Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Wireless network card

Trade Mark: DIEWU

Test Model: TXA069

Environmental Conditions

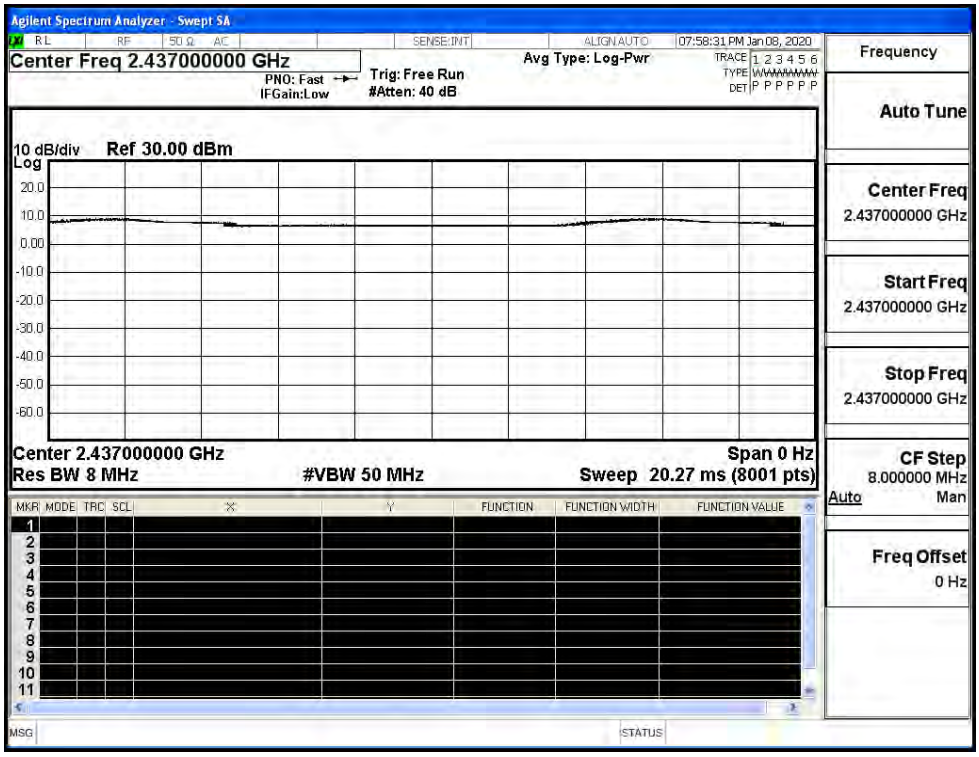
Temperature:	23.9° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Li Huan

A.1 Duty Cycle

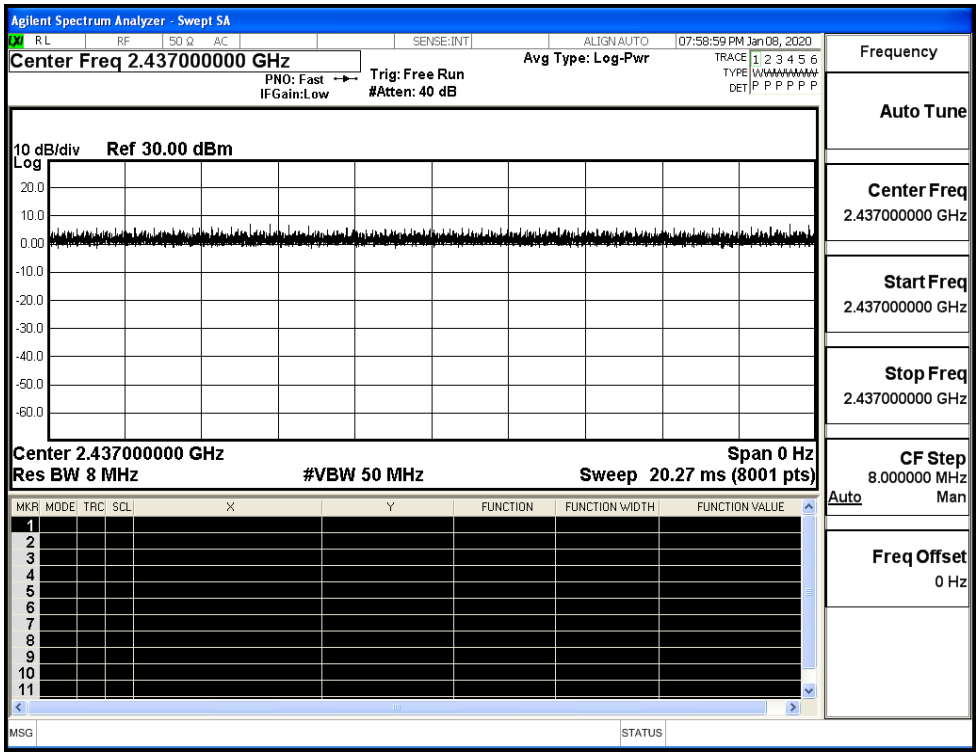
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_0	100	PASS
11G	2437	Ant_0	100	PASS
11N20	2437	Ant_0	100	PASS
11N40	2437	Ant_0	100	PASS

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_1	100	PASS
11G	2437	Ant_1	100	PASS
11N20	2437	Ant_1	100	PASS
11N40	2437	Ant_1	100	PASS

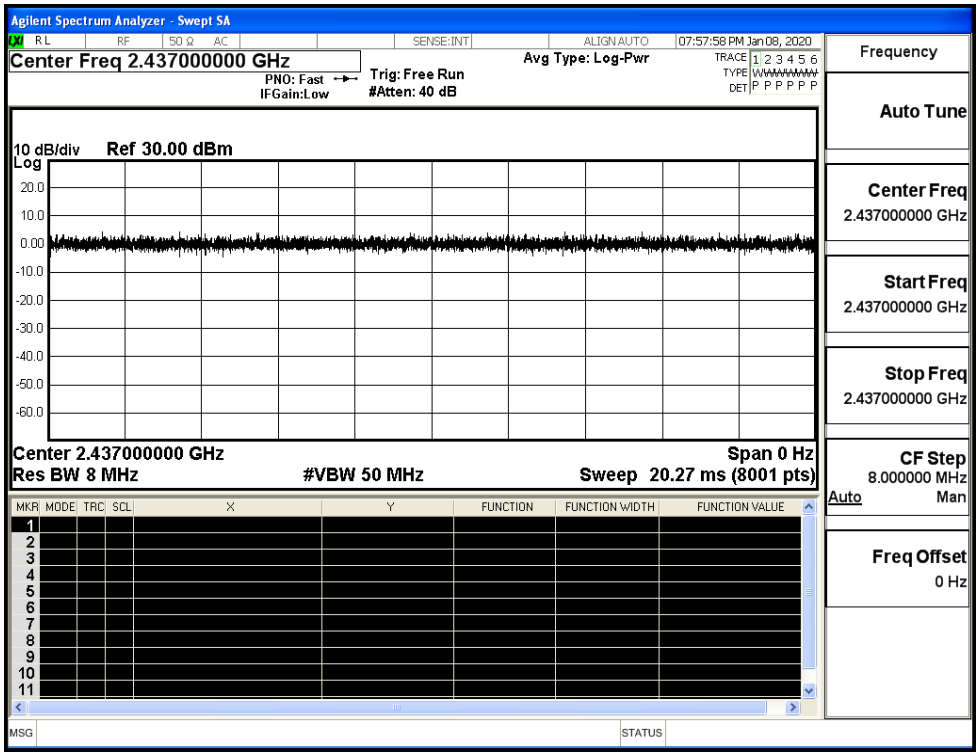
Duty Cycle_11B_2437_Ant_0



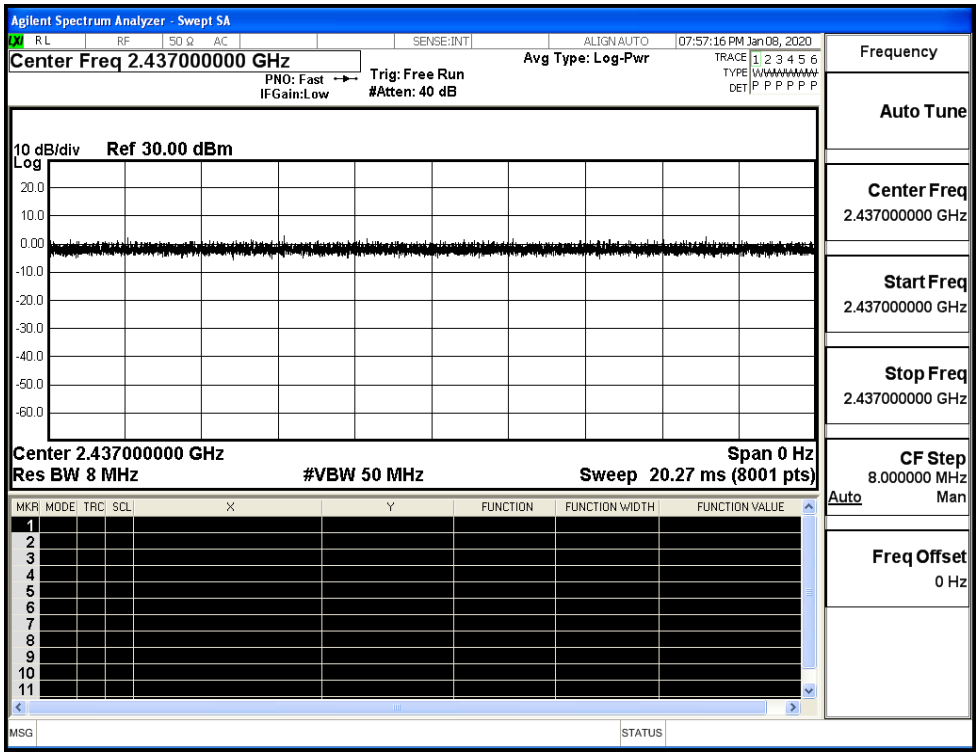
Duty Cycle_11G_2437_Ant_0



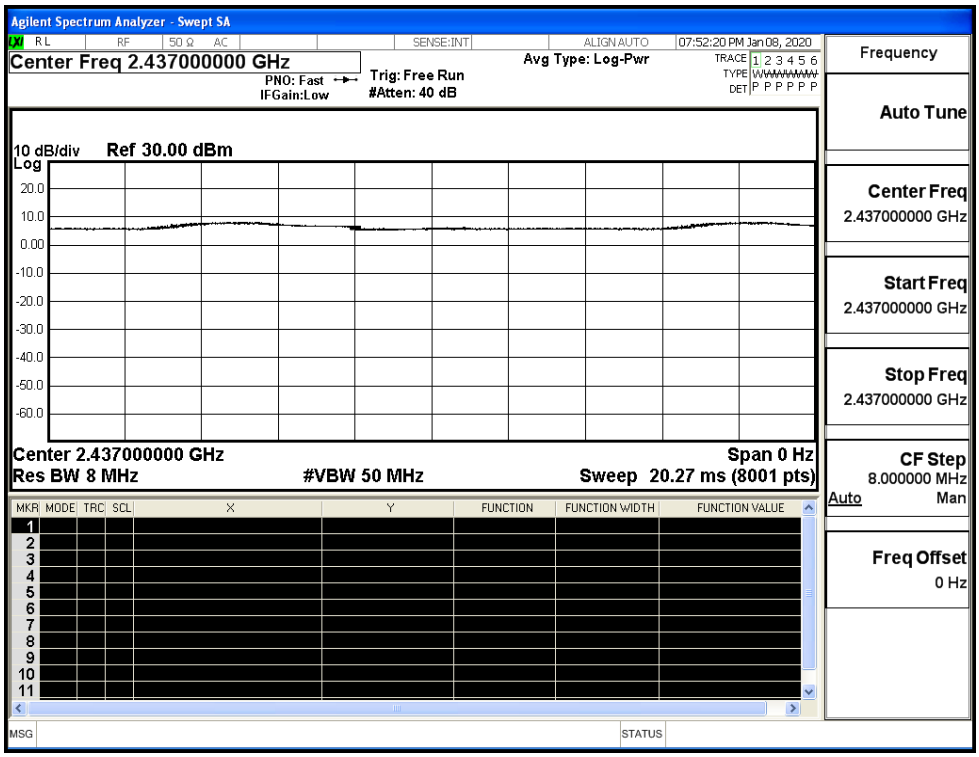
Duty Cycle_11N20_2437_Ant_0



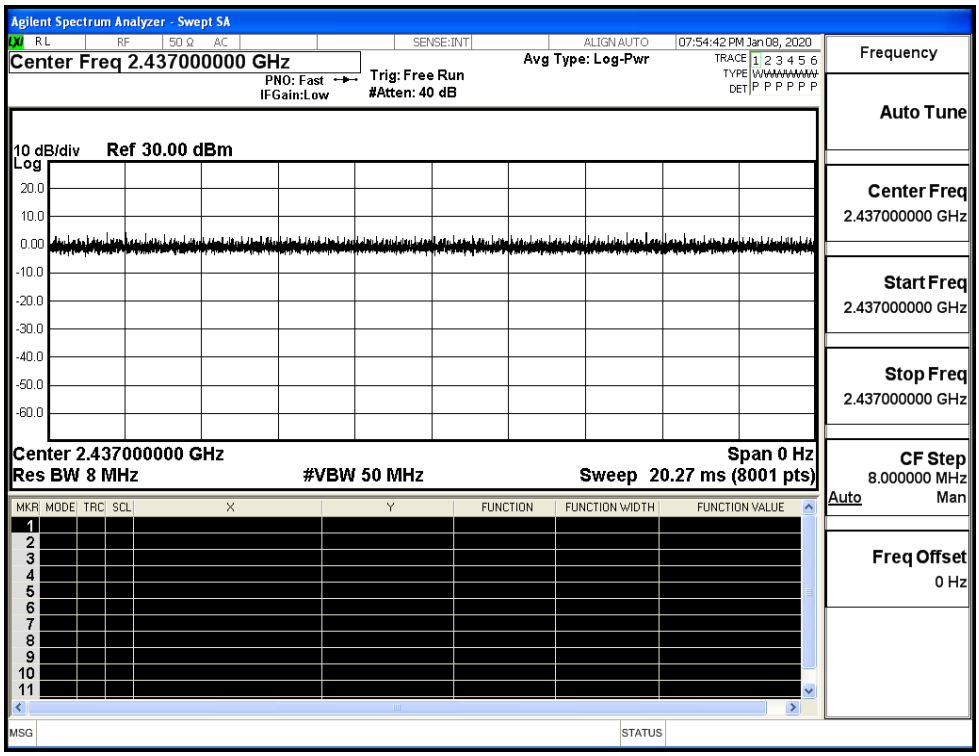
Duty Cycle_11N40_2437_Ant_0



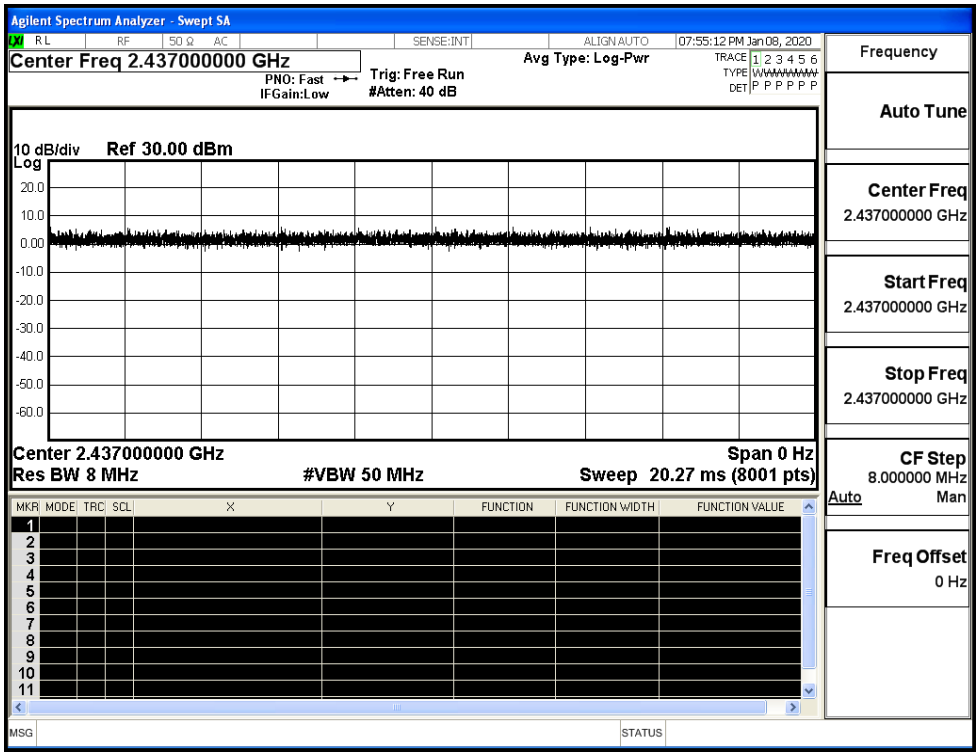
Duty Cycle_11B_2437_Ant_1



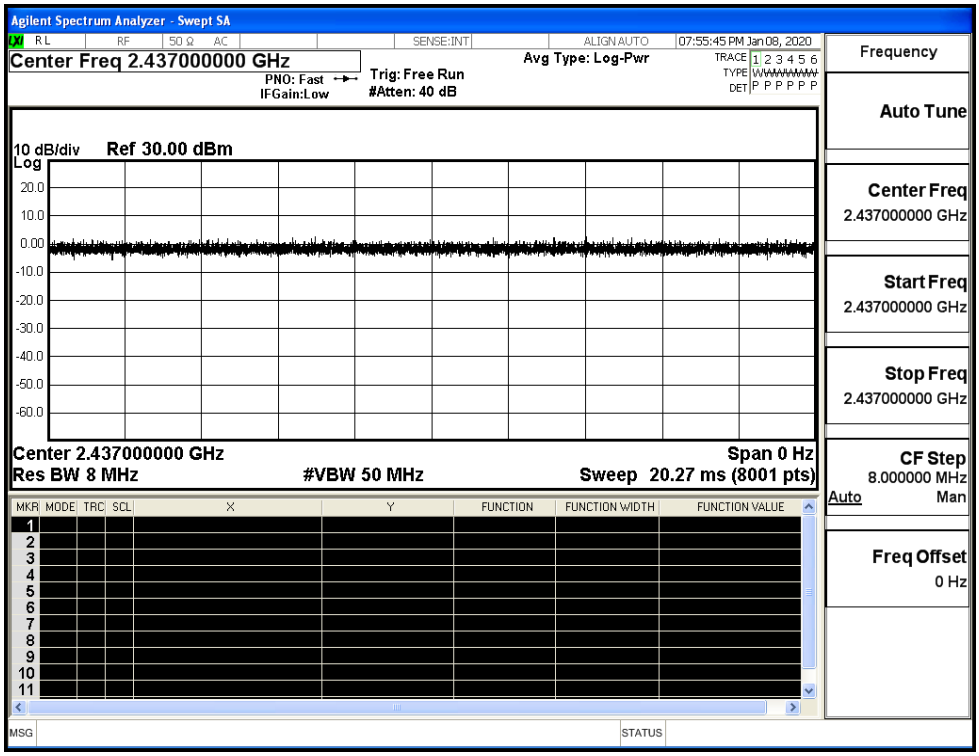
Duty Cycle_11G_2437_Ant_1



Duty Cycle_11N20_2437_Ant_1



Duty Cycle_11N40_2437_Ant_1



A.2 Maximum Conducted Output Power

Mode	Channel	Meas. Level [dBm]			Limit [dBm]	Verdict
		Ant_0	Ant_1	Sum		
11B	LCH	12.76	12.7	/	30	PASS
	MCH	13	12.53	/	30	PASS
	HCH	12.23	11.19	/	30	PASS
11G	LCH	11.88	11.86	/	30	PASS
	MCH	12.09	11.66	/	30	PASS
	HCH	11.81	10.78	/	30	PASS
11N20	LCH	12.05	12.07	15.07	27.99	PASS
	MCH	12.72	12.26	15.51	27.99	PASS
	HCH	12.45	11.53	15.02	27.99	PASS
11N40	LCH	11.54	11.63	14.60	27.99	PASS
	MCH	11.82	11.51	14.68	27.99	PASS
	HCH	11.85	11.95	14.91	27.99	PASS

A.3 Maximum Power Spectral Density

Ant_0

Mode	Channel	Meas.Level [dBm/30KHz]	Convert Factor	Result [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-5.090	-10	-15.090	8	PASS
	MCH	-4.864	-10	-14.864	8	PASS
	HCH	-5.634	-10	-15.634	8	PASS
11G	LCH	-12.703	-10	-22.703	8	PASS
	MCH	-12.441	-10	-22.441	8	PASS
	HCH	-12.918	-10	-22.918	8	PASS
11N20	LCH	-12.872	-10	-22.872	8	PASS
	MCH	-12.305	-10	-22.305	8	PASS
	HCH	-12.424	-10	-22.424	8	PASS
11N40	LCH	-16.173	-10	-26.173	8	PASS
	MCH	-15.883	-10	-25.883	8	PASS
	HCH	-15.565	-10	-25.565	8	PASS

***Note: The Convert Factor = 10*log(3KHz/30KHz) = -10

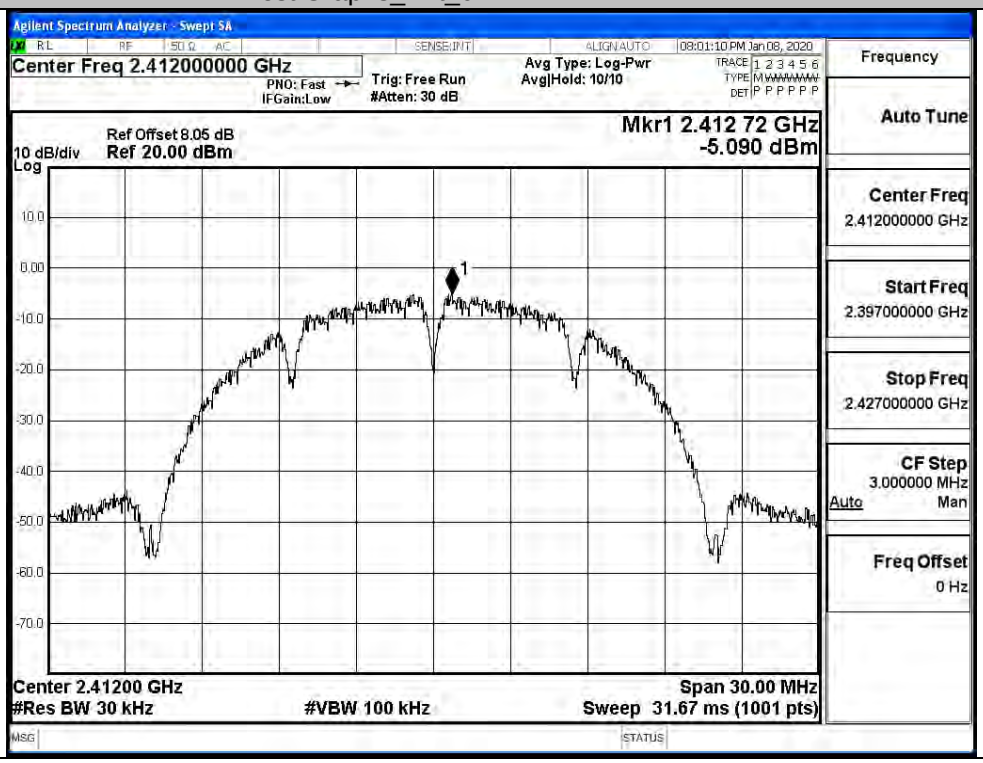
Ant_1

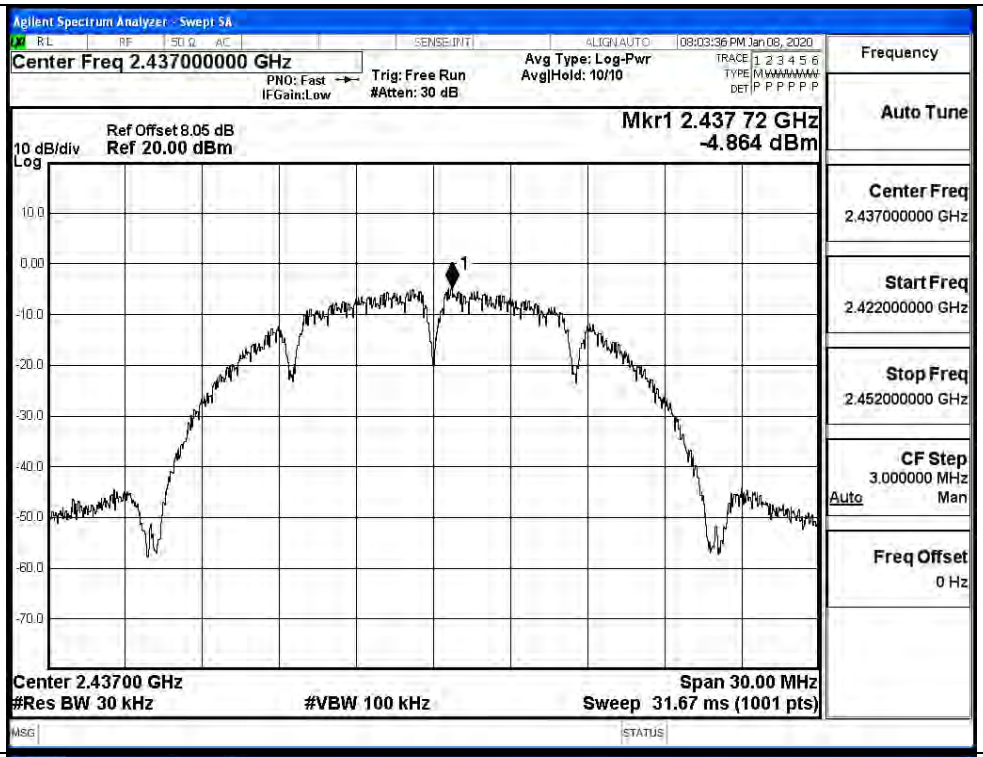
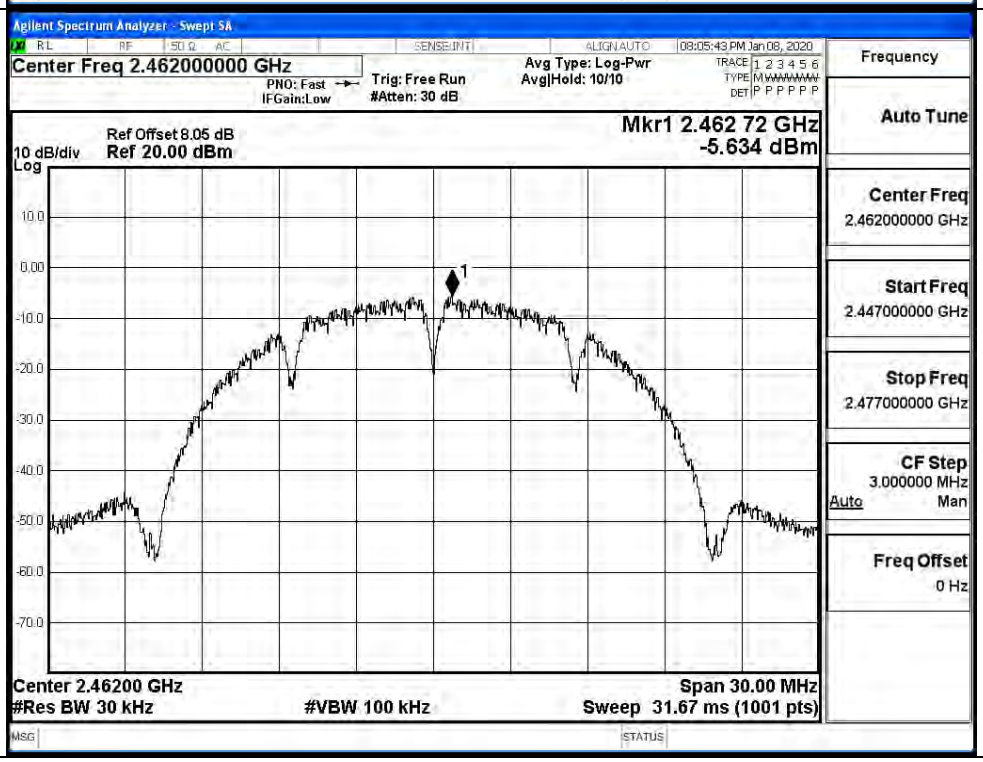
Mode	Channel	Meas.Level [dBm/30KHz]	Convert Factor	Result [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-5.173	-10	-15.173	8	PASS
	MCH	-5.330	-10	-15.330	8	PASS
	HCH	-6.670	-10	-16.670	8	PASS
11G	LCH	-10.461	-10	-20.461	8	PASS
	MCH	-12.904	-10	-22.904	8	PASS
	HCH	-13.935	-10	-23.935	8	PASS
11N20	LCH	-12.754	-10	-22.754	8	PASS
	MCH	-12.673	-10	-22.673	8	PASS
	HCH	-13.529	-10	-23.529	8	PASS
11N40	LCH	-16.134	-10	-26.134	8	PASS
	MCH	-16.331	-10	-26.331	8	PASS
	HCH	-15.911	-10	-25.911	8	PASS

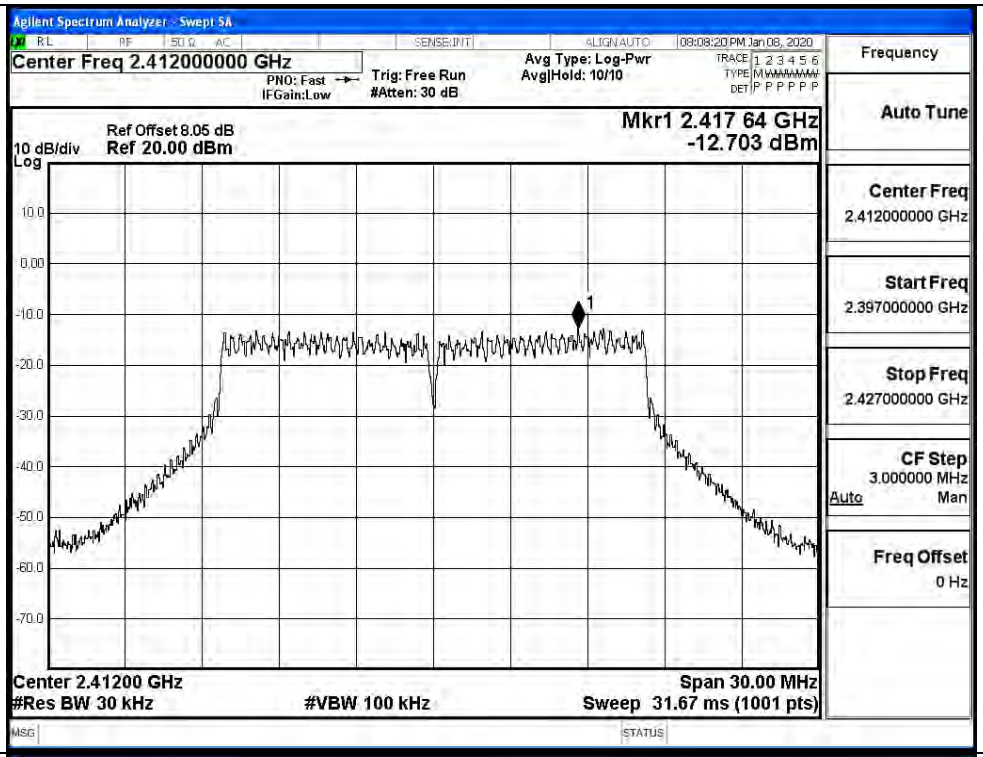
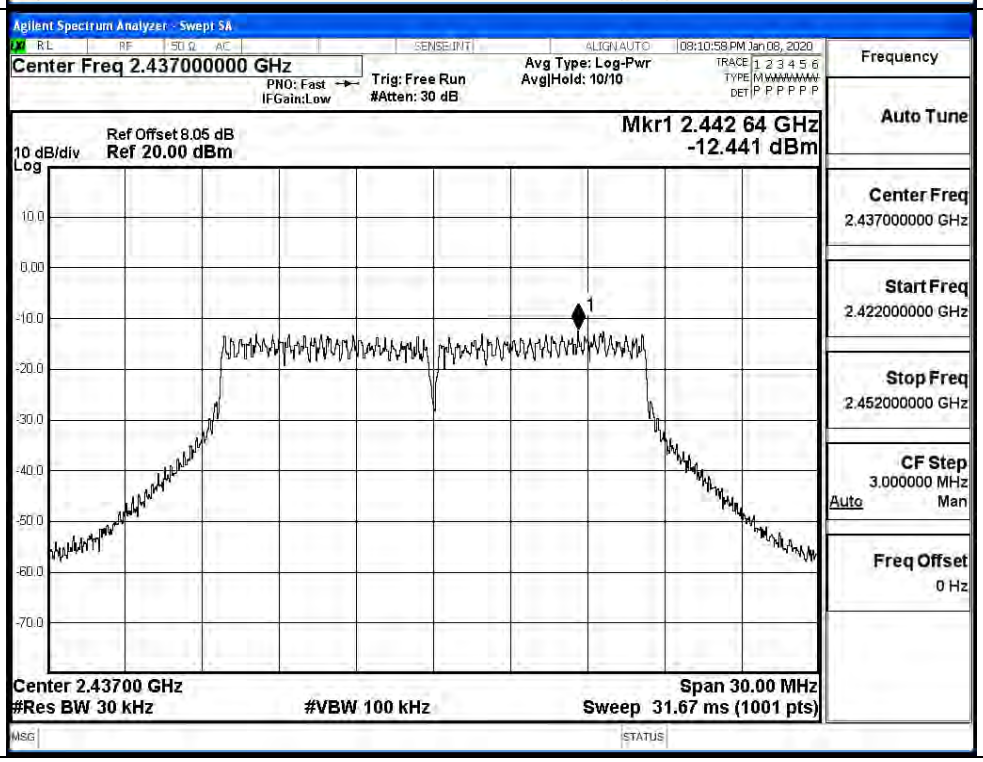
***Note: The Convert Factor = 10*log(3KHz/30KHz) = -10

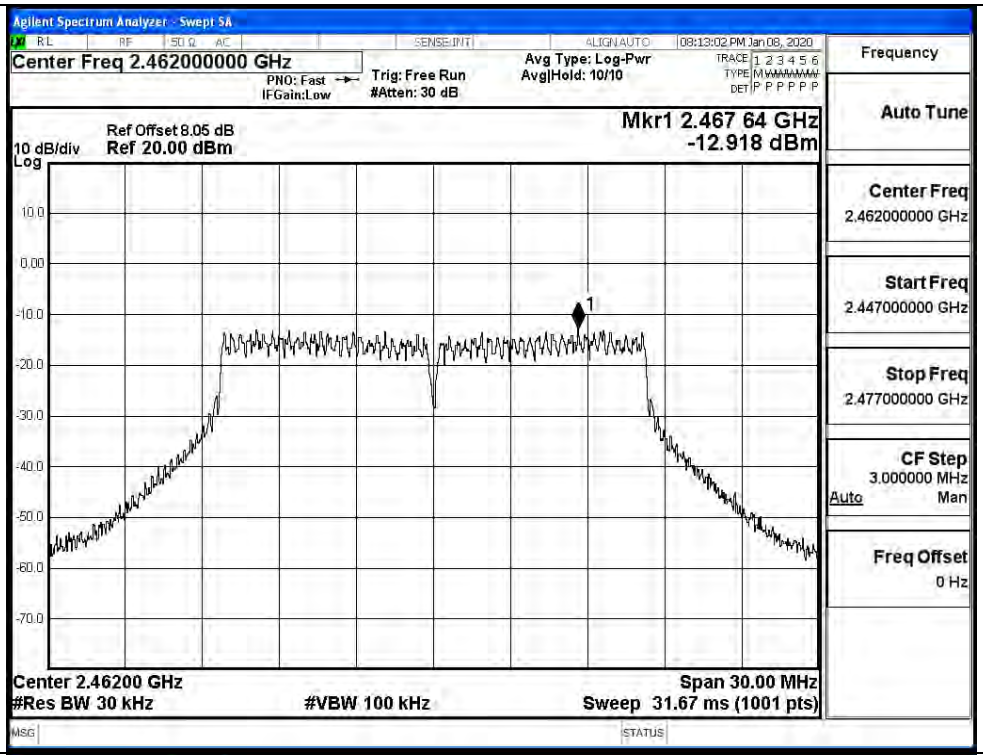
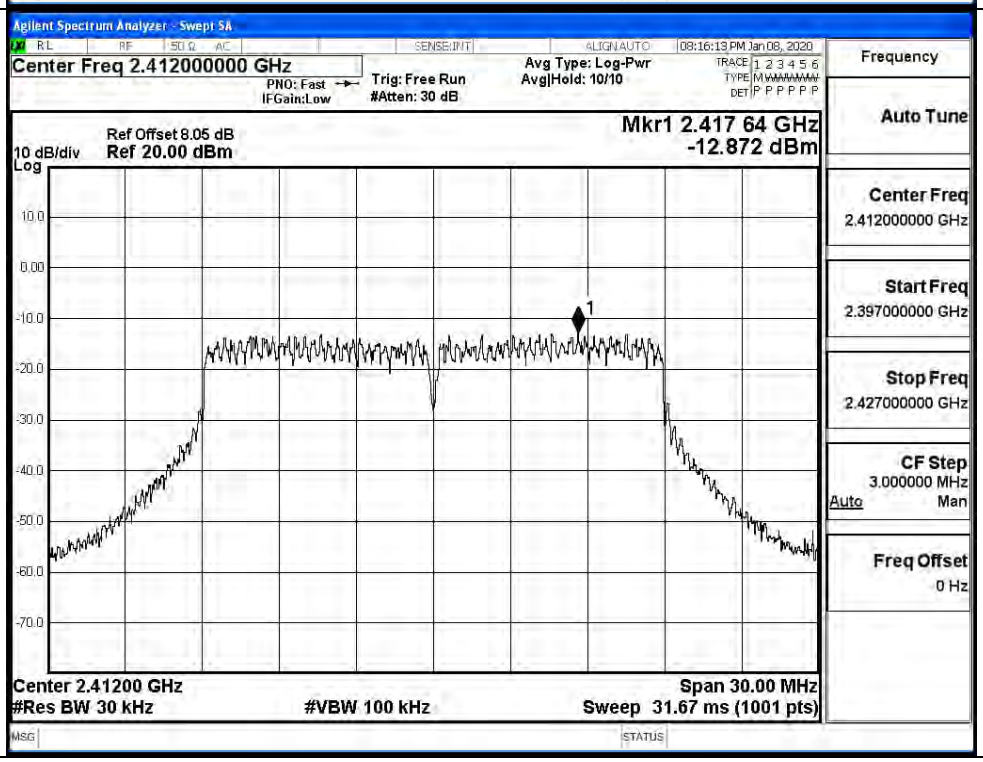
Combined Ant_0 and Ant_1

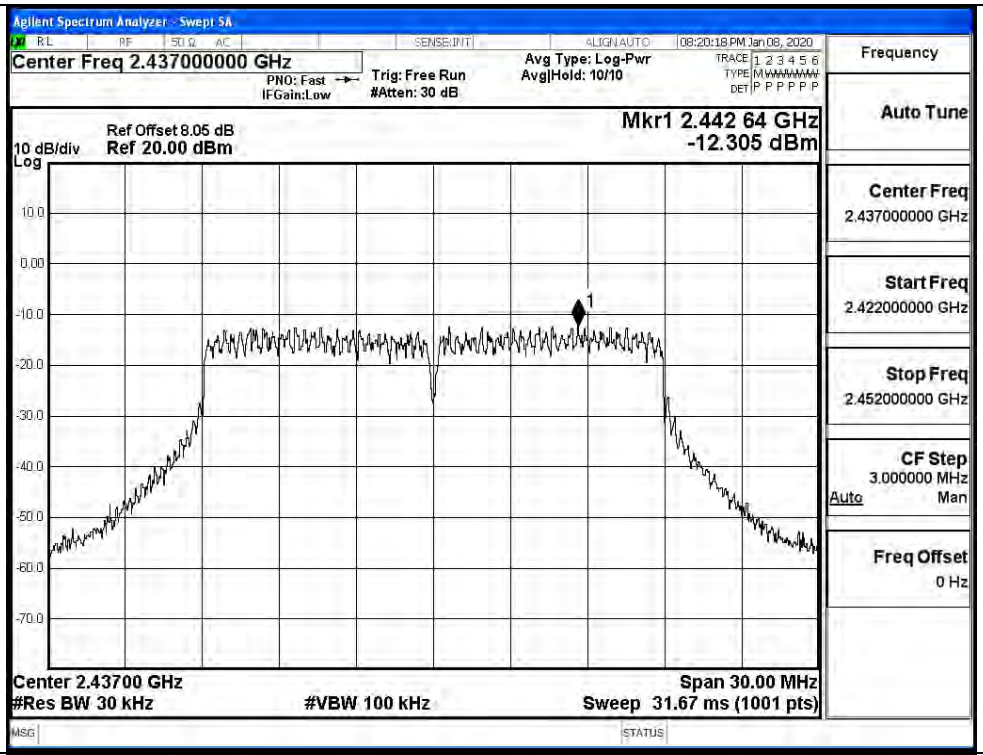
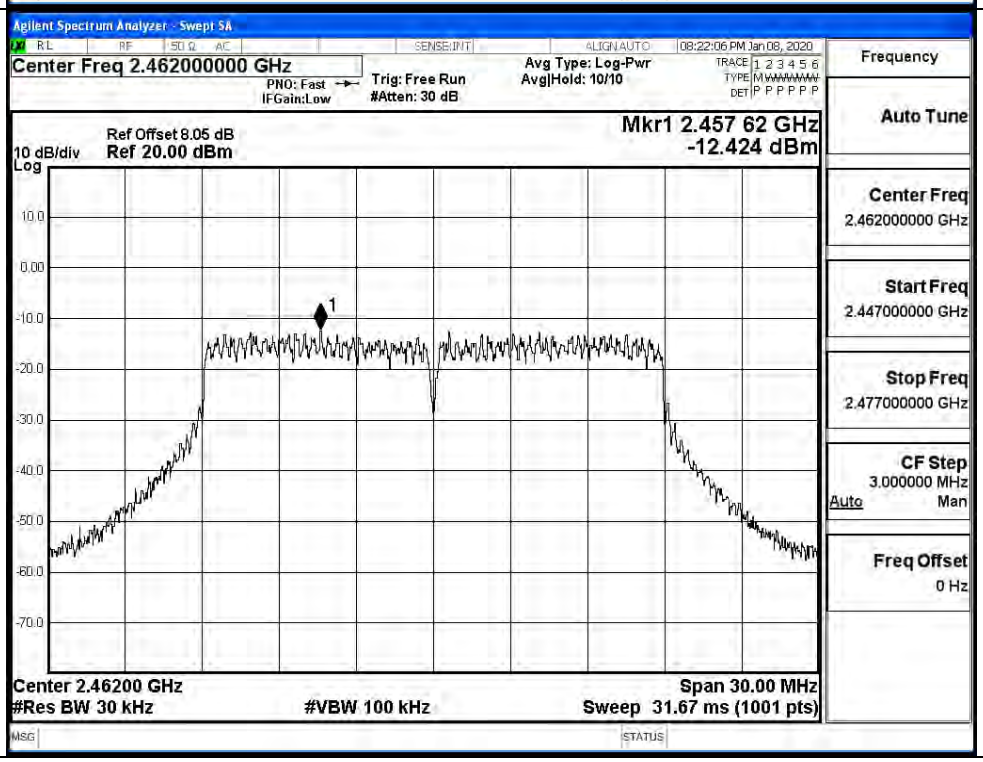
Mode	Channel	Result [dBm/3KHz]			Limit [dBm/3KHz]	Verdict
		Ant_0	Ant_1	Sum		
11N20	LCH	-22.872	-22.754	-19.802	5.99	PASS
	MCH	-22.305	-22.673	-19.475	5.99	PASS
	HCH	-22.424	-23.529	-19.931	5.99	PASS
11N40	LCH	-26.173	-26.134	-23.143	5.99	PASS
	MCH	-25.883	-26.331	-23.091	5.99	PASS
	HCH	-25.565	-25.911	-22.724	5.99	PASS

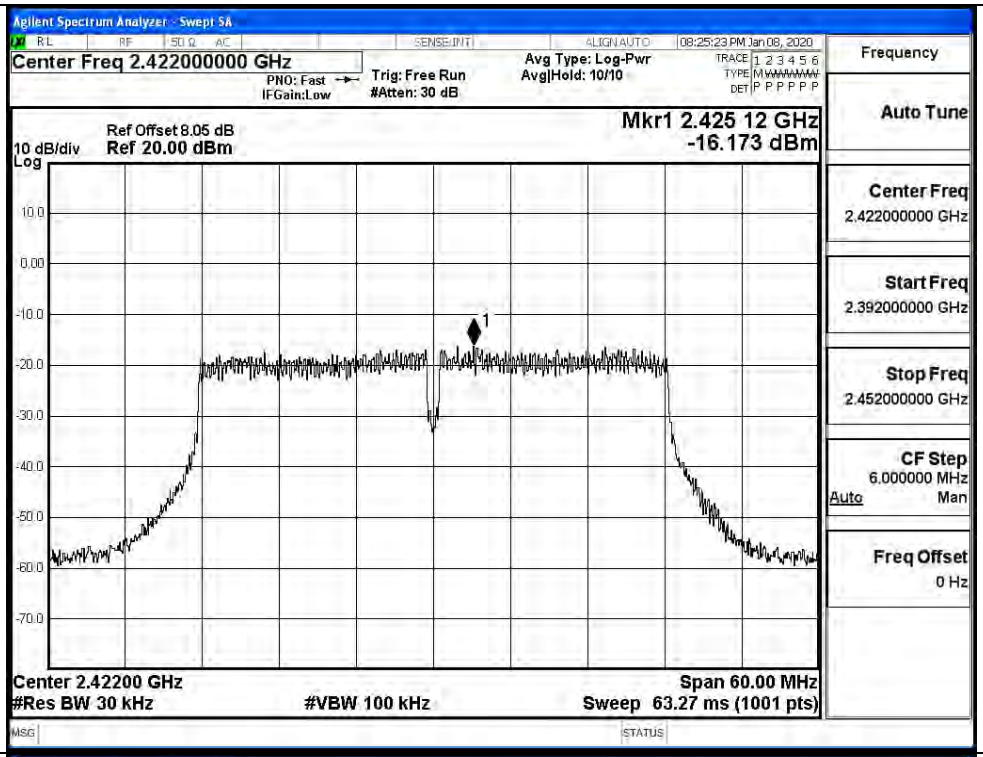
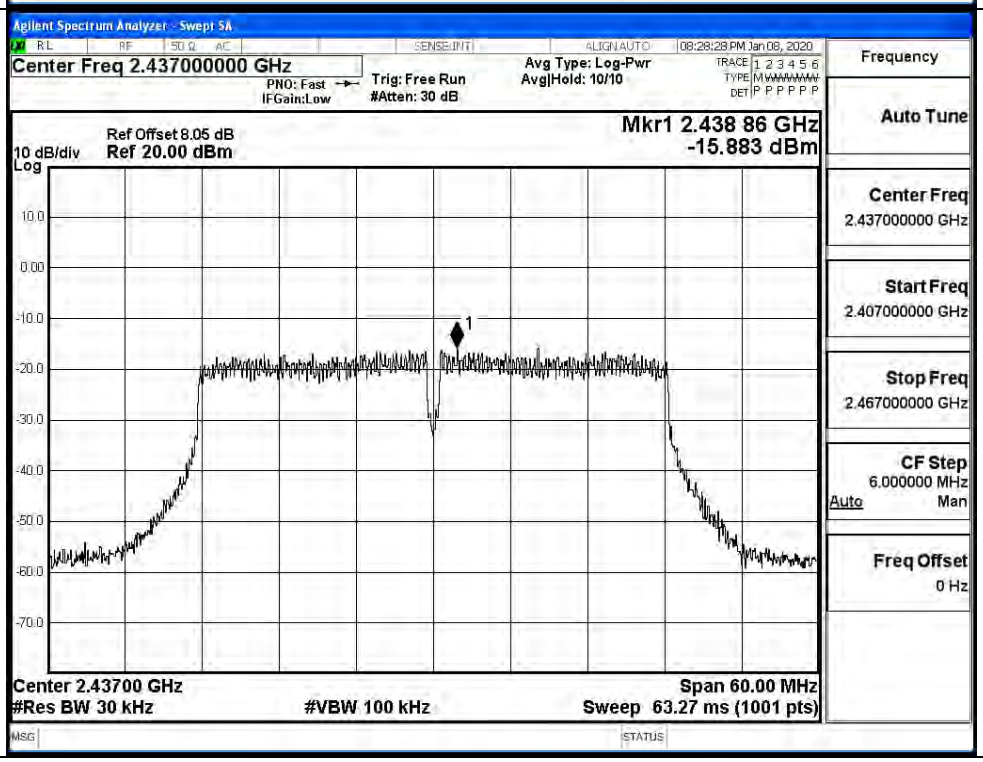
Test Graphs_Ant_0	
11B/LCH	

