

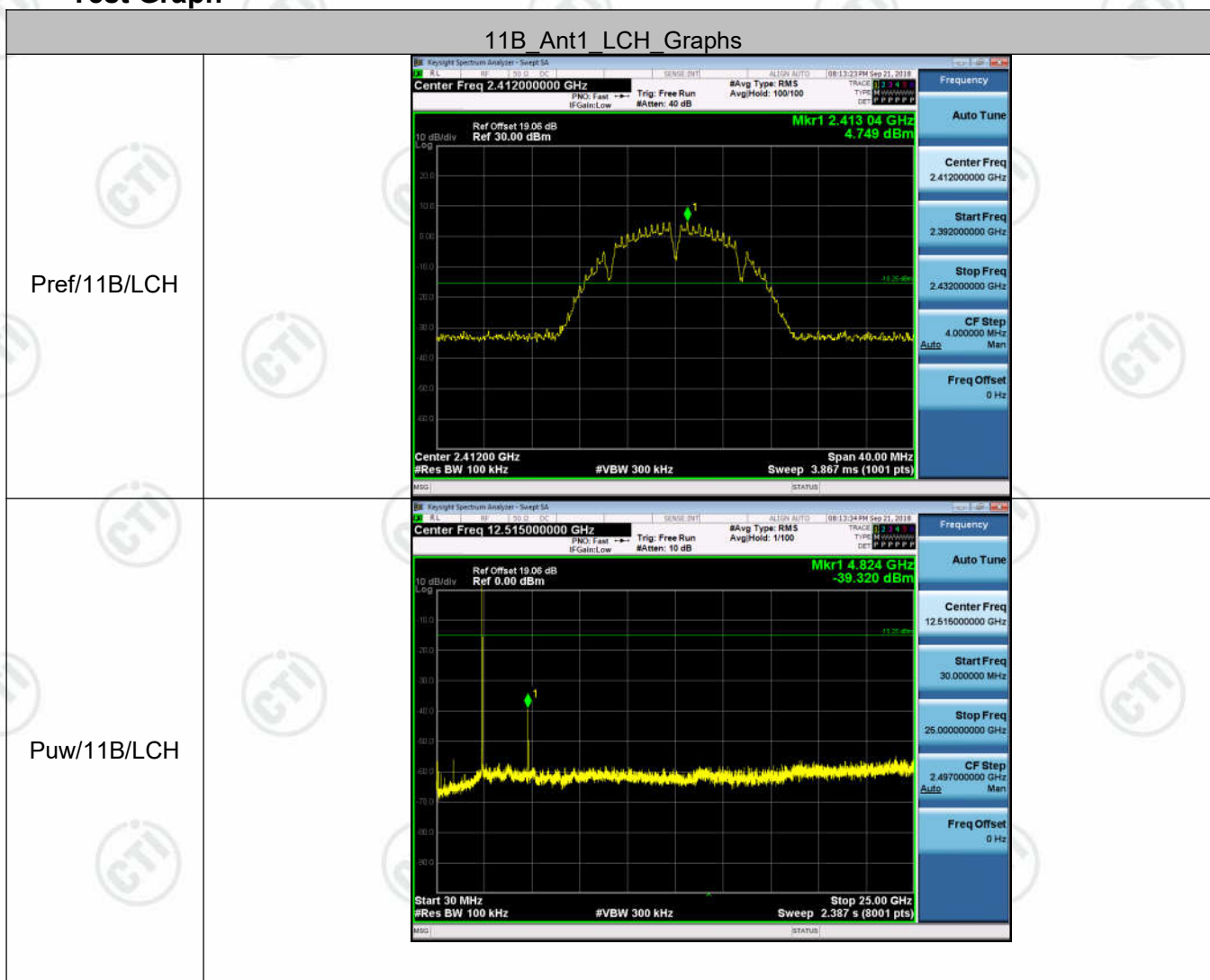
Appendix D): RF Conducted Spurious Emissions

Result Table

Mode	Antenna	Channel	Pref [dBm]	Puw[dBm]	Verdict
11B	Ant1	LCH	4.749	<Limit	PASS
11B	Ant2	LCH	3.564	<Limit	PASS
11B	Ant1	MCH	4.764	<Limit	PASS
11B	Ant2	MCH	3.853	<Limit	PASS
11B	Ant1	HCH	5.109	<Limit	PASS
11B	Ant2	HCH	3.472	<Limit	PASS
11G	Ant1	LCH	-4.043	<Limit	PASS
11G	Ant2	LCH	-5.39	<Limit	PASS
11G	Ant1	MCH	-3.882	<Limit	PASS
11G	Ant2	MCH	-5.457	<Limit	PASS
11G	Ant1	HCH	-3.59	<Limit	PASS
11G	Ant2	HCH	-5.016	<Limit	PASS
11N20SISO	Ant1	LCH	-6.094	<Limit	PASS
11N20SISO	Ant2	LCH	-7.185	<Limit	PASS
11N20SISO	Ant1	MCH	-6.061	<Limit	PASS
11N20SISO	Ant2	MCH	-7.161	<Limit	PASS
11N20SISO	Ant1	HCH	-5.256	<Limit	PASS
11N20SISO	Ant2	HCH	-6.913	<Limit	PASS
11N20MIMO	Ant1	LCH	-8.279	<Limit	PASS
11N20MIMO	Ant2	LCH	-8.341	<Limit	PASS
11N20MIMO	Ant1	MCH	-8.04	<Limit	PASS
11N20MIMO	Ant2	MCH	-7.999	<Limit	PASS
11N20MIMO	Ant1	HCH	-7.78	<Limit	PASS
11N20MIMO	Ant2	HCH	-8.227	<Limit	PASS
11N40SISO	Ant1	LCH	-9.589	<Limit	PASS
11N40SISO	Ant2	LCH	-10.206	<Limit	PASS
11N40SISO	Ant1	MCH	-8.799	<Limit	PASS
11N40SISO	Ant2	MCH	-10.349	<Limit	PASS
11N40SISO	Ant1	HCH	-8.944	<Limit	PASS
11N40SISO	Ant2	HCH	-10.38	<Limit	PASS
11N40MIMO	Ant1	LCH	-11.293	<Limit	PASS
11N40MIMO	Ant2	LCH	-10.784	<Limit	PASS
11N40MIMO	Ant1	MCH	-10.92	<Limit	PASS

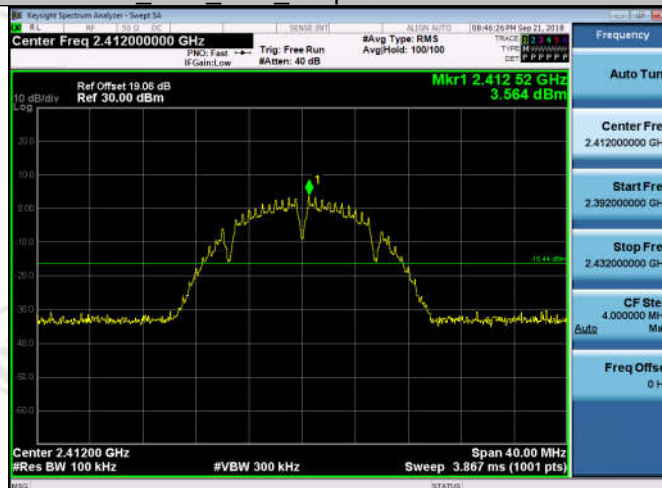
11N40MIMO	Ant2	MCH	-11.489	<Limit	PASS
11N40MIMO	Ant1	HCH	-11.302	<Limit	PASS
11N40MIMO	Ant2	HCH	-11.657	<Limit	PASS

Test Graph

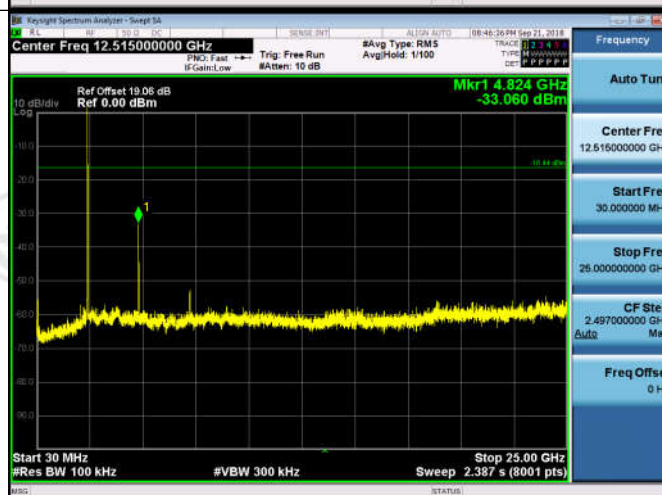


11B_Ant2_LCH_Graphs

Pref/11B/LCH

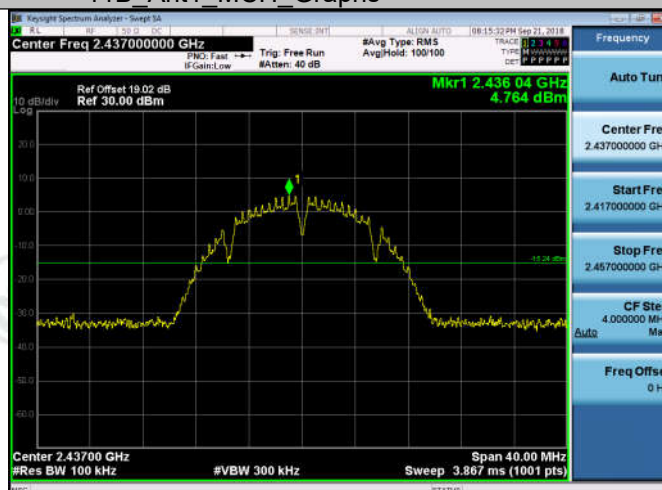


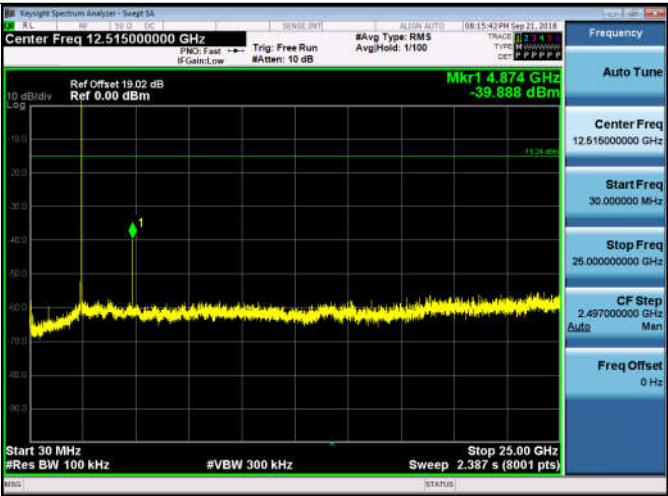
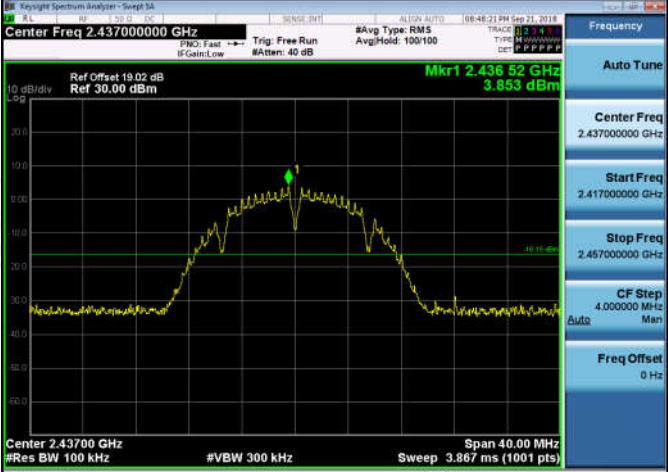
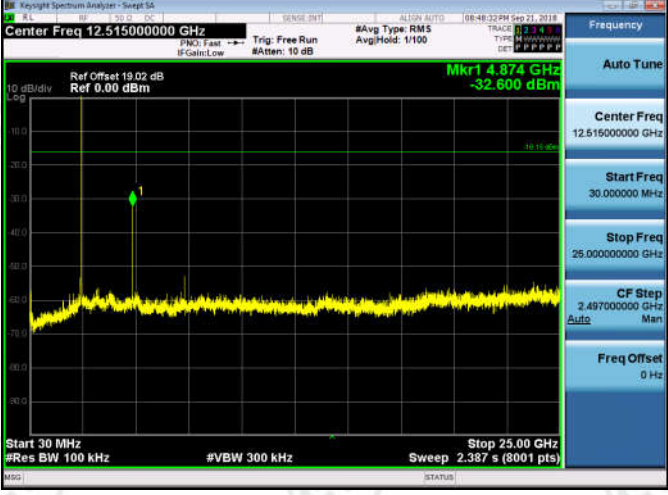
Puw/11B/LCH



11B_Ant1_MCH_Graphs

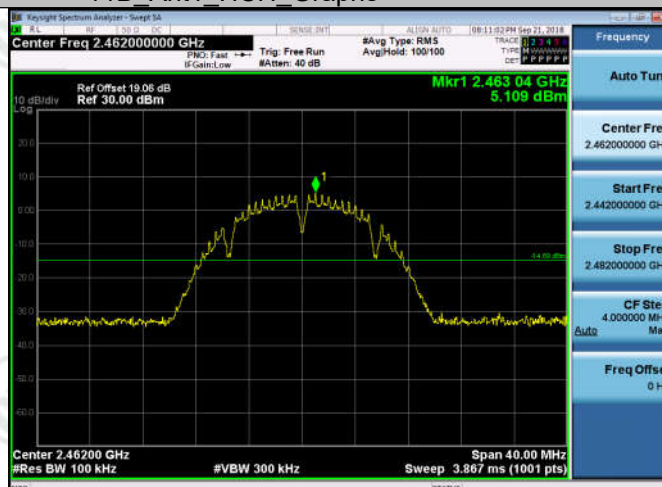
Pref/11B/MCH



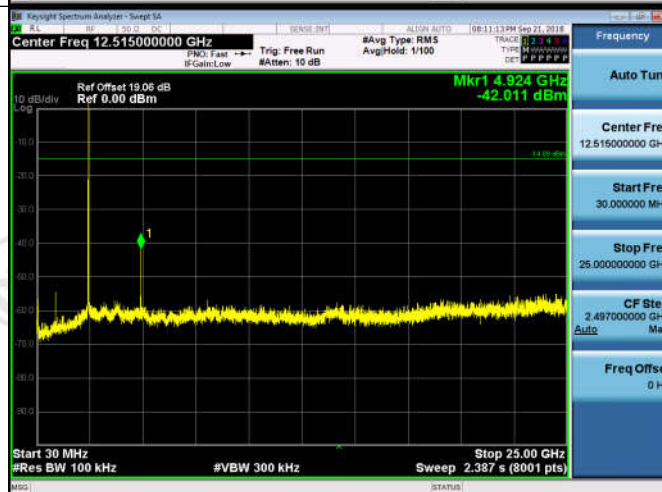
Puw/11B/MCH	
11B Ant2 MCH Graphs	
Pref/11B/MCH	
Puw/11B/MCH	

