



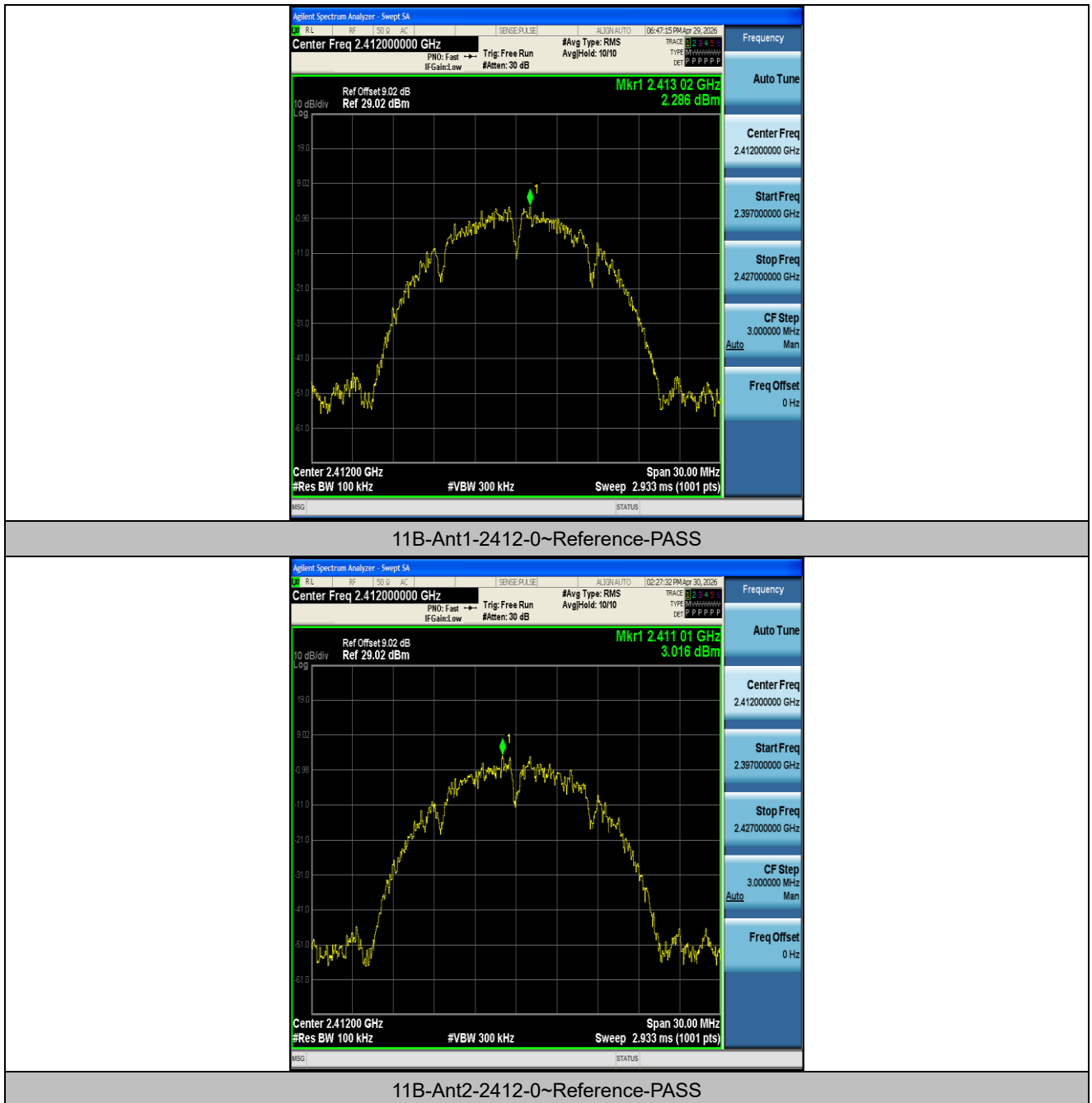
11N20MIMO	Ant2	2412	0~Reference	-1.84	-1.84	---	PASS
11N20MIMO	Ant1	2412	30~1000	-0.19	-62.62	≤-30.19	PASS
11N20MIMO	Ant2	2412	30~1000	-1.84	-62.8	≤-31.84	PASS
11N20MIMO	Ant1	2412	1000~26500	-0.19	-37.05	≤-30.19	PASS
11N20MIMO	Ant2	2412	1000~26500	-1.84	-37.9	≤-31.84	PASS
11N20MIMO	Ant1	2437	0~Reference	0.44	0.44	---	PASS
11N20MIMO	Ant2	2437	0~Reference	-0.68	-0.68	---	PASS
11N20MIMO	Ant1	2437	30~1000	0.44	-61.54	≤-29.56	PASS
11N20MIMO	Ant2	2437	30~1000	-0.68	-62.54	≤-30.68	PASS
11N20MIMO	Ant1	2437	1000~26500	0.44	-37.01	≤-29.56	PASS
11N20MIMO	Ant2	2437	1000~26500	-0.68	-36.86	≤-30.68	PASS
11N20MIMO	Ant1	2462	0~Reference	-0.20	-0.20	---	PASS
11N20MIMO	Ant2	2462	0~Reference	-1.04	-1.04	---	PASS
11N20MIMO	Ant1	2462	30~1000	-0.20	-62.62	≤-30.2	PASS
11N20MIMO	Ant2	2462	30~1000	-1.04	-61.48	≤-31.04	PASS
11N20MIMO	Ant1	2462	1000~26500	-0.20	-37.74	≤-30.2	PASS
11N20MIMO	Ant2	2462	1000~26500	-1.04	-37.52	≤-31.04	PASS
11N40MIMO	Ant1	2422	0~Reference	-4.14	-4.14	---	PASS
11N40MIMO	Ant2	2422	0~Reference	-3.47	-3.47	---	PASS
11N40MIMO	Ant1	2422	30~1000	-4.14	-62.48	≤-34.14	PASS
11N40MIMO	Ant2	2422	30~1000	-3.47	-62.1	≤-33.47	PASS
11N40MIMO	Ant1	2422	1000~26500	-4.14	-38.07	≤-34.14	PASS
11N40MIMO	Ant2	2422	1000~26500	-3.47	-37.12	≤-33.47	PASS
11N40MIMO	Ant1	2437	0~Reference	-3.43	-3.43	---	PASS
11N40MIMO	Ant2	2437	0~Reference	-3.09	-3.09	---	PASS
11N40MIMO	Ant1	2437	30~1000	-3.43	-61.47	≤-33.43	PASS
11N40MIMO	Ant2	2437	30~1000	-3.09	-62.86	≤-33.09	PASS
11N40MIMO	Ant1	2437	1000~26500	-3.43	-36.66	≤-33.43	PASS
11N40MIMO	Ant2	2437	1000~26500	-3.09	-37.3	≤-33.09	PASS
11N40MIMO	Ant1	2452	0~Reference	-3.91	-3.91	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-3.63	-3.63	---	PASS
11N40MIMO	Ant1	2452	30~1000	-3.91	-62.45	≤-33.91	PASS
11N40MIMO	Ant2	2452	30~1000	-3.63	-62.93	≤-33.63	PASS
11N40MIMO	Ant1	2452	1000~26500	-3.91	-37.8	≤-33.91	PASS
11N40MIMO	Ant2	2452	1000~26500	-3.63	-37.63	≤-33.63	PASS

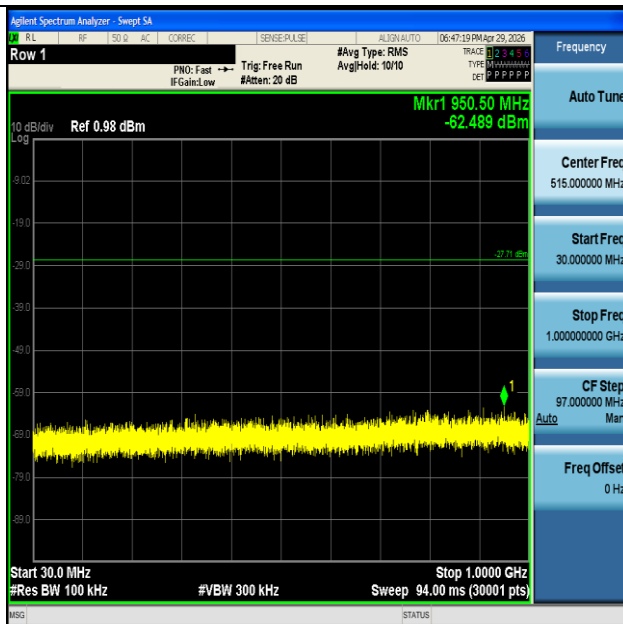
Note: offset(dB) in Reference test plots = cable loss(dB) + attenuator factor(dB); For spurious emissions plots from 30MHz to 26.5GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.



