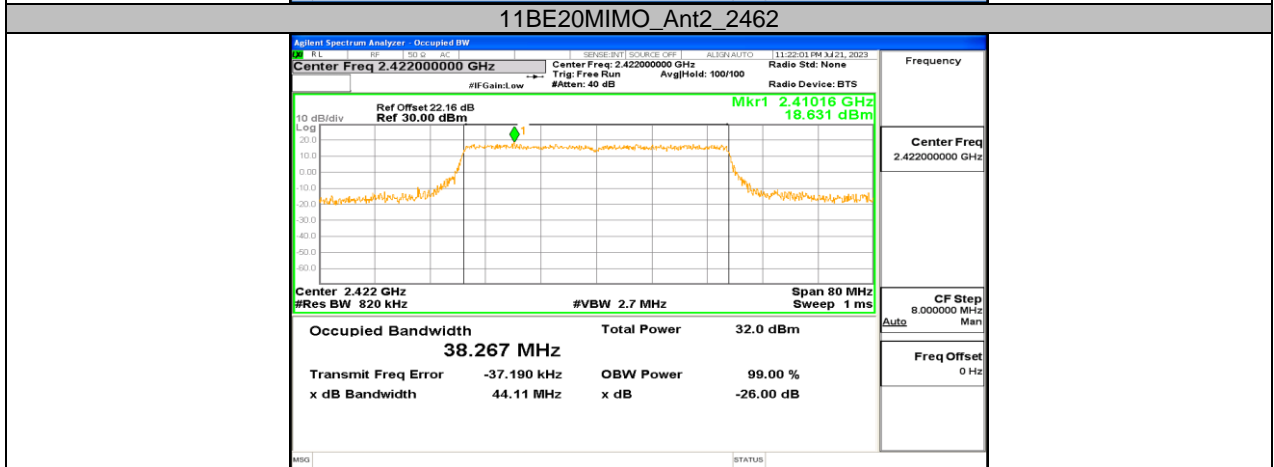
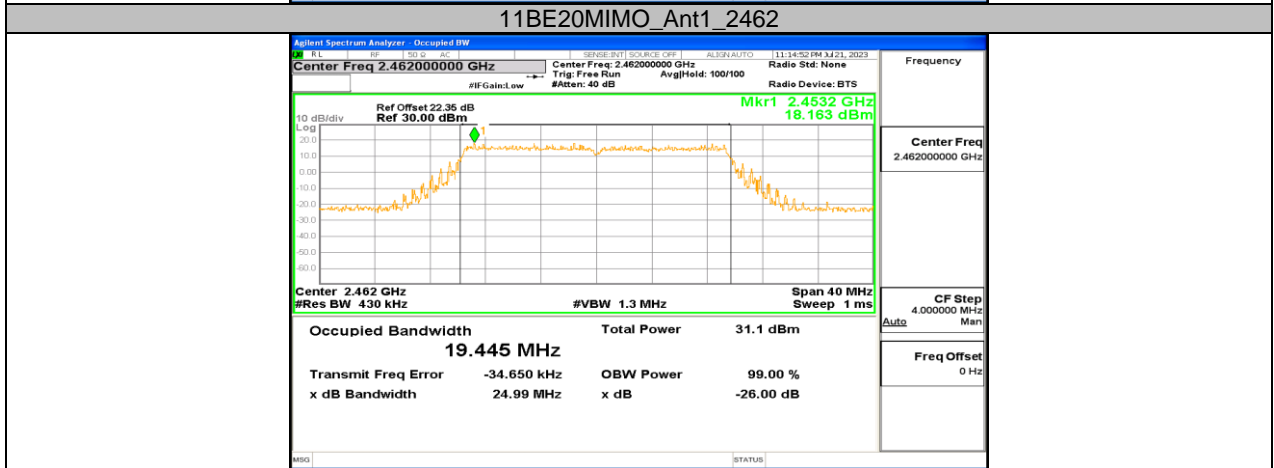
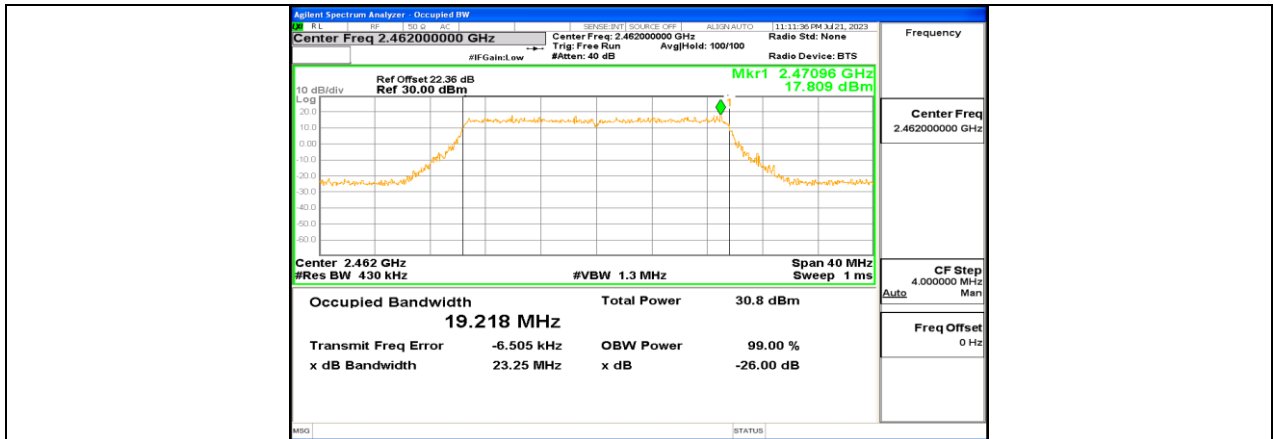
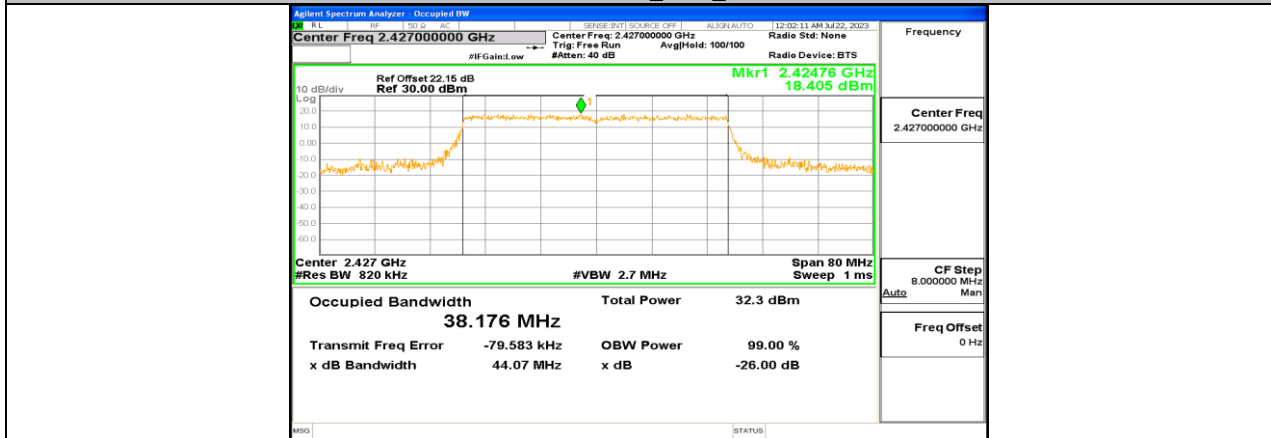
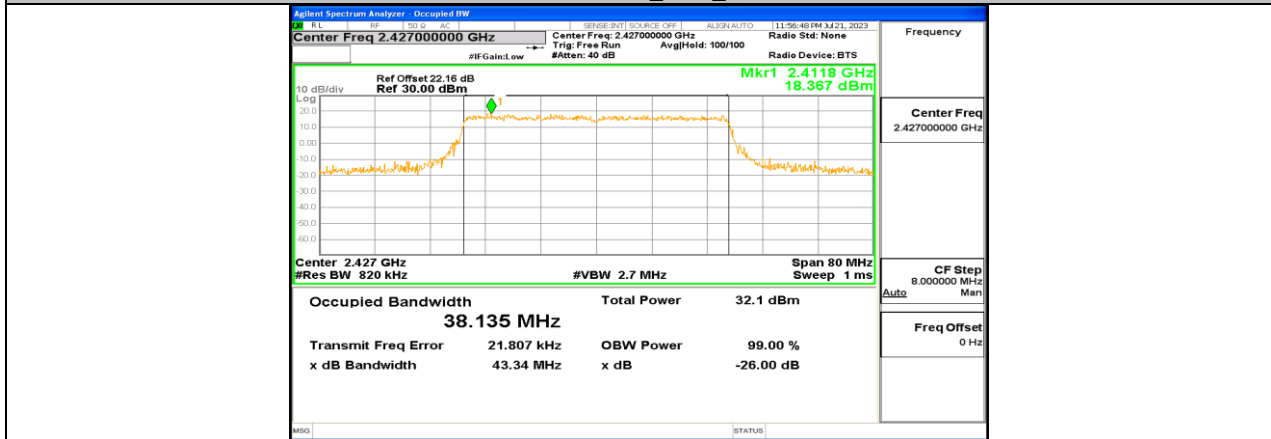
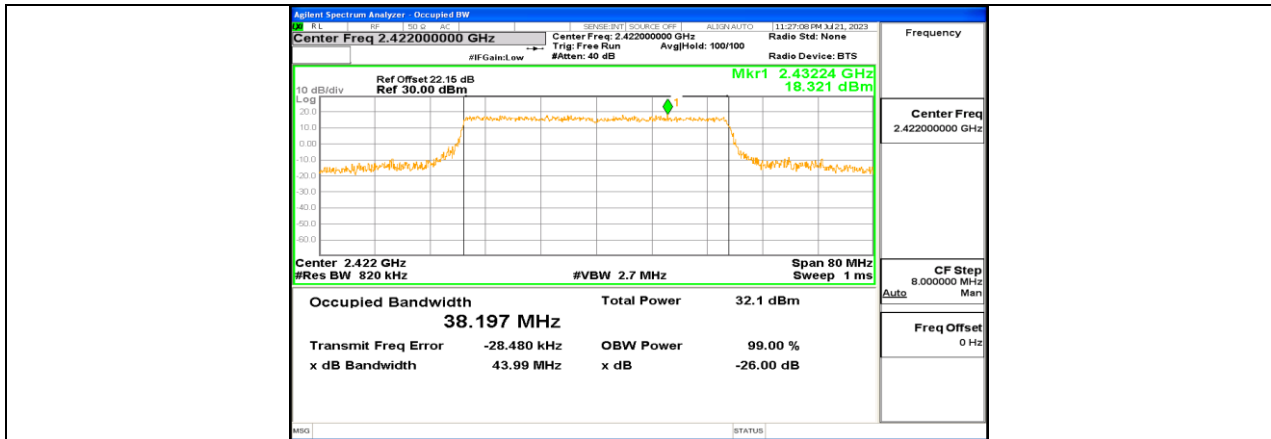
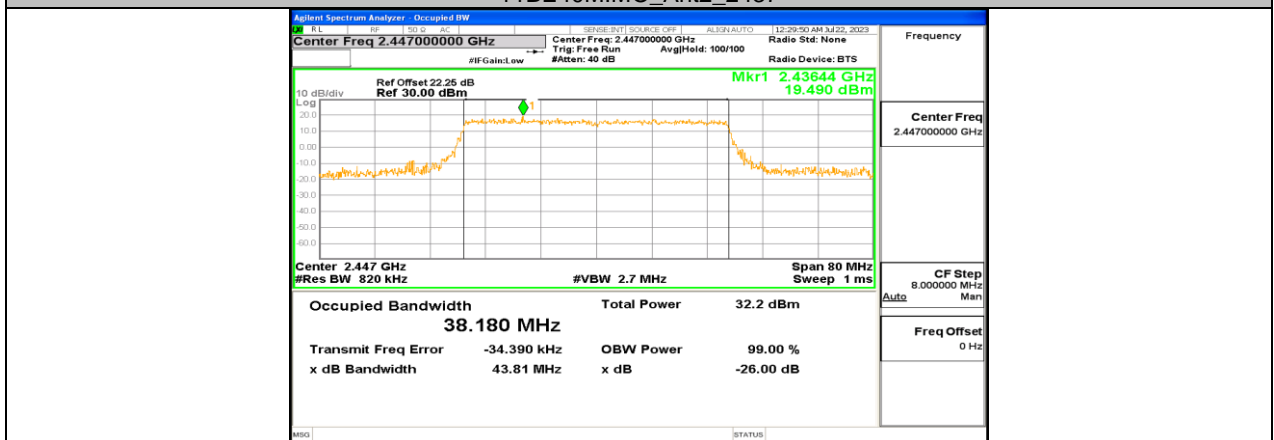
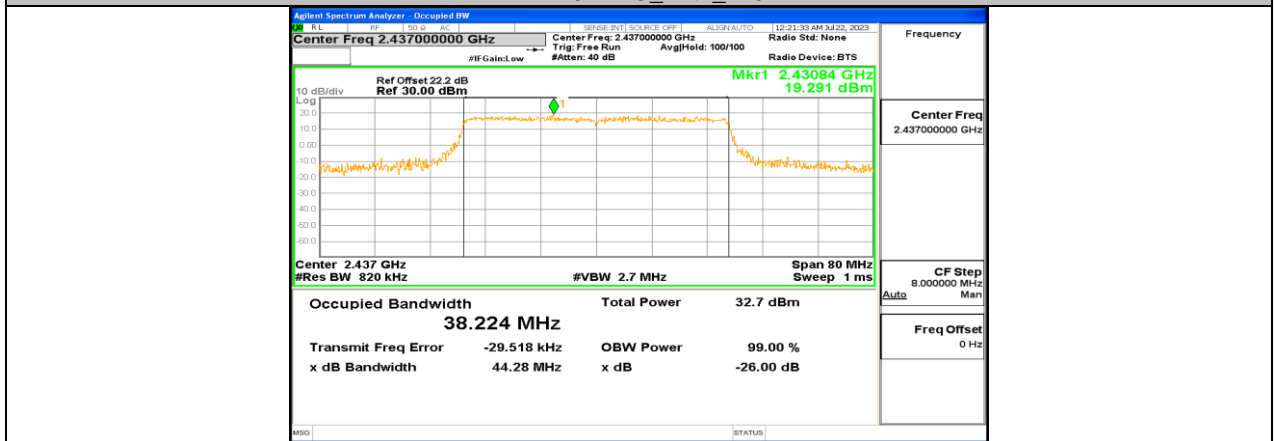
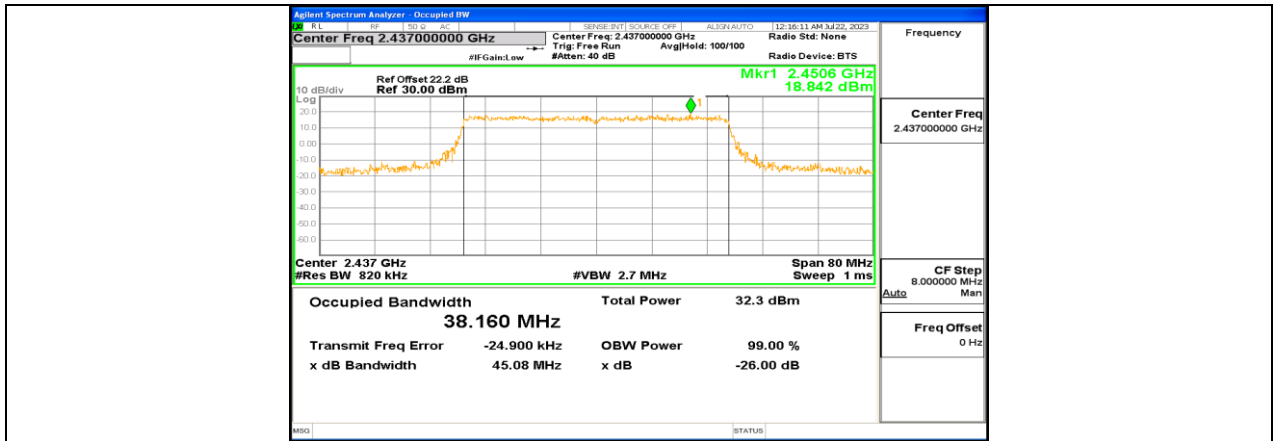
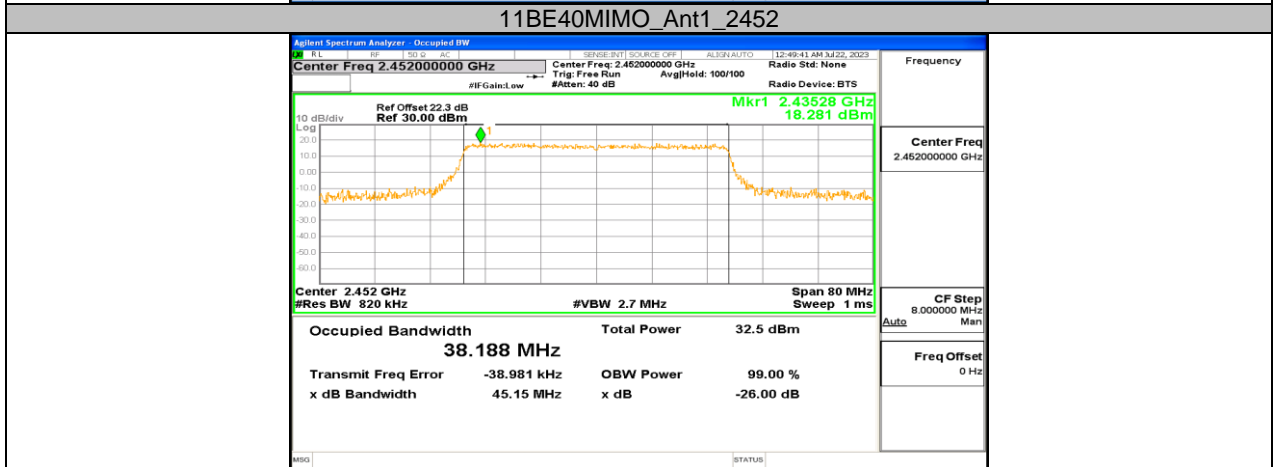
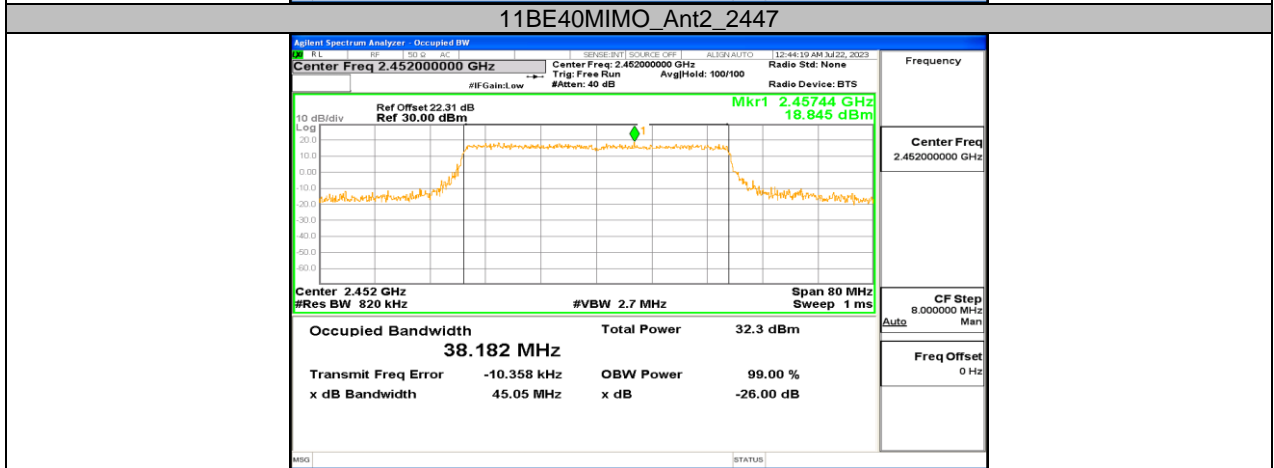
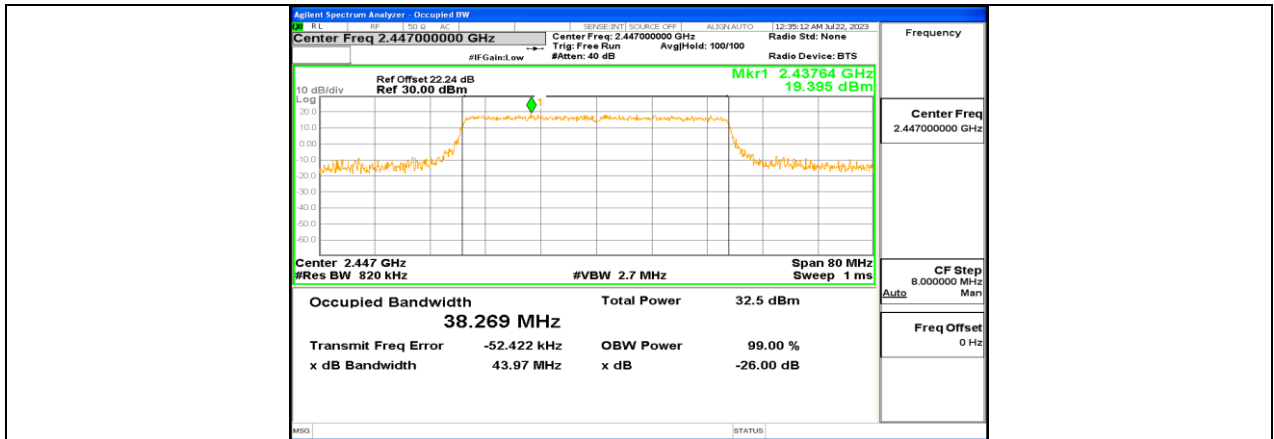


