

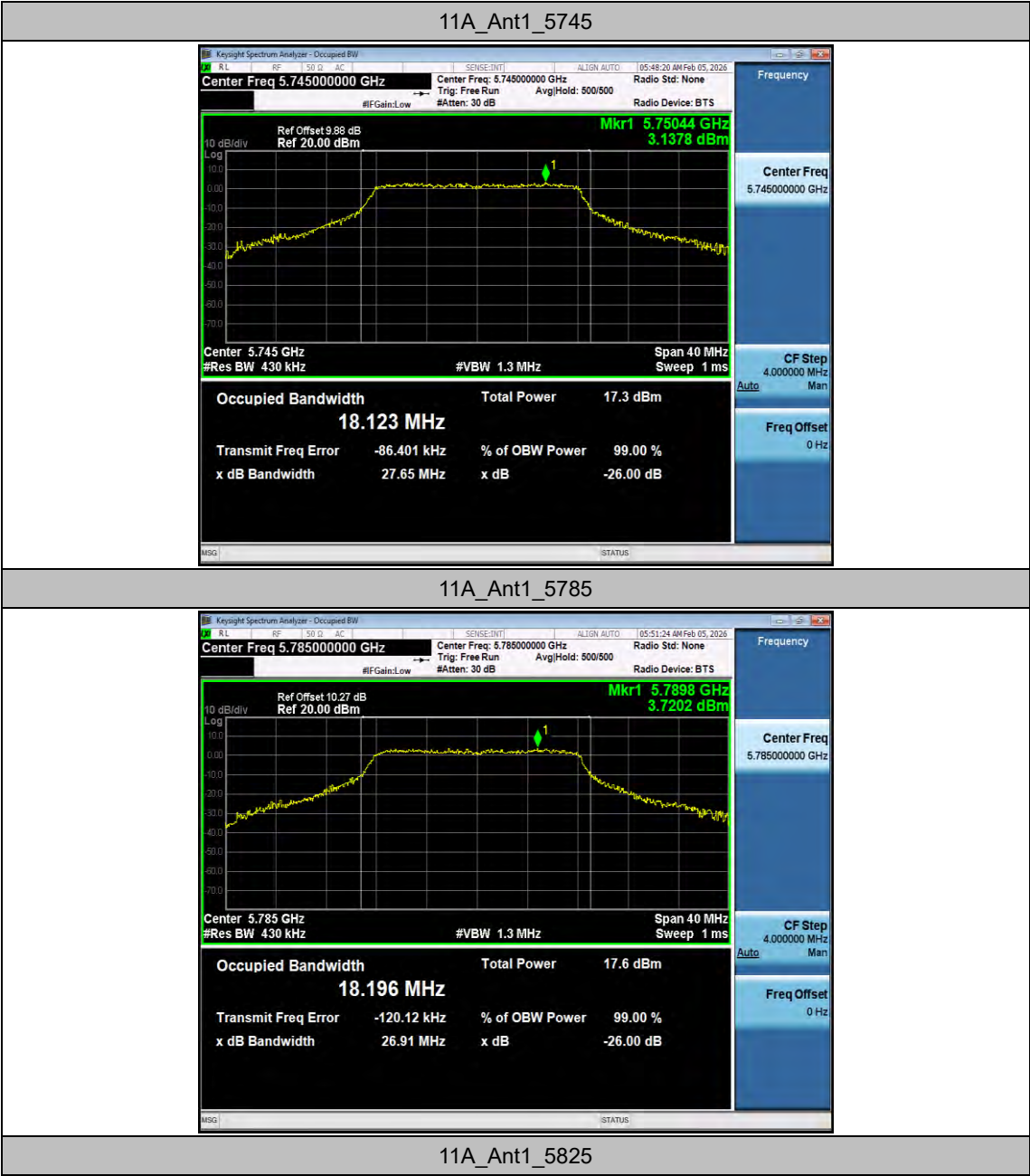
Case No. : <u>GTS20251203023-1-04</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.22-2026.3.12</u> Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Occupied channel bandwidth

Test Result

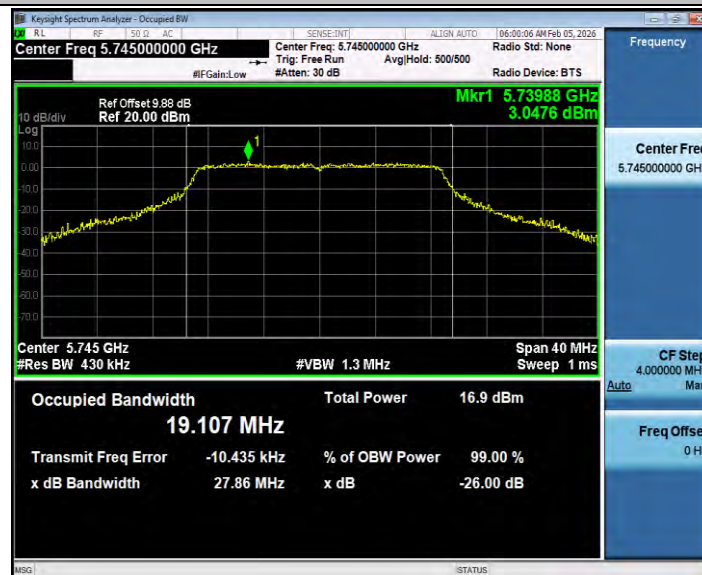
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.123	5735.8521	5753.9751	---	---
		5785	18.196	5775.7819	5793.9779	---	---
		5825	17.950	5815.9181	5833.8681	---	---
11N20SISO	Ant1	5745	19.107	5735.4361	5754.5431	---	---
		5785	19.148	5775.4245	5794.5725	---	---
		5825	19.025	5815.5105	5834.5355	---	---
11N40SISO	Ant1	5755	37.831	5736.0380	5773.8690	---	---
		5795	37.750	5776.1263	5813.8763	---	---
11AC20SISO	Ant1	5745	19.221	5735.3838	5754.6048	---	---
		5785	19.100	5775.4579	5794.5579	---	---
		5825	19.022	5815.4618	5834.4838	---	---
11AC40SISO	Ant1	5755	37.798	5736.1477	5773.9457	---	---
		5795	37.724	5776.1920	5813.9160	---	---
11AX20SISO	Ant1	5745	19.720	5735.1109	5754.8309	---	---
		5785	19.628	5775.1431	5794.7711	---	---
		5825	19.652	5815.1694	5834.8214	---	---
11AX40SISO	Ant1	5755	38.317	5735.8414	5774.1584	---	---
		5795	38.559	5775.8061	5814.3651	---	---

Test Graphs

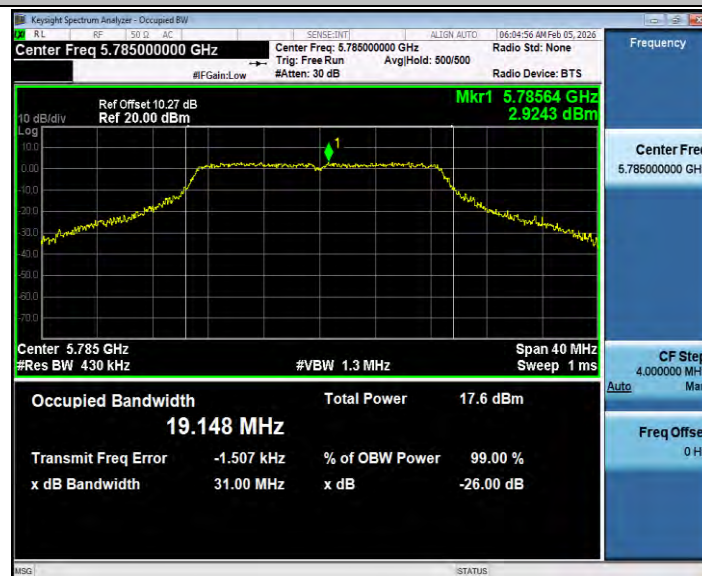




11N20SISO_Ant1_5745



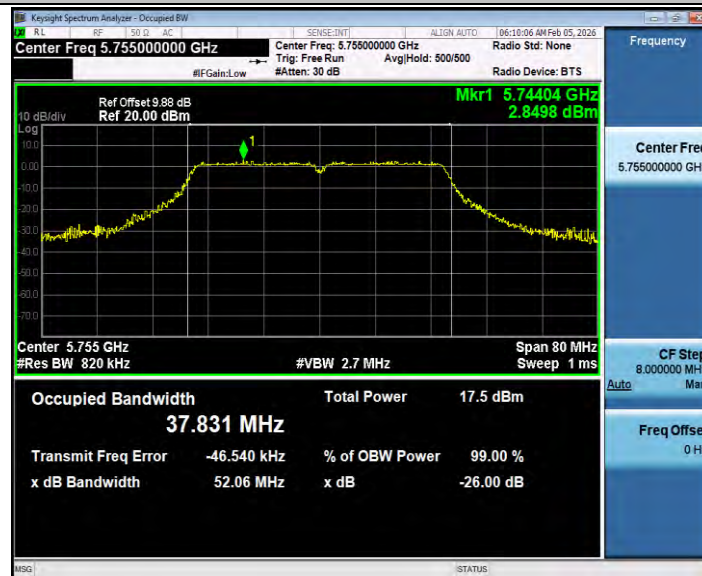
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



