

Case No. : <u>GTS20250530022-5-04</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.6.19</u>	Test Engineer: <u>Evan ouyang</u>

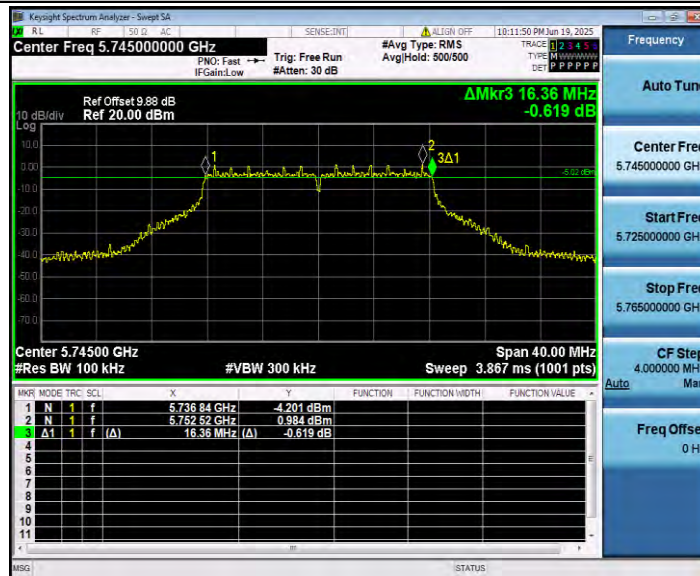
Appendix G.1: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.360	5736.840	5753.200	0.5	PASS
		5785	16.360	5776.840	5793.200	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant2	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant2	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AX20SISO	Ant2	5745	18.880	5735.600	5754.480	0.5	PASS
		5785	18.920	5775.520	5794.440	0.5	PASS
		5825	18.720	5815.600	5834.320	0.5	PASS
11AX40SISO	Ant2	5755	37.920	5736.040	5773.960	0.5	PASS
		5795	37.920	5776.040	5813.960	0.5	PASS

Test Graphs B4

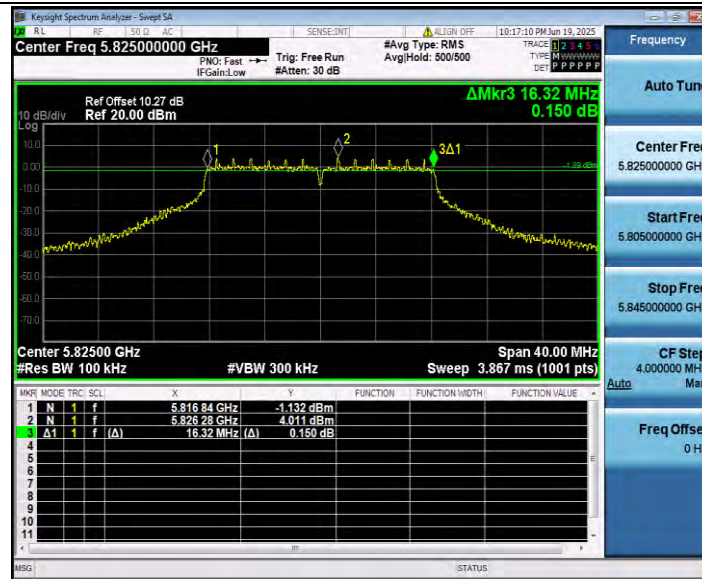
11A_Ant2_5745



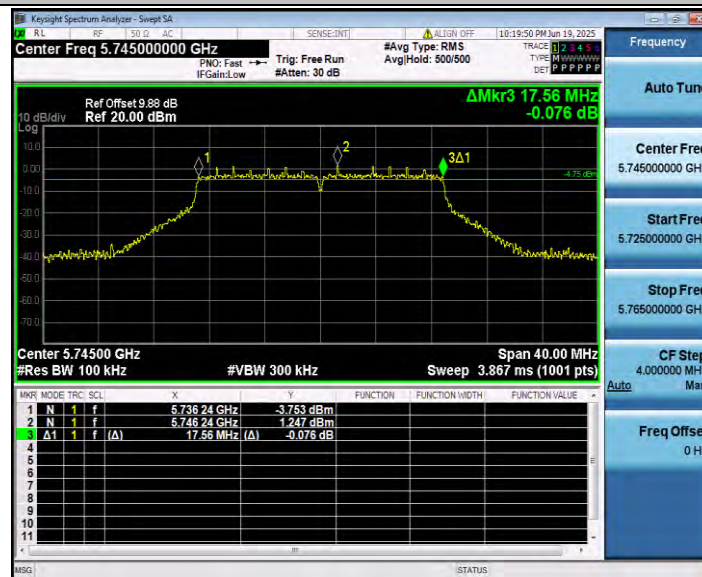
11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



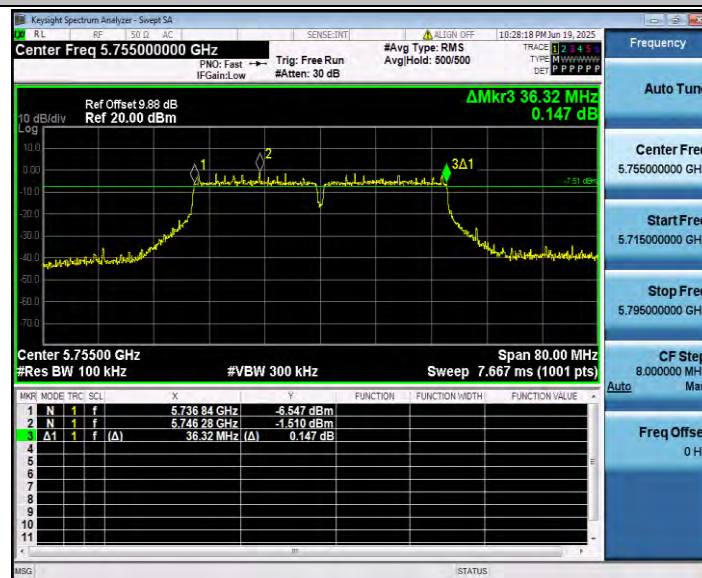
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



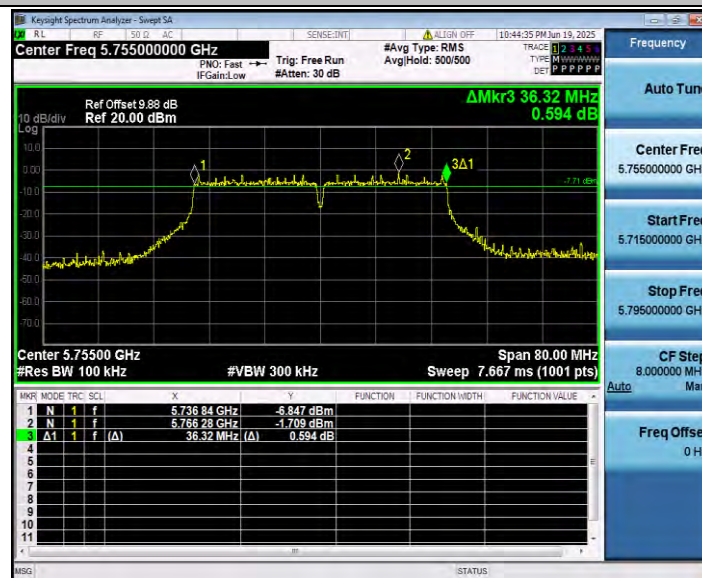
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



