

Appendix A: Test Results of Wi-Fi 802.11 b/g/n

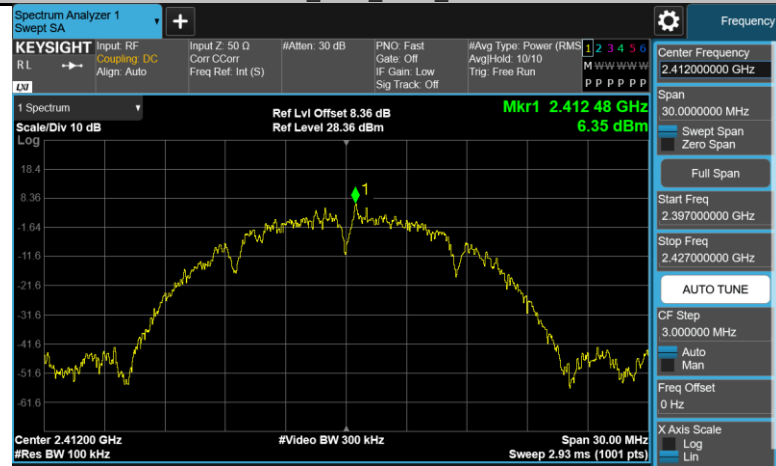
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Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

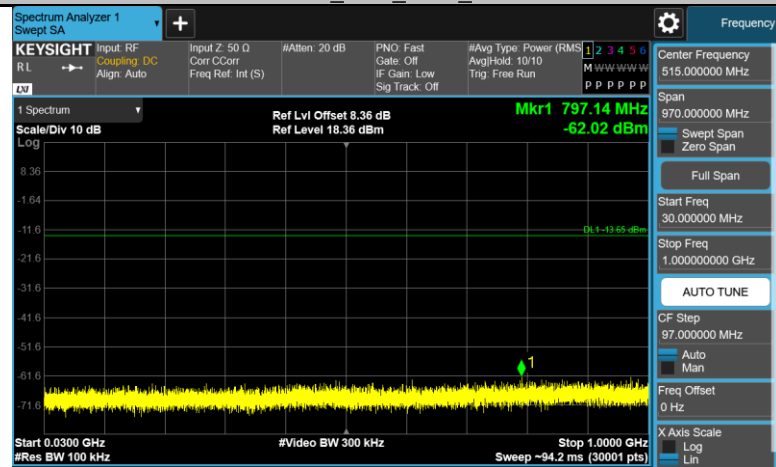
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-SISO	Ant1	2412	Reference	6.35	6.35	---	PASS
			30~1000	6.35	-62.02	≤-13.65	PASS
			1000~26500	6.35	-49.59	≤-13.65	PASS
		2437	Reference	5.49	5.49	---	PASS
			30~1000	5.49	-62.38	≤-14.51	PASS
			1000~26500	5.49	-46.37	≤-14.51	PASS
		2462	Reference	4.87	4.87	---	PASS
			30~1000	4.87	-61.56	≤-15.13	PASS
			1000~26500	4.87	-45.23	≤-15.13	PASS
11G-SISO	Ant1	2412	Reference	2.38	2.38	---	PASS
			30~1000	2.38	-62.56	≤-17.62	PASS
			1000~26500	2.38	-47.68	≤-17.62	PASS
		2437	Reference	2.87	2.87	---	PASS
			30~1000	2.87	-62.14	≤-17.13	PASS
			1000~26500	2.87	-51.43	≤-17.13	PASS
		2462	Reference	4.15	4.15	---	PASS
			30~1000	4.15	-62.43	≤-15.85	PASS
			1000~26500	4.15	-48.9	≤-15.85	PASS
11N20MIMO	Ant1	2412	Reference	1.49	1.49	---	PASS
			30~1000	1.49	-62.11	≤-18.51	PASS
			1000~26500	1.49	-50.89	≤-18.51	PASS
		2437	Reference	1.71	1.71	---	PASS
			30~1000	1.71	-61.68	≤-18.29	PASS
			1000~26500	1.71	-52.92	≤-18.29	PASS
		2462	Reference	3.12	3.12	---	PASS
			30~1000	3.12	-61.96	≤-16.88	PASS
			1000~26500	3.12	-51.03	≤-16.88	PASS
11N40MIMO	Ant1	2422	Reference	1.97	1.97	---	PASS
			30~1000	1.97	-61.46	≤-18.03	PASS
			1000~26500	1.97	-51.17	≤-18.03	PASS
		2437	Reference	2.00	2.00	---	PASS
			30~1000	2.00	-62.03	≤-18	PASS
			1000~26500	2.00	-53.27	≤-18	PASS
		2452	Reference	0.71	0.71	---	PASS
			30~1000	0.71	-62.63	≤-19.29	PASS
			1000~26500	0.71	-52.49	≤-19.29	PASS

