

## Appendix A

### RF Test Data for 2.4G WIFI (Conducted Measurement)

**Product Name: Wireless network card**

**Trade Mark: DIEWU**

**Test Model: TXA069**

#### Environmental Conditions

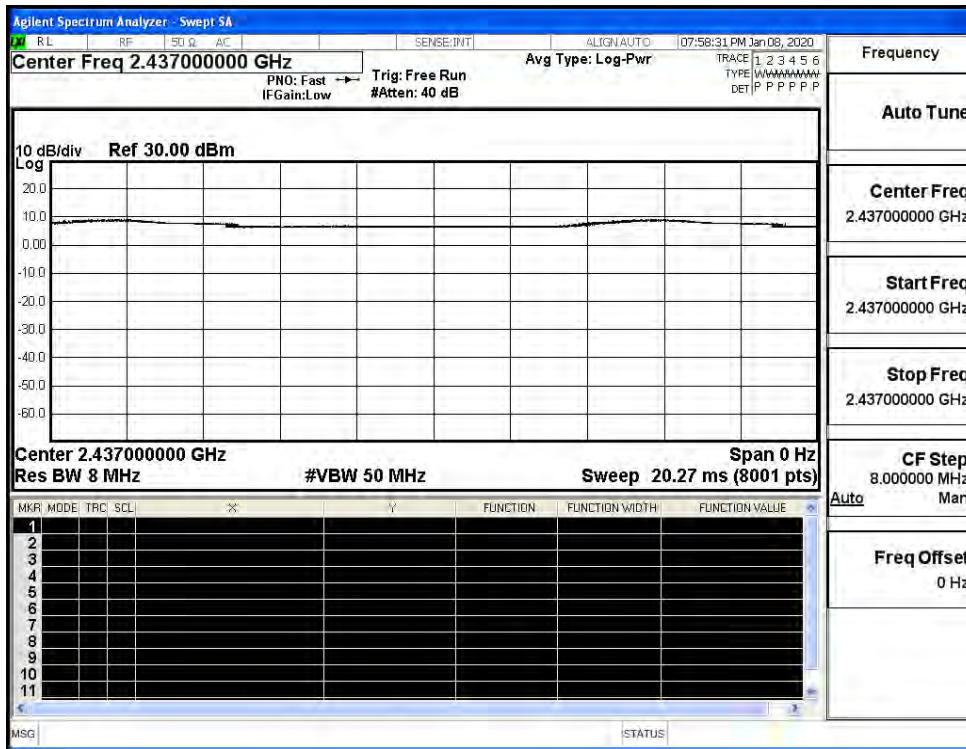
Temperature:	23.9° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Li Huan

#### A.1 Duty Cycle

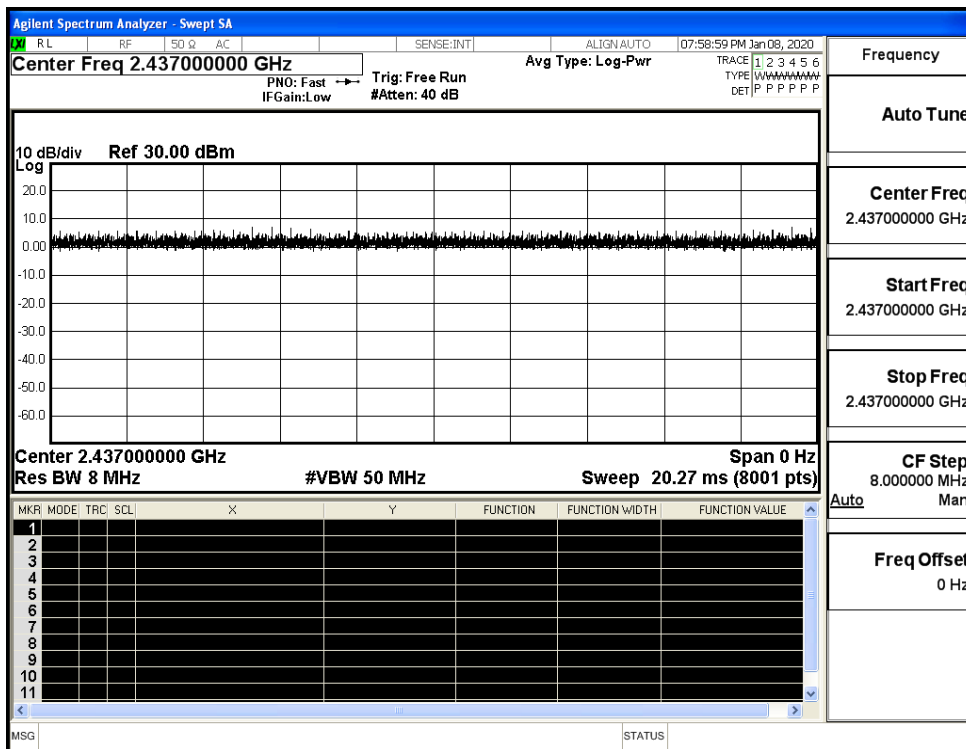
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_0	100	PASS
11G	2437	Ant_0	100	PASS
11N20	2437	Ant_0	100	PASS
11N40	2437	Ant_0	100	PASS

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

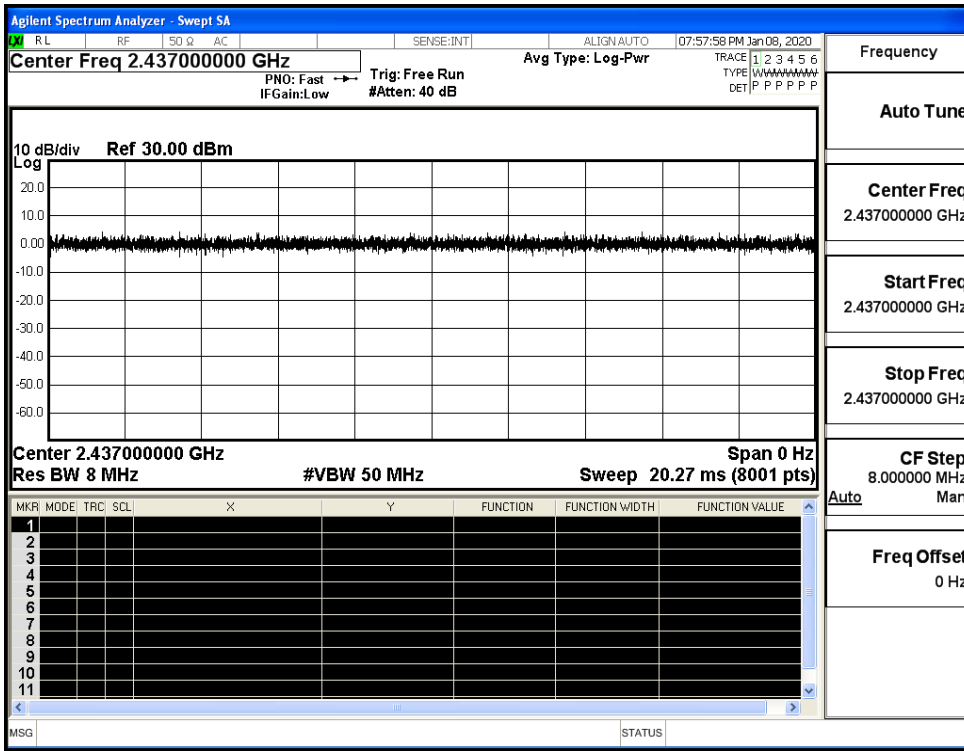
Duty Cycle\_11B\_2437\_Ant\_0



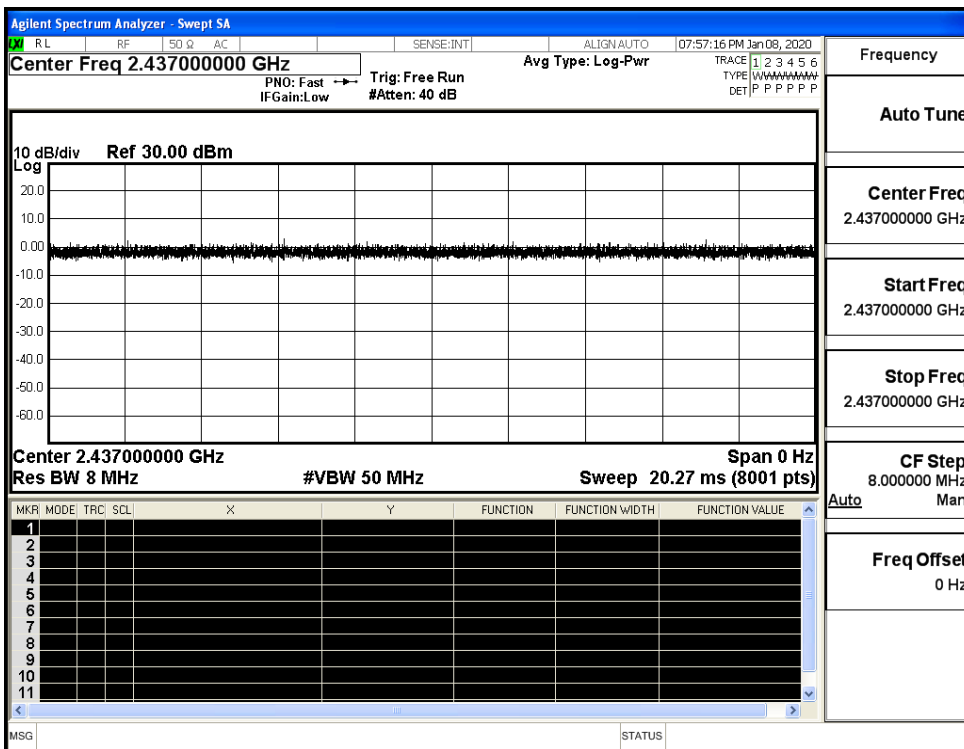
Duty Cycle\_11G\_2437\_Ant\_0



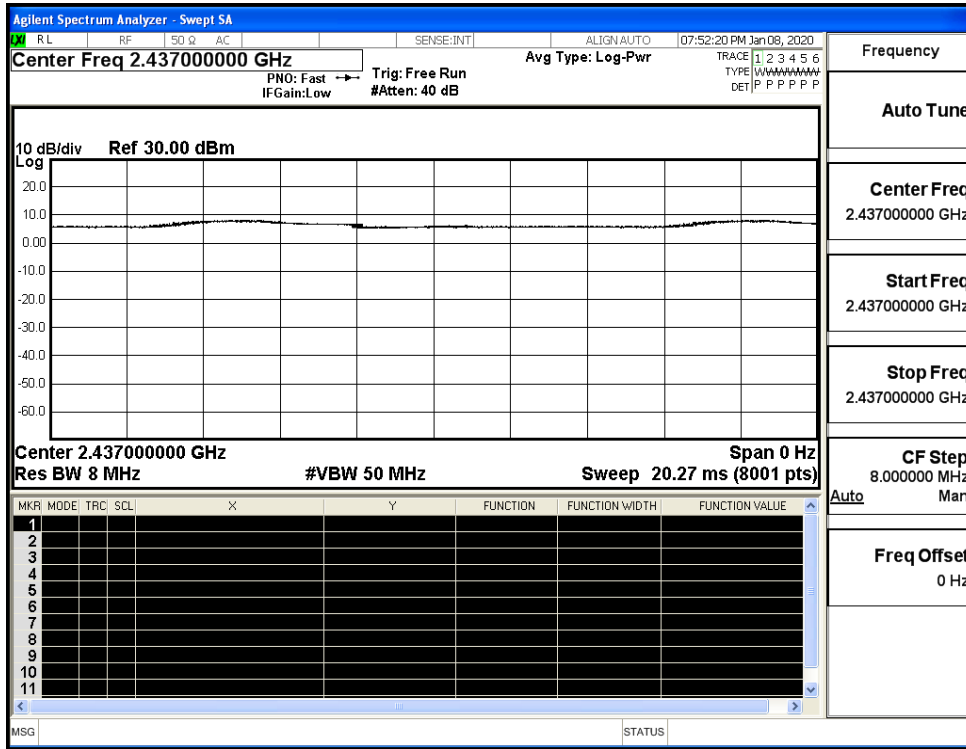
Duty Cycle\_11N20\_2437\_Ant\_0



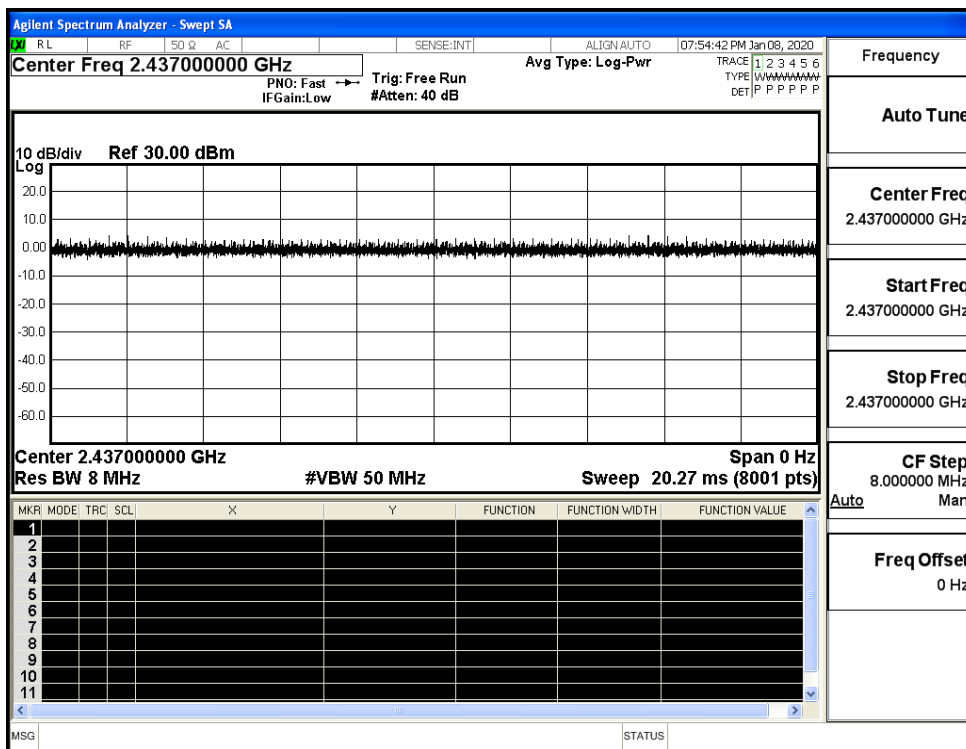
Duty Cycle\_11N40\_2437\_Ant\_0



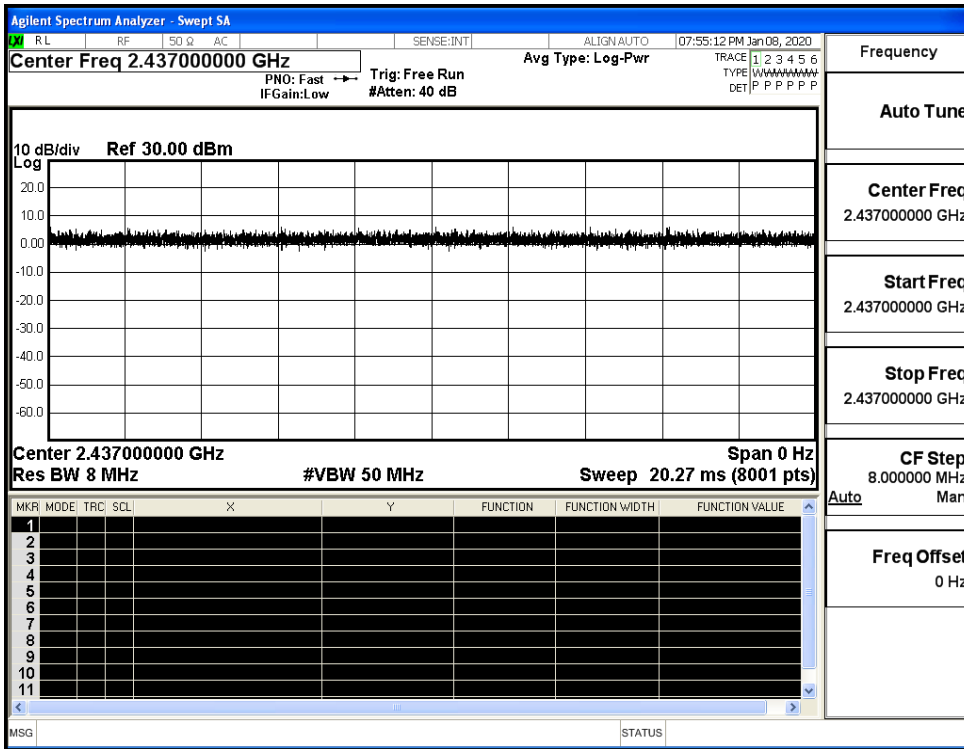
Duty Cycle\_11B\_2437\_Ant\_1



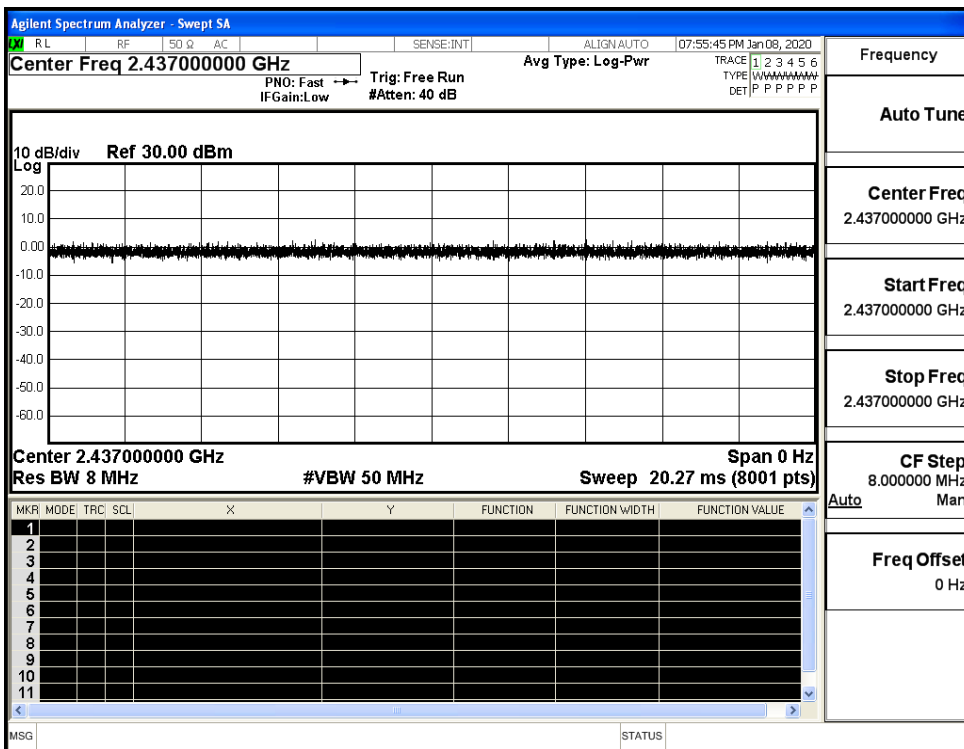
Duty Cycle\_11G\_2437\_Ant\_1



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 =  $10 \cdot \log(3\text{KHz}/30\text{KHz}) = -10$

#### Ant\_1

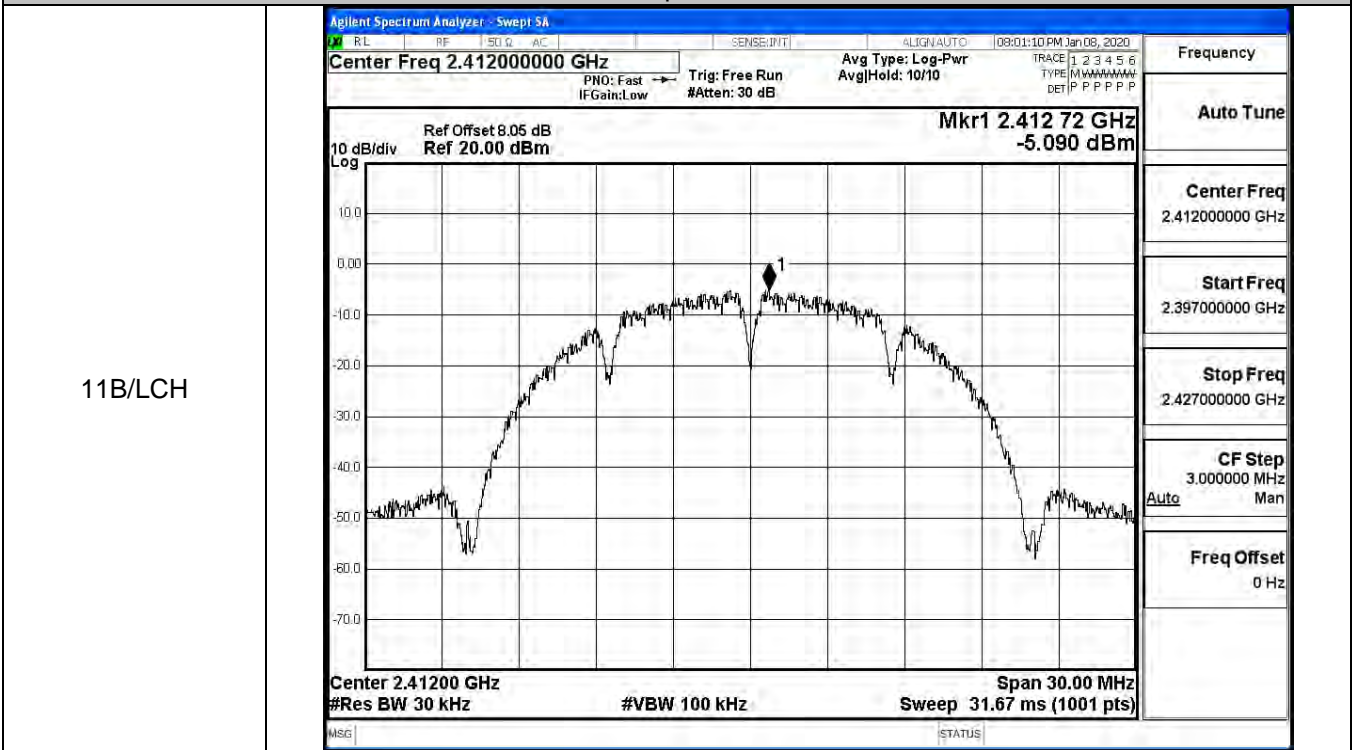
Mode	Channel	Meas.Level [dBm/30KHz]	Convert Factor	Result [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-5.173	-10	-15.173	8	PASS
	MCH	-5.330	-10	-15.330	8	PASS
	HCH	-6.670	-10	-16.670	8	PASS
11G	LCH	-10.461	-10	-20.461	8	PASS
	MCH	-12.904	-10	-22.904	8	PASS
	HCH	-13.935	-10	-23.935	8	PASS
11N20	LCH	-12.754	-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 =  $10 \cdot \log(3\text{KHz}/30\text{KHz}) = -10$

**Combined Ant\_0 and Ant\_1**

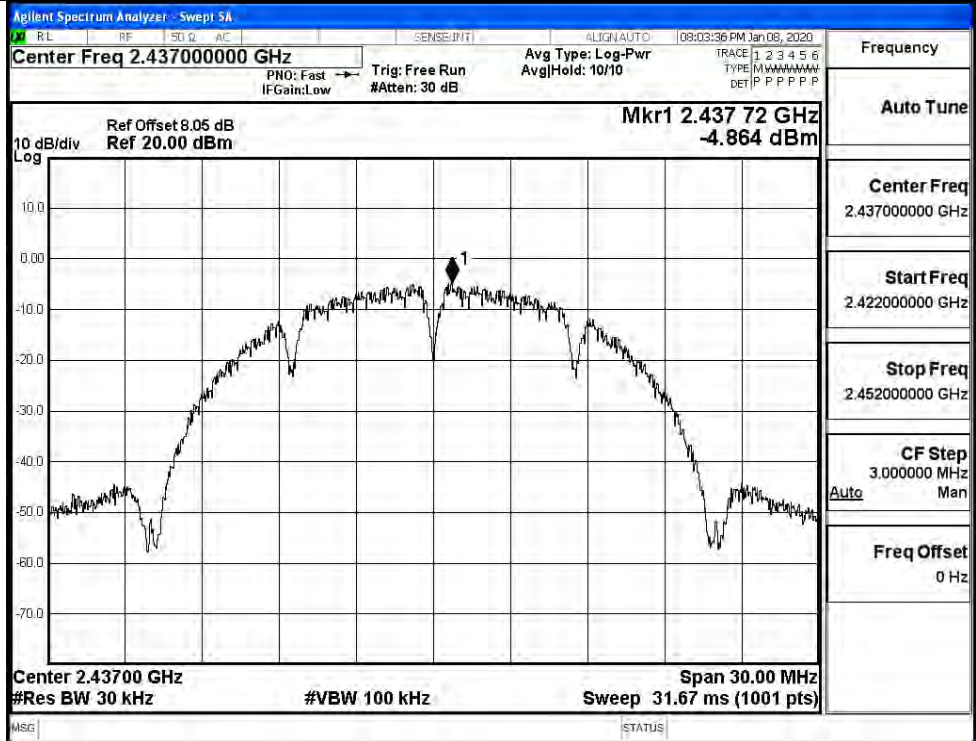
Mode	Channel	Result [dBm/3KHz]			Limit [dBm/3KHz]	Verdict
		Ant_0	Ant_1	Sum		
11N20	LCH	-22.872	-22.754	-19.802	5.99	PASS
	MCH	-22.305	-22.673	-19.475	5.99	PASS
	HCH	-22.424	-23.529	-19.931	5.99	PASS
11N40	LCH	-26.173	-26.134	-23.143	5.99	PASS
	MCH	-25.883	-26.331	-23.091	5.99	PASS
	HCH	-25.565	-25.911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

**Test Graphs\_Ant\_0**



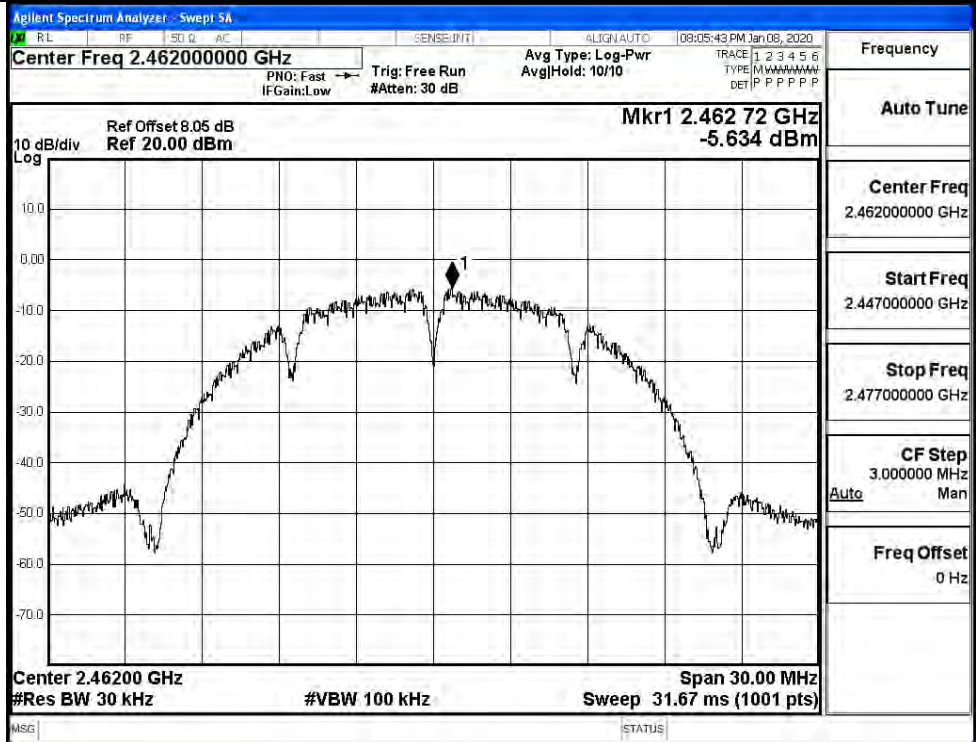


11B/MCH



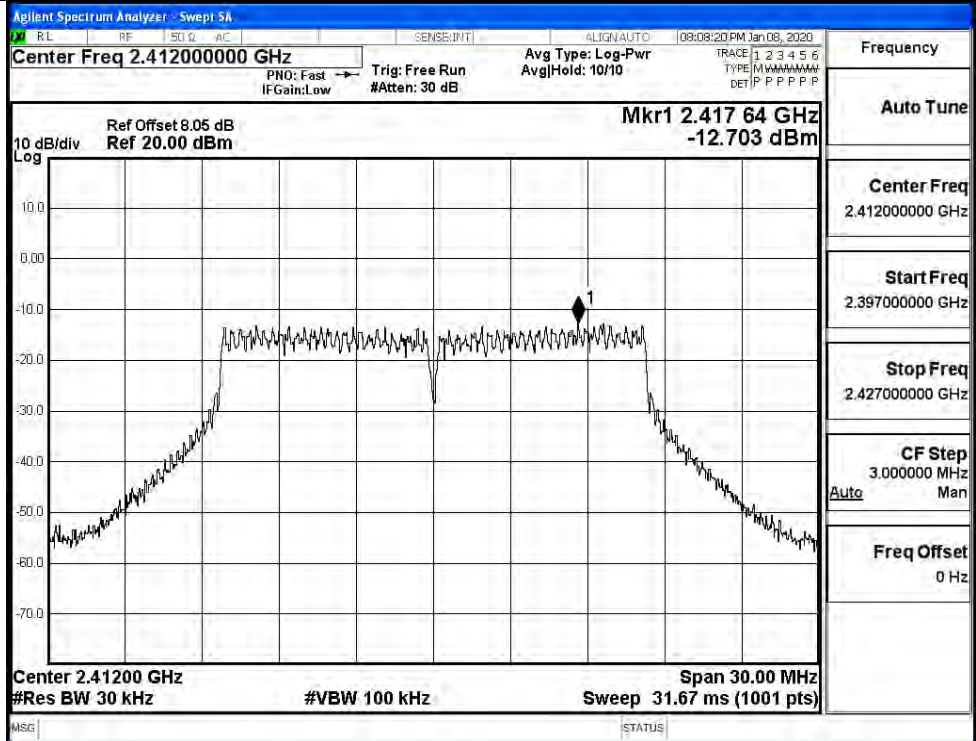
Frequency
Auto Tune
Center Freq 2.43700000 GHz
Start Freq 2.42200000 GHz
Stop Freq 2.45200000 GHz
CF Step 3.000000 MHz Auto Man
Freq Offset 0 Hz

11B/HCH



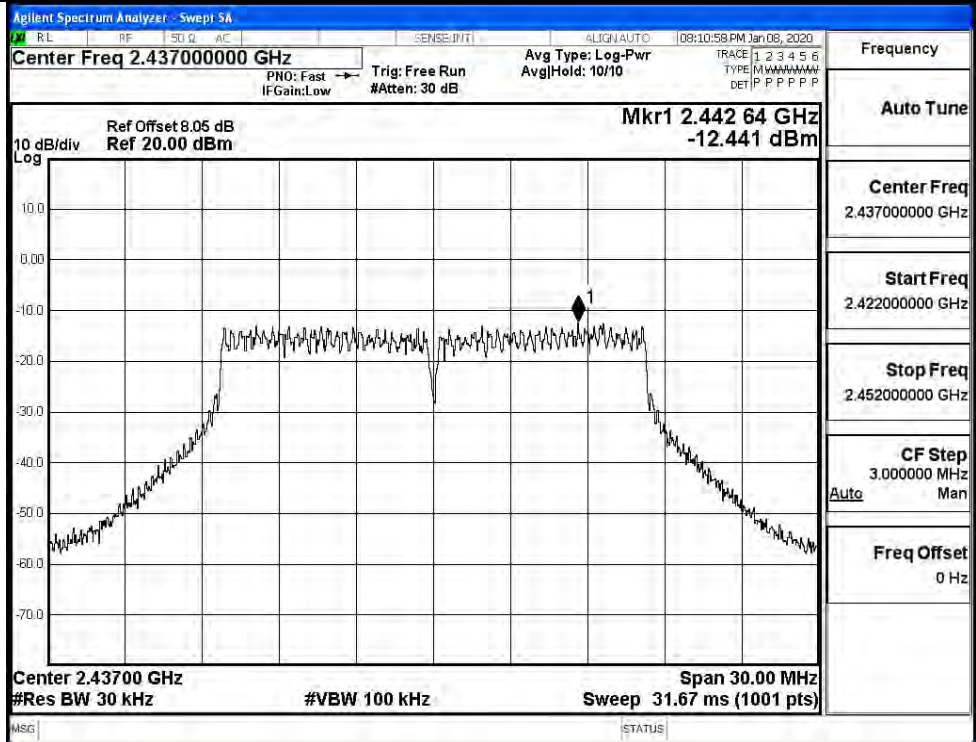
Frequency
Auto Tune
Center Freq 2.46200000 GHz
Start Freq 2.44700000 GHz
Stop Freq 2.47700000 GHz
CF Step 3.000000 MHz Auto Man
Freq Offset 0 Hz

11G/LCH



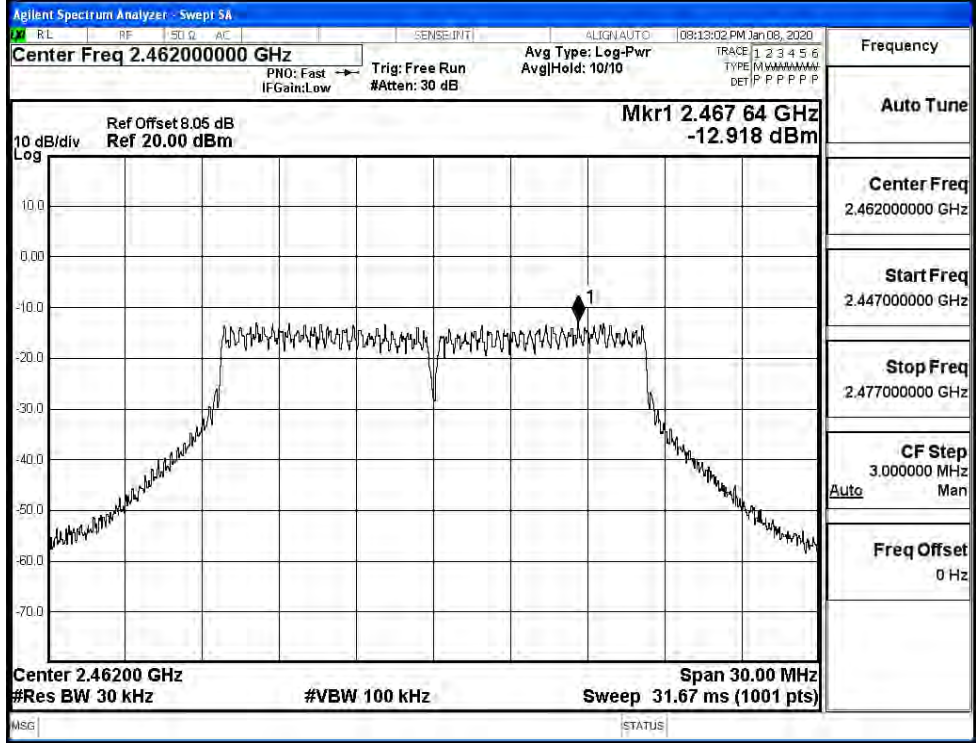
Frequency
Auto Tune
Center Freq 2.41200000 GHz
Start Freq 2.397000000 GHz
Stop Freq 2.427000000 GHz
CF Step 3.000000 MHz Auto Man
Freq Offset 0 Hz

11G/MCH

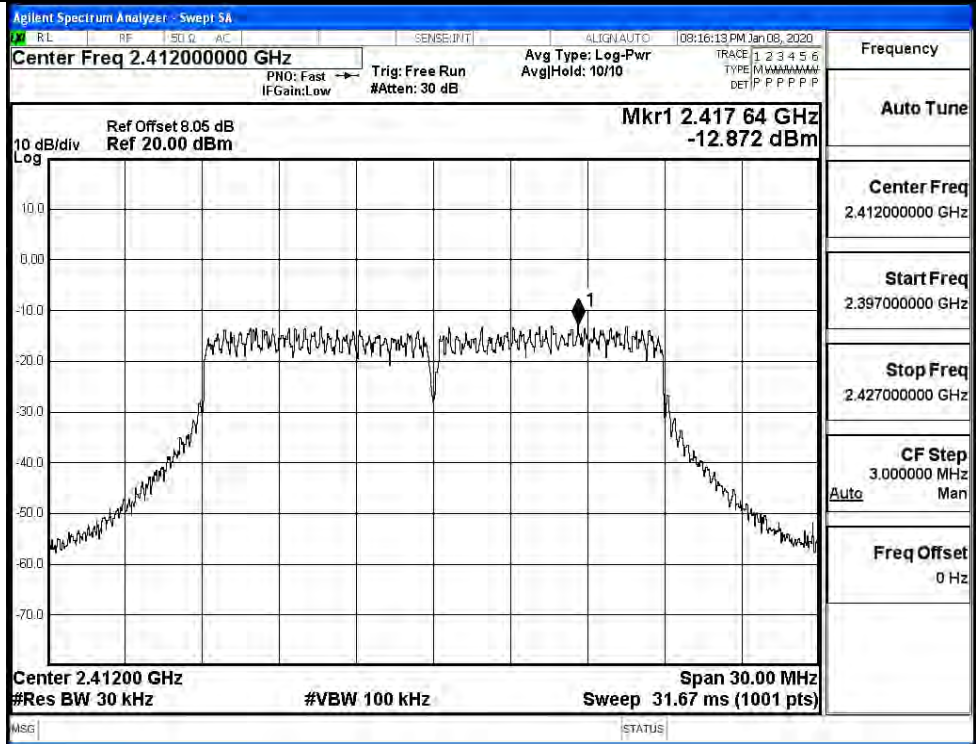


Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.422000000 GHz
Stop Freq 2.452000000 GHz
CF Step 3.000000 MHz Auto Man
Freq Offset 0 Hz