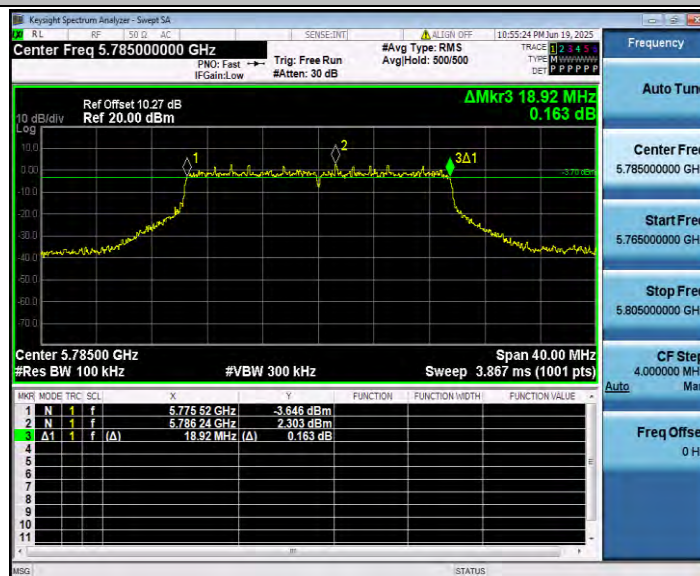
11AC40SISO_Ant2_5795



11AX20SISO_Ant2_5745



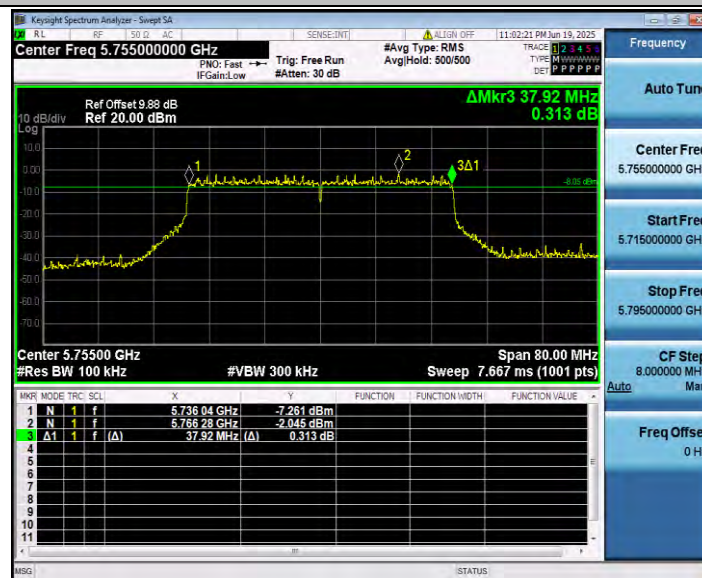
11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



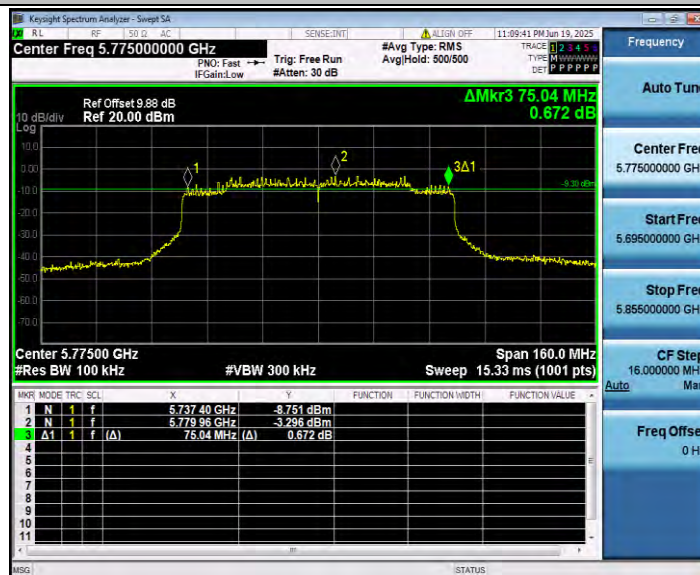
11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80ISO_Ant2_5775



Appendix G.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.315	5736.3483	5753.6633	---	---
		5785	17.391	5776.3188	5793.7098	---	---
		5825	17.425	5816.2157	5833.6407	---	---
11N20SISO	Ant2	5745	18.343	5735.8442	5754.1872	---	---
		5785	18.353	5775.8486	5794.2016	---	---
		5825	18.444	5815.7535	5834.1975	---	---
11N40SISO	Ant2	5755	36.806	5736.6551	5773.4611	---	---
		5795	36.829	5776.6284	5813.4574	---	---
11AC20SISO	Ant2	5745	18.371	5735.8456	5754.2166	---	---
		5785	18.383	5775.8244	5794.2074	---	---
		5825	18.418	5815.7646	5834.1826	---	---
11AC40SISO	Ant2	5755	36.765	5736.6906	5773.4556	---	---
		5795	36.850	5776.6312	5813.4812	---	---
11AX20SISO	Ant2	5745	19.251	5735.4227	5754.6737	---	---
		5785	19.232	5775.3919	5794.6239	---	---
		5825	19.259	5815.3435	5834.6025	---	---
11AX40SISO	Ant2	5755	38.101	5735.9993	5774.1003	---	---
		5795	38.071	5776.0365	5814.1075	---	---

Test Graphs

11A_Ant2_5745



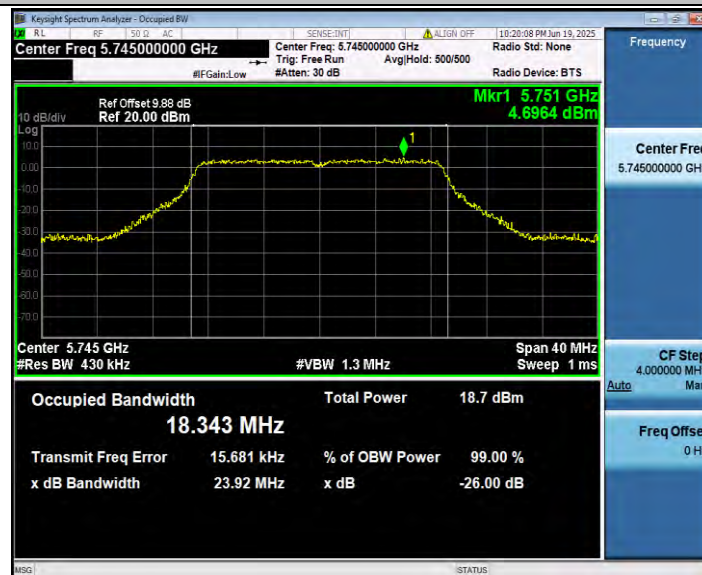
11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



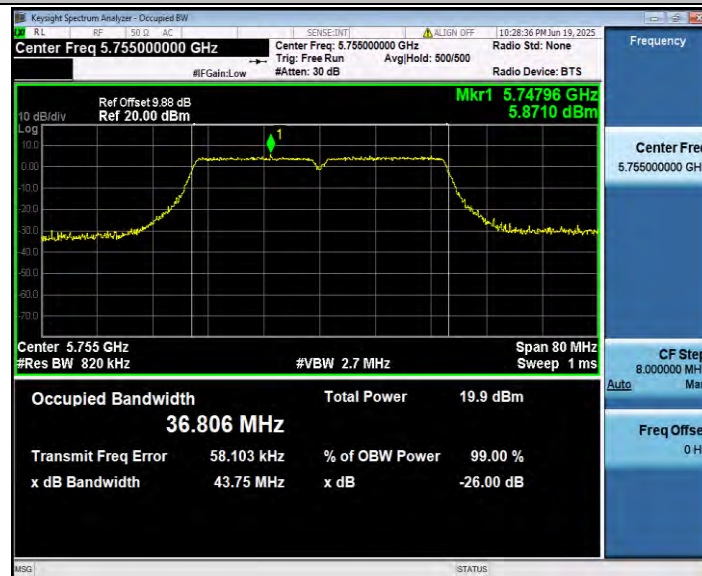
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



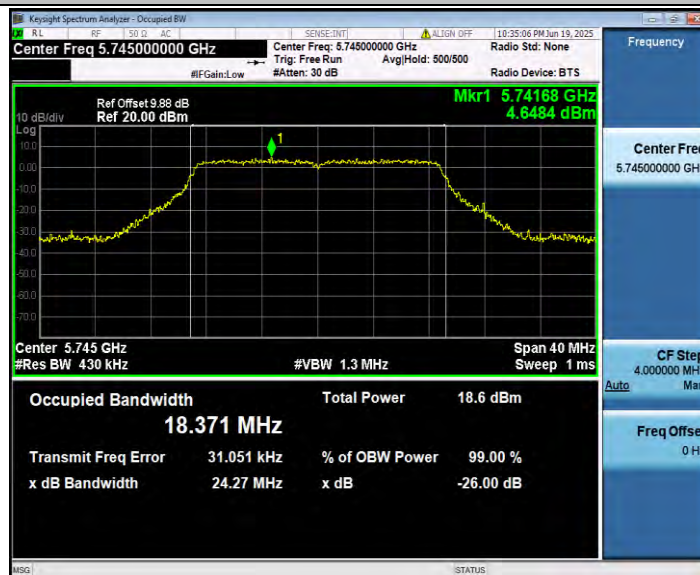
11N40SISO_Ant2_5755



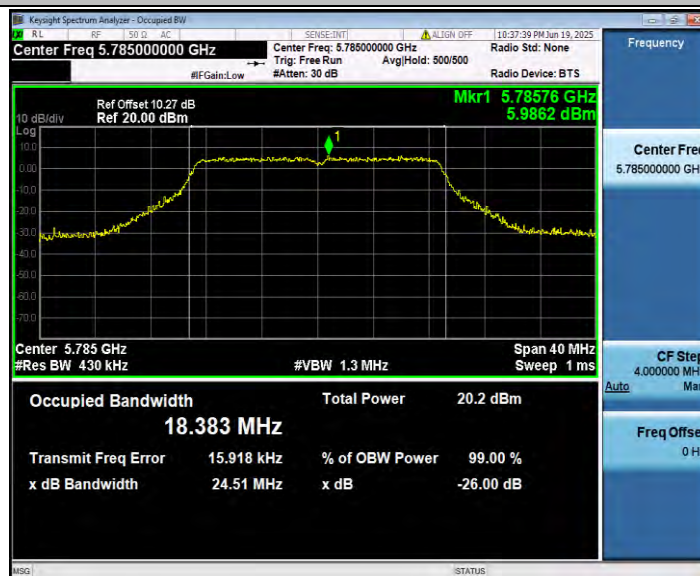
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



