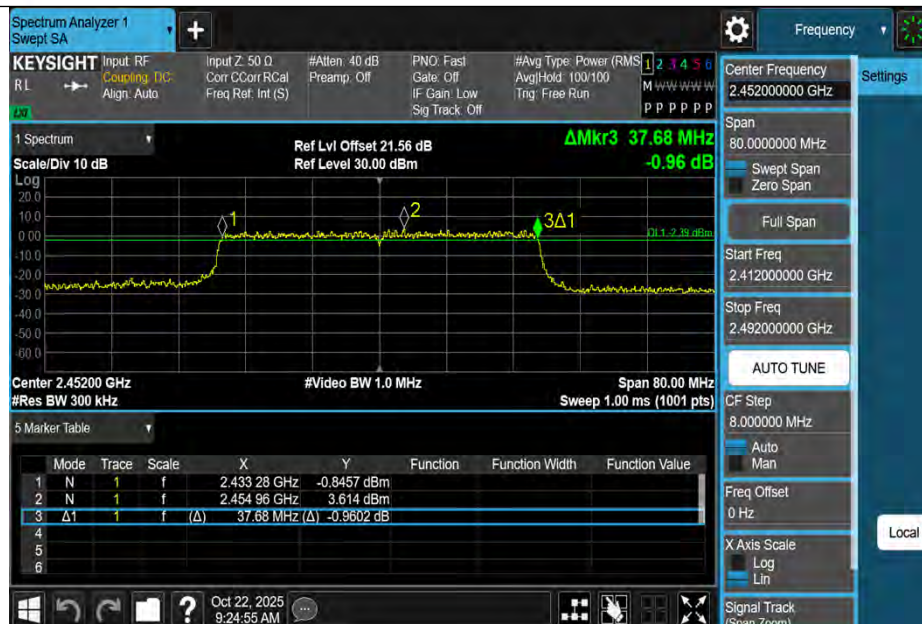
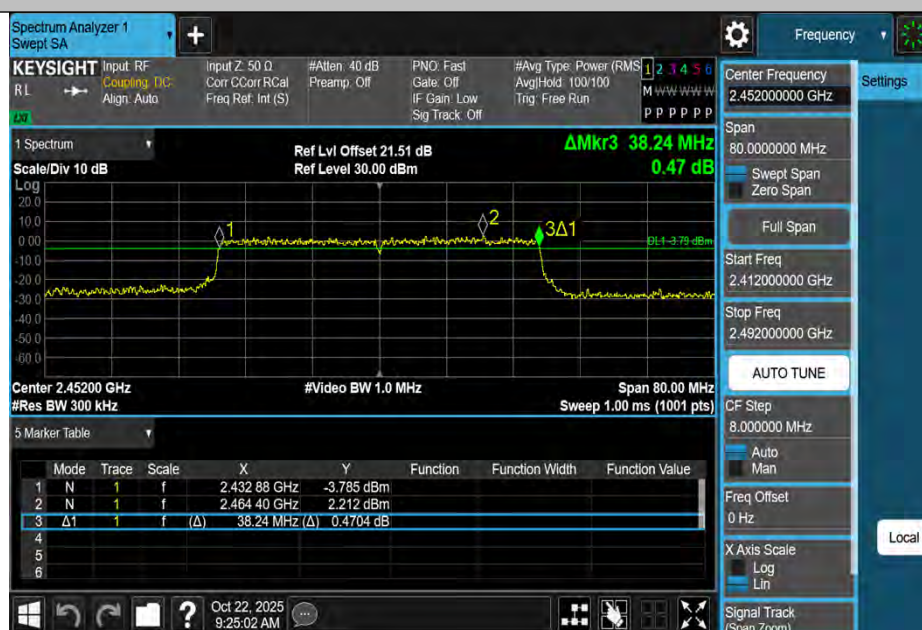




11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant1-2437-PASS



11BE20MIMO-Ant2-2437-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS



11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2437-PASS



11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS

Occupied Channel Bandwidth

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.864	2406.5843	2417.4483	---	---
11B	Ant2	2412	10.759	2406.6378	2417.3968	---	---
11B	Ant1	2437	15.482	2429.2861	2444.7681	---	---
11B	Ant2	2437	15.069	2429.4826	2444.5516	---	---
11B	Ant1	2462	10.832	2456.5974	2467.4294	---	---
11B	Ant2	2462	10.877	2456.5781	2467.4551	---	---
11G	Ant1	2412	17.856	2403.1722	2421.0282	---	---
11G	Ant2	2412	17.766	2403.1754	2420.9414	---	---
11G	Ant1	2437	18.382	2427.8423	2446.2243	---	---
11G	Ant2	2437	17.914	2428.0237	2445.9377	---	---
11G	Ant1	2462	17.951	2452.9181	2470.8691	---	---
11G	Ant2	2462	17.899	2453.0157	2470.9147	---	---
11N20MIMO	Ant1	2412	18.708	2402.6851	2421.3931	---	---
11N20MIMO	Ant2	2412	18.574	2402.7574	2421.3314	---	---
11N20MIMO	Ant1	2437	19.159	2427.4823	2446.6413	---	---
11N20MIMO	Ant2	2437	18.822	2427.6359	2446.4579	---	---
11N20MIMO	Ant1	2462	18.781	2452.5574	2471.3384	---	---
11N20MIMO	Ant2	2462	18.548	2452.6743	2471.2223	---	---
11N40MIMO	Ant1	2422	36.921	2403.6053	2440.5263	---	---
11N40MIMO	Ant2	2422	36.855	2403.6292	2440.4842	---	---
11N40MIMO	Ant1	2437	37.547	2418.2162	2455.7632	---	---
11N40MIMO	Ant2	2437	37.244	2418.3639	2455.6079	---	---
11N40MIMO	Ant1	2452	36.773	2433.5261	2470.2991	---	---
11N40MIMO	Ant2	2452	36.837	2433.6062	2470.4432	---	---
11AX20MIMO	Ant1	2412	19.297	2402.3835	2421.6805	---	---
11AX20MIMO	Ant2	2412	19.329	2402.3457	2421.6747	---	---
11AX20MIMO	Ant1	2437	19.656	2427.2053	2446.8613	---	---
11AX20MIMO	Ant2	2437	19.430	2427.2824	2446.7124	---	---
11AX20MIMO	Ant1	2462	19.377	2452.2527	2471.6297	---	---
11AX20MIMO	Ant2	2462	19.333	2452.3248	2471.6578	---	---
11AX40MIMO	Ant1	2422	38.054	2403.0323	2441.0863	---	---
11AX40MIMO	Ant2	2422	38.036	2403.0281	2441.0641	---	---
11AX40MIMO	Ant1	2437	39.408	2417.3636	2456.7716	---	---
11AX40MIMO	Ant2	2437	39.160	2417.3645	2456.5245	---	---
11AX40MIMO	Ant1	2452	38.077	2432.9563	2471.0333	---	---
11AX40MIMO	Ant2	2452	38.004	2432.9451	2470.9491	---	---
11BE20MIMO	Ant1	2412	19.327	2402.3783	2421.7053	---	---
11BE20MIMO	Ant2	2412	19.239	2402.4517	2421.6907	---	---

11BE20MIMO	Ant1	2437	19.617	2427.1453	2446.7623	---	---
11BE20MIMO	Ant2	2437	19.533	2427.2428	2446.7758	---	---
11BE20MIMO	Ant1	2462	19.299	2452.3235	2471.6225	---	---
11BE20MIMO	Ant2	2462	19.345	2452.3421	2471.6871	---	---
11BE40MIMO	Ant1	2422	38.064	2403.0273	2441.0913	---	---
11BE40MIMO	Ant2	2422	38.136	2402.9490	2441.0850	---	---
11BE40MIMO	Ant1	2437	38.902	2417.4762	2456.3782	---	---
11BE40MIMO	Ant2	2437	38.708	2417.6551	2456.3631	---	---
11BE40MIMO	Ant1	2452	38.069	2432.9604	2471.0294	---	---
11BE40MIMO	Ant2	2452	38.093	2432.8850	2470.9780	---	---

Test Graphs



11B-Ant1-2412



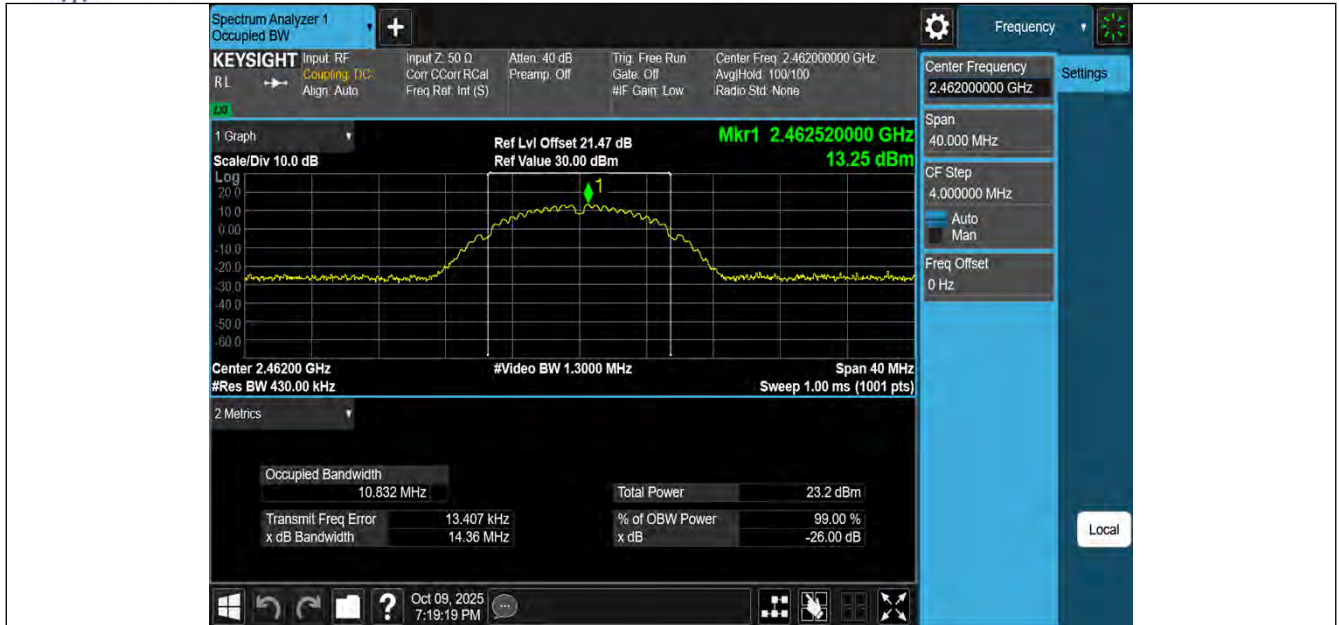
11B-Ant2-2412



11B-Ant1-2437



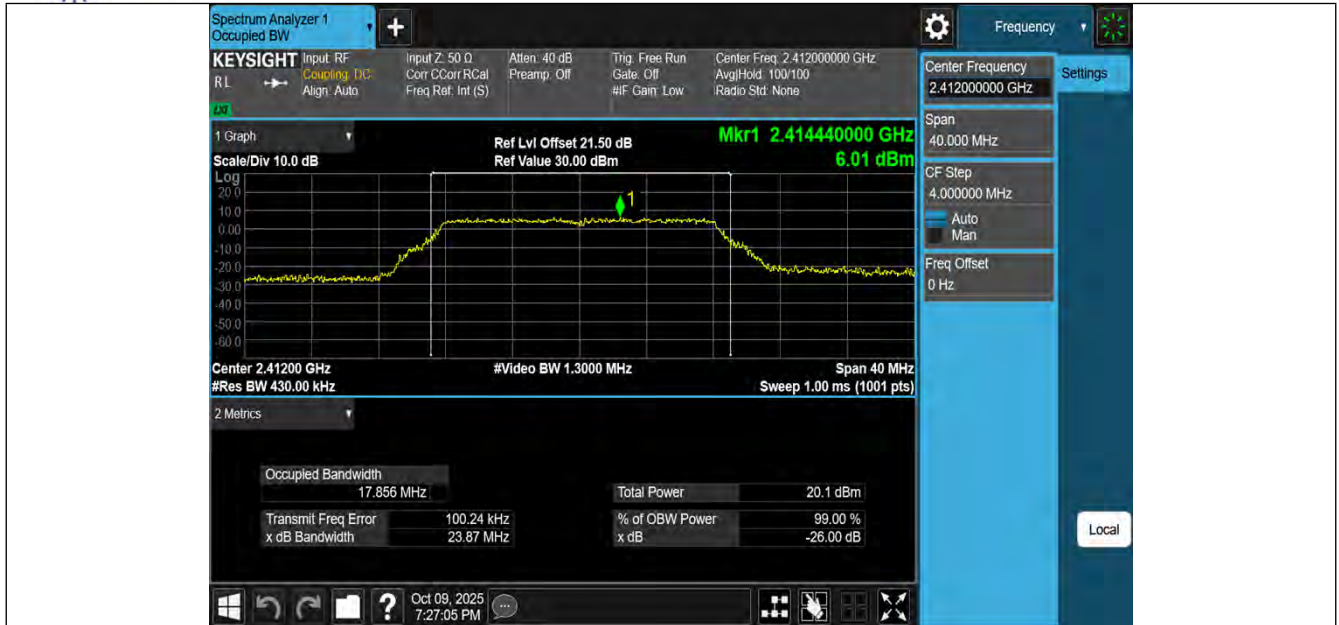
11B-Ant2-2437



11B-Ant1-2462



11B-Ant2-2462



11G-Ant1-2412



11G-Ant2-2412



11G-Ant1-2437



11G-Ant2-2437



11G-Ant1-2462



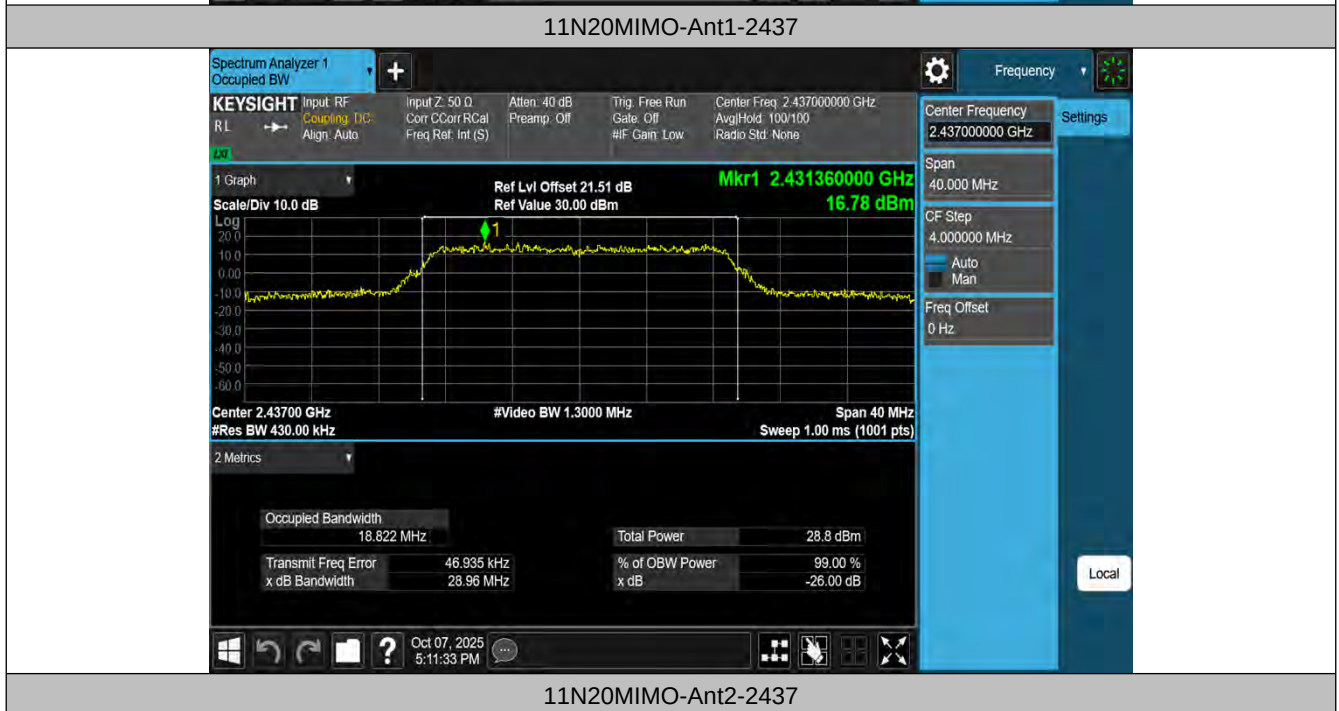
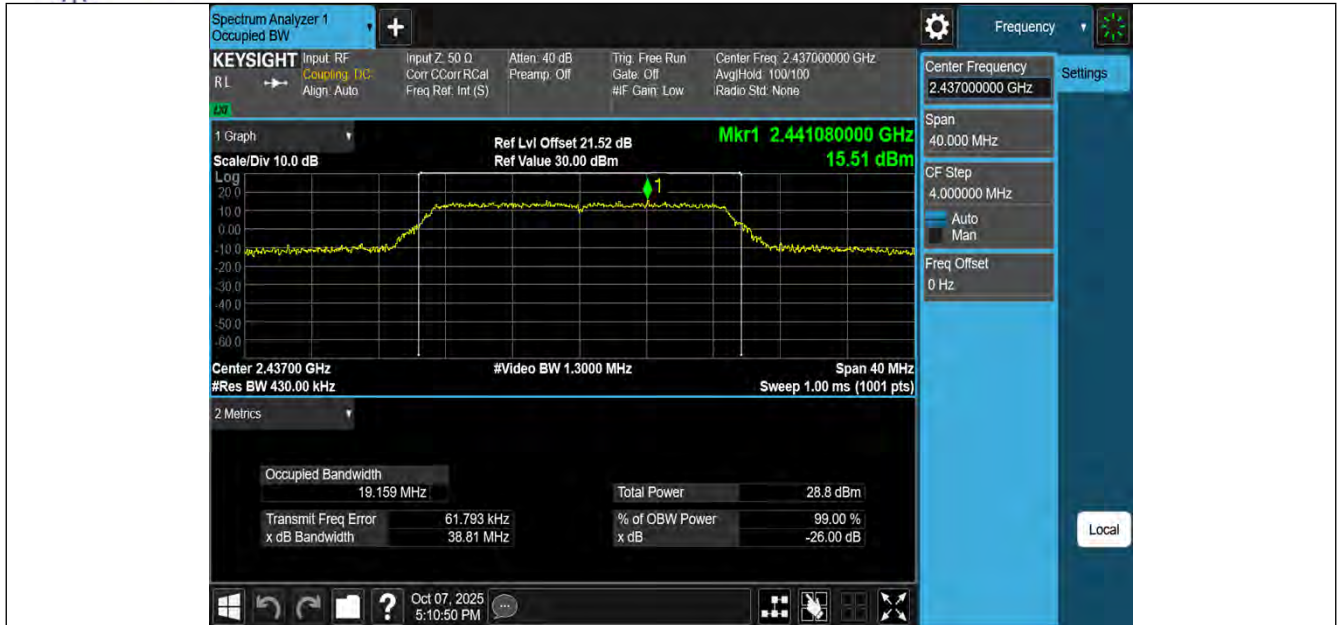
11G-Ant2-2462

