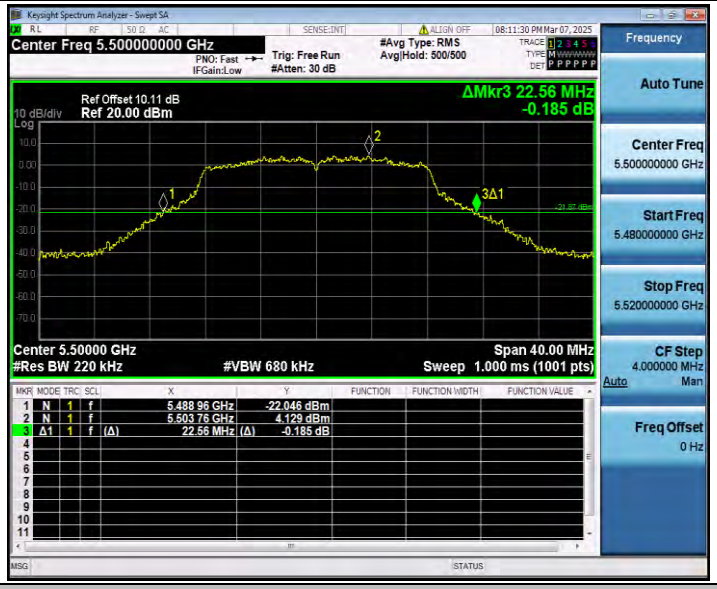
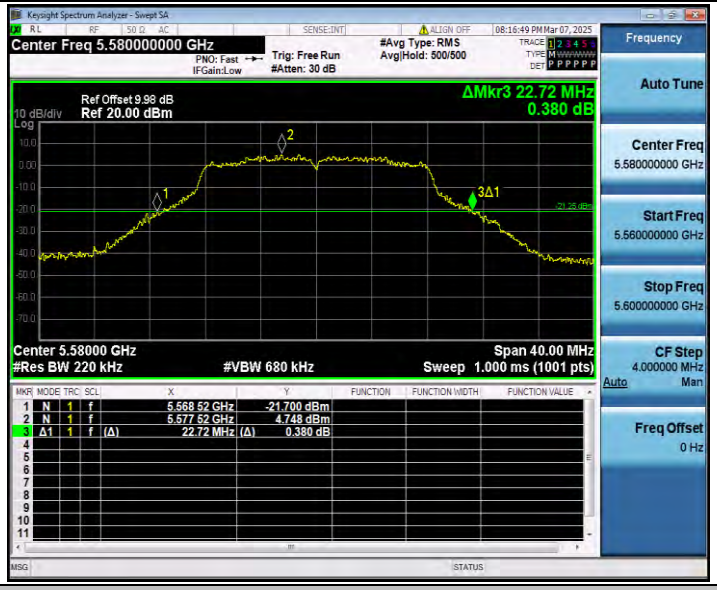
Case No. : GTS20241129021-2-05	
Ambient Condition: 21 ℃, 52 %RH	
According Standard: ■Part15E	
Test Date: 2025.3.7	**Test Engineer:** Evan ouyang

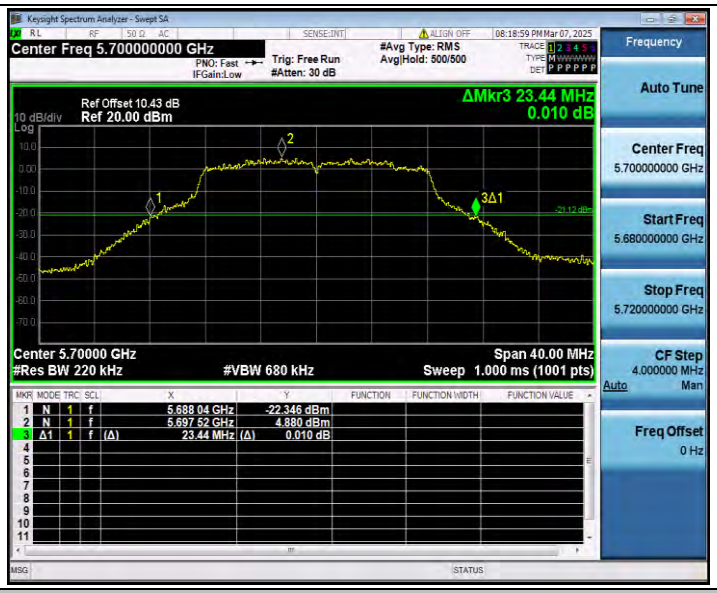
Appendix F.1: Emission Bandwidth

Test Result

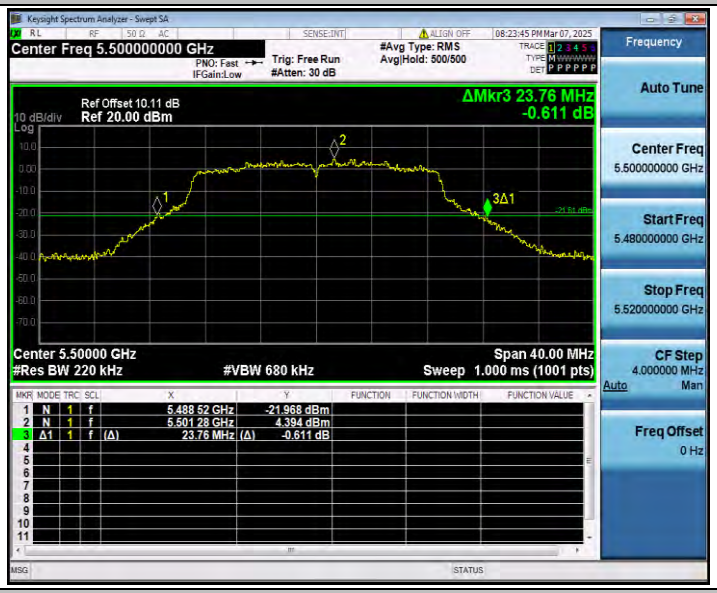
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	22.560	5488.960	5511.520	---	---
		5580	22.720	5568.520	5591.240	---	---
		5700	23.440	5688.040	5711.480	---	---
11N20SISO	Ant0	5500	23.760	5488.520	5512.280	---	---
		5580	23.200	5568.360	5591.560	---	---
		5700	23.120	5688.160	5711.280	---	---
11N40SISO	Ant0	5510	43.200	5488.480	5531.680	---	---
		5590	43.120	5568.480	5611.600	---	---
		5670	42.400	5648.720	5691.120	---	---
11AC20SISO	Ant0	5500	23.800	5488.640	5512.440	---	---
		5580	23.000	5568.400	5591.400	---	---
		5700	22.960	5688.360	5711.320	---	---
11AC40SISO	Ant0	5510	42.880	5488.880	5531.760	---	---
		5590	42.960	5568.240	5611.200	---	---
		5670	43.200	5648.240	5691.440	---	---
11AC80SISO	Ant0	5530	85.760	5488.400	5574.160	---	---
		5610	84.480	5567.440	5651.920	---	---
11AX20SISO	Ant0	5500	22.880	5488.920	5511.800	---	---
		5580	22.440	5568.760	5591.200	---	---
		5700	23.440	5687.840	5711.280	---	---
11AX40SISO	Ant0	5510	41.840	5489.360	5531.200	---	---
		5590	41.840	5568.960	5610.800	---	---
		5670	42.160	5648.880	5691.040	---	---
11AX80SISO	Ant0	5530	81.600	5489.360	5570.960	---	---
		5610	82.720	5568.560	5651.280	---	---

