

Case No. : <u>GTS20260312012-1-11</u>
Ambient Condition: <u>24</u> °C, <u>52</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.3.16-2026.4.7</u> Test Engineer: <u>Evan ouyang</u>

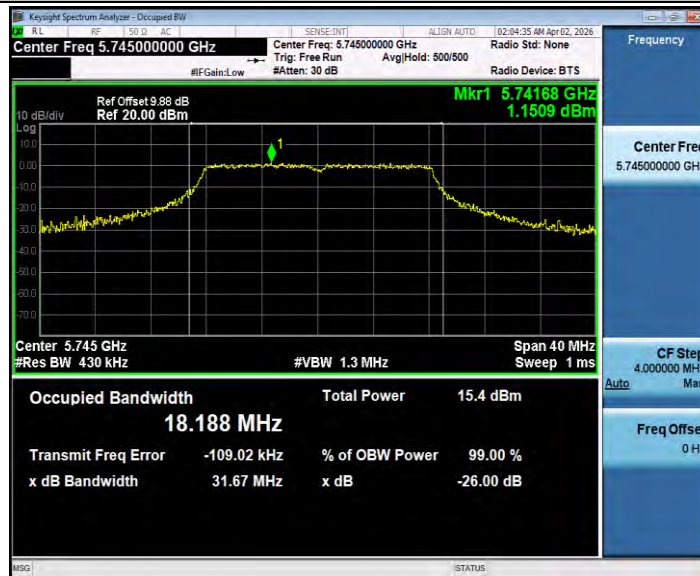
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.188	5735.7970	5753.9850	---	---
		5785	18.184	5776.0394	5794.2234	---	---
		5825	17.937	5815.9771	5833.9141	---	---
11N20SISO	Ant1	5745	19.188	5735.3412	5754.5292	---	---
		5785	19.292	5775.5385	5794.8305	---	---
		5825	19.039	5815.5335	5834.5725	---	---
11N40SISO	Ant1	5755	37.971	5735.9809	5773.9519	---	---
		5795	38.010	5776.3154	5814.3254	---	---
11AC20SISO	Ant1	5745	19.160	5735.3790	5754.5390	---	---
		5785	19.234	5775.5498	5794.7838	---	---
		5825	19.041	5815.5119	5834.5529	---	---
11AC40SISO	Ant1	5755	38.032	5735.9497	5773.9817	---	---
		5795	37.902	5776.3784	5814.2804	---	---
11AX20SISO	Ant1	5745	19.691	5735.1233	5754.8143	---	---
		5785	19.665	5775.2647	5794.9297	---	---
		5825	19.640	5815.2363	5834.8763	---	---
11AX40SISO	Ant1	5755	38.647	5735.7063	5774.3533	---	---
		5795	38.739	5775.7926	5814.5316	---	---

