



Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Optical Network Unit



Trade Mark: **V·SOL**

Test Model: V2804REW/RGW

Environmental Conditions

Temperature:	21.6° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

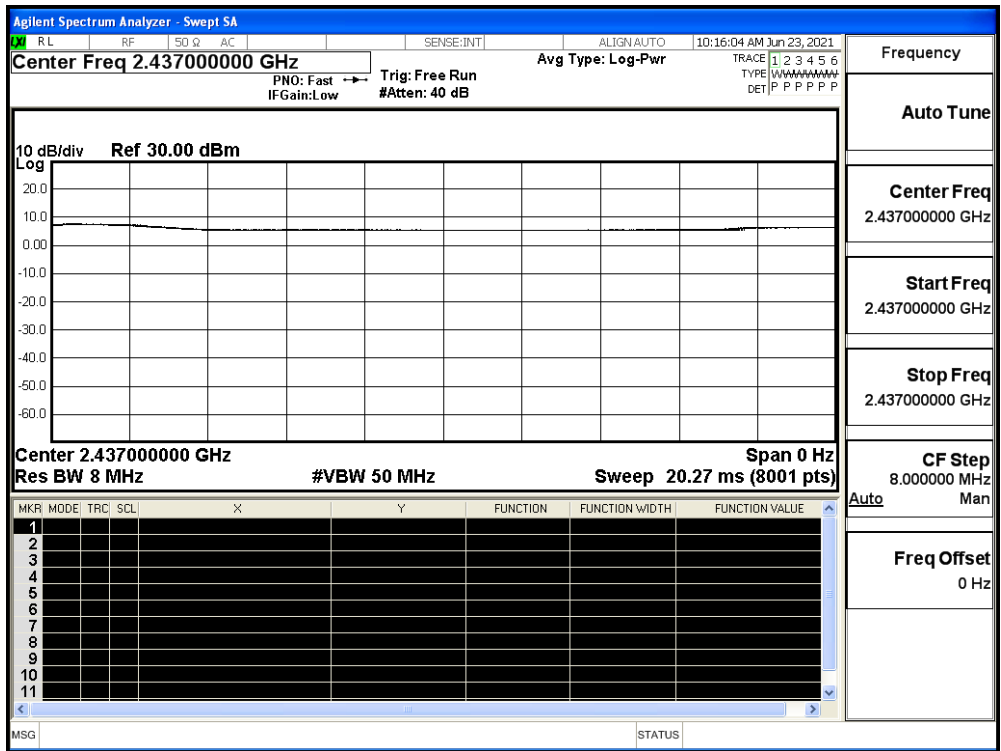
A.1 Duty Cycle

ANT0

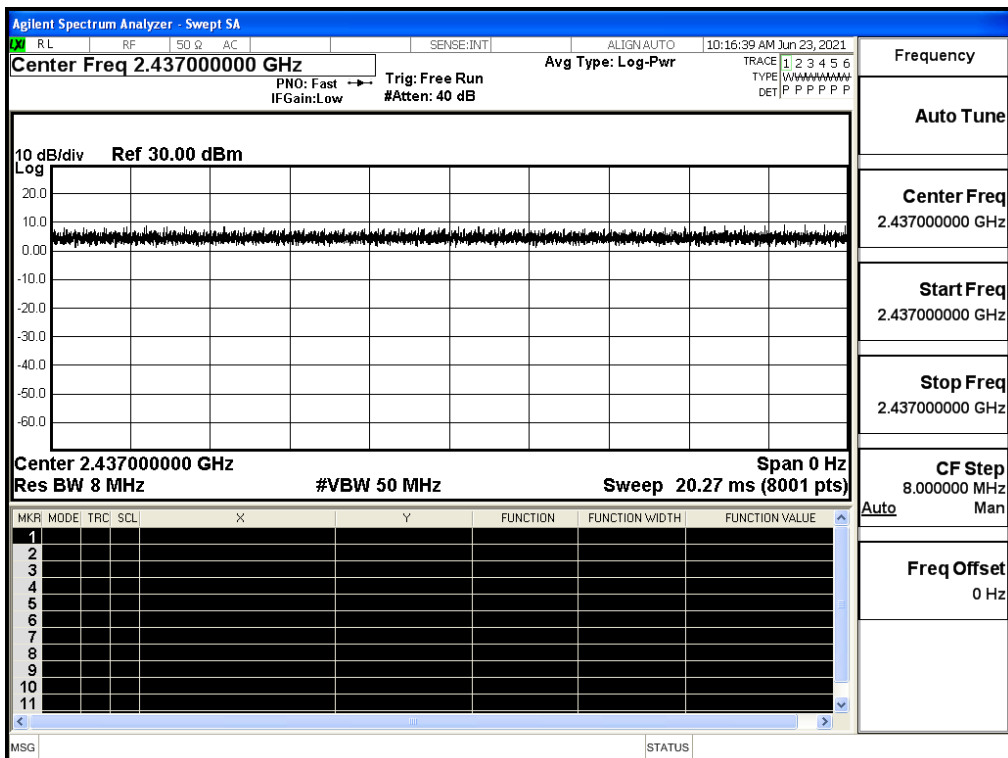
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS



Duty Cycle_11B_2437_Ant0

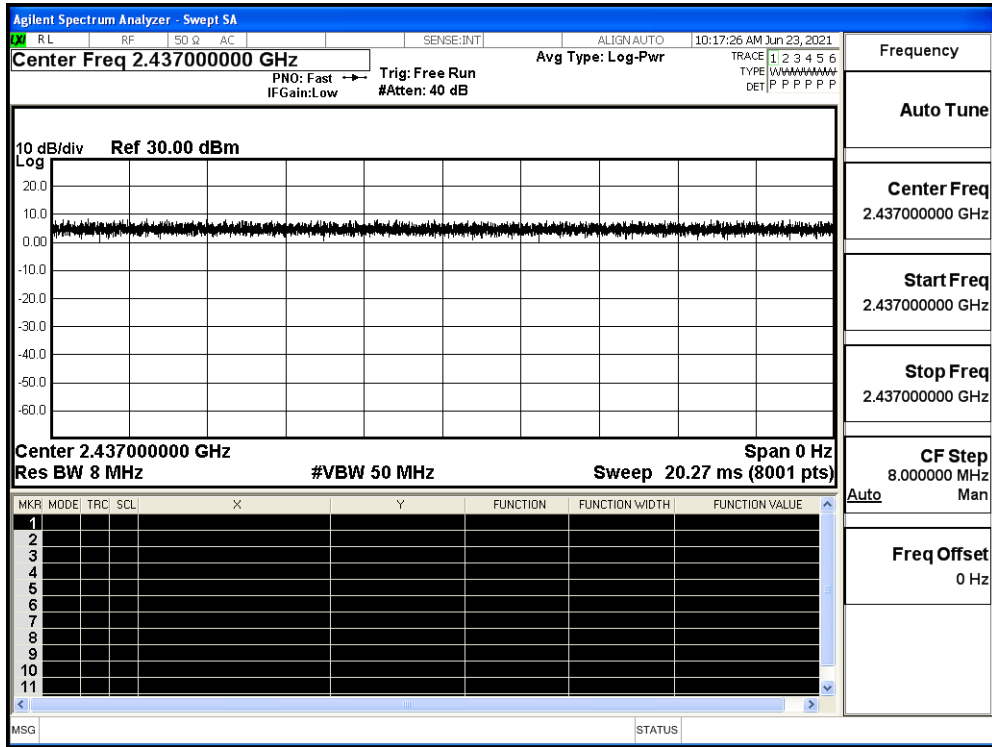


Duty Cycle_11G_2437_Ant0

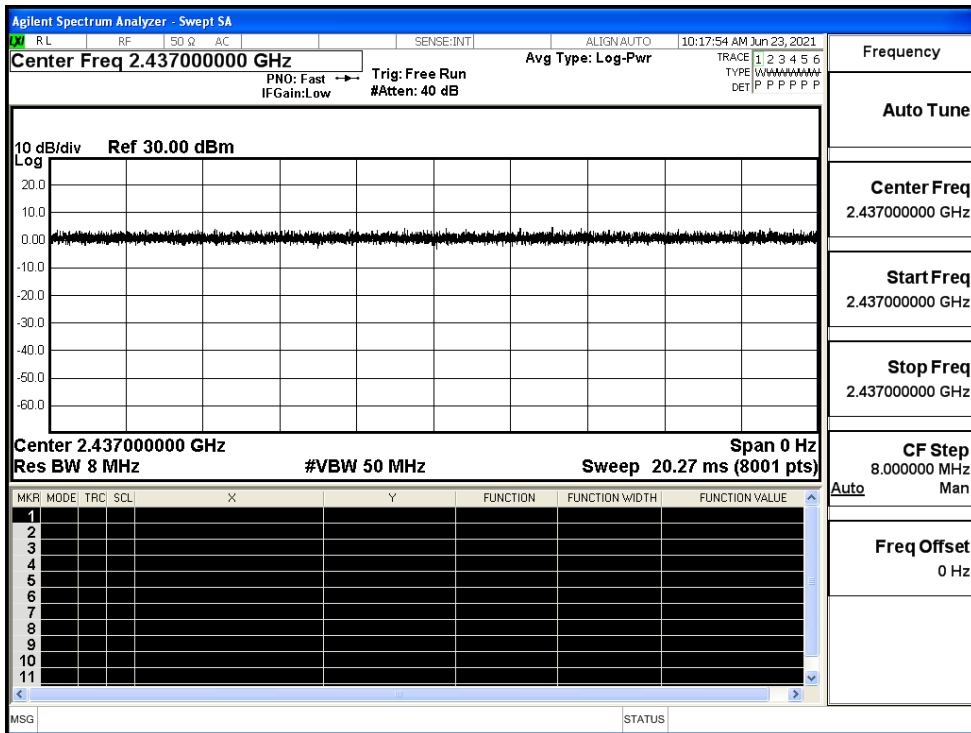




Duty Cycle_11N20SISO_2437_Ant0



Duty Cycle_11N40SISO_2437_Ant0

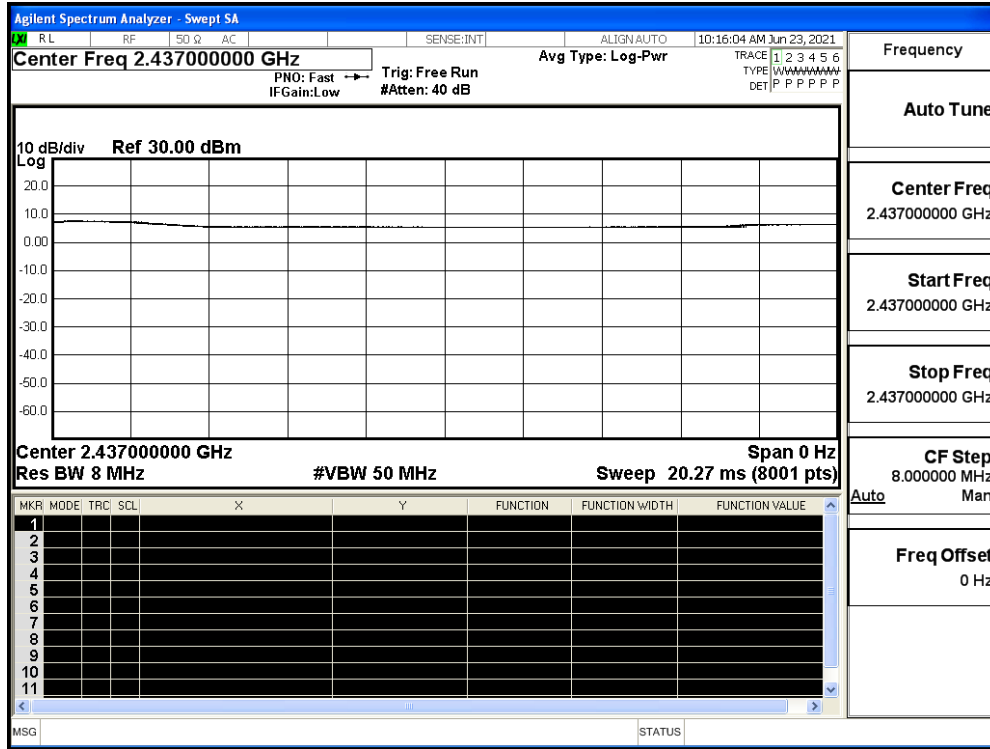




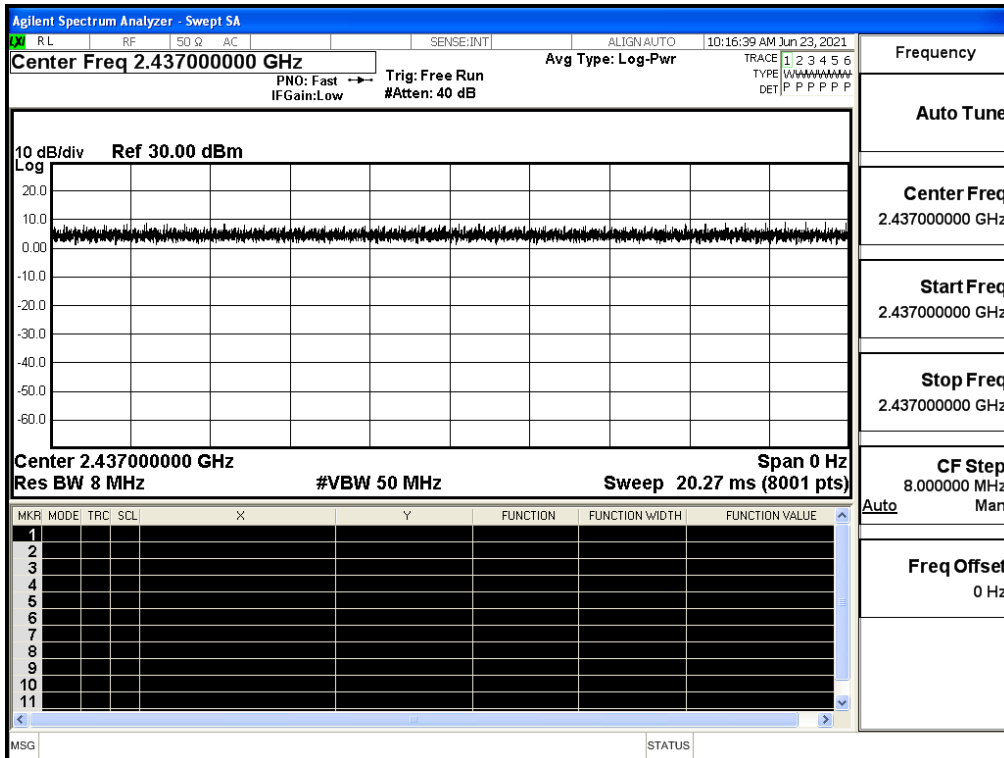
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS



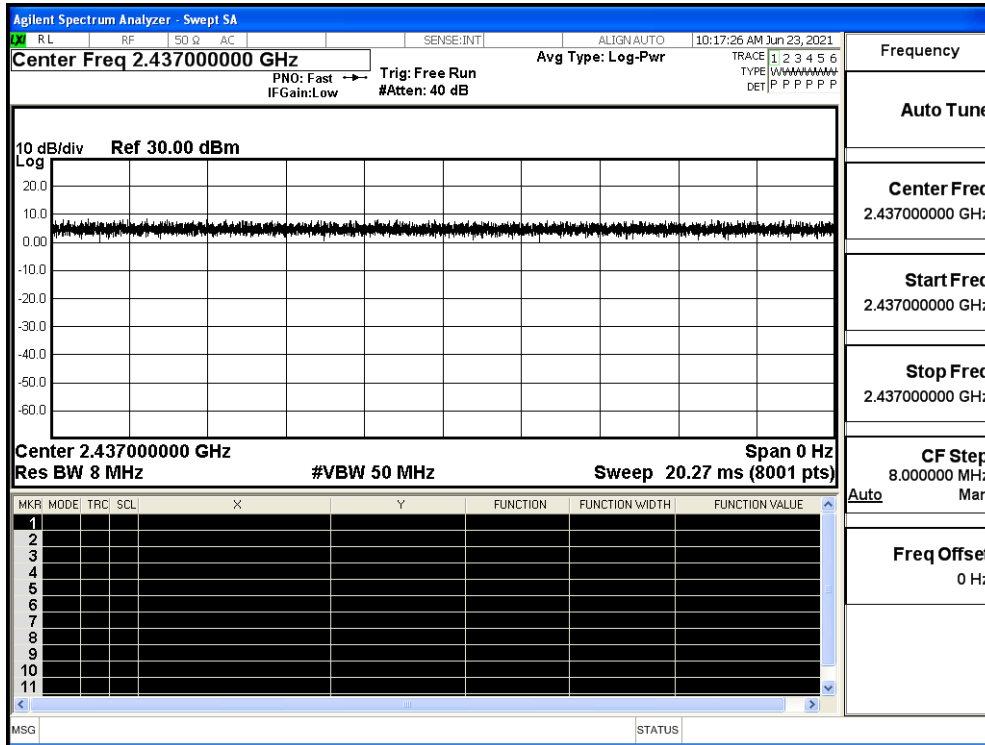
Duty Cycle_11B_2437_Ant1



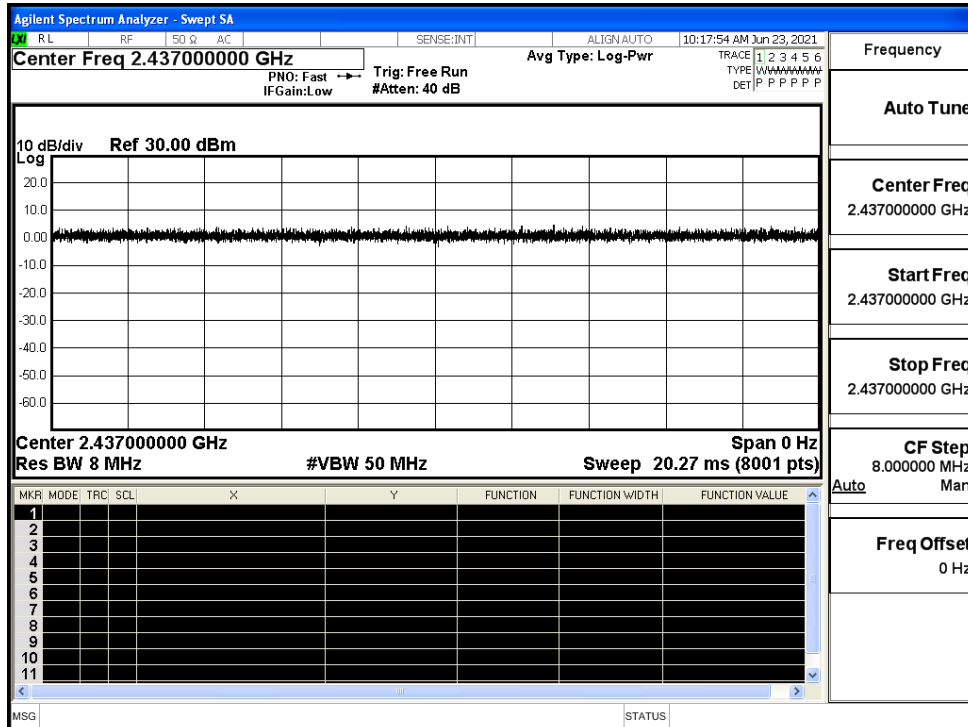
Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1



