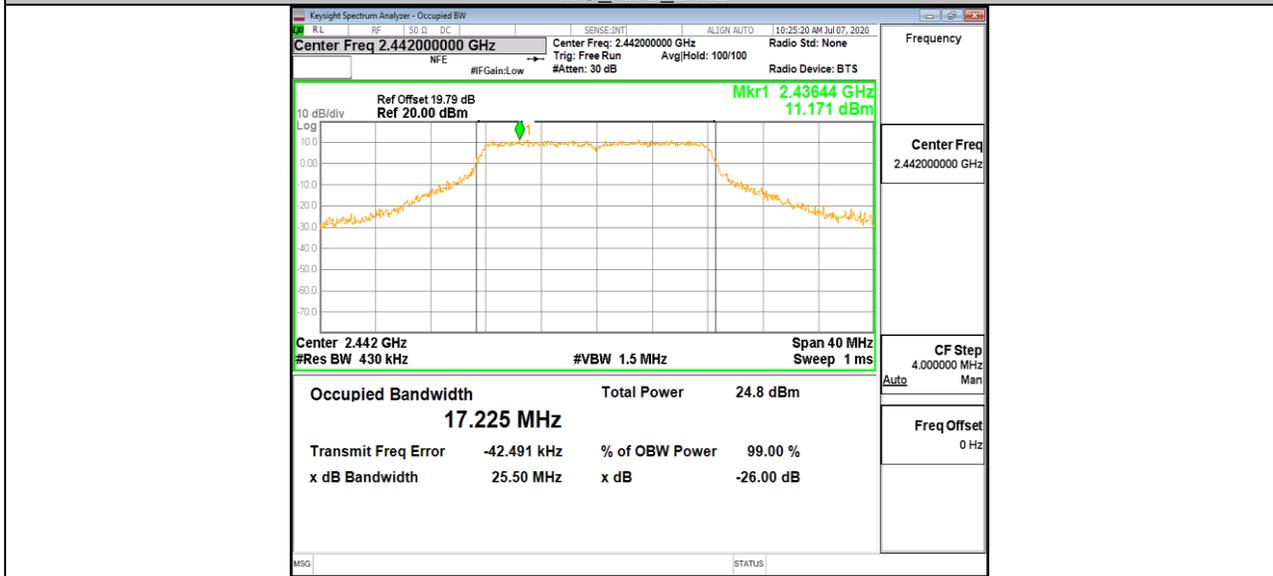
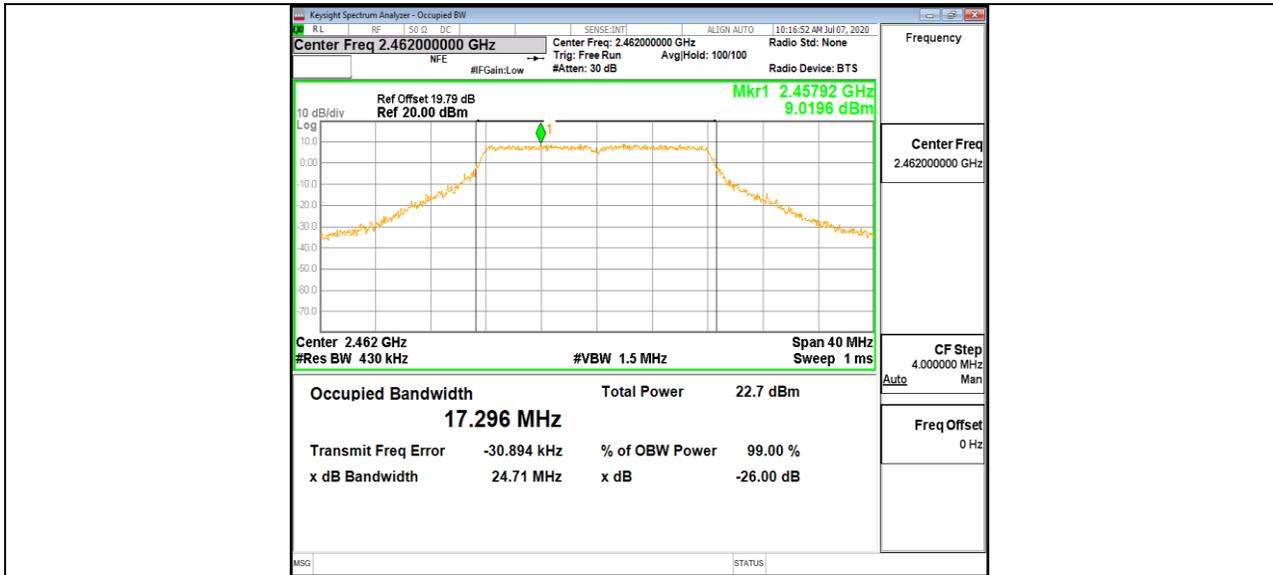