Test Graphs

11A_Ant1_5745



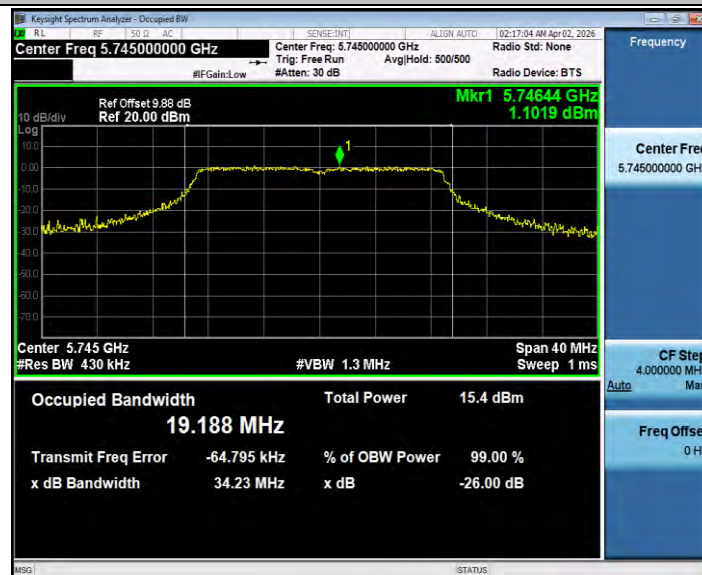
11A_Ant1_5785



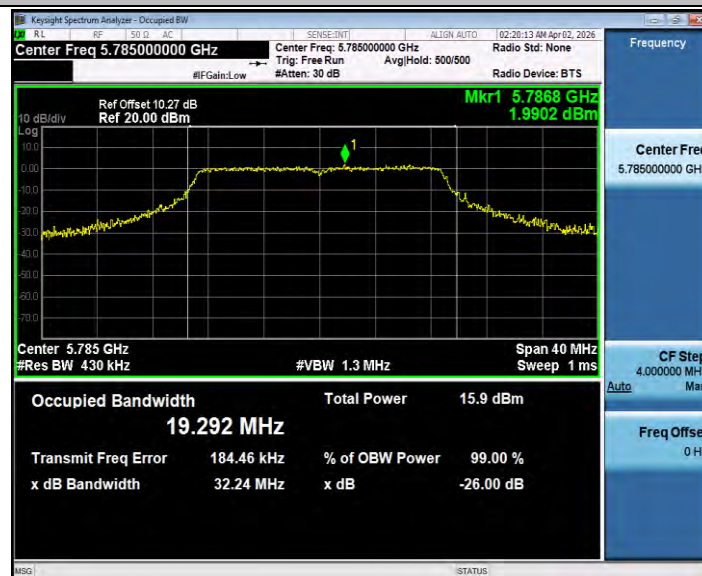
11A_Ant1_5825



11N20SISO_Ant1_5745



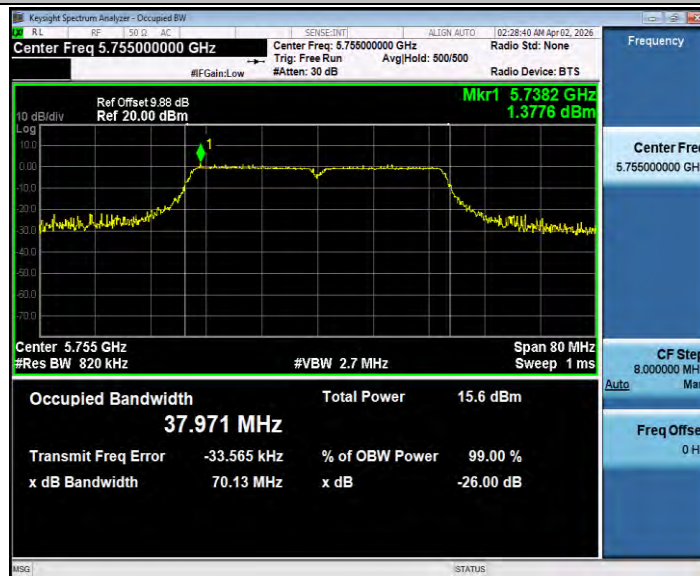
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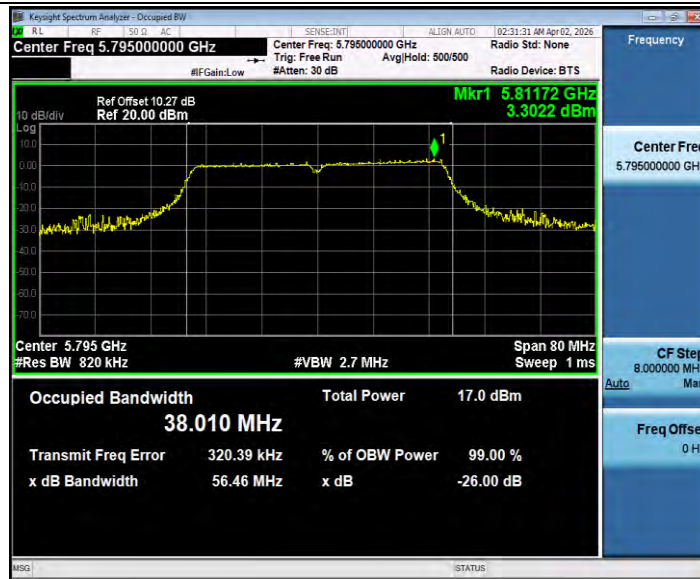
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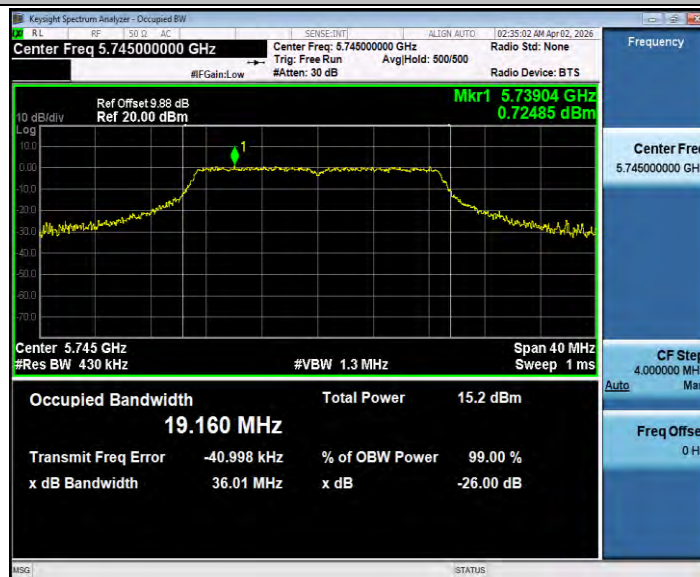
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



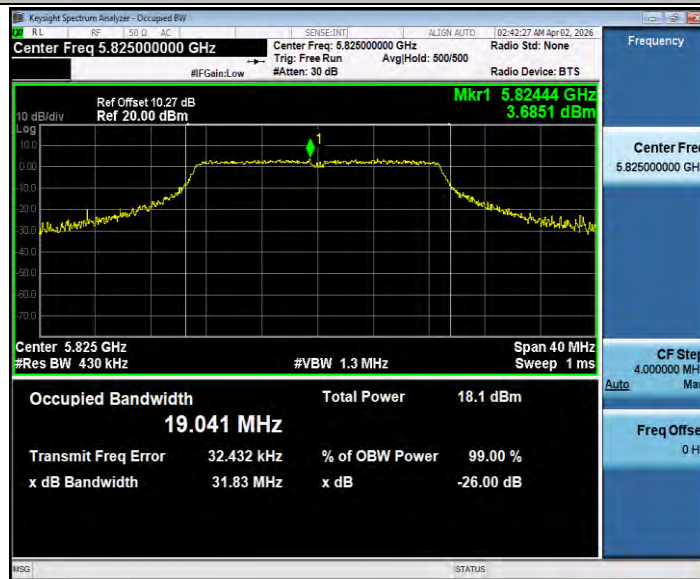
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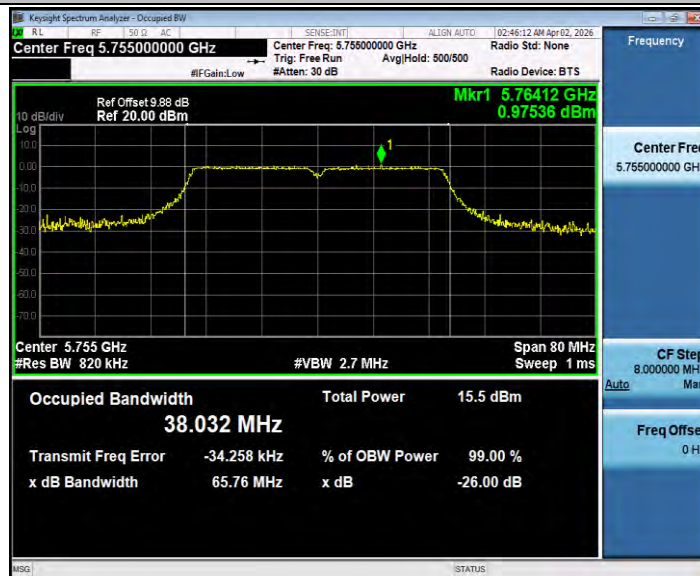
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



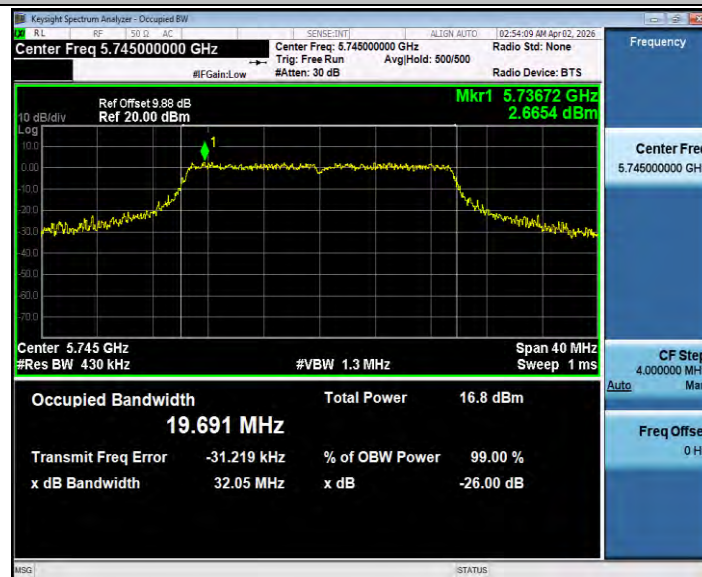
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11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