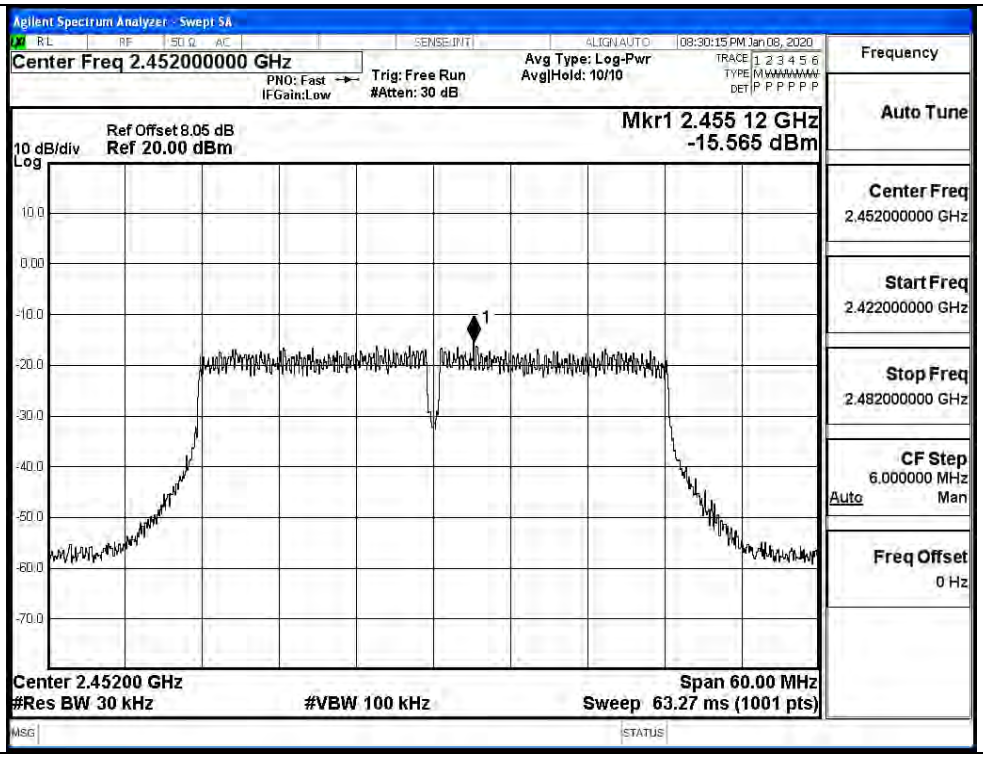
11B/MCH		
11B/HCH		

11G/LCH		
11G/MCH		

11G/HCH		
11N20/LCH		

11N20/MCH		
11N20/HCH		

11N40/LCH		
11N40/MCH		

11N40/HCH		

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
08:30:15 PM Jan 08, 2020
Ref Offset 8.05 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.455 12 GHz
-15.565 dBm
Center 2.45200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 60.00 MHz
Sweep 63.27 ms (1001 pts)
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.422000000 GHz
Stop Freq
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CF Step
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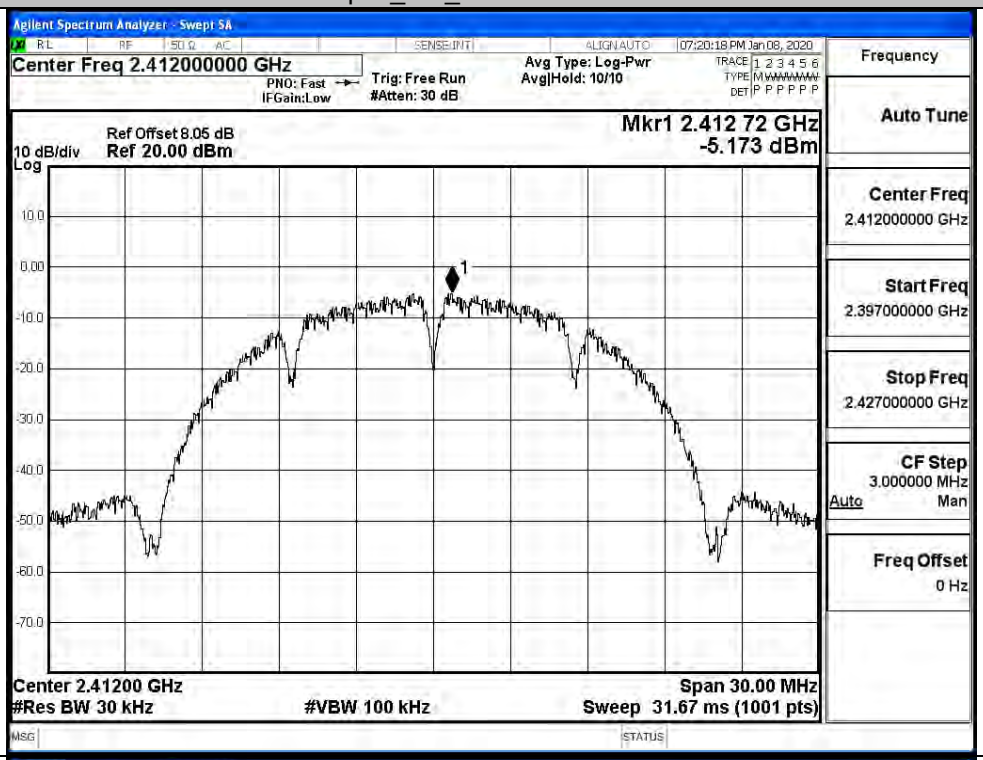
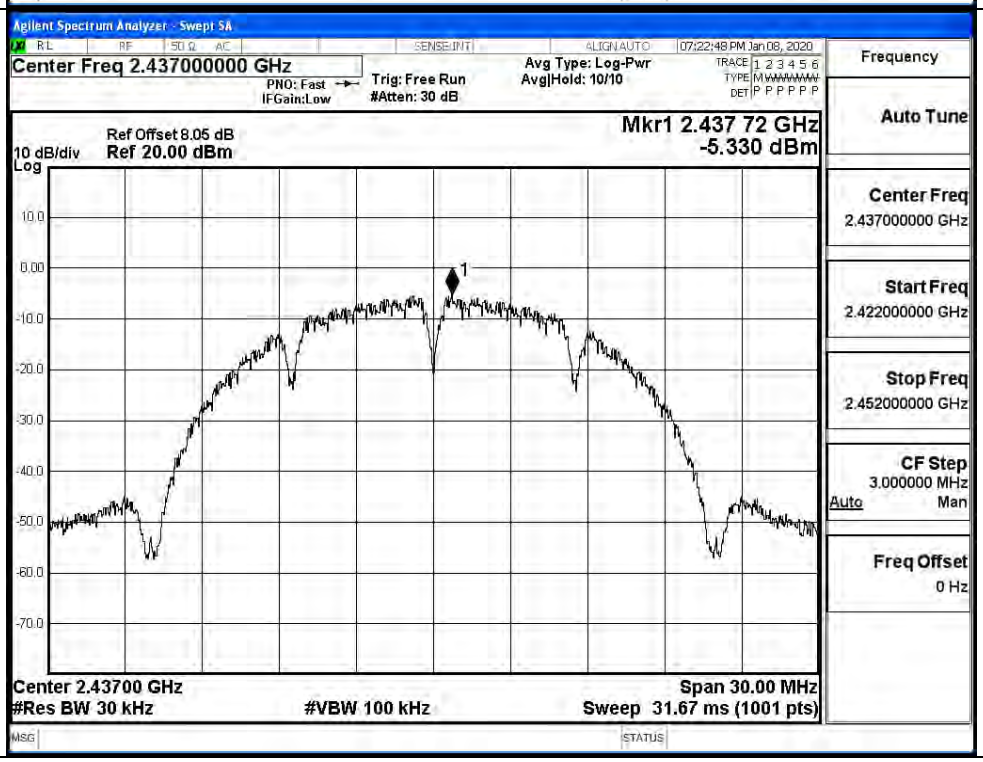
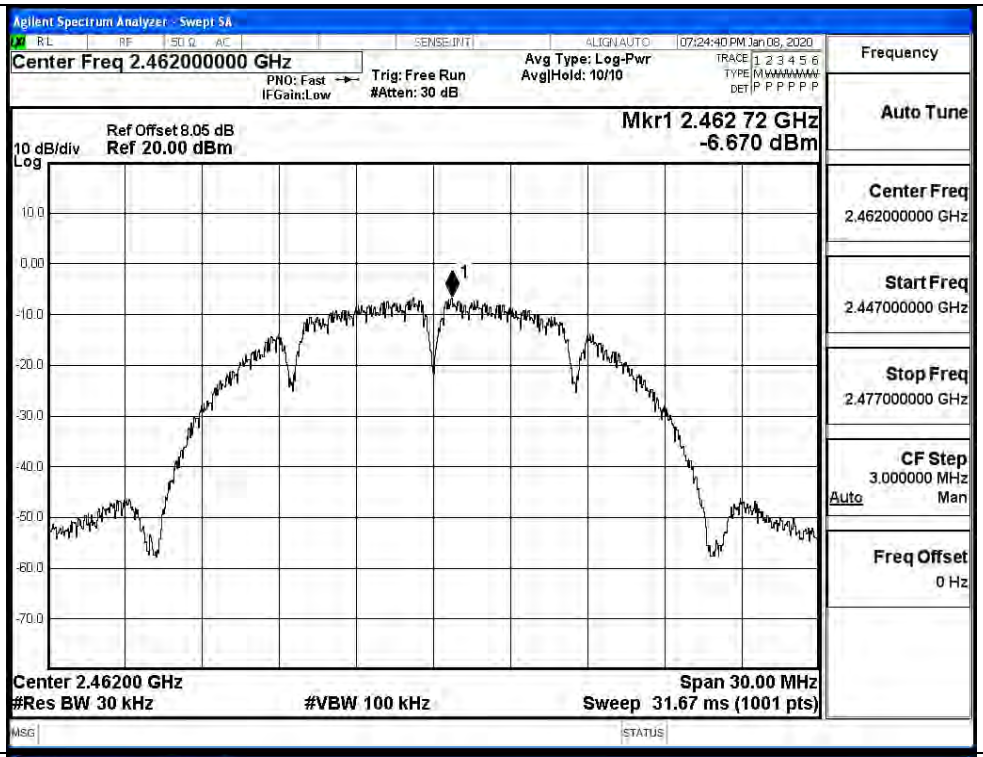
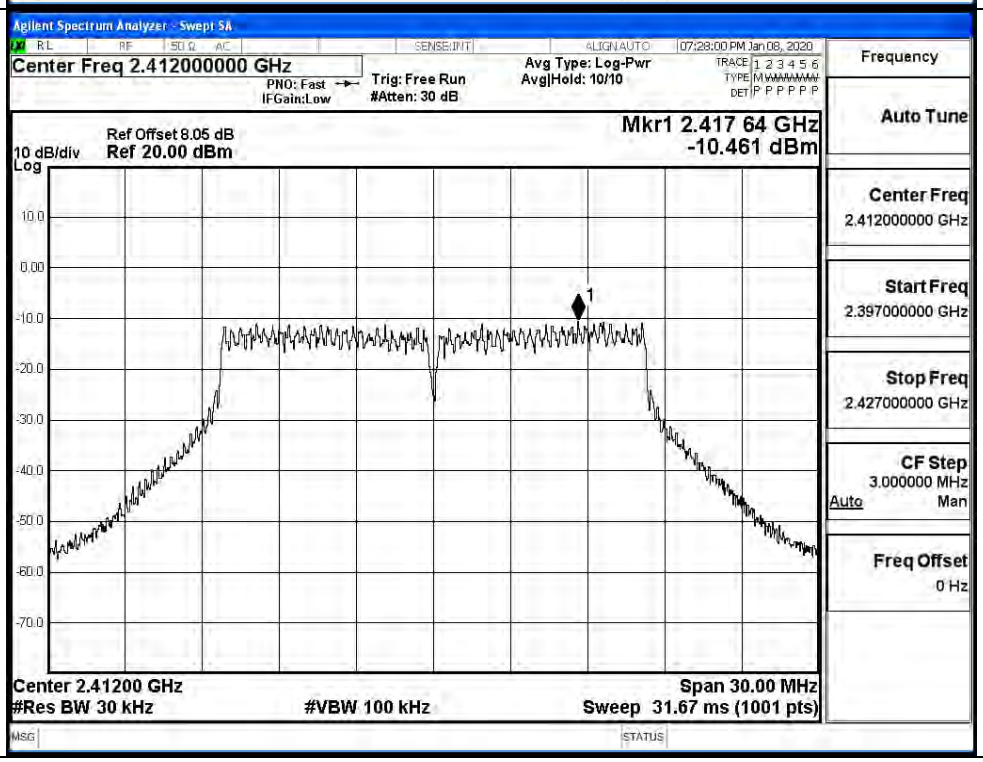
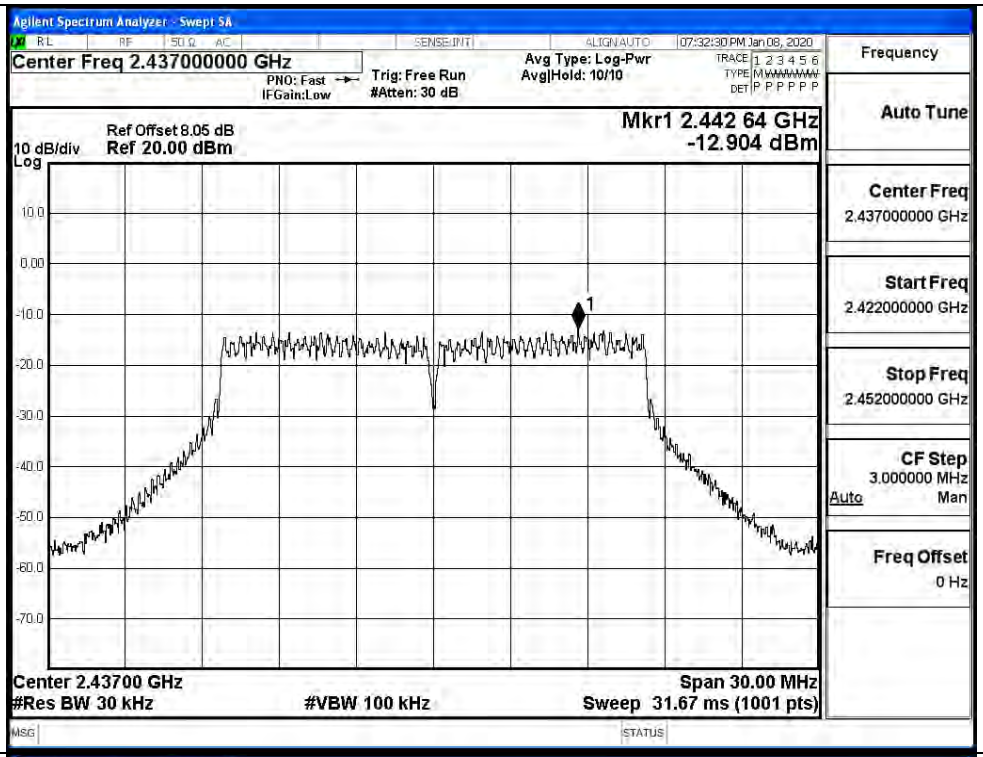
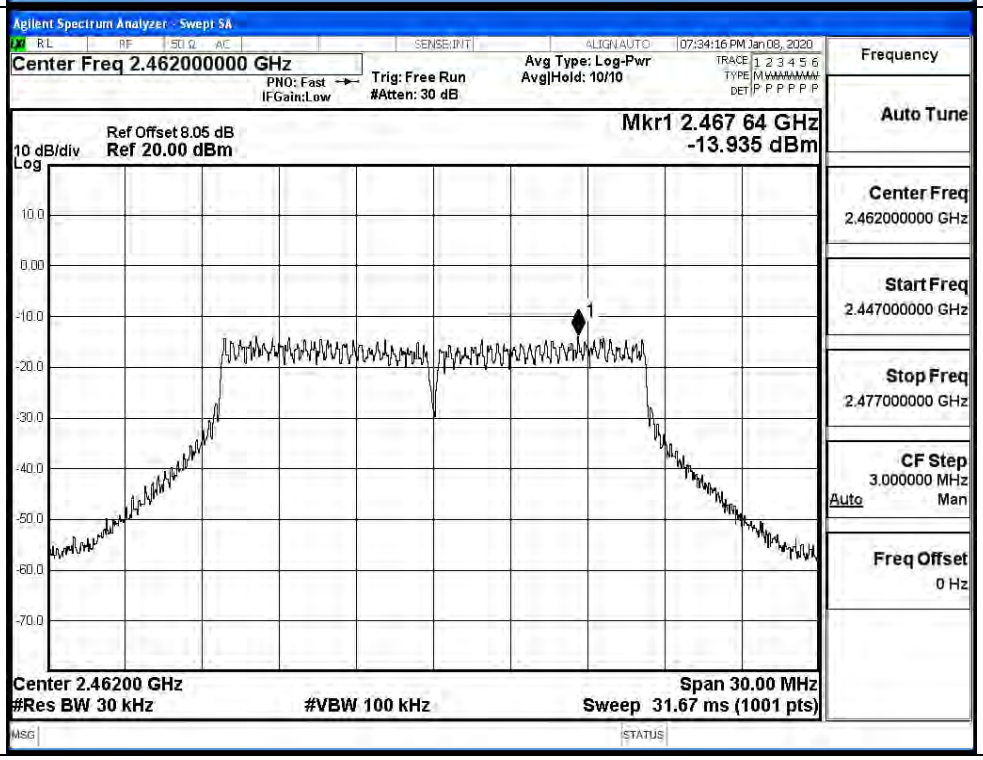
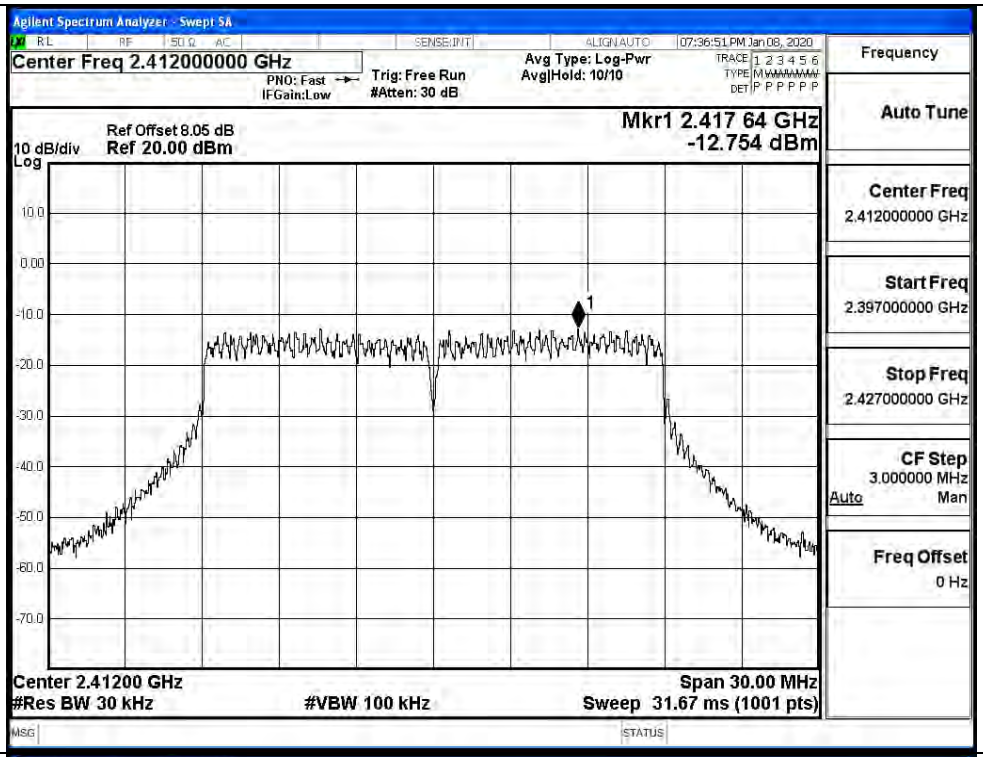
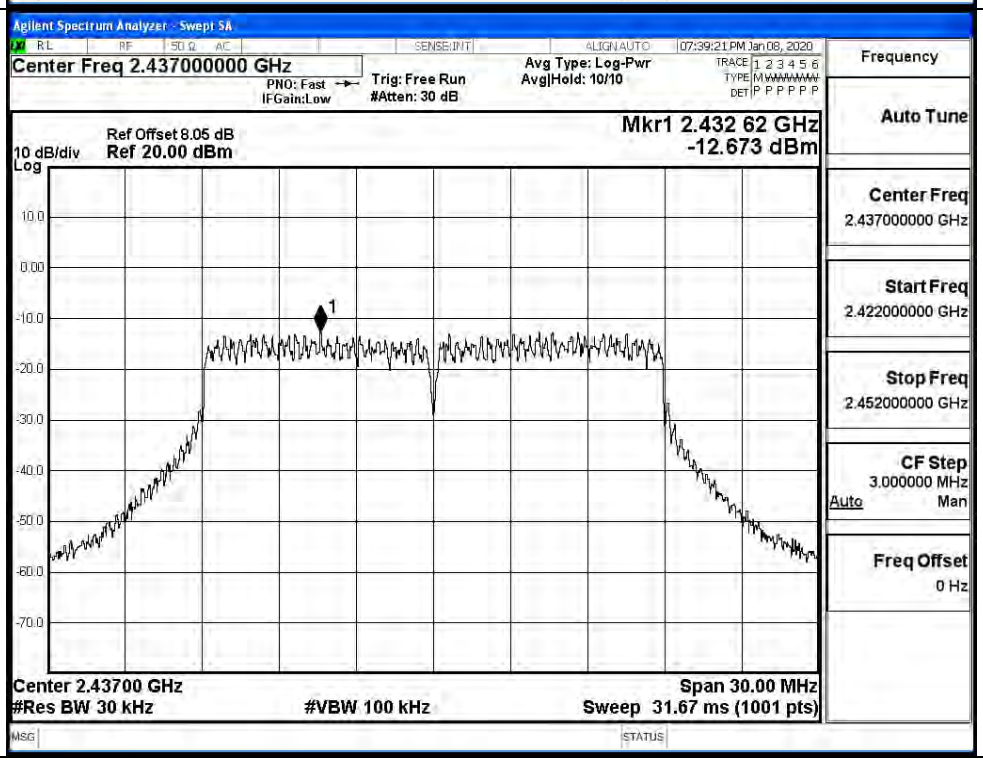
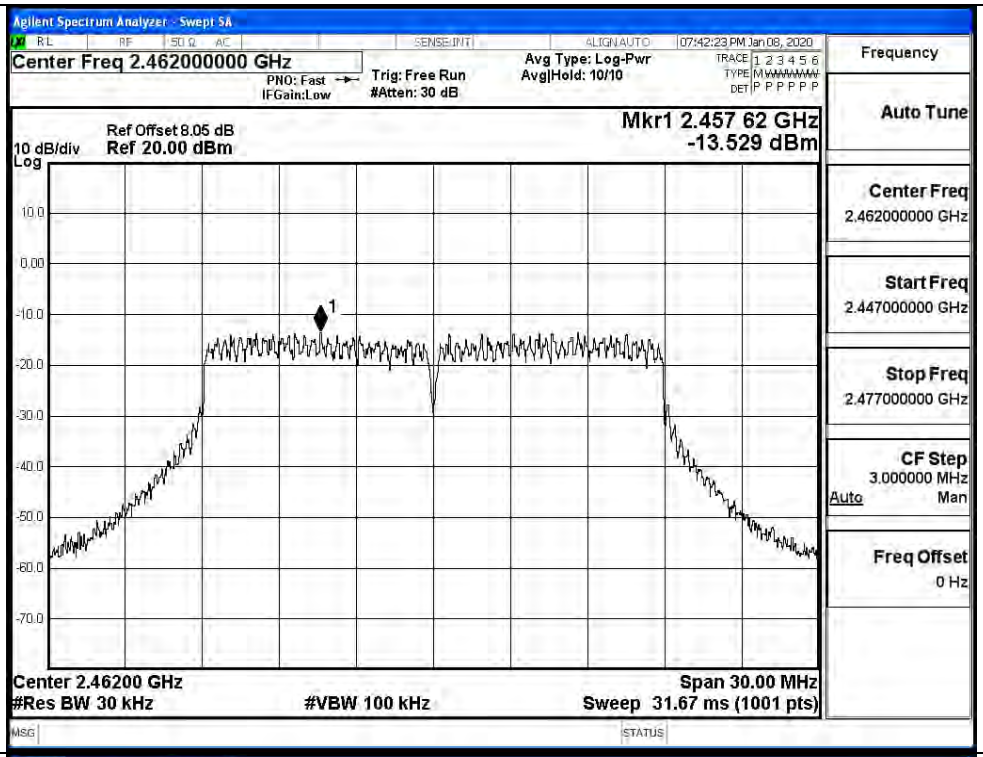
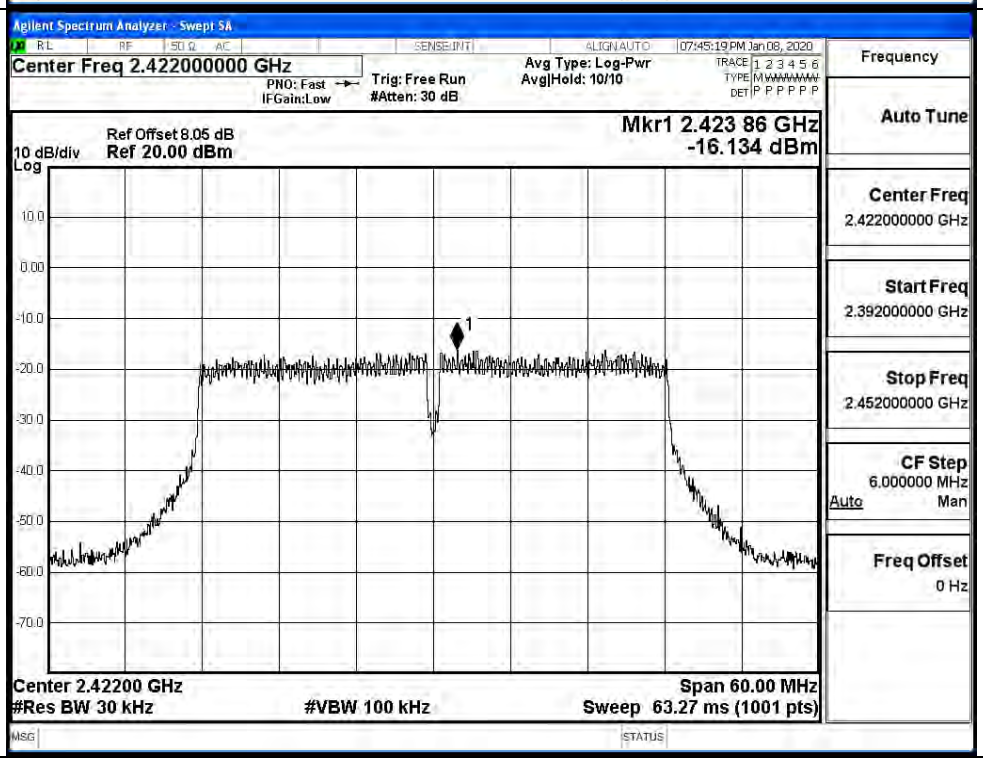
Auto
Man
Freq Offset
0 Hz

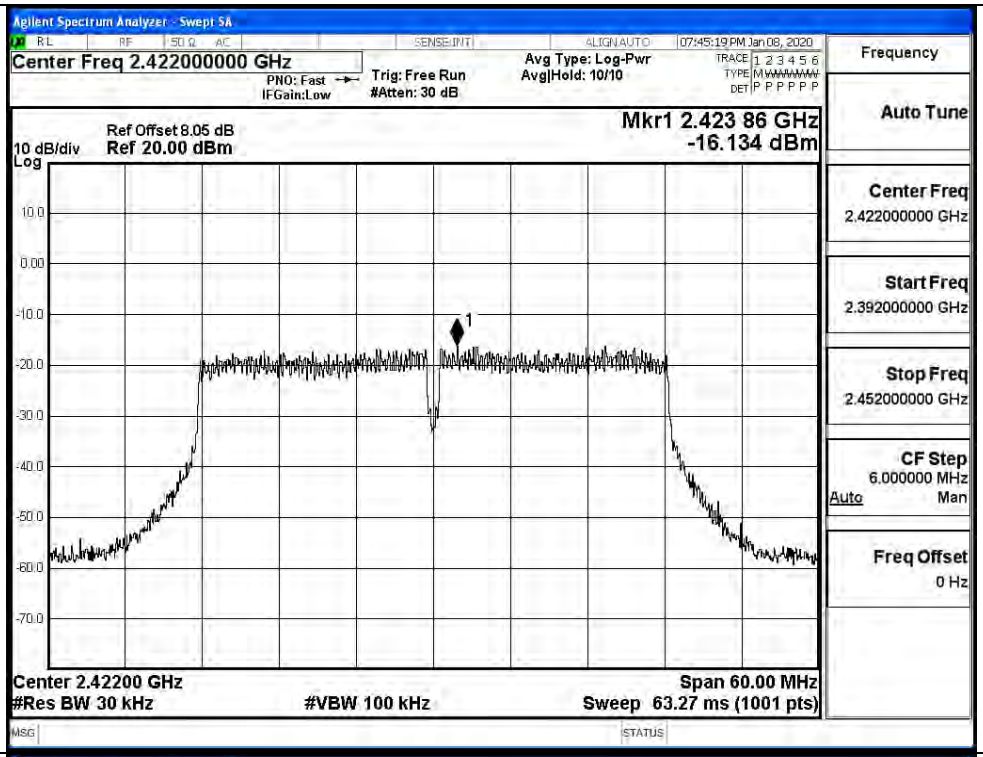
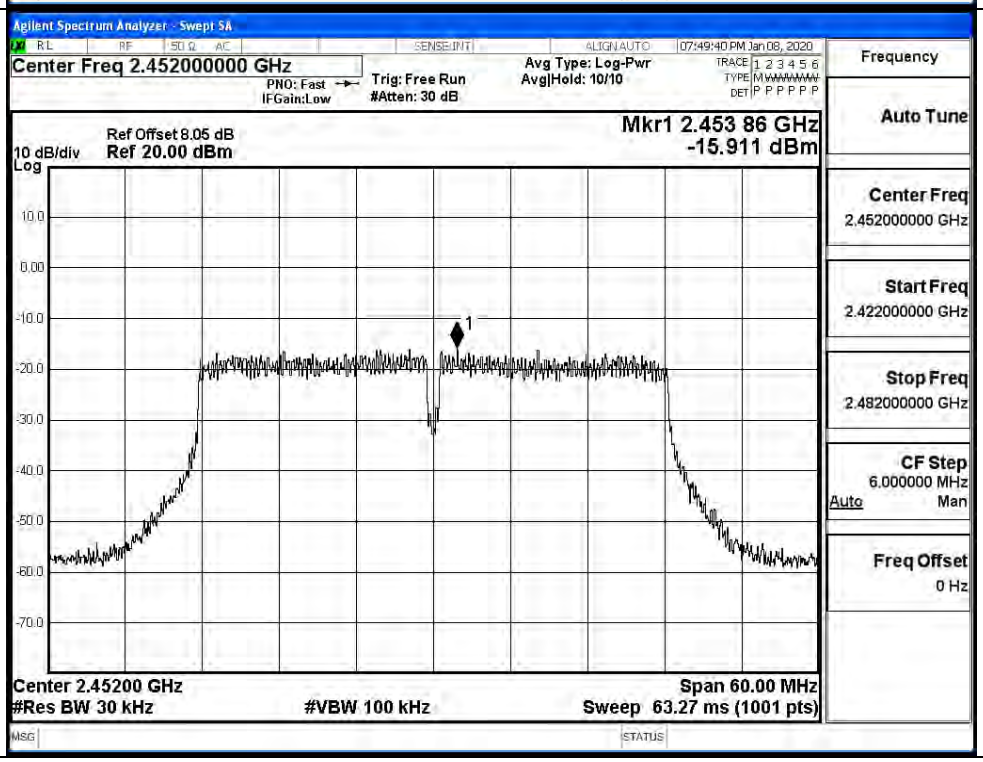
Test Graphs_Ant_1		
11B/LCH		
11B/MCH		

11B/HCH		
11G/LCH		

11G/MCH		
11G/HCH		

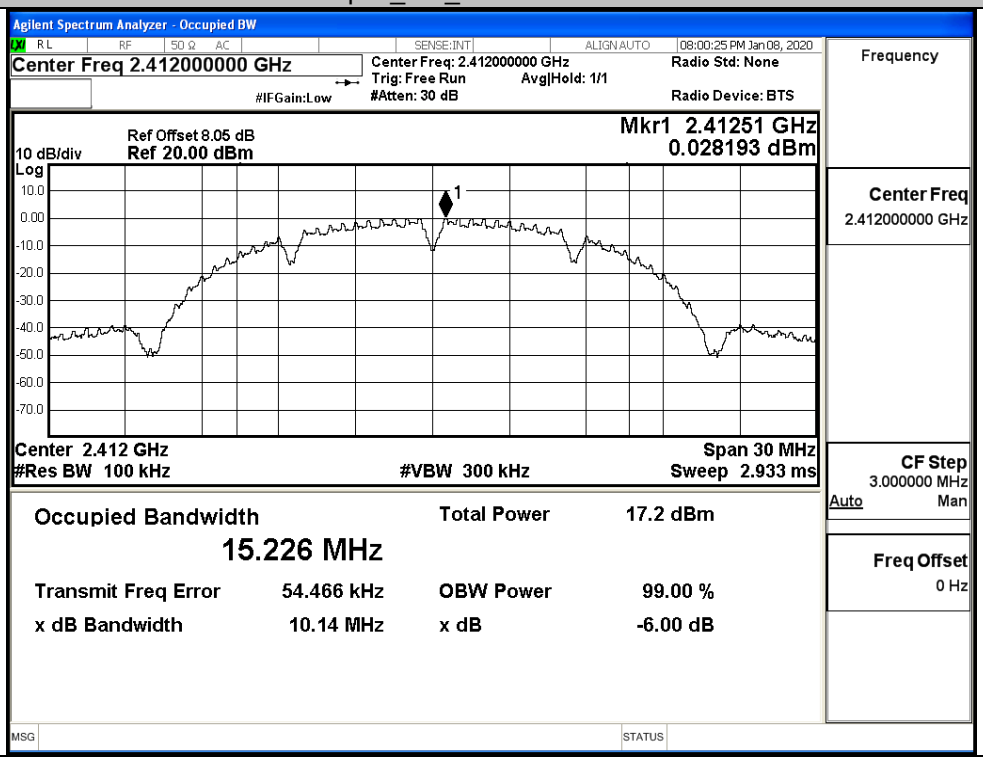
11N20/LCH		
11N20/MCH		

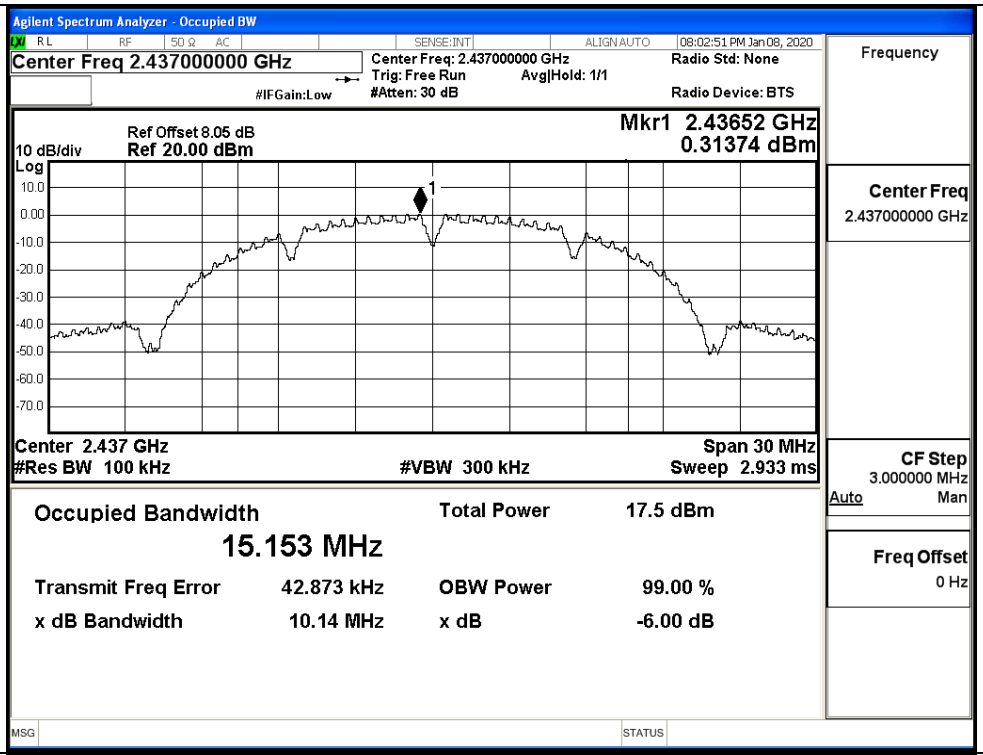
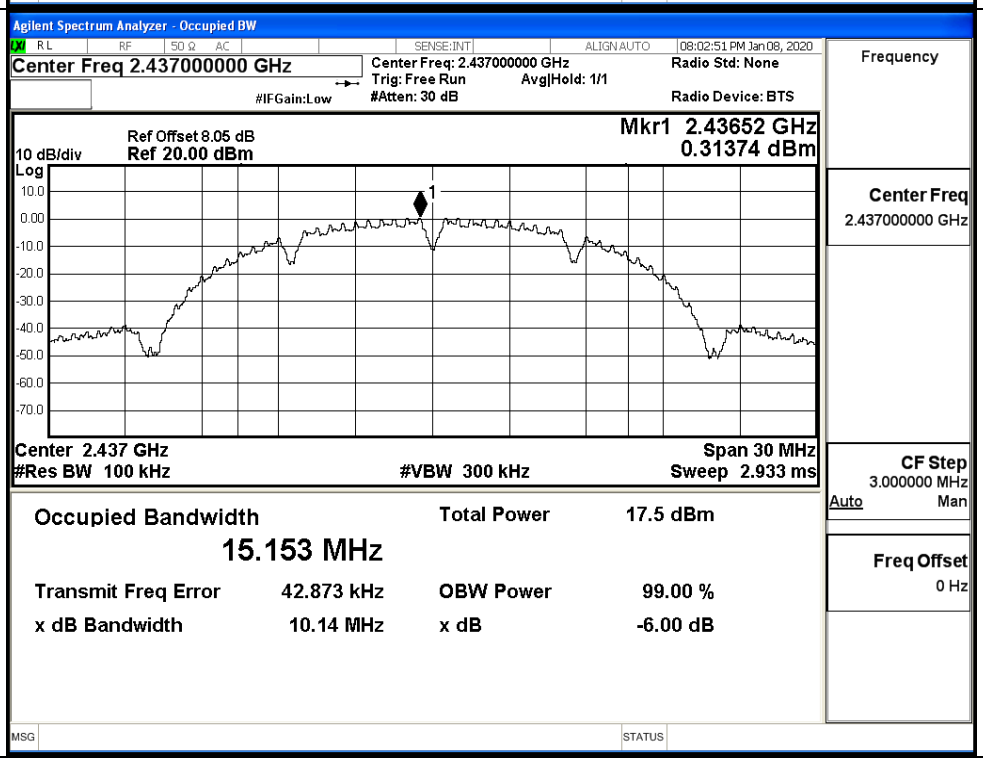
11N20/HCH		
11N40/LCH		

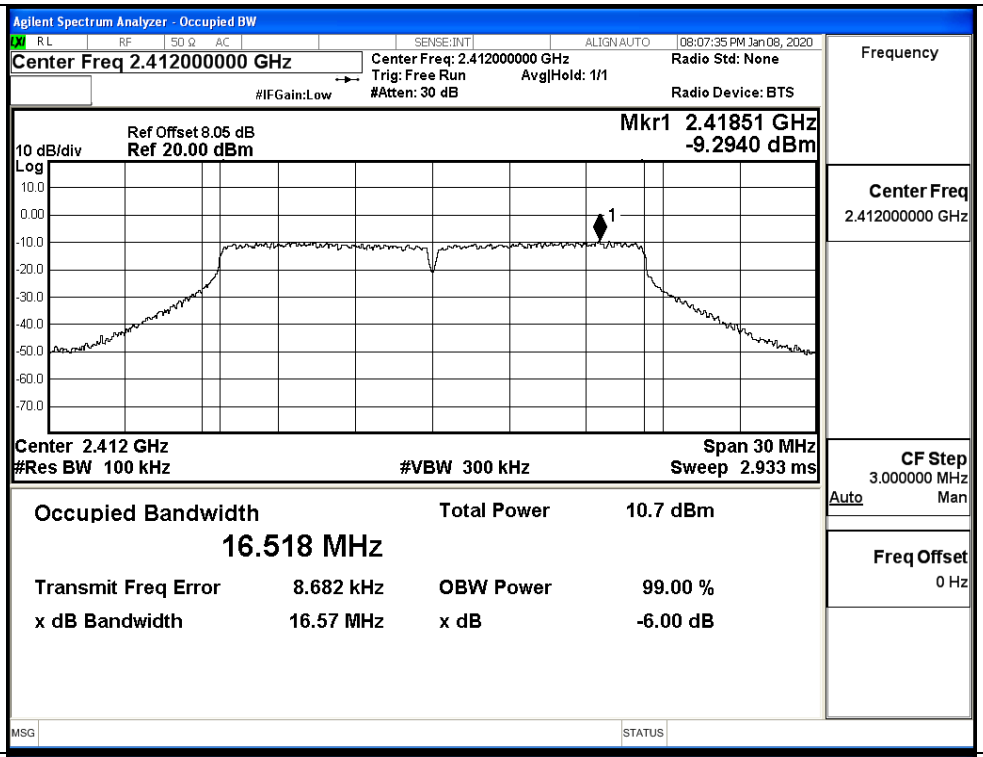
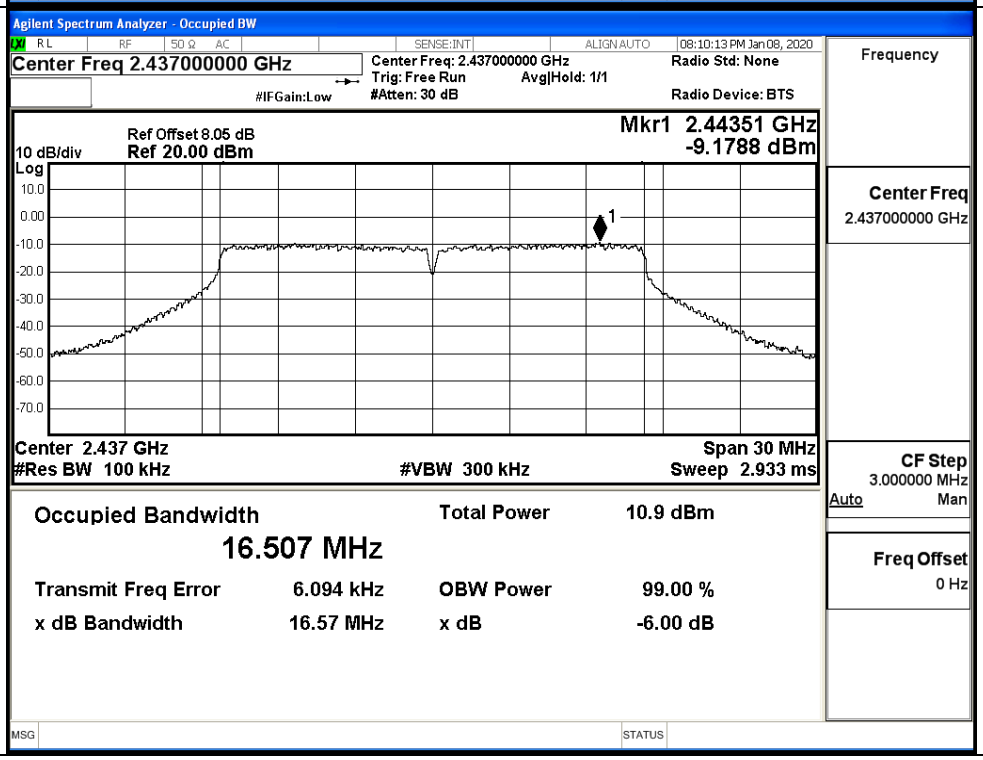
11N40/MCH		
11N40/HCH		

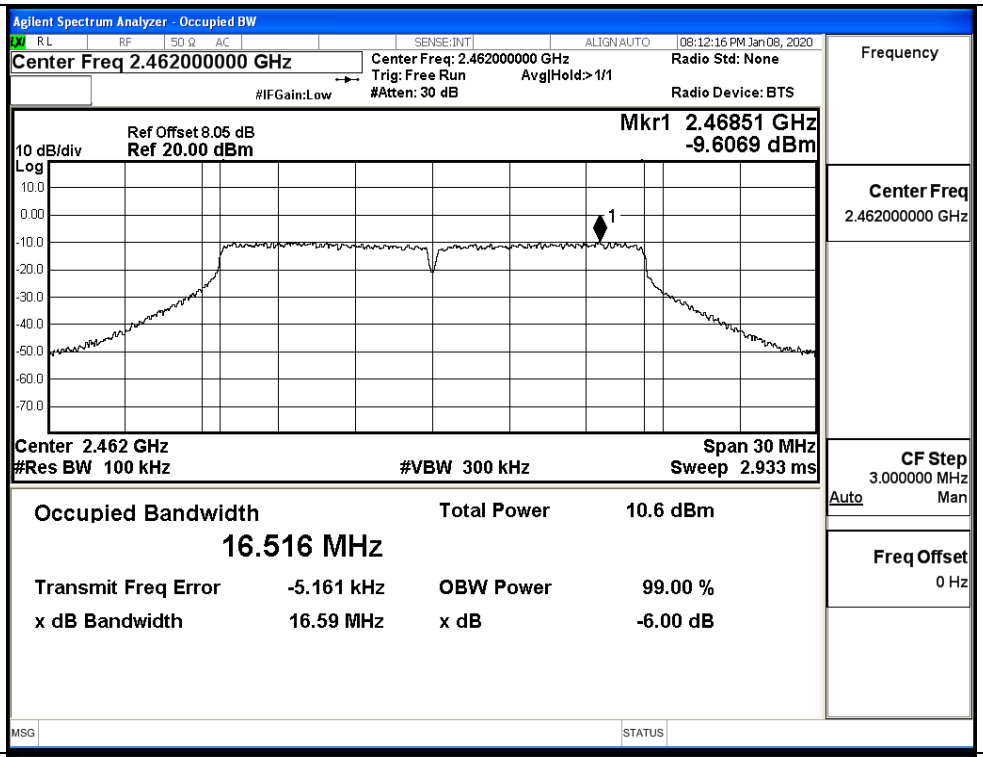
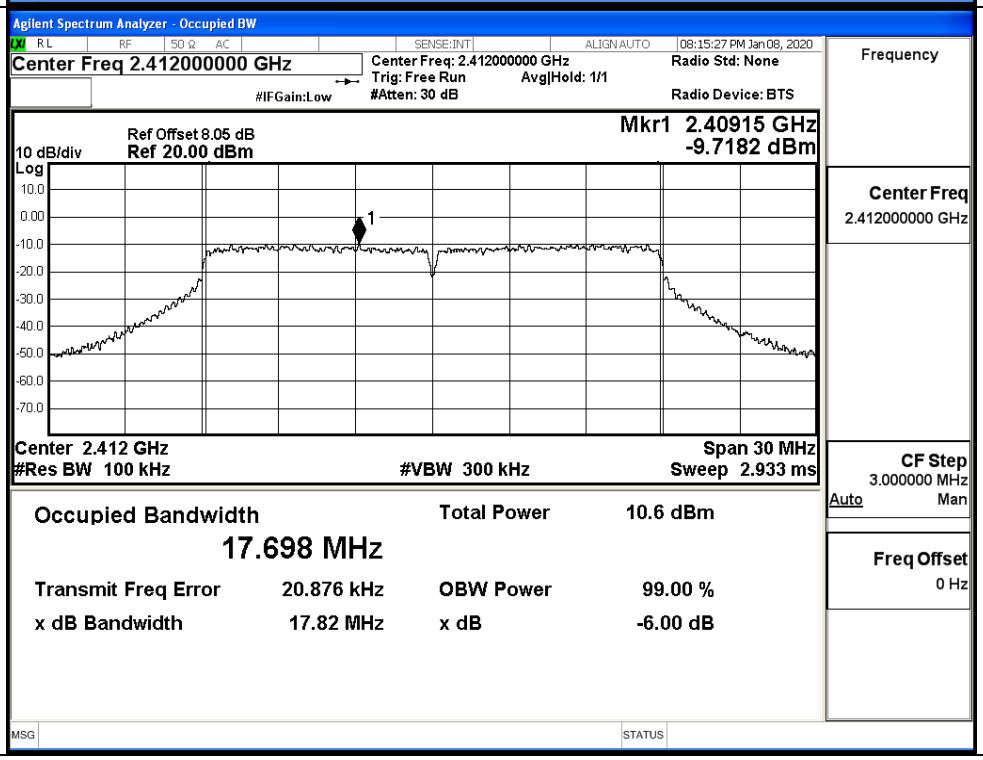
A.4 6dB Bandwidth

