

Case No. : <u>GTS20260316016-1-14</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.7.10-2026.7.28</u> Test Engineer: <u>Evan ouyang</u>

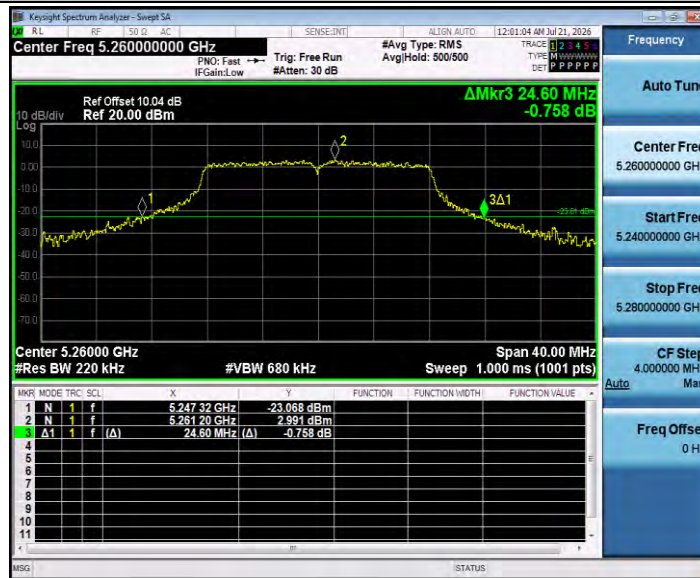
AppendixE.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	24.600	5247.320	5271.920	---	---
		5280	24.680	5266.920	5291.600	---	---
		5320	25.000	5306.760	5331.760	---	---
11N20SISO	Ant1	5260	25.400	5246.720	5272.120	---	---
		5280	25.960	5266.600	5292.560	---	---
		5320	24.880	5307.560	5332.440	---	---
11N40SISO	Ant1	5270	46.160	5246.720	5292.880	---	---
		5310	45.920	5287.120	5333.040	---	---
11AC20SISO	Ant1	5260	25.200	5246.960	5272.160	---	---
		5280	25.840	5267.280	5293.120	---	---
		5320	25.240	5307.280	5332.520	---	---
11AC40SISO	Ant1	5270	46.560	5246.640	5293.200	---	---
		5310	50.160	5286.480	5336.640	---	---
11AC80SISO	Ant1	5290	94.720	5239.120	5333.840	---	---
11AX20SISO	Ant1	5260	24.520	5247.520	5272.040	---	---
		5280	24.560	5267.400	5291.960	---	---
		5320	24.000	5308.160	5332.160	---	---
11AX40SISO	Ant1	5270	44.880	5247.040	5291.920	---	---
		5310	45.680	5287.520	5333.200	---	---
11AX80SISO	Ant1	5290	87.520	5245.360	5332.880	---	---

Test Graphs

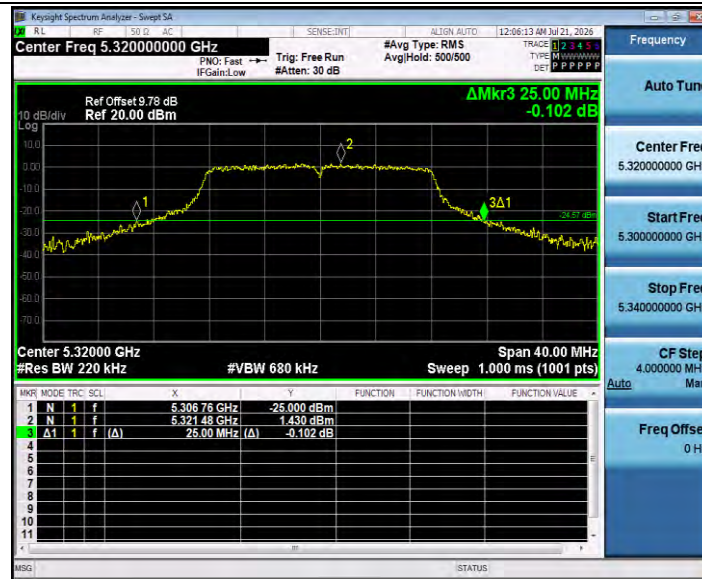
11A_Ant1_5260



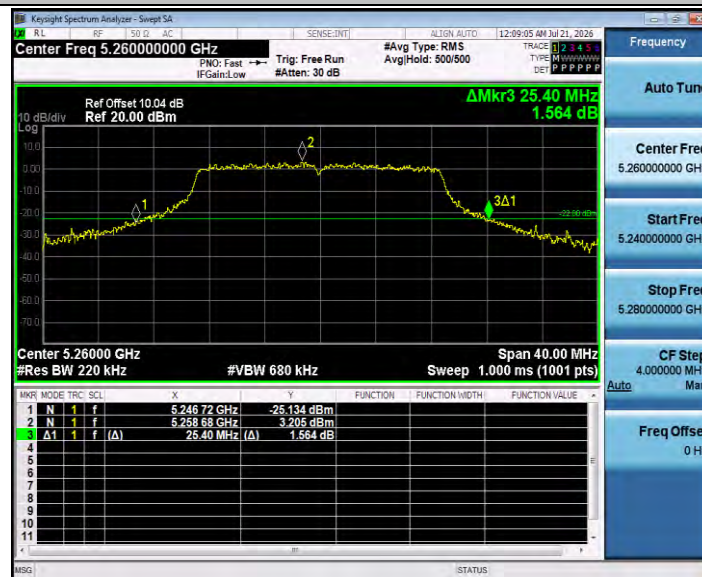
11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



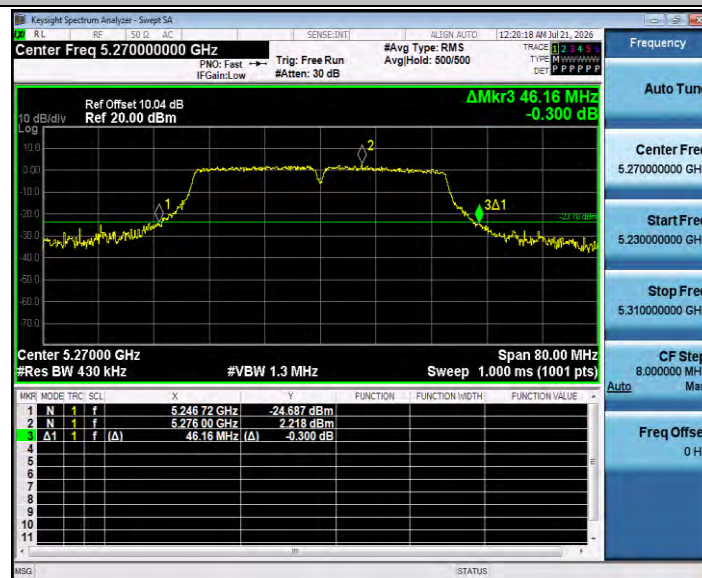
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



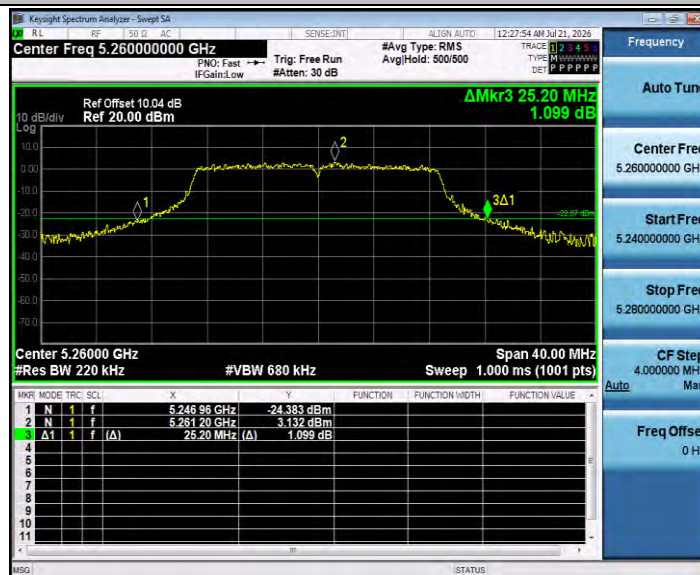
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