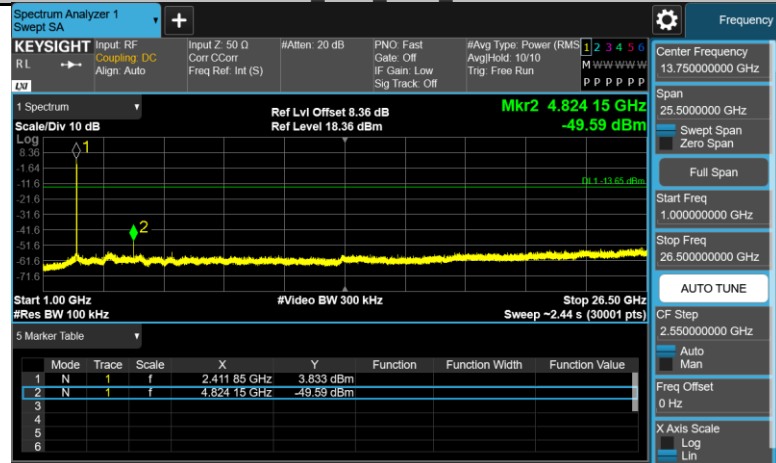
11B-SISO_Ant1_2412_0-Reference



11B-SISO_Ant1_2412_30-1000



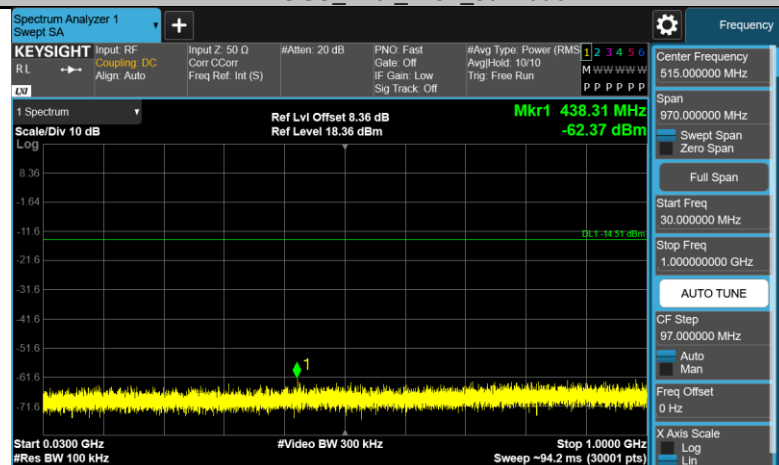
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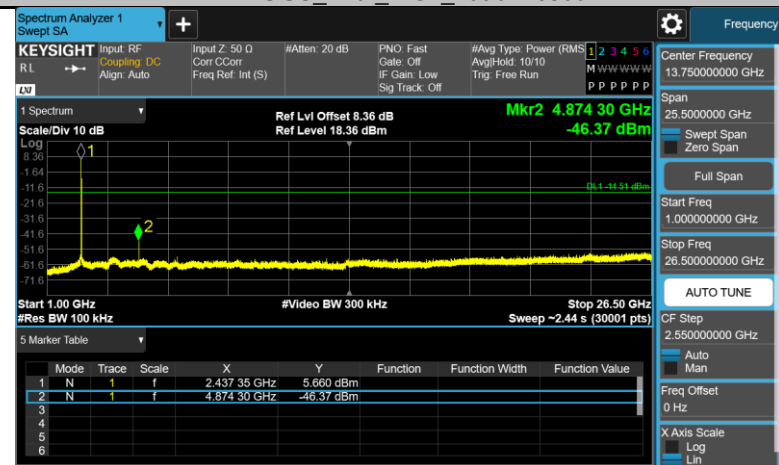
11B-SISO_Ant1_2437_0-Reference



11B-SISO_Ant1_2437_30~1000



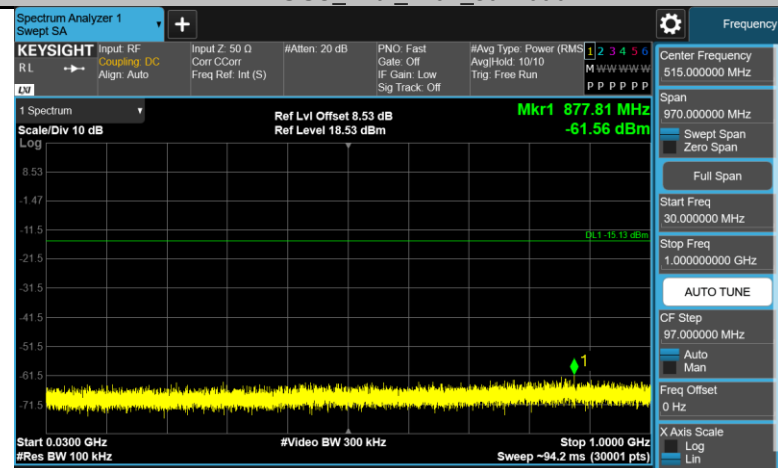
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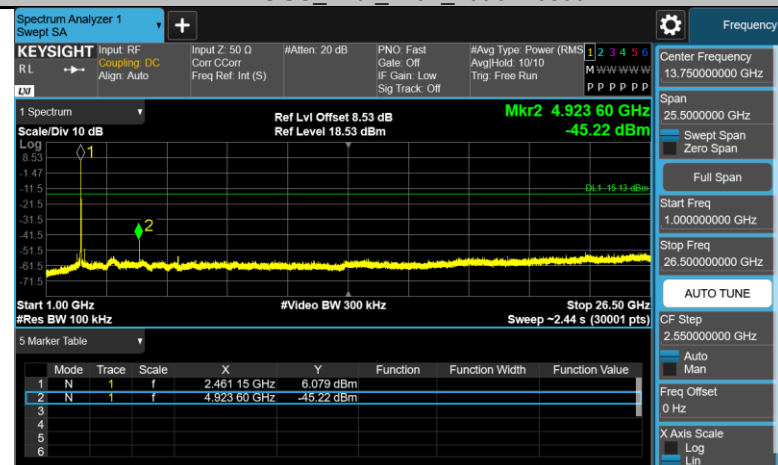
11B-SISO_Ant1_2462_0~Reference



