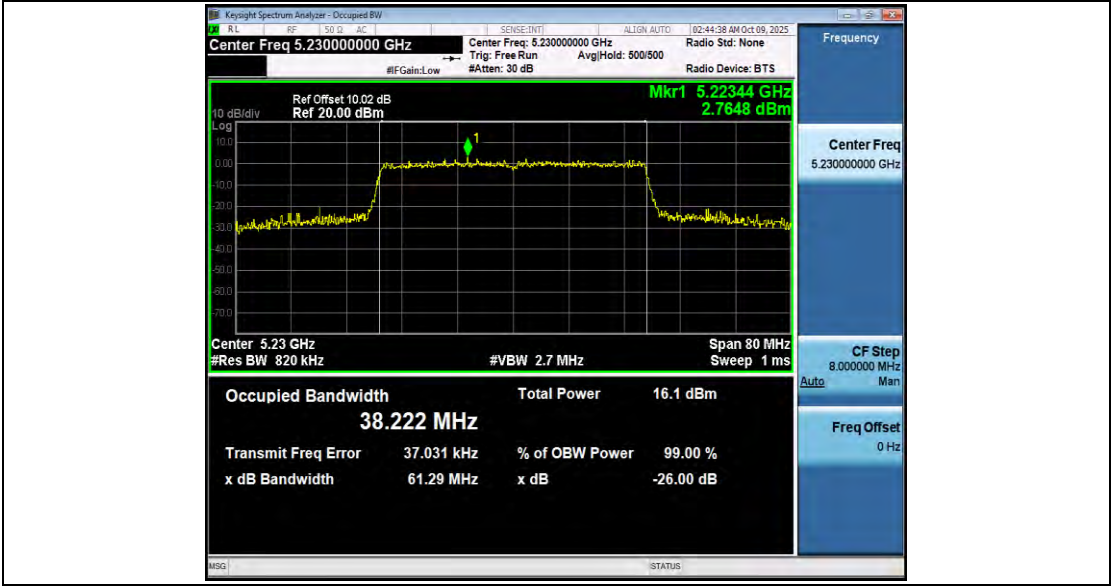
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200





