

Case No. : <u>GTS20251122004-1-13</u>
Ambient Condition: <u>25</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.4.9-2026.4.22</u> Test Engineer: <u>Evan ouyang</u>

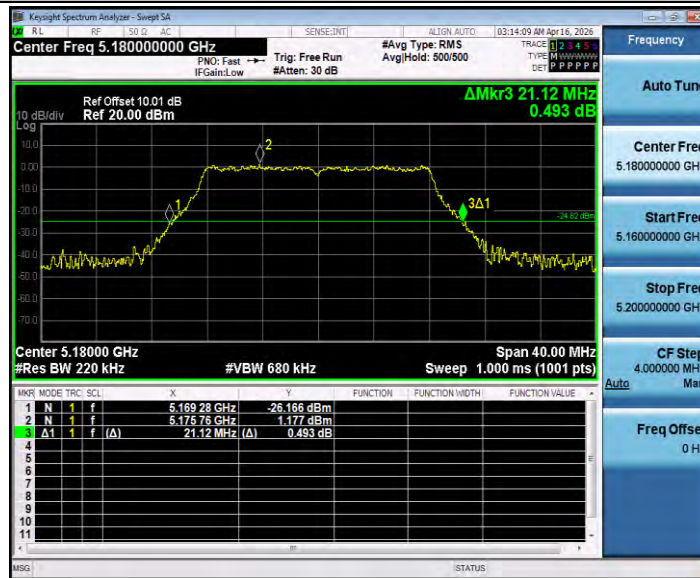
Appendix D.1: Emission Bandwidth

Test Result

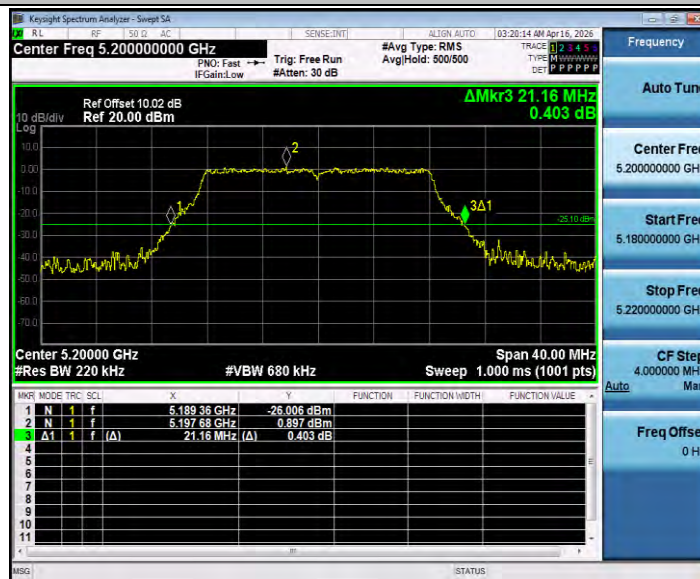
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.120	5169.280	5190.400	---	---
		5200	21.160	5189.360	5210.520	---	---
		5240	21.280	5229.240	5250.520	---	---
11N20SISO	Ant1	5180	21.320	5169.320	5190.640	---	---
		5200	21.560	5189.280	5210.840	---	---
		5240	21.440	5229.320	5250.760	---	---
11N40SISO	Ant1	5190	40.320	5169.920	5210.240	---	---
		5230	40.880	5209.200	5250.080	---	---
11AC20SISO	Ant1	5180	21.640	5169.080	5190.720	---	---
		5200	21.600	5189.200	5210.800	---	---
		5240	21.640	5229.040	5250.680	---	---
11AC40SISO	Ant1	5190	40.160	5169.920	5210.080	---	---
		5230	40.880	5209.680	5250.560	---	---
11AC80SISO	Ant1	5210	80.800	5169.680	5250.480	---	---
11AX20SISO	Ant1	5180	22.080	5168.880	5190.960	---	---
		5200	21.840	5188.920	5210.760	---	---
		5240	22.000	5229.080	5251.080	---	---
11AX40SISO	Ant1	5190	40.800	5169.520	5210.320	---	---
		5230	41.040	5209.360	5250.400	---	---
11AX80SISO	Ant1	5210	81.920	5169.040	5250.960	---	---