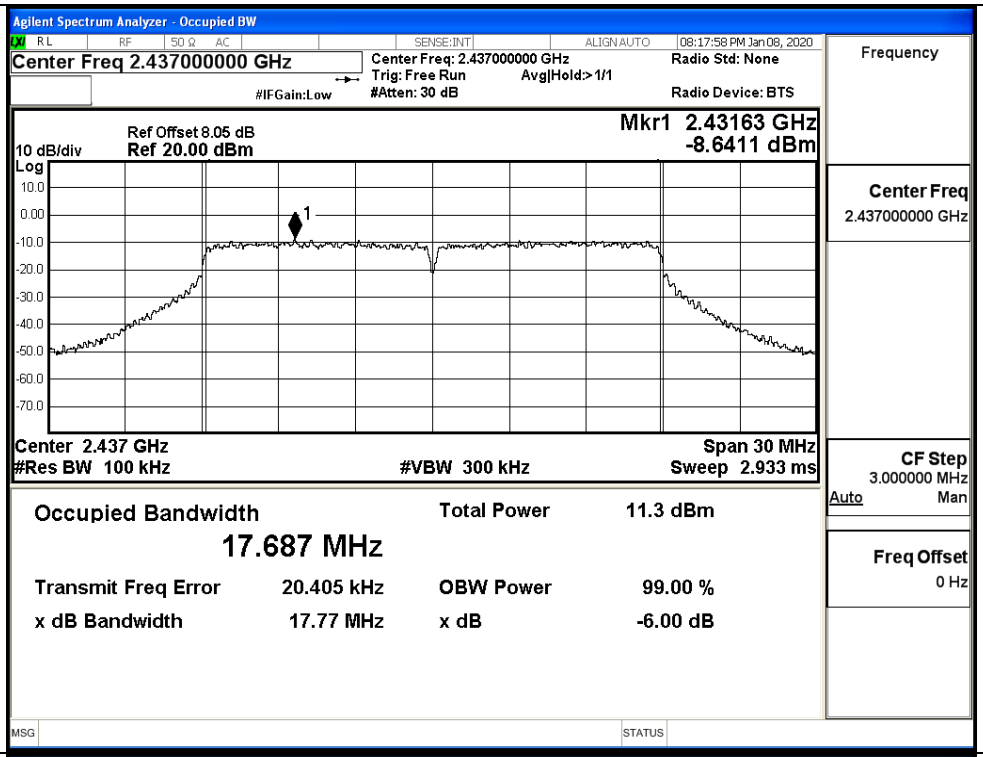
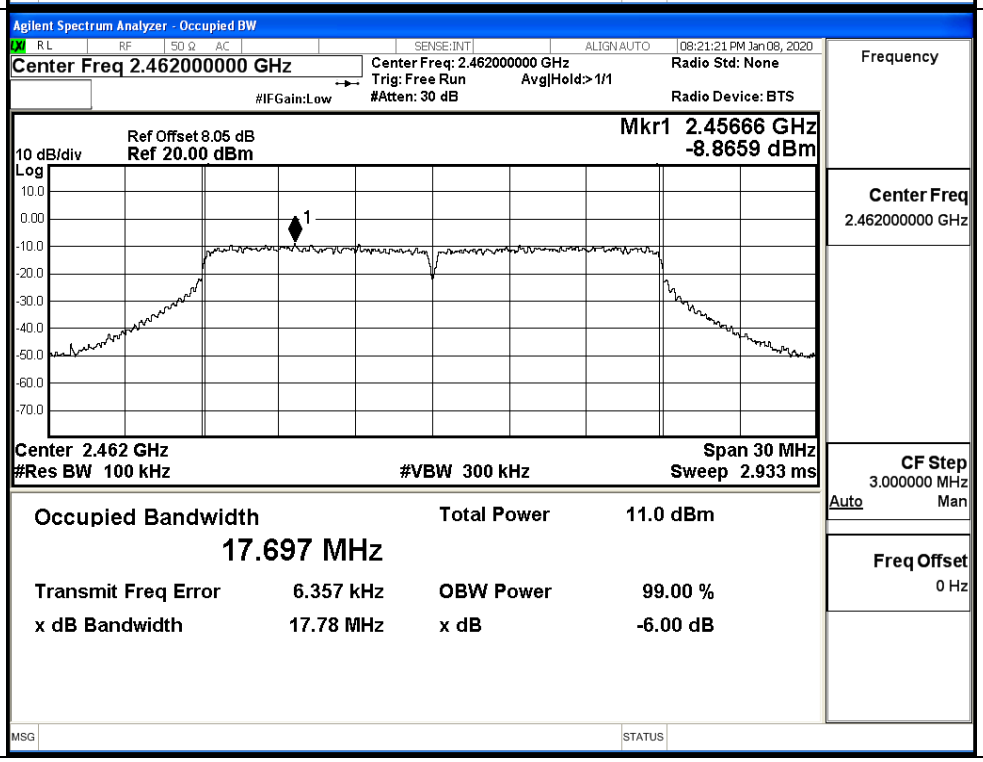
Mode	Channel	6dB Bandwidth [MHz]		Limit [MHz]	Verdict
		Ant_0	Ant_1		
11B	LCH	10.14	10.14	⩾0.5	PASS
	MCH	10.14	10.13	⩾0.5	PASS
	HCH	10.14	10.14	⩾0.5	PASS
11G	LCH	16.57	16.57	⩾0.5	PASS
	MCH	16.57	16.56	⩾0.5	PASS
	HCH	16.59	16.59	⩾0.5	PASS
11N20	LCH	17.82	17.82	⩾0.5	PASS
	MCH	17.77	17.82	⩾0.5	PASS
	HCH	17.78	17.80	⩾0.5	PASS
11N40	LCH	36.53	36.52	⩾0.5	PASS
	MCH	36.51	36.52	⩾0.5	PASS
	HCH	36.50	36.51	⩾0.5	PASS

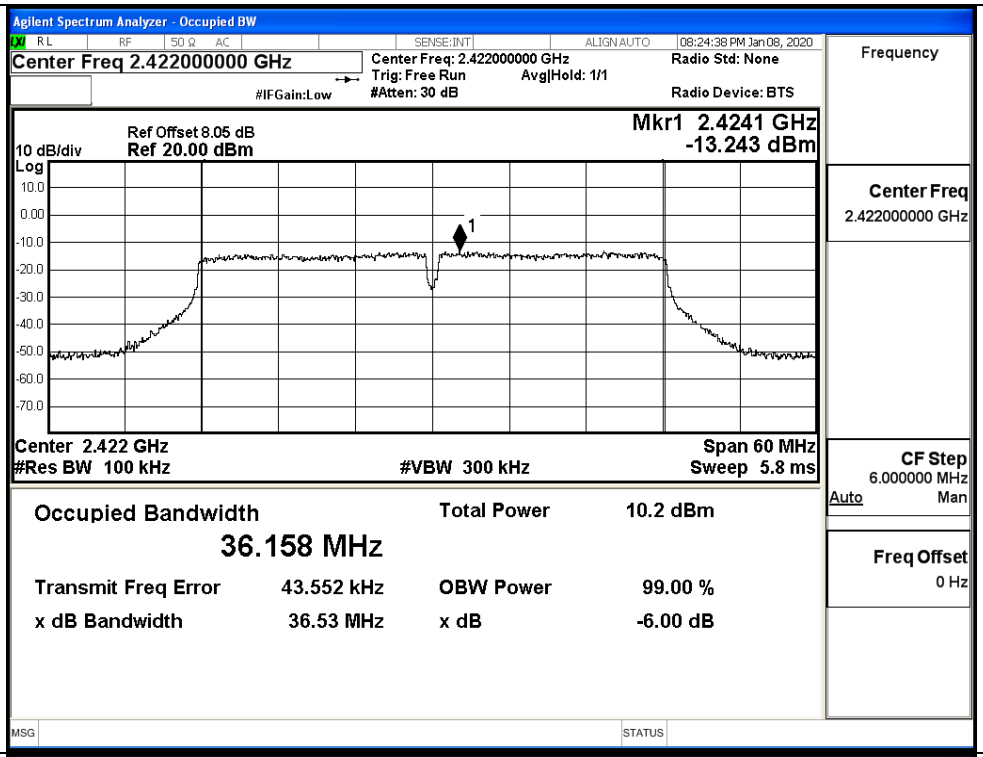
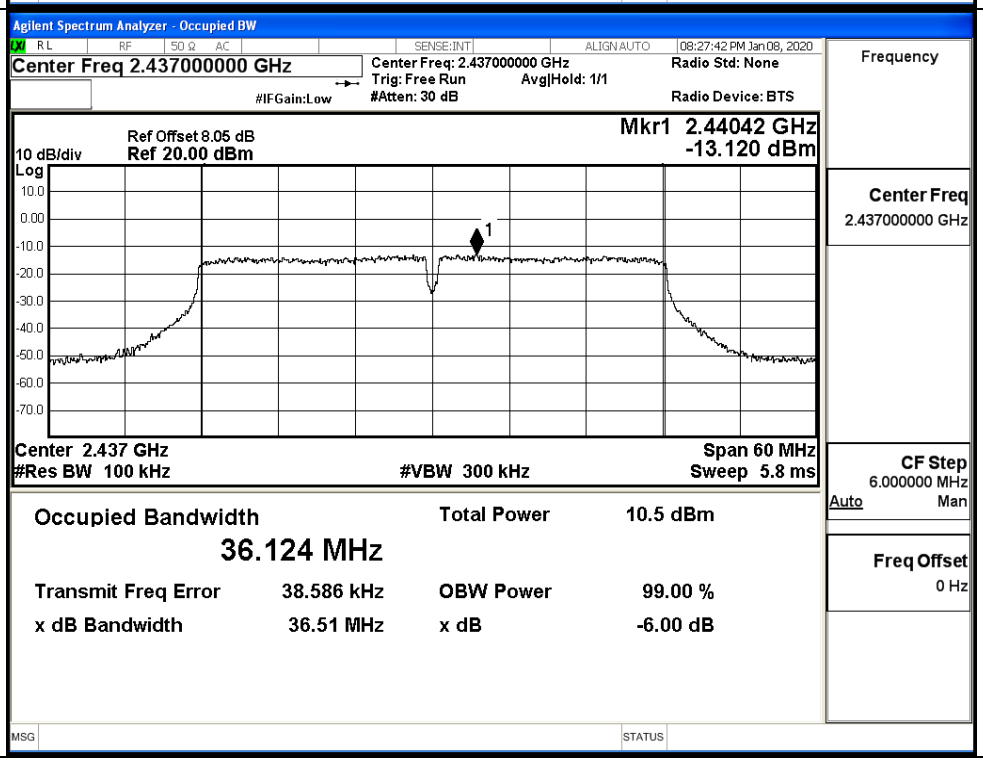
Test Graphs_Ant_0	
11B/LCH	

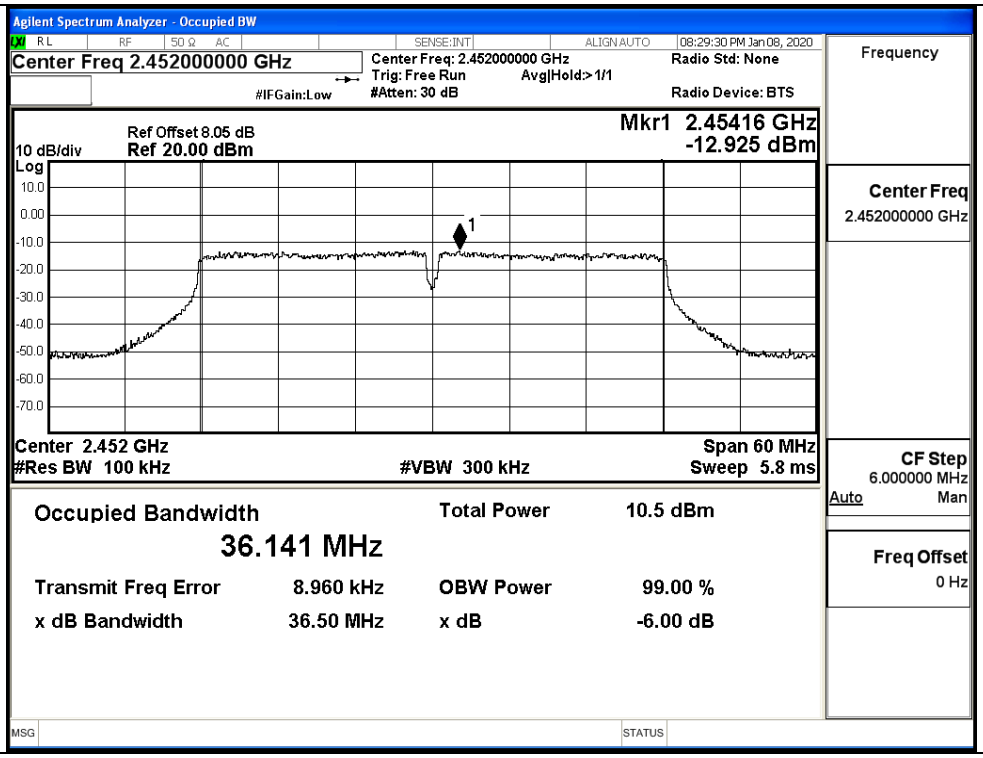
11B/MCH	
11B/HCH	

11G/LCH		
11G/MCH		

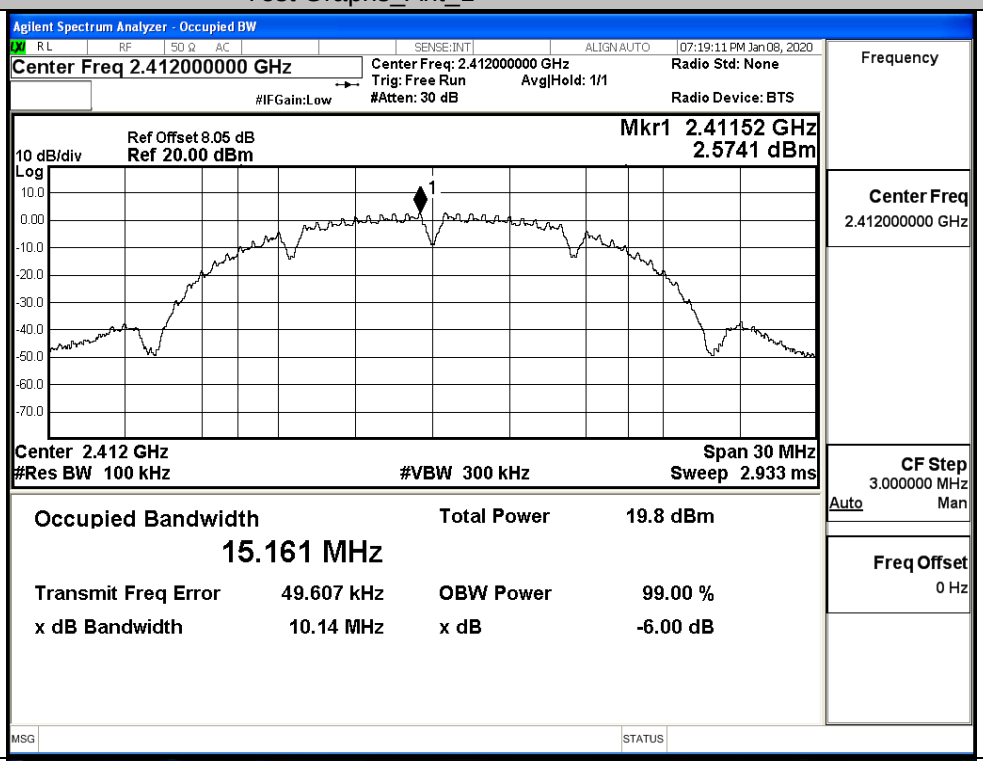
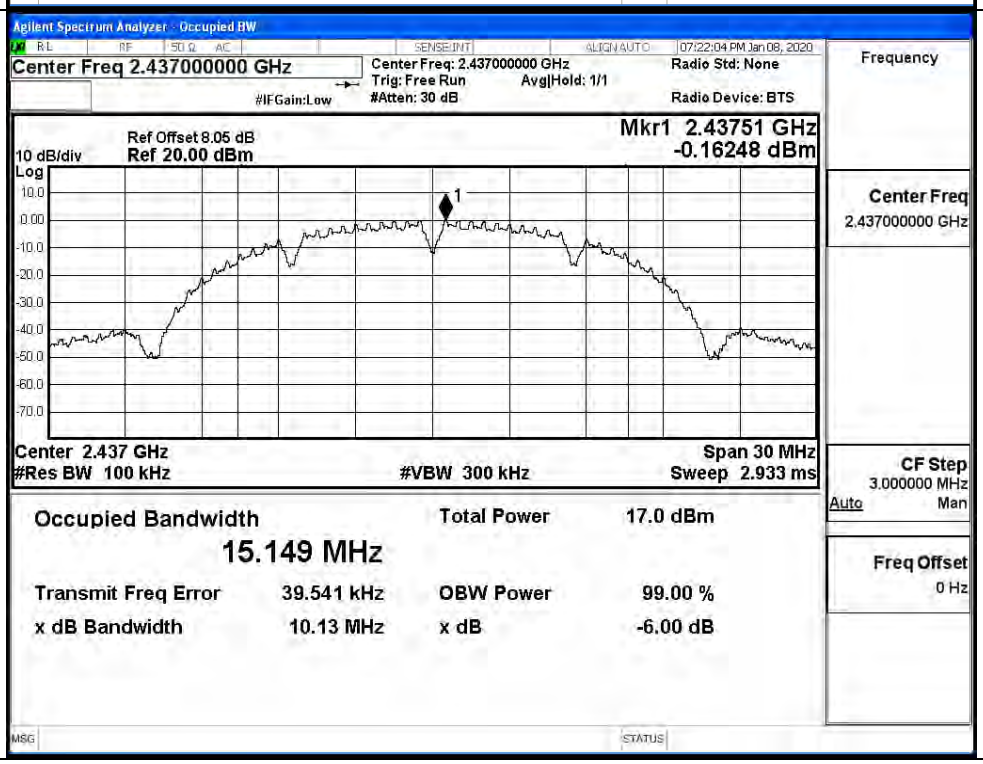
11G/HCH		
11N20/LCH		

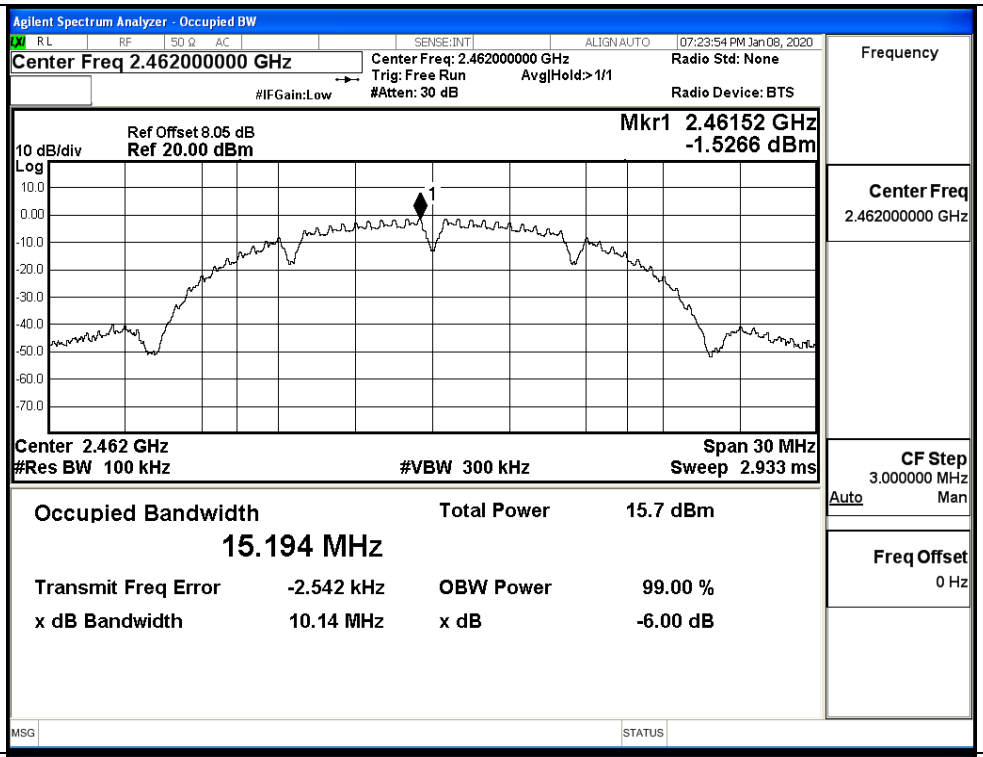
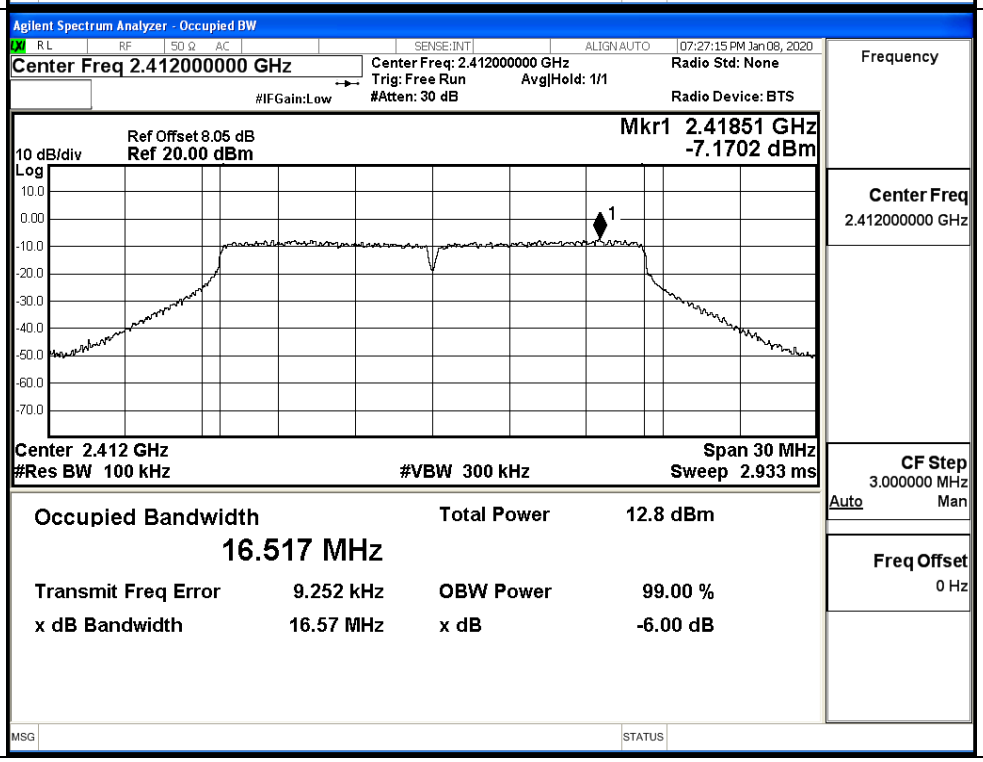
11N20/MCH		
11N20/HCH		

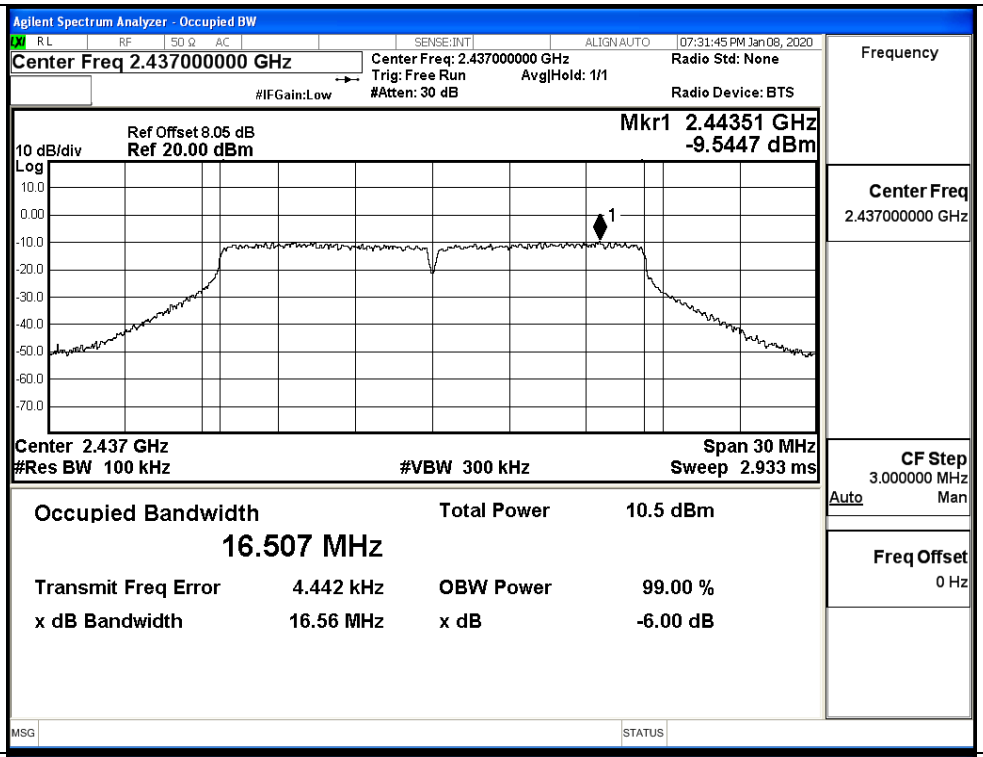
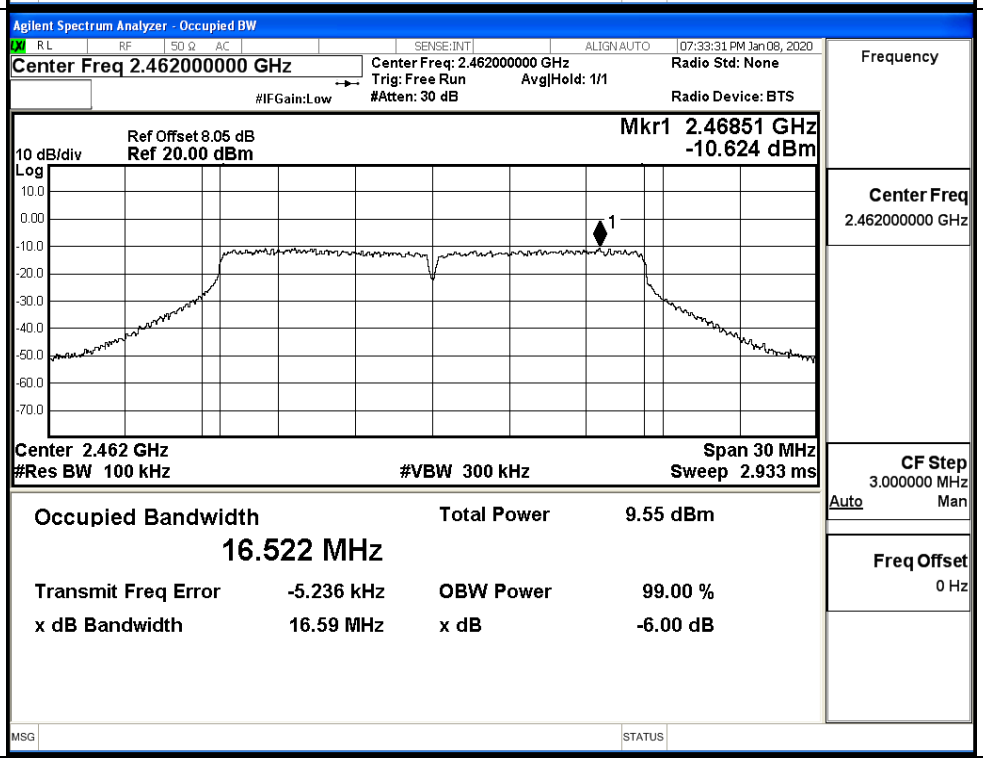
11N40/LCH		
11N40/MCH		

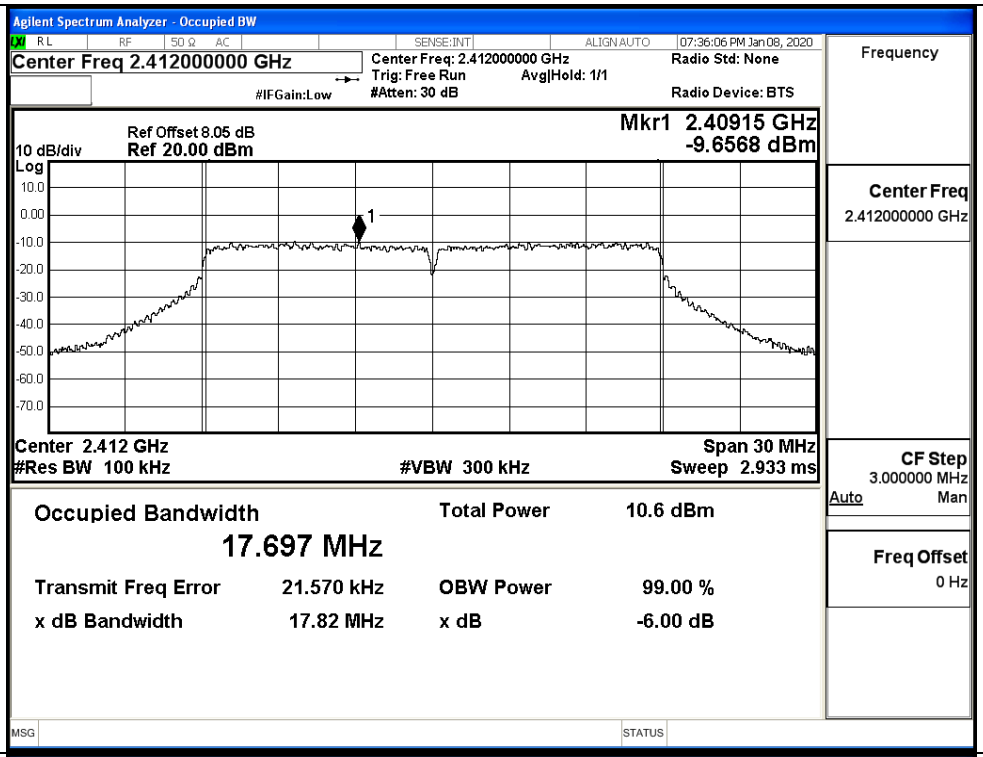
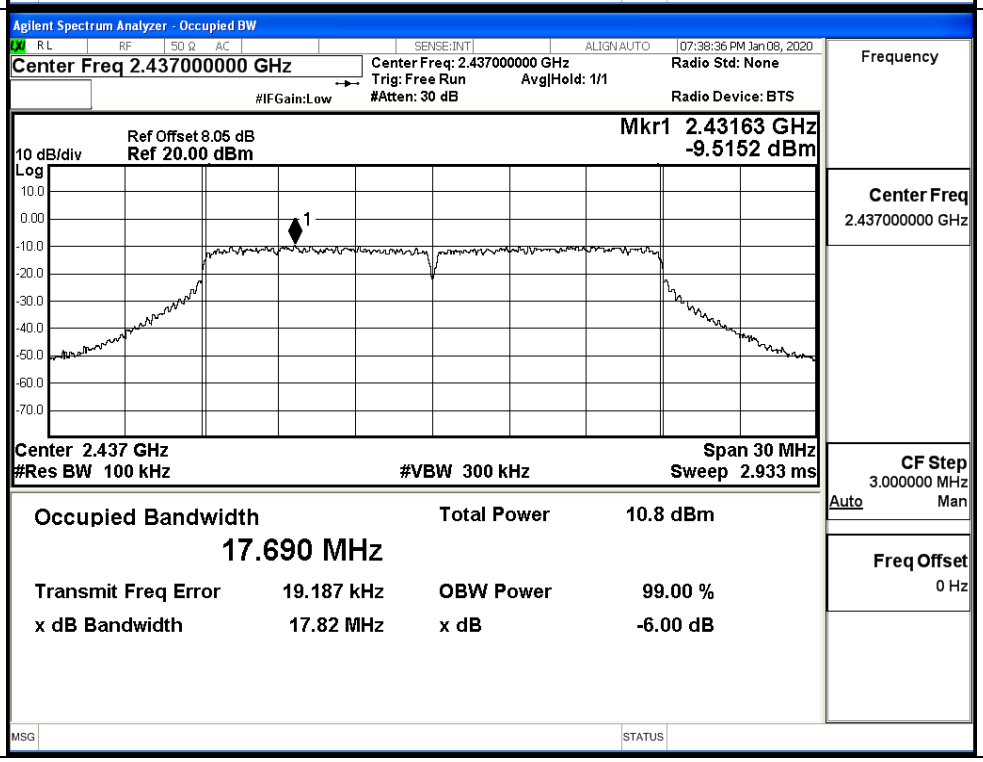
11N40/HCH		

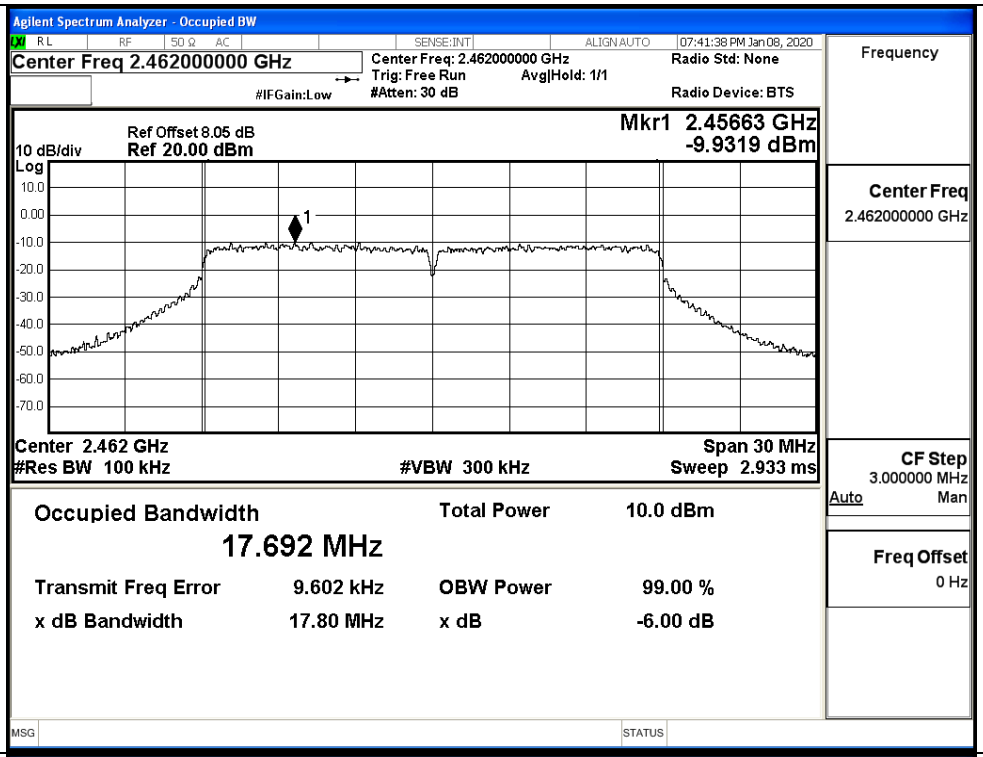
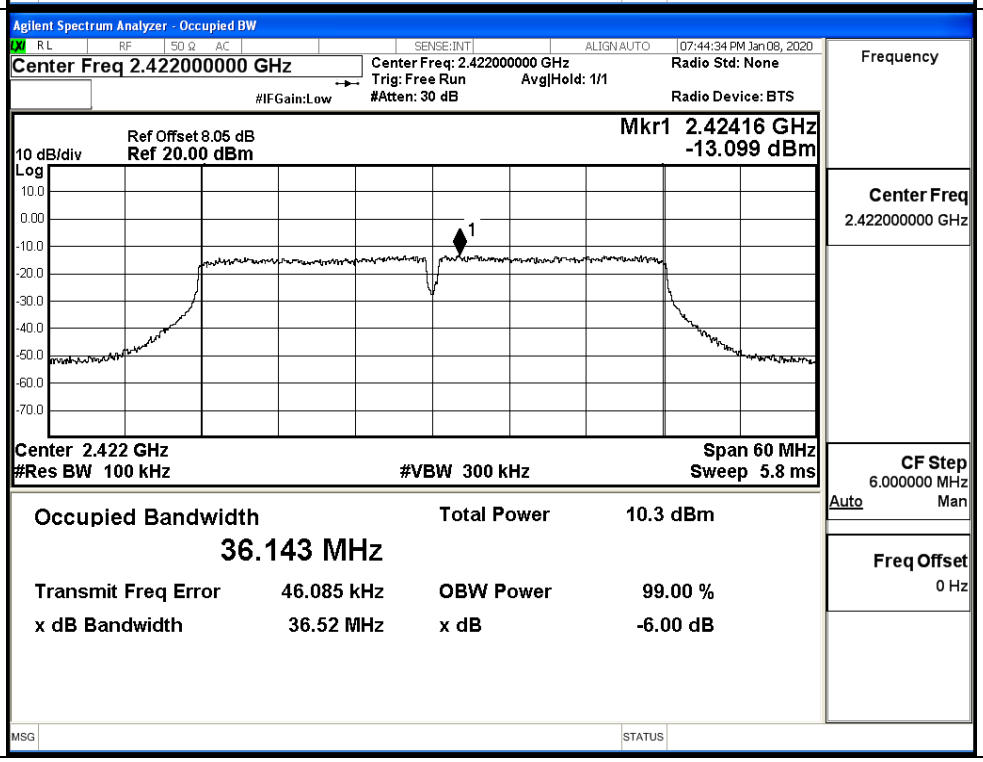
Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>1/1
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
08:29:30 PM Jan 08, 2020
Frequency
Ref Offset 8.05 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.45416 GHz
-12.925 dBm
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.141 MHz
Total Power 10.5 dBm
Transmit Freq Error 8.960 kHz
OBW Power 99.00 %
x dB Bandwidth 36.50 MHz
x dB -6.00 dB
Freq Offset
0 Hz
MSG
STATUS

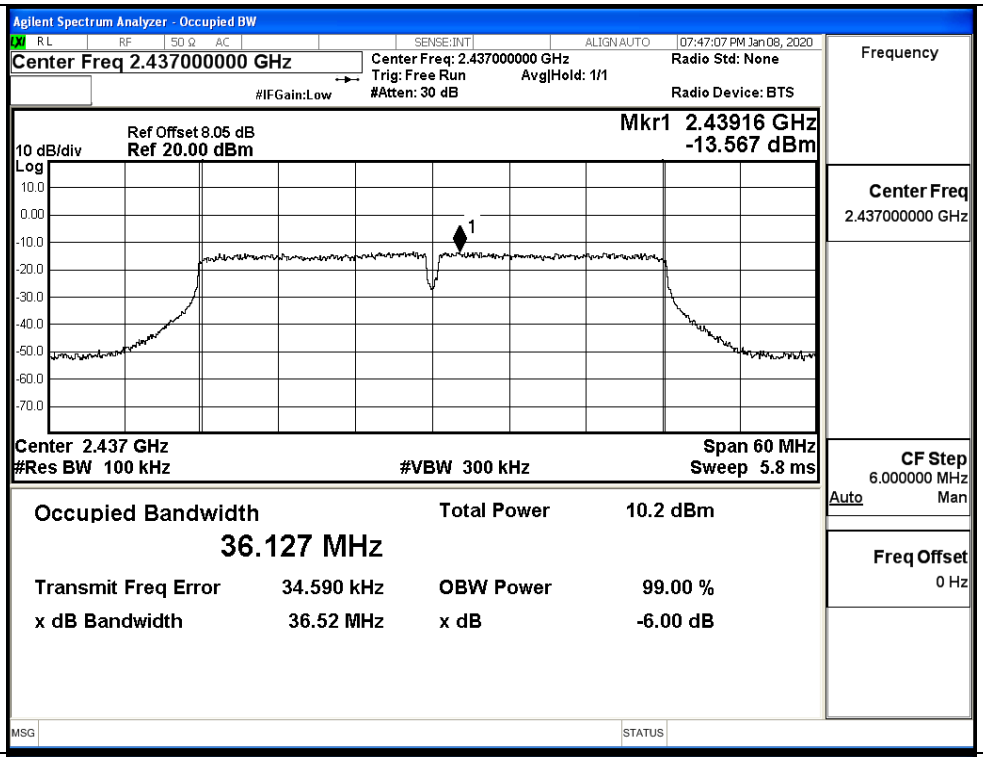
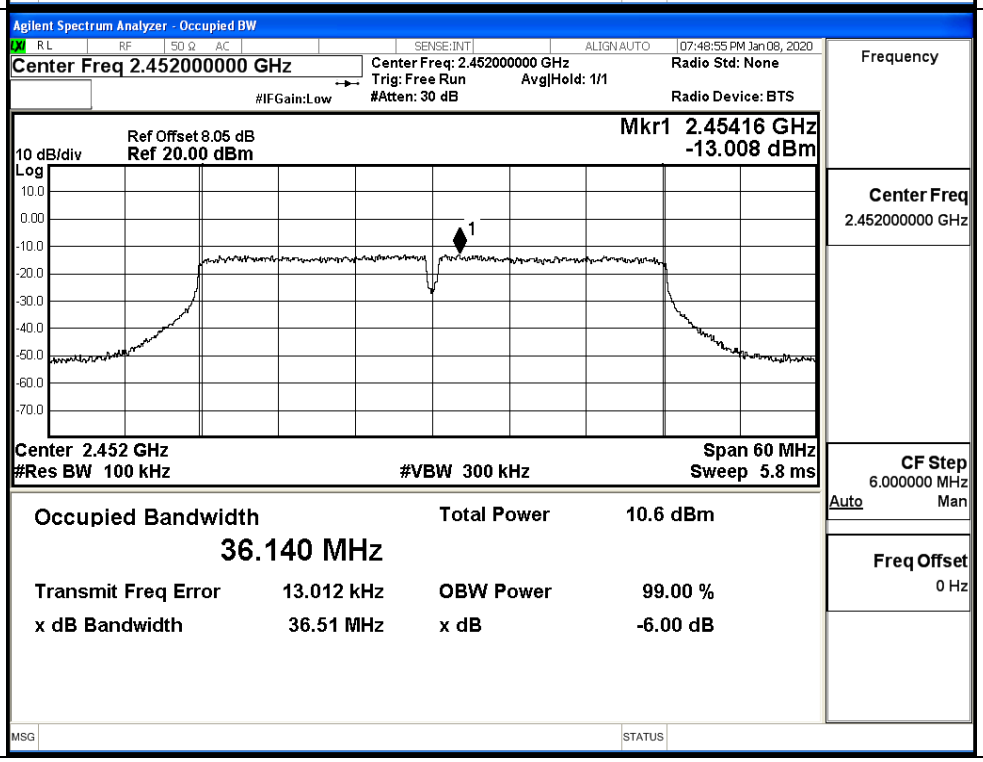
Test Graphs_Ant_1	
11B/LCH	
11B/MCH	

11B/HCH		
11G/LCH		

11G/MCH	
11G/HCH	

11N20/LCH	
11N20/MCH	

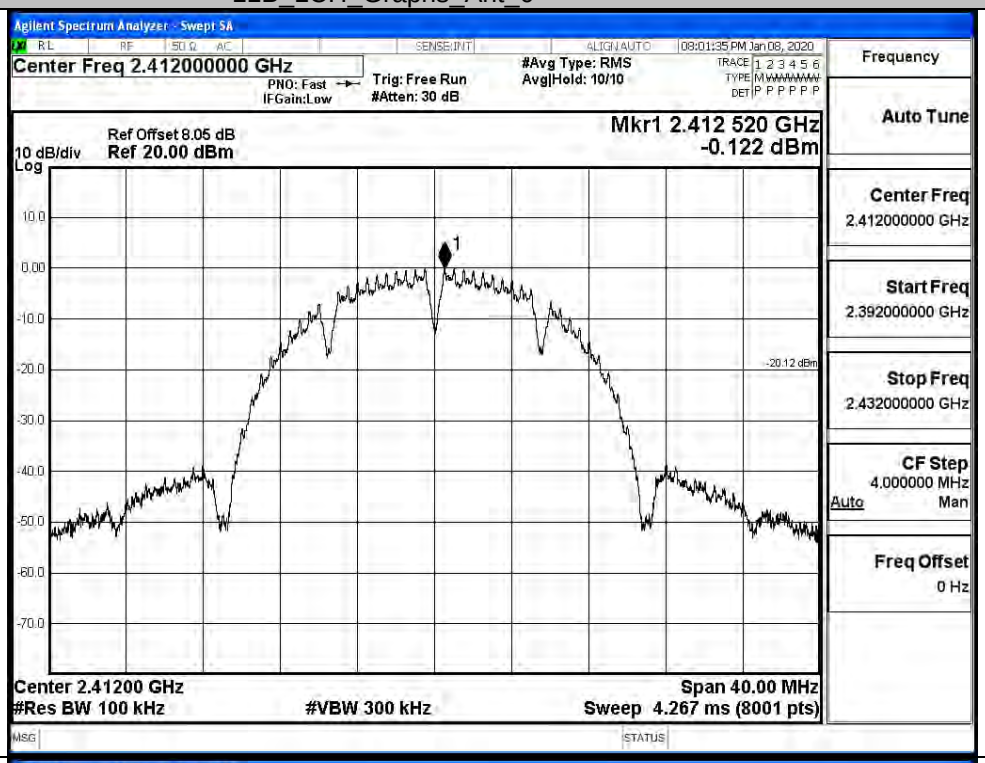
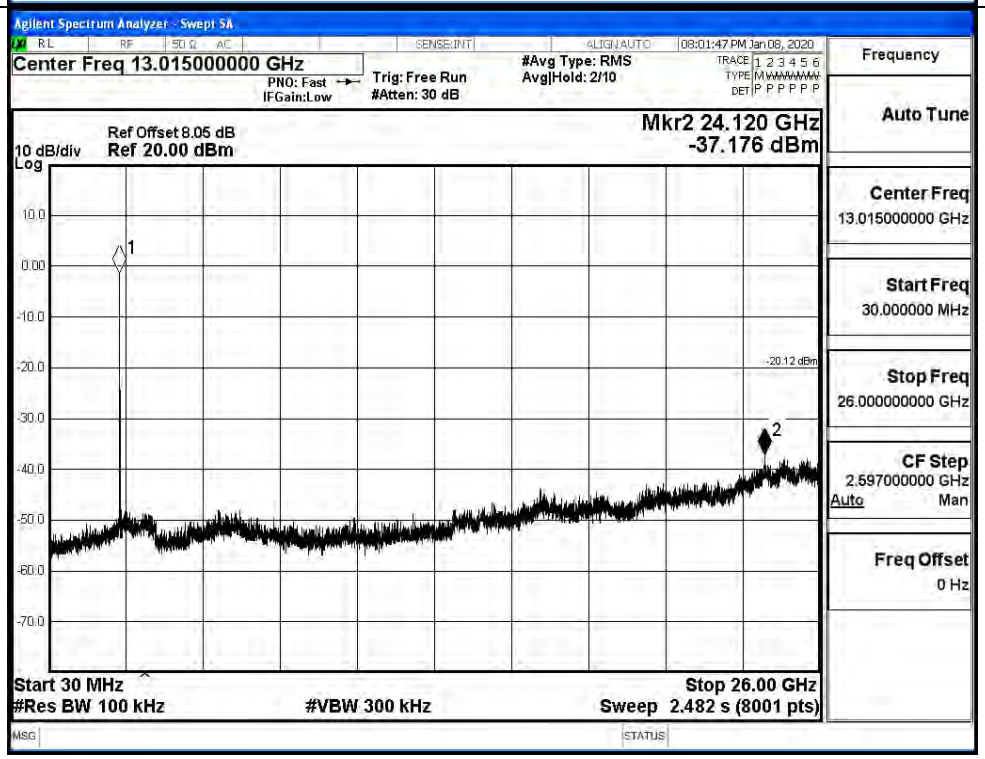
11N20/HCH		
11N40/LCH		

