

## Appendix C

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

Product Name: 7 inch 4G Tablet

Trade Mark: T4G

Test Model: LOGIC, iSWAG, UNONU

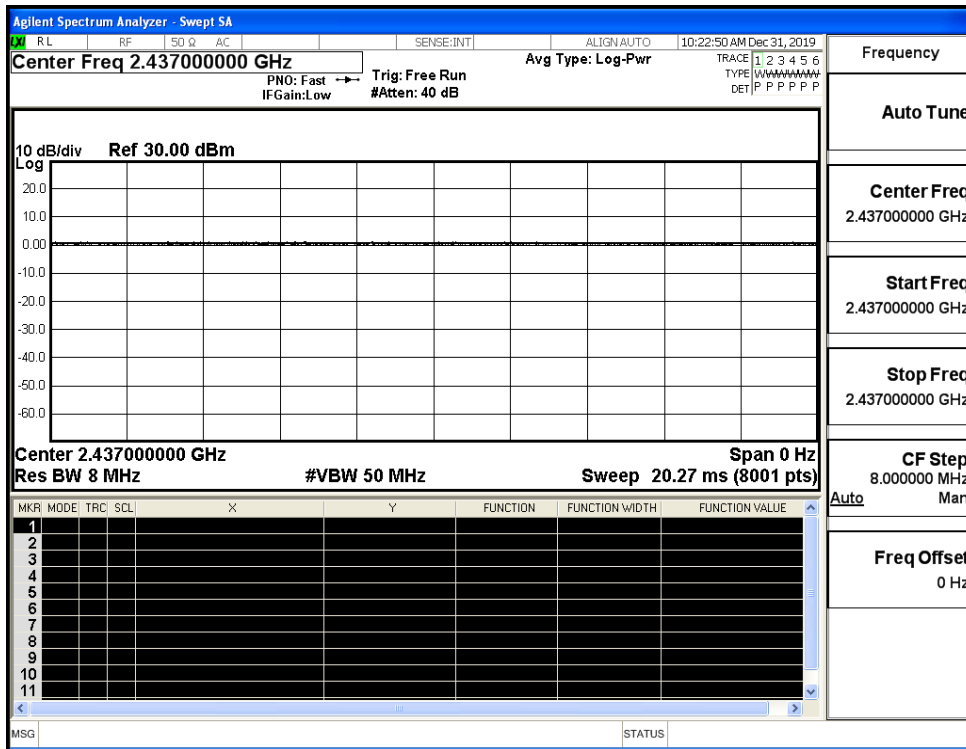
#### Environmental Conditions

Temperature:	25.1° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

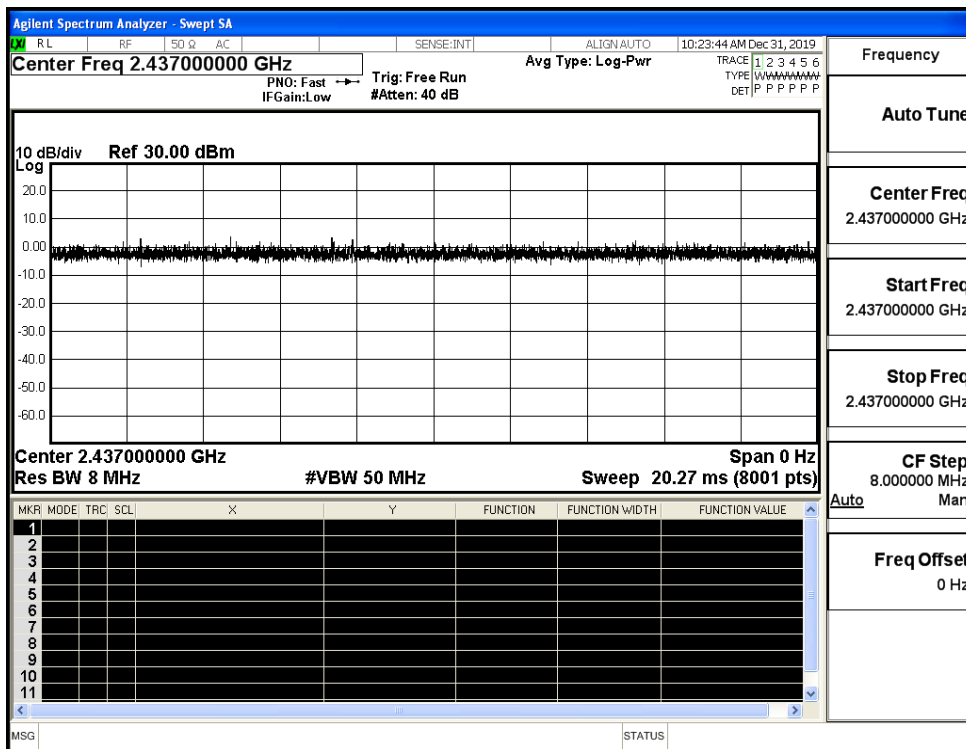
#### C.1 Duty Cycle

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

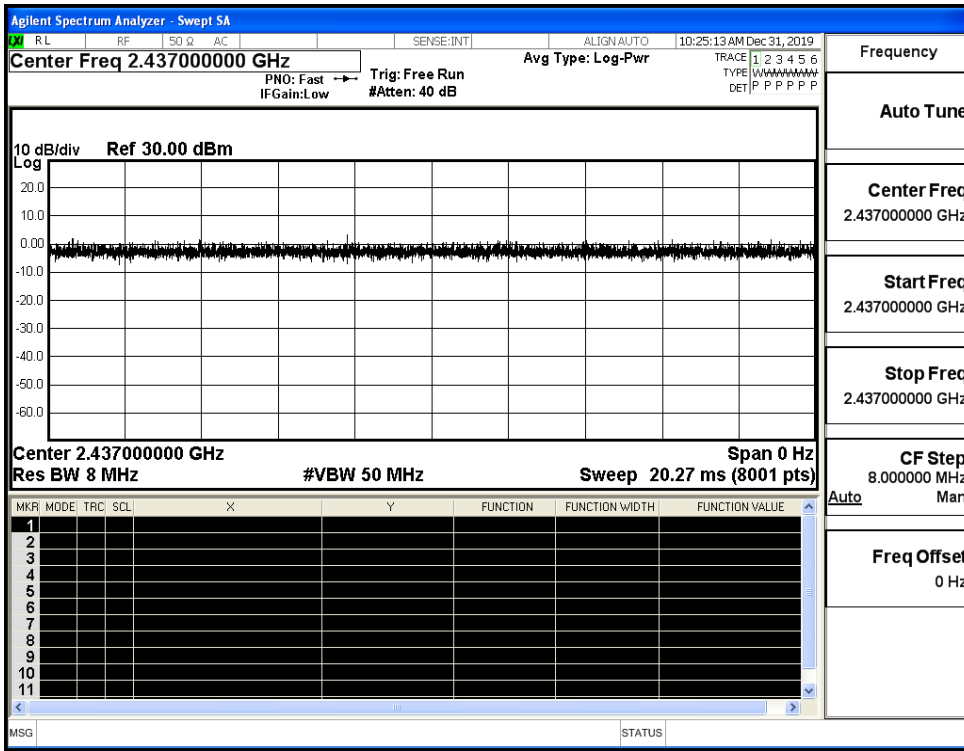
Duty Cycle\_11B\_2437\_Ant1



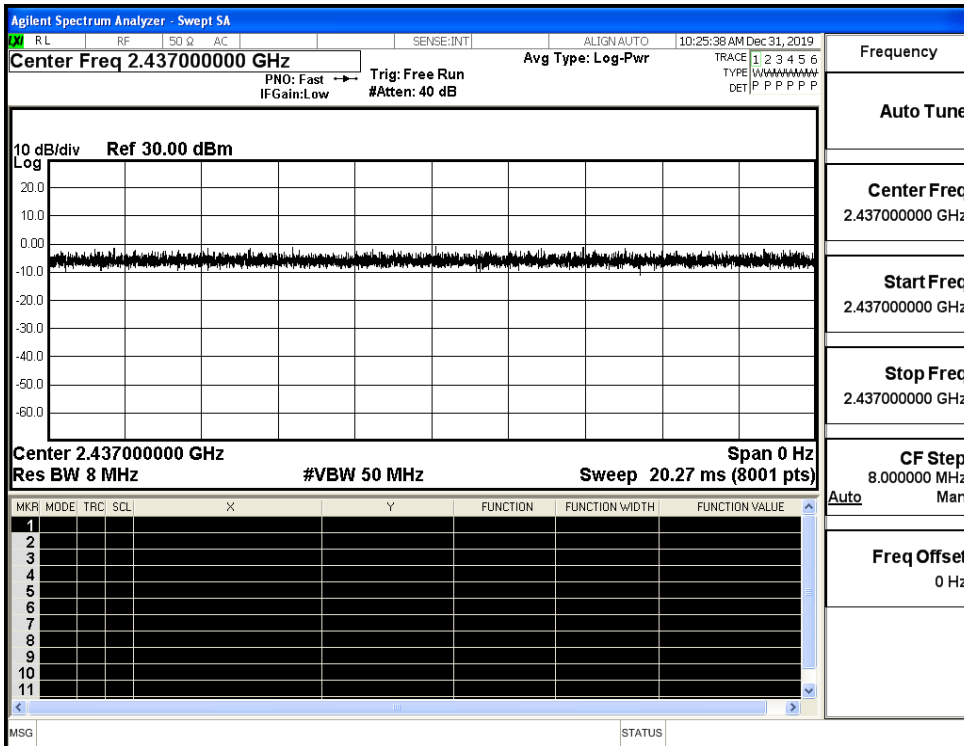
Duty Cycle\_11G\_2437\_Ant1



Duty Cycle\_11N20SISO\_2437\_Ant1



Duty Cycle\_11N40SISO\_2437\_Ant1

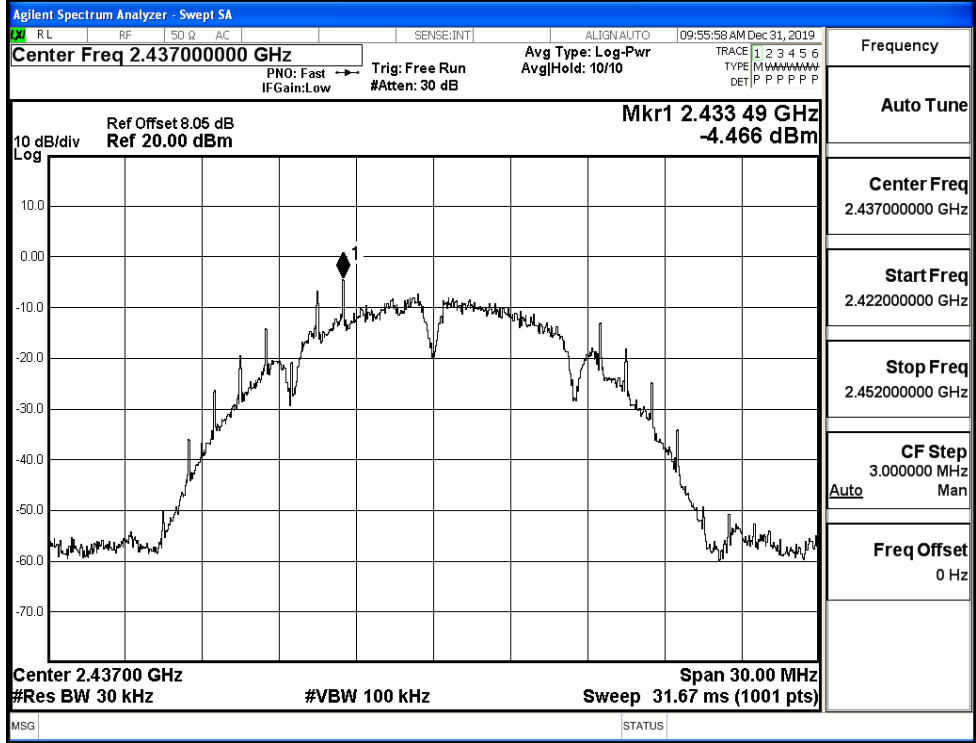


**C.2 Maximum Conducted Output Power**

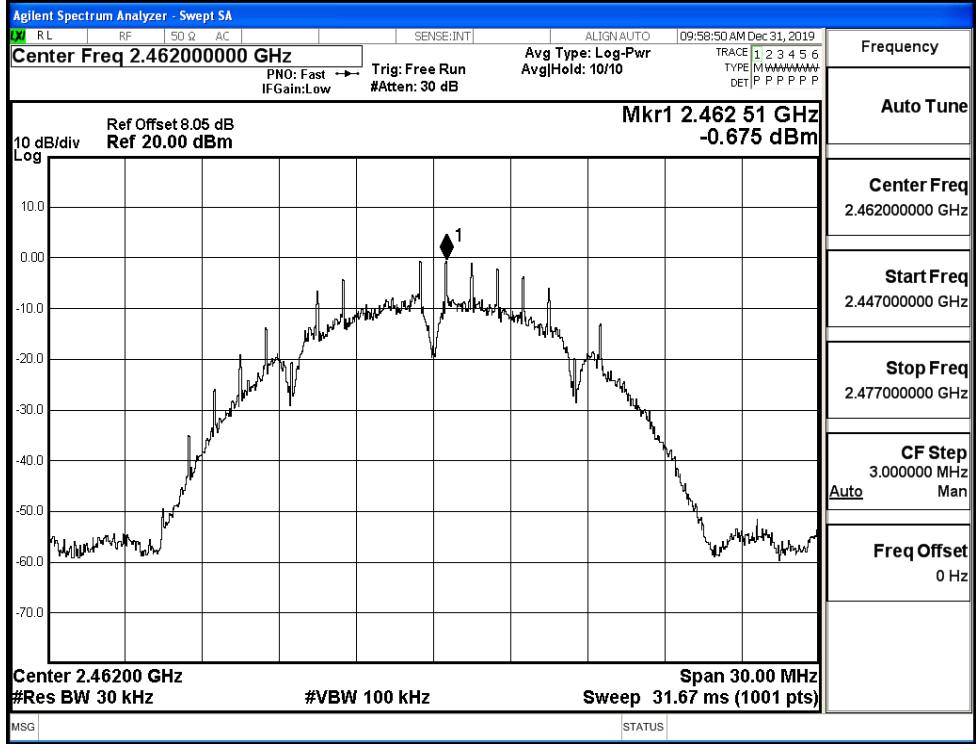
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	9.85	30	PASS
	MCH	9.86	30	PASS
	HCH	10.18	30	PASS
11G	LCH	11.07	30	PASS
	MCH	11.31	30	PASS
	HCH	11.45	30	PASS
11N20SISO	LCH	11	30	PASS
	MCH	11.23	30	PASS
	HCH	11.39	30	PASS
11N40SISO	LCH	11.43	30	PASS
	MCH	11.52	30	PASS
	HCH	11.65	30	PASS



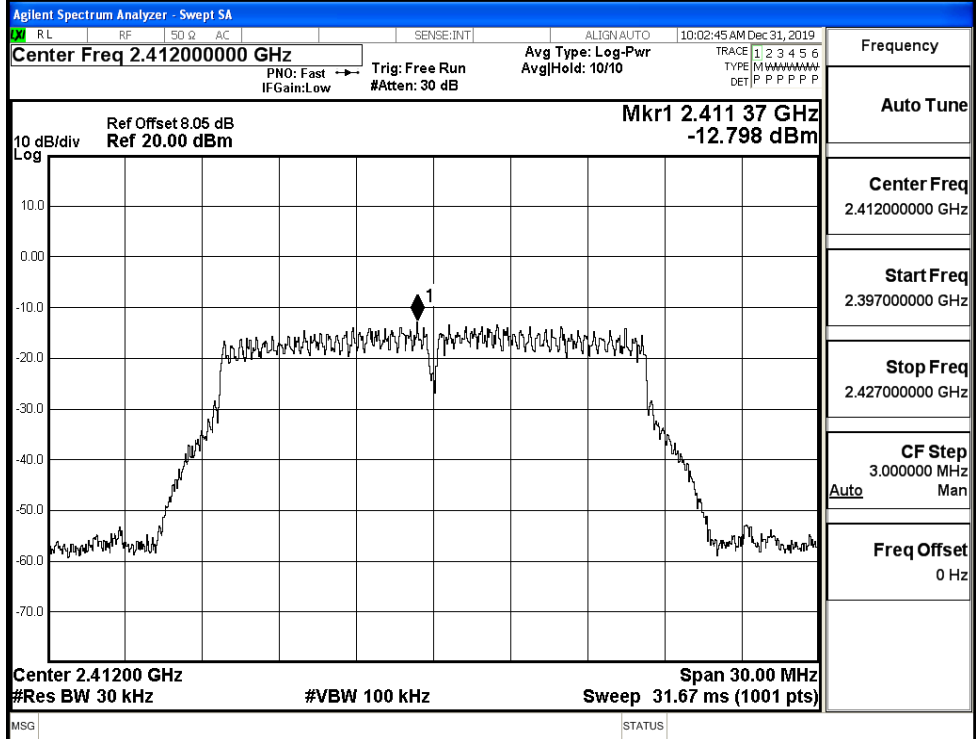
11B/MCH



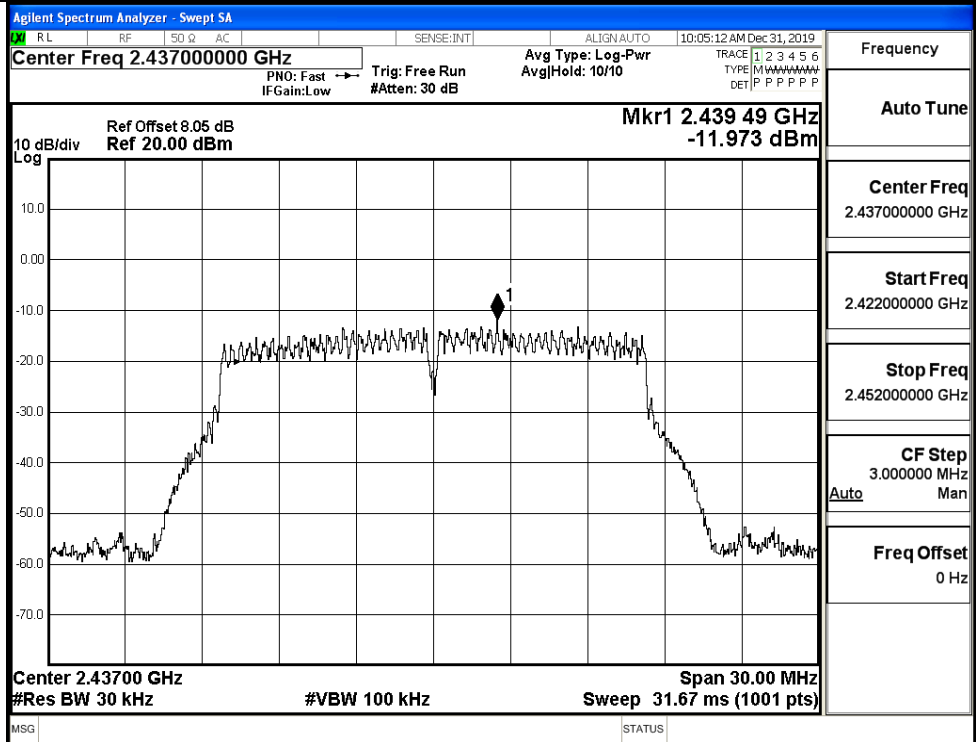
11B/HCH



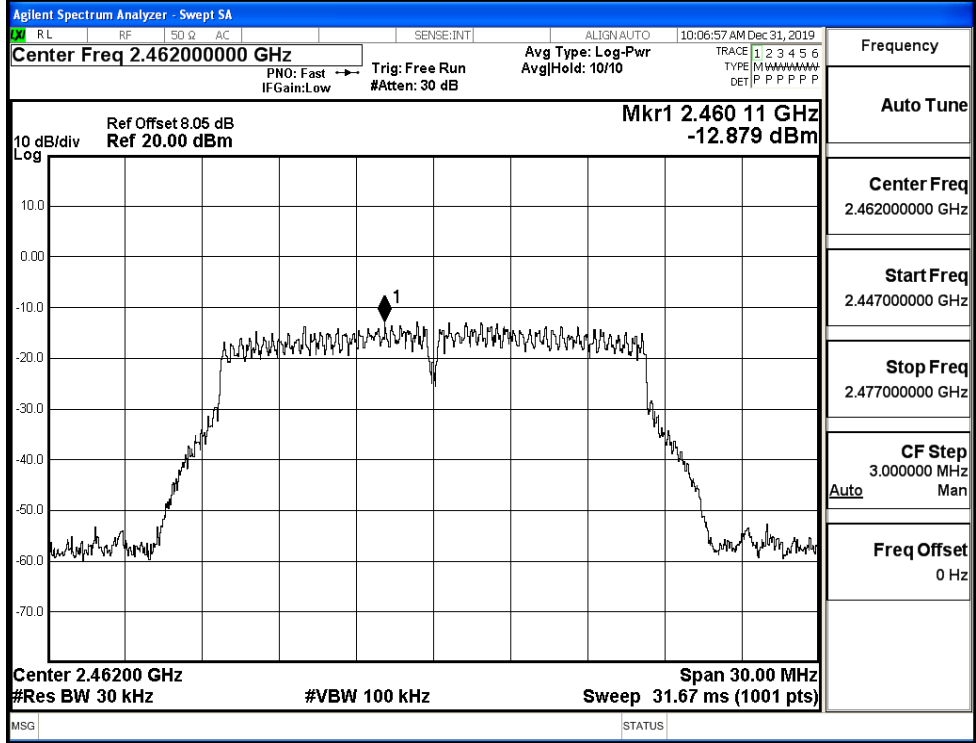
11G/LCH



11G/MCH

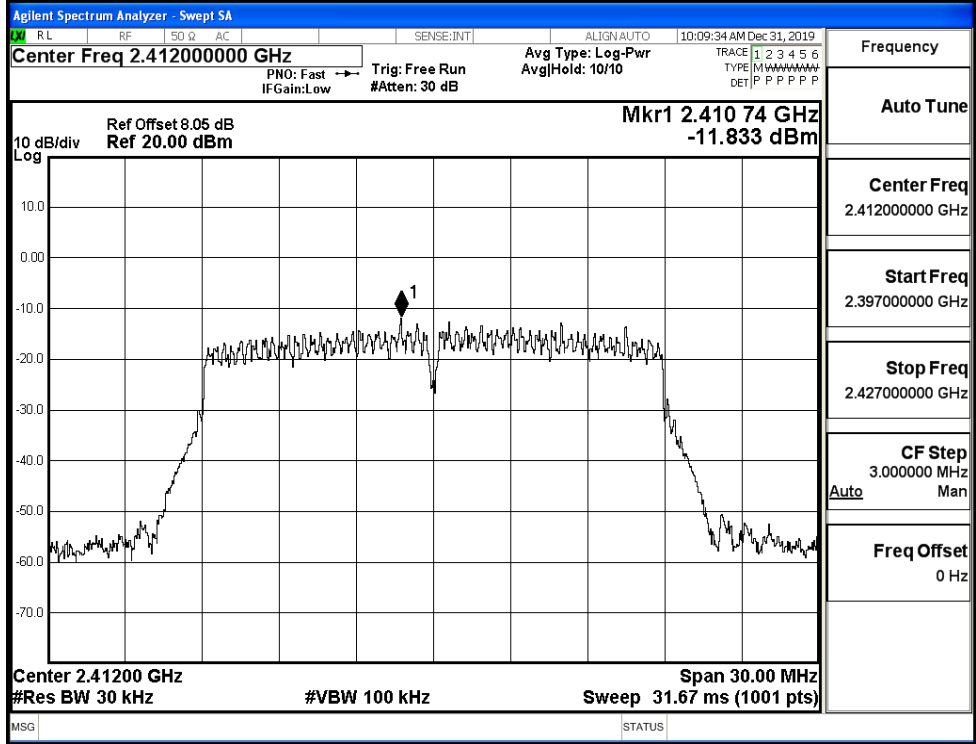


11G/HCH



Frequency	2.46200000 GHz
Auto Tune	
Center Freq	2.46200000 GHz
Start Freq	2.447000000 GHz
Stop Freq	2.477000000 GHz
CF Step	3.000000 MHz
	Auto Man
Freq Offset	0 Hz