11B_Ant1_HCH_Graphs

Pref/11B/HCH

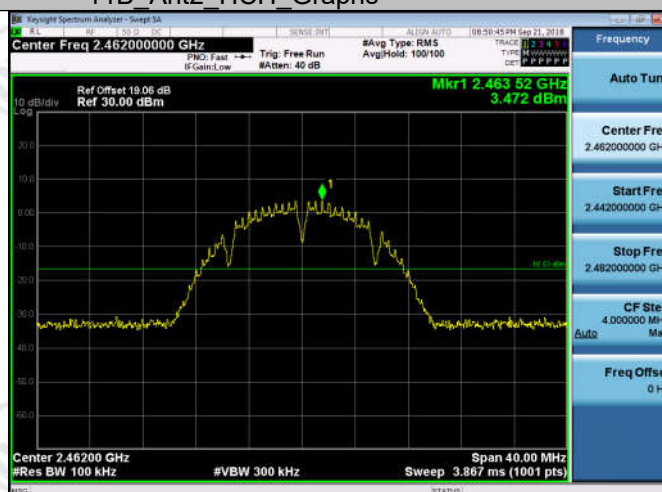


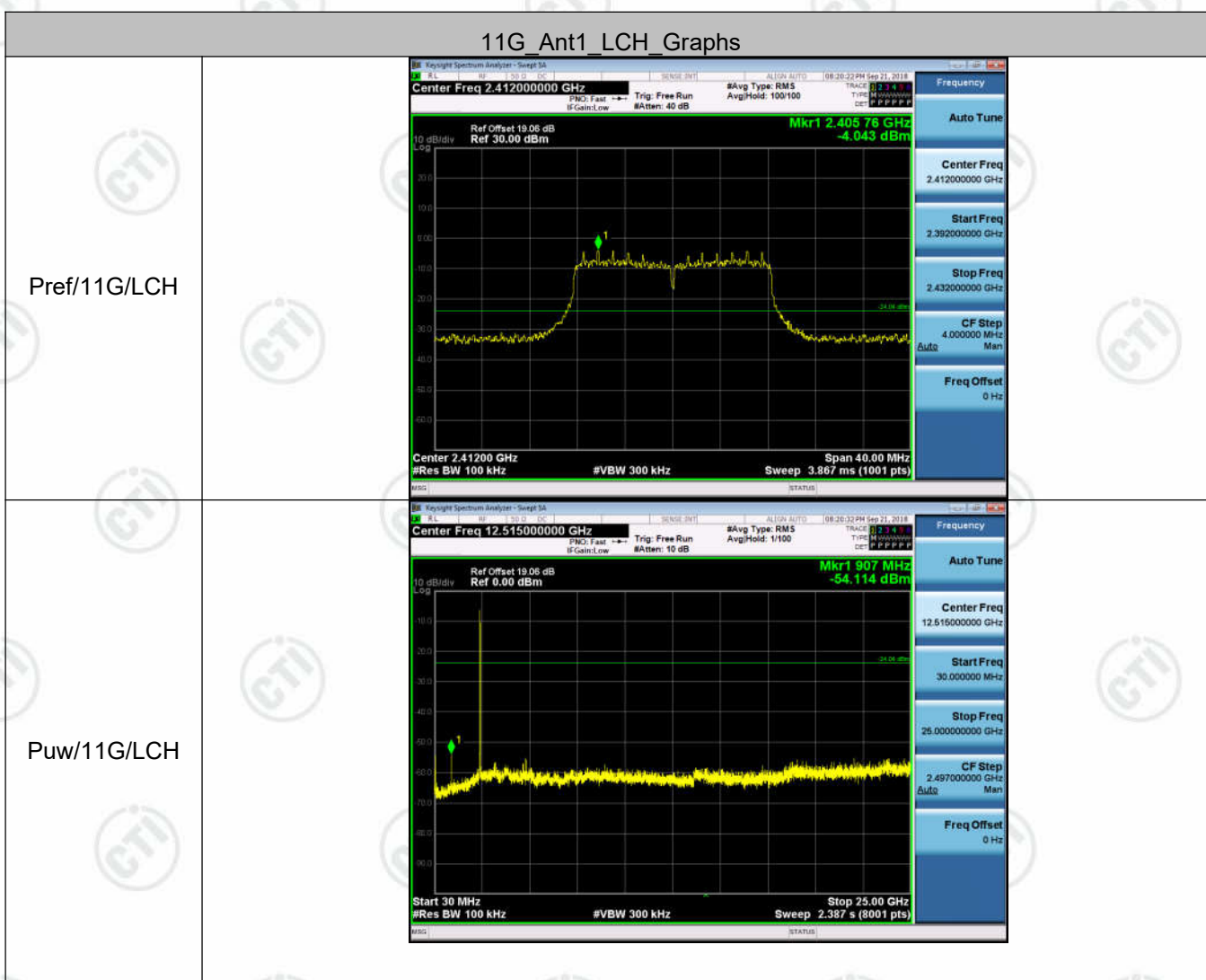
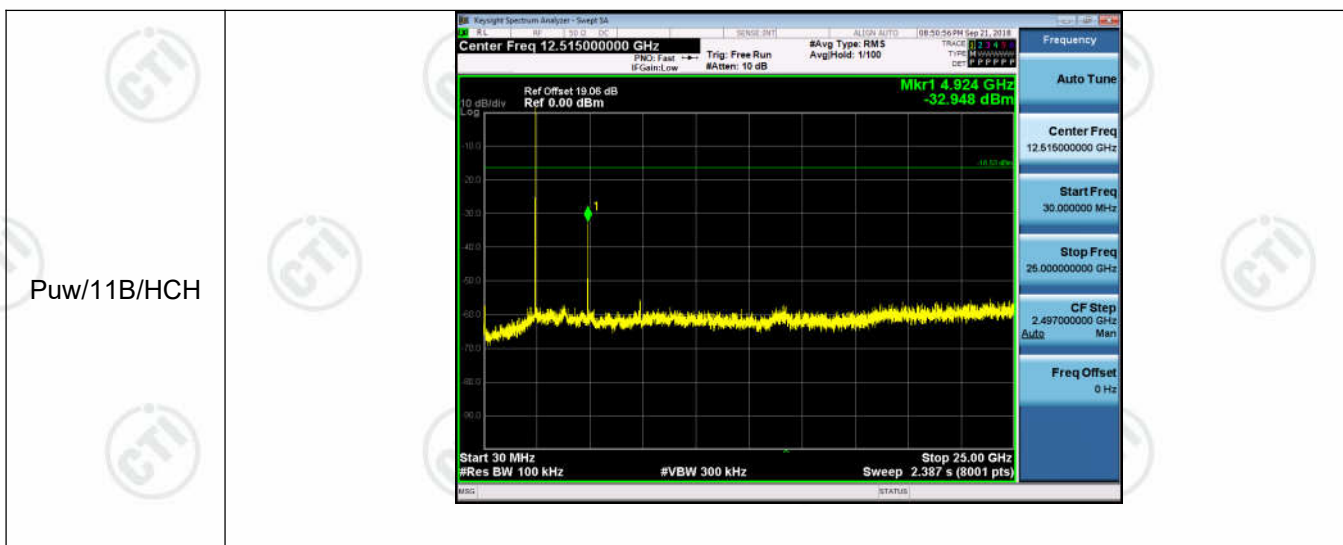
Puw/11B/HCH



11B_Ant2_HCH_Graphs

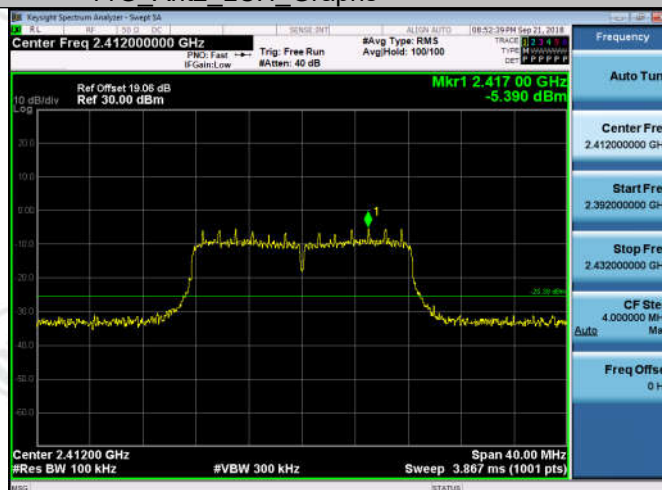
Pref/11B/HCH



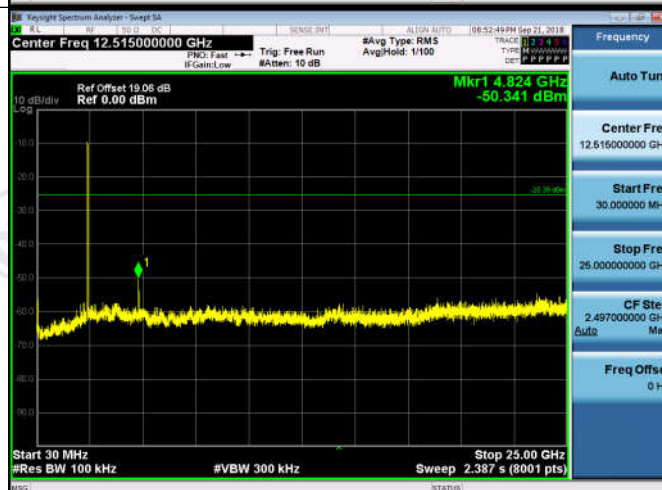


11G_Ant2_LCH_Graphs

Pref/11G/LCH

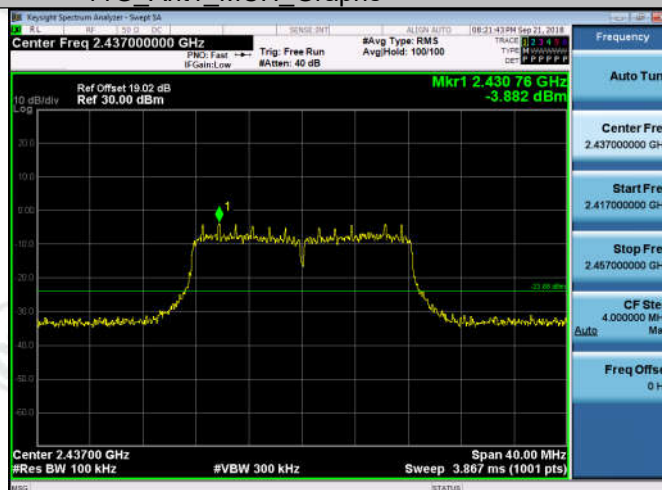


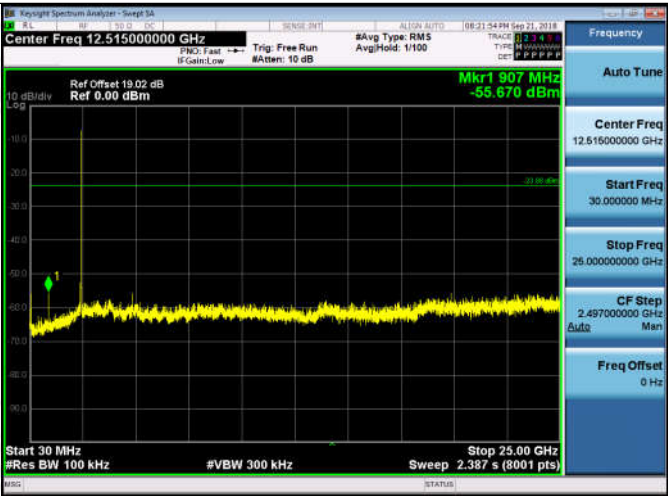
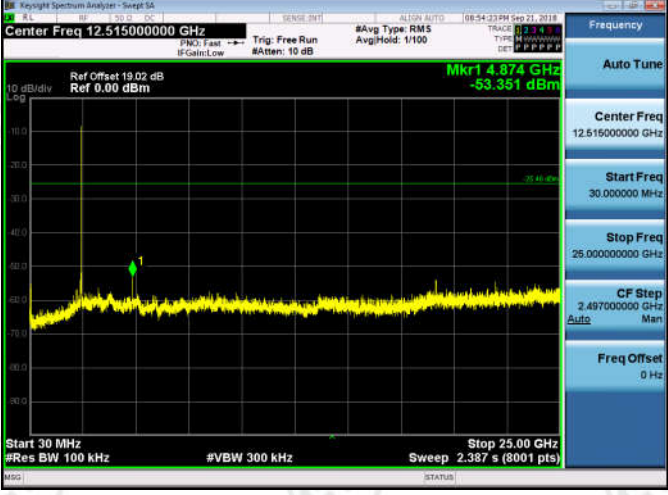
Puw/11G/LCH



11G_Ant1_MCH_Graphs

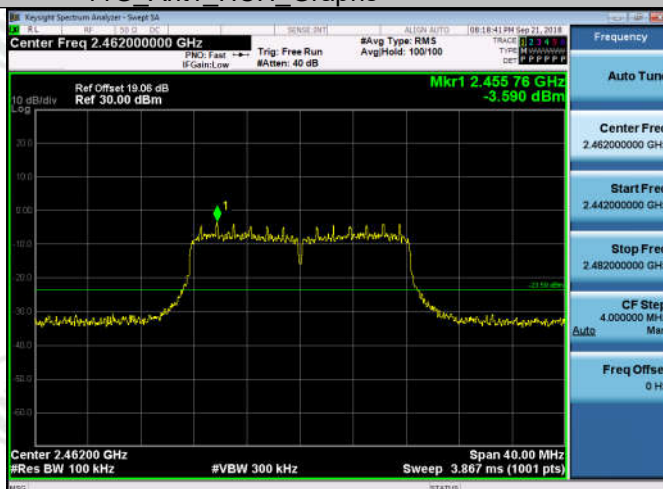
Pref/11G/MCH



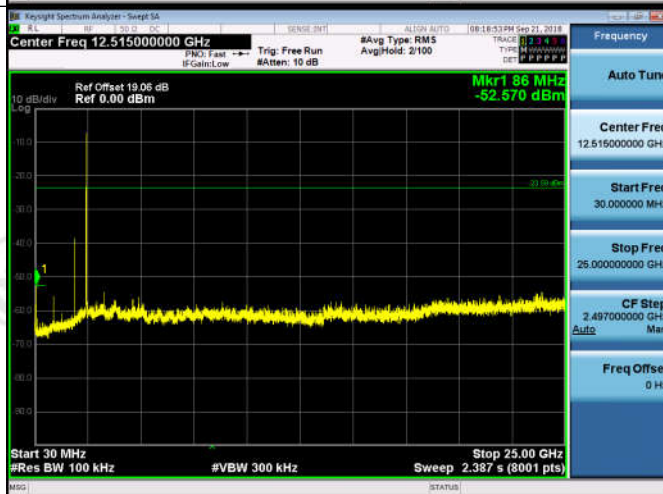
Puw/11G/MCH	
11G Ant2 MCH Graphs	
Pref/11G/MCH	
Puw/11G/MCH	