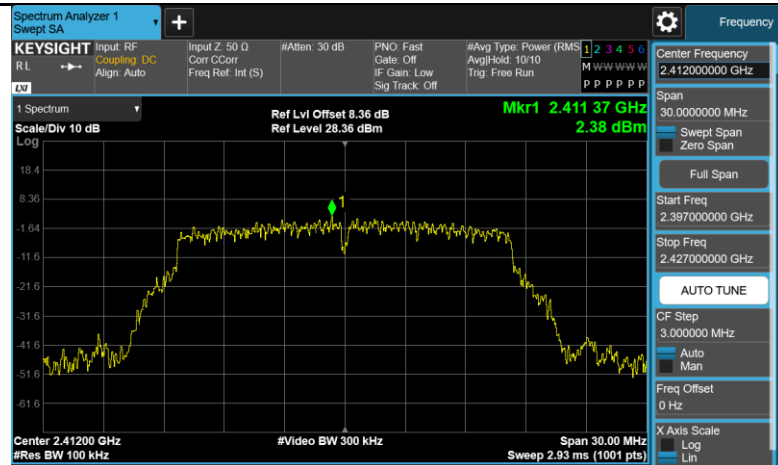
11B-SISO_Ant1_2462_30~1000



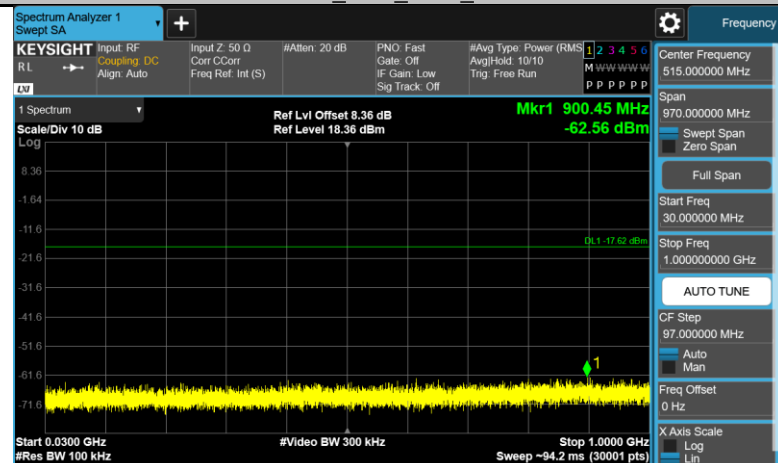
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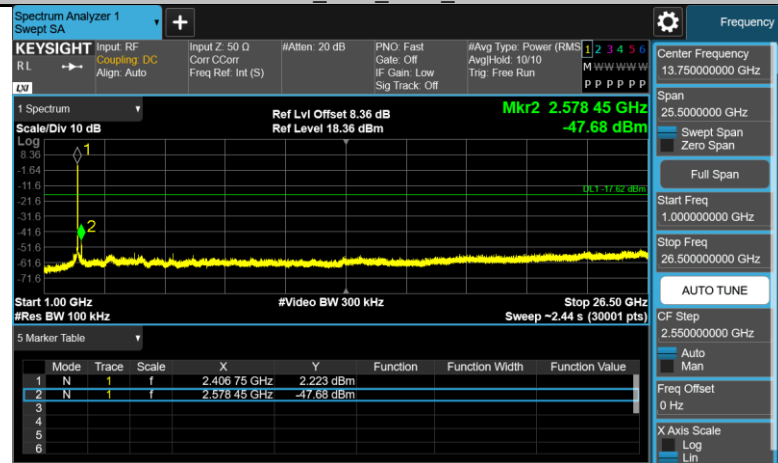
11G-SISO_Ant1_2412_0~Reference



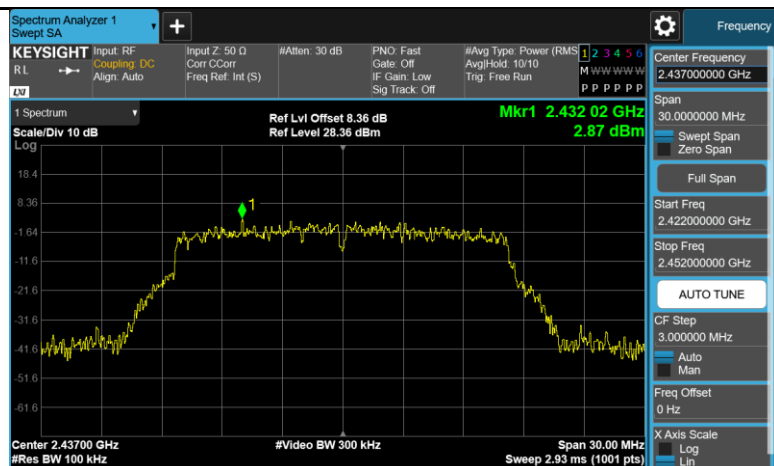
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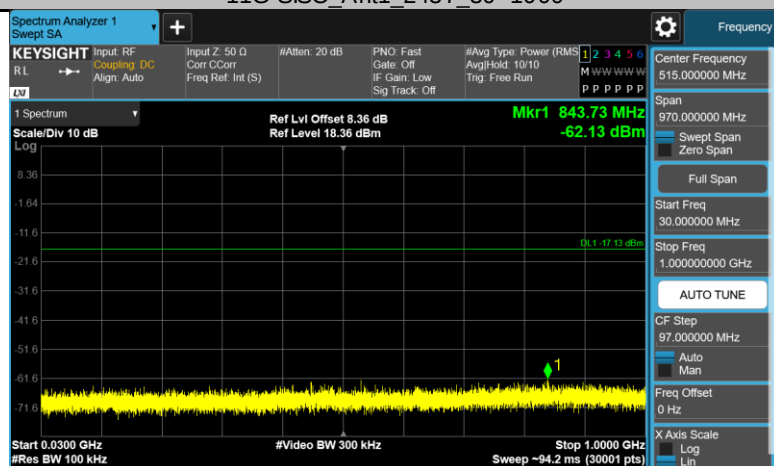
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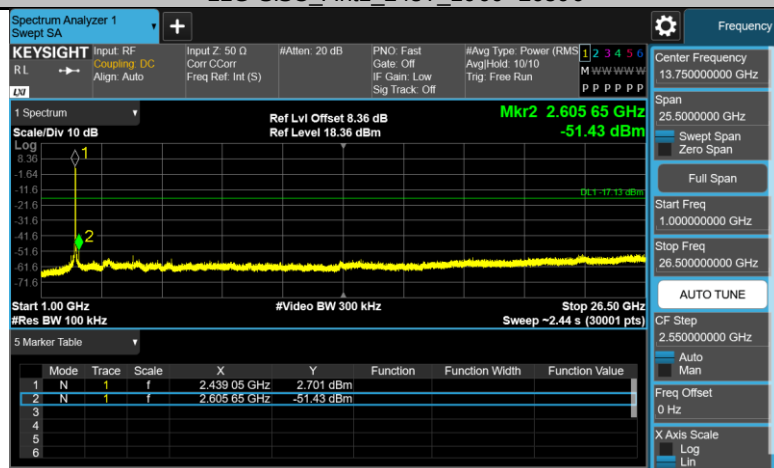
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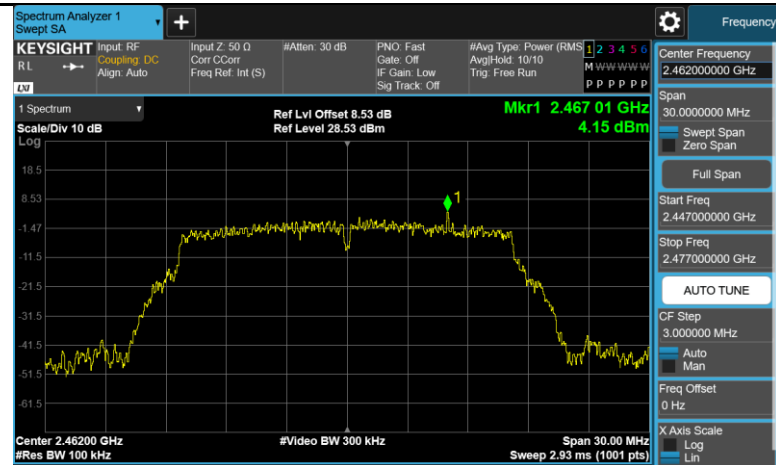
11G-SISO_Ant1_2437_30~1000