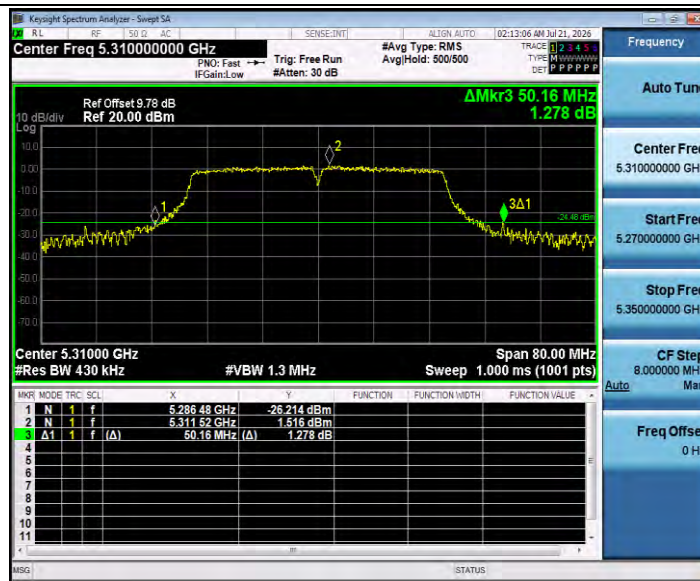
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290



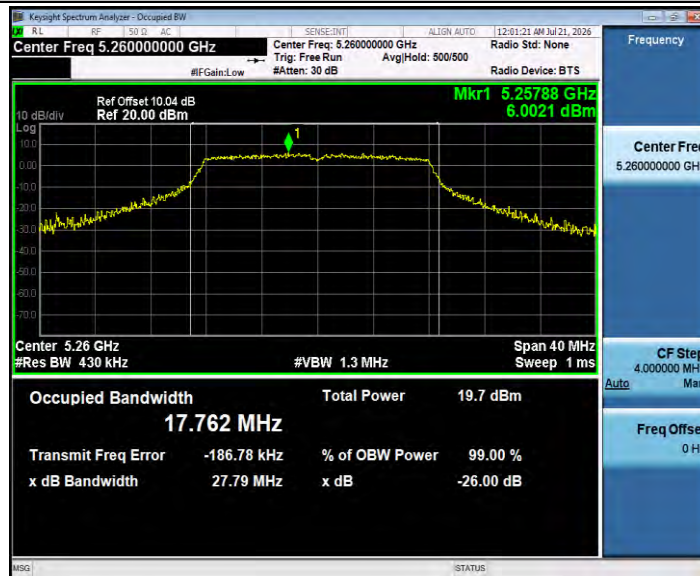
AppendixE.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.762	5250.9322	5268.6942	---	---
		5280	17.740	5270.9638	5288.7038	---	---
		5320	17.733	5311.0415	5328.7745	---	---
11N20SISO	Ant1	5260	18.742	5250.4842	5269.2262	---	---
		5280	18.804	5270.4694	5289.2734	---	---
		5320	18.740	5310.5663	5329.3063	---	---
11N40SISO	Ant1	5270	37.275	5251.1781	5288.4531	---	---
		5310	37.312	5291.2742	5328.5862	---	---
11AC20SISO	Ant1	5260	18.739	5250.5010	5269.2400	---	---
		5280	18.787	5270.4940	5289.2810	---	---
		5320	18.841	5310.5820	5329.4230	---	---
11AC40SISO	Ant1	5270	37.262	5251.2119	5288.4739	---	---
		5310	37.399	5291.2958	5328.6948	---	---
11AC80SISO	Ant1	5290	76.622	5251.5238	5328.1458	---	---
11AX20SISO	Ant1	5260	19.368	5250.2595	5269.6275	---	---
		5280	19.530	5270.1733	5289.7033	---	---
		5320	19.469	5310.2487	5329.7177	---	---
11AX40SISO	Ant1	5270	38.294	5250.7685	5289.0625	---	---
		5310	38.292	5290.7937	5329.0857	---	---
11AX80SISO	Ant1	5290	77.891	5250.9622	5328.8532	---	---

Test Graphs

11A_Ant1_5260



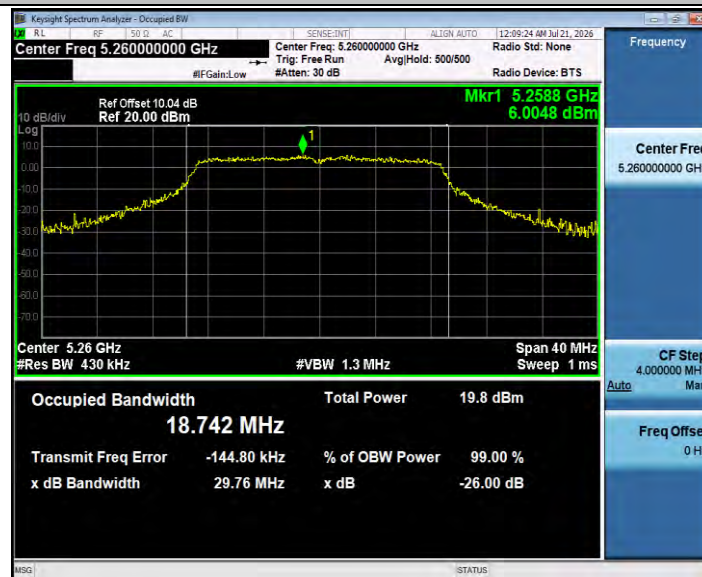
11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