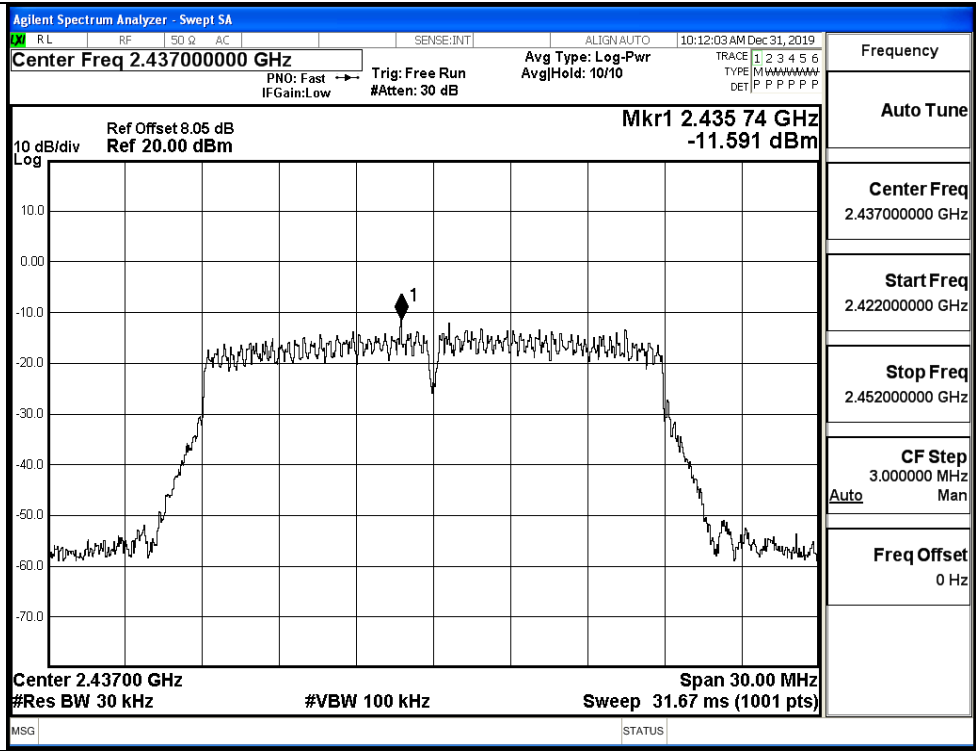
11N20SISO/LCH



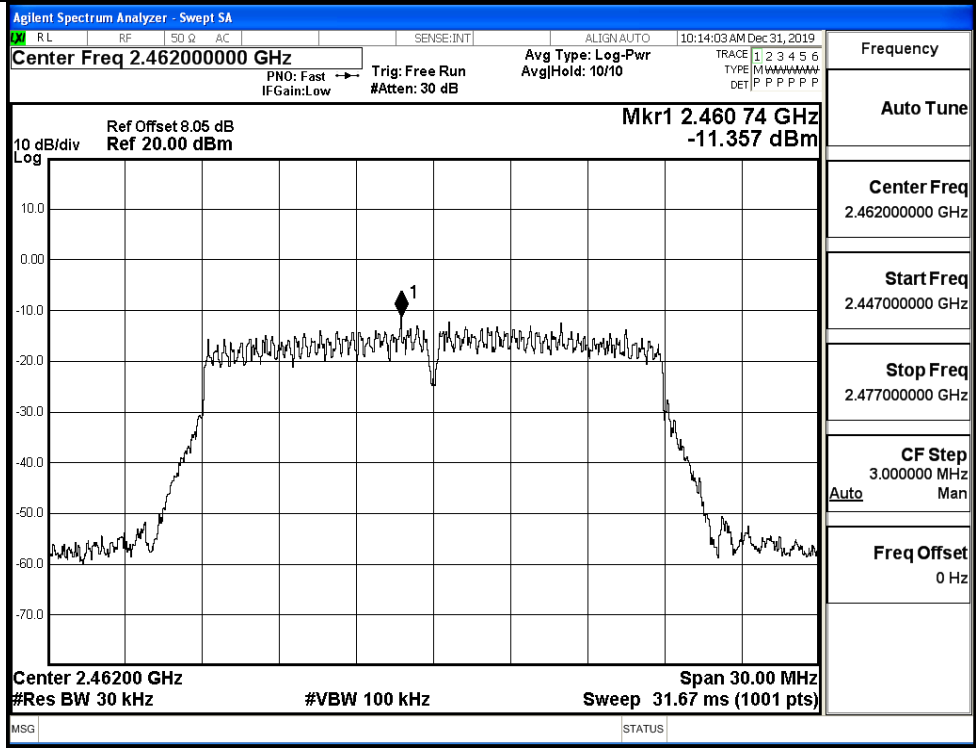
Frequency	2.41200000 GHz
Auto Tune	
Center Freq	2.412000000 GHz
Start Freq	2.397000000 GHz
Stop Freq	2.427000000 GHz
CF Step	3.000000 MHz
	Auto Man
Freq Offset	0 Hz



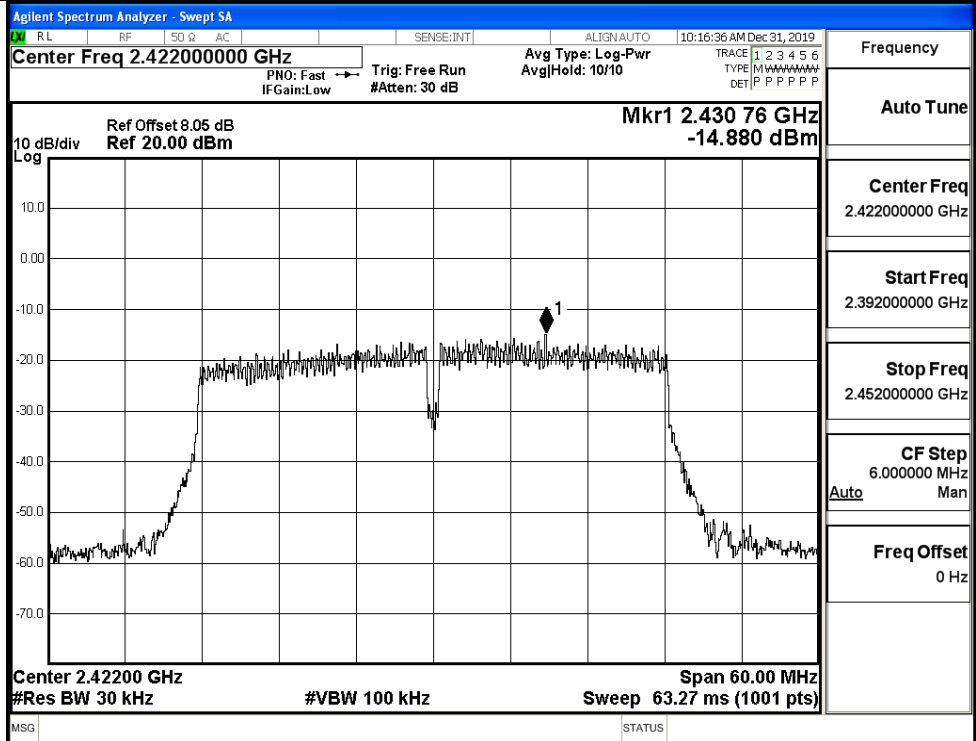
11N20SISO/MCH



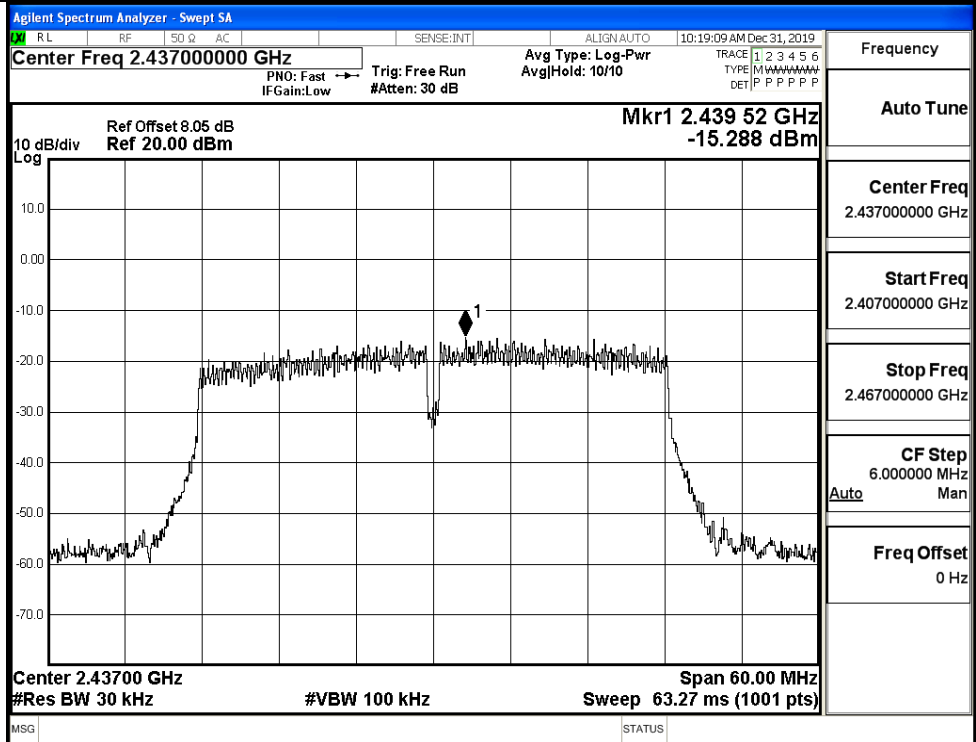
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/MCH

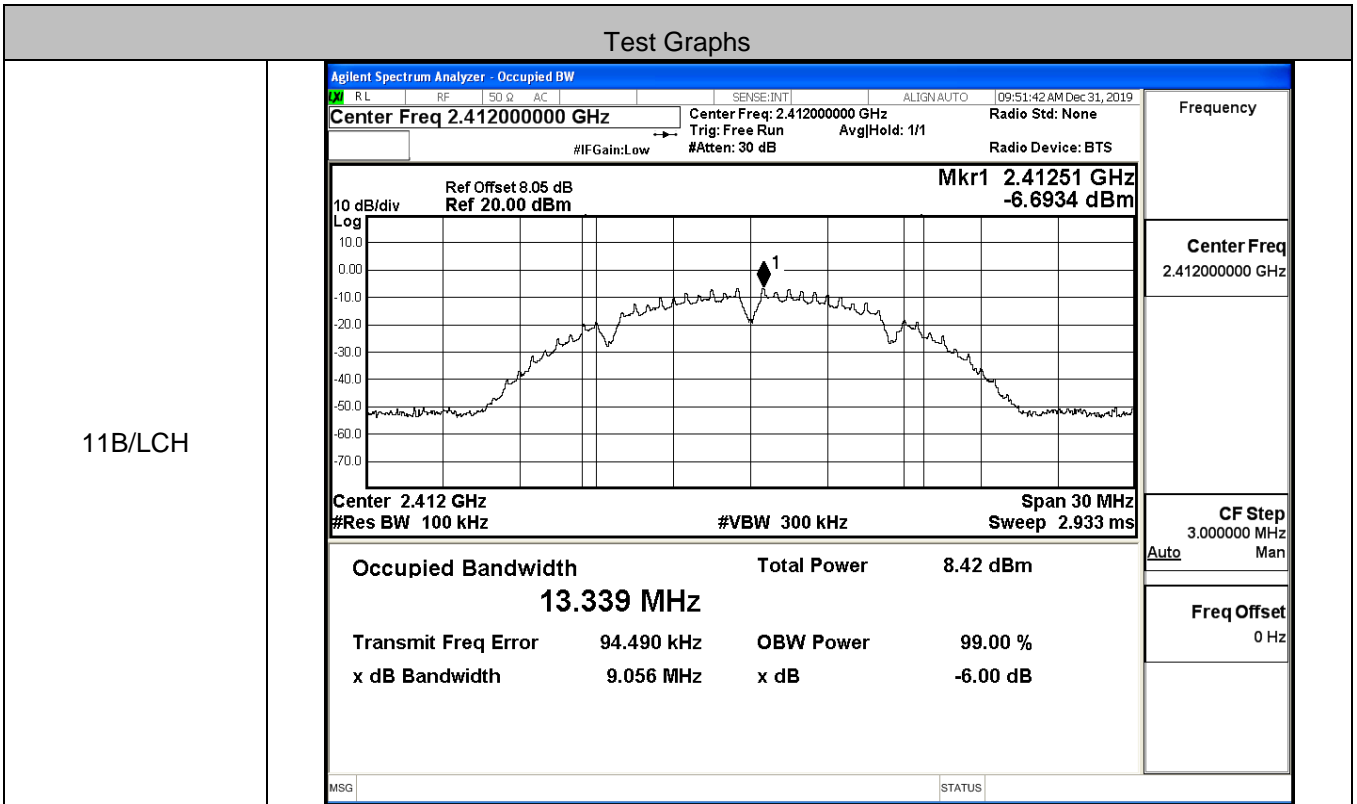




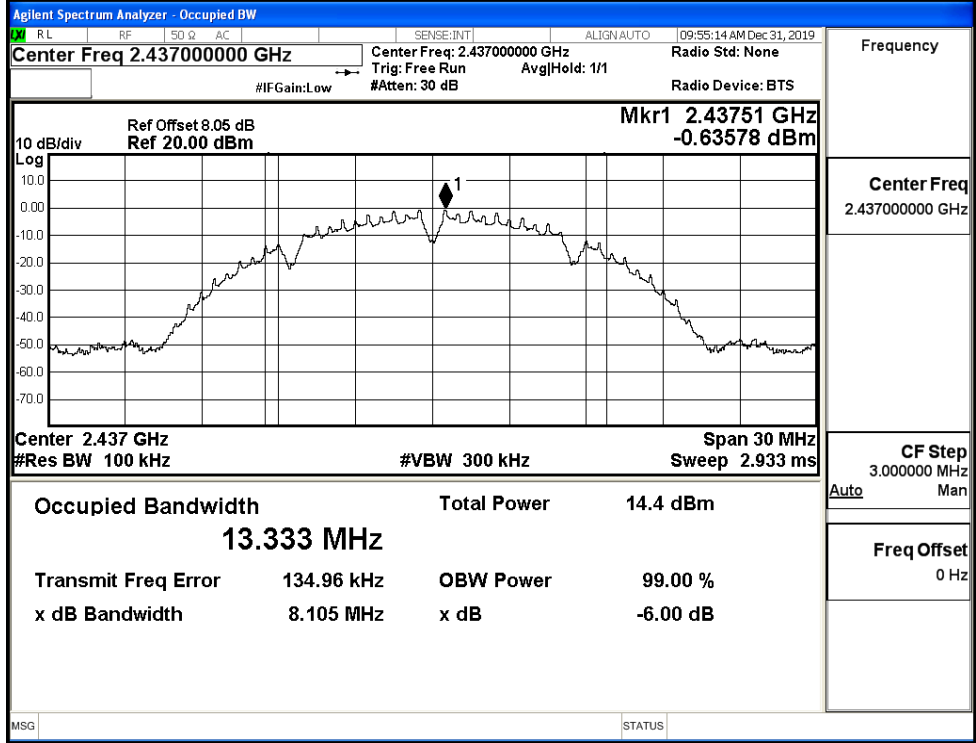
**C.4 6dB Bandwidth**

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.056	≥0.5	PASS
	MCH	8.105	≥0.5	PASS
	HCH	9.051	≥0.5	PASS
11G	LCH	15.51	≥0.5	PASS
	MCH	15.74	≥0.5	PASS
	HCH	15.74	≥0.5	PASS
11N20SISO	LCH	15.98	≥0.5	PASS
	MCH	15.96	≥0.5	PASS
	HCH	15.99	≥0.5	PASS
11N40SISO	LCH	35.46	≥0.5	PASS
	MCH	35.48	≥0.5	PASS
	HCH	35.16	≥0.5	PASS