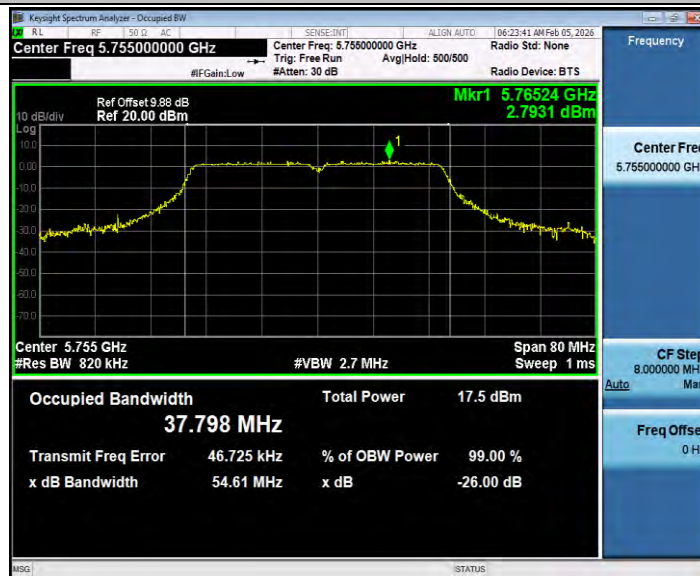
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



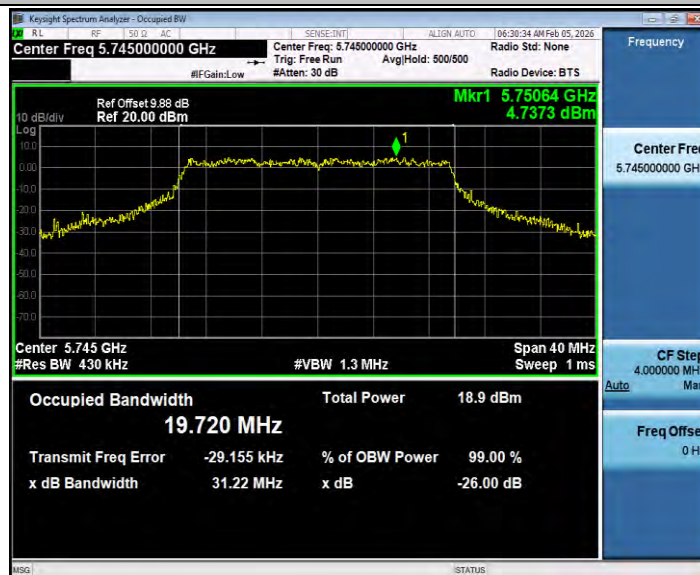
11AC40SISO_Ant1_5755



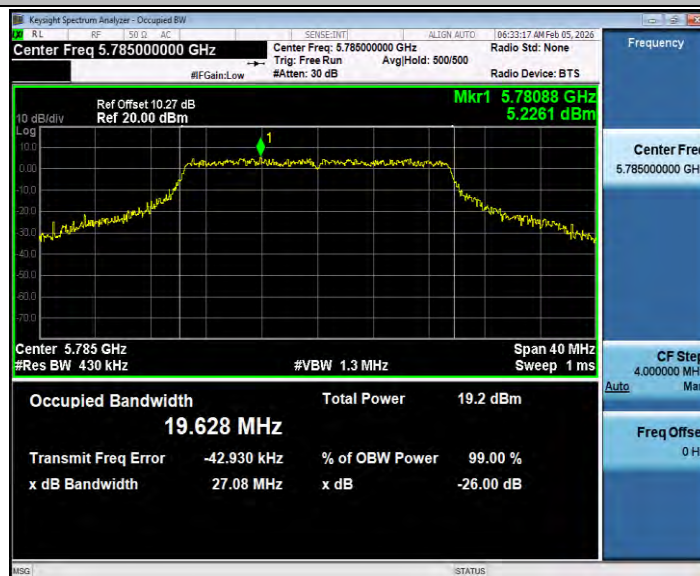
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



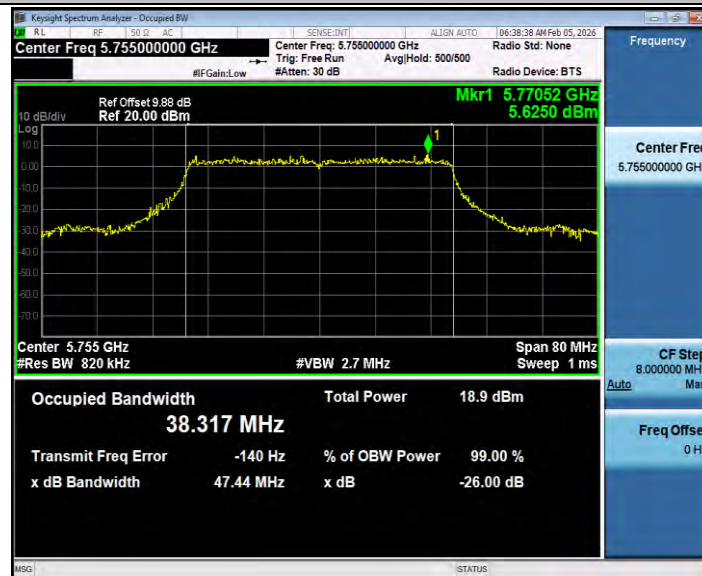
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



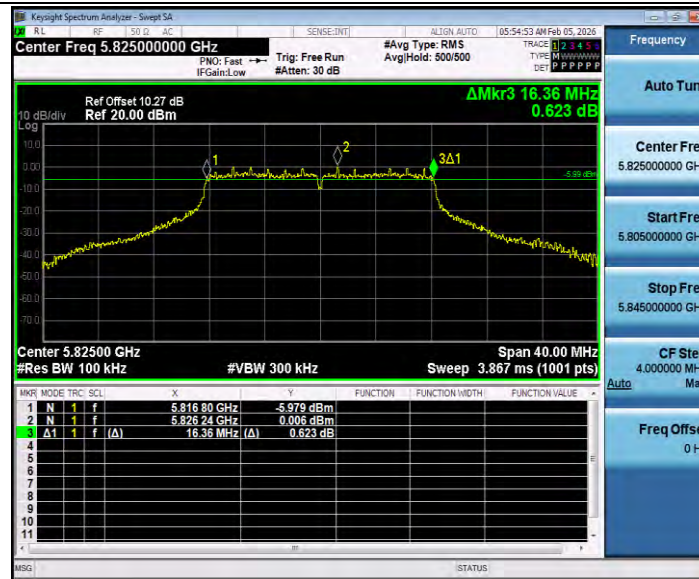
11AX40SISO_Ant1_5795



Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.480	5754.480	0.5	PASS
		5785	18.960	5775.560	5794.520	0.5	PASS
		5825	18.960	5815.480	5834.440	0.5	PASS
11AX40SISO	Ant1	5755	38.000	5736.040	5774.040	0.5	PASS
		5795	38.160	5775.960	5814.120	0.5	PASS



