

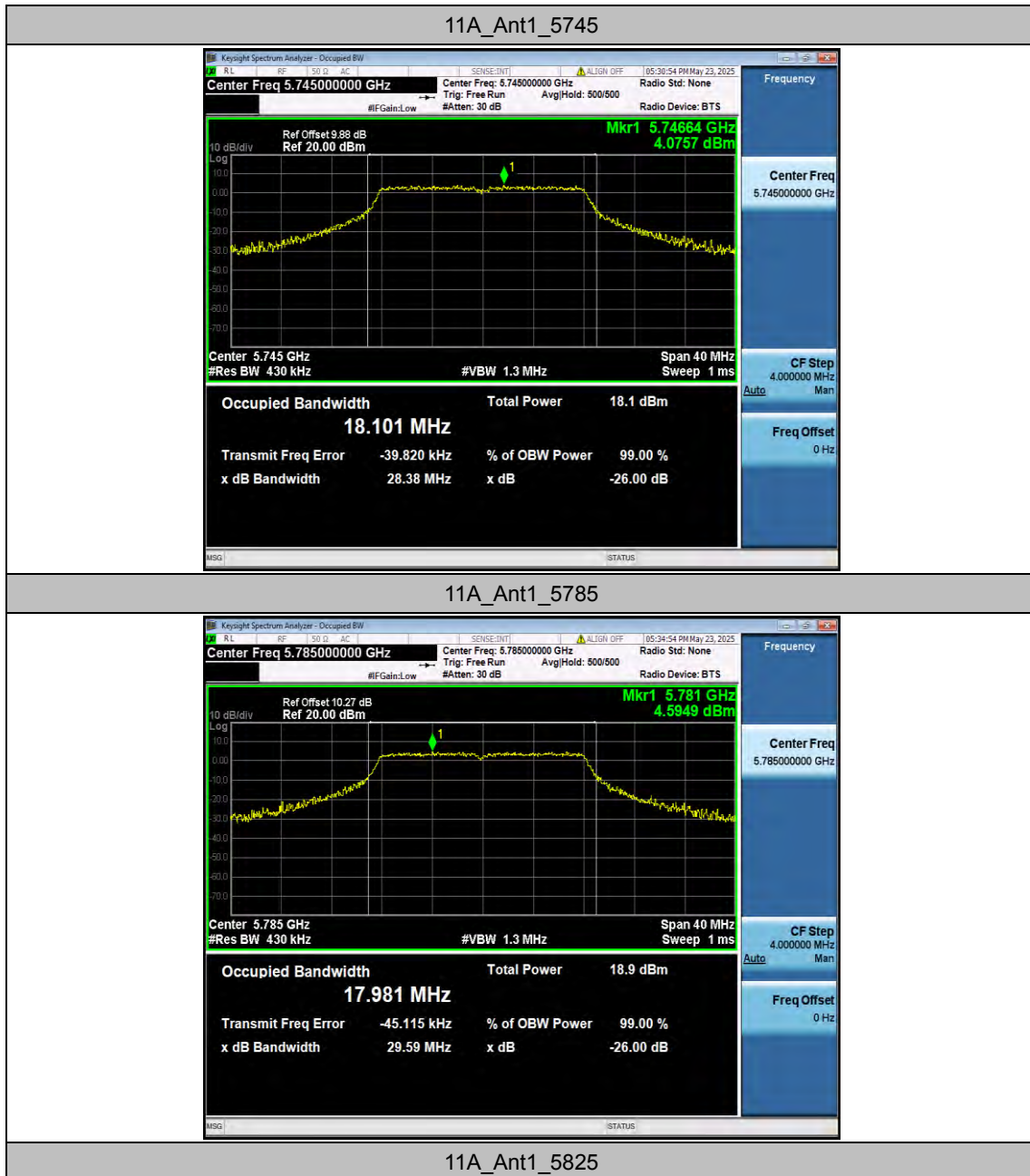
Case No. : <u>GTS20250310021-1-14</u>
Ambient Condition: <u>21 °C, 51 %RH</u>
According Standard: <u>■Part15E</u>
Test Date: <u>2025.5.23</u> Test Engineer: <u>Evan ouyang</u>

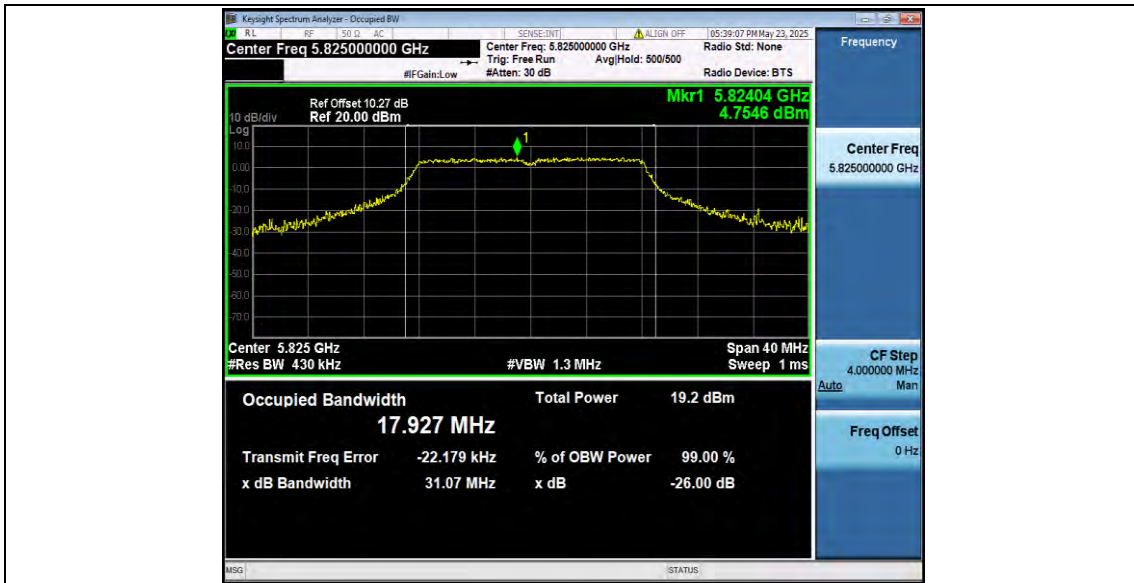
Appendix G.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.101	5735.9097	5754.0107	---	---
		5785	17.981	5775.9644	5793.9454	---	---
		5825	17.927	5816.0143	5833.9413	---	---
11N20SISO	Ant1	5745	19.559	5735.2680	5754.8270	---	---
		5785	19.681	5775.1805	5794.8615	---	---
		5825	17.884	5816.0252	5833.9092	---	---
11N40SISO	Ant1	5755	38.397	5735.9179	5774.3149	---	---
		5795	39.001	5775.7095	5814.7105	---	---
11AC20SISO	Ant1	5745	19.796	5735.0810	5754.8770	---	---
		5785	19.652	5775.1634	5794.8154	---	---
		5825	19.720	5815.3111	5835.0311	---	---
11AC40SISO	Ant1	5755	38.763	5735.7853	5774.5483	---	---
		5795	39.194	5775.6936	5814.8876	---	---
11AC80SISO	Ant1	5775	80.566	5735.7179	5816.2839	---	---
11AX20SISO	Ant1	5745	19.728	5735.1767	5754.9047	---	---
		5785	19.717	5775.1331	5794.8501	---	---
		5825	19.657	5815.2582	5834.9152	---	---
11AX40SISO	Ant1	5755	38.616	5735.7552	5774.3712	---	---
		5795	38.554	5775.7720	5814.3260	---	---
11AX80SISO	Ant1	5775	78.390	5735.9318	5814.3218	---	---

Test Graphs





11N20SISO_Ant1_5745



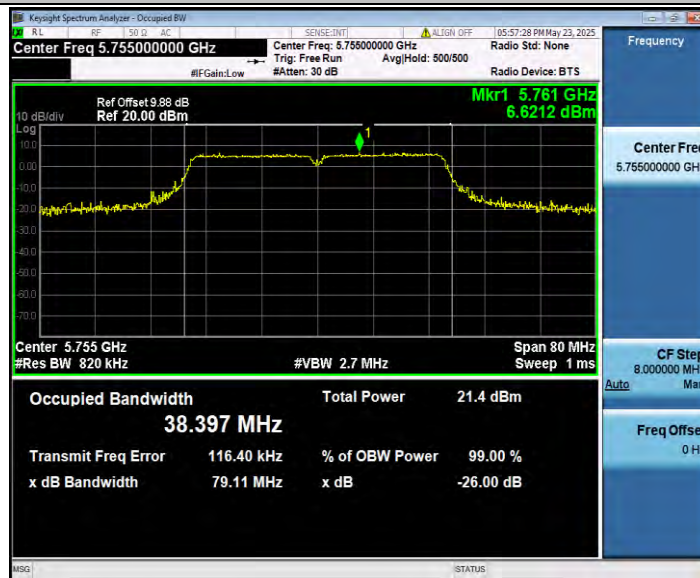
11N20SISO_Ant1_5785



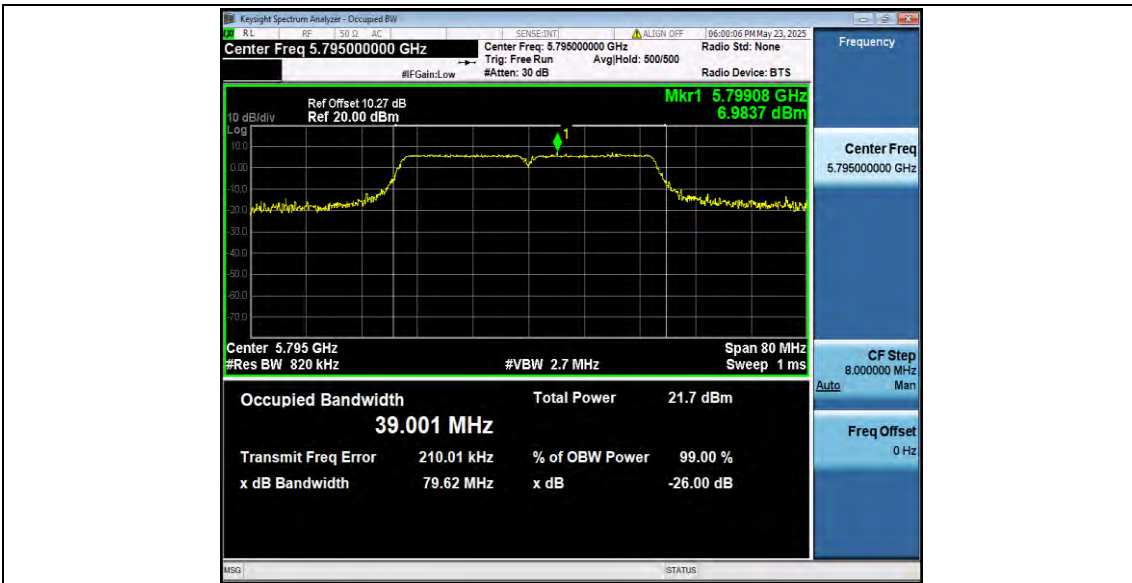
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



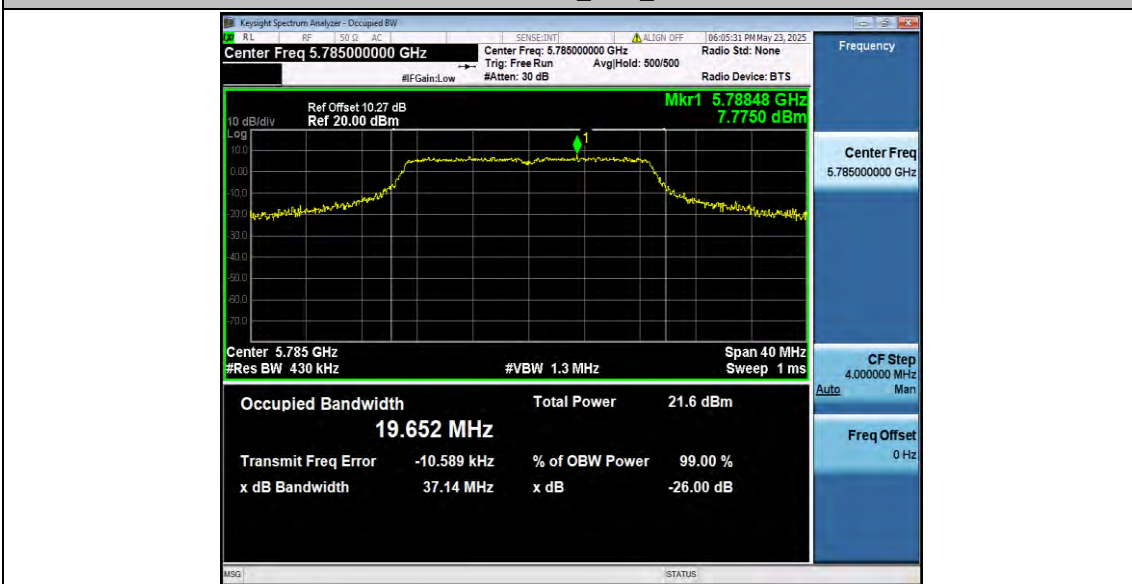
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