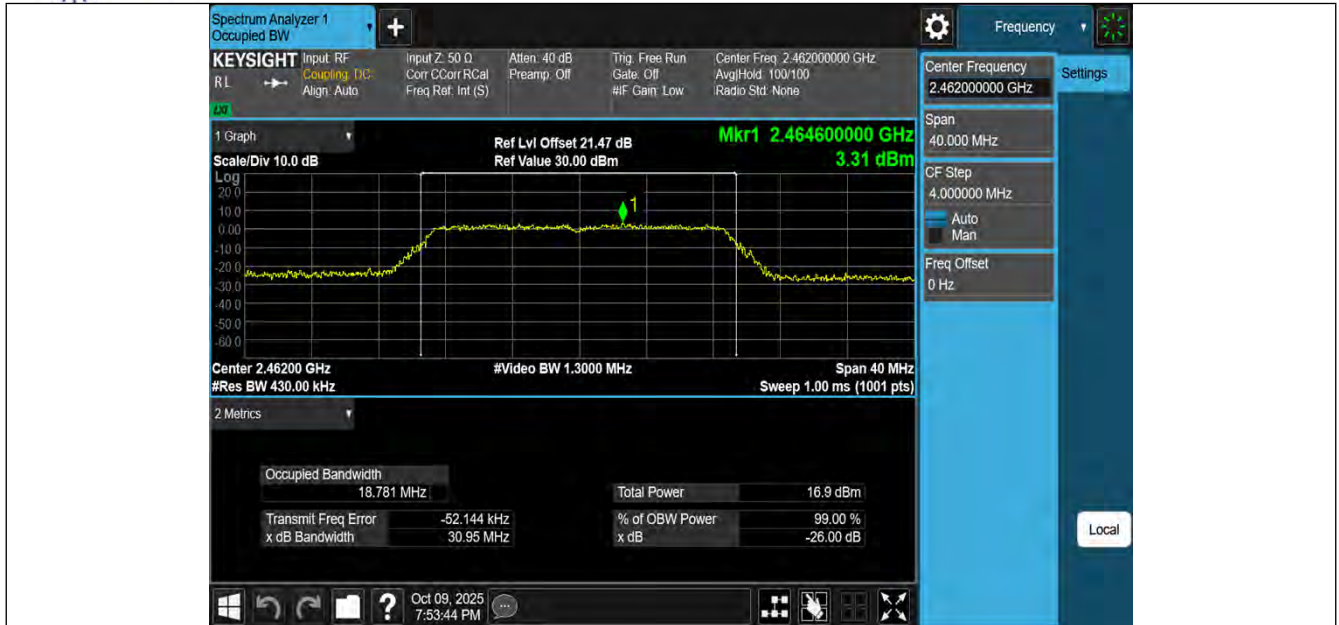


11N20MIMO-Ant1-2412



11N20MIMO-Ant2-2412

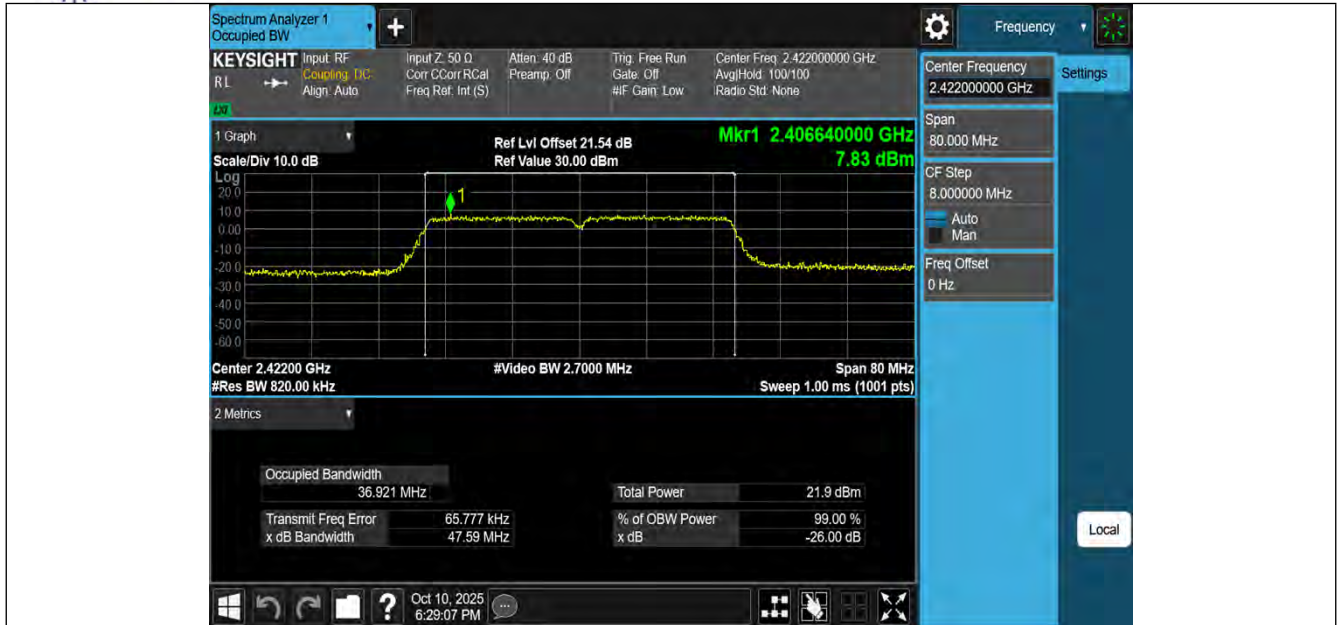




11N20MIMO-Ant1-2462



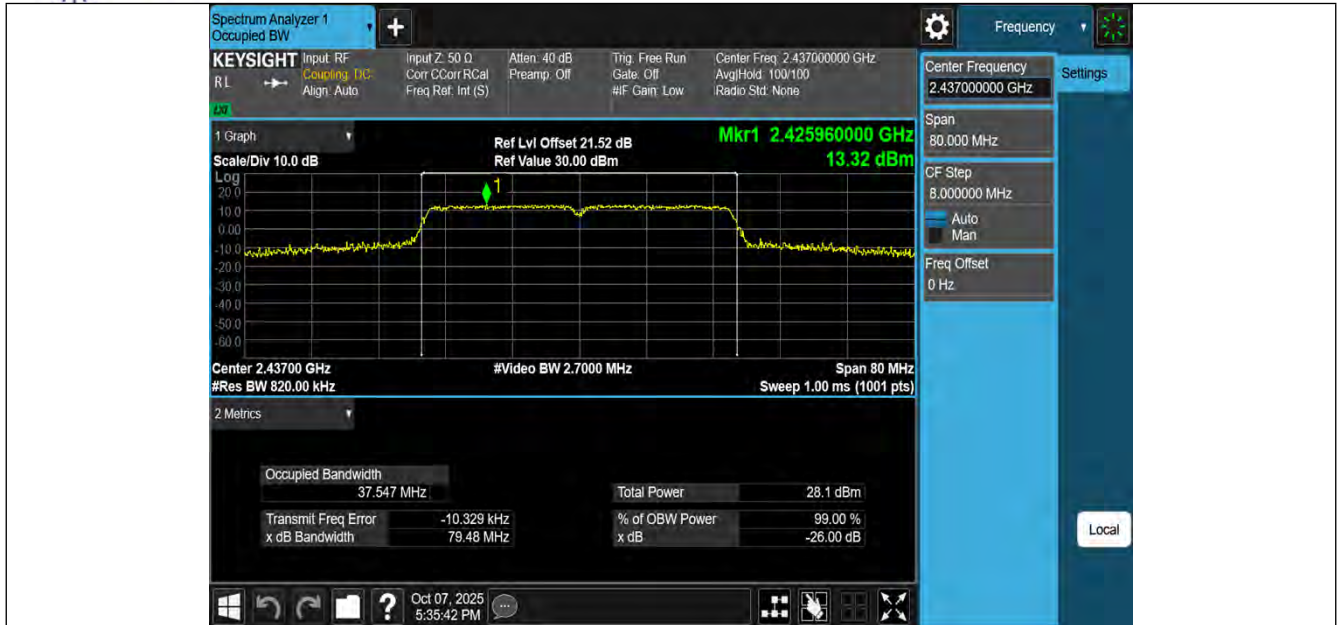
11N20MIMO-Ant2-2462



11N40MIMO-Ant1-2422



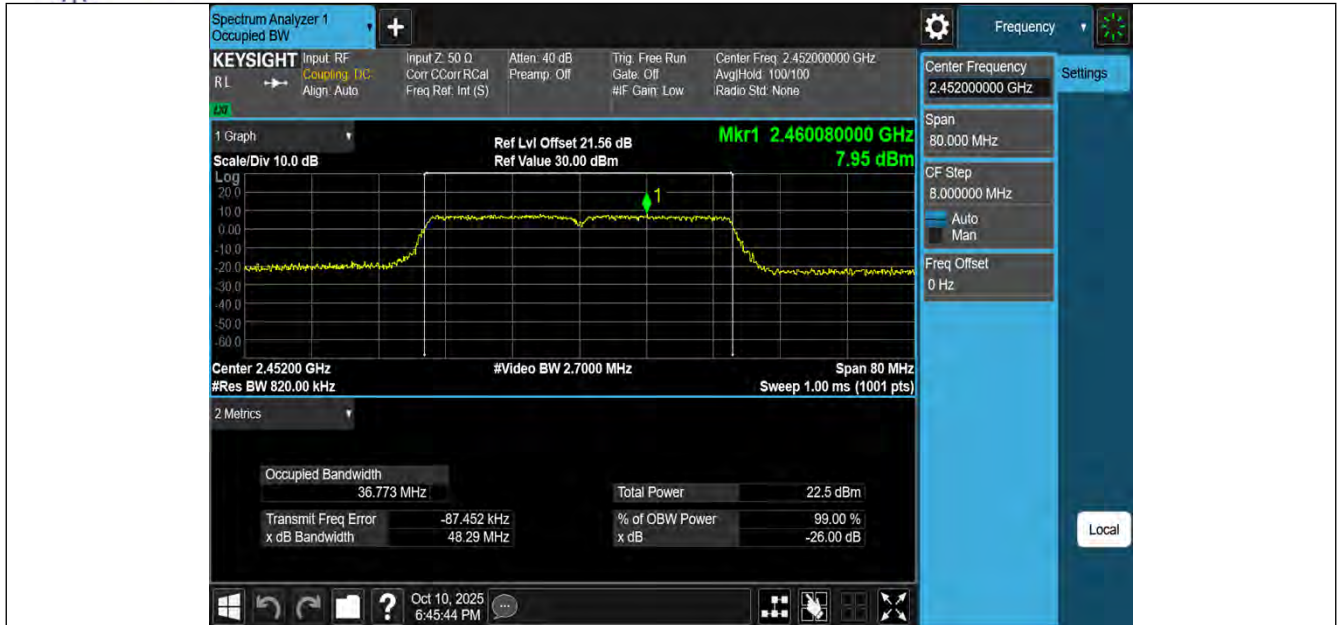
11N40MIMO-Ant2-2422



11N40MIMO-Ant1-2437



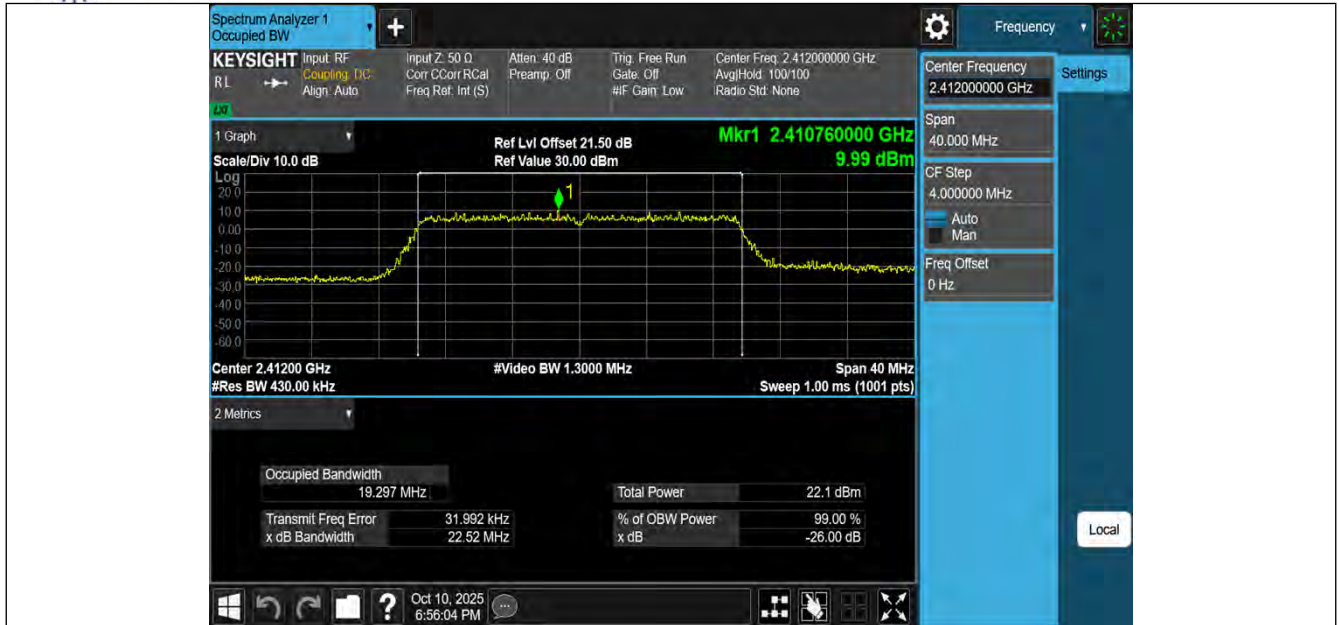
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11N40MIMO-Ant1-2452