Test Graphs

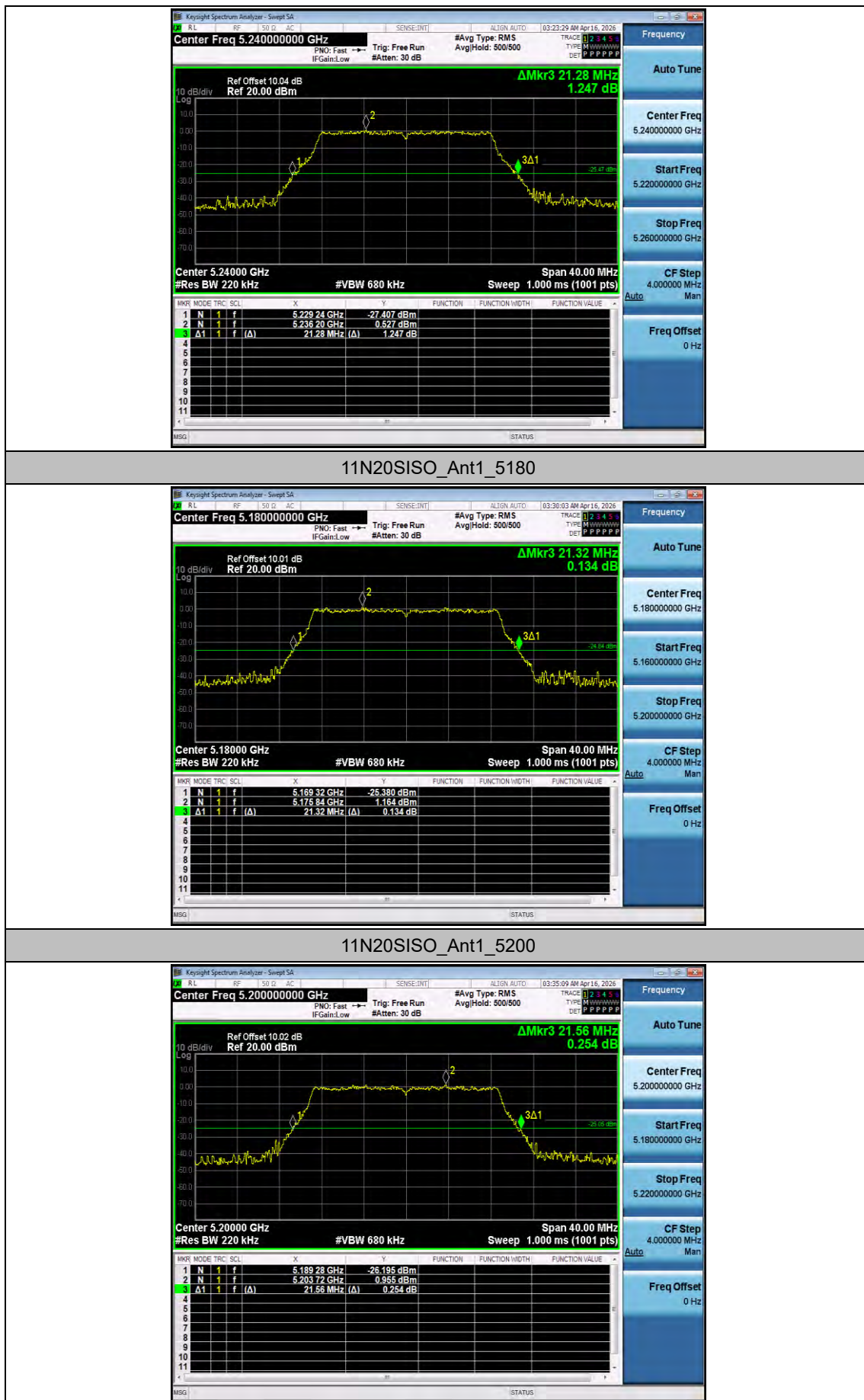
11A_Ant1_5180



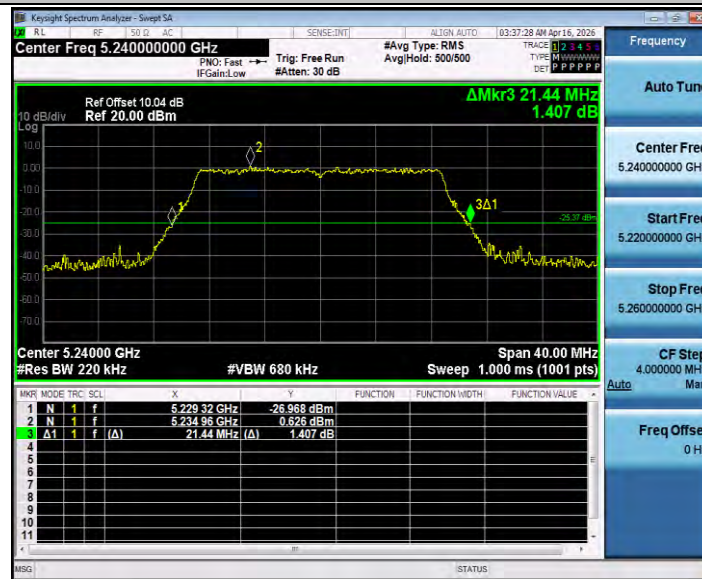
11A_Ant1_5200



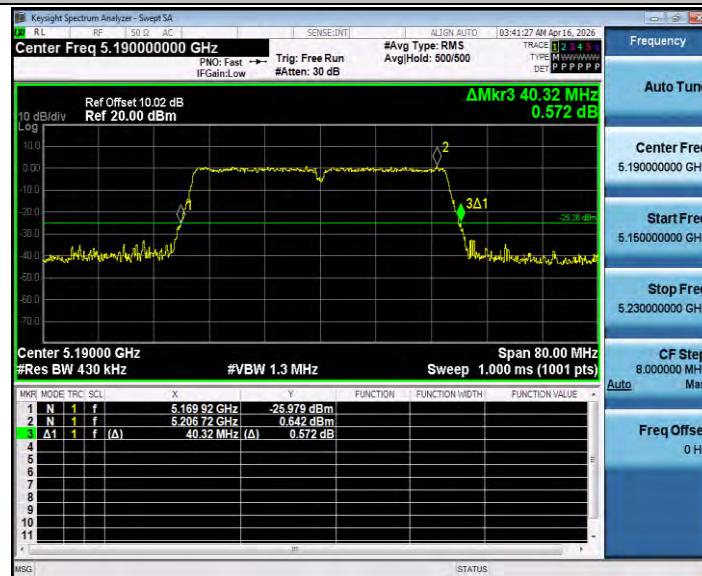
11A_Ant1_5240



11N20SISO_Ant1_5240



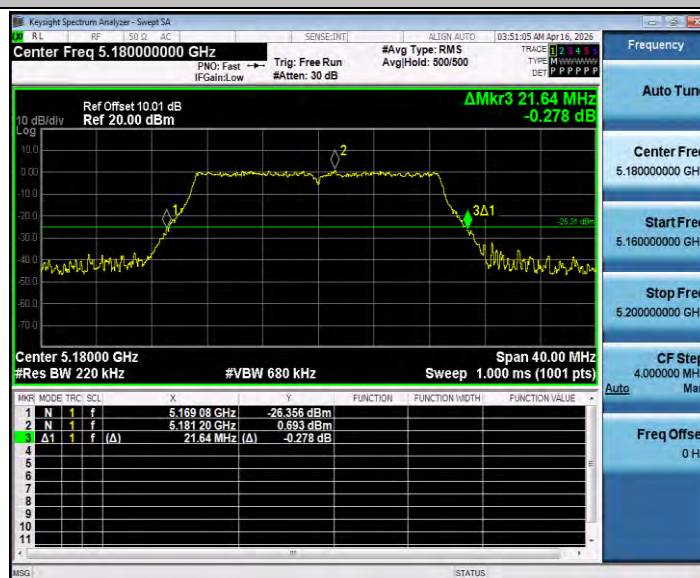
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



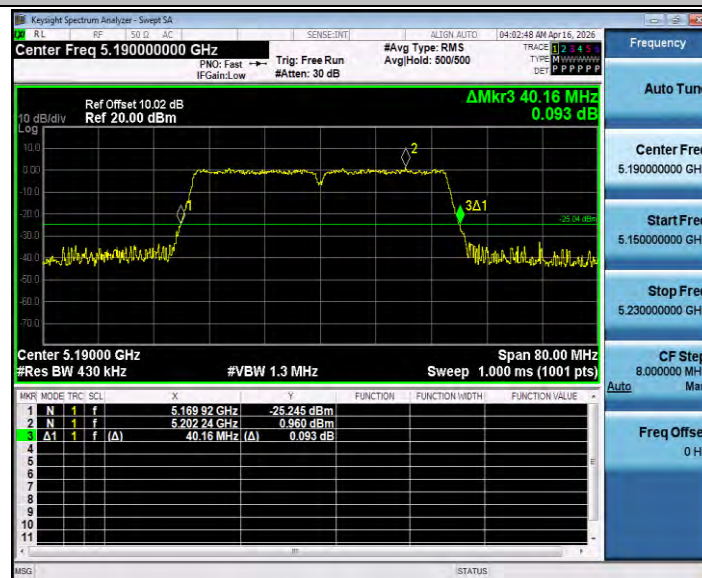
11AC20SISO_Ant1_5200



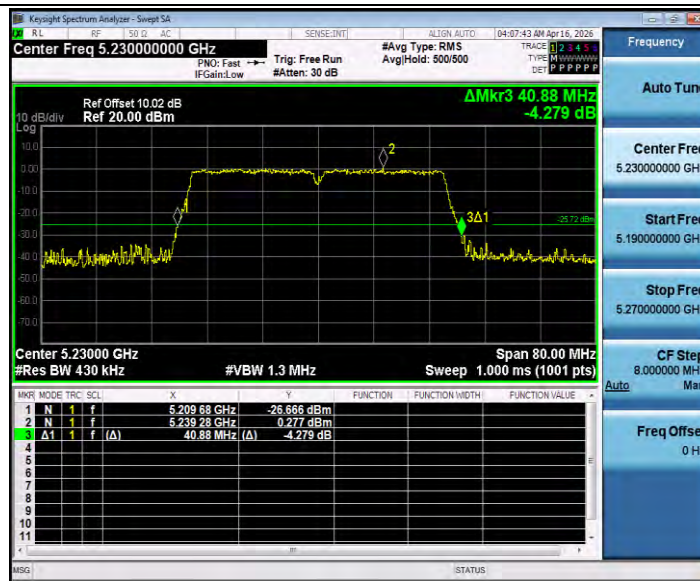
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



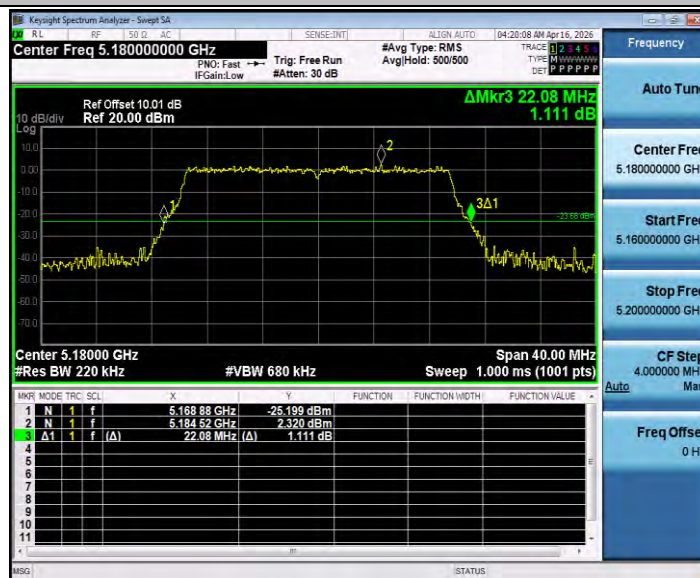
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



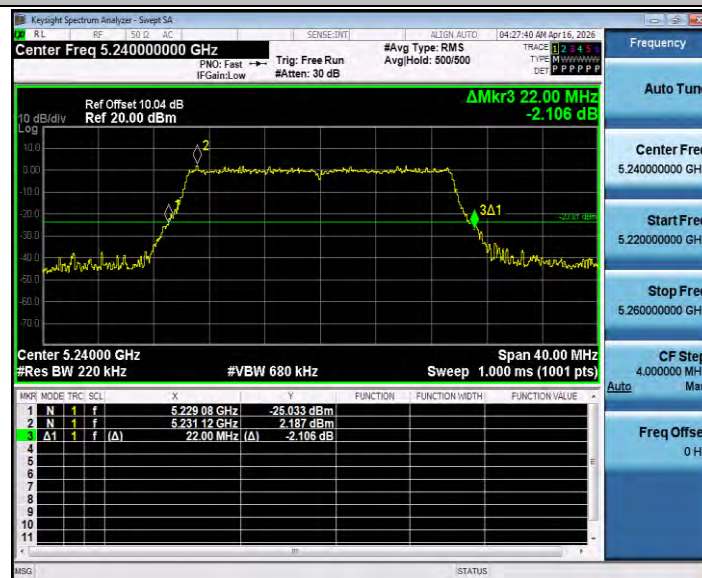
11AX20SISO_Ant1_5180



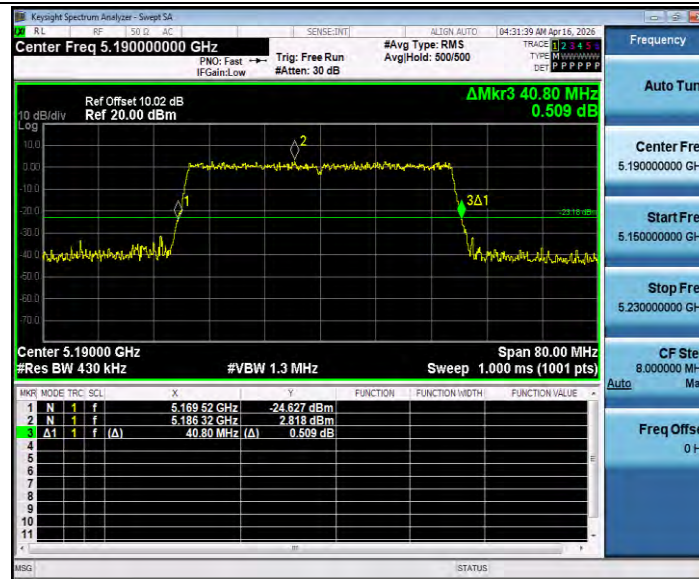
11AX20SISO_Ant1_5200



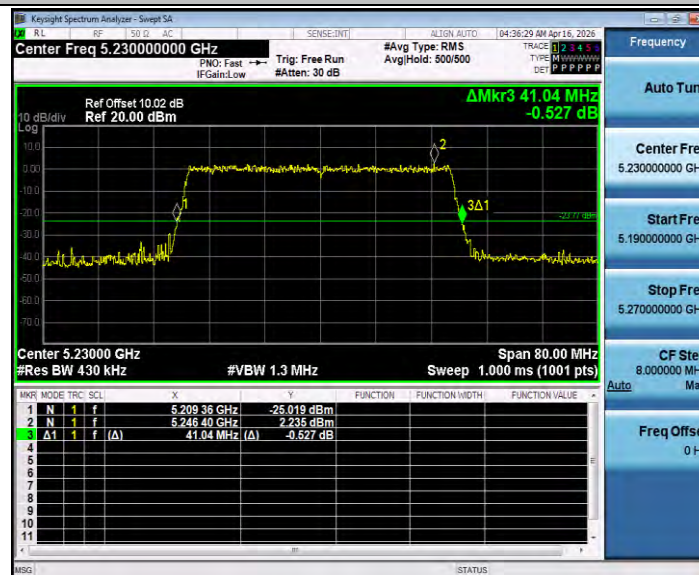
11AX20SISO_Ant1_5240



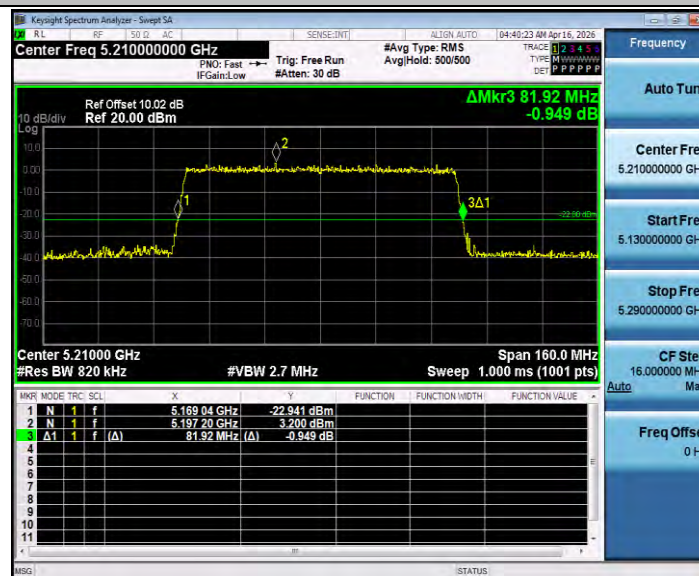
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

