

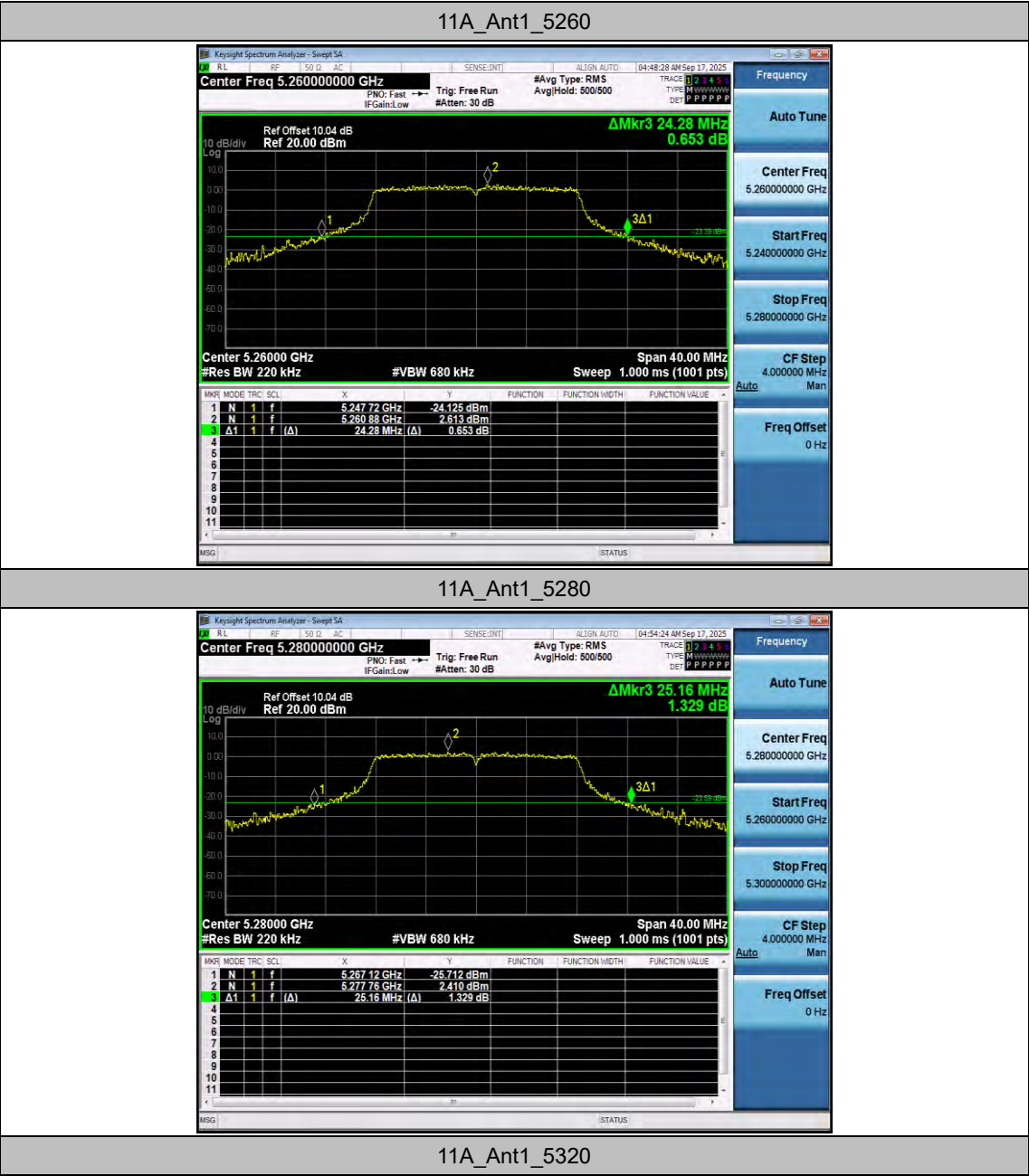
Case No. : <u>GTS20250825004-3-14</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.09.03-2025.09.26</u> Test Engineer: <u>Evan ouyang</u>

AppendixE.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	24.280	5247.720	5272.000	---	---
		5280	25.160	5267.120	5292.280	---	---
		5320	25.000	5307.320	5332.320	---	---
11N20SISO	Ant1	5260	25.920	5247.200	5273.120	---	---
		5280	29.520	5266.240	5295.760	---	---
		5320	26.720	5306.840	5333.560	---	---
11N40SISO	Ant1	5270	46.480	5246.400	5292.880	---	---
		5310	45.280	5287.280	5332.560	---	---
11AC20SISO	Ant1	5260	25.200	5247.360	5272.560	---	---
		5280	26.080	5266.360	5292.440	---	---
		5320	25.160	5307.760	5332.920	---	---
11AC40SISO	Ant1	5270	45.920	5246.560	5292.480	---	---
		5310	47.280	5286.480	5333.760	---	---
11AC80SISO	Ant1	5290	97.280	5236.720	5334.000	---	---
11AX20SISO	Ant1	5260	25.240	5247.440	5272.680	---	---
		5280	24.960	5266.880	5291.840	---	---
		5320	24.560	5307.760	5332.320	---	---
11AX40SISO	Ant1	5270	43.600	5247.920	5291.520	---	---
		5310	44.720	5288.080	5332.800	---	---
11AX80SISO	Ant1	5290	86.080	5246.640	5332.720	---	---

Test Graphs





11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



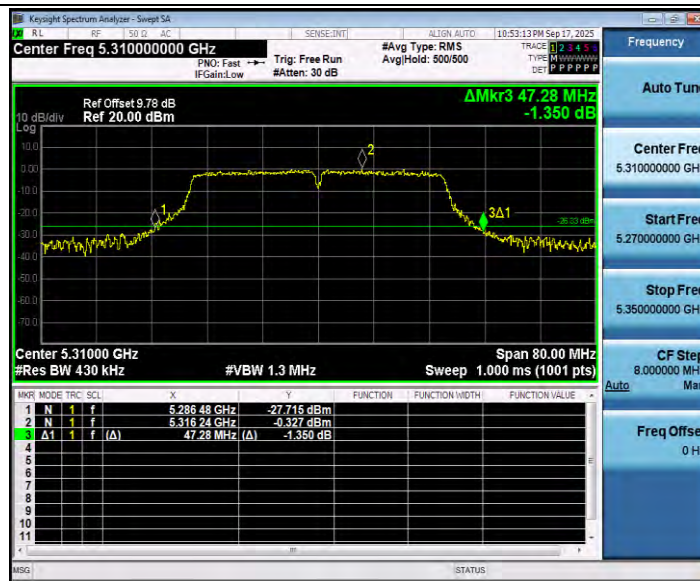
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