A.2 Maximum Conducted Output Power



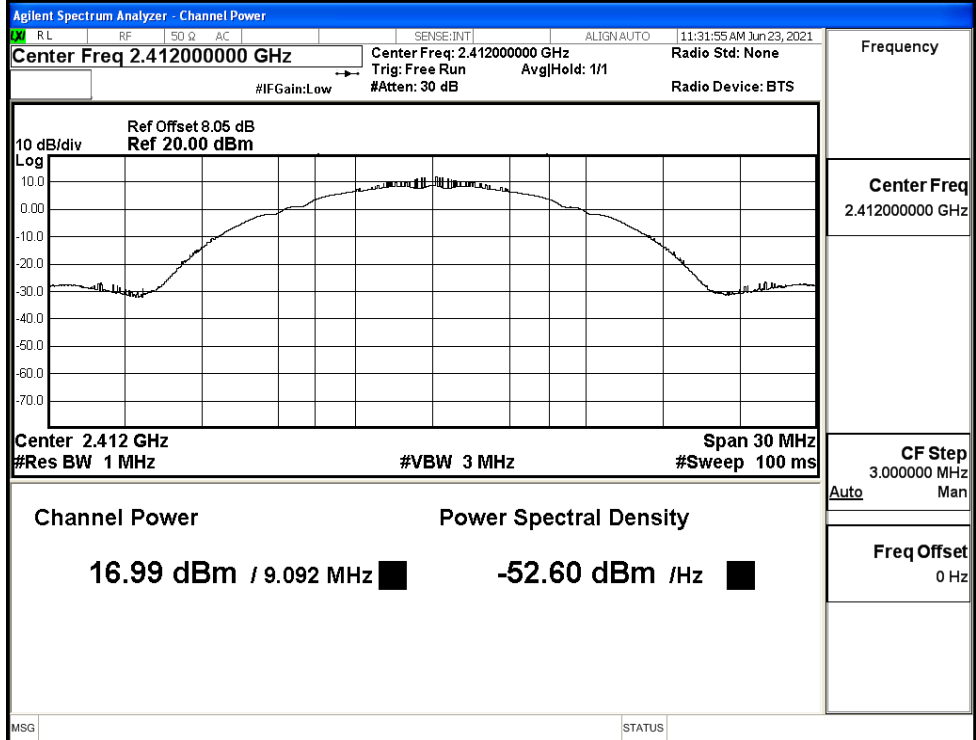
ANT0

Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	16.99	30	PASS
	MCH	18.15	30	PASS
	HCH	17.94	30	PASS
11G	LCH	22.18	30	PASS
	MCH	22.32	30	PASS
	HCH	22.32	30	PASS
11N20SISO	LCH	20.44	30	PASS
	MCH	20.06	30	PASS
	HCH	21.14	30	PASS
11N40SISO	LCH	20.9	30	PASS
	MCH	20.08	30	PASS
	HCH	20.91	30	PASS

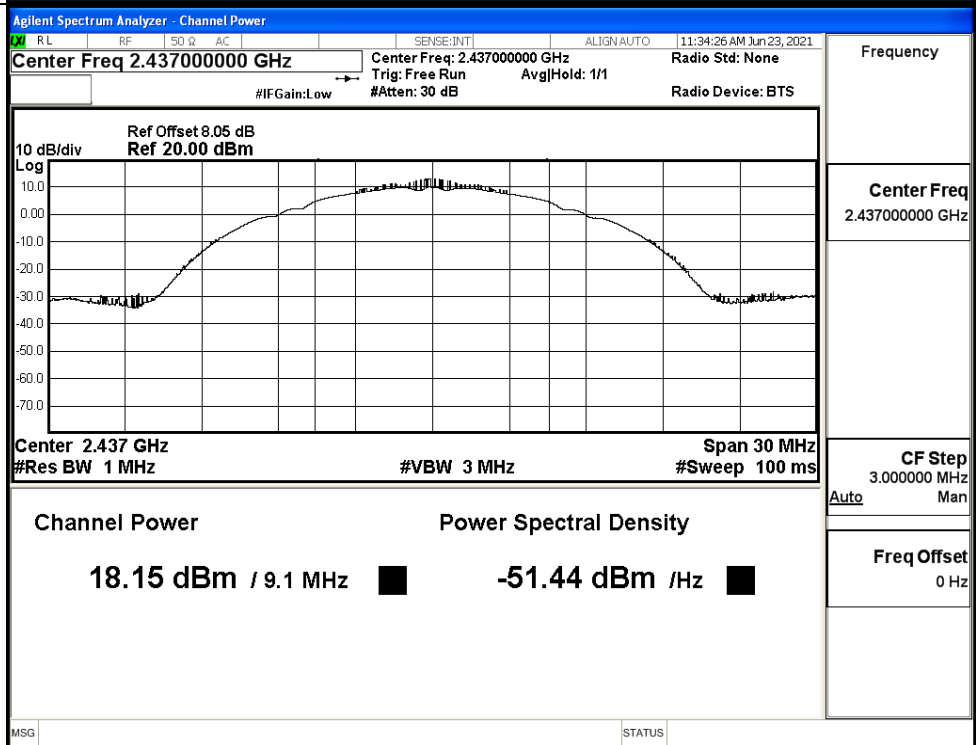


Test Graphs

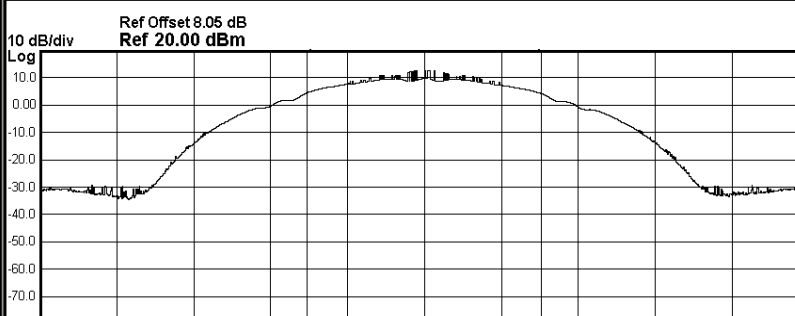
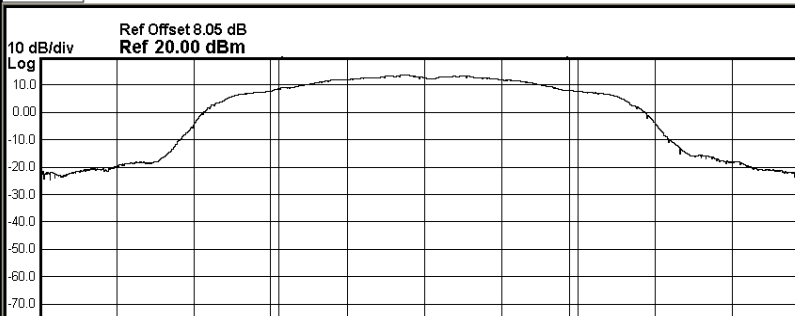
11B/LCH



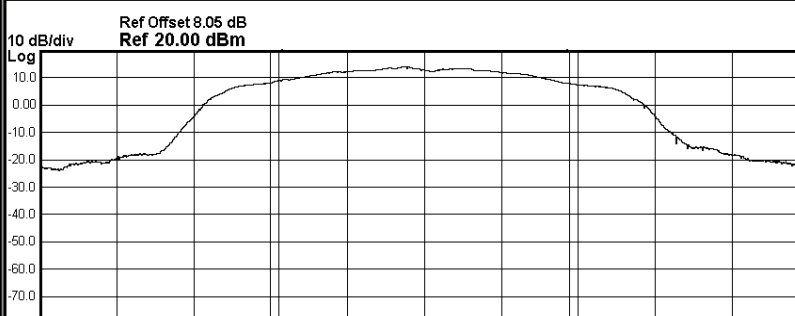
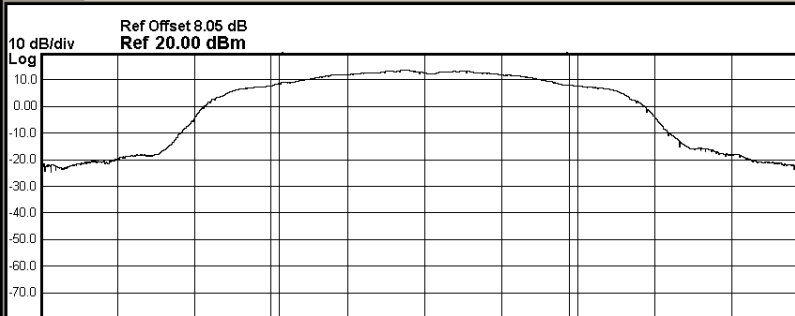
11B/MCH



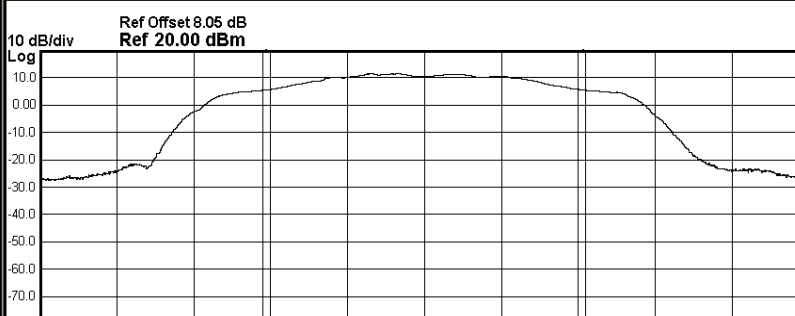
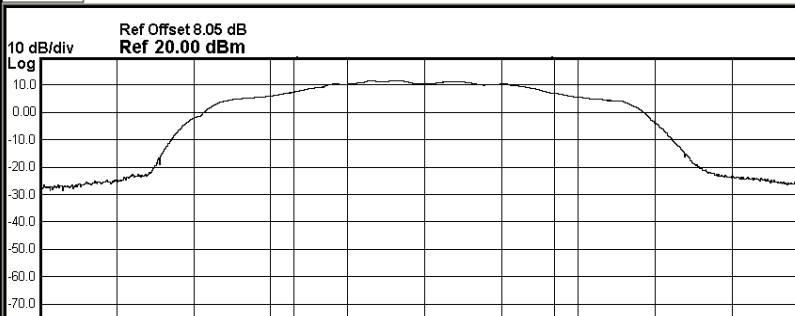


11B/HCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:40:12 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Log Ref 20.00 dBm</p>  <p>Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>17.94 dBm / 9.085 MHz -51.65 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.46200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11G/LCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:42:49 AM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.41200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Log Ref 20.00 dBm</p>  <p>Center 2.412 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>22.18 dBm / 11.32 MHz -48.36 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.41200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz



11G/MCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:45:24 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p>  <p>Center 2.437 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density 22.32 dBm / 11.32 MHz -48.21 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.43700000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11G/HCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:42:49 AM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p>  <p>Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density 22.18 dBm / 11.32 MHz -48.36 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.46200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

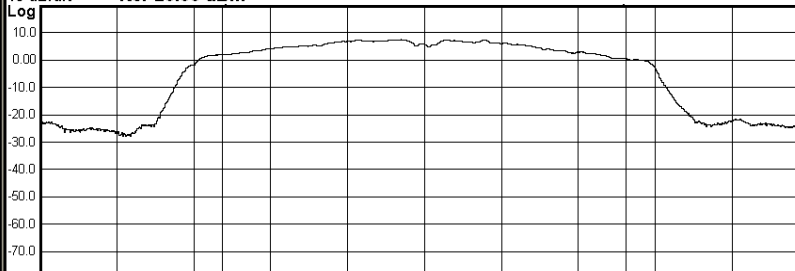
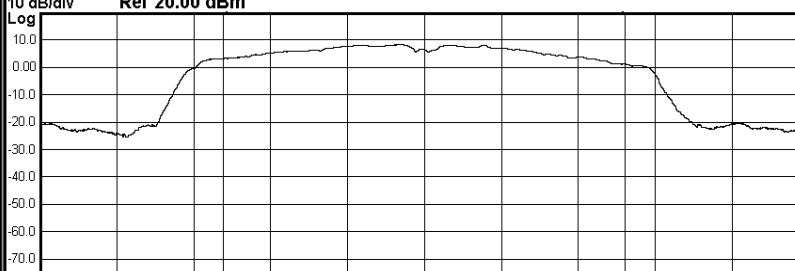


11N20SISO/LCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:40:28 PM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.412000000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Log Ref 20.00 dBm</p>  <p>Center 2.412 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density 20.44 dBm / 12.57 MHz -50.55 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.41200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11N20SISO/MCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:43:03 PM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.437000000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Log Ref 20.00 dBm</p>  <p>Center 2.437 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density 20.06 dBm / 10.11 MHz -49.99 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.43700000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz



<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF SO Q AC SENSE:INT ALIGN AUTO 01:44:49 PM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>21.14 dBm / 11.29 MHz -49.39 dBm /Hz</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF SO Q AC SENSE:INT ALIGN AUTO 01:49:40 PM Jun 23, 2021</p> <p>Center Freq 2.42200000 GHz Center Freq: 2.42200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.422 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>20.90 dBm / 31.3 MHz -54.05 dBm /Hz</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.42200000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 01:52:09 PM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Log Ref 20.00 dBm</p>  <p>Center 2.437 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>20.08 dBm / 31.34 MHz -54.89 dBm /Hz</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 01:53:55 PM Jun 23, 2021</p> <p>Center Freq 2.45200000 GHz Center Freq: 2.45200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Log Ref 20.00 dBm</p>  <p>Center 2.452 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>20.91 dBm / 31.31 MHz -54.05 dBm /Hz</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.45200000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



ANT1

Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	17.18	30	PASS
	MCH	18.36	30	PASS
	HCH	18.05	30	PASS
11G	LCH	21.76	30	PASS
	MCH	22.31	30	PASS
	HCH	21.91	30	PASS
11N20SISO	LCH	20.39	30	PASS
	MCH	20.23	30	PASS
	HCH	21.44	30	PASS
11N40SISO	LCH	21.09	30	PASS
	MCH	20.38	30	PASS
	HCH	20.29	30	PASS



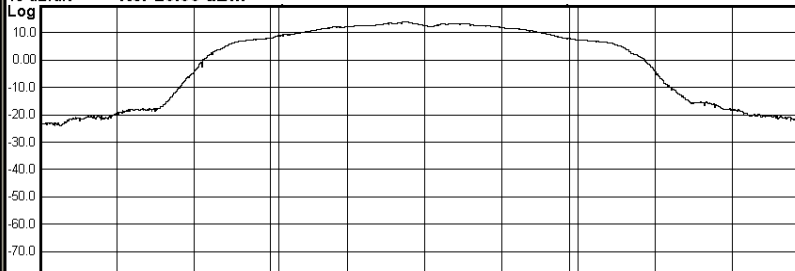
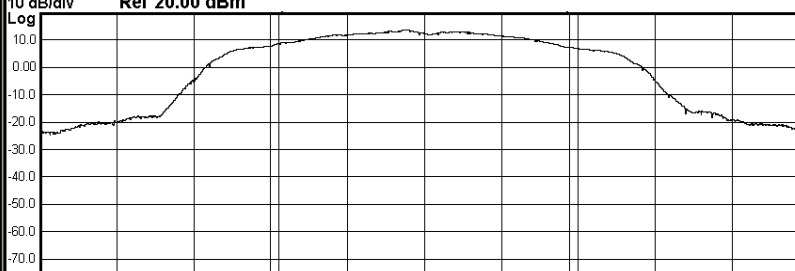
Test Graphs

<p>11B/LCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.412 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz #Sweep 100 ms</p> <p>Channel Power: 17.18 dBm / 9.114 MHz</p> <p>Power Spectral Density: -52.41 dBm /Hz</p>	<p>Frequency: 2.41200000 GHz</p> <p>CF Step: 3.000000 MHz</p> <p>Freq Offset: 0 Hz</p>
<p>11B/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.437 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz #Sweep 100 ms</p> <p>Channel Power: 18.36 dBm / 9.091 MHz</p> <p>Power Spectral Density: -51.23 dBm /Hz</p>	<p>Frequency: 2.43700000 GHz</p> <p>CF Step: 3.000000 MHz</p> <p>Freq Offset: 0 Hz</p>

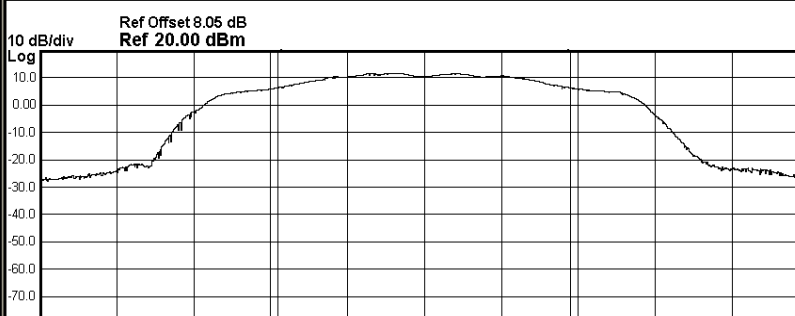
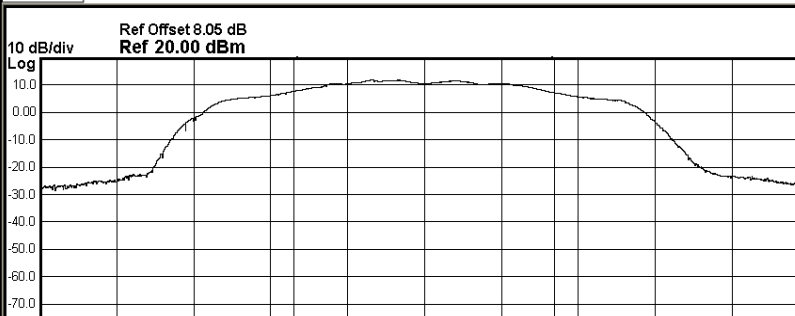


11B/HCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:16:23 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>18.05 dBm / 9.09 MHz -51.54 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.46200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11G/LCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:18:53 AM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.41200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.412 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>21.76 dBm / 10.11 MHz -48.29 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.41200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz



11G/MCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:21:28 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p>  <p>Center 2.437 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>22.31 dBm / 11.33 MHz -48.23 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.43700000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
	11G/HCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:23:10 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p>  <p>Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>21.91 dBm / 11.31 MHz -48.63 dBm /Hz</p> <p>MSG STATUS</p>

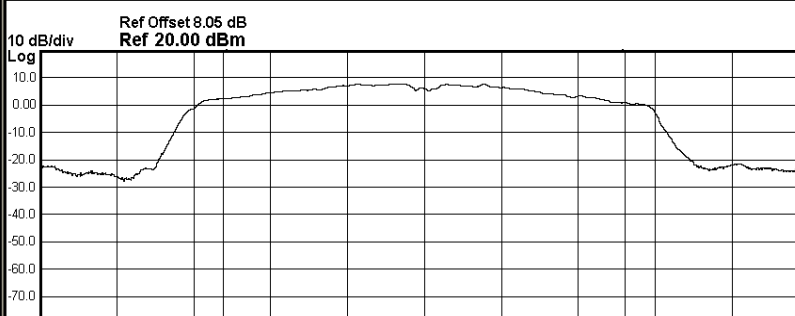
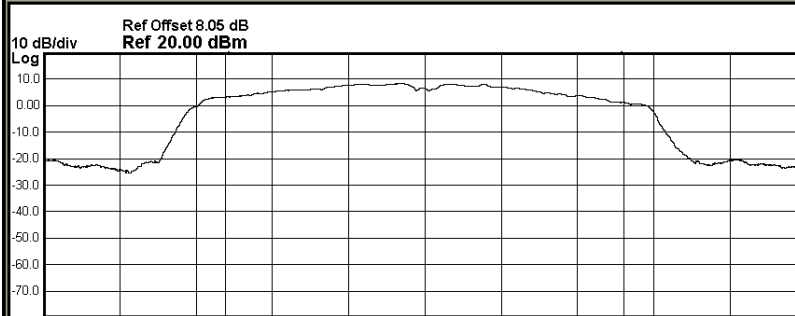


<p>11N20SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:25:53 AM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.412000000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p>  <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.412 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>20.39 dBm / 11.37 MHz -50.17 dBm /Hz</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.41200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:28:17 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.437000000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p>  <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.437 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>20.23 dBm / 10.1 MHz -49.82 dBm /Hz</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



11N20SISO/HCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF SO Q AC SENSE:INT ALIGN AUTO 02:41:40 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>21.44 dBm / 11.3 MHz -49.09 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.46200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/LCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF SO Q AC SENSE:INT ALIGN AUTO 02:44:21 AM Jun 23, 2021</p> <p>Center Freq 2.42200000 GHz Center Freq: 2.42200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.422 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>21.09 dBm / 30.11 MHz -53.70 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.42200000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz



11N40SISO/MCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:46:51 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p>  <p>Center 2.437 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density 20.38 dBm / 31.32 MHz -54.58 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.43700000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/HCH	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:53:55 PM Jun 23, 2021</p> <p>Center Freq 2.45200000 GHz Center Freq: 2.45200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm</p>  <p>Center 2.452 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density 20.29 dBm / 31.31 MHz -54.05 dBm /Hz</p> <p>MSG STATUS</p>	Frequency Center Freq 2.45200000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz