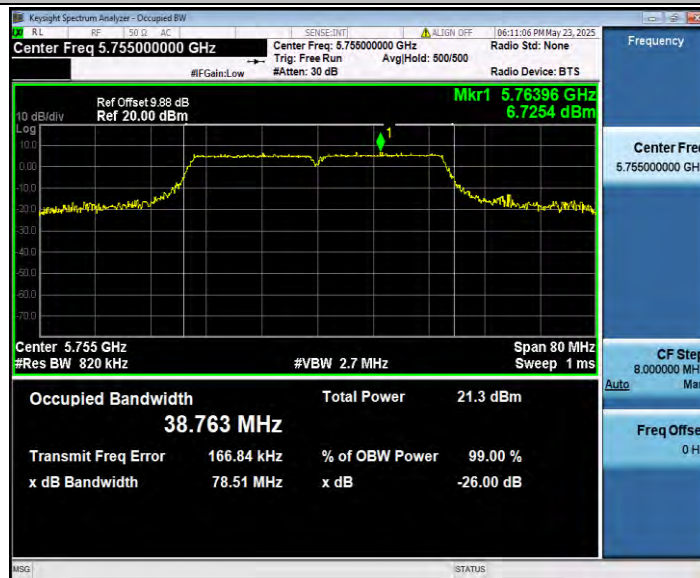
11AC20SISO_Ant1_5785



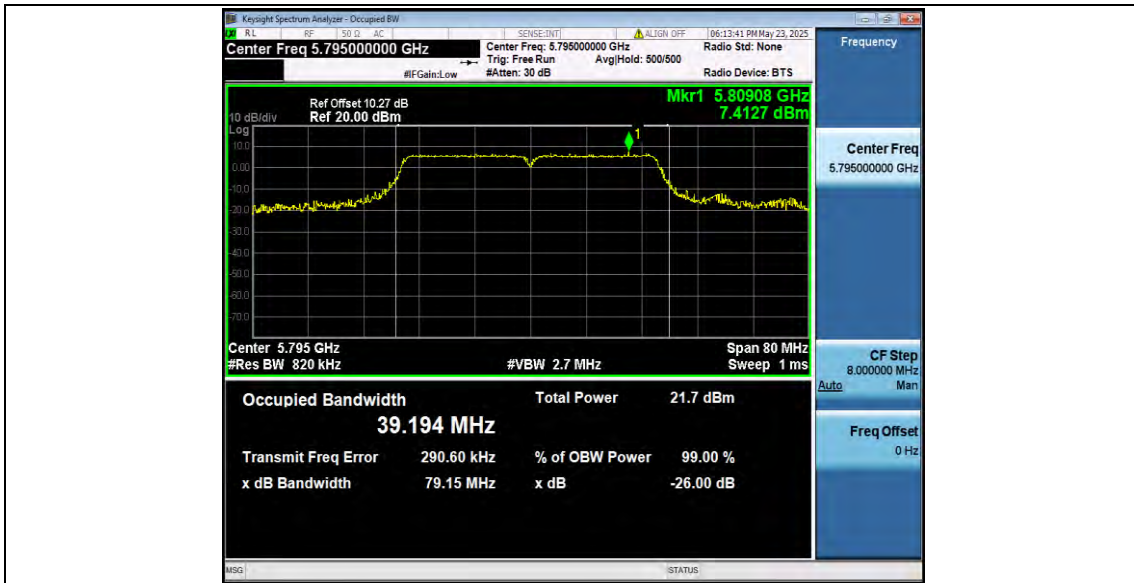
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



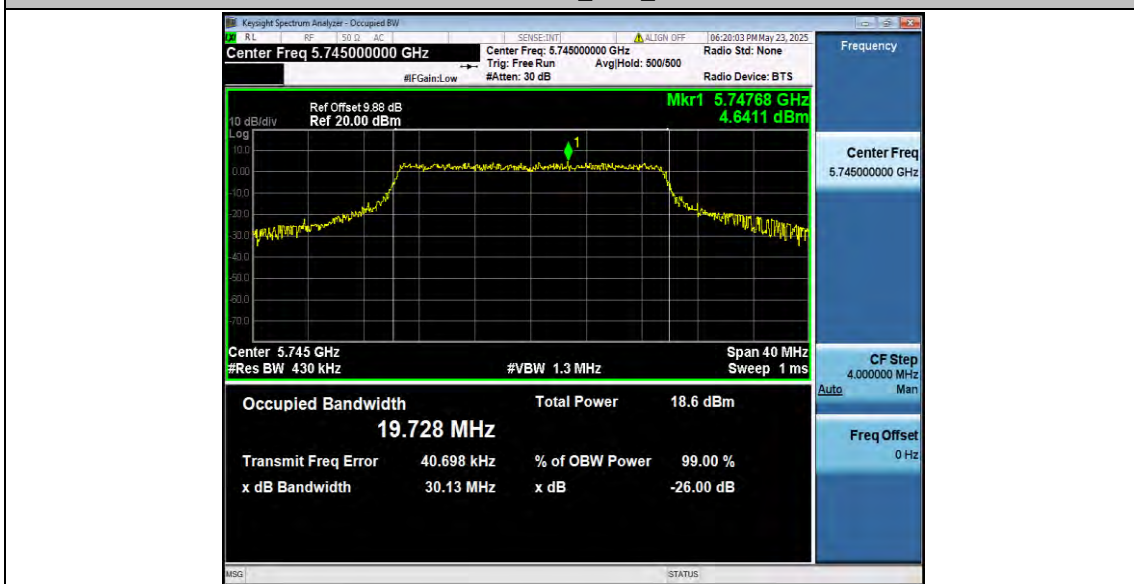
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



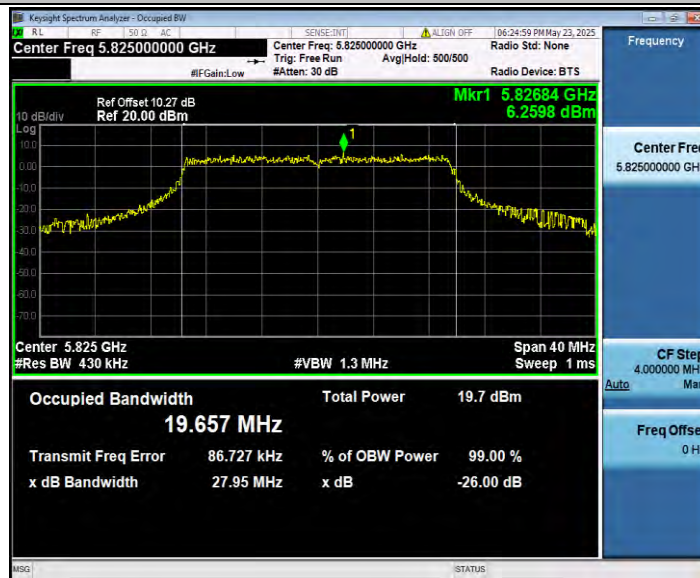
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



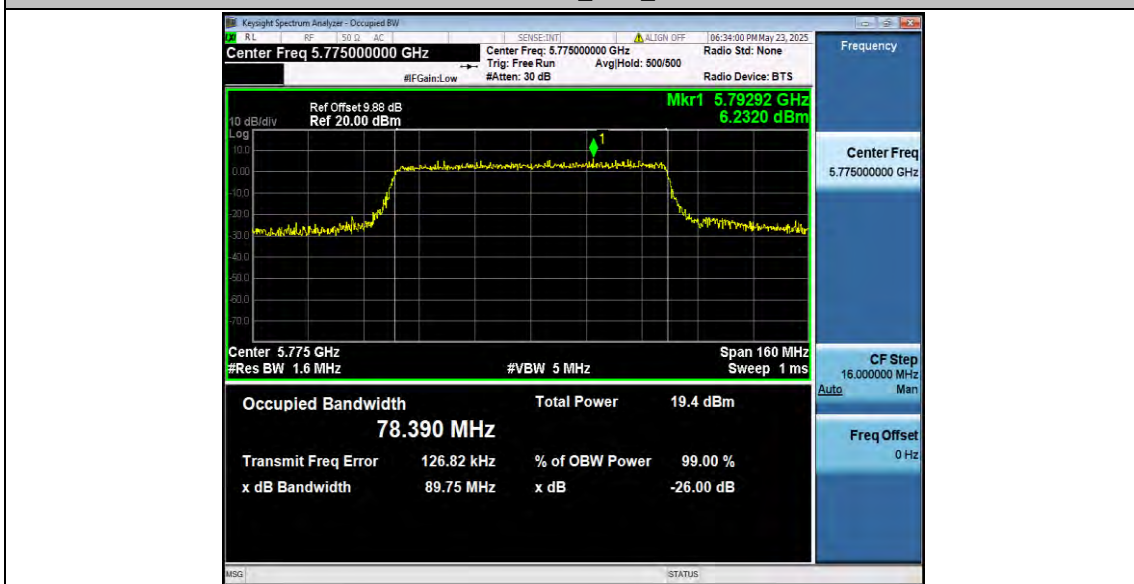
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

