

Case No. : <u>GTS20251128021-1-09</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.05-2025.12.25</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	20.120	5250.000	5270.120	---	---
		5280	20.240	5269.720	5289.960	---	---
		5320	20.560	5309.760	5330.320	---	---
11N20SISO	Ant2	5260	20.480	5249.760	5270.240	---	---
		5280	20.400	5270.000	5290.400	---	---
		5320	20.280	5309.960	5330.240	---	---
11N40SISO	Ant2	5270	39.440	5250.320	5289.760	---	---
		5310	39.680	5290.320	5330.000	---	---
11AC20SISO	Ant2	5260	20.520	5249.720	5270.240	---	---
		5280	19.840	5270.080	5289.920	---	---
		5320	20.120	5309.720	5329.840	---	---
11AC40SISO	Ant2	5270	39.840	5250.080	5289.920	---	---
		5310	39.760	5290.080	5329.840	---	---
11AC80SISO	Ant2	5290	80.800	5249.520	5330.320	---	---
11AX20SISO	Ant2	5260	20.960	5249.560	5270.520	---	---
		5280	21.040	5269.560	5290.600	---	---
		5320	20.920	5309.480	5330.400	---	---
11AX40SISO	Ant2	5270	40.080	5249.920	5290.000	---	---
		5310	40.000	5290.080	5330.080	---	---
11AX80SISO	Ant2	5290	83.040	5248.240	5331.280	---	---

Test Graphs





11N20SISO_Ant2_5260



11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



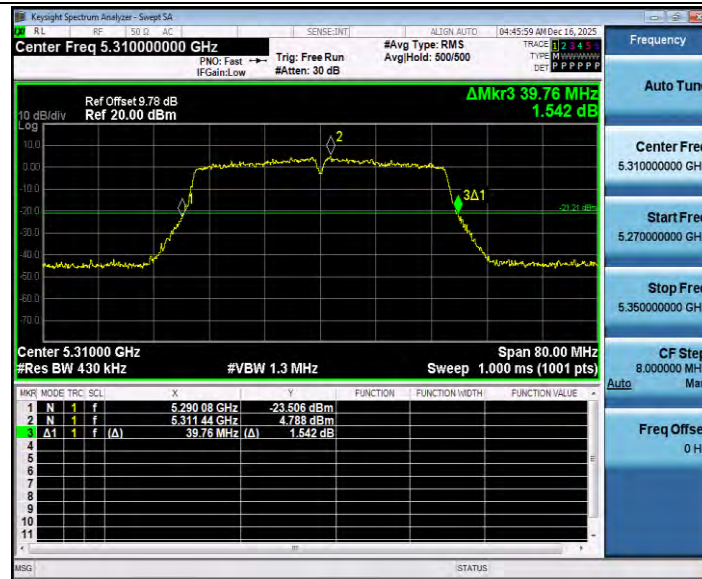
11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40ISO_Ant2_5310