MIMO

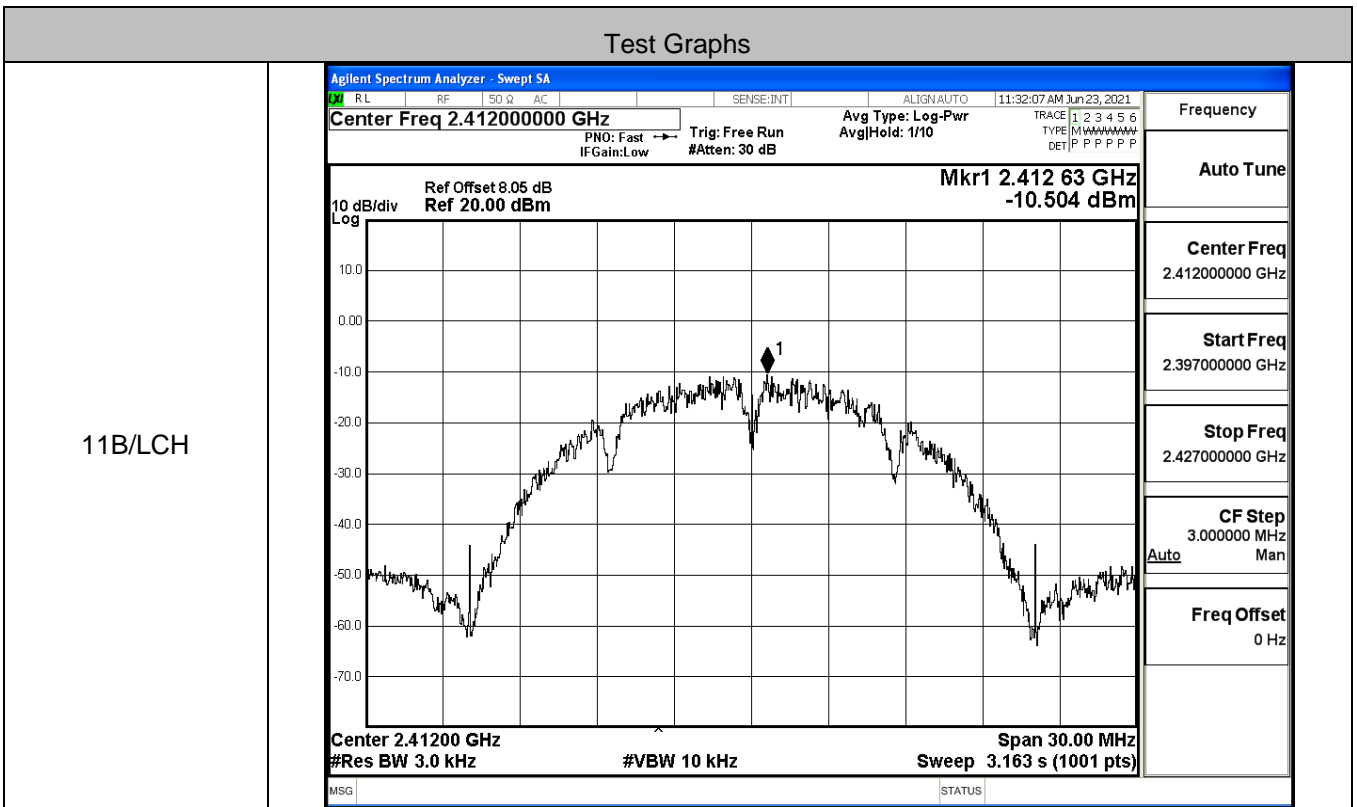
Mode	Channel	ANT 0 [dBm]	ANT 1 [dBm]	MIMO [dBm]	Limit [dBm]	Verdict
11N20	LCH	20.44	20.39	23.43	30	PASS
	MCH	20.06	20.23	23.16	30	PASS
	HCH	21.14	21.44	24.30	30	PASS
11N40	LCH	20.90	21.09	24.01	30	PASS
	MCH	20.08	20.38	23.24	30	PASS
	HCH	20.91	20.29	23.62	30	PASS

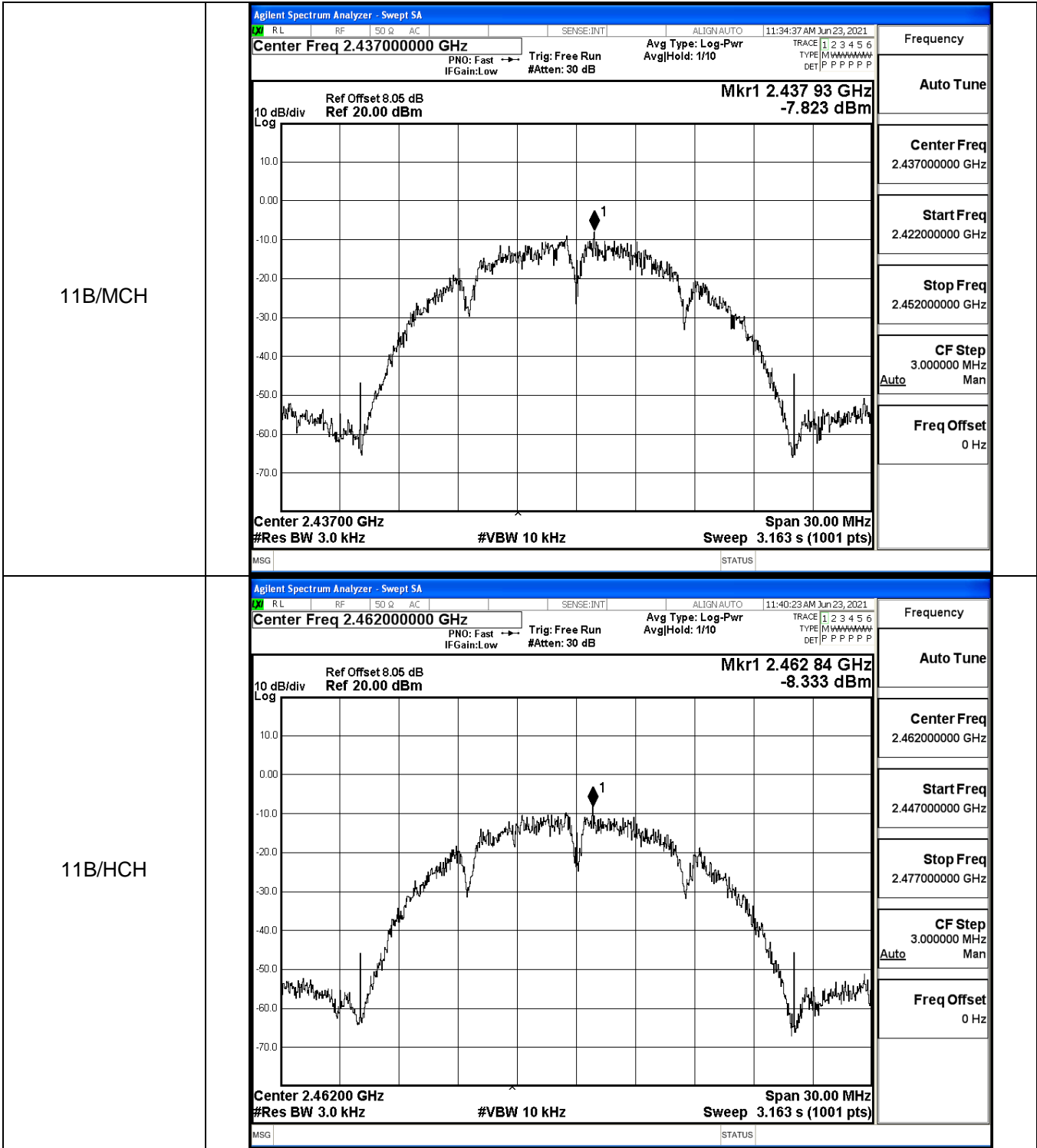


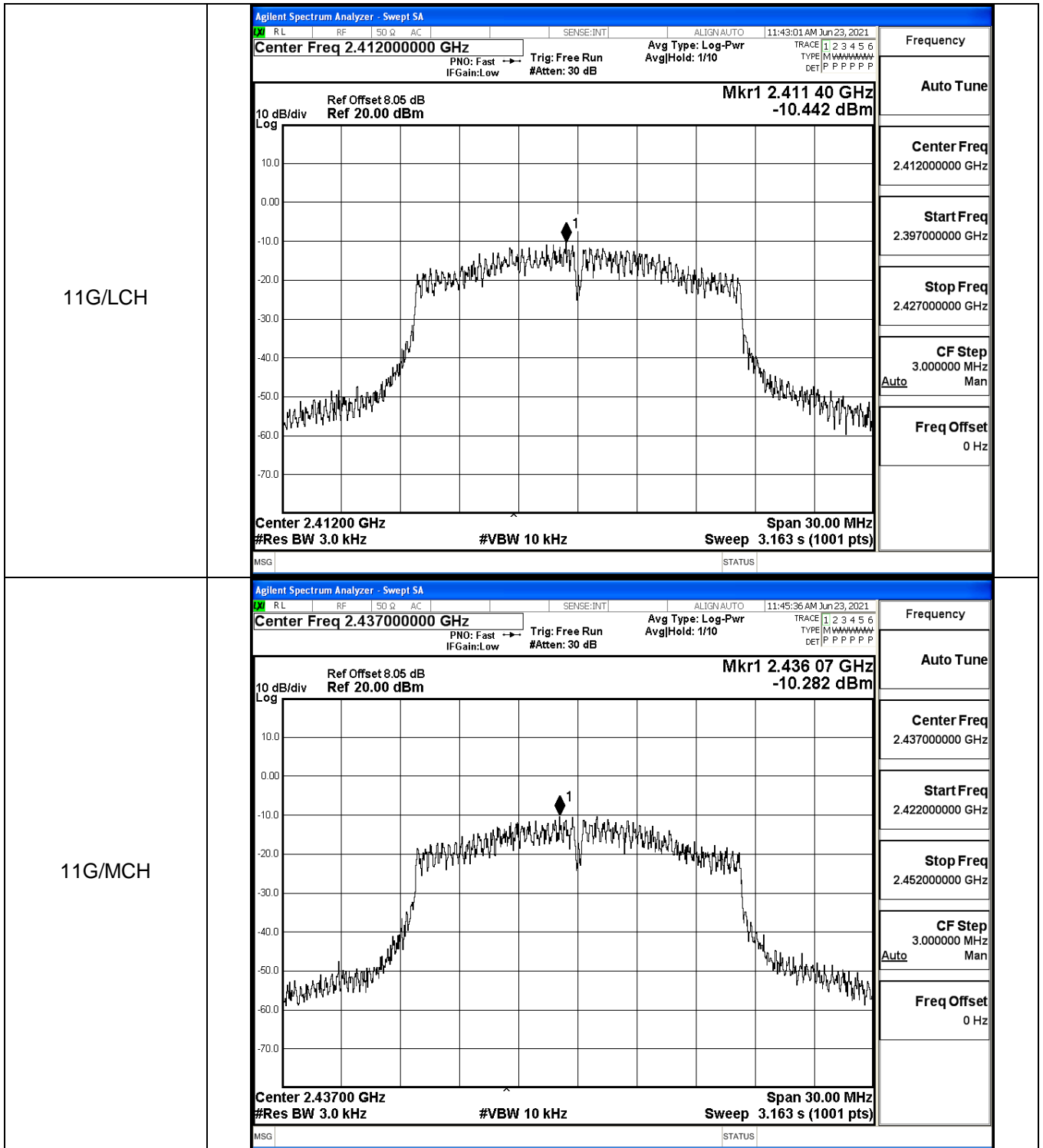
A.3 Maximum Power Spectral Density

ANT0

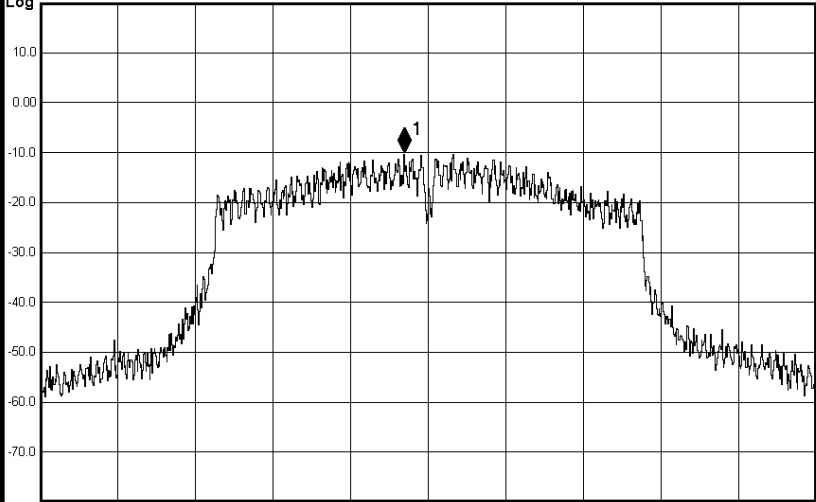
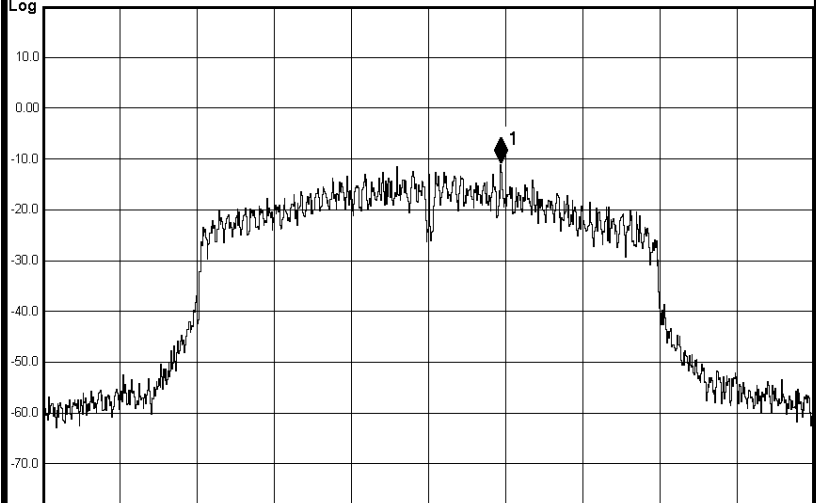
Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-10.504	8	PASS
	MCH	-7.823	8	PASS
	HCH	-8.333	8	PASS
11G	LCH	-10.442	8	PASS
	MCH	-10.282	8	PASS
	HCH	-10.282	8	PASS
11N20SISO	LCH	-11.074	8	PASS
	MCH	-11.340	8	PASS
	HCH	-11.086	8	PASS
11N40SISO	LCH	-11.616	8	PASS
	MCH	-12.122	8	PASS
	HCH	-12.212	8	PASS









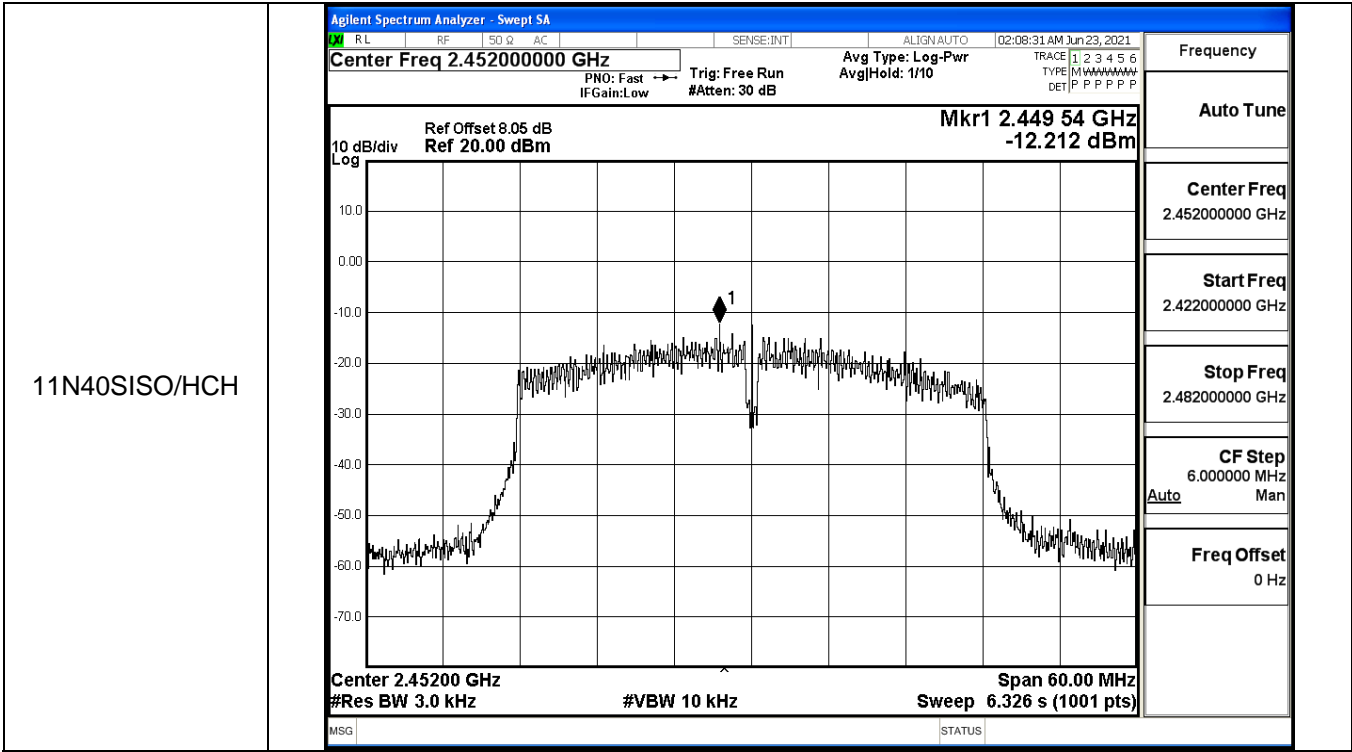
<p>11G/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA RL RF SQ AC SENSE:INT ALIGN:AUTO 11:45:36 AM Jun 23, 2021 Center Freq 2.46200000 GHz PNO: Fast Trig: Free Run Avg Type: Log-Pwr IFGain:Low #Atten: 30 dB #Att: 1/10 Ref Offset 8.05 dB Mkr1 2.436 07 GHz Ref 20.00 dBm -10.282 dBm 10 dB/div Log Center 2.46200 GHz Span 30.00 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p> 	<p>Frequency Auto Tune Center Freq 2.462000000 GHz Start Freq 2.447000000 GHz Stop Freq 2.477000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz</p>
<p>11N20SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Swept SA RL RF SQ AC SENSE:INT ALIGN:AUTO 01:40:39 PM Jun 23, 2021 Center Freq 2.41200000 GHz PNO: Fast Trig: Free Run Avg Type: Log-Pwr IFGain:Low #Atten: 30 dB #Att: 1/10 Ref Offset 8.05 dB Mkr1 2.414 82 GHz Ref 20.00 dBm -11.074 dBm 10 dB/div Log Center 2.41200 GHz Span 30.00 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p> 	<p>Frequency Auto Tune Center Freq 2.412000000 GHz Start Freq 2.397000000 GHz Stop Freq 2.427000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz</p>



<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.43982 GHz -11.340 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 30.00 MHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.43700000 GHz</p> <p>Start Freq 2.422000000 GHz</p> <p>Stop Freq 2.452000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.46179 GHz -11.086 dBm</p> <p>Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 30.00 MHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.46200000 GHz</p> <p>Start Freq 2.447000000 GHz</p> <p>Stop Freq 2.477000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



