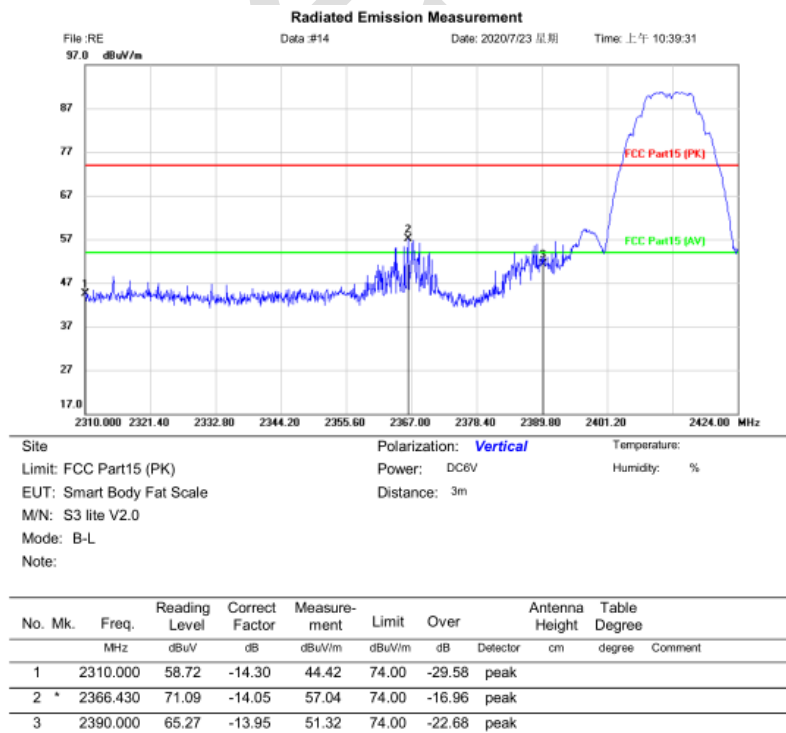
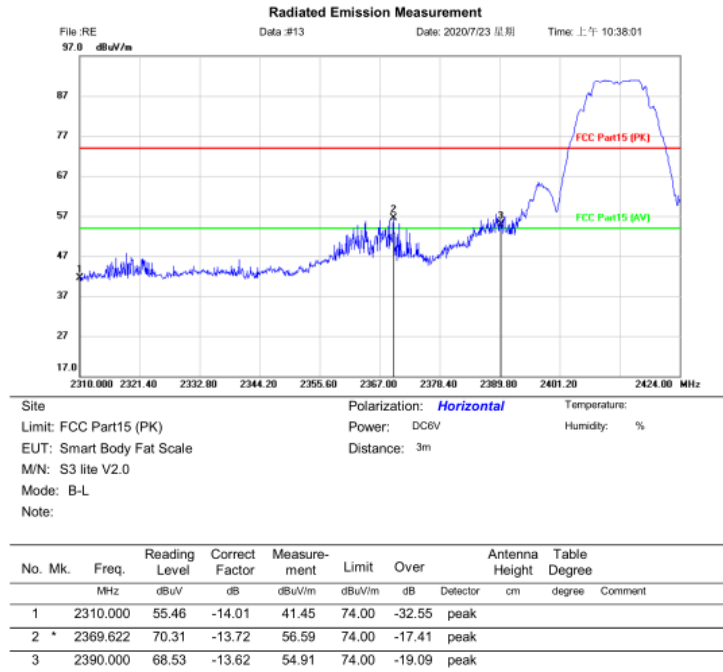


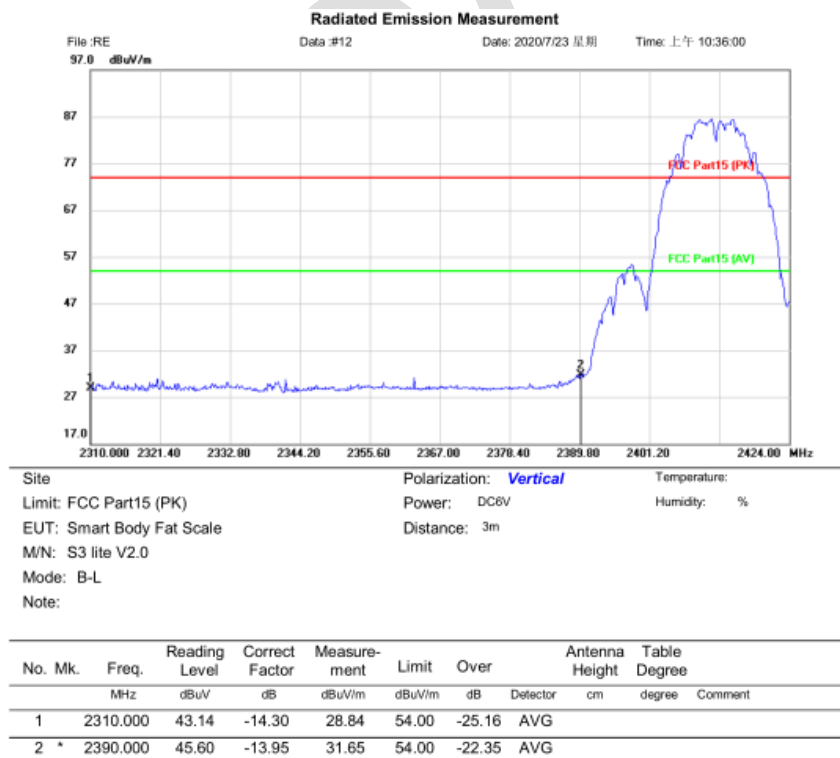
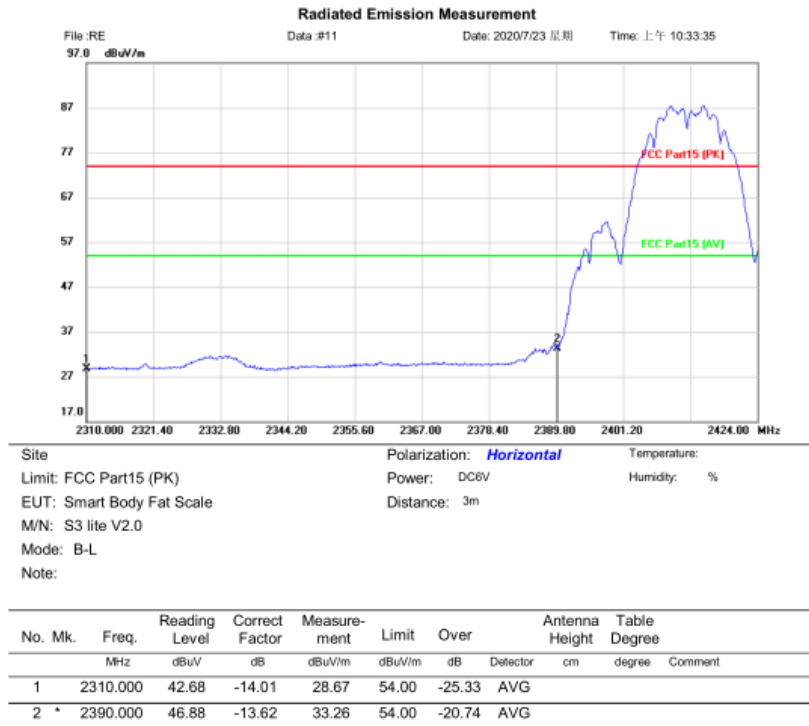
TEST DATA

802.11b:Lowest channel

Peak value

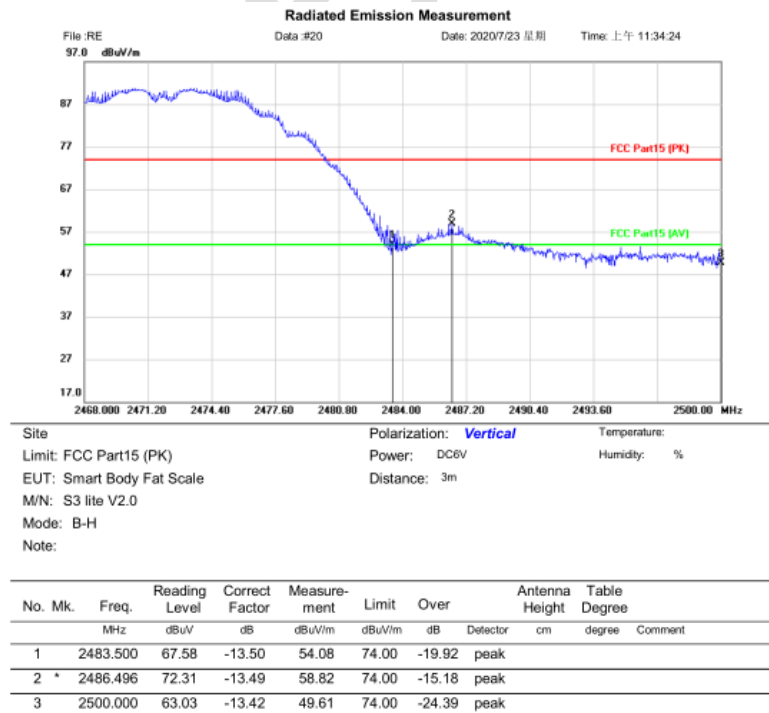
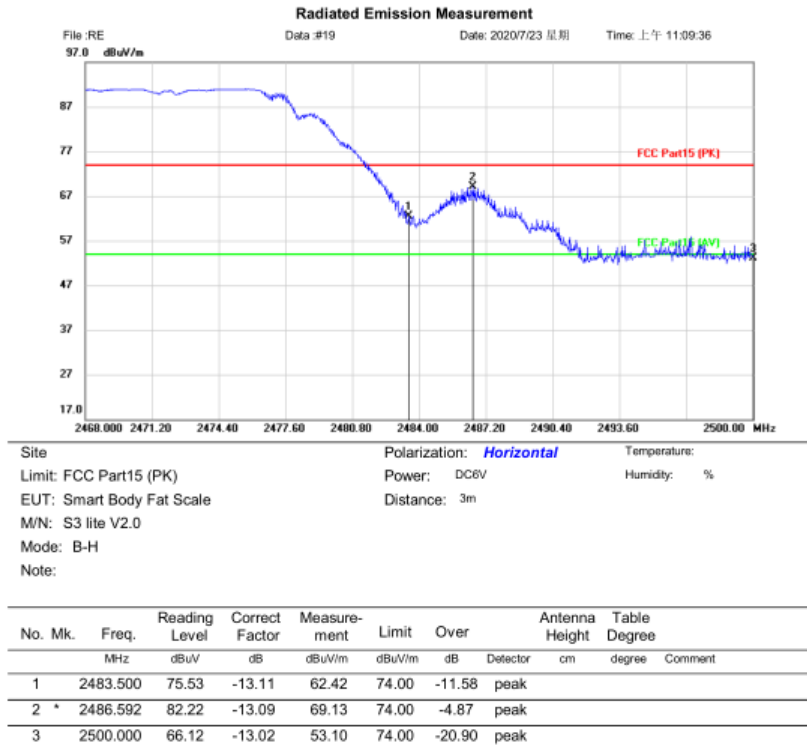


AVG value

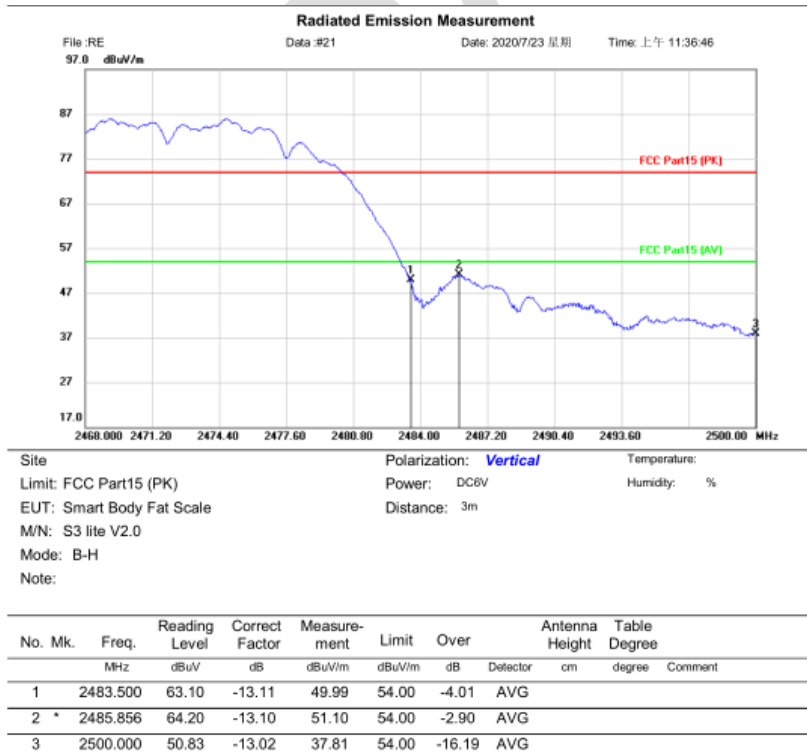
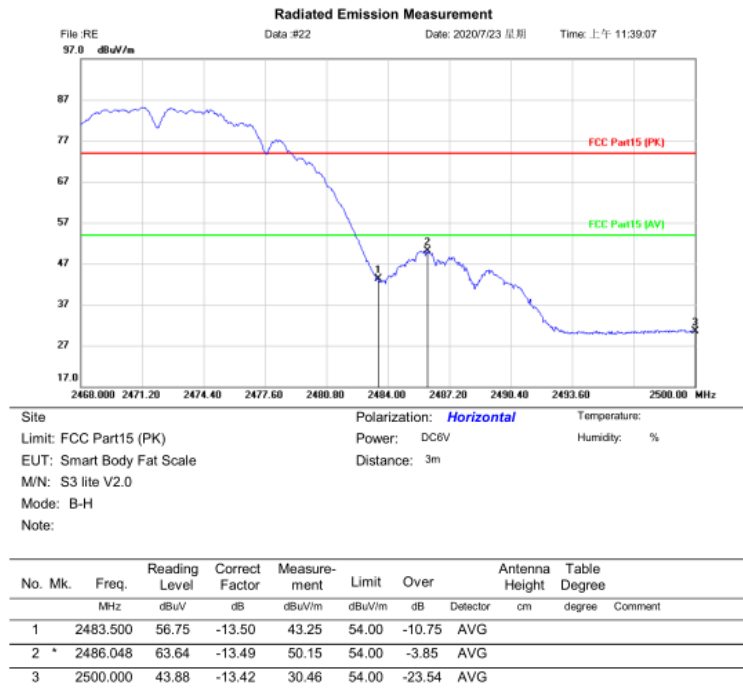


