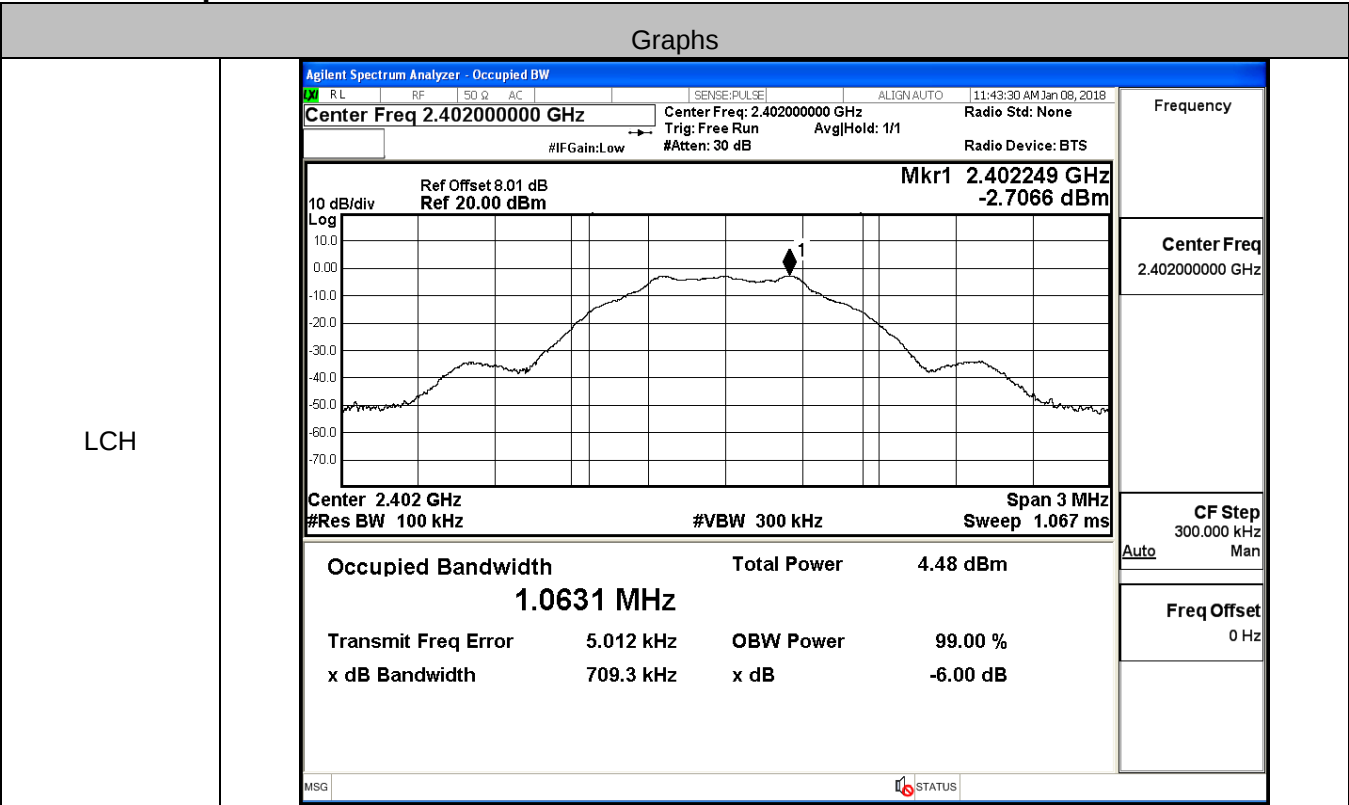


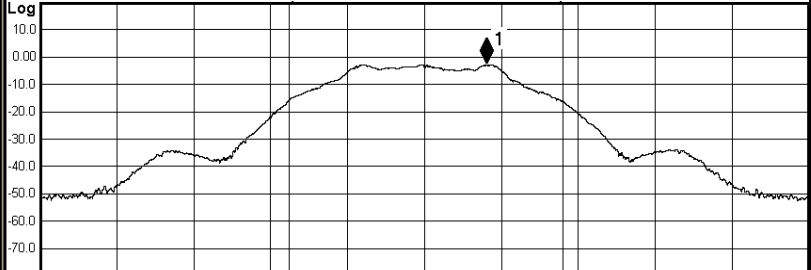
Section A): 6dB Bandwidth and 99% Bandwidth

Test Result

Mode	Channel	6dB Bandwidth [MHz]	99% Bandwidth [MHz]	Verdict
BLE	LCH	0.7093	1.0631	PASS
BLE	MCH	0.7060	1.0636	PASS
BLE	HCH	0.7134	1.0638	PASS

