

Case No. : <u>GTS20251206005-5-11</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.1.12</u> Test Engineer: <u>Evan ouyang</u>

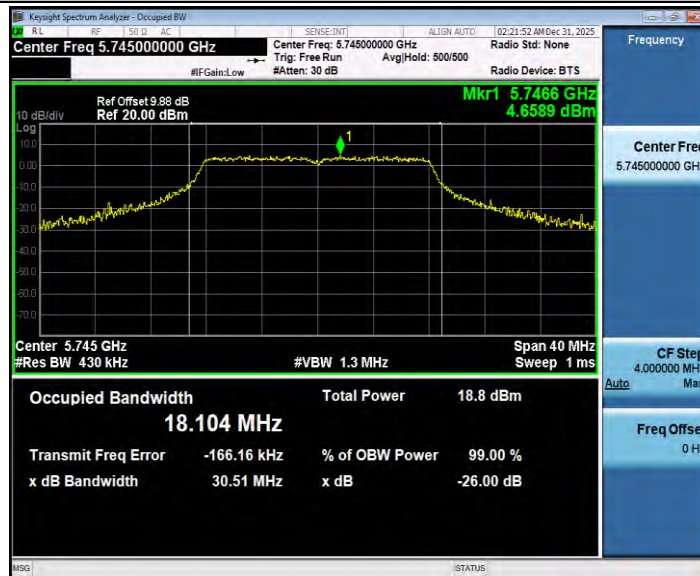
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	18.104	5735.7818	5753.8858	---	---
		5785	18.061	5775.8486	5793.9096	---	---
		5825	18.075	5815.7901	5833.8651	---	---
11N20SISO	Ant2	5745	19.093	5735.3552	5754.4482	---	---
		5785	19.177	5775.3635	5794.5405	---	---
		5825	19.102	5815.3668	5834.4688	---	---
11N40SISO	Ant2	5755	37.832	5735.9346	5773.7666	---	---
		5795	37.733	5776.0522	5813.7852	---	---
11AC20SISO	Ant2	5745	19.097	5735.3890	5754.4860	---	---
		5785	19.096	5775.3982	5794.4942	---	---
		5825	19.134	5815.3533	5834.4873	---	---
11AC40SISO	Ant2	5755	37.900	5735.9702	5773.8702	---	---
		5795	37.821	5775.9873	5813.8083	---	---
11AX20SISO	Ant2	5745	19.662	5735.1054	5754.7674	---	---
		5785	19.707	5775.1002	5794.8072	---	---
		5825	19.754	5815.0359	5834.7899	---	---
11AX40SISO	Ant2	5755	38.556	5735.5962	5774.1522	---	---
		5795	38.718	5775.5468	5814.2648	---	---

Test Graphs

11A_Ant2_5745



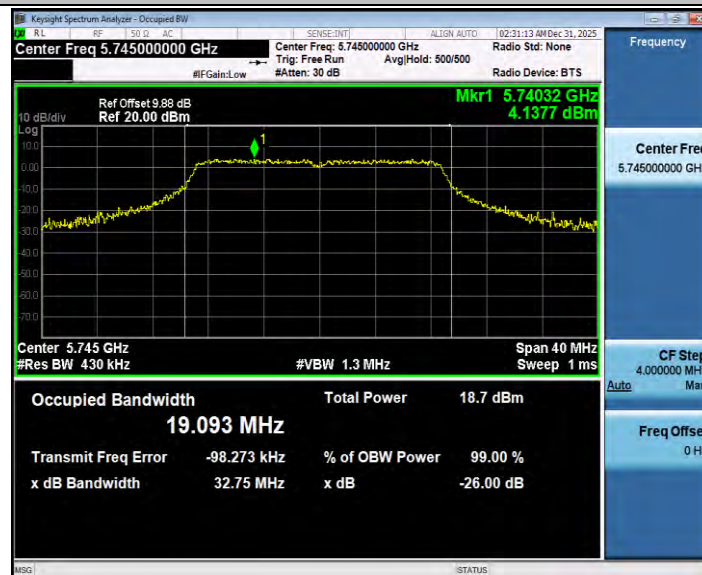
11A_Ant2_5785



11A_Ant2_5825



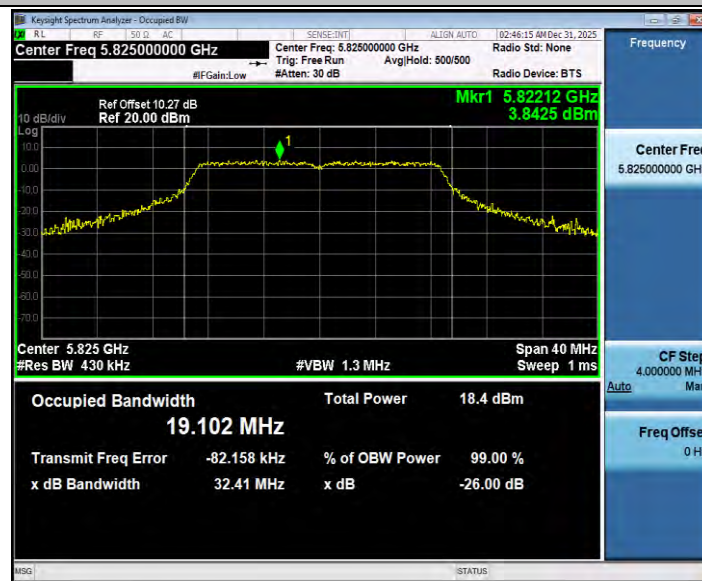
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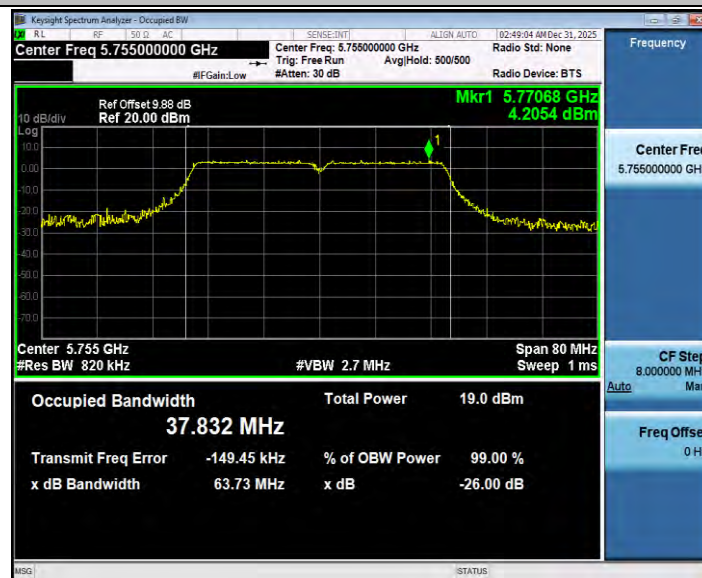
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11N20SISO_Ant2_5825



