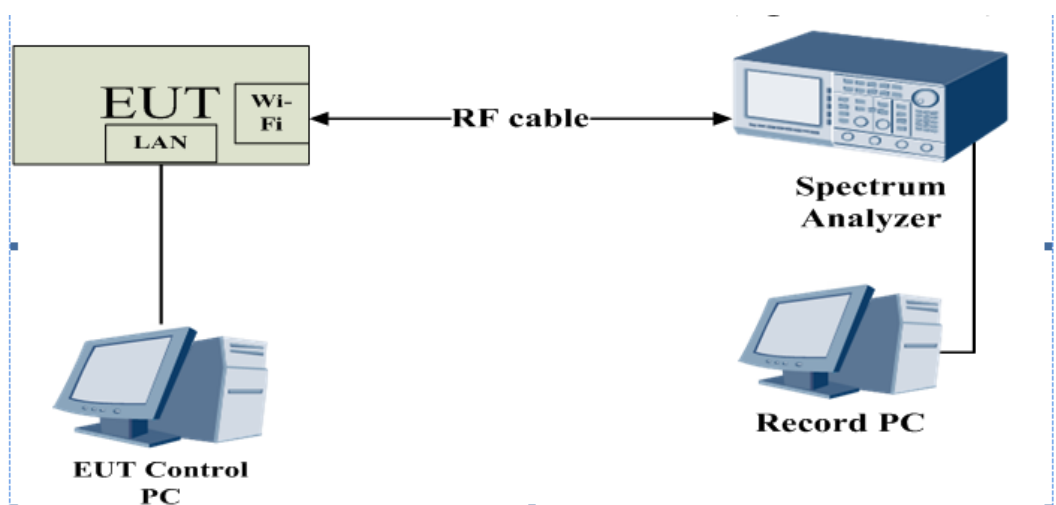


3.6.4 Test Setup



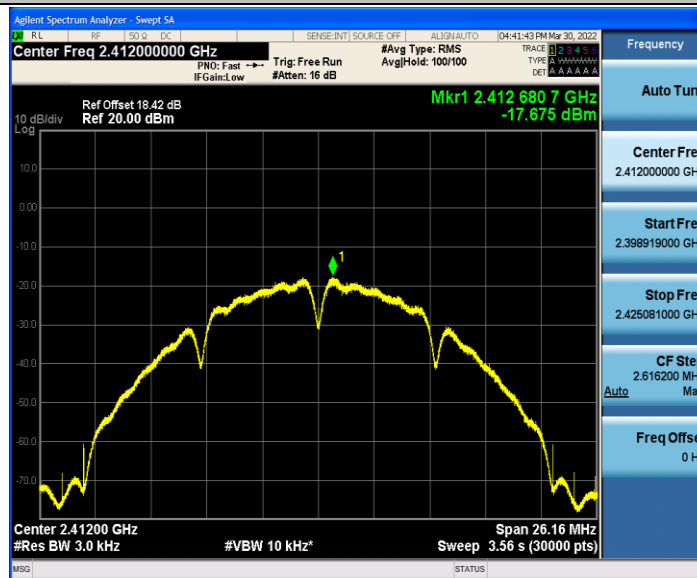
3.6.5 The Result

Test Mode	Antenna	Channel	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-17.68	≤6.49	PASS
	Ant2	2412	-17.50	≤6.49	PASS
	Ant1	2437	-17.71	≤6.49	PASS
	Ant2	2437	-18.51	≤6.49	PASS
	Ant1	2462	-18.82	≤6.49	PASS
	Ant2	2462	-18.91	≤6.49	PASS
11G	Ant1	2412	-15.09	≤6.49	PASS
	Ant2	2412	-15.77	≤6.49	PASS
	Ant1	2437	-10.97	≤6.49	PASS
	Ant2	2437	-12.11	≤6.49	PASS
	Ant1	2462	-16.66	≤6.49	PASS
	Ant2	2462	-16.88	≤6.49	PASS
11N20MIMO	Ant1	2412	-16.62	≤6.49	PASS
	Ant2	2412	-17.24	≤6.49	PASS
	total	2412	-13.91	≤6.49	PASS
	Ant1	2437	-12.45	≤6.49	PASS
	Ant2	2437	-12.29	≤6.49	PASS
	total	2437	-9.36	≤6.49	PASS
	Ant1	2462	-19.93	≤6.49	PASS
	Ant2	2462	-20.08	≤6.49	PASS
	total	2462	-16.99	≤6.49	PASS
11N40MIMO	Ant1	2422	-20.45	≤6.49	PASS
	Ant2	2422	-19.72	≤6.49	PASS
	total	2422	-17.06	≤6.49	PASS
	Ant1	2437	-19.07	≤6.49	PASS
	Ant2	2437	-19.87	≤6.49	PASS
	total	2437	-16.44	≤6.49	PASS
	Ant1	2452	-21.86	≤6.49	PASS
	Ant2	2452	-22.12	≤6.49	PASS
	total	2452	-18.98	≤6.49	PASS