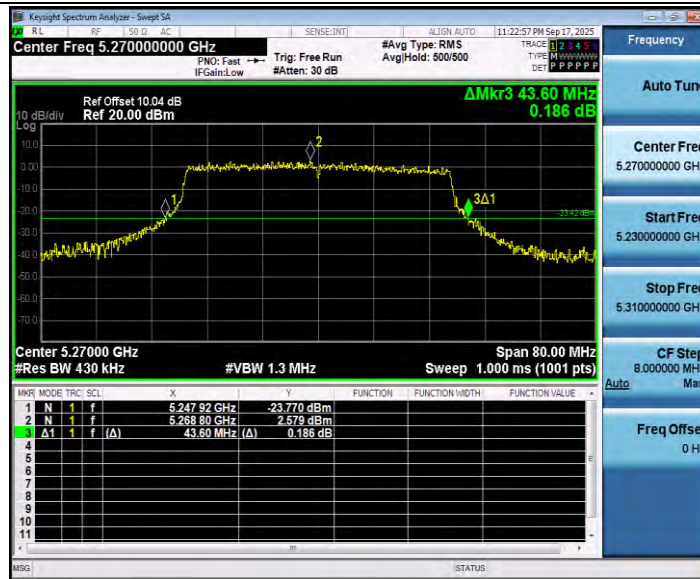
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

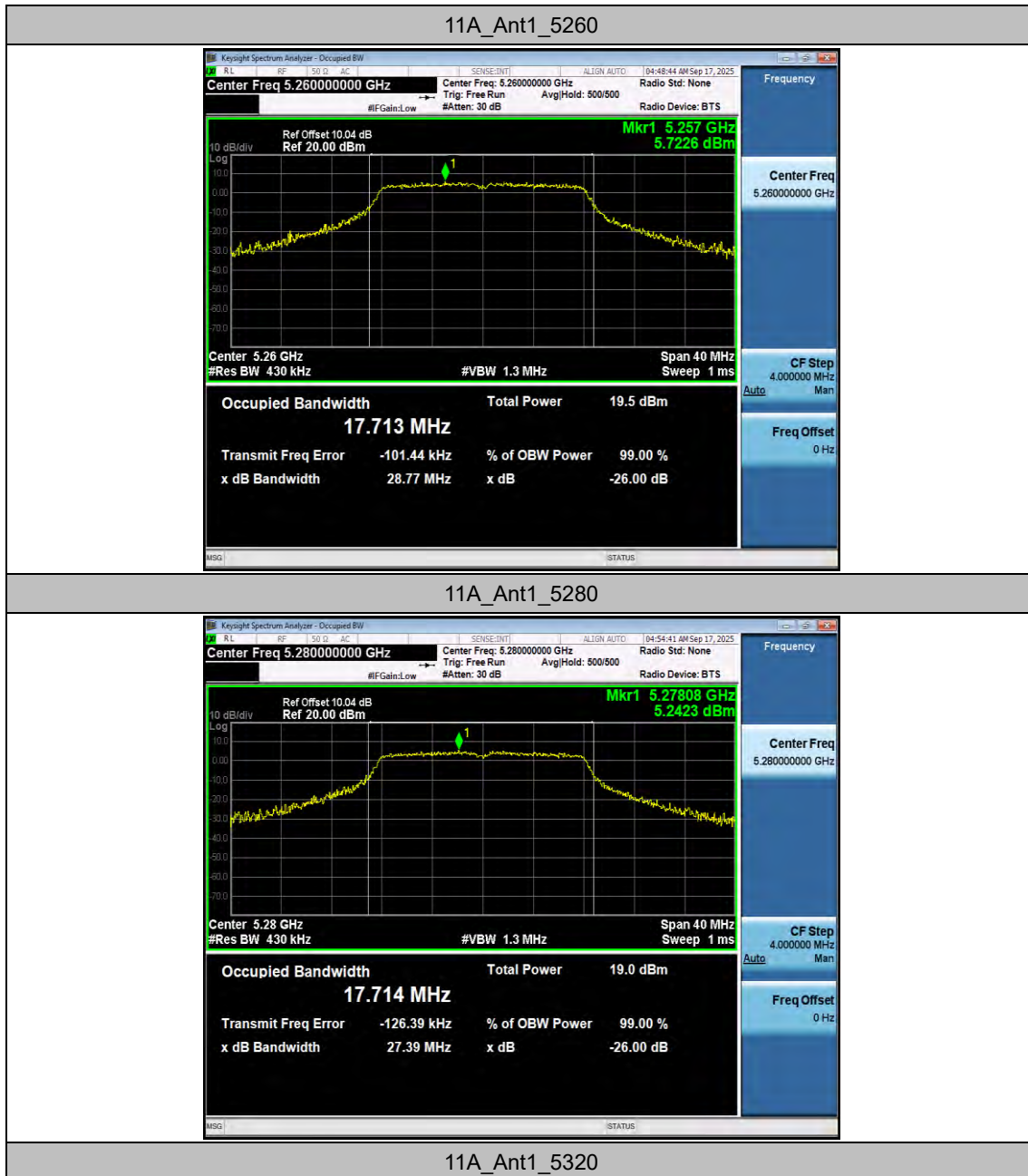


AppendixE.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.713	5251.0421	5268.7551	---	---
		5280	17.714	5271.0166	5288.7306	---	---
		5320	17.610	5311.1935	5328.8035	---	---
11N20SISO	Ant1	5260	18.727	5250.6145	5269.3415	---	---
		5280	18.884	5270.4740	5289.3580	---	---
		5320	18.856	5310.5883	5329.4443	---	---
11N40SISO	Ant1	5270	37.269	5251.3346	5288.6036	---	---
		5310	37.246	5291.4734	5328.7194	---	---
11AC20SISO	Ant1	5260	18.757	5250.6043	5269.3613	---	---
		5280	18.687	5270.6300	5289.3170	---	---
		5320	18.739	5310.6782	5329.4172	---	---
11AC40SISO	Ant1	5270	37.295	5251.2030	5288.4980	---	---
		5310	37.339	5291.2676	5328.6066	---	---
11AC80SISO	Ant1	5290	76.617	5251.5115	5328.1285	---	---
11AX20SISO	Ant1	5260	19.435	5250.2682	5269.7032	---	---
		5280	19.487	5270.2049	5289.6919	---	---
		5320	19.500	5310.2761	5329.7761	---	---
11AX40SISO	Ant1	5270	38.290	5250.7745	5289.0645	---	---
		5310	38.349	5290.7351	5329.0841	---	---
11AX80SISO	Ant1	5290	77.955	5250.8960	5328.8510	---	---