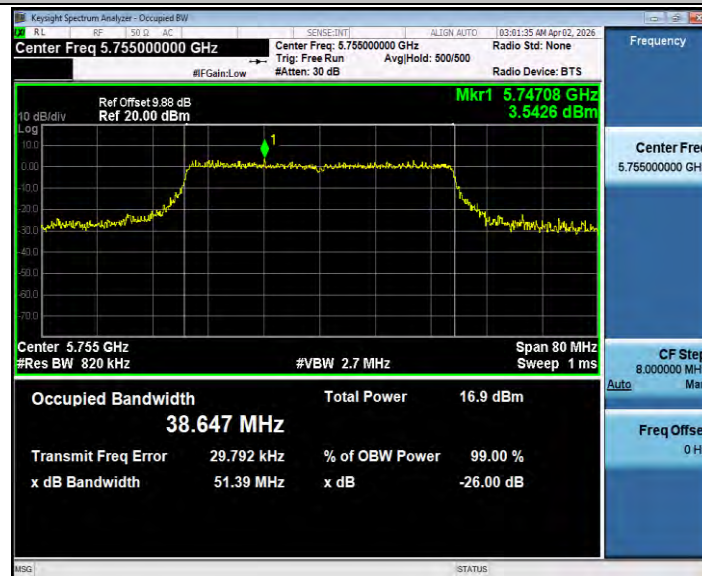
11AX20SISO_Ant1_5785



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	16.360	5736.840	5753.200	0.5	PASS
		5785	16.360	5776.840	5793.200	0.5	PASS
		5825	16.360	5816.840	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.240	5793.840	0.5	PASS
		5825	17.640	5816.200	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.080	5777.160	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.240	5753.840	0.5	PASS
		5785	17.640	5776.200	5793.840	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.000	5777.240	5813.240	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.520	5754.520	0.5	PASS
		5785	18.960	5775.560	5794.520	0.5	PASS
		5825	19.120	5815.480	5834.600	0.5	PASS
11AX40SISO	Ant1	5755	38.160	5735.960	5774.120	0.5	PASS
		5795	38.000	5776.120	5814.120	0.5	PASS

Test Graphs B4

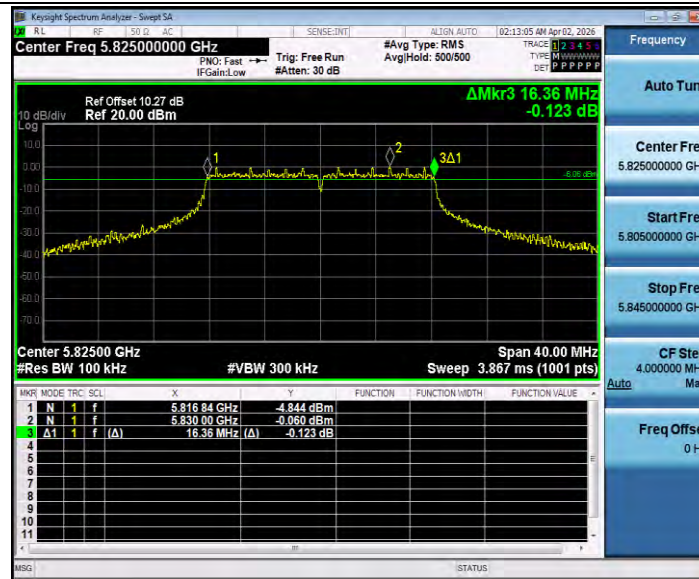
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



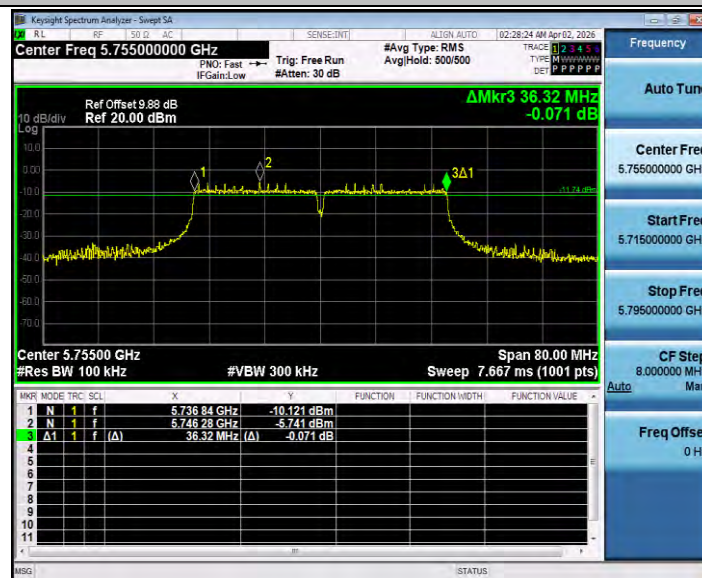
11N20SISO_Ant1_5785



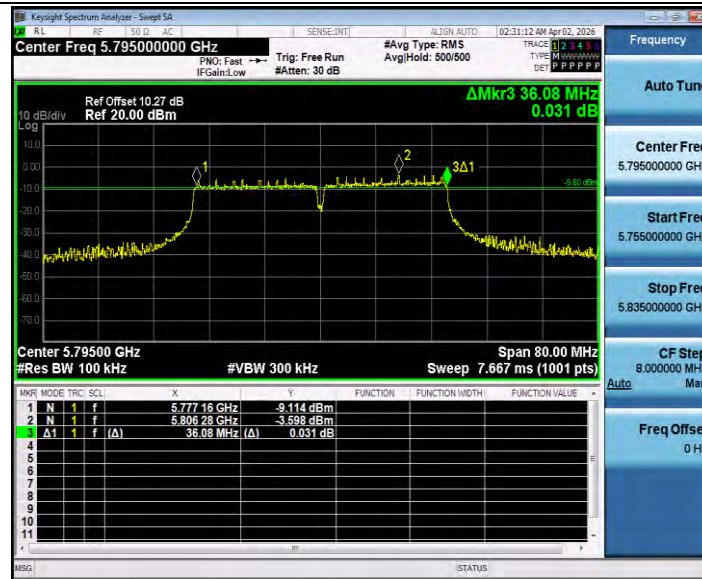
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