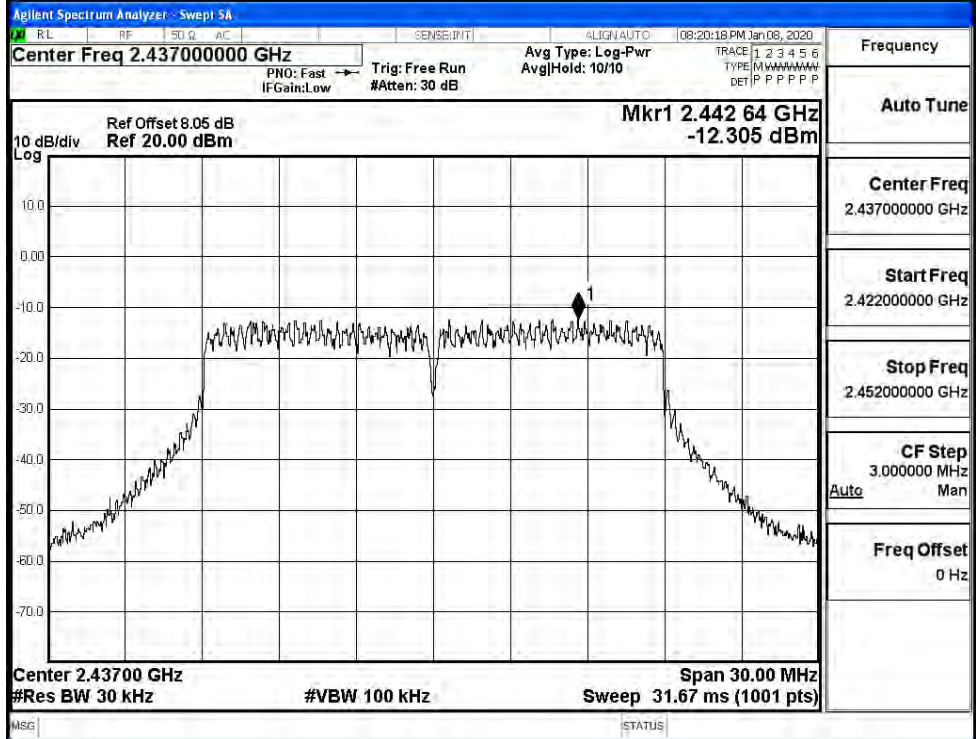
11G/HCH



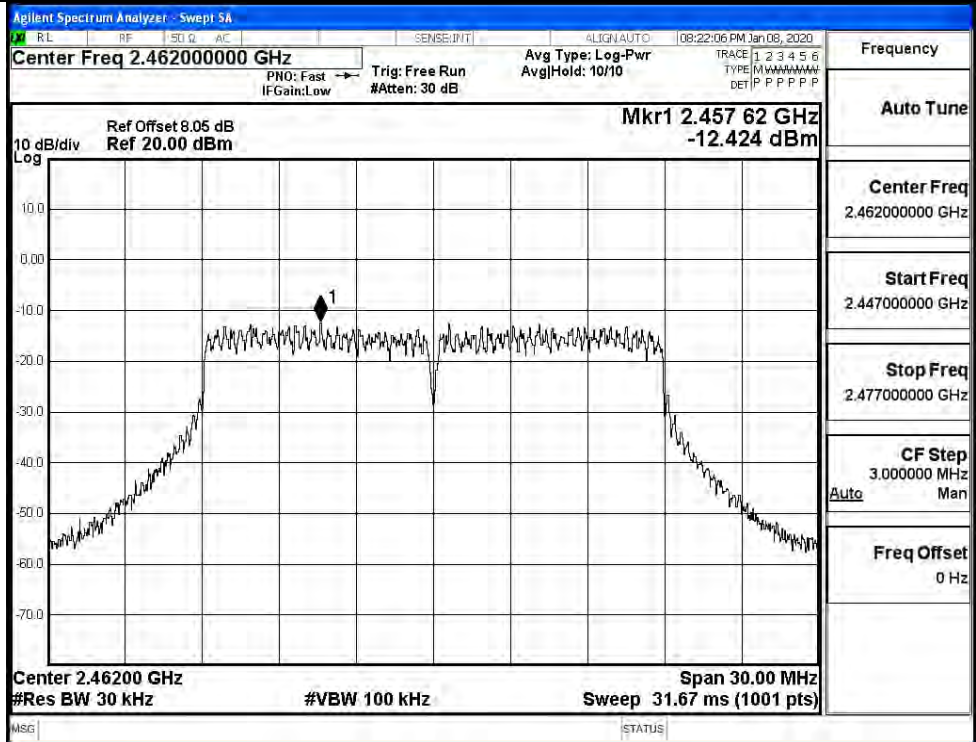
11N20/LCH



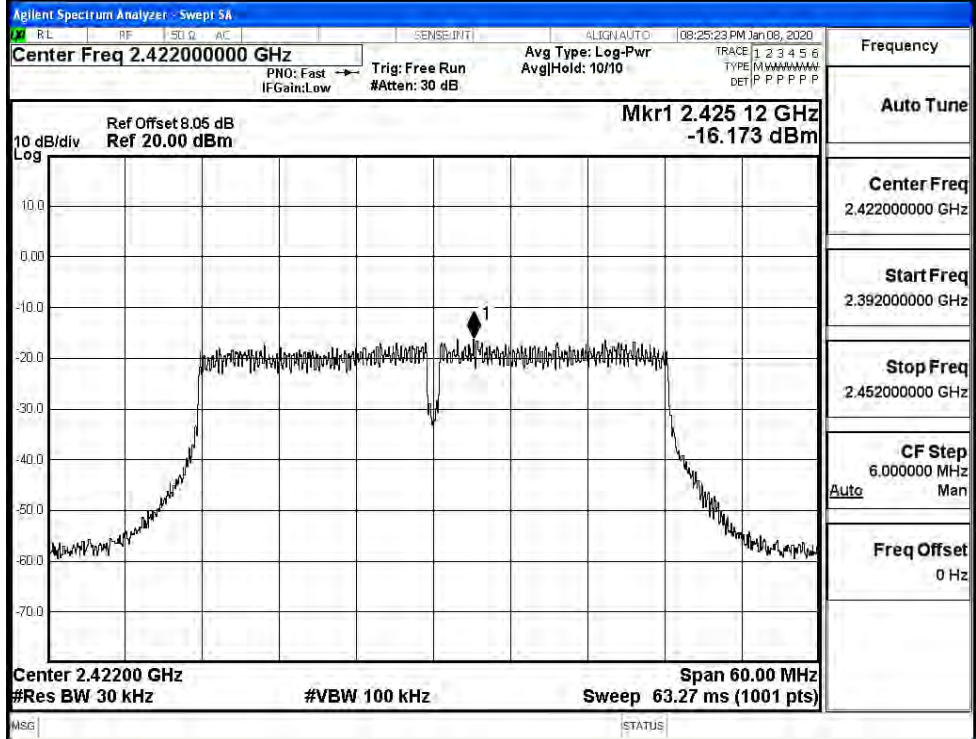
11N20/MCH



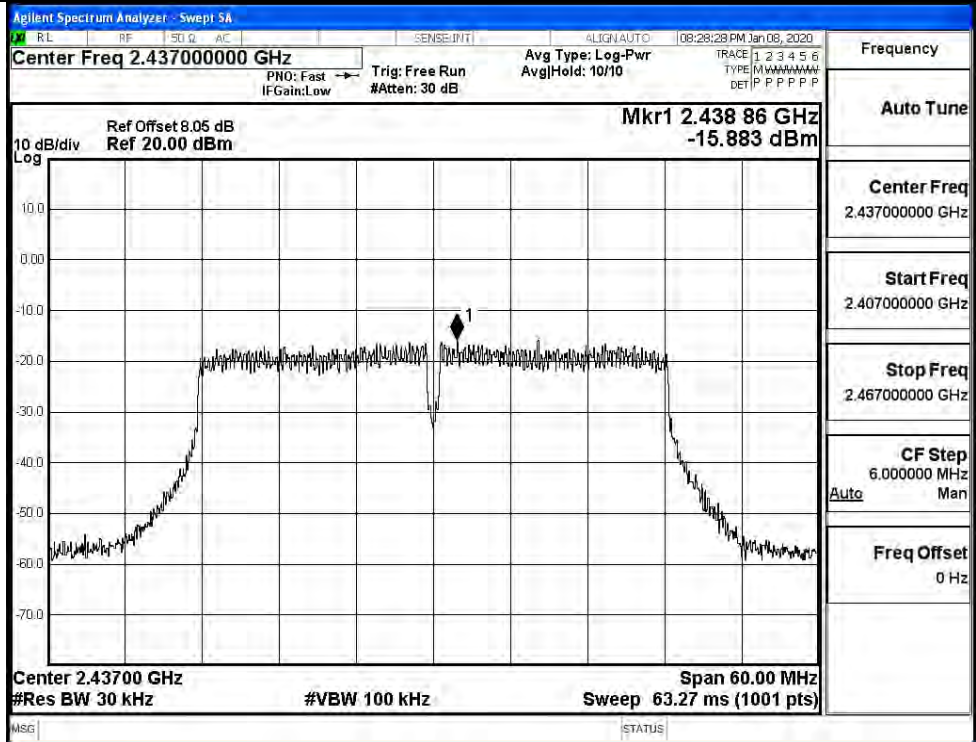
11N20/HCH



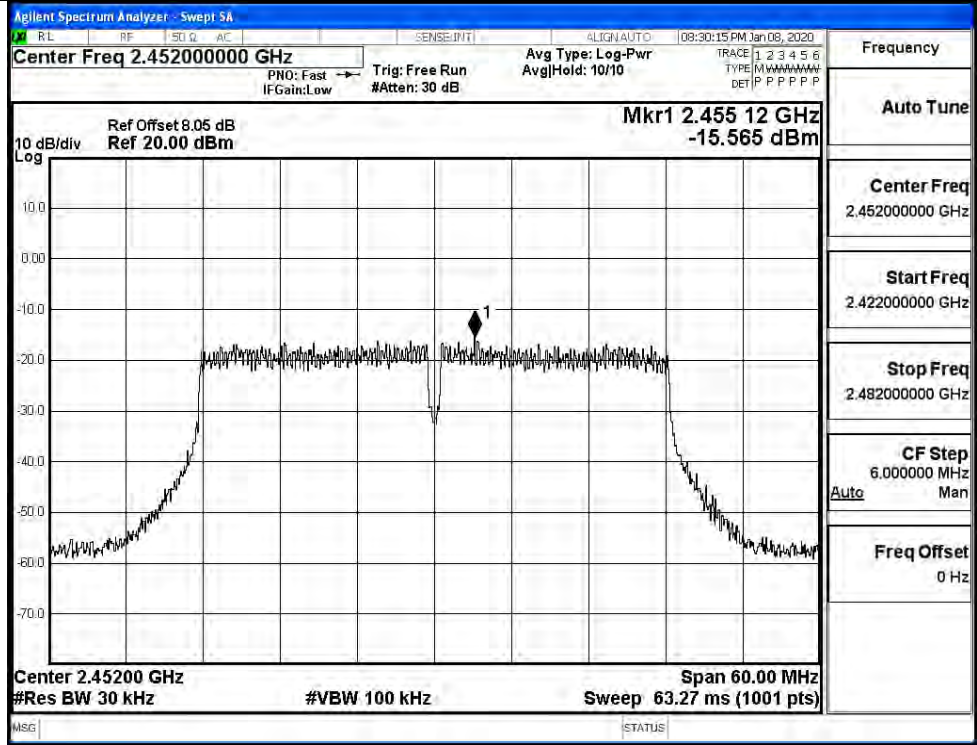
11N40/LCH



11N40/MCH

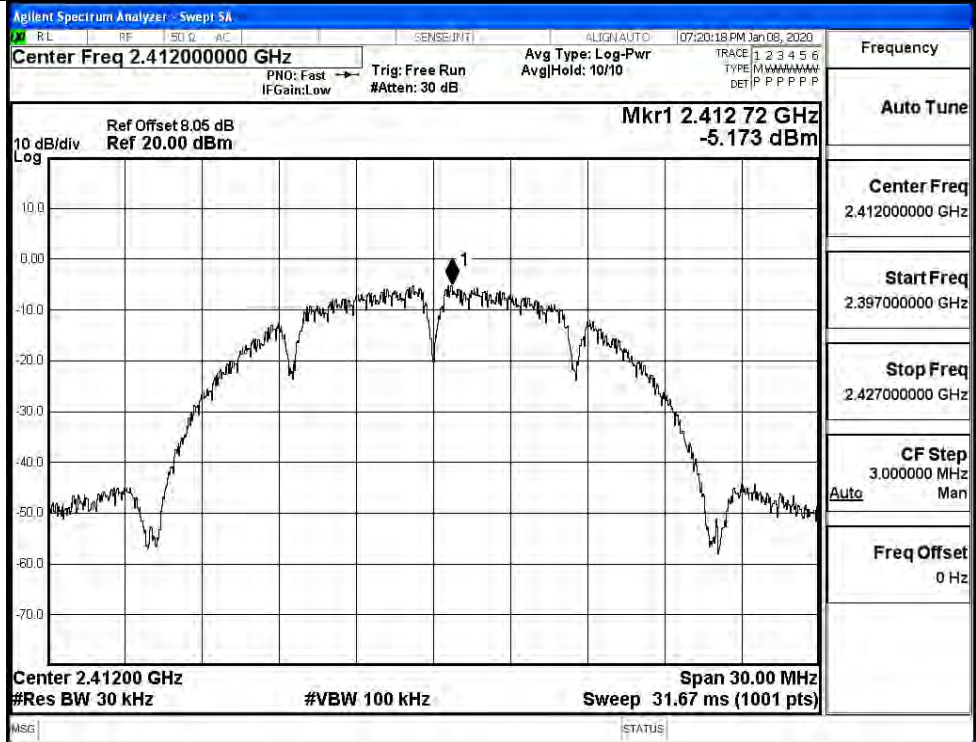


11N40/HCH

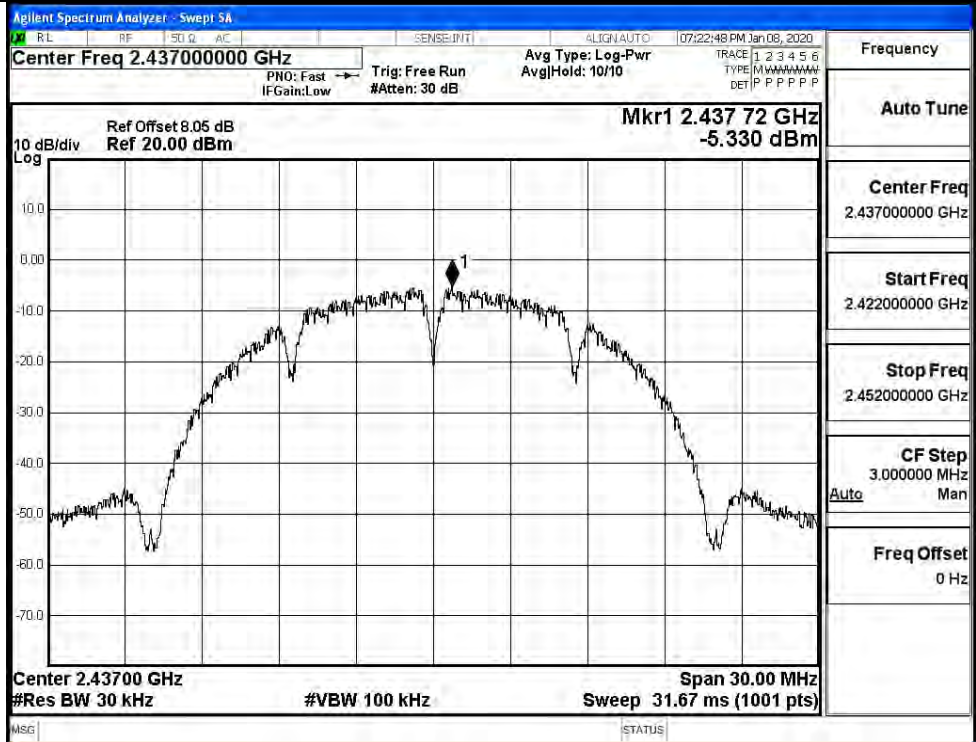


Test Graphs\_Ant\_1

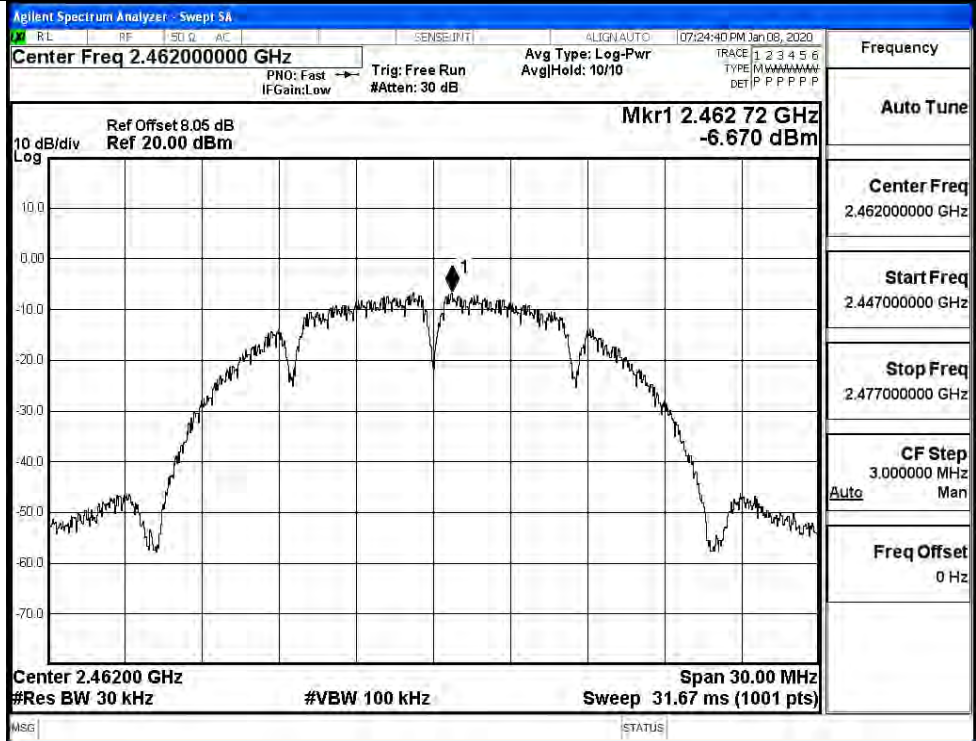
11B/LCH



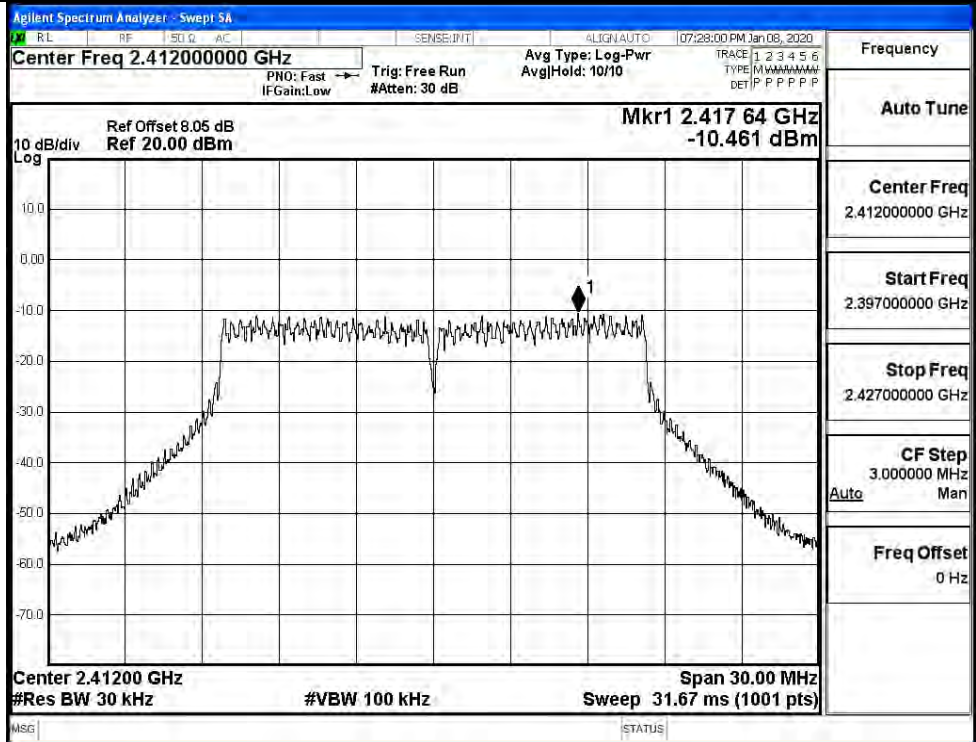
11B/MCH



11B/HCH

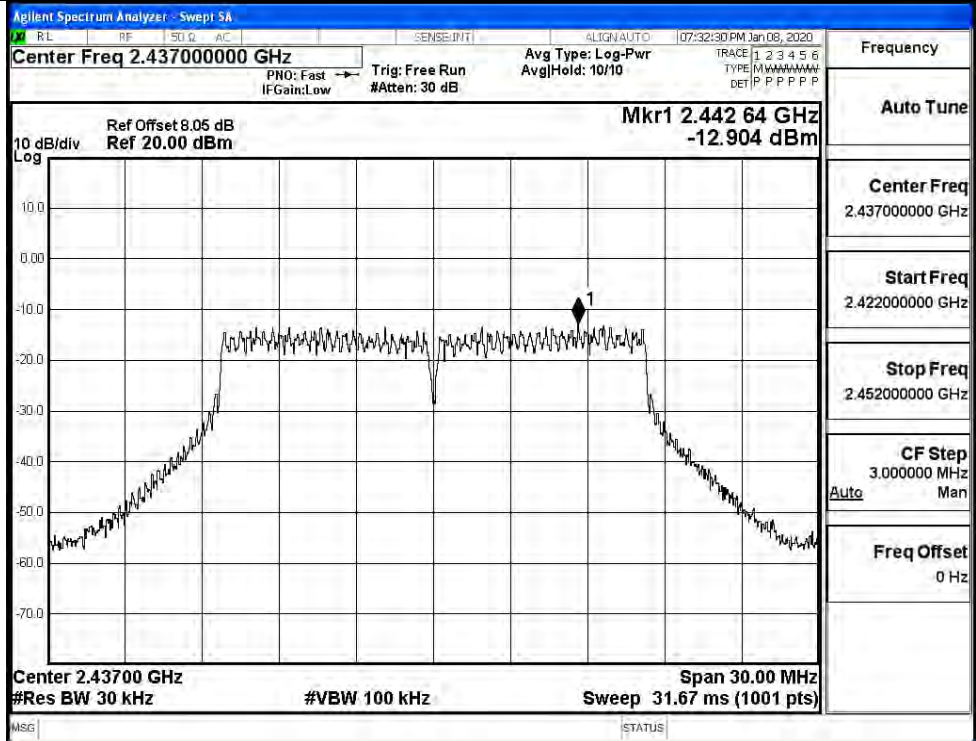


11G/LCH

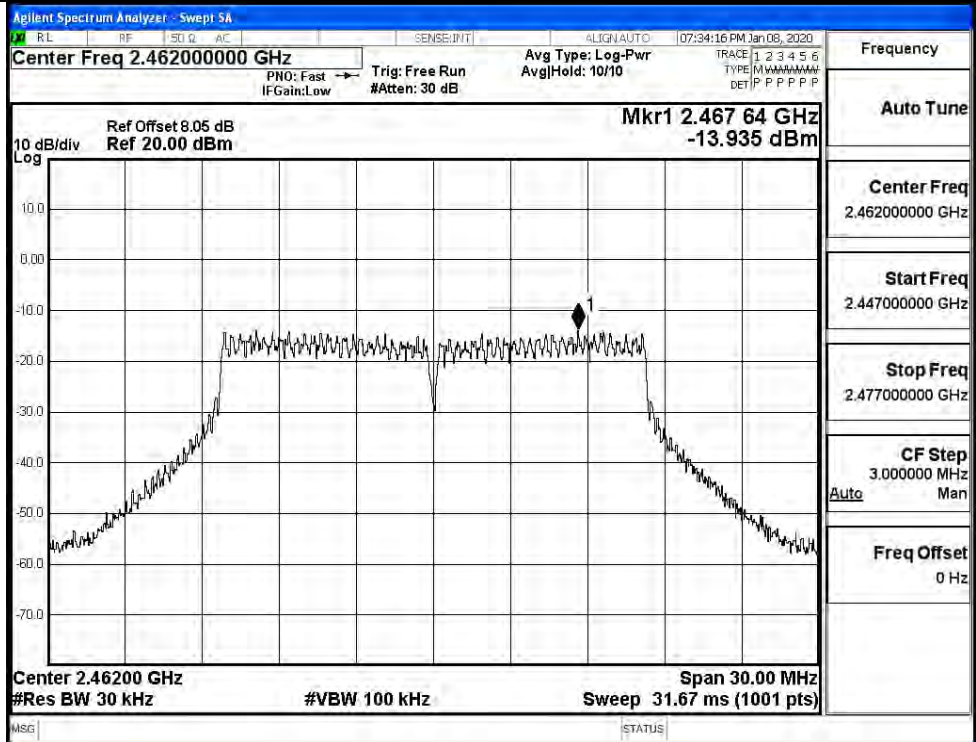




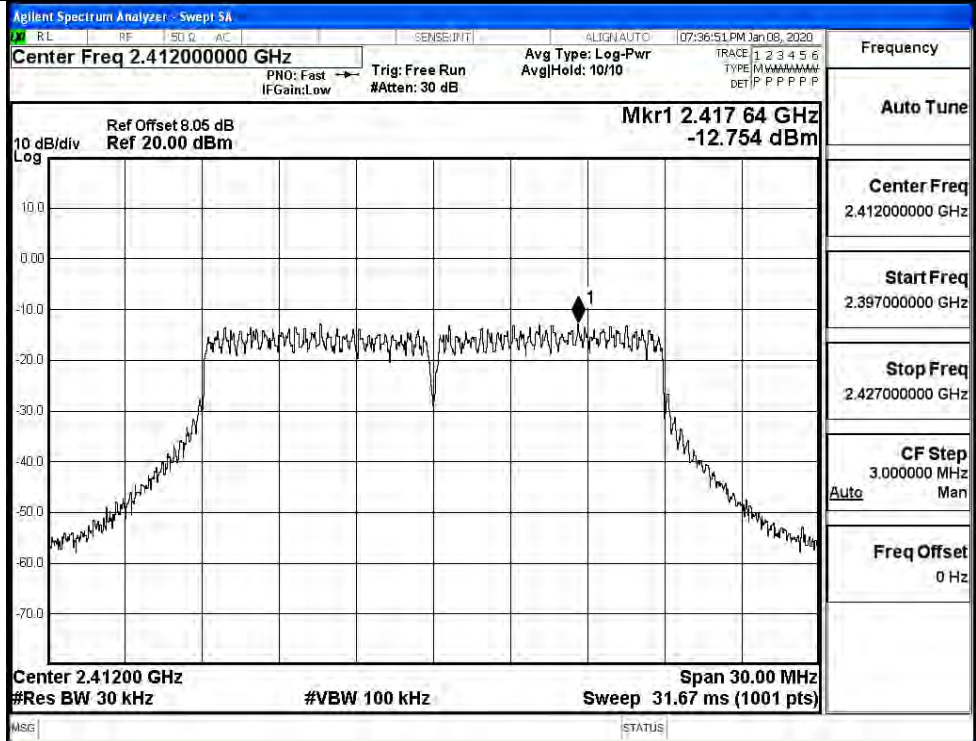
11G/MCH



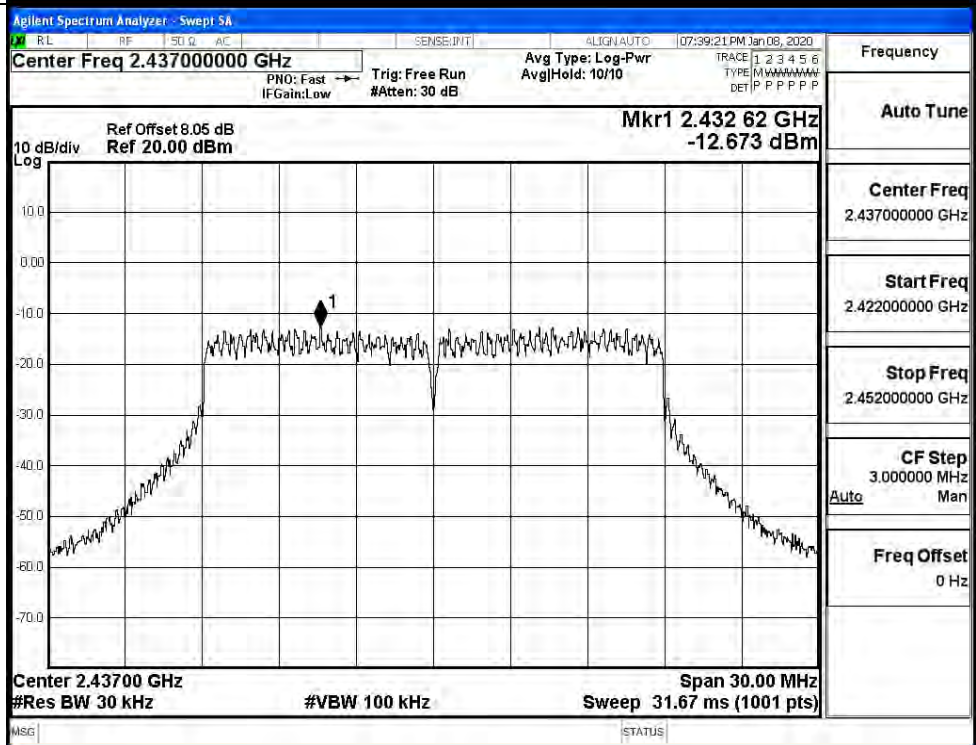
11G/HCH



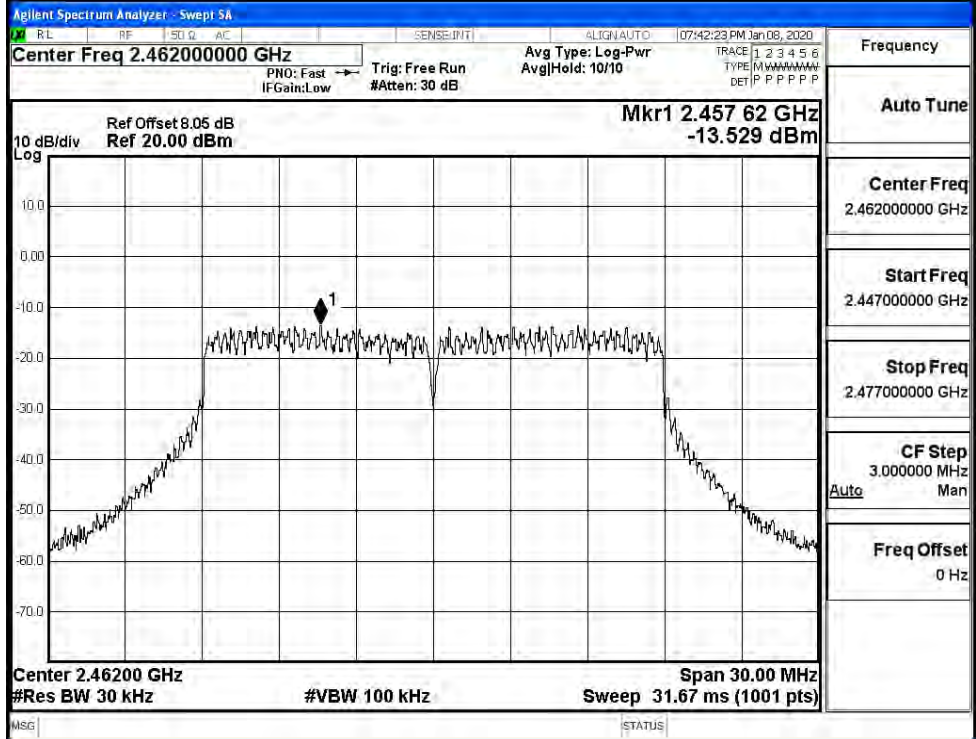
11N20/LCH



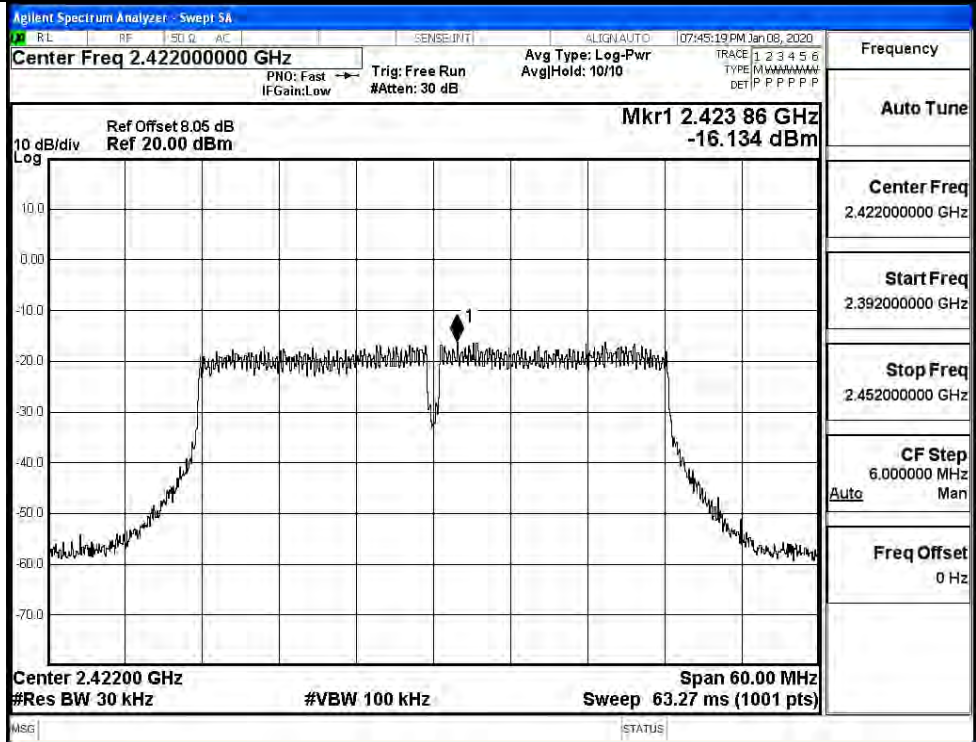
11N20/MCH



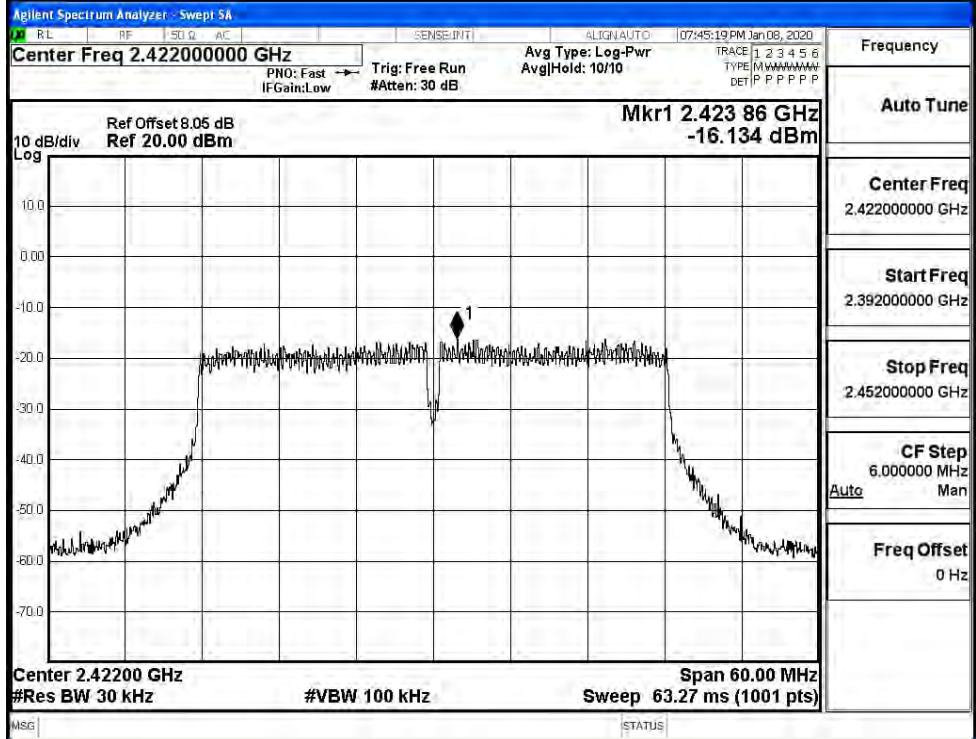
11N20/HCH



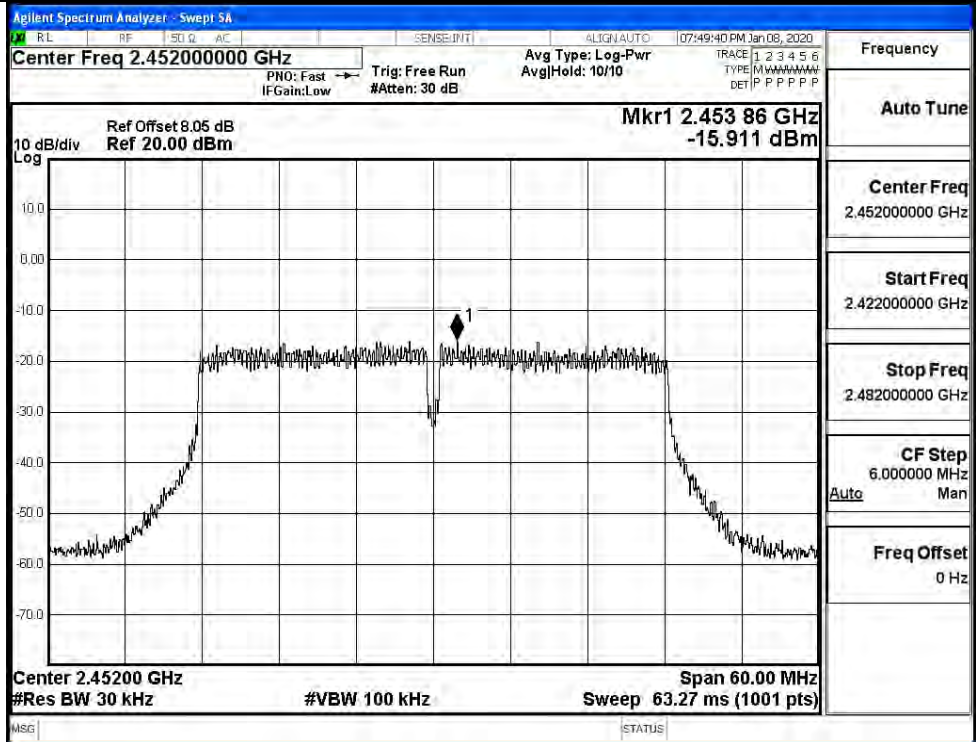
11N40/LCH



11N40/MCH

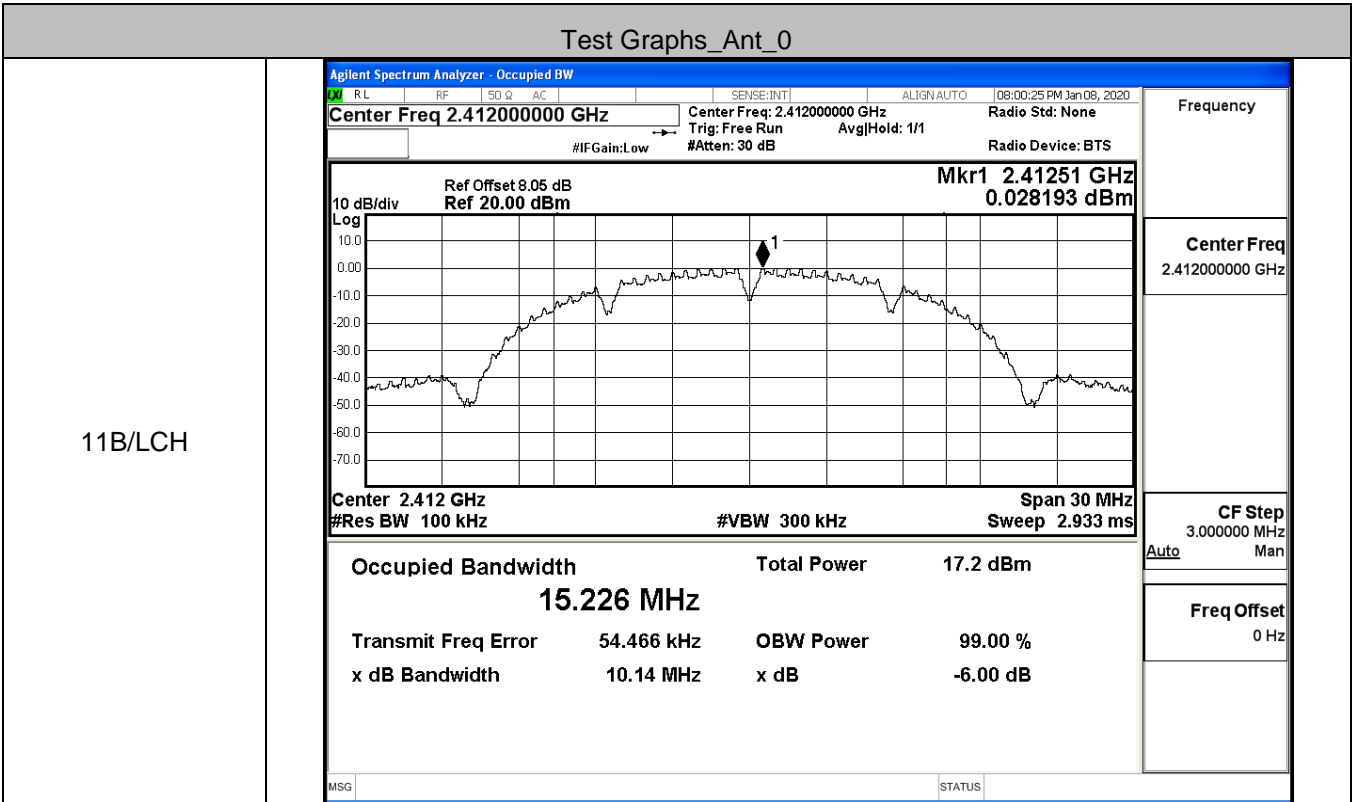


11N40/HCH

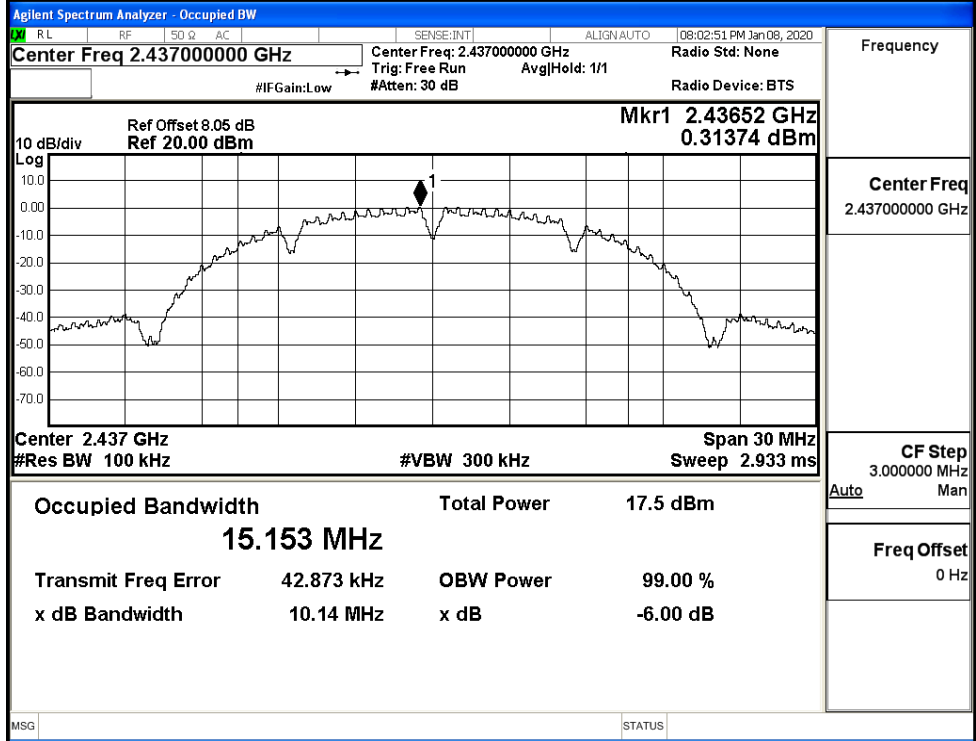


**A.4 6dB Bandwidth**

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



11B/MCH



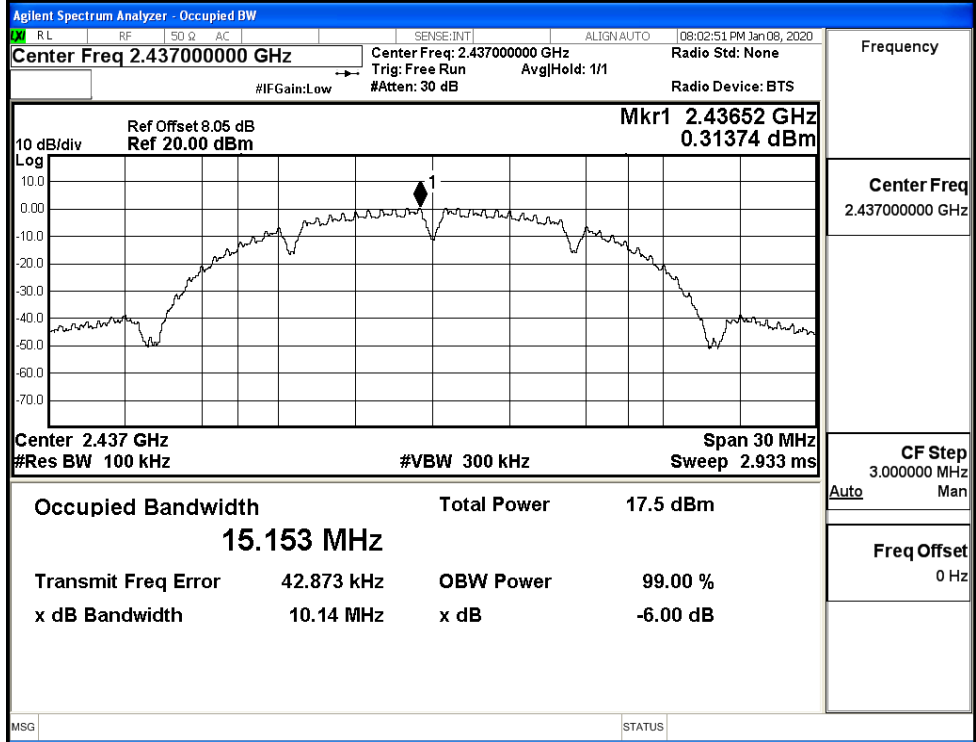
Frequency

Center Freq  
2.43700000 GHz

CF Step  
3.000000 MHz  
Auto Man

Freq Offset  
0 Hz

11B/HCH



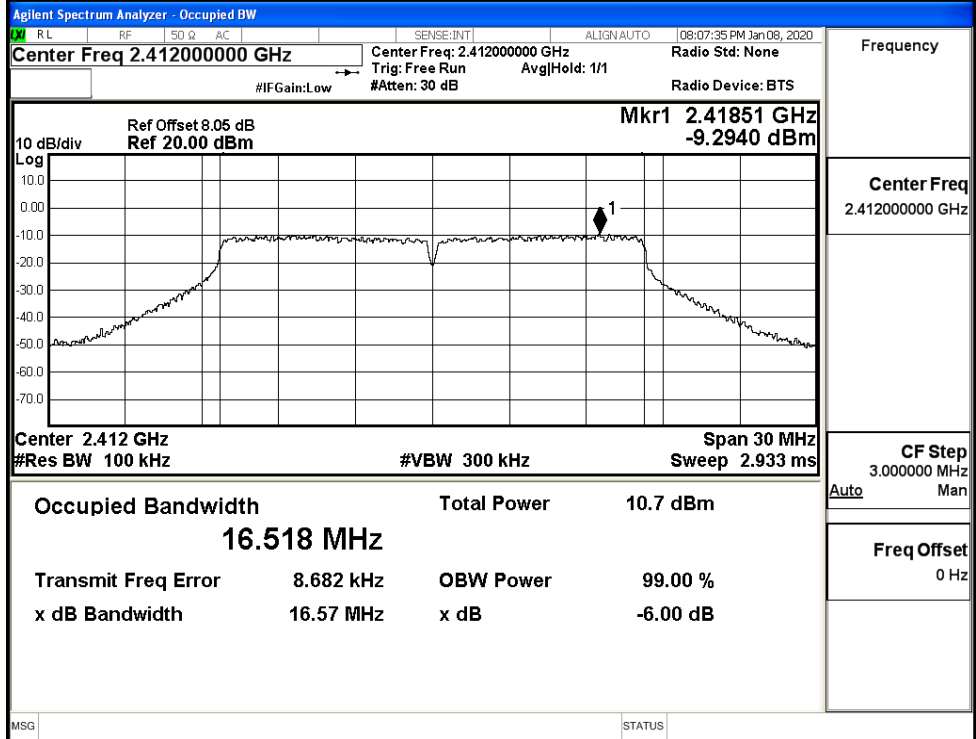
Frequency

Center Freq  
2.43700000 GHz

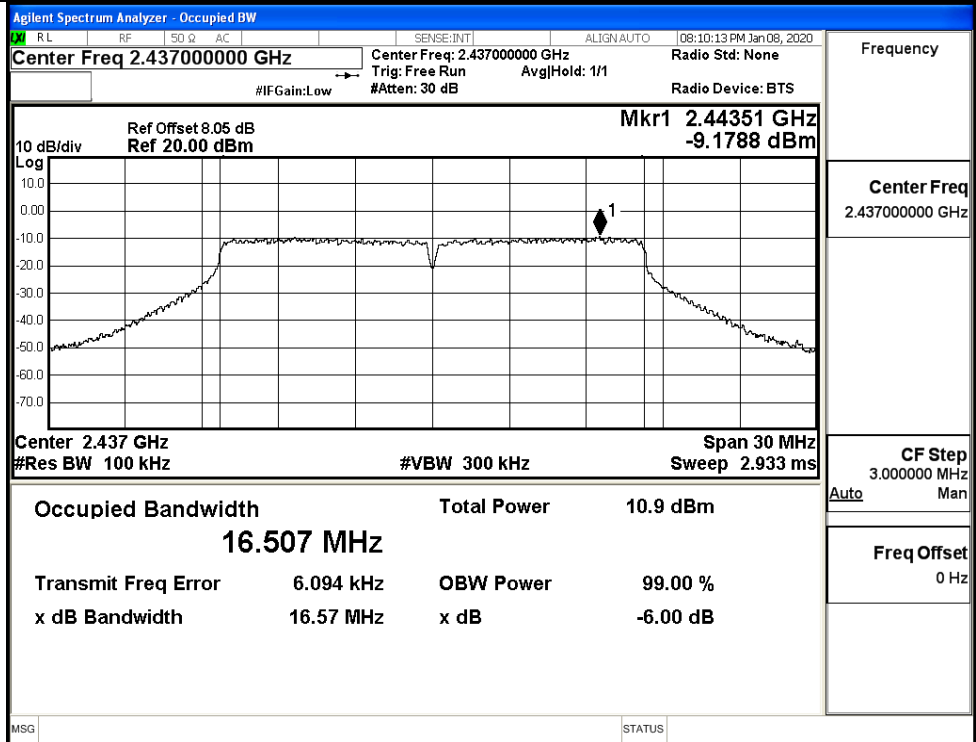
CF Step  
3.000000 MHz  
Auto Man

Freq Offset  
0 Hz

11G/LCH



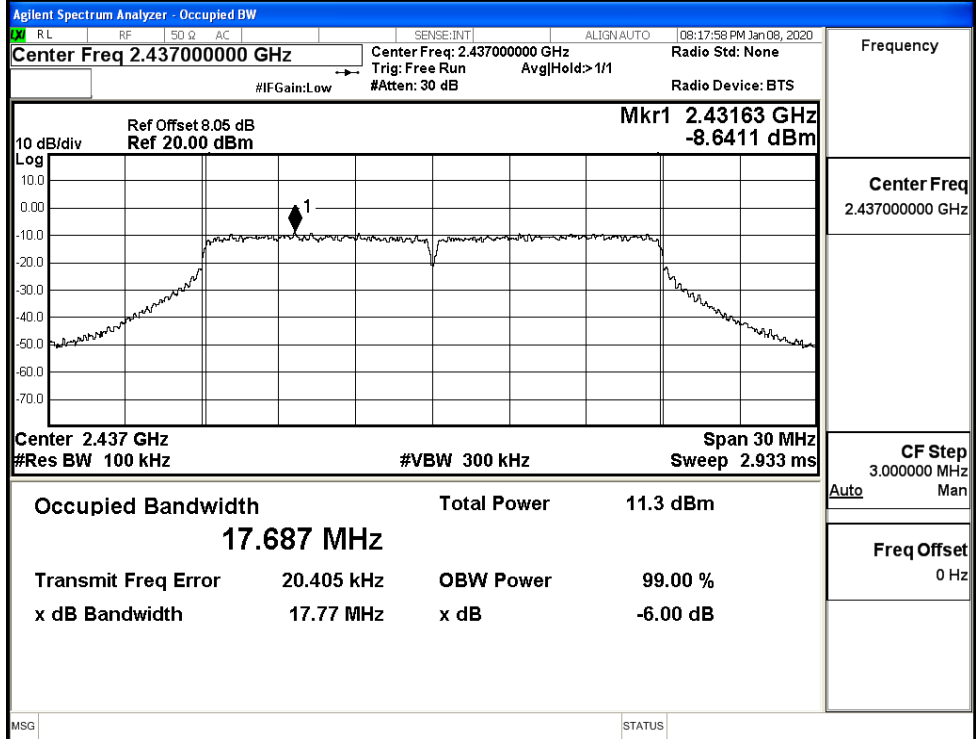
11G/MCH







11N20/MCH



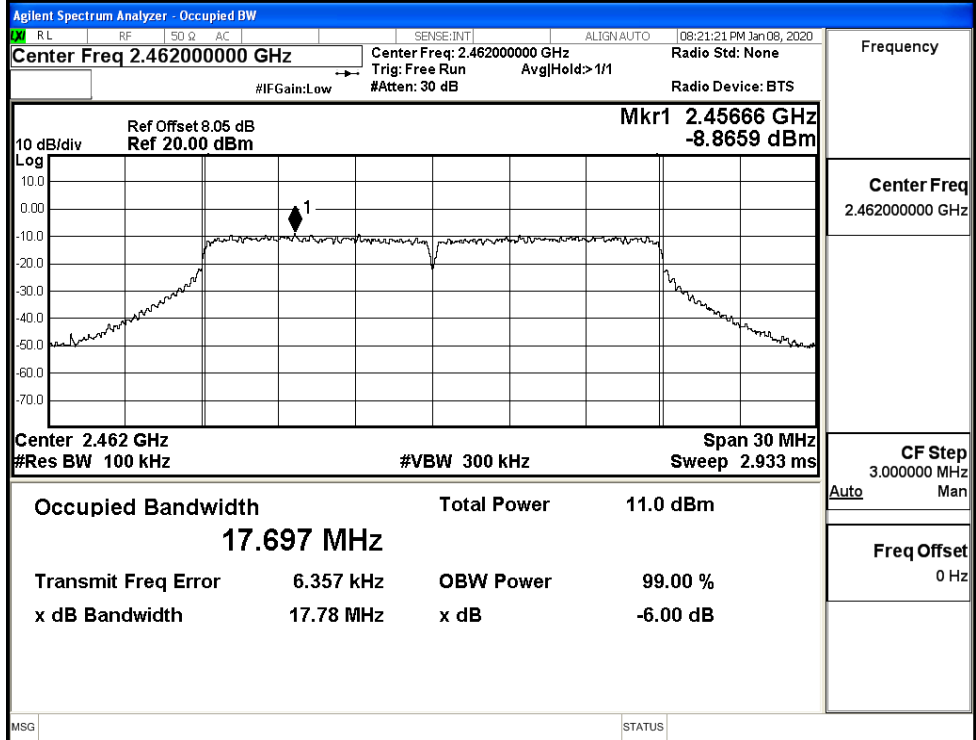
Frequency

Center Freq  
2.43700000 GHz

CF Step  
3.000000 MHz  
Auto Man

Freq Offset  
0 Hz

11N20/HCH



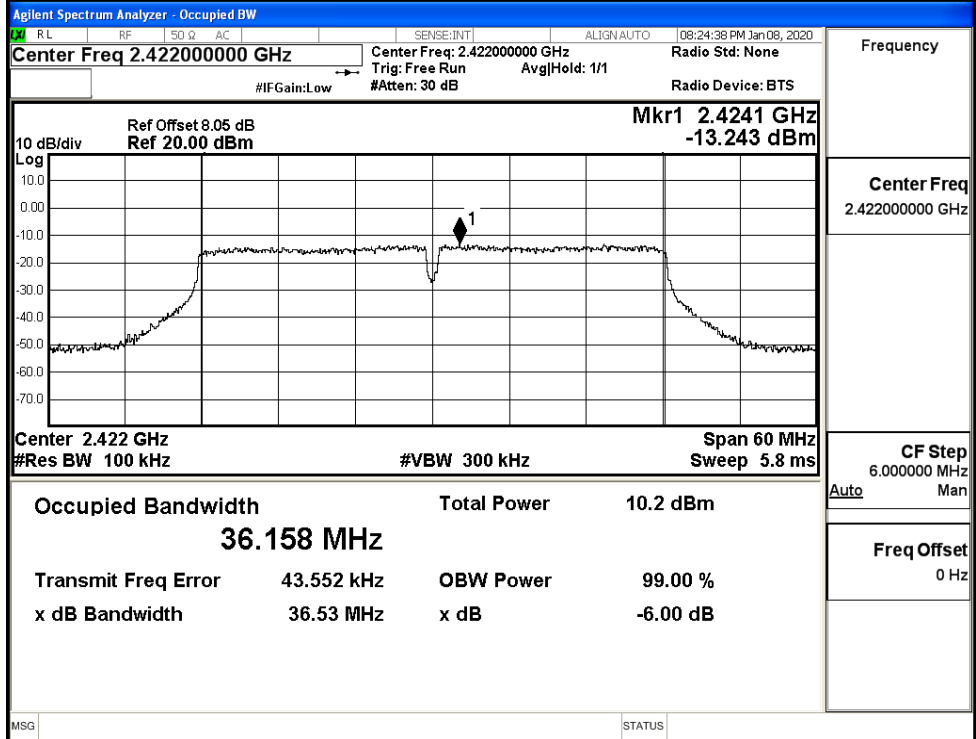
