

Case No. : <u>GTS20260616001-4-02</u>
Ambient Condition: <u>24</u> °C, <u>58</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.17-2026.7.1</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5745	17.276	5736.4437	5753.7197	---	---
		5785	17.028	5776.5154	5793.5434	---	---
		5825	17.154	5816.3746	5833.5286	---	---
11N20SISO	Ant4	5745	18.296	5735.9561	5754.2521	---	---
		5785	18.104	5775.9801	5794.0841	---	---
		5825	18.343	5815.7995	5834.1425	---	---
11N40SISO	Ant4	5755	36.687	5736.8036	5773.4906	---	---
		5795	36.521	5776.8268	5813.3478	---	---
11AC20SISO	Ant4	5745	18.130	5736.0537	5754.1837	---	---
		5785	17.957	5776.0673	5794.0243	---	---
		5825	18.101	5815.9740	5834.0750	---	---
11AC40SISO	Ant4	5755	36.690	5736.8562	5773.5462	---	---
		5795	36.609	5776.8279	5813.4369	---	---
11AC80SISO	Ant4	5775	75.391	5737.4198	5812.8108	---	---
11AX20SISO	Ant4	5745	19.166	5735.4525	5754.6185	---	---
		5785	19.077	5775.4760	5794.5530	---	---
		5825	19.199	5815.3923	5834.5913	---	---
11AX40SISO	Ant4	5755	37.806	5736.1615	5773.9675	---	---
		5795	37.711	5776.2178	5813.9288	---	---
11AX80SISO	Ant4	5775	76.930	5736.6974	5813.6274	---	---