11BE20MIMO_Ant2_2457









11BE40MIMO_Ant2_2452

11.3. APPENDIX C: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.3.1. CDD Mode Test Result

Mode	Frequency (MHz)	Conducted AVG Output Power (dBm)			Directional Gain (dBi)	Limit (dBm)
		ANT1	ANT2	Total		
802.11b	2412	24.17	24.30	27.25	2.00	≤30
	2417	24.01	24.17	27.10	2.00	≤30
	2437	24.23	24.26	27.26	2.00	≤30
	2457	24.28	24.57	27.44	2.00	≤30
	2462	24.36	24.49	27.44	2.00	≤30
802.11g	2412	22.78	22.69	25.75	2.00	≤30
	2417	23.61	23.48	26.56	2.00	≤30
	2437	23.78	23.67	26.74	2.00	≤30
	2457	23.56	23.56	26.57	2.00	≤30
	2462	23.03	22.85	25.95	2.00	≤30
802.11n HT20	2412	22.85	22.90	25.89	2.00	≤30
	2417	23.21	23.38	26.31	2.00	≤30
	2437	23.87	23.73	26.81	2.00	≤30
	2457	23.18	23.20	26.20	2.00	≤30
	2462	22.23	22.15	25.20	2.00	≤30
802.11n HT40	2422	21.85	21.91	24.89	2.00	≤30
	2427	21.92	22.17	25.06	2.00	≤30
	2437	23.17	23.25	26.22	2.00	≤30
	2447	22.34	22.28	25.32	2.00	≤30
	2452	21.89	21.80	24.86	2.00	≤30
802.11be EHT20	2412	22.83	22.87	25.86	2.00	≤30
	2417	23.24	23.40	26.33	2.00	≤30
	2437	23.87	23.62	26.76	2.00	≤30
	2457	23.11	23.20	26.17	2.00	≤30
	2462	22.24	22.18	25.22	2.00	≤30
802.11be EHT40	2422	21.54	21.63	24.60	2.00	≤30
	2427	21.85	21.96	24.92	2.00	≤30
	2437	22.94	23.12	26.04	2.00	≤30
	2447	22.05	22.02	25.05	2.00	≤30
	2452	21.80	21.63	24.73	2.00	≤30

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.3.2. Tx beamforming Mode Test Result

Mode	Frequency (MHz)	Conducted Power(dBm)			Directional Gain (dBi)	Limit (dBm)
		ANT1	ANT2	Total		
802.11n HT20	2412	20.51	20.88	23.71	5.01	≤30
	2417	20.55	20.59	23.58	5.01	≤30
	2437	21.19	21.36	24.29	5.01	≤30
	2457	21.17	20.72	23.96	5.01	≤30
	2462	20.92	20.77	23.86	5.01	≤30
802.11n HT40	2422	19.01	19.44	22.24	5.01	≤30
	2427	19.61	19.91	22.77	5.01	≤30
	2437	20.11	20.35	23.24	5.01	≤30
	2447	18.72	18.97	21.85	5.01	≤30
	2452	18.95	18.94	21.95	5.01	≤30
802.11be EHT20	2412	19.67	20.41	23.07	5.01	≤30
	2417	20.19	20.59	23.41	5.01	≤30
	2437	21.18	21.73	24.47	5.01	≤30
	2457	20.97	20.71	23.85	5.01	≤30
	2462	19.99	20.28	23.15	5.01	≤30
802.11be EHT40	2422	19.73	19.53	22.64	5.01	≤30
	2427	20.73	20.81	23.78	5.01	≤30
	2437	20.29	20.69	23.50	5.01	≤30
	2447	20.36	20.37	23.38	5.01	≤30
	2452	19.91	20.02	22.98	5.01	≤30