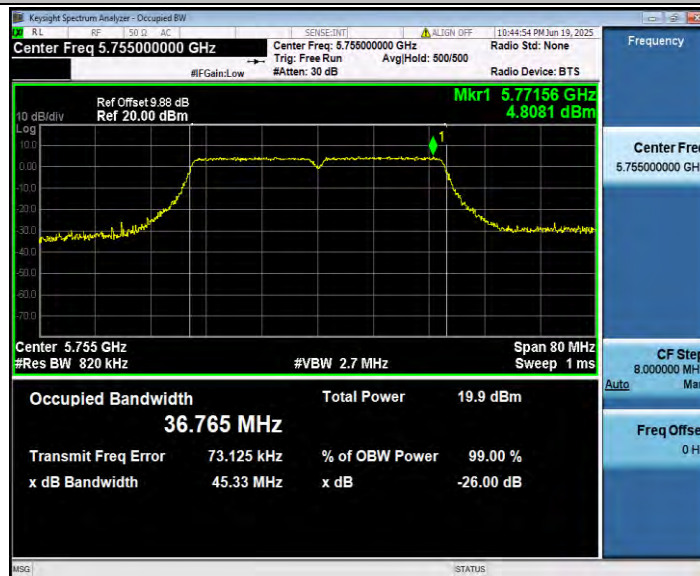
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



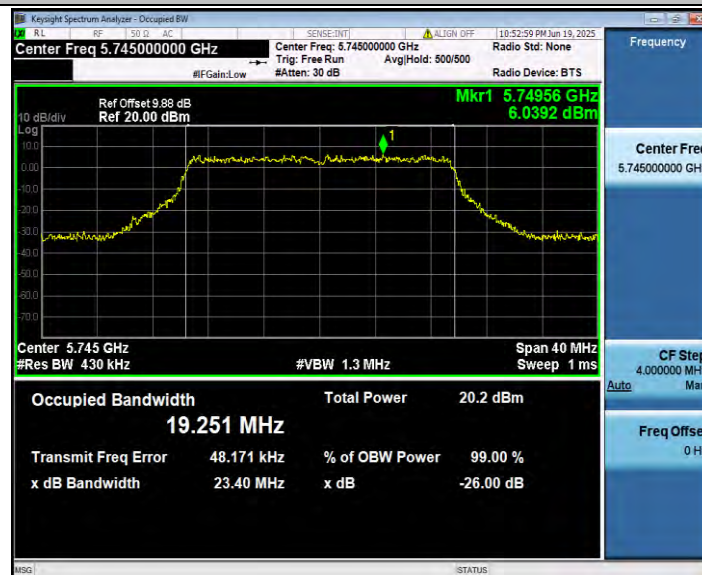
11AC40SISO_Ant2_5755



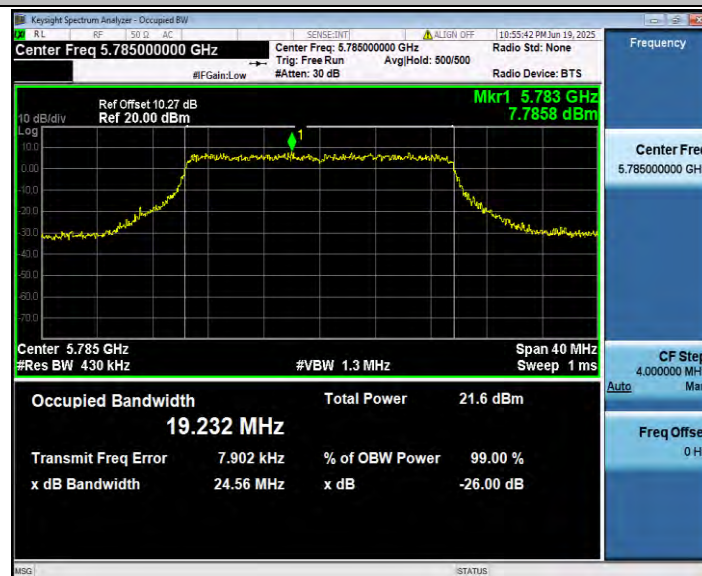
11AC40SISO_Ant2_5795



11AX20SISO_Ant2_5745



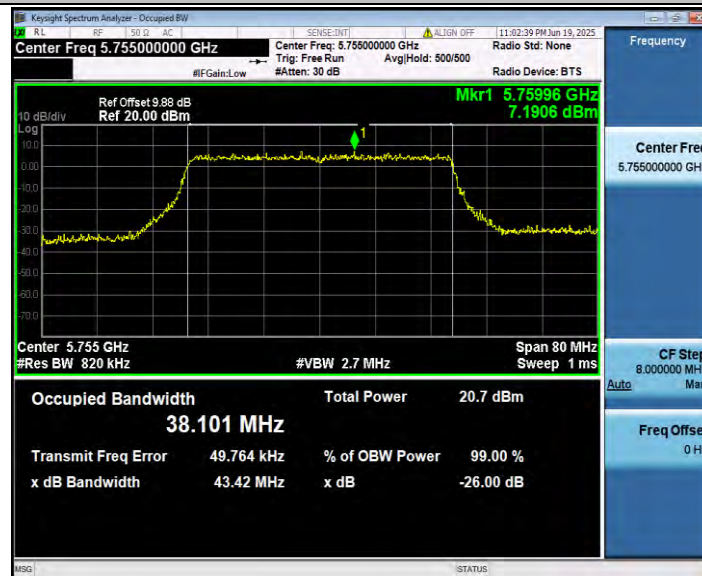
11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795