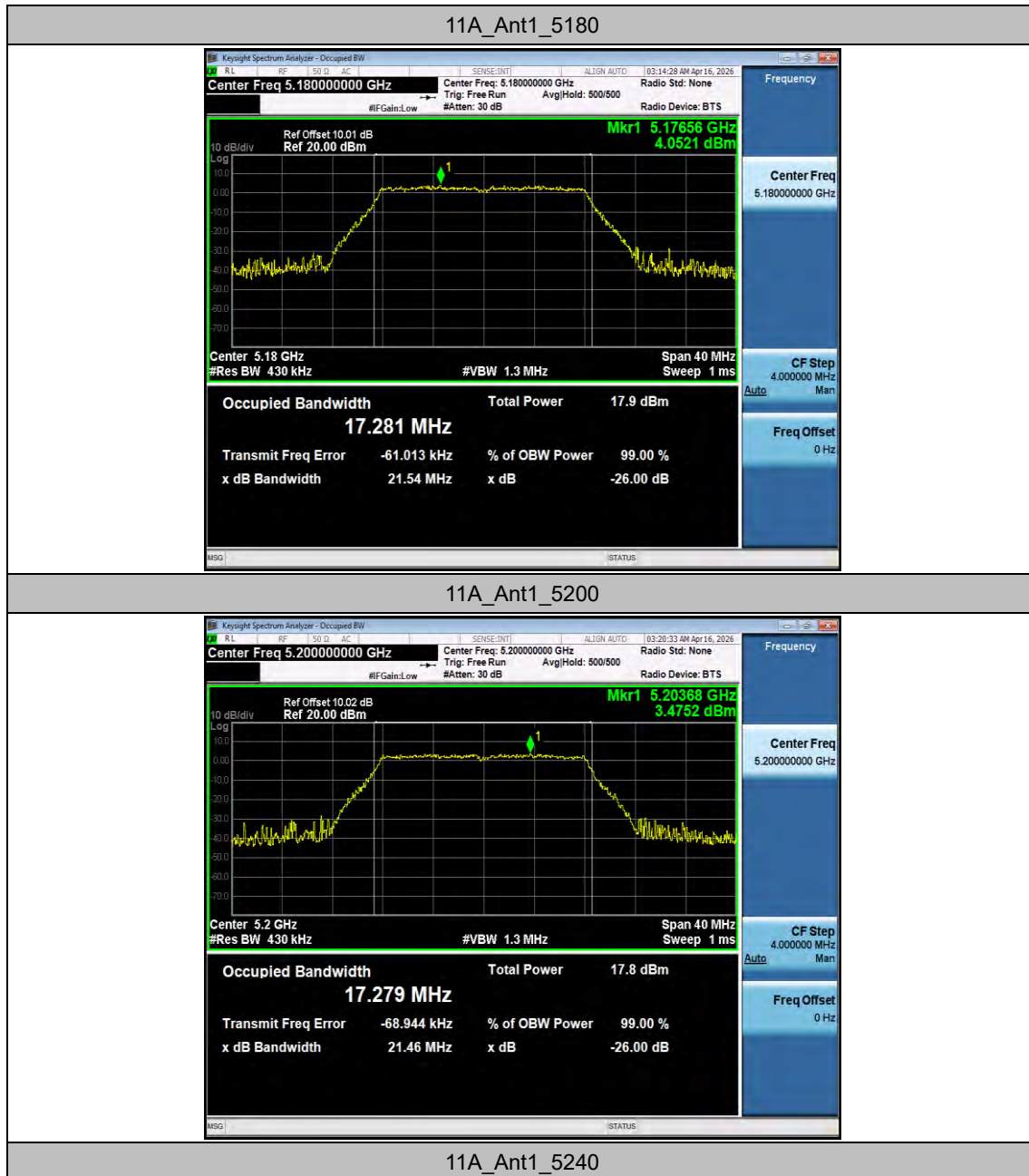


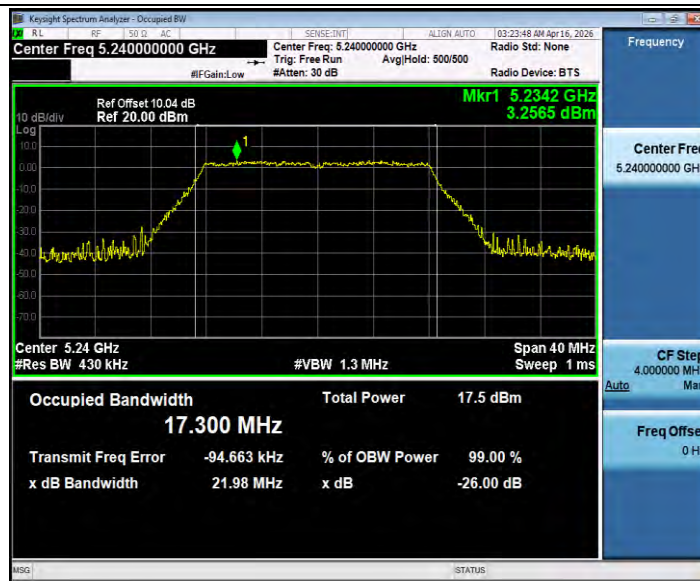
Appendix D.2: Occupied channel bandwidth

Test Result

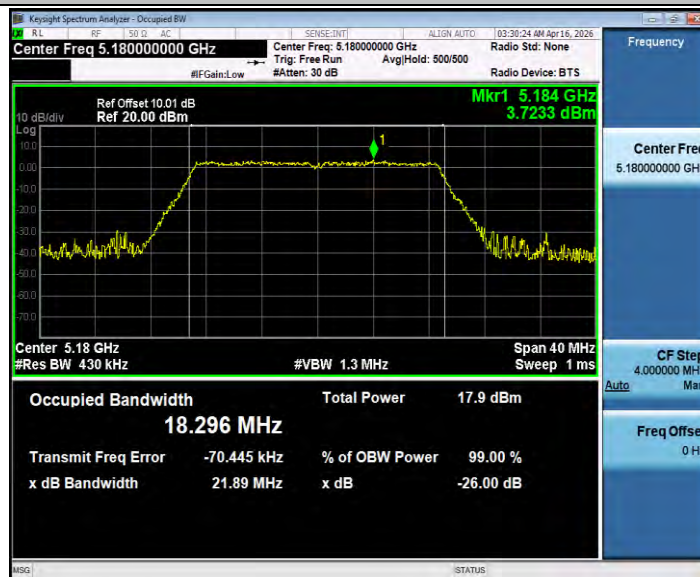
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.281	5171.2985	5188.5795	---	---
		5200	17.279	5191.2916	5208.5706	---	---
		5240	17.300	5231.2553	5248.5553	---	---
11N20SISO	Ant1	5180	18.296	5170.7816	5189.0776	---	---
		5200	18.290	5190.8087	5209.0987	---	---
		5240	18.307	5230.7790	5249.0860	---	---
11N40SISO	Ant1	5190	36.759	5171.5842	5208.3432	---	---
		5230	36.760	5211.5897	5248.3497	---	---
11AC20SISO	Ant1	5180	18.276	5170.7979	5189.0739	---	---
		5200	18.289	5190.8055	5209.0945	---	---
		5240	18.292	5230.7805	5249.0725	---	---
11AC40SISO	Ant1	5190	36.814	5171.5558	5208.3698	---	---
		5230	36.700	5211.5731	5248.2731	---	---
11AC80SISO	Ant1	5210	75.698	5172.1070	5247.8050	---	---
11AX20SISO	Ant1	5180	19.245	5170.3094	5189.5544	---	---
		5200	19.244	5190.3184	5209.5624	---	---
		5240	19.260	5230.3339	5249.5939	---	---
11AX40SISO	Ant1	5190	38.129	5170.8747	5209.0037	---	---
		5230	38.039	5210.9307	5248.9697	---	---
11AX80SISO	Ant1	5210	77.612	5171.1021	5248.7141	---	---