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

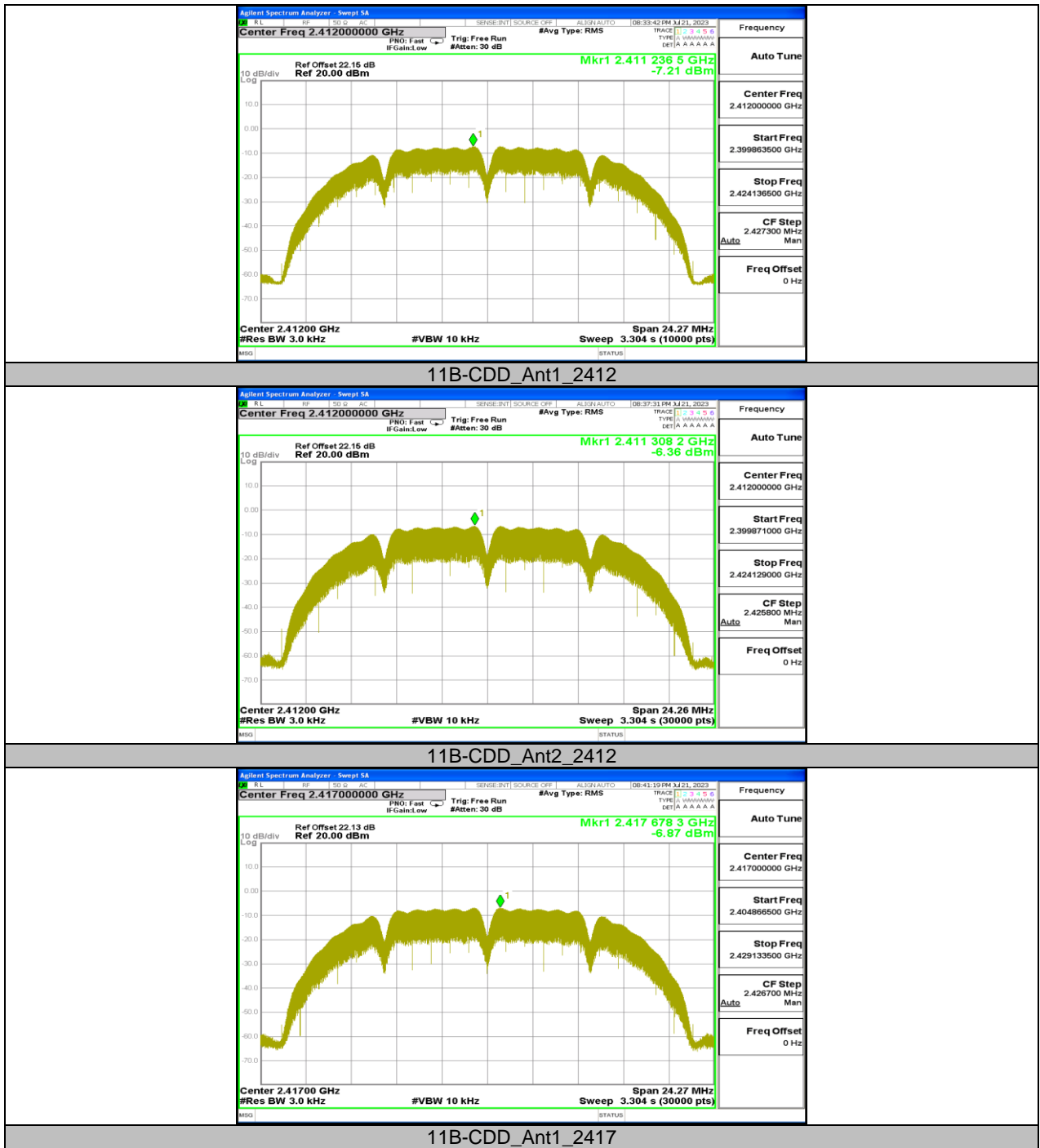
11.4.1. Test Result

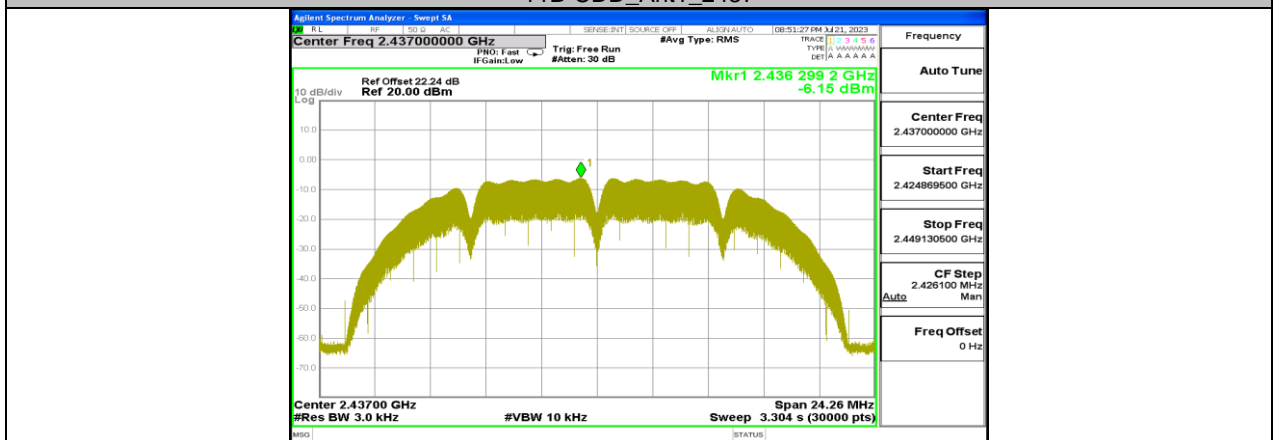
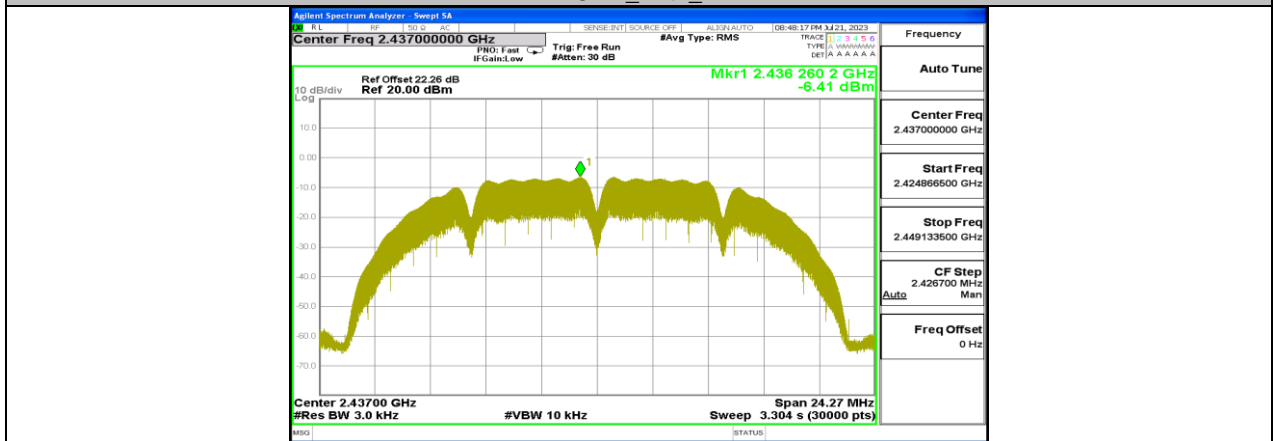
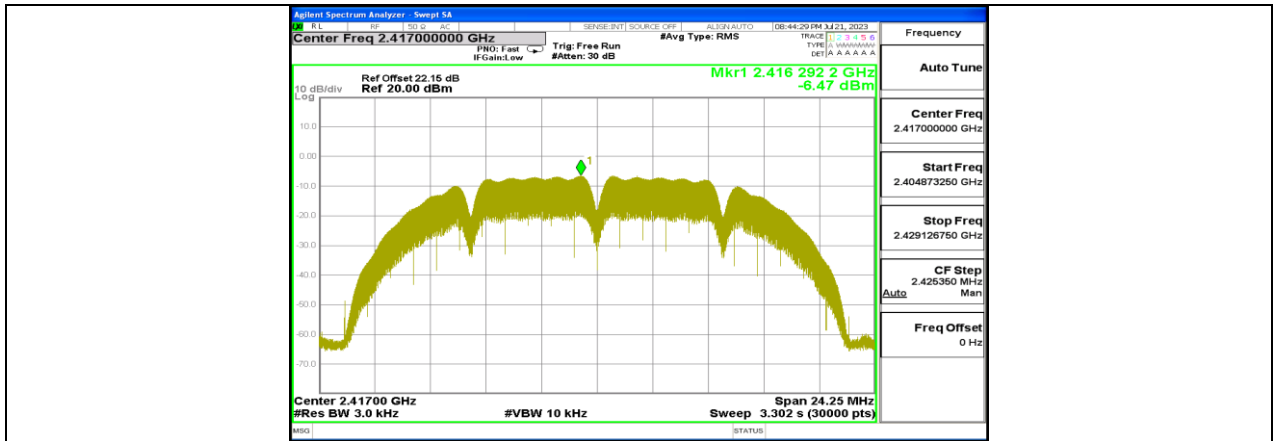
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-7.21	≤8.00	PASS
	Ant2	2412	-6.36	≤8.00	PASS
	total	2412	-3.75	≤8.00	PASS
	Ant1	2417	-6.87	≤8.00	PASS
	Ant2	2417	-6.47	≤8.00	PASS
	total	2417	-3.66	≤8.00	PASS
	Ant1	2437	-6.41	≤8.00	PASS
	Ant2	2437	-6.15	≤8.00	PASS
	total	2437	-3.27	≤8.00	PASS
	Ant1	2457	-6.63	≤8.00	PASS
	Ant2	2457	-6.22	≤8.00	PASS
	total	2457	-3.41	≤8.00	PASS
	Ant1	2462	-6.77	≤8.00	PASS
	Ant2	2462	-6.38	≤8.00	PASS
	total	2462	-3.56	≤8.00	PASS
11G-CDD	Ant1	2412	-8.63	≤8.00	PASS
	Ant2	2412	-8.45	≤8.00	PASS
	total	2412	-5.53	≤8.00	PASS
	Ant1	2417	-8.84	≤8.00	PASS
	Ant2	2417	-7.98	≤8.00	PASS
	total	2417	-5.38	≤8.00	PASS
	Ant1	2437	-8.38	≤8.00	PASS
	Ant2	2437	-8.17	≤8.00	PASS
	total	2437	-5.26	≤8.00	PASS
	Ant1	2457	-8.66	≤8.00	PASS
	Ant2	2457	-8.2	≤8.00	PASS
	total	2457	-5.41	≤8.00	PASS
	Ant1	2462	-8.65	≤8.00	PASS
	Ant2	2462	-8.18	≤8.00	PASS
	total	2462	-5.40	≤8.00	PASS
11N20MIMO	Ant1	2412	-9.89	≤8.00	PASS
	Ant2	2412	-10.29	≤8.00	PASS
	total	2412	-7.08	≤8.00	PASS
	Ant1	2417	-9.88	≤8.00	PASS
	Ant2	2417	-10	≤8.00	PASS
	total	2417	-6.93	≤8.00	PASS
	Ant1	2437	-9.66	≤8.00	PASS
	Ant2	2437	-9.37	≤8.00	PASS
	total	2437	-6.50	≤8.00	PASS
	Ant1	2457	-9.96	≤8.00	PASS
	Ant2	2457	-9.88	≤8.00	PASS
	total	2457	-6.91	≤8.00	PASS
	Ant1	2462	-10.17	≤8.00	PASS
	Ant2	2462	-10.1	≤8.00	PASS
	total	2462	-7.12	≤8.00	PASS
11N40MIMO	Ant1	2422	-12.78	≤8.00	PASS
	Ant2	2422	-13.74	≤8.00	PASS
	total	2422	-10.22	≤8.00	PASS
	Ant1	2427	-13.12	≤8.00	PASS
	Ant2	2427	-12.74	≤8.00	PASS
	total	2427	-9.92	≤8.00	PASS
	Ant1	2437	-12.96	≤8.00	PASS
	Ant2	2437	-12.88	≤8.00	PASS
	total	2437	-9.91	≤8.00	PASS
Ant1	2447	-13.55	≤8.00	PASS	

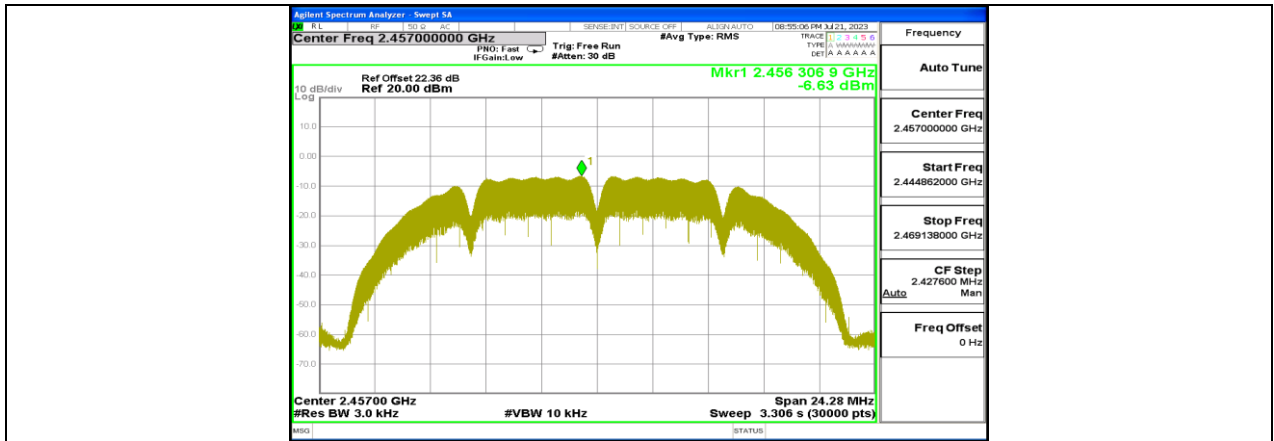
	Ant2	2447	-13.42	≤8.00	PASS
	total	2447	-10.47	≤8.00	PASS
	Ant1	2452	-13.92	≤8.00	PASS
	Ant2	2452	-14.15	≤8.00	PASS
	total	2452	-11.02	≤8.00	PASS
11BE20MIMO	Ant1	2412	-11.07	≤8.00	PASS
	Ant2	2412	-11.79	≤8.00	PASS
	total	2412	-8.40	≤8.00	PASS
	Ant1	2417	-11.11	≤8.00	PASS
	Ant2	2417	-10.49	≤8.00	PASS
	total	2417	-7.78	≤8.00	PASS
	Ant1	2437	-9.85	≤8.00	PASS
	Ant2	2437	-9.59	≤8.00	PASS
	total	2437	-6.71	≤8.00	PASS
	Ant1	2457	-9.43	≤8.00	PASS
	Ant2	2457	-10.58	≤8.00	PASS
	total	2457	-6.96	≤8.00	PASS
	Ant1	2462	-11.52	≤8.00	PASS
	Ant2	2462	-10.82	≤8.00	PASS
	total	2462	-8.15	≤8.00	PASS
11BE40MIMO	Ant1	2422	-14.78	≤8.00	PASS
	Ant2	2422	-14.83	≤8.00	PASS
	total	2422	-11.79	≤8.00	PASS
	Ant1	2427	-14	≤8.00	PASS
	Ant2	2427	-14.04	≤8.00	PASS
	total	2427	-11.01	≤8.00	PASS
	Ant1	2437	-14.11	≤8.00	PASS
	Ant2	2437	-13.9	≤8.00	PASS
	total	2437	-10.99	≤8.00	PASS
	Ant1	2447	-14.18	≤8.00	PASS
	Ant2	2447	-14.58	≤8.00	PASS
	total	2447	-11.37	≤8.00	PASS
	Ant1	2452	-15.08	≤8.00	PASS
	Ant2	2452	-14.43	≤8.00	PASS
	total	2452	-11.73	≤8.00	PASS

- Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.
 2. All the modes had been test, but only the worst data was recorded in the report.