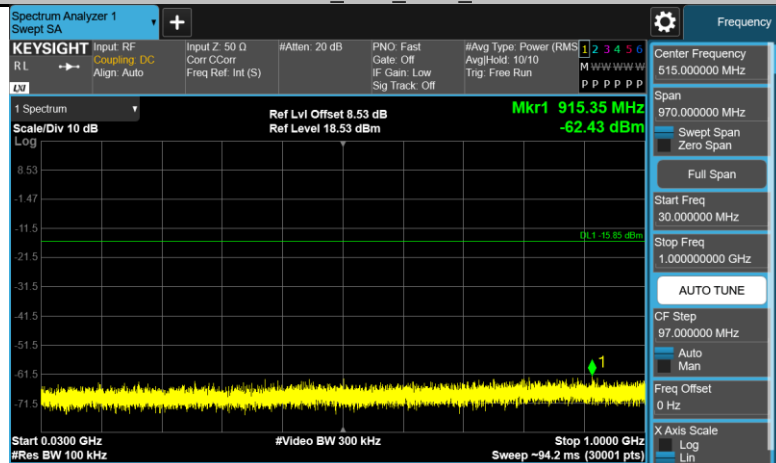
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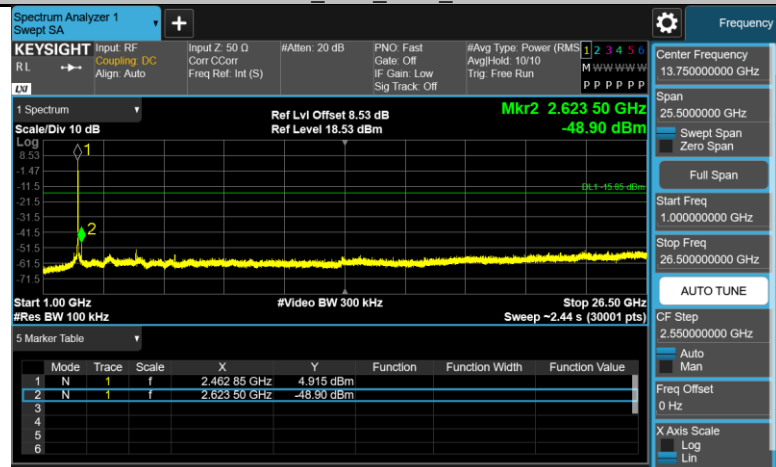
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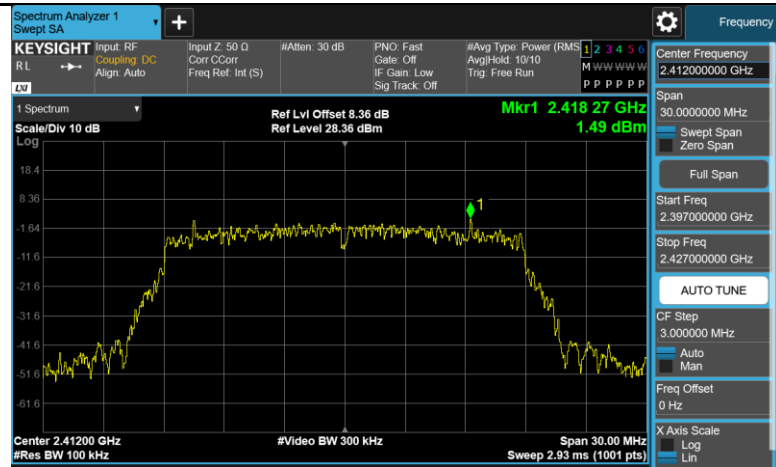
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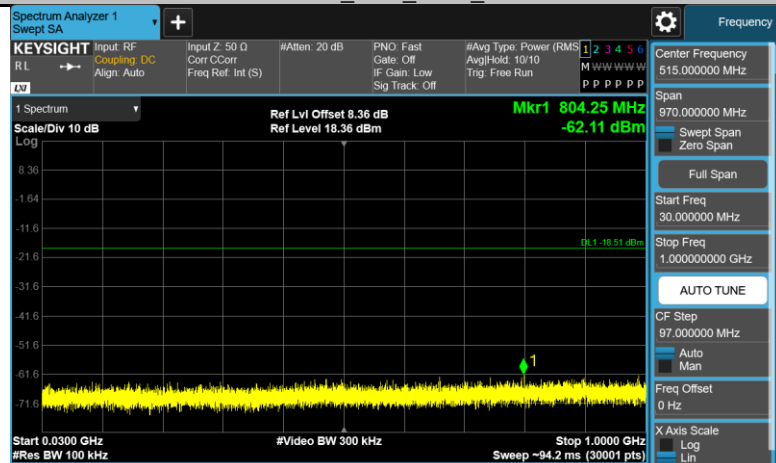
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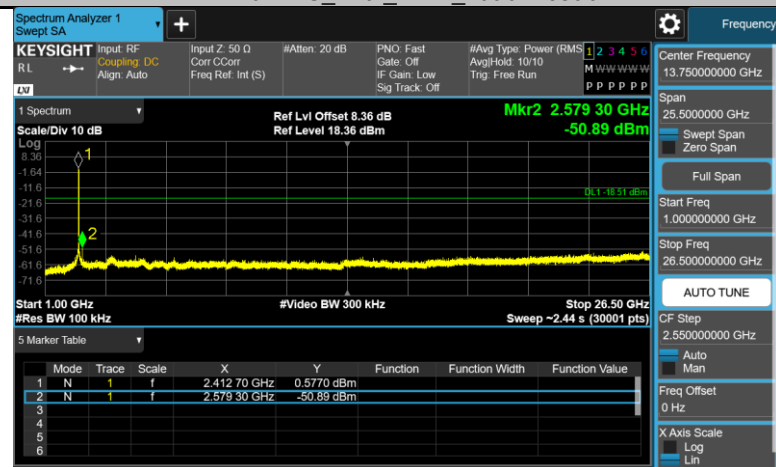
11N20MIMO_Ant1_2412_0~Reference