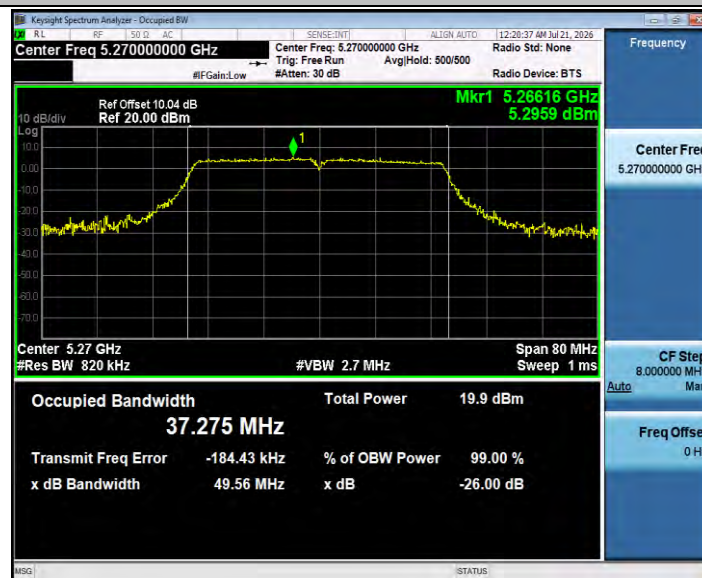
11N20SISO_Ant1_5280



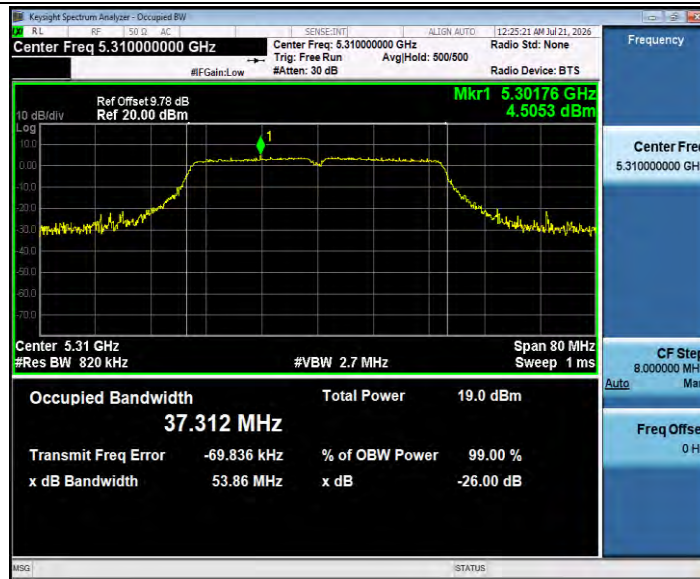
11N20SISO_Ant1_5320



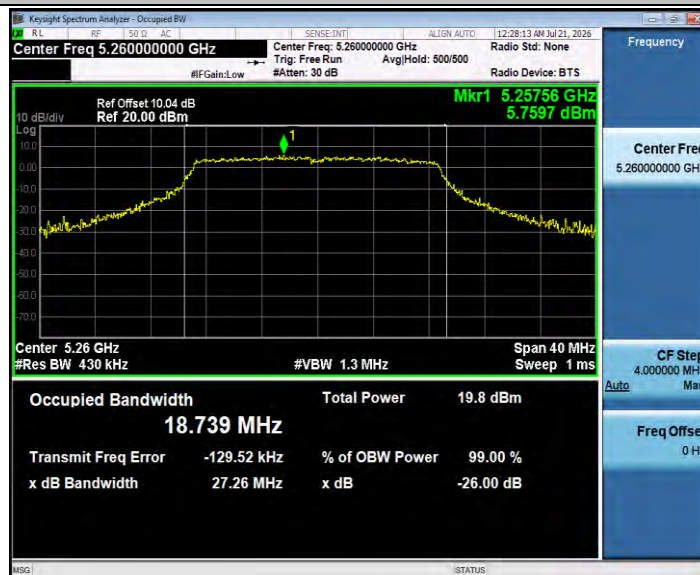
11N40SISO_Ant1_5270



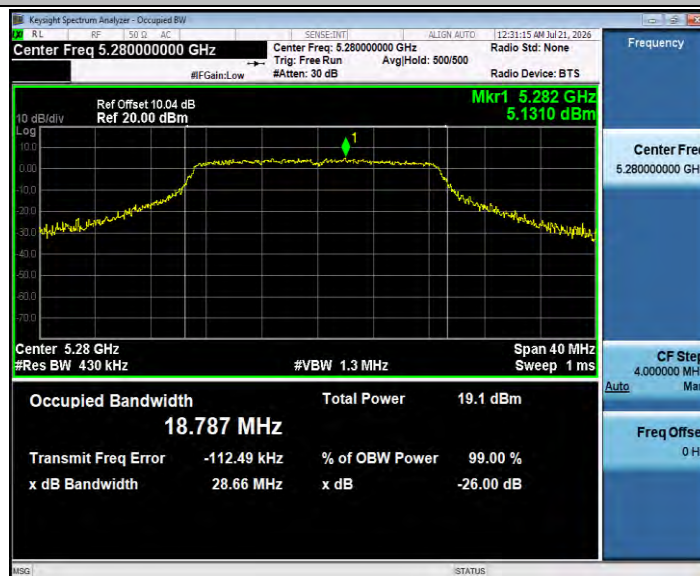
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



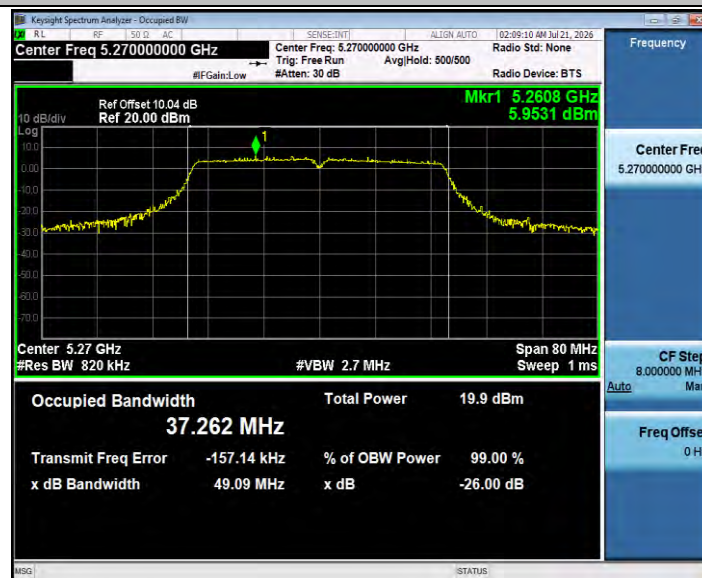
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



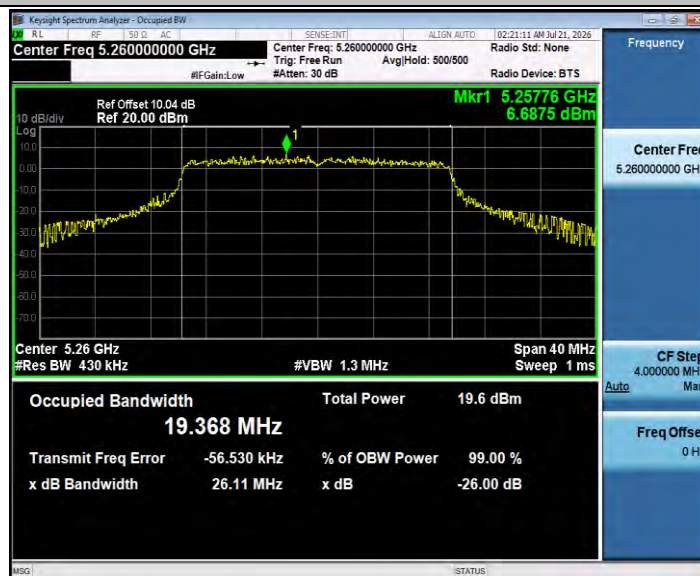
11AC40SISO_Ant1_5310



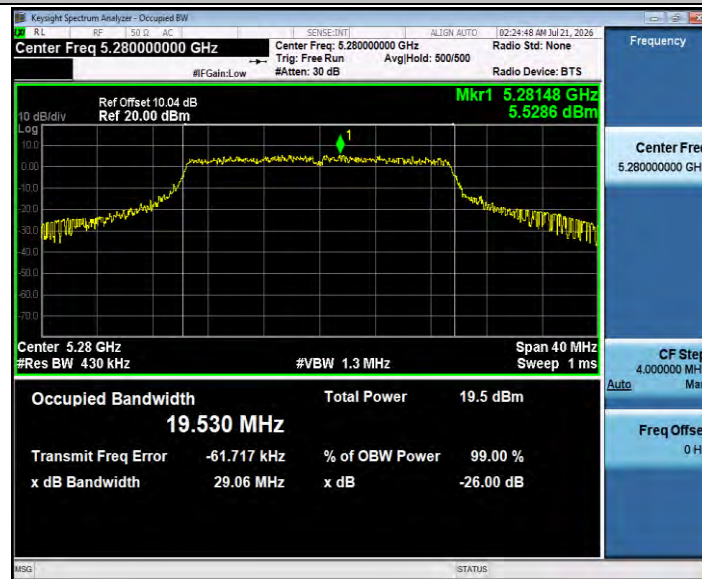
11AC80SISO_Ant1_5290



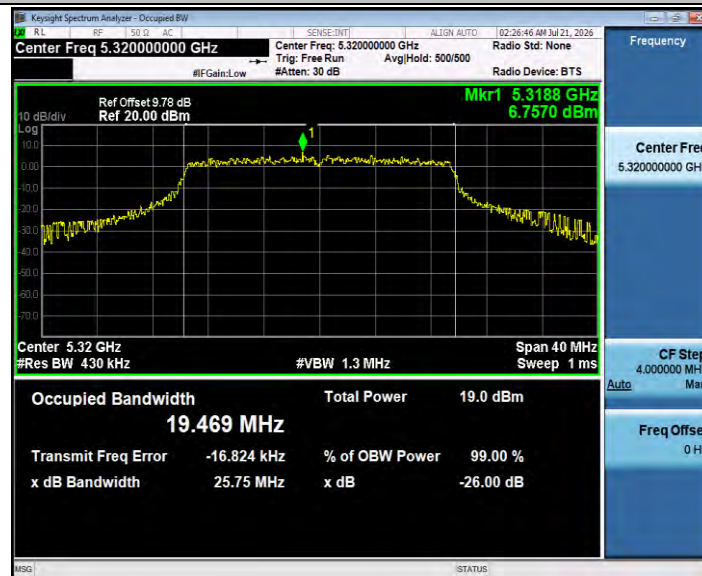
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



