

Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: KE2 Edge Manager Plus

Trade Mark: KE2, KE2 Connect, KE2 Therm

Test Model: KE2EM-Plus

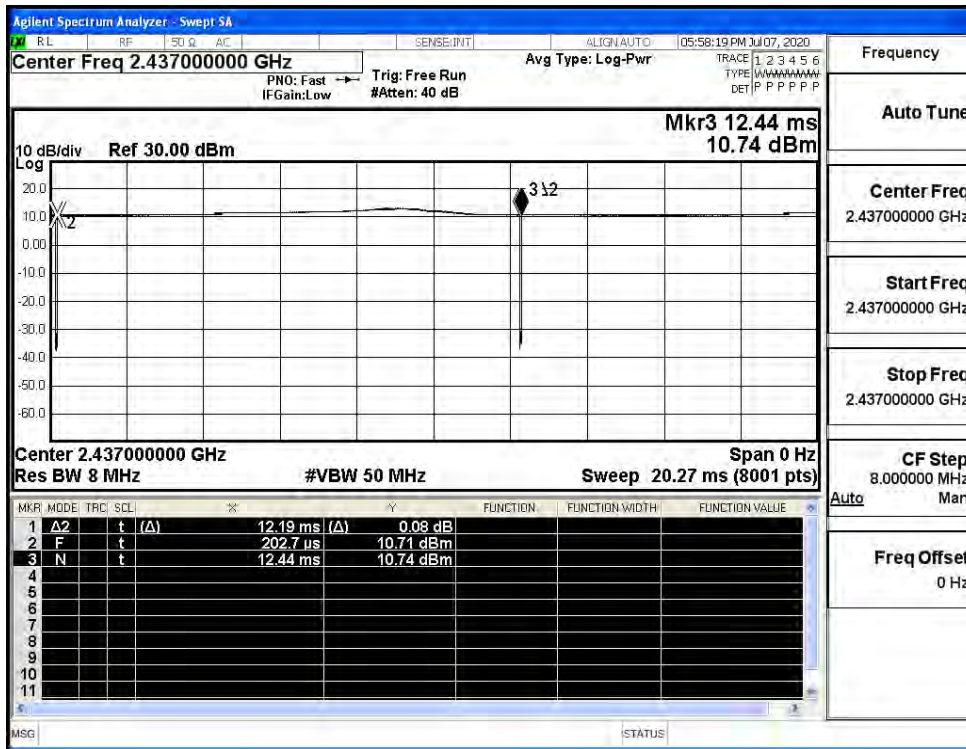
Environmental Conditions

Temperature:	23.1 ° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Qu Xin
Supervised by:	Li Huan

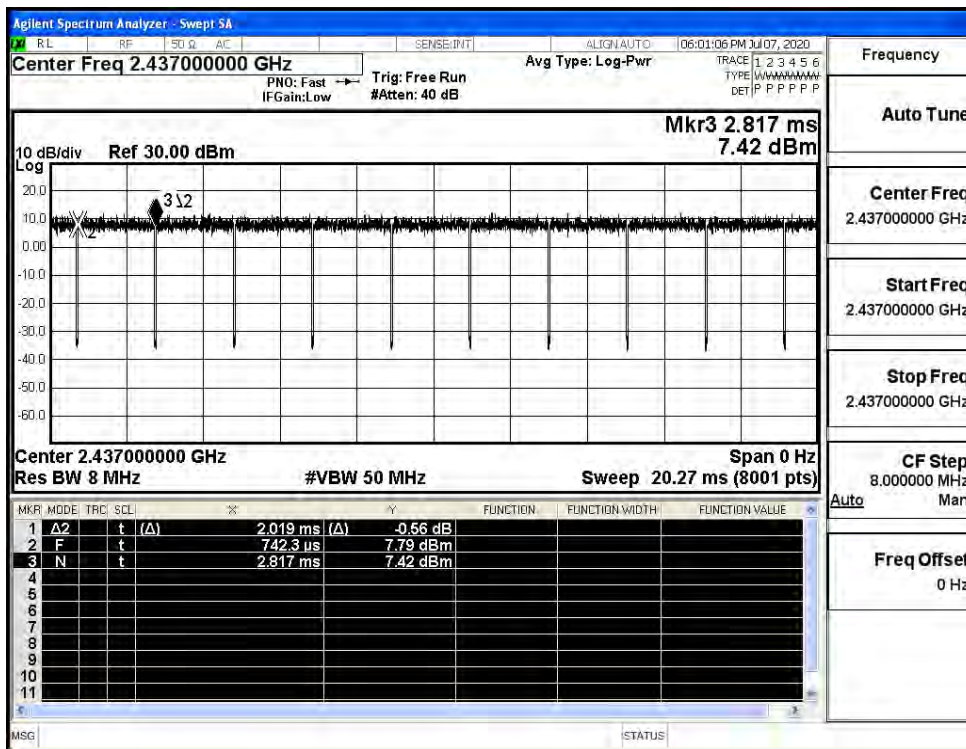
Test Mode	Test Channel	Ant	Duty Cycle[%]	1/T Minimum VBW(KHz)	Verdict
11B	2437	Ant_1	99.61	0.82	PASS
11G	2437	Ant_1	97.31	0.50	PASS
11N20	2437	Ant_1	97.12	0.53	PASS
11N40	2437	Ant_1	95.54	1.08	PASS

Test Mode	Test Channel	Ant	Duty Cycle[%]		Verdict
11B	2437	Ant_2	100	0.01	PASS
11G	2437	Ant_2	97.31	0.50	PASS
11N20	2437	Ant_2	97.13	0.53	PASS
11N40	2437	Ant_2	95.54	1.08	PASS