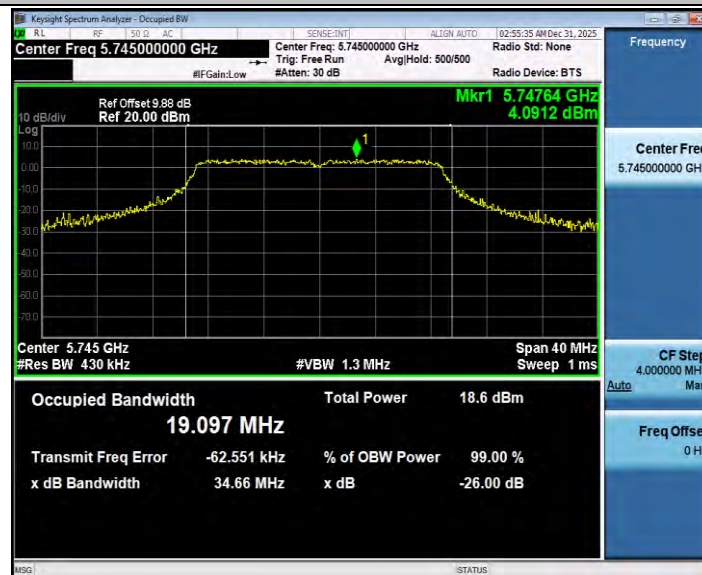
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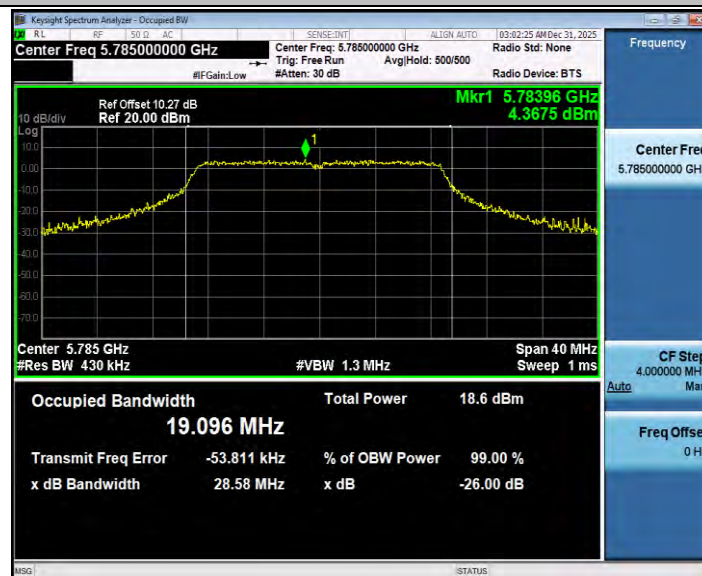
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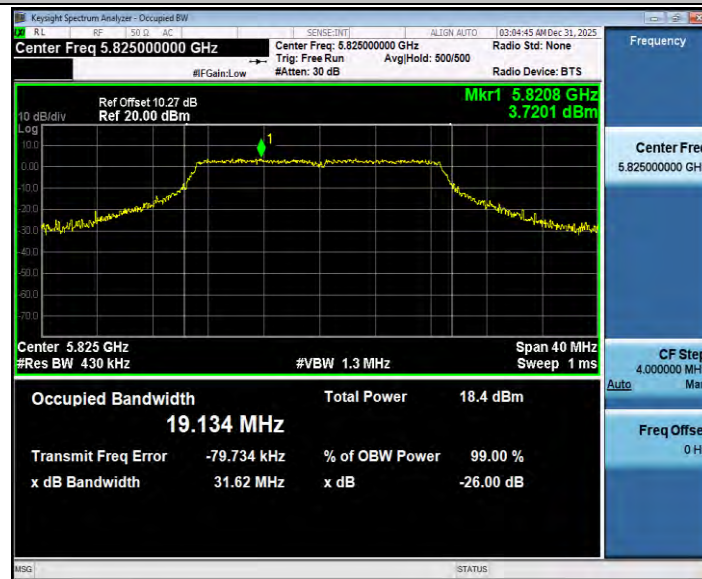
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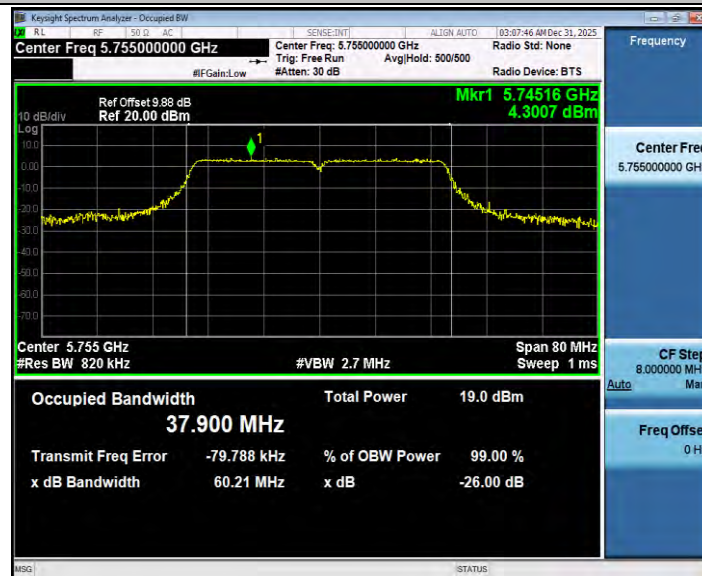
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11AC20SISO_Ant2_5825



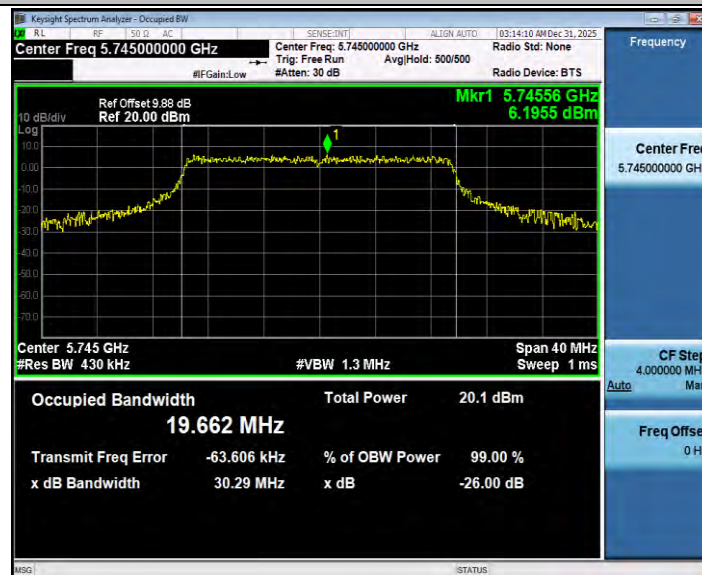
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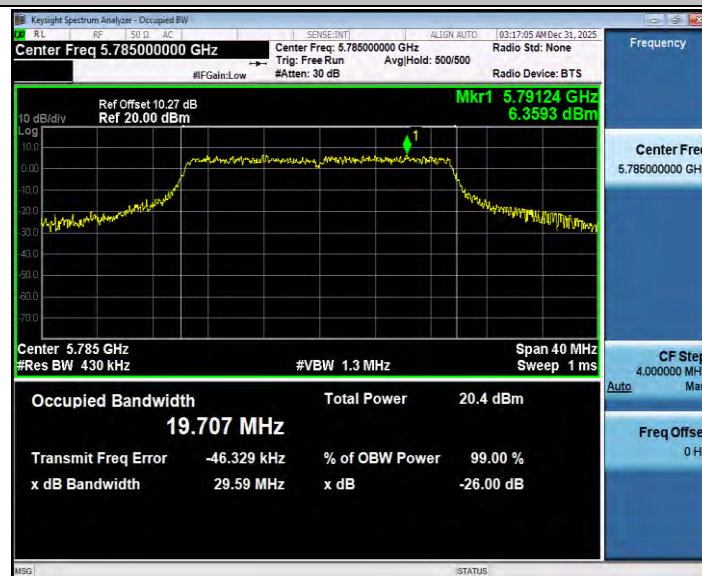
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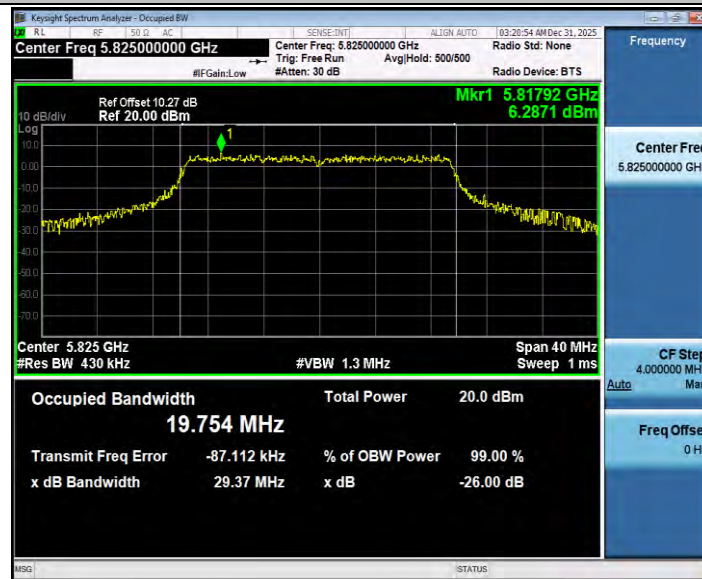
11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