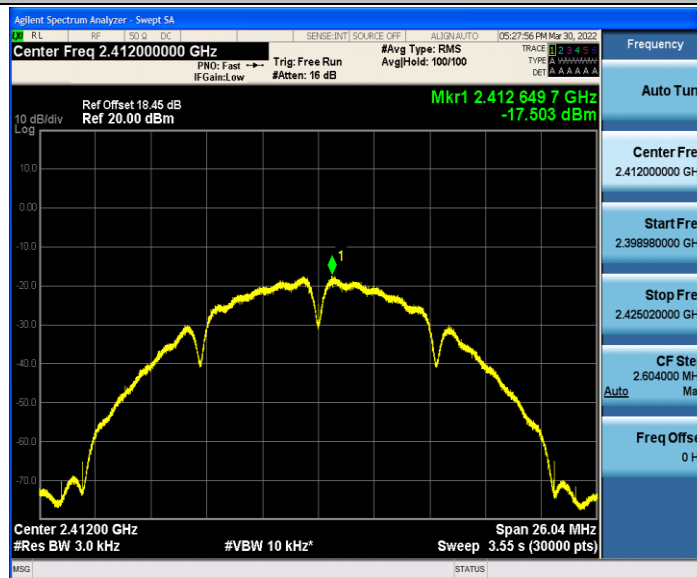
Frequency Band	ANT 1 Antenna Gain (dBi)	ANT 2 Antenna Gain (dBi)	Correlated chains directional gain (dBi)	Power Spectral Density Limit (dBm)
2400 MHz to 2483.5 MHz	4.50	4.50	7.51	6.49
Basic methodology with <i>NANT</i> transmit antennas, each with the same directional gain <i>GANT</i> dBi, being driven by <i>NANT</i> transmitter outputs of equal power. Directional gain is to be computed as follows: If any transmit signals are <i>correlated</i> with each other,				

