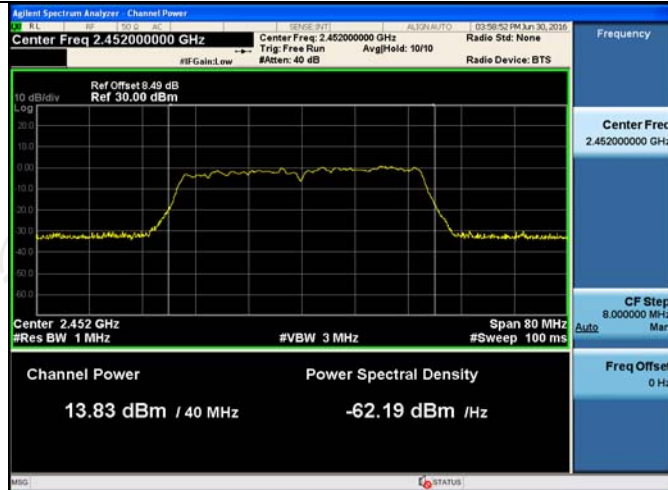


11N40SISO/HCH

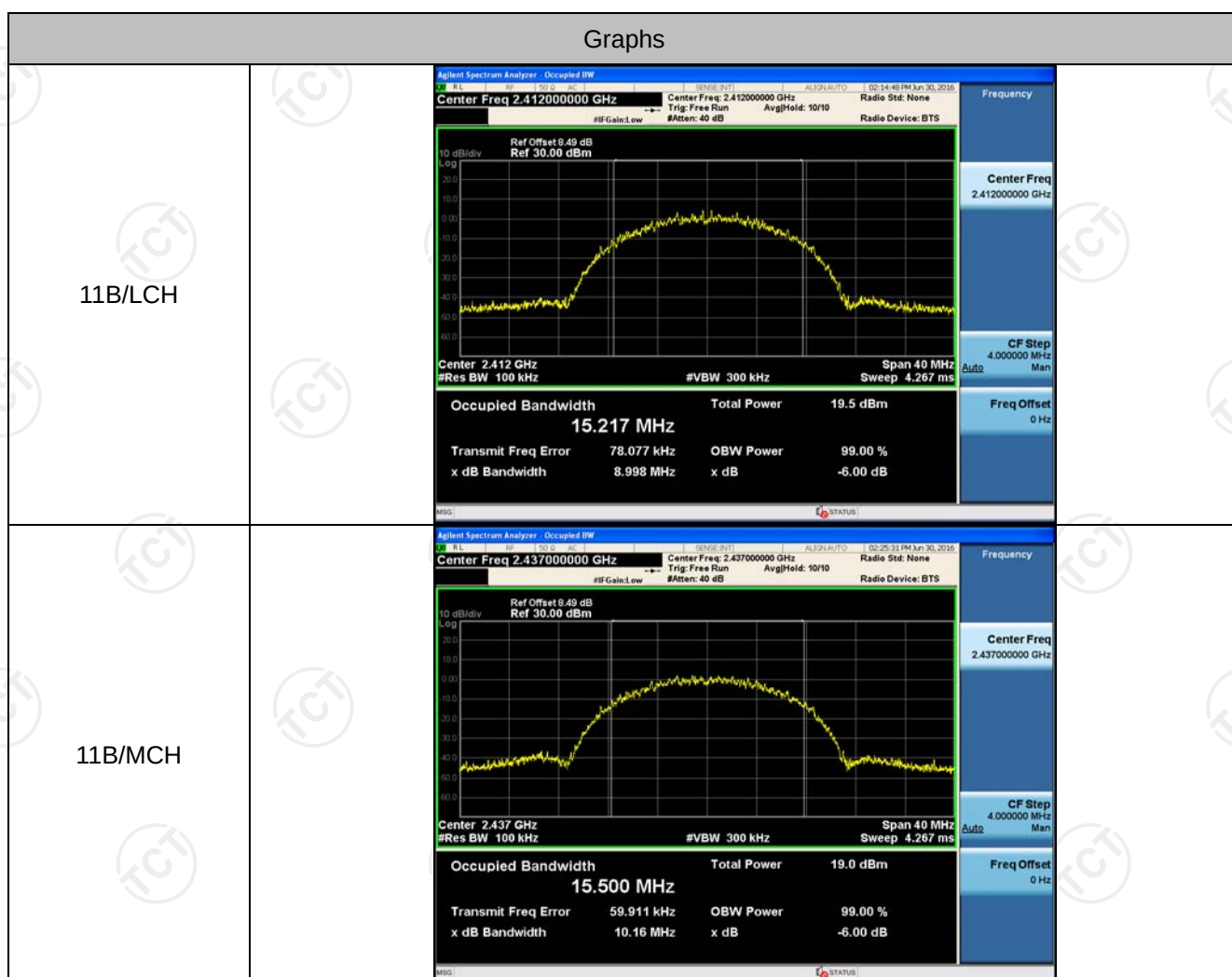


6dB Occupied Bandwidth

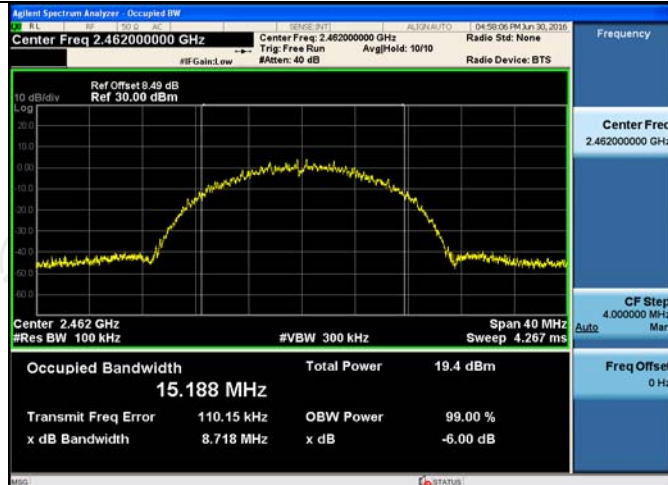
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	8.998	15.217	PASS
11B	MCH	10.16	15.500	PASS
11B	HCH	8.718	15.188	PASS
11G	LCH	16.44	16.405	PASS
11G	MCH	16.46	16.428	PASS
11G	HCH	16.45	16.408	PASS
11N20SISO	LCH	17.67	17.631	PASS
11N20SISO	MCH	17.67	17.650	PASS
11N20SISO	HCH	17.34	17.625	PASS
11N40SISO	LCH	36.04	36.140	PASS
11N40SISO	MCH	36.42	36.276	PASS
11N40SISO	HCH	35.74	36.156	PASS