11N20SISO_Ant1_5745



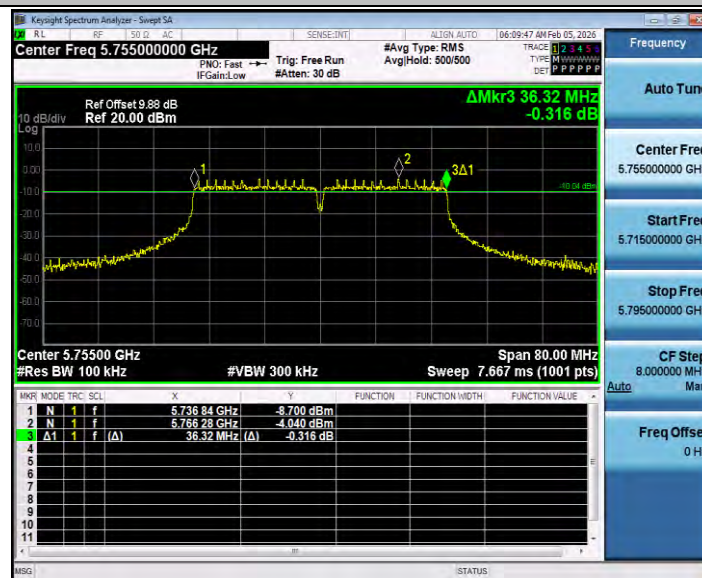
11N20SISO_Ant1_5785



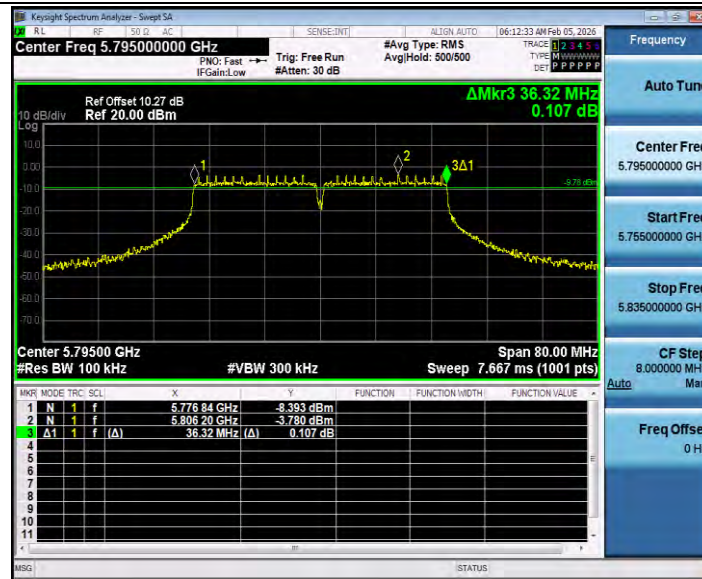
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



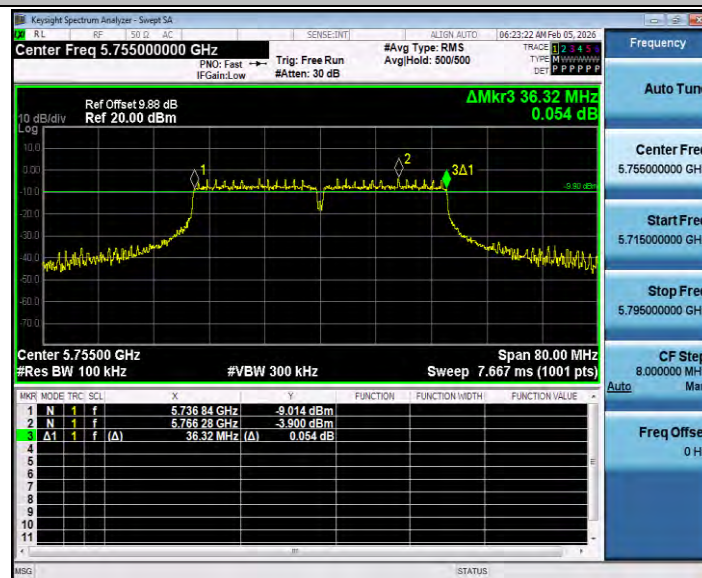
11AC20SISO_Ant1_5785



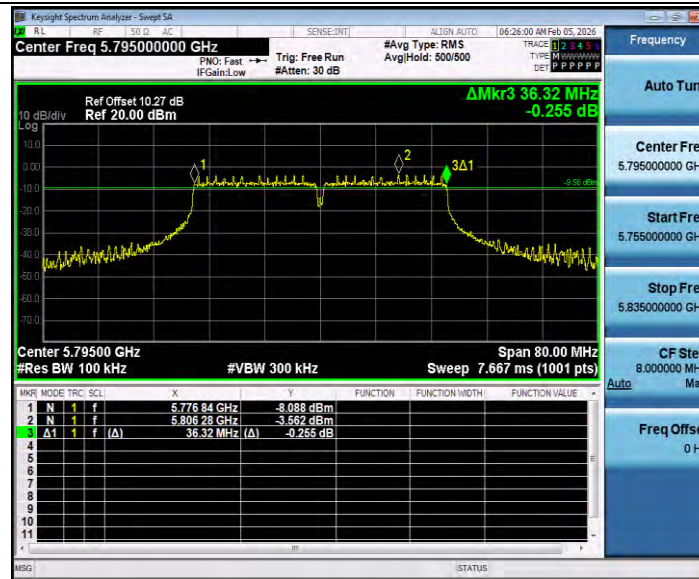
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



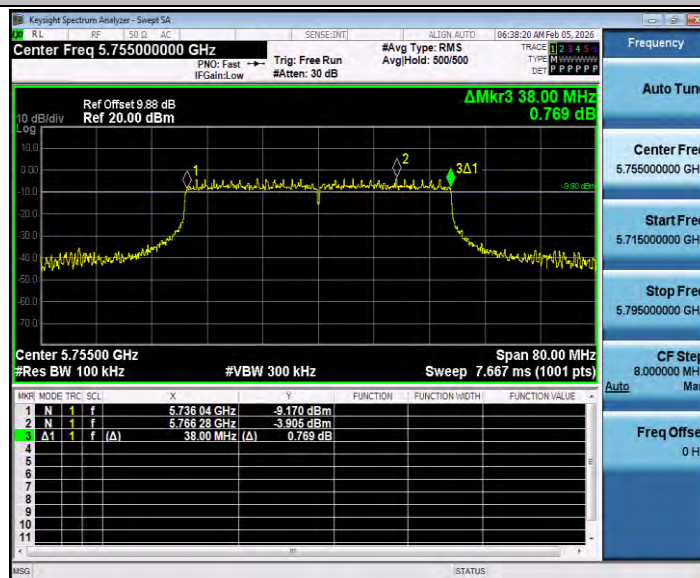
11AX20SISO_Ant1_5785



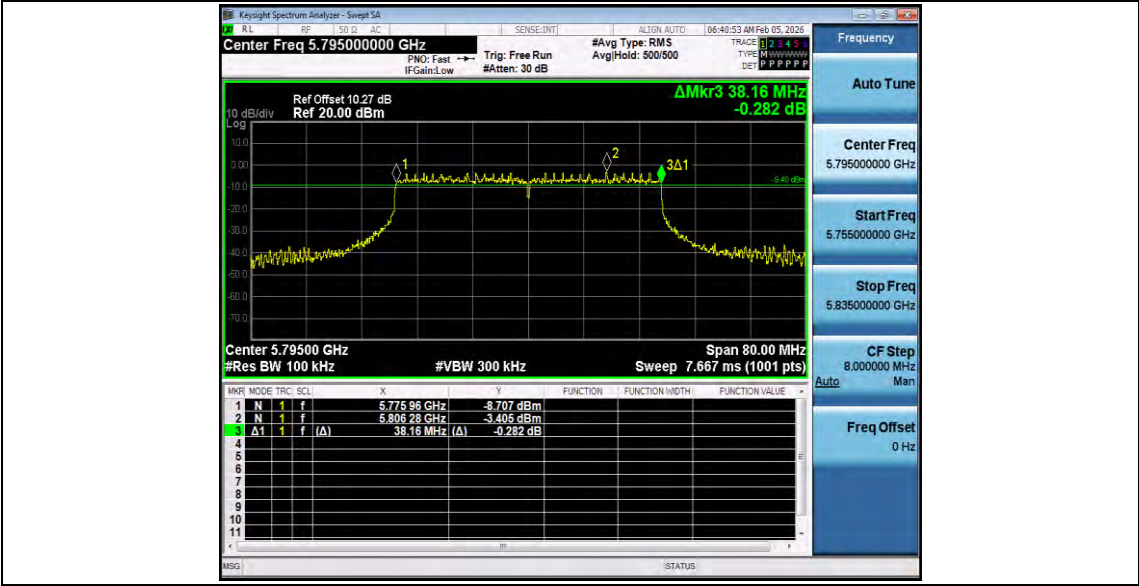
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