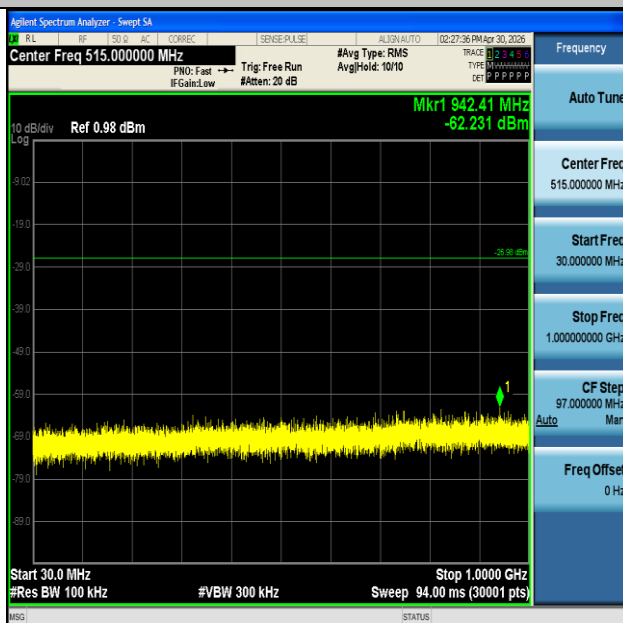


Test Graphs



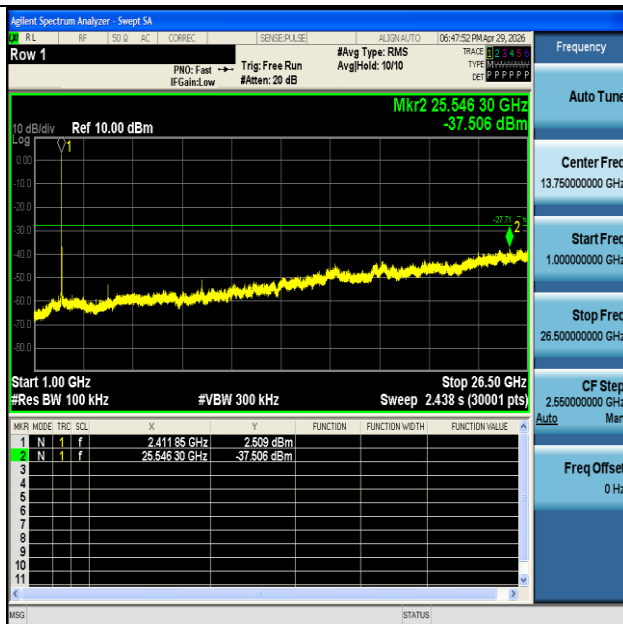


11B-Ant1-2412-30~1000-PASS

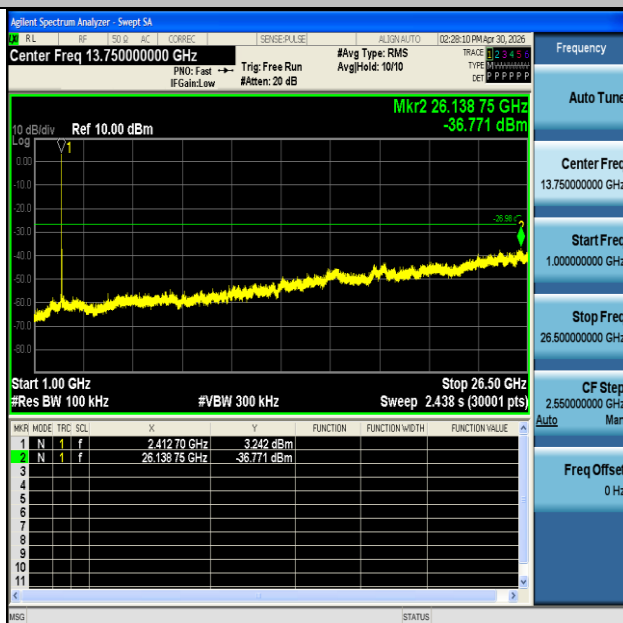


11B-Ant2-2412-30~1000-PASS



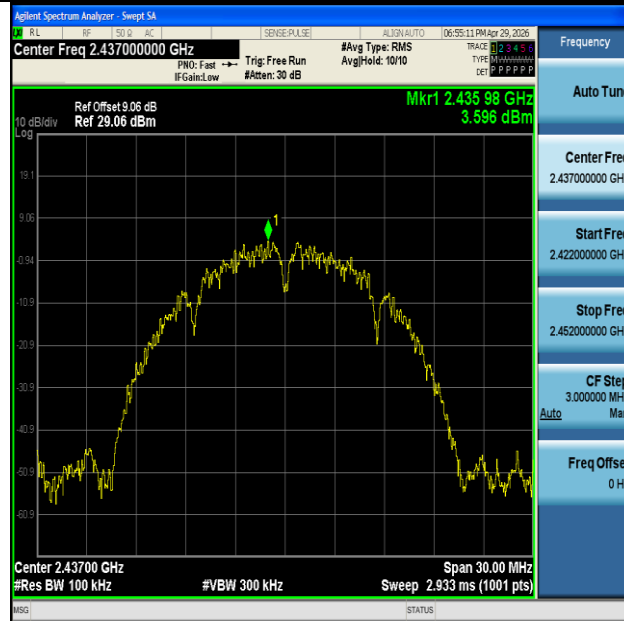


11B-Ant1-2412-1000~26500-PASS

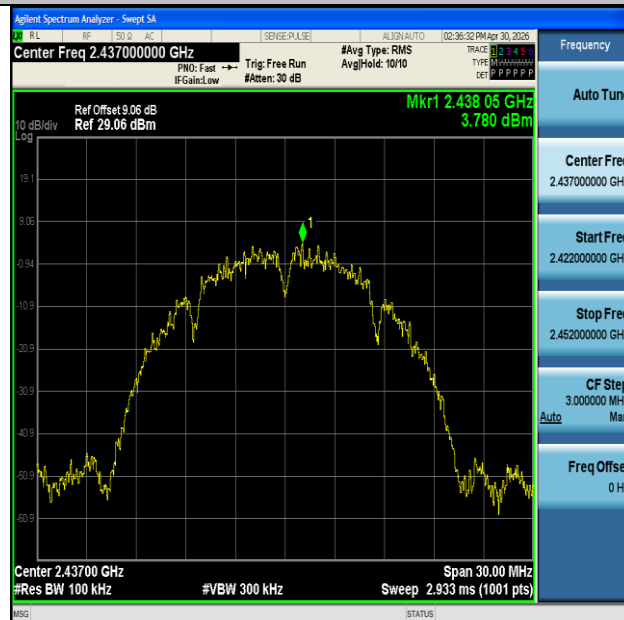


11B-Ant2-2412-1000~26500-PASS



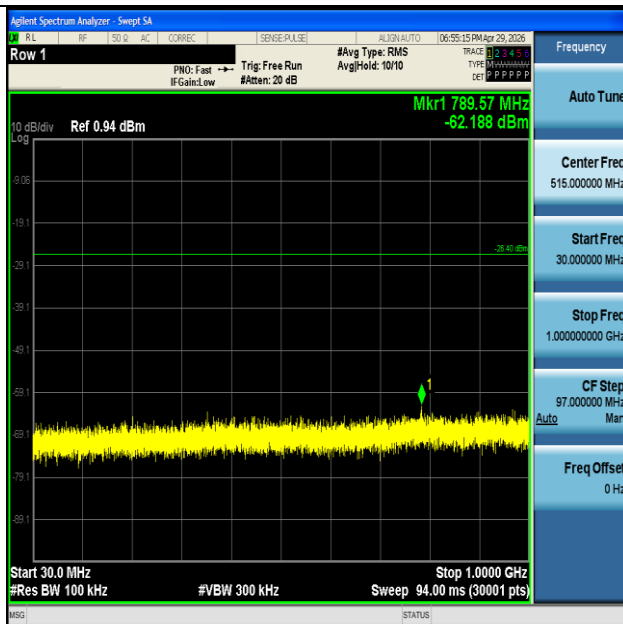


11B-Ant1-2437-0~Reference-PASS

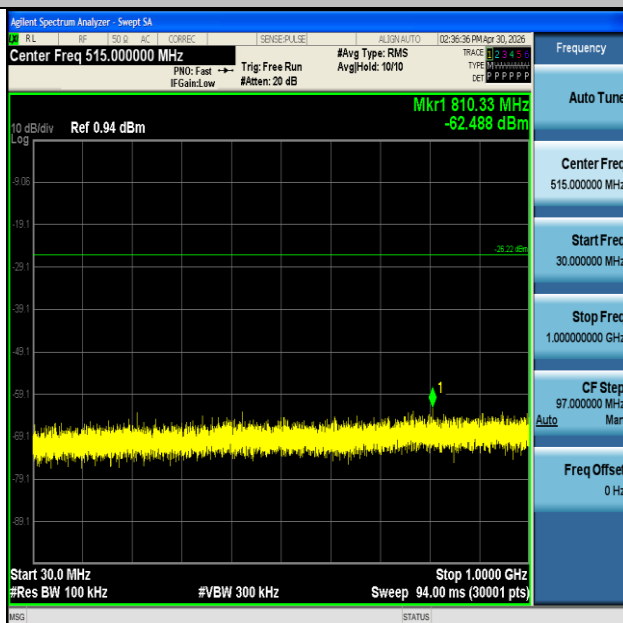


11B-Ant2-2437-0~Reference-PASS





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

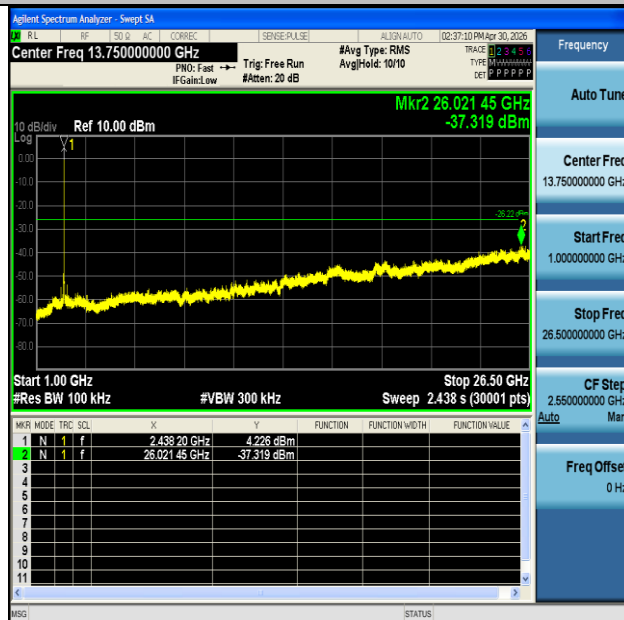


11B-Ant2-2437-30~1000-PASS





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

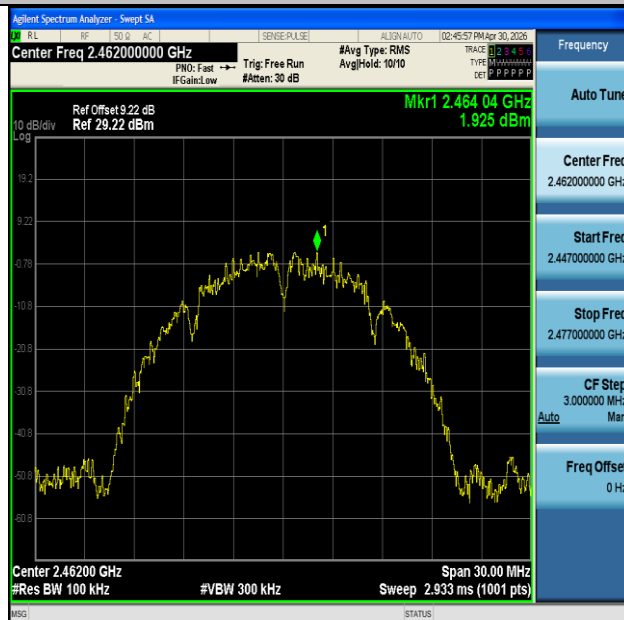


11B-Ant2-2437-1000~26500-PASS





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

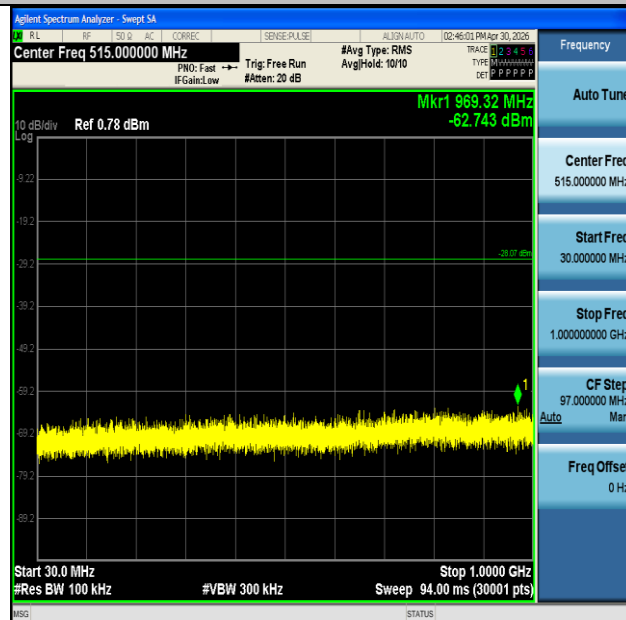


11B-Ant2-2462-0~Reference-PASS



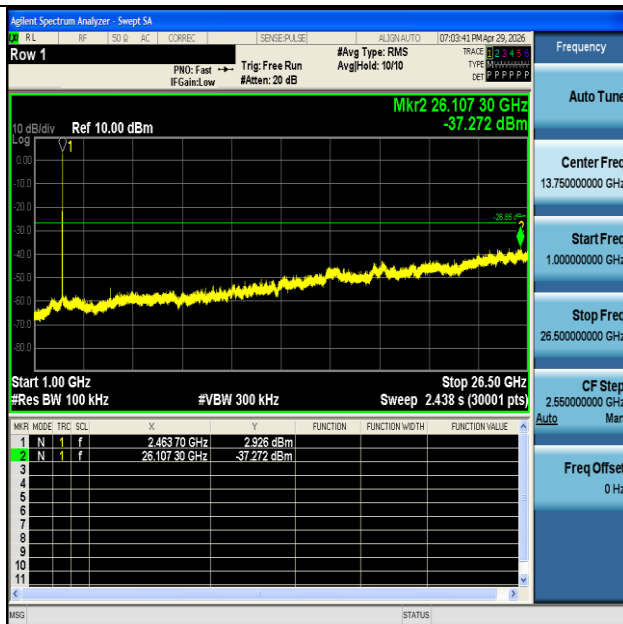