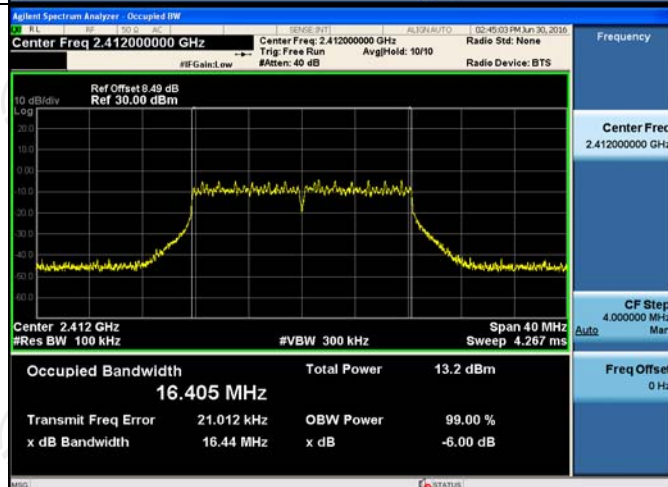
Test Graph



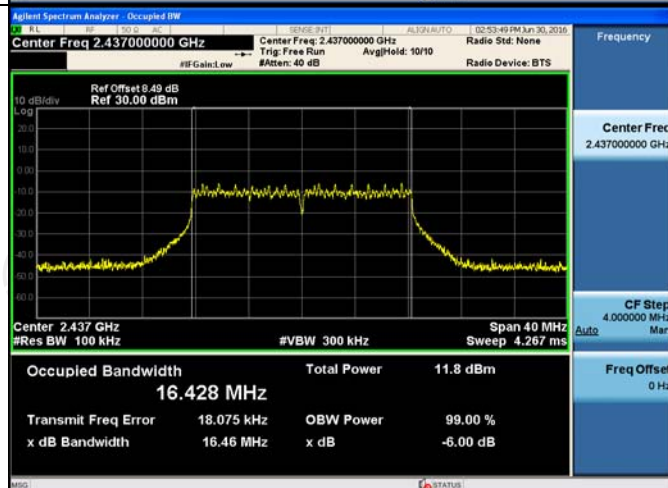
11B/HCH



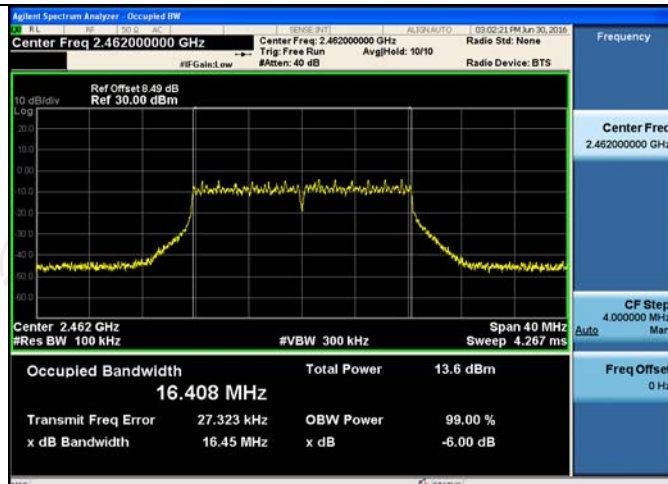
11G/LCH



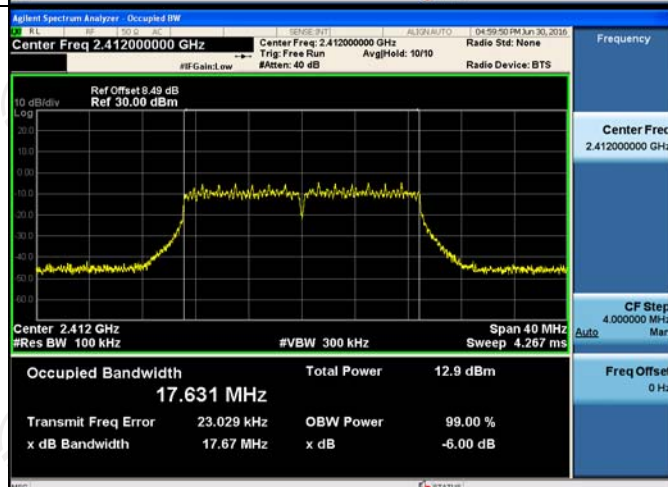
11G/MCH



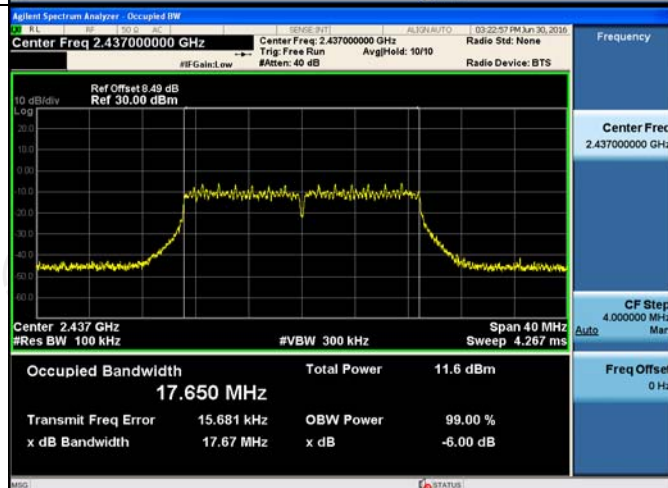
11G/HCH

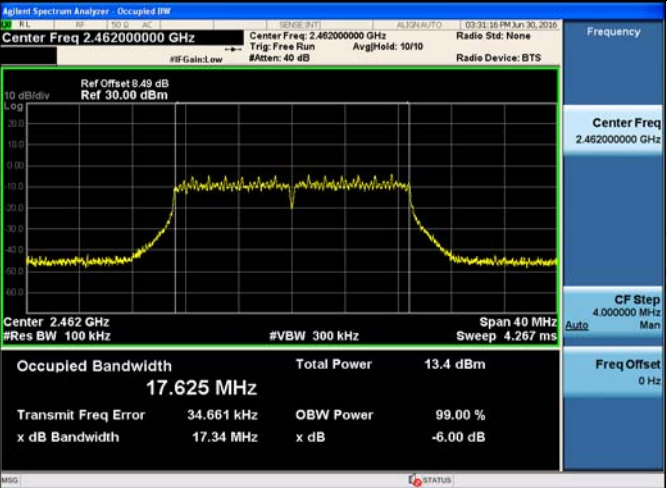
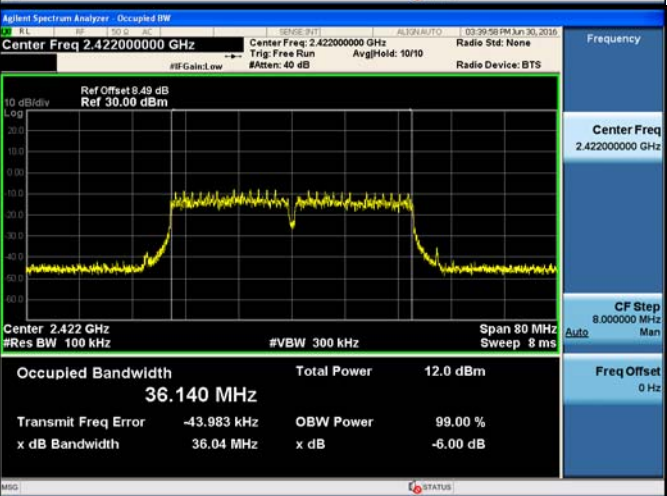
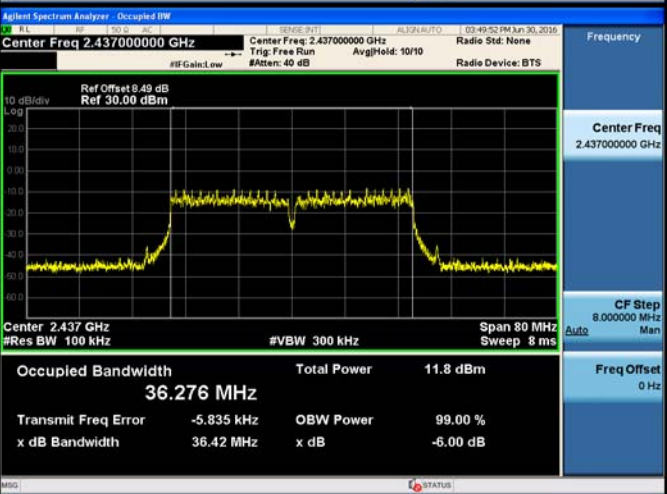


11N20SISO/LCH

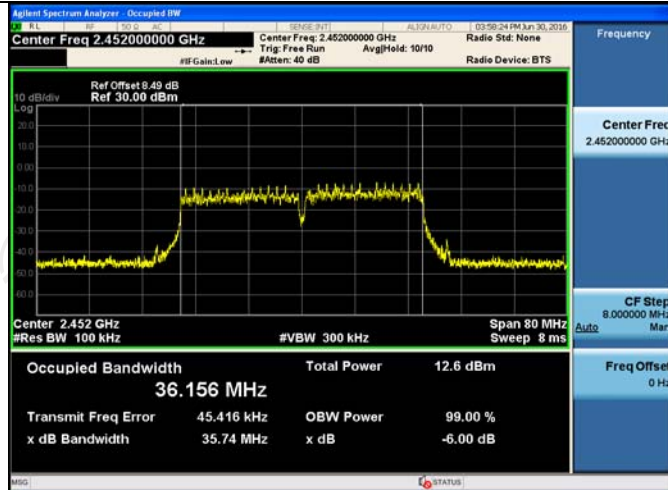


11N20SISO/MCH



11N20SISO/HCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 4.267 ms Occupied Bandwidth 17.625 MHz Total Power 13.4 dBm Transmit Freq Error 34.661 kHz x dB Bandwidth 17.34 MHz OBW Power 99.00 % x dB -6.00 dB Frequency Center Freq 2.462000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz
11N40SISO/LCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.422000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 36.140 MHz Total Power 12.0 dBm Transmit Freq Error -43.983 kHz x dB Bandwidth 36.04 MHz OBW Power 99.00 % x dB -6.00 dB Frequency Center Freq 2.422000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz
11N40SISO/MCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 36.276 MHz Total Power 11.8 dBm Transmit Freq Error -5.835 kHz x dB Bandwidth 36.42 MHz OBW Power 99.00 % x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz

11N40SISO/HCH



Band-edge for RF Conducted Emissions

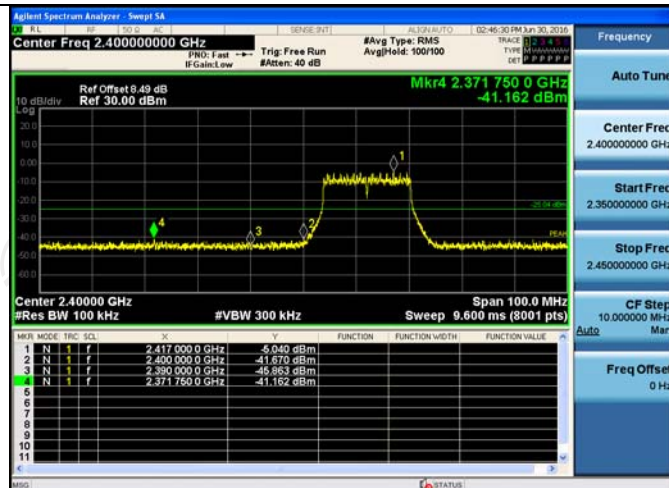
Result Table

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.098	-41.377	-15.9	PASS
11B	HCH	4.524	-41.257	-15.48	PASS
11G	LCH	-5.040	-41.162	-25.04	PASS
11G	HCH	-3.828	-41.516	-23.83	PASS
11N20SISO	LCH	-4.905	-42.338	-24.91	PASS
11N20SISO	HCH	-3.997	-41.809	-24	PASS
11N40SISO	LCH	-7.740	-41.393	-27.74	PASS
11N40SISO	HCH	-7.314	-41.413	-27.31	PASS

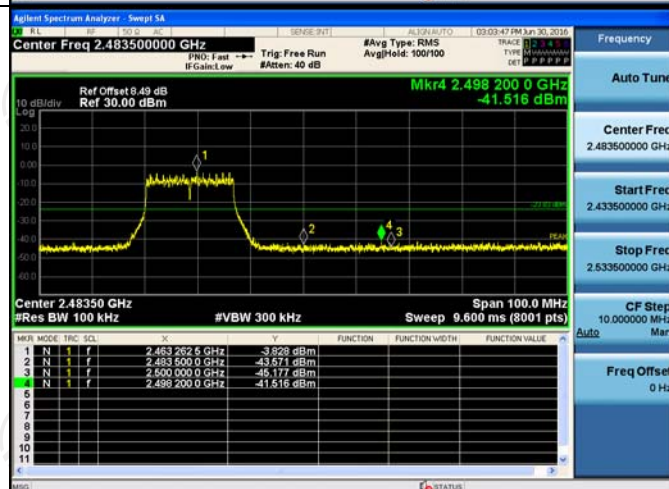
Test Graph



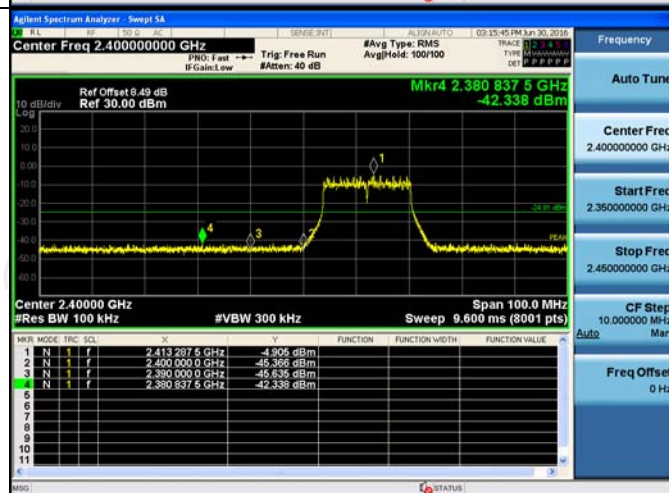
11G/LCH

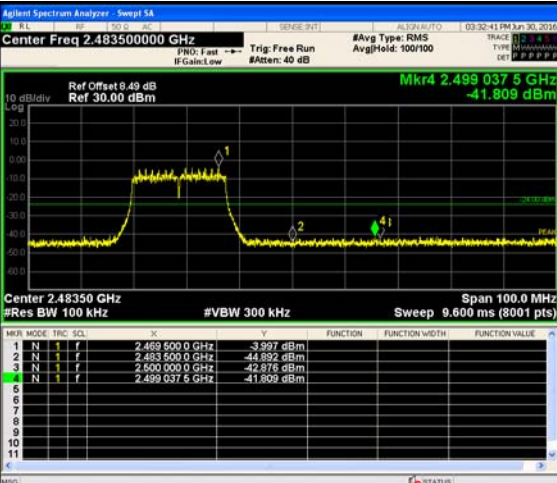
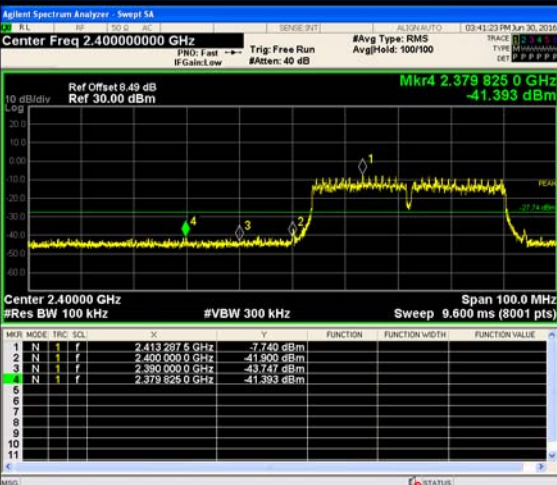
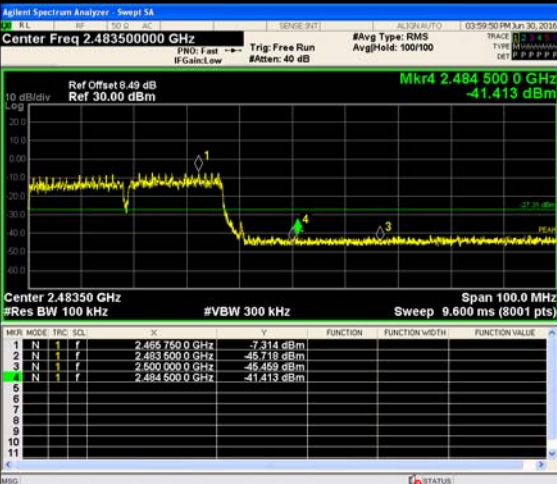


