

Case No. : <u>GTS20260604026-1-04</u>
Ambient Condition: <u>23</u> °C, <u>56</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.25-2026.7.22</u> Test Engineer: <u>Evan ouyang</u>

AppendixE.2: Occupied channel bandwidth

Test Result

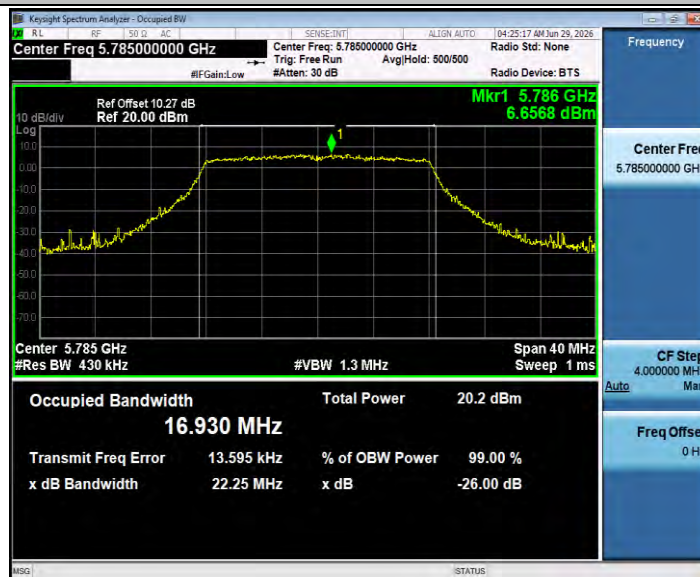
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.199	5736.4903	5753.6893	---	---
		5785	16.930	5776.5486	5793.4786	---	---
		5825	17.183	5816.3525	5833.5355	---	---
11N20SISO	Ant1	5745	18.388	5735.9347	5754.3227	---	---
		5785	18.095	5775.9637	5794.0587	---	---
		5825	18.275	5815.8213	5834.0963	---	---
11N40SISO	Ant1	5755	36.695	5736.8469	5773.5419	---	---
		5795	36.497	5776.8785	5813.3755	---	---
11AC20SISO	Ant1	5745	18.349	5735.9278	5754.2768	---	---
		5785	18.100	5775.9594	5794.0594	---	---
		5825	18.249	5815.8429	5834.0919	---	---
11AC40SISO	Ant1	5755	36.778	5736.8014	5773.5794	---	---
		5795	36.361	5776.8782	5813.2392	---	---
11AX20SISO	Ant1	5745	19.230	5735.4477	5754.6777	---	---
		5785	19.142	5775.4387	5794.5807	---	---
		5825	19.152	5815.4225	5834.5745	---	---
11AX40SISO	Ant1	5755	37.934	5736.1340	5774.0680	---	---
		5795	37.722	5776.2248	5813.9468	---	---

Test Graphs

11A_Ant1_5745



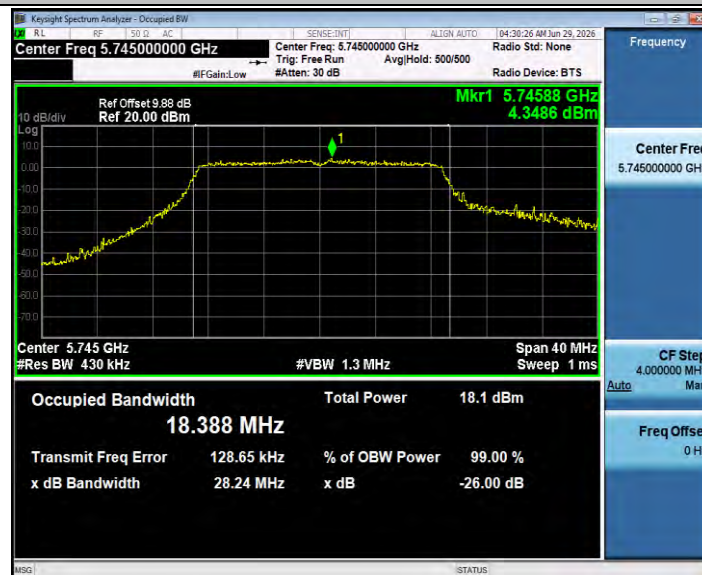
11A_Ant1_5785



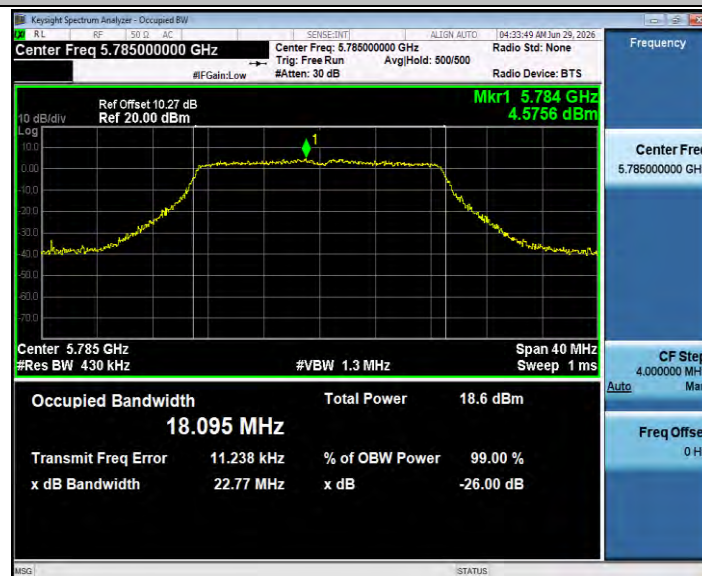
11A_Ant1_5825



11N20SISO_Ant1_5745



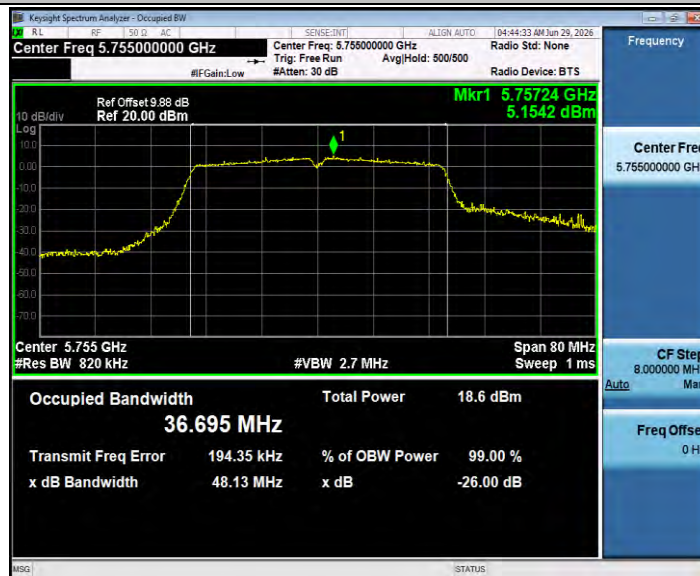
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