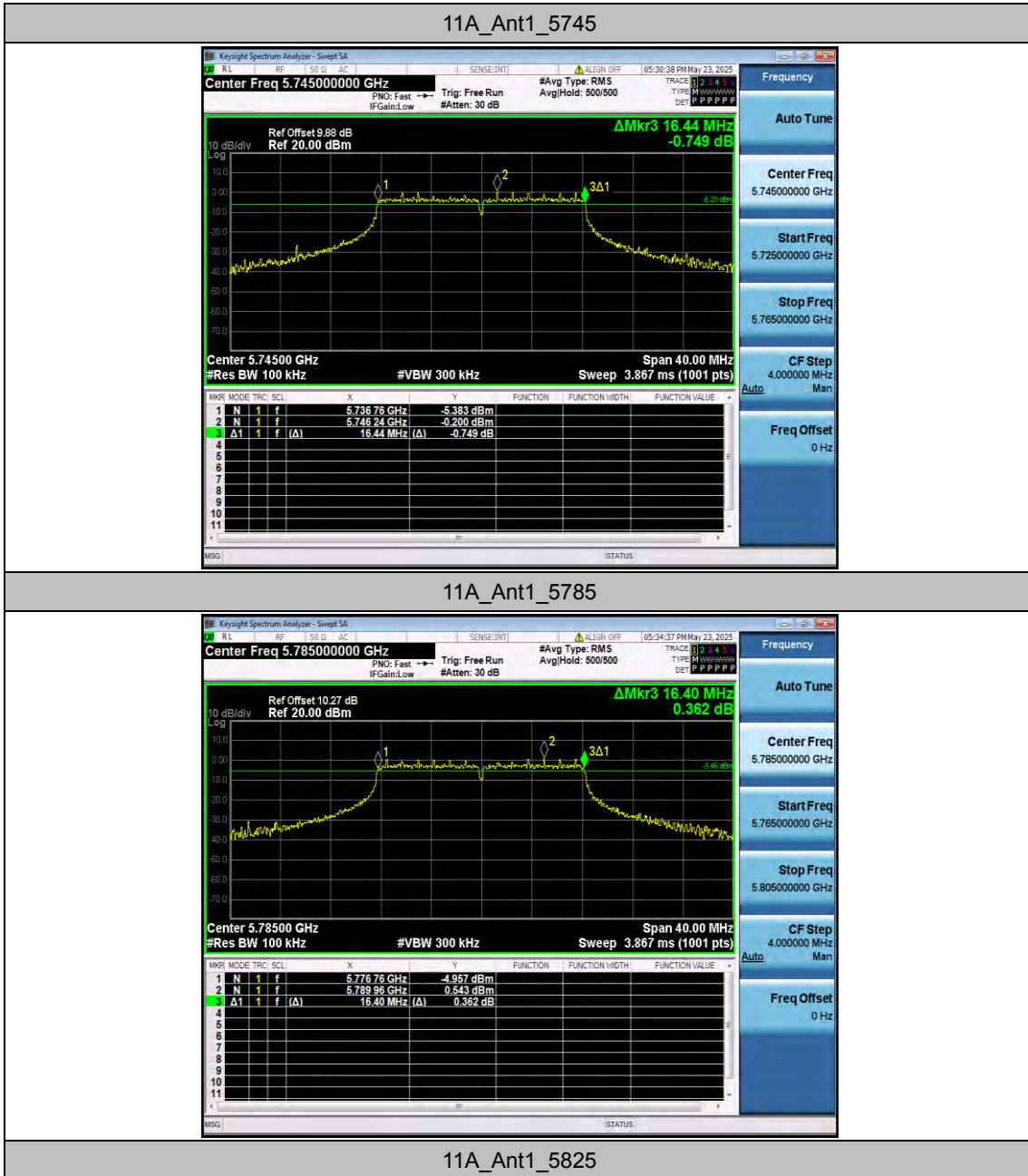


Appendix G.2: Min emission bandwidth

Test Result B4

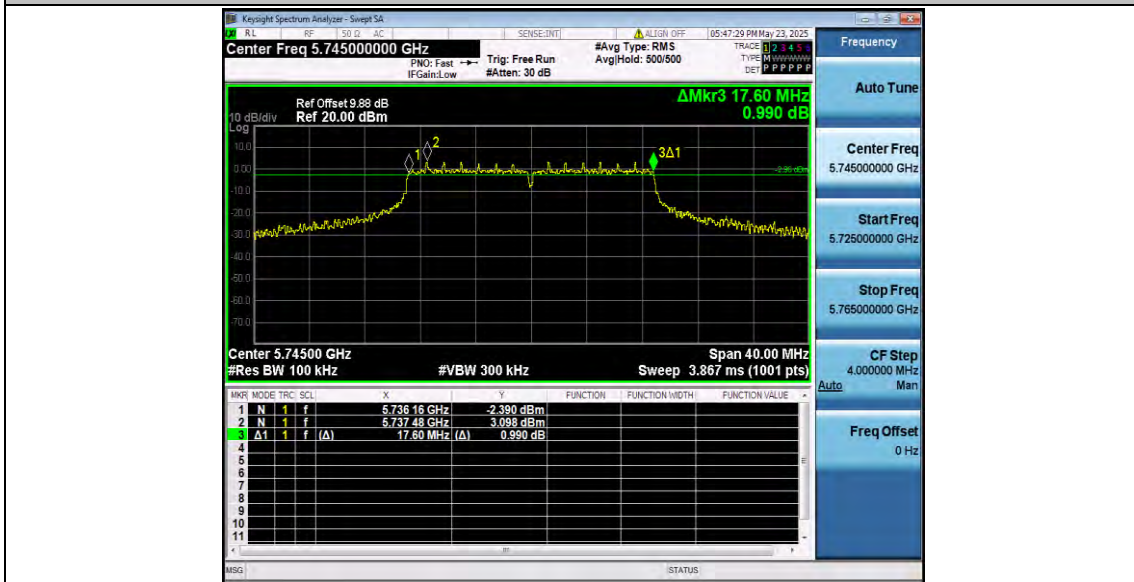
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.760	5753.200	0.5	PASS
		5785	16.400	5776.760	5793.160	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	16.400	5816.760	5833.160	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	76.000	5737.080	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	18.960	5735.480	5754.440	0.5	PASS
		5785	19.000	5775.480	5794.480	0.5	PASS
		5825	18.960	5815.520	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.080	5735.880	5773.960	0.5	PASS
		5795	38.080	5775.960	5814.040	0.5	PASS
11AX80SISO	Ant1	5775	78.080	5735.960	5814.040	0.5	PASS