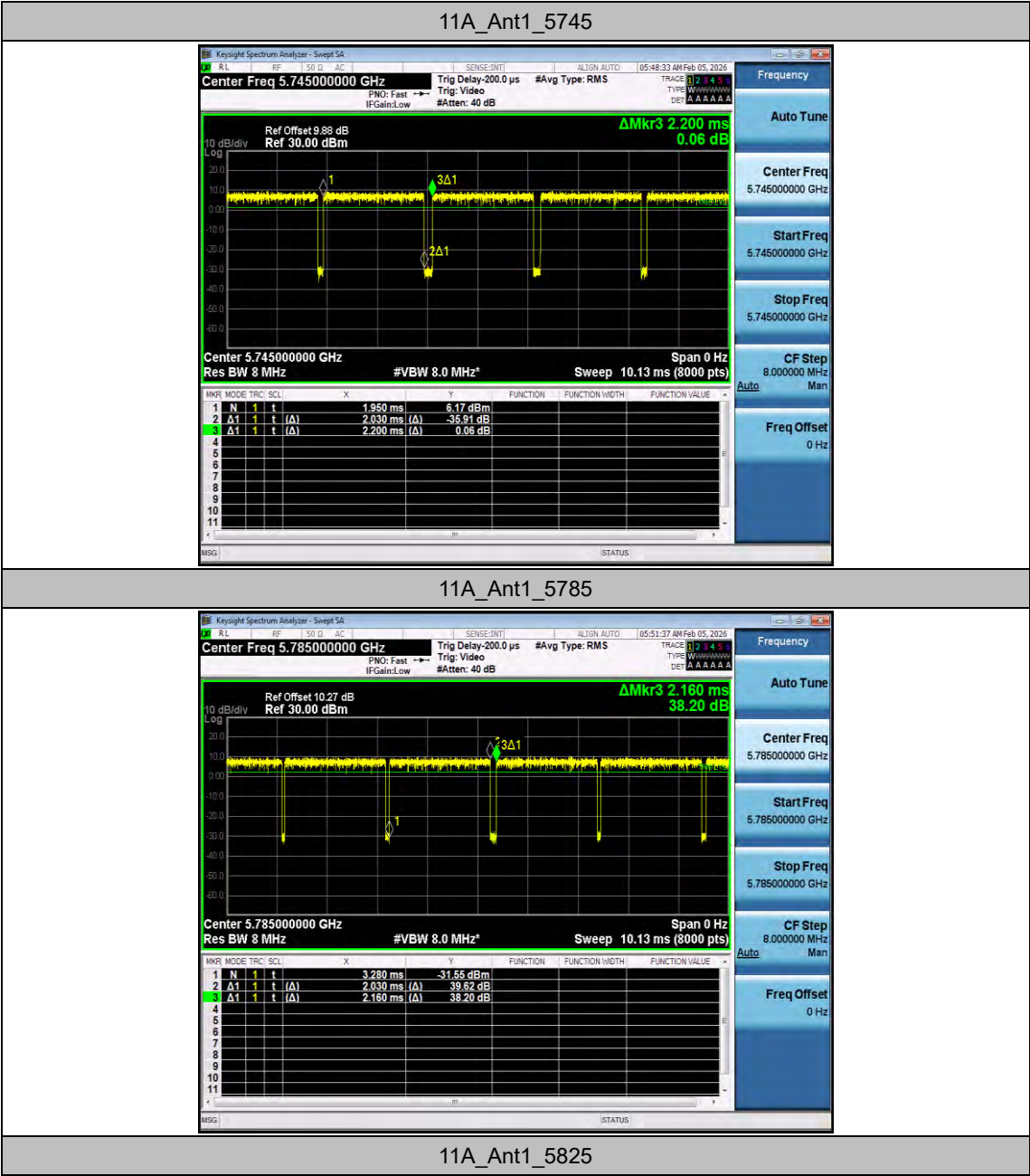


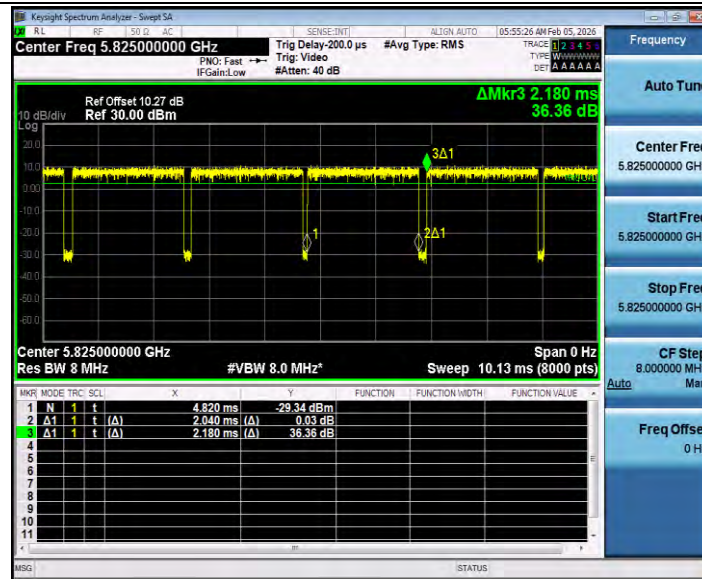
Appendix E.3: Duty Cycle

Test Result

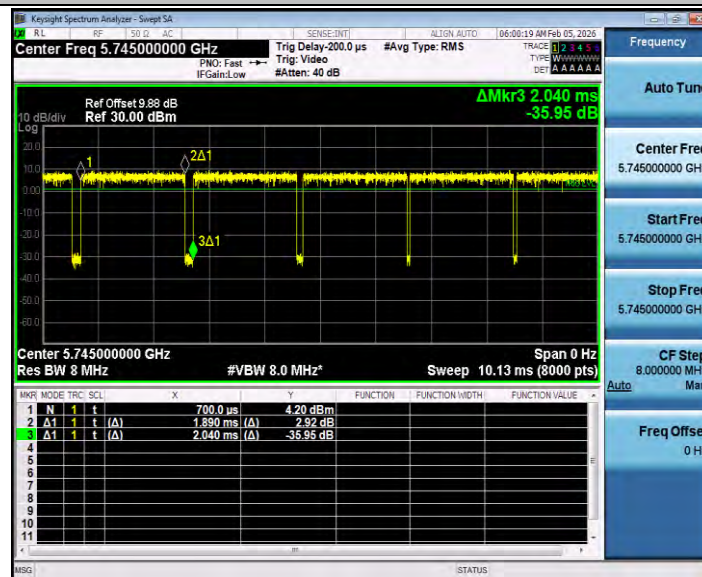
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.20	92.27	0.35	0.49
		5785	2.03	2.16	93.98	0.27	0.49
		5825	2.04	2.18	93.58	0.29	0.49
11N20SISO	Ant1	5745	1.89	2.04	92.65	0.33	0.53
		5785	1.89	2.06	91.75	0.37	0.53
		5825	1.89	2.04	92.65	0.33	0.53
11N40SISO	Ant1	5755	0.93	1.05	88.57	0.53	1.08
		5795	0.93	1.08	86.11	0.65	1.08
11AC20SISO	Ant1	5745	1.90	2.03	93.60	0.29	0.53
		5785	1.90	2.05	92.68	0.33	0.53
		5825	1.90	2.04	93.14	0.31	0.53
11AC40SISO	Ant1	5755	0.94	1.10	85.45	0.68	1.06
		5795	0.94	1.10	85.45	0.68	1.06
11AX20SISO	Ant1	5745	1.46	1.62	90.12	0.45	0.68
		5785	1.46	1.60	91.25	0.40	0.68
		5825	1.45	1.61	90.06	0.45	0.69
11AX40SISO	Ant1	5755	0.75	0.90	83.33	0.79	1.33
		5795	0.75	0.91	82.42	0.84	1.33