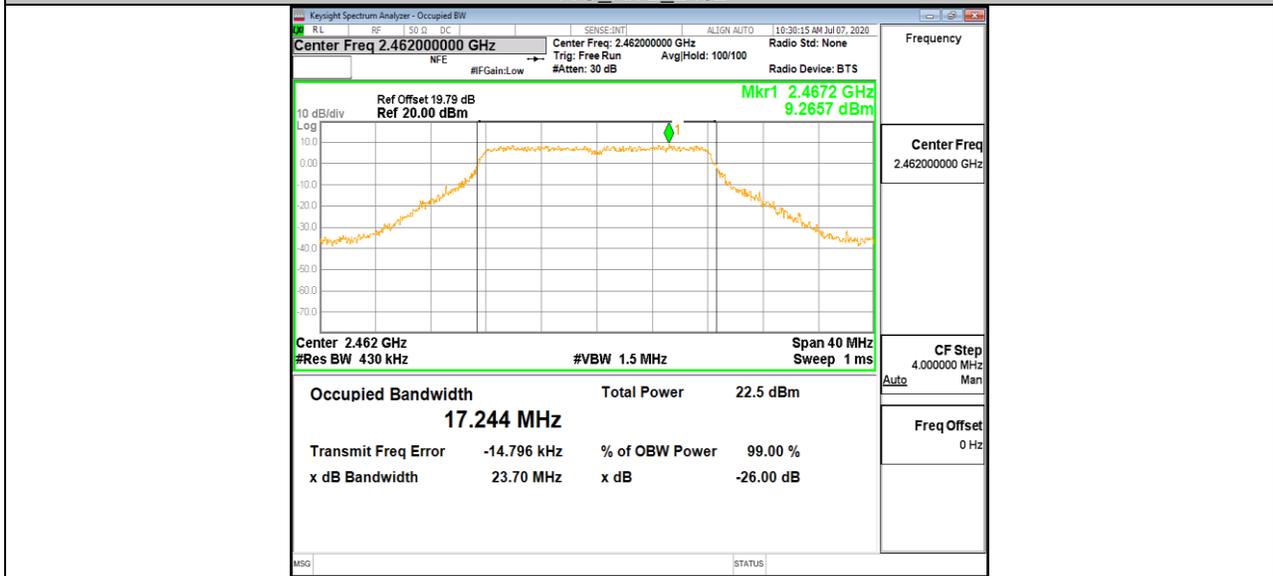
11G\_Ant2\_2442



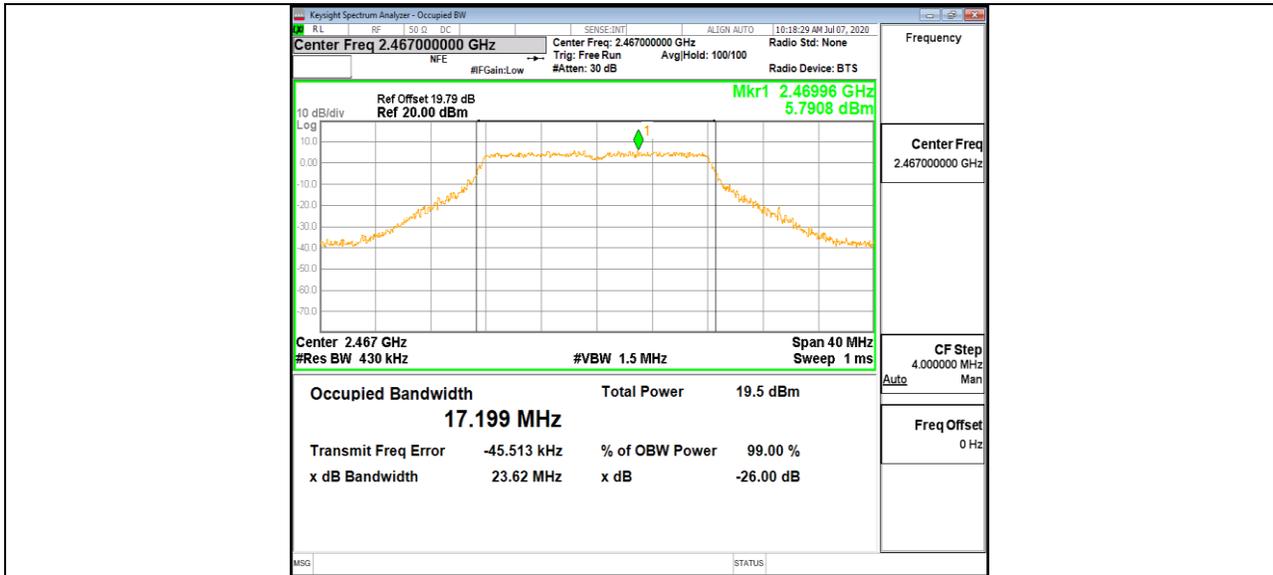
11G\_Ant1\_2462



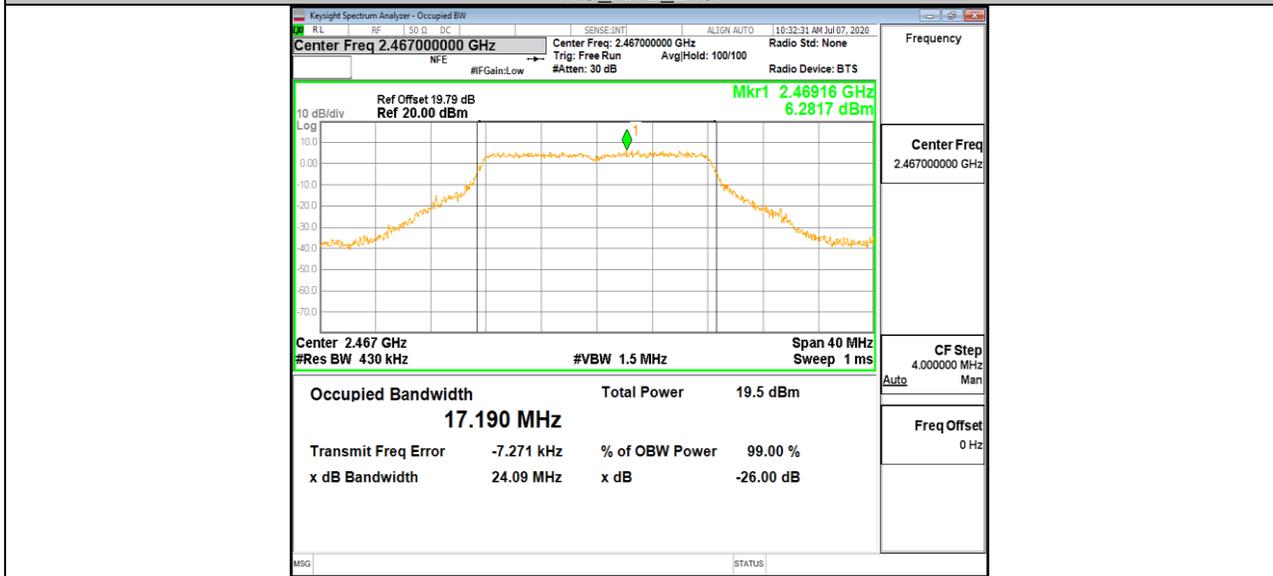
11G\_Ant2\_2462



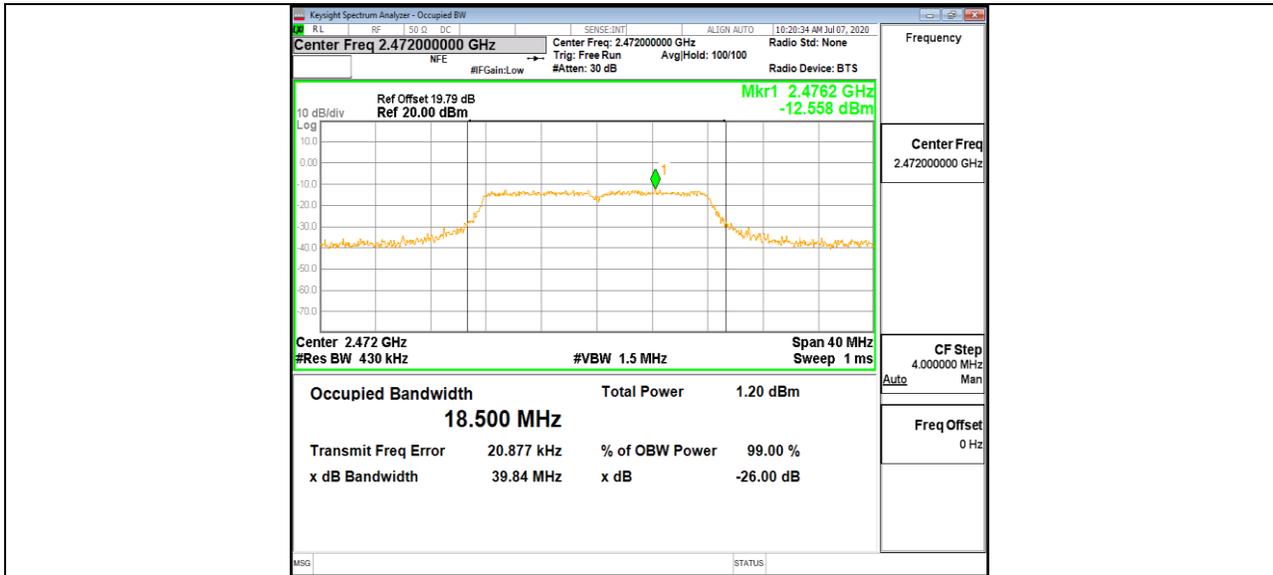
11G\_Ant1\_2467



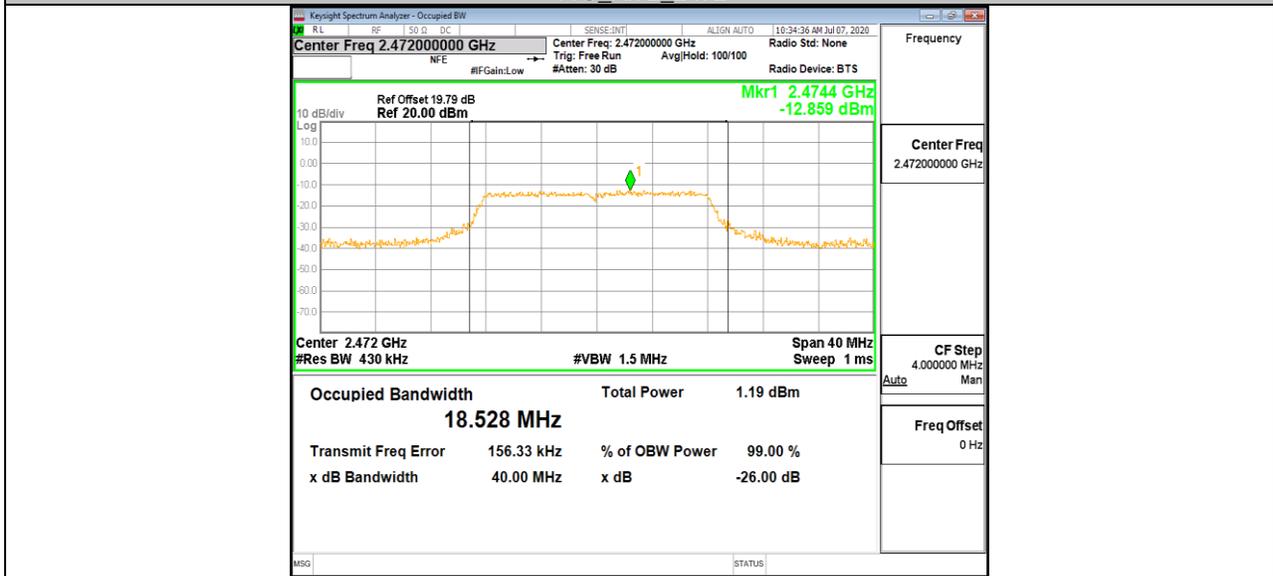
11G\_Ant2\_2467



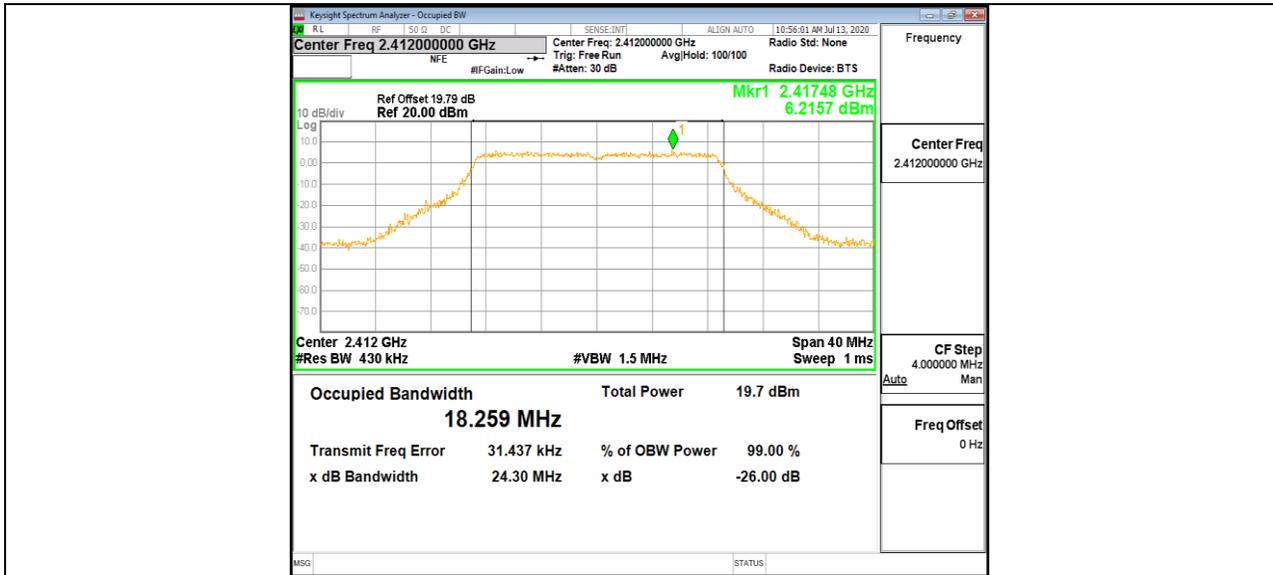
11G\_Ant1\_2472



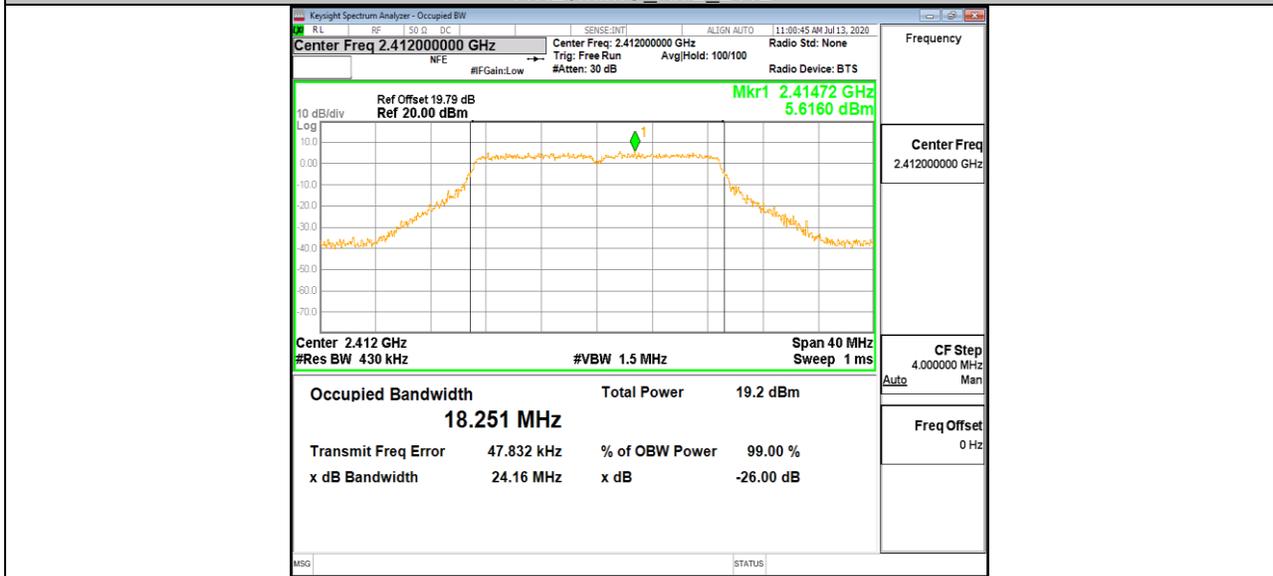
11G\_Ant2\_2472



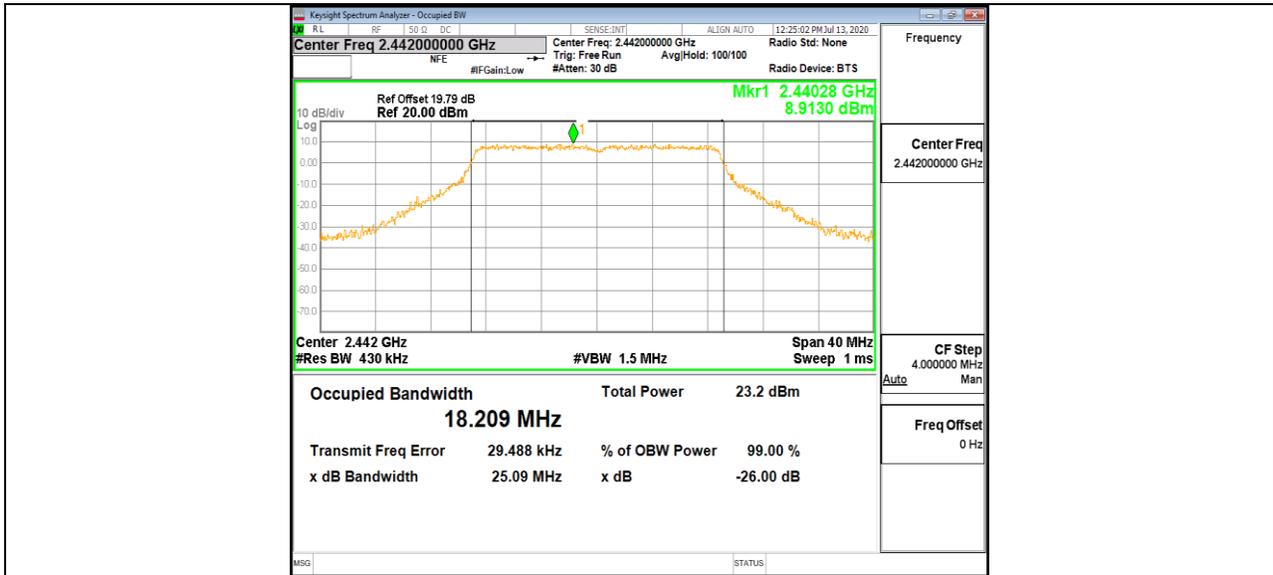
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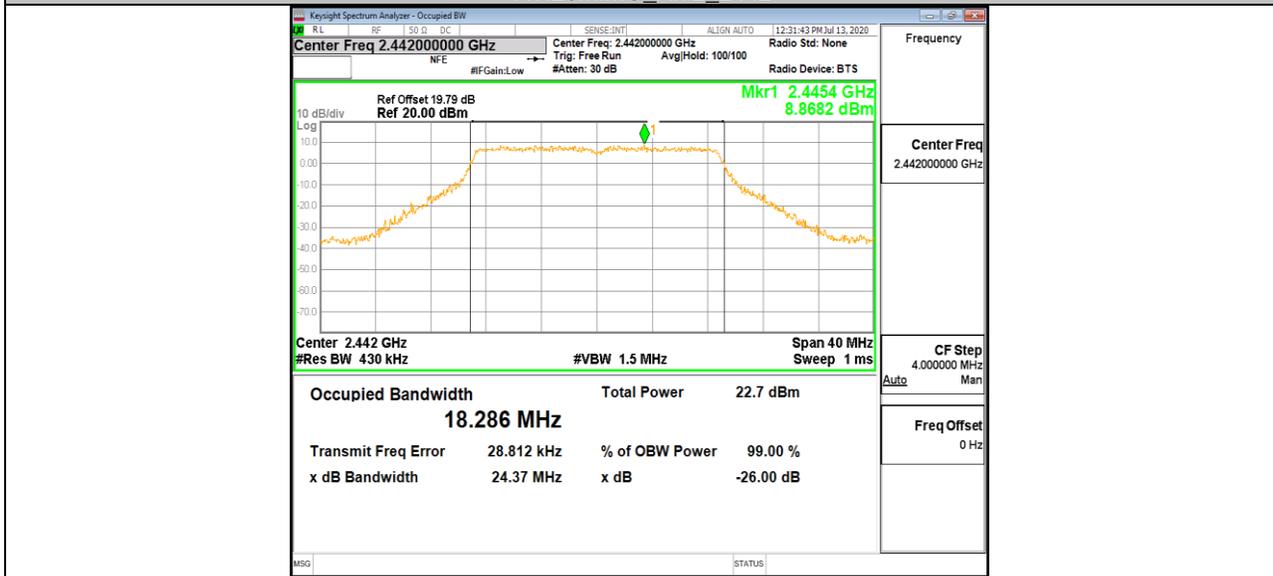
11N20MIMO\_Ant2\_2412