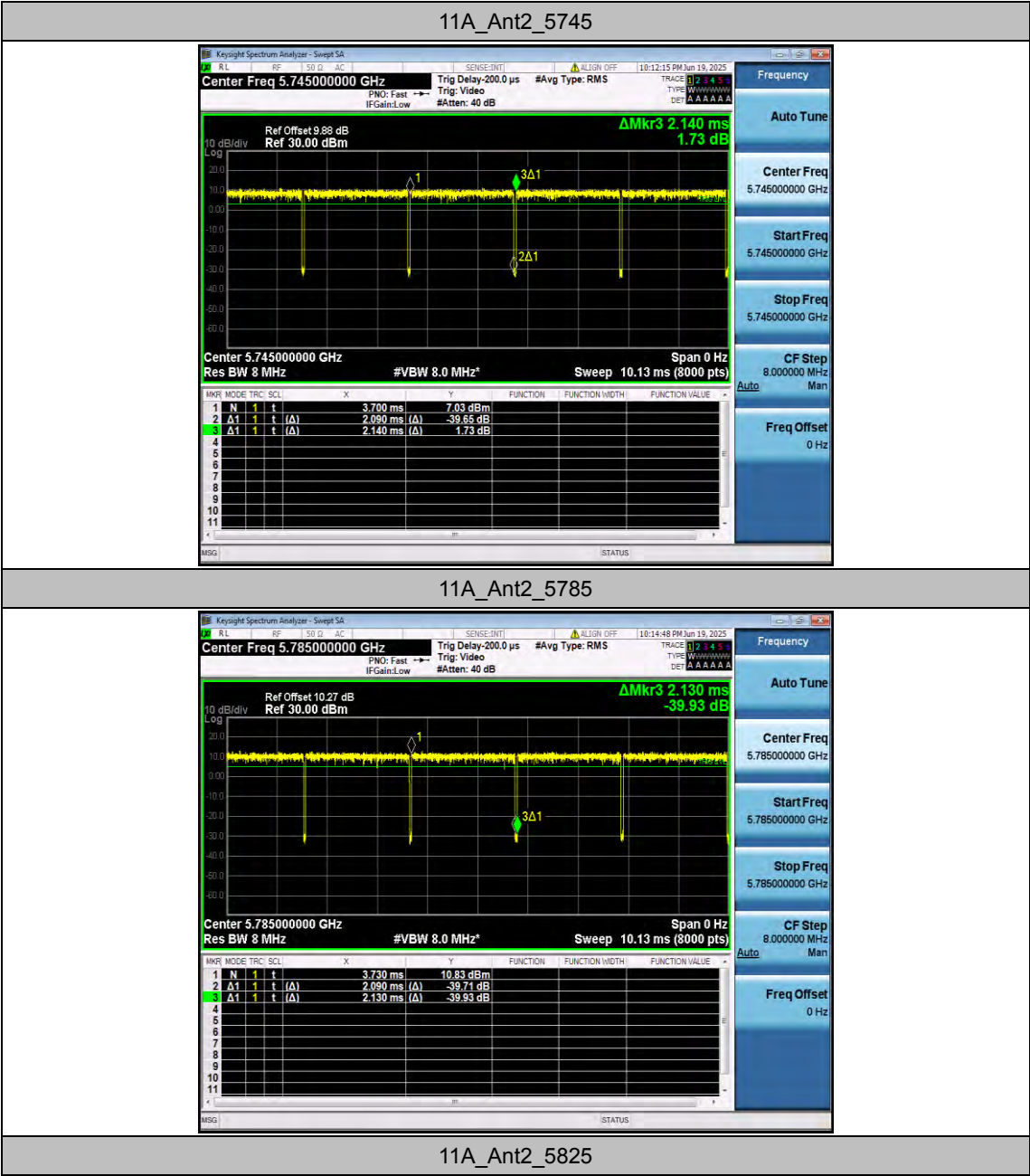


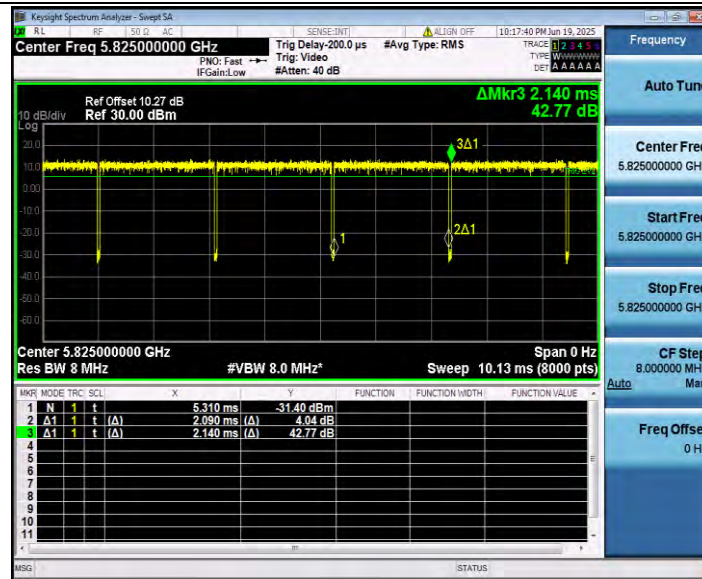
Appendix G.3: Duty Cycle

Test Result

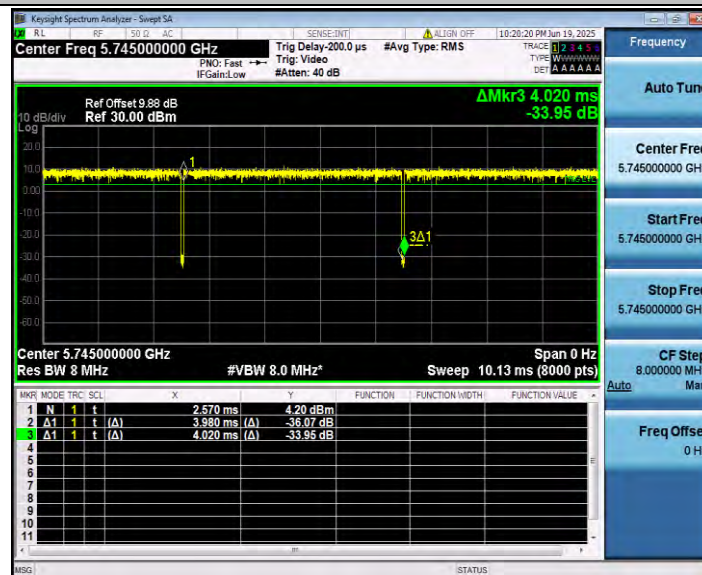
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	2.09	2.14	97.66	0.10	0.48
		5785	2.09	2.13	98.12	0.08	0.48
		5825	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant2	5745	3.98	4.02	99.00	0.04	0.25
		5785	3.98	4.02	99.00	0.04	0.25
		5825	3.98	4.02	99.00	0.04	0.25
11N40SISO	Ant2	5755	3.98	4.02	99.00	0.04	0.25
		5795	3.97	4.01	99.00	0.04	0.25
11AC20SISO	Ant2	5745	3.98	4.02	99.00	0.04	0.25
		5785	3.98	4.02	99.00	0.04	0.25
		5825	3.98	4.02	99.00	0.04	0.25
11AC40SISO	Ant2	5755	3.97	4.02	98.76	0.05	0.25
		5795	3.97	4.02	98.76	0.05	0.25
11AX20SISO	Ant2	5745	3.98	4.03	98.76	0.05	0.25
		5785	3.98	4.03	98.76	0.05	0.25
		5825	3.98	4.03	98.76	0.05	0.25
11AX40SISO	Ant2	5755	3.99	4.03	99.01	0.04	0.25
		5795	3.98	4.03	98.76	0.05	0.25