Directional gain = GANT + 10 log(NANT) dBi

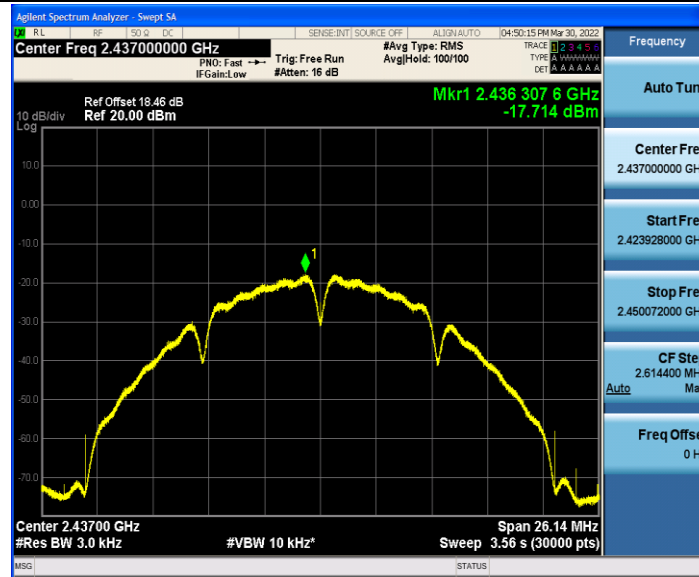
11B_Ant1_2412



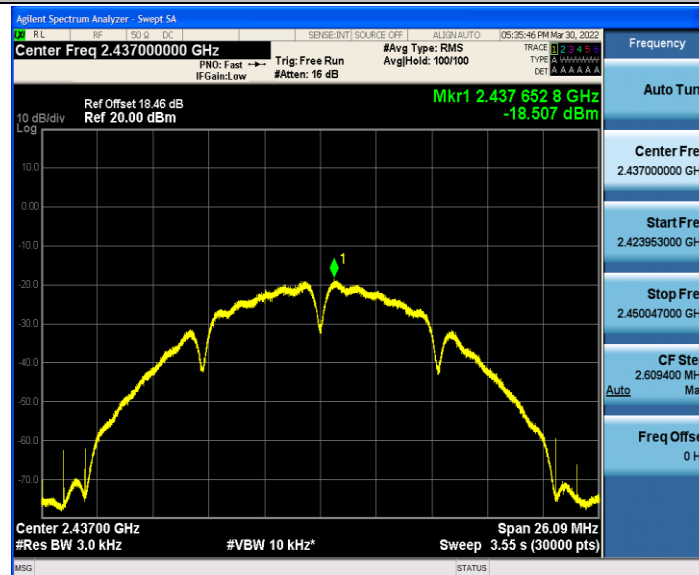
11B_Ant2_2412



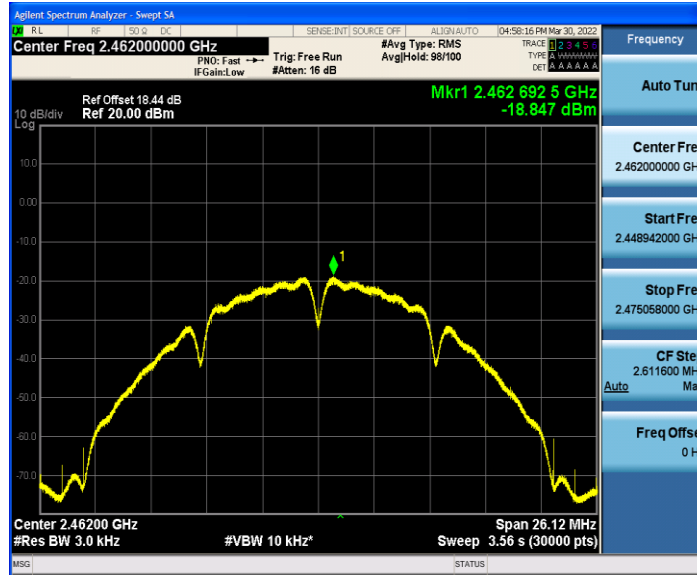
11B_Ant1_2437



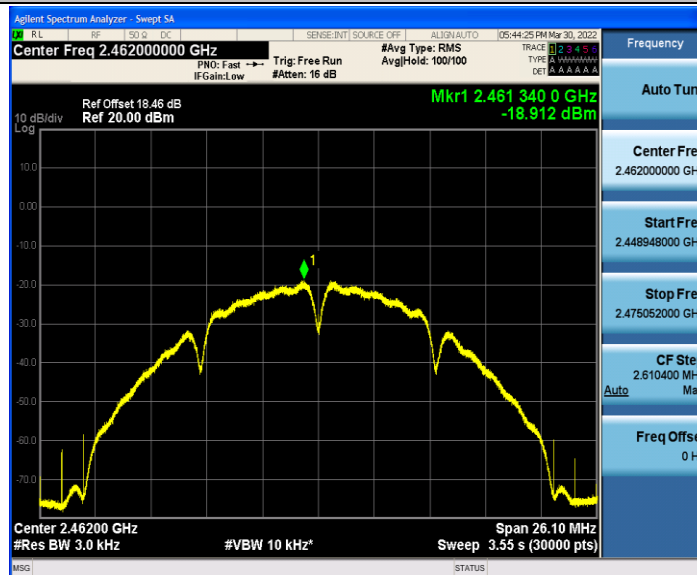
11B_Ant2_2437



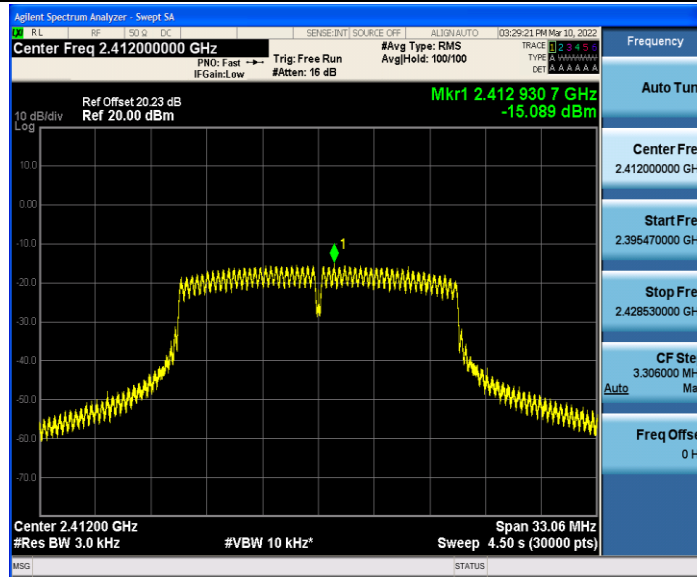
11B_Ant1_2462