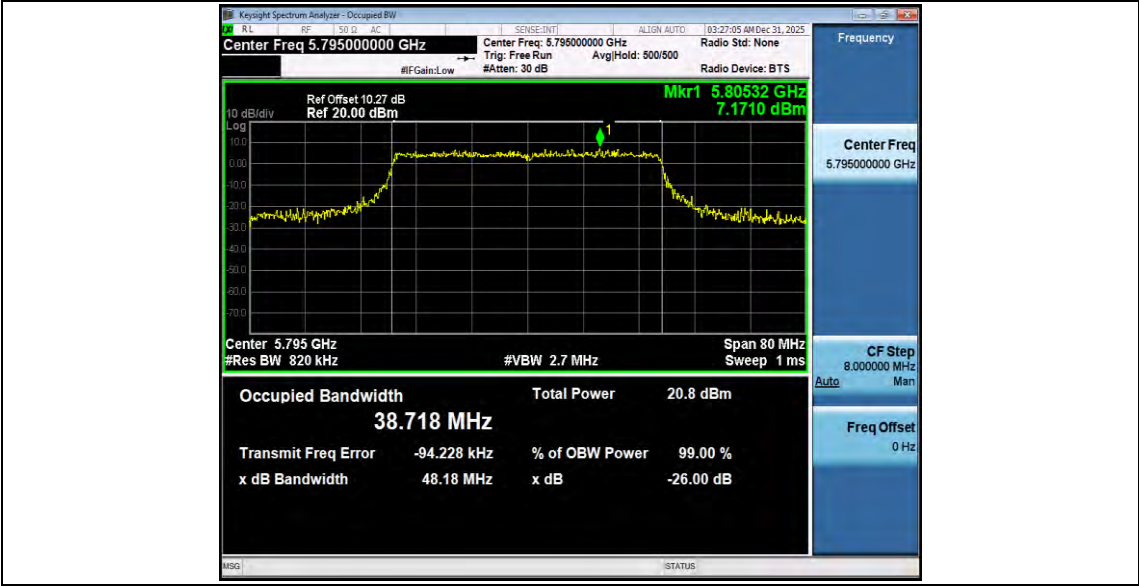
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



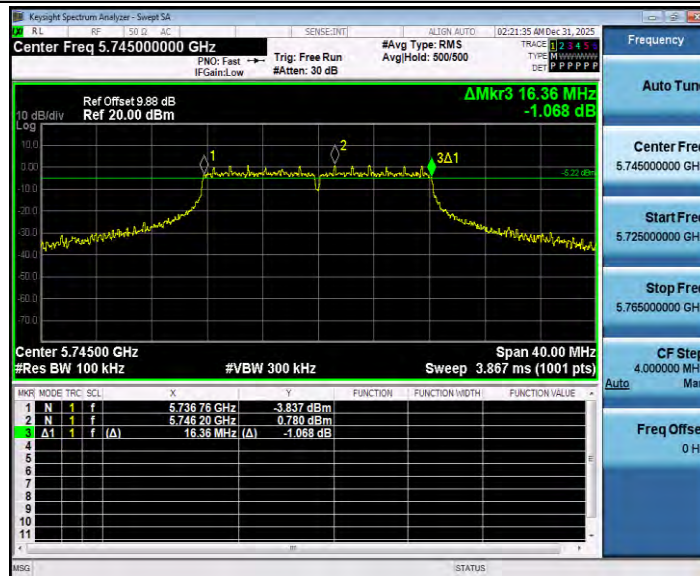
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.360	5736.760	5753.120	0.5	PASS
		5785	16.360	5776.760	5793.120	0.5	PASS
		5825	16.360	5816.760	5833.120	0.5	PASS
11N20SISO	Ant2	5745	17.600	5736.120	5753.720	0.5	PASS
		5785	17.640	5776.120	5793.760	0.5	PASS
		5825	17.600	5816.120	5833.720	0.5	PASS
11N40SISO	Ant2	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC20SISO	Ant2	5745	17.600	5736.120	5753.720	0.5	PASS
		5785	17.560	5776.160	5793.720	0.5	PASS
		5825	17.600	5816.120	5833.720	0.5	PASS
11AC40SISO	Ant2	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AX20SISO	Ant2	5745	19.000	5735.440	5754.440	0.5	PASS
		5785	18.960	5775.440	5794.400	0.5	PASS
		5825	18.960	5815.440	5834.400	0.5	PASS
11AX40SISO	Ant2	5755	38.000	5735.880	5773.880	0.5	PASS
		5795	38.080	5775.880	5813.960	0.5	PASS

