

Case No. : <u>GTS20250724007-3-04</u>
Ambient Condition: <u>22</u> °C, <u>53</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.8.4-2025.8.29</u> Test Engineer: <u>Evan ouyang</u>

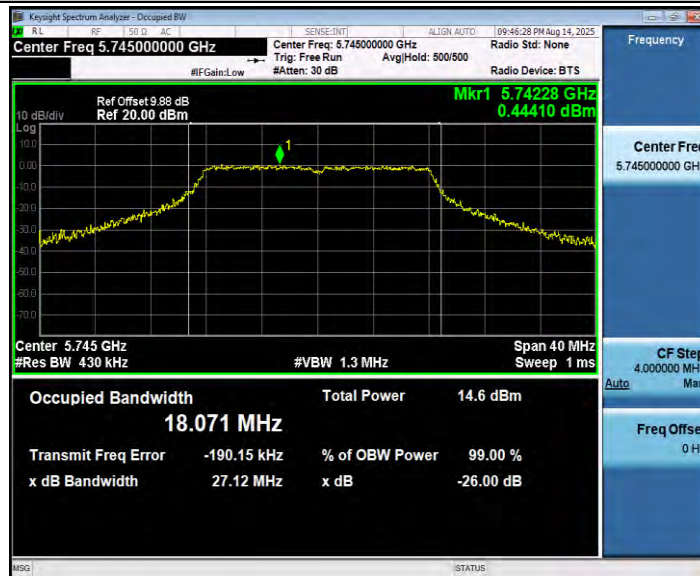
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.071	5735.7744	5753.8454	---	---
		5785	17.899	5775.9367	5793.8357	---	---
		5825	17.931	5815.9689	5833.8999	---	---
11N20SISO	Ant1	5745	19.079	5735.3988	5754.4778	---	---
		5785	19.111	5775.3892	5794.5002	---	---
		5825	19.027	5815.4696	5834.4966	---	---
11N40SISO	Ant1	5755	37.786	5736.0201	5773.8061	---	---
		5795	37.705	5776.1259	5813.8309	---	---
11AC20SISO	Ant1	5745	18.978	5735.4348	5754.4128	---	---
		5785	19.035	5775.4760	5794.5110	---	---
		5825	19.019	5815.5190	5834.5380	---	---
11AC40SISO	Ant1	5755	37.910	5735.8787	5773.7887	---	---
		5795	37.818	5776.0722	5813.8902	---	---
11AX20SISO	Ant1	5745	19.681	5735.1461	5754.8271	---	---
		5785	19.697	5775.1673	5794.8643	---	---
		5825	19.685	5815.1609	5834.8459	---	---
11AX40SISO	Ant1	5755	38.576	5735.6719	5774.2479	---	---
		5795	38.651	5775.7066	5814.3576	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



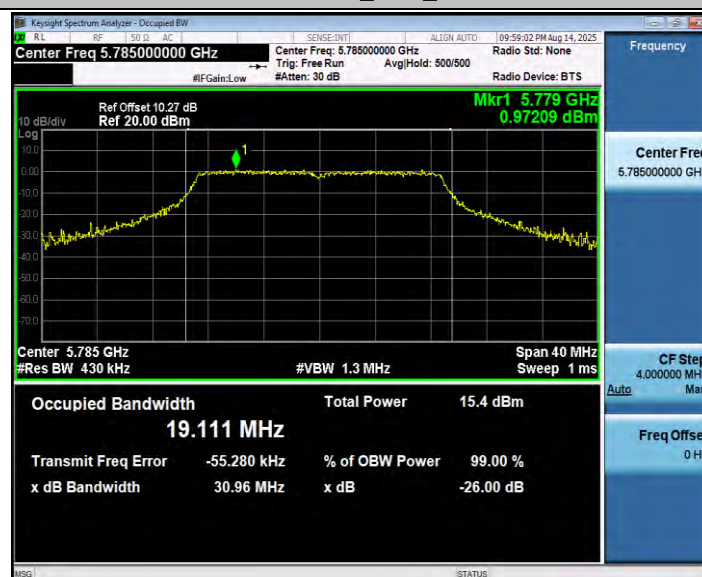
11A_Ant1_5825



11N20SISO_Ant1_5745



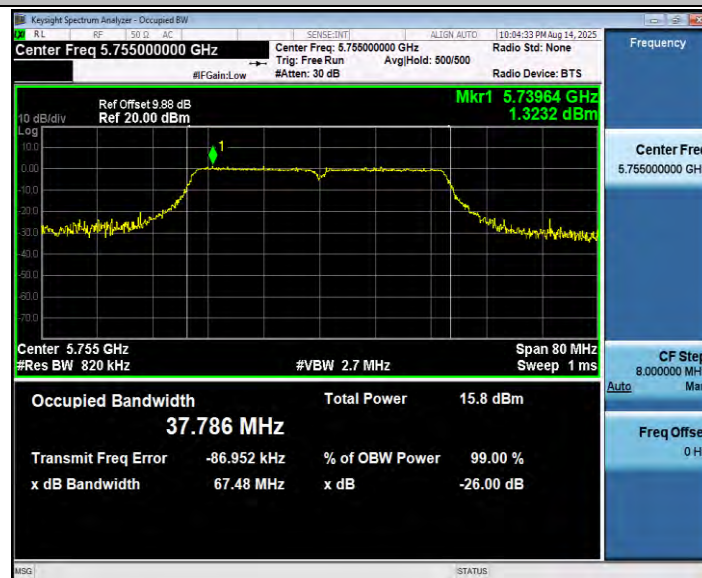
11N20SISO_Ant1_5785



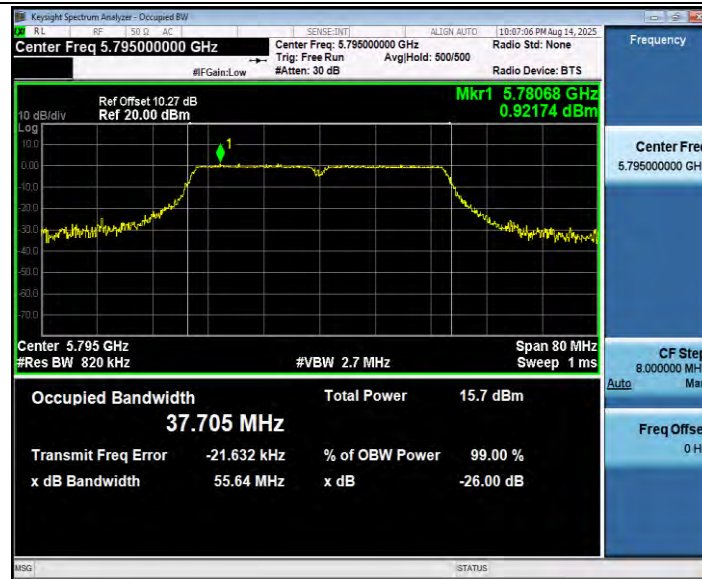
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