11B-Ant1-2462-30~1000-PASS

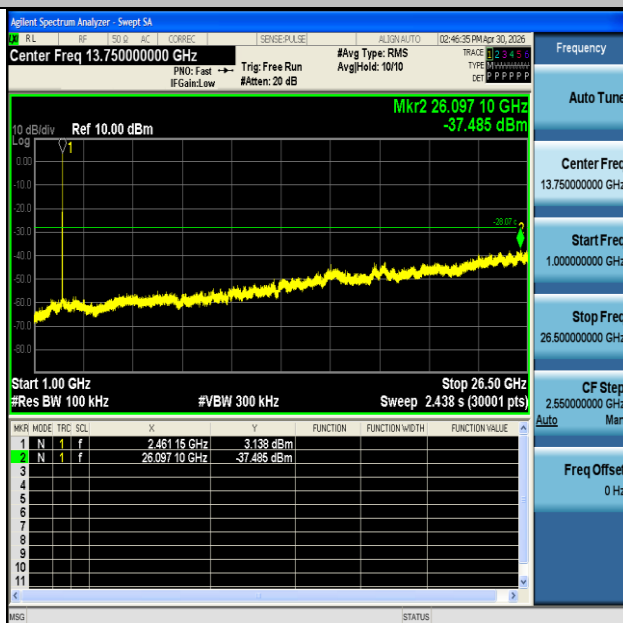


11B-Ant2-2462-30~1000-PASS



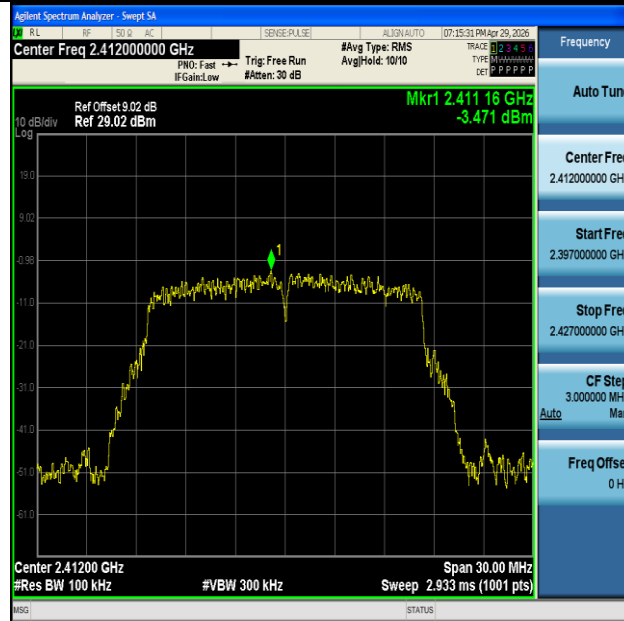


11B-Ant1-2462-1000~26500-PASS

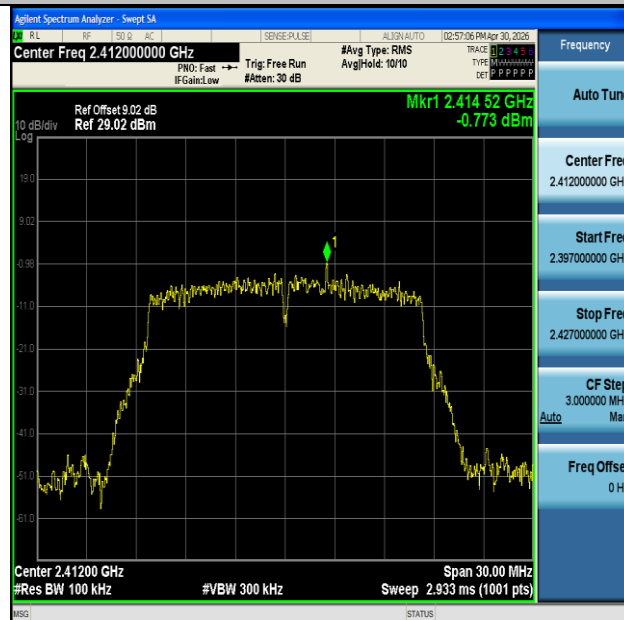


11B-Ant2-2462-1000~26500-PASS



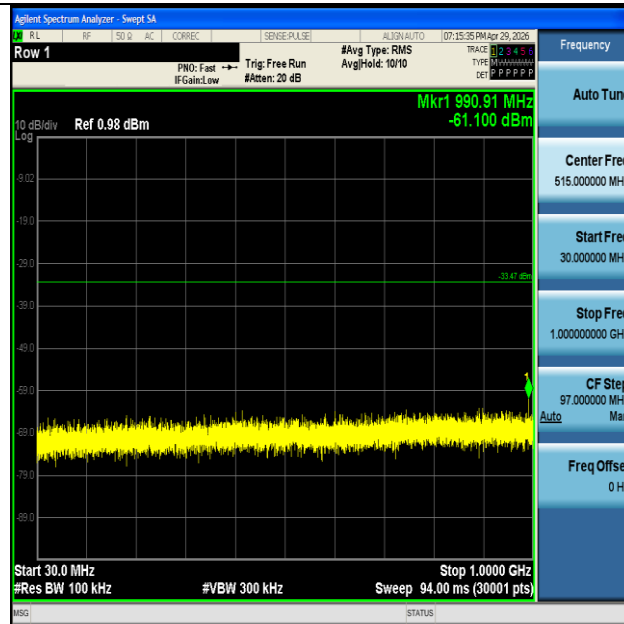


11G-Ant1-2412-0~Reference-PASS

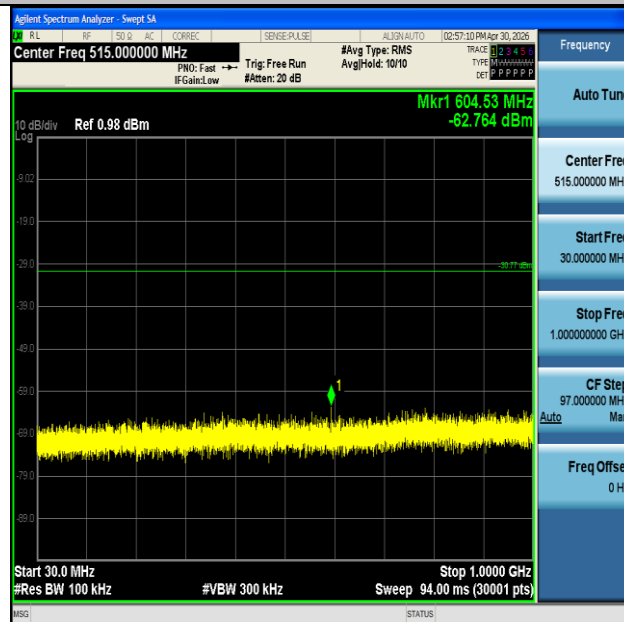


11G-Ant2-2412-0~Reference-PASS



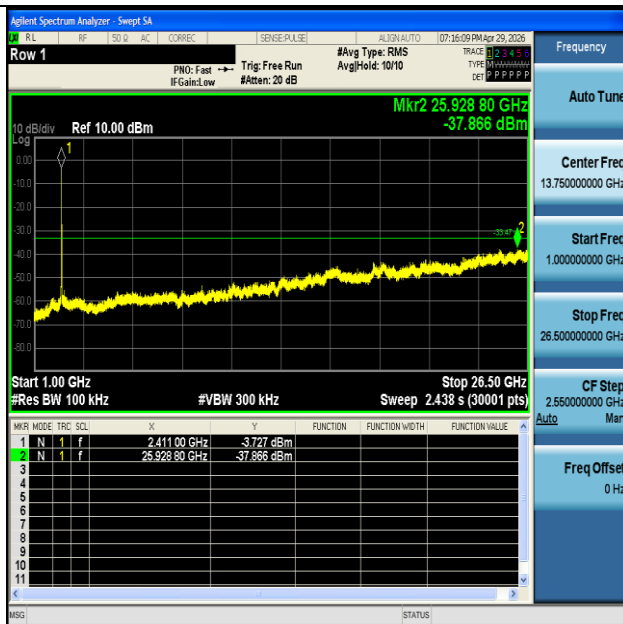


11G-Ant1-2412-30~1000-PASS

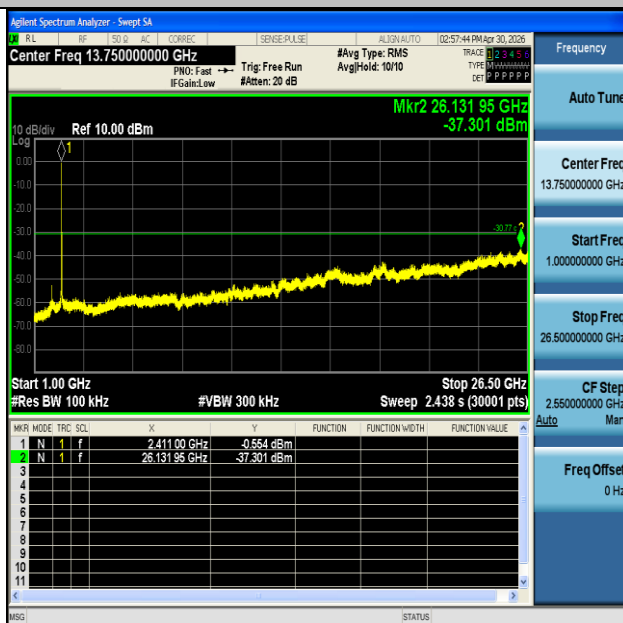


11G-Ant2-2412-30~1000-PASS



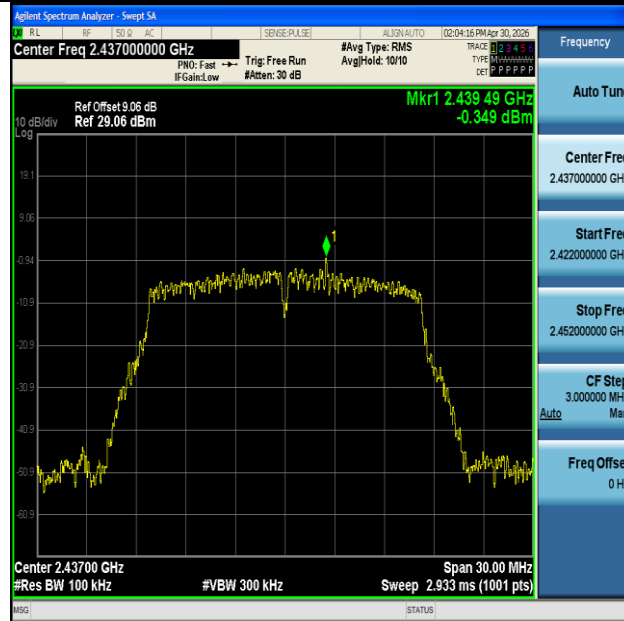


11G-Ant1-2412-1000~26500-PASS

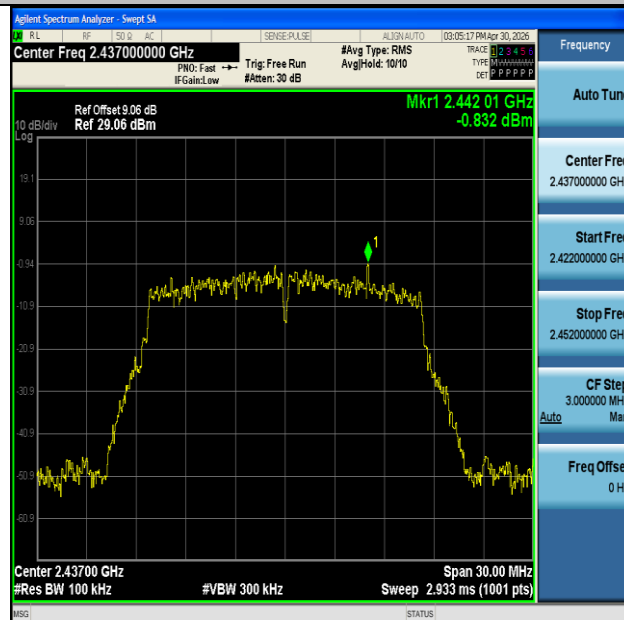


11G-Ant2-2412-1000~26500-PASS



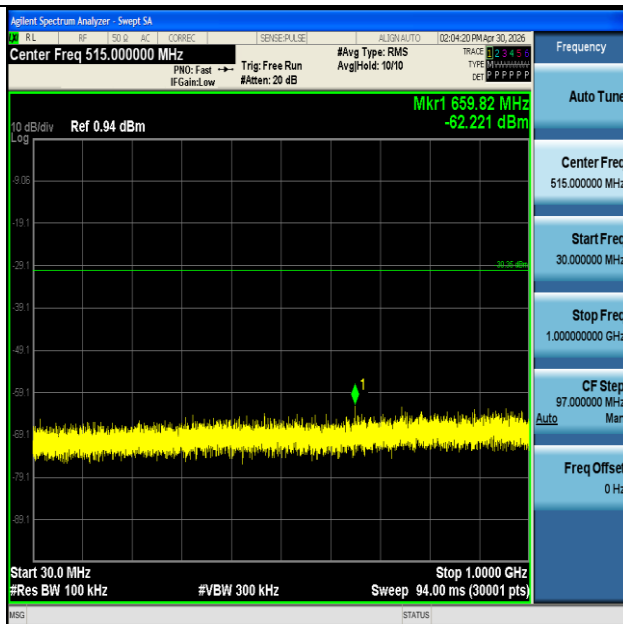


11G-Ant1-2437-0~Reference-PASS

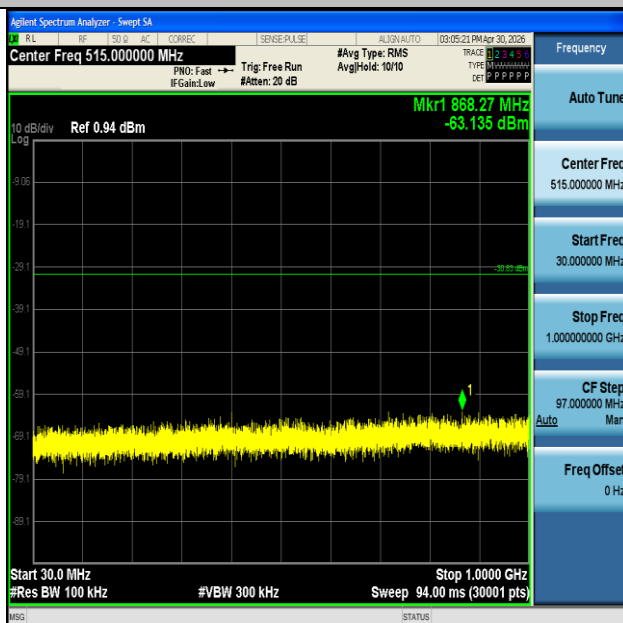


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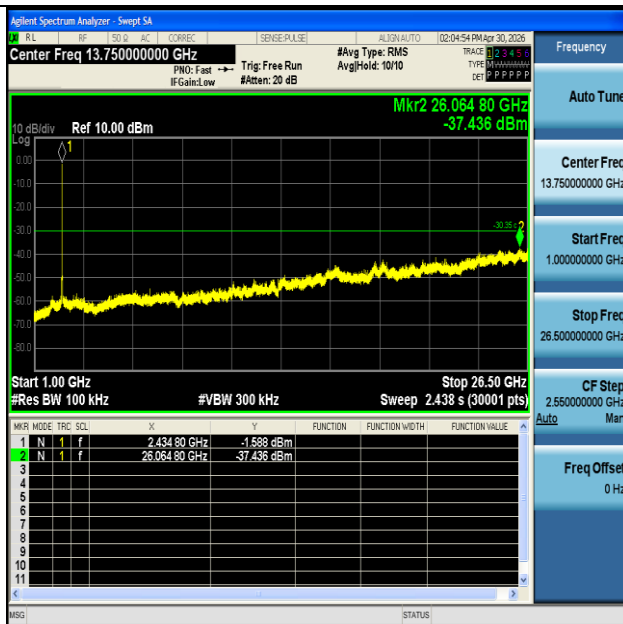


