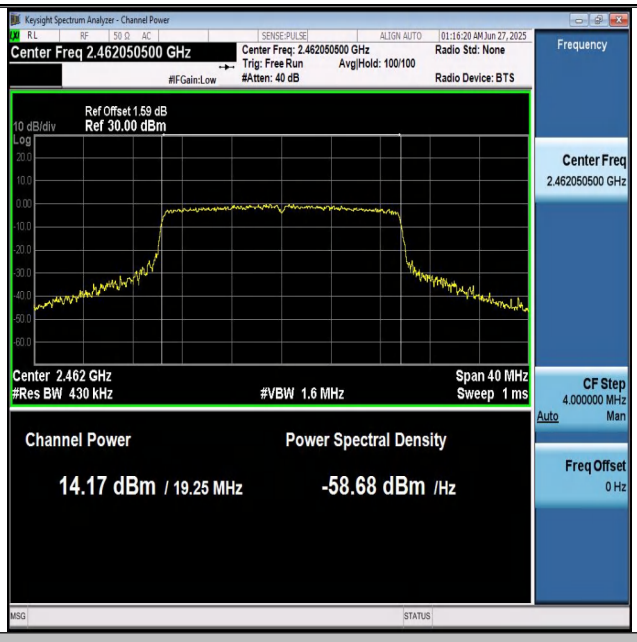
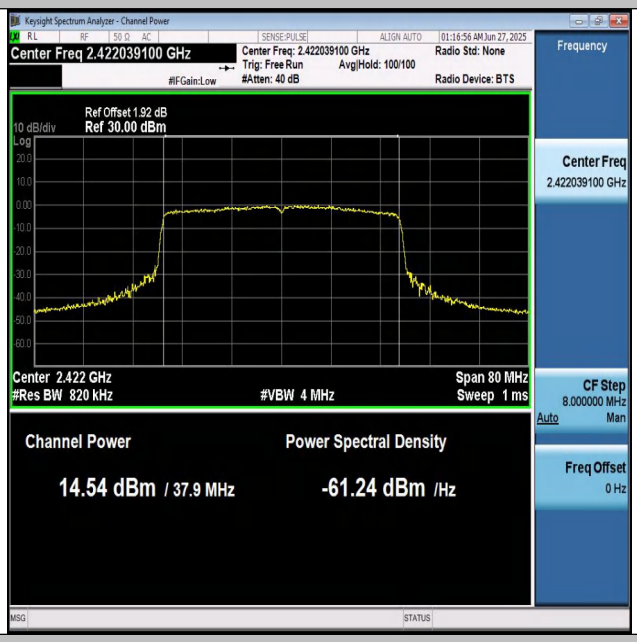
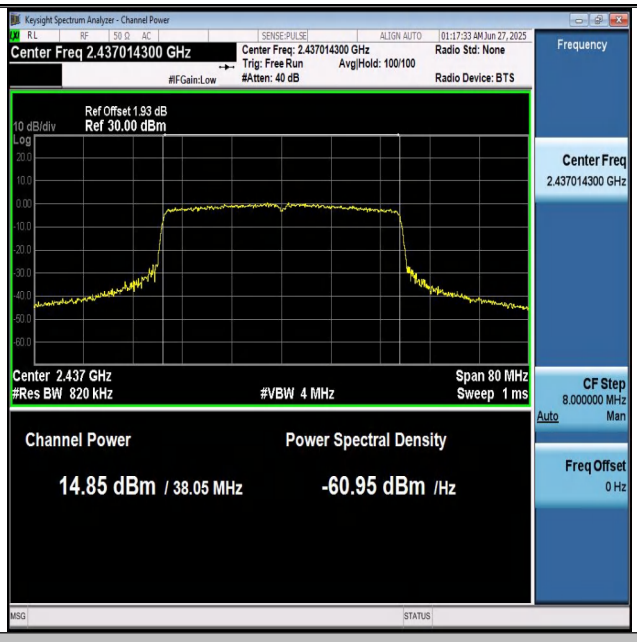


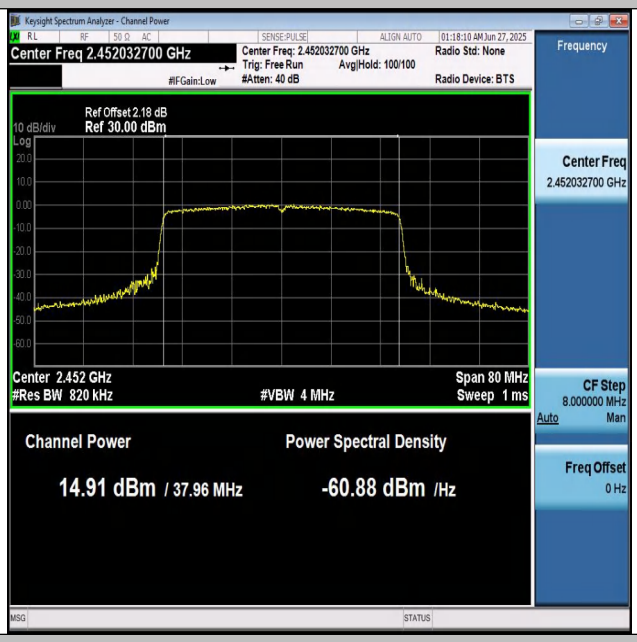
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

Appendix D: Maximum power spectral density

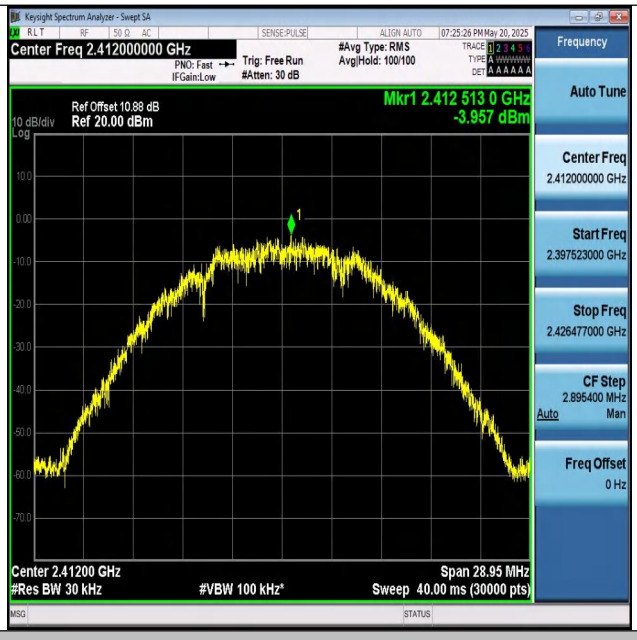
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-3.96	-13.96	≤8.00	PASS
11B	Ant1	2437	-3.66	-13.66	≤8.00	PASS
11B	Ant1	2462	-1.99	-11.99	≤8.00	PASS
11G	Ant1	2412	-7.72	-17.72	≤8.00	PASS
11G	Ant1	2437	-8.78	-18.78	≤8.00	PASS
11G	Ant1	2462	-9.20	-19.2	≤8.00	PASS
11N20SISO	Ant1	2412	-6.22	-16.22	≤8.00	PASS
11N20SISO	Ant1	2437	-8.38	-18.38	≤8.00	PASS
11N20SISO	Ant1	2462	-8.73	-18.73	≤8.00	PASS
11N40SISO	Ant1	2422	-9.63	-19.63	≤8.00	PASS
11N40SISO	Ant1	2437	-6.26	-16.26	≤8.00	PASS
11N40SISO	Ant1	2452	-8.21	-18.21	≤8.00	PASS
11AX20SISO	Ant1	2412	-6.67	-16.67	≤8.00	PASS
11AX20SISO	Ant1	2437	-7.28	-17.28	≤8.00	PASS
11AX20SISO	Ant1	2462	-6.93	-16.93	≤8.00	PASS
11AX40SISO	Ant1	2422	-6.96	-16.96	≤8.00	PASS
11AX40SISO	Ant1	2437	-7.36	-17.36	≤8.00	PASS
11AX40SISO	Ant1	2452	-7.88	-17.88	≤8.00	PASS