Test Graphs

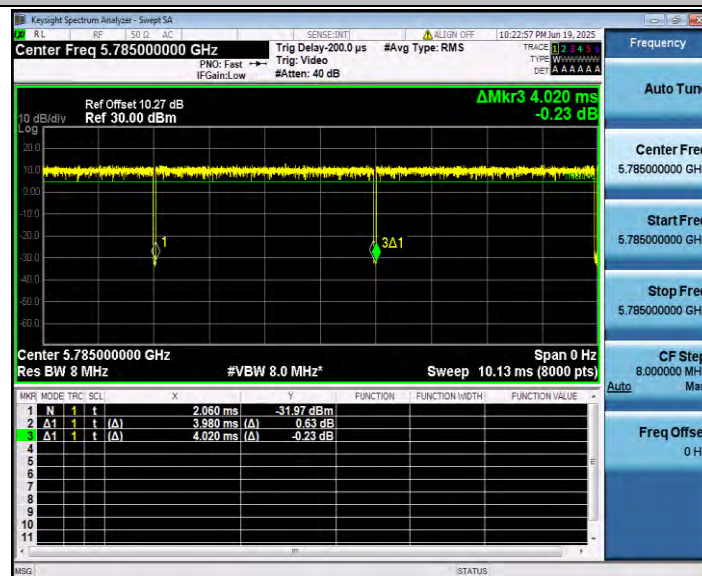




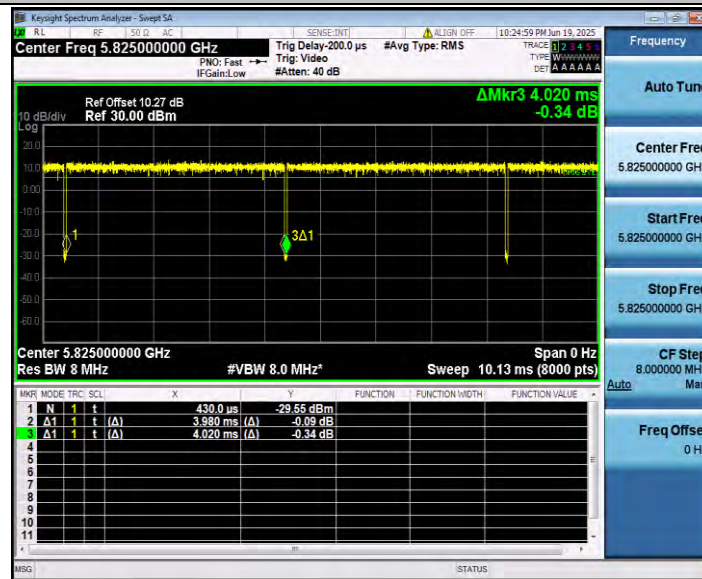
11N20SISO_Ant2_5745



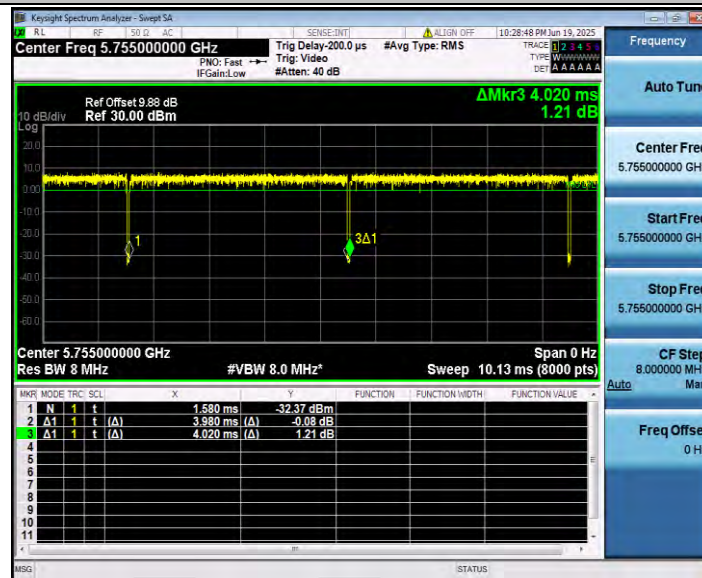
11N20SISO_Ant2_5785



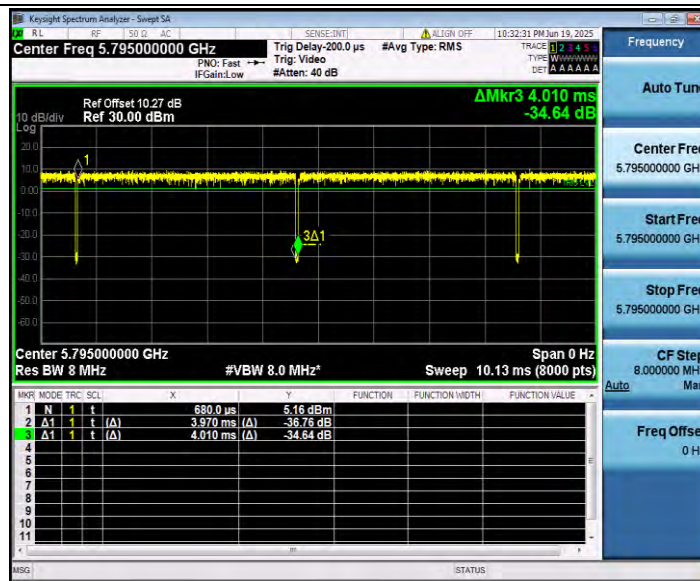
11N20SISO_Ant2_5825



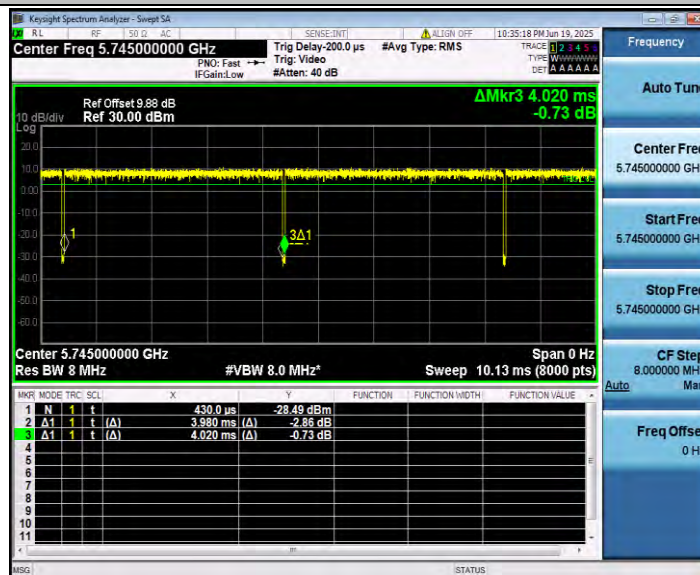
11N40SISO_Ant2_5755



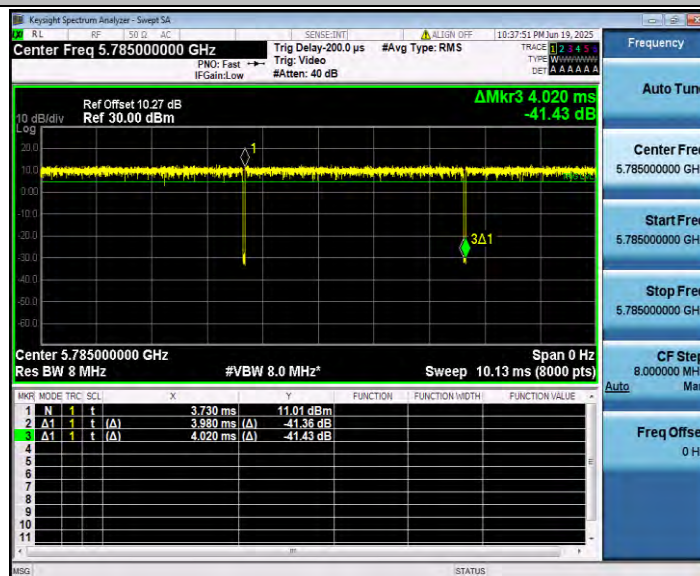
11N40SISO_Ant2_5795

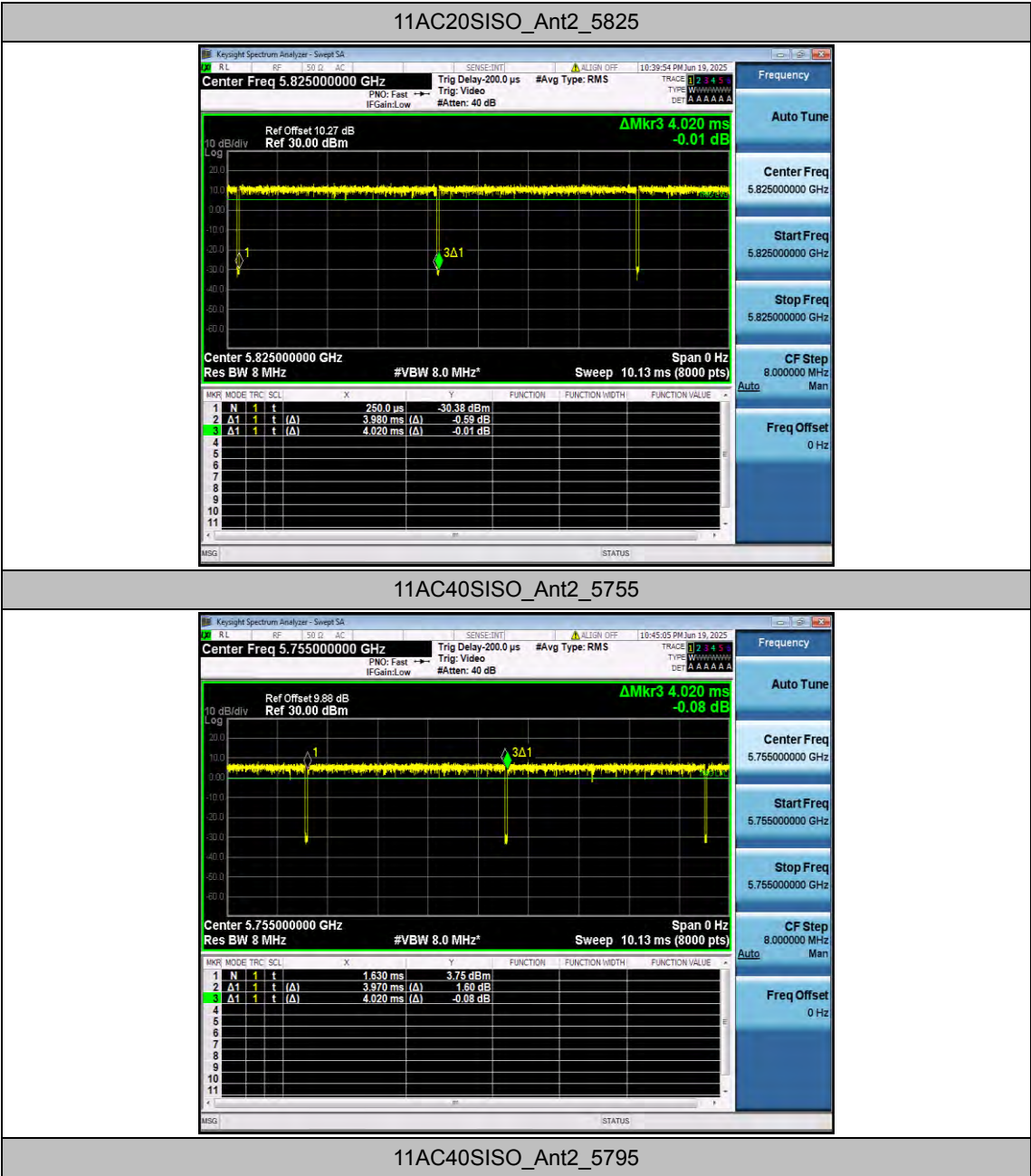