Test Graphs B4

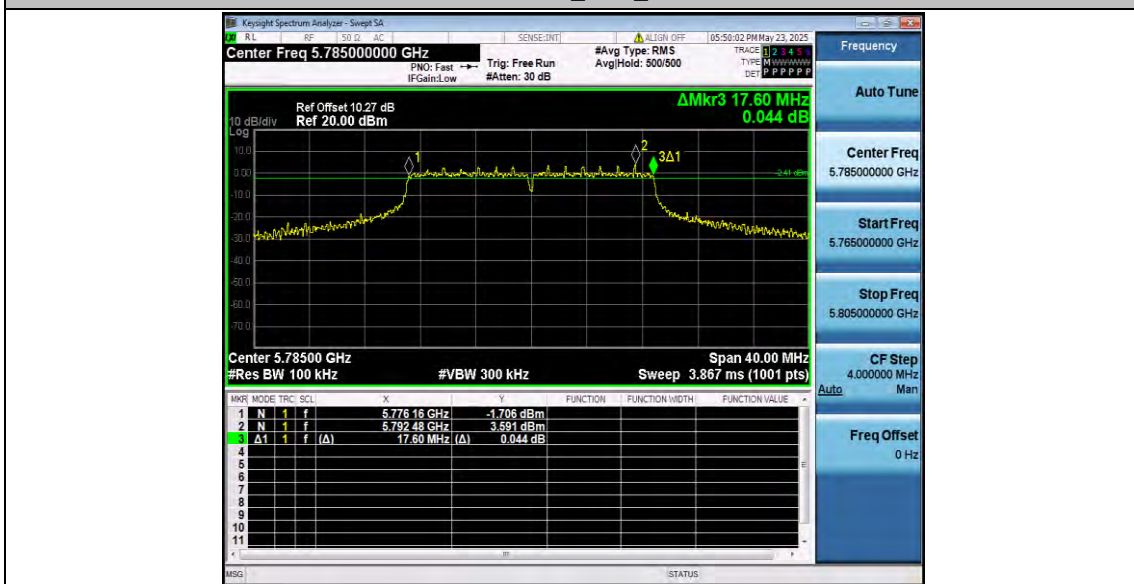




11N20SISO_Ant1_5745



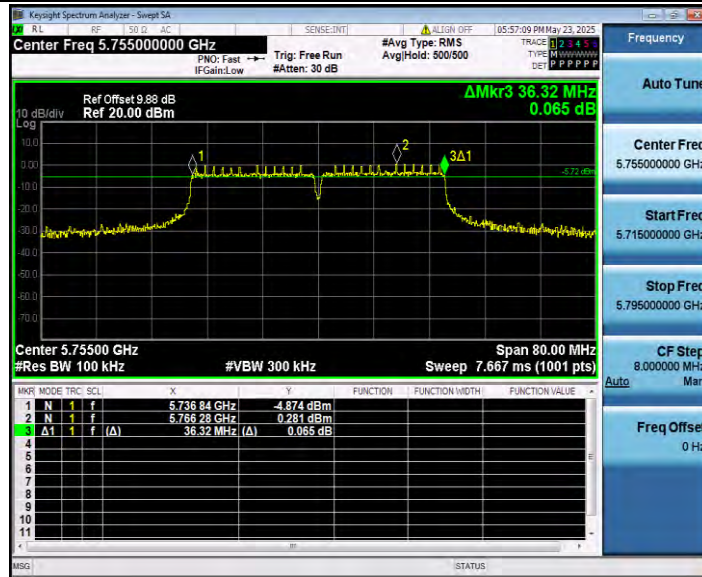
11N20SISO_Ant1_5785



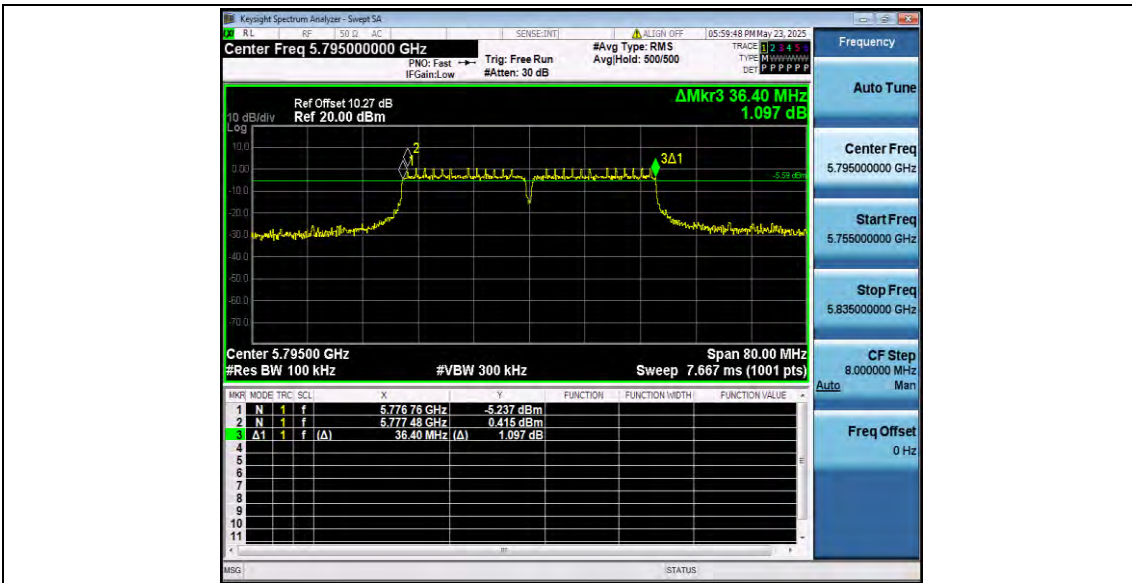
11N20SISO_Ant1_5825



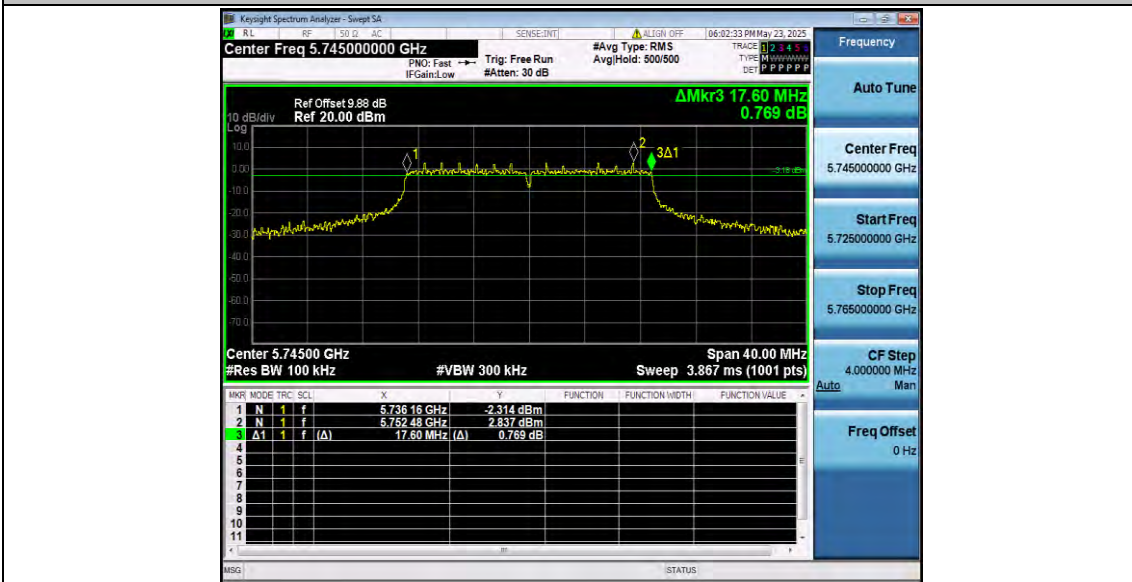
11N40SISO_Ant1_5755



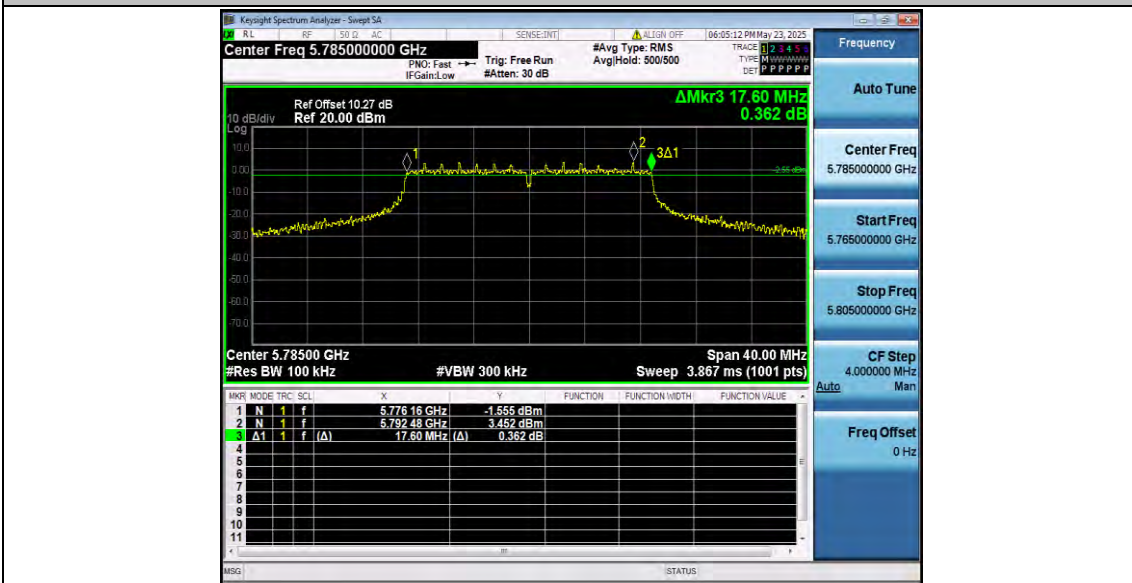
11N40SISO_Ant1_5795



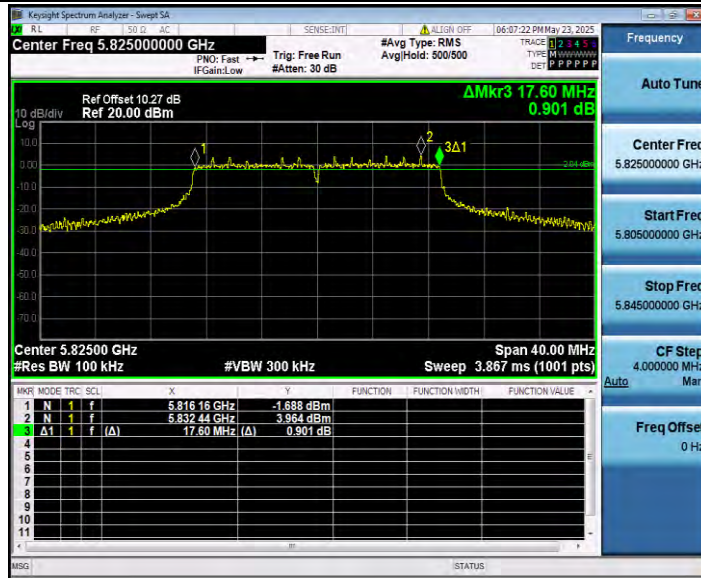
11AC20SISO_Ant1_5745



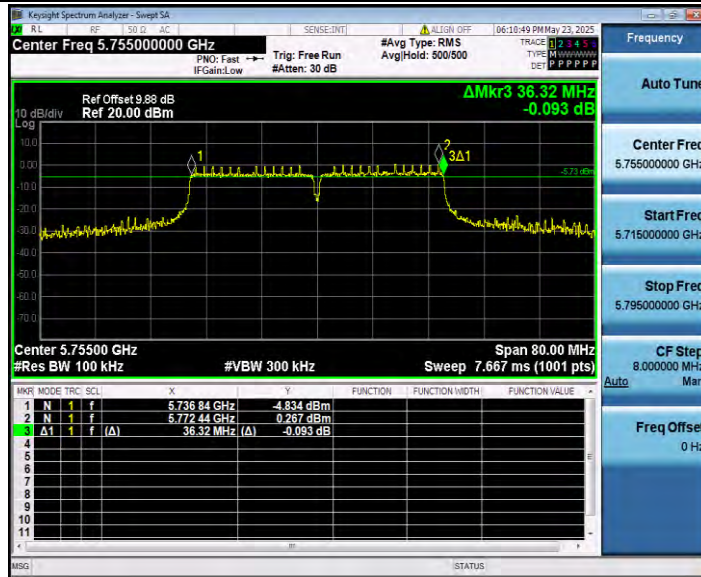
11AC20SISO_Ant1_5785



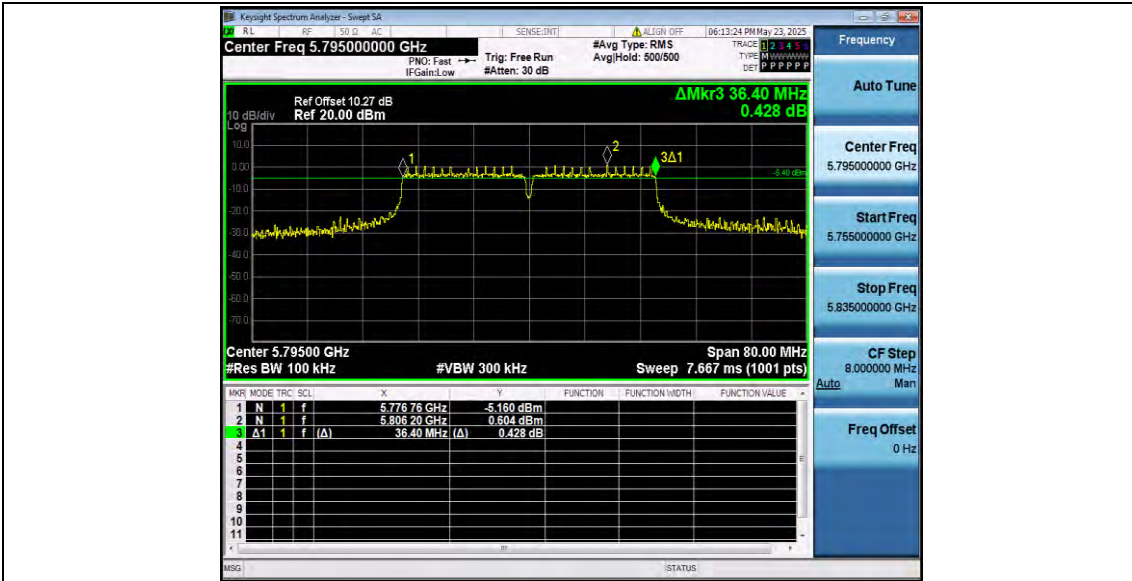
11AC20SISO_Ant1_5825



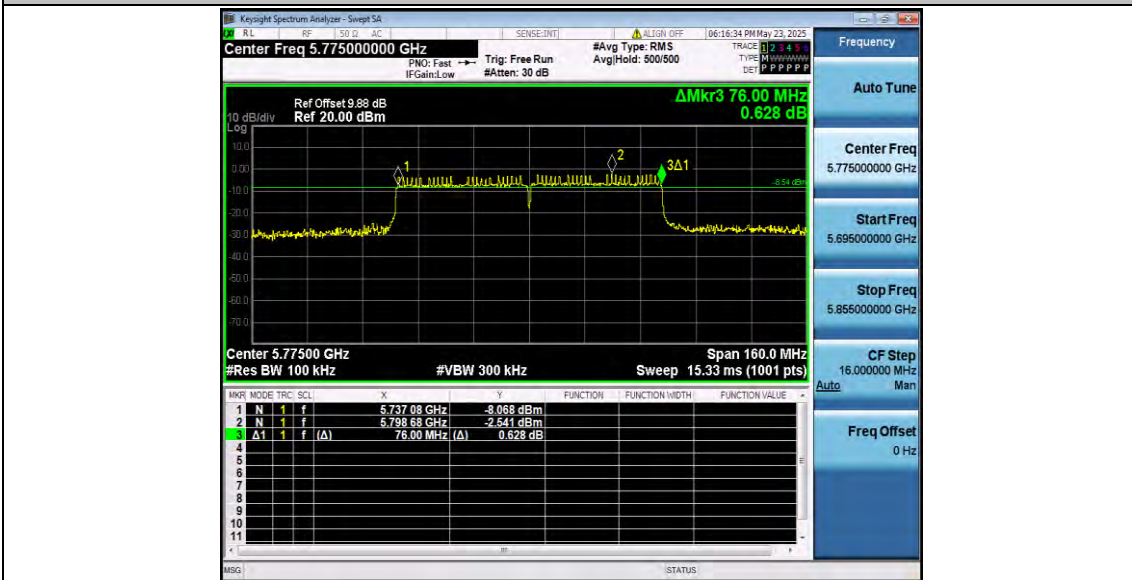
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



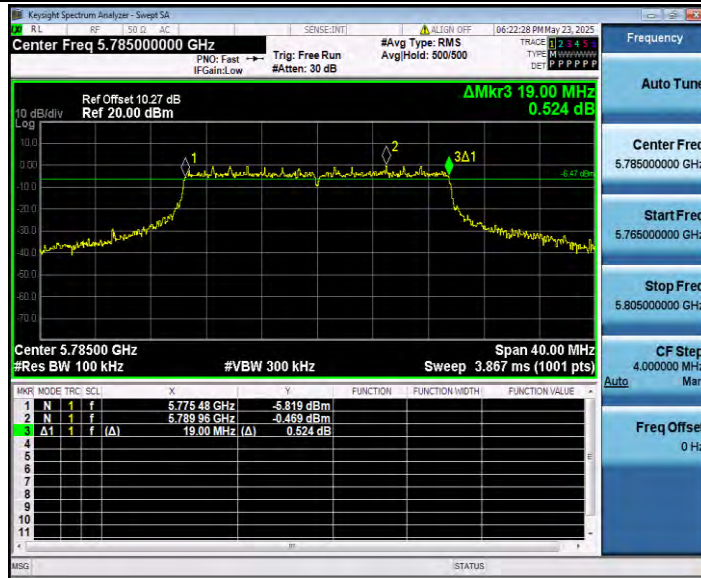
11AC80SISO_Ant1_5775



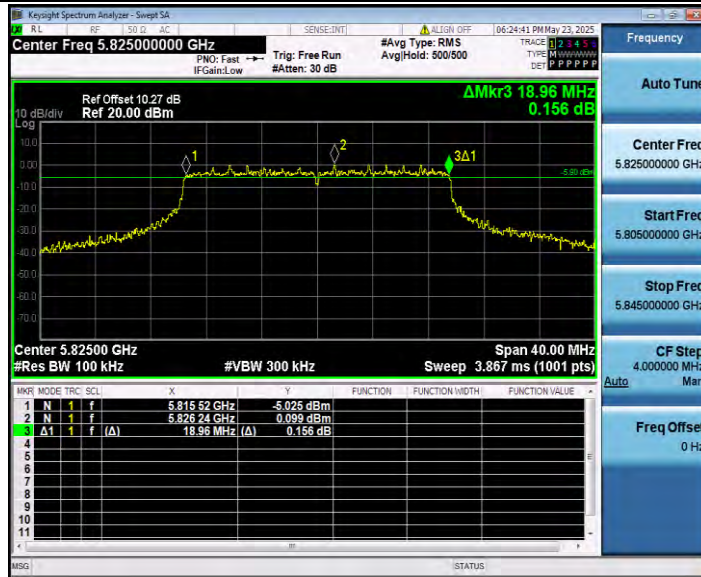
11AX20SISO_Ant1_5745



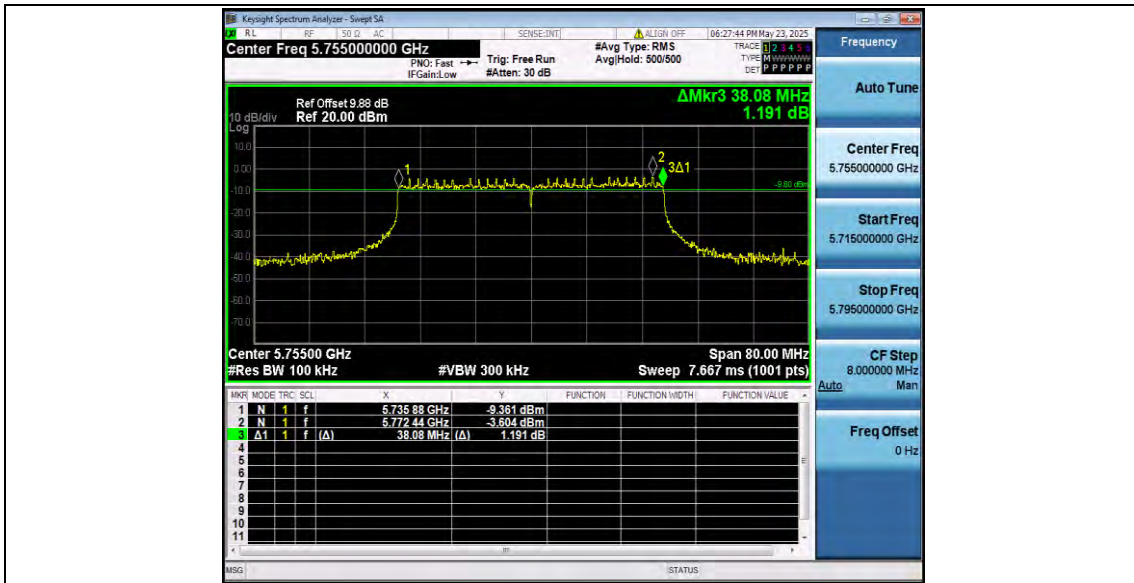
11AX20SISO_Ant1_5785



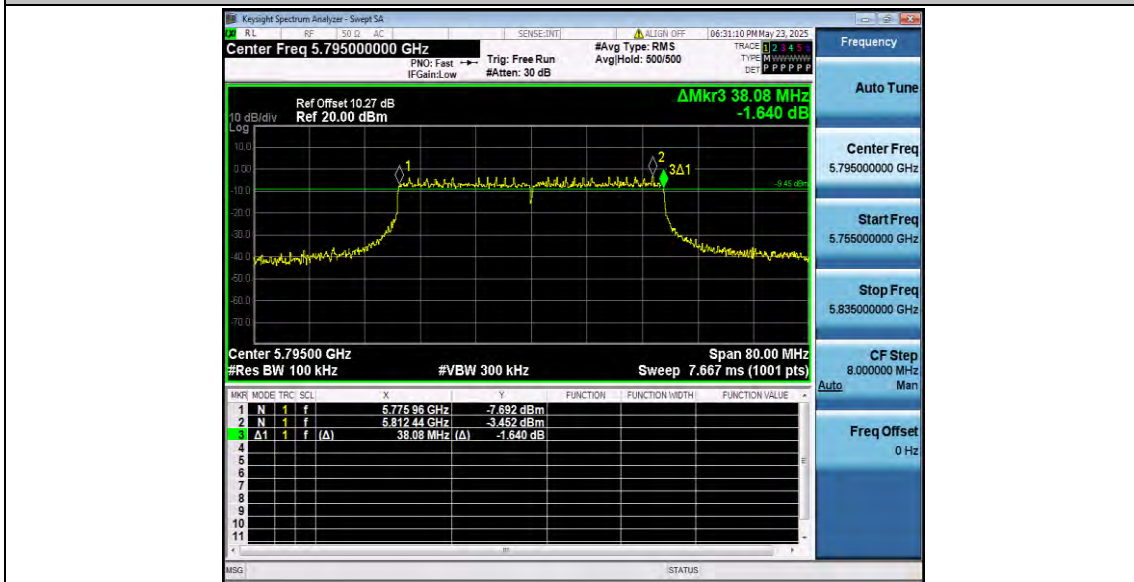
11AX20SISO_Ant1_5825



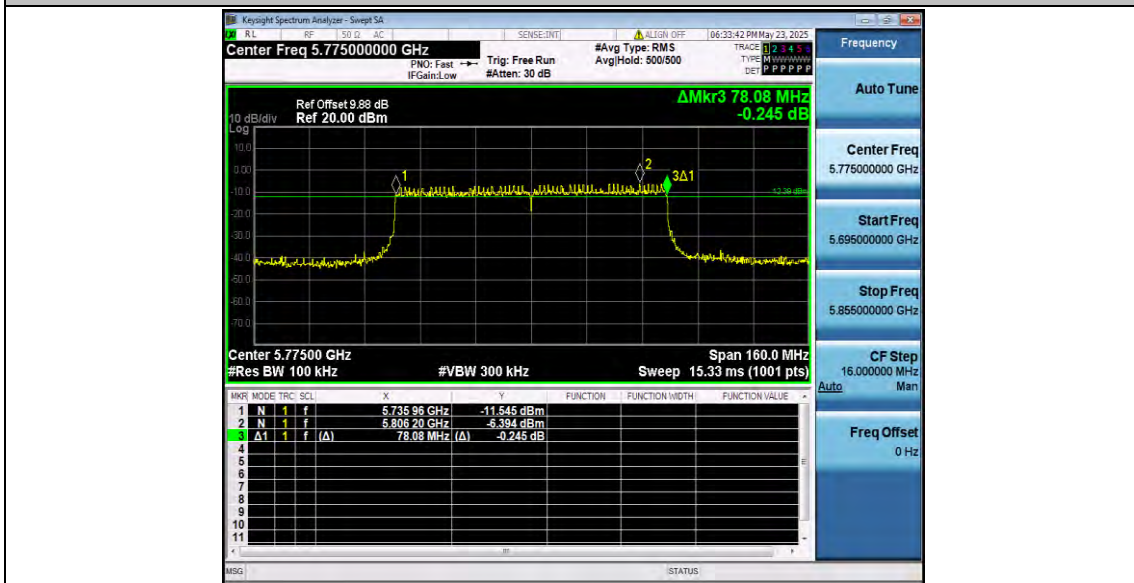
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