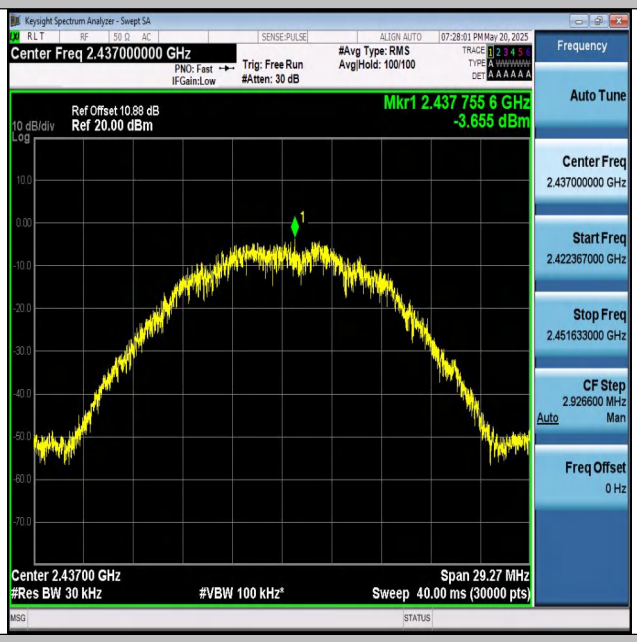
Note：

1. The Duty Cycle Factor(10*log(1/D)) and cable loss are compensated in the graph.
2. PSD(dBm/3kHz)= PSD(dBm/30kHz)- (10*log(30/3))