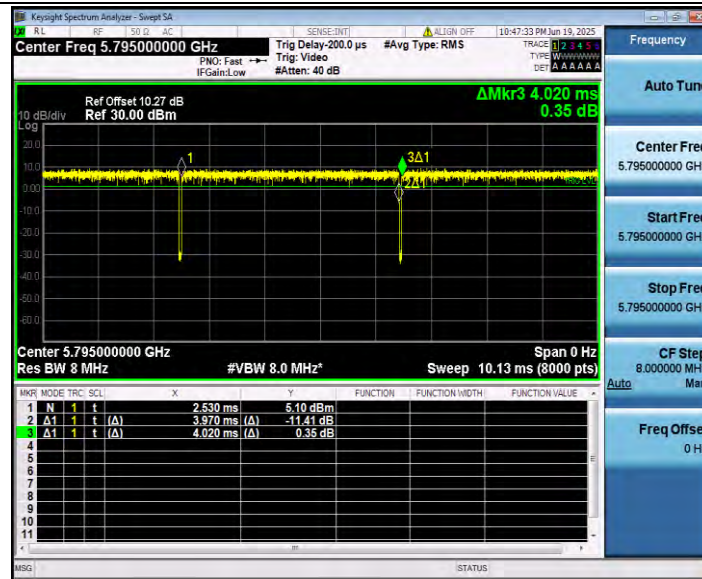
11AC20SISO_Ant2_5745



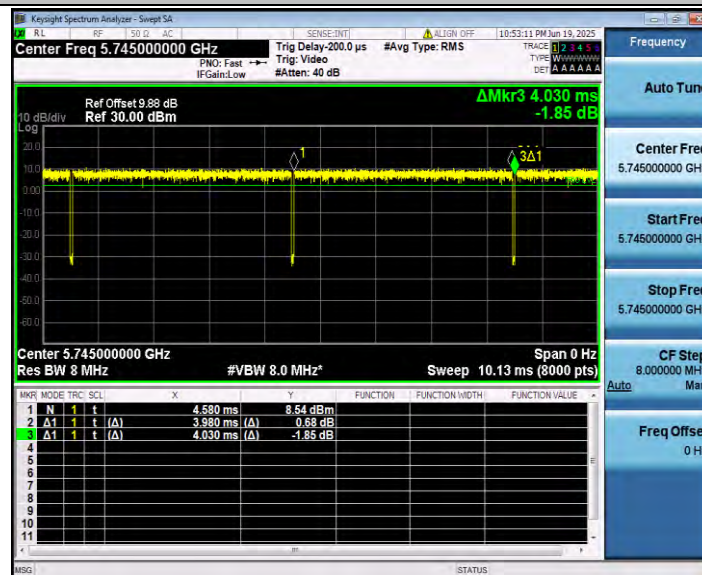
11AC20SISO_Ant2_5785



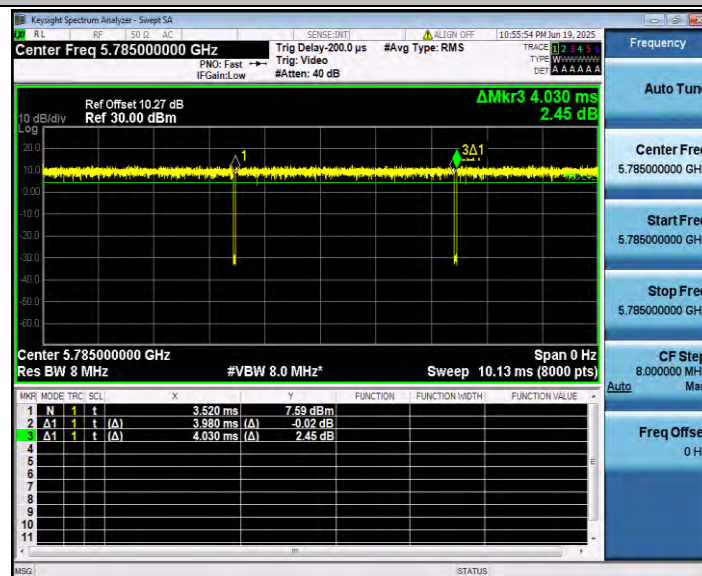




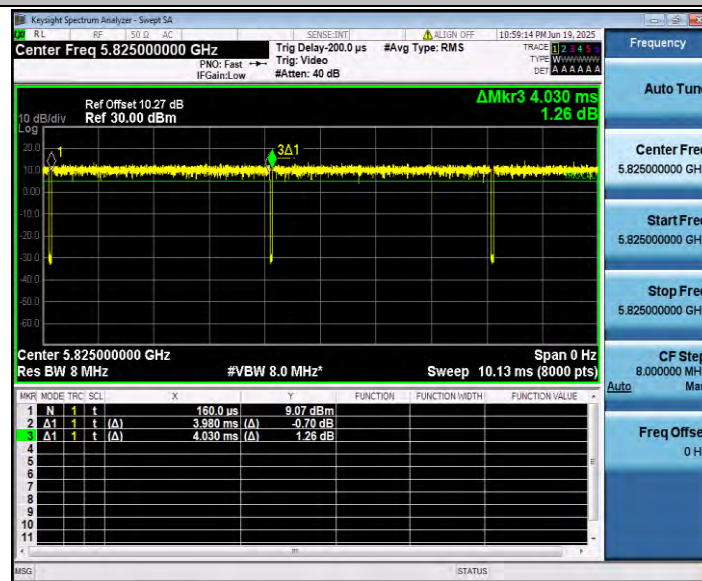
11AX20SISO_Ant2_5745



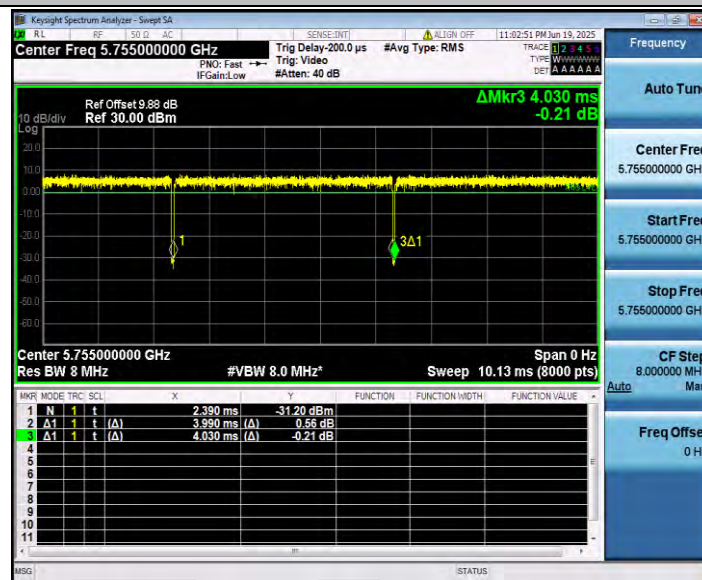
11AX20SISO_Ant2_5785



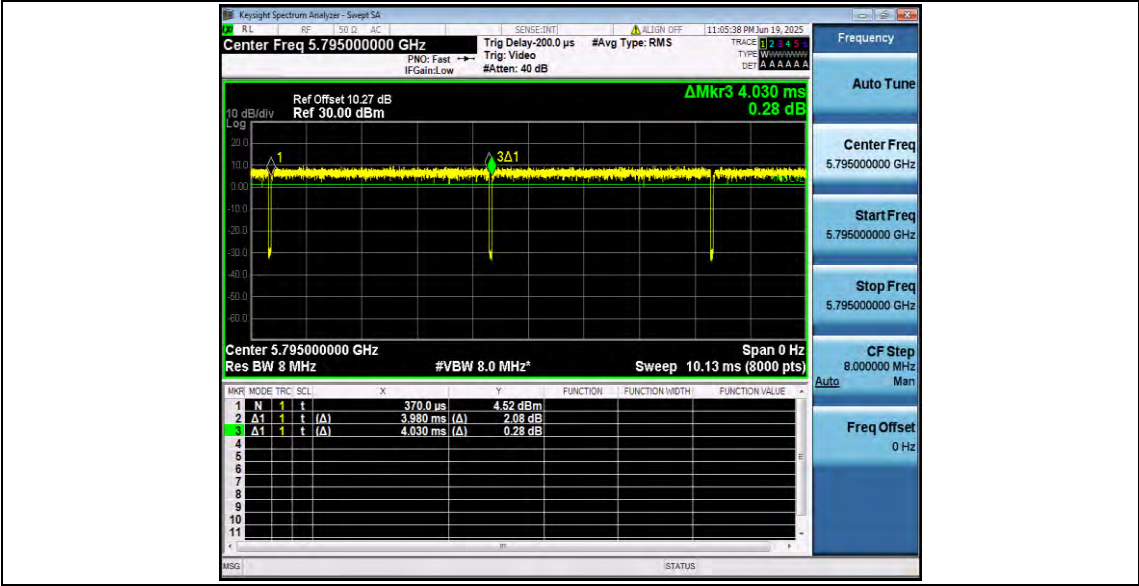
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



