

Case No. : <u>GTS20260529017-1-04</u>
Ambient Condition: <u>25</u> °C, <u>62</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.5.11-2026.6.12</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	Ant1	5745	17.981	5735.8591	5753.8401	---	---
		5785	17.921	5775.8409	5793.7619	---	---
		5825	17.893	5815.8475	5833.7405	---	---
11N20SISO	Ant1	5745	19.074	5735.3759	5754.4499	---	---
		5785	19.020	5775.3110	5794.3310	---	---
		5825	19.046	5815.4026	5834.4486	---	---
11N40SISO	Ant1	5755	37.630	5736.1348	5773.7648	---	---
		5795	37.679	5776.0220	5813.7010	---	---
11AC20SISO	Ant1	5745	19.010	5735.4449	5754.4549	---	---
		5785	18.995	5775.3479	5794.3429	---	---
		5825	19.052	5815.3880	5834.4400	---	---
11AC40SISO	Ant1	5755	37.720	5736.0584	5773.7784	---	---
		5795	37.655	5776.0130	5813.6680	---	---
11AX20SISO	Ant1	5745	19.789	5735.0845	5754.8735	---	---
		5785	19.630	5775.1030	5794.7330	---	---
		5825	19.658	5815.1755	5834.8335	---	---
11AX40SISO	Ant1	5755	38.538	5735.6579	5774.1959	---	---
		5795	38.632	5775.6151	5814.2471	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



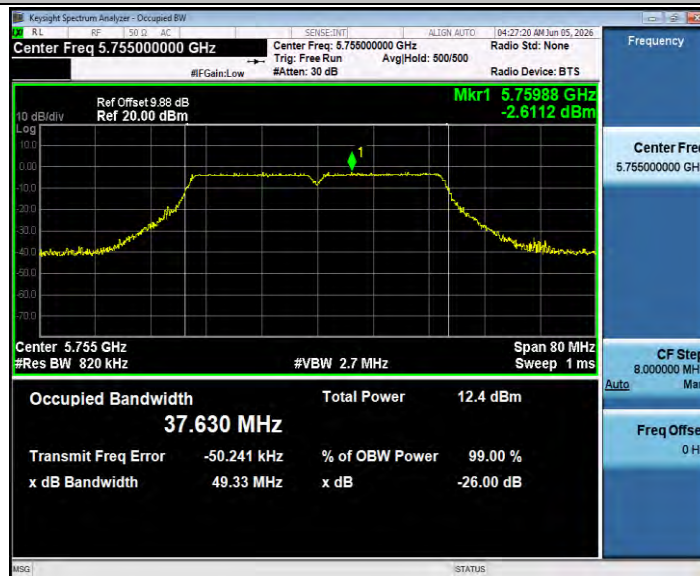
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



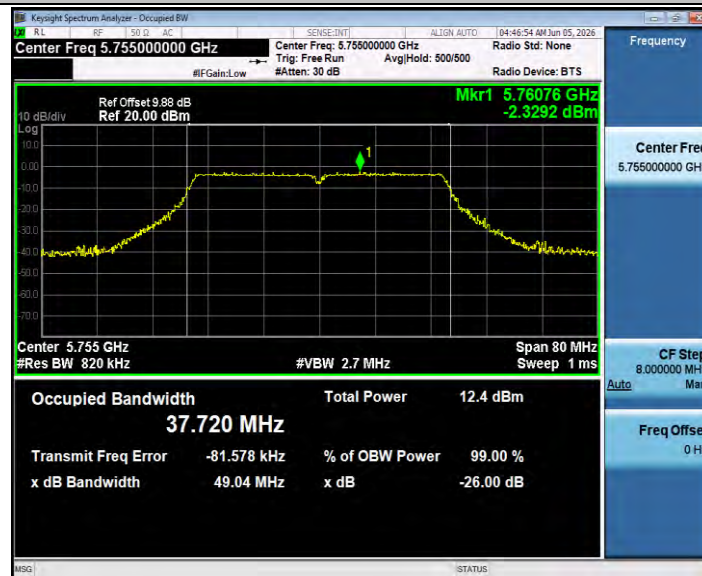
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