Test Graphs

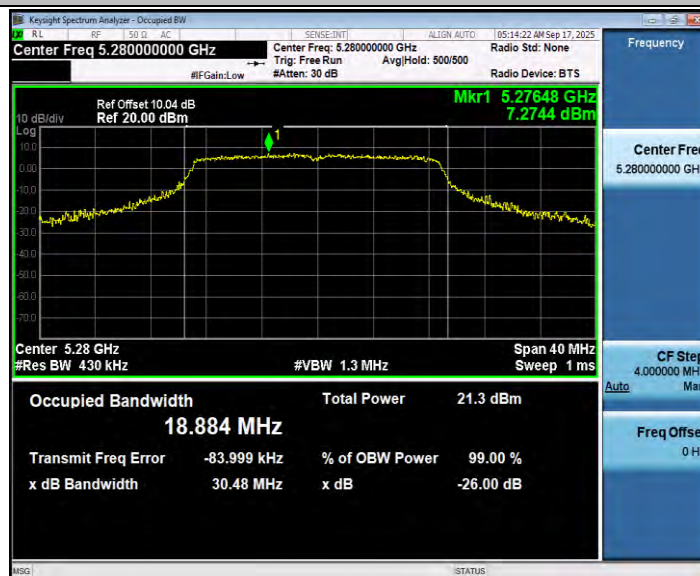




11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



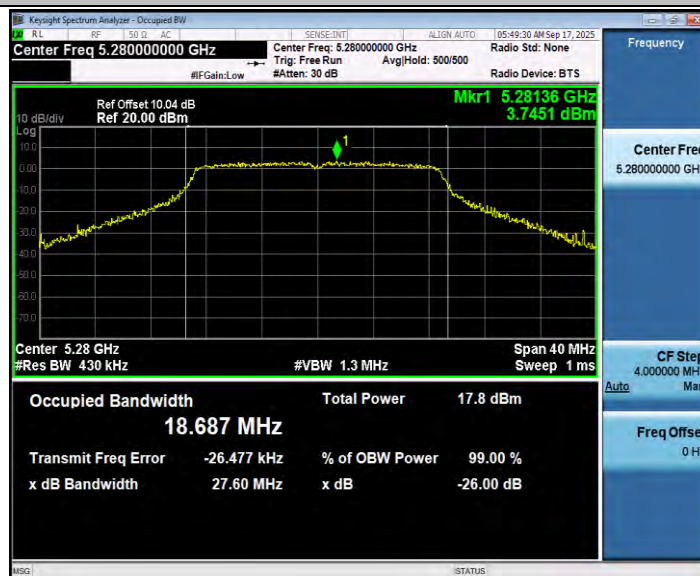
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



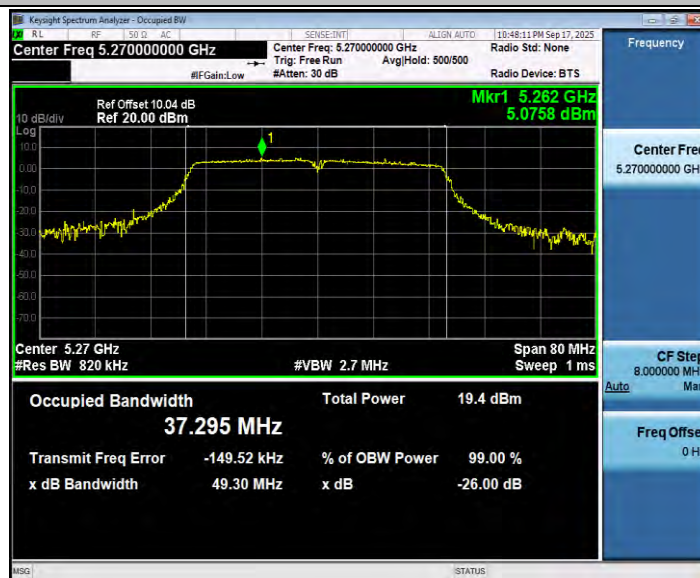
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



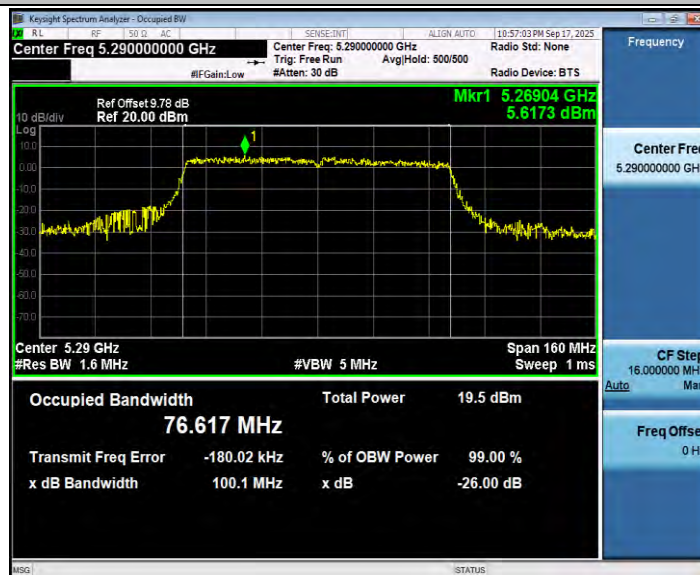
11AC40SISO_Ant1_5270



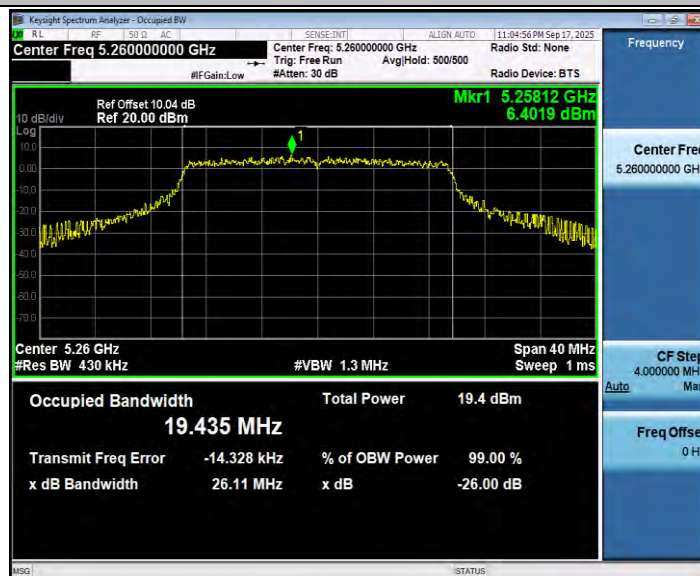
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