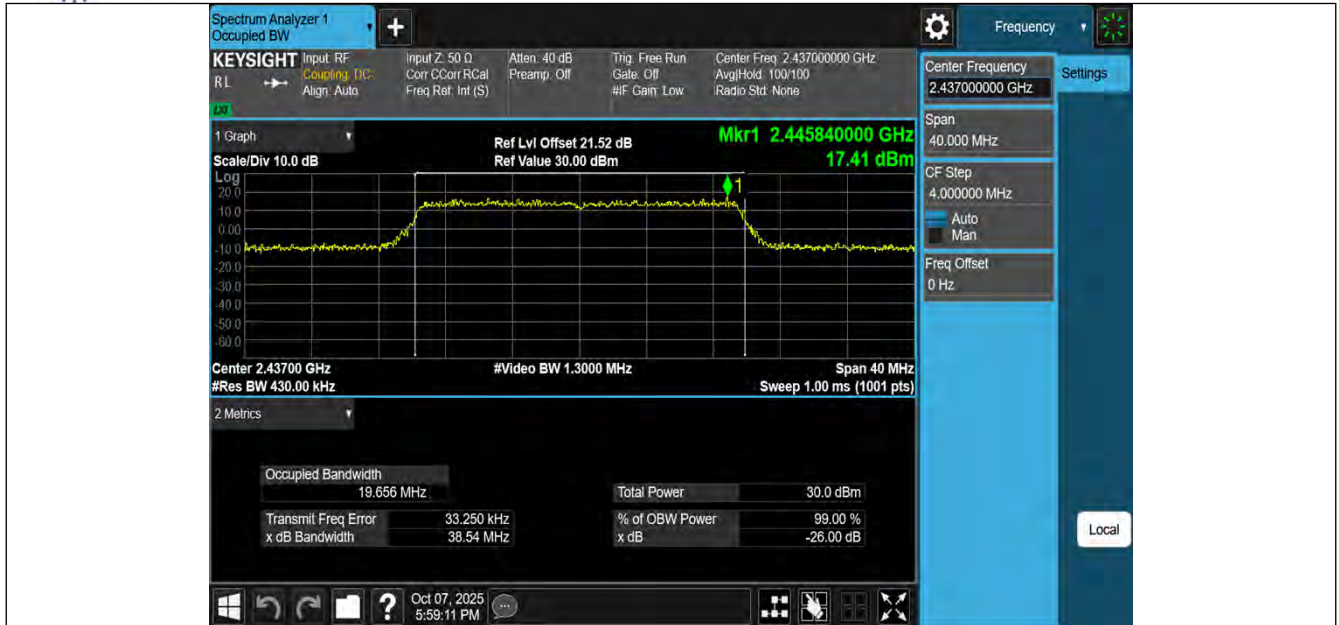
11N40MIMO-Ant2-2452



11AX20MIMO-Ant1-2412



11AX20MIMO-Ant2-2412



11AX20MIMO-Ant1-2437



11AX20MIMO-Ant2-2437



11AX20MIMO-Ant1-2462



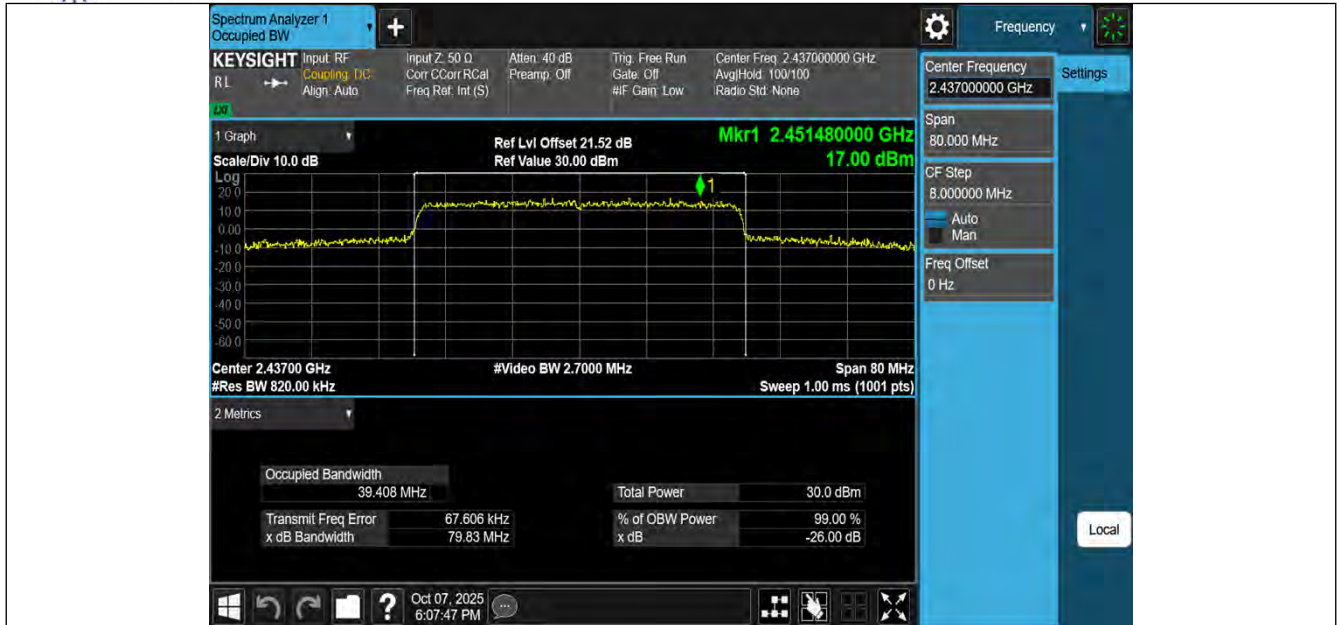
11AX20MIMO-Ant2-2462



11AX40MIMO-Ant1-2422



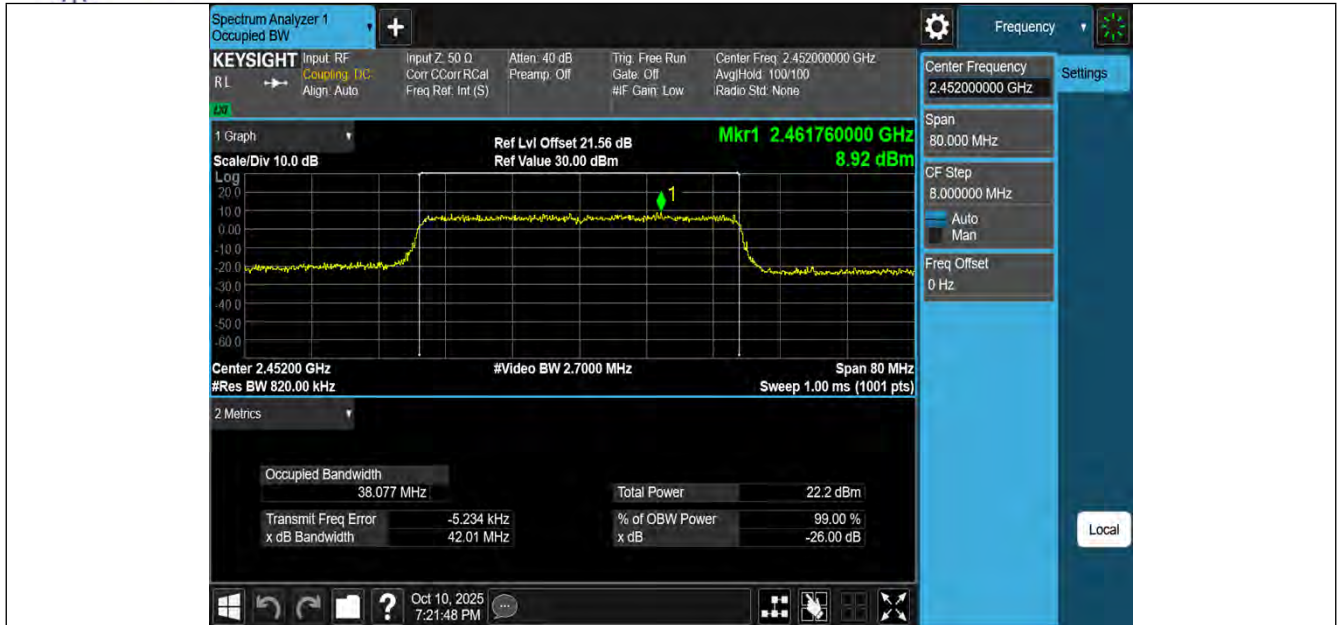
11AX40MIMO-Ant2-2422



11AX40MIMO-Ant1-2437



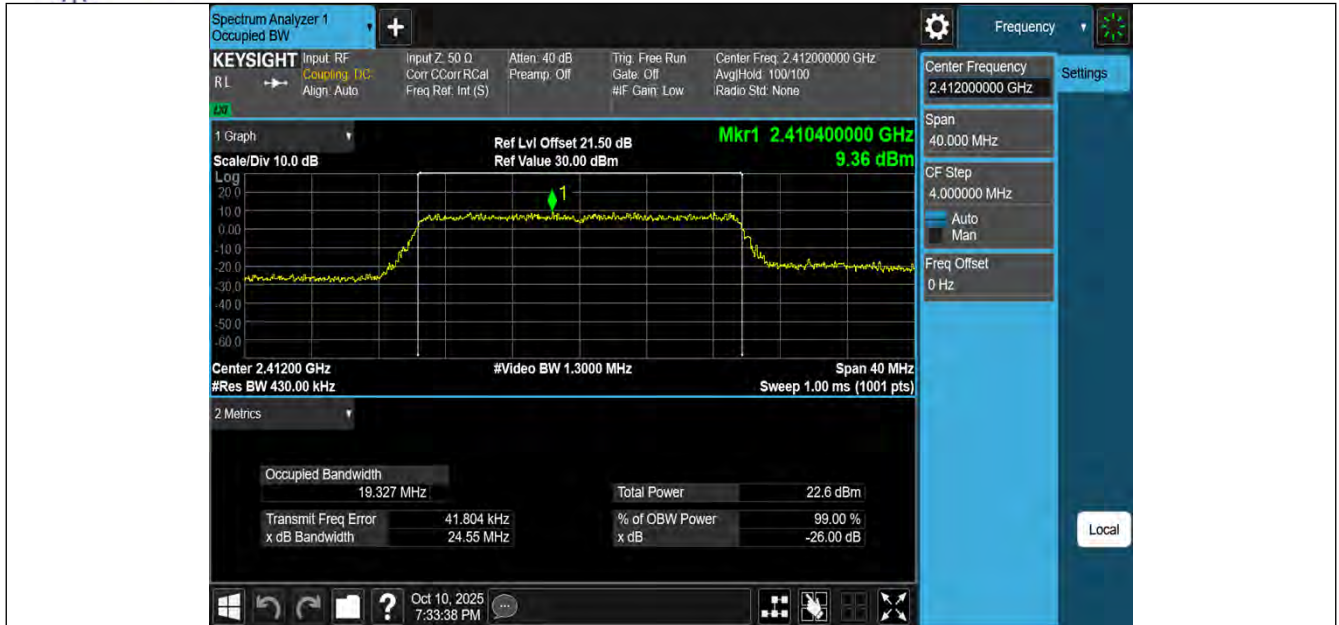
11AX40MIMO-Ant2-2437



11AX40MIMO-Ant1-2452



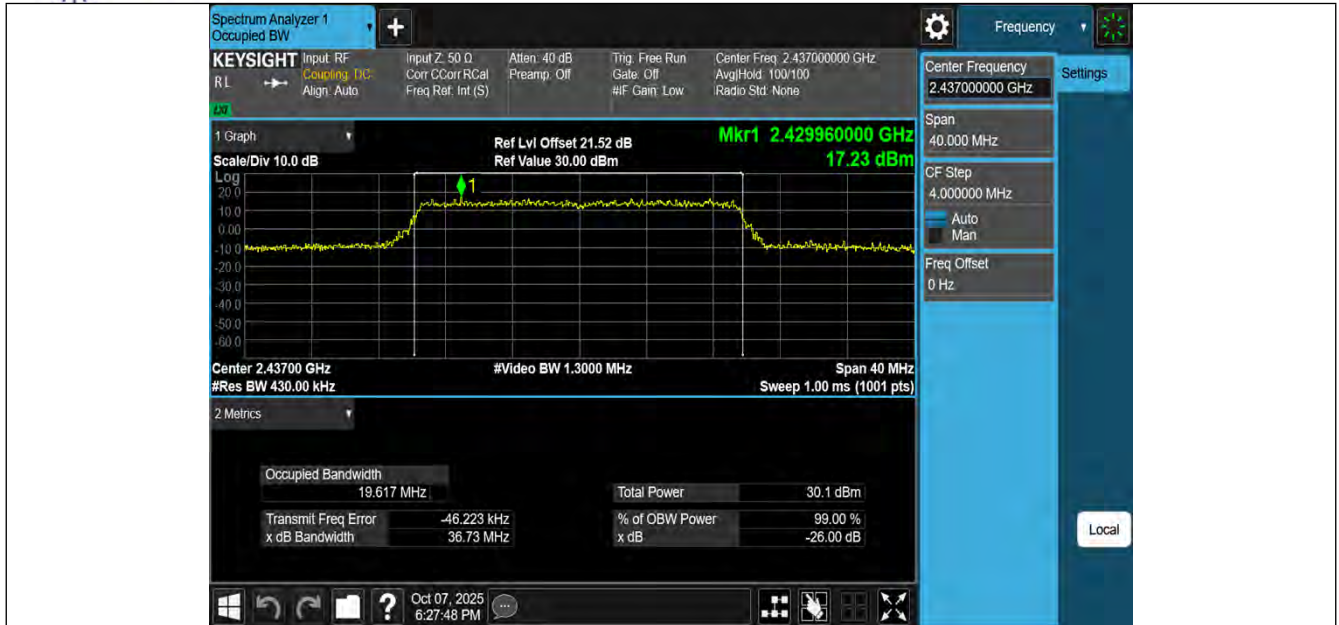
11AX40MIMO-Ant2-2452



11BE20MIMO-Ant1-2412



11BE20MIMO-Ant2-2412



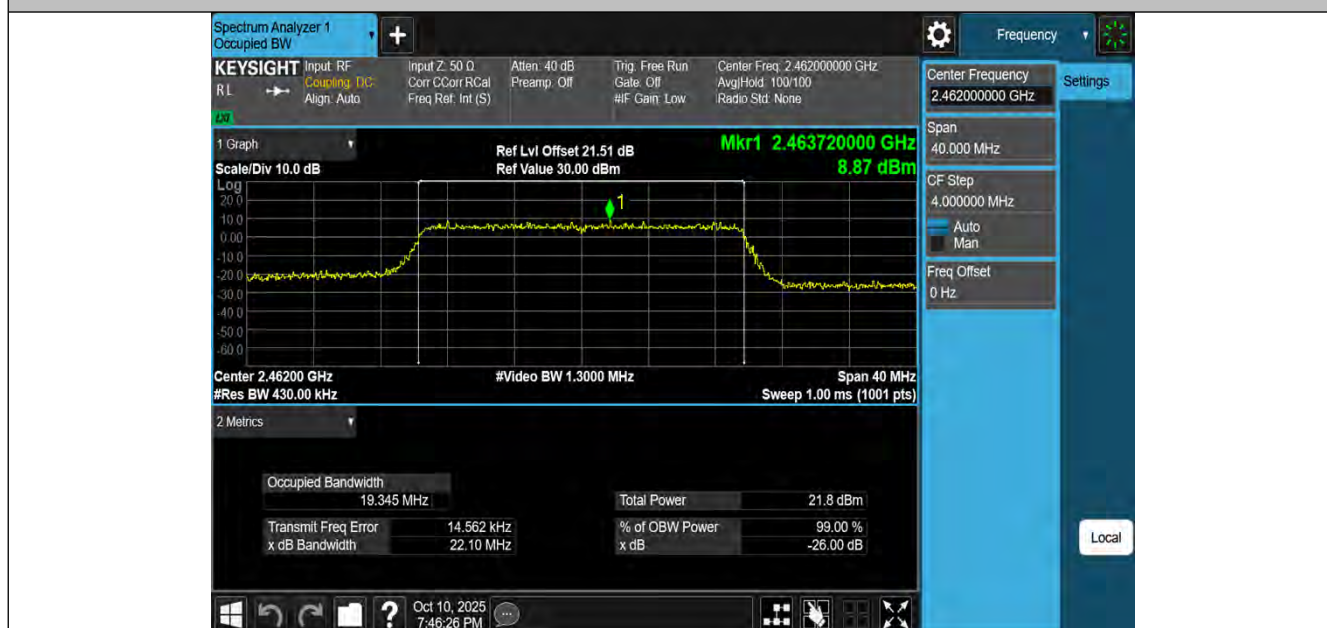
11BE20MIMO-Ant1-2437



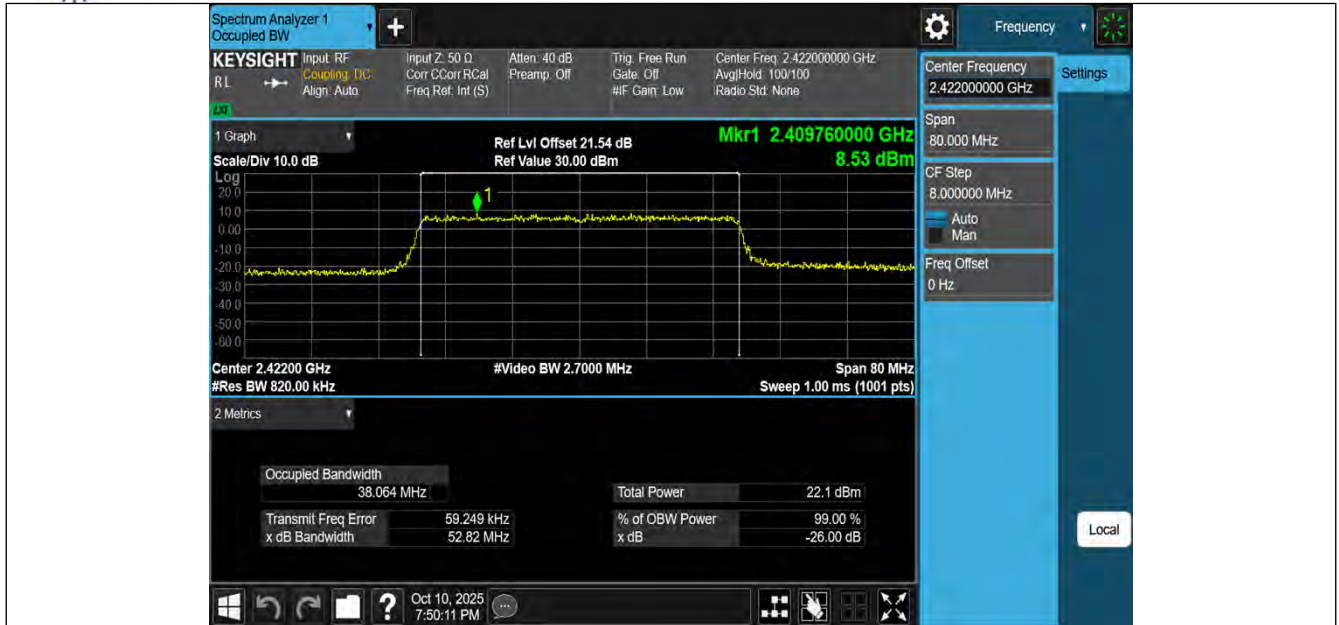
11BE20MIMO-Ant2-2437



11BE20MIMO-Ant1-2462



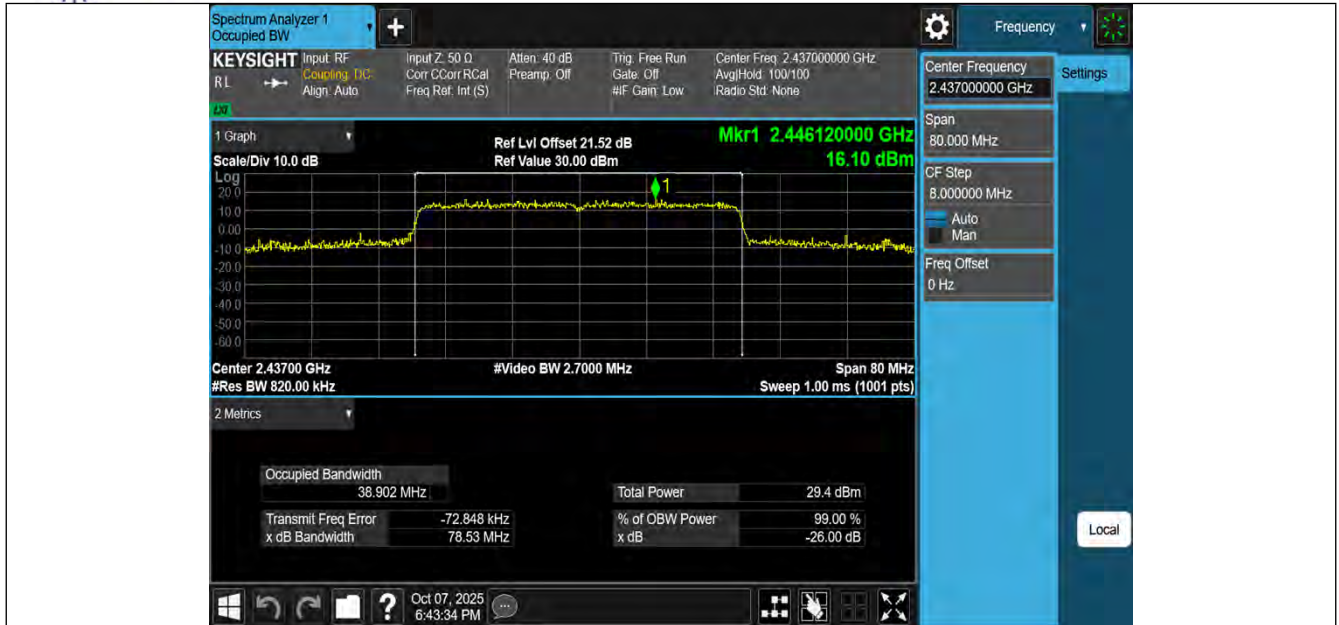
11BE20MIMO-Ant2-2462



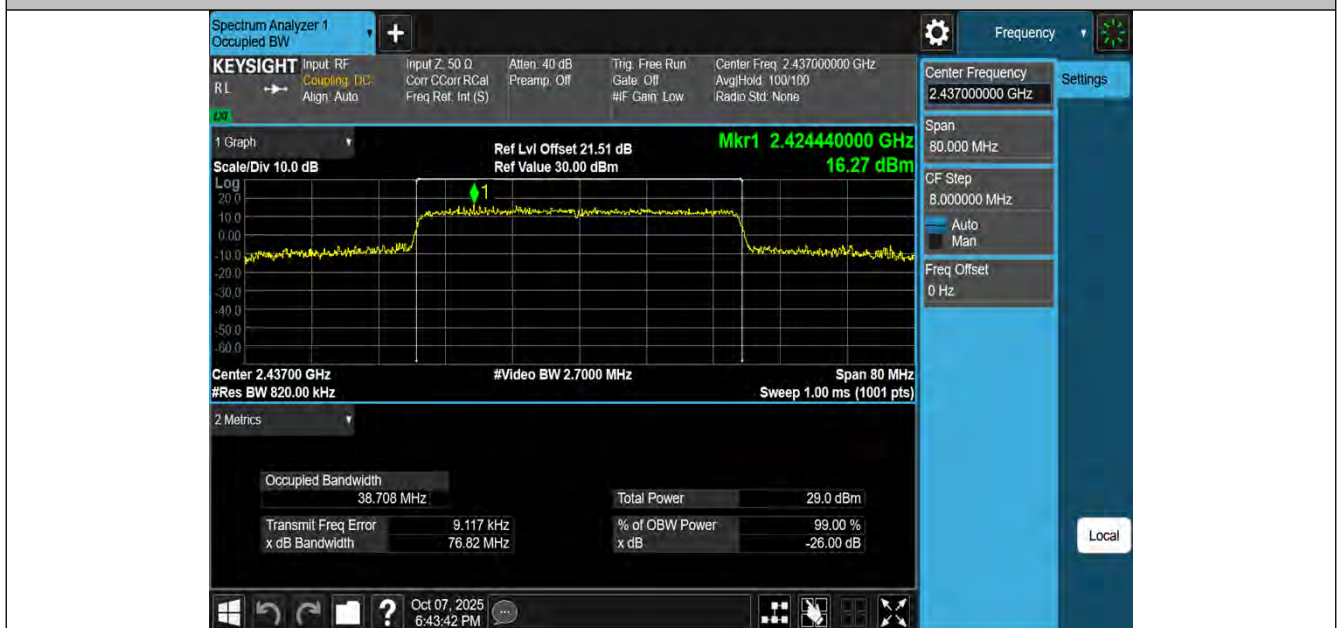
11BE40MIMO-Ant1-2422



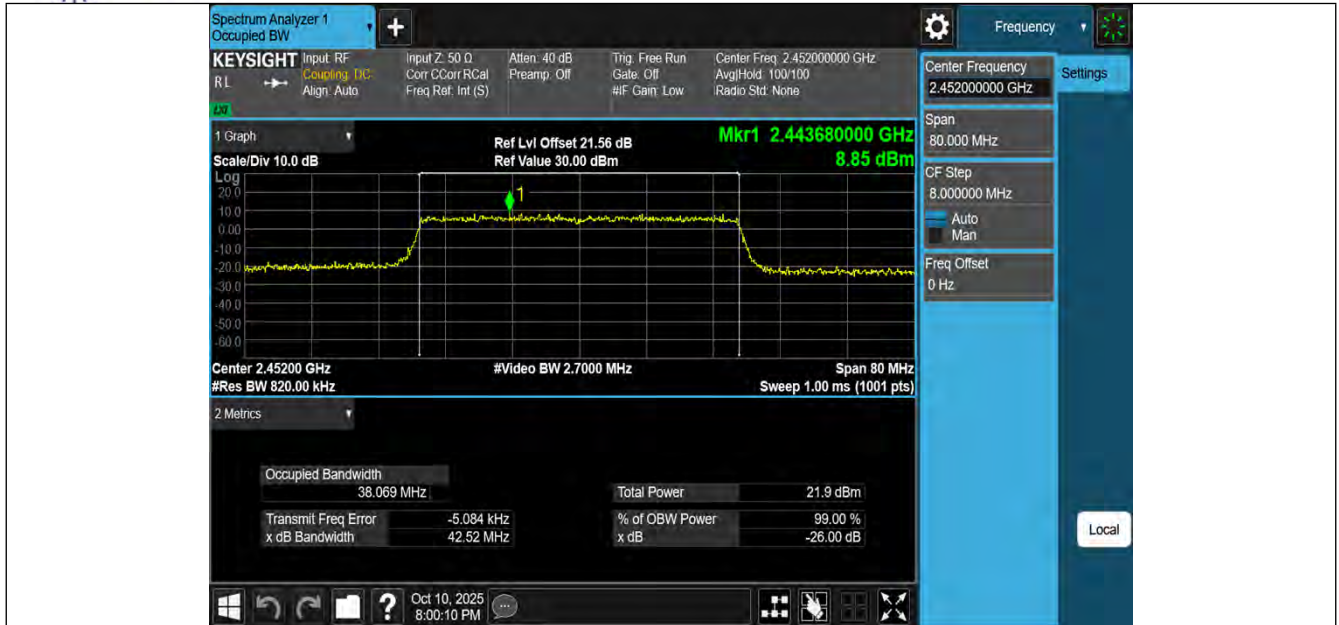
11BE40MIMO-Ant2-2422



11BE40MIMO-Ant1-2437



11BE40MIMO-Ant2-2437



11BE40MIMO-Ant1-2452



11BE40MIMO-Ant2-2452

3.5 Maximum conducted output power

3.5.1 Limit

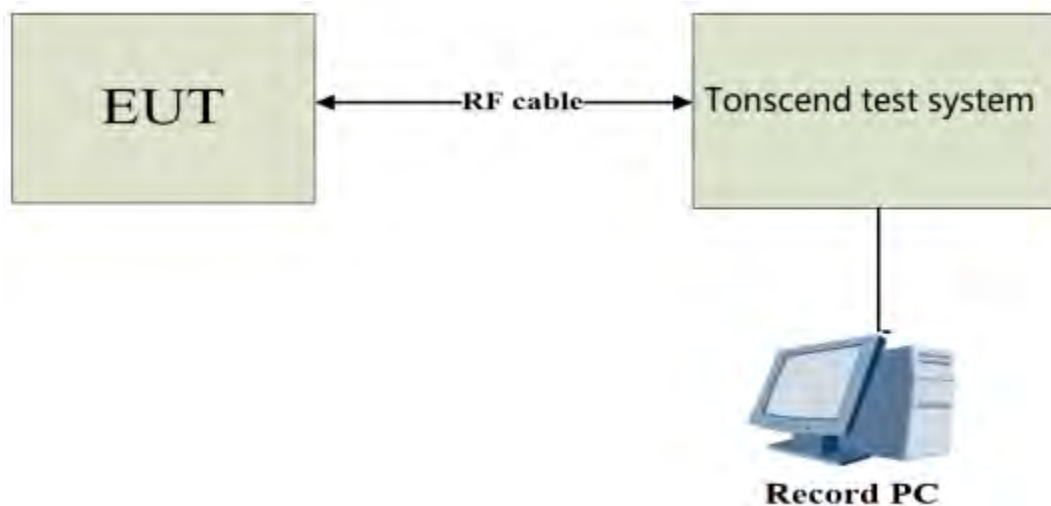
For systems using digital modulation in the 2400~2483.5MHz, The Maximum output Power shall not exceed 1W(30dBm)

3.5.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

- The EUT was directly connected to the tonscend test system and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.2.3.1 (for method AVGPM)of ANSI C63.10-2013.