802.11b: Highest channel

Peak value



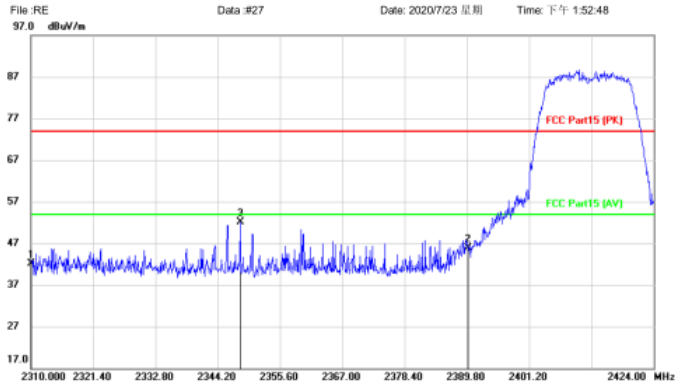
AVG value



802.11g:Lowest channel

Peak value

Radiated Emission Measurement

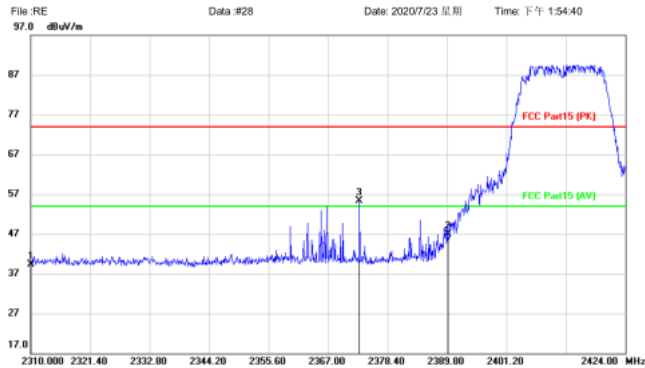


Site: Limit: FCC Part15 (PK) EUT: Smart Body Fat Scale M/N: S3 lite V2.0 Mode: G-L Note:

Polarization: **Vertical** Power: DC6V Distance: 3m Temperature: Humidity: %

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	2310.000	56.46	-14.30	42.16	74.00	-31.84	peak			
2	2390.000	59.82	-13.95	45.87	74.00	-28.13	peak			
3 *	2348.304	66.14	-14.13	52.01	74.00	-21.99	peak			

Radiated Emission Measurement

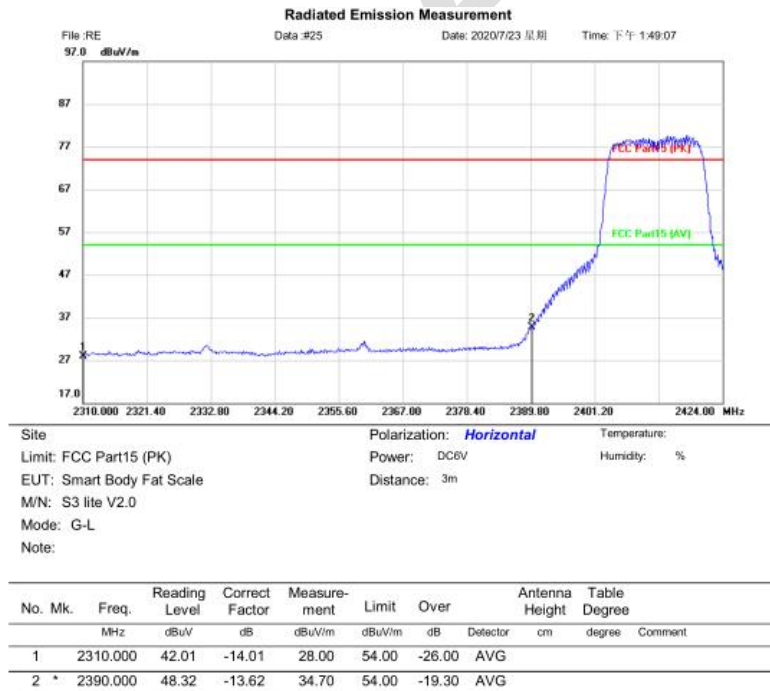
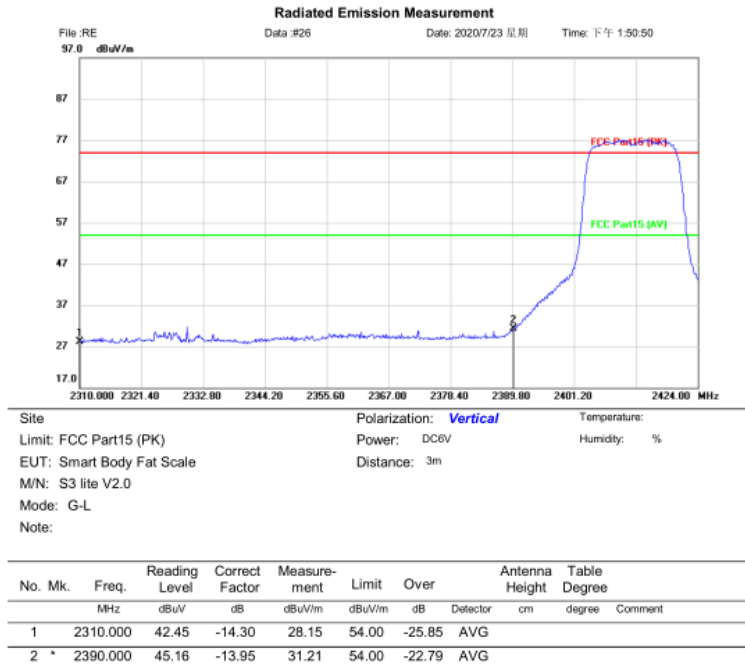


Site: Limit: FCC Part15 (PK) EUT: Smart Body Fat Scale M/N: S3 lite V2.0 Mode: G-L Note:

Polarization: **Horizontal** Power: DC6V Distance: 3m Temperature: Humidity: %

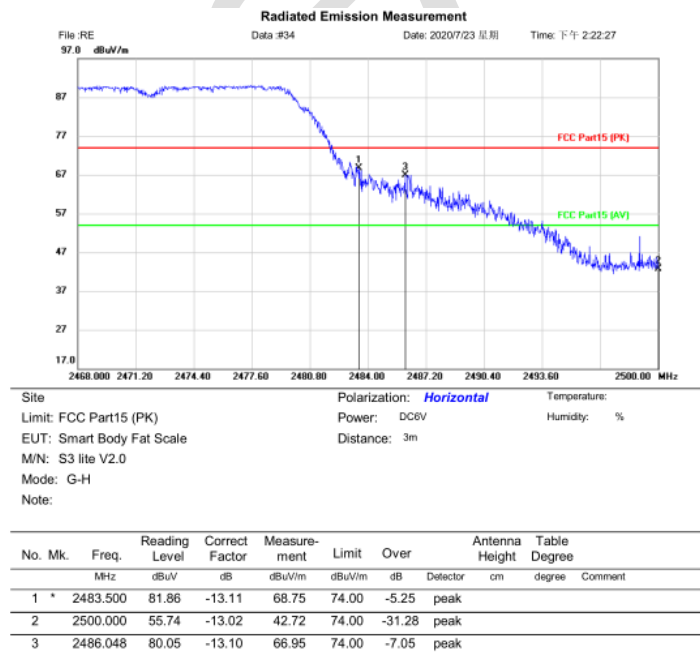
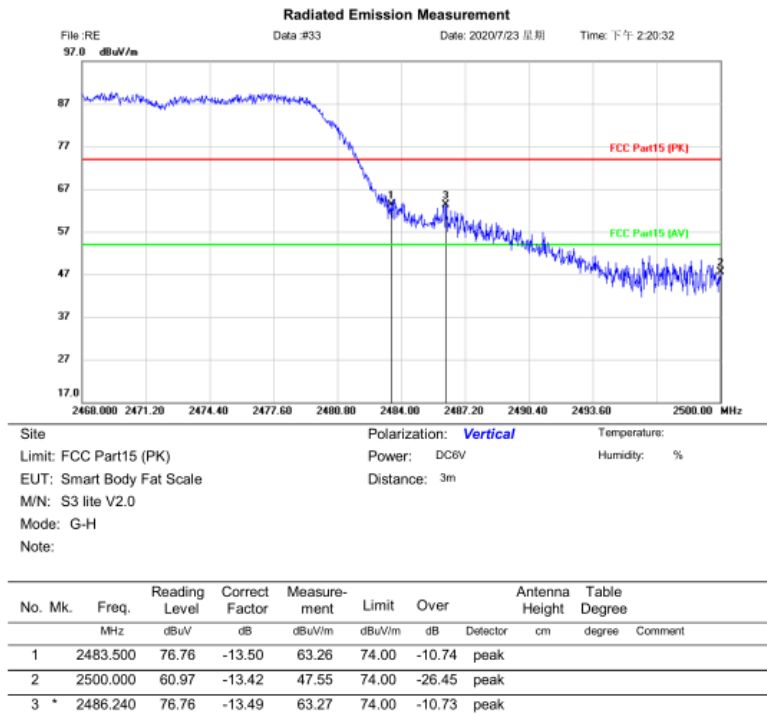
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	2310.000	53.22	-14.01	39.21	74.00	-34.79	peak			
2	2390.000	60.55	-13.62	46.93	74.00	-27.07	peak			
3 *	2373.042	69.05	-13.70	55.35	74.00	-18.65	peak			

AVG value

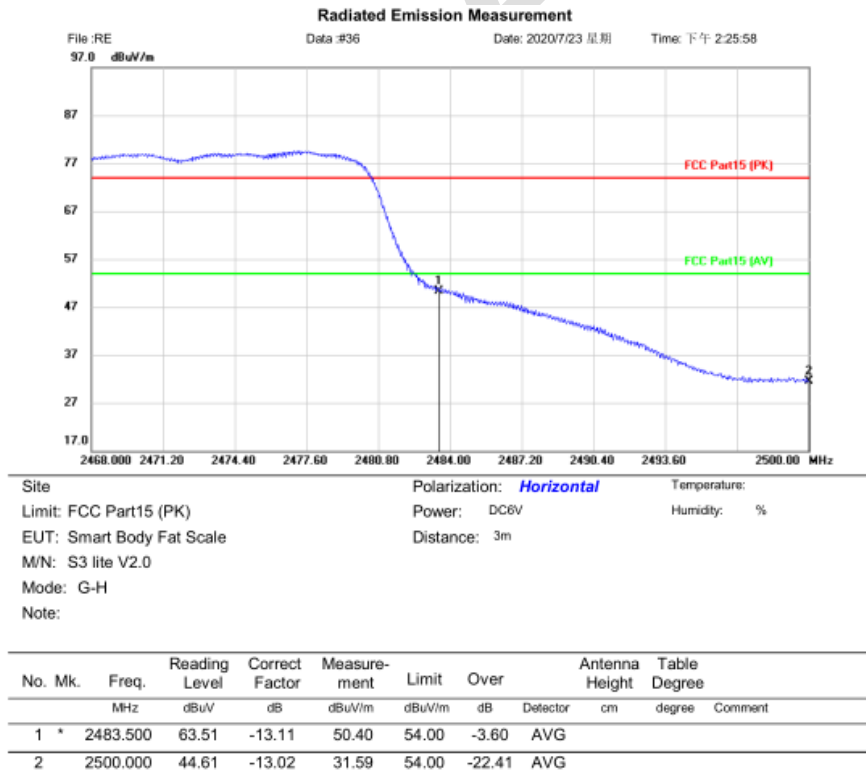
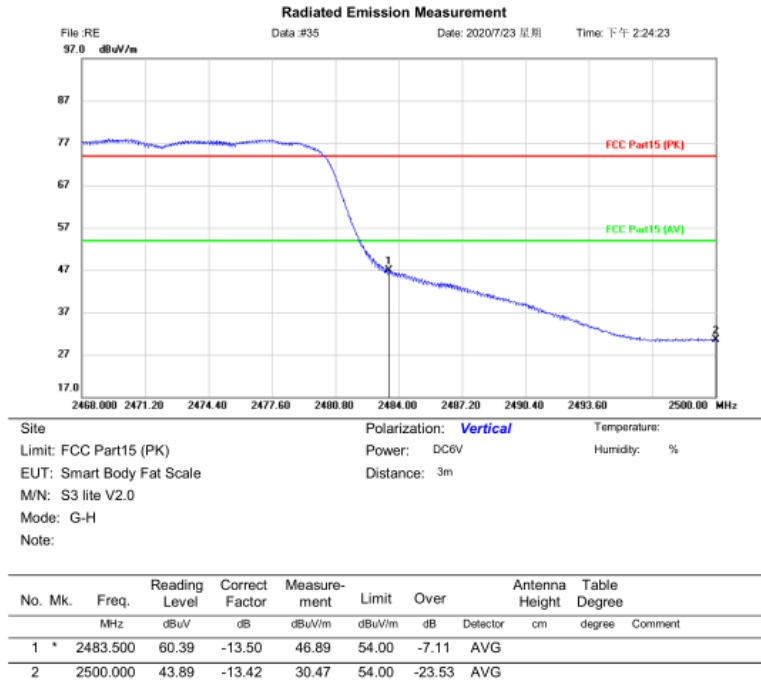


802.11g: Highest channel

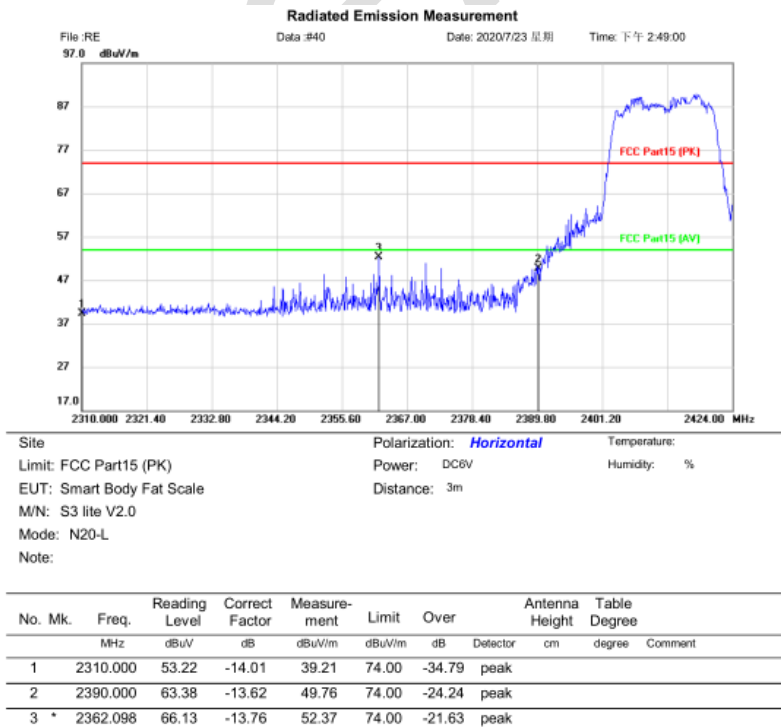
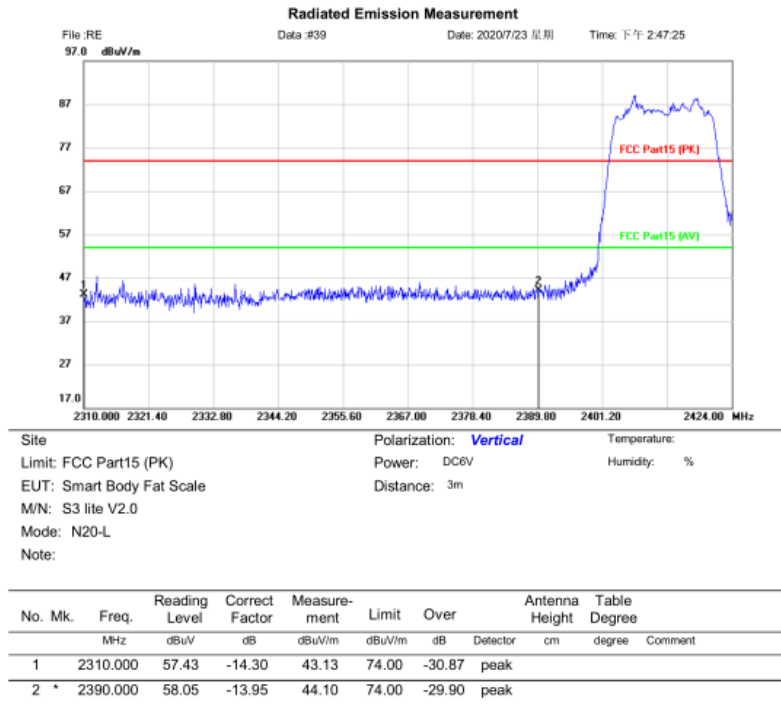
Peak value