Test Graphs

11A_Ant4_5745



11A_Ant4_5785



11A_Ant4_5825



11N20SISO_Ant4_5745



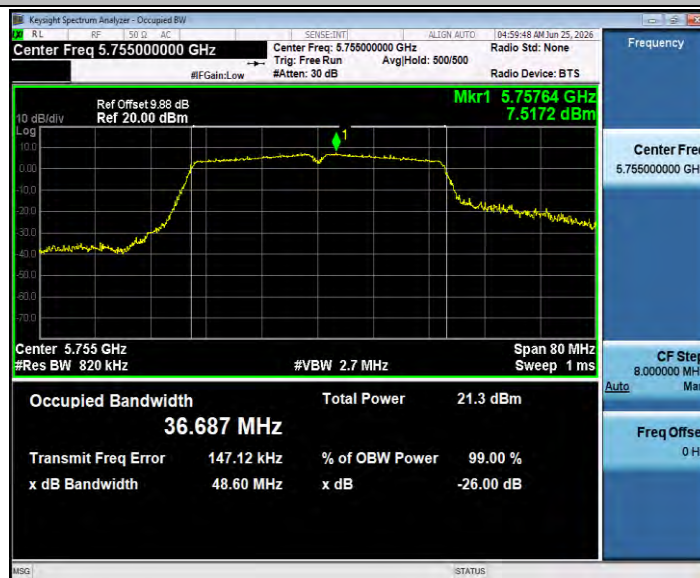
11N20SISO_Ant4_5785



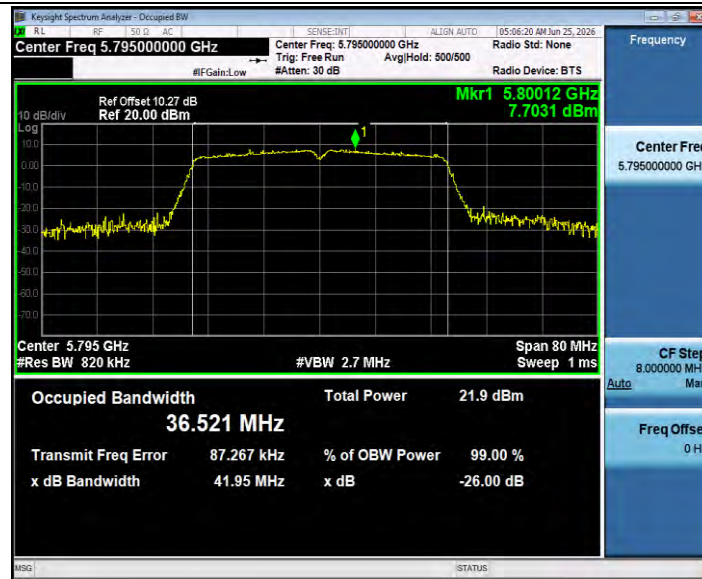
11N20SISO_Ant4_5825



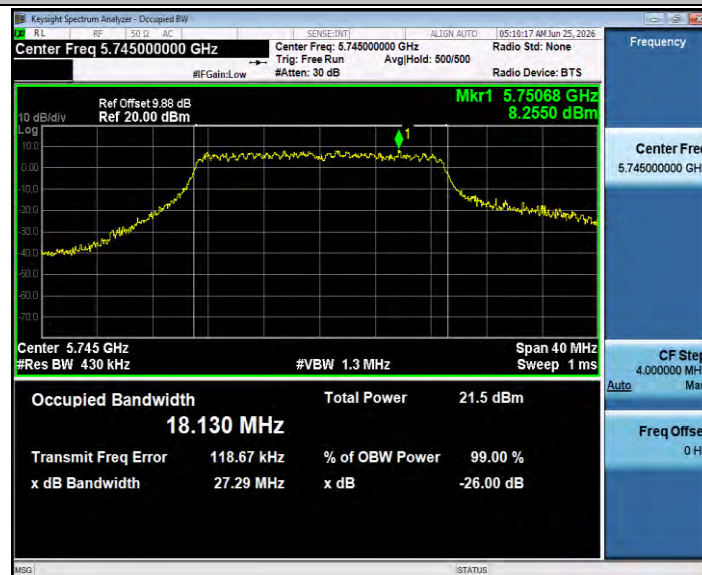
11N40SISO_Ant4_5755



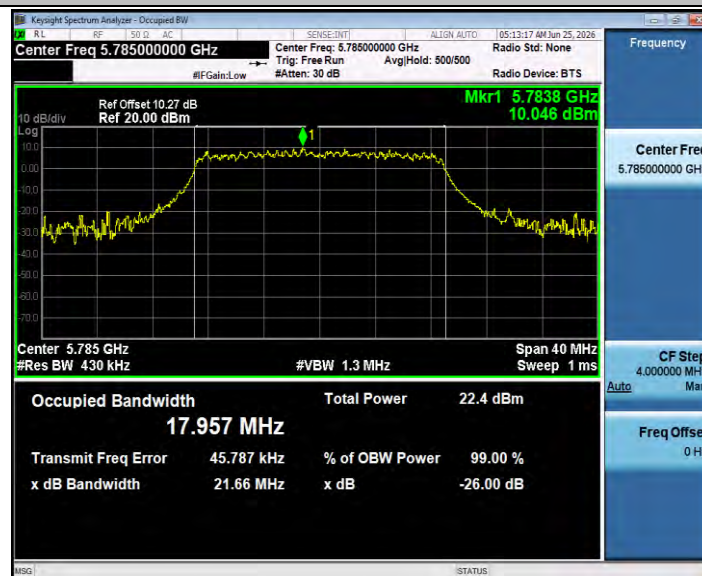
11N40SISO_Ant4_5795



11AC20SISO_Ant4_5745



11AC20SISO_Ant4_5785



11AC20SISO_Ant4_5825



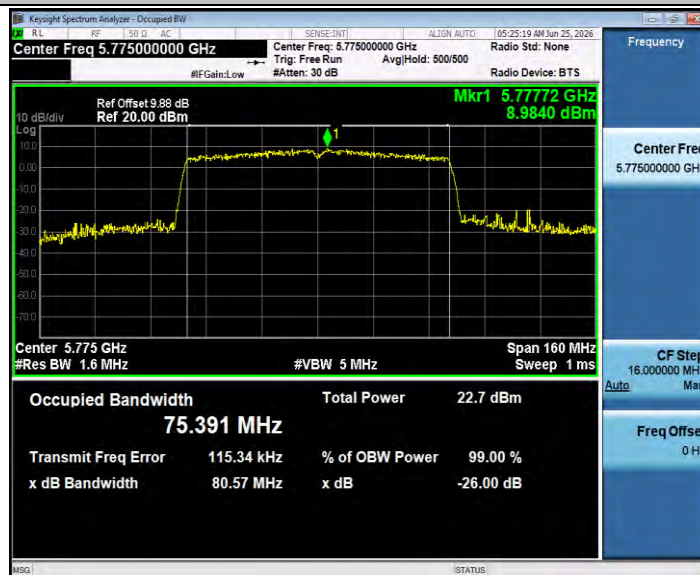
11AC40SISO_Ant4_5755



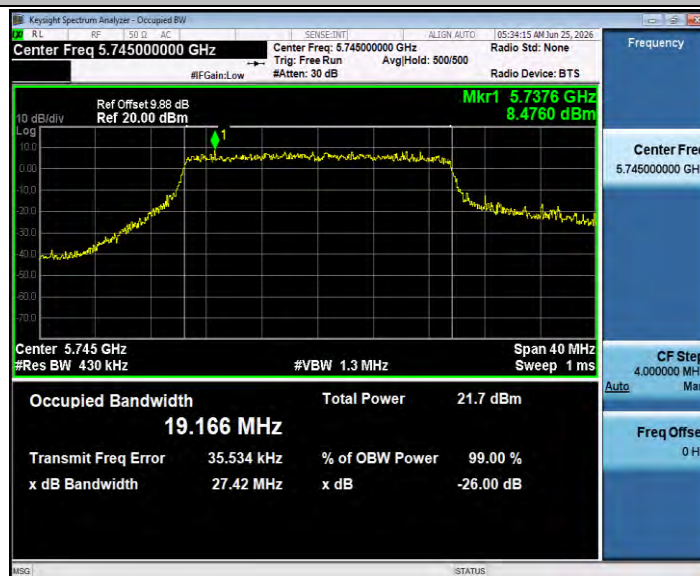
11AC40SISO_Ant4_5795



11AC80SISO_Ant4_5775



11AX20SISO_Ant4_5745



11AX20SISO_Ant4_5785



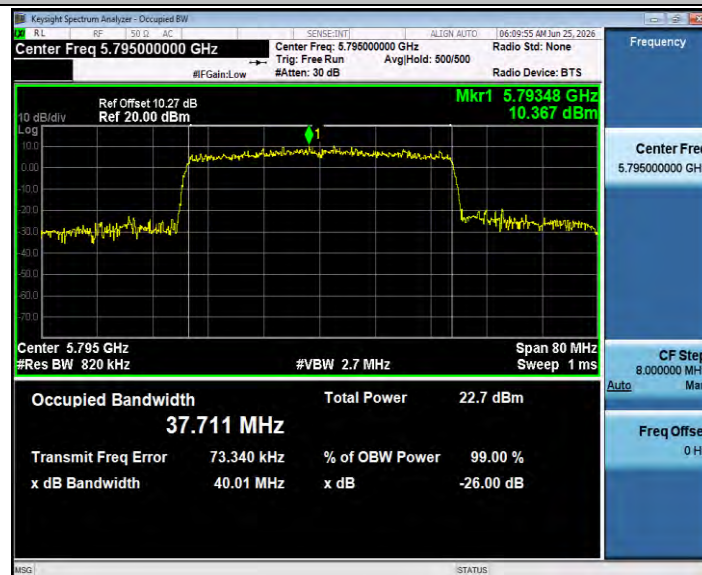
11AX20SISO_Ant4_5825



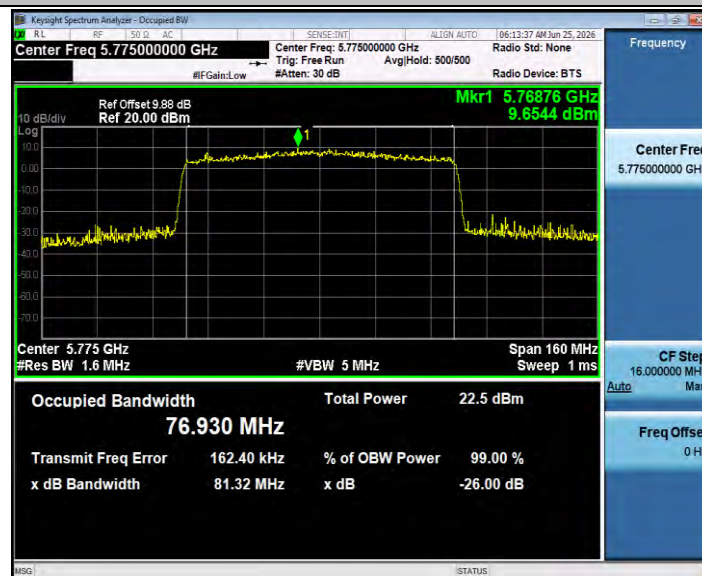
11AX40SISO_Ant4_5755



11AX40ISO_Ant4_5795



11AX80ISO_Ant4_5775



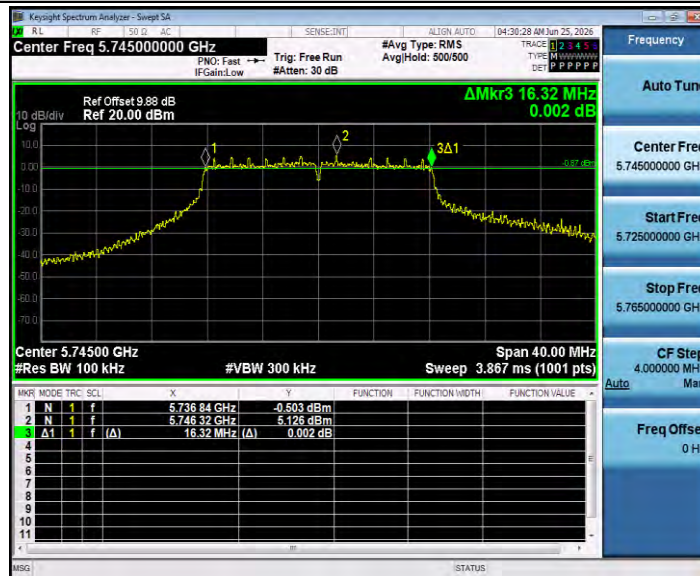
Appendix C.2: Min emission bandwidth

Test Result B4

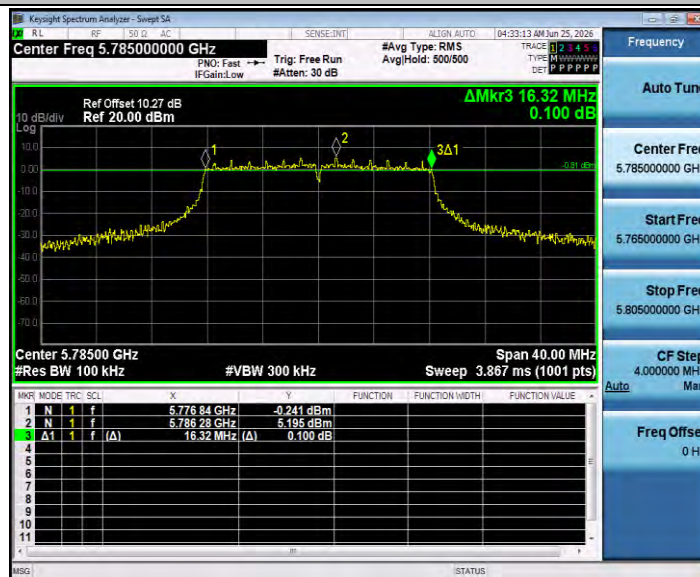
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.000	5816.880	5832.880	0.5	PASS
11N20SISO	Ant4	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	16.920	5776.480	5793.400	0.5	PASS
		5825	16.880	5816.520	5833.400	0.5	PASS
11N40SISO	Ant4	5755	35.120	5737.480	5772.600	0.5	PASS
		5795	35.120	5777.480	5812.600	0.5	PASS
11AC20SISO	Ant4	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant4	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.680	5777.480	5813.160	0.5	PASS
11AC80SISO	Ant4	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant4	5745	18.680	5735.680	5754.360	0.5	PASS
		5785	18.680	5775.720	5794.400	0.5	PASS
		5825	18.520	5815.760	5834.280	0.5	PASS
11AX40SISO	Ant4	5755	37.040	5736.760	5773.800	0.5	PASS
		5795	37.280	5776.520	5813.800	0.5	PASS
11AX80SISO	Ant4	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