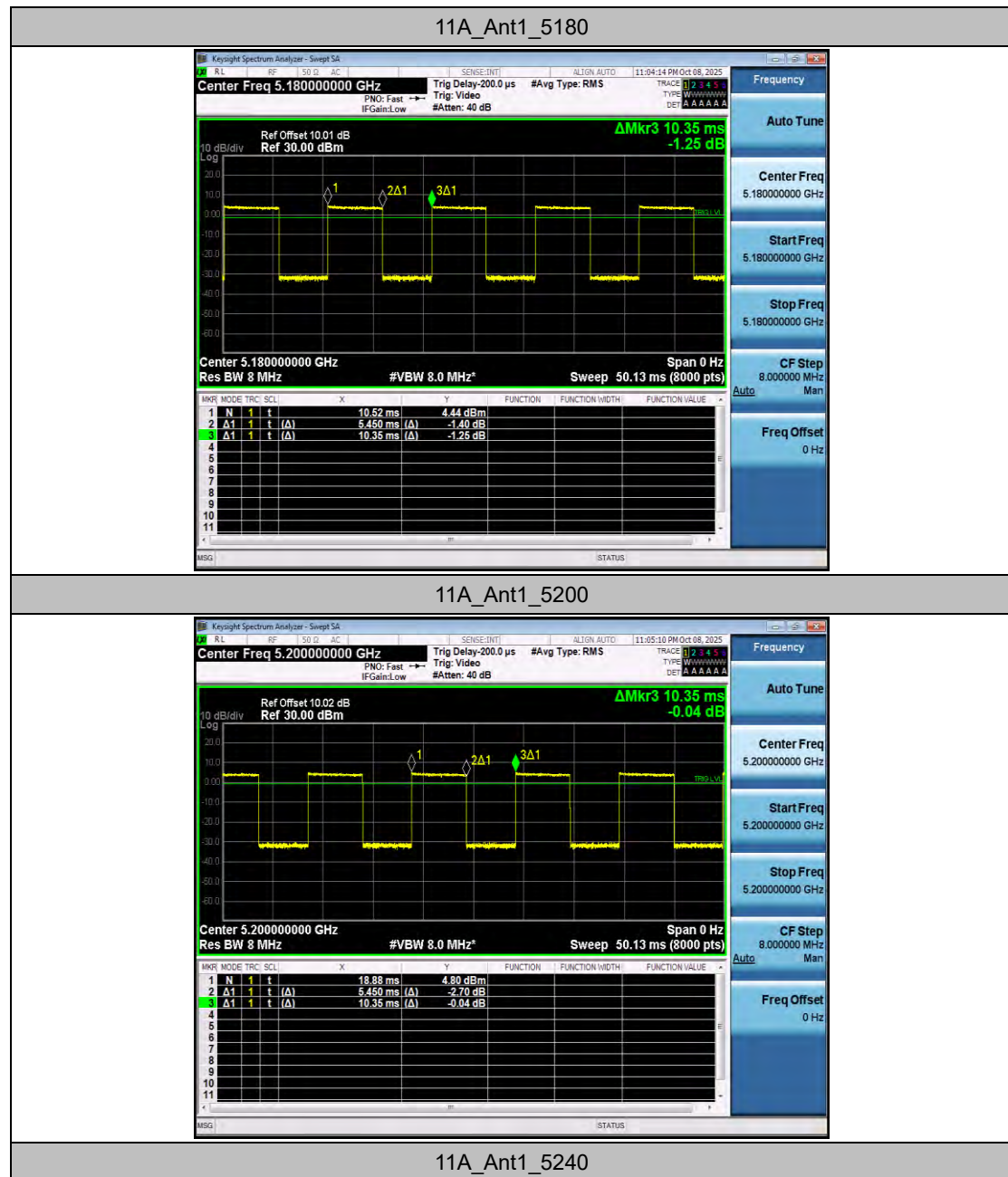


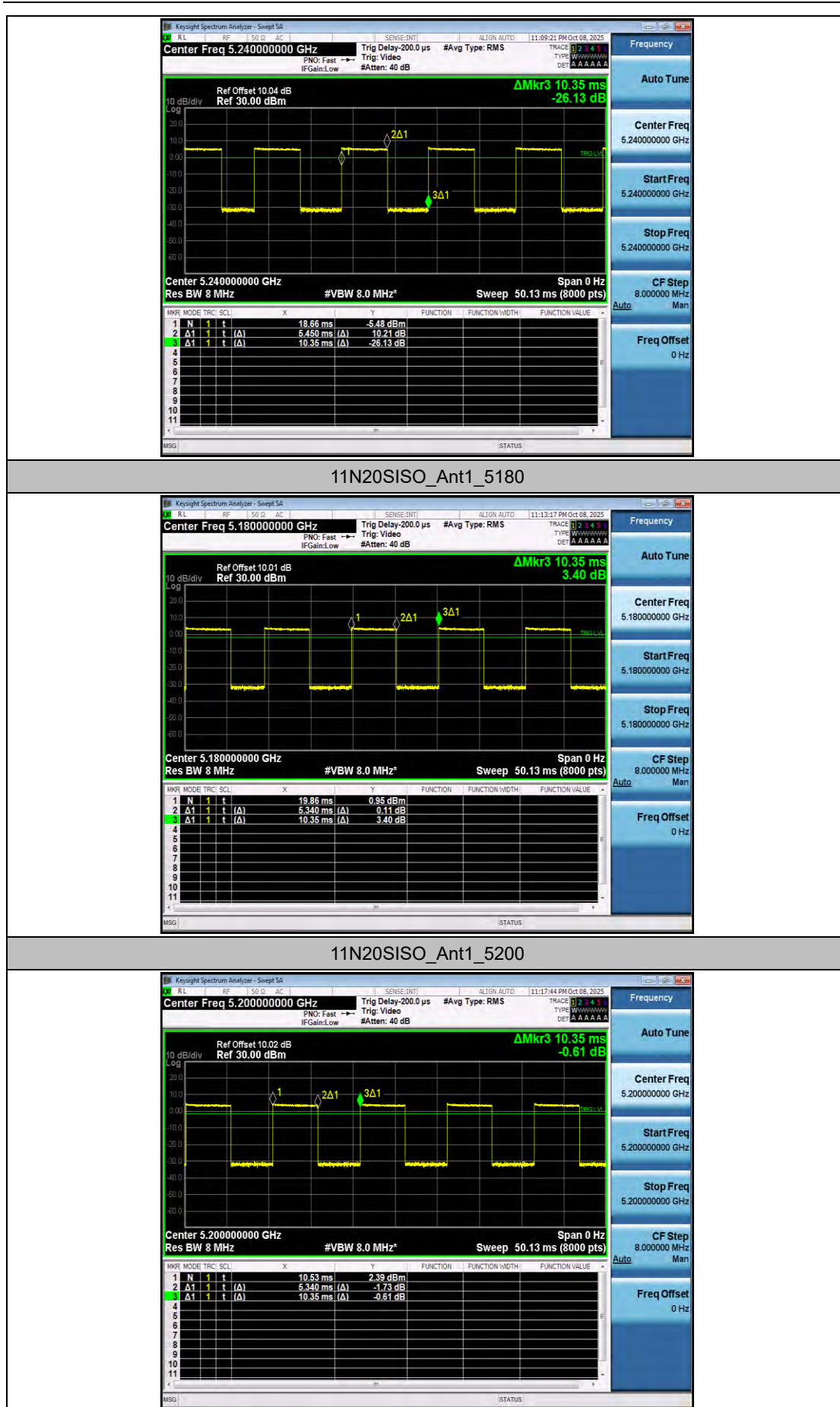
Appendix D.3: Duty Cycle

Test Result

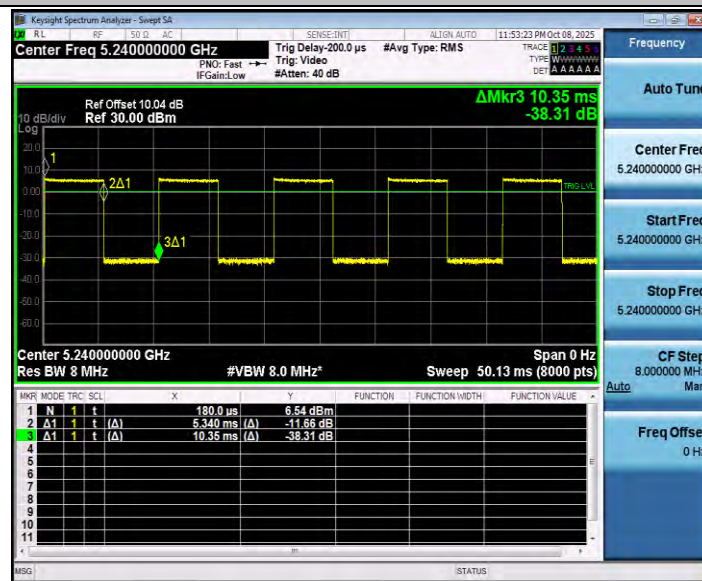
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	5.45	10.35	52.66	2.79	0.18
		5200	5.45	10.35	52.66	2.79	0.18
		5240	5.45	10.35	52.66	2.79	0.18
11N20SISO	Ant1	5180	5.34	10.35	51.59	2.87	0.19
		5200	5.34	10.35	51.59	2.87	0.19
		5240	5.34	10.35	51.59	2.87	0.19
11N40SISO	Ant1	5190	3.00	6.35	47.24	3.26	0.33
		5230	3.00	6.35	47.24	3.26	0.33
11AC20SISO	Ant1	5180	5.35	10.35	51.69	2.87	0.19