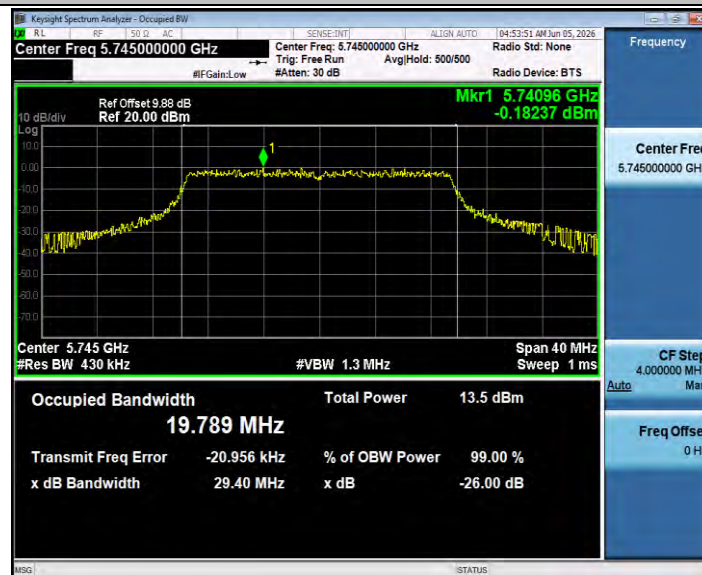
11AC40SISO_Ant1_5755



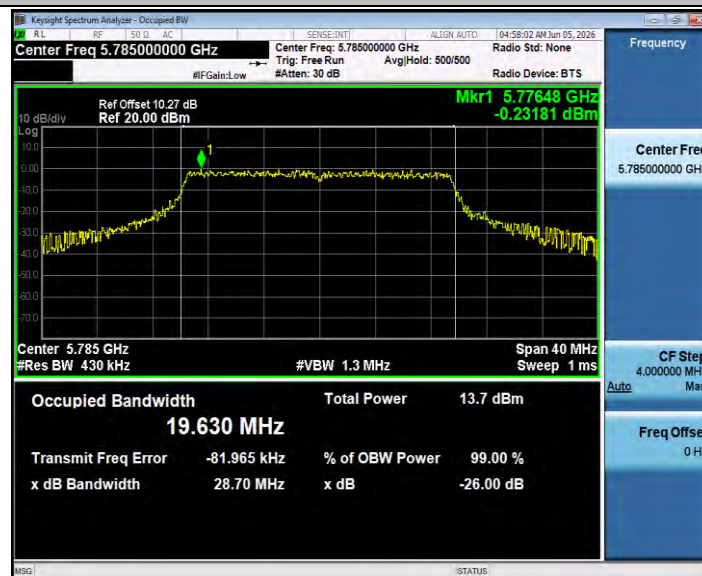
11AC40SISO_Ant1_5795



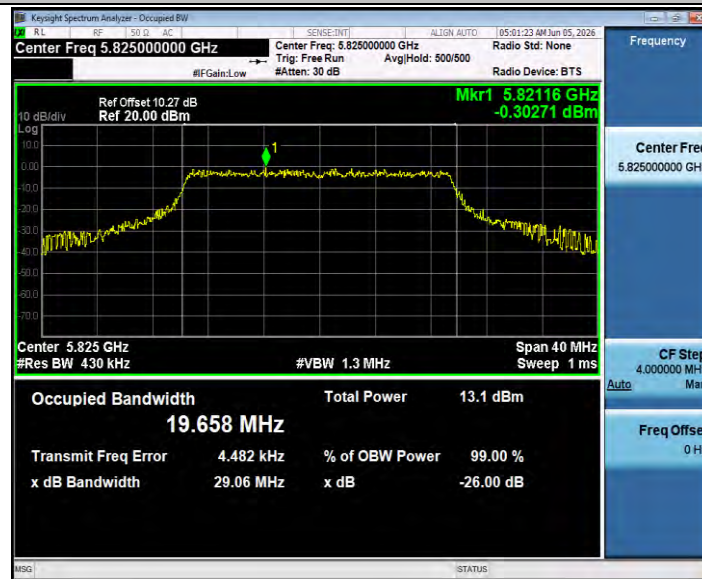
11AX20SISO_Ant1_5745



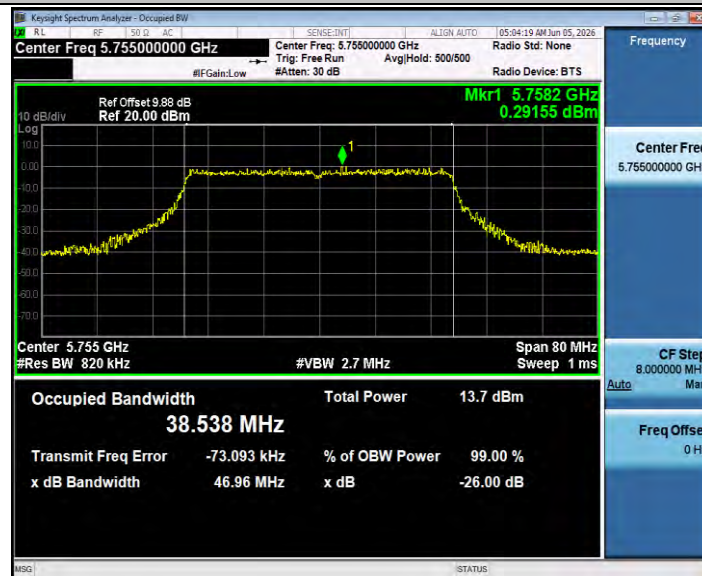
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



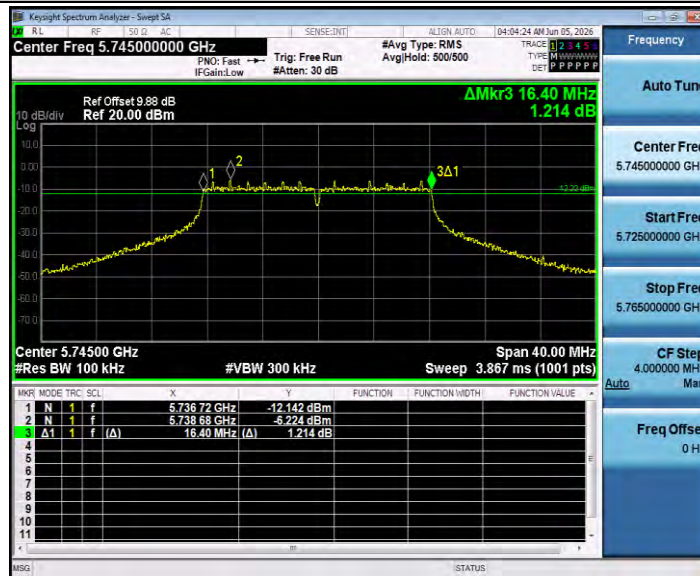
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.400	5736.720	5753.120	0.5	PASS
		5785	16.400	5776.720	5793.120	0.5	PASS
		5825	16.400	5816.720	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.120	5753.720	0.5	PASS
		5785	17.600	5776.120	5793.720	0.5	PASS
		5825	17.600	5816.120	5833.720	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	17.640	5736.120	5753.760	0.5	PASS
		5785	17.600	5776.120	5793.720	0.5	PASS
		5825	17.640	5816.120	5833.760	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
11AX20SISO	Ant1	5745	19.000	5735.440	5754.440	0.5	PASS
		5785	19.000	5775.400	5794.400	0.5	PASS
		5825	19.040	5815.440	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.240	5735.800	5774.040	0.5	PASS
		5795	38.080	5775.800	5813.880	0.5	PASS

Test Graphs B4

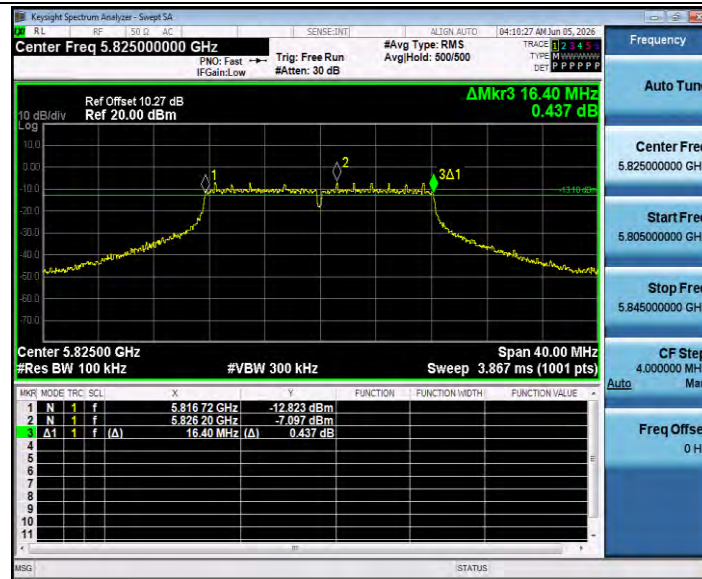
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