Test Graphs

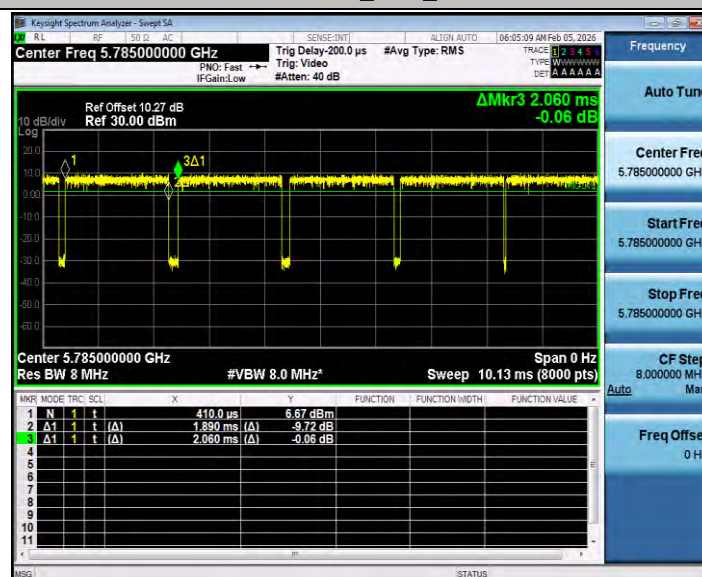


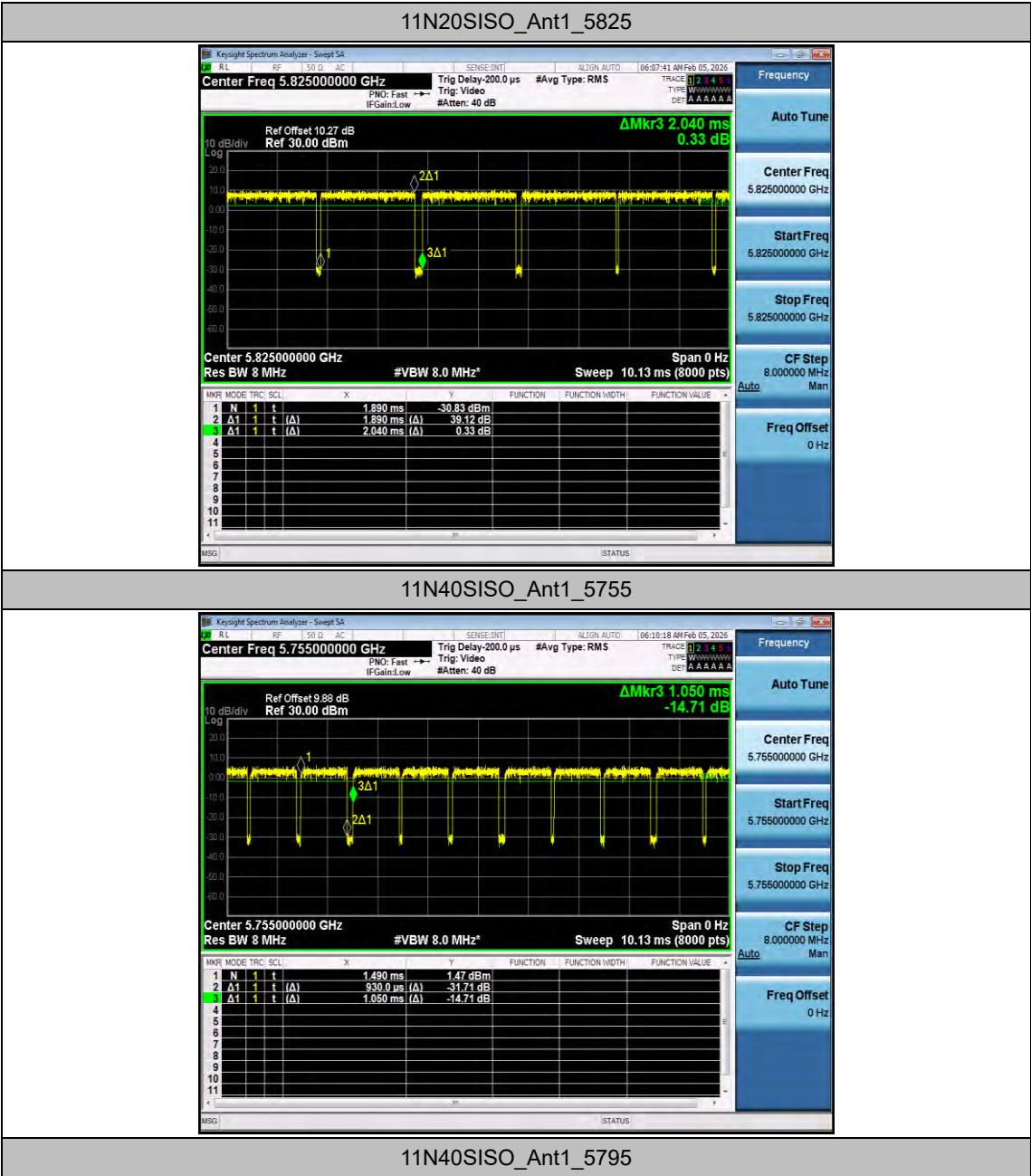


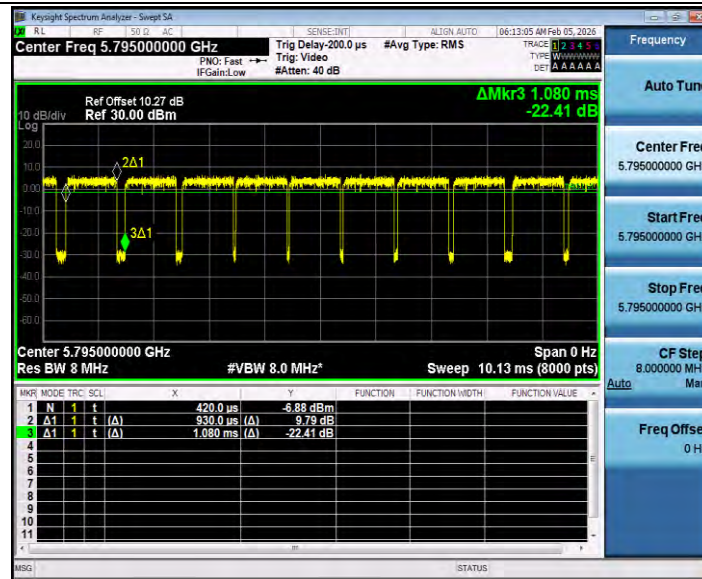
11N20SISO_Ant1_5745



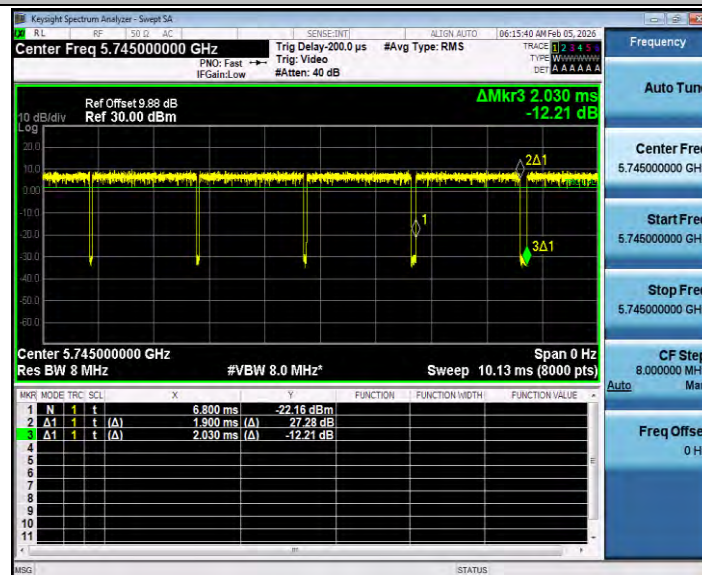