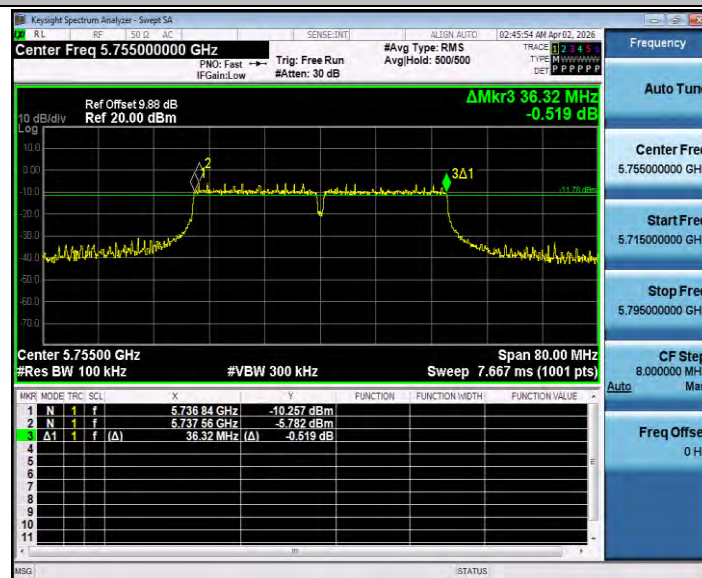
11AC20SISO_Ant1_5785



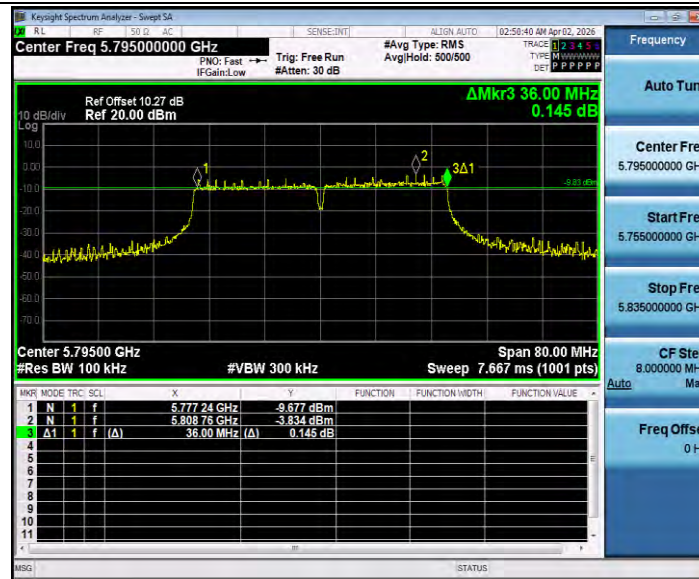
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



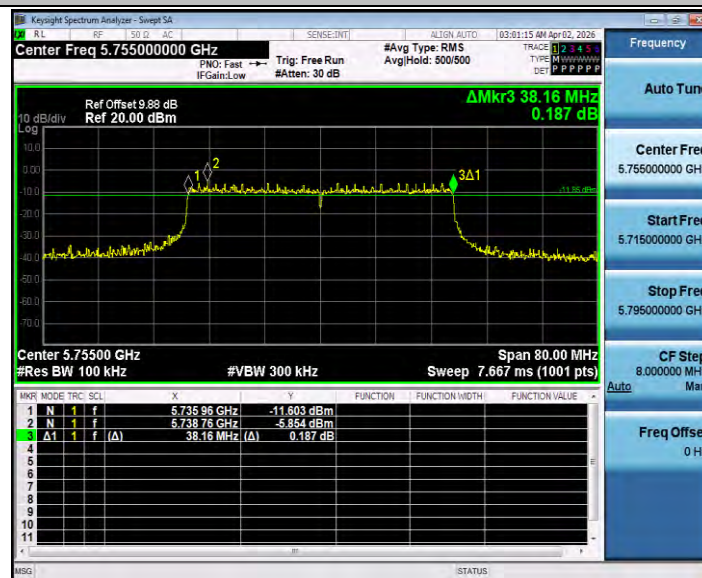
11AX20SISO_Ant1_5785



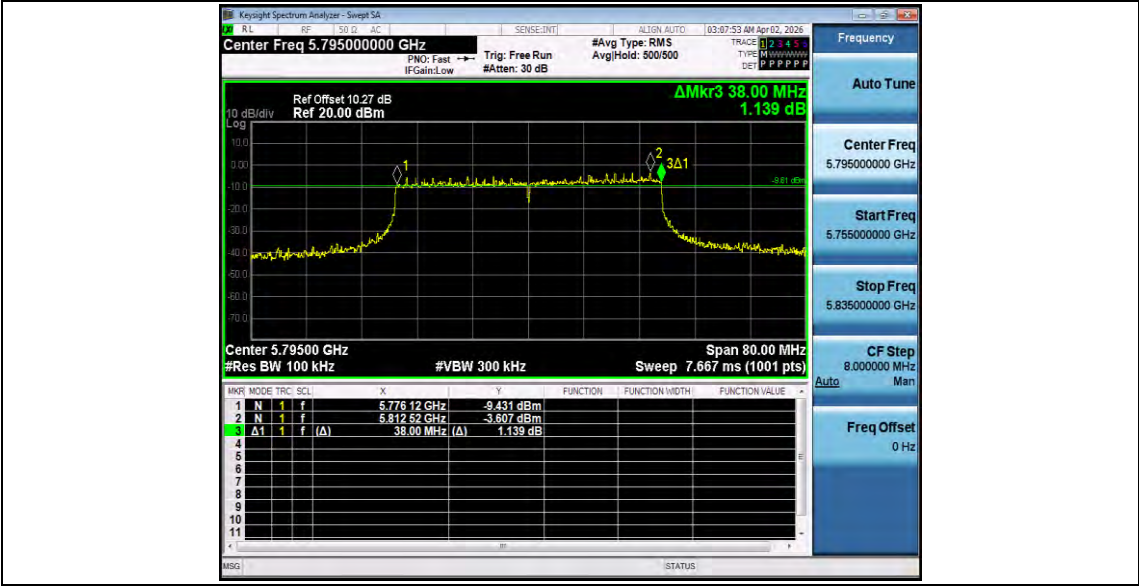
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