11G-Ant1-2437-30~1000-PASS

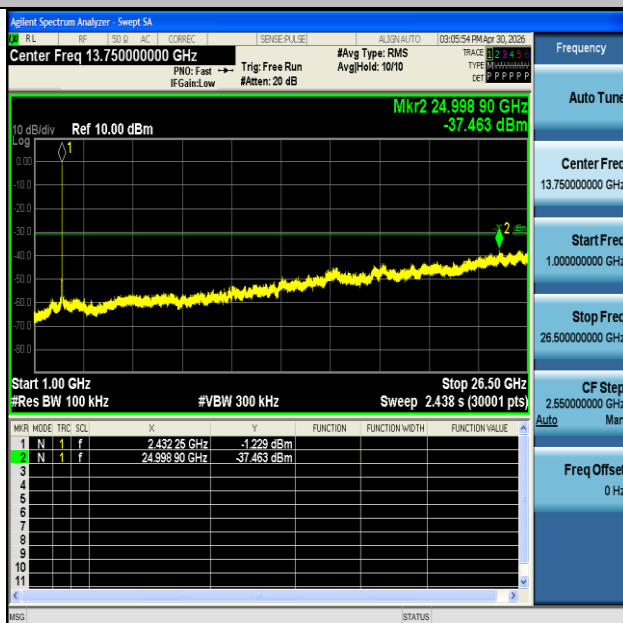


11G-Ant2-2437-30~1000-PASS



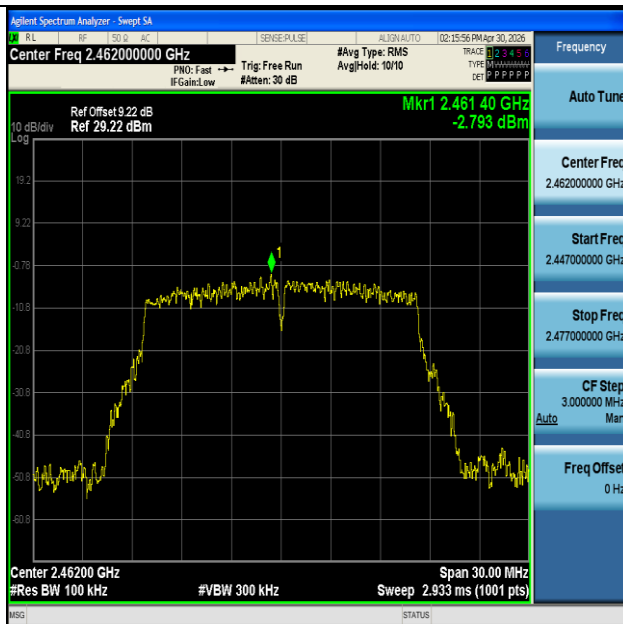


11G-Ant1-2437-1000~26500-PASS

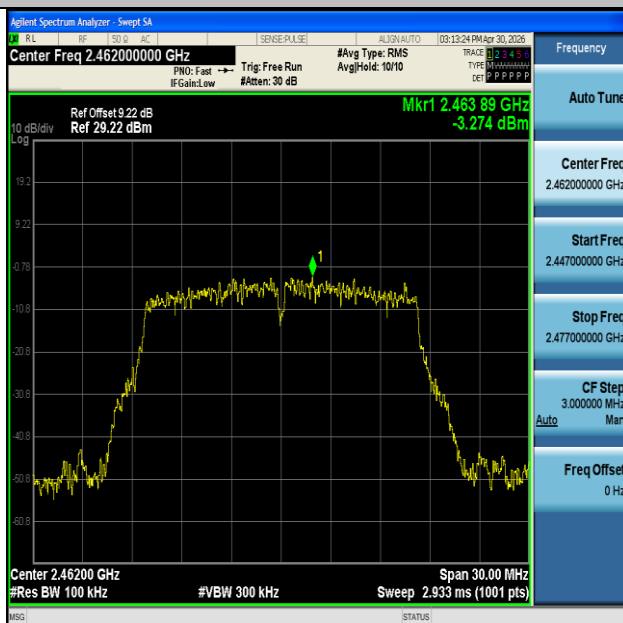


11G-Ant2-2437-1000~26500-PASS



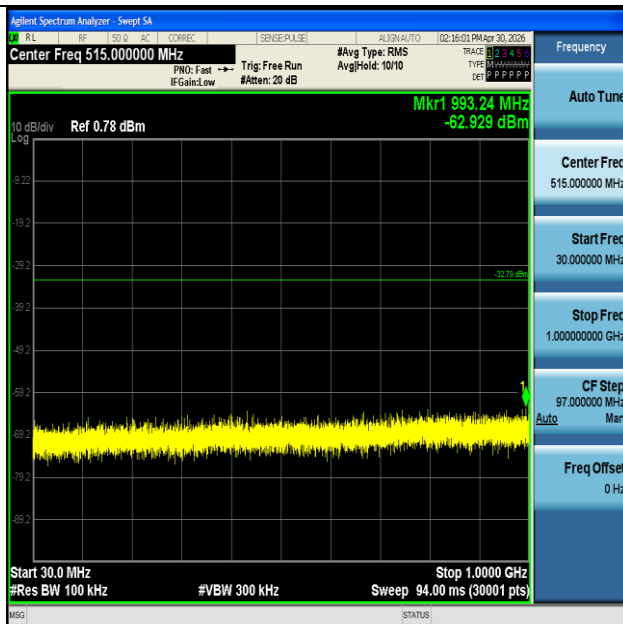


11G-Ant1-2462-0~Reference-PASS

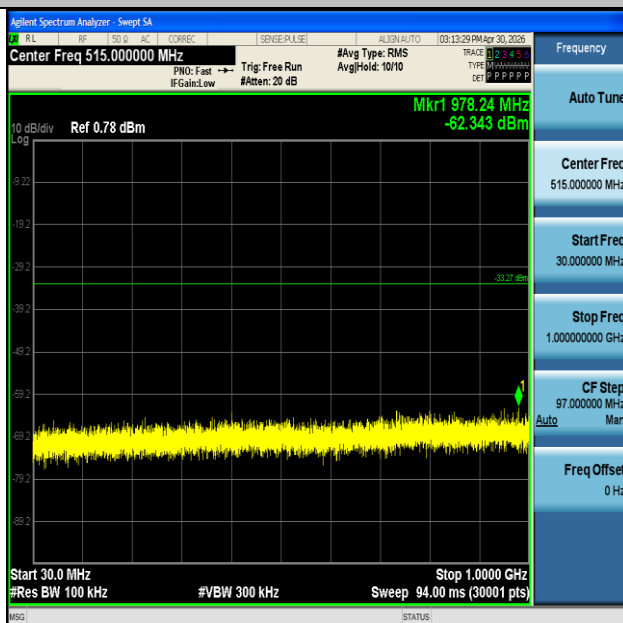


11G-Ant2-2462-0~Reference-PASS



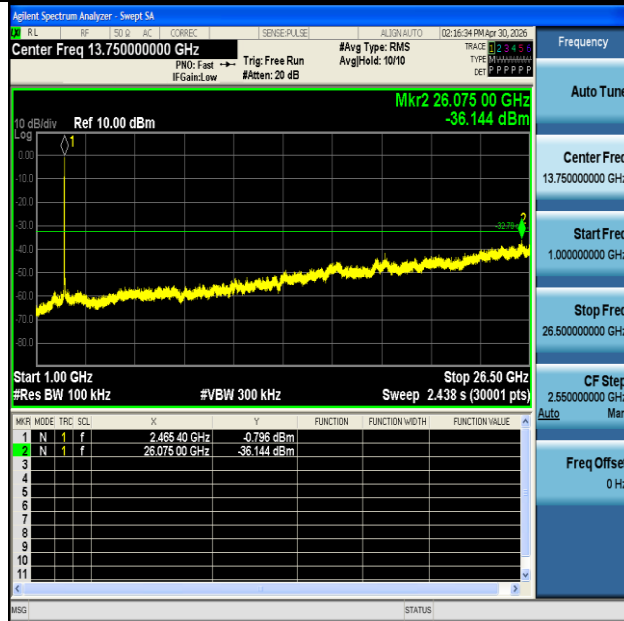


11G-Ant1-2462-30~1000-PASS

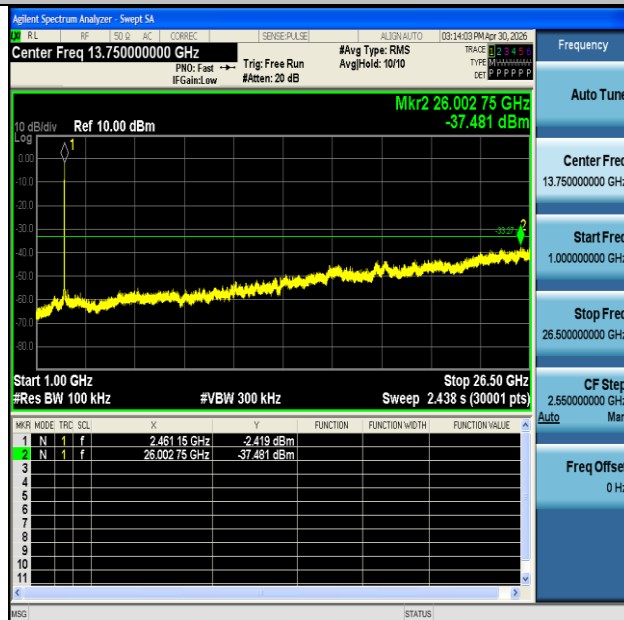


11G-Ant2-2462-30~1000-PASS



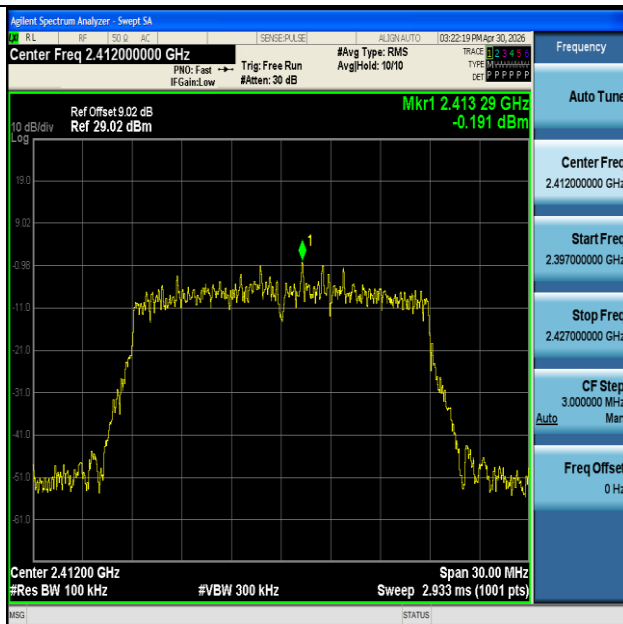


11G-Ant1-2462-1000~26500-PASS

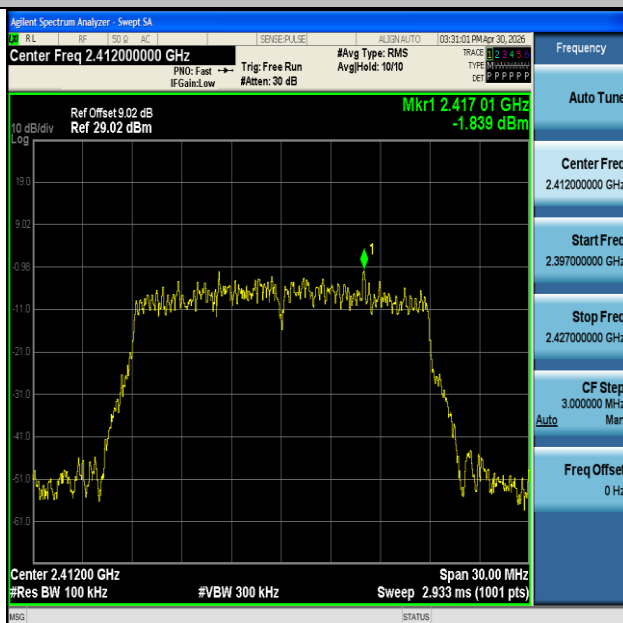


11G-Ant2-2462-1000~26500-PASS



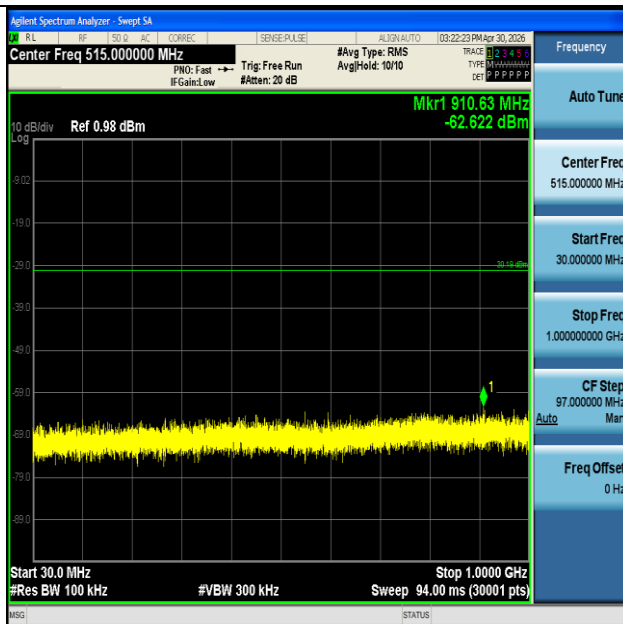


11N20MIMO-Ant1-2412-0~Reference-PASS

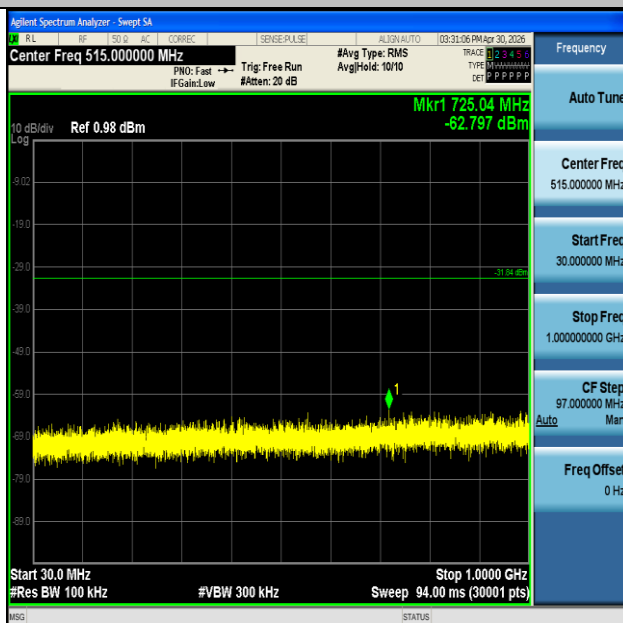


11N20MIMO-Ant2-2412-0~Reference-PASS



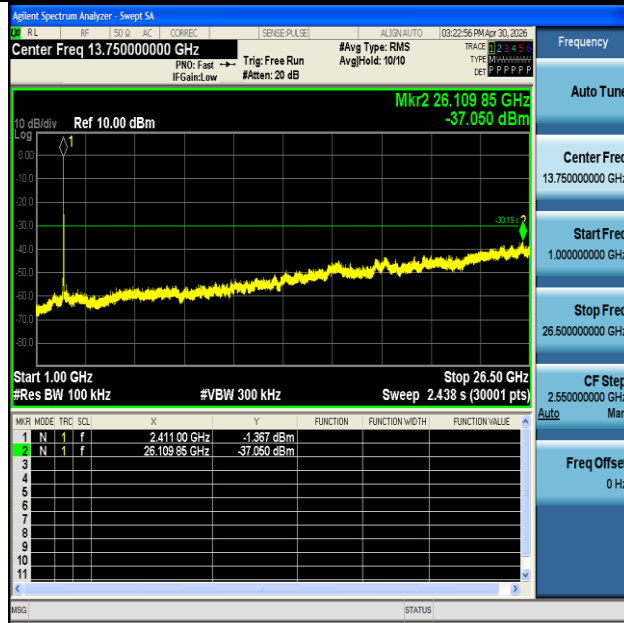


11N20MIMO-Ant1-2412-30~1000-PASS

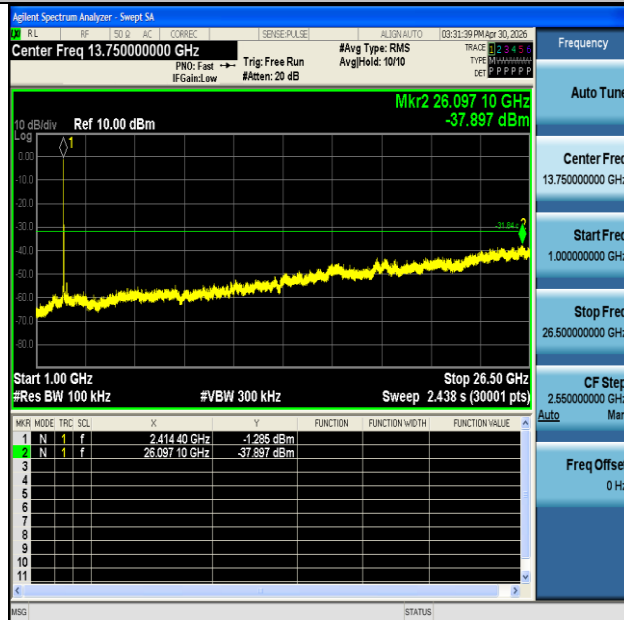


11N20MIMO-Ant2-2412-30~1000-PASS



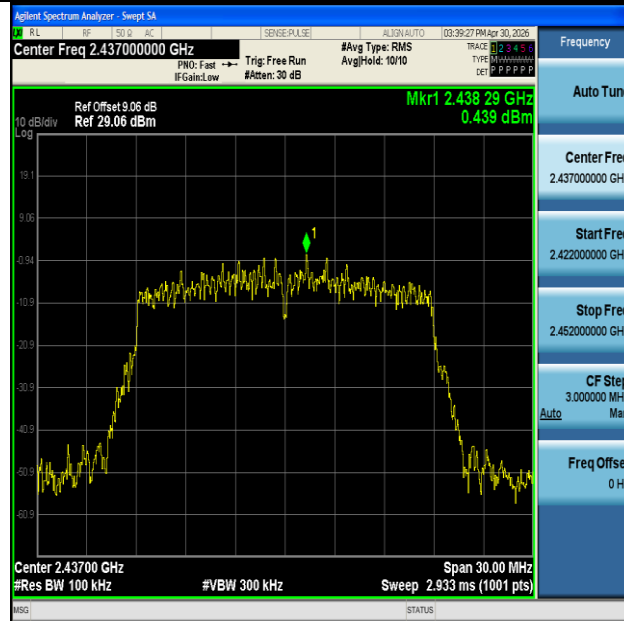


11N20MIMO-Ant1-2412-1000~26500-PASS

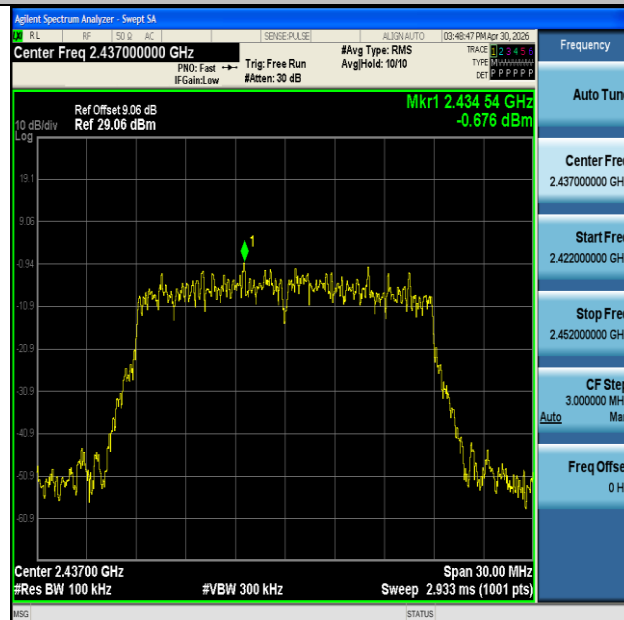


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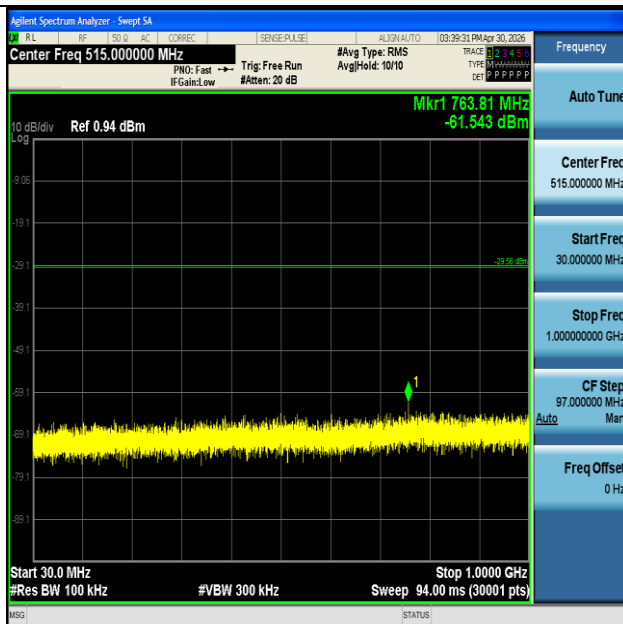