Test Graphs

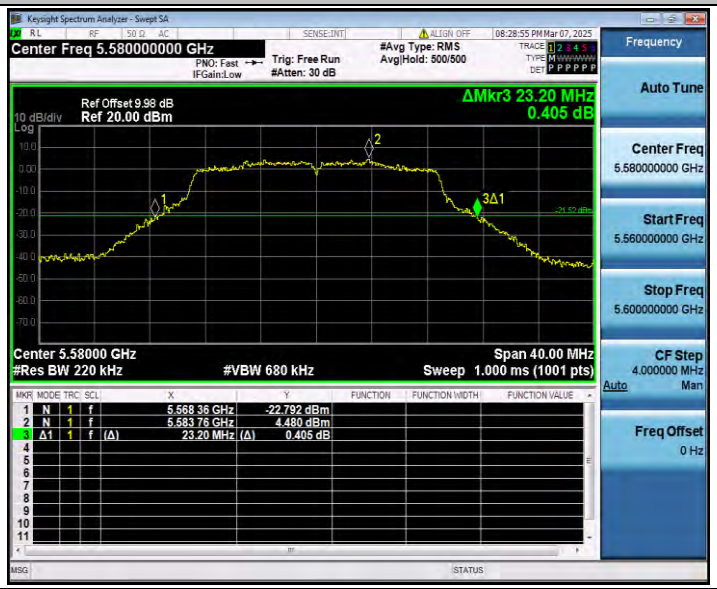
11A_Ant0_5500

11A_Ant0_5580

11A_Ant0_5700



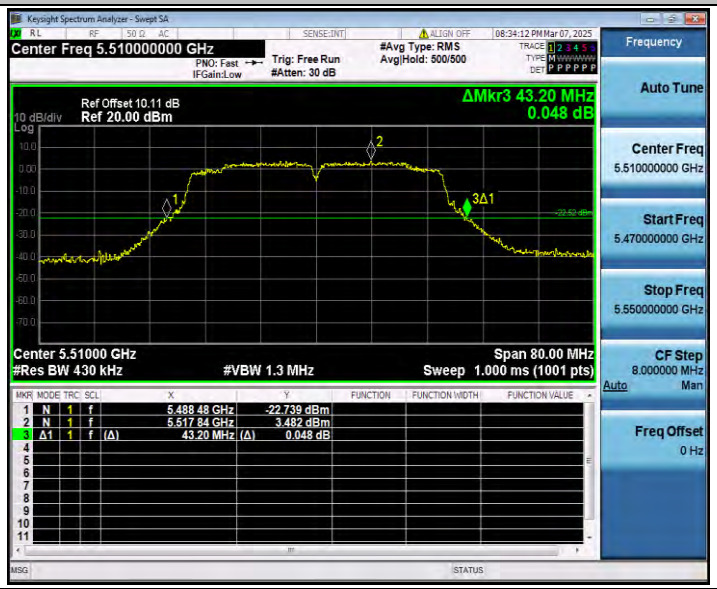
11N20SISO_Ant0_5500

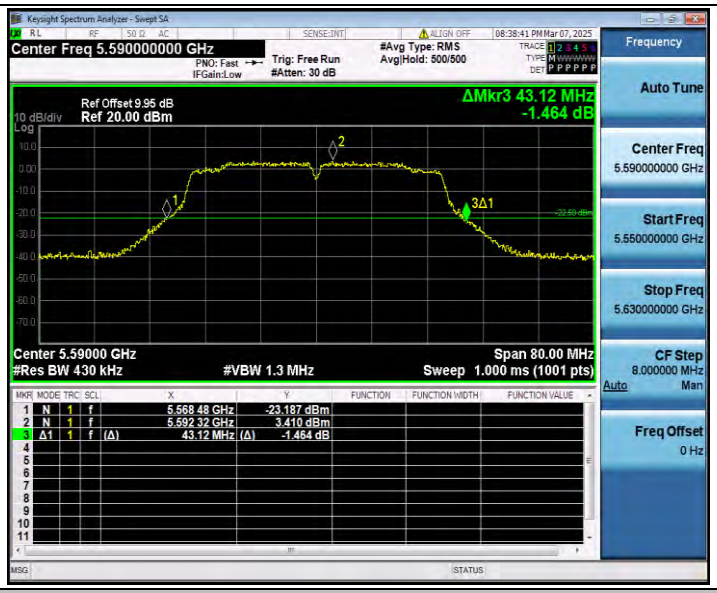


11N20SISO_Ant0_5580

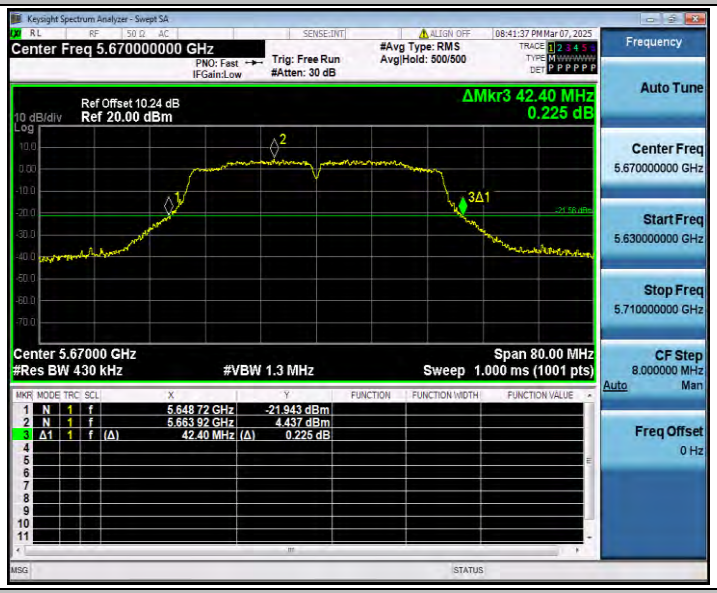


11N20SISO_Ant0_5700

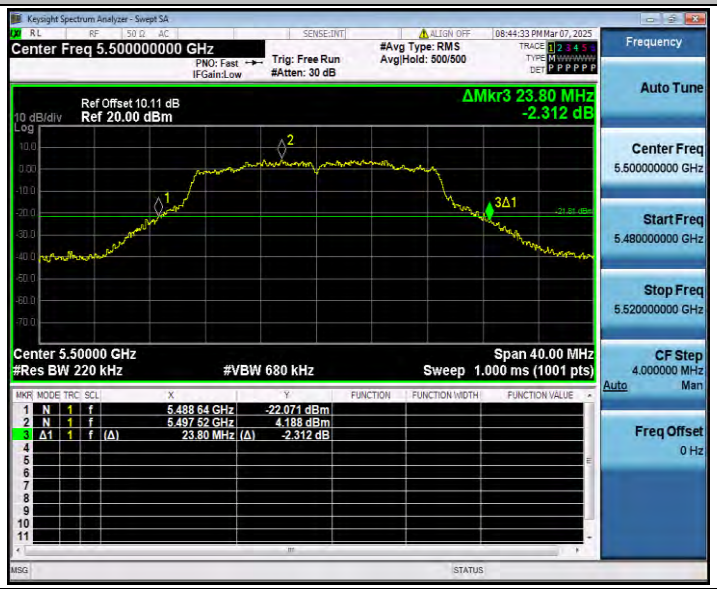
11N40SISO_Ant0_5510

11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



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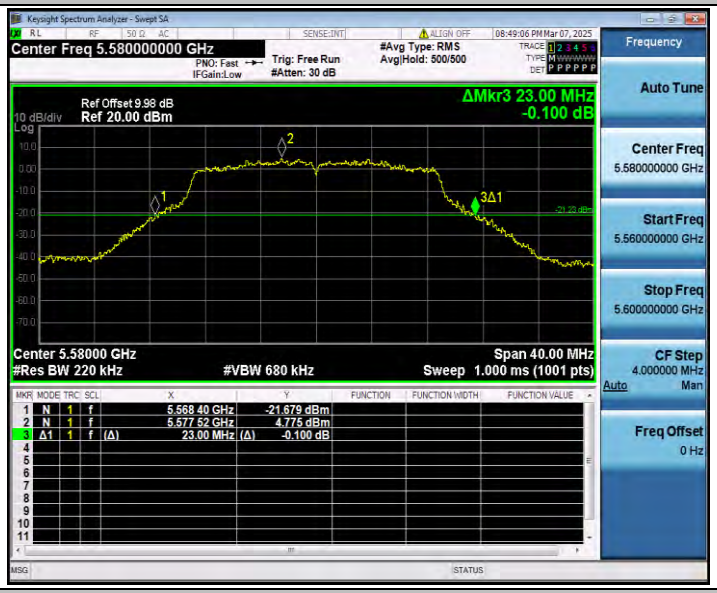
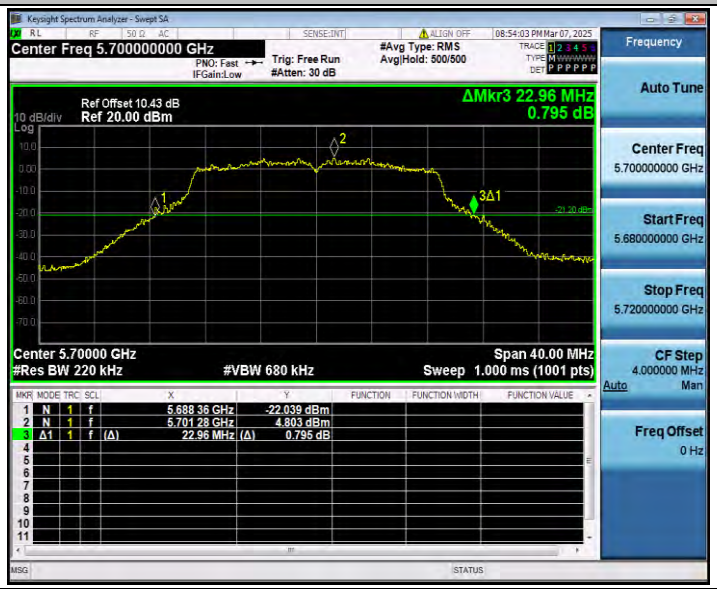
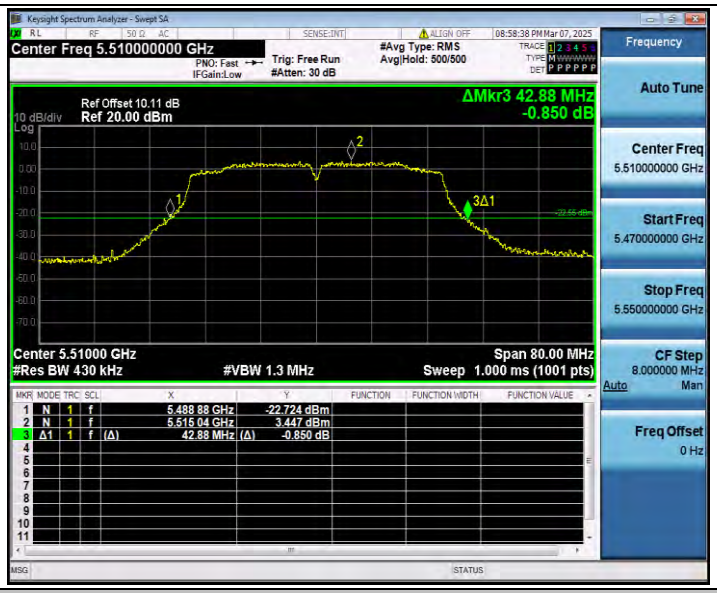
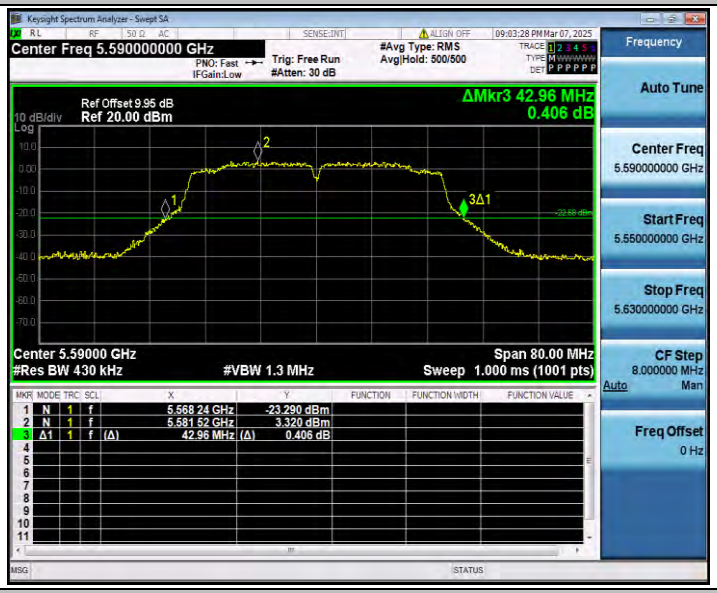
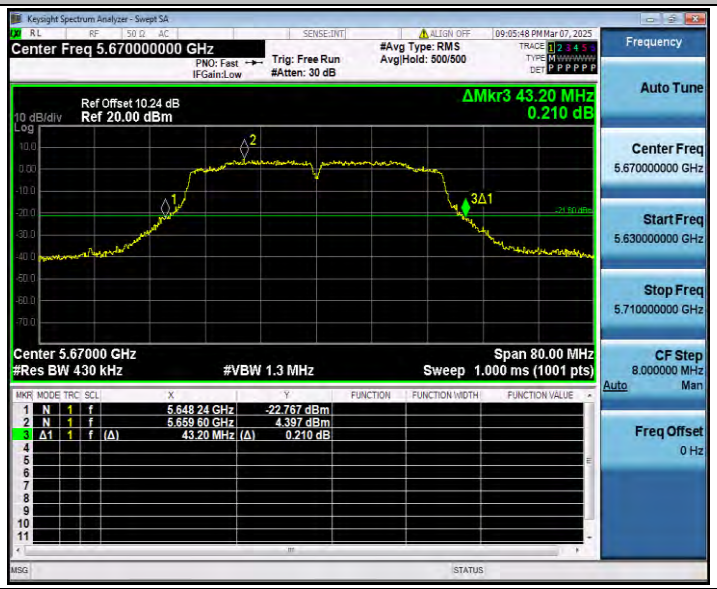