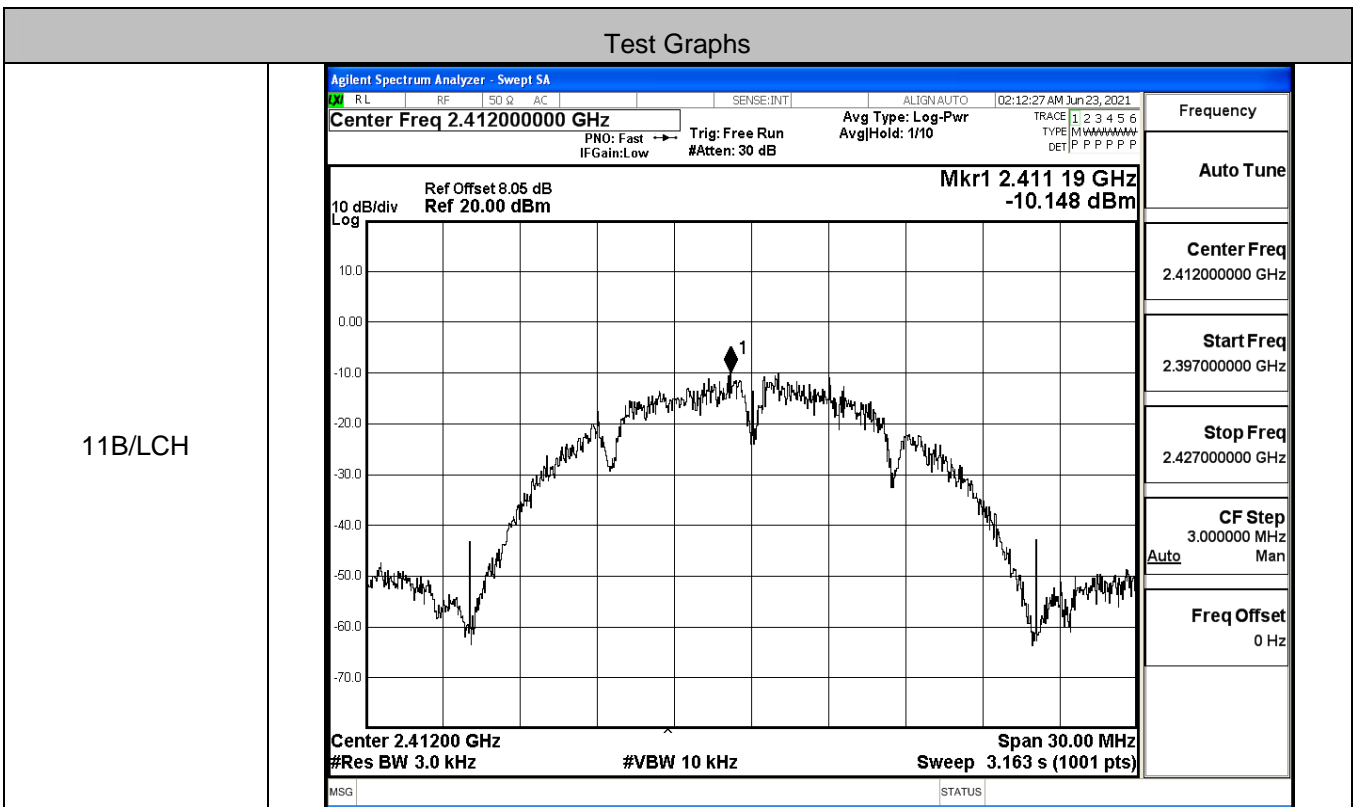
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.42200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.422 12 GHz -11.616 dBm</p> <p>10 dB/div Log</p> <p>Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.42200000 GHz</p> <p>Start Freq 2.39200000 GHz</p> <p>Stop Freq 2.45200000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.437 06 GHz -12.122 dBm</p> <p>10 dB/div Log</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.43700000 GHz</p> <p>Start Freq 2.40700000 GHz</p> <p>Stop Freq 2.46700000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>





ANT1

Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-10.148	8	PASS
	MCH	-8.724	8	PASS
	HCH	-8.840	8	PASS
11G	LCH	-10.409	8	PASS
	MCH	-10.455	8	PASS
	HCH	-10.715	8	PASS
11N20SISO	LCH	-11.890	8	PASS
	MCH	-10.273	8	PASS
	HCH	-10.618	8	PASS
11N40SISO	LCH	-11.507	8	PASS
	MCH	-12.012	8	PASS
	HCH	-12.438	8	PASS





<p>11B/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.436 40 GHz -8.724 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.422000000 GHz</p> <p>Stop Freq 2.452000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11B/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.462 69 GHz -8.840 dBm</p> <p>Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.462000000 GHz</p> <p>Start Freq 2.447000000 GHz</p> <p>Stop Freq 2.477000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

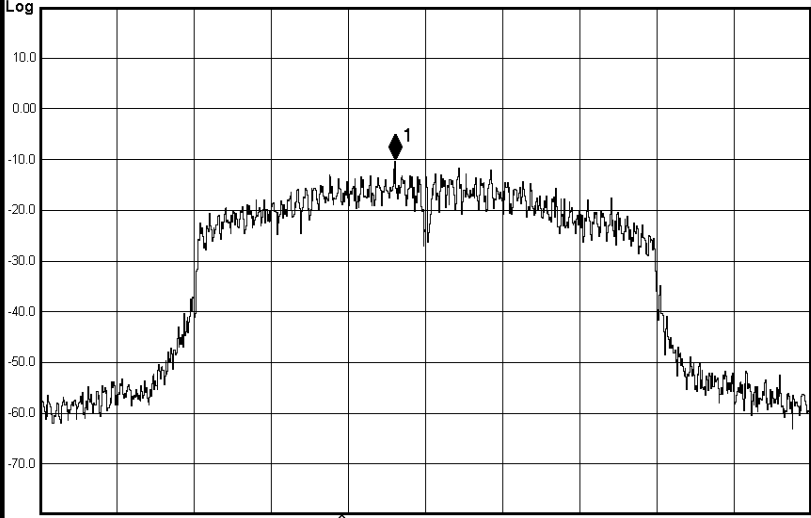
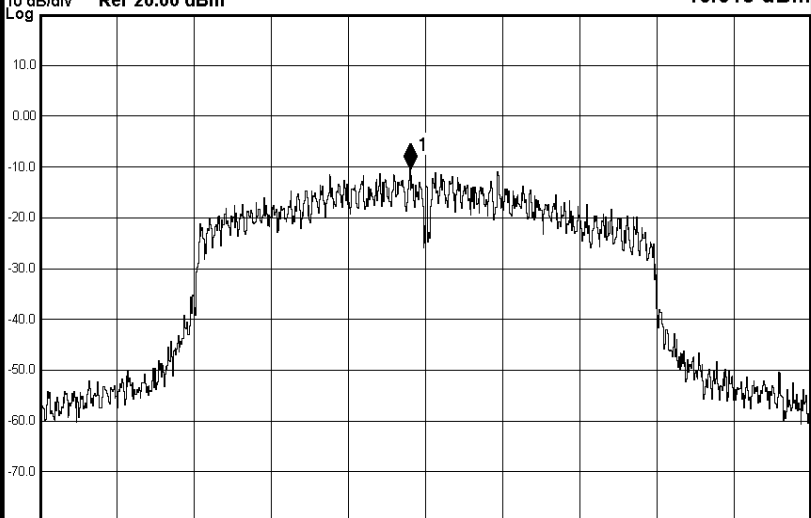


<p>11G/LCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.411 19 GHz -10.409 dBm</p> <p>Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.41200000 GHz</p> <p>Start Freq 2.397000000 GHz</p> <p>Stop Freq 2.427000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11G/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.437 66 GHz -10.455 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.43700000 GHz</p> <p>Start Freq 2.422000000 GHz</p> <p>Stop Freq 2.452000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



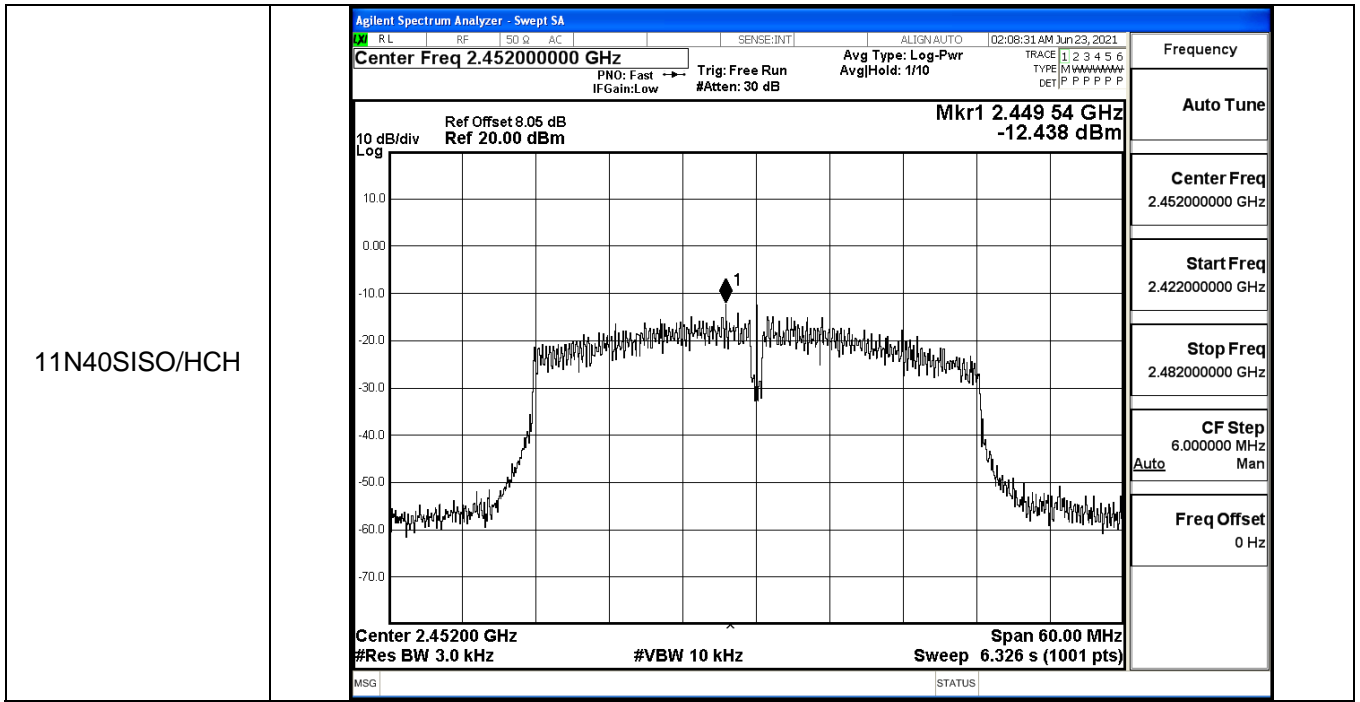
11G/HCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.464 55 GHz -10.715 dBm</p> <p>Center 2.46200 GHz Span 30.00 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.46200000 GHz</p> <p>Start Freq 2.447000000 GHz</p> <p>Stop Freq 2.477000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
11N20SISO/LCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.412 39 GHz -11.890 dBm</p> <p>Center 2.41200 GHz Span 30.00 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.41200000 GHz</p> <p>Start Freq 2.397000000 GHz</p> <p>Stop Freq 2.427000000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA RL RF SO Q AC SENSE:INT ALIGN AUTO 02:28:29 AM Jun 23, 2021 Center Freq 2.43700000 GHz PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 1/10 Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.435 83 GHz -10.273 dBm 10 dB/div Log Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 30.00 MHz Sweep 3.163 s (1001 pts)</p> 	<p>Frequency Auto Tune Center Freq 2.43700000 GHz Start Freq 2.422000000 GHz Stop Freq 2.452000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz</p>
<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA RL RF SO Q AC SENSE:INT ALIGN AUTO 02:41:52 AM Jun 23, 2021 Center Freq 2.46200000 GHz PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 1/10 Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.461 40 GHz -10.618 dBm 10 dB/div Log Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 30.00 MHz Sweep 3.163 s (1001 pts)</p> 	<p>Frequency Auto Tune Center Freq 2.46200000 GHz Start Freq 2.447000000 GHz Stop Freq 2.477000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz</p>



<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.42200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.422 06 GHz -11.507 dBm</p> <p>Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.42200000 GHz</p> <p>Start Freq 2.392000000 GHz</p> <p>Stop Freq 2.452000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.437 06 GHz -12.012 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.407000000 GHz</p> <p>Stop Freq 2.467000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



MIMO

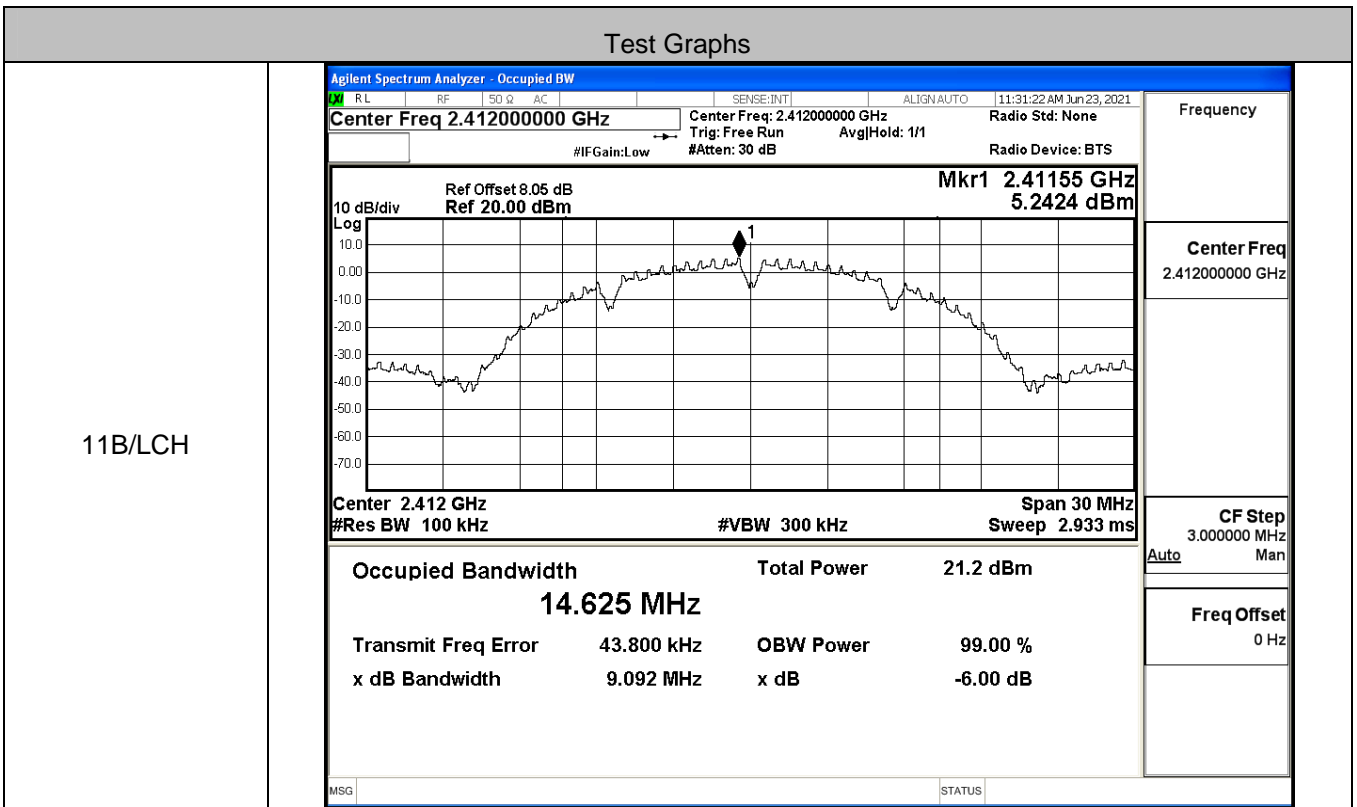
Mode	Channel	ANT 0 [dBm/3KHz]	ANT 1 [dBm/3KHz]	MIMO [dBm/3KHz]	10log(N-3) dB	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11N20	LCH	-11.074	-11.890	-8.45	3.01	-5.44	8.00	PASS
	MCH	-11.340	-10.273	-7.76	3.01	-4.75	8.00	PASS
	HCH	-11.086	-10.618	-7.84	3.01	-4.83	8.00	PASS
11N40	LCH	-11.616	-11.507	-8.55	3.01	-5.54	8.00	PASS
	MCH	-12.122	-12.012	-9.06	3.01	-6.05	8.00	PASS
	HCH	-12.212	-12.438	-9.31	3.01	-6.30	8.00	PASS



A.4 6dB Bandwidth

ANTO

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.092	≥0.5	PASS
	MCH	9.100	≥0.5	PASS
	HCH	9.085	≥0.5	PASS
11G	LCH	11.32	≥0.5	PASS
	MCH	11.32	≥0.5	PASS
	HCH	11.32	≥0.5	PASS
11N20SISO	LCH	12.57	≥0.5	PASS
	MCH	10.11	≥0.5	PASS
	HCH	11.29	≥0.5	PASS
11N40SISO	LCH	31.30	≥0.5	PASS
	MCH	31.34	≥0.5	PASS
	HCH	31.31	≥0.5	PASS





<p>11B/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Mkr1 2.43652 GHz 6.6755 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 14.410 MHz Total Power 22.6 dBm</p> <p>Transmit Freq Error -19.236 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 9.100 MHz x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11B/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Mkr1 2.46155 GHz 6.2232 dBm</p> <p>Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 14.354 MHz Total Power 22.1 dBm</p> <p>Transmit Freq Error -769 Hz OBW Power 99.00 %</p> <p>x dB Bandwidth 9.085 MHz x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>



<p>11G/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.41200000 GHz</p> <p>Mkr1 2.41326 GHz 6.0189 dBm</p> <p>Center 2.412 GHz #Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 15.881 MHz</p> <p>Total Power 21.8 dBm</p> <p>Transmit Freq Error 1.940 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 11.32 MHz</p> <p>x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.41200000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11G/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Mkr1 2.43829 GHz 6.2080 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 15.860 MHz</p> <p>Total Power 22.0 dBm</p> <p>Transmit Freq Error -9.920 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 11.32 MHz</p> <p>x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 3.000000 MHz</p> <p>Freq Offset 0 Hz</p>



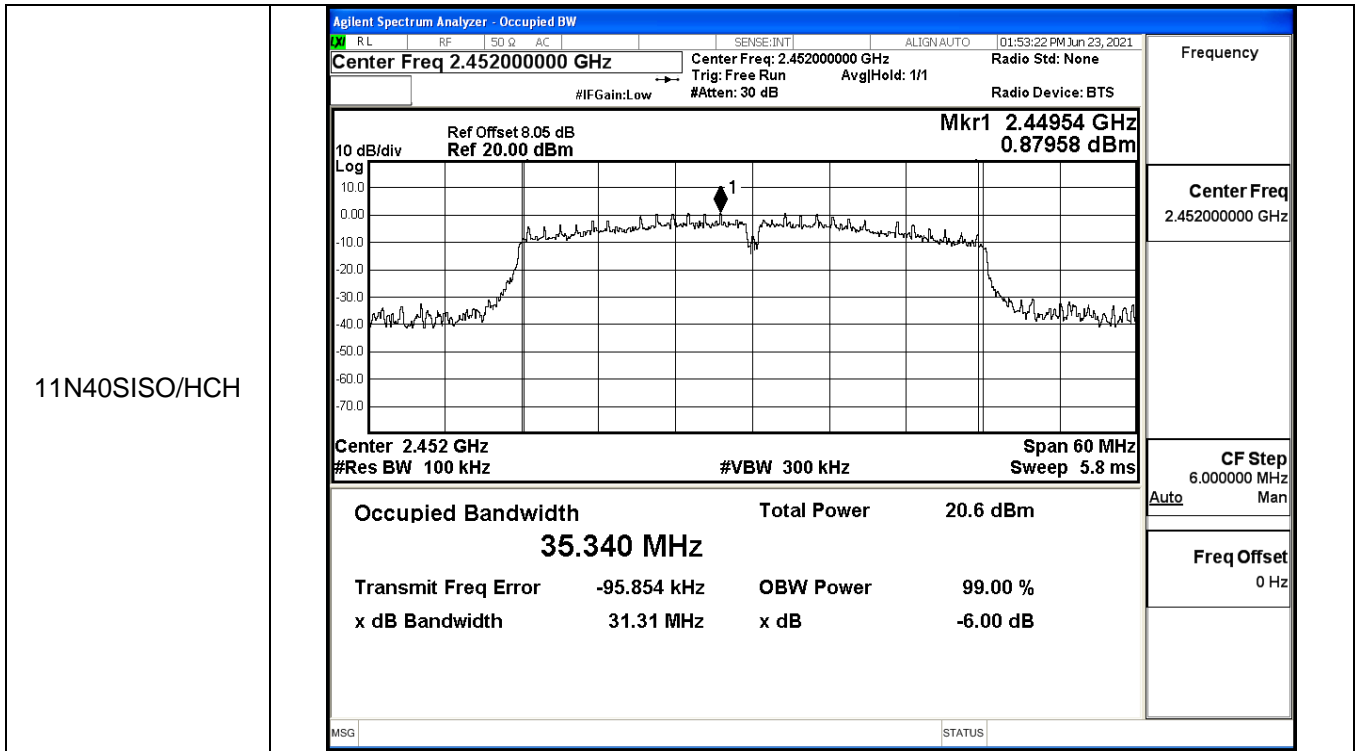
<p>11G/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 11:44:51 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain: Low #Atten: 30 dB Radio Device: BTS</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 15.860 MHz Total Power 22.0 dBm</p> <p>Transmit Freq Error -9.920 kHz OBW Power 99.00 % x dB Bandwidth 11.32 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 01:39:54 PM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.41200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain: Low #Atten: 30 dB Radio Device: BTS</p> <p>Center 2.412 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.742 MHz Total Power 20.1 dBm</p> <p>Transmit Freq Error -16.517 kHz OBW Power 99.00 % x dB Bandwidth 12.57 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.41200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ Ω AC SENSE:INT ALIGN AUTO 01:42:30 PM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.43829 GHz Ref 20.00 dBm 4.5197 dBm</p> <p>Center 2.437 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.725 MHz Total Power 20.1 dBm</p> <p>Transmit Freq Error -11.286 kHz OBW Power 99.00 % x dB Bandwidth 10.11 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ Ω AC SENSE:INT ALIGN AUTO 01:44:16 PM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.46329 GHz Ref 20.00 dBm 5.5535 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.727 MHz Total Power 21.2 dBm</p> <p>Transmit Freq Error -38.081 kHz OBW Power 99.00 % x dB Bandwidth 11.29 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.42200000 GHz</p> <p>Mkr1 2.42452 GHz</p> <p>Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 5.8 ms</p> <p>Occupied Bandwidth 35.302 MHz Total Power 20.6 dBm</p> <p>Transmit Freq Error -55.849 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 31.30 MHz x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.42200000 GHz</p> <p>CF Step 6.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Mkr1 2.43454 GHz</p> <p>Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 5.8 ms</p> <p>Occupied Bandwidth 35.292 MHz Total Power 19.6 dBm</p> <p>Transmit Freq Error -31.624 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 31.34 MHz x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 6.000000 MHz</p> <p>Freq Offset 0 Hz</p>