		5200	5.35	10.35	51.69	2.87	0.19
		5240	5.34	10.35	51.59	2.87	0.19
11AC40SISO	Ant1	5190	5.14	10.34	49.71	3.04	0.19
		5230	5.15	10.36	49.71	3.04	0.19
11AX20SISO	Ant1	5180	4.63	10.35	44.73	3.49	0.22
		5200	4.62	10.35	44.64	3.50	0.22
		5240	4.62	10.35	44.64	3.50	0.22
11AX40SISO	Ant1	5190	4.62	10.35	44.64	3.50	0.22
		5230	4.62	10.35	44.64	3.50	0.22

Test Graphs





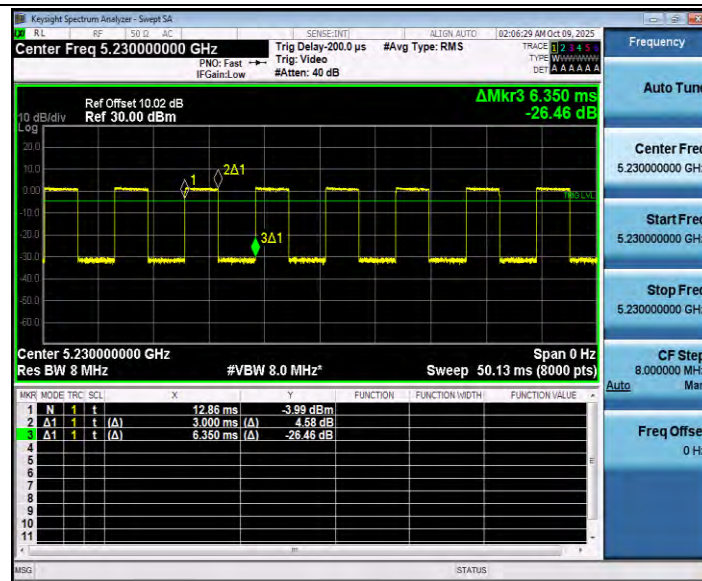
11N20SISO_Ant1_5240



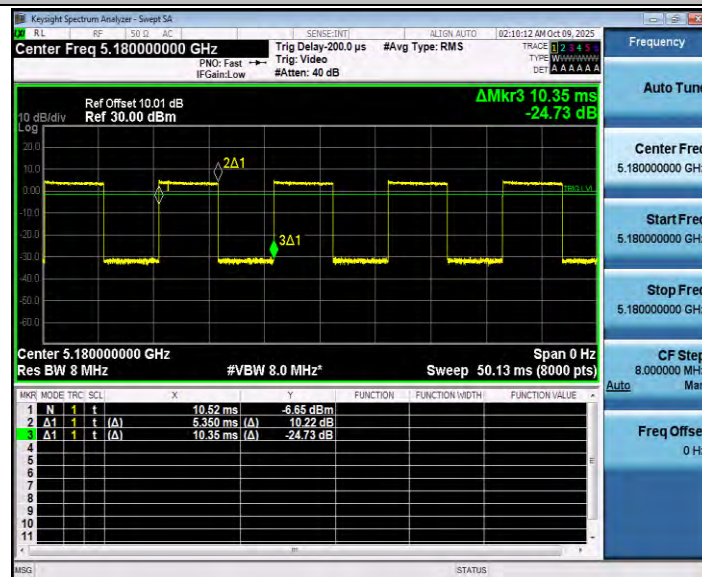
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