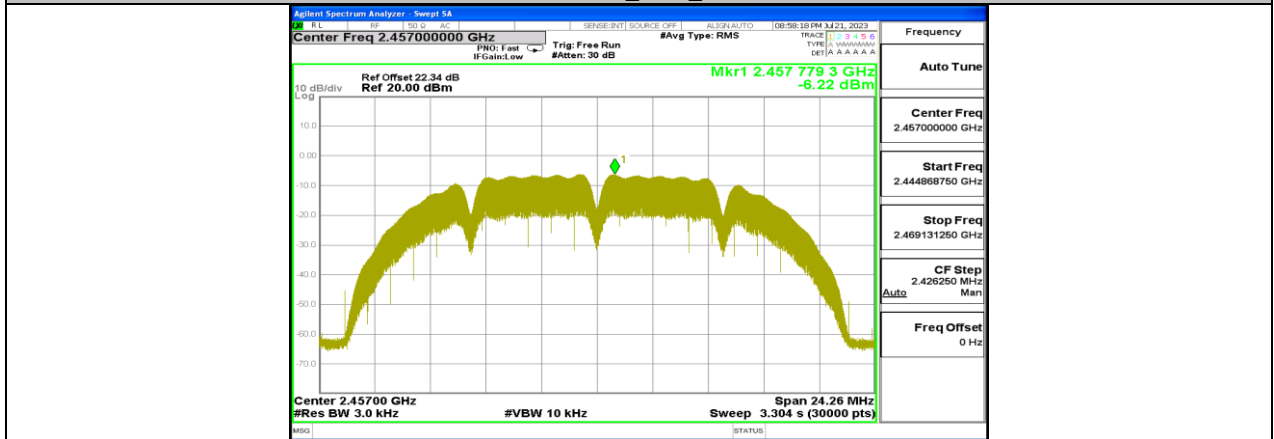
11.4.2. Test Graphs



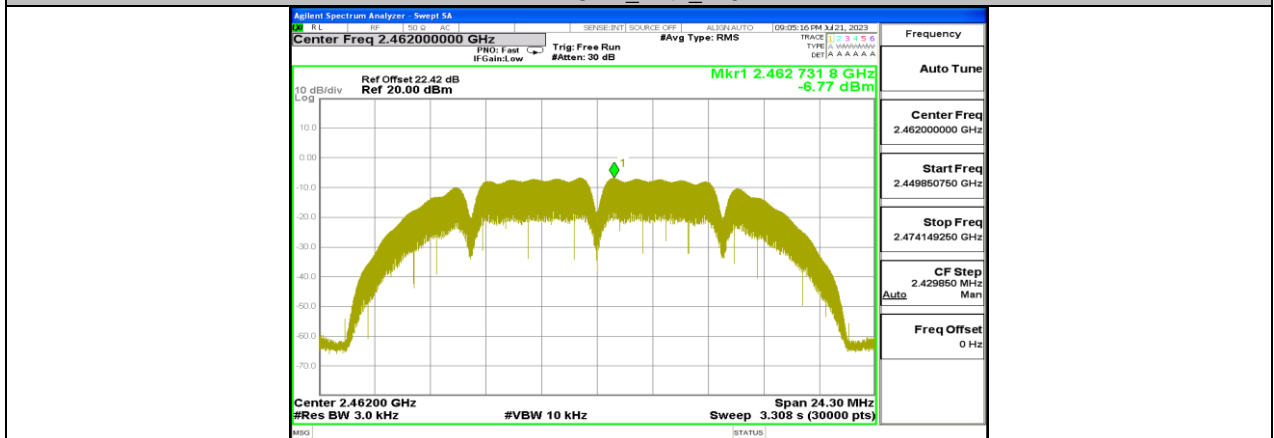




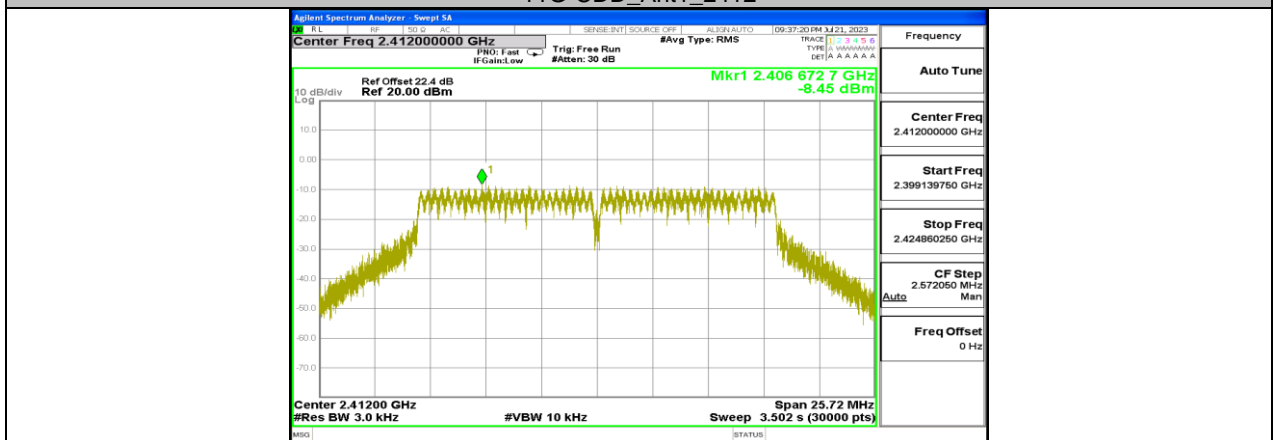
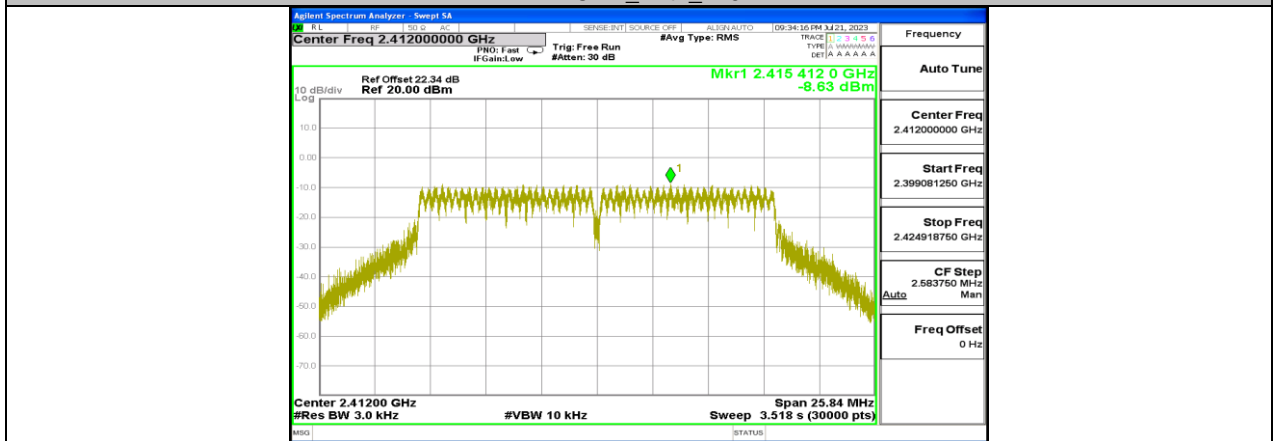
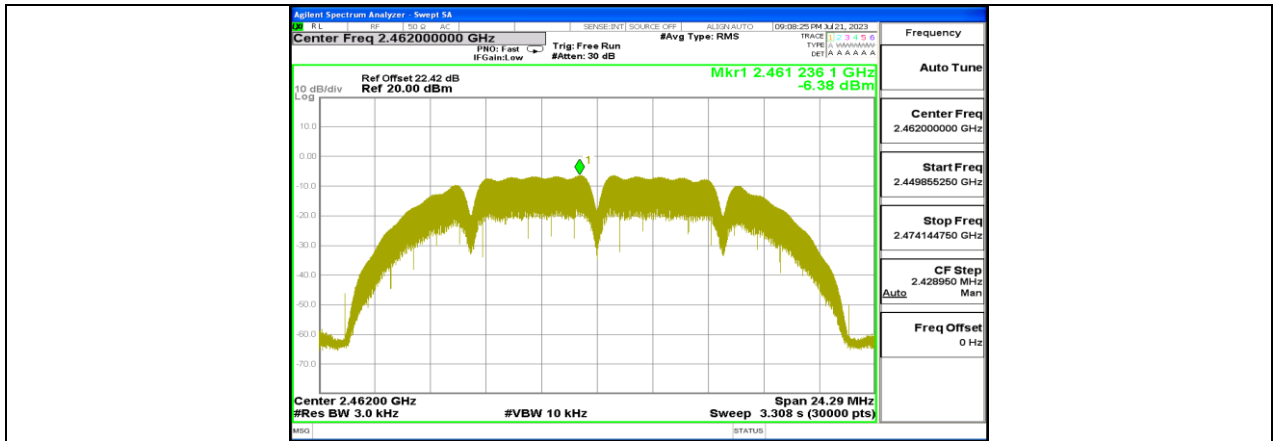
11B-CDD_Ant1_2457

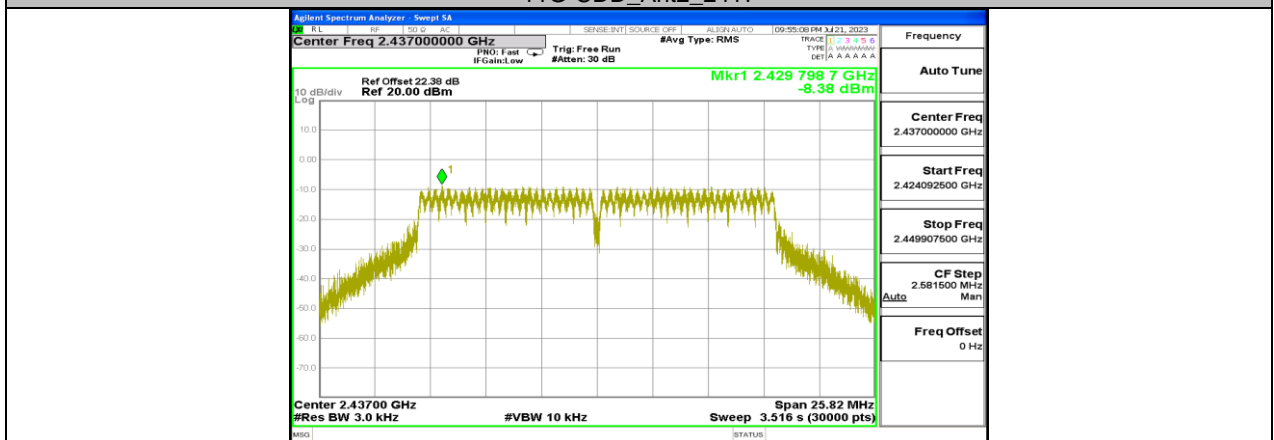
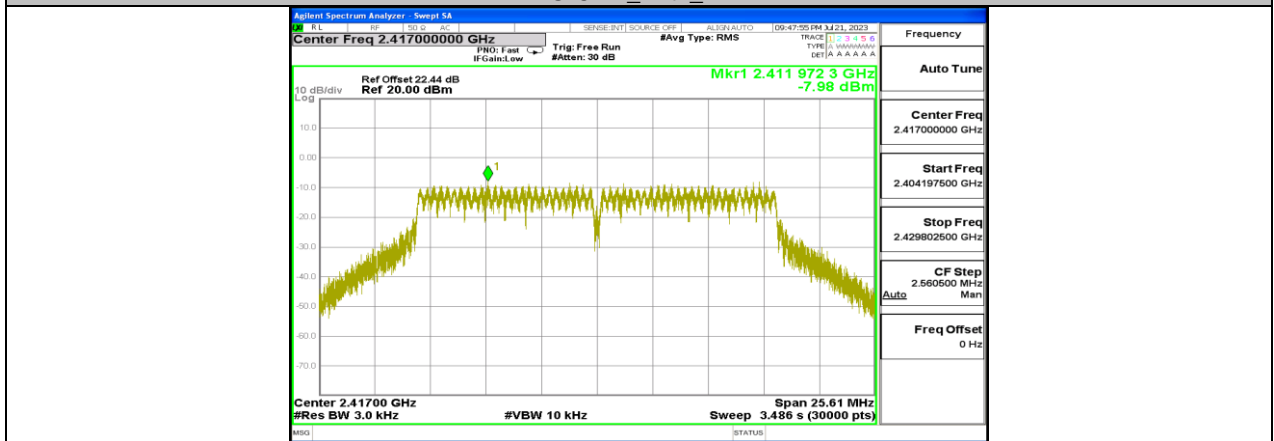
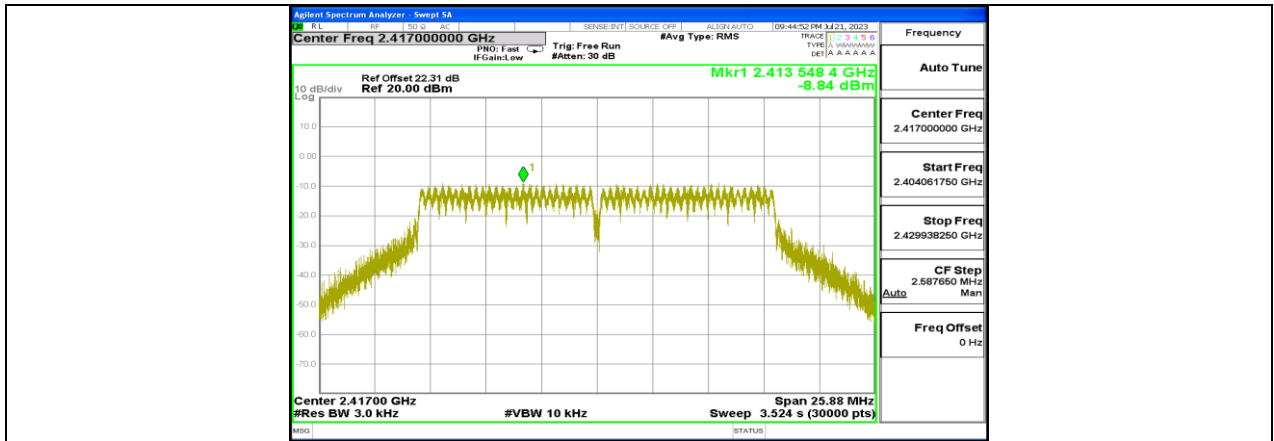