Test Graphs

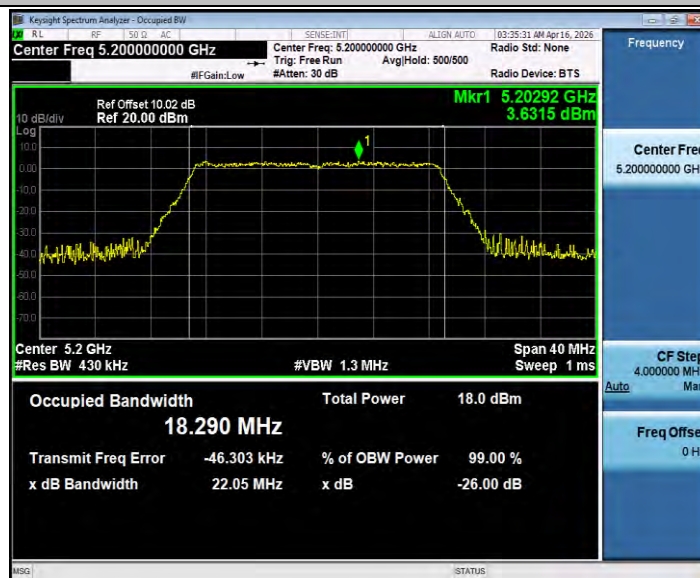




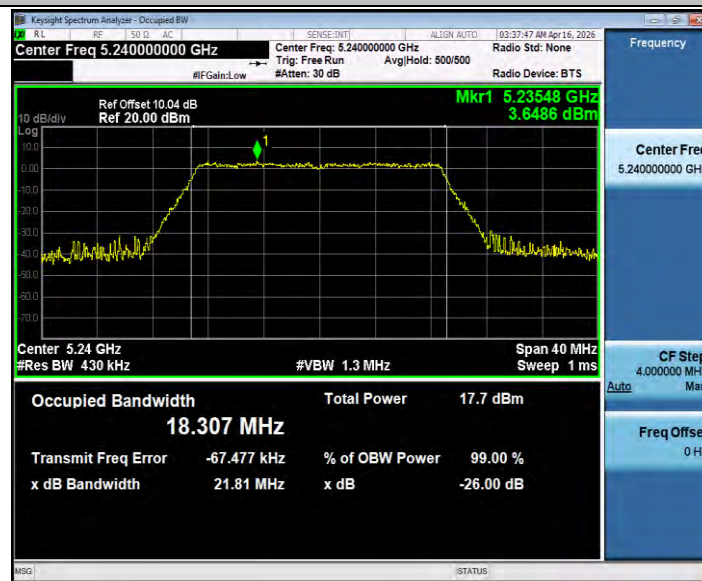
11N20SISO_Ant1_5180



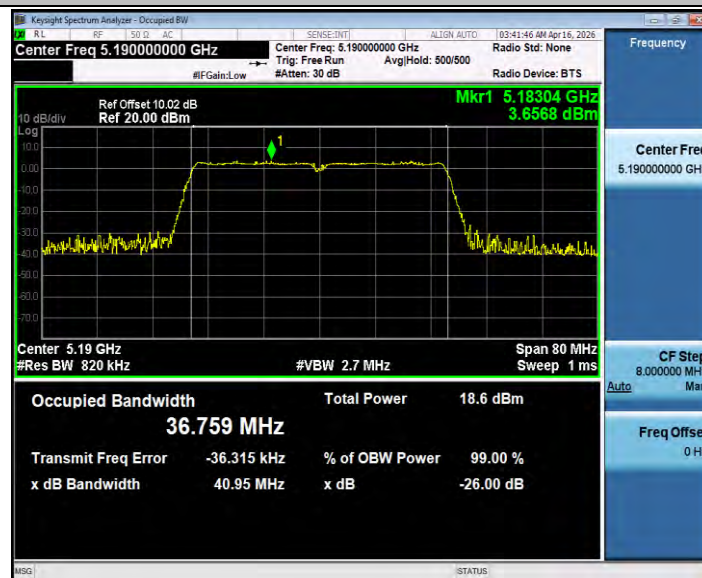
11N20SISO_Ant1_5200



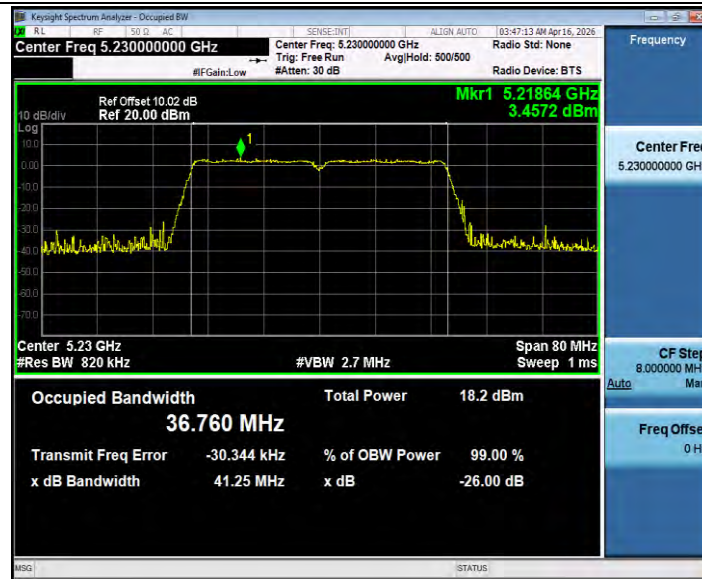
11N20SISO_Ant1_5240



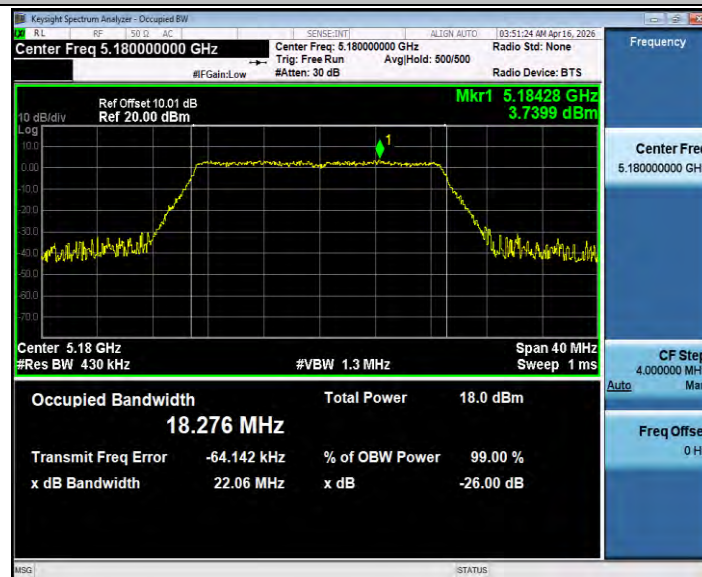
11N40SISO_Ant1_5190



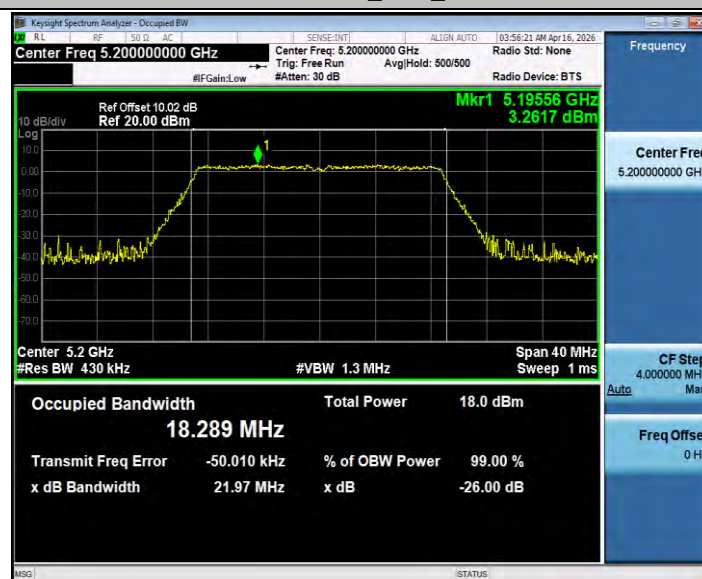
11N40SISO_Ant1_5230



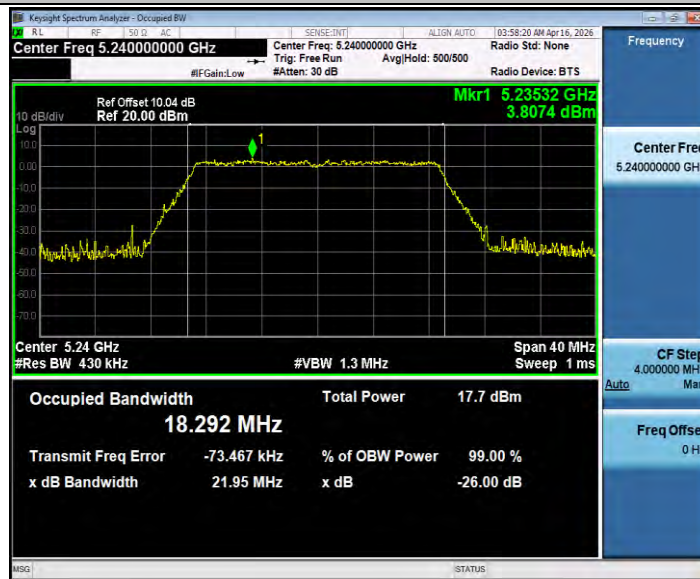
11AC20SISO_Ant1_5180



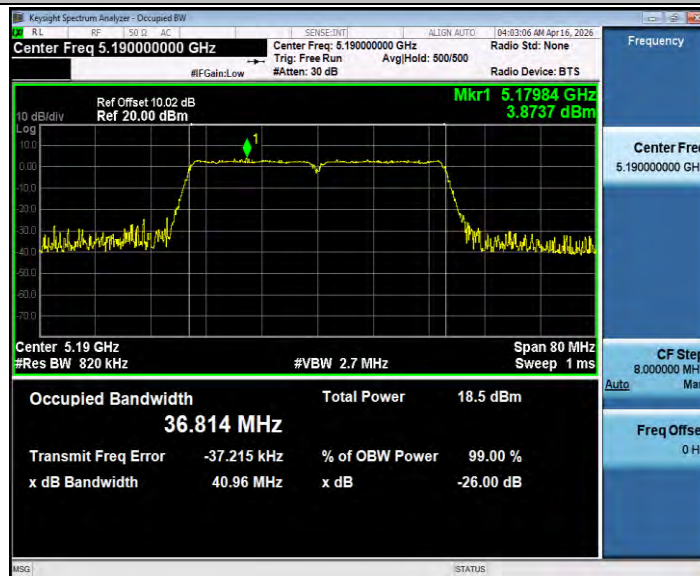
11AC20SISO_Ant1_5200



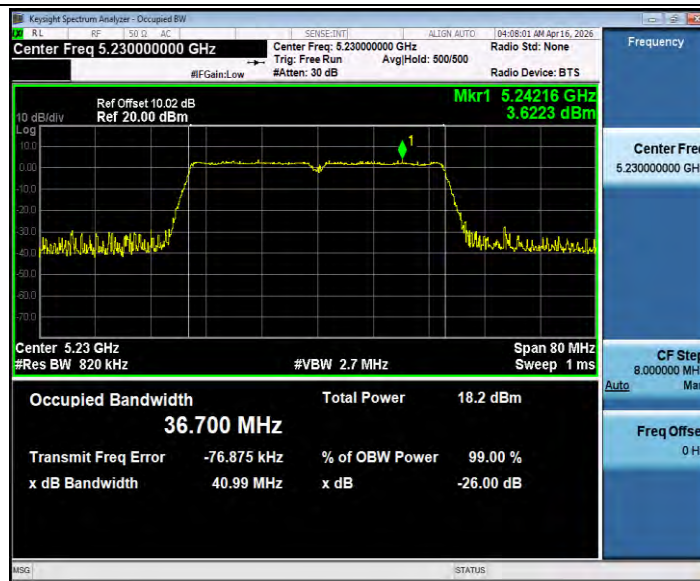