Test Graphs B4

11A_Ant2_5745



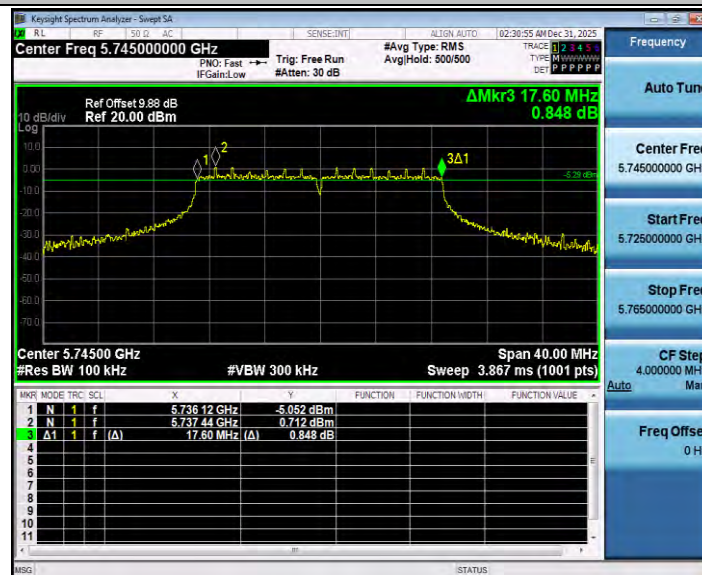
11A_Ant2_5785



11A_Ant2_5825



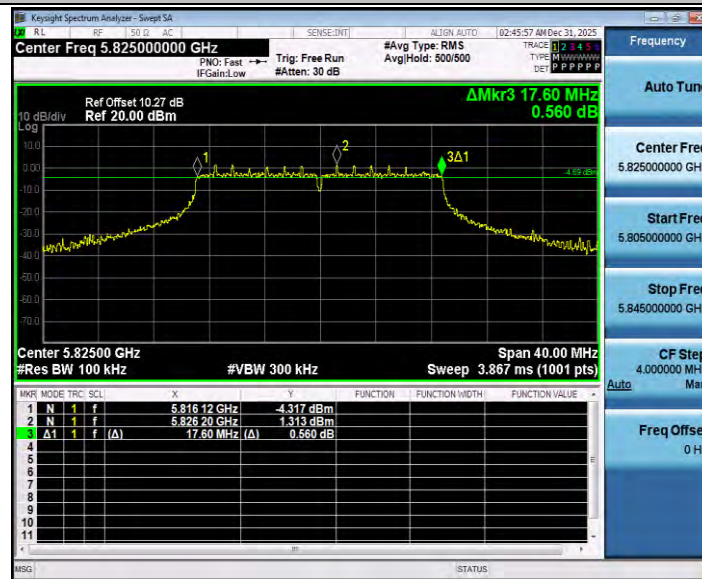
11N20SISO_Ant2_5745



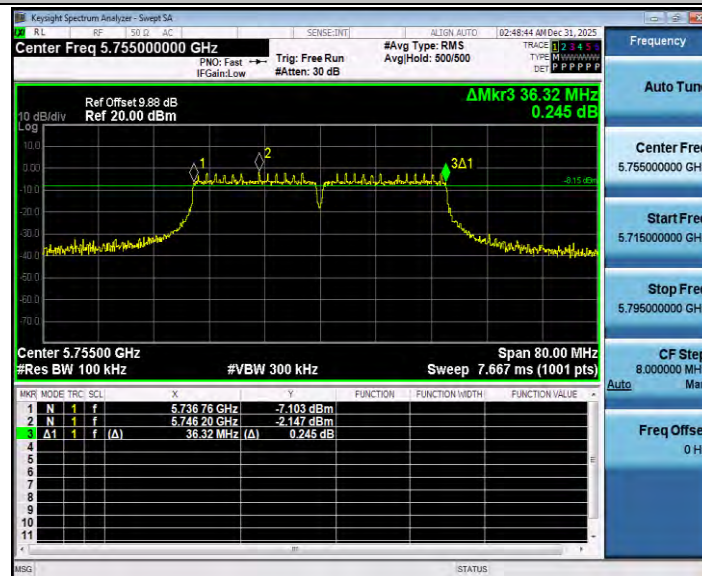
11N20SISO_Ant2_5785



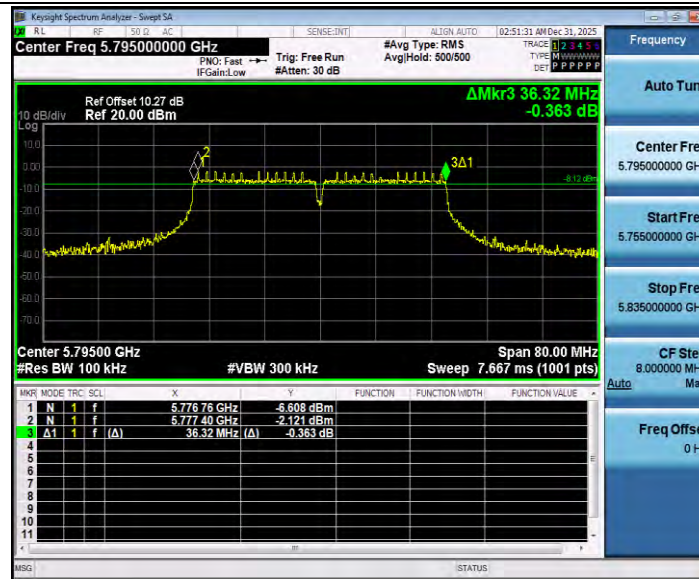
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795

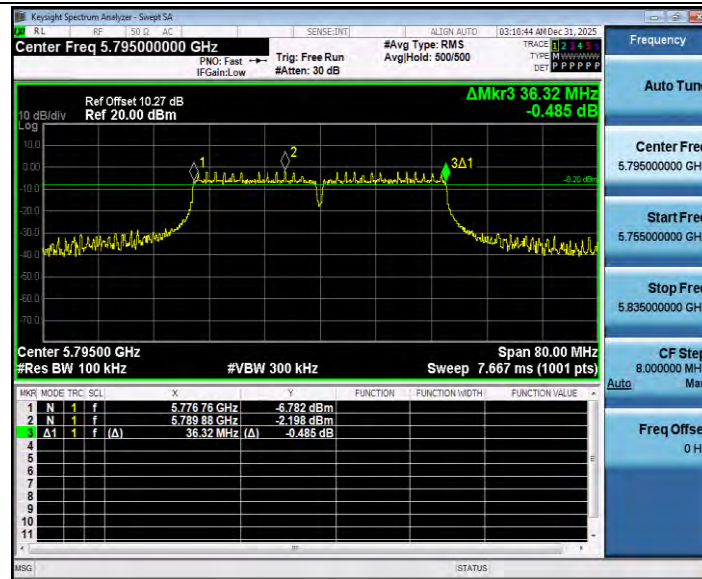


11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785

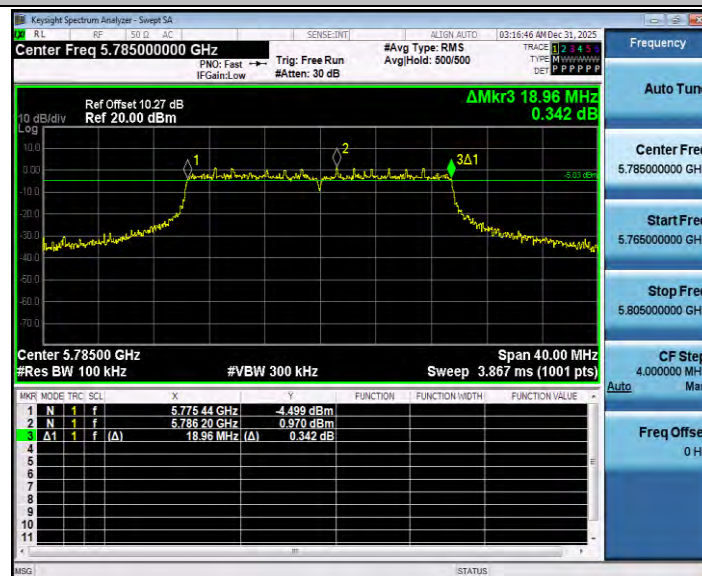




11AX20SISO_Ant2_5745



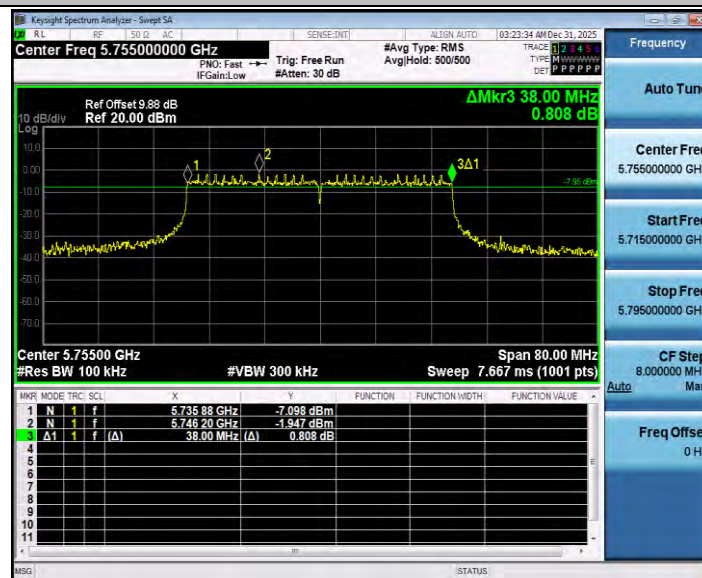
11AX20SISO_Ant2_5785



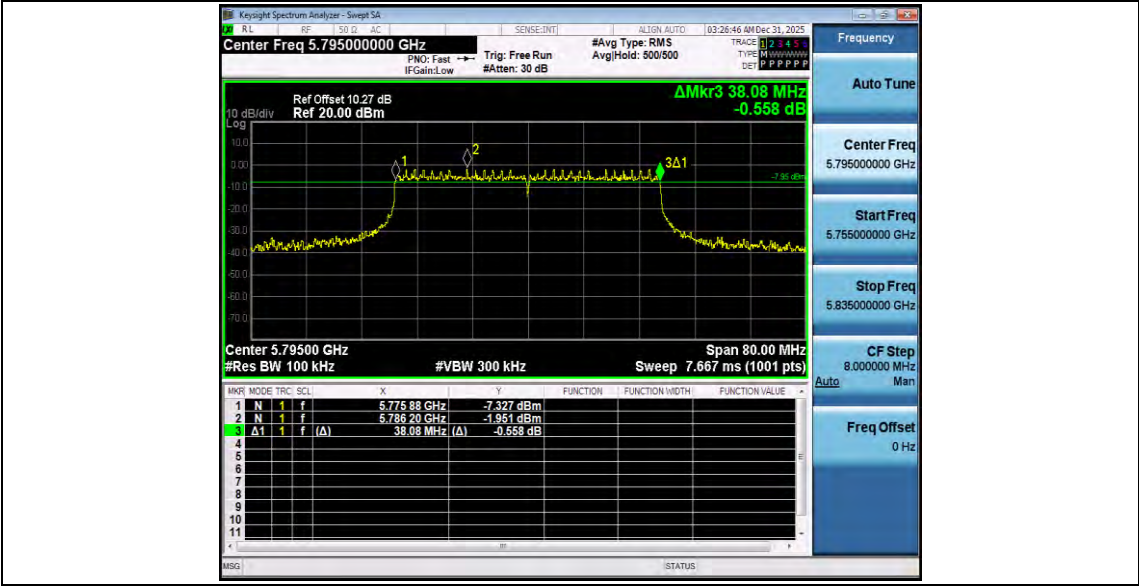
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795