Frequency

Center Freq  
2.46200000 GHz

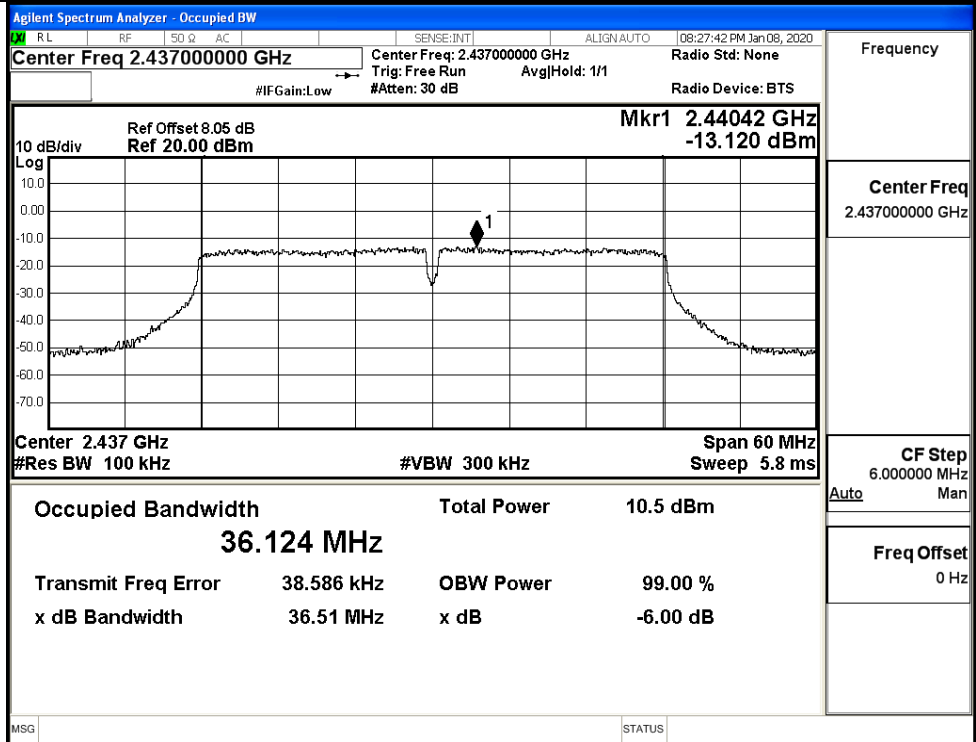
CF Step  
3.000000 MHz  
Auto Man

Freq Offset  
0 Hz

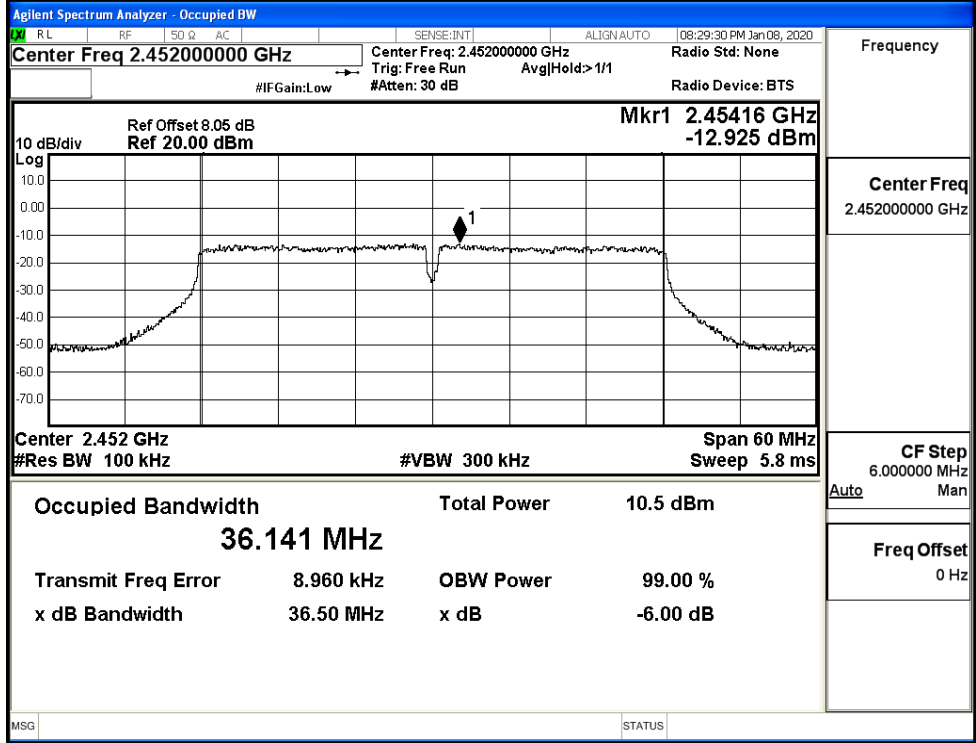
11N40/LCH



11N40/MCH

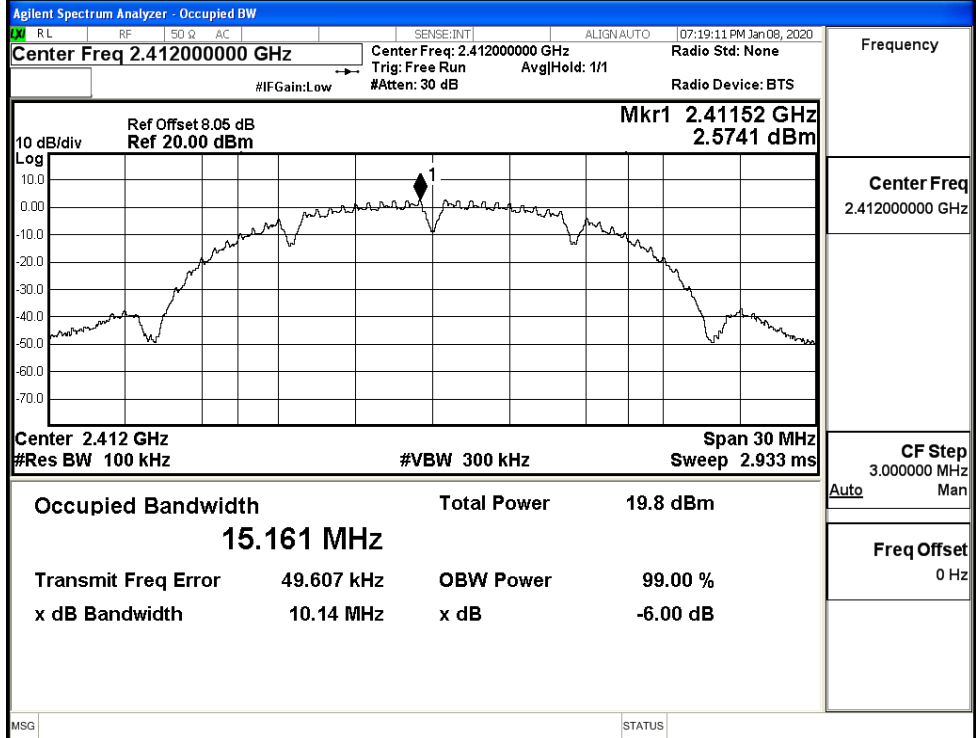


11N40/HCH

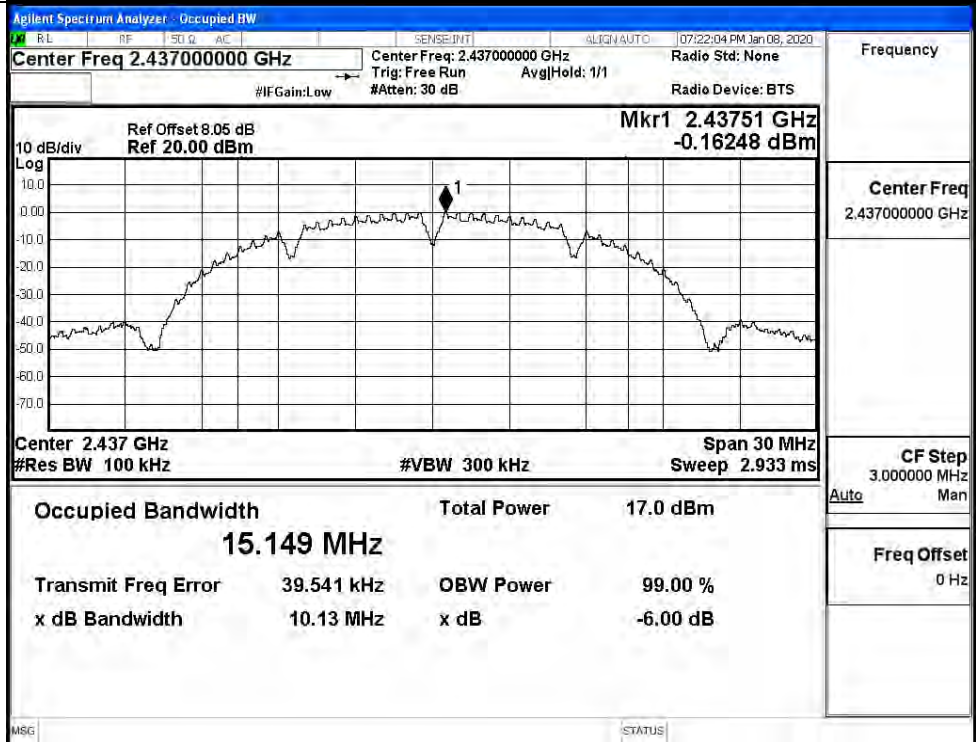


Test Graphs\_Ant\_1

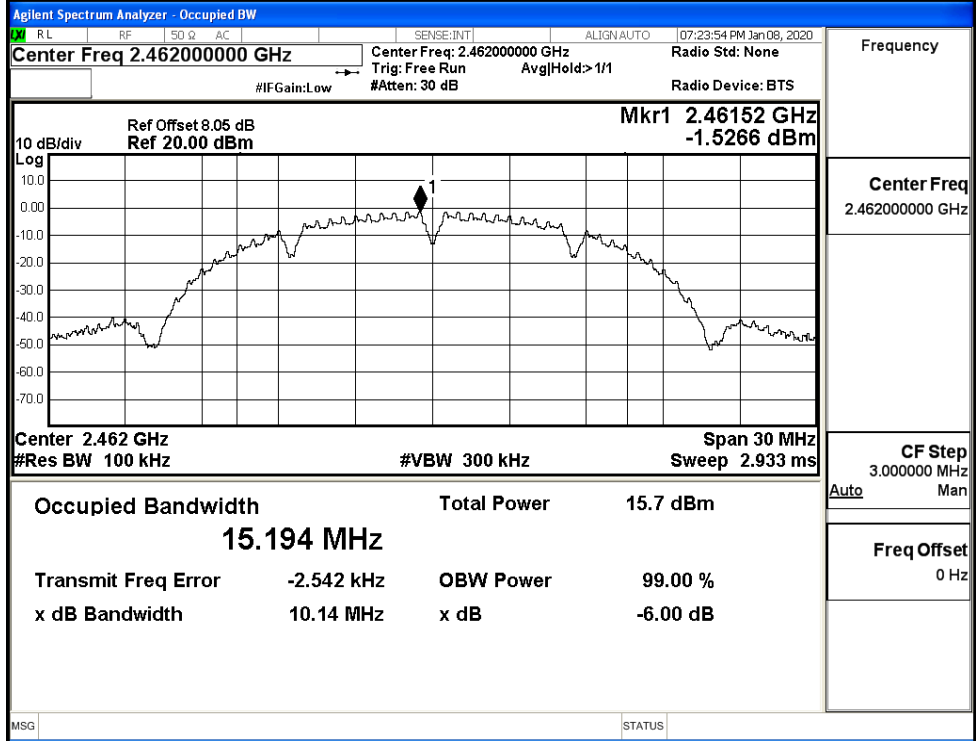
11B/LCH



11B/MCH



11B/HCH



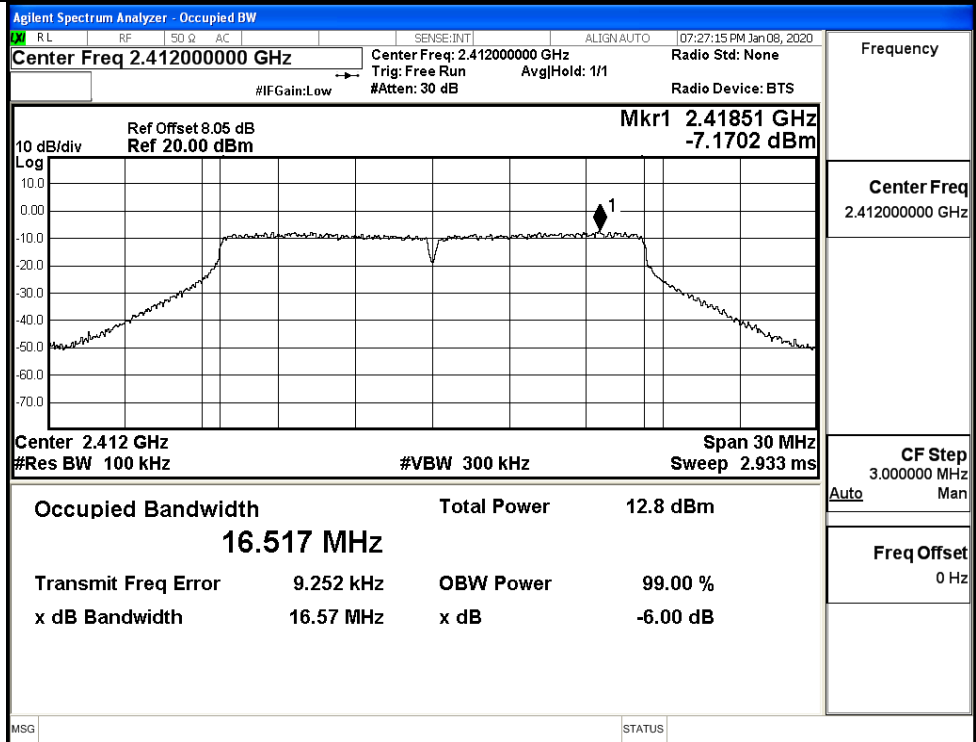
Frequency

Center Freq  
2.46200000 GHz

CF Step  
3.000000 MHz

Freq Offset  
0 Hz

11G/LCH



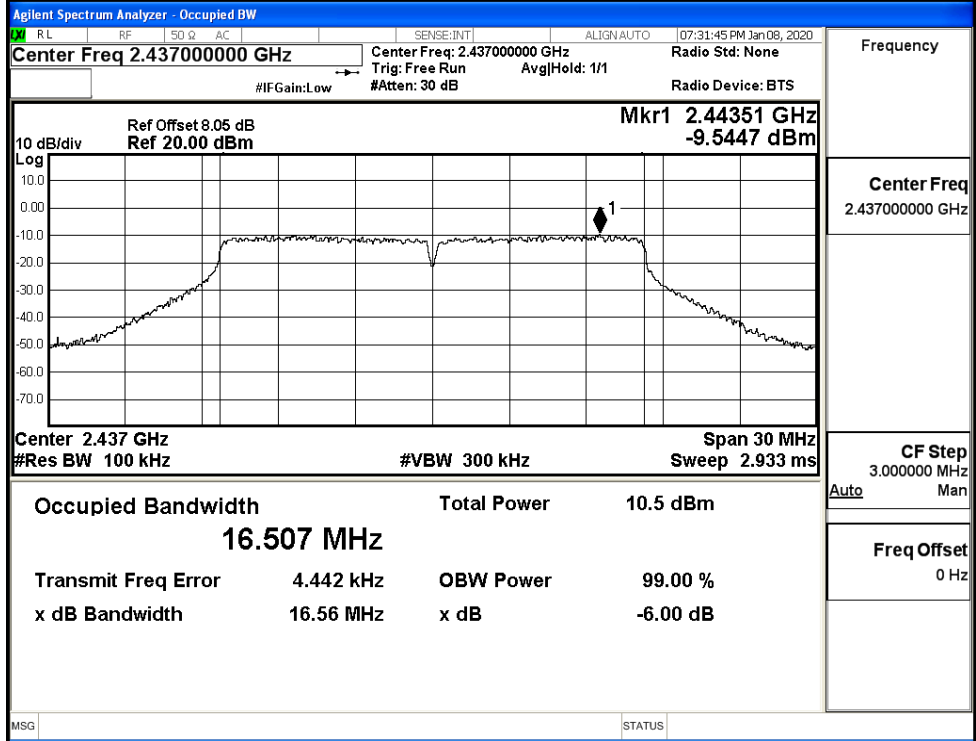
Frequency

Center Freq  
2.41200000 GHz

CF Step  
3.000000 MHz

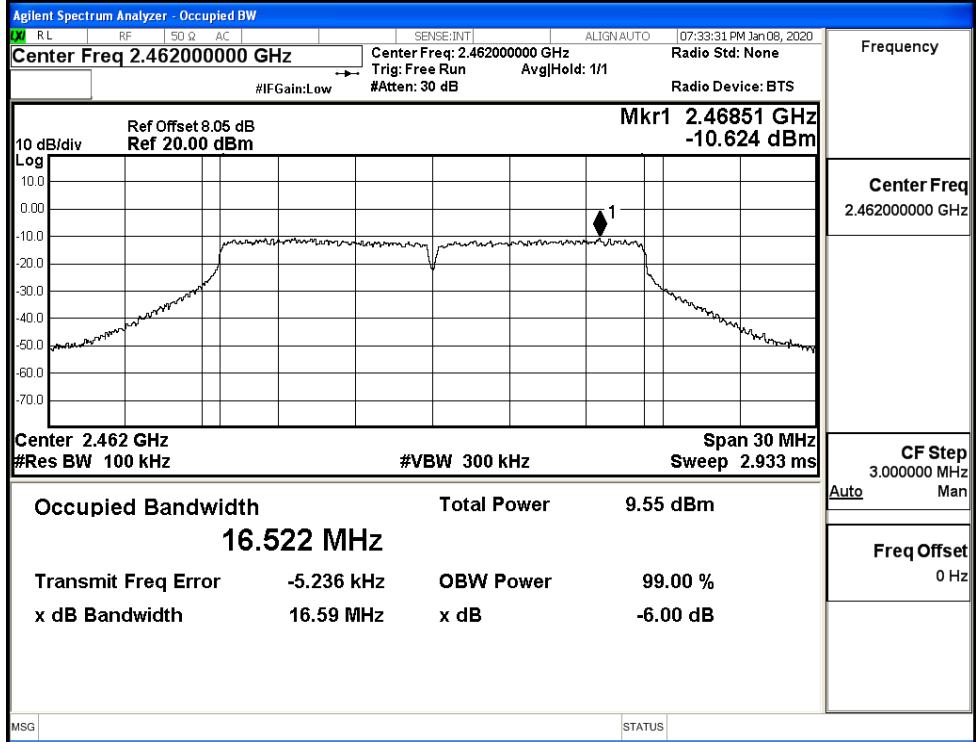
Freq Offset  
0 Hz

11G/MCH



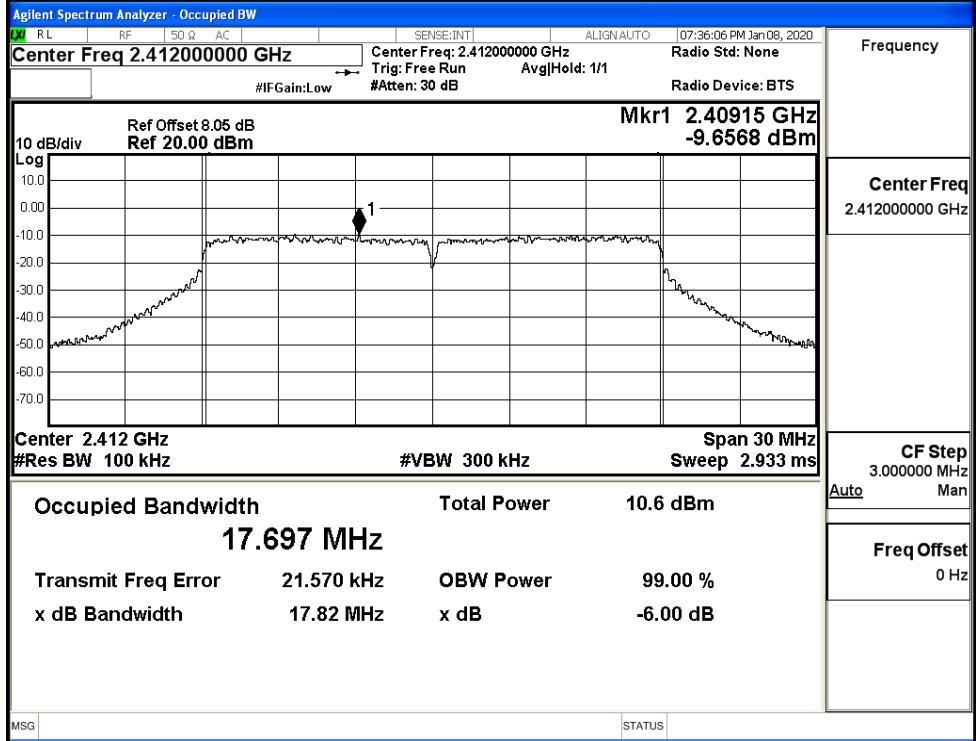
Frequency	2.43700000 GHz
Center Freq	2.43700000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11G/HCH

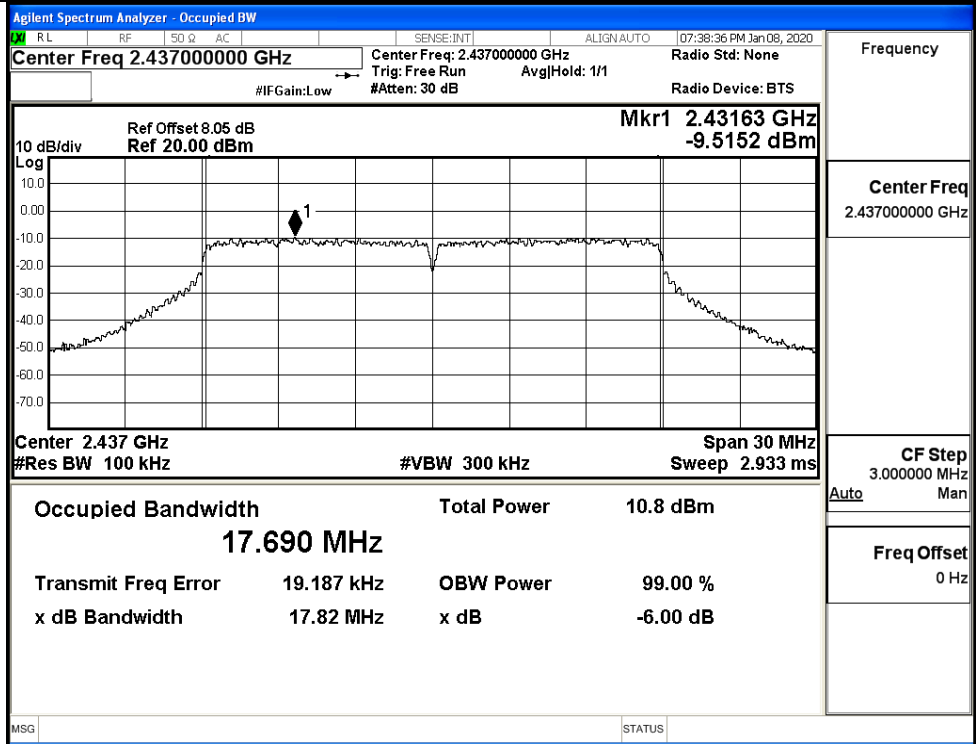


Frequency	2.46200000 GHz
Center Freq	2.46200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

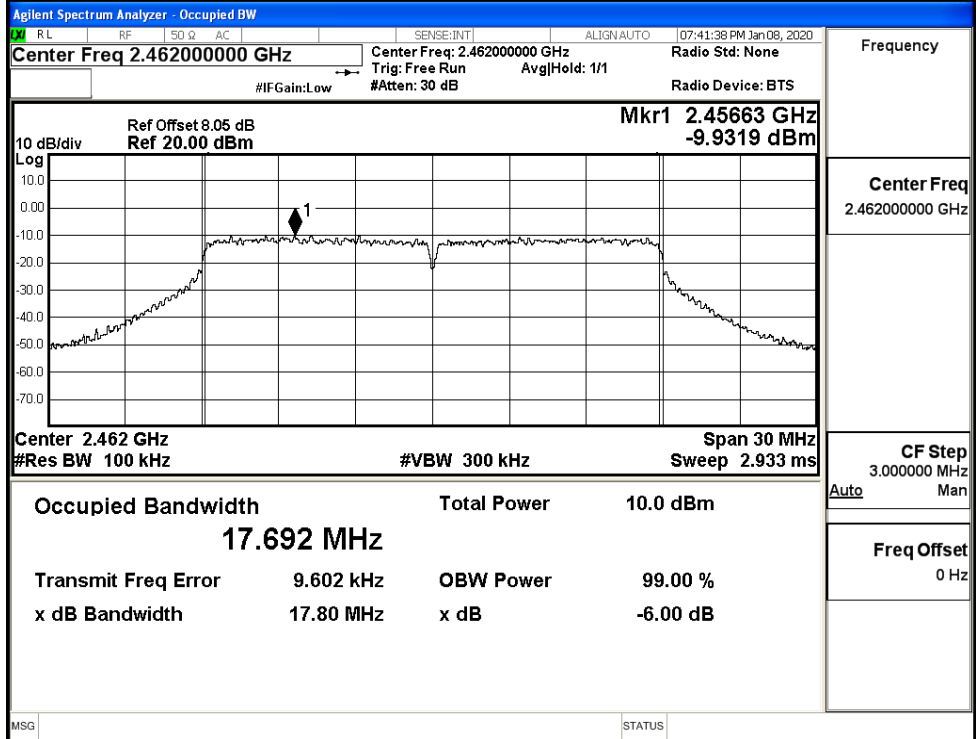
11N20/LCH



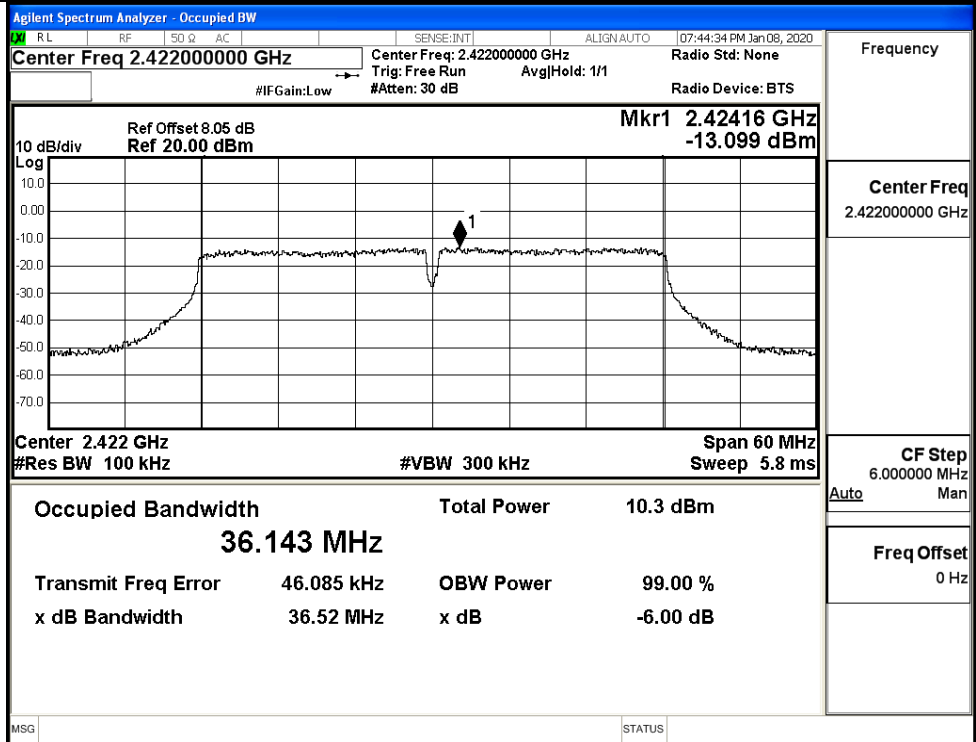
11N20/MCH



11N20/HCH

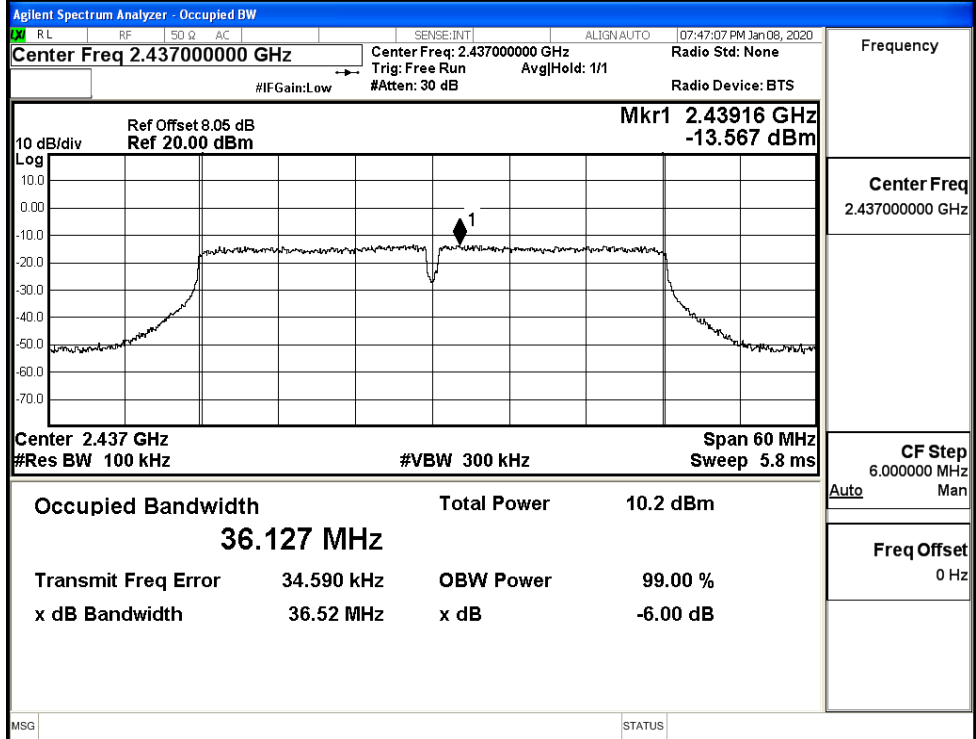


11N40/LCH

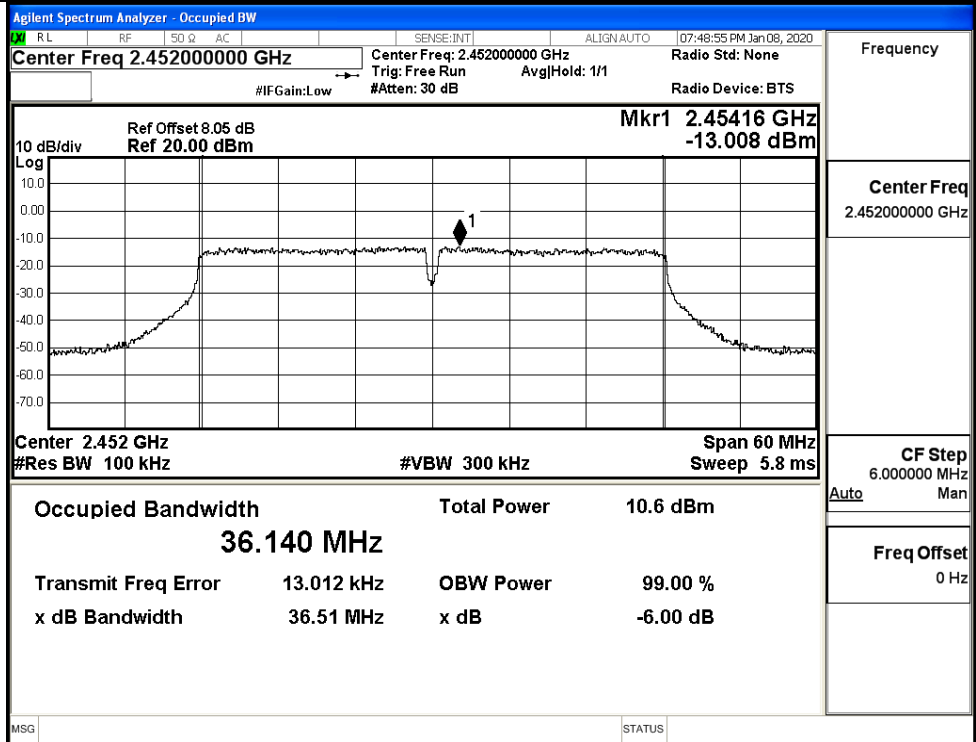




11N40/MCH



11N40/HCH

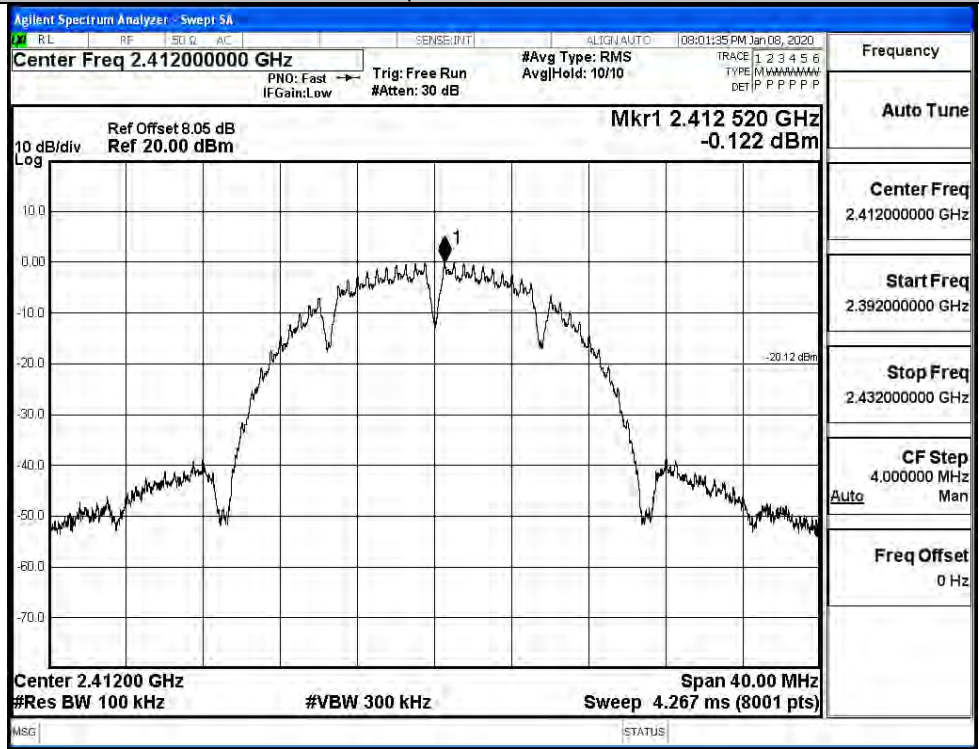


**A.5 RF Conducted Spurious Emissions****Ant\_0**

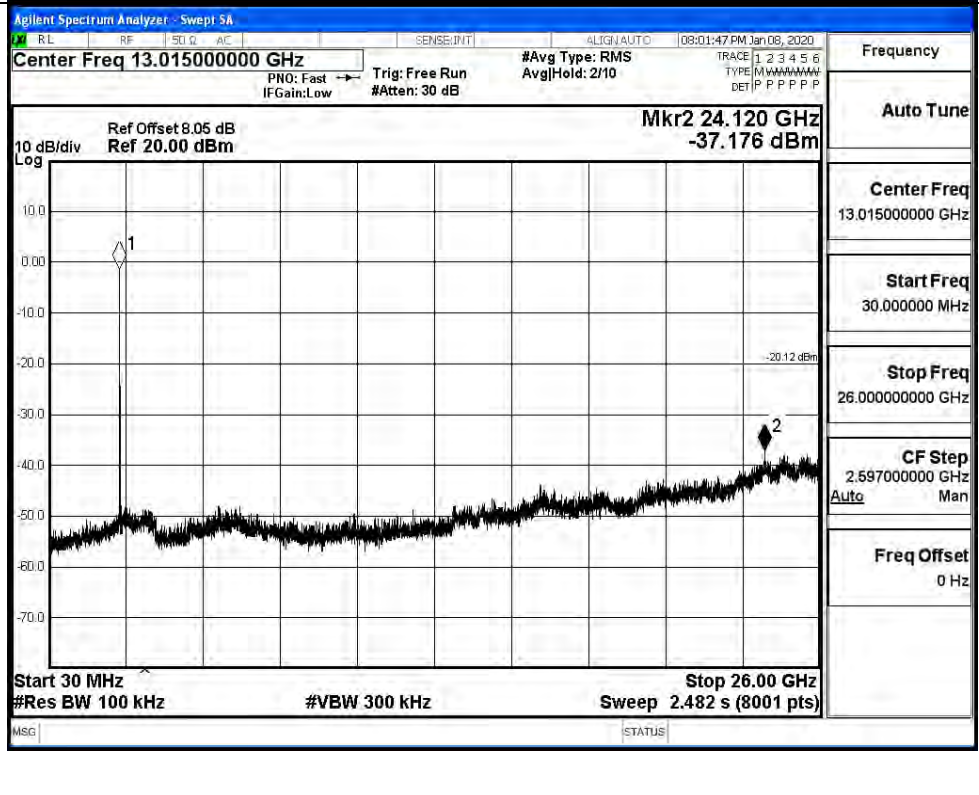
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.122	-37.176	-20.122	PASS
	MCH	0.155	-38.166	-19.845	PASS
	HCH	-0.668	-37.546	-20.668	PASS
11G	LCH	-9.43	-37.346	-29.430	PASS
	MCH	-9.288	-37.431	-29.288	PASS
	HCH	-9.89	-37.070	-29.890	PASS
11N20	LCH	-9.775	-37.240	-29.775	PASS
	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

