

Case No. : <u>GTS20260807008-1-13</u>
Ambient Condition: <u>24</u> °C, <u>47</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.8.19-2026.8.27</u> Test Engineer: <u>Evan ouyang</u>

AppendixE.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.057	5735.8572	5753.9142	---	---
		5785	18.076	5775.8238	5793.8998	---	---
		5825	17.998	5815.8970	5833.8950	---	---
11N20SISO	Ant1	5745	19.038	5735.4244	5754.4624	---	---
		5785	19.030	5775.4282	5794.4582	---	---
		5825	18.953	5815.4348	5834.3878	---	---
11N40SISO	Ant1	5755	37.612	5736.2170	5773.8290	---	---
		5795	37.698	5776.2132	5813.9112	---	---
11AC20SISO	Ant1	5745	19.107	5735.3899	5754.4969	---	---
		5785	19.101	5775.4247	5794.5257	---	---
		5825	19.044	5815.4008	5834.4448	---	---
11AC40SISO	Ant1	5755	37.648	5736.2807	5773.9287	---	---
		5795	37.782	5776.1980	5813.9800	---	---
11AC80SISO	Ant1	5775	77.037	5736.8518	5813.8888	---	---
11AX20SISO	Ant1	5745	19.723	5735.0957	5754.8187	---	---
		5785	19.659	5775.1023	5794.7613	---	---
		5825	19.773	5815.0503	5834.8233	---	---
11AX40SISO	Ant1	5755	38.569	5735.7044	5774.2734	---	---
		5795	38.670	5775.6644	5814.3344	---	---
11AX80SISO	Ant1	5775	78.366	5735.9382	5814.3042	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



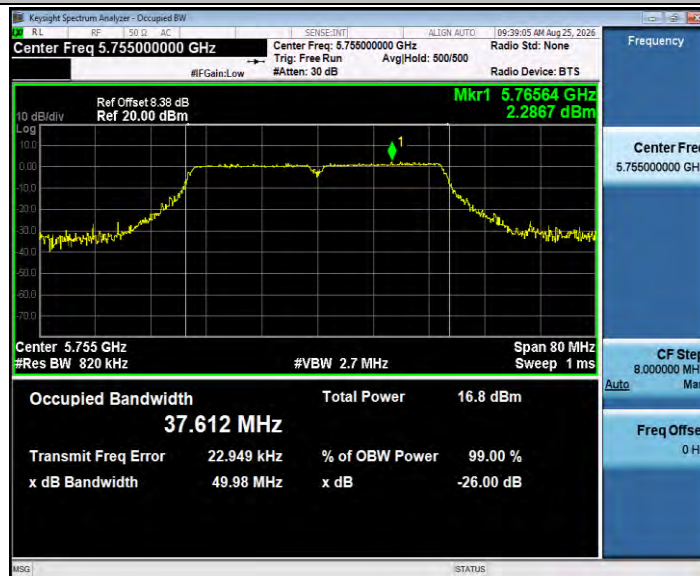
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



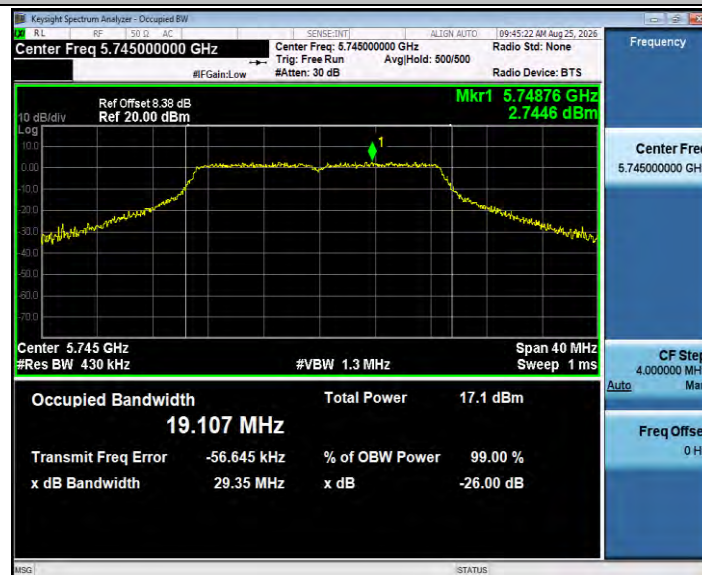
11N40SISO_Ant1_5755



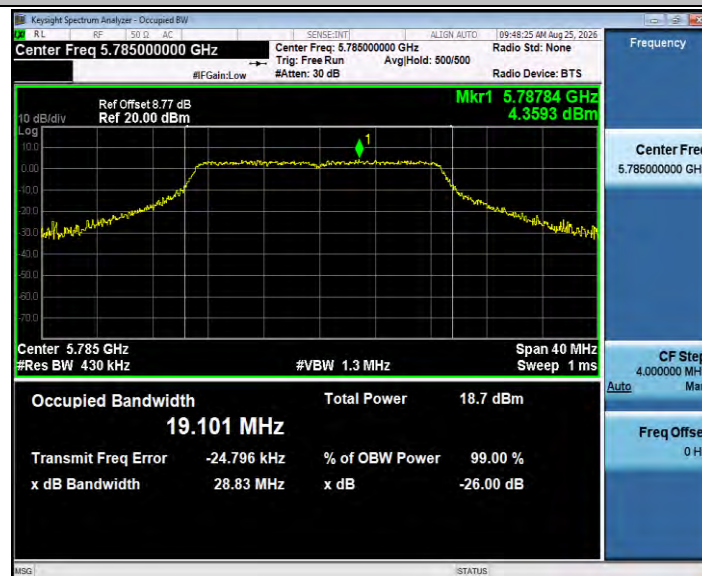
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



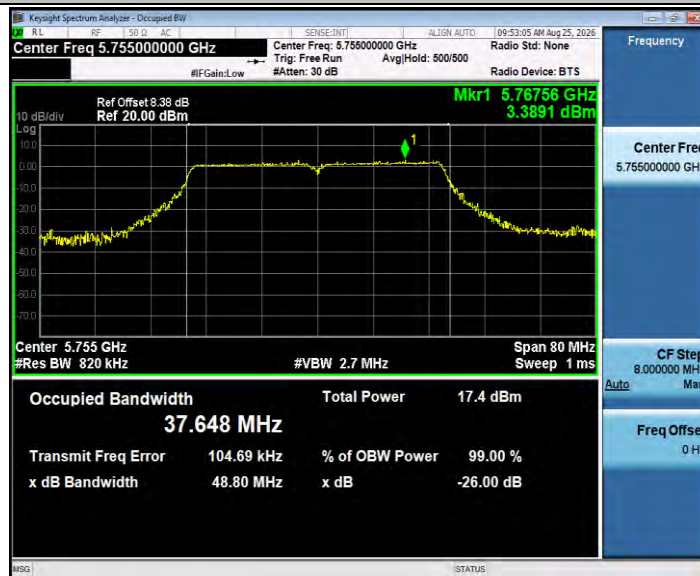
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