Test Graphs



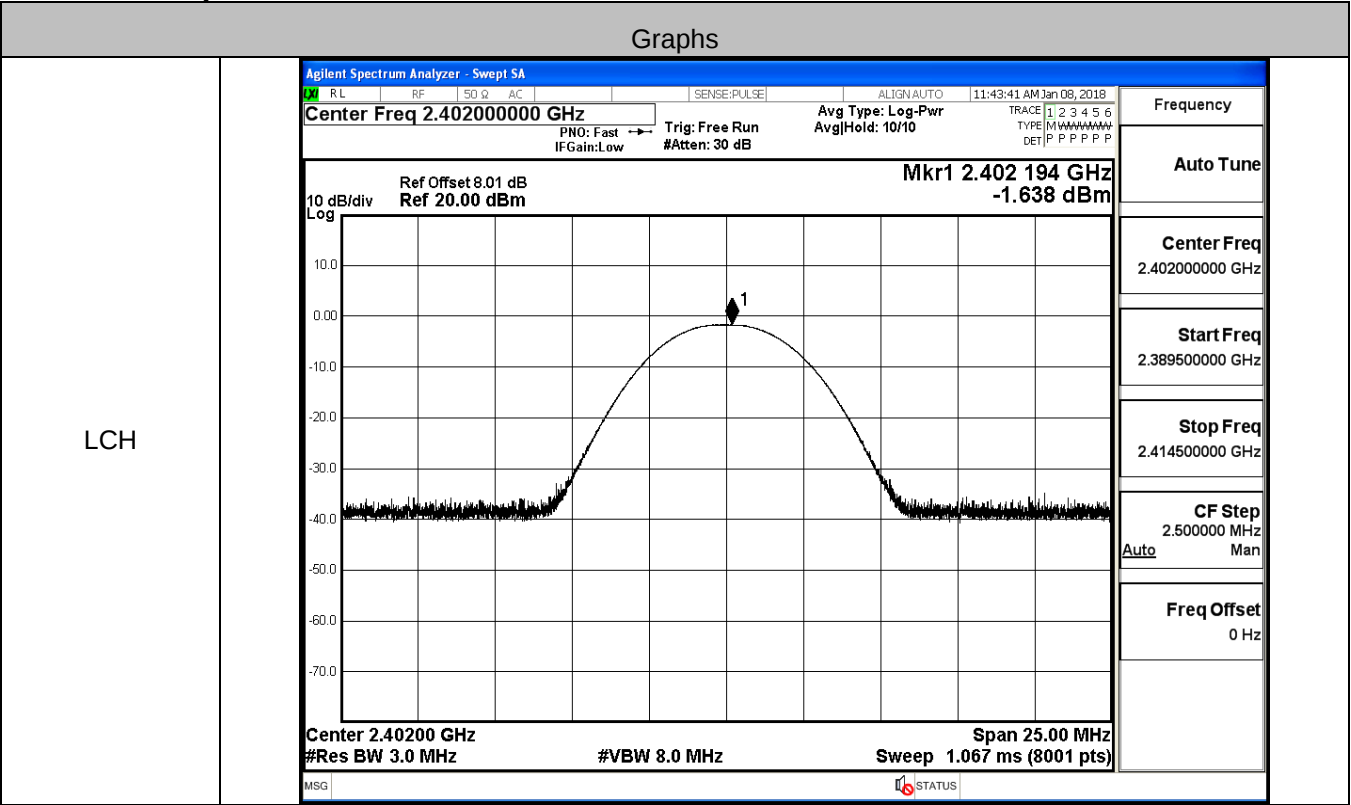
MCH	Agilent Spectrum Analyzer - Occupied BW RLRF50 QACSENSE:PULSEALIGN AUTO11:45:55 AM Jan 08, 2018 Center Freq 2.440000000 GHz Center Freq: 2.440000000 GHz Trig: Free Run AvgHld: 1/1 Radio Std: None #IFGain:Low #Atten: 30 dB Radio Device: BTS 10 dB/div Ref Offset 8.01 dB Ref 20.00 dBm Mkr1 2.4402438 GHz -2.7562 dBm Log  Center 2.44 GHz #Res BW 100 kHz #VBW 300 kHz Span 3 MHz Sweep 1.067 ms Occupied Bandwidth 1.0636 MHz Total Power 4.42 dBm Transmit Freq Error 5.877 kHz OBW Power 99.00 % x dB Bandwidth 706.0 kHz x dB -6.00 dB MSG STATUS	Frequency Center Freq 2.440000000 GHz CF Step 300.000 kHz Man Freq Offset 0 Hz
HCH	Agilent Spectrum Analyzer - Occupied BW RLRF50 QACSENSE:PULSEALIGN AUTO11:47:42 AM Jan 08, 2018 Center Freq 2.480000000 GHz Center Freq: 2.480000000 GHz Trig: Free Run AvgHld: 1/1 Radio Std: None #IFGain:Low #Atten: 30 dB Radio Device: BTS 10 dB/div Ref Offset 8.01 dB Ref 20.00 dBm Mkr1 2.4802475 GHz -2.7672 dBm Log  Center 2.48 GHz #Res BW 100 kHz #VBW 300 kHz Span 3 MHz Sweep 1.067 ms Occupied Bandwidth 1.0638 MHz Total Power 4.38 dBm Transmit Freq Error 4.908 kHz OBW Power 99.00 % x dB Bandwidth 713.4 kHz x dB -6.00 dB MSG STATUS	Frequency Center Freq 2.480000000 GHz CF Step 300.000 kHz Man Freq Offset 0 Hz

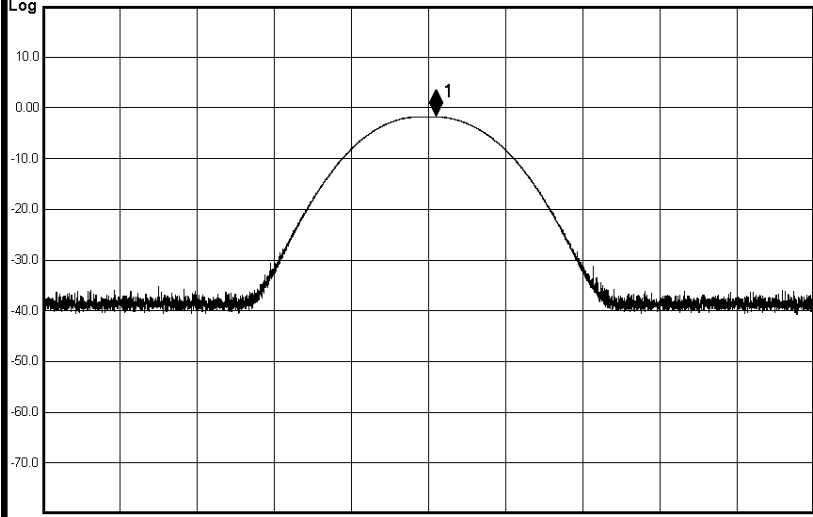
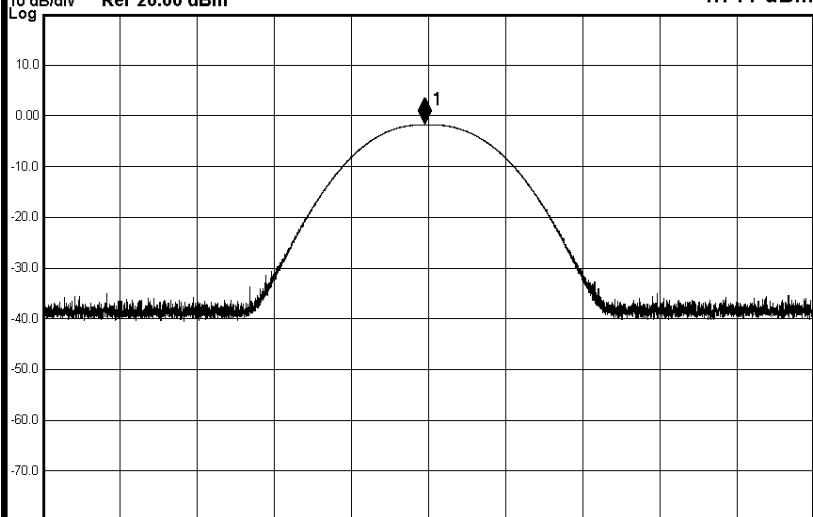
Section B): Conducted Peak Output Power