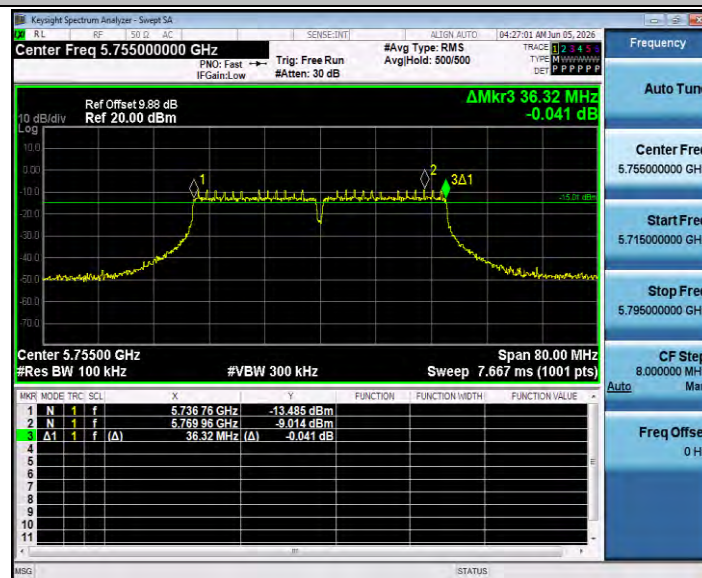
11N20SISO_Ant1_5785



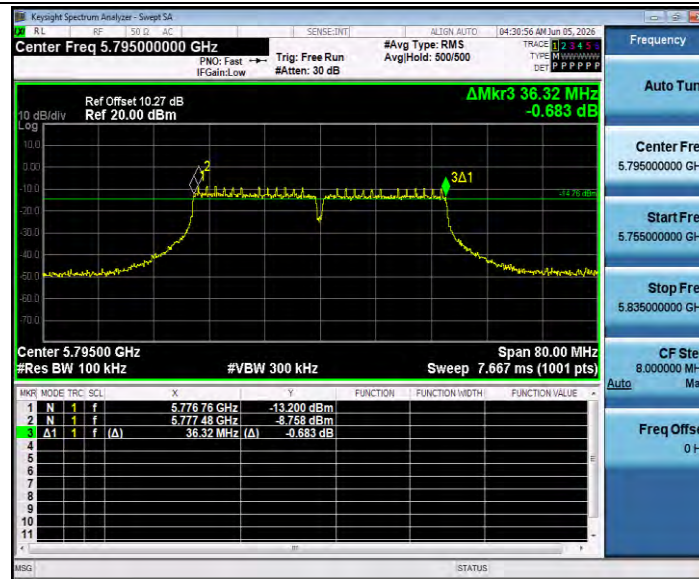
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



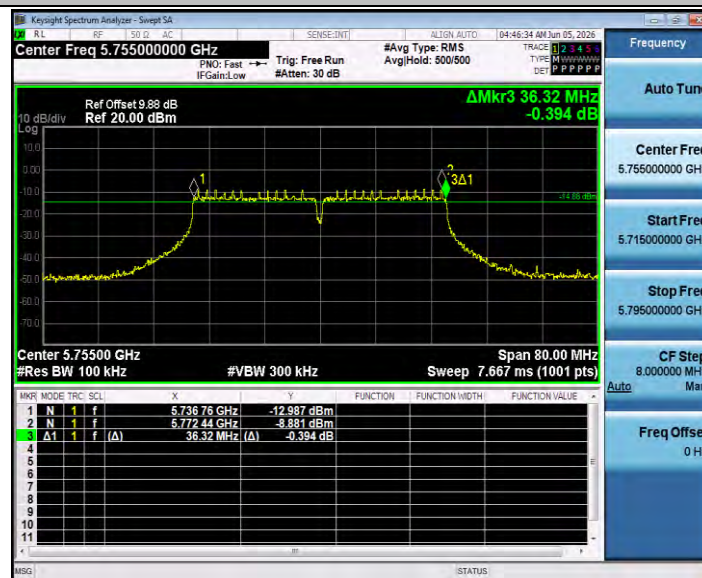
11AC20SISO_Ant1_5785



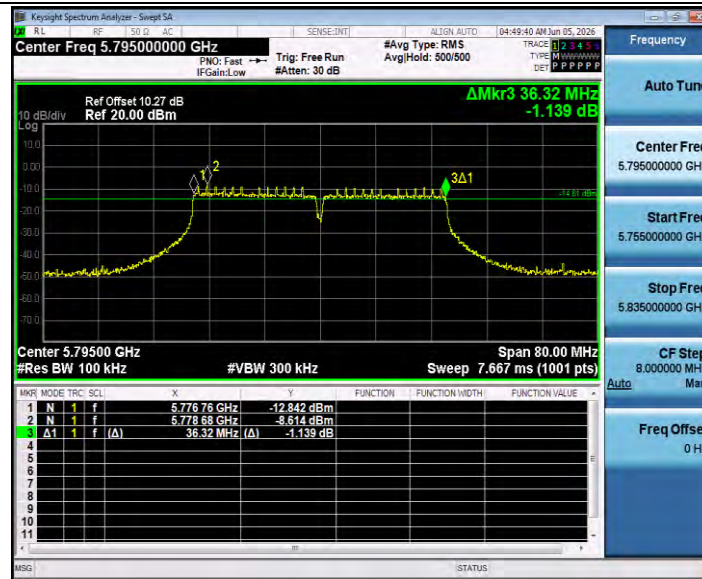
11AC20SISO_Ant1_5825



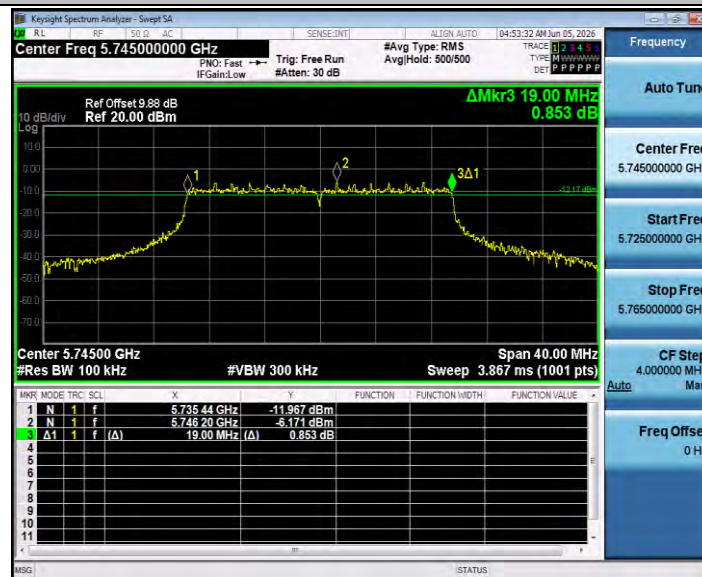
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