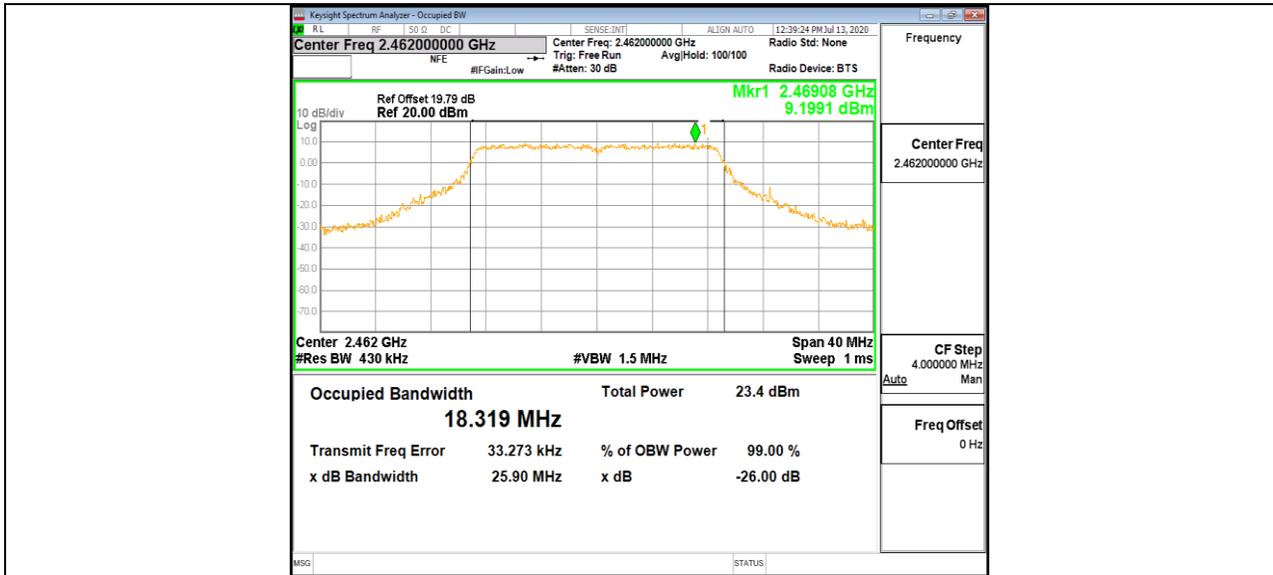
11N20MIMO\_Ant1\_2442



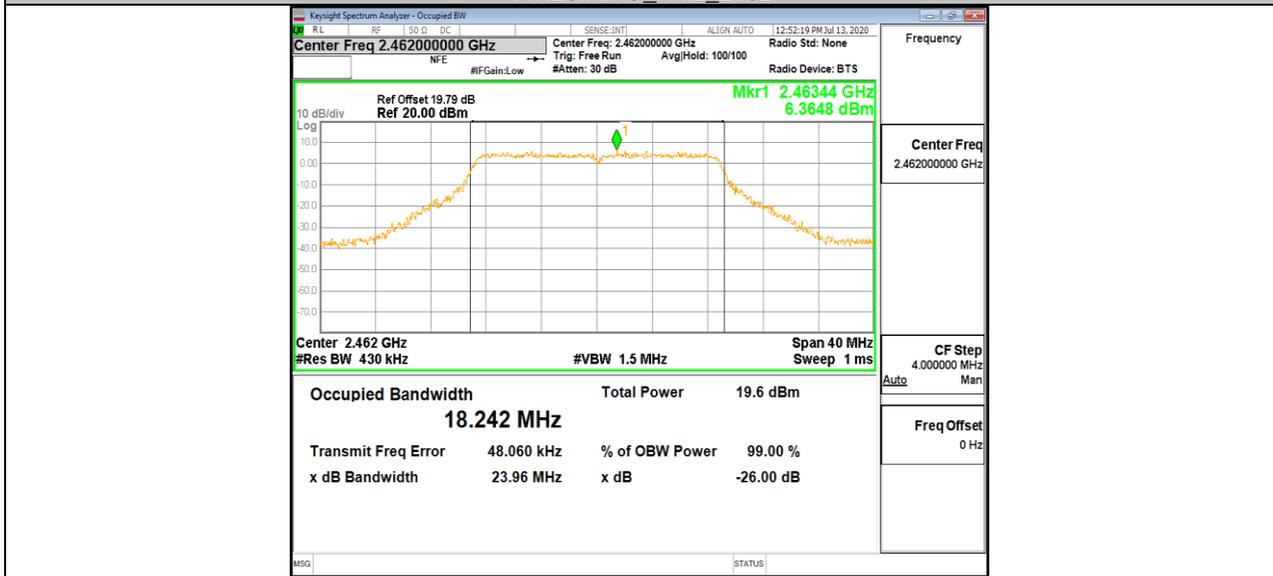
11N20MIMO\_Ant2\_2442



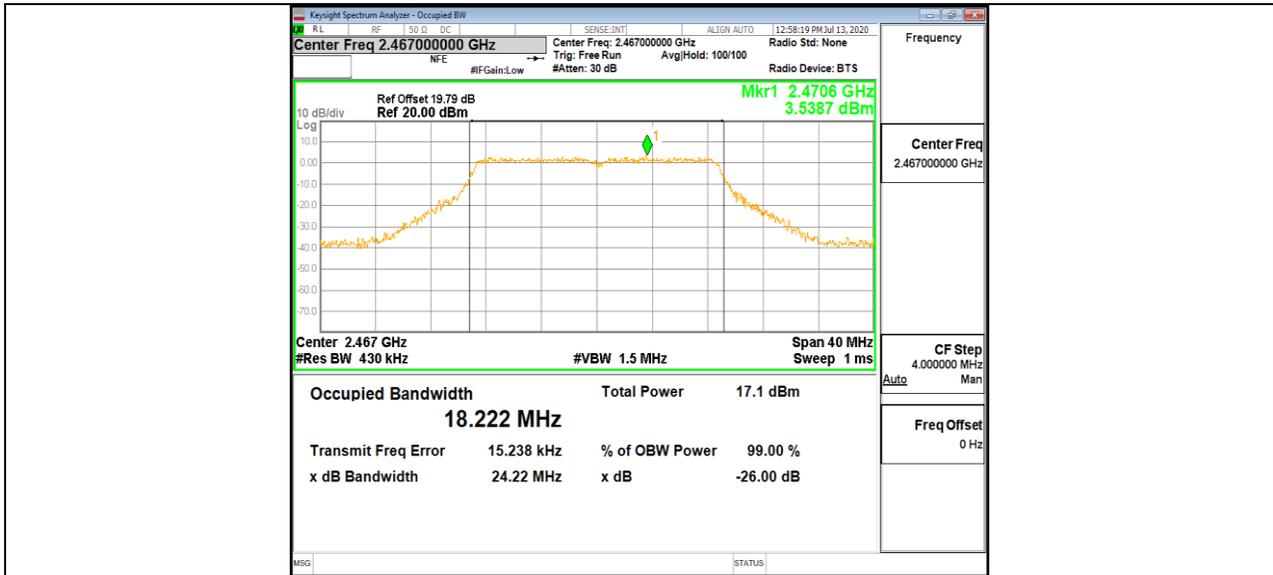
11N20MIMO\_Ant1\_2462



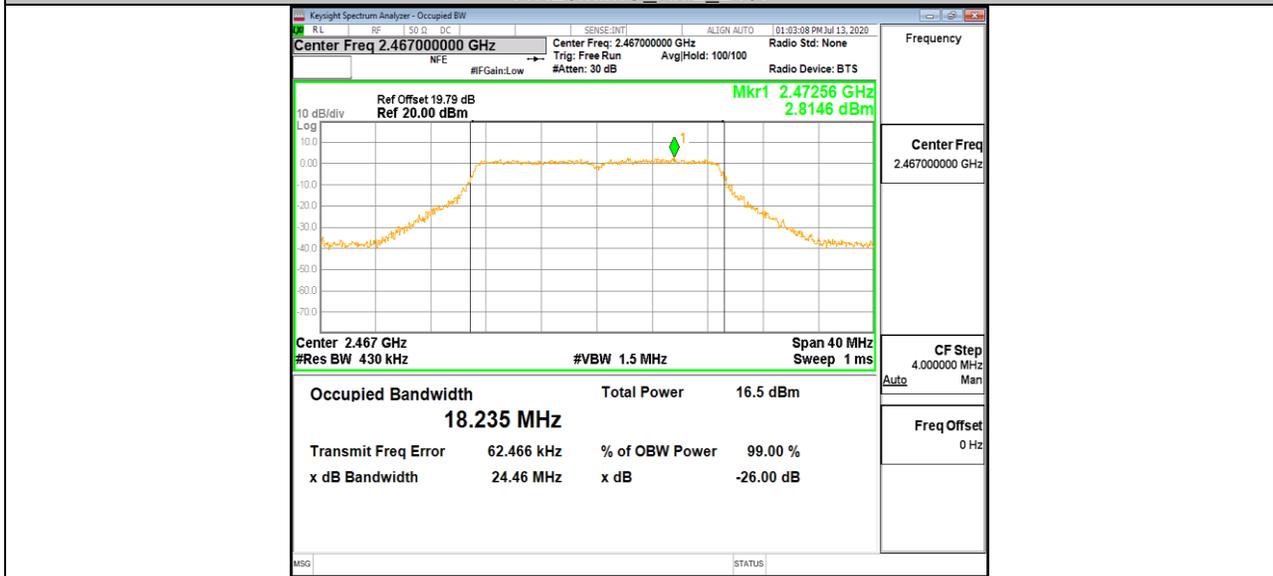
11N20MIMO\_Ant2\_2462



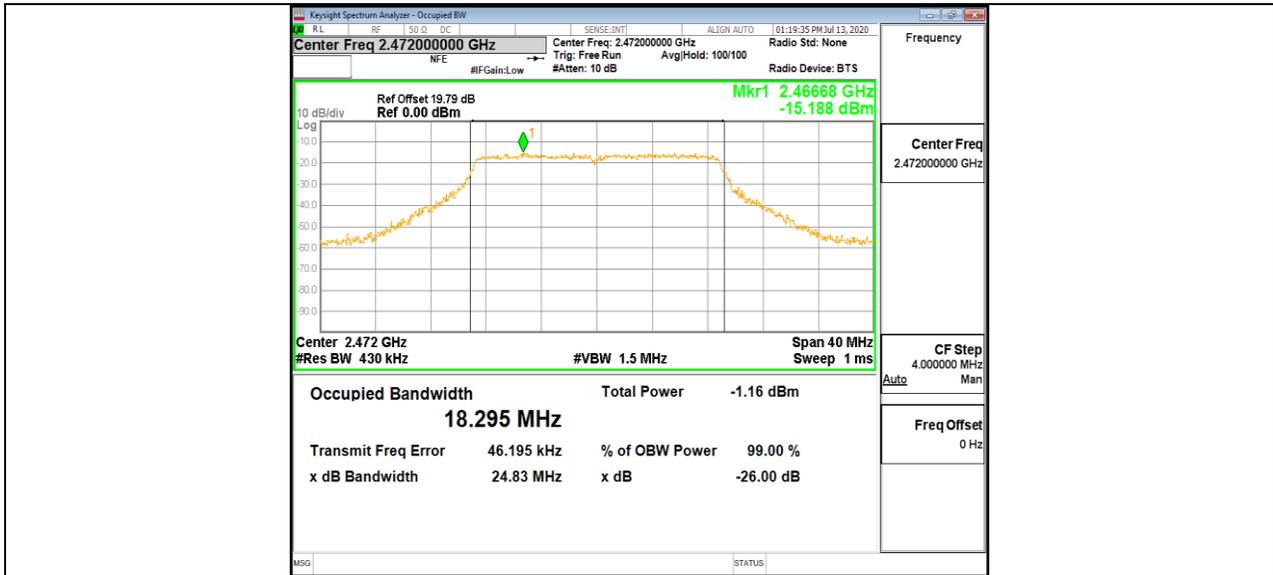
11N20MIMO\_Ant1\_2467



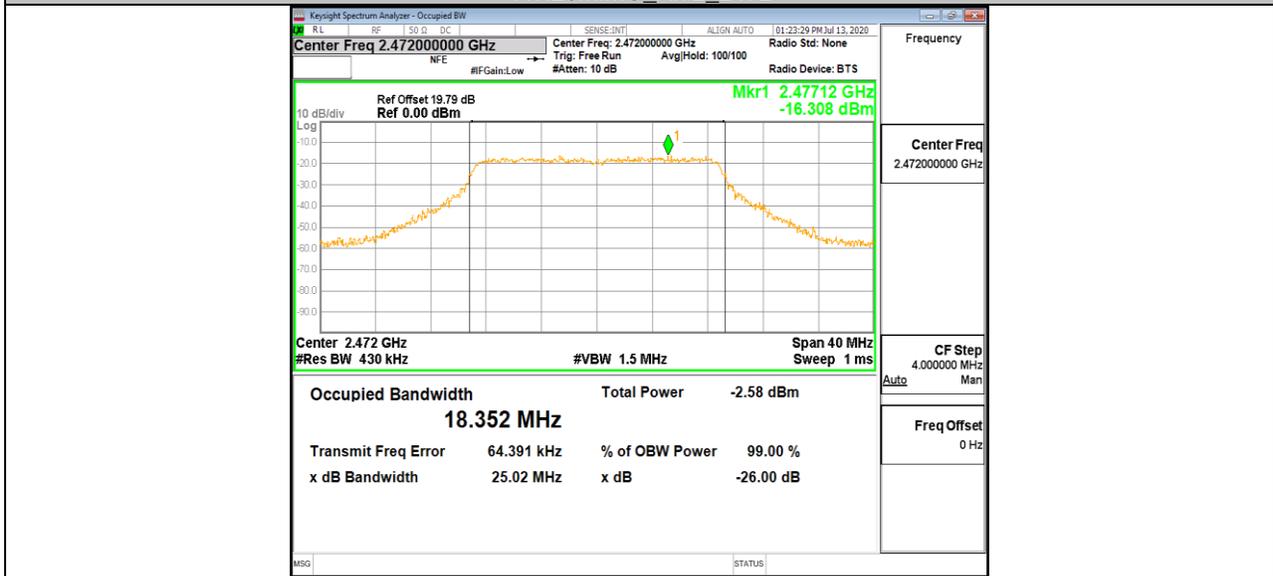
11N20MIMO\_Ant2\_2467



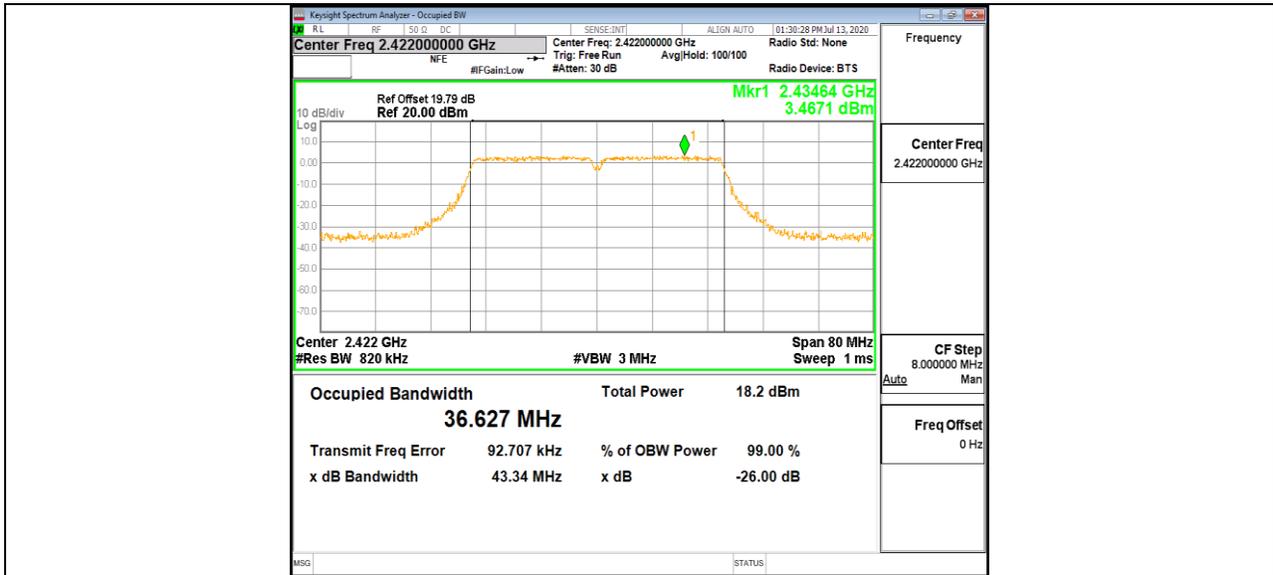
11N20MIMO\_Ant1\_2472



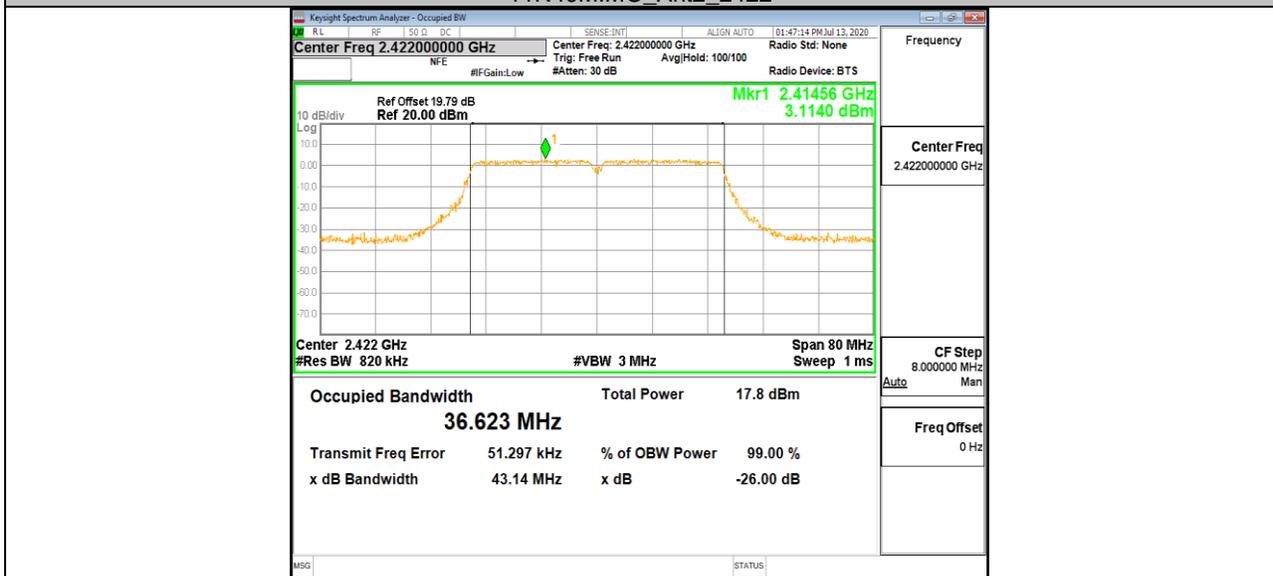
11N20MIMO\_Ant2\_2472



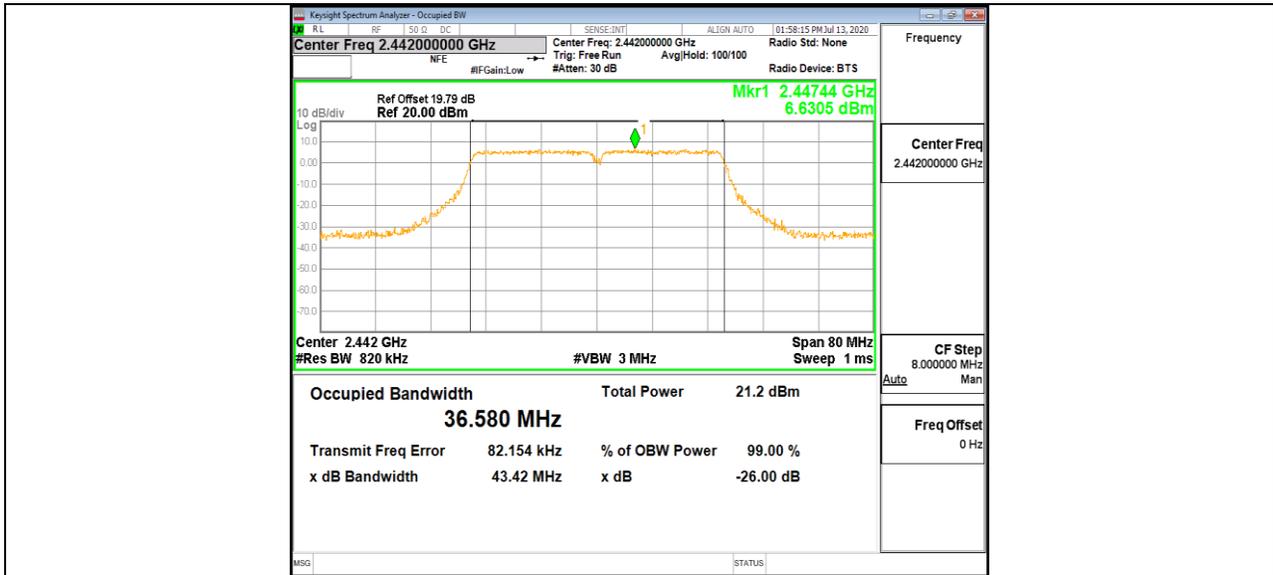
11N40MIMO\_Ant1\_2422



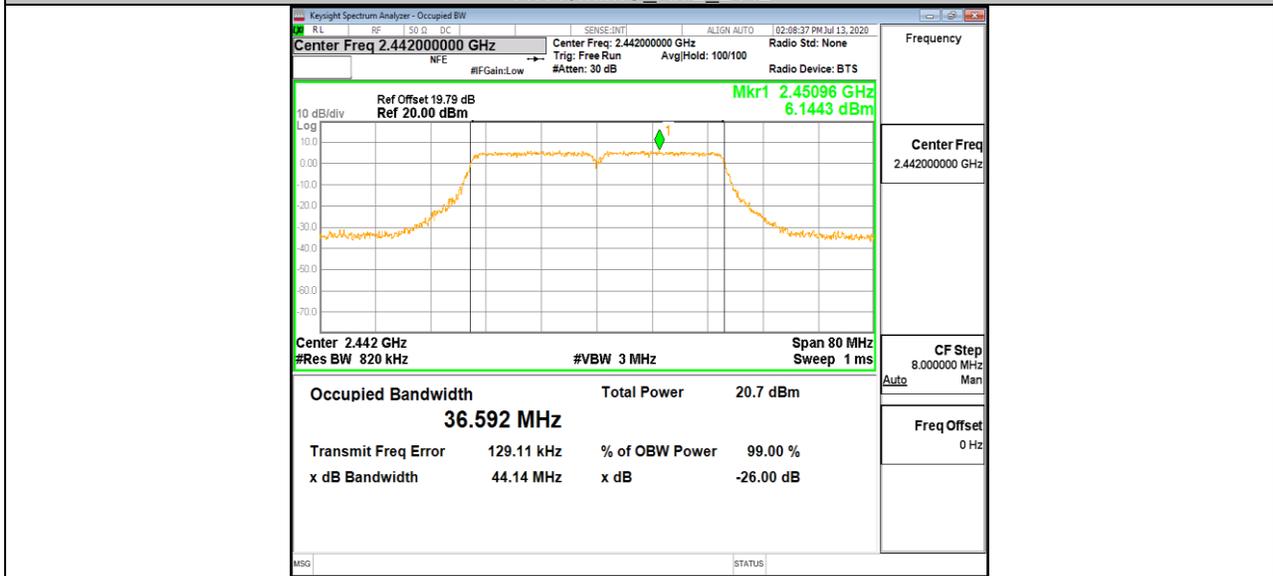
11N40MIMO\_Ant2\_2422



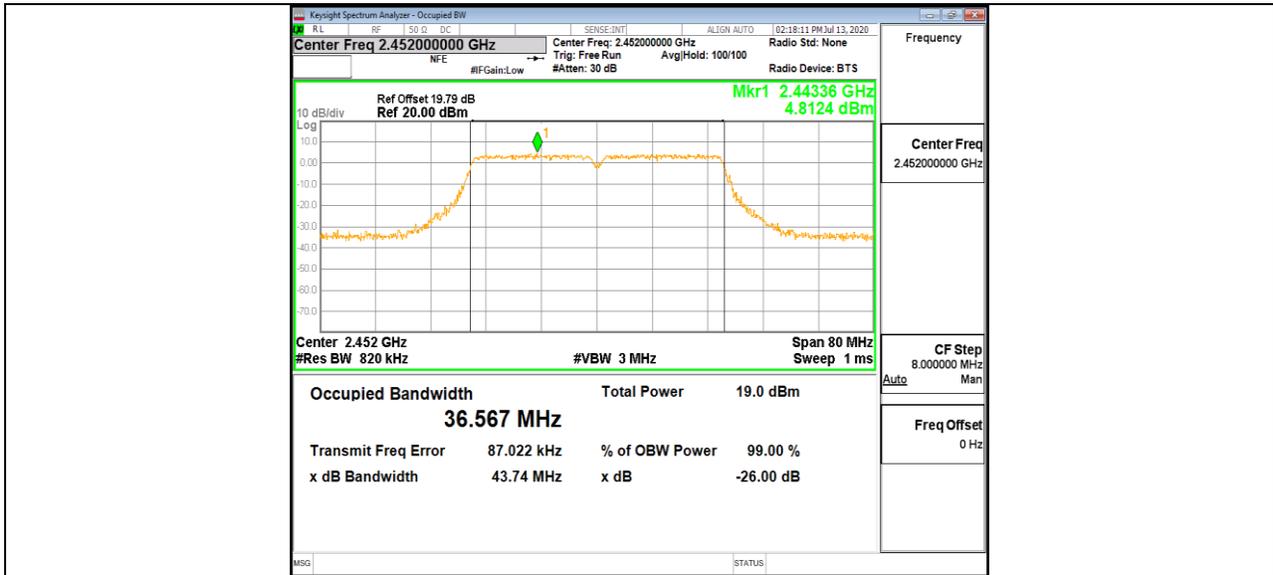
11N40MIMO\_Ant1\_2442



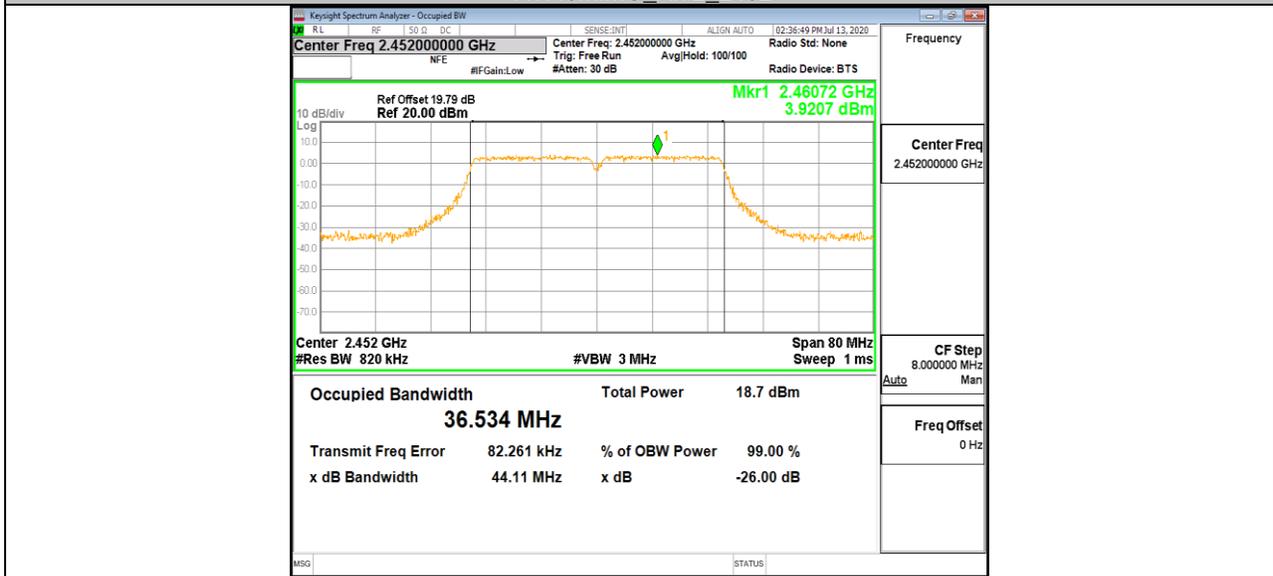
11N40MIMO\_Ant2\_2442



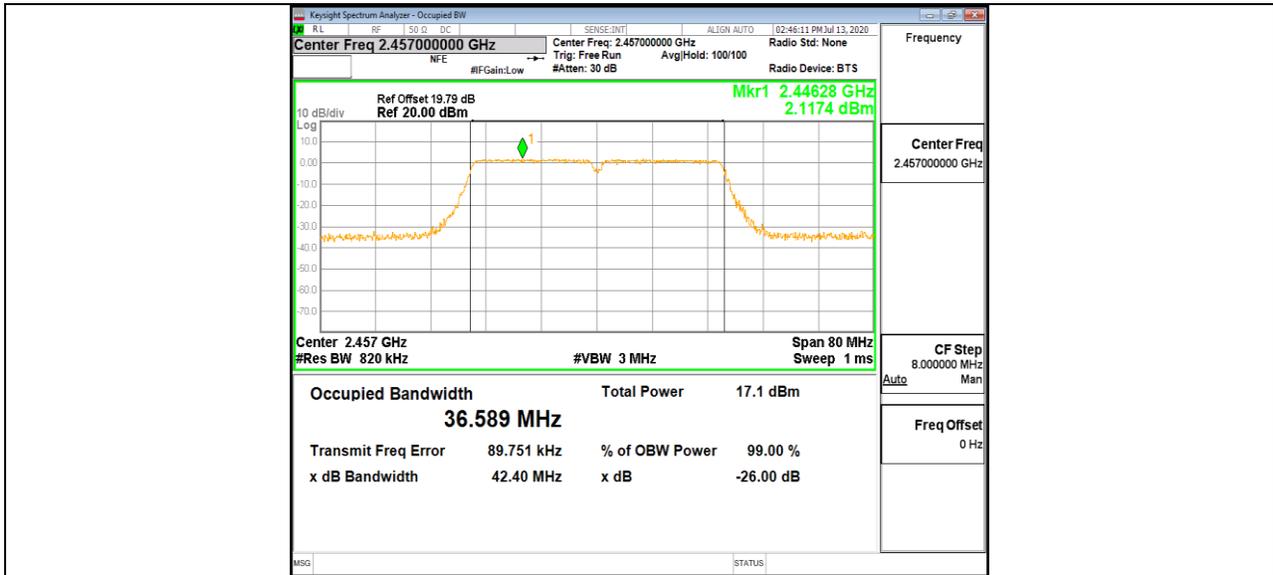
11N40MIMO\_Ant1\_2452



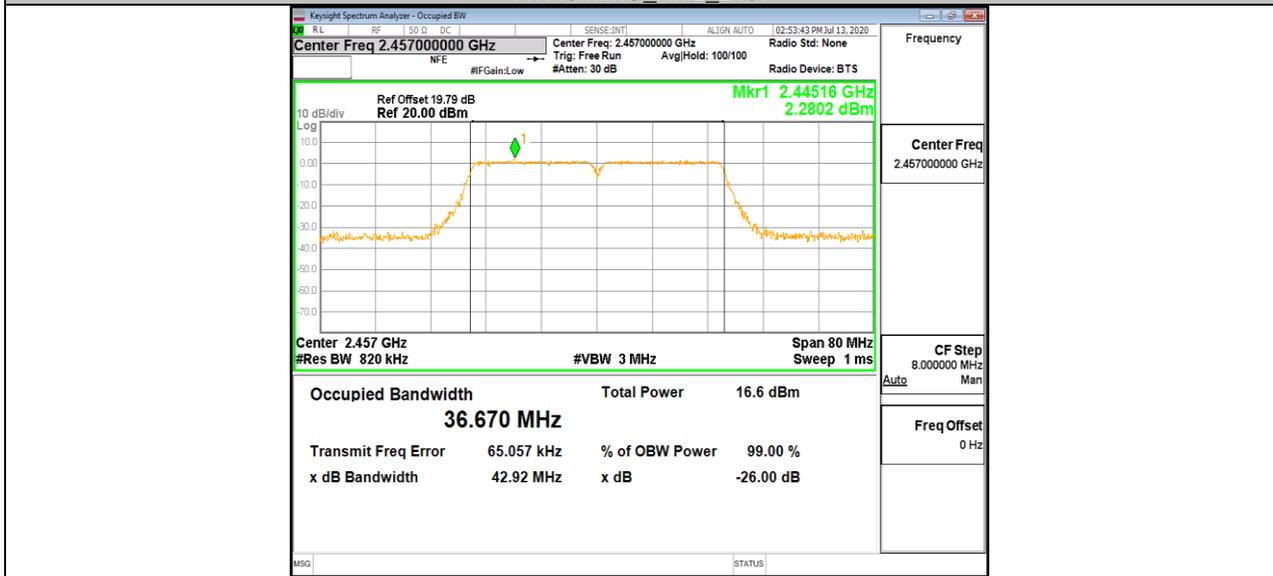
11N40MIMO\_Ant2\_2452



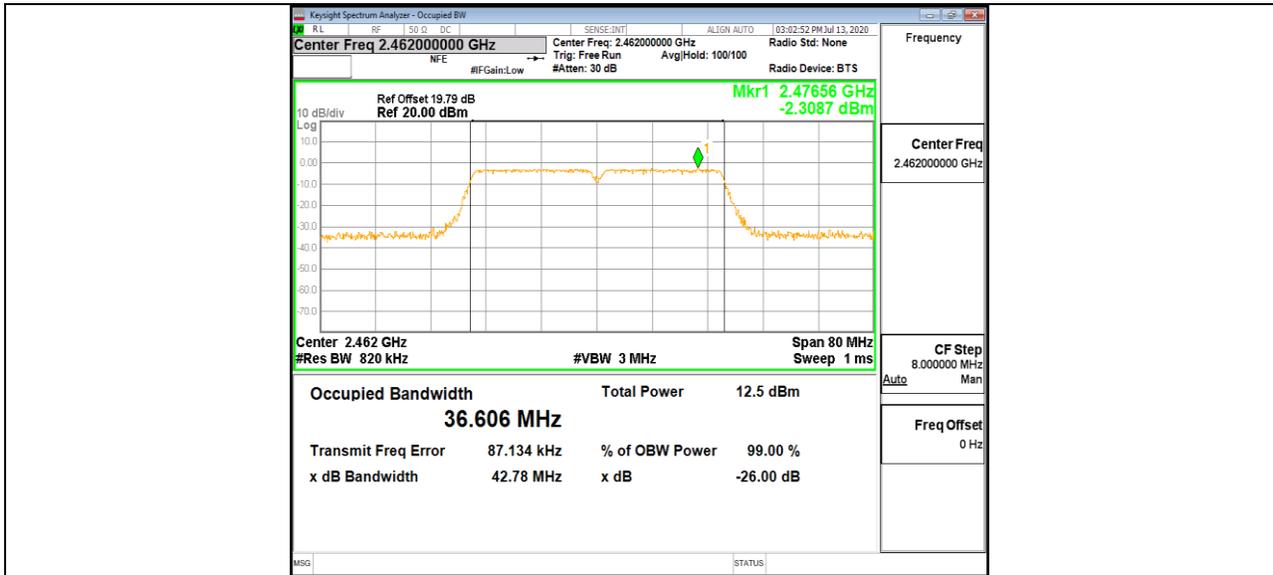
11N40MIMO\_Ant1\_2457



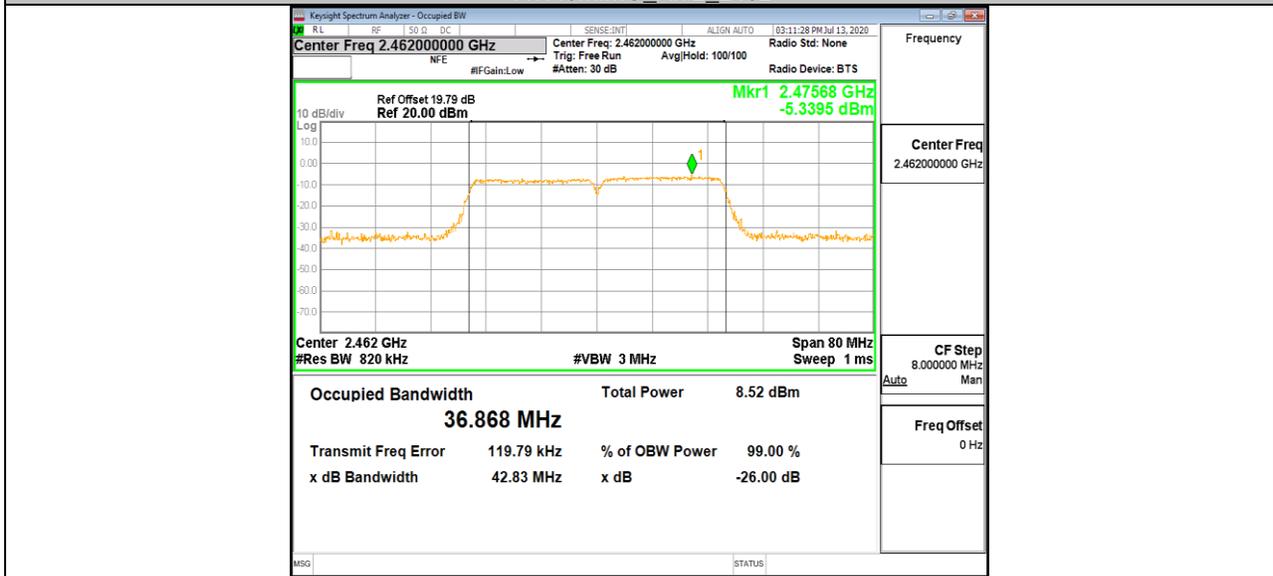
11N40MIMO\_Ant2\_2457



11N40MIMO\_Ant1\_2462



11N40MIMO\_Ant2\_2462





## Appendix C: Maximum Average Output Power

### Test Result

Test Mode	Antenna	Channel	Average Conducted Output Power [dBm]	Average EIRP [dBm]	Conducted Power Limit [dBm]	ISED EIRP Limit [dBm]	Verdict
11B	Ant1	2412	19.04	19.77	<=30	<=36	PASS
	Ant2	2412	19.59	21.96	<=30	<=36	PASS
	Ant1	2442	19.33	20.06	<=30	<=36	PASS
	Ant2	2442	20.53	22.90	<=30	<=36	PASS
	Ant1	2462	19.51	20.24	<=30	<=36	PASS
	Ant2	2462	20.71	23.08	<=30	<=36	PASS
	Ant1	2467	17.23	17.96	<=30	<=36	PASS
	Ant2	2467	17.85	20.22	<=30	<=36	PASS
	Ant1	2472	14.82	15.55	<=30	<=36	PASS
11G	Ant2	2472	14.64	17.01	<=30	<=36	PASS
	Ant1	2412	16.06	16.79	<=30	<=36	PASS
	Ant2	2412	16.77	19.14	<=30	<=36	PASS