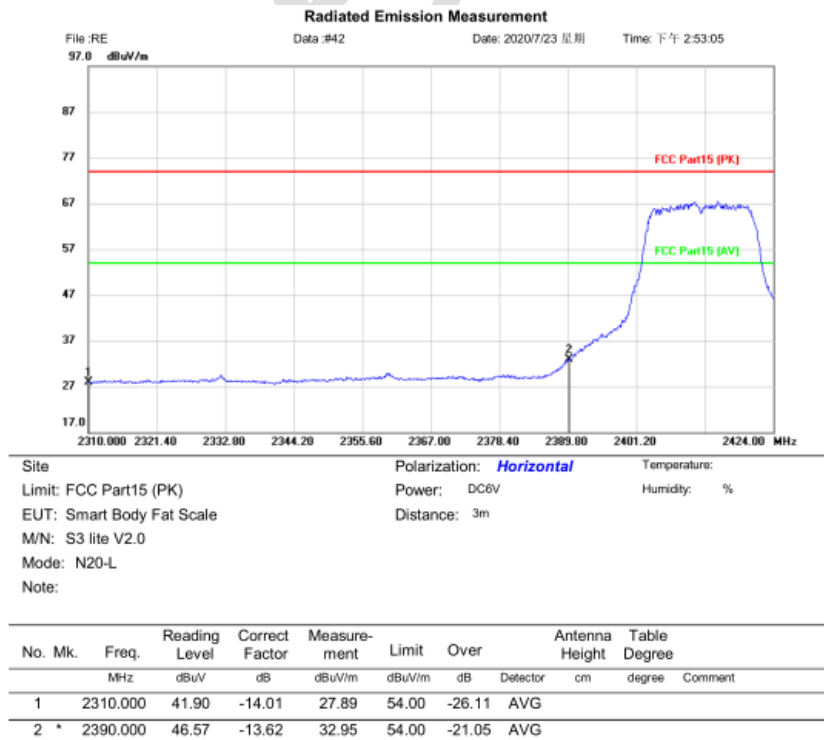
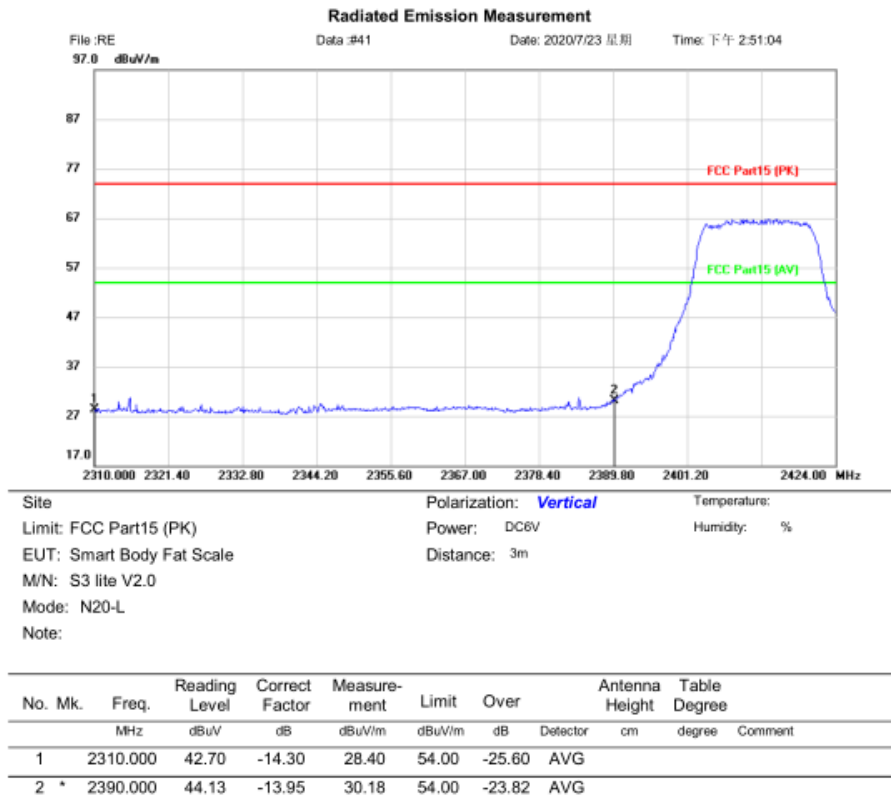
AVG value



802.11n20:Lowest channel
Peak value



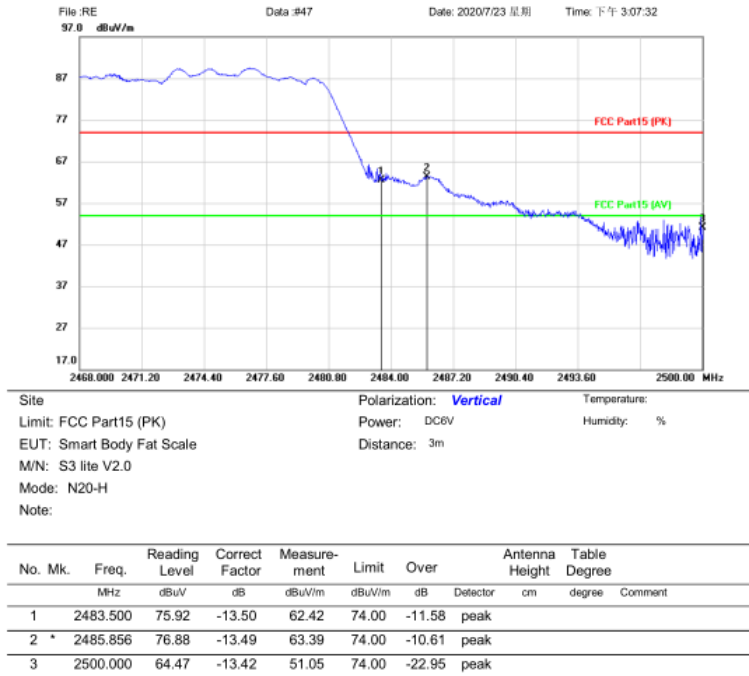
AVG value



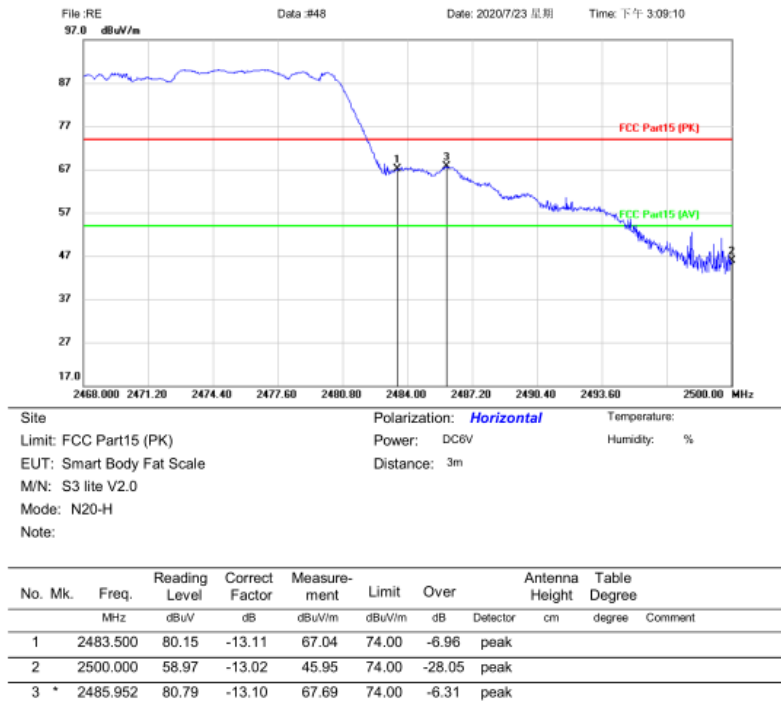
802.11n20: Highest channel

Peak value

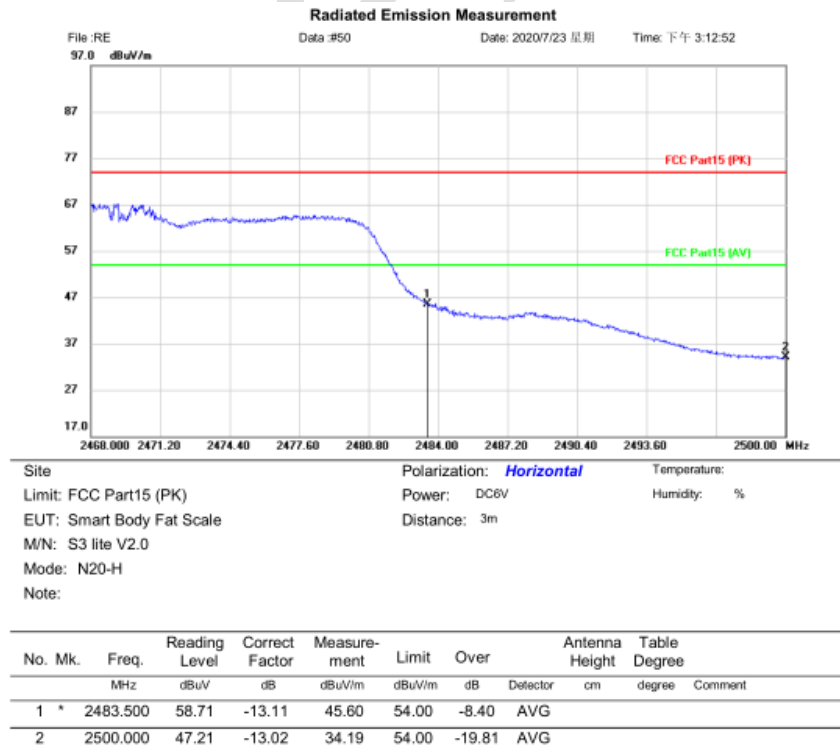
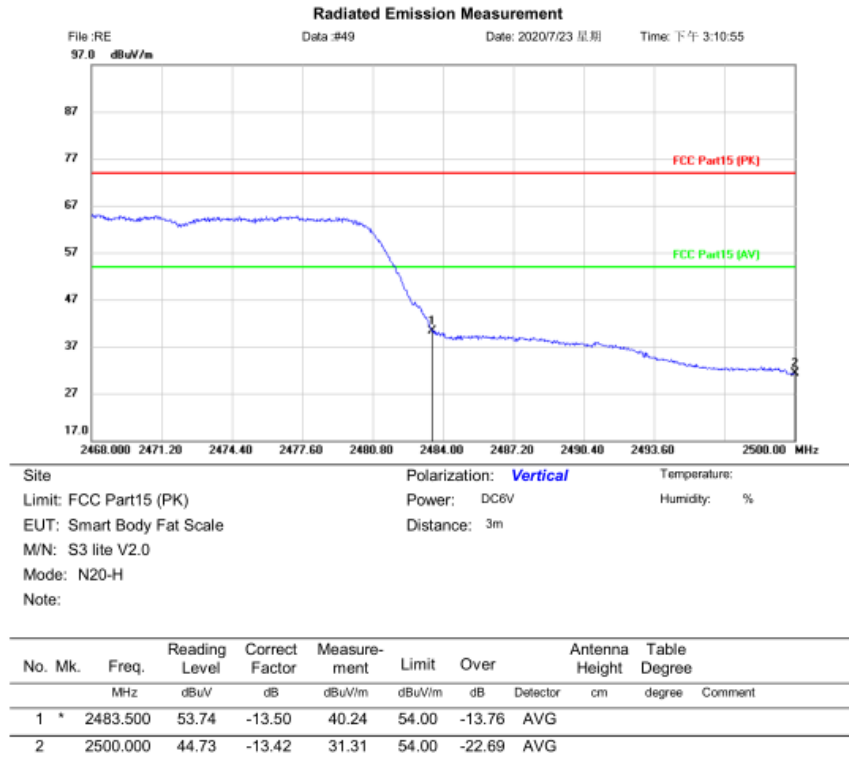
Radiated Emission Measurement



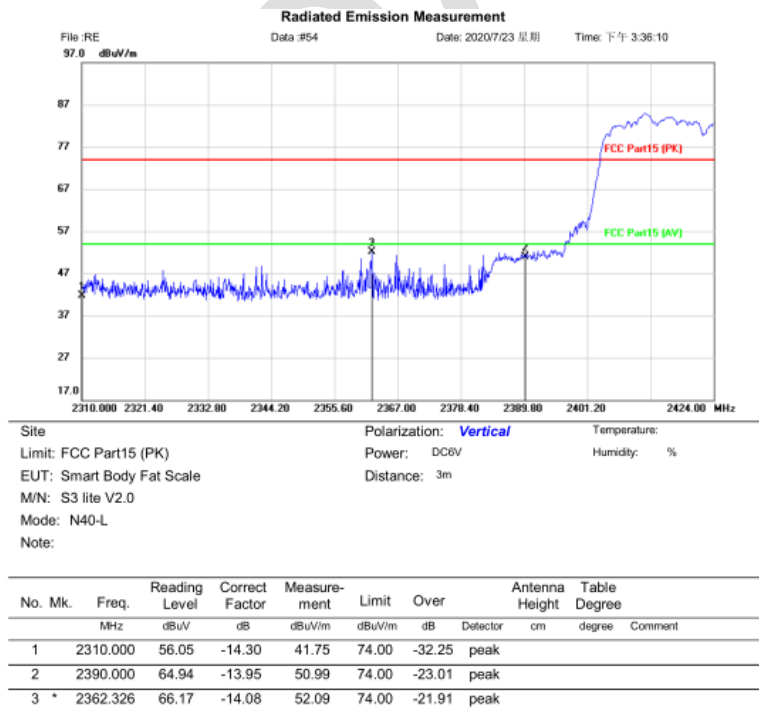
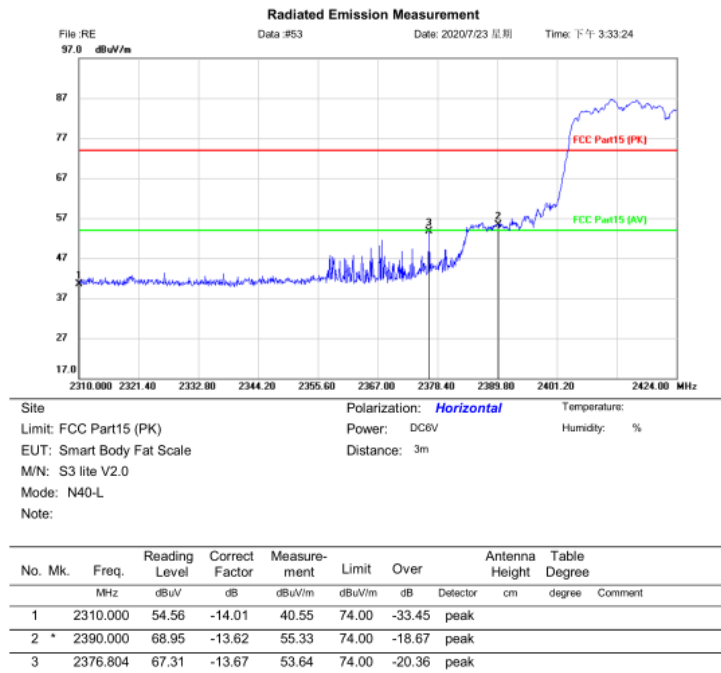
Radiated Emission Measurement