Test Result

Mode	Channel	Conduct Peak Power[dBm]	Verdict
BLE	LCH	-1.638	PASS
BLE	MCH	-1.724	PASS
BLE	HCH	-1.711	PASS

Test Graphs



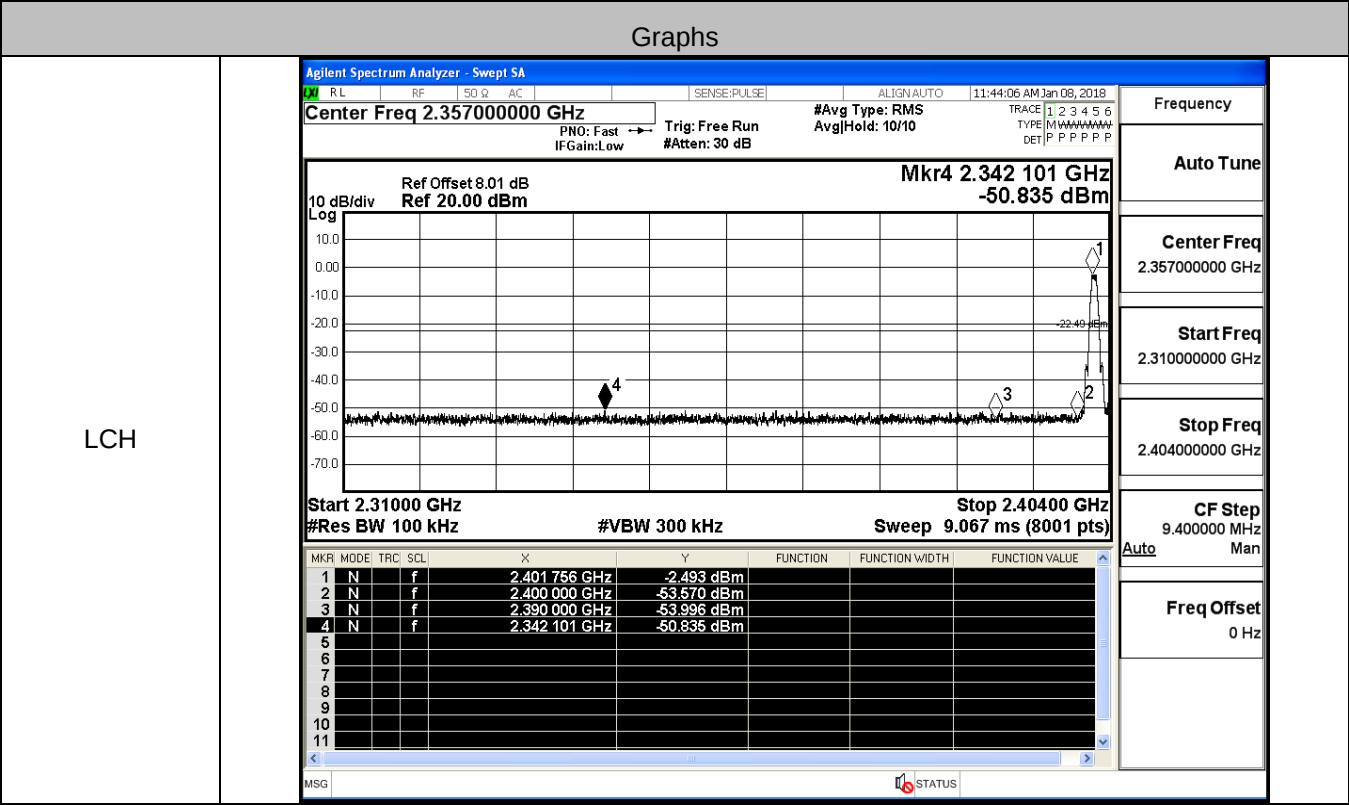
MCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 11:46:06 AM Jan 08, 2018 Center Freq 2.440000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 10/10 TRACE 1 2 3 4 5 6 TYPE M W M M M M M M M M DET P P P P P P P P Ref Offset 8.01 dB Ref 20.00 dBm Mkr1 2.440 234 GHz -1.724 dBm 10 dB/div Log  Center 2.44000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 25.00 MHz Sweep 1.067 ms (8001 pts) MSG STATUS	Frequency Auto Tune Center Freq 2.440000000 GHz Start Freq 2.427500000 GHz Stop Freq 2.452500000 GHz CF Step 2.500000 MHz Auto Man Freq Offset 0 Hz
	HCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 11:47:53 AM Jan 08, 2018 Center Freq 2.480000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 10/10 TRACE 1 2 3 4 5 6 TYPE M W M M M M M M M M DET P P P P P P P P Ref Offset 8.01 dB Ref 20.00 dBm Mkr1 2.479 872 GHz -1.711 dBm 10 dB/div Log  Center 2.48000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 25.00 MHz Sweep 1.067 ms (8001 pts) MSG STATUS

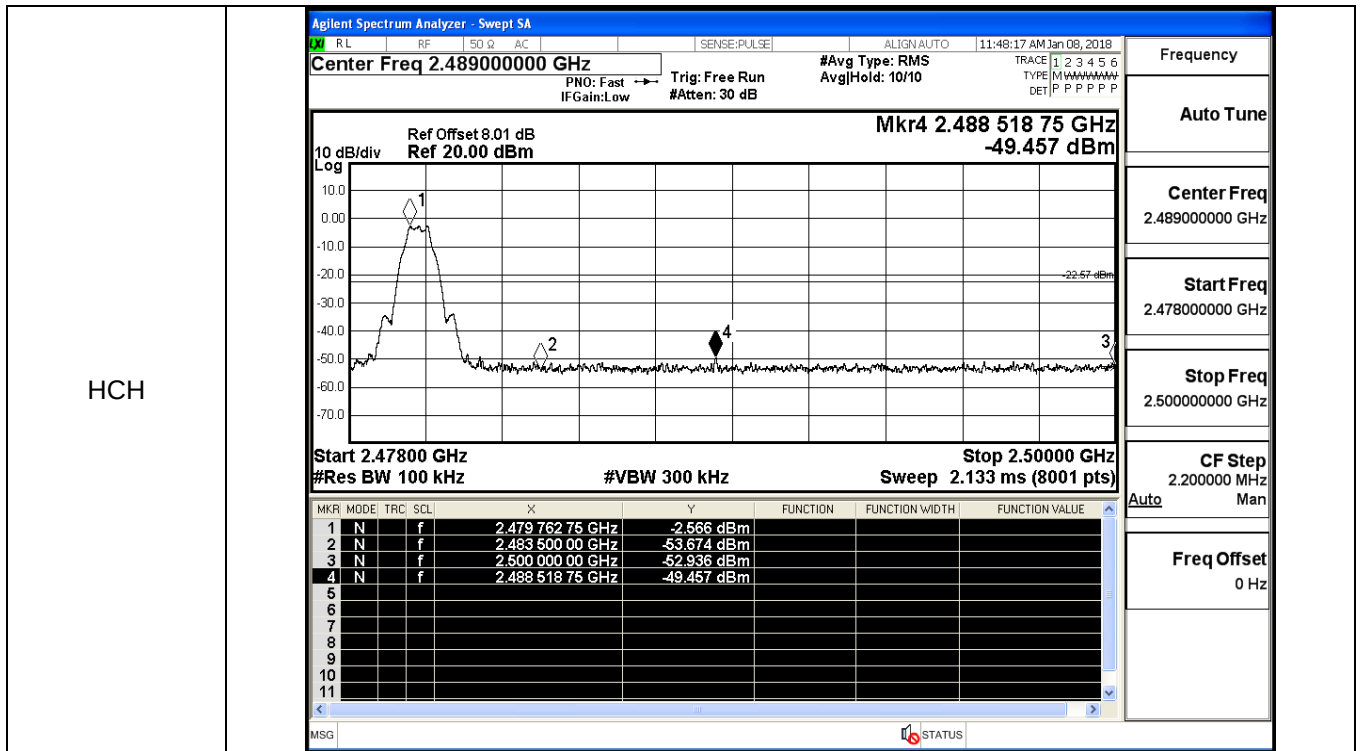
Section C): Band-edge for RF Conducted Emissions