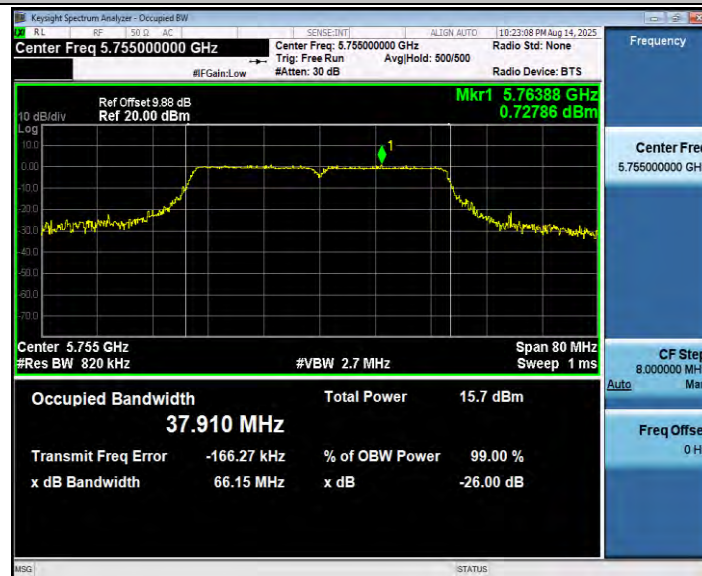
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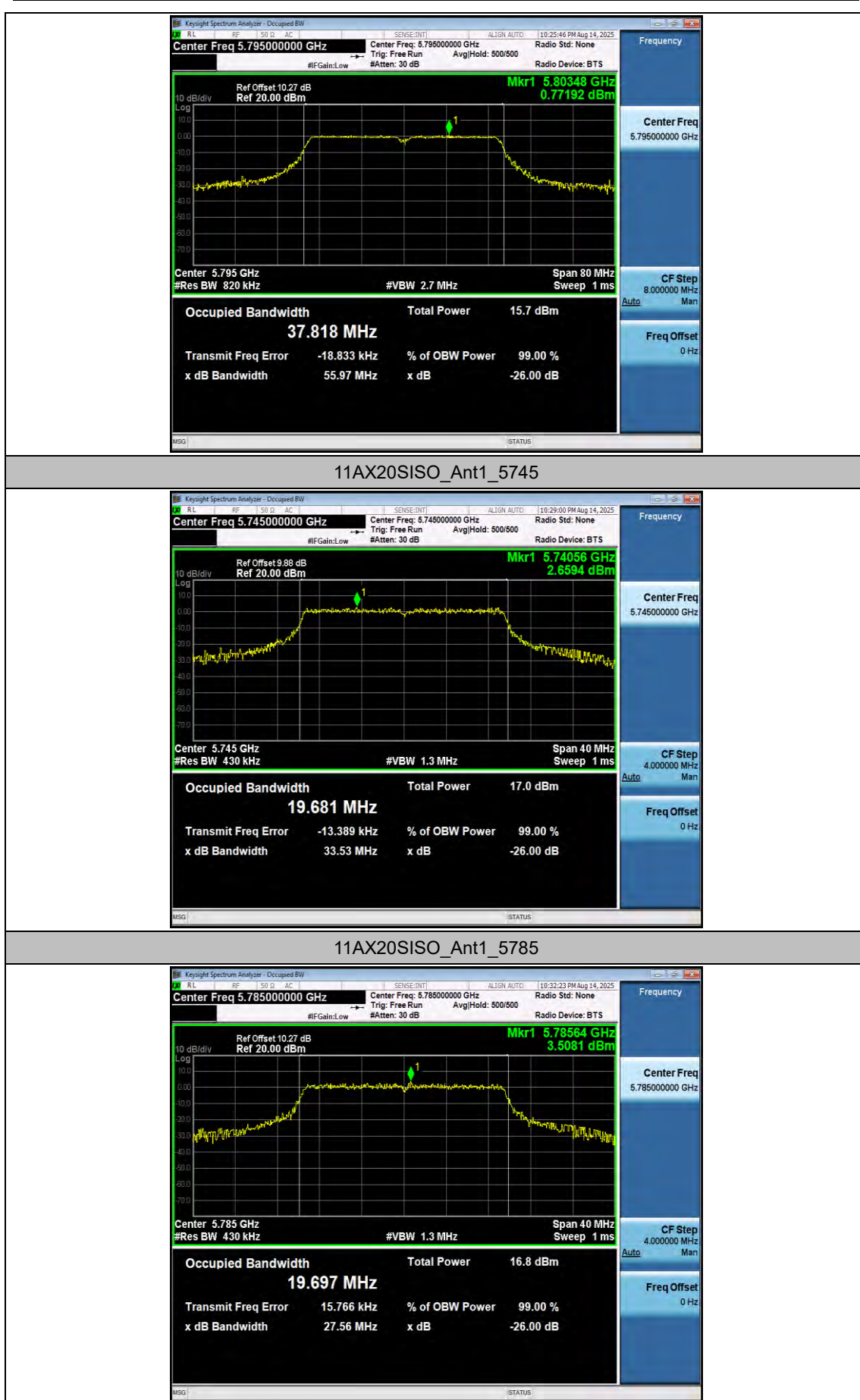
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



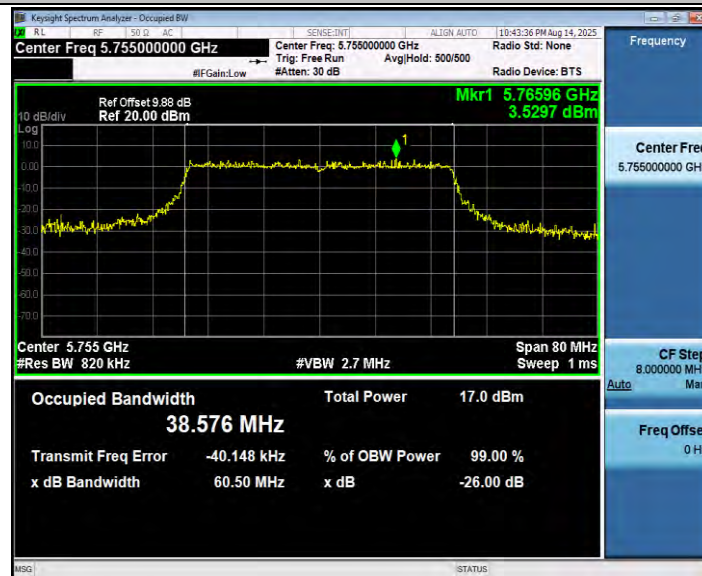
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



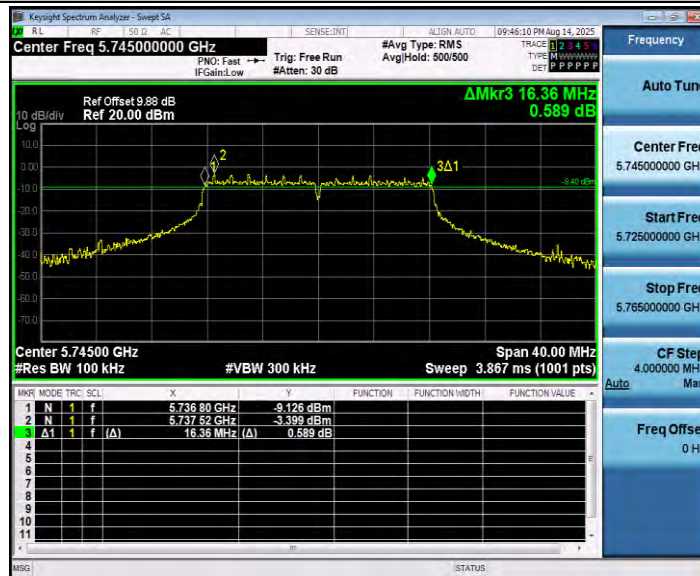
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	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	36.320	5776.840	5813.160	0.5	PASS
11AX20SISO	Ant1	5745	19.040	5735.480	5754.520	0.5	PASS
		5785	19.040	5775.480	5794.520	0.5	PASS
		5825	19.000	5815.520	5834.520	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

Test Graphs B4

11A_Ant1_5745



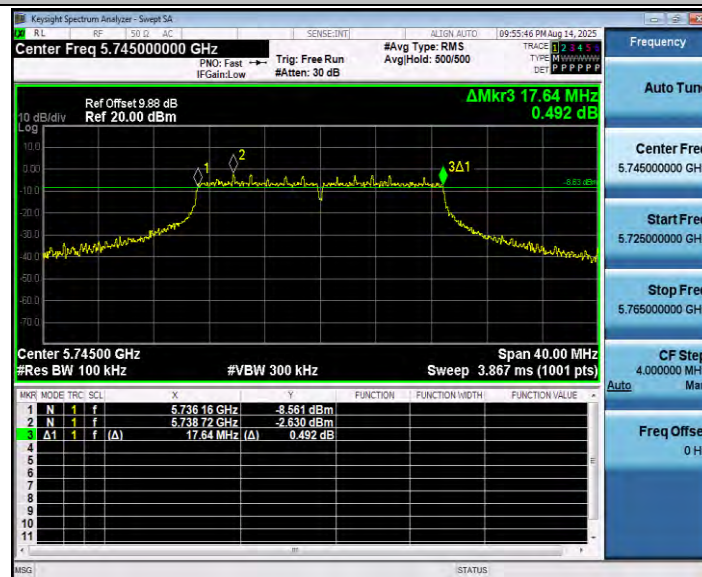
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