11G Ant1_HCH_Graphs

Pref/11G/HCH

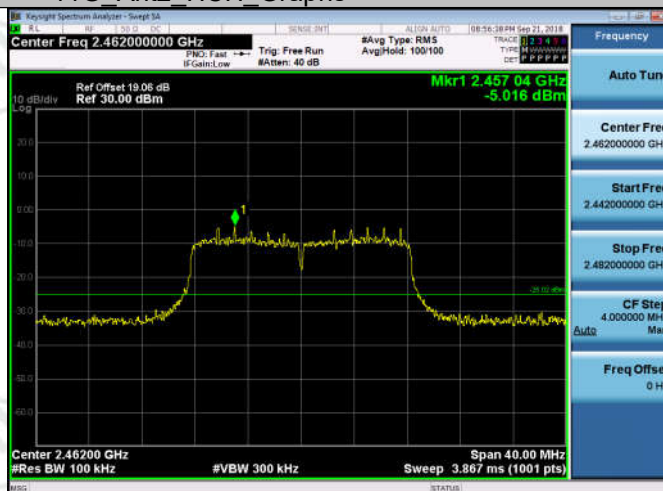


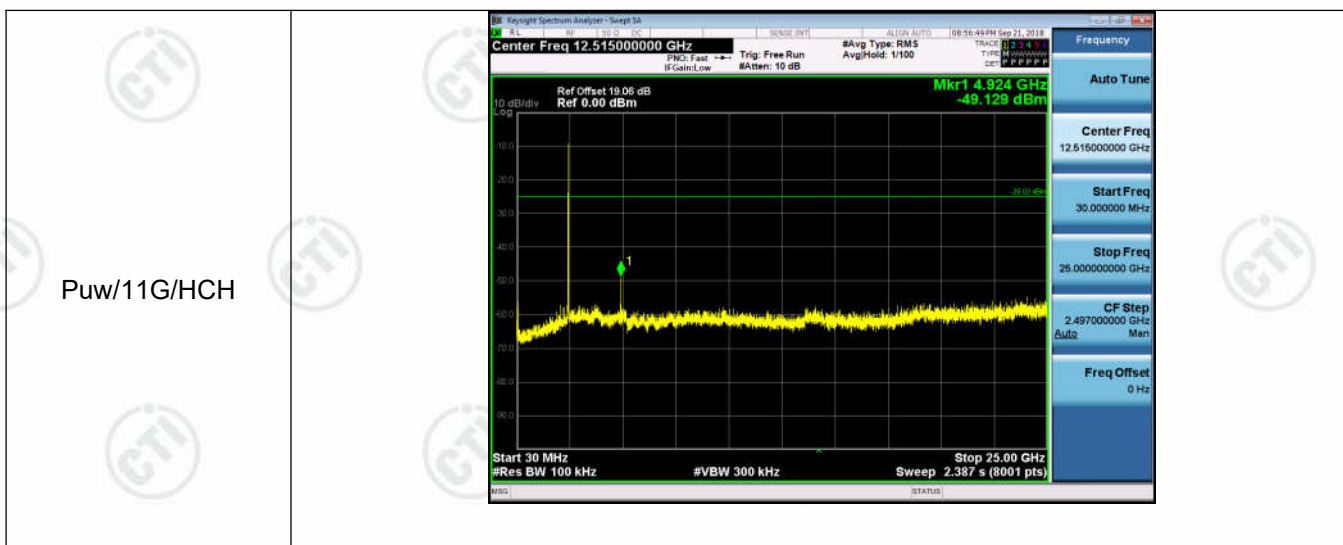
Puw/11G/HCH



11G Ant2_HCH_Graphs

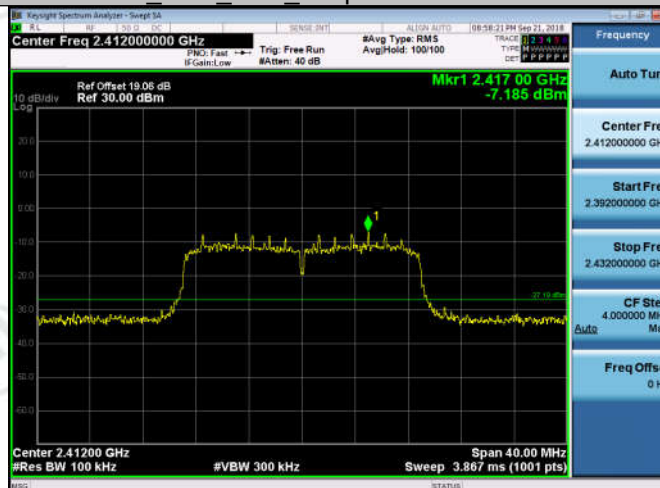
Pref/11G/HCH



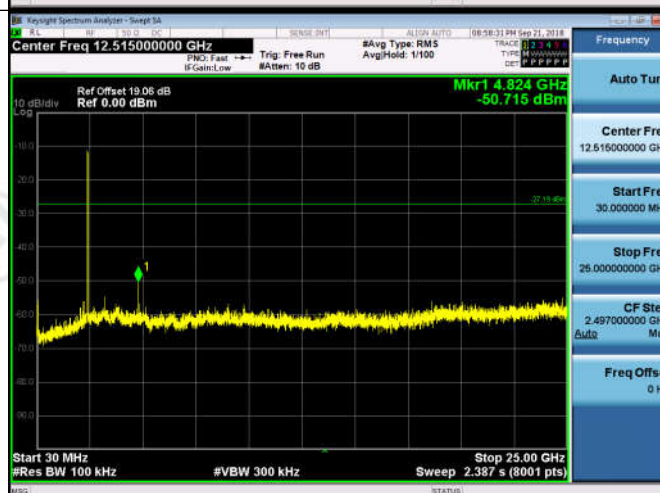


11N20SISO_Ant2_LCH_Graphs

Pref/11N20SISO/LCH

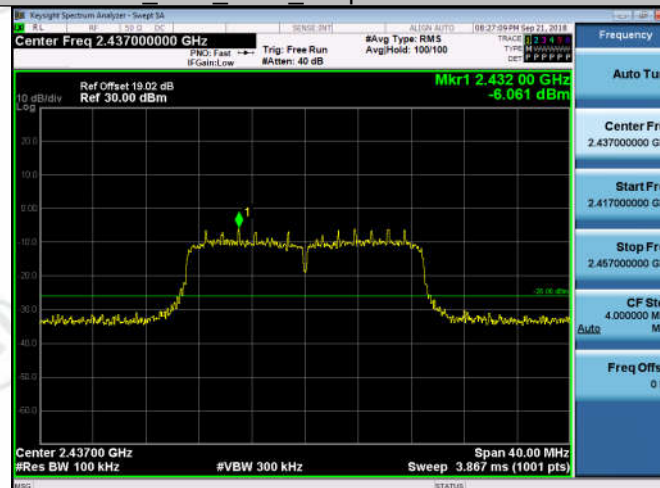


Puw/11N20SISO/LCH

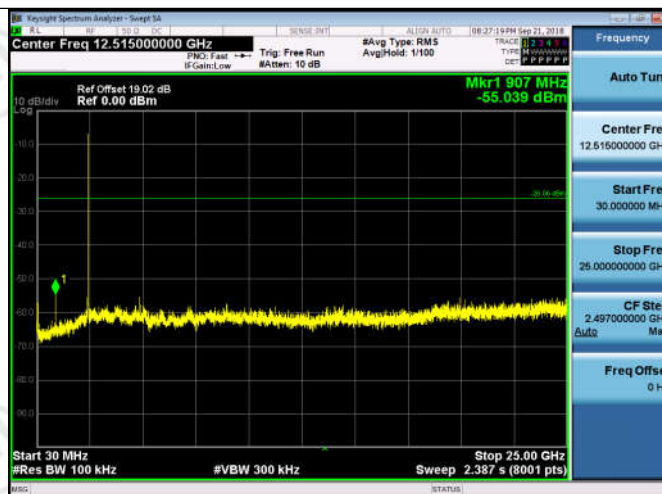


11N20SISO_Ant1_MCH_Graphs

Pref/11N20SISO/MCH

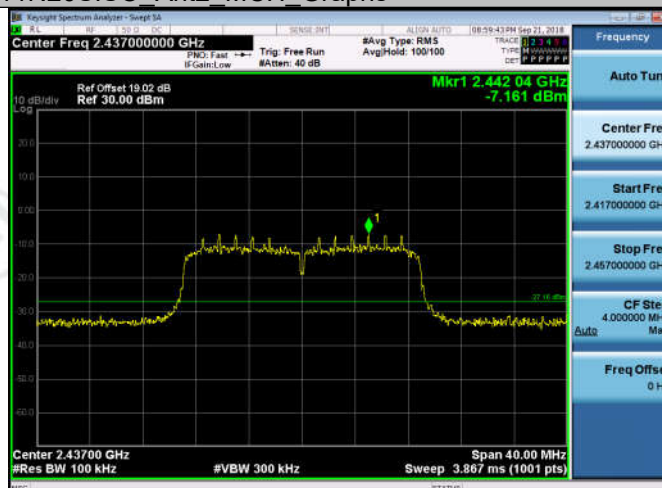


Puw/11N20SISO/MCH

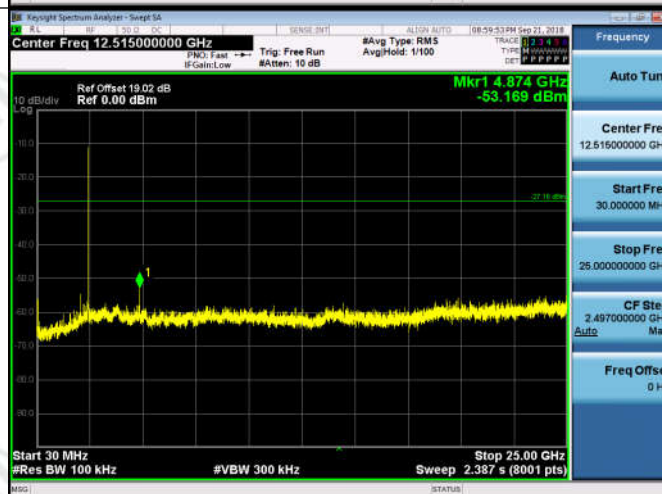


11N20SISO Ant2 MCH Graphs

Pref/11N20SISO/MCH

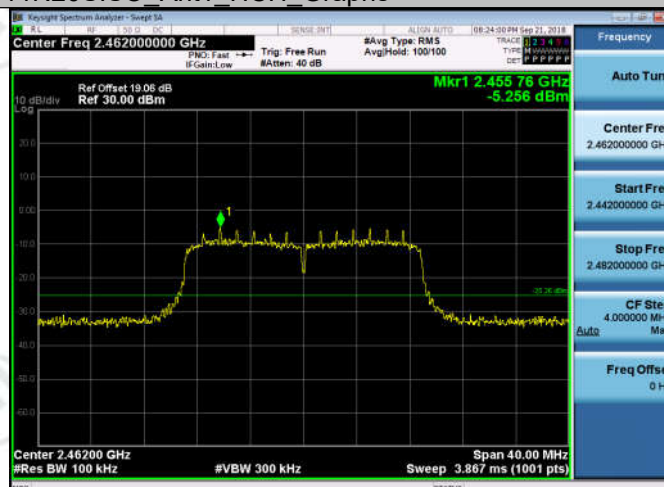


Puw/11N20SISO/MCH

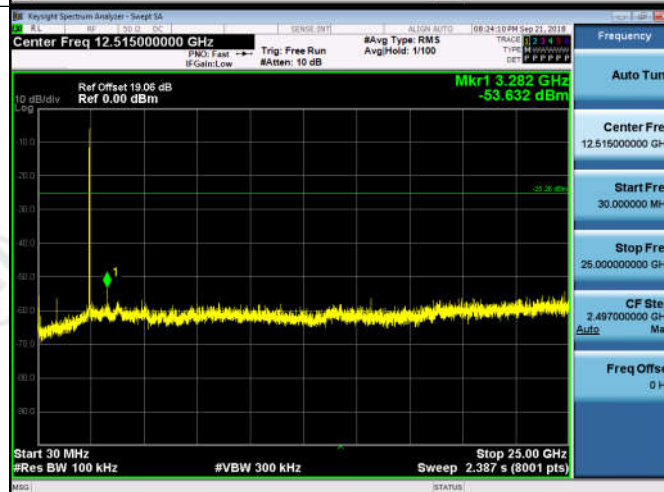


11N20SISO_Ant1_HCH_Graphs

Pref/11N20SISO/HCH

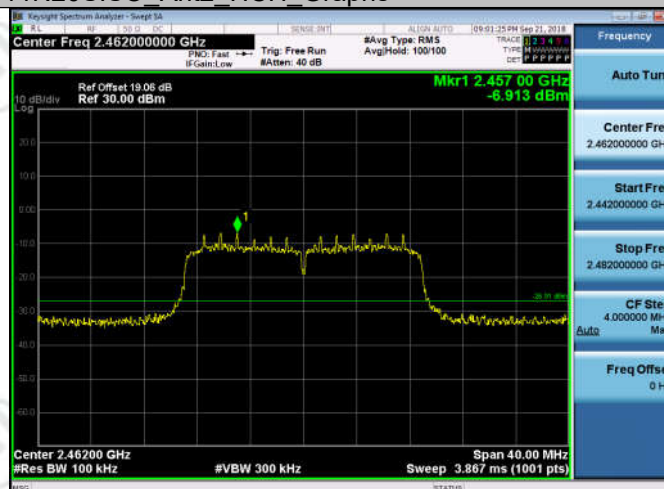


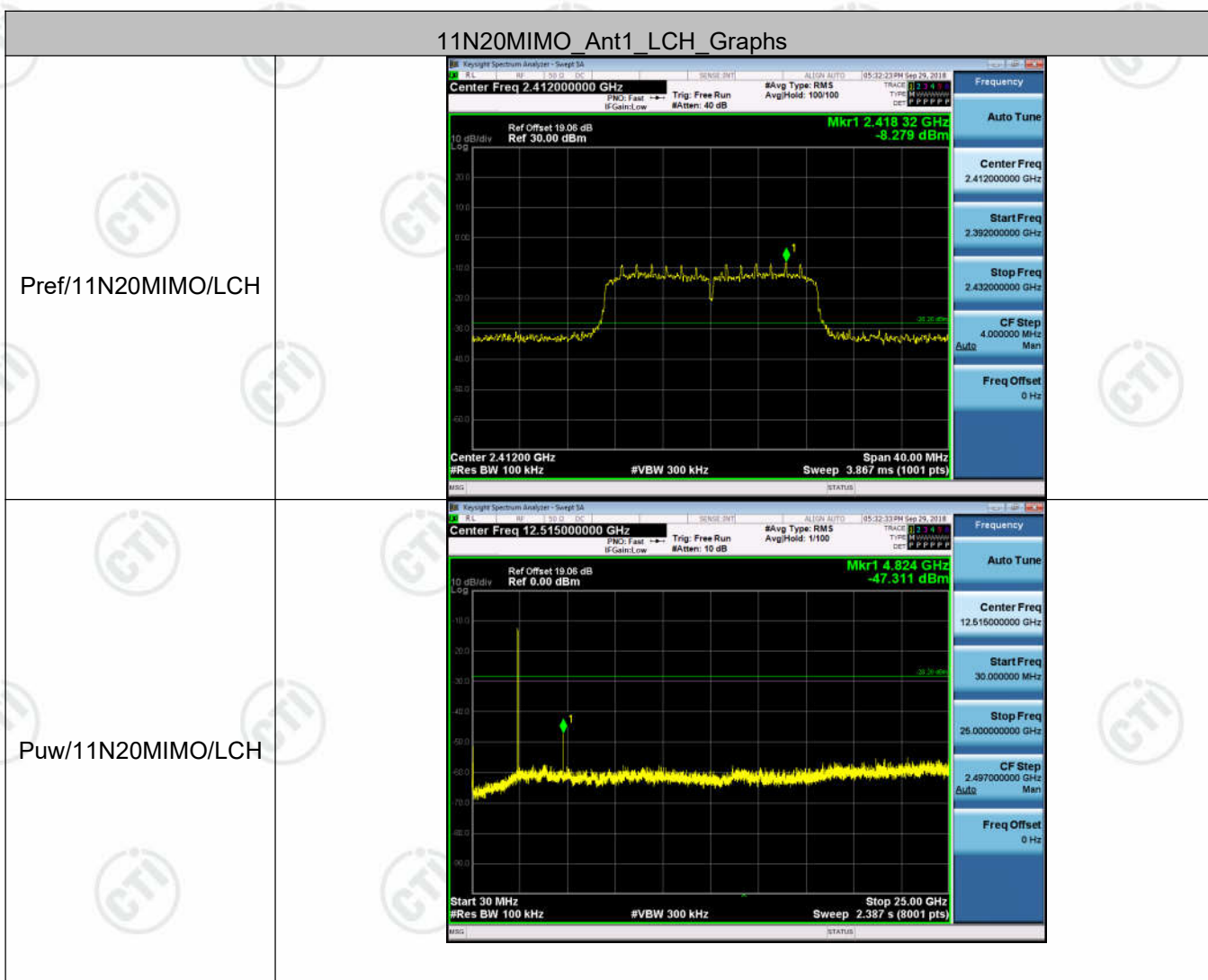
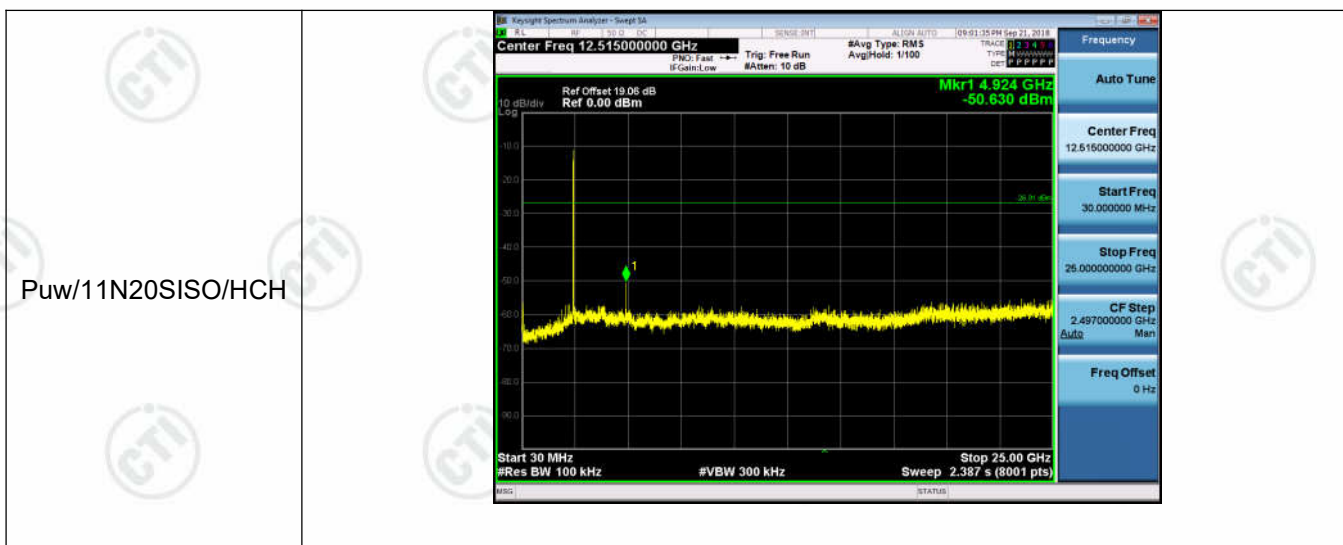
Puw/11N20SISO/HCH