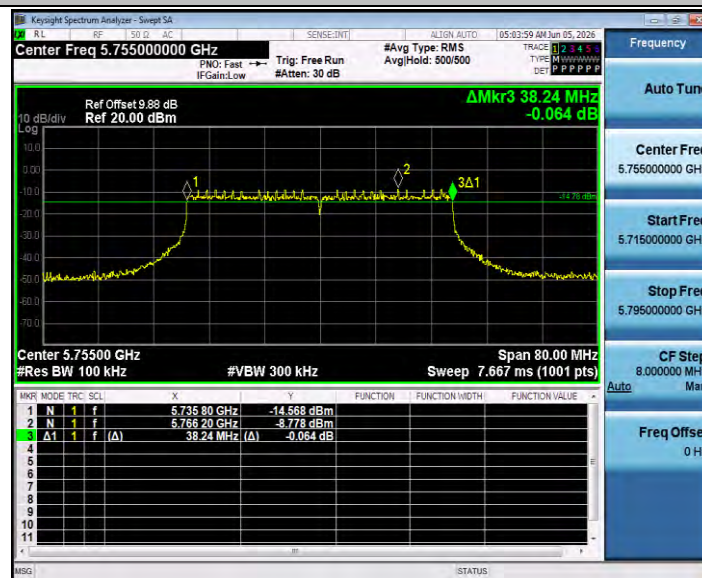
11AX20SISO_Ant1_5785



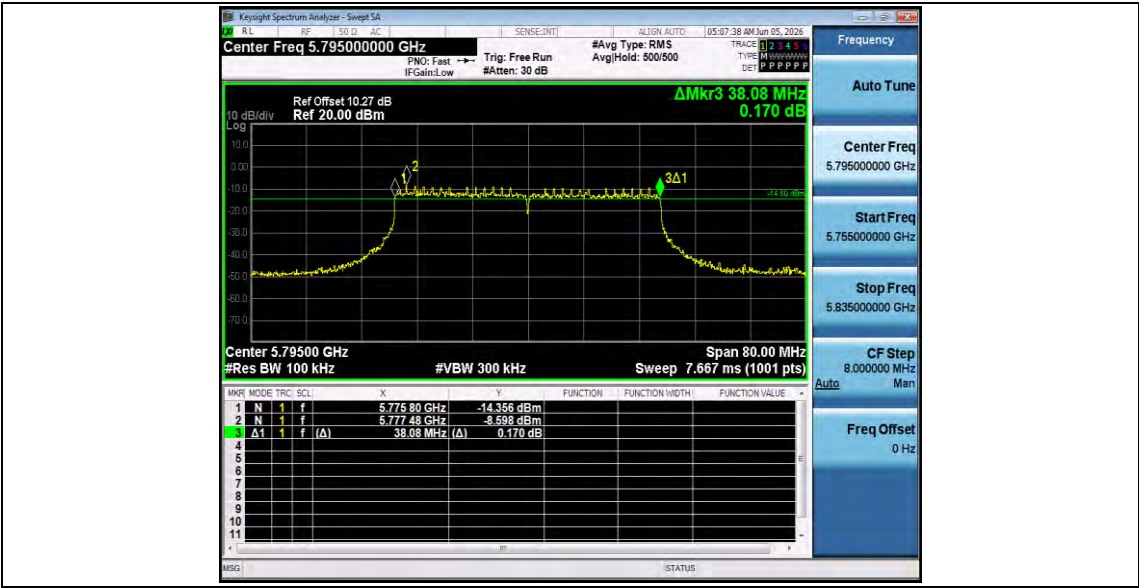
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

