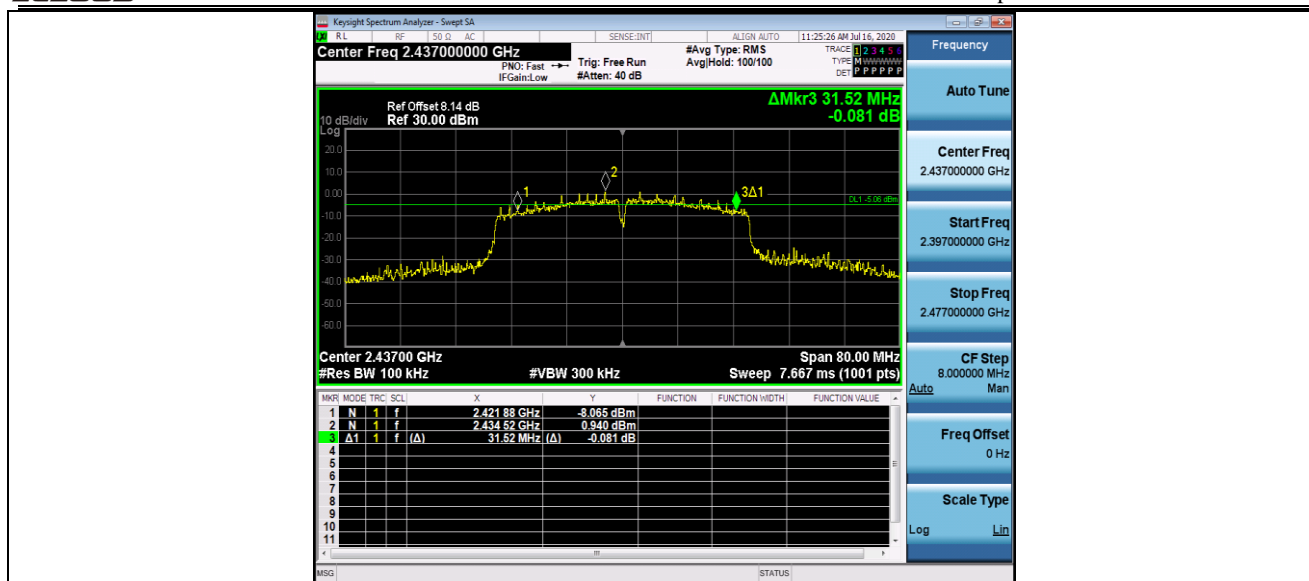


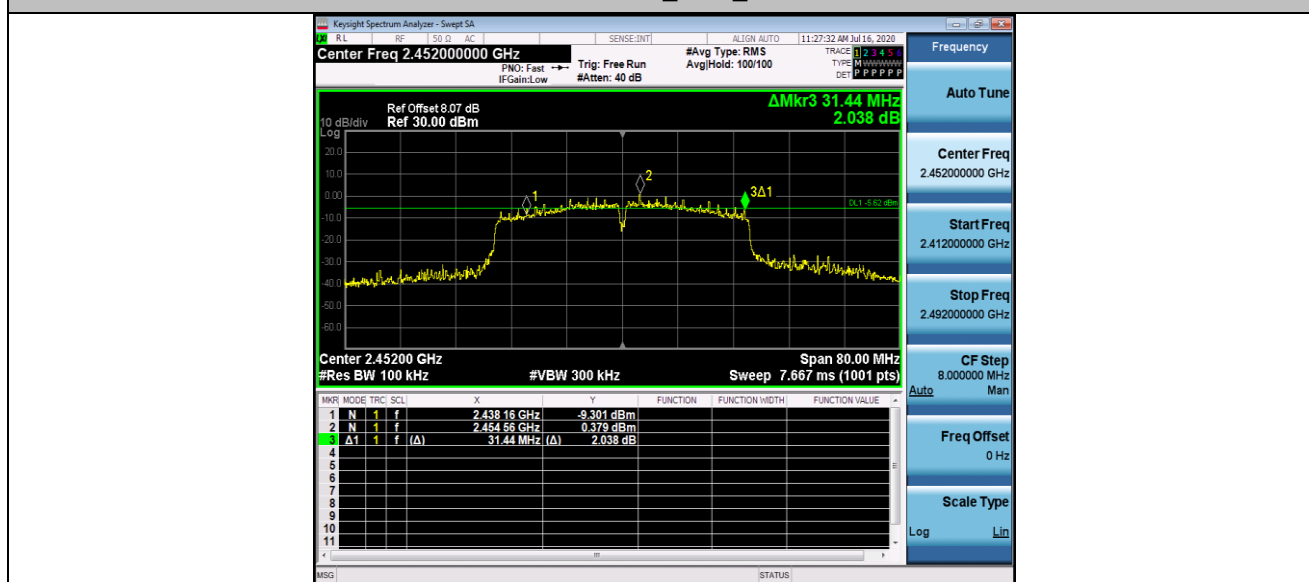
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix B: Occupied Channel Bandwidth

### Test Result

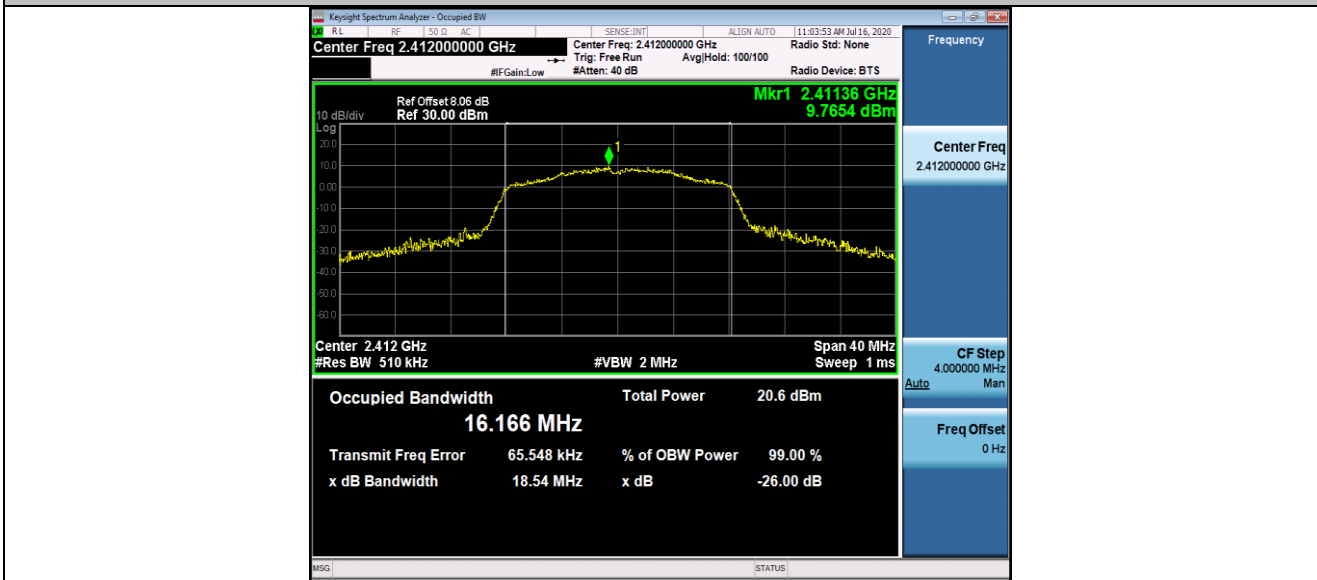
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.106	2404.507	2419.613	---	PASS
		2437	14.968	2429.582	2444.550	---	PASS
		2462	14.860	2454.642	2469.502	---	PASS
11G	Ant1	2412	16.166	2403.983	2420.149	---	PASS
		2437	16.253	2428.979	2445.232	---	PASS
		2462	16.131	2454.029	2470.160	---	PASS
11N20SISO	Ant1	2412	16.905	2403.621	2420.526	---	PASS
		2437	16.924	2428.616	2445.540	---	PASS
		2462	16.862	2453.625	2470.487	---	PASS
11N40SISO	Ant1	2422	35.725	2404.259	2439.984	---	PASS
		2437	35.644	2419.342	2454.986	---	PASS
		2452	35.611	2434.322	2469.933	---	PASS

## Test Graphs





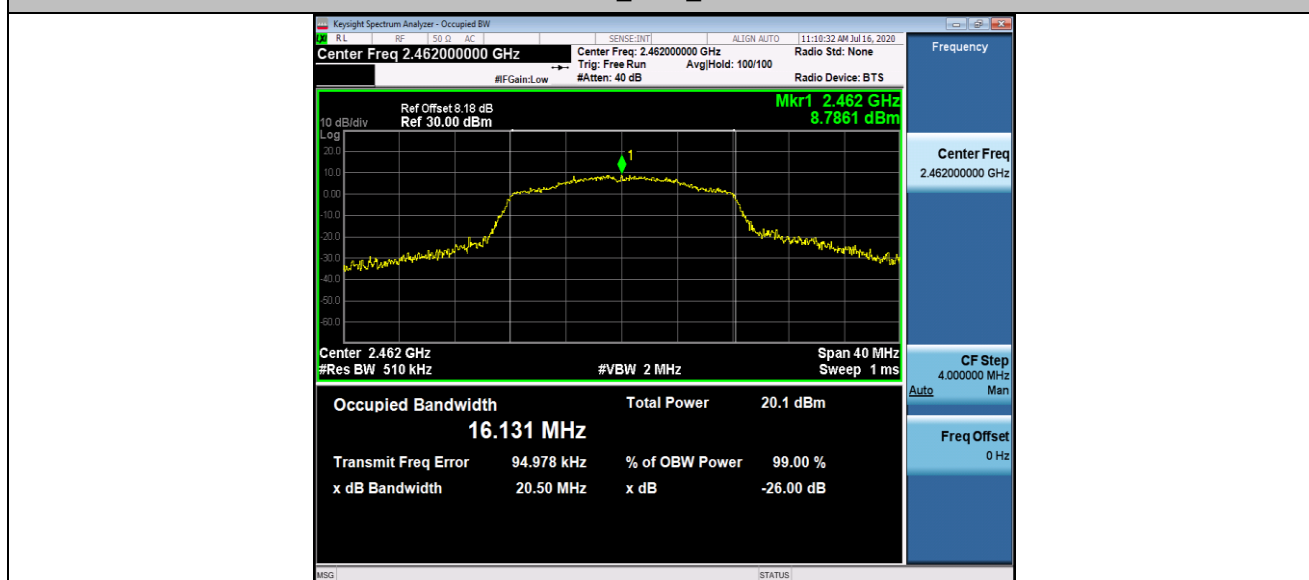
11G\_Ant1\_2412



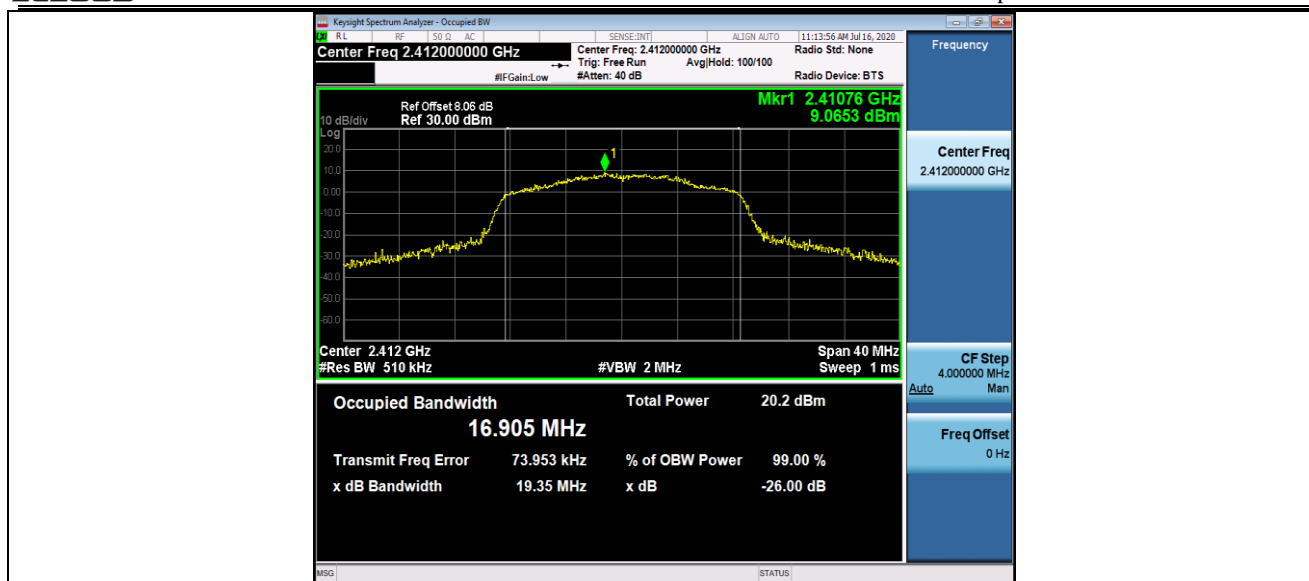
11G\_Ant1\_2437



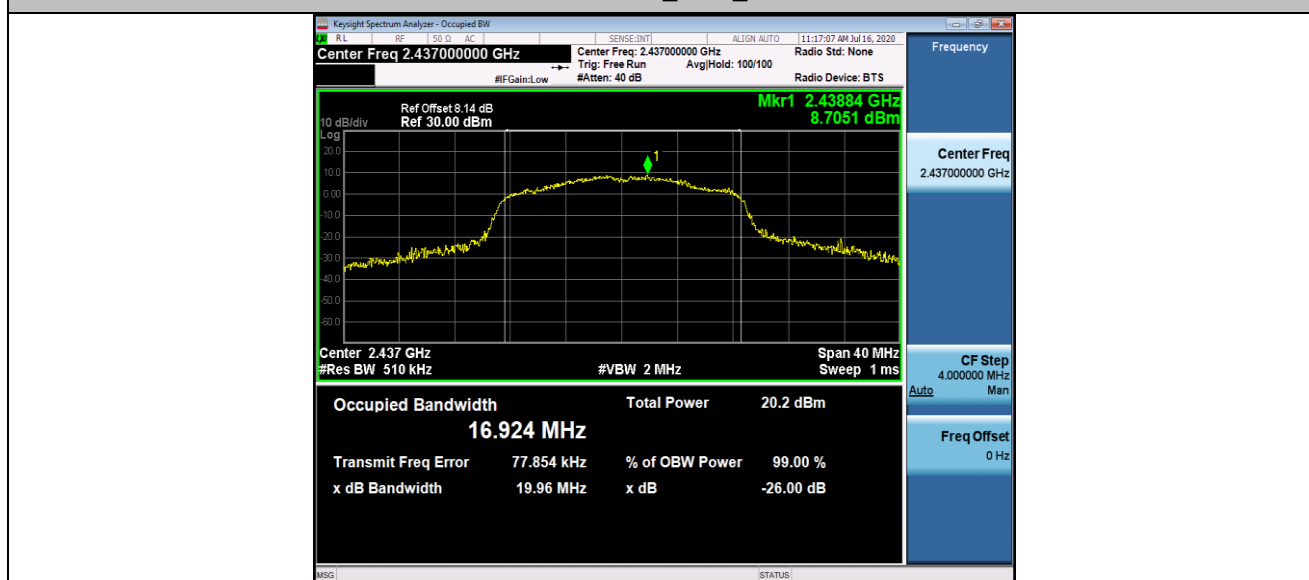
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