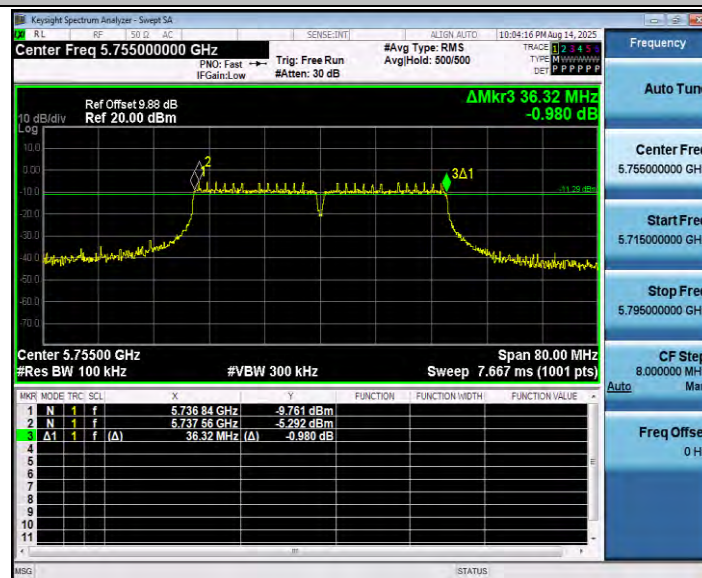
11N20SISO_Ant1_5785



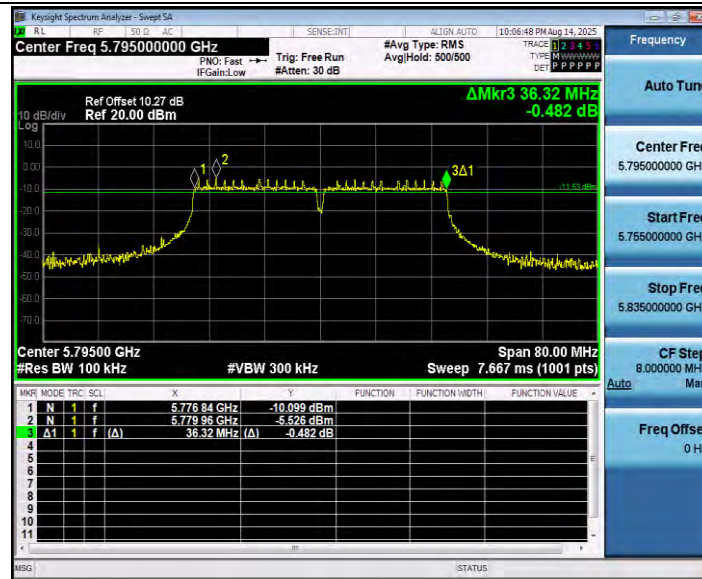
11N20SISO_Ant1_5825



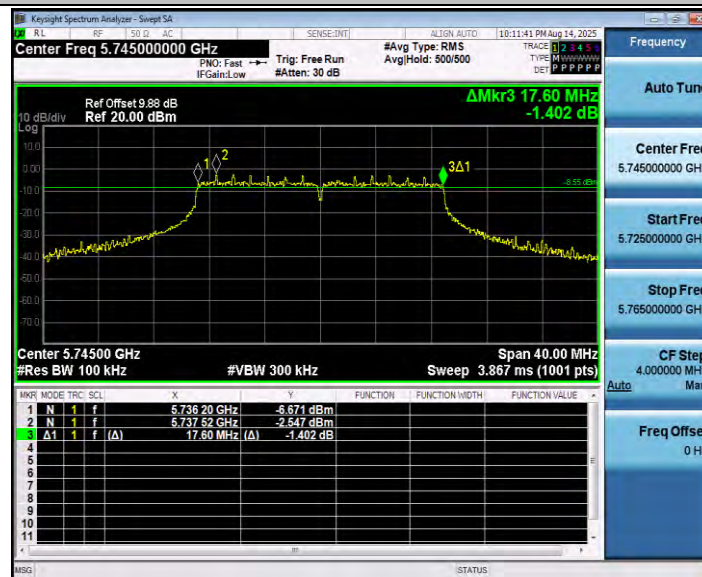
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



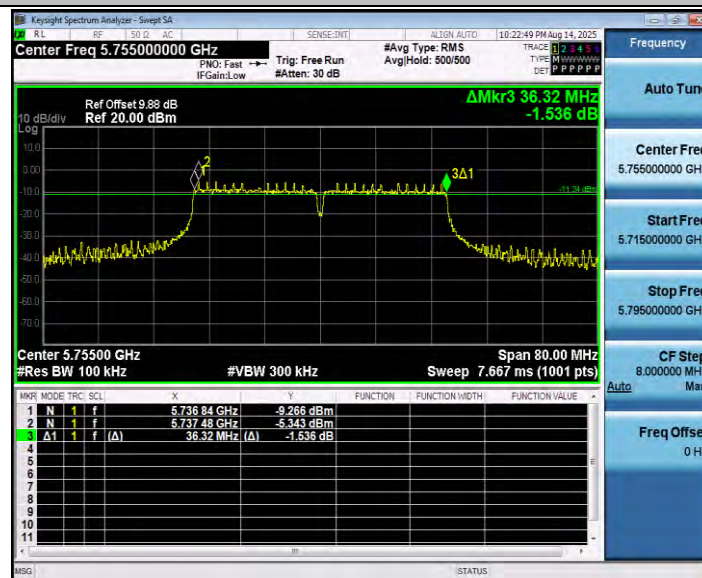
11AC20SISO_Ant1_5785



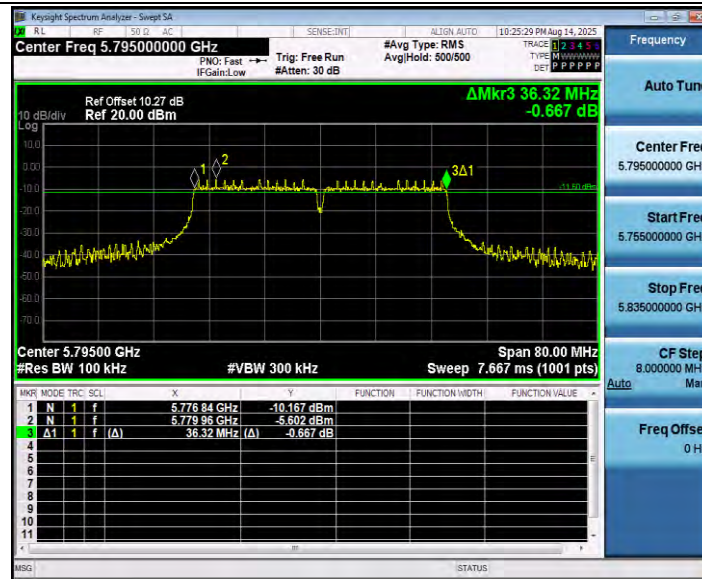
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