11G/HCH



11N20SISO/LCH



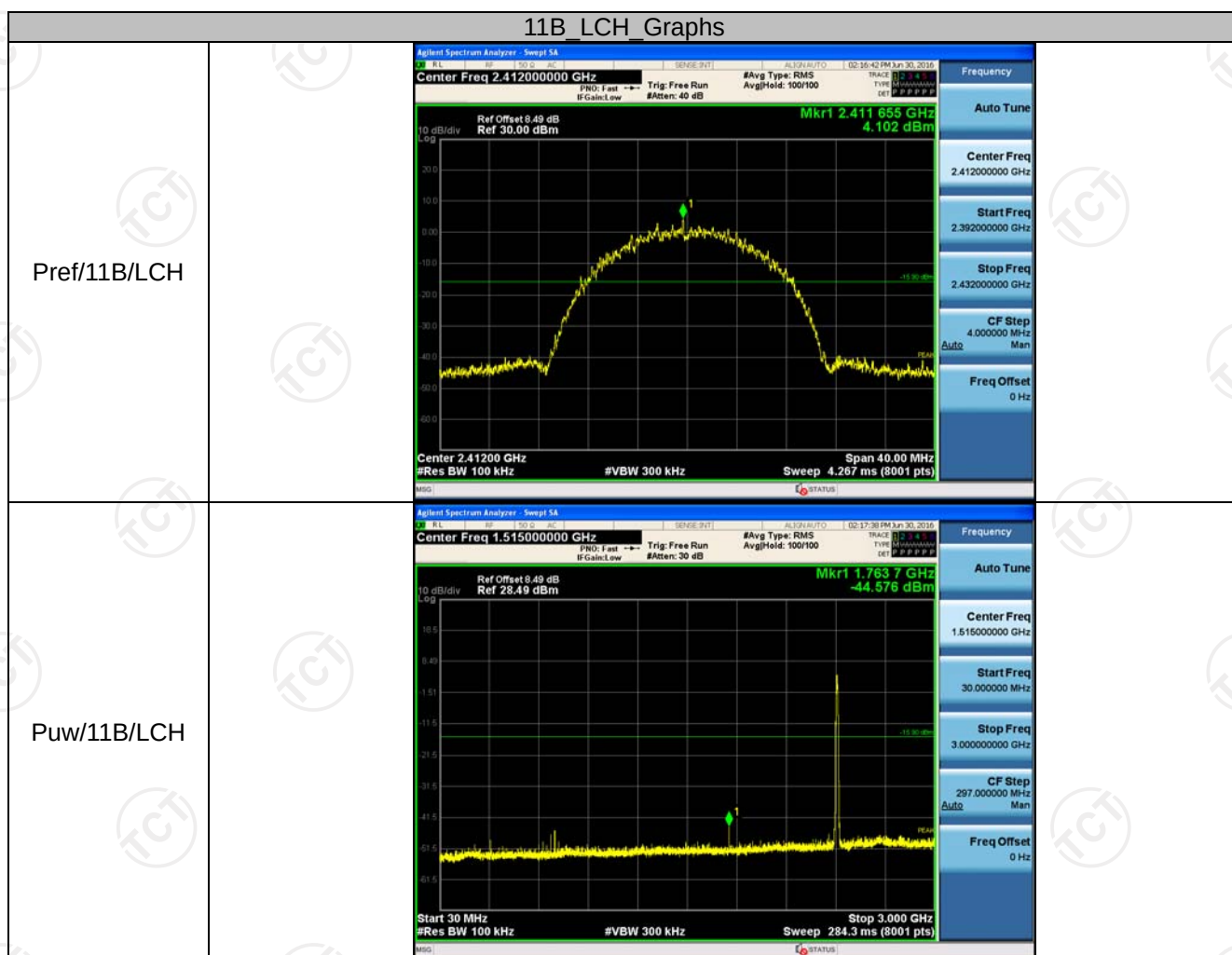
11N20SISO/HCH		Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Man Freq Offset 0 Hz
11N40SISO/LCH		Frequency Auto Tune Center Freq 2.400000000 GHz Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz CF Step 10.000000 MHz Man Freq Offset 0 Hz
11N40SISO/HCH		Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Man Freq Offset 0 Hz

RF Conducted Spurious Emissions

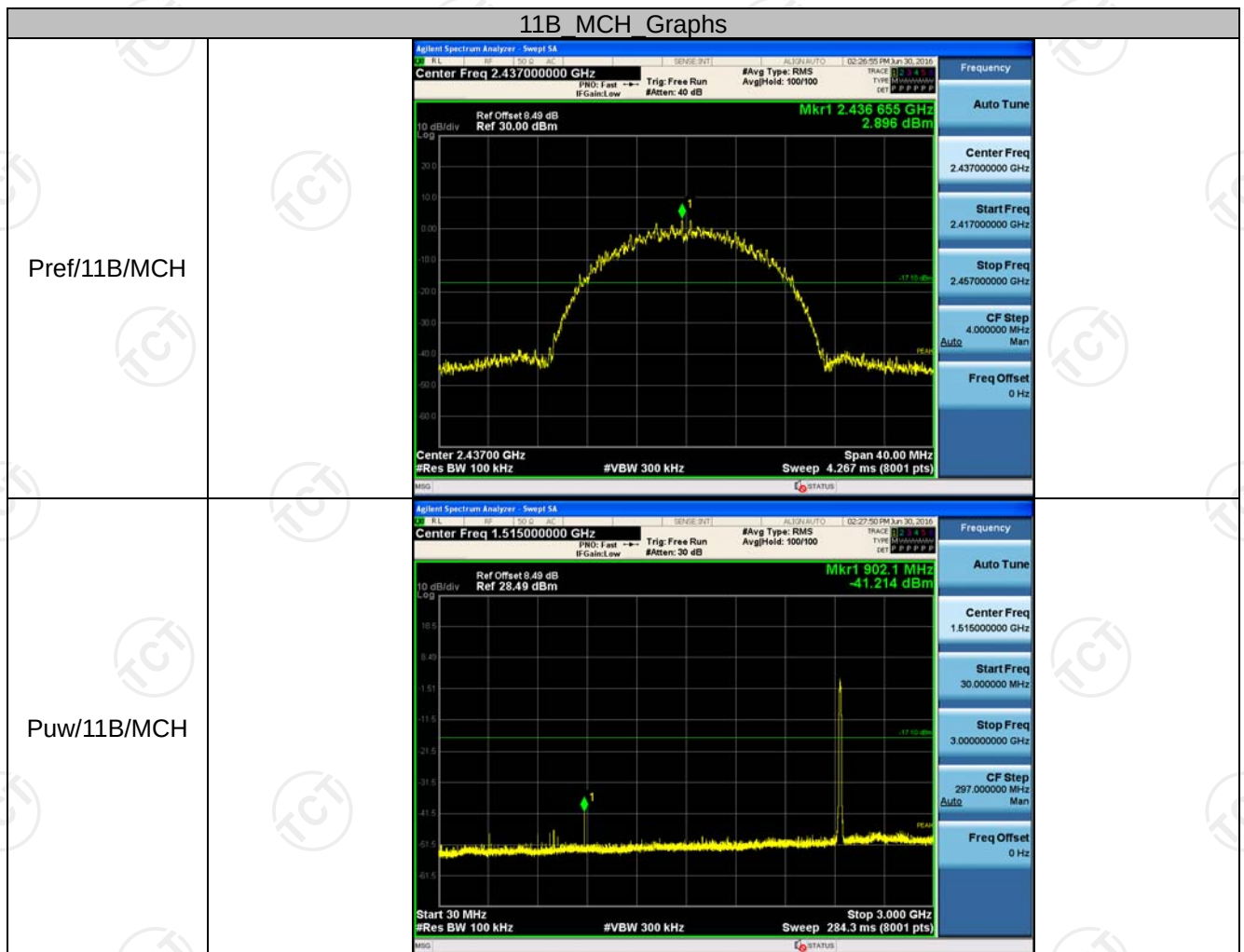
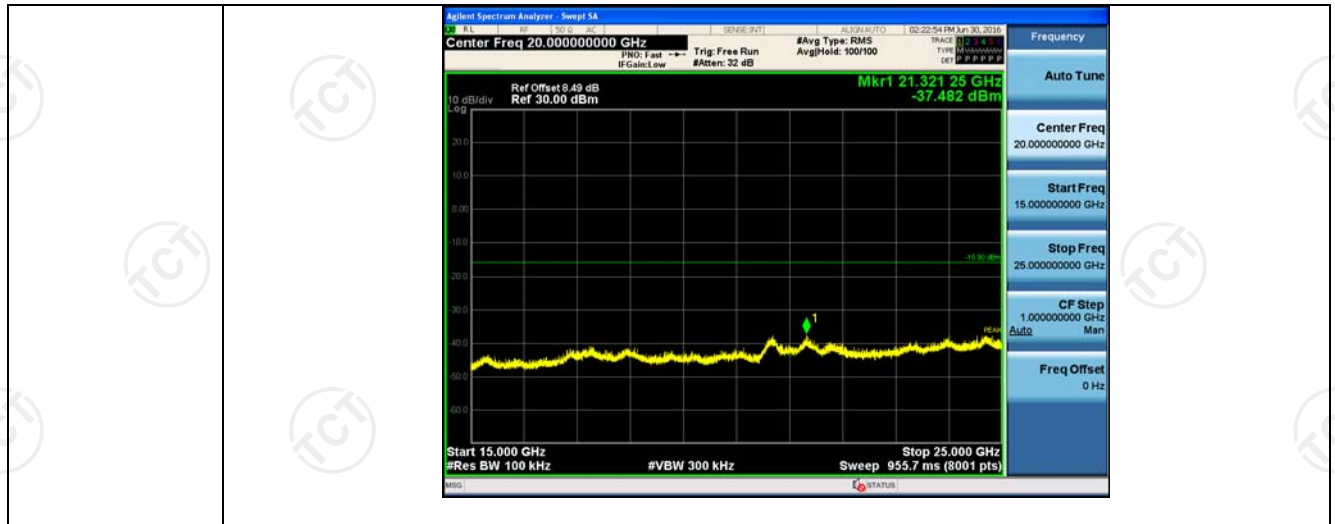
Result Table