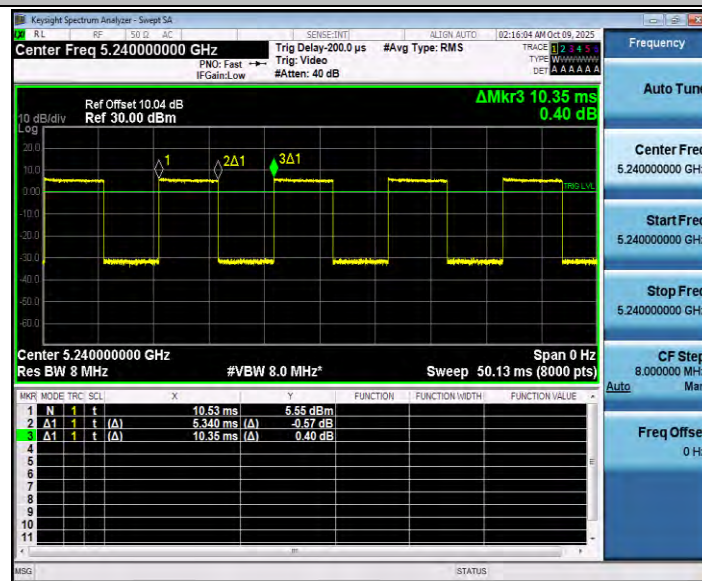
11AC20SISO_Ant1_5180



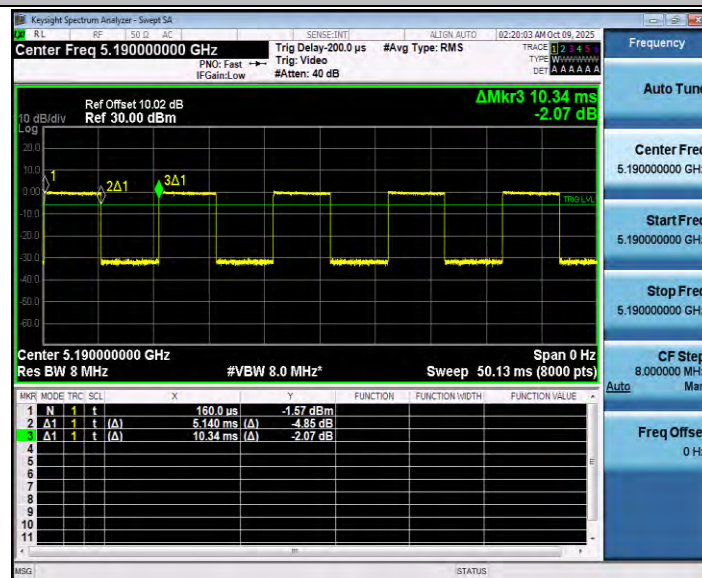
11AC20SISO_Ant1_5200



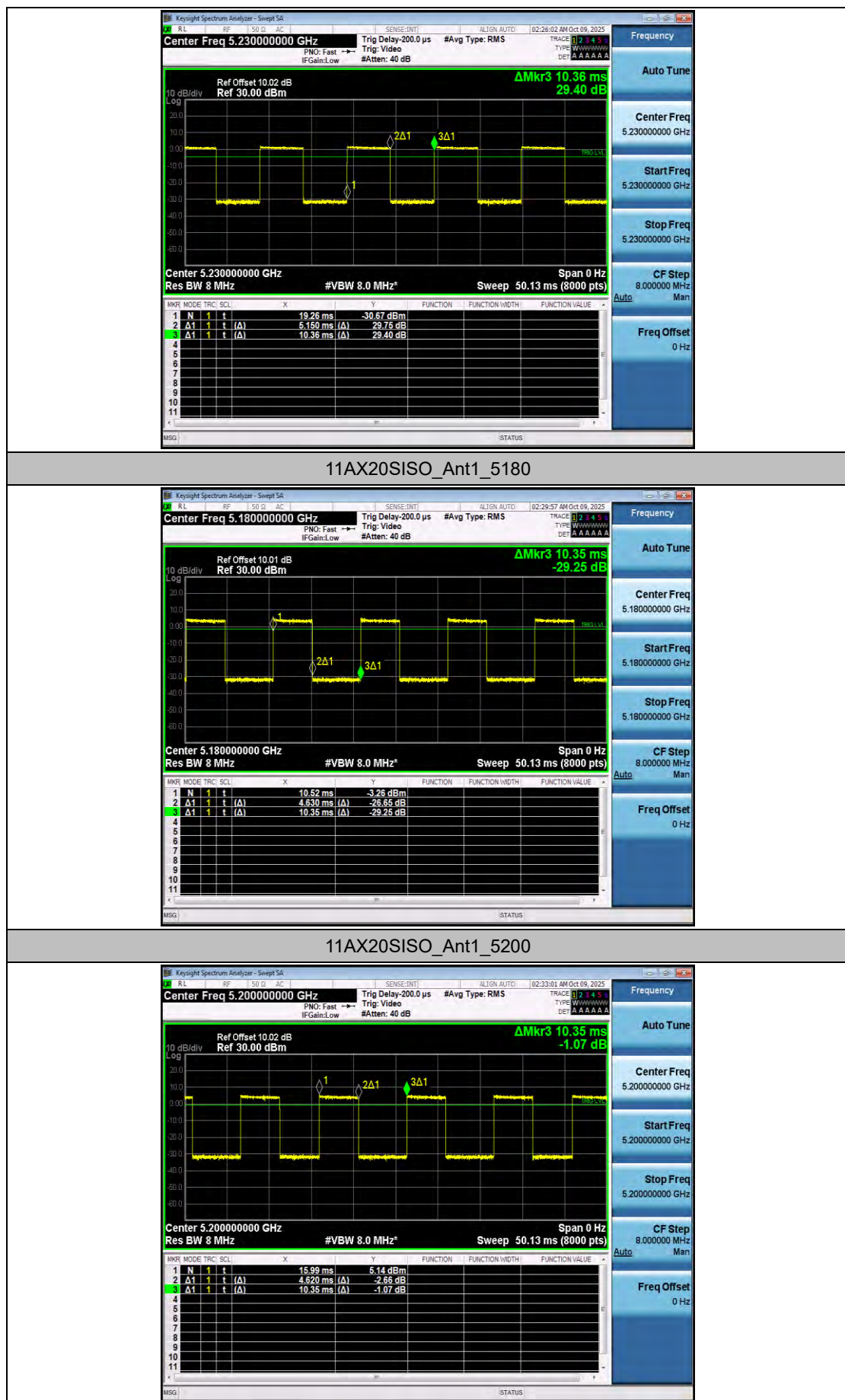
11AC20SISO_Ant1_5240



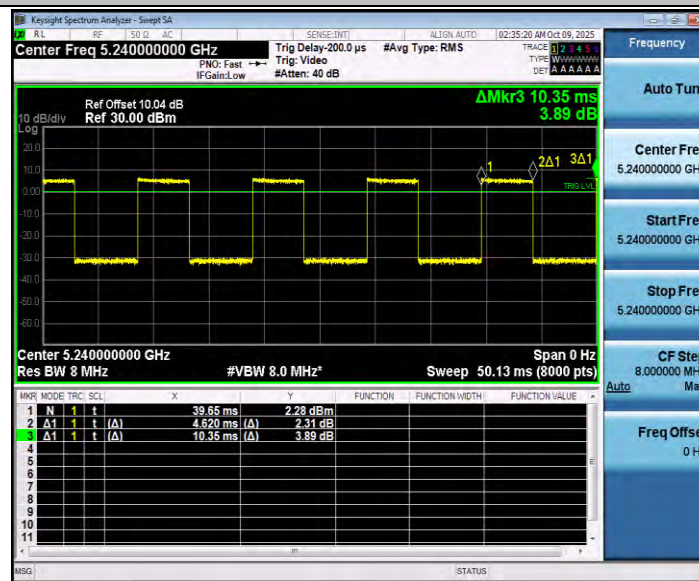
11AC40SISO_Ant1_5190



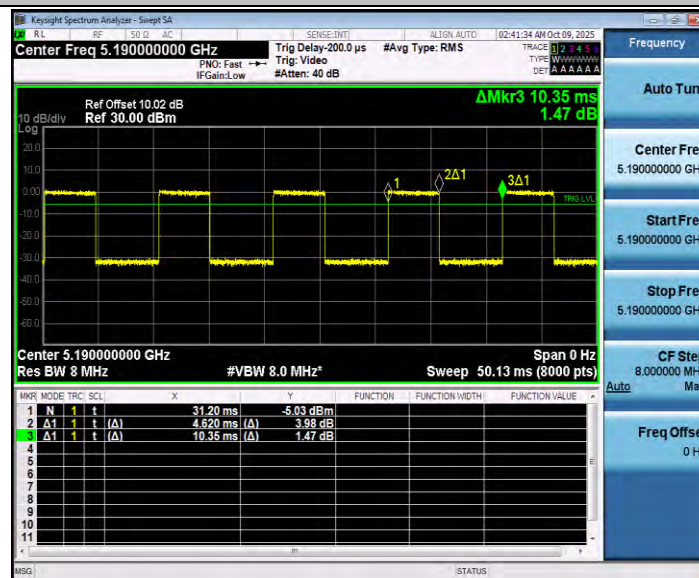
11AC40SISO_Ant1_5230



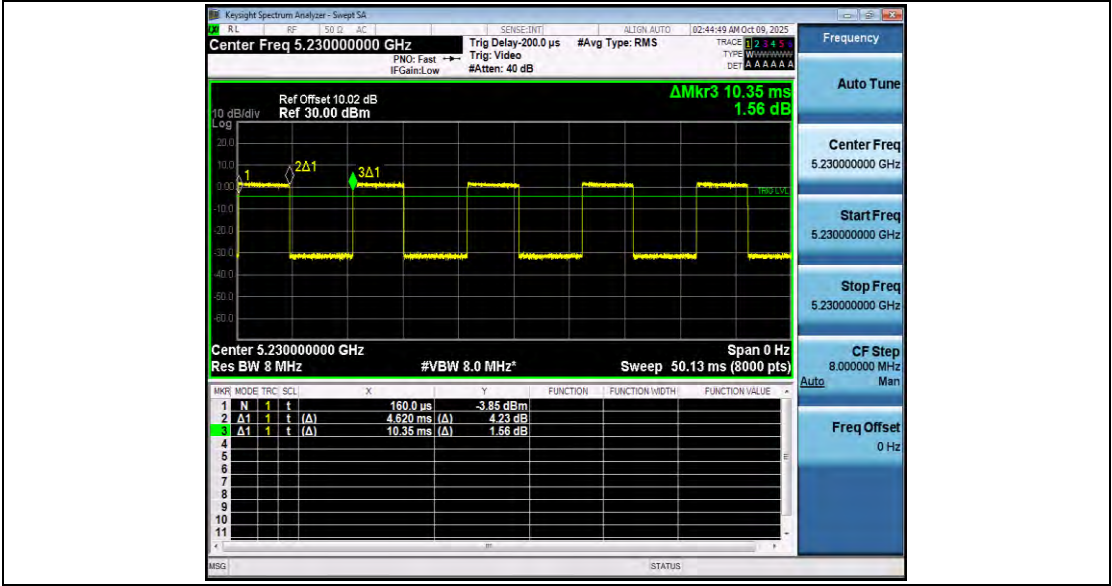
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