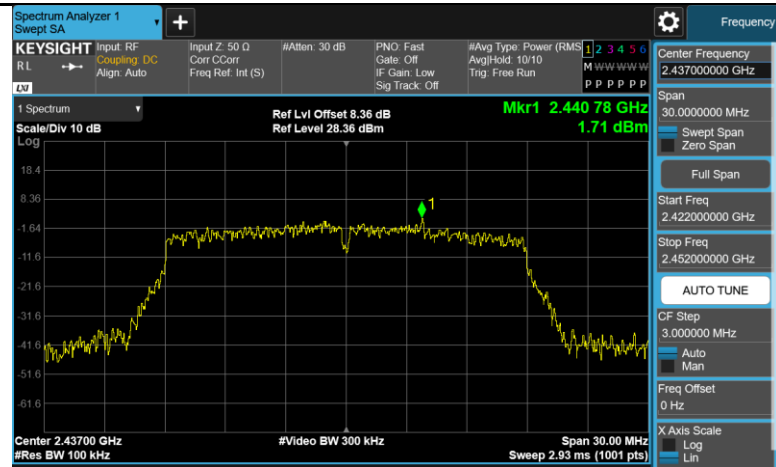
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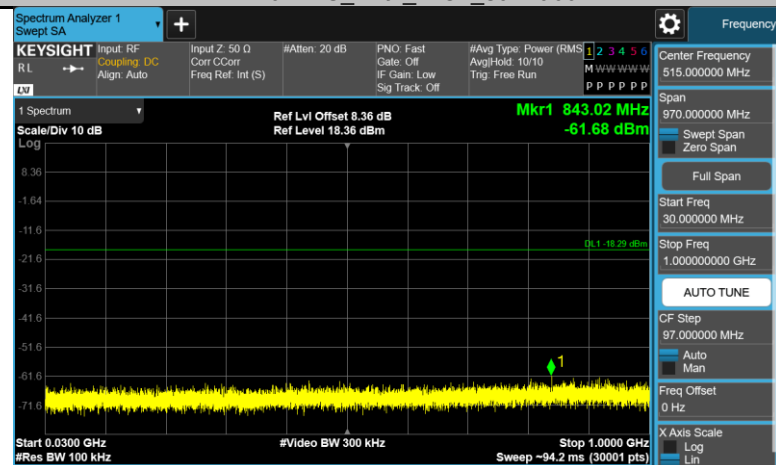
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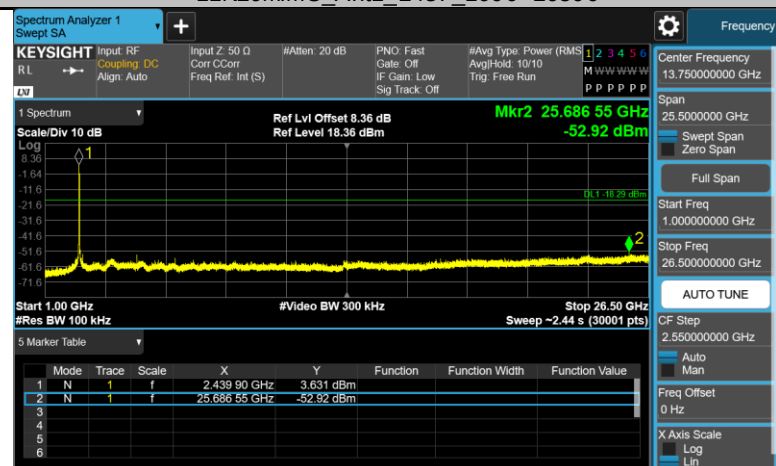
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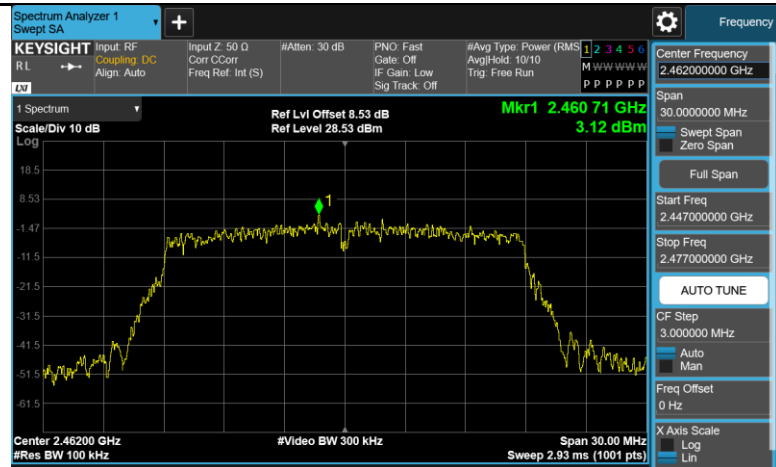
11N20MIMO_Ant1_2437_30~1000



