

Case No. : <u>GTS20251018005-2-04</u>
Ambient Condition: <u>23</u> °C, <u>48</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.10.24-2025.11.17</u> Test Engineer: <u>Evan ouyang</u>

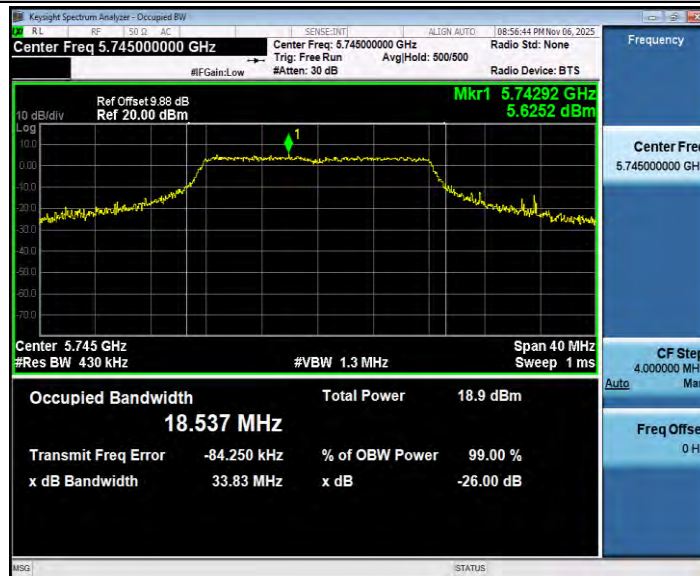
Appendix G.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.537	5735.6473	5754.1843	---	---
		5785	18.169	5775.8768	5794.0458	---	---
		5825	18.028	5815.8583	5833.8863	---	---
11N20SISO	Ant1	5745	19.319	5735.2442	5754.5632	---	---
		5785	19.181	5775.3415	5794.5225	---	---
		5825	19.197	5815.3691	5834.5661	---	---
11N40SISO	Ant1	5755	38.148	5735.8303	5773.9783	---	---
		5795	37.888	5775.9821	5813.8701	---	---
11AC20SISO	Ant1	5745	19.292	5735.2819	5754.5739	---	---
		5785	19.176	5775.4228	5794.5988	---	---
		5825	19.117	5815.4342	5834.5512	---	---
11AC40SISO	Ant1	5755	38.277	5735.7359	5774.0129	---	---
		5795	37.921	5776.0144	5813.9354	---	---
11AC80SISO	Ant1	5775	77.930	5735.7861	5813.7161	---	---
11AX20SISO	Ant1	5745	19.765	5735.1325	5754.8975	---	---
		5785	19.674	5775.1446	5794.8186	---	---
		5825	19.631	5815.1823	5834.8133	---	---
11AX40SISO	Ant1	5755	38.612	5735.6480	5774.2600	---	---
		5795	38.528	5775.7392	5814.2672	---	---
11AX80SISO	Ant1	5775	78.382	5735.7036	5814.0856	---	---

Test Graphs

11A_Ant1_5745



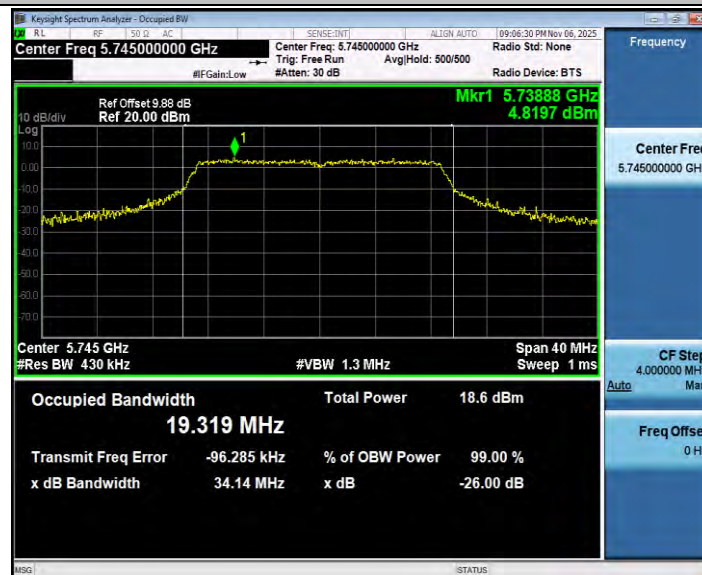
11A_Ant1_5785



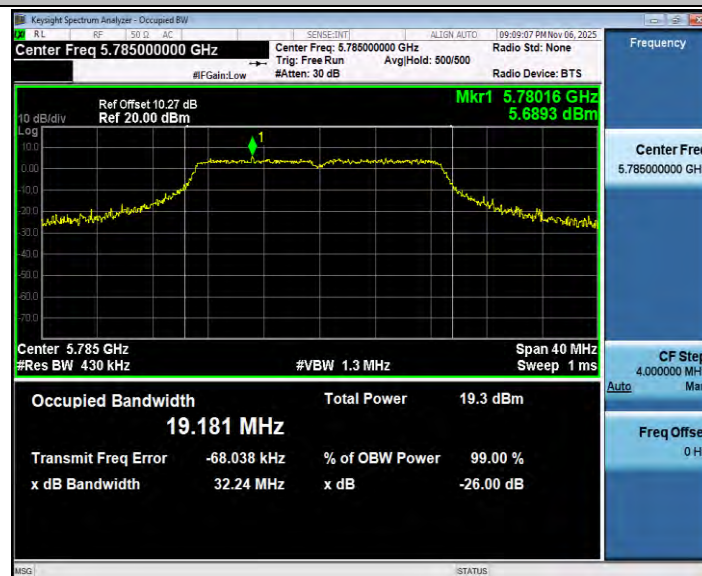
11A_Ant1_5825



11N20SISO_Ant1_5745



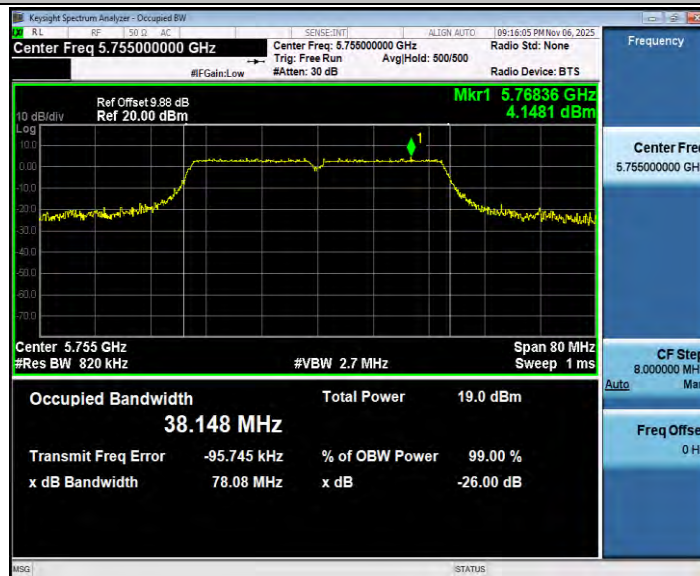
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



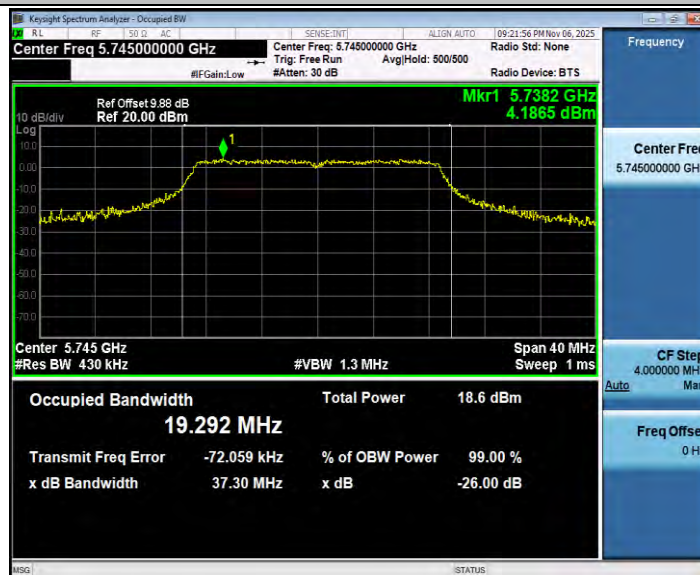
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