Appendix D.4: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	4.43	52.66	2.79	7.22	≤23.98	PASS
		5200	---	4.72	52.66	2.79	7.51	≤23.98	PASS
		5240	---	5.62	52.66	2.79	8.41	≤23.98	PASS
11N20SI SO	Ant1	5180	---	4.21	51.59	2.87	7.08	≤23.98	PASS
		5200	---	4.64	51.59	2.87	7.51	≤23.98	PASS
		5240	---	6.11	51.59	2.87	8.98	≤23.98	PASS
11N40SI SO	Ant1	5190	---	4.62	47.24	3.26	7.88	≤23.98	PASS
		5230	---	4.73	47.24	3.26	7.99	≤23.98	PASS
11AC20S ISO	Ant1	5180	---	4.67	51.69	2.87	7.54	≤23.98	PASS
		5200	---	5.21	51.69	2.87	8.08	≤23.98	PASS
		5240	---	6.28	51.59	2.87	9.15	≤23.98	PASS
11AC40S ISO	Ant1	5190	---	3.61	49.71	3.04	6.65	≤23.98	PASS
		5230	---	4.62	49.71	3.04	7.66	≤23.98	PASS
11AX20S ISO	Ant1	5180	---	4.24	44.73	3.49	7.73	≤23.98	PASS
		5200	---	4.76	44.64	3.50	8.26	≤23.98	PASS
		5240	---	5.57	44.64	3.50	9.07	≤23.98	PASS
11AX40S ISO	Ant1	5190	---	3.35	44.64	3.50	6.85	≤23.98	PASS
		5230	---	4.89	44.64	3.50	8.39	≤23.98	PASS