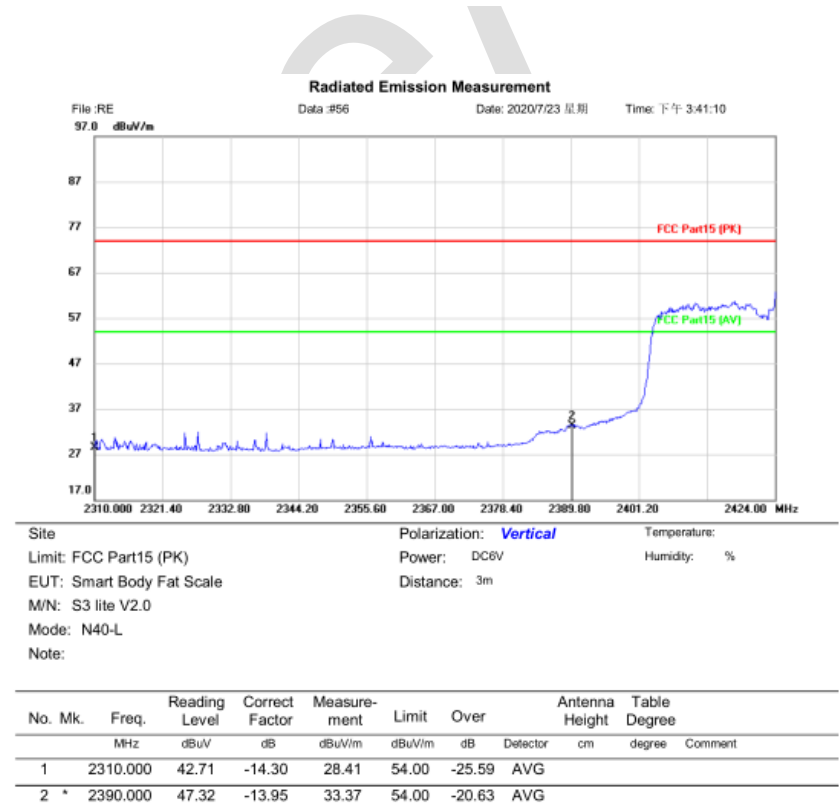
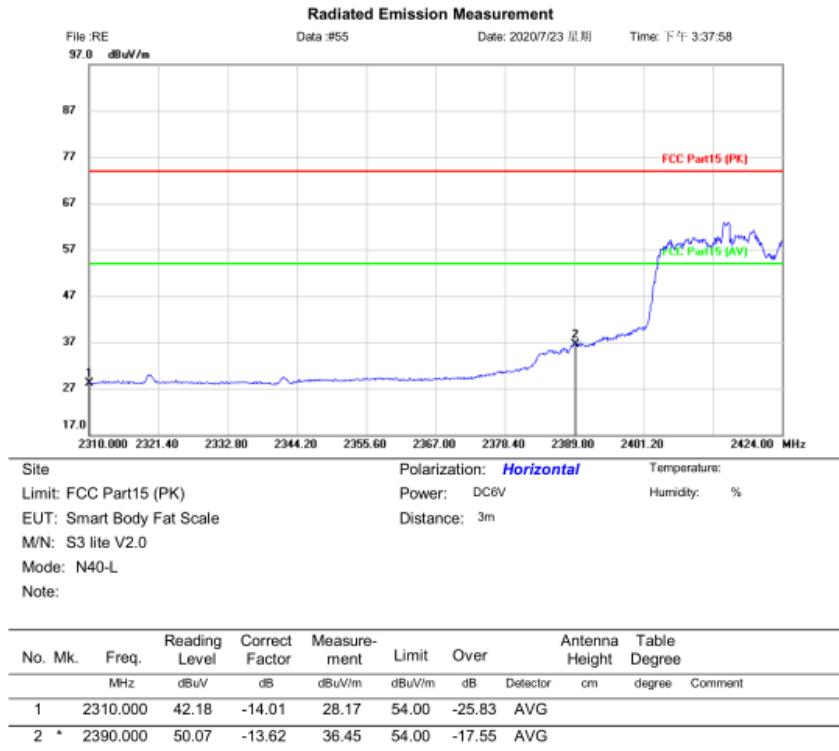
AVG value



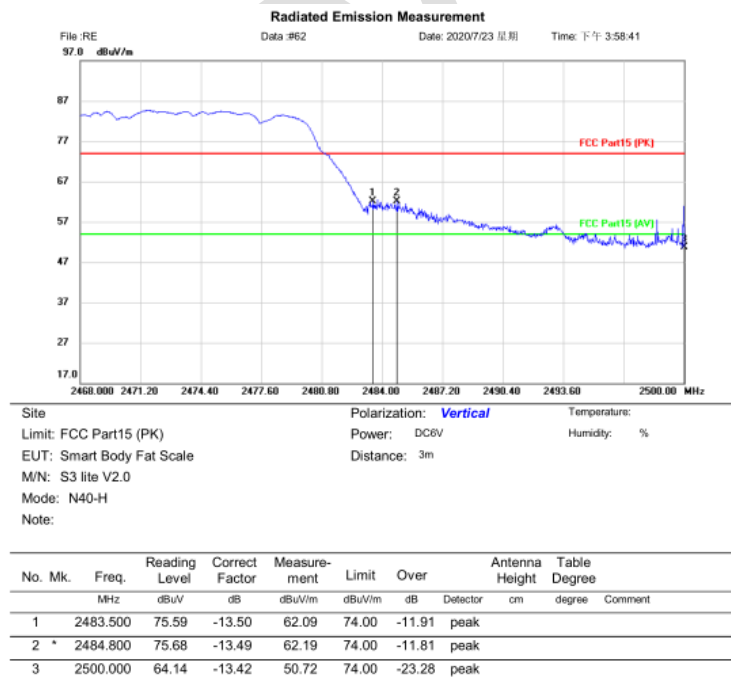
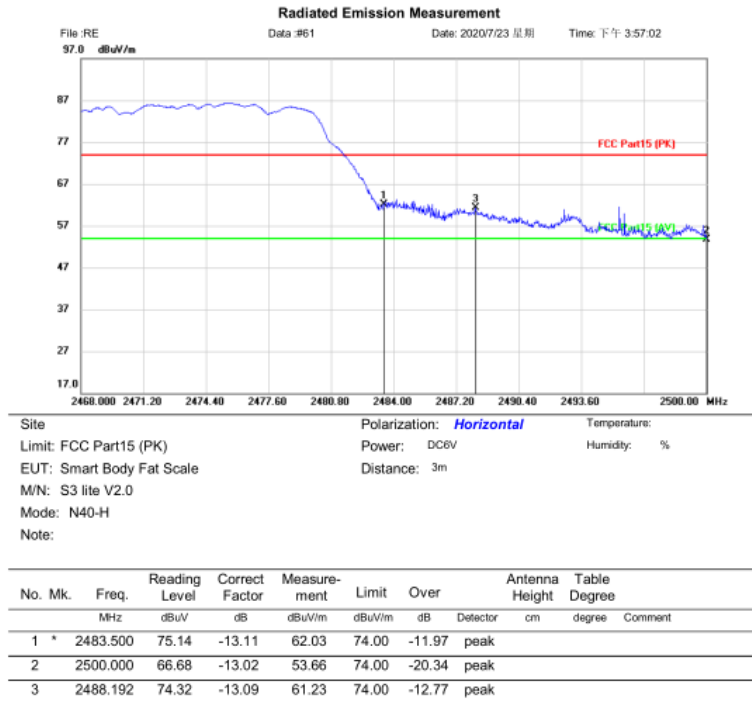
802.11n40: Lowest channel Peak value



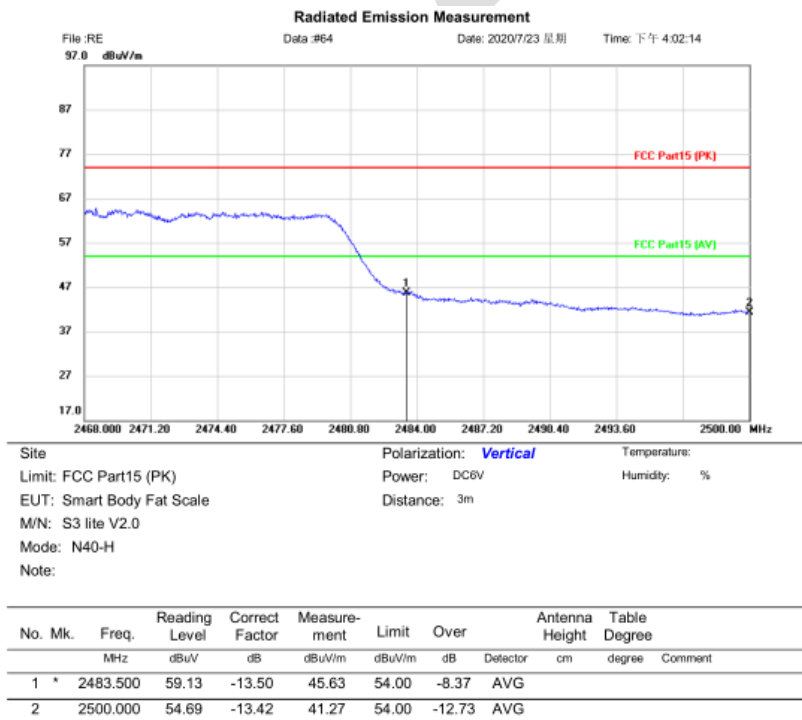
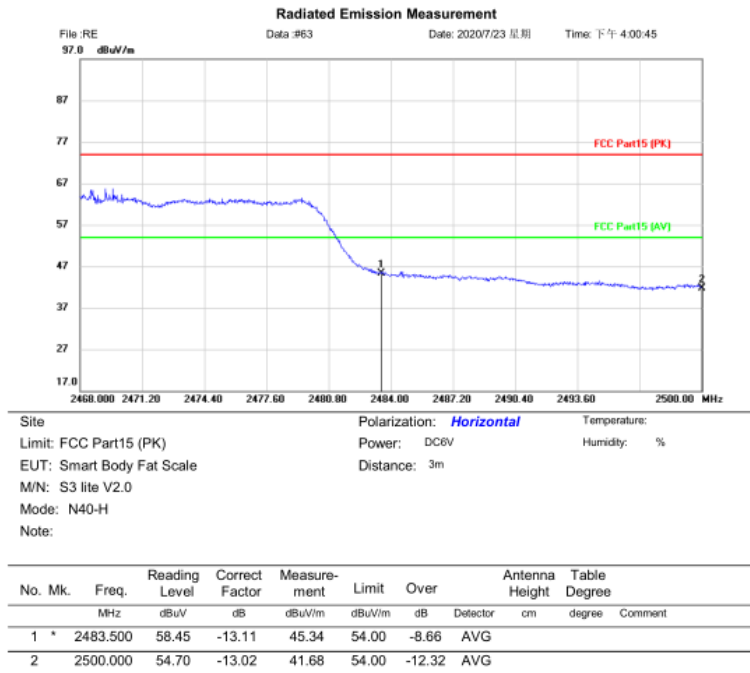
AVG value



802.11n40: Highest channel Peak value



AVG value



10 APPENDIX

Appendix1

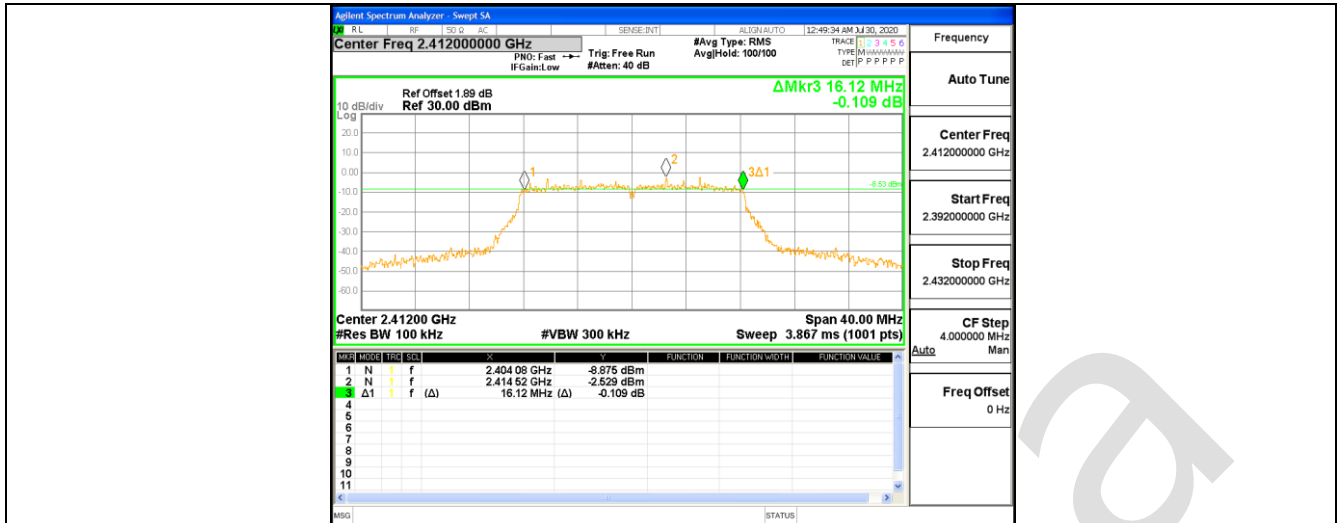
10.1 APPENDIXA: DTS BANDWIDTH

Test Result

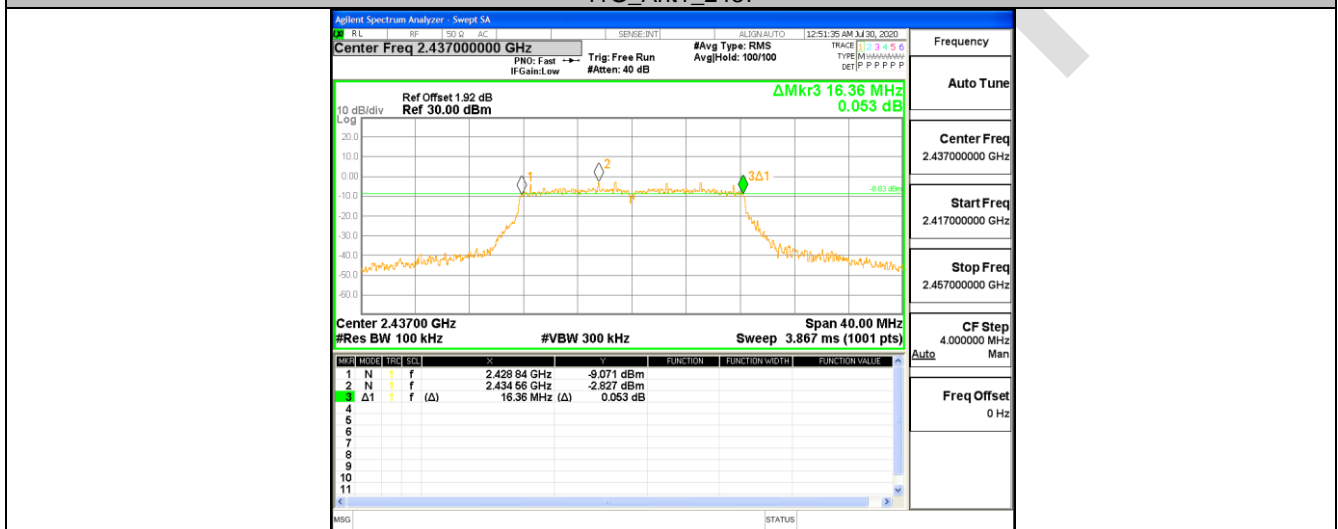
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.480	2416.600	≥ 0.5	PASS
		2437	9.160	2432.440	2441.600	≥ 0.5	PASS
		2462	9.120	2457.440	2466.560	≥ 0.5	PASS
11G	Ant1	2412	16.120	2404.080	2420.200	≥ 0.5	PASS
		2437	16.360	2428.840	2445.200	≥ 0.5	PASS
		2462	16.360	2453.840	2470.200	≥ 0.5	PASS
11N20SISO	Ant1	2412	17.360	2403.240	2420.600	≥ 0.5	PASS
		2437	17.360	2428.160	2445.520	≥ 0.5	PASS
		2462	17.680	2453.160	2470.840	≥ 0.5	PASS
11N40SISO	Ant1	2422	35.600	2404.400	2440.000	≥ 0.5	PASS
		2437	35.600	2419.400	2455.000	≥ 0.5	PASS
		2452	35.760	2434.400	2470.160	≥ 0.5	PASS