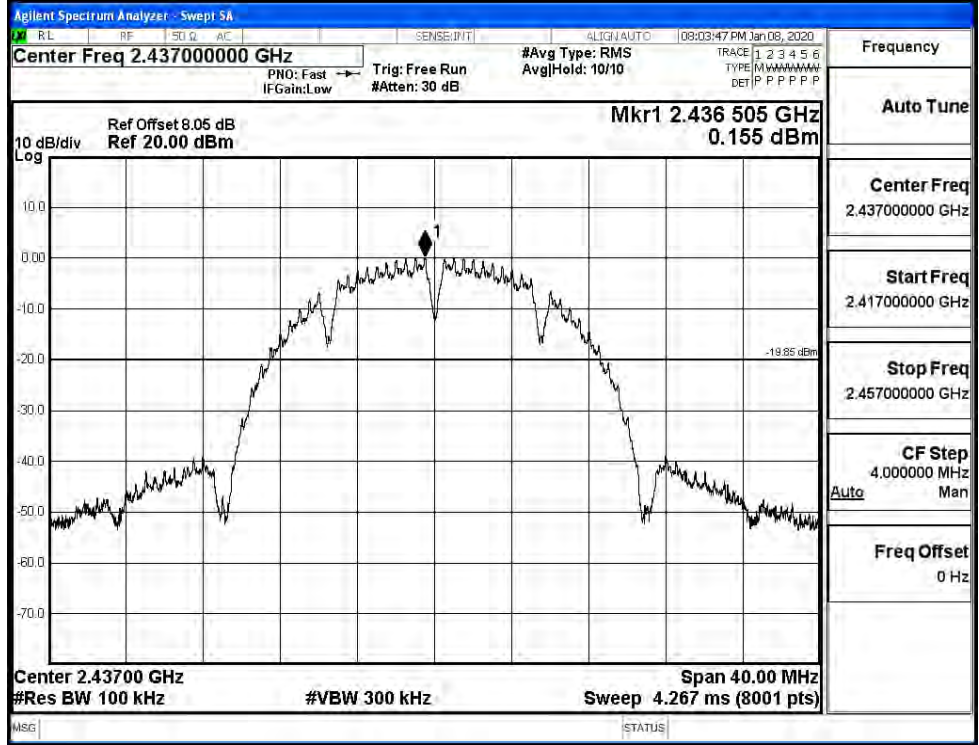


Puw/11B/LCH

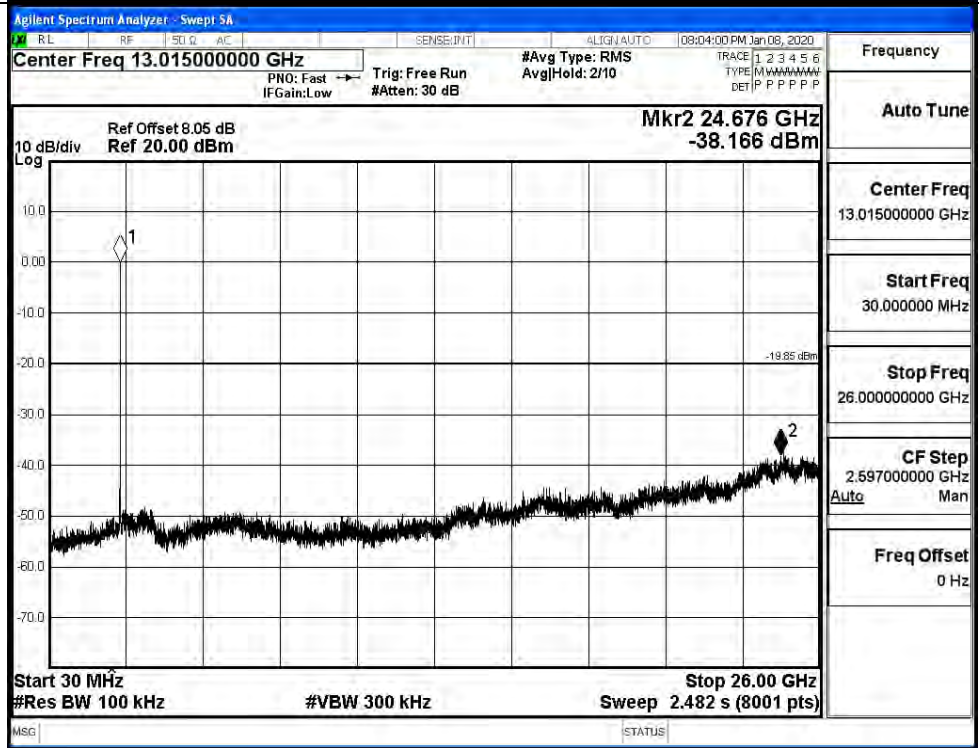


11B\_MCH\_Graphs\_Ant\_0

Pref/11B/MCH

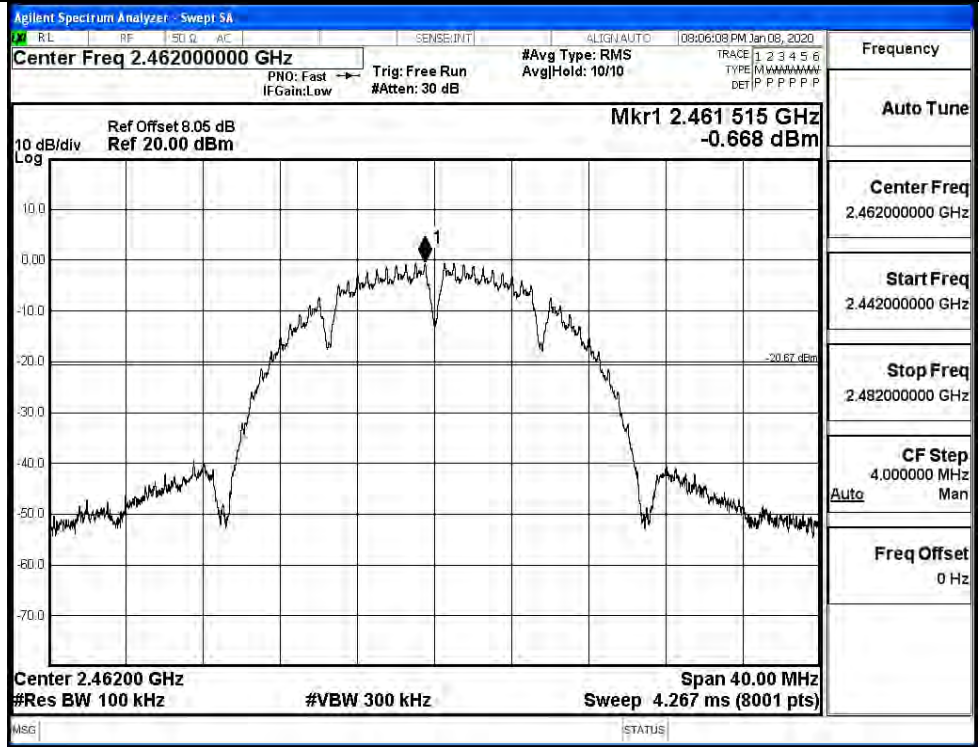


Puw/11B/MCH

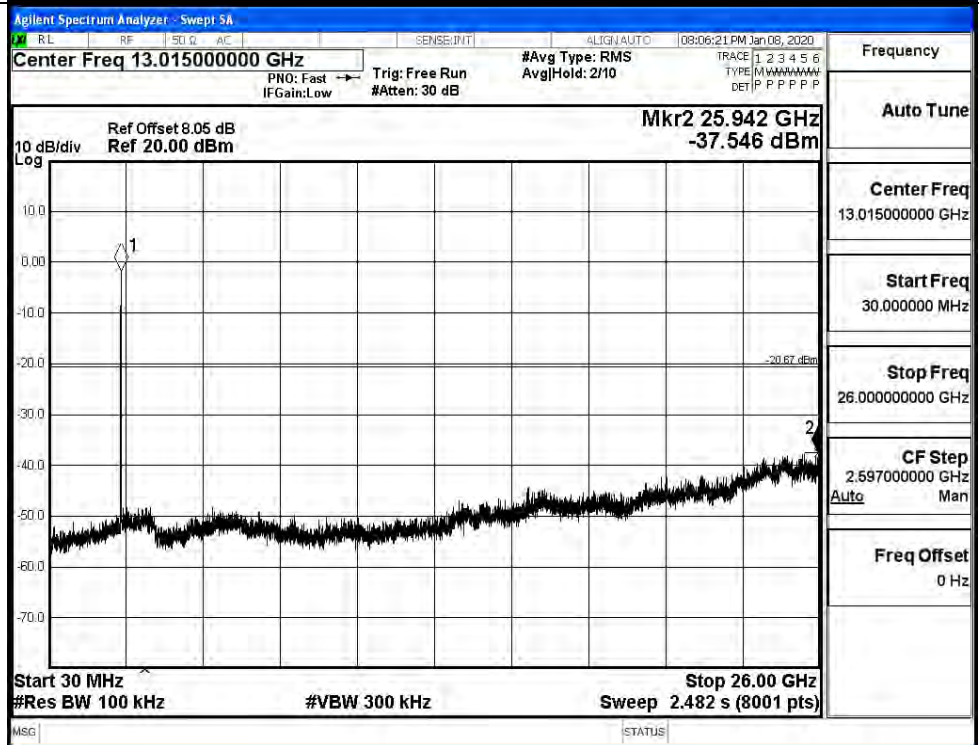


11B\_HCH\_Graphs\_Ant\_0

Pref/11B/HCH

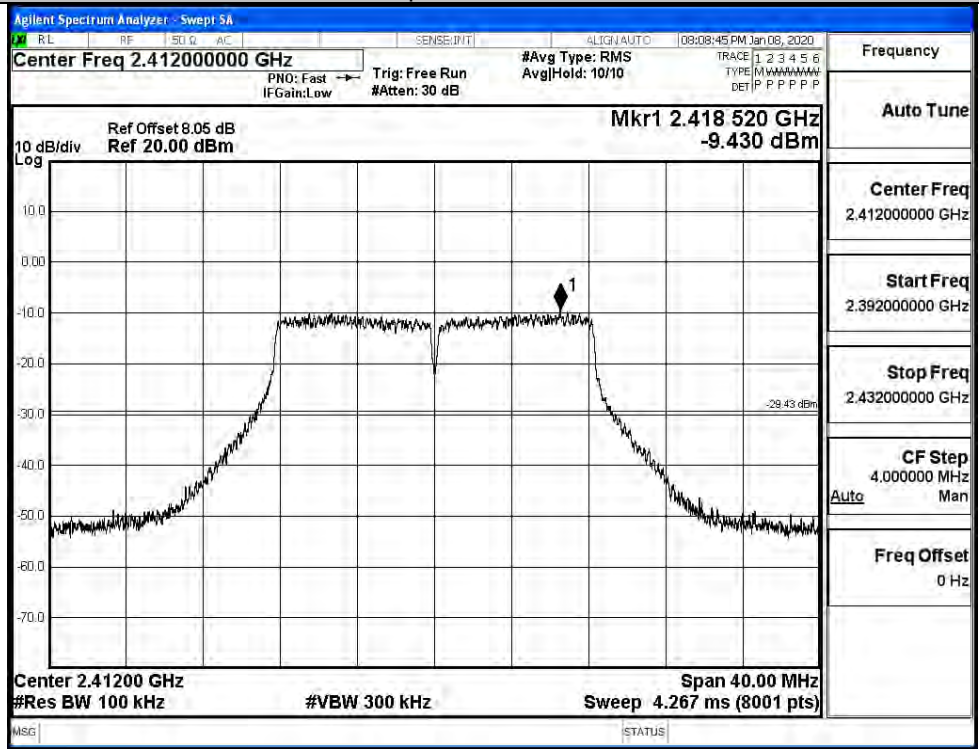


Puw/11B/HCH

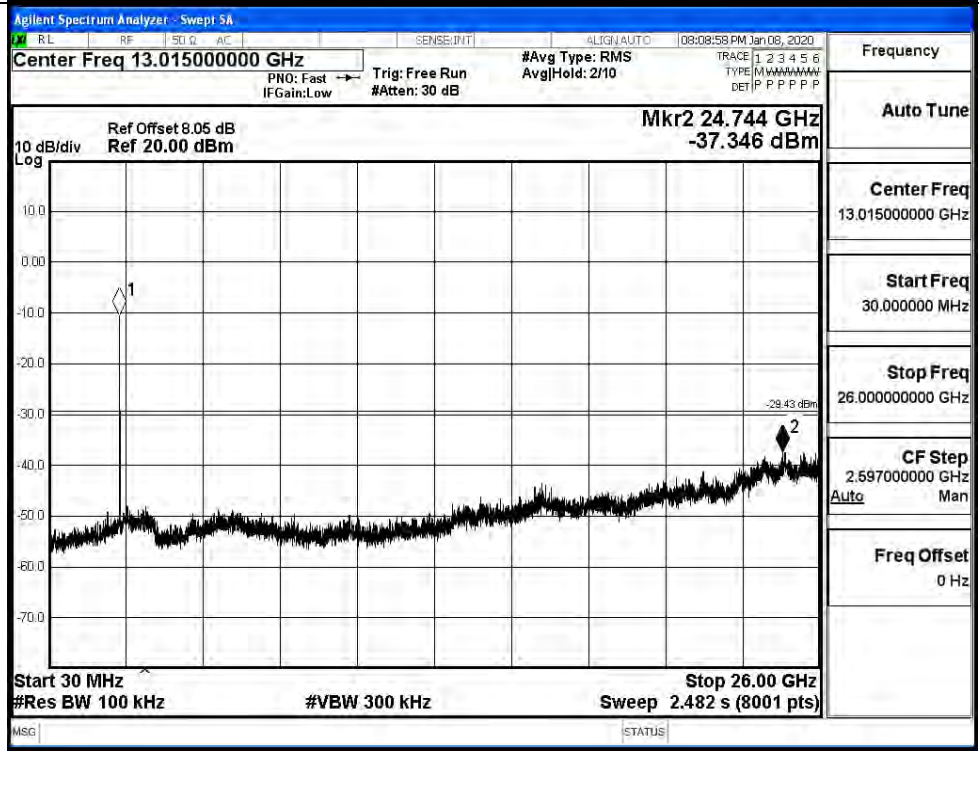


11G\_LCH\_Graphs\_Ant\_0

Pref/11G/LCH

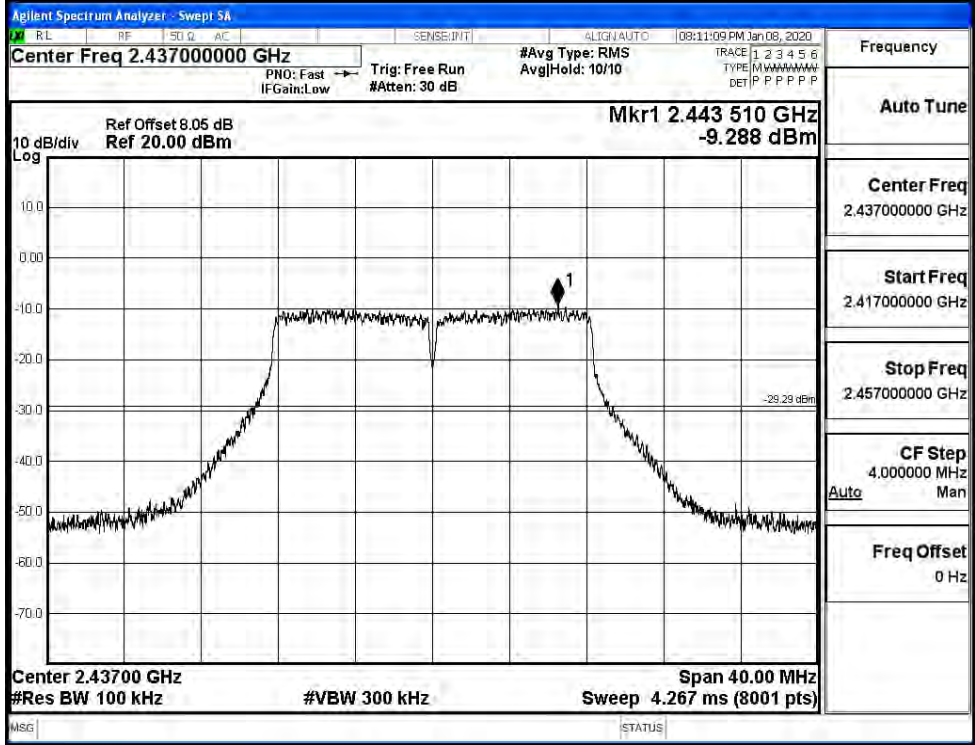


Puw/11G/LCH

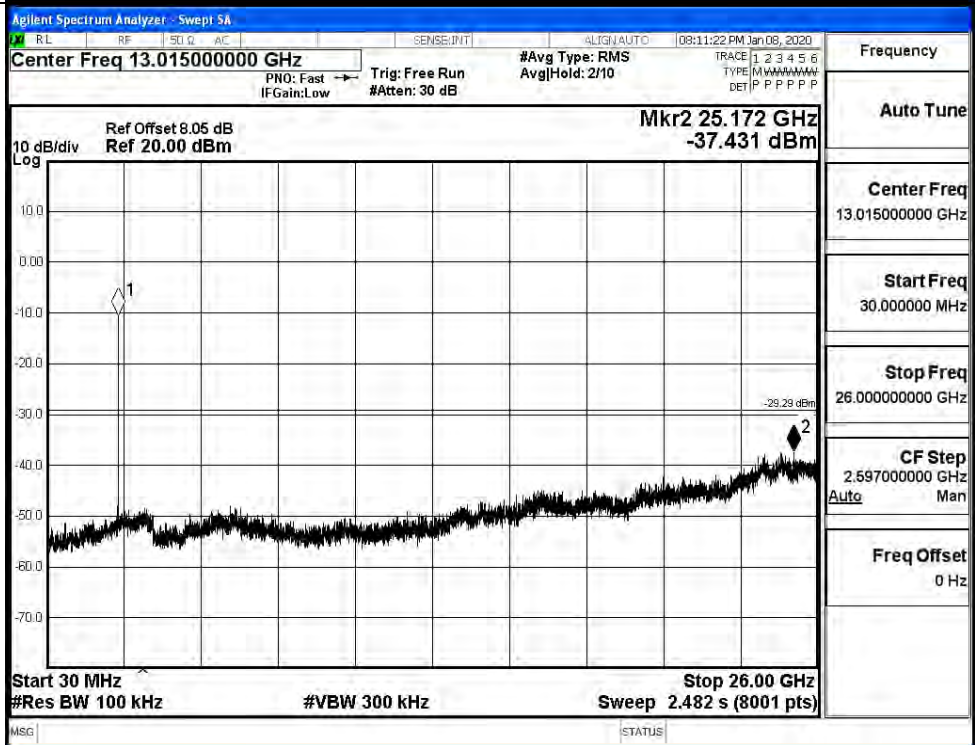


11G\_MCH\_Graphs\_Ant\_0

Pref/11G/MCH

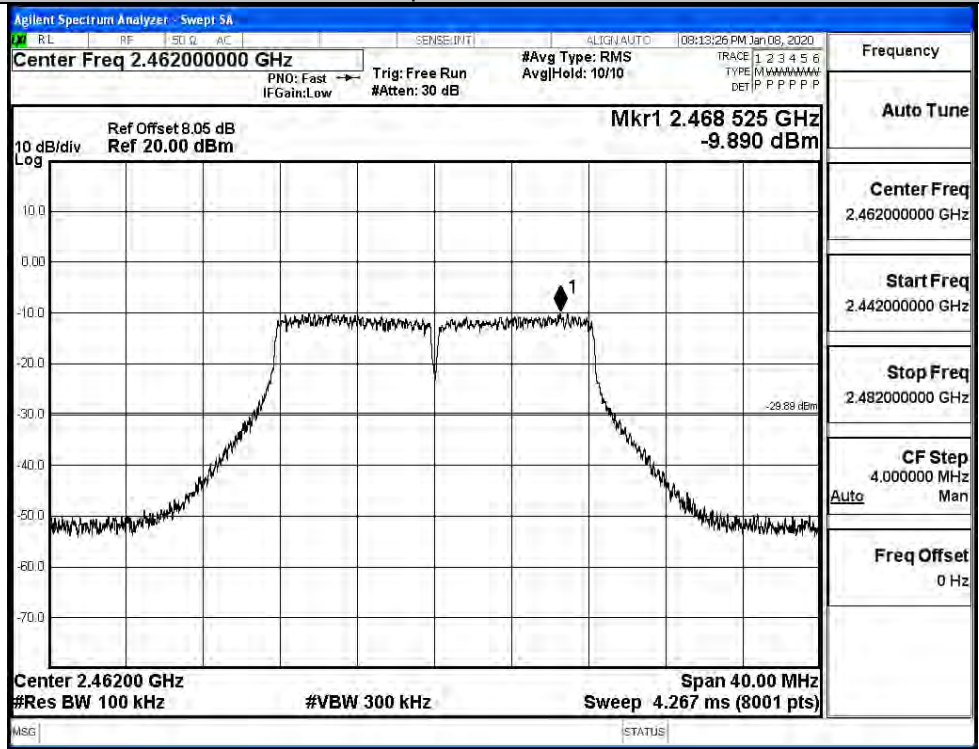


Puw/11G/MCH

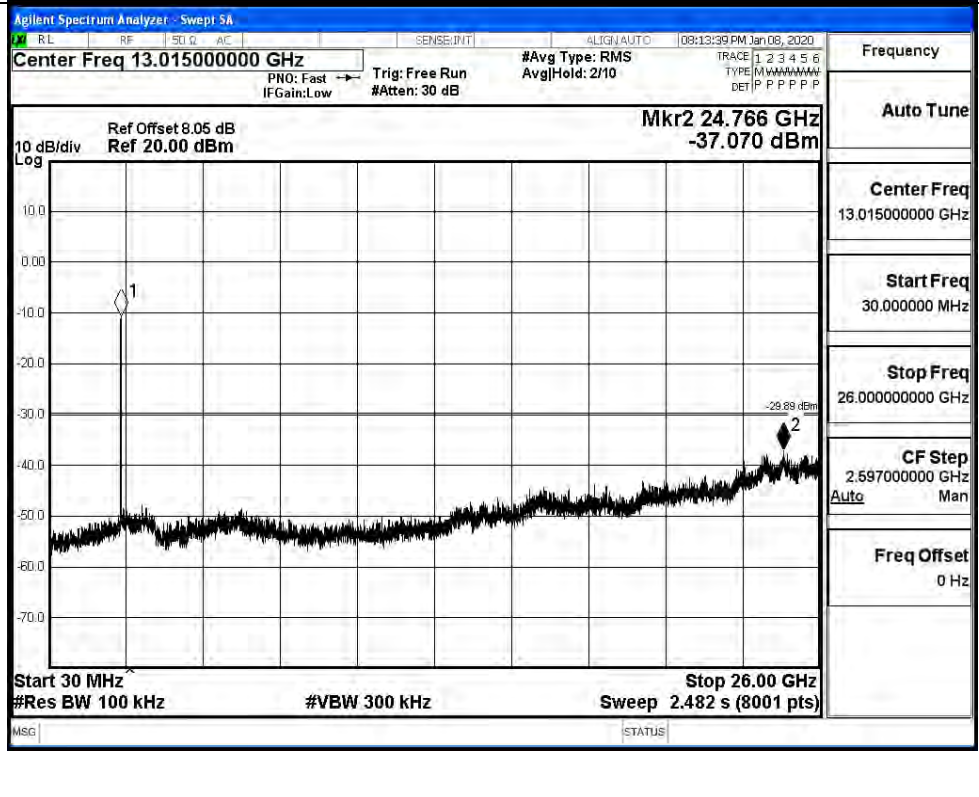


11G\_HCH\_Graphs\_Ant\_0

Pref/11G/HCH

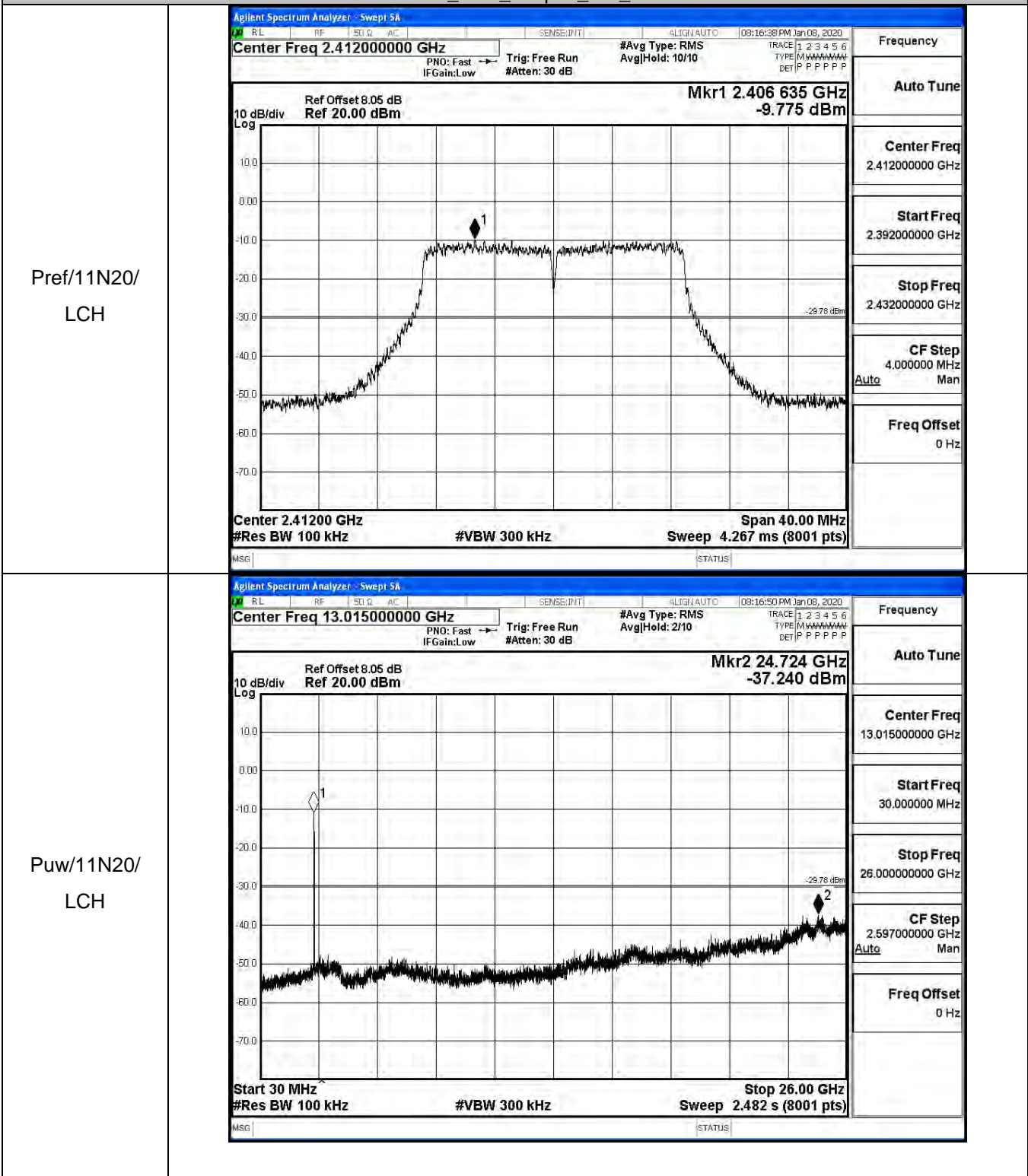


Puw/11G/HCH



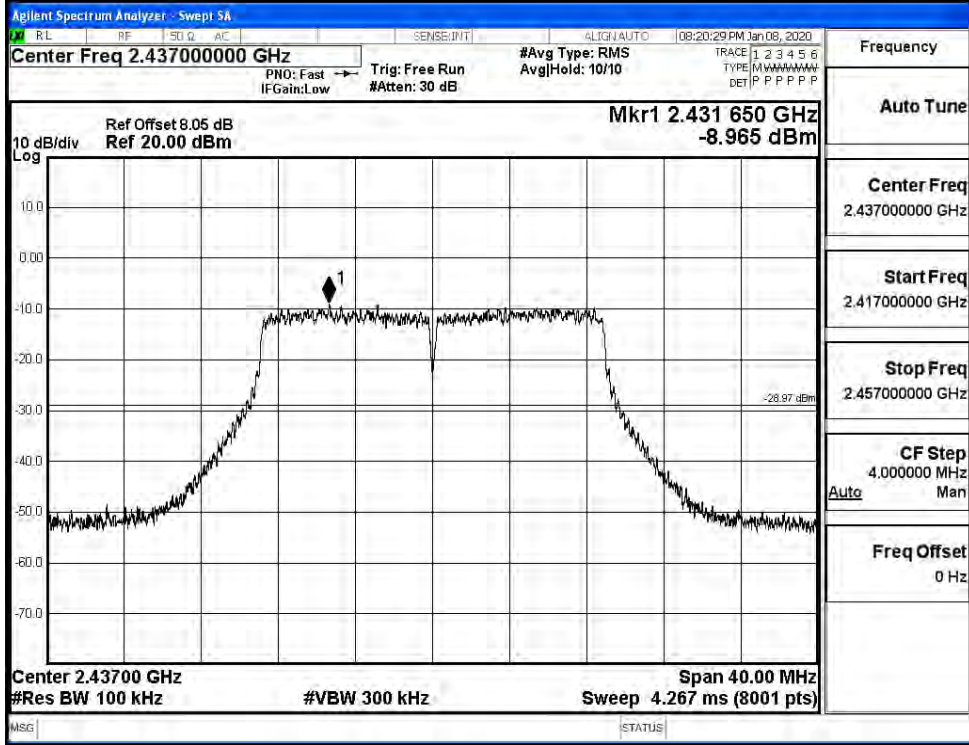


11N20\_LCH\_Graphs\_Ant\_0

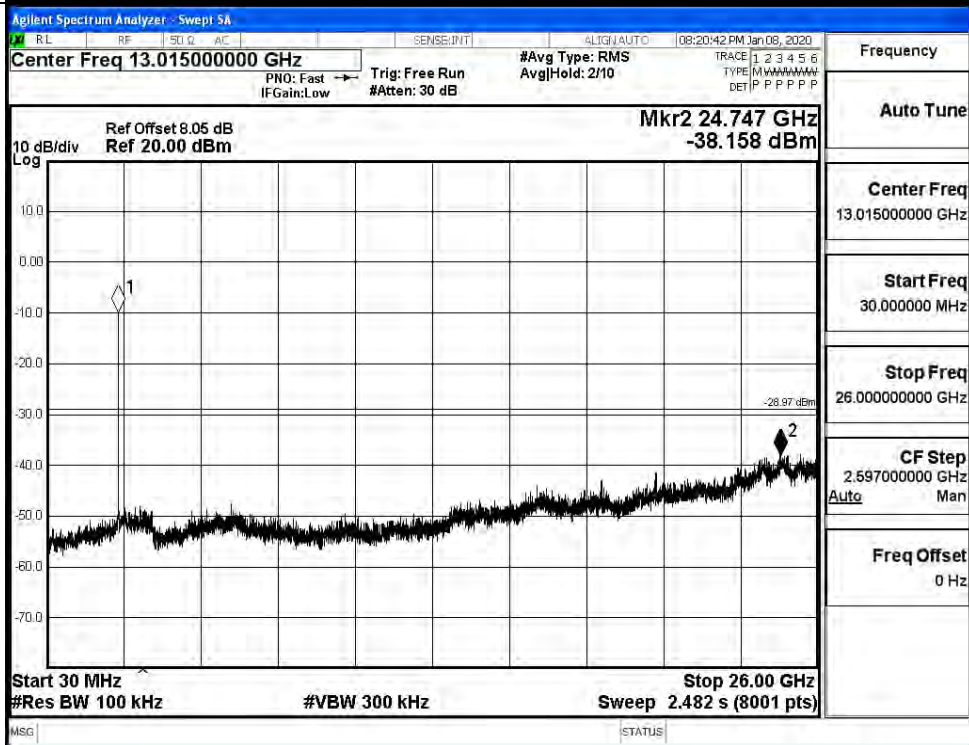


11N20\_MCH\_Graphs\_Ant\_0

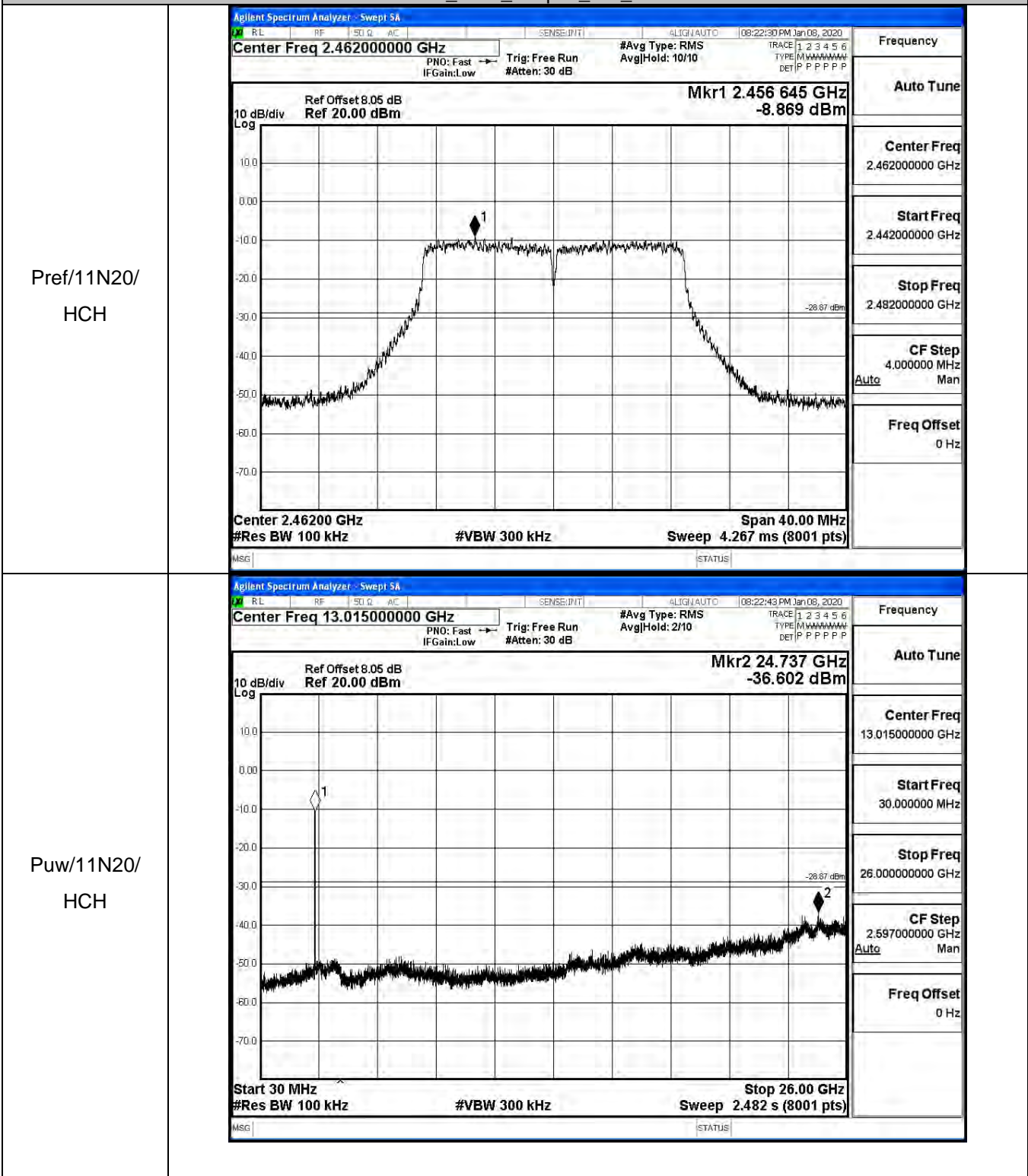
Pref/11N20/  
MCH



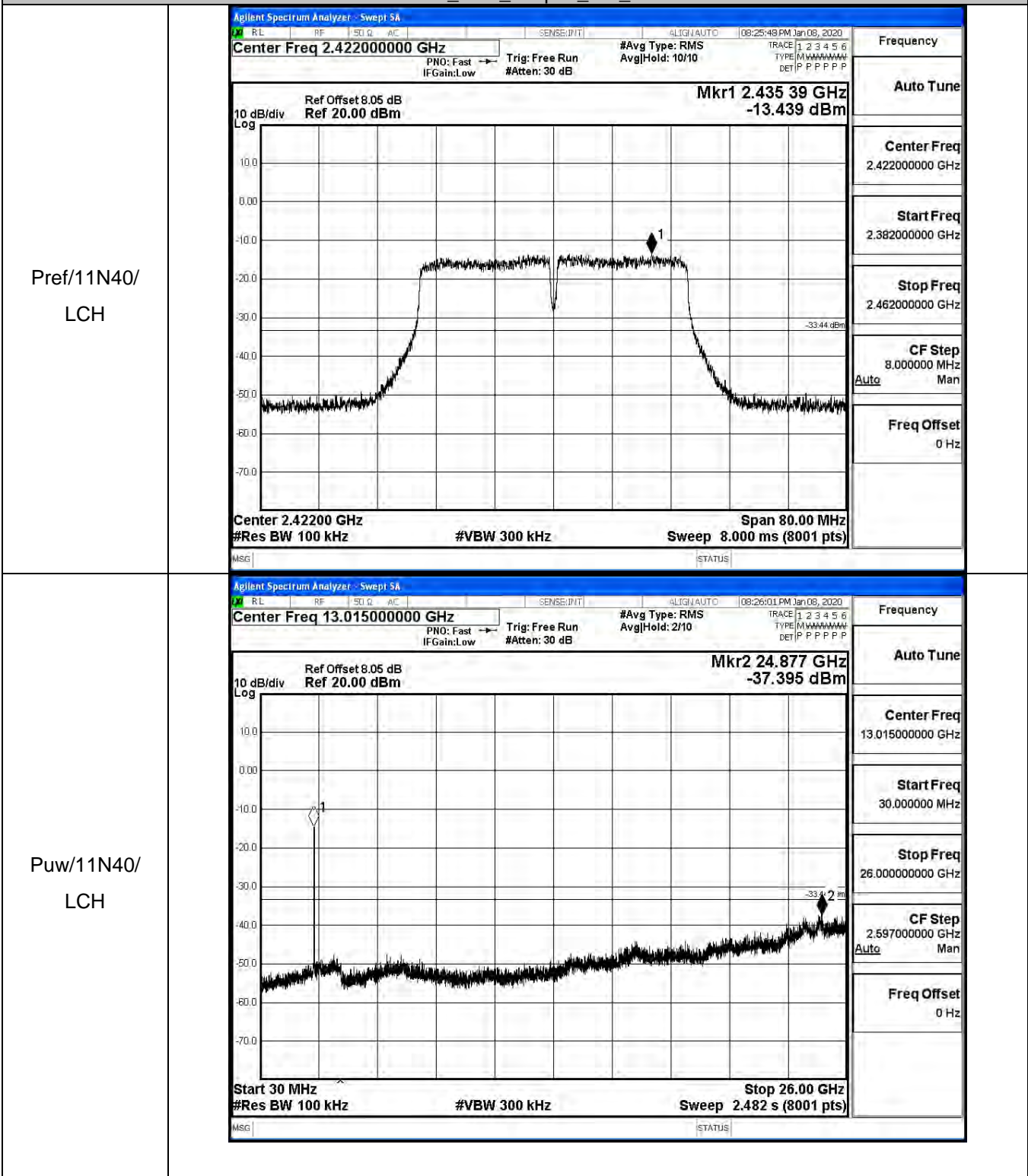
Puw/11N20/  
MCH



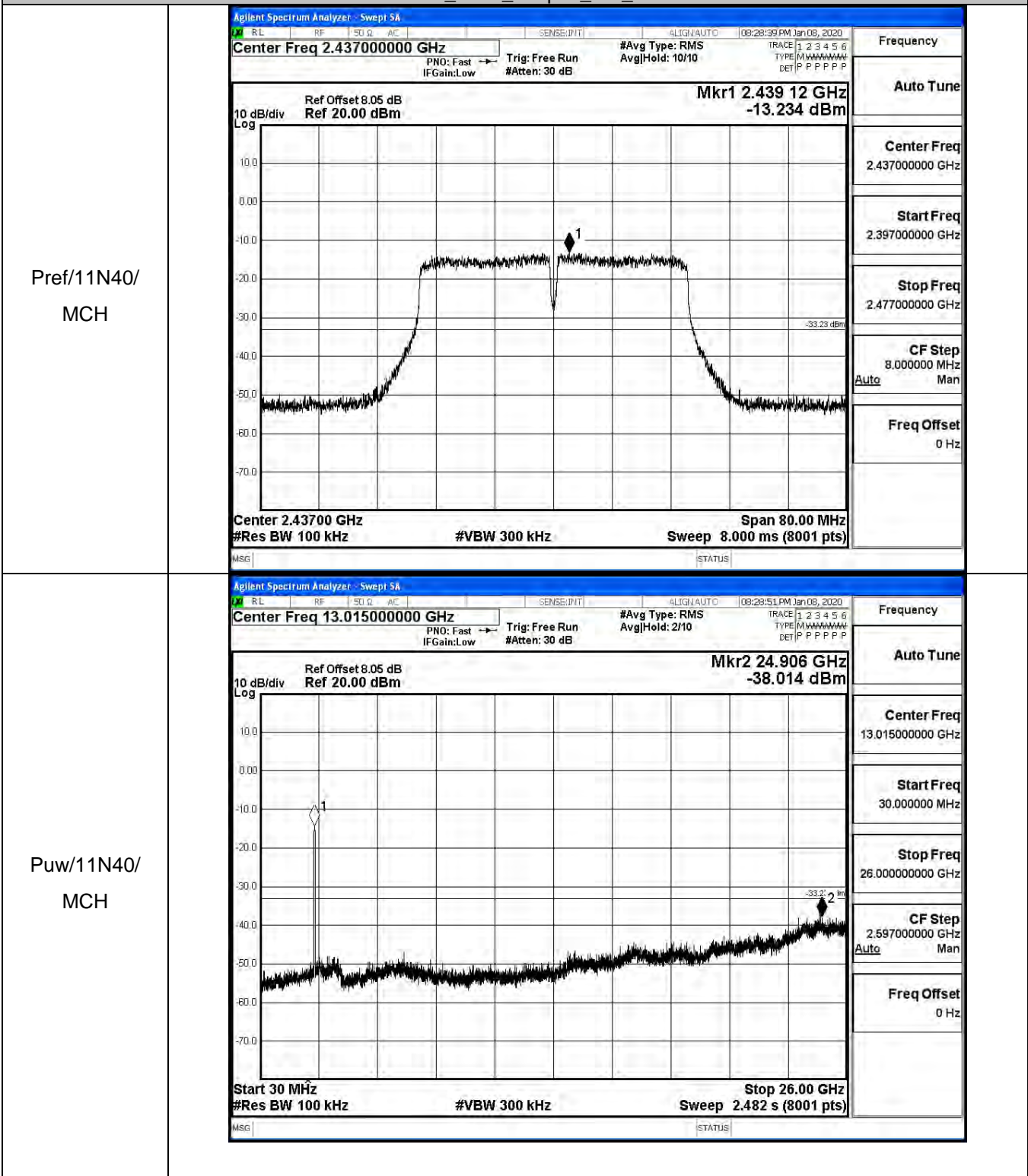
11N20\_HCH\_Graphs\_Ant\_0



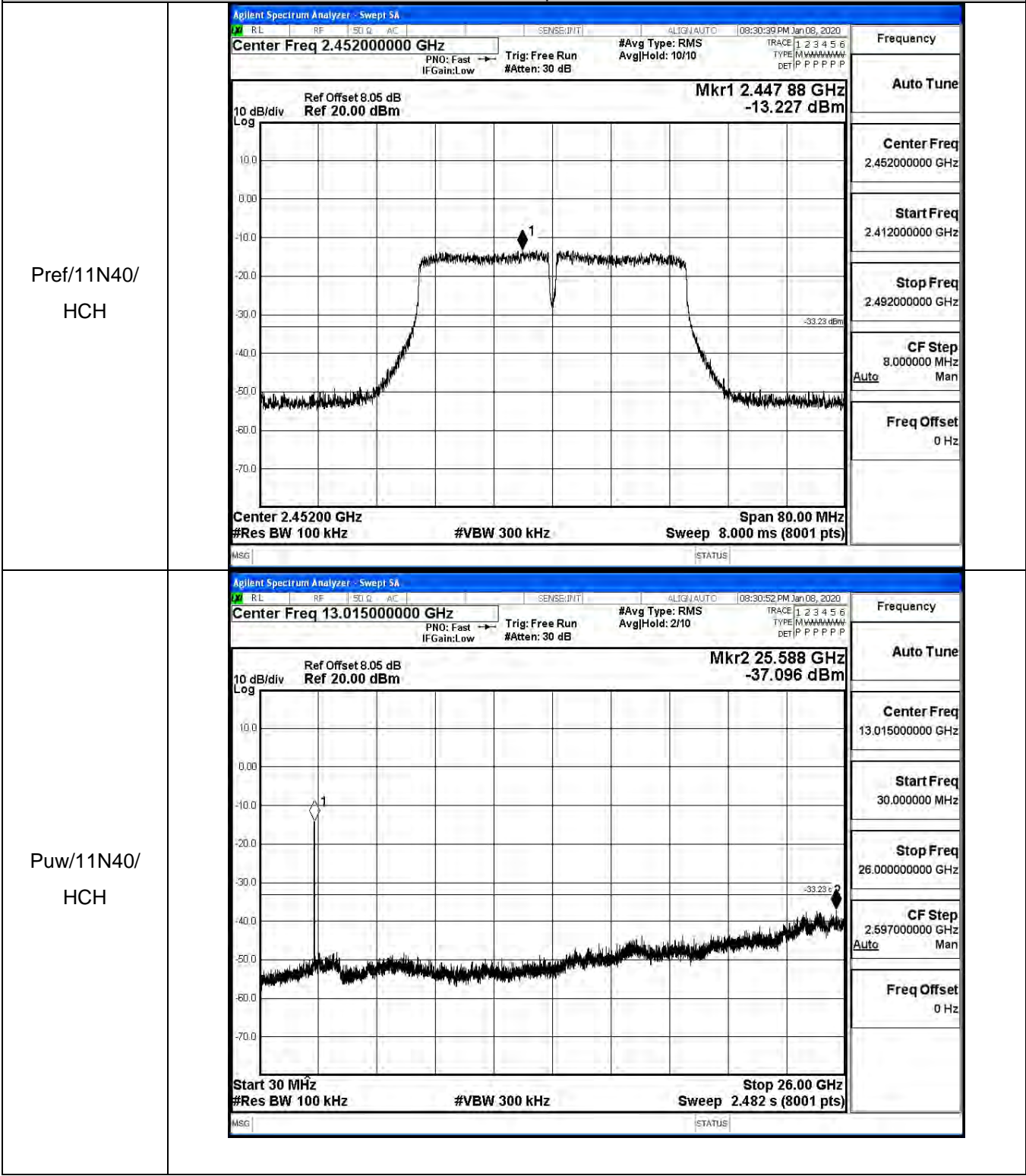
11N40\_LCH\_Graphs\_Ant\_0



11N40\_MCH\_Graphs\_Ant\_0



11N40\_HCH\_Graphs\_Ant\_0

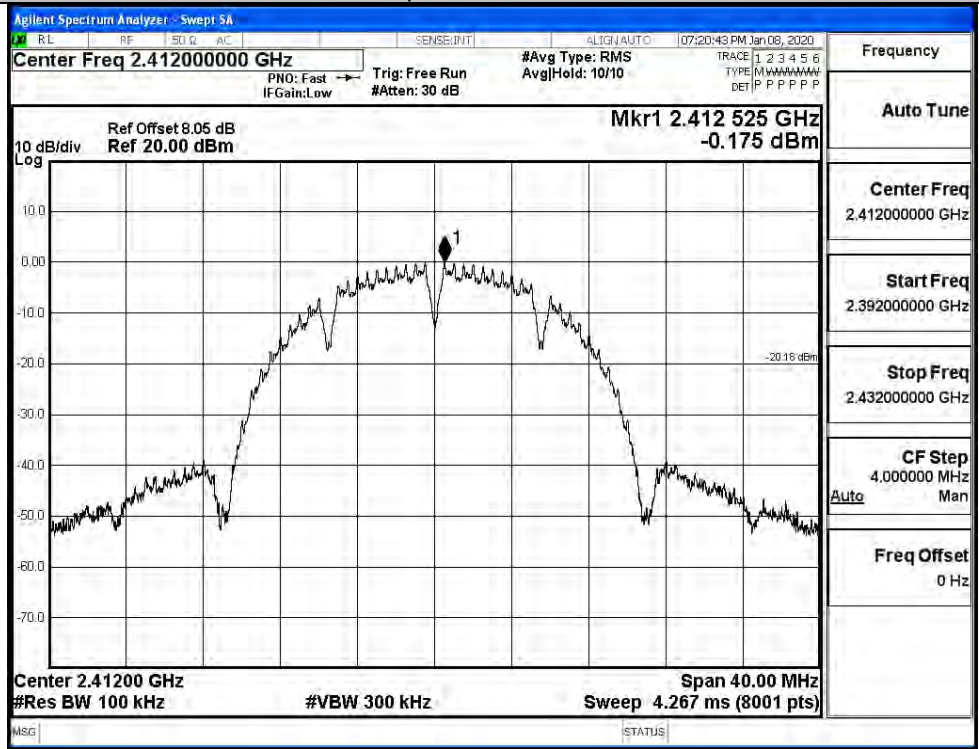


**Ant\_1**

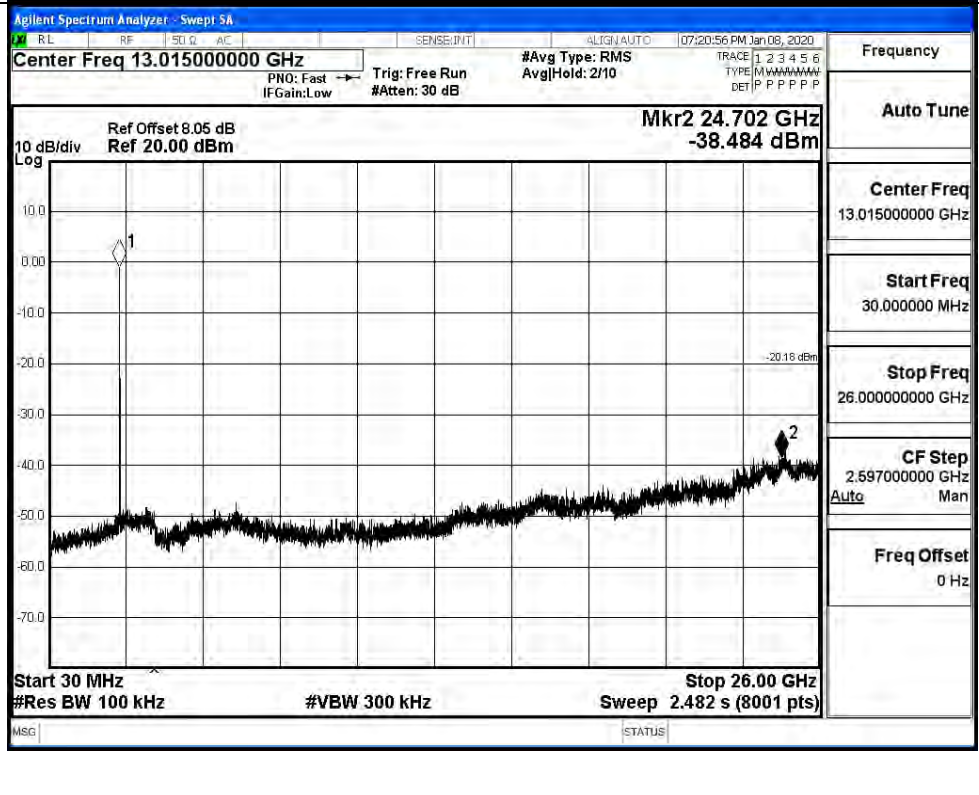
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.175	-38.484	-20.175	PASS
	MCH	-0.315	-37.808	-20.315	PASS
	HCH	-1.657	-37.925	-21.657	PASS
11G	LCH	-7.36	-37.784	-27.360	PASS
	MCH	-9.798	-37.022	-29.798	PASS
	HCH	-10.788	-37.252	-30.788	PASS
11N20	LCH	-9.556	-37.639	-29.556	PASS
	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