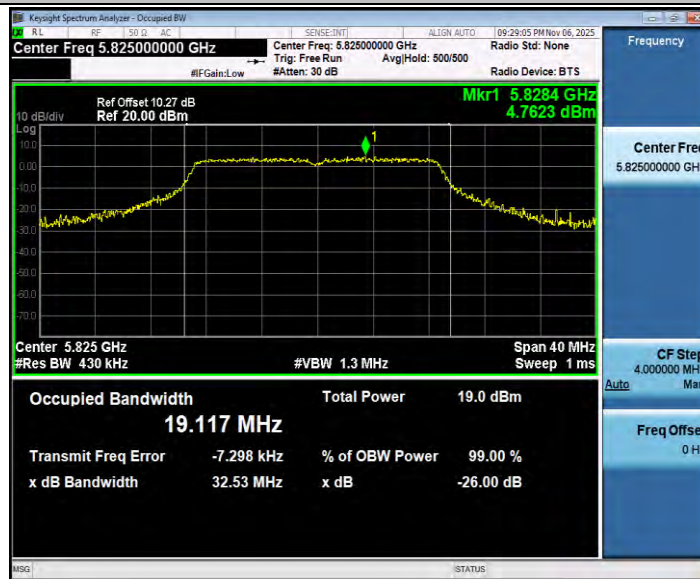
11AC20SISO_Ant1_5745



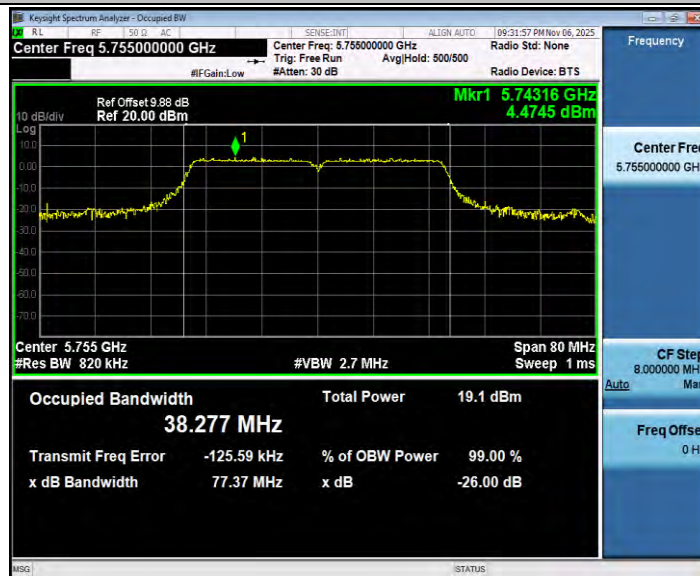
11AC20SISO_Ant1_5785



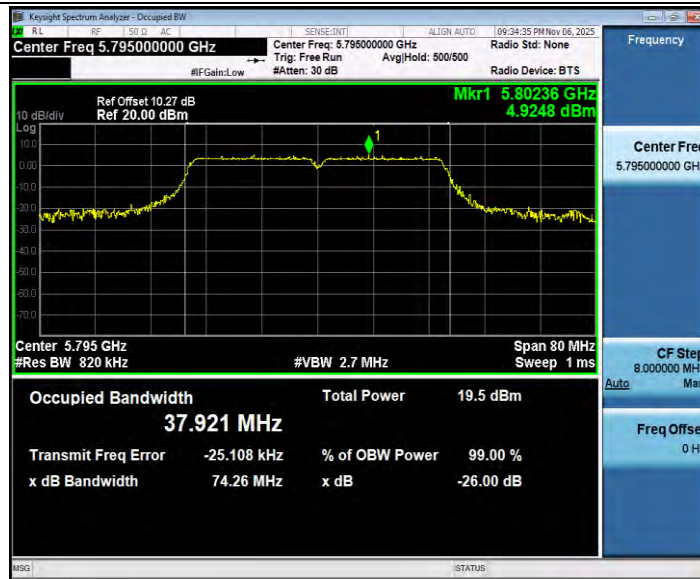
11AC20SISO_Ant1_5825



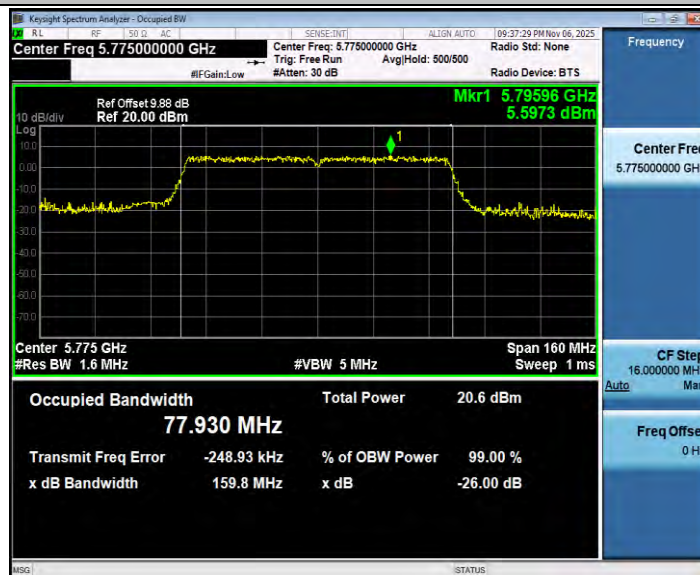
11AC40SISO_Ant1_5755



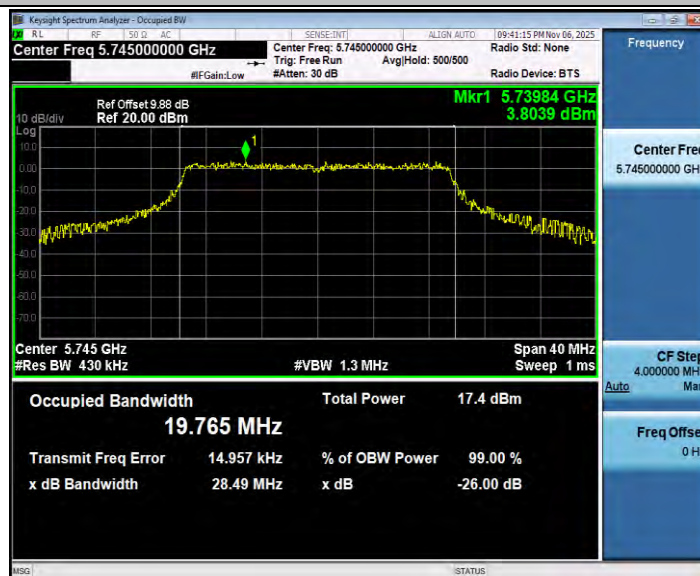
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