11AC20SISO_Ant0_5700

11AC40SISO_Ant0_5510

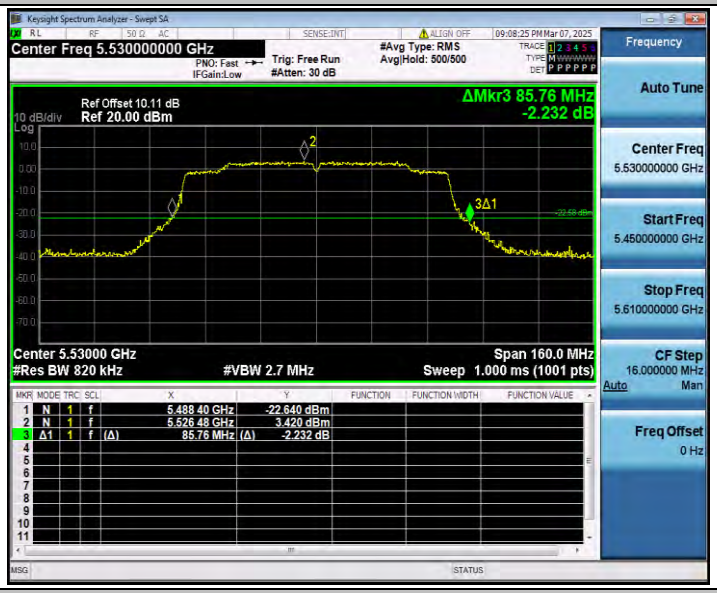
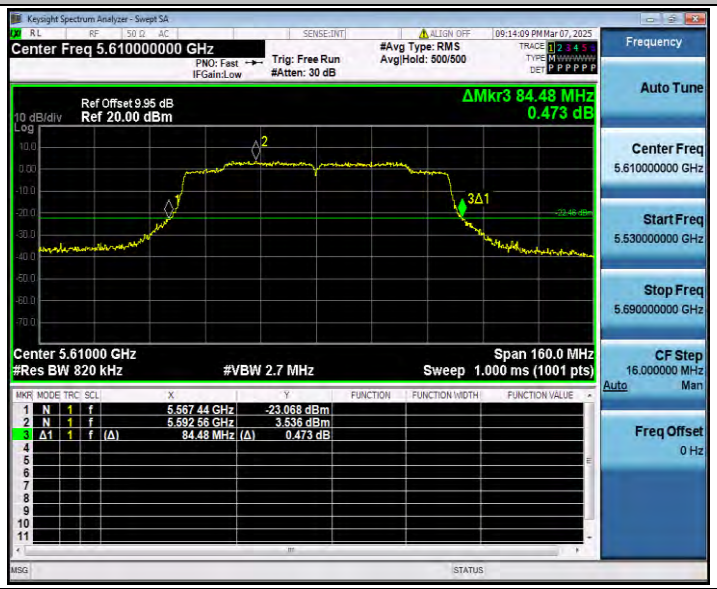


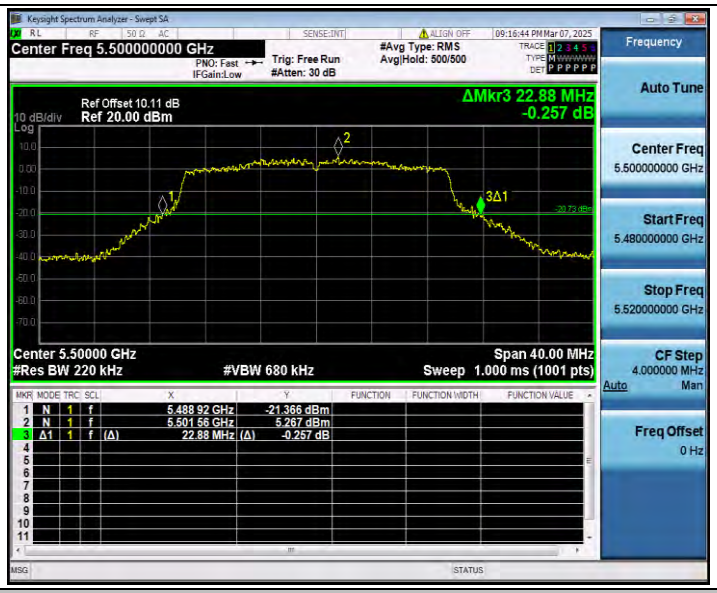
11AC40SISO_Ant0_5590



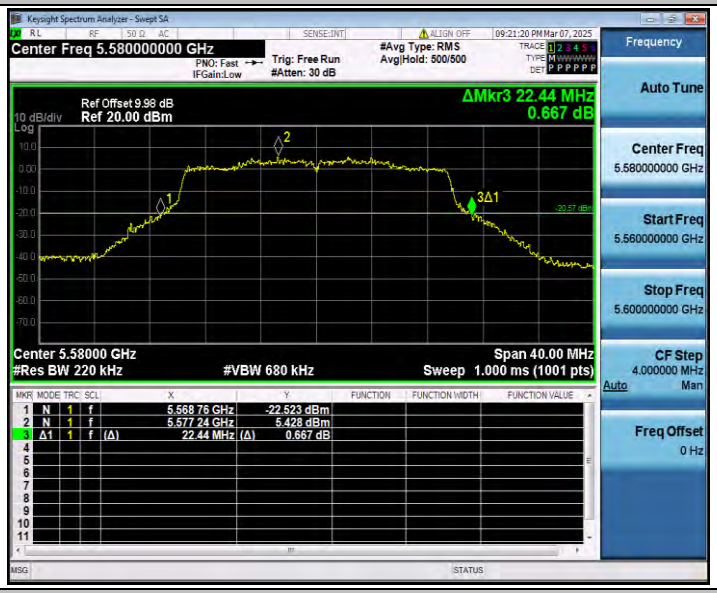
11AC40SISO_Ant0_5670



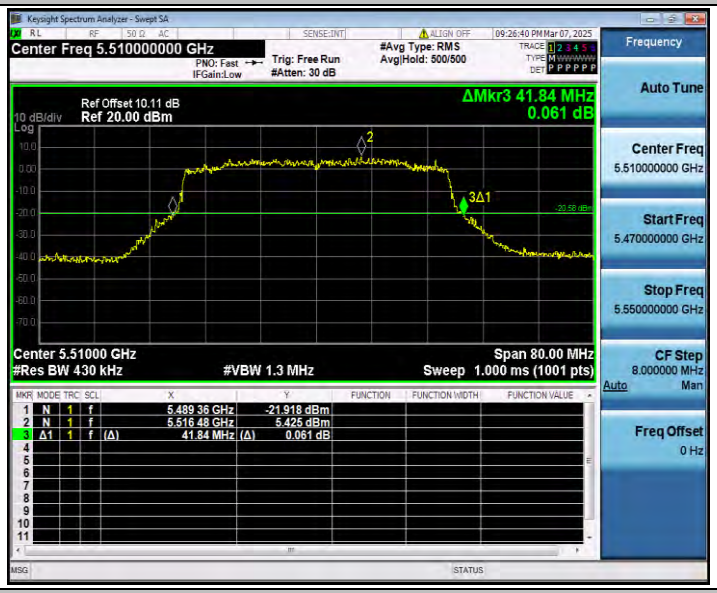
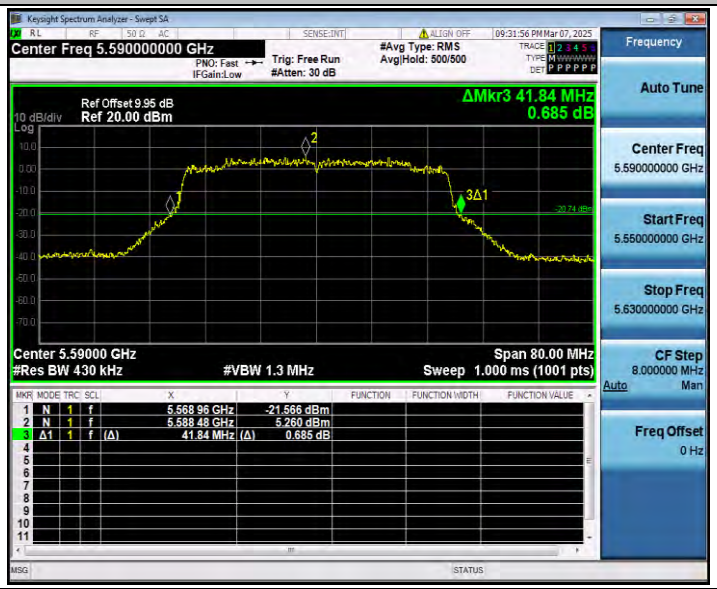
11AC80SISO_Ant0_5530

11AC80SISO_Ant0_5610

11AX20SISO_Ant0_5500

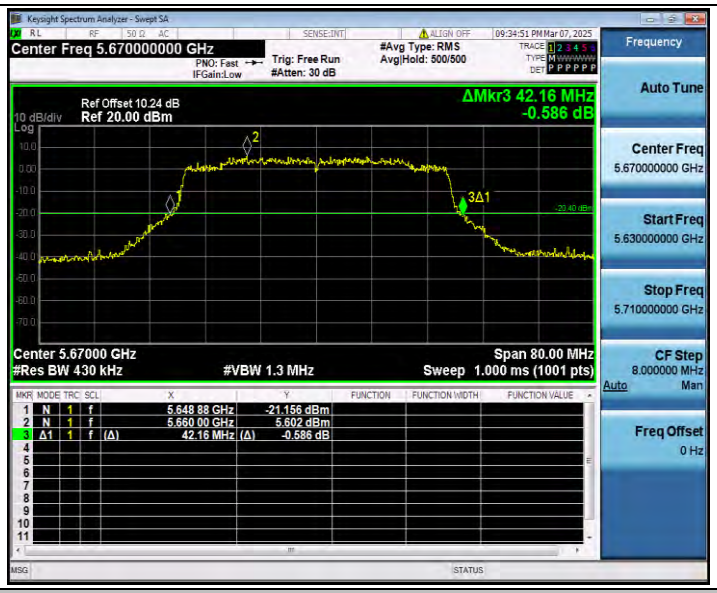


11AX20SISO_Ant0_5580



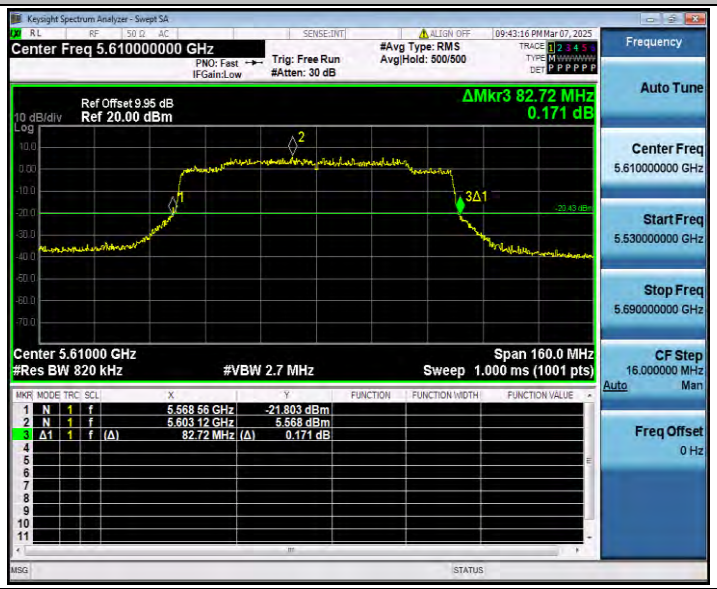
11AX20SISO_Ant0_5700

11AX40SISO_Ant0_5510

11AX40SISO_Ant0_5590

11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530

11AX80SISO_Ant0_5610



Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	16.989	5491.5653	5508.5543	---	---
		5580	16.973	5571.4893	5588.4623	---	---
		5700	16.995	5691.4583	5708.4533	---	---
11N20SISO	Ant0	5500	18.033	5491.0825	5509.1155	---	---
		5580	17.991	5571.0119	5589.0029	---	---
		5700	18.057	5690.9316	5708.9886	---	---
11N40SISO	Ant0	5510	36.223	5491.9442	5528.1672	---	---
		5590	36.205	5571.8728	5608.0778	---	---
		5670	36.188	5651.9225	5688.1105	---	---
11AC20SISO	Ant0	5500	18.041	5491.0389	5509.0799	---	---
		5580	18.056	5570.9745	5589.0305	---	---
		5700	18.008	5690.9815	5708.9895	---	---
11AC40SISO	Ant0	5510	36.193	5491.9654	5528.1584	---	---
		5590	36.103	5571.9039	5608.0069	---	---
		5670	36.188	5651.8843	5688.0723	---	---
11AC80SISO	Ant0	5530	74.991	5492.5952	5567.5862	---	---
		5610	75.264	5572.3805	5647.6445	---	---
11AX20SISO	Ant0	5500	19.022	5490.5298	5509.5518	---	---
		5580	18.997	5570.4945	5589.4915	---	---
		5700	18.987	5690.4784	5709.4654	---	---
11AX40SISO	Ant0	5510	37.499	5491.2930	5528.7920	---	---
		5590	37.640	5571.1561	5608.7961	---	---
		5670	37.726	5651.1079	5688.8339	---	---
11AX80SISO	Ant0	5530	76.563	5491.7811	5568.3441	---	---
		5610	76.838	5571.5745	5648.4125	---	---