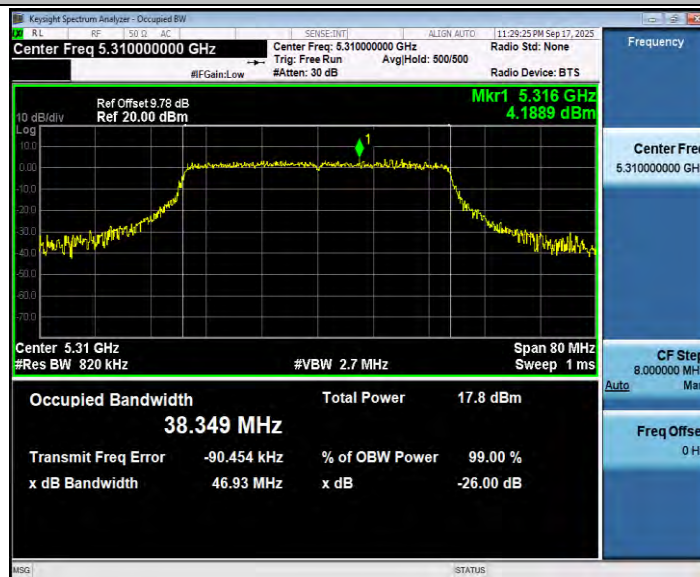
11AX20SISO_Ant1_5320



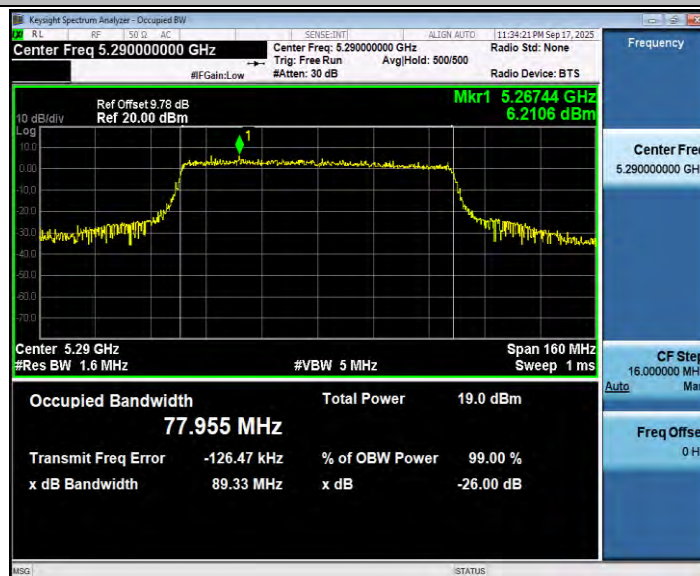
11AX40SISO_Ant1_5270



11AX40ISO_Ant1_5310



11AX80ISO_Ant1_5290

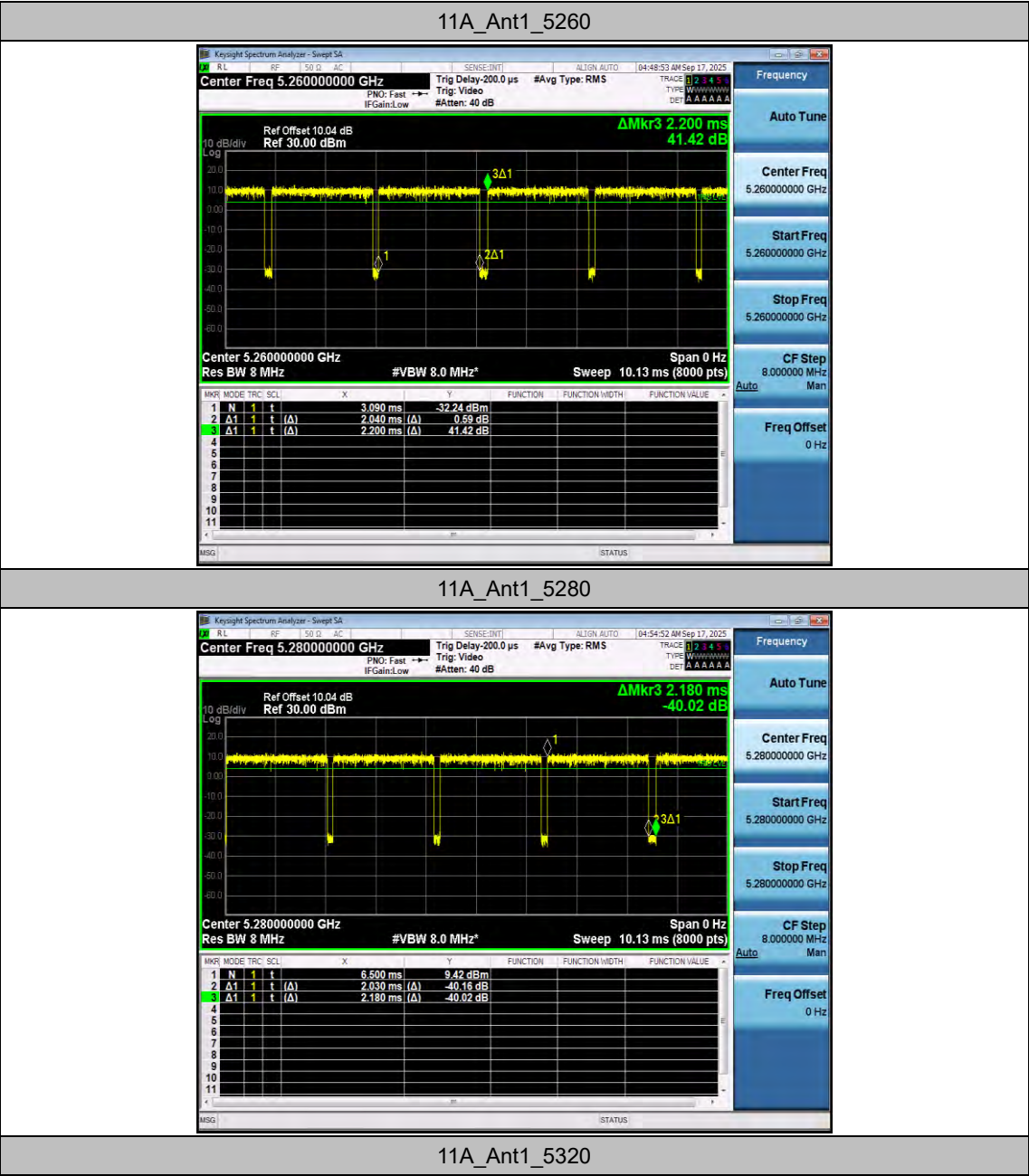


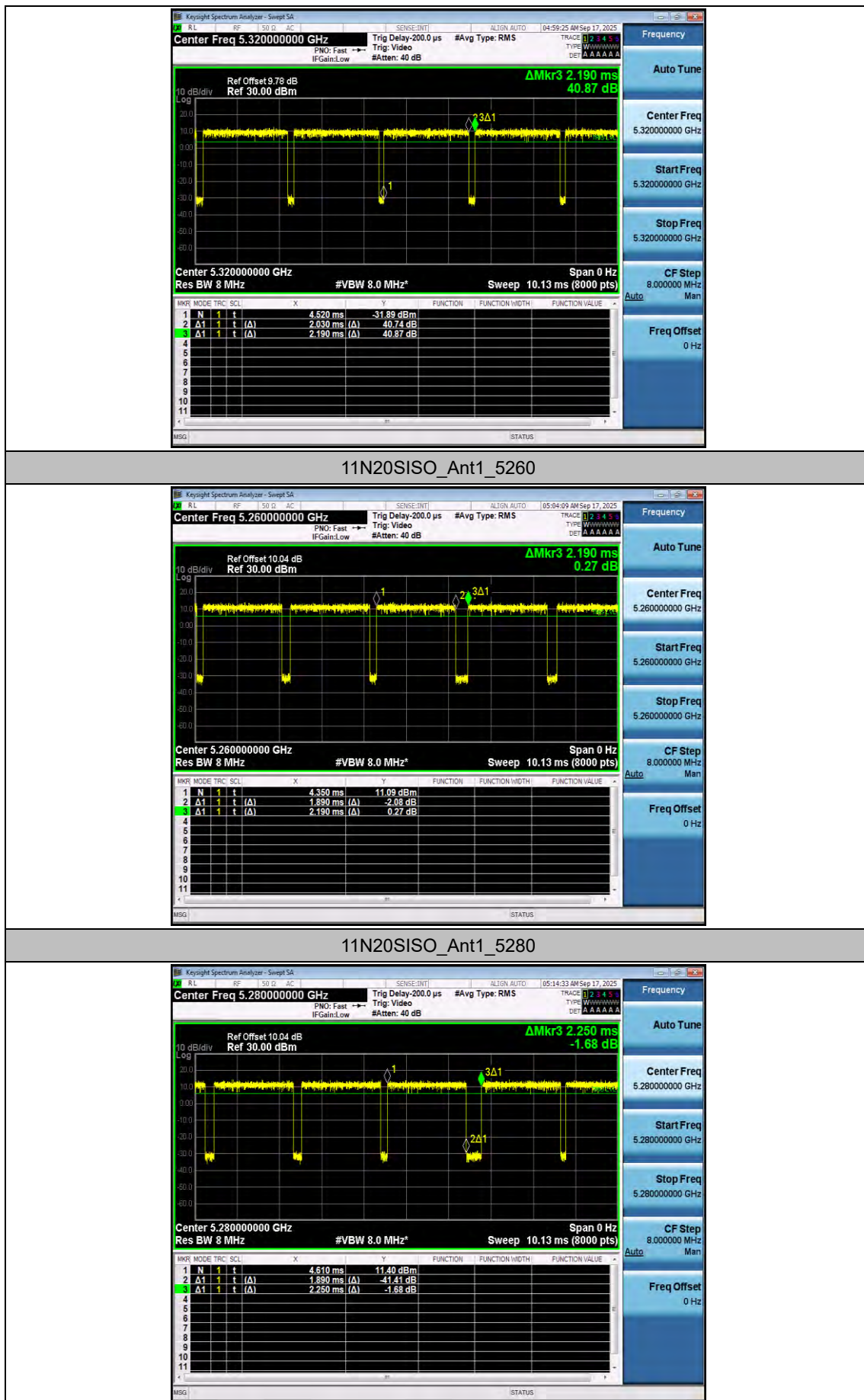
Appendix E.3: Duty Cycle

Test Result

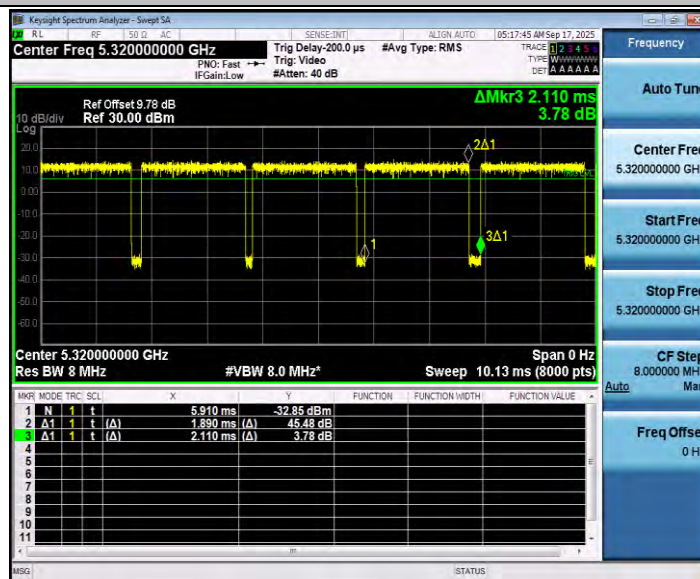
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	2.04	2.20	92.73	0.33	0.49
		5280	2.03	2.18	93.12	0.31	0.49
		5320	2.03	2.19	92.69	0.33	0.49
11N20SISO	Ant1	5260	1.89	2.19	86.30	0.64	0.53
		5280	1.89	2.25	84.00	0.76	0.53
		5320	1.89	2.11	89.57	0.48	0.53
11N40SISO	Ant1	5270	0.93	1.11	83.78	0.77	1.08
		5310	0.93	1.17	79.49	1.00	1.08
11AC20SISO	Ant1	5260	1.90	2.01	94.53	0.24	0.53
		5280	1.90	2.02	94.06	0.27	0.53
		5320	1.90	2.10	90.48	0.43	0.53
11AC40SISO	Ant1	5270	0.93	1.16	80.17	0.96	1.08
		5310	0.93	1.16	80.17	0.96	1.08
11AC80SISO	Ant1	5290	1.37	7.24	18.92	7.23	0.73
11AX20SISO	Ant1	5260	1.46	1.68	86.90	0.61	0.68
		5280	1.46	1.70	85.88	0.66	0.68
		5320	1.46	1.64	89.02	0.51	0.68
11AX40SISO	Ant1	5270	0.77	1.00	77.00	1.14	1.30
		5310	0.76	0.97	78.35	1.06	1.32
11AX80SISO	Ant1	5290	0.39	0.63	61.90	2.08	2.56