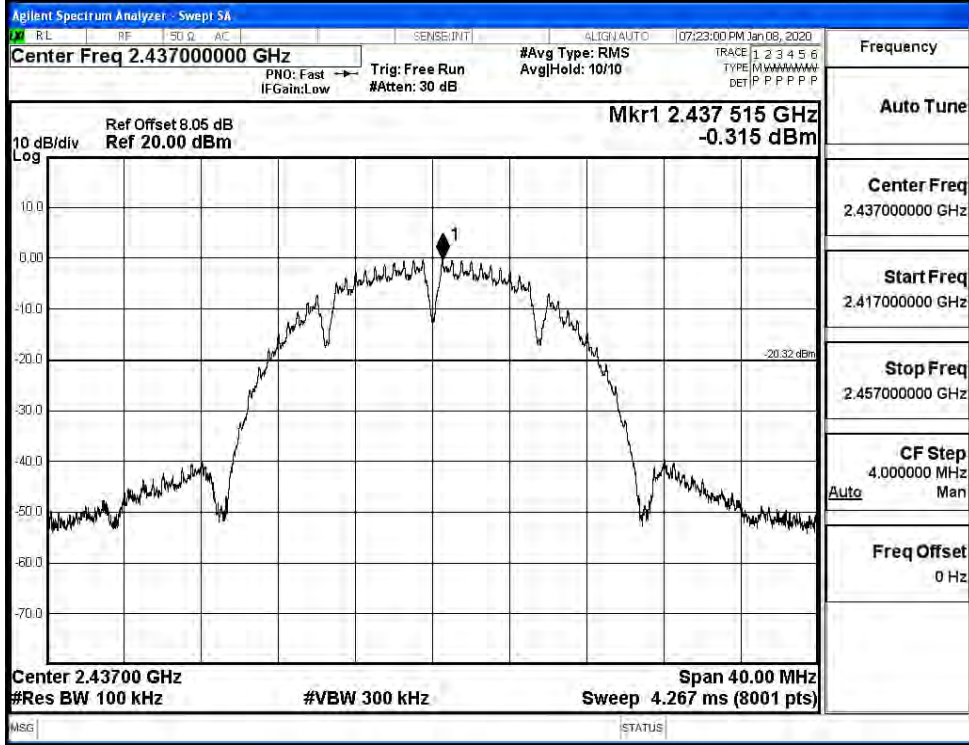
Puw/11B/LCH



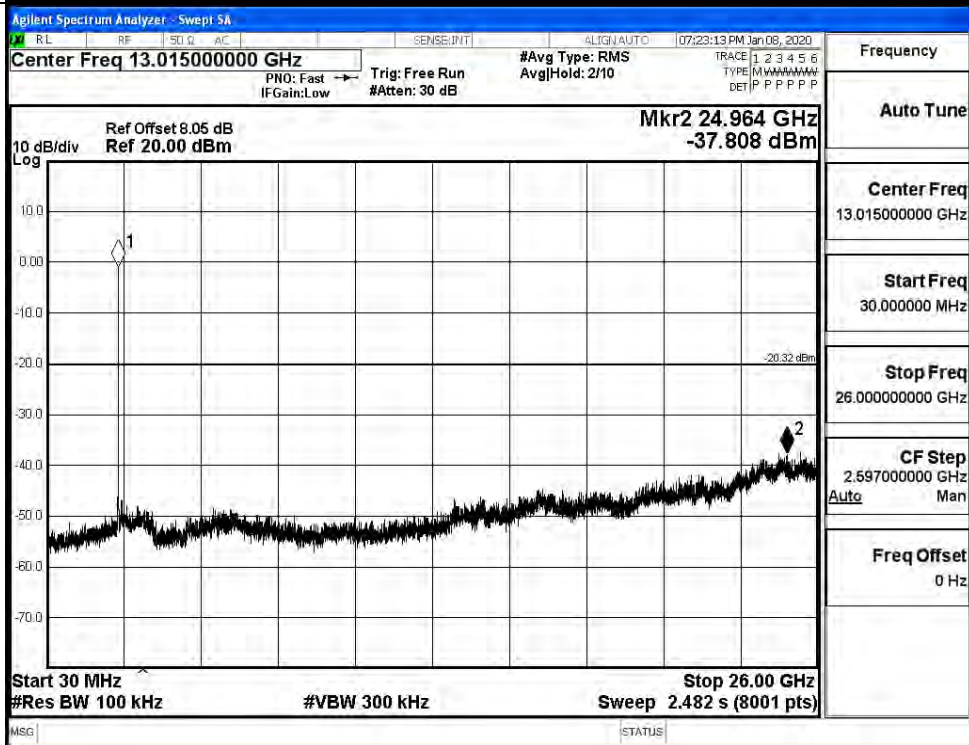


11B\_MCH\_Graphs\_Ant\_1

Pref/11B/MCH

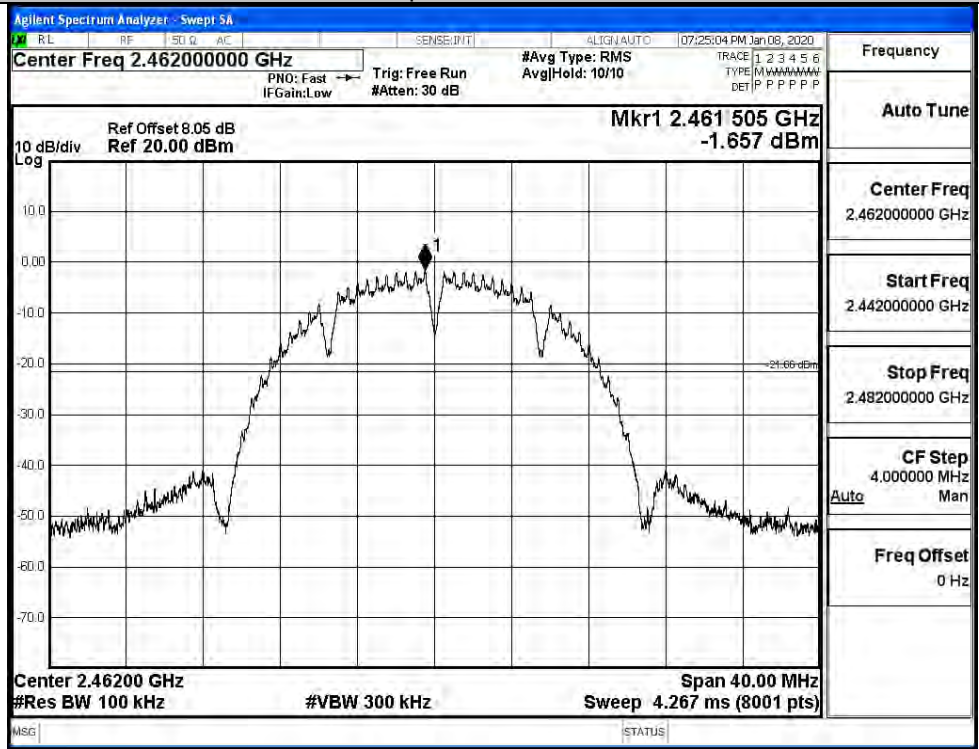


Puw/11B/MCH

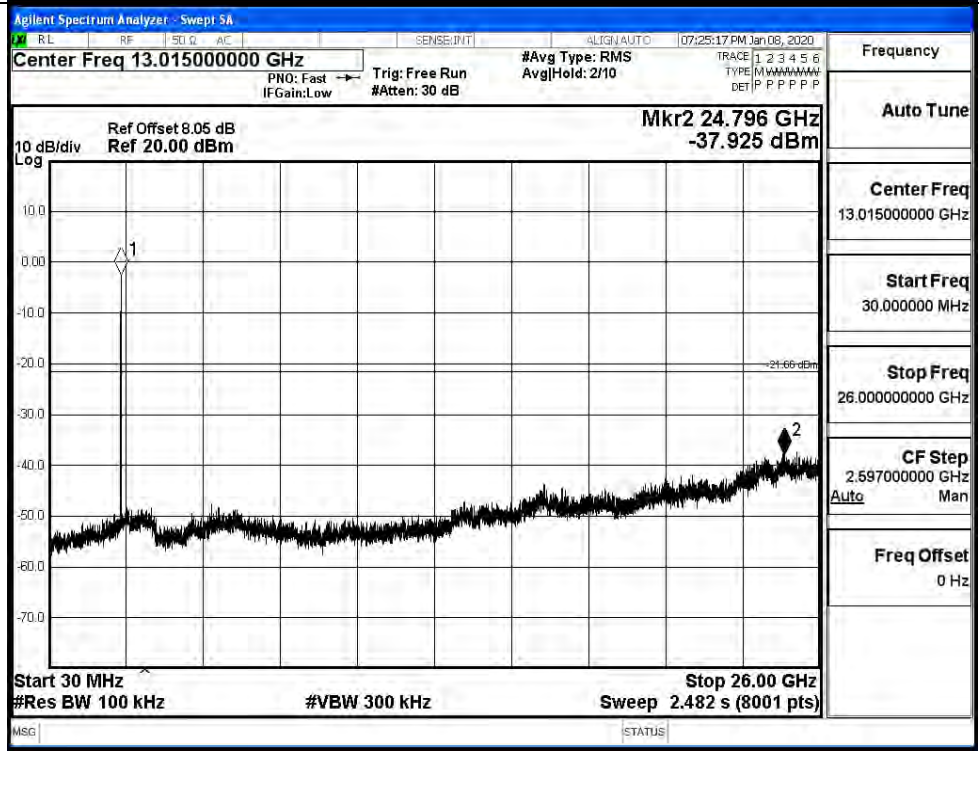


11B\_HCH\_Graphs\_Ant\_1

Pref/11B/HCH

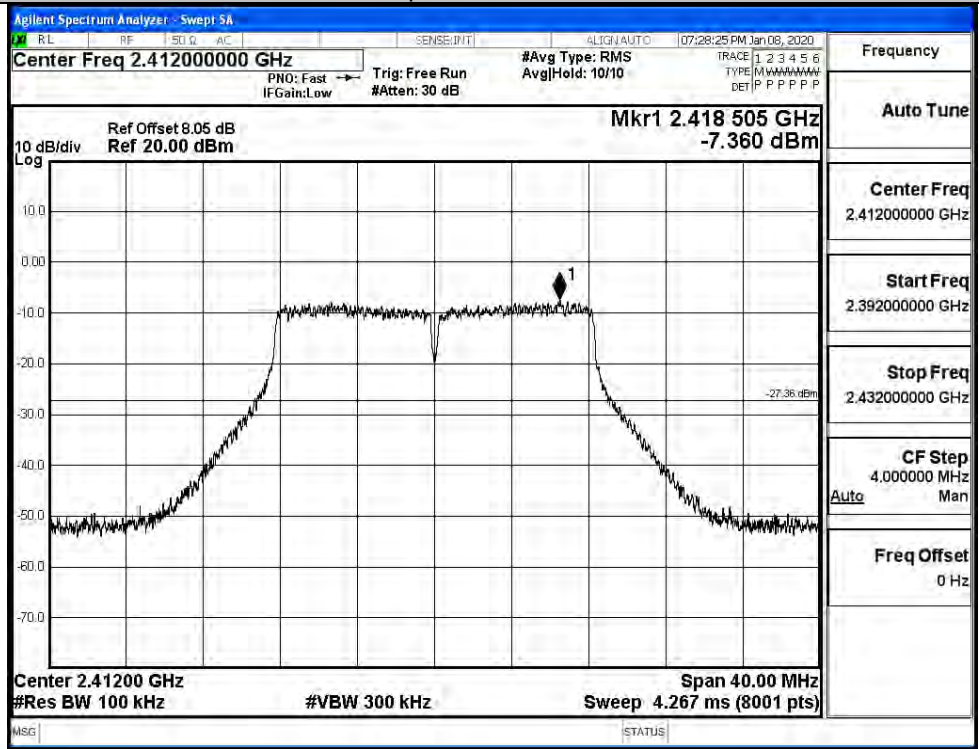


Puw/11B/HCH

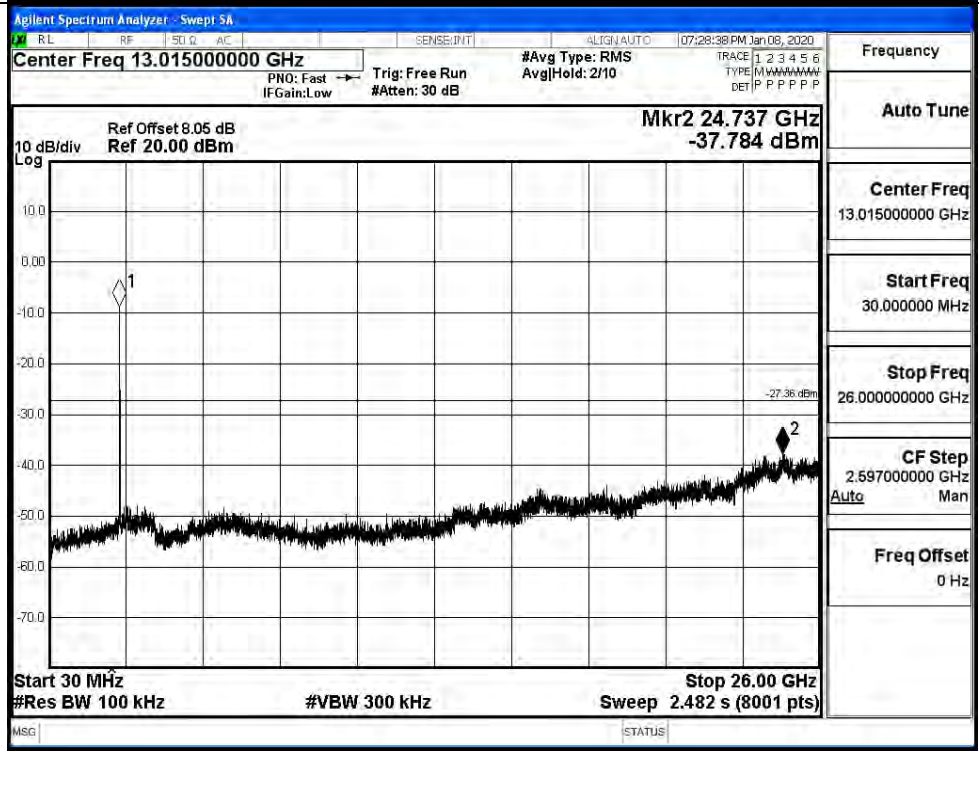


11G\_LCH\_Graphs\_Ant\_1

Pref/11G/LCH

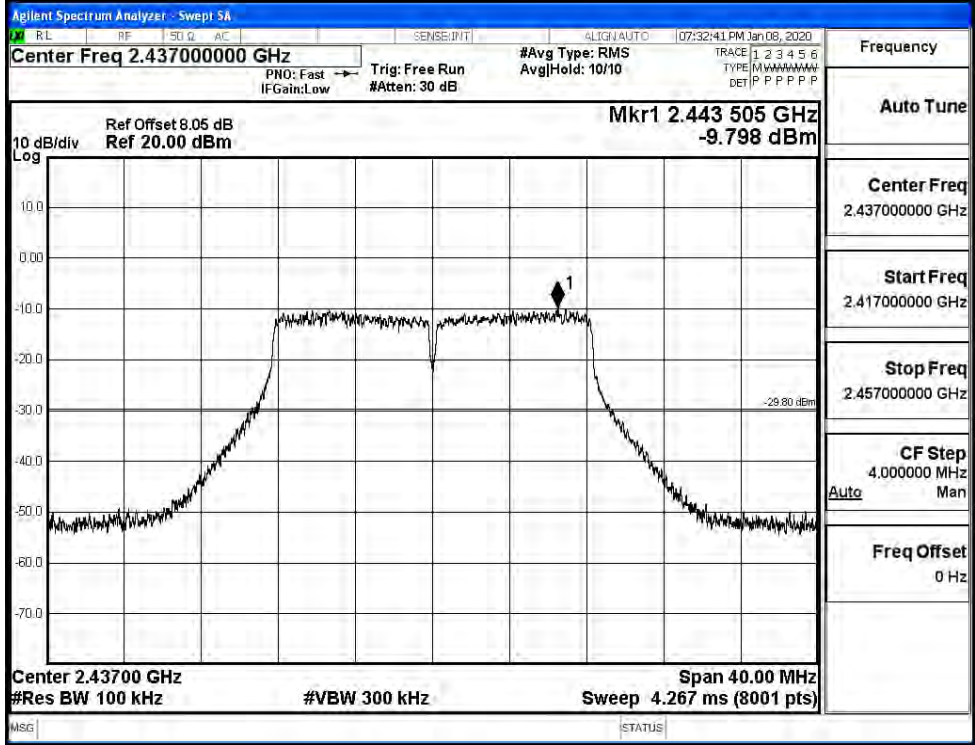


Puw/11G/LCH



11G\_MCH\_Graphs\_Ant\_1

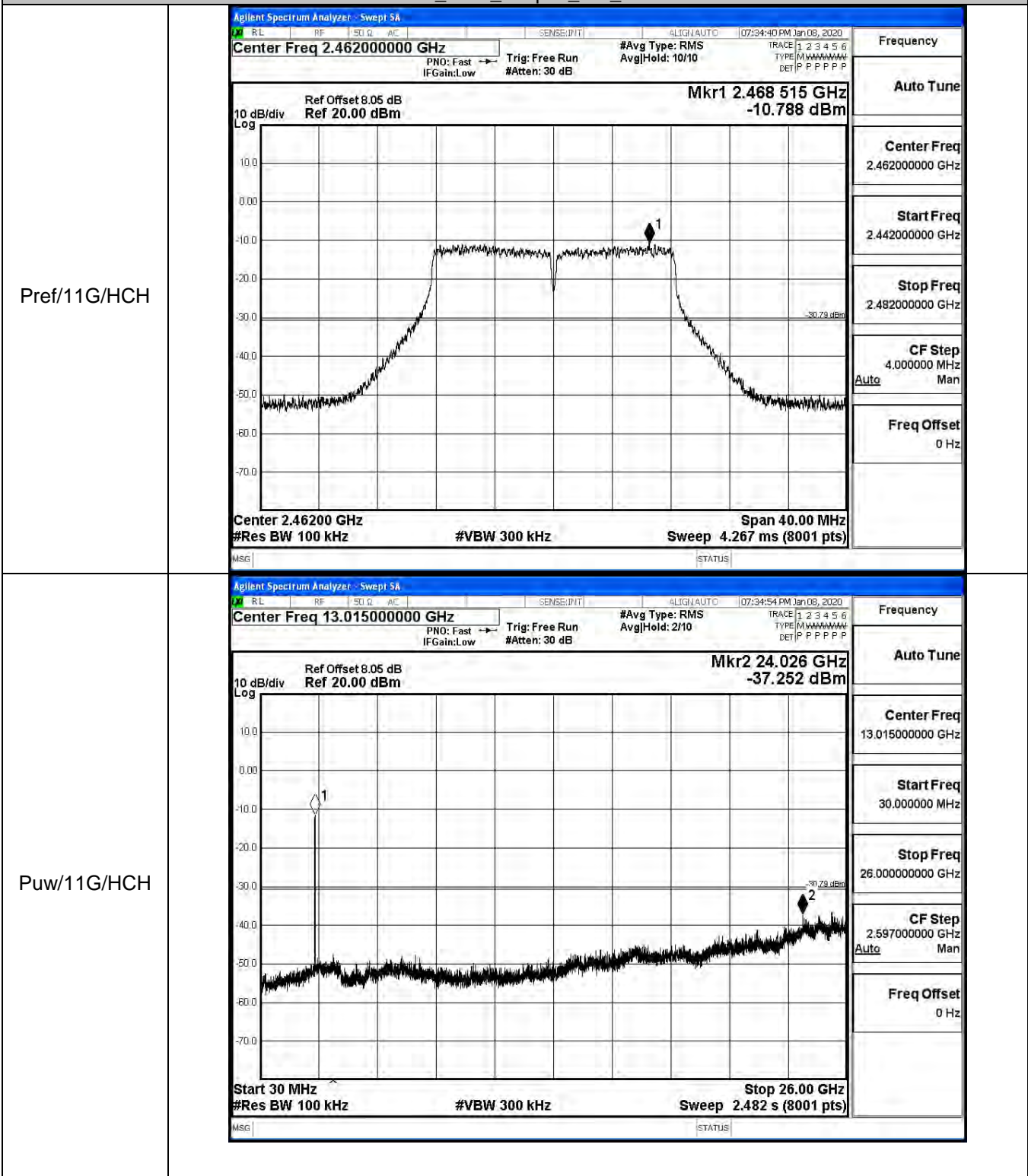
Pref/11G/MCH



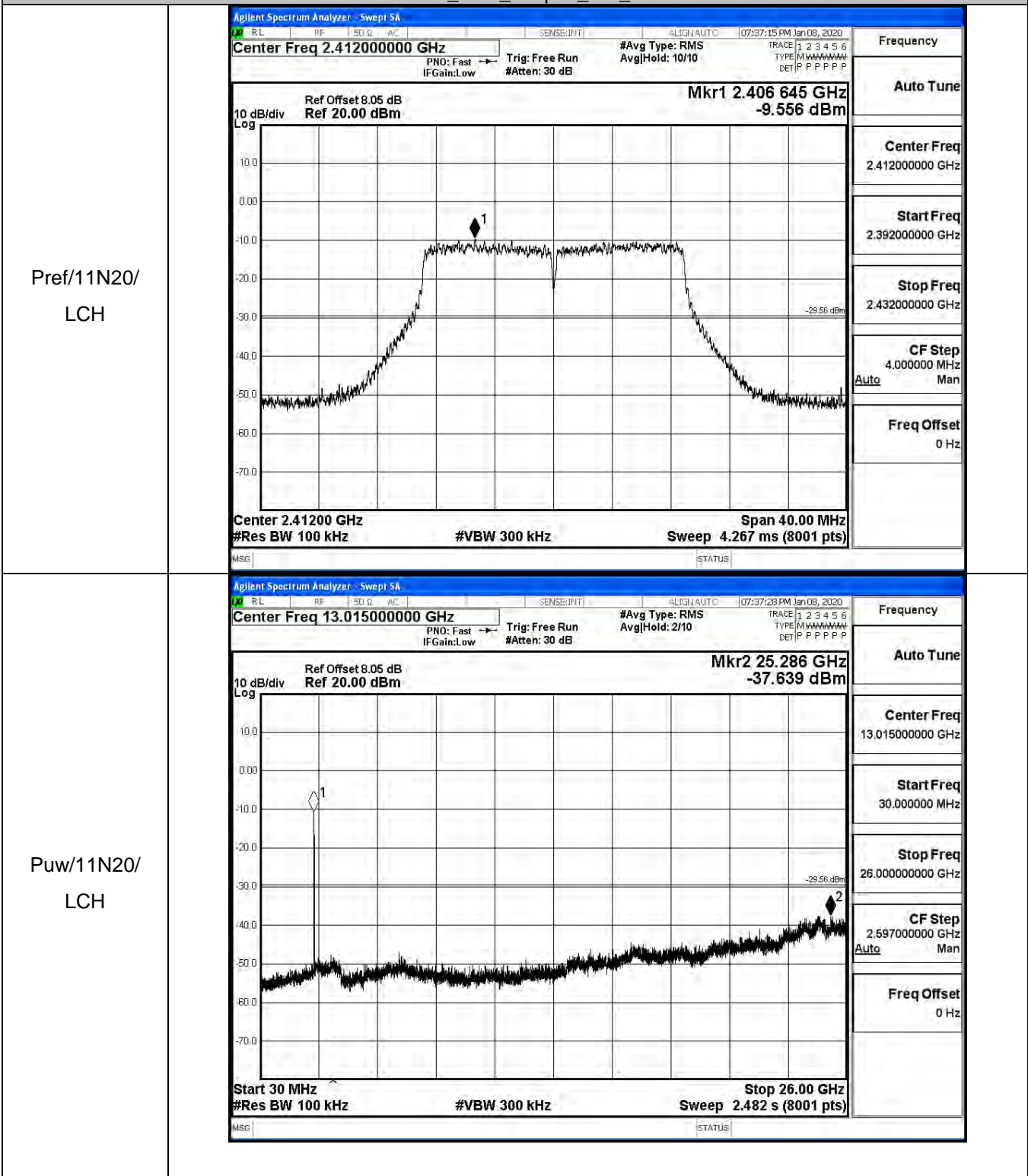
Puw/11G/MCH



11G\_HCH\_Graphs\_Ant\_1

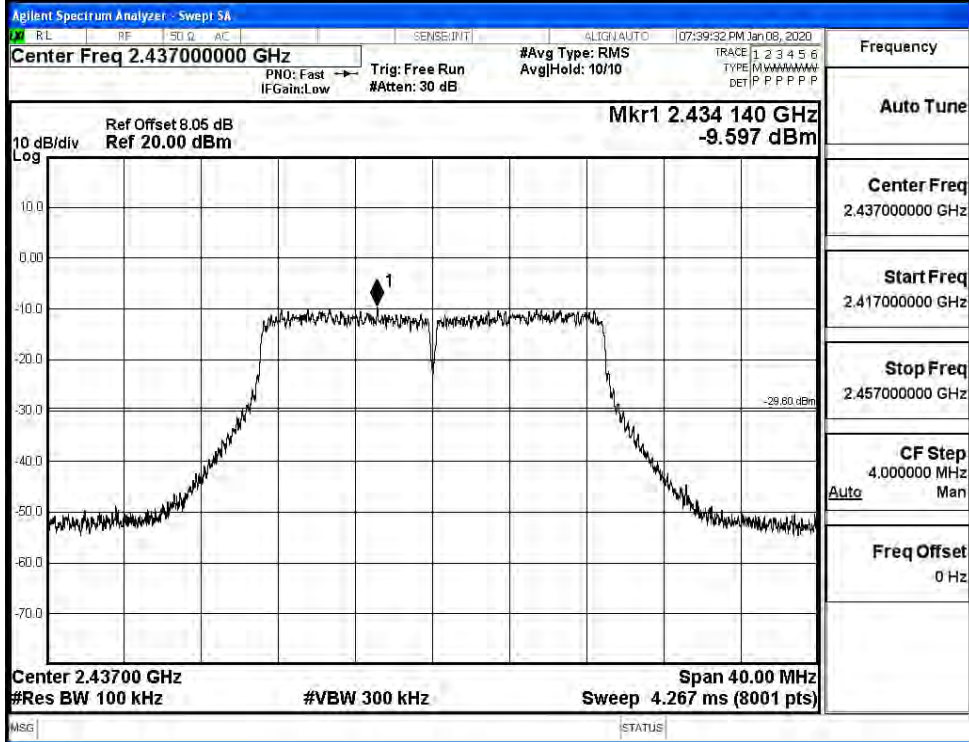


11N20\_LCH\_Graphs\_Ant\_1

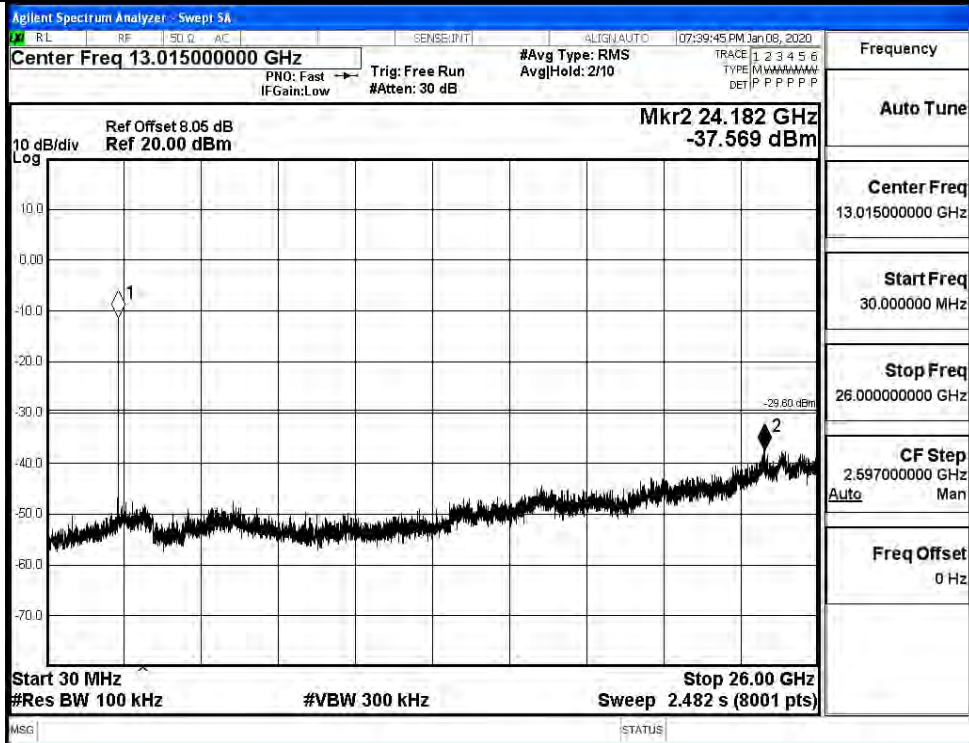


11N20\_MCH\_Graphs\_Ant\_1

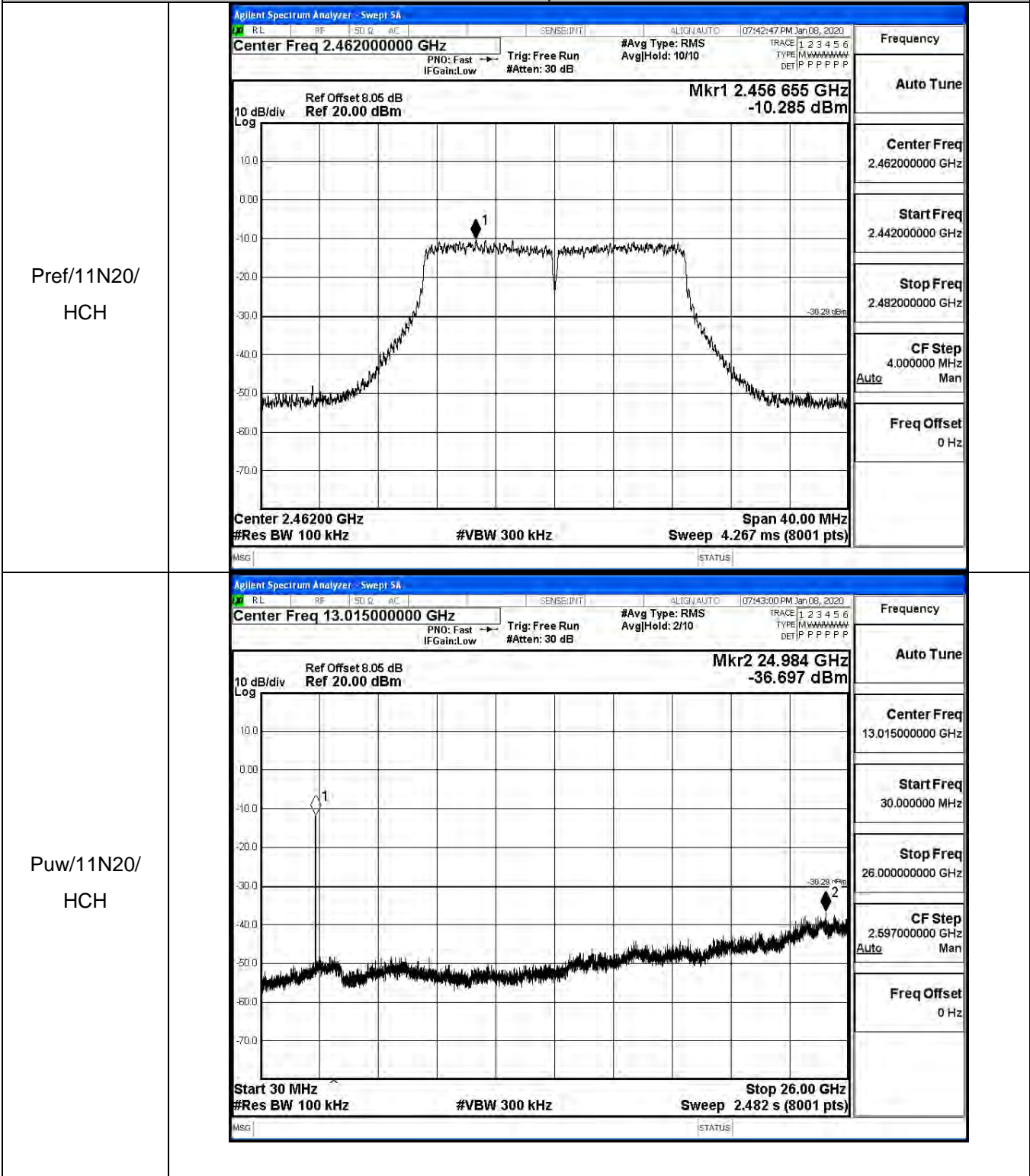
Pref/11N20/  
MCH



Puw/11N20/  
MCH

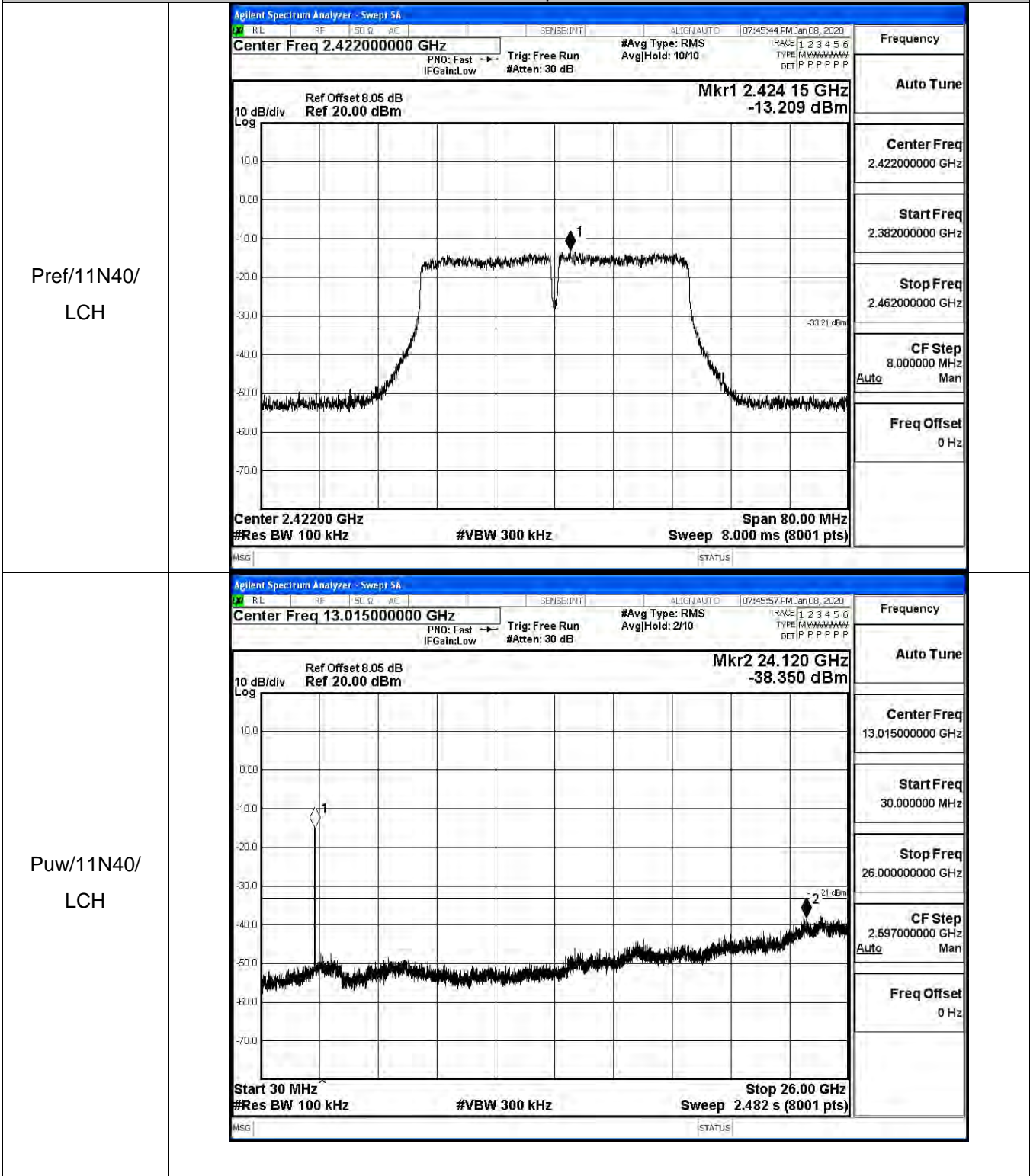


11N20\_HCH\_Graphs\_Ant\_1



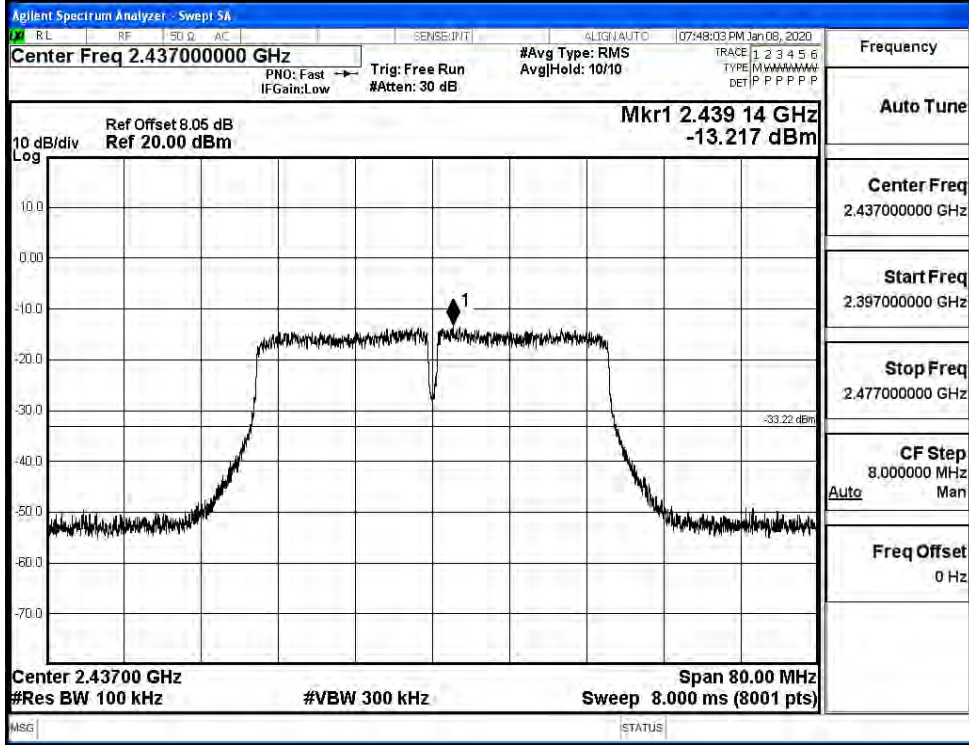


11N40\_LCH\_Graphs\_Ant\_1

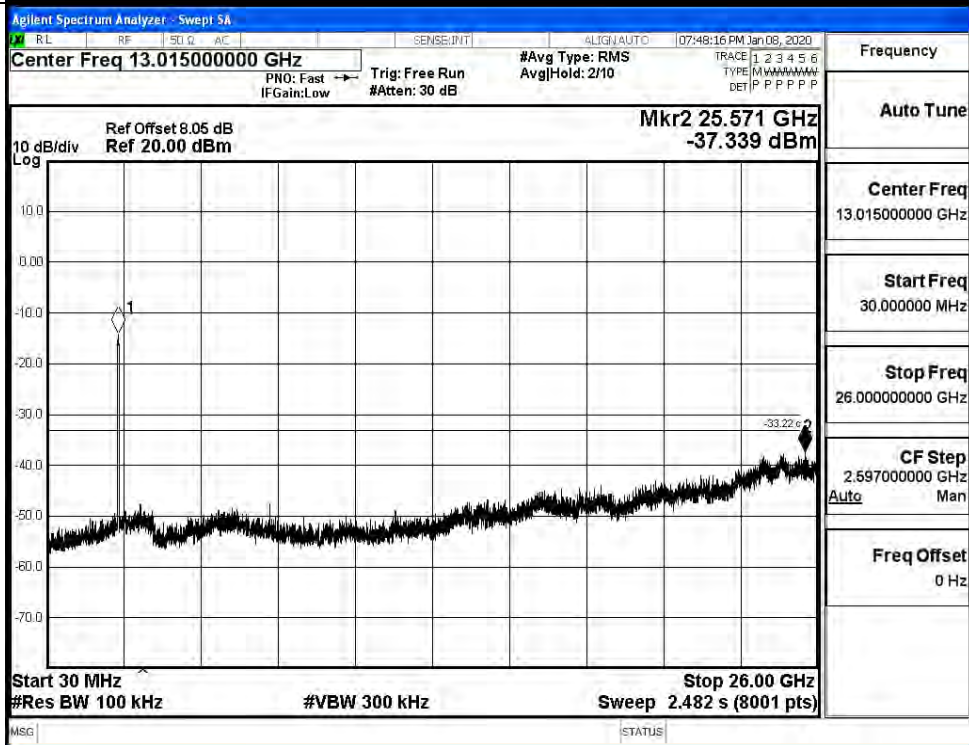


11N40\_MCH\_Graphs\_Ant\_1

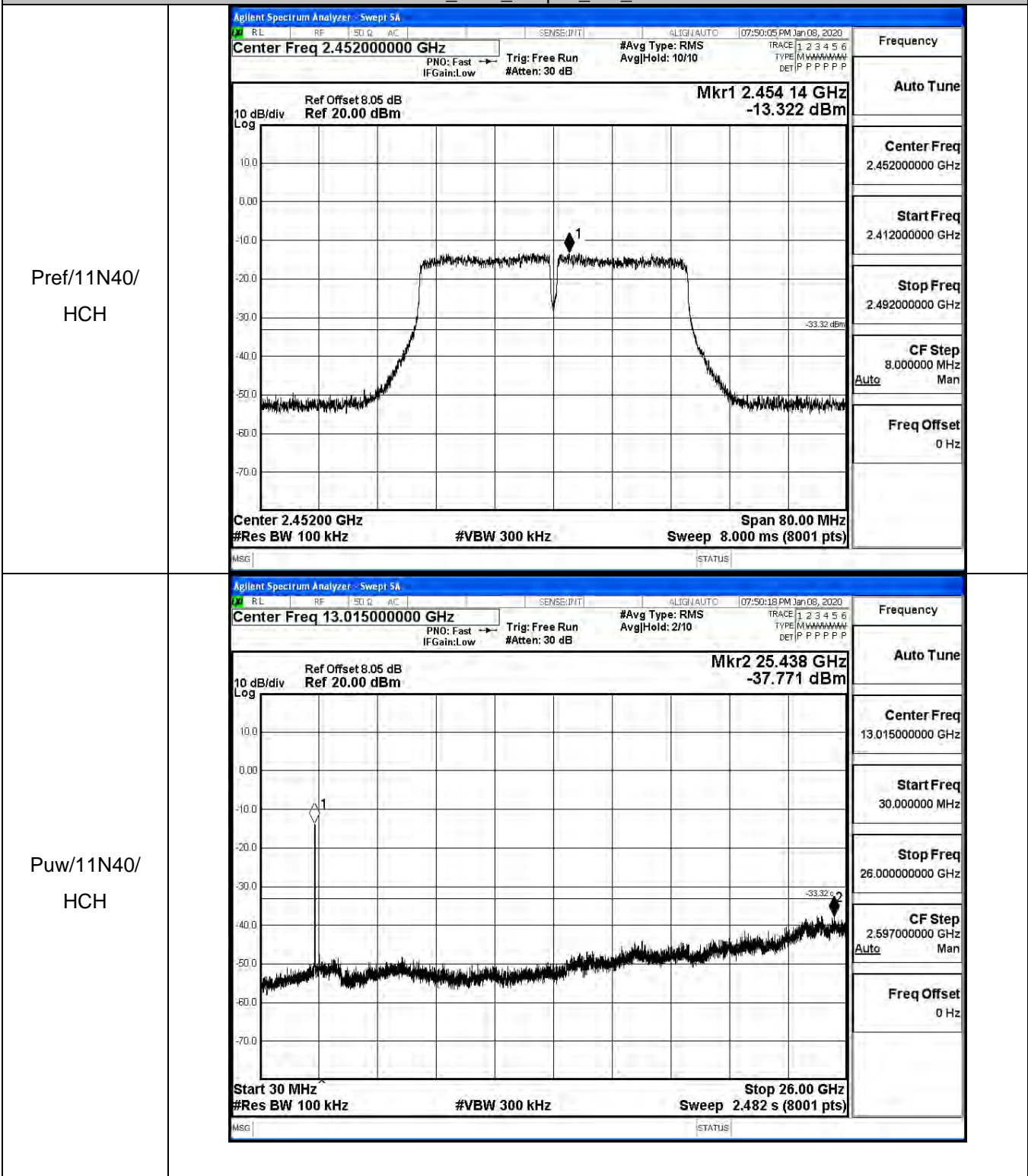
Pref/11N40/  
MCH



Puw/11N40/  
MCH



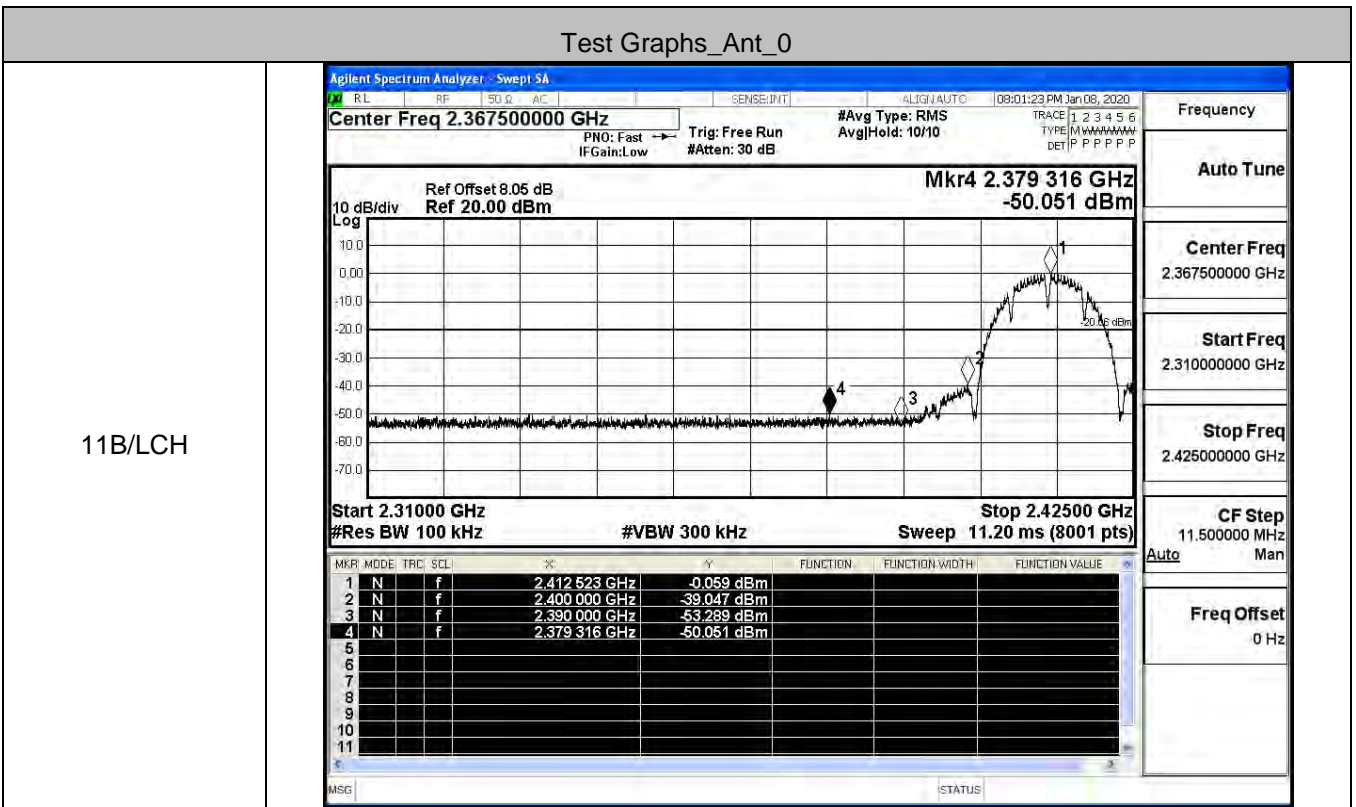
11N40\_HCH\_Graphs\_Ant\_1



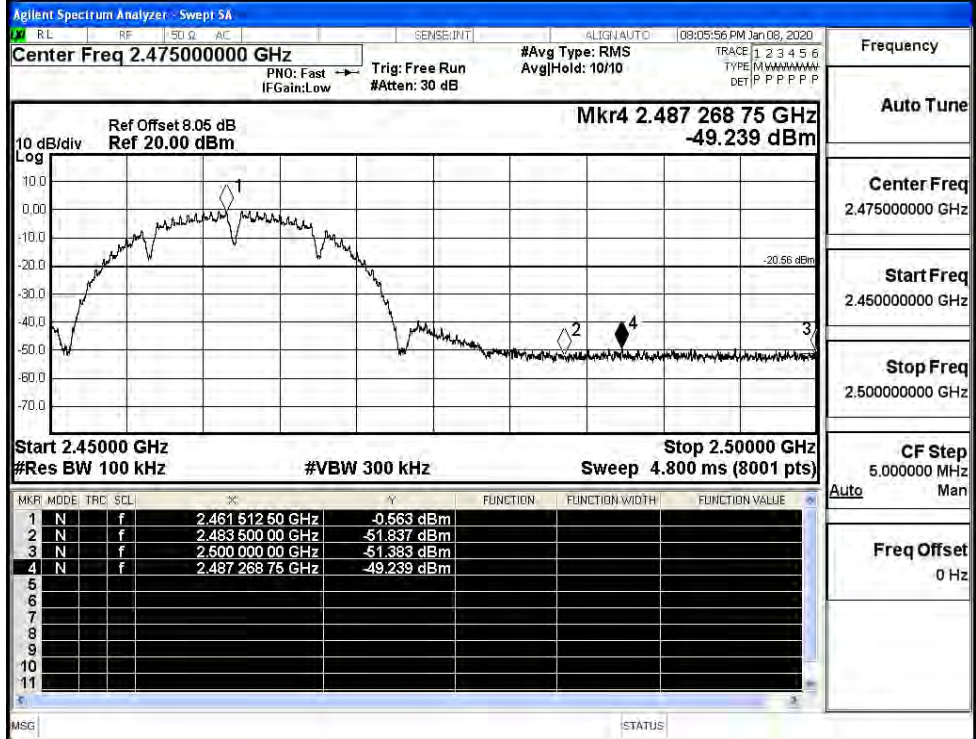
### A.6 Band-edge for RF Conducted Emissions

#### Ant\_0

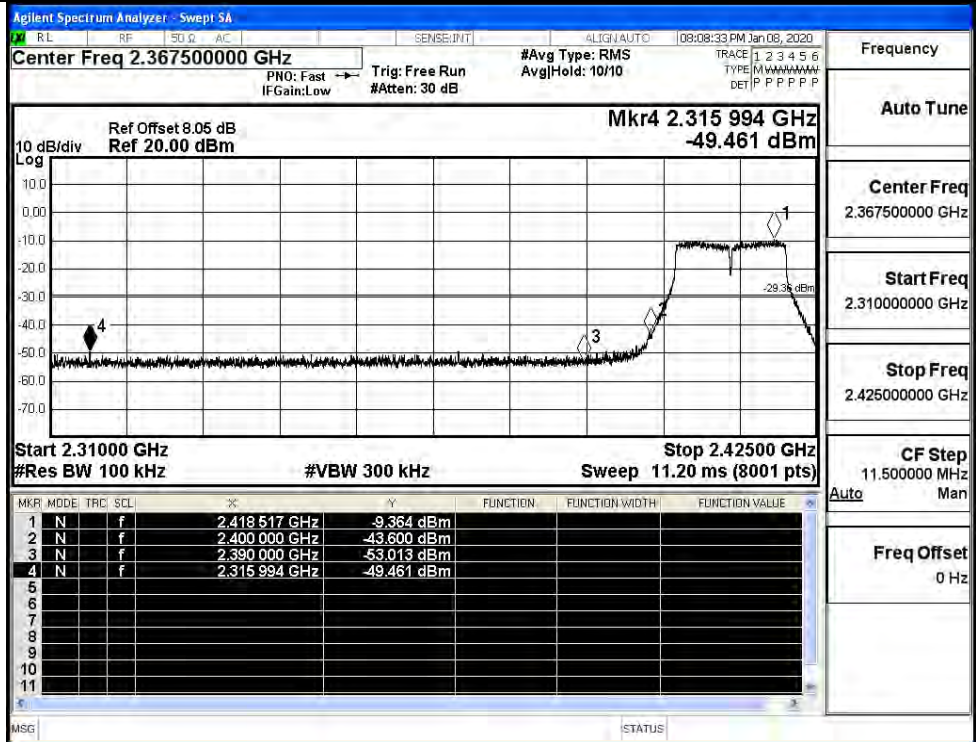
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.059	-50.051	-20.06	PASS