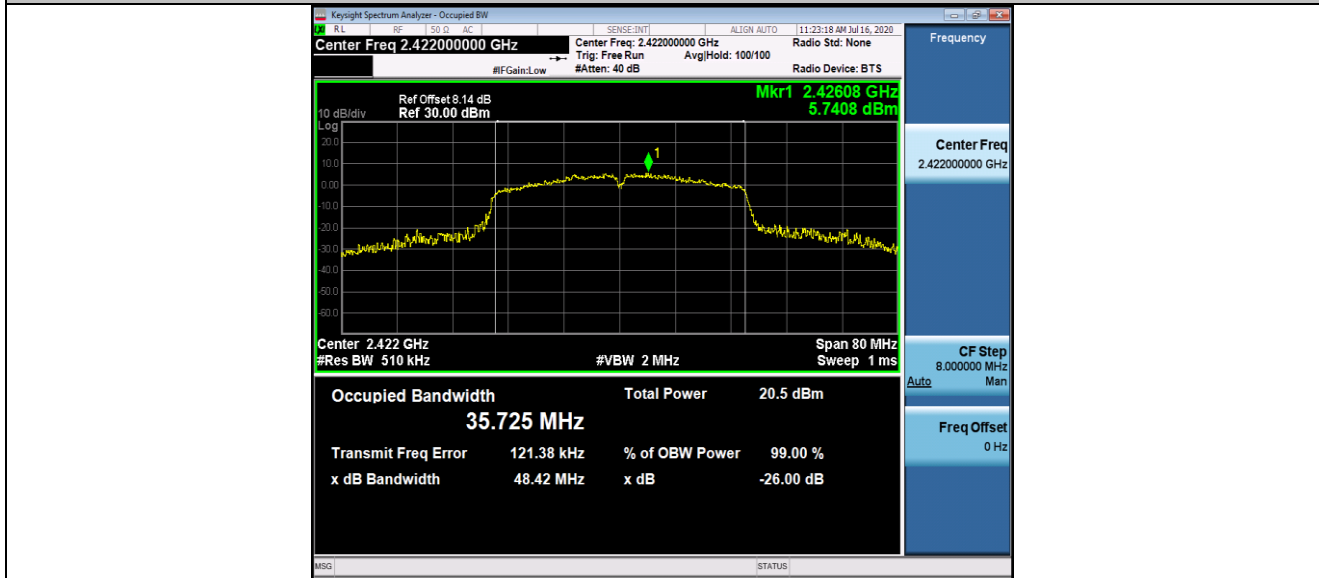
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422

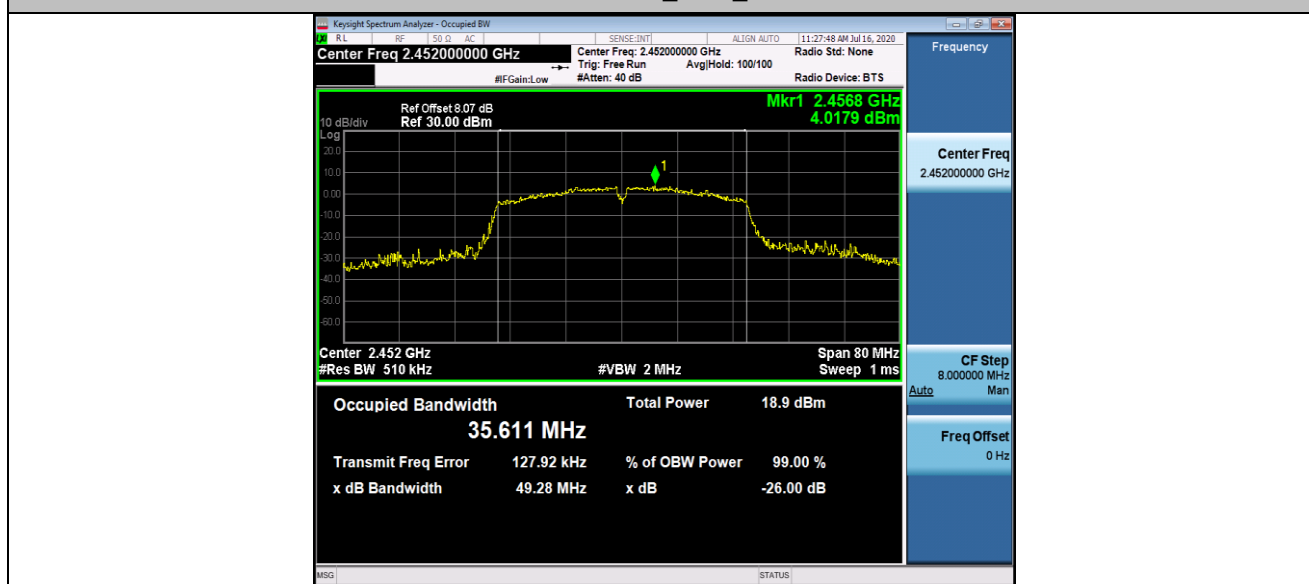


11N40SISO\_Ant1\_2437





11N40SISO\_Ant1\_2452

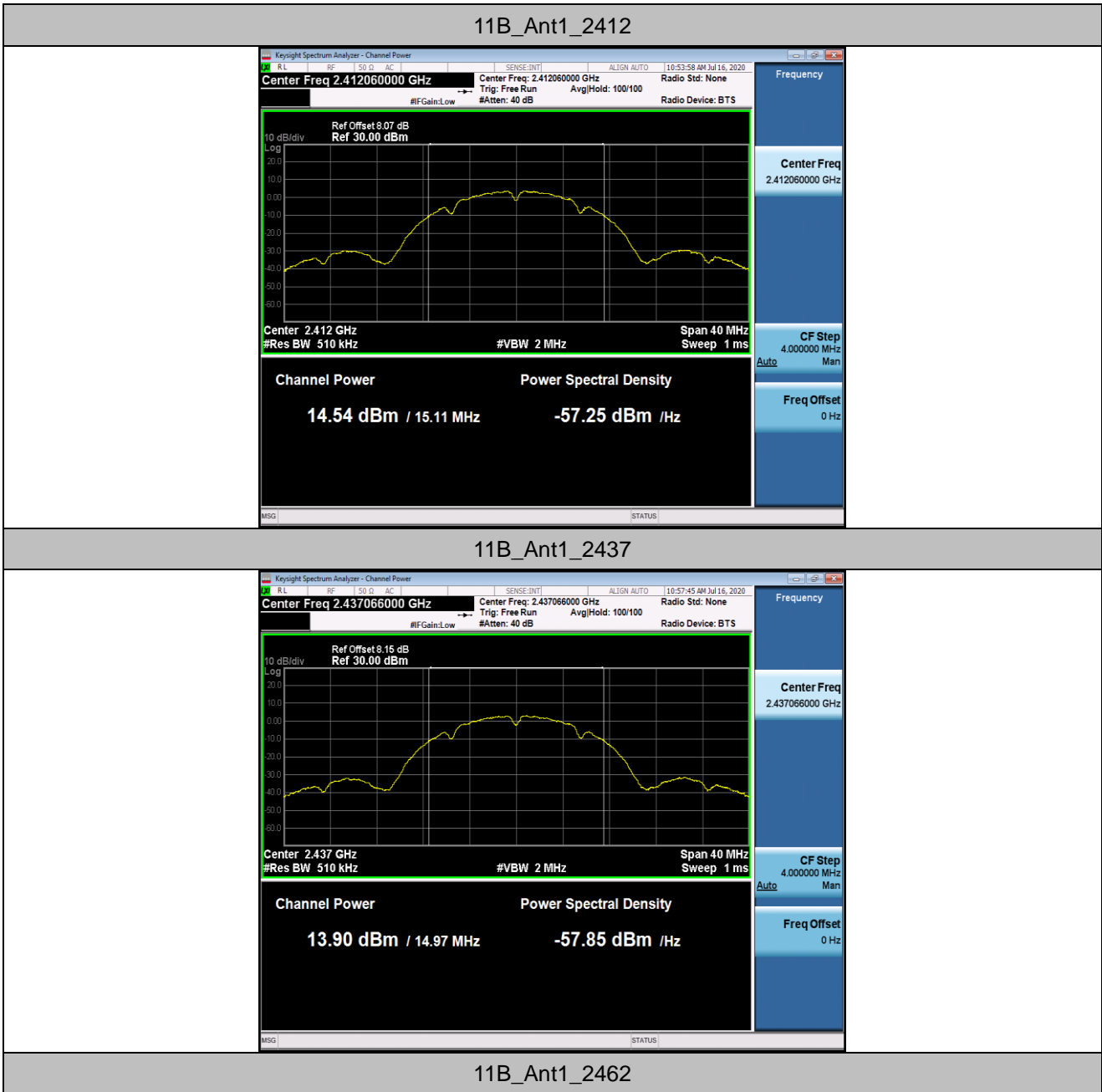


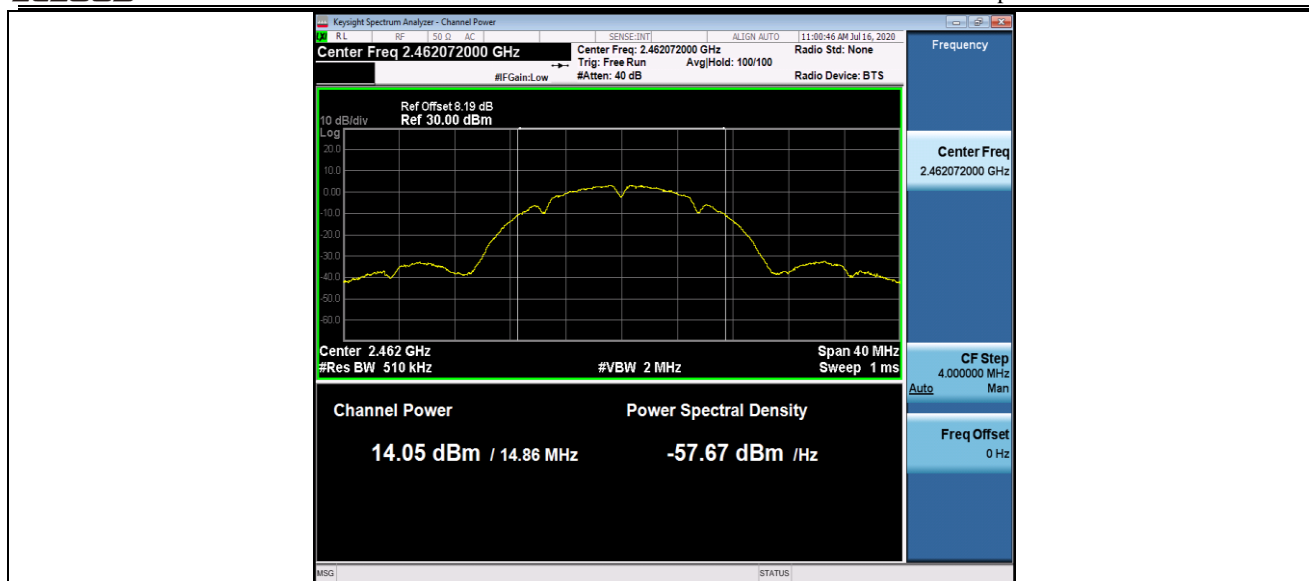
## Appendix C: Maximum conducted output power