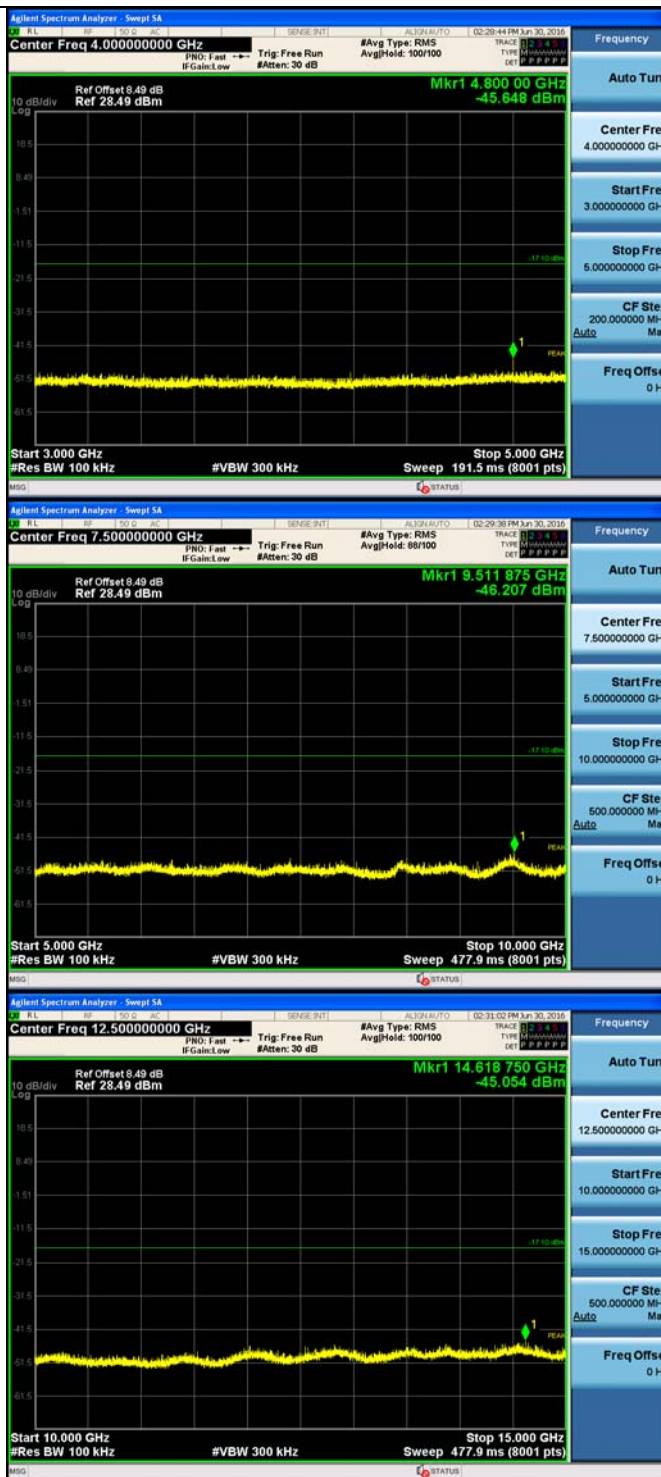
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	4.102	<Limit	PASS
11B	MCH	2.896	<Limit	PASS
11B	HCH	2.678	<Limit	PASS
11G	LCH	-4.661	<Limit	PASS
11G	MCH	-5.761	<Limit	PASS
11G	HCH	-3.969	<Limit	PASS
11N20SISO	LCH	-4.983	<Limit	PASS
11N20SISO	MCH	-6.089	<Limit	PASS
11N20SISO	HCH	-4.188	<Limit	PASS
11N40SISO	LCH	-7.589	<Limit	PASS
11N40SISO	MCH	-8.493	<Limit	PASS
11N40SISO	HCH	-7.193	<Limit	PASS