Test Graphs

11A_Ant0_5500

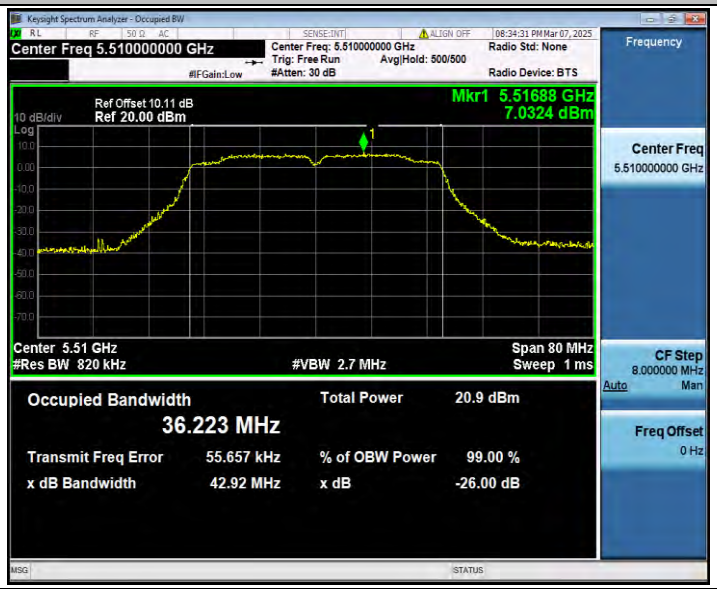
11A_Ant0_5580

11A_Ant0_5700

11N20SISO_Ant0_5500

11N20SISO_Ant0_5580

11N20SISO_Ant0_5700

11N40SISO_Ant0_5510

11N40SISO_Ant0_5590

11N40SISO_Ant0_5670

11AC20SISO_Ant0_5500

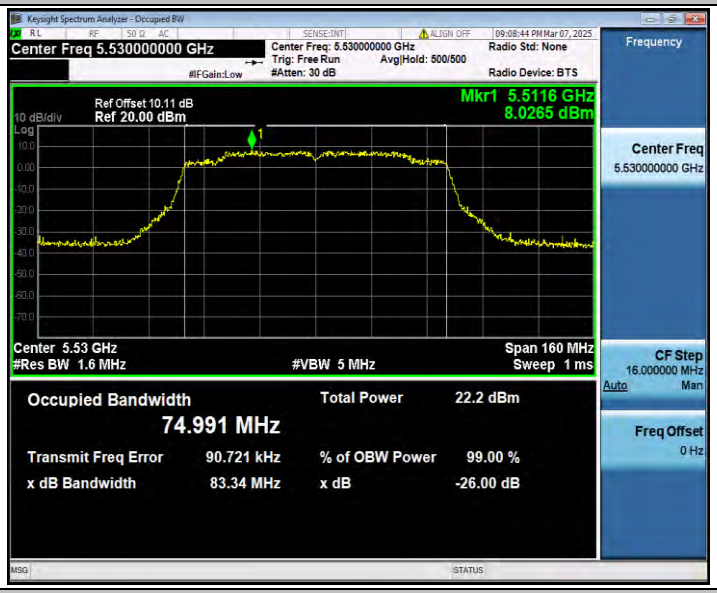
11AC20SISO_Ant0_5580

11AC20SISO_Ant0_5700

11AC40SISO_Ant0_5510

11AC40SISO_Ant0_5590

11AC40SISO_Ant0_5670

11AC80SISO_Ant0_5530

11AC80SISO_Ant0_5610

11AX20SISO_Ant0_5500

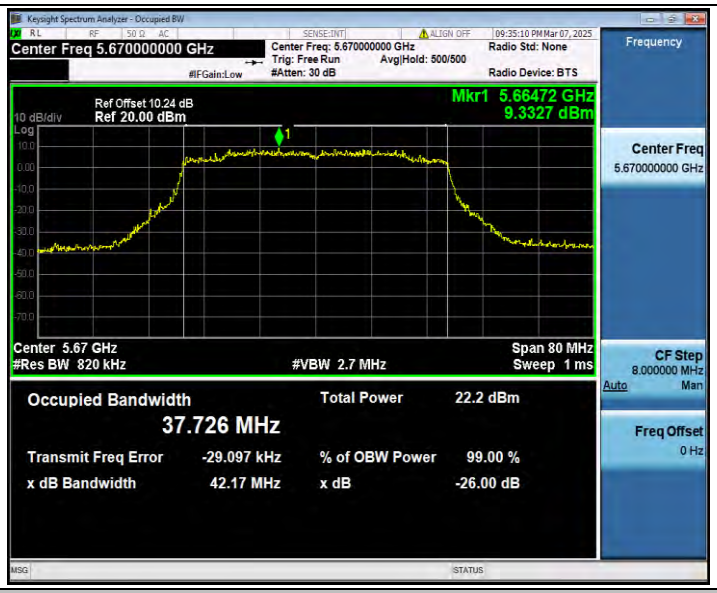
11AX20SISO_Ant0_5580

11AX20SISO_Ant0_5700

11AX40SISO_Ant0_5510

11AX40SISO_Ant0_5590

11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530

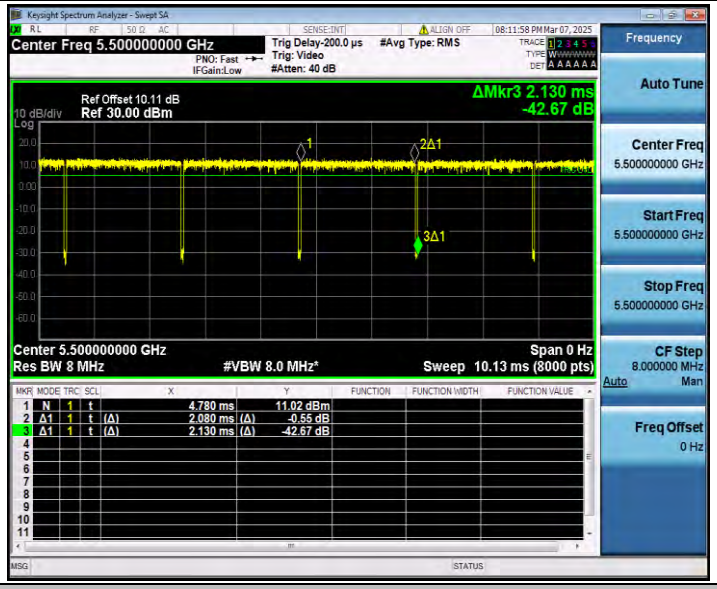
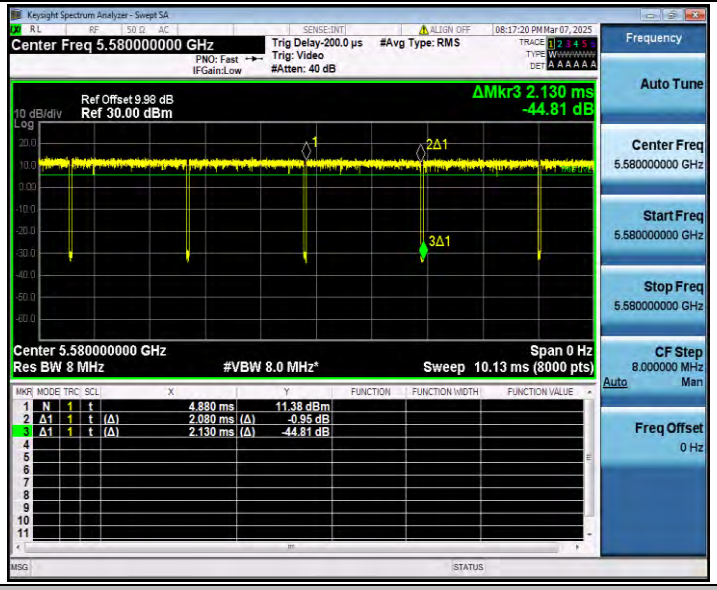
11AX80SISO_Ant0_5610