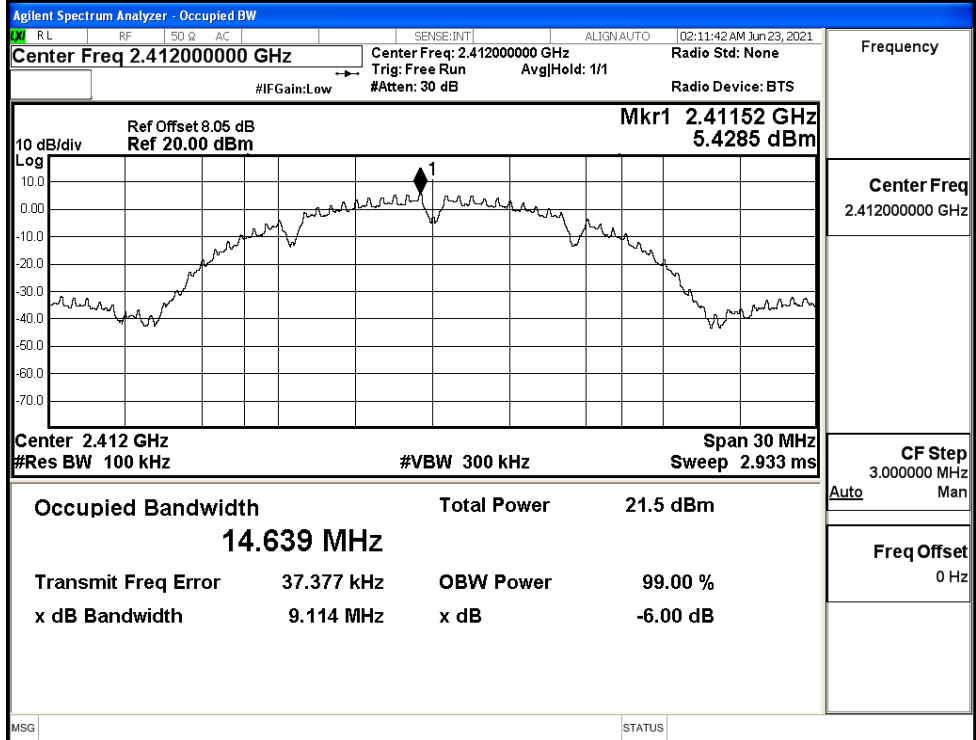
ANT1

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.114	≥0.5	PASS
	MCH	9.091	≥0.5	PASS
	HCH	9.090	≥0.5	PASS
11G	LCH	10.11	≥0.5	PASS
	MCH	11.33	≥0.5	PASS
	HCH	11.31	≥0.5	PASS
11N20SISO	LCH	11.37	≥0.5	PASS
	MCH	10.10	≥0.5	PASS
	HCH	11.30	≥0.5	PASS
11N40SISO	LCH	30.11	≥0.5	PASS
	MCH	31.32	≥0.5	PASS
	HCH	31.34	≥0.5	PASS

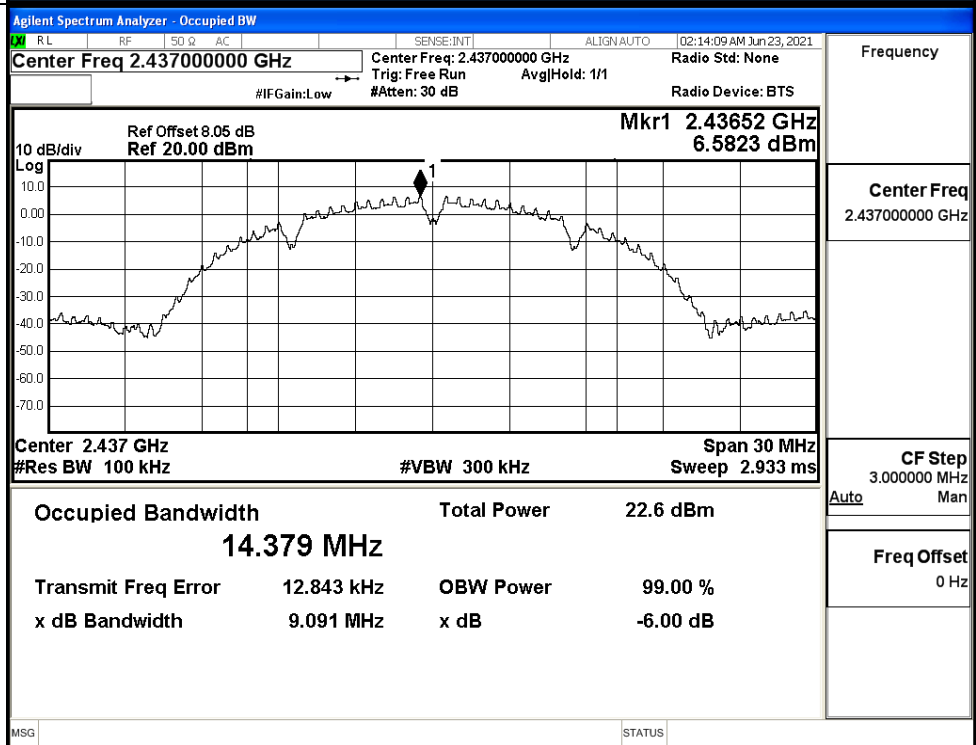


Test Graphs

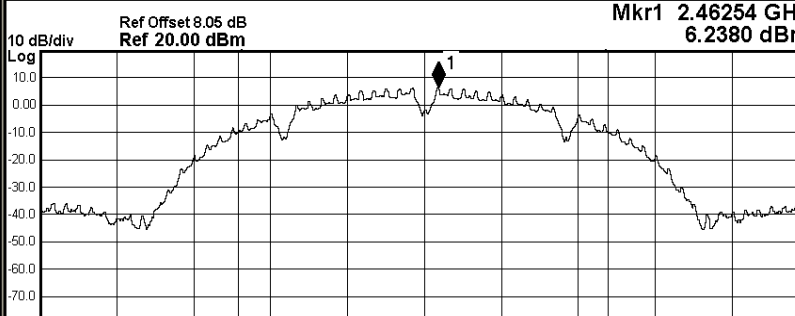
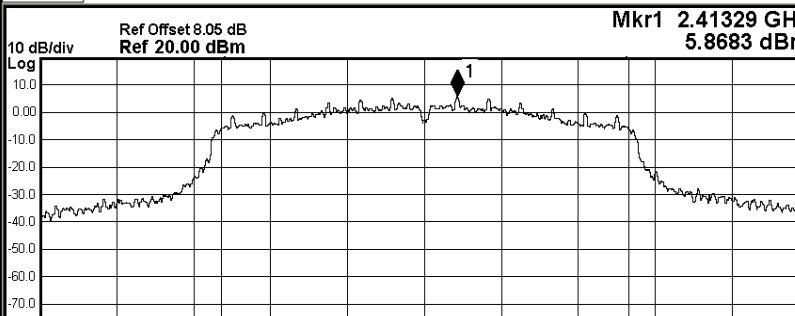
11B/LCH



11B/MCH





<p>11B/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 02:15:50 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run AvgHold: >1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p>  <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.46254 GHz Ref 20.00 dBm 6.2380 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 22.3 dBm 14.333 MHz</p> <p>Transmit Freq Error -26.087 kHz OBW Power 99.00 % x dB Bandwidth 9.090 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11G/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 02:18:20 AM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.41200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p>  <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.41329 GHz Ref 20.00 dBm 5.8683 dBm</p> <p>Center 2.412 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 21.7 dBm 15.874 MHz</p> <p>Transmit Freq Error 22.323 kHz OBW Power 99.00 % x dB Bandwidth 10.11 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.41200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

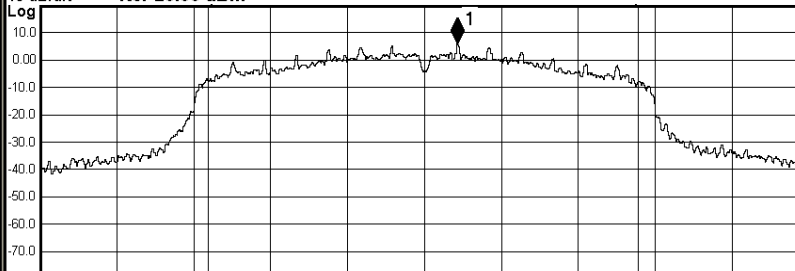
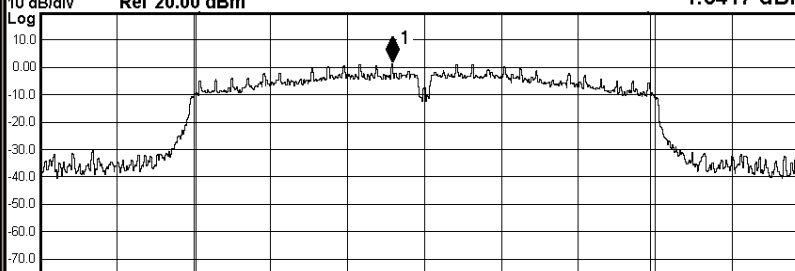


<p>11G/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:20:55 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.43826 GHz Ref 20.00 dBm 6.0367 dBm</p> <p>Center 2.437 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 22.0 dBm 15.856 MHz</p> <p>Transmit Freq Error -6.228 kHz OBW Power 99.00 % x dB Bandwidth 11.33 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11G/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:22:37 AM Jun 23, 2021</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.46329 GHz Ref 20.00 dBm 5.7779 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 21.7 dBm 15.872 MHz</p> <p>Transmit Freq Error -725 Hz OBW Power 99.00 % x dB Bandwidth 11.31 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



<p>11N20SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 02:25:20 AM Jun 23, 2021</p> <p>Center Freq 2.41200000 GHz Center Freq: 2.41200000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.41329 GHz Ref 20.00 dBm 3.8142 dBm</p> <p>Center 2.412 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 20.3 dBm 16.735 MHz</p> <p>Transmit Freq Error -1.275 kHz OBW Power 99.00 % x dB Bandwidth 11.37 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.41200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF SQ AC SENSE:INT ALIGN AUTO 02:27:44 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz Center Freq: 2.43700000 GHz Radio Std: None Trig: Free Run AvgHold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.43829 GHz Ref 20.00 dBm 4.6908 dBm</p> <p>Center 2.437 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 20.3 dBm 16.718 MHz</p> <p>Transmit Freq Error -14.812 kHz OBW Power 99.00 % x dB Bandwidth 10.10 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.46200000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.46329 GHz Ref 20.00 dBm 5.8194 dBm</p>  <p>Center 2.462 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth Total Power 21.4 dBm 16.735 MHz</p> <p>Transmit Freq Error -36.152 kHz OBW Power 99.00 % x dB Bandwidth 11.30 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.42200000 GHz Center Freq: 2.42200000 GHz Radio Std: None Trig: Free Run Avg Hold: > 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.41948 GHz Ref 20.00 dBm 1.3417 dBm</p>  <p>Center 2.422 GHz Span 60 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.8 ms</p> <p>Occupied Bandwidth Total Power 20.9 dBm 35.299 MHz</p> <p>Transmit Freq Error -51.226 kHz OBW Power 99.00 % x dB Bandwidth 30.11 MHz x dB -6.00 dB</p> <p>MSG STATUS</p>	<p>Frequency</p> <p>Center Freq 2.42200000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



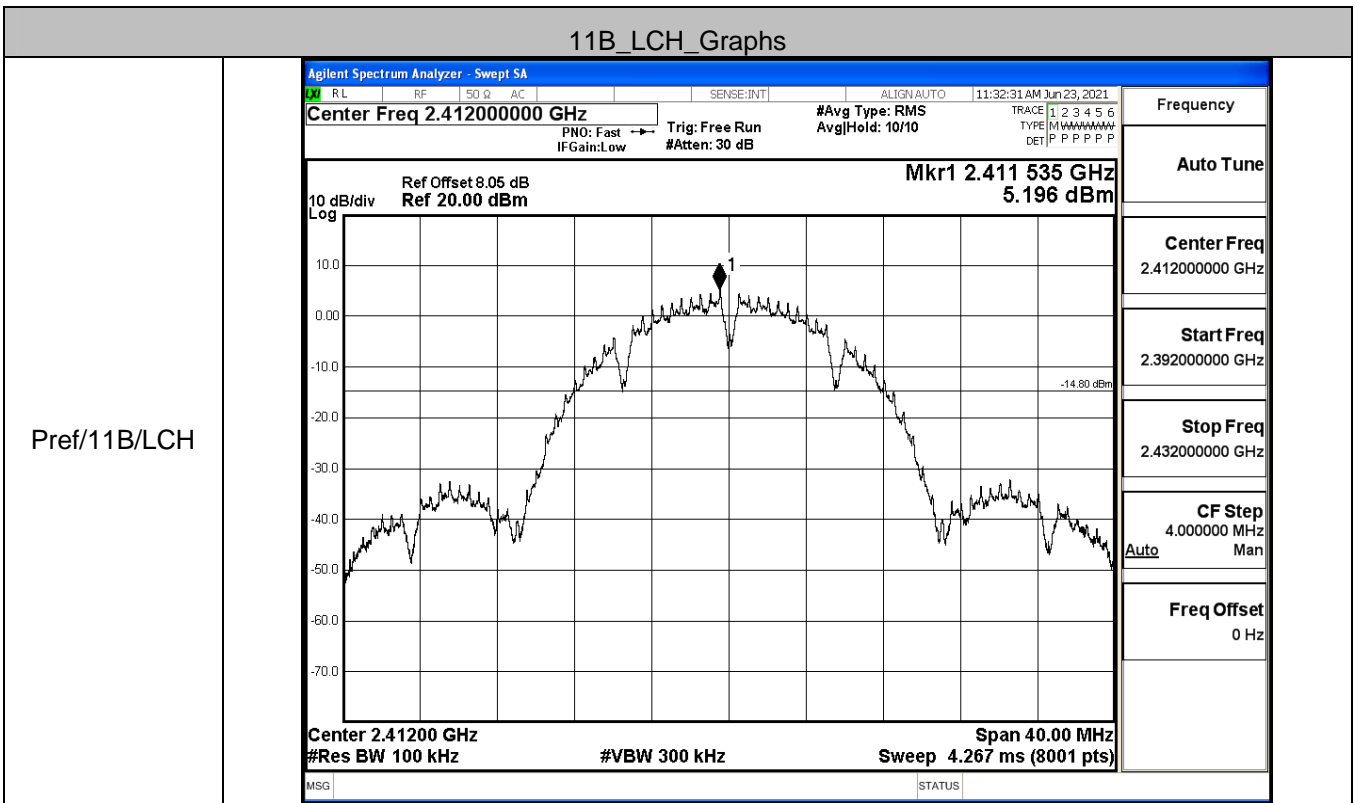
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:46:18 AM Jun 23, 2021</p> <p>Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.43958 GHz Ref 20.00 dBm 0.24126 dBm</p> <p>Center 2.437 GHz Span 60 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.8 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>20.0 dBm</td> </tr> <tr> <td>35.312 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>-49.541 kHz</td> <td>OBW Power 99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>31.32 MHz</td> <td>x dB -6.00 dB</td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	20.0 dBm	35.312 MHz			Transmit Freq Error	-49.541 kHz	OBW Power 99.00 %	x dB Bandwidth	31.32 MHz	x dB -6.00 dB	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
Occupied Bandwidth	Total Power	20.0 dBm												
35.312 MHz														
Transmit Freq Error	-49.541 kHz	OBW Power 99.00 %												
x dB Bandwidth	31.32 MHz	x dB -6.00 dB												
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:53:22 PM Jun 23, 2021</p> <p>Center Freq 2.452000000 GHz Center Freq: 2.452000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.44954 GHz Ref 20.00 dBm 0.87958 dBm</p> <p>Center 2.452 GHz Span 60 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.8 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>20.6 dBm</td> </tr> <tr> <td>35.332 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>9.8894 MHz</td> <td>OBW Power 99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>31.34 MHz</td> <td>x dB -6.00 dB</td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	20.6 dBm	35.332 MHz			Transmit Freq Error	9.8894 MHz	OBW Power 99.00 %	x dB Bandwidth	31.34 MHz	x dB -6.00 dB	<p>Frequency</p> <p>Center Freq 2.452000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
Occupied Bandwidth	Total Power	20.6 dBm												
35.332 MHz														
Transmit Freq Error	9.8894 MHz	OBW Power 99.00 %												
x dB Bandwidth	31.34 MHz	x dB -6.00 dB												

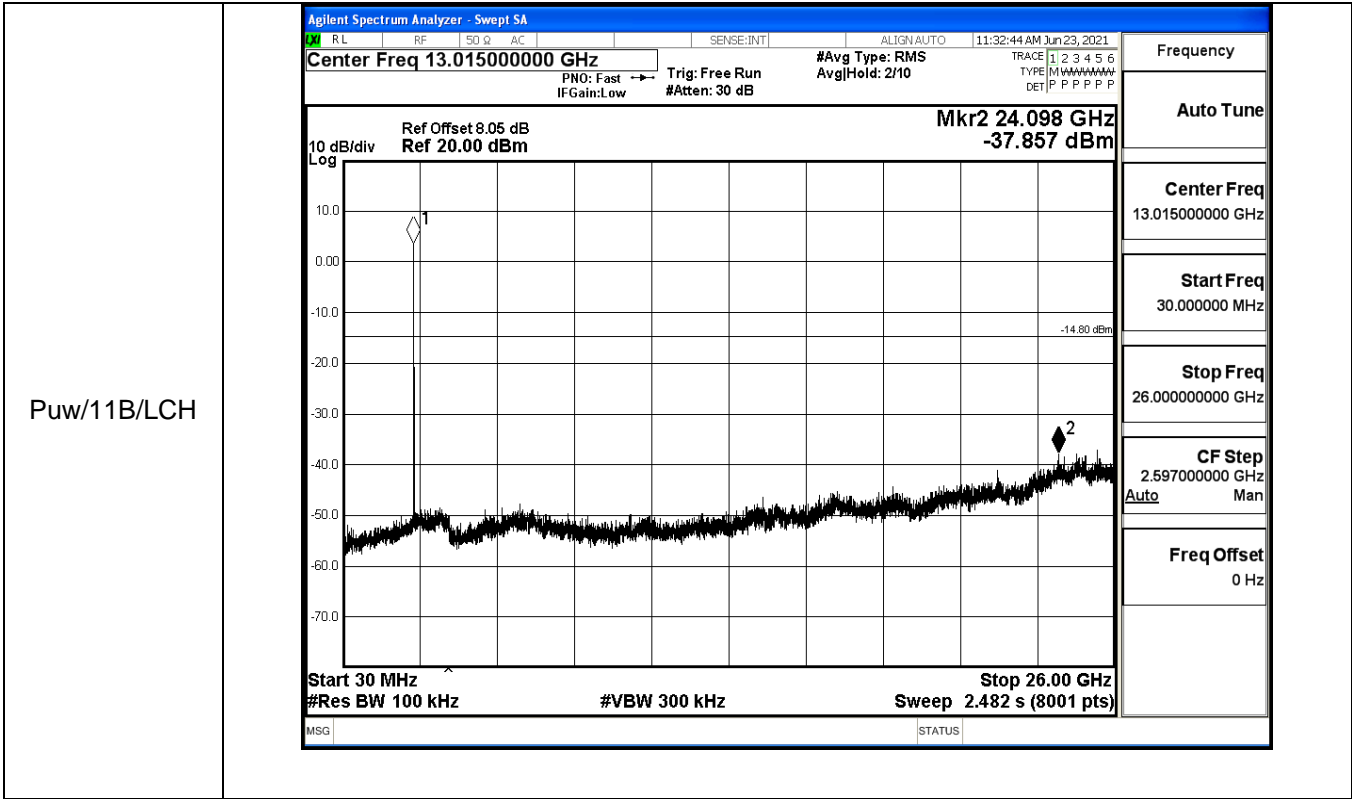


A.5 RF Conducted Spurious Emissions

ANT0

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.196	-37.857	-14.804	PASS
	MCH	6.229	-38.547	-13.771	PASS
	HCH	5.926	-38.409	-14.074	PASS
11G	LCH	4.824	-38.795	-15.176	PASS
	MCH	5.272	-38.141	-14.728	PASS
	HCH	6.226	-38.293	-13.774	PASS
11N20 SISO	LCH	3.419	-37.840	-16.581	PASS
	MCH	3.318	-37.524	-16.682	PASS
	HCH	4.403	-37.067	-15.597	PASS
11N40 SISO	LCH	-0.267	-38.789	-20.267	PASS
	MCH	-0.694	-37.768	-20.694	PASS
	HCH	0.412	-37.318	-19.588	PASS