### Test Result

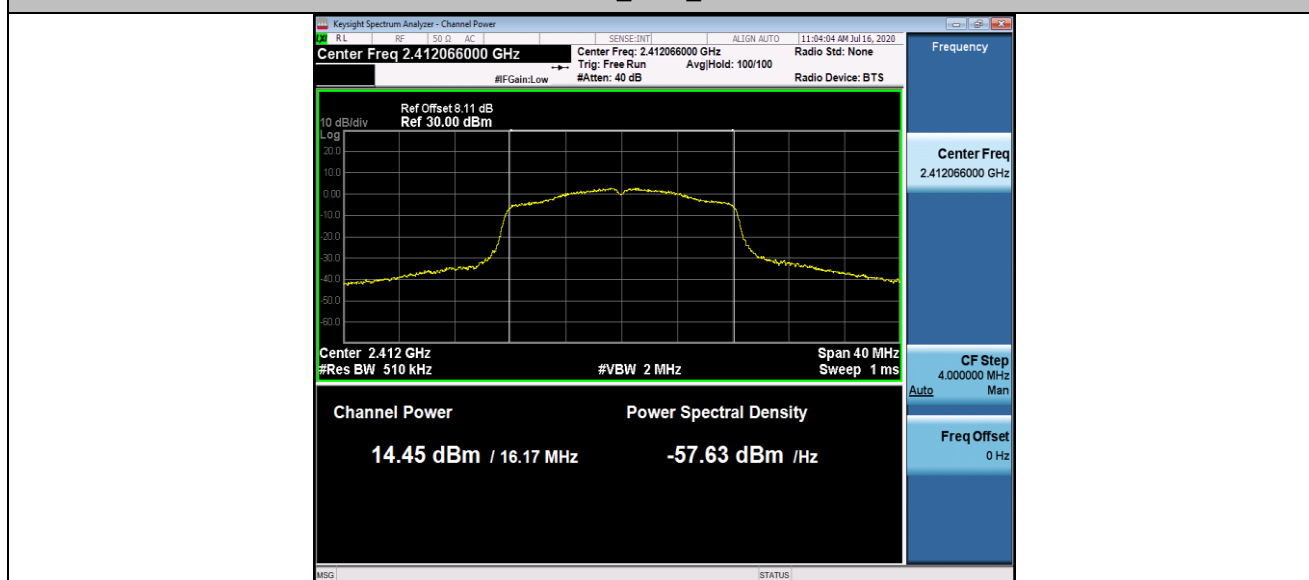
TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.54	17.54	<=30	PASS
		2437	13.9	16.9	<=30	PASS
		2462	14.05	17.05	<=30	PASS
11G	Ant1	2412	14.45	17.45	<=30	PASS
		2437	15.35	18.35	<=30	PASS
		2462	13.94	16.94	<=30	PASS
11N20SISO	Ant1	2412	14.01	17.01	<=30	PASS
		2437	14.02	17.02	<=30	PASS
		2462	12.33	15.33	<=30	PASS
11N40SISO	Ant1	2422	14.26	17.26	<=30	PASS
		2437	13.56	16.56	<=30	PASS
		2452	12.73	15.73	<=30	PASS