Result Table

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BLE	LCH	-2.493	-50.835	-22.49	PASS
BLE	HCH	-2.566	-49.457	-22.57	PASS

Test Graphs



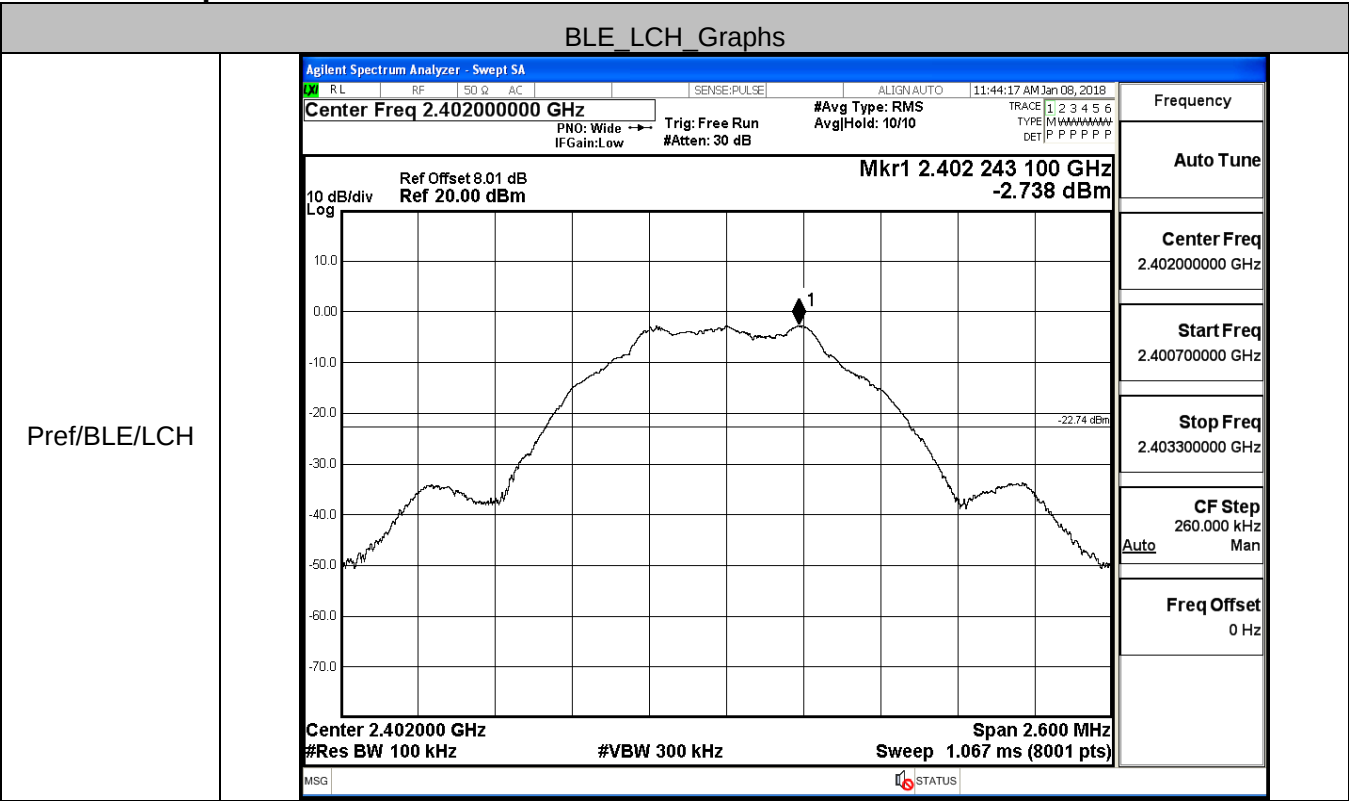


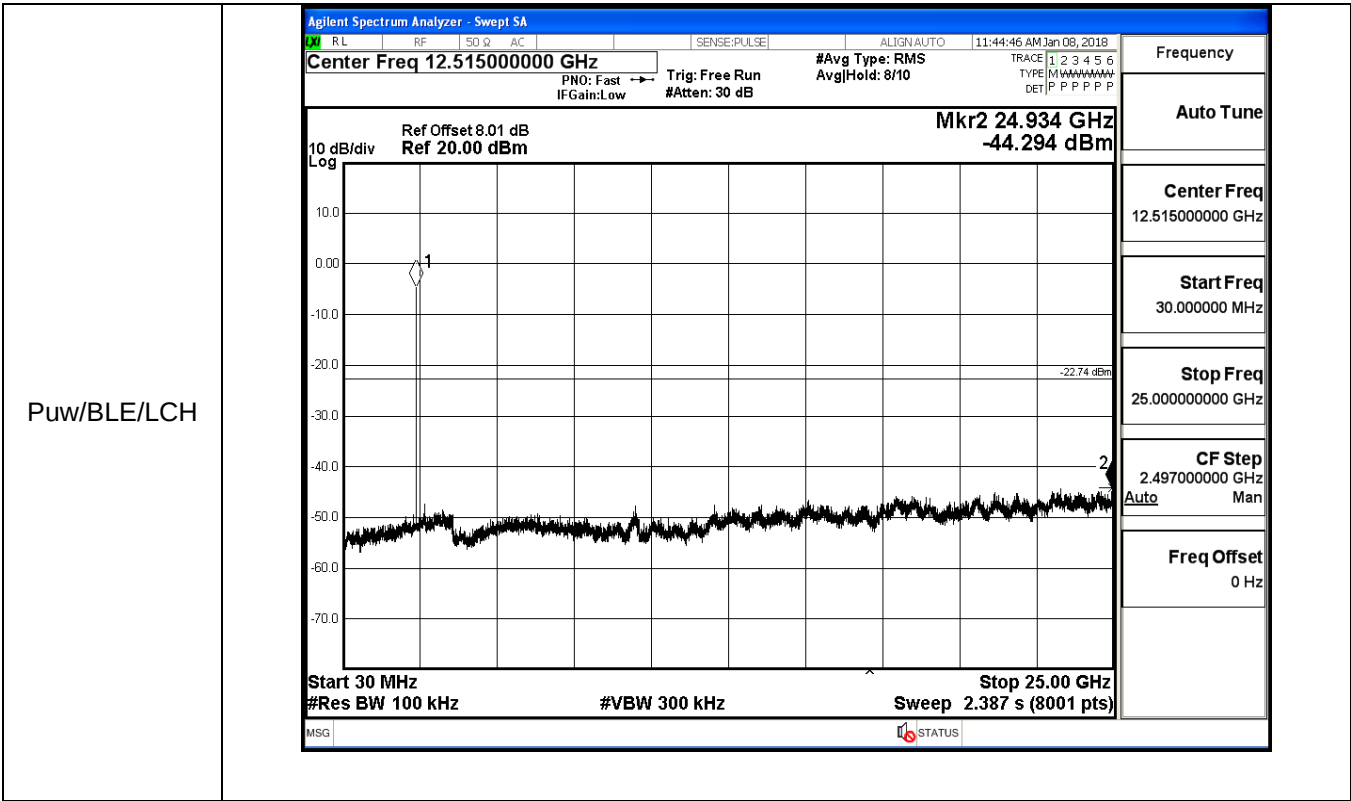
Section D): RF Conducted Spurious Emissions