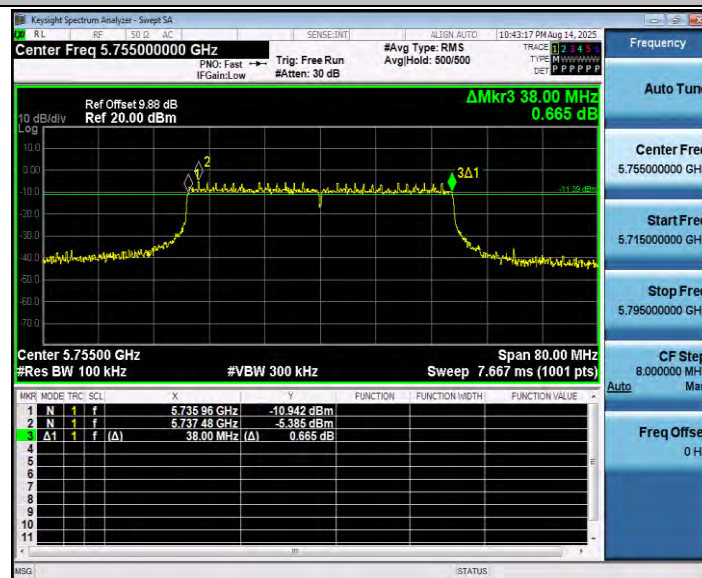
11AX20SISO_Ant1_5785



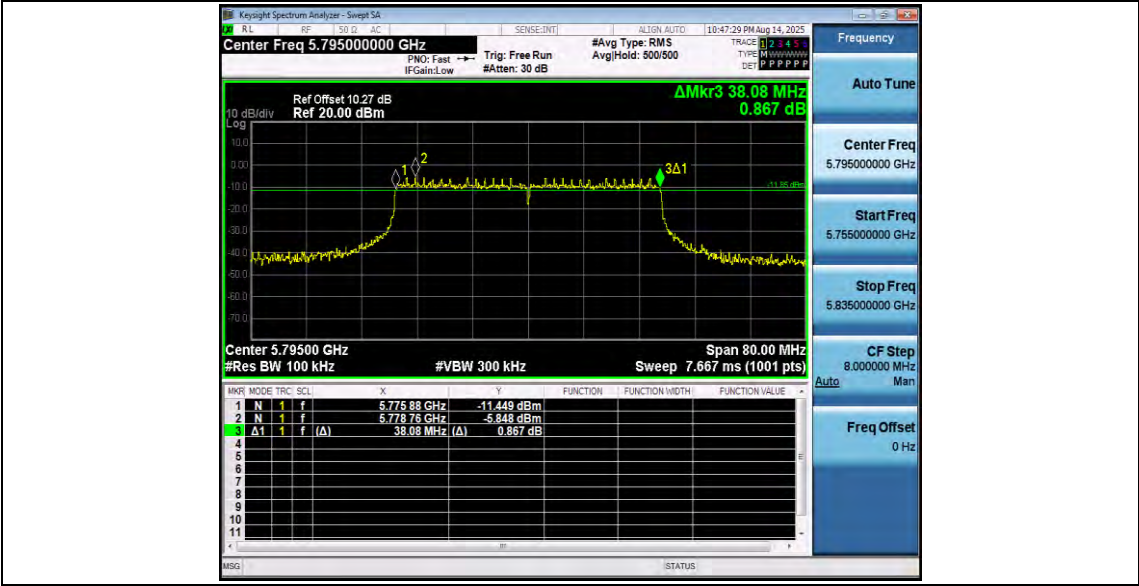
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