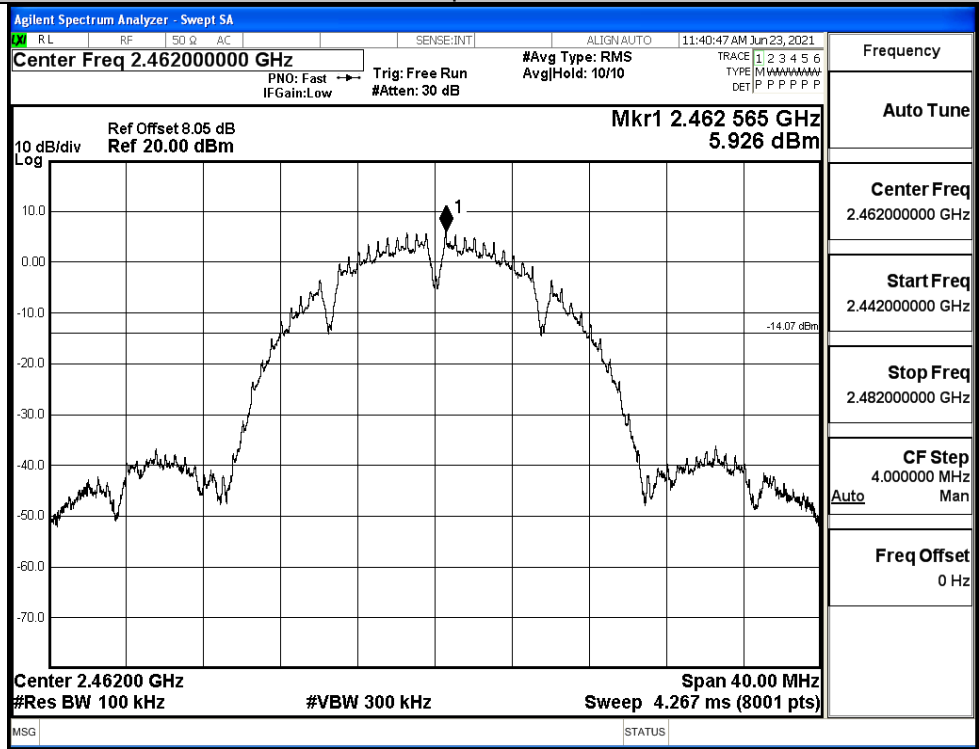
11B_MCH_Graphs

Pref/11B/MCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.436 545 GHz 6.229 dBm</p> <p>Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.267 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.417000000 GHz</p> <p>Stop Freq 2.457000000 GHz</p> <p>CF Step 4.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
Puw/11B/MCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.01500000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr2 25.490 GHz -38.547 dBm</p> <p>Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.482 s (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 13.015000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 26.000000000 GHz</p> <p>CF Step 2.597000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>

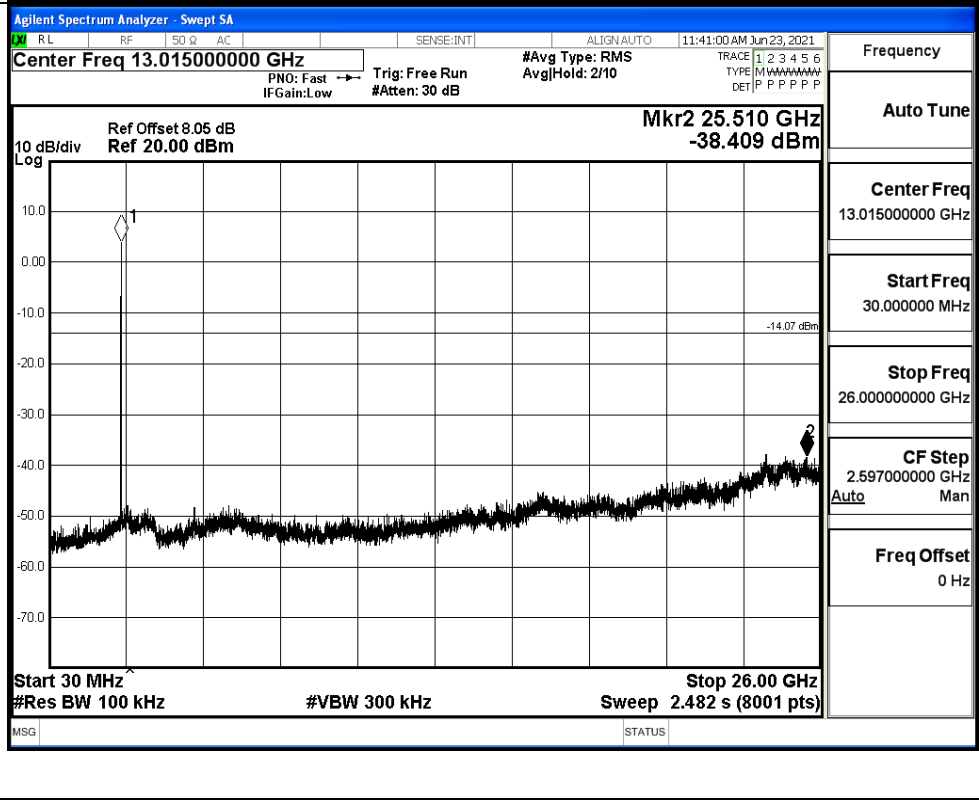


11B_HCH_Graphs

Pref/11B/HCH



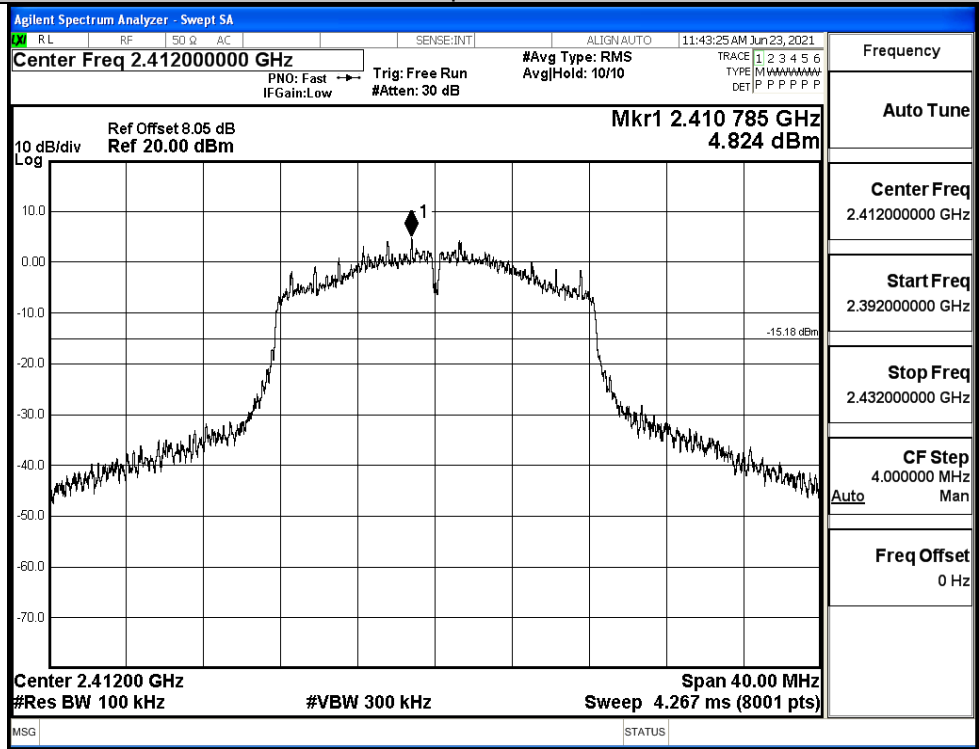
Puw/11B/HCH



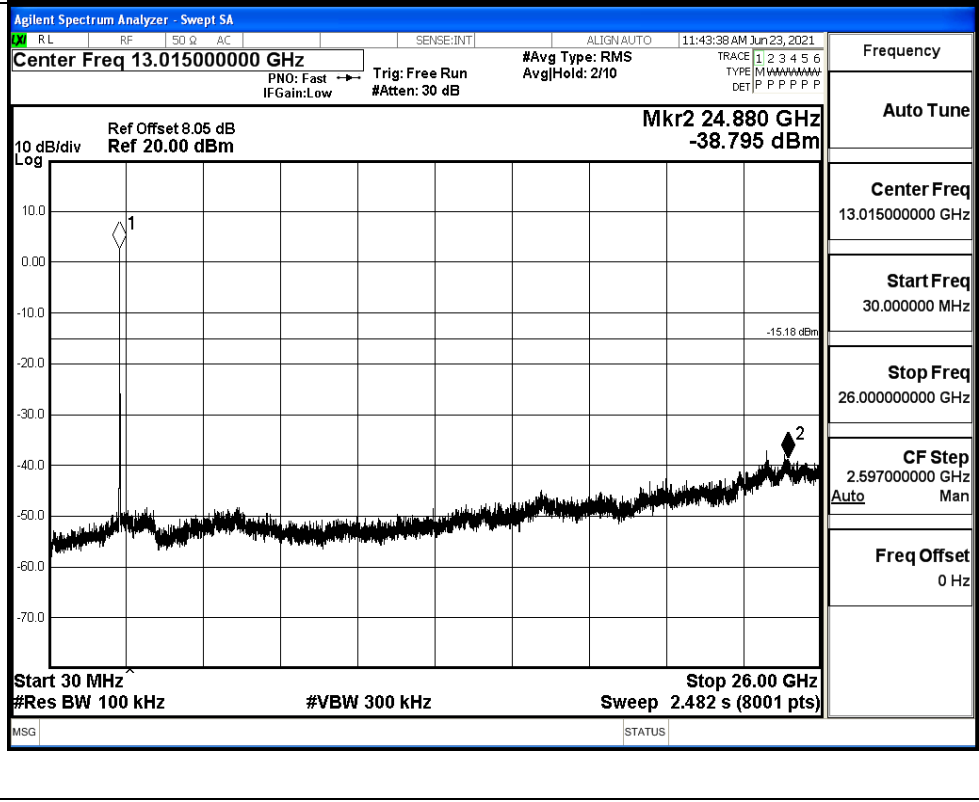


11G_LCH_Graphs

Pref/11G/LCH



Puw/11G/LCH





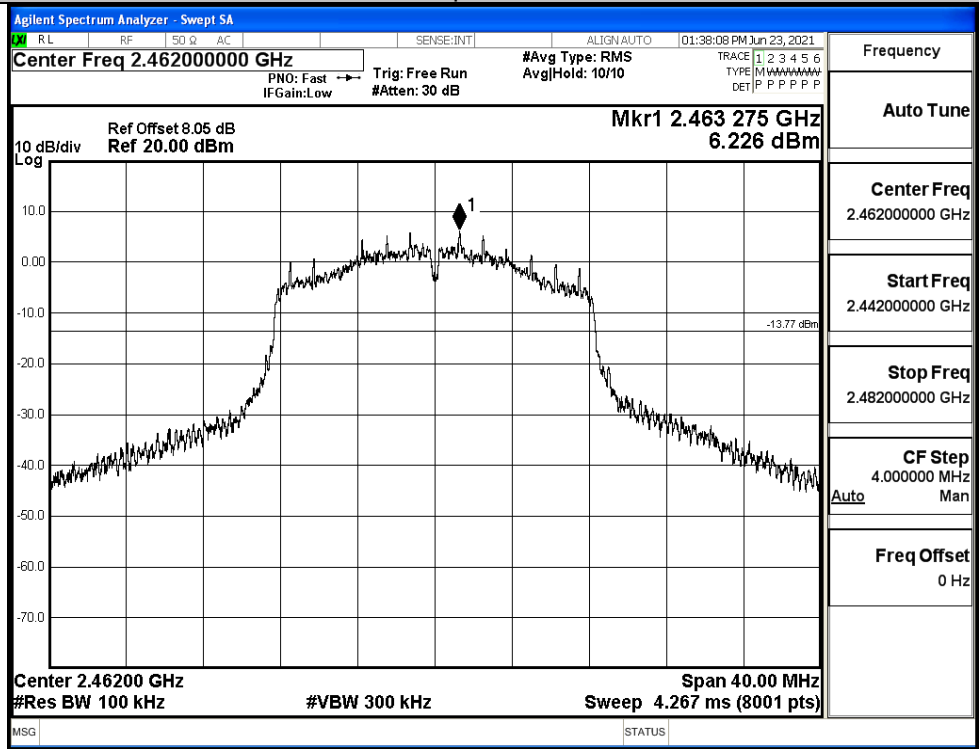
11G_MCH_Graphs

<p>Pref/11G/MCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.417000000 GHz</p> <p>Stop Freq 2.457000000 GHz</p> <p>CF Step 4.000000 MHz Auto</p> <p>Freq Offset 0 Hz</p>
<p>Puw/11G/MCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 13.015000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 26.000000000 GHz</p> <p>CF Step 2.597000000 GHz Auto</p> <p>Freq Offset 0 Hz</p>