Test Graphs

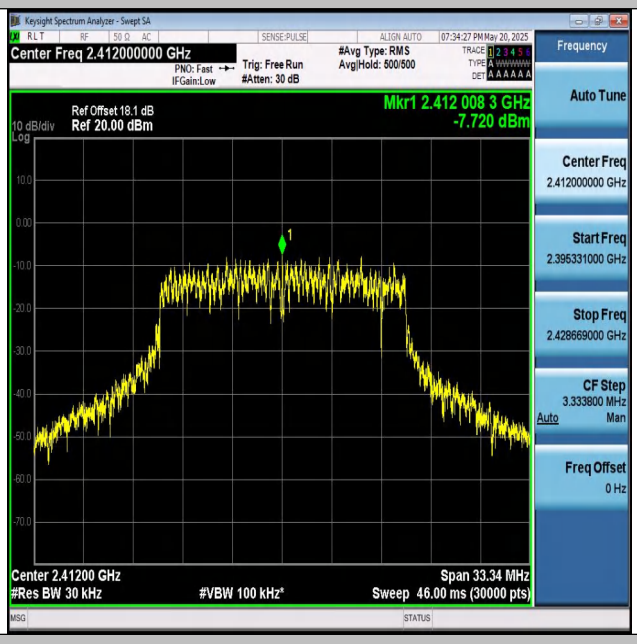


11B-Ant1-2412-PASS

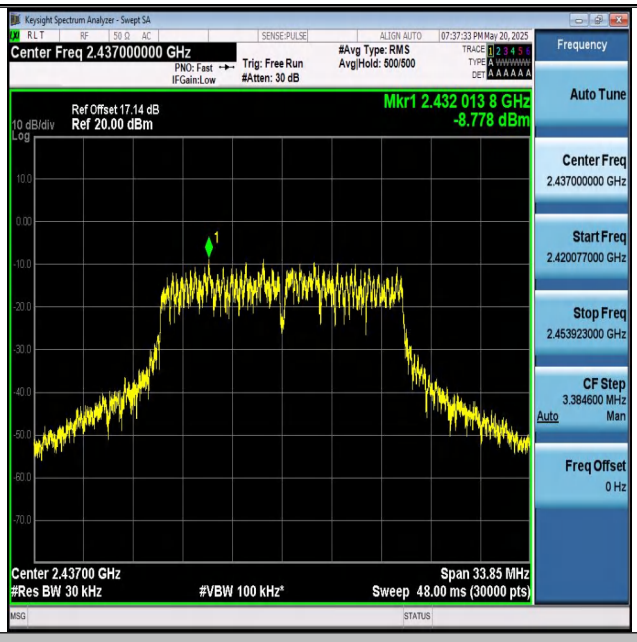


11B-Ant1-2437-PASS

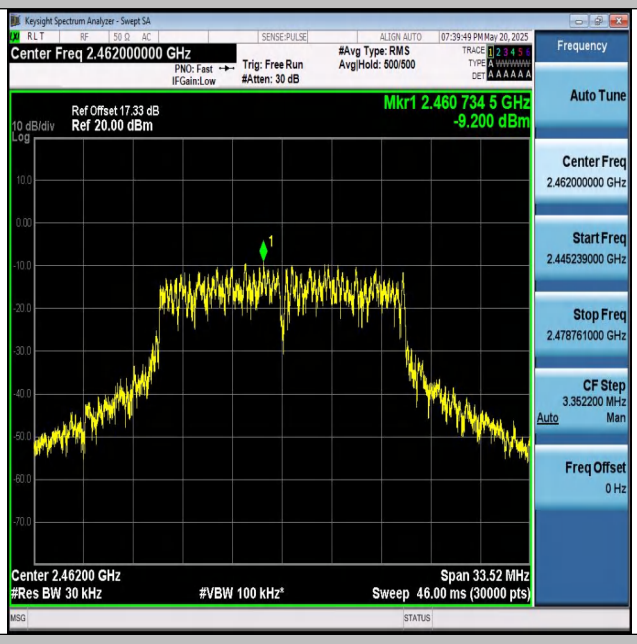
11B-Ant1-2462-PASS



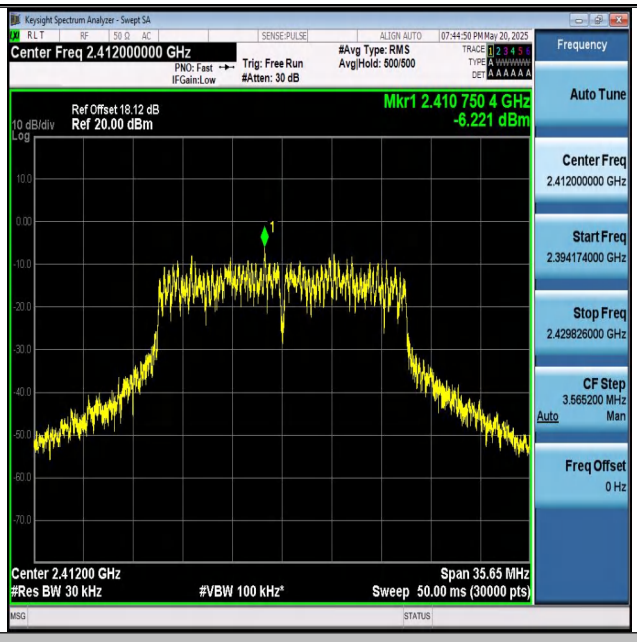
11G-Ant1-2412-PASS



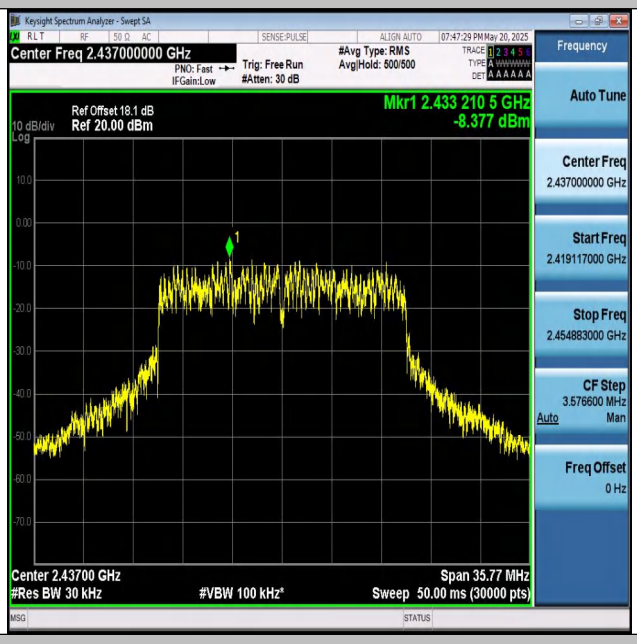
11G-Ant1-2437-PASS



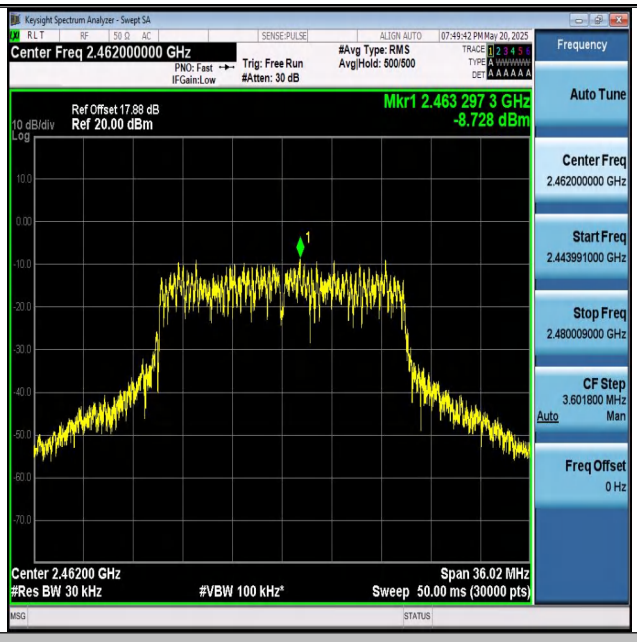
11G-Ant1-2462-PASS



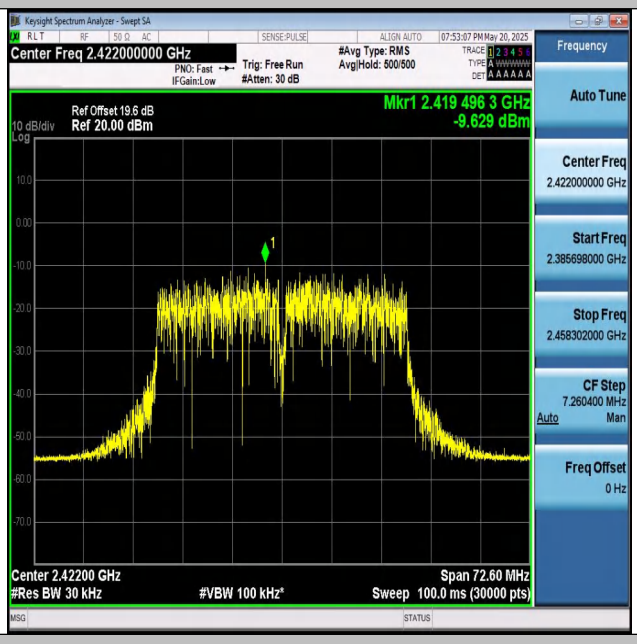
11N20SISO-Ant1-2412-PASS



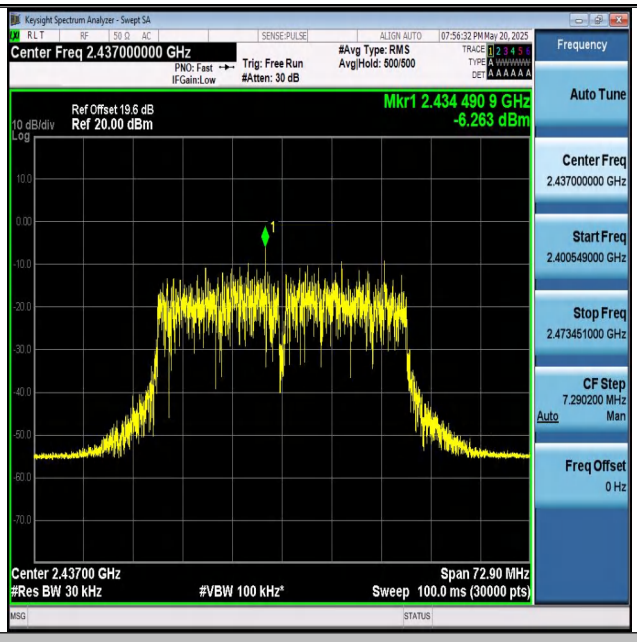
11N20SISO-Ant1-2437-PASS