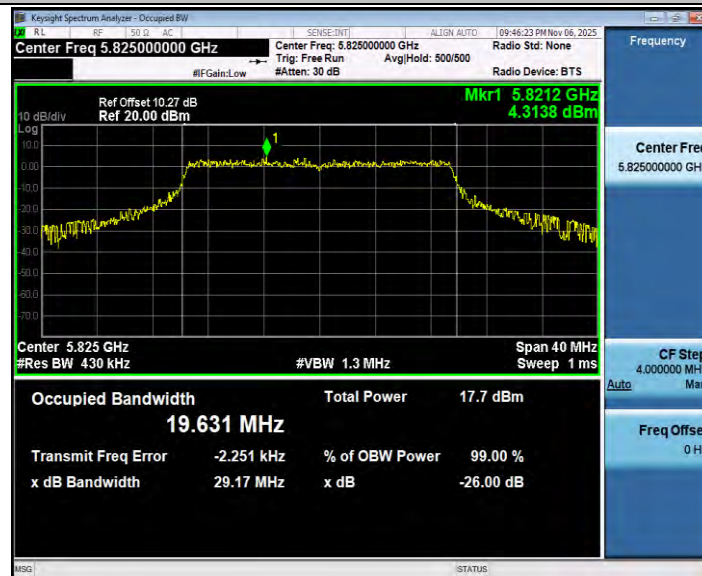
11AX20SISO_Ant1_5745



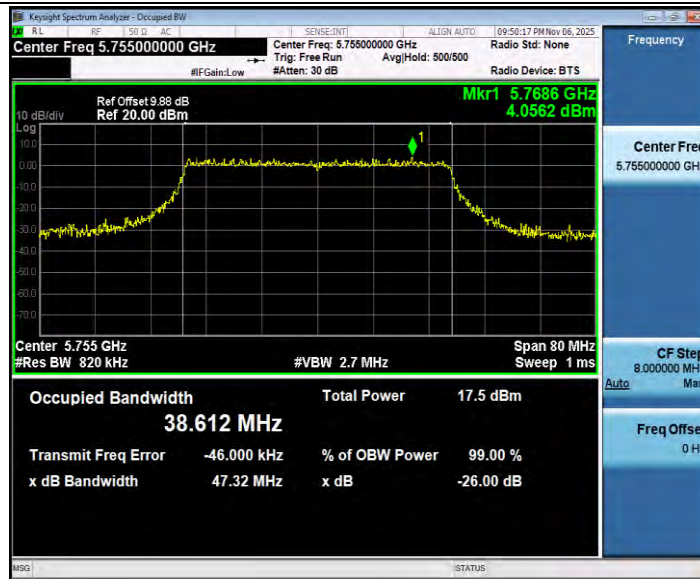
11AX20SISO_Ant1_5785



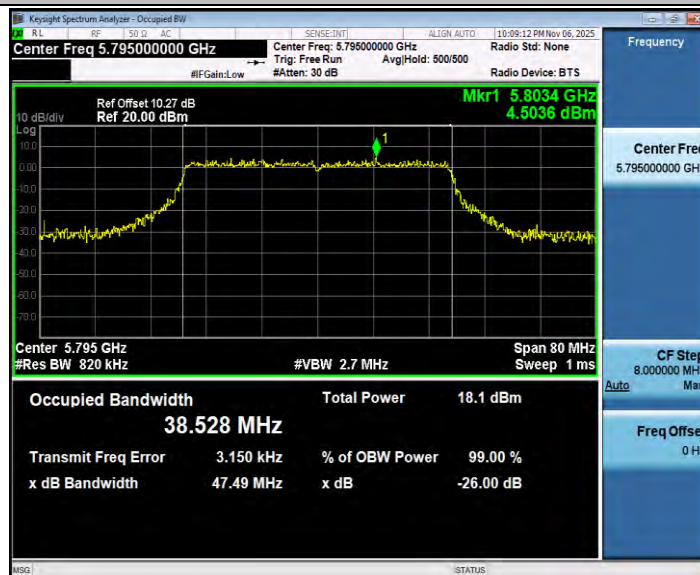
11AX20SISO_Ant1_5825



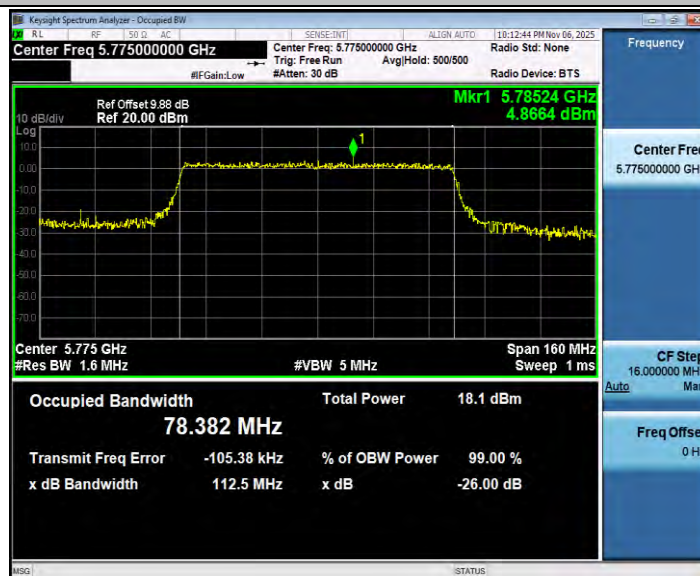
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