### Test Graphs

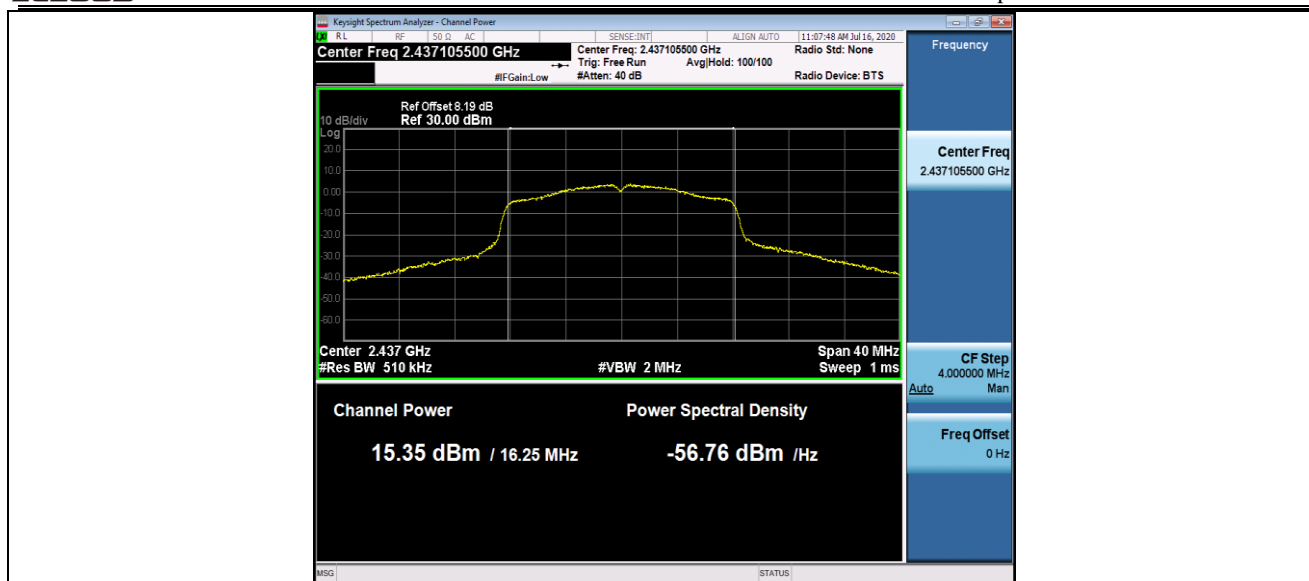




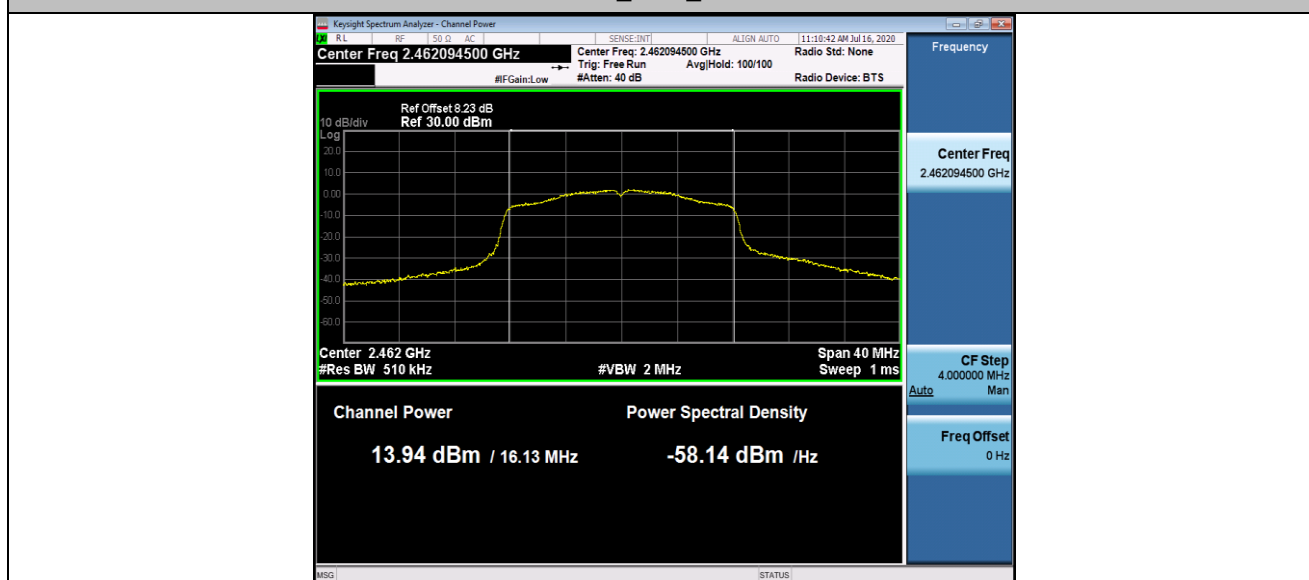
11G\_Ant1\_2412



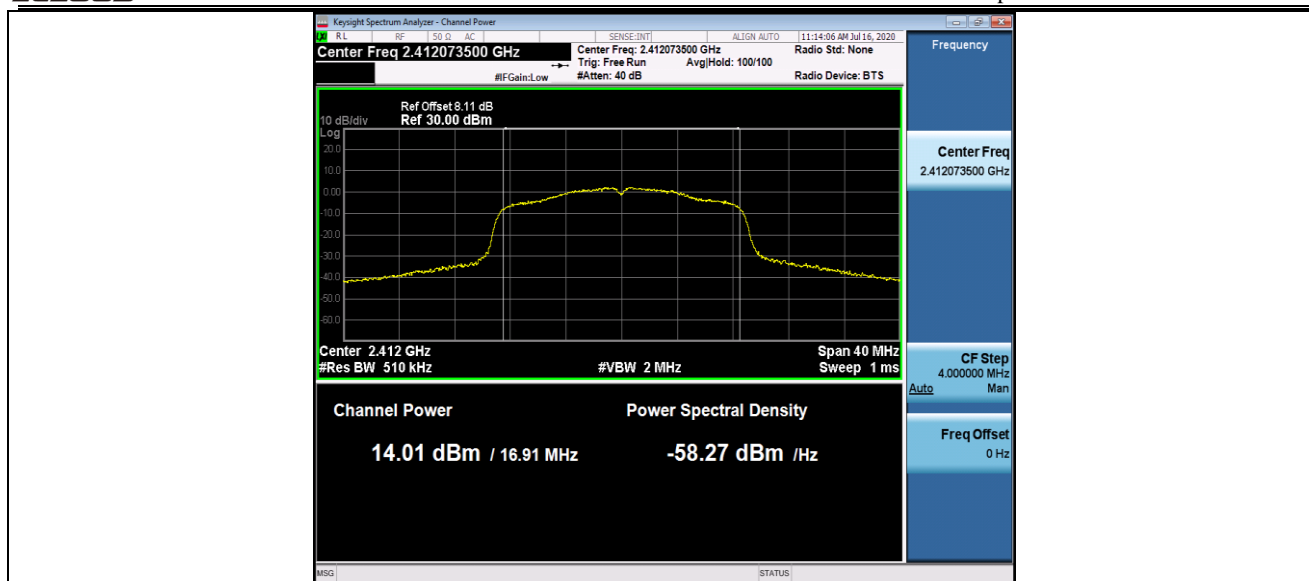
11G\_Ant1\_2437



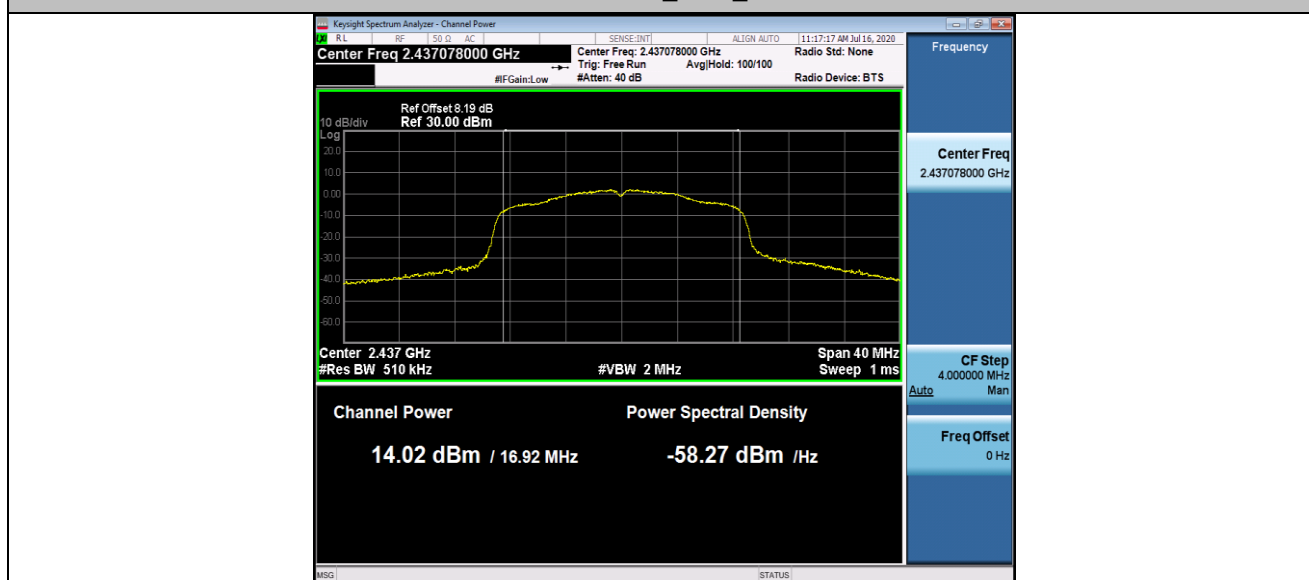
11G\_Ant1\_2462



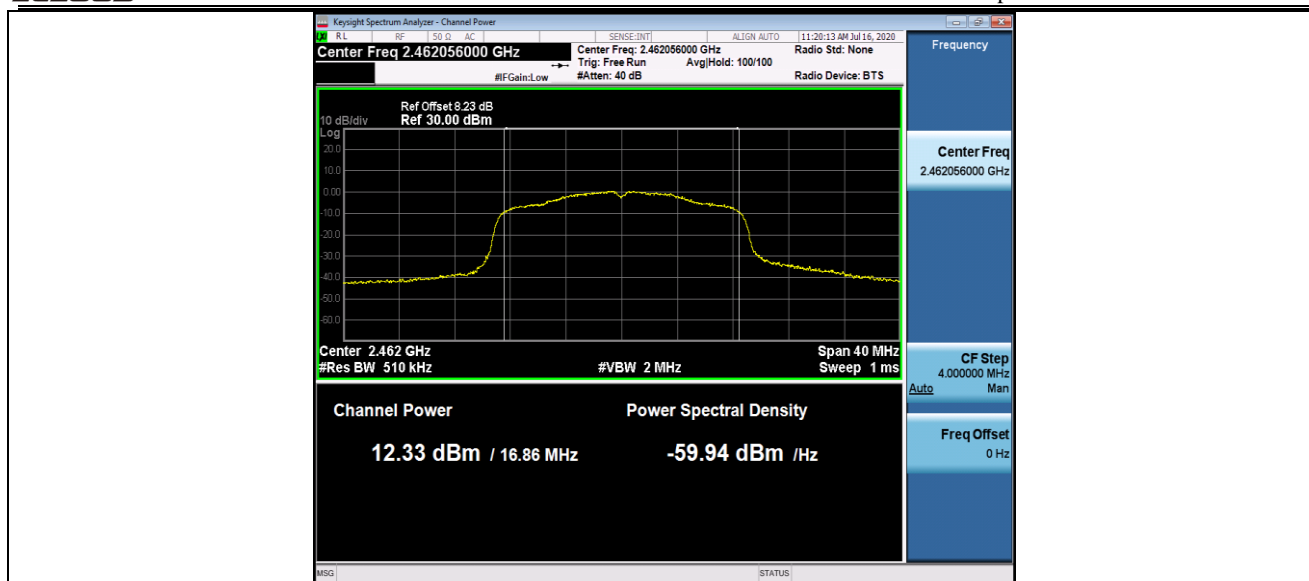
11N20SISO\_Ant1\_2412



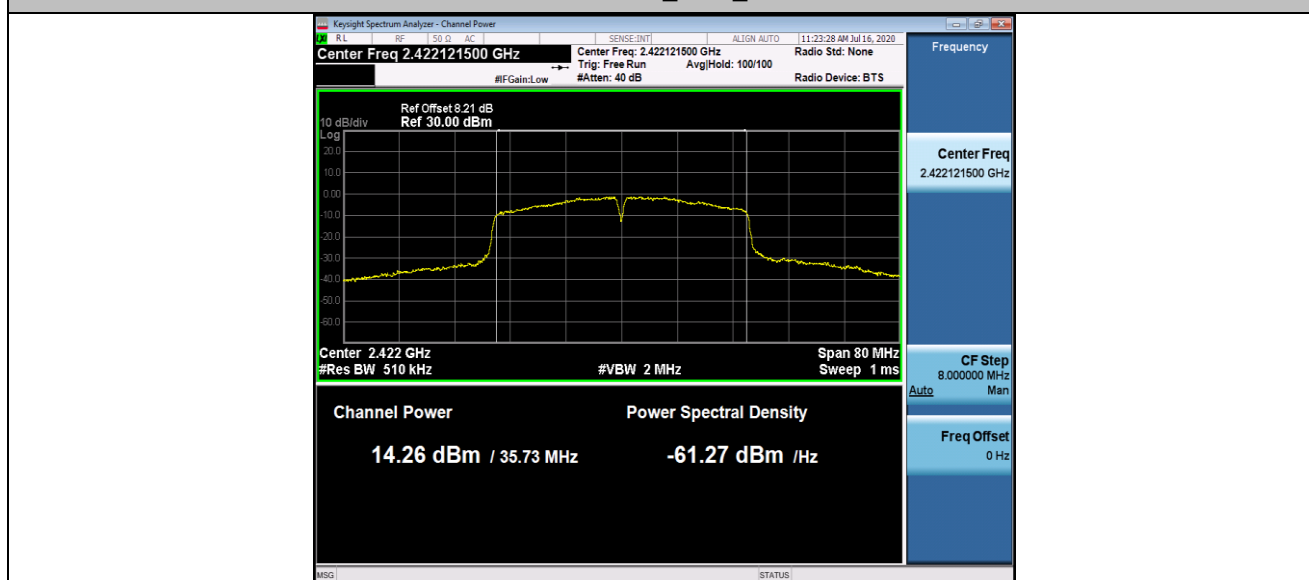
11N20SISO\_Ant1\_2437



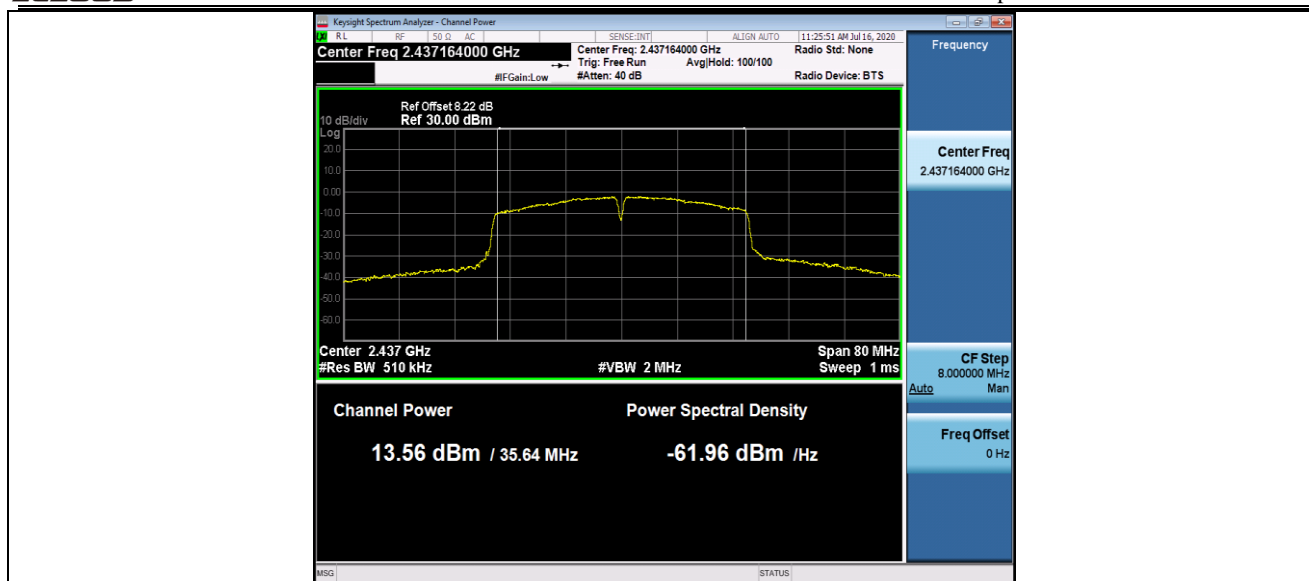
11N20SISO\_Ant1\_2462



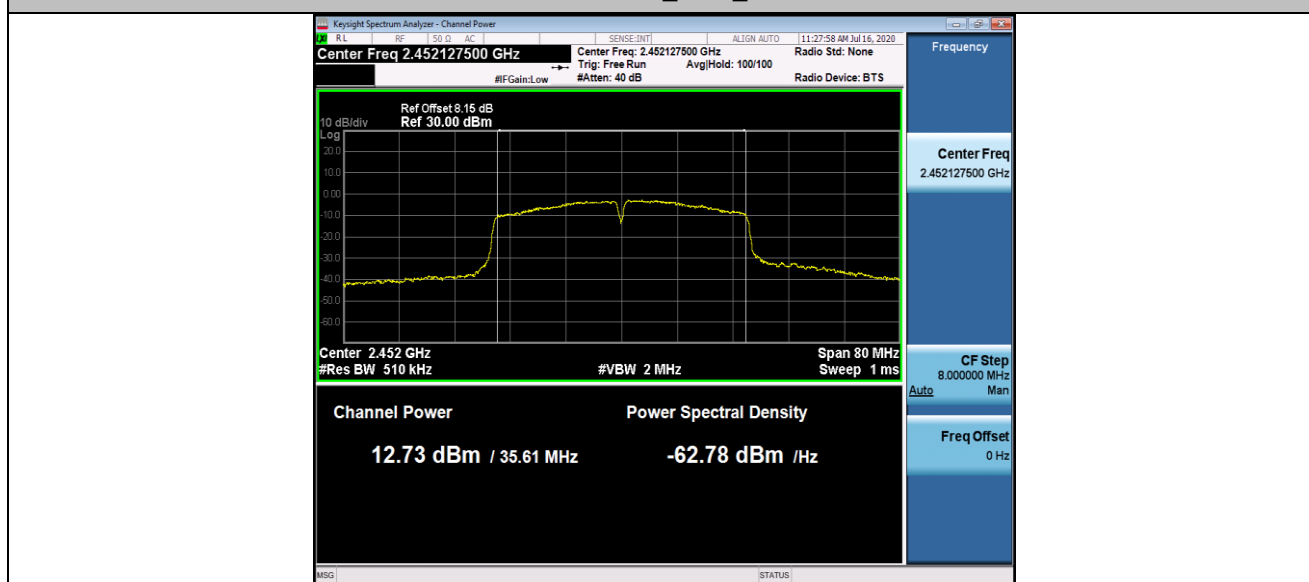
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