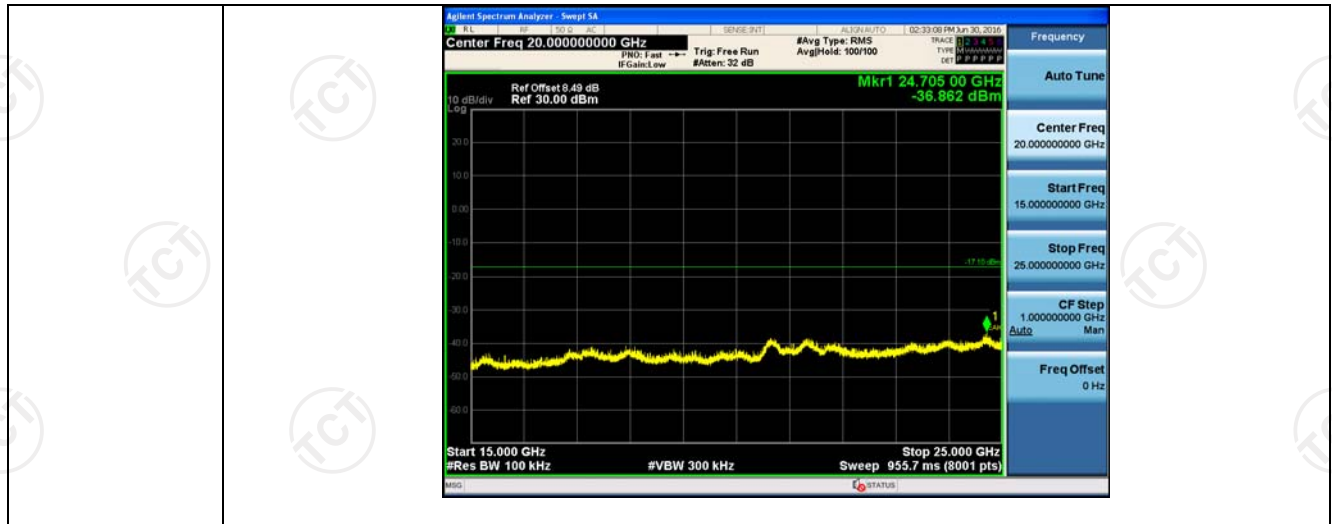
Test Graph



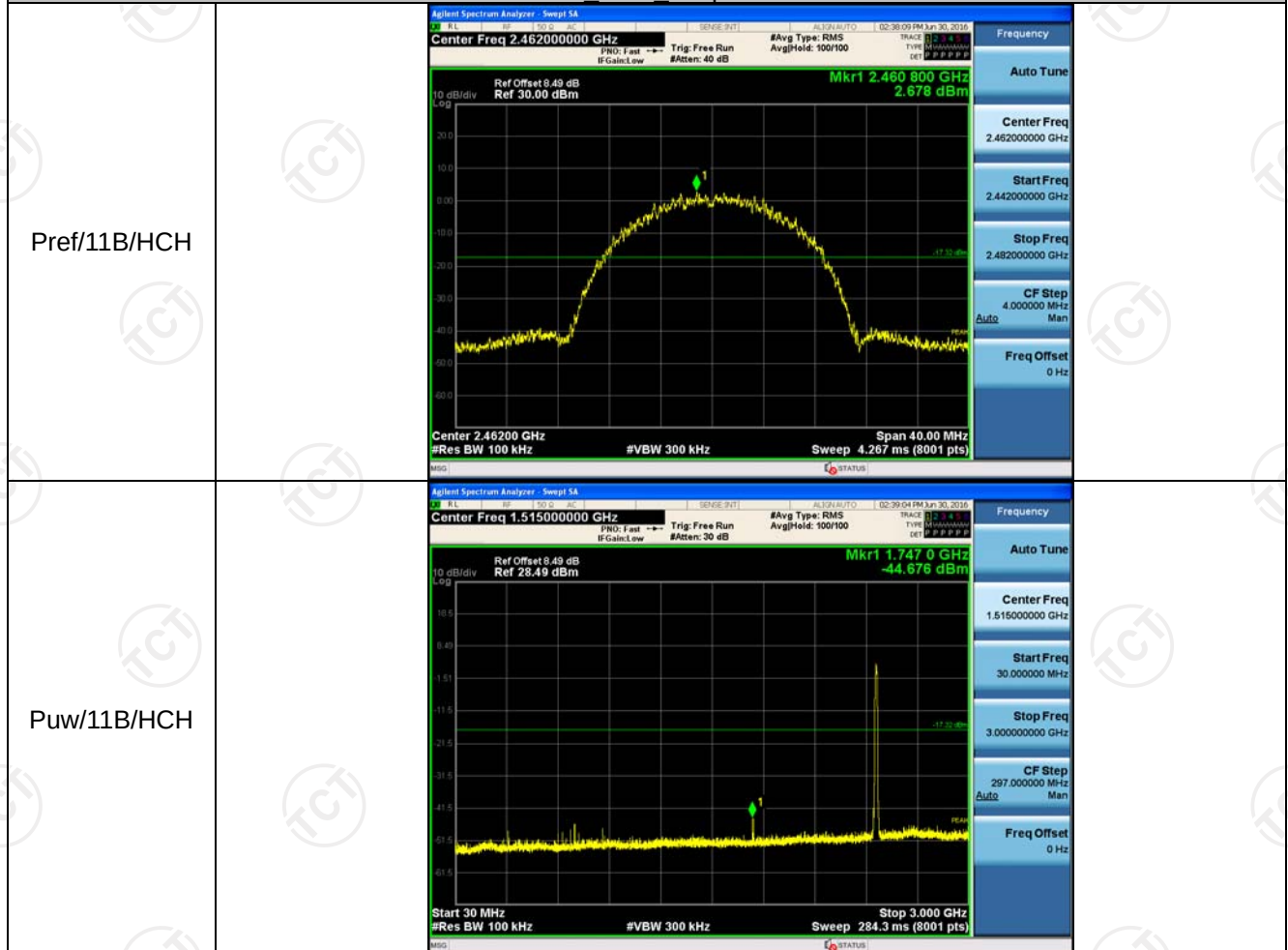


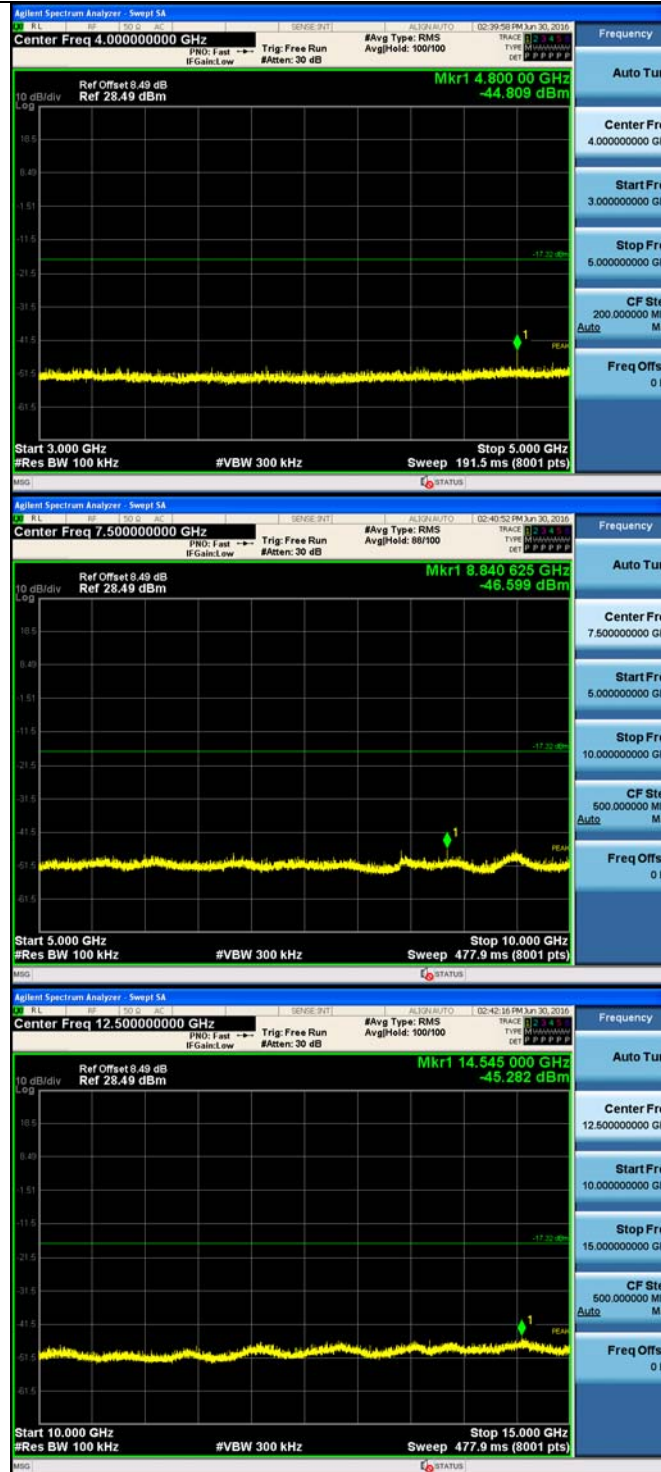


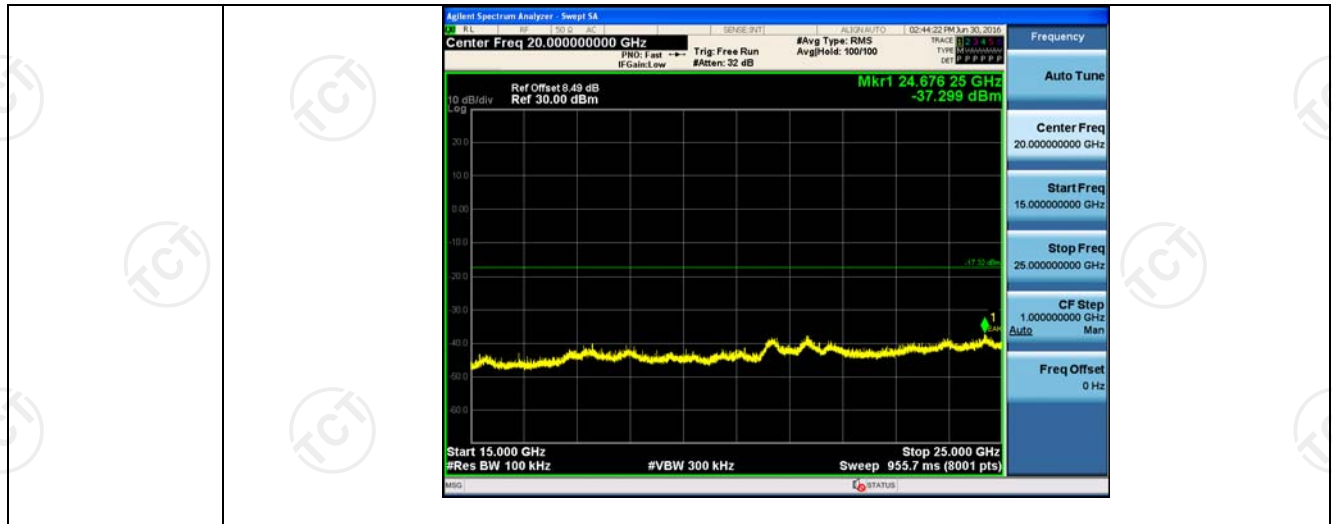




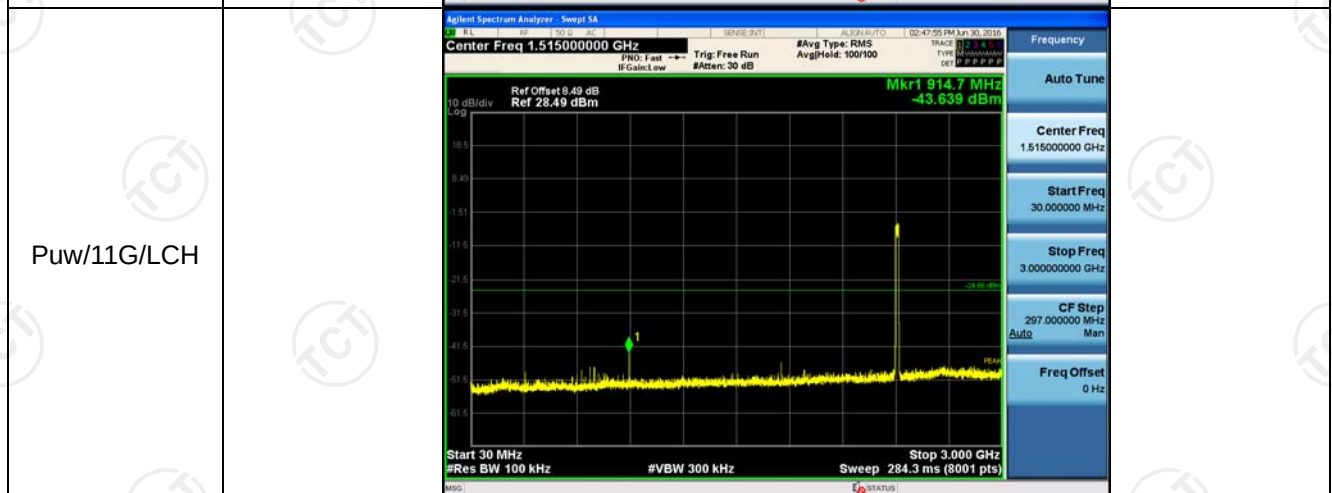
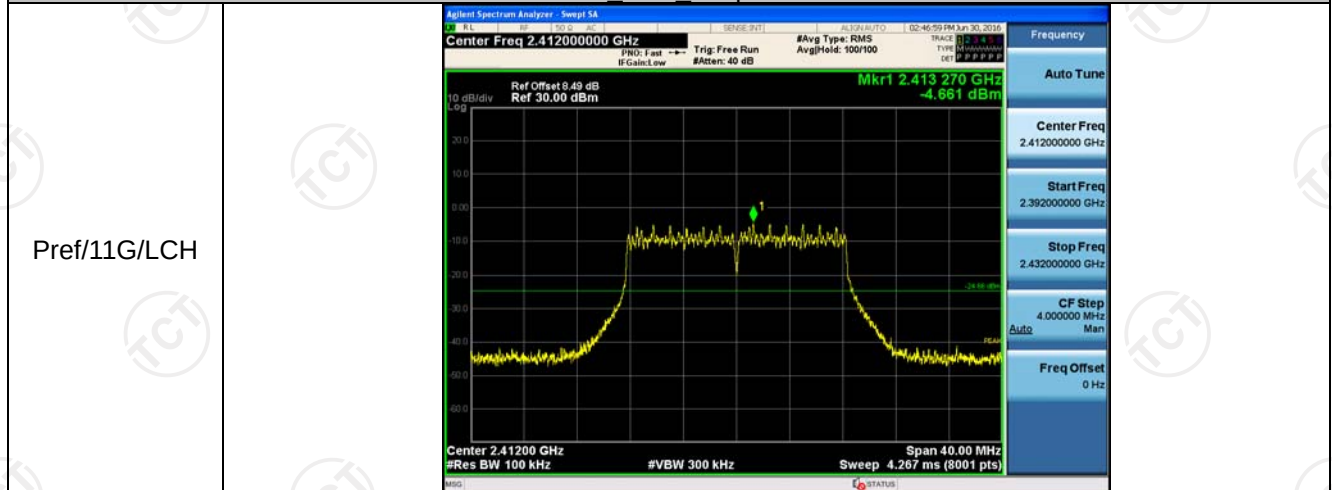
11B HCH Graphs