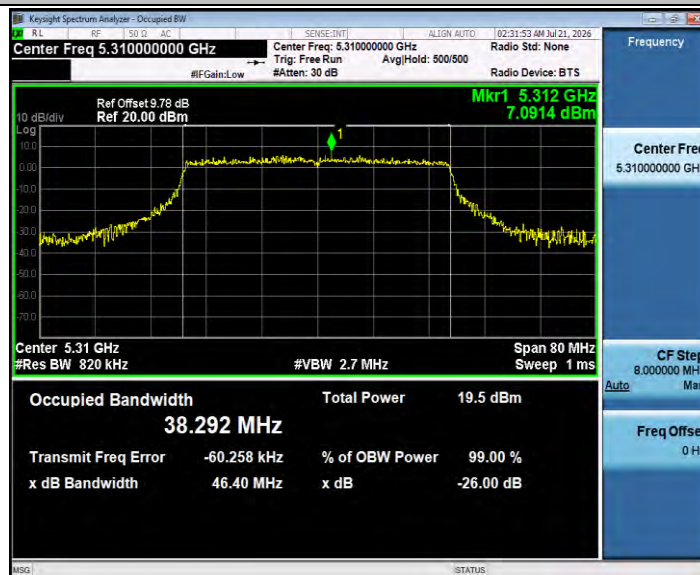
11AX20SISO_Ant1_5320



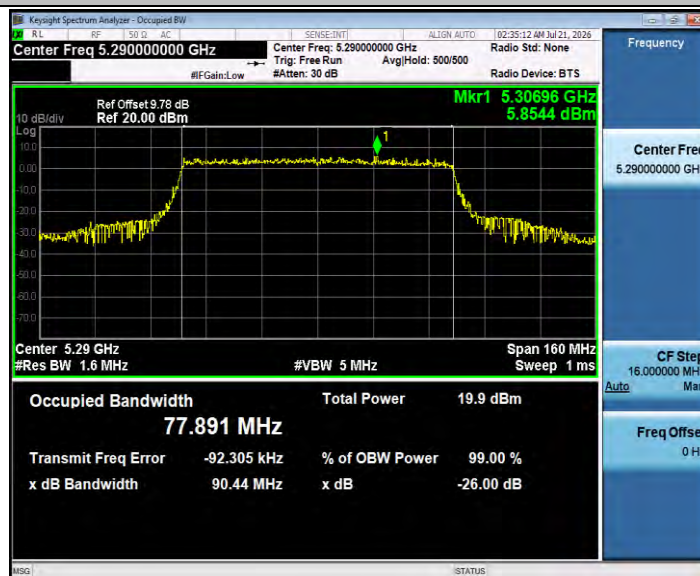
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