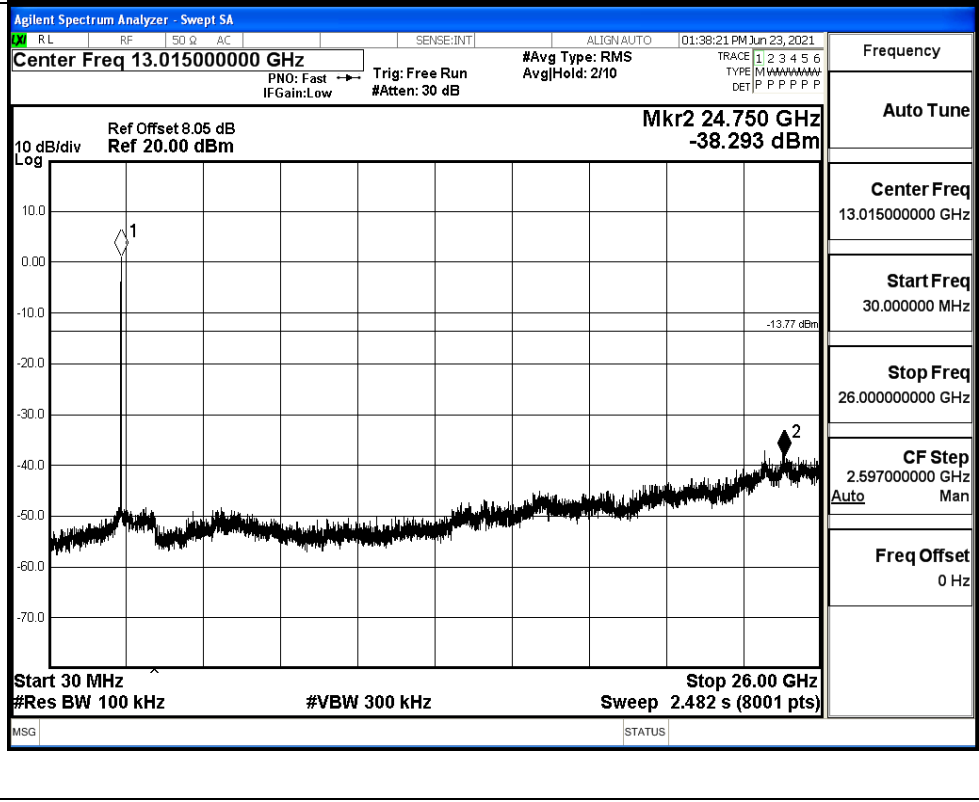


11G_HCH_Graphs

Pref/11G/HCH

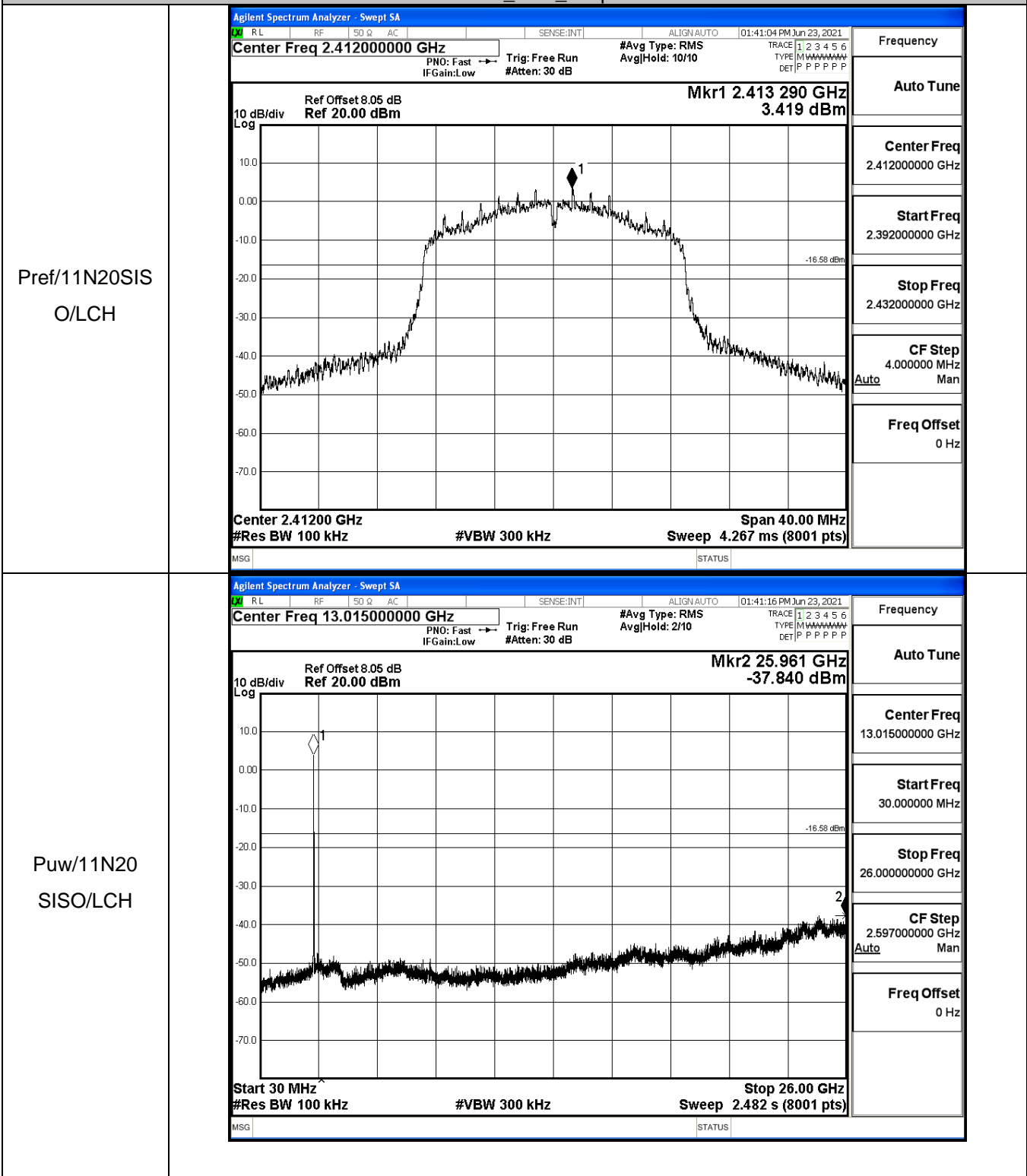


Puw/11G/HCH





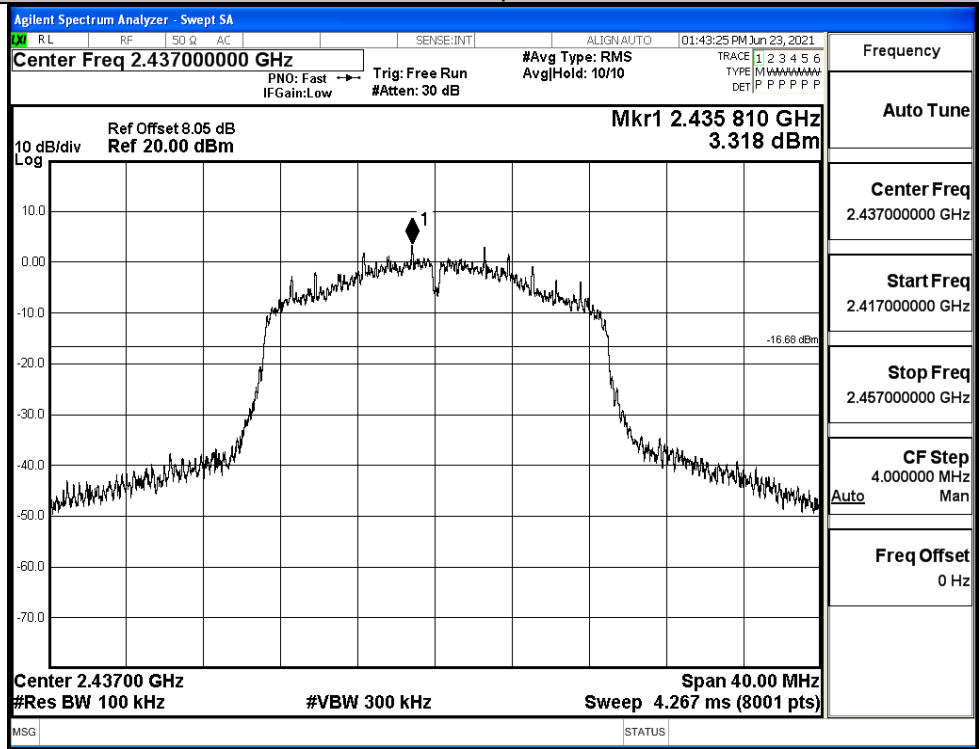
11N20SISO_LCH_Graphs



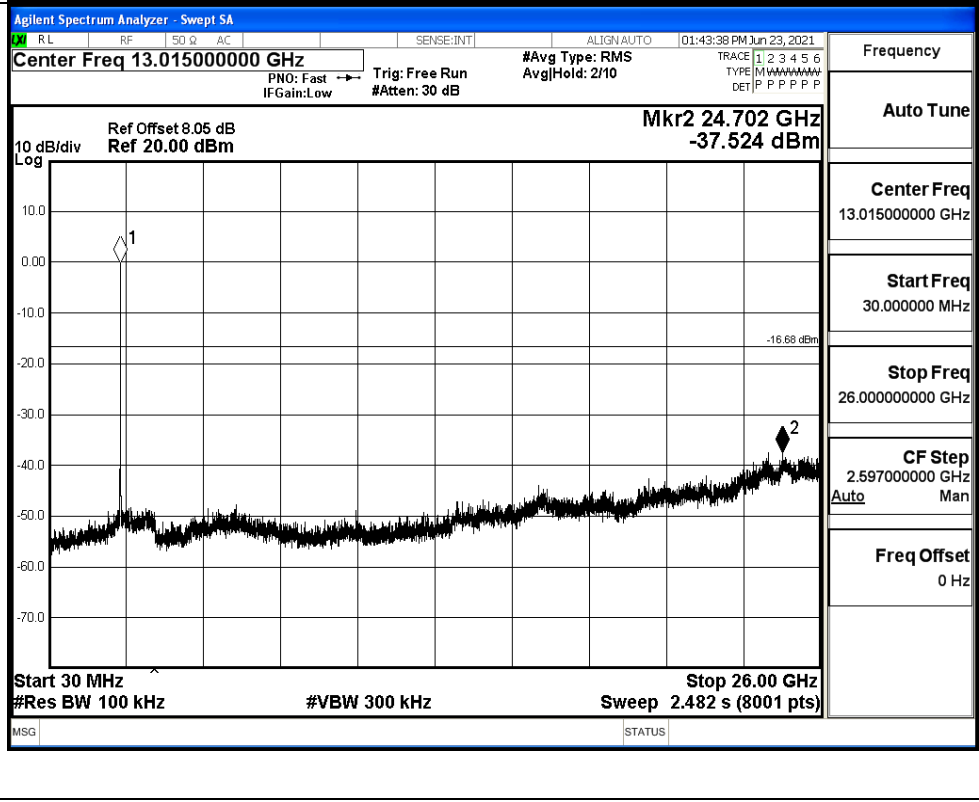


11N20SISO_MCH_Graphs

Pref/11N20
SISO/MCH



Puw/11N20
SISO/MCH



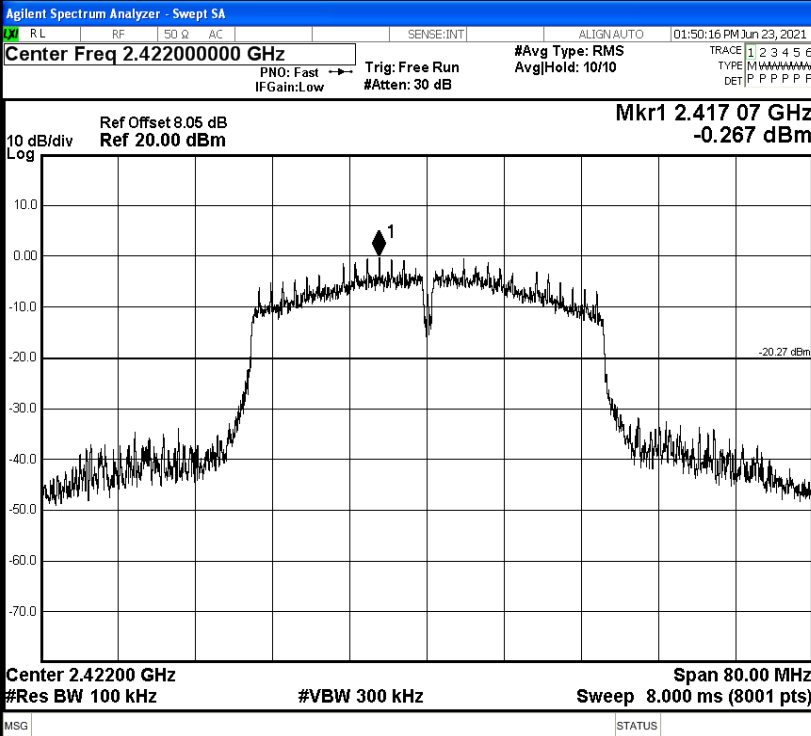
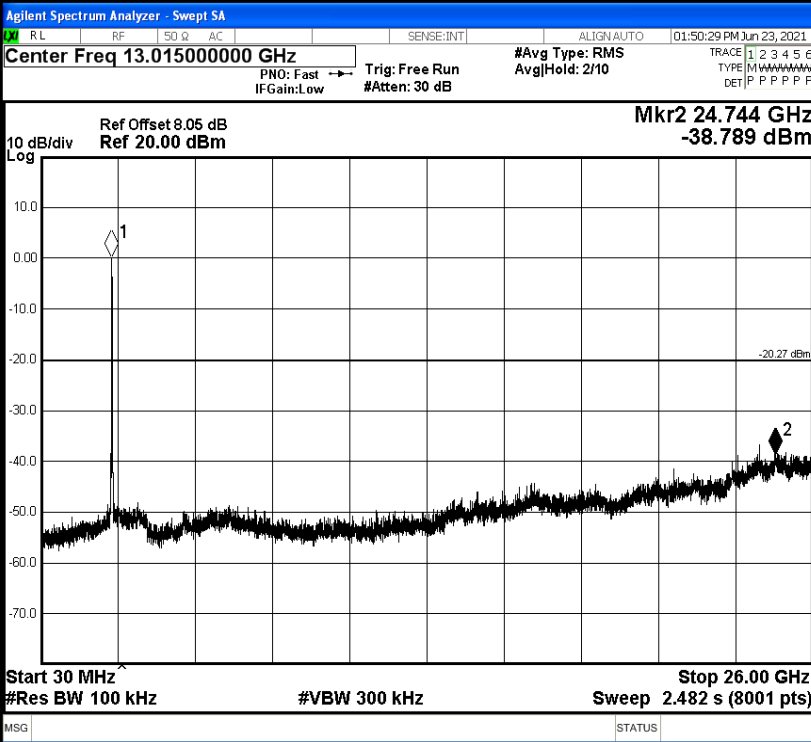


11N20SISO_HCH_Graphs

<p>Pref/11N20 SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr1 2.460800 GHz 4.403 dBm</p> <p>Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.267 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.462000000 GHz</p> <p>Start Freq 2.442000000 GHz</p> <p>Stop Freq 2.482000000 GHz</p> <p>CF Step 4.000000 MHz Auto</p> <p>Freq Offset 0 Hz</p>
	<p>Puw/11N20 SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.01500000 GHz</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Mkr2 24.770 GHz -37.067 dBm</p> <p>Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.482 s (8001 pts)</p>



11N40SISO_LCH_Graphs

Pref/11N40 SISO/LCH	 <p>Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 01:50:16 PM Jun 23, 2021 Center Freq 2.42200000 GHz PNO: Fast Trig: Free Run #Avg Type: RMS IFGain:Low #Atten: 30 dB AvgHold: 10/10 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P P P P P P P</p> <p>10 dB/div Log Ref Offset 8.05 dB Mkr1 2.417 07 GHz Ref 20.00 dBm -0.267 dBm</p> <p>Center 2.42200 GHz Span 80.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 8.000 ms (8001 pts)</p>	<table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 2.422000000 GHz</td></tr><tr><td>Start Freq 2.382000000 GHz</td></tr><tr><td>Stop Freq 2.462000000 GHz</td></tr><tr><td>CF Step 8.000000 MHz Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 2.422000000 GHz	Start Freq 2.382000000 GHz	Stop Freq 2.462000000 GHz	CF Step 8.000000 MHz Auto Man	Freq Offset 0 Hz
	Frequency								
Auto Tune									
Center Freq 2.422000000 GHz									
Start Freq 2.382000000 GHz									
Stop Freq 2.462000000 GHz									
CF Step 8.000000 MHz Auto Man									
Freq Offset 0 Hz									
Puw/11N40 SISO/LCH	 <p>Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 01:50:29 PM Jun 23, 2021 Center Freq 13.01500000 GHz PNO: Fast Trig: Free Run #Avg Type: RMS IFGain:Low #Atten: 30 dB AvgHold: 2/10 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P P P P P P P</p> <p>10 dB/div Log Ref Offset 8.05 dB Mkr2 24.744 GHz Ref 20.00 dBm -38.789 dBm</p> <p>Start 30 MHz Stop 26.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.482 s (8001 pts)</p>	<table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 13.015000000 GHz</td></tr><tr><td>Start Freq 30.000000 MHz</td></tr><tr><td>Stop Freq 26.000000000 GHz</td></tr><tr><td>CF Step 2.597000000 GHz Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 13.015000000 GHz	Start Freq 30.000000 MHz	Stop Freq 26.000000000 GHz	CF Step 2.597000000 GHz Auto Man	Freq Offset 0 Hz
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Start Freq 30.000000 MHz									
Stop Freq 26.000000000 GHz									
CF Step 2.597000000 GHz Auto Man									
Freq Offset 0 Hz									



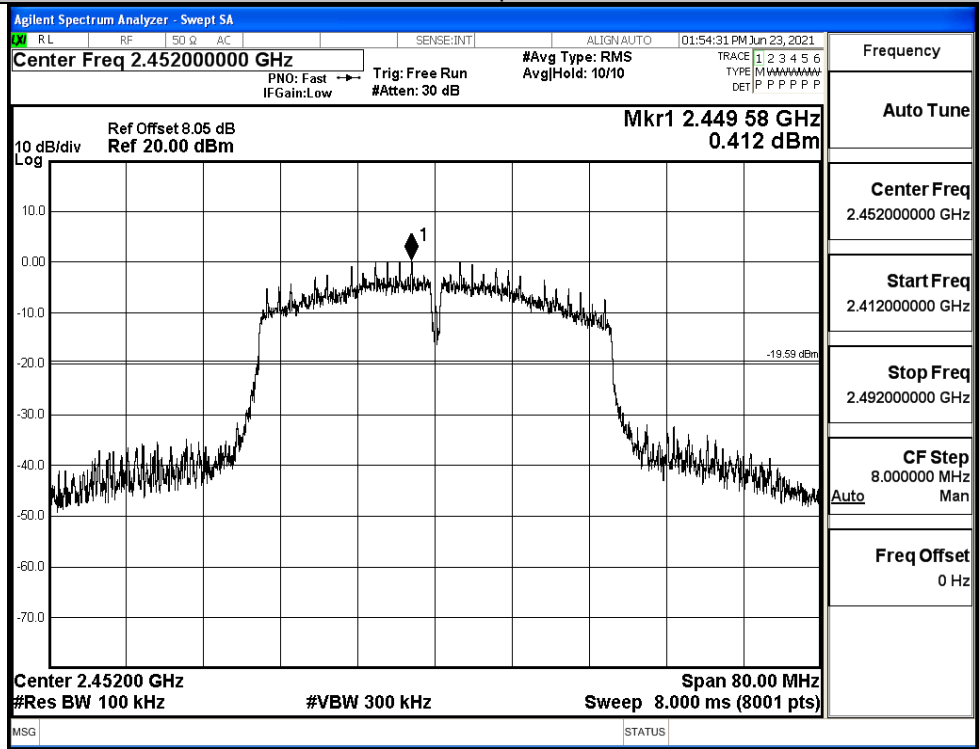
11N40SISO_MCH_Graphs

Pref/11N40 SISO/MCH		<table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 2.437000000 GHz</td></tr><tr><td>Start Freq 2.397000000 GHz</td></tr><tr><td>Stop Freq 2.477000000 GHz</td></tr><tr><td>CF Step 8.000000 MHz Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 2.437000000 GHz	Start Freq 2.397000000 GHz	Stop Freq 2.477000000 GHz	CF Step 8.000000 MHz Auto Man	Freq Offset 0 Hz
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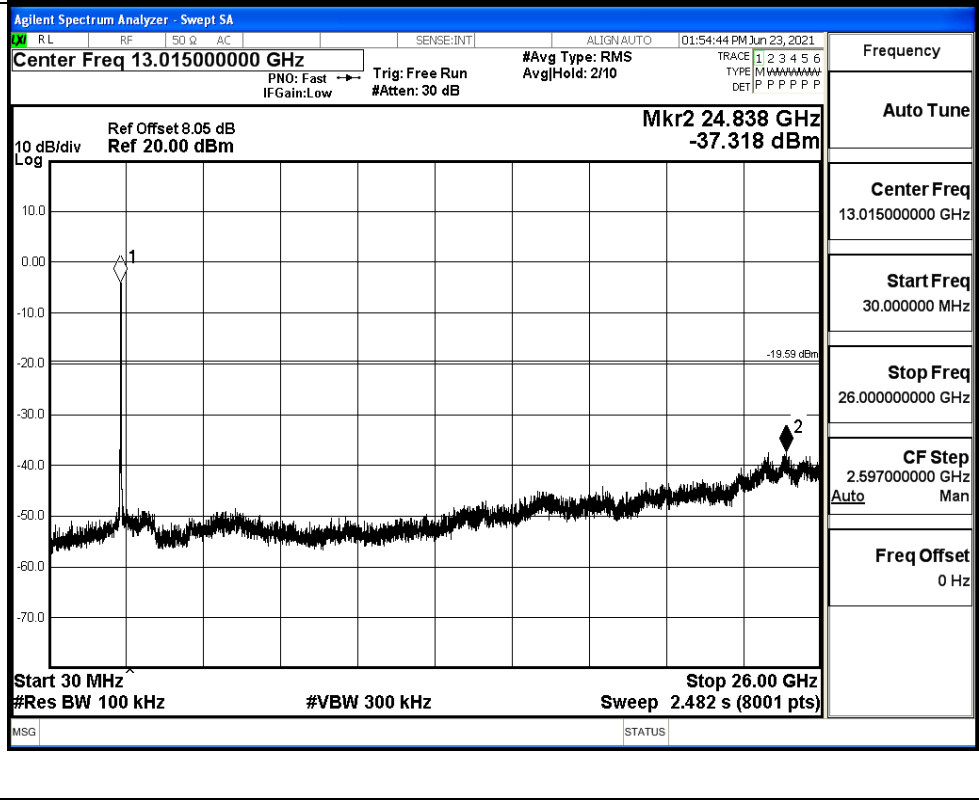