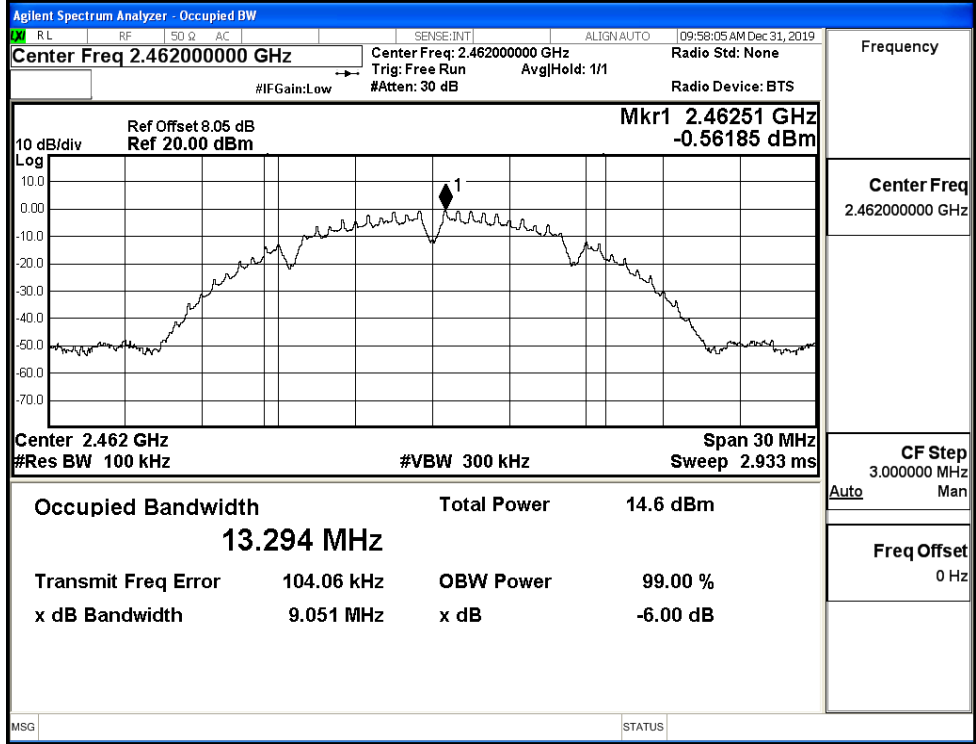
**Test Graphs**



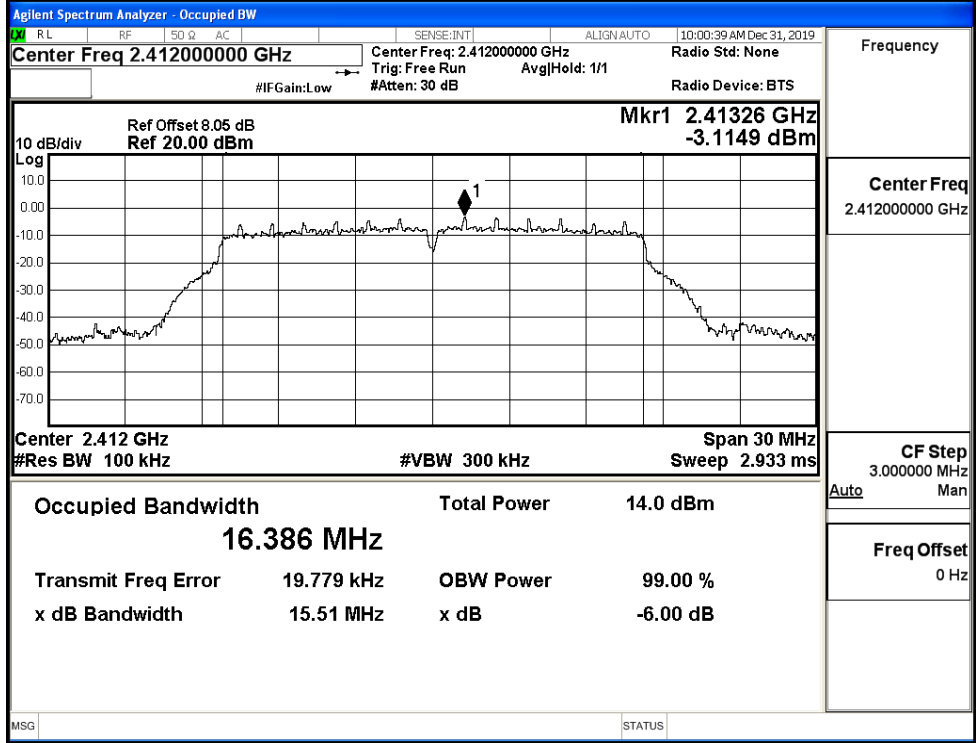
11B/MCH



11B/HCH

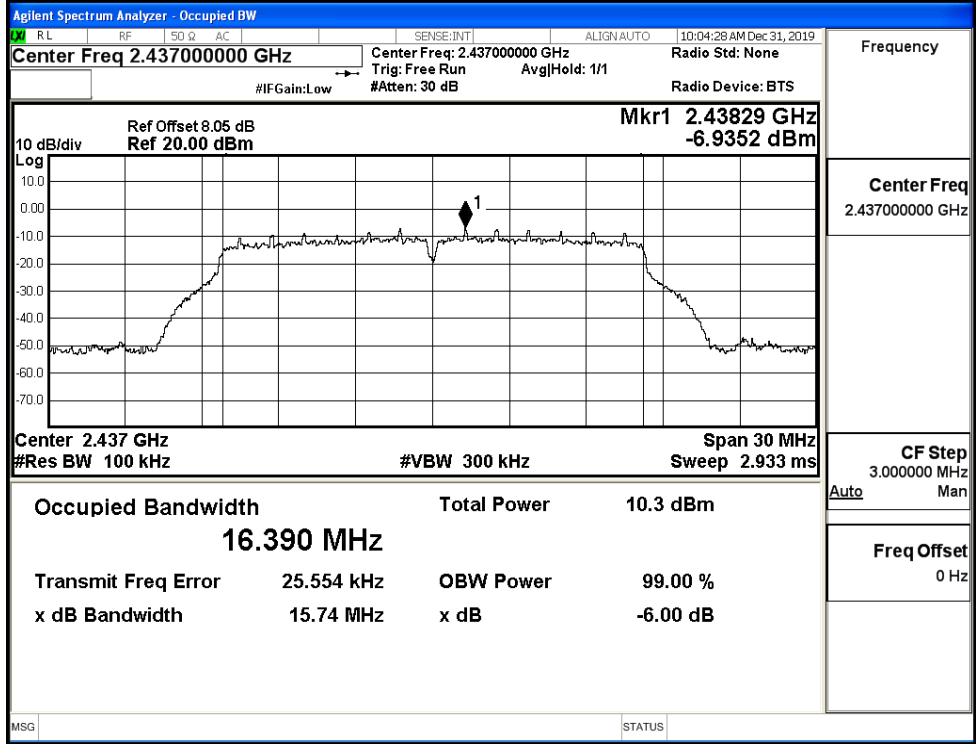


11G/LCH



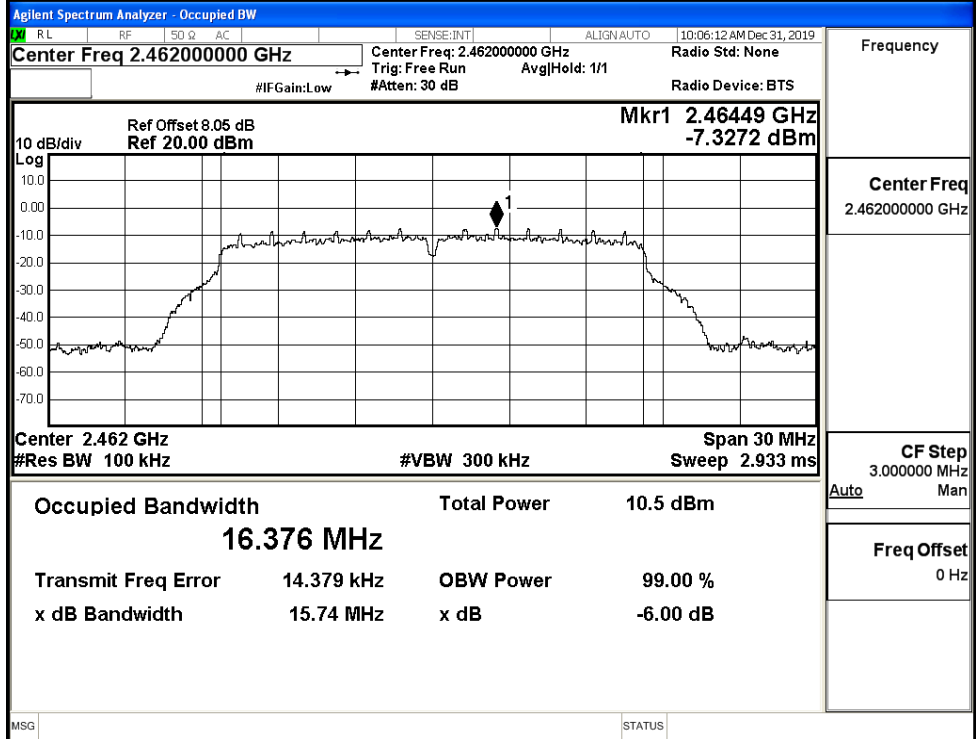
Frequency	2.41200000 GHz
Center Freq	2.41200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11G/MCH



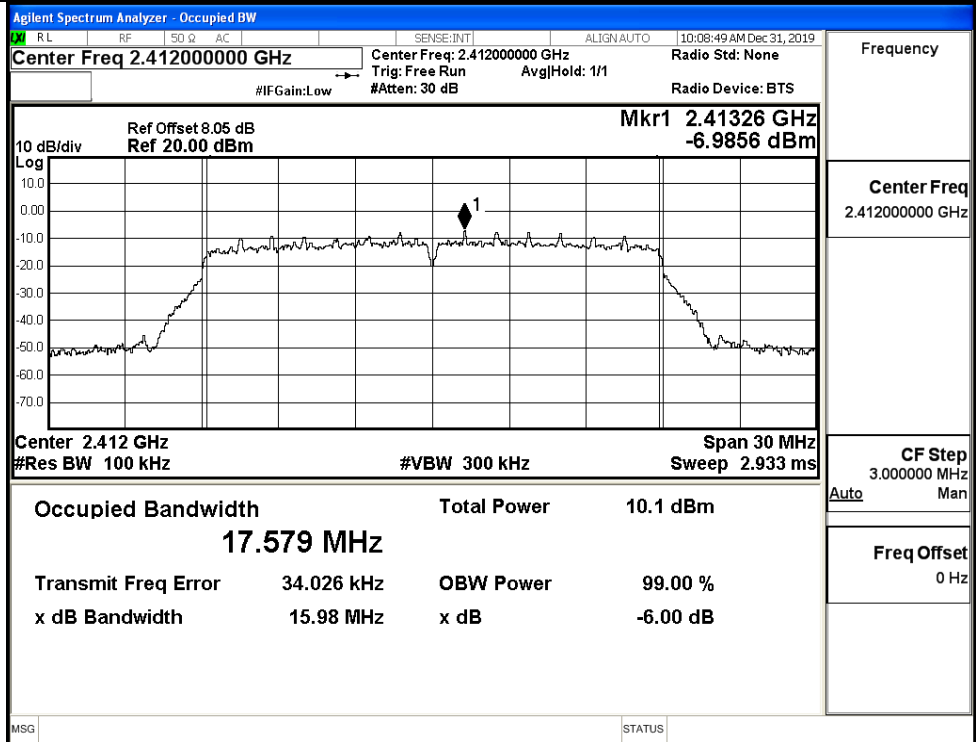
Frequency	2.43700000 GHz
Center Freq	2.43700000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11G/HCH



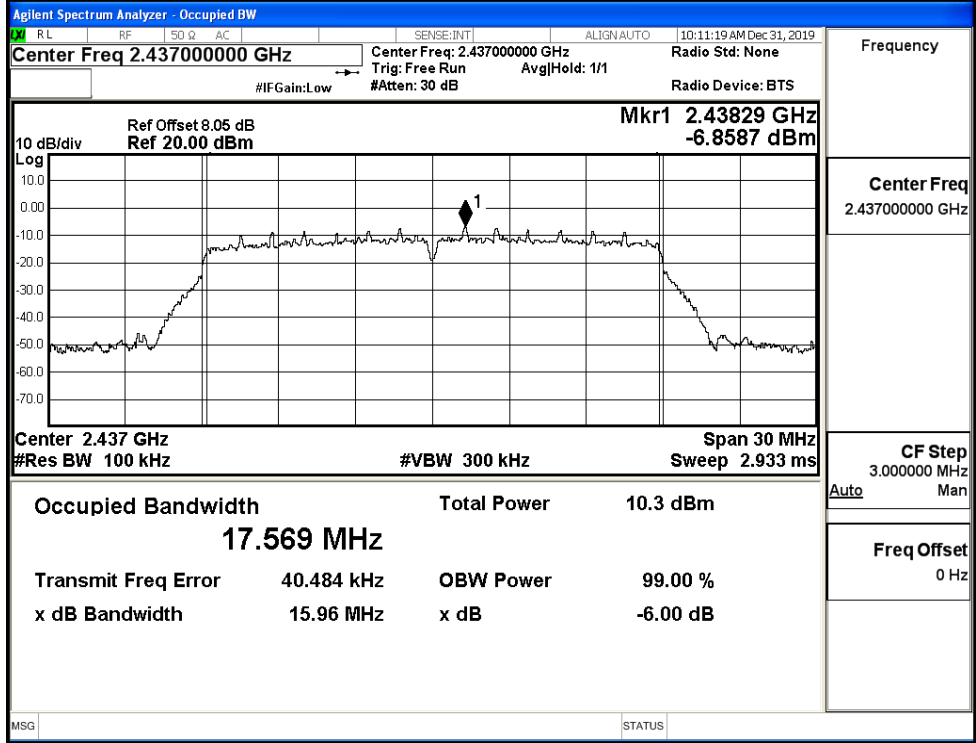
Frequency	2.46200000 GHz
Center Freq	2.46200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11N20SISO/LCH

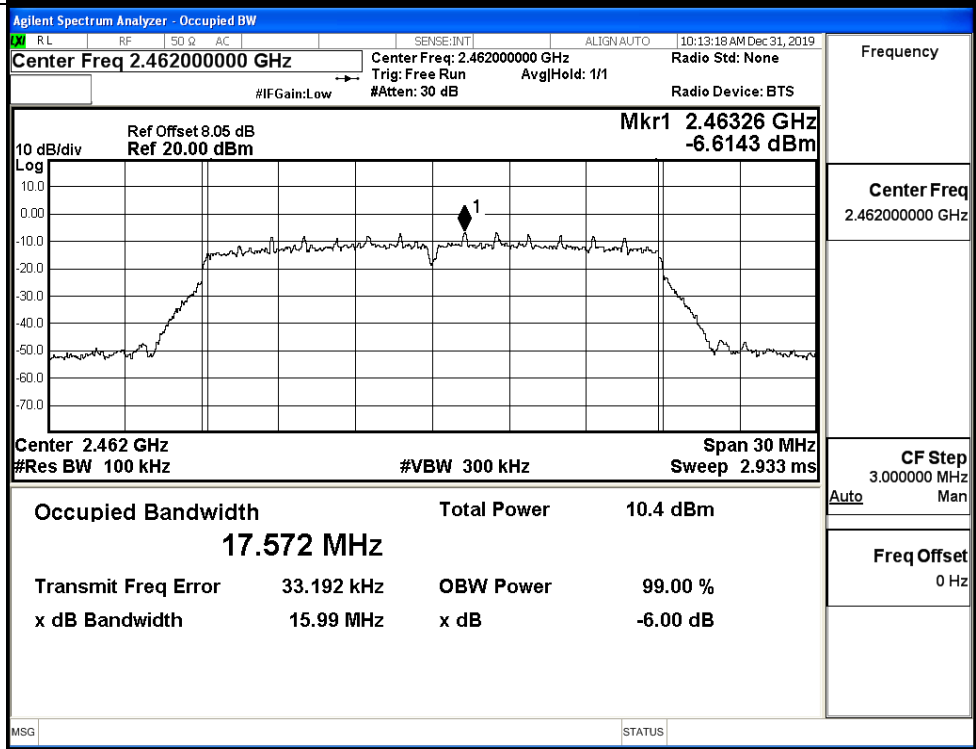


Frequency	2.41200000 GHz
Center Freq	2.41200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11N20SISO/MCH