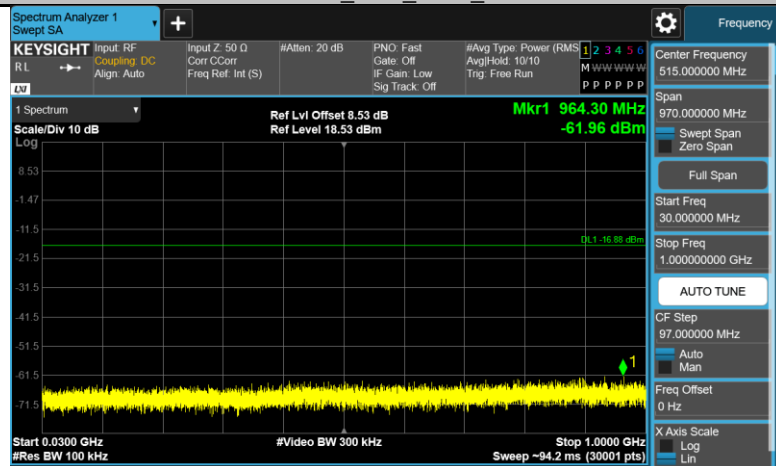
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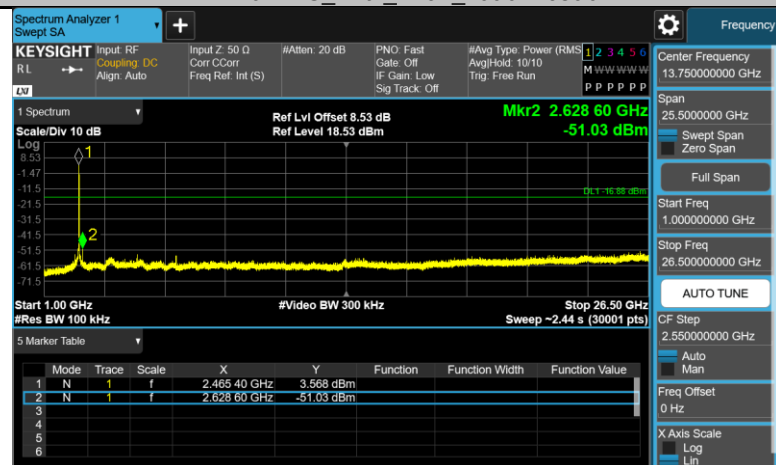
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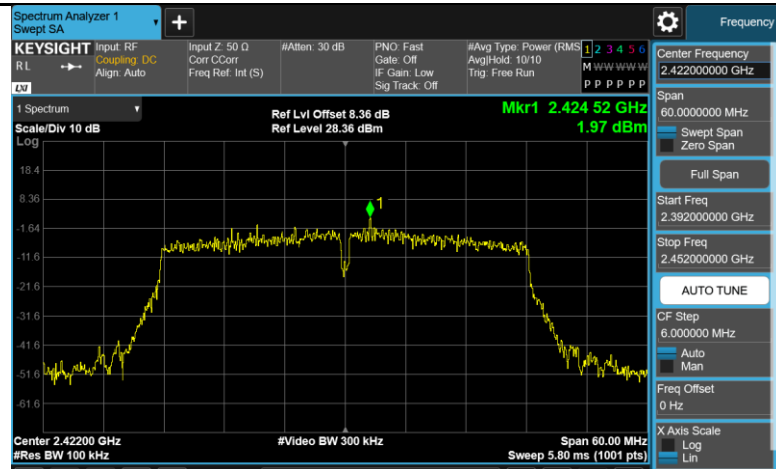
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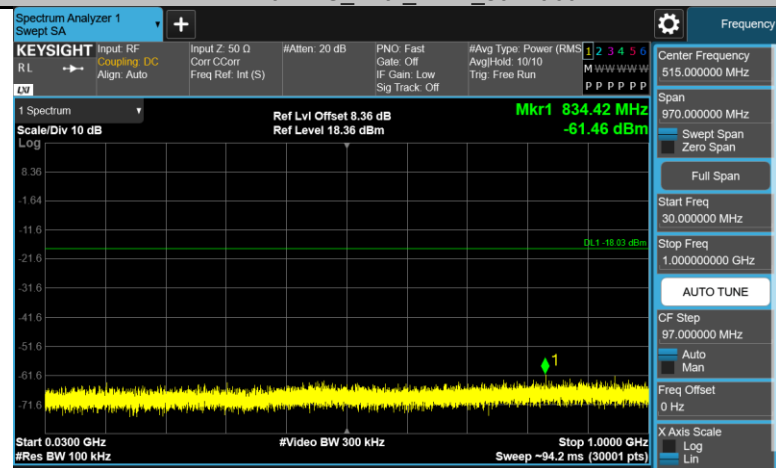
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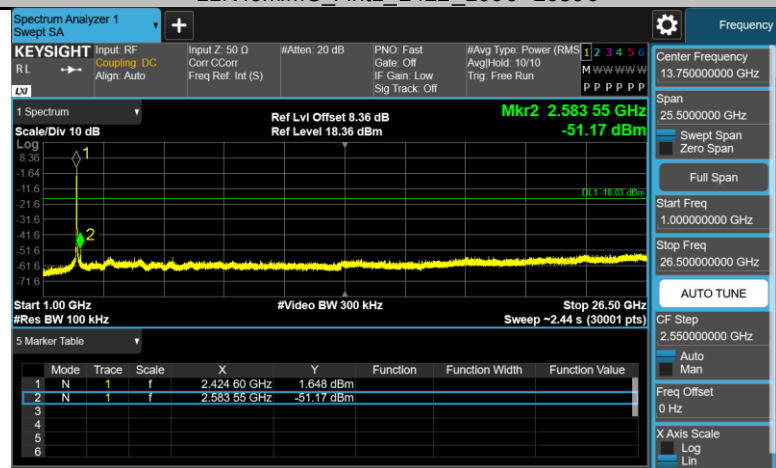
11N40MIMO_Ant1_2422_0~Reference