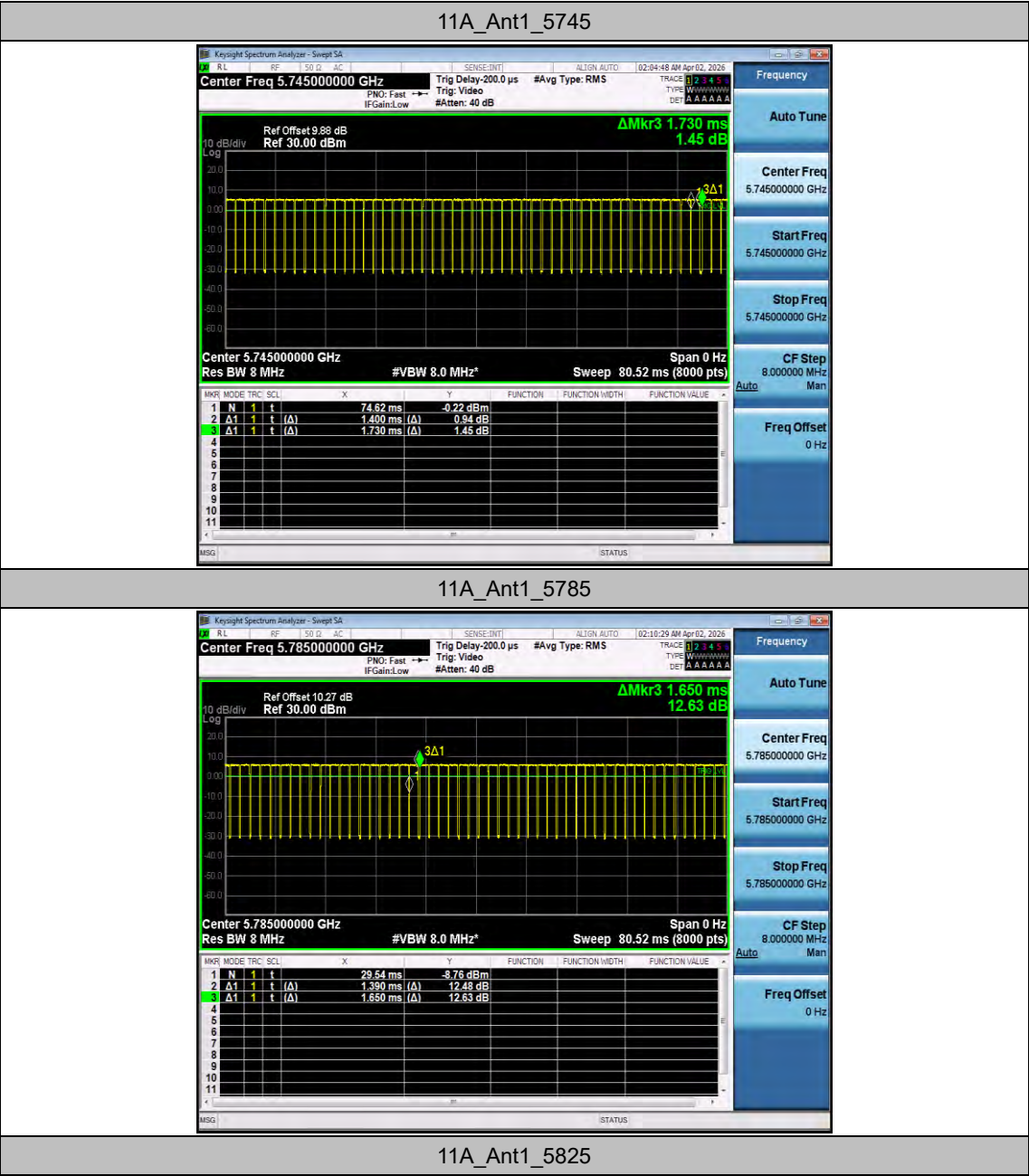


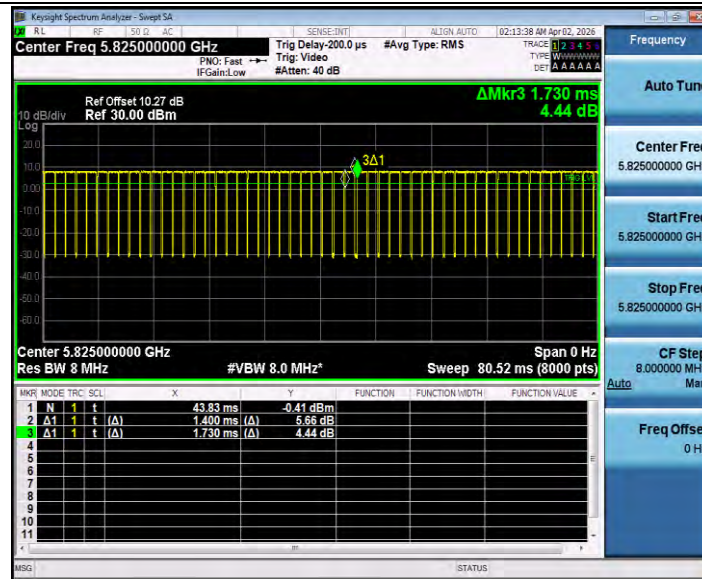
Appendix E.3: Duty Cycle

Test Result

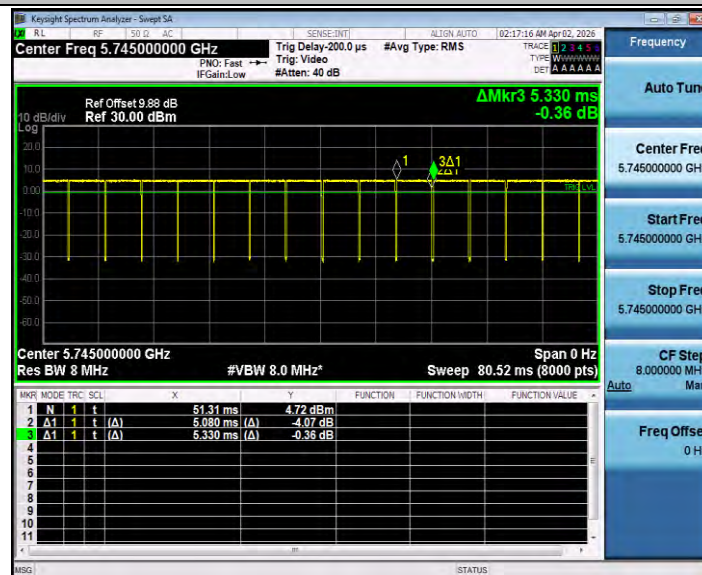
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.40	1.73	80.92	0.92	0.71
		5785	1.39	1.65	84.24	0.74	0.72
		5825	1.40	1.73	80.92	0.92	0.71
11N20SISO	Ant1	5745	5.08	5.33	95.31	0.21	0.20
		5785	5.08	5.36	94.78	0.23	0.20
		5825	5.08	5.32	95.49	0.20	0.20
11N40SISO	Ant1	5755	4.89	5.13	95.32	0.21	0.20
		5795	4.90	5.39	90.91	0.41	0.20
11AC20SISO	Ant1	5745	5.09	5.33	95.50	0.20	0.20
		5785	5.10	5.34	95.51	0.20	0.20
		5825	5.09	5.33	95.50	0.20	0.20
11AC40SISO	Ant1	5755	4.91	5.40	90.93	0.41	0.20
		5795	4.91	5.04	97.42	0.11	0.20
11AX20SISO	Ant1	5745	3.88	4.12	94.17	0.26	0.26
		5785	3.88	4.06	95.57	0.20	0.26
		5825	3.87	4.11	94.16	0.26	0.26
11AX40SISO	Ant1	5755	3.87	4.03	96.03	0.18	0.26
		5795	3.87	4.11	94.16	0.26	0.26