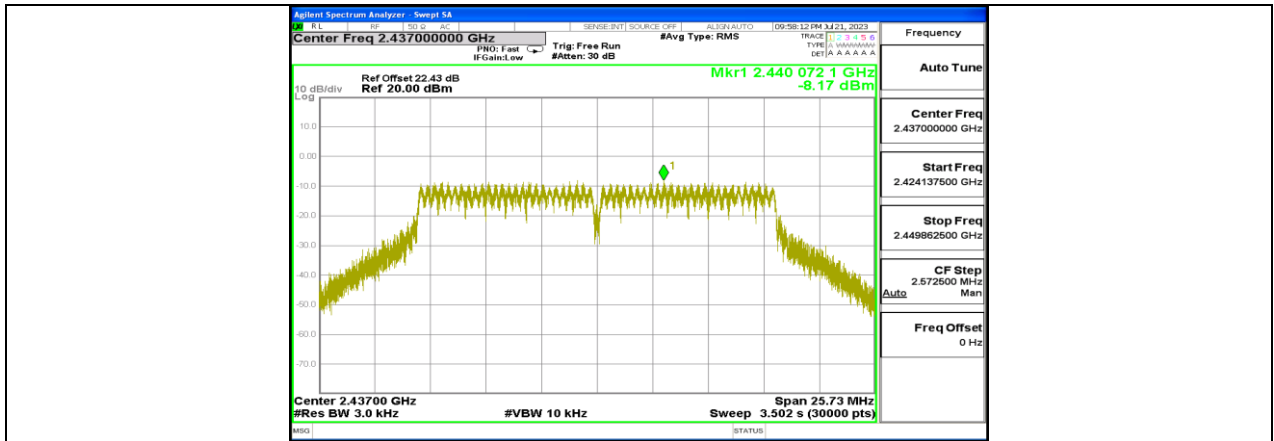
11B-CDD_Ant2_2457



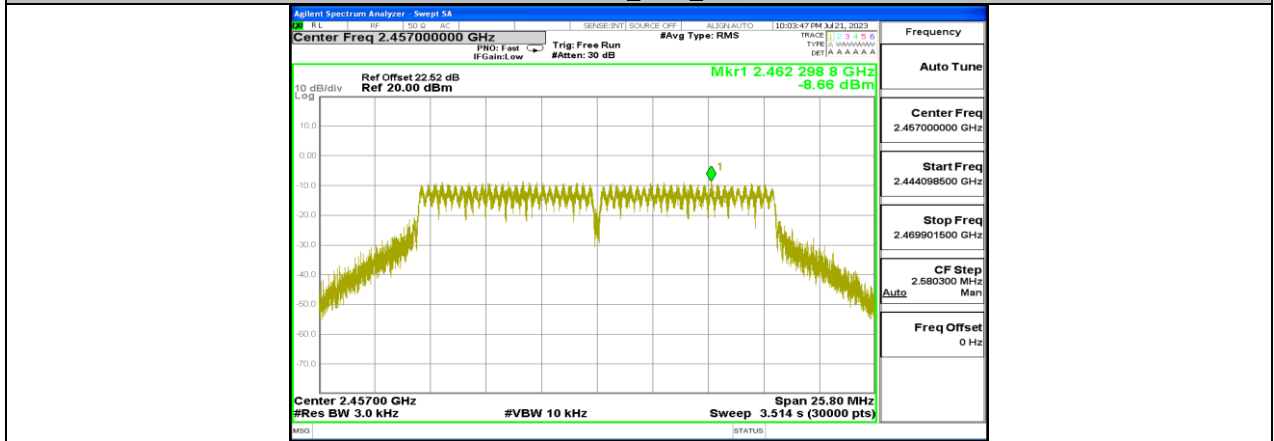
11B-CDD_Ant1_2462



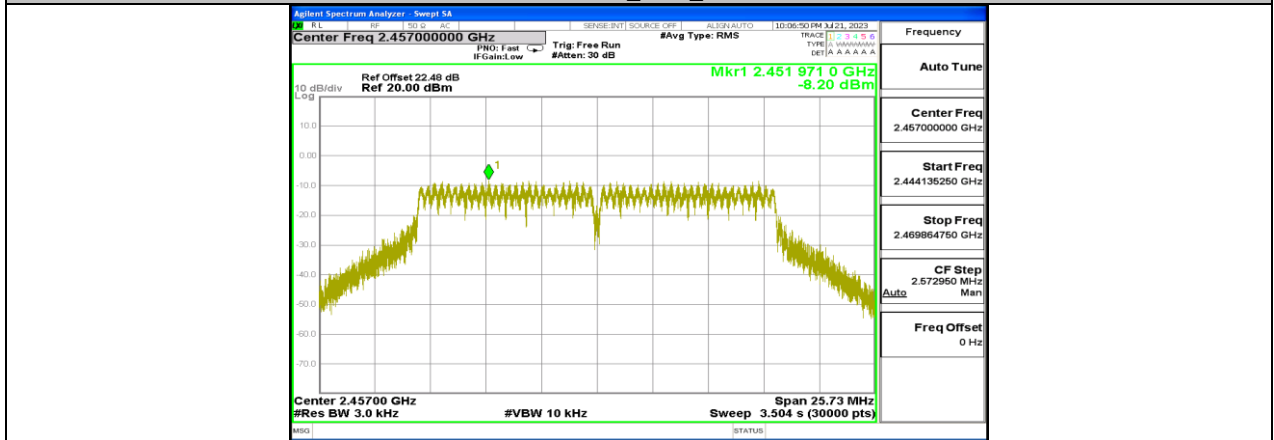




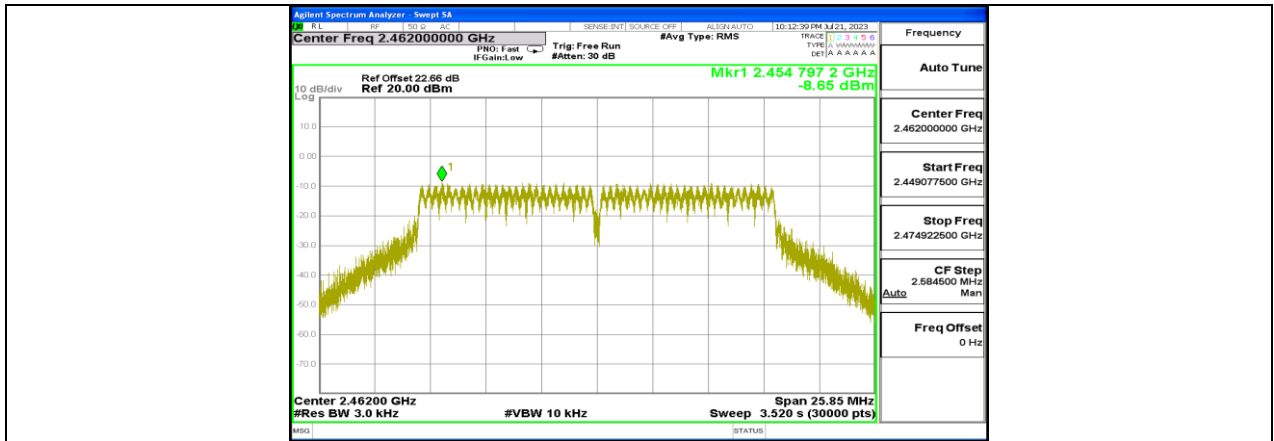
11G-CDD_Ant2_2437



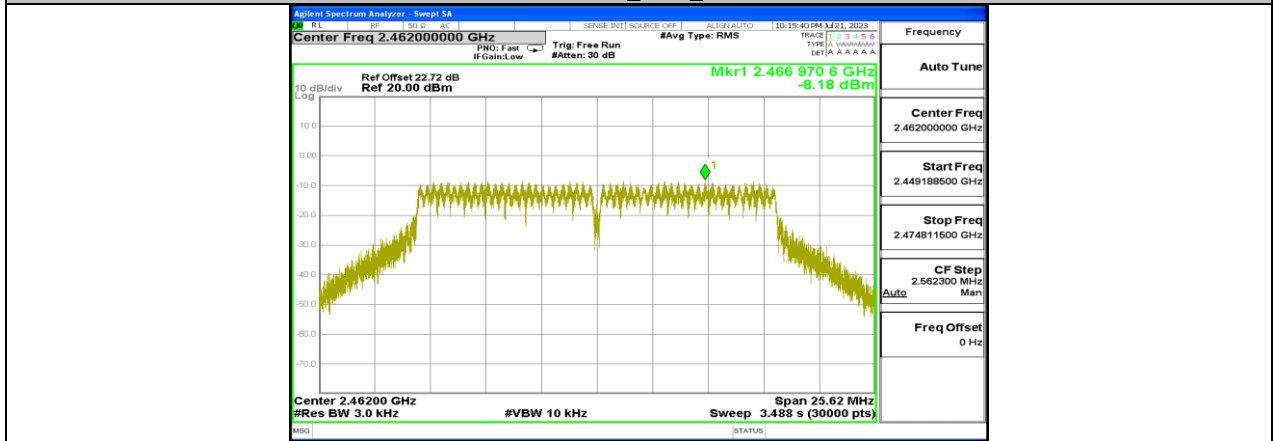
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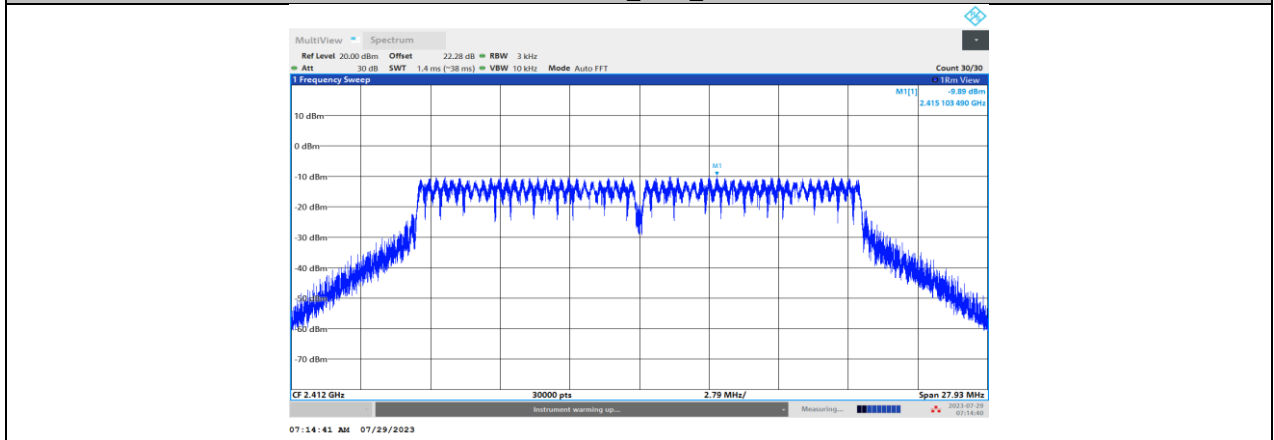
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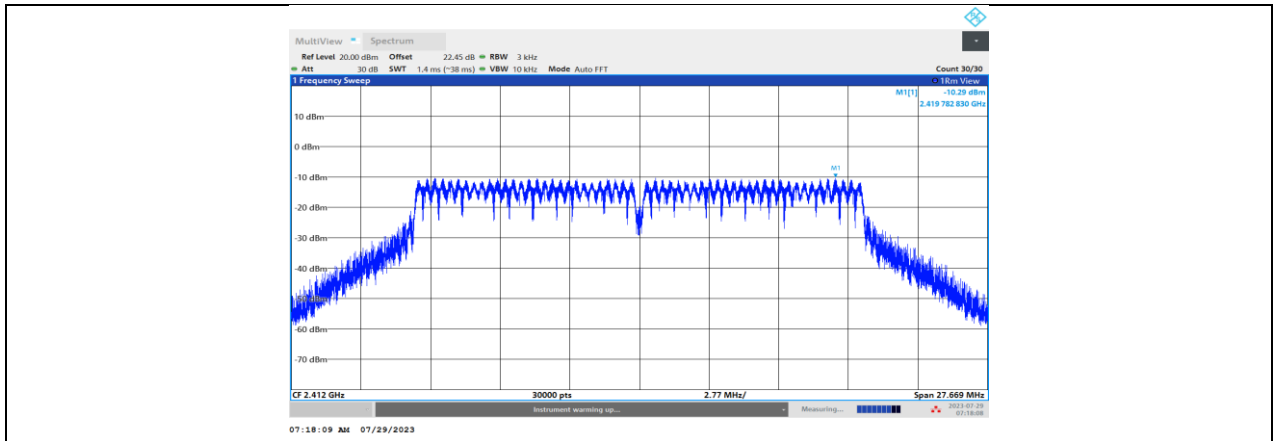
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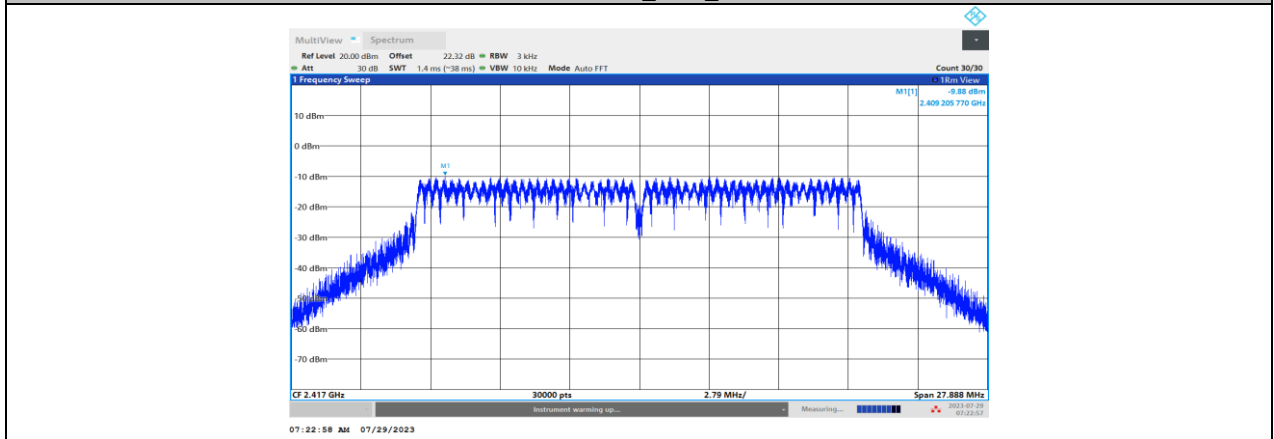
11G-CDD_Ant2_2462



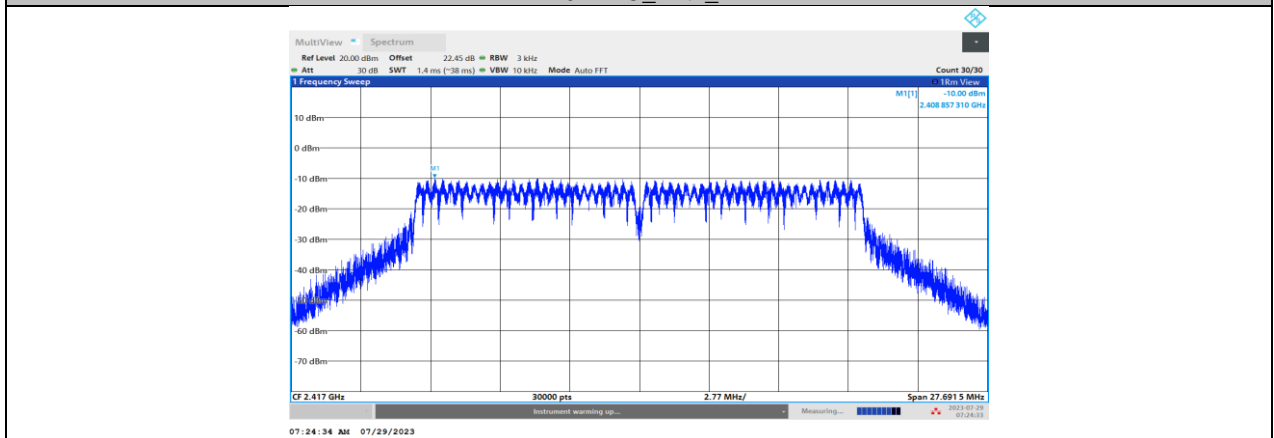
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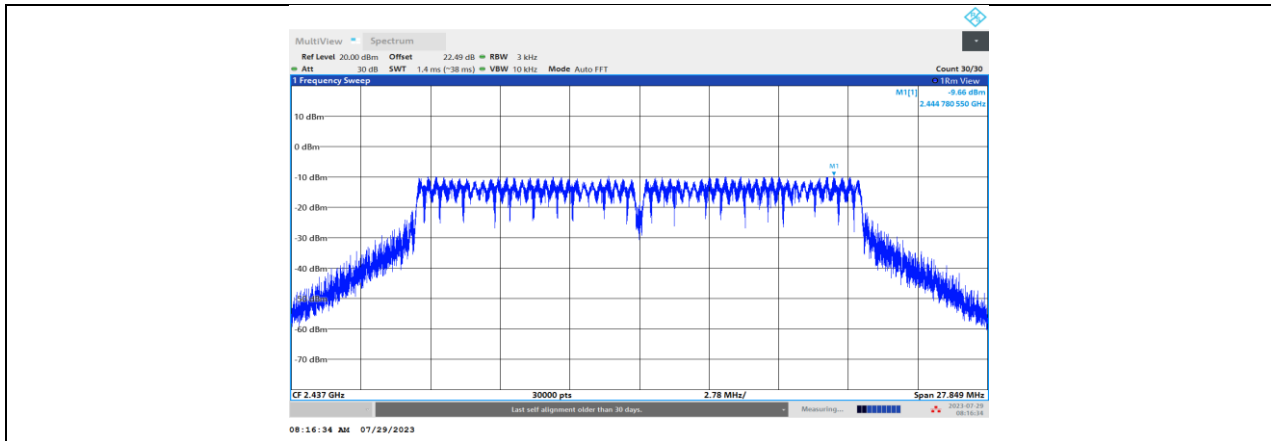
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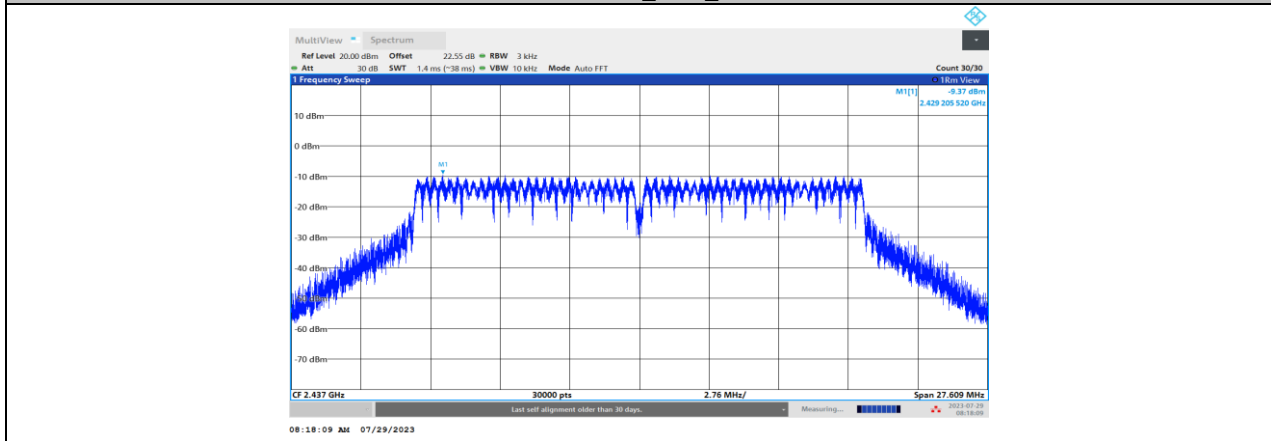
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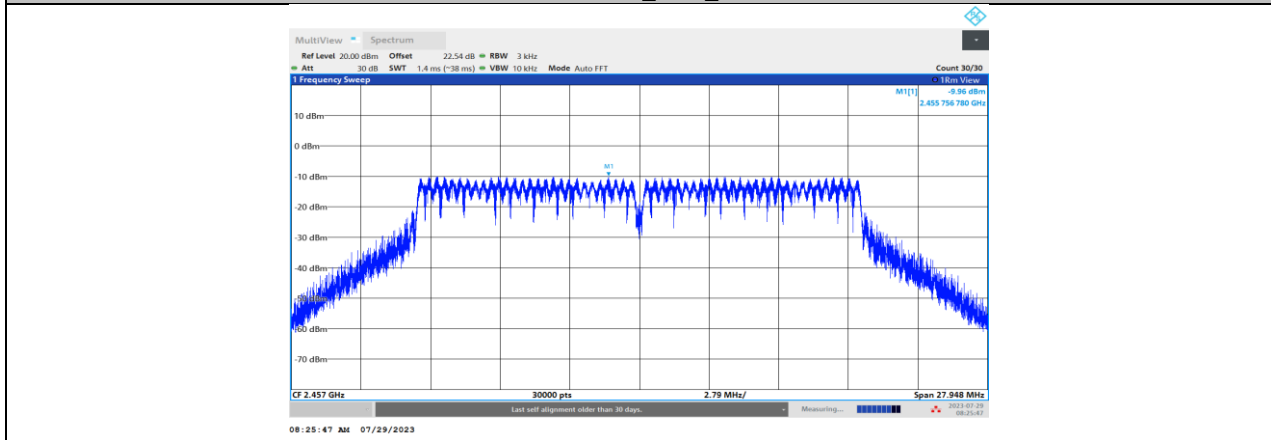
11N20MIMO_Ant2_2417