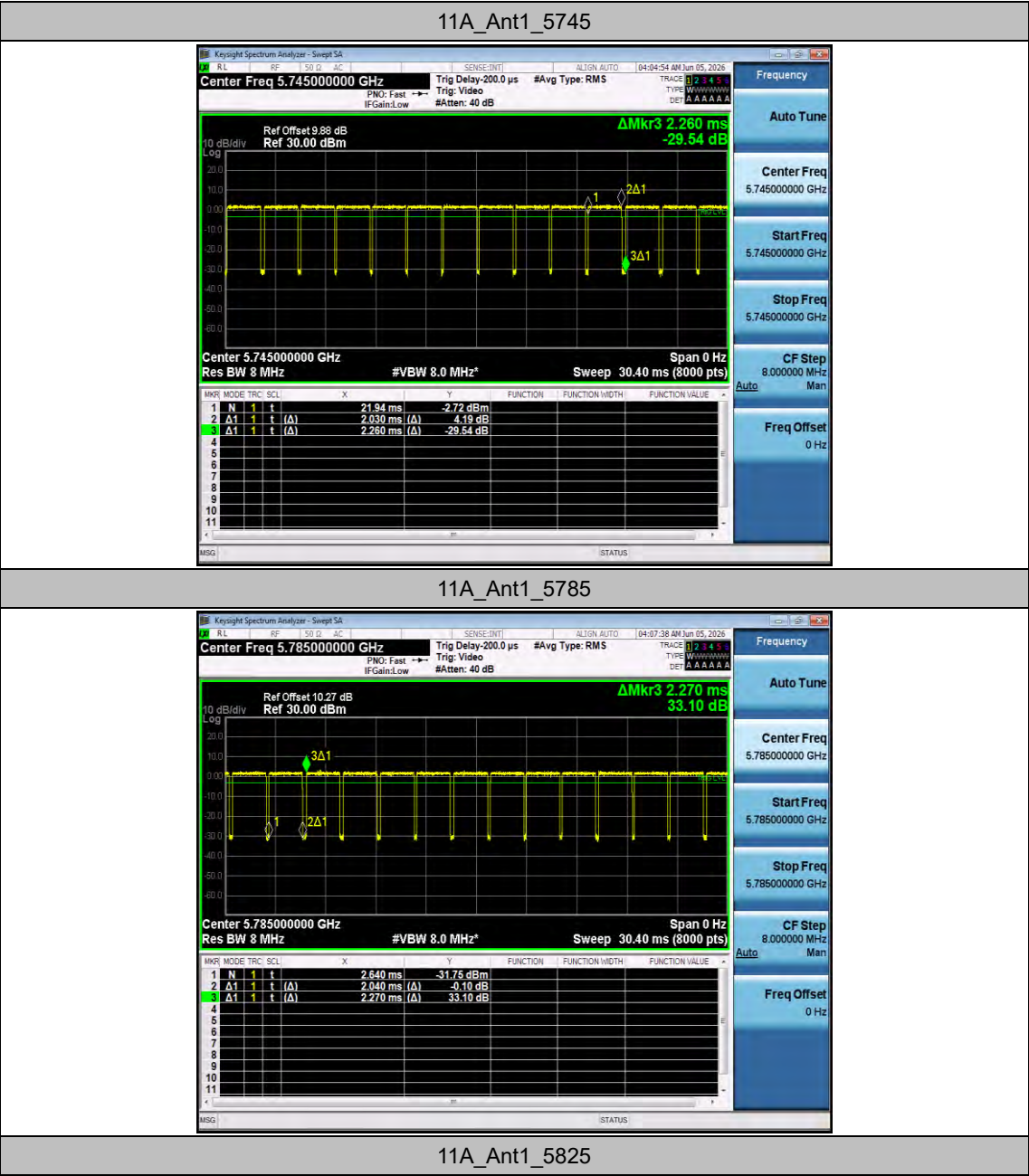


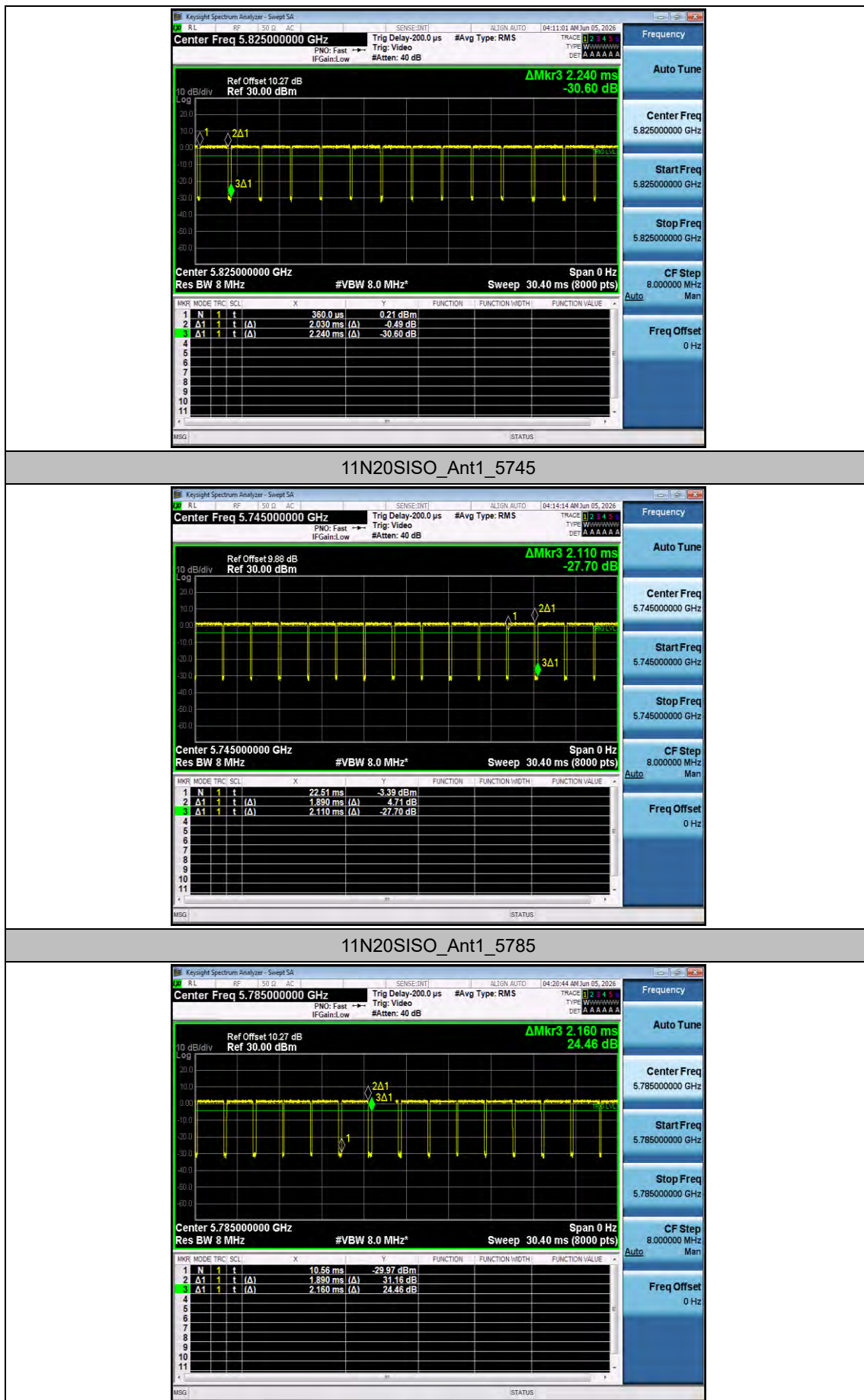
Appendix E.3: Duty Cycle

Test Result

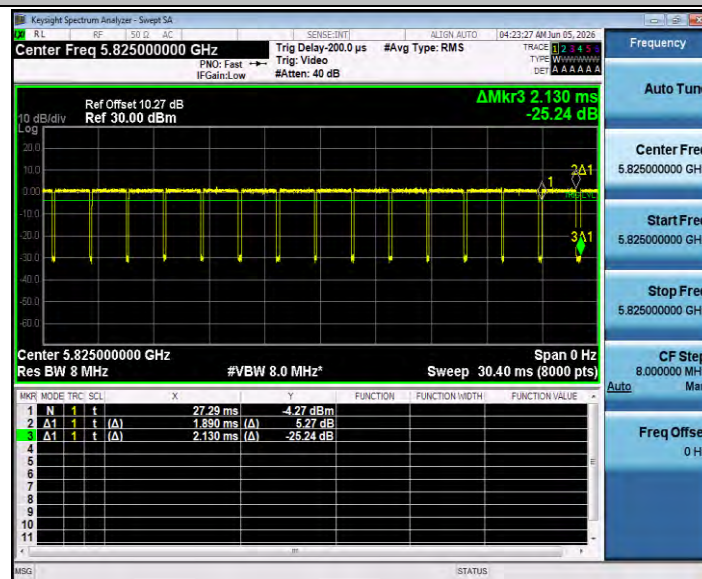
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.26	89.82	0.47	0.49
		5785	2.04	2.27	89.87	0.46	0.49
		5825	2.03	2.24	90.63	0.43	0.49
11N20SISO	Ant1	5745	1.89	2.11	89.57	0.48	0.53
		5785	1.89	2.16	87.50	0.58	0.53
		5825	1.89	2.13	88.73	0.52	0.53
11N40SISO	Ant1	5755	0.93	1.23	75.61	1.21	1.08
		5795	0.93	1.16	80.17	0.96	1.08
11AC20SISO	Ant1	5745	1.72	1.89	91.01	0.41	0.58
		5785	1.90	2.13	89.20	0.50	0.53
		5825	1.90	2.11	90.05	0.46	0.53
11AC40SISO	Ant1	5755	0.94	1.12	83.93	0.76	1.06
		5795	0.94	1.12	83.93	0.76	1.06
11AX20SISO	Ant1	5745	1.46	1.69	86.39	0.64	0.68
		5785	1.46	1.76	82.95	0.81	0.68
		5825	1.45	1.69	85.80	0.67	0.69
11AX40SISO	Ant1	5755	0.76	0.99	76.77	1.15	1.32
		5795	0.76	0.94	80.85	0.92	1.32