11N20SISO_Ant1_5785



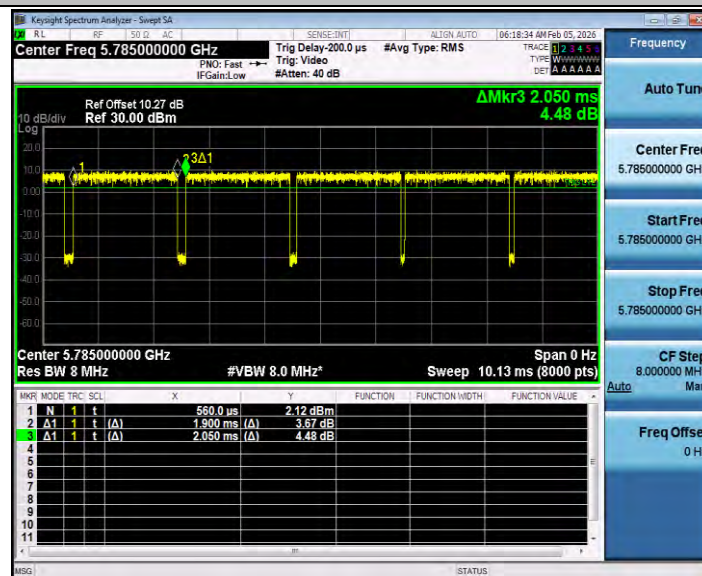


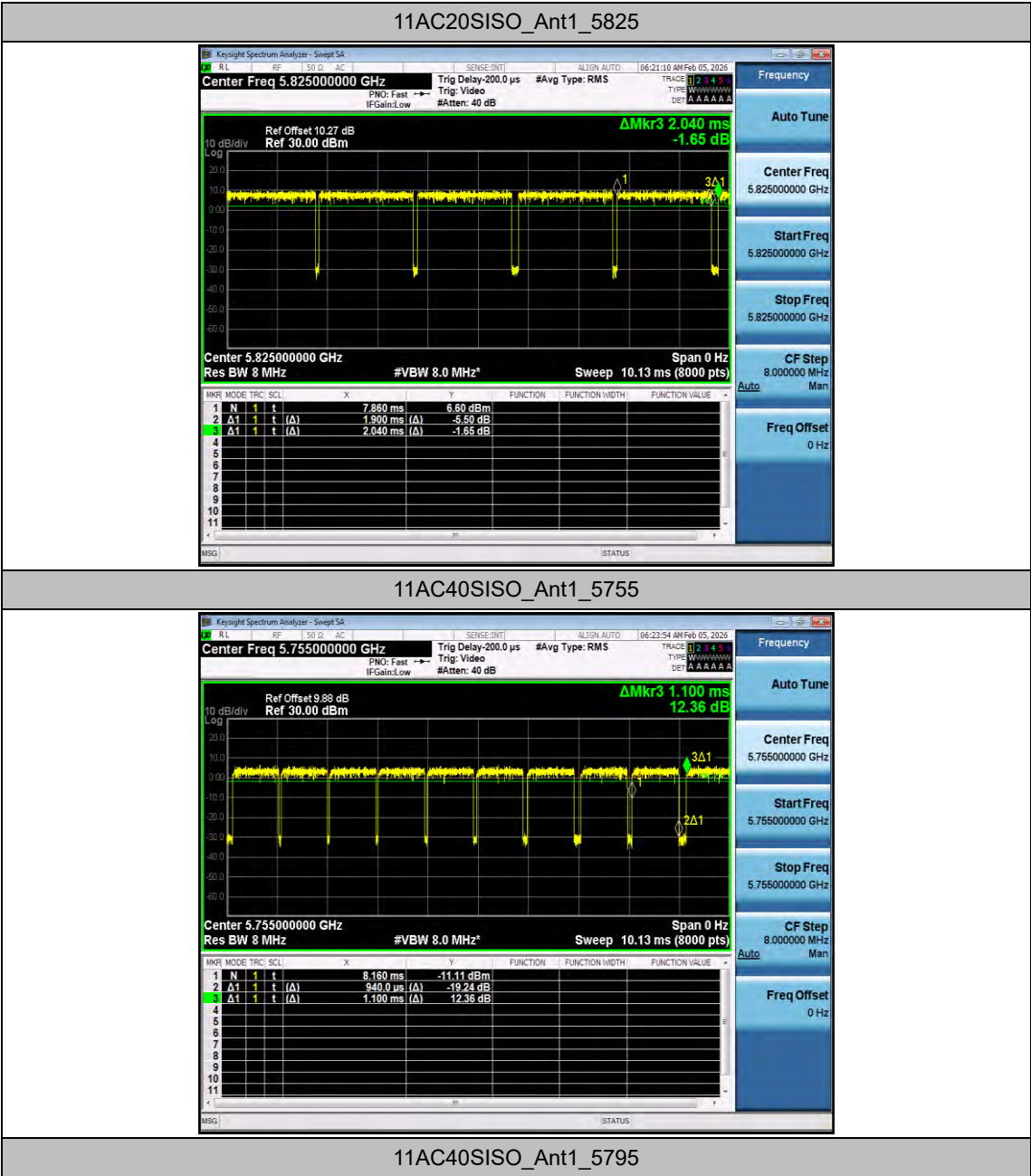


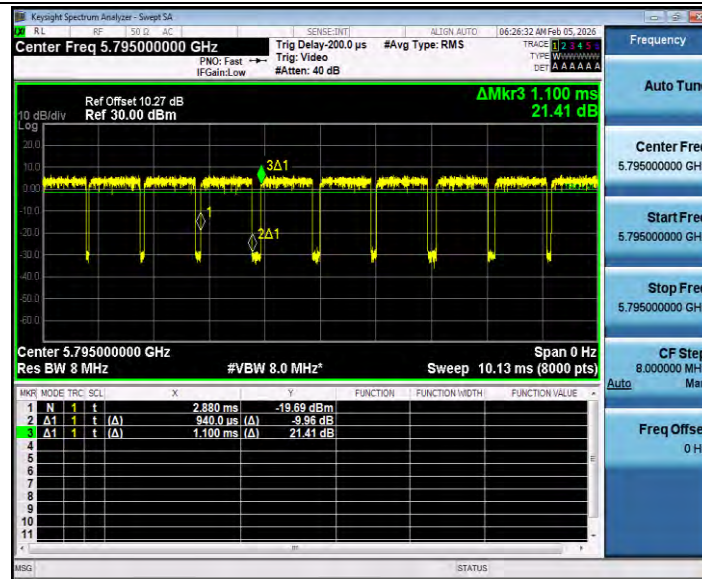
11AC20SISO_Ant1_5745



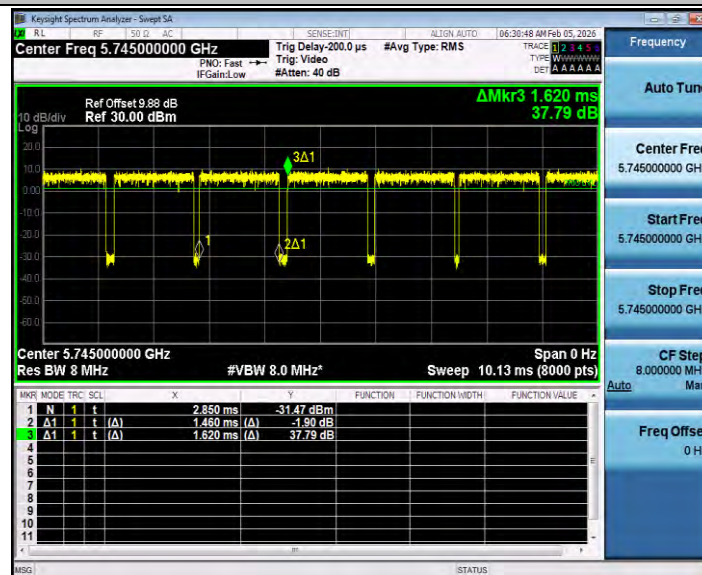