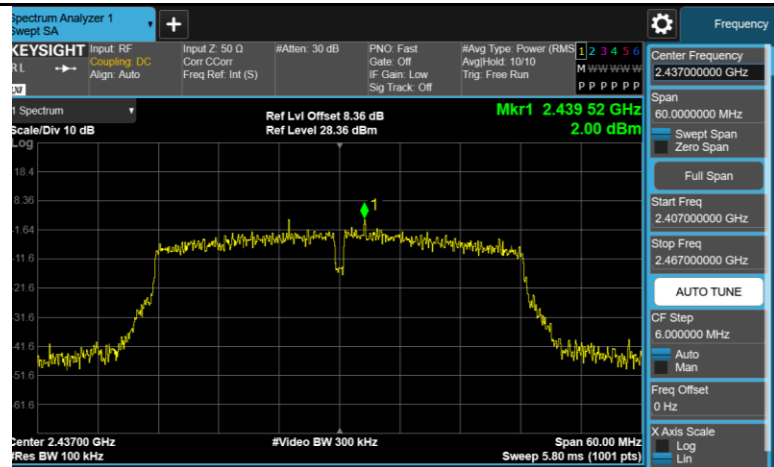
11N40MIMO_Ant1_2422_30~1000



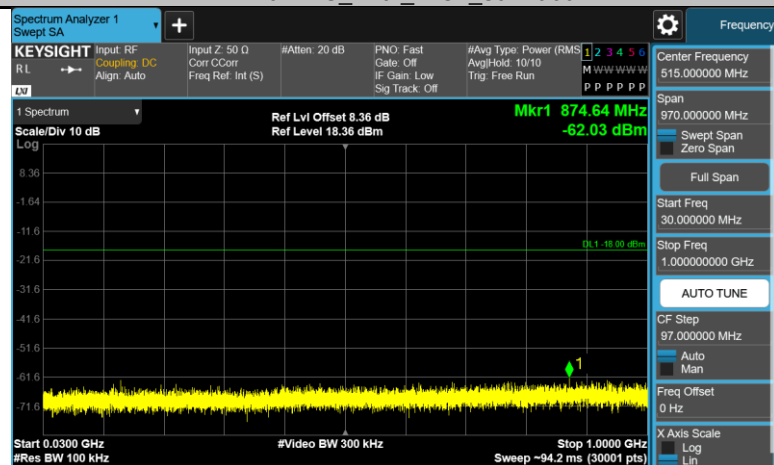
11N40MIMO_Ant1_2422_1000~26500



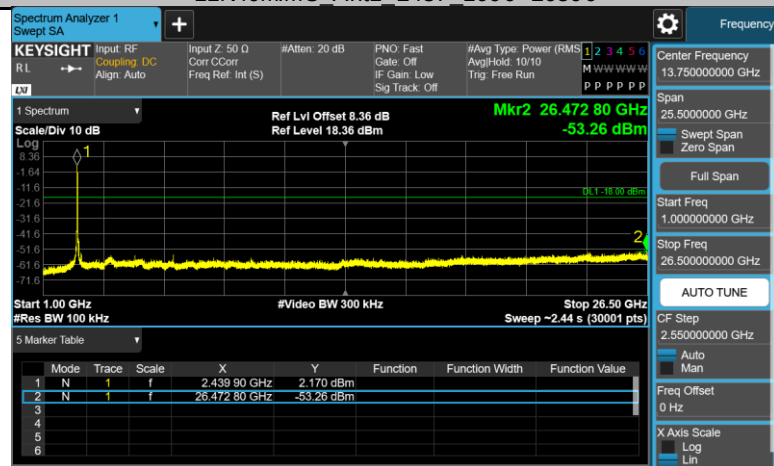
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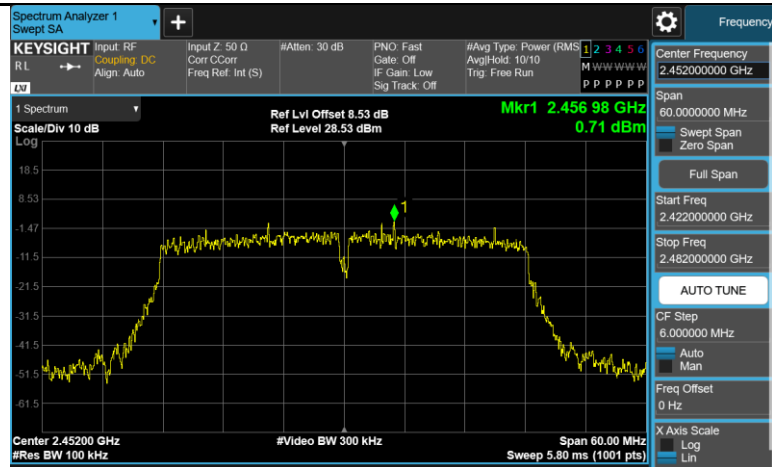
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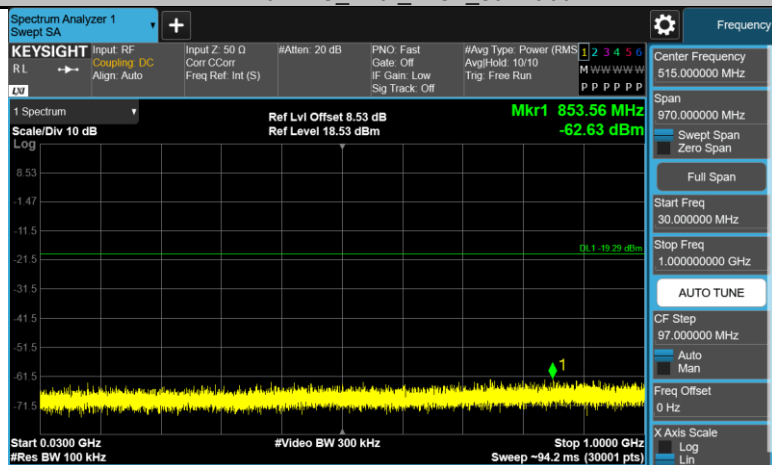
11N40MIMO_Ant1_2437_1000~26500



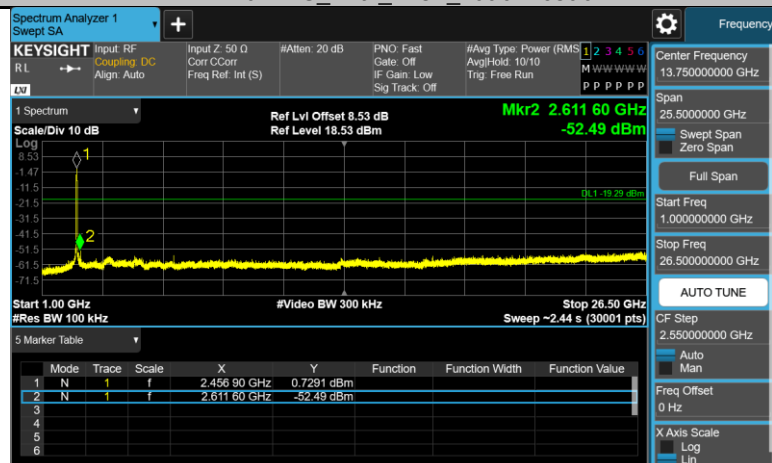
11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~1000



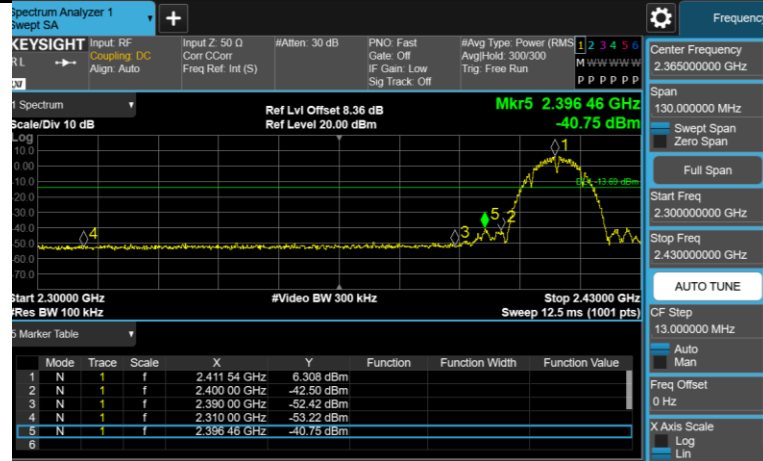
11N40MIMO_Ant1_2452_1000~26500



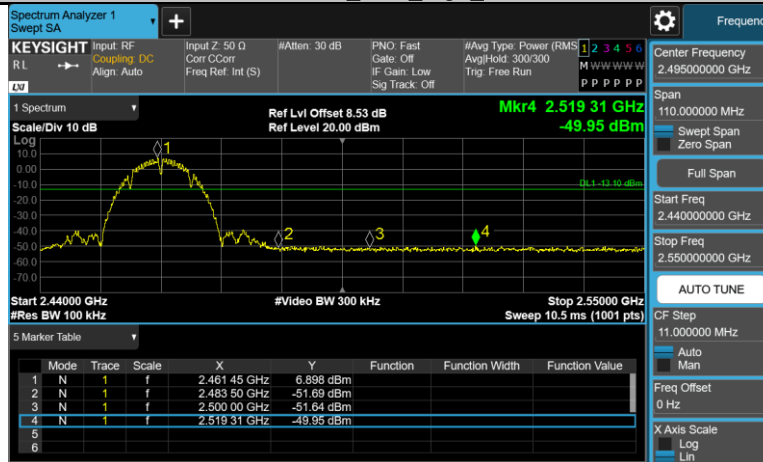
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-SISO	Ant1	Low	2412	6.31	-40.75	≤-13.69	PASS
		High	2462	6.90	-49.95	≤-13.1	PASS
11G-SISO	Ant1	Low	2412	4.35	-38.44	≤-15.65	PASS
		High	2462	5.47	-47.5	≤-14.53	PASS
11N20MIMO	Ant1	Low	2412	4.22	-39.72	≤-15.78	PASS
		High	2462	4.54	-48.42	≤-15.46	PASS
11N40MIMO	Ant1	Low	2422	1.98	-38.91	≤-18.02	PASS
		High	2452	1.51	-46.54	≤-18.49	PASS