11AX80ISO_Ant2_5290

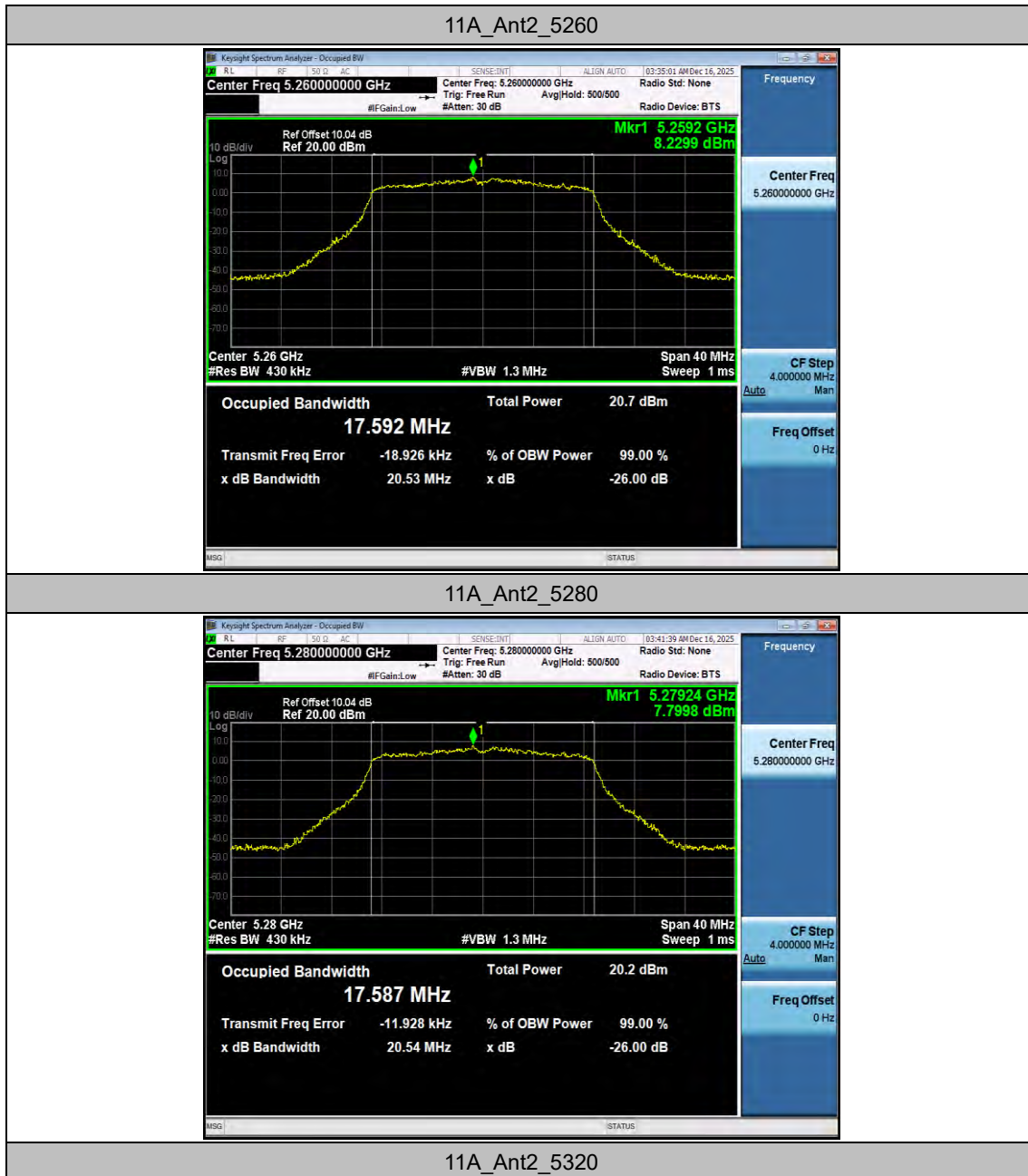


Appendix C.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	17.592	5251.1851	5268.7771	---	---
		5280	17.587	5271.1946	5288.7816	---	---
		5320	17.586	5311.2033	5328.7893	---	---
11N20SISO	Ant2	5260	17.573	5251.1982	5268.7712	---	---
		5280	17.621	5271.1735	5288.7945	---	---
		5320	17.567	5311.2217	5328.7887	---	---
11N40SISO	Ant2	5270	35.984	5251.9888	5287.9728	---	---
		5310	35.924	5292.0667	5327.9907	---	---
11AC20SISO	Ant2	5260	17.588	5251.1953	5268.7833	---	---
		5280	17.608	5271.1785	5288.7865	---	---
		5320	17.586	5311.2065	5328.7925	---	---
11AC40SISO	Ant2	5270	35.981	5251.9766	5287.9576	---	---
		5310	35.994	5292.0293	5328.0233	---	---
11AC80SISO	Ant2	5290	75.005	5252.4664	5327.4714	---	---
11AX20SISO	Ant2	5260	18.948	5250.5148	5269.4628	---	---
		5280	18.937	5270.5125	5289.4495	---	---
		5320	18.899	5310.5555	5329.4545	---	---
11AX40SISO	Ant2	5270	37.661	5251.1329	5288.7939	---	---
		5310	37.610	5291.1985	5328.8085	---	---
11AX80SISO	Ant2	5290	76.842	5251.4841	5328.3261	---	---

Test Graphs





11N20SISO_Ant2_5260



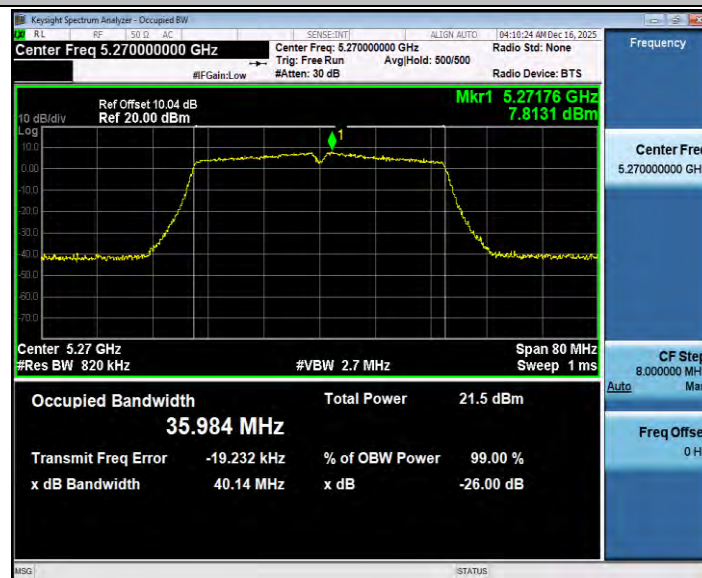
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11N20SISO_Ant2_5320



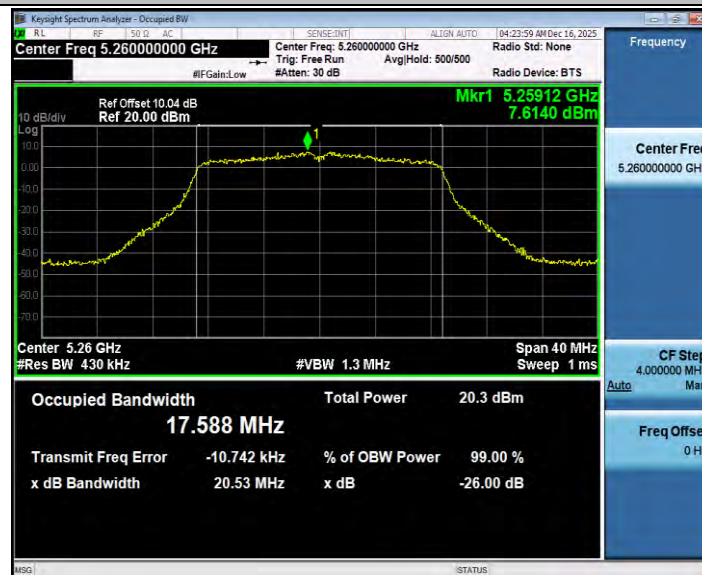
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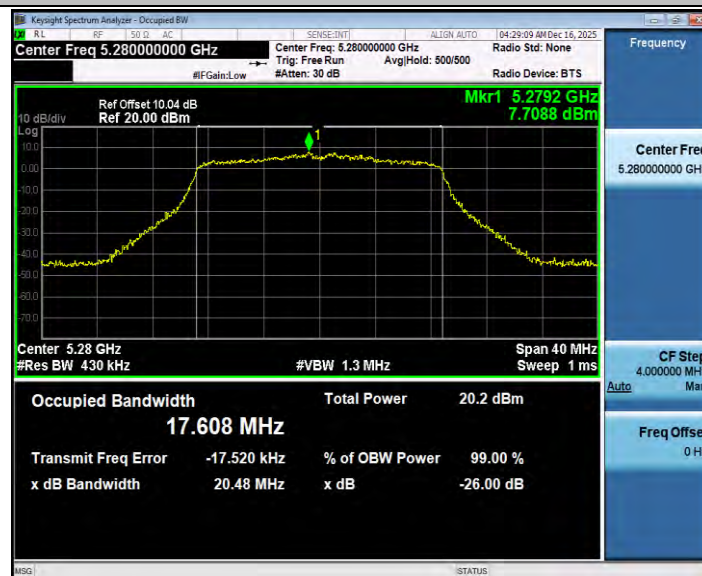
11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



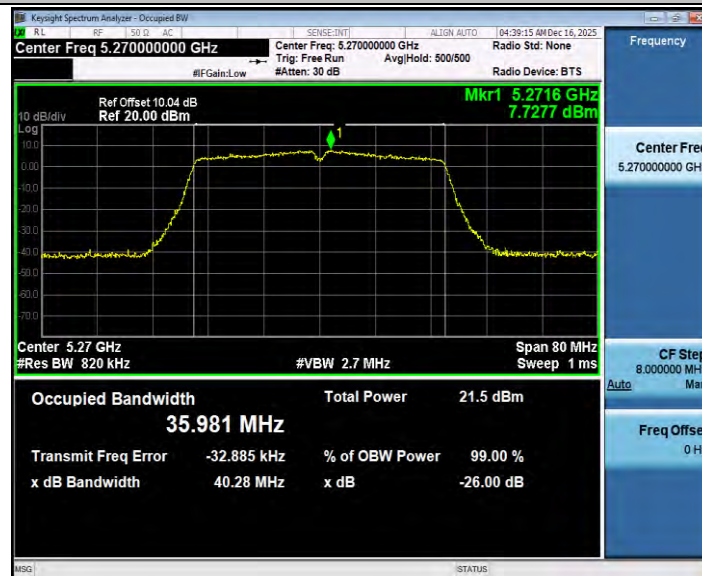
11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