Test Graphs

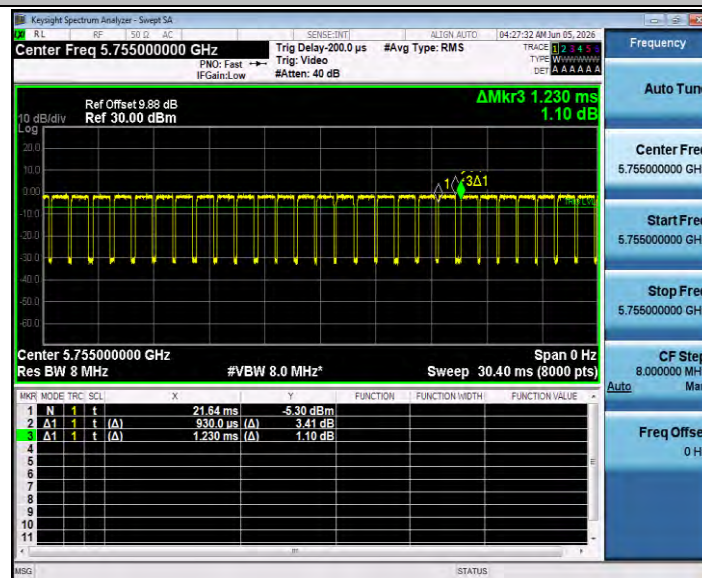




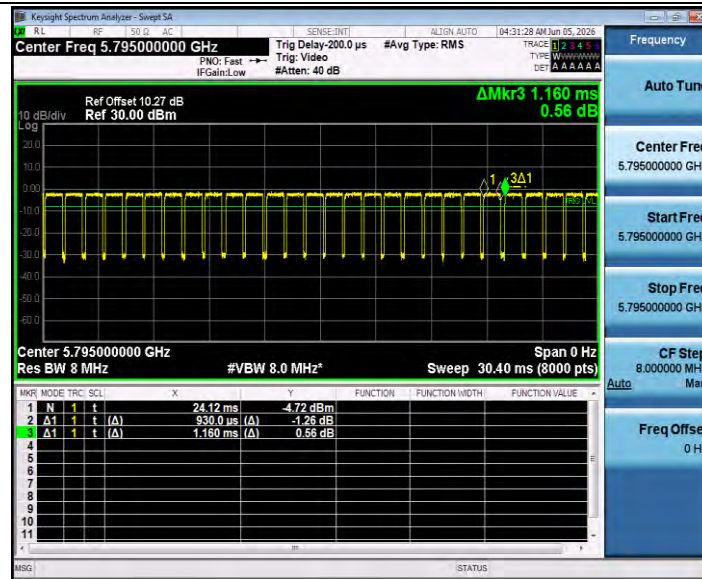
11N20SISO_Ant1_5825



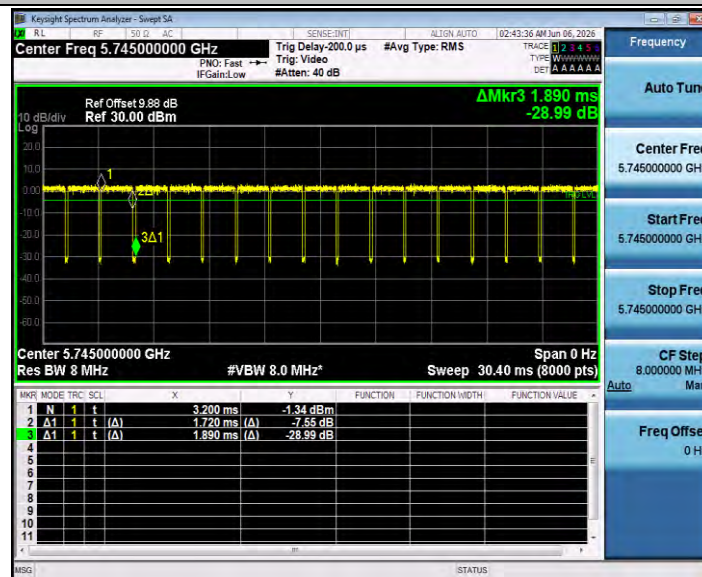
11N40SISO_Ant1_5755



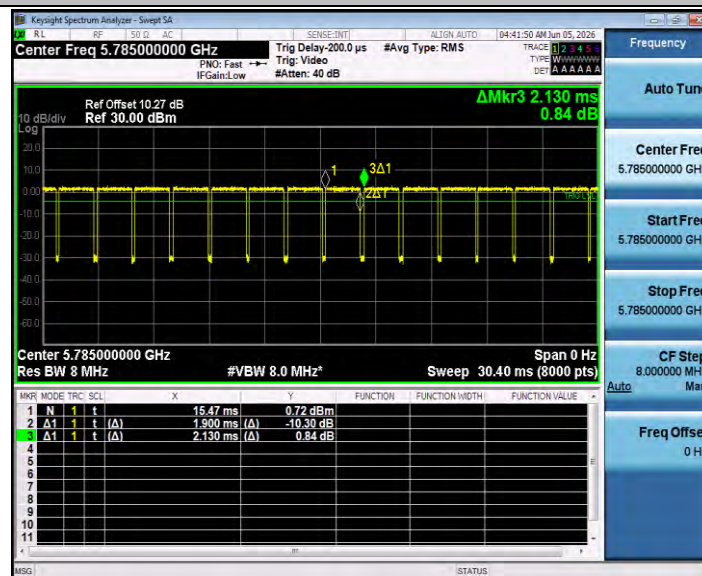
11N40SISO_Ant1_5795



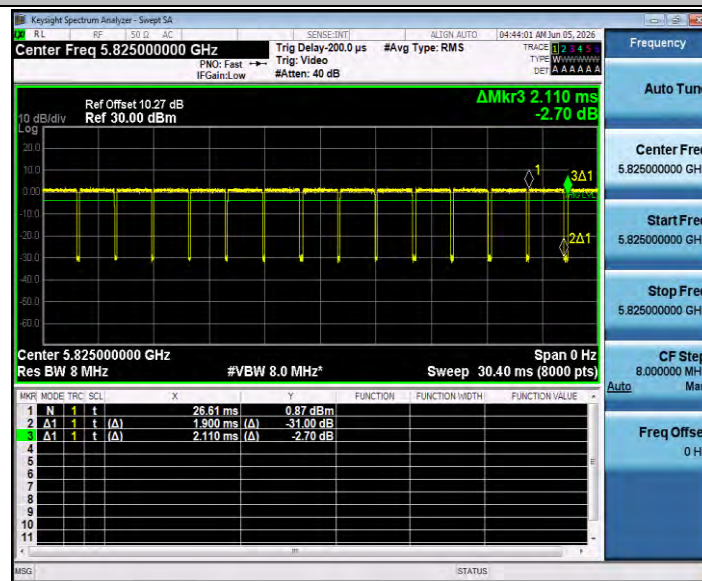
11AC20SISO_Ant1_5745



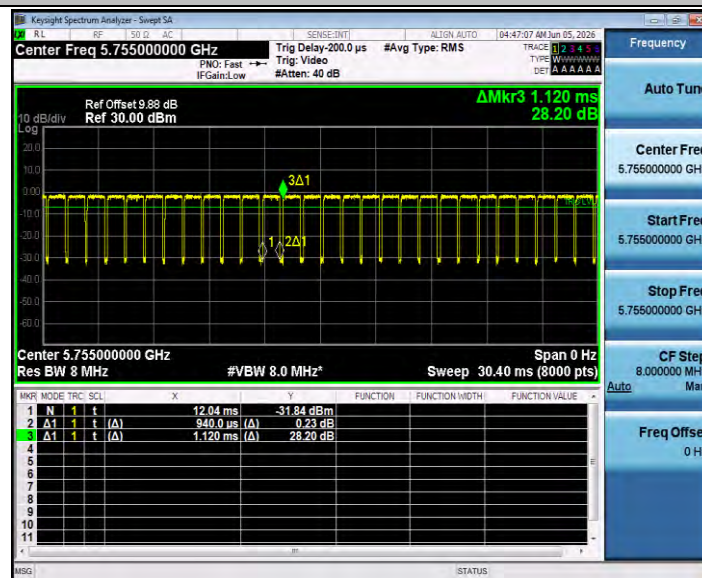
11AC20SISO_Ant1_5785



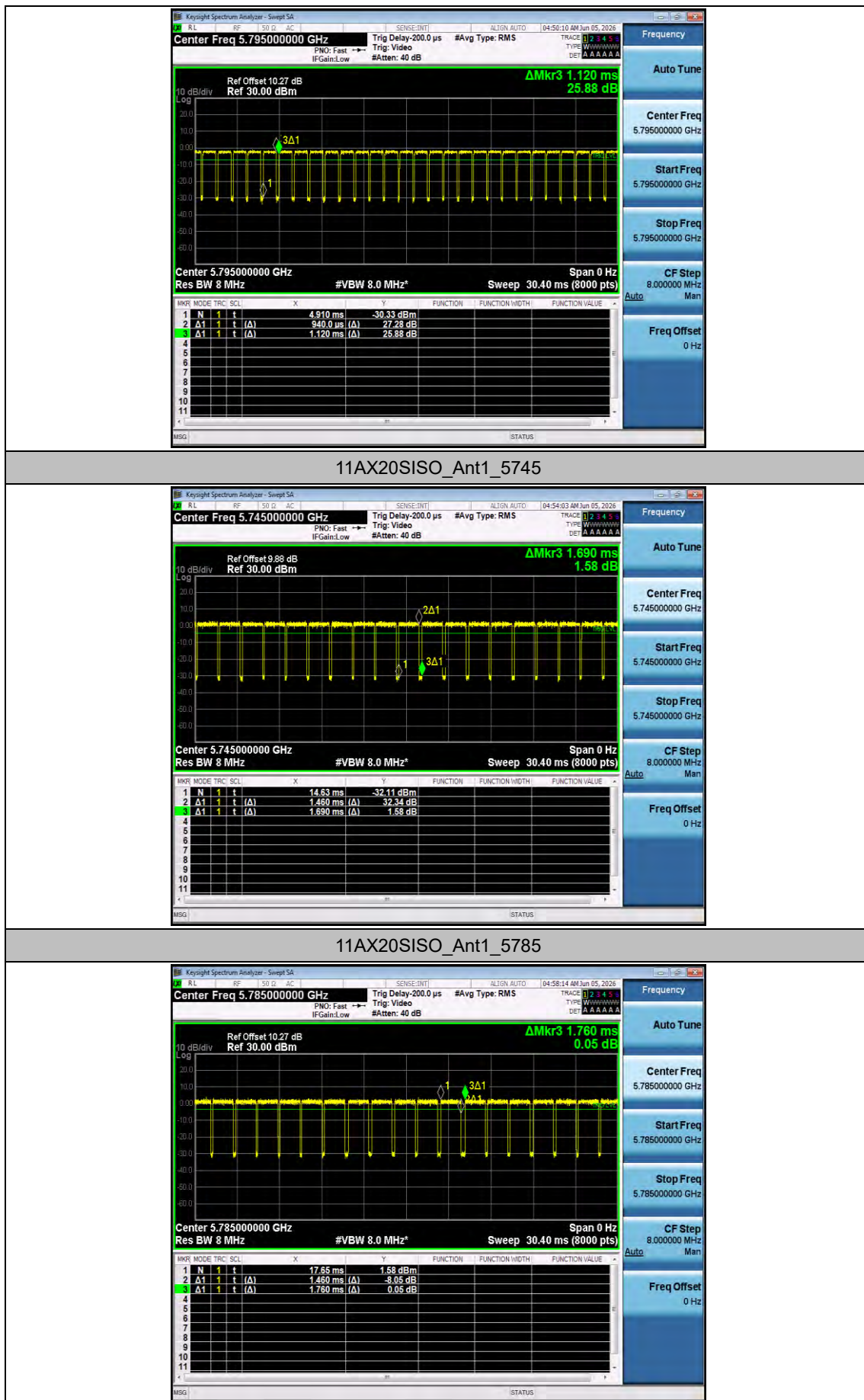
11AC20SISO_Ant1_5825

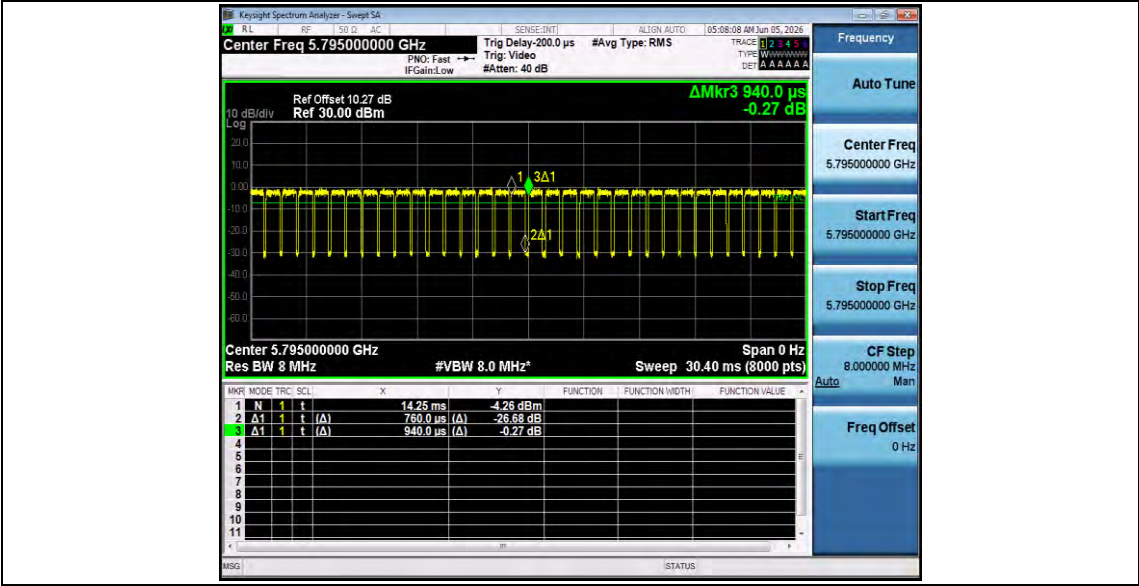


11AC40SISO_Ant1_5755



11AC40SISO_Ant1_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	Ant1	5745	4.84	89.82	0.47	5.31	≤30.00	PASS
		5785	4.99	89.87	0.46	5.45	≤30.00	PASS
		5825	3.97	90.63	0.43	4.40	≤30.00	PASS
11N20SISO	Ant1	5745	4.67	89.57	0.48	5.15	≤30.00	PASS
		5785	4.95	87.50	0.58	5.53	≤30.00	PASS