	HCH	-0.563	-49.239	-20.56	PASS
11G	LCH	-9.364	-49.461	-29.36	PASS
	HCH	-9.755	-48.932	-29.76	PASS
11N20	LCH	-9.566	-49.477	-29.57	PASS
	HCH	-8.809	-49.377	-28.81	PASS
11N40	LCH	-13.244	-49.789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



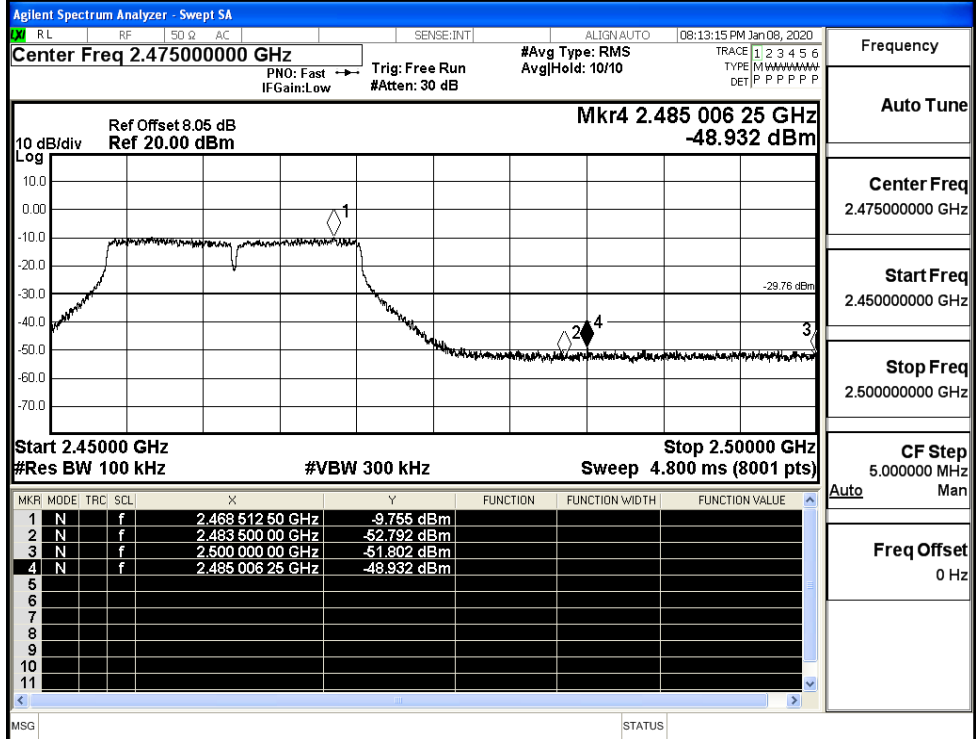
11B/HCH



11G/LCH

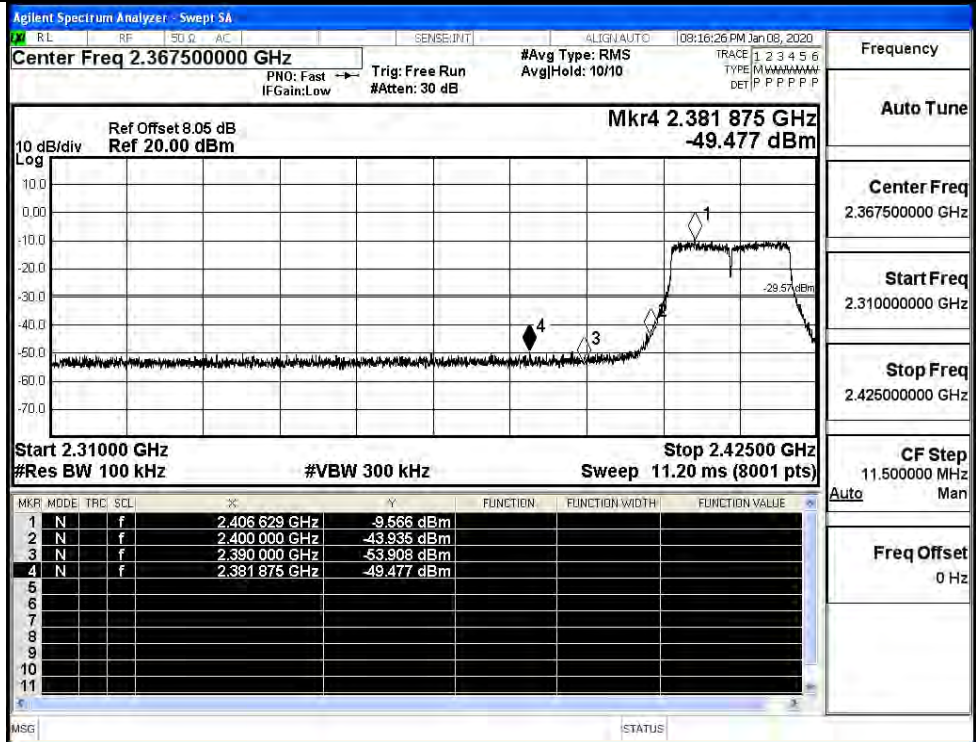


11G/HCH



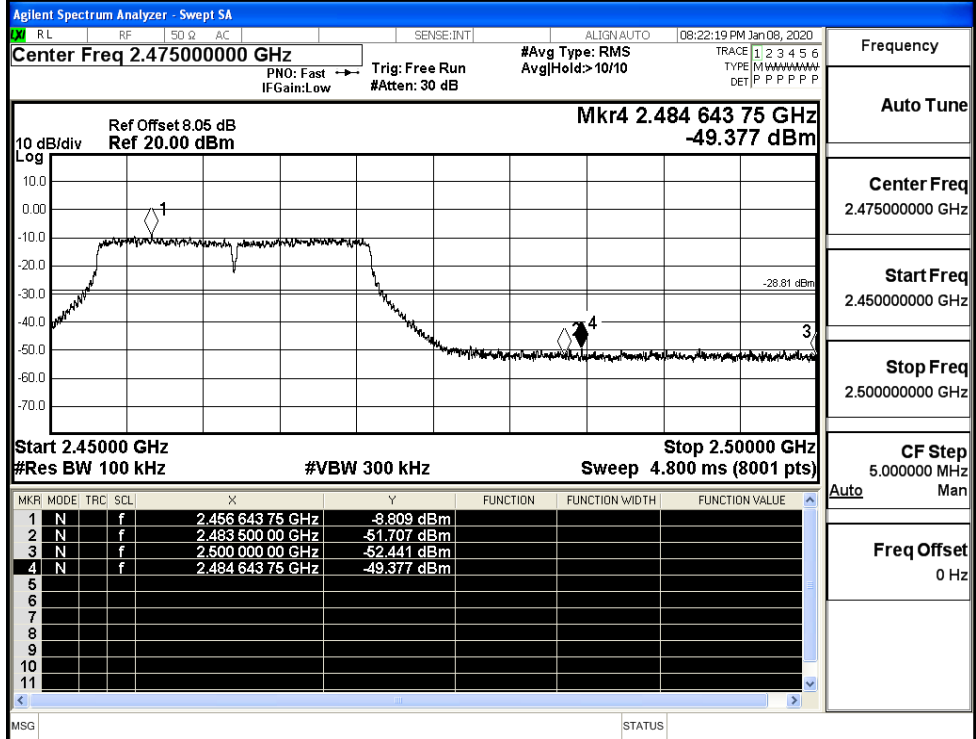
Frequency	
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N20/LCH



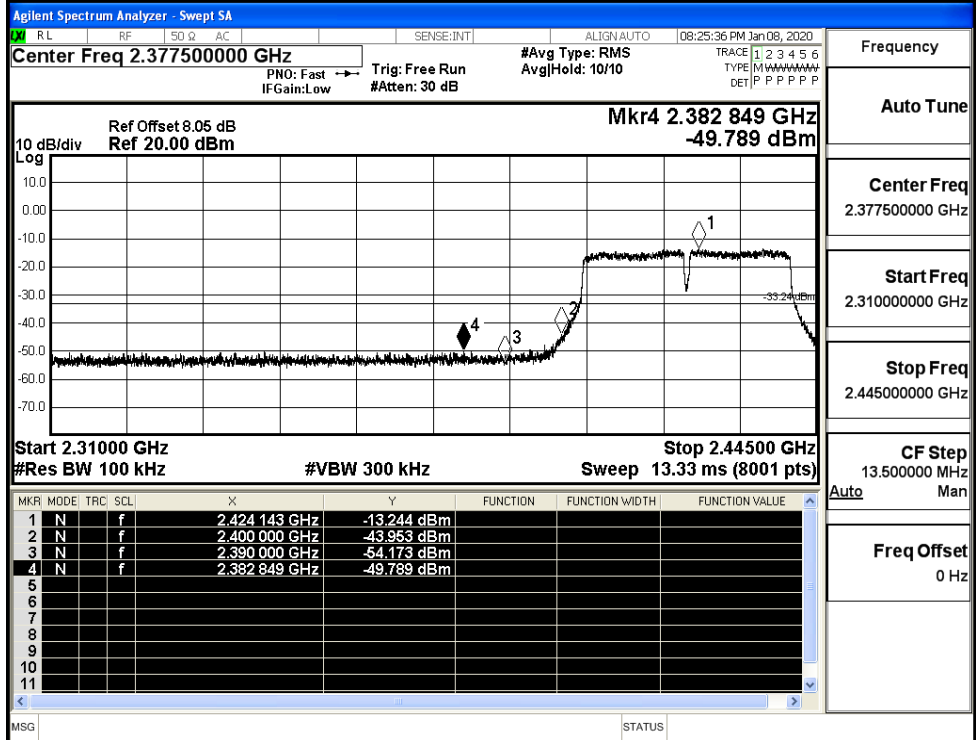
Frequency	
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11N20/HCH



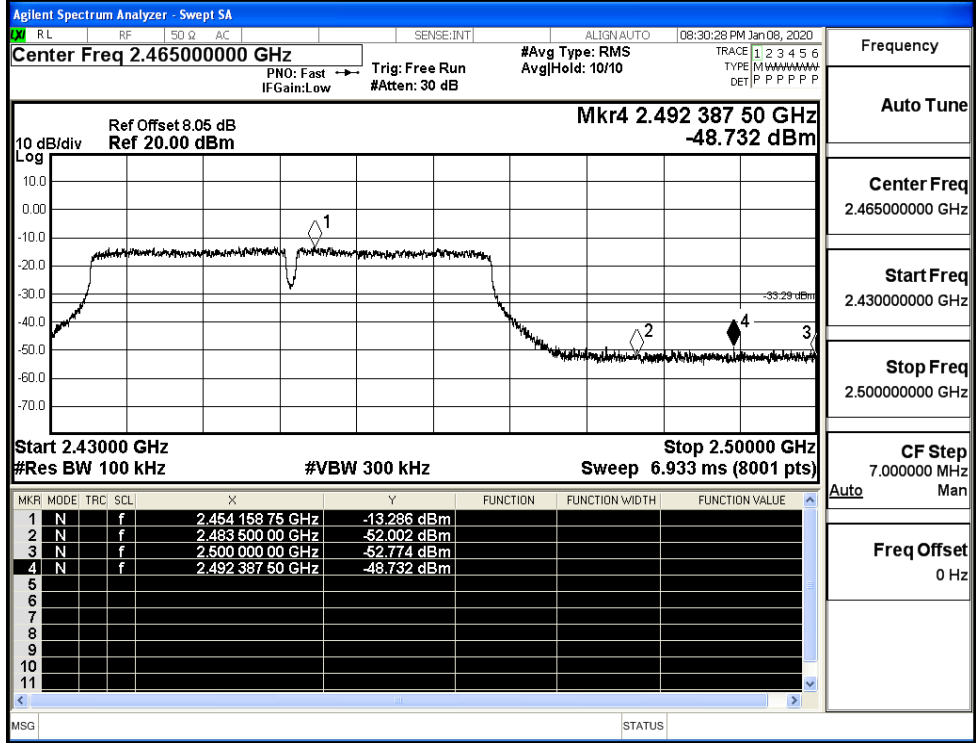
Frequency  
Auto Tune  
Center Freq  
2.475000000 GHz  
Start Freq  
2.450000000 GHz  
Stop Freq  
2.500000000 GHz  
CF Step  
5.000000 MHz  
Auto Man  
Freq Offset  
0 Hz

11N40/LCH



Frequency  
Auto Tune  
Center Freq  
2.377500000 GHz  
Start Freq  
2.310000000 GHz  
Stop Freq  
2.445000000 GHz  
CF Step  
13.500000 MHz  
Auto Man  
Freq Offset  
0 Hz

11N40/HCH

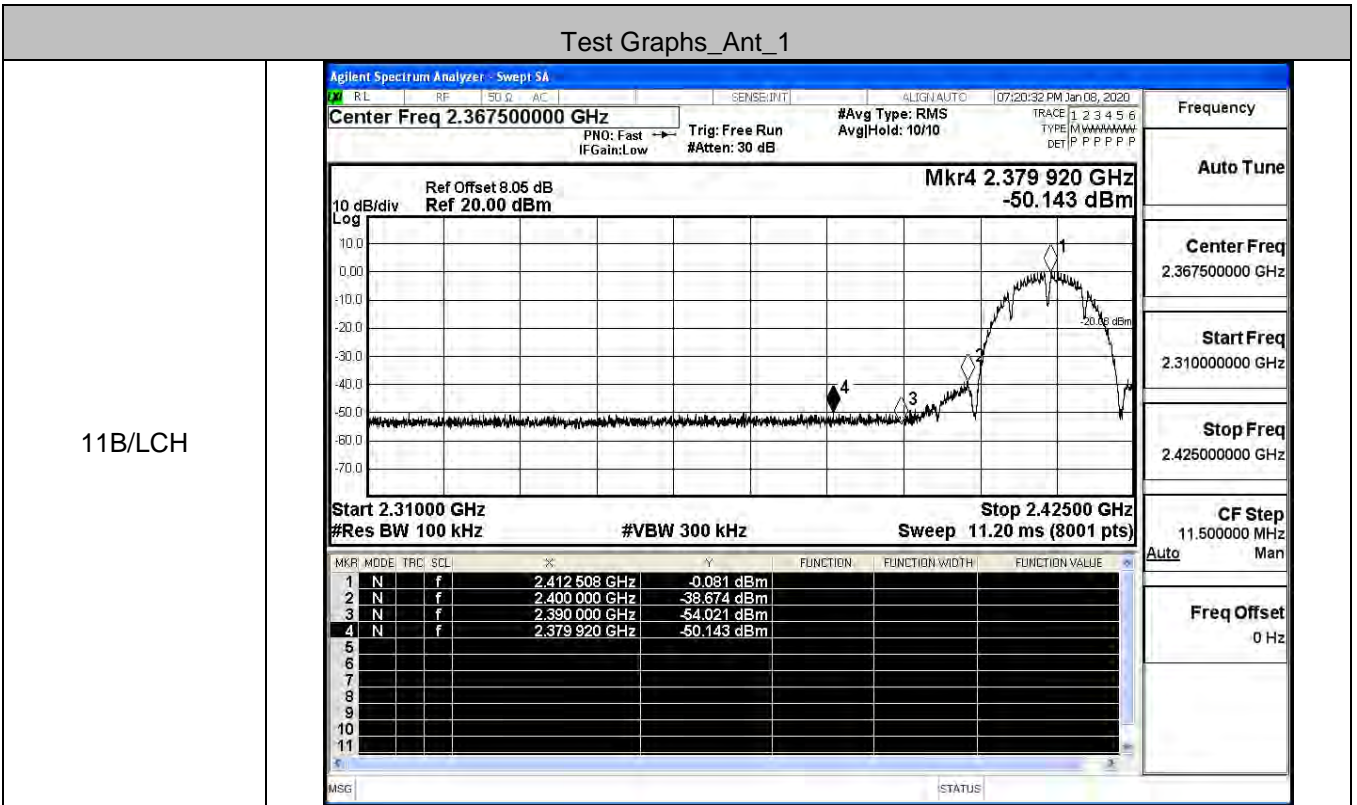




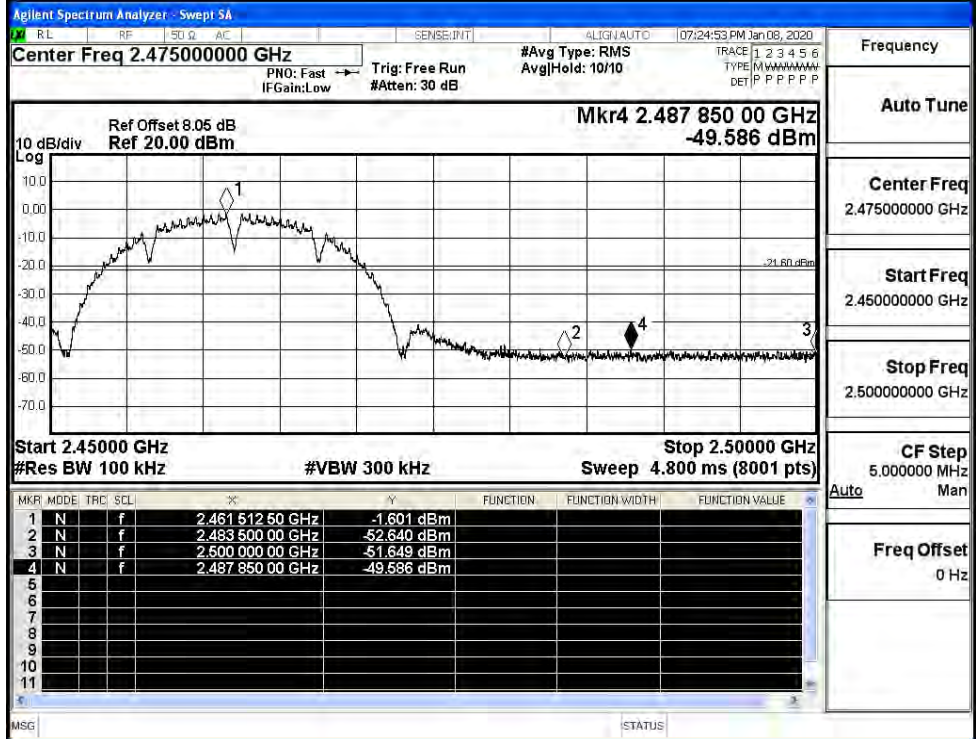
Ant\_1

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

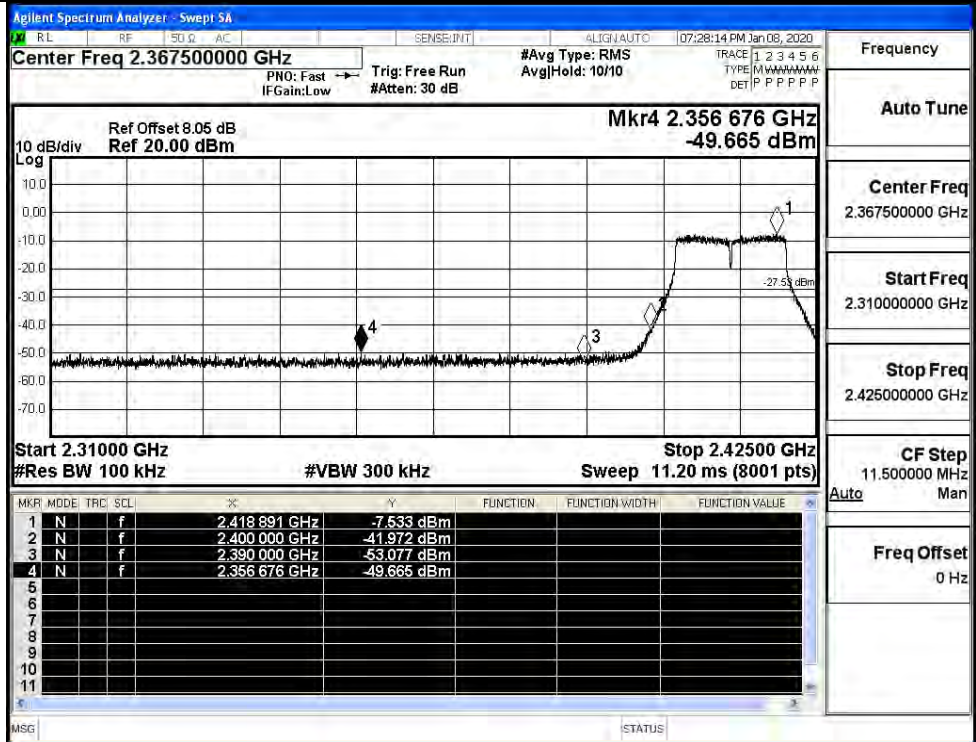


11B/HCH



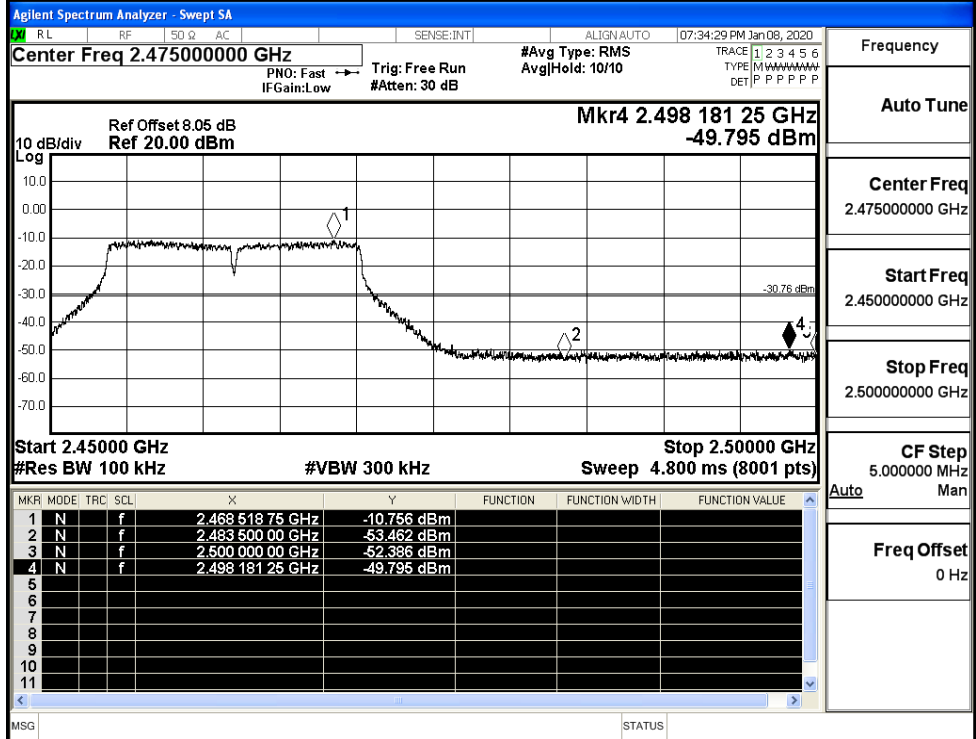
Frequency	2.47500000 GHz
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.46000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11G/LCH