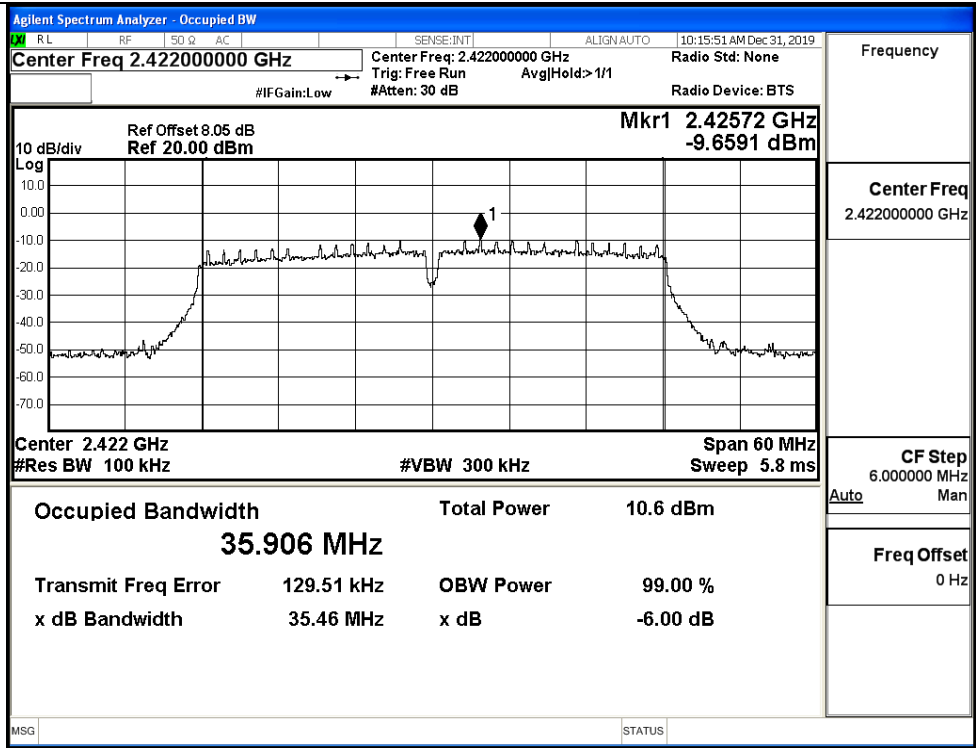


11N20SISO/HCH

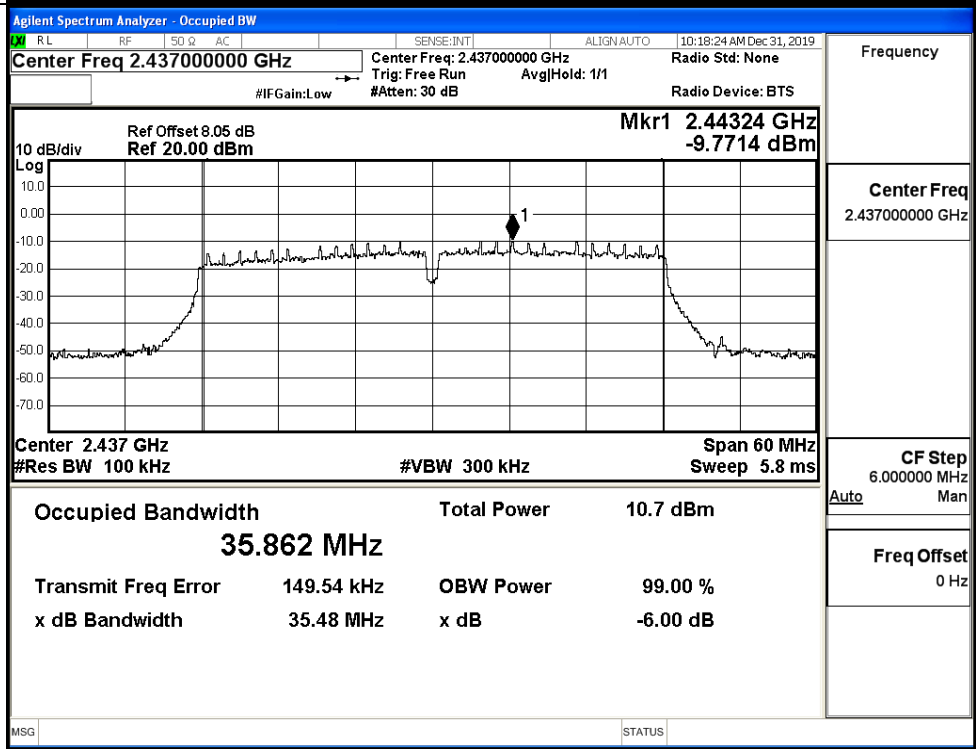




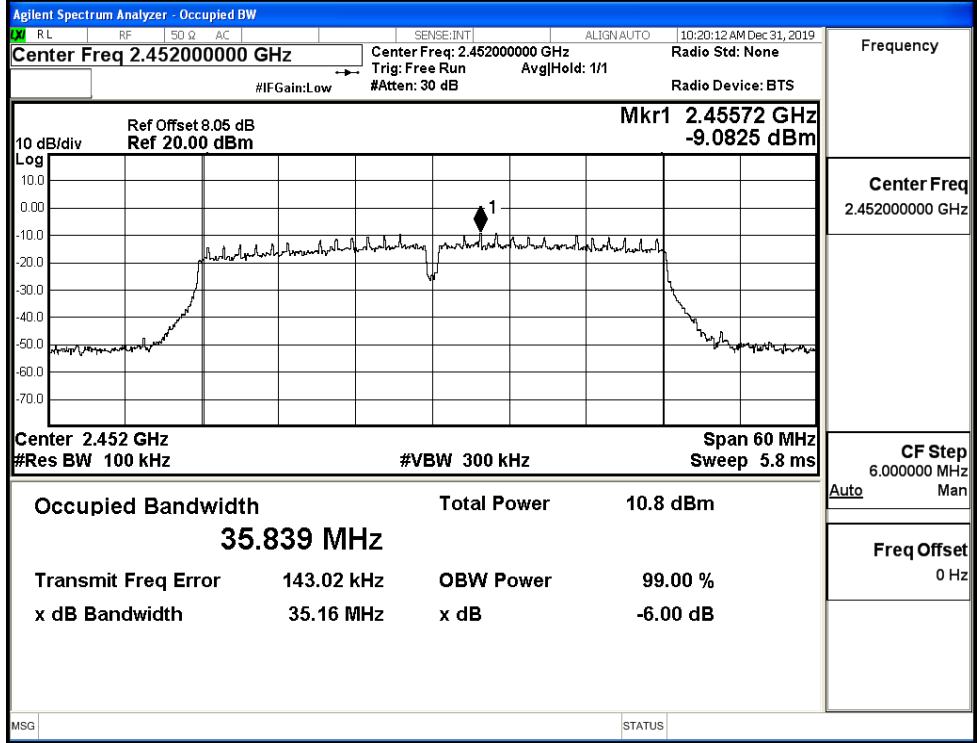
11N40SISO/LCH



11N40SISO/MCH



11N40SISO/HCH

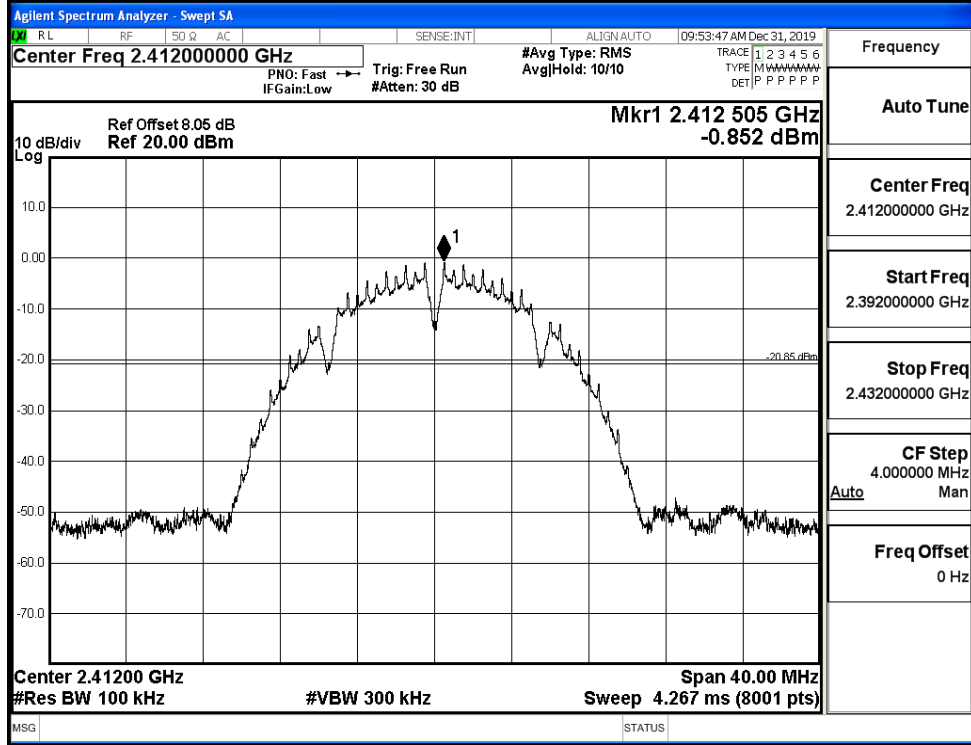


**C.5 RF Conducted Spurious Emissions**

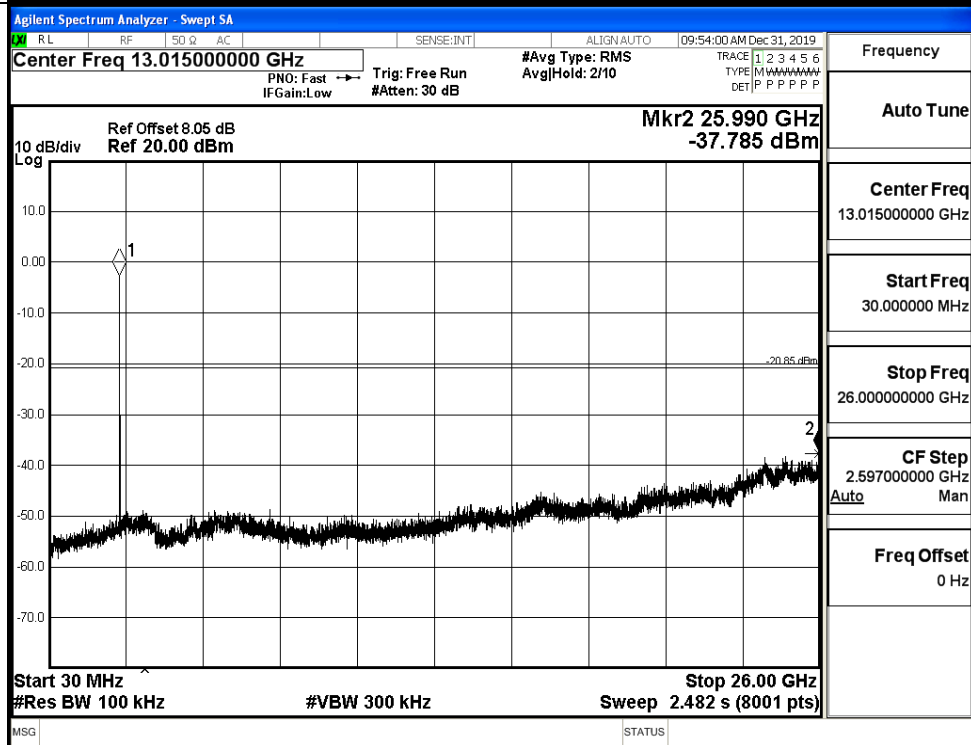
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.852	-37.785	-20.852	PASS
	MCH	-0.772	-38.559	-20.772	PASS
	HCH	-2.119	-37.420	-22.119	PASS
11G	LCH	-7.202	-37.874	-27.202	PASS
	MCH	-6.976	-36.574	-26.976	PASS
	HCH	-6.839	-37.668	-26.839	PASS
11N20 SISO	LCH	-8.919	-37.728	-28.919	PASS
	MCH	-7.354	-37.447	-27.354	PASS
	HCH	-7.358	-38.440	-27.358	PASS
11N40 SISO	LCH	-9.826	-37.717	-29.826	PASS
	MCH	-9.909	-37.348	-29.909	PASS
	HCH	-9.662	-38.127	-29.662	PASS