	Ant1	2442	20.51	21.24	<=30	<=36	PASS
	Ant2	2442	20.30	22.67	<=30	<=36	PASS
	Ant1	2462	16.60	17.33	<=30	<=36	PASS
	Ant2	2462	16.39	18.76	<=30	<=36	PASS
	Ant1	2467	13.27	14.00	<=30	<=36	PASS
	Ant2	2467	13.34	15.71	<=30	<=36	PASS
11N20MIMO	Ant1	2472	-4.97	-4.24	<=30	<=36	PASS
	Ant2	2472	-4.94	-2.57	<=30	<=36	PASS
	Ant1	2412	13.43	/	<=30	<=36	PASS
	Ant2	2412	13.24	/	<=30	<=36	PASS
	total	2412	16.30	20.52	<=30	<=36	PASS
	Ant1	2442	16.92	/	<=30	<=36	PASS
	Ant2	2442	16.44	/	<=30	<=36	PASS
	total	2442	19.70	23.92	<=30	<=36	PASS
	Ant1	2462	13.97	/	<=30	<=36	PASS
	Ant2	2462	13.39	/	<=30	<=36	PASS
	total	2462	16.70	20.92	<=30	<=36	PASS
	Ant1	2467	10.91	/	<=30	<=36	PASS
	Ant2	2467	10.45	/	<=30	<=36	PASS
	total	2467	13.70	17.92	<=30	<=36	PASS
	Ant1	2472	-7.26	/	<=30	<=36	PASS
Ant2	2472	-8.59	/	<=30	<=36	PASS	
total	2472	-4.90	-0.68	<=30	<=36	PASS	
11N40MIMO	Ant1	2422	11.30	/	<=30	<=36	PASS
	Ant2	2422	10.83	/	<=30	<=36	PASS
	total	2422	14.10	18.32	<=30	<=36	PASS
	Ant1	2442	14.23	/	<=30	<=36	PASS
	Ant2	2442	13.75	/	<=30	<=36	PASS
	total	2442	17.00	21.22	<=30	<=36	PASS
	Ant1	2452	12.12	/	<=30	<=36	PASS
	Ant2	2452	11.69	/	<=30	<=36	PASS
	total	2452	14.90	19.12	<=30	<=36	PASS
	Ant1	2457	10.16	/	<=30	<=36	PASS
	Ant2	2457	9.70	/	<=30	<=36	PASS
	total	2457	12.9	17.12	<=30	<=36	PASS
	Ant1	2462	1.75	/	<=30	<=36	PASS
	Ant2	2462	1.62	/	<=30	<=36	PASS
	total	2462	4.70	8.92	<=30	<=36	PASS



- Note:
1. 802.11b and g does not support MIMO mode.
  2. Average EIRP = Average Conducted Output Power + Antenna gain/Directional gain.
  3. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.
  4. STBC mode and CDD mode use the same power setting, only the worst EIRP data was recorded in the report, for more about the antenna gain/directional gain, please refer to clause 5.6.