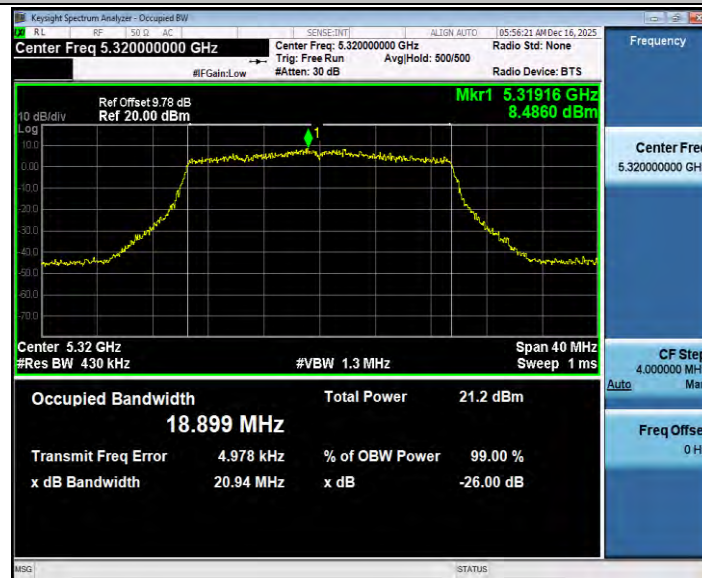
11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



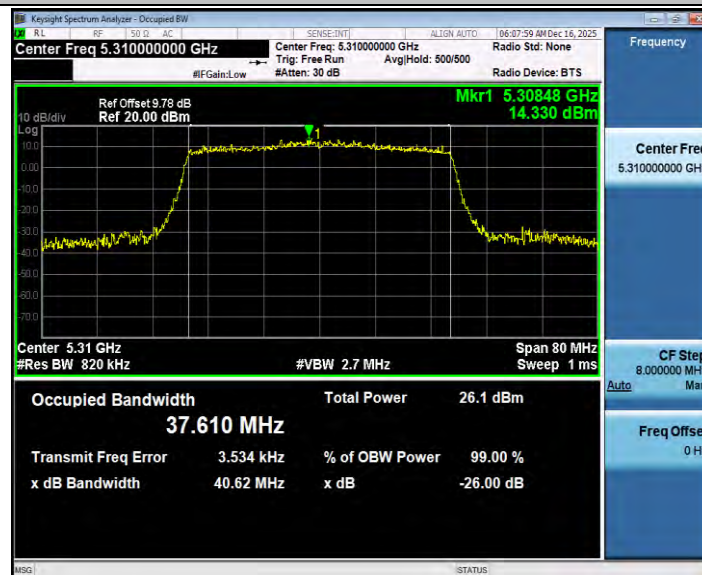
11AX20SISO_Ant2_5320



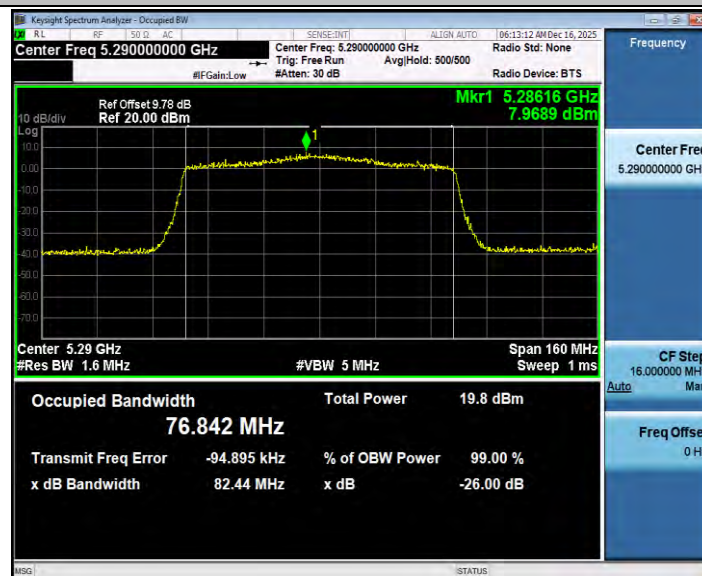
11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