11N20SISO_Ant2_HCH_Graphs

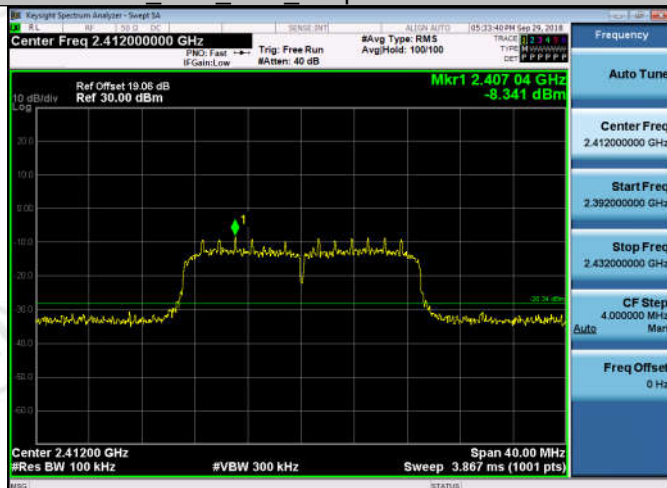
Pref/11N20SISO/HCH



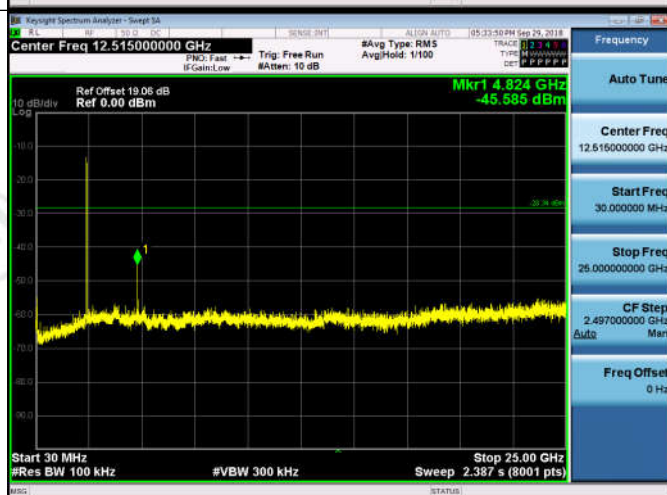


11N20MIMO_Ant2_LCH Graphs

Pref/11N20MIMO/LCH

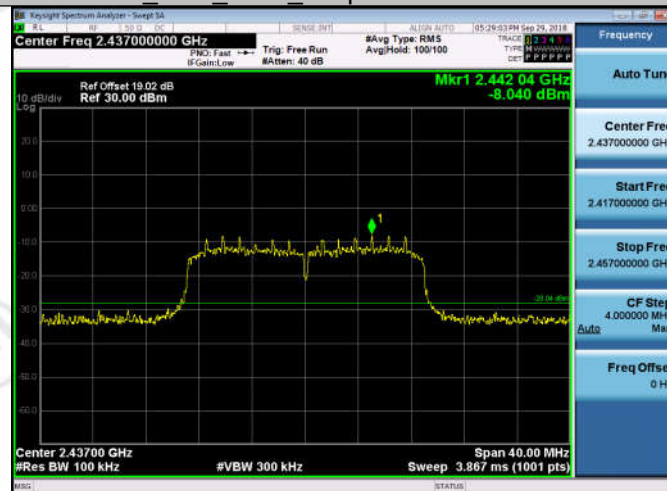


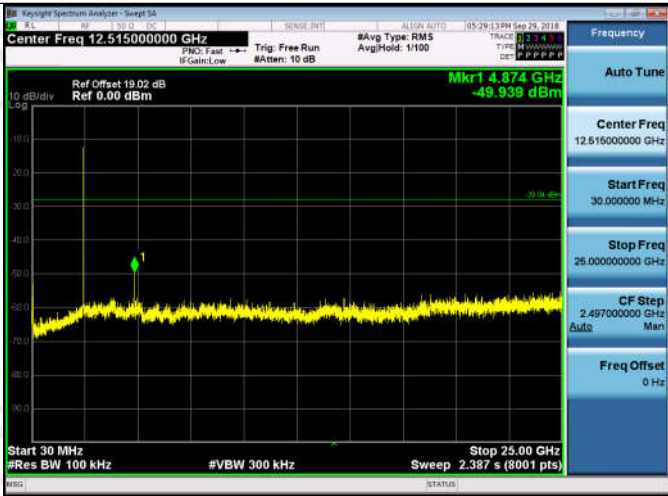
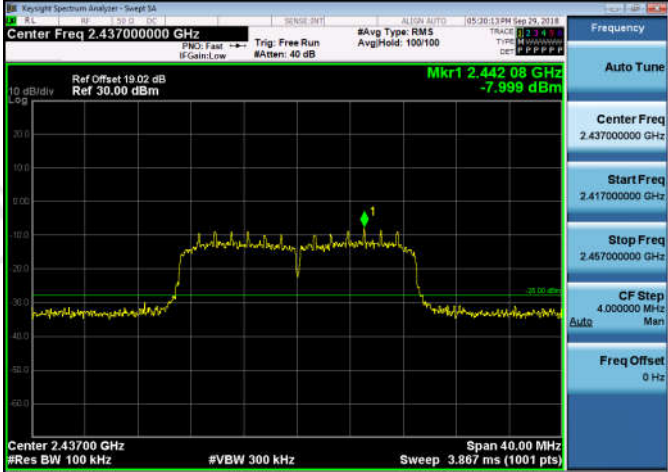
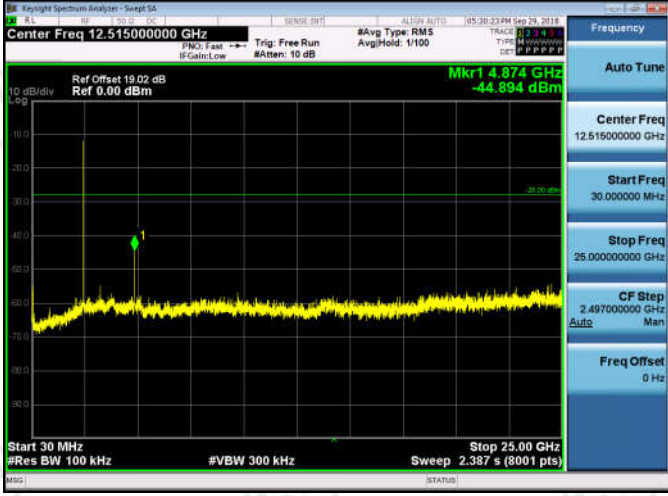
Puw/11N20MIMO/LCH

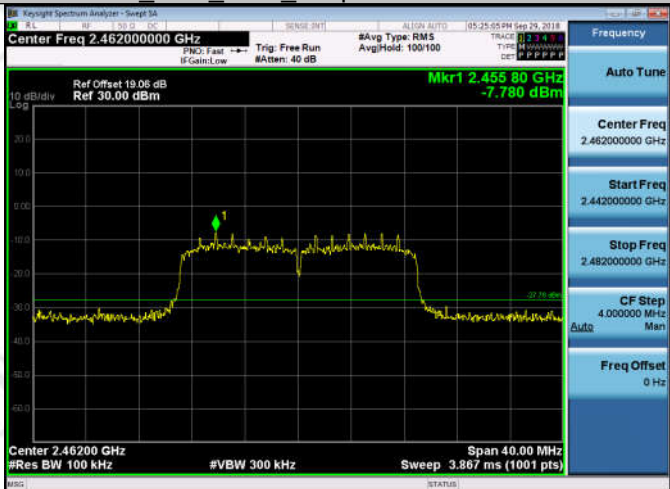
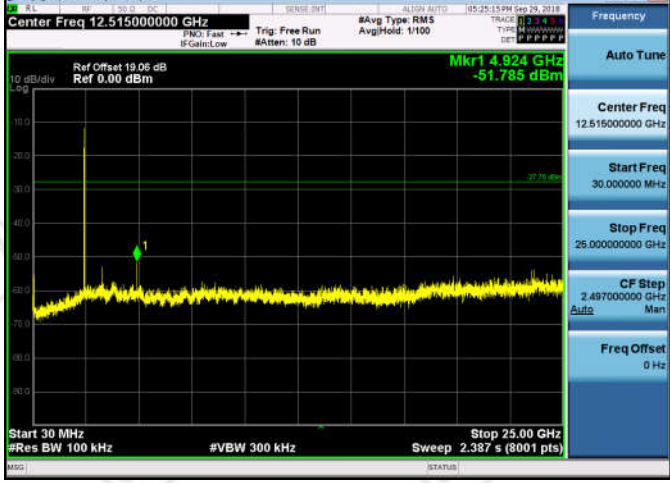


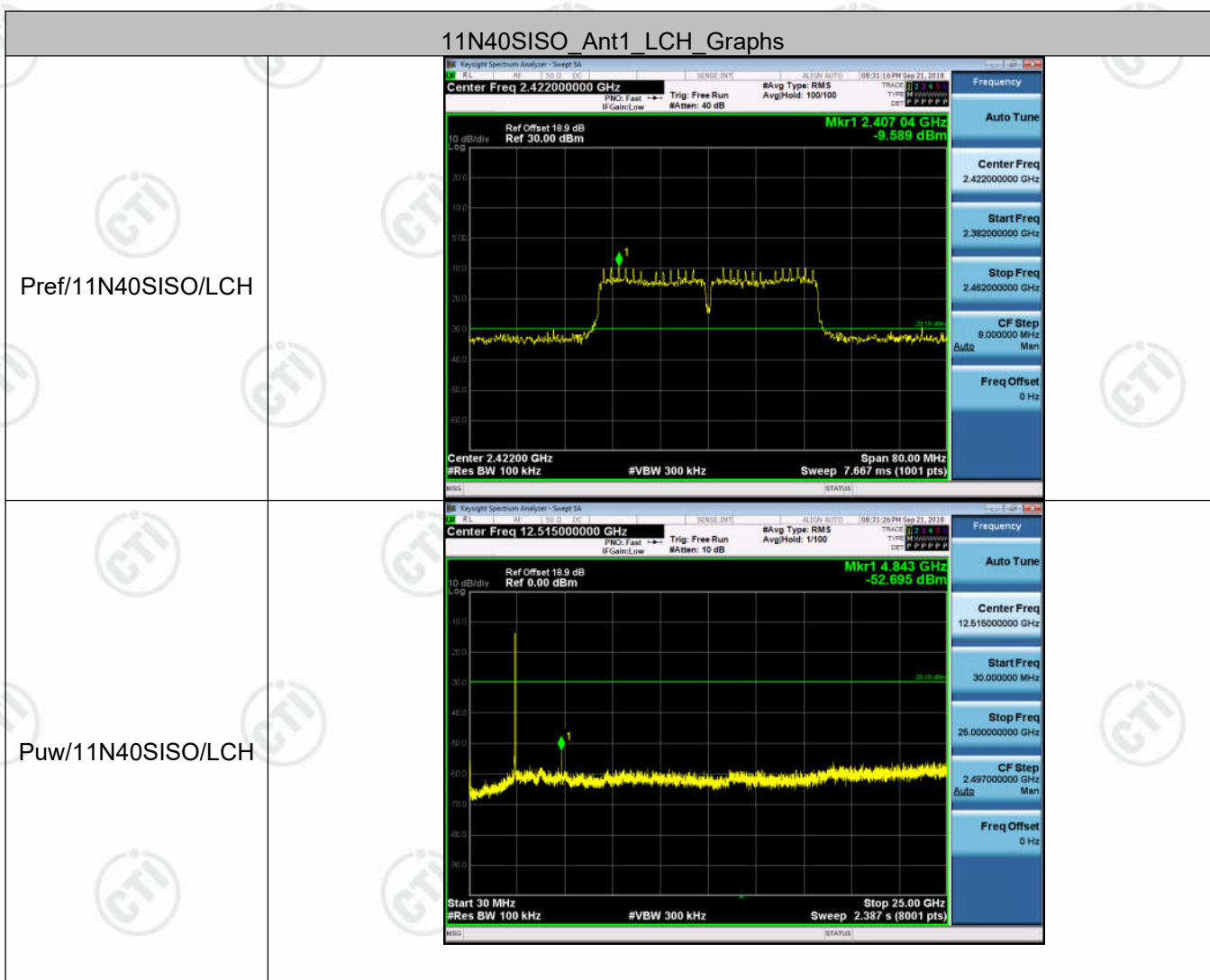
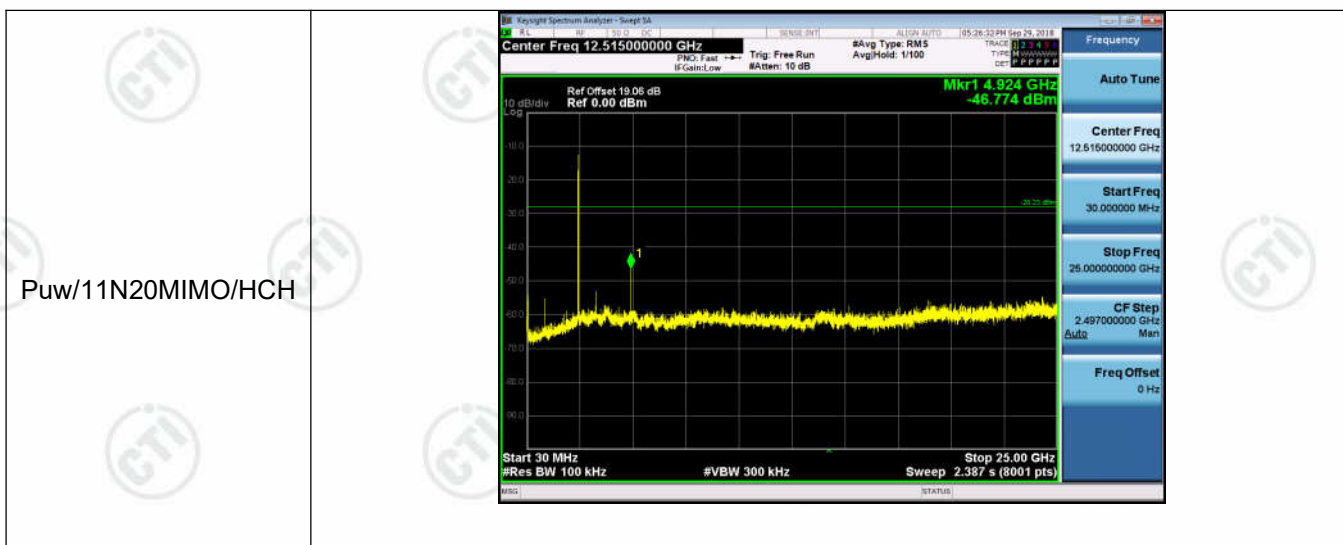
11N20MIMO_Ant1_MCH Graphs

Pref/11N20MIMO/MCH



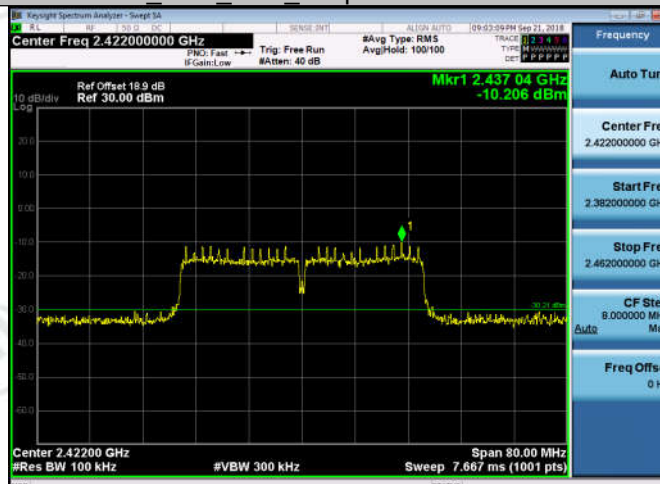
Puw/11N20MIMO/MCH	
11N20MIMO Ant2_MCH Graphs	
Pref/11N20MIMO/MCH	
Puw/11N20MIMO/MCH	