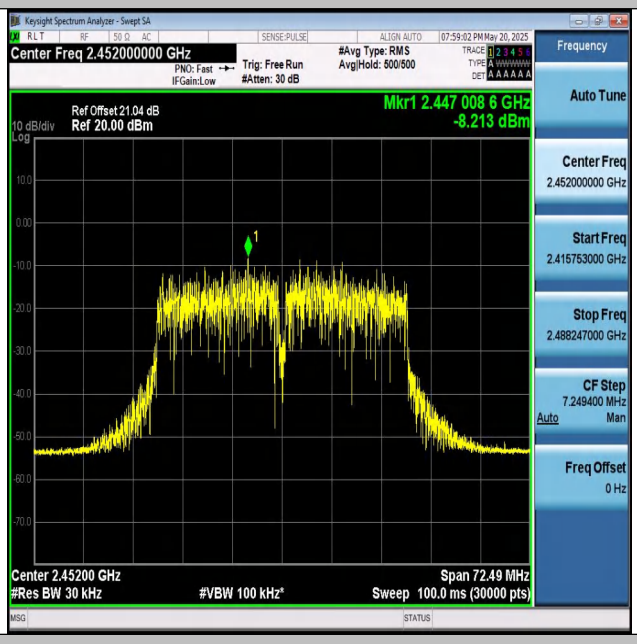
11N20SISO-Ant1-2462-PASS



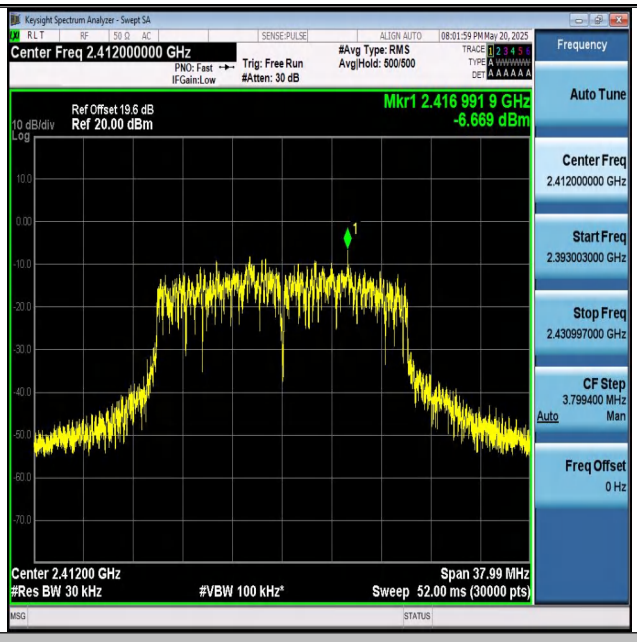
11N40SISO-Ant1-2422-PASS



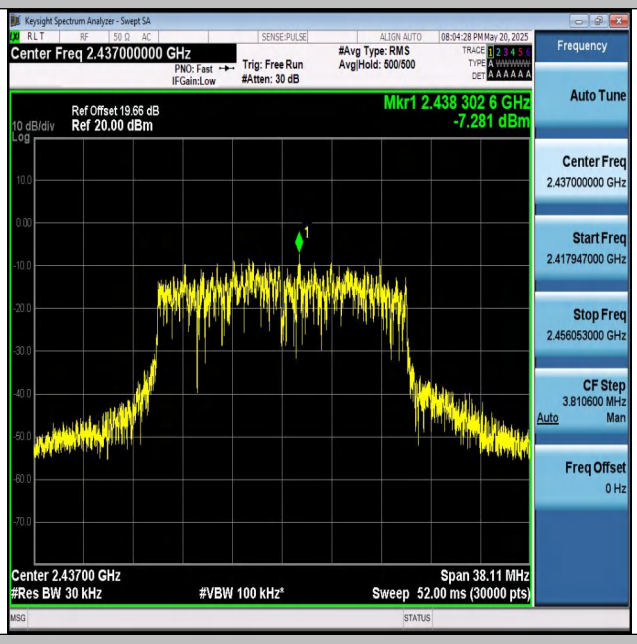
11N40SISO-Ant1-2437-PASS



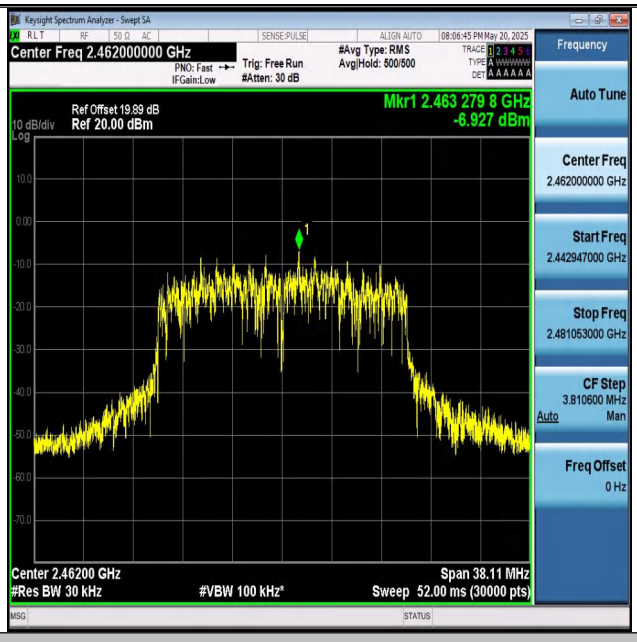
11N40SISO-Ant1-2452-PASS



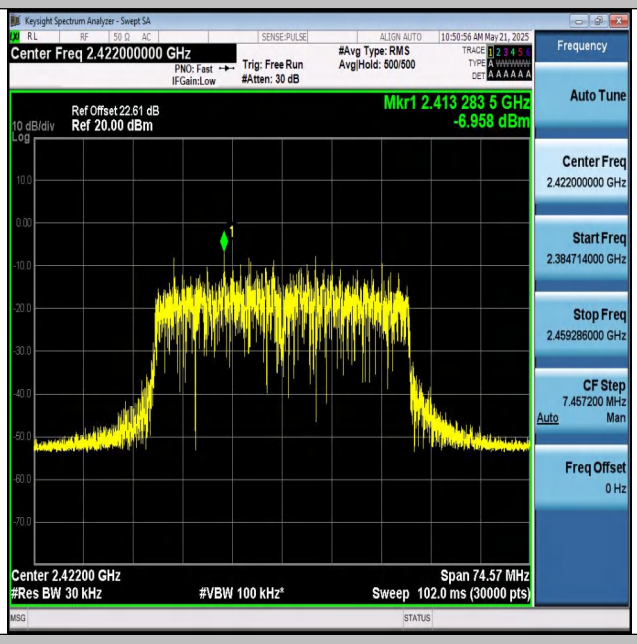
11AX20SISO-Ant1-2412-PASS



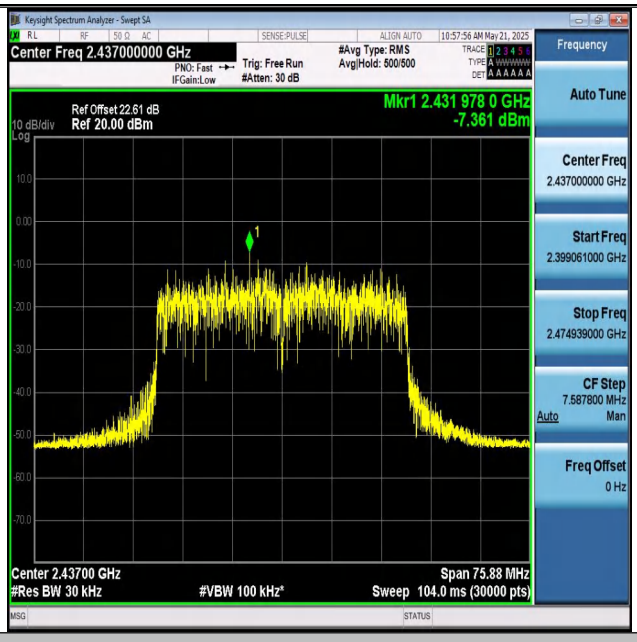
11AX20SISO-Ant1-2437-PASS



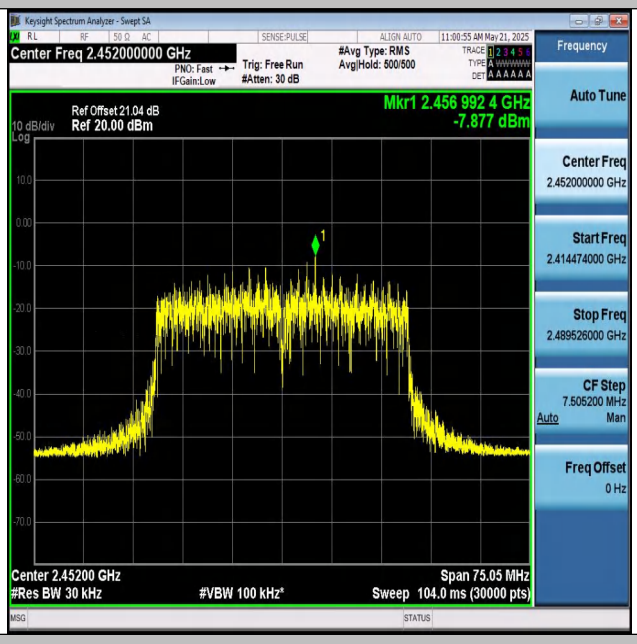
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