11N20MIMO-Ant1-2437-0~Reference-PASS

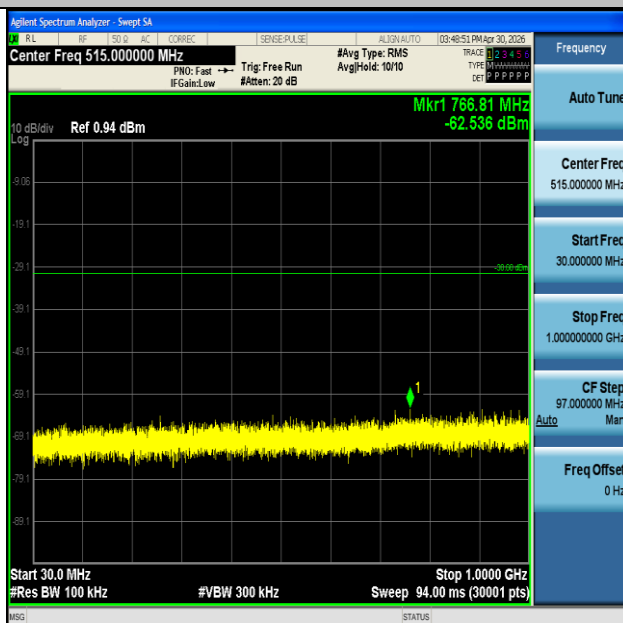


11N20MIMO-Ant2-2437-0~Reference-PASS



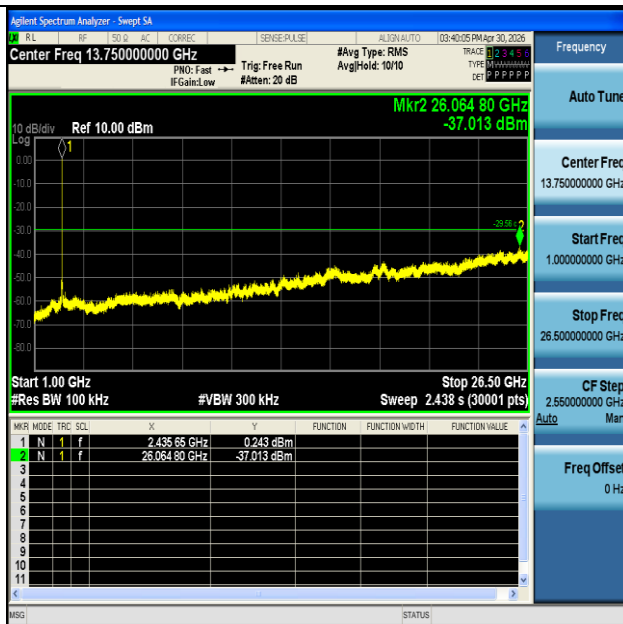


11N20MIMO-Ant1-2437-30~1000-PASS

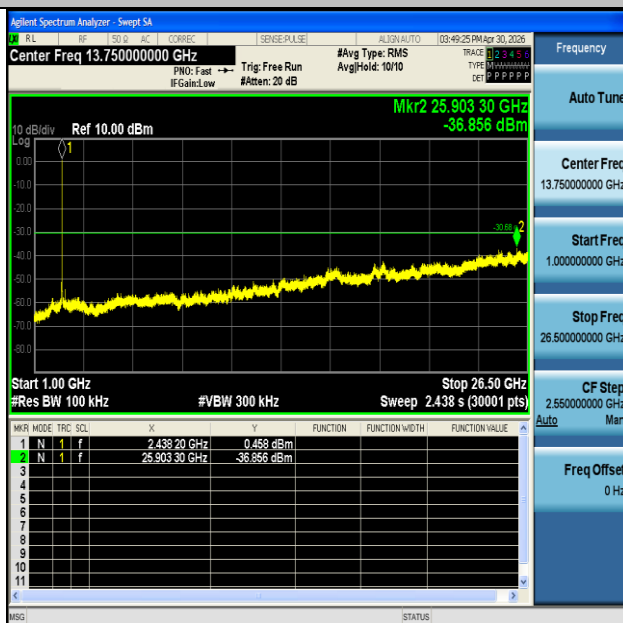


11N20MIMO-Ant2-2437-30~1000-PASS



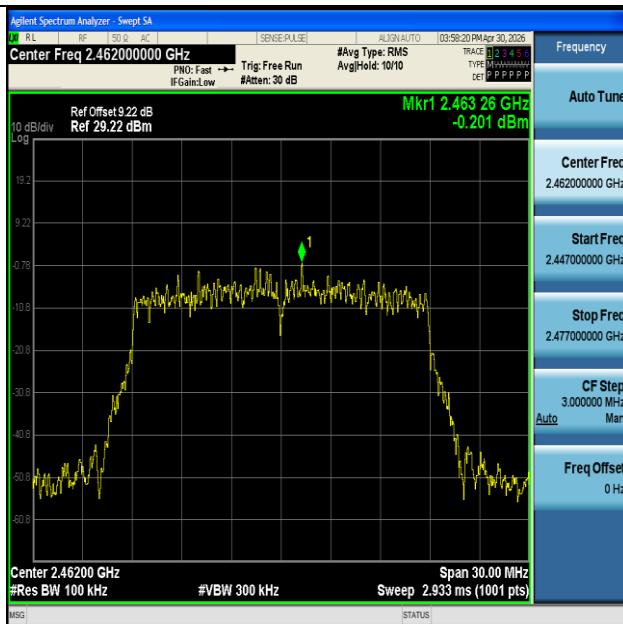


11N20MIMO-Ant1-2437-1000~26500-PASS

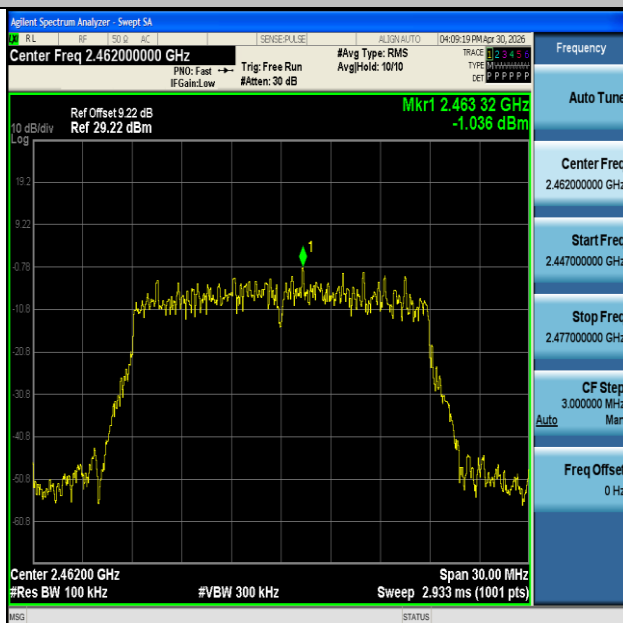


11N20MIMO-Ant2-2437-1000~26500-PASS



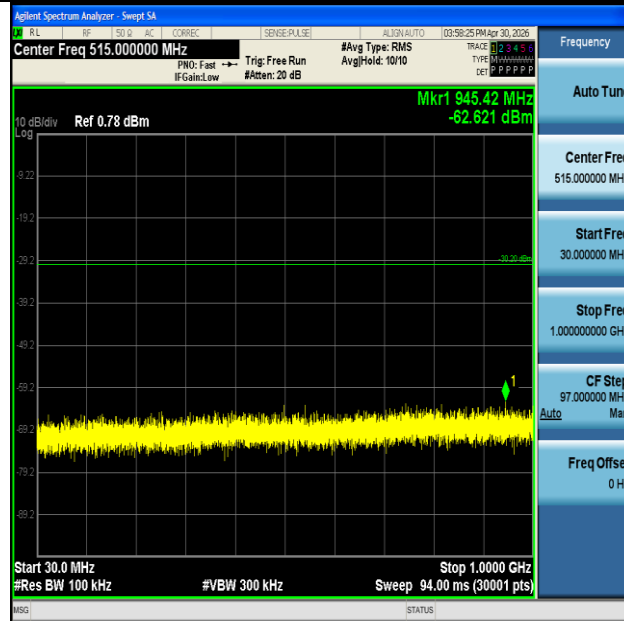


11N20MIMO-Ant1-2462-0~Reference-PASS

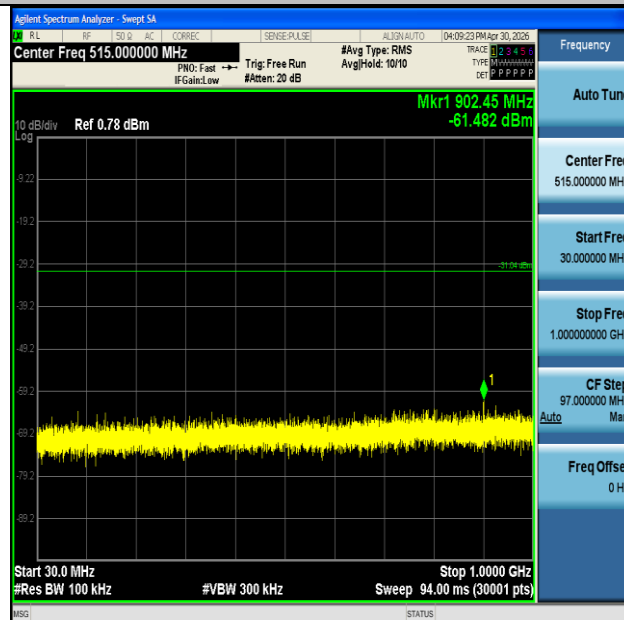


11N20MIMO-Ant2-2462-0~Reference-PASS



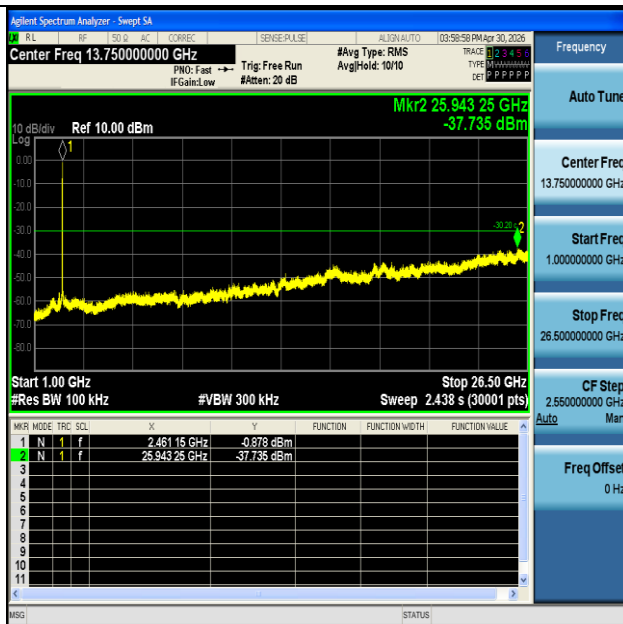


11N20MIMO-Ant1-2462-30~1000-PASS

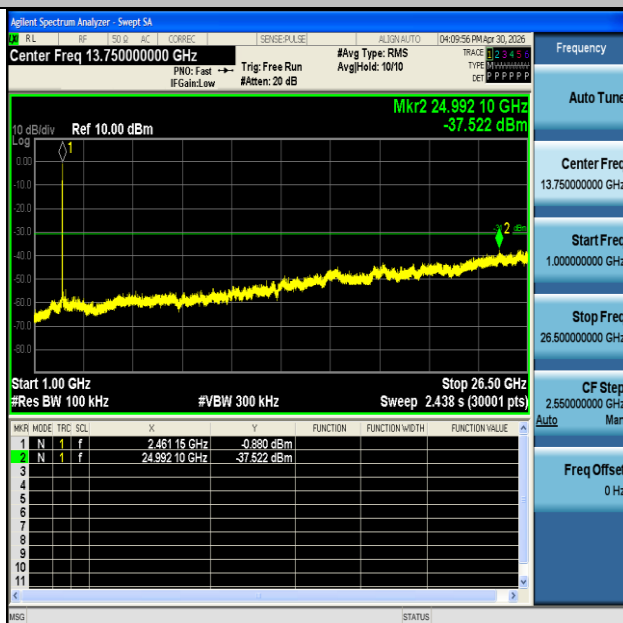


11N20MIMO-Ant2-2462-30~1000-PASS



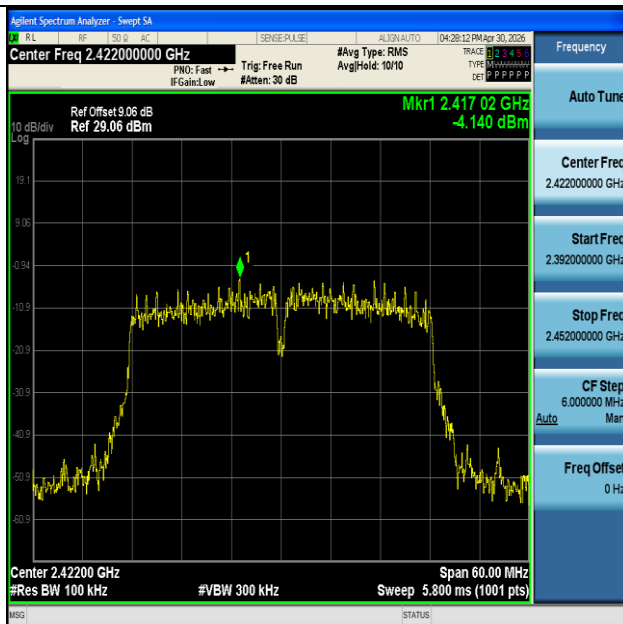


11N20MIMO-Ant1-2462-1000~26500-PASS

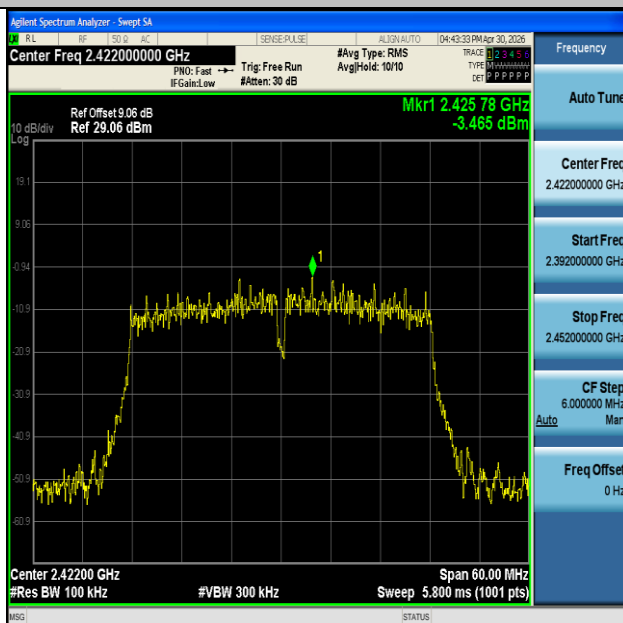


11N20MIMO-Ant2-2462-1000~26500-PASS



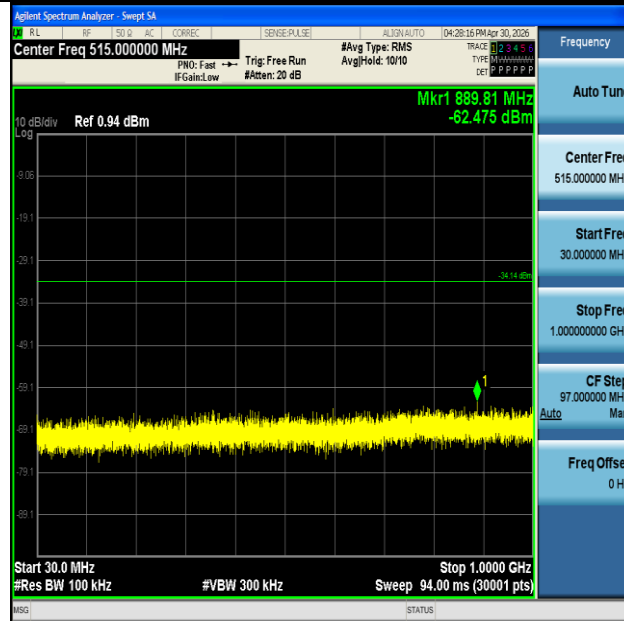


11N40MIMO-Ant1-2422-0~Reference-PASS

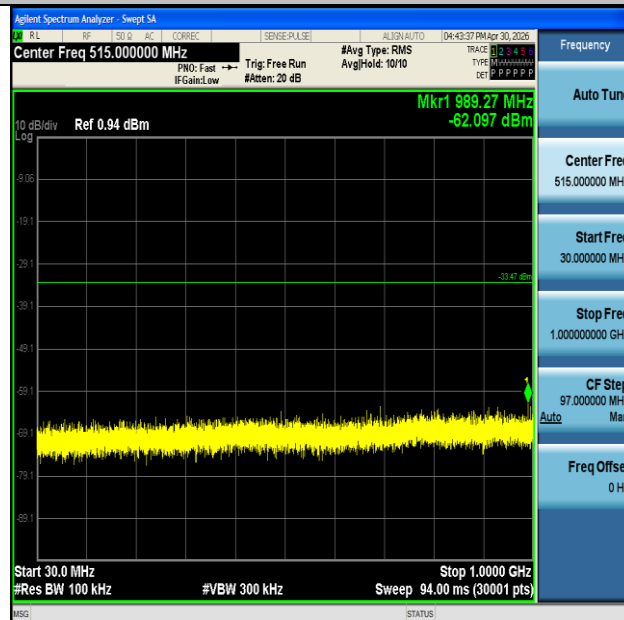


11N40MIMO-Ant2-2422-0~Reference-PASS