Test Graphs

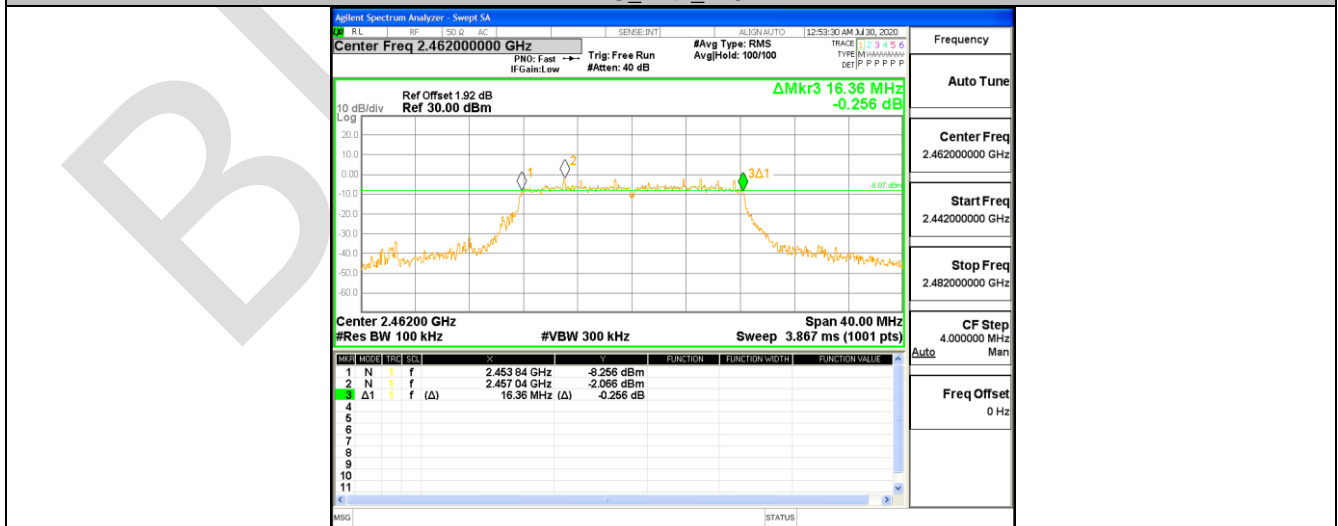




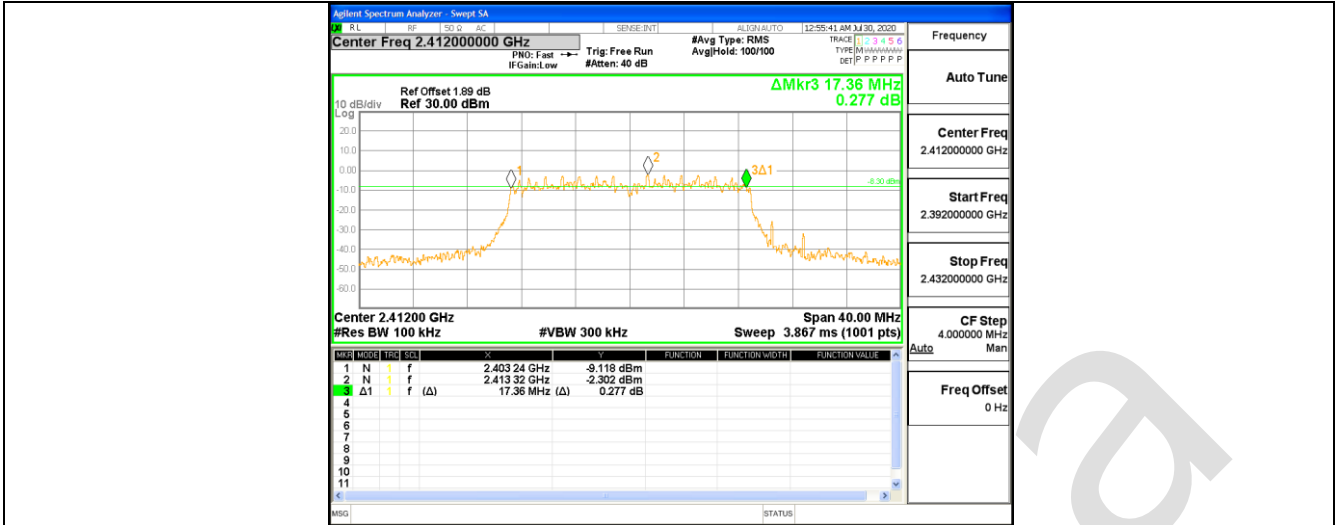
11G_Ant1_2437



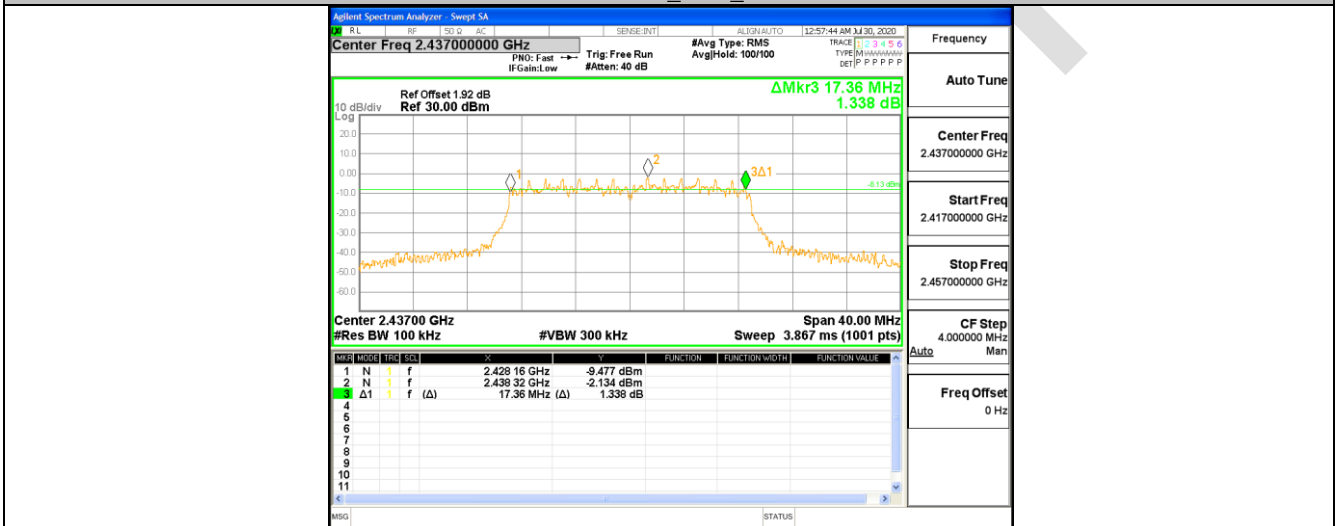
11G_Ant1_2462



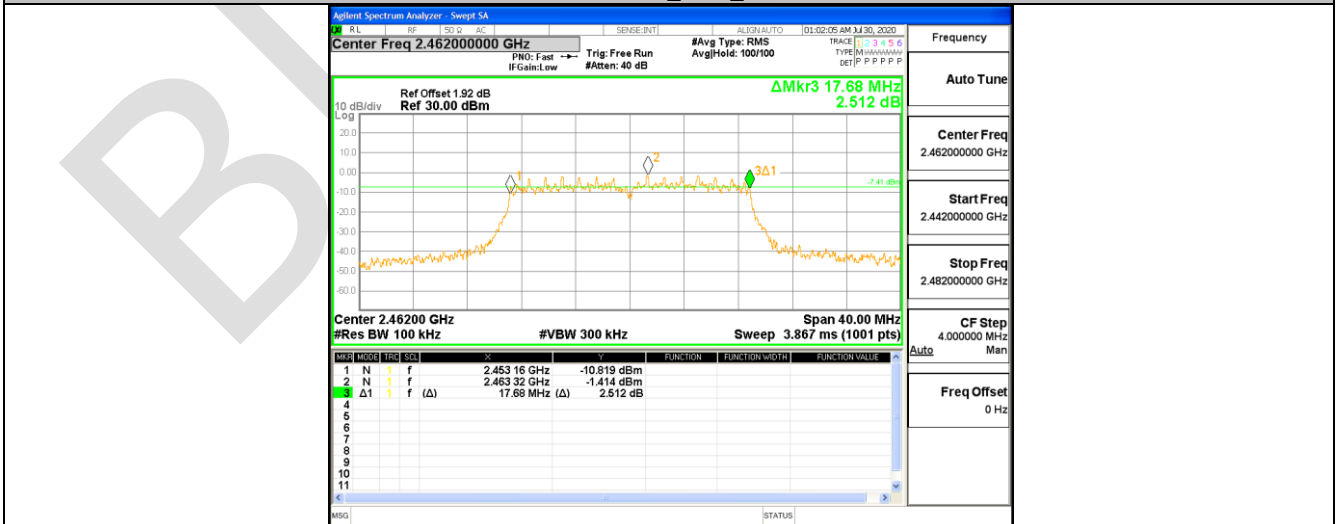
11N20SISO_Ant1_2412



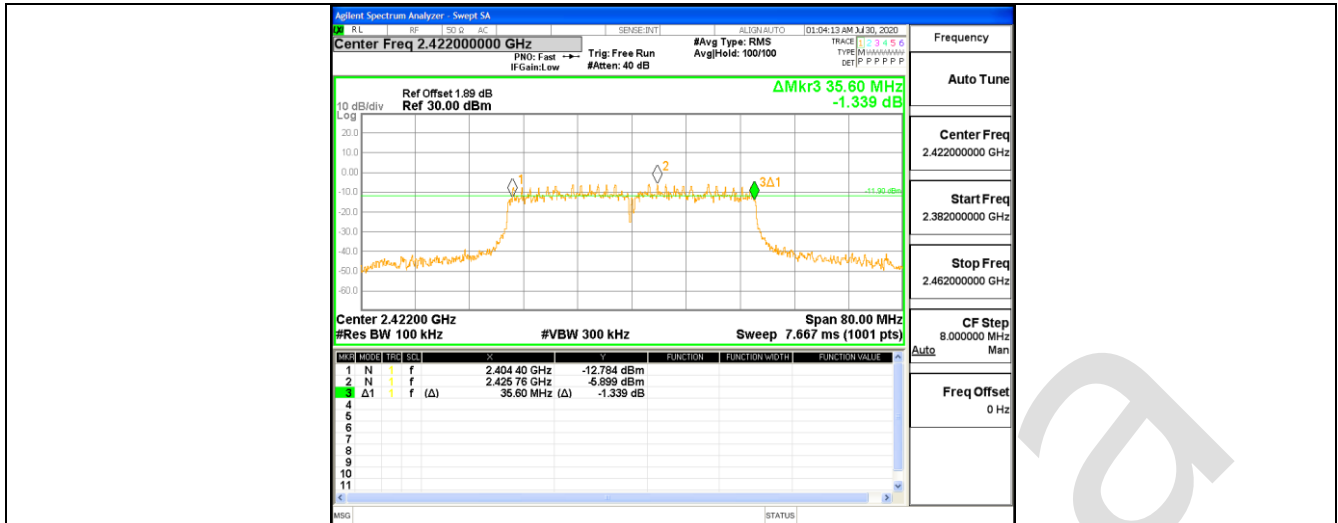
11N20SISO_Ant1_2437



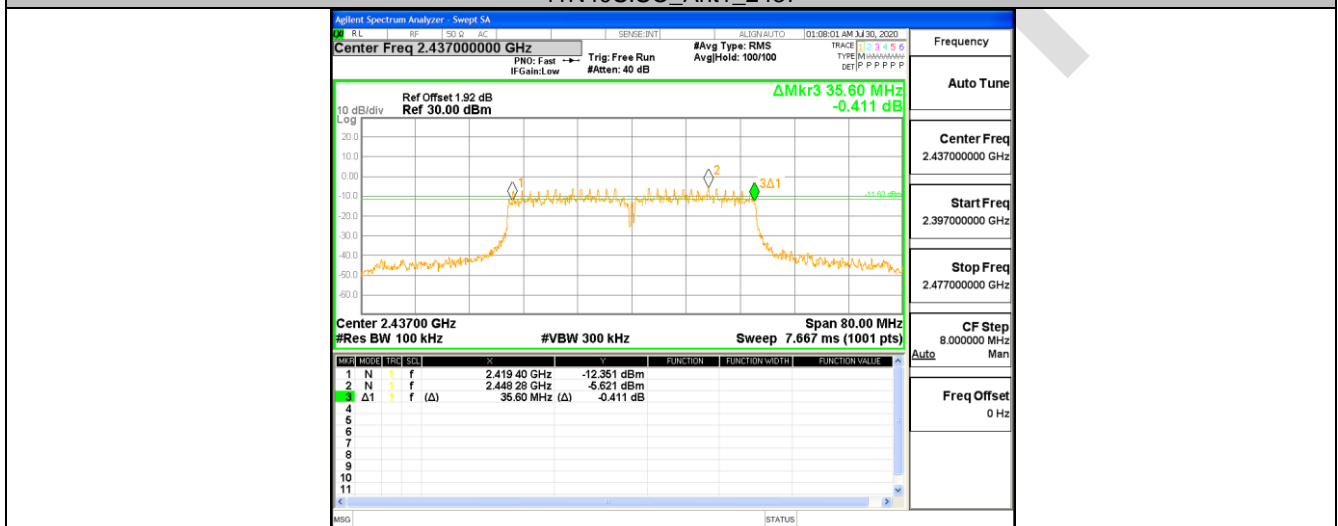
11N20SISO_Ant1_2462



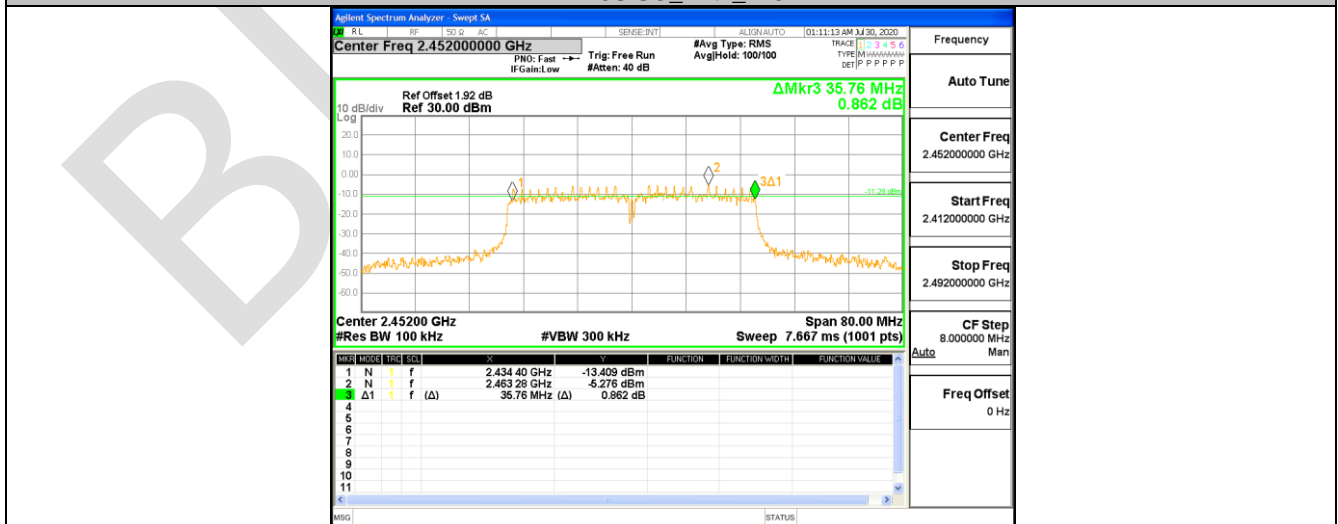
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