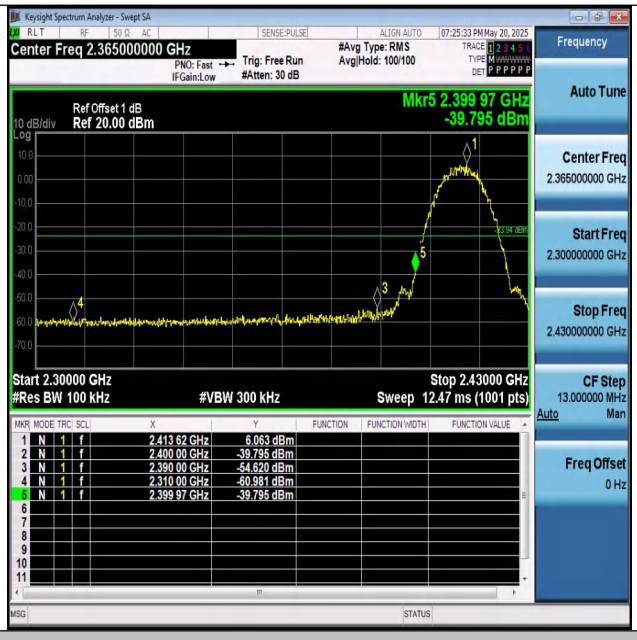
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.06	-39.8	≤-23.94	PASS
11B	Ant1	High	2462	6.84	-52.53	≤-23.16	PASS
11G	Ant1	Low	2412	0.23	-30.16	≤-29.77	PASS
11G	Ant1	High	2462	1.13	-50.51	≤-28.87	PASS
11N20SISO	Ant1	Low	2412	2.59	-30.59	≤-27.41	PASS
11N20SISO	Ant1	High	2462	0.65	-49.4	≤-29.35	PASS
11N40SISO	Ant1	Low	2422	-2.14	-37.22	≤-32.14	PASS
11N40SISO	Ant1	High	2452	-1.32	-49.29	≤-31.32	PASS
11AX20SISO	Ant1	Low	2412	0.65	-30.72	≤-29.36	PASS
11AX20SISO	Ant1	High	2462	0.56	-44.84	≤-29.44	PASS
11AX40SISO	Ant1	Low	2422	-2.40	-34.04	≤-32.4	PASS
11AX40SISO	Ant1	High	2452	-1.76	-42.26	≤-31.76	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs



11B-Ant1-2412-PASS

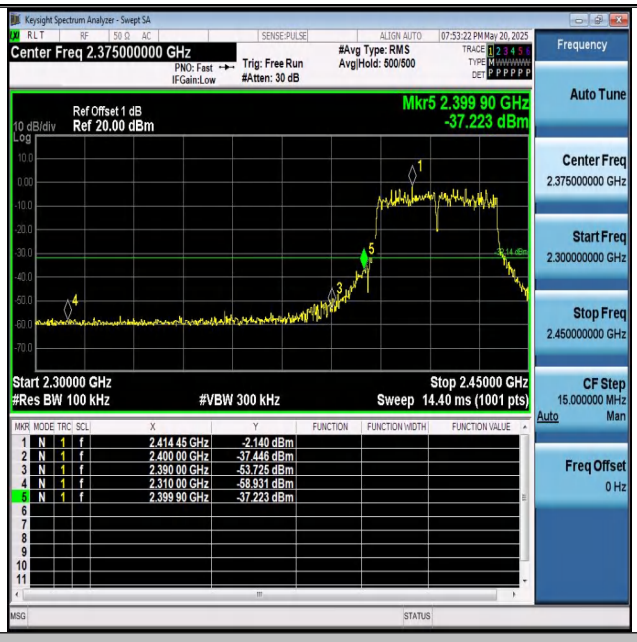
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

11G-Ant1-2462-PASS

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS

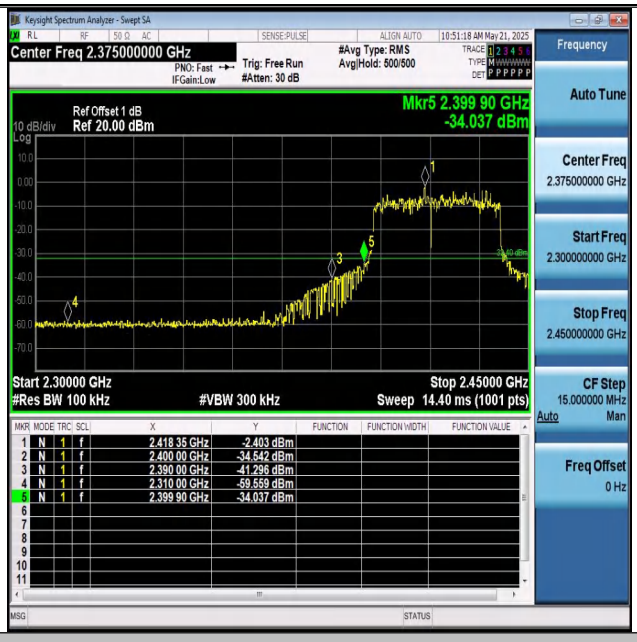


11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS

11AX20SISO-Ant1-2412-PASS

11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS

11AX40SISO-Ant1-2452-PASS

Appendix F: Conducted Spurious Emission

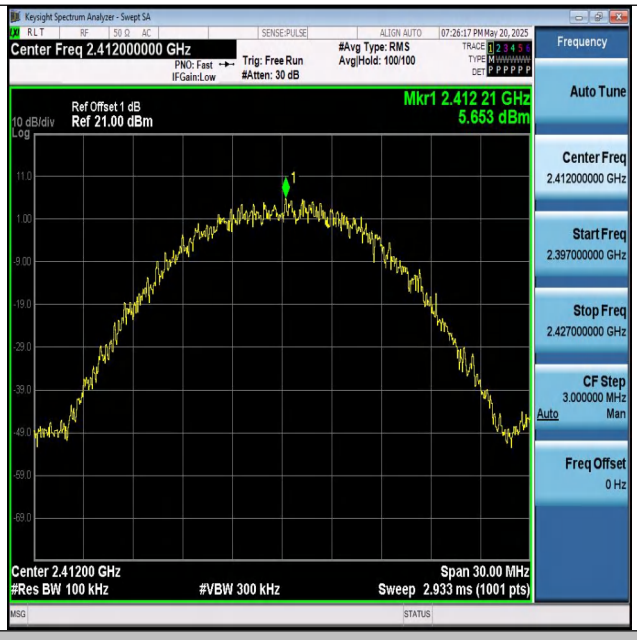
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.65	5.65	---	PASS
11B	Ant1	2412	30~1000	5.65	-67.02	≤-24.35	PASS
11B	Ant1	2412	1000~26500	5.65	-44.44	≤-24.35	PASS
11B	Ant1	2437	0~Reference	6.72	6.72	---	PASS
11B	Ant1	2437	30~1000	6.72	-68.02	≤-23.28	PASS
11B	Ant1	2437	1000~26500	6.72	-44.8	≤-23.28	PASS
11B	Ant1	2462	0~Reference	6.61	6.61	---	PASS
11B	Ant1	2462	30~1000	6.61	-67.5	≤-23.39	PASS
11B	Ant1	2462	1000~26500	6.61	-46.92	≤-23.39	PASS
11G	Ant1	2412	0~Reference	1.61	1.61	---	PASS
11G	Ant1	2412	30~1000	1.61	-68.41	≤-28.39	PASS
11G	Ant1	2412	1000~26500	1.61	-51.43	≤-28.39	PASS
11G	Ant1	2437	0~Reference	1.11	1.11	---	PASS
11G	Ant1	2437	30~1000	1.11	-67.55	≤-28.89	PASS
11G	Ant1	2437	1000~26500	1.11	-53	≤-28.89	PASS
11G	Ant1	2462	0~Reference	0.66	0.66	---	PASS
11G	Ant1	2462	30~1000	0.66	-68.35	≤-29.34	PASS
11G	Ant1	2462	1000~26500	0.66	-53.8	≤-29.34	PASS
11N20SISO	Ant1	2412	0~Reference	2.04	2.04	---	PASS
11N20SISO	Ant1	2412	30~1000	2.04	-68.22	≤-27.96	PASS
11N20SISO	Ant1	2412	1000~26500	2.04	-54.08	≤-27.96	PASS
11N20SISO	Ant1	2437	0~Reference	0.05	0.05	---	PASS
11N20SISO	Ant1	2437	30~1000	0.05	-68.22	≤-29.95	PASS
11N20SISO	Ant1	2437	1000~26500	0.05	-48.84	≤-29.95	PASS
11N20SISO	Ant1	2462	0~Reference	0.65	0.65	---	PASS
11N20SISO	Ant1	2462	30~1000	0.65	-68.38	≤-29.35	PASS
11N20SISO	Ant1	2462	1000~26500	0.65	-53.56	≤-29.35	PASS
11N40SISO	Ant1	2422	0~Reference	-1.38	-1.38	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.38	-68.87	≤-31.38	PASS
11N40SISO	Ant1	2422	1000~26500	-1.38	-51.37	≤-31.38	PASS
11N40SISO	Ant1	2437	0~Reference	-0.99	-0.99	---	PASS
11N40SISO	Ant1	2437	30~1000	-0.99	-68.65	≤-30.99	PASS
11N40SISO	Ant1	2437	1000~26500	-0.99	-53.09	≤-30.99	PASS
11N40SISO	Ant1	2452	0~Reference	-1.96	-1.96	---	PASS
11N40SISO	Ant1	2452	30~1000	-1.96	-68.48	≤-31.96	PASS
11N40SISO	Ant1	2452	1000~26500	-1.96	-53.41	≤-31.96	PASS
11AX20SISO	Ant1	2412	0~Reference	1.35	1.35	---	PASS