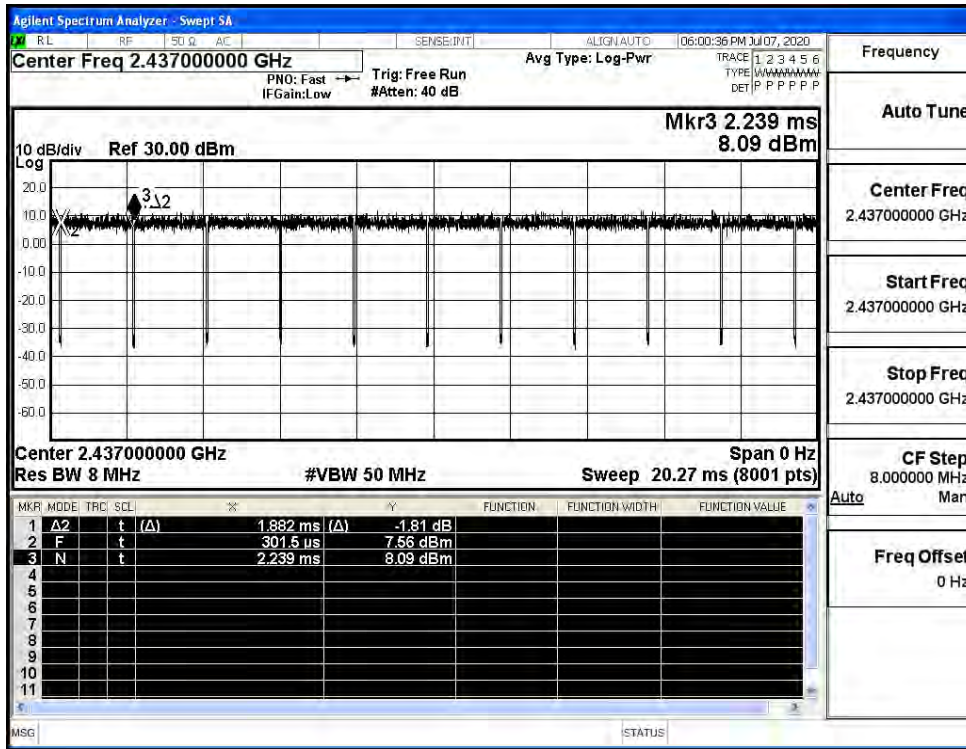
Duty Cycle_11B_2437_Ant_1



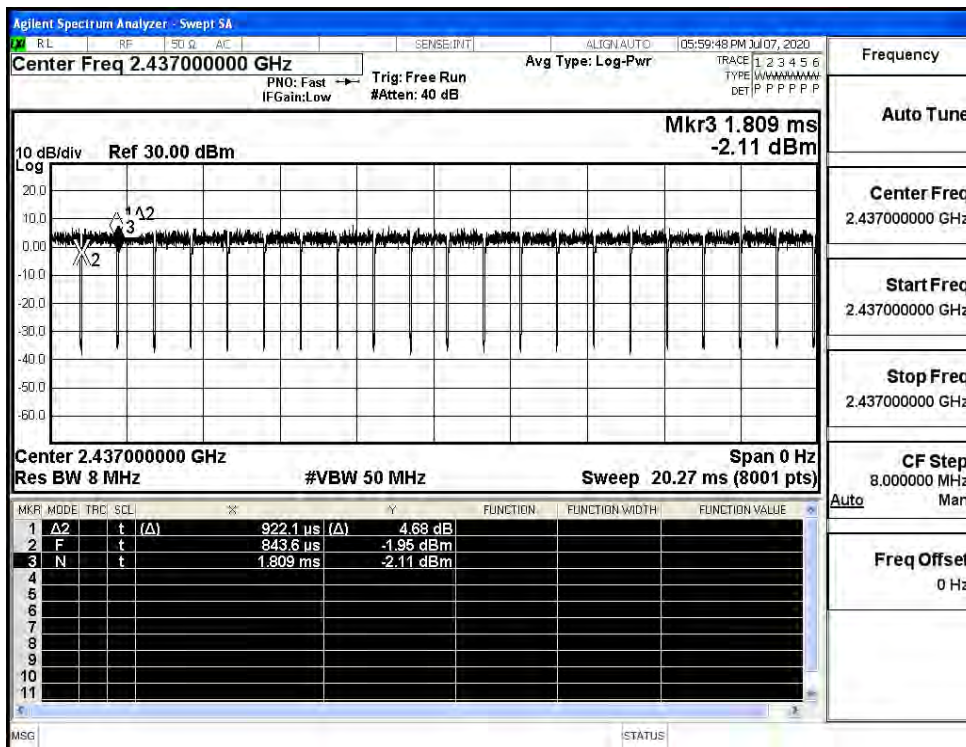
Duty Cycle_11G_2437_Ant_1



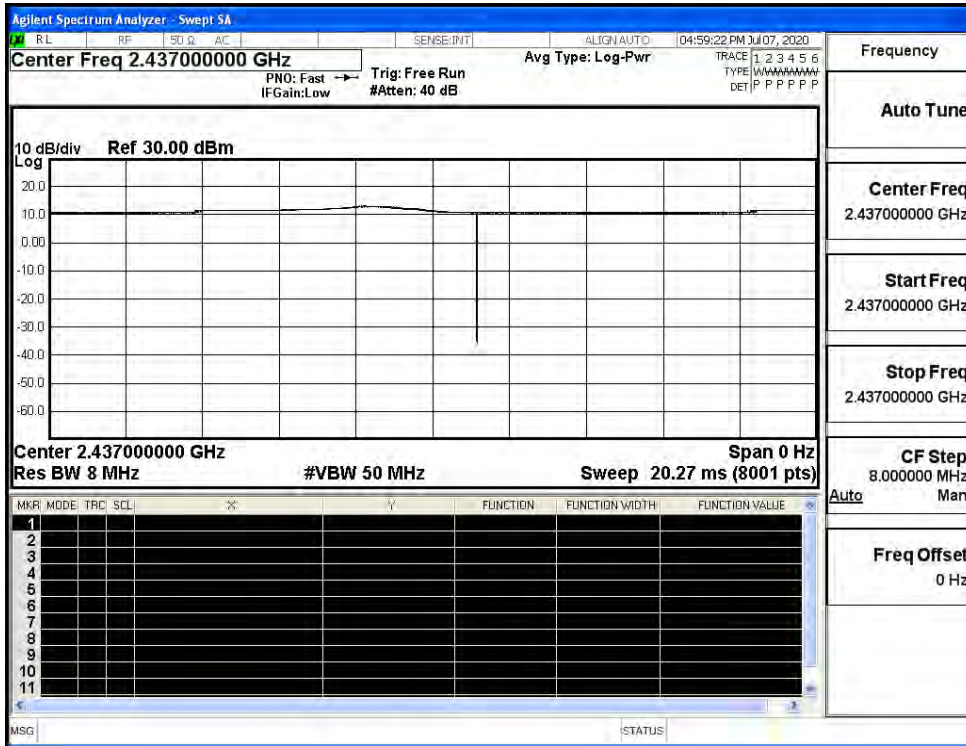
Duty Cycle_11N20SISO_2437_Ant_1



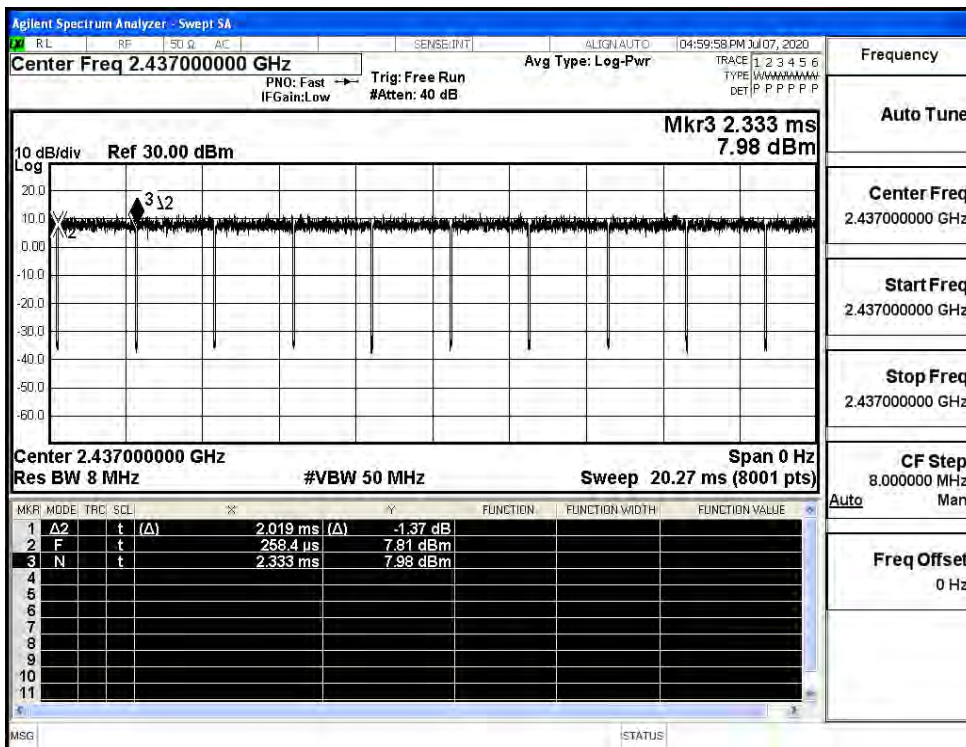
Duty Cycle_11N40SISO_2437_Ant_1



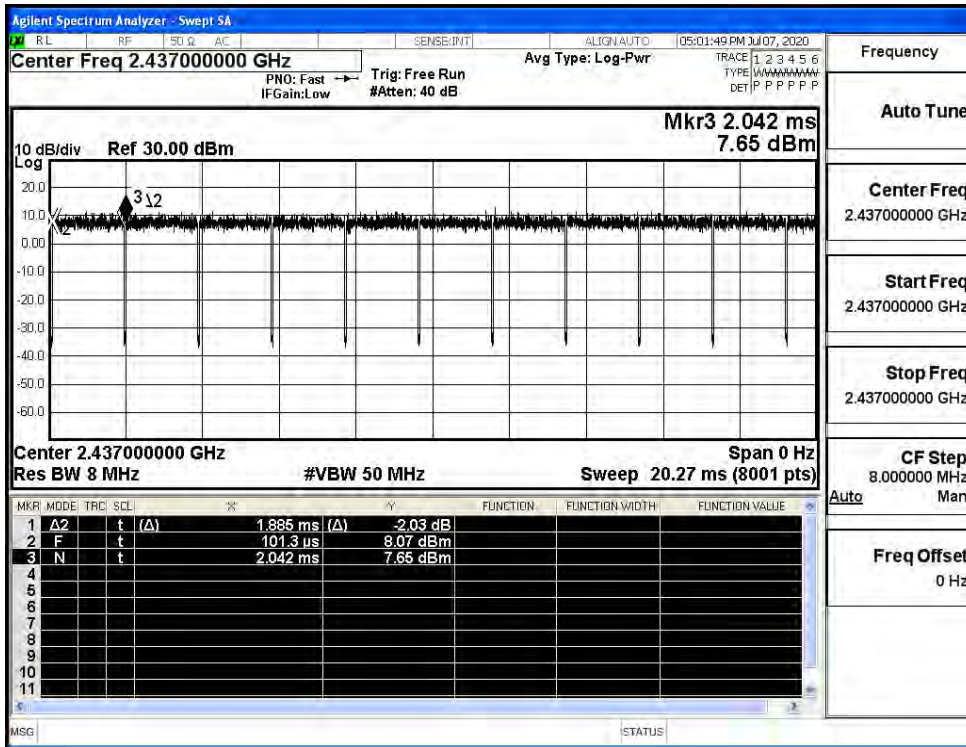
Duty Cycle_11B_2437_Ant_2



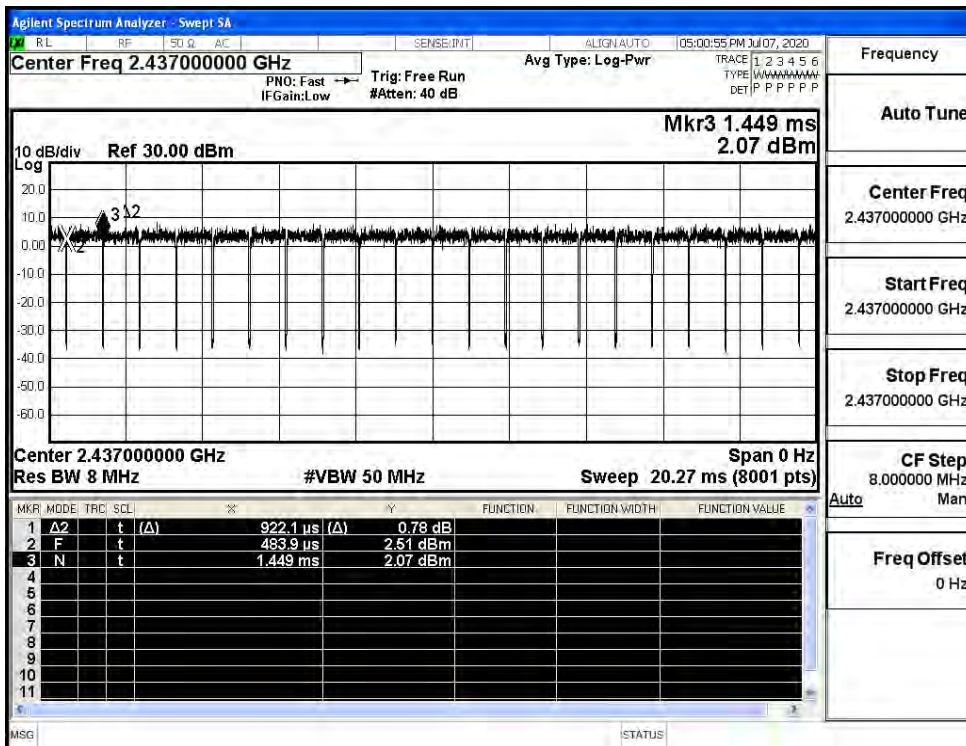
Duty Cycle_11G_2437_Ant_2



Duty Cycle_11N20SISO_2437_Ant_2



Duty Cycle_11N40SISO_2437_Ant_2

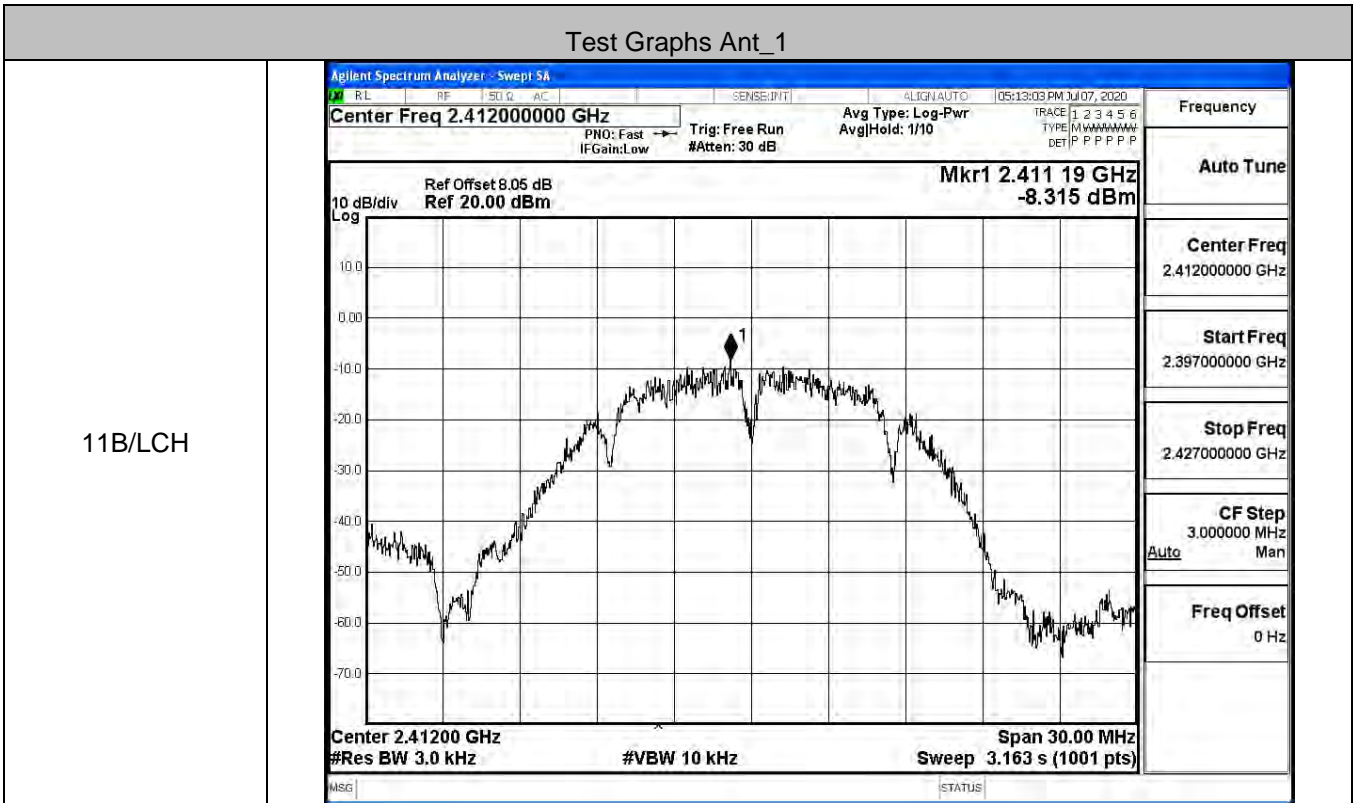


A.2 Maximum Conducted Output Power

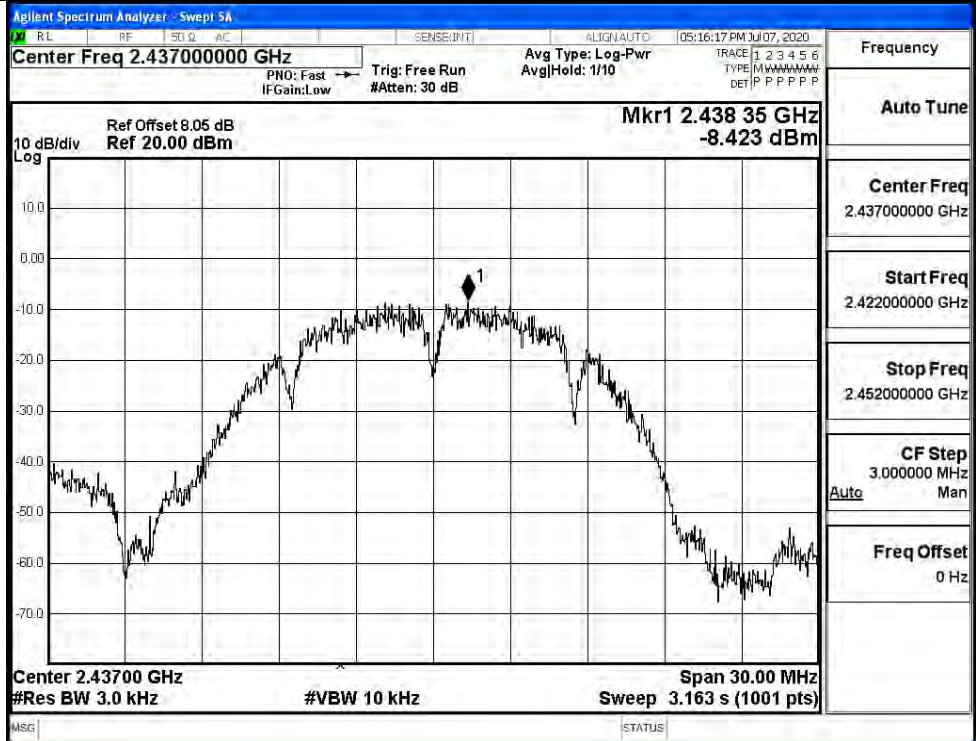
Mode	Channel	Meas.Level [dBm]			Limit [dBm]	Verdict
		Ant_1	Ant_2	Sum		
11B	LCH	18.13	18	/	30	PASS
	MCH	18.71	18.54	/	30	PASS
	HCH	18.95	18.58	/	30	PASS
11G	LCH	19.99	19.97	/	30	PASS
	MCH	20.84	20.75	/	30	PASS
	HCH	21.04	20.78	/	30	PASS
11N20SISO	LCH	19.65	19.59	22.63	30	PASS
	MCH	20.46	20.41	23.45	30	PASS
	HCH	20.65	20.58	23.63	30	PASS
11N40SISO	LCH	19.36	19.29	22.34	30	PASS
	MCH	19.76	19.66	22.72	30	PASS
	HCH	20.53	20.5	23.53	30	PASS

A.3 Maximum Power Spectral Density

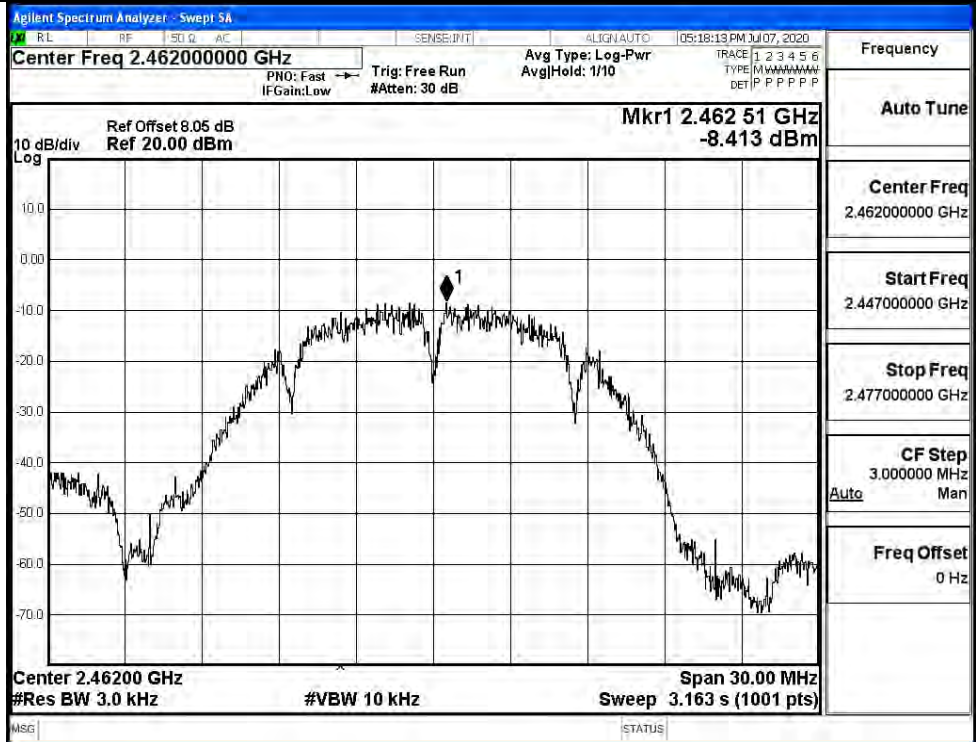
Mode	Channel	Meas.Level [dBm/3KHz]			Limit [dBm/3KHz]	Verdict
		Ant_1	Ant_2	Sum		
11B	LCH	-8.315	-7.796	/	8	PASS
	MCH	-8.423	-7.217	/	8	PASS
	HCH	-8.413	-8.559	/	8	PASS
11G	LCH	-12.200	-14.506	/	8	PASS
	MCH	-12.112	-12.887	/	8	PASS
	HCH	-13.283	-12.859	/	8	PASS
11N20SISO	LCH	-14.059	-13.593	-10.81	8	PASS
	MCH	-13.690	-13.801	-10.73	8	PASS
	HCH	-13.167	-13.023	-10.08	8	PASS
11N40SISO	LCH	-18.410	-18.040	-15.21	8	PASS
	MCH	-17.775	-15.520	-13.49	8	PASS
	HCH	-15.870	-16.825	-13.31	8	PASS