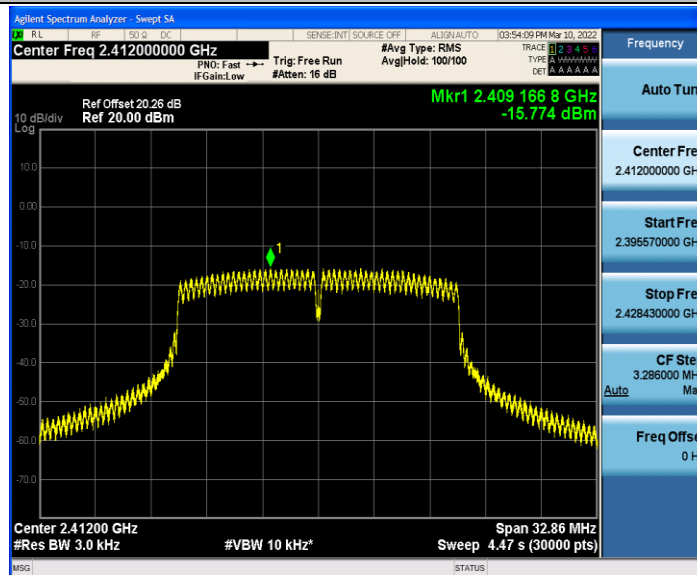
11B_Ant2_2462



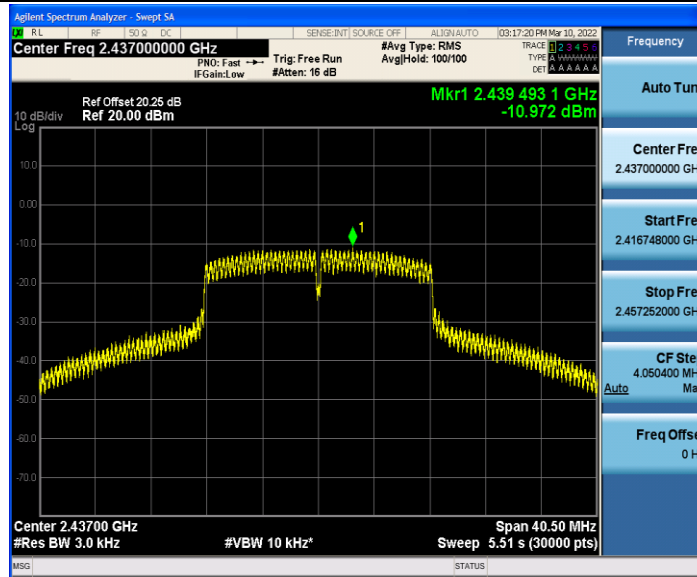
11G_Ant1_2412



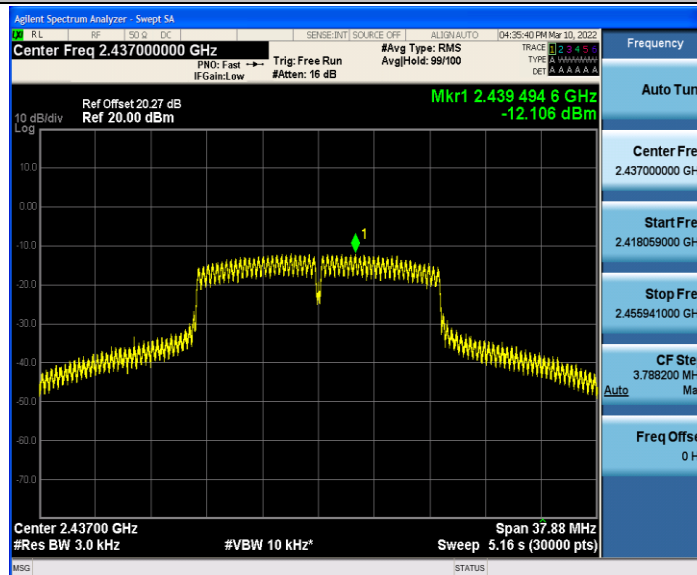
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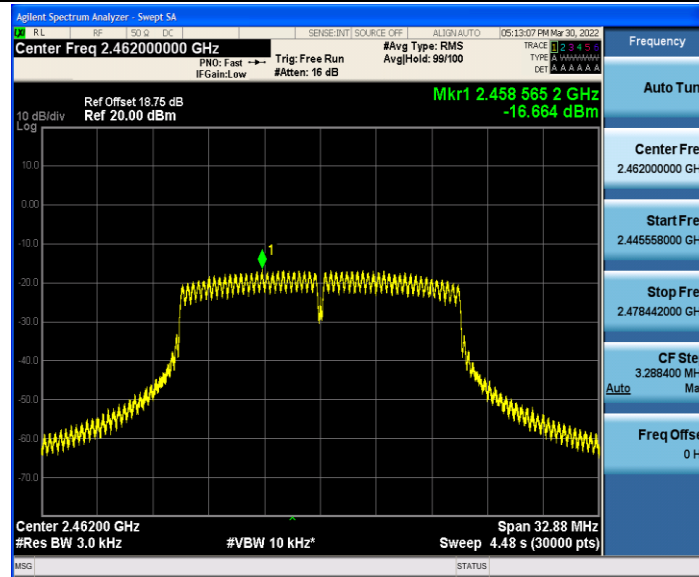
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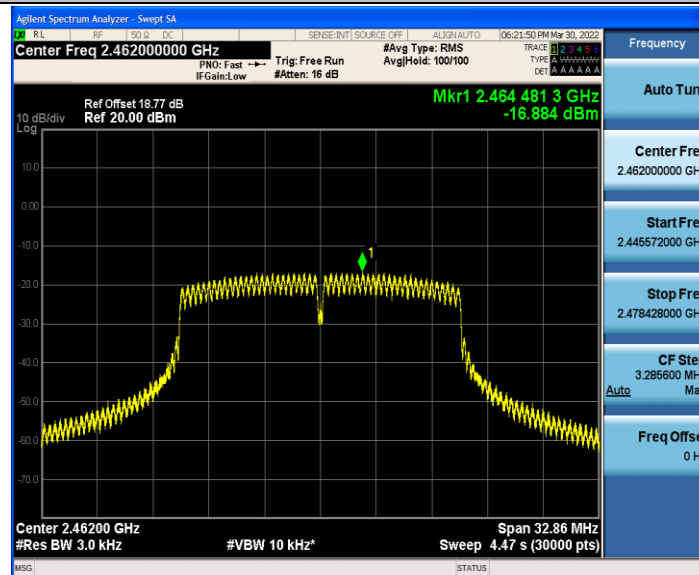