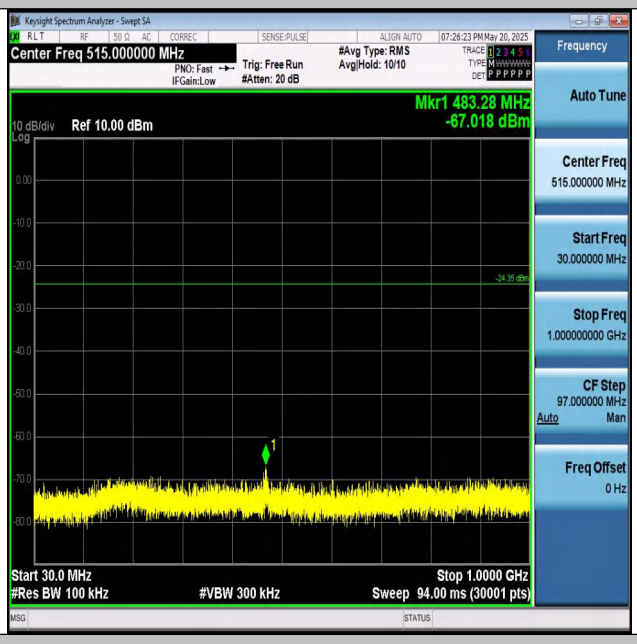
11AX20SISO	Ant1	2412	30~1000	1.35	-67.69	≤-28.65	PASS
11AX20SISO	Ant1	2412	1000~26500	1.35	-53.65	≤-28.65	PASS
11AX20SISO	Ant1	2437	0~Reference	1.94	1.94	---	PASS
11AX20SISO	Ant1	2437	30~1000	1.94	-67.94	≤-28.06	PASS
11AX20SISO	Ant1	2437	1000~26500	1.94	-49.91	≤-28.06	PASS
11AX20SISO	Ant1	2462	0~Reference	0.13	0.13	---	PASS
11AX20SISO	Ant1	2462	30~1000	0.13	-68.72	≤-29.87	PASS
11AX20SISO	Ant1	2462	1000~26500	0.13	-52.86	≤-29.87	PASS
11AX40SISO	Ant1	2422	0~Reference	-2.78	-2.78	---	PASS
11AX40SISO	Ant1	2422	30~1000	-2.78	-69.26	≤-32.78	PASS
11AX40SISO	Ant1	2422	1000~26500	-2.78	-53.52	≤-32.78	PASS
11AX40SISO	Ant1	2437	0~Reference	-2.72	-2.72	---	PASS
11AX40SISO	Ant1	2437	30~1000	-2.72	-69.76	≤-32.72	PASS
11AX40SISO	Ant1	2437	1000~26500	-2.72	-54.11	≤-32.72	PASS
11AX40SISO	Ant1	2452	0~Reference	-2.21	-2.21	---	PASS
11AX40SISO	Ant1	2452	30~1000	-2.21	-68.64	≤-32.21	PASS
11AX40SISO	Ant1	2452	1000~26500	-2.21	-53.59	≤-32.21	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