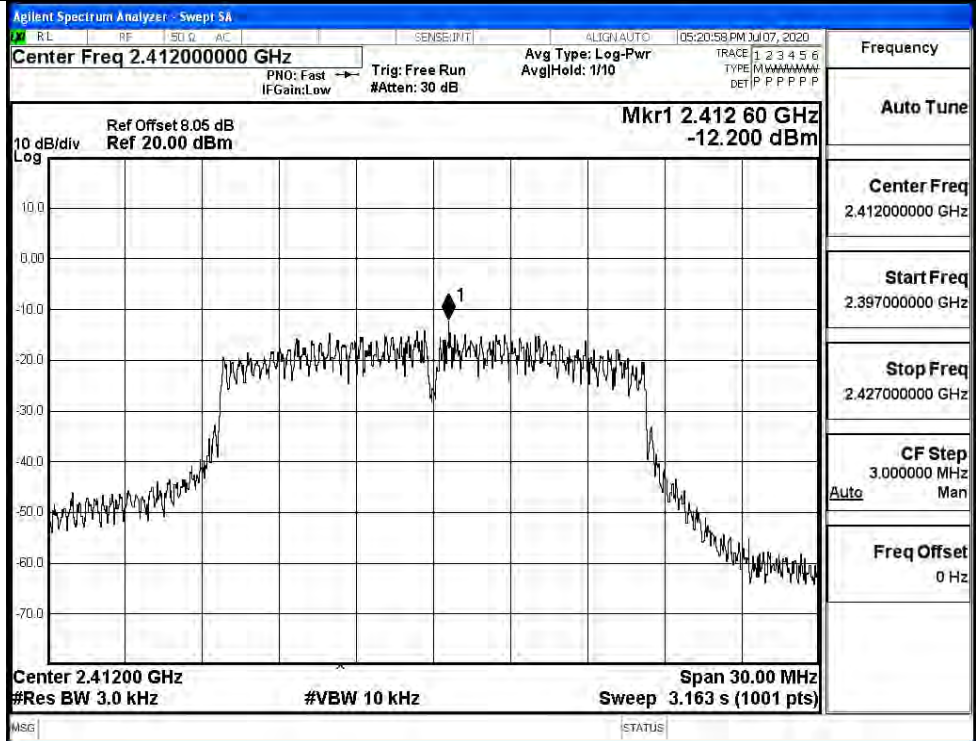
11B/MCH



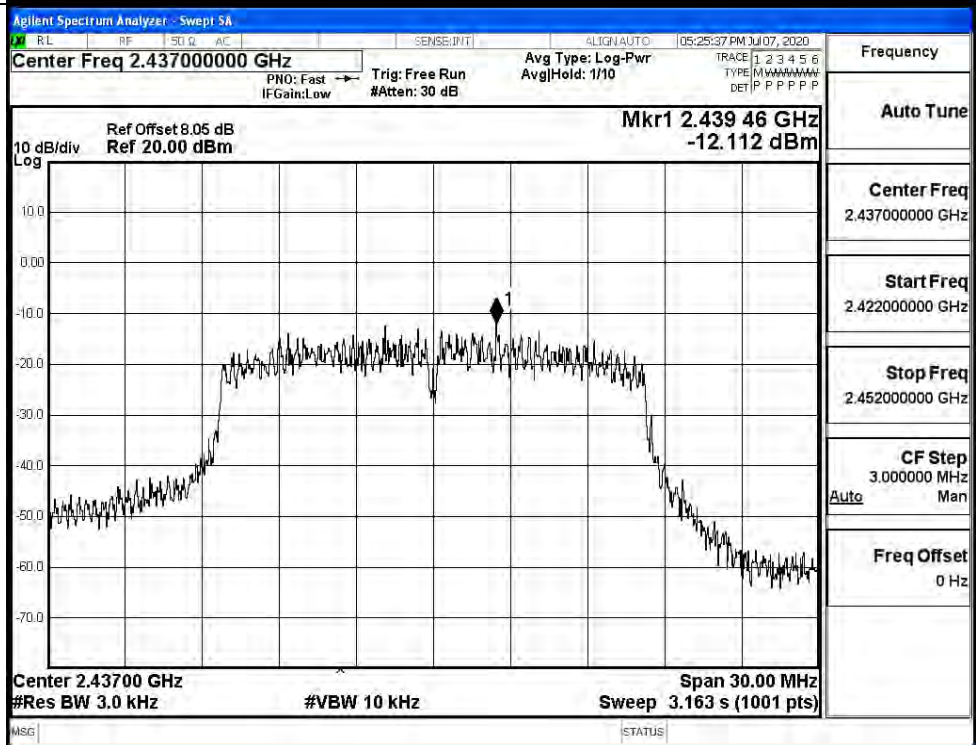
11B/HCH



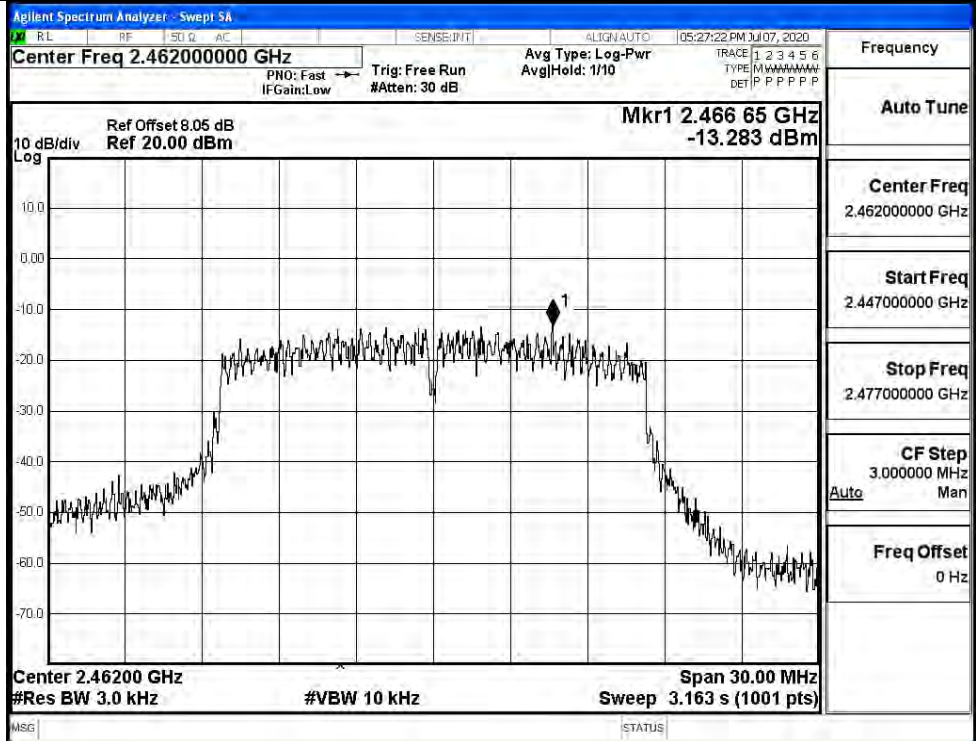
11G/LCH



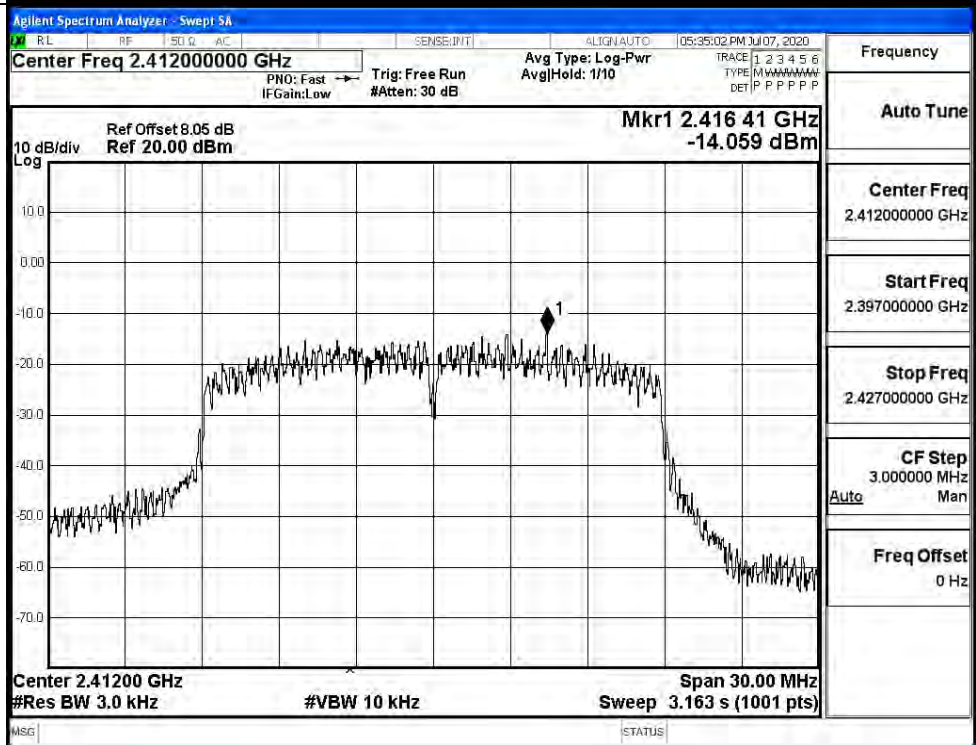
11G/MCH



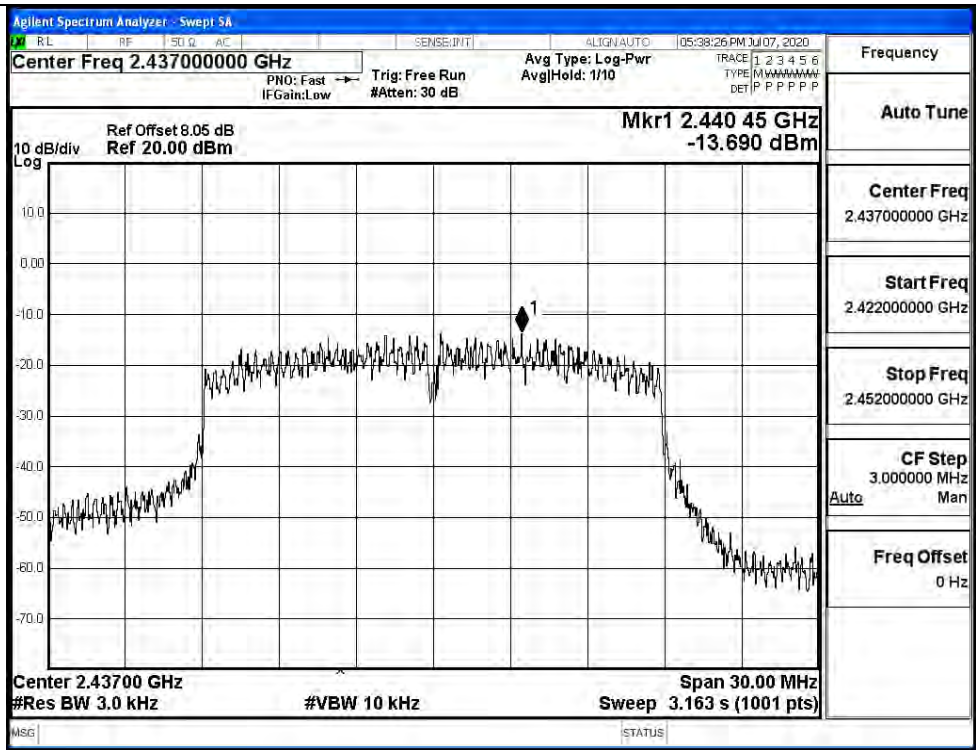
11G/HCH



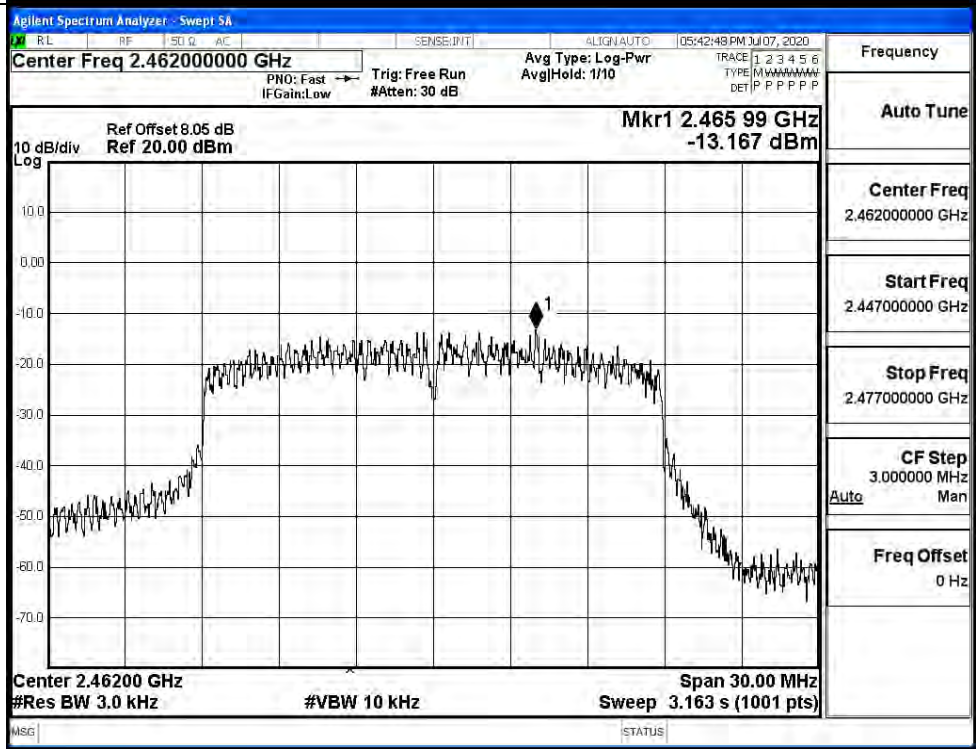
11N20SISO/LCH



11N20SISO/MCH

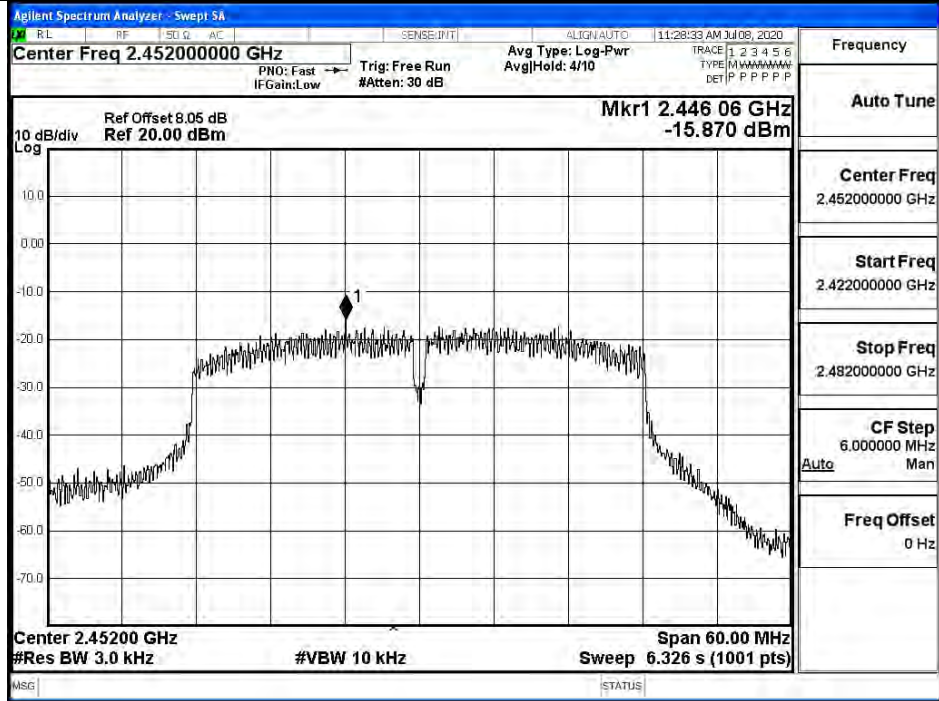


11N20SISO/HCH



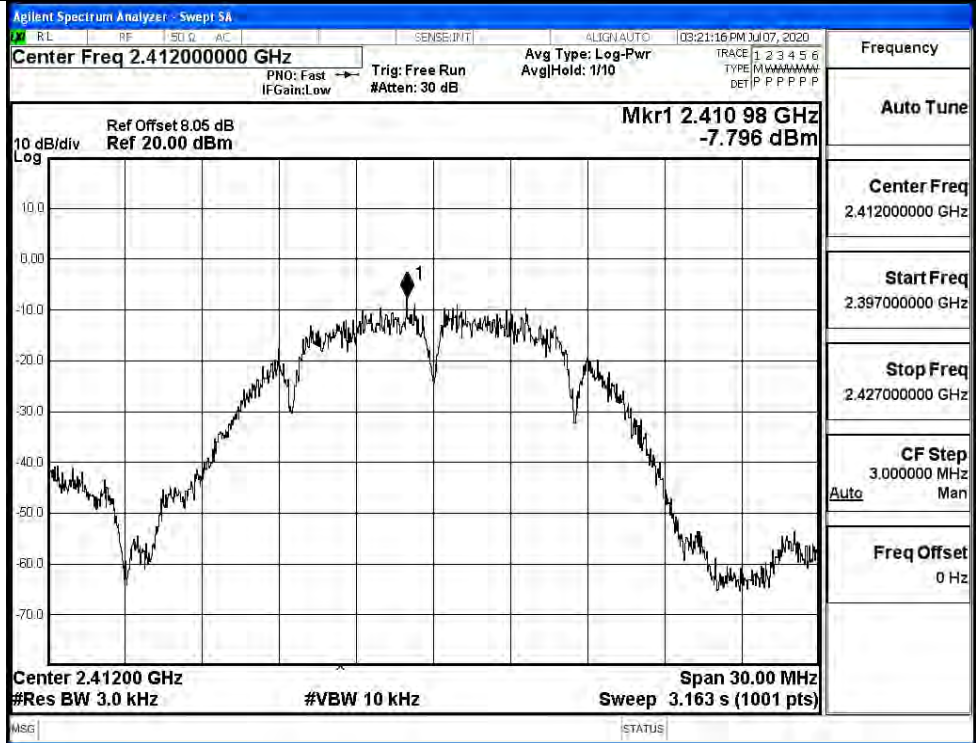
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.42200000 GHz</p> <p>Mkr1 2.419 48 GHz -18.410 dBm</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.42200000 GHz</p> <p>Start Freq 2.392000000 GHz</p> <p>Stop Freq 2.452000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Mkr1 2.444 44 GHz -17.755 dBm</p> <p>Ref Offset 8.05 dB Ref 20.00 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.407000000 GHz</p> <p>Stop Freq 2.467000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