11AX80SISO_Ant2_5290

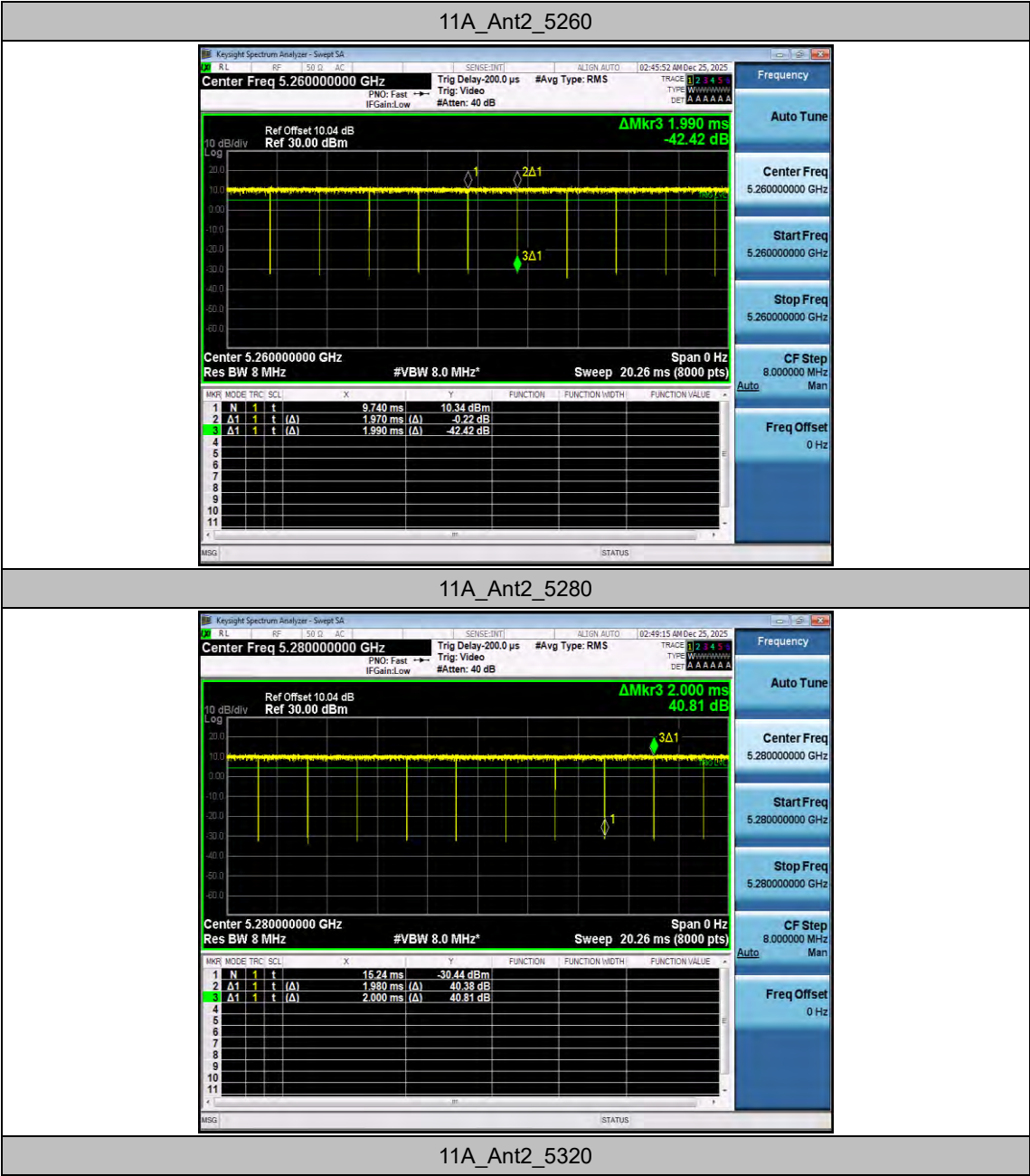


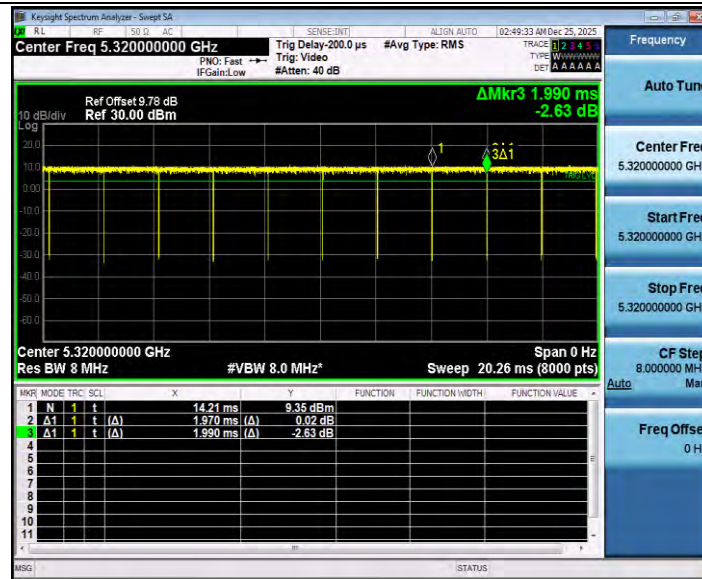
AppendixC.3: Duty Cycle

Test Result

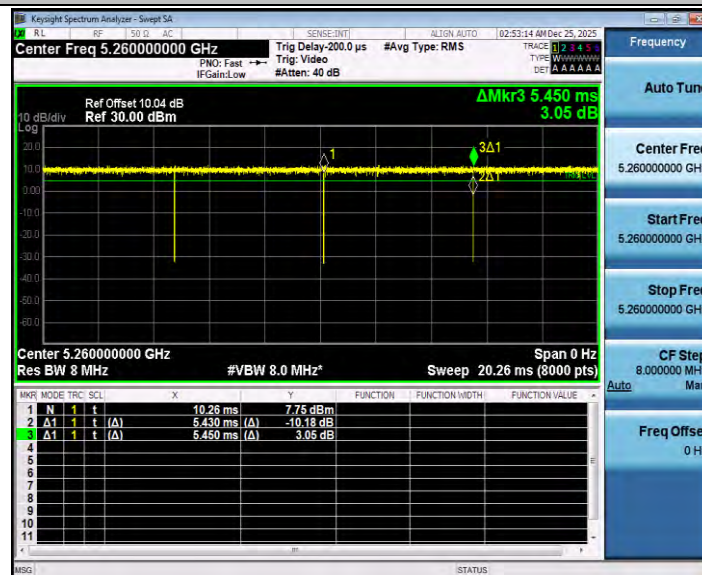
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5260	1.97	1.99	98.99	0.04	0.51
		5280	1.98	2.00	99.00	0.04	0.51
		5320	1.97	1.99	98.99	0.04	0.51
11N20SISO	Ant2	5260	5.43	5.45	99.63	0.02	0.18
		5280	5.43	5.44	99.82	0.01	0.18
		5320	5.43	5.44	99.82	0.01	0.18
11N40SISO	Ant2	5270	5.43	5.81	93.46	0.29	0.18
		5310	5.43	5.44	99.82	0.01	0.18
11AC20SISO	Ant2	5260	5.43	5.77	94.11	0.26	0.18
		5280	5.42	5.44	99.63	0.02	0.18
		5320	5.43	5.45	99.63	0.02	0.18
11AC40SISO	Ant2	5270	5.43	5.45	99.63	0.02	0.18
		5310	5.43	5.44	99.82	0.01	0.18
11AC80SISO	Ant2	5290	5.43	5.45	99.63	0.02	0.18
11AX20SISO	Ant2	5260	5.45	5.47	99.63	0.02	0.18
		5280	5.44	5.46	99.63	0.02	0.18
		5320	5.45	5.46	99.82	0.01	0.18
11AX40SISO	Ant2	5270	5.45	5.46	99.82	0.01	0.18
		5310	5.44	5.46	99.63	0.02	0.18
11AX80SISO	Ant2	5290	5.44	5.46	99.63	0.02	0.18