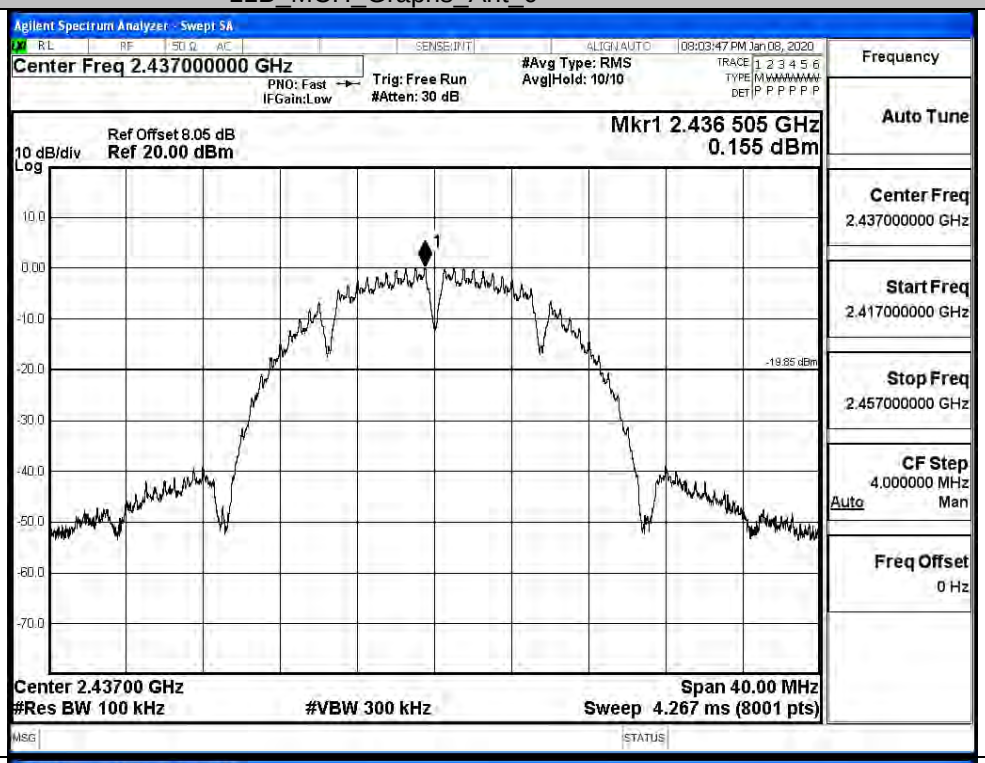
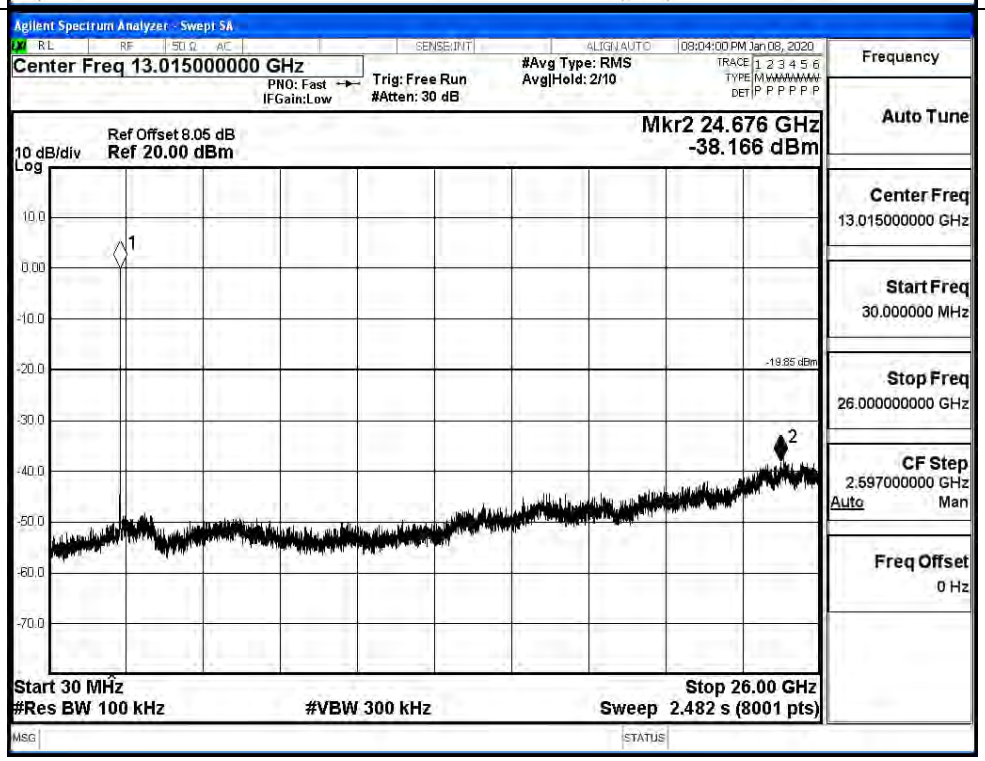
11N40/MCH		
11N40/HCH		

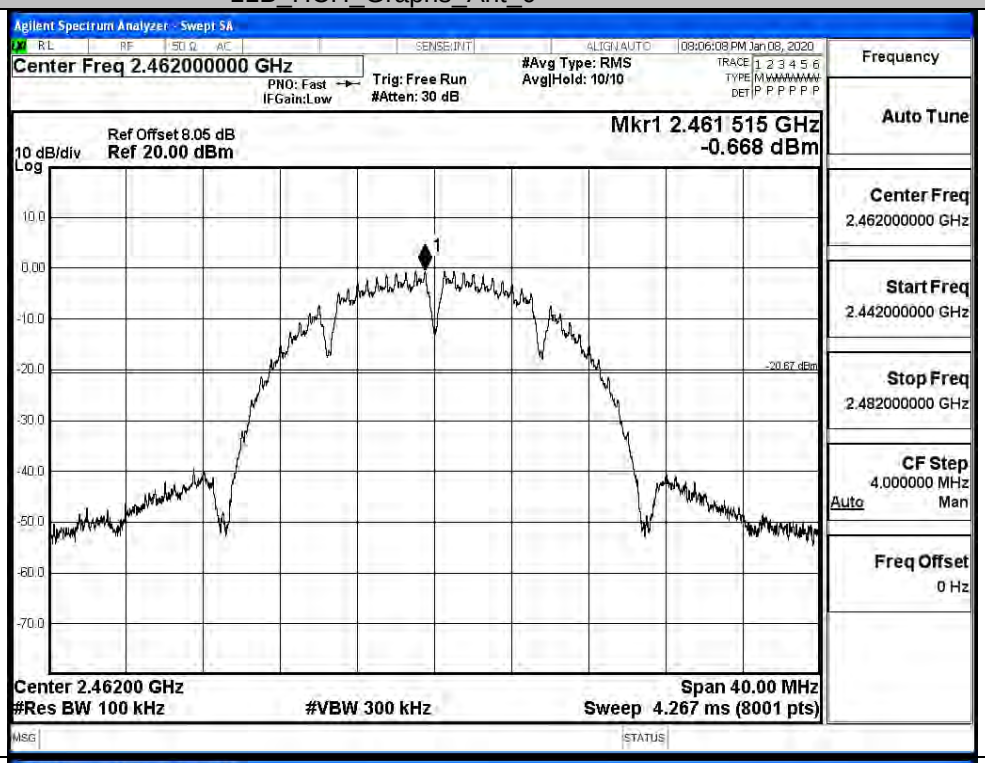
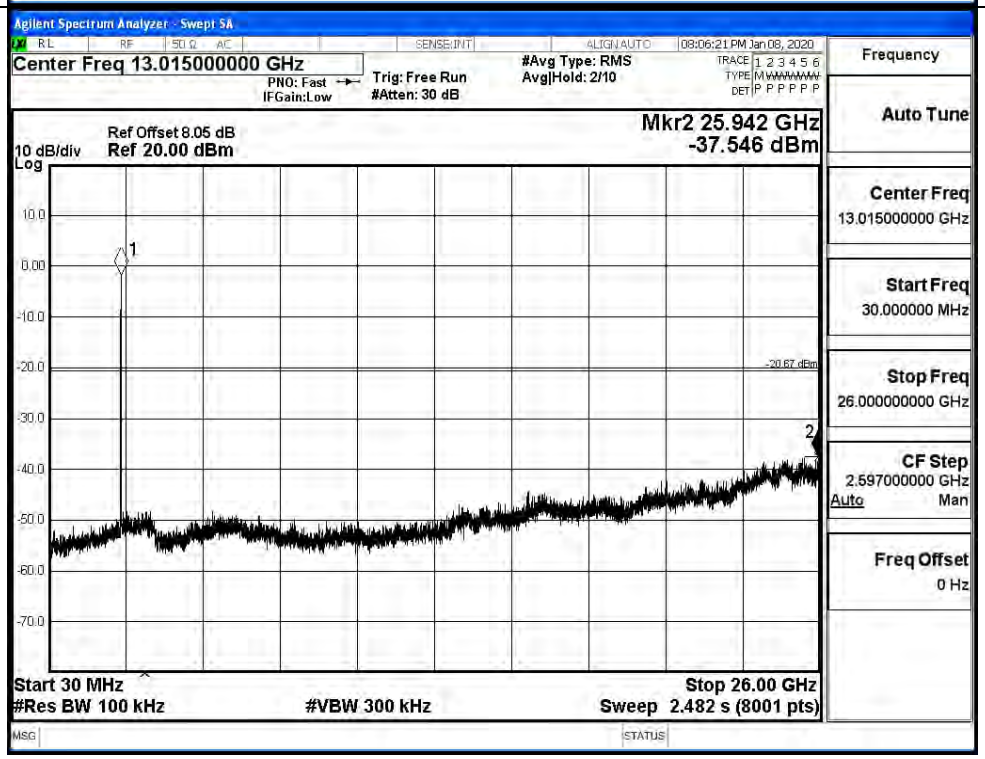
A.5 RF Conducted Spurious Emissions

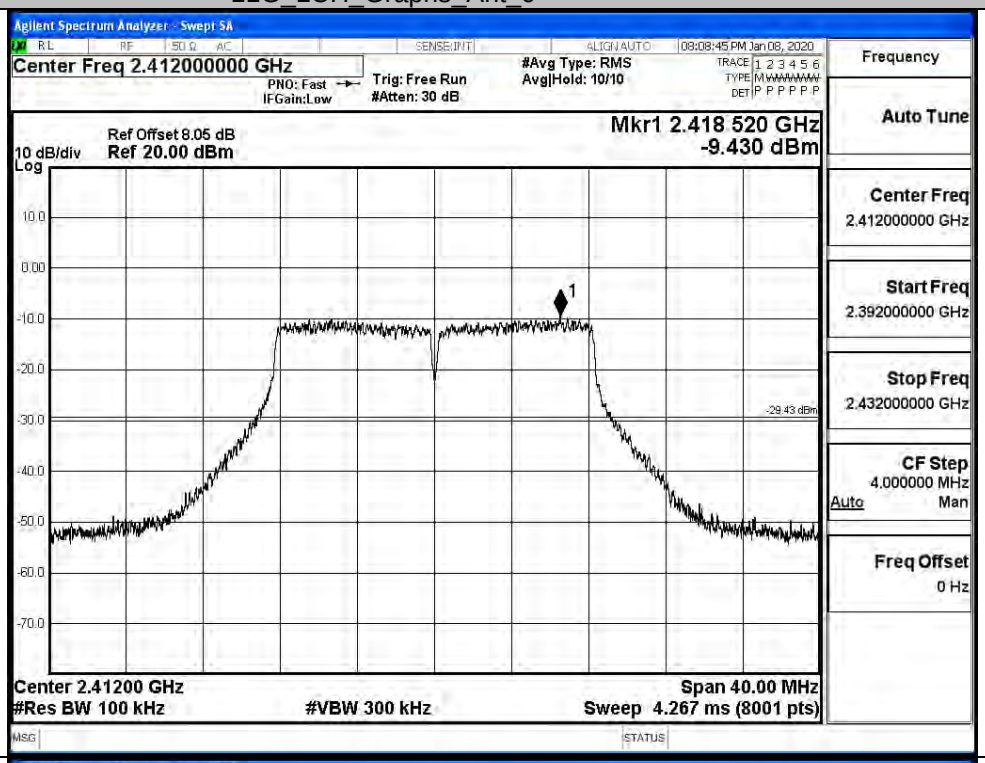
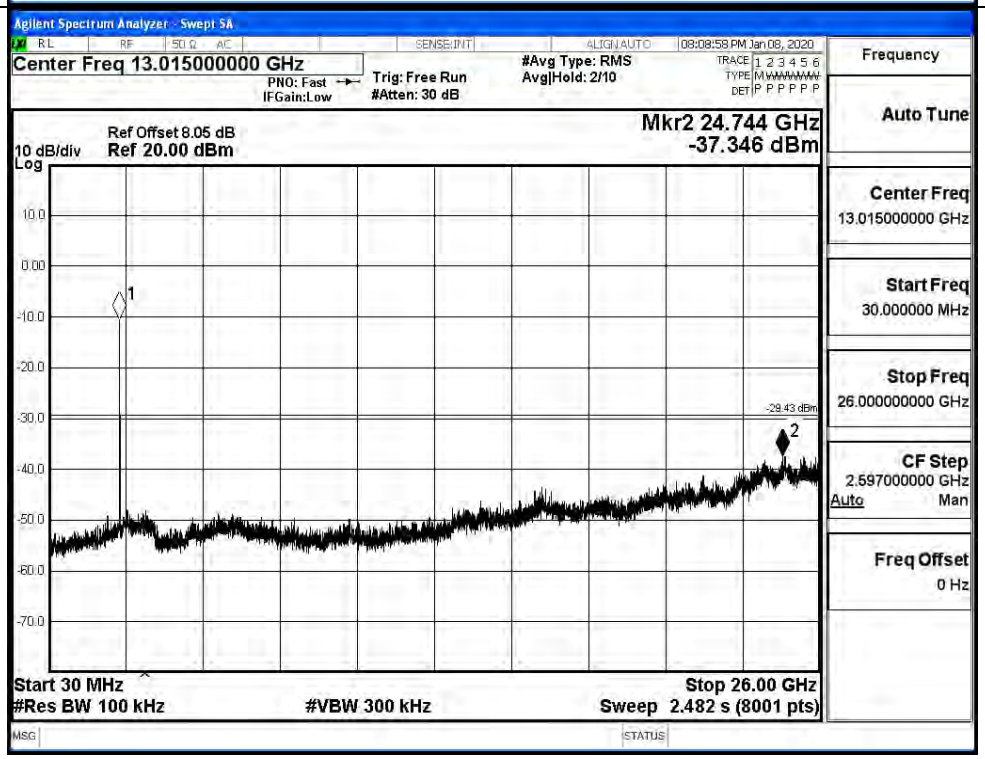
Ant_0

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.122	-37.176	-20.122	PASS
	MCH	0.155	-38.166	-19.845	PASS
	HCH	-0.668	-37.546	-20.668	PASS
11G	LCH	-9.43	-37.346	-29.430	PASS
	MCH	-9.288	-37.431	-29.288	PASS
	HCH	-9.89	-37.070	-29.890	PASS
11N20	LCH	-9.775	-37.240	-29.775	PASS
	MCH	-8.965	-38.158	-28.965	PASS
	HCH	-8.869	-36.602	-28.869	PASS
11N40	LCH	-13.439	-37.395	-33.439	PASS
	MCH	-13.234	-38.014	-33.234	PASS
	HCH	-13.227	-37.096	-33.227	PASS

11B_LCH_Graphs_Ant_0	
Pref/11B/LCH	
Puw/11B/LCH	

11B_MCH_Graphs_Ant_0	
Pref/11B/MCH	
Puw/11B/MCH	

11B_HCH_Graphs_Ant_0	
Pref/11B/HCH	
Puw/11B/HCH	

11G_LCH_Graphs_Ant_0	
Pref/11G/LCH	
Puw/11G/LCH	

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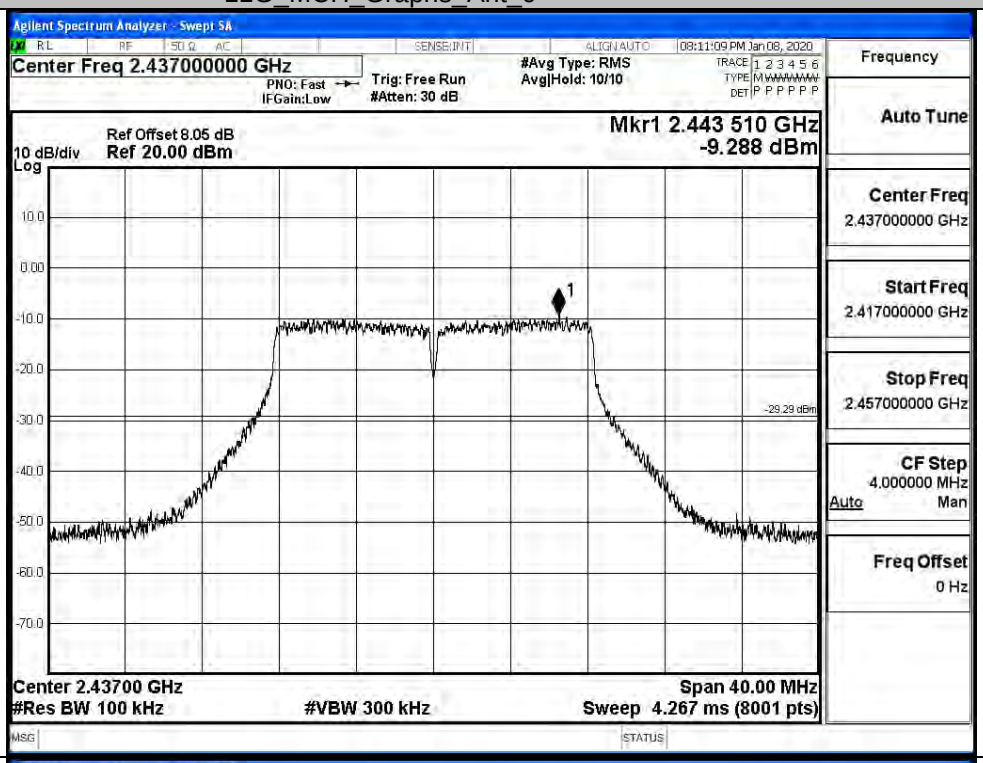
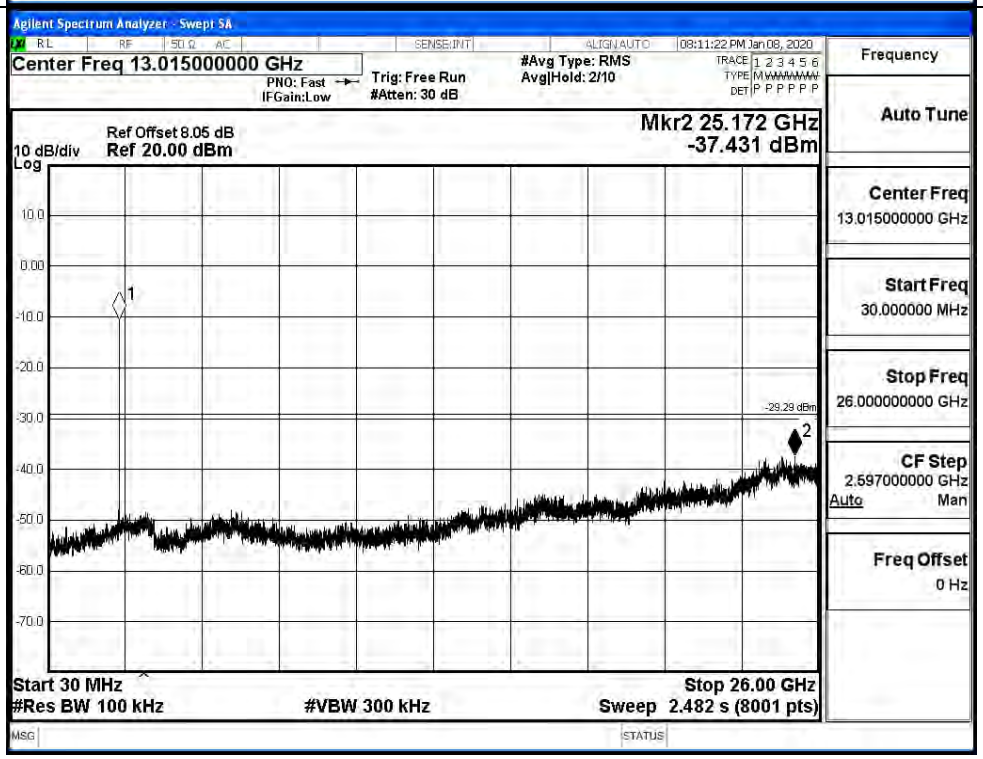
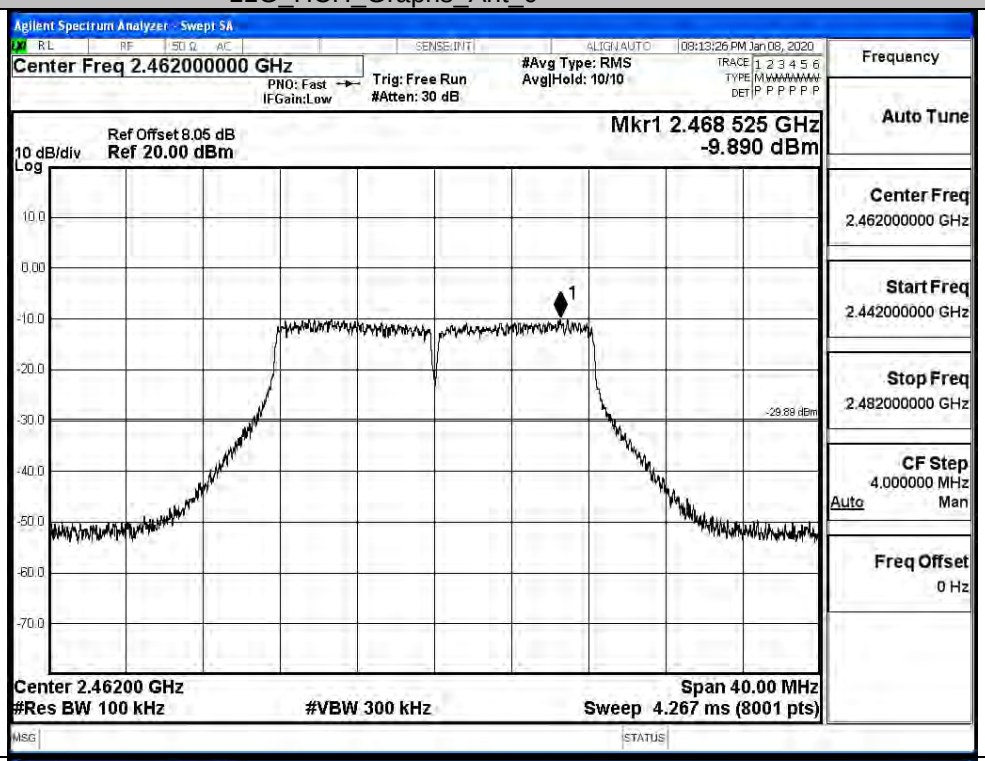
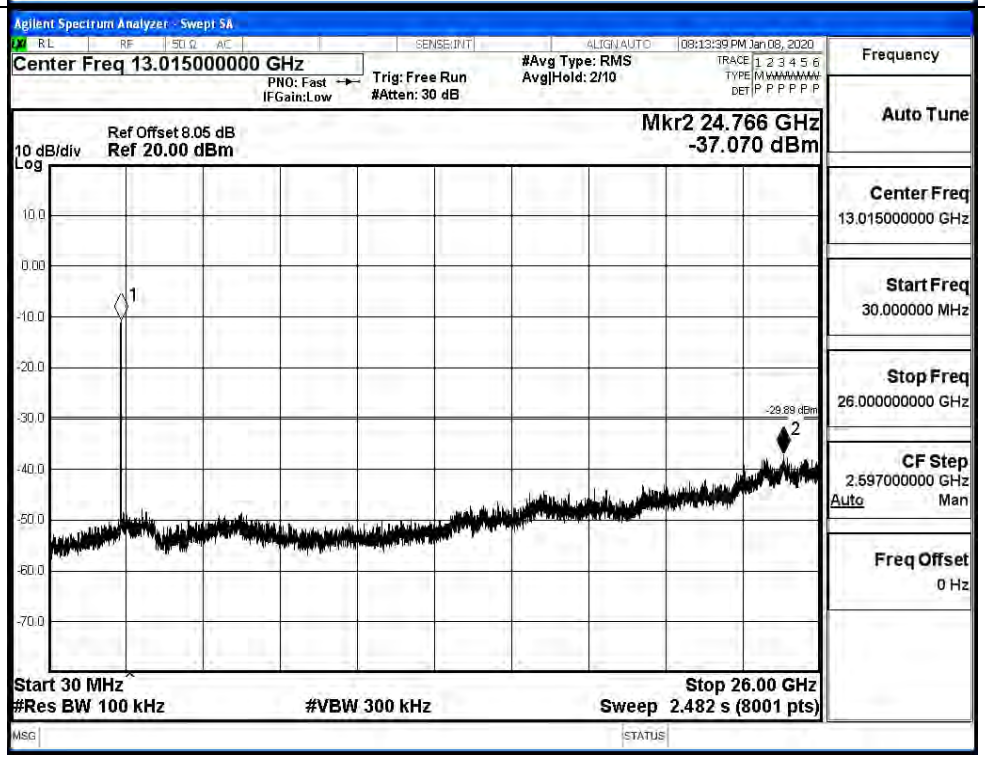
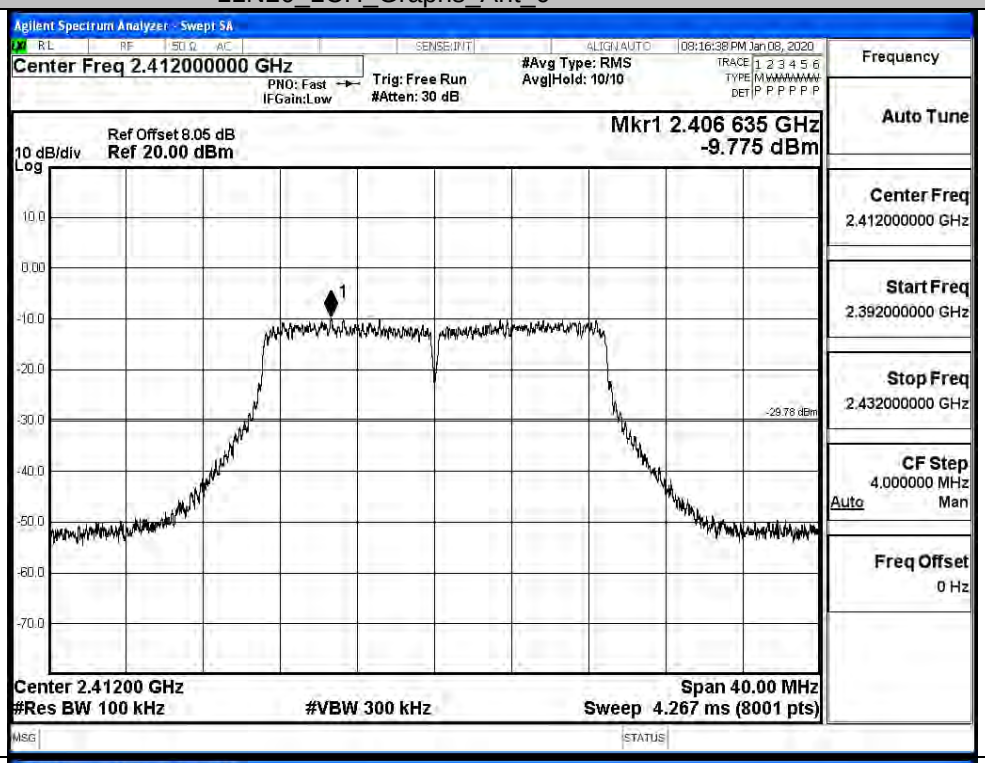
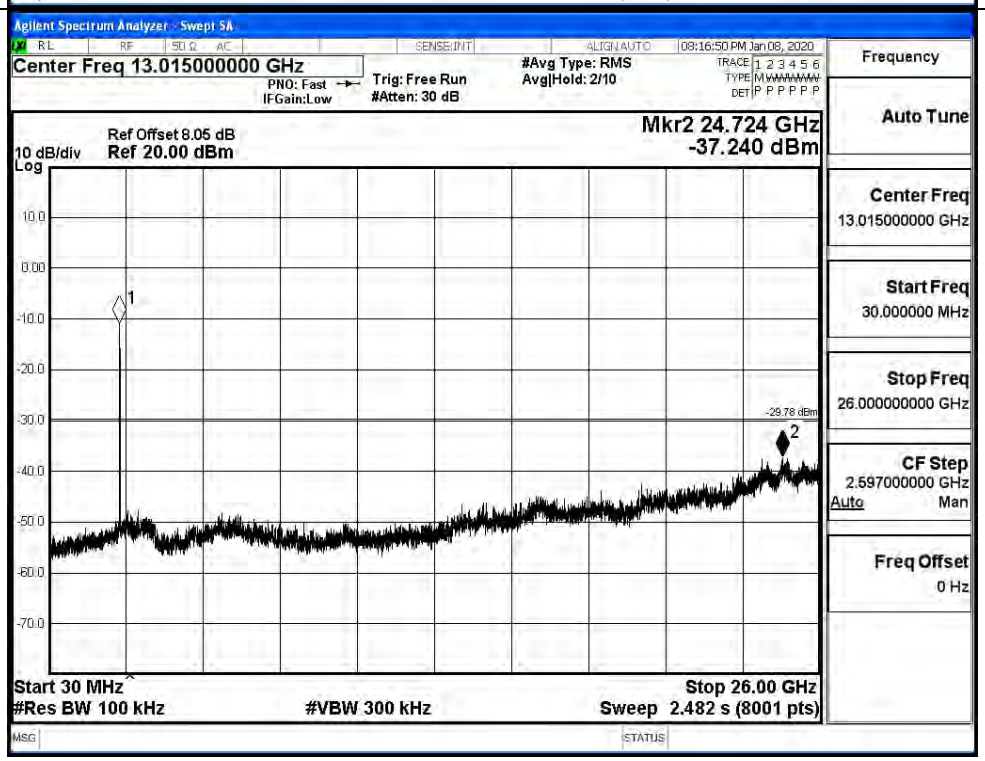
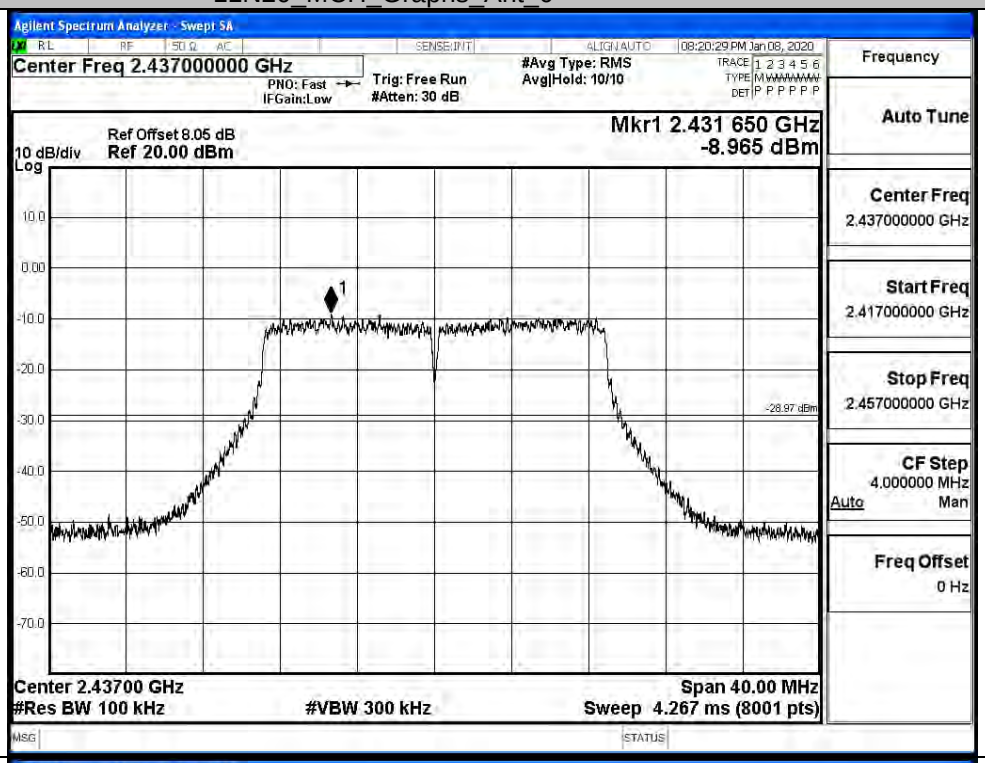
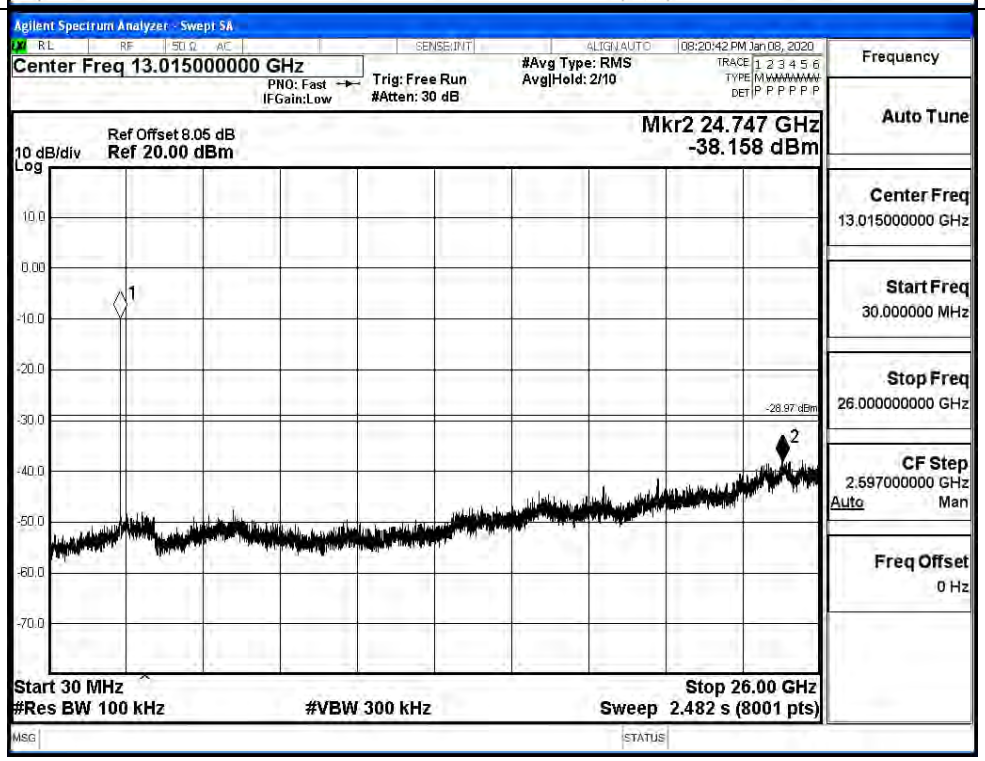
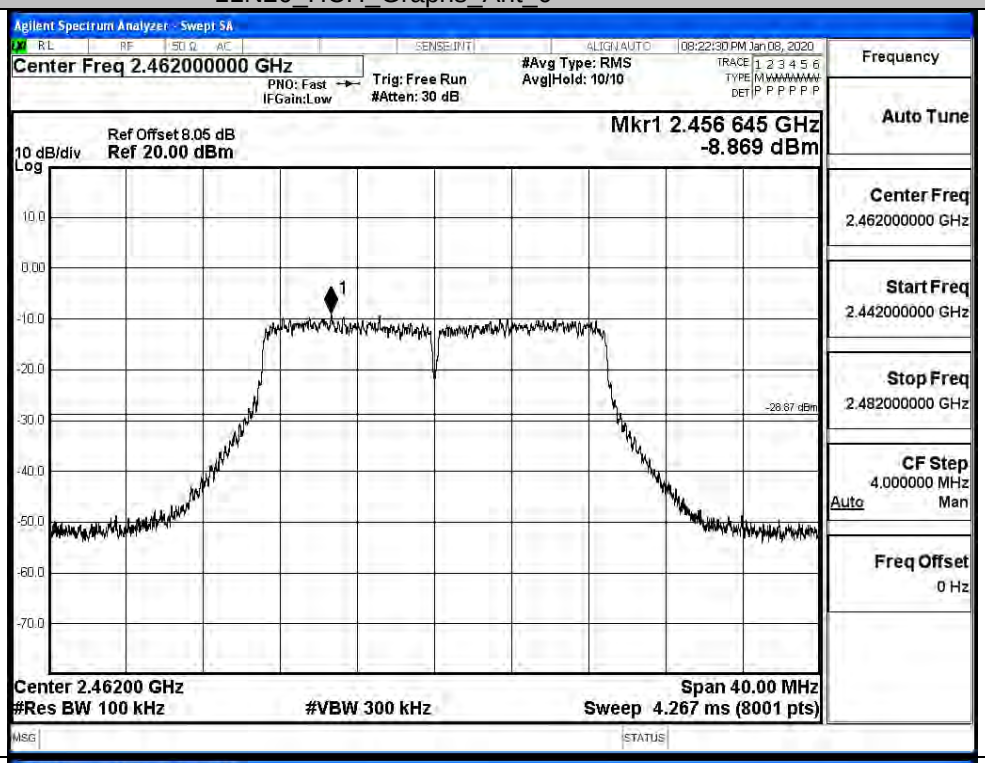
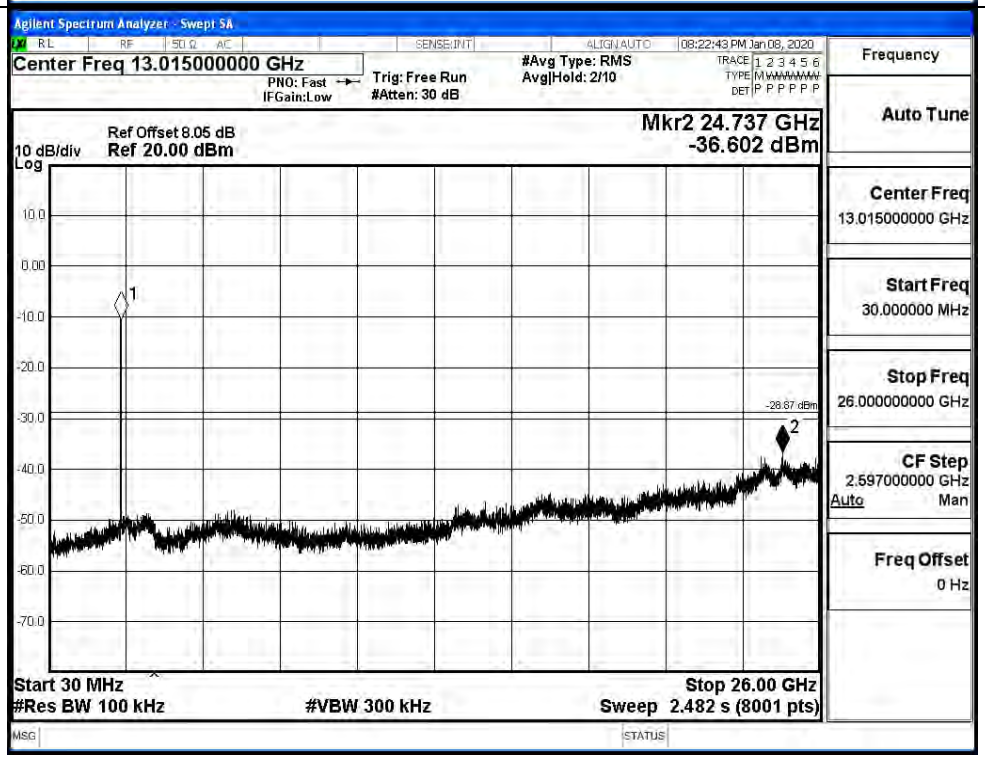
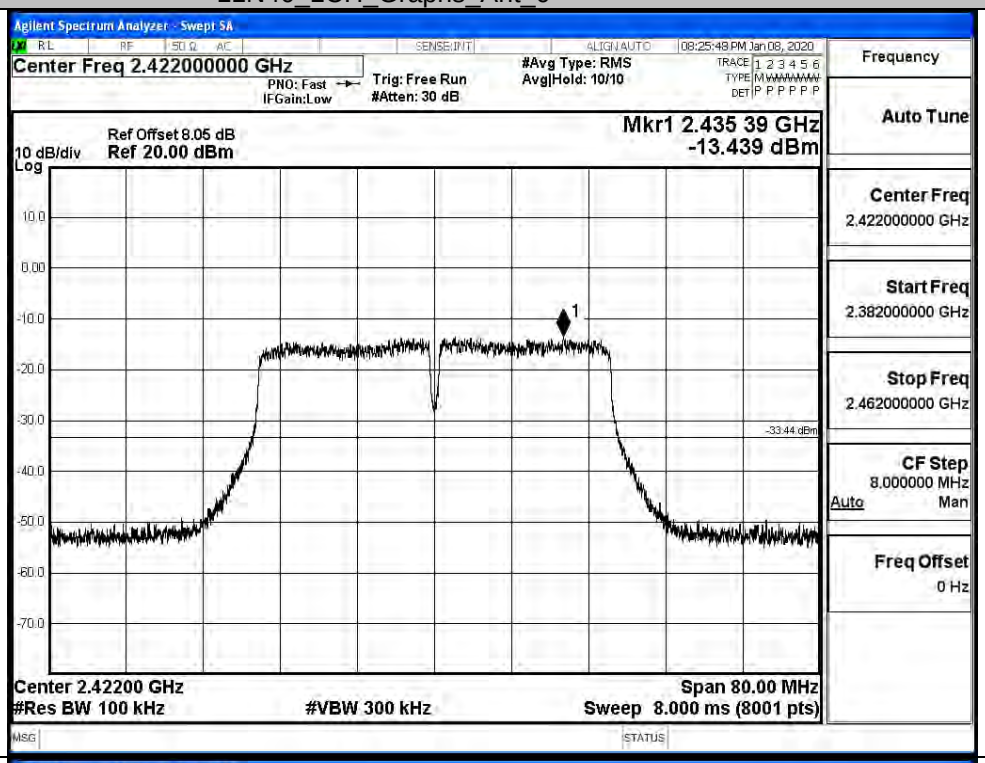
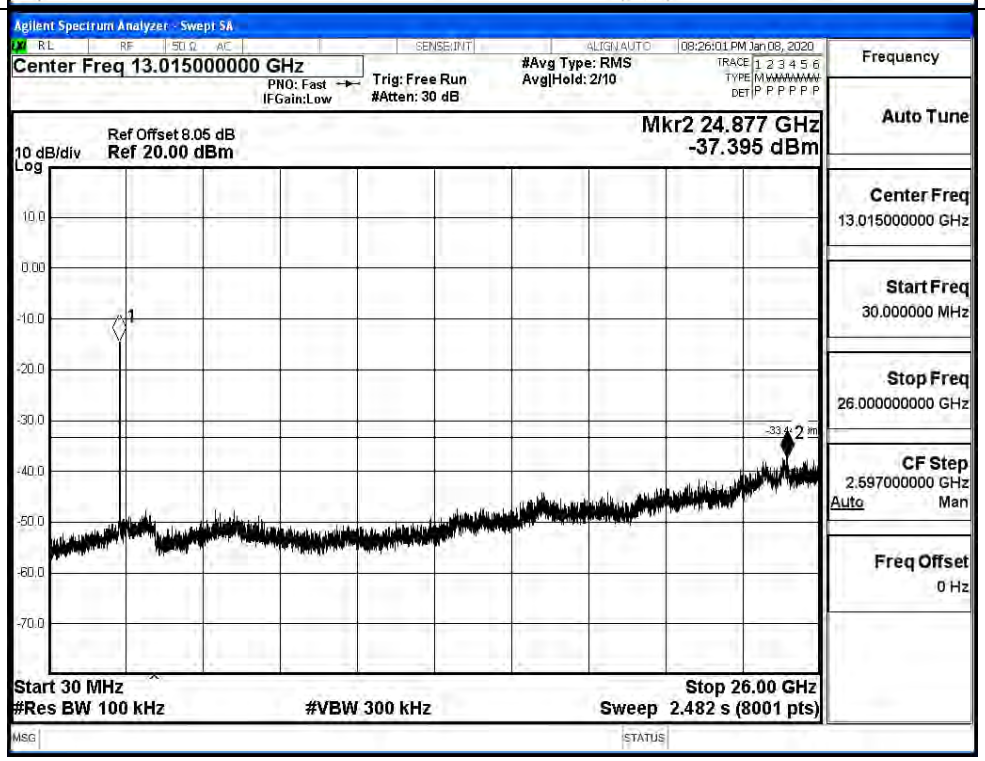
Pref/11G/MCH	
Puw/11G/MCH	