11N40SISO_HCH_Graphs

Pref/11N40
SISO/HCH



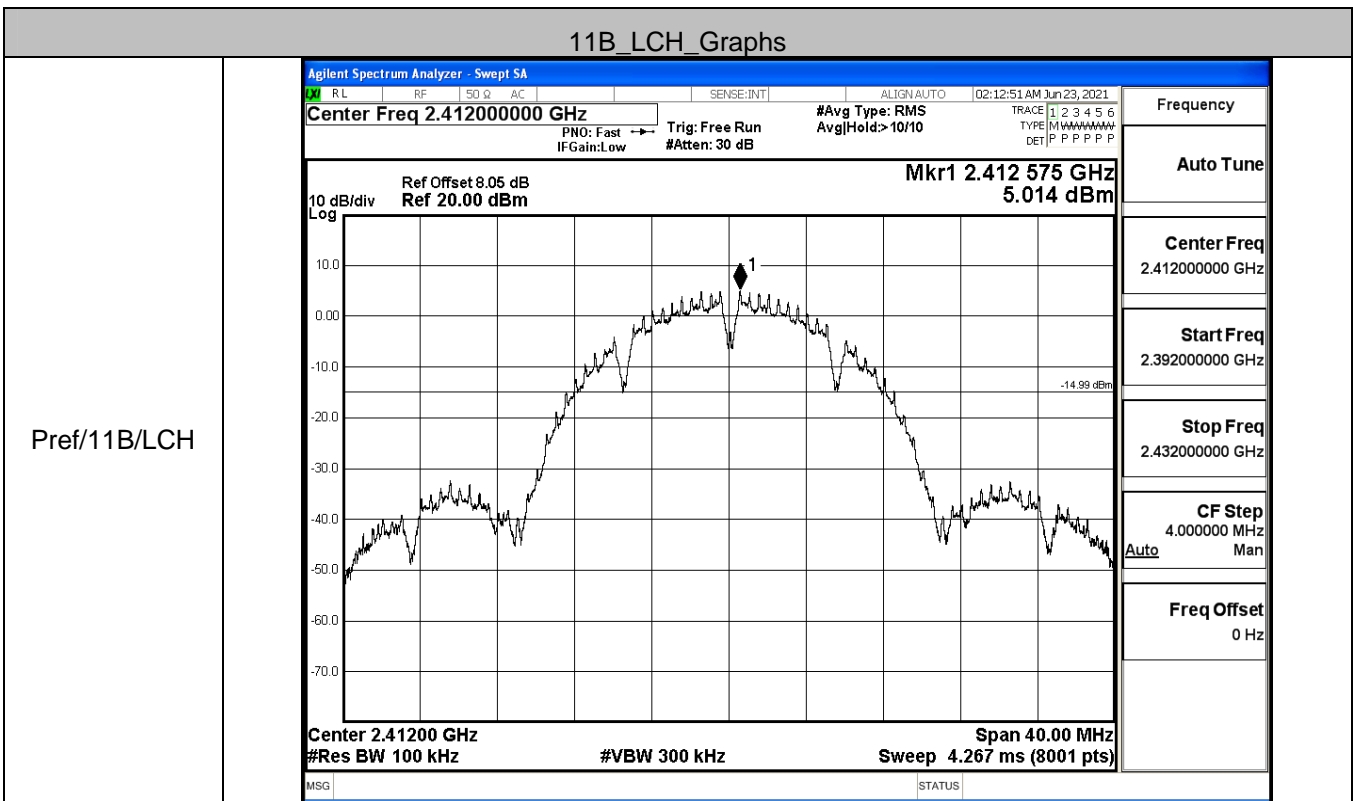
Puw/11N40
SISO/HCH

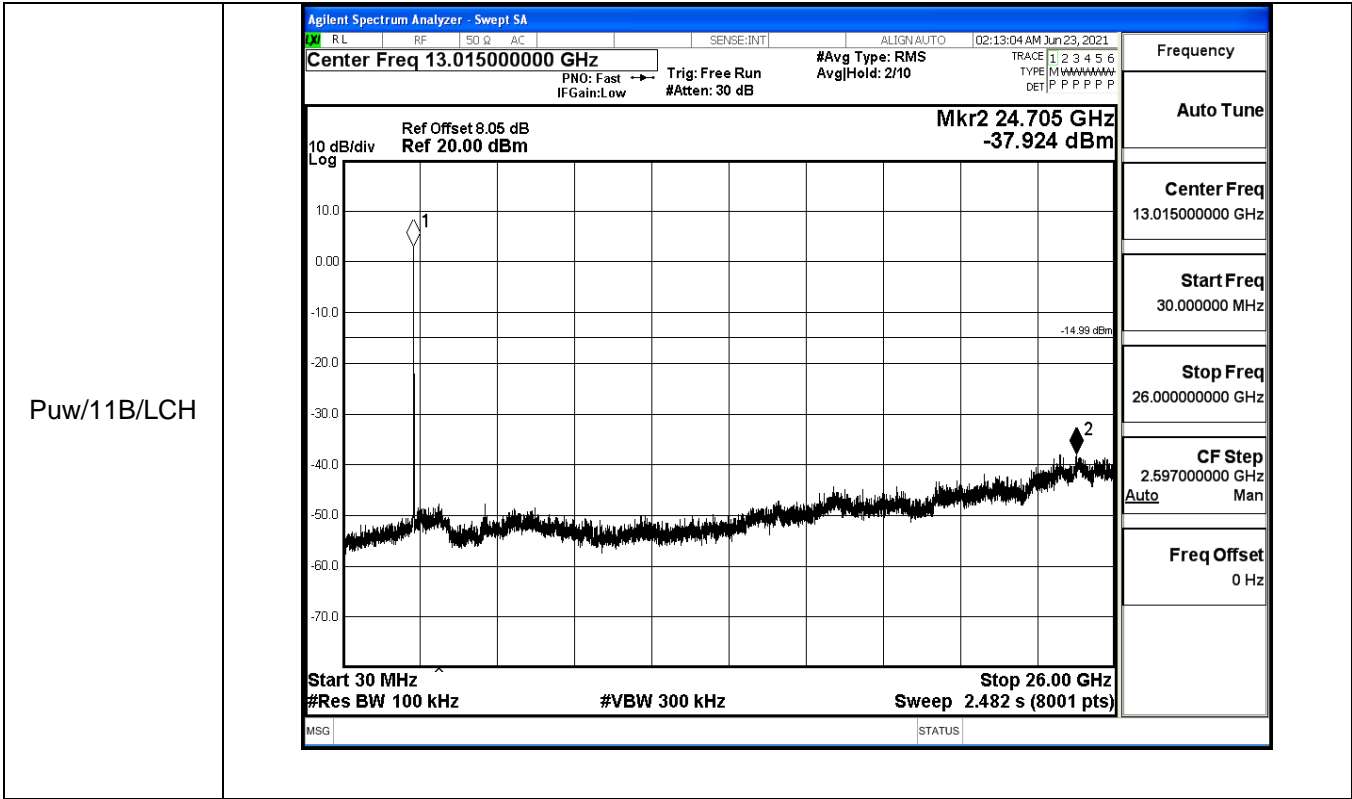




ANT1

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.014	-37.924	-14.986	PASS
	MCH	6.093	-37.343	-13.907	PASS
	HCH	6.057	-38.049	-13.943	PASS
11G	LCH	4.728	-37.345	-15.272	PASS
	MCH	5.73	-37.896	-14.270	PASS
	HCH	4.094	-37.722	-15.906	PASS
11N20 SISO	LCH	3.953	-38.043	-16.047	PASS
	MCH	4.306	-37.739	-15.694	PASS
	HCH	5.069	-37.836	-14.931	PASS
11N40 SISO	LCH	0.428	-37.457	-19.572	PASS
	MCH	-0.109	-37.868	-20.109	PASS
	HCH	0.412	-37.318	-19.588	PASS







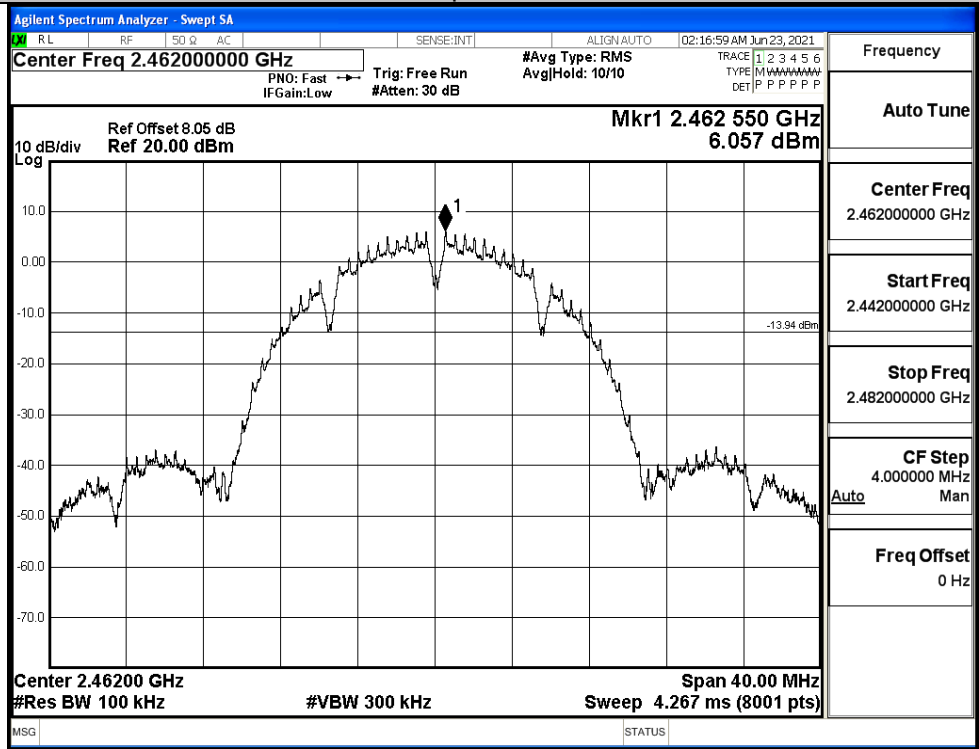
11B_MCH_Graphs

Pref/11B/MCH		<table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 2.437000000 GHz</td></tr><tr><td>Start Freq 2.417000000 GHz</td></tr><tr><td>Stop Freq 2.457000000 GHz</td></tr><tr><td>CF Step 4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 2.437000000 GHz	Start Freq 2.417000000 GHz	Stop Freq 2.457000000 GHz	CF Step 4.000000 MHz Auto Man	Freq Offset 0 Hz
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Puw/11B/MCH		<table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 13.015000000 GHz</td></tr><tr><td>Start Freq 30.000000 MHz</td></tr><tr><td>Stop Freq 26.000000000 GHz</td></tr><tr><td>CF Step 2.597000000 GHz Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 13.015000000 GHz	Start Freq 30.000000 MHz	Stop Freq 26.000000000 GHz	CF Step 2.597000000 GHz Auto Man	Freq Offset 0 Hz
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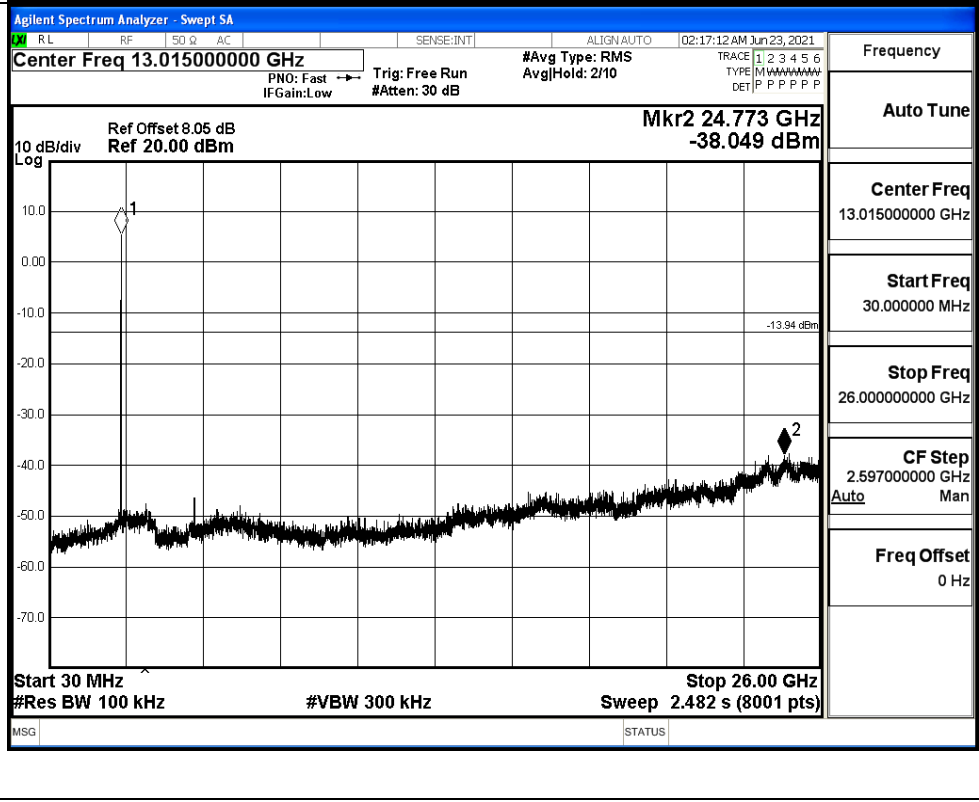


11B_HCH_Graphs

Pref/11B/HCH

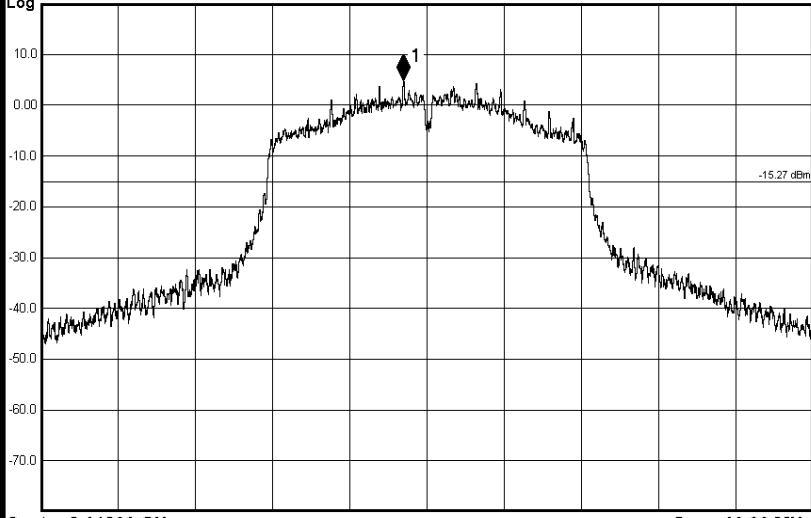
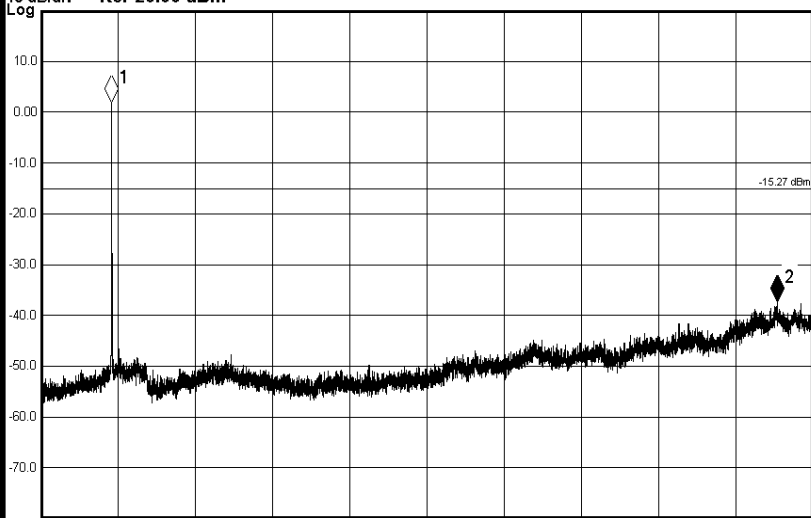


Puw/11B/HCH





11G_LCH_Graphs

Pref/11G/LCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>10 dB/div Log</p>  <p>Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.267 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.412000000 GHz</p> <p>Start Freq 2.392000000 GHz</p> <p>Stop Freq 2.432000000 GHz</p> <p>CF Step 4.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
Puw/11G/LCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.01500000 GHz</p> <p>10 dB/div Log</p>  <p>Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 26.00 GHz Sweep 2.482 s (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 13.015000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 26.000000000 GHz</p> <p>CF Step 2.597000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>

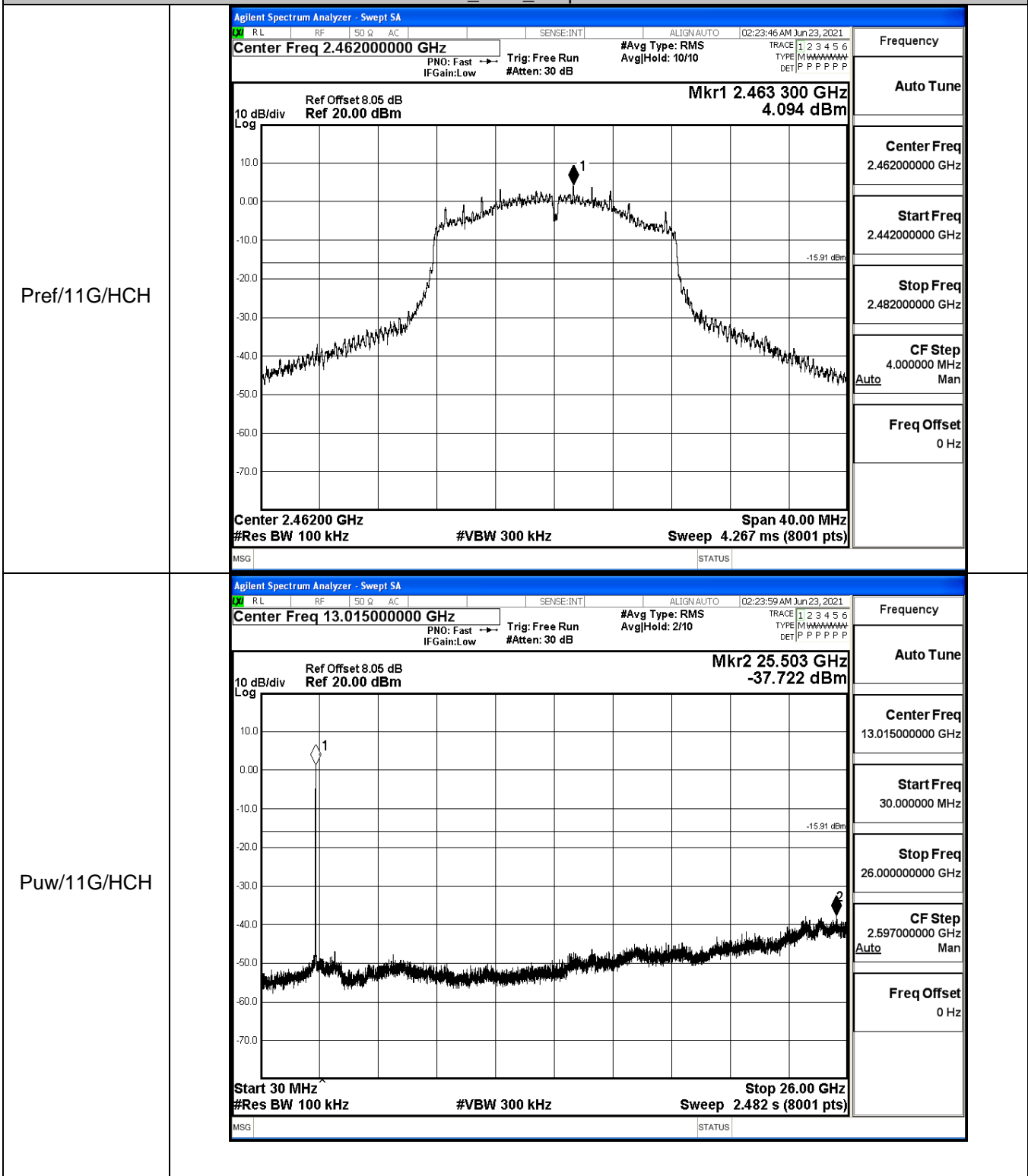


11G_MCH_Graphs

Pref/11G/MCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>RL RF SO Q AC SENSE:INT ALIGN:AUTO 02:21:50 AM Jun 23, 2021</p> <p>Center Freq 2.43700000 GHz PNO: Fast Trig: Free Run #Avg Type: RMS IFGain:Low #Atten: 30 dB AvgHold: 10/10</p> <p>Ref Offset 8.05 dB Mkr1 2.438 315 GHz Ref 20.00 dB 5.730 dBm</p> <p>Center 2.43700 GHz Span 40.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.267 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.417000000 GHz</p> <p>Stop Freq 2.457000000 GHz</p> <p>CF Step 4.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
Puw/11G/MCH	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>RL RF SO Q AC SENSE:INT ALIGN:AUTO 02:22:03 AM Jun 23, 2021</p> <p>Center Freq 13.01500000 GHz PNO: Fast Trig: Free Run #Avg Type: RMS IFGain:Low #Atten: 30 dB AvgHold: 2/10</p> <p>Ref Offset 8.05 dB Mkr2 24.685 GHz Ref 20.00 dB -37.896 dBm</p> <p>Start 30 MHz Stop 26.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.482 s (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 13.015000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 26.000000000 GHz</p> <p>CF Step 2.597000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>



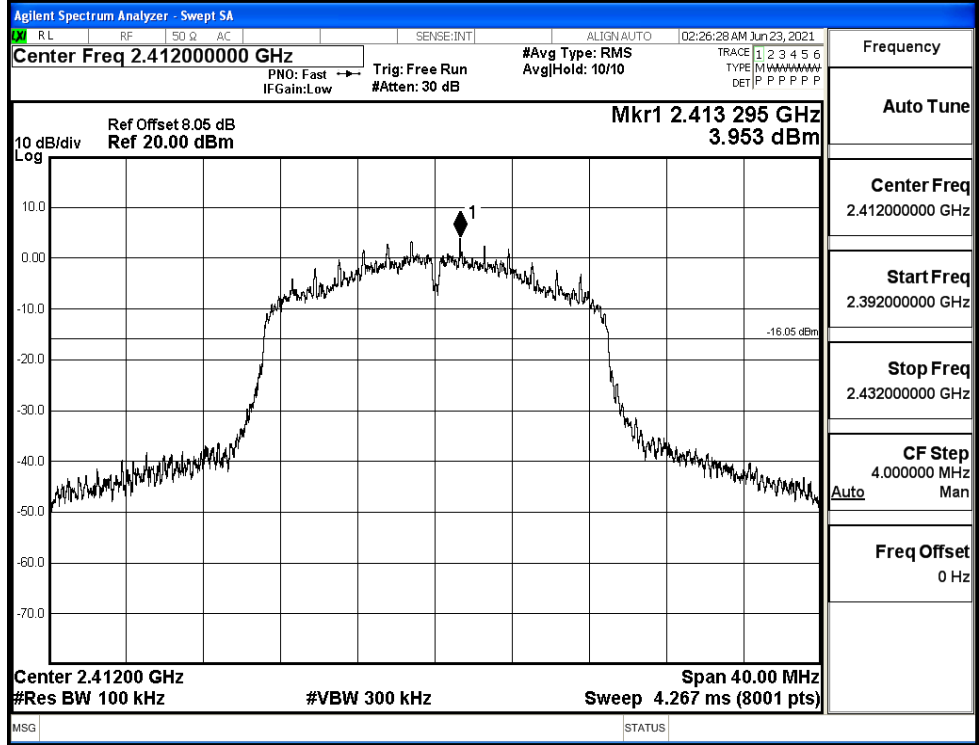
11G_HCH_Graphs





11N20SISO_LCH_Graphs

Pref/11N20SIS
O/LCH



Puw/11N20
SISO/LCH