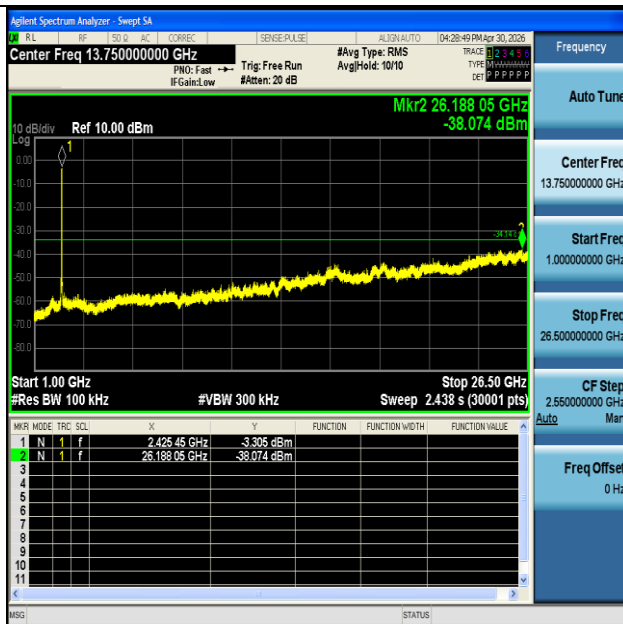


11N40MIMO-Ant1-2422-30~1000-PASS

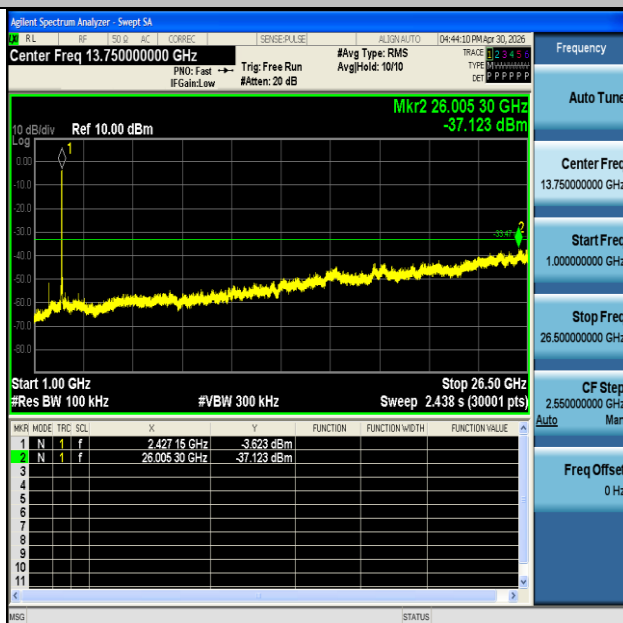


11N40MIMO-Ant2-2422-30~1000-PASS



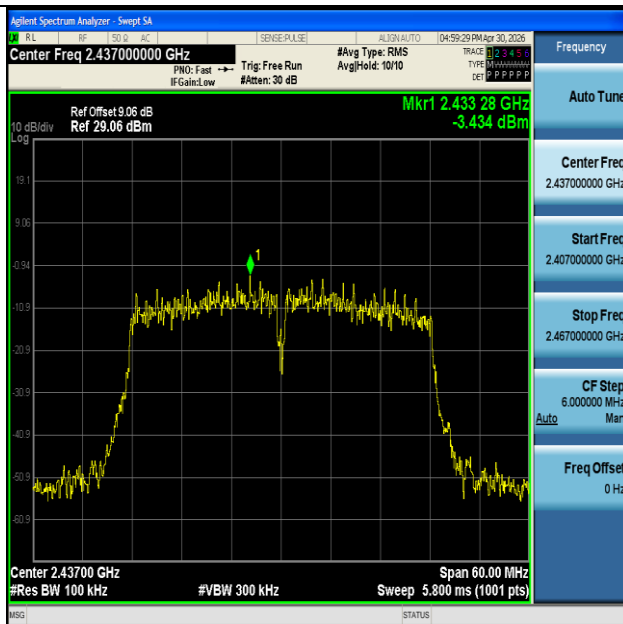


11N40MIMO-Ant1-2422-1000~26500-PASS

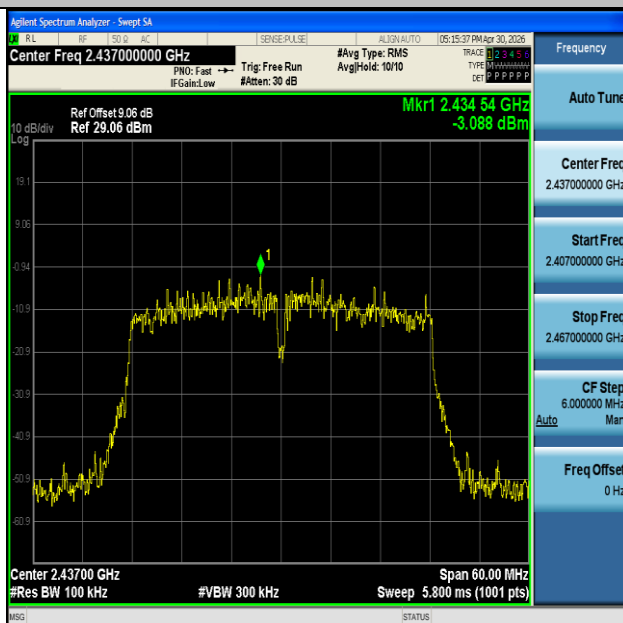


11N40MIMO-Ant2-2422-1000~26500-PASS





11N40MIMO-Ant1-2437-0~Reference-PASS

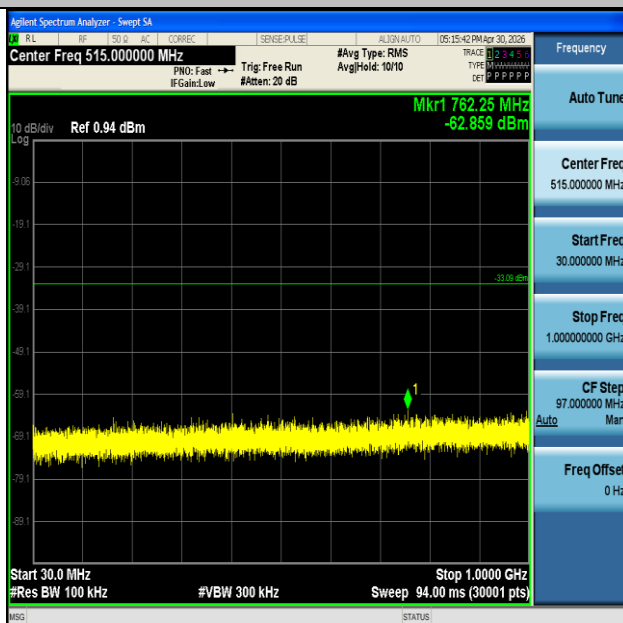


11N40MIMO-Ant2-2437-0~Reference-PASS



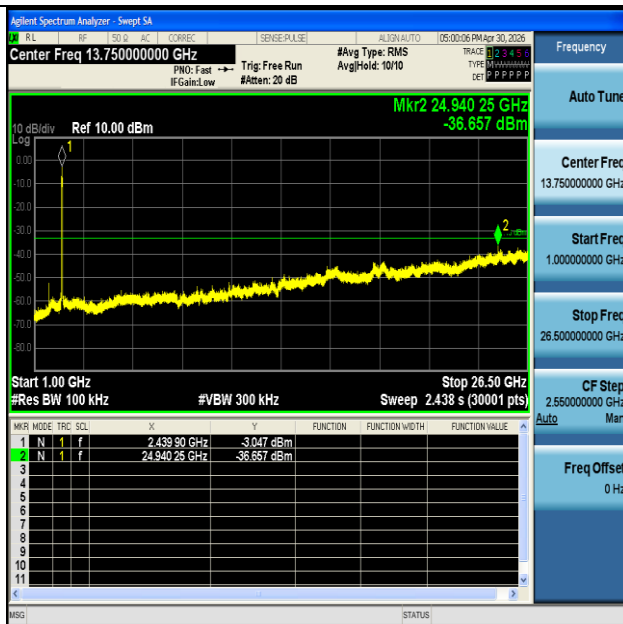


11N40MIMO-Ant1-2437-30~1000-PASS

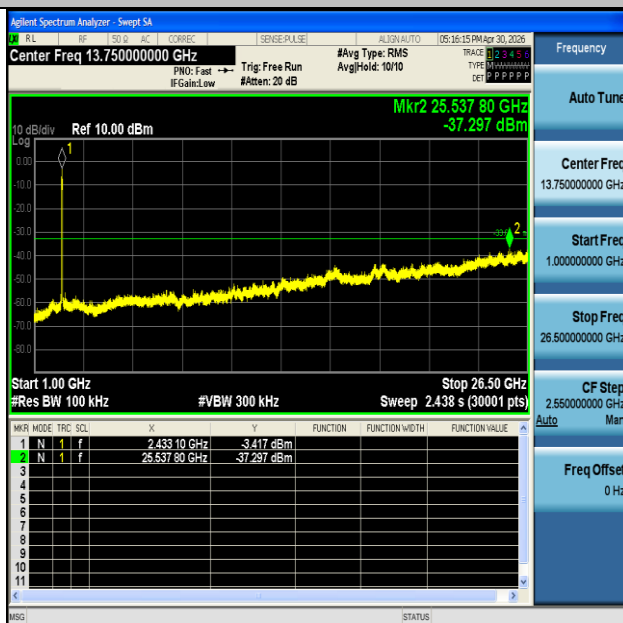


11N40MIMO-Ant2-2437-30~1000-PASS



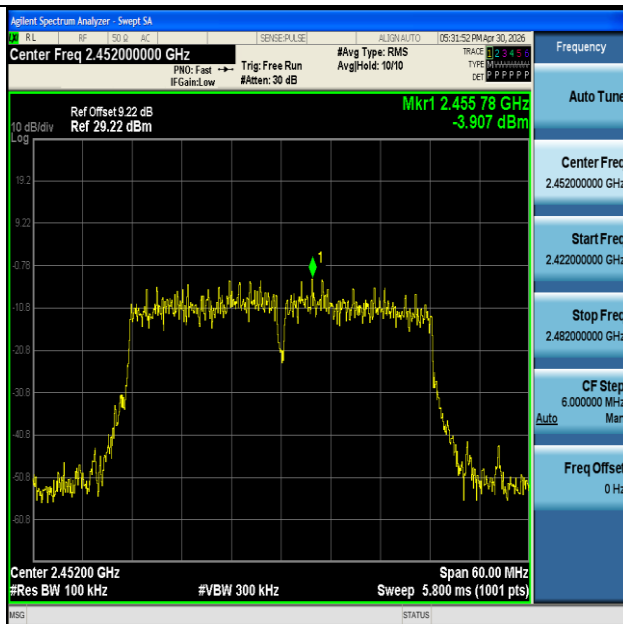


11N40MIMO-Ant1-2437-1000~26500-PASS

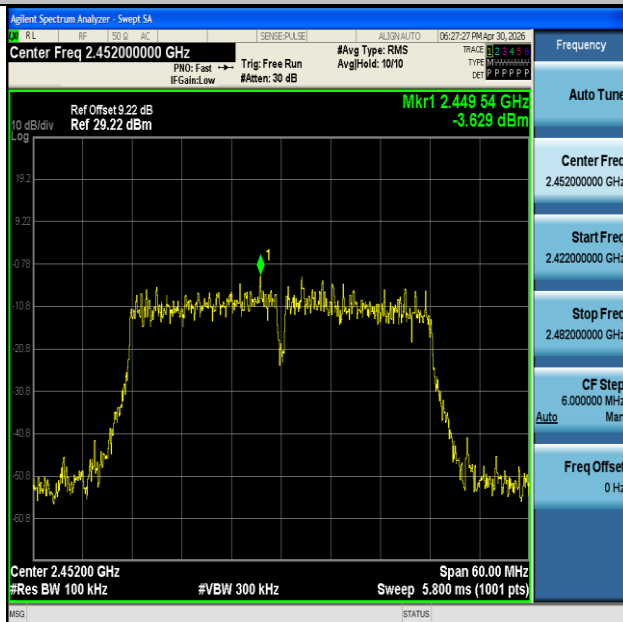


11N40MIMO-Ant2-2437-1000~26500-PASS



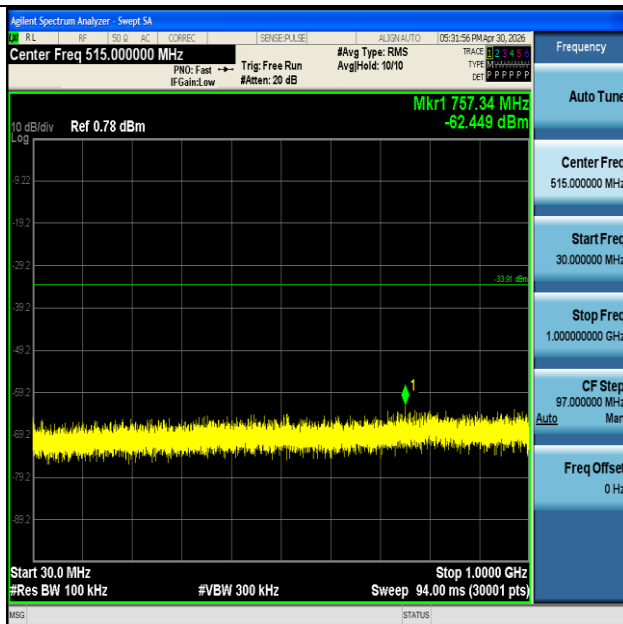


11N40MIMO-Ant1-2452-0~Reference-PASS

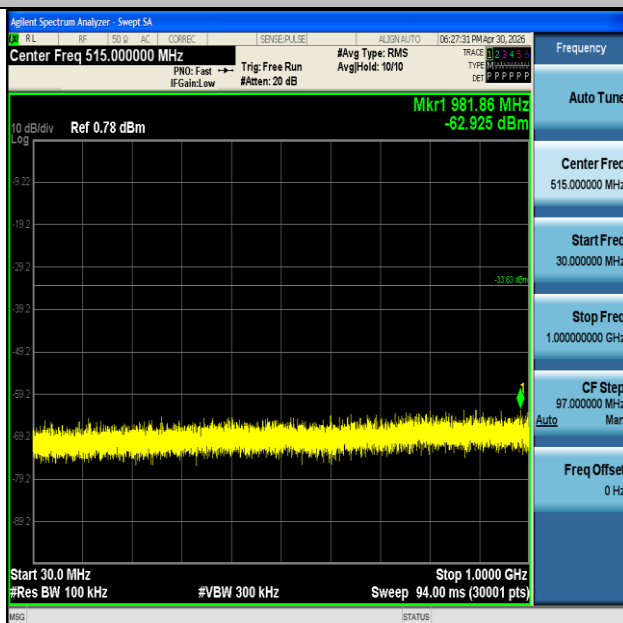


11N40MIMO-Ant2-2452-0~Reference-PASS



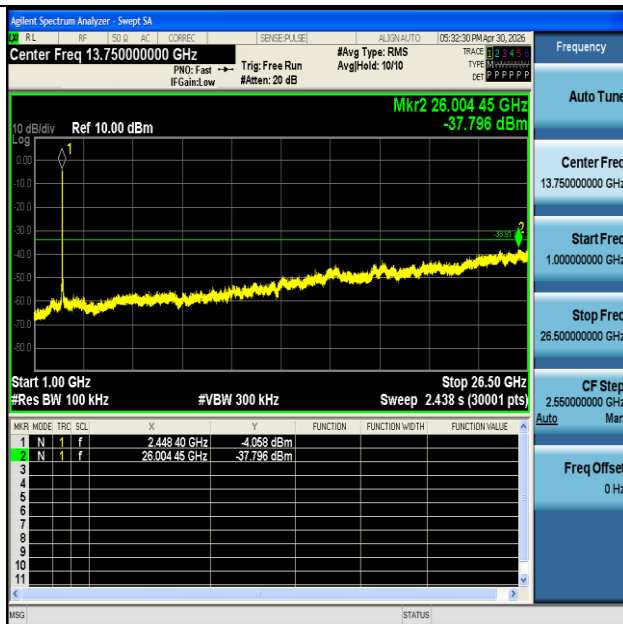


11N40MIMO-Ant1-2452-30~1000-PASS

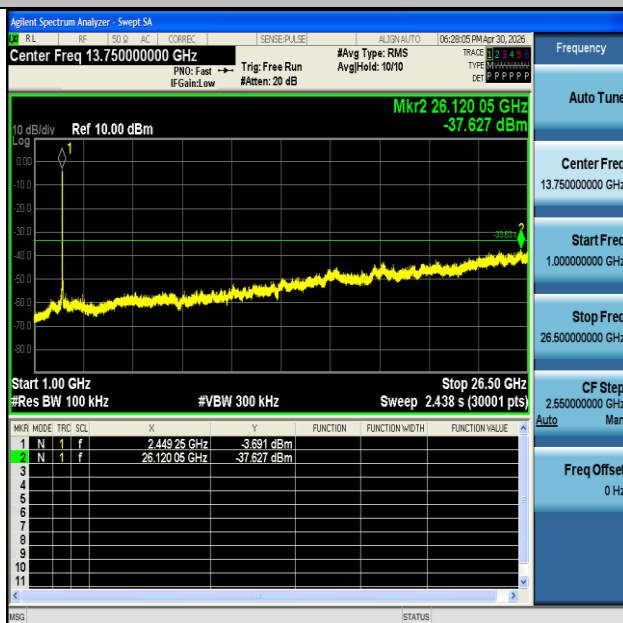


11N40MIMO-Ant2-2452-30~1000-PASS





11N40MIMO-Ant1-2452-1000~26500-PASS