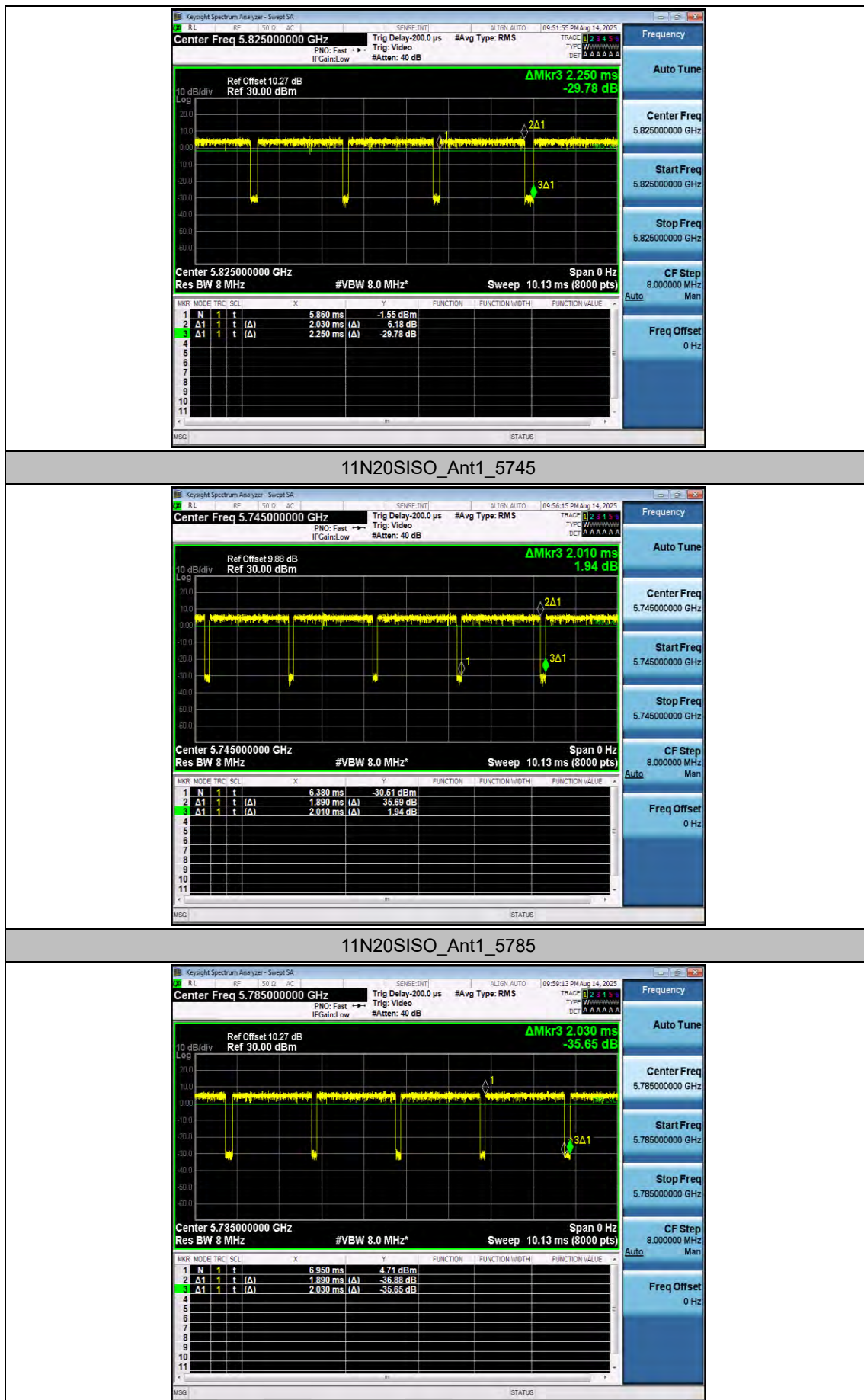
11AX40SISO_Ant1_5795

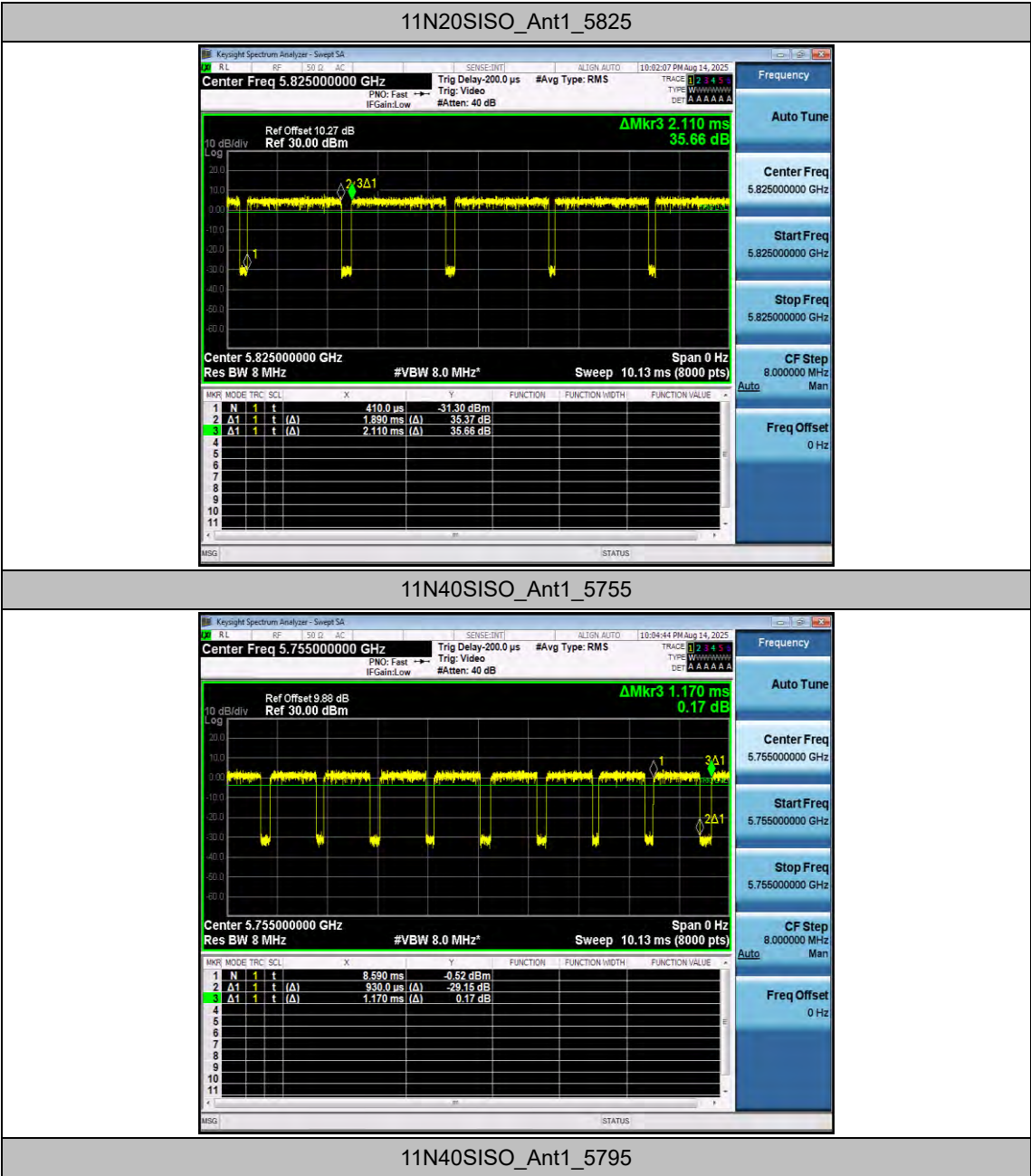


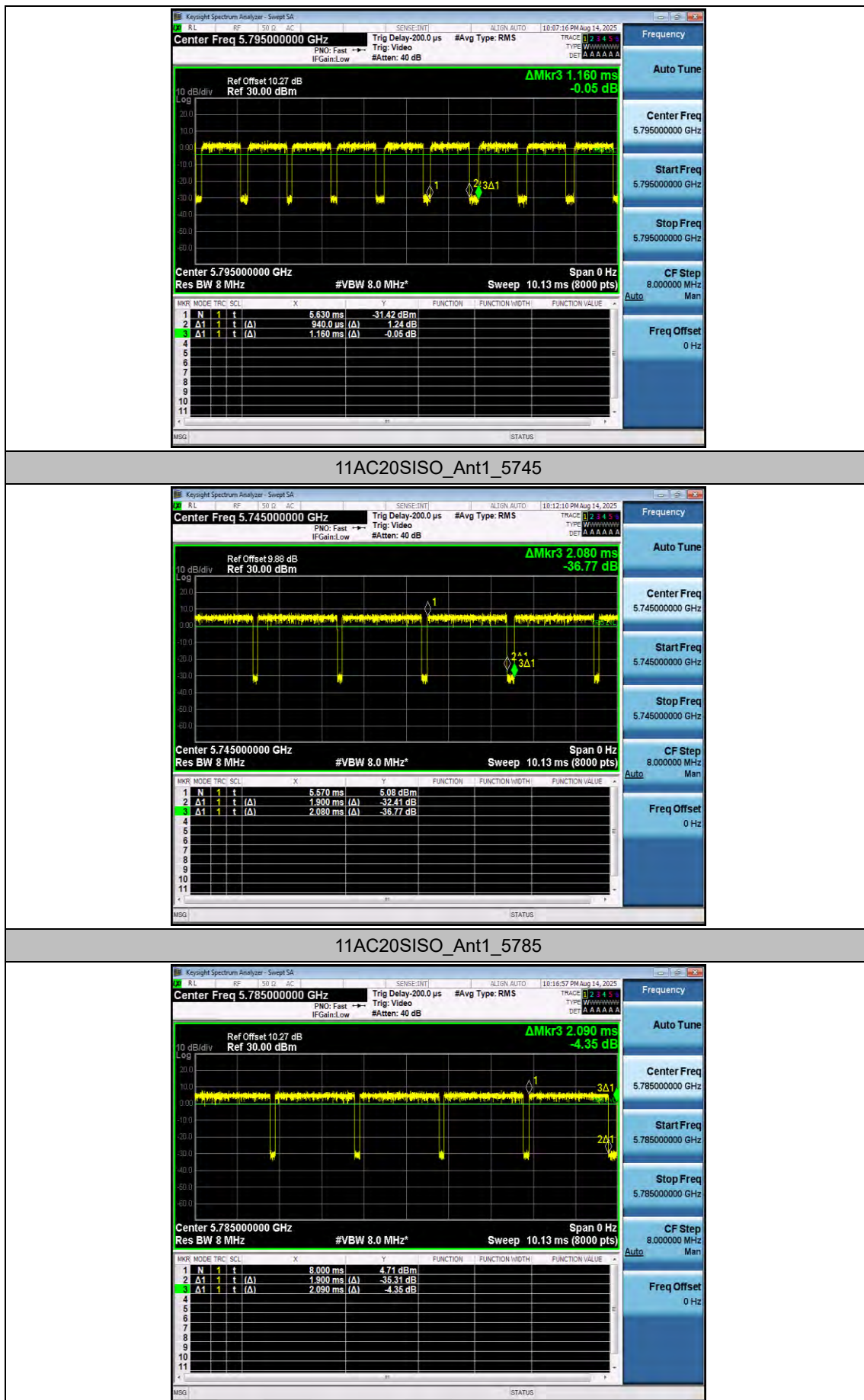
Appendix E.3: Duty Cycle

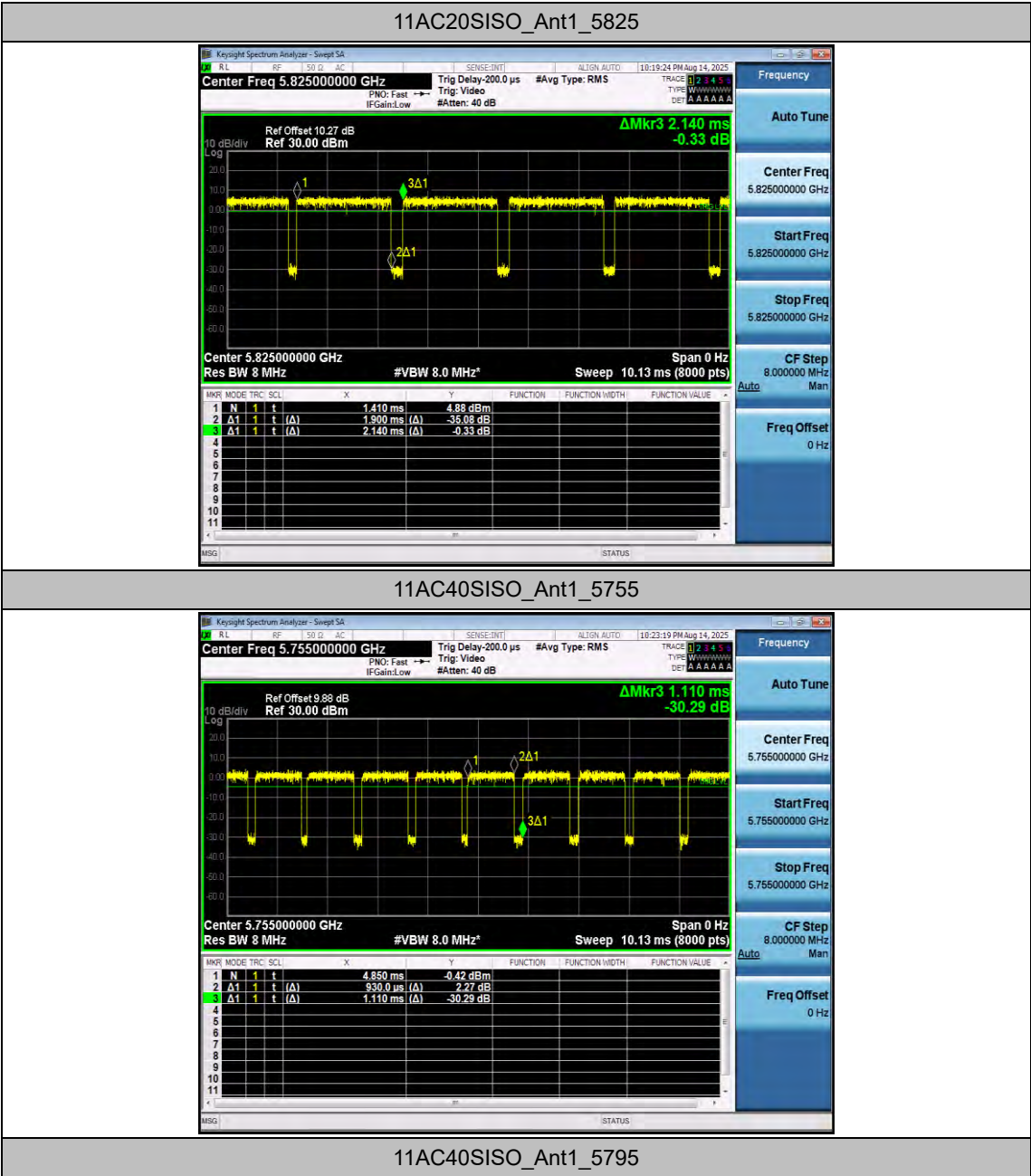
Test Result

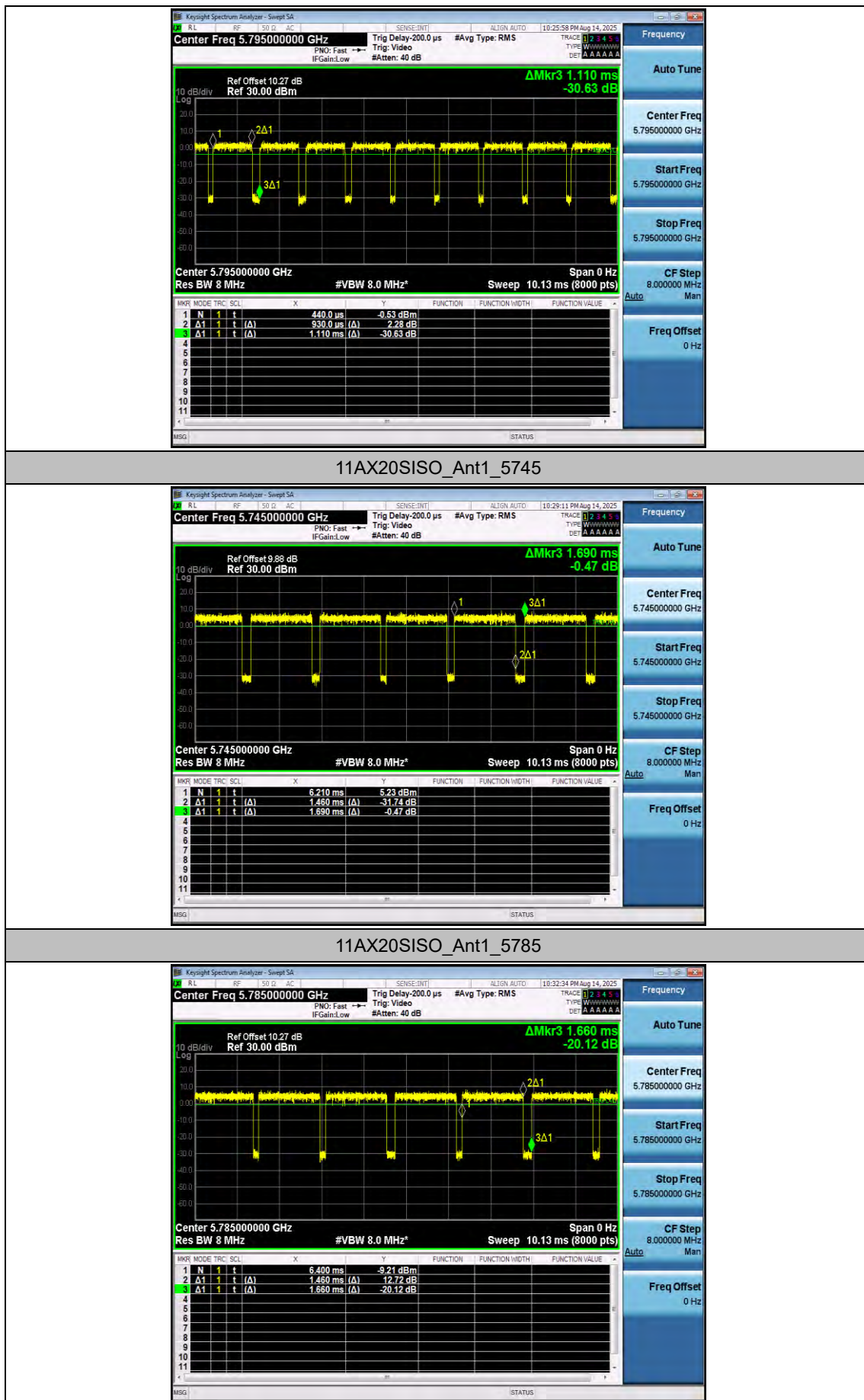
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.89	2.01	94.03	0.27	0.49
		5785	2.03	2.32	87.50	0.58	0.49
		5825	2.03	2.25	90.22	0.45	0.49
11N20SISO	Ant1	5745	1.89	2.01	94.03	0.27	0.53
		5785	1.89	2.03	93.10	0.31	0.53
		5825	1.89	2.11	89.57	0.48	0.53
11N40SISO	Ant1	5755	0.93	1.17	79.49	1.00	1.08
		5795	0.94	1.16	81.03	0.91	1.06
11AC20SISO	Ant1	5745	1.90	2.08	91.35	0.39	0.53
		5785	1.90	2.09	90.91	0.41	0.53
		5825	1.90	2.14	88.79	0.52	0.53
11AC40SISO	Ant1	5755	0.93	1.11	83.78	0.77	1.08
		5795	0.93	1.11	83.78	0.77	1.08
11AX20SISO	Ant1	5745	1.46	1.69	86.39	0.64	0.68
		5785	1.46	1.66	87.95	0.56	0.68
		5825	1.46	1.67	87.43	0.58	0.68
11AX40SISO	Ant1	5755	0.76	0.96	79.17	1.01	1.32
		5795	0.76	1.24	61.29	2.13	1.32