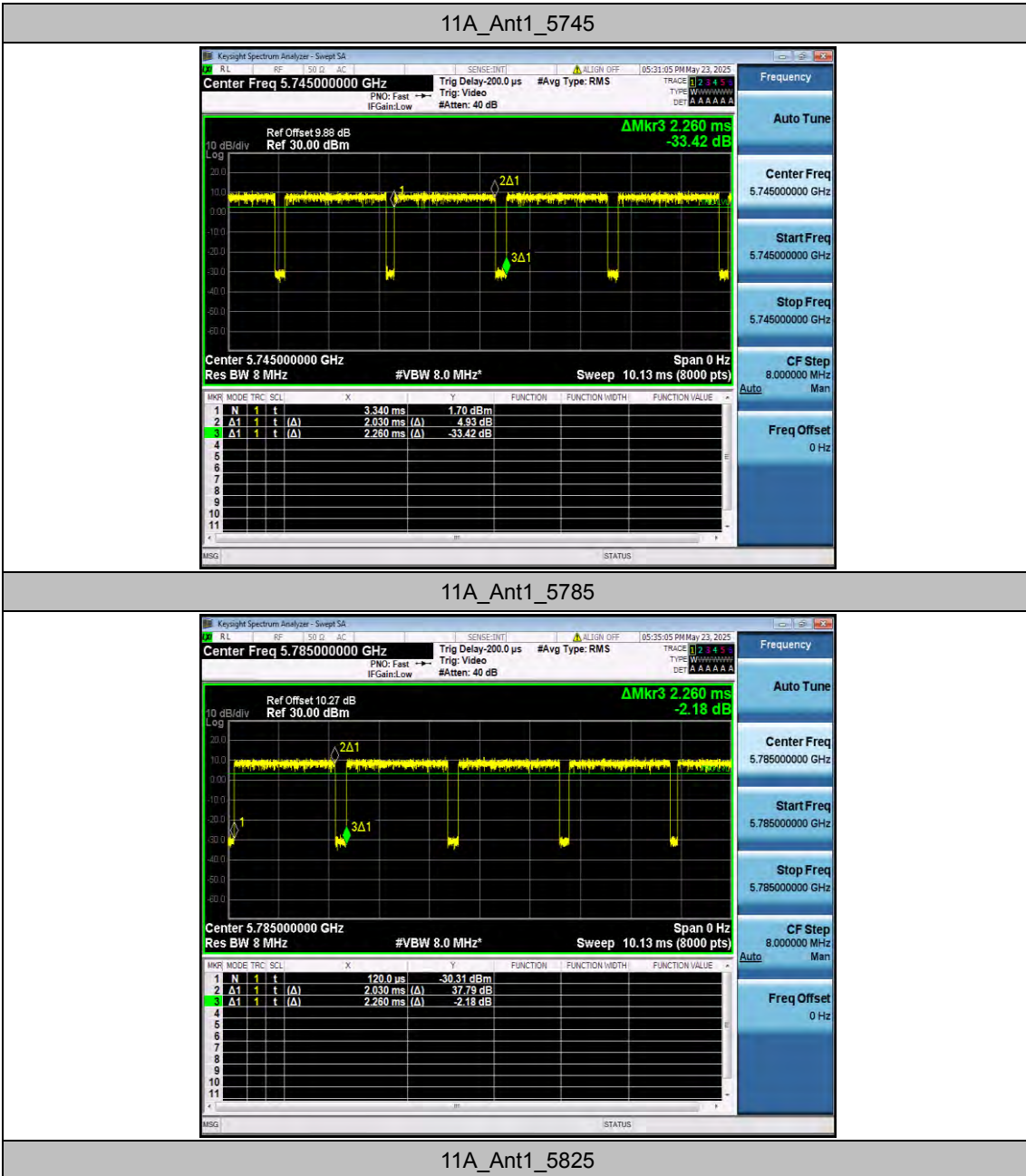


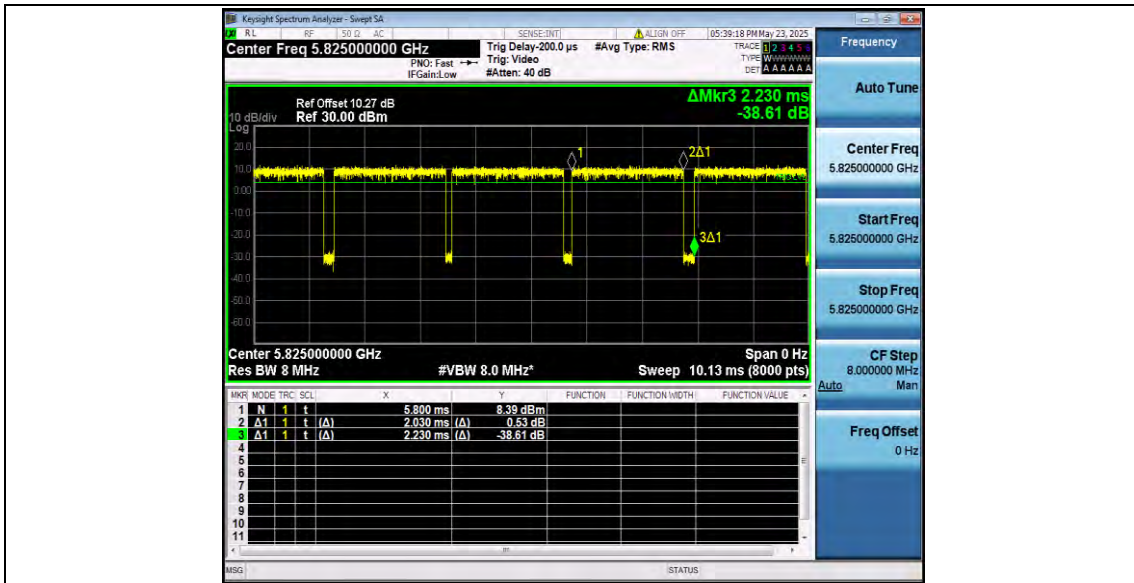
Appendix G.3: Duty Cycle

Test Result

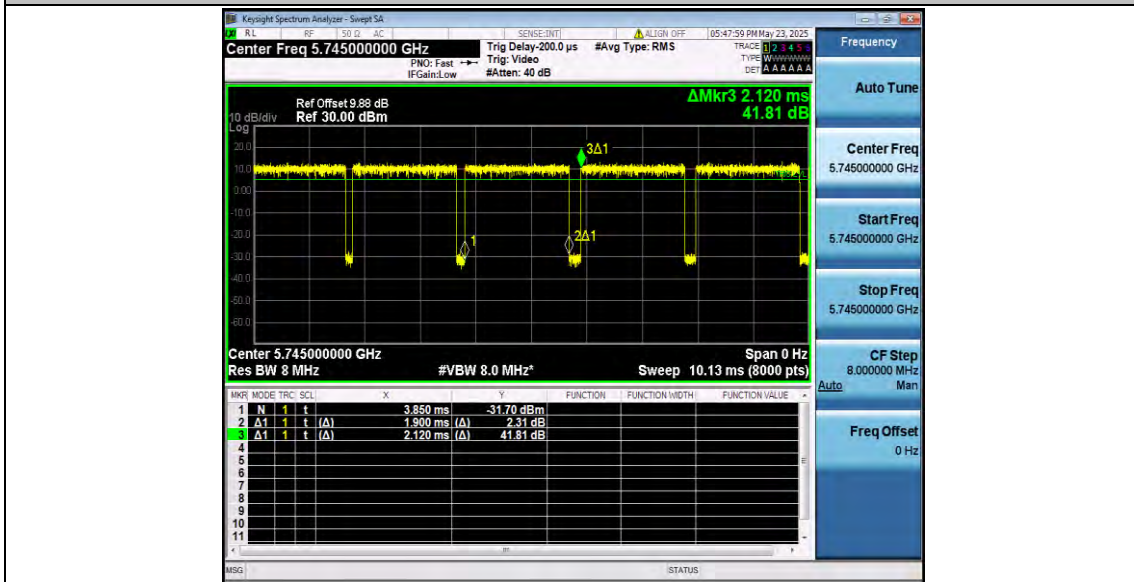
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.26	89.82	0.47	0.49
		5785	2.03	2.26	89.82	0.47	0.49
		5825	2.03	2.23	91.03	0.41	0.49
11N20SISO	Ant1	5745	1.90	2.12	89.62	0.48	0.53
		5785	1.89	2.10	90.00	0.46	0.53
		5825	2.04	2.27	89.87	0.46	0.49
11N40SISO	Ant1	5755	0.93	1.08	86.11	0.65	1.08
		5795	0.93	1.12	83.04	0.81	1.08
11AC20SISO	Ant1	5745	1.90	2.12	89.62	0.48	0.53
		5785	1.90	2.08	91.35	0.39	0.53
		5825	1.90	2.07	91.79	0.37	0.53
11AC40SISO	Ant1	5755	0.93	1.42	65.49	1.84	1.08
		5795	0.93	1.16	80.17	0.96	1.08
11AC80SISO	Ant1	5775	0.45	0.68	66.18	1.79	2.22
11AX20SISO	Ant1	5745	1.46	1.69	86.39	0.64	0.68
		5785	1.46	1.69	86.39	0.64	0.68
		5825	1.46	1.68	86.90	0.61	0.68
11AX40SISO	Ant1	5755	0.76	0.99	76.77	1.15	1.32
		5795	0.76	0.99	76.77	1.15	1.32
11AX80SISO	Ant1	5775	0.40	0.85	47.06	3.27	2.50