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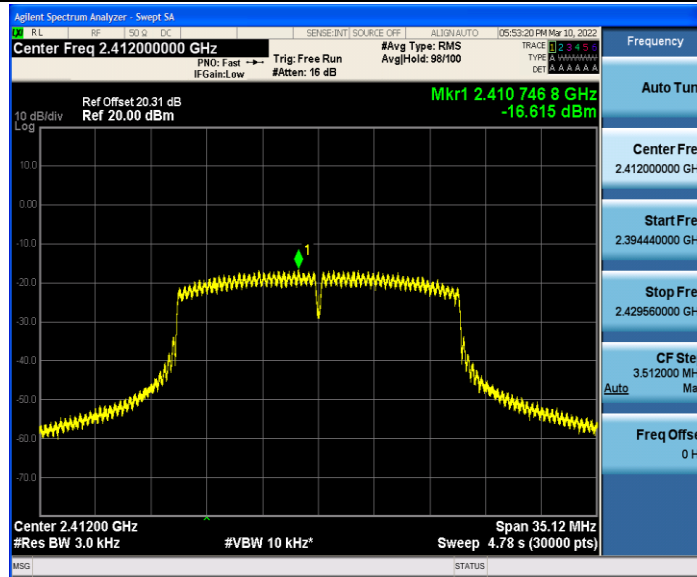
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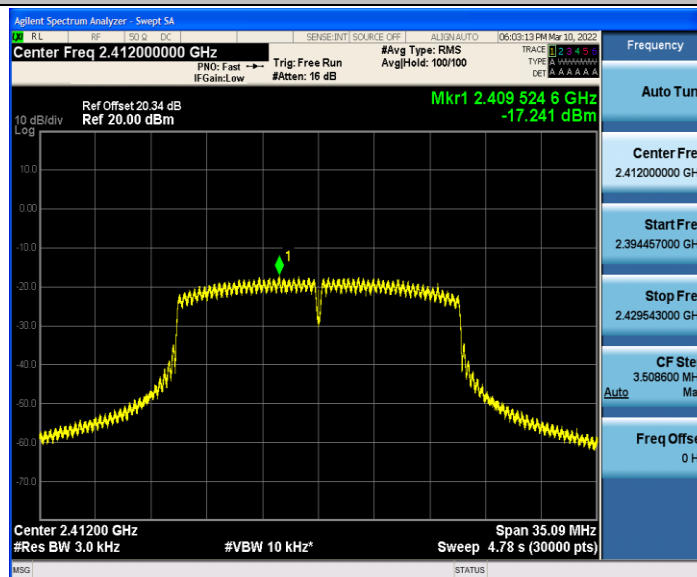
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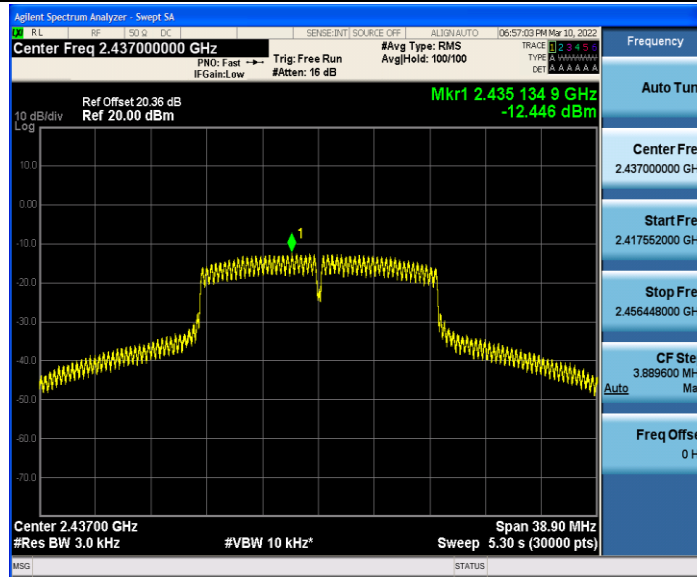
11N20MIMO_Ant1_2412