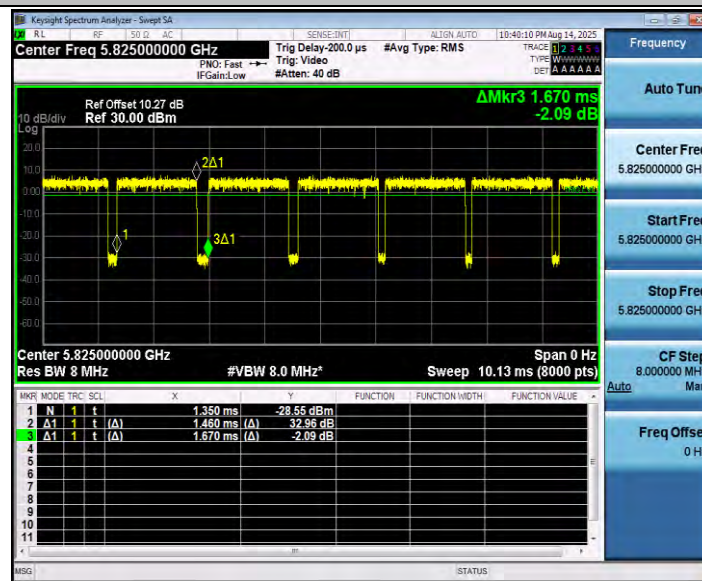




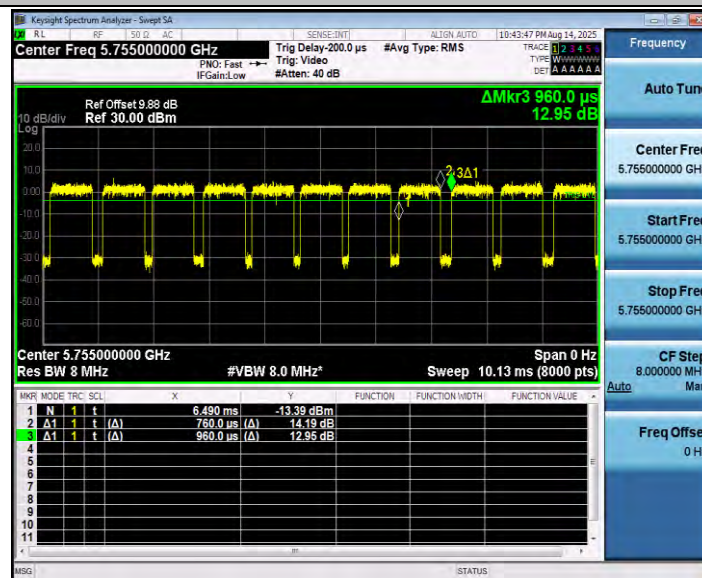




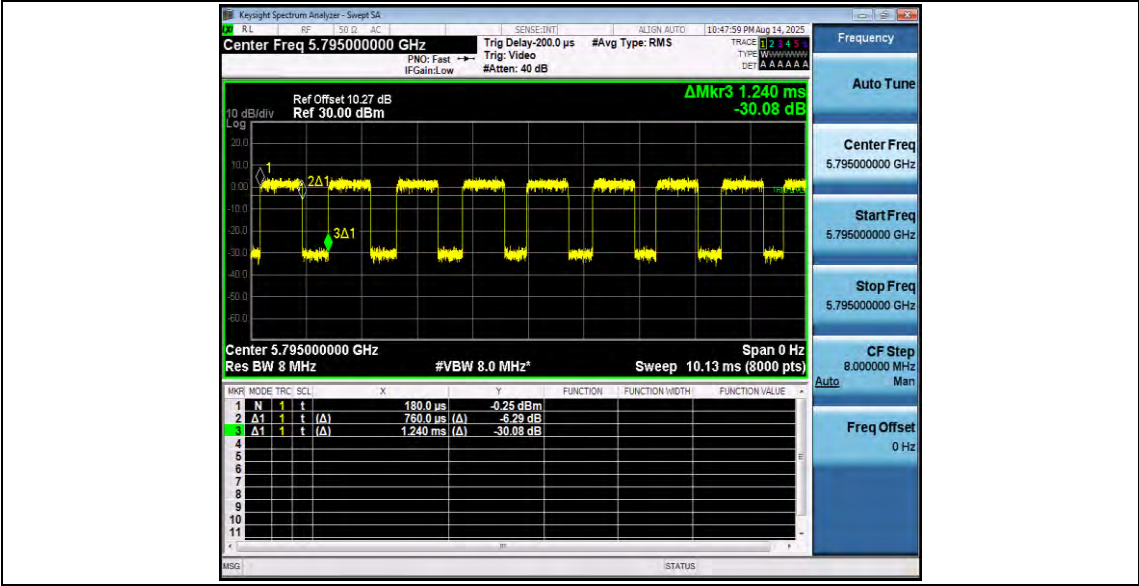
11AX20SISO_Ant1_5825



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	8.31	94.03	0.27	8.58	≤30.00	PASS
		5785	7.33	87.50	0.58	7.91	≤30.00	PASS
		5825	7.03	90.22	0.45	7.48	≤30.00	PASS
11N20SISO	Ant1	5745	8.32	94.03	0.27	8.59	≤30.00	PASS
		5785	8.24	93.10	0.31	8.55	≤30.00	PASS
		5825	7.93	89.57	0.48	8.41	≤30.00	PASS
11N40SISO	Ant1	5755	7.84	79.49	1.00	8.84	≤30.00	PASS
		5795	7.64	81.03	0.91	8.55	≤30.00	PASS
11AC20SISO	Ant1	5745	8.31	91.35	0.39	8.70	≤30.00	PASS
		5785	8.12	90.91	0.41	8.53	≤30.00	PASS
		5825	7.98	88.79	0.52	8.50	≤30.00	PASS
11AC40SISO	Ant1	5755	7.68	83.78	0.77	8.45	≤30.00	PASS
		5795	7.61	83.78	0.77	8.38	≤30.00	PASS
11AX20SISO	Ant1	5745	8.27	86.39	0.64	8.91	≤30.00	PASS
		5785	8.11	87.95	0.56	8.67	≤30.00	PASS
		5825	7.80	87.43	0.58	8.38	≤30.00	PASS
11AX40SISO	Ant1	5755	7.67	79.17	1.01	8.68	≤30.00	PASS
		5795	7.55	61.29	2.13	9.68	≤30.00	PASS