Test Graphs

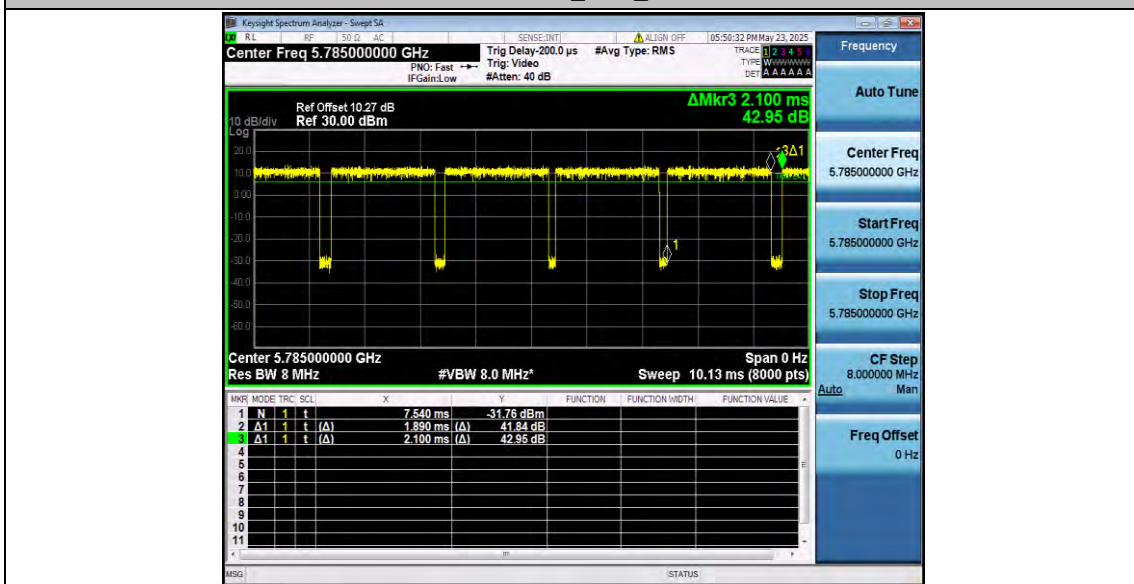




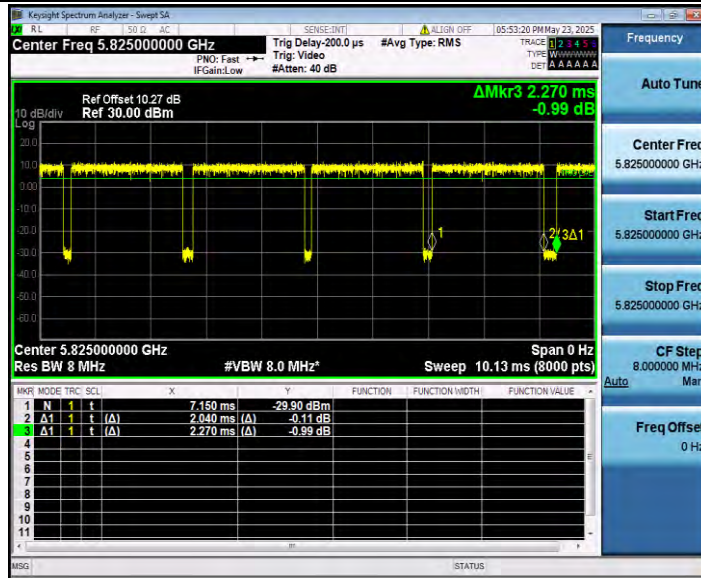
11N20SISO_Ant1_5745



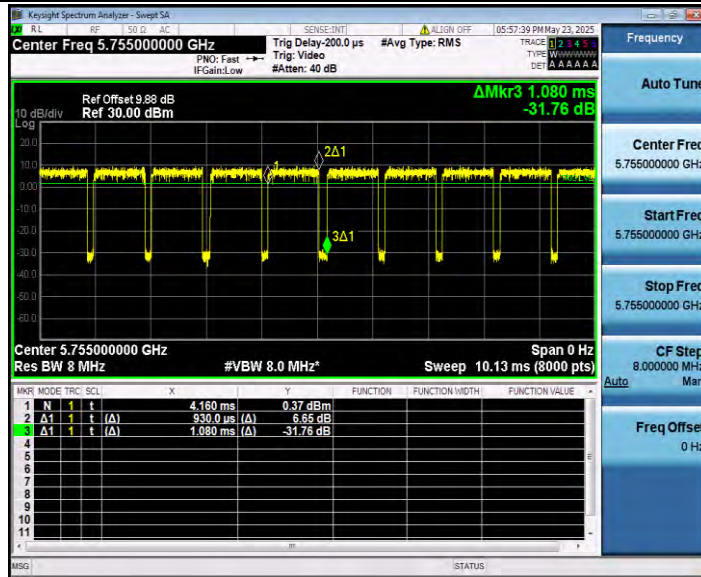
11N20SISO_Ant1_5785



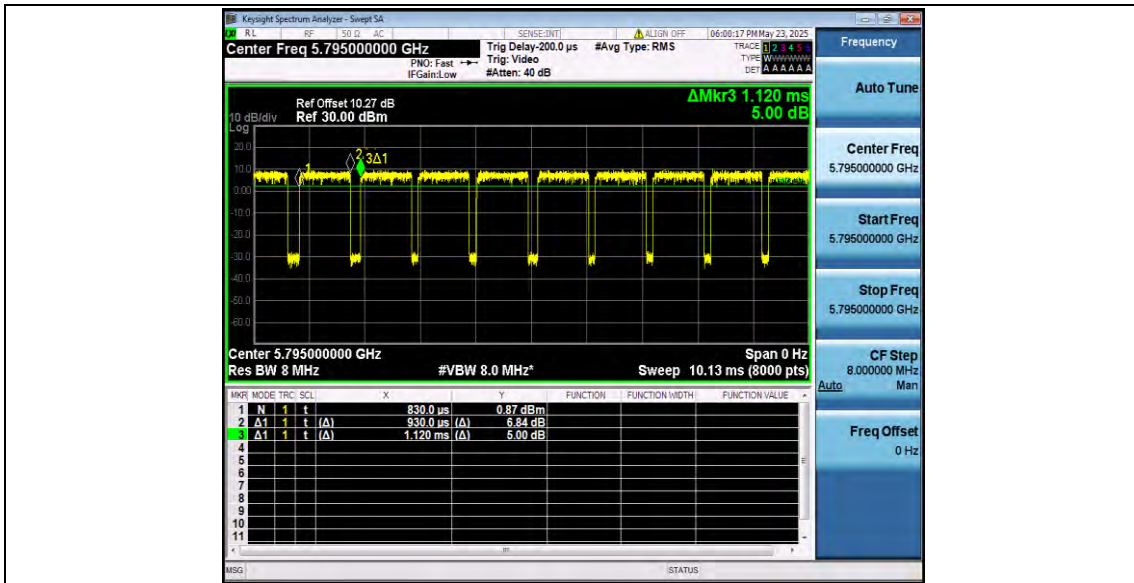
11N20SISO_Ant1_5825



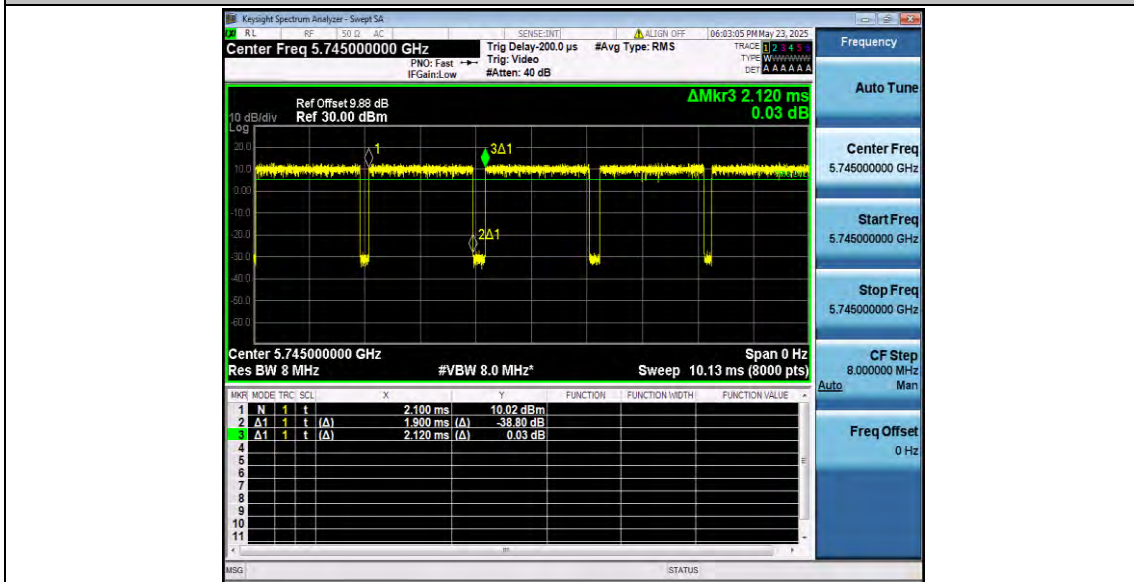
11N40SISO_Ant1_5755



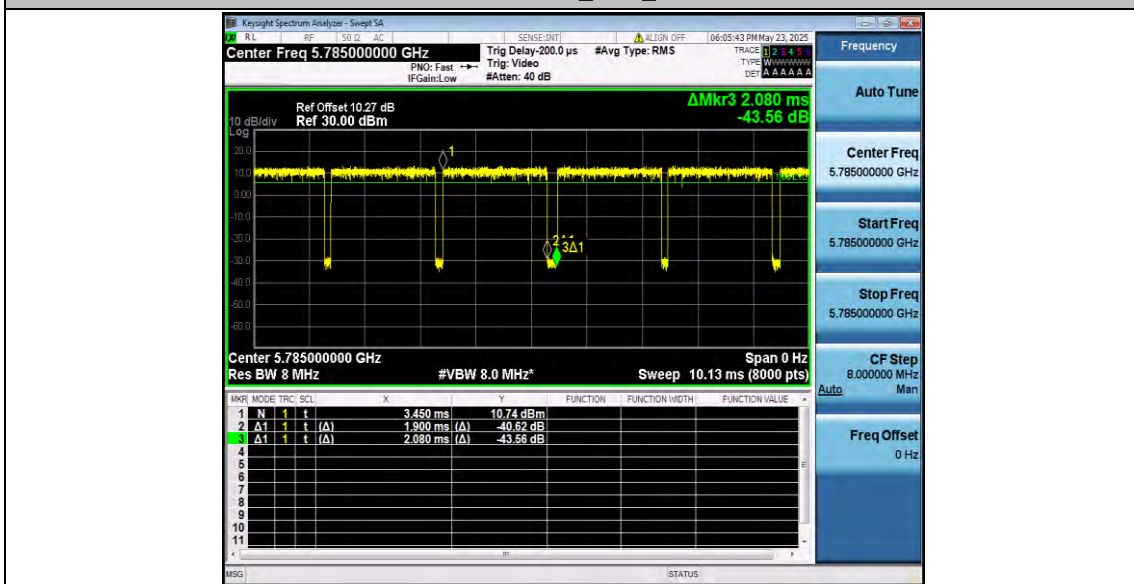
11N40SISO_Ant1_5795



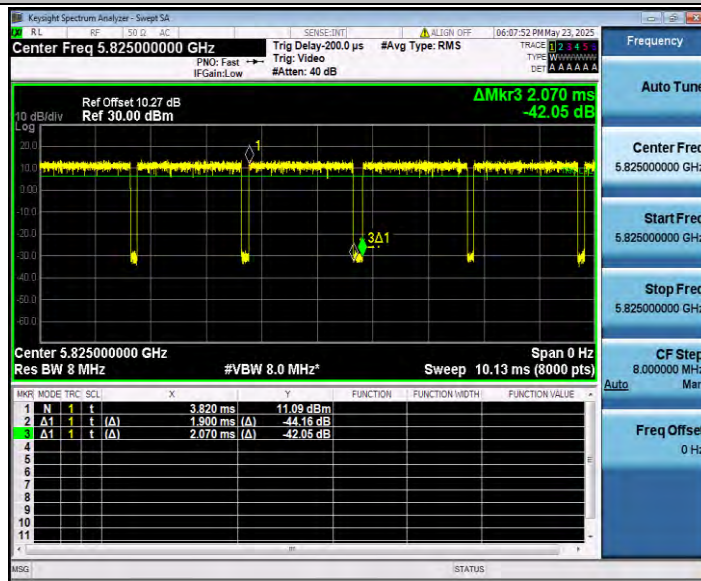
11AC20SISO_Ant1_5745



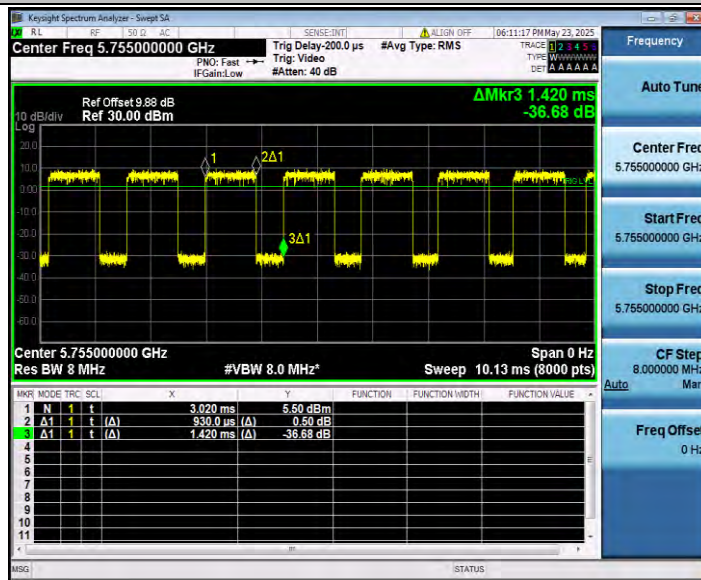
11AC20SISO_Ant1_5785



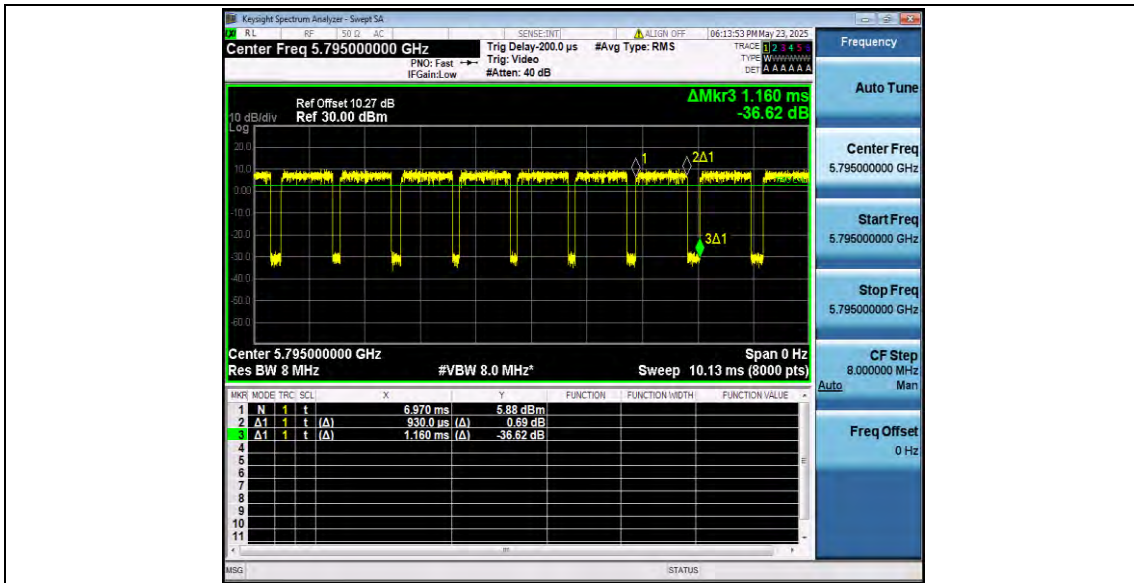
11AC20SISO_Ant1_5825



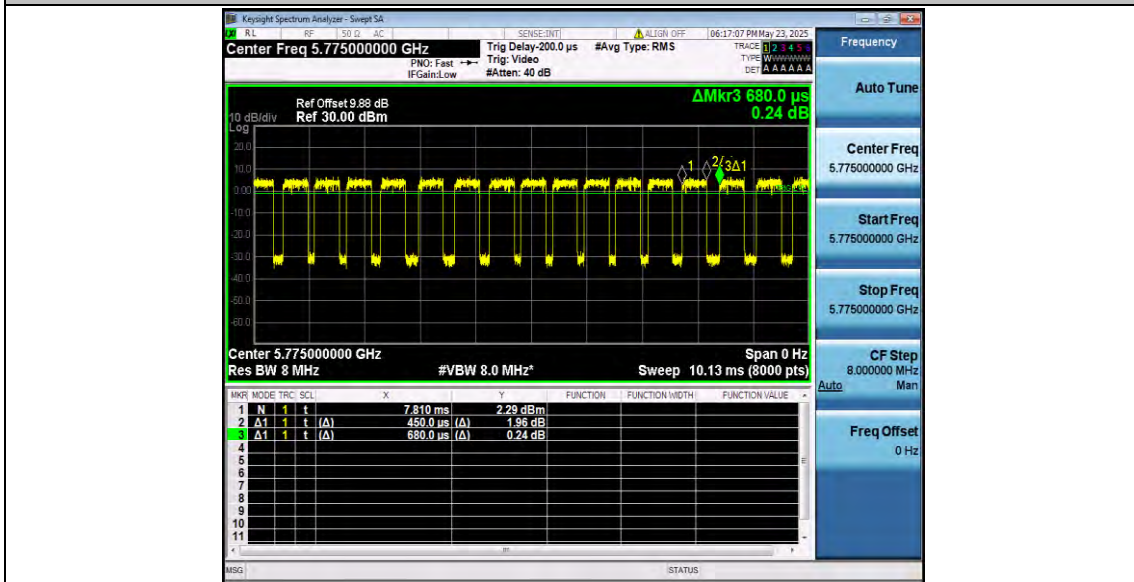
11AC40SISO_Ant1_5755



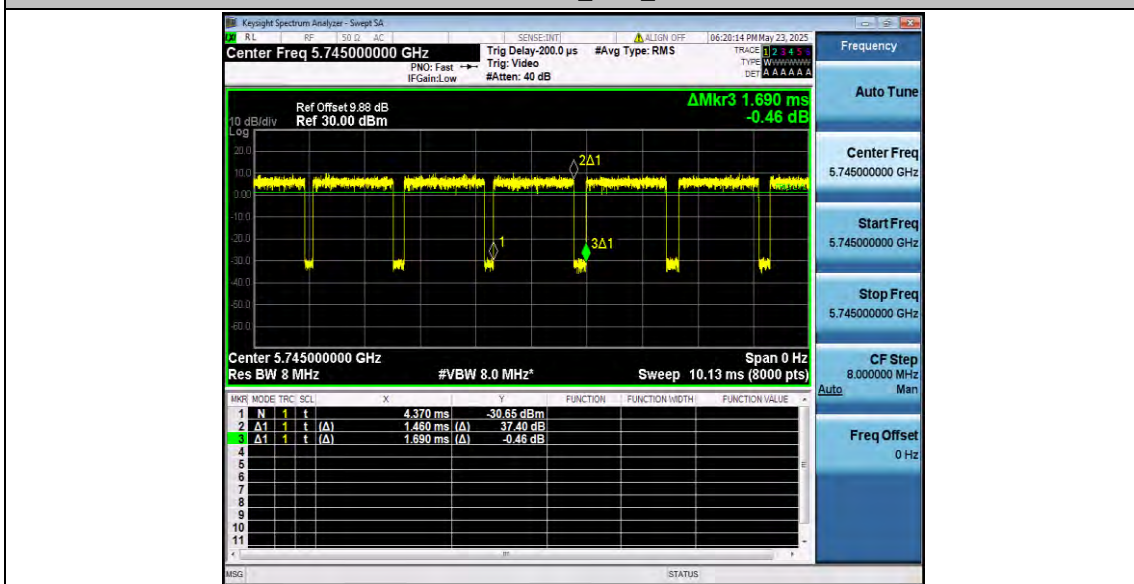
11AC40SISO_Ant1_5795



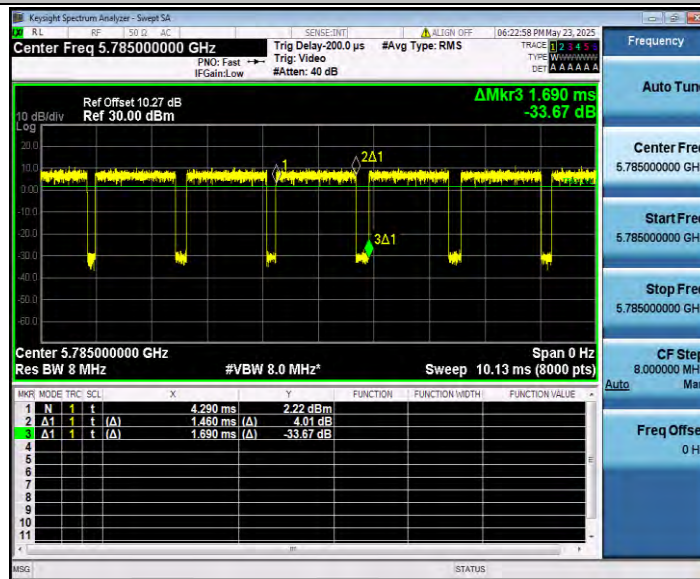
11AC80SISO_Ant1_5775



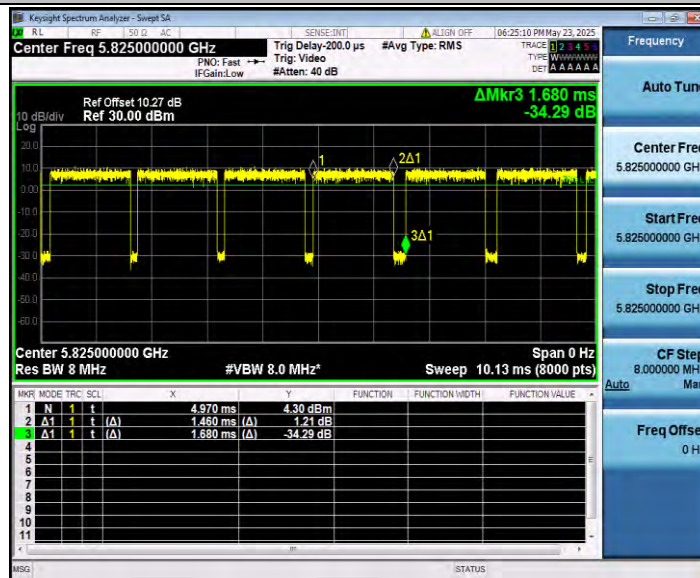
11AX20SISO_Ant1_5745



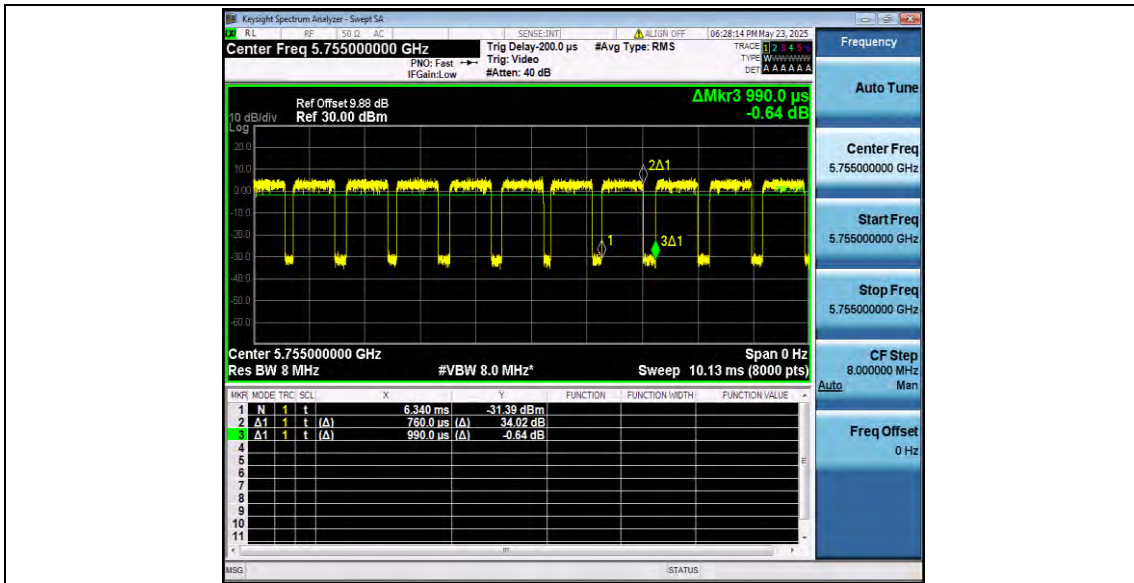
11AX20SISO_Ant1_5785



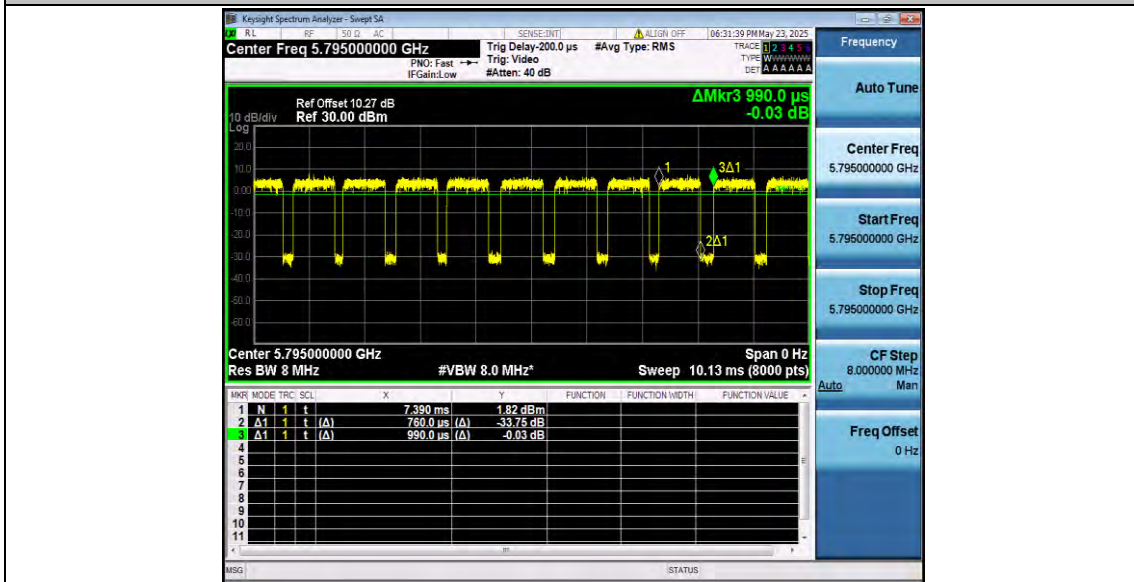
11AX20SISO_Ant1_5825



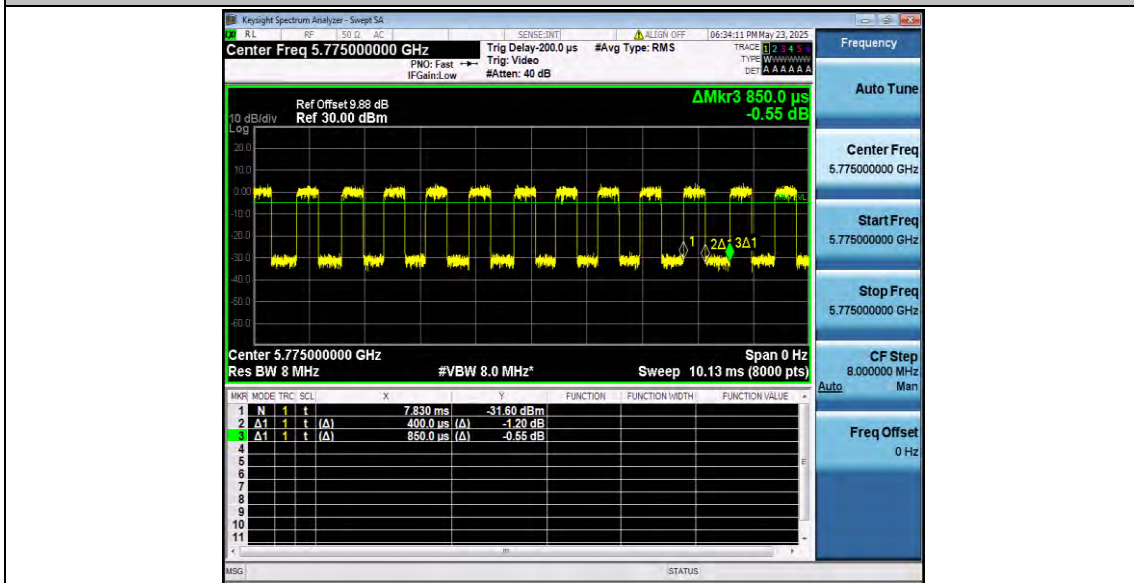