11N20MIMO_Ant1_HCH_Graphs	
Pref/11N20MIMO/HCH	
Puw/11N20MIMO/HCH	
11N20MIMO_Ant2_HCH_Graphs	
Pref/11N20MIMO/HCH	

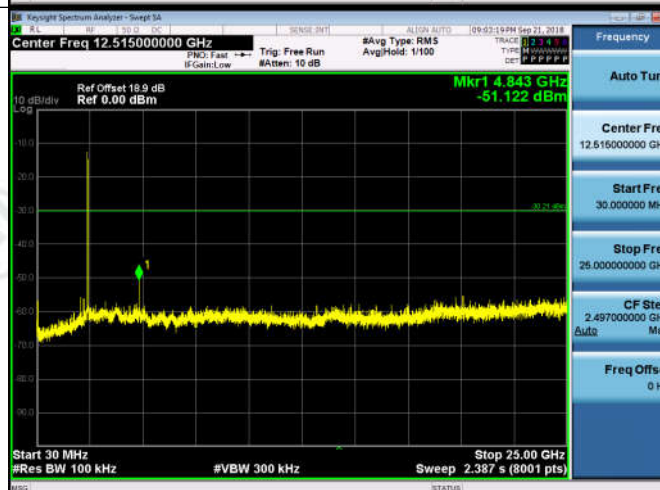


11N40SISO_Ant2_LCH_Graphs

Pref/11N40SISO/LCH

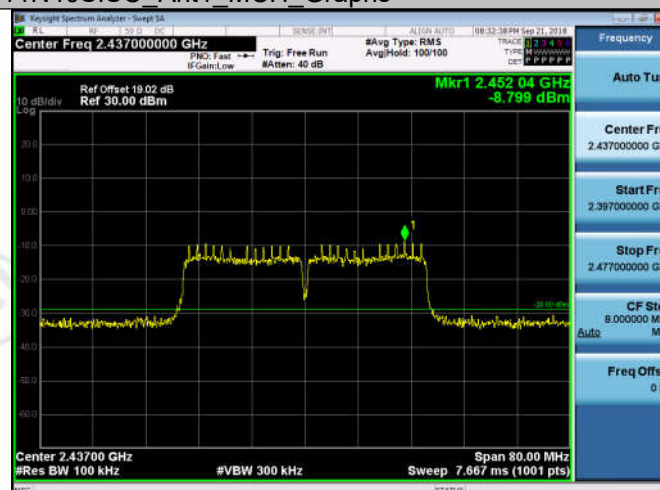


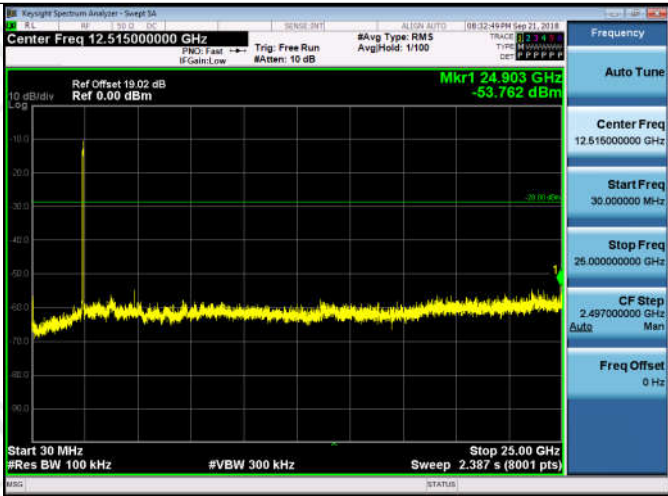
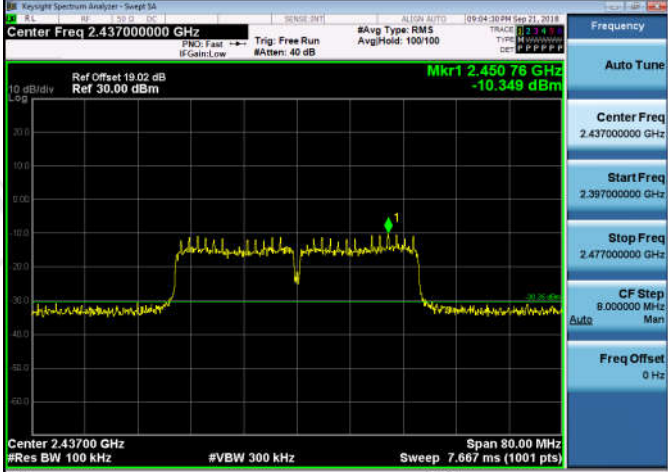
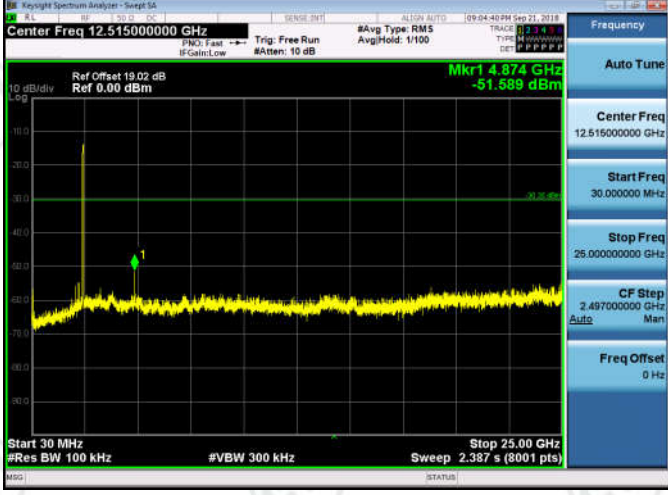
Puw/11N40SISO/LCH



11N40SISO_Ant1_MCH_Graphs

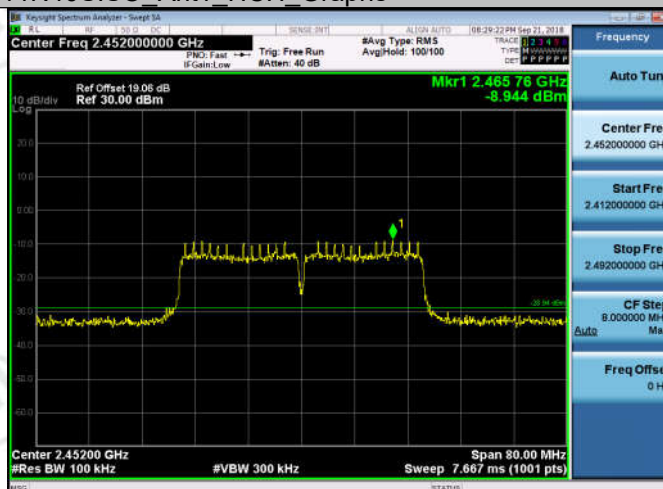
Pref/11N40SISO/MCH



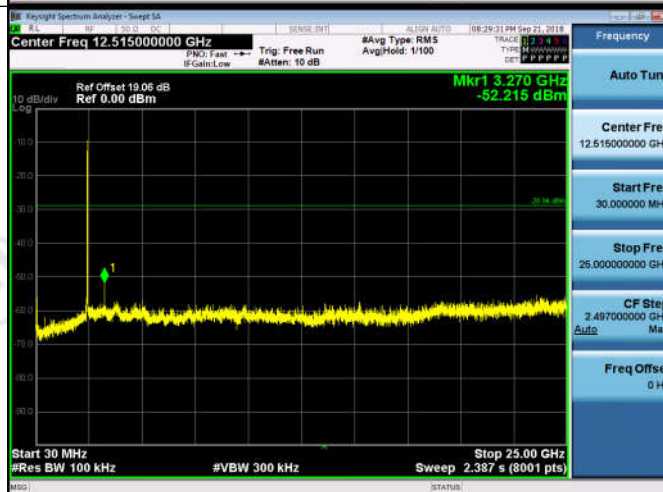
Puw/11N40SISO/MCH	
11N40SISO Ant2 MCH Graphs	
Pref/11N40SISO/MCH	
Puw/11N40SISO/MCH	

11N40SISO_Ant1_HCH_Graphs

Pref/11N40SISO/HCH

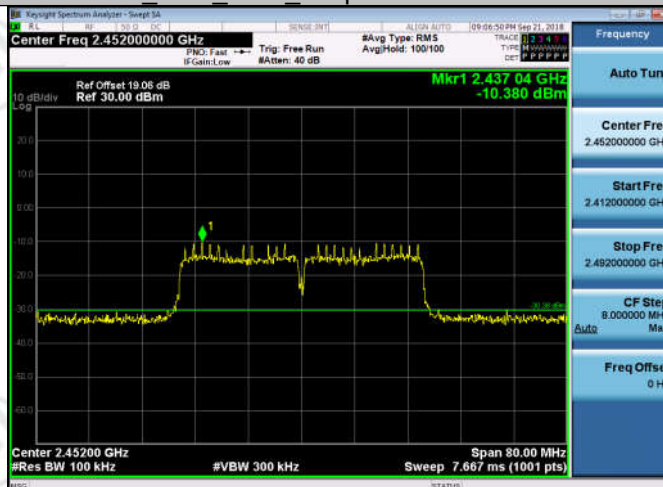


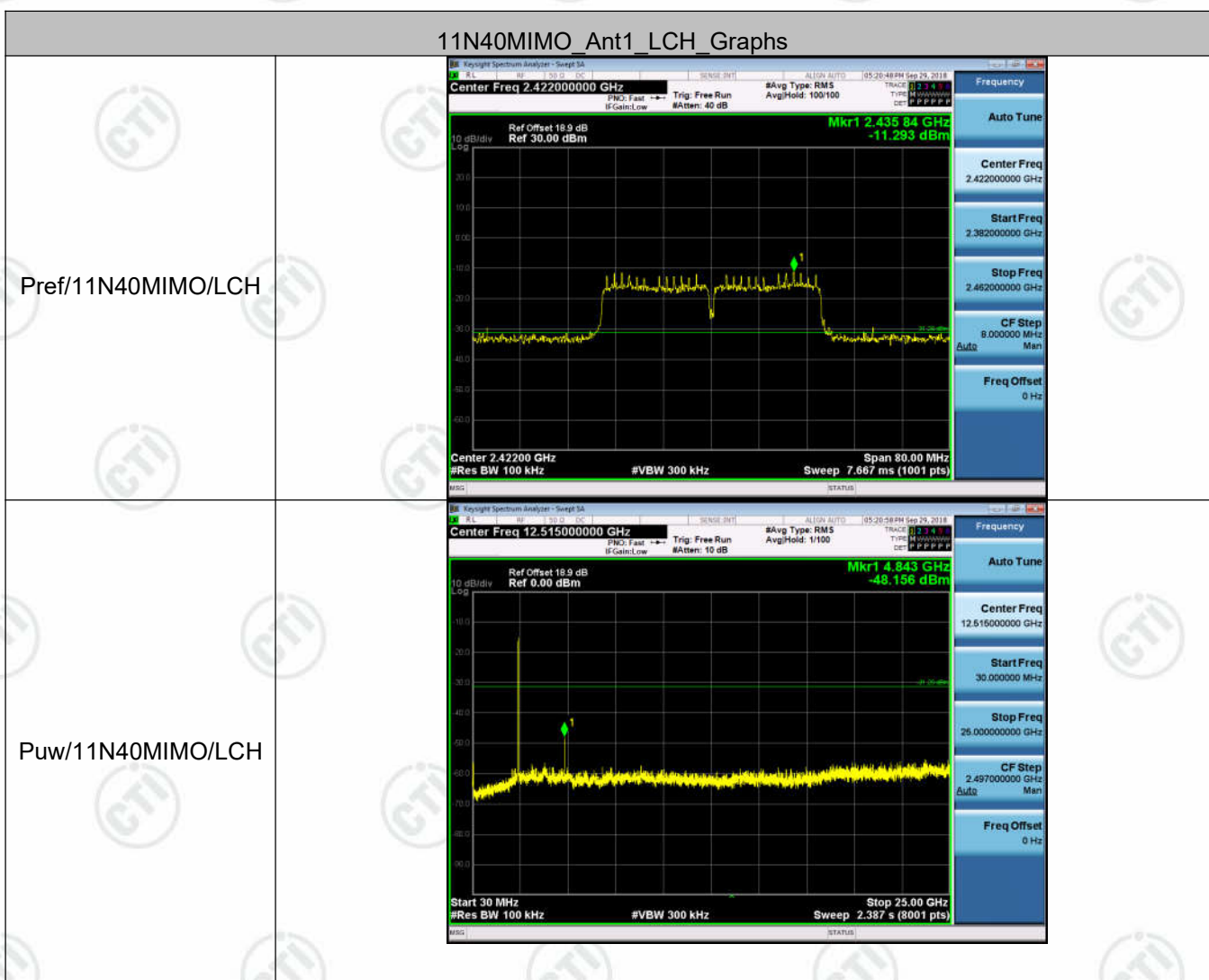
Puw/11N40SISO/HCH



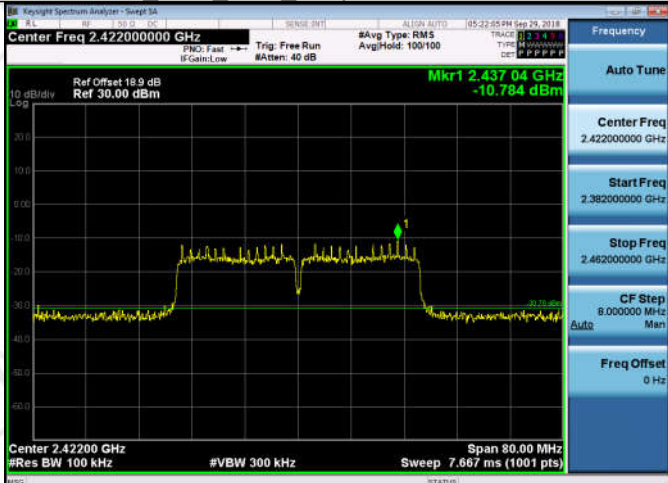
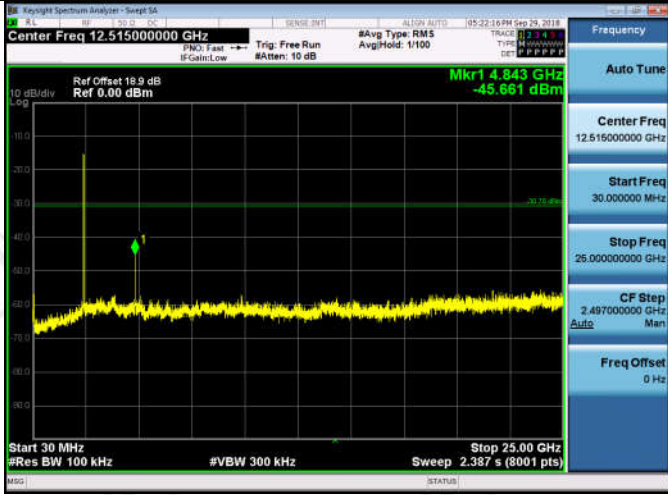
11N40SISO_Ant2_HCH_Graphs