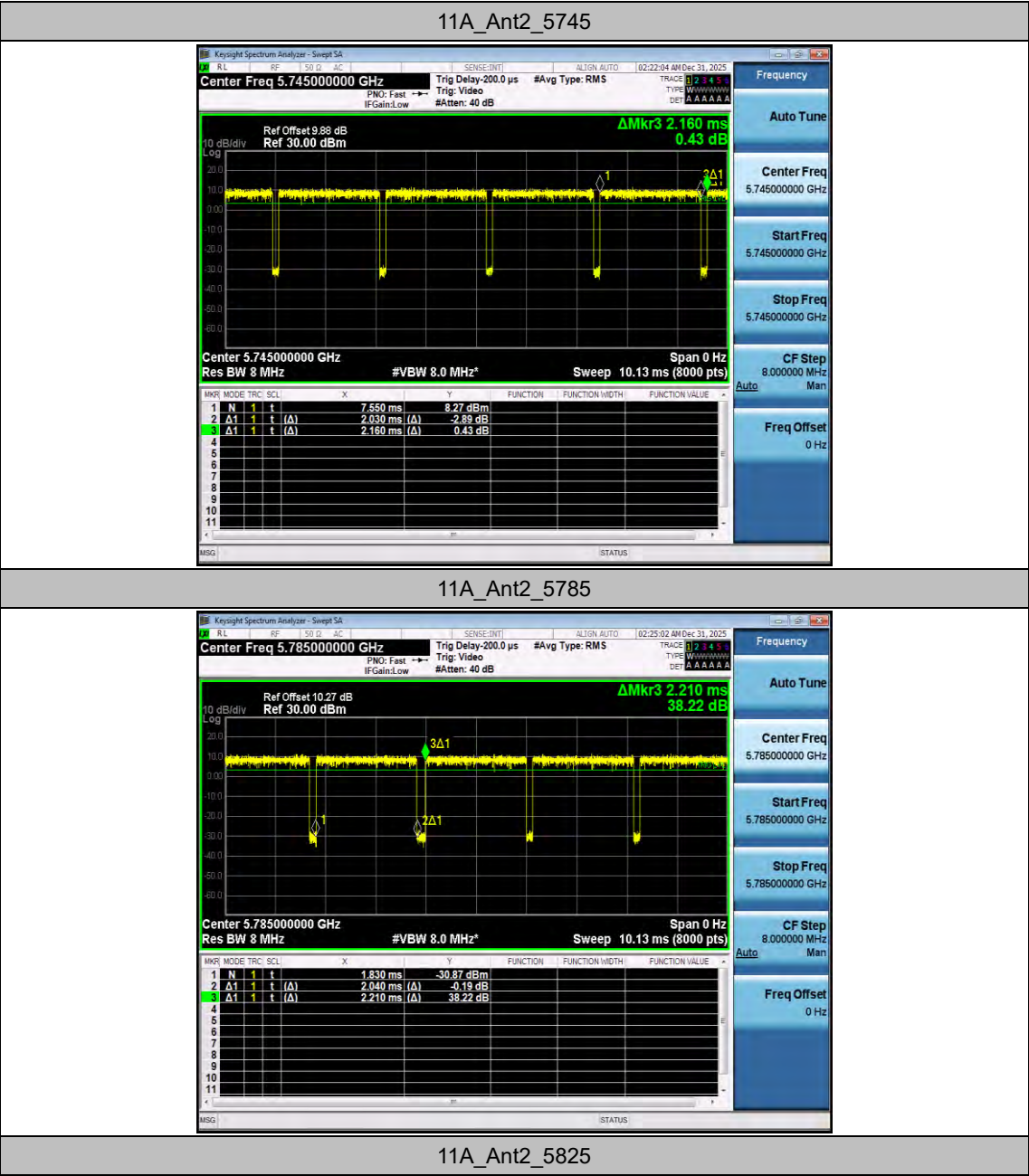


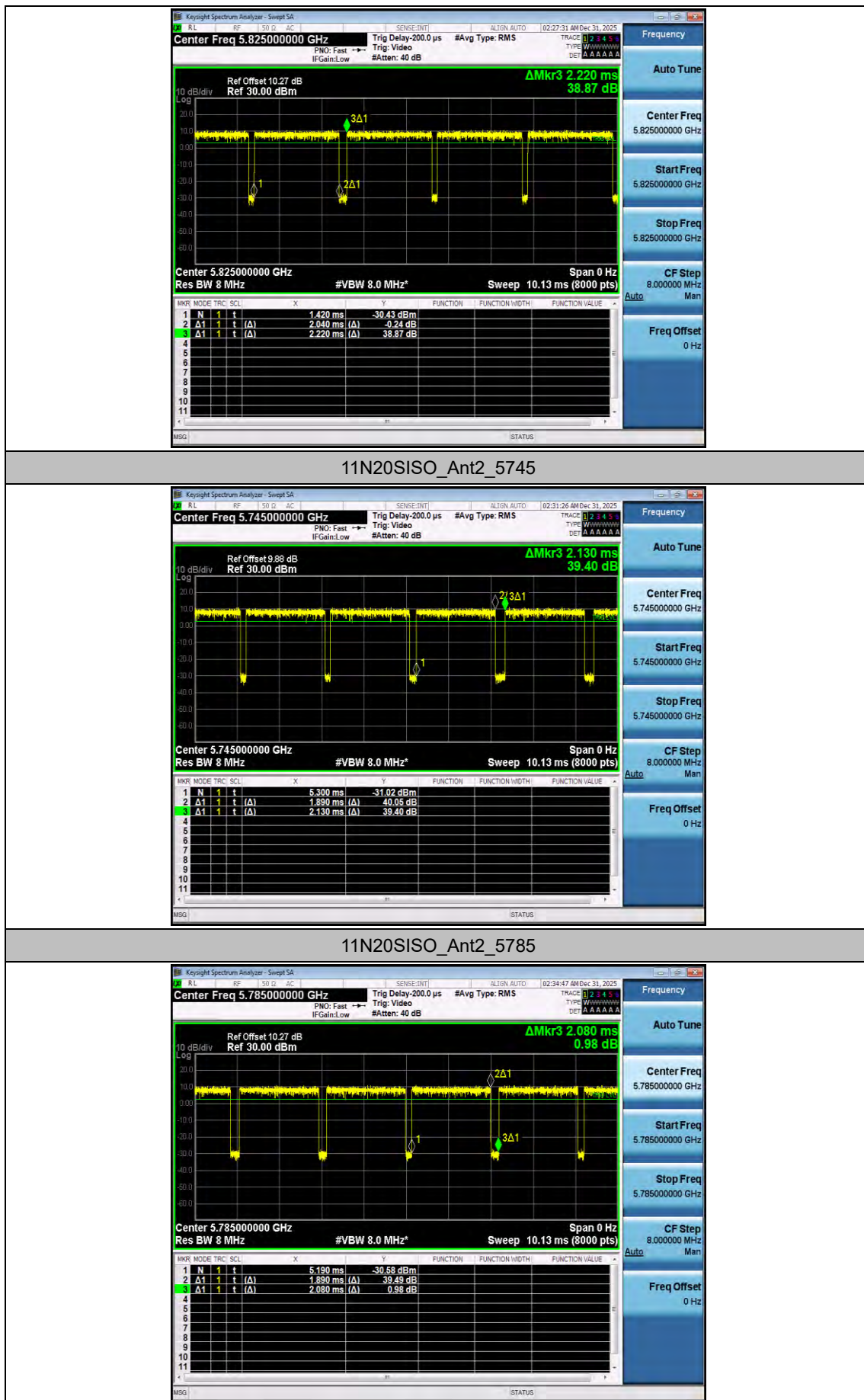
Appendix E.3: Duty Cycle

Test Result

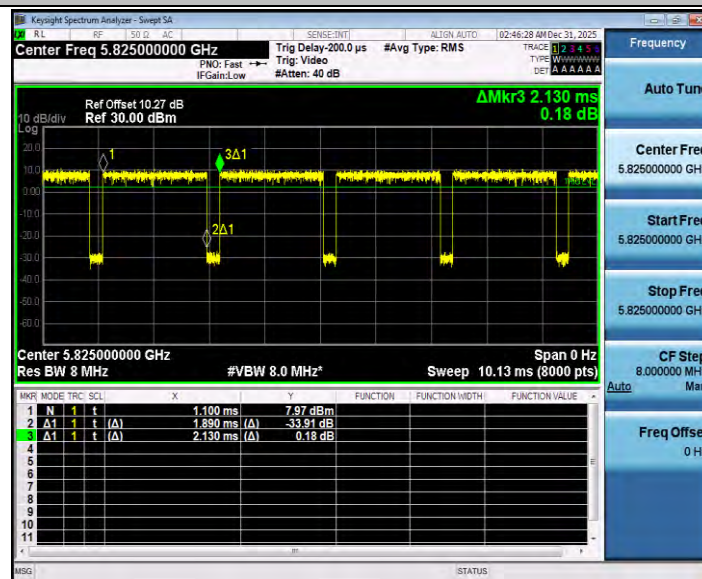
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	2.03	2.16	93.98	0.27	0.49
		5785	2.04	2.21	92.31	0.35	0.49
		5825	2.04	2.22	91.89	0.37	0.49
11N20SISO	Ant2	5745	1.89	2.13	88.73	0.52	0.53
		5785	1.89	2.08	90.87	0.42	0.53
		5825	1.89	2.13	88.73	0.52	0.53
11N40SISO	Ant2	5755	0.93	1.16	80.17	0.96	1.08
		5795	0.93	1.28	72.66	1.39	1.08
11AC20SISO	Ant2	5745	1.90	2.11	90.05	0.46	0.53
		5785	1.90	2.13	89.20	0.50	0.53
		5825	1.90	2.09	90.91	0.41	0.53
11AC40SISO	Ant2	5755	0.93	1.11	83.78	0.77	1.08
		5795	0.94	1.11	84.68	0.72	1.06
11AX20SISO	Ant2	5745	1.46	1.70	85.88	0.66	0.68
		5785	1.46	1.79	81.56	0.89	0.68
		5825	1.46	1.70	85.88	0.66	0.68
11AX40SISO	Ant2	5755	0.76	0.94	80.85	0.92	1.32
		5795	0.76	0.98	77.55	1.10	1.32