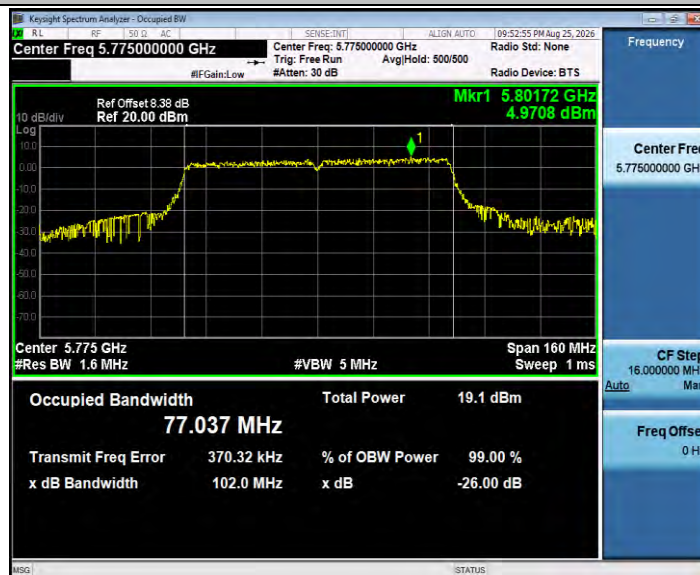
11AC40SISO_Ant1_5755



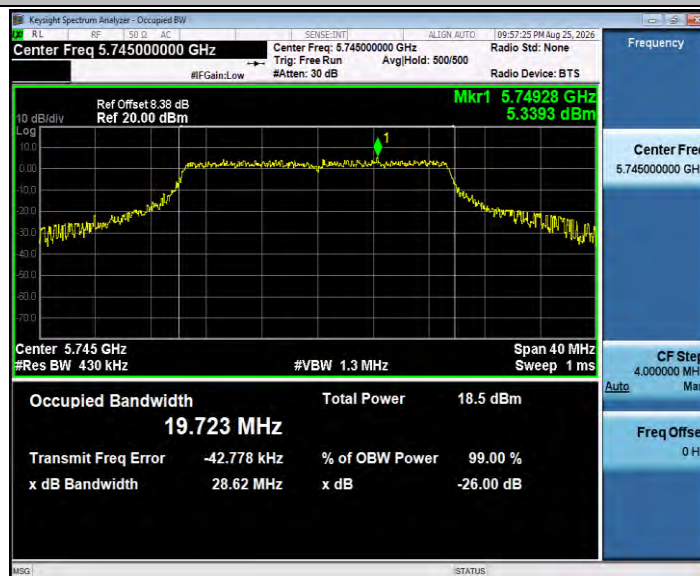
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



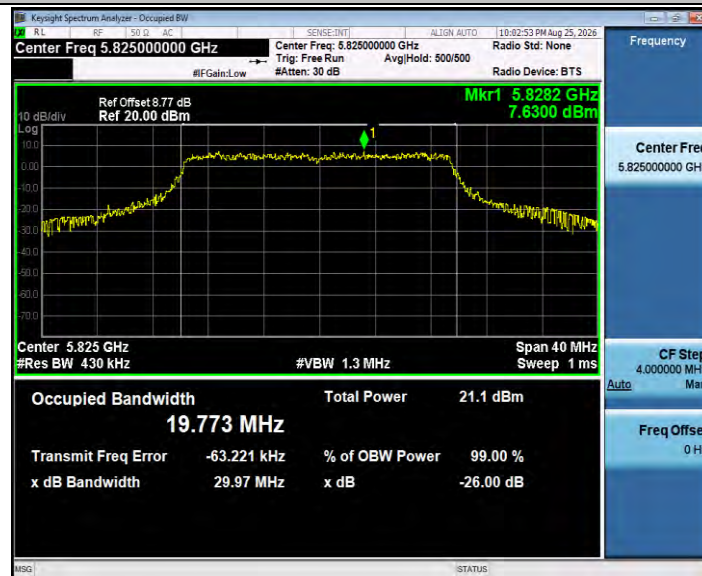
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



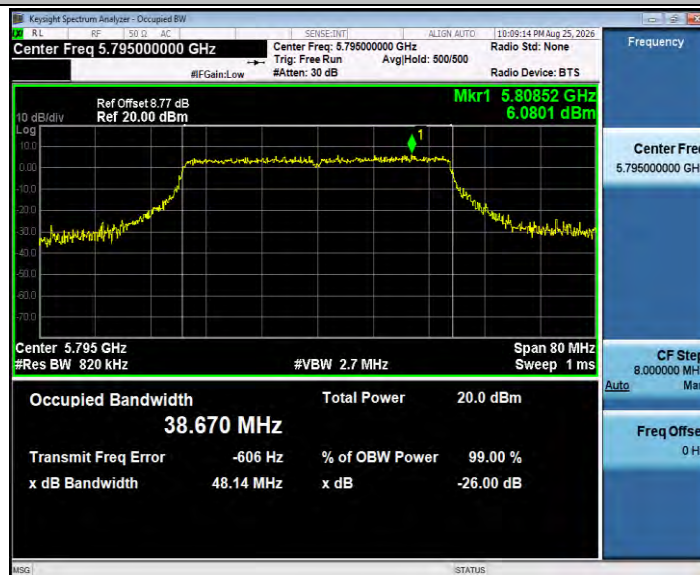
11AX20SISO_Ant1_5825



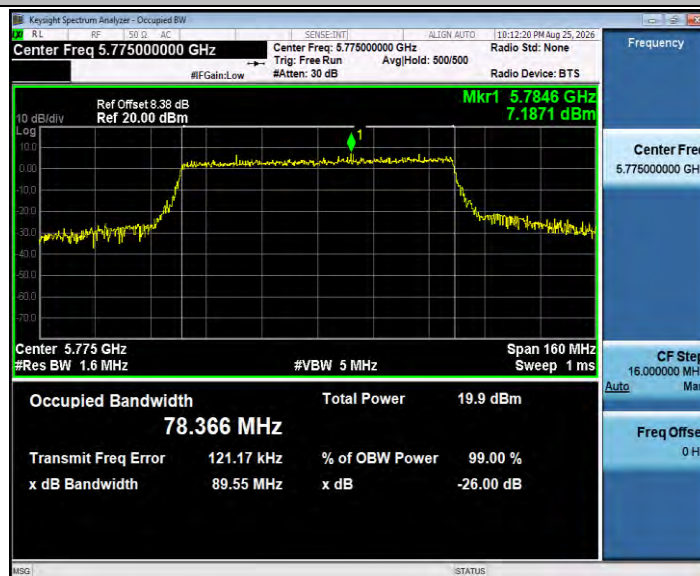
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