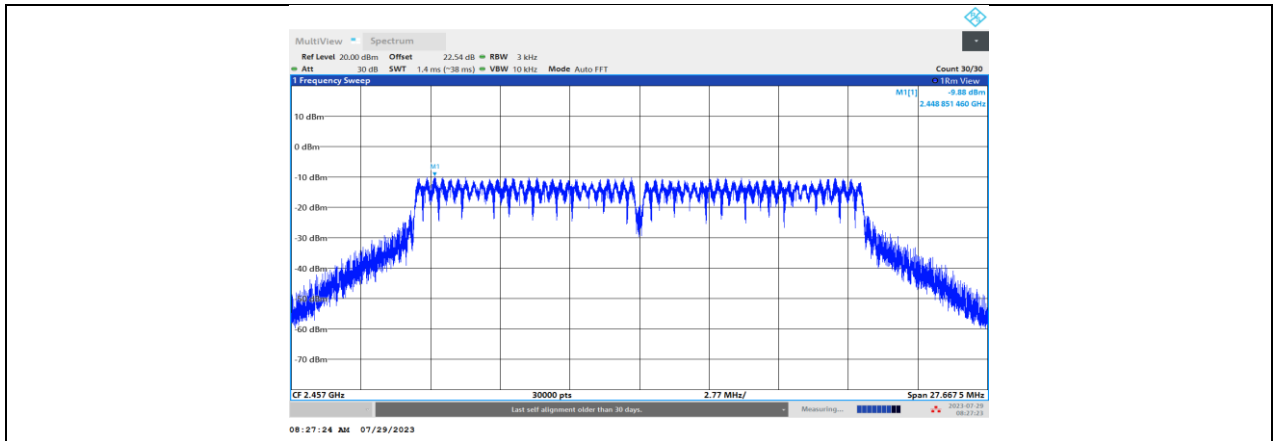
11N20MIMO_Ant1_2437



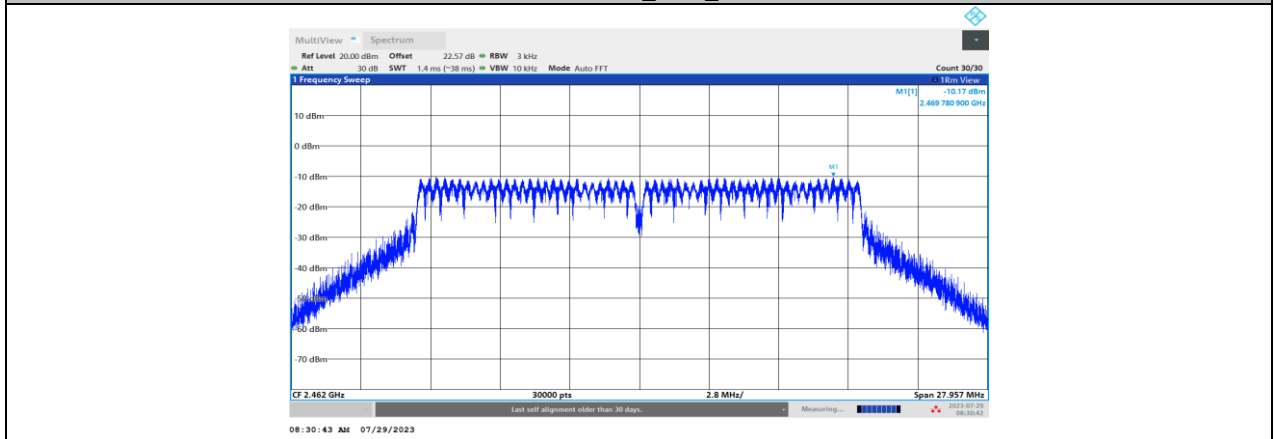
11N20MIMO_Ant2_2437



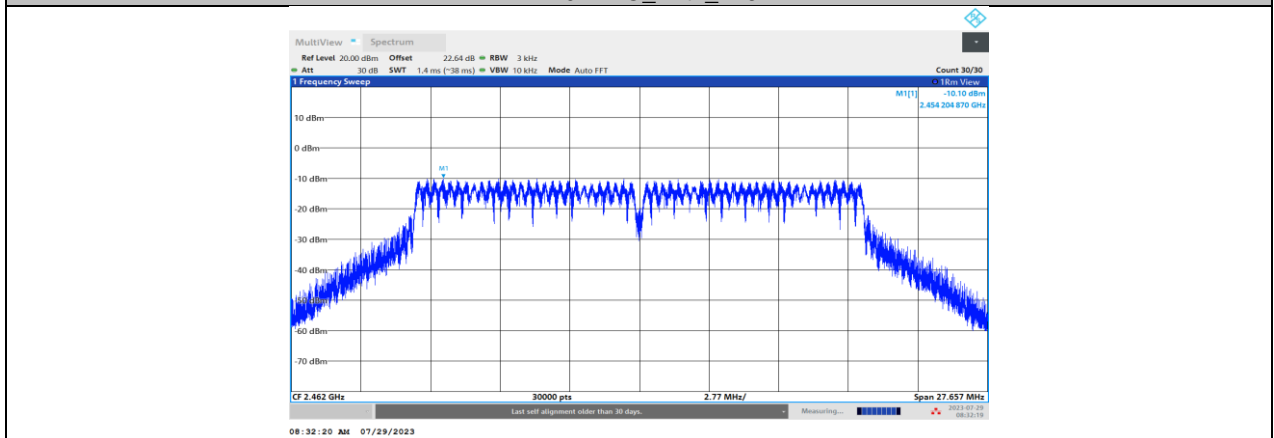
11N20MIMO_Ant1_2457



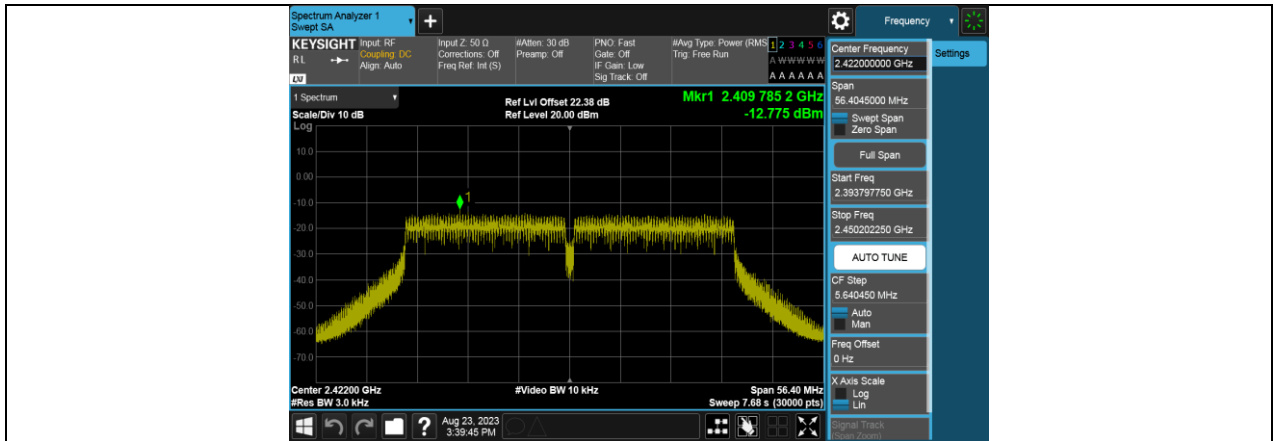
11N20MIMO_Ant2_2457



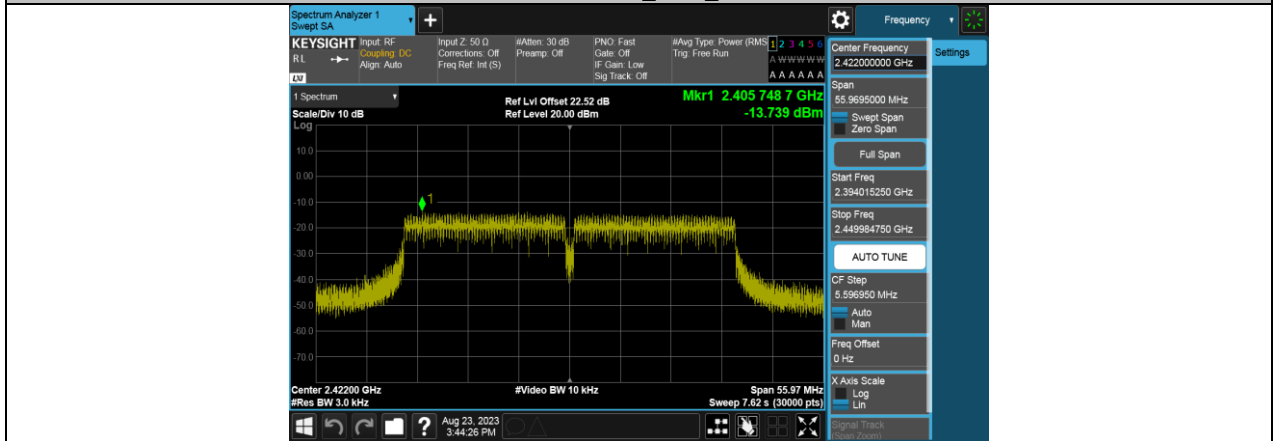
11N20MIMO_Ant1_2462



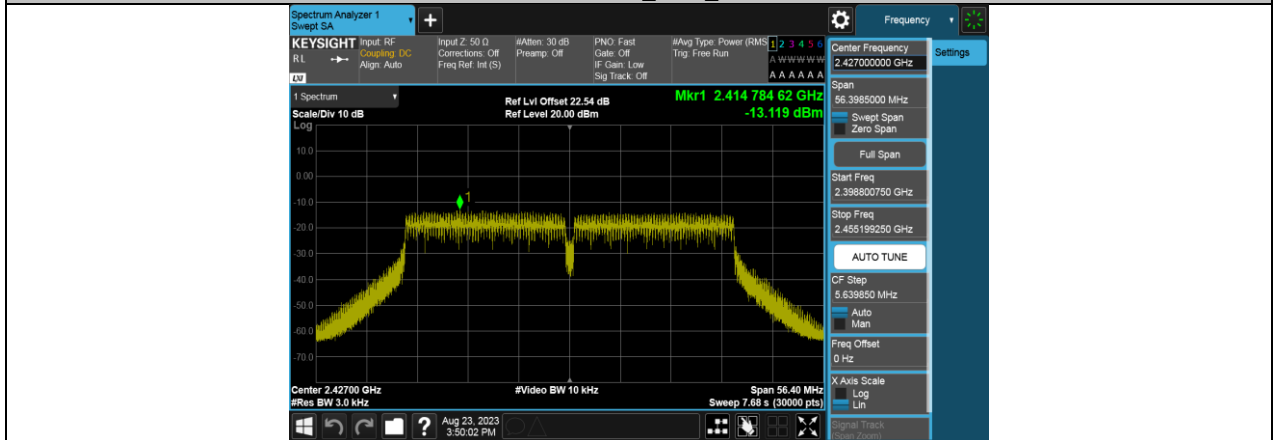
11N20MIMO_Ant2_2462



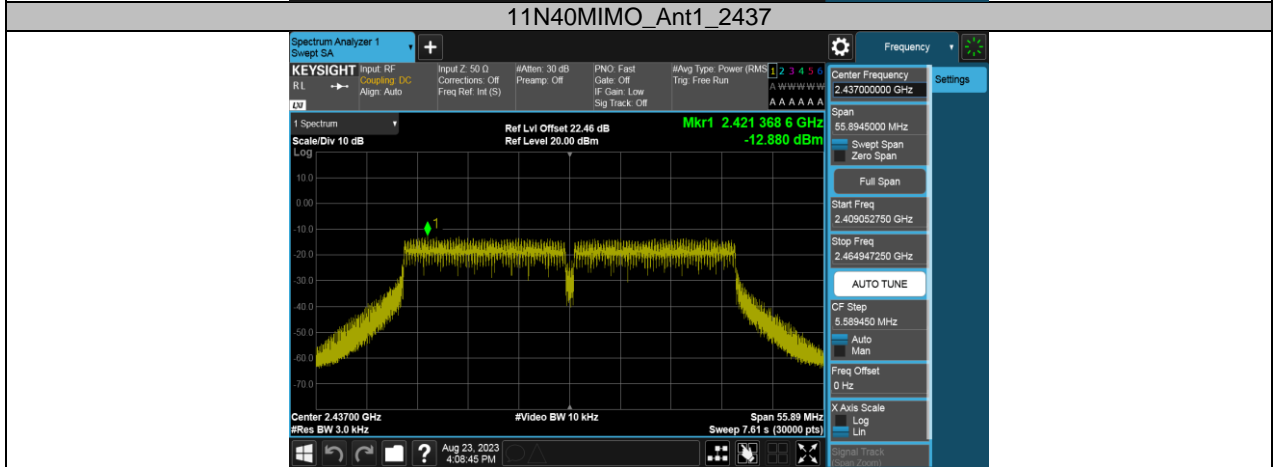
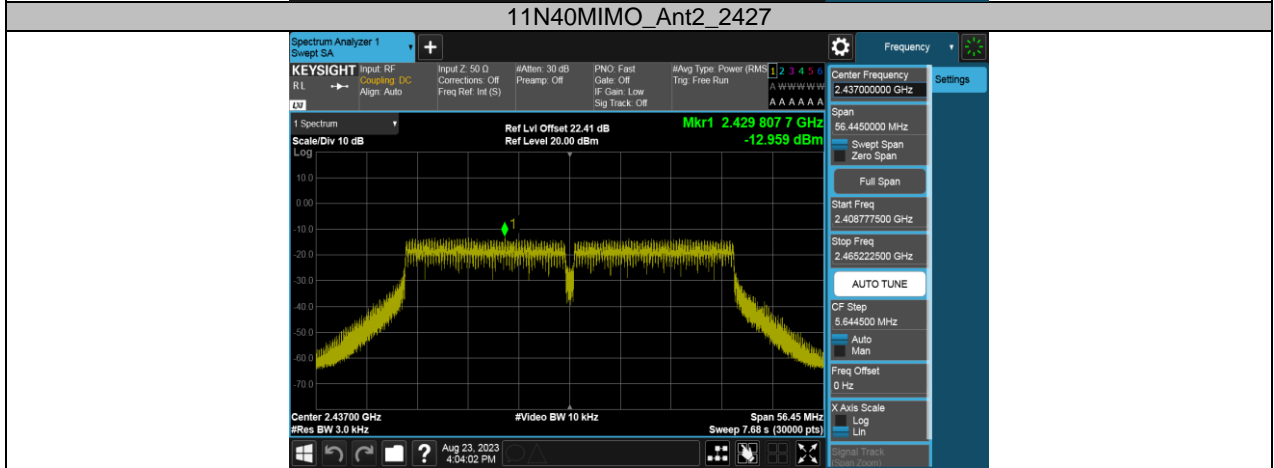
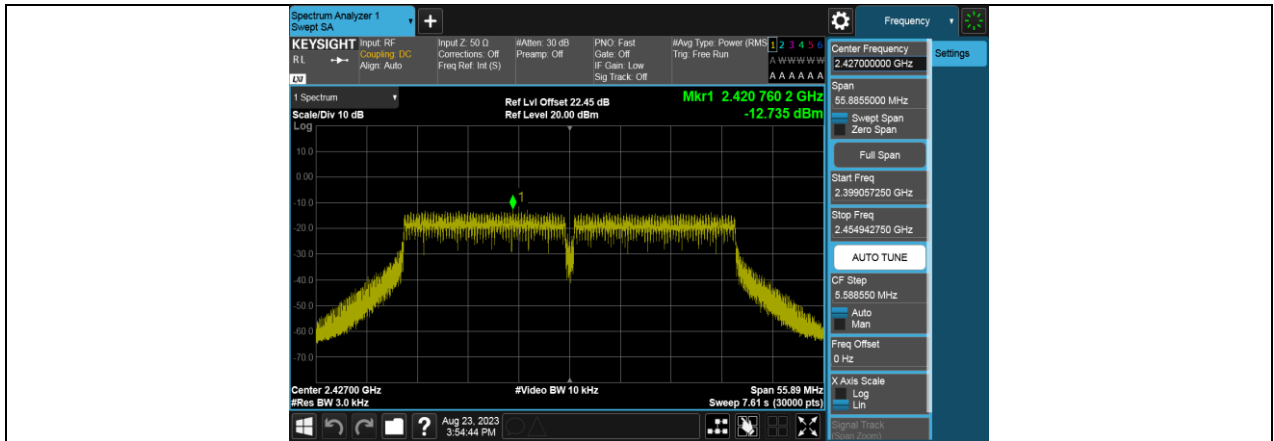
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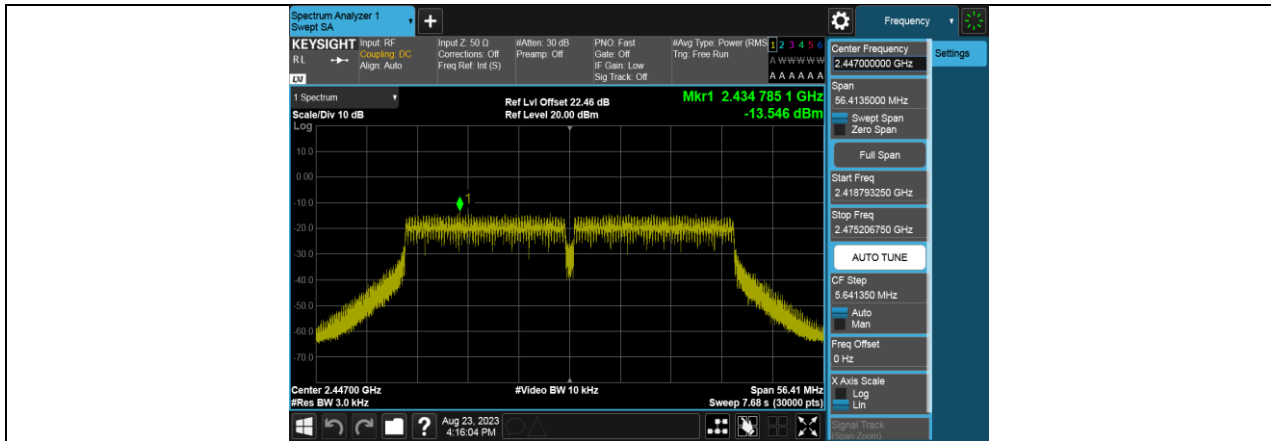