11B\_LCH\_Graphs

Pref/11B/LCH

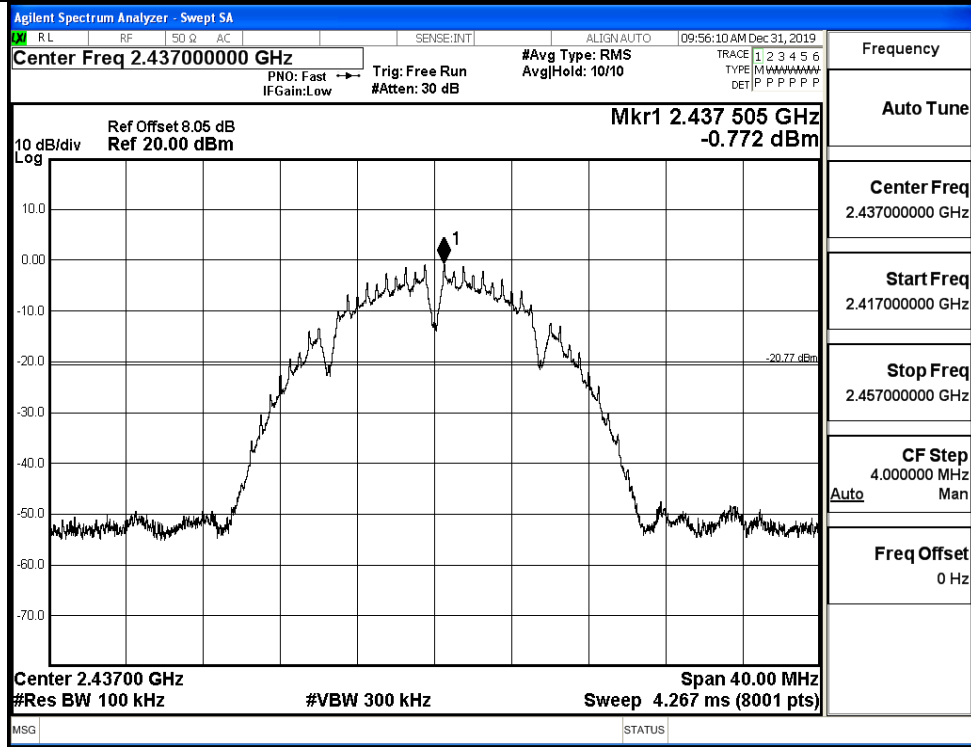


Puw/11B/LCH

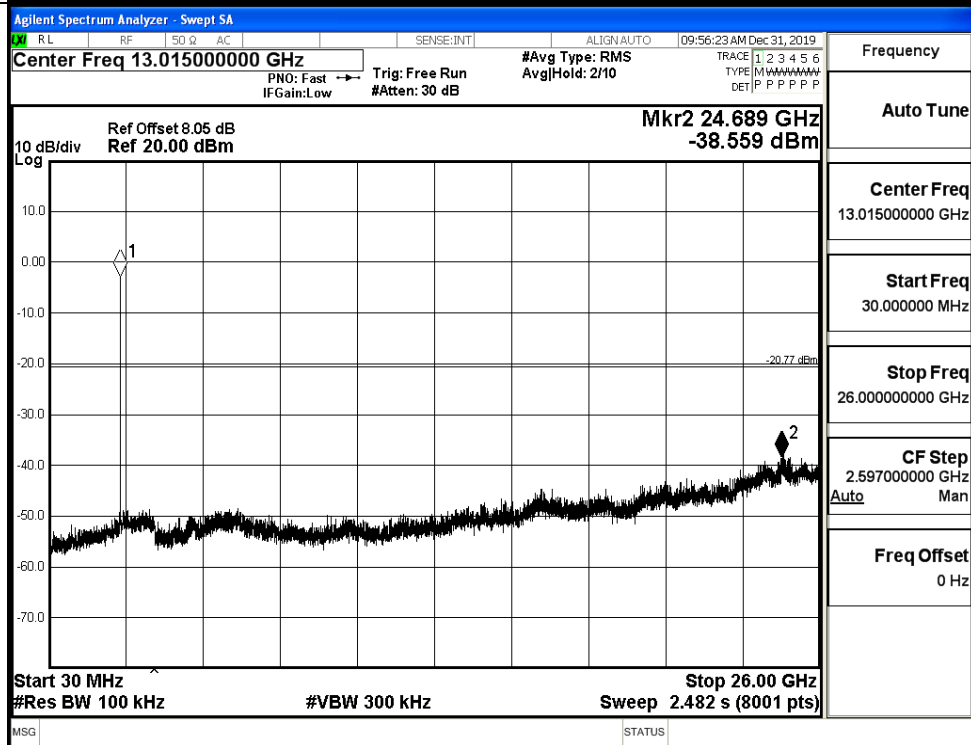


11B\_MCH\_Graphs

Pref/11B/MCH

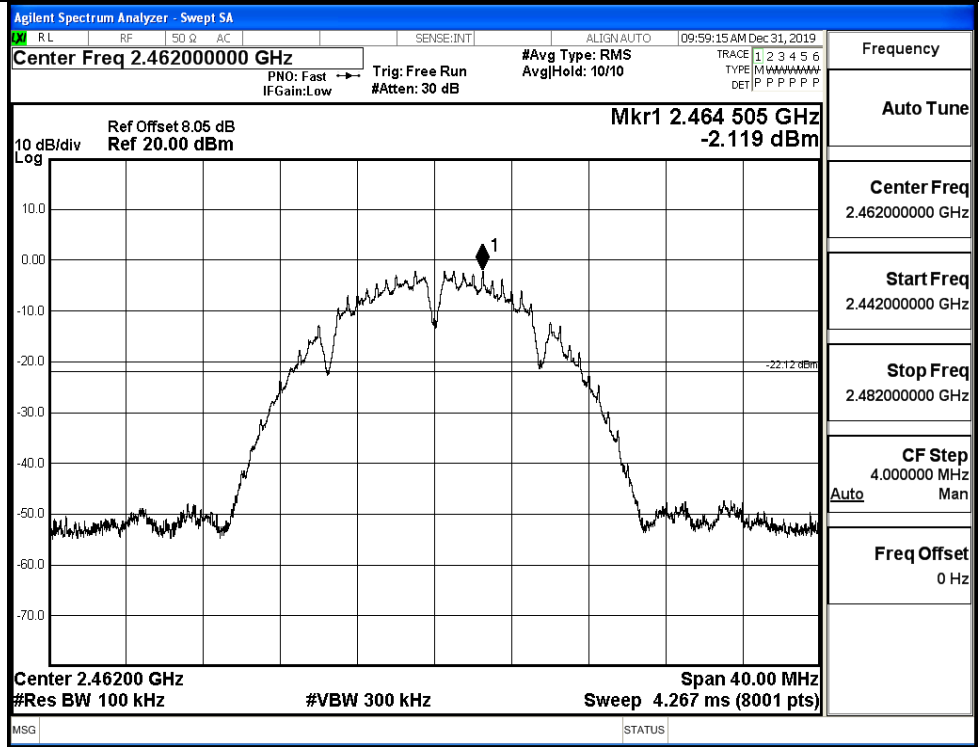


Puw/11B/MCH

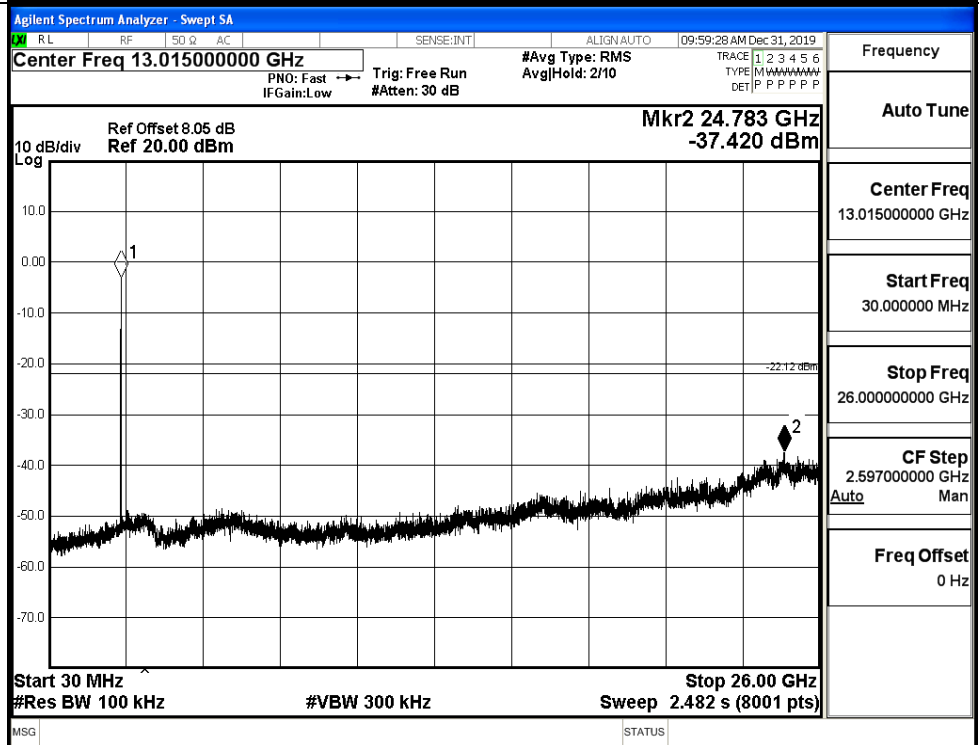


11B\_HCH\_Graphs

Pref/11B/HCH

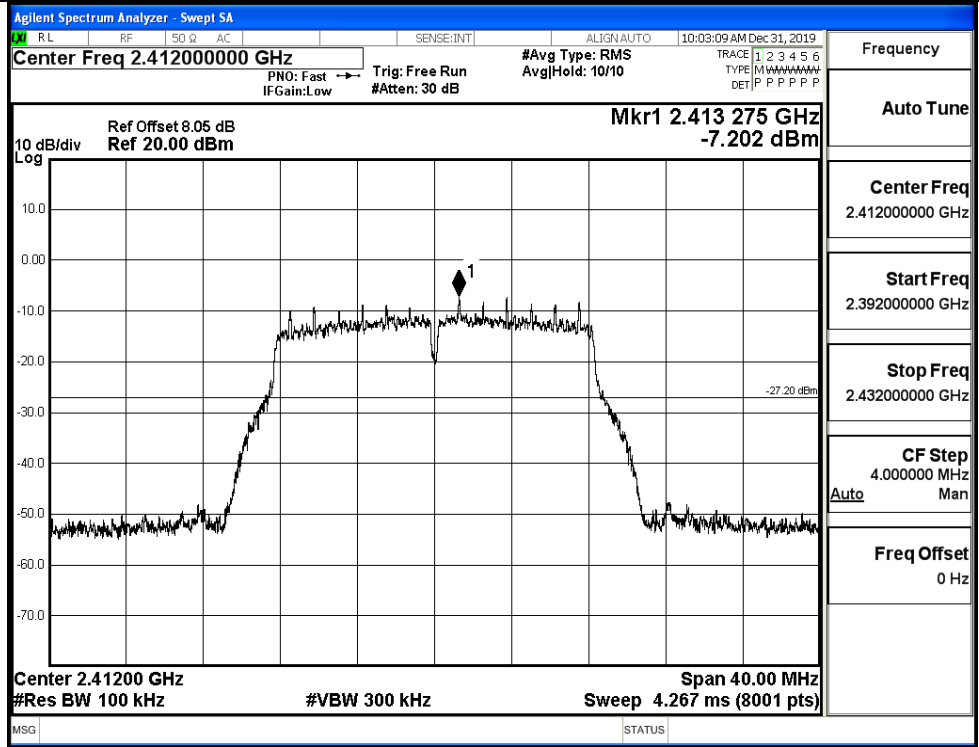


Puw/11B/HCH

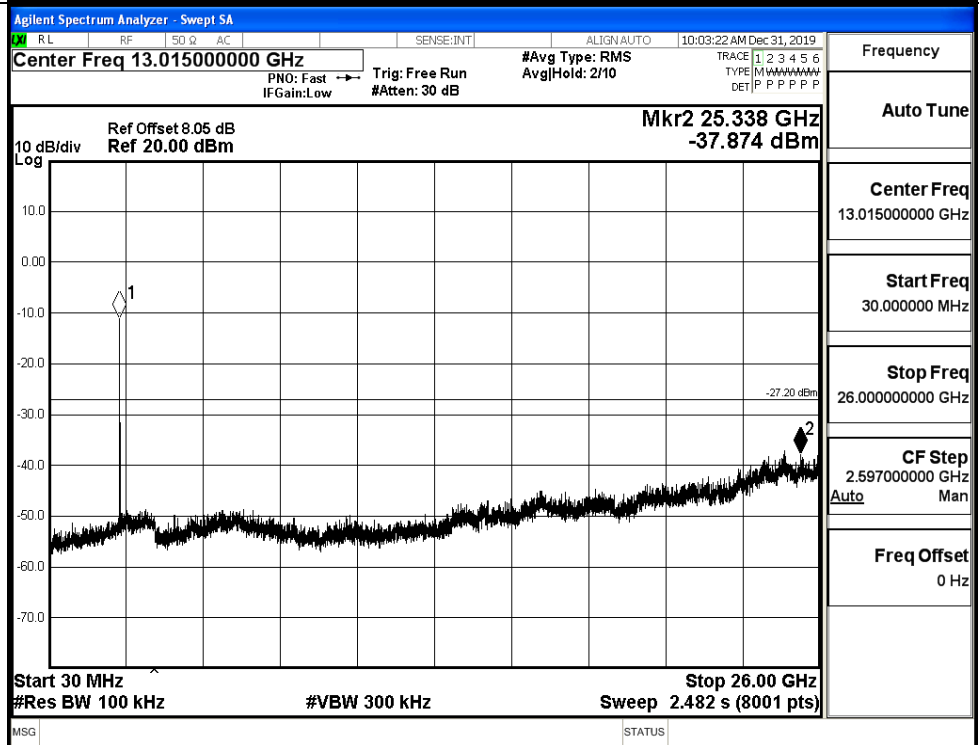


11G\_LCH\_Graphs

Pref/11G/LCH

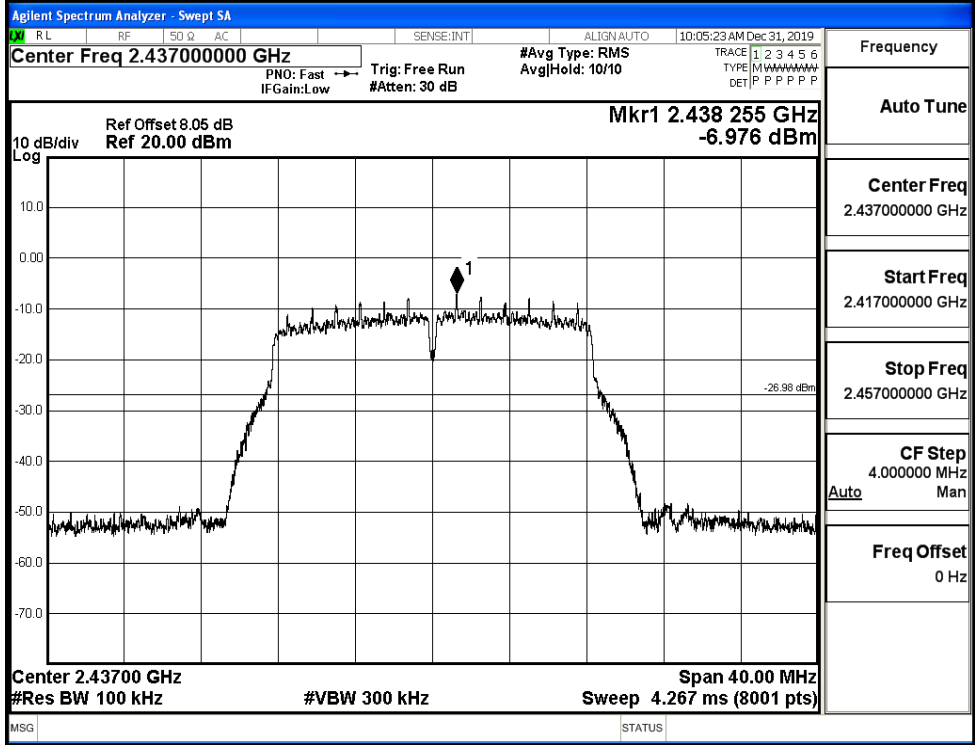


Puw/11G/LCH

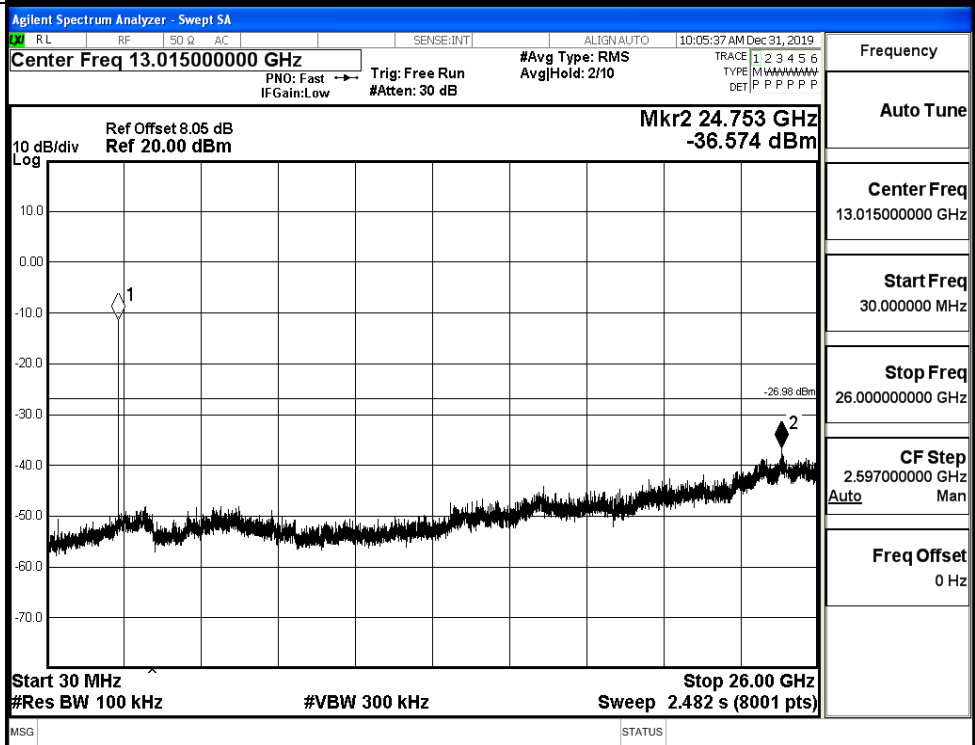


11G\_MCH\_Graphs

Pref/11G/MCH



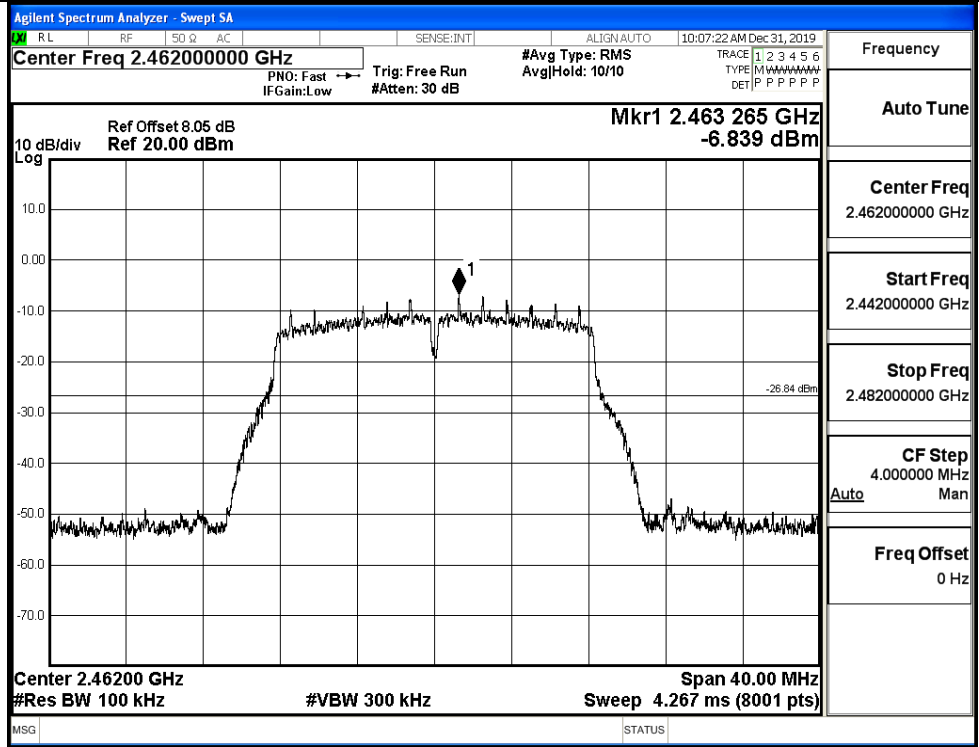
Puw/11G/MCH



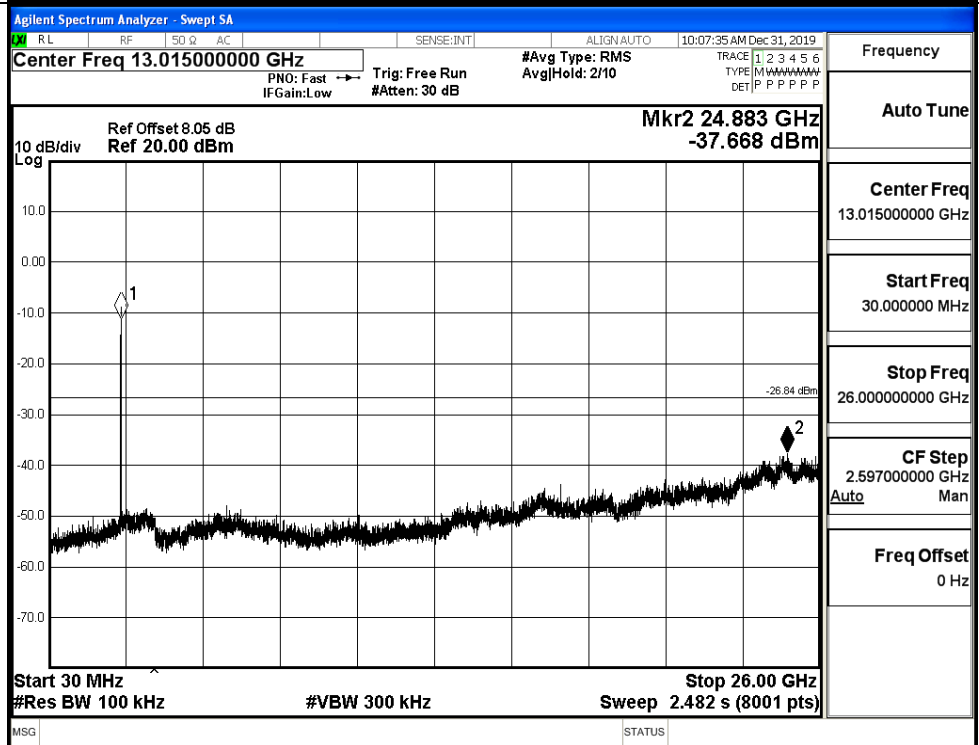


11G\_HCH\_Graphs

Pref/11G/HCH

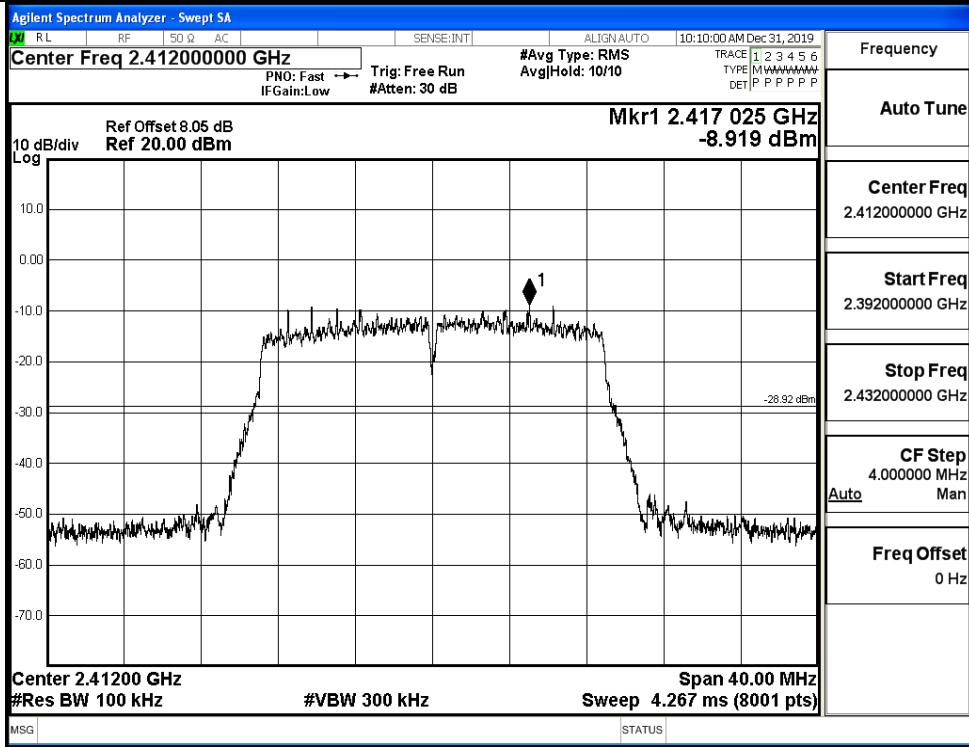


Puw/11G/HCH

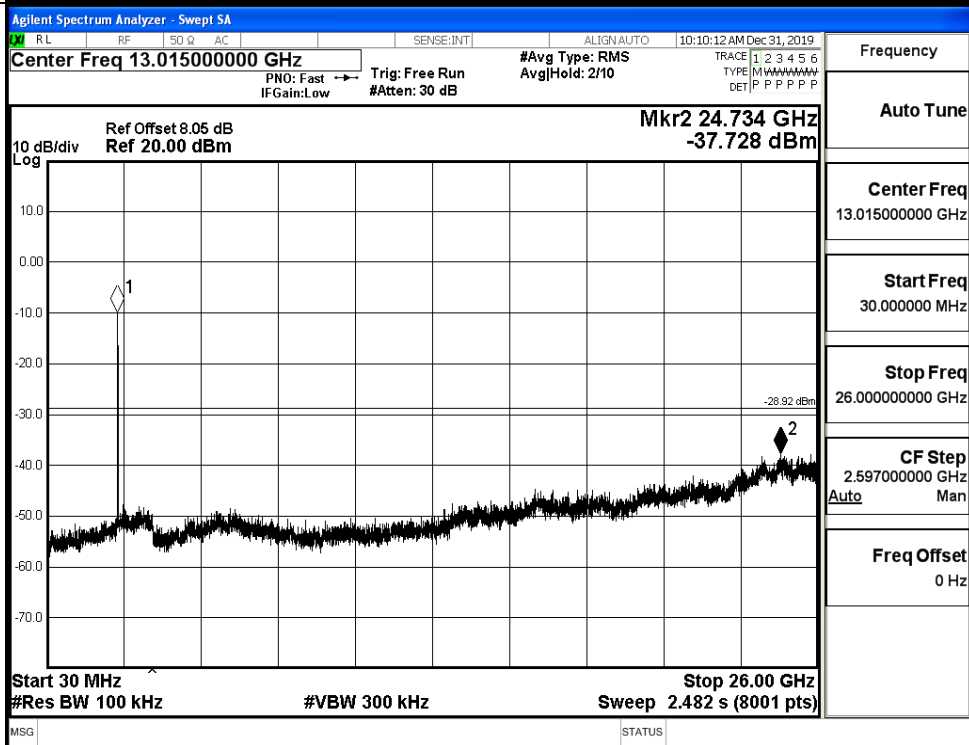


11N20SISO\_LCH\_Graphs

Pref/11N20SIS  
O/LCH

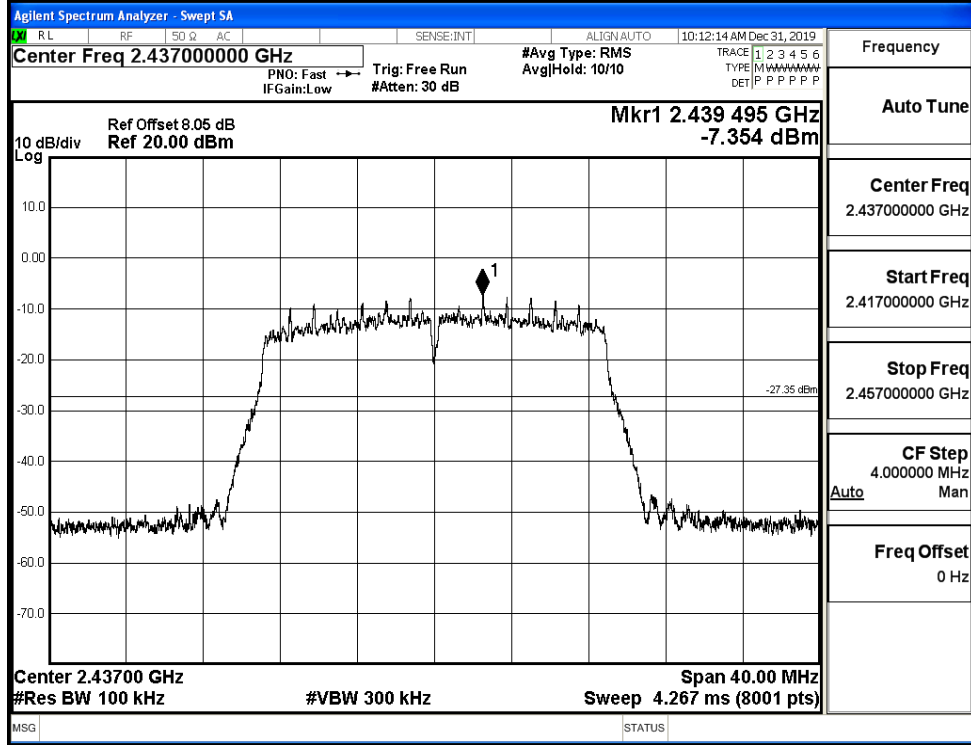


Puw/11N20  
SISO/LCH

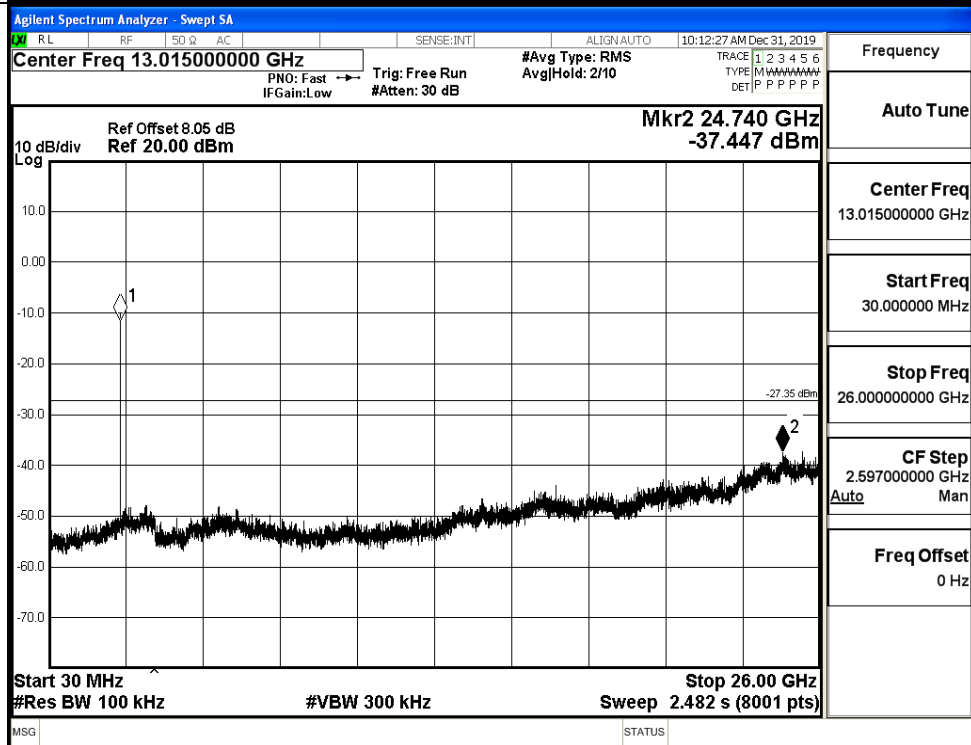


11N20SISO\_MCH\_Graphs

Pref/11N20  
SISO/MCH

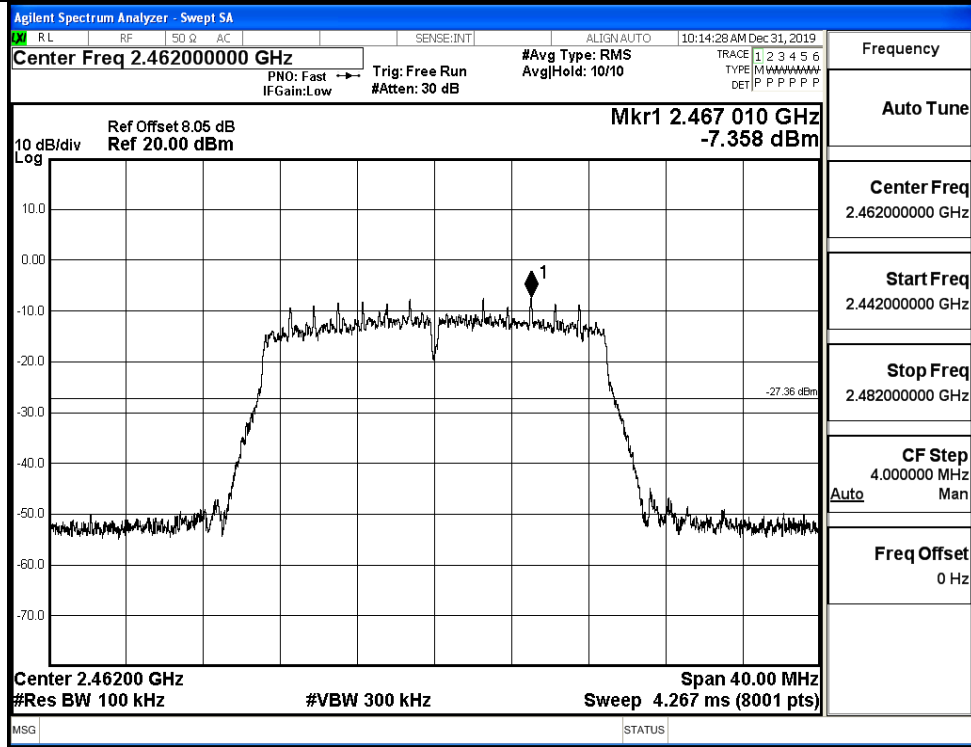


Puw/11N20  
SISO/MCH

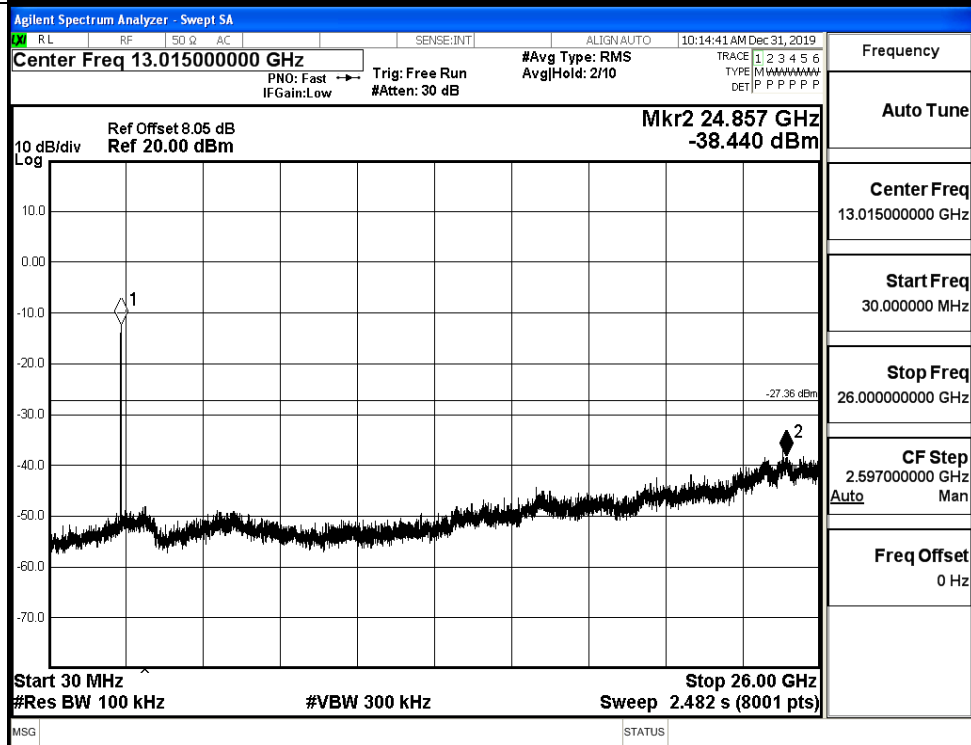


11N20SISO\_HCH\_Graphs

Pref/11N20  
SISO/HCH

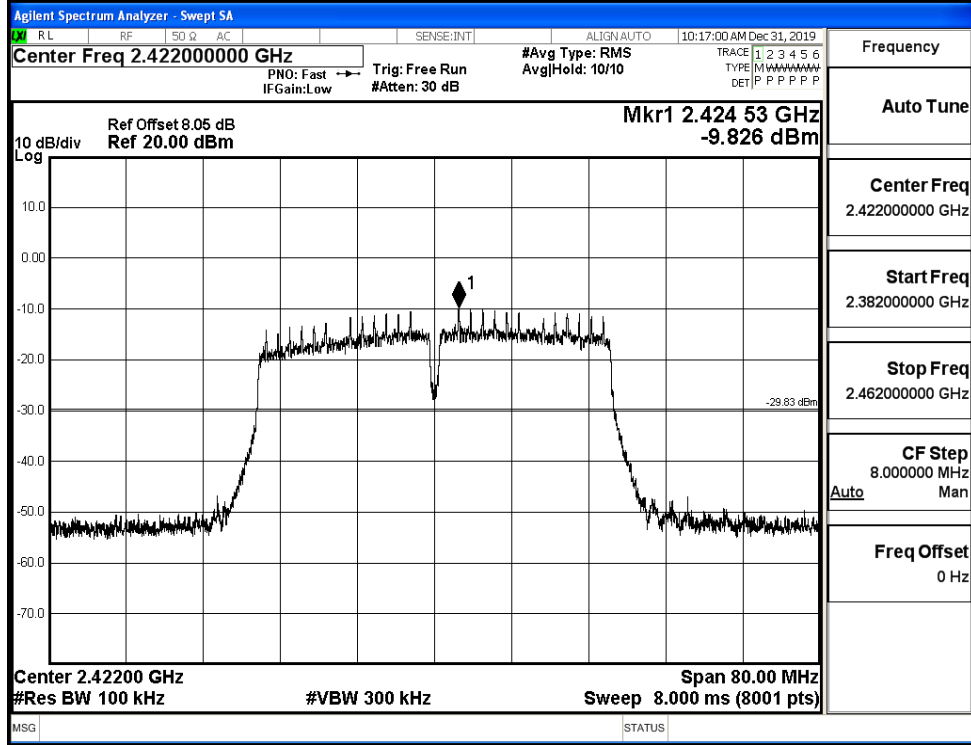


Puw/11N20  
SISO/HCH

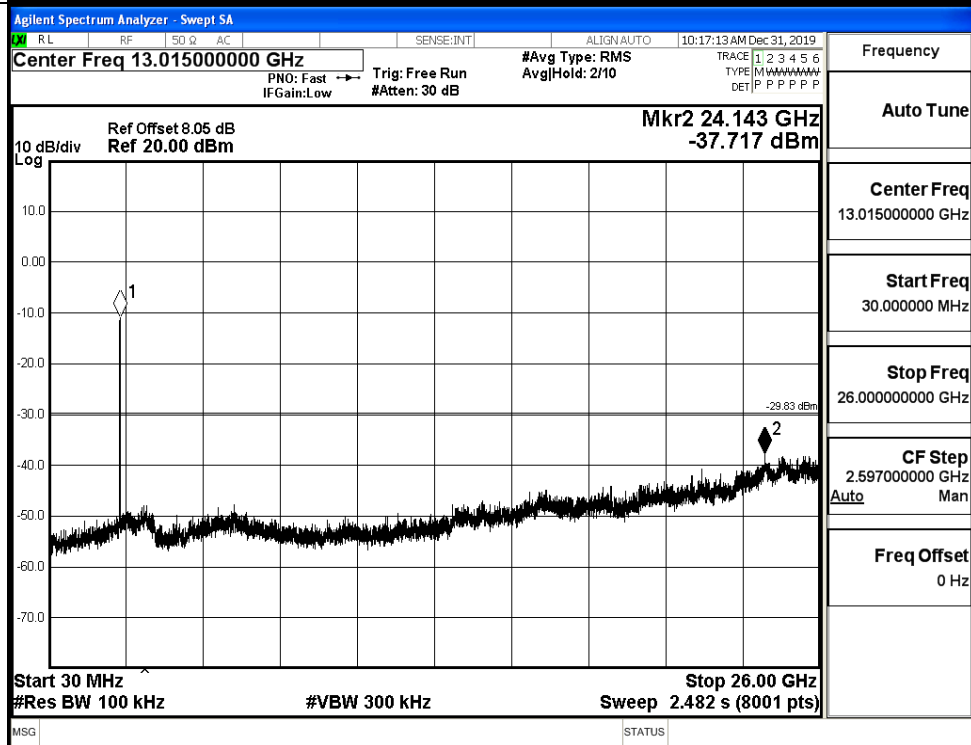


11N40SISO\_LCH\_Graphs

Pref/11N40  
SISO/LCH

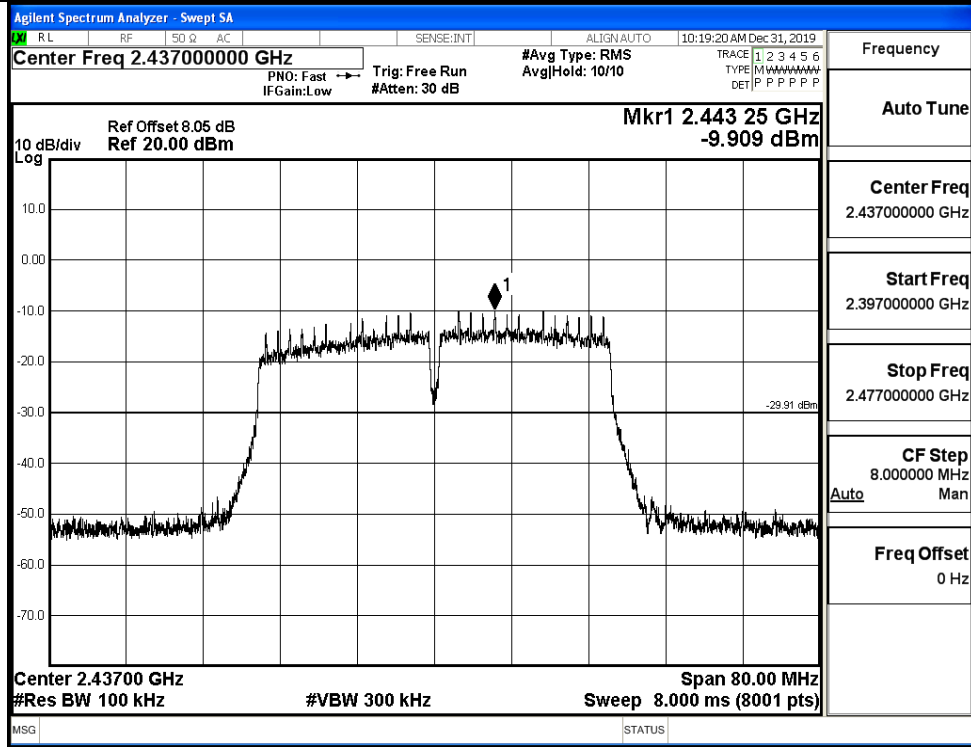


Puw/11N40  
SISO/LCH

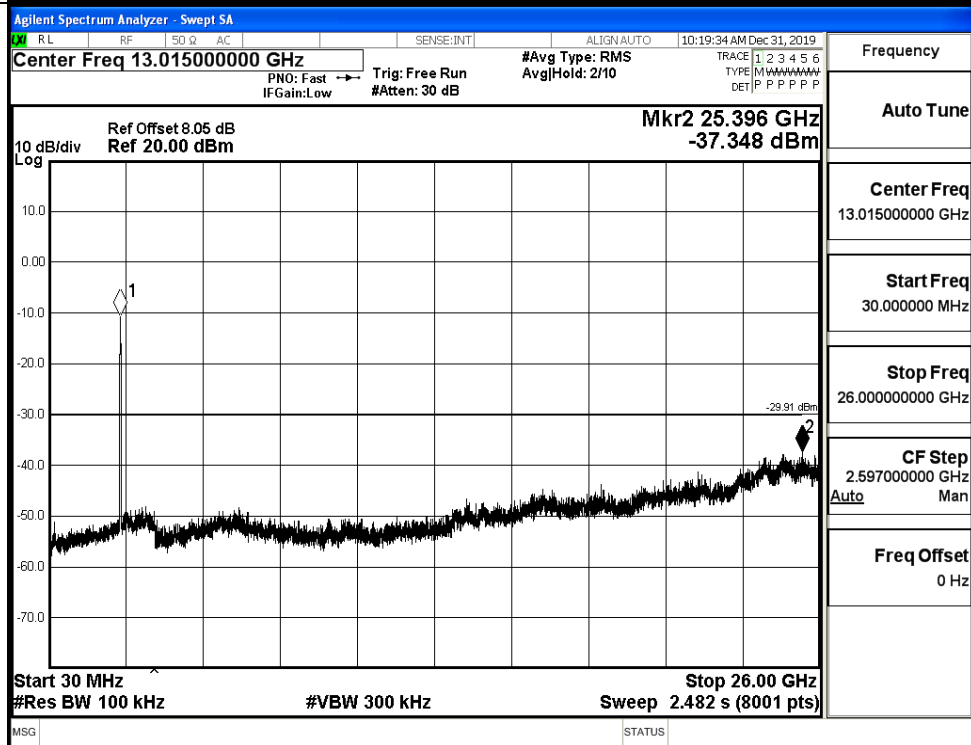