AppendixE.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.640	5753.120	0.5	PASS
		5785	16.400	5776.680	5793.080	0.5	PASS
		5825	16.400	5816.680	5833.080	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.080	5753.680	0.5	PASS
		5785	17.600	5776.080	5793.680	0.5	PASS
		5825	17.600	5816.080	5833.680	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.080	5753.680	0.5	PASS
		5785	17.600	5776.080	5793.680	0.5	PASS
		5825	17.600	5816.080	5833.680	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC80SISO	Ant1	5775	75.840	5737.240	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	18.920	5735.440	5754.360	0.5	PASS
		5785	19.000	5775.400	5794.400	0.5	PASS
		5825	18.960	5815.440	5834.400	0.5	PASS
11AX40SISO	Ant1	5755	38.000	5735.960	5773.960	0.5	PASS
		5795	38.080	5775.880	5813.960	0.5	PASS
11AX80SISO	Ant1	5775	76.800	5737.080	5813.880	0.5	PASS

Test Graphs B4

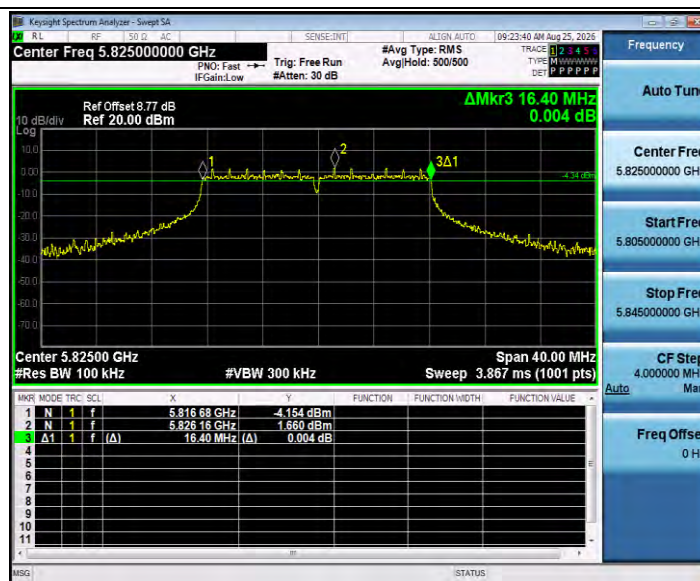
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



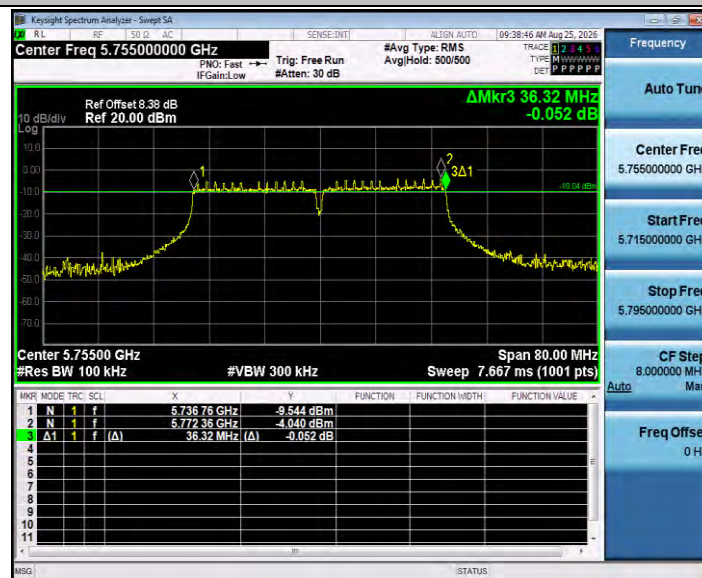
11N20SISO_Ant1_5785



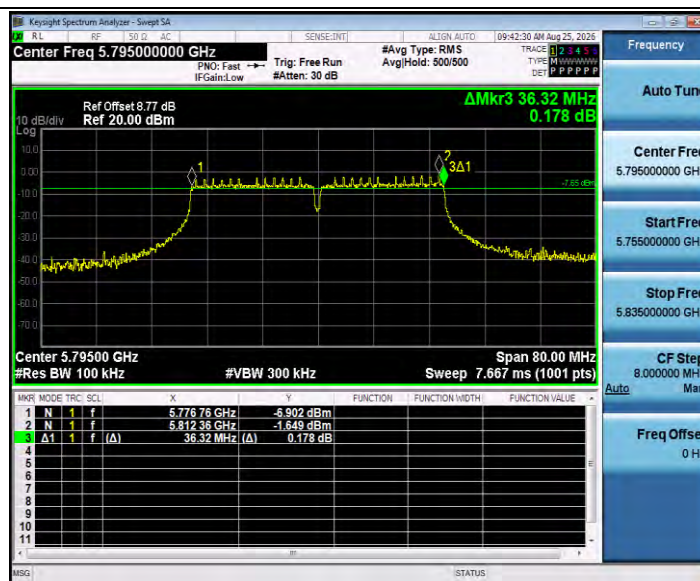
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



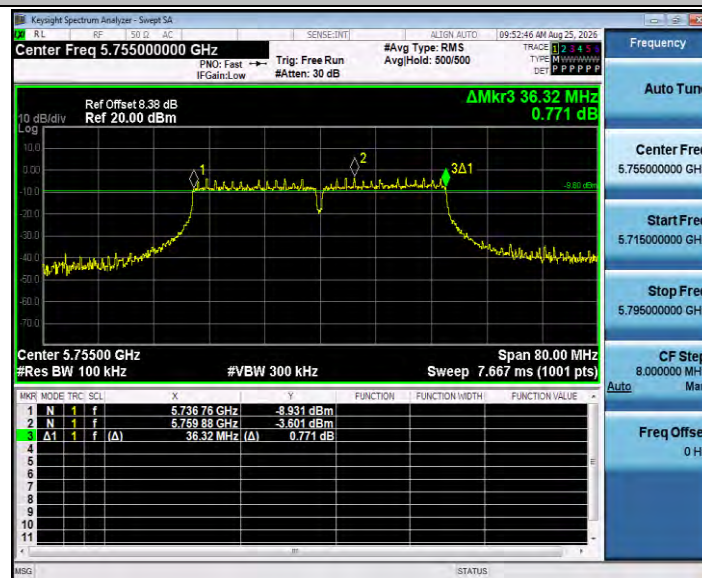
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