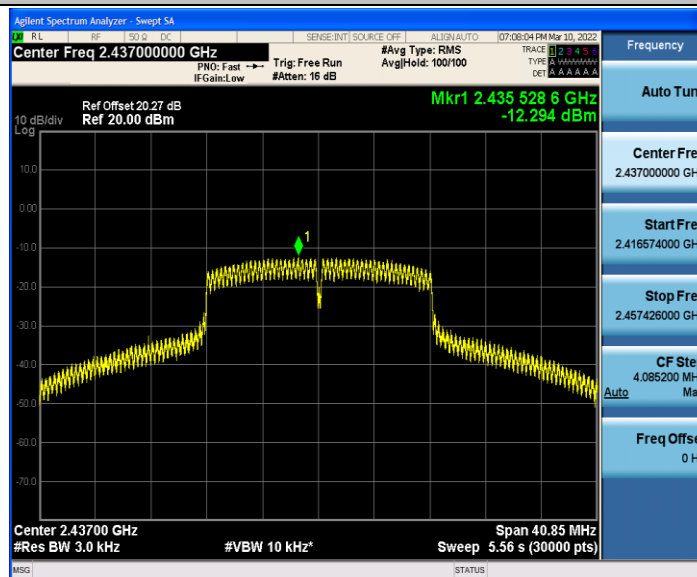
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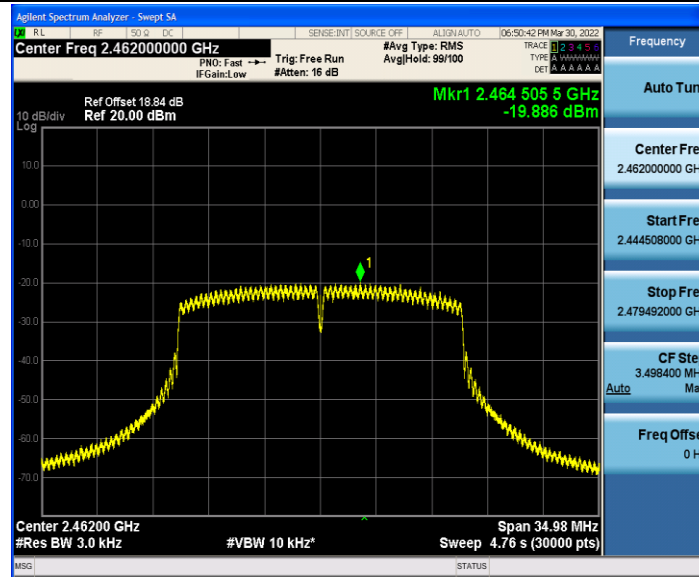
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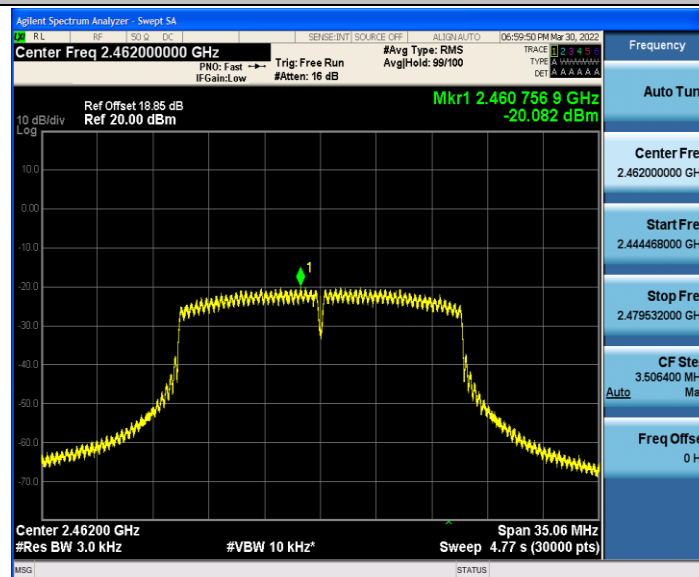
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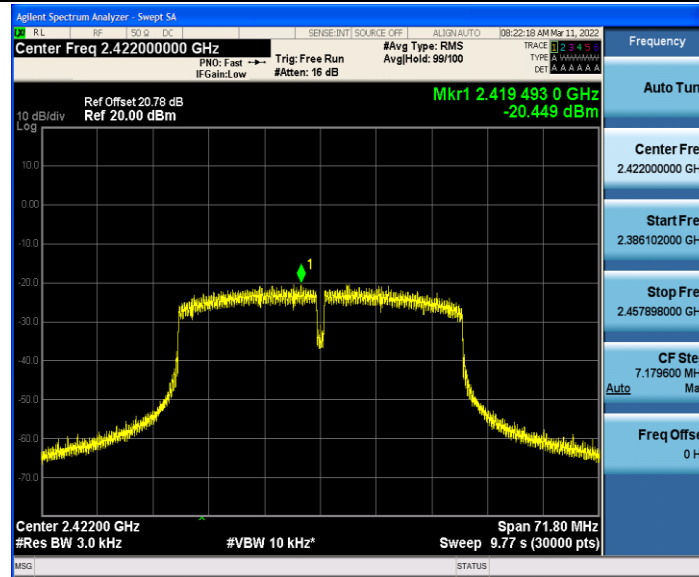
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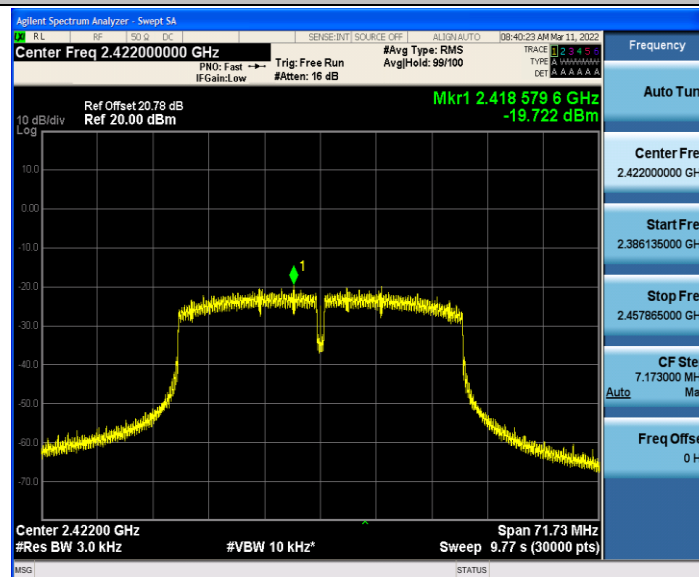
11N20MIMO_Ant2_2462