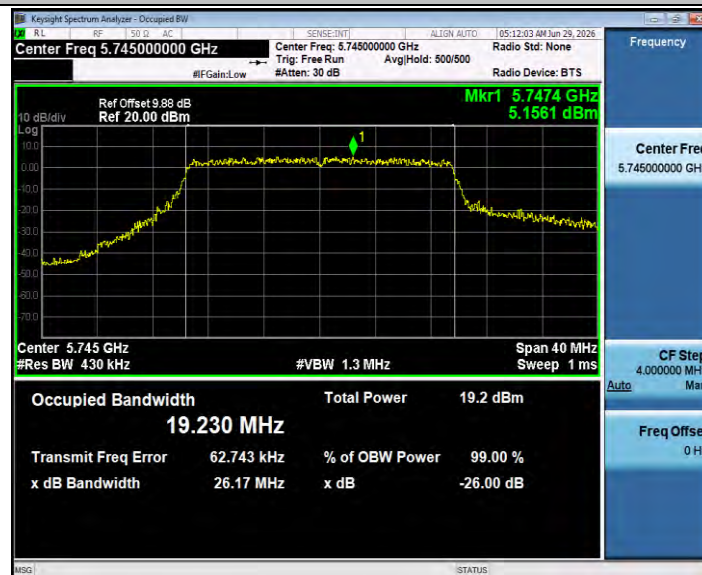
11AC40SISO_Ant1_5755



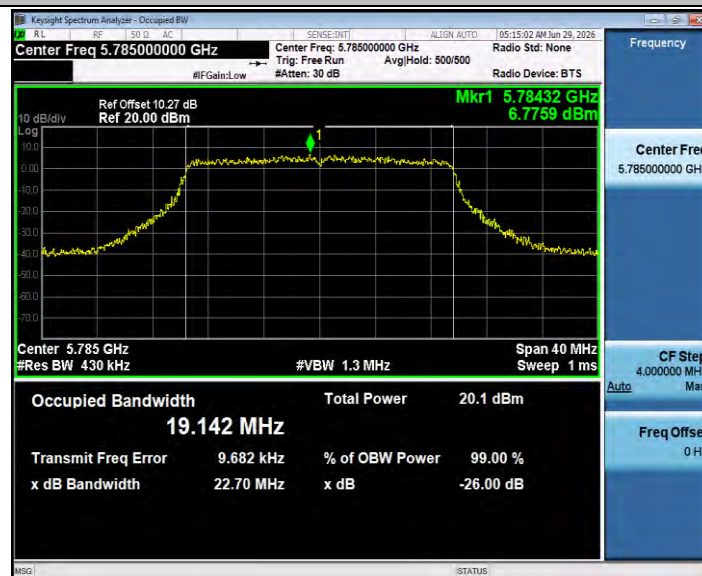
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



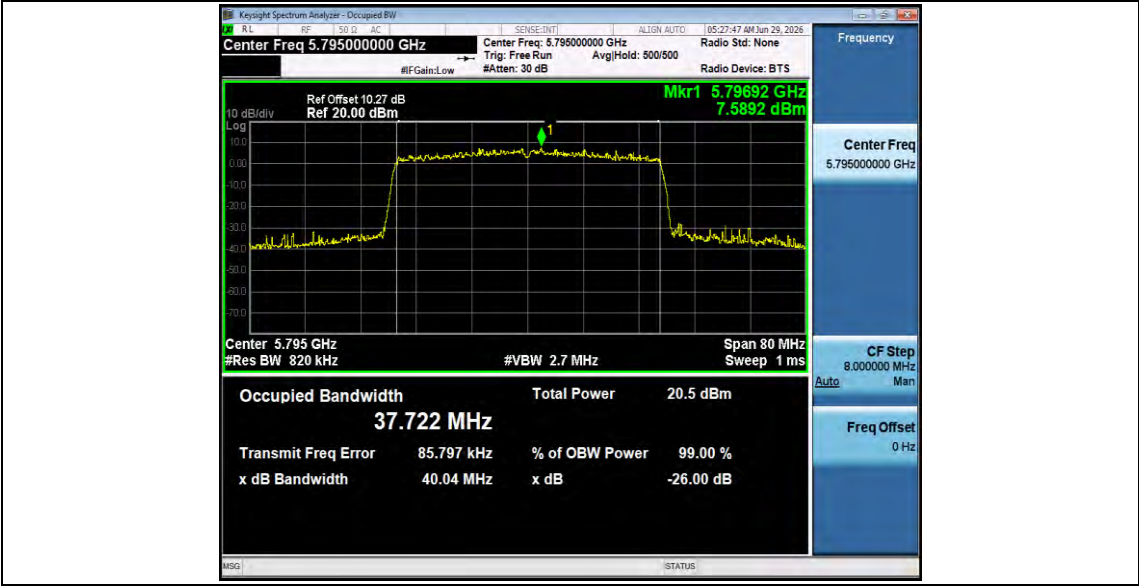
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



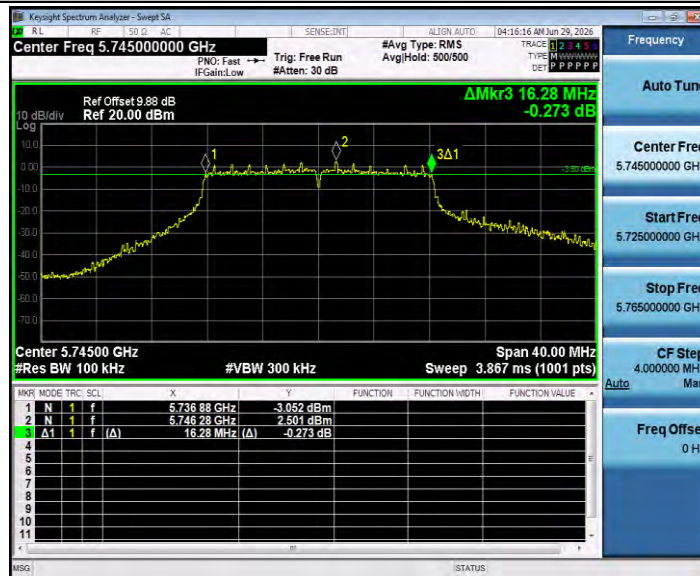
AppendixE.2: Min emission bandwidth

Test Result B4

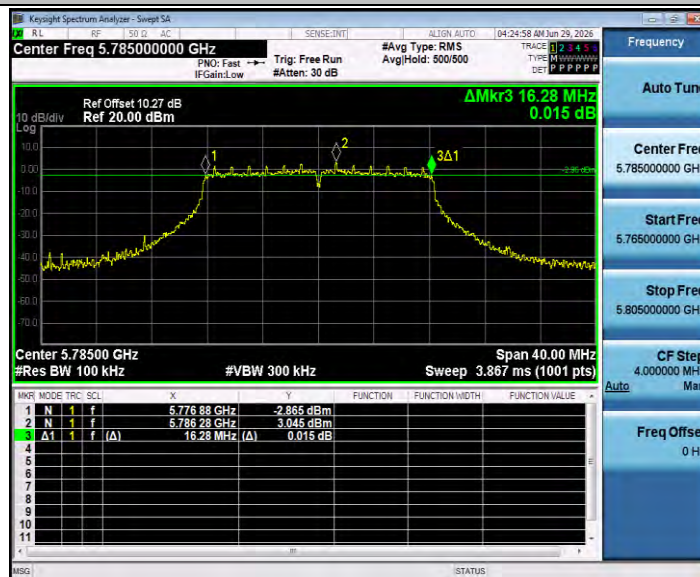
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5736.880	5753.160	0.5	PASS
		5785	16.280	5776.880	5793.160	0.5	PASS
		5825	16.280	5816.880	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.320	5736.240	5753.560	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.040	5816.520	5833.560	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
		5795	35.120	5777.480	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	17.160	5736.280	5753.440	0.5	PASS
		5785	17.200	5776.240	5793.440	0.5	PASS
		5825	16.520	5816.880	5833.400	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
		5795	35.120	5777.480	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	18.920	5735.560	5754.480	0.5	PASS
		5785	18.680	5775.680	5794.360	0.5	PASS
		5825	18.360	5815.760	5834.120	0.5	PASS
11AX40SISO	Ant1	5755	36.160	5736.600	5772.760	0.5	PASS
		5795	36.000	5776.680	5812.680	0.5	PASS