11N40SISO\_MCH\_Graphs

Pref/11N40  
SISO/MCH

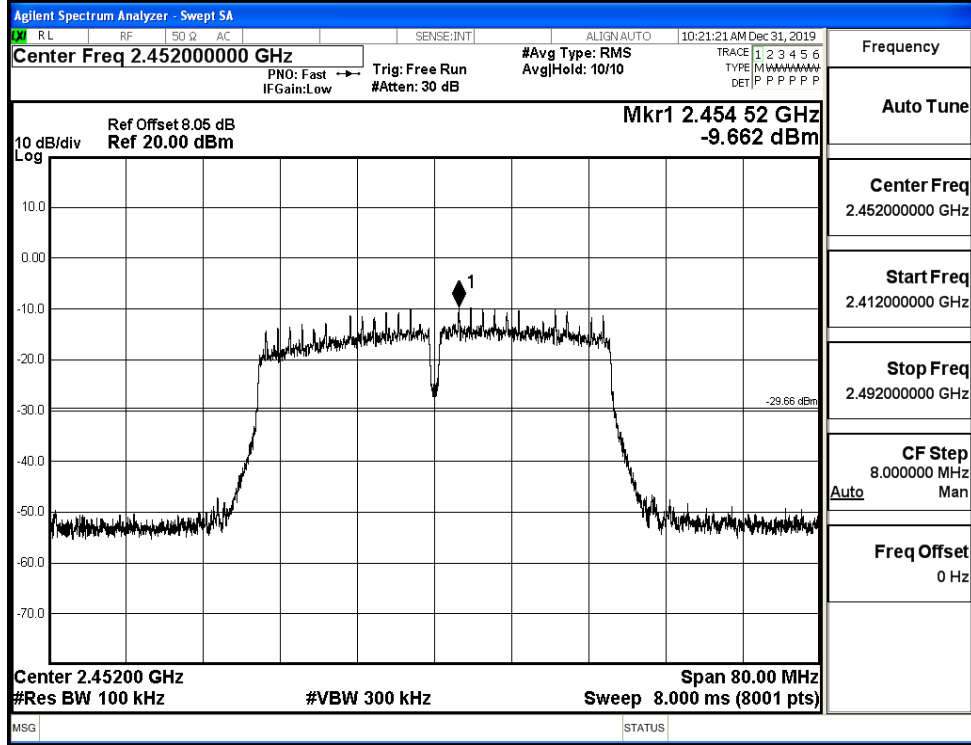


Puw/11N40  
SISO/MCH

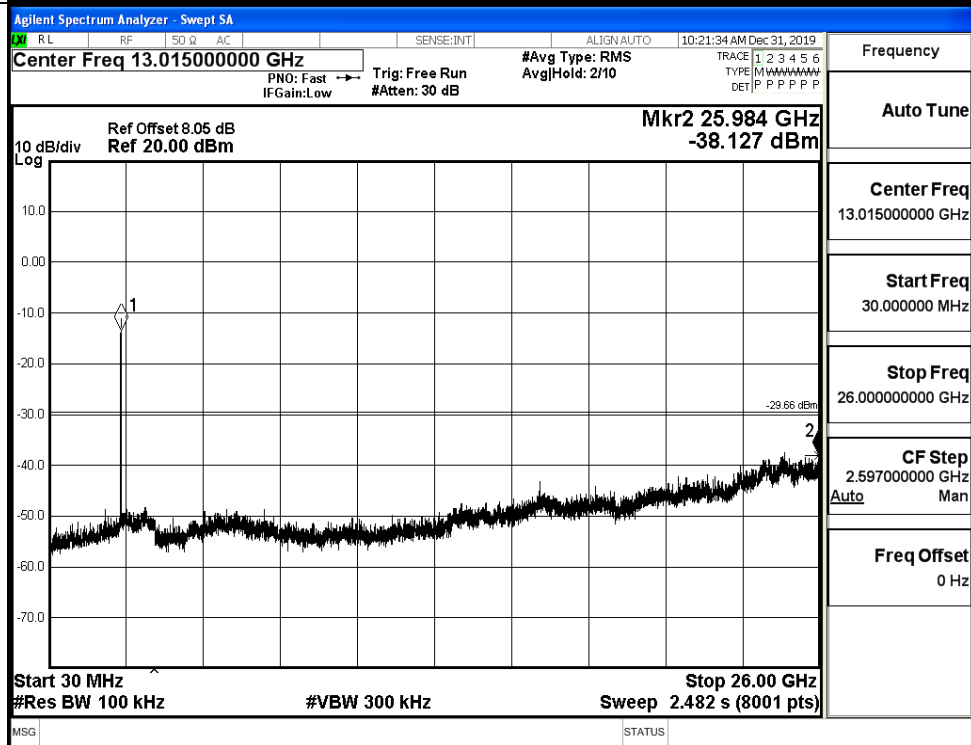


11N40SISO\_HCH\_Graphs

Pref/11N40  
SISO/HCH



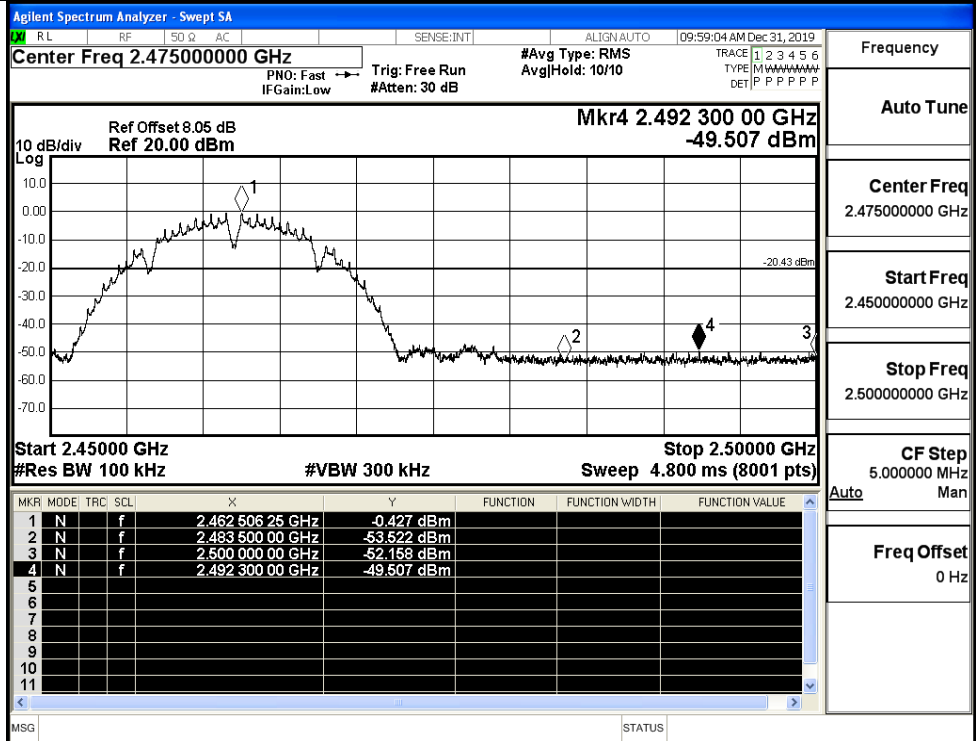
Puw/11N40  
SISO/HCH



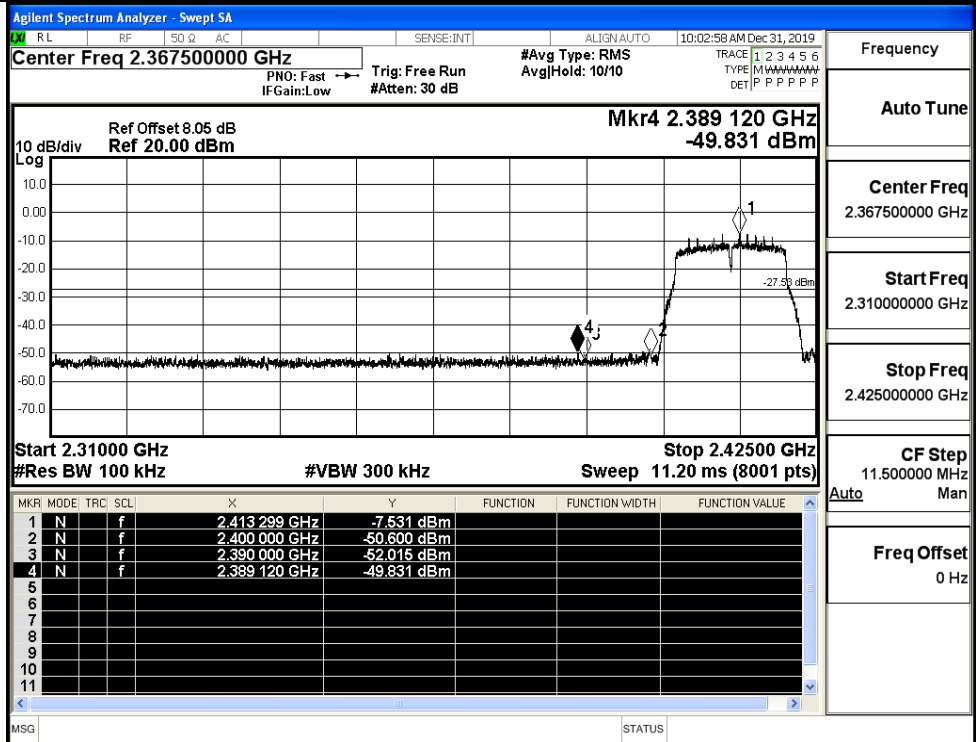




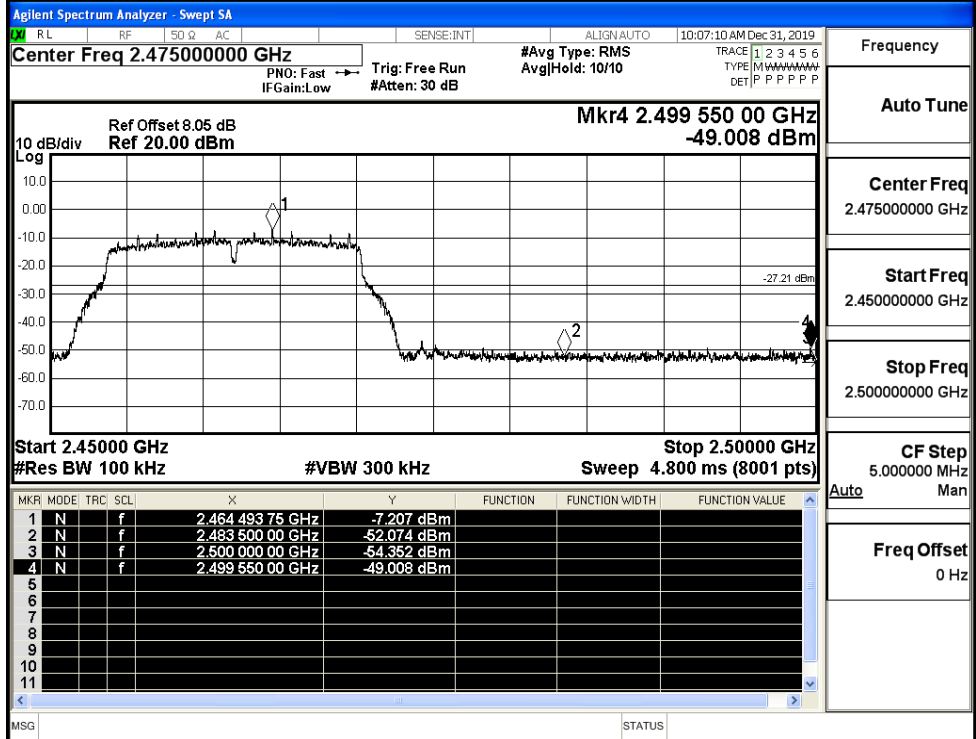
11B/HCH



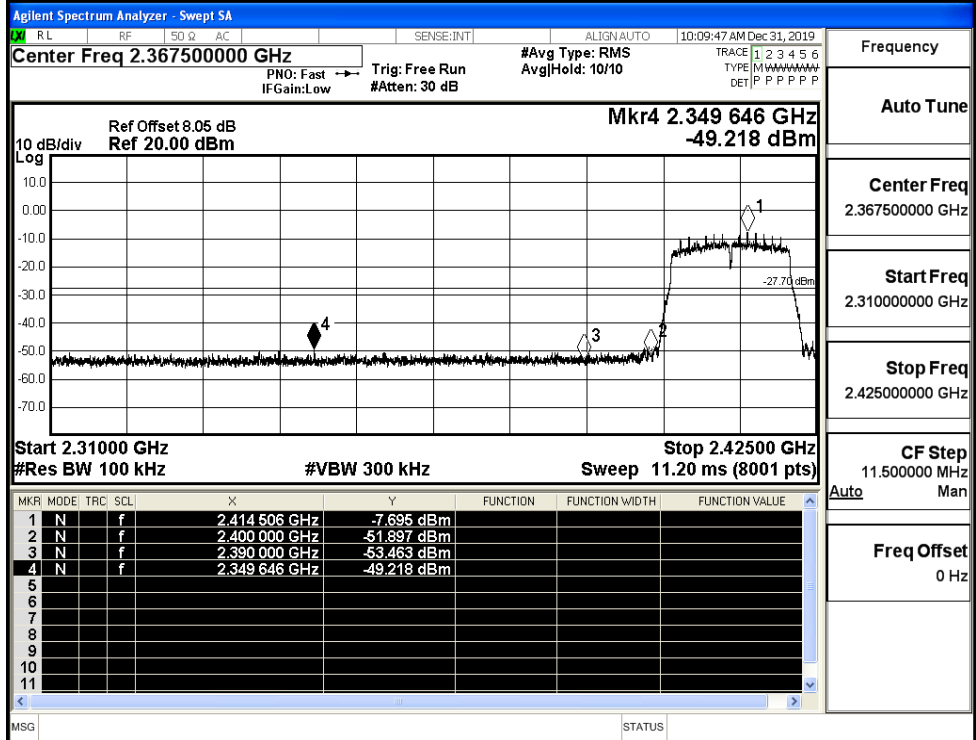
11G/LCH



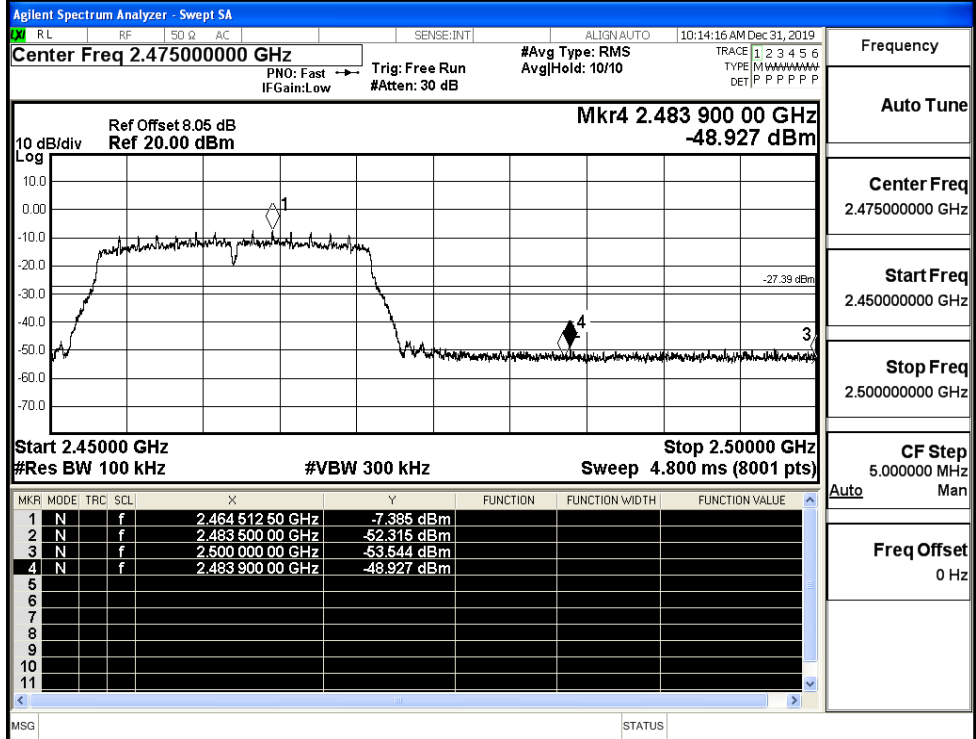
11G/HCH



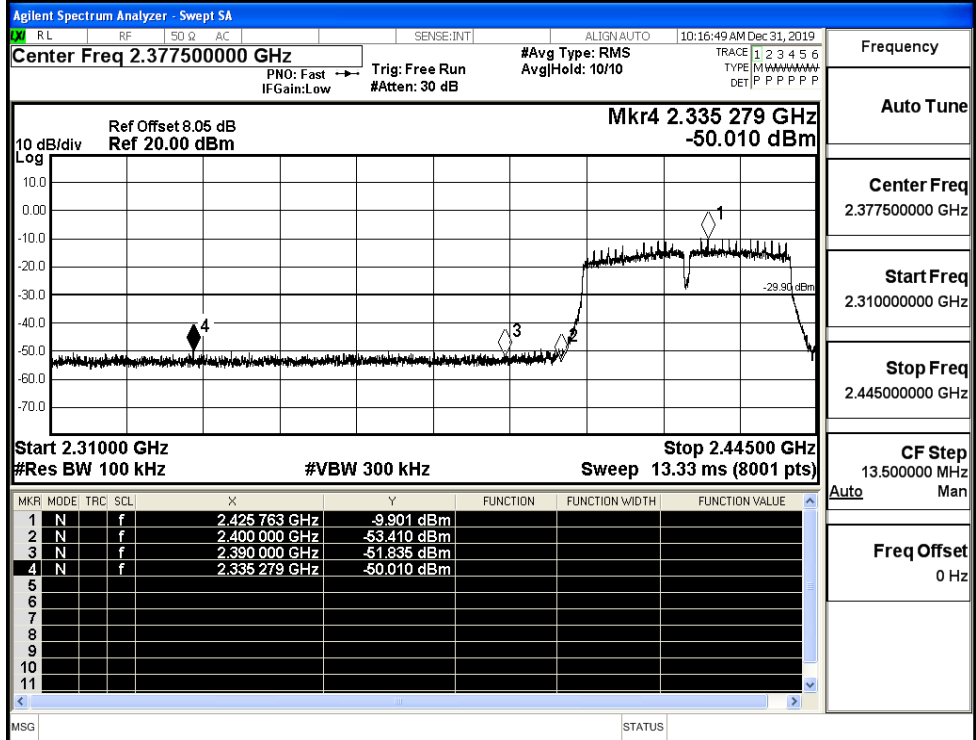
11N20SISO/LCH



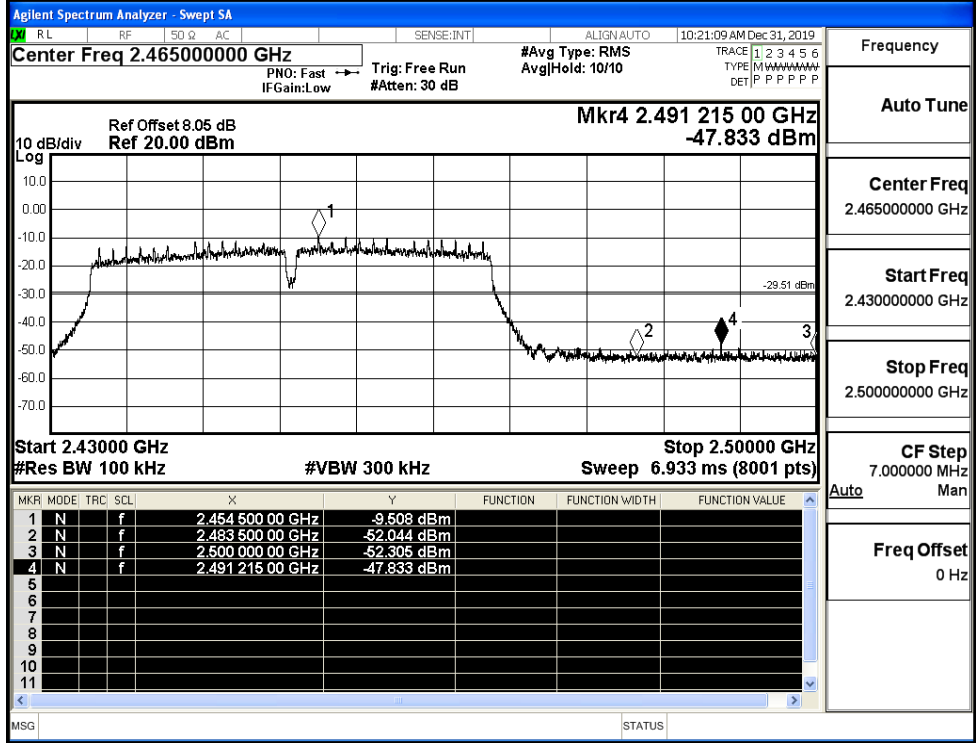
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH

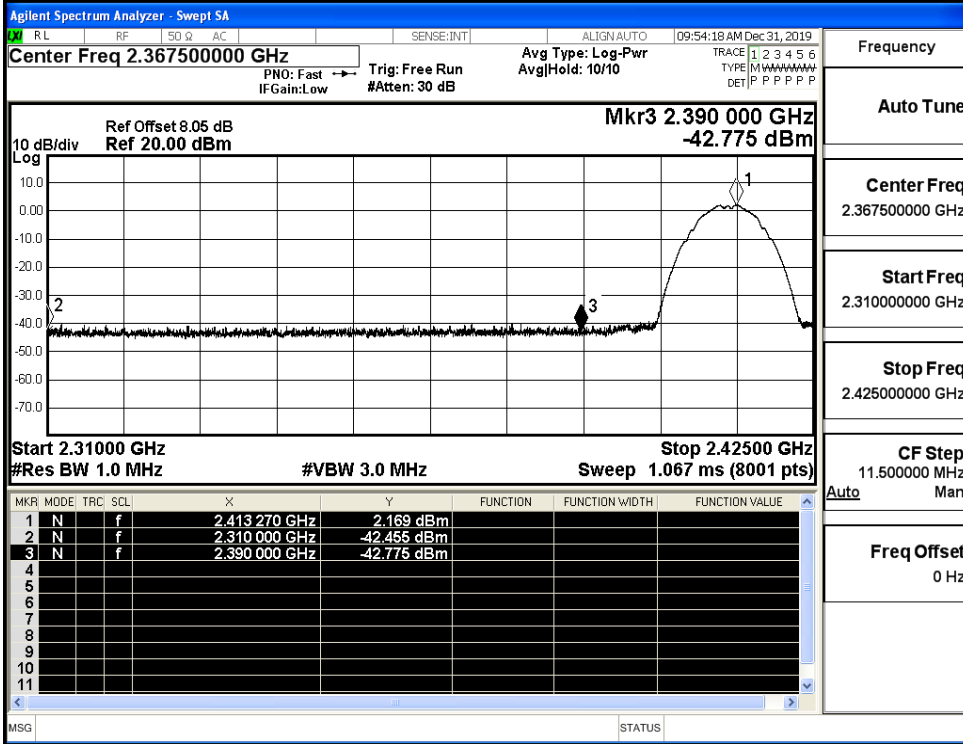


### C.7 Restrict-band band-edge measurements

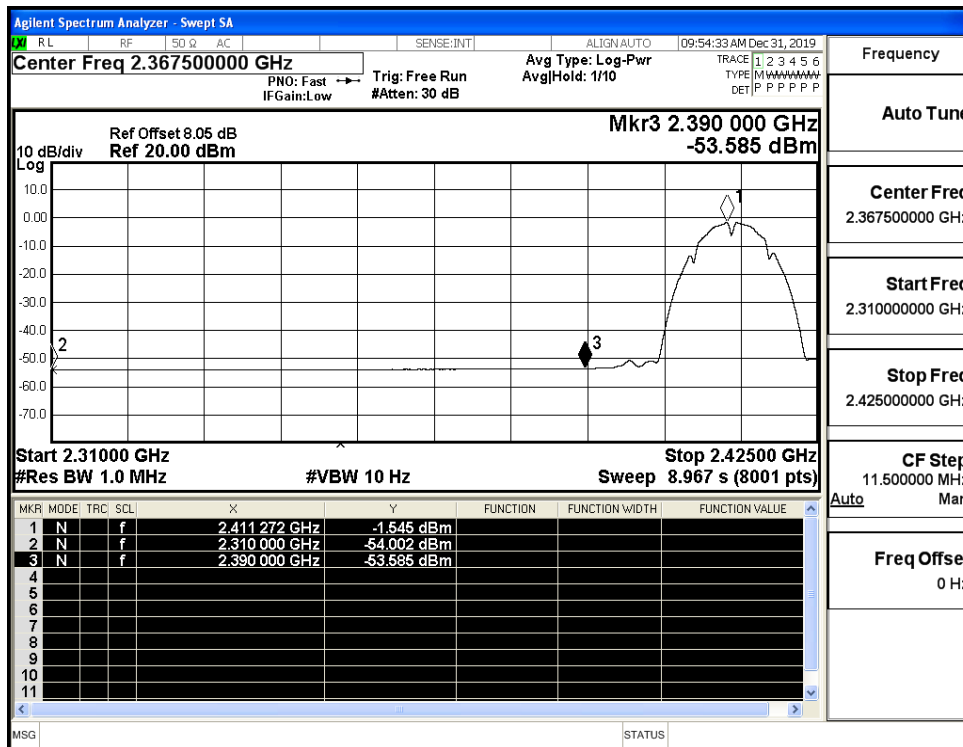
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant1	2310.0	-42.46	2.0	0	54.80	PEAK	74	PASS
	2412	Ant1	2310.0	-54.00	2.0	0	43.26	AV	54	PASS
	2412	Ant1	2390.0	-42.78	2.0	0	54.48	PEAK	74	PASS
	2412	Ant1	2390.0	-53.59	2.0	0	43.67	AV	54	PASS
	2462	Ant1	2483.5	-42.65	2.0	0	54.61	PEAK	74	PASS
	2462	Ant1	2483.5	-53.18	2.0	0	44.08	AV	54	PASS
	2462	Ant1	2500.0	-42.46	2.0	0	54.80	PEAK	74	PASS
	2462	Ant1	2500.0	-52.95	2.0	0	44.30	AV	54	PASS
11G	2412	Ant1	2310.0	-43.14	2.0	0	54.12	PEAK	74	PASS
	2412	Ant1	2310.0	-53.73	2.0	0	43.52	AV	54	PASS
	2412	Ant1	2390.0	-41.91	2.0	0	55.35	PEAK	74	PASS
	2412	Ant1	2390.0	-53.25	2.0	0	44.00	AV	54	PASS