		5825	4.22	88.73	0.52	4.74	≤30.00	PASS
11N40SISO	Ant1	5755	4.47	75.61	1.21	5.68	≤30.00	PASS
		5795	4.19	80.17	0.96	5.15	≤30.00	PASS
11AC20SISO	Ant1	5745	4.89	70.90	1.49	6.38	≤30.00	PASS
		5785	5.11	89.20	0.50	5.61	≤30.00	PASS
		5825	4.49	90.05	0.46	4.95	≤30.00	PASS
11AC40SISO	Ant1	5755	4.57	83.93	0.76	5.33	≤30.00	PASS
		5795	4.25	83.93	0.76	5.01	≤30.00	PASS
11AX20SISO	Ant1	5745	4.86	86.39	0.64	5.50	≤30.00	PASS
		5785	5.00	82.95	0.81	5.81	≤30.00	PASS
		5825	4.46	85.80	0.67	5.13	≤30.00	PASS
11AX40SISO	Ant1	5755	4.48	76.77	1.15	5.63	≤30.00	PASS
		5795	4.06	80.85	0.92	4.98	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

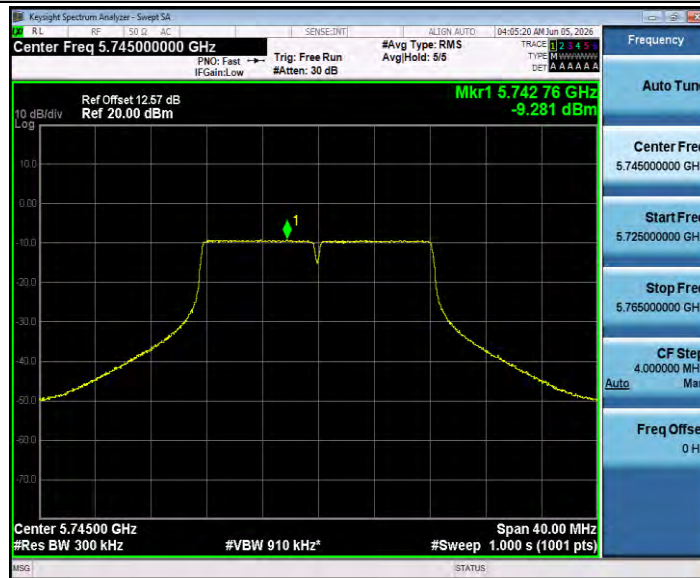
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-9.28	≤30.00	PASS
		5785	-9.01	≤30.00	PASS