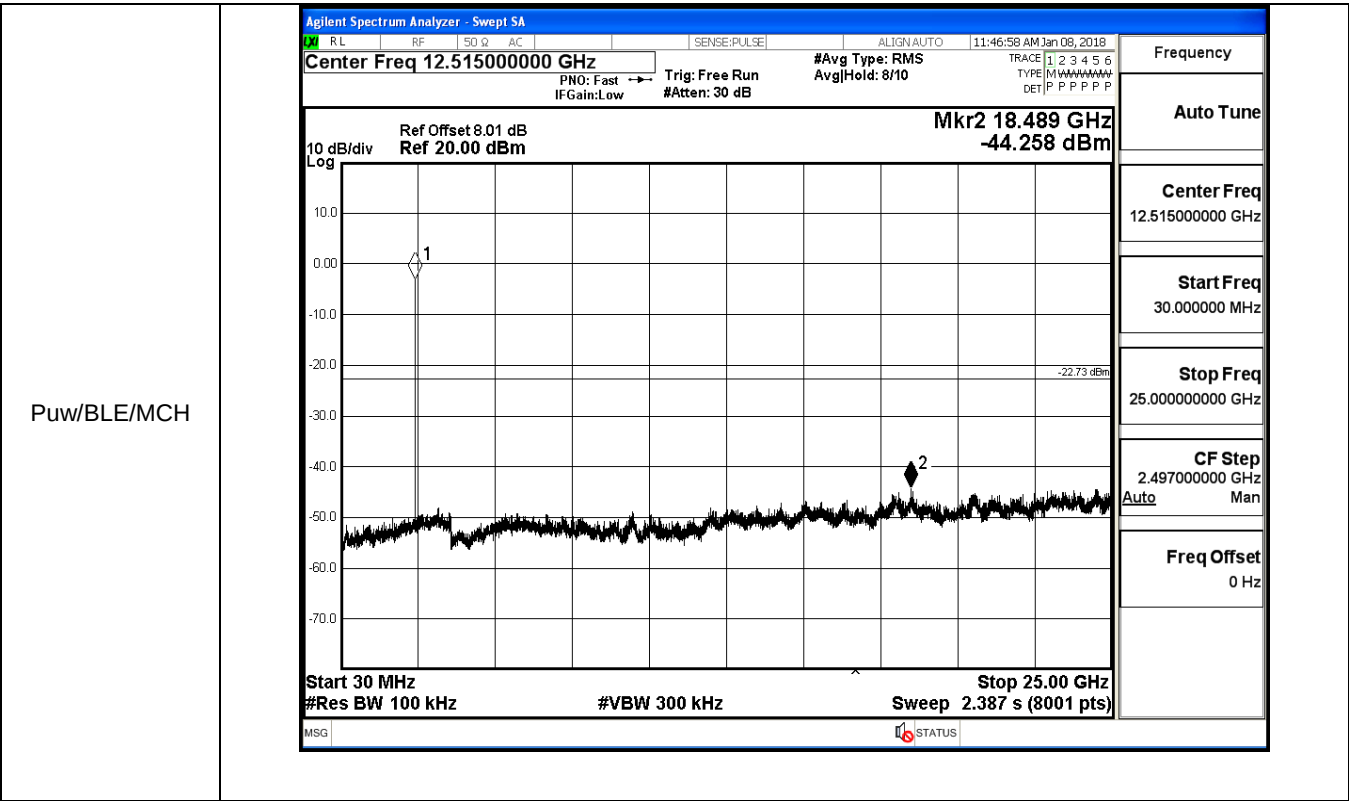
Result Table

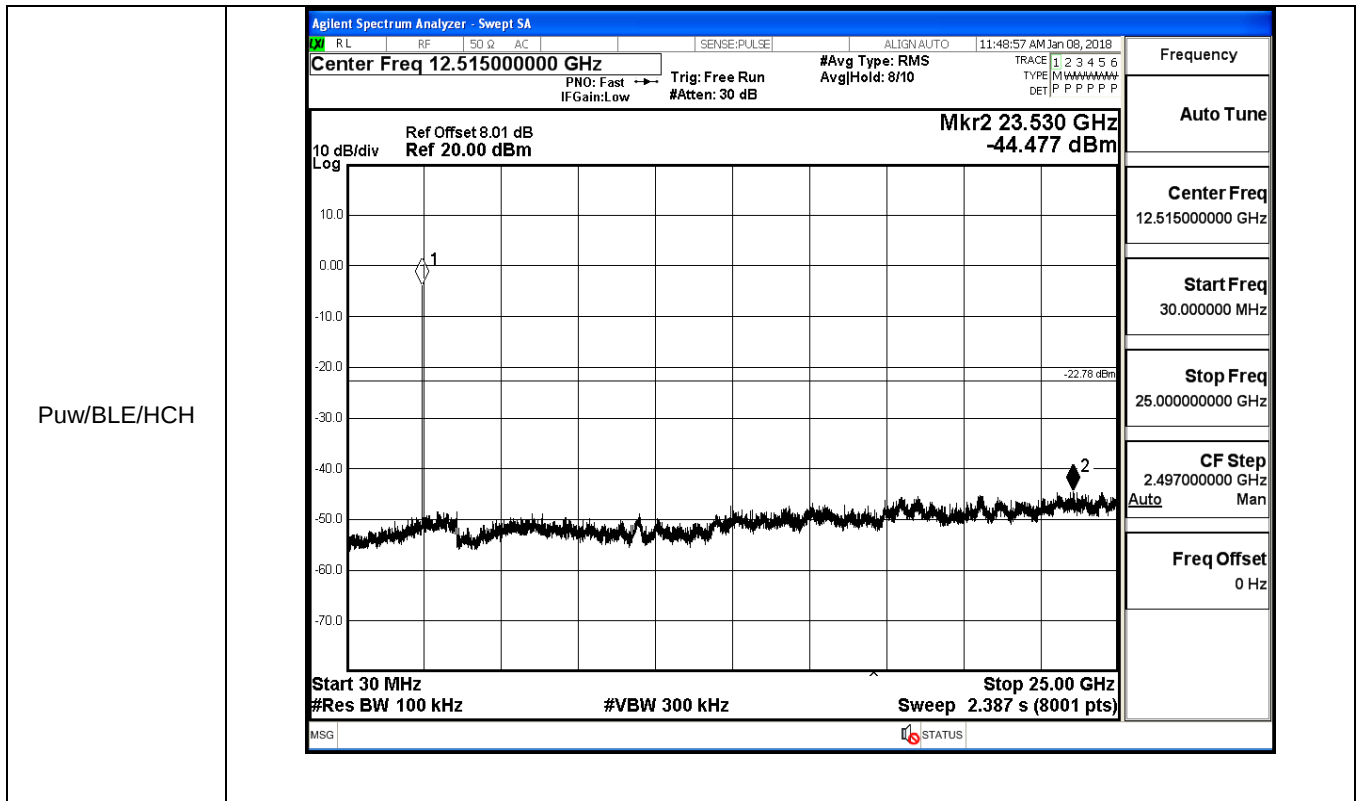
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
BLE	LCH	-2.738	<Limit	PASS
BLE	MCH	-2.734	<Limit	PASS
BLE	HCH	-2.776	<Limit	PASS