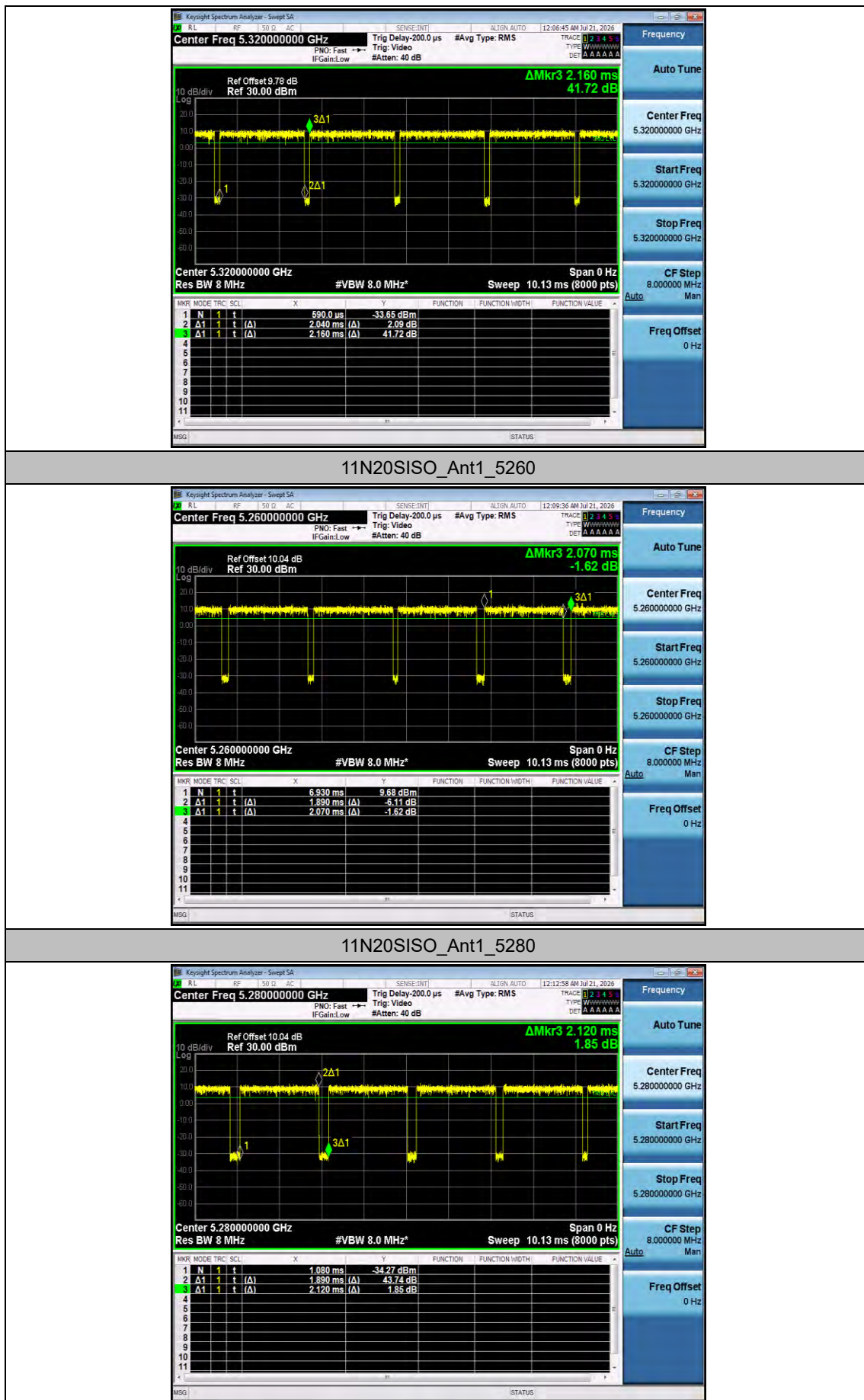
11AX80SISO_Ant1_5290



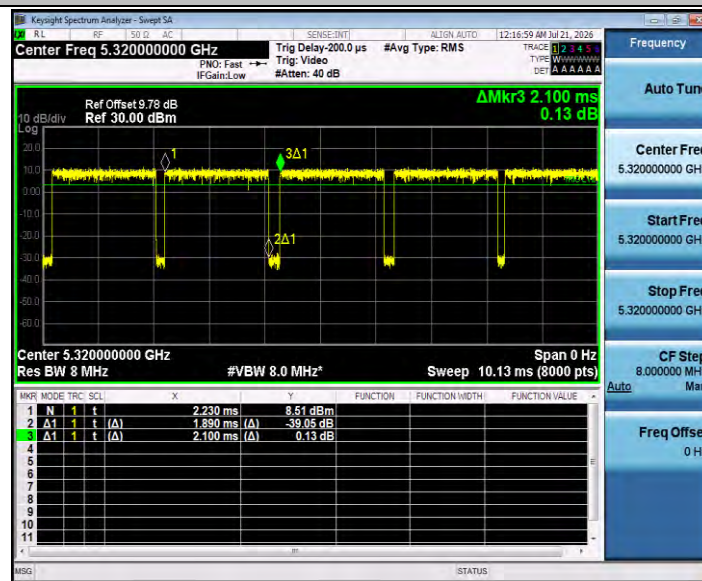
Appendix E.3: Duty Cycle

Test Result

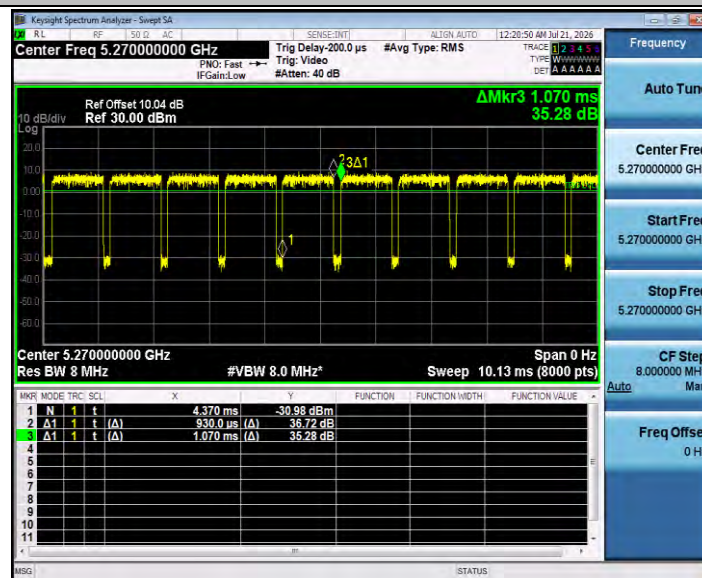
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	2.03	2.15	94.42	0.25	0.49
		5280	2.03	2.24	90.63	0.43	0.49
		5320	2.04	2.16	94.44	0.25	0.49
11N20SISO	Ant1	5260	1.89	2.07	91.30	0.40	0.53
		5280	1.89	2.12	89.15	0.50	0.53
		5320	1.89	2.10	90.00	0.46	0.53
11N40SISO	Ant1	5270	0.93	1.07	86.92	0.61	1.08
		5310	0.93	1.08	86.11	0.65	1.08
11AC20SISO	Ant1	5260	1.90	2.45	77.55	1.10	0.53
		5280	1.90	2.10	90.48	0.43	0.53
		5320	1.90	2.11	90.05	0.46	0.53
11AC40SISO	Ant1	5270	0.94	1.12	83.93	0.76	1.06
		5310	0.94	1.09	86.24	0.64	1.06
11AC80SISO	Ant1	5290	0.46	0.68	67.65	1.70	2.17
11AX20SISO	Ant1	5260	1.46	2.23	65.47	1.84	0.68
		5280	1.46	1.90	76.84	1.14	0.68
		5320	1.46	1.70	85.88	0.66	0.68
11AX40SISO	Ant1	5270	0.77	0.93	82.80	0.82	1.30
		5310	0.77	0.99	77.78	1.09	1.30
11AX80SISO	Ant1	5290	0.40	0.81	49.38	3.06	2.50