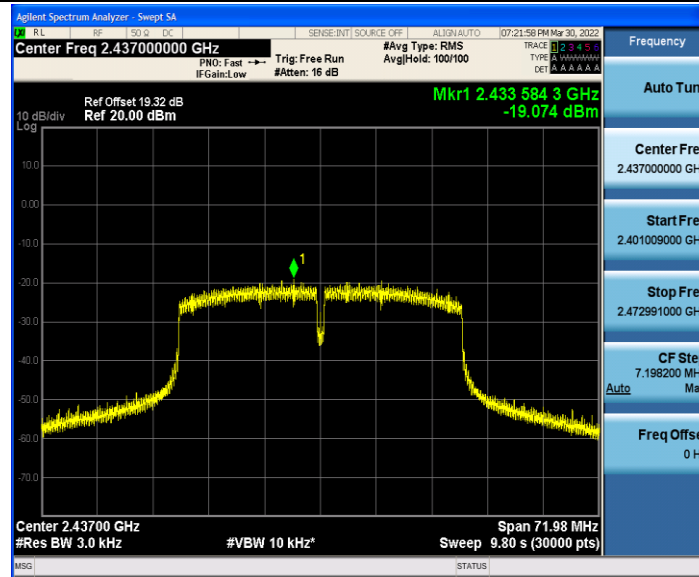
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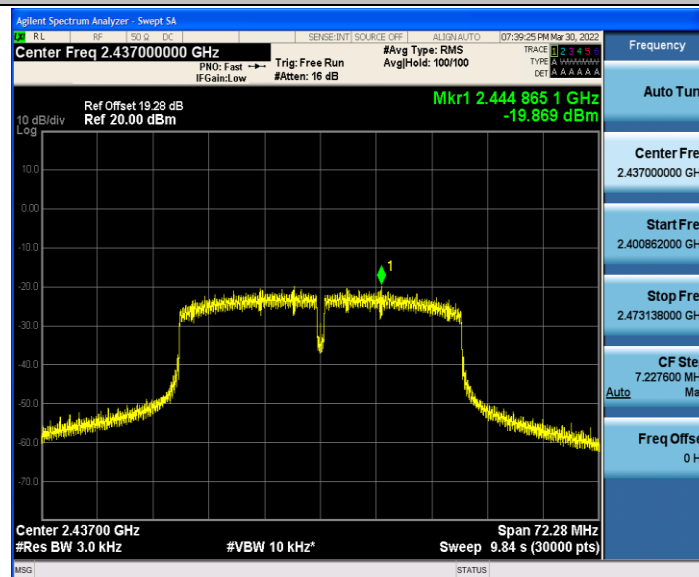
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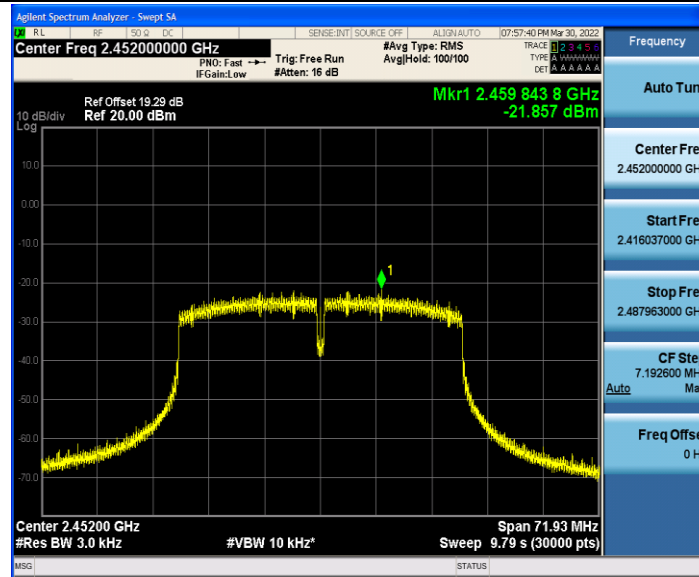
11N40MIMO_Ant1_2437