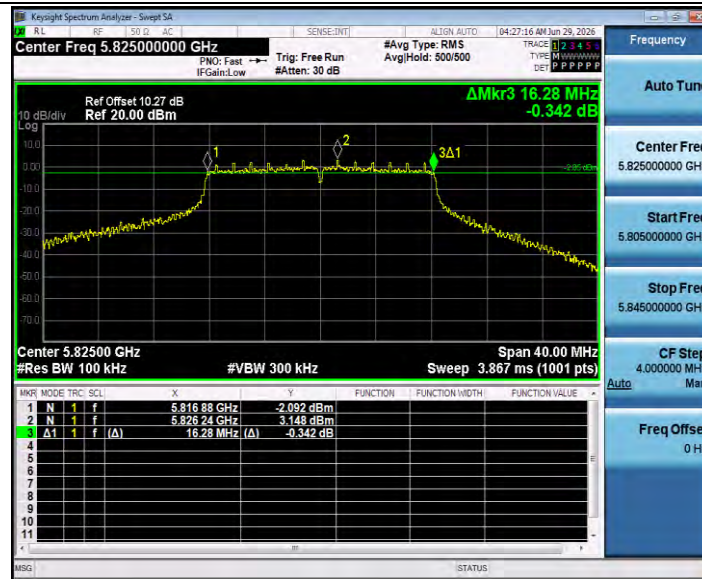
Test Graphs B4

11A_Ant1_5745

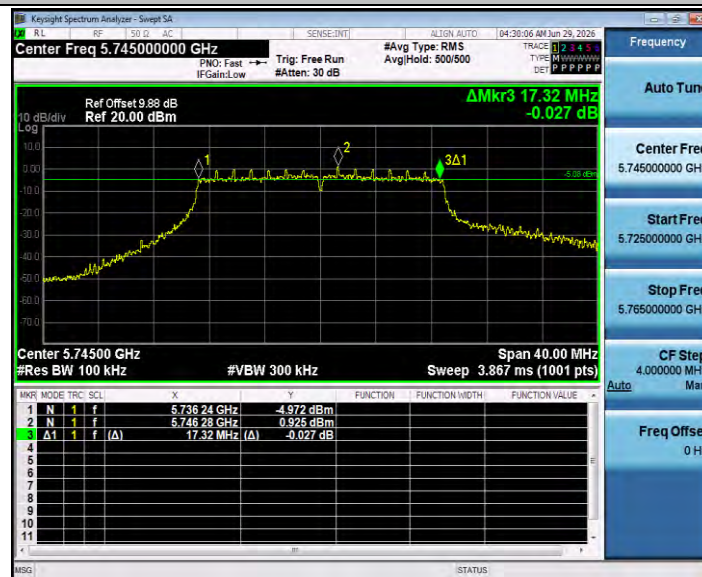


11A_Ant1_5785

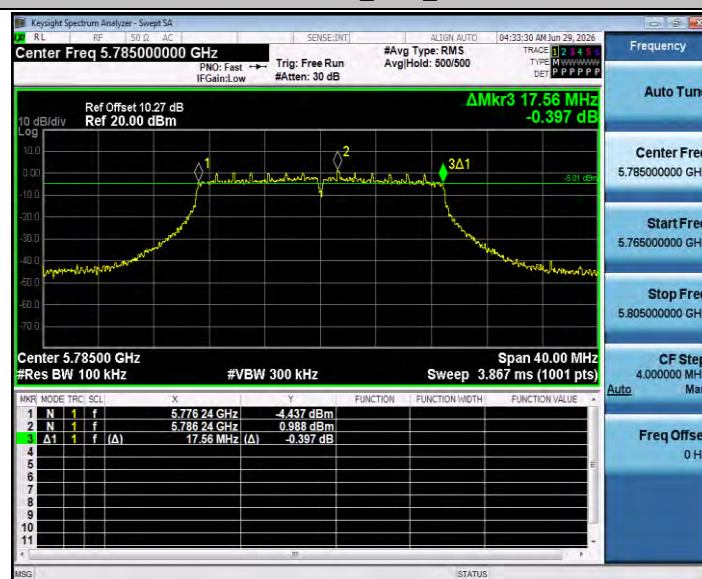




11N20SISO_Ant1_5745



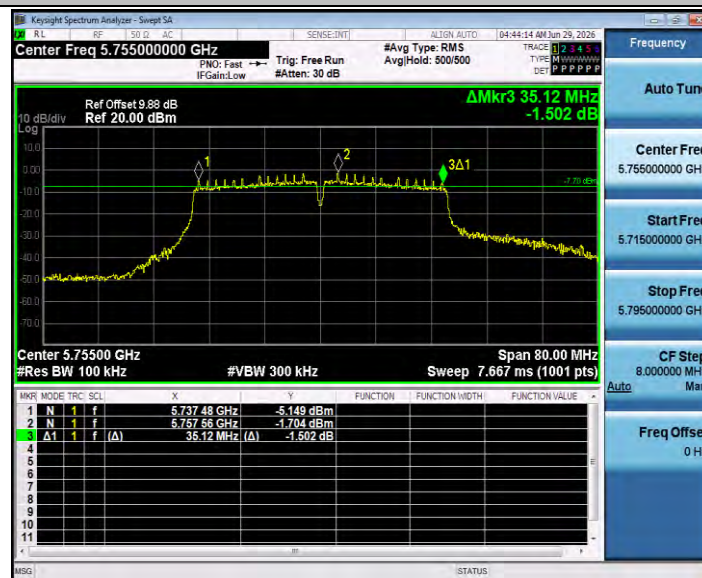
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



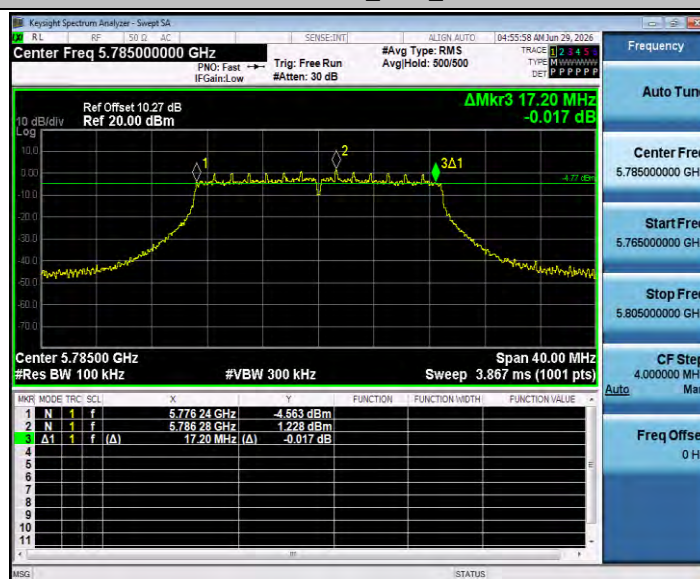
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