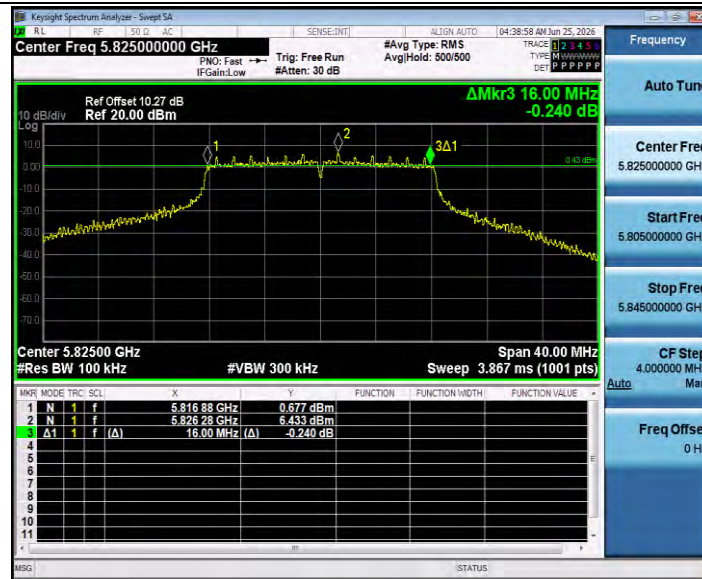
11A_Ant4_5745



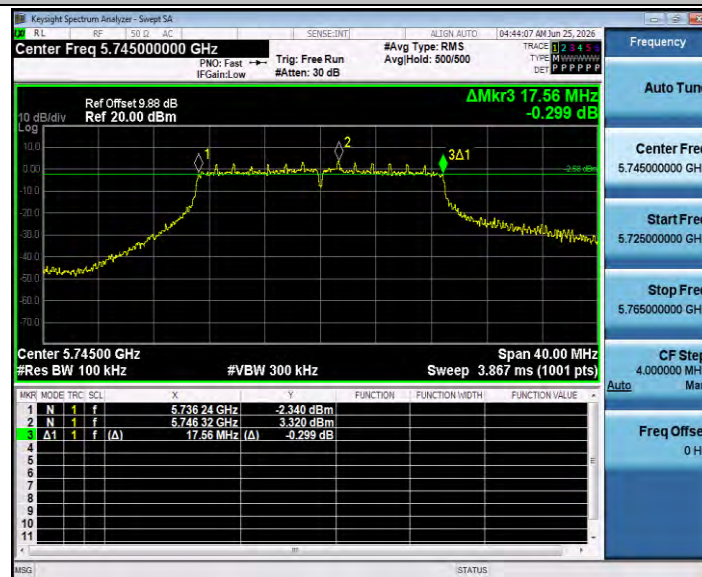
11A_Ant4_5785



11A_Ant4_5825



11N20SISO_Ant4_5745



11N20SISO_Ant4_5785



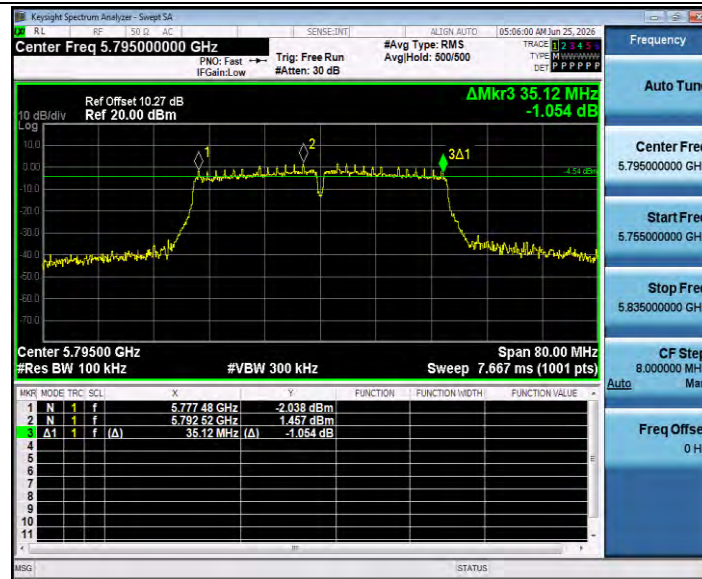
11N20SISO_Ant4_5825



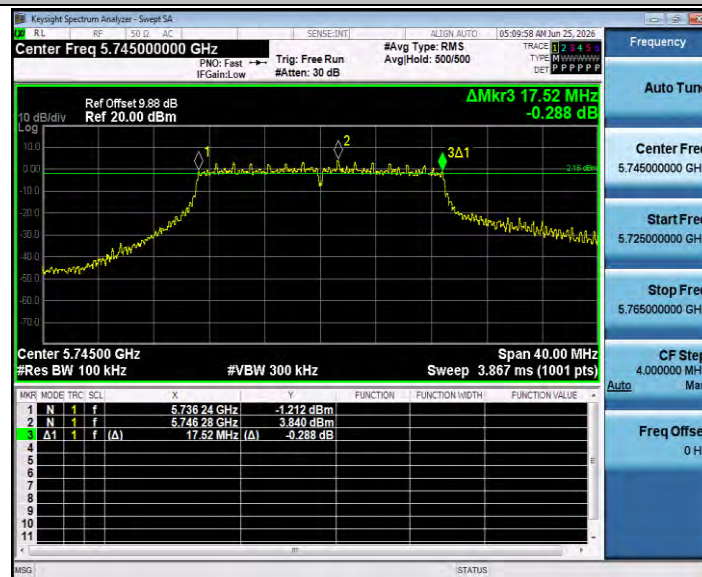
11N40SISO_Ant4_5755



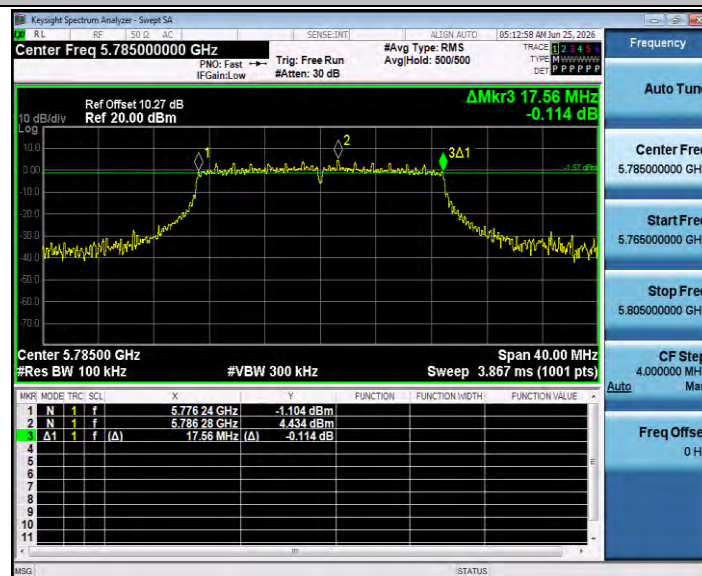
11N40SISO_Ant4_5795



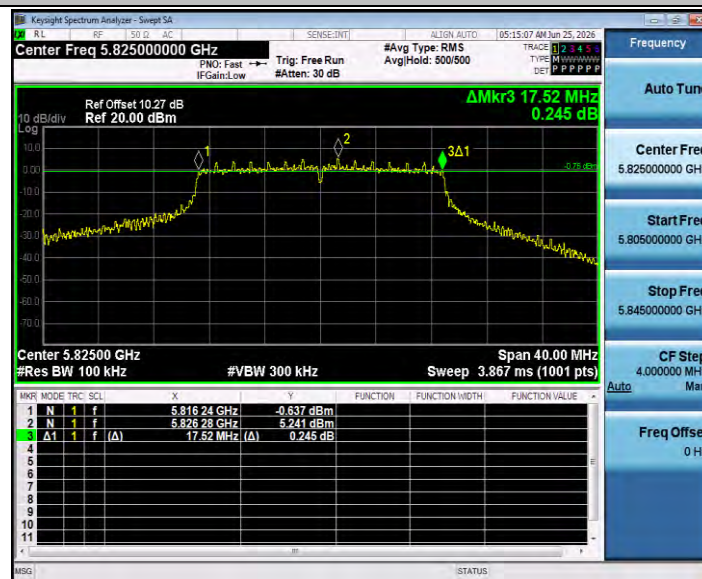
11AC20SISO_Ant4_5745



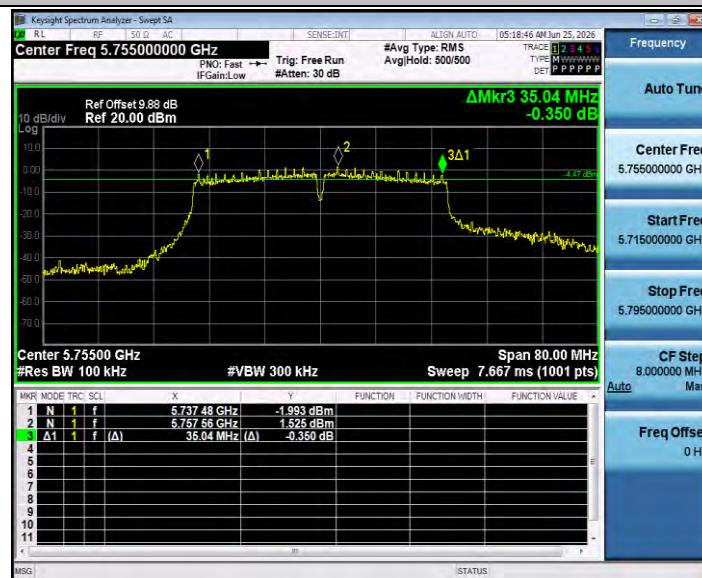
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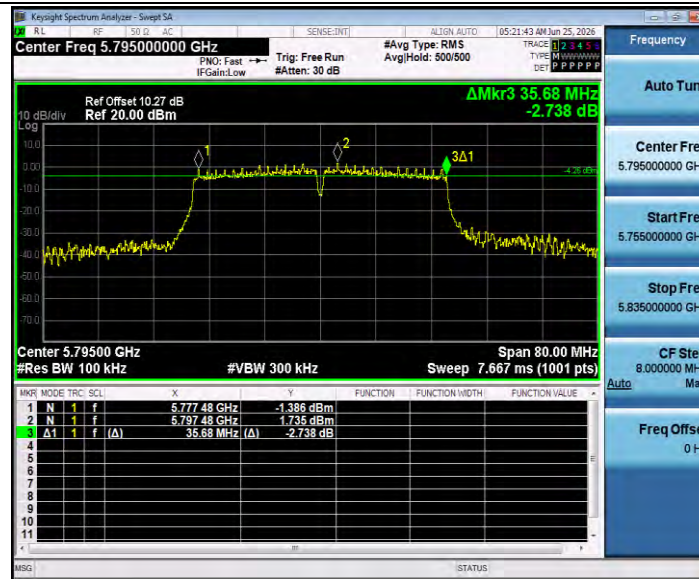
11AC20SISO_Ant4_5825