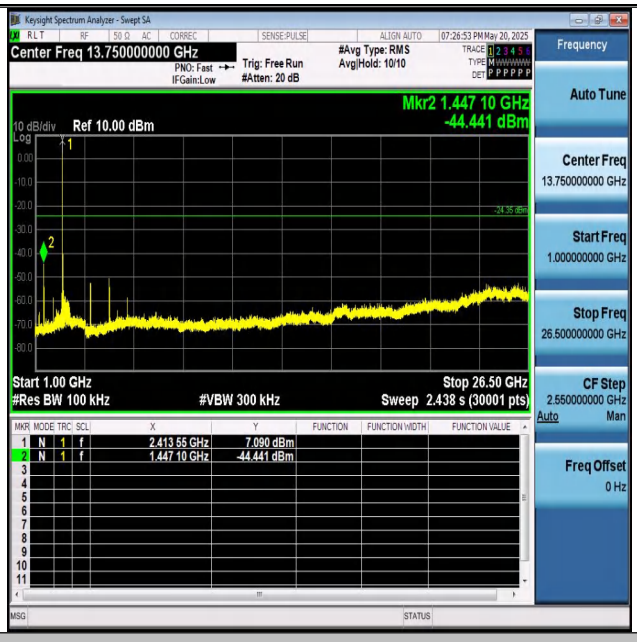
Test Graphs



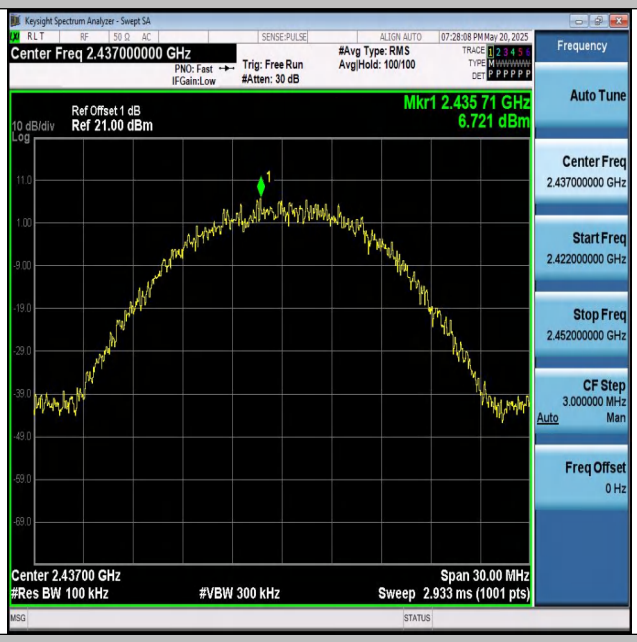
11B-Ant1-2412-0~Reference-PASS



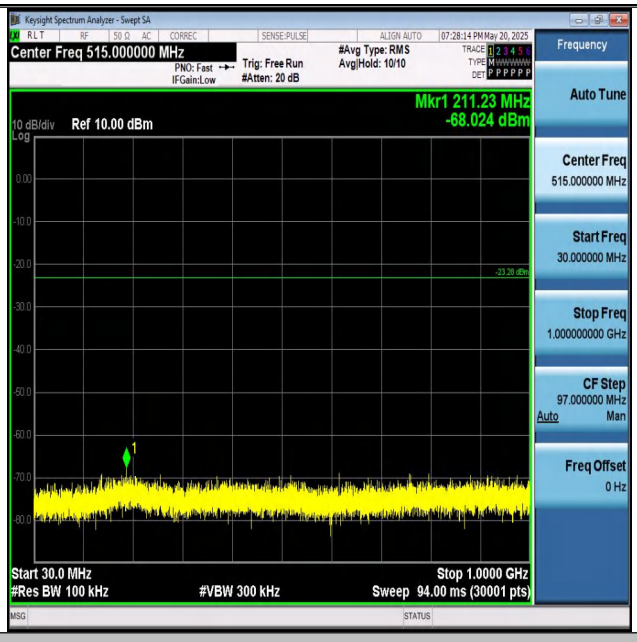
11B-Ant1-2412-30~1000-PASS



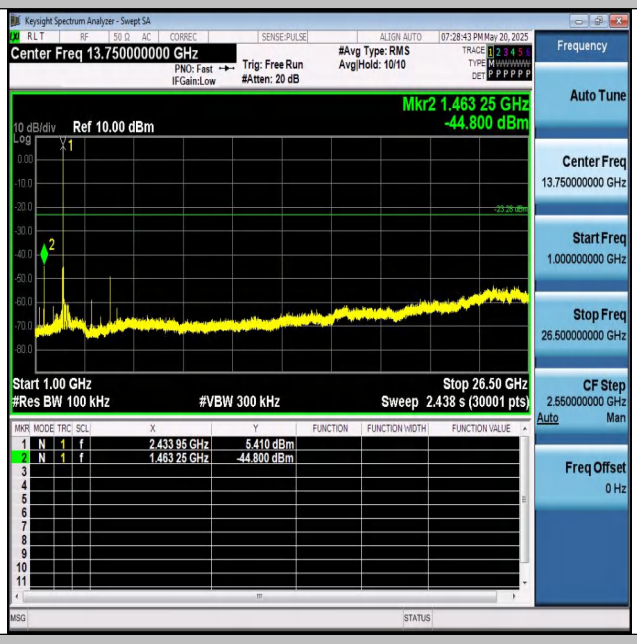
11B-Ant1-2412-1000~26500-PASS



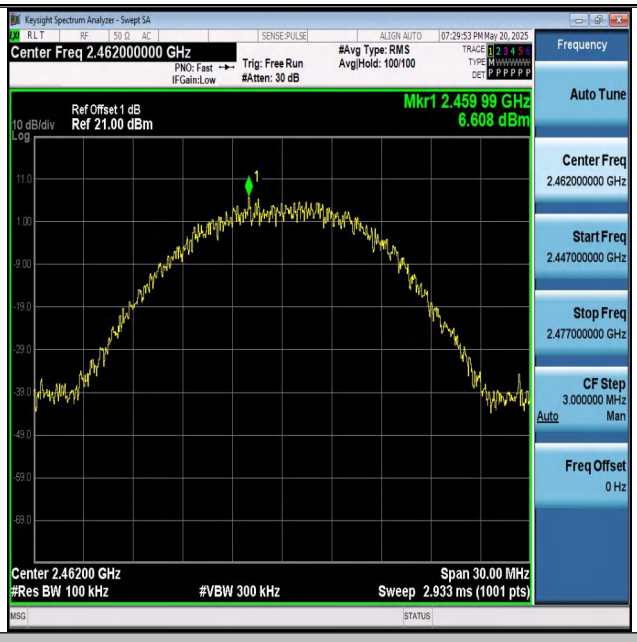
11B-Ant1-2437-0~Reference-PASS



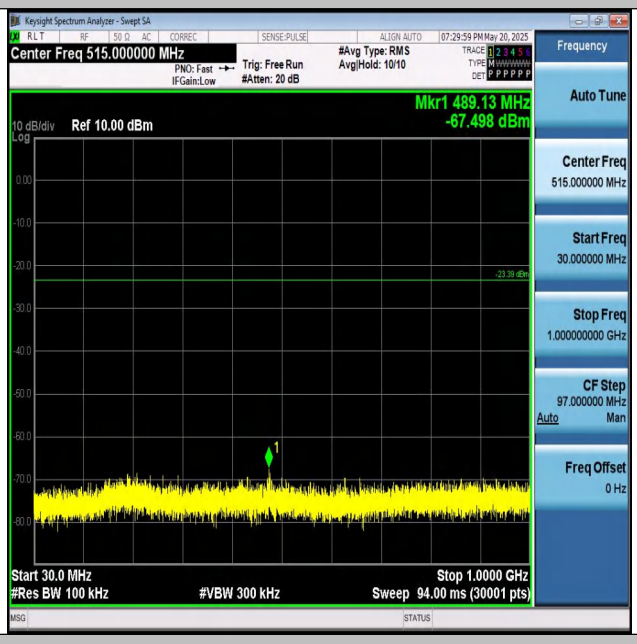
11B-Ant1-2437-30~1000-PASS



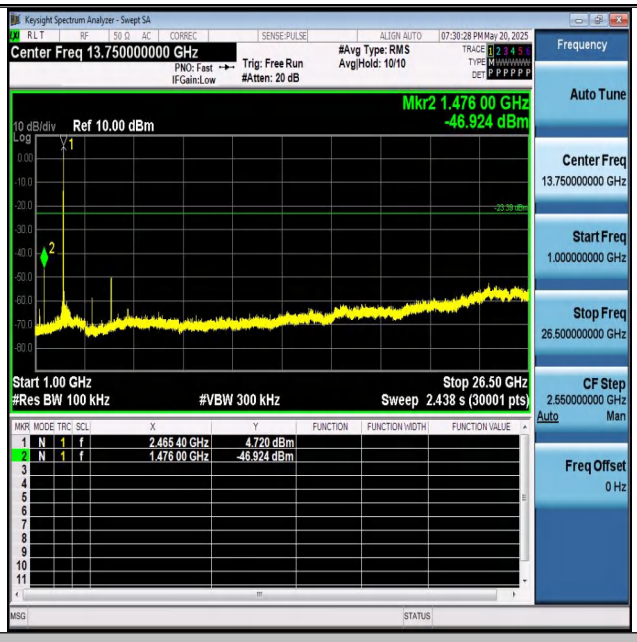
11B-Ant1-2437-1000~26500-PASS



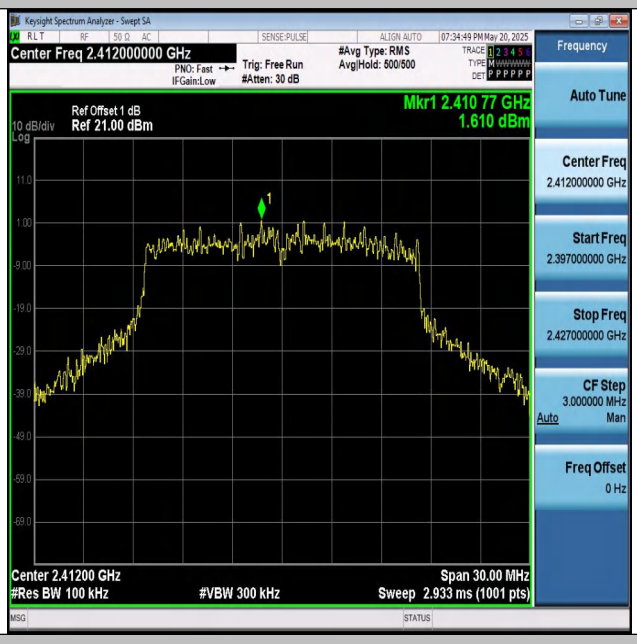
11B-Ant1-2462-0~Reference-PASS