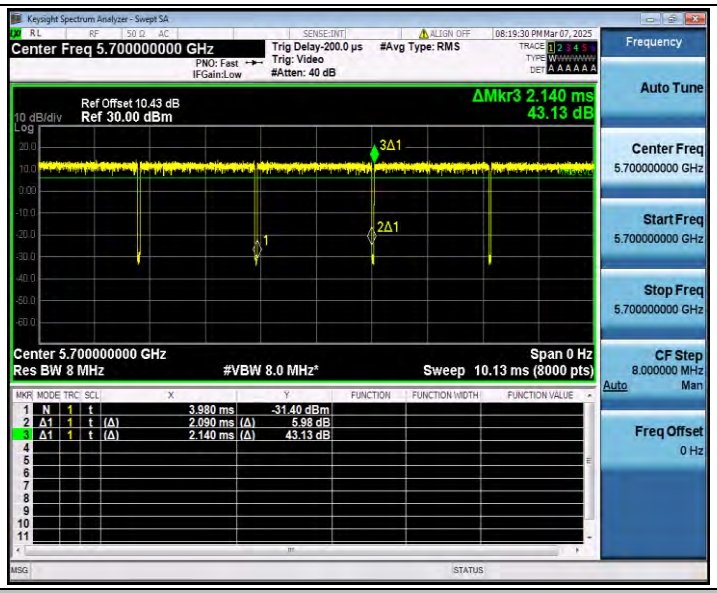
Appendix F.3: Duty Cycle

Test Result

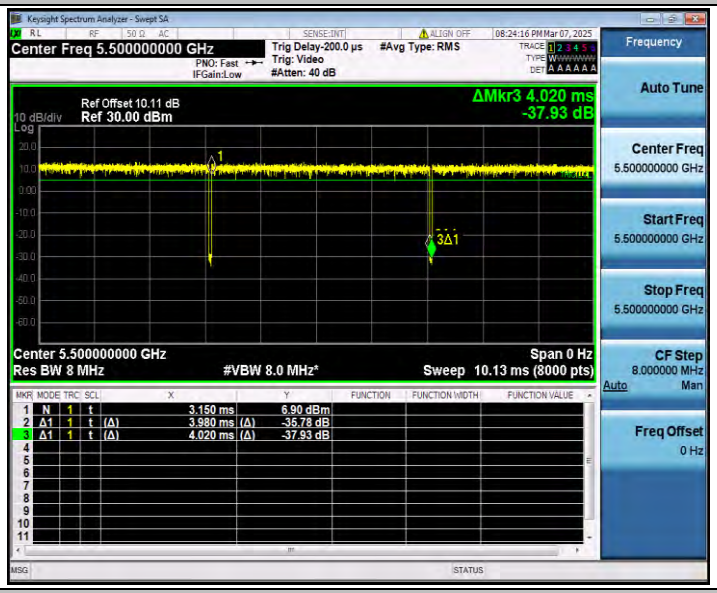
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5500	2.08	2.13	97.65	0.10	0.48
		5580	2.08	2.13	97.65	0.10	0.48
		5700	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant0	5500	3.98	4.02	99.00	0.04	0.25
		5580	3.97	4.02	98.76	0.05	0.25
		5700	3.98	4.02	99.00	0.04	0.25
11N40SISO	Ant0	5510	3.97	4.02	98.76	0.05	0.25
		5590	3.97	4.02	98.76	0.05	0.25
		5670	3.97	4.01	99.00	0.04	0.25
11AC20SISO	Ant0	5500	3.94	3.99	98.75	0.05	0.25
		5580	3.95	4.00	98.75	0.05	0.25
		5700	3.94	3.99	98.75	0.05	0.25
11AC40SISO	Ant0	5510	3.96	4.01	98.75	0.05	0.25
		5590	3.96	4.01	98.75	0.05	0.25
		5670	3.96	4.01	98.75	0.05	0.25
11AC80SISO	Ant0	5530	3.97	4.02	98.76	0.05	0.25
		5610	3.97	4.02	98.76	0.05	0.25
11AX20SISO	Ant0	5500	3.98	4.03	98.76	0.05	0.25
		5580	3.98	4.03	98.76	0.05	0.25
		5700	3.98	4.03	98.76	0.05	0.25
11AX40SISO	Ant0	5510	3.98	4.03	98.76	0.05	0.25
		5590	3.98	4.03	98.76	0.05	0.25
		5670	3.98	4.03	98.76	0.05	0.25
11AX80SISO	Ant0	5530	3.98	4.03	98.76	0.05	0.25
		5610	3.98	4.03	98.76	0.05	0.25

Test Graphs

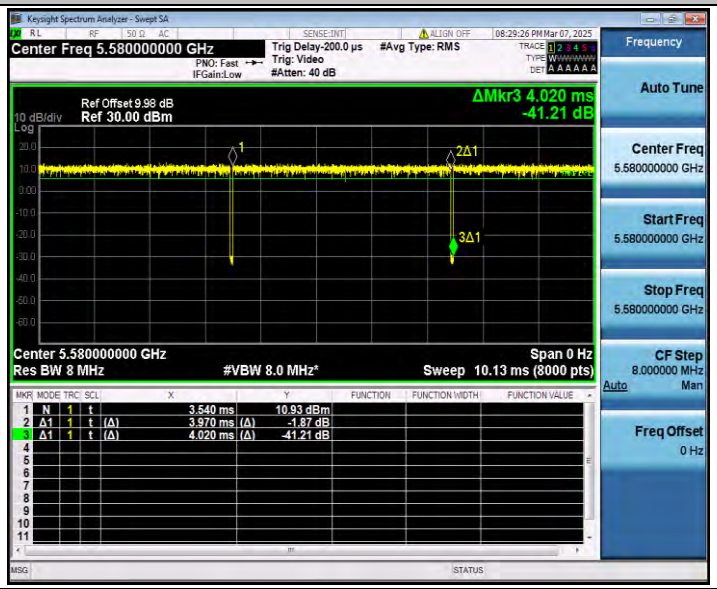
11A_Ant0_5500

11A_Ant0_5580

11A_Ant0_5700

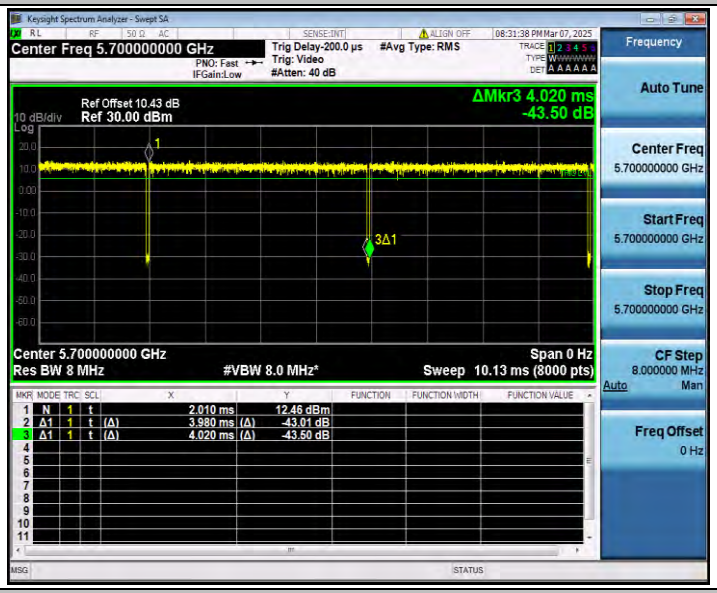
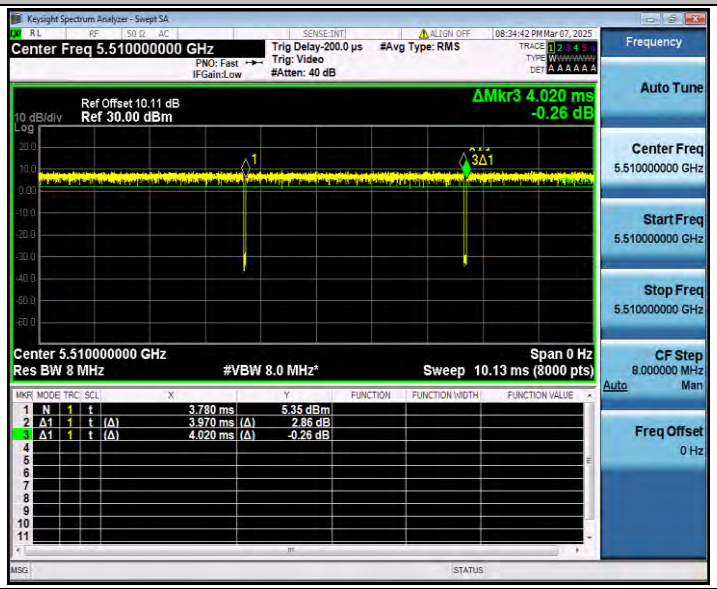