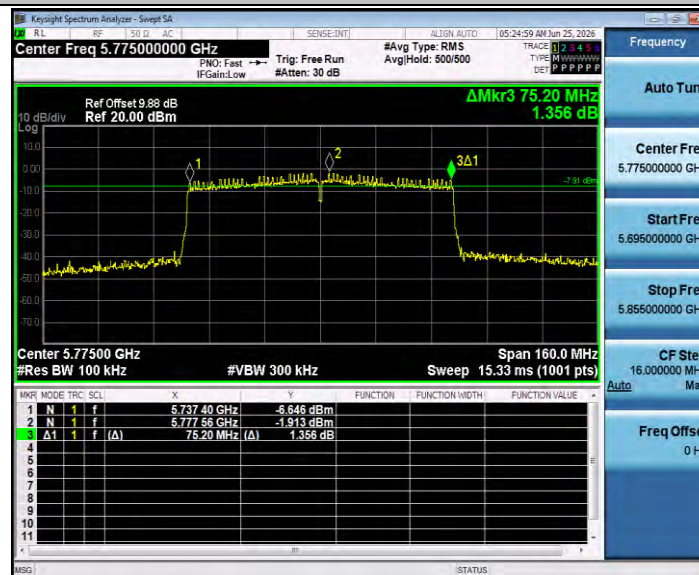
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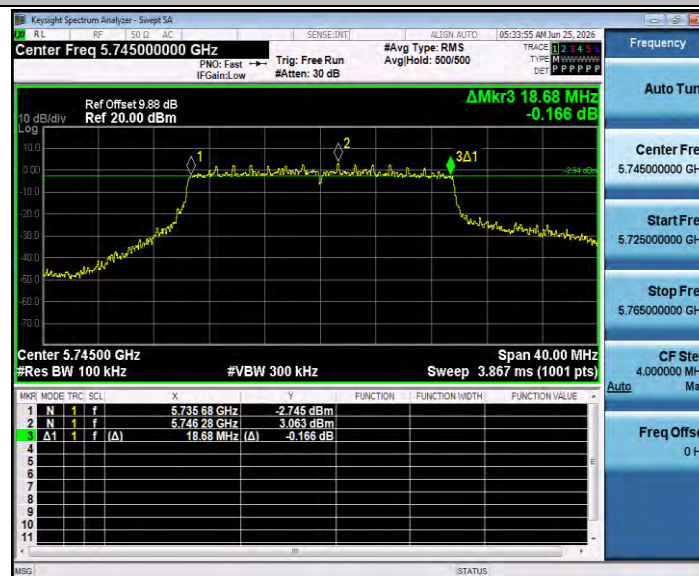
11AC40SISO_Ant4_5795