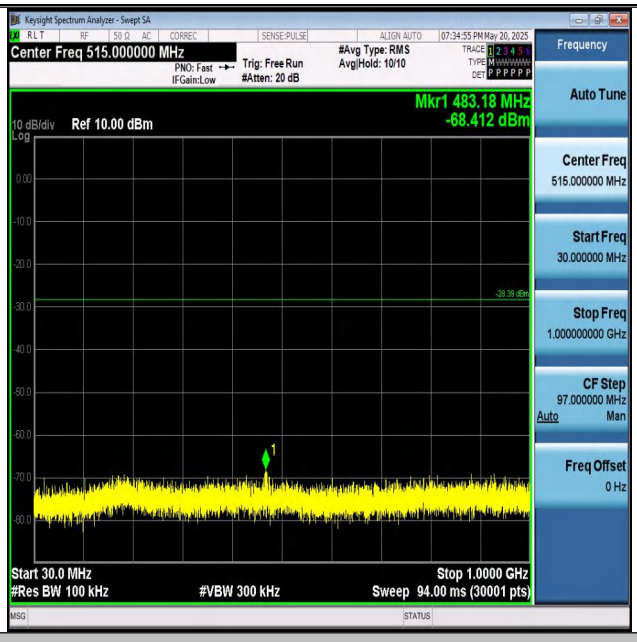
11B-Ant1-2462-30~1000-PASS



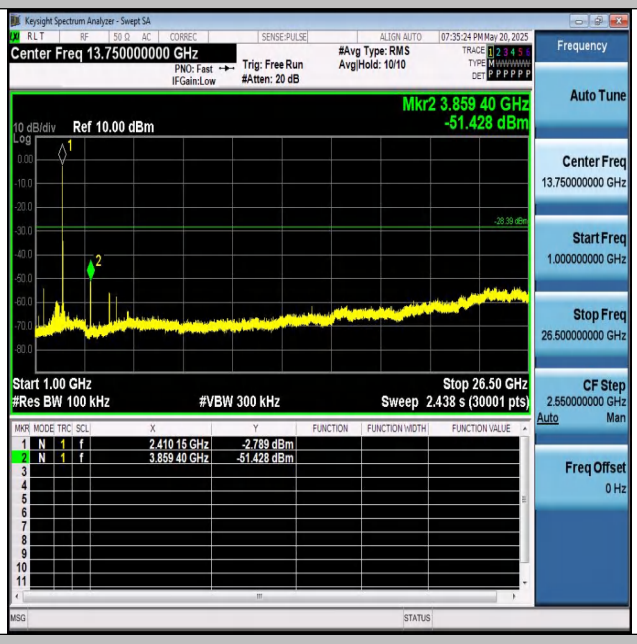
11B-Ant1-2462-1000~26500-PASS



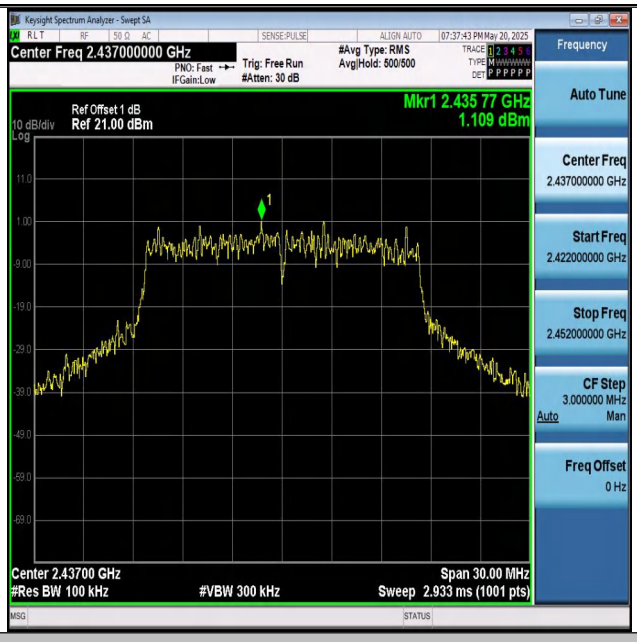
11G-Ant1-2412-0~Reference-PASS



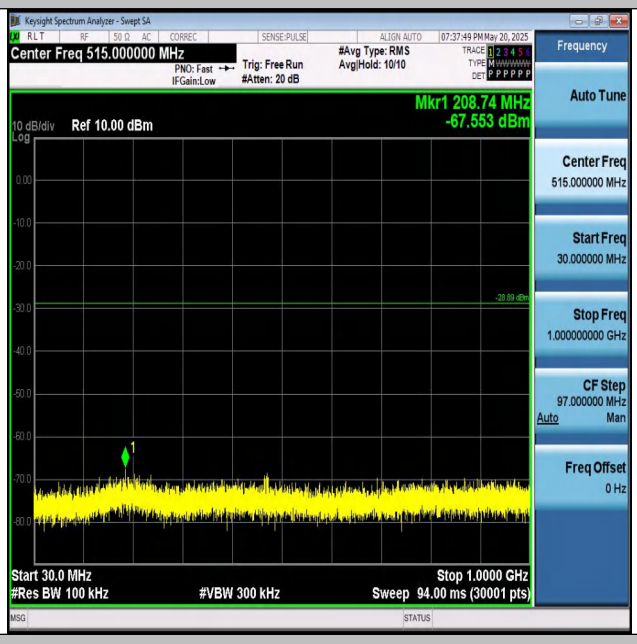
11G-Ant1-2412-30~1000-PASS



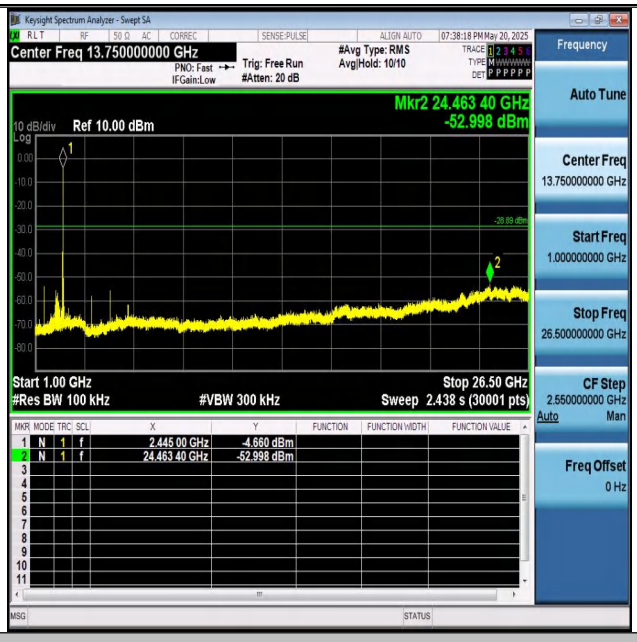
11G-Ant1-2412-1000~26500-PASS



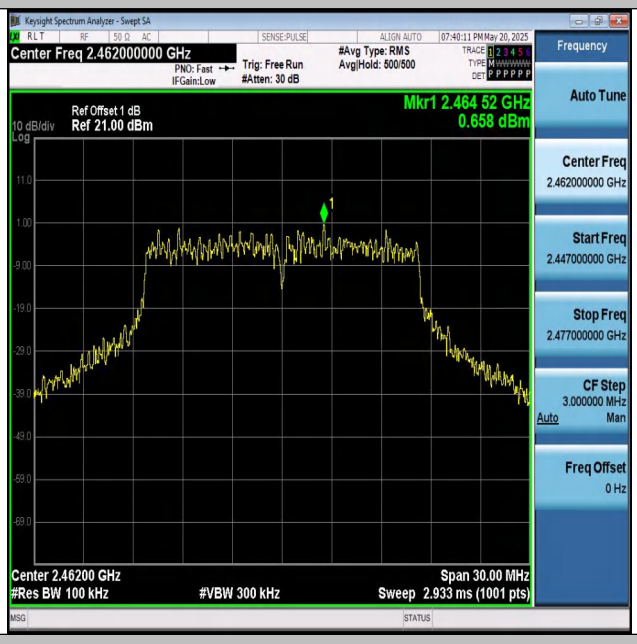
11G-Ant1-2437-0~Reference-PASS



11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~26500-PASS



11G-Ant1-2462-0~Reference-PASS