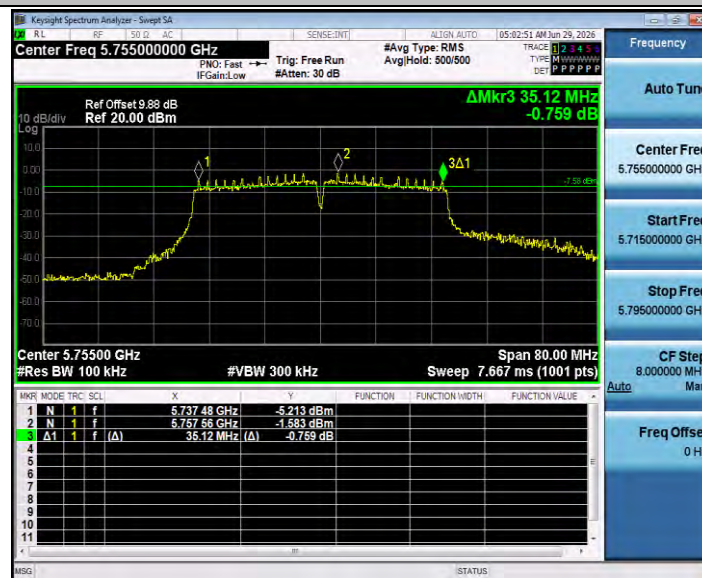
11AC20SISO_Ant1_5785



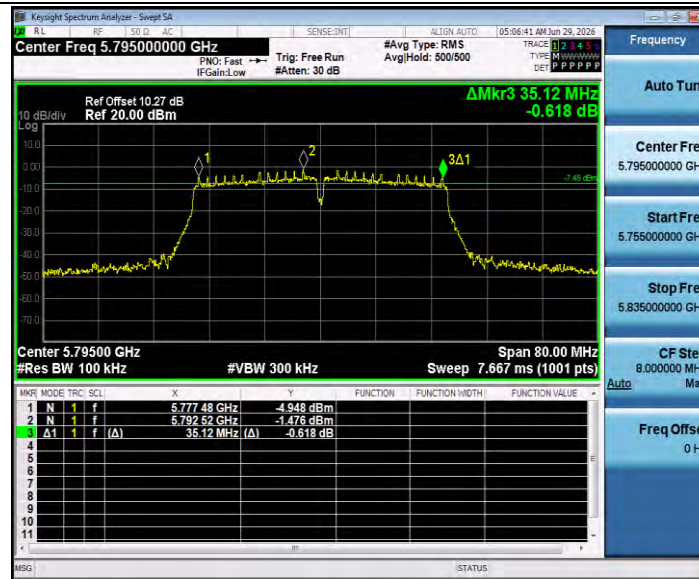
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



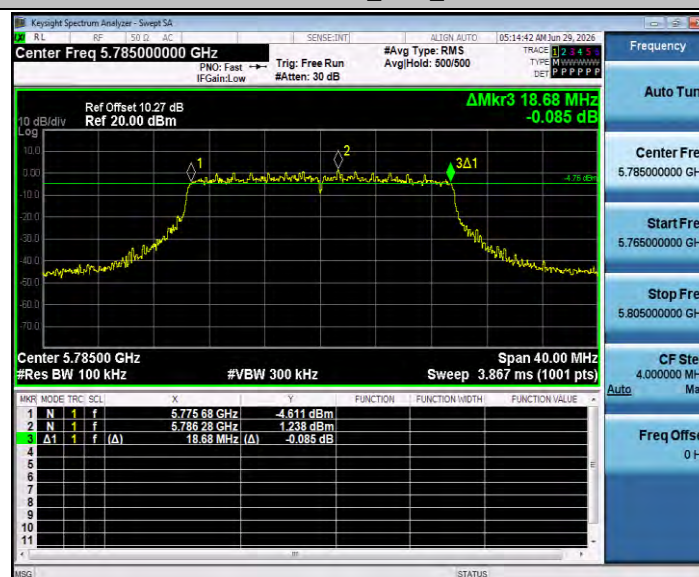
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



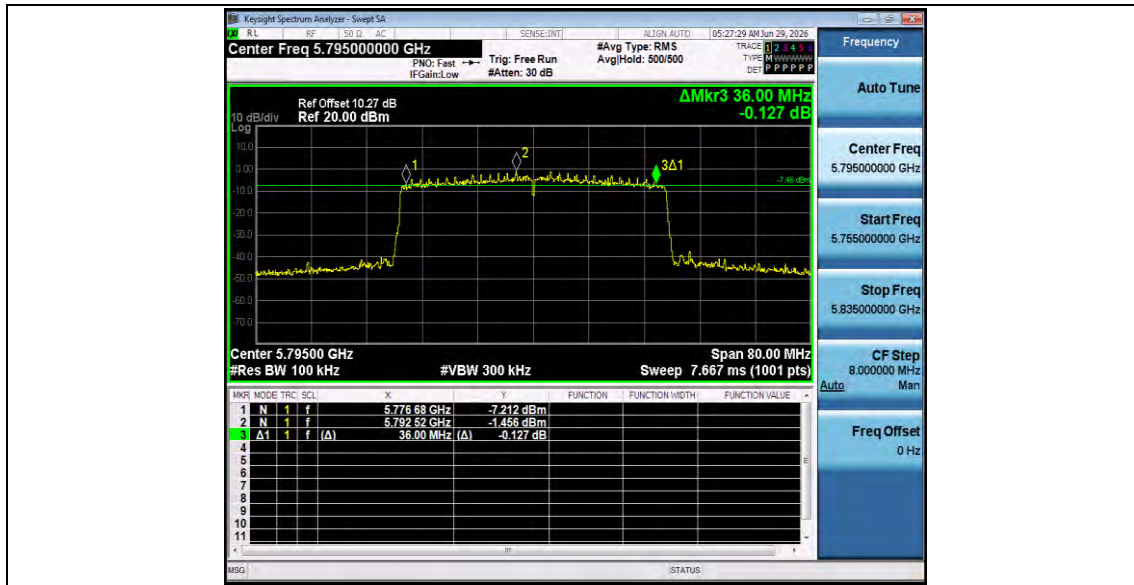
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