11AC20SISO_Ant1_5240



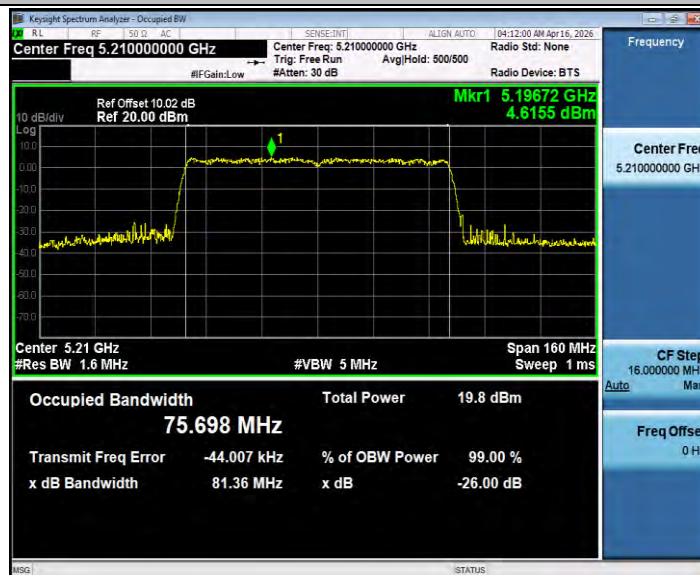
11AC40SISO_Ant1_5190



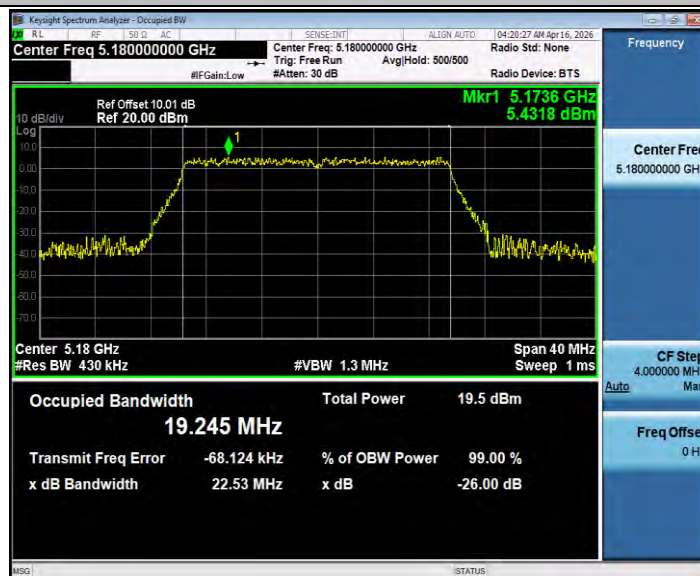
11AC40SISO_Ant1_5230



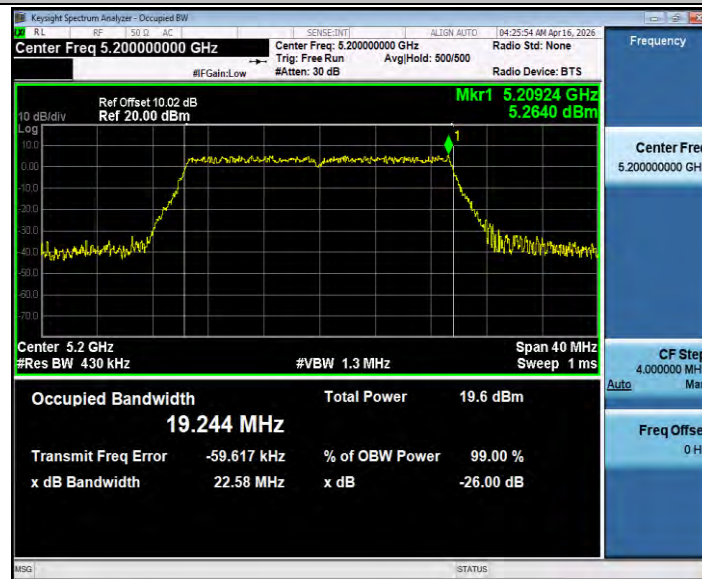
11AC80SISO_Ant1_5210



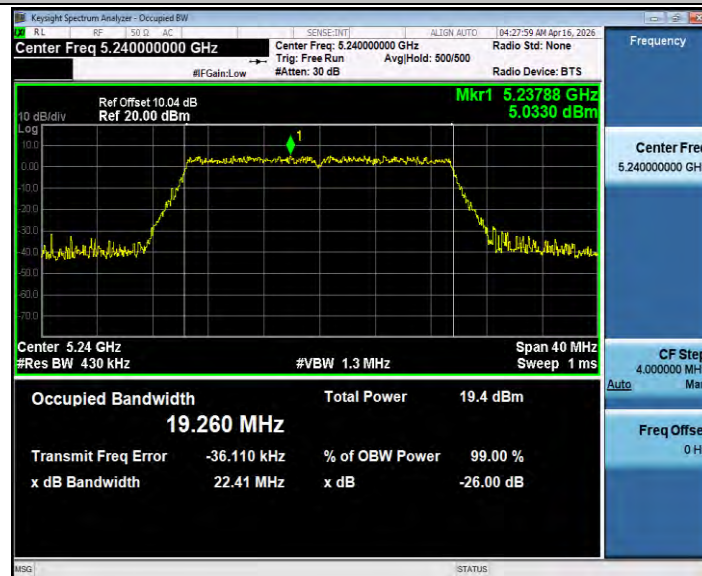
11AX20SISO_Ant1_5180



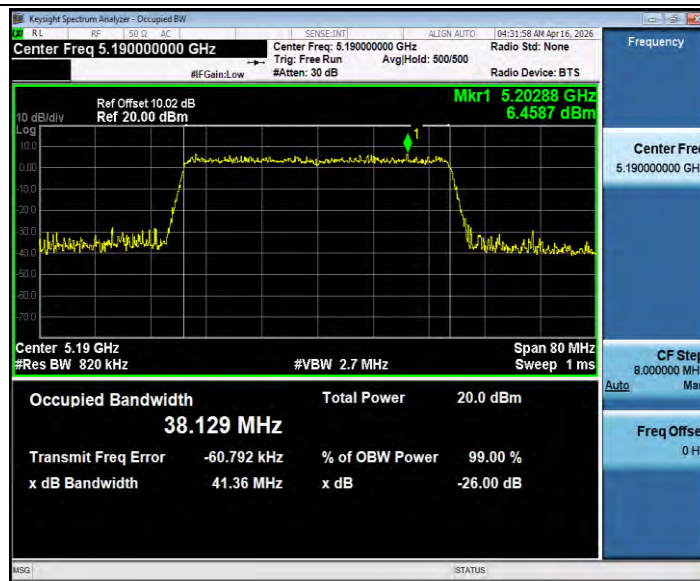
11AX20SISO_Ant1_5200



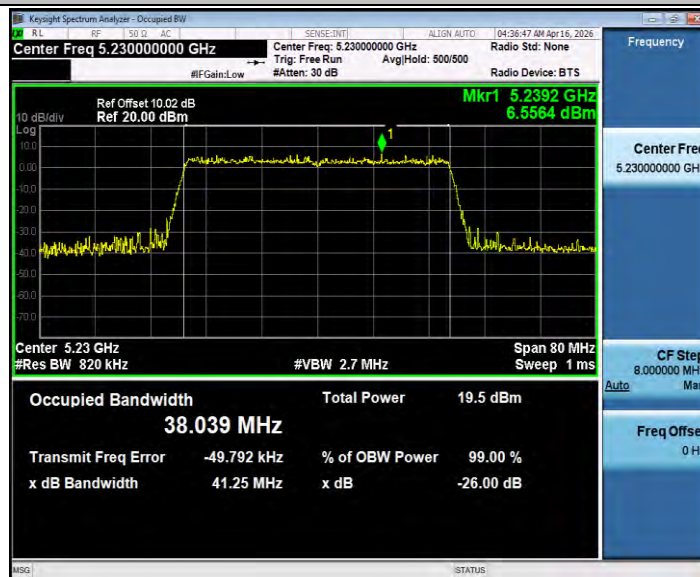
11AX20SISO_Ant1_5240



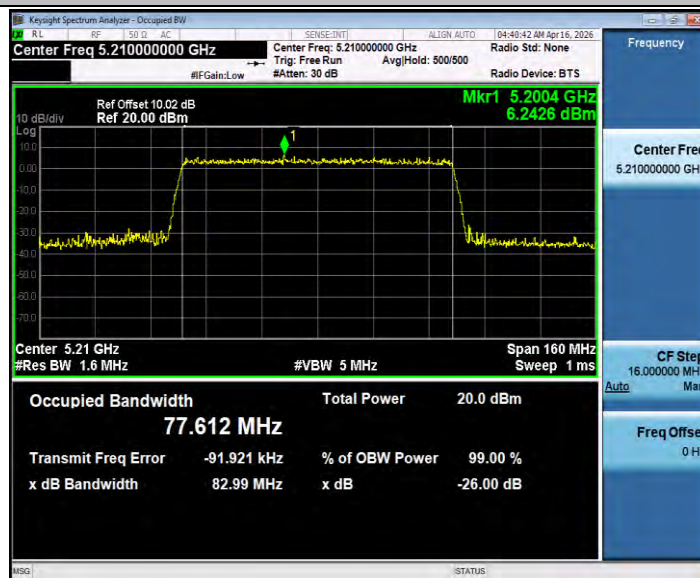
11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX80ISO_Ant1_5210