Test Graphs

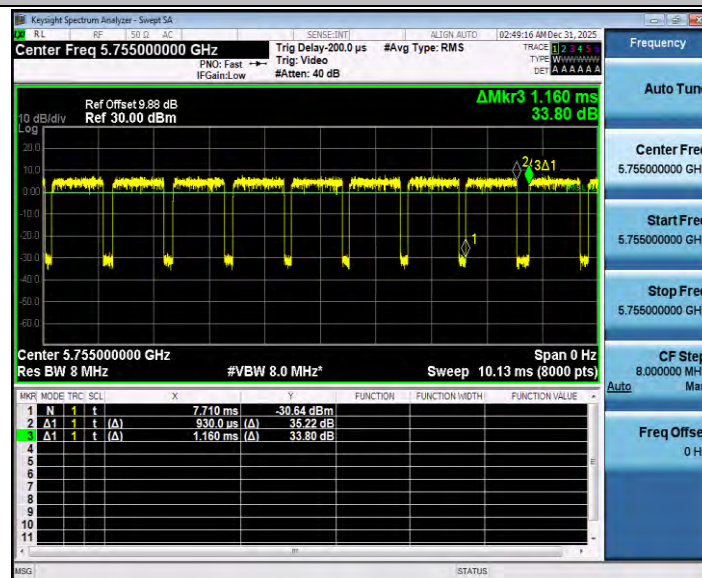




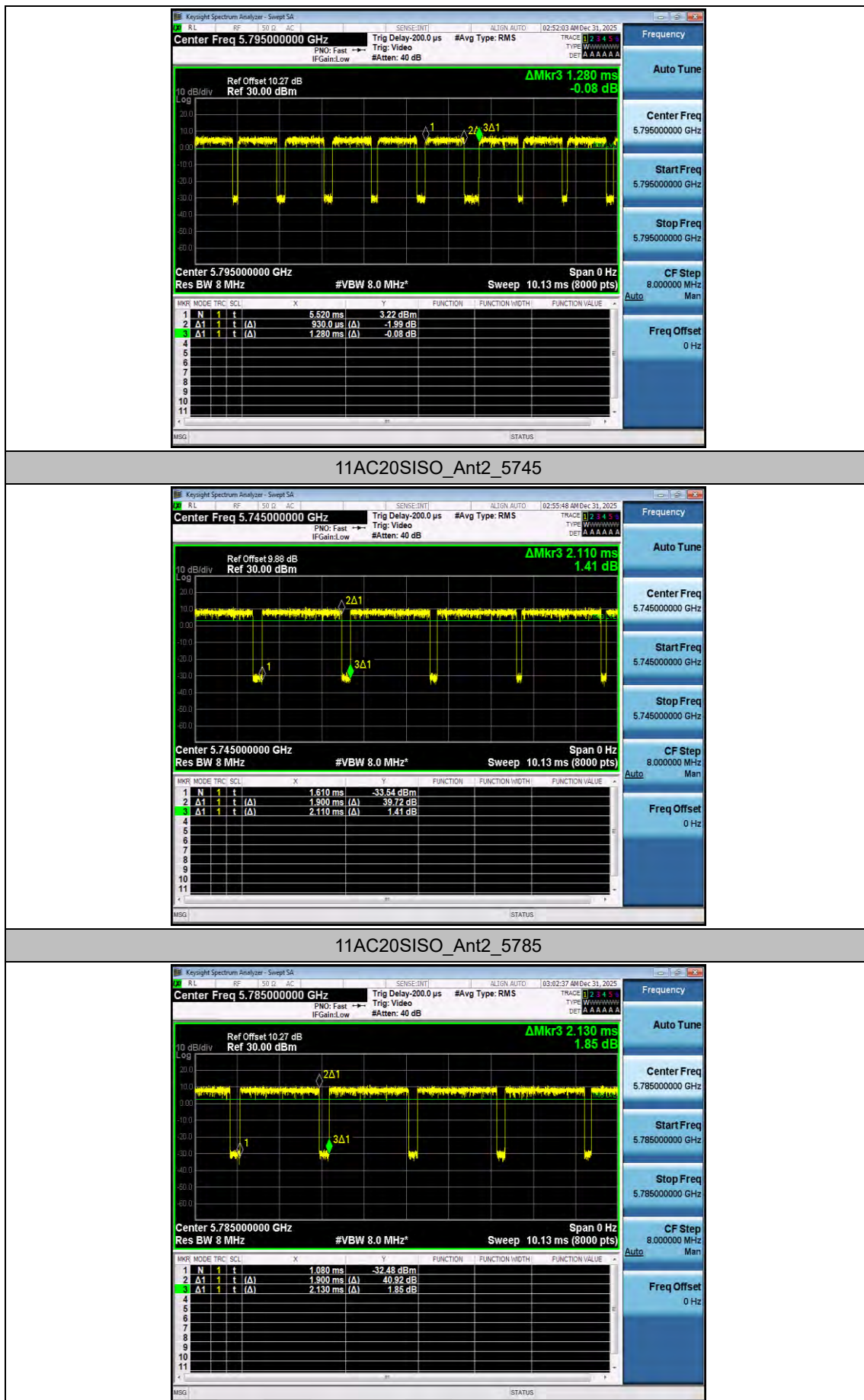
11N20SISO_Ant2_5825



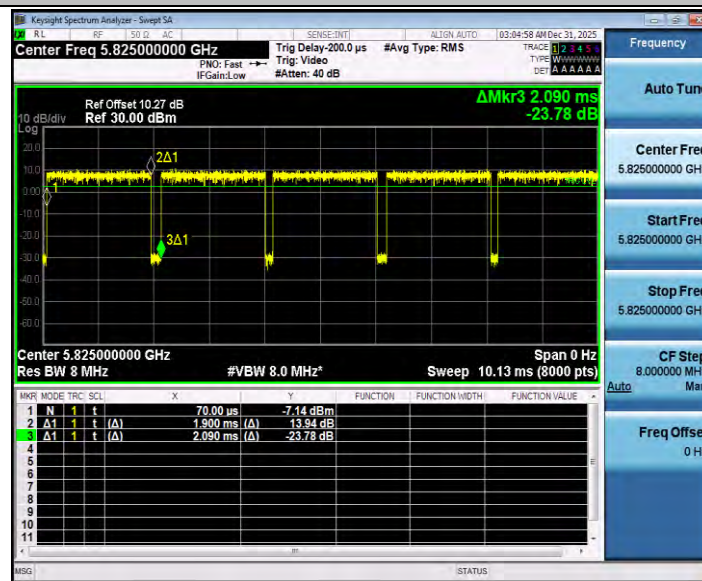
11N40SISO_Ant2_5755



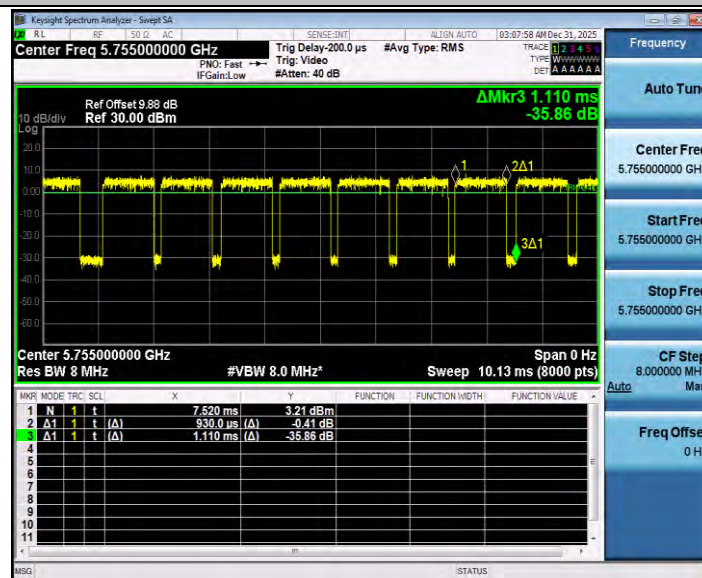
11N40SISO_Ant2_5795



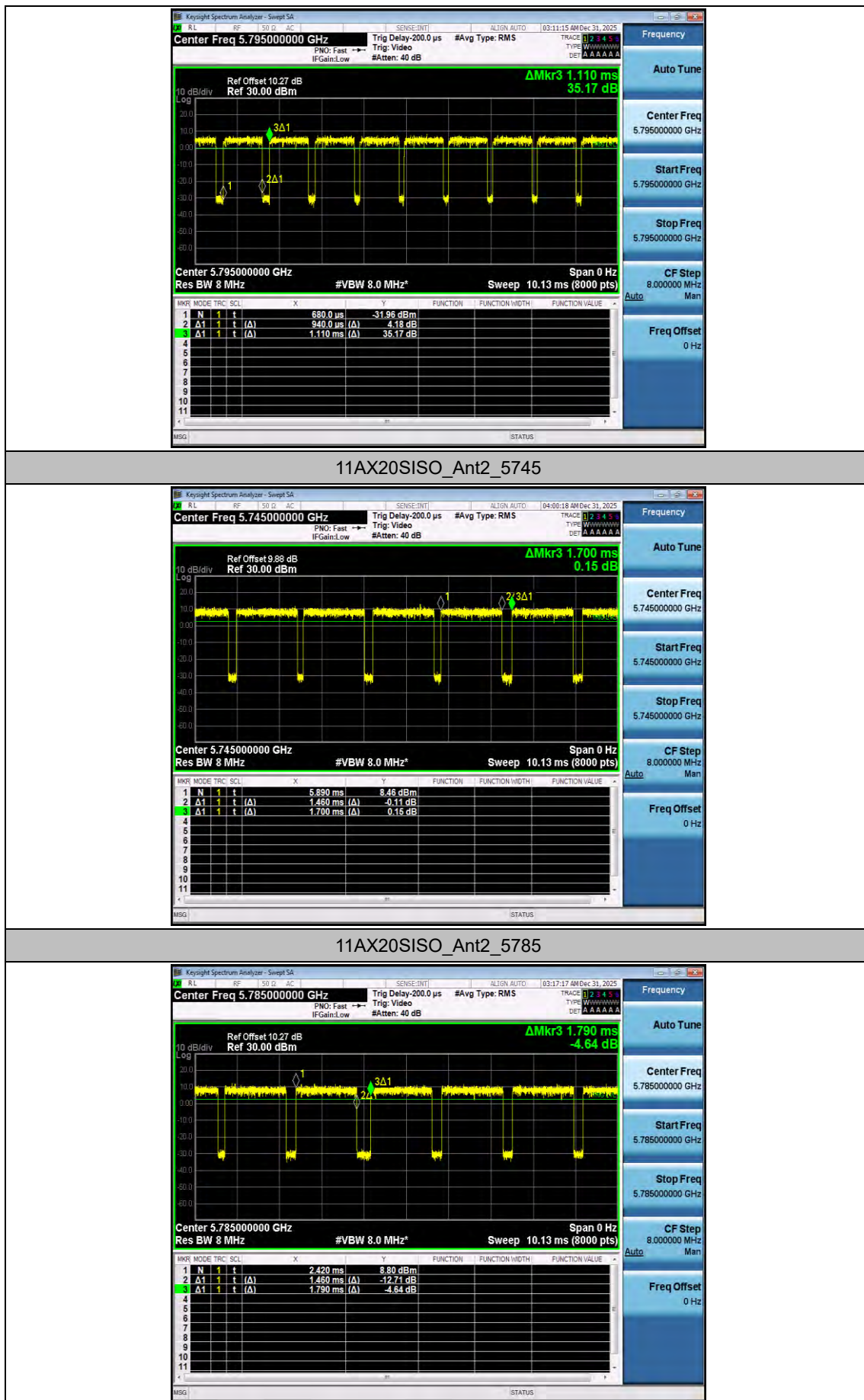
11AC20SISO_Ant2_5825

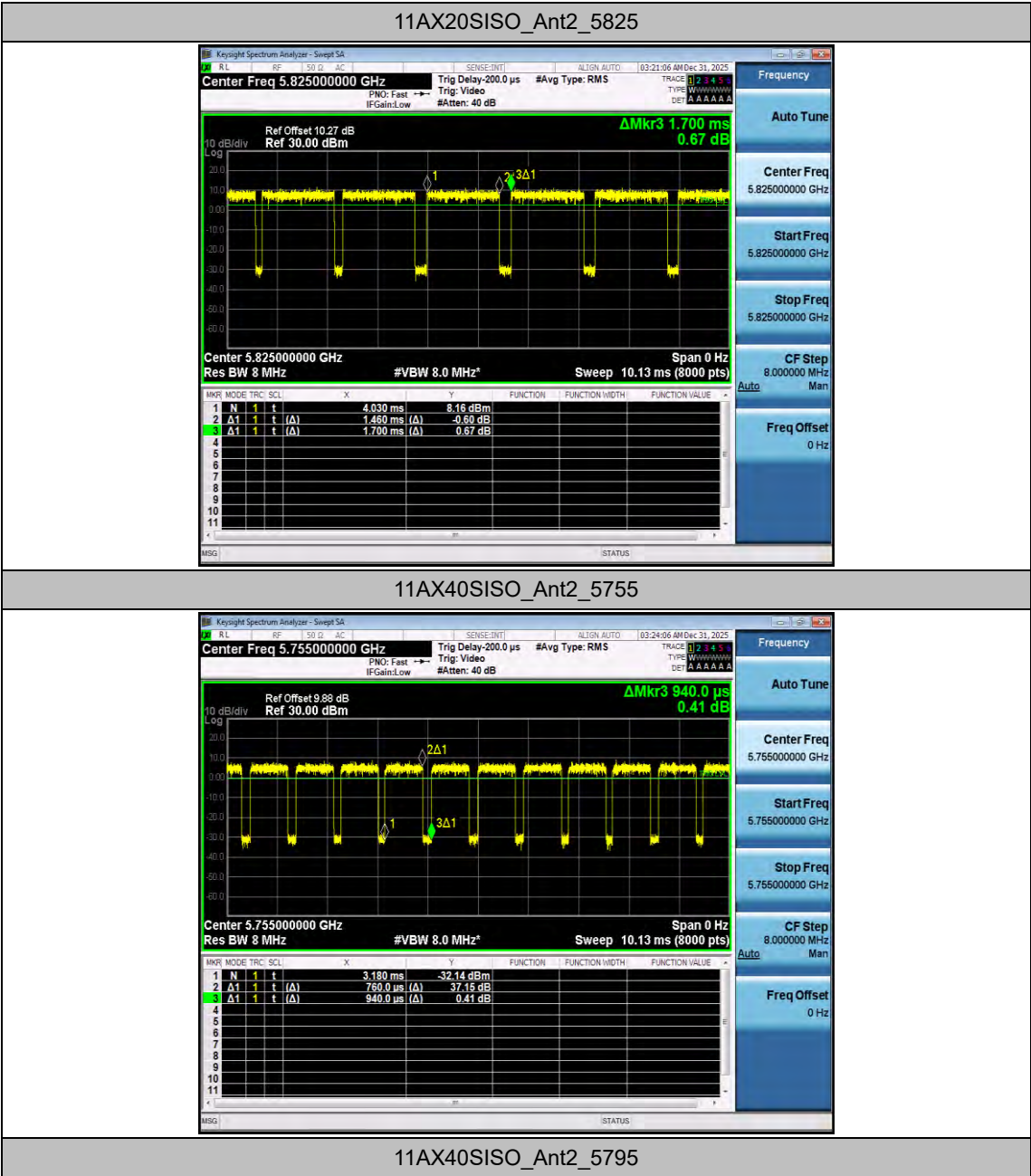


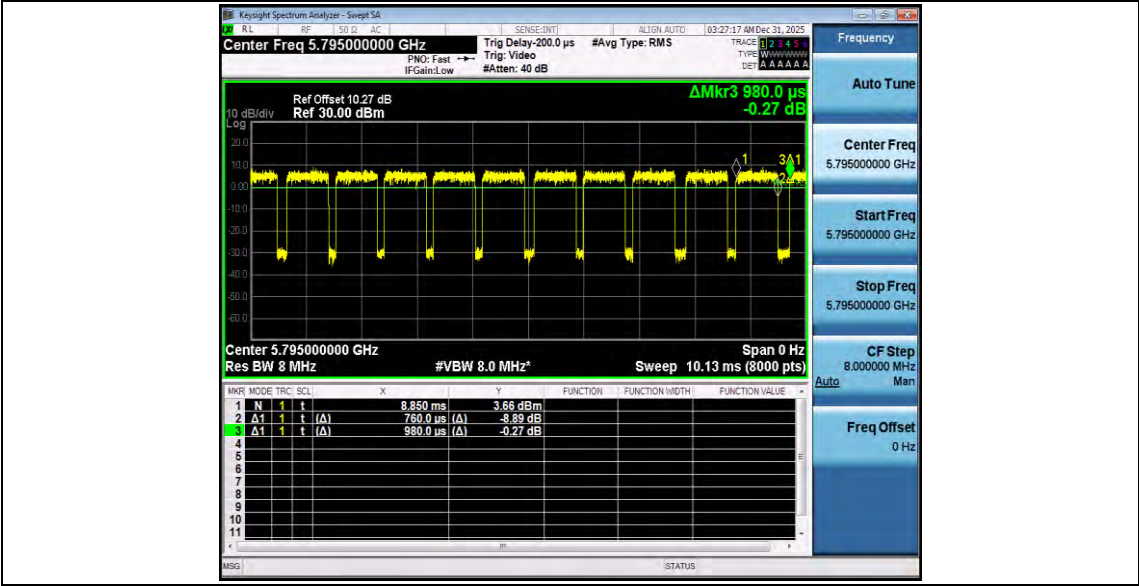
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795







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	Ant2	5745	11.56	93.98	0.27	11.83	≤30.00	PASS
		5785	11.15	92.31	0.35	11.50	≤30.00	PASS
		5825	11.14	91.89	0.37	11.51	≤30.00	PASS
11N20SISO	Ant2	5745	11.40	88.73	0.52	11.92	≤30.00	PASS
		5785	11.33	90.87	0.42	11.75	≤30.00	PASS