	2462	Ant1	2483.5	-43.47	2.0	0	53.78	PEAK	74	PASS
	2462	Ant1	2483.5	-52.75	2.0	0	44.50	AV	54	PASS
	2462	Ant1	2500.0	-42.32	2.0	0	54.94	PEAK	74	PASS
	2462	Ant1	2500.0	-52.65	2.0	0	44.61	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-43.47	2.0	0	53.79	PEAK	74	PASS
	2412	Ant1	2310.0	-53.73	2.0	0	43.53	AV	54	PASS
	2412	Ant1	2390.0	-42.50	2.0	0	54.76	PEAK	74	PASS
	2412	Ant1	2390.0	-53.21	2.0	0	44.05	AV	54	PASS
	2462	Ant1	2483.5	-43.01	2.0	0	54.25	PEAK	74	PASS
	2462	Ant1	2483.5	-52.75	2.0	0	44.50	AV	54	PASS
	2462	Ant1	2500.0	-41.58	2.0	0	55.68	PEAK	74	PASS
	2462	Ant1	2500.0	-52.64	2.0	0	44.62	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-43.46	2.0	0	53.79	PEAK	74	PASS
	2422	Ant1	2310.0	-53.70	2.0	0	43.56	AV	54	PASS

	2422	Ant1	2390.0	-43.12	2.0	0	54.14	PEAK	74	PASS
	2422	Ant1	2390.0	-53.14	2.0	0	44.12	AV	54	PASS
	2452	Ant1	2483.5	-41.96	2.0	0	55.30	PEAK	74	PASS
	2452	Ant1	2483.5	-52.56	2.0	0	44.69	AV	54	PASS
	2452	Ant1	2500.0	-42.88	2.0	0	54.38	PEAK	74	PASS
	2452	Ant1	2500.0	-52.61	2.0	0	44.65	AV	54	PASS

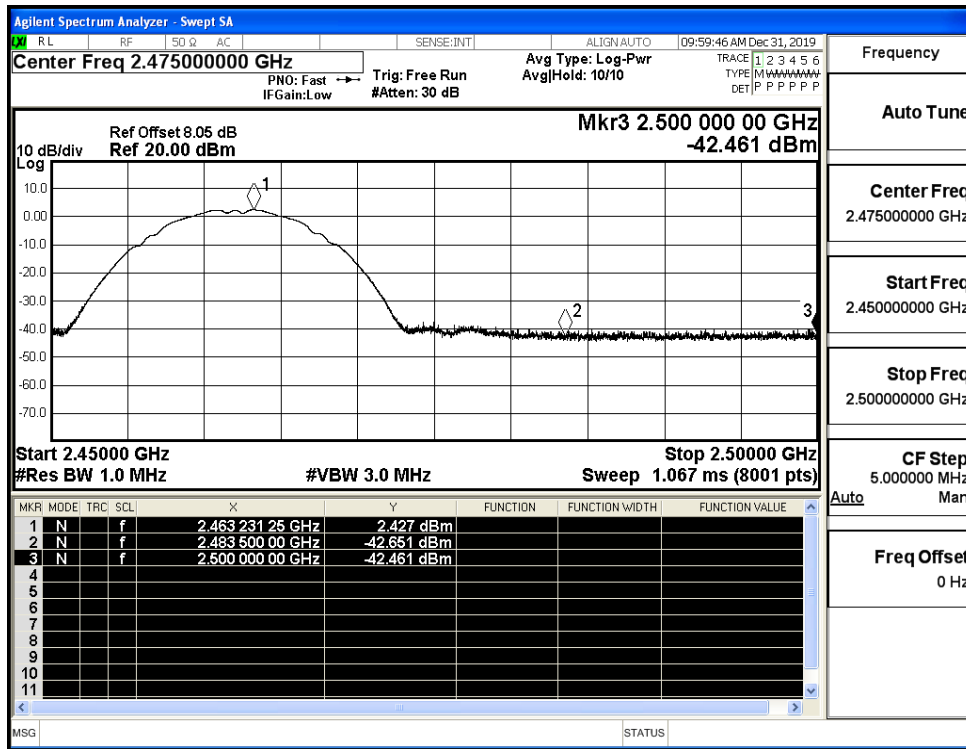
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_PEAK



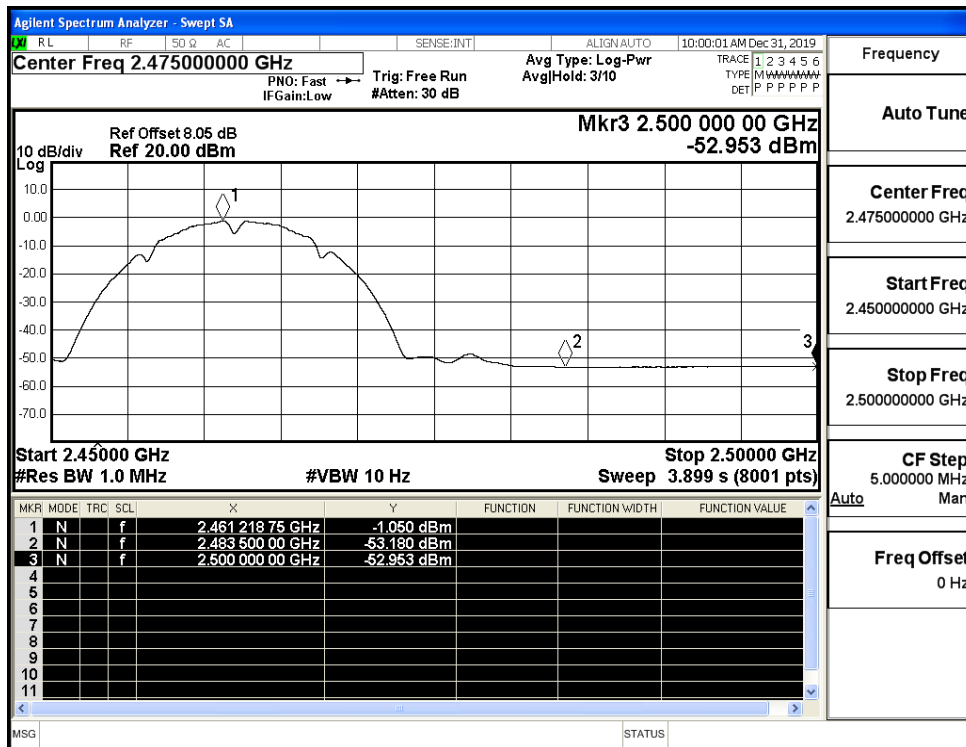
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_AV



Restrict-band band-edge measurements\_11B\_2462\_Ant1\_PEAK

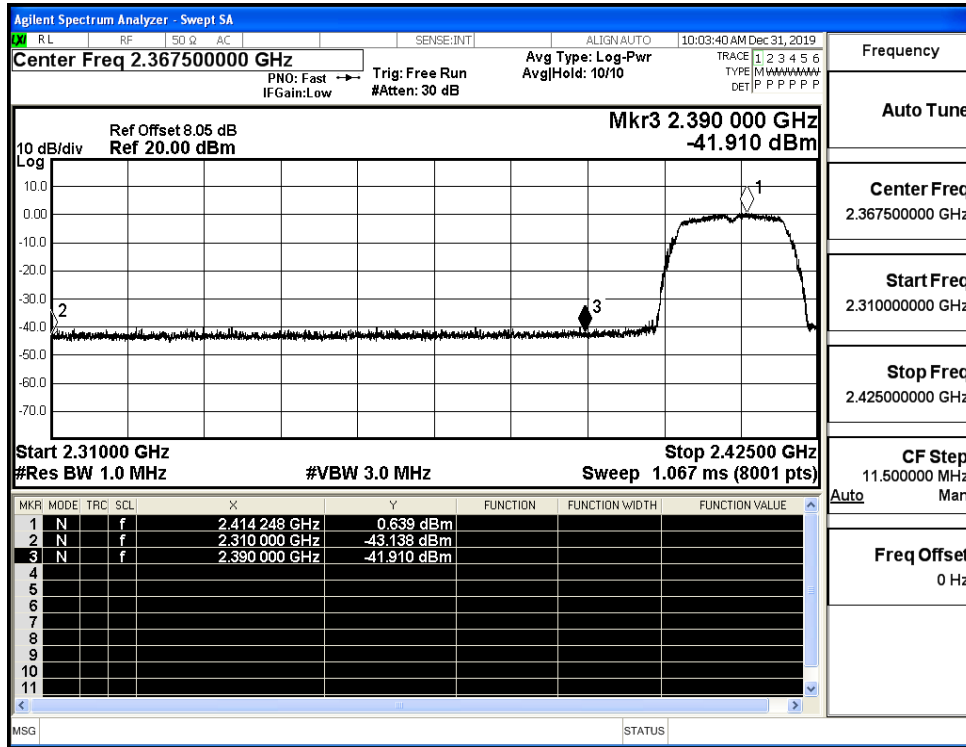


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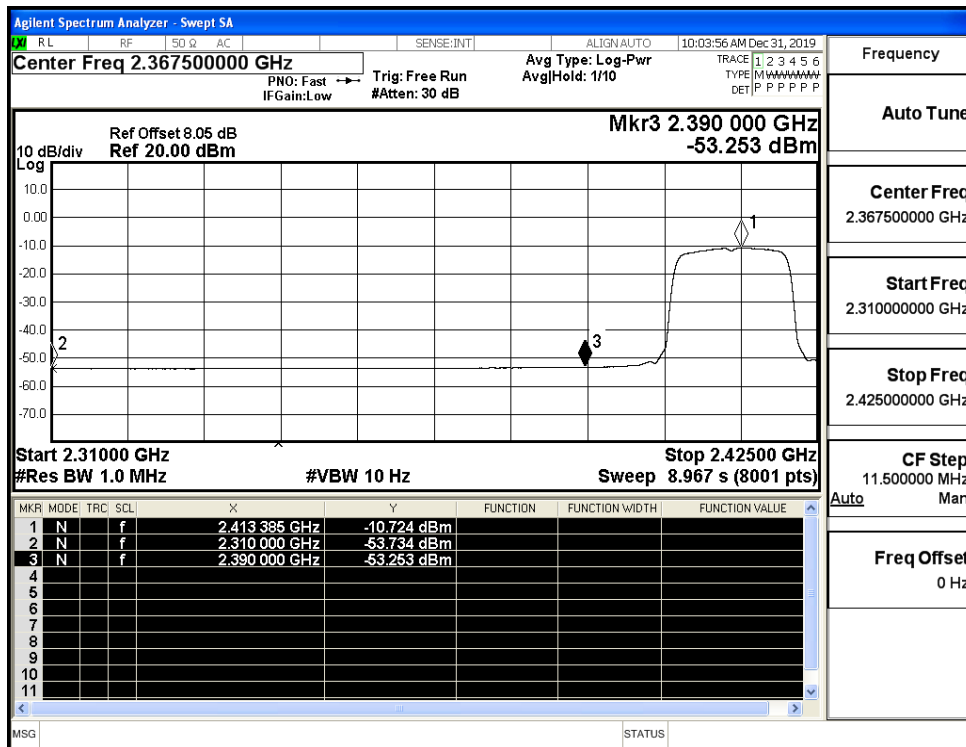