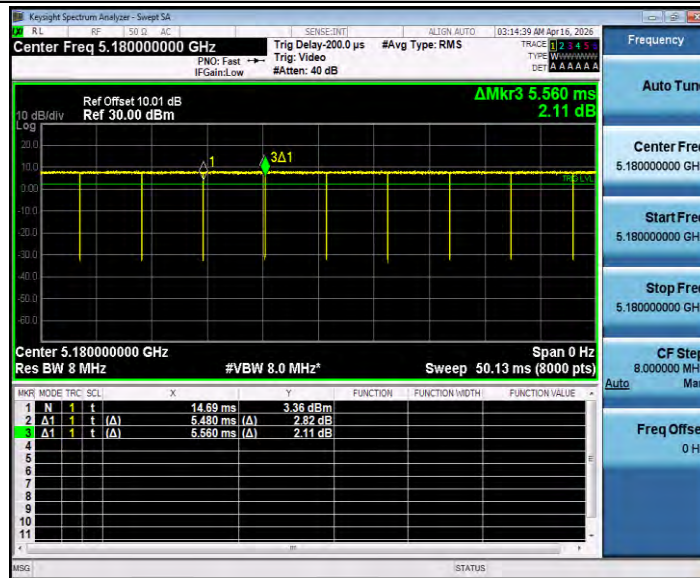
AppendixD.3: Duty Cycle

Test Result

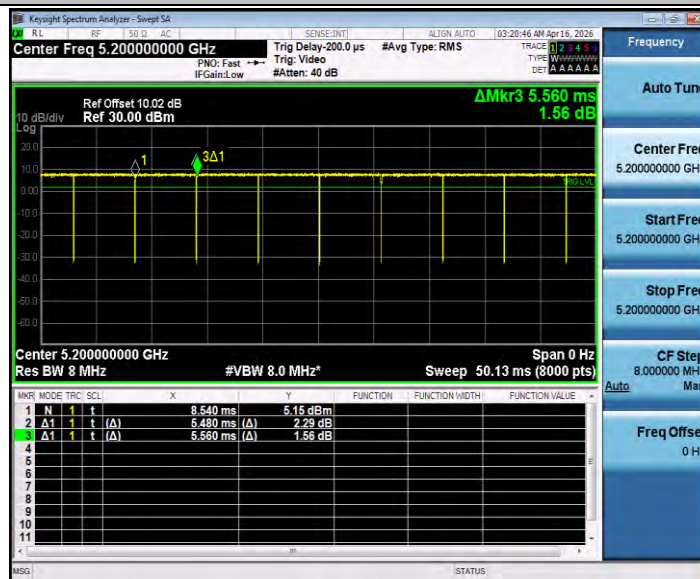
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	5.48	5.56	98.56	0.06	0.18
		5200	5.48	5.56	98.56	0.06	0.18
		5240	5.49	5.56	98.74	0.06	0.18
11N20SISO	Ant1	5180	5.37	5.44	98.71	0.06	0.19
		5200	5.37	5.44	98.71	0.06	0.19
		5240	5.37	5.44	98.71	0.06	0.19
11N40SISO	Ant1	5190	5.03	5.10	98.63	0.06	0.20
		5230	5.04	5.12	98.44	0.07	0.20
11AC20SISO	Ant1	5180	5.37	5.45	98.53	0.06	0.19
		5200	5.38	5.46	98.53	0.06	0.19
		5240	5.37	5.45	98.53	0.06	0.19
11AC40SISO	Ant1	5190	5.16	5.23	98.66	0.06	0.19
		5230	5.15	5.23	98.47	0.07	0.19
11AC80SISO	Ant1	5210	4.76	4.83	98.55	0.06	0.21
11AX20SISO	Ant1	5180	4.65	4.72	98.52	0.06	0.22
		5200	4.65	4.72	98.52	0.06	0.22
		5240	4.64	4.72	98.31	0.07	0.22
11AX40SISO	Ant1	5190	4.63	4.71	98.30	0.07	0.22
		5230	4.63	4.70	98.51	0.07	0.22
11AX80SISO	Ant1	5210	4.43	4.50	98.44	0.07	0.23