Test Graphs

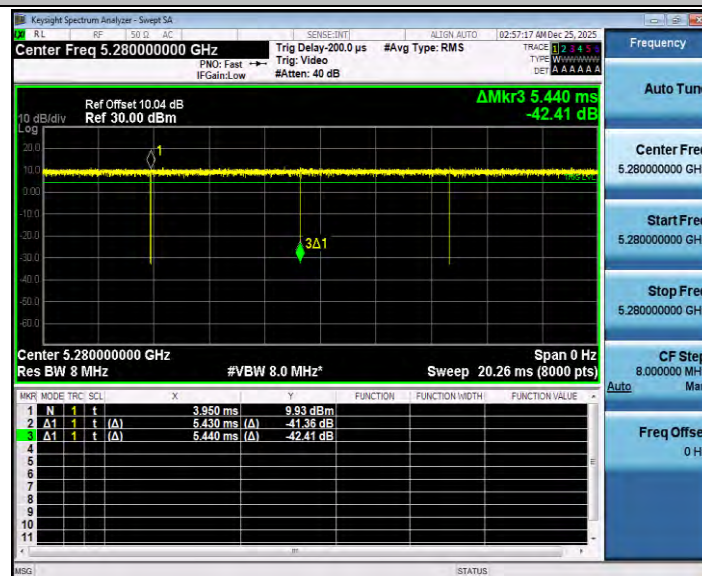




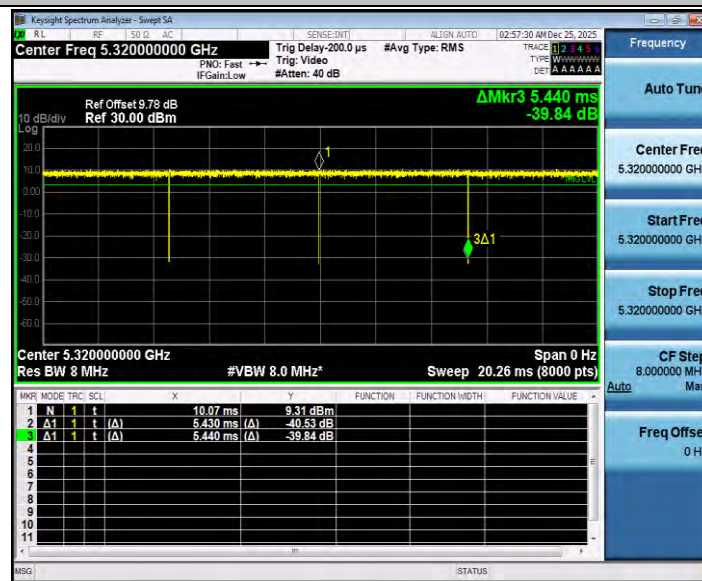
11N20SISO_Ant2_5260



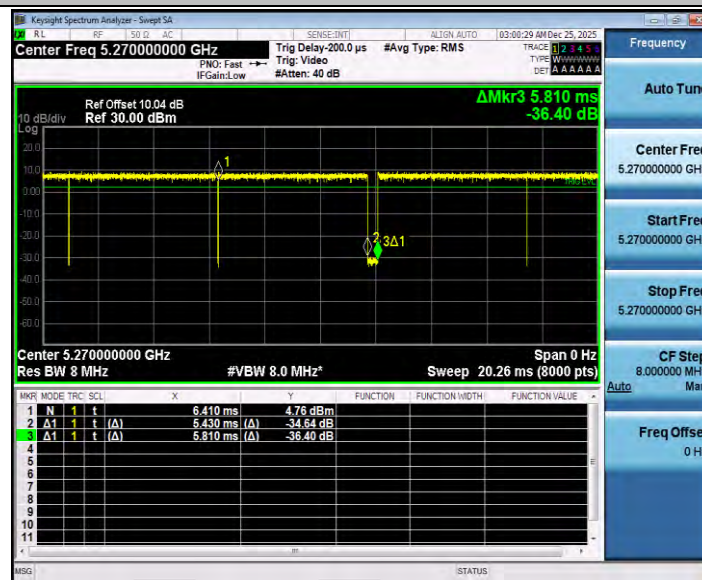
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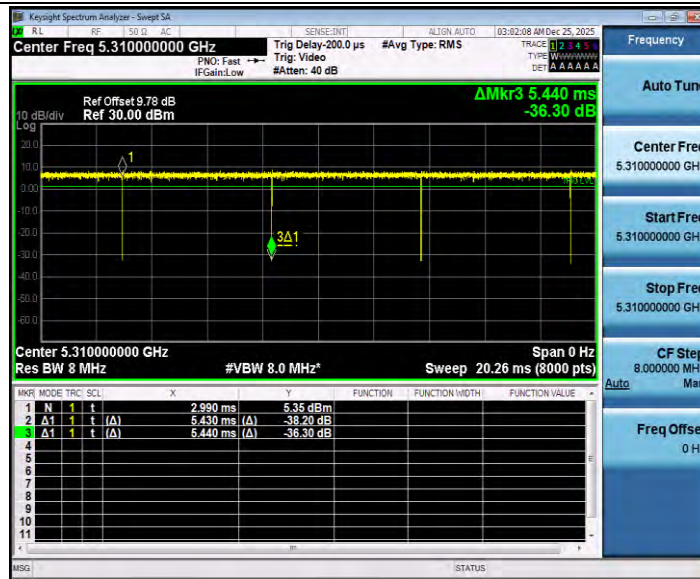
11N20SISO_Ant2_5320