3.5.3 Test Setup



3.5.4 Table of Parameters of Text Software Setting

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product. Except for the power setting of the intermediate channel, the power settings of all other frequency points are the same as those of the edge channel.

No beamforming

Test Software Version	accessMTool_REL_3_3_0_2		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	82	90	82
IEEE 802.11g	65	92	65
IEEE 802.11n(20)	65	93	65
IEEE 802.11ax(20)	60	92	59
IEEE 802.11be(20)	59	92	58
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(40)	58	95	57
IEEE 802.11ax(40)	52	90	53
IEEE 802.11be(40)	55	90	55

Beamforming

Test Software Version	accessMTool_REL_3_3_0_2		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	72	79	72
IEEE 802.11g	56	82	55
IEEE 802.11n(20)	55	83	55
IEEE 802.11ax(20)	51	82	49
IEEE 802.11be(20)	49	82	48
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(40)	49	85	47
IEEE 802.11ax(40)	42	79	43
IEEE 802.11be(40)	45	80	46

3.5.5 The Result

No beamforming

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.85	≤30.00	PASS
11B	Ant2	2412	17.31	≤30.00	PASS
11B	Ant1	2437	17.86	≤30.00	PASS
11B	Ant2	2437	17.46	≤30.00	PASS
11B	Ant1	2462	17.64	≤30.00	PASS
11B	Ant2	2462	17.15	≤30.00	PASS
11G	Ant1	2412	20.10	≤30.00	PASS
11G	Ant2	2412	20.16	≤30.00	PASS
11G	Ant1	2437	23.26	≤30.00	PASS
11G	Ant2	2437	23.98	≤30.00	PASS
11G	Ant1	2462	19.61	≤30.00	PASS
11G	Ant2	2462	19.50	≤30.00	PASS
11N20MIMO	Ant1	2412	17.25	≤30.00	PASS
11N20MIMO	Ant2	2412	16.57	≤30.00	PASS
11N20MIMO	total	2412	19.93	≤30.00	PASS
11N20MIMO	Ant1	2437	23.06	≤30.00	PASS
11N20MIMO	Ant2	2437	23.70	≤30.00	PASS
11N20MIMO	total	2437	26.40	≤30.00	PASS
11N20MIMO	Ant1	2462	16.80	≤30.00	PASS
11N20MIMO	Ant2	2462	16.23	≤30.00	PASS
11N20MIMO	total	2462	19.53	≤30.00	PASS
11N40MIMO	Ant1	2422	14.95	≤30.00	PASS
11N40MIMO	Ant2	2422	14.17	≤30.00	PASS
11N40MIMO	total	2422	17.59	≤30.00	PASS
11N40MIMO	Ant1	2437	22.63	≤30.00	PASS
11N40MIMO	Ant2	2437	22.94	≤30.00	PASS
11N40MIMO	total	2437	25.80	≤30.00	PASS
11N40MIMO	Ant1	2452	15.45	≤30.00	PASS
11N40MIMO	Ant2	2452	14.76	≤30.00	PASS
11N40MIMO	total	2452	18.13	≤30.00	PASS
11AX20MIMO	Ant1	2412	14.86	≤30.00	PASS
11AX20MIMO	Ant2	2412	14.18	≤30.00	PASS
11AX20MIMO	total	2412	17.54	≤30.00	PASS
11AX20MIMO	Ant1	2437	20.30	≤30.00	PASS
11AX20MIMO	Ant2	2437	19.55	≤30.00	PASS
11AX20MIMO	total	2437	22.95	≤30.00	PASS
11AX20MIMO	Ant1	2462	14.73	≤30.00	PASS

11AX20MIMO	Ant2	2462	14.40	≤30.00	PASS
11AX20MIMO	total	2462	17.58	≤30.00	PASS
11AX40MIMO	Ant1	2422	14.23	≤30.00	PASS
11AX40MIMO	Ant2	2422	13.40	≤30.00	PASS
11AX40MIMO	total	2422	16.85	≤30.00	PASS
11AX40MIMO	Ant1	2437	21.16	≤30.00	PASS
11AX40MIMO	Ant2	2437	20.97	≤30.00	PASS
11AX40MIMO	total	2437	24.08	≤30.00	PASS
11AX40MIMO	Ant1	2452	14.50	≤30.00	PASS
11AX40MIMO	Ant2	2452	13.87	≤30.00	PASS
11AX40MIMO	total	2452	17.21	≤30.00	PASS
11BE20MIMO	Ant1	2412	15.25	≤30.00	PASS
11BE20MIMO	Ant2	2412	14.56	≤30.00	PASS
11BE20MIMO	total	2412	17.93	≤30.00	PASS
11BE20MIMO	Ant1	2437	20.26	≤30.00	PASS
11BE20MIMO	Ant2	2437	19.43	≤30.00	PASS
11BE20MIMO	total	2437	22.88	≤30.00	PASS
11BE20MIMO	Ant1	2462	15.06	≤30.00	PASS
11BE20MIMO	Ant2	2462	14.71	≤30.00	PASS
11BE20MIMO	total	2462	17.90	≤30.00	PASS
11BE40MIMO	Ant1	2422	14.46	≤30.00	PASS
11BE40MIMO	Ant2	2422	13.58	≤30.00	PASS
11BE40MIMO	total	2422	17.05	≤30.00	PASS
11BE40MIMO	Ant1	2437	21.05	≤30.00	PASS
11BE40MIMO	Ant2	2437	20.85	≤30.00	PASS
11BE40MIMO	total	2437	23.96	≤30.00	PASS
11BE40MIMO	Ant1	2452	14.25	≤30.00	PASS
11BE40MIMO	Ant2	2452	13.53	≤30.00	PASS
11BE40MIMO	total	2452	16.92	≤30.00	PASS

Note: The duty cycle factor is compensated in the average conducted output power.

Beamforming

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.87	≤30.00	PASS
11B	Ant2	2412	14.48	≤30.00	PASS
11B	Ant1	2437	14.95	≤30.00	PASS
11B	Ant2	2437	14.57	≤30.00	PASS
11B	Ant1	2462	14.66	≤30.00	PASS
11B	Ant2	2462	14.23	≤30.00	PASS
11G	Ant1	2412	17.13	≤30.00	PASS
11G	Ant2	2412	17.31	≤30.00	PASS
11G	Ant1	2437	20.36	≤30.00	PASS
11G	Ant2	2437	20.99	≤30.00	PASS
11G	Ant1	2462	16.62	≤30.00	PASS
11G	Ant2	2462	16.59	≤30.00	PASS
11N20MIMO	Ant1	2412	14.35	≤30.00	PASS
11N20MIMO	Ant2	2412	13.62	≤30.00	PASS
11N20MIMO	total	2412	17.01	≤30.00	PASS
11N20MIMO	Ant1	2437	20.27	≤30.00	PASS
11N20MIMO	Ant2	2437	20.88	≤30.00	PASS
11N20MIMO	total	2437	23.60	≤30.00	PASS
11N20MIMO	Ant1	2462	13.77	≤30.00	PASS
11N20MIMO	Ant2	2462	13.25	≤30.00	PASS
11N20MIMO	total	2462	16.53	≤30.00	PASS
11N40MIMO	Ant1	2422	12.09	≤30.00	PASS
11N40MIMO	Ant2	2422	11.27	≤30.00	PASS
11N40MIMO	total	2422	14.71	≤30.00	PASS
11N40MIMO	Ant1	2437	19.67	≤30.00	PASS
11N40MIMO	Ant2	2437	19.99	≤30.00	PASS
11N40MIMO	total	2437	22.84	≤30.00	PASS
11N40MIMO	Ant1	2452	12.62	≤30.00	PASS
11N40MIMO	Ant2	2452	11.82	≤30.00	PASS
11N40MIMO	total	2452	15.25	≤30.00	PASS
11AX20MIMO	Ant1	2412	12.03	≤30.00	PASS
11AX20MIMO	Ant2	2412	11.31	≤30.00	PASS
11AX20MIMO	total	2412	14.70	≤30.00	PASS
11AX20MIMO	Ant1	2437	17.26	≤30.00	PASS
11AX20MIMO	Ant2	2437	16.66	≤30.00	PASS
11AX20MIMO	total	2437	19.98	≤30.00	PASS
11AX20MIMO	Ant1	2462	11.94	≤30.00	PASS
11AX20MIMO	Ant2	2462	11.44	≤30.00	PASS

11AX20MIMO	total	2462	14.71	≤30.00	PASS
11AX40MIMO	Ant1	2422	11.38	≤30.00	PASS
11AX40MIMO	Ant2	2422	10.43	≤30.00	PASS
11AX40MIMO	total	2422	13.94	≤30.00	PASS
11AX40MIMO	Ant1	2437	18.27	≤30.00	PASS
11AX40MIMO	Ant2	2437	17.97	≤30.00	PASS
11AX40MIMO	total	2437	21.13	≤30.00	PASS
11AX40MIMO	Ant1	2452	11.50	≤30.00	PASS
11AX40MIMO	Ant2	2452	10.96	≤30.00	PASS
11AX40MIMO	total	2452	14.25	≤30.00	PASS
11BE20MIMO	Ant1	2412	12.39	≤30.00	PASS
11BE20MIMO	Ant2	2412	11.52	≤30.00	PASS
11BE20MIMO	total	2412	14.99	≤30.00	PASS
11BE20MIMO	Ant1	2437	17.37	≤30.00	PASS
11BE20MIMO	Ant2	2437	16.46	≤30.00	PASS
11BE20MIMO	total	2437	19.95	≤30.00	PASS
11BE20MIMO	Ant1	2462	12.21	≤30.00	PASS
11BE20MIMO	Ant2	2462	11.83	≤30.00	PASS
11BE20MIMO	total	2462	15.03	≤30.00	PASS
11BE40MIMO	Ant1	2422	11.66	≤30.00	PASS
11BE40MIMO	Ant2	2422	10.70	≤30.00	PASS
11BE40MIMO	total	2422	14.22	≤30.00	PASS
11BE40MIMO	Ant1	2437	18.09	≤30.00	PASS
11BE40MIMO	Ant2	2437	18.02	≤30.00	PASS
11BE40MIMO	total	2437	21.07	≤30.00	PASS
11BE40MIMO	Ant1	2452	11.25	≤30.00	PASS
11BE40MIMO	Ant2	2452	10.54	≤30.00	PASS
11BE40MIMO	total	2452	13.92	≤30.00	PASS

Note: The duty cycle factor is compensated in the average conducted output power.

3.6 Power Spectral Density

3.6.1 Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmitting.

3.6.2 Test Procedure

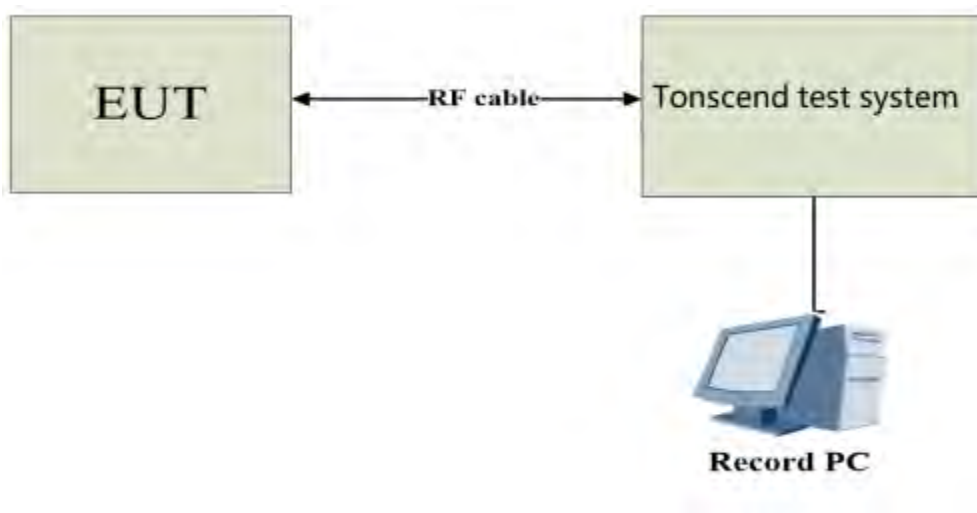
Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) Spectrum analyser settings as following:

Spectrum Parameters	Setting
Span Frequency	2 times the OBW bandwidth
RBW	3 kHz
VBW	10 kHz
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

3.6.3 Test Setup



3.6.4 The Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.57	≤8.00	PASS
11B	Ant2	2412	-12.27	≤8.00	PASS
11B	Ant1	2437	-11.80	≤8.00	PASS
11B	Ant2	2437	-11.99	≤8.00	PASS
11B	Ant1	2462	-11.99	≤8.00	PASS
11B	Ant2	2462	-12.60	≤8.00	PASS
11G	Ant1	2412	-13.77	≤8.00	PASS
11G	Ant2	2412	-13.68	≤8.00	PASS
11G	Ant2	2437	-9.93	≤8.00	PASS
11G	Ant1	2437	-10.41	≤8.00	PASS
11G	Ant1	2462	-14.13	≤8.00	PASS
11G	Ant2	2462	-14.20	≤8.00	PASS
11N20MIMO	Ant1	2412	-17.08	≤8.00	PASS
11N20MIMO	Ant2	2412	-17.61	≤8.00	PASS
11N20MIMO	total	2412	-14.33	≤8.00	PASS
11N20MIMO	Ant1	2437	-11.03	≤8.00	PASS
11N20MIMO	Ant2	2437	-9.77	≤8.00	PASS
11N20MIMO	total	2437	-7.34	≤8.00	PASS
11N20MIMO	Ant1	2462	-17.29	≤8.00	PASS
11N20MIMO	Ant2	2462	-18.02	≤8.00	PASS
11N20MIMO	total	2462	-14.63	≤8.00	PASS
11N40MIMO	Ant1	2422	-20.60	≤8.00	PASS
11N40MIMO	Ant2	2422	-21.77	≤8.00	PASS
11N40MIMO	total	2422	-18.14	≤8.00	PASS
11N40MIMO	Ant1	2437	-12.62	≤8.00	PASS
11N40MIMO	Ant2	2437	-13.03	≤8.00	PASS
11N40MIMO	total	2437	-9.81	≤8.00	PASS
11N40MIMO	Ant1	2452	-20.66	≤8.00	PASS
11N40MIMO	Ant2	2452	-21.29	≤8.00	PASS
11N40MIMO	total	2452	-17.95	≤8.00	PASS
11AX20MIMO	Ant1	2412	-19.04	≤8.00	PASS
11AX20MIMO	Ant2	2412	-19.52	≤8.00	PASS
11AX20MIMO	total	2412	-16.26	≤8.00	PASS
11AX20MIMO	Ant1	2437	-13.54	≤8.00	PASS
11AX20MIMO	Ant2	2437	-14.02	≤8.00	PASS
11AX20MIMO	total	2437	-10.76	≤8.00	PASS
11AX20MIMO	Ant1	2462	-19.13	≤8.00	PASS
11AX20MIMO	Ant2	2462	-19.47	≤8.00	PASS
11AX20MIMO	total	2462	-16.29	≤8.00	PASS
11AX40MIMO	Ant1	2422	-20.60	≤8.00	PASS

11AX40MIMO	Ant2	2422	-22.24	≤8.00	PASS
11AX40MIMO	total	2422	-18.33	≤8.00	PASS
11AX40MIMO	Ant1	2437	-13.97	≤8.00	PASS
11AX40MIMO	Ant2	2437	-14.37	≤8.00	PASS
11AX40MIMO	total	2437	-11.16	≤8.00	PASS
11AX40MIMO	Ant1	2452	-20.81	≤8.00	PASS
11AX40MIMO	Ant2	2452	-21.13	≤8.00	PASS
11AX40MIMO	total	2452	-17.96	≤8.00	PASS
11BE20MIMO	Ant1	2412	-18.87	≤8.00	PASS
11BE20MIMO	Ant2	2412	-19.70	≤8.00	PASS
11BE20MIMO	total	2412	-16.25	≤8.00	PASS
11BE20MIMO	Ant1	2437	-13.54	≤8.00	PASS
11BE20MIMO	Ant2	2437	-15.25	≤8.00	PASS
11BE20MIMO	total	2437	-11.30	≤8.00	PASS
11BE20MIMO	Ant1	2462	-18.56	≤8.00	PASS
11BE20MIMO	Ant2	2462	-19.25	≤8.00	PASS
11BE20MIMO	total	2462	-15.88	≤8.00	PASS
11BE40MIMO	Ant1	2422	-21.45	≤8.00	PASS
11BE40MIMO	Ant2	2422	-21.50	≤8.00	PASS
11BE40MIMO	total	2422	-18.46	≤8.00	PASS
11BE40MIMO	Ant1	2437	-15.07	≤8.00	PASS
11BE40MIMO	Ant2	2437	-14.77	≤8.00	PASS
11BE40MIMO	total	2437	-11.91	≤8.00	PASS
11BE40MIMO	Ant1	2452	-21.73	≤8.00	PASS
11BE40MIMO	Ant2	2452	-22.21	≤8.00	PASS
11BE40MIMO	total	2452	-18.95	≤8.00	PASS

Note: The line loss are compensated in the test graph.

Beamforming conducted power less than no beamforming conducted power, so only no beamforming conducted power spectral density was recorded.