11AC80SISO_Ant4_5775



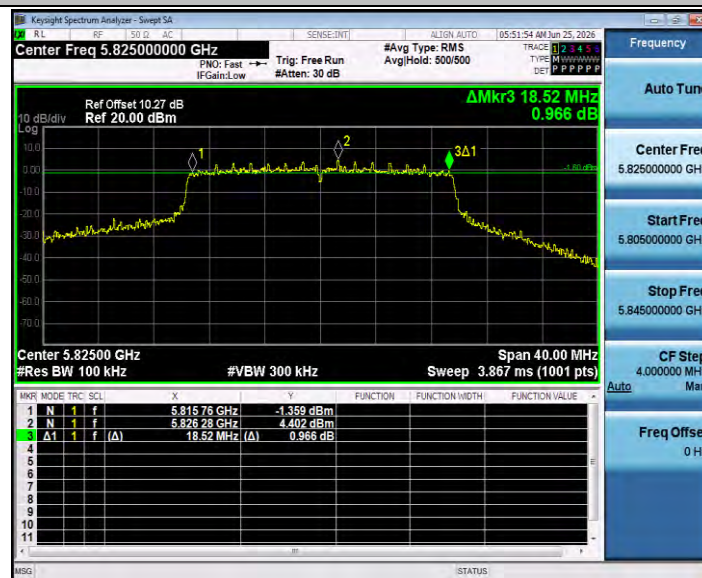
11AX20SISO_Ant4_5745



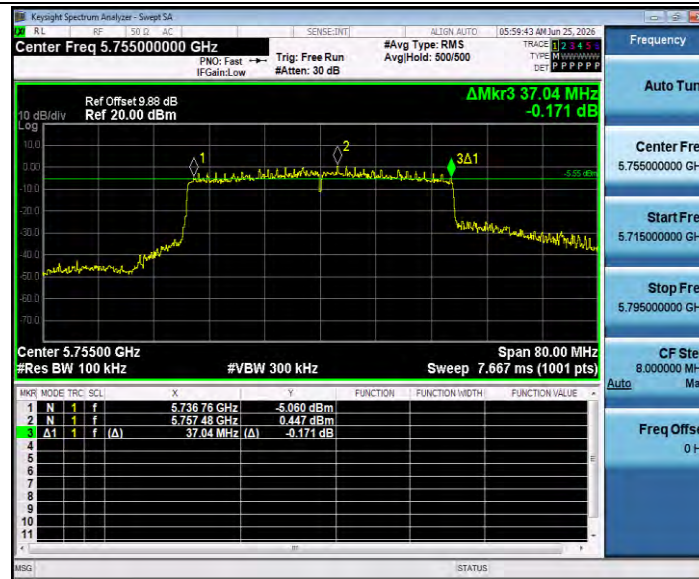
11AX20SISO_Ant4_5785



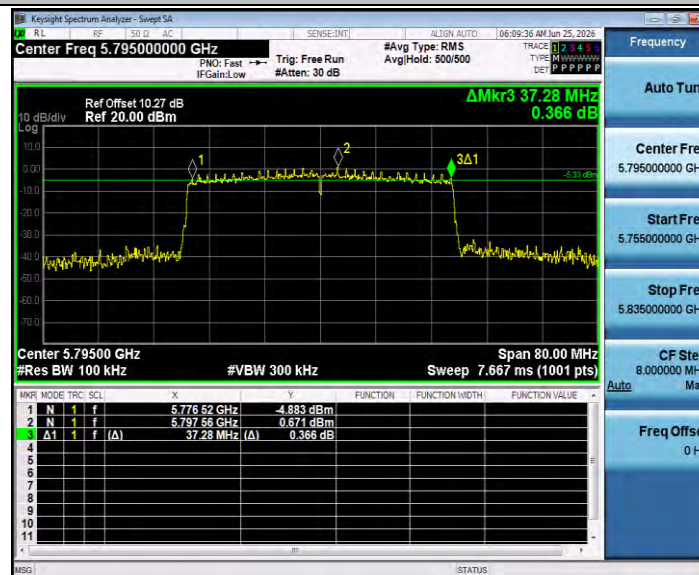
11AX20SISO_Ant4_5825



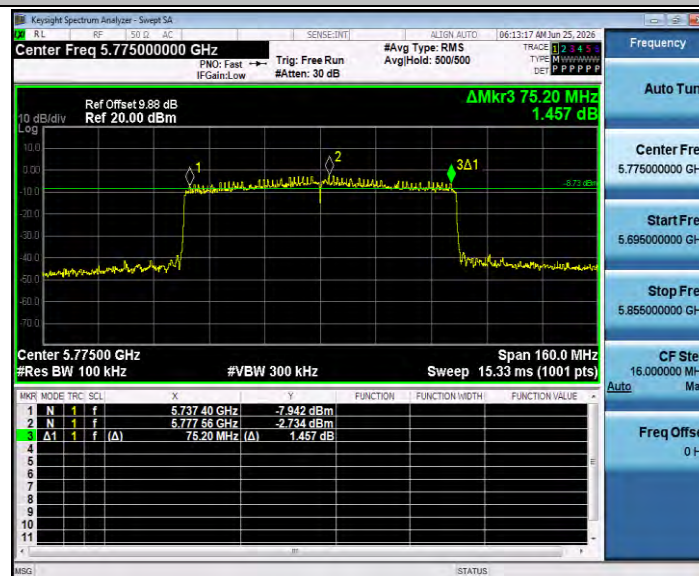
11AX40SISO_Ant4_5755



11AX40ISO_Ant4_5795



11AX80ISO_Ant4_5775

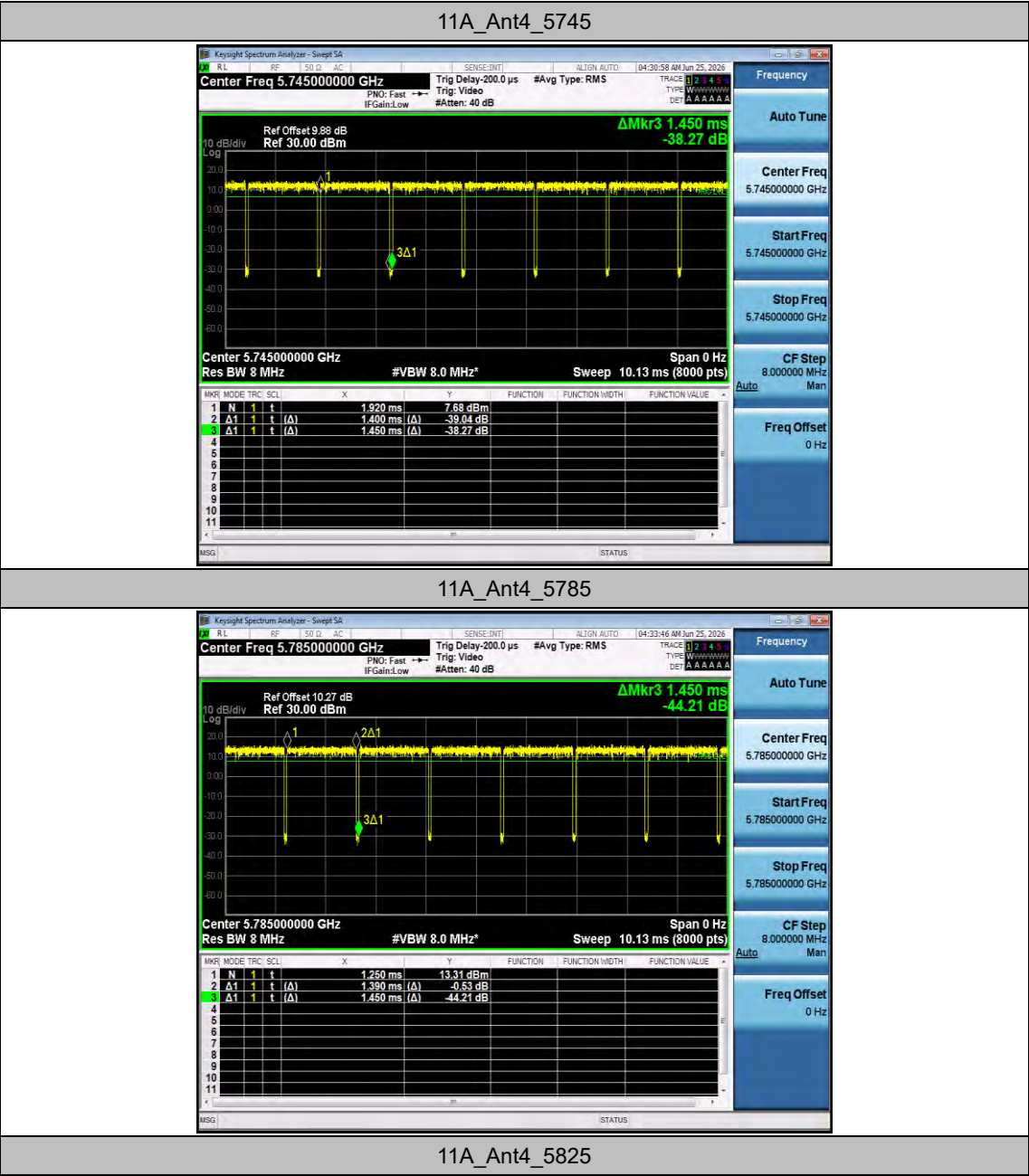


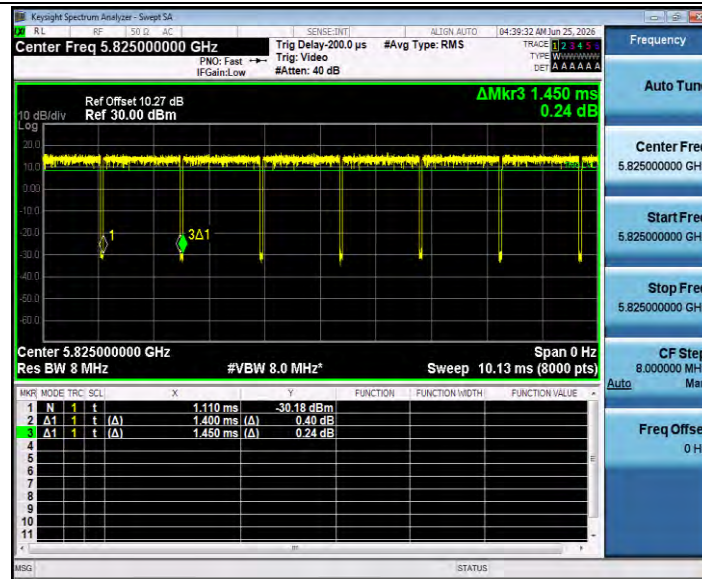
Appendix C.3: Duty Cycle

Test Result

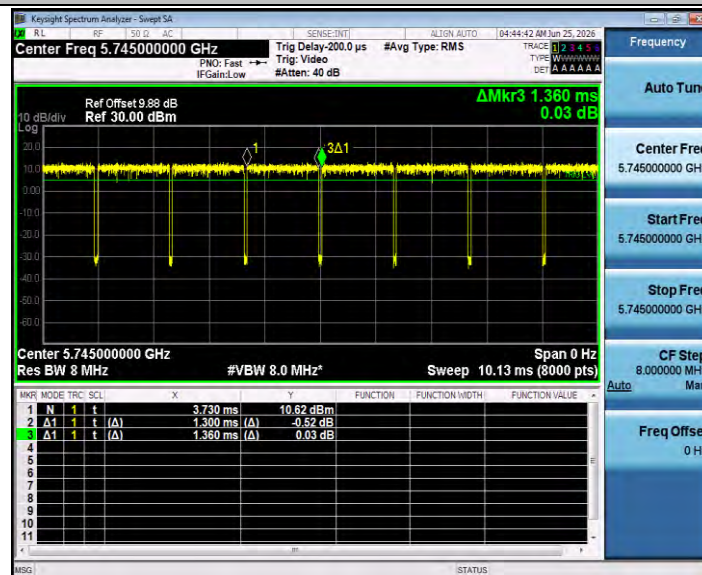
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant4	5745	1.40	1.45	96.55	0.15	0.71
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.40	1.45	96.55	0.15	0.71
11N20SISO	Ant4	5745	1.30	1.36	95.59	0.20	0.77
		5785	1.30	1.36	95.59	0.20	0.77
		5825	1.30	1.36	95.59	0.20	0.77
11N40SISO	Ant4	5755	0.64	0.70	91.43	0.39	1.56
		5795	0.64	0.70	91.43	0.39	1.56
11AC20SISO	Ant4	5745	0.48	0.54	88.89	0.51	2.08
		5785	0.47	0.53	88.68	0.52	2.13
		5825	0.48	0.53	90.57	0.43	2.08
11AC40SISO	Ant4	5755	0.26	0.31	83.87	0.76	3.85
		5795	0.26	0.32	81.25	0.90	3.85
11AC80SISO	Ant4	5775	0.14	0.20	70.00	1.55	7.14
11AX20SISO	Ant4	5745	0.43	0.49	87.76	0.57	2.33
		5785	0.43	0.48	89.58	0.48	2.33
		5825	0.42	0.48	87.50	0.58	2.38
11AX40SISO	Ant4	5755	0.42	0.48	87.50	0.58	2.38
		5795	0.43	0.48	89.58	0.48	2.33
11AX80SISO	Ant4	5775	0.41	0.47	87.23	0.59	2.44