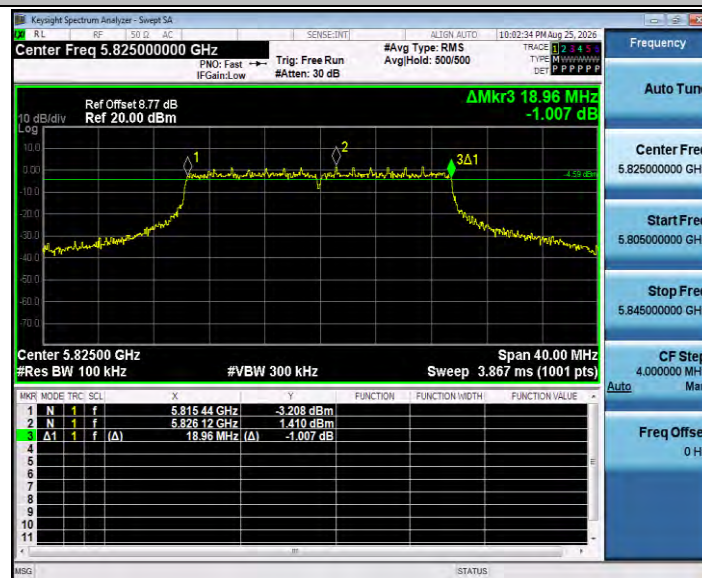
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5785



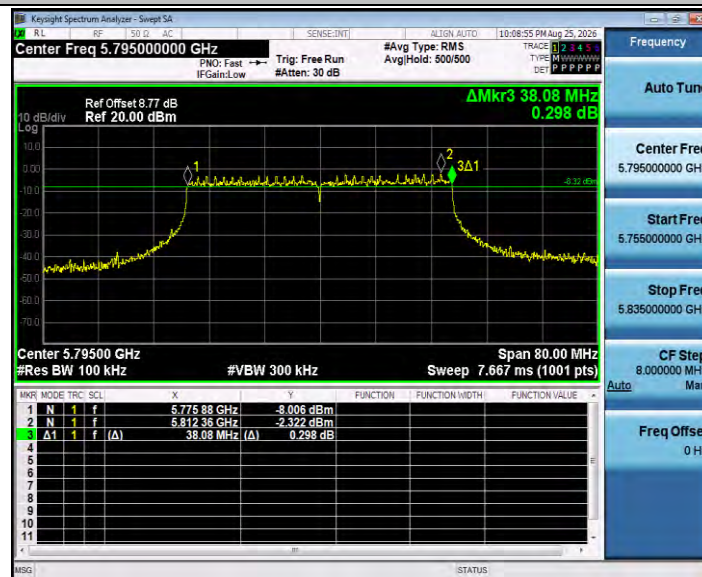
11AX20SISO_Ant1_5825



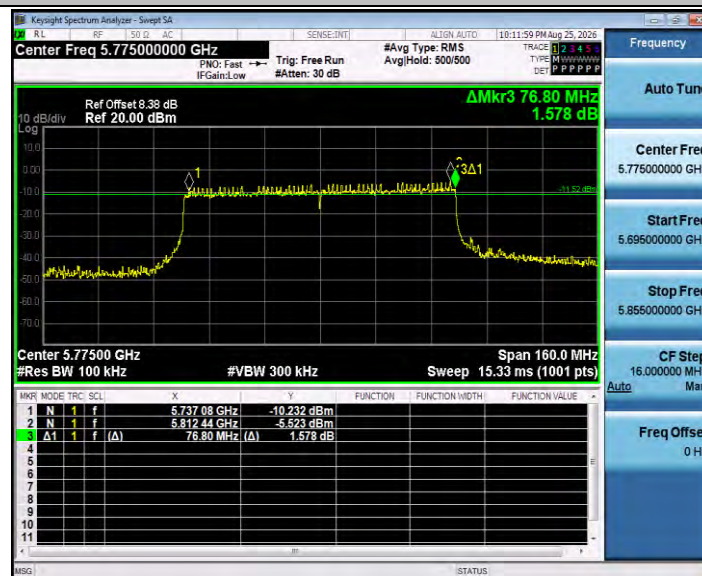
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