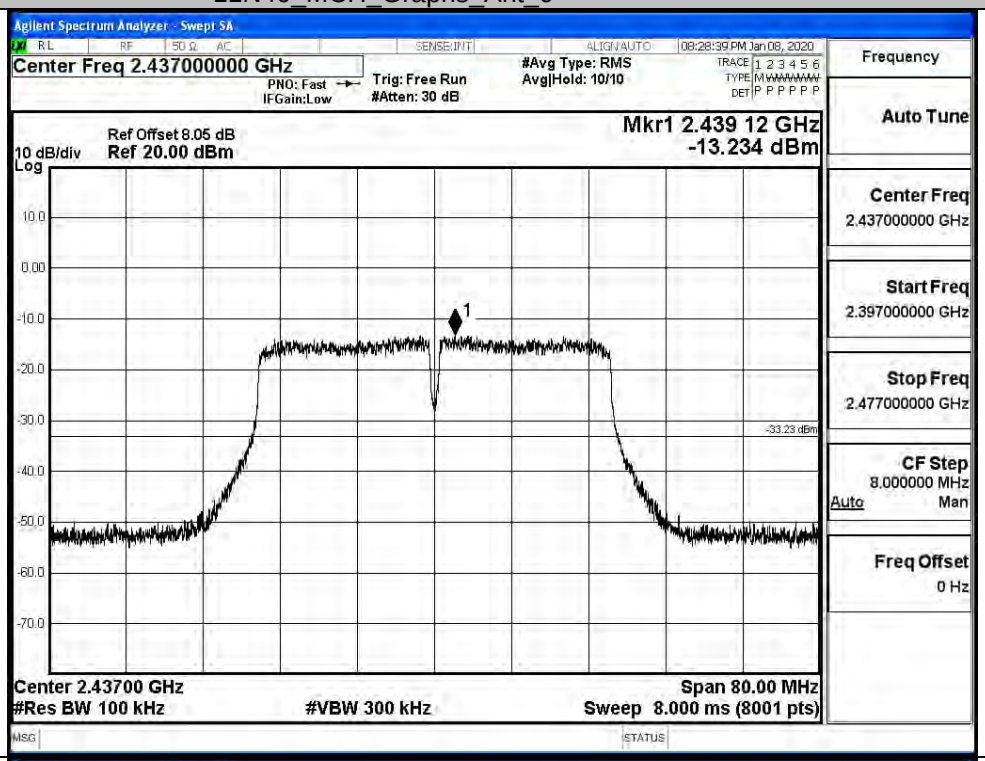
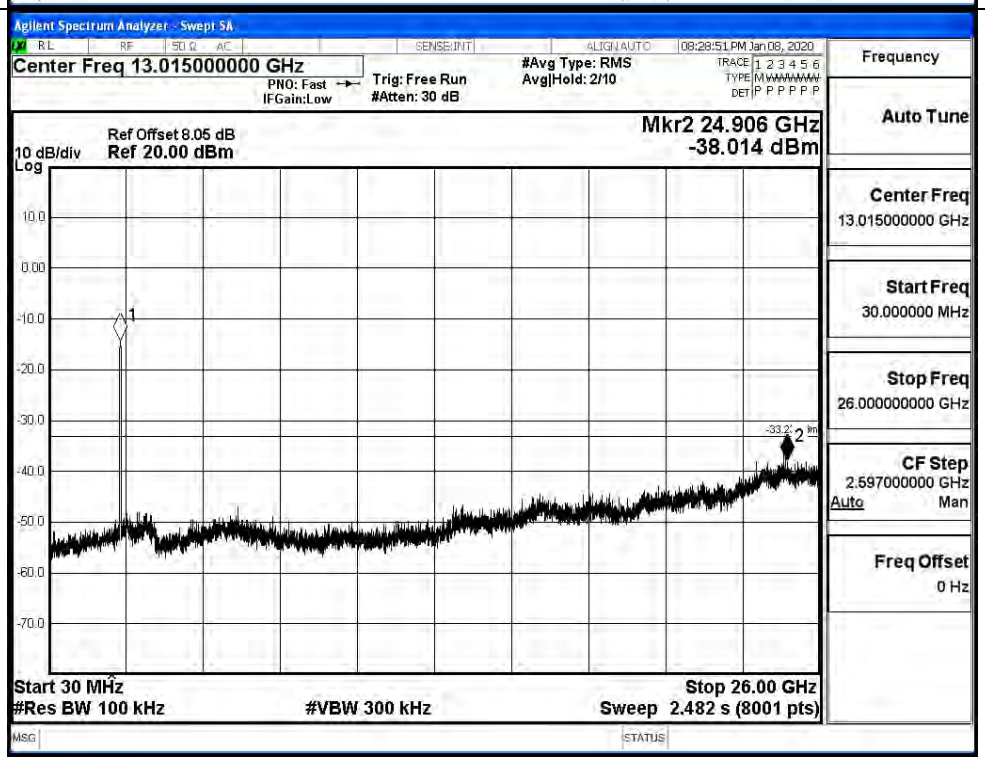
11G_HCH_Graphs_Ant_0	
Pref/11G/HCH	
Puw/11G/HCH	

11N20_LCH_Graphs_Ant_0	
Pref/11N20/ LCH	
Puw/11N20/ LCH	

11N20_MCH_Graphs_Ant_0	
Pref/11N20/ MCH	
Puw/11N20/ MCH	

11N20_HCH_Graphs_Ant_0	
Pref/11N20/ HCH	
Puw/11N20/ HCH	

11N40_LCH_Graphs_Ant_0	
Pref/11N40/ LCH	
Puw/11N40/ LCH	

11N40_MCH_Graphs_Ant_0	
Pref/11N40/ MCH	
Puw/11N40/ MCH	

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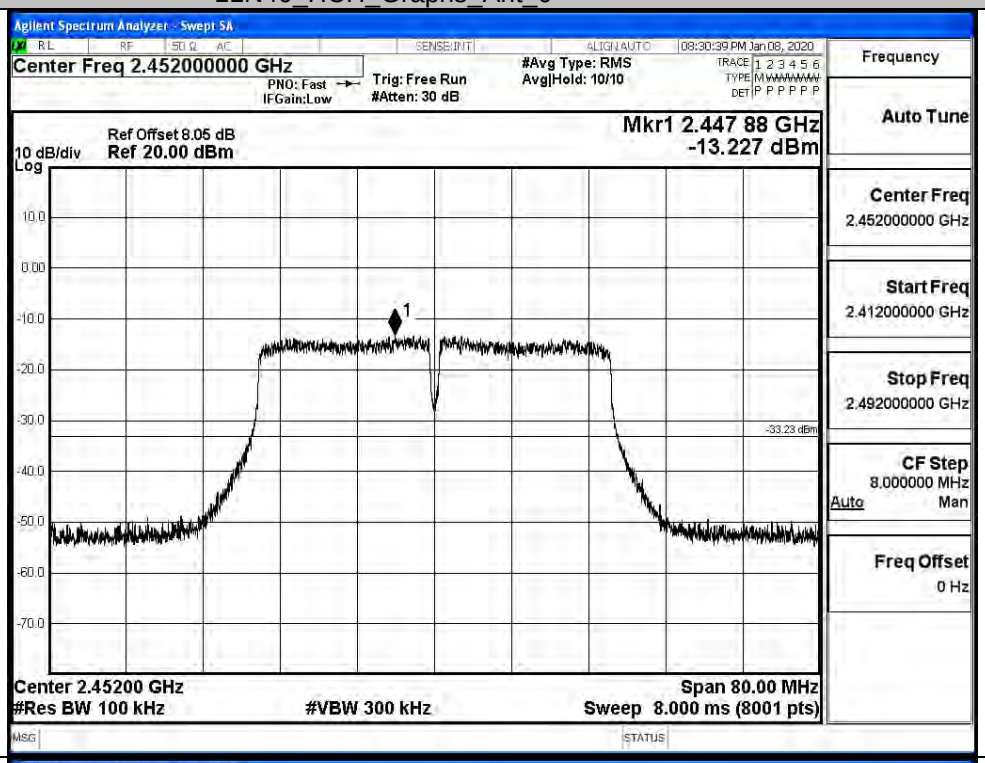
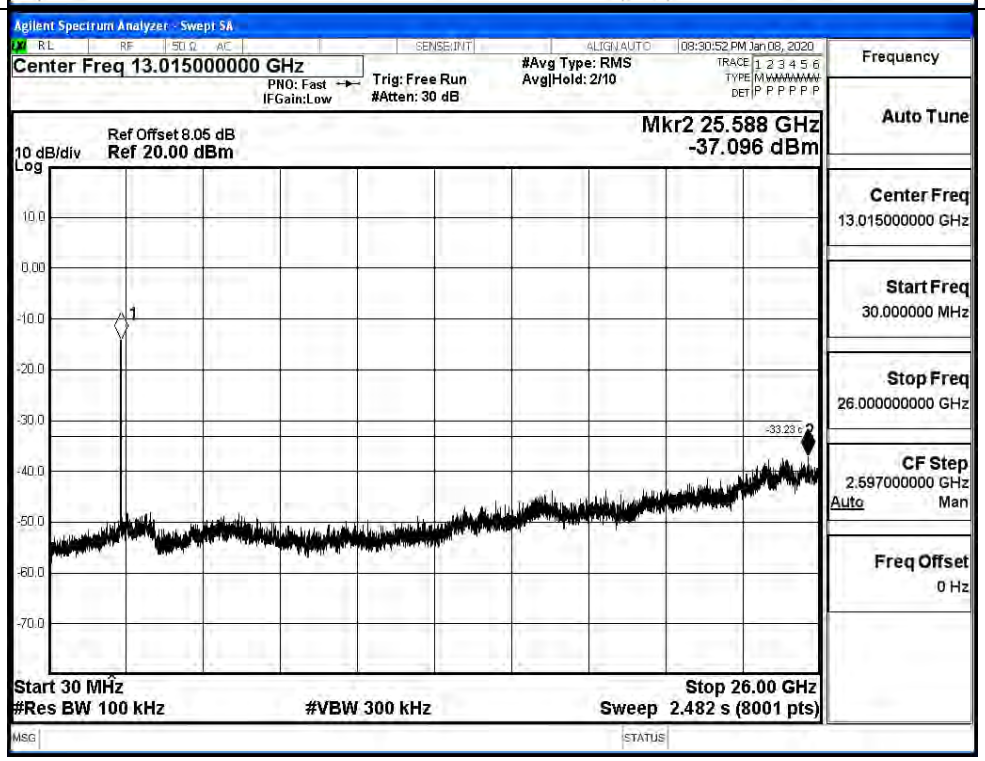
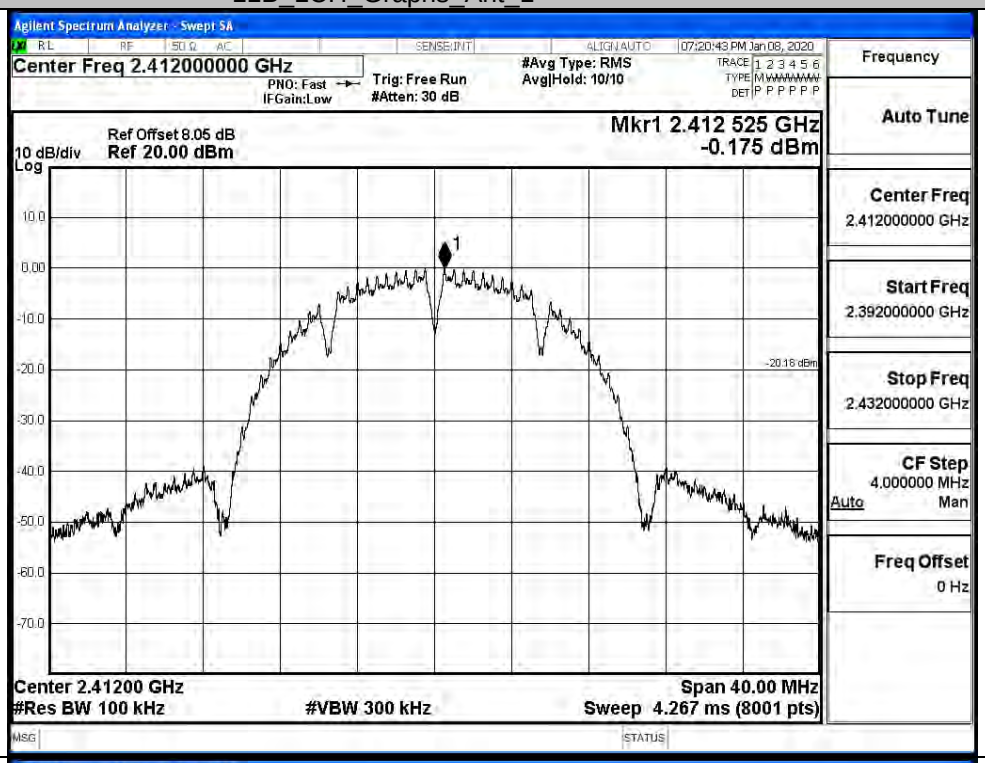
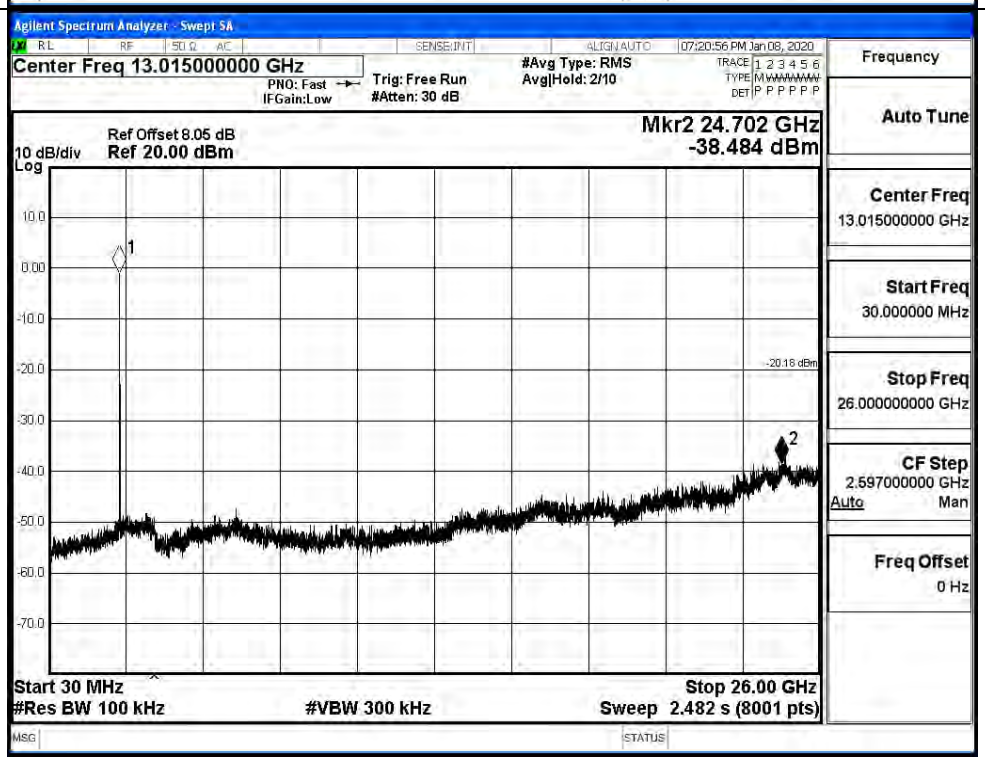
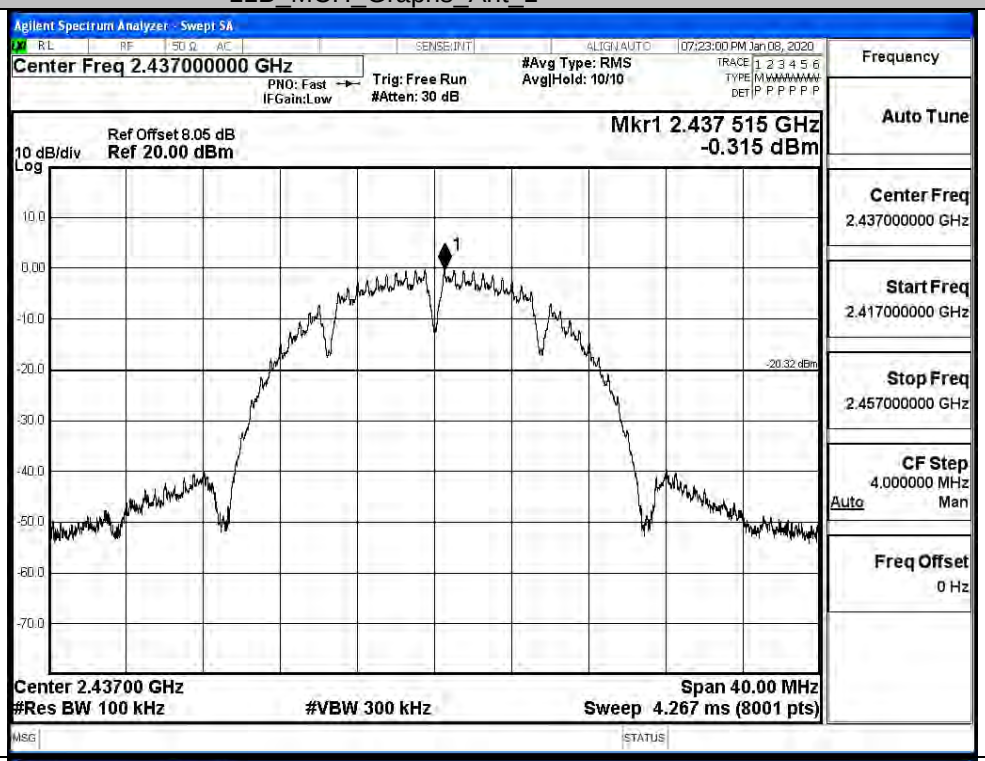
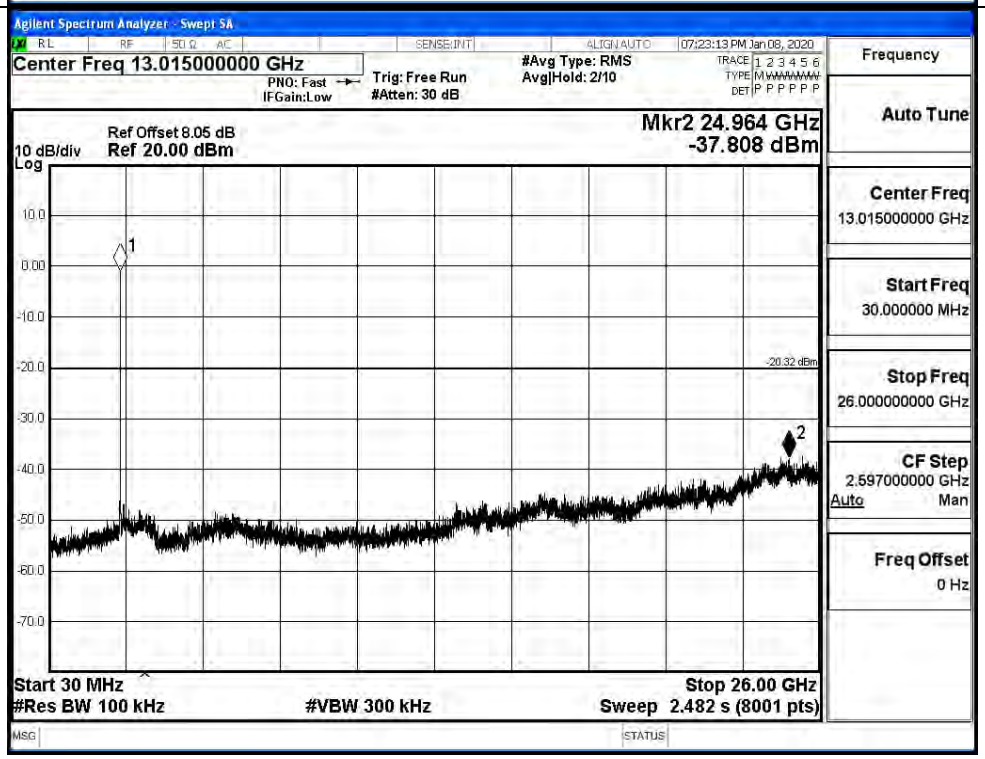
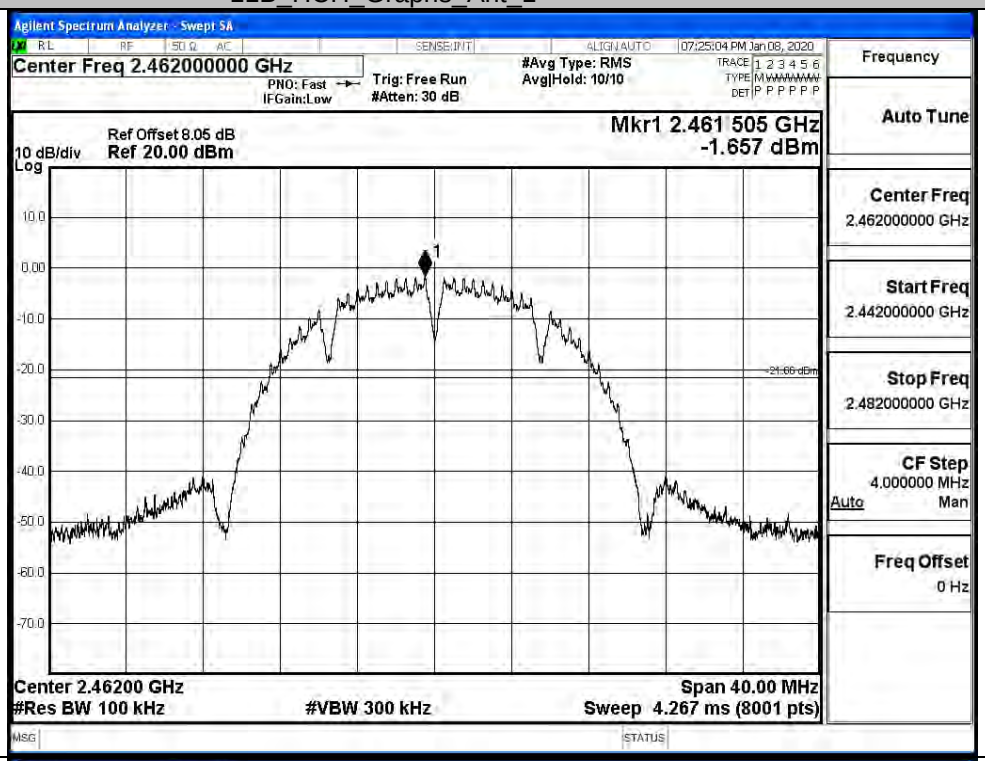
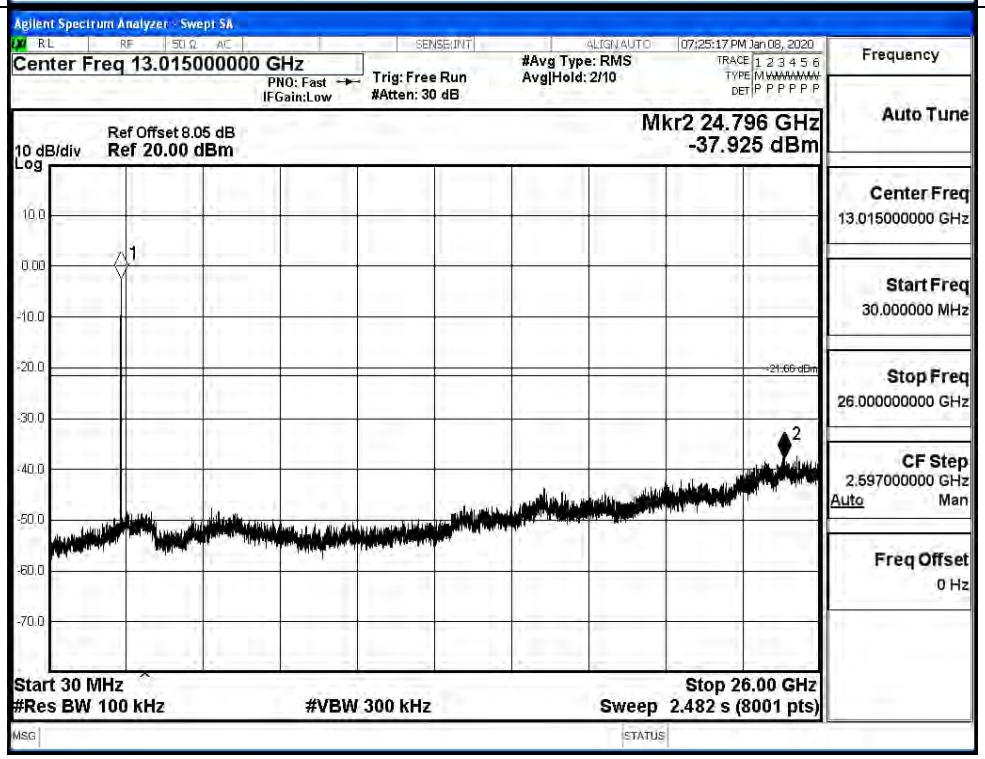
Pref/11N40/ HCH	
Puw/11N40/ HCH	

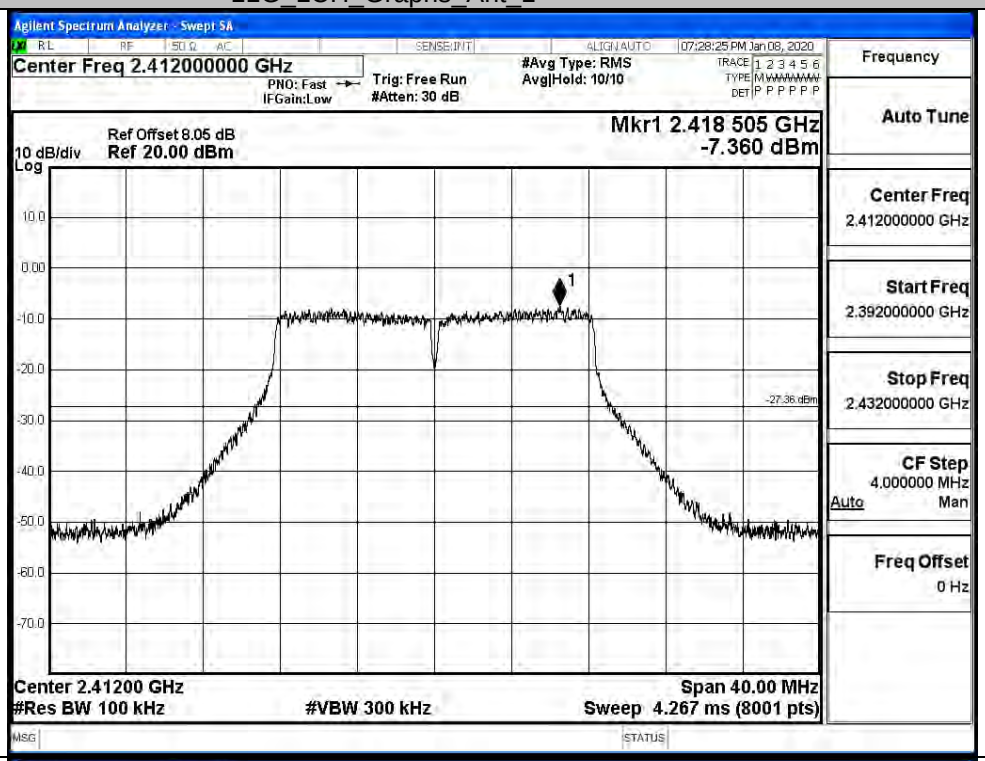
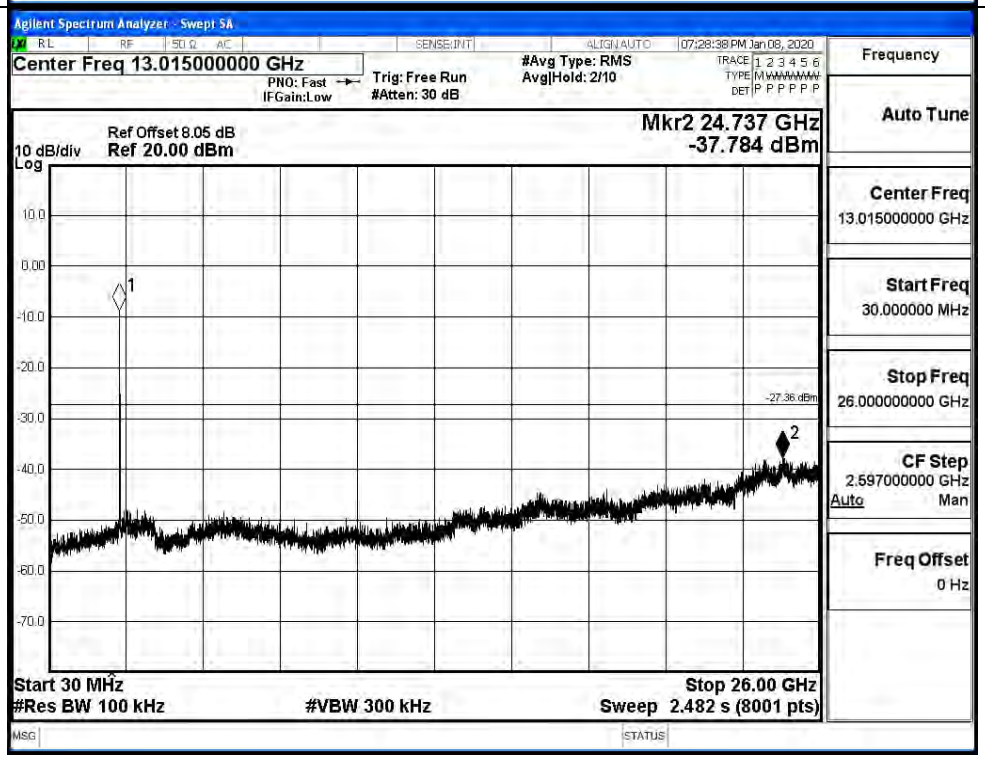
Ant_1

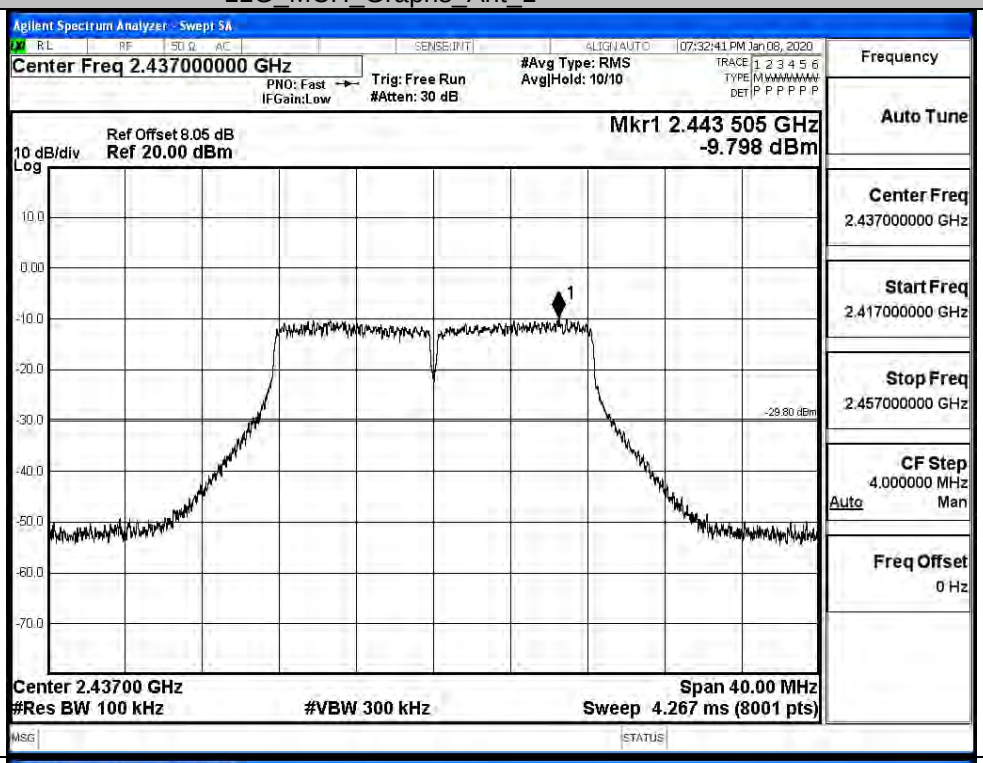
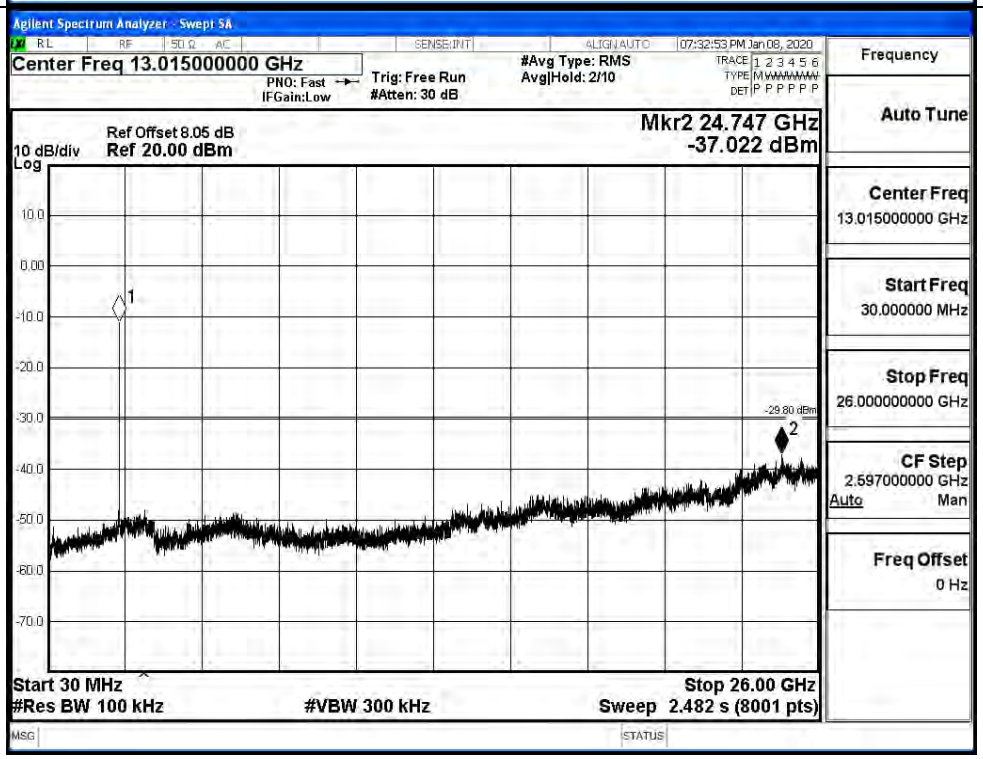
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.175	-38.484	-20.175	PASS
	MCH	-0.315	-37.808	-20.315	PASS
	HCH	-1.657	-37.925	-21.657	PASS
11G	LCH	-7.36	-37.784	-27.360	PASS
	MCH	-9.798	-37.022	-29.798	PASS
	HCH	-10.788	-37.252	-30.788	PASS
11N20	LCH	-9.556	-37.639	-29.556	PASS
	MCH	-9.597	-37.569	-29.597	PASS
	HCH	-10.285	-36.697	-30.285	PASS
11N40	LCH	-13.209	-38.350	-33.209	PASS
	MCH	-13.217	-37.339	-33.217	PASS
	HCH	-13.322	-37.771	-33.322	PASS

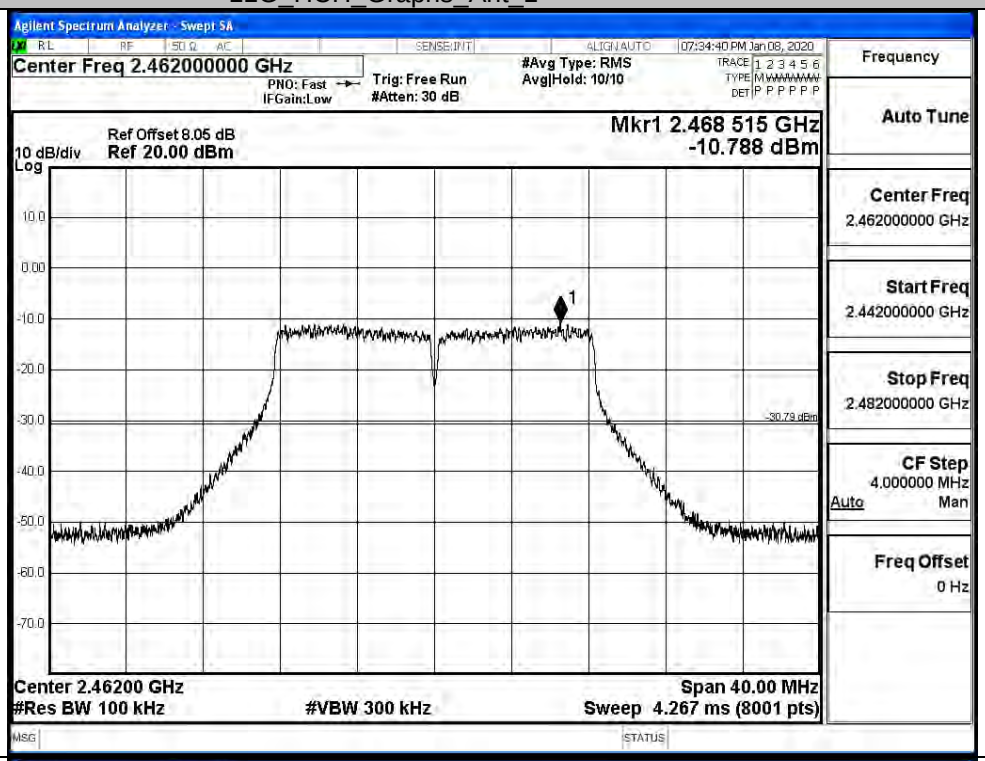
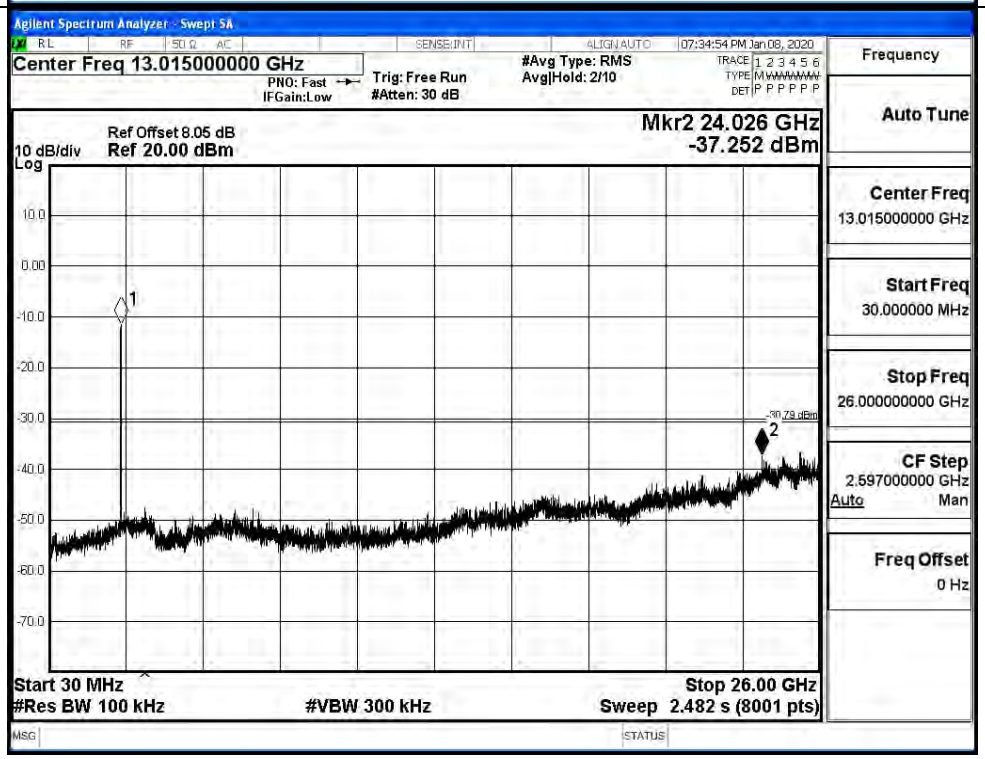
11B_LCH_Graphs_Ant_1	
Pref/11B/LCH	
Puw/11B/LCH	

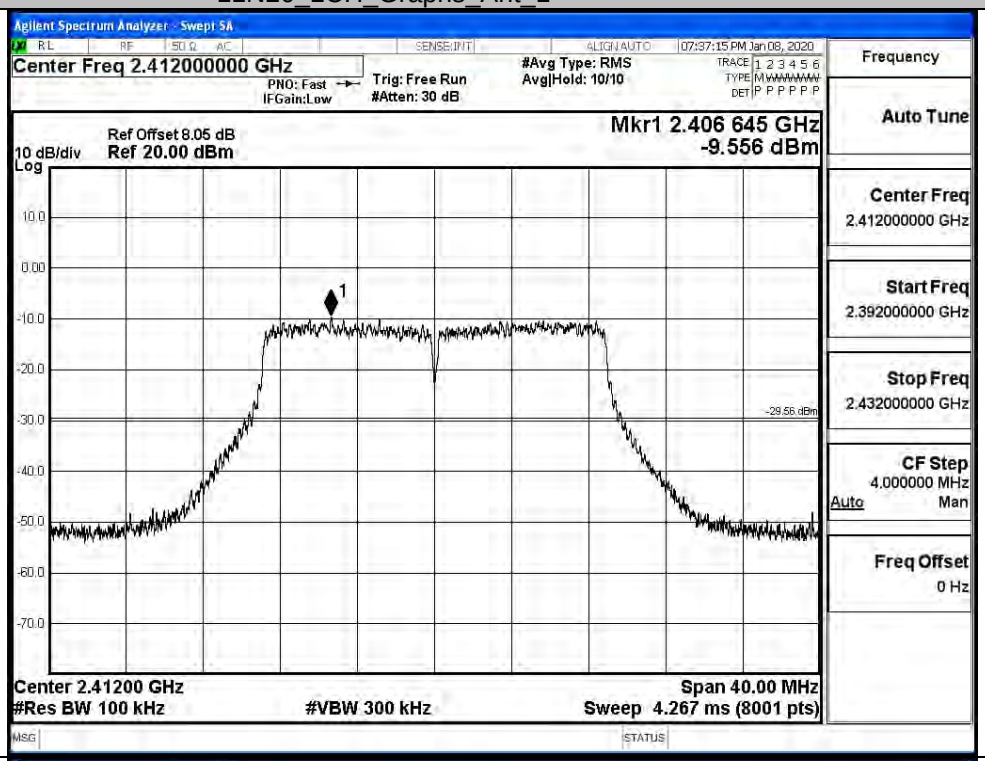
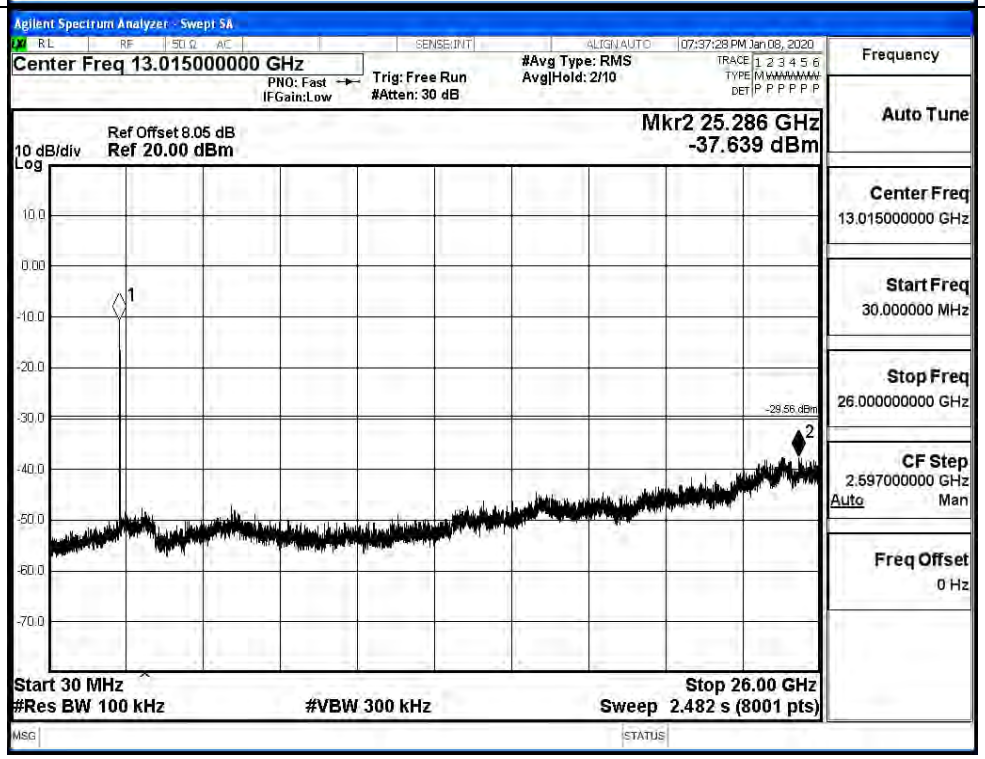
11B_MCH_Graphs_Ant_1	
Pref/11B/MCH	
Puw/11B/MCH	

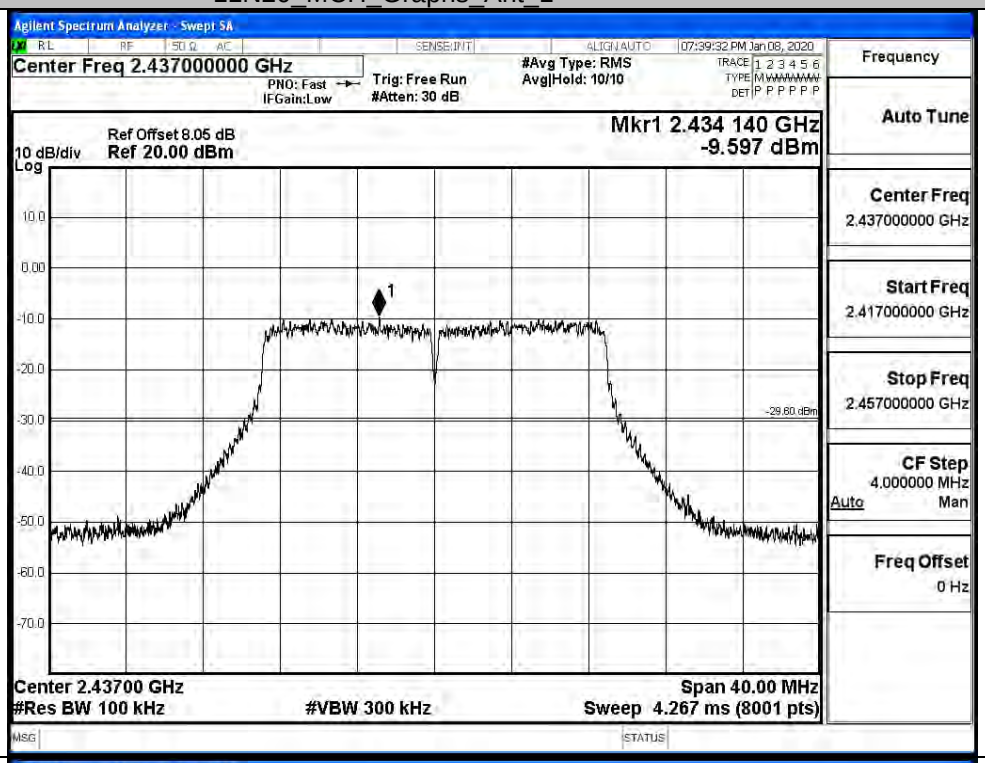
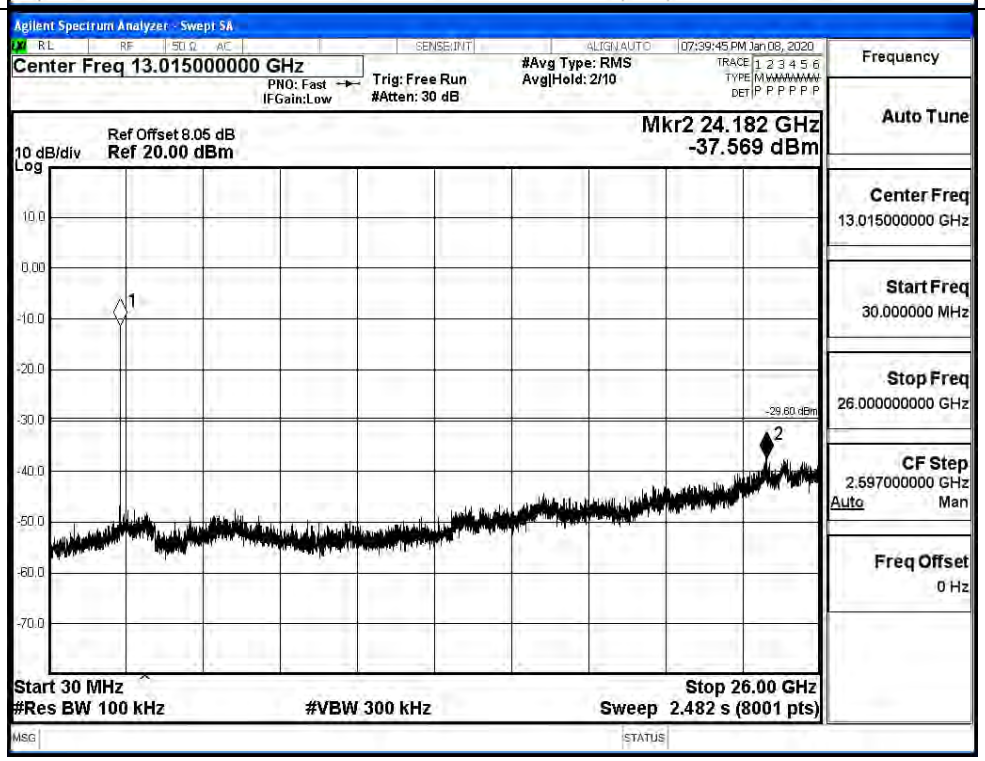
11B_HCH_Graphs_Ant_1	
Pref/11B/HCH	
Puw/11B/HCH	