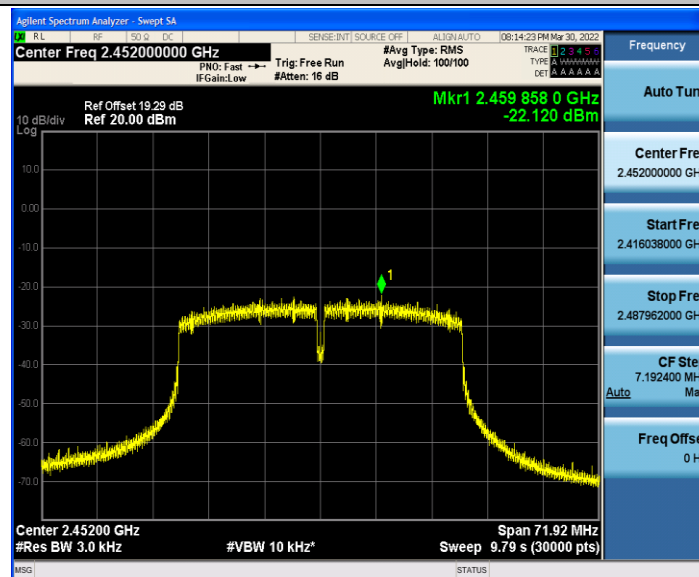
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



(END OF REPORT)