Test Graphs

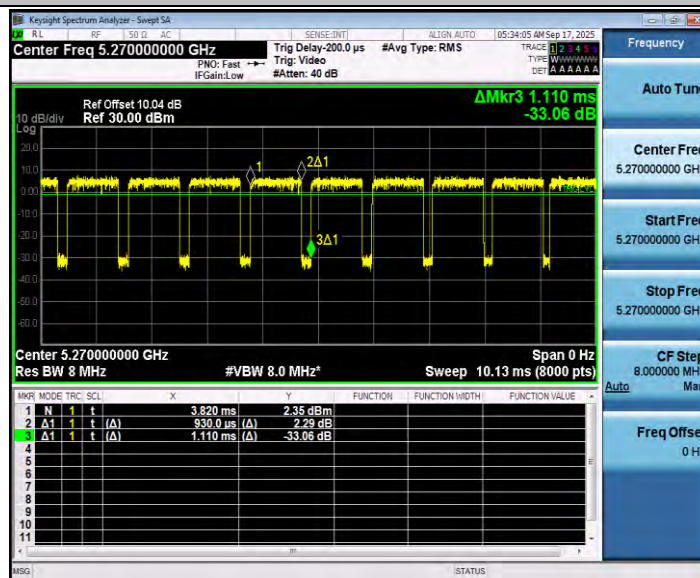




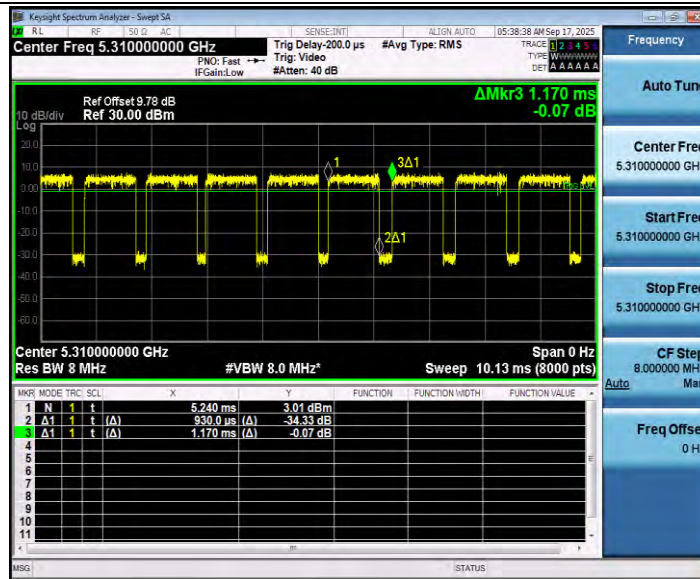
11N20SISO_Ant1_5320



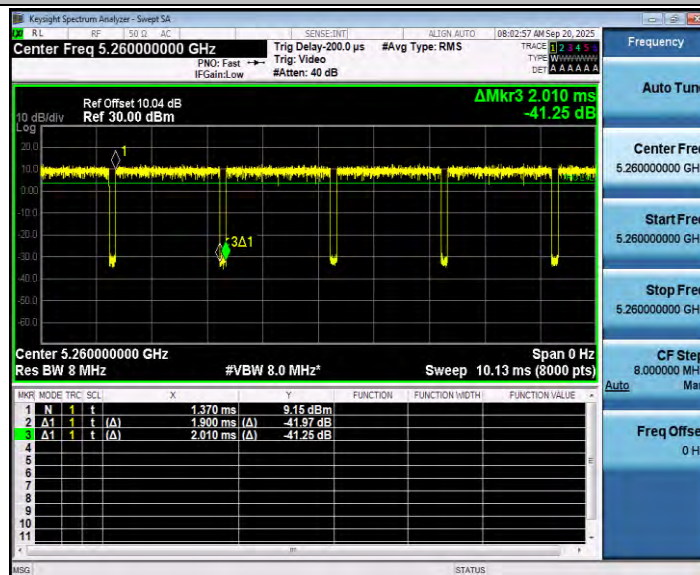
11N40SISO_Ant1_5270



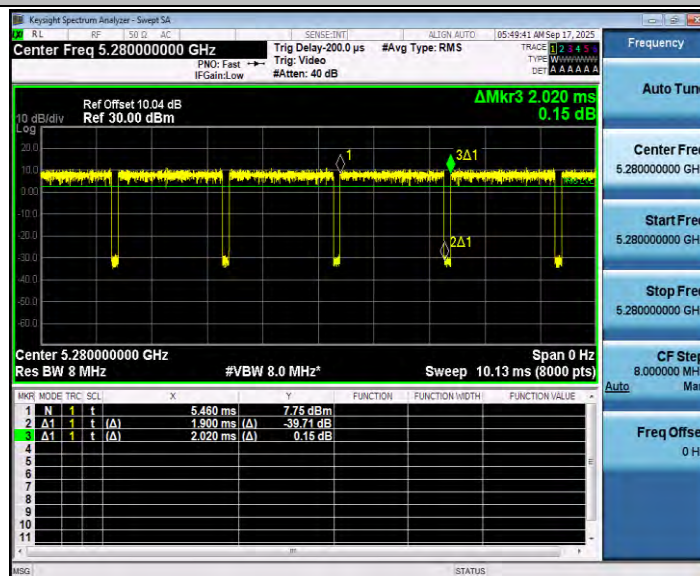
11N40SISO_Ant1_5310

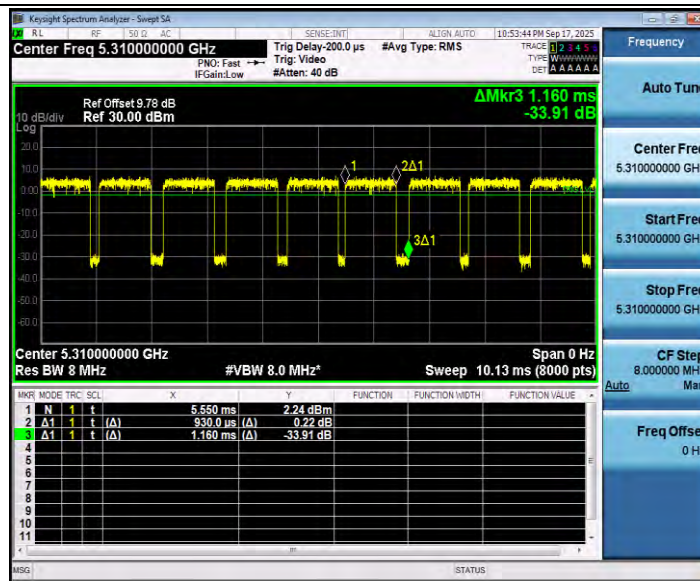


11AC20SISO_Ant1_5260