		5825	-9.91	≤30.00	PASS
11N20SISO	Ant1	5745	-9.56	≤30.00	PASS
		5785	-8.99	≤30.00	PASS
		5825	-9.80	≤30.00	PASS
11N40SISO	Ant1	5755	-11.82	≤30.00	PASS
		5795	-11.74	≤30.00	PASS
11AC20SISO	Ant1	5745	-8.40	≤30.00	PASS
		5785	-9.07	≤30.00	PASS
		5825	-9.65	≤30.00	PASS
11AC40SISO	Ant1	5755	-12.29	≤30.00	PASS
		5795	-12.00	≤30.00	PASS
11AX20SISO	Ant1	5745	-9.56	≤30.00	PASS
		5785	-9.15	≤30.00	PASS
		5825	-9.92	≤30.00	PASS
11AX40SISO	Ant1	5755	-12.33	≤30.00	PASS
		5795	-12.42	≤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



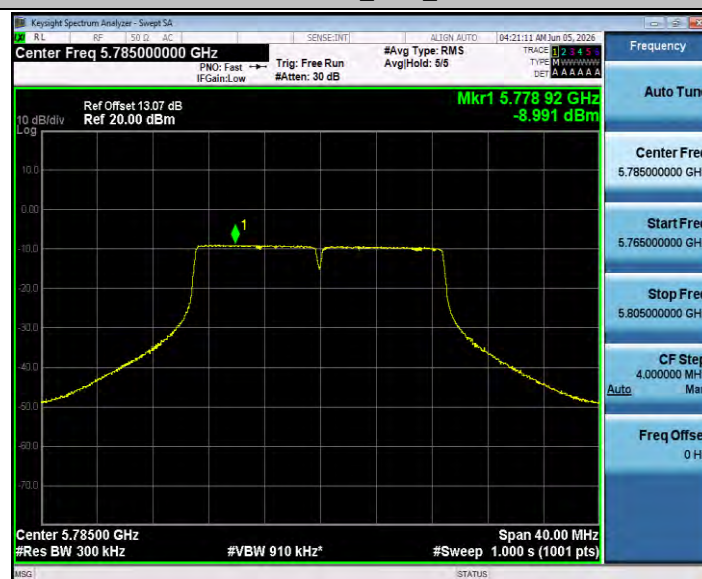
11A_Ant1_5825



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



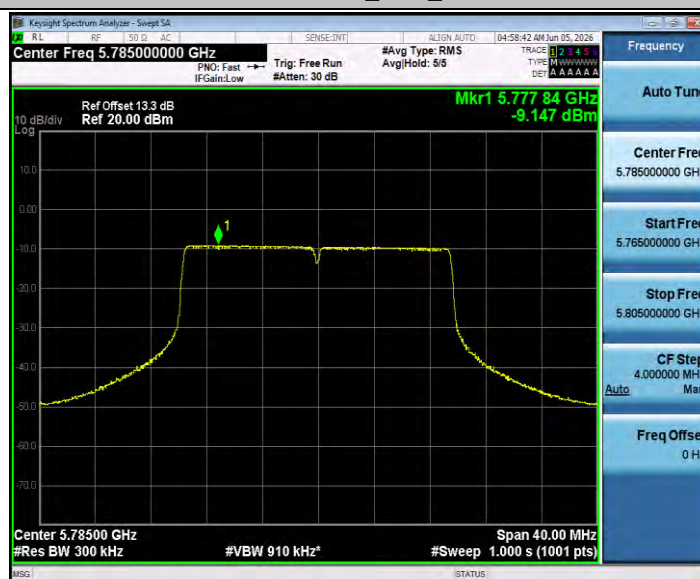
11AC40SISO_Ant1_5795



11AX20ISO_Ant1_5745



11AX20ISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