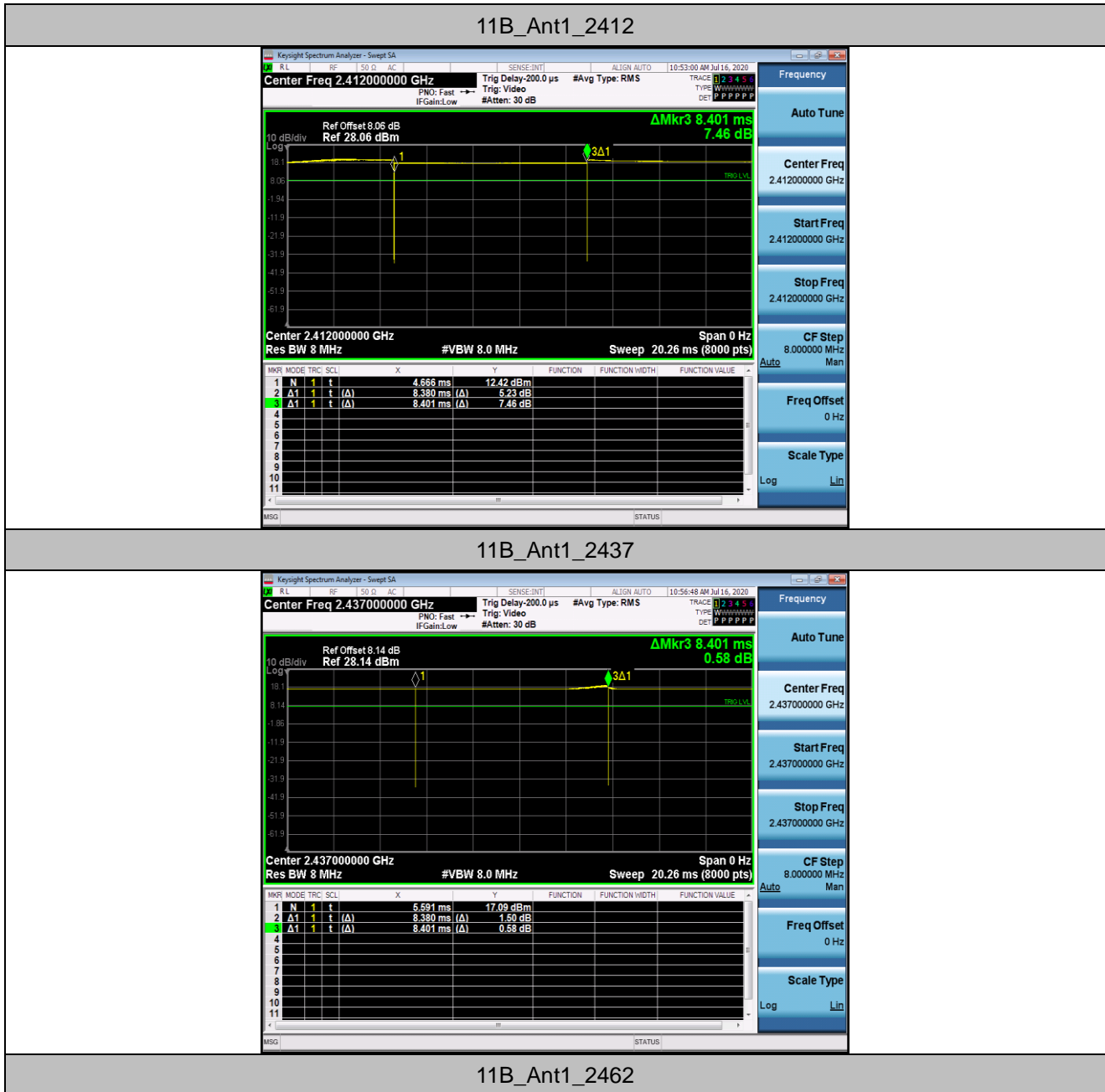


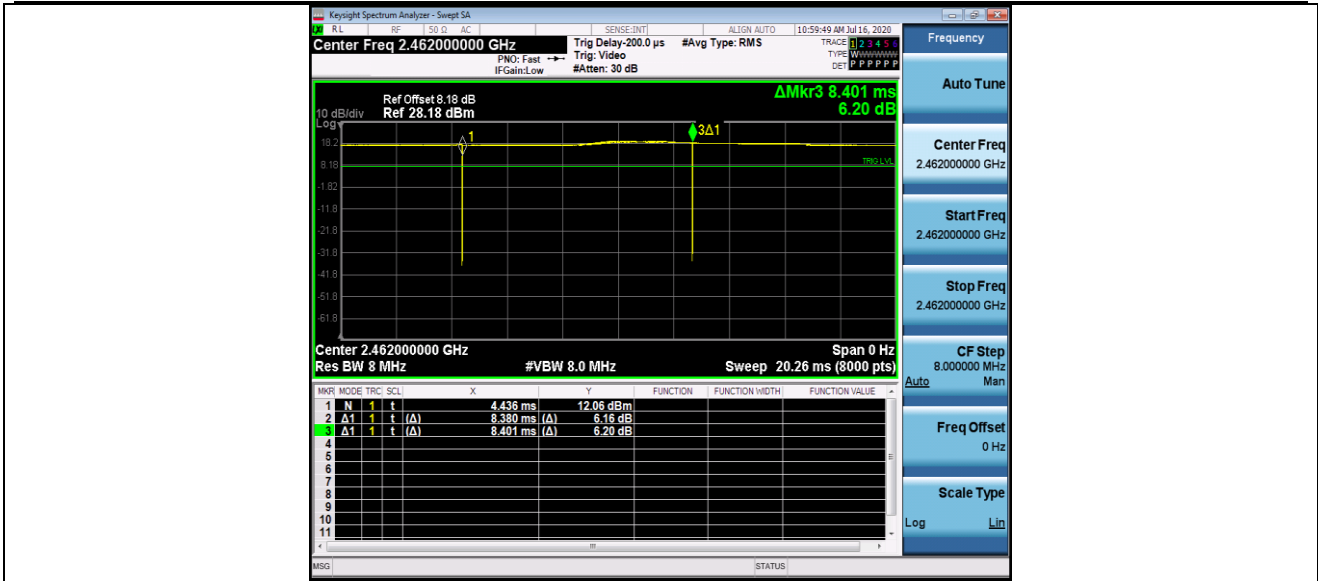
## Appendix D: Duty Cycle

### Test Result

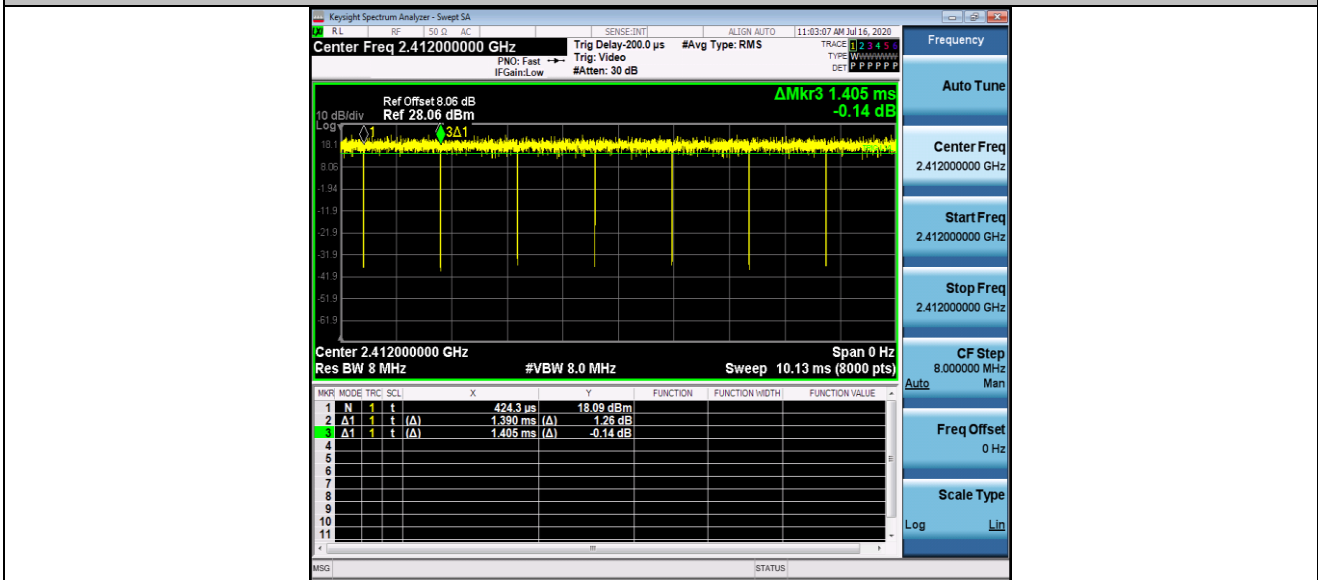
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.76
		2437	8.38	8.40	99.76
		2462	8.38	8.40	99.76
11G	Ant1	2412	1.39	1.40	98.92
		2437	1.39	1.40	98.92
		2462	1.39	1.41	98.83
11N20SISO	Ant1	2412	1.30	1.31	98.75
		2437	1.30	1.31	98.84
		2462	1.30	1.31	98.75
11N40SISO	Ant1	2422	0.65	0.66	98.46
		2437	0.64	0.66	98.26
		2452	0.64	0.66	98.26