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	Ant2	5745	11.71	97.66	0.10	11.81	≤30.00	PASS
		5785	13.44	98.12	0.08	13.52	≤30.00	PASS
		5825	14.37	97.66	0.10	14.47	≤30.00	PASS
11N20SI SO	Ant2	5745	11.86	99.00	0.04	11.90	≤30.00	PASS
		5785	13.38	99.00	0.04	13.42	≤30.00	PASS
		5825	14.32	99.00	0.04	14.36	≤30.00	PASS
11N40SI SO	Ant2	5755	12.21	99.00	0.04	12.25	≤30.00	PASS
		5795	13.81	99.00	0.04	13.85	≤30.00	PASS
11AC20S ISO	Ant2	5745	11.77	99.00	0.04	11.81	≤30.00	PASS
		5785	13.39	99.00	0.04	13.43	≤30.00	PASS
		5825	14.32	99.00	0.04	14.36	≤30.00	PASS
11AC40S ISO	Ant2	5755	12.25	98.76	0.05	12.30	≤30.00	PASS
		5795	13.83	98.76	0.05	13.88	≤30.00	PASS
11AX20SI SO	Ant2	5745	11.76	98.76	0.05	11.81	≤30.00	PASS
		5785	13.22	98.76	0.05	13.27	≤30.00	PASS
		5825	14.10	98.76	0.05	14.15	≤30.00	PASS
11AX40SI SO	Ant2	5755	11.94	99.01	0.04	11.98	≤30.00	PASS
		5795	13.53	98.76	0.05	13.58	≤30.00	PASS

Appendix G.5: Maximum power spectral density

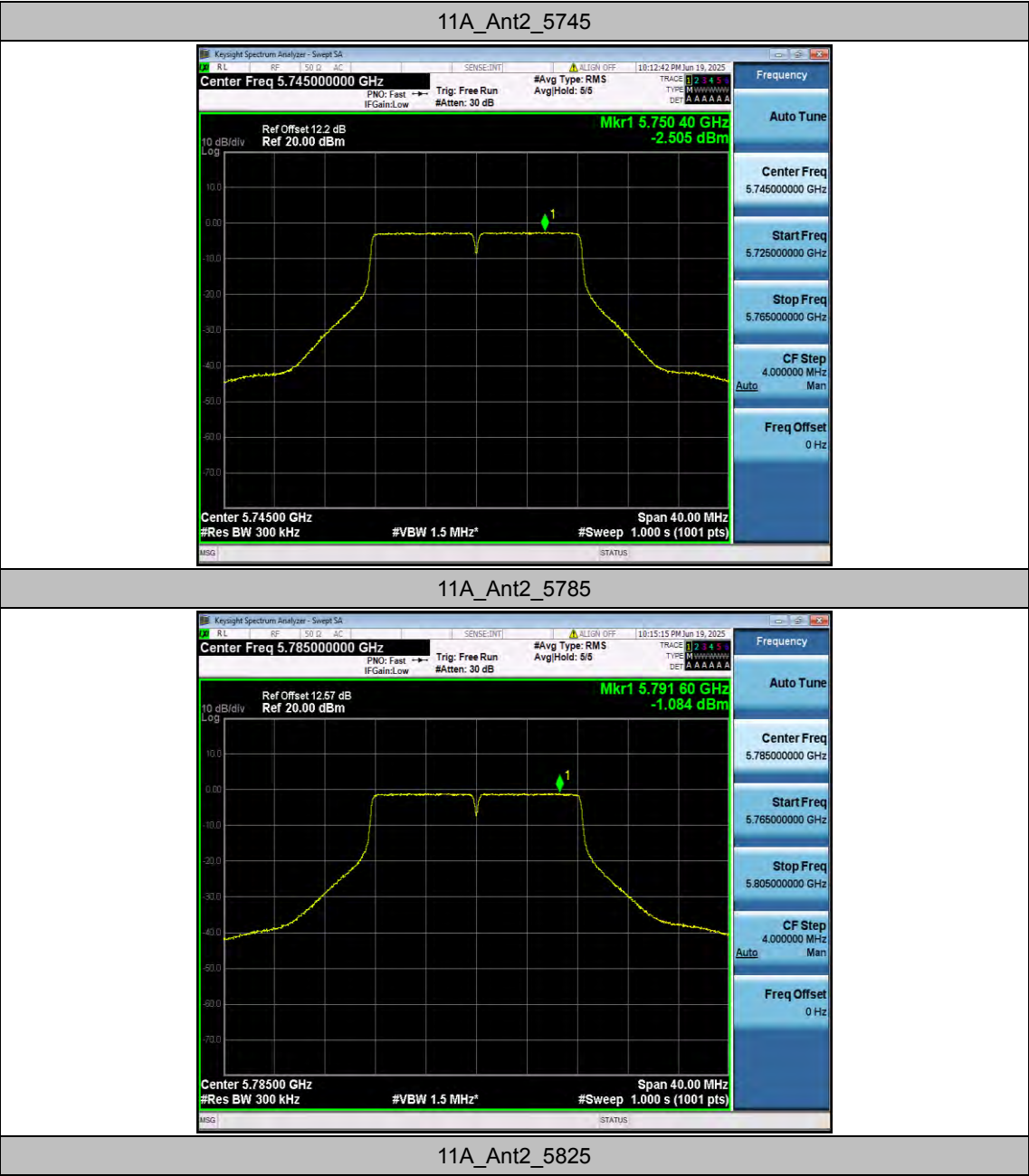
Test Result

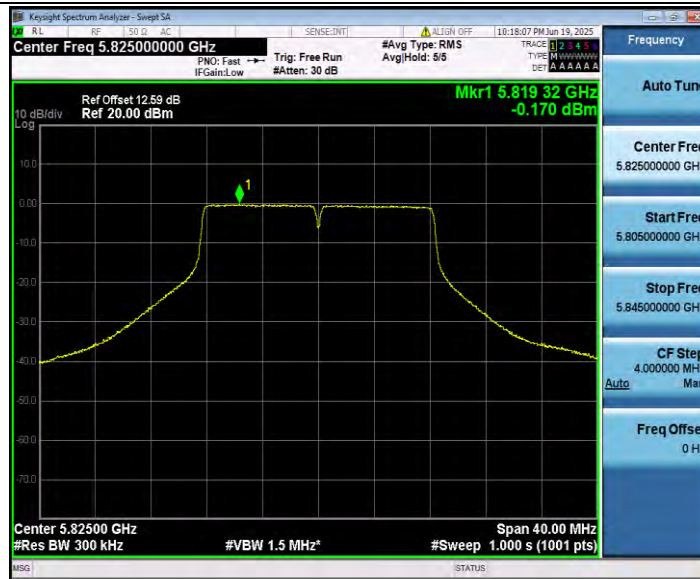
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-2.51	≤30.00	PASS
		5785	-1.08	≤30.00	PASS
		5825	-0.17	≤30.00	PASS
11N20SISO	Ant2	5745	-2.94	≤30.00	PASS
		5785	-1.46	≤30.00	PASS
		5825	-0.54	≤30.00	PASS
11N40SISO	Ant2	5755	-5.55	≤30.00	PASS
		5795	-4.01	≤30.00	PASS
11AC20SISO	Ant2	5745	-3.17	≤30.00	PASS
		5785	-1.34	≤30.00	PASS
		5825	-0.49	≤30.00	PASS
11AC40SISO	Ant2	5755	-5.45	≤30.00	PASS
		5795	-4.06	≤30.00	PASS
11AX20SISO	Ant2	5745	-3.59	≤30.00	PASS
		5785	-1.99	≤30.00	PASS
		5825	-1.15	≤30.00	PASS
11AX40SISO	Ant2	5755	-6.06	≤30.00	PASS
		5795	-4.64	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