Pref/11N40SISO/HCH

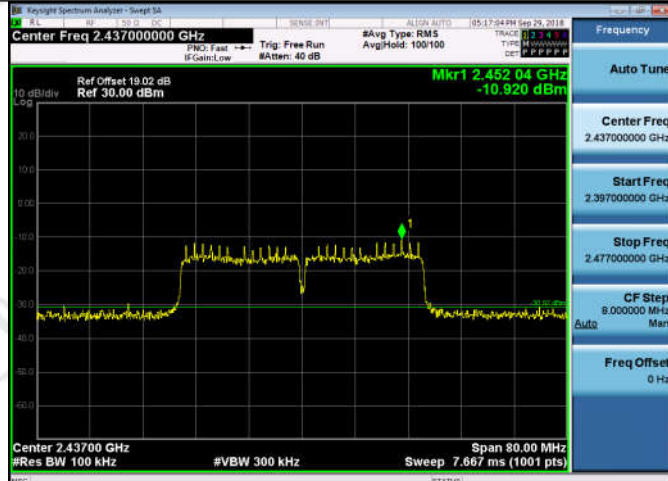




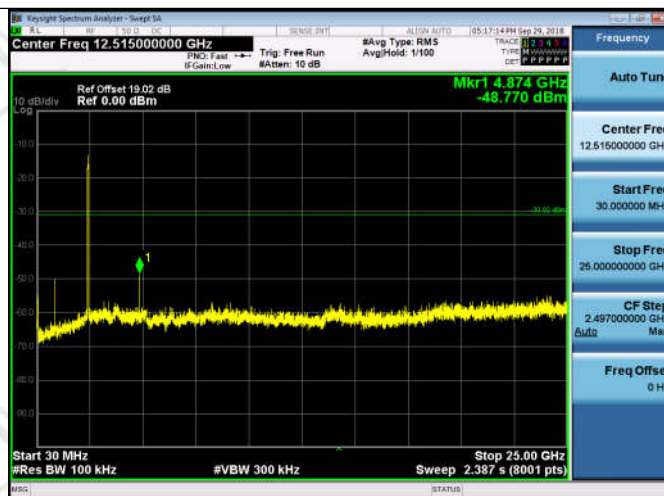
11N40MIMO_Ant2_LCH_Graphs

Pref/11N40MIMO/LCH	
Puw/11N40MIMO/LCH	

11N40MIMO_Ant1_MCH_Graphs

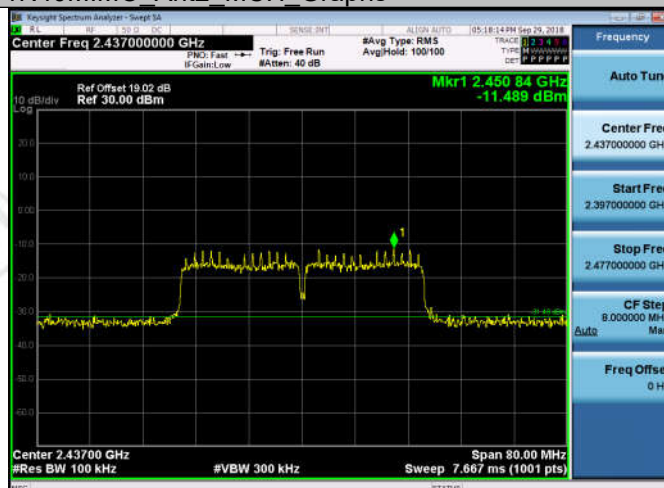
Pref/11N40MIMO/MCH	
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Puw/11N40MIMO/MCH

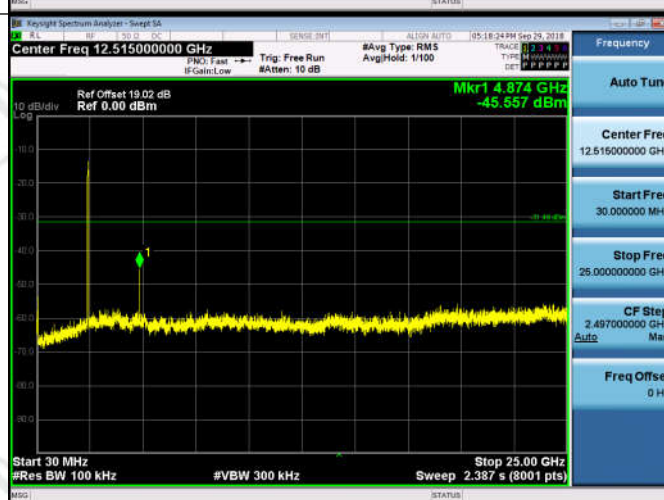


11N40MIMO Ant2_MCH Graphs

Pref/11N40MIMO/MCH

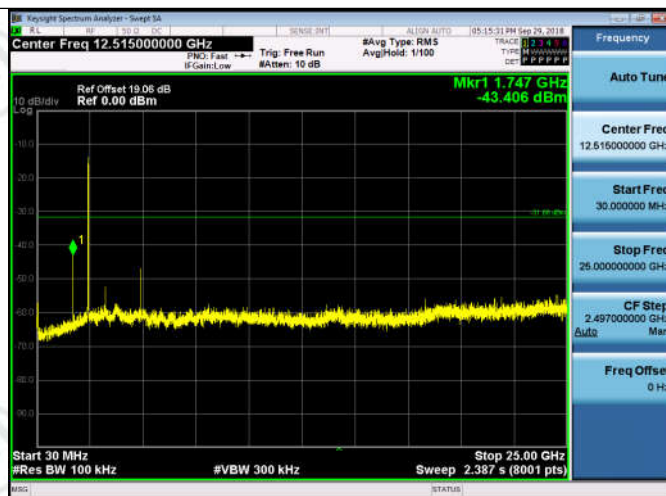


Puw/11N40MIMO/MCH



11N40MIMO Ant1 HCH Graphs	
Pref/11N40MIMO/HCH	
Puw/11N40MIMO/HCH	
11N40MIMO Ant2 HCH Graphs	
Pref/11N40MIMO/HCH	

Puw/11N40MIMO/HCH



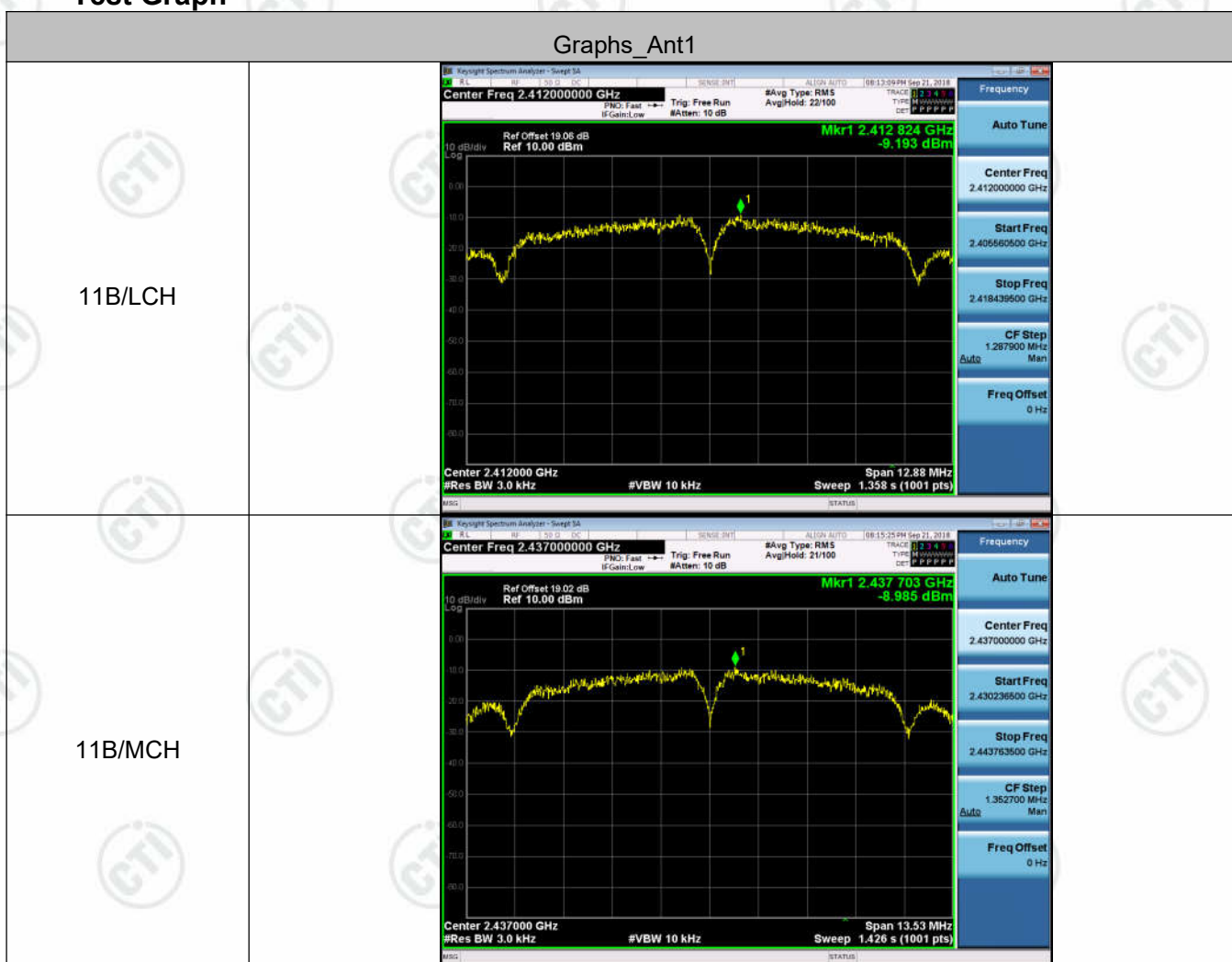
Appendix E): Power Spectral Density

Result Table

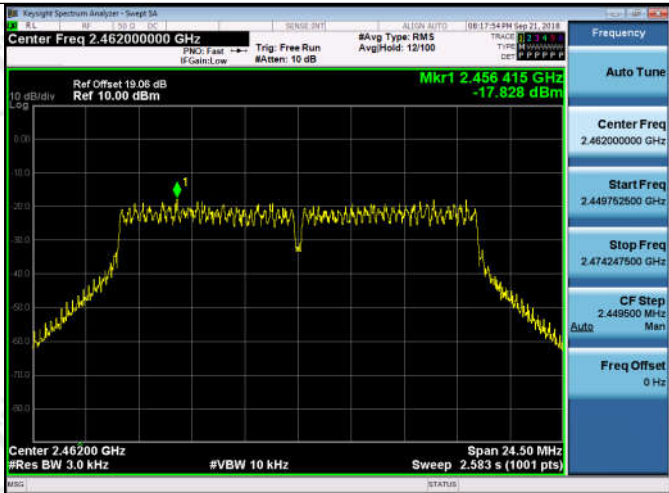
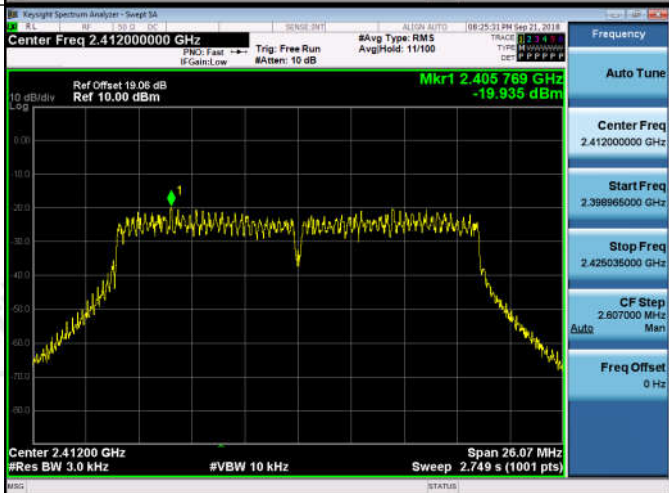
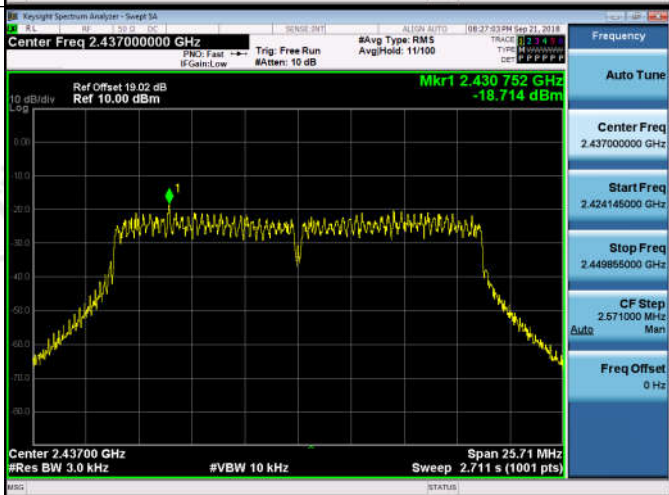
Mode	Antenna	Channel	Power Spectral Density [dBm]	Limit [dBm/3kHz]	Verdict
11B	Ant1	LCH	-9.193	8	PASS
11B	Ant2	LCH	-10.779	8	PASS
11B	Ant1	MCH	-8.985	8	PASS
11B	Ant2	MCH	-10.525	8	PASS
11B	Ant1	HCH	-9.078	8	PASS
11B	Ant2	HCH	-10.159	8	PASS
11G	Ant1	LCH	-17.987	8	PASS
11G	Ant2	LCH	-19.527	8	PASS
11G	Ant1	MCH	-18.134	8	PASS
11G	Ant2	MCH	-19.622	8	PASS
11G	Ant1	HCH	-17.828	8	PASS
11G	Ant2	HCH	-19.062	8	PASS
11N20SISO	Ant1	LCH	-19.935	8	PASS
11N20SISO	Ant2	LCH	-20.676	8	PASS
11N20SISO	Ant1	MCH	-18.714	8	PASS
11N20SISO	Ant2	MCH	-21.059	8	PASS
11N20SISO	Ant1	HCH	-19.040	8	PASS
11N20SISO	Ant2	HCH	-20.493	8	PASS
11N20MIMO	Ant1	LCH	-21.166	8	PASS
11N20MIMO	Ant2	LCH	-21.247	8	PASS
11N20MIMO	Ant1+2	LCH	-18.20	8	PASS
11N20MIMO	Ant1	MCH	-21.713	8	PASS
11N20MIMO	Ant2	MCH	-23.112	8	PASS
11N20MIMO	Ant1+2	MCH	-19.35	8	PASS
11N20MIMO	Ant1	HCH	-20.410	8	PASS
11N20MIMO	Ant2	HCH	-21.726	8	PASS
11N20MIMO	Ant1+2	HCH	-18.01	8	PASS
11N40SISO	Ant1	LCH	-23.611	8	PASS
11N40SISO	Ant2	LCH	-24.924	8	PASS
11N40SISO	Ant1	MCH	-23.521	8	PASS
11N40SISO	Ant2	MCH	-24.668	8	PASS

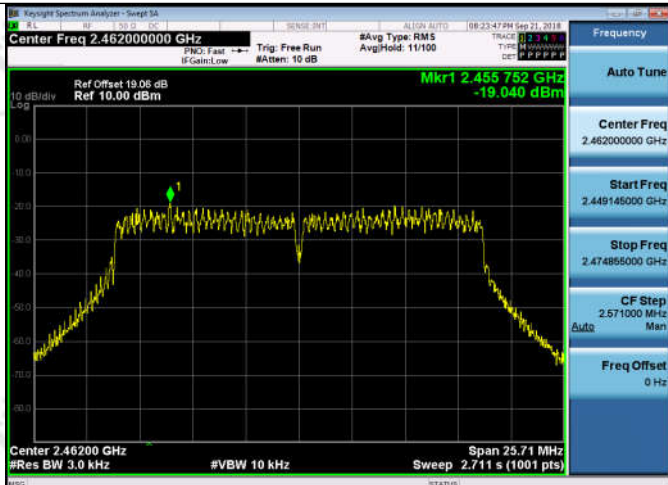
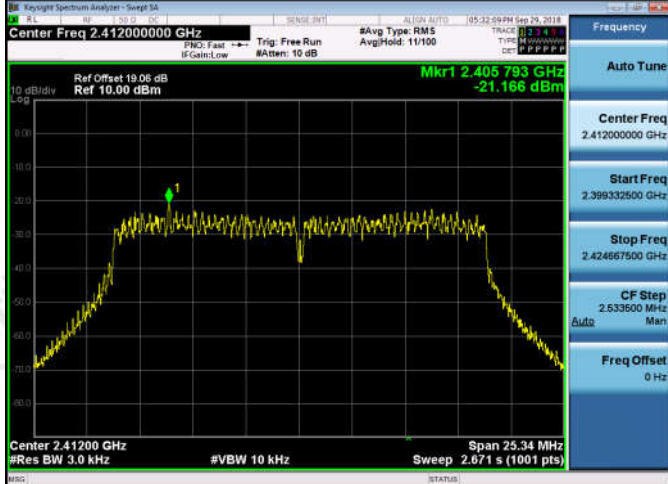
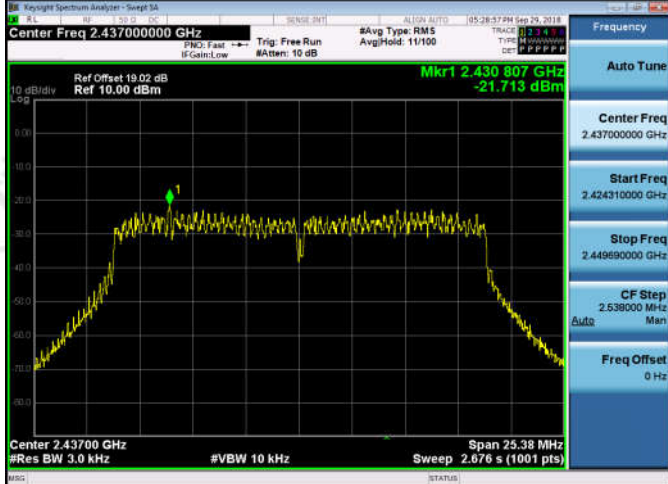
11N40SISO	Ant1	HCH	-22.999	8	PASS
11N40SISO	Ant2	HCH	-24.402	8	PASS
11N40MIMO	Ant1	LCH	-25.405	8	PASS
11N40MIMO	Ant2	LCH	-25.282	8	PASS
11N40MIMO	Ant1+2	LCH	-22.33	8	PASS
11N40MIMO	Ant1	MCH	-25.298	8	PASS
11N40MIMO	Ant2	MCH	-26.213	8	PASS
11N40MIMO	Ant1+2	MCH	-22.72	8	PASS
11N40MIMO	Ant1	HCH	-26.140	8	PASS
11N40MIMO	Ant2	HCH	-26.052	8	PASS
11N40MIMO	Ant1+2	HCH	-23.09	8	PASS