## Appendix D: Maximum Average Power Spectral Density

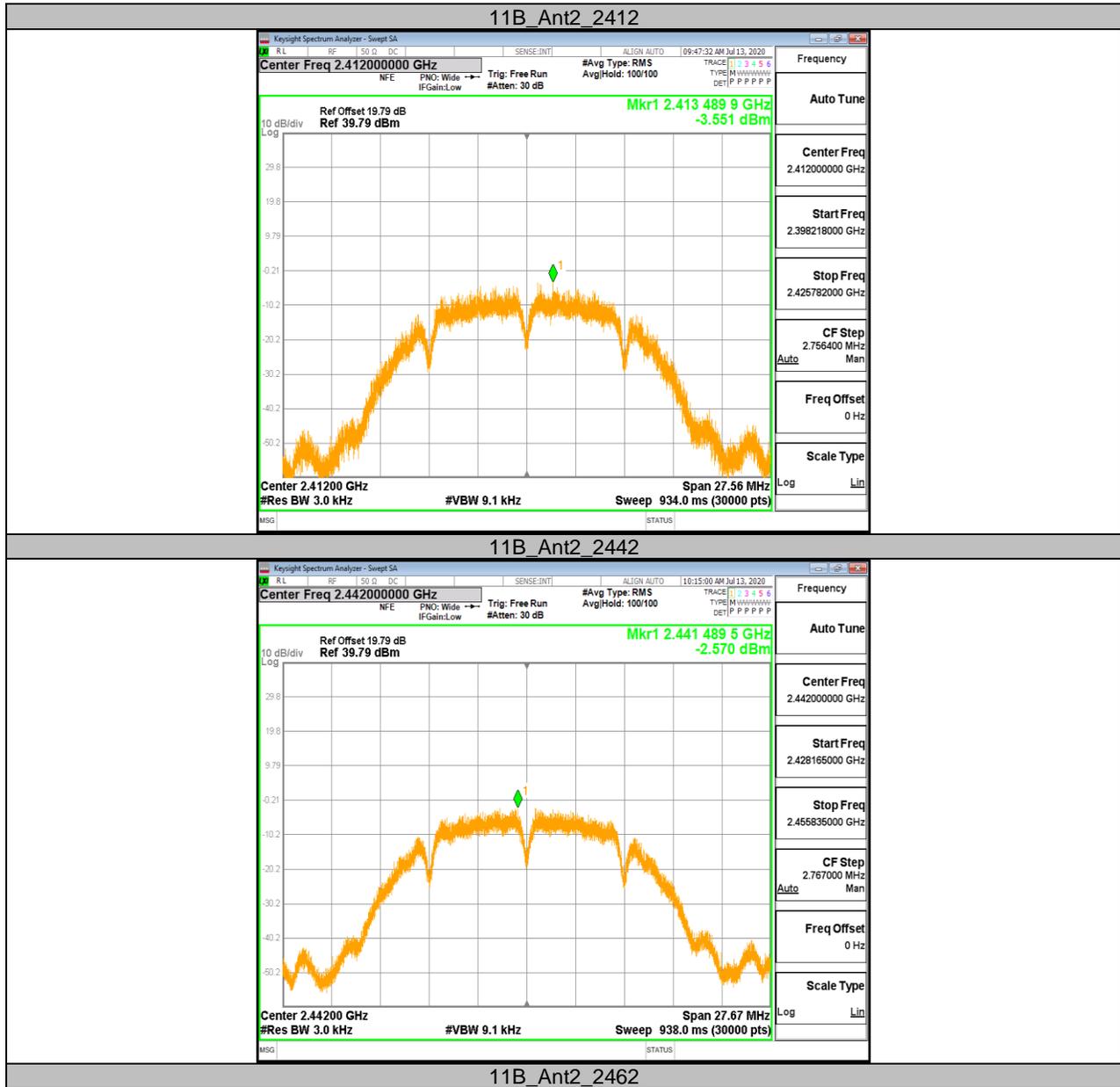
### Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-3.55	<=8	PASS
		2442	-2.57	<=8	PASS
		2462	-2.84	<=8	PASS
		2467	-5.63	<=8	PASS
		2472	-9.18	<=8	PASS
11G	Ant2	2412	-7.88	<=8	PASS
		2442	-3.86	<=8	PASS
		2462	-8.81	<=8	PASS
		2467	-11.28	<=8	PASS
		2472	-30.62	<=8	PASS
11N20MIMO	Ant1	2412	-11.39	<=8	PASS
	Ant2	2412	-11.34	<=8	PASS
	total	2412	-8.35	8	PASS
	Ant1	2442	-7.91	<=8	PASS
	Ant2	2442	-8.15	<=8	PASS
	total	2442	-5.02	8	PASS
	Ant1	2462	-10.93	<=8	PASS
	Ant2	2462	-12.02	<=8	PASS
	total	2462	-8.43	8	PASS
	Ant1	2467	-13.84	<=8	PASS
	Ant2	2467	-14.11	<=8	PASS
	total	2467	-10.96	8	PASS
	Ant1	2472	-31.75	<=8	PASS
	Ant2	2472	-32.89	<=8	PASS
total	2472	-29.27	8	PASS	
11N40MIMO	Ant1	2422	-16.66	<=8	PASS
	Ant2	2422	-16.05	<=8	PASS
	total	2422	-13.33	8	PASS
	Ant1	2442	-13.18	<=8	PASS
	Ant2	2442	-12.94	<=8	PASS
	total	2442	-10.05	8	PASS
	Ant1	2452	-16	<=8	PASS
	Ant2	2452	-14.65	<=8	PASS
	total	2452	-12.26	8	PASS
	Ant1	2457	-16.97	<=8	PASS
	Ant2	2457	-17.77	<=8	PASS
	total	2457	-14.34	8	PASS
	Ant1	2462	-25.33	<=8	PASS
	Ant2	2462	-25.82	<=8	PASS
total	2462	-22.56	8	PASS	

Note: For 802.11b & g mode, both the two antennas had been tested, but only the worst data was recorded in the report.



### Test Graphs

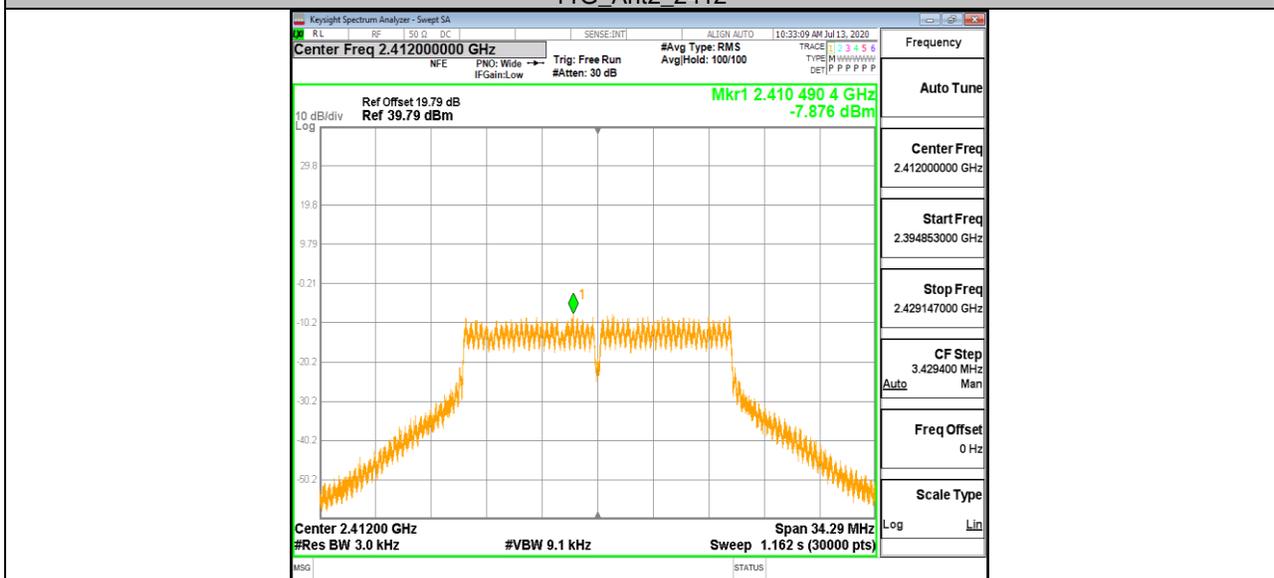
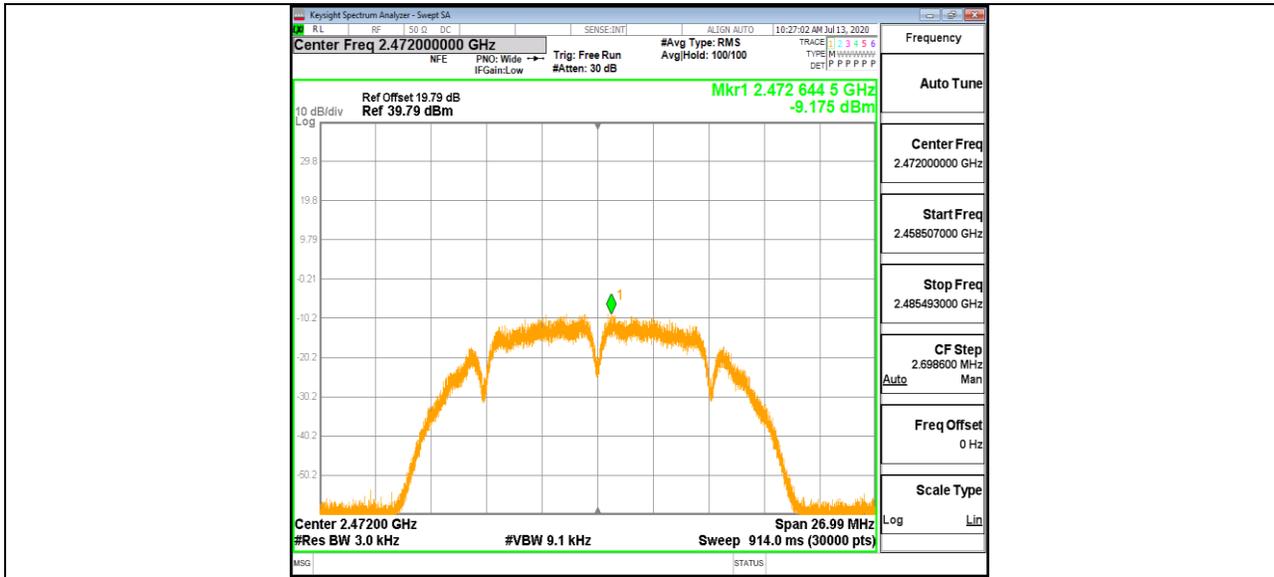