Test Graphs



11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2437-PASS



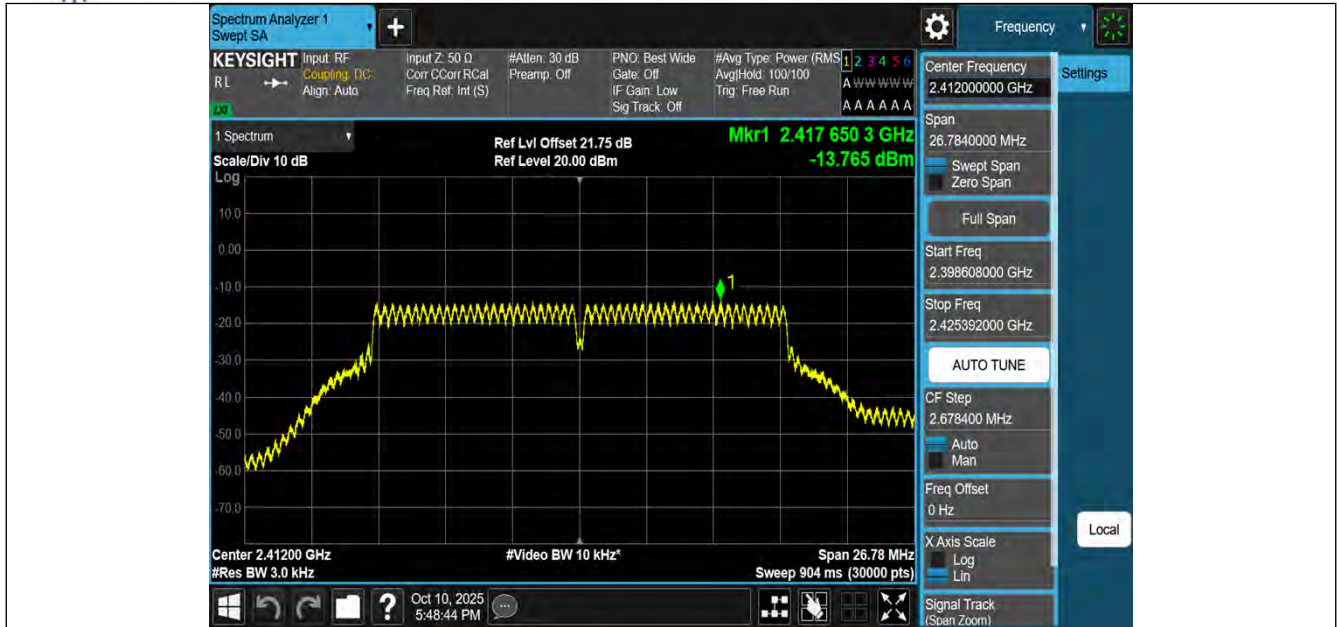
11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



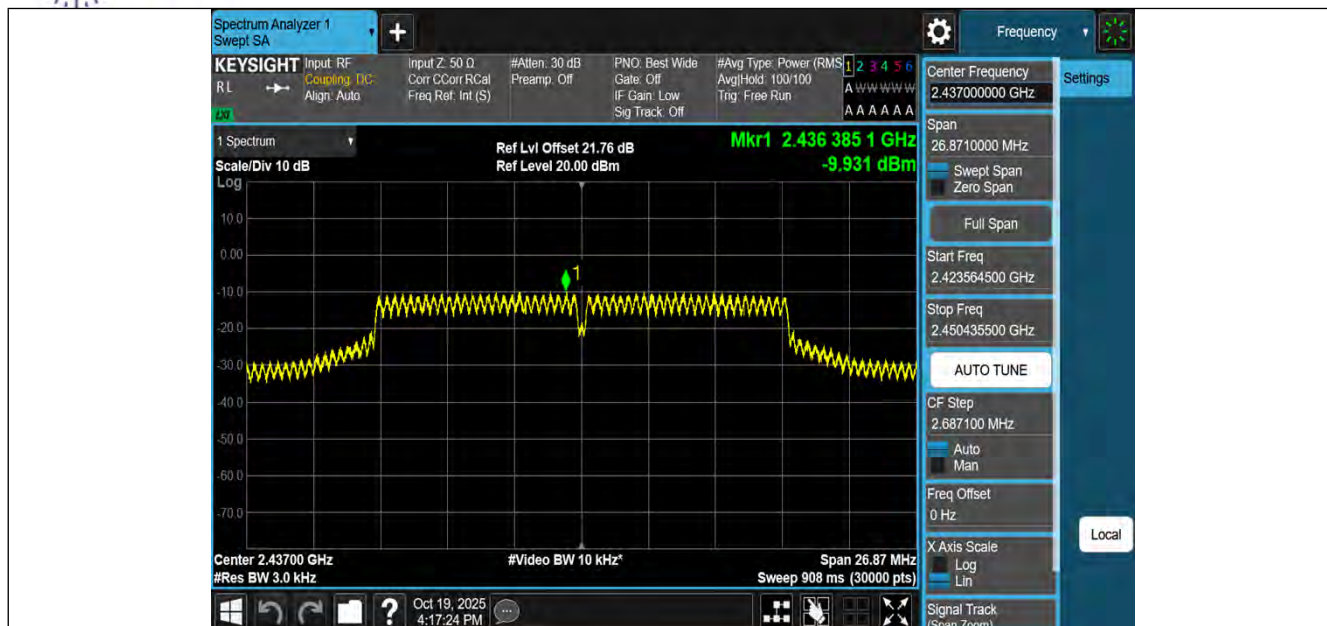
11B-Ant2-2462-PASS



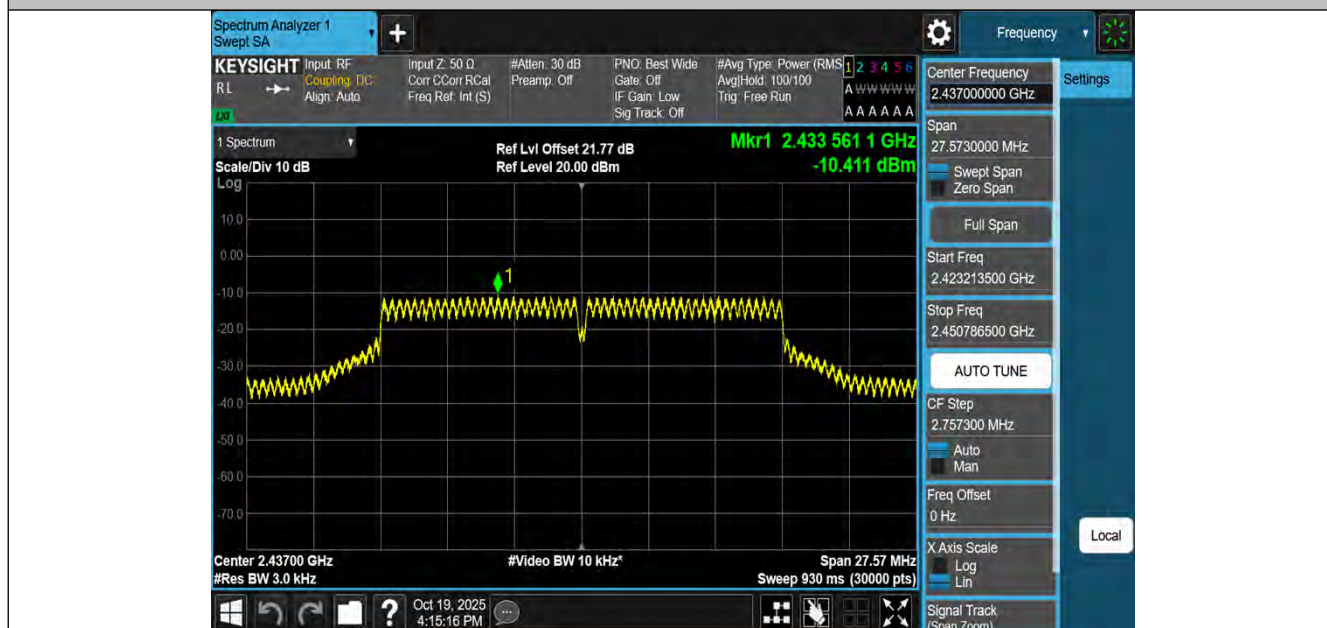
11G-Ant1-2412-PASS



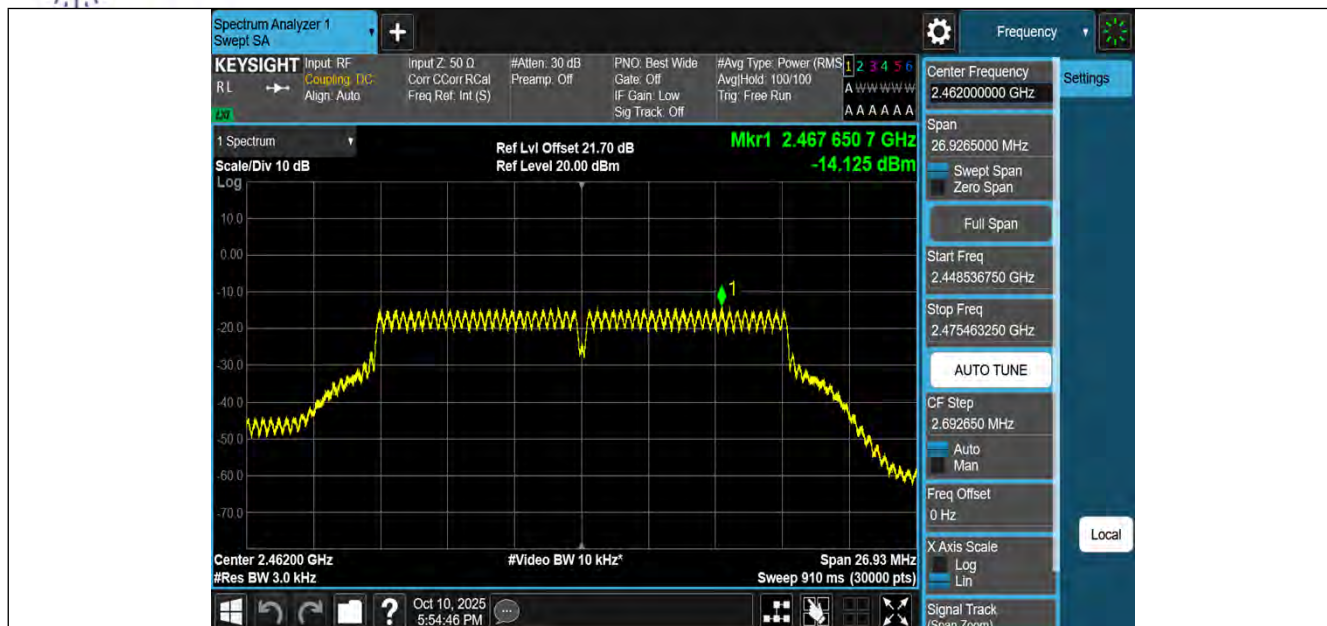
11G-Ant2-2412-PASS



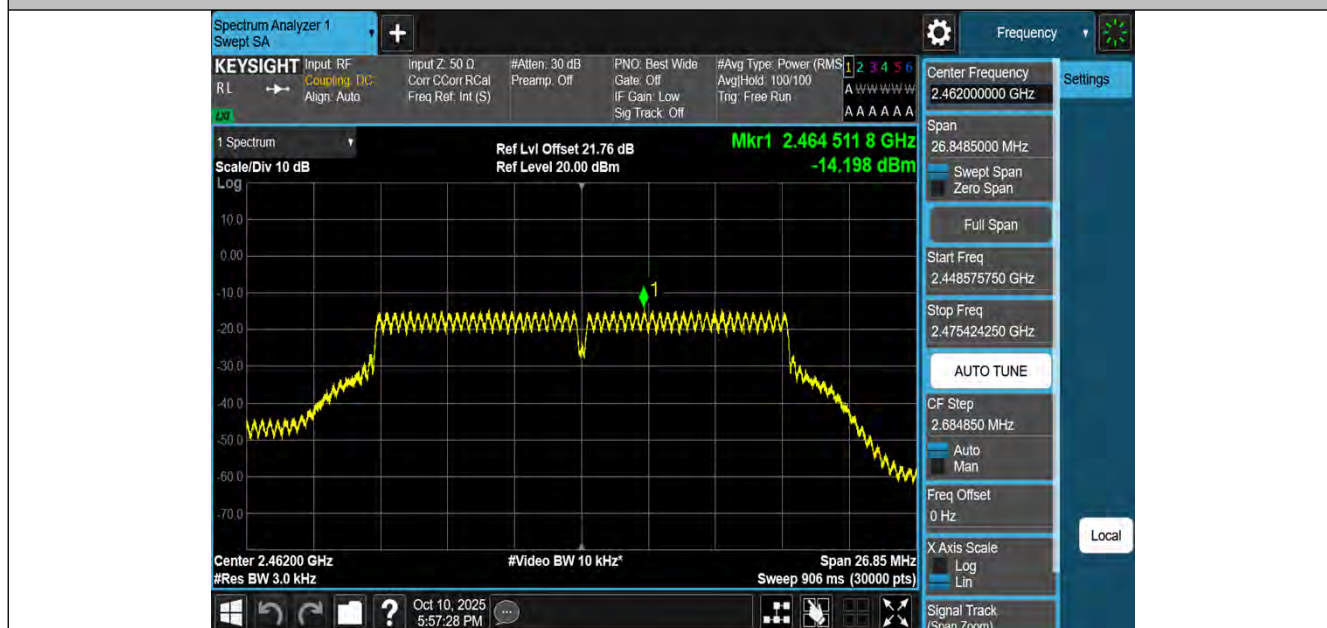
11G-Ant2-2437-PASS



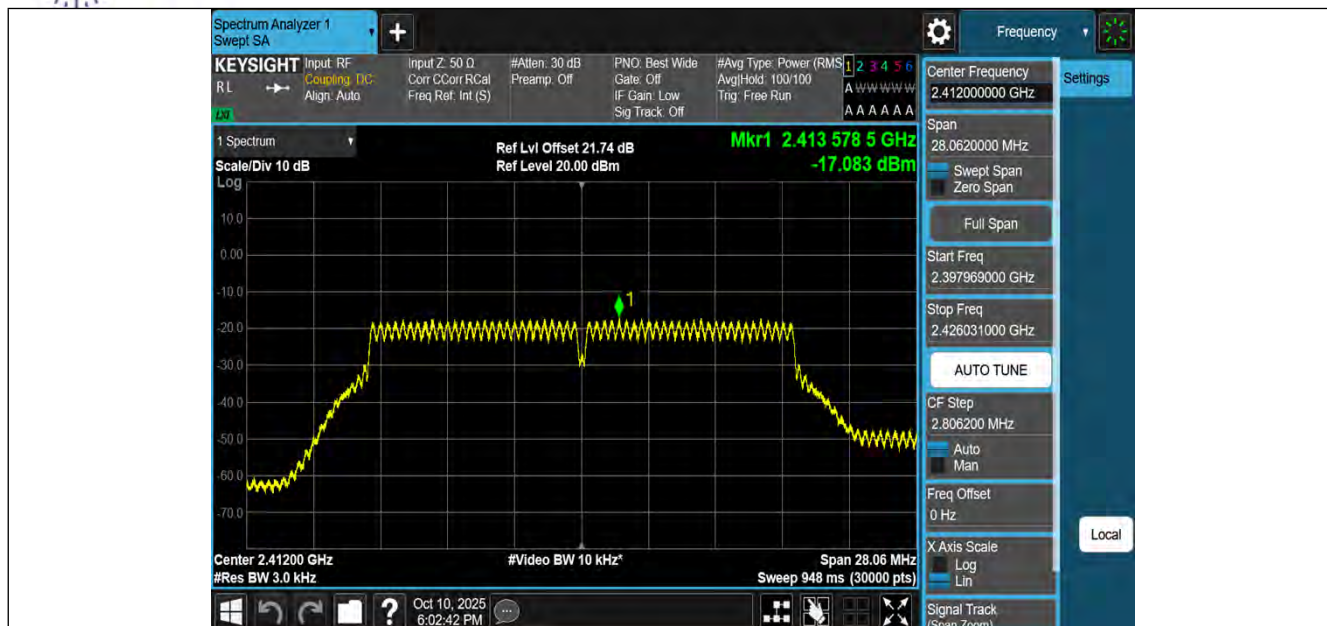
11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