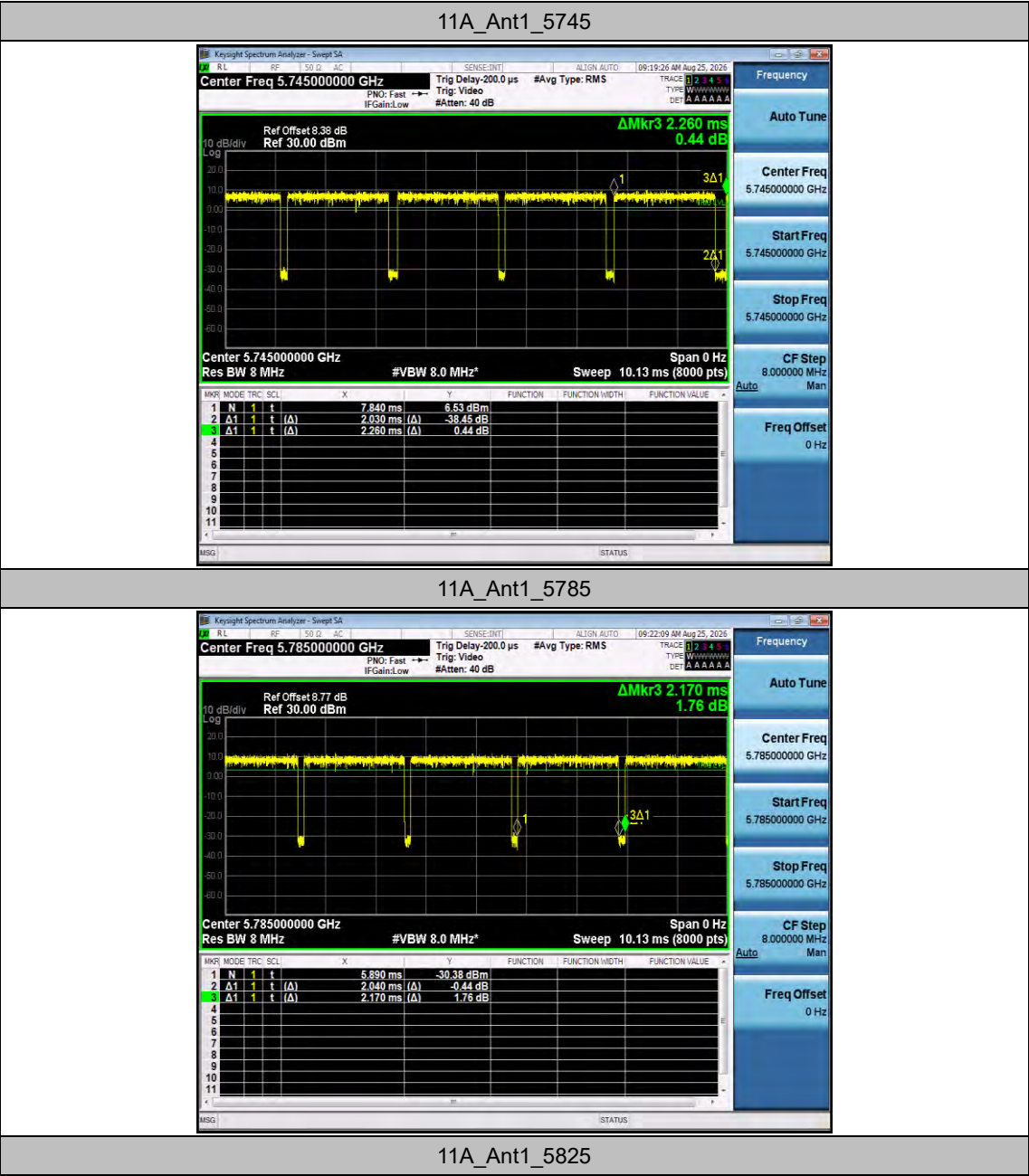


Appendix E.3: Duty Cycle

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	2.26	89.82	0.47	0.49
		5785	2.04	2.17	94.01	0.27	0.49
		5825	2.03	2.26	89.82	0.47	0.49
11N20SISO	Ant1	5745	1.90	2.11	90.05	0.46	0.53
		5785	1.89	2.10	90.00	0.46	0.53
		5825	1.89	2.10	90.00	0.46	0.53
11N40SISO	Ant1	5755	0.93	1.40	66.43	1.78	1.08
		5795	0.93	1.14	81.58	0.88	1.08
11AC20SISO	Ant1	5745	1.90	2.12	89.62	0.48	0.53
		5785	1.90	2.09	90.91	0.41	0.53
		5825	1.90	2.09	90.91	0.41	0.53
11AC40SISO	Ant1	5755	0.94	1.43	65.73	1.82	1.06
		5795	0.93	1.17	79.49	1.00	1.08
11AC80SISO	Ant1	5775	0.46	0.92	50.00	3.01	2.17
11AX20SISO	Ant1	5745	1.46	1.66	87.95	0.56	0.68
		5785	1.46	1.70	85.88	0.66	0.68
		5825	1.46	1.69	86.39	0.64	0.68
11AX40SISO	Ant1	5755	0.76	0.97	78.35	1.06	1.32
		5795	0.76	1.00	76.00	1.19	1.32
11AX80SISO	Ant1	5775	0.40	0.62	64.52	1.90	2.50

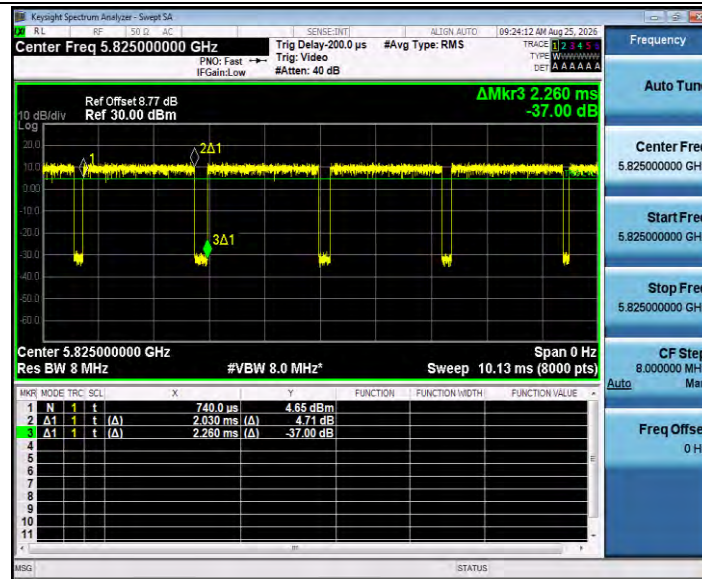
Test Graphs



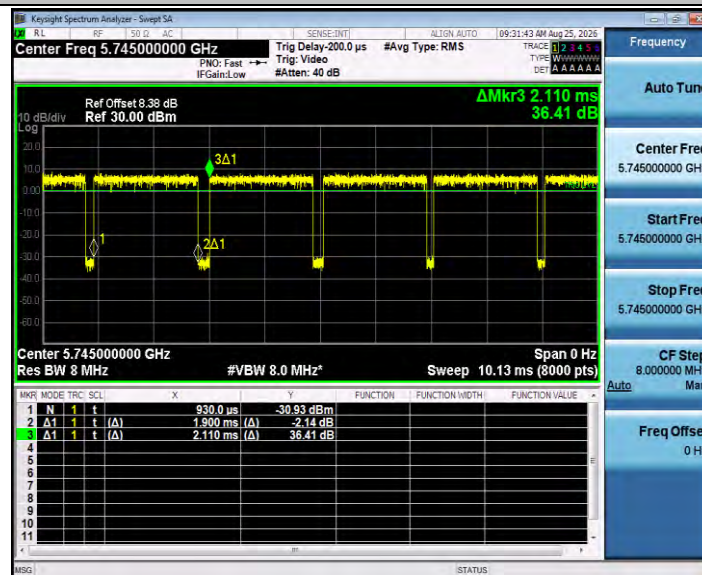
11A_Ant1_5785

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Auto Tune
Center Freq 5.785000000 GHz
Start Freq 5.785000000 GHz
Stop Freq 5.785000000 GHz
CF Step 8.000000 MHz
Freq Offset 0 Hz