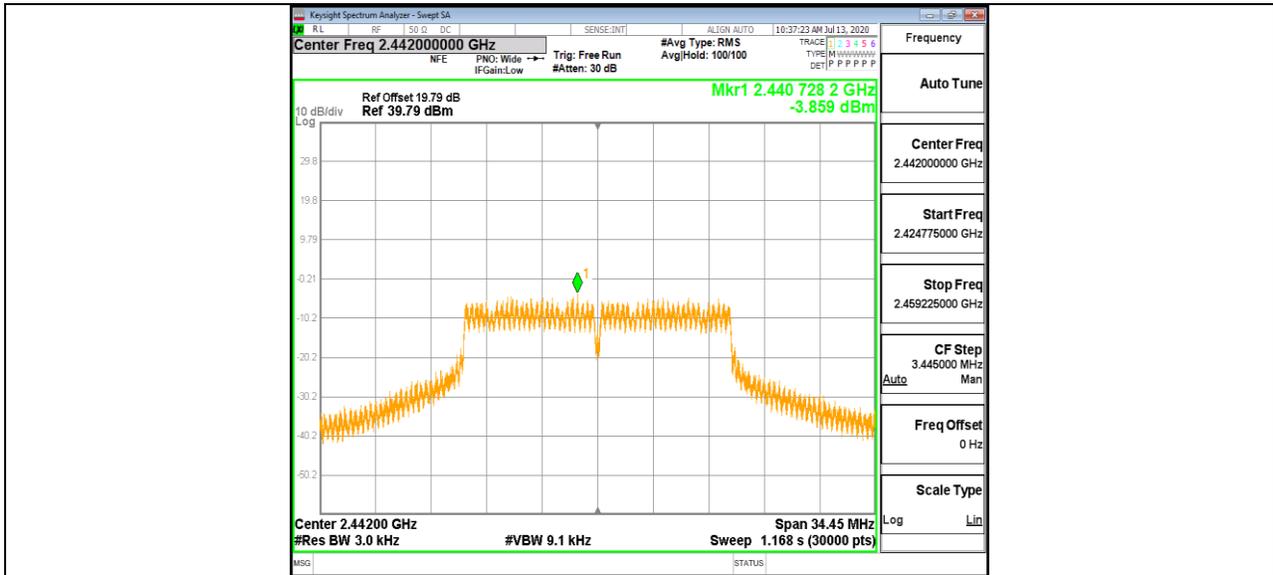


11B\_Ant2\_2467

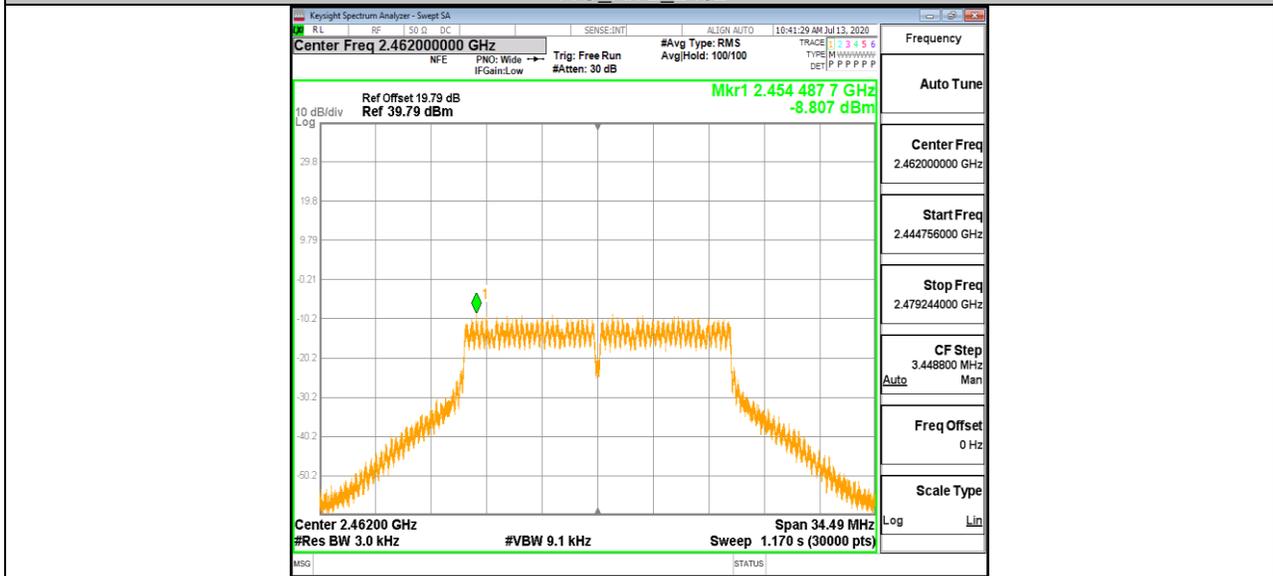


11B\_Ant2\_2472

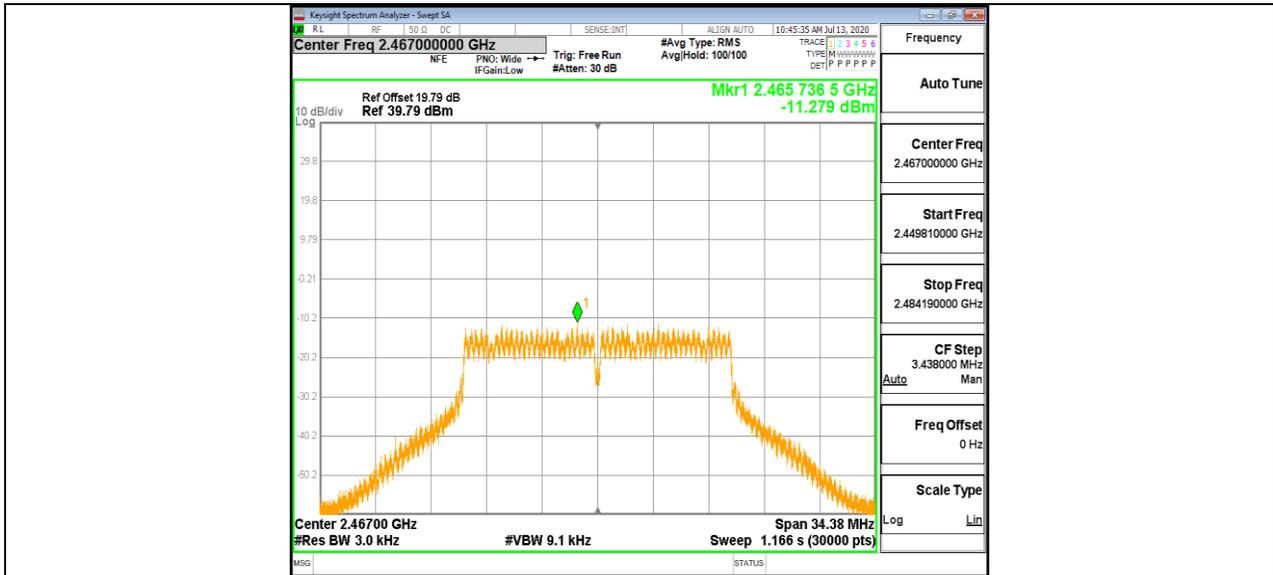




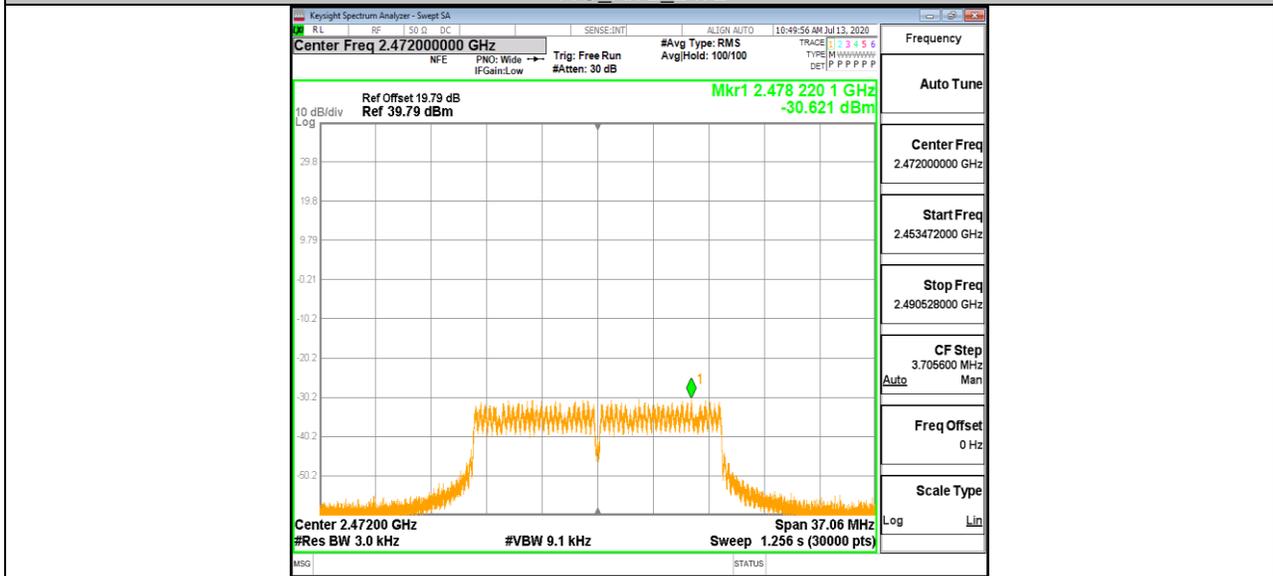
11G\_Ant2\_2462



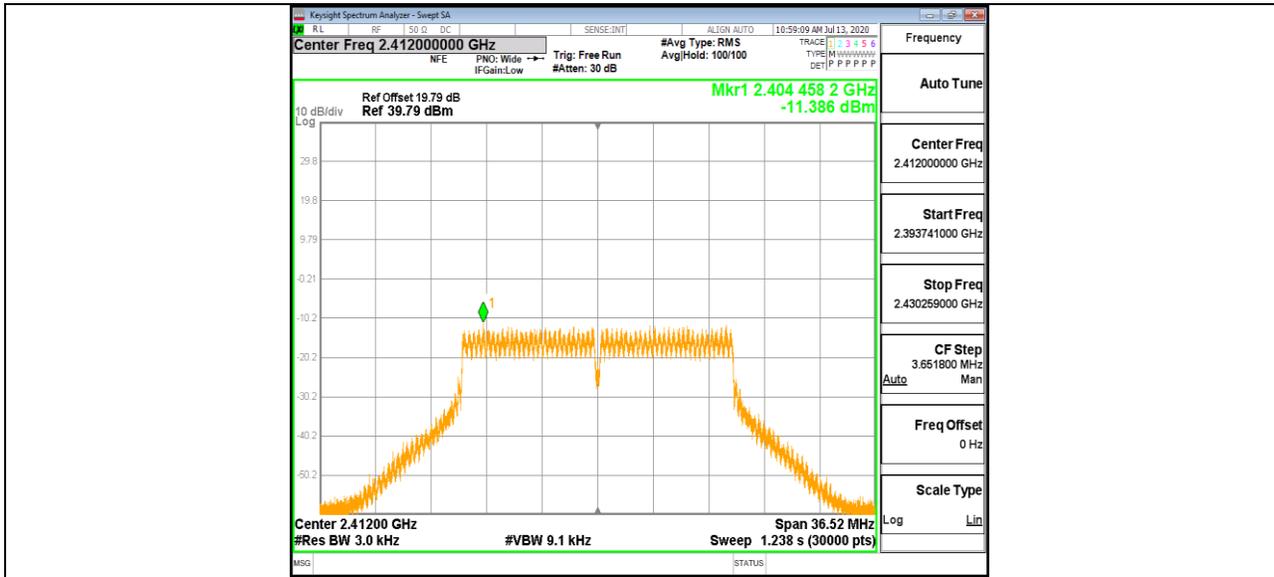
11G\_Ant2\_2467



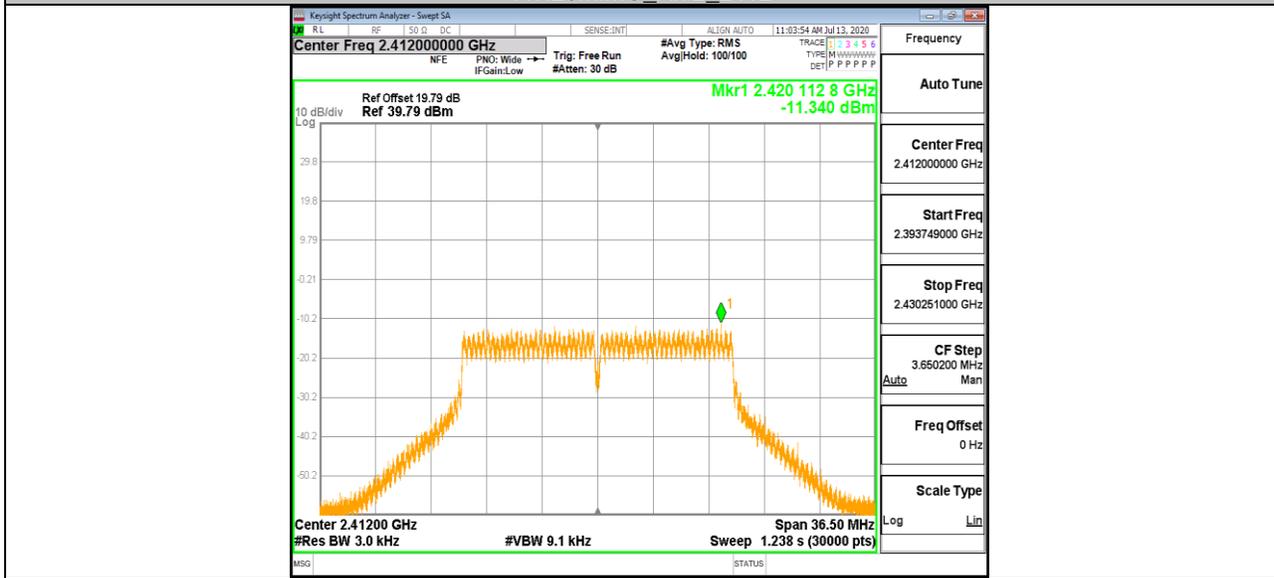
11G\_Ant2\_2472



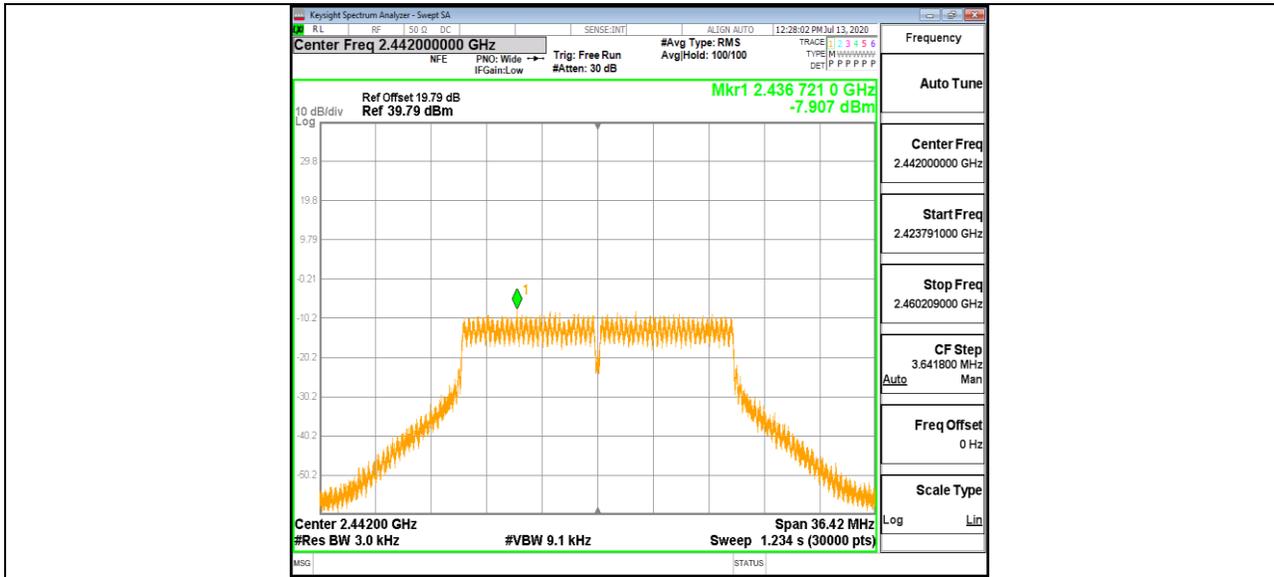
11N20MIMO\_Ant1\_2412



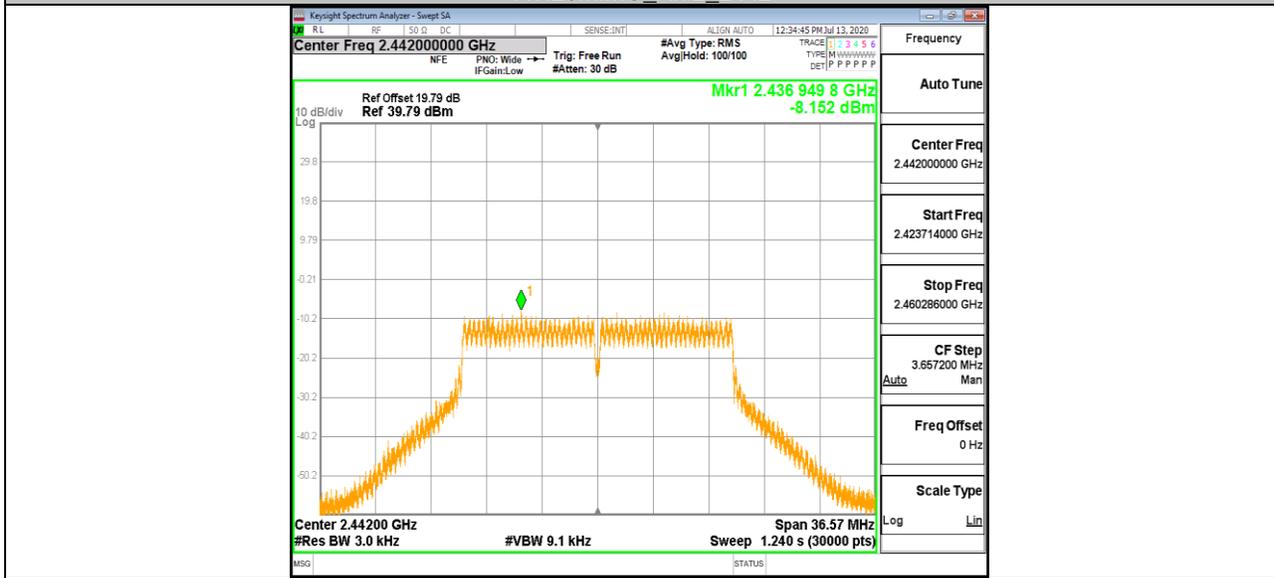
11N20MIMO\_Ant2\_2412



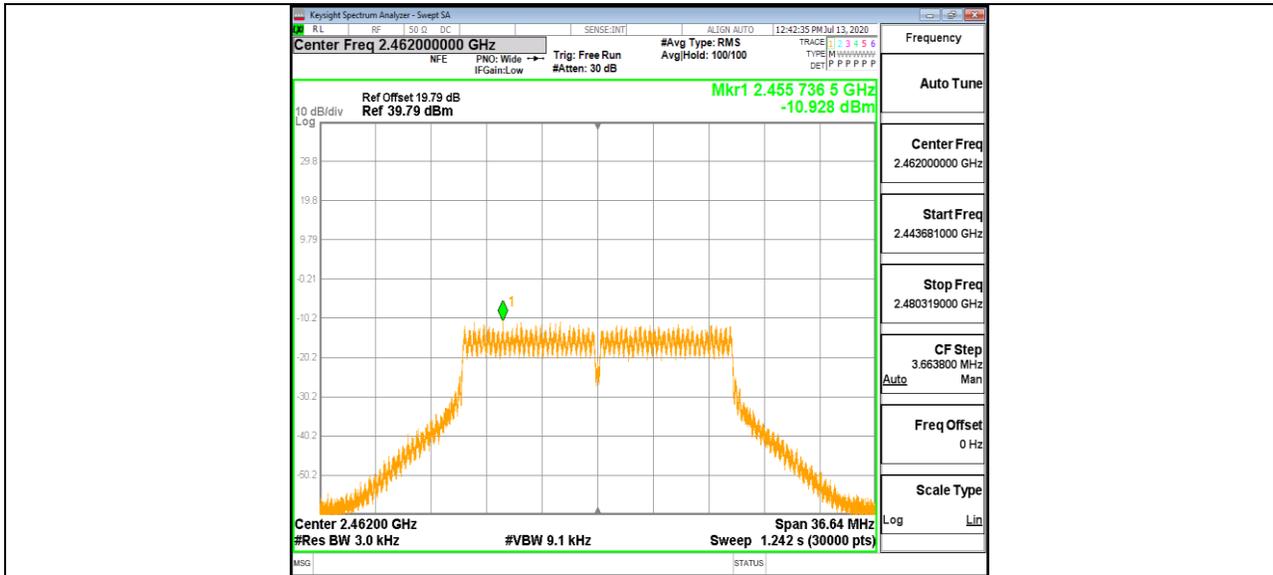
11N20MIMO\_Ant1\_2442



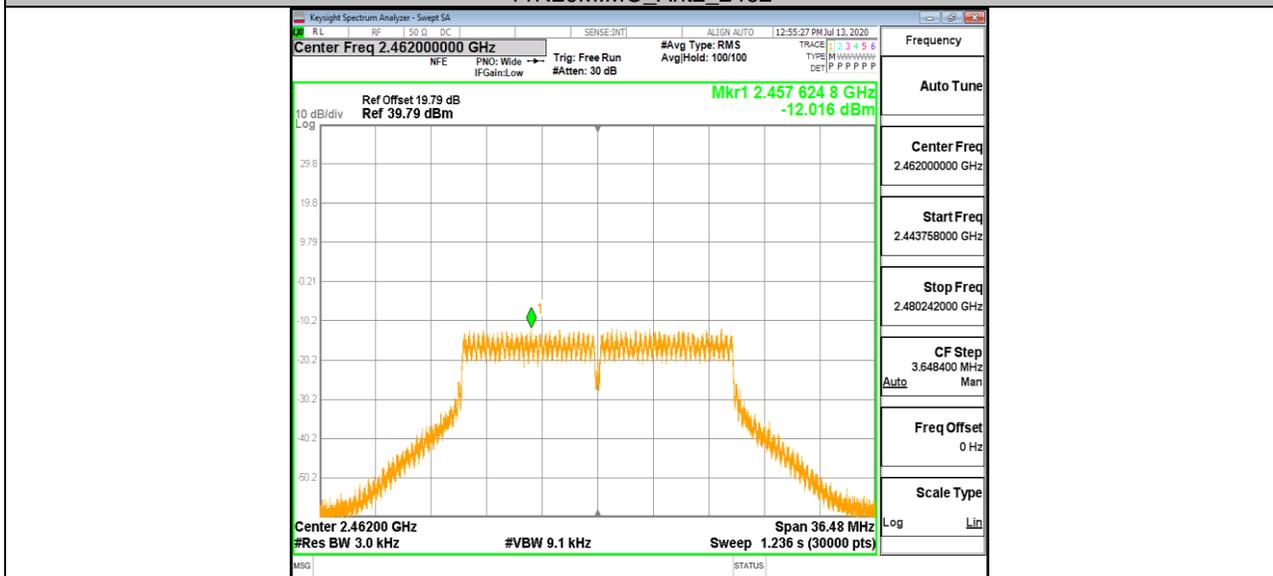