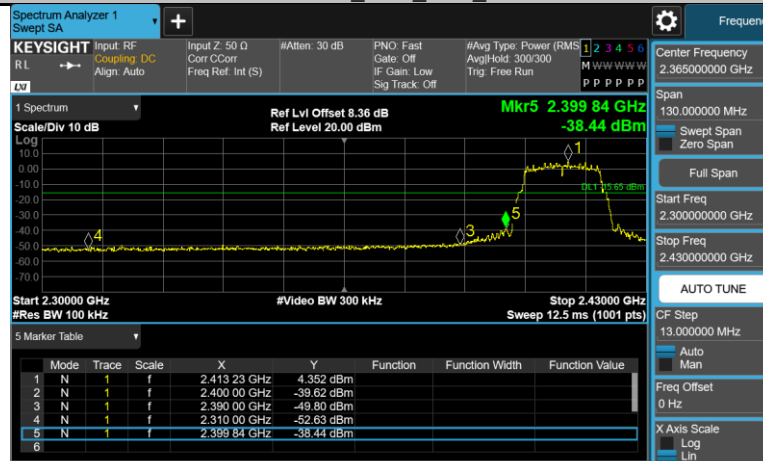
11B-SISO_Ant1_Low_2412



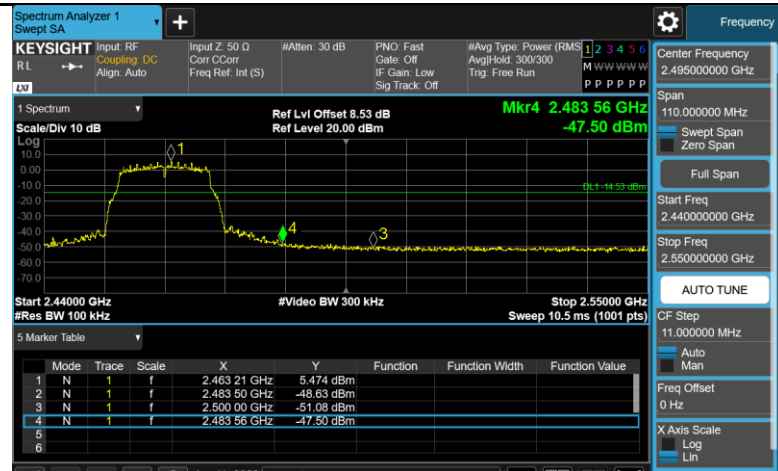
11B-SISO_Ant1_High_2462



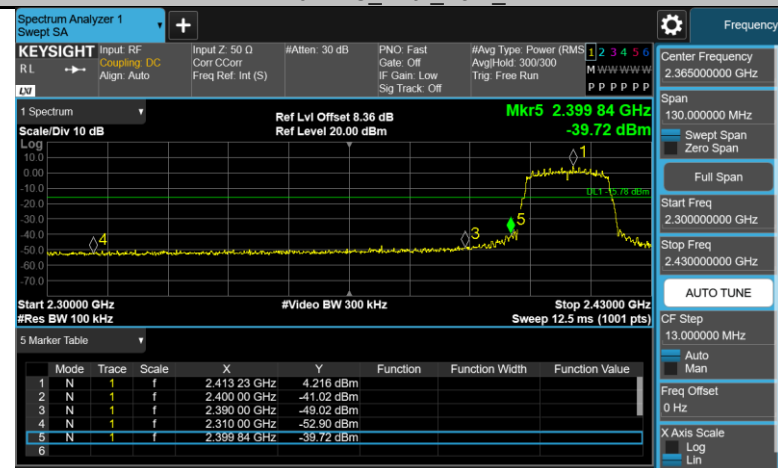
11G-SISO_Ant1_Low_2412



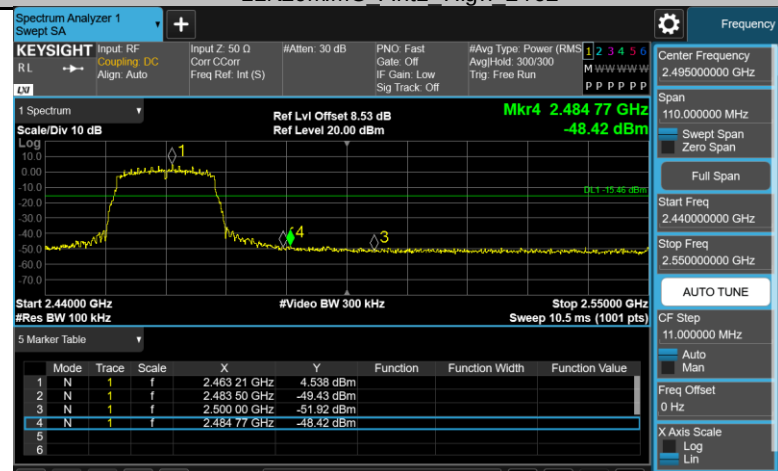
11G-SISO_Ant1_High_2462



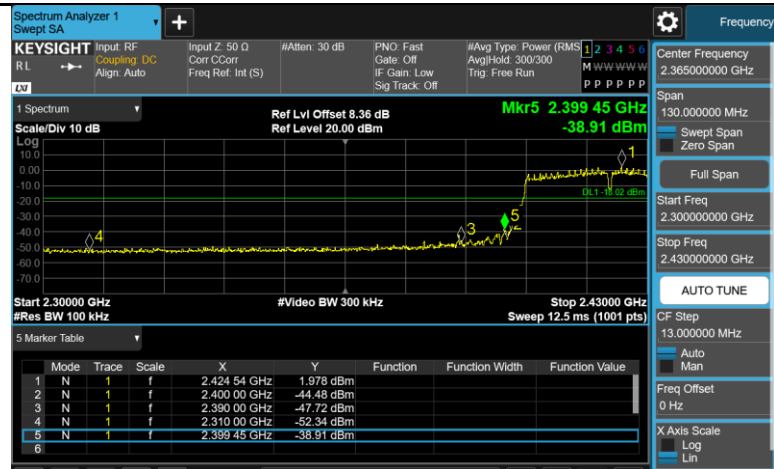
11N20MIMO_Ant1_Low_2412



11N20MIMO_Ant1_High_2462



11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant1_High_2452