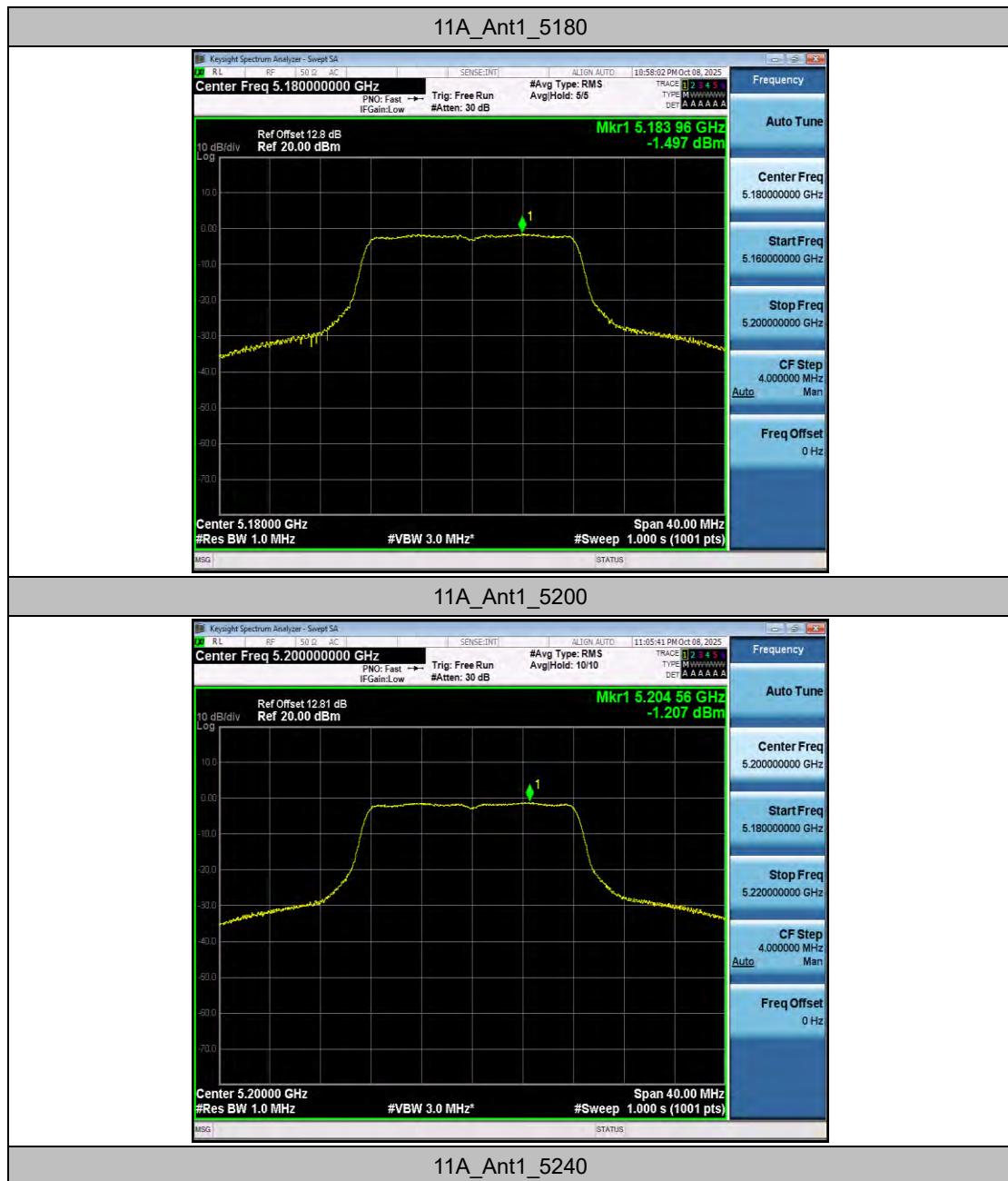
Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-1.50	≤11.00	PASS
		5200	-1.21	≤11.00	PASS
		5240	-0.21	≤11.00	PASS
11N20SISO	Ant1	5180	-1.88	≤11.00	PASS
		5200	-1.47	≤11.00	PASS
		5240	0.19	≤11.00	PASS
11N40SISO	Ant1	5190	-3.60	≤11.00	PASS
		5230	-3.57	≤11.00	PASS
11AC20SISO	Ant1	5180	-1.40	≤11.00	PASS
		5200	-0.78	≤11.00	PASS
		5240	0.13	≤11.00	PASS
11AC40SISO	Ant1	5190	-4.73	≤11.00	PASS
		5230	-3.80	≤11.00	PASS
11AX20SISO	Ant1	5180	-1.02	≤11.00	PASS
		5200	-0.46	≤11.00	PASS
		5240	0.50	≤11.00	PASS
11AX40SISO	Ant1	5190	-4.60	≤11.00	PASS
		5230	-3.58	≤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_Ant1_5180