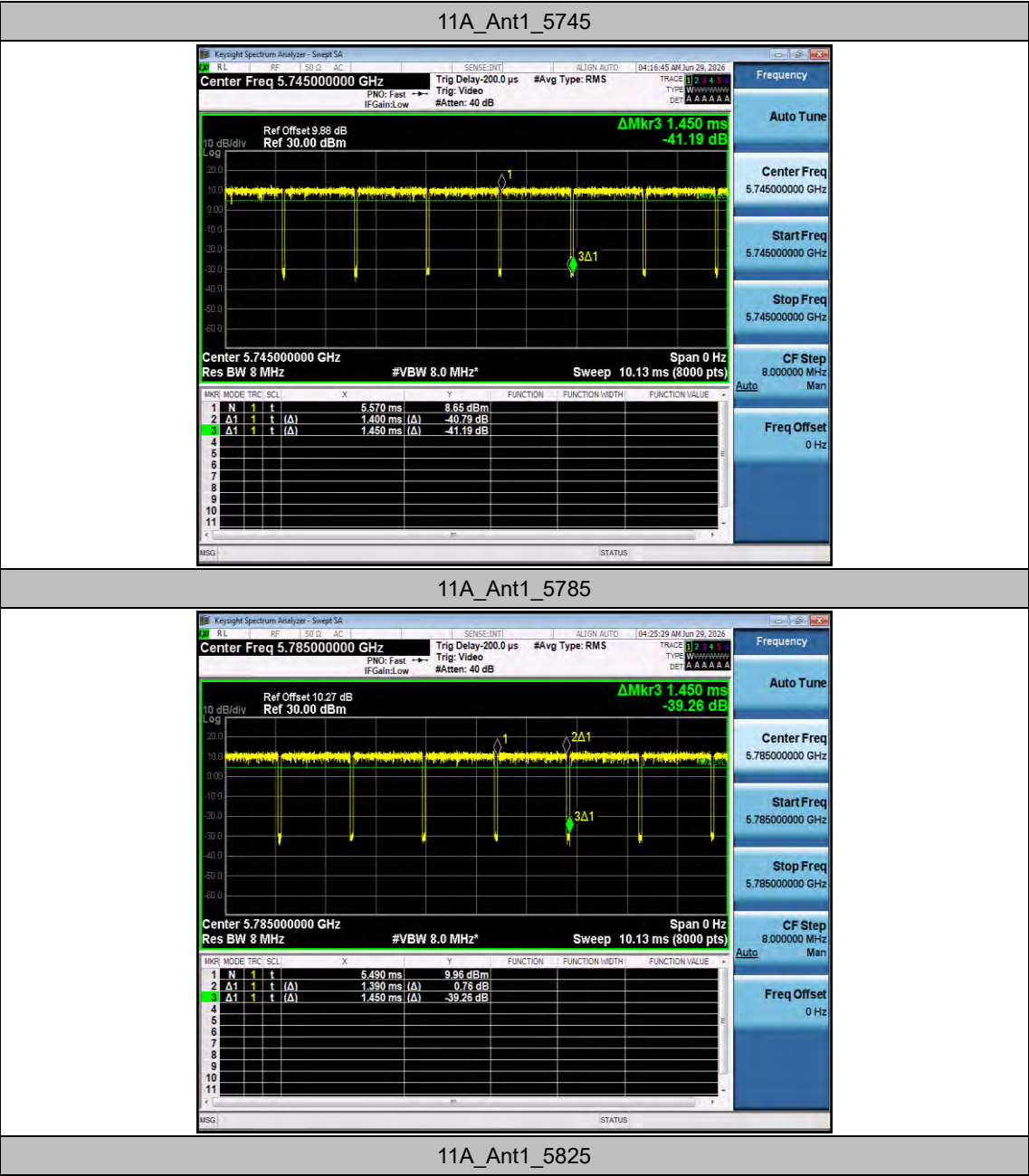


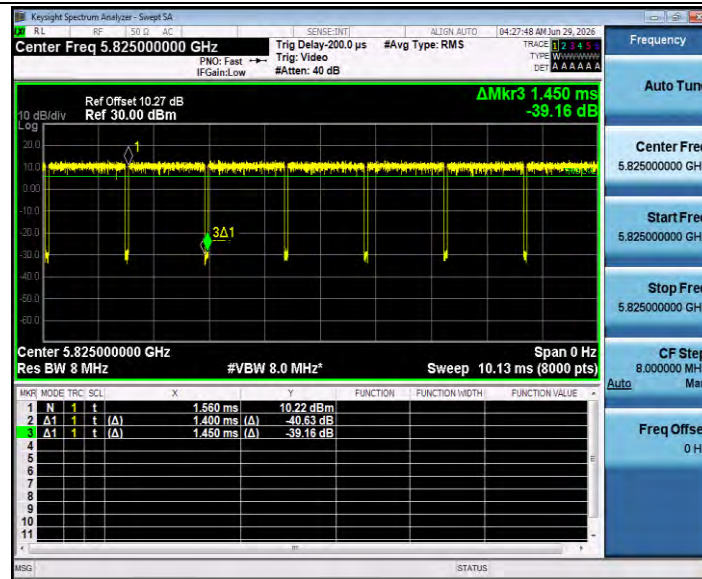
Appendix E.3: Duty Cycle

Test Result

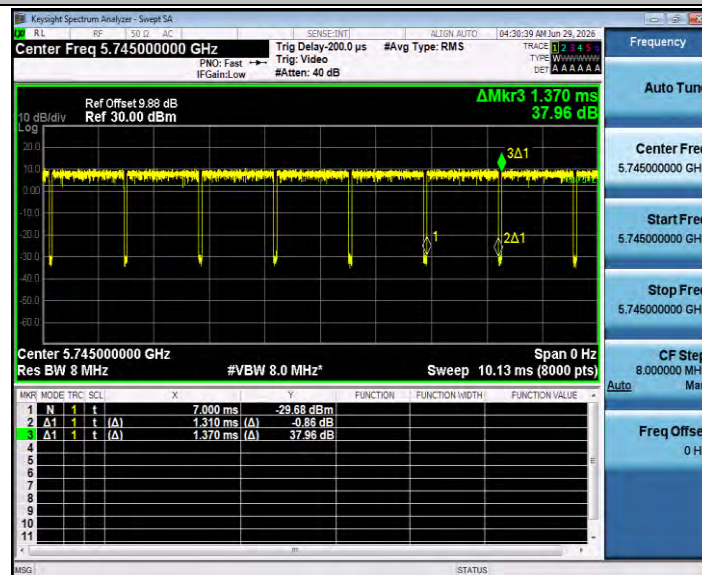
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.40	1.45	96.55	0.15	0.71
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.40	1.45	96.55	0.15	0.71
11N20SISO	Ant1	5745	1.31	1.37	95.62	0.19	0.76
		5785	1.30	1.36	95.59	0.20	0.77
		5825	1.30	1.36	95.59	0.20	0.77
11N40SISO	Ant1	5755	0.65	0.70	92.86	0.32	1.54
		5795	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant1	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	0.54	88.89	0.51	2.08
11AC40SISO	Ant1	5755	0.26	0.32	81.25	0.90	3.85
		5795	0.26	0.32	81.25	0.90	3.85
11AX20SISO	Ant1	5745	0.43	0.49	87.76	0.57	2.33
		5785	0.43	0.48	89.58	0.48	2.33
		5825	0.43	0.49	87.76	0.57	2.33
11AX40SISO	Ant1	5755	0.42	0.48	87.50	0.58	2.38
		5795	0.43	0.48	89.58	0.48	2.33