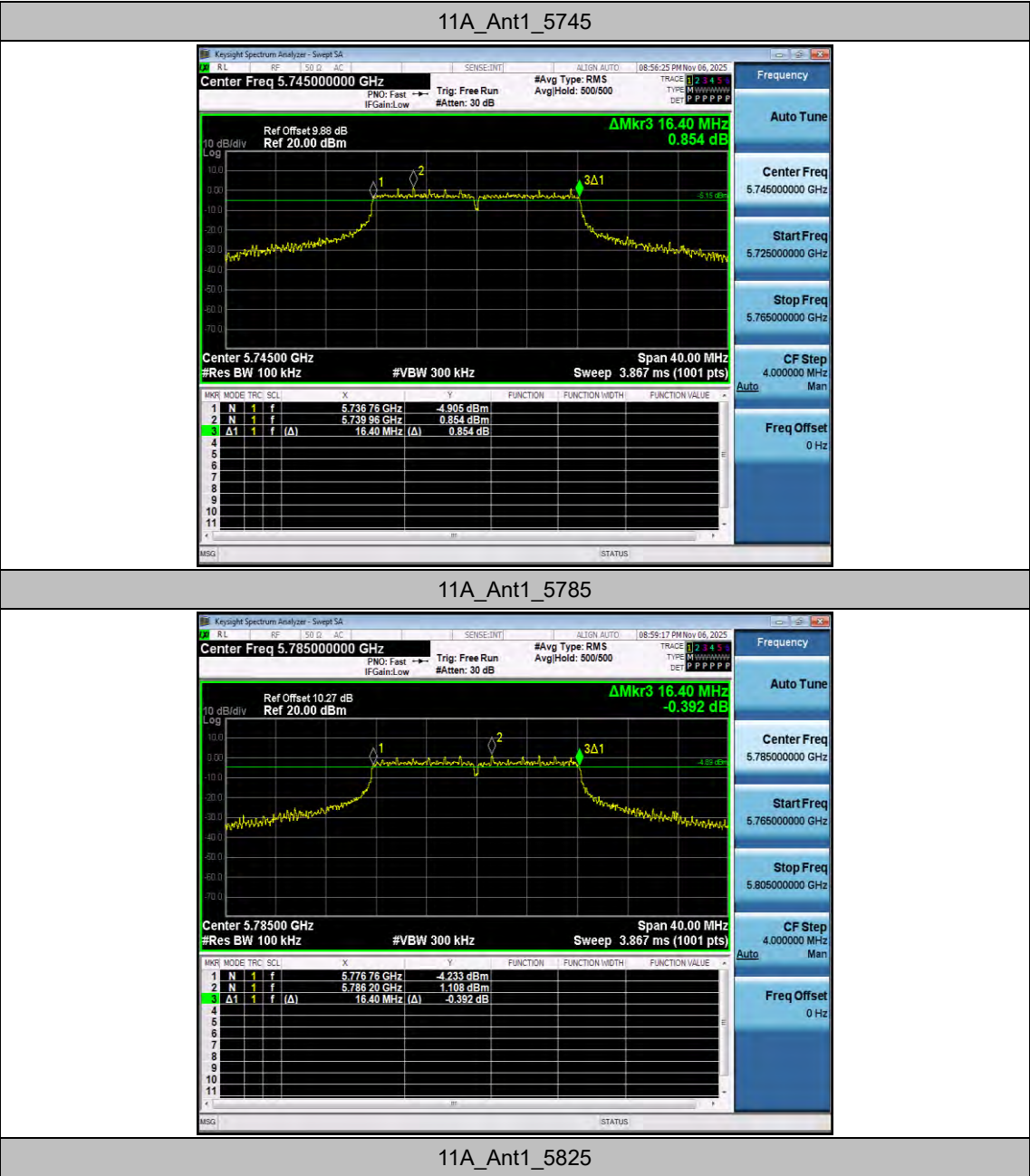


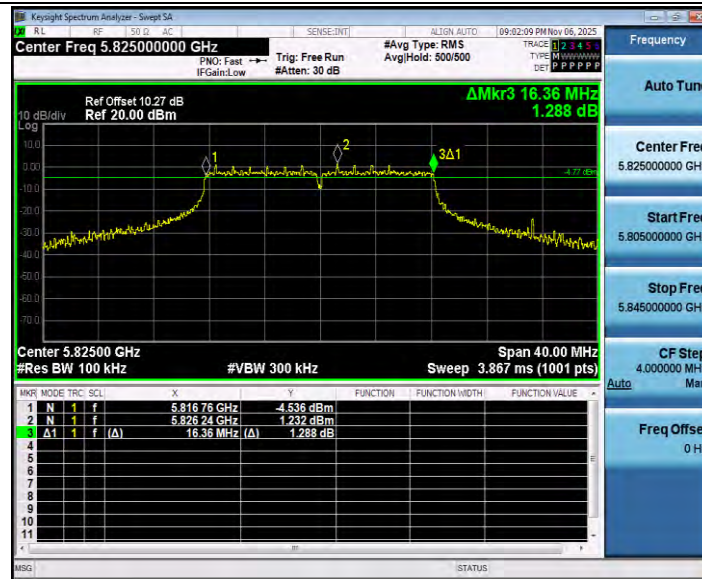
AppendixG.2: Min emission bandwidth

Test Result B4

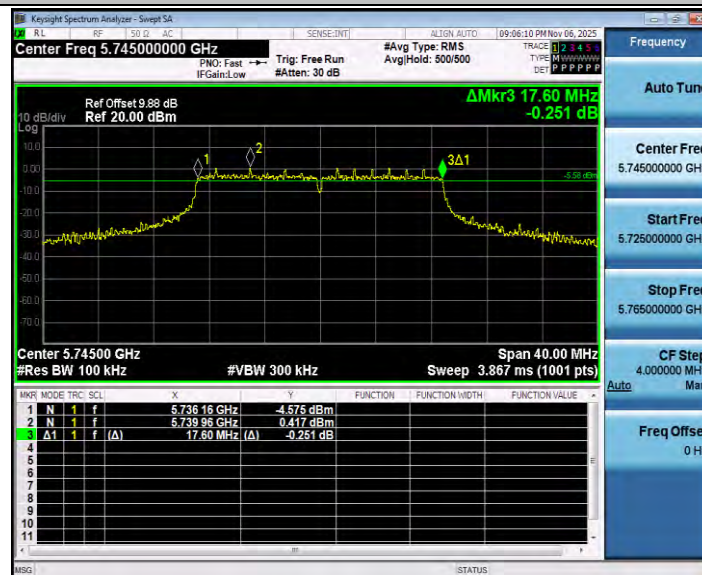
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.400	5736.760	5753.160	0.5	PASS
		5785	16.400	5776.760	5793.160	0.5	PASS
		5825	16.360	5816.760	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.480	5754.480	0.5	PASS
		5785	18.960	5775.480	5794.440	0.5	PASS
		5825	19.000	5815.480	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.160	5735.880	5774.040	0.5	PASS
		5795	38.000	5775.960	5813.960	0.5	PASS
11AX80SISO	Ant1	5775	77.920	5735.960	5813.880	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



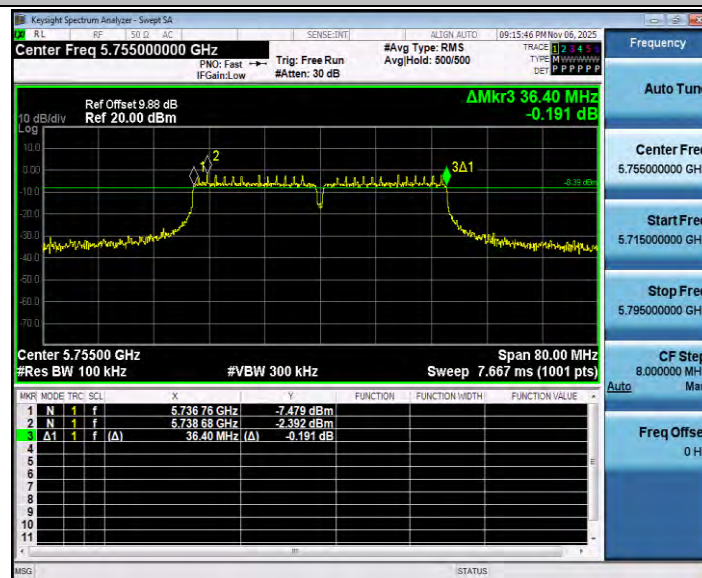
11N20SISO_Ant1_5785



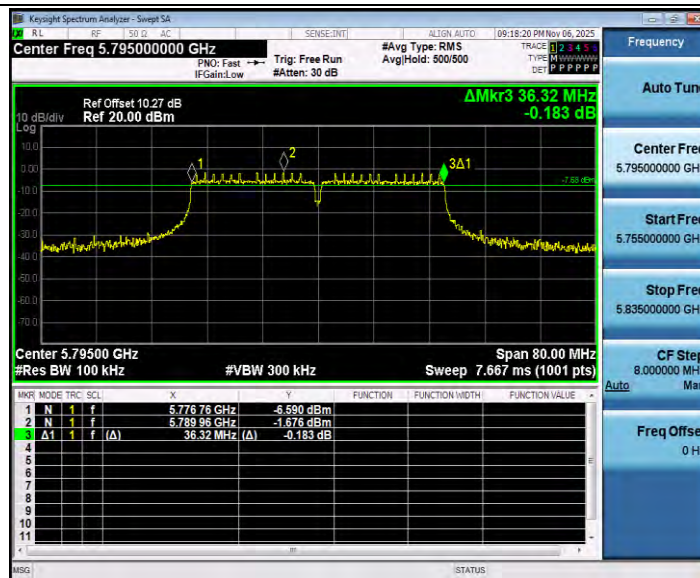
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



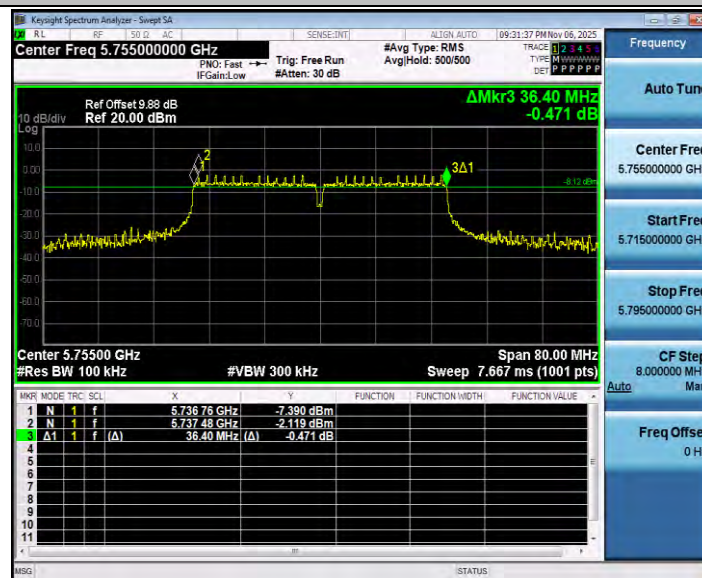
11AC20SISO_Ant1_5785



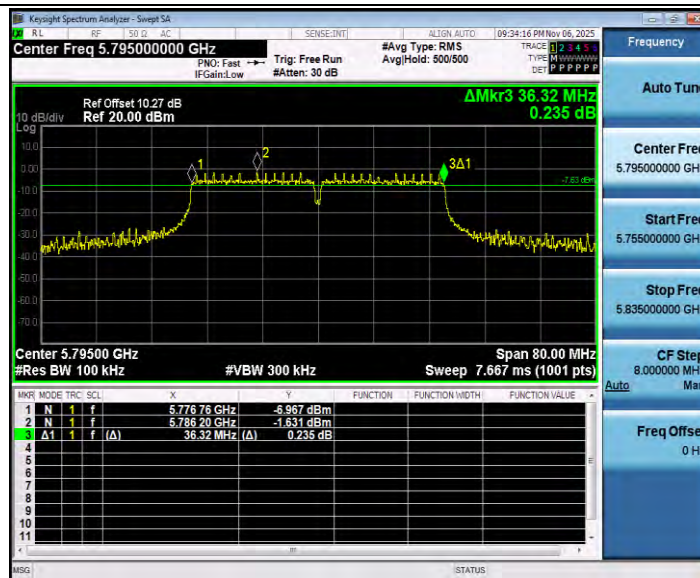
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