11N40MIMO_Ant2_2422

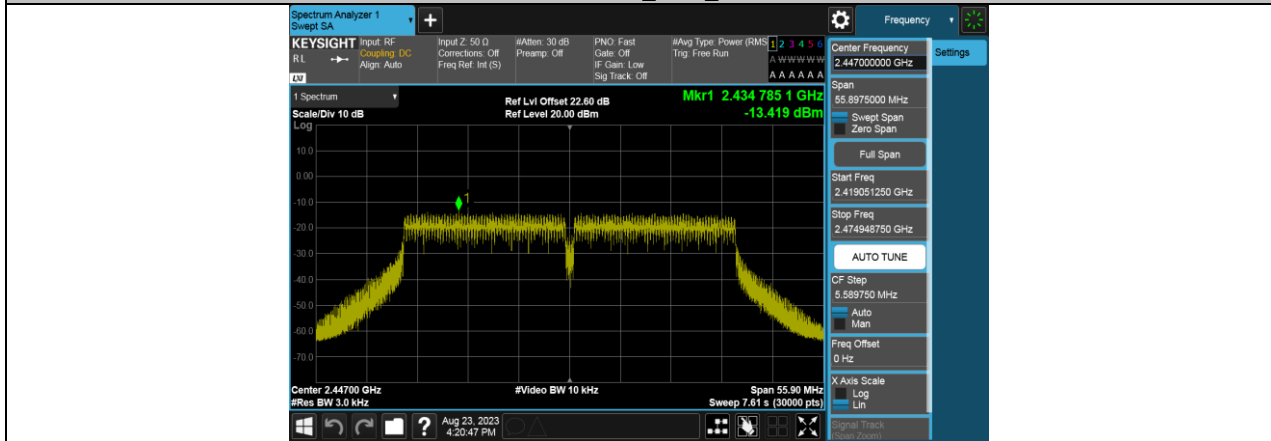


11N40MIMO_Ant1_2427

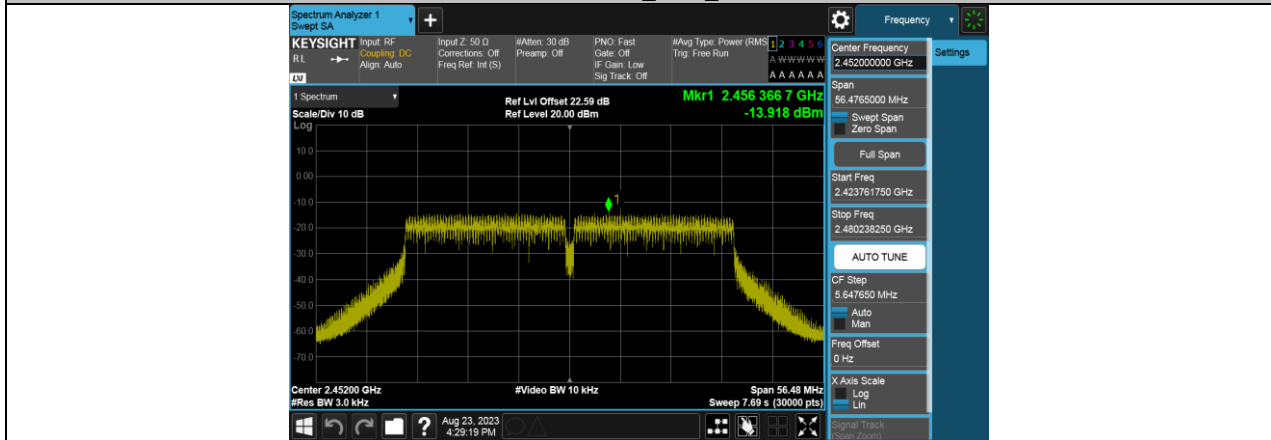




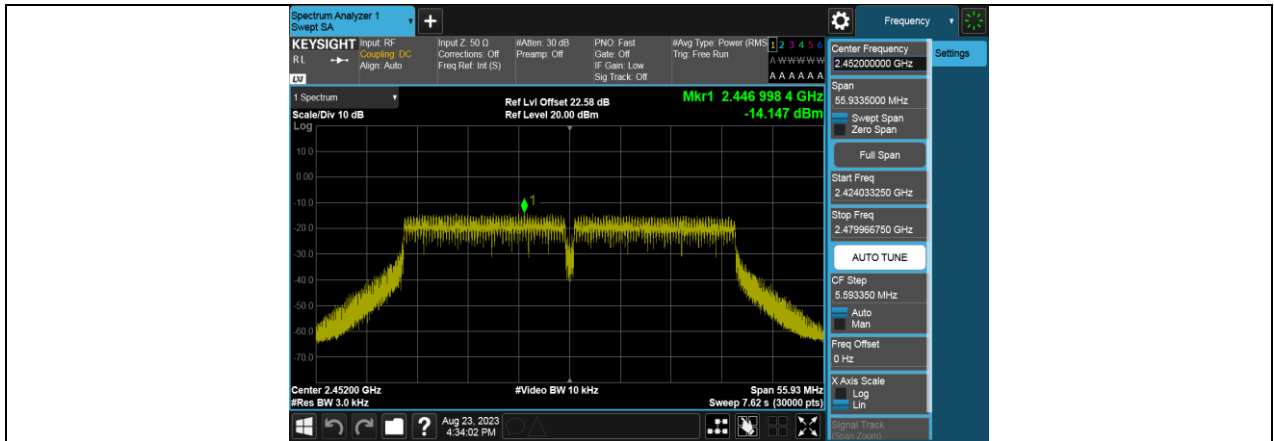
11N40MIMO_Ant1_2447



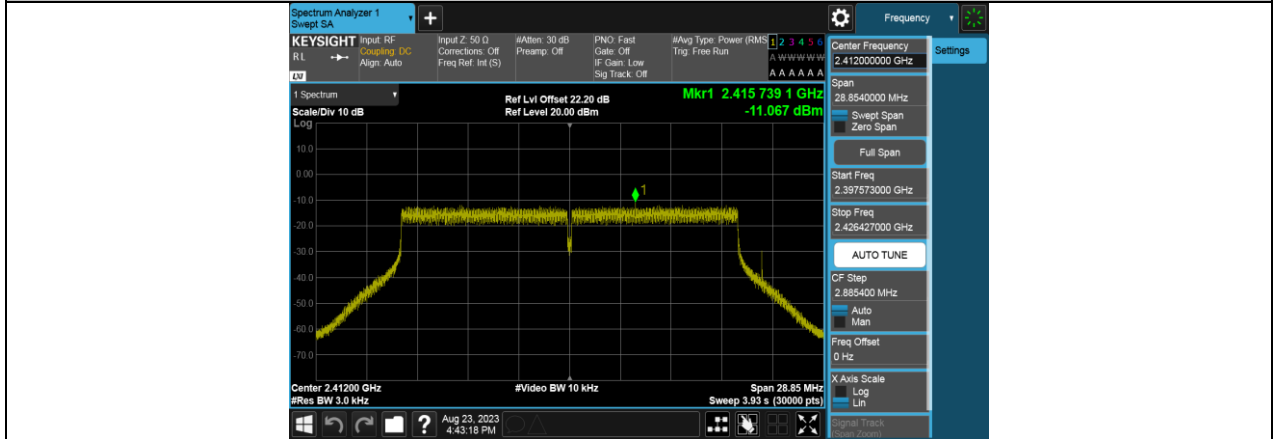
11N40MIMO_Ant2_2447



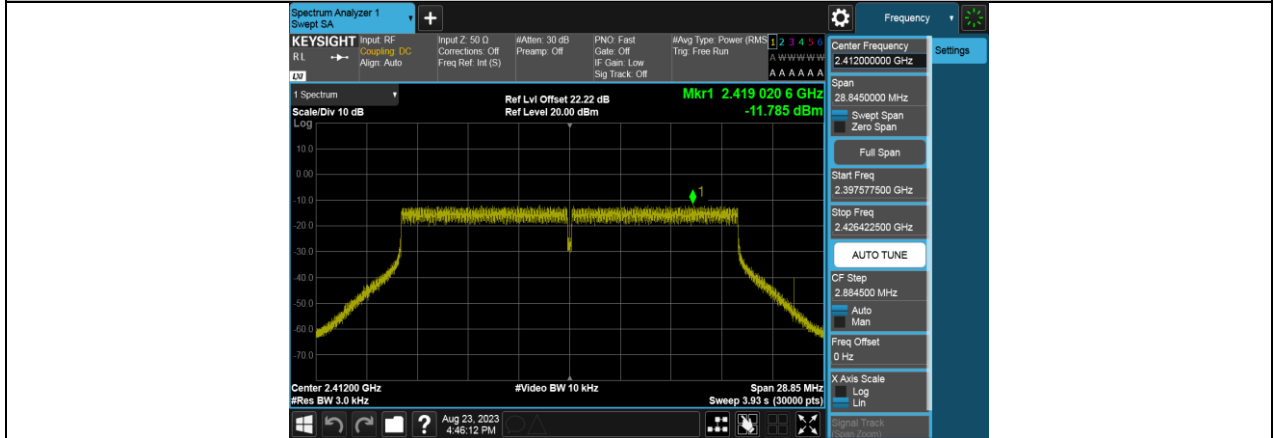
11N40MIMO_Ant1_2452



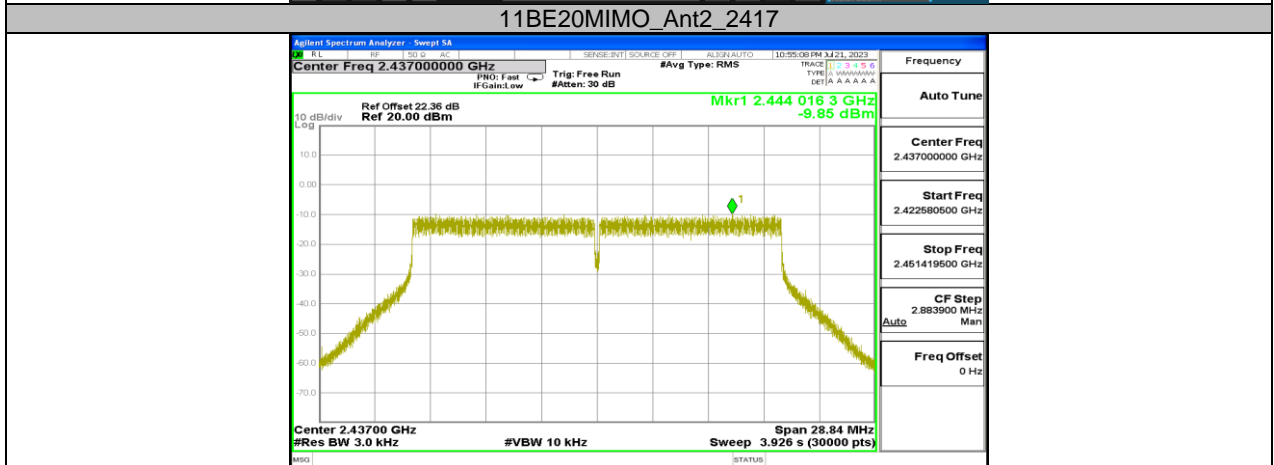
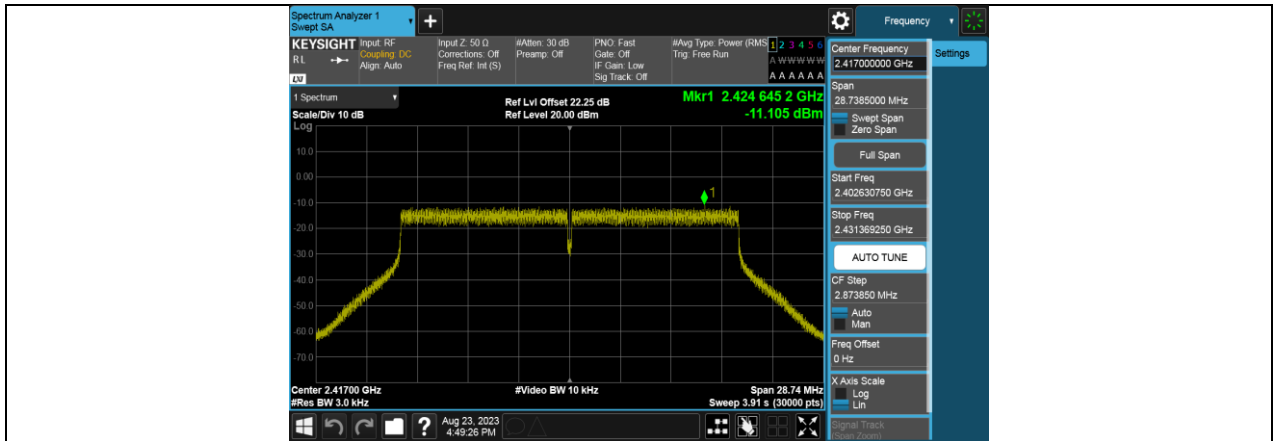