Test Graphs

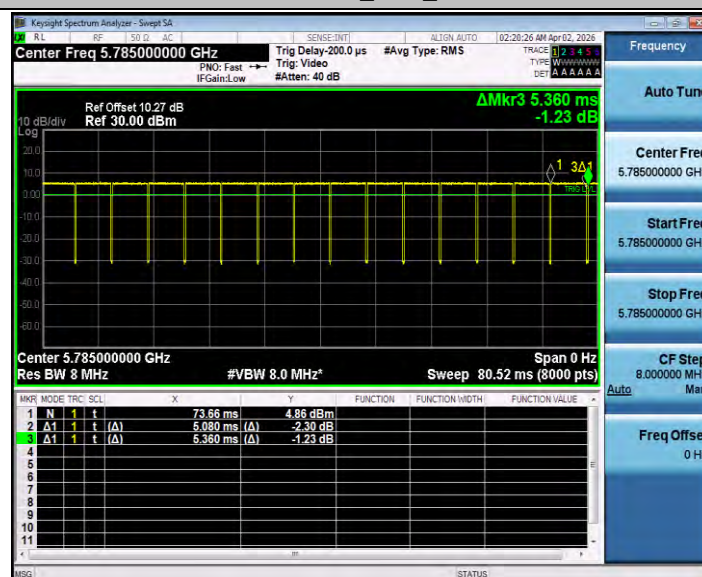




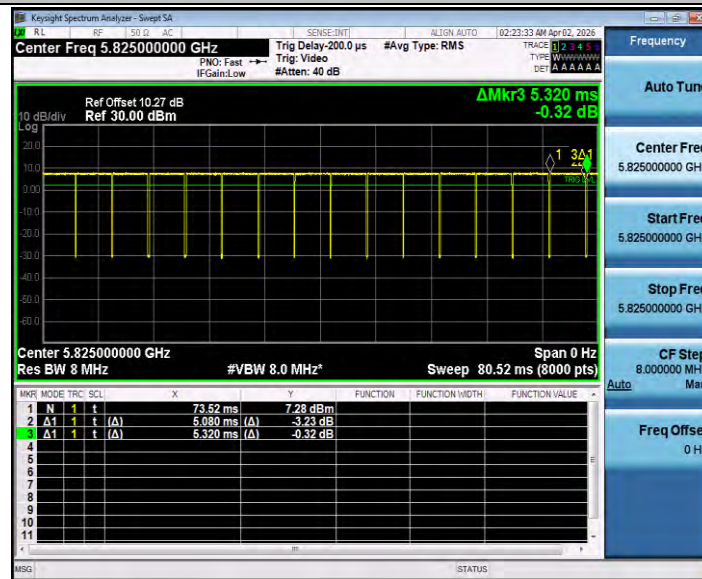
11N20SISO_Ant1_5745



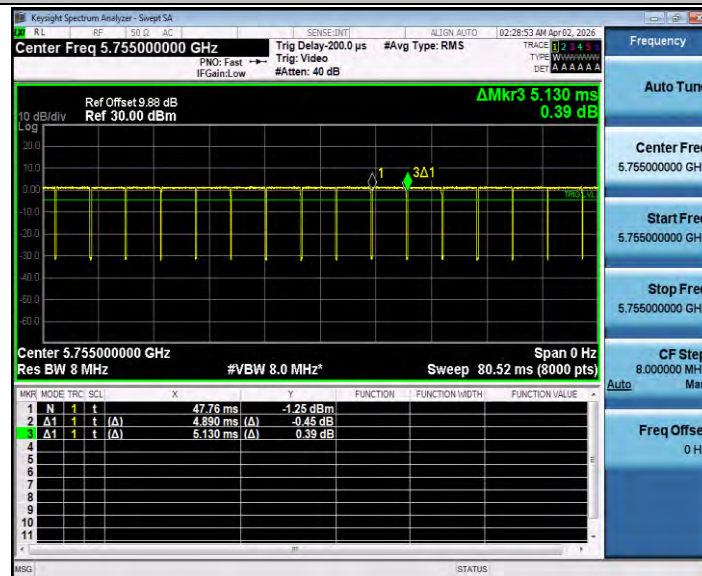
11N20SISO_Ant1_5785



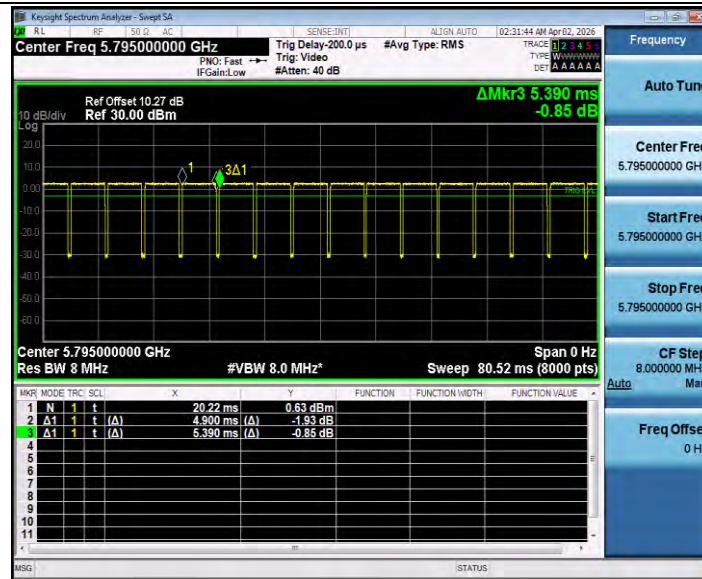
11N20SISO_Ant1_5825



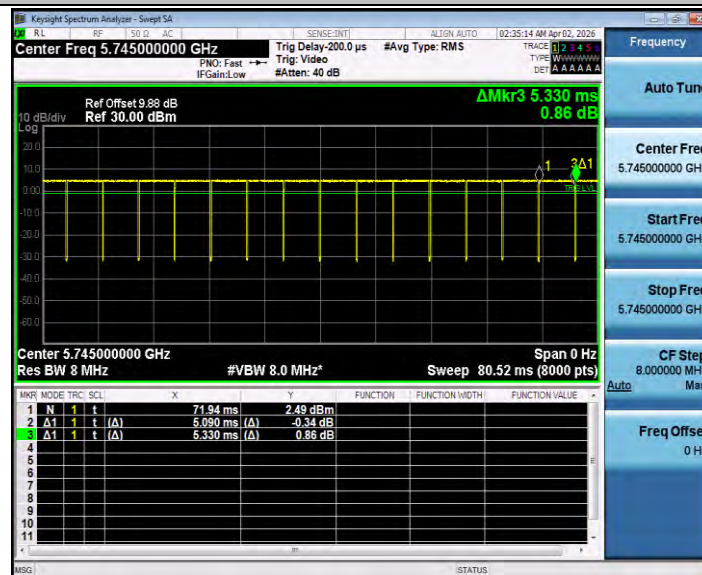
11N40SISO_Ant1_5755



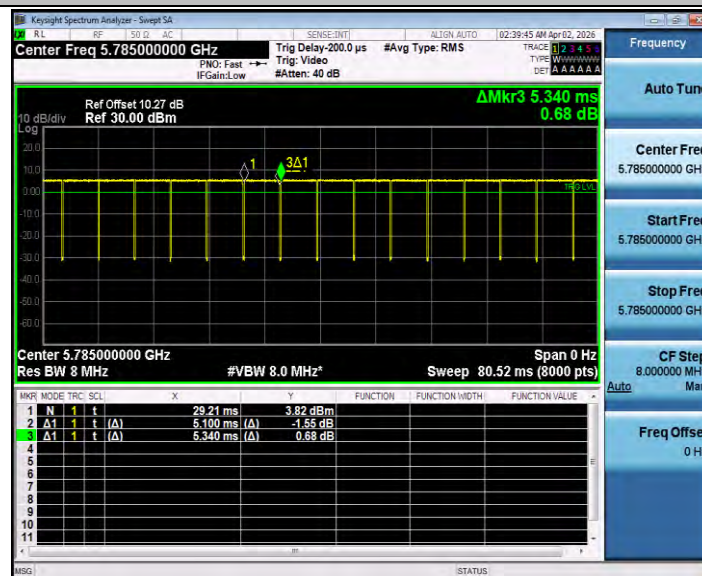
11N40SISO_Ant1_5795

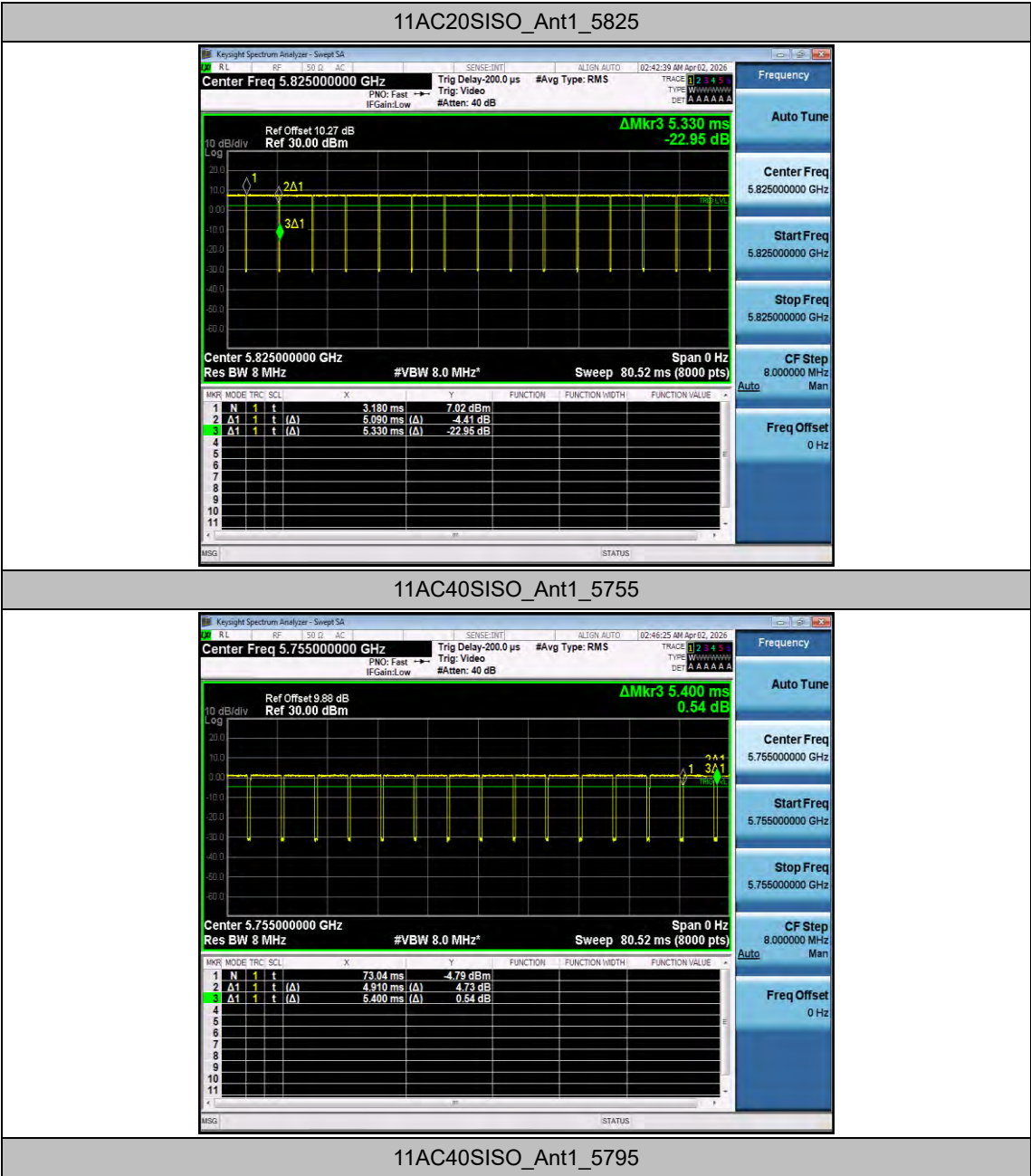


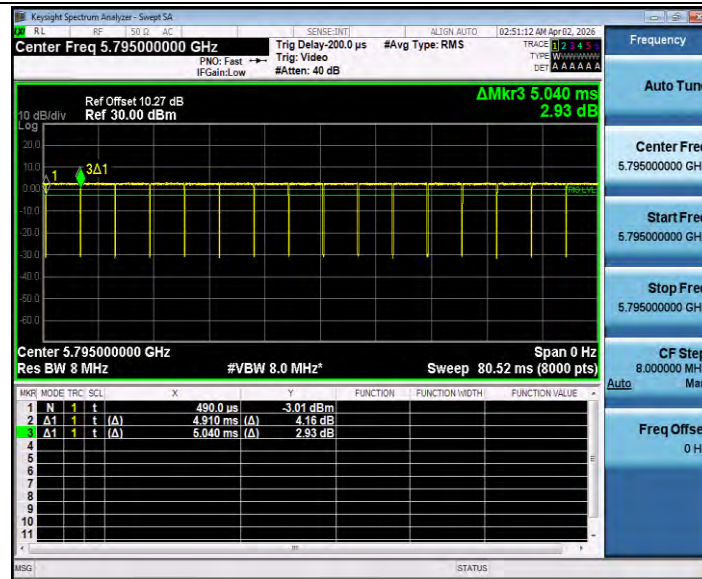
11AC20SISO_Ant1_5745



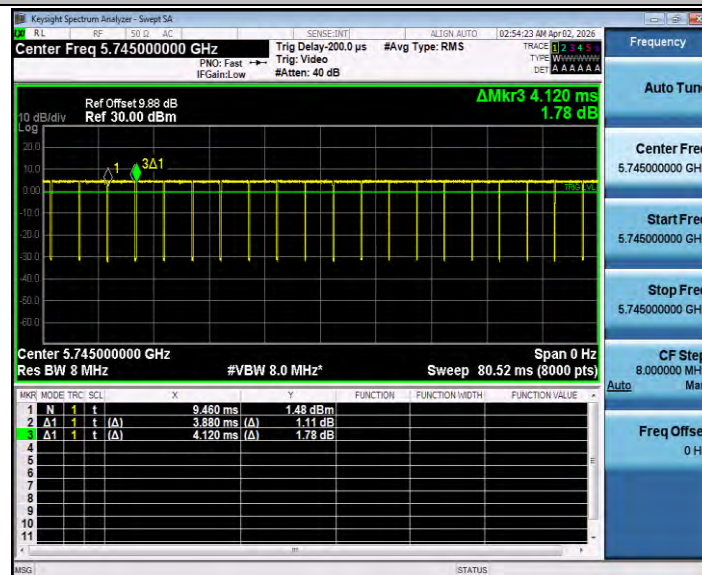
11AC20SISO_Ant1_5785



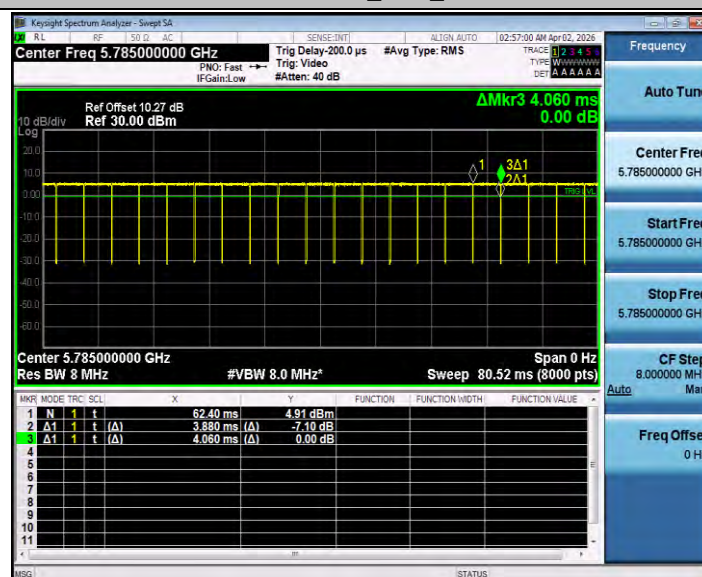




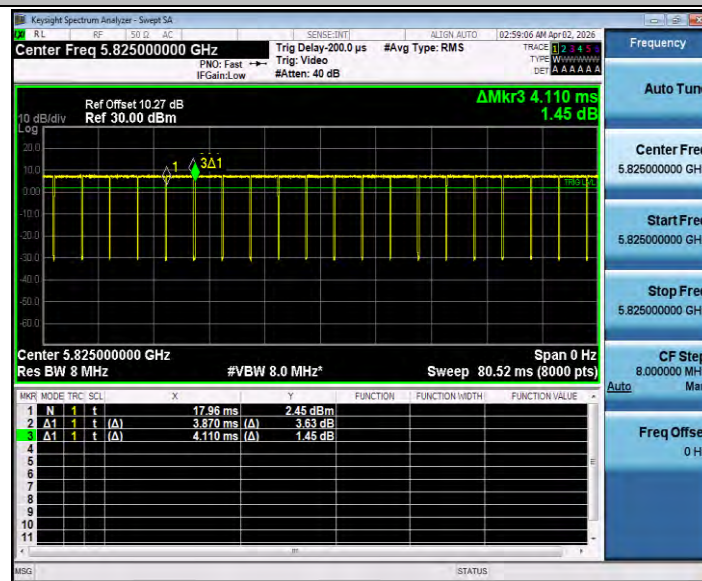
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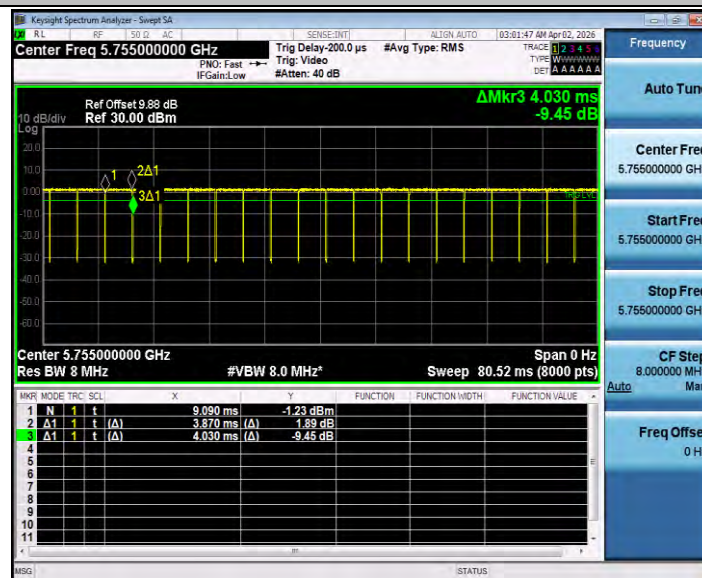