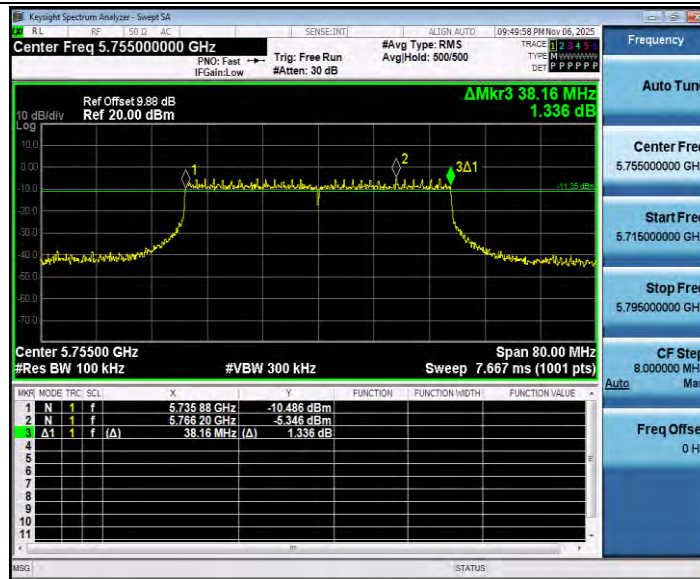
11AC80SISO_Ant1_5775



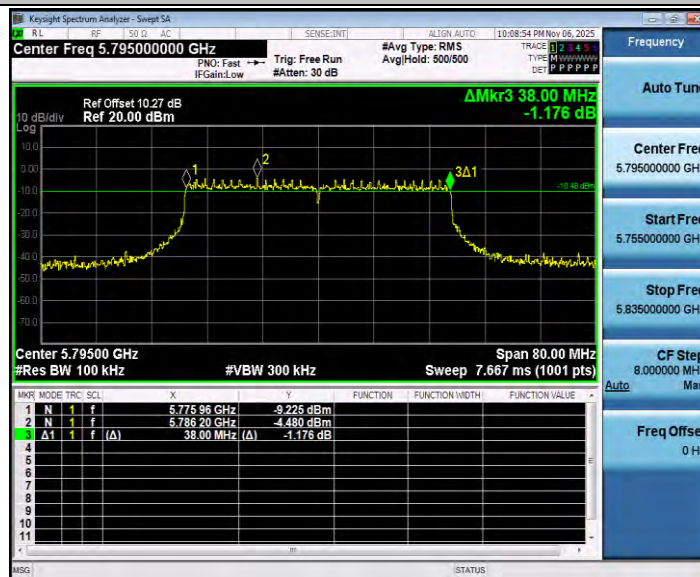
11AX20SISO_Ant1_5745



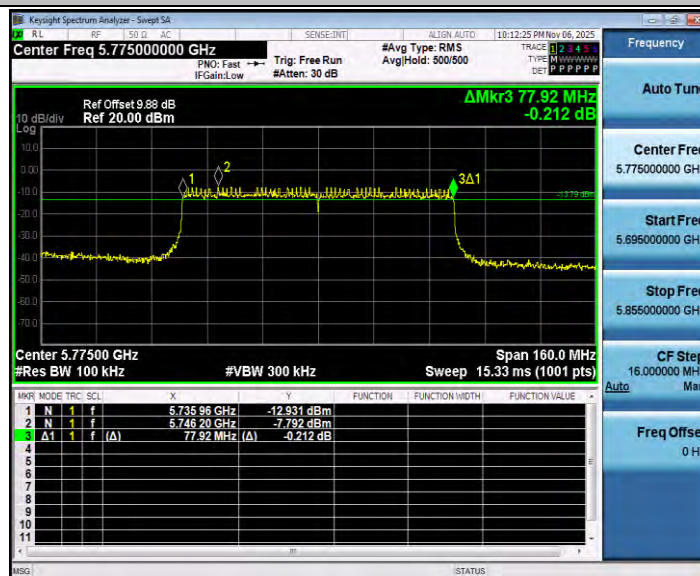




11AX40SISO_Ant1_5795



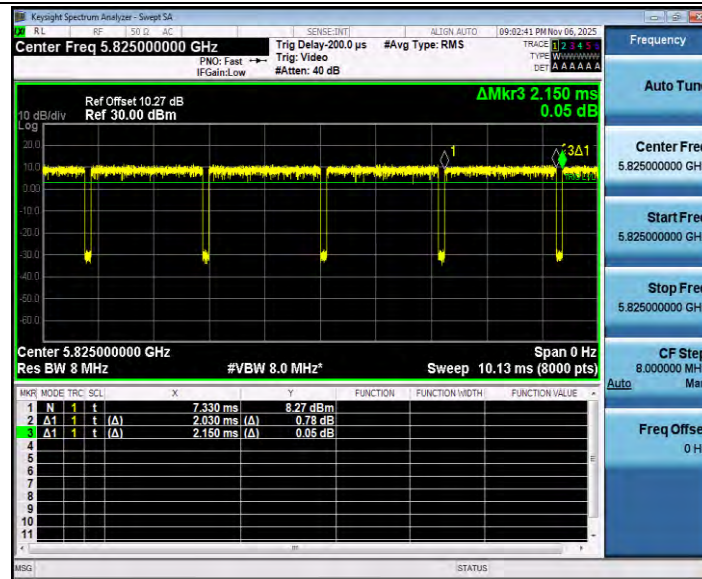
11AX80SISO_Ant1_5775



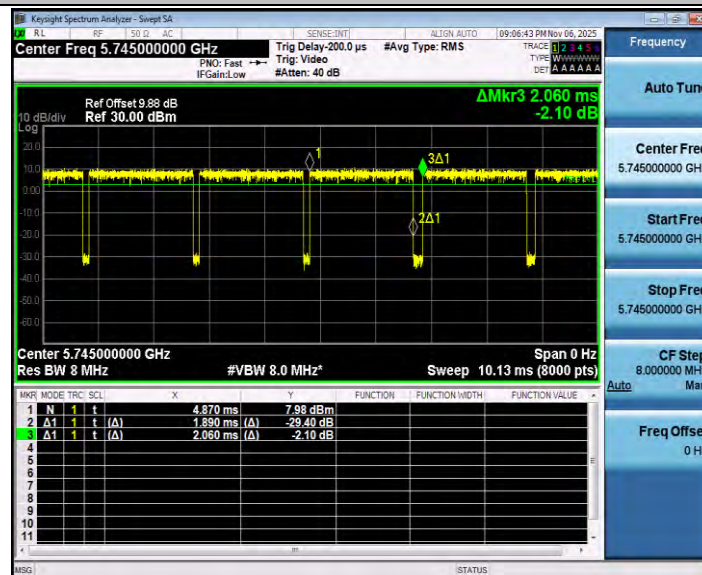
Appendix G.3: Duty Cycle

Test Result

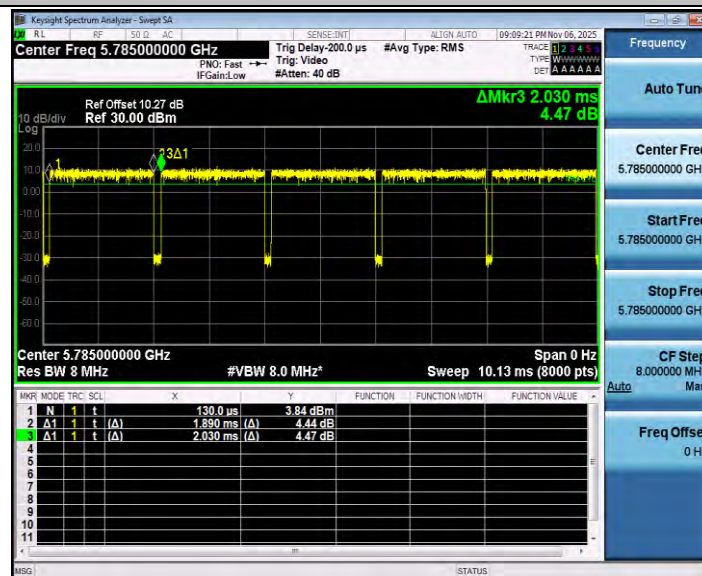
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.16	93.98	0.27	0.49
		5785	2.03	2.20	92.27	0.35	0.49
		5825	2.03	2.15	94.42	0.25	0.49
11N20SISO	Ant1	5745	1.89	2.06	91.75	0.37	0.53
		5785	1.89	2.03	93.10	0.31	0.53
		5825	1.90	2.02	94.06	0.27	0.53
11N40SISO	Ant1	5755	0.94	1.18	79.66	0.99	1.06
		5795	0.93	1.16	80.17	0.96	1.08
11AC20SISO	Ant1	5745	1.90	2.04	93.14	0.31	0.53
		5785	1.90	2.04	93.14	0.31	0.53
		5825	1.90	2.08	91.35	0.39	0.53
11AC40SISO	Ant1	5755	0.93	1.27	73.23	1.35	1.08
		5795	0.94	1.16	81.03	0.91	1.06
11AC80SISO	Ant1	5775	0.46	0.94	48.94	3.10	2.17
11AX20SISO	Ant1	5745	1.46	1.64	89.02	0.51	0.68
		5785	1.47	1.65	89.09	0.50	0.68
		5825	1.46	1.64	89.02	0.51	0.68
11AX40SISO	Ant1	5755	0.77	0.99	77.78	1.09	1.30
		5795	0.76	0.95	80.00	0.97	1.32
11AX80SISO	Ant1	5775	0.39	0.86	45.35	3.43	2.56