## Test Graphs

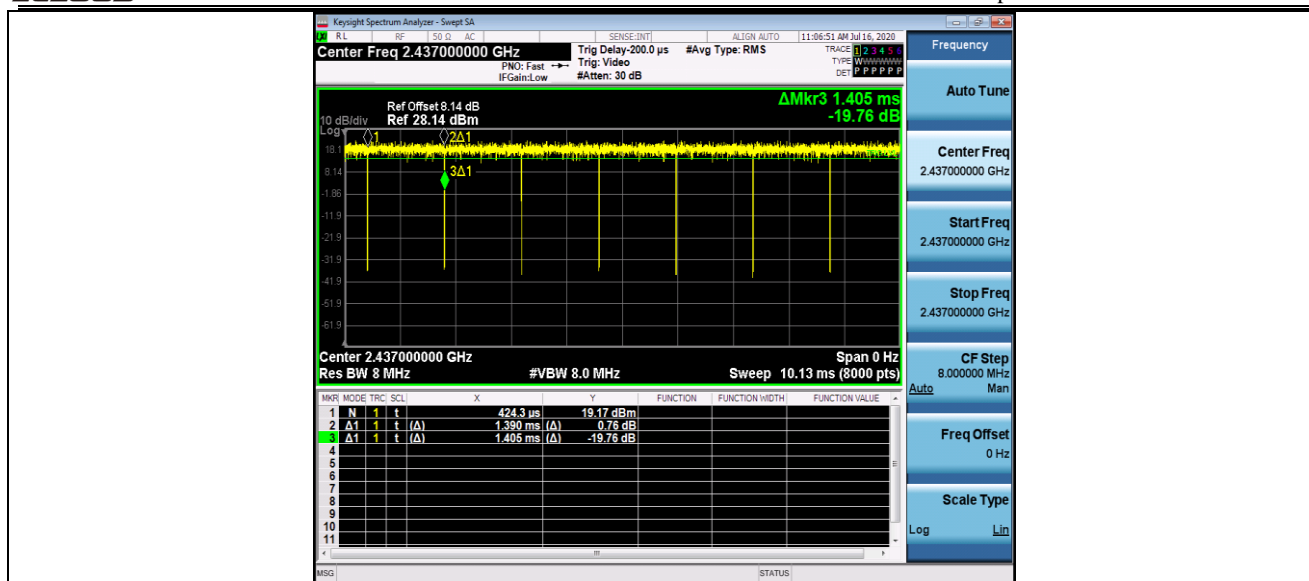




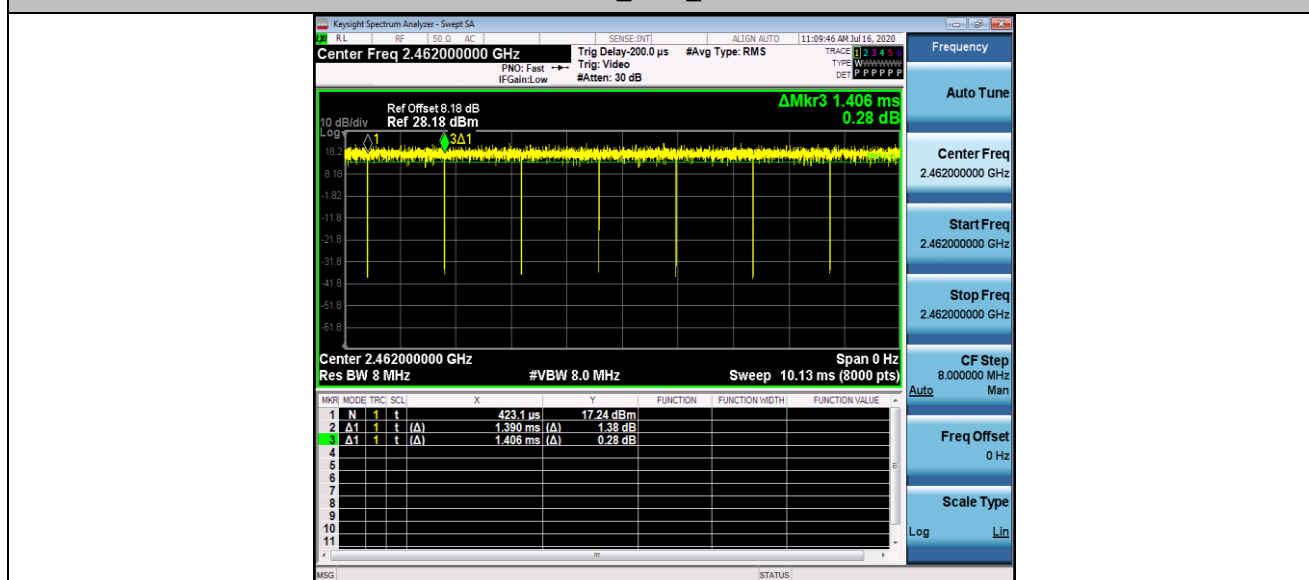
11G\_Ant1\_2412



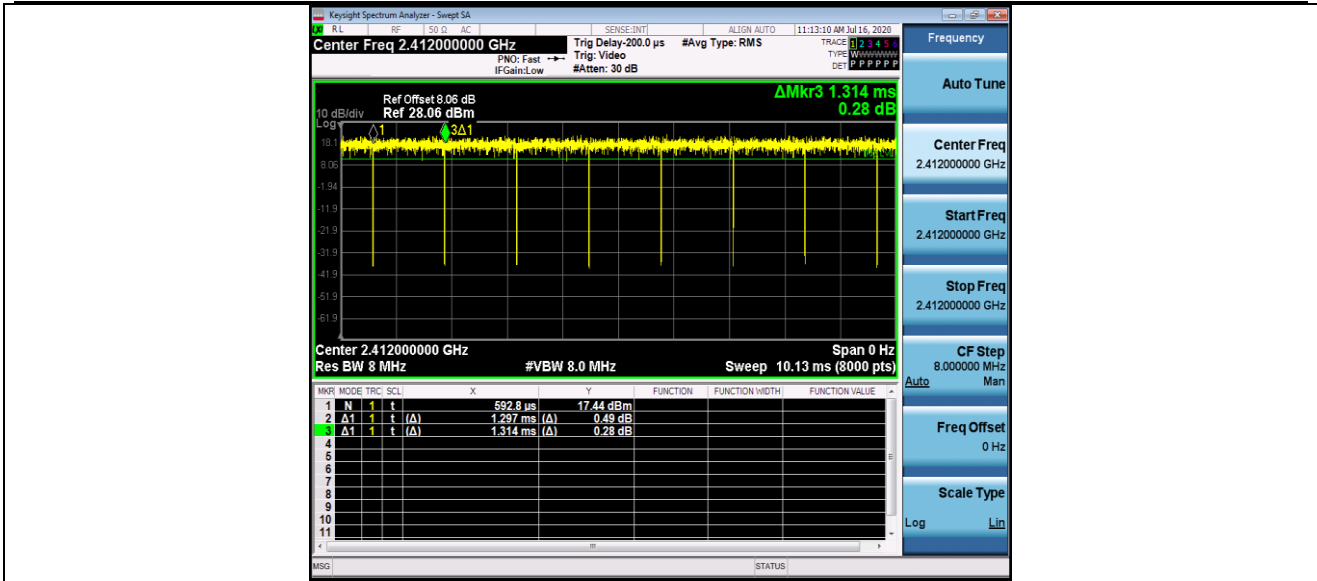
11G\_Ant1\_2437



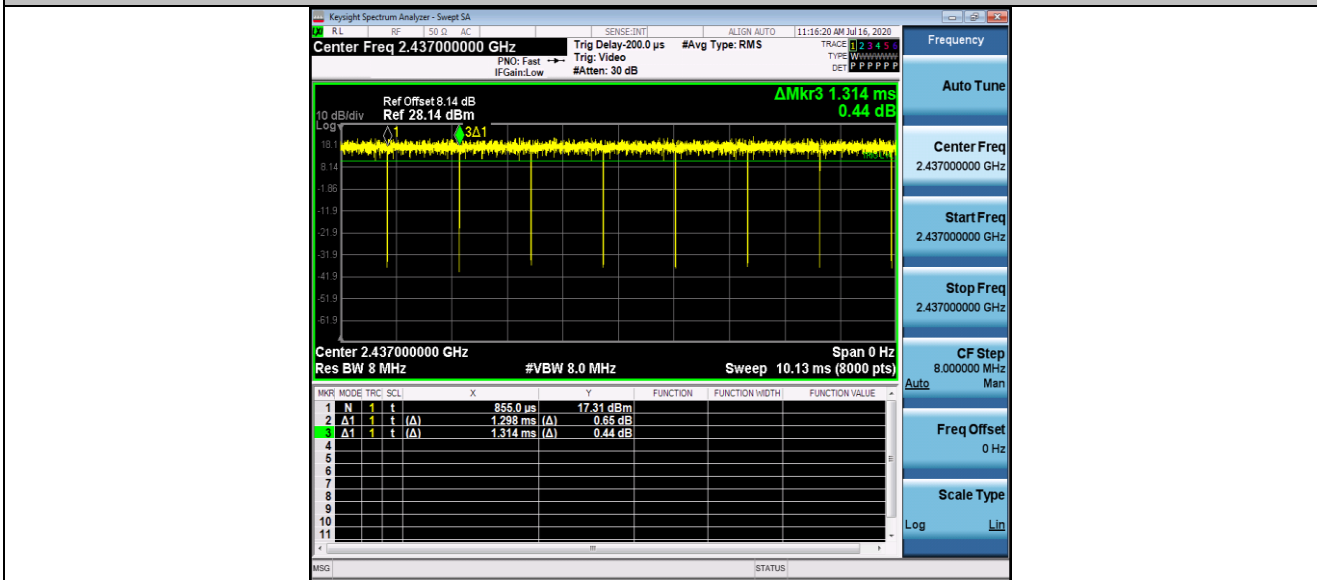
11G\_Ant1\_2462



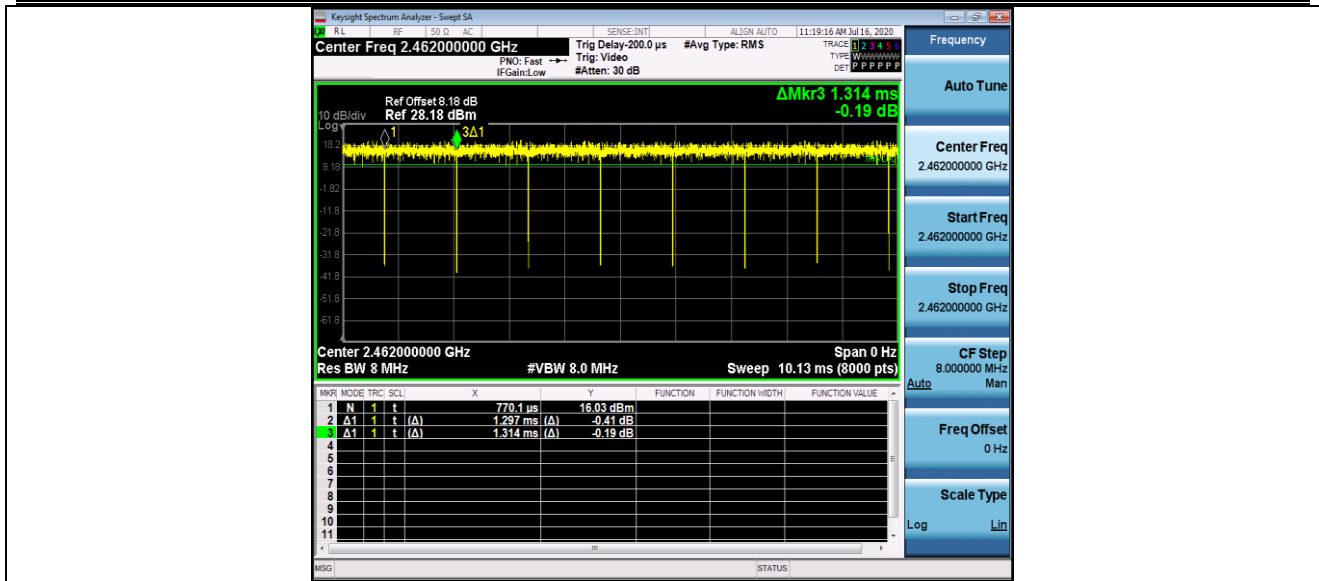
11N20SISO\_Ant1\_2412



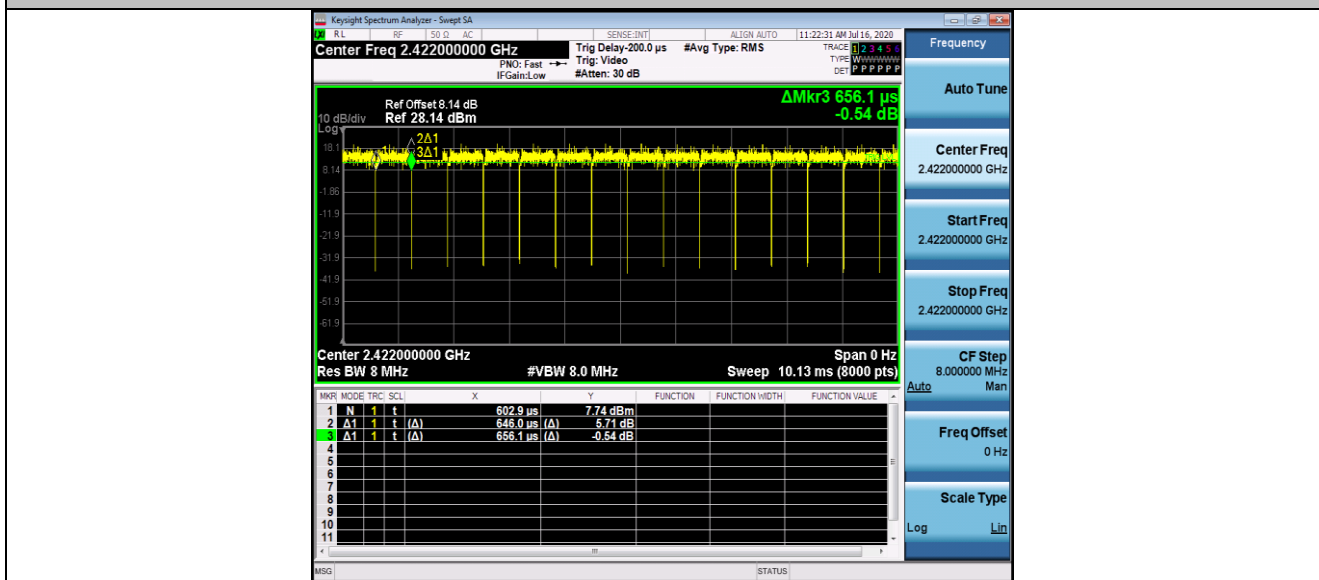
11N20SISO\_Ant1\_2437



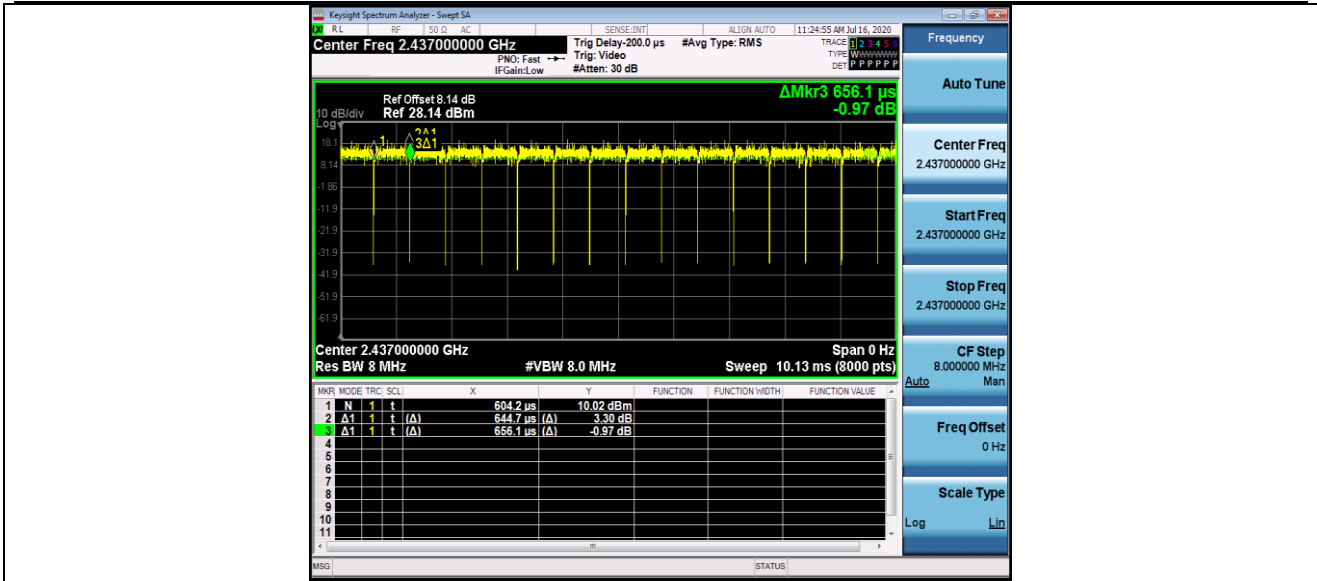
11N20SISO\_Ant1\_2462



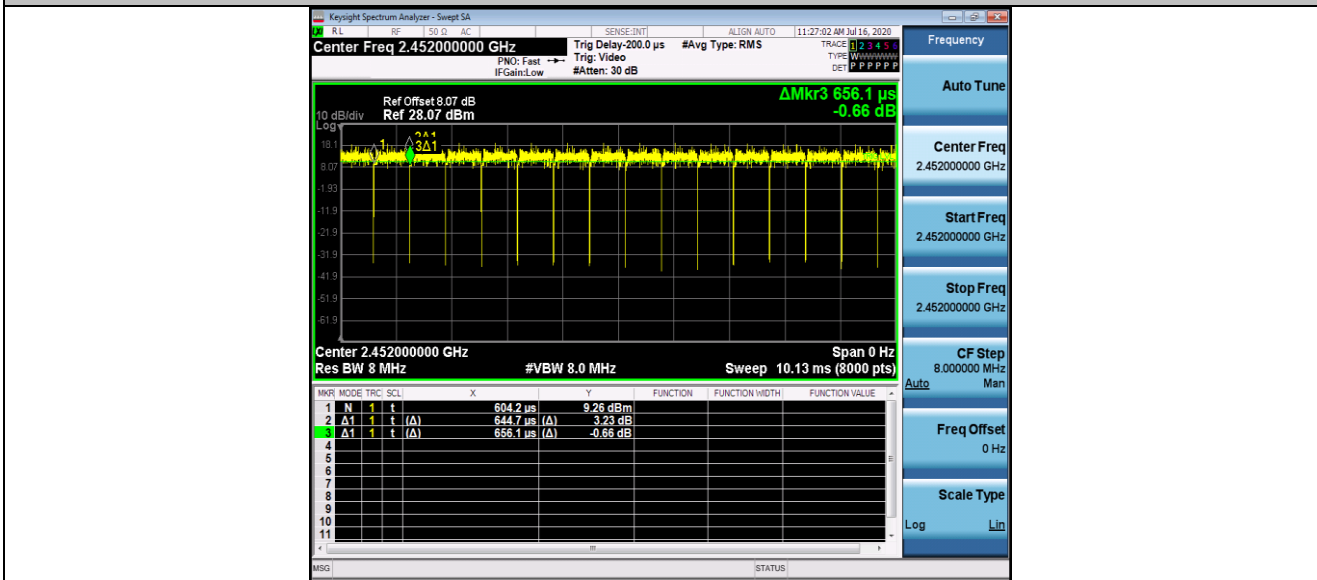
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix E: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-7.37	-17.37	<=8	PASS
		2437	-7.73	-17.73	<=8	PASS
		2462	-7.63	-17.63	<=8	PASS
11G	Ant1	2412	-7.08	-17.08	<=8	PASS
		2437	-6.39	-16.39	<=8	PASS
		2462	-7.26	-17.26	<=8	PASS
11N20SISO	Ant1	2412	-8.09	-18.09	<=8	PASS
		2437	-7.6	-17.6	<=8	PASS
		2462	-9.79	-19.79	<=8	PASS
11N40SISO	Ant1	2422	-9.55	-19.55	<=8	PASS
		2437	-10.37	-20.37	<=8	PASS
		2452	-11.56	-21.56	<=8	PASS