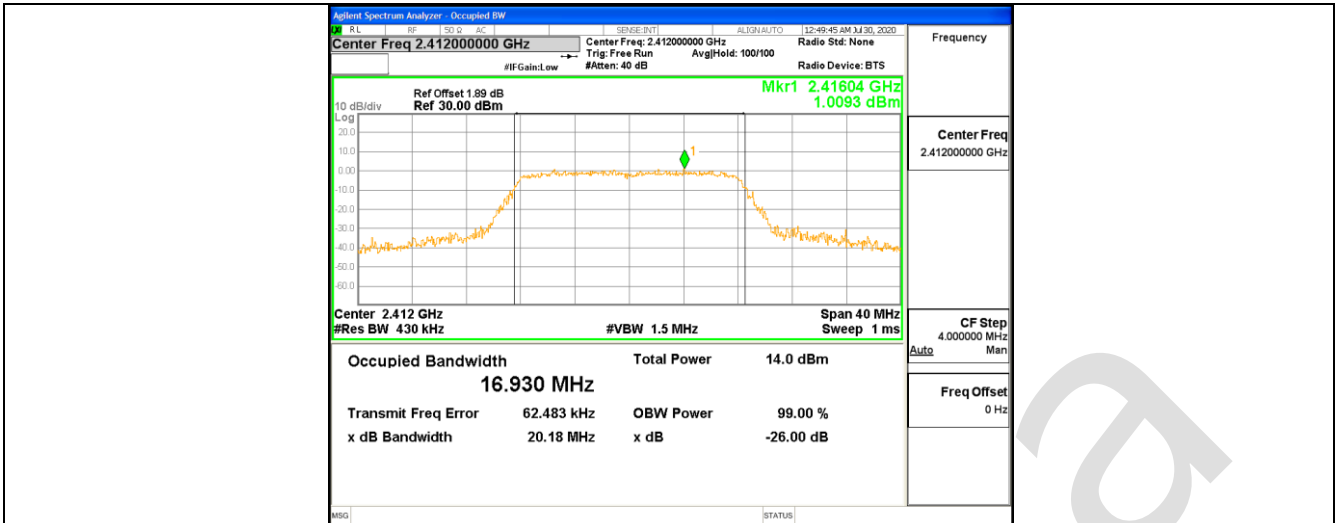
10.2 APPENDIXB: OCCUPIED CHANNEL BANDWIDTH

Test Result

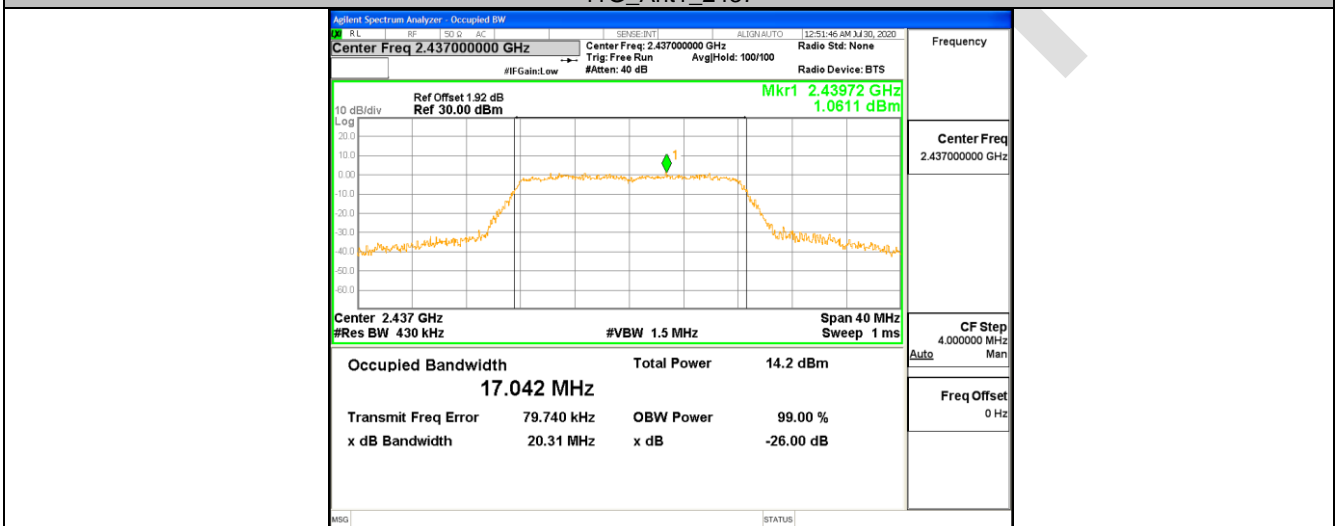
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.760	2404.691	2419.451	---	PASS
		2437	14.793	2429.628	2444.421	---	PASS
		2462	14.713	2454.697	2469.410	---	PASS
11G	Ant1	2412	16.930	2403.597	2420.527	---	PASS
		2437	17.042	2428.559	2445.601	---	PASS
		2462	16.356	2453.906	2470.262	---	PASS
11N20SISO	Ant1	2412	17.721	2403.169	2420.890	---	PASS
		2437	17.832	2428.053	2445.885	---	PASS
		2462	17.959	2453.077	2471.036	---	PASS
11N40SISO	Ant1	2422	36.352	2403.963	2440.315	---	PASS
		2437	36.365	2418.966	2455.331	---	PASS
		2452	36.341	2433.976	2470.317	---	PASS