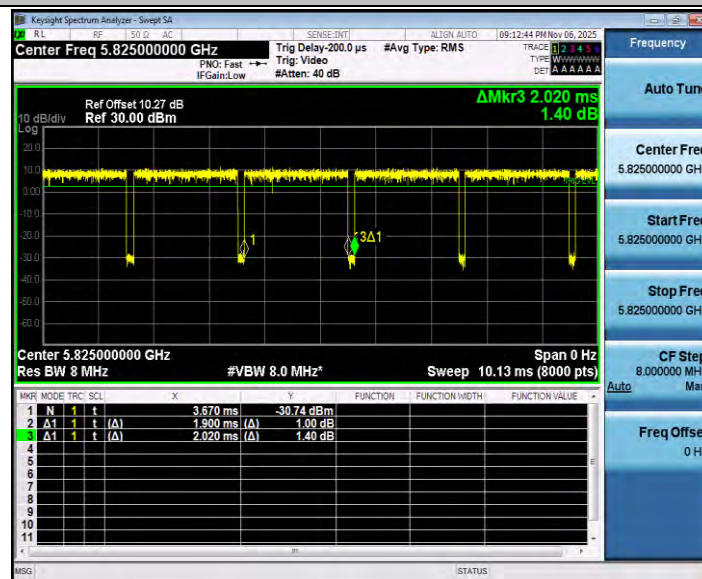
11N20SISO_Ant1_5745



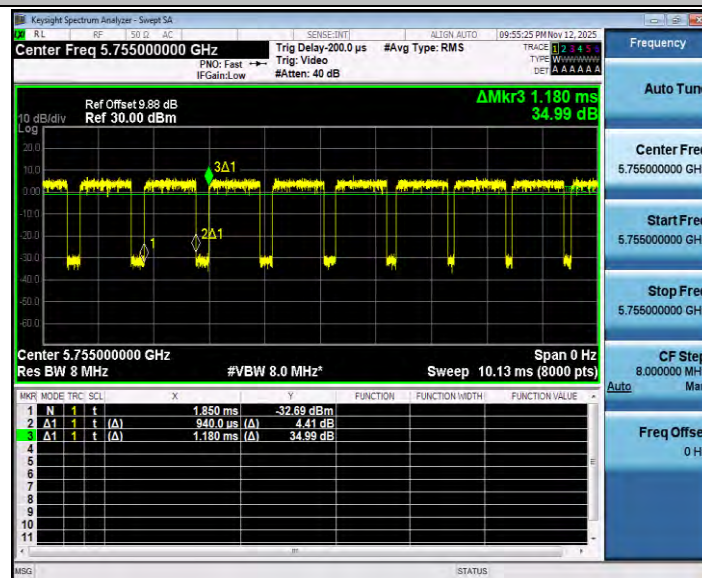
11N20SISO_Ant1_5785



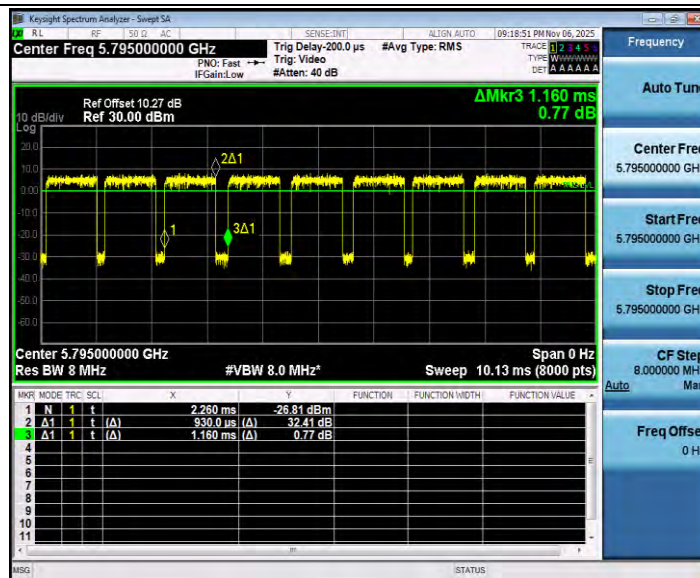
11N20SISO_Ant1_5825



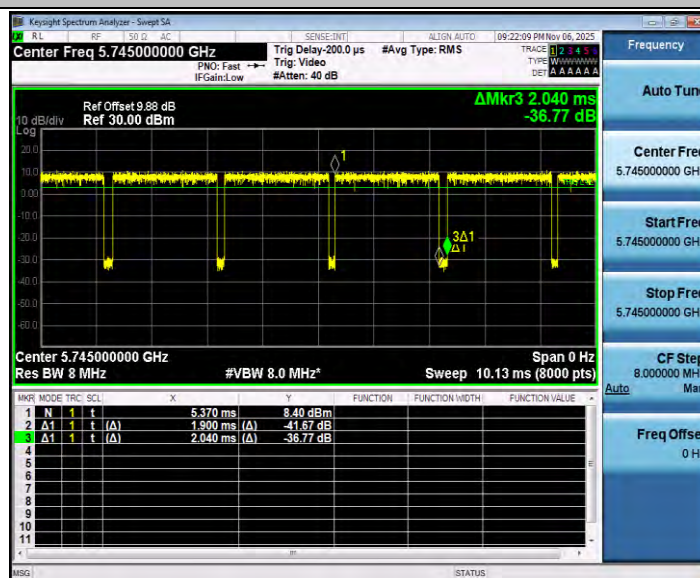
11N40SISO_Ant1_5755



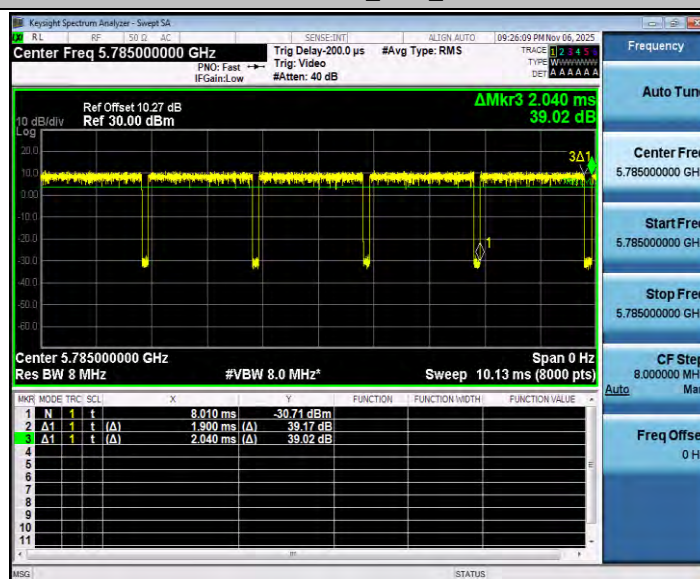
11N40SISO_Ant1_5795

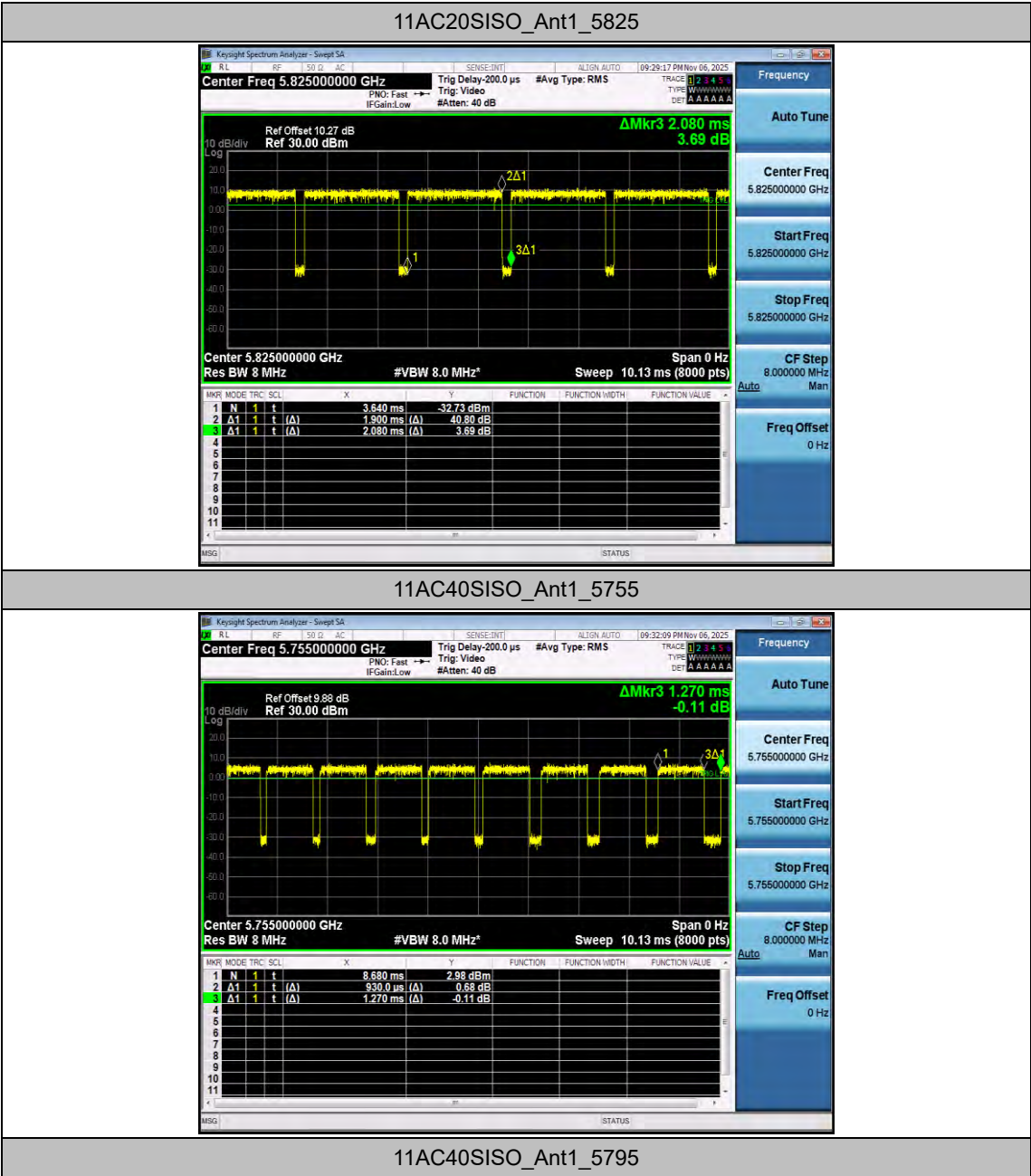


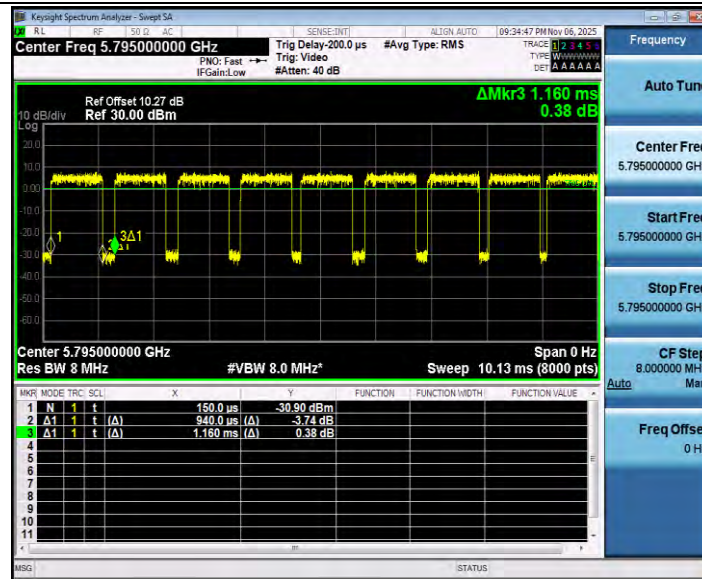
11AC20SISO_Ant1_5745



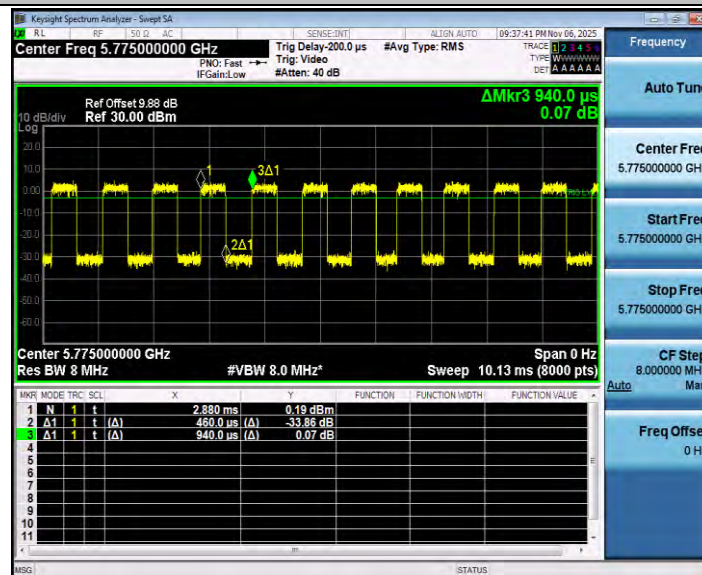
11AC20SISO_Ant1_5785



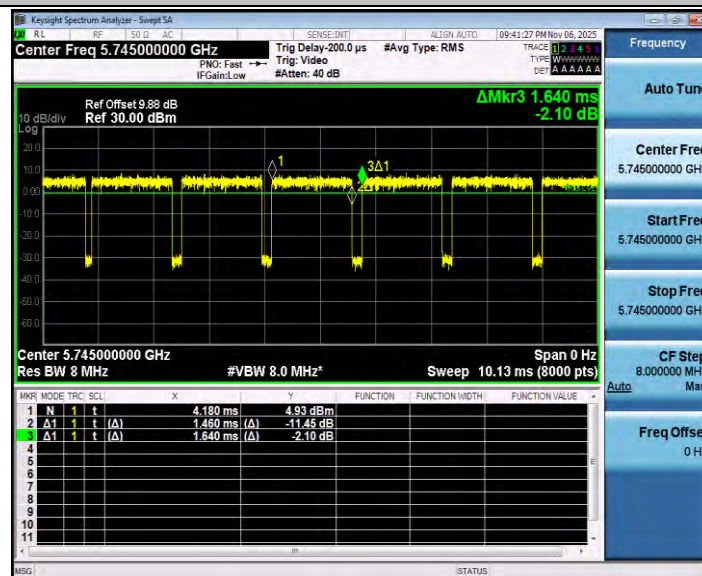




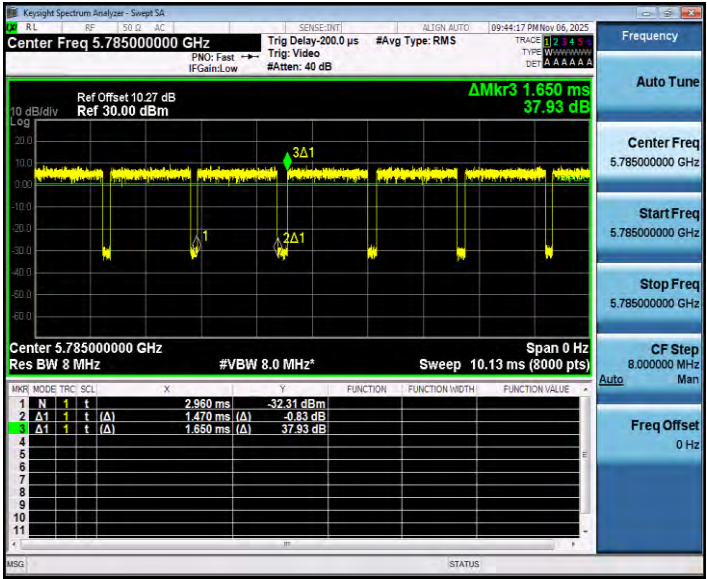
11AC80SISO_Ant1_5775



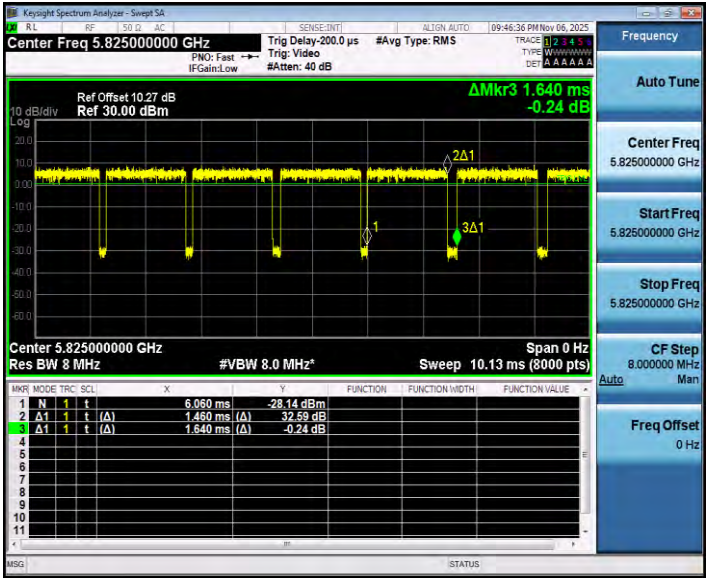
11AX20SISO_Ant1_5745



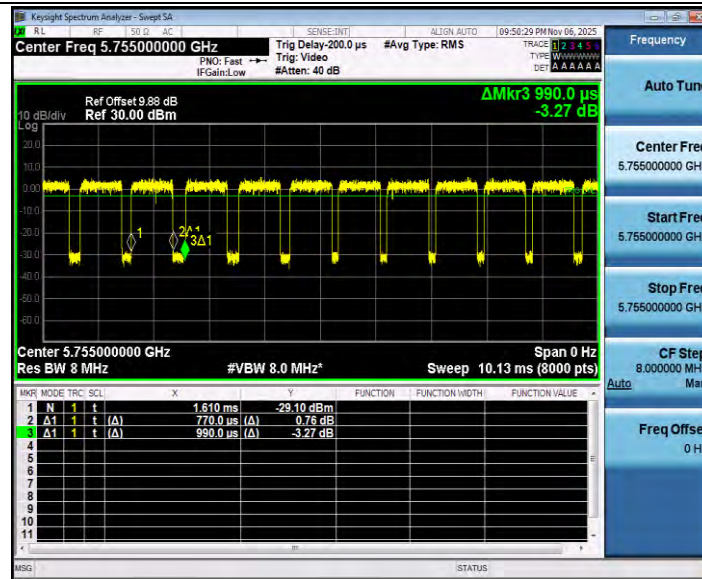
11AX20SISO_Ant1_5785



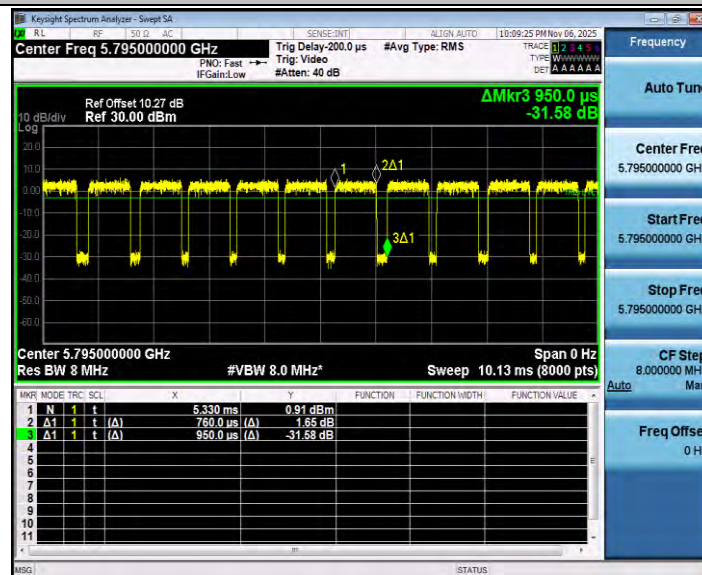
11AX20SISO_Ant1_5825



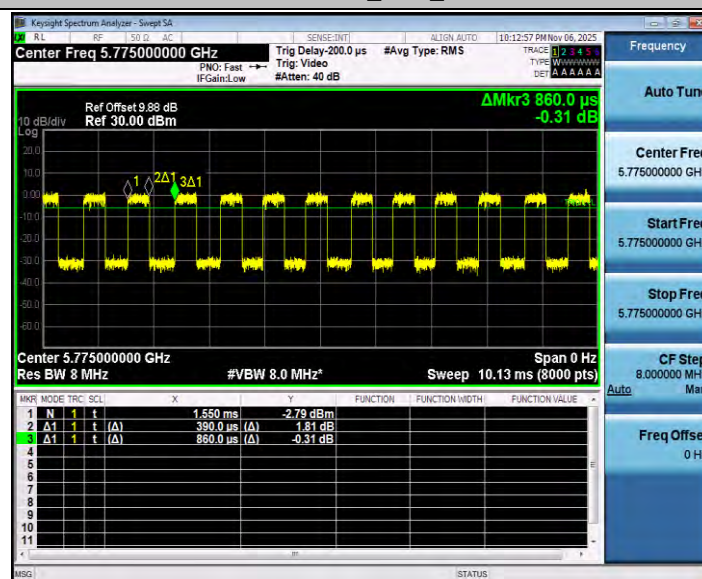
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