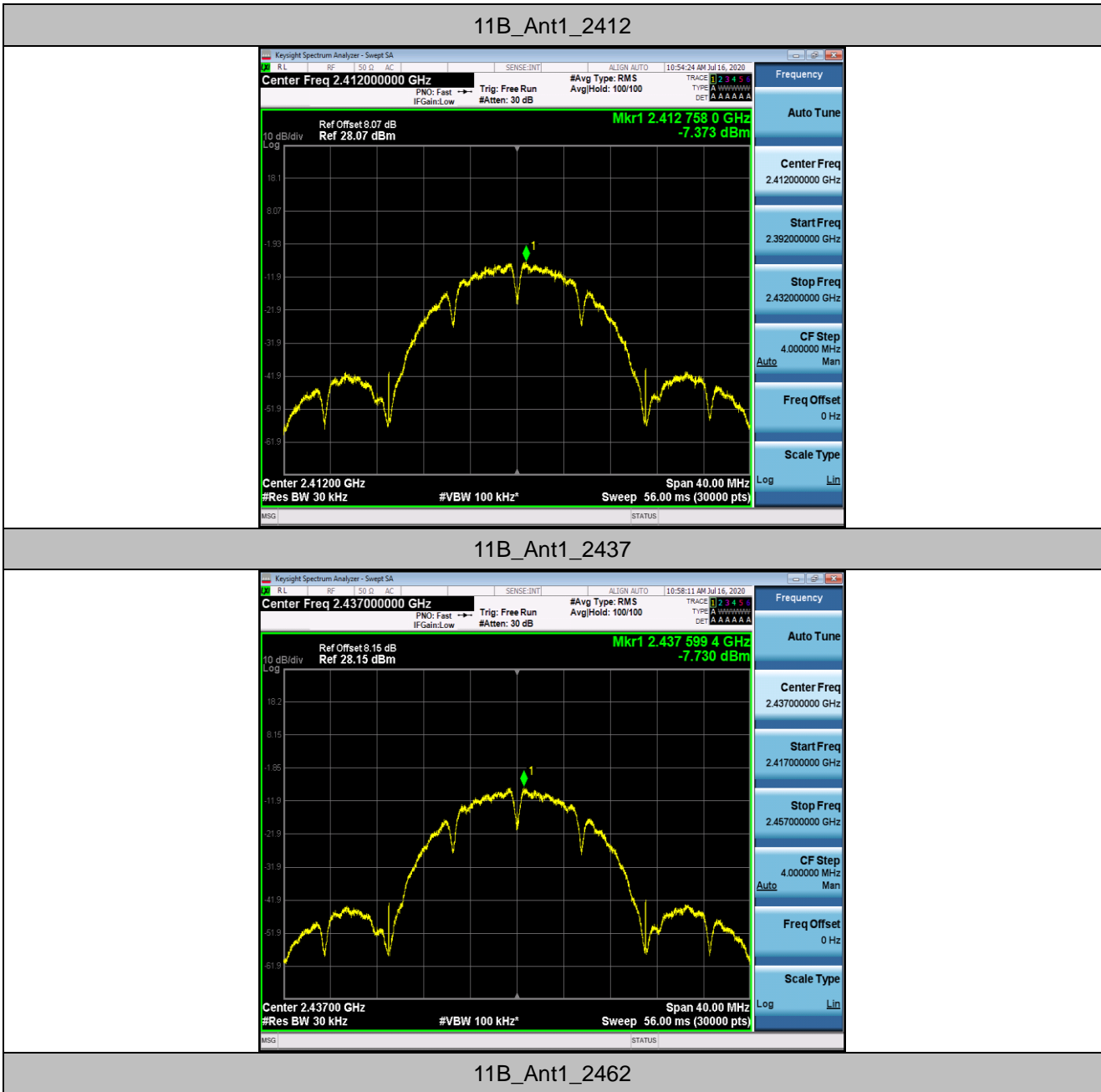
**Note:**

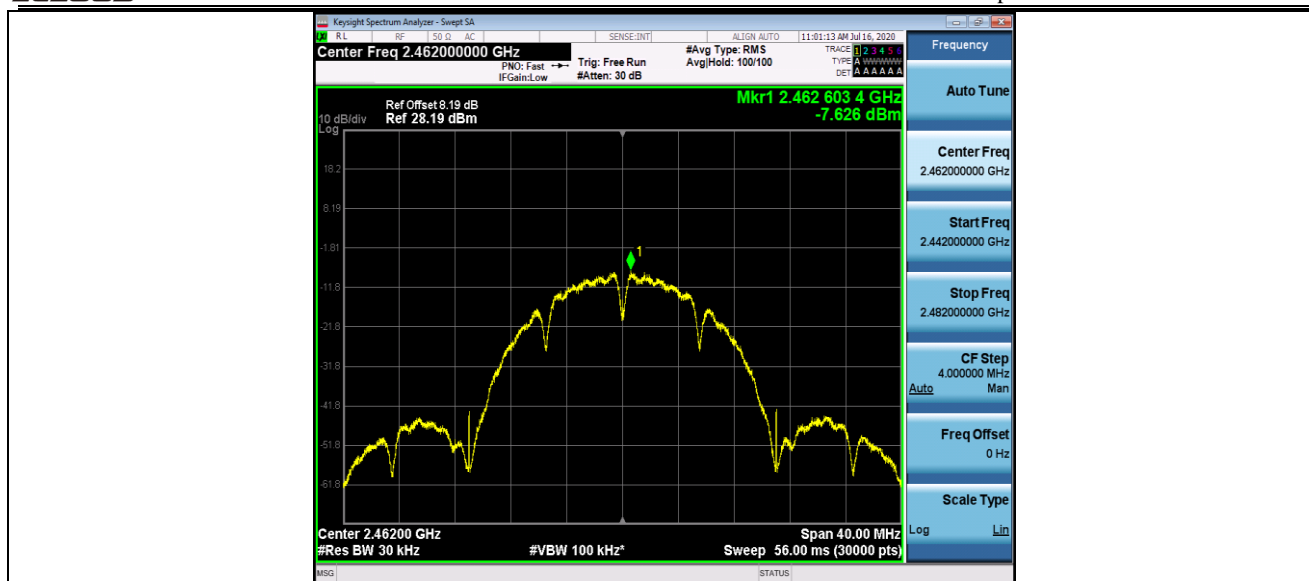
calculating the RBW=3kHz value:

$-7.37 \text{ (AV.PSD At RBW=30kHz)} - 10 \cdot \log(30/3) = -17.37 \text{ (AV.PSD At RBW=3kHz)}$