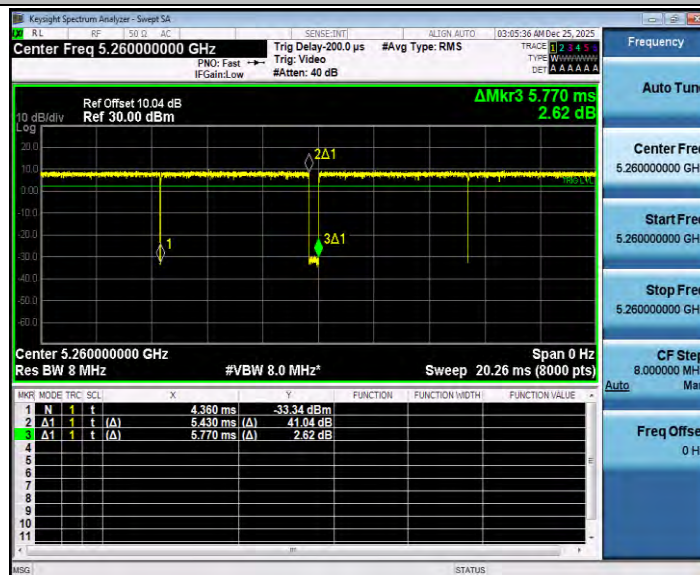
11N40SISO_Ant2_5270



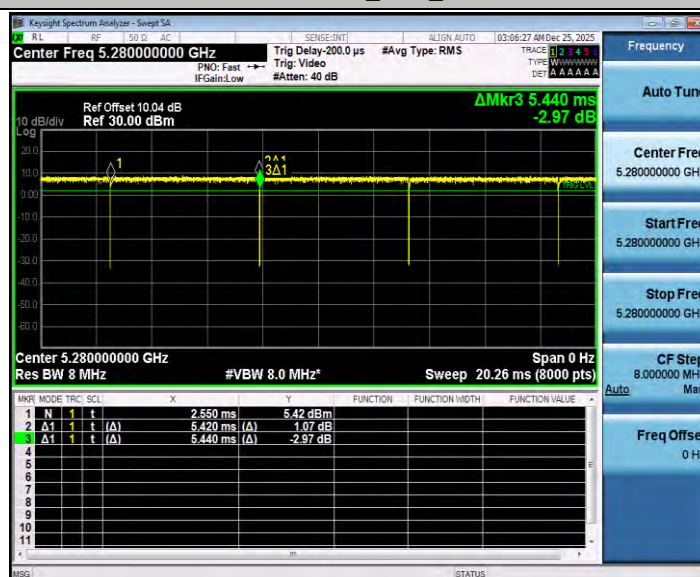
11N40SISO_Ant2_5310



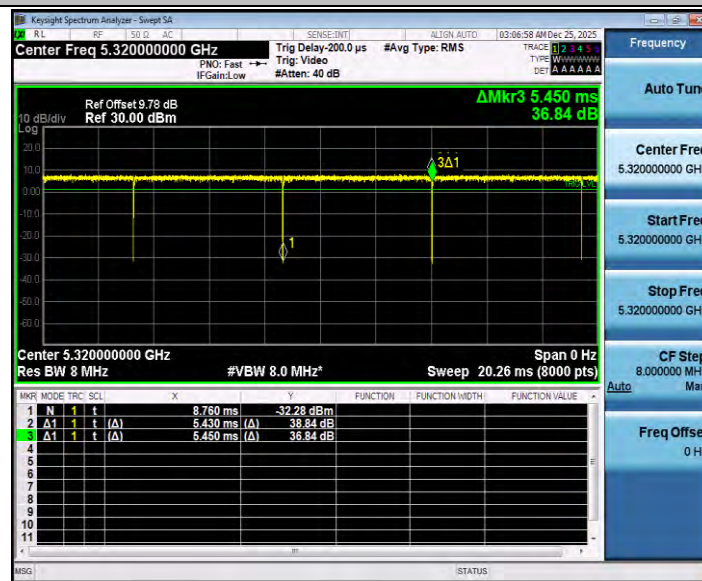
11AC20SISO_Ant2_5260



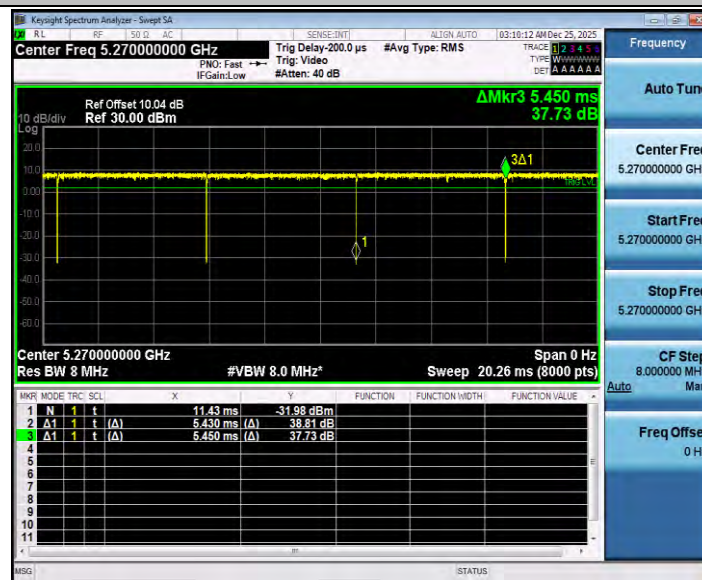
11AC20SISO_Ant2_5280



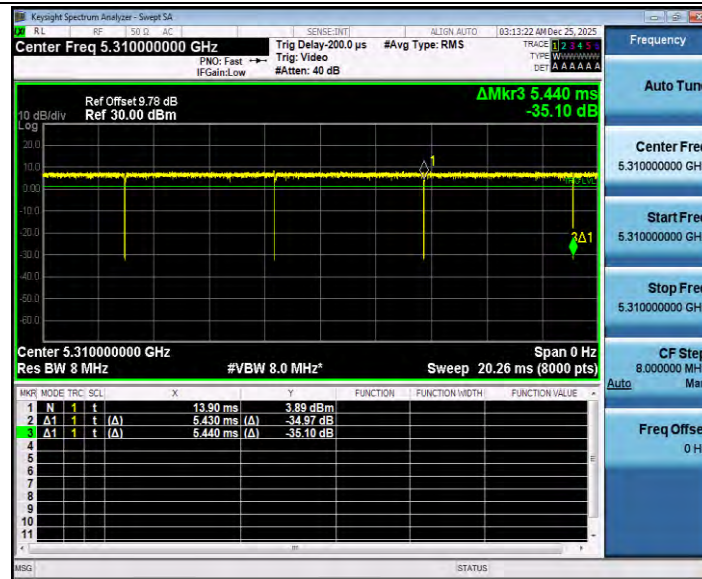
11AC20SISO_Ant2_5320



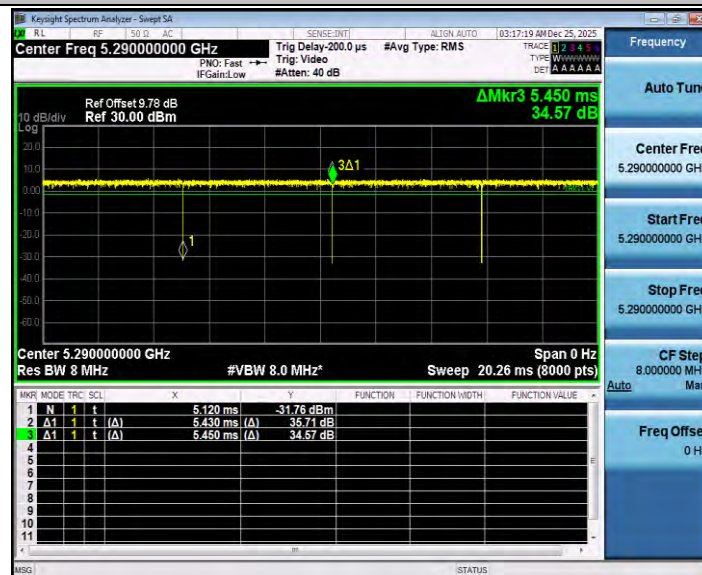
11AC40SISO_Ant2_5270



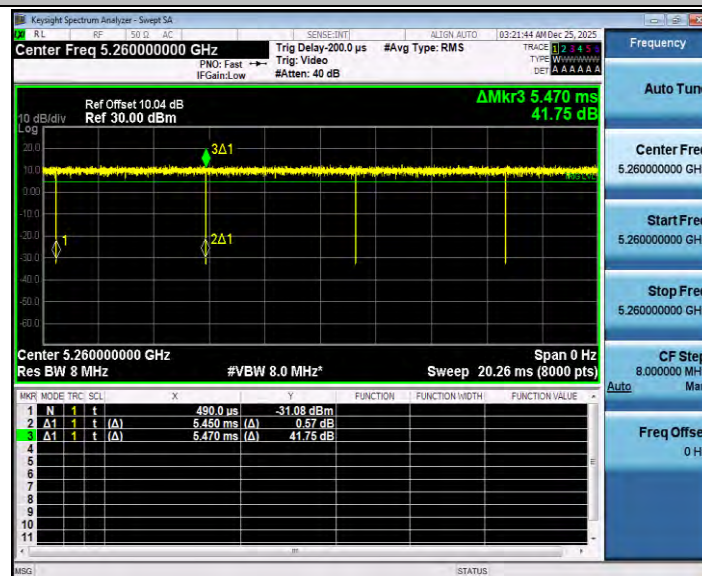
11AC40SISO_Ant2_5310

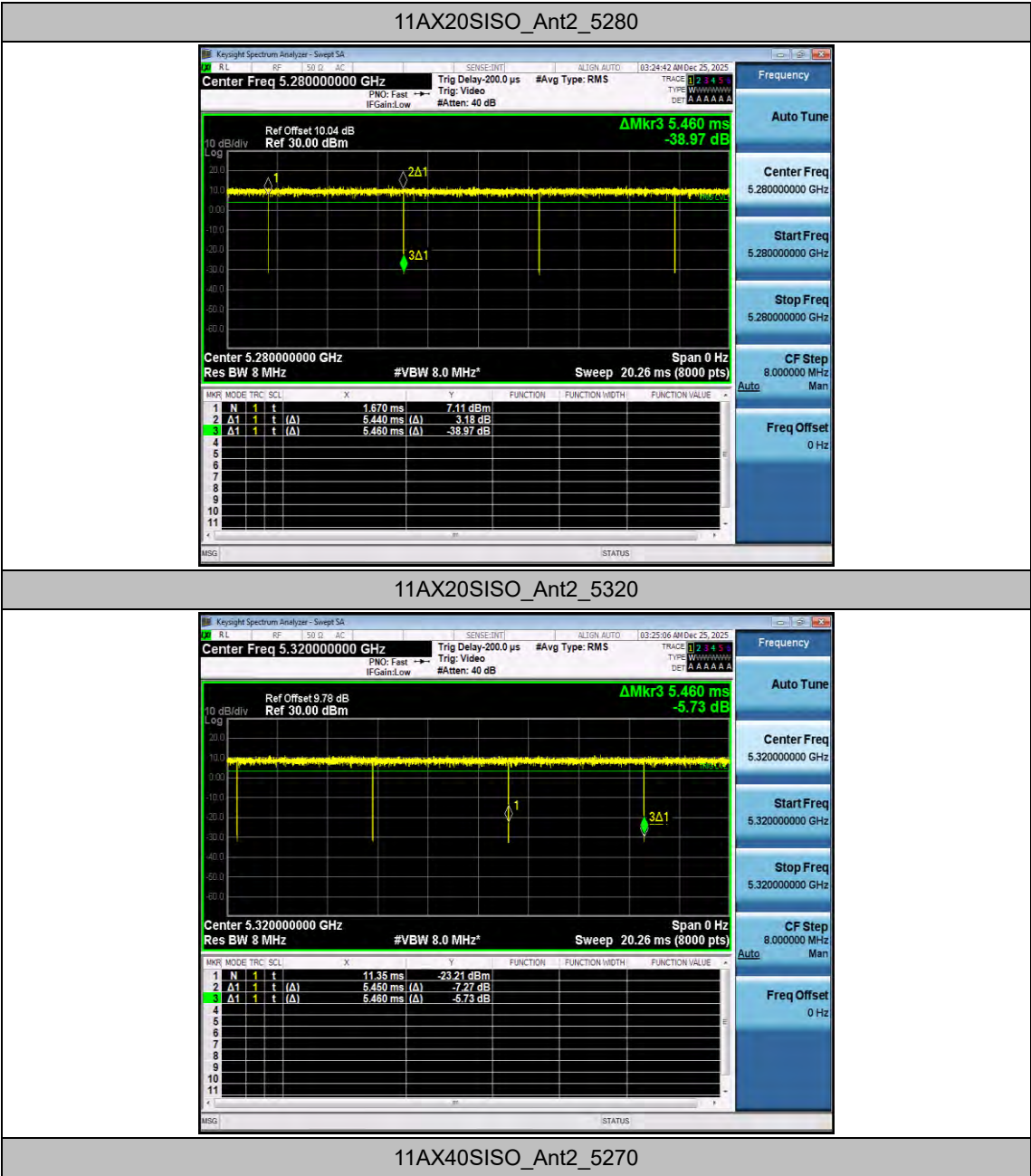


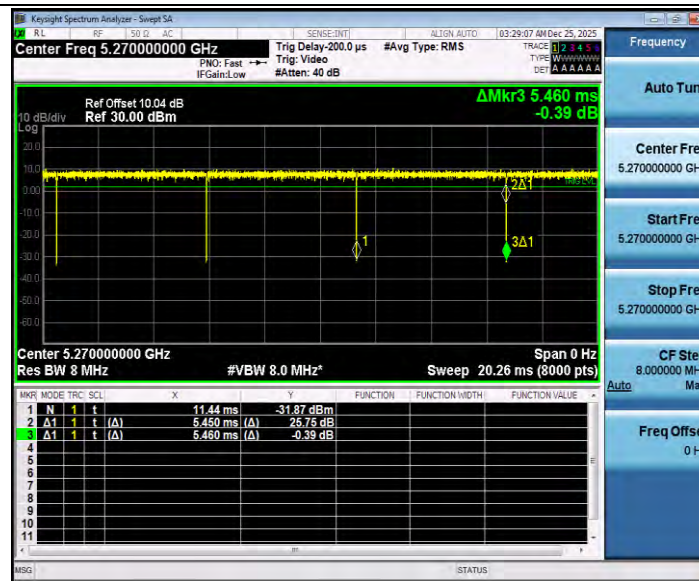
11AC80SISO_Ant2_5290



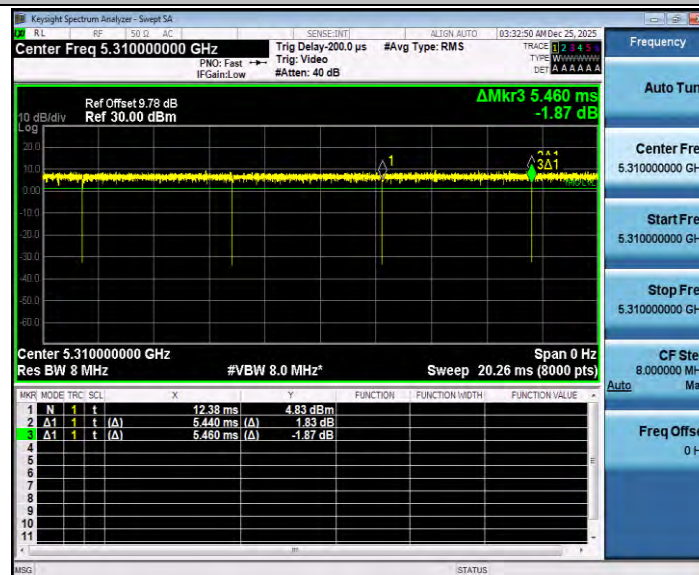
11AX20SISO_Ant2_5260



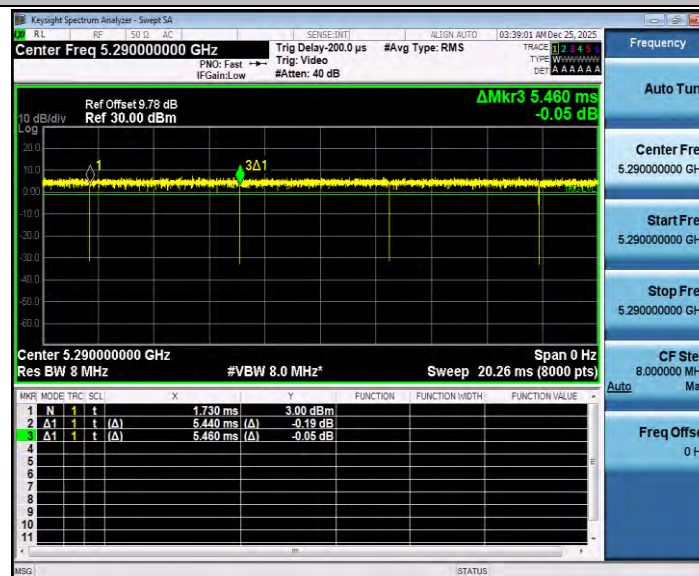




11AX40ISO_Ant2_5310



11AX80ISO_Ant2_5290



Appendix C.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	Ant2	5260	13.60	99.63	0.02	13.62	≤23.98	PASS
		5280	13.09	94.11	0.26	13.35	≤23.98	PASS
		5320	13.18	99.63	0.02	13.20	≤23.98	PASS