11N20MIMO\_Ant2\_2442



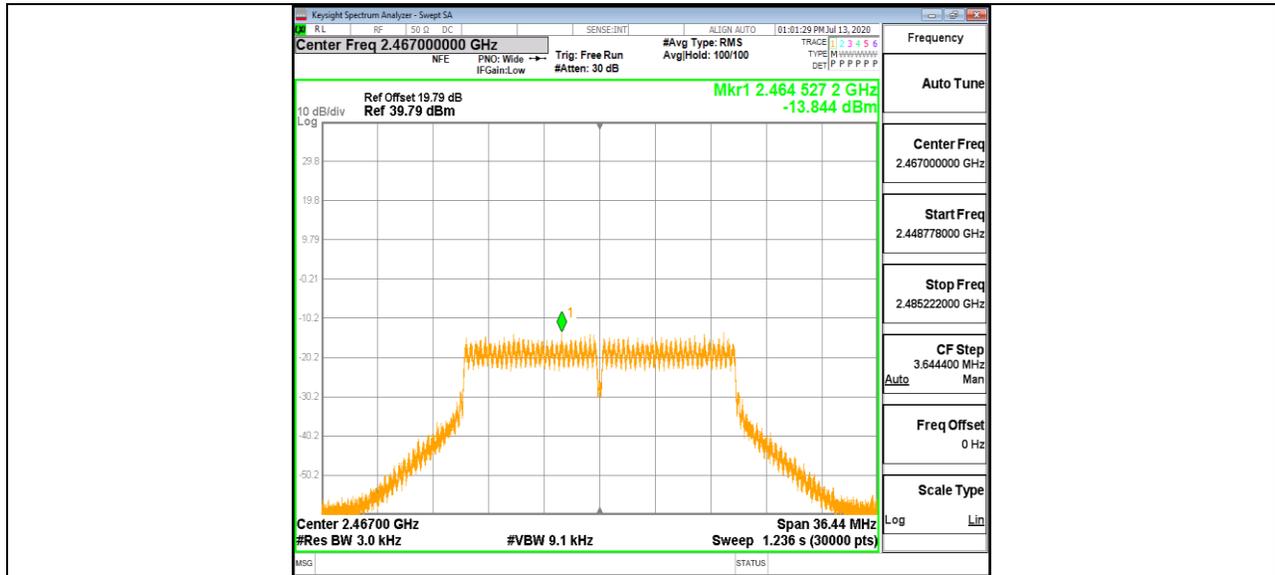
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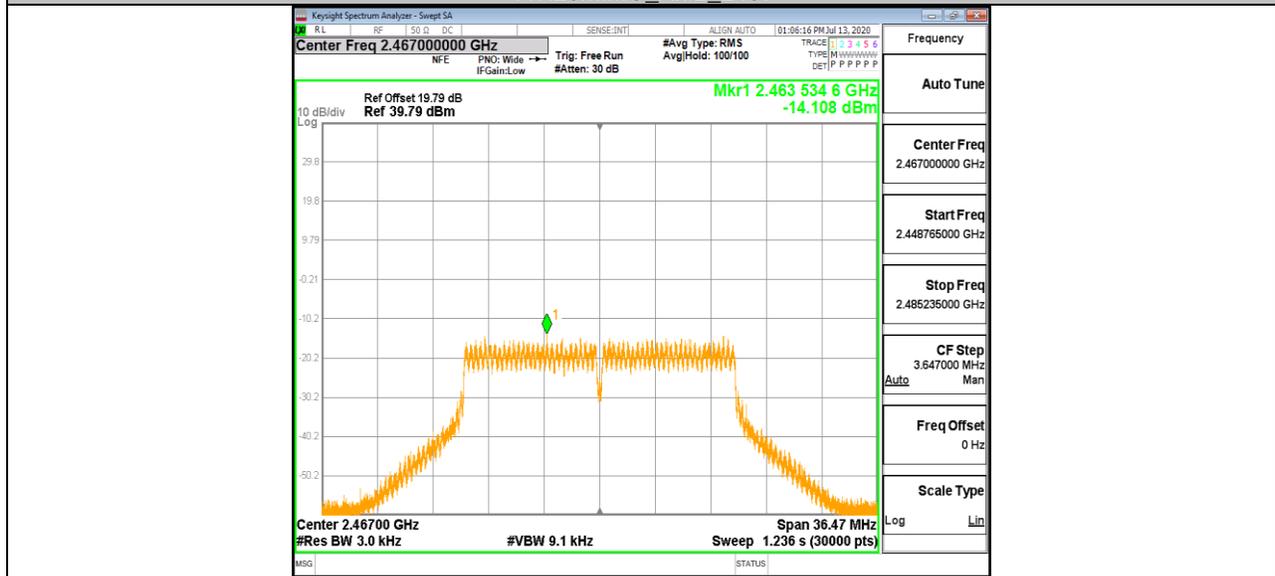
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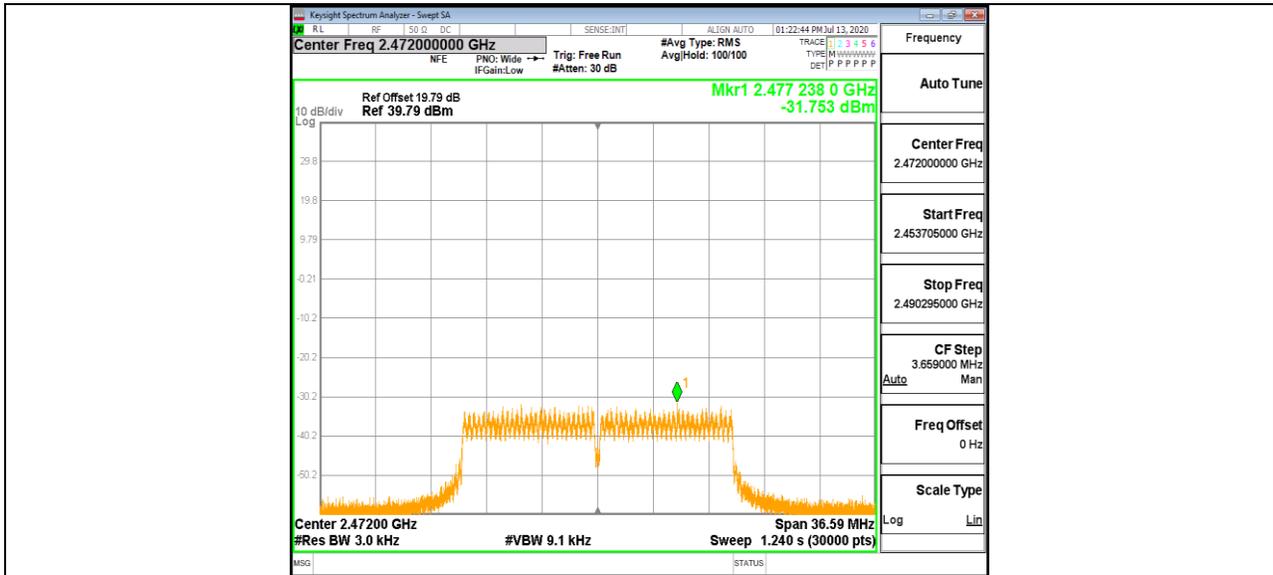
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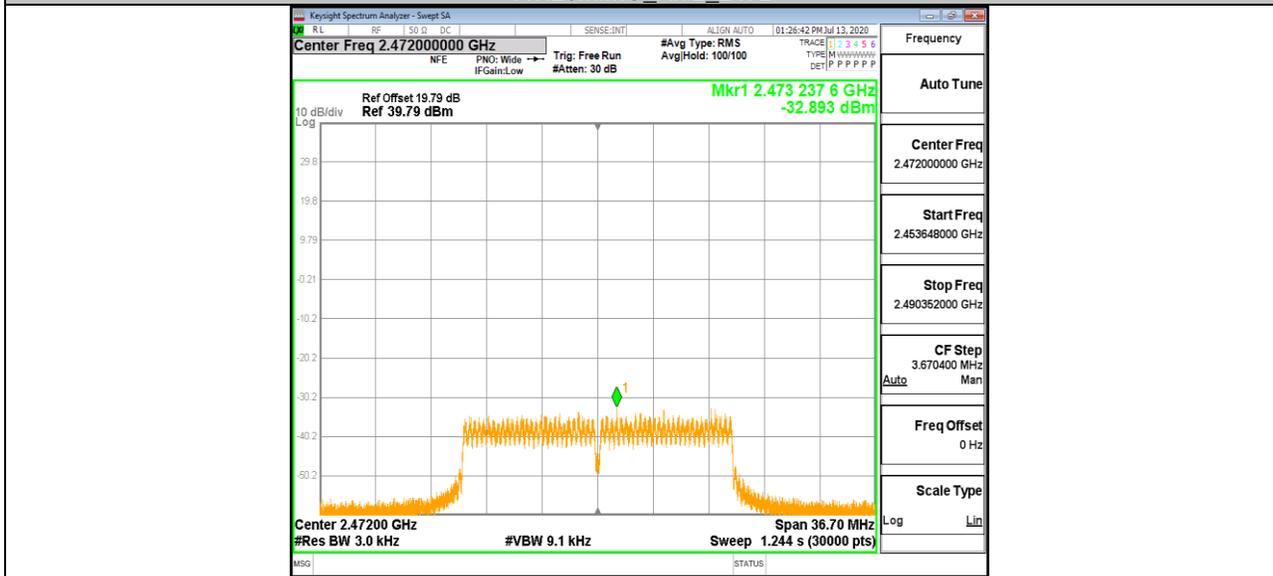
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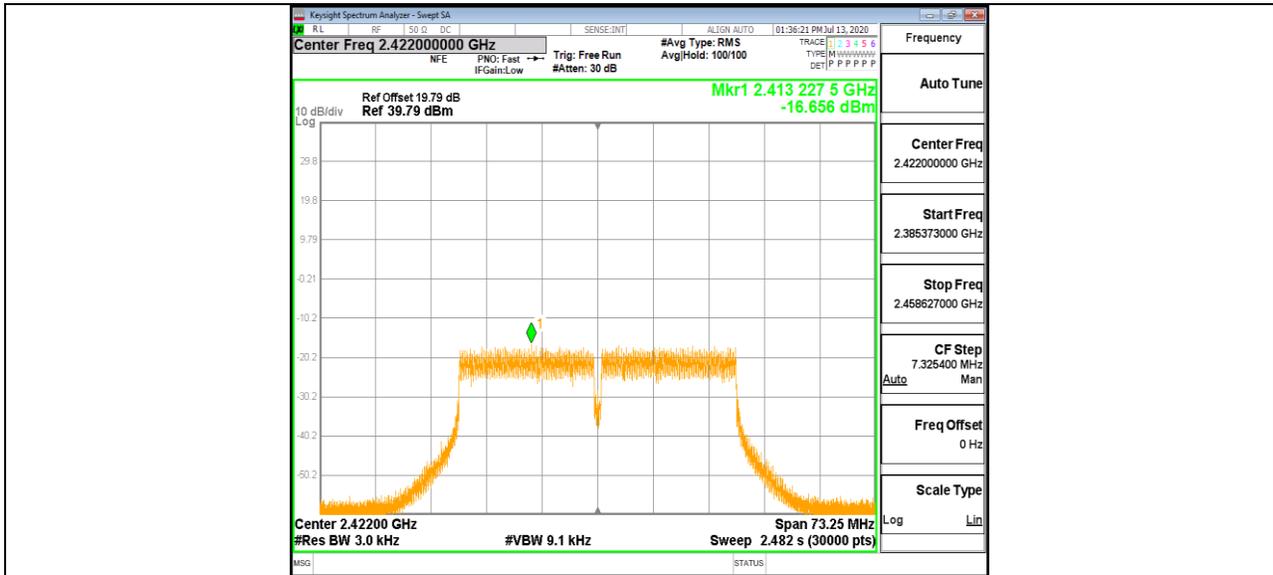
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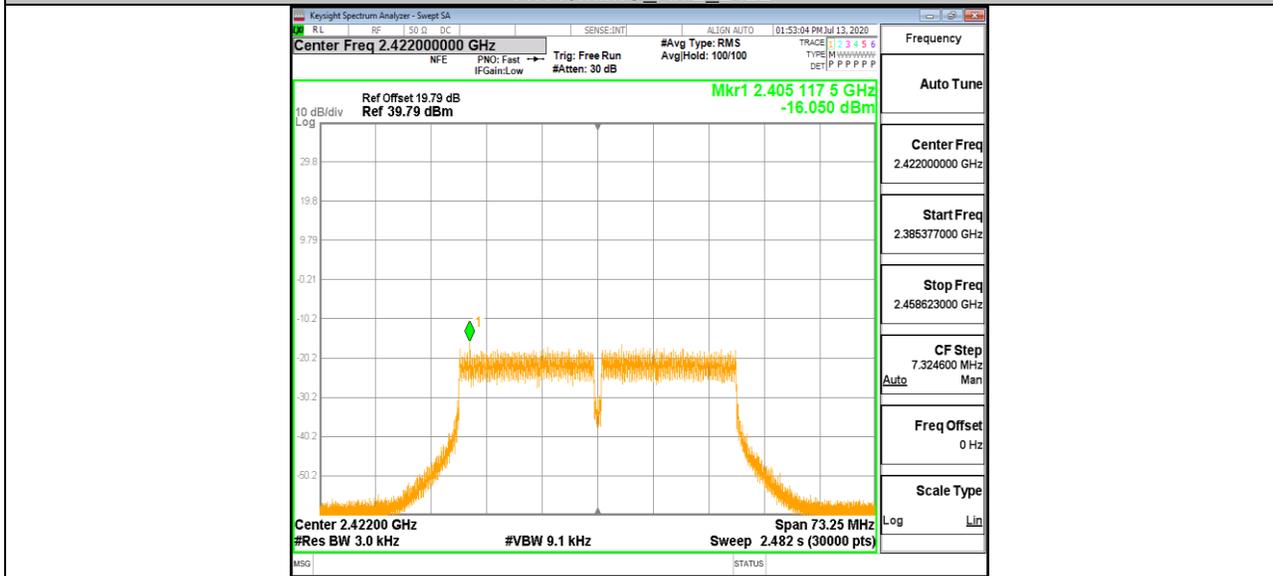
11N20MIMO\_Ant2\_2472