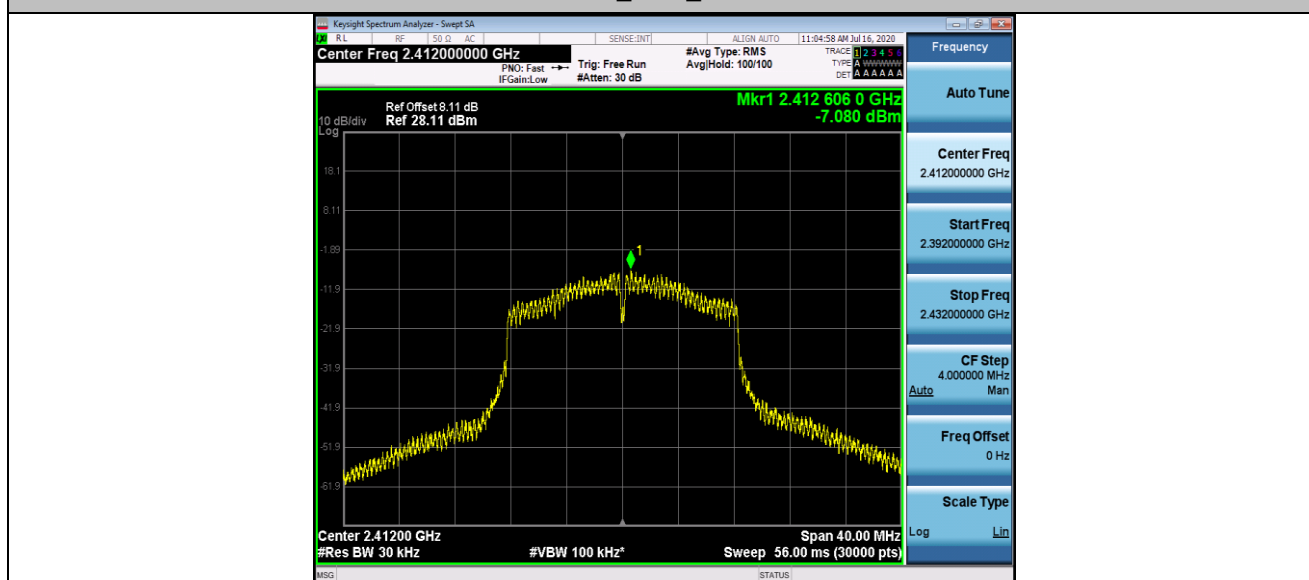


### Test Graphs

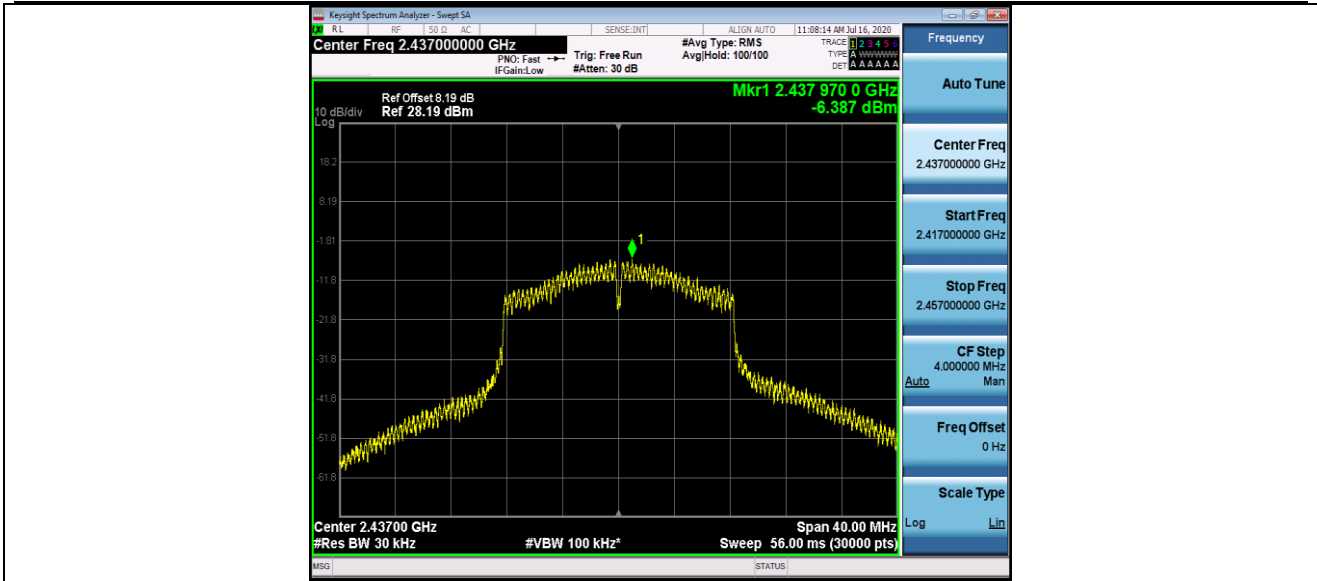




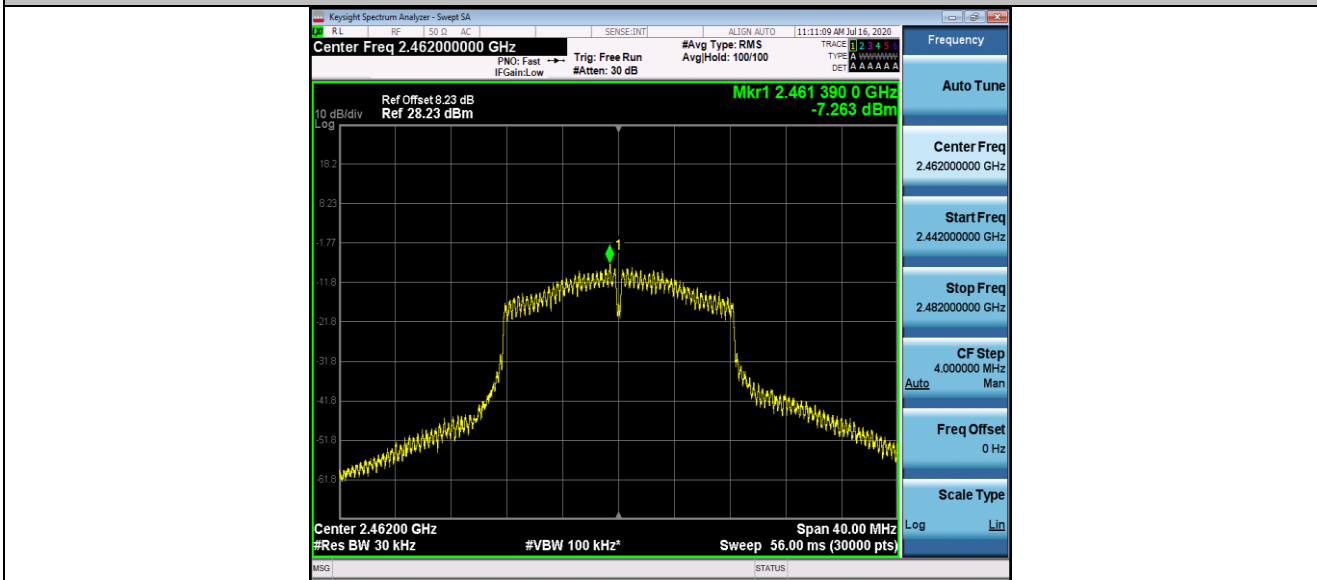
11G\_Ant1\_2412



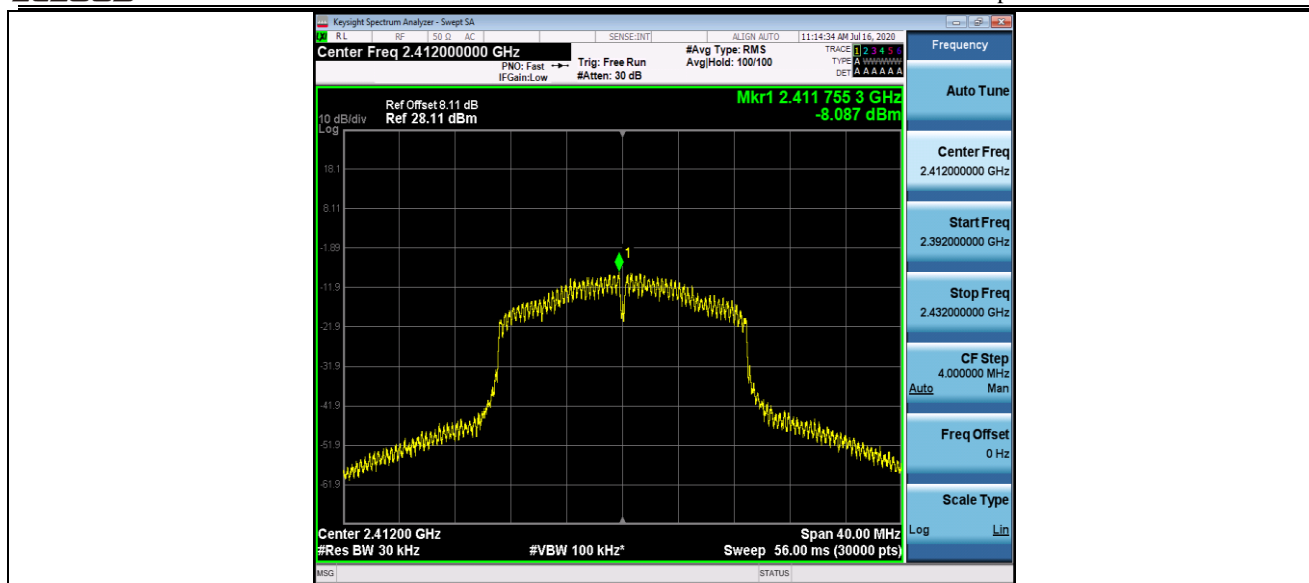
11G\_Ant1\_2437



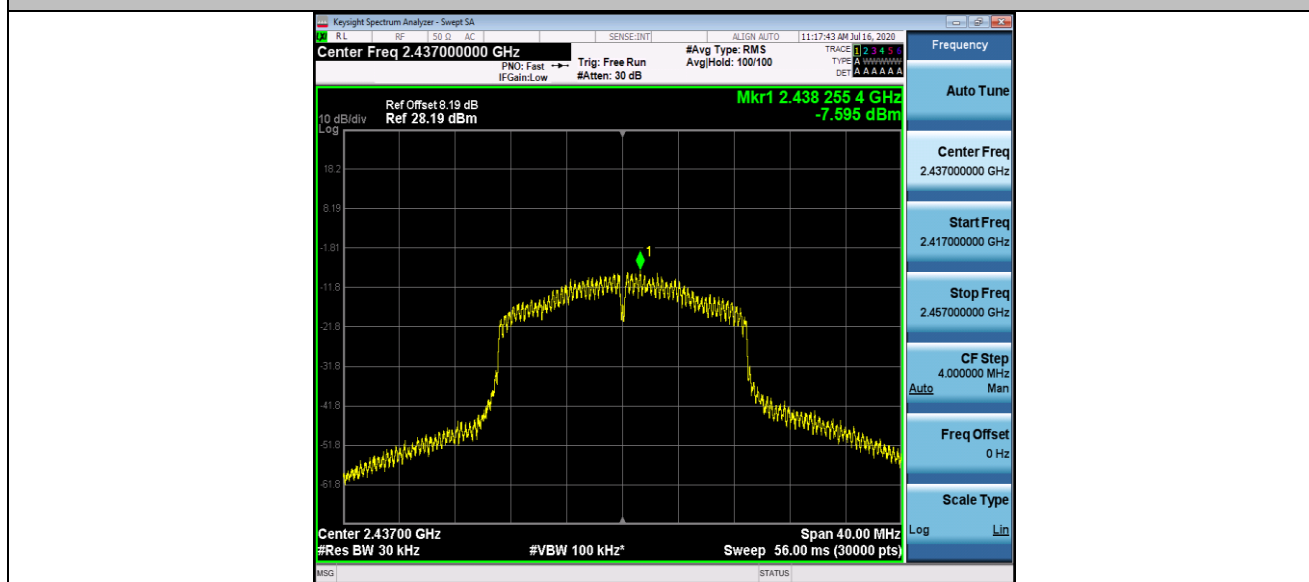
11G\_Ant1\_2462



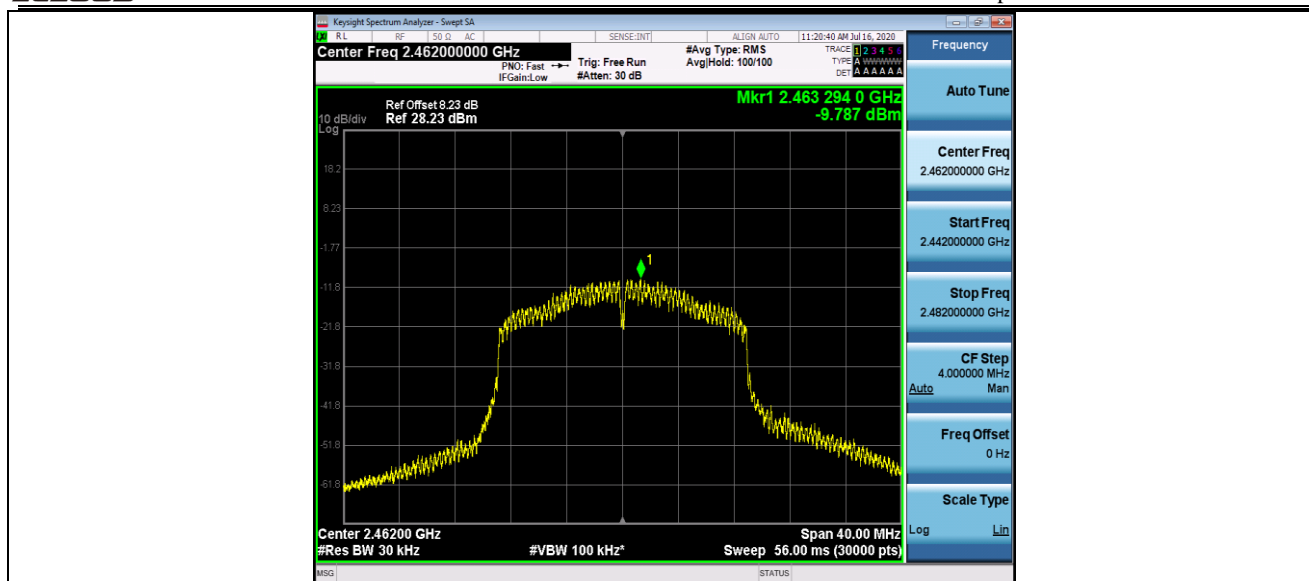
11N20SISO\_Ant1\_2412



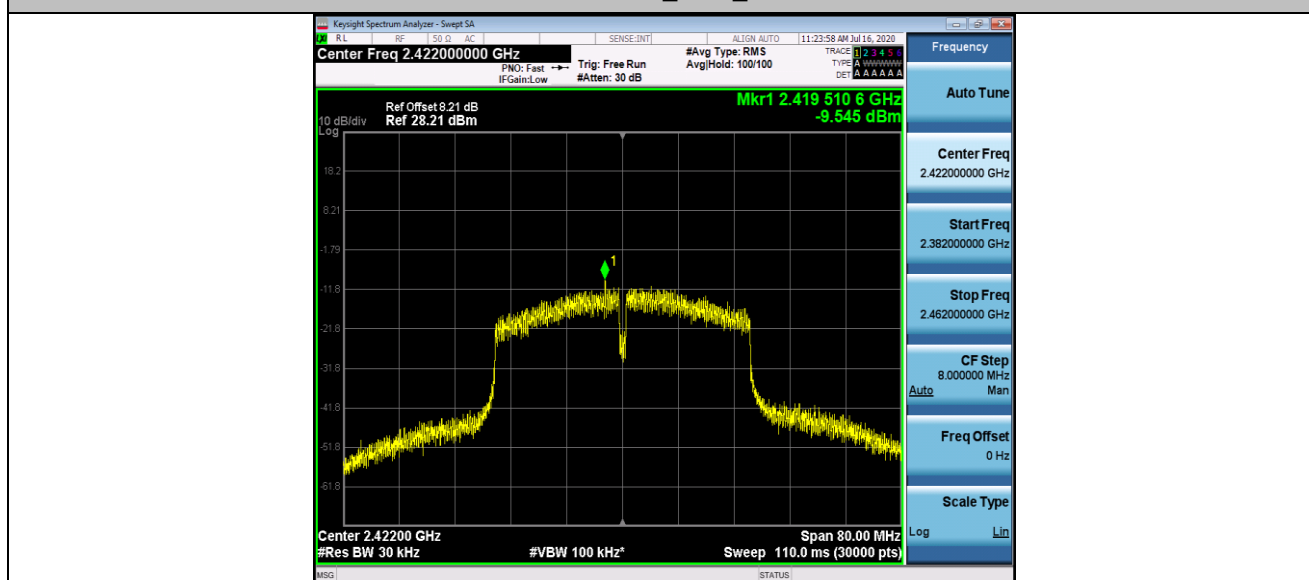
11N20SISO\_Ant1\_2437



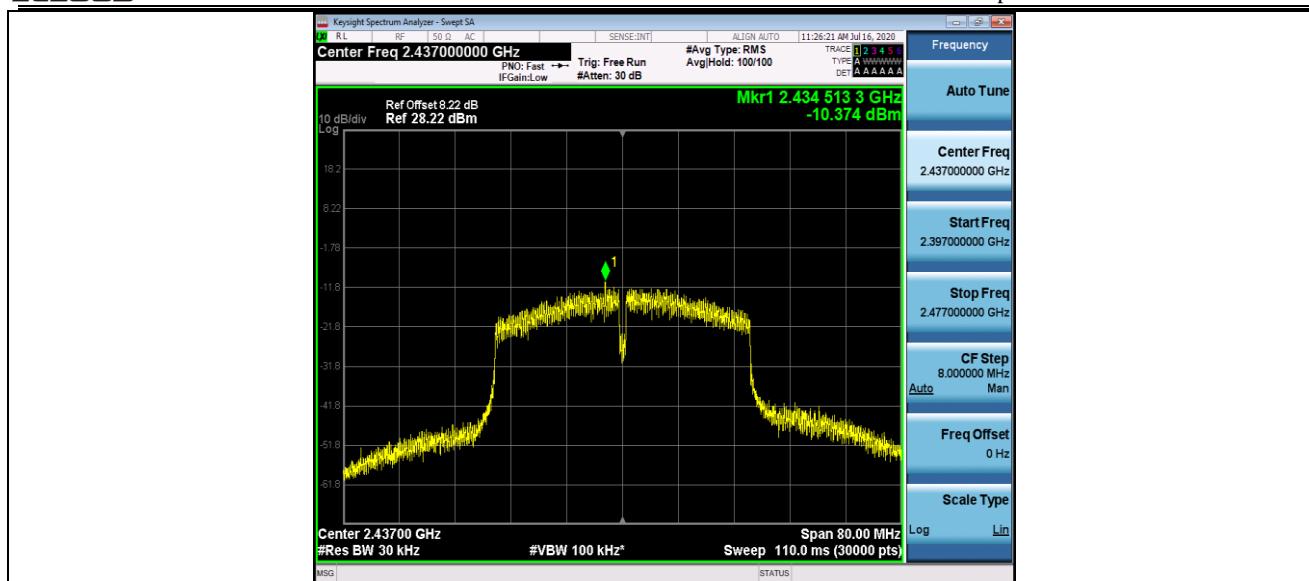
11N20SISO\_Ant1\_2462



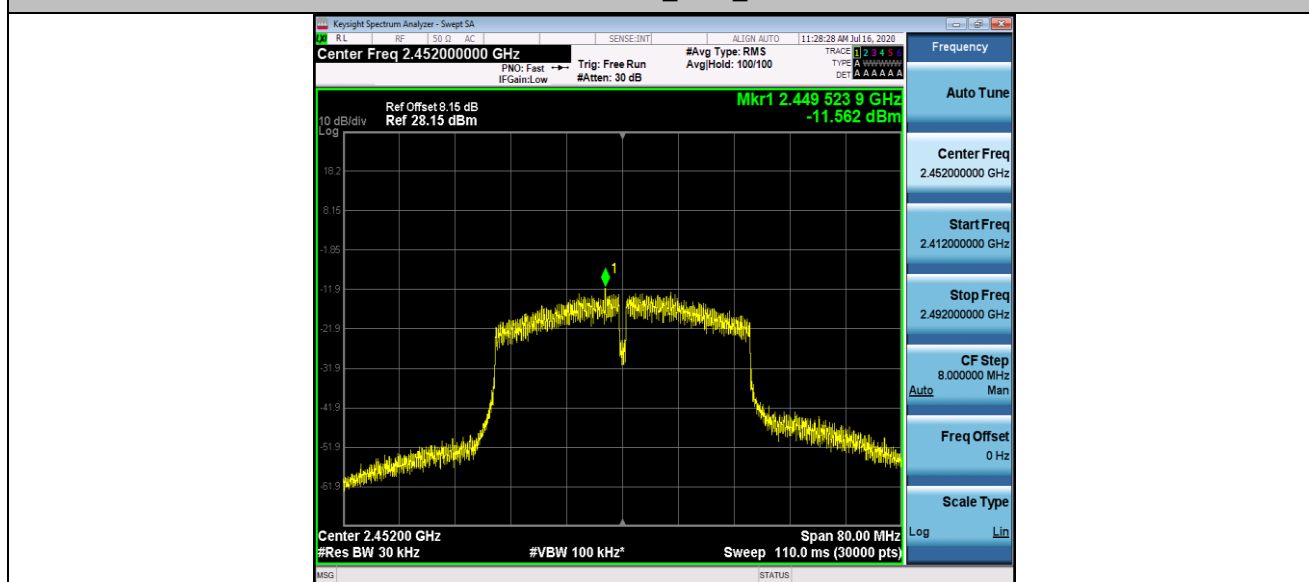
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix F: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.45	-28.14	<=-24.55	PASS
		High	2462	5.31	-45.88	<=-24.69	PASS
11G	Ant1	Low	2412	5.16	-31.57	<=-24.84	PASS
		High	2462	4.47	-40.41	<=-25.53	PASS
11N20SISO	Ant1	Low	2412	4.57	-32.04	<=-25.43	PASS
		High	2462	3.87	-44.22	<=-26.13	PASS
11N40SISO	Ant1	Low	2422	-0.25	-32.11	<=-30.25	PASS
		High	2452	0.14	-31.49	<=-29.87	PASS