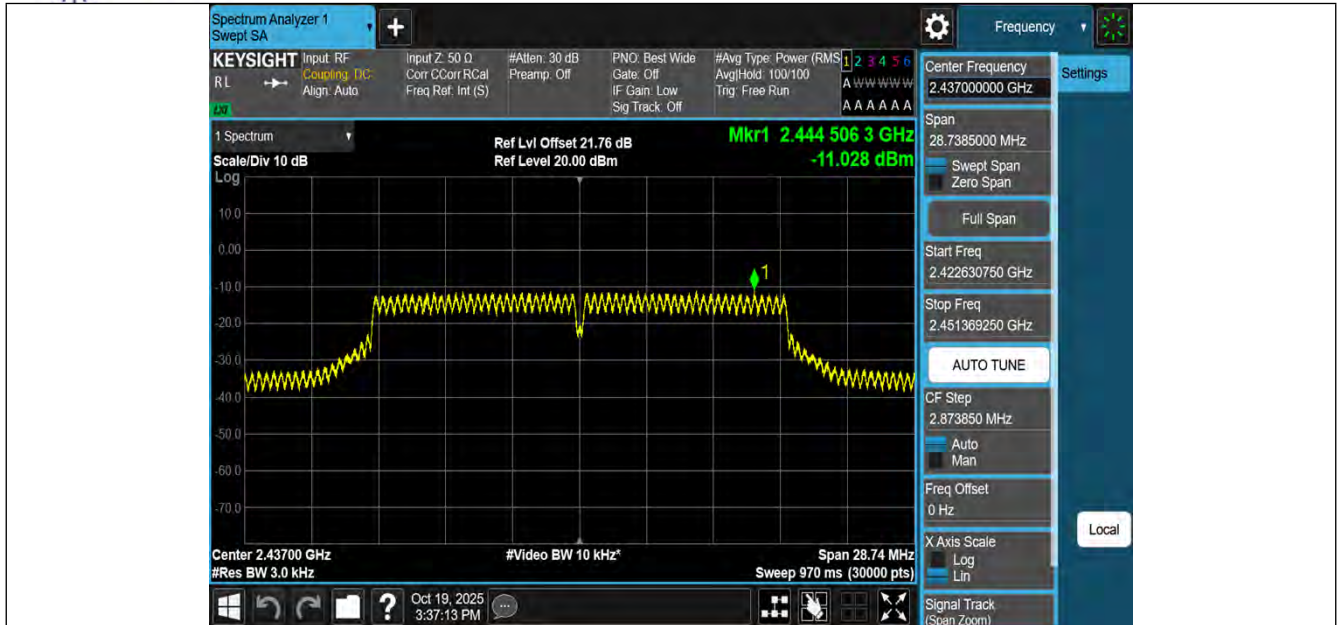
11G-Ant2-2462-PASS



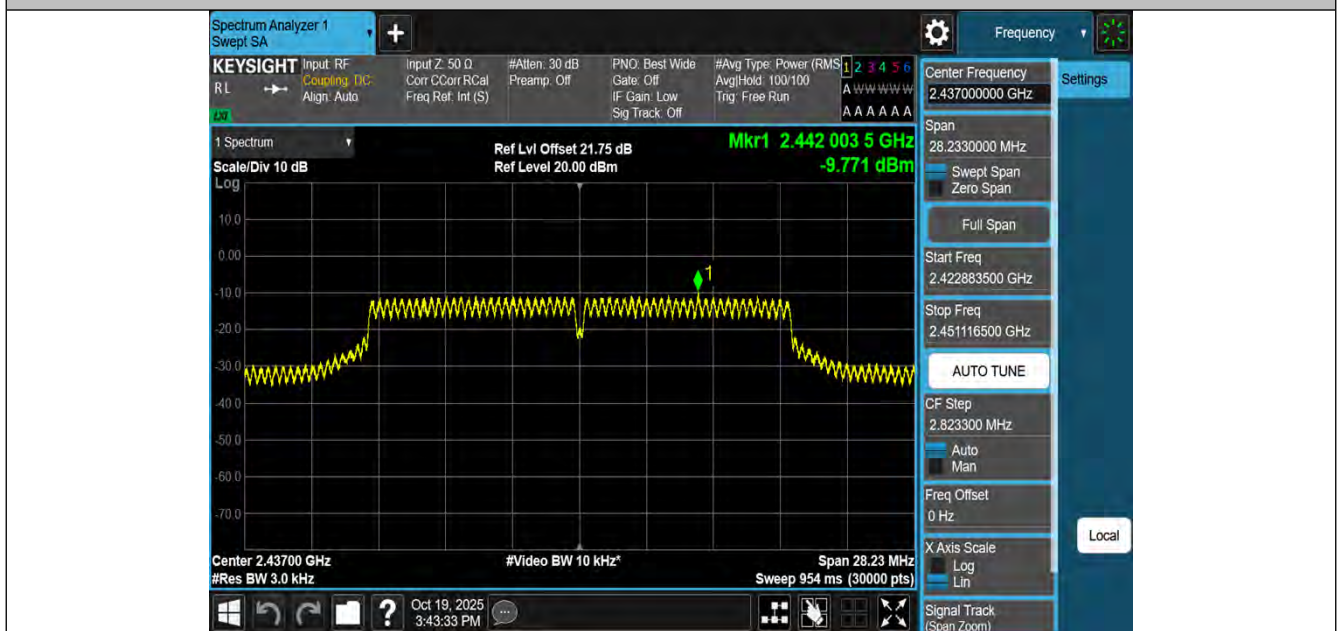
11N20MIMO-Ant1-2412-PASS



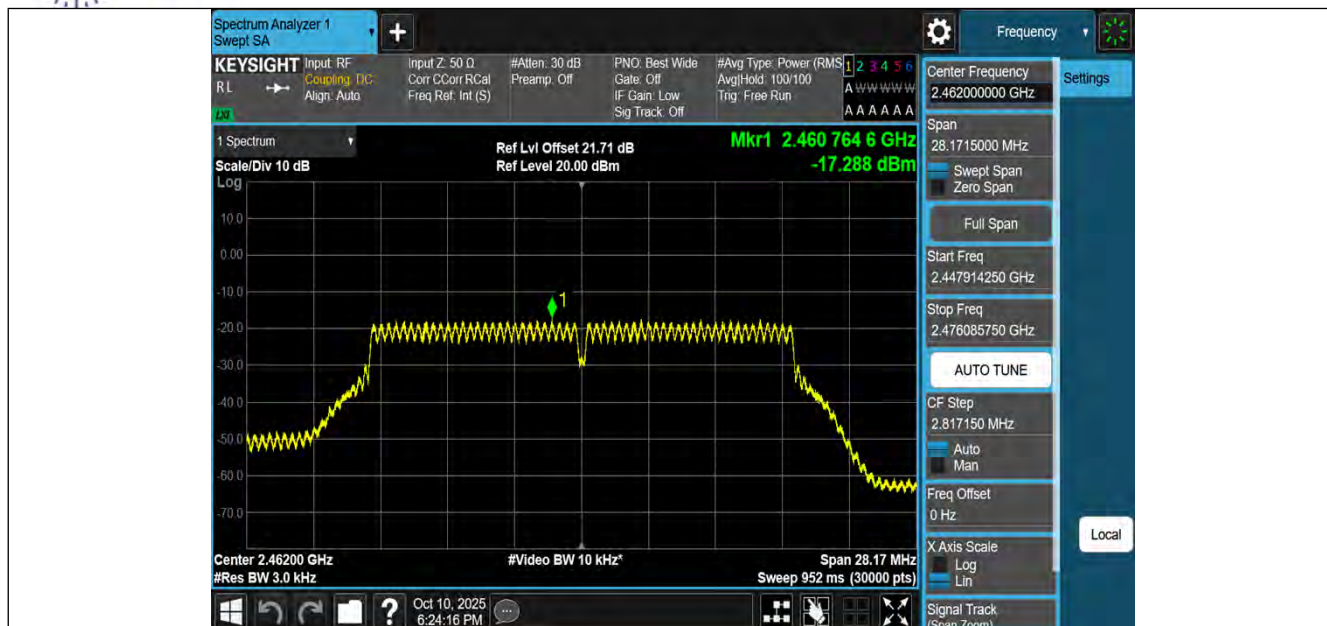
11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



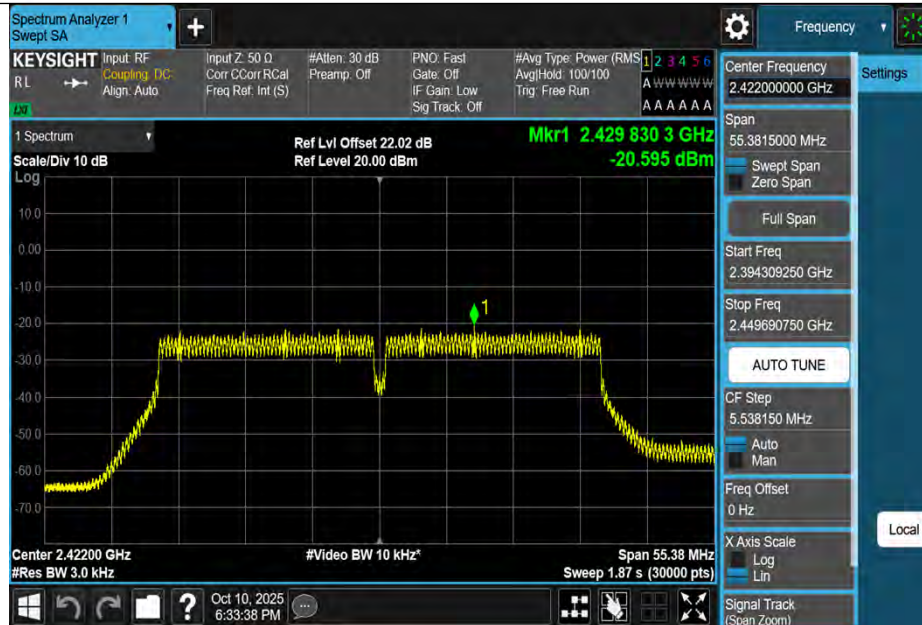
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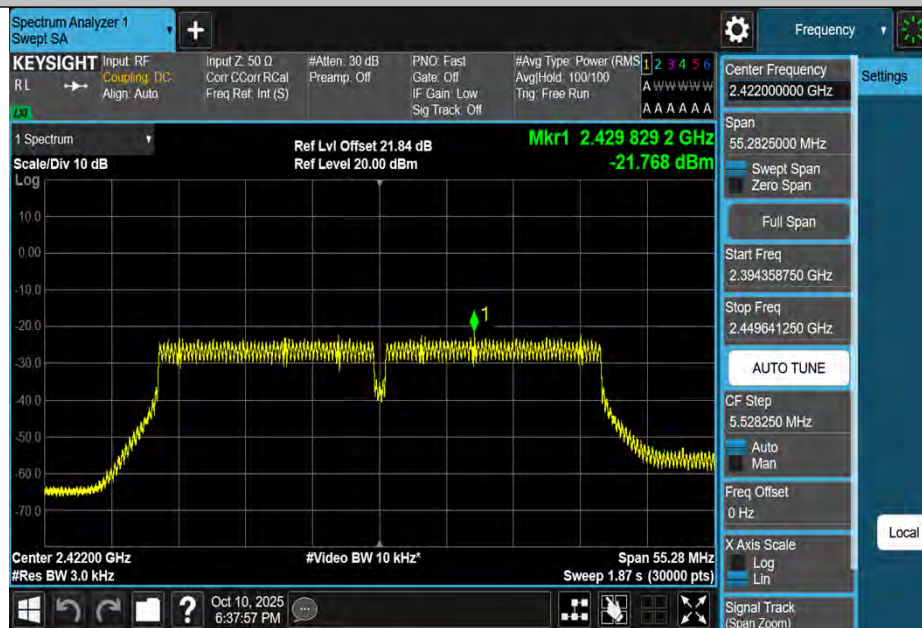
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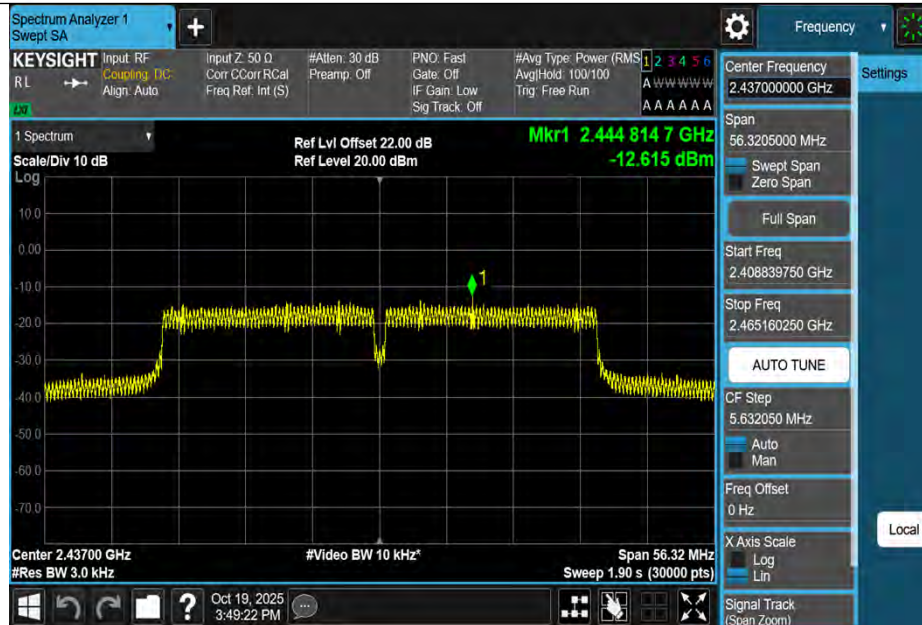
11N20MIMO-Ant2-2462-PASS



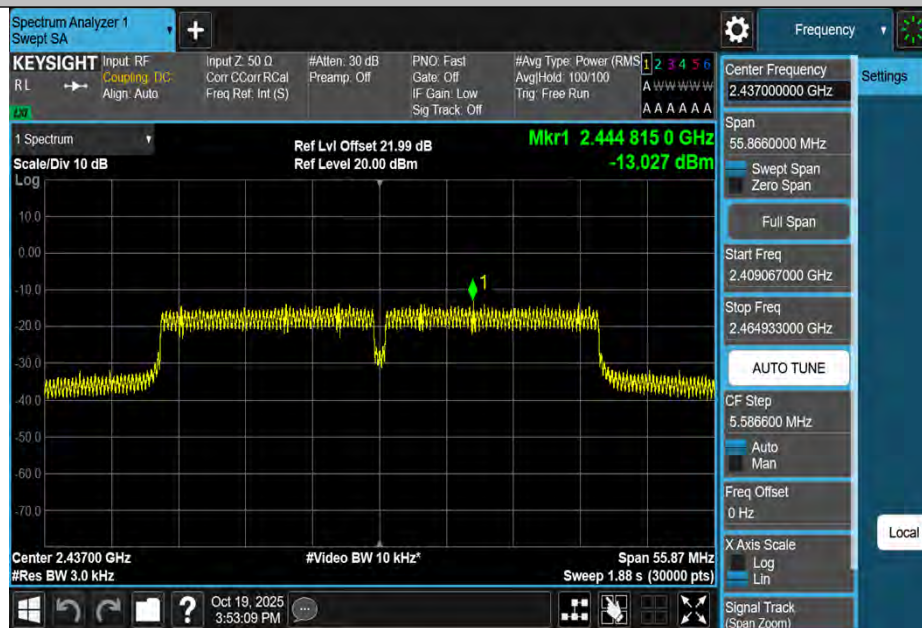
11N40MIMO-Ant1-2422-PASS



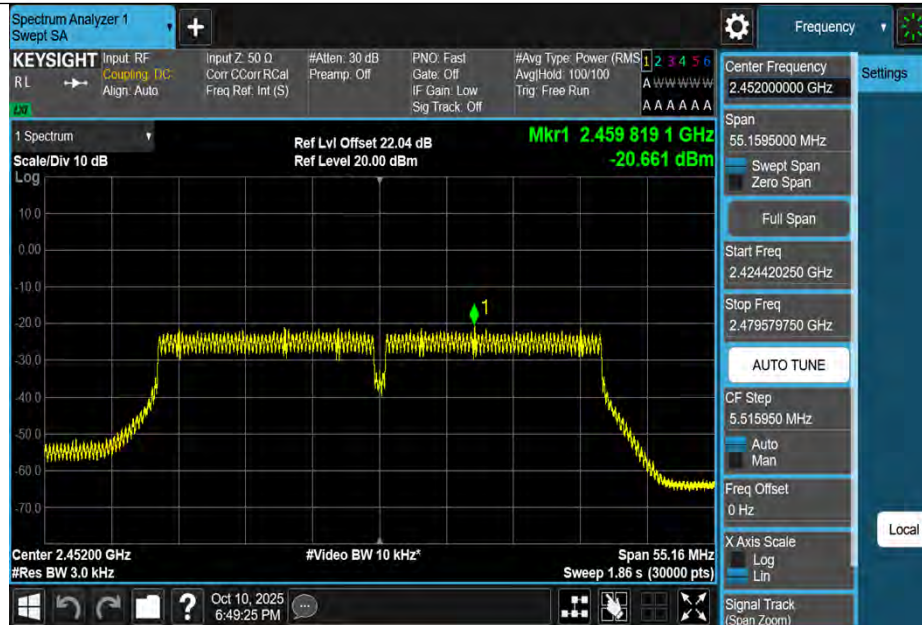
11N40MIMO-Ant2-2422-PASS



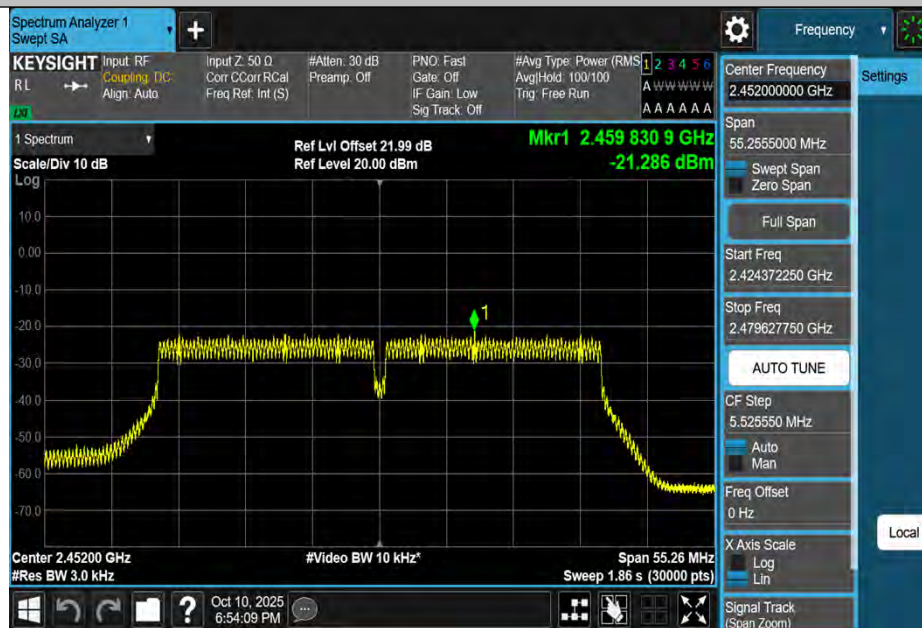
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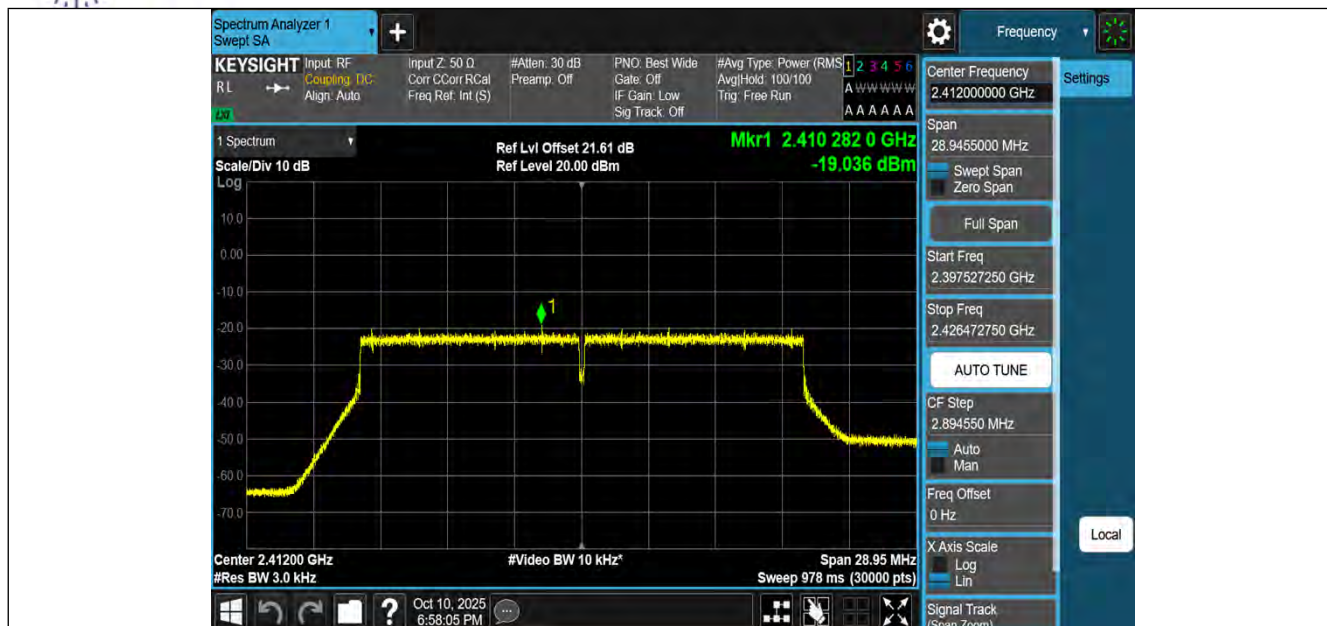
11N40MIMO-Ant2-2437-PASS