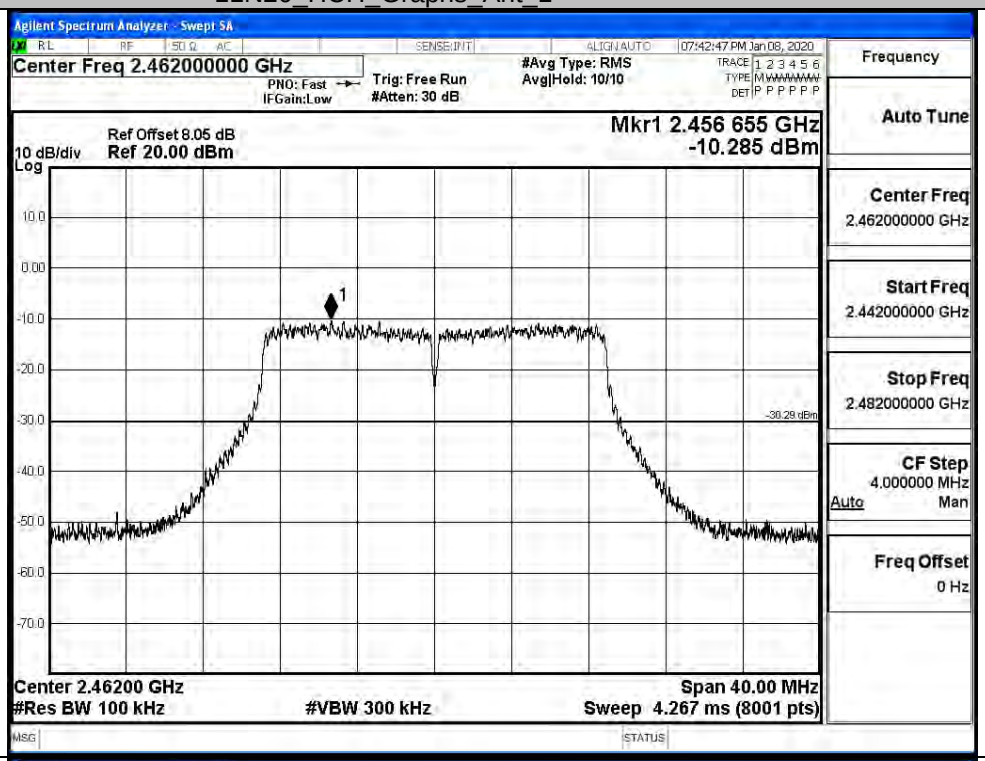
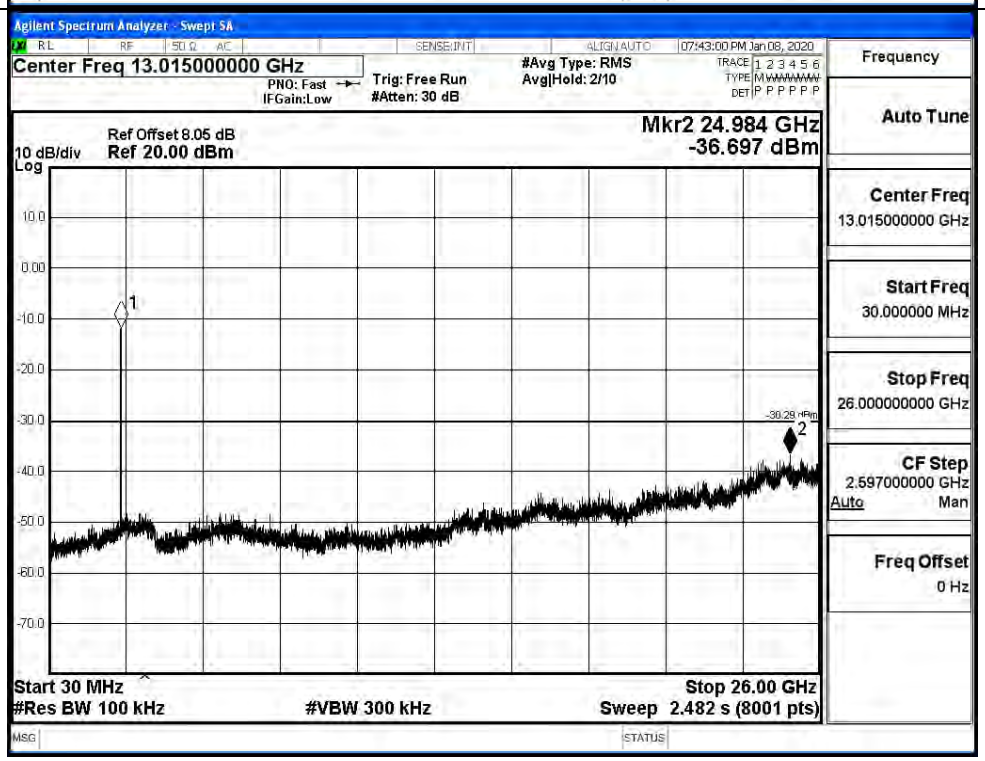
11G_LCH_Graphs_Ant_1	
Pref/11G/LCH	
Puw/11G/LCH	

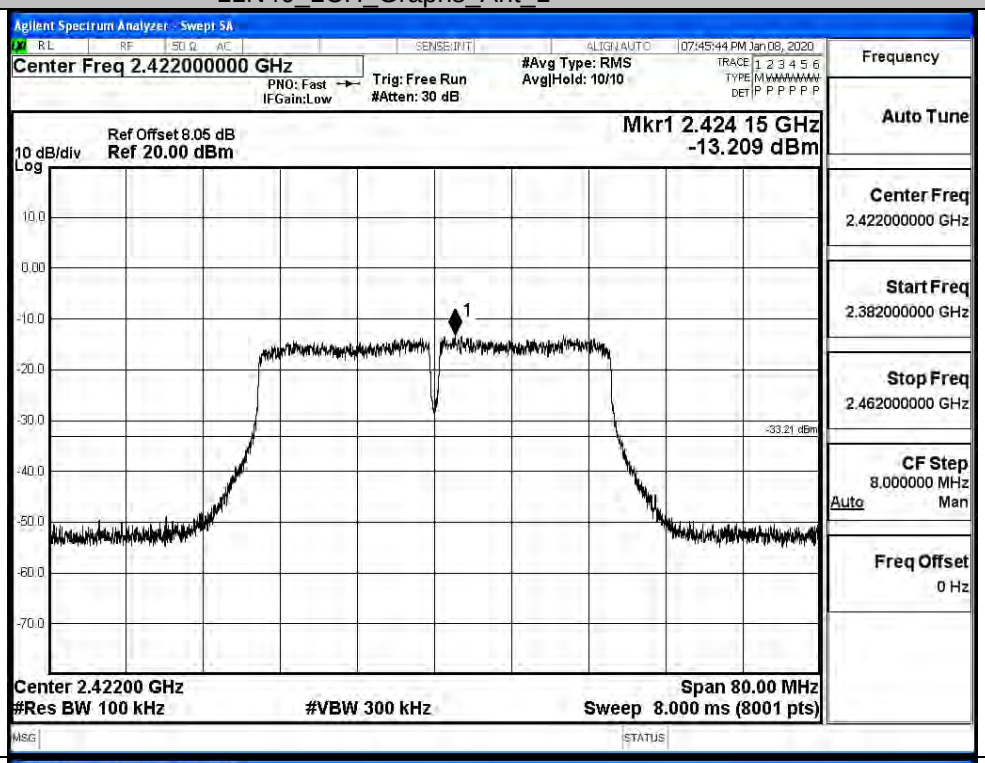
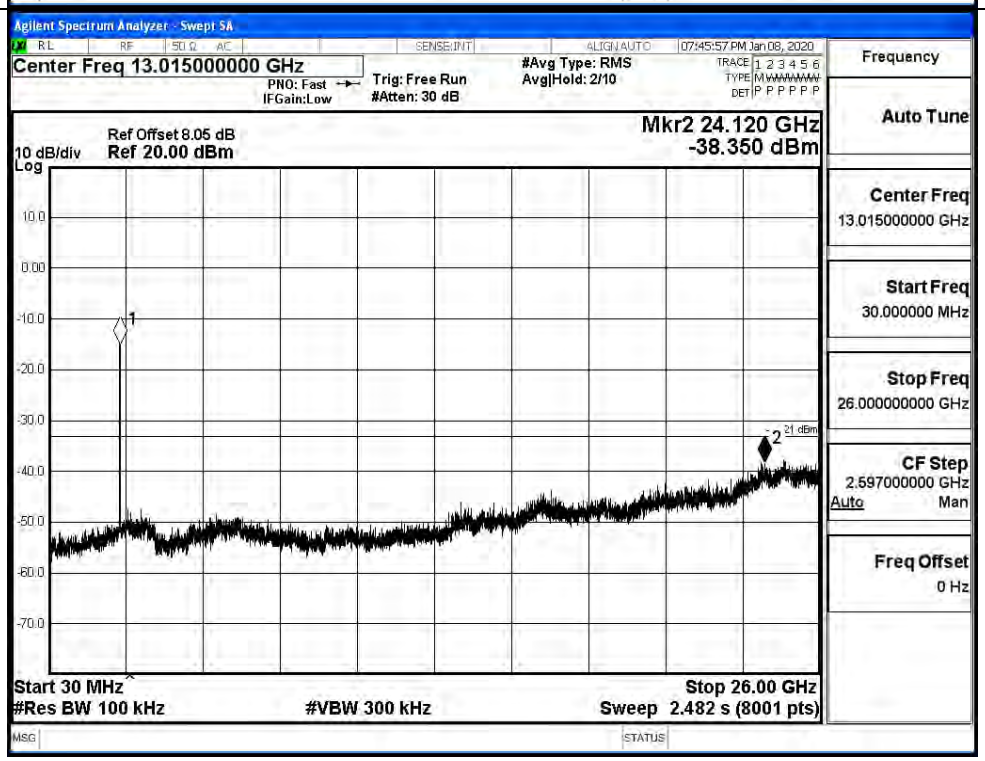
11G_MCH_Graphs_Ant_1	
Pref/11G/MCH	
Puw/11G/MCH	

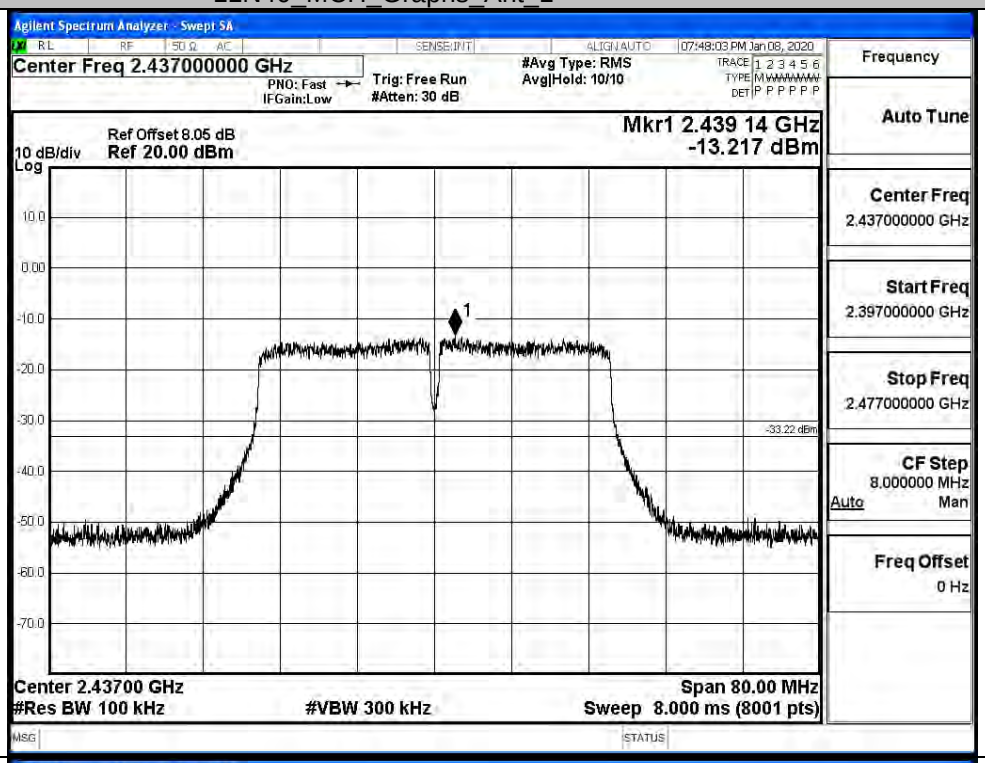
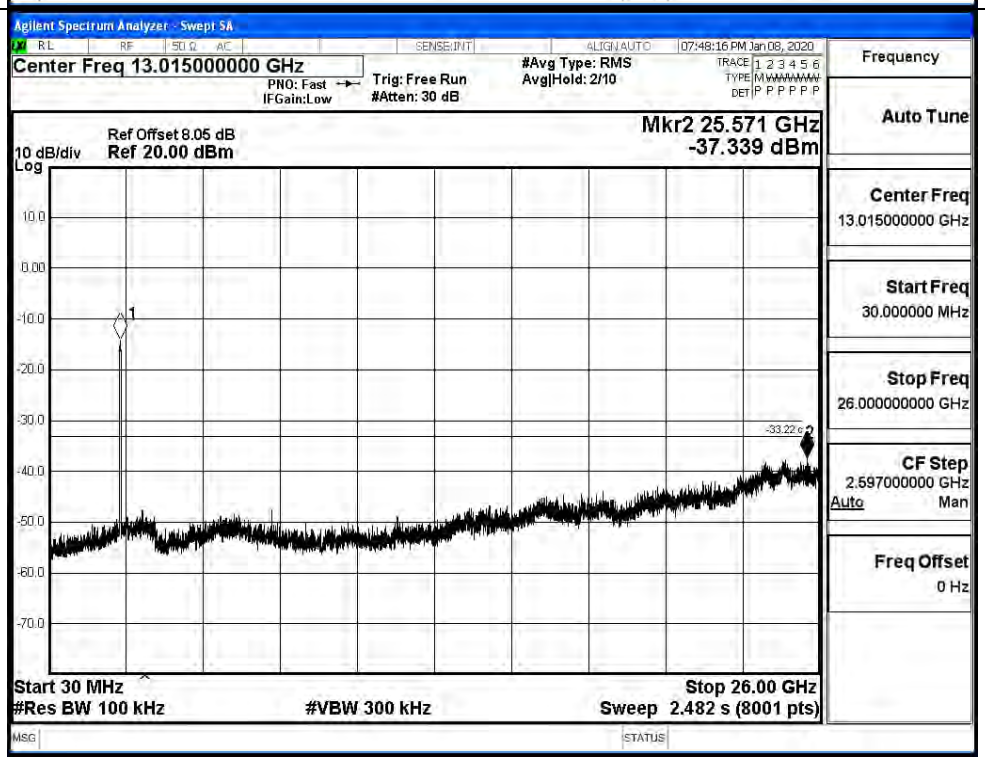
11G_HCH_Graphs_Ant_1	
Pref/11G/HCH	
Puw/11G/HCH	

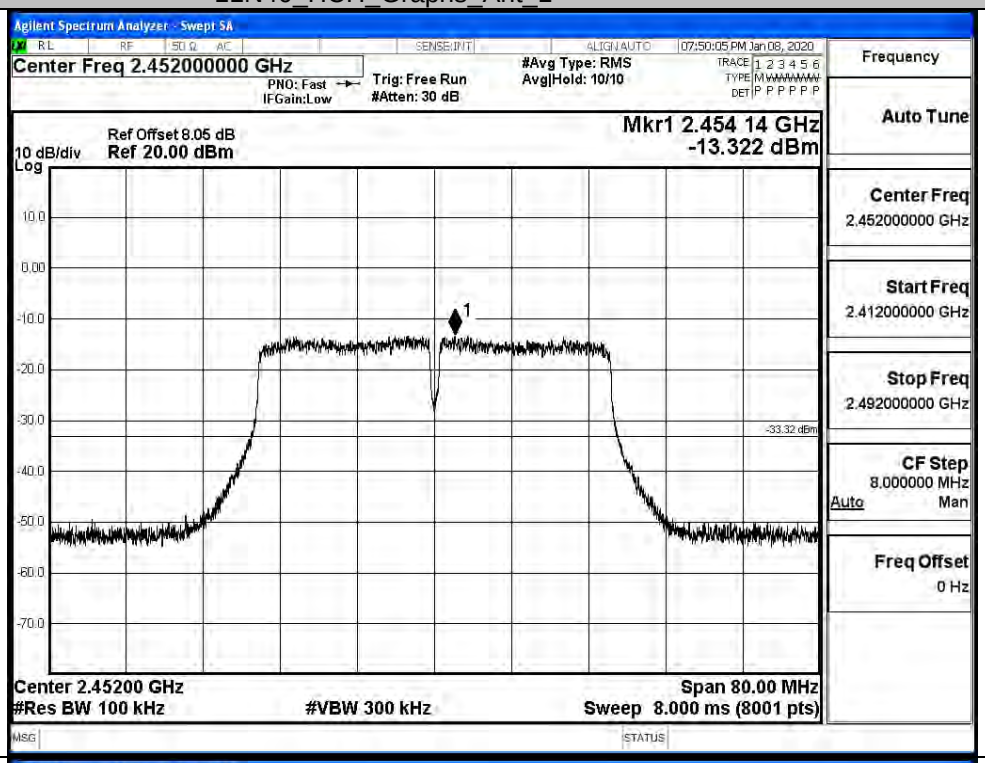
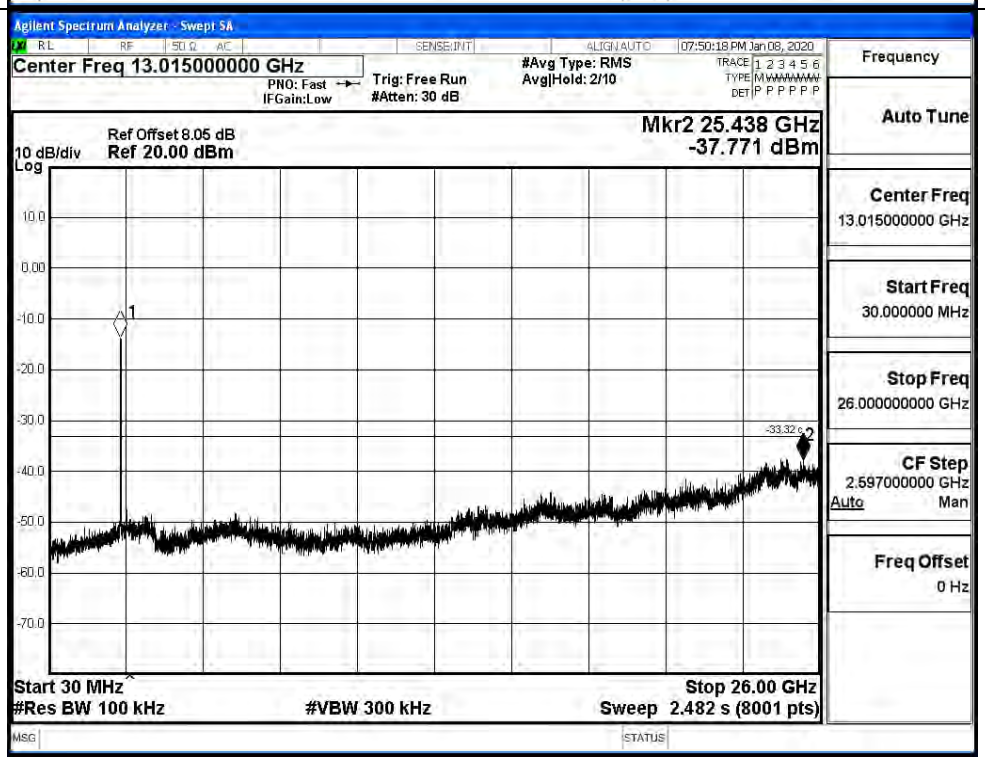
11N20_LCH_Graphs_Ant_1	
Pref/11N20/ LCH	
Puw/11N20/ LCH	

11N20_MCH_Graphs_Ant_1	
Pref/11N20/ MCH	
Puw/11N20/ MCH	

11N20_HCH_Graphs_Ant_1	
Pref/11N20/ HCH	
Puw/11N20/ HCH	

11N40_LCH_Graphs_Ant_1	
Pref/11N40/ LCH	
Puw/11N40/ LCH	

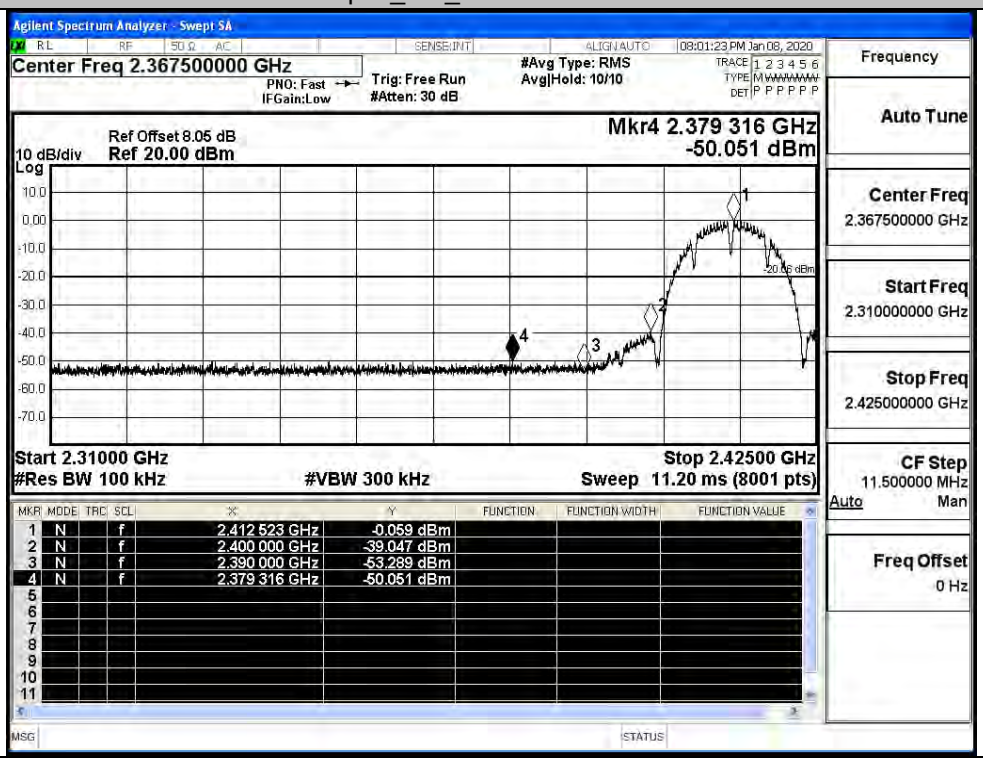
11N40_MCH_Graphs_Ant_1		
Pref/11N40/ MCH		
Puw/11N40/ MCH		

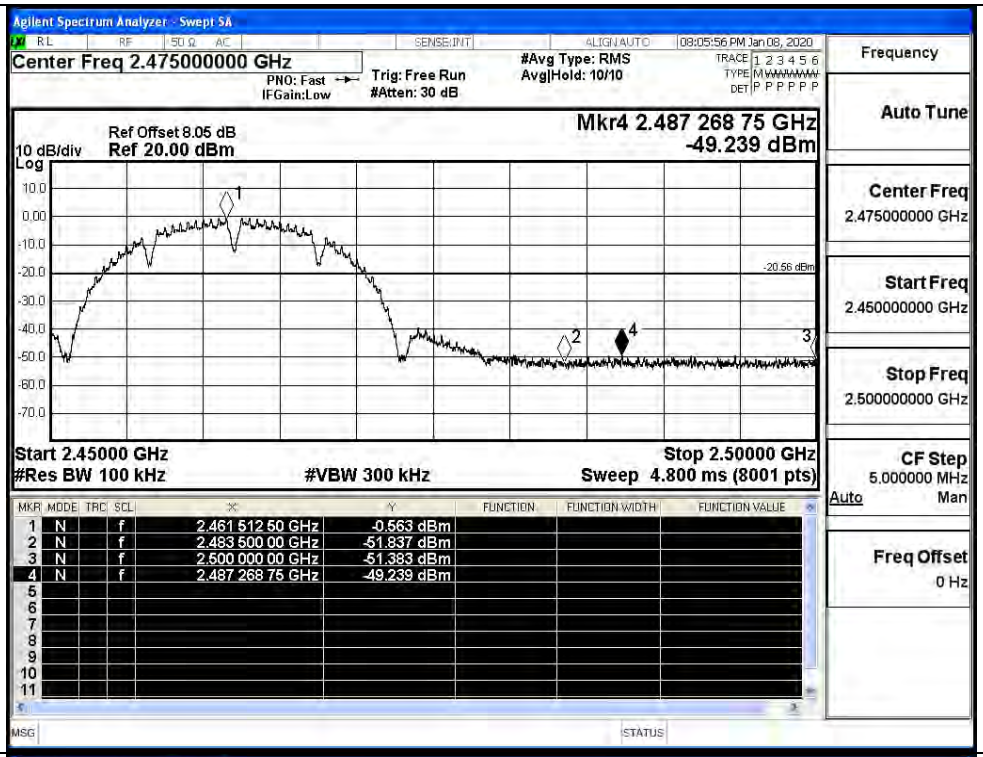
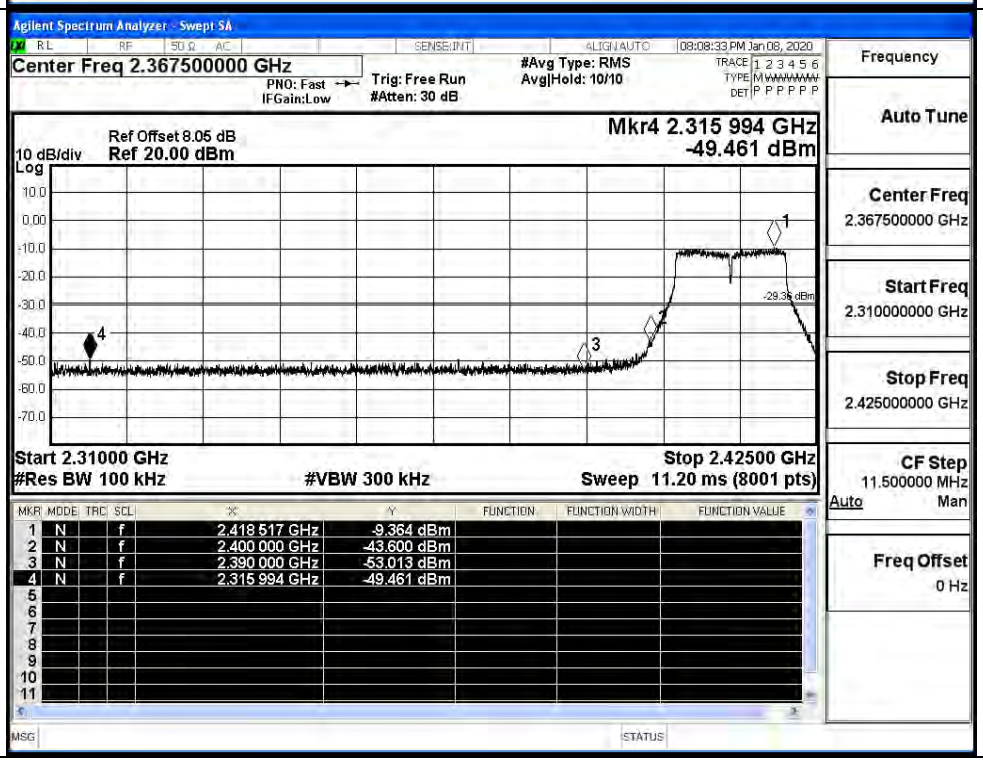
11N40_HCH_Graphs_Ant_1	
Pref/11N40/ HCH	
Puw/11N40/ HCH	

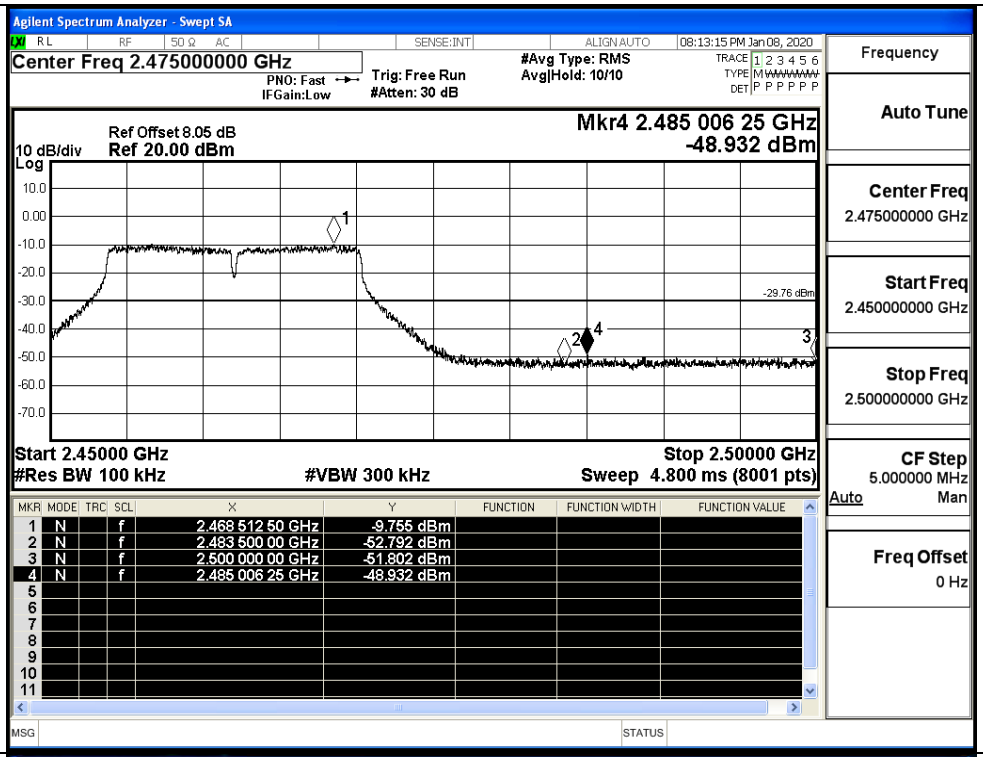
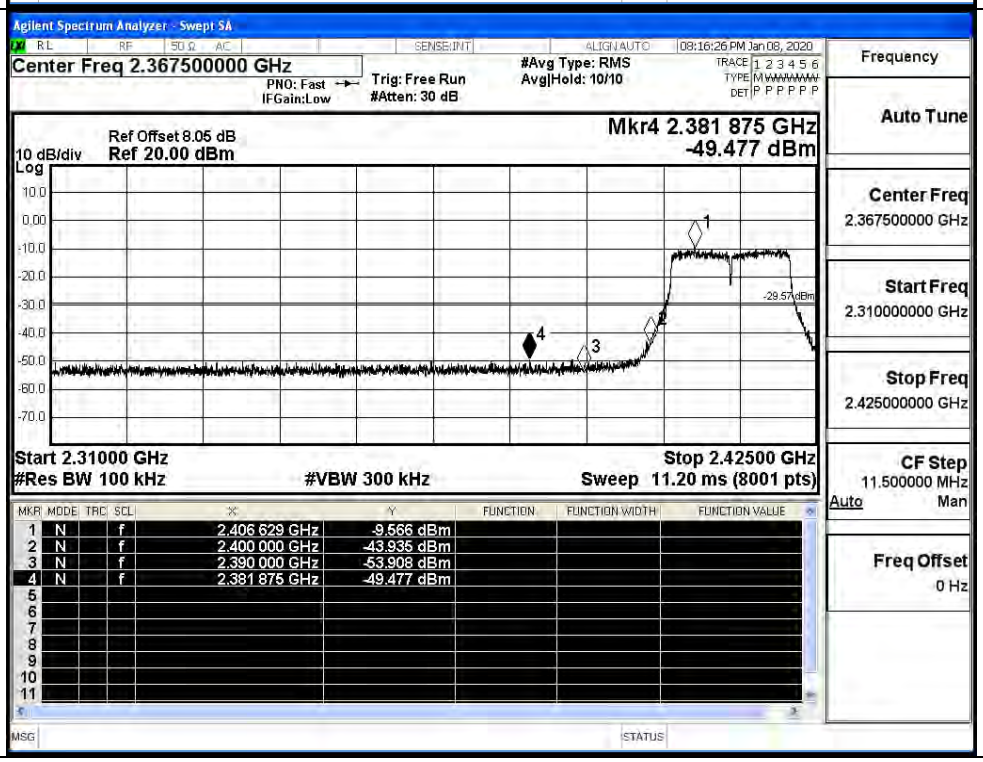
A.6 Band-edge for RF Conducted Emissions

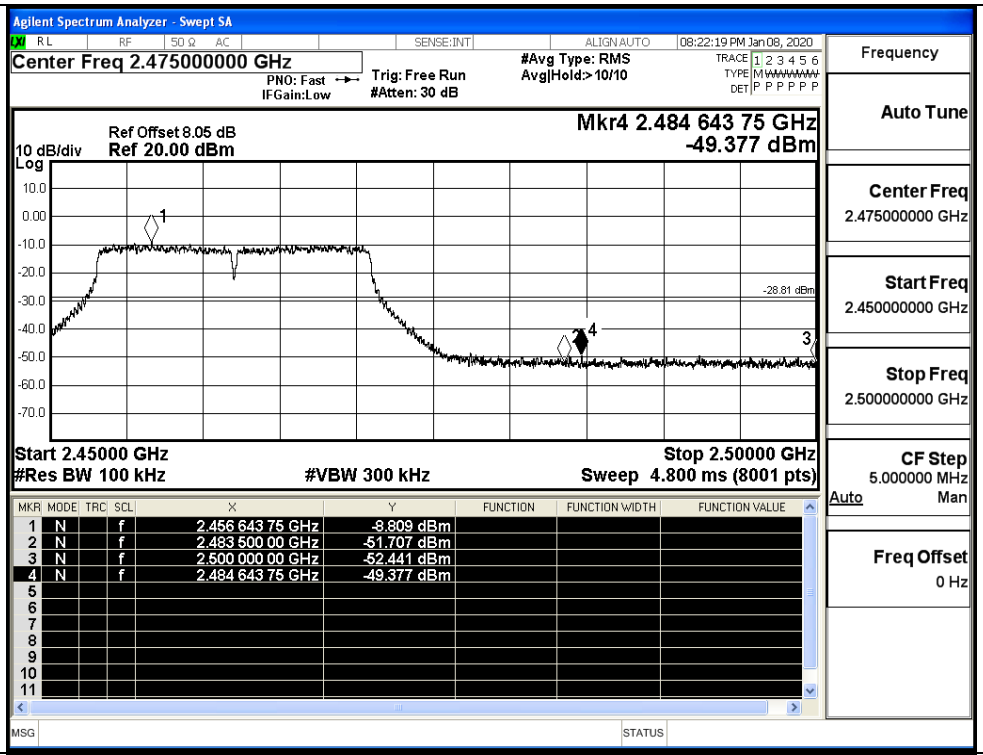
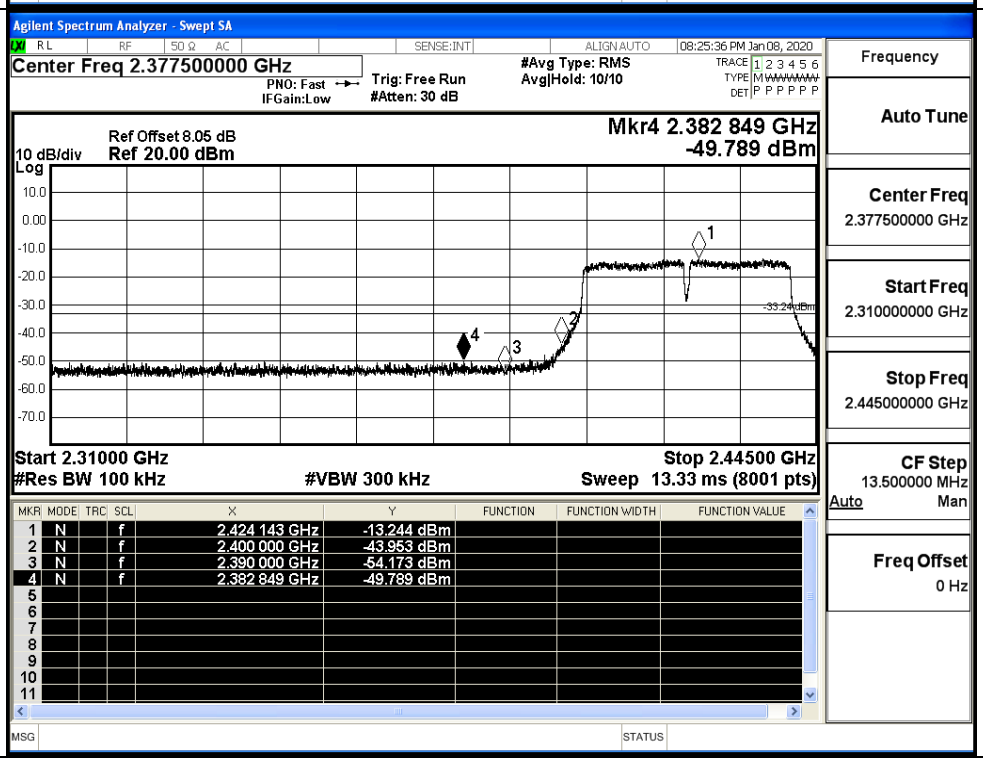
Ant_0

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.059	-50.051	-20.06	PASS
	HCH	-0.563	-49.239	-20.56	PASS
11G	LCH	-9.364	-49.461	-29.36	PASS
	HCH	-9.755	-48.932	-29.76	PASS
11N20	LCH	-9.566	-49.477	-29.57	PASS
	HCH	-8.809	-49.377	-28.81	PASS
11N40	LCH	-13.244	-49.789	-33.24	PASS
	HCH	-13.286	-48.732	-33.29	PASS

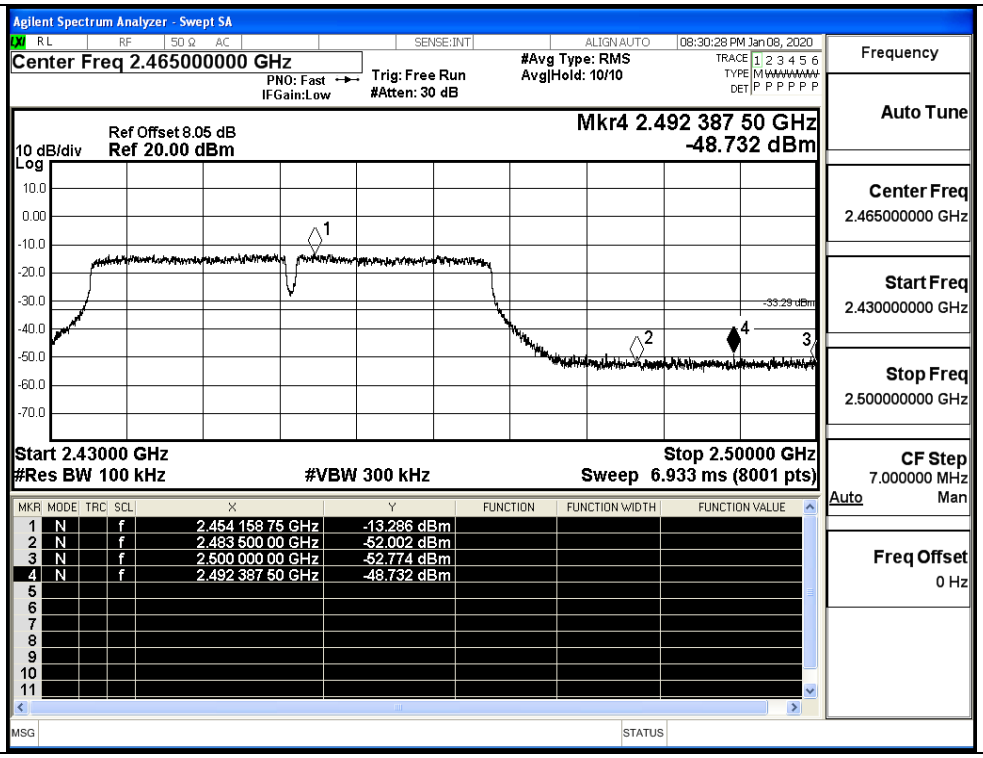
Test Graphs_Ant_0	
11B/LCH	

11B/HCH		
11G/LCH		

11G/HCH		
11N20/LCH		

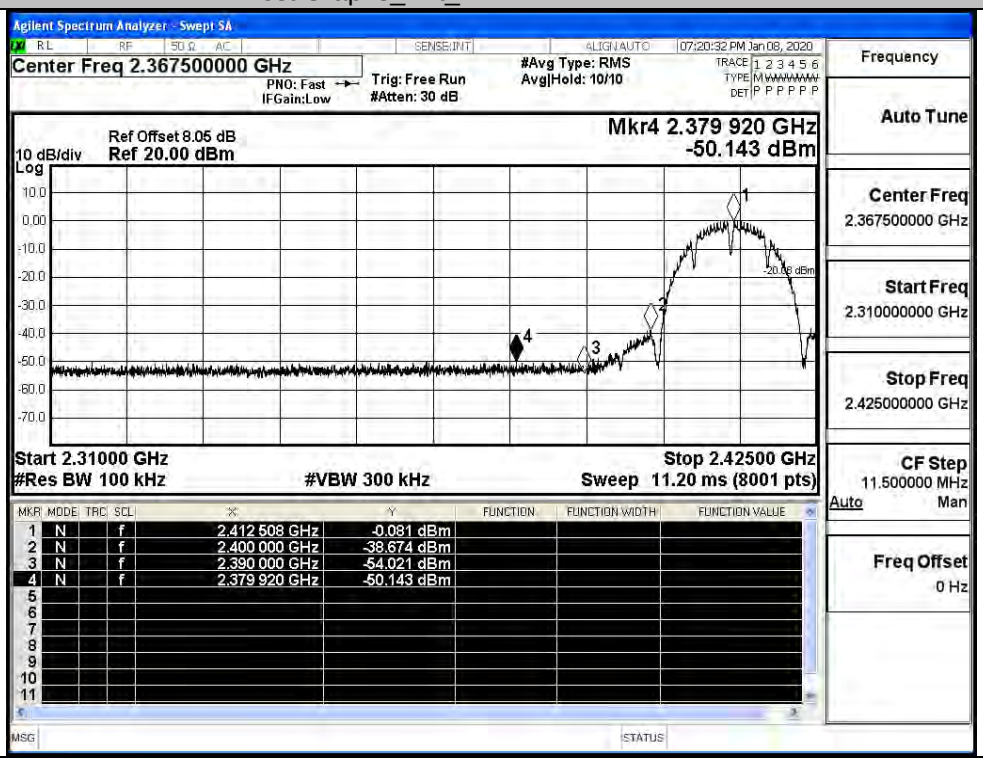
11N20/HCH		
11N40/LCH		

11N40/HCH

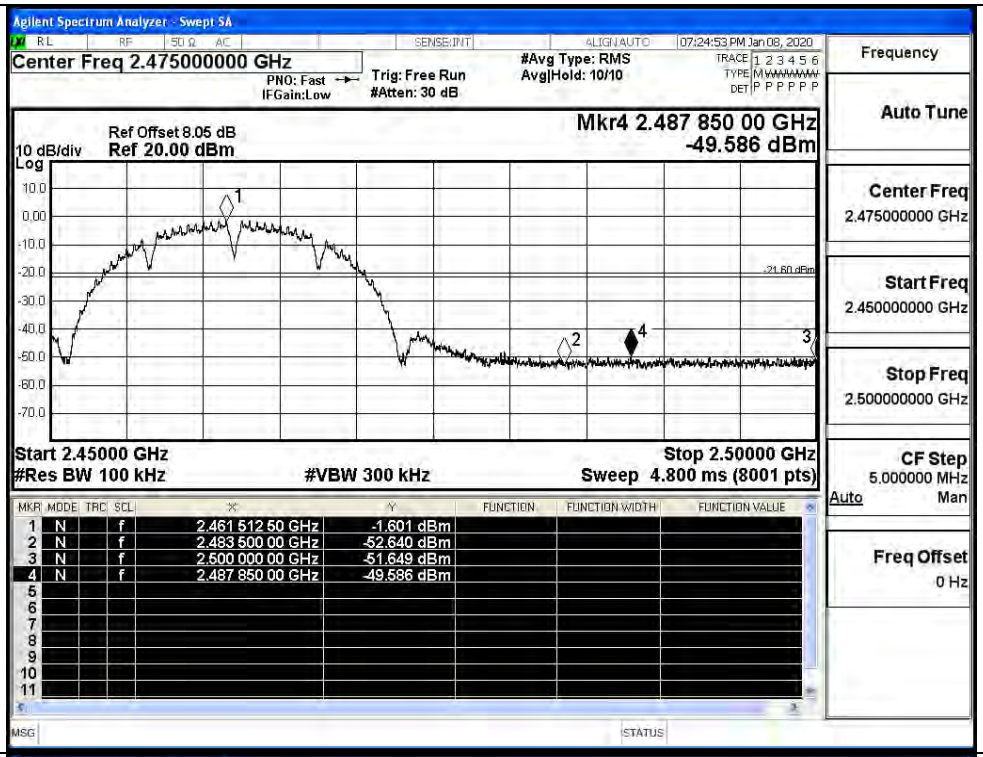

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
08:30:28 PM Jan 08, 2020
Ref Offset 8.05 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 2.492 387 50 GHz
-48.732 dBm
-33.29 dBm
Start 2.43000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.933 ms (8001 pts)
1 N f 2.454 158 75 GHz -13.286 dBm
2 N f 2.483 500 00 GHz -52.002 dBm
3 N f 2.500 000 00 GHz -52.774 dBm
4 N f 2.492 387 50 GHz -48.732 dBm
Frequency
Auto Tune
Center Freq
2.465000000 GHz
Start Freq
2.430000000 GHz
Stop Freq
2.500000000 GHz
CF Step
7.000000 MHz
Auto
Man
Freq Offset
0 Hz