Test Graphs

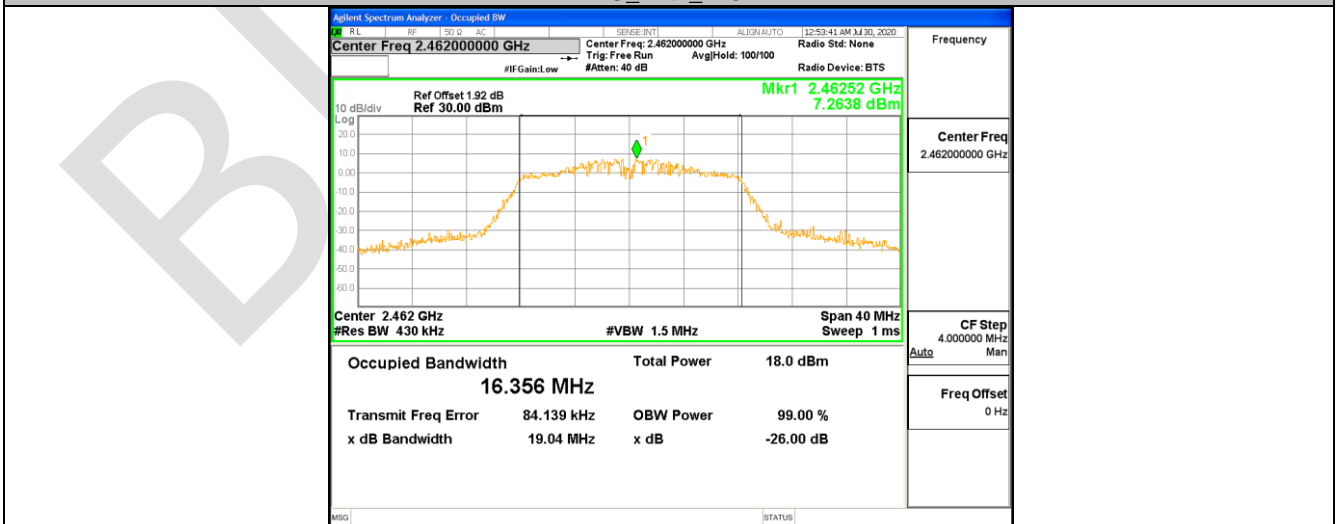




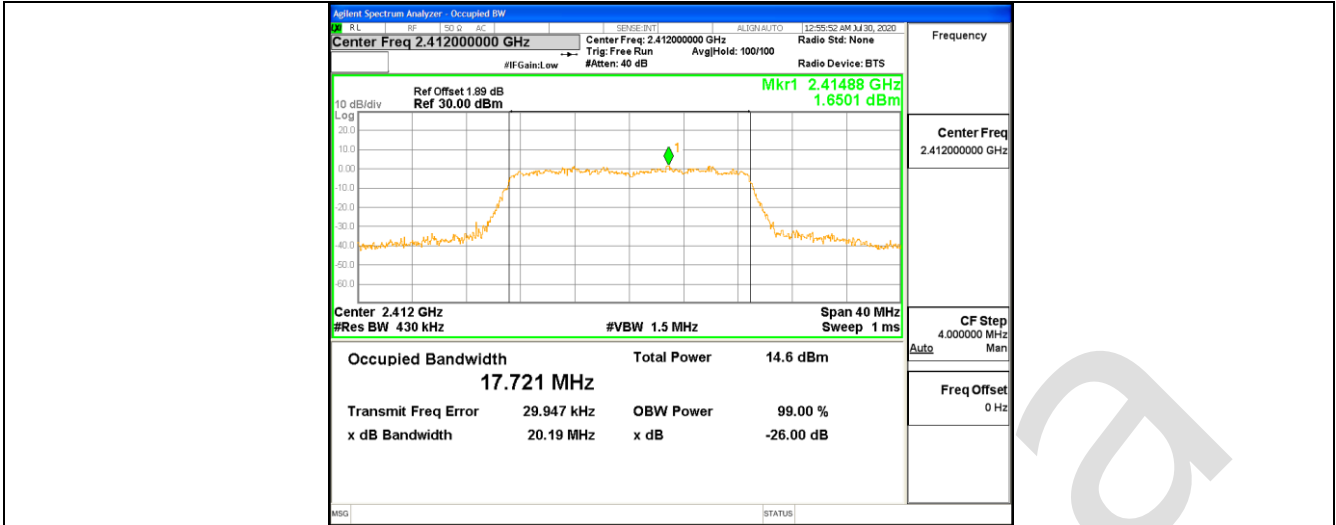
11G_Ant1_2437



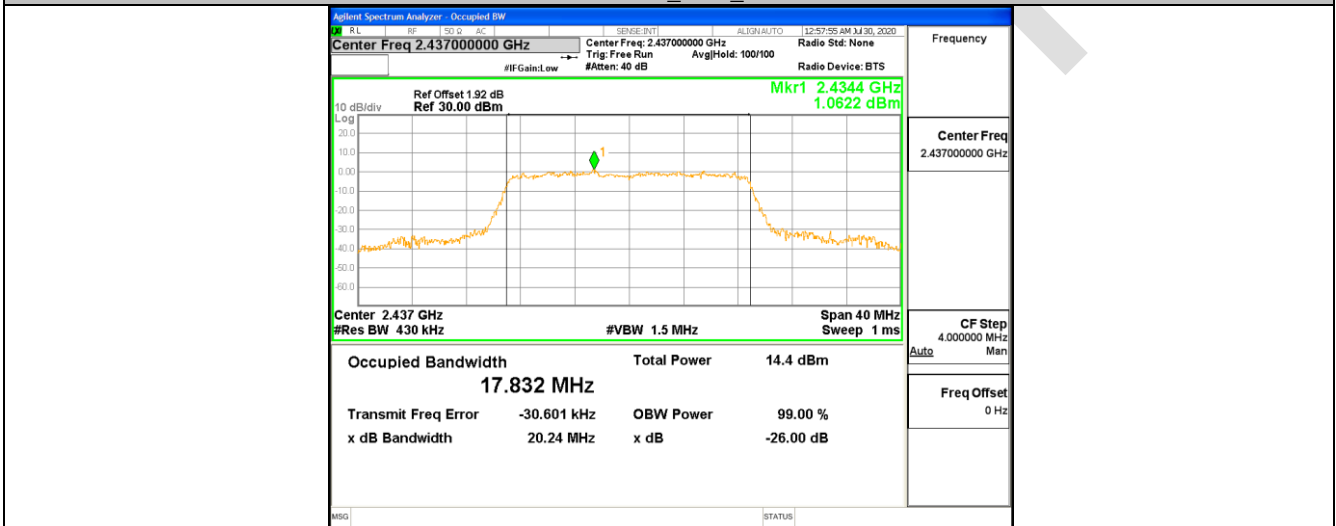
11G_Ant1_2462



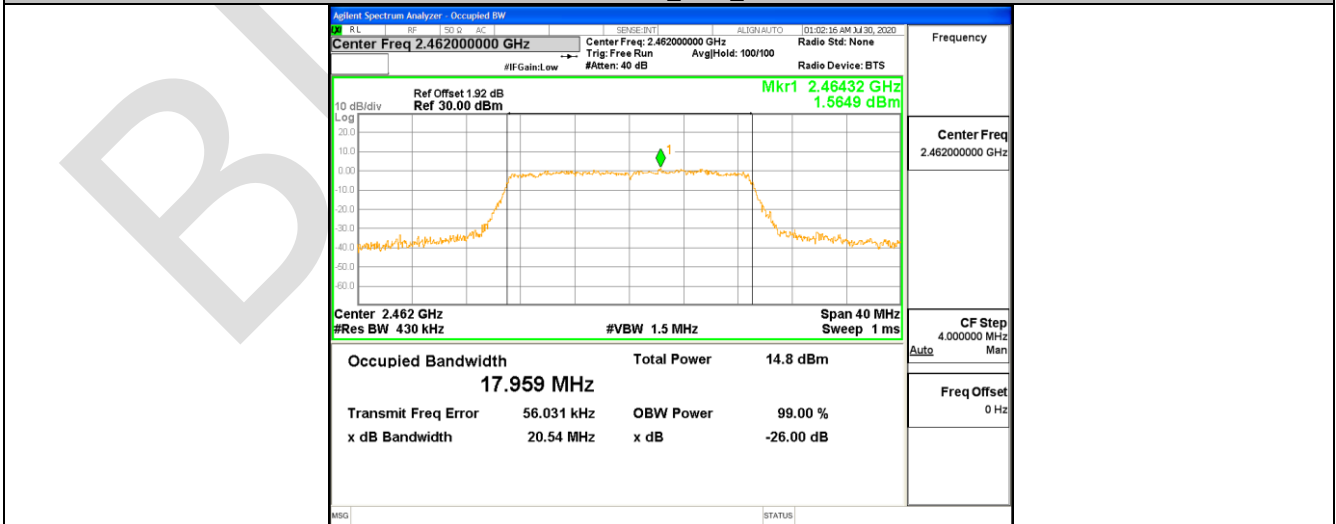
11N20SISO_Ant1_2412



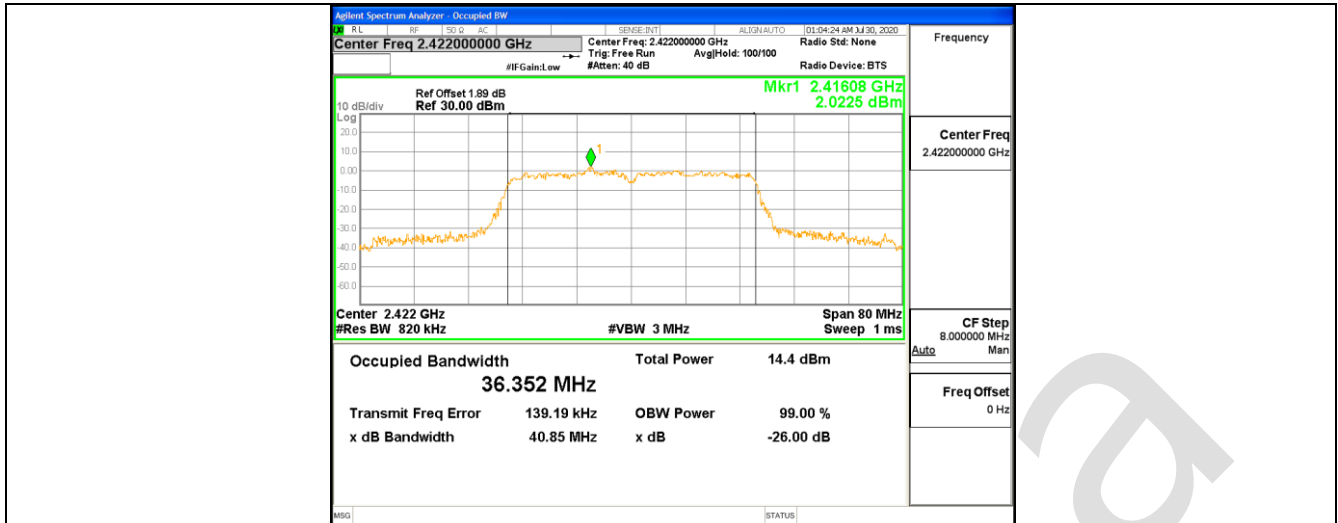
11N20SISO_Ant1_2437



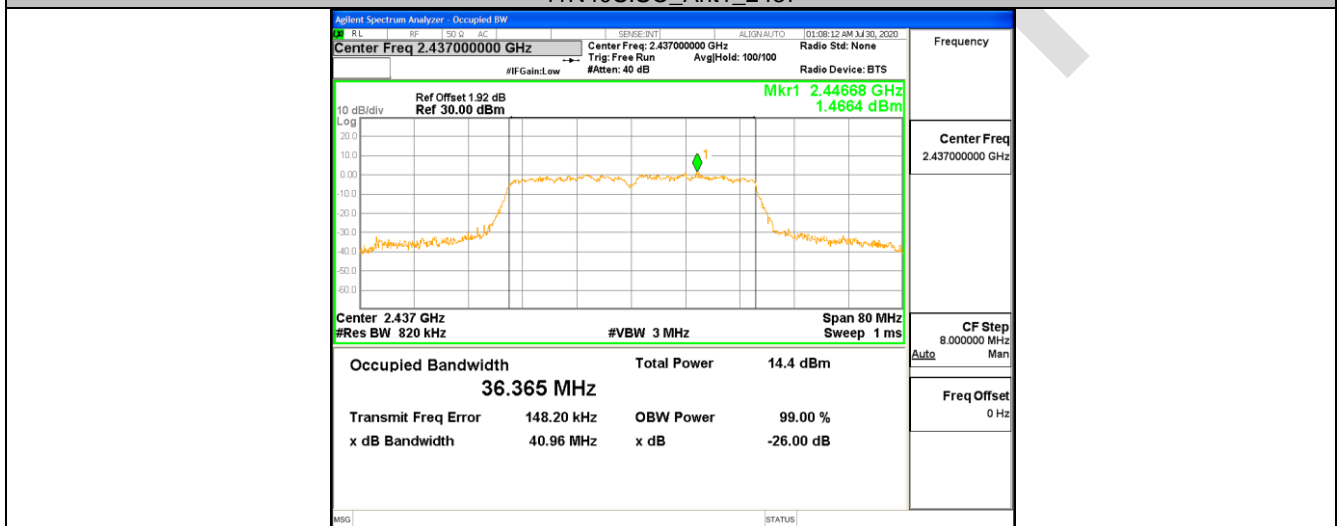
11N20SISO_Ant1_2462



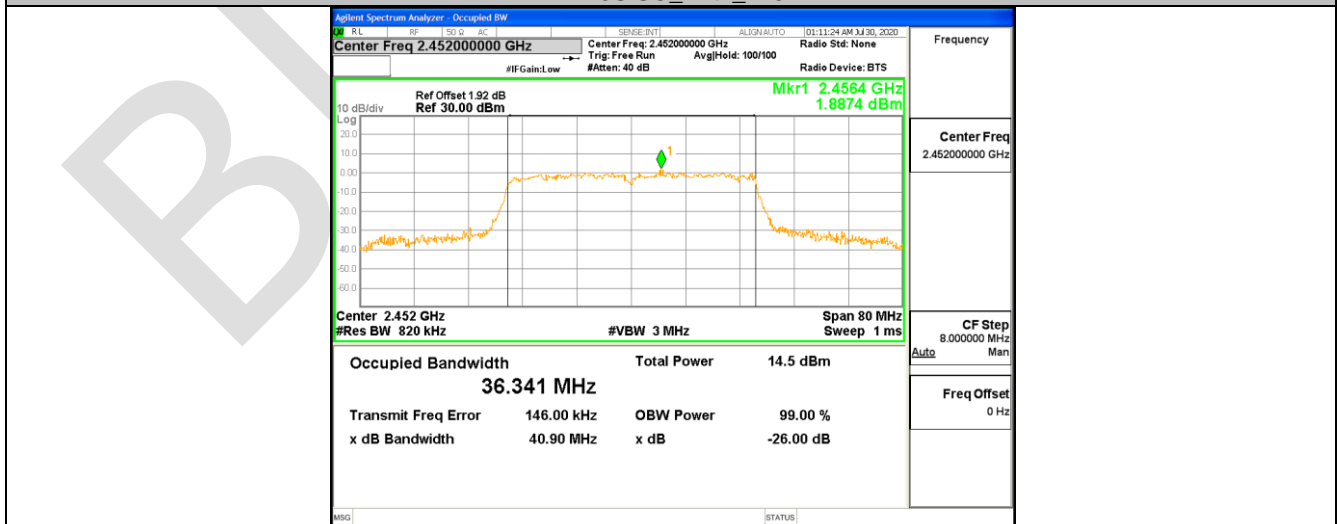
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



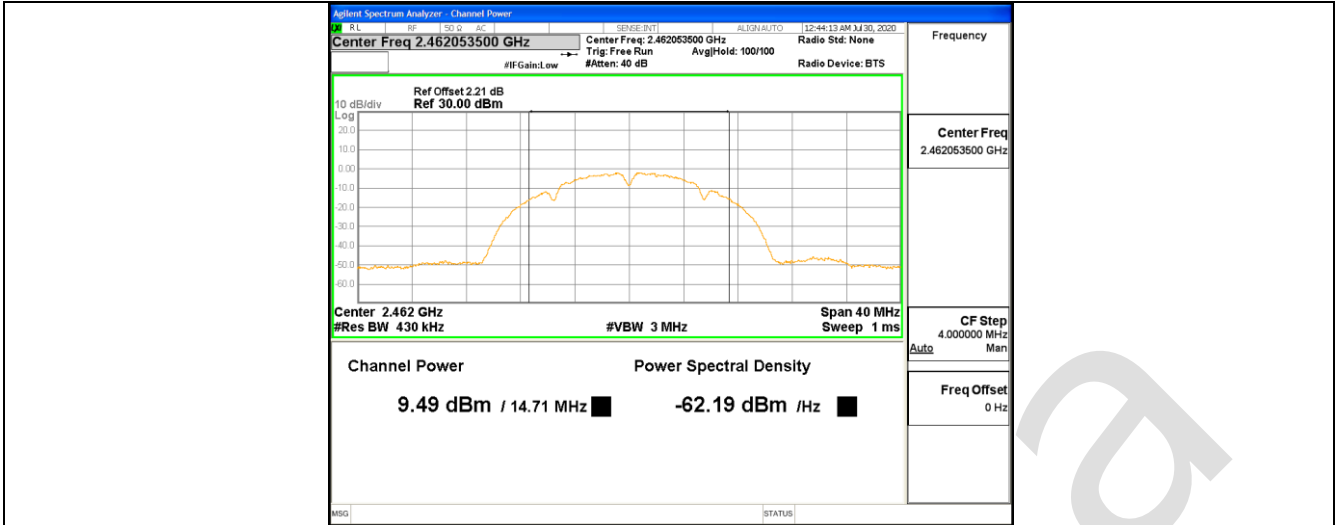
10.3 APPENDIXC: MAXIMUM CONDUCTED OUTPUT POWER

Test Result

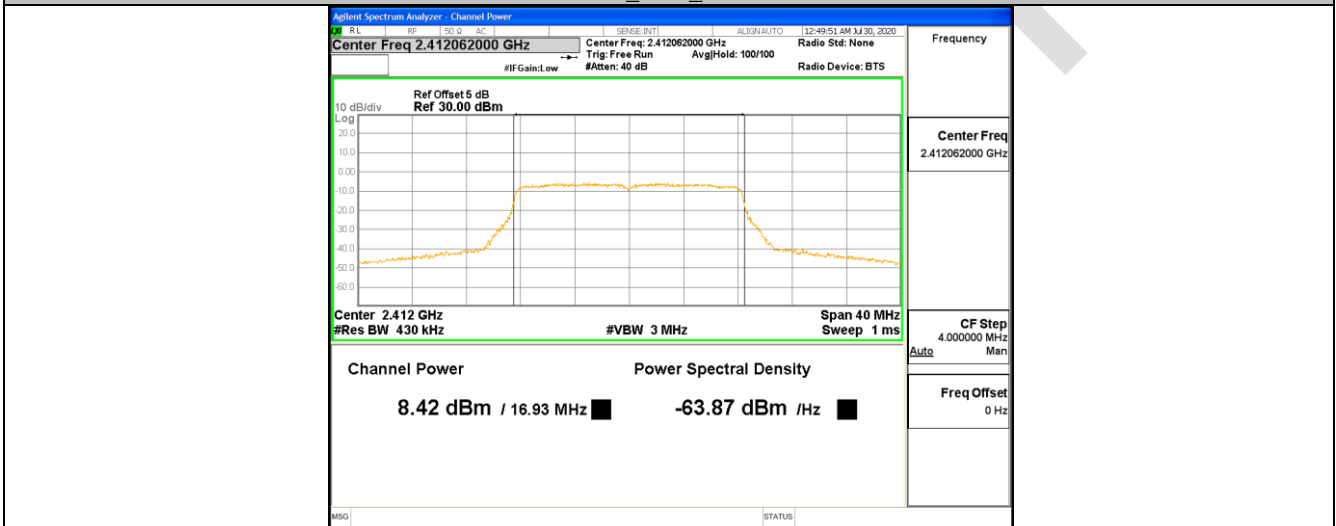
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	8.84	<=30	PASS
		2437	8.93	<=30	PASS
		2462	9.49	<=30	PASS
11G	Ant1	2412	8.42	<=30	PASS
		2437	8.47	<=30	PASS
		2462	9.56	<=30	PASS
11N20SISO	Ant1	2412	8.92	<=30	PASS
		2437	8.98	<=30	PASS
		2462	8.92	<=30	PASS
11N40SISO	Ant1	2422	8.31	<=30	PASS
		2437	8.00	<=30	PASS
		2452	7.92	<=30	PASS