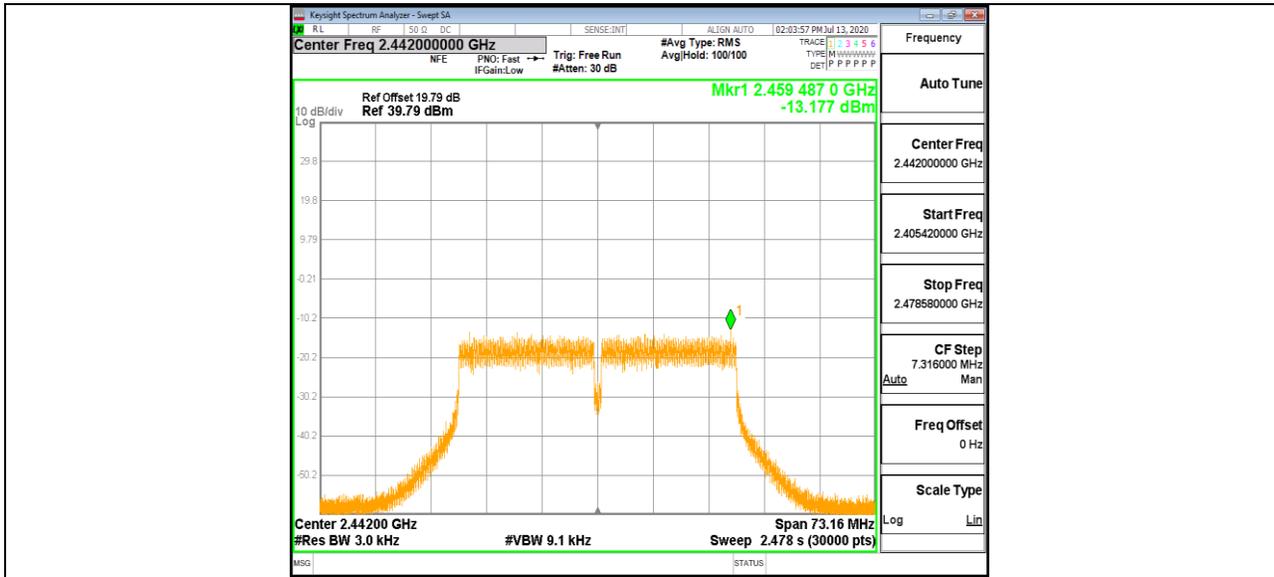
11N40MIMO\_Ant1\_2422



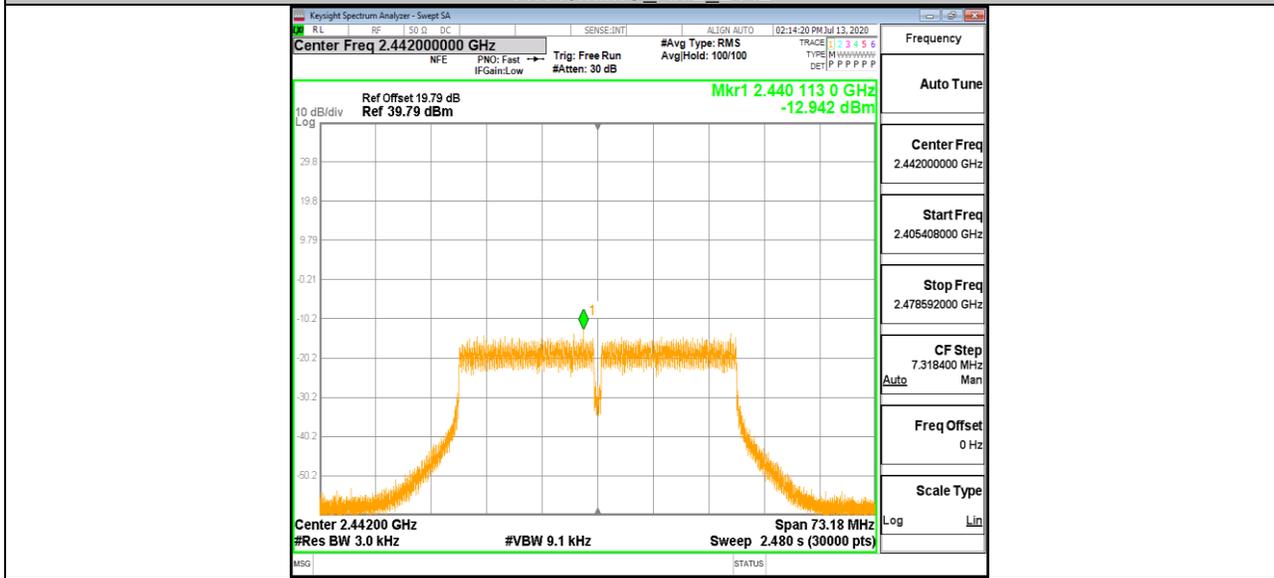
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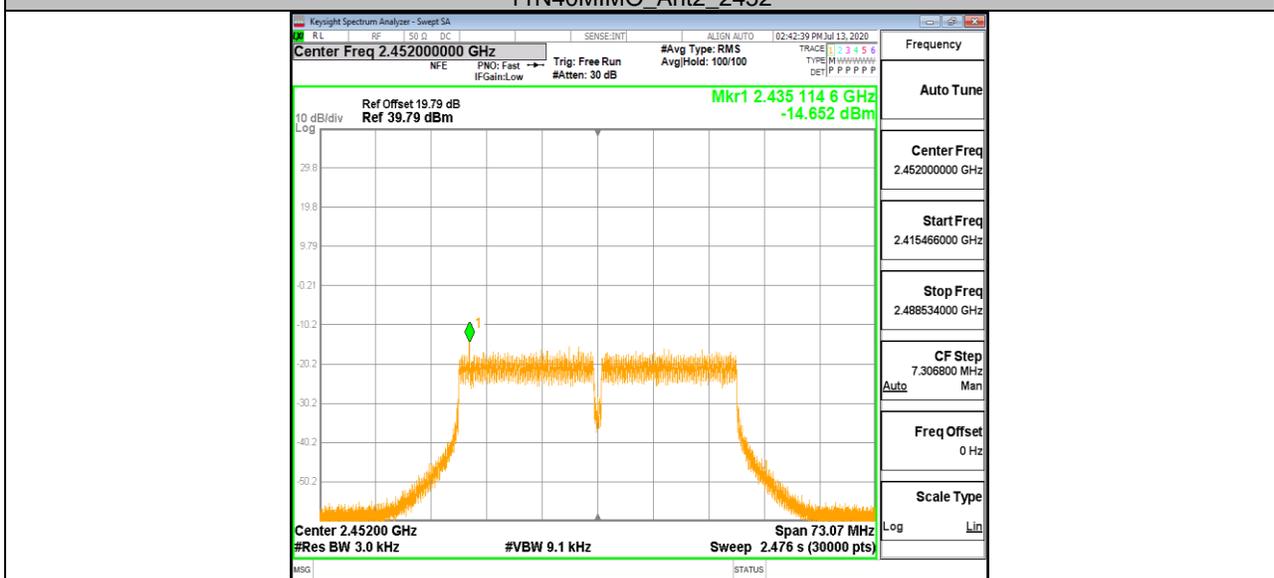
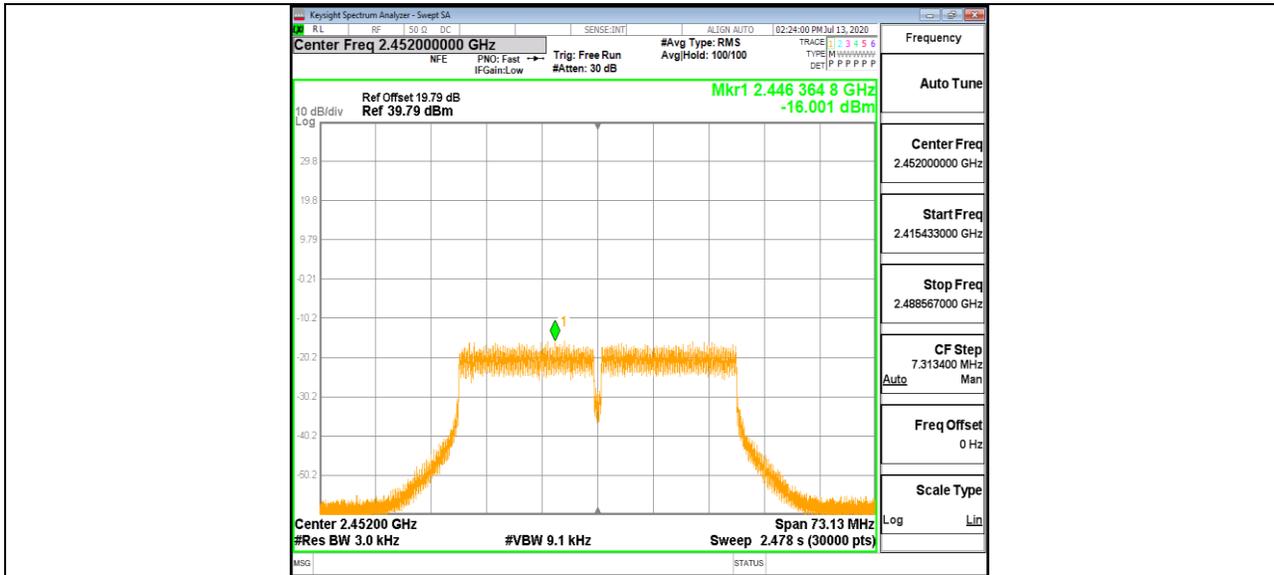
11N40MIMO\_Ant1\_2442

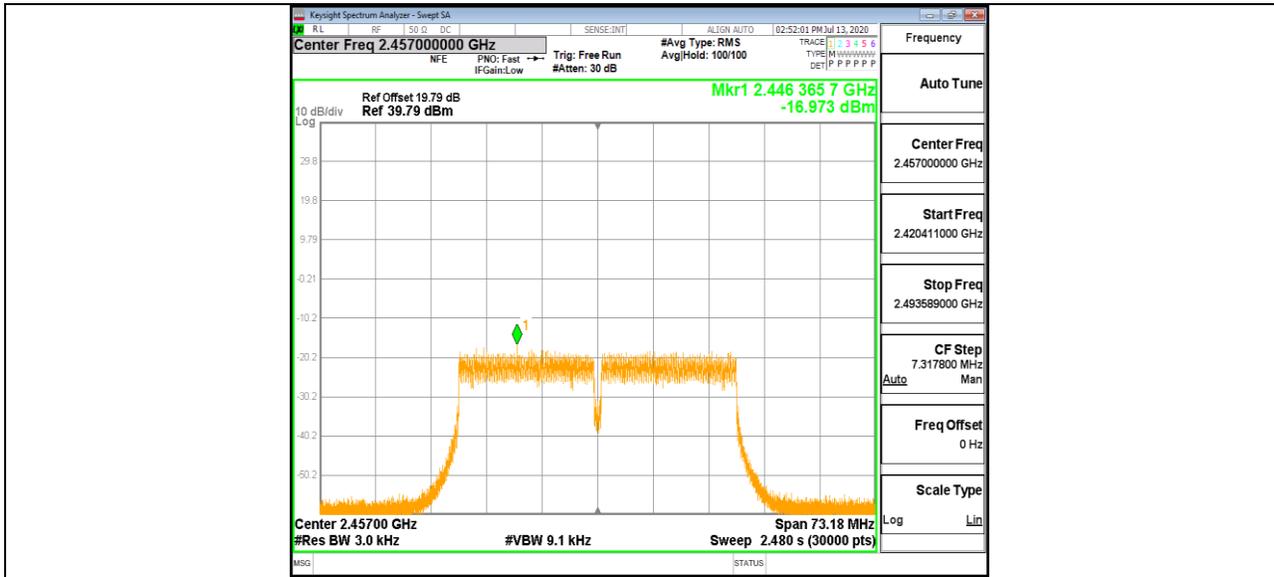


11N40MIMO\_Ant2\_2442

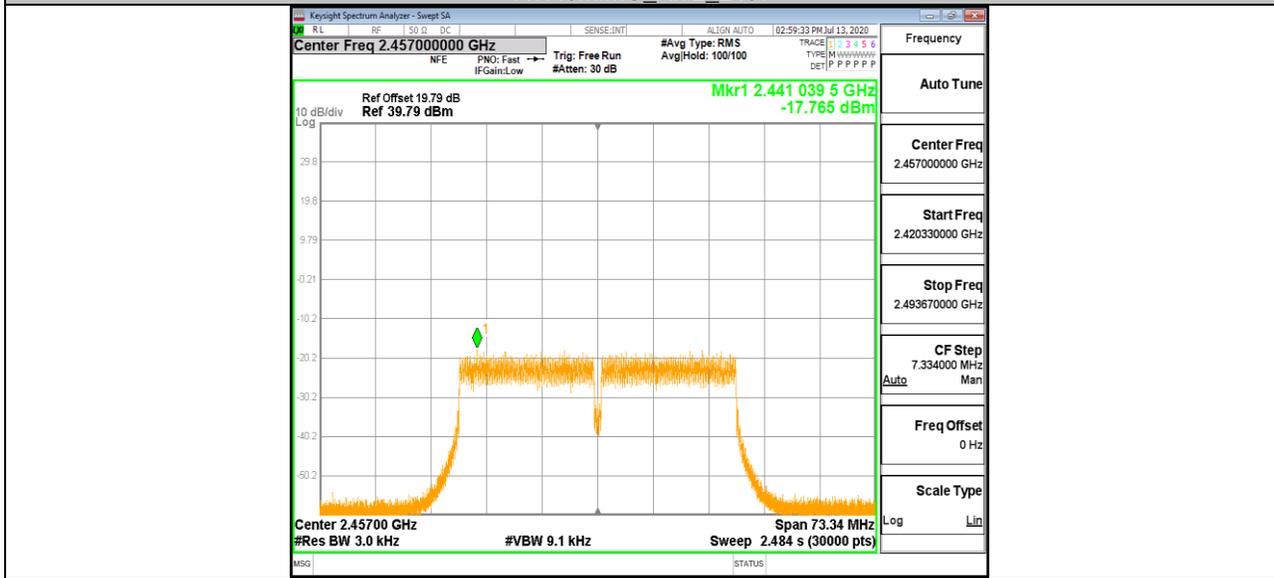


11N40MIMO\_Ant1\_2452

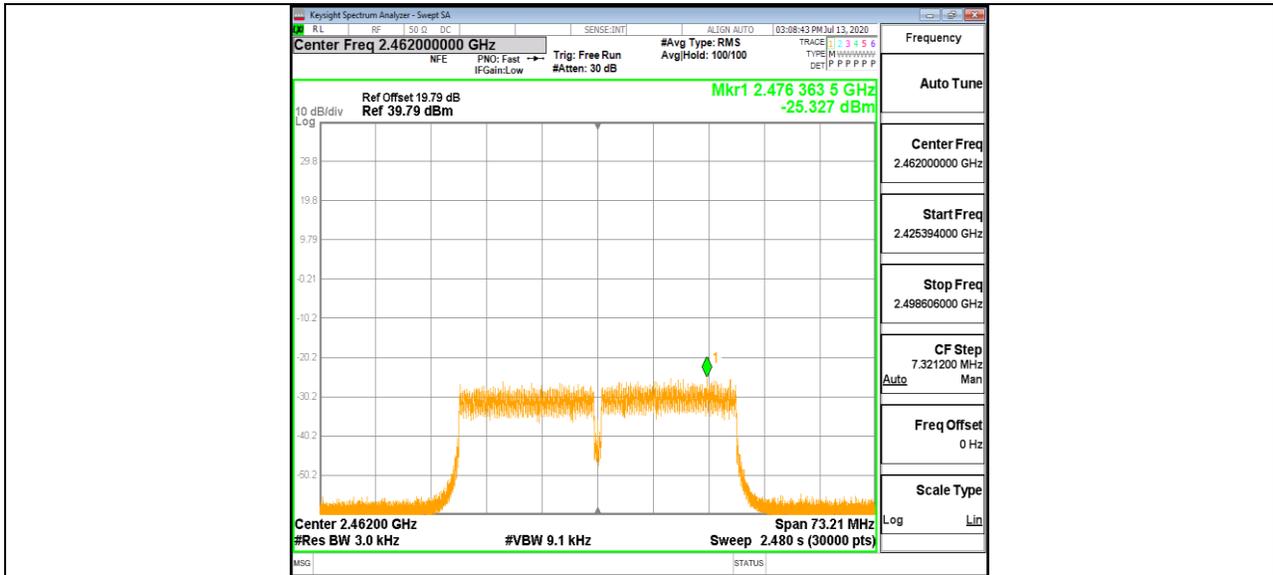




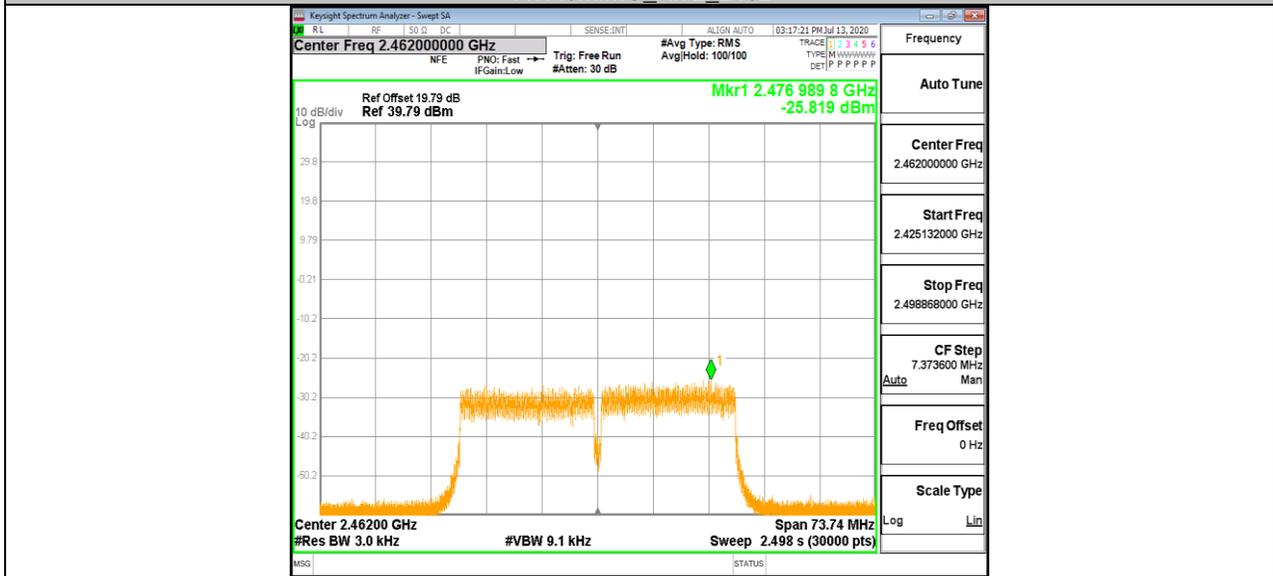
11N40MIMO\_Ant2\_2457



11N40MIMO\_Ant1\_2462



11N40MIMO\_Ant2\_2462





## Appendix E: Band Edge Measurements

### Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	6.09	-40.68	<=-23.91	PASS
		High	2462	10.41	-40.53	<=-19.59	PASS
			2467	8.05	-40.36	<=-21.95	PASS
			2472	4.81	-40.97	<=-25.19	PASS
11G	Ant2	Low	2412	5.33	-26.15	<=-24.67	PASS
		High	2462	5.13	-40.84	<=-24.87	PASS
			2467	2.25	-40.01	<=-27.75	PASS
			2472	-17.75	-50.26	<=-47.75	PASS
11N20MIMO	Ant1	Low	2412	3.63	-28.77	<=-26.37	PASS
	Ant2	Low	2412	1.34	-32.05	<=-28.66	PASS
	Ant1	High	2462	3.18	-40.53	<=-26.83	PASS
	Ant2	High	2462	2.50	-40.19	<=-27.5	PASS
	Ant1	High	2467	-0.02	-40.61	<=-30.02	PASS
	Ant2	High	2467	-0.23	-40.11	<=-30.23	PASS
	Ant1	High	2472	-17.19	-51.95	<=-47.19	PASS
	Ant2	High	2472	-18.09	-52.91	<=-48.09	PASS
11N40MIMO	Ant1	Low	2422	-1.12	-31.57	<=-31.12	PASS
	Ant2	Low	2422	-1.47	-31.72	<=-31.47	PASS
	Ant1	High	2452	-1.78	-39.77	<=-31.78	PASS
	Ant2	High	2452	-2.45	-40.55	<=-32.45	PASS
	Ant1	High	2457	-4.06	-40.03	<=-34.06	PASS
	Ant2	High	2457	-4.43	-39.6	<=-34.43	PASS
	Ant1	High	2462	-11.98	-43.26	<=-41.98	PASS
	Ant2	High	2462	-12.12	-46.42	<=-42.12	PASS

Note: For 802.11b & g mode, both the two antennas had been tested, but only the worst data was recorded in the report.