Ant_1

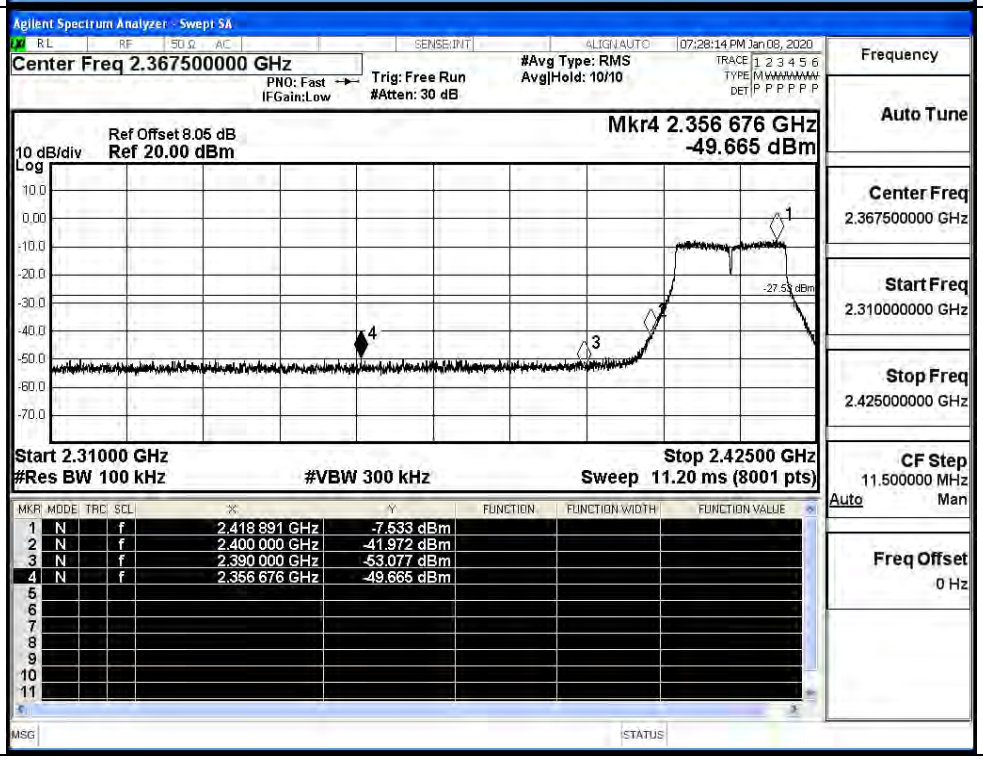
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.081	-50.143	-20.08	PASS
	HCH	-1.601	-49.586	-21.6	PASS
11G	LCH	-7.533	-49.665	-27.53	PASS
	HCH	-10.756	-49.795	-30.76	PASS
11N20	LCH	-9.434	-49.684	-29.43	PASS
	HCH	-10.135	-49.177	-30.14	PASS
11N40	LCH	-13.640	-49.462	-33.64	PASS
	HCH	-12.914	-48.530	-32.91	PASS

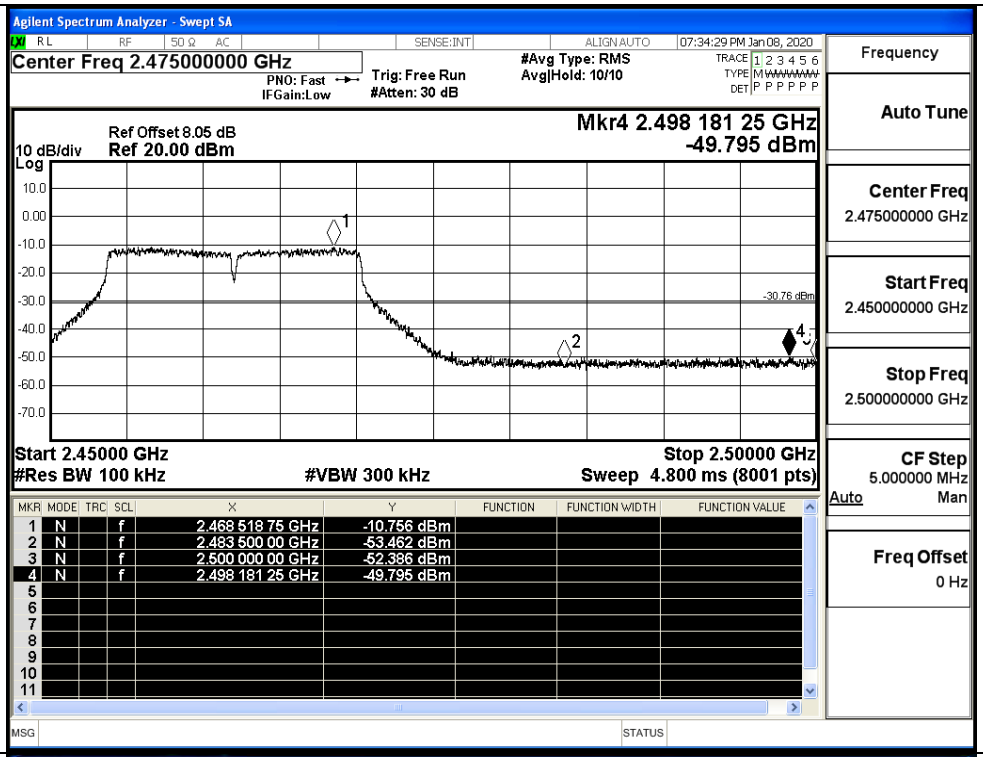
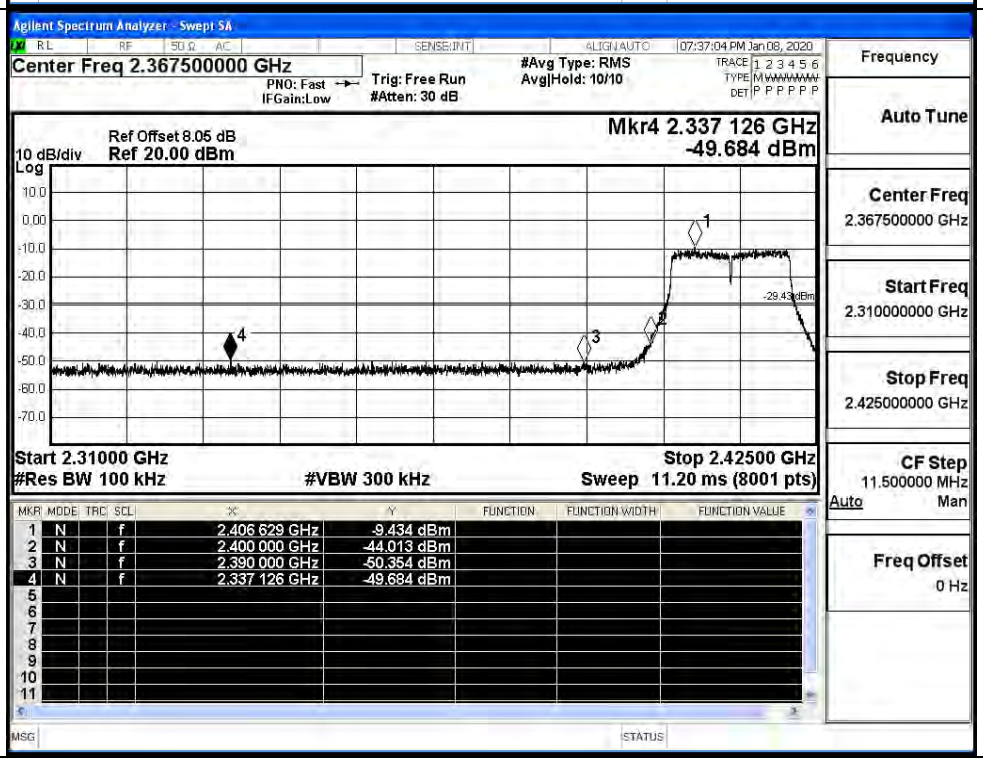
Test Graphs_Ant_1	
11B/LCH	

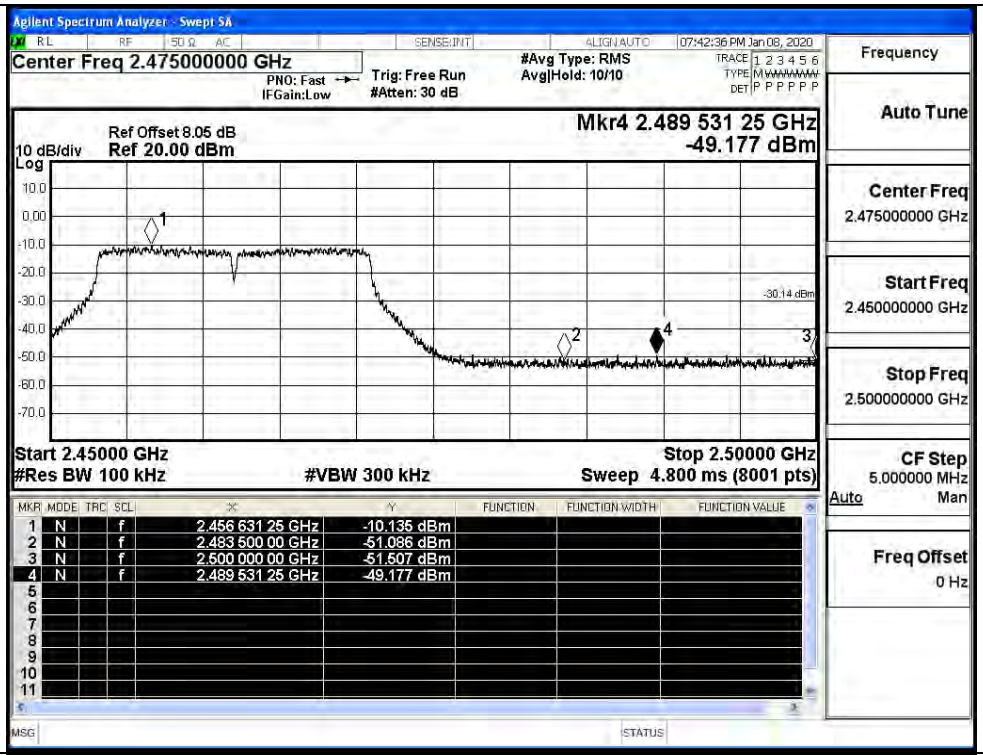
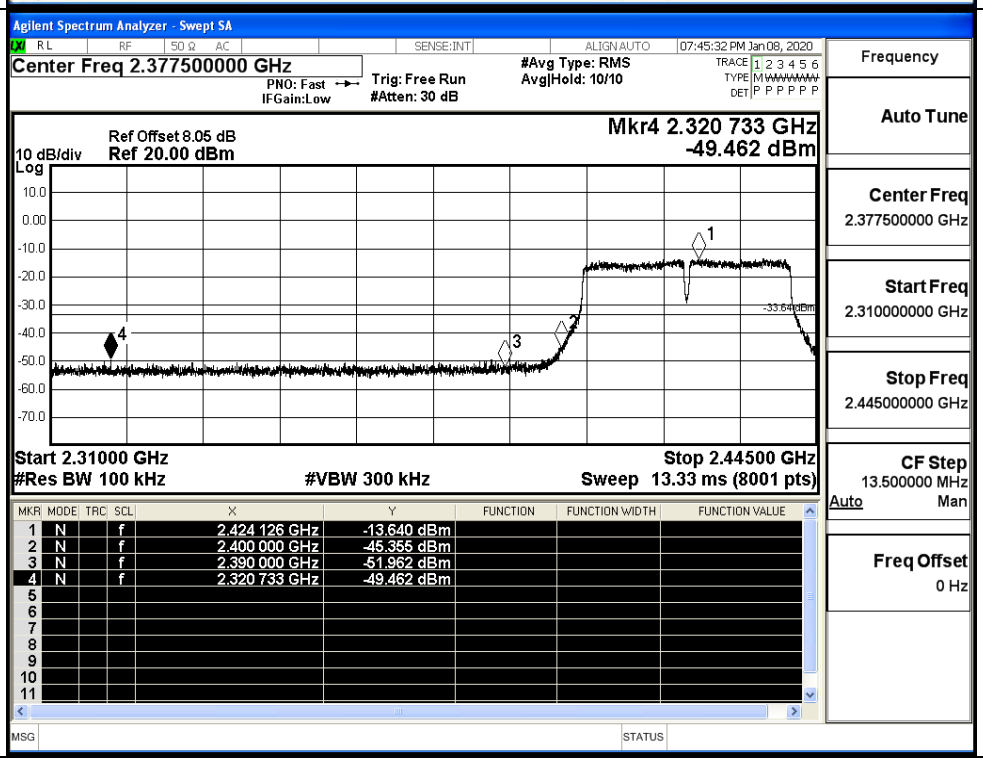
11B/HCH



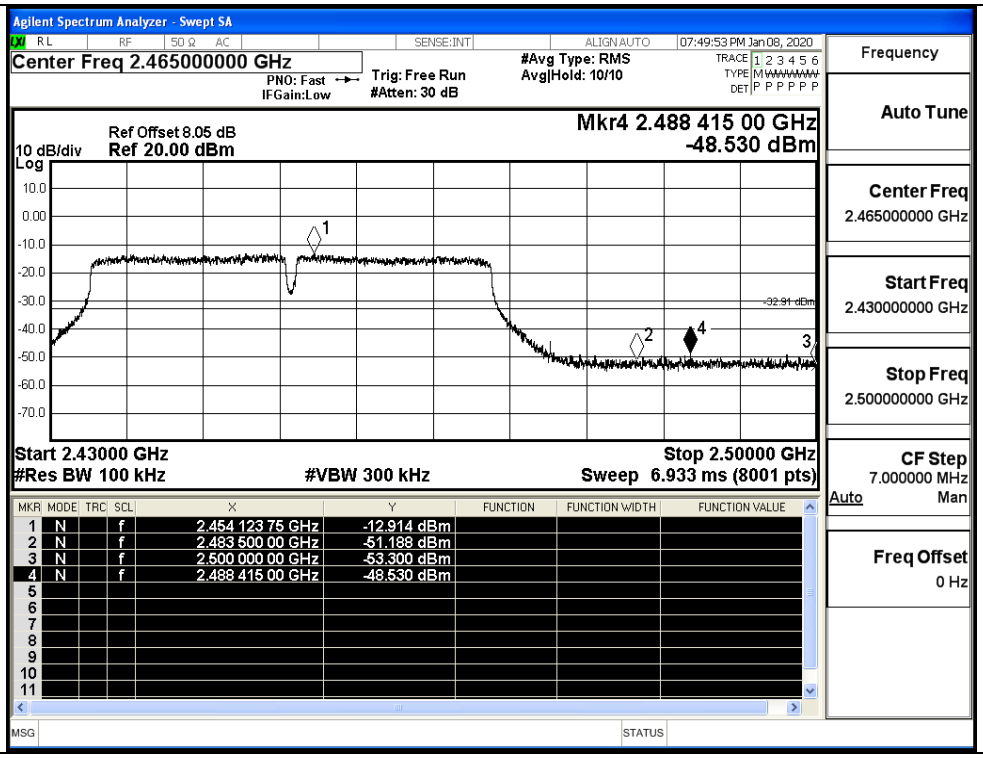
11G/LCH



11G/HCH		
11N20/LCH		

11N20/HCH		
11N40/LCH		

11N40/HCH


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
07:49:53 PM Jan 08, 2020
Ref Offset 8.05 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 2.488 415 00 GHz
-48.530 dBm
-32.91 dBm
Start 2.43000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.933 ms (8001 pts)
1 N f 2.454 123 75 GHz -12.914 dBm
2 N f 2.483 500 00 GHz -51.188 dBm
3 N f 2.500 000 00 GHz -53.300 dBm
4 N f 2.488 415 00 GHz -48.530 dBm
Frequency
Auto Tune
Center Freq
2.465000000 GHz
Start Freq
2.430000000 GHz
Stop Freq
2.500000000 GHz
CF Step
7.000000 MHz
Auto
Man
Freq Offset
0 Hz

A.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant_0	2310.0	-42.76	5.0	0	57.5	PEAK	74	PASS
	2412	Ant_0	2310.0	-53.51	5.0	0	46.75	AV	54	PASS
	2412	Ant_0	2390.0	-42.50	5.0	0	57.76	PEAK	74	PASS
	2412	Ant_0	2390.0	-52.87	5.0	0	47.39	AV	54	PASS
	2462	Ant_0	2483.5	-40.72	5.0	0	59.54	PEAK	74	PASS
	2462	Ant_0	2483.5	-52.54	5.0	0	47.72	AV	54	PASS
	2462	Ant_0	2500.0	-41.86	5.0	0	58.4	PEAK	74	PASS
	2462	Ant_0	2500.0	-52.52	5.0	0	47.74	AV	54	PASS
11G	2412	Ant_0	2310.0	-43.56	5.0	0	56.7	PEAK	74	PASS
	2412	Ant_0	2310.0	-53.59	5.0	0	46.67	AV	54	PASS
	2412	Ant_0	2390.0	-42.90	5.0	0	57.36	PEAK	74	PASS
	2412	Ant_0	2390.0	-52.92	5.0	0	47.34	AV	54	PASS
	2462	Ant_0	2483.5	-41.80	5.0	0	58.46	PEAK	74	PASS
	2462	Ant_0	2483.5	-52.60	5.0	0	47.66	AV	54	PASS
	2462	Ant_0	2500.0	-41.84	5.0	0	58.42	PEAK	74	PASS
	2462	Ant_0	2500.0	-52.56	5.0	0	47.7	AV	54	PASS
11N20	2412	Ant_0	2310.0	-43.67	5.0	0	56.59	PEAK	74	PASS
	2412	Ant_0	2310.0	-53.52	5.0	0	46.74	AV	54	PASS
	2412	Ant_0	2390.0	-43.16	5.0	0	57.1	PEAK	74	PASS
	2412	Ant_0	2390.0	-52.86	5.0	0	47.4	AV	54	PASS
	2462	Ant_0	2483.5	-41.71	5.0	0	58.55	PEAK	74	PASS
	2462	Ant_0	2483.5	-52.47	5.0	0	47.79	AV	54	PASS
	2462	Ant_0	2500.0	-41.98	5.0	0	58.28	PEAK	74	PASS
	2462	Ant_0	2500.0	-52.54	5.0	0	47.72	AV	54	PASS
11N40	2422	Ant_0	2310.0	-43.51	5.0	0	56.75	PEAK	74	PASS
	2422	Ant_0	2310.0	-53.59	5.0	0	46.67	AV	54	PASS

	2422	Ant_0	2390.0	-42.55	5.0	0	57.71	PEAK	74	PASS
	2422	Ant_0	2390.0	-52.83	5.0	0	47.43	AV	54	PASS
	2452	Ant_0	2483.5	-42.02	5.0	0	58.24	PEAK	74	PASS
	2452	Ant_0	2483.5	-52.51	5.0	0	47.75	AV	54	PASS
	2452	Ant_0	2500.0	-41.74	5.0	0	58.52	PEAK	74	PASS
	2452	Ant_0	2500.0	-52.56	5.0	0	47.7	AV	54	PASS

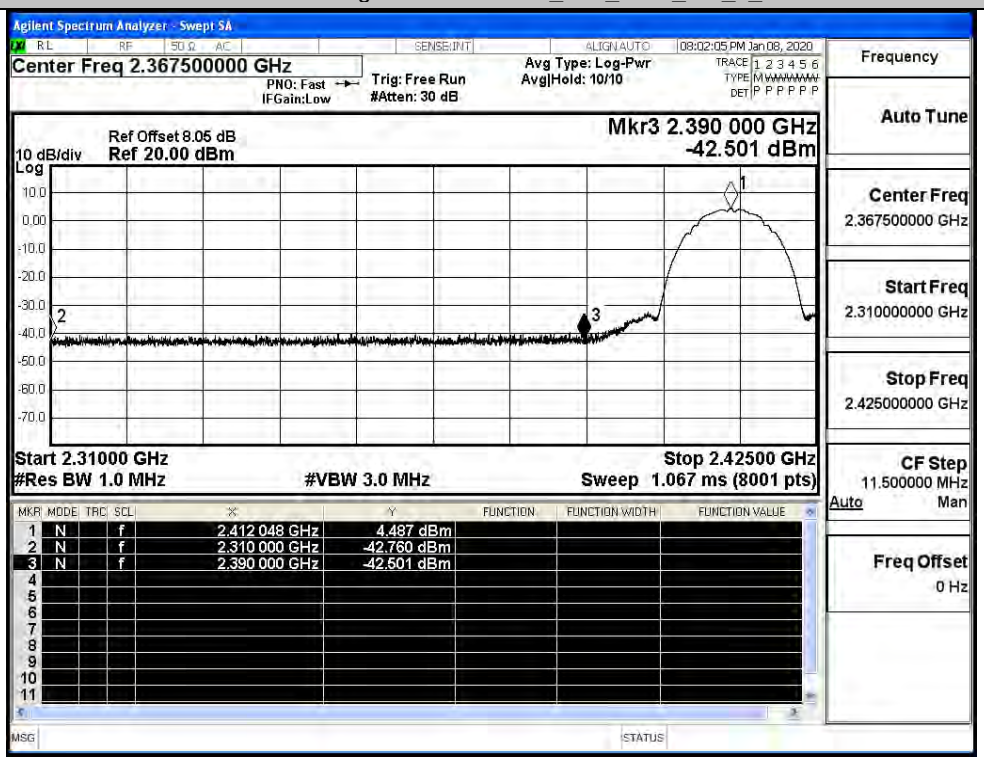
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant_1	2310.0	-42.79	5.0	0	57.47	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.53	5.0	0	46.73	AV	54	PASS
	2412	Ant_1	2390.0	-41.70	5.0	0	58.56	PEAK	74	PASS
	2412	Ant_1	2390.0	-52.91	5.0	0	47.35	AV	54	PASS
	2462	Ant_1	2483.5	-42.12	5.0	0	58.14	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.57	5.0	0	47.69	AV	54	PASS
	2462	Ant_1	2500.0	-42.53	5.0	0	57.73	PEAK	74	PASS
	2462	Ant_1	2500.0	-52.53	5.0	0	47.73	AV	54	PASS
11G	2412	Ant_1	2310.0	-43.03	5.0	0	57.23	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.50	5.0	0	46.76	AV	54	PASS
	2412	Ant_1	2390.0	-40.39	5.0	0	59.87	PEAK	74	PASS
	2412	Ant_1	2390.0	-52.57	5.0	0	47.69	AV	54	PASS
	2462	Ant_1	2483.5	-43.36	5.0	0	56.9	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.67	5.0	0	47.59	AV	54	PASS
	2462	Ant_1	2500.0	-42.99	5.0	0	57.27	PEAK	74	PASS
	2462	Ant_1	2500.0	-52.57	5.0	0	47.69	AV	54	PASS
11N20	2412	Ant_1	2310.0	-44.03	5.0	0	56.23	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.58	5.0	0	46.68	AV	54	PASS
	2412	Ant_1	2390.0	-42.18	5.0	0	58.08	PEAK	74	PASS
	2412	Ant_1	2390.0	-52.85	5.0	0	47.41	AV	54	PASS
	2462	Ant_1	2483.5	-41.22	5.0	0	59.04	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.58	5.0	0	47.68	AV	54	PASS
	2462	Ant_1	2500.0	-41.84	5.0	0	58.42	PEAK	74	PASS

	2462	Ant_1	2500.0	-52.55	5.0	0	47.71	AV	54	PASS
11N40	2422	Ant_1	2310.0	-43.63	5.0	0	56.63	PEAK	74	PASS
	2422	Ant_1	2310.0	-53.56	5.0	0	46.7	AV	54	PASS
	2422	Ant_1	2390.0	-42.56	5.0	0	57.7	PEAK	74	PASS
	2422	Ant_1	2390.0	-52.83	5.0	0	47.43	AV	54	PASS
	2452	Ant_1	2483.5	-41.94	5.0	0	58.32	PEAK	74	PASS
	2452	Ant_1	2483.5	-52.52	5.0	0	47.74	AV	54	PASS
	2452	Ant_1	2500.0	-41.71	5.0	0	58.55	PEAK	74	PASS
	2452	Ant_1	2500.0	-52.55	5.0	0	47.71	AV	54	PASS

Combined Ant_0 and Ant_1

Test Mode	Frequency (MHz)	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2412	-43.67	-44.03	-40.84	8.01	0	62.43	Peak	74.00
	2412	-53.52	-53.58	-50.54	8.01	0	52.73	Average	54.00
	2412	-43.16	-42.18	-39.63	8.01	0	63.64	Peak	74.00
	2412	-52.86	-52.85	-49.84	8.01	0	53.43	Average	54.00
	2462	-41.71	-41.22	-38.45	8.01	0	64.82	Peak	74.00
	2462	-52.47	-52.58	-49.51	8.01	0	53.76	Average	54.00
	2462	-41.98	-41.84	-38.90	8.01	0	64.37	Peak	74.00
	2462	-52.54	-52.55	-49.53	8.01	0	53.74	Average	54.00
11N40 MIMO	2422	-43.51	-43.63	-40.56	8.01	0	62.71	Peak	74.00
	2422	-53.59	-53.56	-50.56	8.01	0	52.71	Average	54.00
	2422	-42.55	-42.56	-39.54	8.01	0	63.73	Peak	74.00
	2422	-52.83	-52.83	-49.82	8.01	0	53.45	Average	54.00
	2452	-42.02	-41.94	-38.97	8.01	0	64.30	Peak	74.00
	2452	-52.51	-52.52	-49.50	8.01	0	53.77	Average	54.00
	2452	-41.74	-41.71	-38.71	8.01	0	64.56	Peak	74.00
	2452	-52.56	-52.55	-49.54	8.01	0	53.73	Average	54.00

Restrict-band band-edge measurements_11B_2412_Ant_0_PEAK



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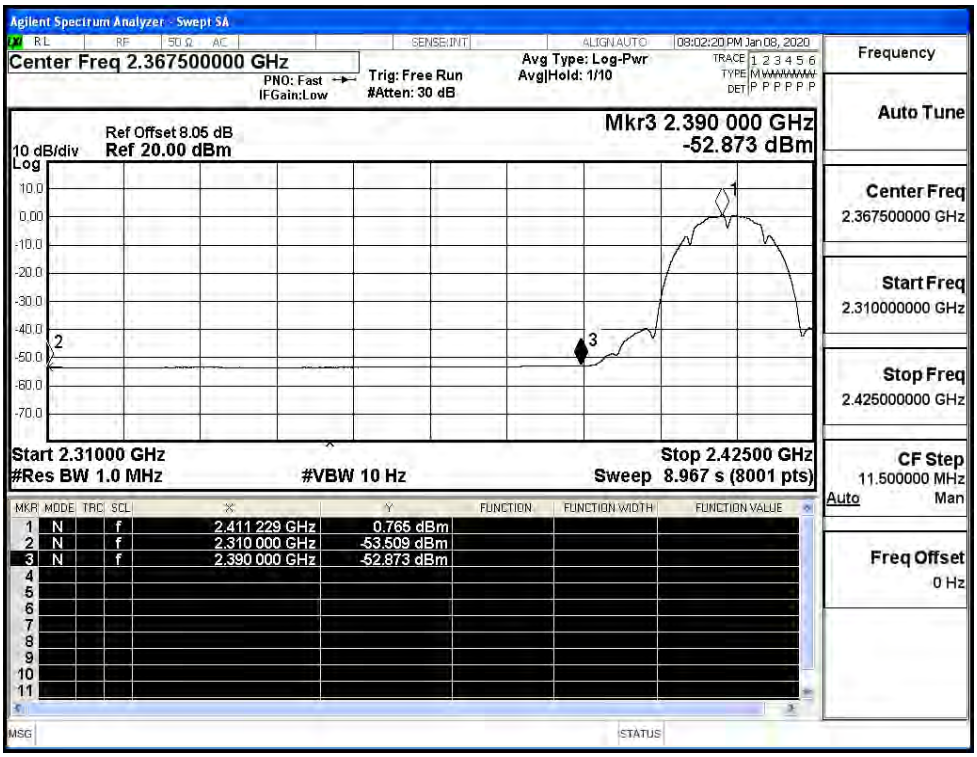

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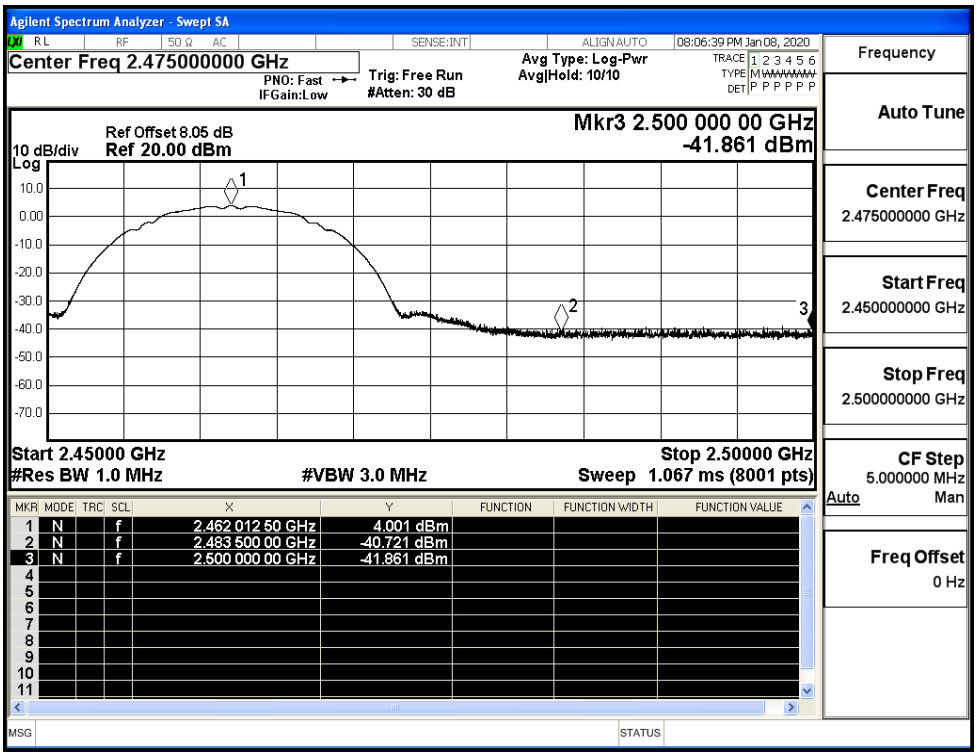

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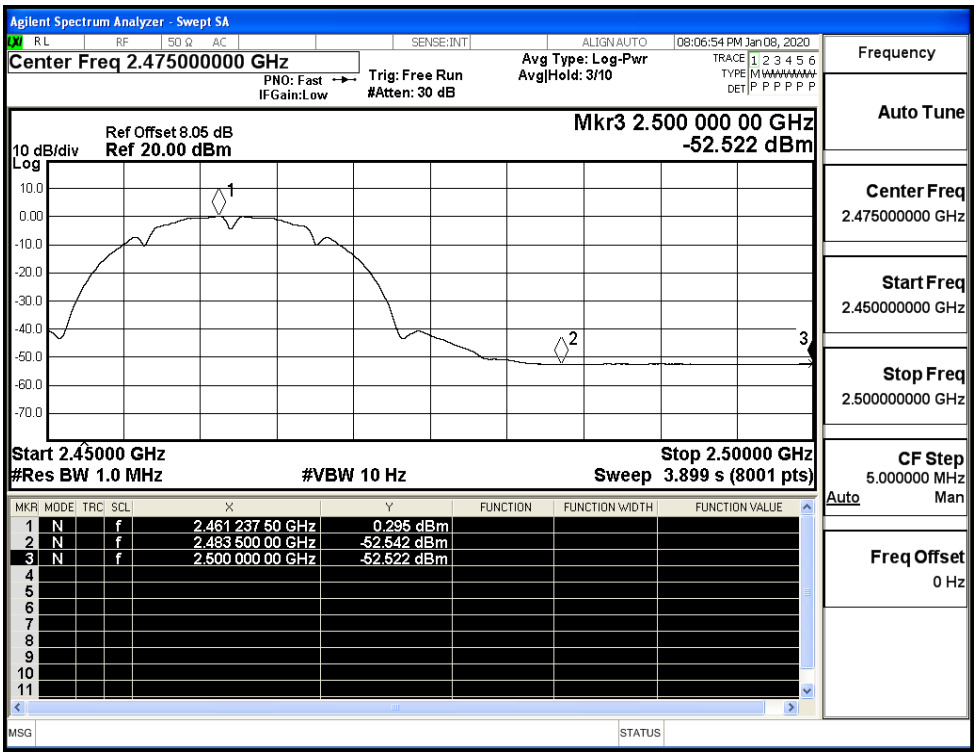

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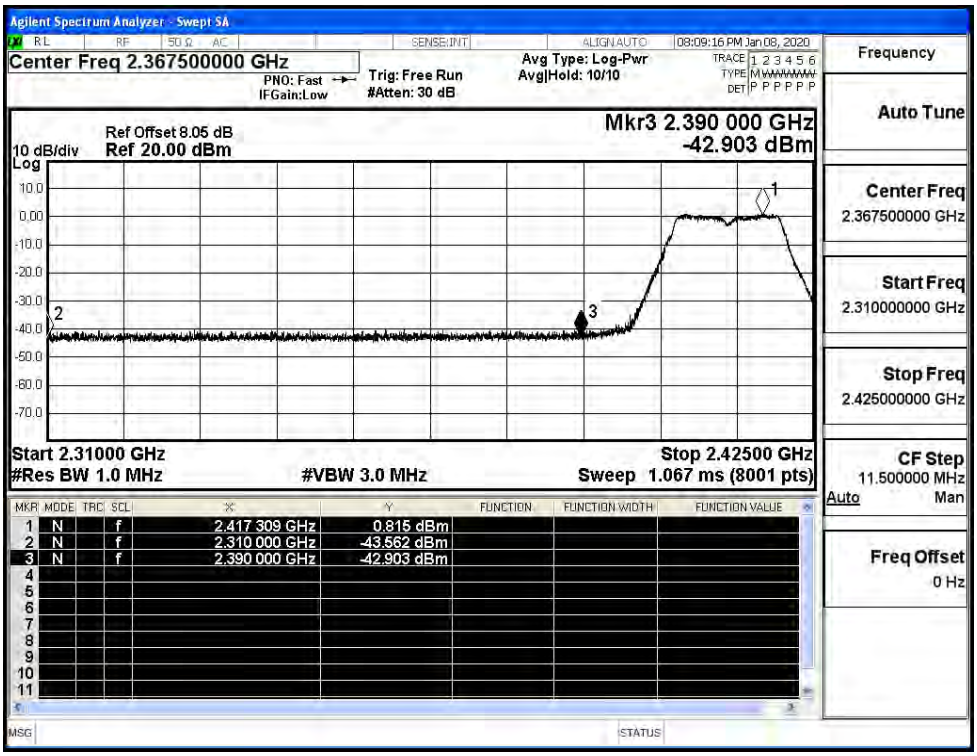

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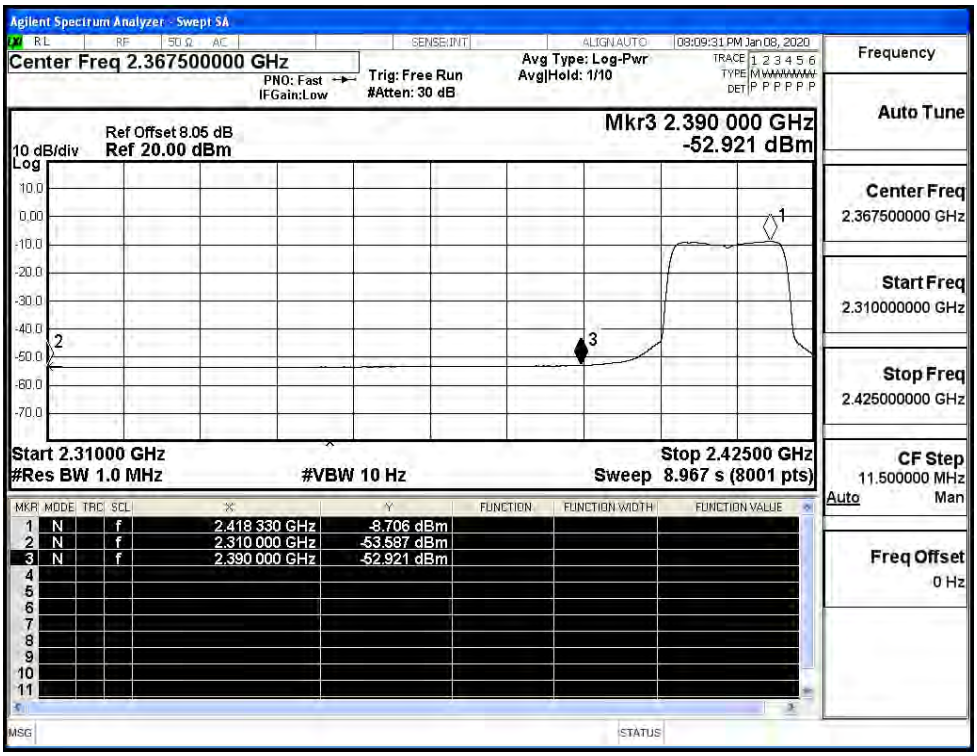

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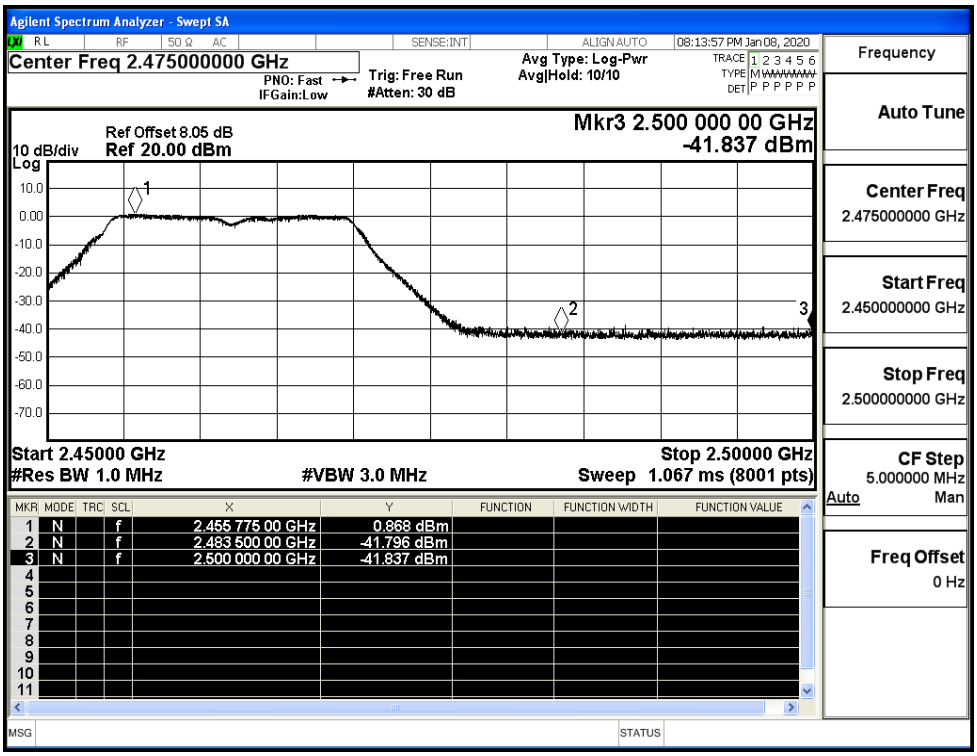

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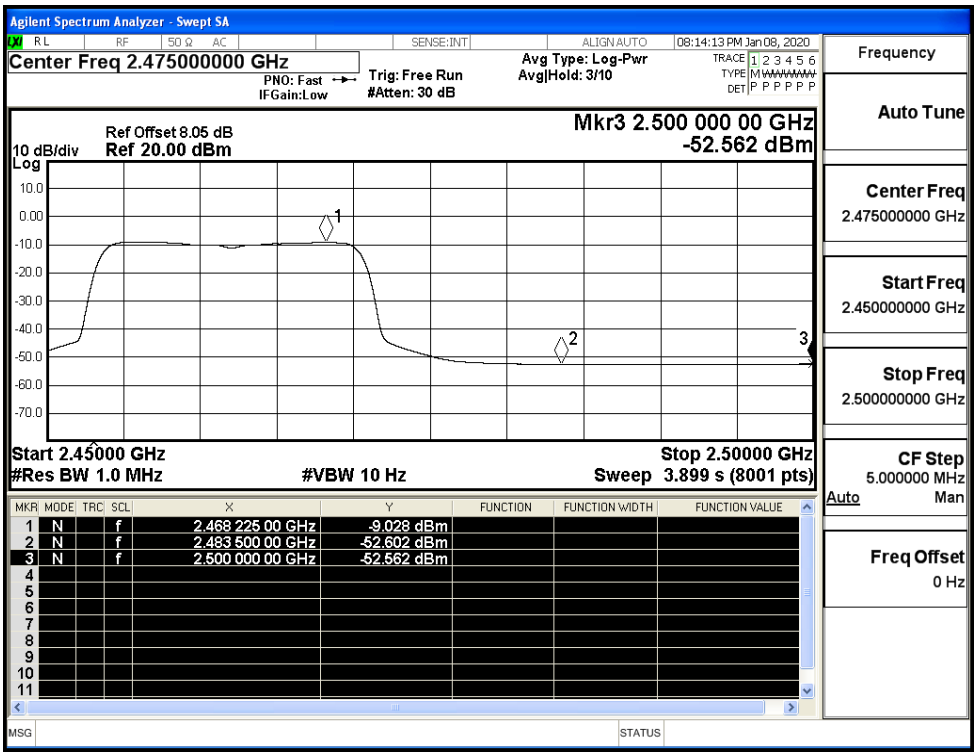

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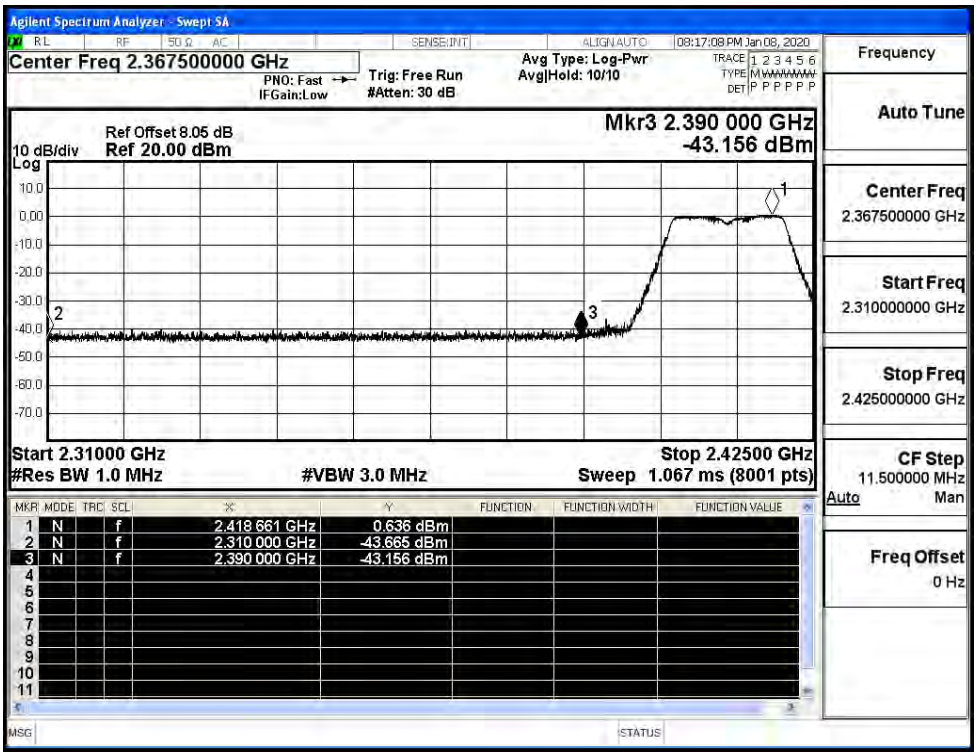

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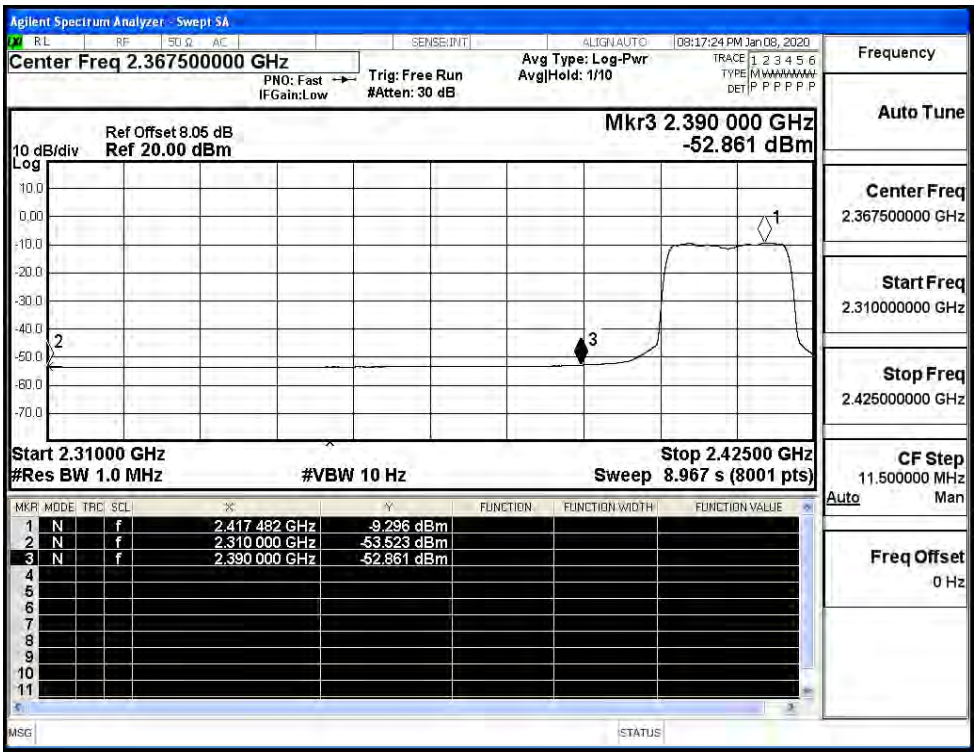

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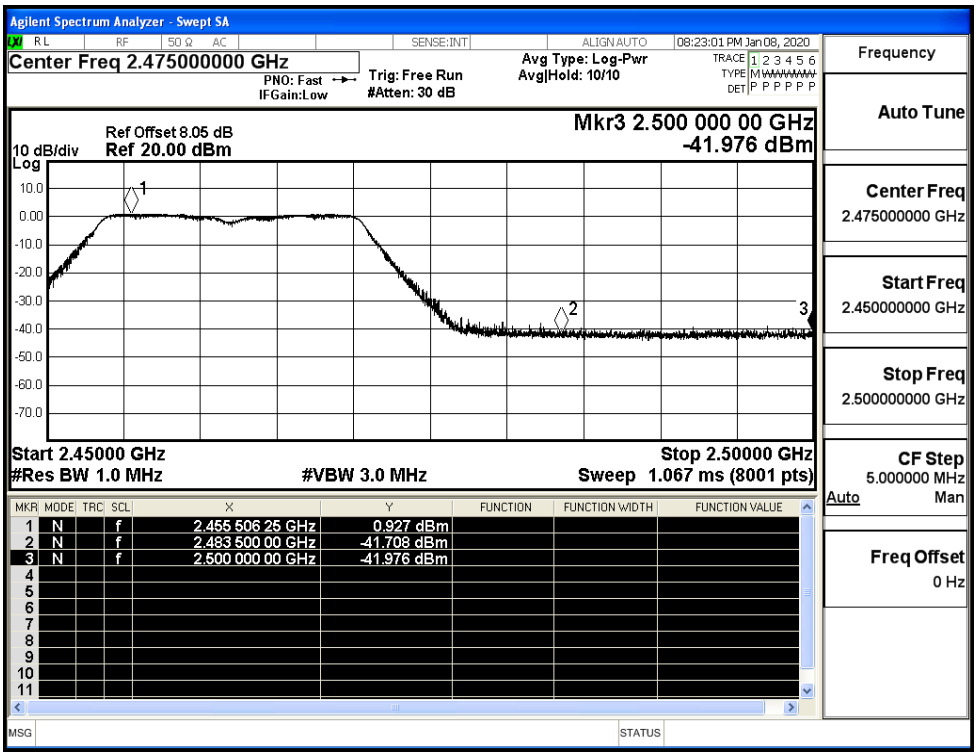