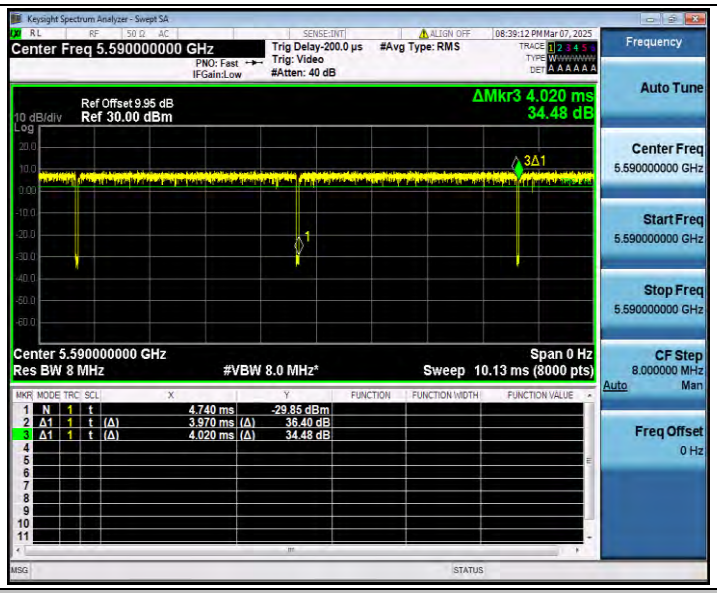
11N20SISO_Ant0_5500



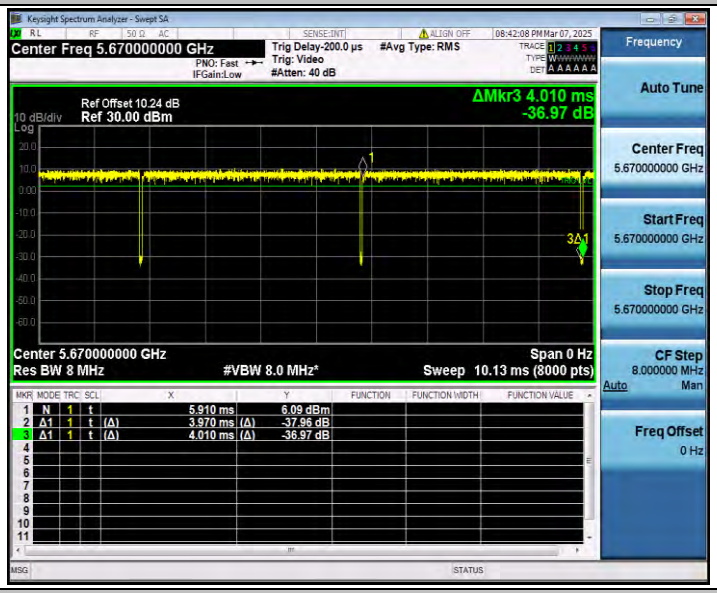
11N20SISO_Ant0_5580



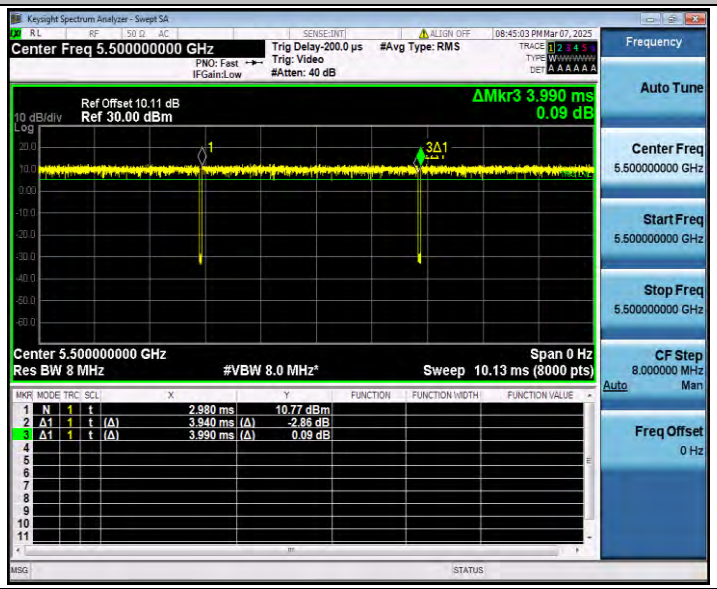
11N20SISO_Ant0_5700

11N40SISO_Ant0_5510

11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



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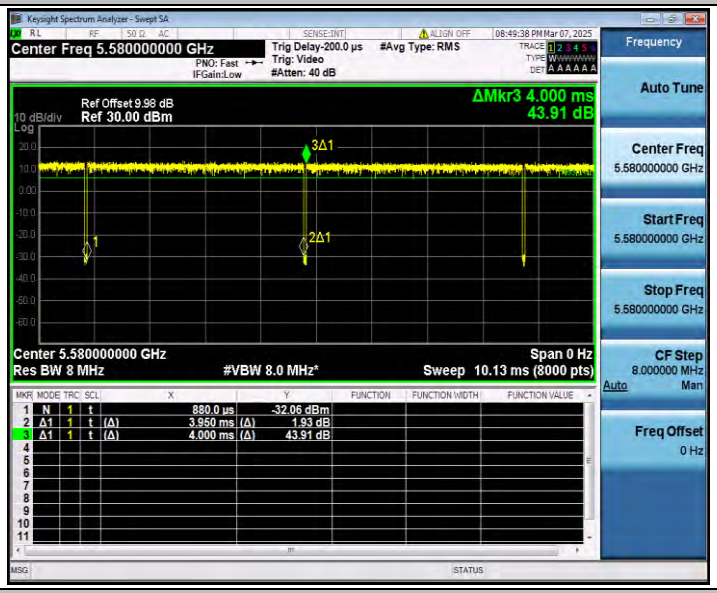
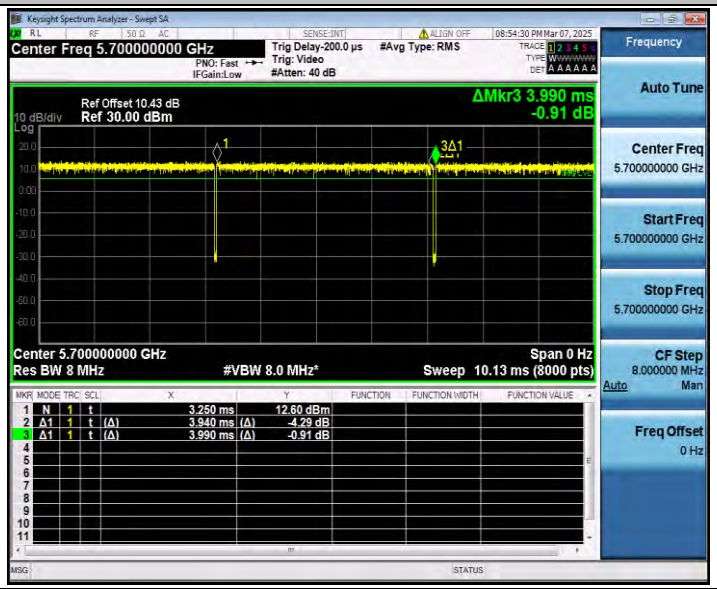

11AC20SISO_Ant0_5700

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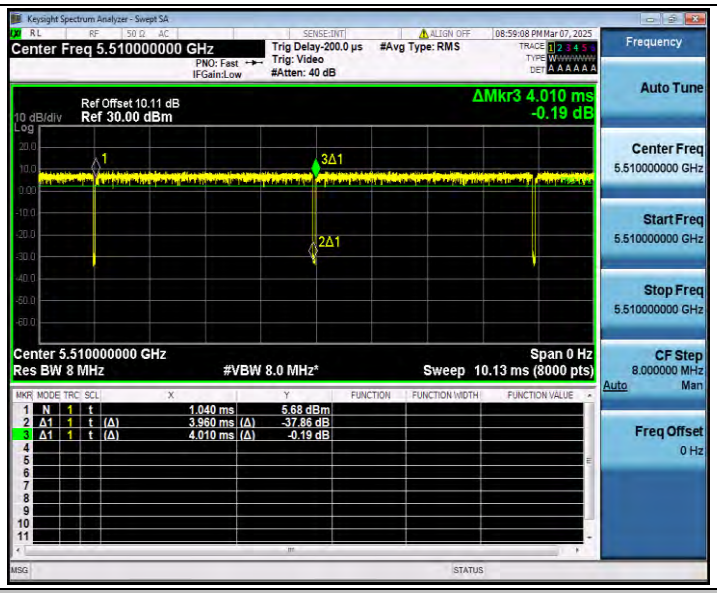
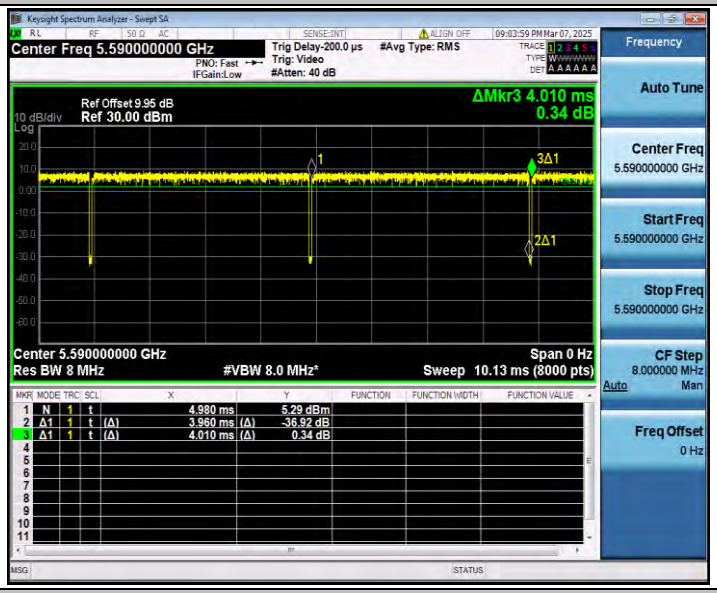
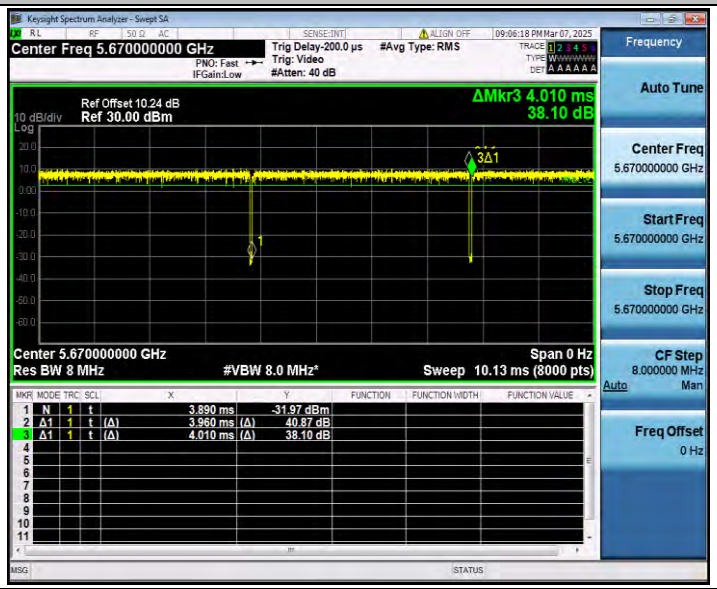


11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



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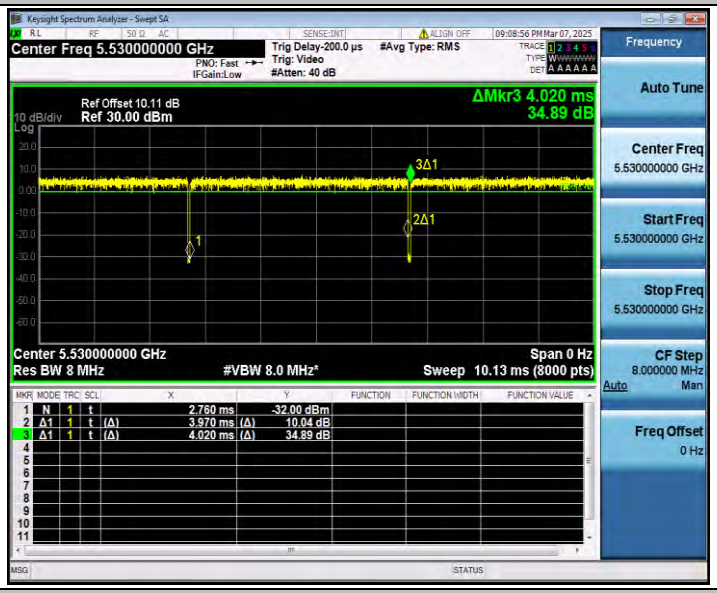
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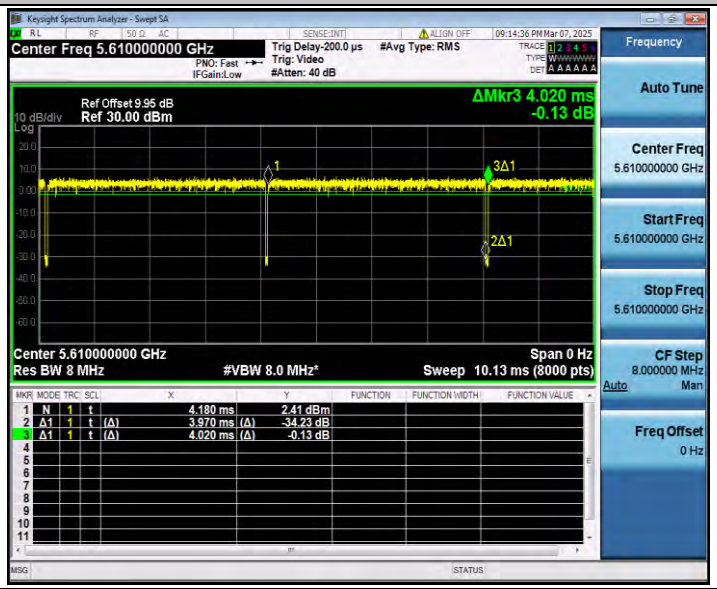
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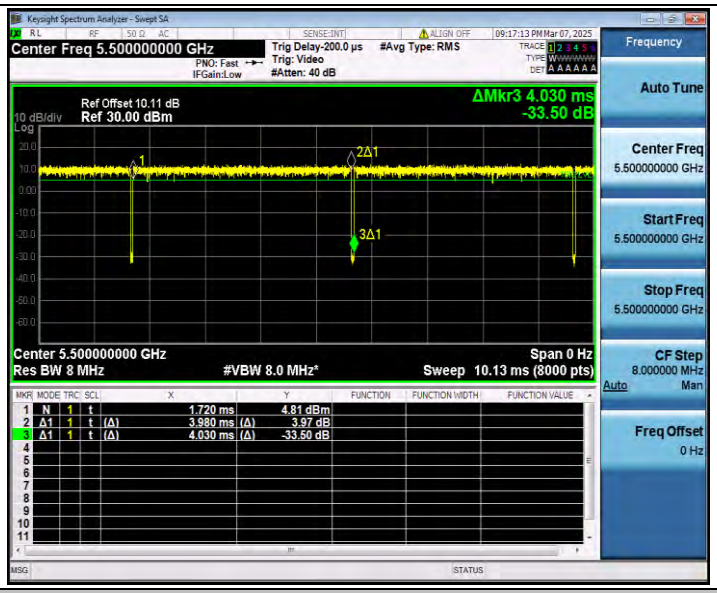