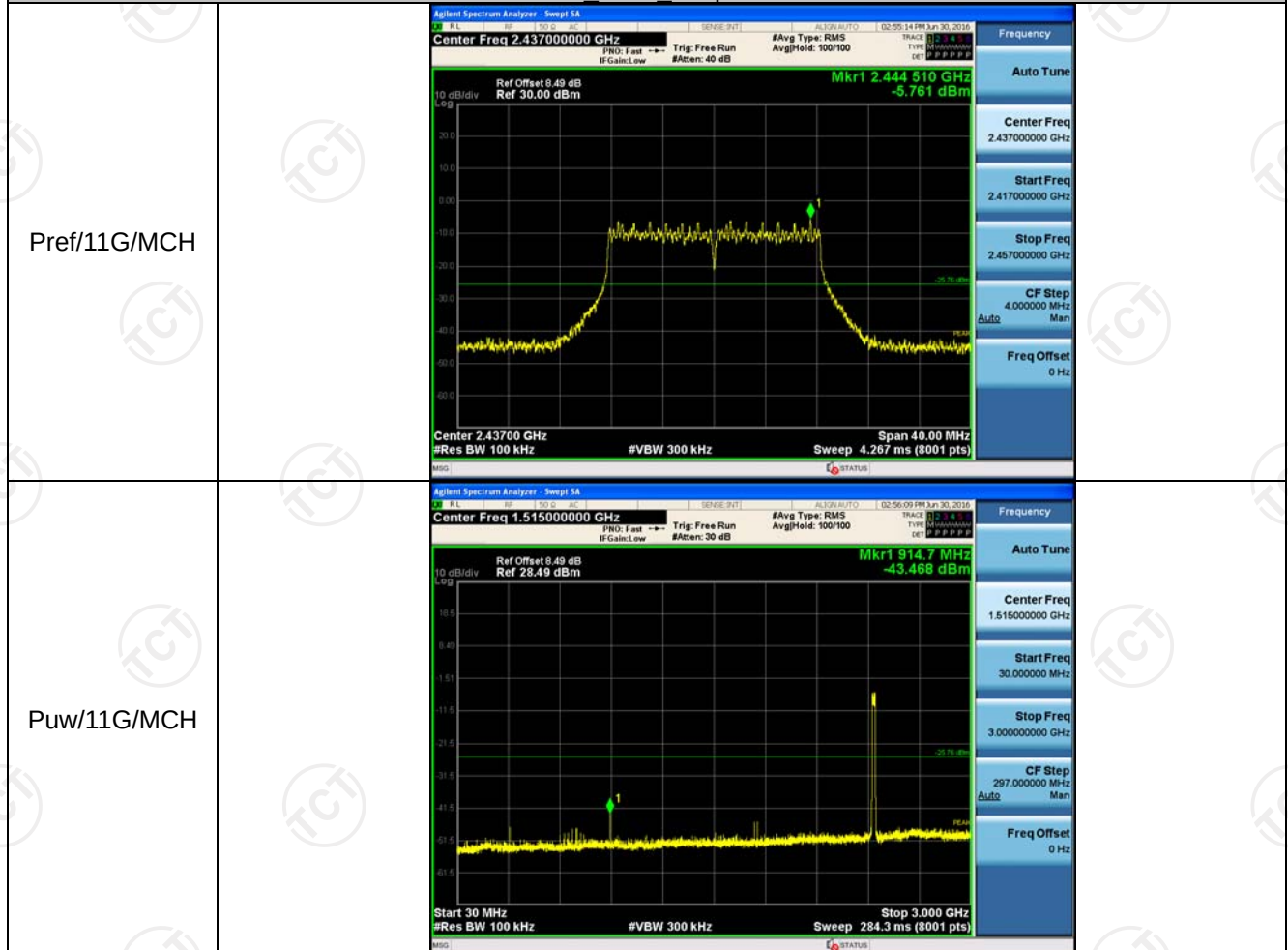
11G LCH Graphs







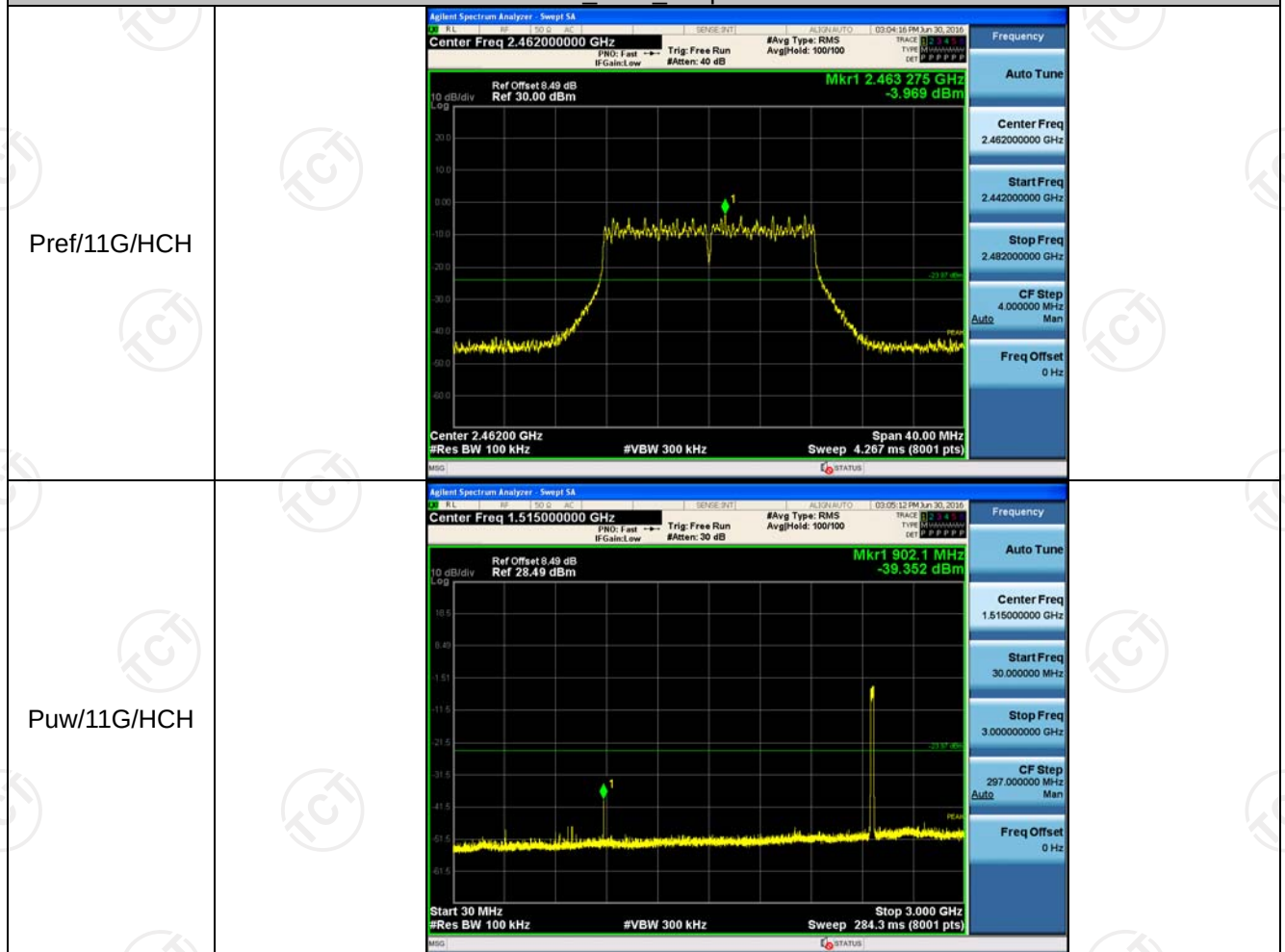
11G MCH Graphs







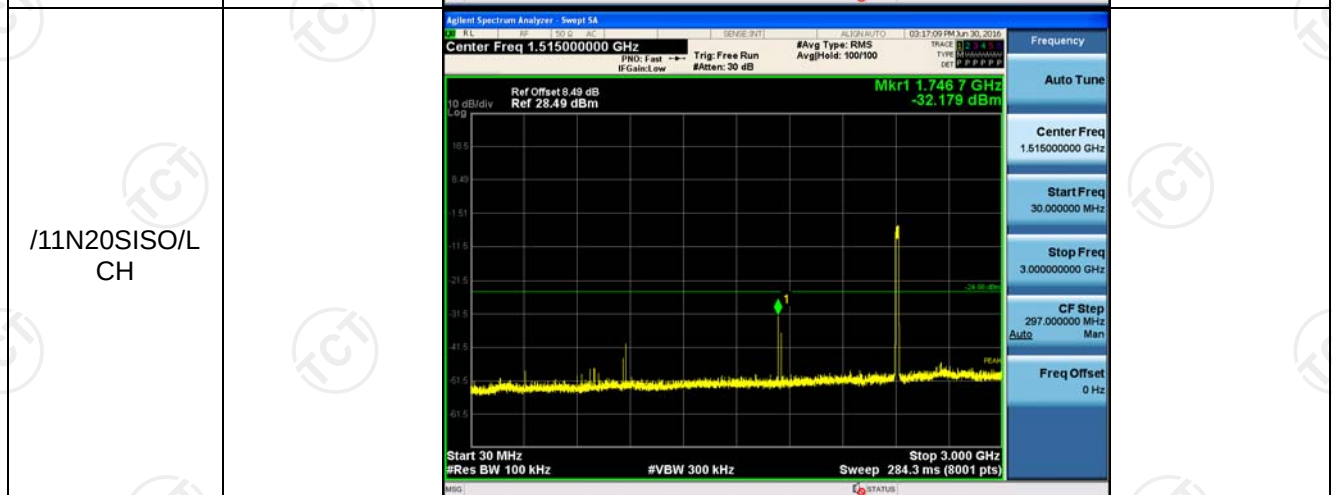
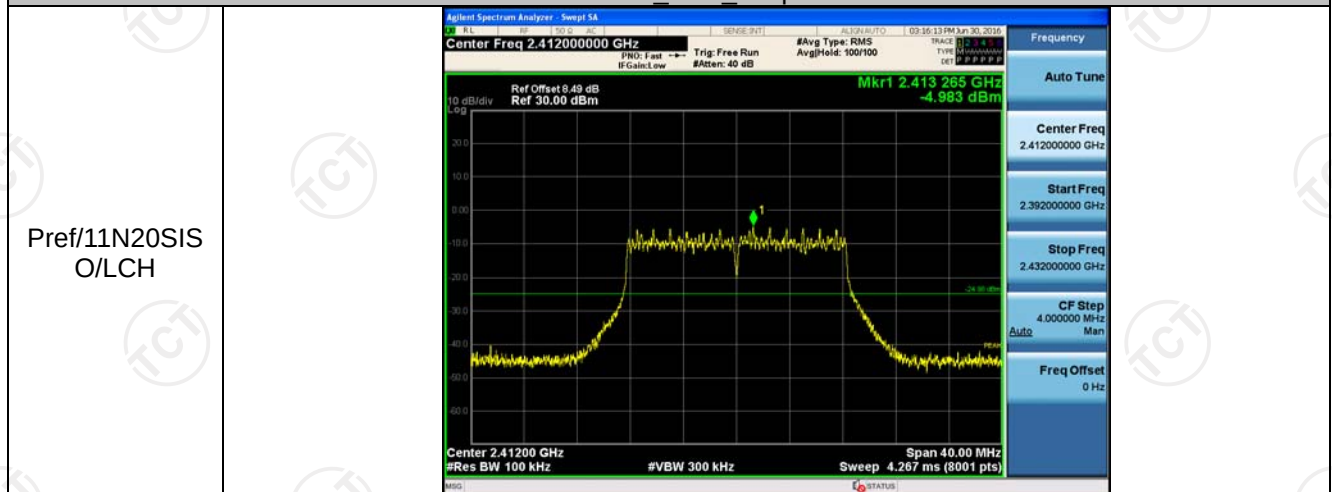
11G_HCH_Graphs