		5825	11.13	88.73	0.52	11.65	≤30.00	PASS
11N40SISO	Ant2	5755	11.04	80.17	0.96	12.00	≤30.00	PASS
		5795	11.13	72.66	1.39	12.52	≤30.00	PASS
11AC20SISO	Ant2	5745	11.55	90.05	0.46	12.01	≤30.00	PASS
		5785	11.45	89.20	0.50	11.95	≤30.00	PASS
		5825	11.23	90.91	0.41	11.64	≤30.00	PASS
11AC40SISO	Ant2	5755	11.05	83.78	0.77	11.82	≤30.00	PASS
		5795	11.09	84.68	0.72	11.81	≤30.00	PASS
11AX20SISO	Ant2	5745	11.46	73.87	1.32	12.78	≤30.00	PASS
		5785	11.61	81.56	0.89	12.50	≤30.00	PASS
		5825	11.33	85.88	0.66	11.99	≤30.00	PASS
11AX40SISO	Ant2	5755	11.09	80.85	0.92	12.01	≤30.00	PASS
		5795	11.33	77.55	1.10	12.43	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-2.59	≤30.00	PASS
		5785	-2.50	≤30.00	PASS
		5825	-2.83	≤30.00	PASS
11N20SISO	Ant2	5745	-2.62	≤30.00	PASS
		5785	-2.64	≤30.00	PASS
		5825	-2.97	≤30.00	PASS
11N40SISO	Ant2	5755	-5.48	≤30.00	PASS
		5795	-5.10	≤30.00	PASS
11AC20SISO	Ant2	5745	-2.78	≤30.00	PASS
		5785	-2.62	≤30.00	PASS
		5825	-3.16	≤30.00	PASS
11AC40SISO	Ant2	5755	-5.69	≤30.00	PASS
		5795	-5.45	≤30.00	PASS
11AX20SISO	Ant2	5745	-2.23	≤30.00	PASS
		5785	-2.43	≤30.00	PASS
		5825	-3.07	≤30.00	PASS
11AX40SISO	Ant2	5755	-5.85	≤30.00	PASS
		5795	-5.49	≤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

11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



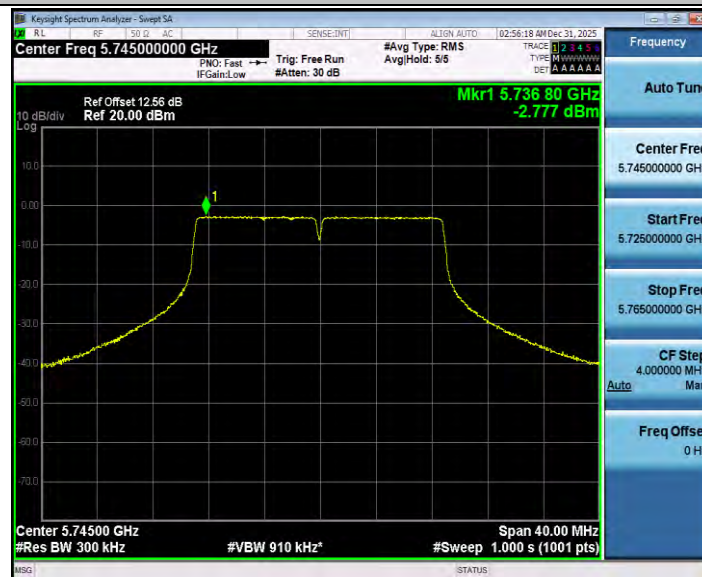
11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



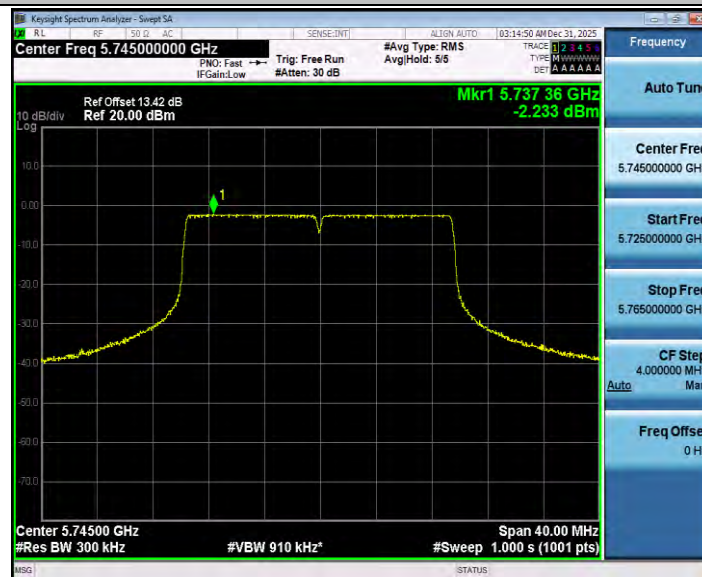
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795