11N40MIMO-Ant2-2452-1000~26500-PASS





Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.38	8.43	99.41	0.03
11B	Ant2	2412	8.38	8.43	99.41	0.03
11B	Ant1	2437	8.38	8.41	99.64	0.02
11B	Ant2	2437	8.40	8.43	99.64	0.02
11B	Ant1	2462	8.39	8.42	99.64	0.02
11B	Ant2	2462	8.39	8.43	99.53	0.02
11G	Ant1	2412	1.39	1.44	96.53	0.15
11G	Ant2	2412	1.39	1.44	96.53	0.15
11G	Ant1	2437	1.39	1.44	96.53	0.15
11G	Ant2	2437	1.39	1.43	97.20	0.12
11G	Ant1	2462	1.40	1.44	97.22	0.12
11G	Ant2	2462	1.39	1.44	96.53	0.15
11N20MIMO	Ant1	2412	0.17	0.21	80.95	0.92
11N20MIMO	Ant2	2412	0.17	0.21	80.95	0.92
11N20MIMO	Ant1	2437	0.16	0.21	76.19	1.18
11N20MIMO	Ant2	2437	0.16	0.21	76.19	1.18
11N20MIMO	Ant1	2462	0.16	0.20	80.00	0.97
11N20MIMO	Ant2	2462	0.17	0.21	80.95	0.92
11N40MIMO	Ant1	2422	0.10	0.15	66.67	1.76
11N40MIMO	Ant2	2422	0.10	0.14	71.43	1.46
11N40MIMO	Ant1	2437	0.10	0.14	71.43	1.46
11N40MIMO	Ant2	2437	0.10	0.14	71.43	1.46
11N40MIMO	Ant1	2452	0.10	0.14	71.43	1.46
11N40MIMO	Ant2	2452	0.10	0.14	71.43	1.46

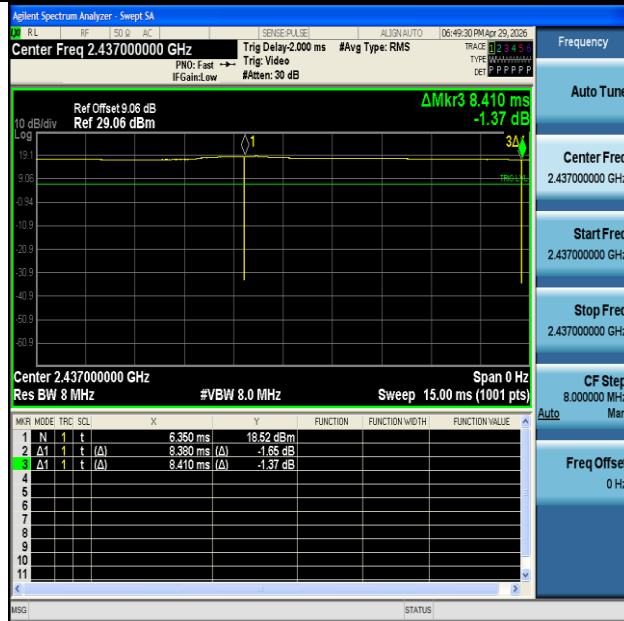
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)