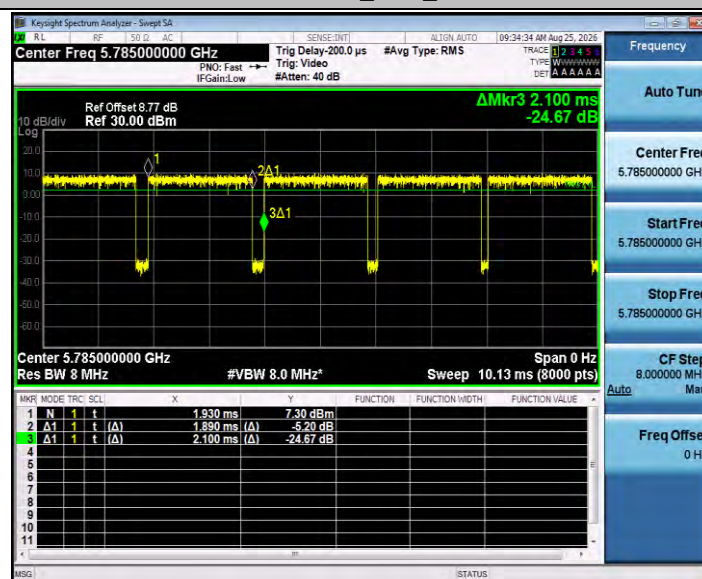
11A_Ant1_5825



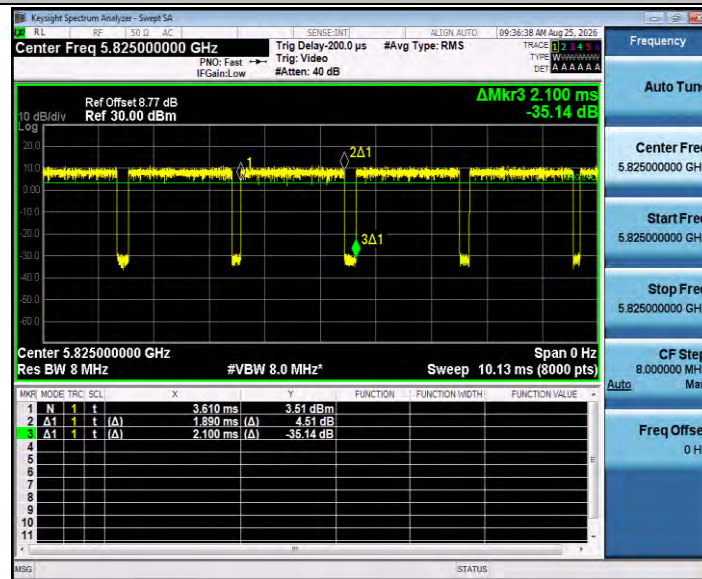
11N20SISO_Ant1_5745



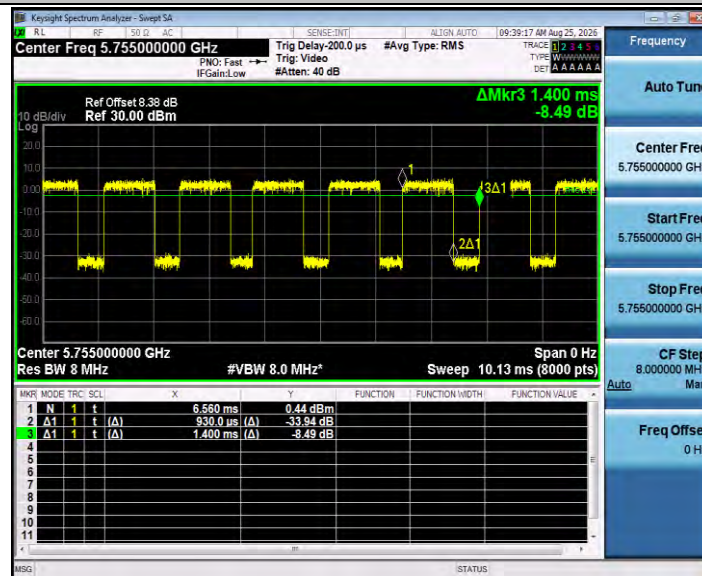
11N20SISO_Ant1_5785



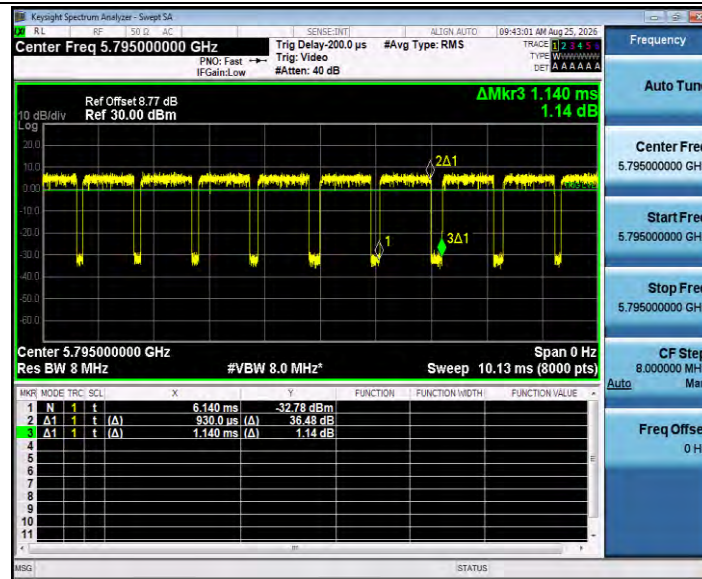
11N20SISO_Ant1_5825



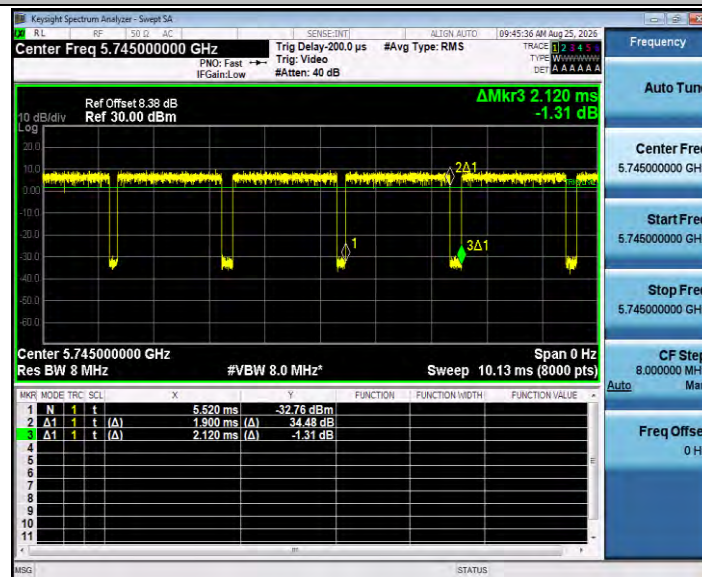
11N40SISO_Ant1_5755



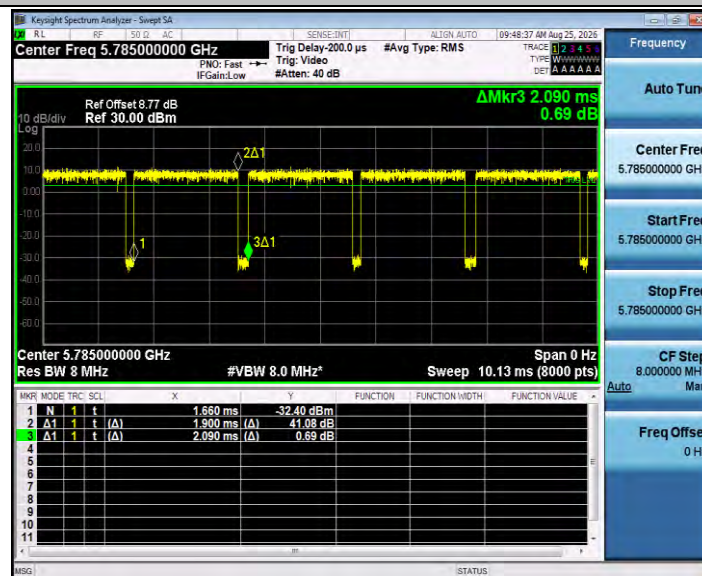
11N40SISO_Ant1_5795

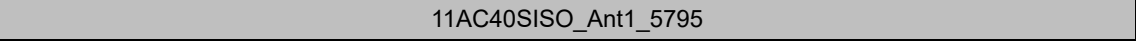
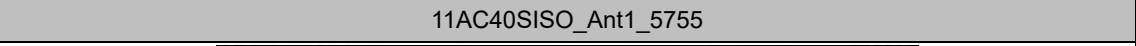