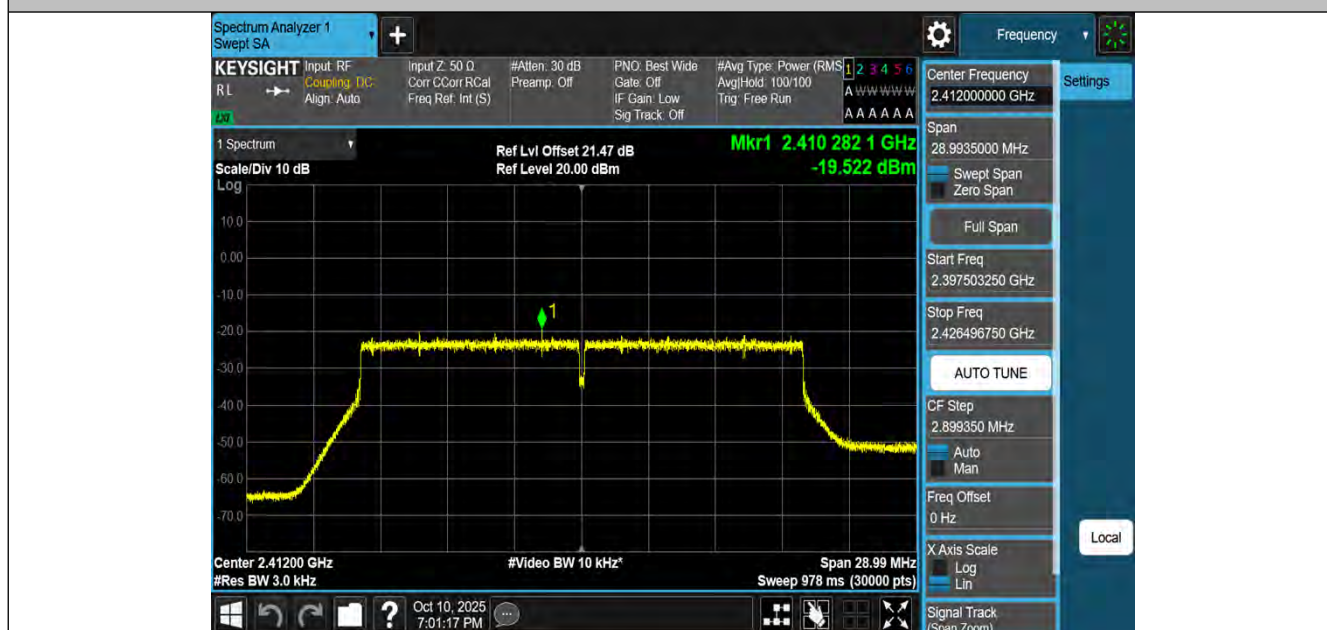
11N40MIMO-Ant1-2452-PASS



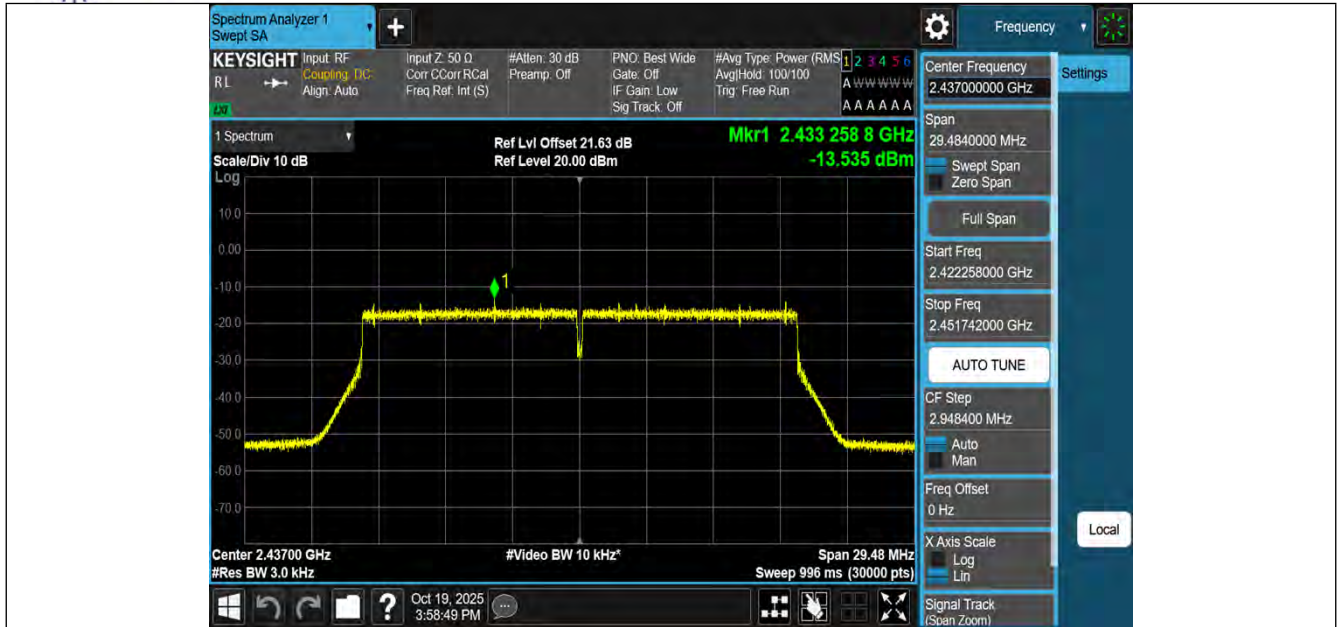
11N40MIMO-Ant2-2452-PASS



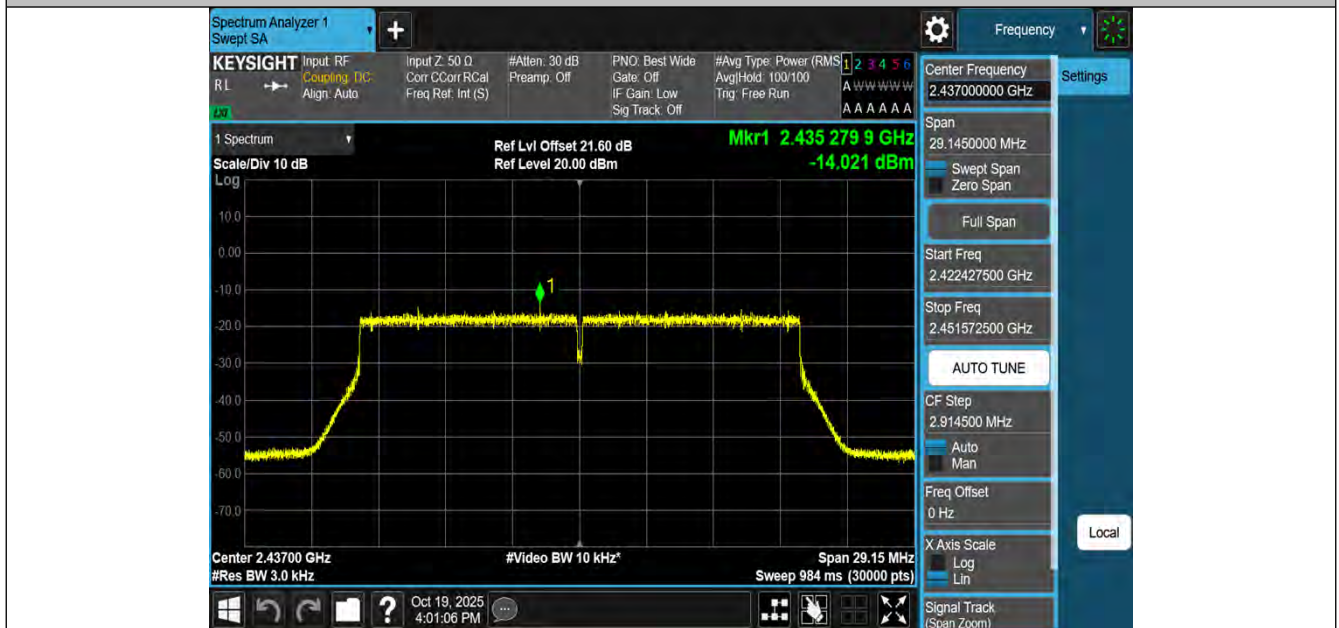
11AX20MIMO-Ant1-2412-PASS



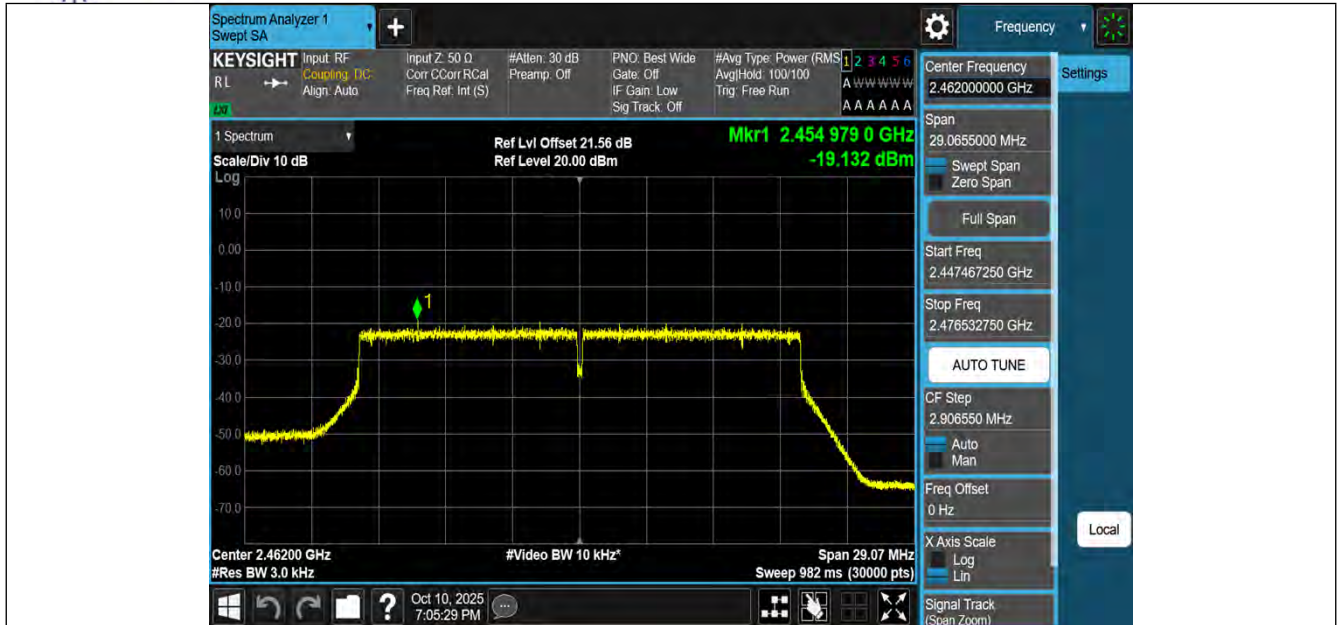
11AX20MIMO-Ant2-2412-PASS



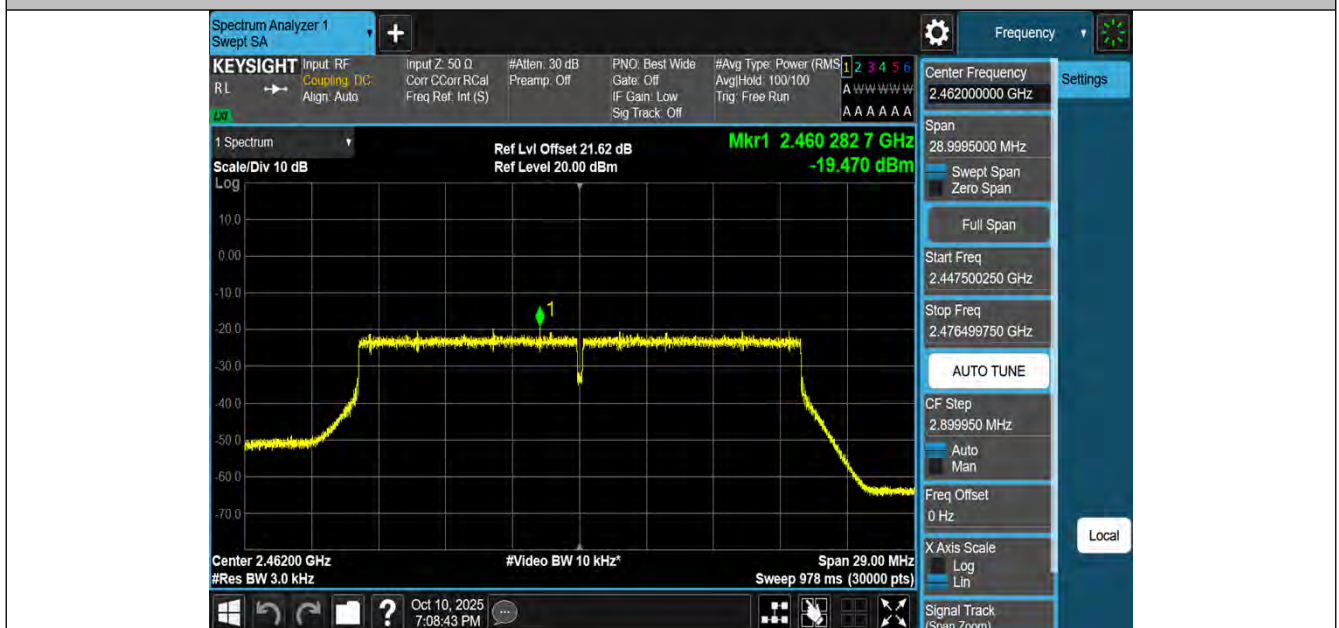
11AX20MIMO-Ant1-2437-PASS



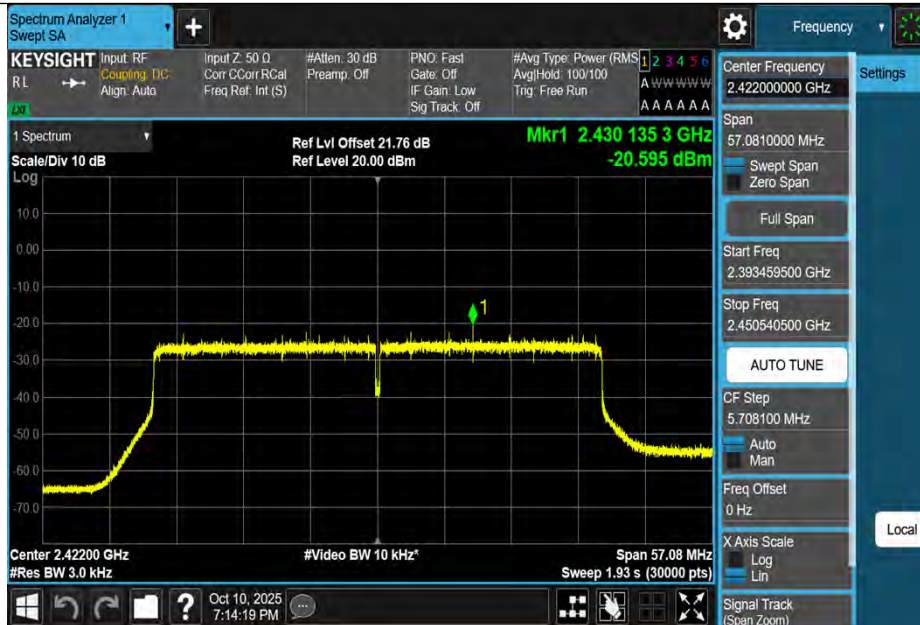
11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



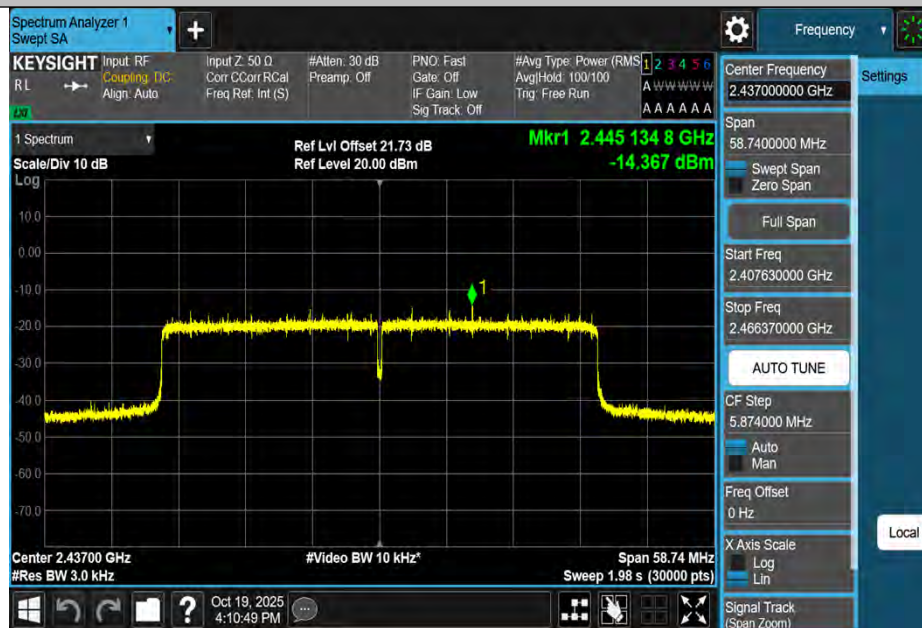
11AX40MIMO-Ant1-2422-PASS



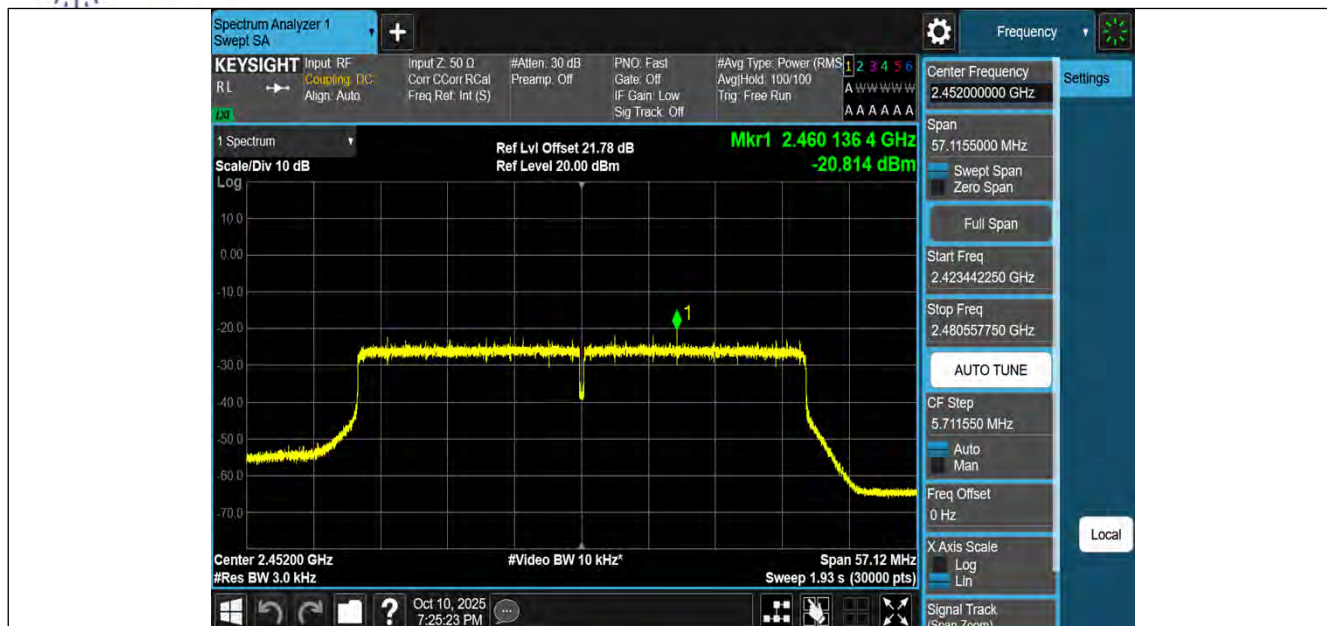
11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2437-PASS