11N40SISO/HCH

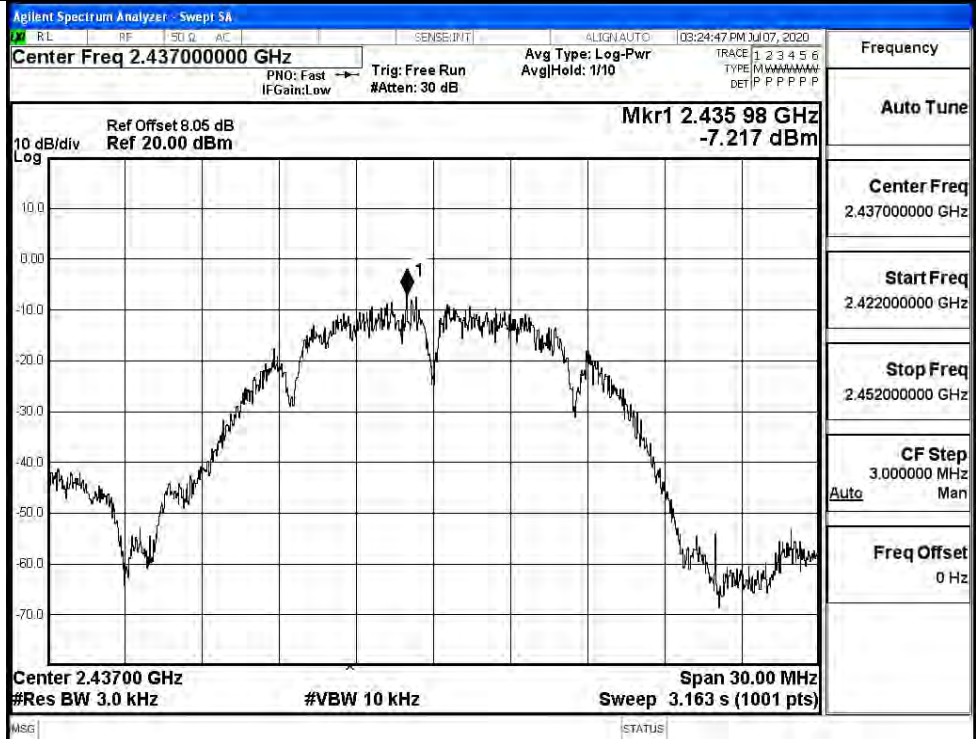


Test Graphs Ant_2

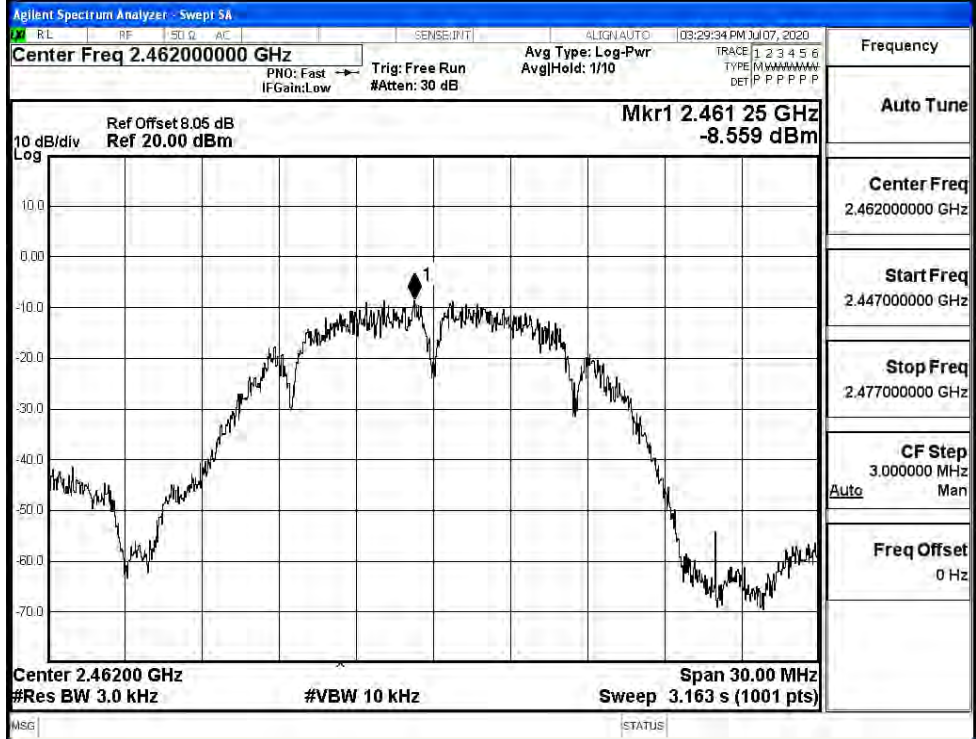
11B/LCH



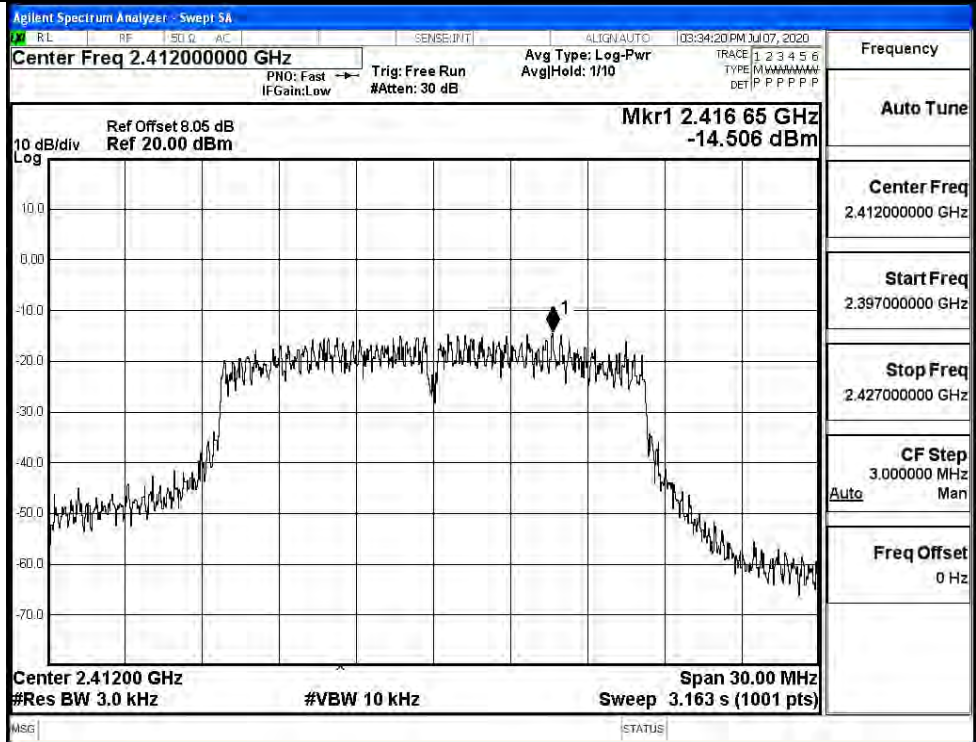
11B/MCH



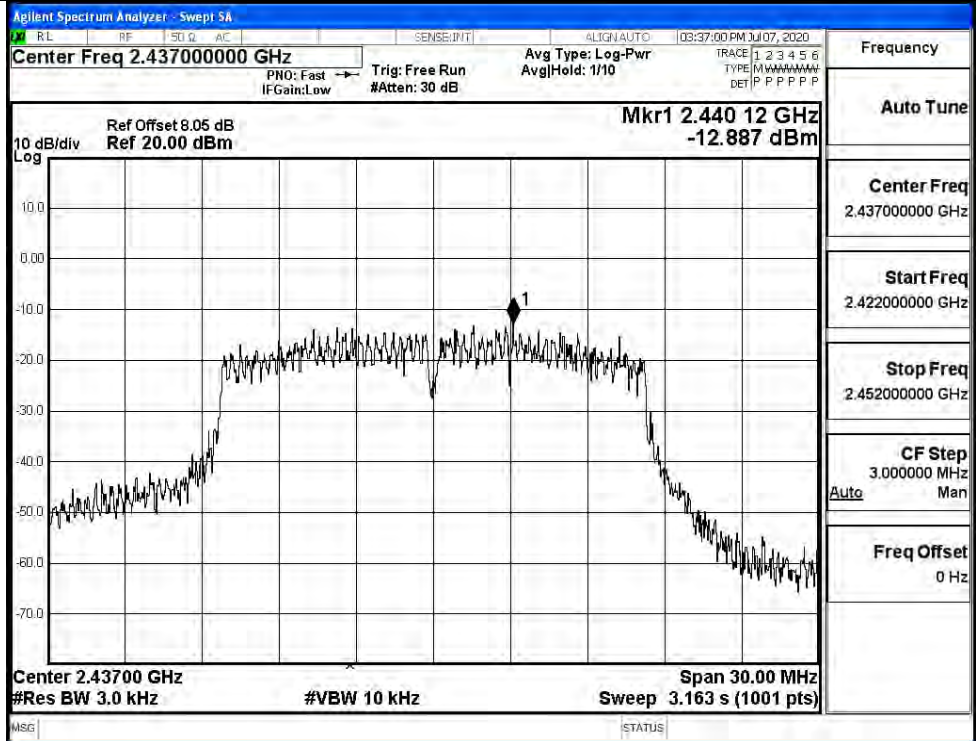
11B/HCH



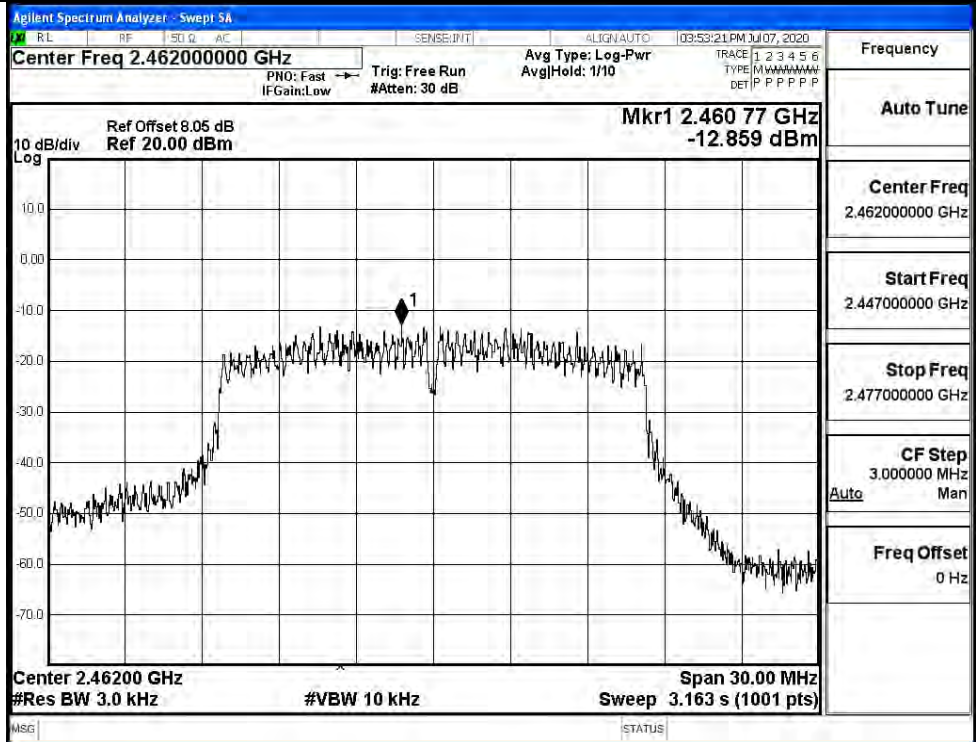
11G/LCH



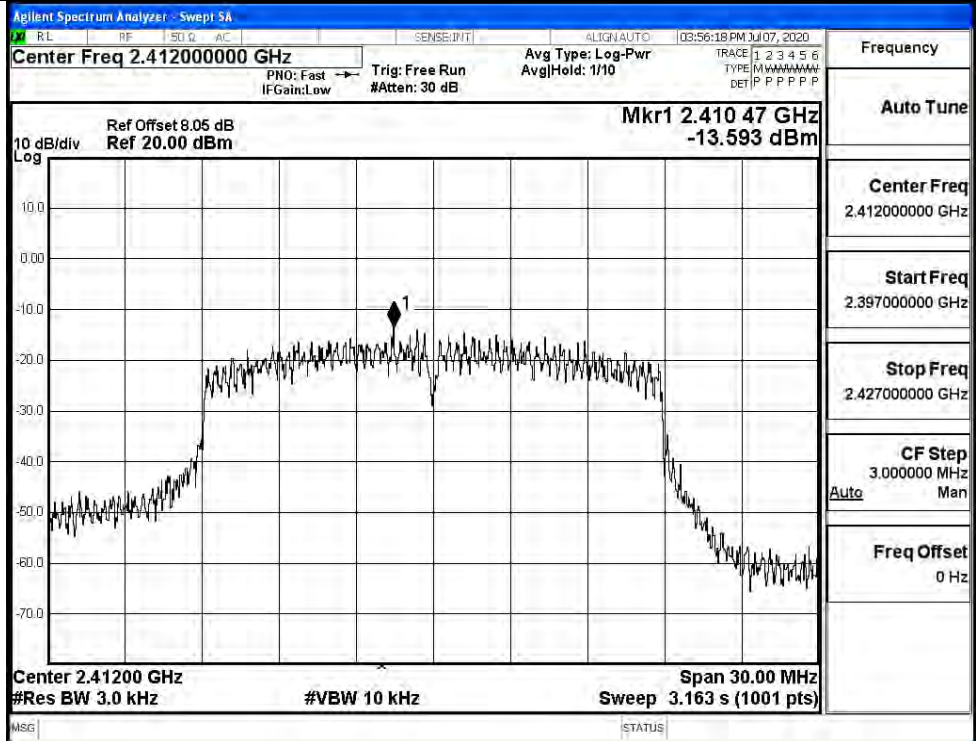
11G/MCH



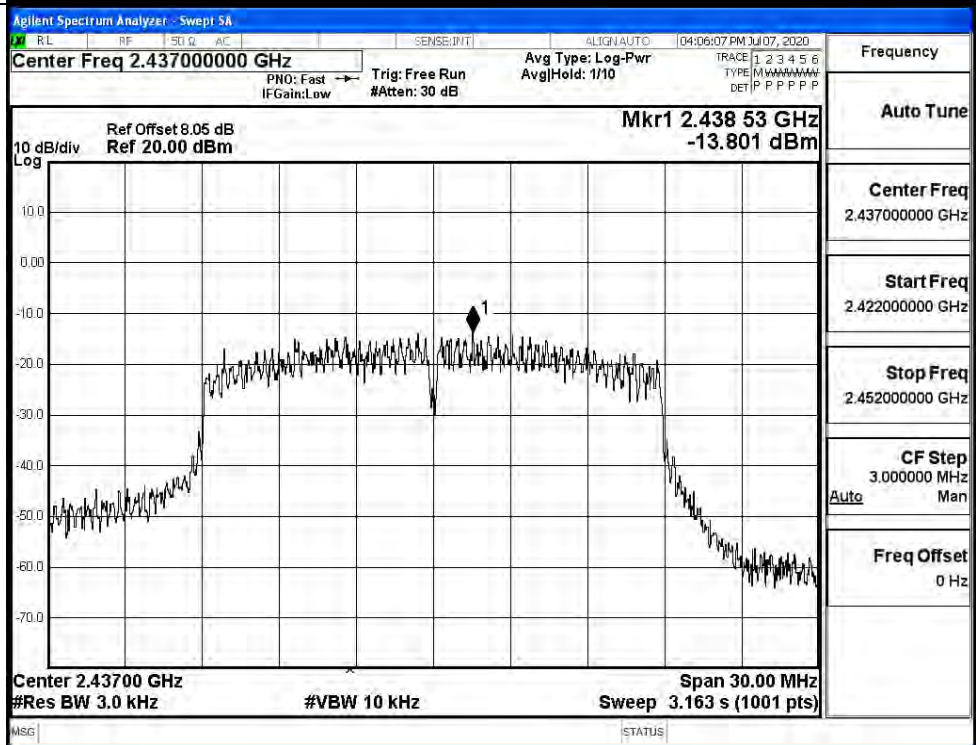
11G/HCH



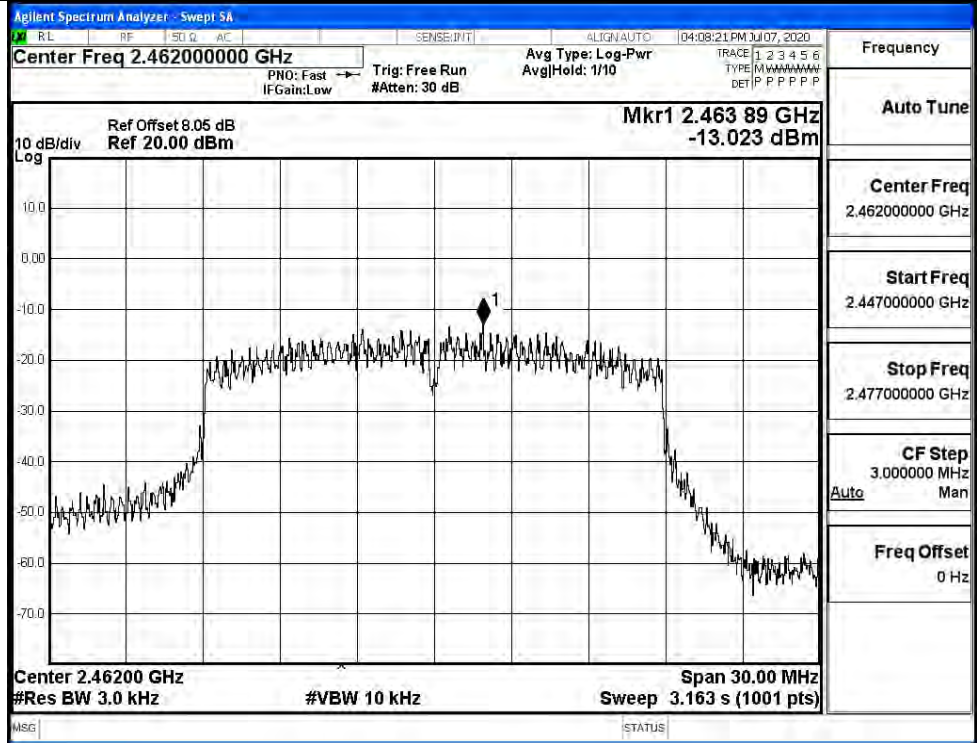
11N20SISO/LCH



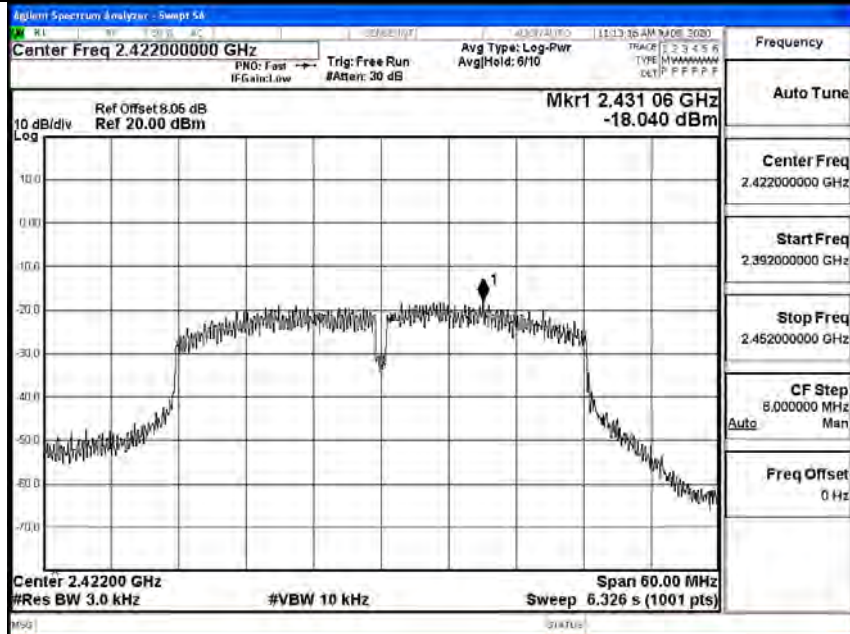
11N20SISO/MCH

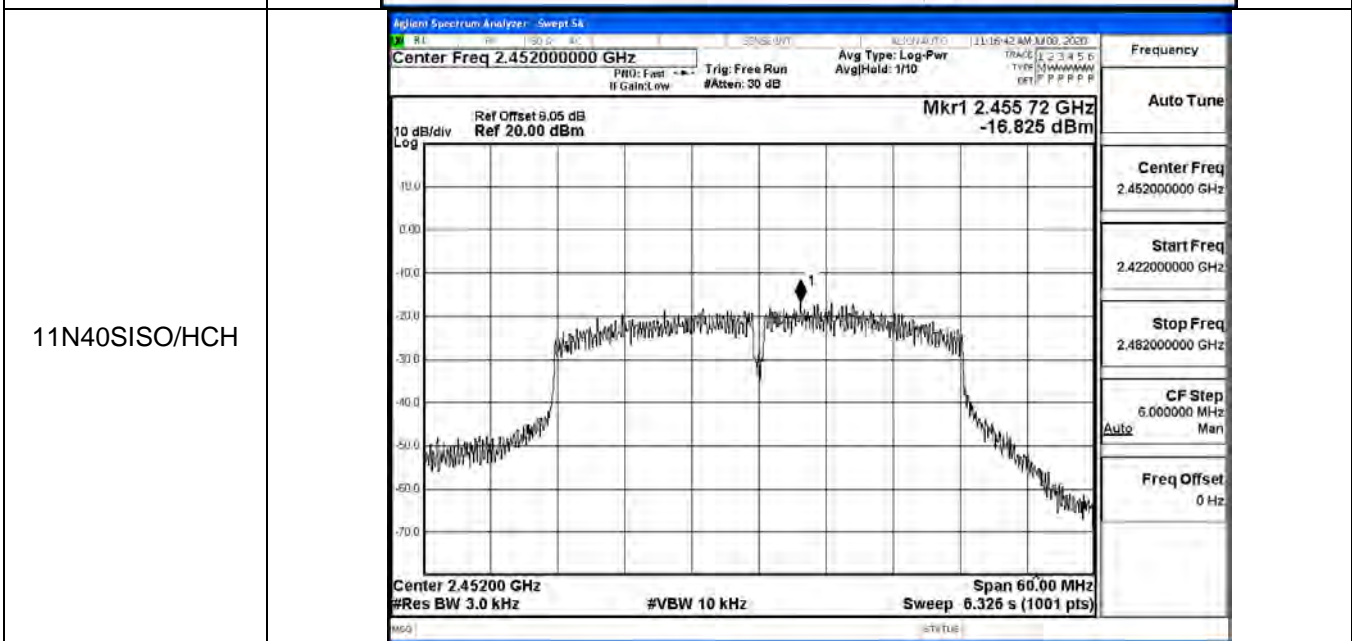
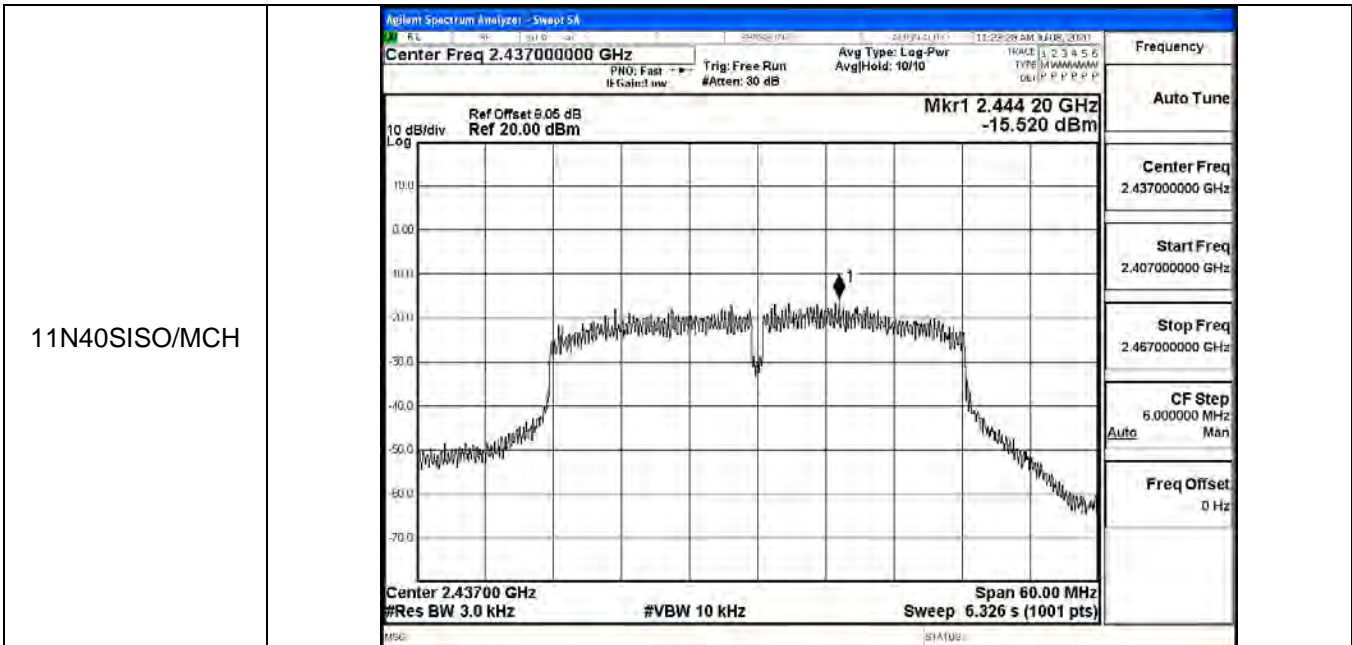


11N20SISO/HCH



11N40SISO/LCH

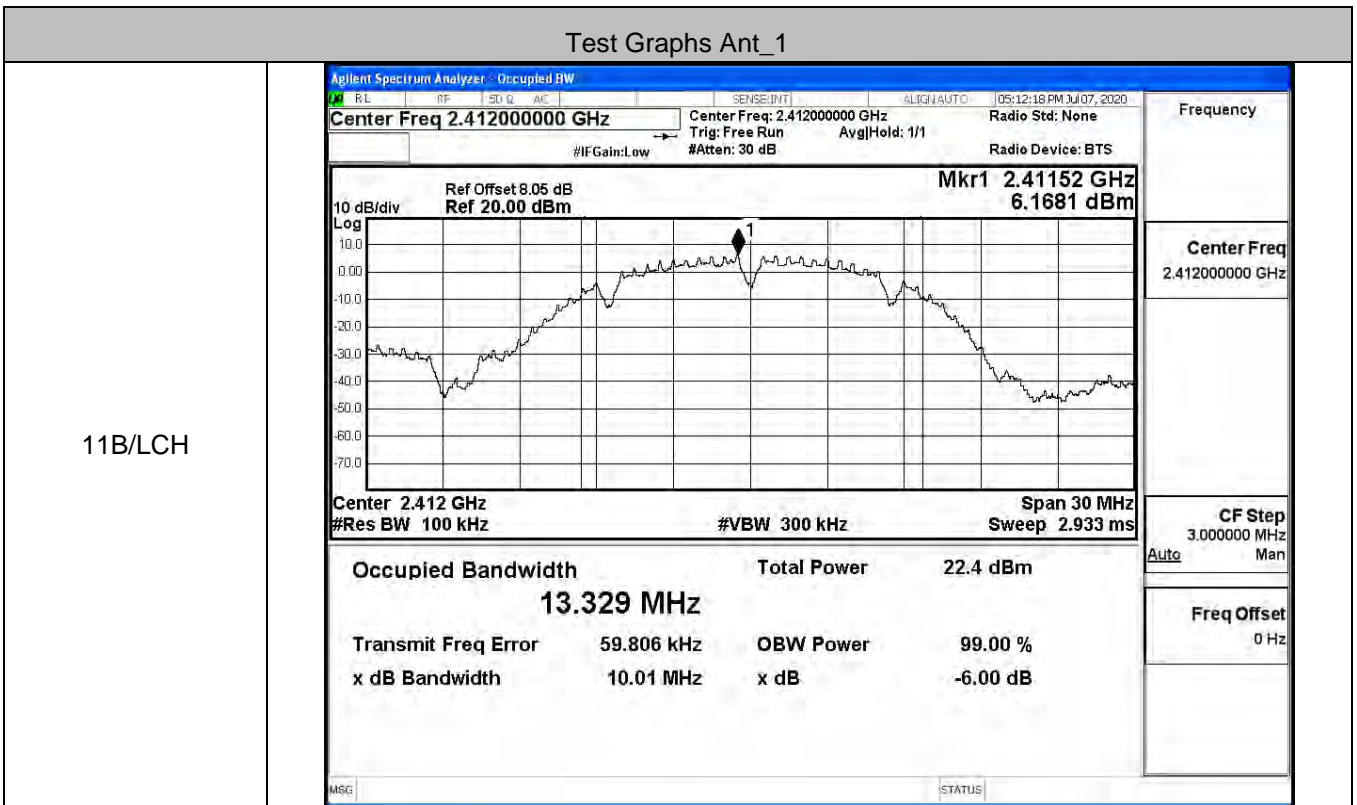




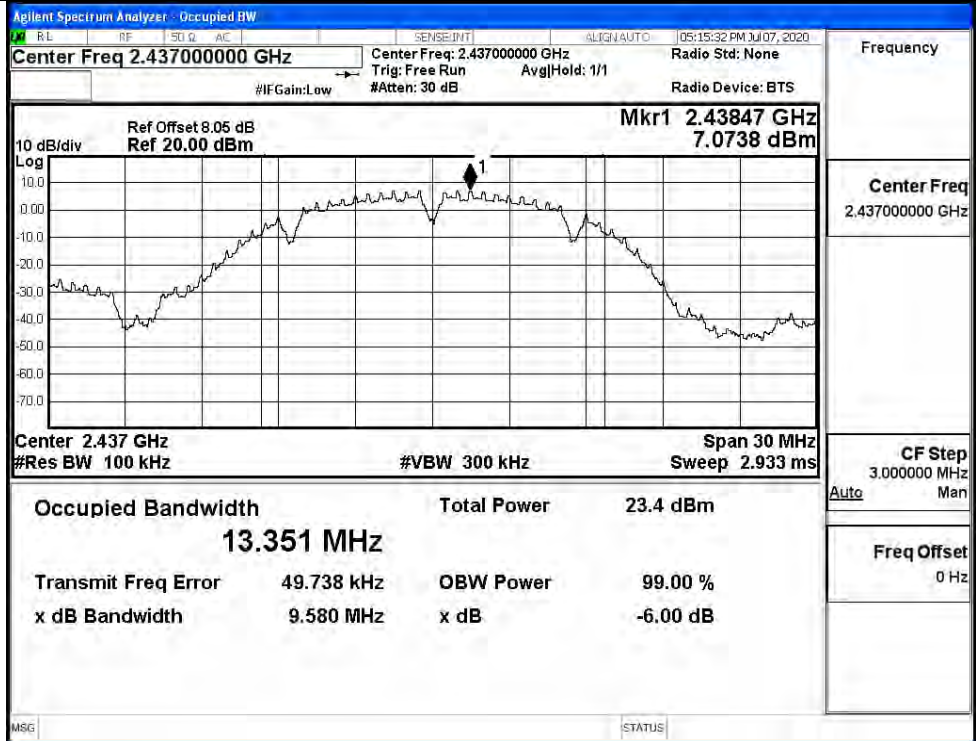
A.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]		Limit [MHz]	Verdict
		Ant_1	Ant_2		
11B	LCH	10.01	10.06	≥0.5	PASS
	MCH	9.580	10.06	≥0.5	PASS
	HCH	9.591	9.582	≥0.5	PASS
11G	LCH	15.08	15.11	≥0.5	PASS
	MCH	15.13	15.12	≥0.5	PASS
	HCH	15.08	13.90	≥0.5	PASS
11N20SISO	LCH	15.11	15.08	≥0.5	PASS
	MCH	15.05	15.10	≥0.5	PASS
	HCH	15.10	15.14	≥0.5	PASS
11N40SISO	LCH	33.88	33.89	≥0.5	PASS
	MCH	33.87	33.89	≥0.5	PASS
	HCH	33.88	33.89	≥0.5	PASS