Appendix G.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	11.76	93.98	0.27	12.03	≤30.00	PASS
		5785	12.25	92.27	0.35	12.60	≤30.00	PASS
		5825	12.05	94.42	0.25	12.30	≤30.00	PASS
11N20SIS O	Ant1	5745	11.45	91.75	0.37	11.82	≤30.00	PASS
		5785	12.20	93.10	0.31	12.51	≤30.00	PASS
		5825	11.95	94.06	0.27	12.22	≤30.00	PASS
11N40SIS O	Ant1	5755	10.97	79.66	0.99	11.96	≤30.00	PASS
		5795	11.39	80.17	0.96	12.35	≤30.00	PASS
11AC20SIS O	Ant1	5745	11.54	93.14	0.31	11.85	≤30.00	PASS
		5785	12.09	93.14	0.31	12.40	≤30.00	PASS
		5825	11.98	91.35	0.39	12.37	≤30.00	PASS
11AC40SIS O	Ant1	5755	10.99	73.23	1.35	12.34	≤30.00	PASS
		5795	11.39	81.03	0.91	12.30	≤30.00	PASS
11AC80SIS O	Ant1	5775	10.20	48.94	3.10	13.30	≤30.00	PASS
11AX20SIS O	Ant1	5745	8.72	89.02	0.51	9.23	≤30.00	PASS
		5785	9.27	89.09	0.50	9.77	≤30.00	PASS
		5825	9.20	89.02	0.51	9.71	≤30.00	PASS
11AX40SIS O	Ant1	5755	7.94	77.78	1.09	9.03	≤30.00	PASS
		5795	8.65	80.00	0.97	9.62	≤30.00	PASS