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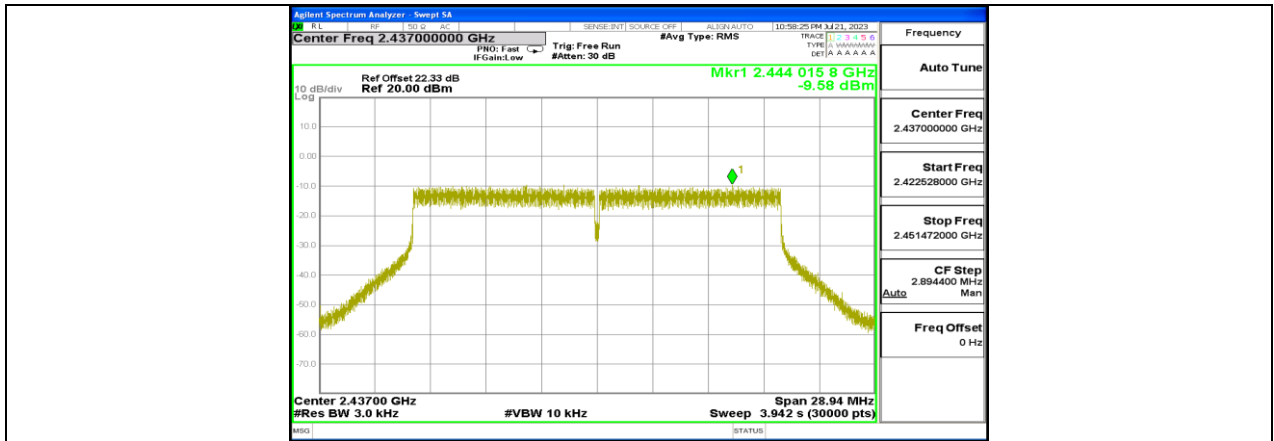


11BE20MIMO_Ant1_2412

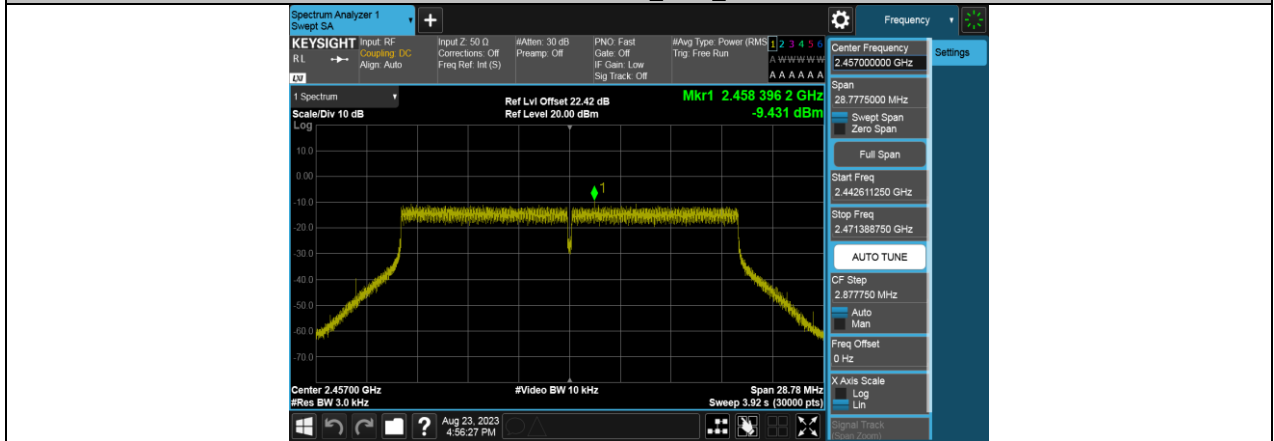


11BE20MIMO_Ant2_2412

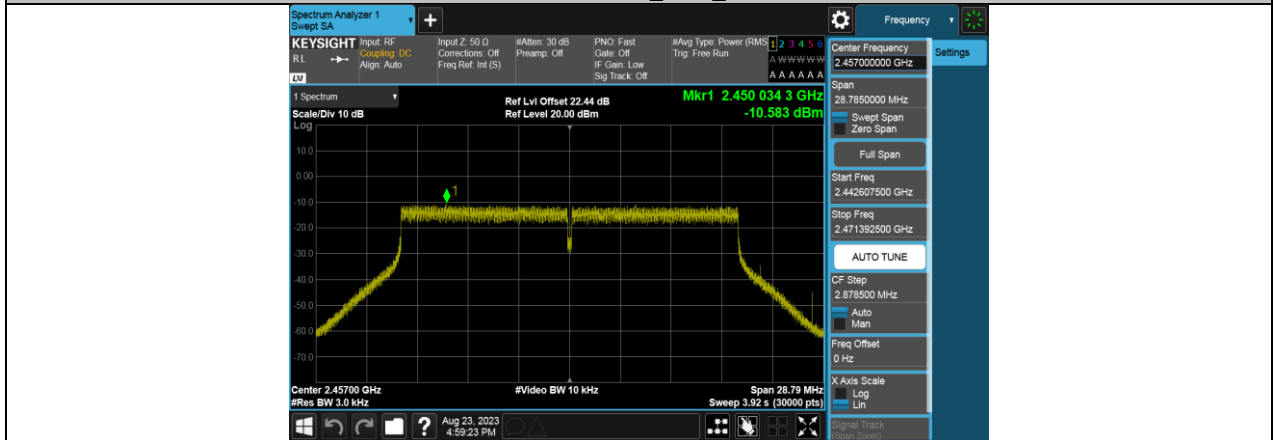




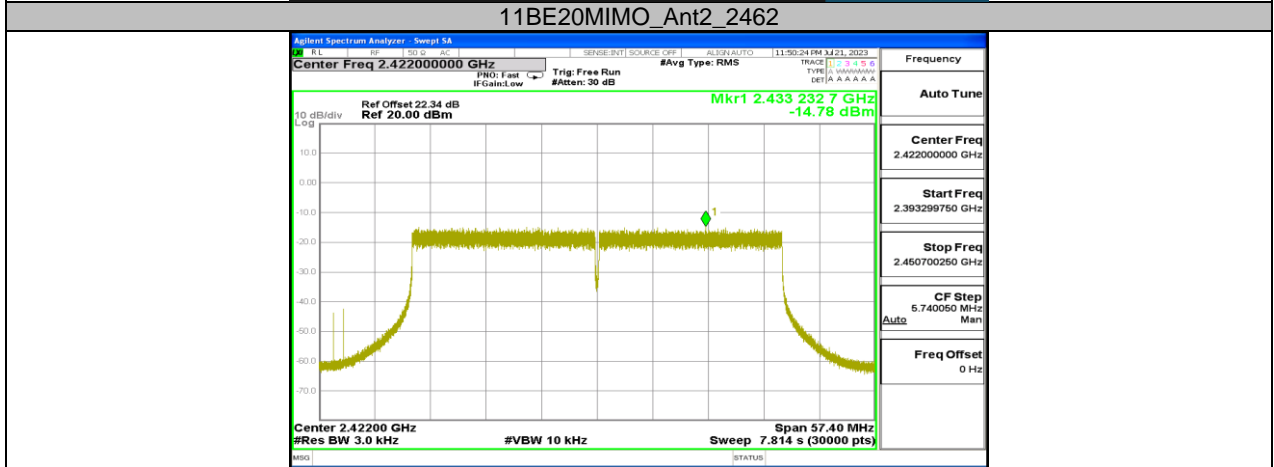
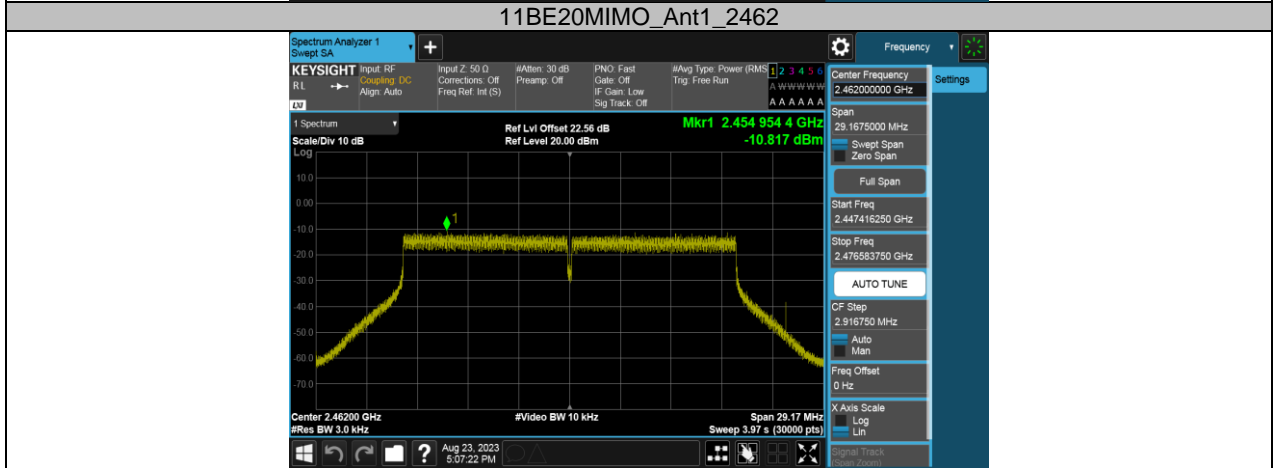
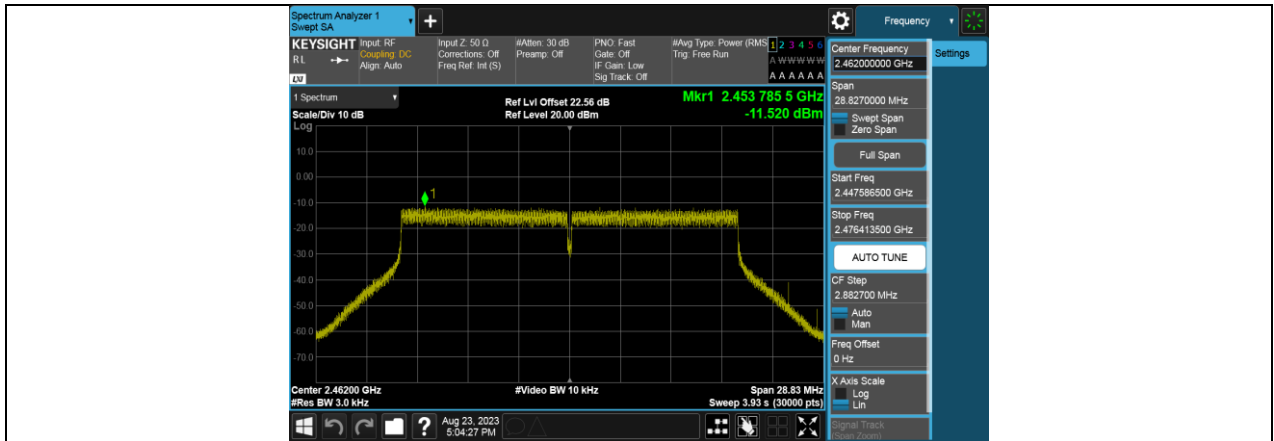
11BE20MIMO_Ant2_2437



11BE20MIMO_Ant1_2457



11BE20MIMO_Ant2_2457



11BE40MIMO_Ant1_2422