Test Graphs

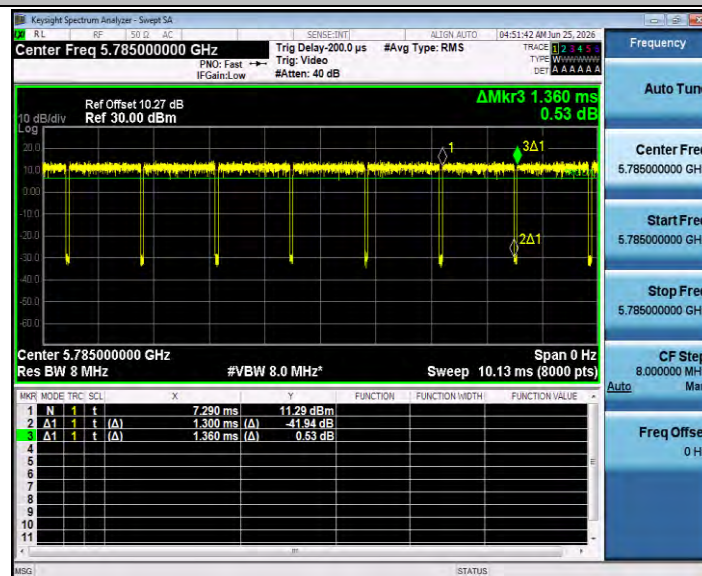




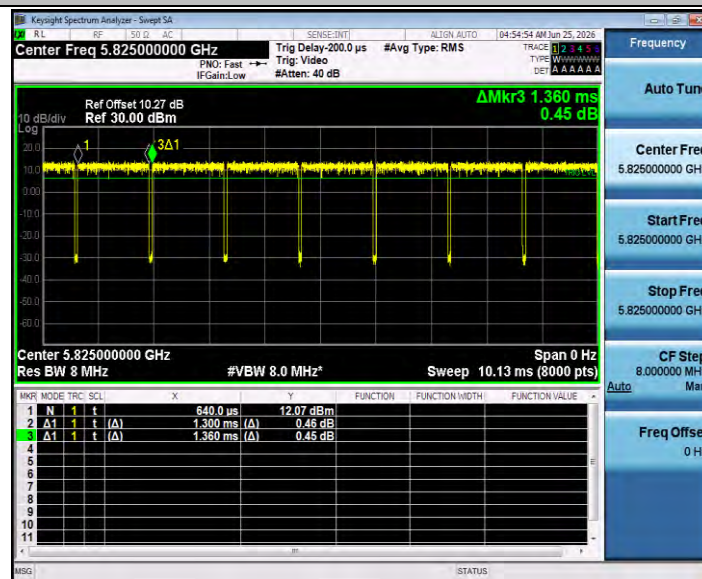
11N20SISO_Ant4_5745



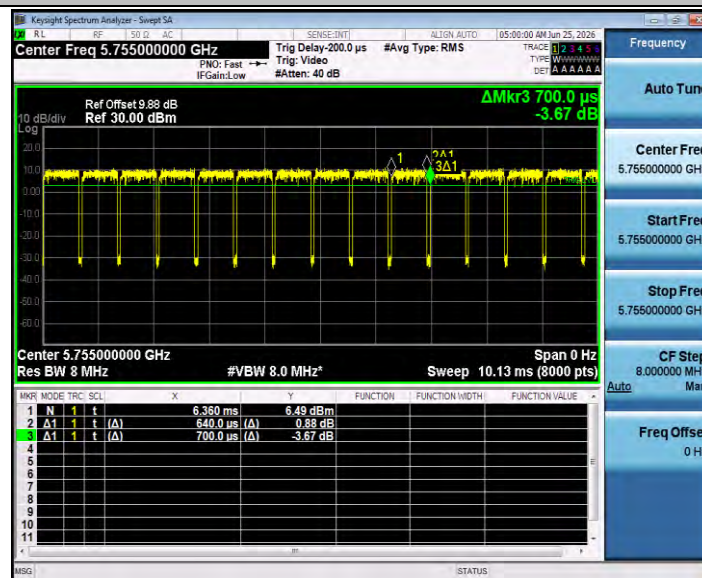
11N20SISO_Ant4_5785



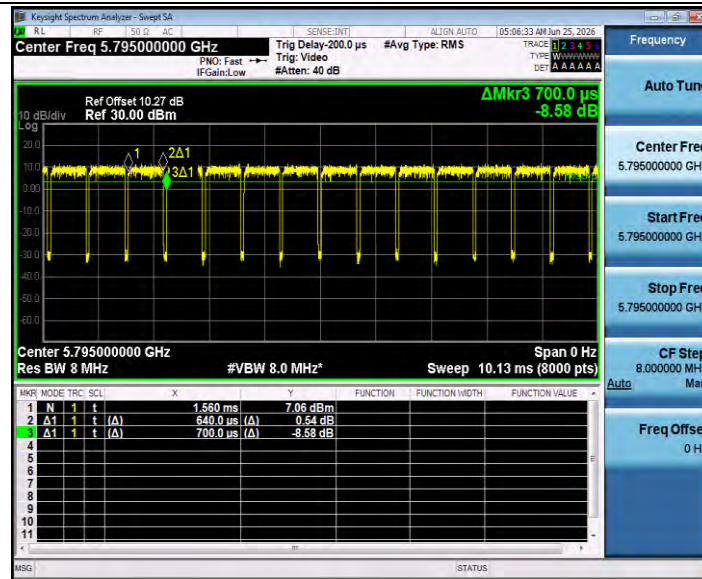
11N20SISO_Ant4_5825



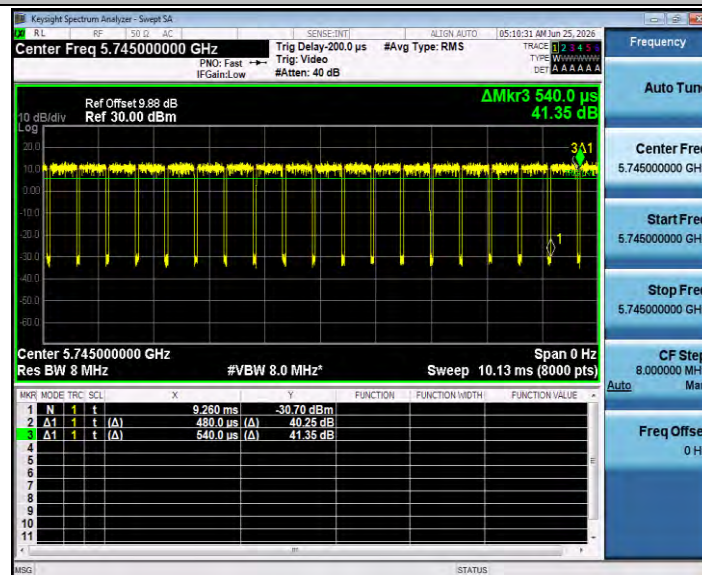
11N40SISO_Ant4_5755



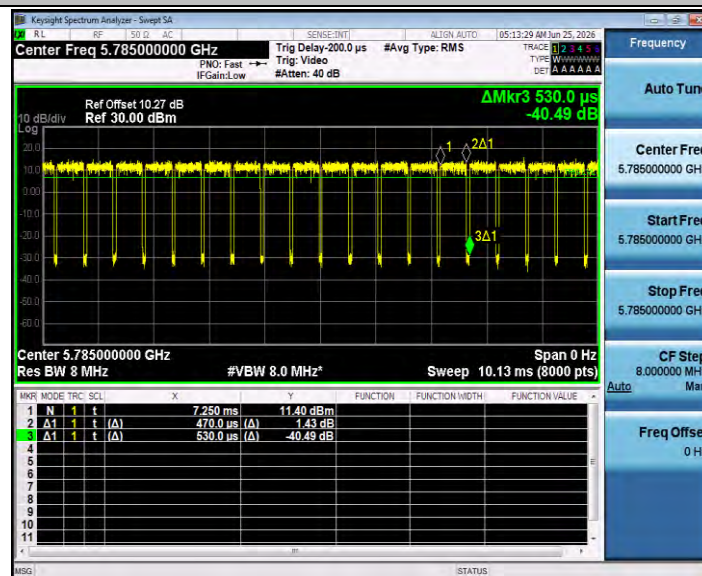
11N40SISO_Ant4_5795



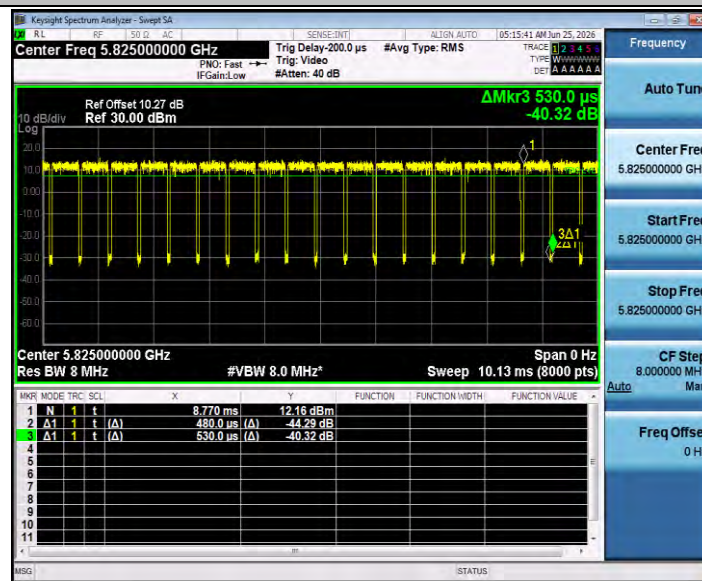
11AC20SISO_Ant4_5745



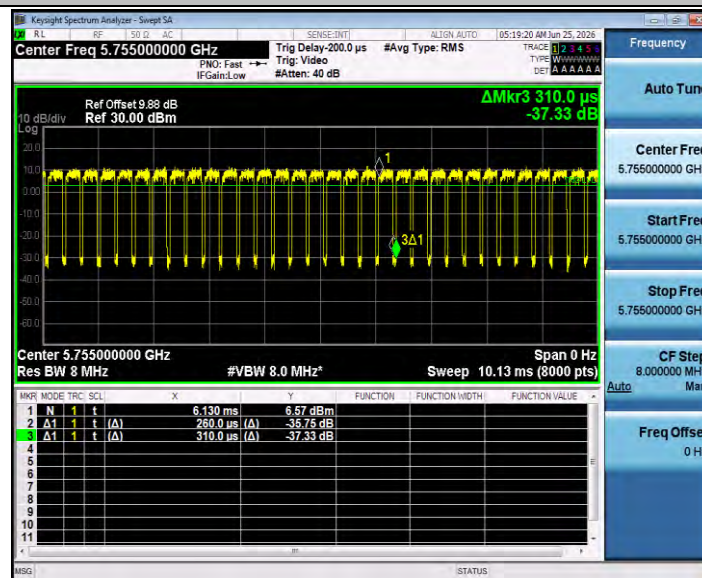
11AC20SISO_Ant4_5785



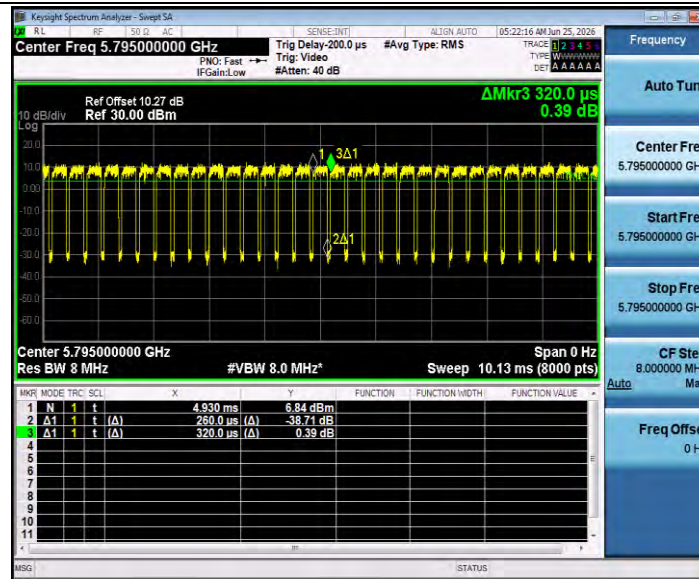
11AC20SISO_Ant4_5825



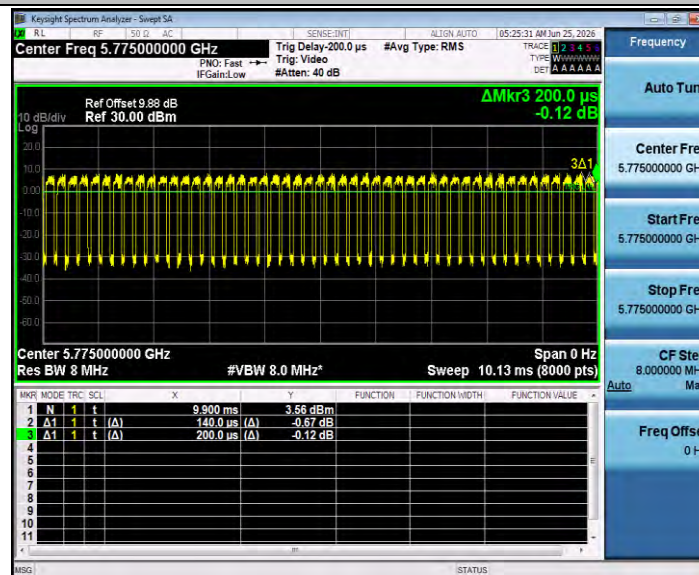
11AC40SISO_Ant4_5755



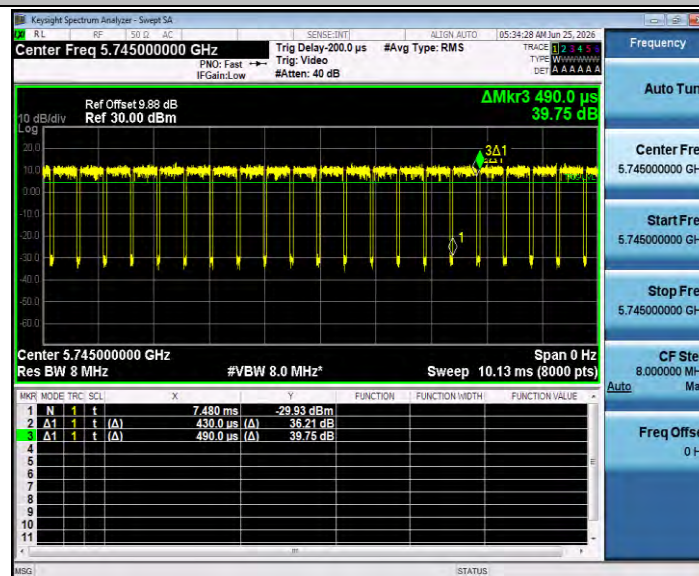
11AC40SISO_Ant4_5795



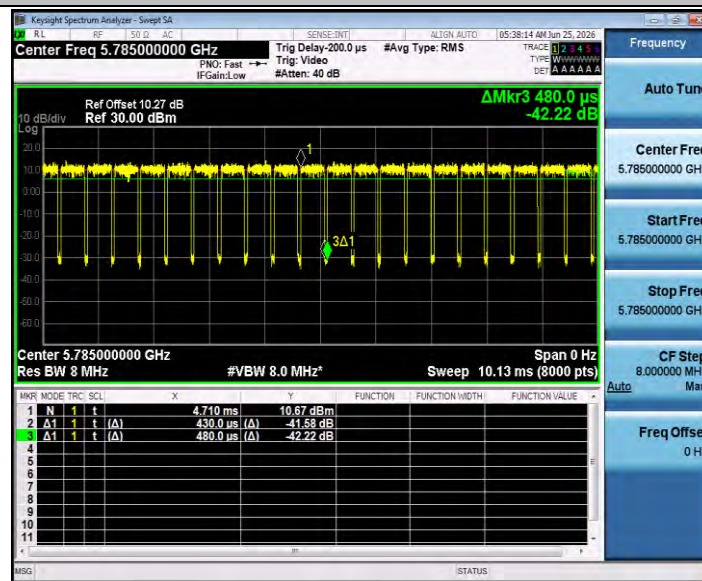
11AC80SISO_Ant4_5775



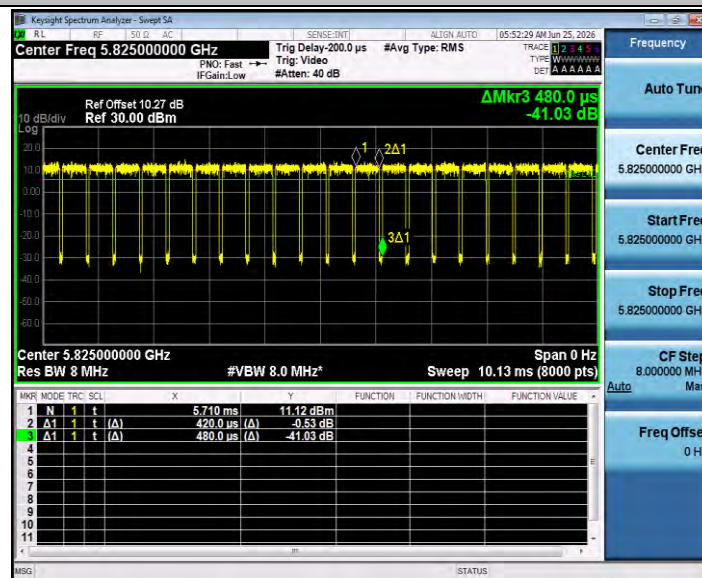
11AX20SISO_Ant4_5745



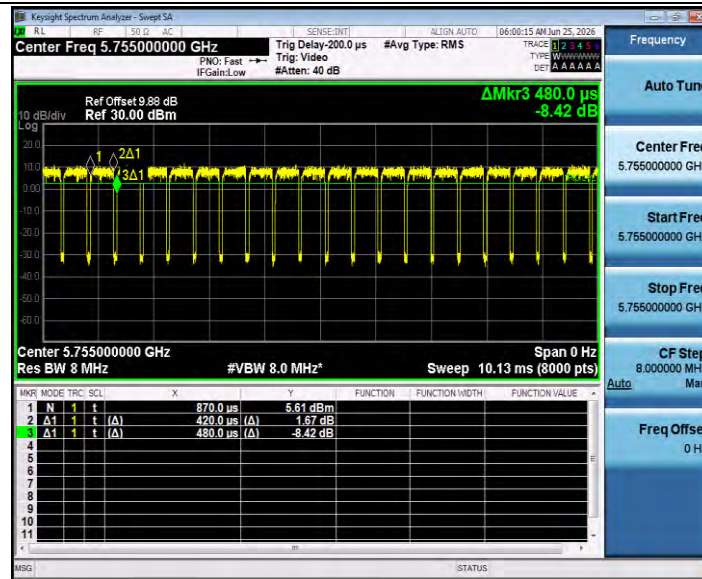
11AX20SISO_Ant4_5785



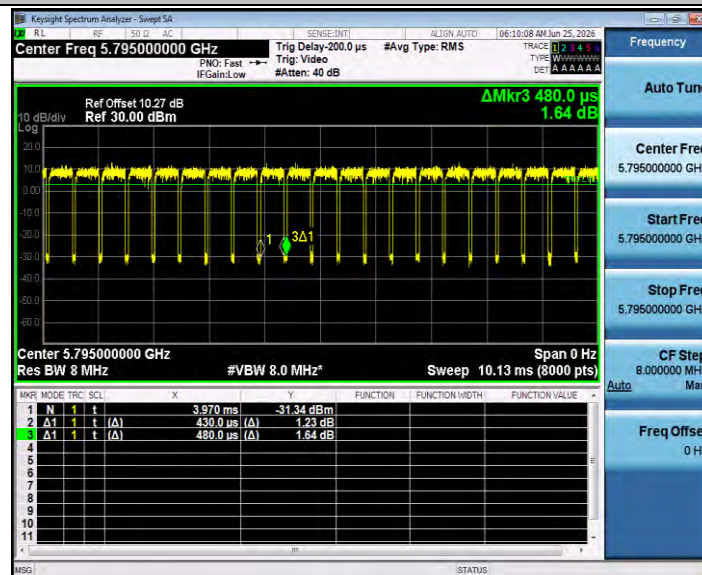
11AX20SISO_Ant4_5825



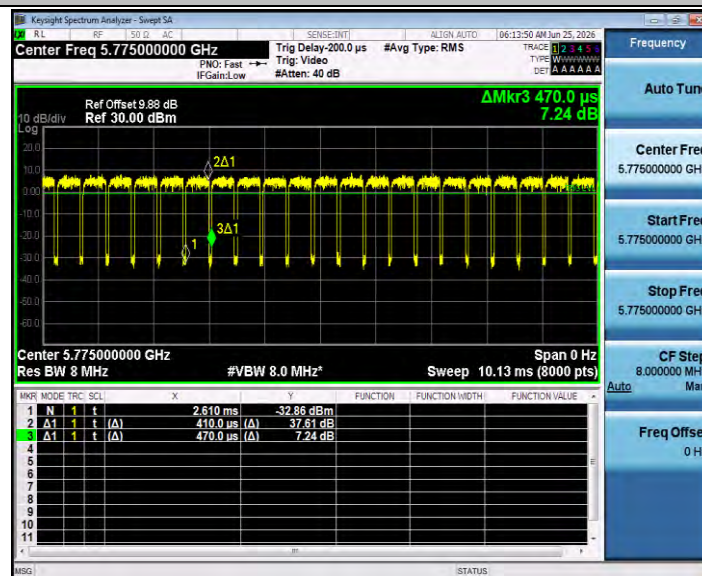
11AX40SISO_Ant4_5755



11AX40SISO_Ant4_5795



11AX80SISO_Ant4_5775