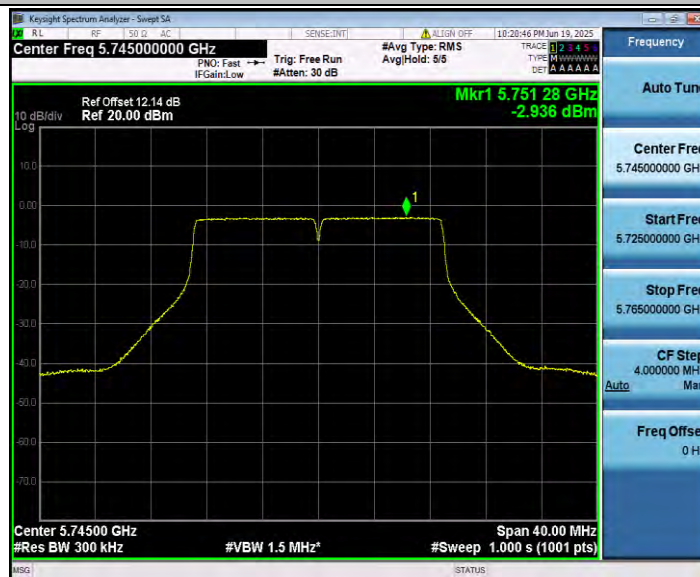
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

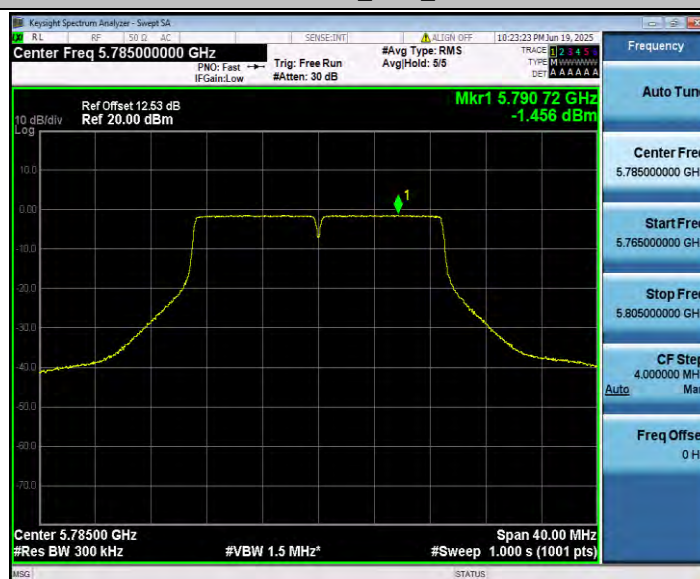




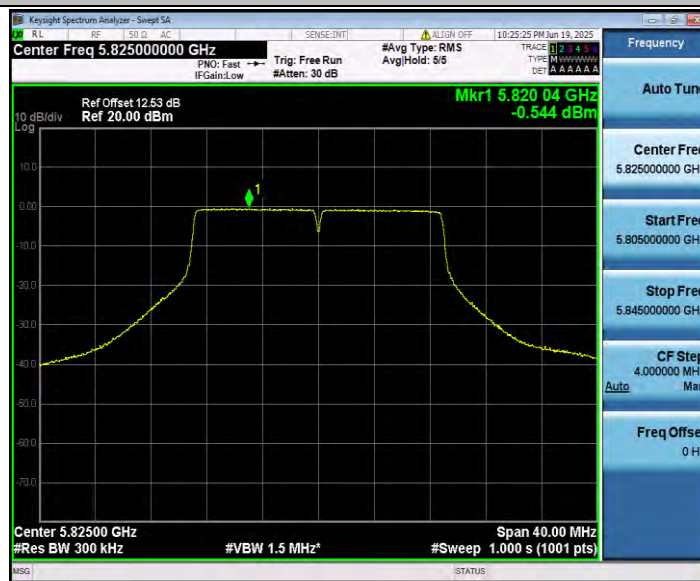
11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



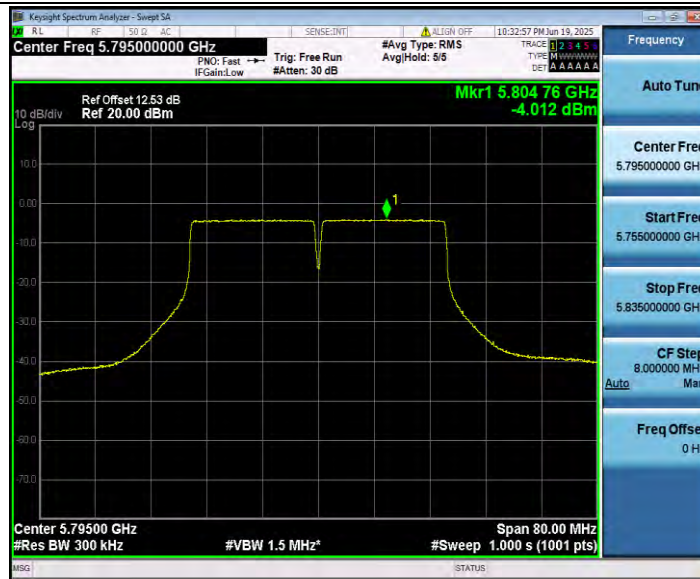
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



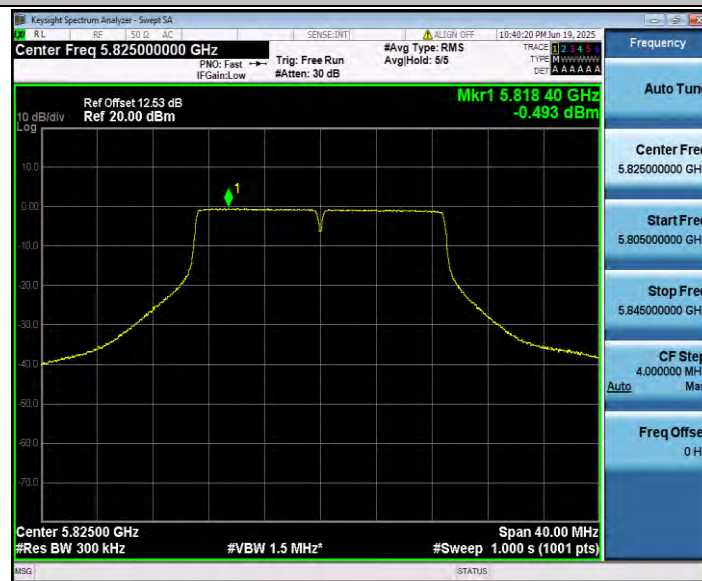
11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



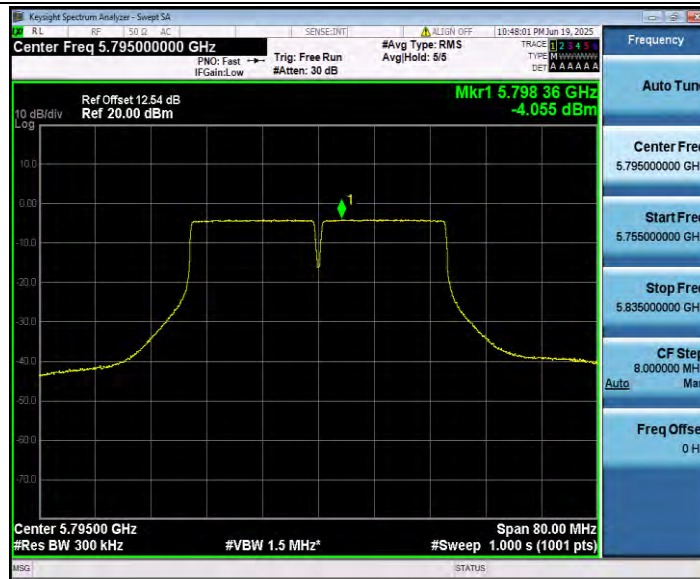
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11AC40SISO_Ant2_5755



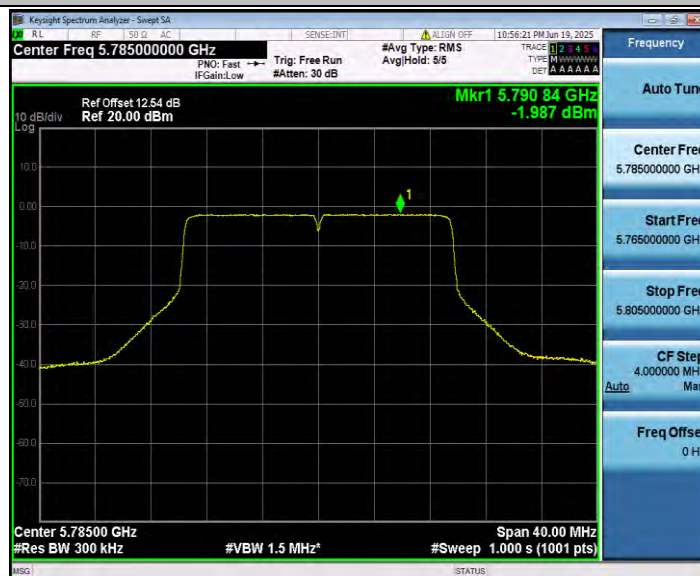
11AC40SISO_Ant2_5795



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795