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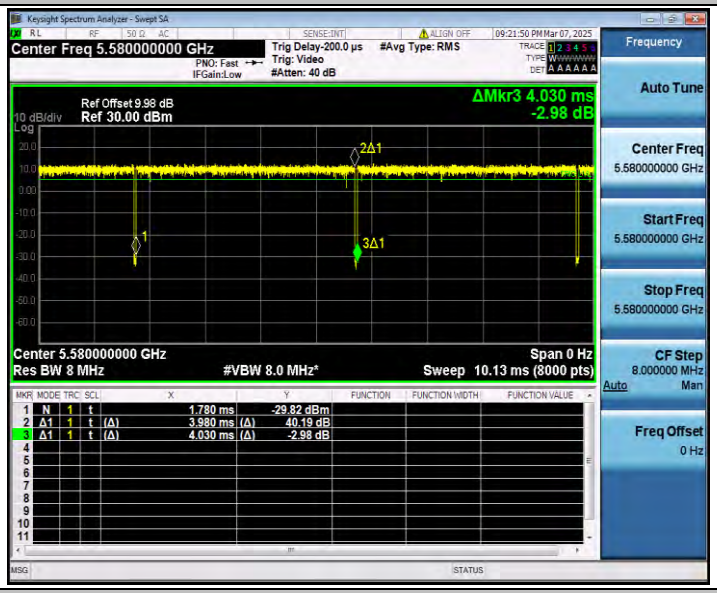

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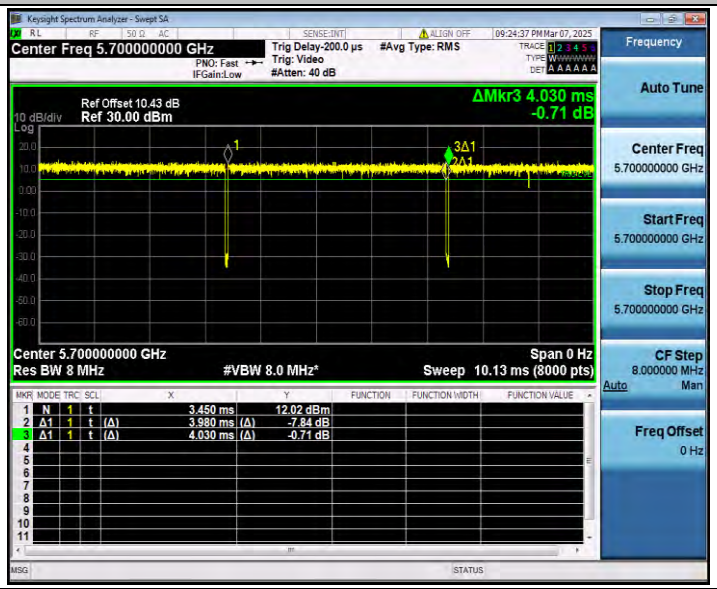

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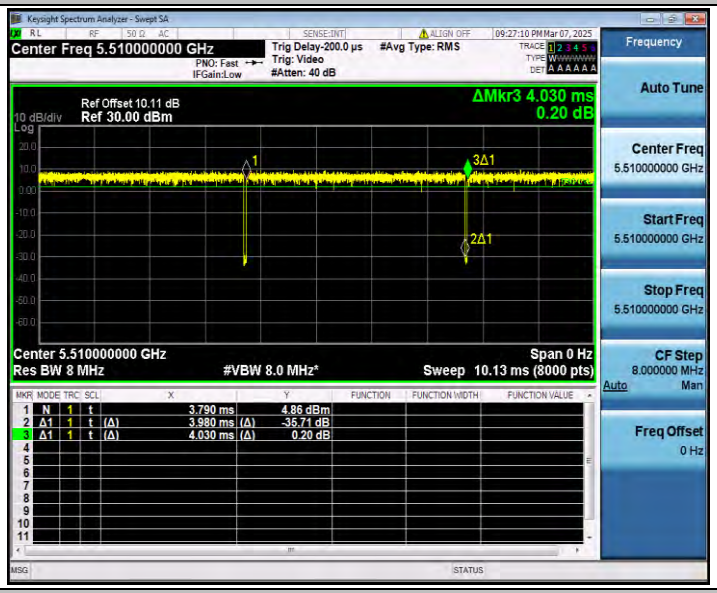
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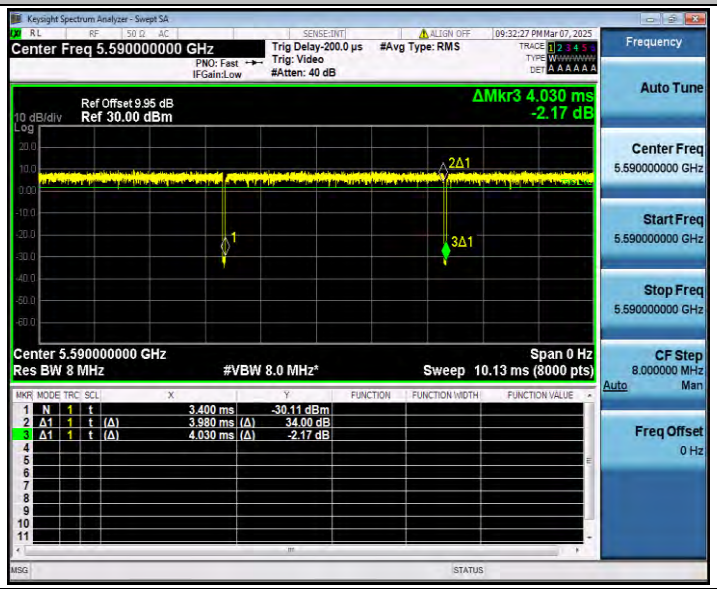
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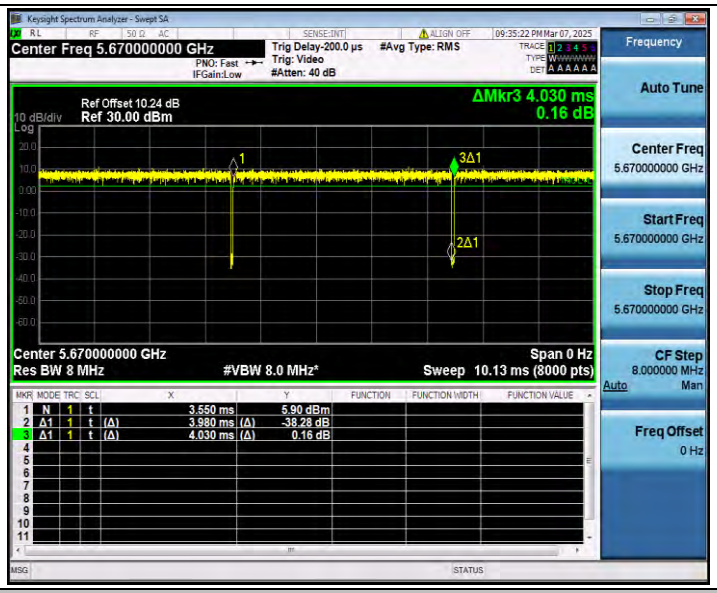

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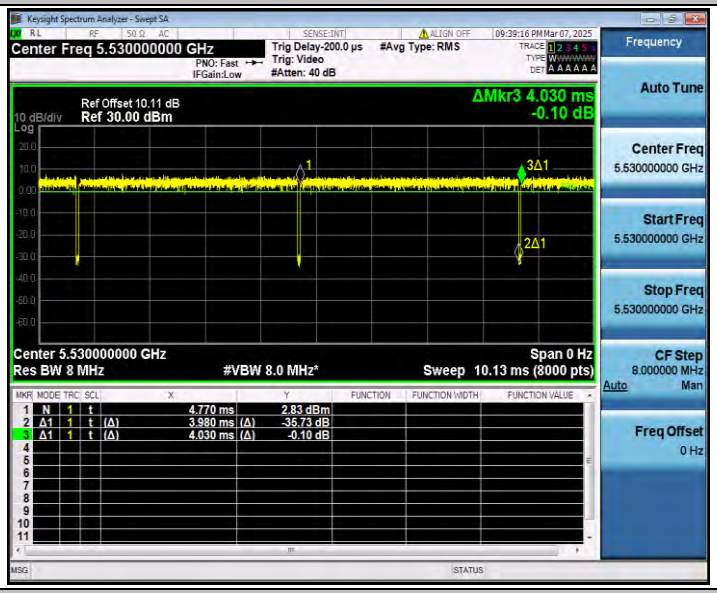

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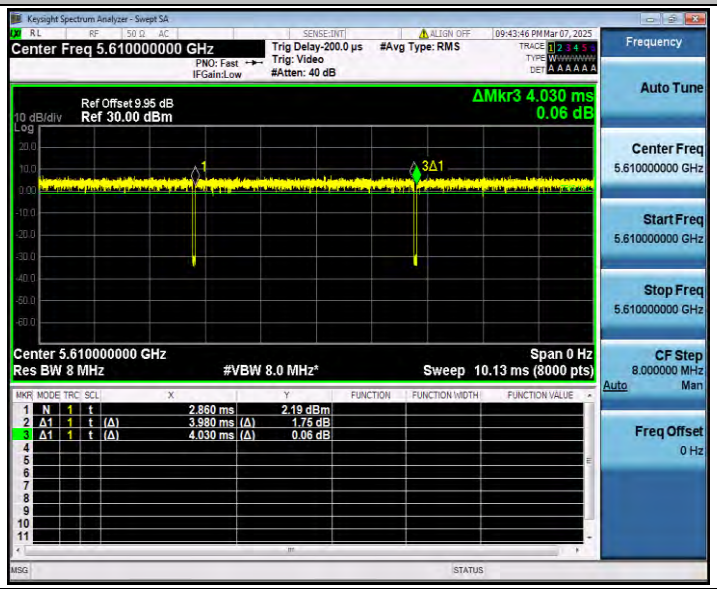