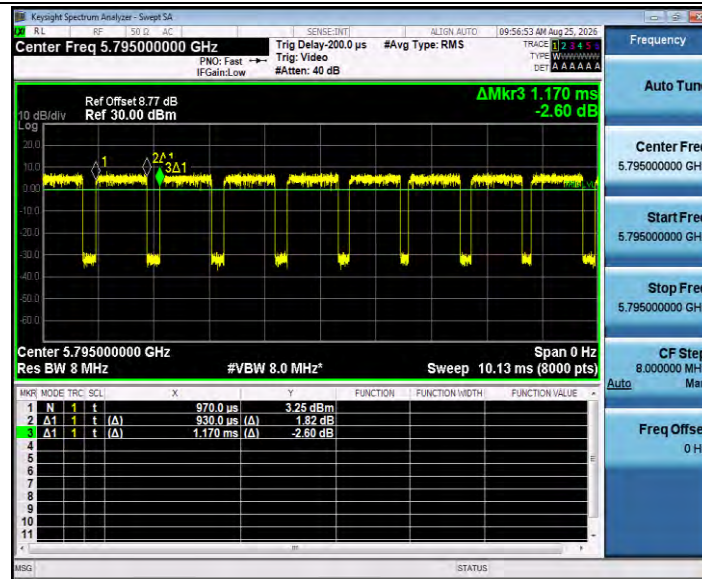
11AC20SISO_Ant1_5745



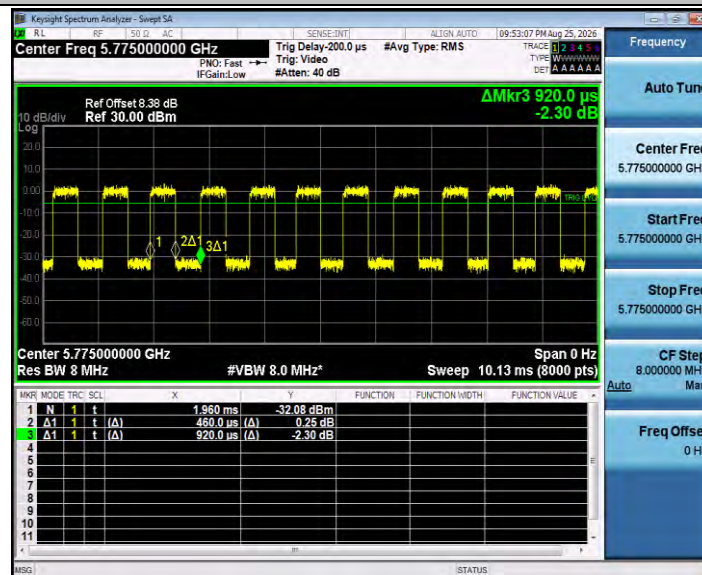
11AC20SISO_Ant1_5785



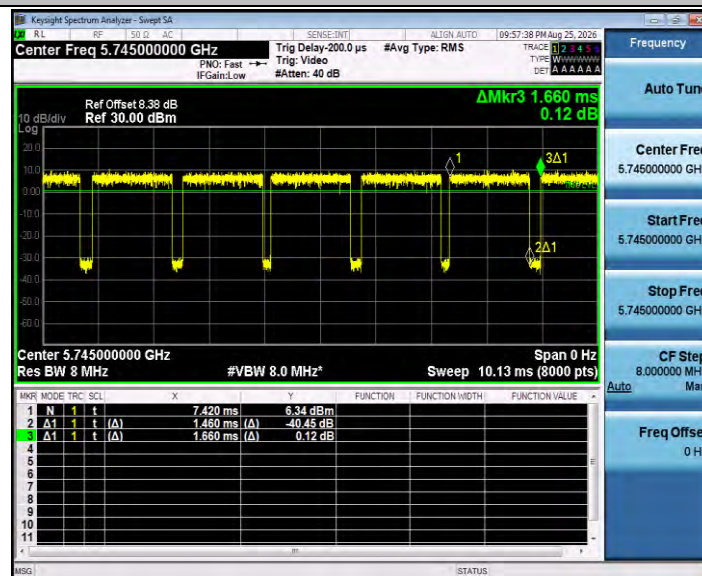




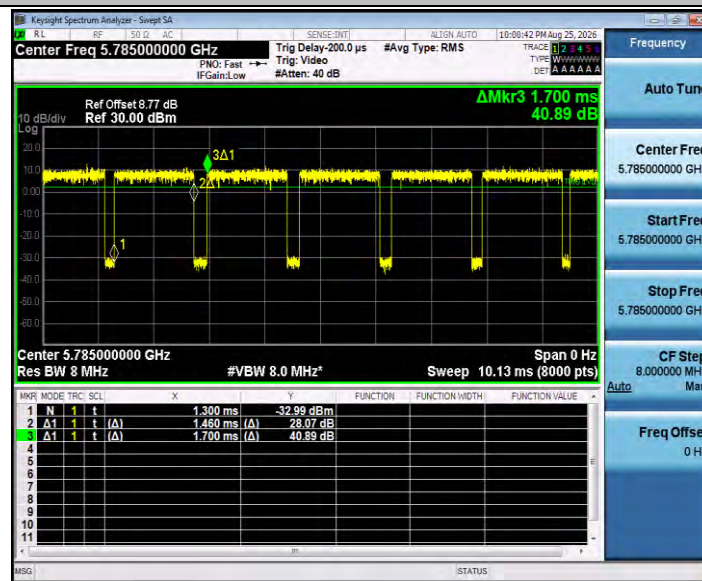
11AC80SISO_Ant1_5775



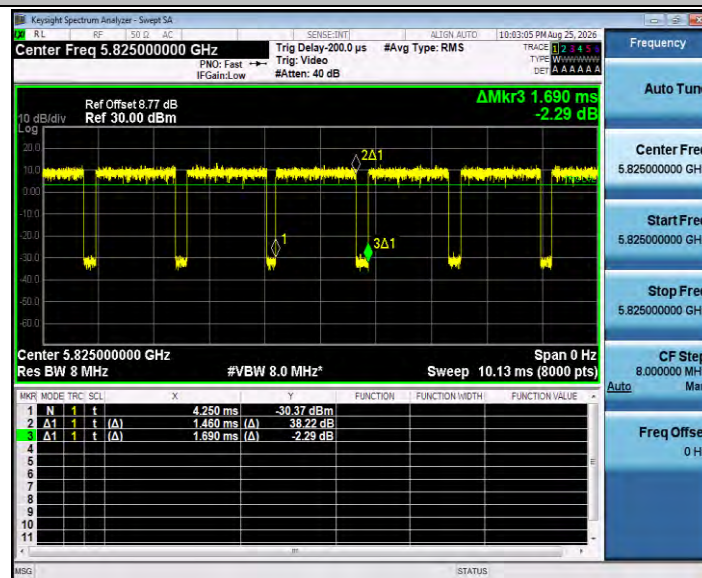
11AX20SISO_Ant1_5745



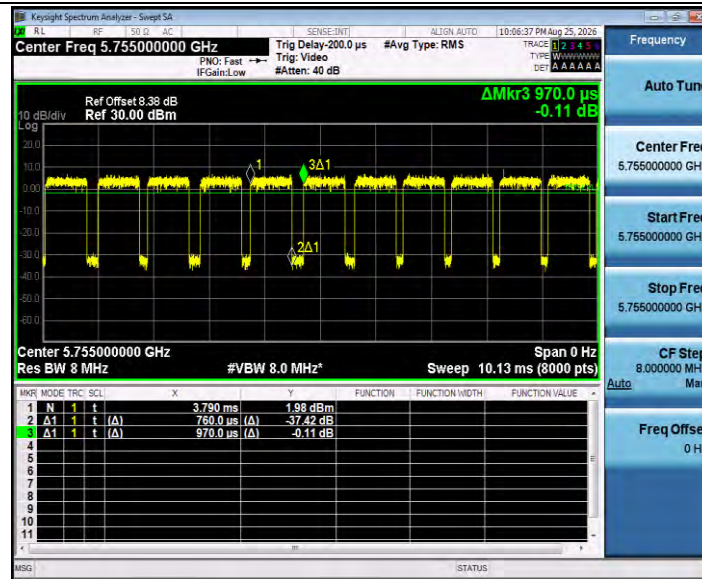
11AX20SISO_Ant1_5785



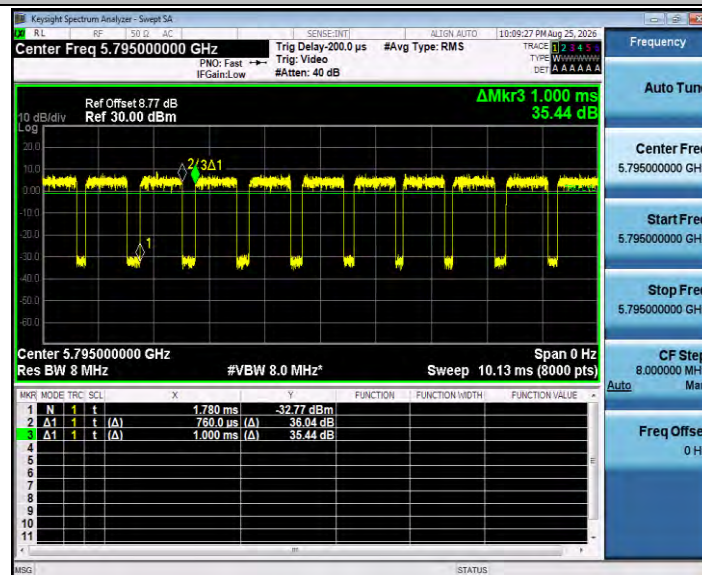
11AX20SISO_Ant1_5825



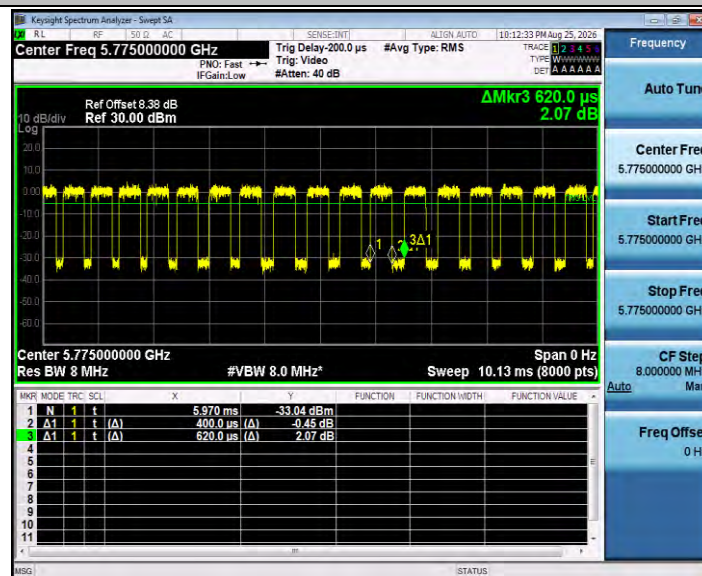
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



Appendix 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	10.21	89.82	0.47	10.68	≤30.00	PASS
		5785	11.67	94.01	0.27	11.94	≤30.00	PASS
		5825	12.63	89.82	0.47	13.10	≤30.00	PASS
11N20SISO	Ant1	5745	8.98	90.05	0.46	9.44	≤30.00	PASS
		5785	10.52	90.00	0.46	10.98	≤30.00	PASS
		5825	11.53	90.00	0.46	11.99	≤30.00	PASS
11N40SISO	Ant1	5755	8.78	66.43	1.78	10.56	≤30.00	PASS
		5795	11.35	81.58	0.88	12.23	≤30.00	PASS
11AC20SISO	Ant1	5745	9.97	89.62	0.48	10.45	≤30.00	PASS
		5785	11.46	90.91	0.41	11.87	≤30.00	PASS
		5825	12.56	90.91	0.41	12.97	≤30.00	PASS
11AC40SISO	Ant1	5755	8.37	65.73	1.82	10.19	≤30.00	PASS
		5795	10.42	79.49	1.00	11.42	≤30.00	PASS