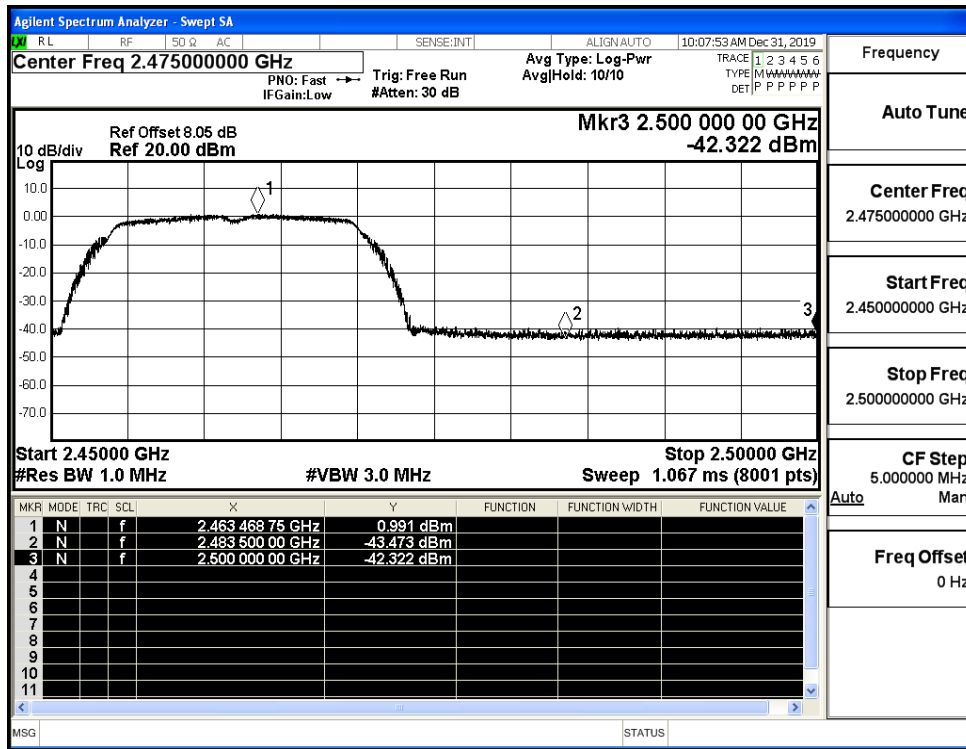
Restrict-band band-edge measurements\_11G\_2412\_Ant1\_PEAK



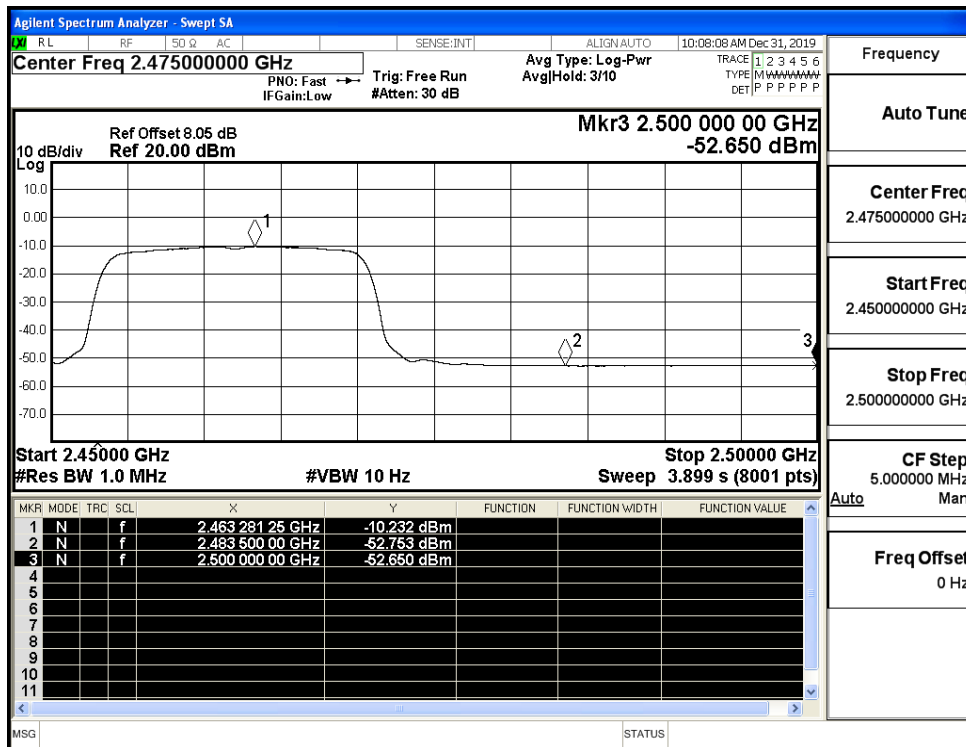
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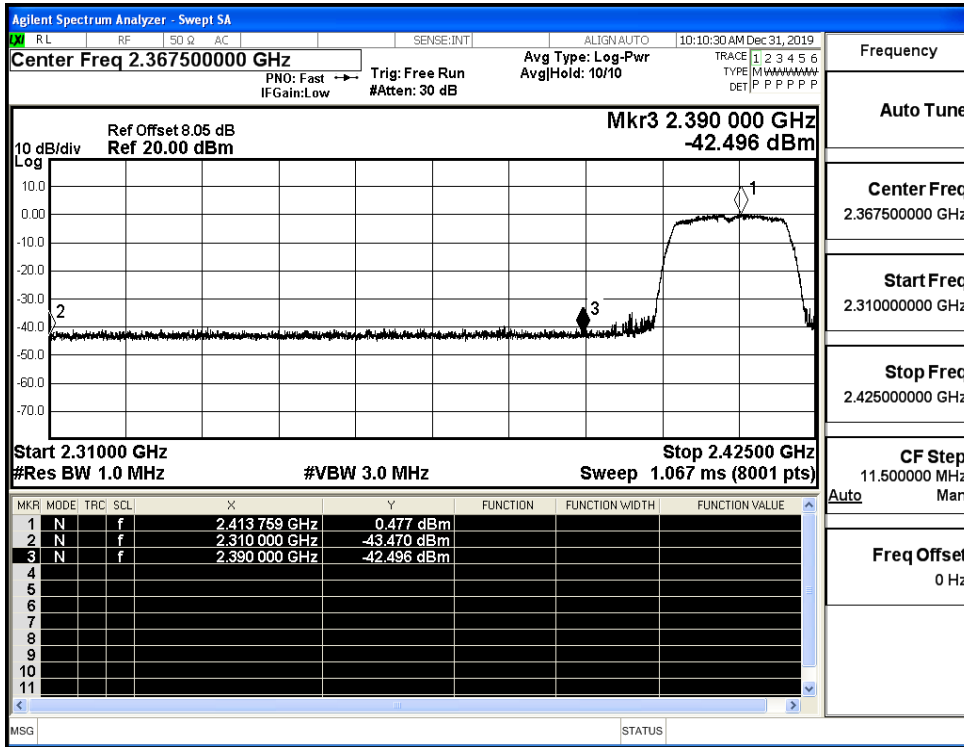
Restrict-band band-edge measurements\_11G\_2462\_Ant1\_PEAK



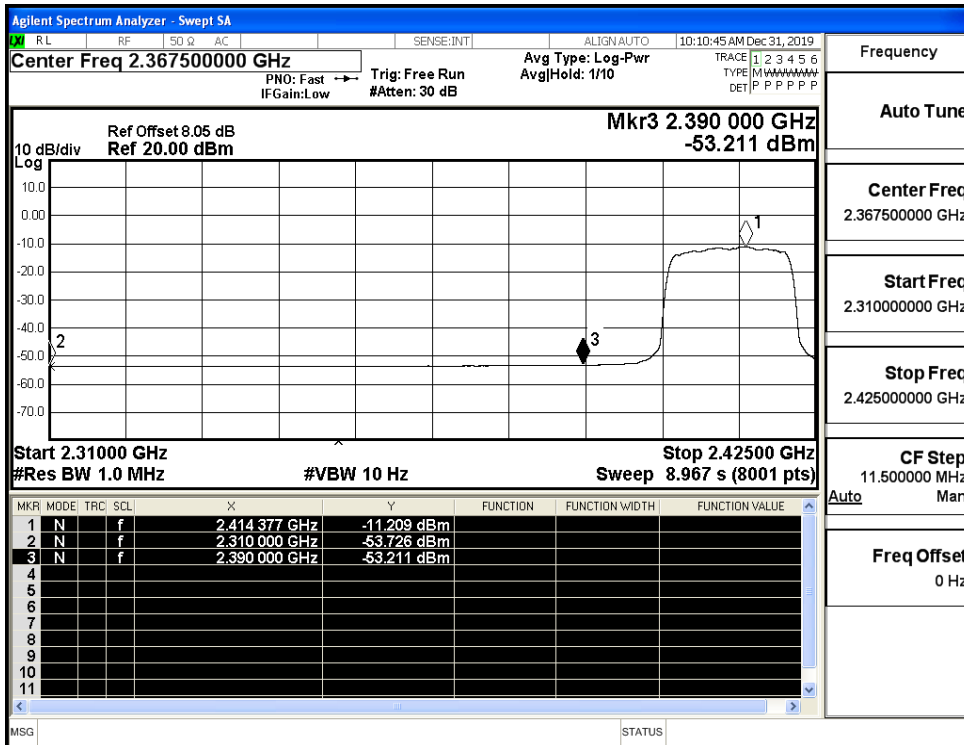
Restrict-band band-edge measurements\_11G\_2462\_Ant1\_AV



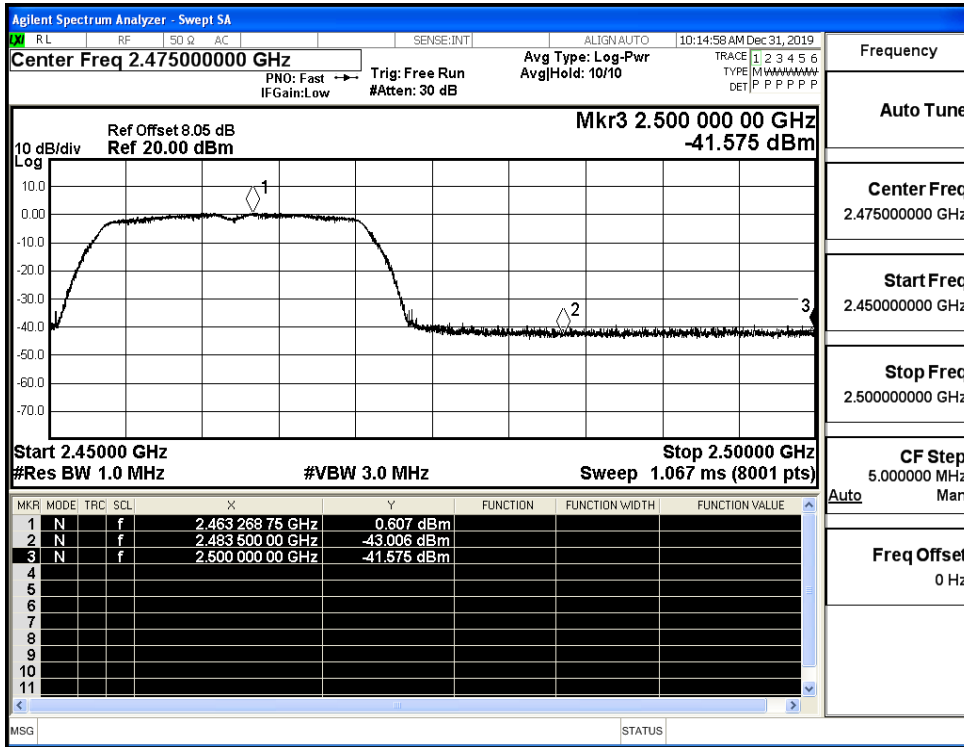
Restrict-band band-edge measurements\_11N20SISO\_2412\_Ant1\_PEAK



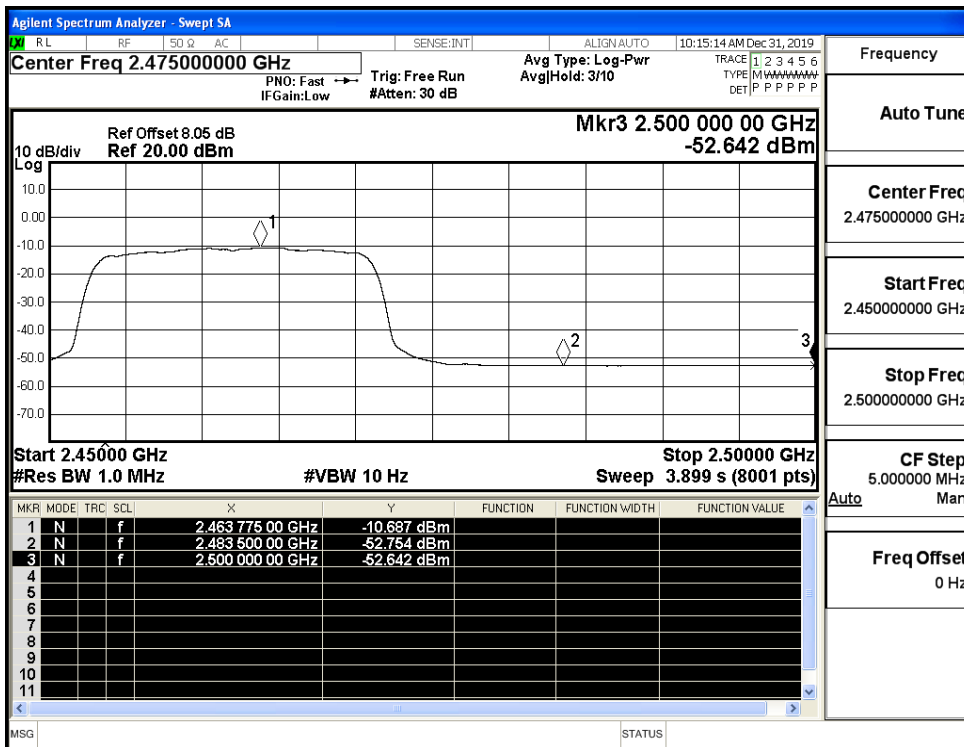
Restrict-band band-edge measurements\_11N20SISO\_2412\_Ant1\_AV



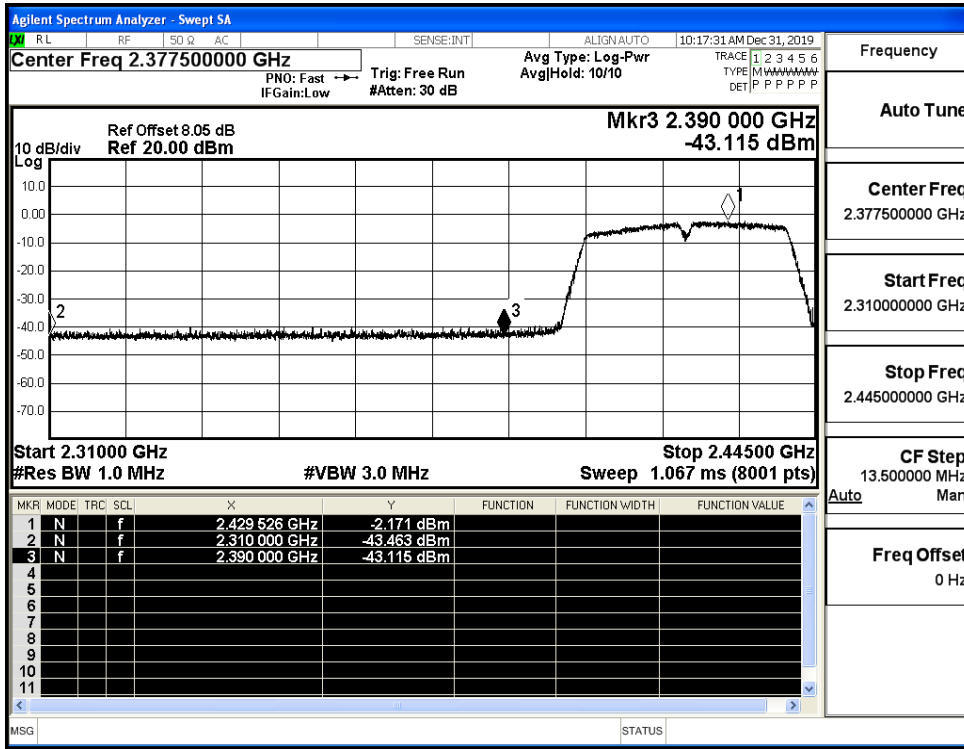
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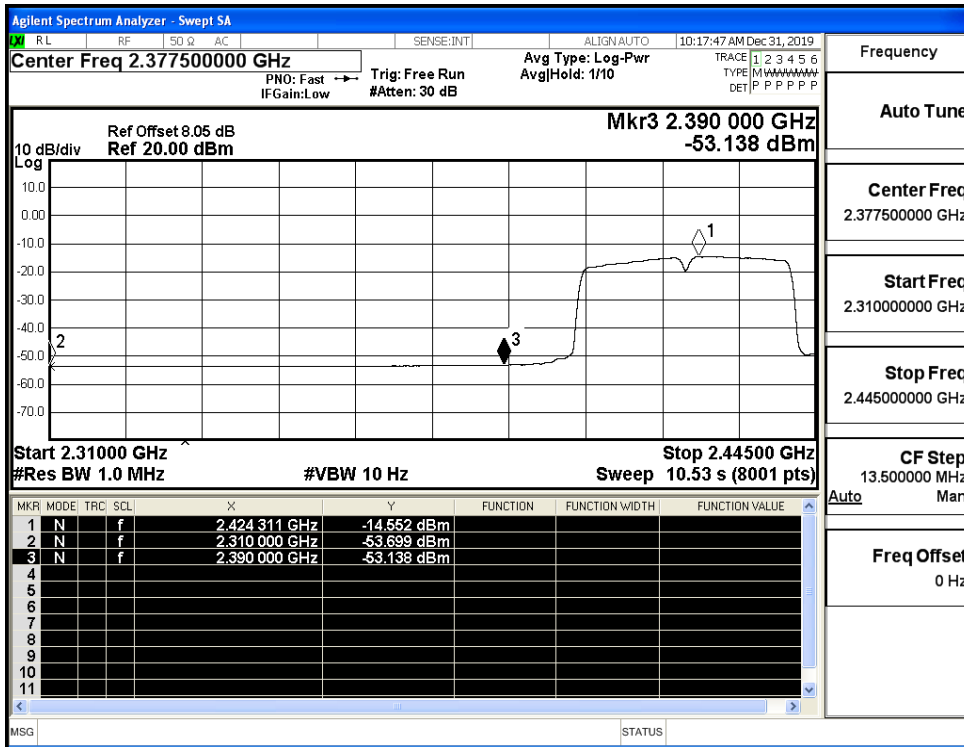
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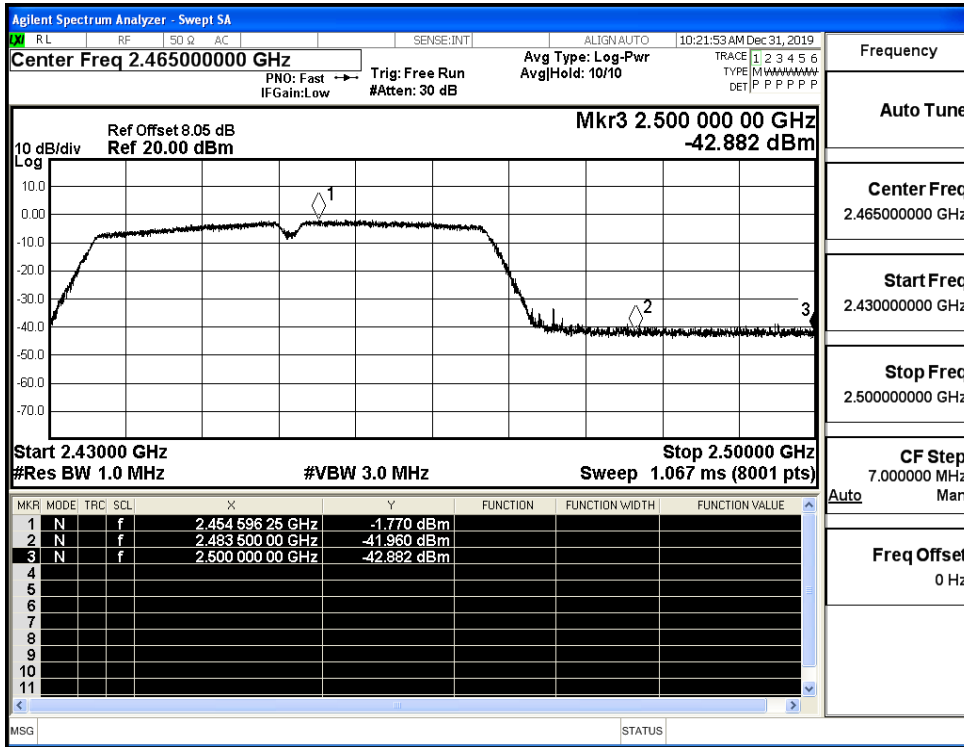
Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_PEAK



Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_AV



Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_PEAK



Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_AV