Test Graphs

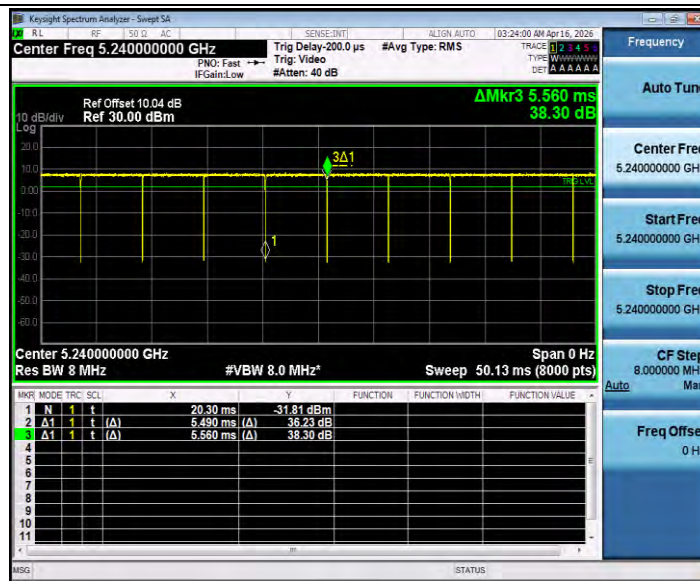
11A_Ant1_5180



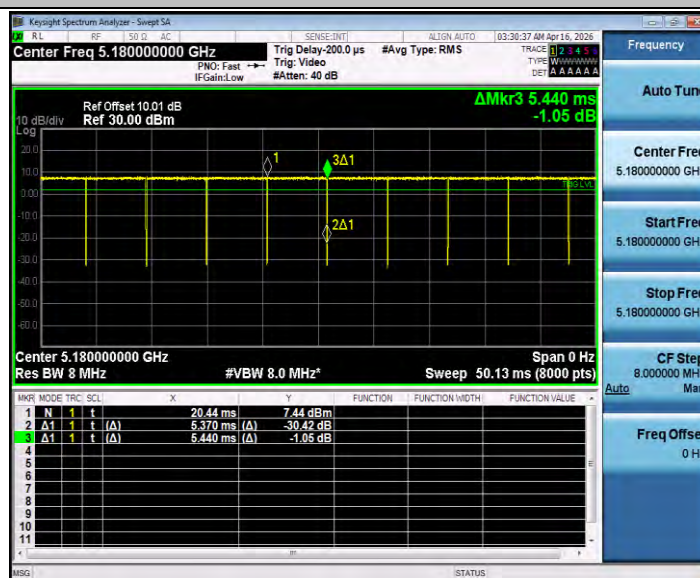
11A_Ant1_5200



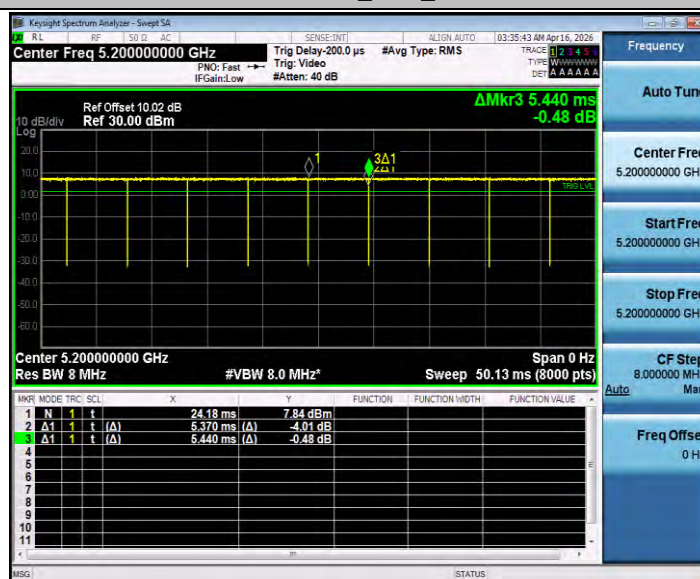
11A_Ant1_5240

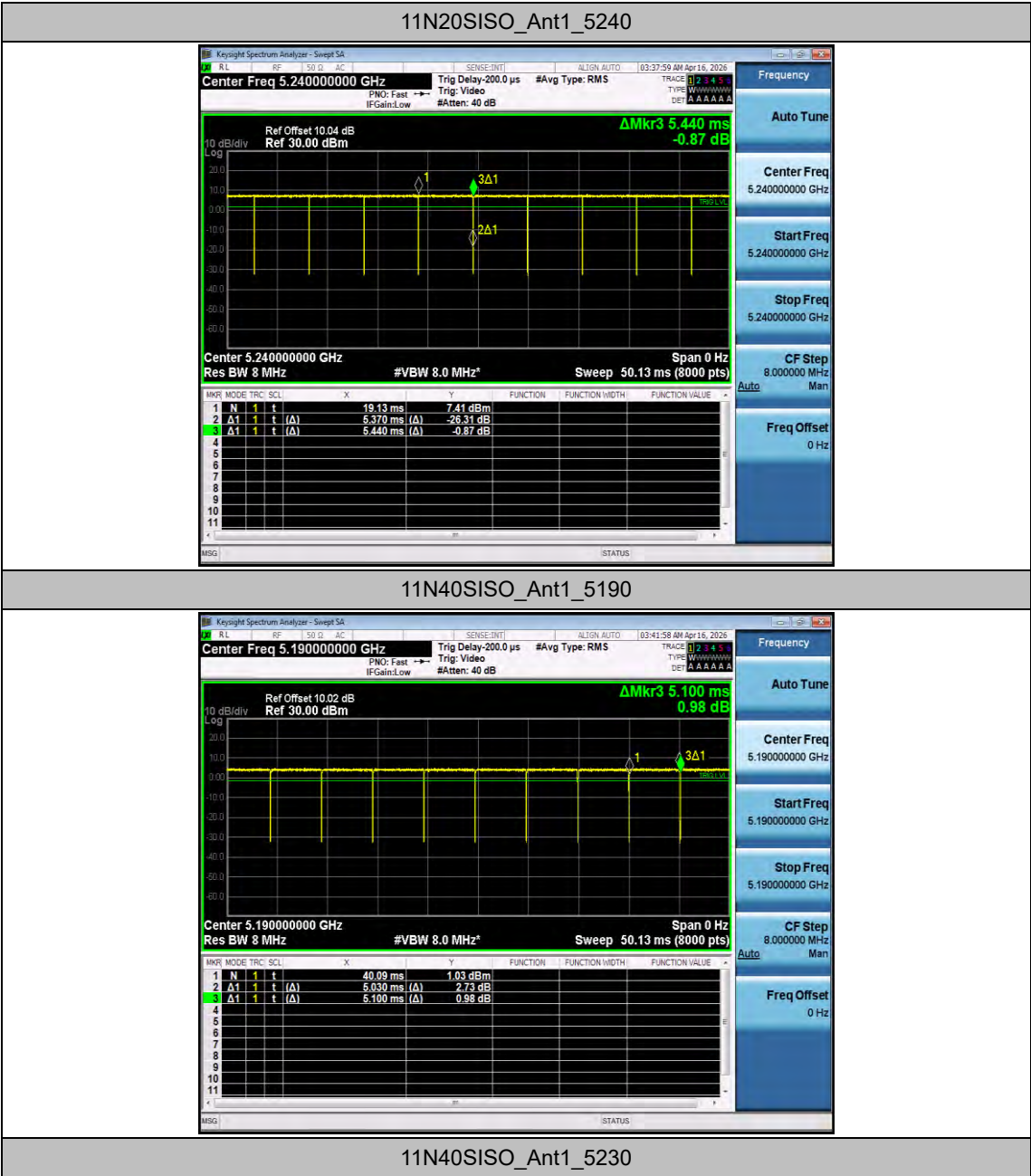


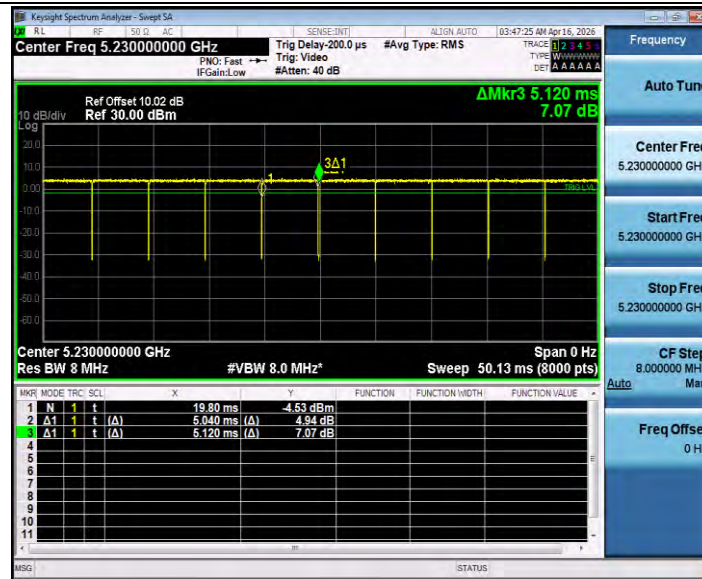
11N20SISO_Ant1_5180



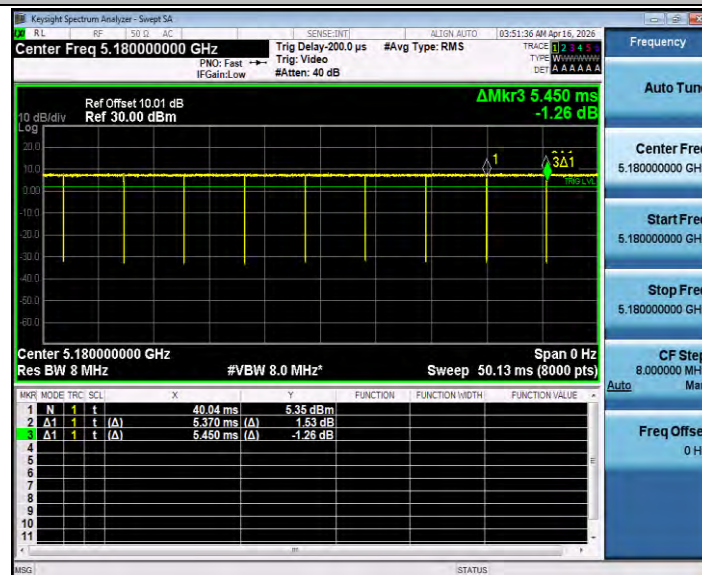
11N20SISO_Ant1_5200



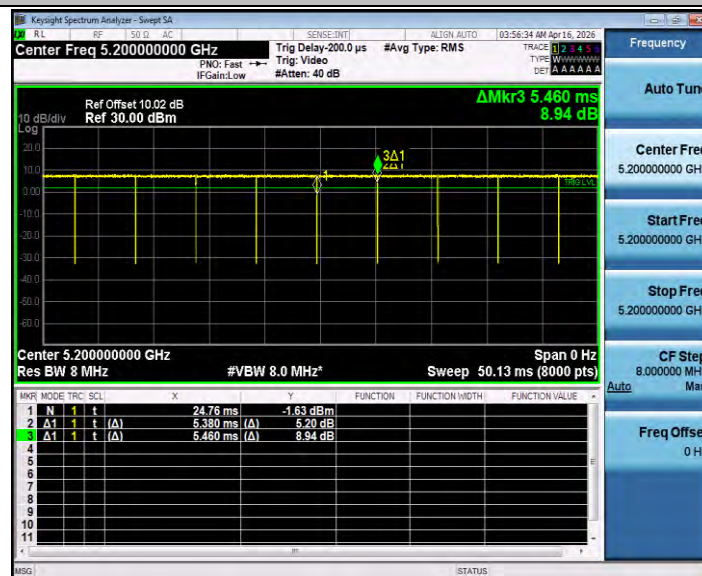




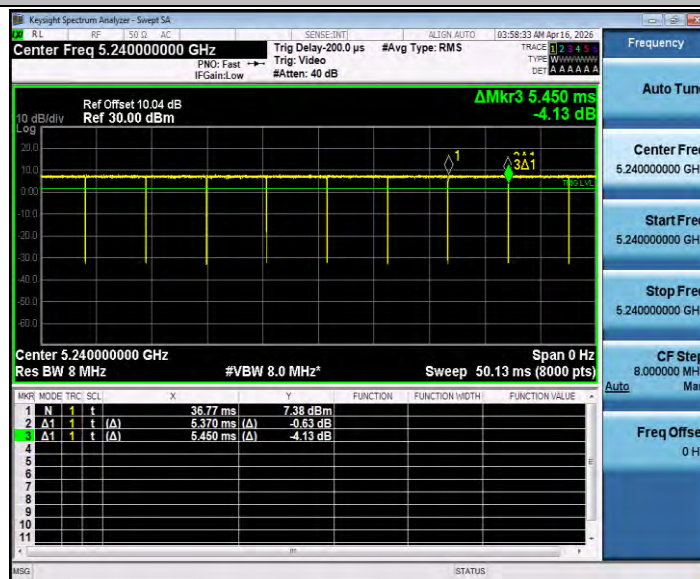
11AC20SISO_Ant1_5180



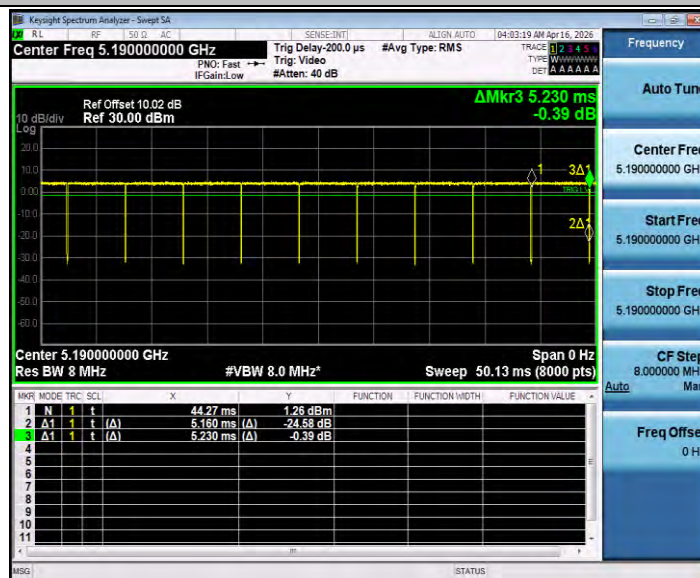
11AC20SISO_Ant1_5200



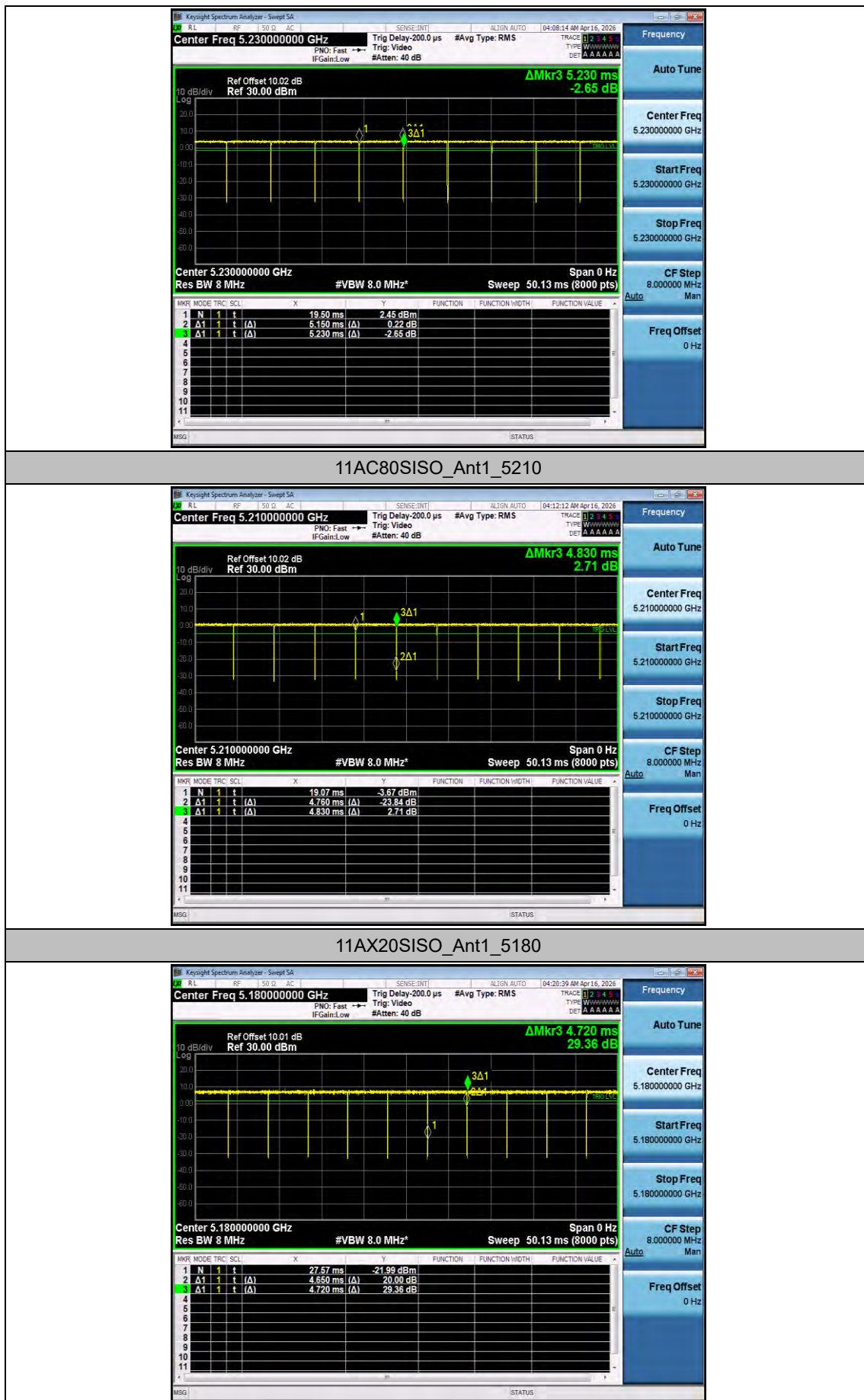
11AC20SISO_Ant1_5240



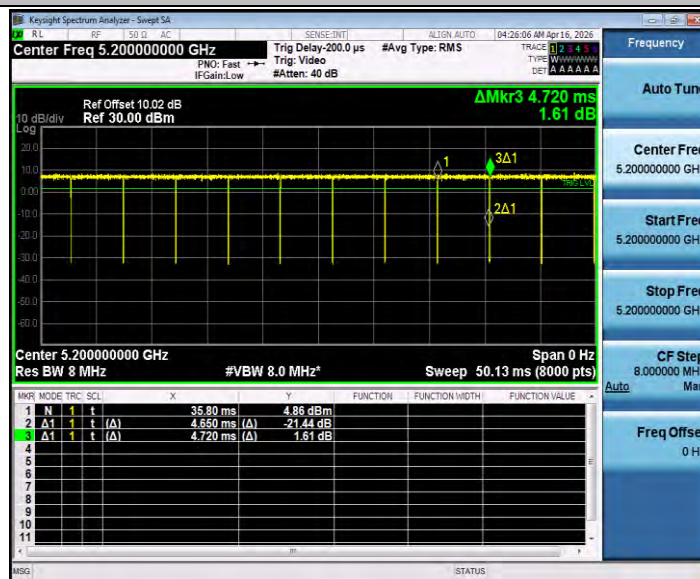
11AC40SISO_Ant1_5190



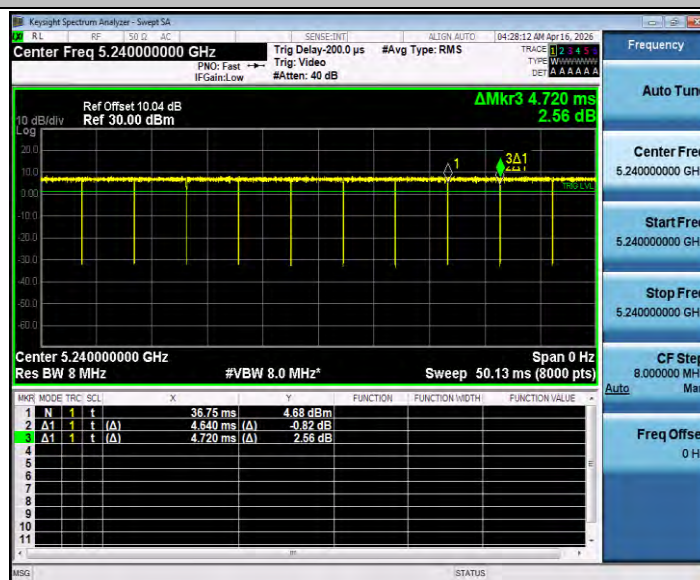
11AC40SISO_Ant1_5230



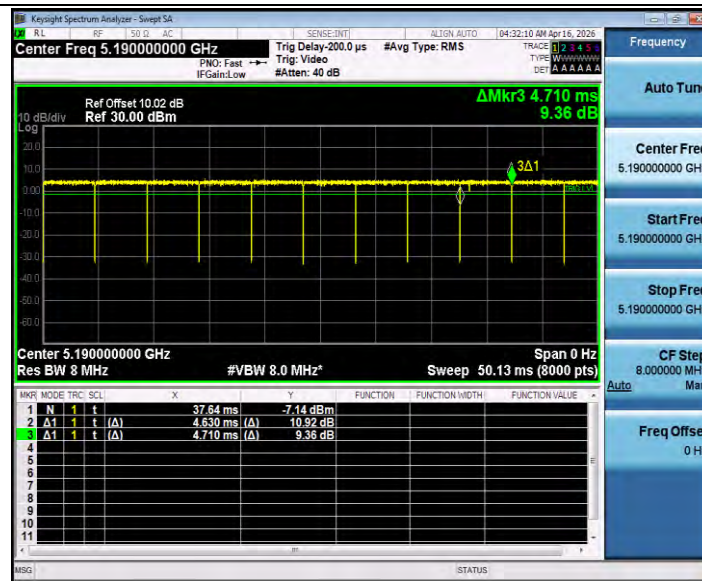
11AX20SISO_Ant1_5200



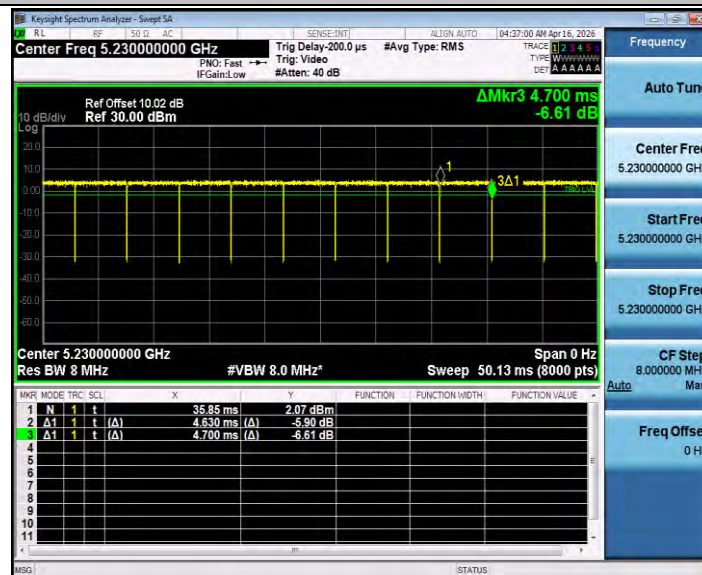
11AX20SISO_Ant1_5240



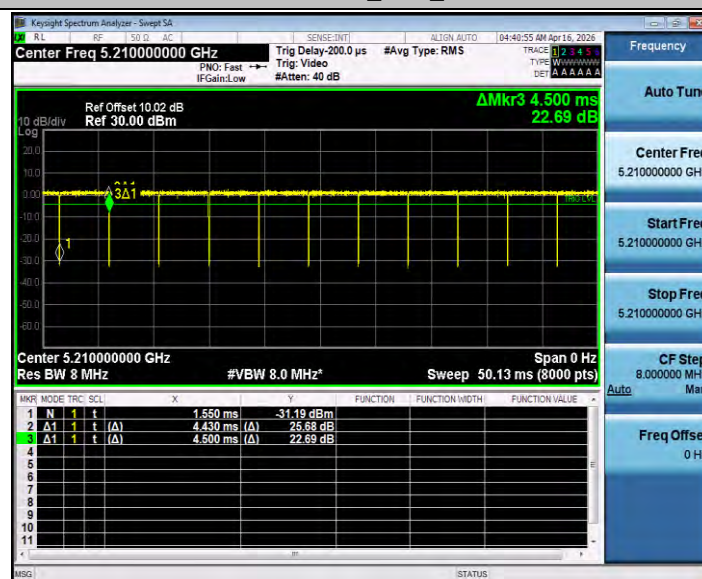
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



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	11.13	98.56	0.06	11.19	≤23.98	PASS
		5200	11.05	98.56	0.06	11.11	≤23.98	PASS
		5240	10.75	98.74	0.06	10.81	≤23.98	PASS
11N20SI SO	Ant1	5180	11.11	98.71	0.06	11.17	≤23.98	PASS
		5200	11.19	98.71	0.06	11.25	≤23.98	PASS
		5240	10.87	98.71	0.06	10.93	≤23.98	PASS
11N40SI SO	Ant1	5190	11.20	98.63	0.06	11.26	≤23.98	PASS
		5230	10.94	98.44	0.07	11.01	≤23.98	PASS