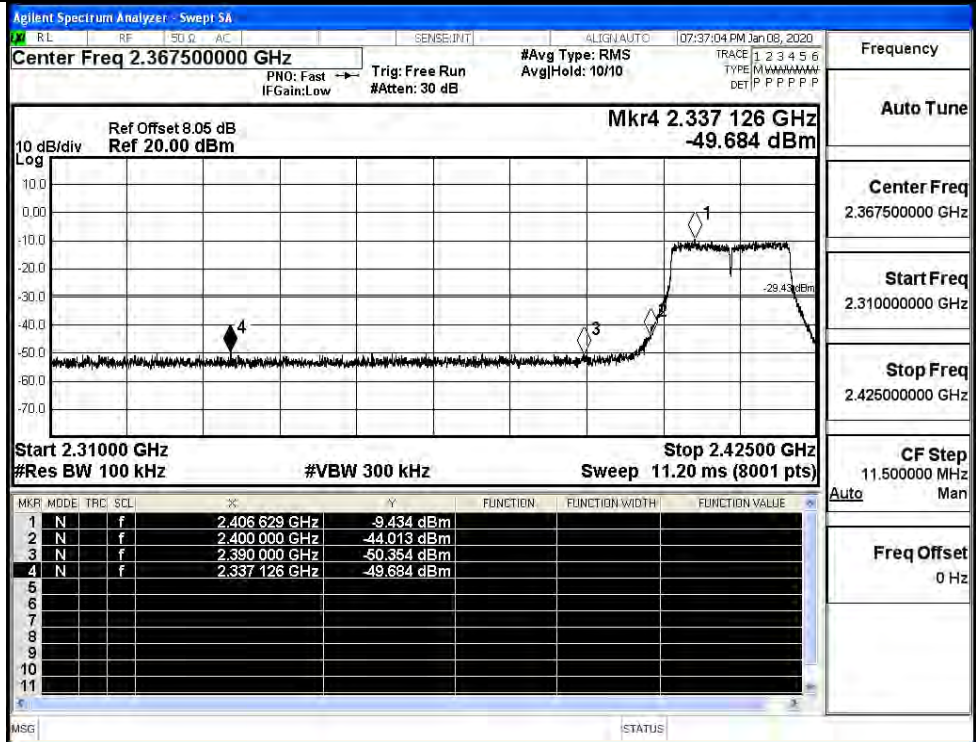
Frequency	2.36750000 GHz
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11G/HCH



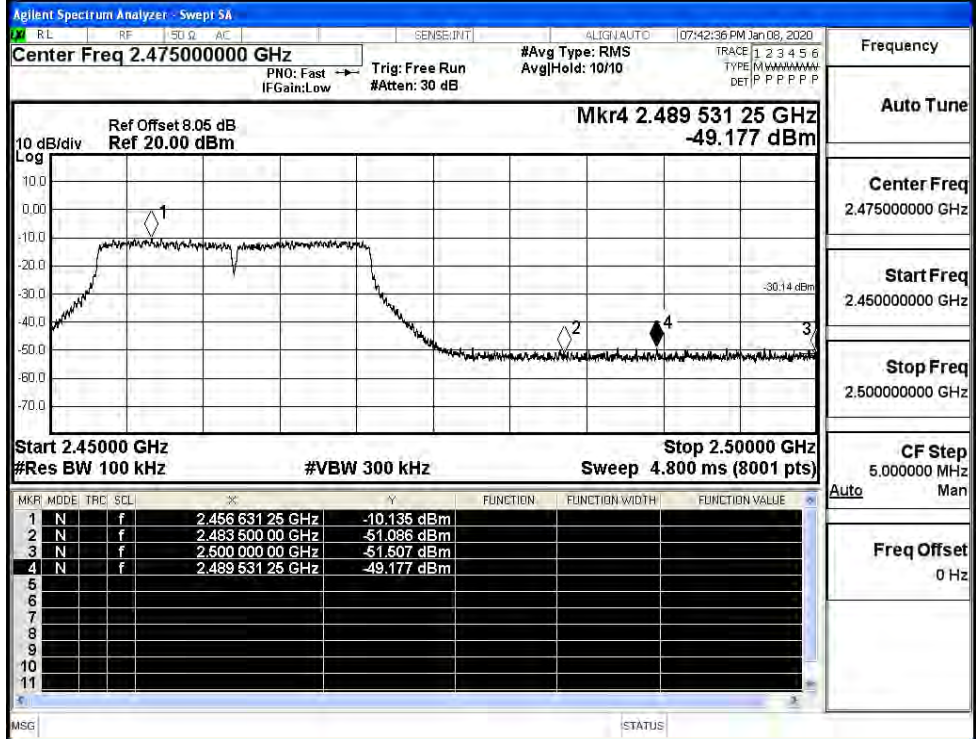
Frequency	
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N20/LCH



Frequency	
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11N20/HCH



Frequency

Auto Tune

Center Freq  
2.47500000 GHz

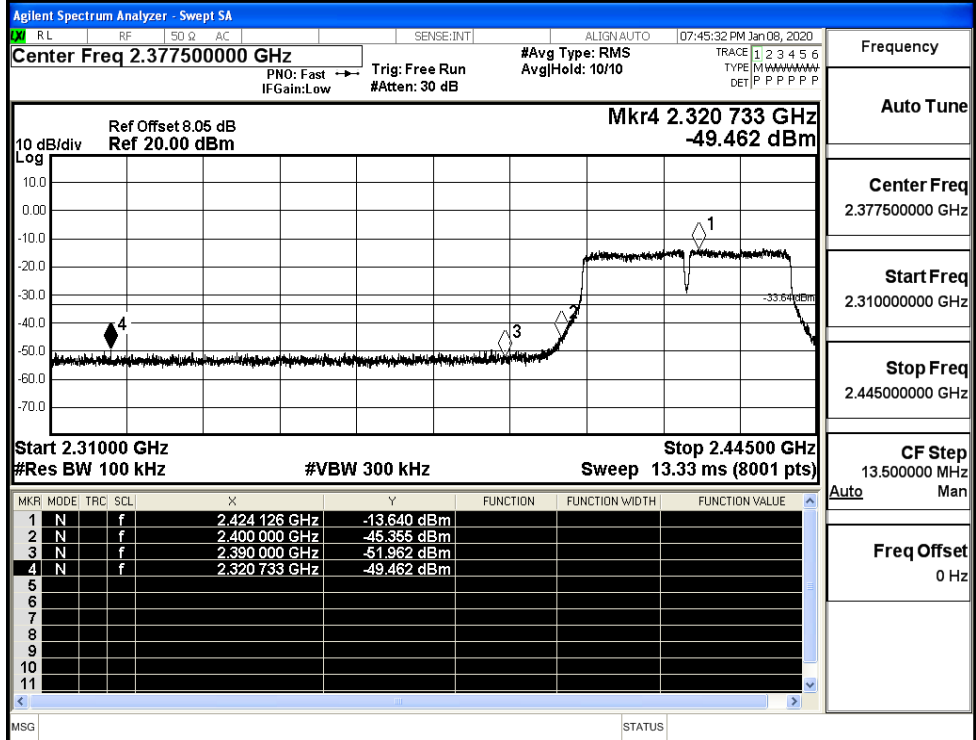
Start Freq  
2.45000000 GHz

Stop Freq  
2.50000000 GHz

CF Step  
5.000000 MHz

Freq Offset  
0 Hz

11N40/LCH



Frequency

Auto Tune

Center Freq  
2.37750000 GHz

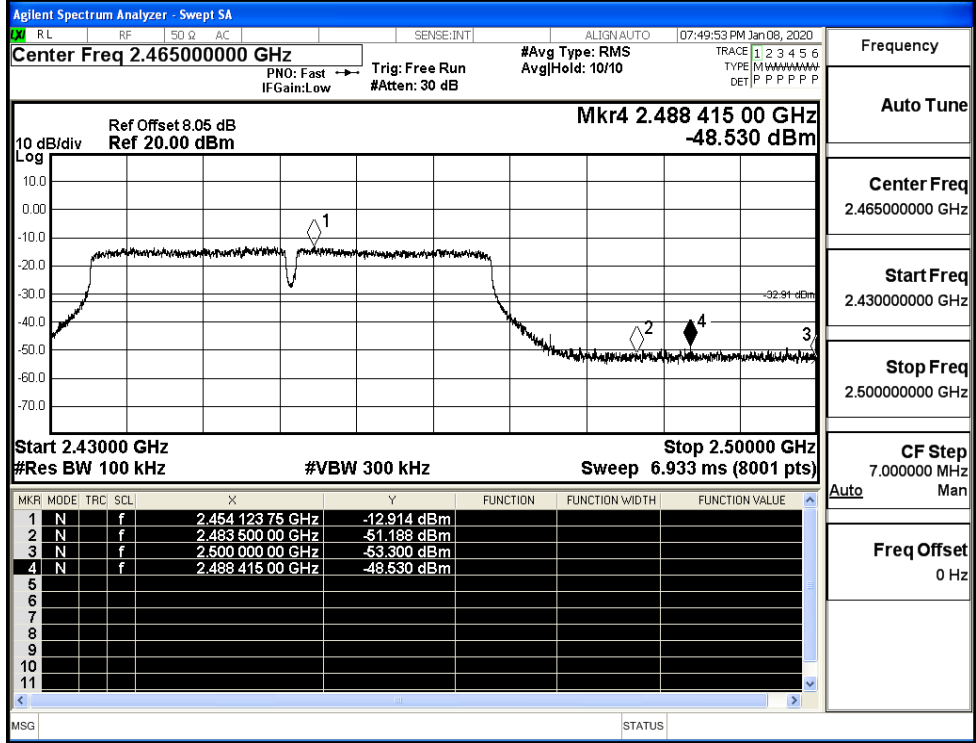
Start Freq  
2.31000000 GHz

Stop Freq  
2.44500000 GHz

CF Step  
13.500000 MHz

Freq Offset  
0 Hz

11N40/HCH



**A.7 Restrict-band band-edge measurements**

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/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 [dBu V/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

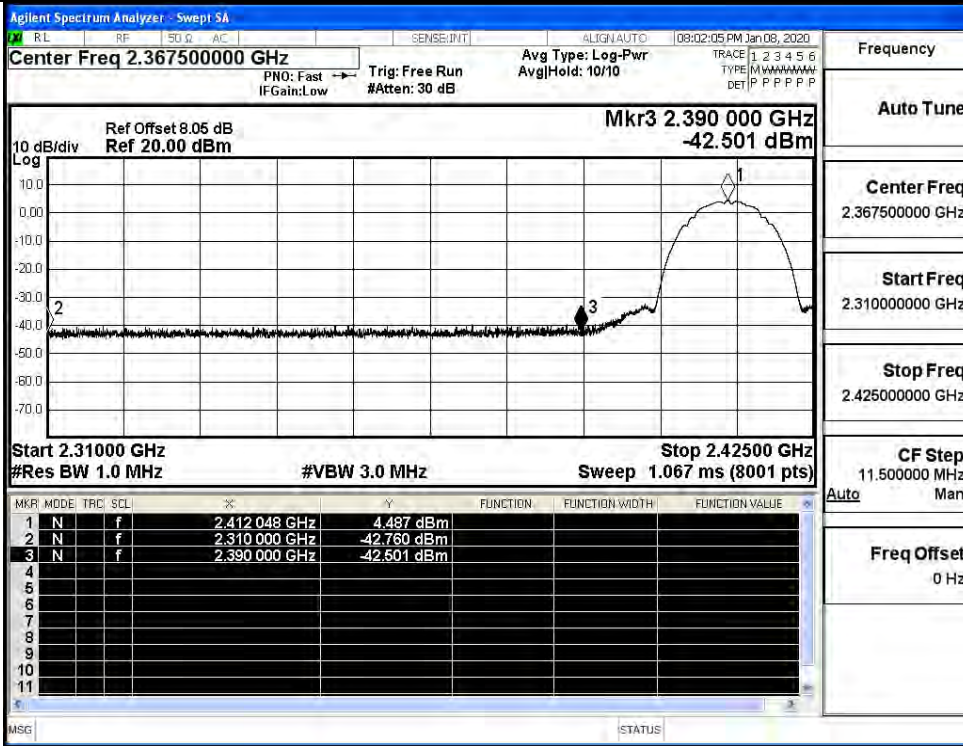
	2462	Ant_1	2500.0	-52.55	5.0	0	47.71	AV	54	PASS
11N40	2422	Ant_1	2310.0	-43.63	5.0	0	56.63	PEAK	74	PASS
	2422	Ant_1	2310.0	-53.56	5.0	0	46.7	AV	54	PASS
	2422	Ant_1	2390.0	-42.56	5.0	0	57.7	PEAK	74	PASS
	2422	Ant_1	2390.0	-52.83	5.0	0	47.43	AV	54	PASS
	2452	Ant_1	2483.5	-41.94	5.0	0	58.32	PEAK	74	PASS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

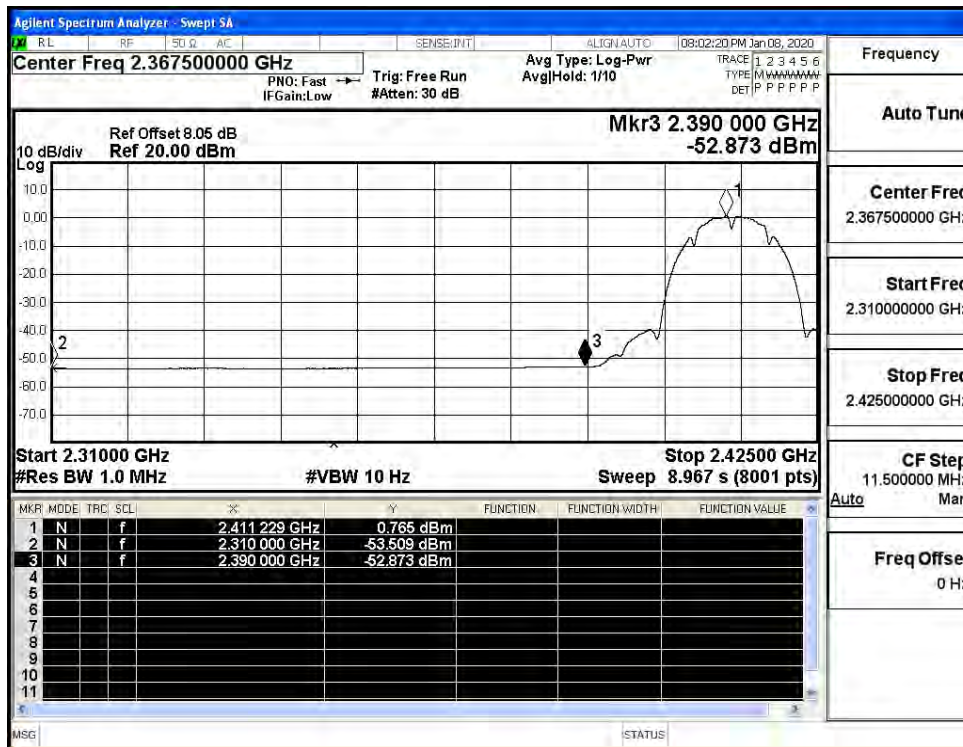
Test Mode	Frequency (MHz)	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2412	-43.67	-44.03	-40.84	8.01	0	62.43	Peak	74.00
	2412	-53.52	-53.58	-50.54	8.01	0	52.73	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
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



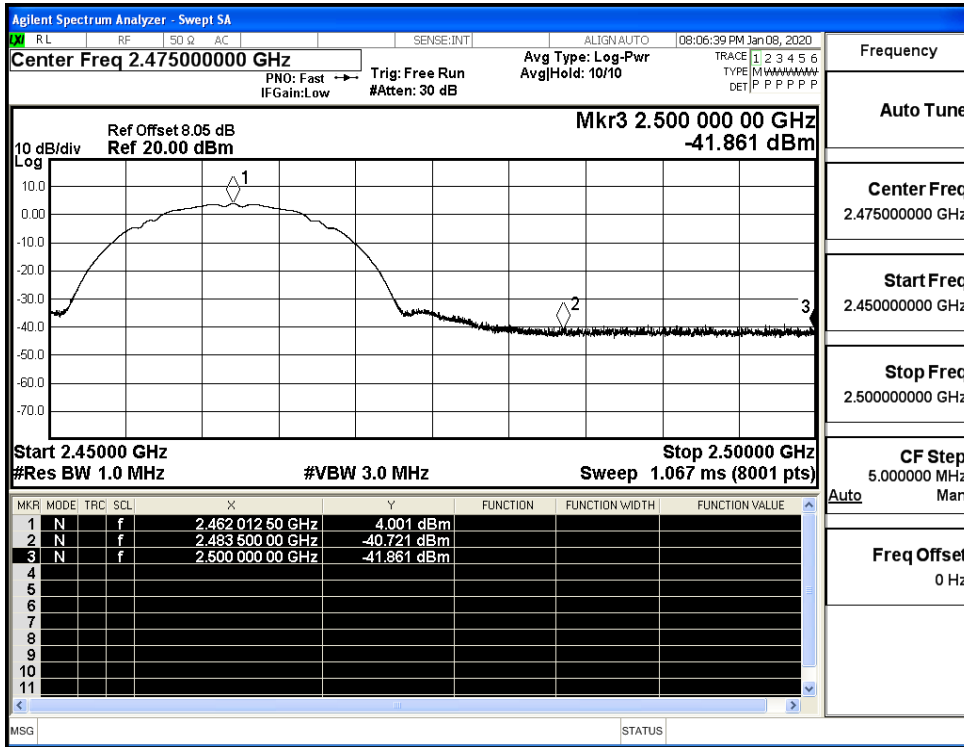
Restrict-band band-edge measurements\_11B\_2412\_Ant\_0\_PEAK



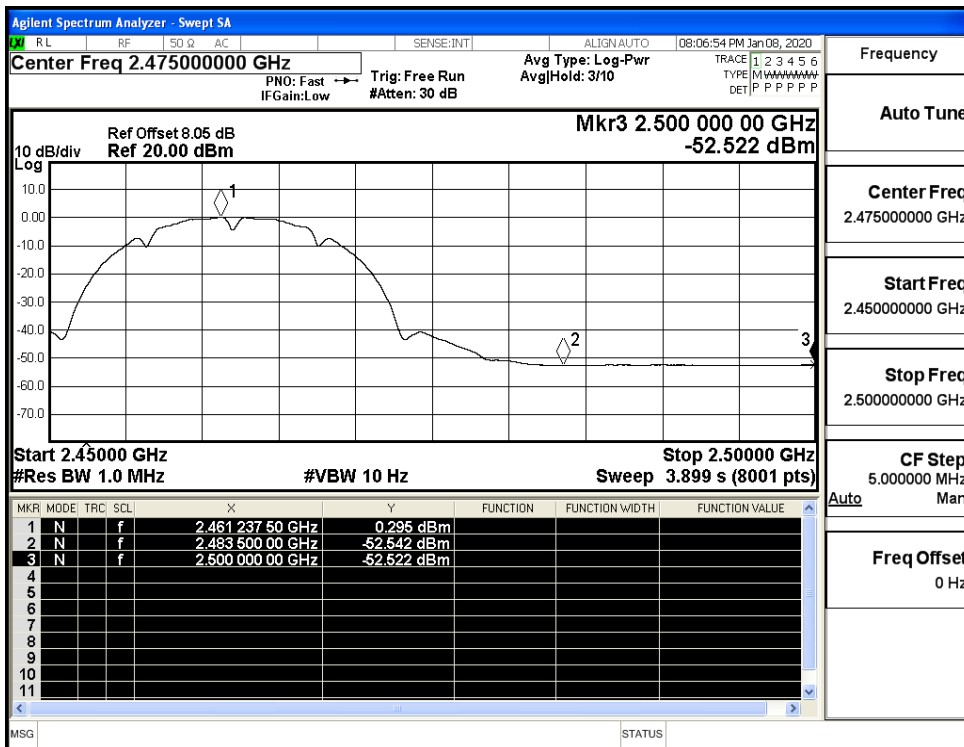
Restrict-band band-edge measurements\_11B\_2412\_Ant\_0\_AV



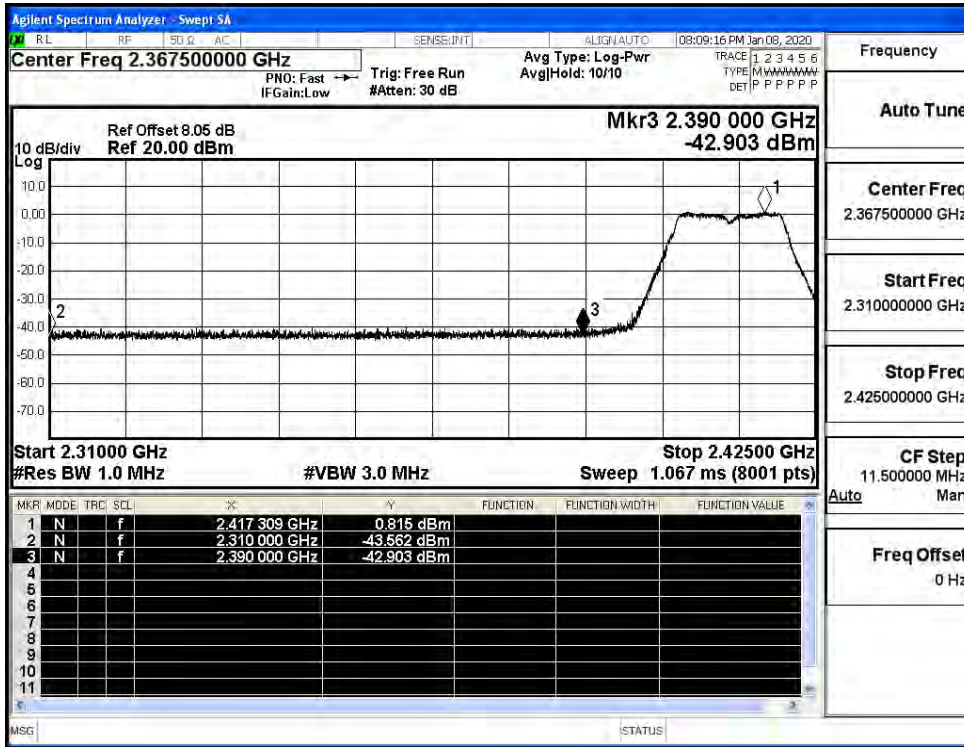
Restrict-band band-edge measurements\_11B\_2462\_Ant\_0\_PEAK



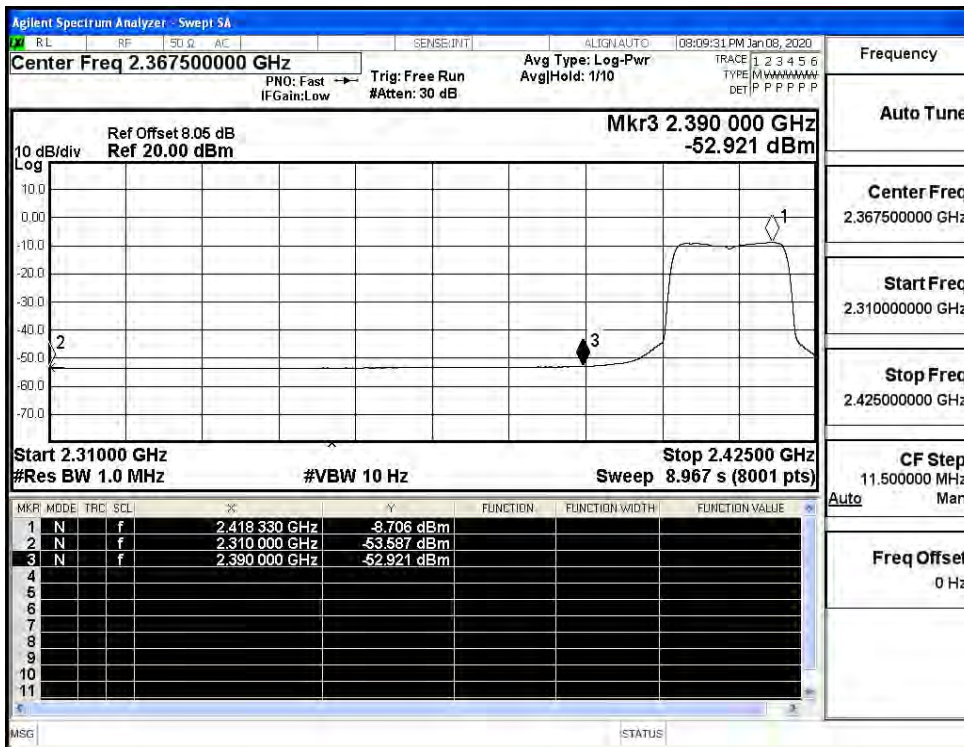
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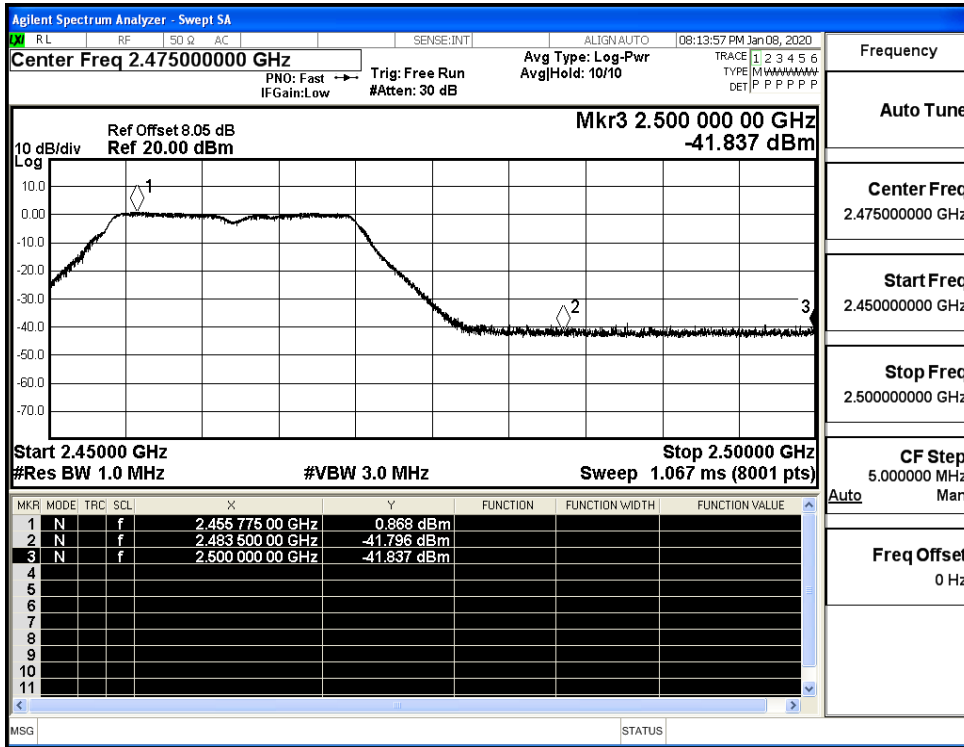
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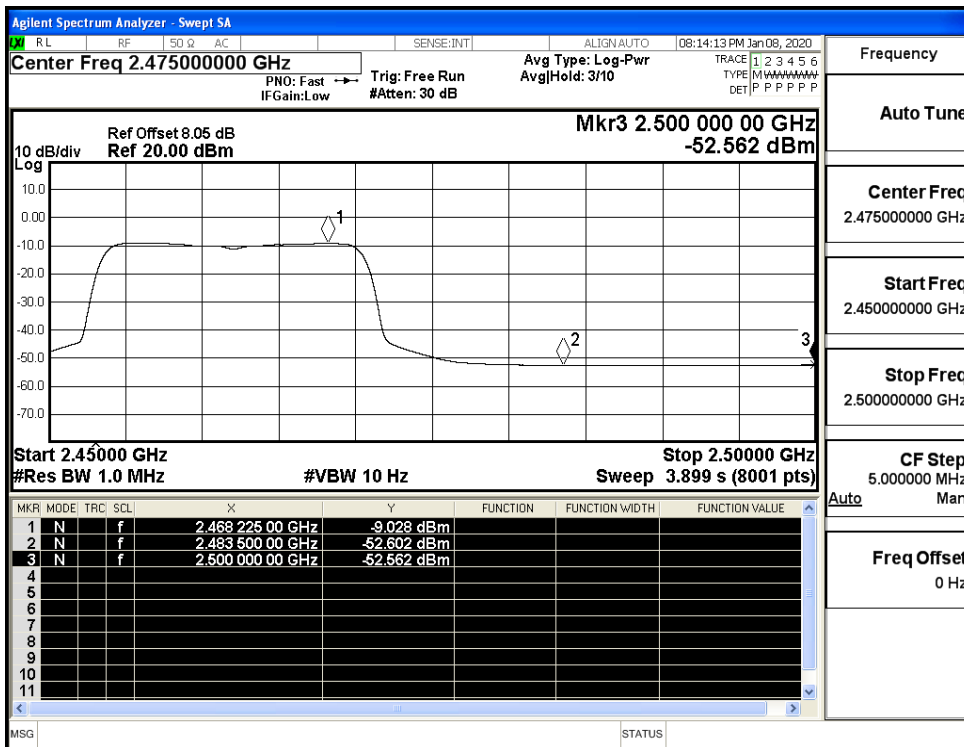
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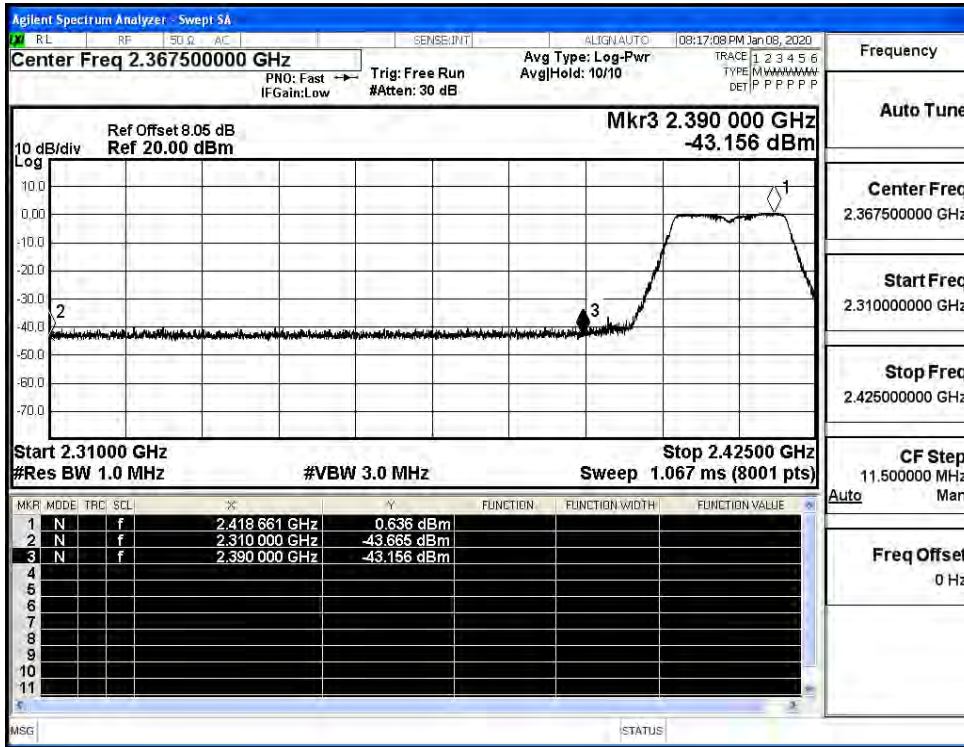
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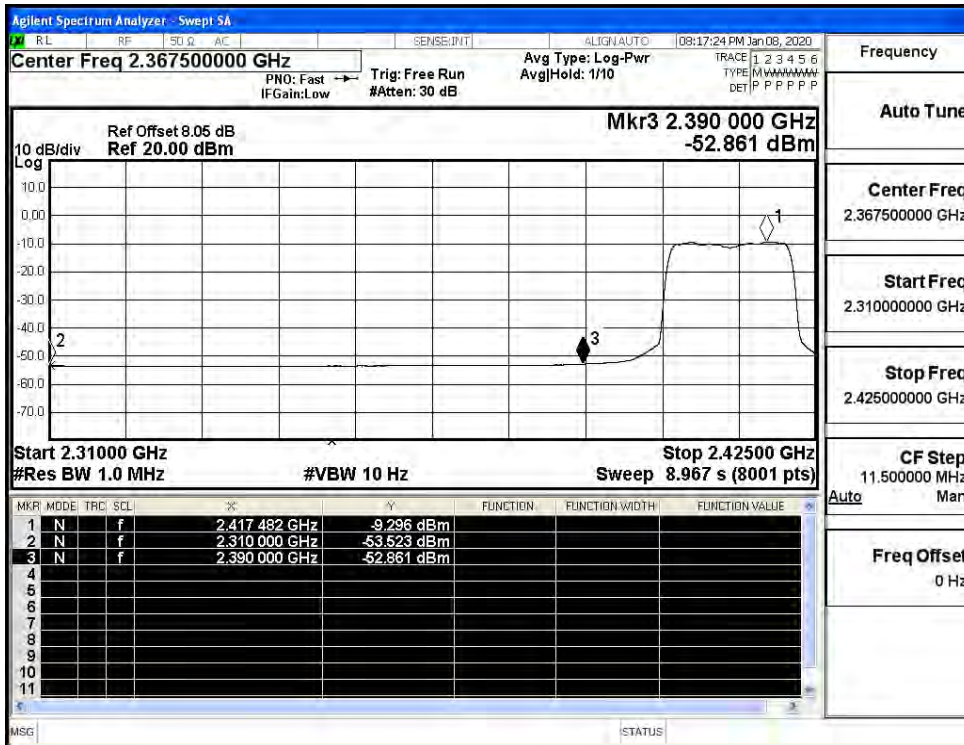
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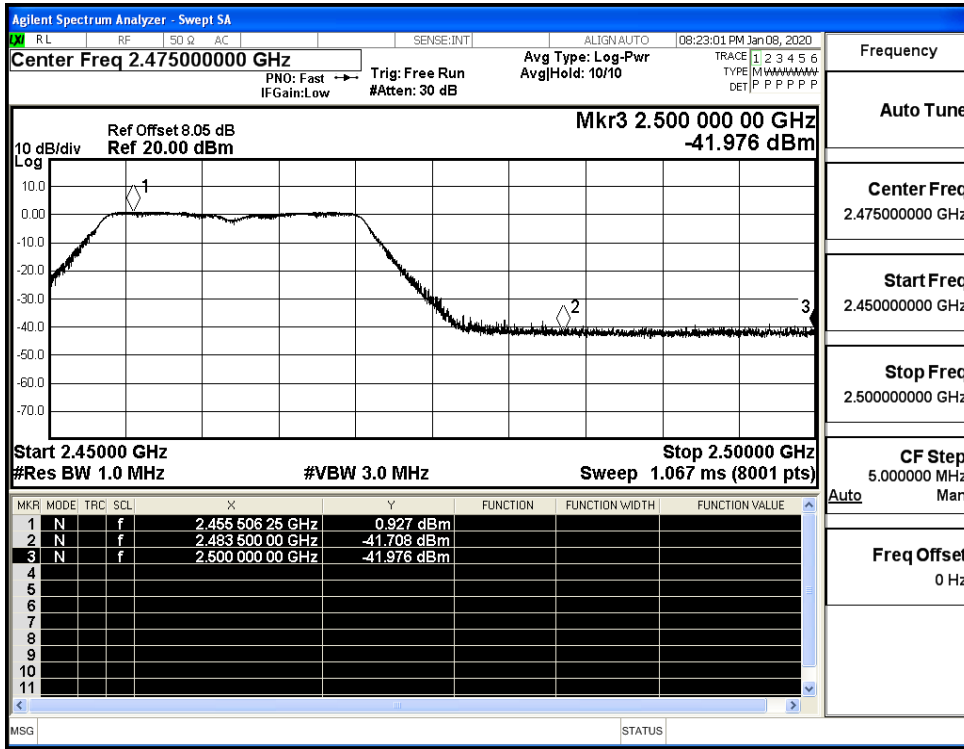
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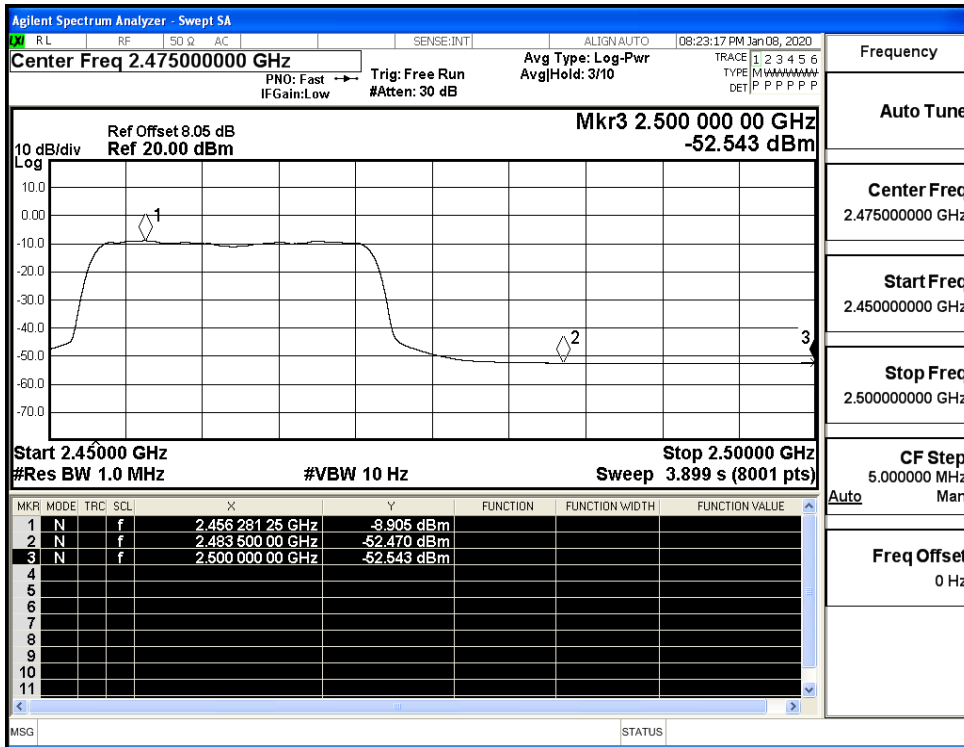
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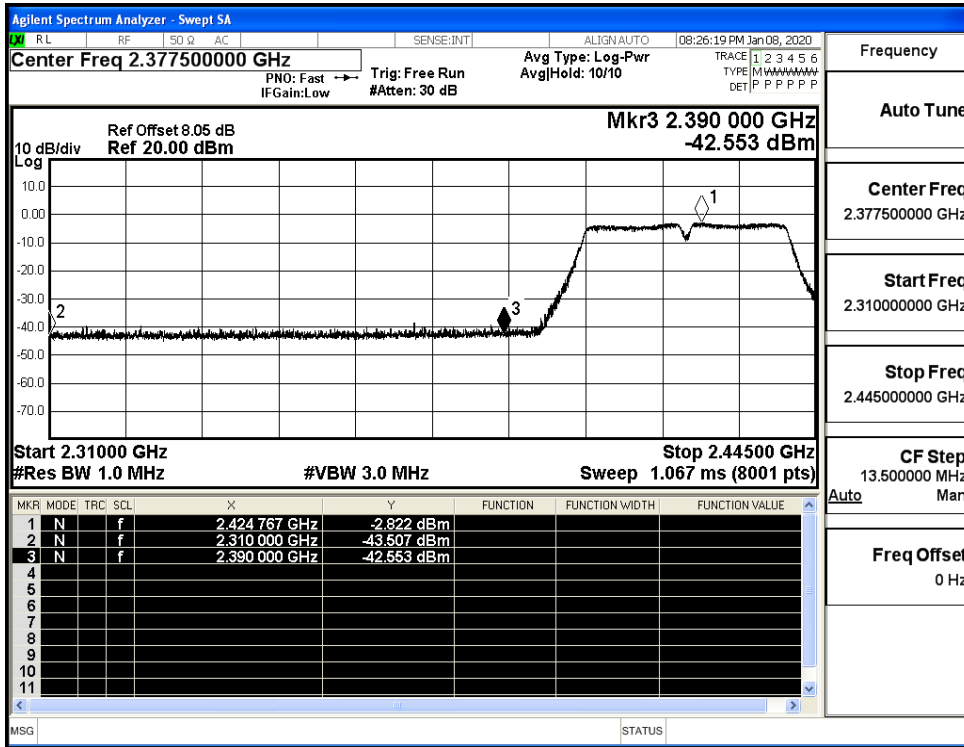
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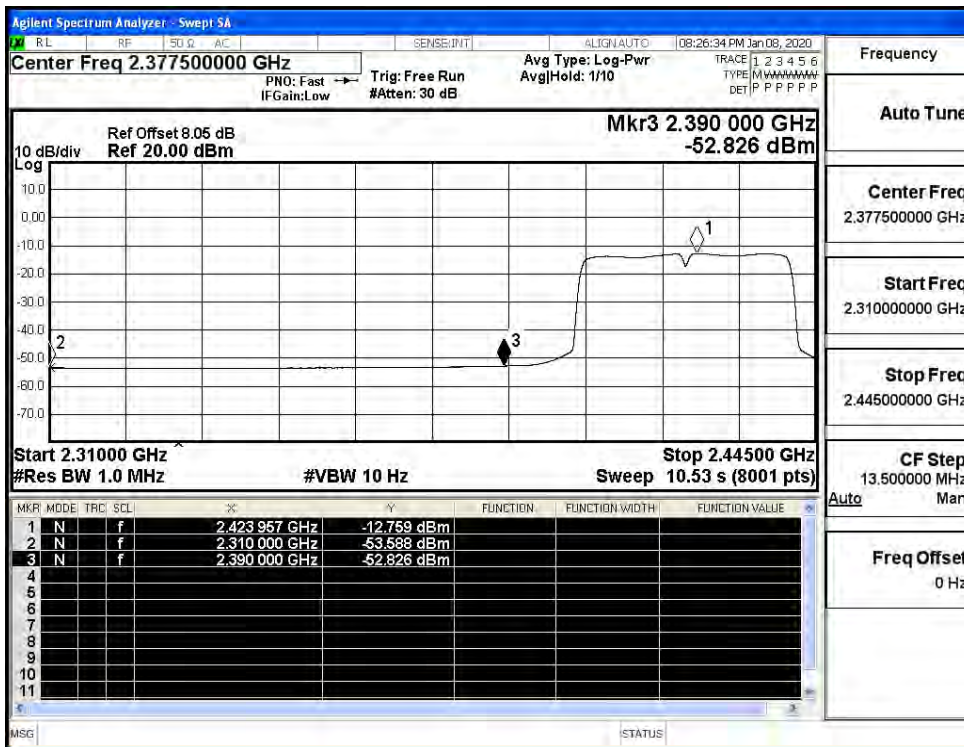
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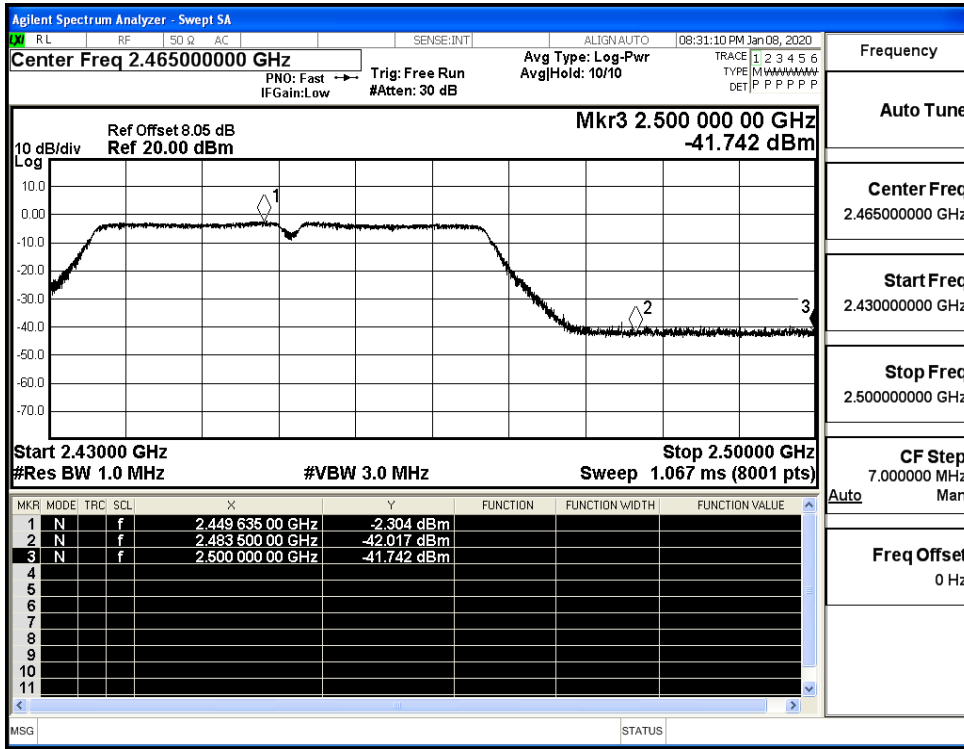
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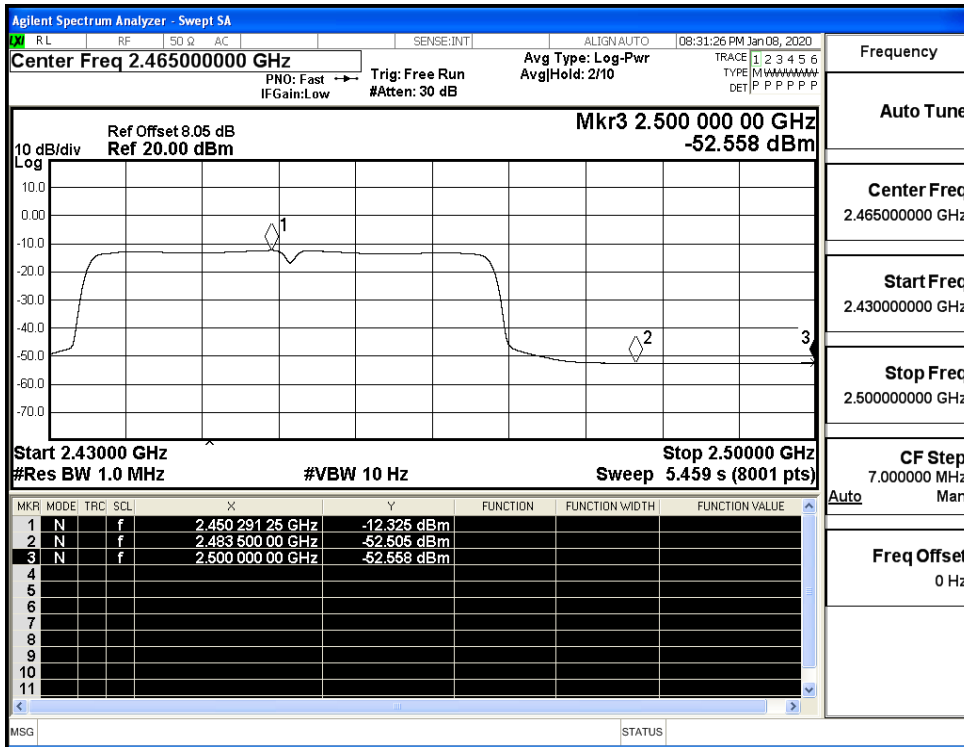
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Restrict-band band-edge measurements\_11N40\_2452\_Ant\_0\_PEAK