Test Graphs Ant_1

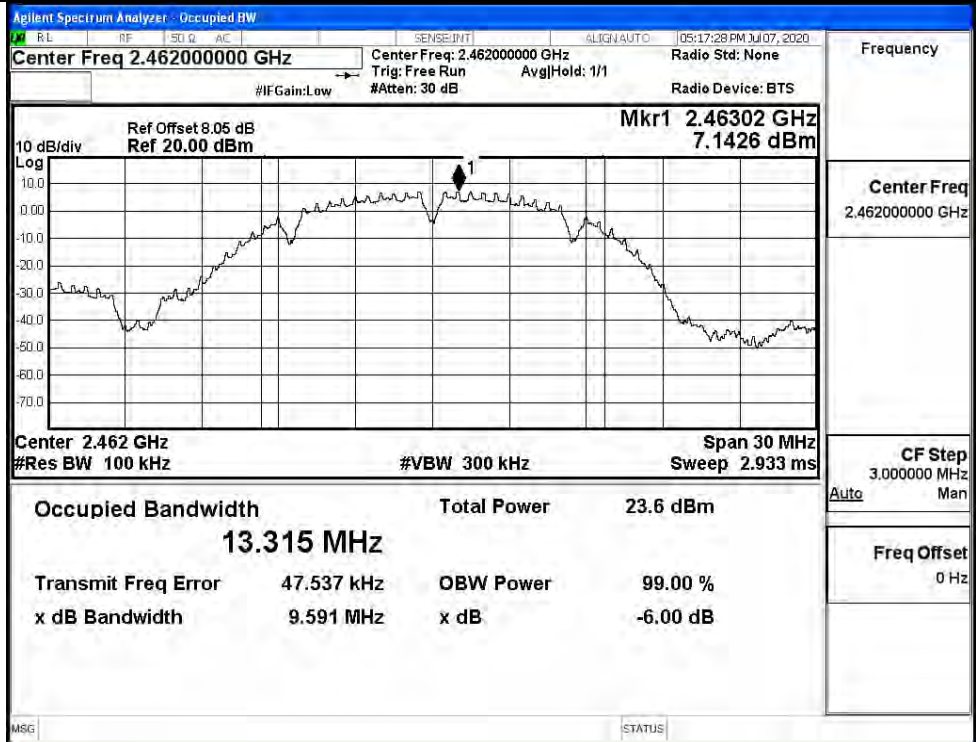


11B/MCH



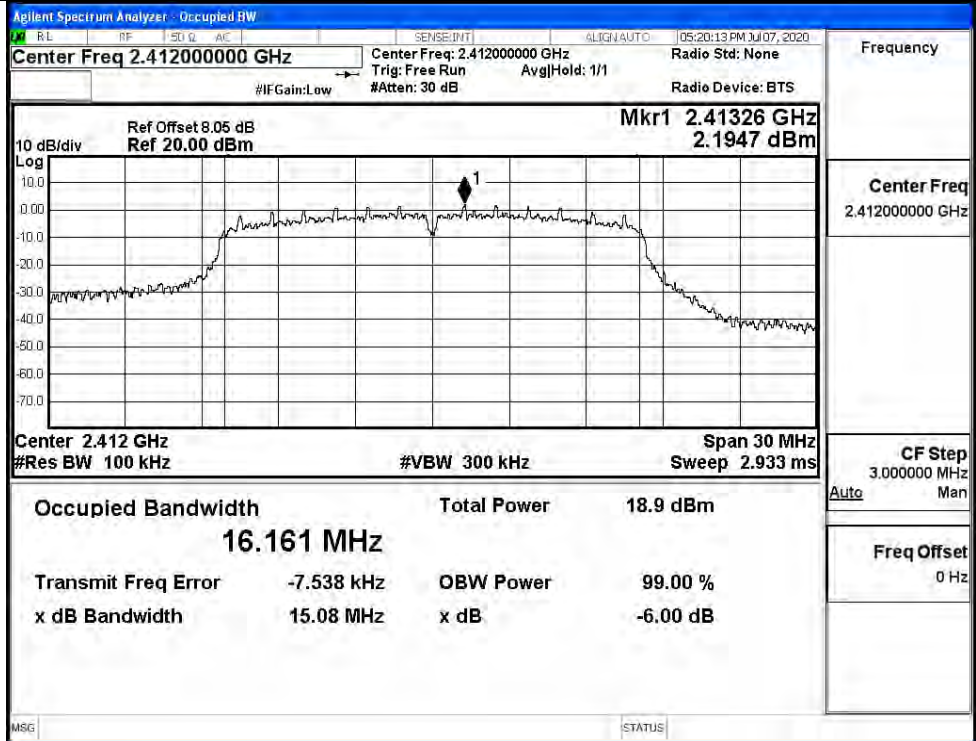
Frequency	2.43700000 GHz
Center Freq	2.43700000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11B/HCH



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

11G/LCH



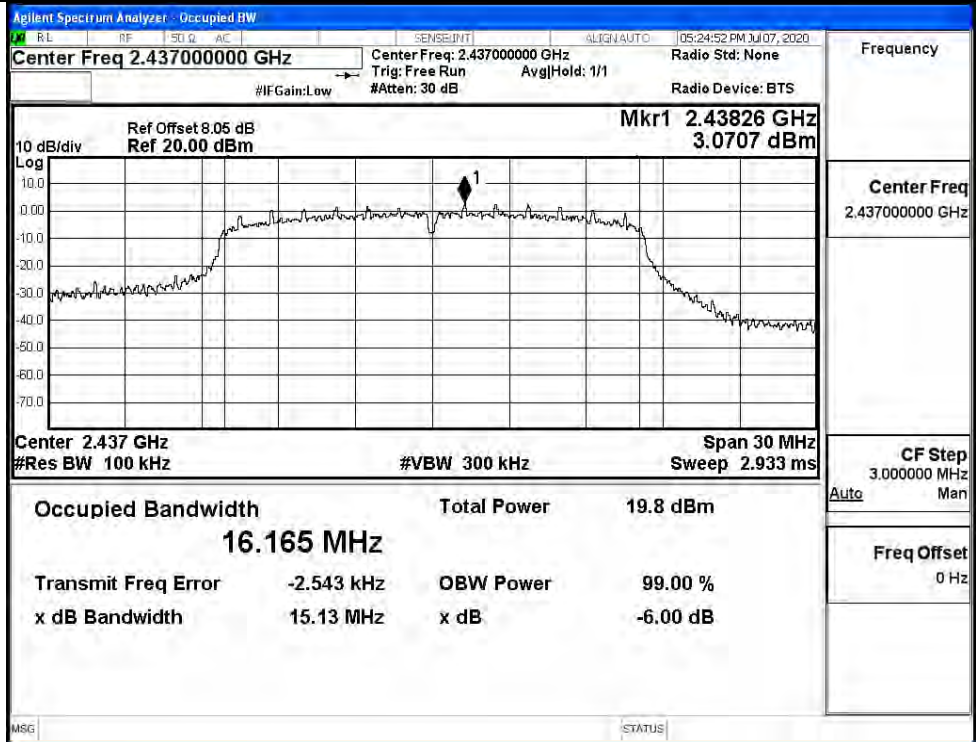
Frequency

Center Freq
2.41200000 GHz

CF Step
3.000000 MHz

Freq Offset
0 Hz

11G/MCH



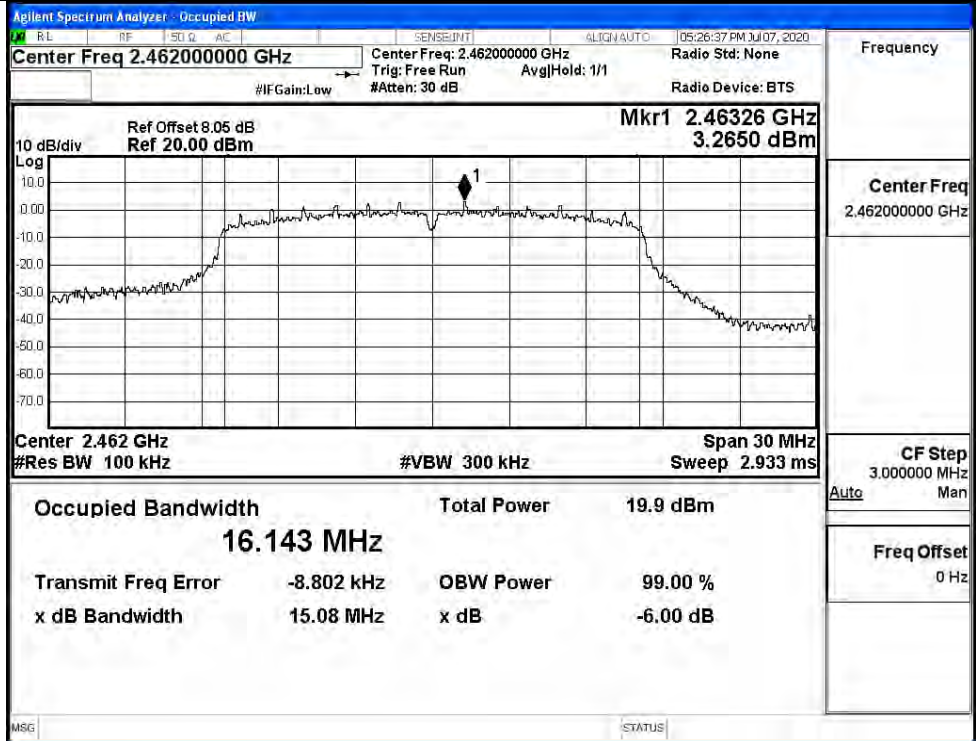
Frequency

Center Freq
2.43700000 GHz

CF Step
3.000000 MHz

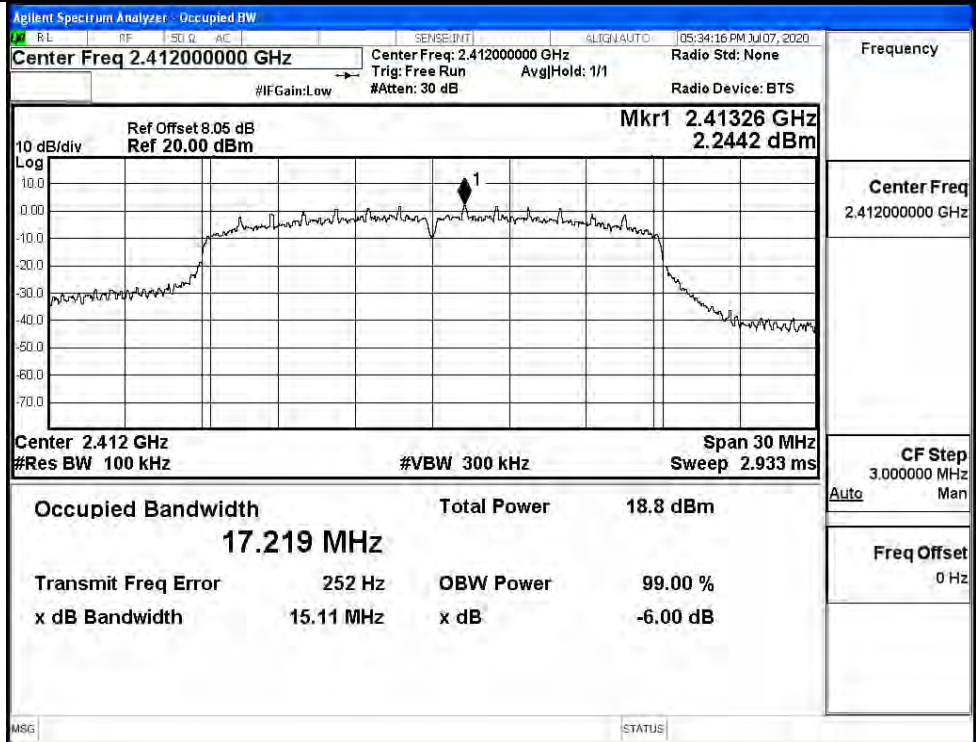
Freq Offset
0 Hz

11G/HCH



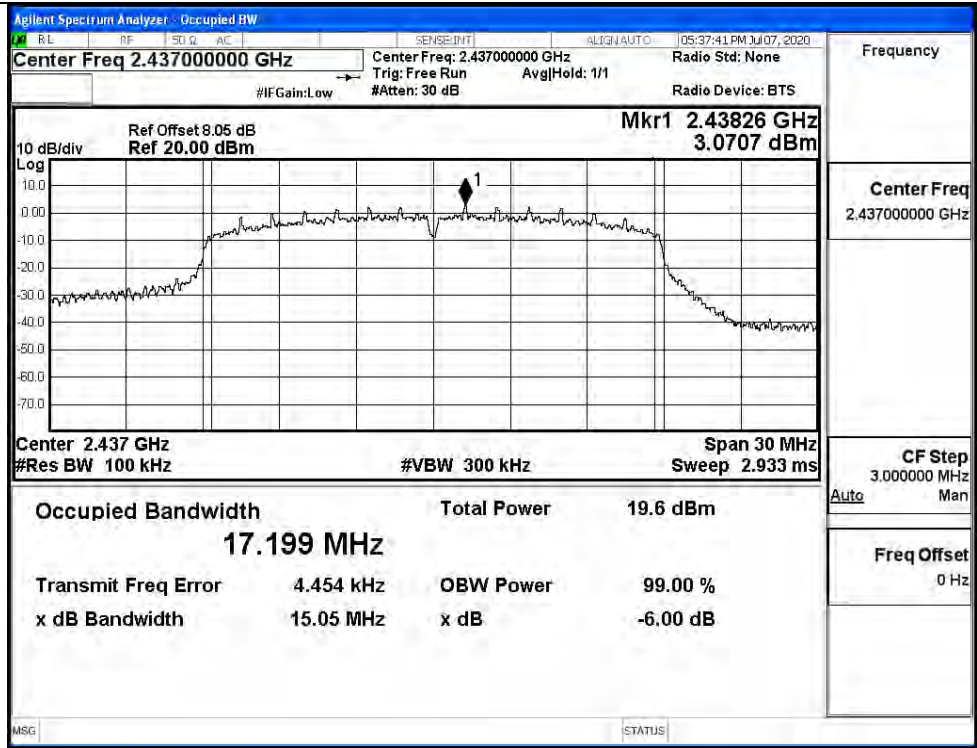
Frequency	2.46200000 GHz
Center Freq	2.46200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11N20SISO/LCH

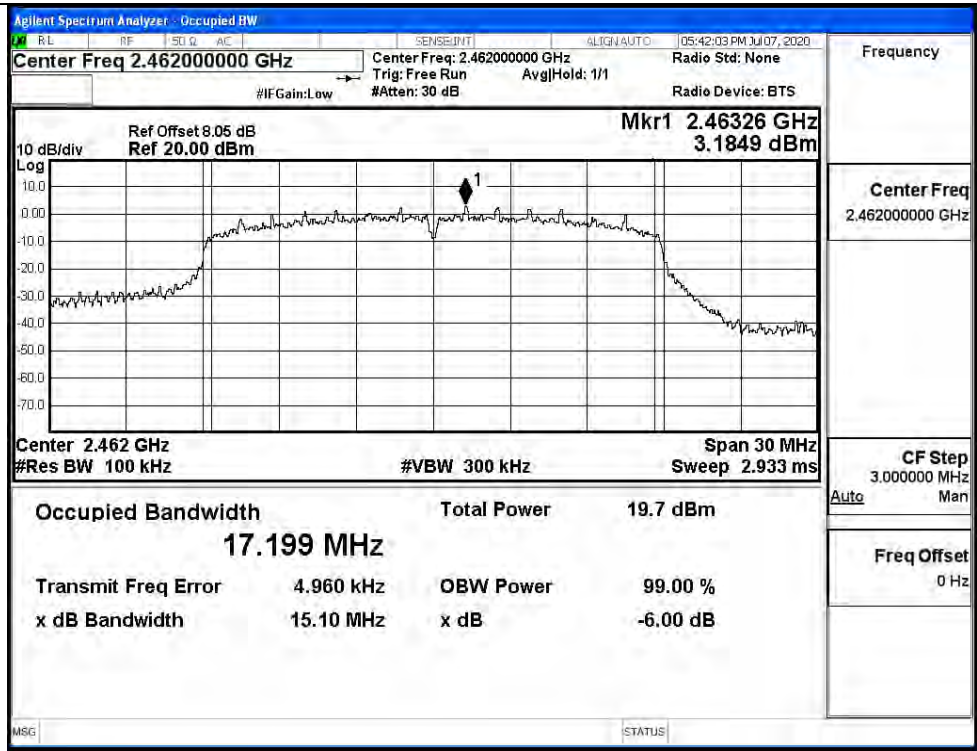


Frequency	2.41200000 GHz
Center Freq	2.41200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

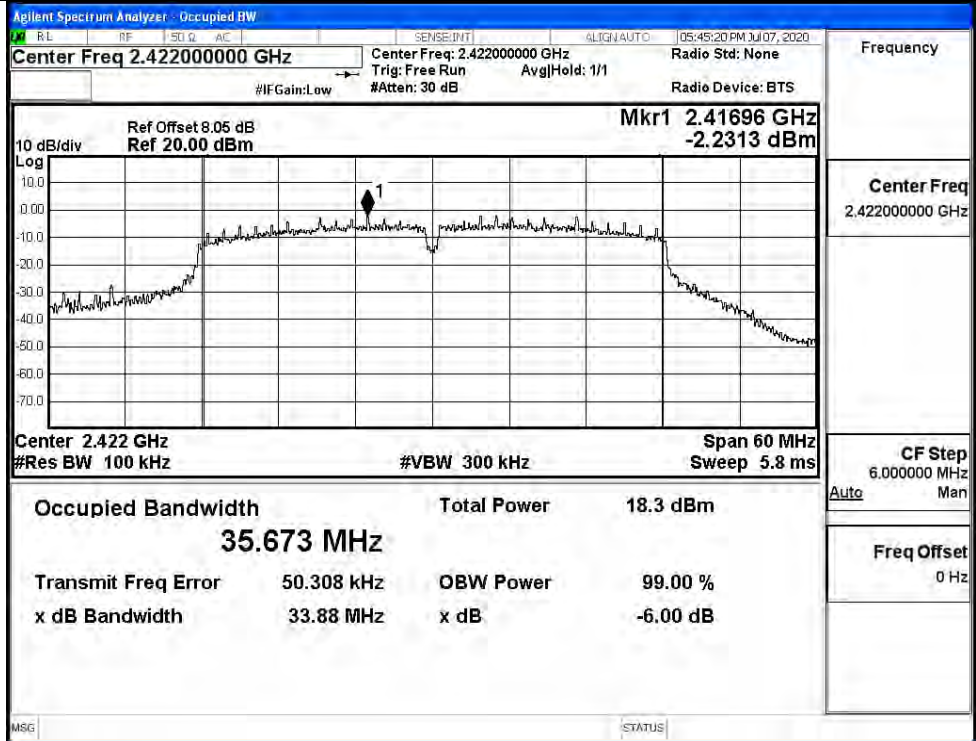
11N20SISO/MCH



11N20SISO/HCH

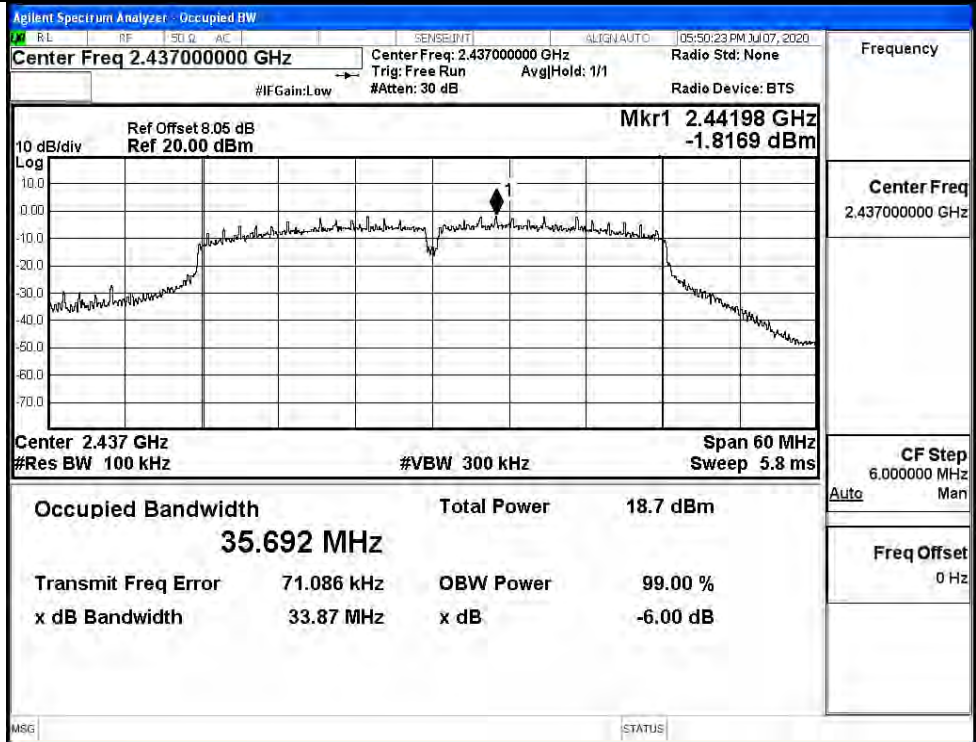


11N40SISO/LCH



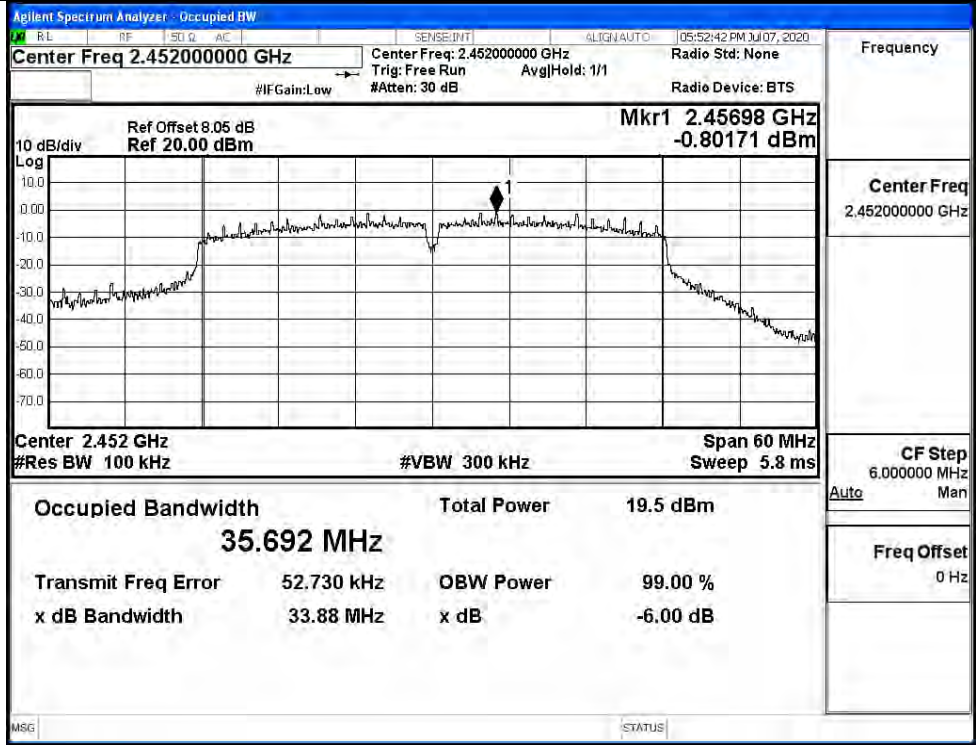
Frequency	2.42200000 GHz
Center Freq	2.42200000 GHz
CF Step	6.000000 MHz Auto Man
Freq Offset	0 Hz