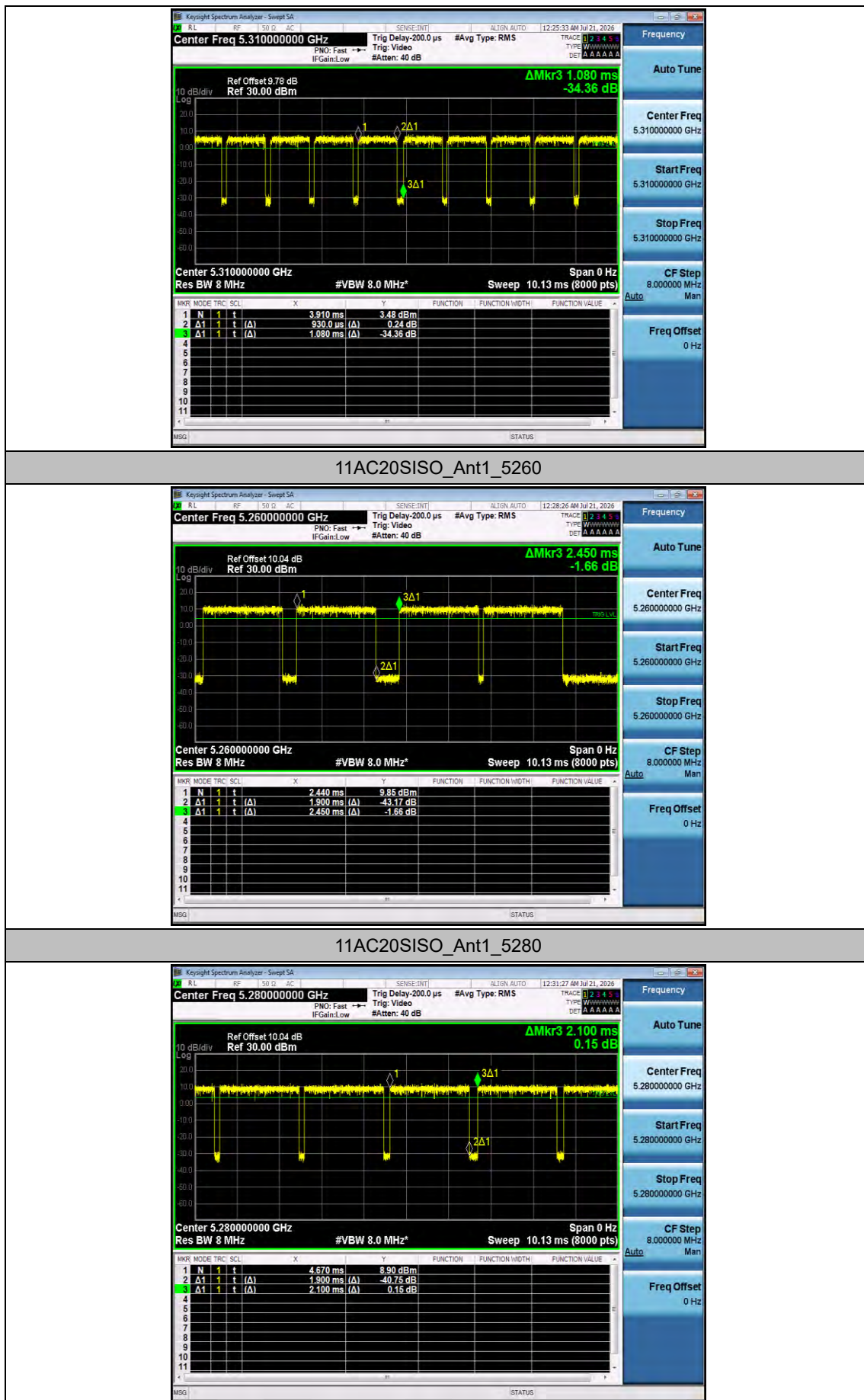
11N20SISO_Ant1_5320



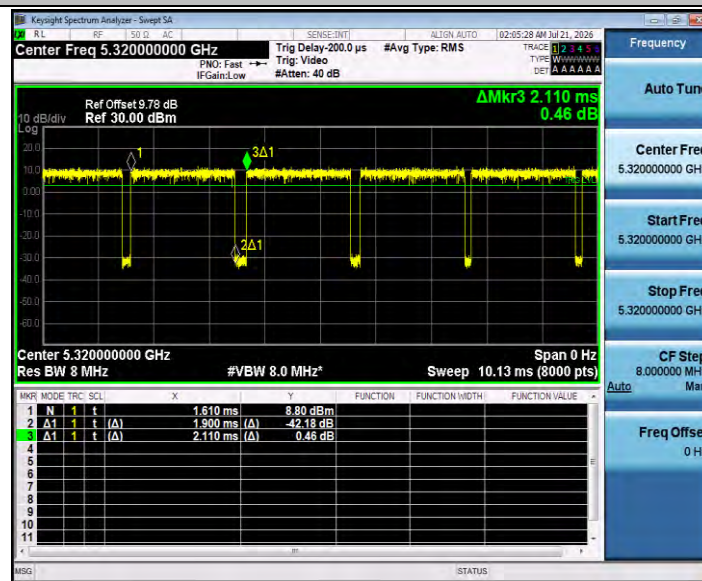
11N40SISO_Ant1_5270



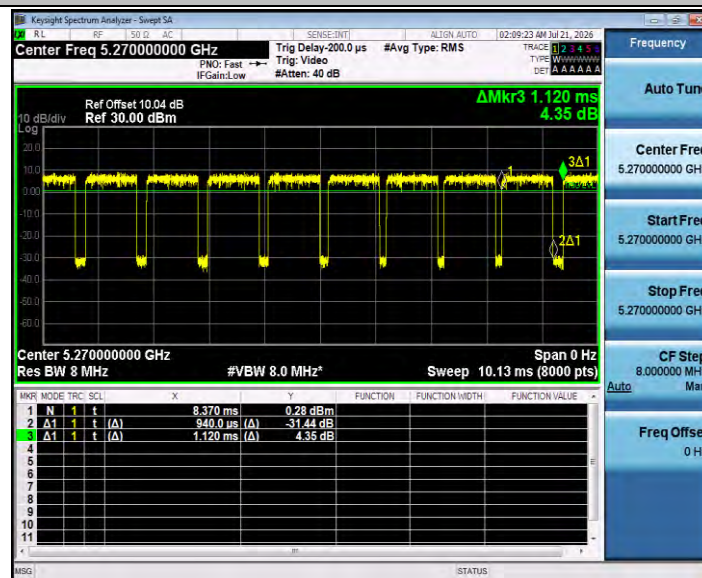
11N40SISO_Ant1_5310



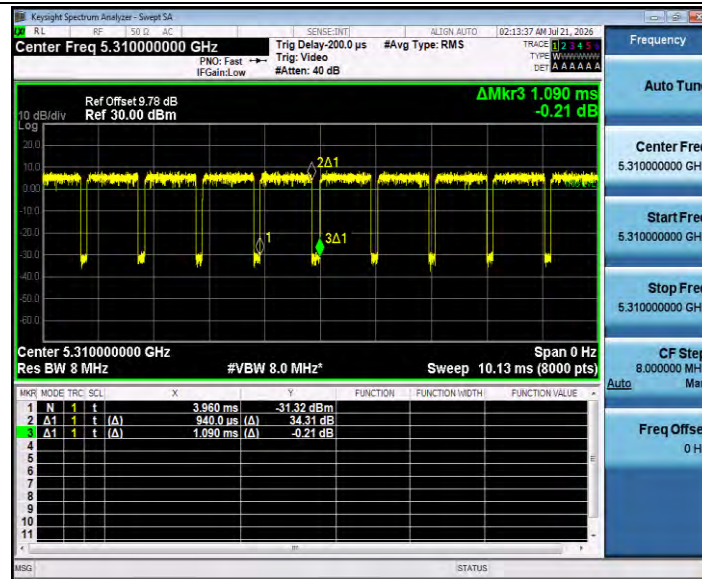
11AC20SISO_Ant1_5320



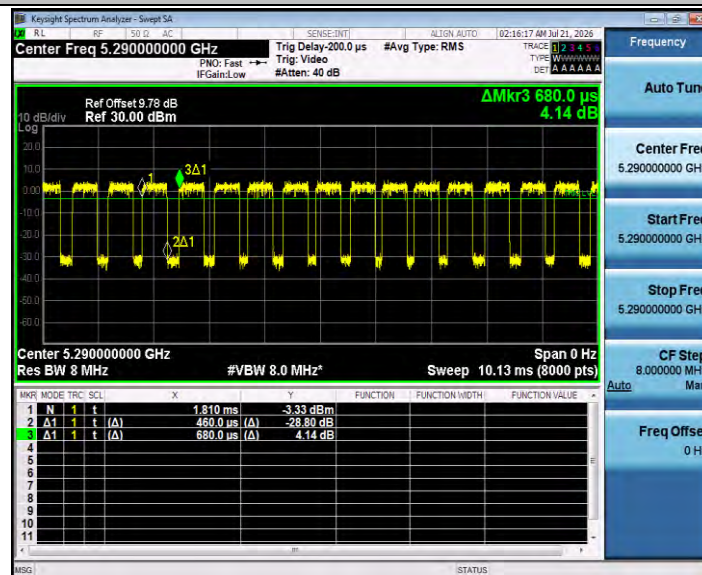
11AC40SISO_Ant1_5270



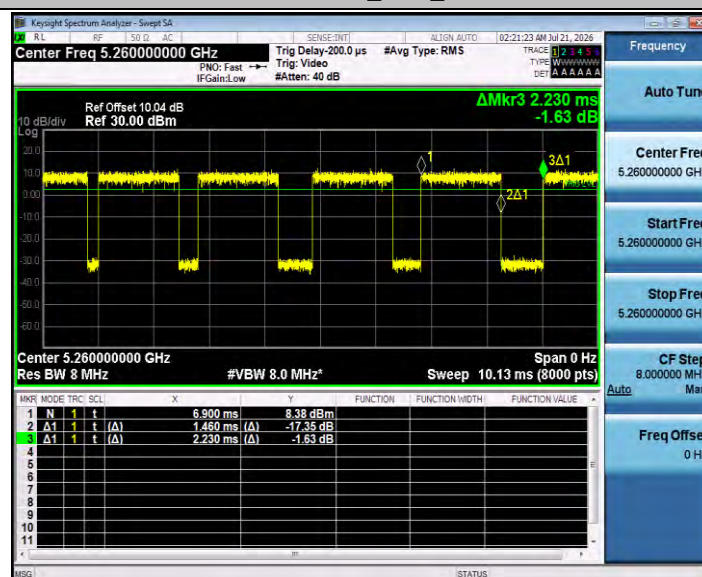
11AC40SISO_Ant1_5310



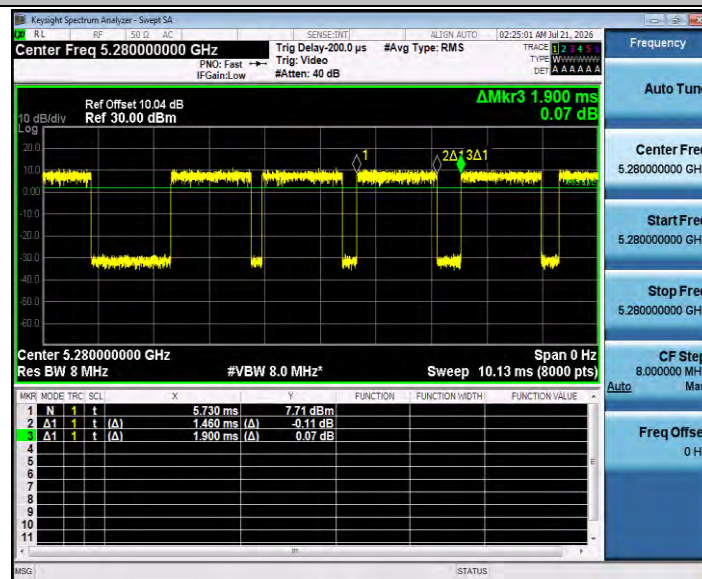
11AC80SISO_Ant1_5290



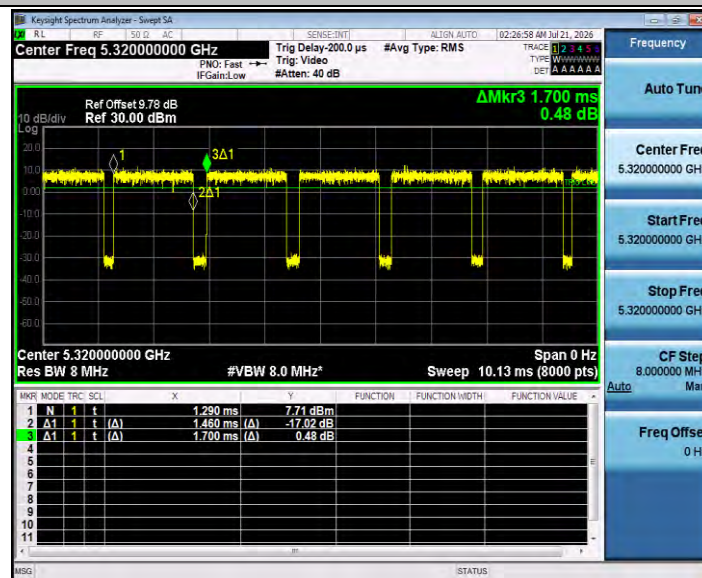
11AX20SISO_Ant1_5260



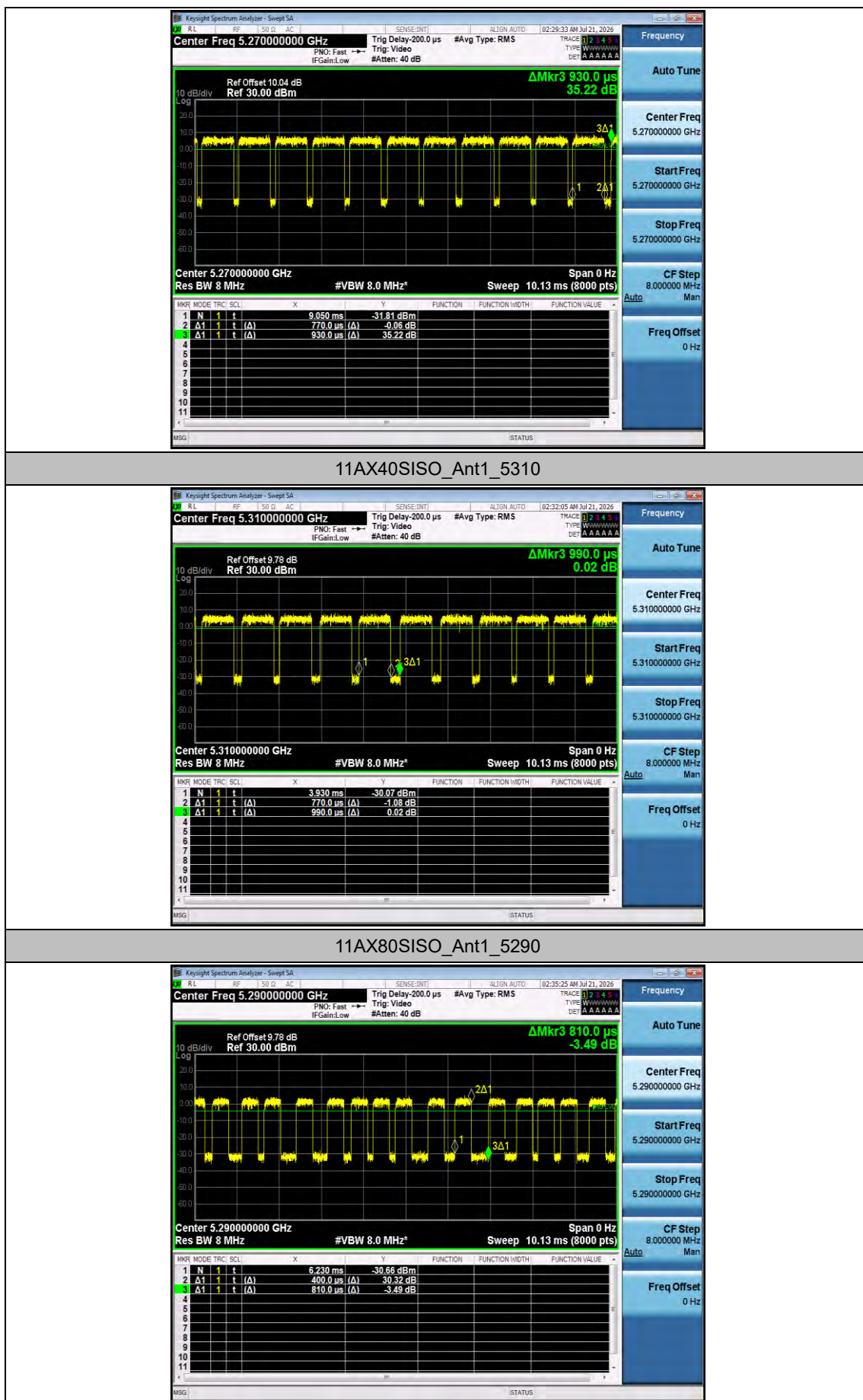
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



Appendix E.4: Maximum conducted output power

Test Result

DC 24V:

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	12.47	94.42	0.25	12.72	≤23.98	PASS
		5280	11.60	90.63	0.43	12.03	≤23.98	PASS
		5320	11.11	94.44	0.25	11.36	≤23.98	PASS