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix G.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	10.94	89.82	0.47	11.41	≤30.00	PASS
		5785	11.74	89.82	0.47	12.21	≤30.00	PASS
		5825	12.14	91.03	0.41	12.55	≤30.00	PASS
11N20SISO	Ant1	5745	13.94	89.62	0.48	14.42	≤30.00	PASS
		5785	14.46	90.00	0.46	14.92	≤30.00	PASS
		5825	12.03	89.87	0.46	12.49	≤30.00	PASS
11N40SISO	Ant1	5755	13.36	86.11	0.65	14.01	≤30.00	PASS
		5795	13.64	83.04	0.81	14.45	≤30.00	PASS
11AC20SISO	Ant1	5745	13.65	89.62	0.48	14.13	≤30.00	PASS
		5785	14.33	91.35	0.39	14.72	≤30.00	PASS
		5825	14.77	91.79	0.37	15.14	≤30.00	PASS
11AC40SISO	Ant1	5755	13.08	65.49	1.84	14.92	≤30.00	PASS
		5795	13.40	80.17	0.96	14.36	≤30.00	PASS
11AC80SISO	Ant1	5775	11.40	66.18	1.79	13.19	≤30.00	PASS
11AX20SISO	Ant1	5745	9.83	86.39	0.64	10.47	≤30.00	PASS
		5785	10.55	86.39	0.64	11.19	≤30.00	PASS
		5825	10.90	86.90	0.61	11.51	≤30.00	PASS
11AX40SISO	Ant1	5755	9.60	76.77	1.15	10.75	≤30.00	PASS
		5795	9.74	76.77	1.15	10.89	≤30.00	PASS
11AX80SISO	Ant1	5775	8.79	47.06	3.27	12.06	≤30.00	PASS

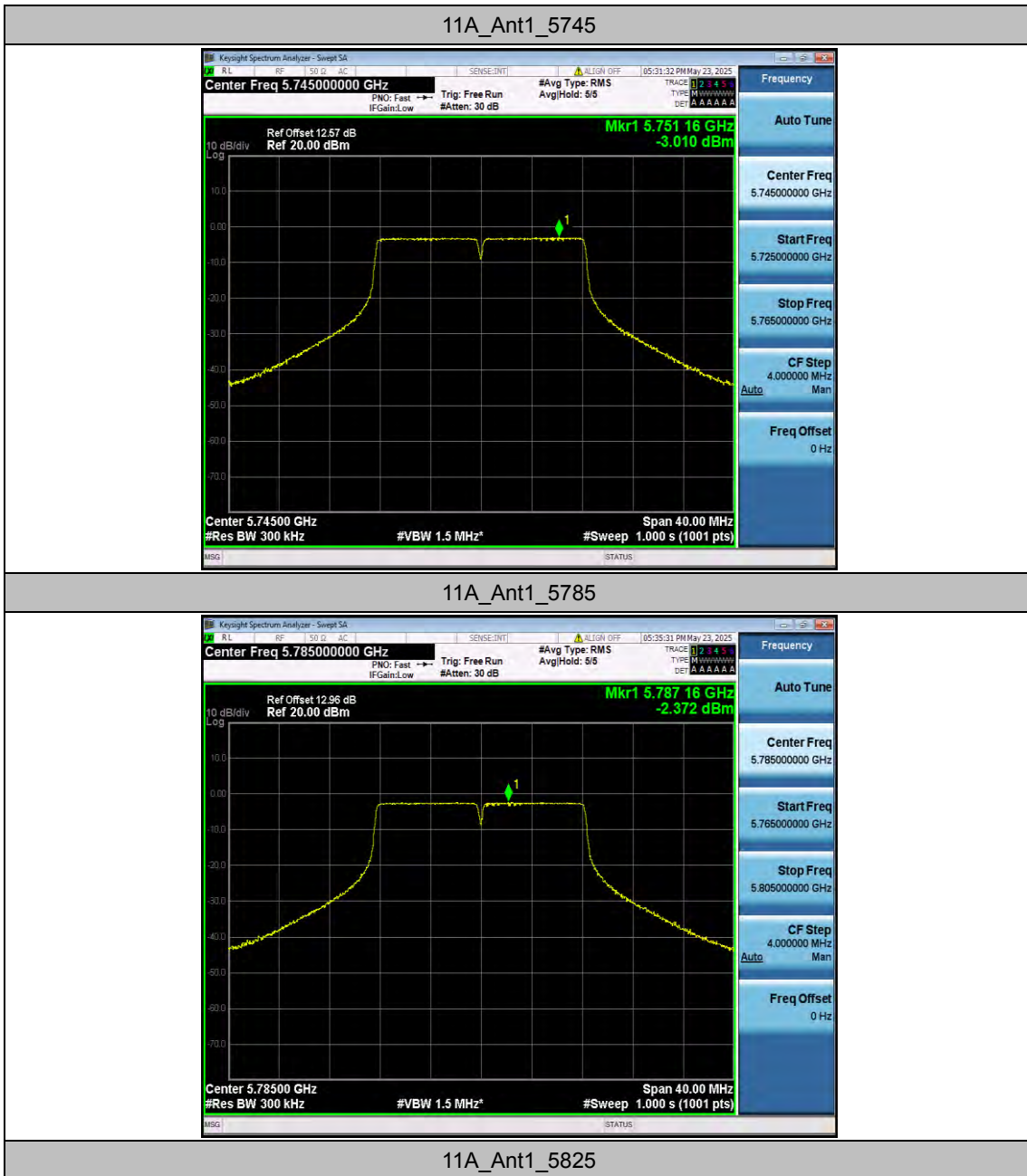
Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-3.01	≤30.00	PASS
		5785	-2.37	≤30.00	PASS
		5825	-1.78	≤30.00	PASS
11N20SISO	Ant1	5745	-0.54	≤30.00	PASS
		5785	-0.06	≤30.00	PASS
		5825	-1.87	≤30.00	PASS
11N40SISO	Ant1	5755	-3.44	≤30.00	PASS
		5795	-3.05	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.64	≤30.00	PASS
		5785	-0.21	≤30.00	PASS
		5825	0.45	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.25	≤30.00	PASS
		5795	-2.95	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.61	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.58	≤30.00	PASS
		5785	-4.04	≤30.00	PASS
		5825	-3.43	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.99	≤30.00	PASS
		5795	-7.23	≤30.00	PASS
11AX80SISO	Ant1	5775	-8.23	≤30.00	PASS

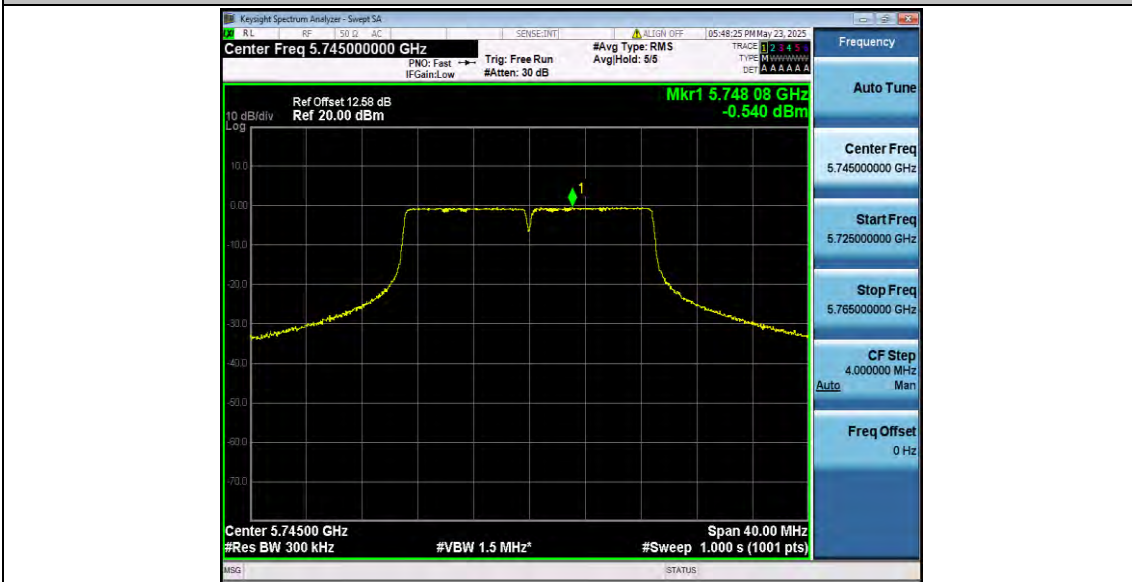
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



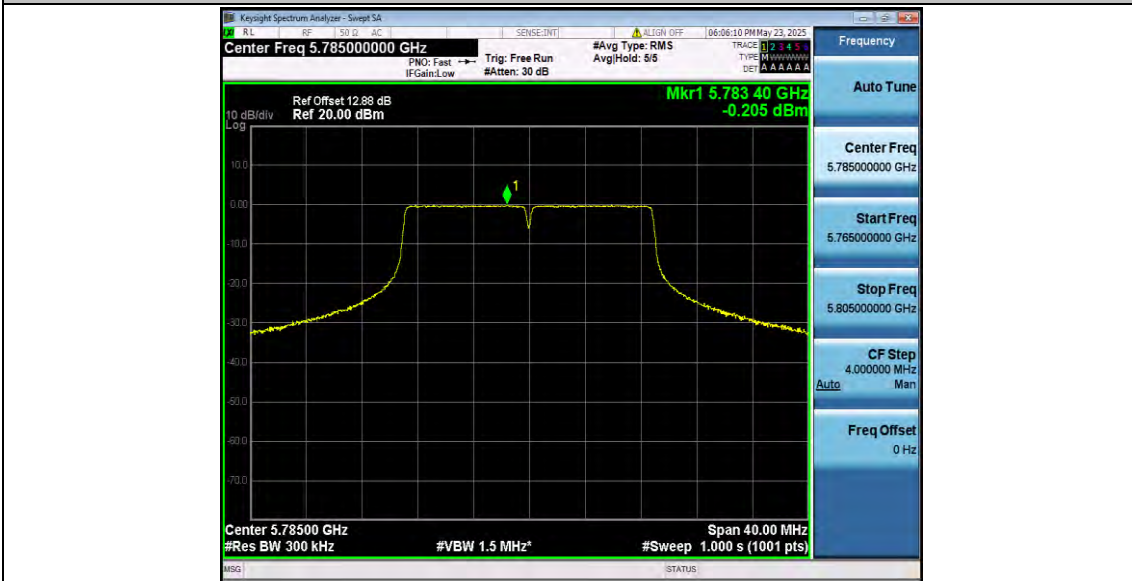
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



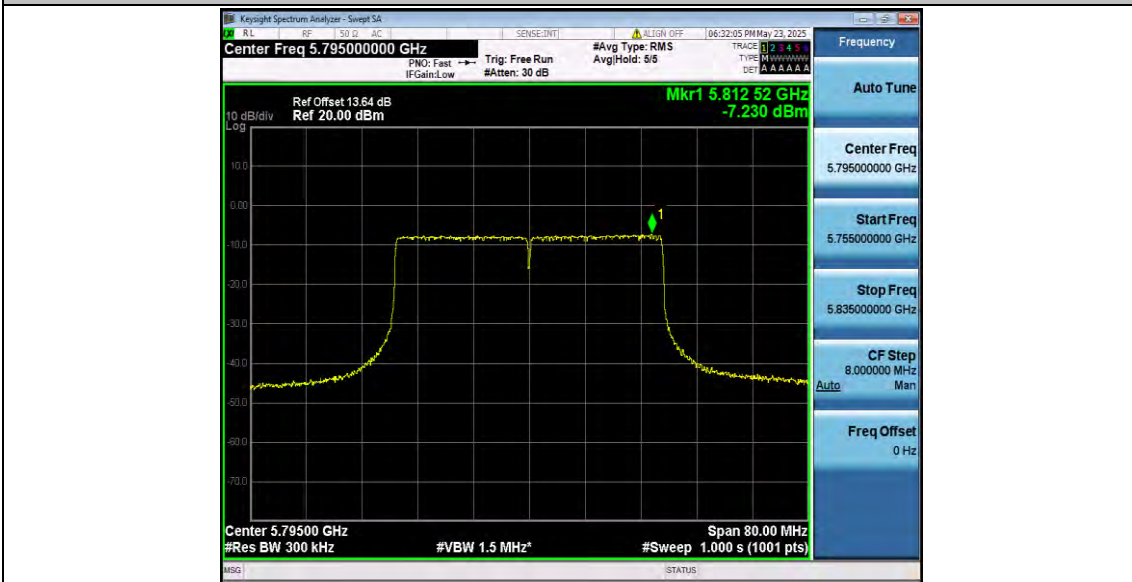
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