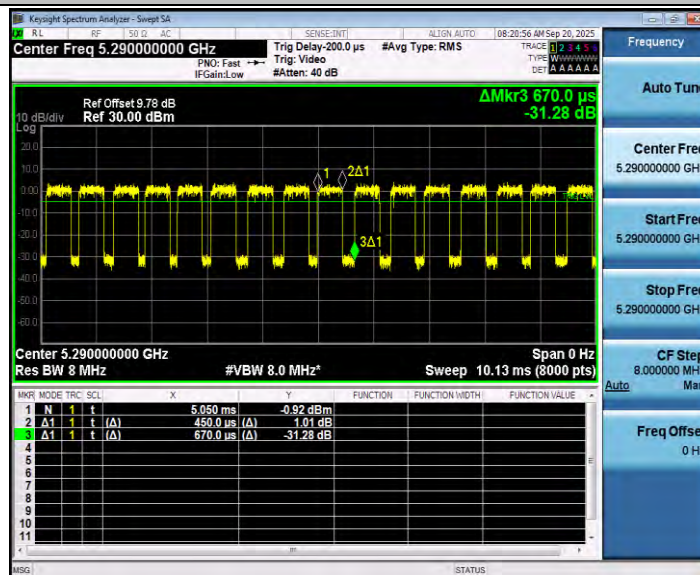


11AC20SISO_Ant1_5280

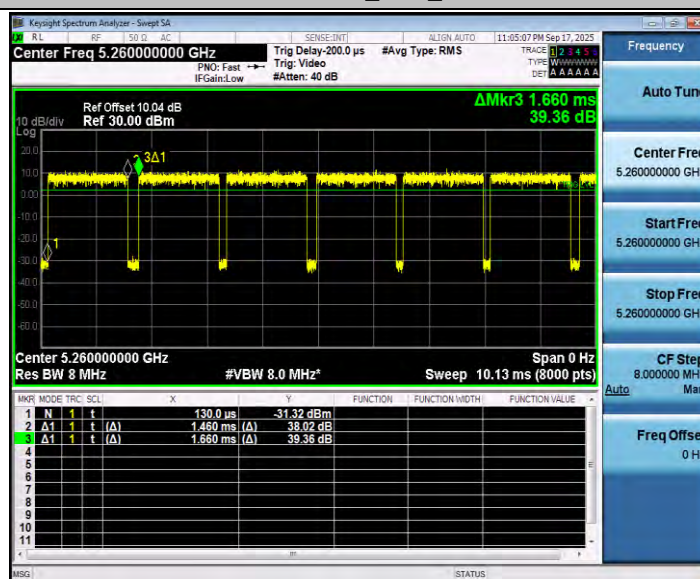




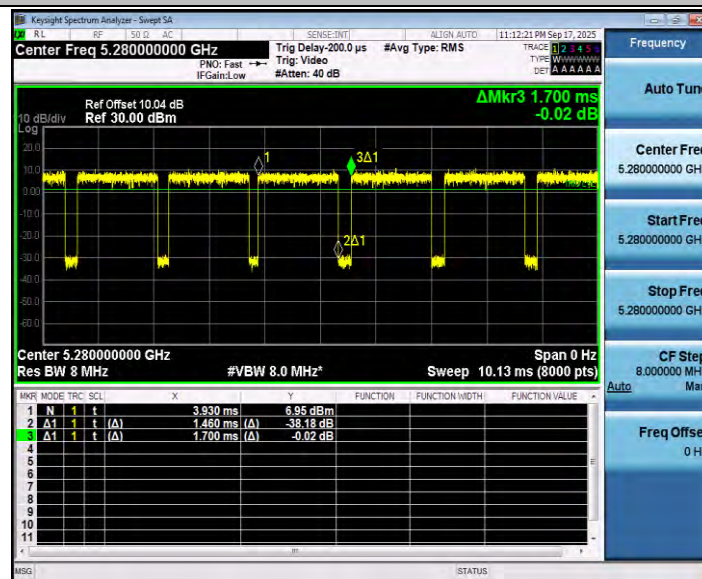
11AC80SISO_Ant1_5290



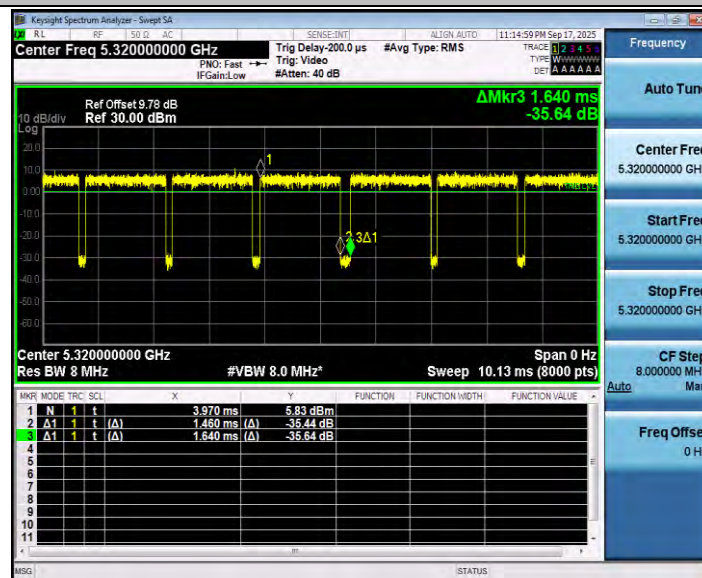
11AX20SISO_Ant1_5260



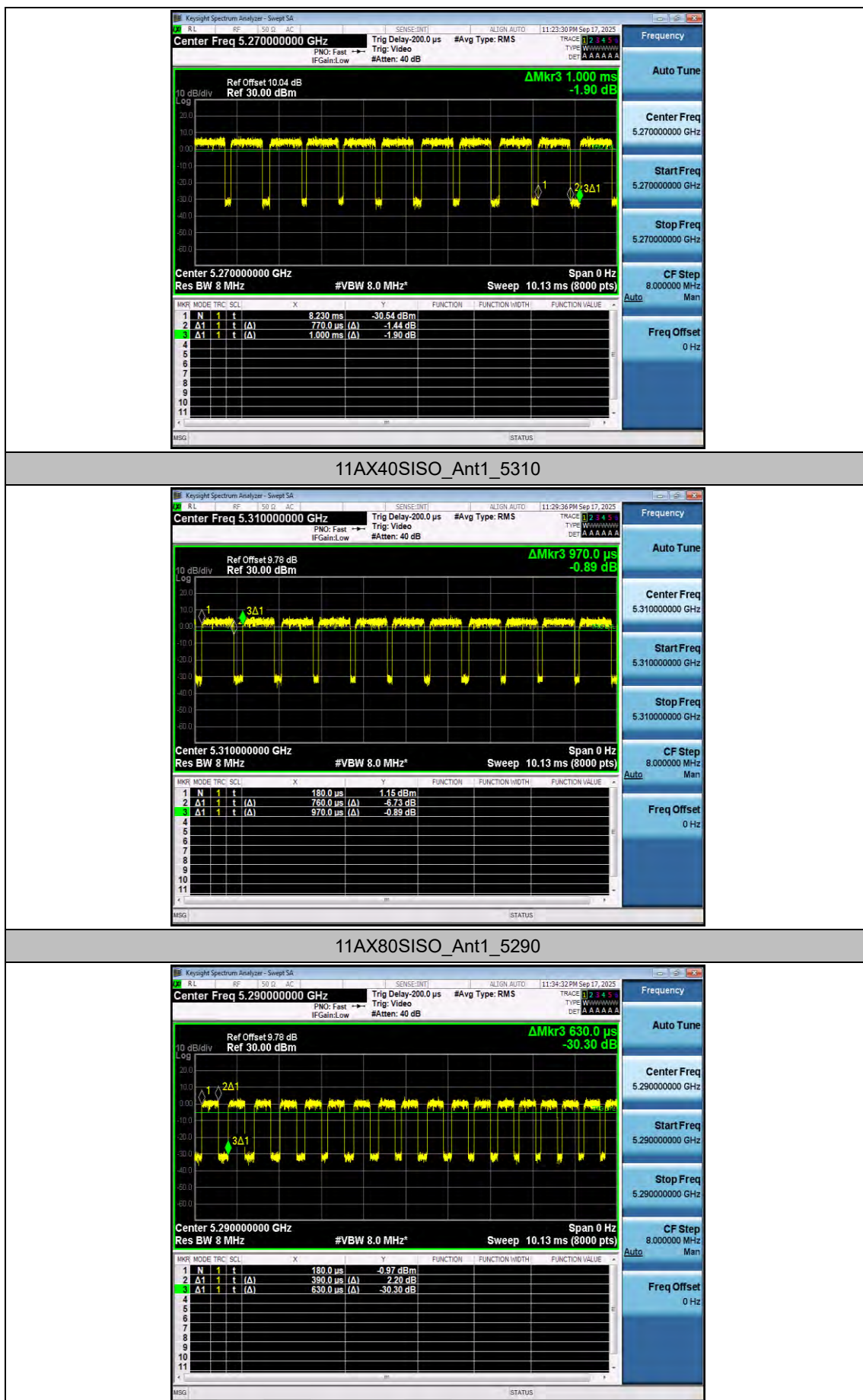
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