Appendix C.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant4	5745	15.51	96.55	0.15	15.66	≤30.00	PASS
		5785	15.86	95.86	0.18	16.04	≤30.00	PASS
		5825	16.45	96.55	0.15	16.60	≤30.00	PASS
11N20SISO	Ant4	5745	13.81	95.59	0.20	14.01	≤30.00	PASS
		5785	14.51	95.59	0.20	14.71	≤30.00	PASS
		5825	15.12	95.59	0.20	15.32	≤30.00	PASS
11N40SISO	Ant4	5755	13.60	91.43	0.39	13.99	≤30.00	PASS
		5795	14.24	91.43	0.39	14.63	≤30.00	PASS
11AC20SISO	Ant4	5745	13.53	88.89	0.51	14.04	≤30.00	PASS
		5785	14.40	88.68	0.52	14.92	≤30.00	PASS
		5825	14.98	90.57	0.43	15.41	≤30.00	PASS
11AC40SISO	Ant4	5755	13.10	83.87	0.76	13.86	≤30.00	PASS
		5795	13.78	81.25	0.90	14.68	≤30.00	PASS
11AC80SISO	Ant4	5775	12.57	70.00	1.55	14.12	≤30.00	PASS
11AX20SISO	Ant4	5745	13.21	87.76	0.57	13.78	≤30.00	PASS
		5785	13.78	89.58	0.48	14.26	≤30.00	PASS
		5825	14.38	87.50	0.58	14.96	≤30.00	PASS
11AX40SISO	Ant4	5755	12.94	87.50	0.58	13.52	≤30.00	PASS
		5795	13.43	89.58	0.48	13.91	≤30.00	PASS
11AX80SISO	Ant4	5775	12.71	87.23	0.59	13.30	≤30.00	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant4	5745	1.79	≤30.00	PASS
		5785	2.61	≤30.00	PASS