11AC20S ISO	Ant1	5180	11.21	98.53	0.06	11.27	≤23.98	PASS
		5200	11.16	98.53	0.06	11.22	≤23.98	PASS
		5240	10.85	98.53	0.06	10.91	≤23.98	PASS
11AC40S ISO	Ant1	5190	11.14	98.66	0.06	11.20	≤23.98	PASS
		5230	10.85	98.47	0.07	10.92	≤23.98	PASS
11AC80S ISO	Ant1	5210	10.77	98.55	0.06	10.83	≤23.98	PASS
11AX20SI SO	Ant1	5180	11.06	98.52	0.06	11.12	≤23.98	PASS
		5200	11.10	98.52	0.06	11.16	≤23.98	PASS
		5240	10.85	98.31	0.07	10.92	≤23.98	PASS
11AX40SI SO	Ant1	5190	11.11	98.30	0.07	11.18	≤23.98	PASS
		5230	10.75	98.51	0.07	10.82	≤23.98	PASS
11AX80SI SO	Ant1	5210	10.70	98.44	0.07	10.77	≤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	-0.47	≤11.00	PASS
		5200	-0.53	≤11.00	PASS
		5240	-0.79	≤11.00	PASS
11N20SISO	Ant1	5180	-0.79	≤11.00	PASS
		5200	-0.76	≤11.00	PASS
		5240	-0.99	≤11.00	PASS
11N40SISO	Ant1	5190	-3.39	≤11.00	PASS
		5230	-3.60	≤11.00	PASS
11AC20SISO	Ant1	5180	-0.75	≤11.00	PASS
		5200	-0.83	≤11.00	PASS
		5240	-1.06	≤11.00	PASS
11AC40SISO	Ant1	5190	-3.46	≤11.00	PASS
		5230	-3.70	≤11.00	PASS
11AC80SISO	Ant1	5210	-6.66	≤11.00	PASS
11AX20SISO	Ant1	5180	-1.30	≤11.00	PASS
		5200	-1.29	≤11.00	PASS
		5240	-1.53	≤11.00	PASS
11AX40SISO	Ant1	5190	-3.95	≤11.00	PASS
		5230	-4.21	≤11.00	PASS
11AX80SISO	Ant1	5210	-7.26	≤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

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



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