Appendix E.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	5260	12.28	92.73	0.33	12.61	≤23.98	PASS
		5280	11.73	93.12	0.31	12.04	≤23.98	PASS
		5320	11.86	92.69	0.33	12.19	≤23.98	PASS
11N20SISO	Ant1	5260	14.13	86.30	0.64	14.77	≤23.98	PASS
		5280	14.17	84.00	0.76	14.93	≤23.98	PASS
		5320	14.21	89.57	0.48	14.69	≤23.98	PASS
11N40SISO	Ant1	5270	10.33	83.78	0.77	11.10	≤23.98	PASS
		5310	10.11	79.49	1.00	11.11	≤23.98	PASS
11AC20SISO	Ant1	5260	11.45	94.53	0.24	11.69	≤23.98	PASS
		5280	10.33	94.06	0.27	10.60	≤23.98	PASS
		5320	10.79	90.48	0.43	11.22	≤23.98	PASS
11AC40SISO	Ant1	5270	10.00	80.17	0.96	10.96	≤23.98	PASS
		5310	9.11	80.17	0.96	10.07	≤23.98	PASS
11AC80SISO	Ant1	5290	7.57	18.92	7.23	14.80	≤23.98	PASS
11AX20SISO	Ant1	5260	10.63	86.90	0.61	11.24	≤23.98	PASS
		5280	9.64	85.88	0.66	10.30	≤23.98	PASS
		5320	8.65	89.02	0.51	9.16	≤23.98	PASS
11AX40SISO	Ant1	5270	9.66	77.00	1.14	10.80	≤23.98	PASS
		5310	9.35	78.35	1.06	10.41	≤23.98	PASS
11AX80SISO	Ant1	5290	8.36	61.90	2.08	10.44	≤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	1.71	≤11.00	PASS
		5280	1.11	≤11.00	PASS
		5320	1.25	≤11.00	PASS
11N20SISO	Ant1	5260	3.44	≤11.00	PASS
		5280	3.72	≤11.00	PASS
		5320	3.63	≤11.00	PASS
11N40SISO	Ant1	5270	-3.01	≤11.00	PASS
		5310	-2.93	≤11.00	PASS
11AC20SISO	Ant1	5260	1.19	≤11.00	PASS
		5280	-0.20	≤11.00	PASS
		5320	0.08	≤11.00	PASS
11AC40SISO	Ant1	5270	-1.31	≤11.00	PASS
		5310	-3.60	≤11.00	PASS
11AC80SISO	Ant1	5290	-0.54	≤11.00	PASS
11AX20SISO	Ant1	5260	0.06	≤11.00	PASS
		5280	-0.96	≤11.00	PASS
		5320	-2.24	≤11.00	PASS
11AX40SISO	Ant1	5270	-3.14	≤11.00	PASS
		5310	-5.55	≤11.00	PASS
11AX80SISO	Ant1	5290	-6.91	≤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



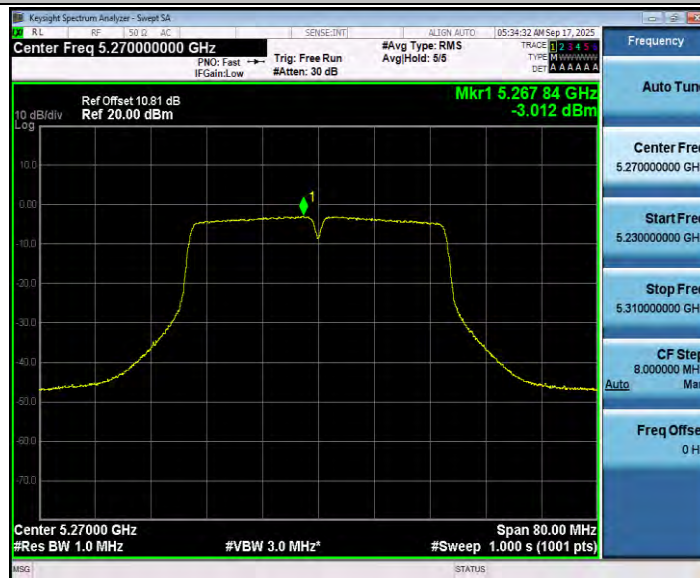
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11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



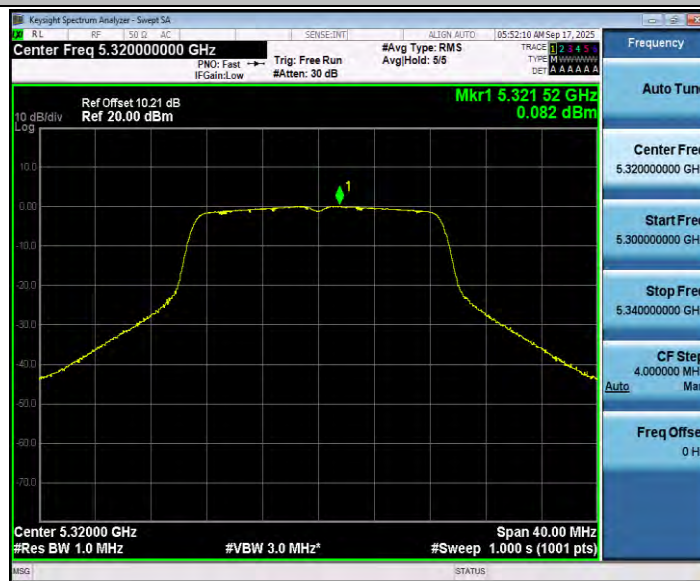
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



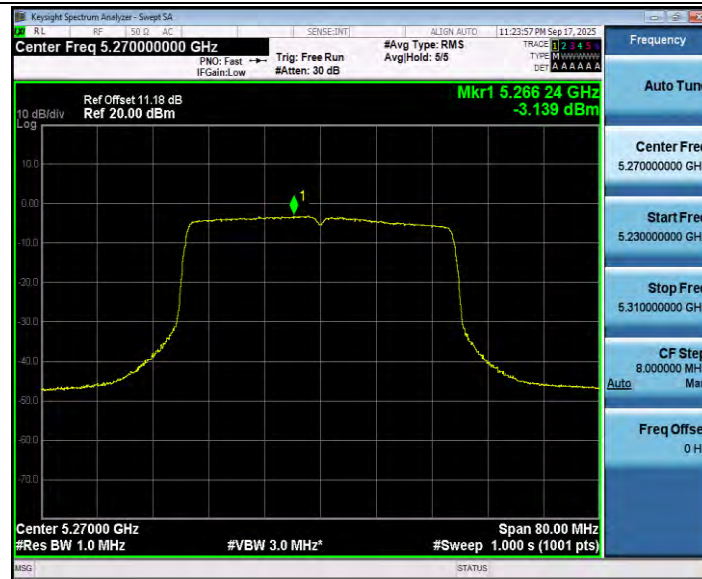
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