Appendix F.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	13.02	97.65	0.10	13.12	≤23.98	PASS
		5580	13.51	97.65	0.10	13.61	≤23.98	PASS
		5700	13.84	97.66	0.10	13.94	≤23.98	PASS
11N20SISO	Ant0	5500	13.06	99.00	0.04	13.10	≤23.98	PASS
		5580	13.47	98.76	0.05	13.52	≤23.98	PASS
		5700	13.78	99.00	0.04	13.82	≤23.98	PASS
11N40SISO	Ant0	5510	13.23	98.76	0.05	13.28	≤23.98	PASS
		5590	13.35	98.76	0.05	13.40	≤23.98	PASS
		5670	14.00	99.00	0.04	14.04	≤23.98	PASS
11AC20SISO	Ant0	5500	13.23	98.75	0.05	13.28	≤23.98	PASS
		5580	13.59	98.75	0.05	13.64	≤23.98	PASS
		5700	13.72	98.75	0.05	13.77	≤23.98	PASS
11AC40SISO	Ant0	5510	13.11	98.75	0.05	13.16	≤23.98	PASS
		5590	13.23	98.75	0.05	13.28	≤23.98	PASS
		5670	13.94	98.75	0.05	13.99	≤23.98	PASS
11AC80SISO	Ant0	5530	13.09	98.76	0.05	13.14	≤23.98	PASS
		5610	12.89	98.76	0.05	12.94	≤23.98	PASS
11AX20SISO	Ant0	5500	12.94	98.76	0.05	12.99	≤23.98	PASS
		5580	13.18	98.76	0.05	13.23	≤23.98	PASS
		5700	13.44	98.76	0.05	13.49	≤23.98	PASS
11AX40SISO	Ant0	5510	12.87	98.76	0.05	12.92	≤23.98	PASS
		5590	12.89	98.76	0.05	12.94	≤23.98	PASS
		5670	13.64	98.76	0.05	13.69	≤23.98	PASS
11AX80SISO	Ant0	5530	12.77	98.76	0.05	12.82	≤23.98	PASS
		5610	12.63	98.76	0.05	12.68	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	2.10	≤11.00	PASS
		5580	2.47	≤11.00	PASS
		5700	2.84	≤11.00	PASS
11N20SISO	Ant0	5500	1.87	≤11.00	PASS
		5580	2.12	≤11.00	PASS
		5700	2.45	≤11.00	PASS
11N40SISO	Ant0	5510	-0.94	≤11.00	PASS
		5590	-0.85	≤11.00	PASS
		5670	-0.38	≤11.00	PASS
11AC20SISO	Ant0	5500	1.94	≤11.00	PASS
		5580	2.18	≤11.00	PASS
		5700	2.50	≤11.00	PASS
11AC40SISO	Ant0	5510	-1.07	≤11.00	PASS
		5590	-1.02	≤11.00	PASS
		5670	-0.49	≤11.00	PASS
11AC80SISO	Ant0	5530	-3.60	≤11.00	PASS
		5610	-3.86	≤11.00	PASS
11AX20SISO	Ant0	5500	1.46	≤11.00	PASS
		5580	1.67	≤11.00	PASS
		5700	2.09	≤11.00	PASS
11AX40SISO	Ant0	5510	-1.54	≤11.00	PASS
		5590	-1.54	≤11.00	PASS
		5670	-0.96	≤11.00	PASS
11AX80SISO	Ant0	5530	-4.07	≤11.00	PASS
		5610	-4.20	≤11.00	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

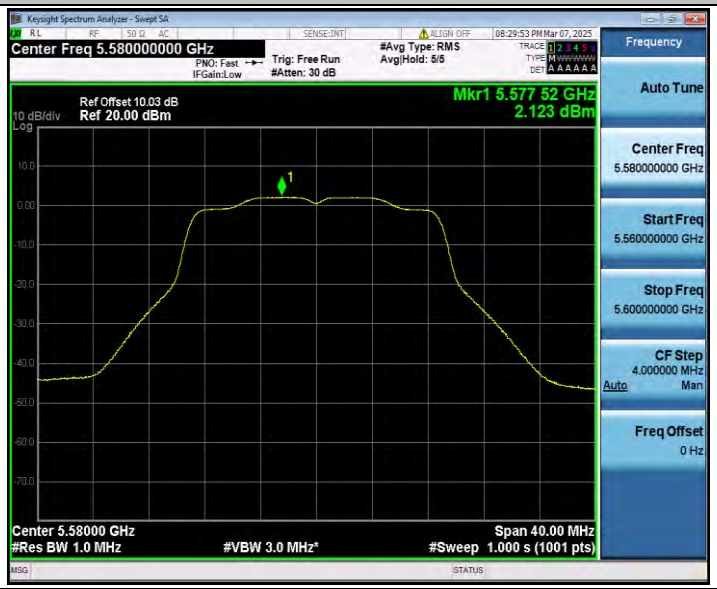
11A_Ant0_5500

11A_Ant0_5580

11A_Ant0_5700

11N20SISO_Ant0_5500

11N20SISO_Ant0_5580



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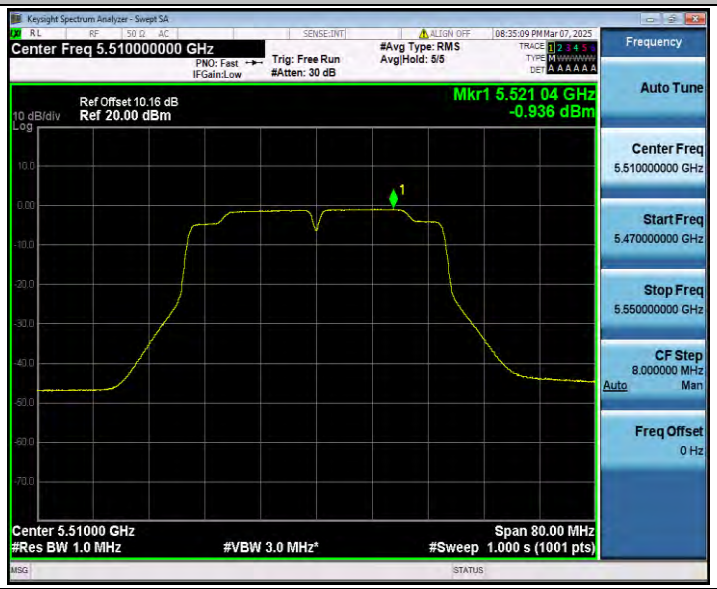
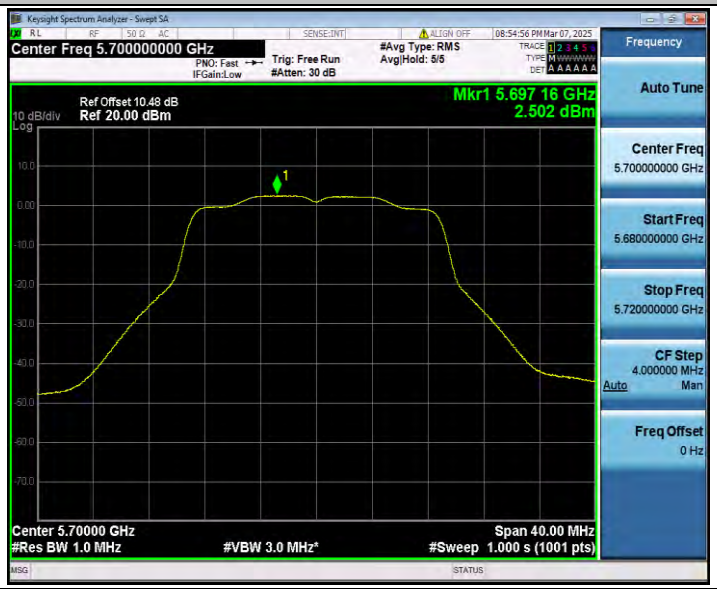
11N40SISO_Ant0_5510

11N40SISO_Ant0_5590

11N40SISO_Ant0_5670

11AC20SISO_Ant0_5500

11AC20SISO_Ant0_5580

11AC20SISO_Ant0_5700

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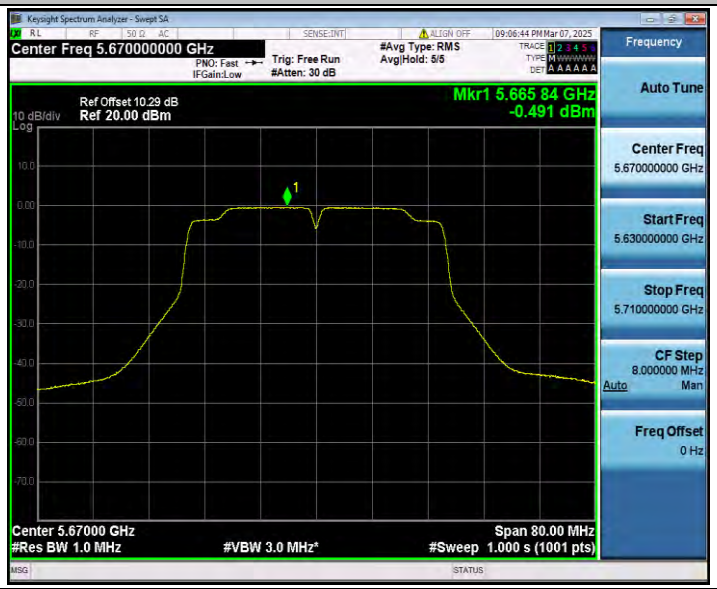
11AC40SISO_Ant0_5590

11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530

11AC80SISO_Ant0_5610

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11AX20SISO_Ant0_5580

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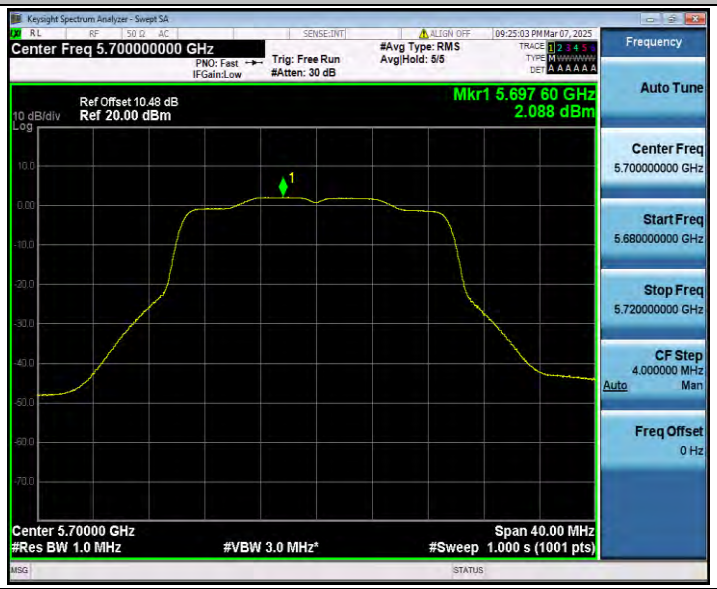

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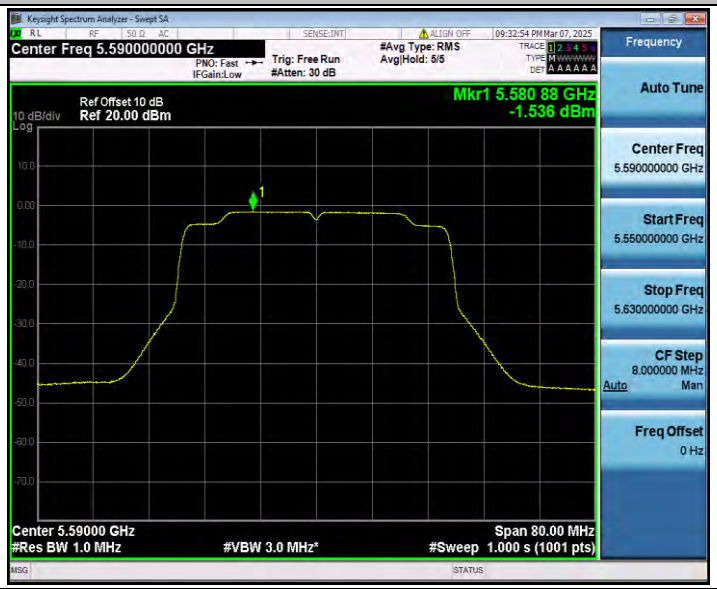
11AX40SISO_Ant0_5670

11AX80SISO_Ant0_5530

11AX80SISO_Ant0_5610