Test Graphs

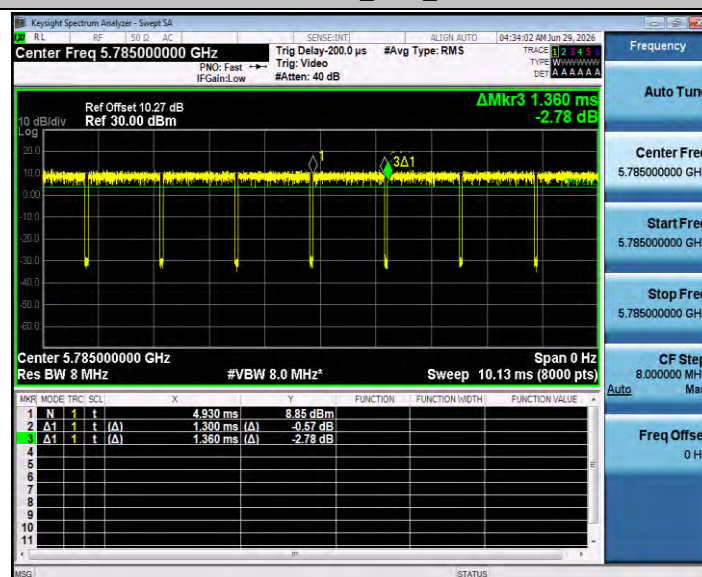




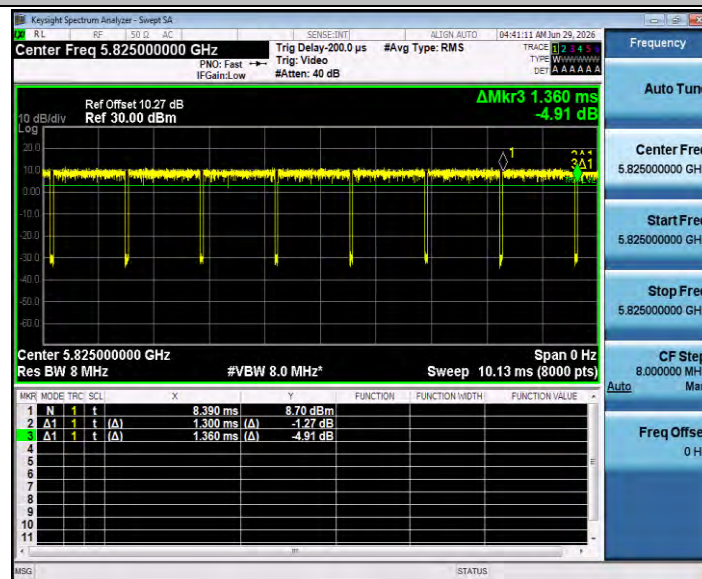
11N20SISO_Ant1_5745



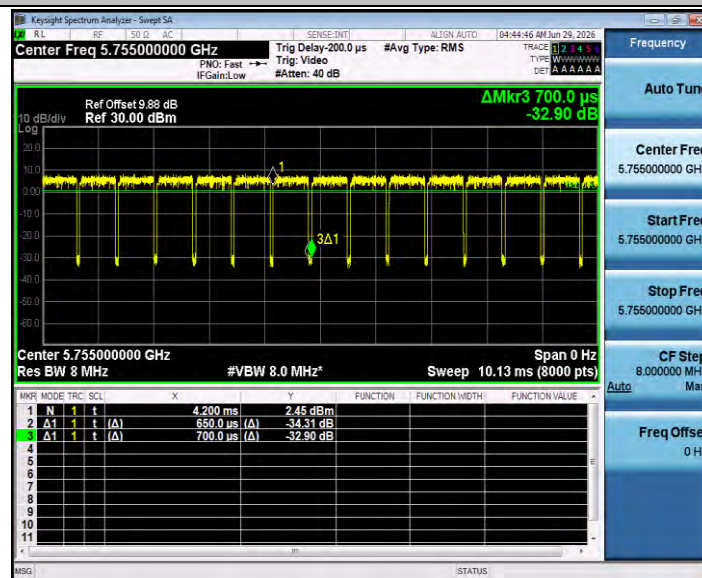
11N20SISO_Ant1_5785



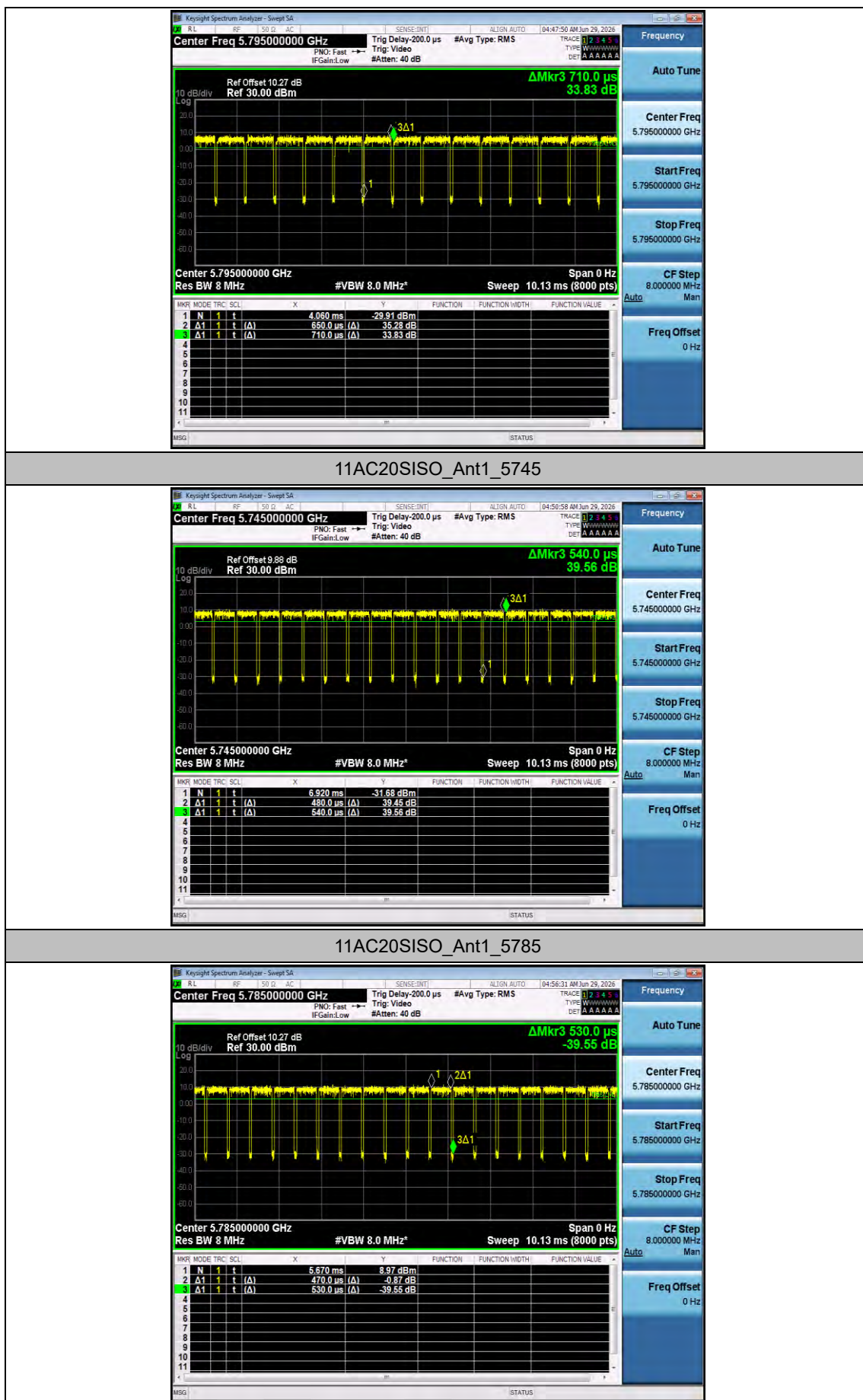
11N20SISO_Ant1_5825



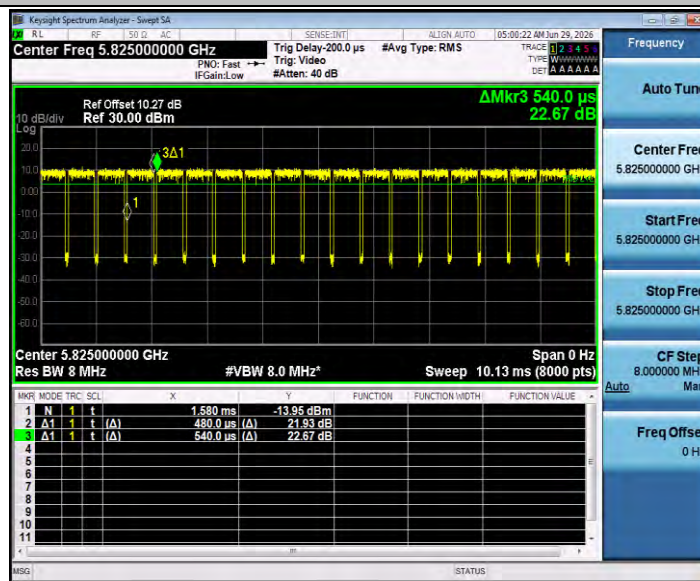
11N40SISO_Ant1_5755



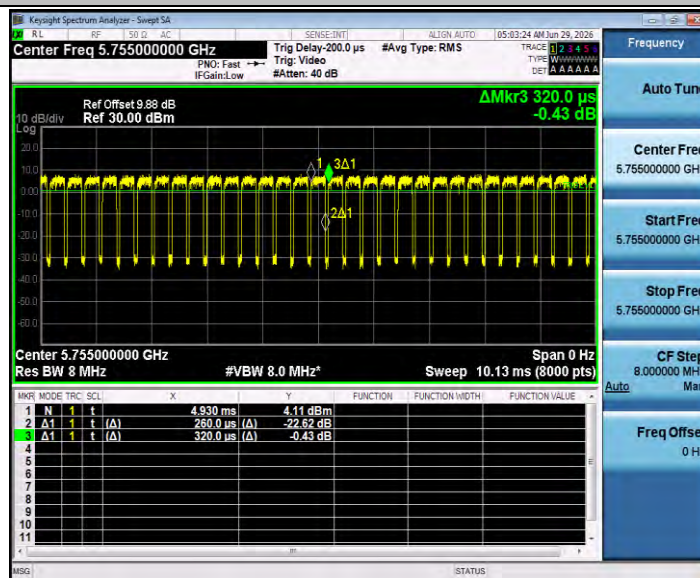
11N40SISO_Ant1_5795



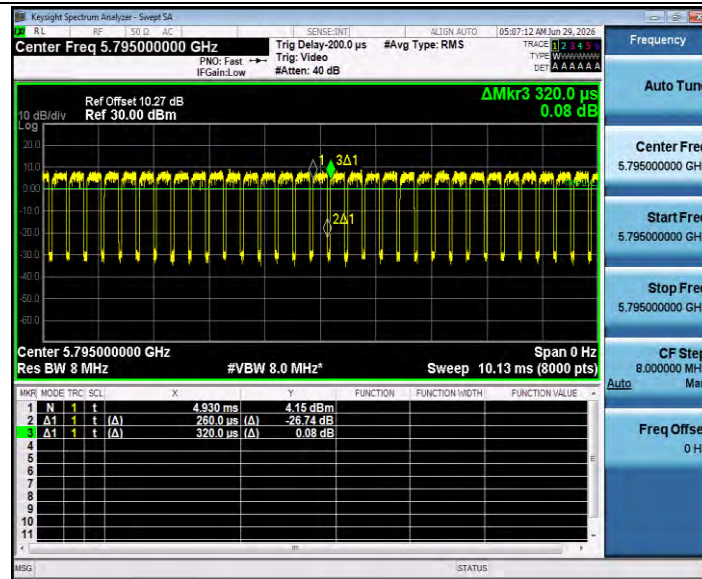
11AC20SISO_Ant1_5825



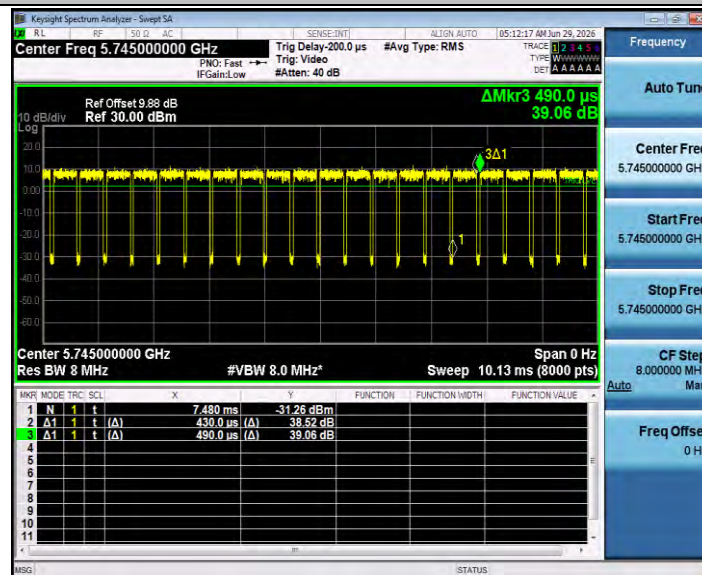
11AC40SISO_Ant1_5755



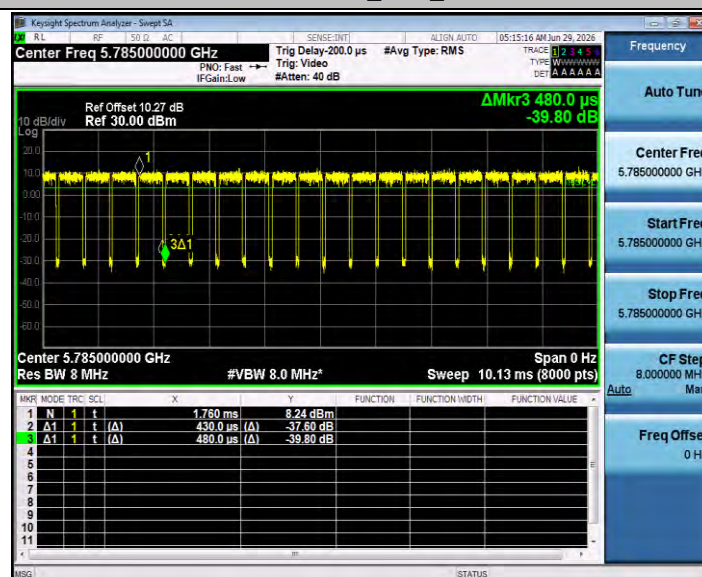
11AC40SISO_Ant1_5795



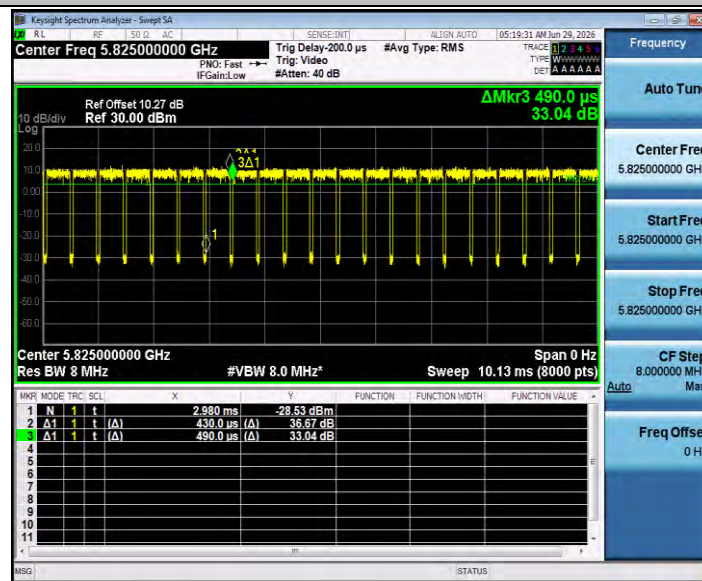
11AX20SISO_Ant1_5745



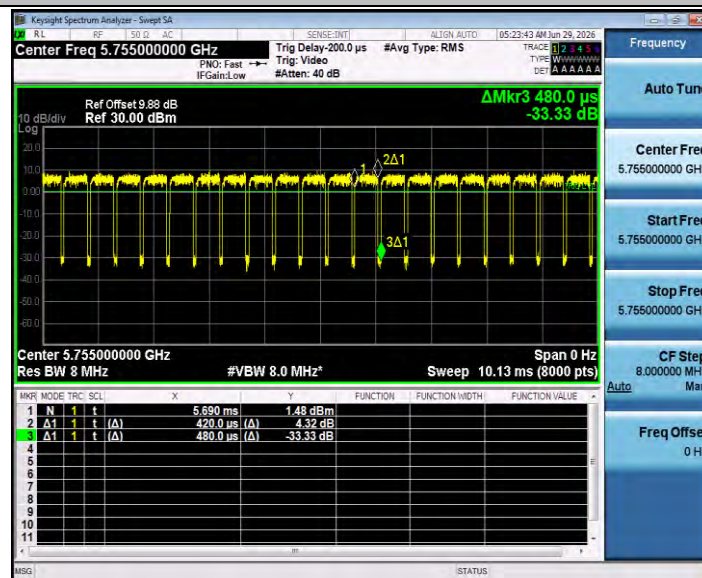
11AX20SISO_Ant1_5785



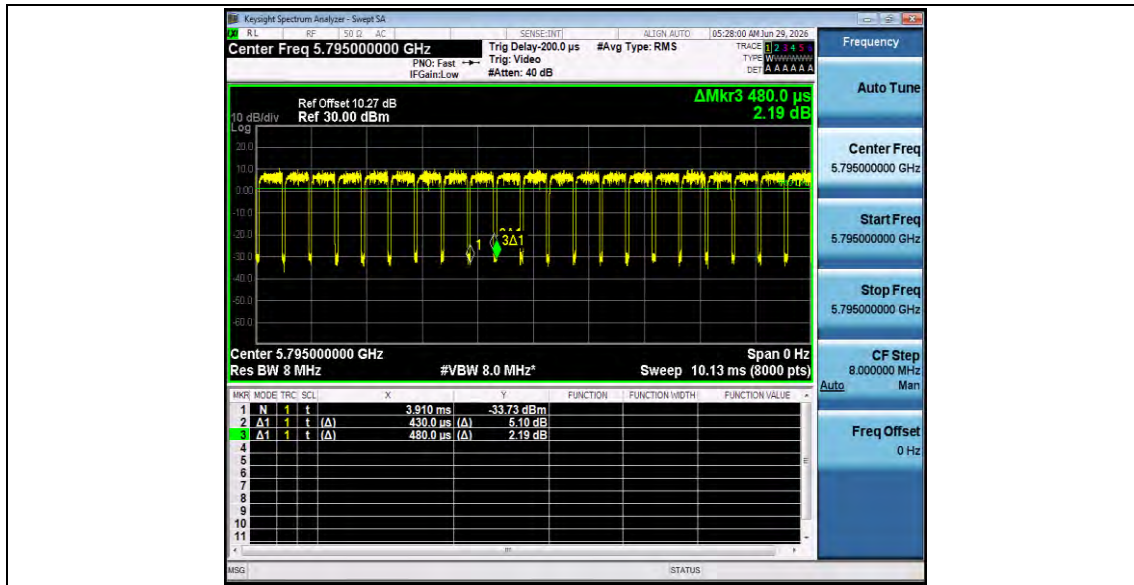
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