11N20SISO_Ant1_5200



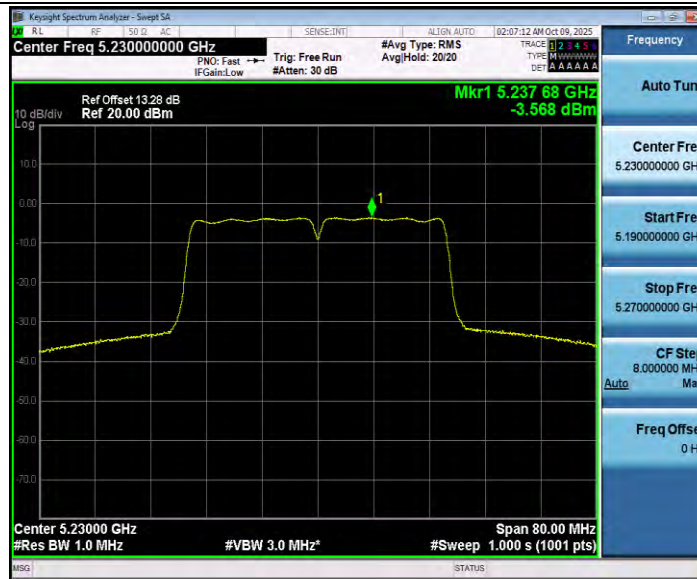
11N20SISO_Ant1_5240



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



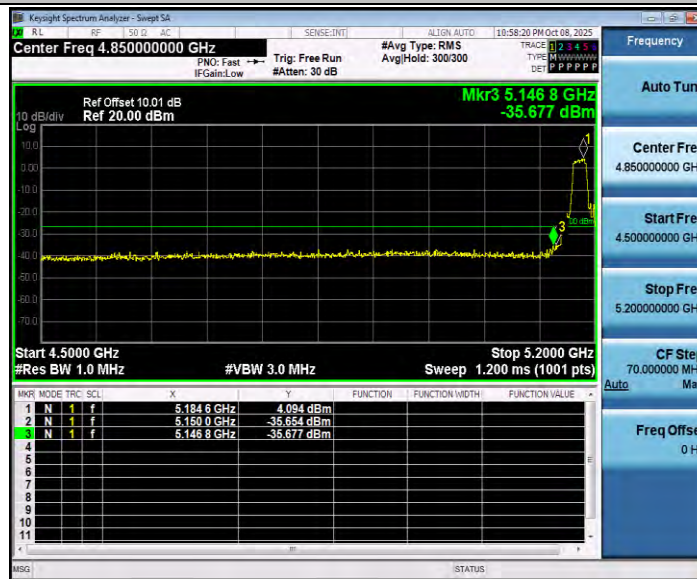
Appendix D.6: Band edge measurements

Test Result B1/2/3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-35.68	≤ -27	PASS
		High	5240	-36.65	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-35.11	≤ -27	PASS
		High	5240	-37.42	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-29.73	≤ -27	PASS
		High	5230	-36.89	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-31.67	≤ -27	PASS
		High	5240	-37.79	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-30.95	≤ -27	PASS
		High	5230	-36.79	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-34.27	≤ -27	PASS
		High	5240	-37.24	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-27.47	≤ -27	PASS
		High	5230	-37.29	≤ -27	PASS

Test Graphs B1/2/3

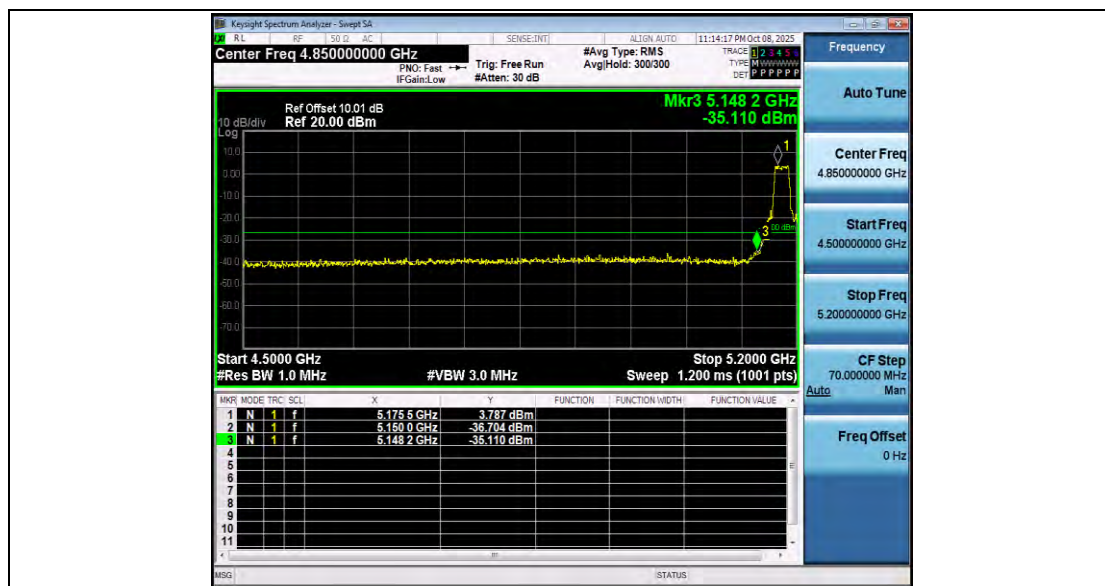
11A_Ant1_Low_5180



11A_Ant1_High_5240



11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



11N40SISO_Ant1_Low_5190