Test Graphs







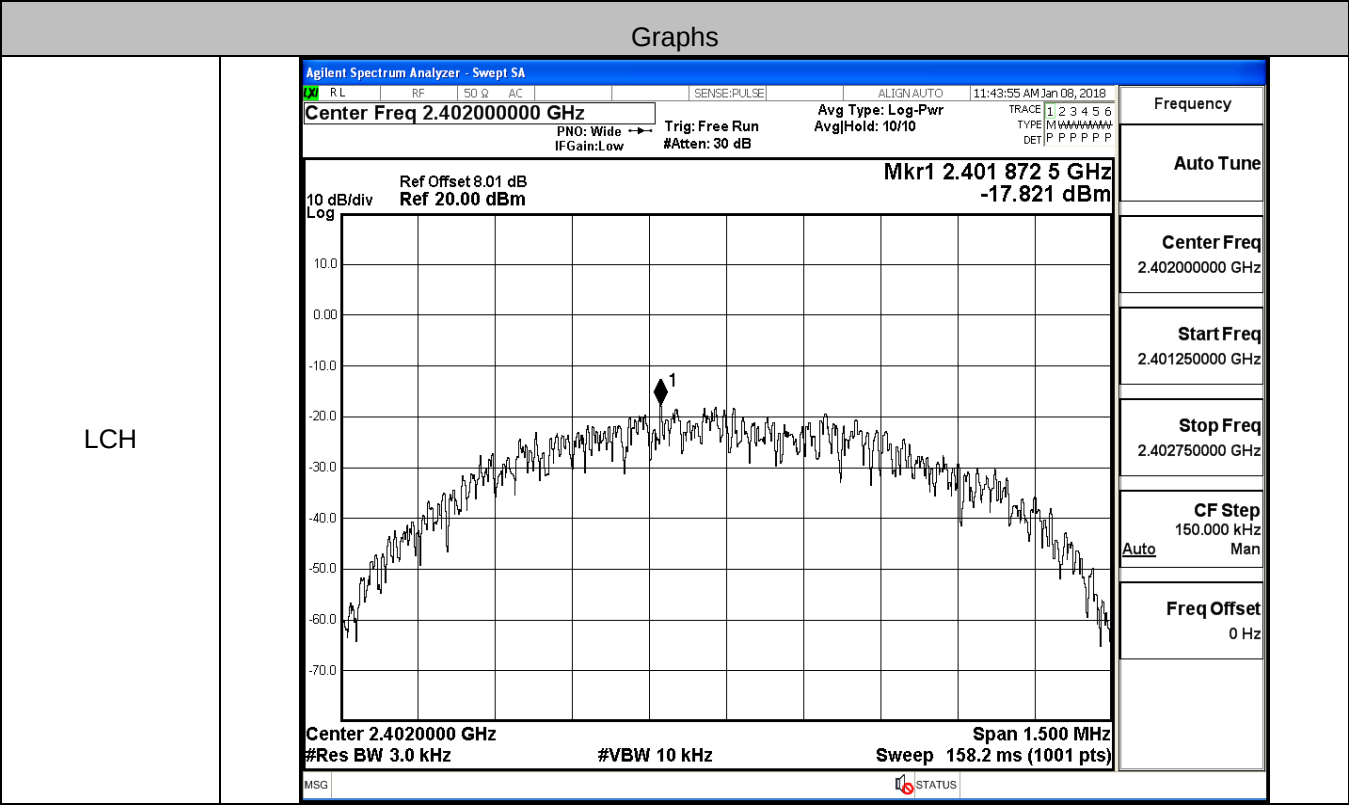


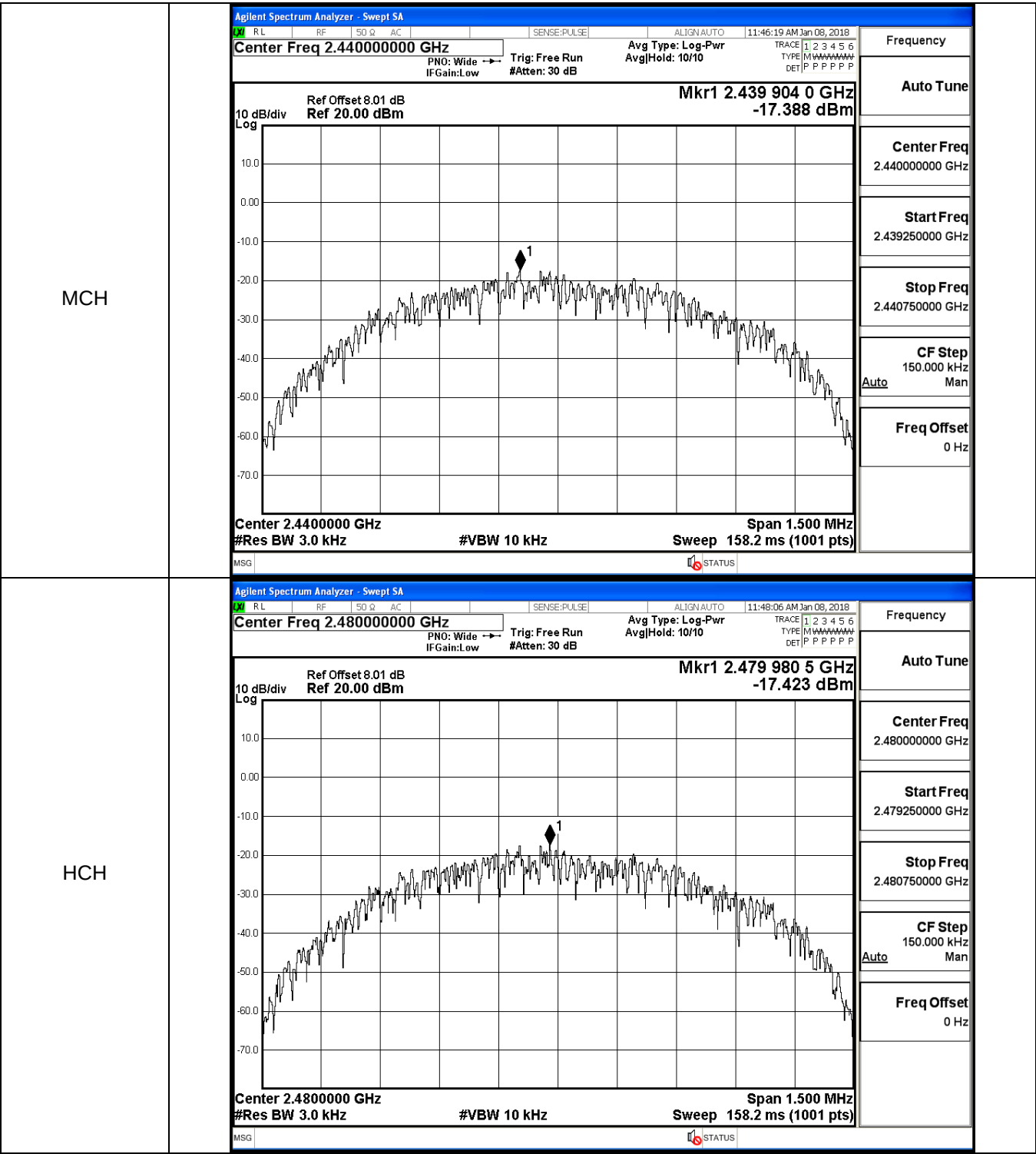
Section E): Power Spectral Density

Result Table

Mode	Channel	PSD [dBm]	Verdict
BLE	LCH	-17.821	PASS
BLE	MCH	-17.388	PASS
BLE	HCH	-17.423	PASS