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_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	8.06	80.92	0.92	8.98	≤30.00	PASS
		5785	8.61	84.24	0.74	9.35	≤30.00	PASS
		5825	10.80	80.92	0.92	11.72	≤30.00	PASS
11N20SISO	Ant1	5745	8.43	95.31	0.21	8.64	≤30.00	PASS
		5785	9.04	94.78	0.23	9.27	≤30.00	PASS
		5825	11.15	95.49	0.20	11.35	≤30.00	PASS
11N40SISO	Ant1	5755	8.16	95.32	0.21	8.37	≤30.00	PASS
		5795	9.53	90.91	0.41	9.94	≤30.00	PASS
11AC20SISO	Ant1	5745	8.22	95.50	0.20	8.42	≤30.00	PASS
		5785	8.77	95.51	0.20	8.97	≤30.00	PASS
		5825	11.09	95.50	0.20	11.29	≤30.00	PASS
11AC40SISO	Ant1	5755	7.80	90.93	0.41	8.21	≤30.00	PASS
		5795	9.56	97.42	0.11	9.67	≤30.00	PASS
11AX20SISO	Ant1	5745	8.30	94.17	0.26	8.56	≤30.00	PASS
		5785	8.94	95.57	0.20	9.14	≤30.00	PASS
		5825	10.99	94.16	0.26	11.25	≤30.00	PASS