Appendix E.5: Maximum power spectral density

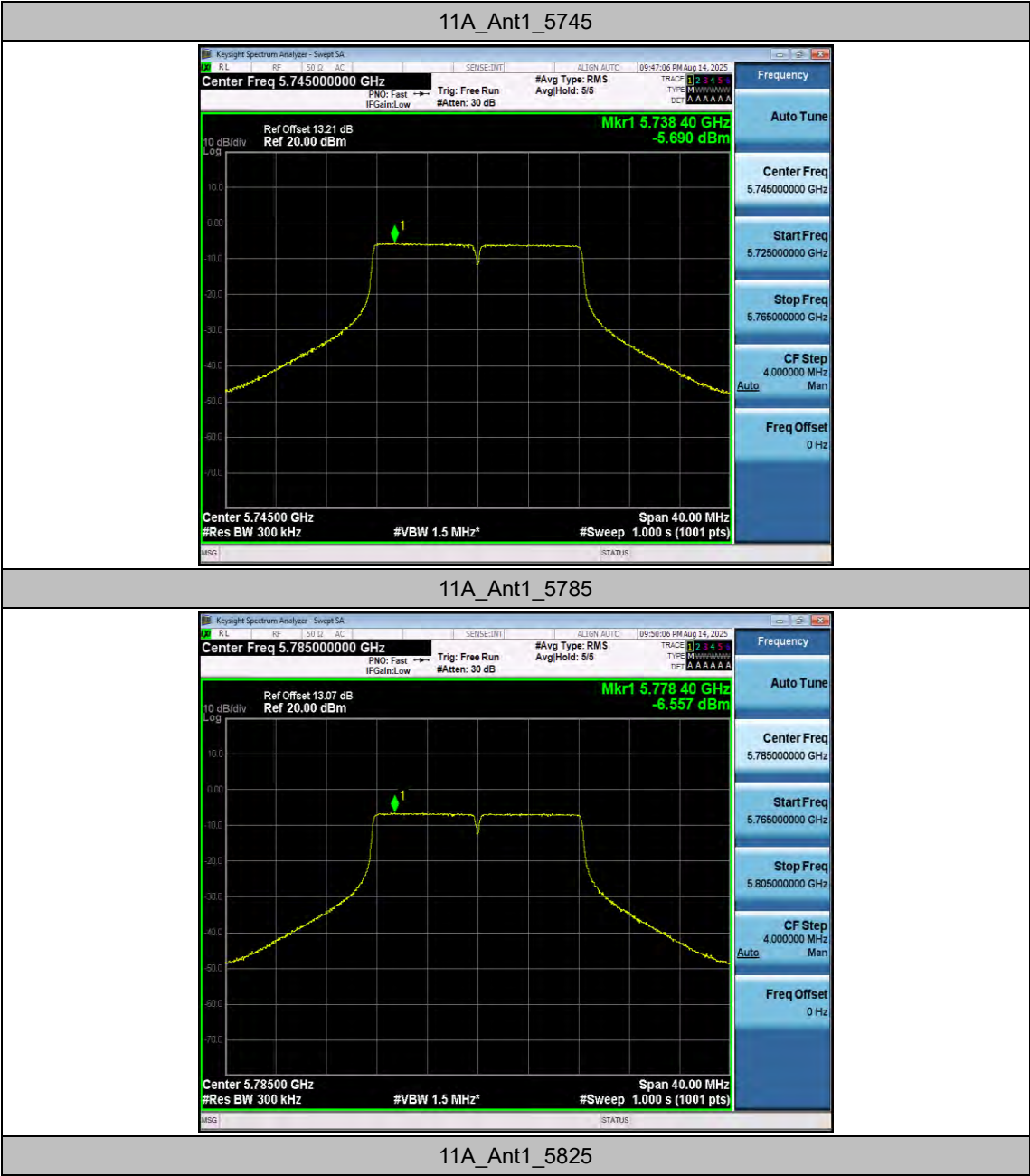
Test Result

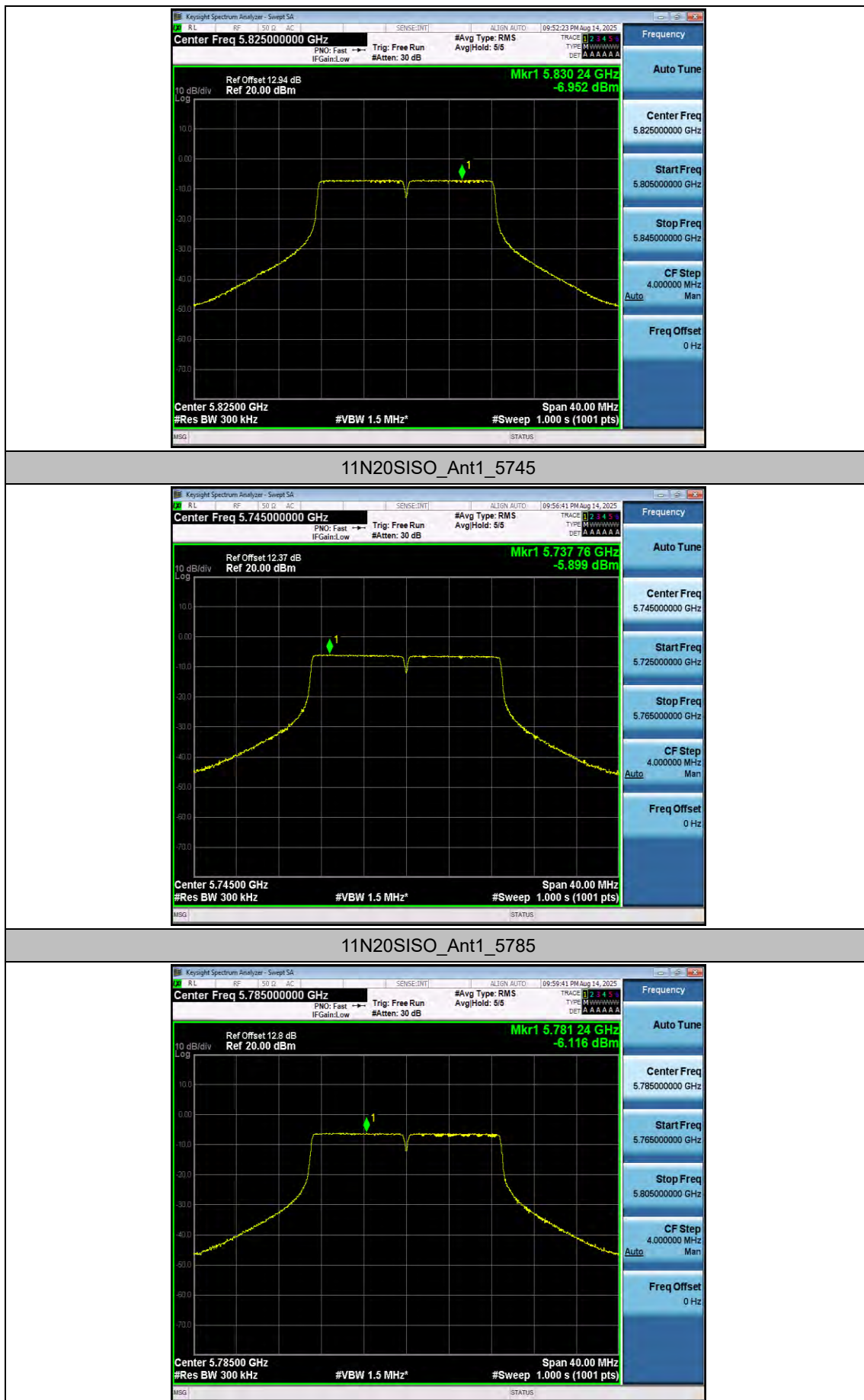
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-5.69	≤30.00	PASS
		5785	-6.56	≤30.00	PASS
		5825	-6.95	≤30.00	PASS
11N20SISO	Ant1	5745	-5.90	≤30.00	PASS
		5785	-6.12	≤30.00	PASS
		5825	-6.29	≤30.00	PASS
11N40SISO	Ant1	5755	-8.39	≤30.00	PASS
		5795	-8.77	≤30.00	PASS
11AC20SISO	Ant1	5745	-5.83	≤30.00	PASS
		5785	-5.99	≤30.00	PASS
		5825	-6.20	≤30.00	PASS
11AC40SISO	Ant1	5755	-8.66	≤30.00	PASS
		5795	-9.03	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.94	≤30.00	PASS
		5785	-6.35	≤30.00	PASS
		5825	-6.58	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.94	≤30.00	PASS
		5795	-8.02	≤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





11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



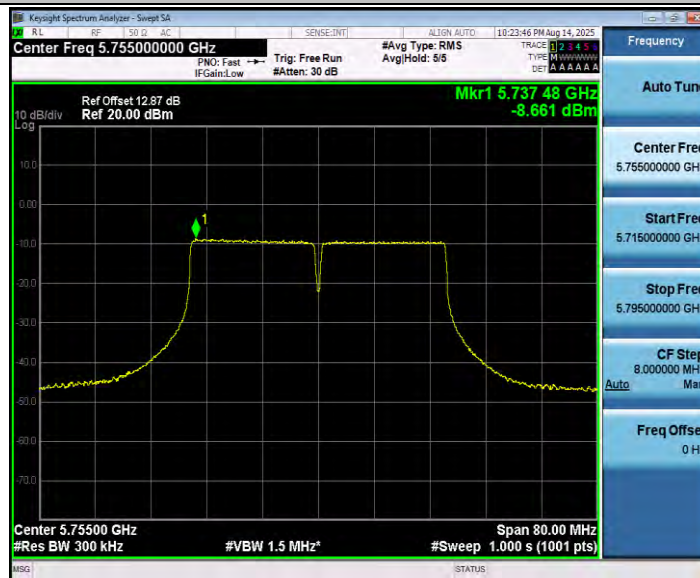
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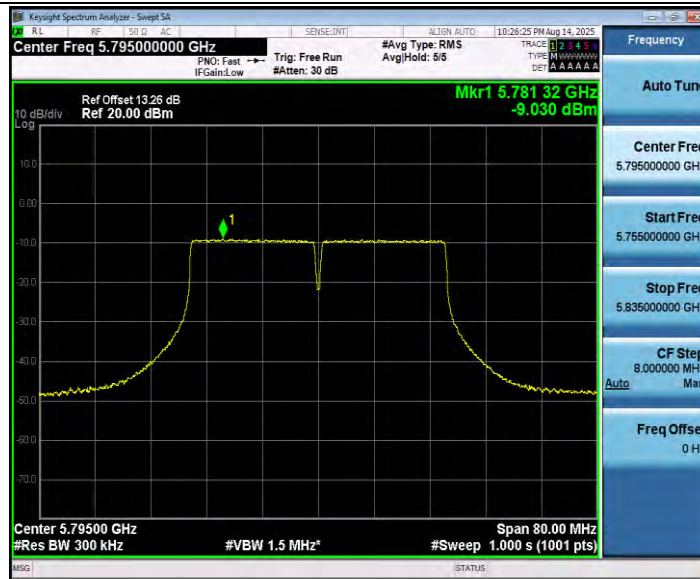
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11AC40SISO_Ant1_5755



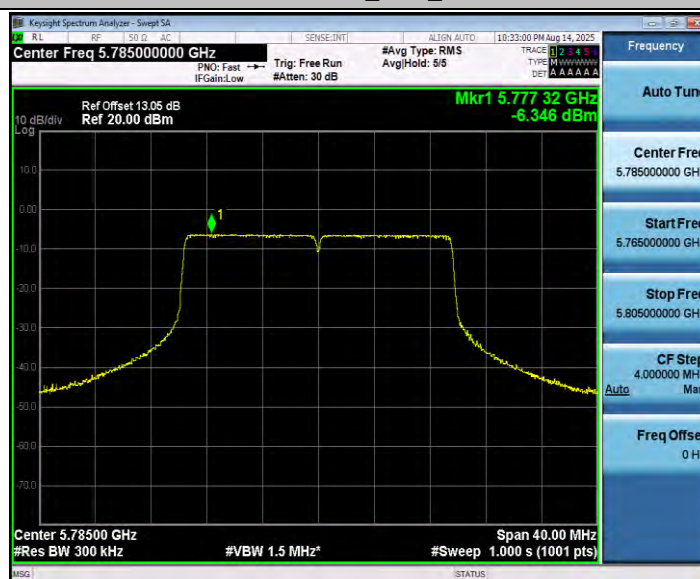
11AC40SISO_Ant1_5795



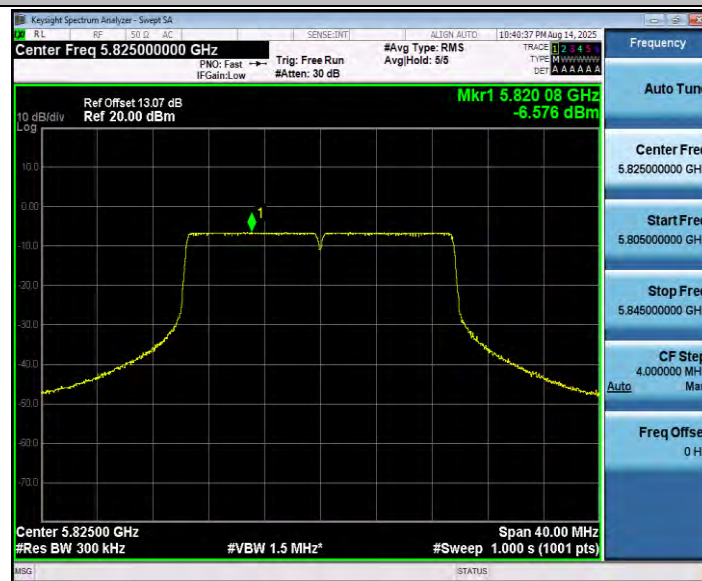
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