11AC80SISO	Ant1	5775	8.05	50.00	3.01	11.06	≤30.00	PASS
11AX20SISO	Ant1	5745	9.79	87.95	0.56	10.35	≤30.00	PASS
		5785	11.40	85.88	0.66	12.06	≤30.00	PASS
		5825	12.37	86.39	0.64	13.01	≤30.00	PASS
11AX40SISO	Ant1	5755	9.56	78.35	1.06	10.62	≤30.00	PASS
		5795	10.63	76.00	1.19	11.82	≤30.00	PASS
11AX80SISO	Ant1	5775	9.40	64.52	1.90	11.30	≤30.00	PASS

AppendixE.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-3.77	≤30.00	PASS
		5785	-2.58	≤30.00	PASS
		5825	-1.25	≤30.00	PASS
11N20SISO	Ant1	5745	-5.29	≤30.00	PASS
		5785	-3.64	≤30.00	PASS
		5825	-2.60	≤30.00	PASS
11N40SISO	Ant1	5755	-6.52	≤30.00	PASS
		5795	-4.61	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.30	≤30.00	PASS
		5785	-2.61	≤30.00	PASS
		5825	-1.63	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.91	≤30.00	PASS
		5795	-4.95	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.19	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.32	≤30.00	PASS
		5785	-2.85	≤30.00	PASS
		5825	-1.90	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.54	≤30.00	PASS
		5795	-5.43	≤30.00	PASS
11AX80SISO	Ant1	5775	-8.38	≤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_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