11N20SISO	Ant1	5260	12.50	91.30	0.40	12.90	≤23.98	PASS
		5280	11.85	89.15	0.50	12.35	≤23.98	PASS
		5320	11.40	90.00	0.46	11.86	≤23.98	PASS
11N40SISO	Ant1	5270	11.86	86.92	0.61	12.47	≤23.98	PASS
		5310	11.09	86.11	0.65	11.74	≤23.98	PASS
11AC20SISO	Ant1	5260	12.35	77.55	1.10	13.45	≤23.98	PASS
		5280	11.90	90.48	0.43	12.33	≤23.98	PASS
		5320	11.49	90.05	0.46	11.95	≤23.98	PASS
11AC40SISO	Ant1	5270	11.99	83.93	0.76	12.75	≤23.98	PASS
		5310	10.96	86.24	0.64	11.60	≤23.98	PASS
11AC80SISO	Ant1	5290	10.30	67.65	1.70	12.00	≤23.98	PASS
11AX20SISO	Ant1	5260	10.62	65.47	1.84	12.46	≤23.98	PASS
		5280	9.95	76.84	1.14	11.09	≤23.98	PASS
		5320	10.22	85.88	0.66	10.88	≤23.98	PASS
11AX40SISO	Ant1	5270	10.82	82.80	0.82	11.64	≤23.98	PASS
		5310	10.01	77.78	1.09	11.10	≤23.98	PASS
11AX80SISO	Ant1	5290	8.72	49.38	3.06	11.78	≤23.98	PASS

DC 55V(PoE++):