11N40SISO/MCH



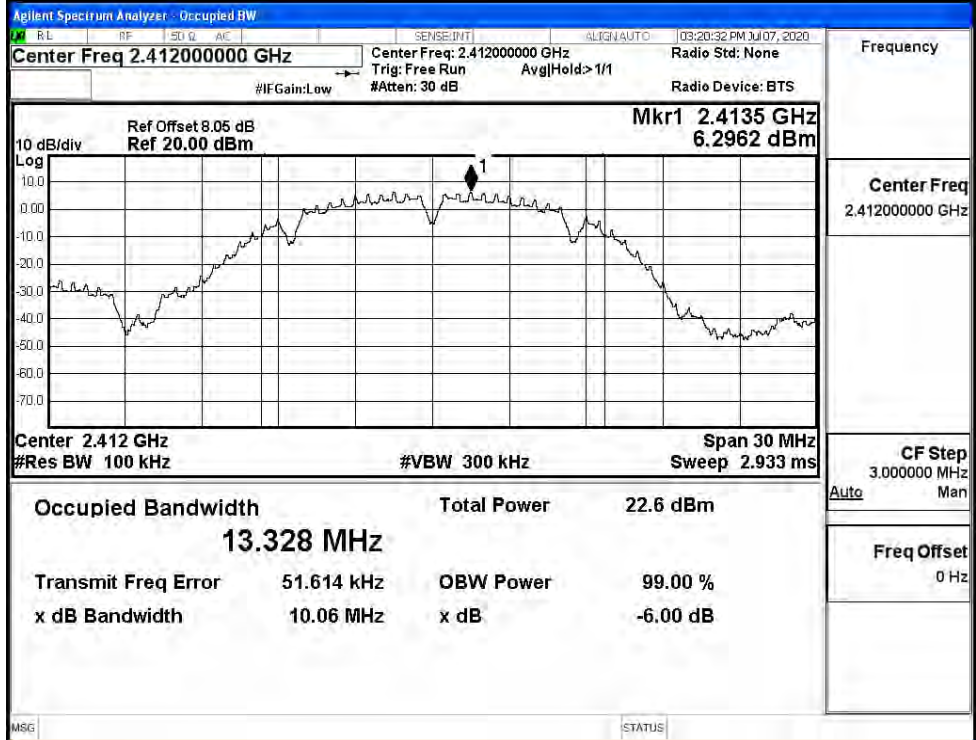
Frequency	2.43700000 GHz
Center Freq	2.43700000 GHz
CF Step	6.000000 MHz Auto Man
Freq Offset	0 Hz

11N40SISO/HCH



Test Graphs Ant_2

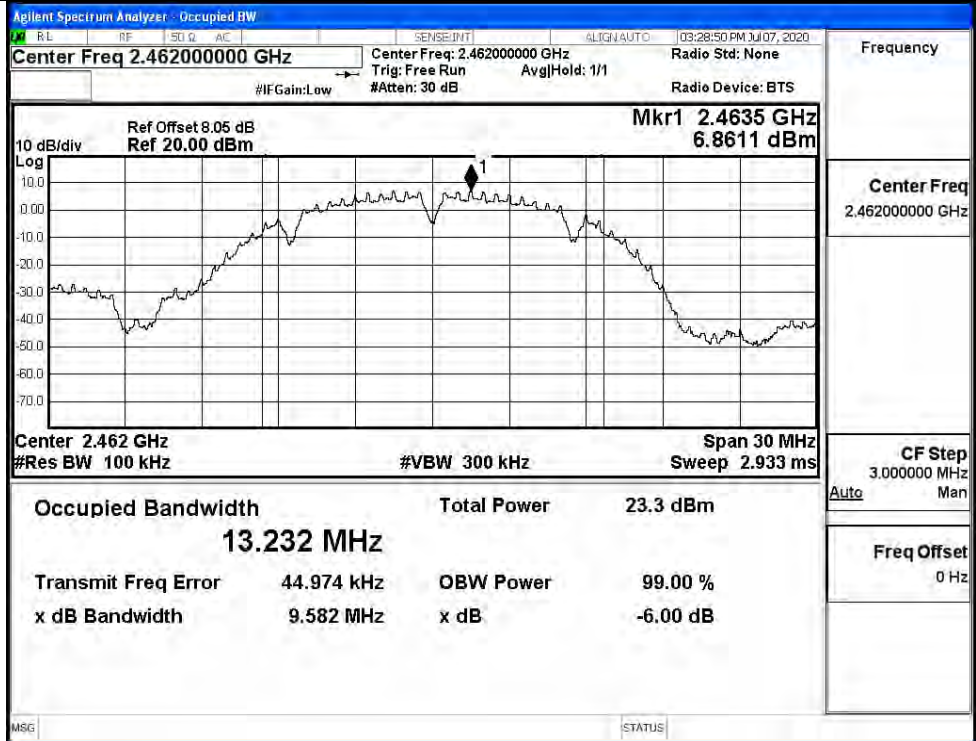
11B/LCH



11B/MCH

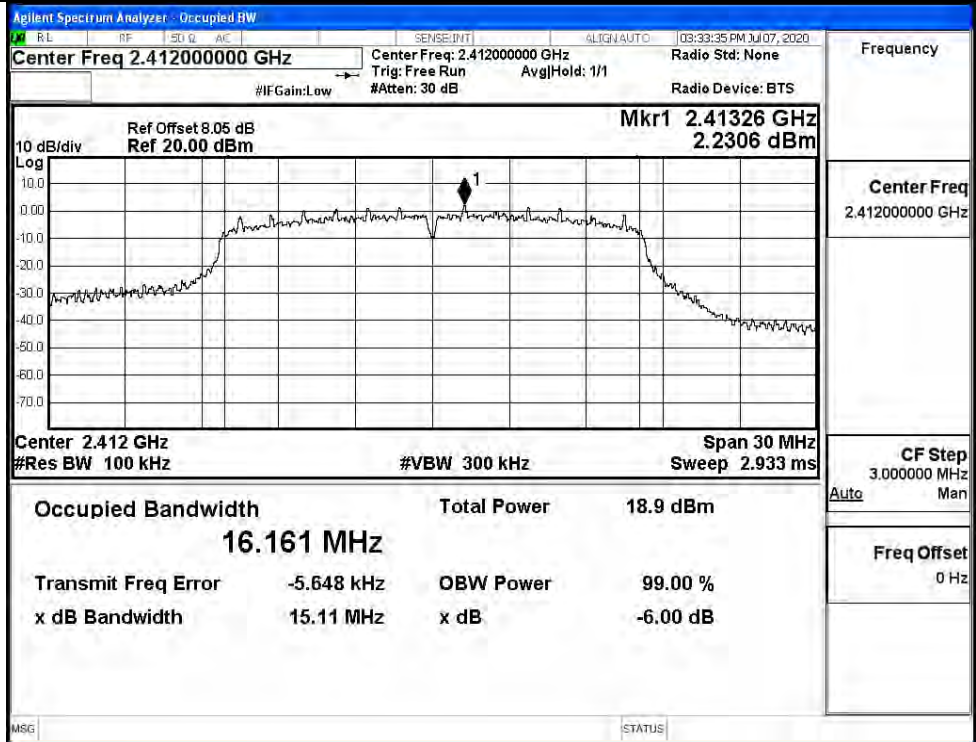


11B/HCH



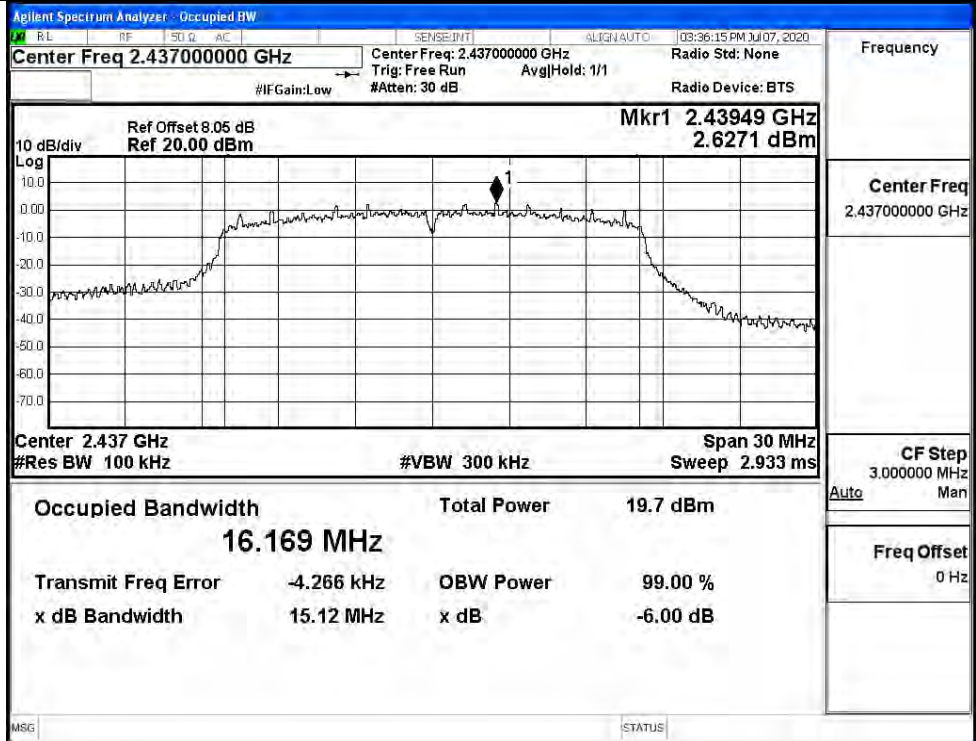
Frequency	2.46200000 GHz
Center Freq	2.46200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11G/LCH



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

11G/MCH



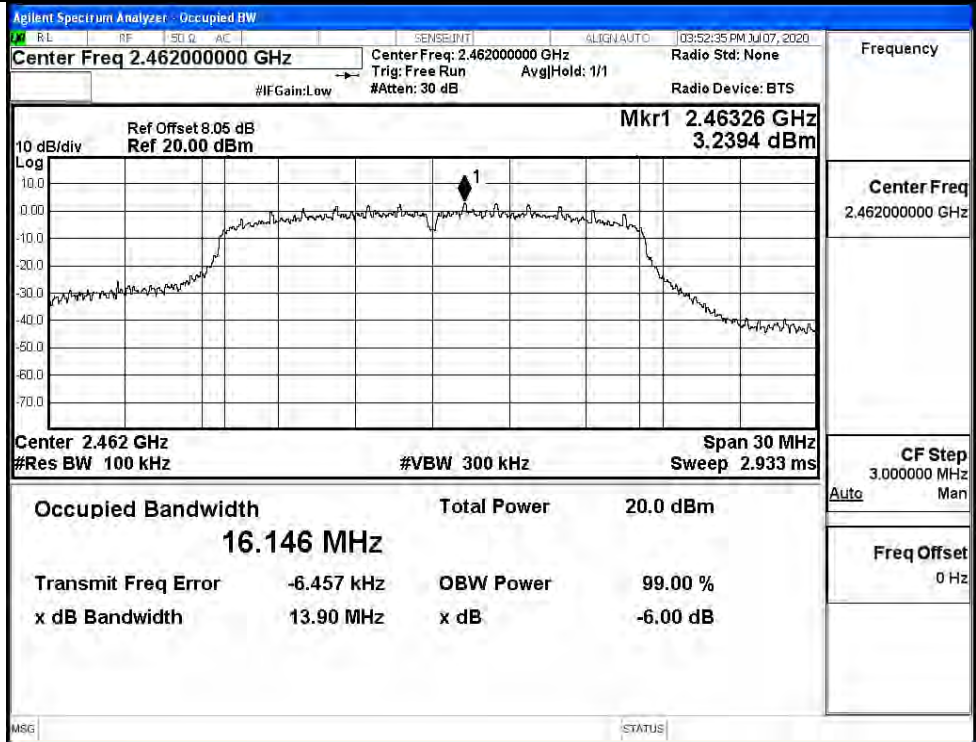
Frequency

Center Freq
2.43700000 GHz

CF Step
3.000000 MHz

Freq Offset
0 Hz

11G/HCH



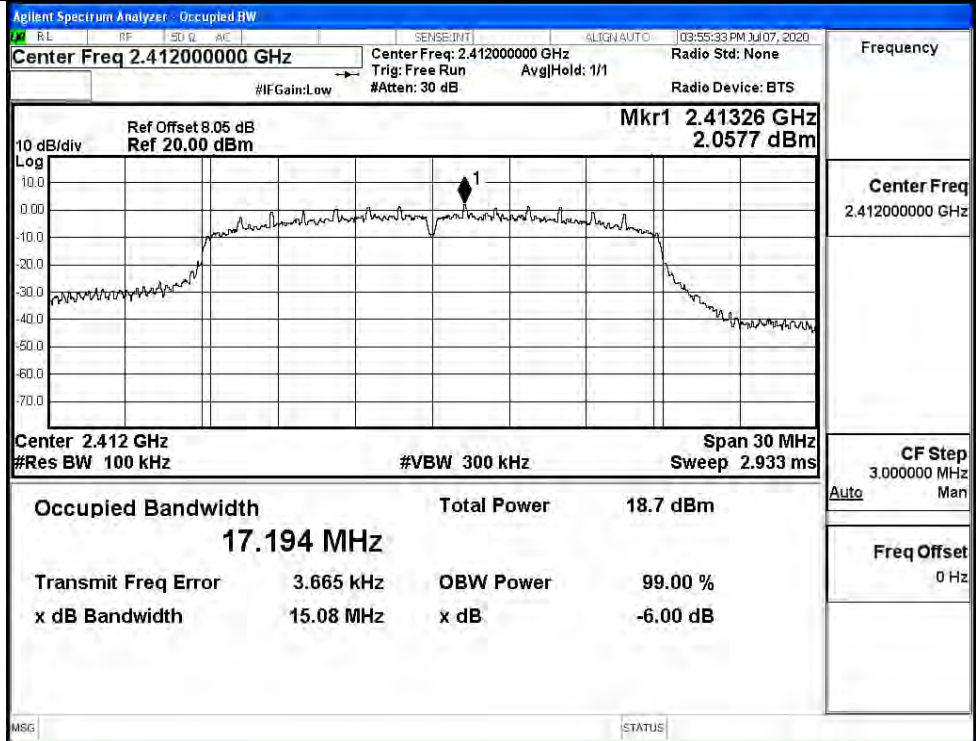
Frequency

Center Freq
2.46200000 GHz

CF Step
3.000000 MHz

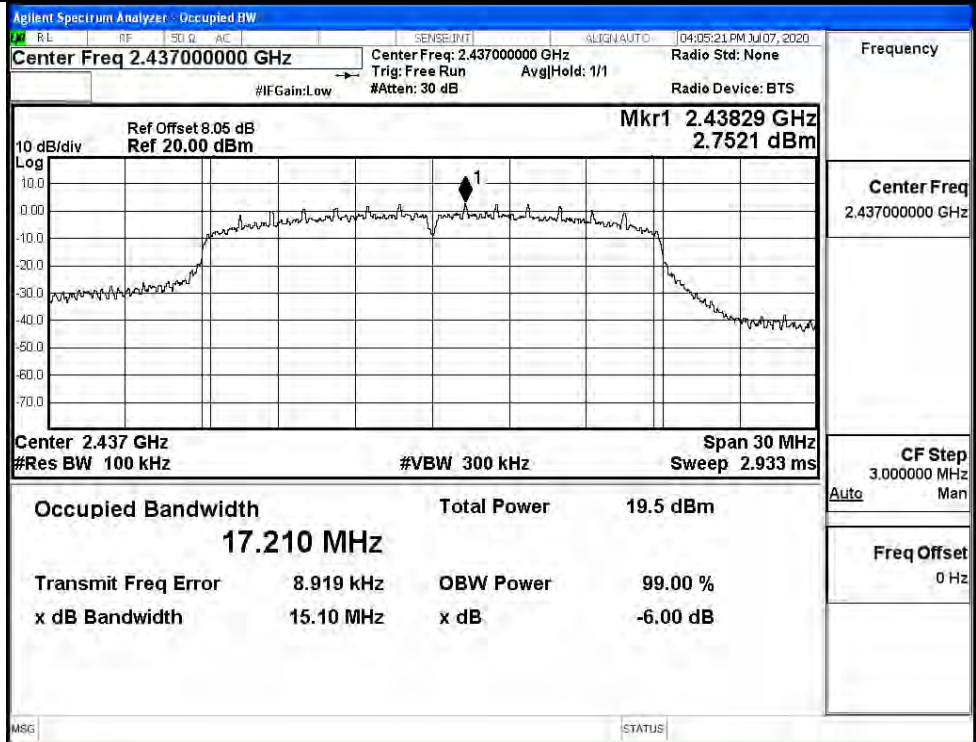
Freq Offset
0 Hz

11N20SISO/LCH



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

11N20SISO/MCH



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

<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz Center Freq: 2.462000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IF Gain: Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.46323 GHz Ref 20.00 dBm 2.5279 dBm</p> <p>Center 2.462 GHz Span 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.187 MHz Total Power 19.7 dBm</p> <p>Transmit Freq Error 4.667 kHz OBW Power 99.00 % x dB Bandwidth 15.14 MHz x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 3.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.42200000 GHz Center Freq: 2.422000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IF Gain: Low #Atten: 30 dB Radio Device: BTS</p> <p>10 dB/div Ref Offset 8.05 dB Mkr1 2.42698 GHz Ref 20.00 dBm -2.2372 dBm</p> <p>Center 2.422 GHz Span 60 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.8 ms</p> <p>Occupied Bandwidth 35.635 MHz Total Power 18.3 dBm</p> <p>Transmit Freq Error 78.964 kHz OBW Power 99.00 % x dB Bandwidth 33.89 MHz x dB -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.42200000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

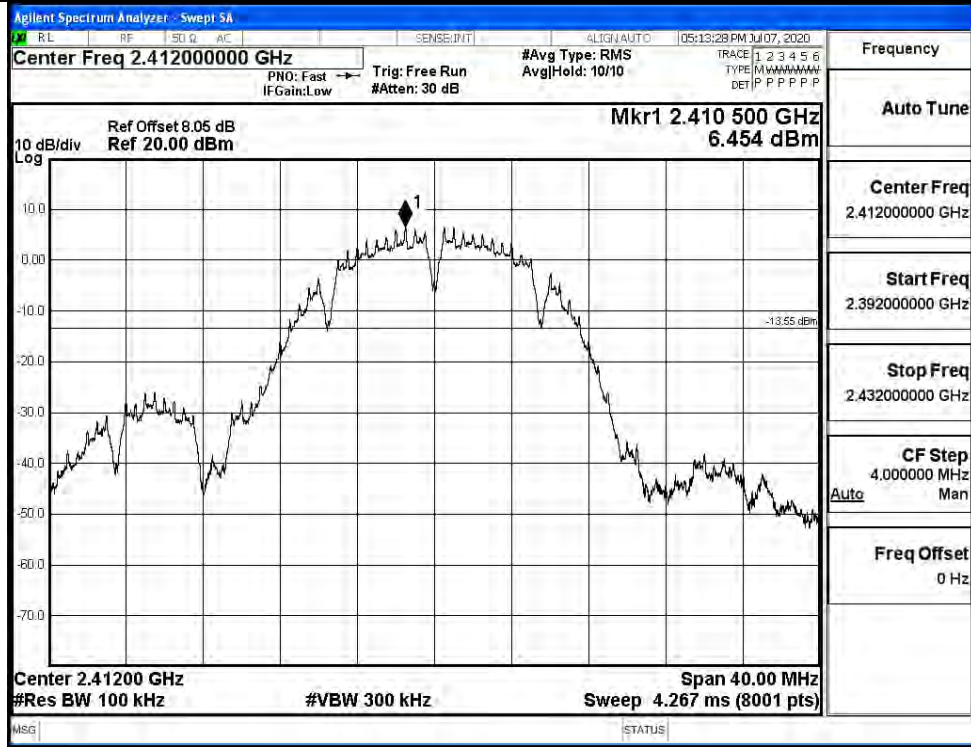
<p>11N40SISO/MCH</p>		<p>Frequency Center Freq 2.437000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/HCH</p>		<p>Frequency Center Freq 2.452000000 GHz</p> <p>CF Step 6.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