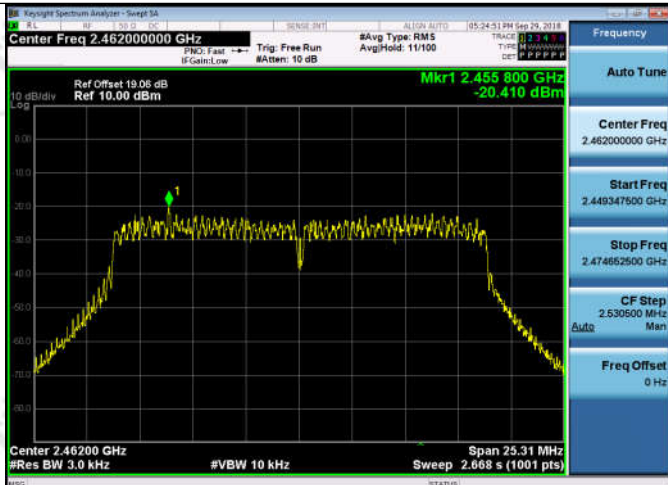
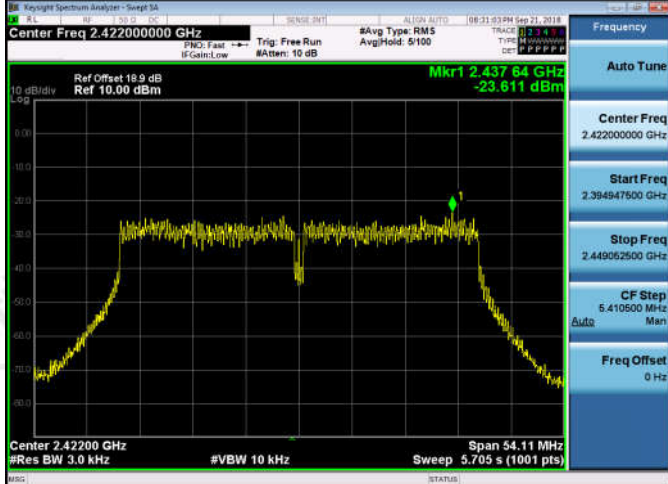
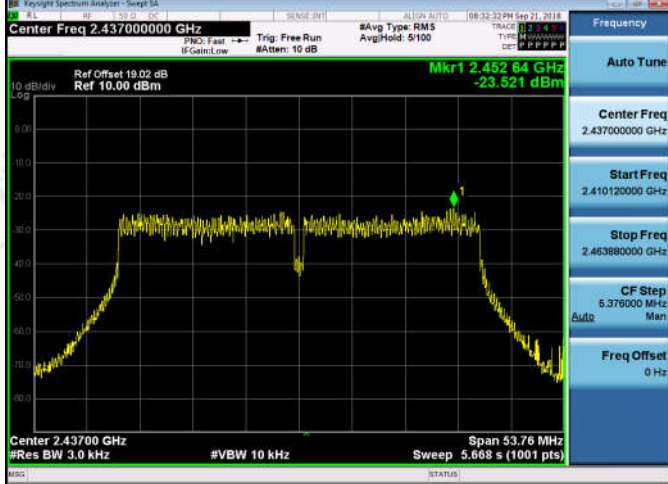
Test Graph

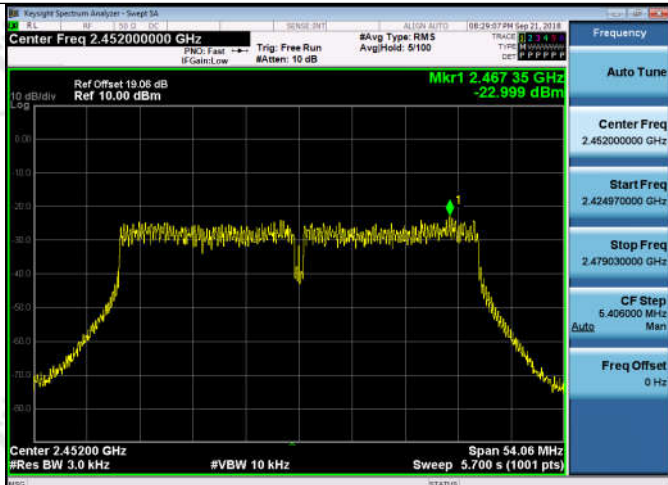
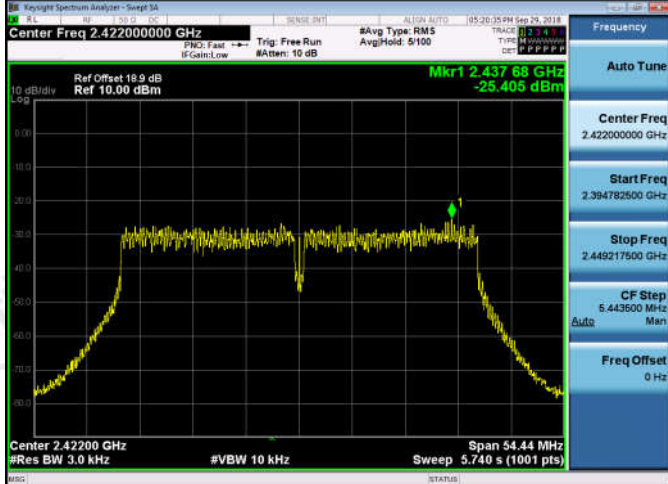
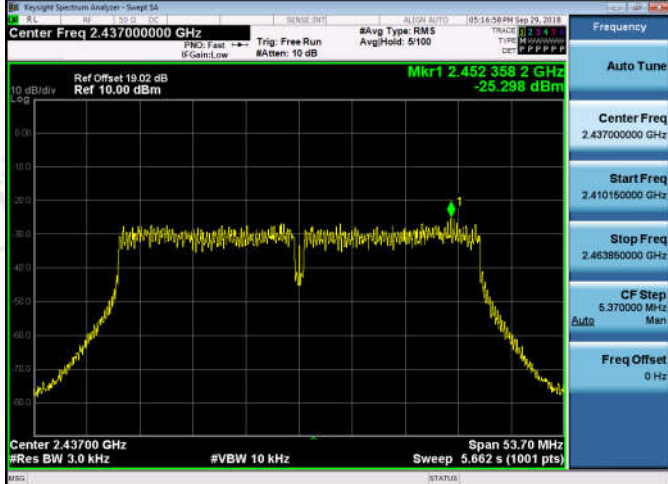


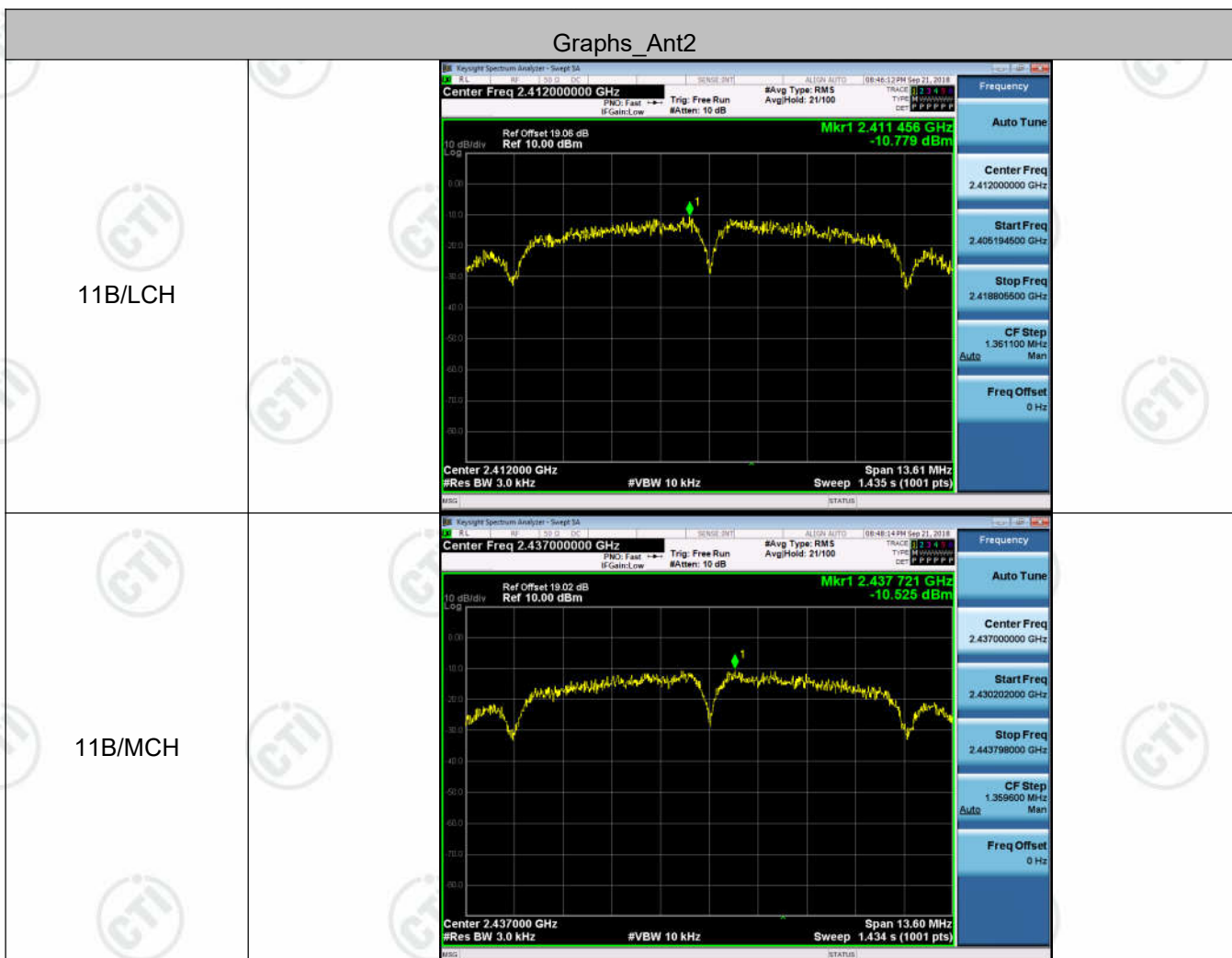
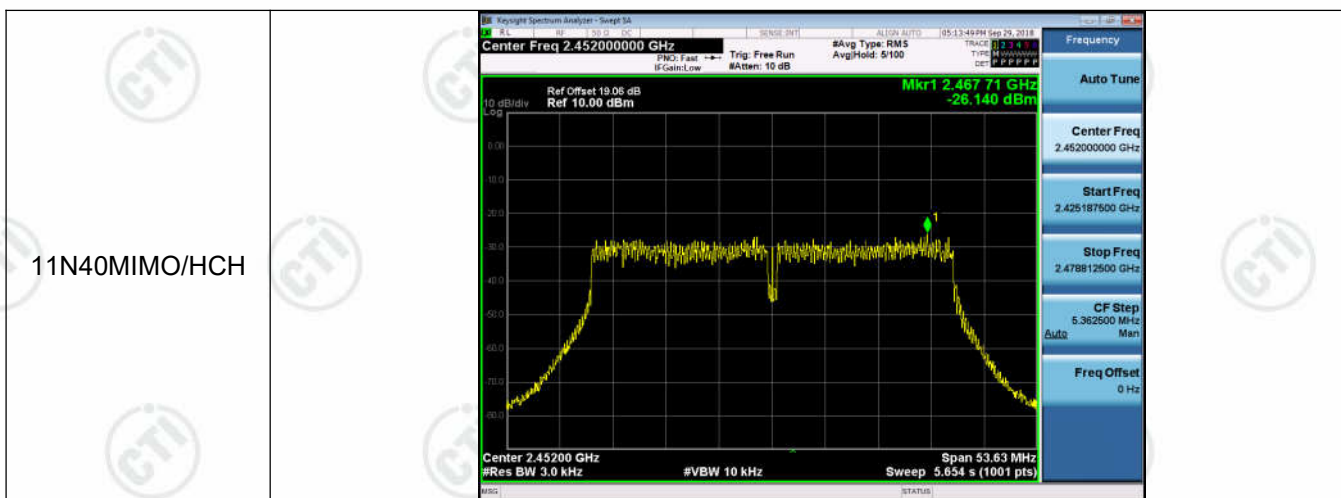


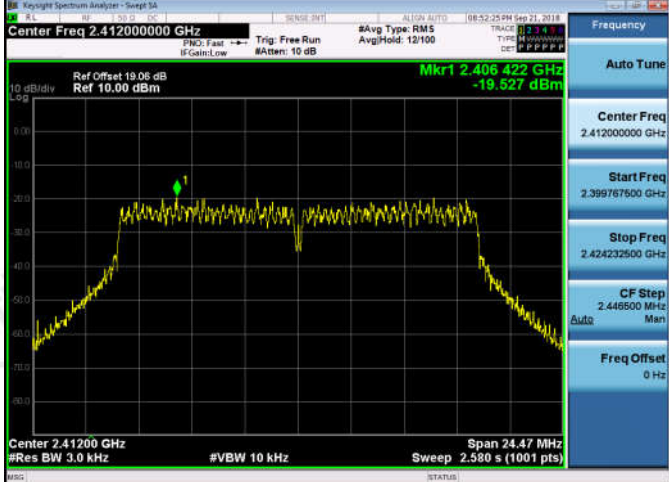
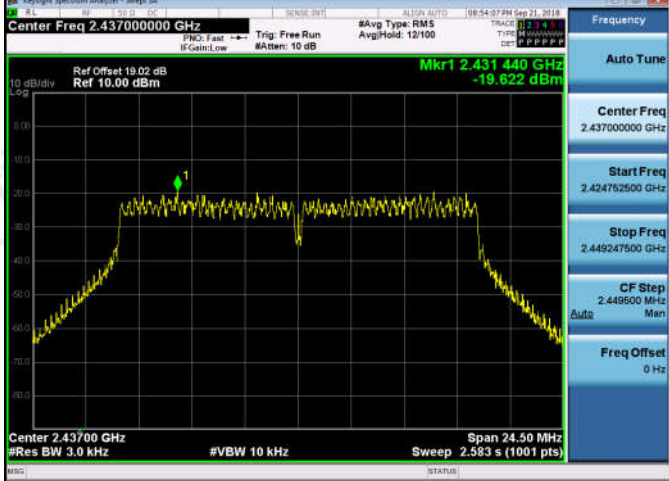
11G/HCH	
11N20SISO/LCH	
11N20SISO/MCH	