11AX80SIS O	Ant1	5775	6.95	45.35	3.43	10.38	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.64	≤30.00	PASS
		5785	-2.18	≤30.00	PASS
		5825	-2.28	≤30.00	PASS
11N20SISO	Ant1	5745	-2.91	≤30.00	PASS
		5785	-2.54	≤30.00	PASS
		5825	-2.59	≤30.00	PASS
11N40SISO	Ant1	5755	-4.84	≤30.00	PASS
		5795	-5.13	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.91	≤30.00	PASS
		5785	-2.57	≤30.00	PASS
		5825	-2.42	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.19	≤30.00	PASS
		5795	-5.16	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.80	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.94	≤30.00	PASS
		5785	-5.58	≤30.00	PASS
		5825	-5.54	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.71	≤30.00	PASS
		5795	-8.12	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.04	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



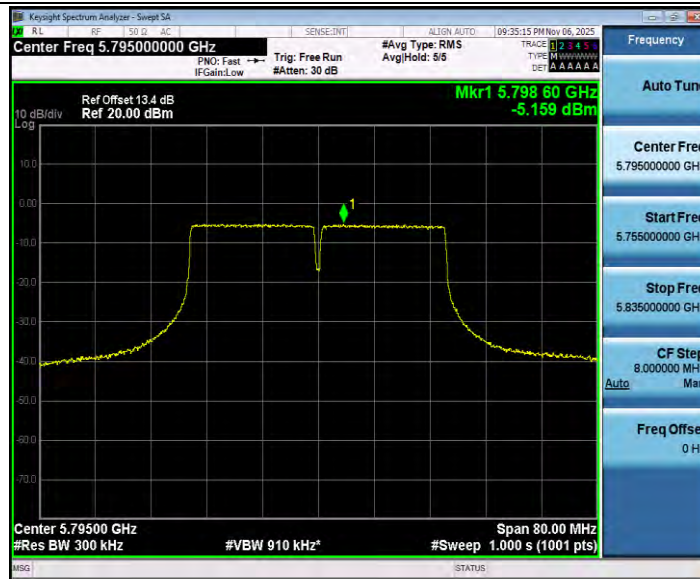
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