A.5 RF Conducted Spurious Emissions**Ant_1**

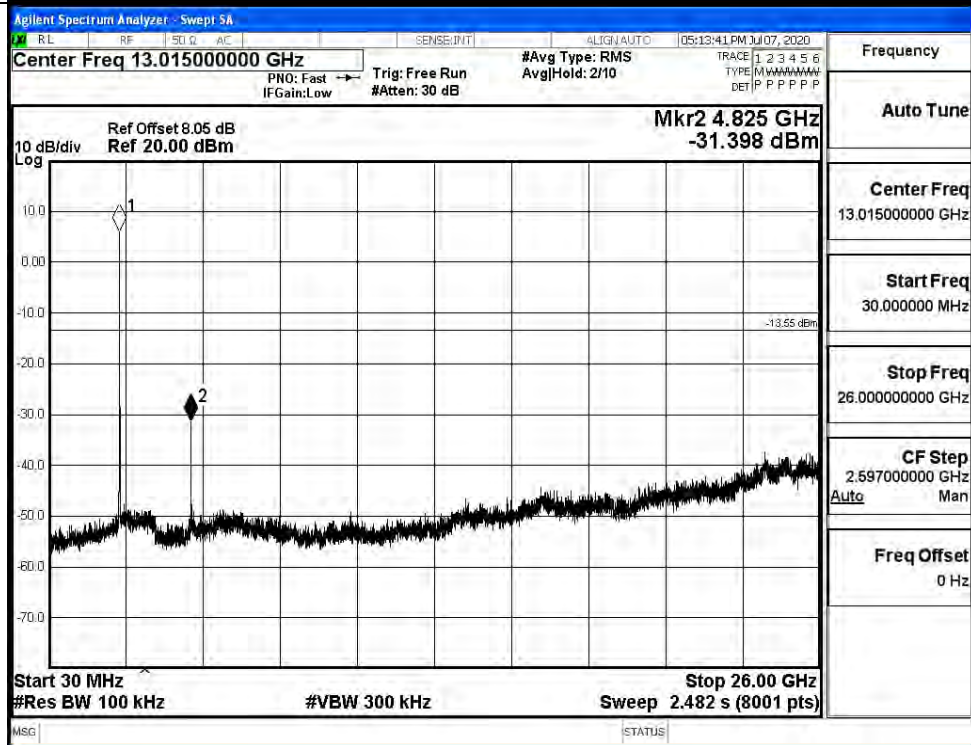
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.454	-31.398	-13.546	PASS
	MCH	7.345	-34.876	-12.655	PASS
	HCH	7.167	-38.003	-12.833	PASS
11G	LCH	2.178	-36.815	-17.822	PASS
	MCH	2.996	-37.891	-17.004	PASS
	HCH	3.197	-36.741	-16.803	PASS
11N20 SISO	LCH	2.156	-38.407	-17.844	PASS
	MCH	2.991	-37.997	-17.009	PASS
	HCH	2.536	-37.335	-17.464	PASS
11N40 SISO	LCH	-2.566	-38.387	-22.566	PASS
	MCH	-1.63	-37.119	-21.630	PASS
	HCH	-1.056	-37.393	-21.056	PASS