11AC20SISO_Ant1_5785



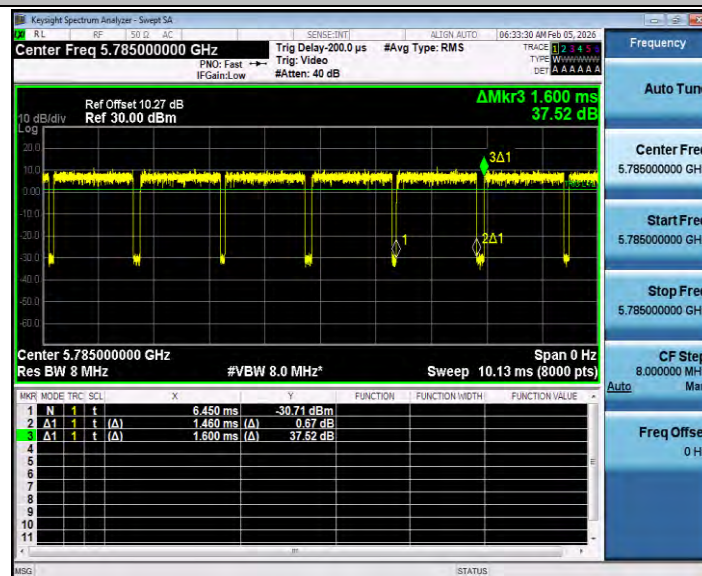


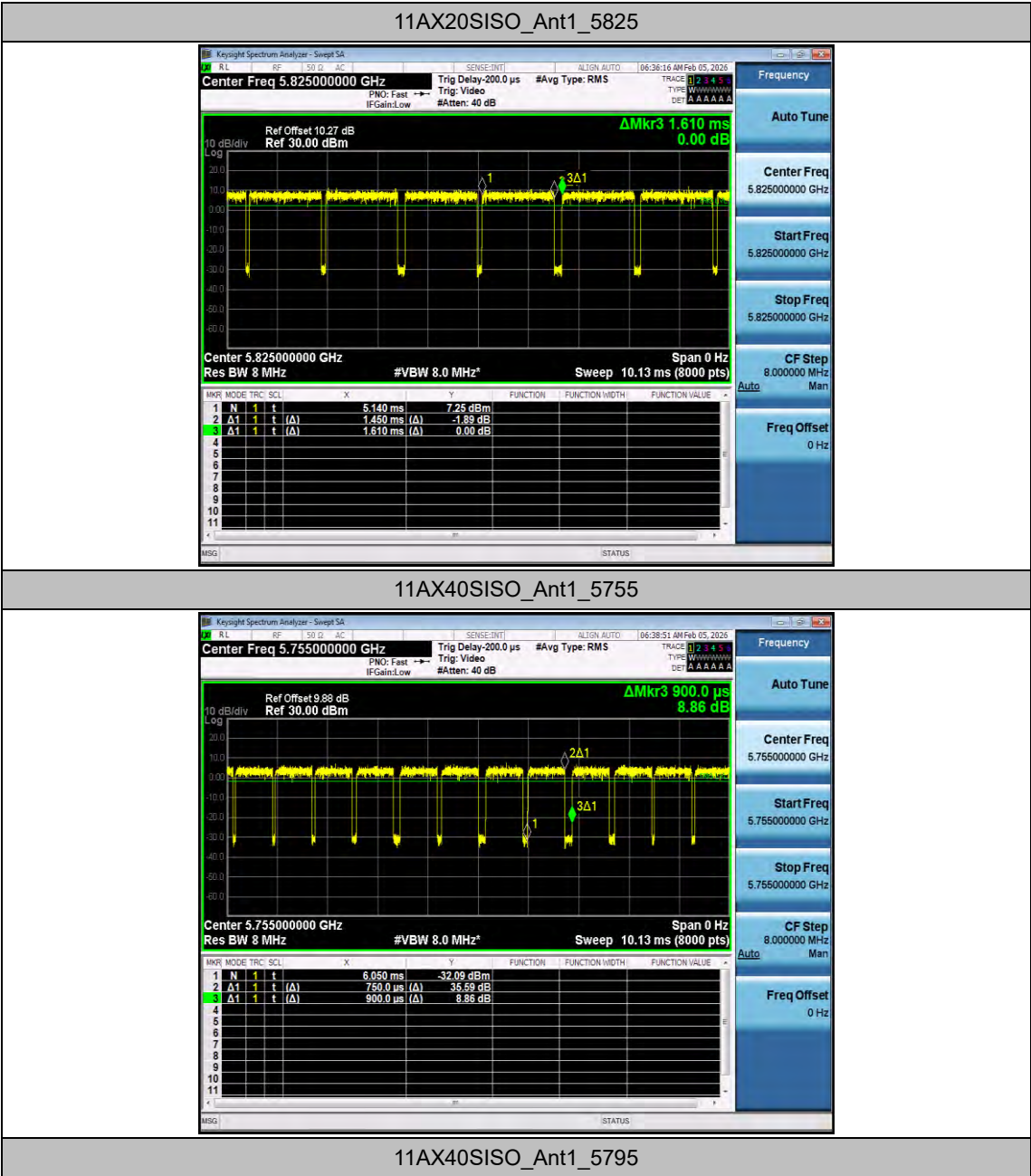


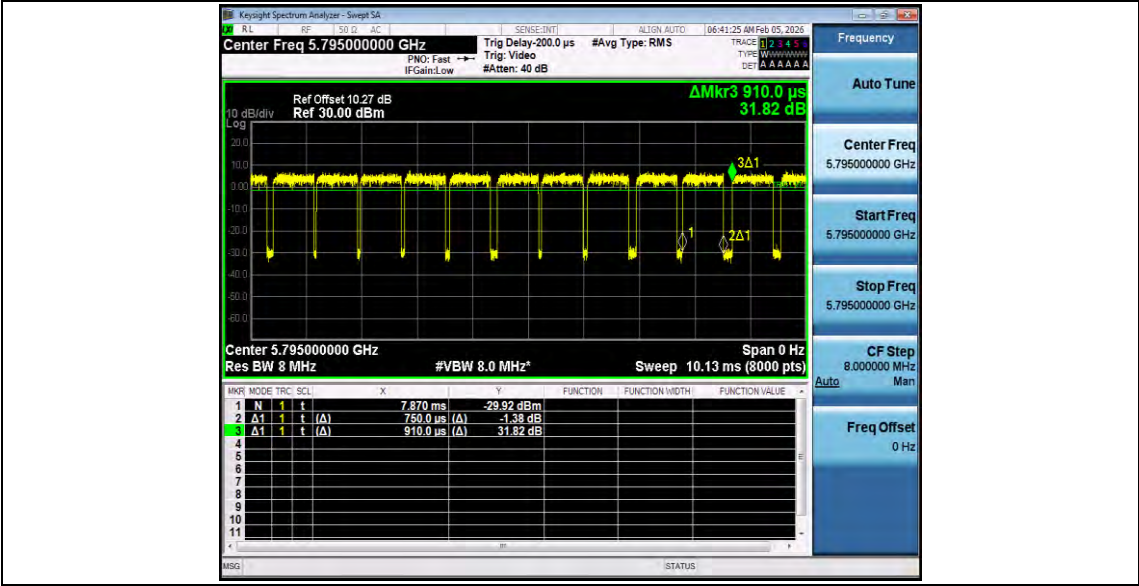
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785