Appendix E.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	Ant1	5745	12.60	96.55	0.15	12.75	≤30.00	PASS
		5785	13.28	95.86	0.18	13.46	≤30.00	PASS
		5825	13.61	96.55	0.15	13.76	≤30.00	PASS
11N20SISO	Ant1	5745	11.09	95.62	0.19	11.28	≤30.00	PASS
		5785	11.68	95.59	0.20	11.88	≤30.00	PASS
		5825	11.90	95.59	0.20	12.10	≤30.00	PASS
11N40SISO	Ant1	5755	10.84	92.86	0.32	11.16	≤30.00	PASS
		5795	11.42	91.55	0.38	11.80	≤30.00	PASS
11AC20SISO	Ant1	5745	10.67	88.89	0.51	11.18	≤30.00	PASS
		5785	11.25	88.68	0.52	11.77	≤30.00	PASS
		5825	11.63	88.89	0.51	12.14	≤30.00	PASS
11AC40SISO	Ant1	5755	10.27	81.25	0.90	11.17	≤30.00	PASS
		5795	10.80	81.25	0.90	11.70	≤30.00	PASS
11AX20SISO	Ant1	5745	10.72	87.76	0.57	11.29	≤30.00	PASS
		5785	11.44	89.58	0.48	11.92	≤30.00	PASS
		5825	11.67	87.76	0.57	12.24	≤30.00	PASS
11AX40SISO	Ant1	5755	10.89	87.50	0.58	11.47	≤30.00	PASS
		5795	11.47	89.58	0.48	11.95	≤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	-1.18	≤30.00	PASS
		5785	-0.29	≤30.00	PASS
		5825	-0.15	≤30.00	PASS
11N20SISO	Ant1	5745	-3.03	≤30.00	PASS
		5785	-2.01	≤30.00	PASS
		5825	-2.20	≤30.00	PASS
11N40SISO	Ant1	5755	-5.21	≤30.00	PASS
		5795	-4.56	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.94	≤30.00	PASS
		5785	-2.02	≤30.00	PASS
		5825	-1.87	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.99	≤30.00	PASS
		5795	-4.26	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.08	≤30.00	PASS
		5785	-2.32	≤30.00	PASS
		5825	-2.24	≤30.00	PASS
11AX40SISO	Ant1	5755	-5.13	≤30.00	PASS
		5795	-4.74	≤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 Factoriscompensatedinthe 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



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