		5825	2.83	≤30.00	PASS
11N20SISO	Ant4	5745	-0.25	≤30.00	PASS
		5785	0.78	≤30.00	PASS
		5825	1.24	≤30.00	PASS
11N40SISO	Ant4	5755	-2.33	≤30.00	PASS
		5795	-1.83	≤30.00	PASS
11AC20SISO	Ant4	5745	0.22	≤30.00	PASS
		5785	1.22	≤30.00	PASS
		5825	1.76	≤30.00	PASS
11AC40SISO	Ant4	5755	-1.98	≤30.00	PASS
		5795	-1.43	≤30.00	PASS
11AC80SISO	Ant4	5775	-4.58	≤30.00	PASS
11AX20SISO	Ant4	5745	-0.91	≤30.00	PASS
		5785	-0.39	≤30.00	PASS
		5825	0.24	≤30.00	PASS
11AX40SISO	Ant4	5755	-2.92	≤30.00	PASS
		5795	-2.83	≤30.00	PASS
11AX80SISO	Ant4	5775	-6.20	≤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_Ant4_5745



11A_Ant4_5785



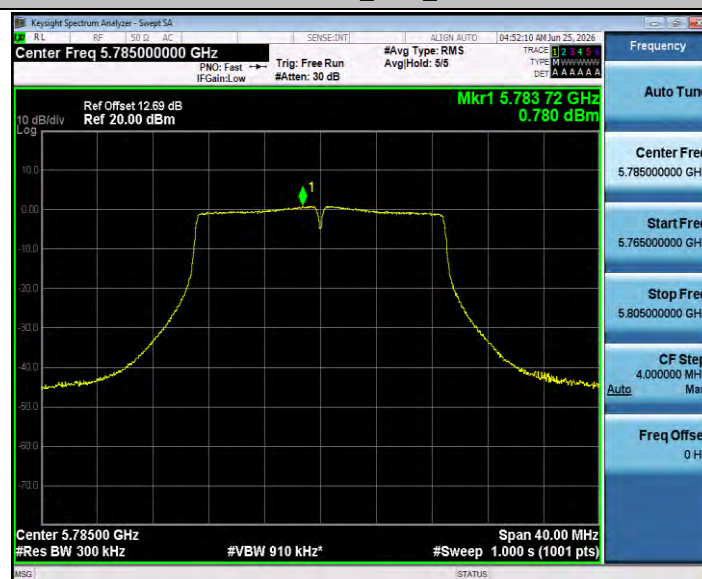
11A_Ant4_5825



11N20SISO_Ant4_5745



11N20SISO_Ant4_5785



11N20SISO_Ant4_5825



11N40SISO_Ant4_5755



11N40SISO_Ant4_5795



11AC20SISO_Ant4_5745



11AC20SISO_Ant4_5785



11AC20SISO_Ant4_5825



11AC40SISO_Ant4_5755



11AC40SISO_Ant4_5795



11AC80SISO_Ant4_5775



11AX20SISO_Ant4_5745



11AX20SISO_Ant4_5785



11AX20SISO_Ant4_5825



11AX40SISO_Ant4_5755



11AX40SISO_Ant4_5795



11AX80SISO_Ant4_5775