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	5745	10.28	92.27	0.35	10.63	≤30.00	PASS
		5785	10.56	93.98	0.27	10.83	≤30.00	PASS
		5825	11.19	93.58	0.29	11.48	≤30.00	PASS
11N20SISO	Ant1	5745	9.97	92.65	0.33	10.30	≤30.00	PASS
		5785	10.63	91.75	0.37	11.00	≤30.00	PASS
		5825	11.26	92.65	0.33	11.59	≤30.00	PASS
11N40SISO	Ant1	5755	9.62	88.57	0.53	10.15	≤30.00	PASS
		5795	10.39	86.11	0.65	11.04	≤30.00	PASS
11AC20SISO	Ant1	5745	10.29	93.60	0.29	10.58	≤30.00	PASS
		5785	10.64	92.68	0.33	10.97	≤30.00	PASS
		5825	11.28	93.14	0.31	11.59	≤30.00	PASS
11AC40SISO	Ant1	5755	9.70	85.45	0.68	10.38	≤30.00	PASS
		5795	10.31	85.45	0.68	10.99	≤30.00	PASS
11AX20SISO	Ant1	5745	10.20	90.12	0.45	10.65	≤30.00	PASS
		5785	10.59	91.25	0.40	10.99	≤30.00	PASS
		5825	11.15	90.06	0.45	11.60	≤30.00	PASS
11AX40SISO	Ant1	5755	9.68	83.33	0.79	10.47	≤30.00	PASS
		5795	10.22	82.42	0.84	11.06	≤30.00	PASS

Appendix E.5: Maximum power spectral density

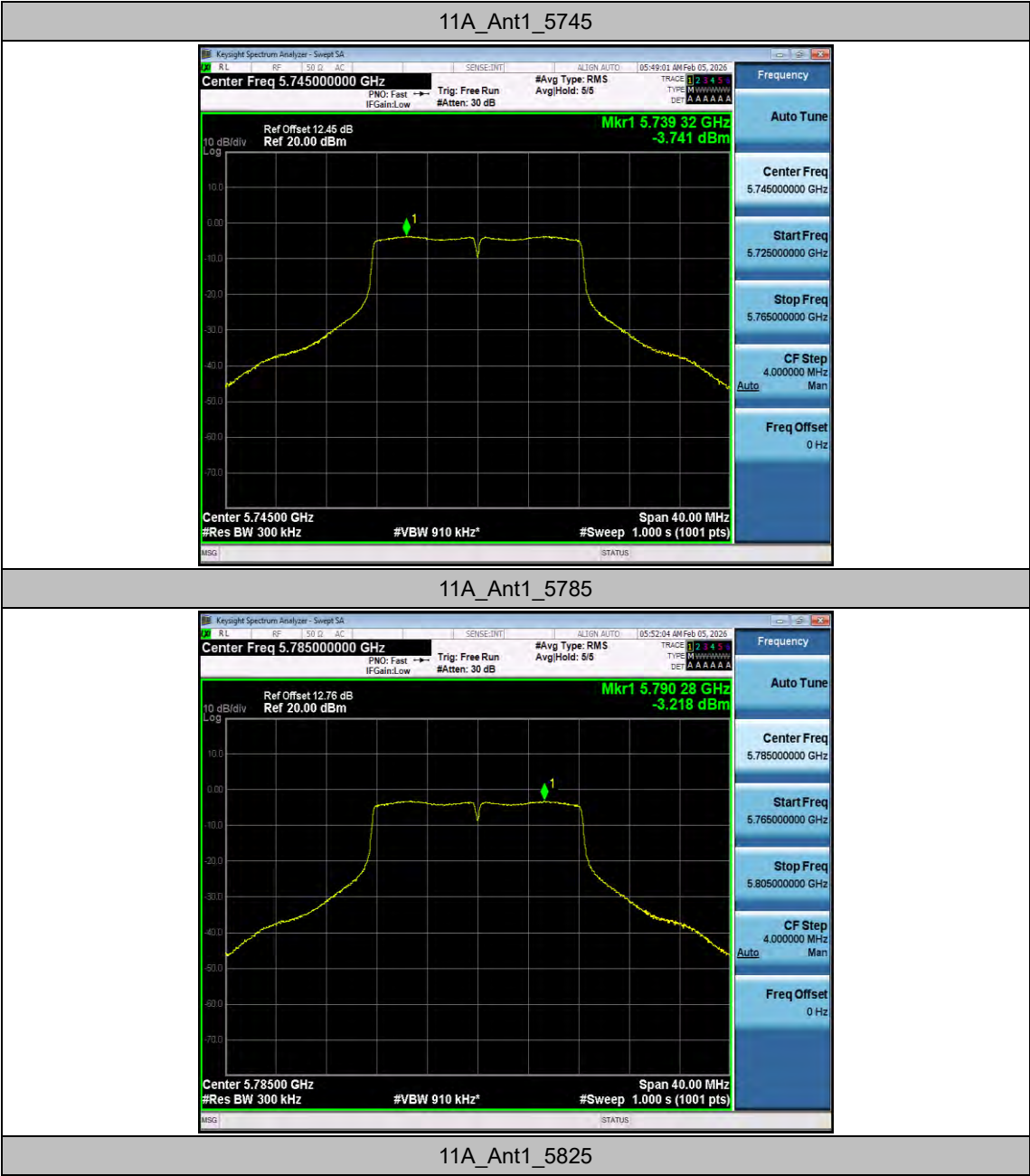
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-3.74	≤30.00	PASS
		5785	-3.22	≤30.00	PASS
		5825	-2.85	≤30.00	PASS
11N20SISO	Ant1	5745	-3.93	≤30.00	PASS
		5785	-3.40	≤30.00	PASS
		5825	-3.04	≤30.00	PASS
11N40SISO	Ant1	5755	-7.35	≤30.00	PASS
		5795	-6.63	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.94	≤30.00	PASS
		5785	-3.33	≤30.00	PASS
		5825	-2.86	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.00	≤30.00	PASS
		5795	-6.57	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.24	≤30.00	PASS
		5785	-3.73	≤30.00	PASS
		5825	-3.18	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.33	≤30.00	PASS
		5795	-6.65	≤30.00	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





11N20SISO_Ant1_5745



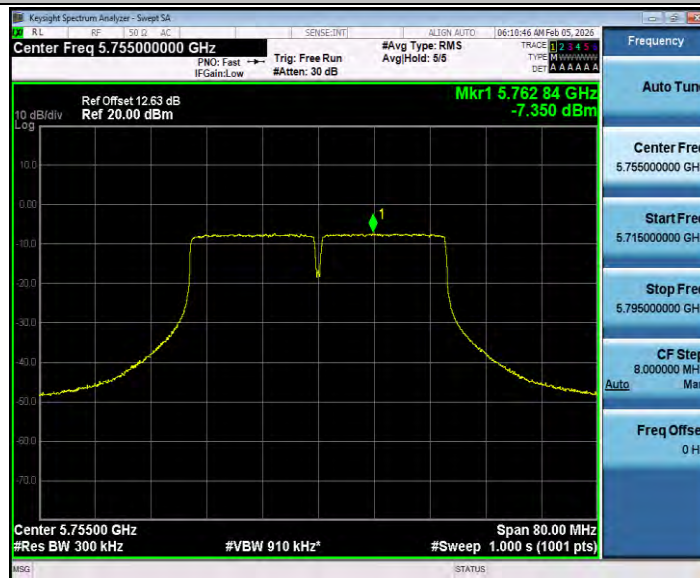
11N20SISO_Ant1_5785



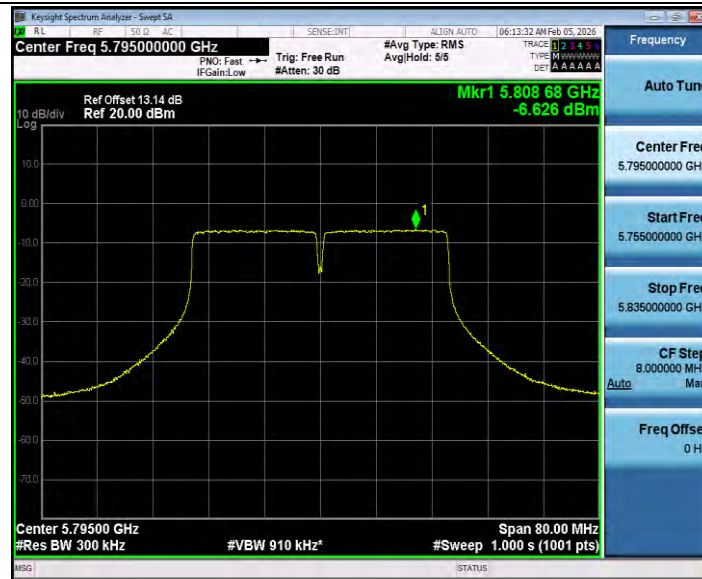
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