11N20SISO	Ant2	5260	13.06	99.63	0.02	13.08	≤23.98	PASS
		5280	13.01	94.11	0.26	13.27	≤23.98	PASS
		5320	13.09	99.63	0.02	13.11	≤23.98	PASS
11N40SISO	Ant2	5270	13.78	99.63	0.02	13.80	≤23.98	PASS
		5310	13.67	99.63	0.02	13.69	≤23.98	PASS
11AC20SISO	Ant2	5260	13.10	99.63	0.02	13.12	≤23.98	PASS
		5280	13.13	99.63	0.02	13.15	≤23.98	PASS
		5320	13.11	99.82	0.01	13.12	≤23.98	PASS
11AC40SISO	Ant2	5270	13.80	99.63	0.02	13.82	≤23.98	PASS
		5310	13.61	99.63	0.02	13.63	≤23.98	PASS
11AC80SISO	Ant2	5290	17.88	99.82	0.01	17.89	≤23.98	PASS
11AX20SISO	Ant2	5260	13.10	99.63	0.02	13.12	≤23.98	PASS
		5280	12.73	94.12	0.26	12.99	≤23.98	PASS
		5320	12.82	99.63	0.02	12.84	≤23.98	PASS
11AX40SISO	Ant2	5270	17.58	93.31	0.30	17.88	≤23.98	PASS
		5310	17.39	99.82	0.01	17.40	≤23.98	PASS
11AX80SISO	Ant2	5290	10.50	93.97	0.27	10.77	≤23.98	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5260	3.03	≤11.00	PASS
		5280	3.04	≤11.00	PASS
		5320	3.01	≤11.00	PASS