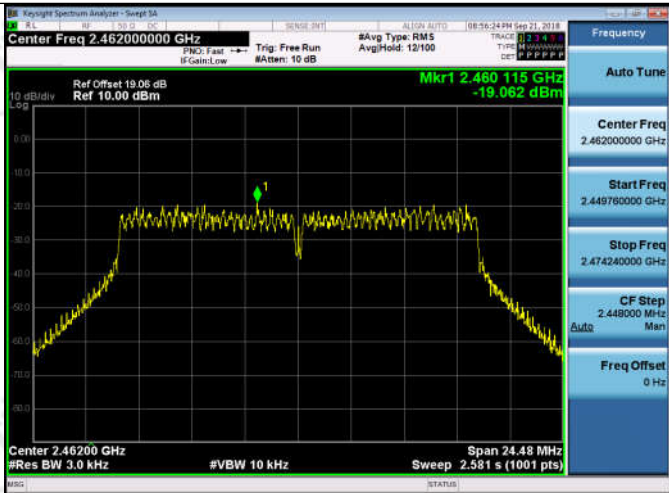
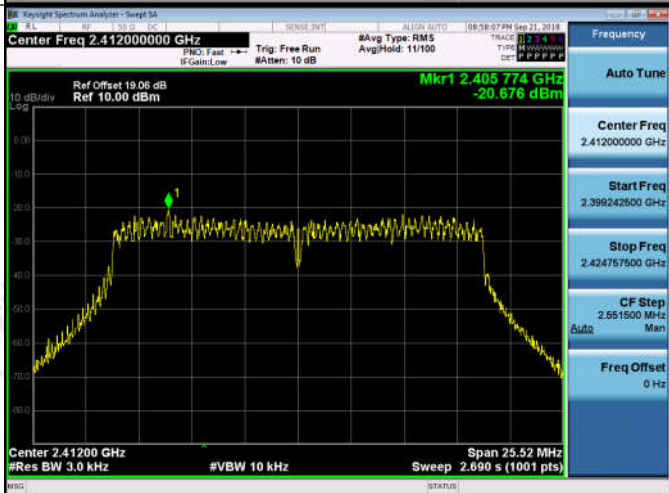
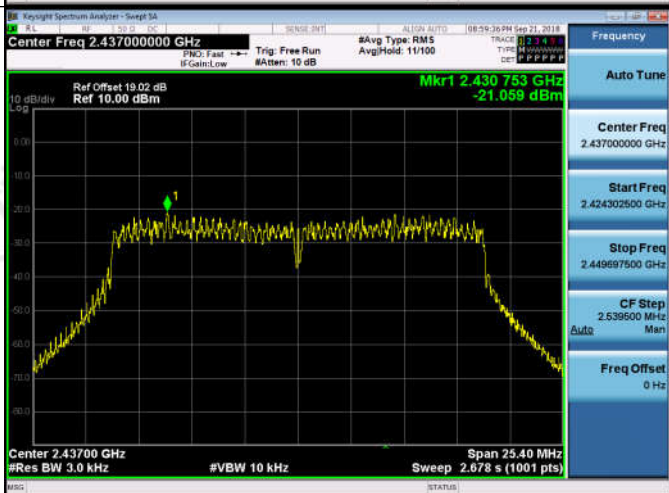
11N20SISO/HCH	
11N20MIMO/LCH	
11N20MIMO/MCH	

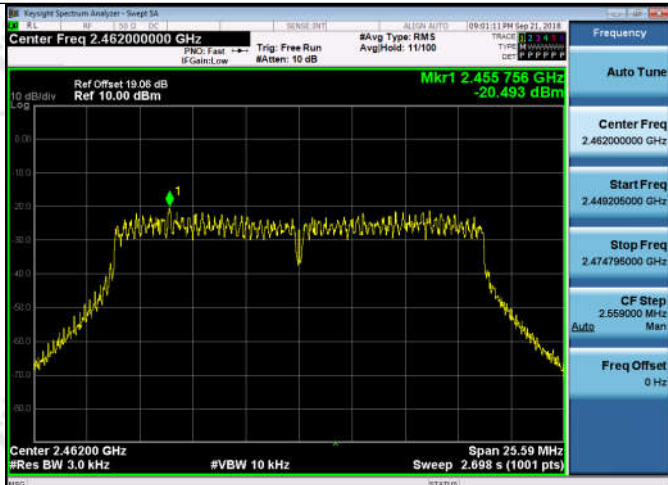
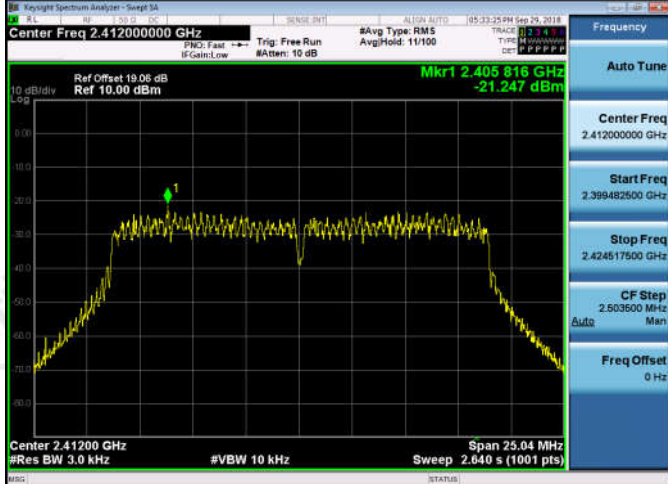
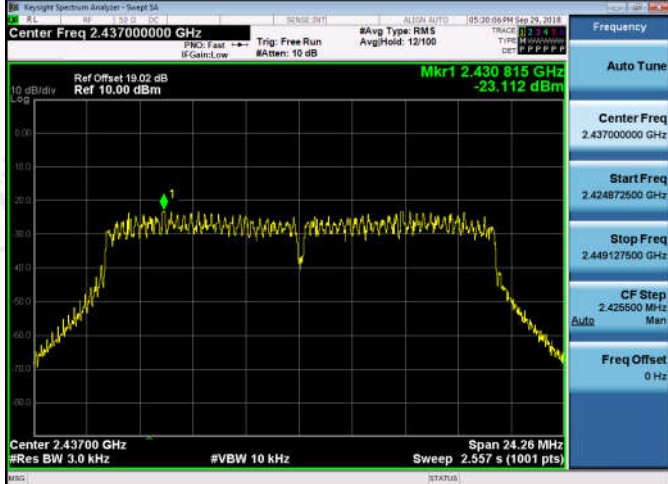
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11N40SISO/LCH	
11N40SISO/MCH	

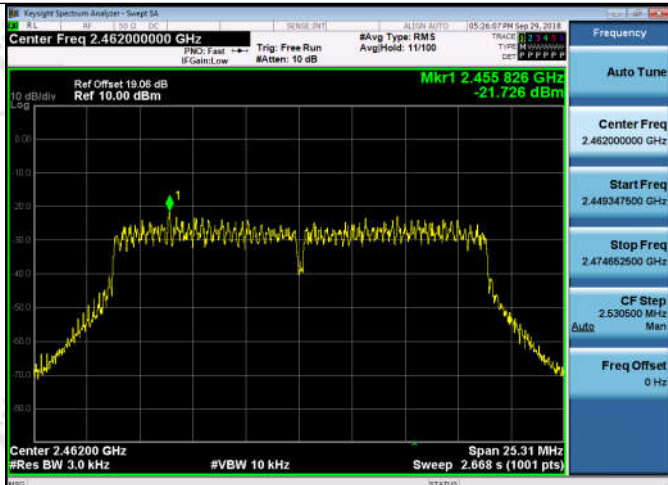
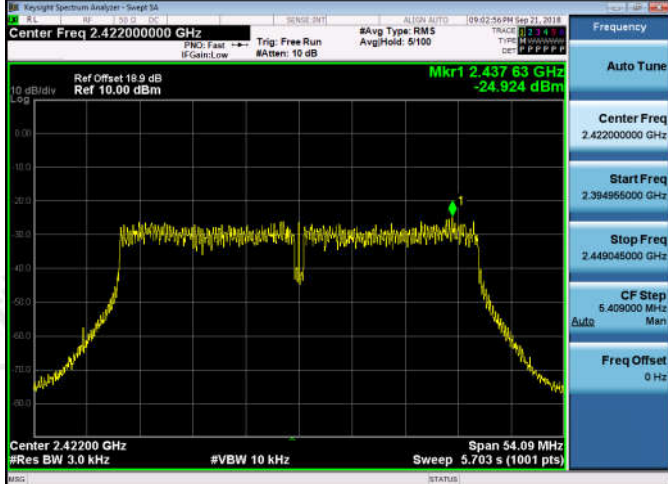
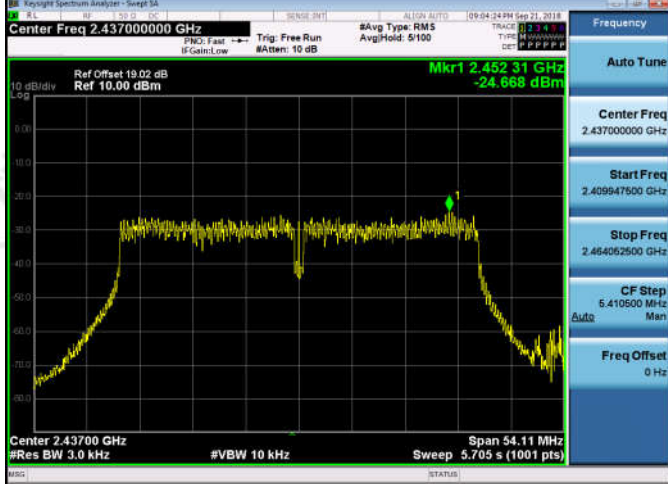
11N40SISO/HCH	
11N40MIMO/LCH	
11N40MIMO/MCH	

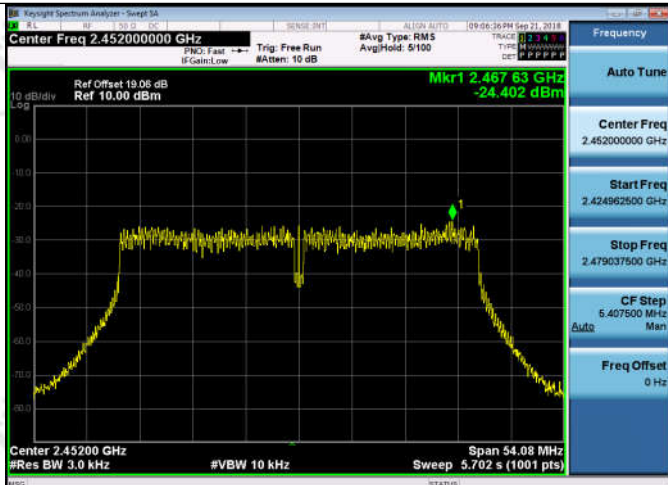
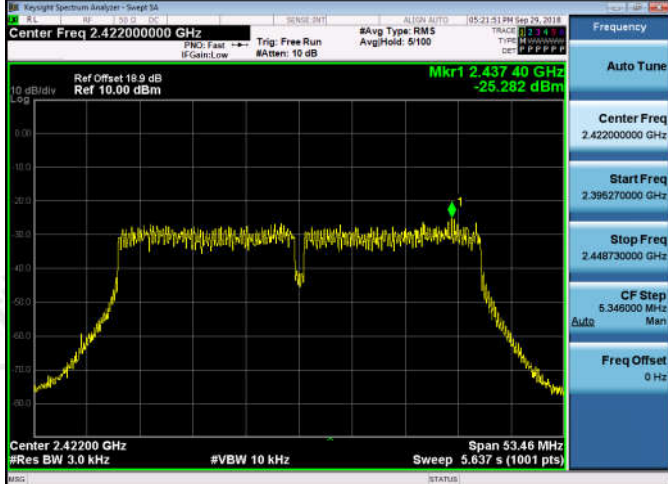
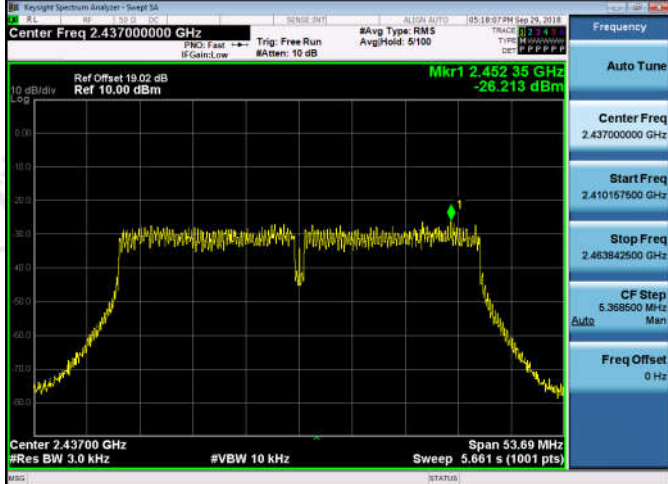


11B/HCH	 Keynote Spectrum Analyzer - Sweep 3A Center Freq 2.46200000 GHz Ref Offset 19.08 dB Ref 10.00 dBm Mkr1 2.462 831 GHz -10.159 dBm Center 2.462000 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 13.62 MHz Sweep 1.436 s (1001 pts)
11G/LCH	 Keynote Spectrum Analyzer - Sweep 3A Center Freq 2.41200000 GHz Ref Offset 19.08 dB Ref 10.00 dBm Mkr1 2.406 422 GHz -19.527 dBm Center 2.412000 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.47 MHz Sweep 2.580 s (1001 pts)
11G/MCH	 Keynote Spectrum Analyzer - Sweep 3A Center Freq 2.43700000 GHz Ref Offset 19.02 dB Ref 10.00 dBm Mkr1 2.431 440 GHz -19.622 dBm Center 2.437000 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.50 MHz Sweep 2.583 s (1001 pts)

11G/HCH	
11N20SISO/LCH	
11N20SISO/MCH	

11N20SISO/HCH	
11N20MIMO/LCH	
11N20MIMO/MCH	

11N20MIMO/HCH	 Keynote Spectrum Analyzer - Sweep SA Center Freq 2.462000000 GHz Ref Offset 19.08 dB Ref 10.00 dBm Mkr1 2.455 826 GHz -21.726 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 25.31 MHz Sweep 2.668 s (1001 pts)
11N40SISO/LCH	 Keynote Spectrum Analyzer - Sweep SA Center Freq 2.422000000 GHz Ref Offset 19.9 dB Ref 10.00 dBm Mkr1 2.437 63 GHz -24.924 dBm Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 54.09 MHz Sweep 5.703 s (1001 pts)
11N40SISO/MCH	 Keynote Spectrum Analyzer - Sweep SA Center Freq 2.437000000 GHz Ref Offset 19.02 dB Ref 10.00 dBm Mkr1 2.452 31 GHz -24.668 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 54.11 MHz Sweep 5.705 s (1001 pts)

11N40SISO/HCH	 Keynote Spectrum Analyzer - Sweep 3A Center Freq 2.45200000 GHz Ref Offset 19.08 dB Ref 10.00 dBm Mkr1 2.46763 GHz -24.402 dBm Center 2.45200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 54.08 MHz Sweep 5.702 s (1001 pts) Frequency Auto Tune Center Freq 2.45200000 GHz Start Freq 2.424962500 GHz Stop Freq 2.479037500 GHz CF Step 5.407500 MHz Auto Freq Offset 0 Hz
11N40MIMO/LCH	 Keynote Spectrum Analyzer - Sweep 3A Center Freq 2.42200000 GHz Ref Offset 19.9 dB Ref 10.00 dBm Mkr1 2.43740 GHz -25.282 dBm Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 53.46 MHz Sweep 5.637 s (1001 pts) Frequency Auto Tune Center Freq 2.42200000 GHz Start Freq 2.395270000 GHz Stop Freq 2.448730000 GHz CF Step 5.346000 MHz Auto Freq Offset 0 Hz
11N40MIMO/MCH	 Keynote Spectrum Analyzer - Sweep 3A Center Freq 2.43700000 GHz Ref Offset 19.02 dB Ref 10.00 dBm Mkr1 2.45235 GHz -26.213 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 53.69 MHz Sweep 5.661 s (1001 pts) Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.410157500 GHz Stop Freq 2.463842500 GHz CF Step 5.368500 MHz Auto Freq Offset 0 Hz