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	11.86	94.42	0.25	12.11	≤23.98	PASS
		5280	11.25	90.63	0.43	11.68	≤23.98	PASS
		5320	10.79	94.44	0.25	11.04	≤23.98	PASS
11N20SISO	Ant1	5260	12.05	91.30	0.40	12.45	≤23.98	PASS
		5280	11.57	89.15	0.50	12.07	≤23.98	PASS
		5320	11.12	90.00	0.46	11.58	≤23.98	PASS
11N40SISO	Ant1	5270	11.35	86.92	0.61	11.96	≤23.98	PASS
		5310	10.76	86.11	0.65	11.41	≤23.98	PASS
11AC20SISO	Ant1	5260	11.69	77.55	1.10	12.79	≤23.98	PASS
		5280	11.44	90.48	0.43	11.87	≤23.98	PASS
		5320	11.02	90.05	0.46	11.48	≤23.98	PASS
11AC40SISO	Ant1	5270	11.53	83.93	0.76	12.29	≤23.98	PASS
		5310	10.34	86.24	0.64	10.98	≤23.98	PASS
11AC80SISO	Ant1	5290	10.01	67.65	1.70	11.71	≤23.98	PASS
11AX20SISO	Ant1	5260	10.25	65.47	1.84	12.09	≤23.98	PASS
		5280	9.37	76.84	1.14	10.51	≤23.98	PASS
		5320	9.87	85.88	0.66	10.53	≤23.98	PASS
11AX40SISO	Ant1	5270	10.42	82.80	0.82	11.24	≤23.98	PASS
		5310	9.56	77.78	1.09	10.65	≤23.98	PASS
11AX80SISO	Ant1	5290	8.22	49.38	3.06	11.28	≤23.98	PASS

AppendixE.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	1.69	≤11.00	PASS
		5280	1.10	≤11.00	PASS
		5320	0.26	≤11.00	PASS
11N20SISO	Ant1	5260	1.89	≤11.00	PASS
		5280	1.08	≤11.00	PASS
		5320	0.60	≤11.00	PASS
11N40SISO	Ant1	5270	-1.72	≤11.00	PASS
		5310	-2.60	≤11.00	PASS
11AC20SISO	Ant1	5260	2.45	≤11.00	PASS
		5280	1.05	≤11.00	PASS
		5320	0.67	≤11.00	PASS
11AC40SISO	Ant1	5270	-1.37	≤11.00	PASS
		5310	-2.42	≤11.00	PASS
11AC80SISO	Ant1	5290	-4.96	≤11.00	PASS
11AX20SISO	Ant1	5260	1.43	≤11.00	PASS
		5280	0.09	≤11.00	PASS
		5320	-0.48	≤11.00	PASS
11AX40SISO	Ant1	5270	-2.81	≤11.00	PASS
		5310	-3.36	≤11.00	PASS
11AX80SISO	Ant1	5290	-5.09	≤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_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



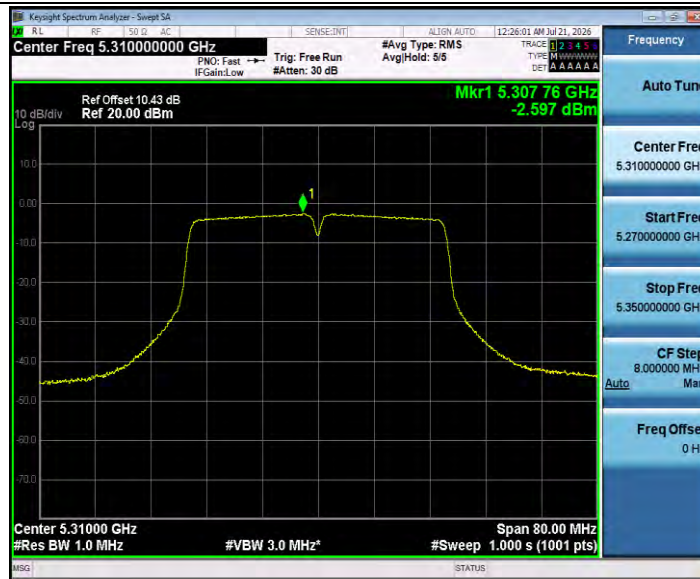
11N20SISO_Ant1_5320



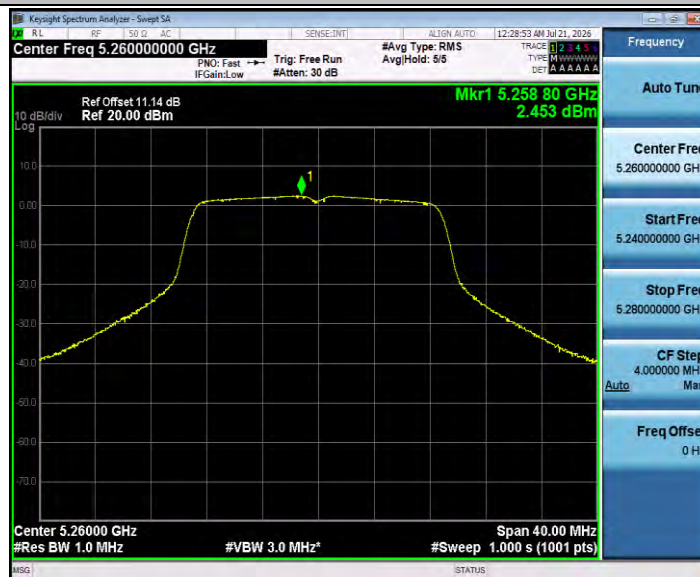
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



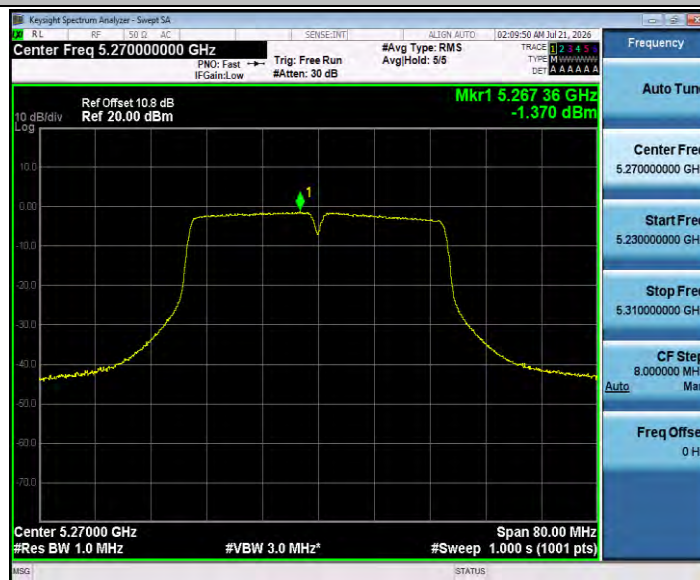
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



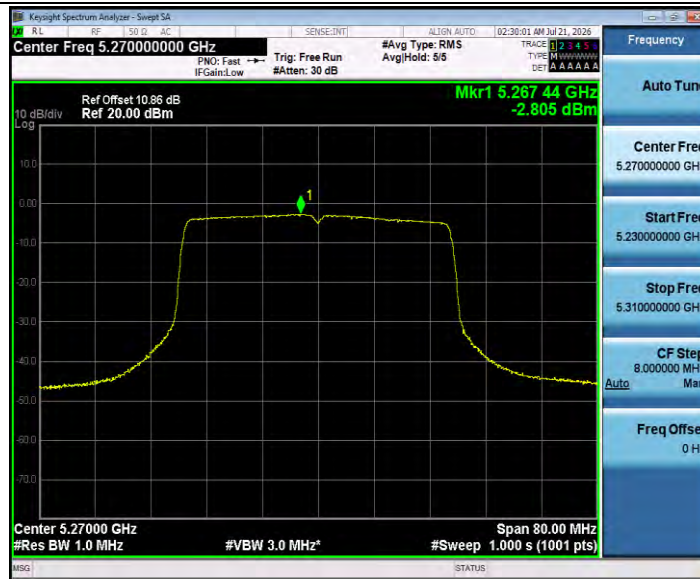
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