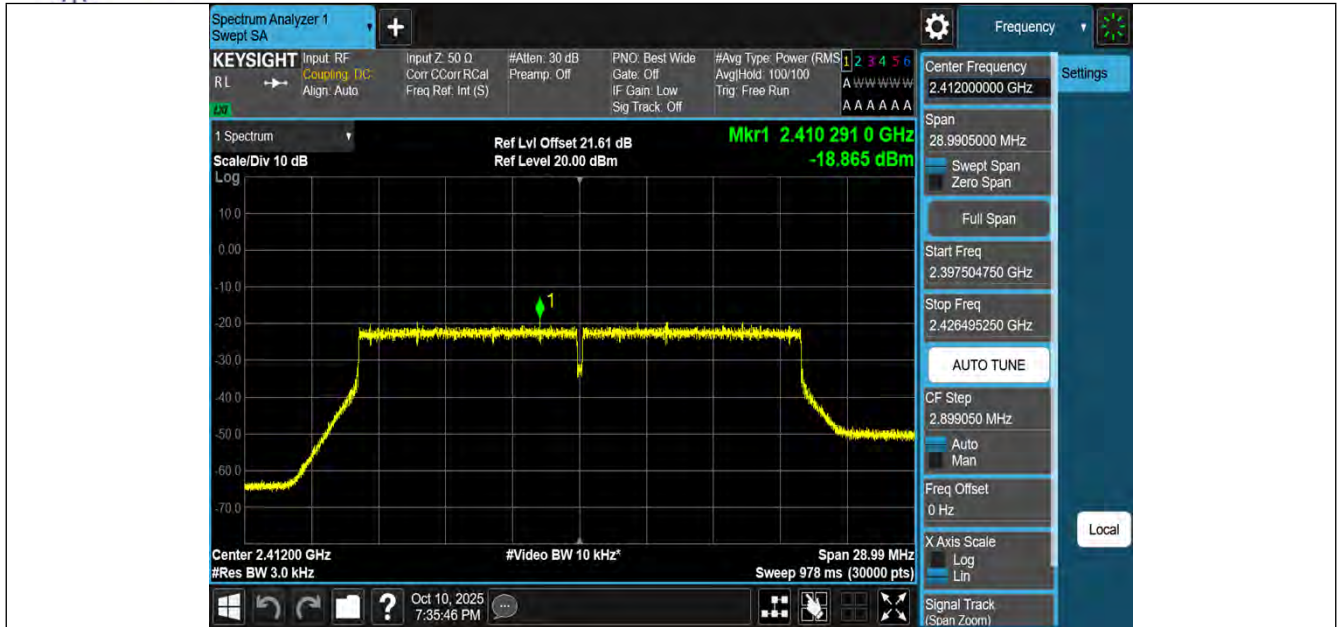
11AX40MIMO-Ant2-2437-PASS



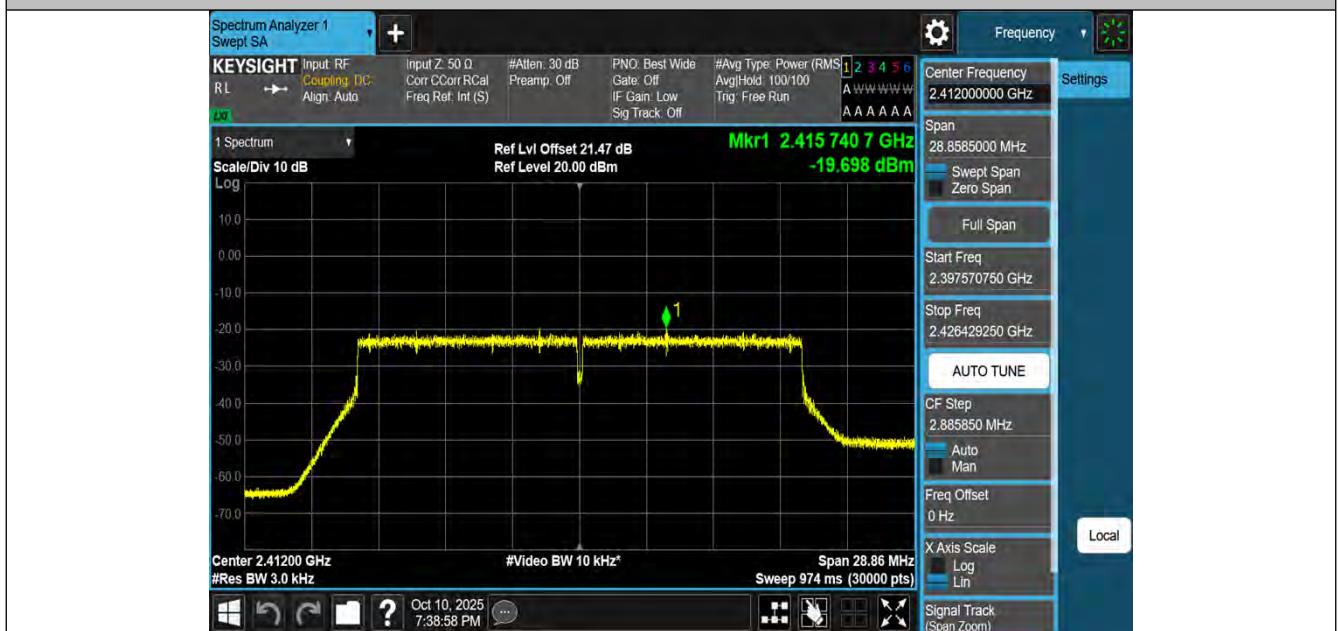
11AX40MIMO-Ant1-2452-PASS



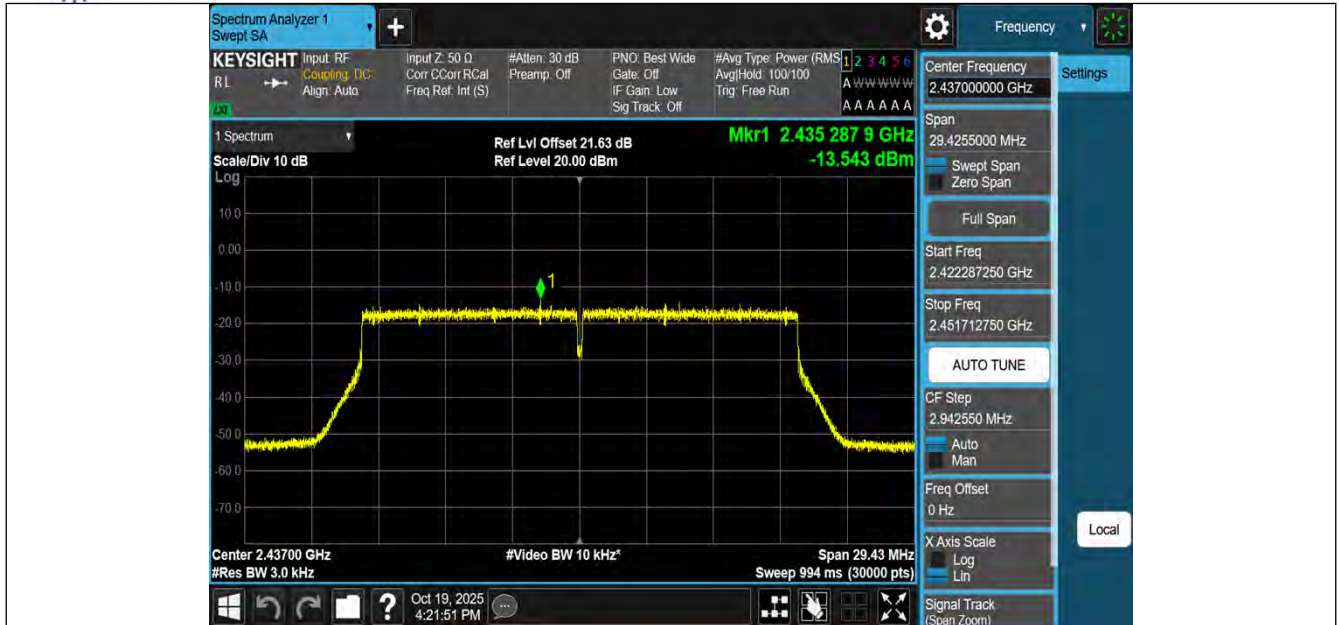
11AX40MIMO-Ant2-2452-PASS



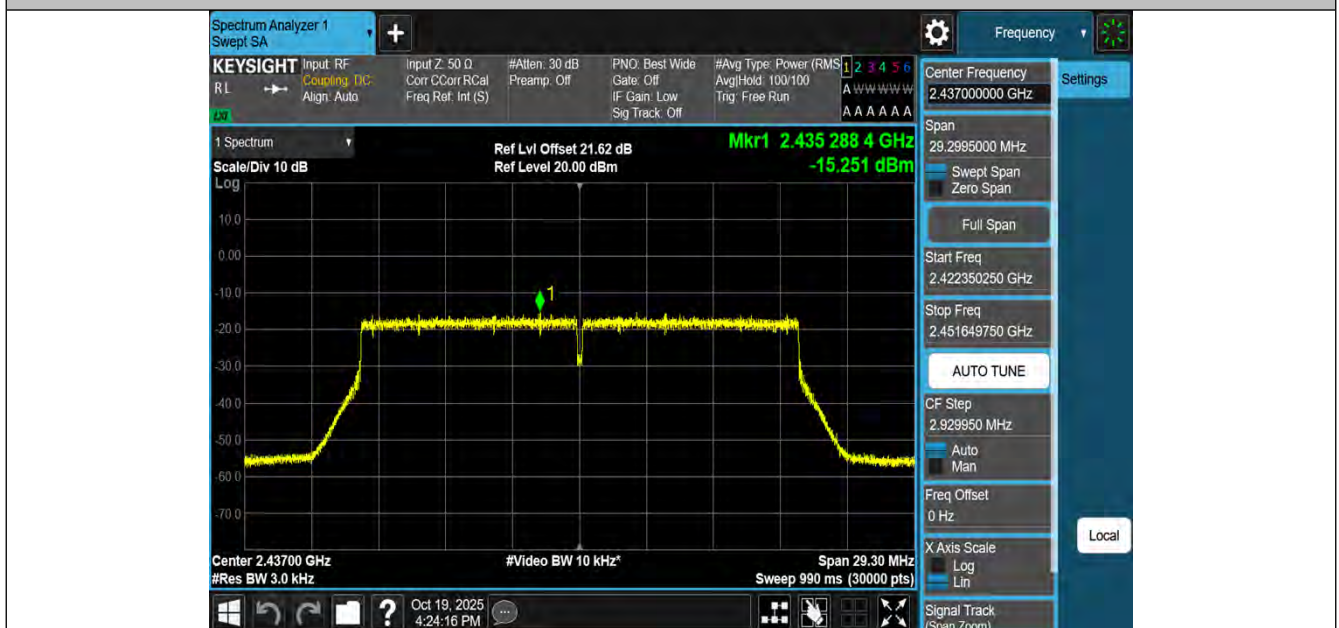
11BE20MIMO-Ant1-2412-PASS



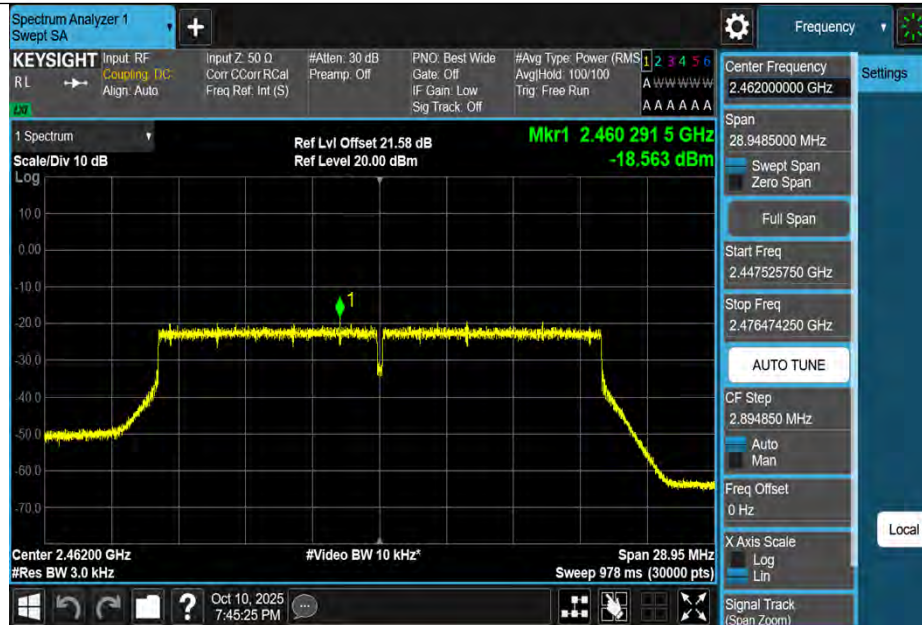
11BE20MIMO-Ant2-2412-PASS



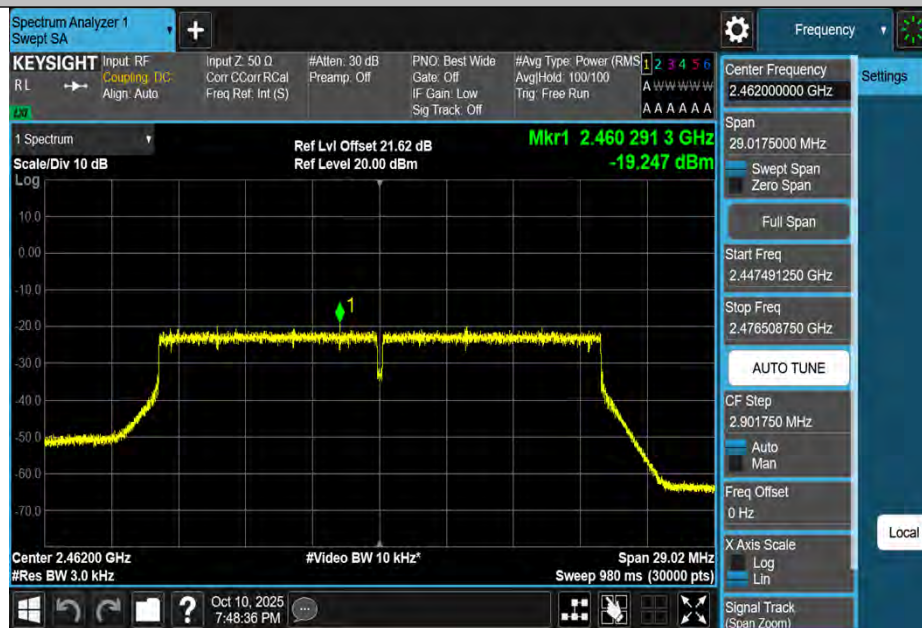
11BE20MIMO-Ant1-2437-PASS



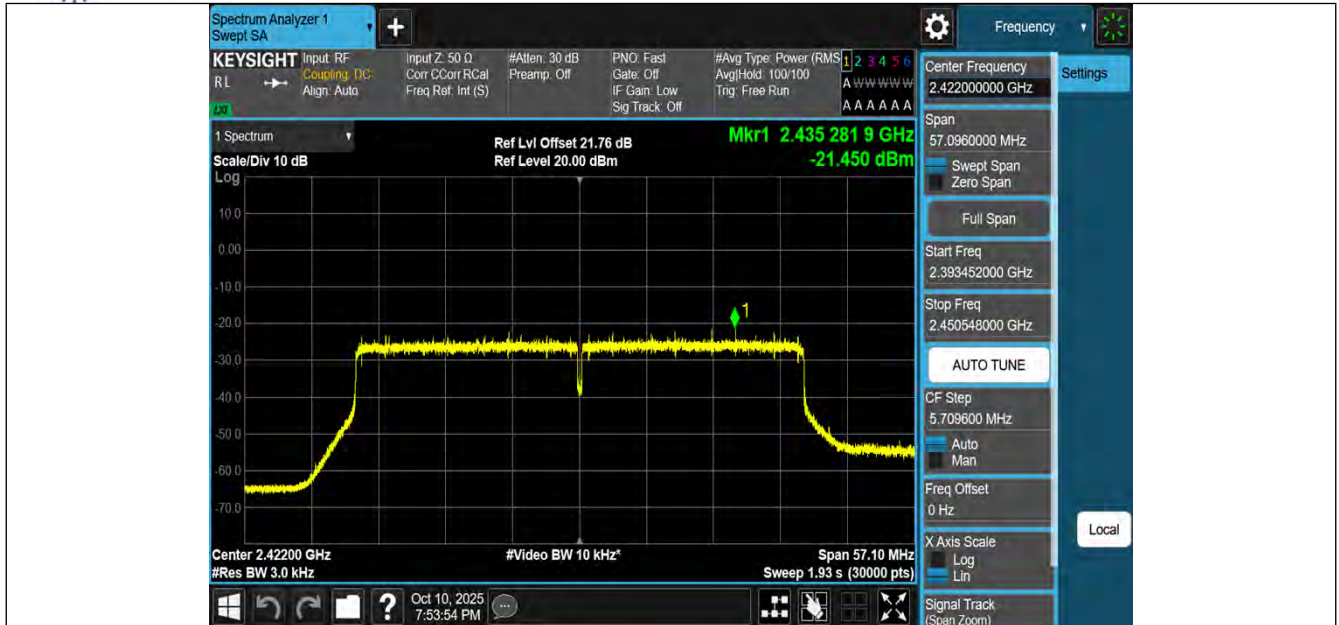
11BE20MIMO-Ant2-2437-PASS



11BE20MIMO-Ant1-2462-PASS



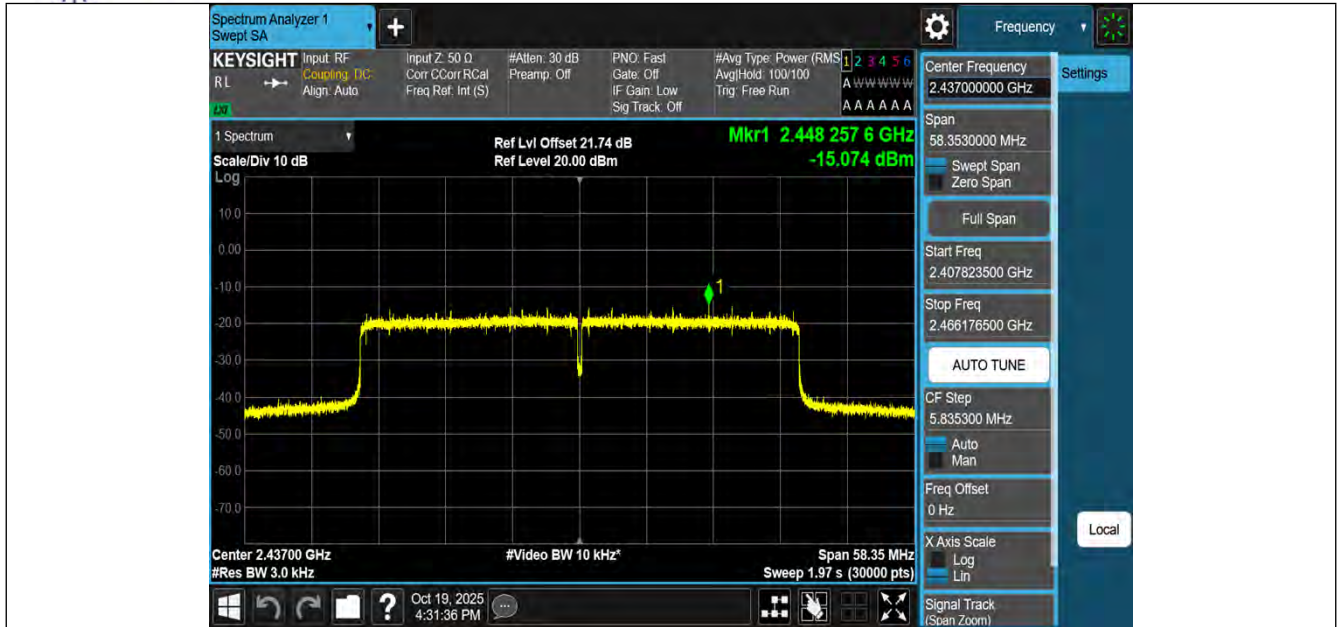
11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS



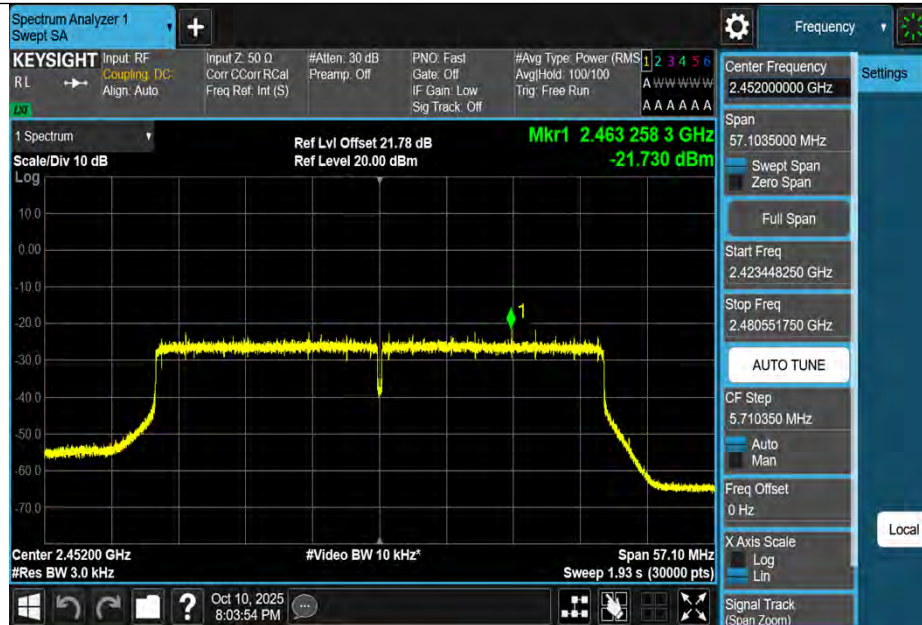
11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2437-PASS



11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technical Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technical Co., Ltd.

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Tel: 0755-26024411

Email: service@hy-lab.cn

End of Test Report