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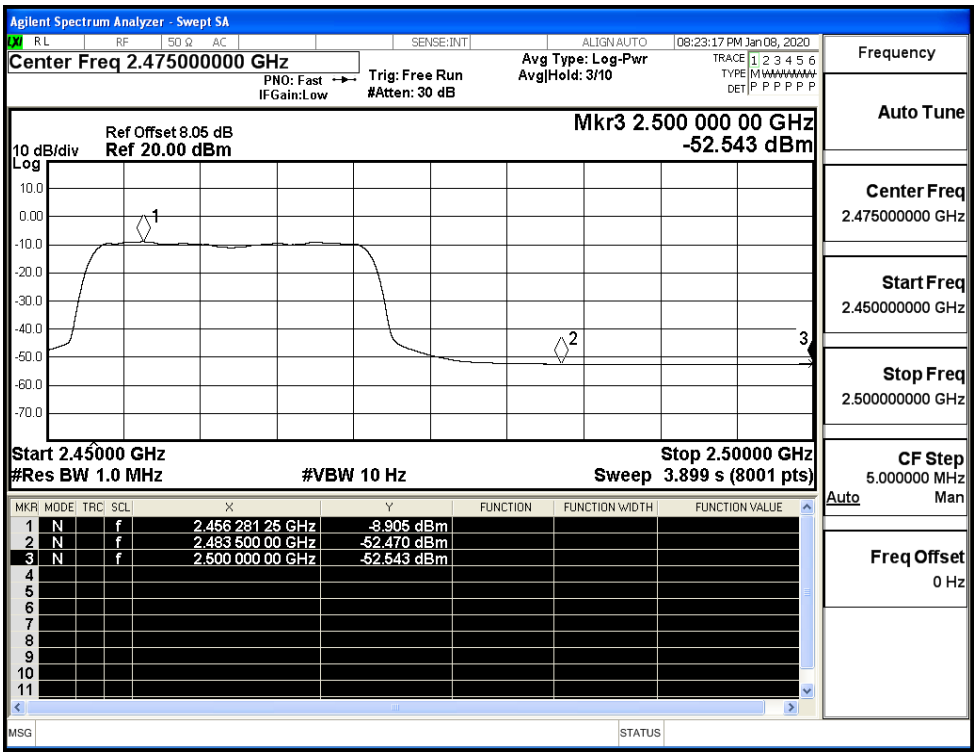

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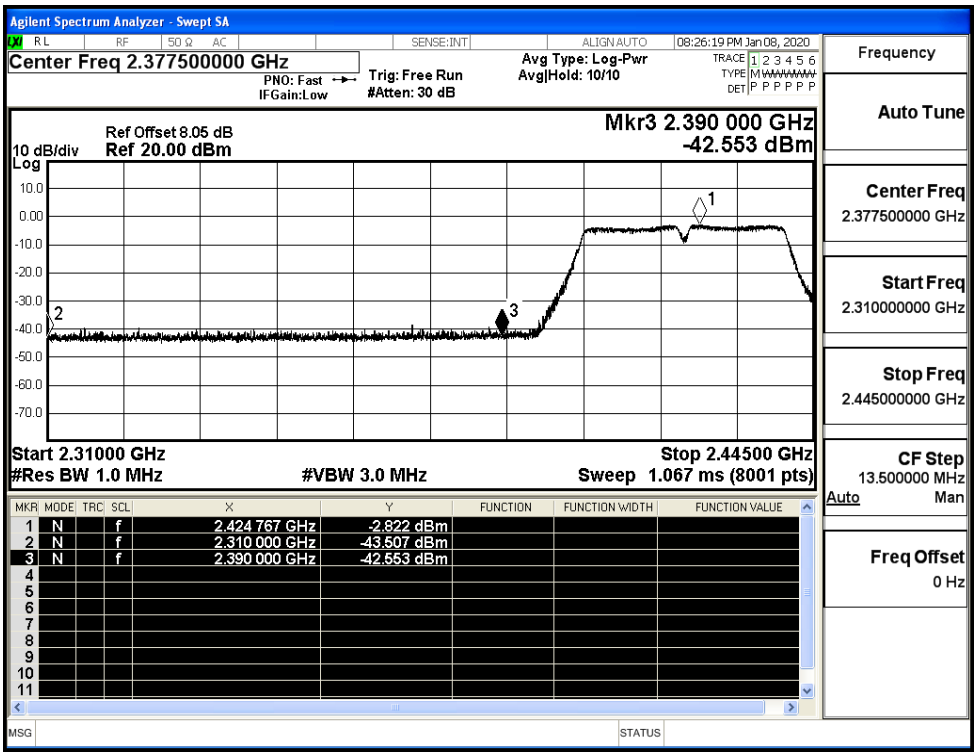

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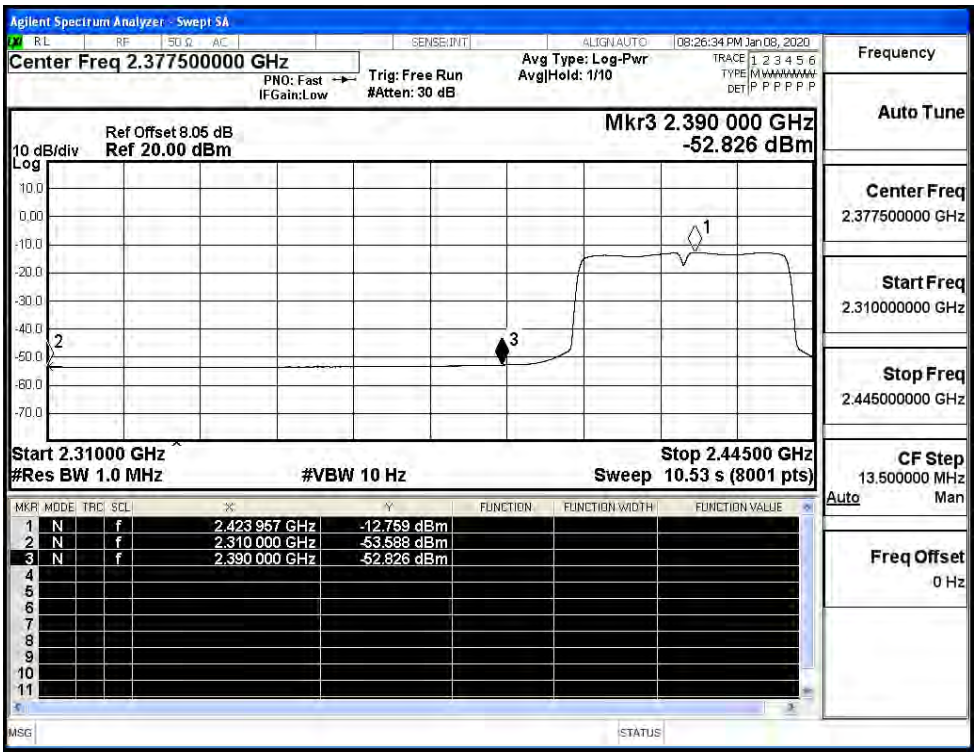

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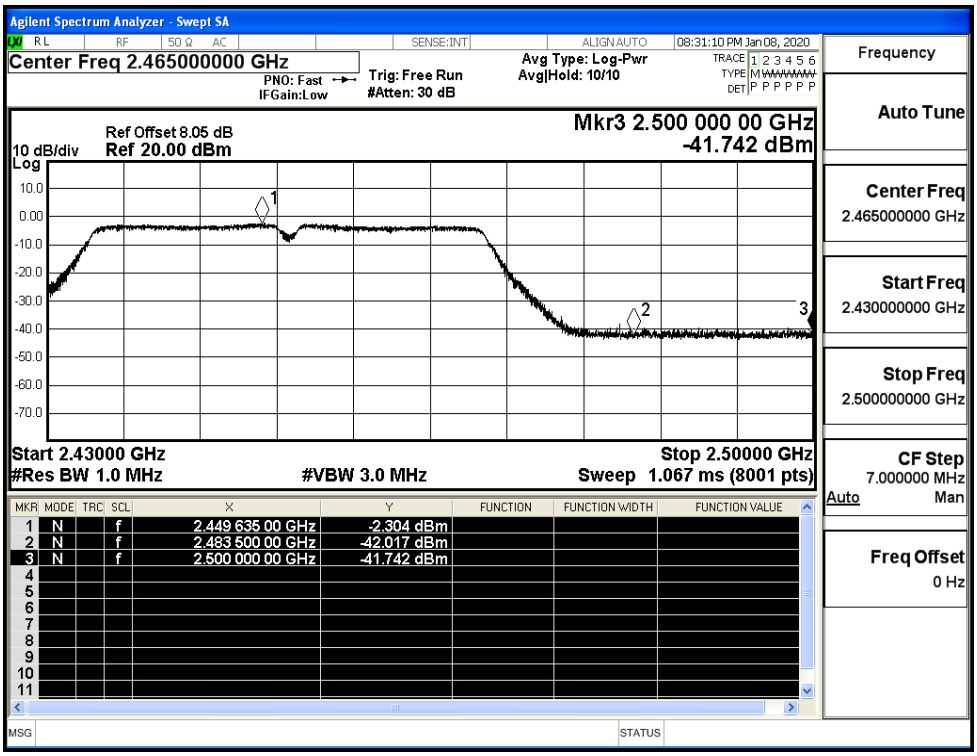

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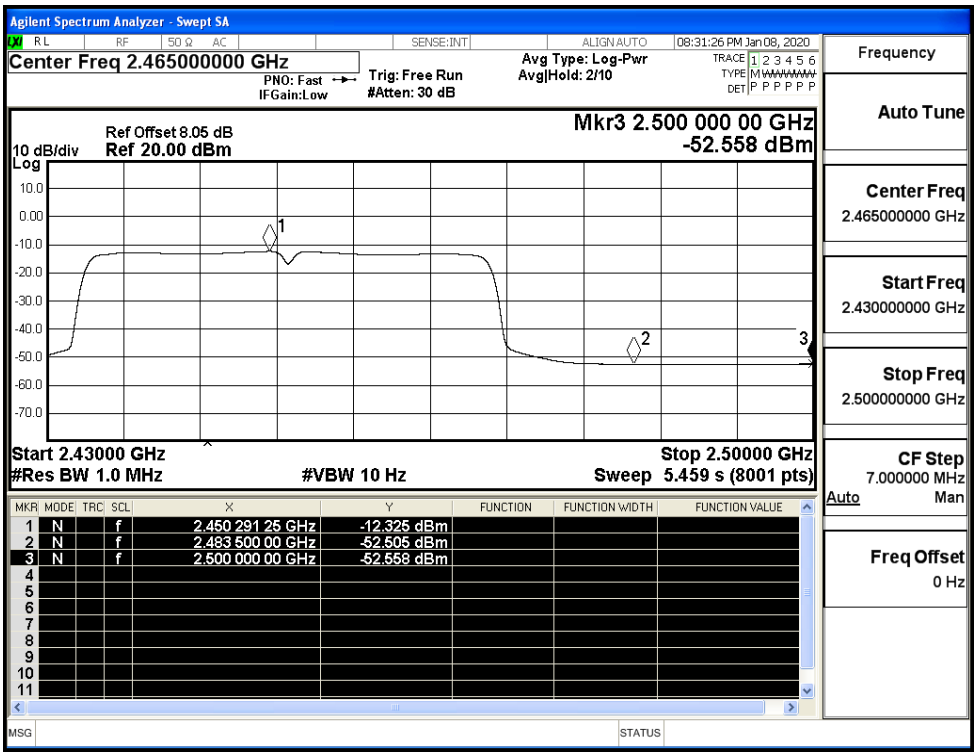
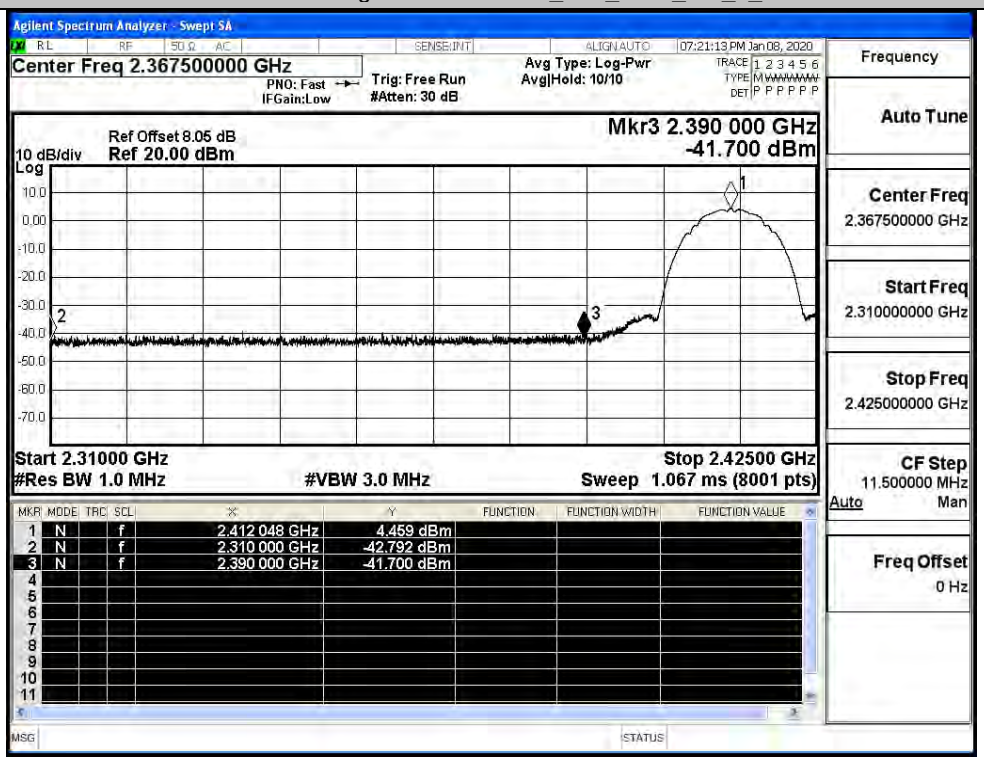


Restrict-band band-edge measurements_11B_2412_Ant_1_PEAK



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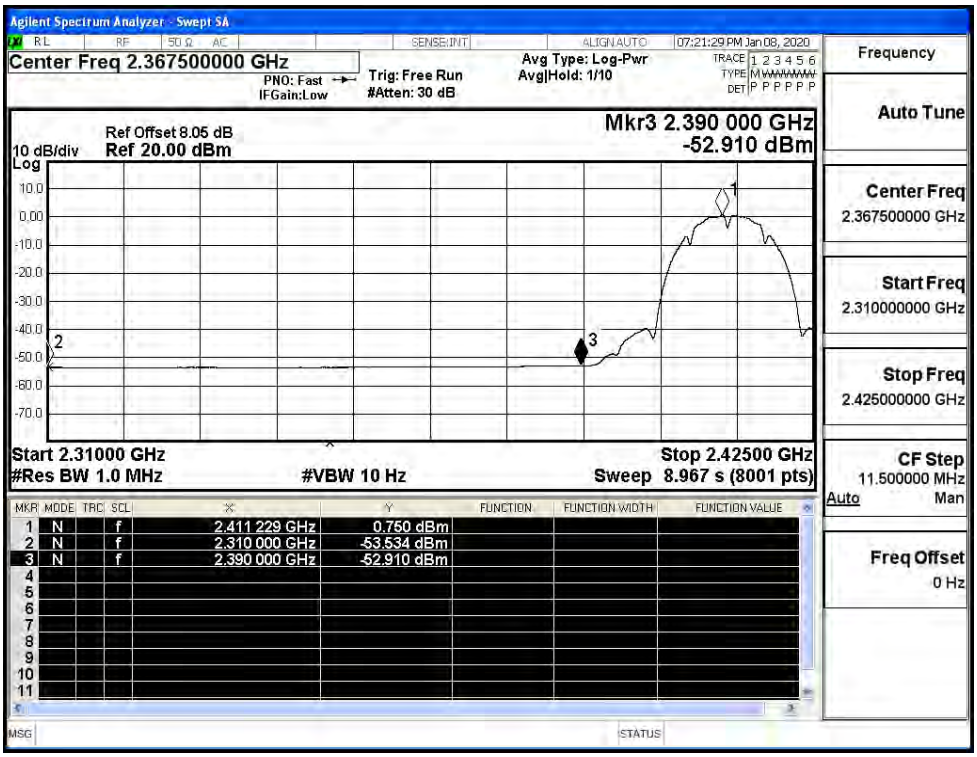

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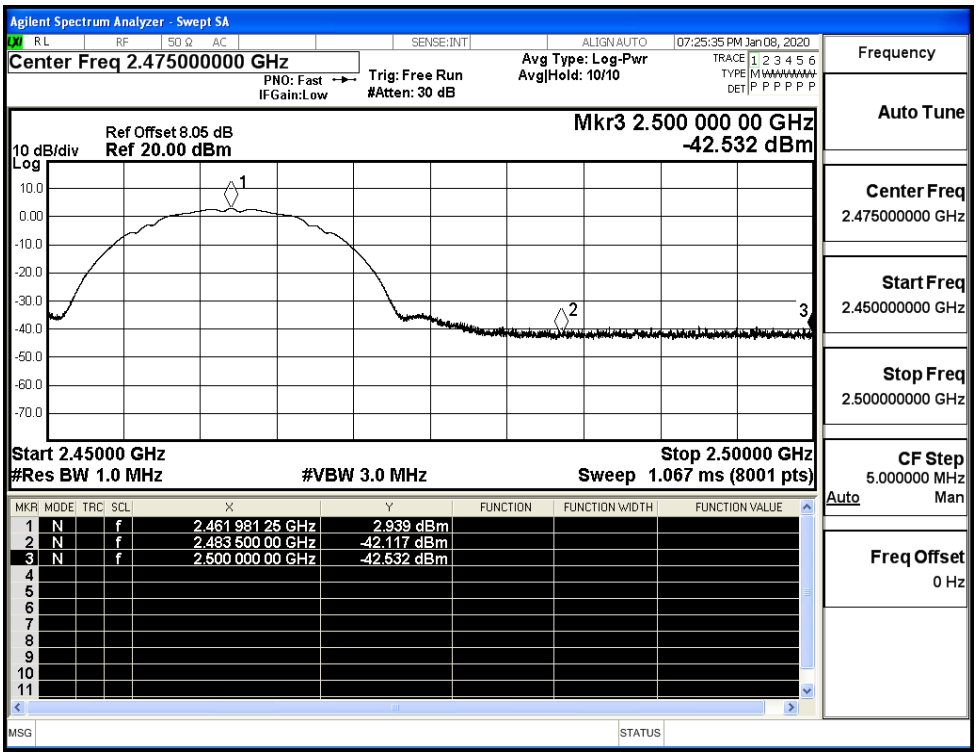

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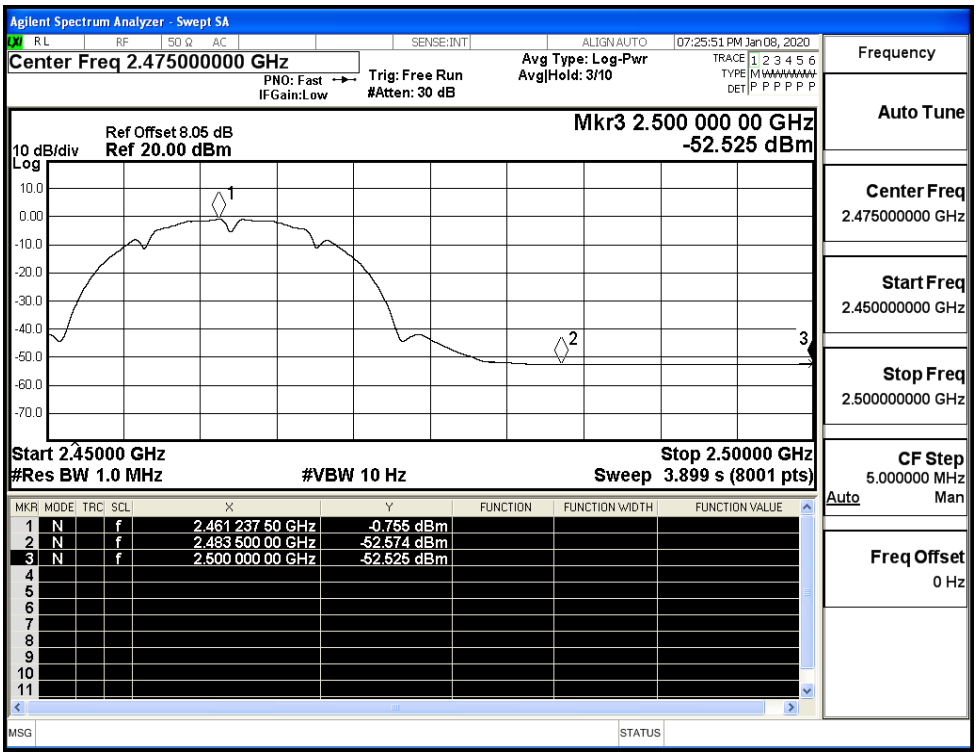

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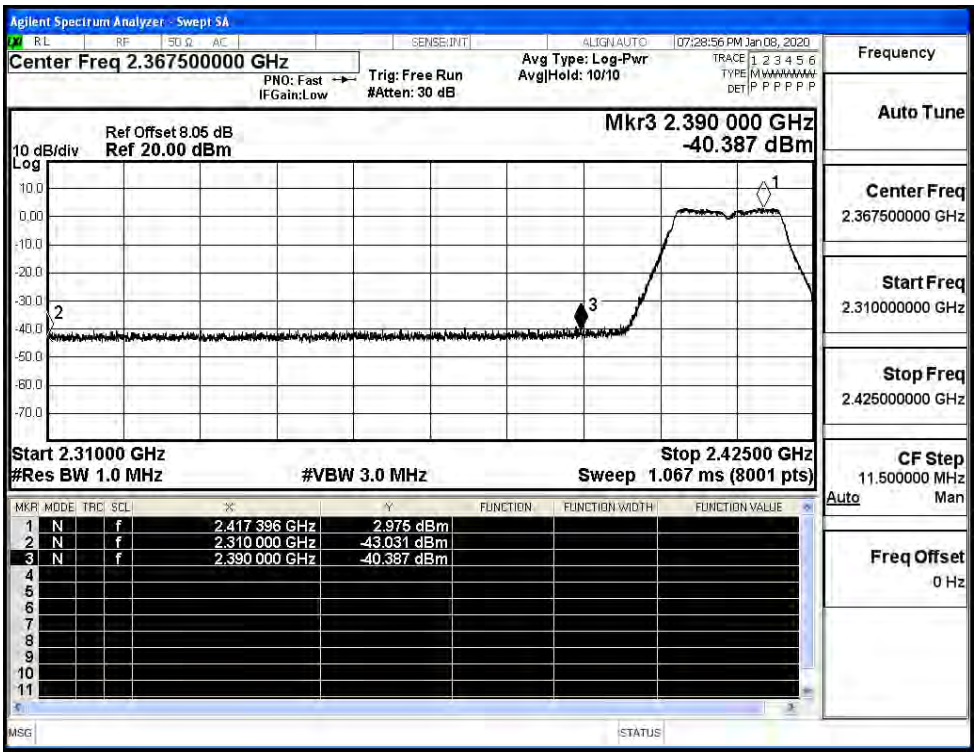

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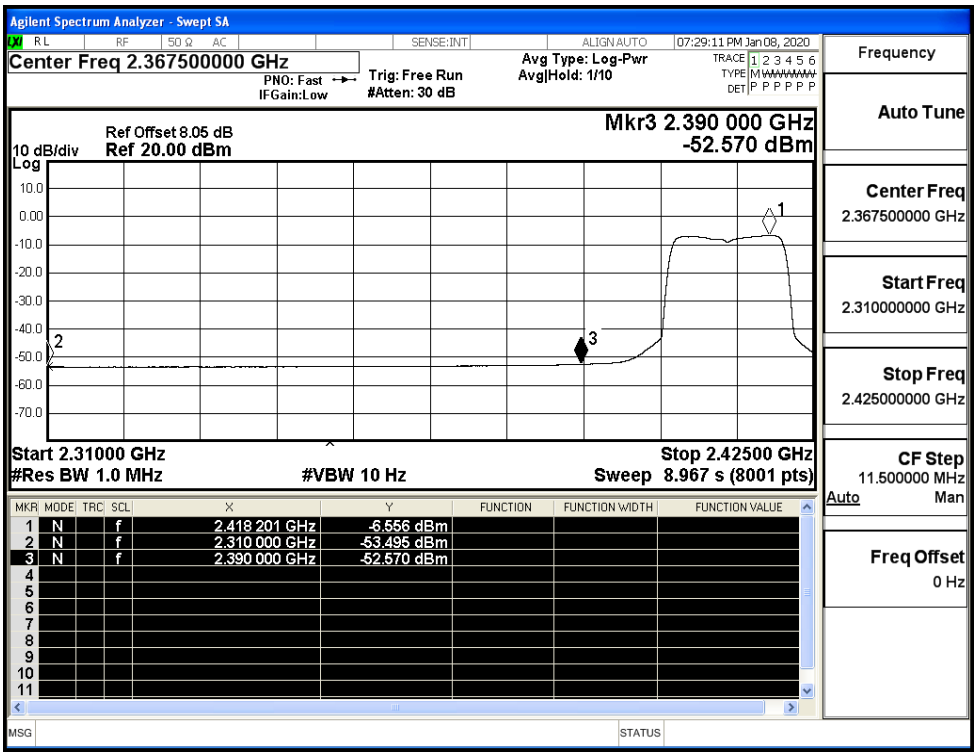

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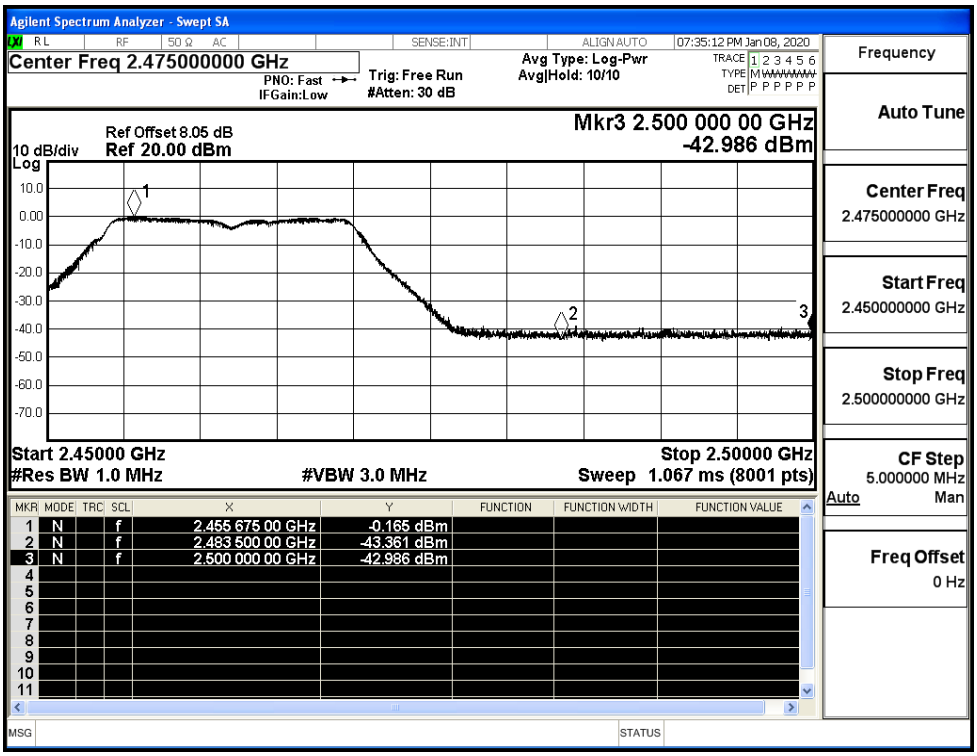

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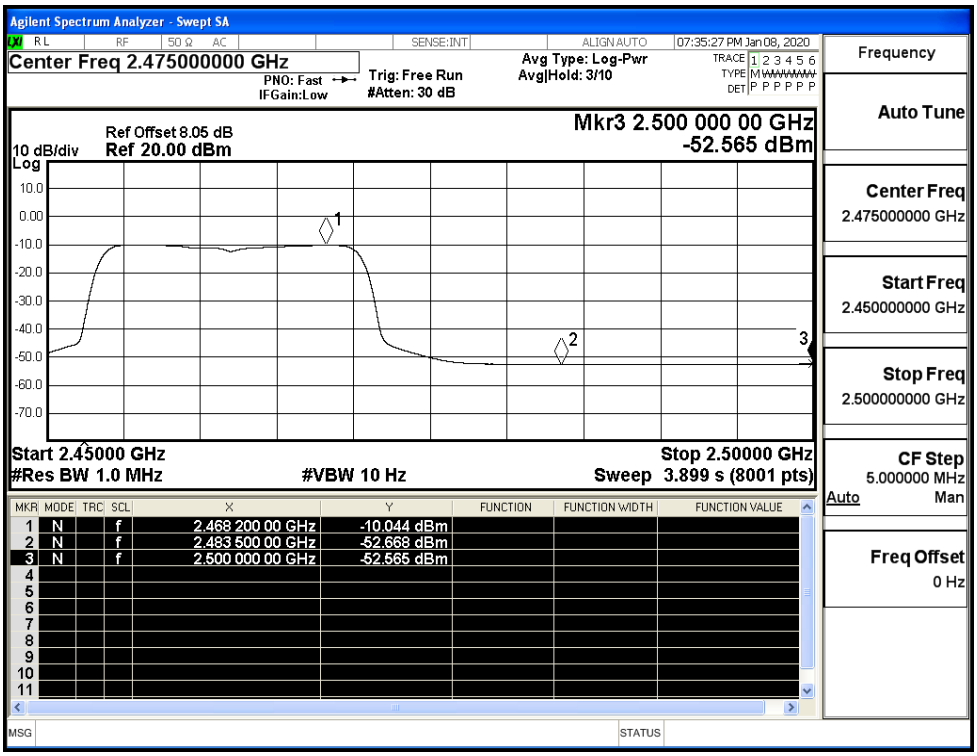

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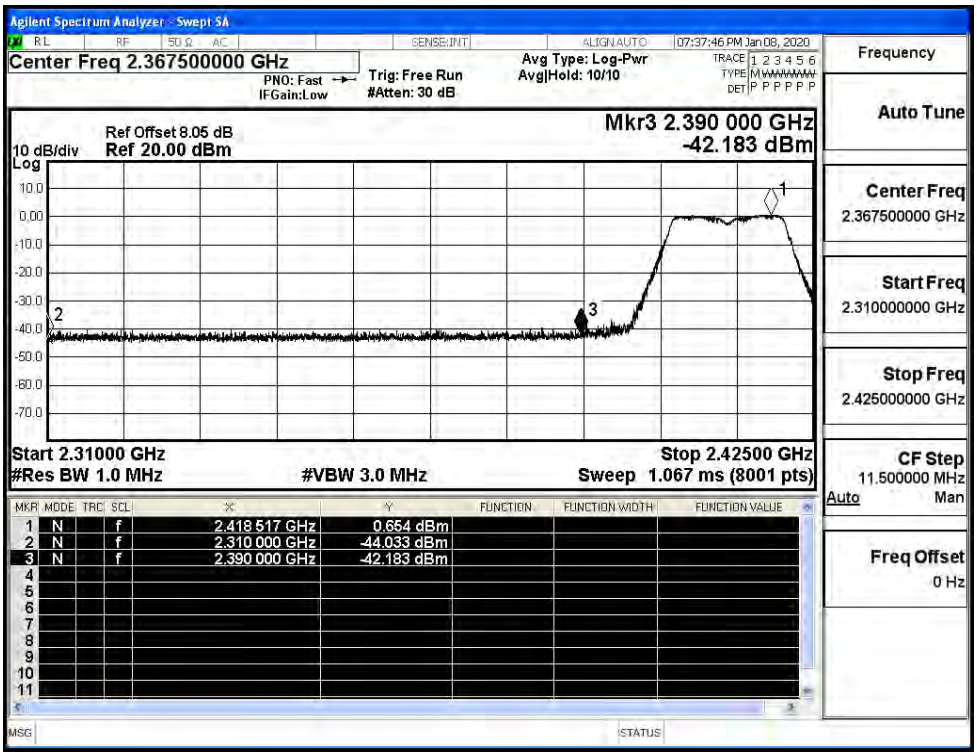

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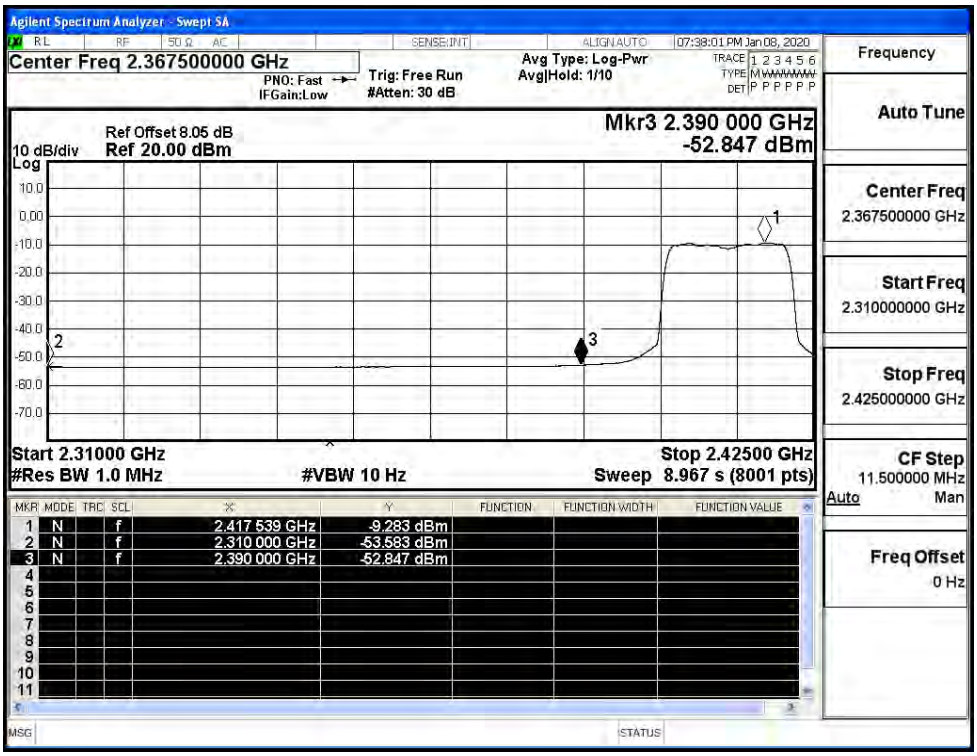

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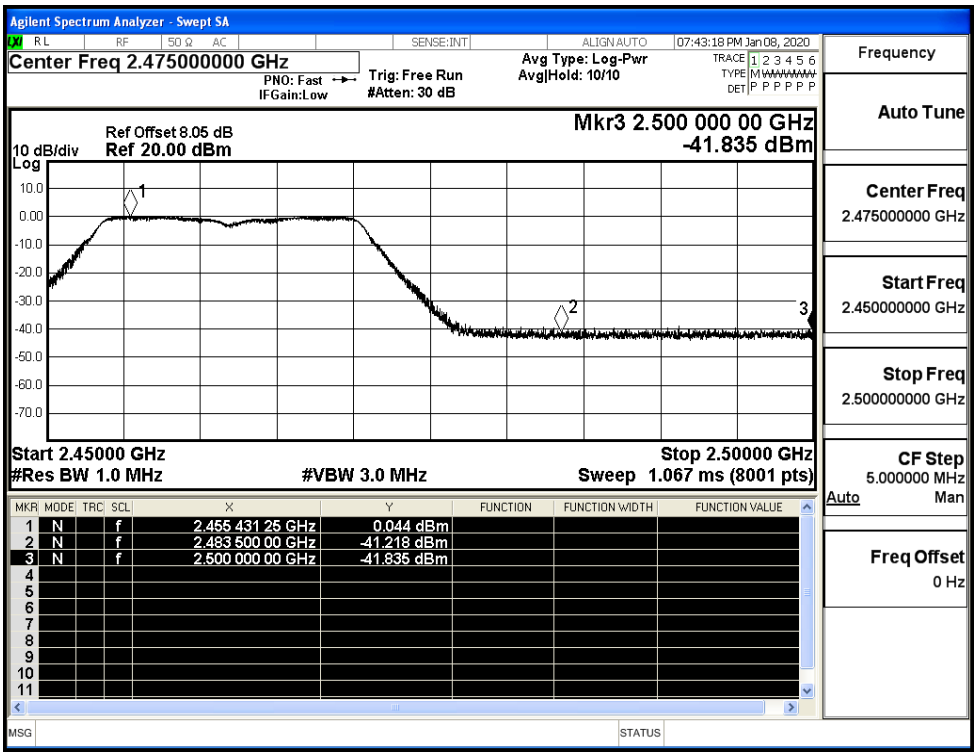

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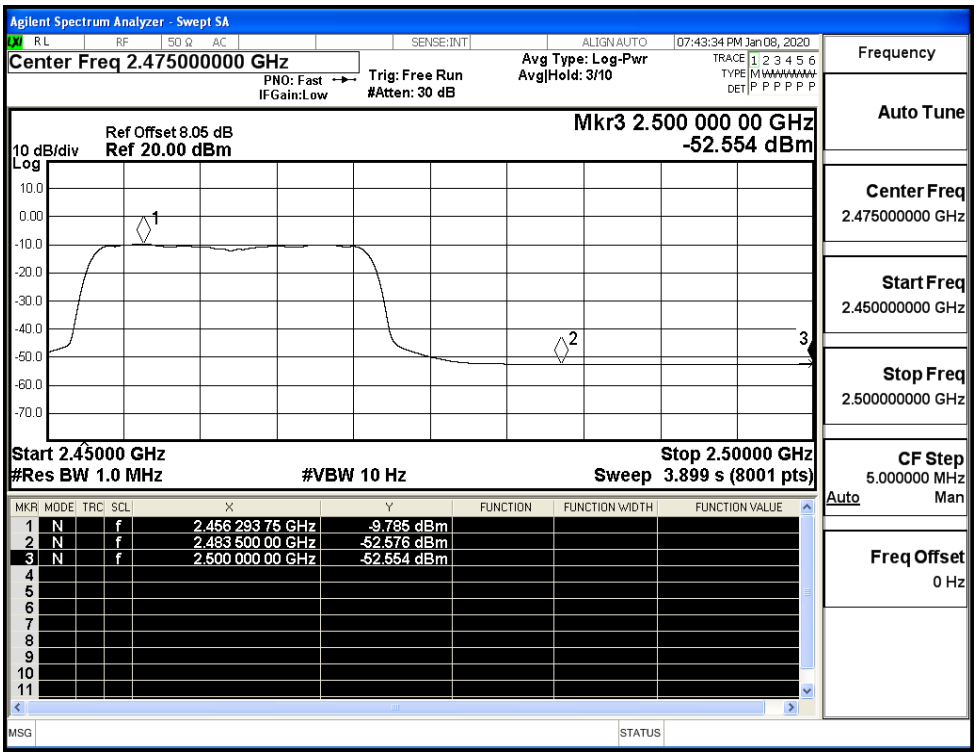

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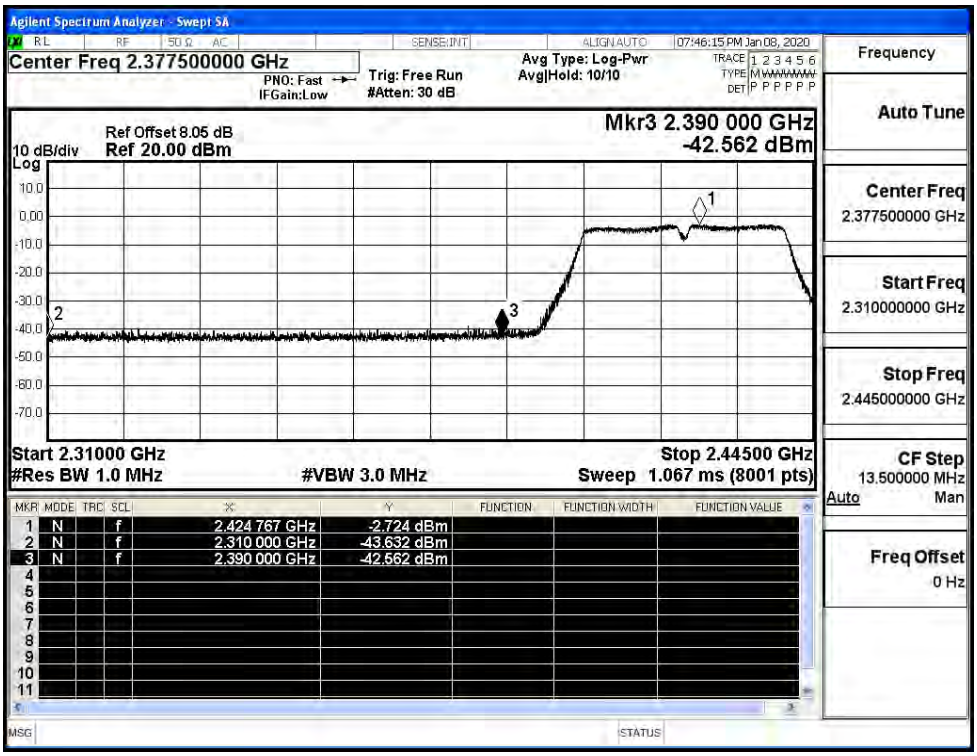

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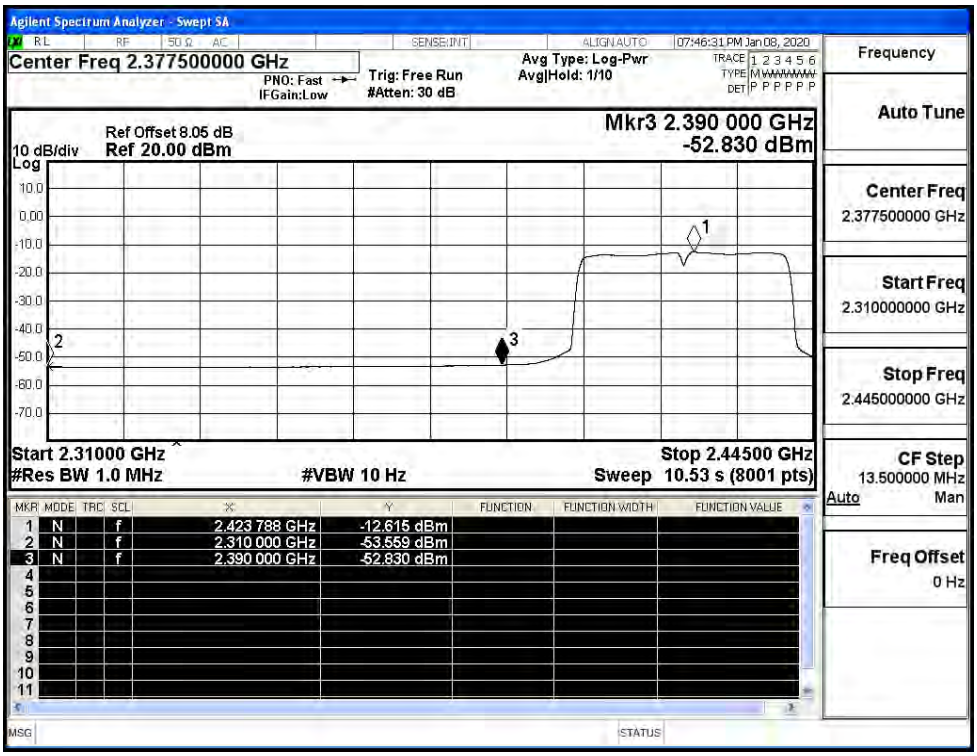

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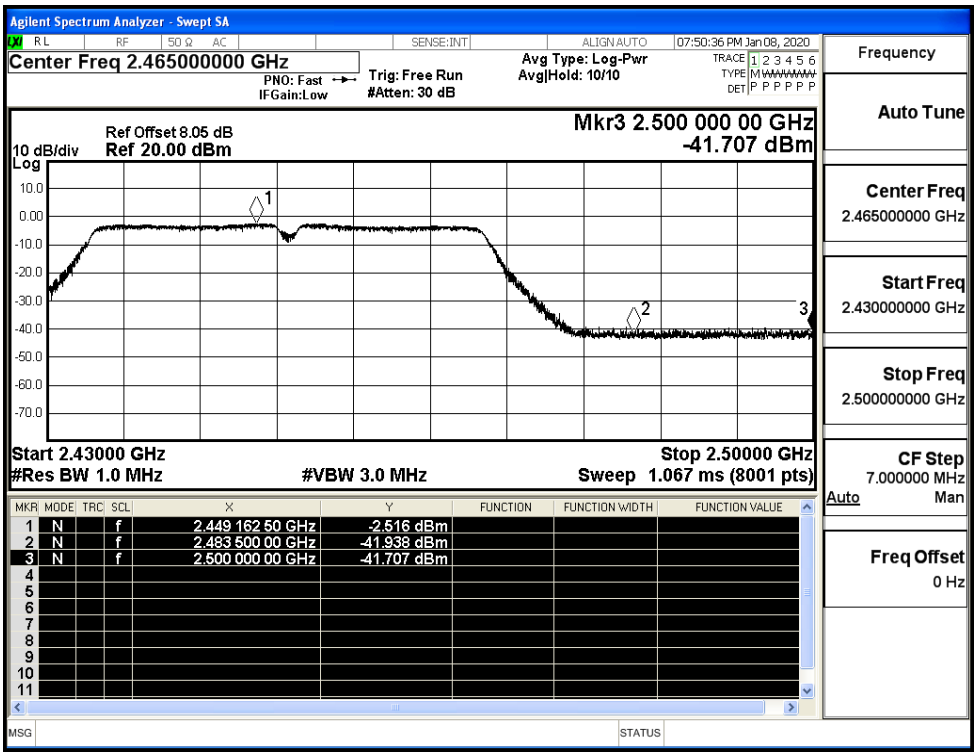
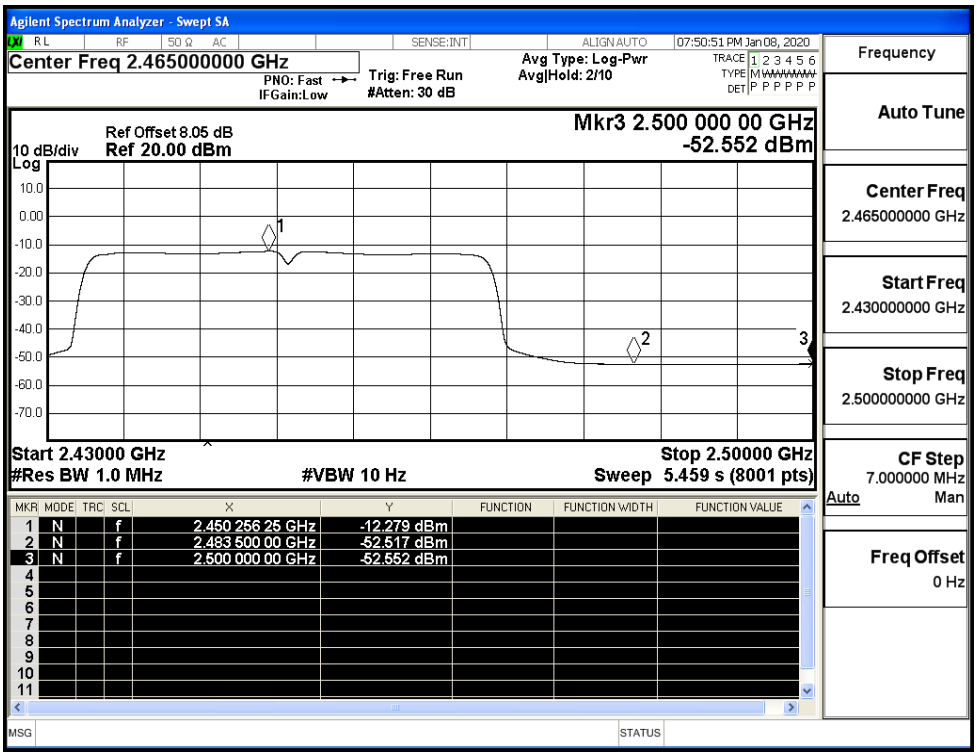
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