Test Graphs

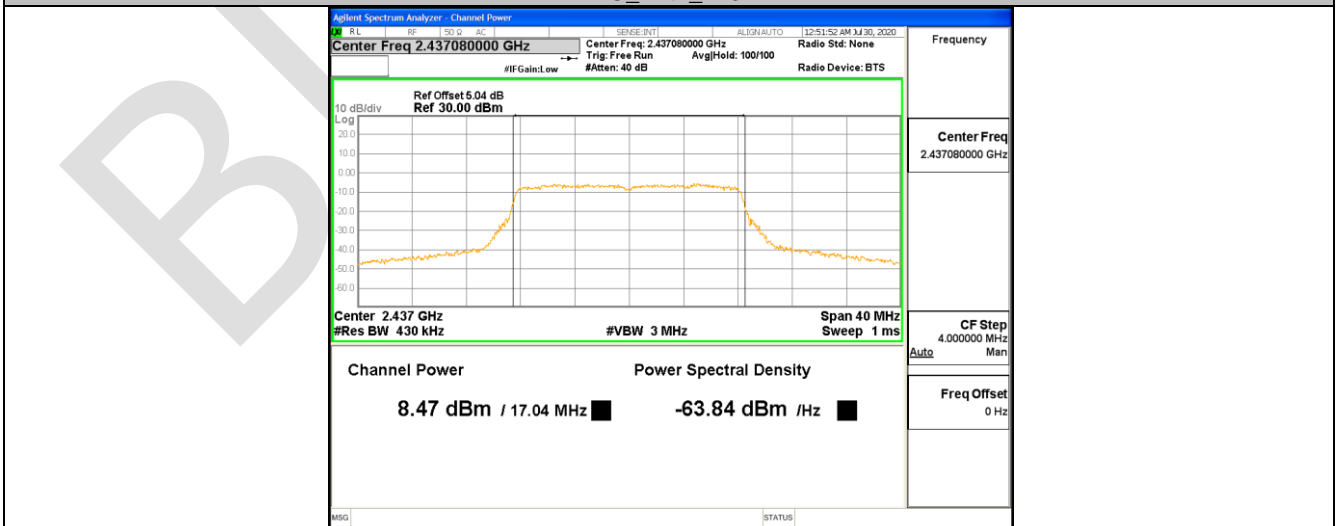




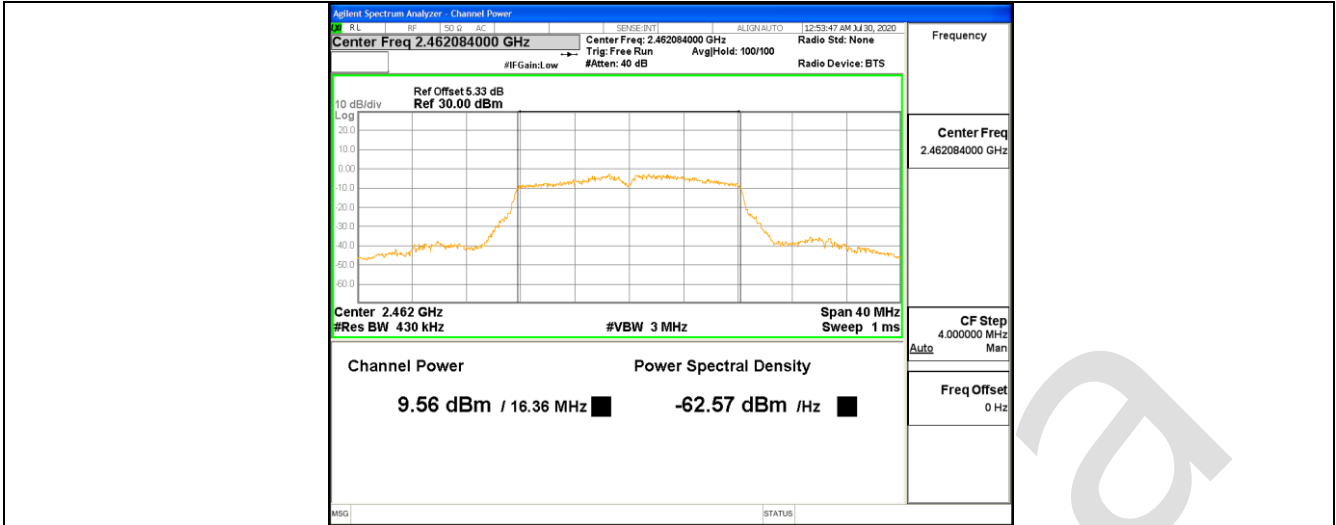
11G_Ant1_2412



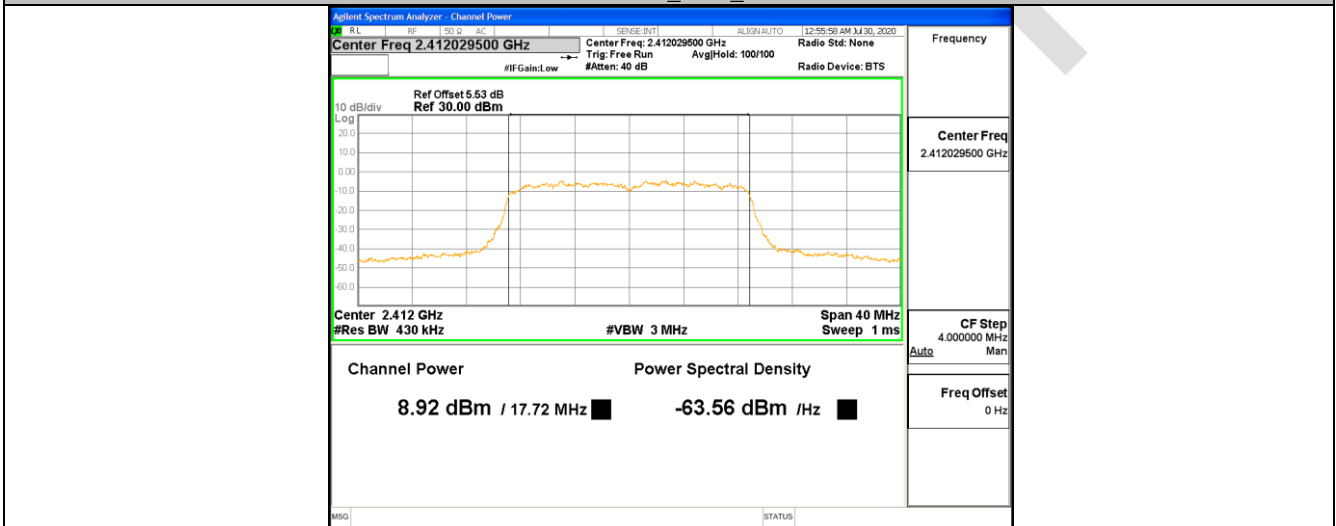
11G_Ant1_2437



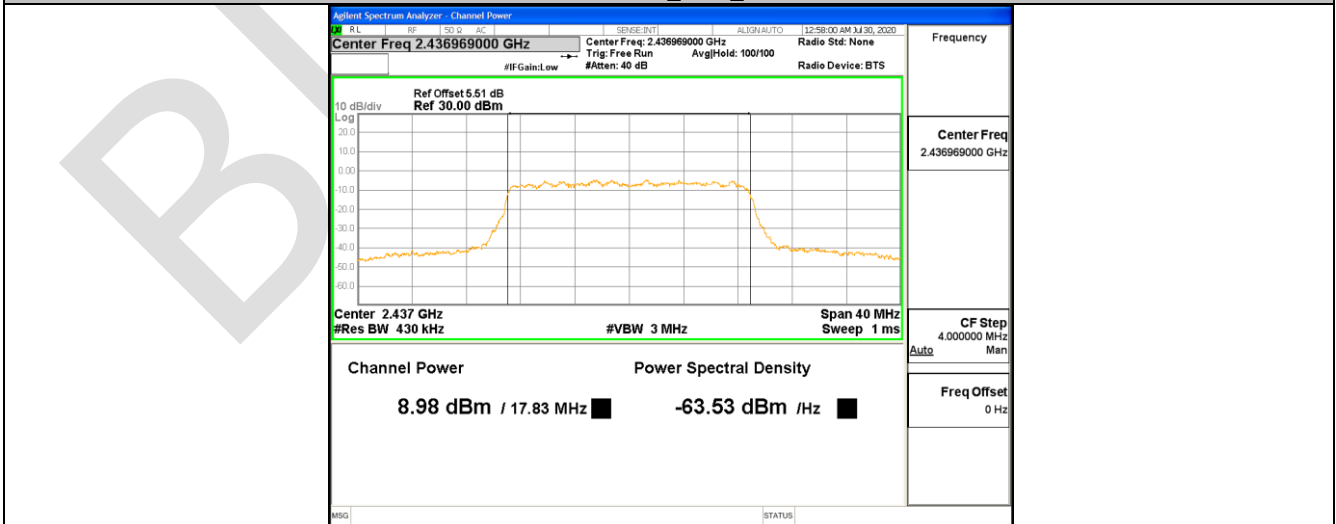
11G_Ant1_2462



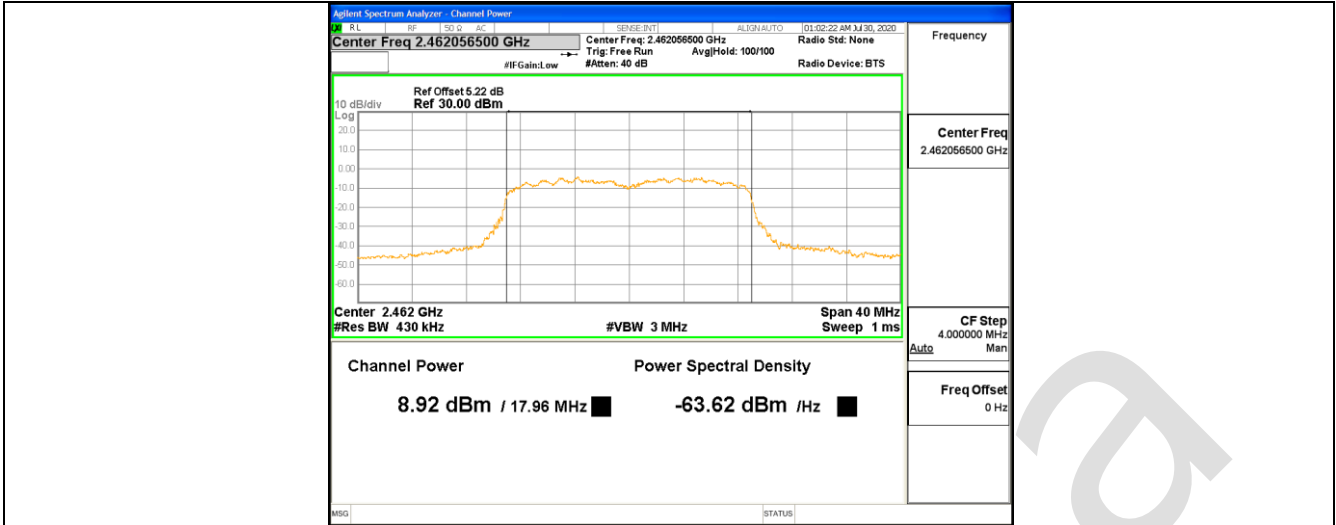
11N20SISO_Ant1_2412



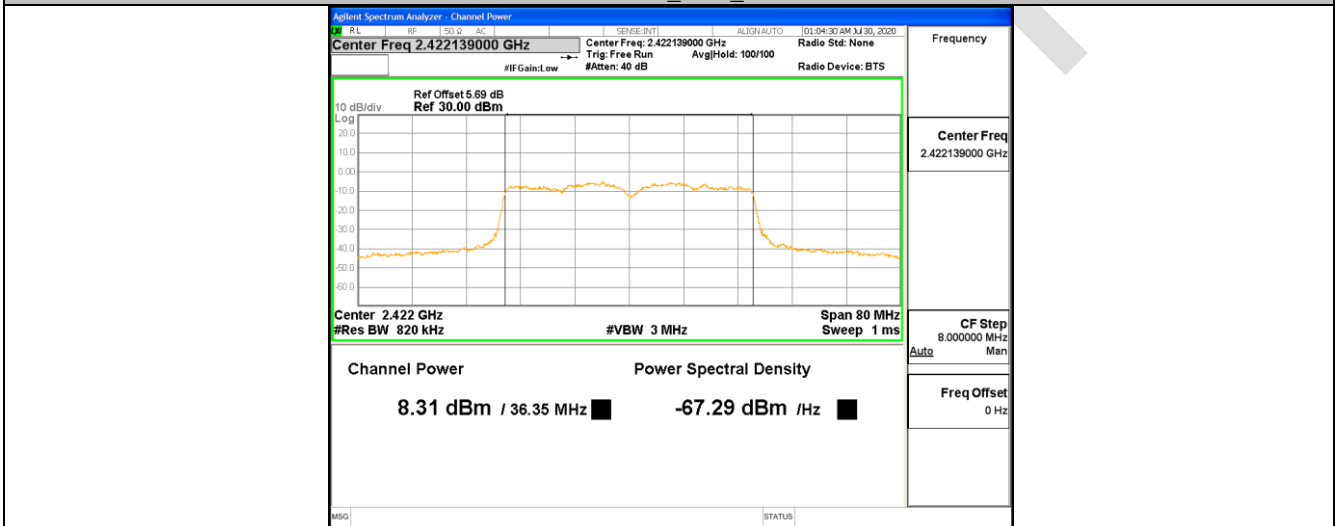
11N20SISO_Ant1_2437



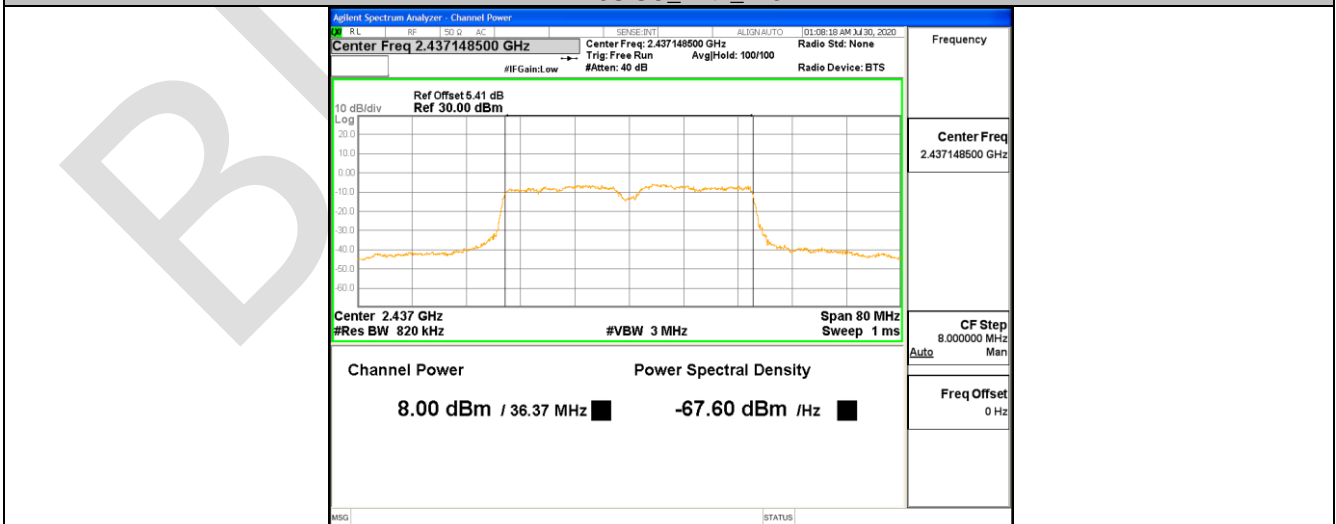
11N20SISO_Ant1_2462



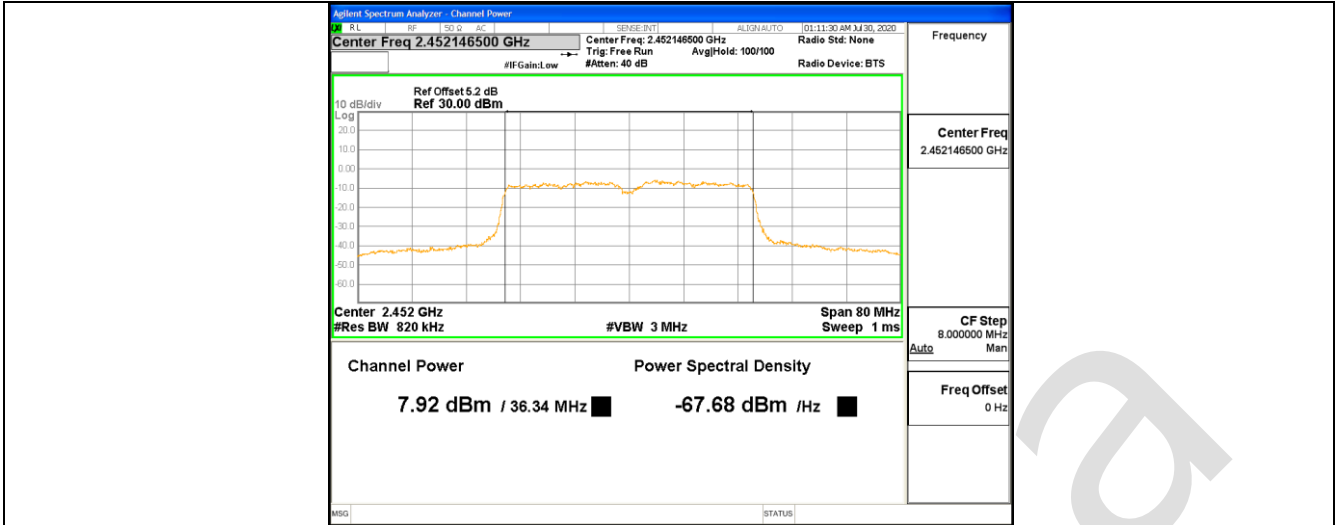
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



10.4 APPENDIXD: MAXIMUM POWER SPECTRAL DENSITY

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.75	<=8	PASS
		2437	-17.72	<=8	PASS
		2462	-17.01	<=8	PASS
11G	Ant1	2412	-13.59	<=8	PASS
		2437	-14.61	<=8	PASS
		2462	-14.02	<=8	PASS
11N20SISO	Ant1	2412	-13.49	<=8	PASS
		2437	-14.41	<=8	PASS
		2462	-14.69	<=8	PASS
11N40SISO	Ant1	2422	-16.74	<=8	PASS
		2437	-17.01	<=8	PASS
		2452	-17.45	<=8	PASS

Test Graphs