11AX40SISO	Ant1	5755	8.02	96.03	0.18	8.20	≤30.00	PASS
		5795	9.49	94.16	0.26	9.75	≤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	-5.23	≤30.00	PASS
		5785	-4.46	≤30.00	PASS
		5825	-2.57	≤30.00	PASS
11N20SISO	Ant1	5745	-6.28	≤30.00	PASS
		5785	-5.37	≤30.00	PASS
		5825	-3.54	≤30.00	PASS
11N40SISO	Ant1	5755	-9.38	≤30.00	PASS
		5795	-6.67	≤30.00	PASS
11AC20SISO	Ant1	5745	-6.45	≤30.00	PASS
		5785	-5.47	≤30.00	PASS
		5825	-3.67	≤30.00	PASS
11AC40SISO	Ant1	5755	-9.15	≤30.00	PASS
		5795	-7.05	≤30.00	PASS
11AX20SISO	Ant1	5745	-6.69	≤30.00	PASS
		5785	-5.74	≤30.00	PASS
		5825	-3.97	≤30.00	PASS
11AX40SISO	Ant1	5755	-9.71	≤30.00	PASS
		5795	-7.31	≤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



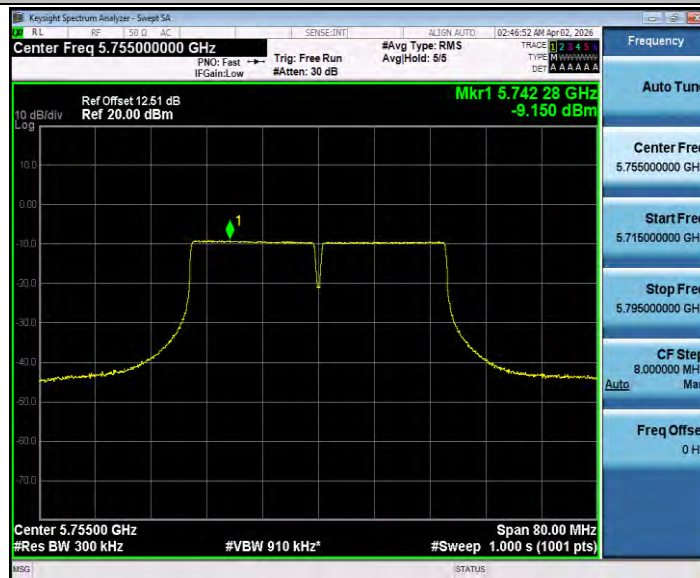
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