11N20SISO_LCH_Graphs

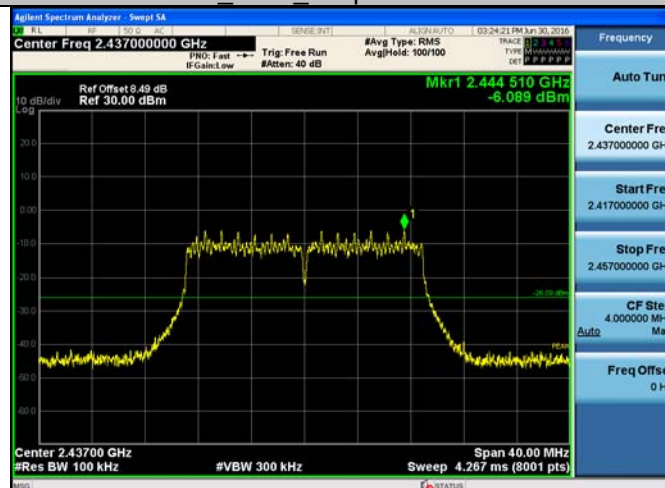




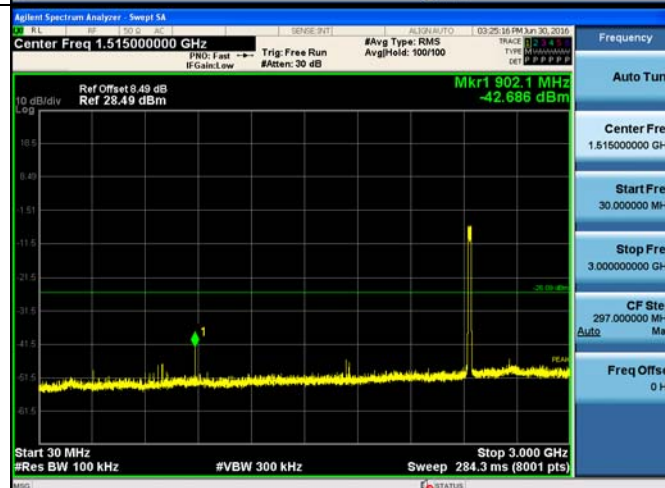


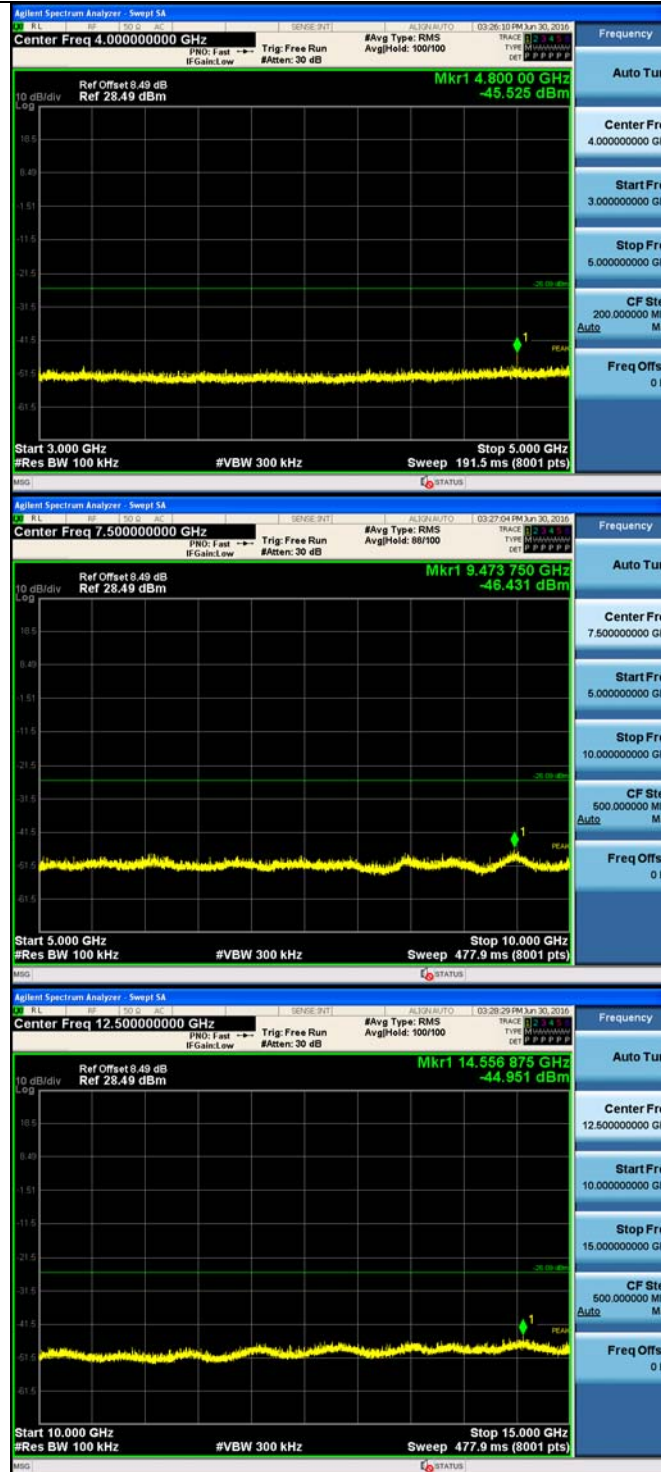
11N20SISO MCH_Graphs

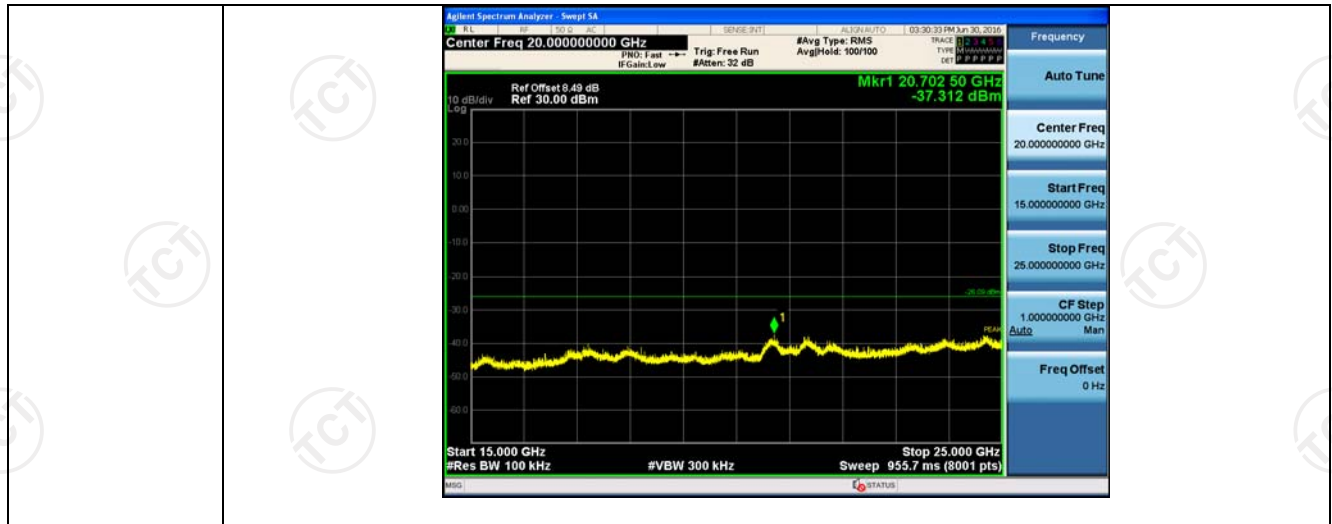
Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH

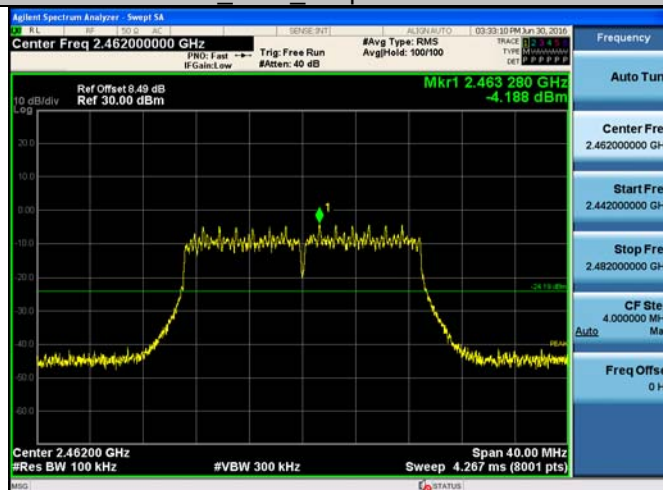




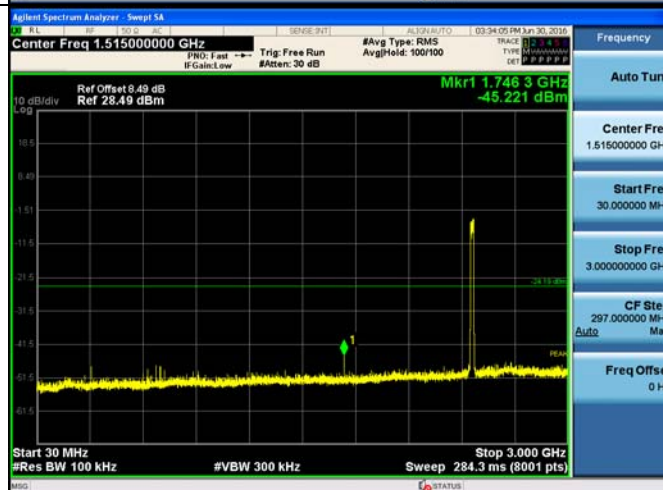


11N20SISO_HCH_Graphs

Pref/11N20SIS
O/HCH



Puw/11N20SIS
O/HCH

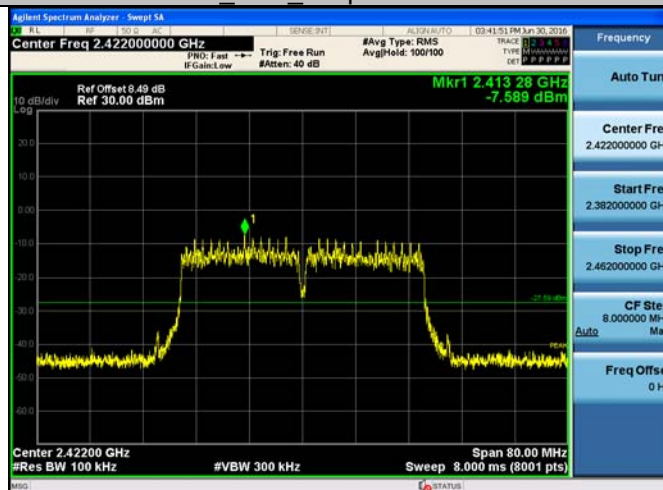




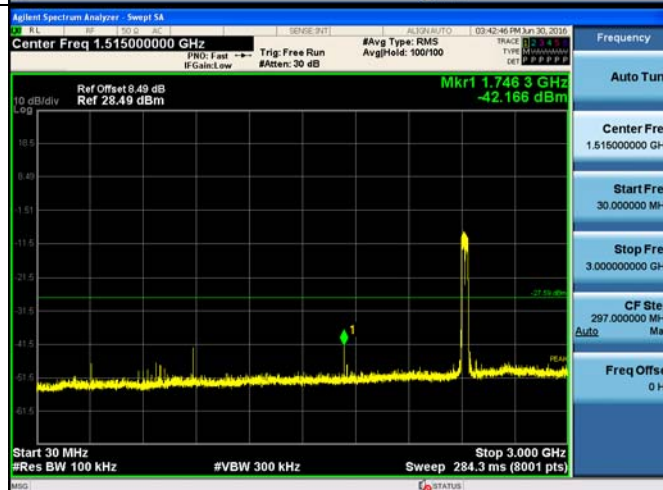


11N40SISO_LCH_Graphs

Pref/11N40SIS
O/LCH



Puw/11N40SIS
O/LCH

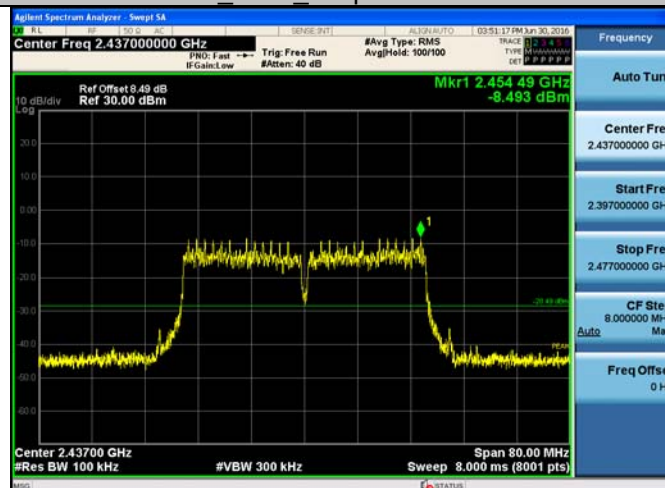




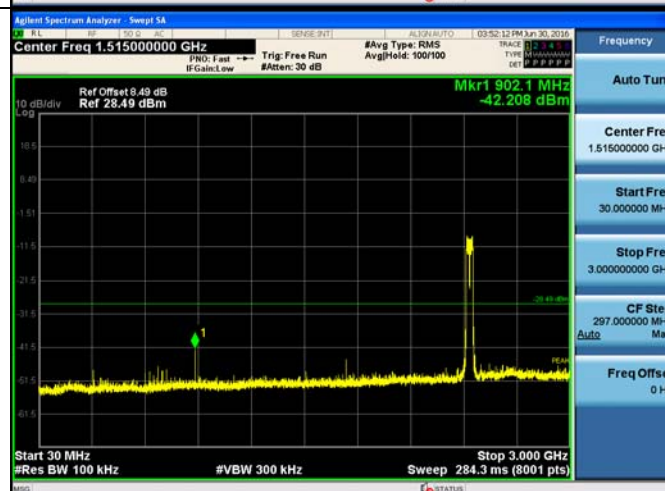


11N40SISO MCH_Graphs

Pref/11N40SIS
O/MCH



Puw/11N40SIS
O/MCH

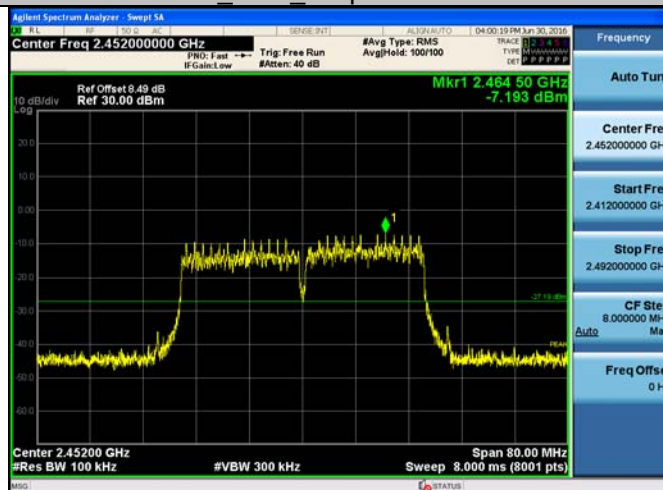




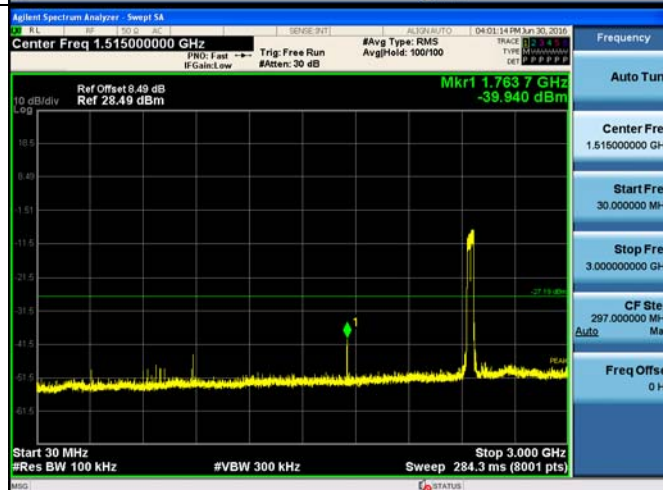


11N40SISO_HCH_Graphs

Pref/11N40SIS
O/HCH



Puw/11N40SIS
O/HCH







Power Spectral Density

Result Table

Mode	Channel	Meas.Level PSD [dBm/100KHz]	Factor 10log(30kHz/3kHz)	PSD (dBm/3KHz)	Verdict
11B	LCH	4.270	10	-5.73	PASS
11B	MCH	1.853	10	-8.147	PASS
11B	HCH	3.038	10	-6.962	PASS
11G	LCH	-9.235	10	-19.235	PASS
11G	MCH	-10.487	10	-20.487	PASS
11G	HCH	-8.392	10	-18.392	PASS
11N20SISO	LCH	-9.406	10	-19.406	PASS
11N20SISO	MCH	-10.538	10	-20.538	PASS
11N20SISO	HCH	-8.598	10	-18.598	PASS
11N40SISO	LCH	-12.492	10	-22.492	PASS
11N40SISO	MCH	-13.117	10	-23.117	PASS
11N40SISO	HCH	-11.850	10	-21.85	PASS

Remark: PSD [dBm/3KHz] = Meas.Level [dBm]- Factor

Test Graph

Graphs

11B/LCH



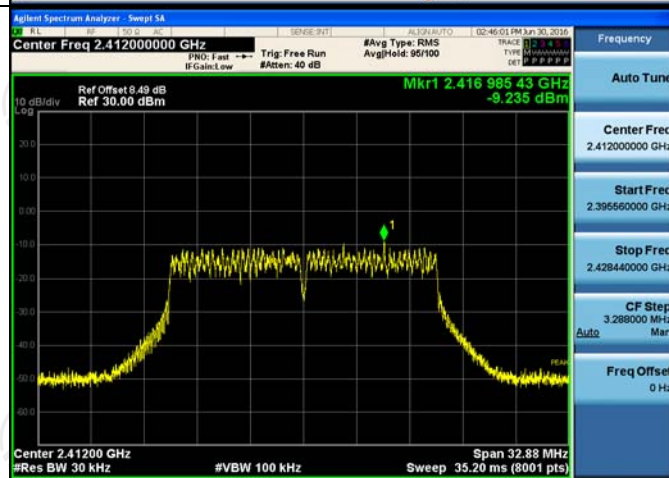
11B/MCH



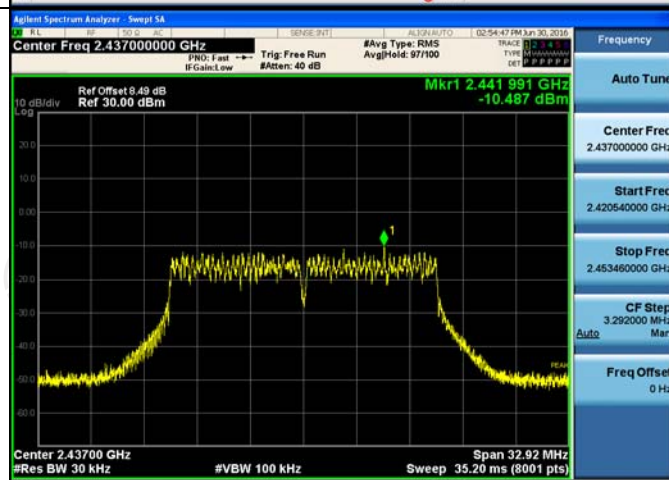
11B/HCH



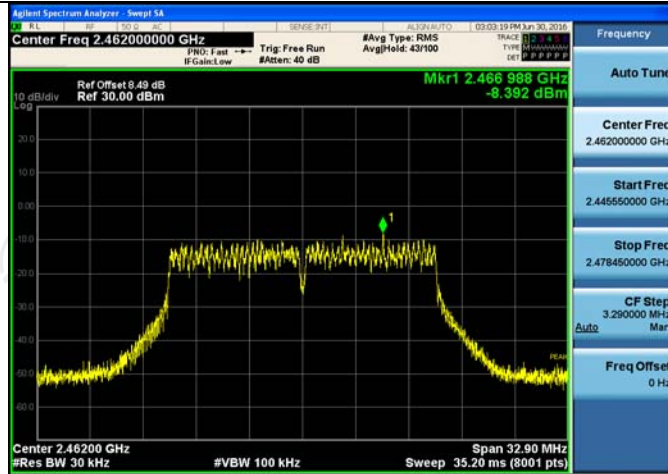
11G/LCH



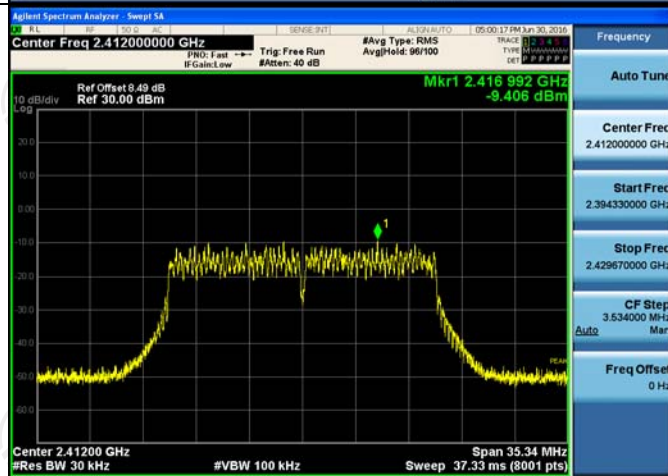
11G/MCH



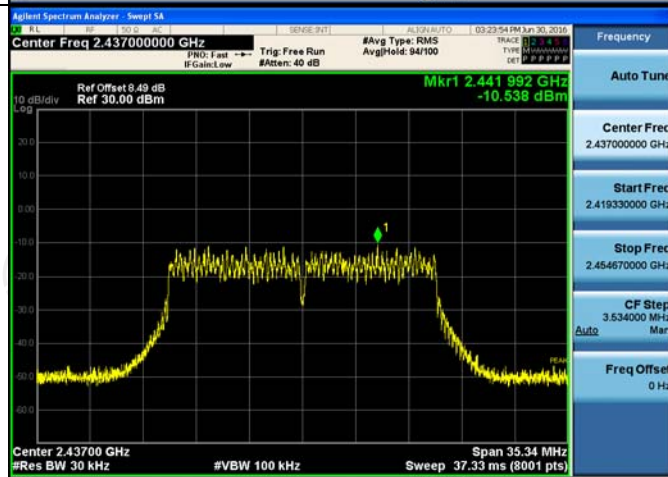
11G/HCH

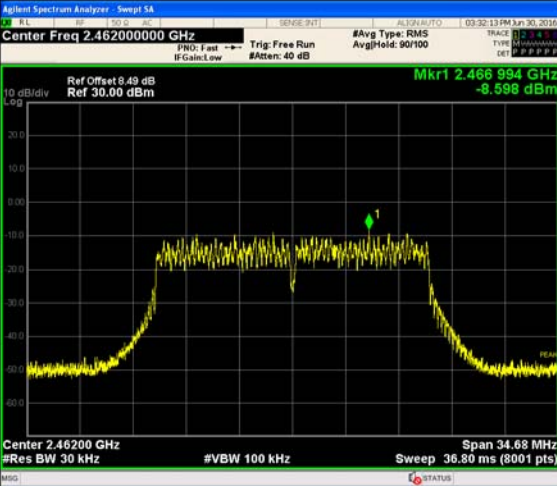
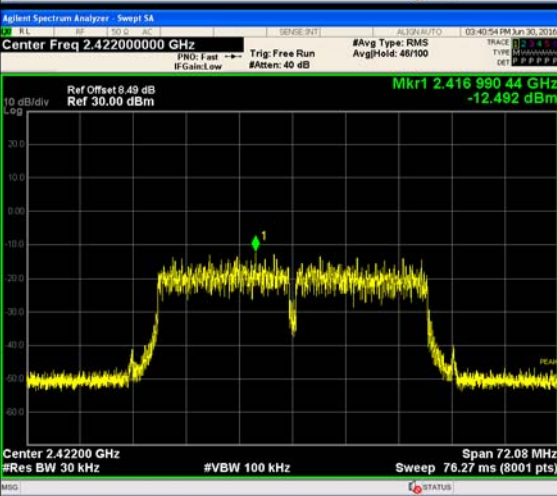
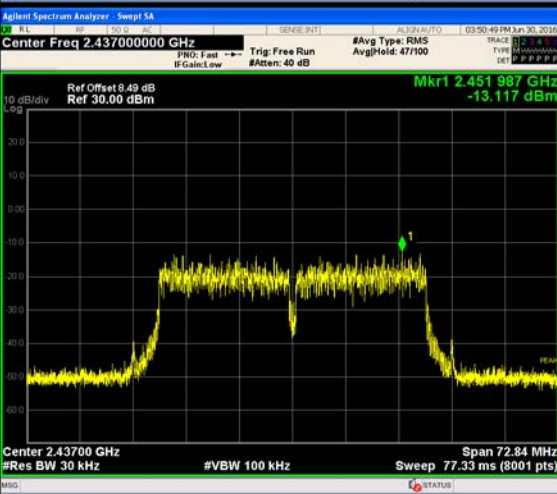


11N20SISO/LCH



11N20SISO/MCH



11N20SISO/HCH	 Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.462000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Mkr1 2.466 994 GHz -8.598 dBm Center 2.46200 GHz #Res BW 30 kHz #VBW 100 kHz Sweep 36.80 ms (8001 pts) Frequency Auto Tune Center Freq 2.462000000 GHz Start Freq 2.444660000 GHz Stop Freq 2.479340000 GHz CF Step 3.468000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/LCH	 Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.422000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Mkr1 2.416 990 44 GHz -12.492 dBm Center 2.42200 GHz #Res BW 30 kHz #VBW 100 kHz Sweep 76.27 ms (8001 pts) Frequency Auto Tune Center Freq 2.422000000 GHz Start Freq 2.385660000 GHz Stop Freq 2.458040000 GHz CF Step 7.208000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/MCH	 Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.437000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Mkr1 2.451 987 GHz -13.117 dBm Center 2.43700 GHz #Res BW 30 kHz #VBW 100 kHz Sweep 77.33 ms (8001 pts) Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.400680000 GHz Stop Freq 2.473420000 GHz CF Step 7.284000 MHz Auto Man Freq Offset 0 Hz

11N40SISO/HCH