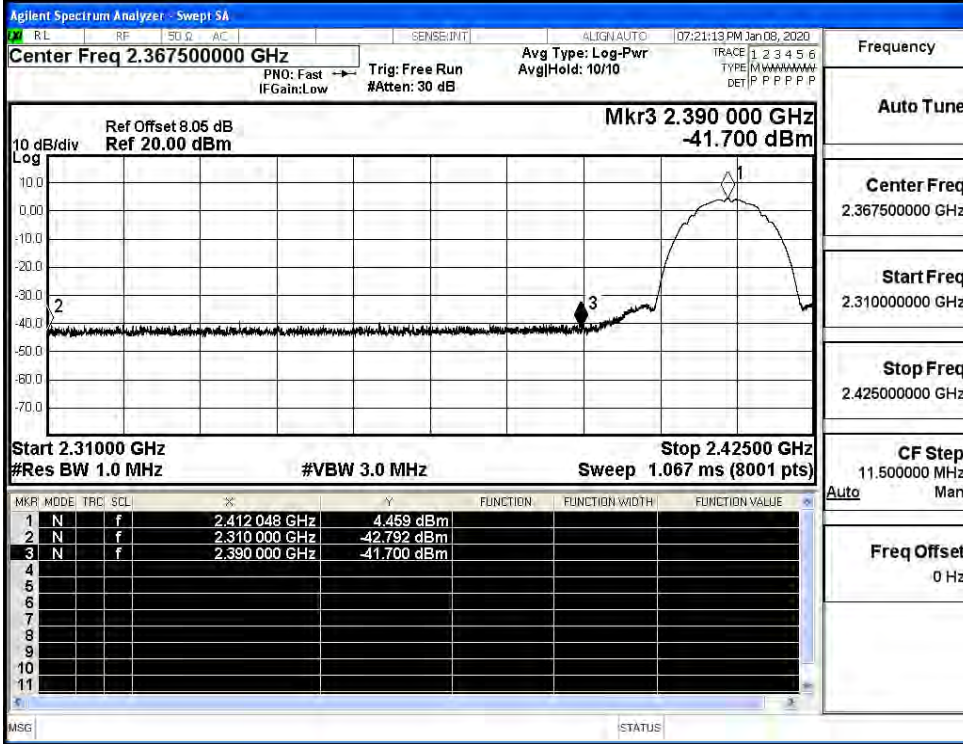


Restrict-band band-edge measurements\_11N40\_2452\_Ant\_0\_AV

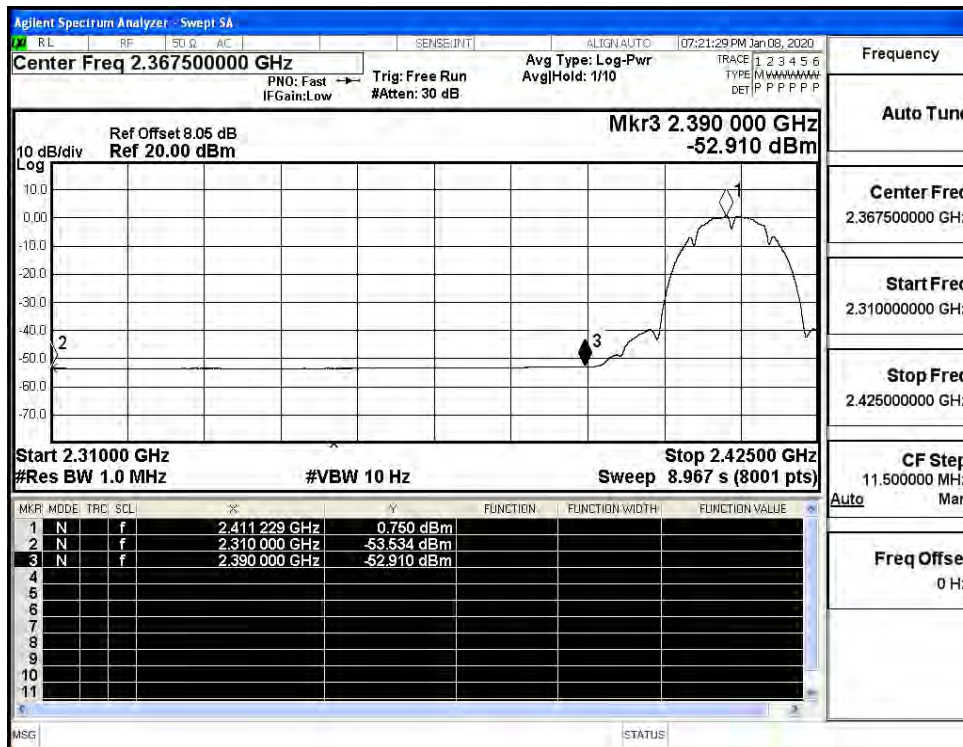




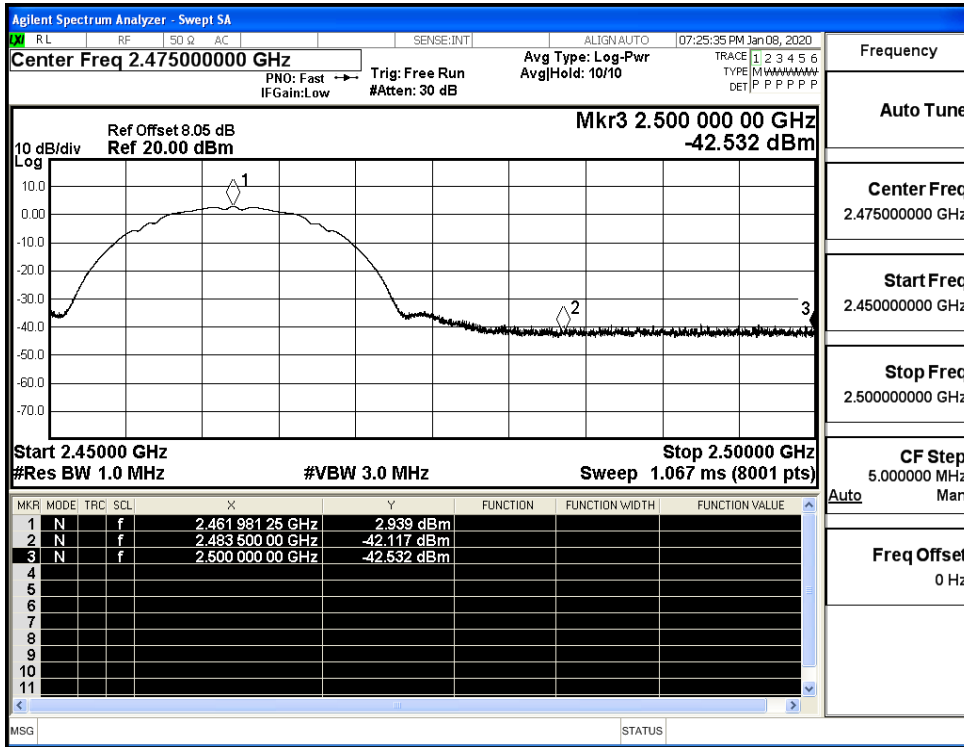
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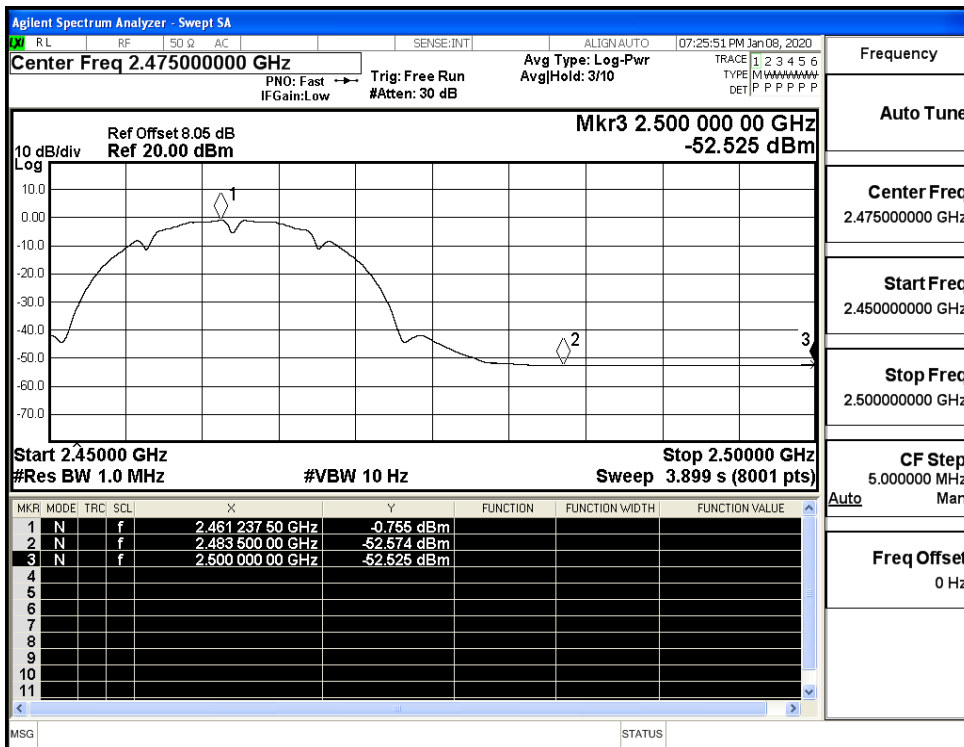
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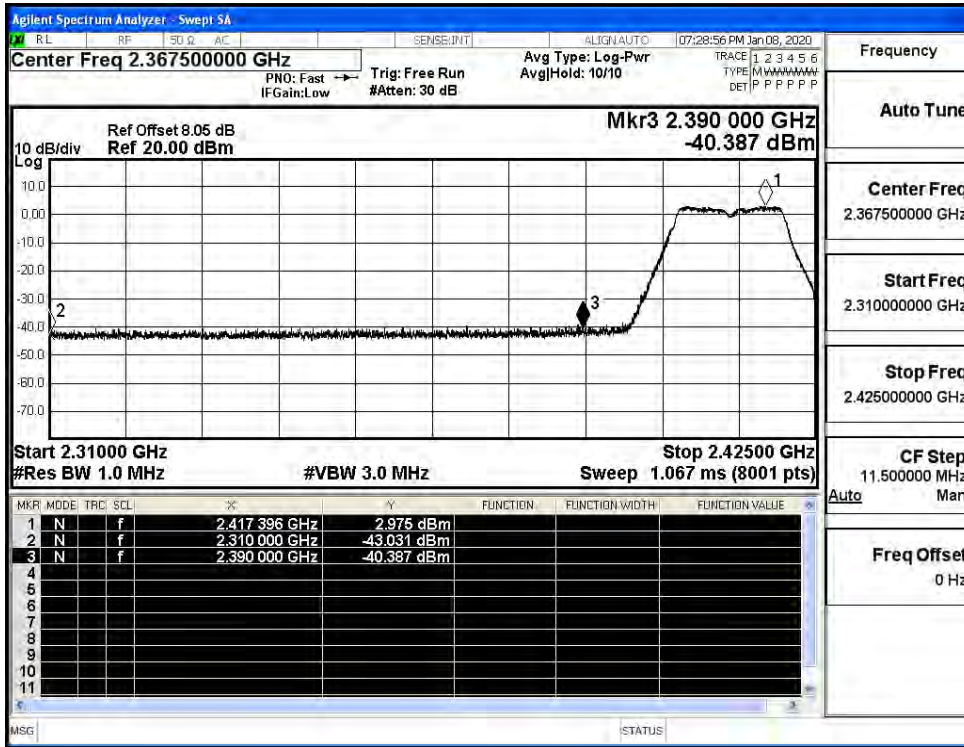
Restrict-band band-edge measurements\_11B\_2462\_Ant\_1\_PEAK



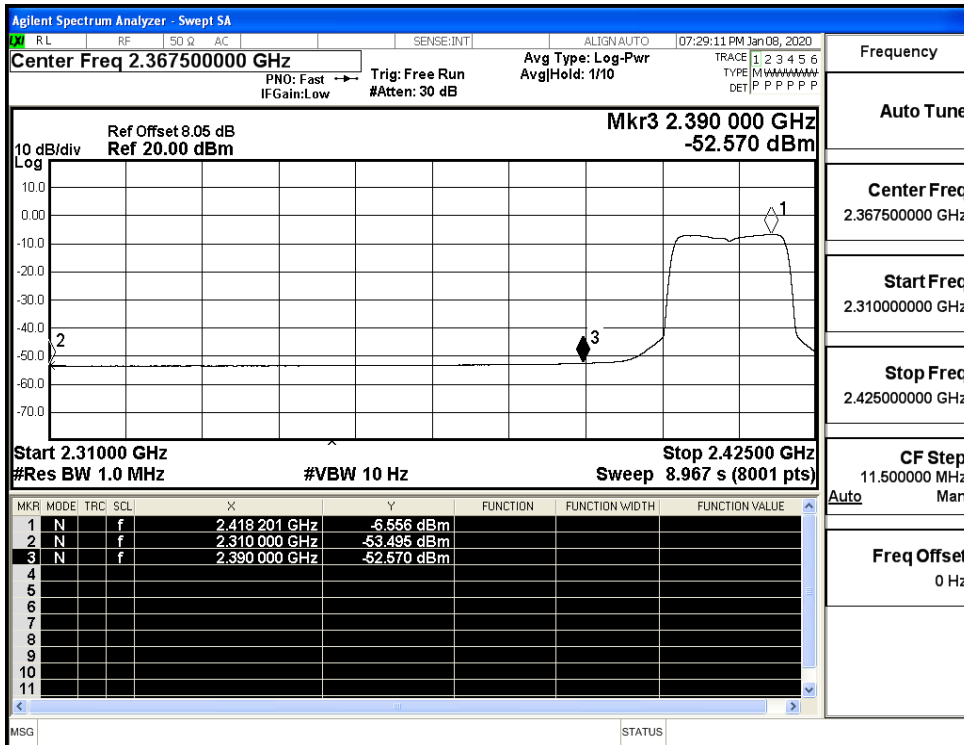
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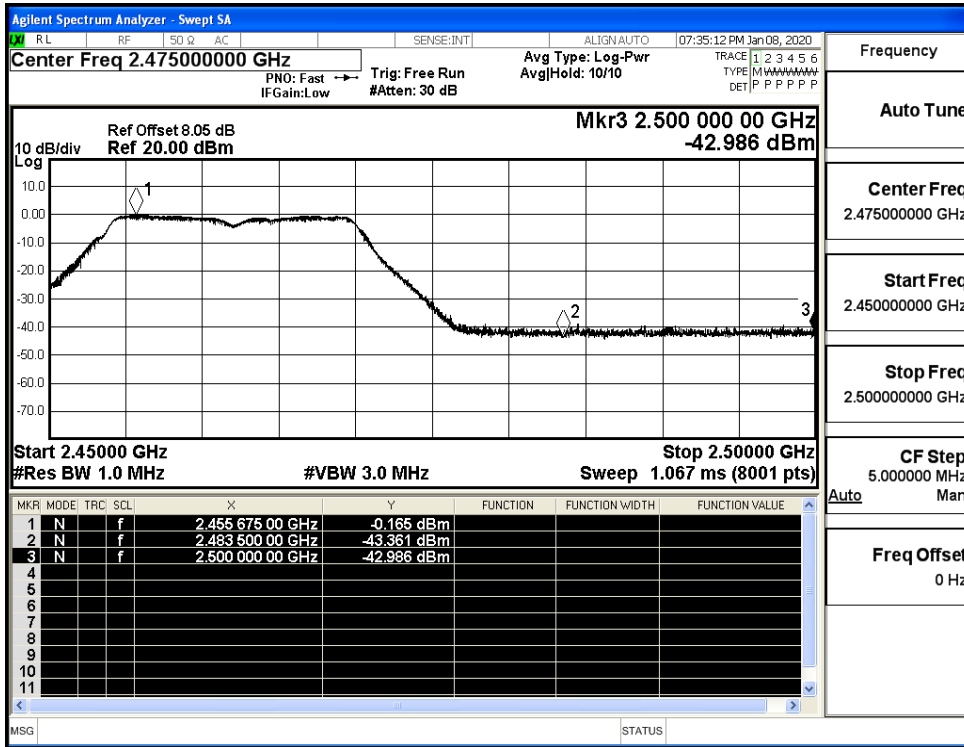
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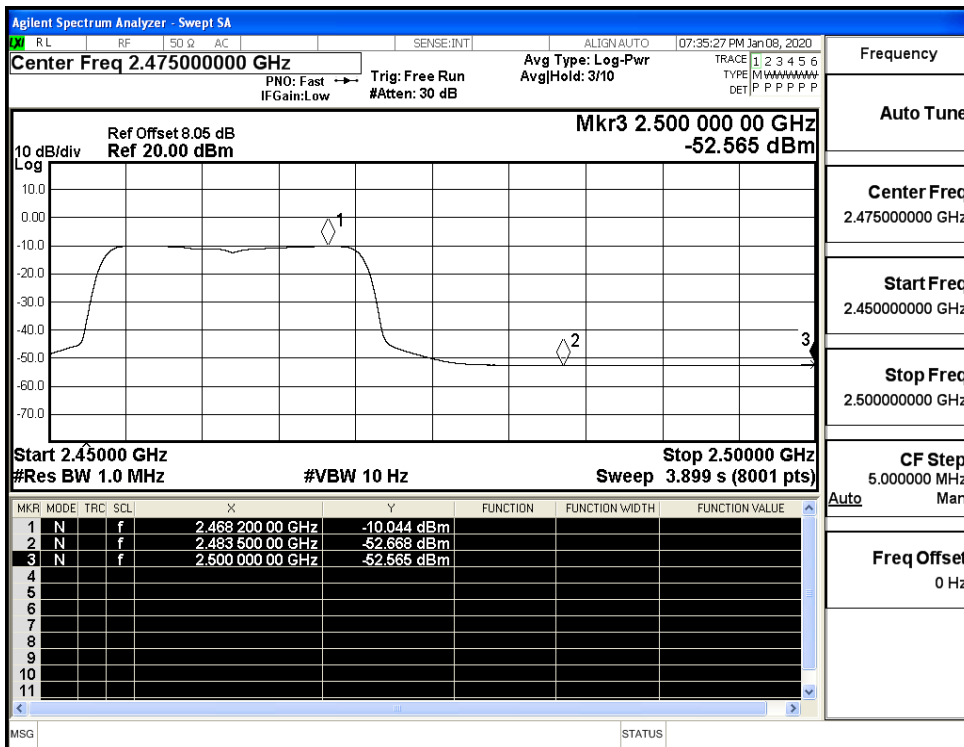
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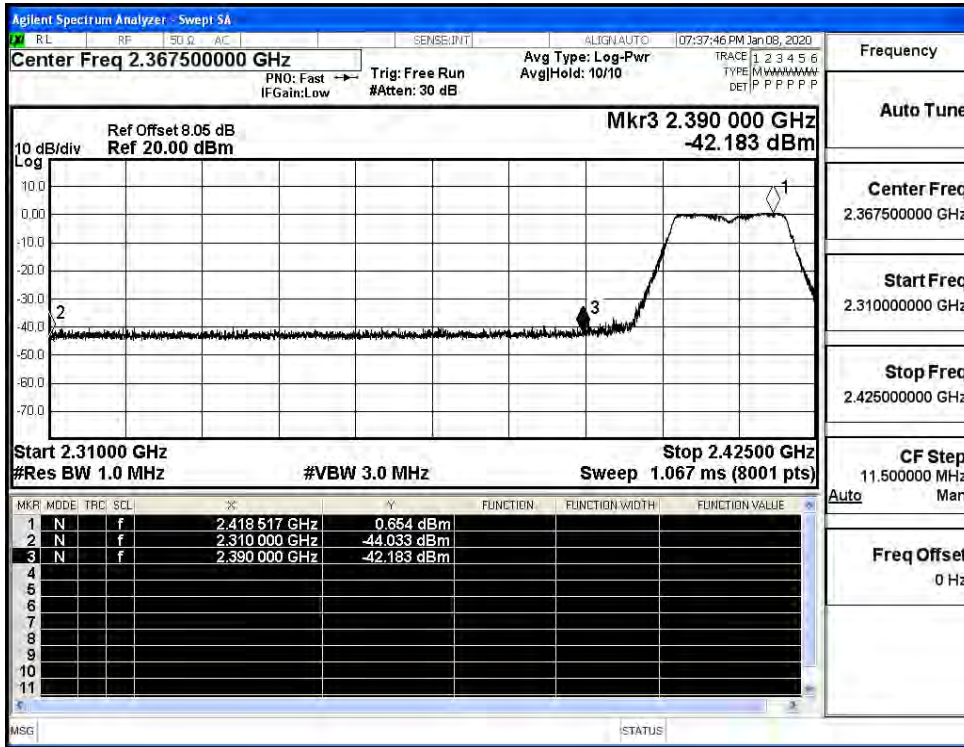
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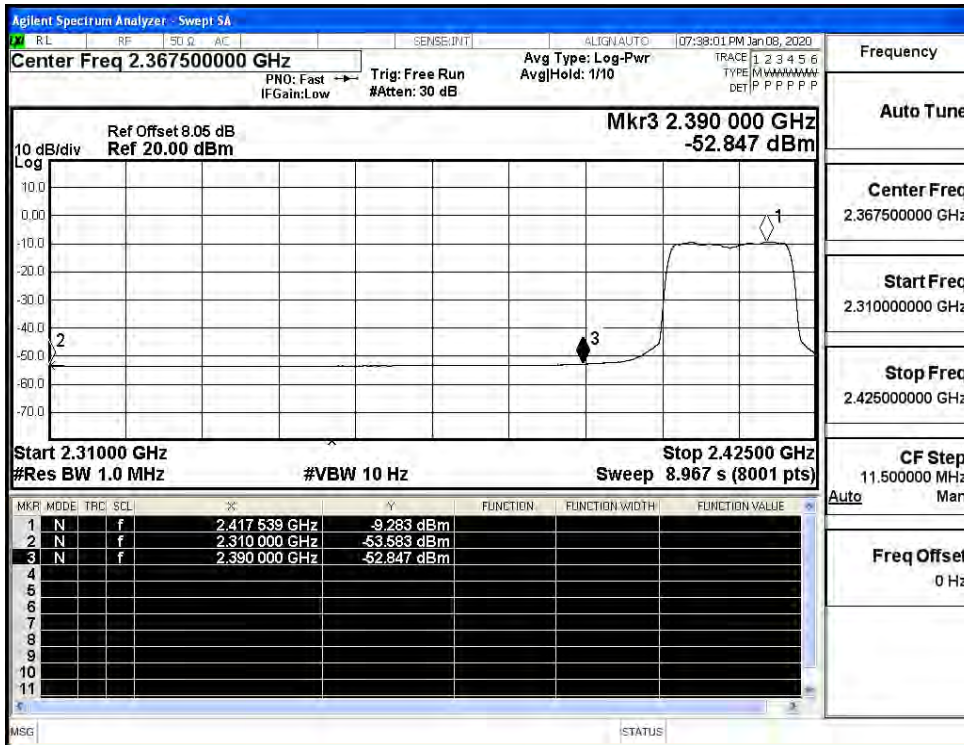
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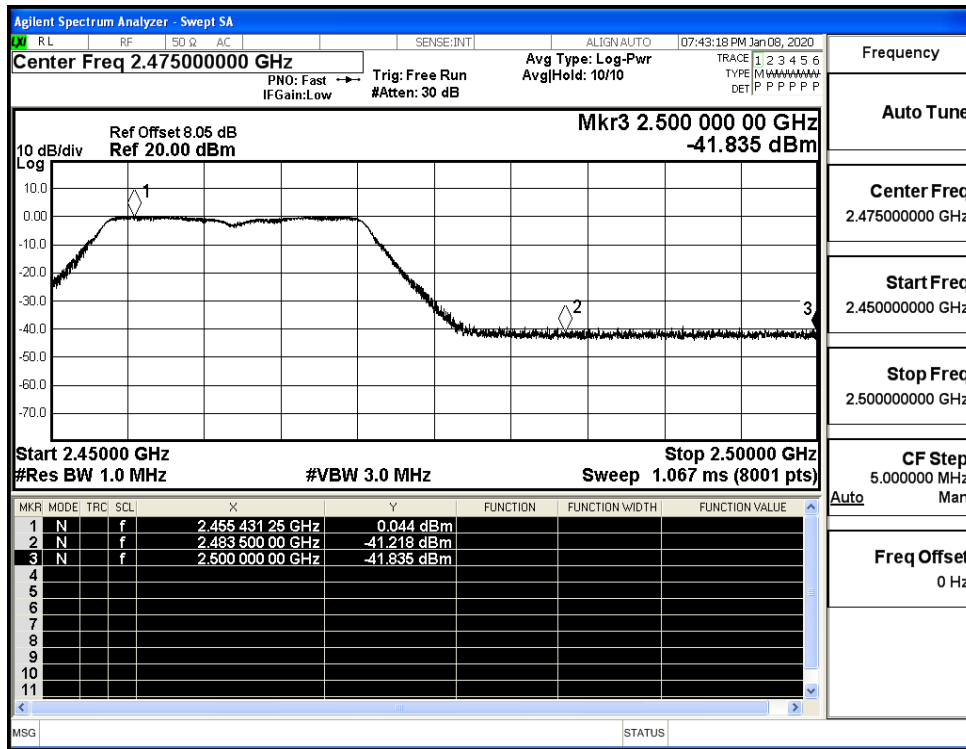
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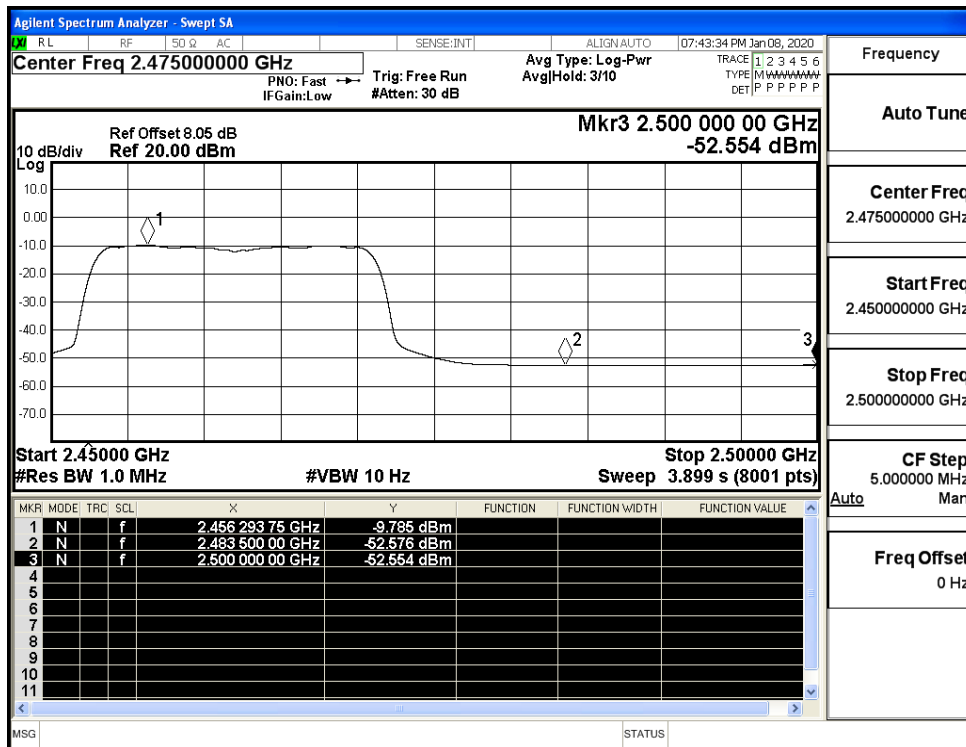
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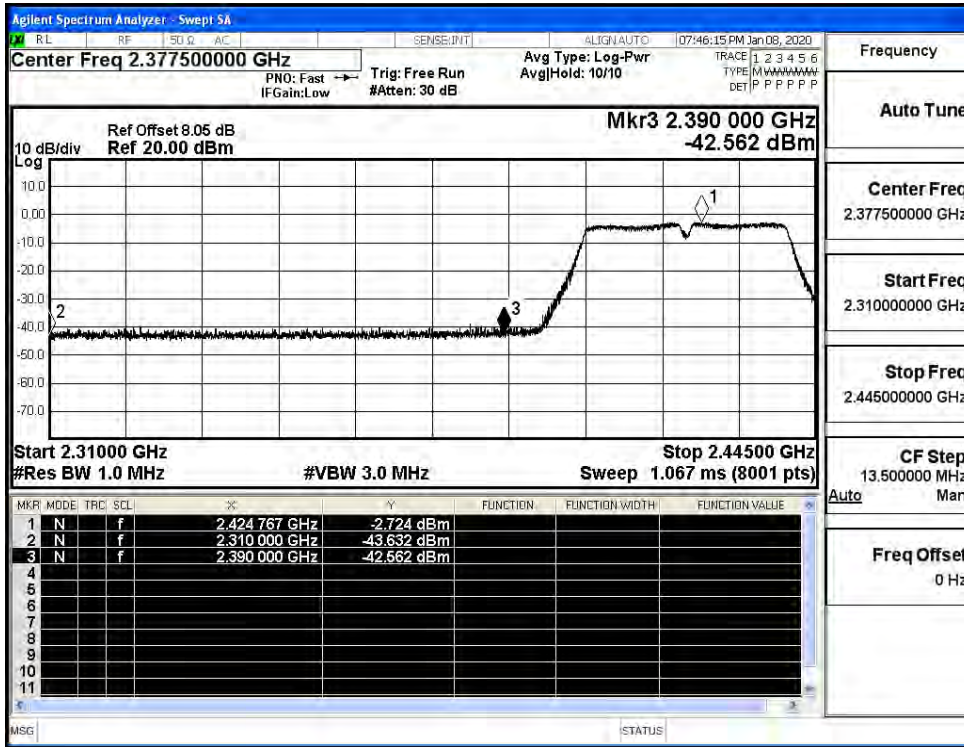
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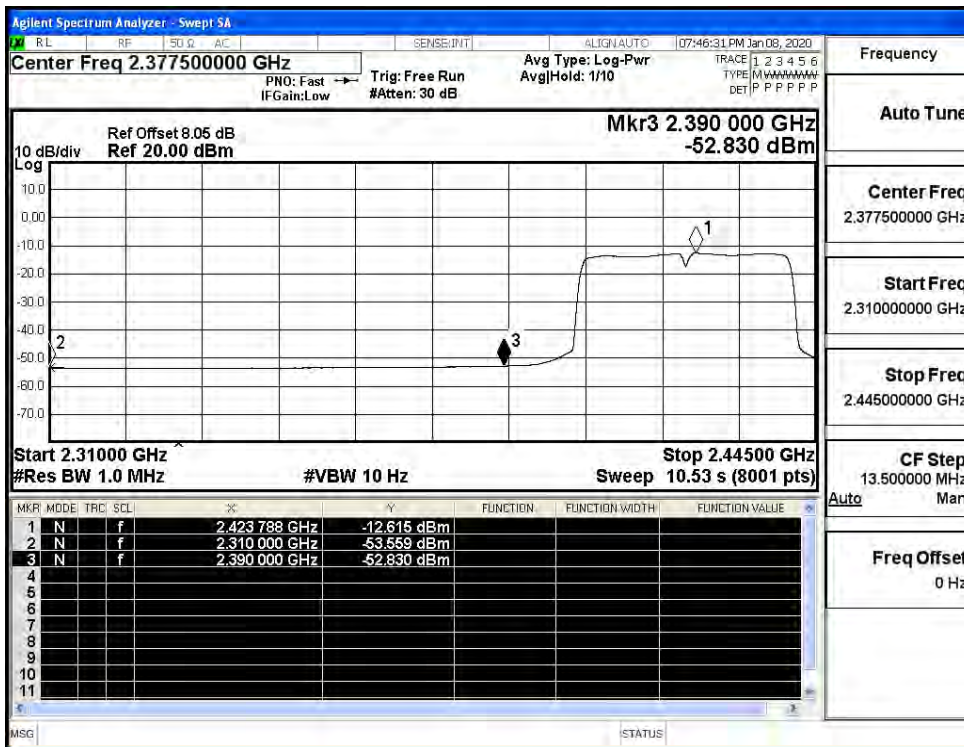
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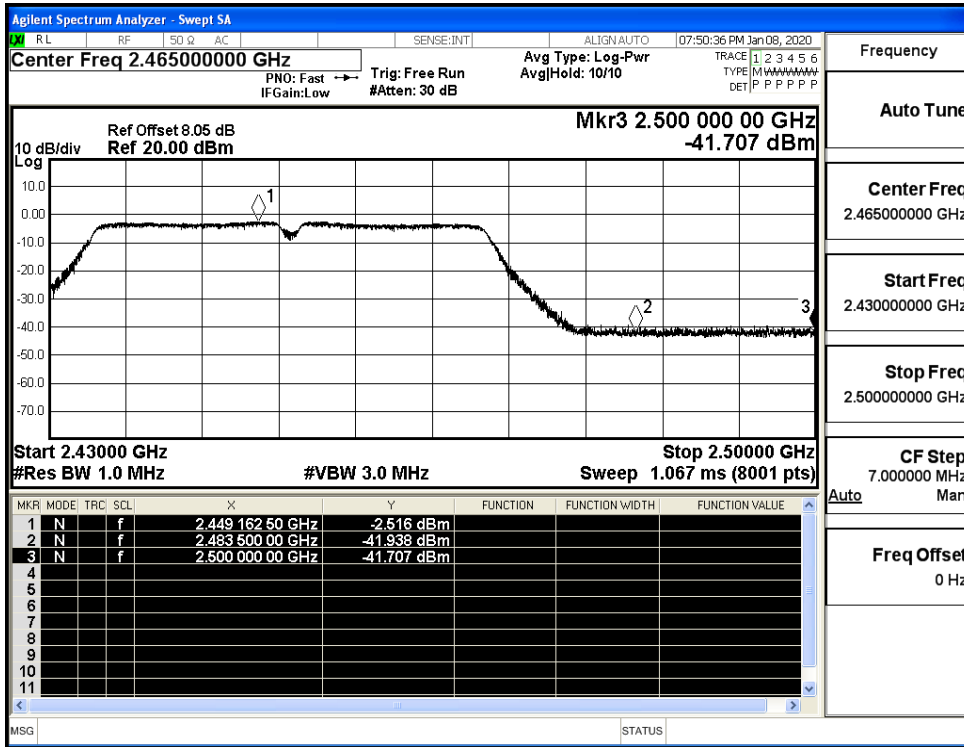
Restrict-band band-edge measurements\_11N40\_2422\_Ant\_1\_PEAK



Restrict-band band-edge measurements\_11N40\_2422\_Ant\_1\_AV



Restrict-band band-edge measurements\_11N40\_2452\_Ant\_1\_PEAK



Restrict-band band-edge measurements\_11N40\_2452\_Ant\_1\_AV