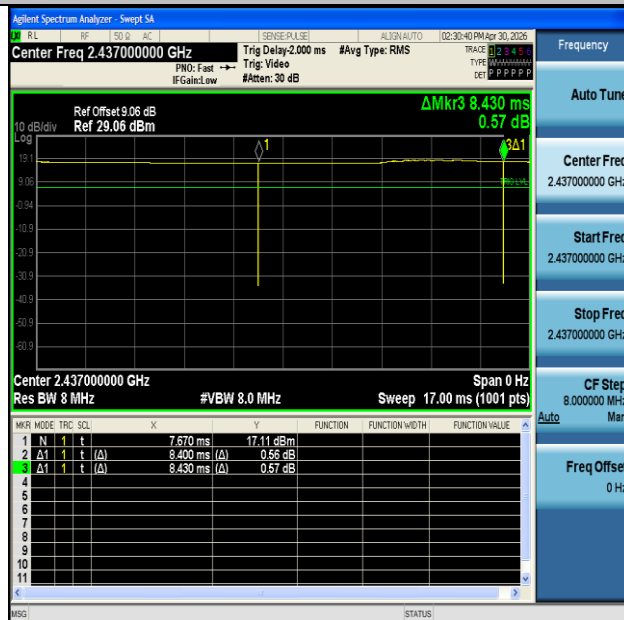


Test Graphs



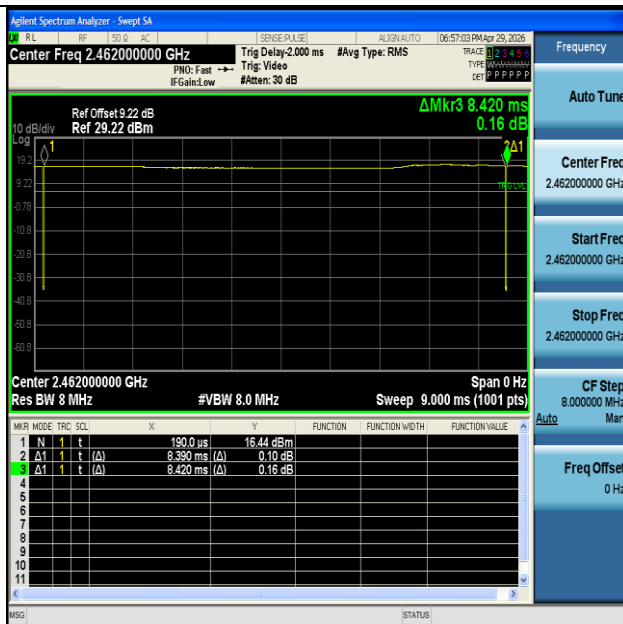


NTNV-11B-Ant1-2437

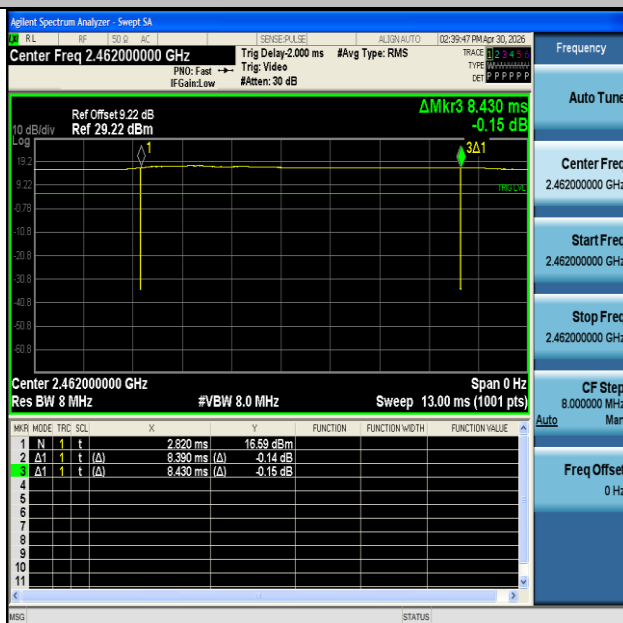


NTNV-11B-Ant2-2437



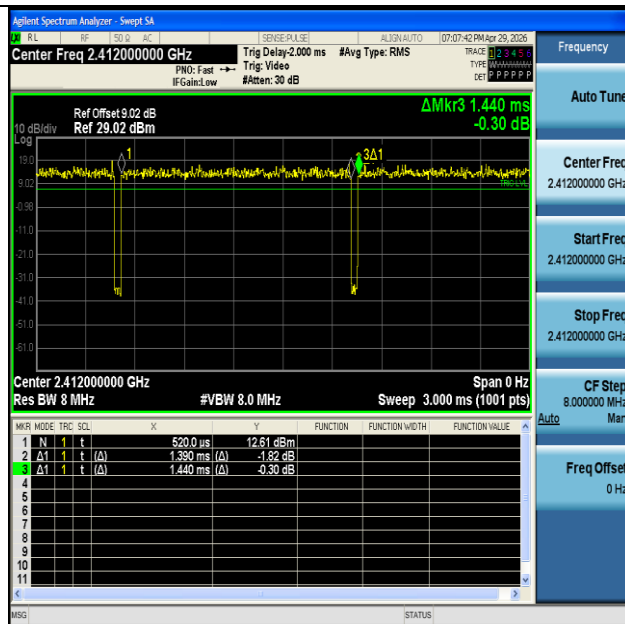


NTNV-11B-Ant1-2462

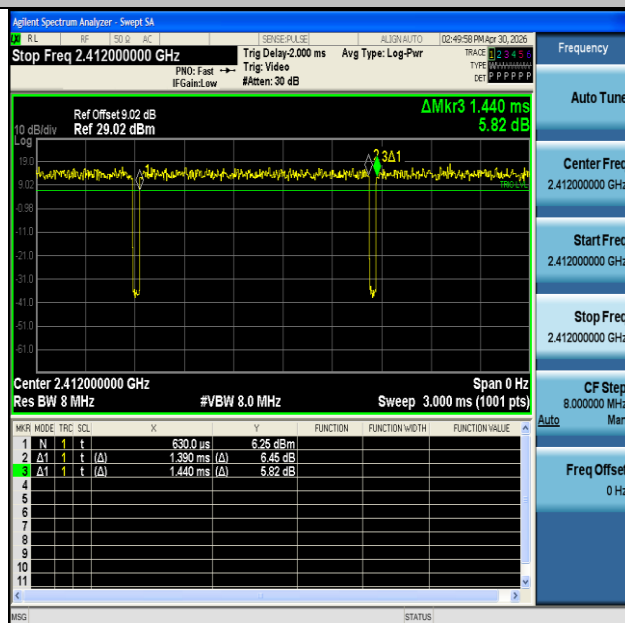


NTNV-11B-Ant2-2462



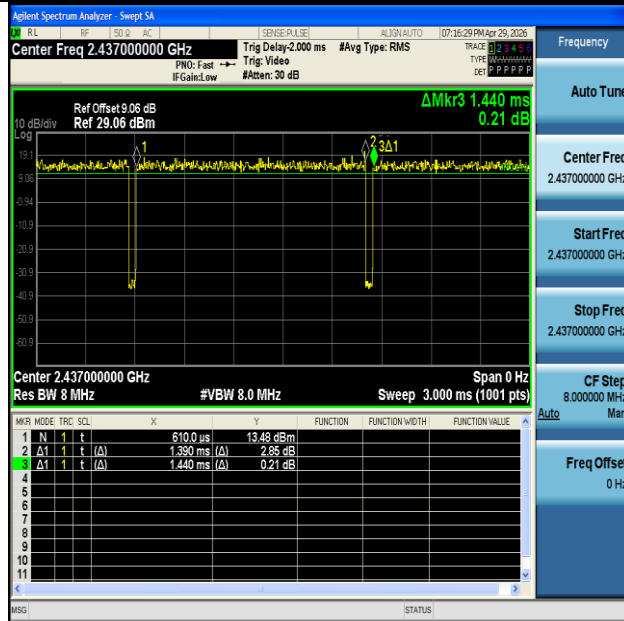


NTNV-11G-Ant1-2412

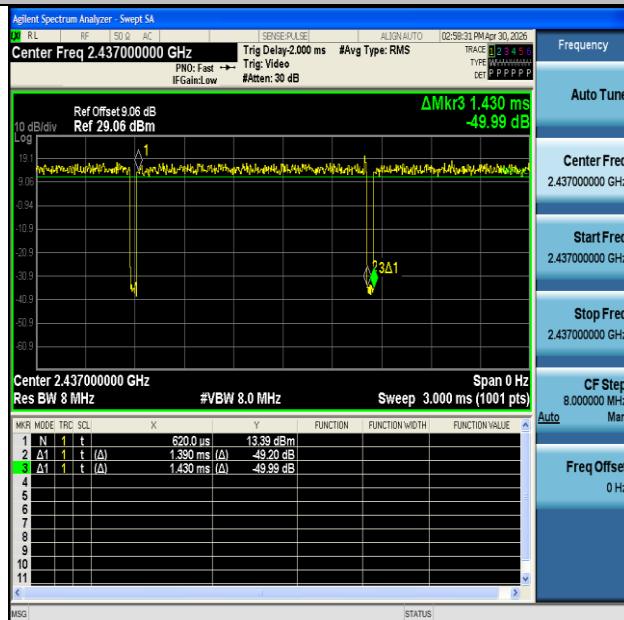


NTNV-11G-Ant2-2412



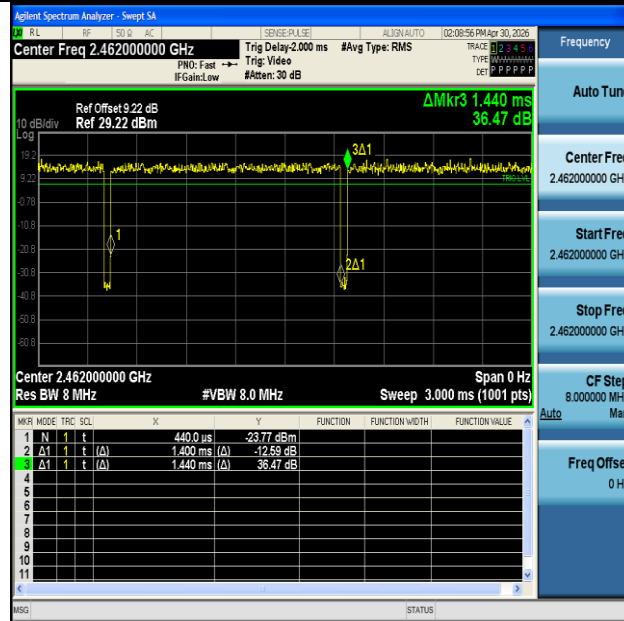


NTNV-11G-Ant1-2437

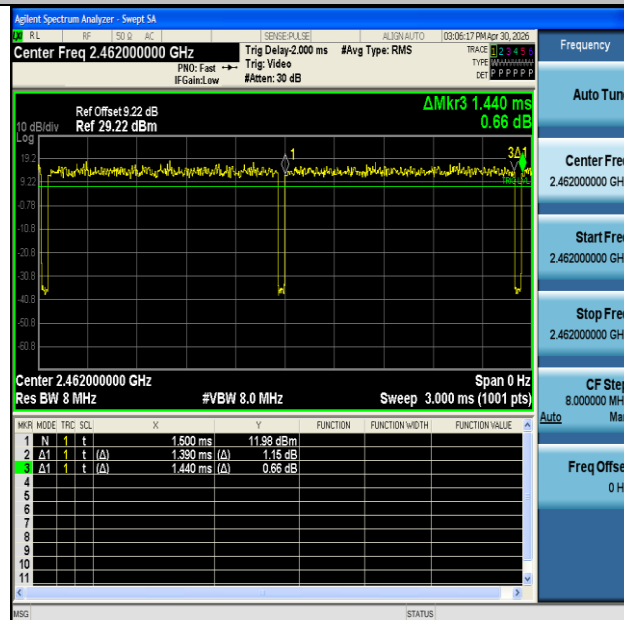


NTNV-11G-Ant2-2437



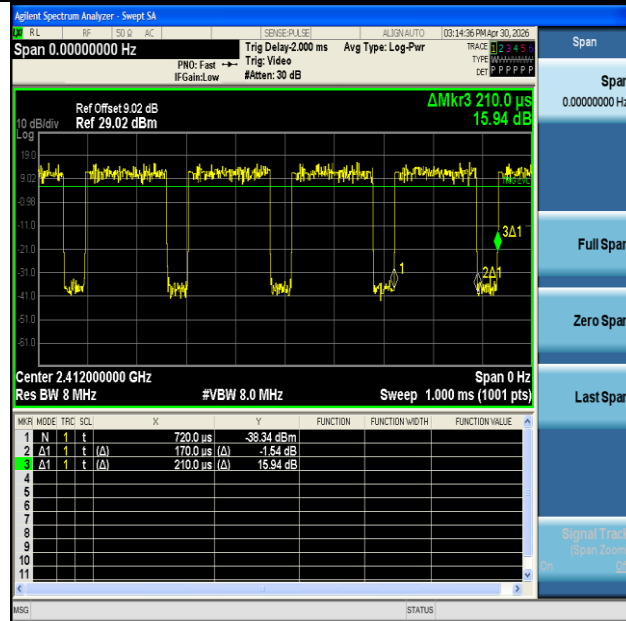


NTNV-11G-Ant1-2462

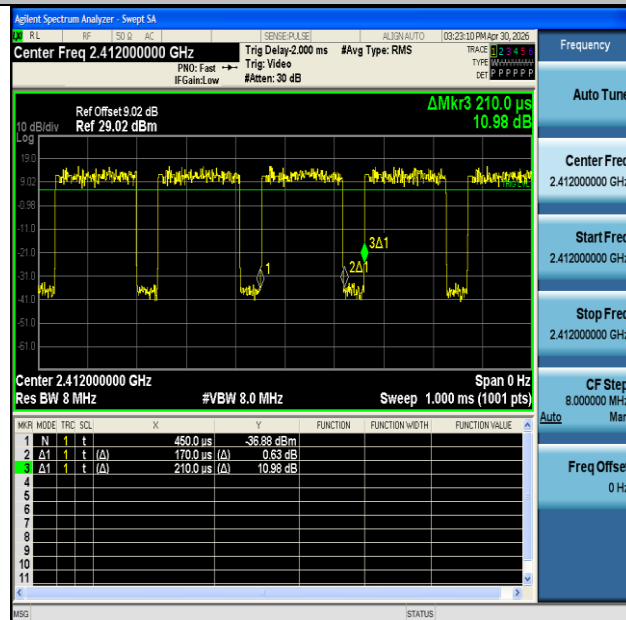


NTNV-11G-Ant2-2462





NTVN-11N20MIMO-Ant1-2412



NTVN-11N20MIMO-Ant2-2412