Test Graphs



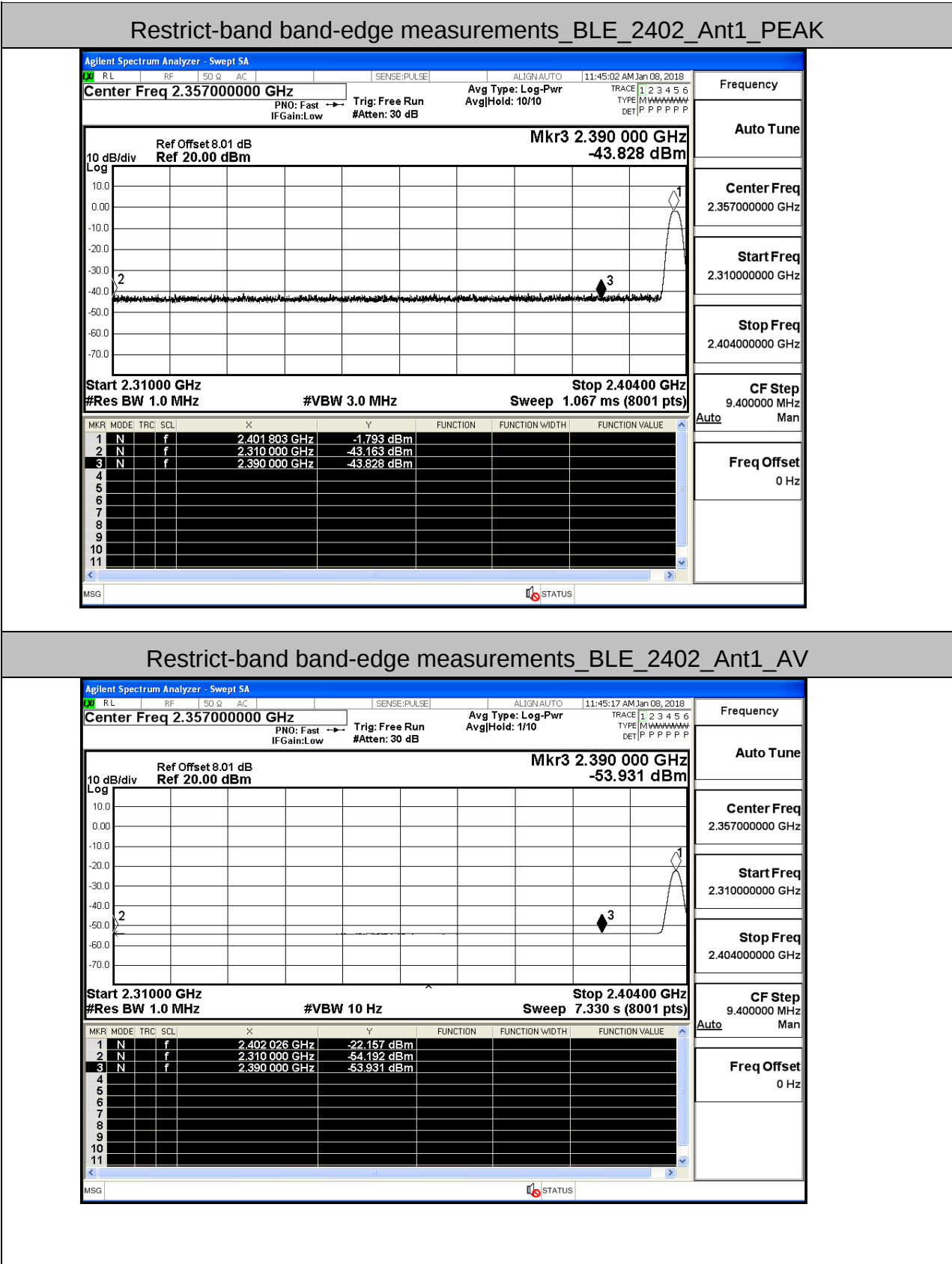


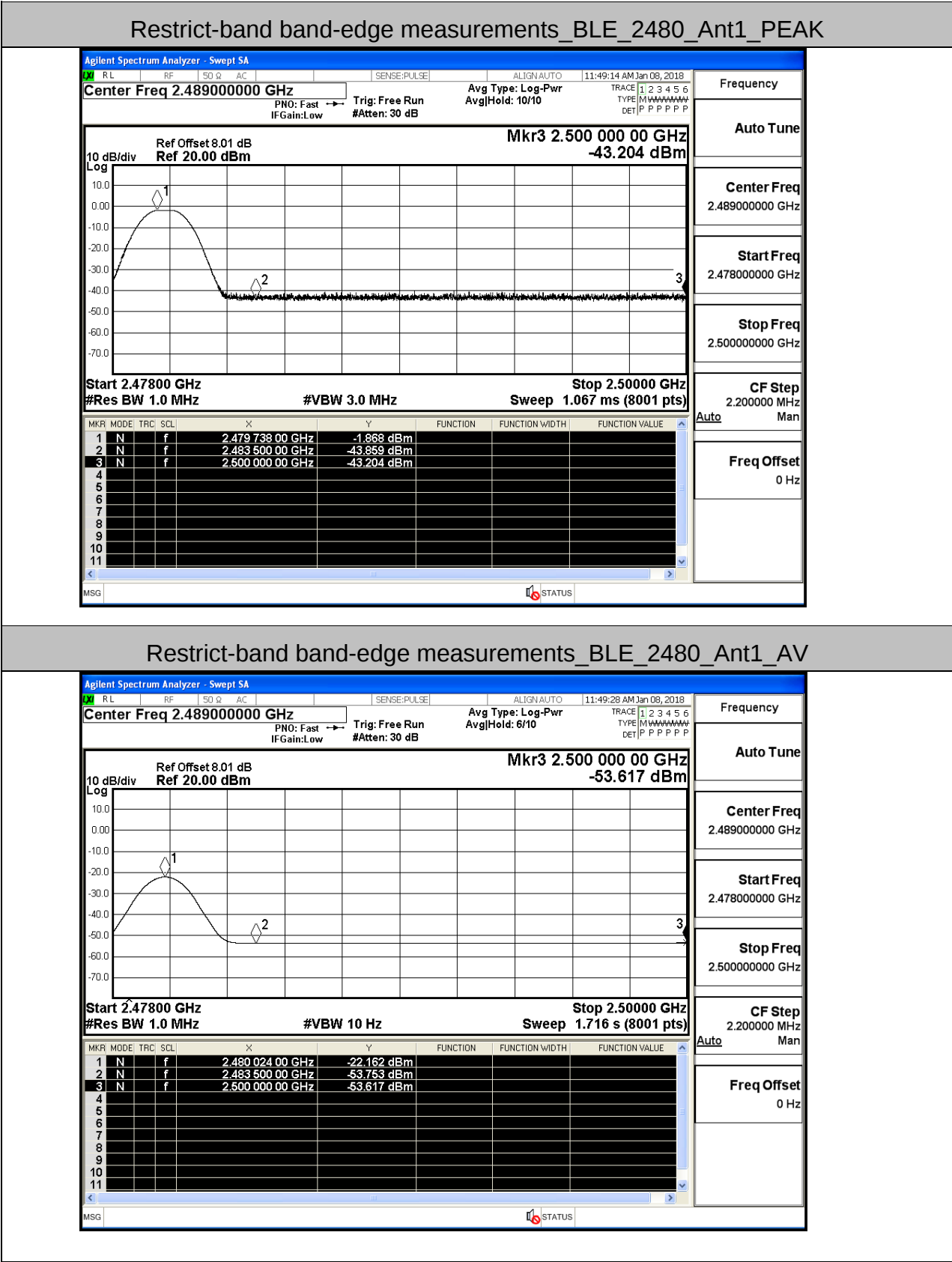
Section F):Restrict-band band-edge measurements

Result Table

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
BLE	2402	Ant1	2310.0	-43.16	2	0	52.09	PEAK	74	PASS
BLE	2402	Ant1	2310.0	-54.19	2	0	41.07	AV	54	PASS
BLE	2402	Ant1	2390.0	-43.83	2	0	51.43	PEAK	74	PASS
BLE	2402	Ant1	2390.0	-53.93	2	0	41.33	AV	54	PASS
BLE	2480	Ant1	2483.5	-43.86	2	0	51.40	PEAK	74	PASS
BLE	2480	Ant1	2483.5	-53.75	2	0	41.50	AV	54	PASS
BLE	2480	Ant1	2500.0	-43.20	2	0	52.05	PEAK	74	PASS
BLE	2480	Ant1	2500.0	-53.62	2	0	41.64	AV	54	PASS

Test Graphs





Section G):Duty Cycle

Result Table

Test Mode	Test	Ant	Duty Cycle[%]	Verdict
BLE	2440	Ant1	100	PASS

Test Graphs