11N20SISO	Ant2	5260	2.90	≤11.00	PASS
		5280	2.99	≤11.00	PASS
		5320	2.76	≤11.00	PASS
11N40SISO	Ant2	5270	0.80	≤11.00	PASS
		5310	0.76	≤11.00	PASS
11AC20SISO	Ant2	5260	2.98	≤11.00	PASS
		5280	2.85	≤11.00	PASS
		5320	2.98	≤11.00	PASS
11AC40SISO	Ant2	5270	0.77	≤11.00	PASS
		5310	0.71	≤11.00	PASS
11AC80SISO	Ant2	5290	1.98	≤11.00	PASS
11AX20SISO	Ant2	5260	2.52	≤11.00	PASS
		5280	2.54	≤11.00	PASS
		5320	2.32	≤11.00	PASS
11AX40SISO	Ant2	5270	4.63	≤11.00	PASS
		5310	4.11	≤11.00	PASS
11AX80SISO	Ant2	5290	-4.96	≤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_Ant2_5260



11A_Ant2_5280



11A_Ant2_5320



11N20SISO_Ant2_5260



11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



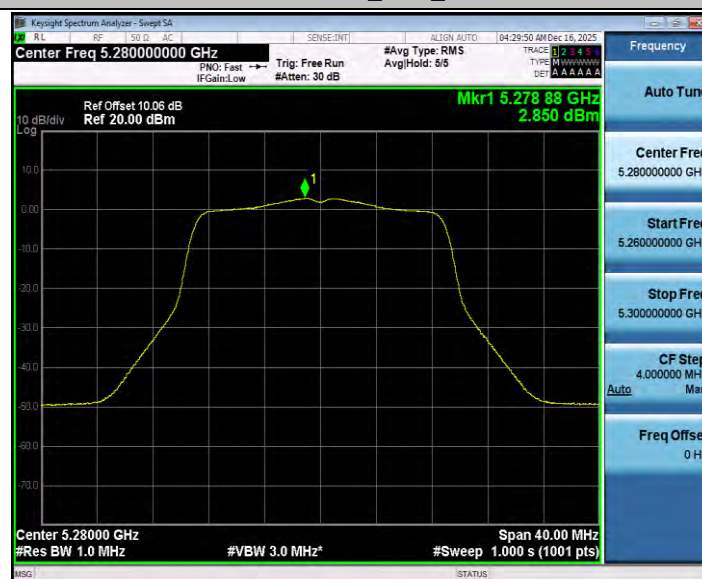
11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AC80SISO_Ant2_5290



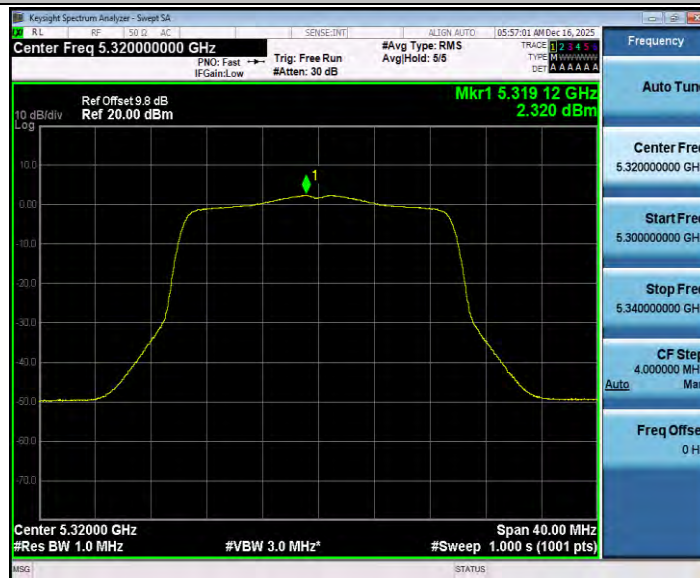
11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310



11AX80SISO_Ant2_5290