11B_LCH_Graphs Ant_1

Pref/11B/LCH

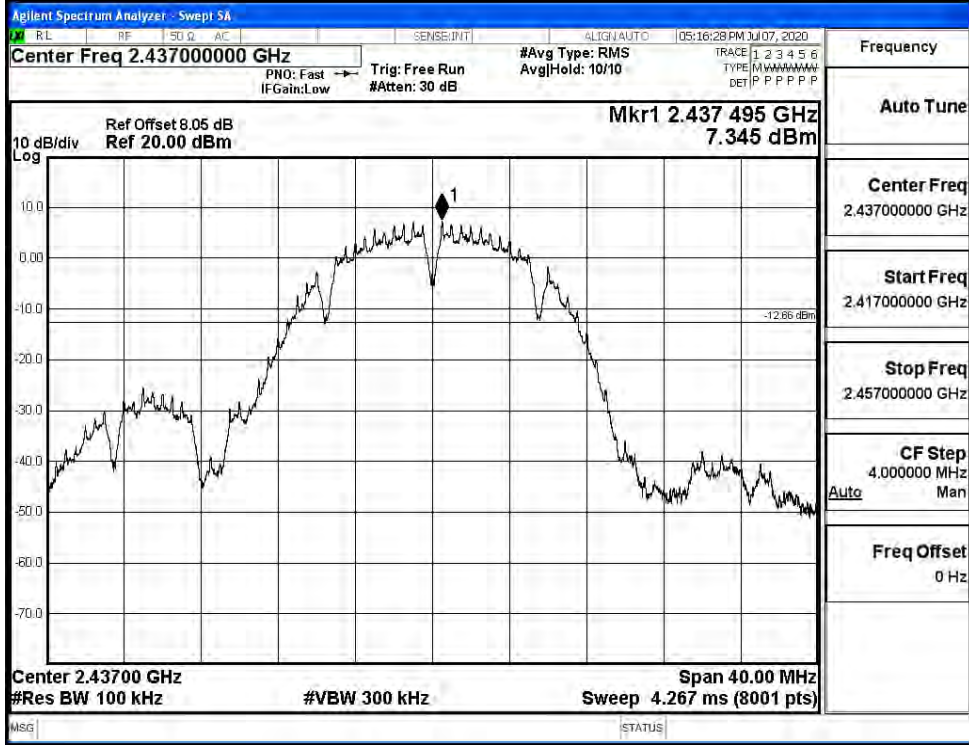


Puw/11B/LCH

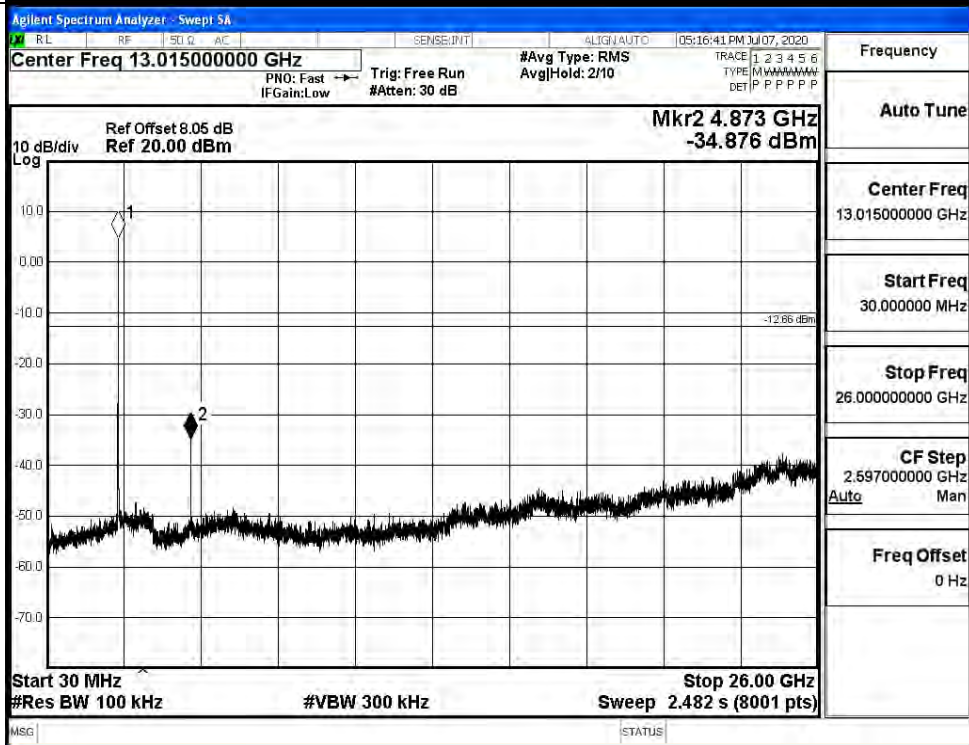


11B_MCH_Graphs Ant_1

Pref/11B/MCH

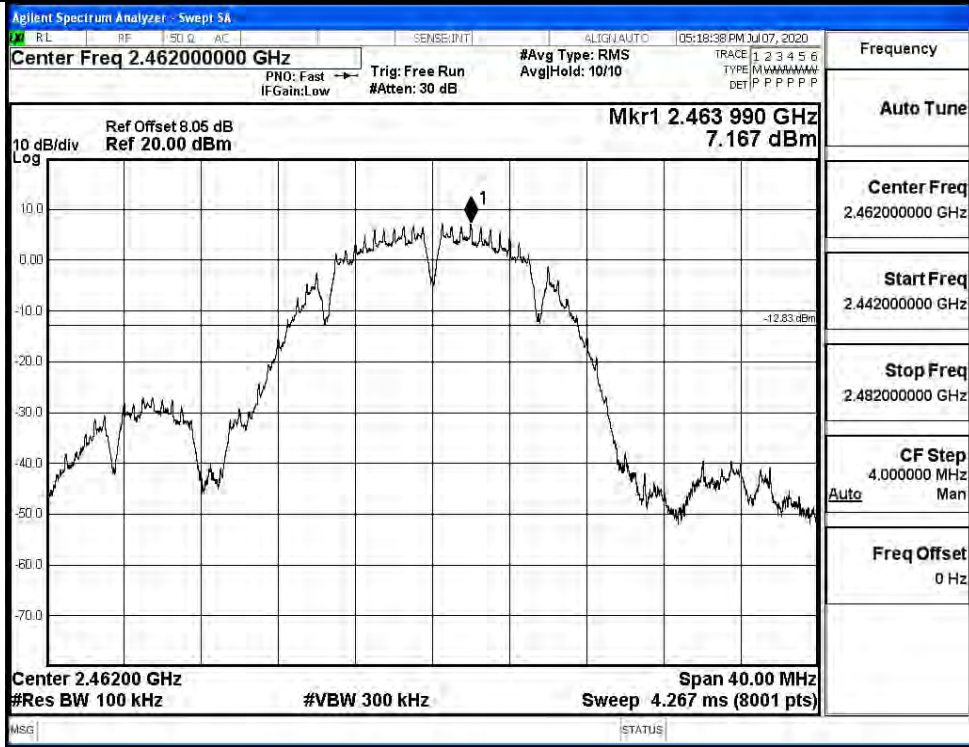


Puw/11B/MCH

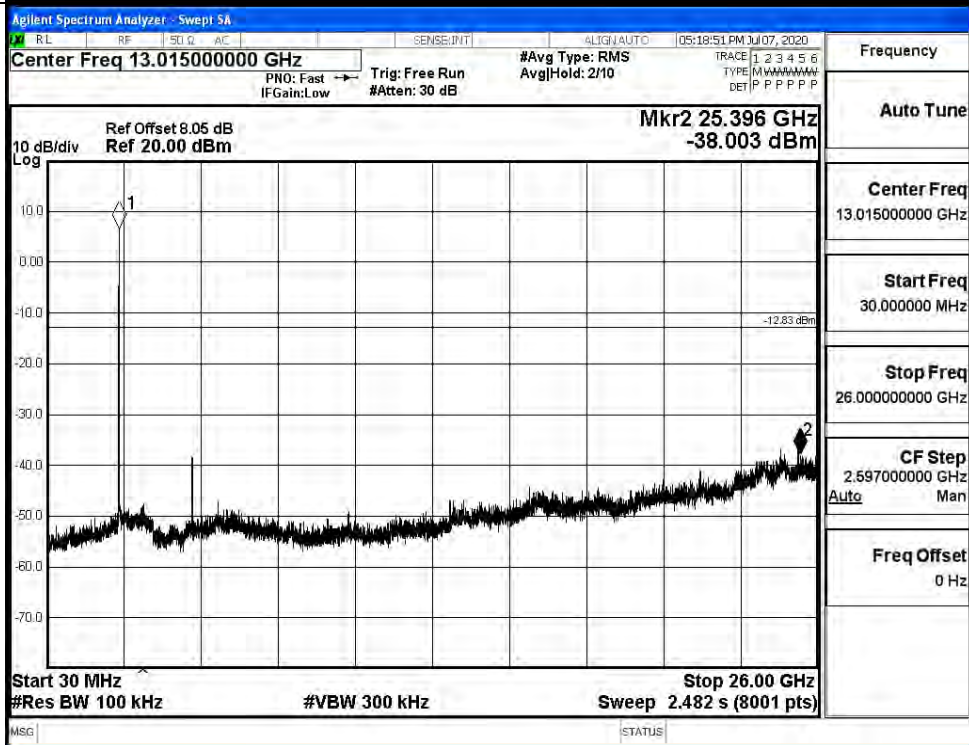


11B_HCH_Graphs Ant_1

Pref/11B/HCH

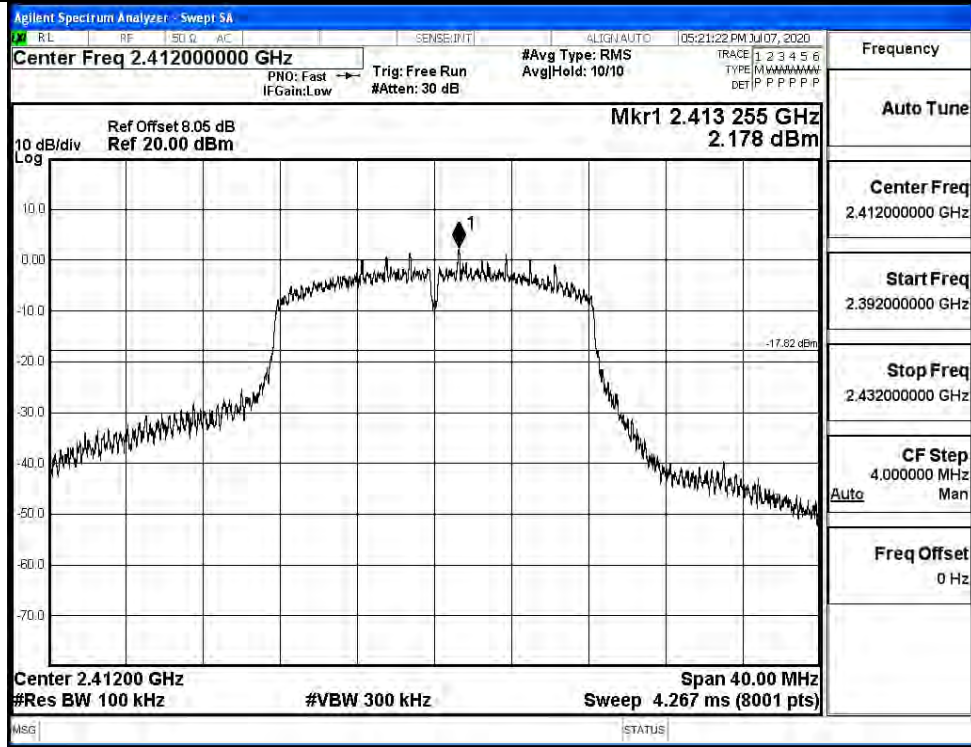


Puw/11B/HCH

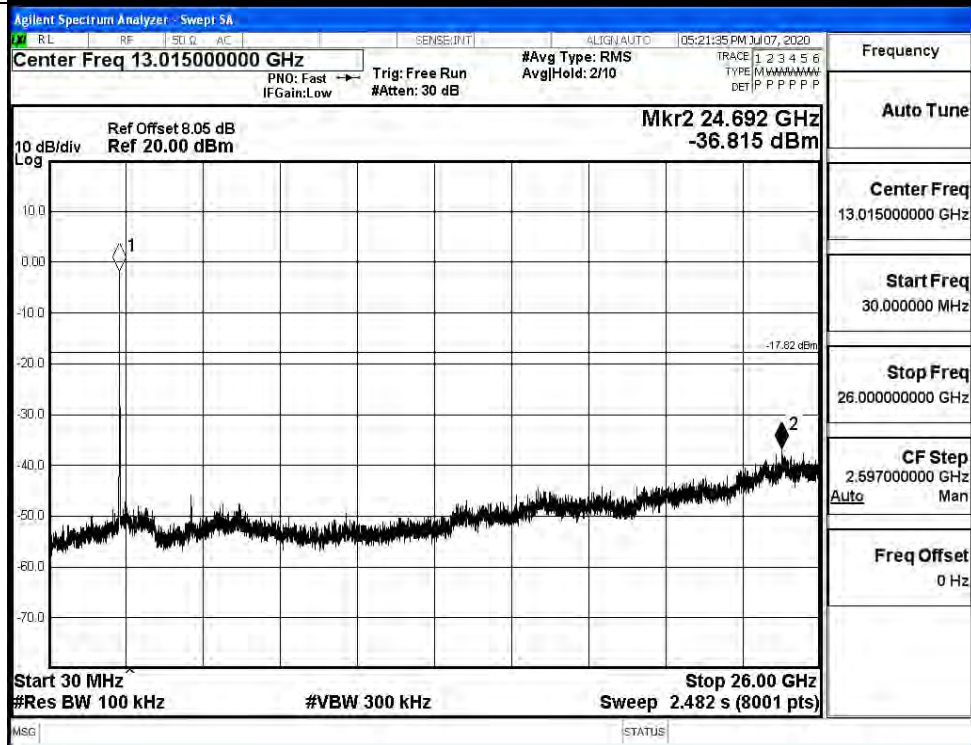


11G_LCH_Graphs Ant_1

Pref/11G/LCH

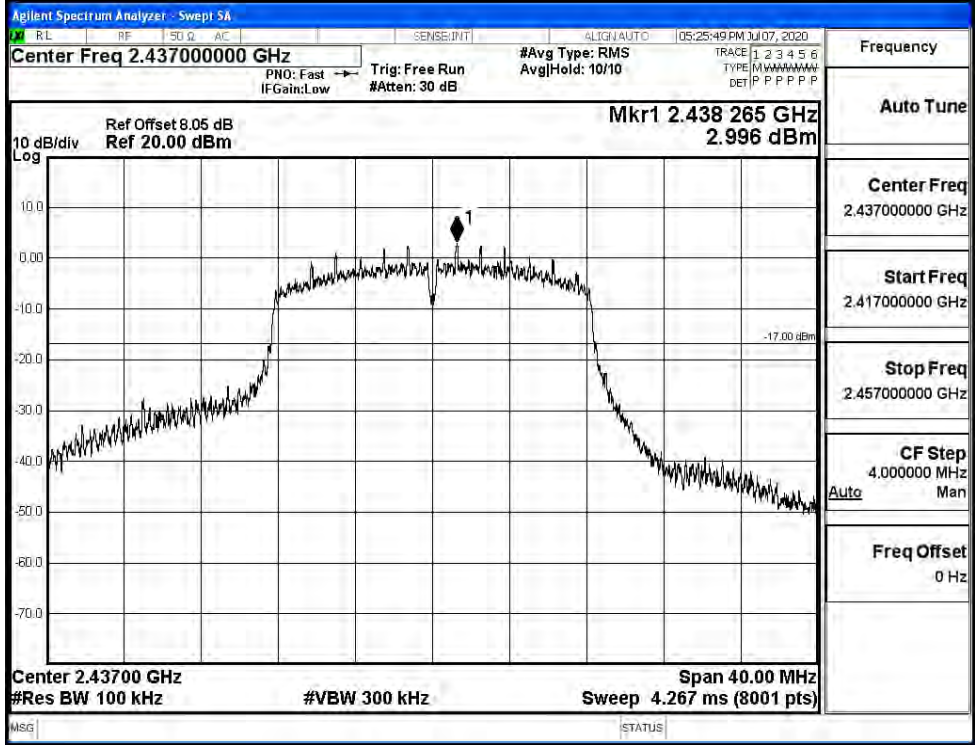


Puw/11G/LCH

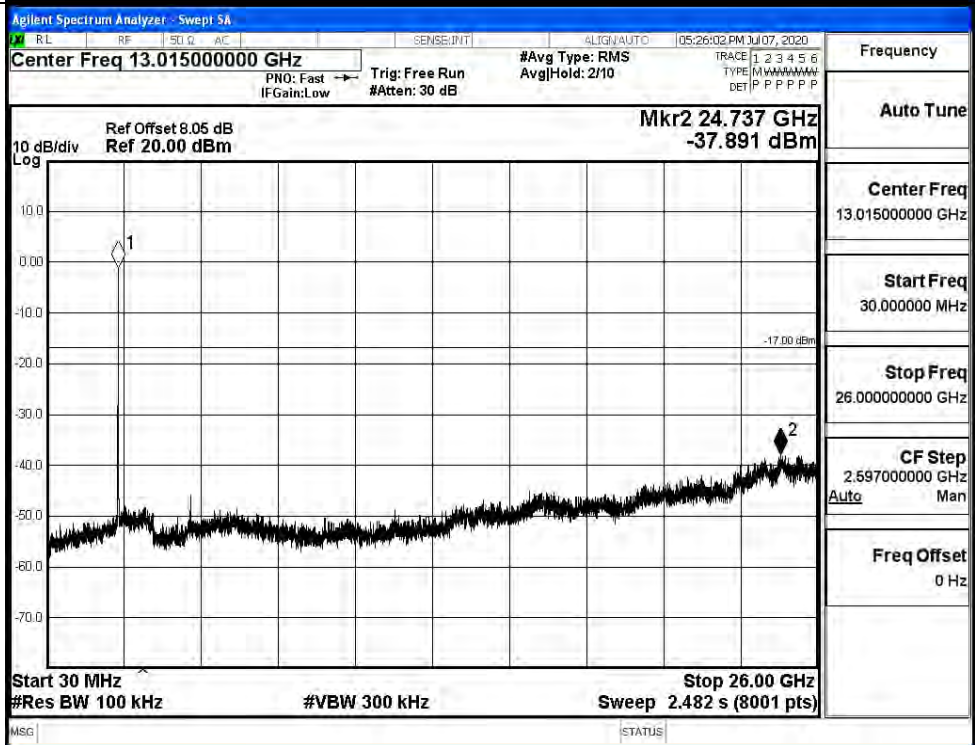


11G_MCH_Graphs Ant_1

Pref/11G/MCH

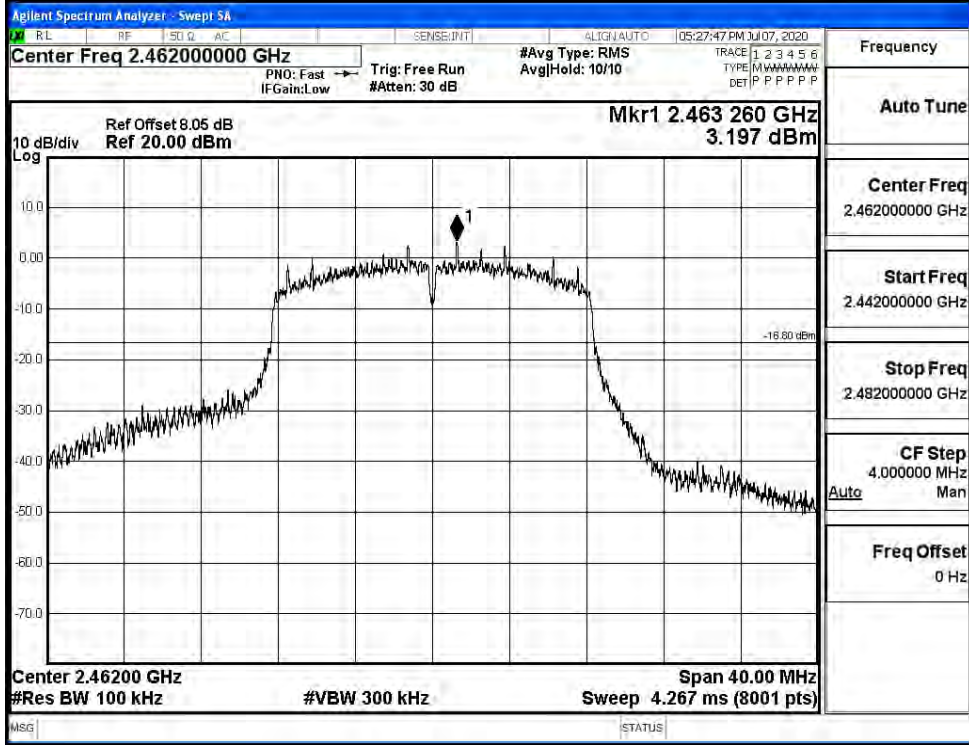


Puw/11G/MCH

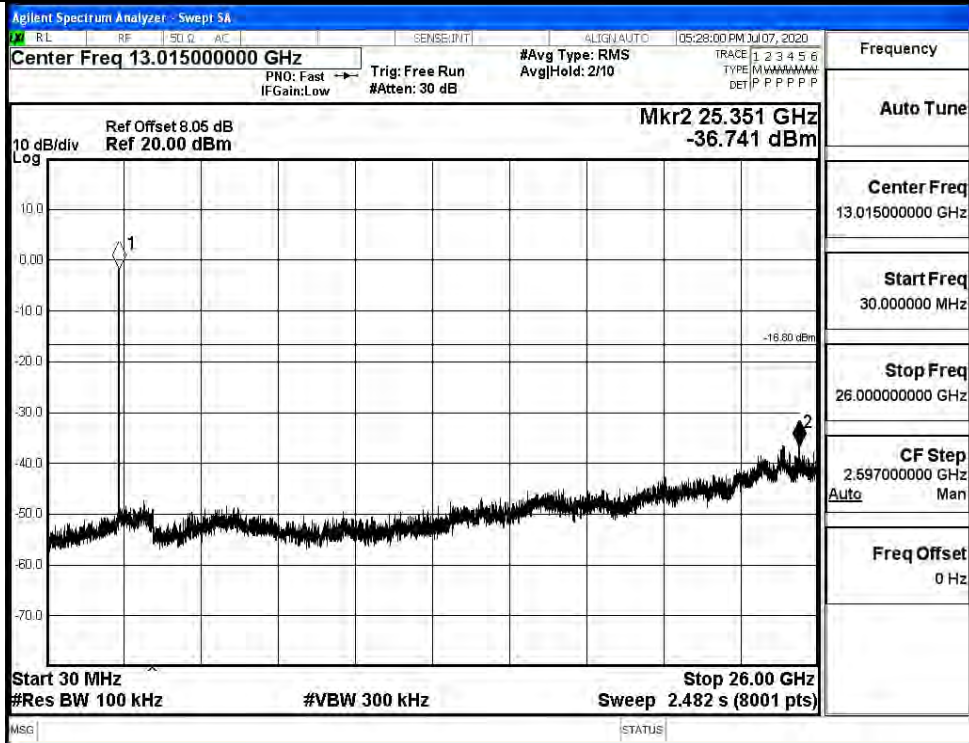


11G_HCH_Graphs Ant_1

Pref/11G/HCH

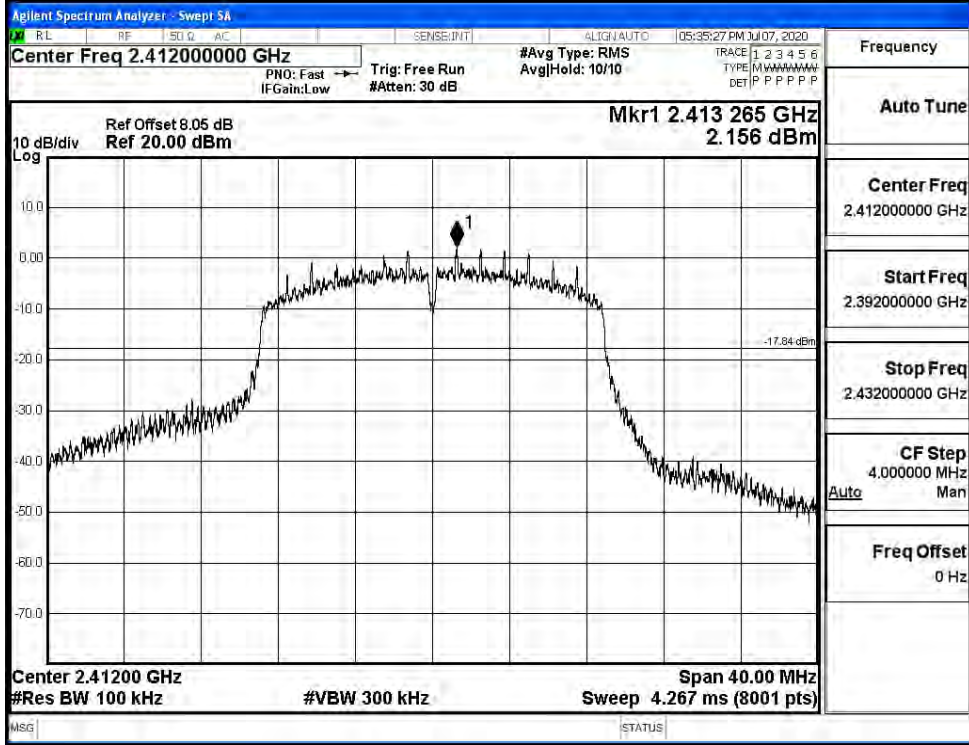


Puw/11G/HCH

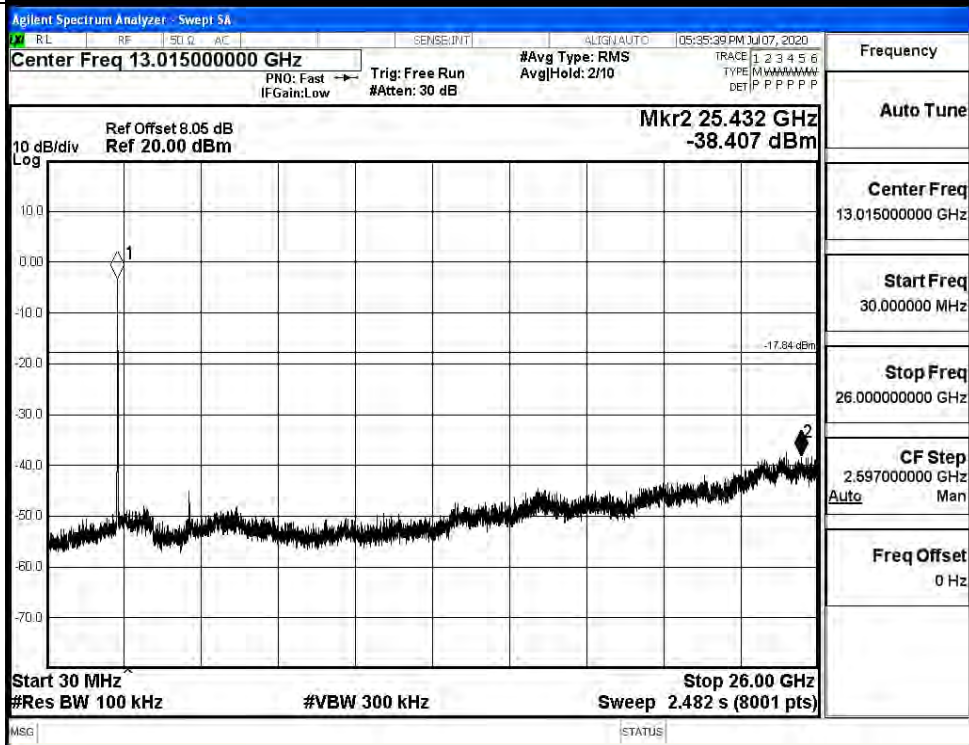


11N20SISO_LCH_Graphs Ant_1

Pref/11N20SIS
O/LCH

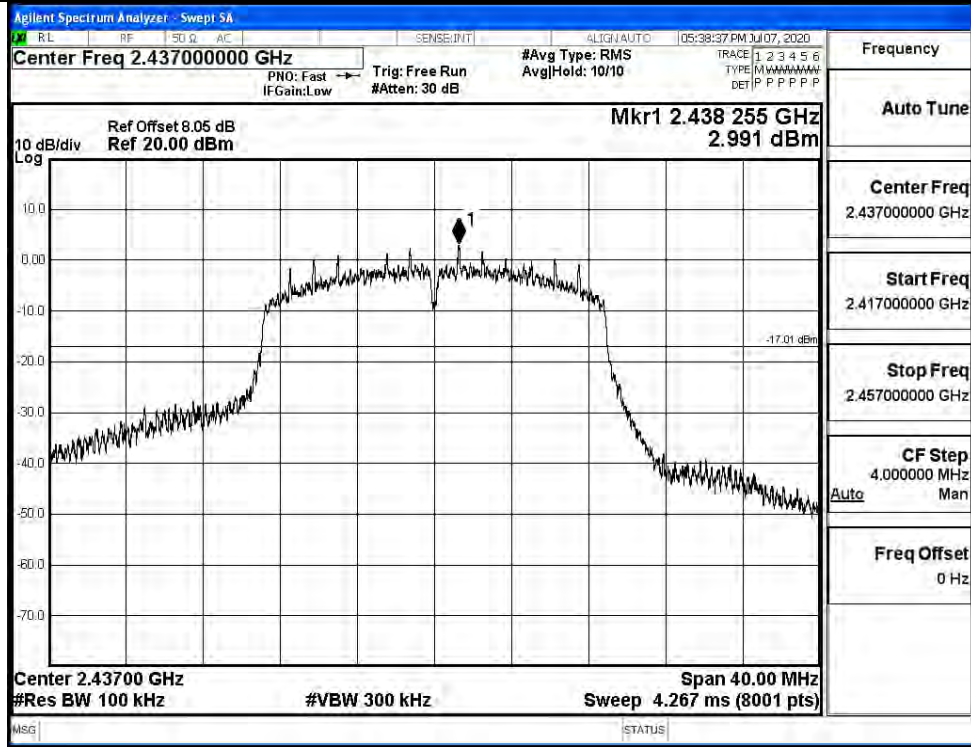


Puw/11N20
SISO/LCH

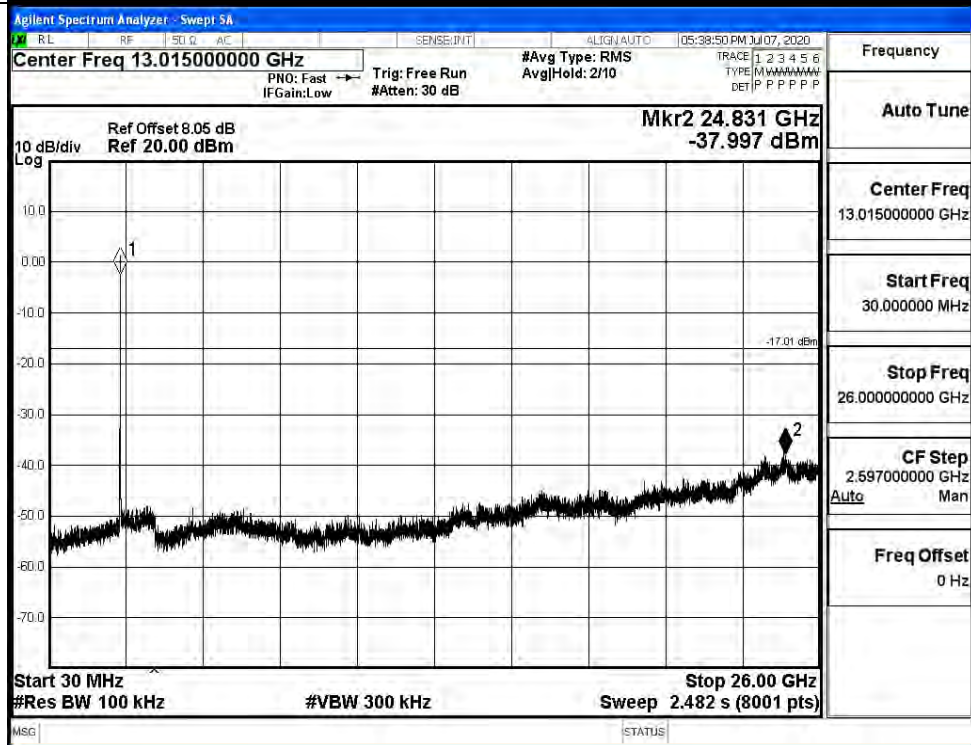


11N20SISO_MCH_Graphs Ant_1

Pref/11N20
SISO/MCH

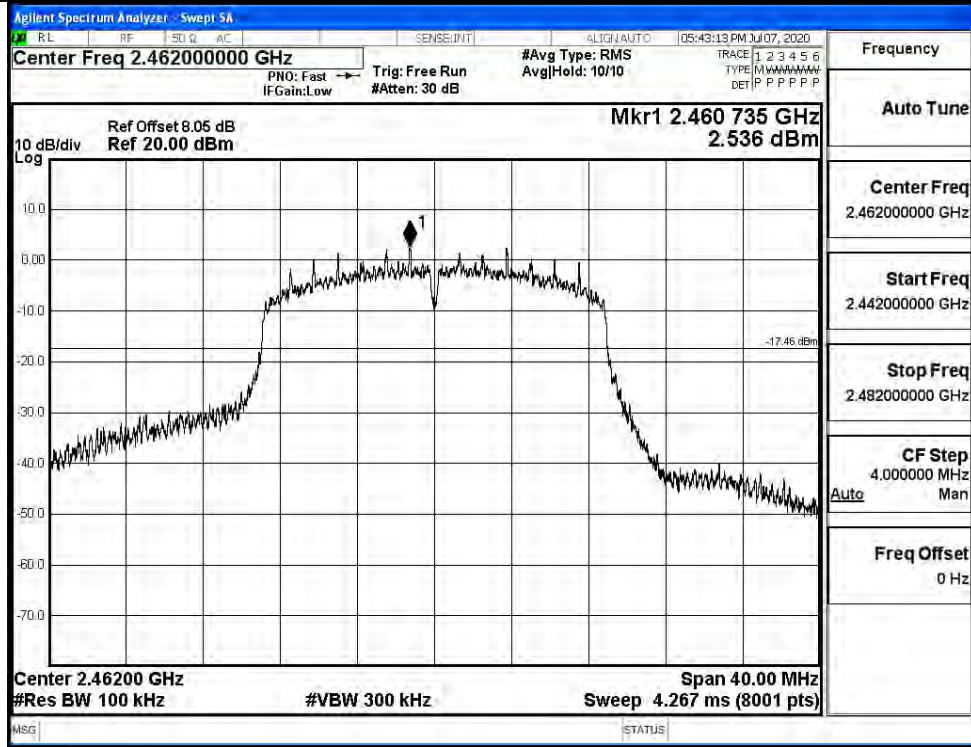


Puw/11N20
SISO/MCH

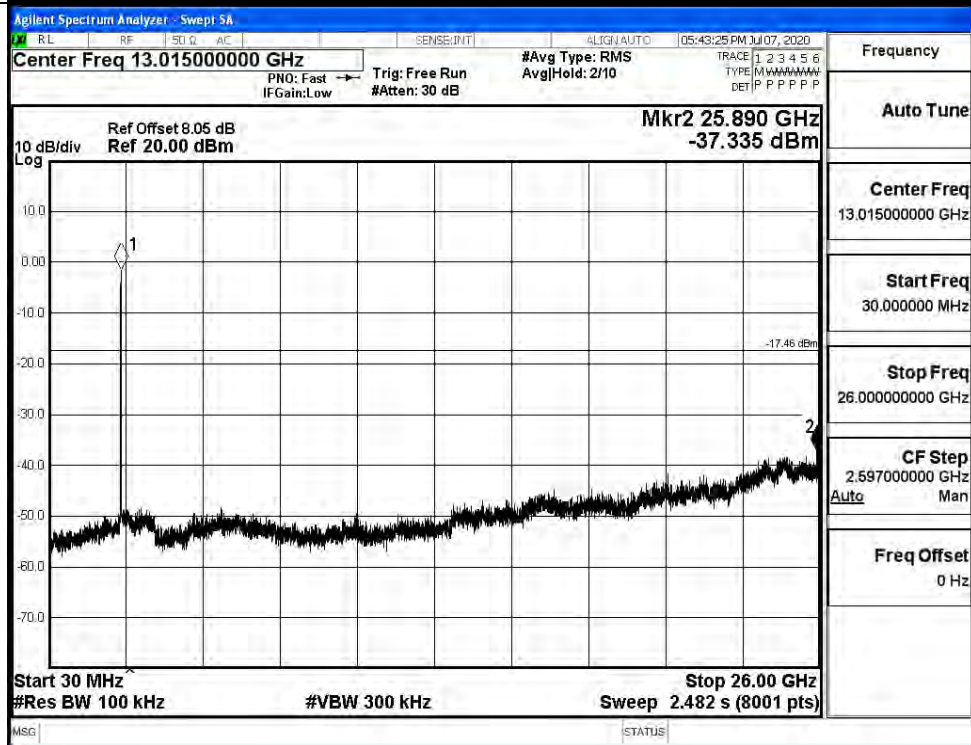


11N20SISO_HCH_Graphs Ant_1

Pref/11N20
SISO/HCH

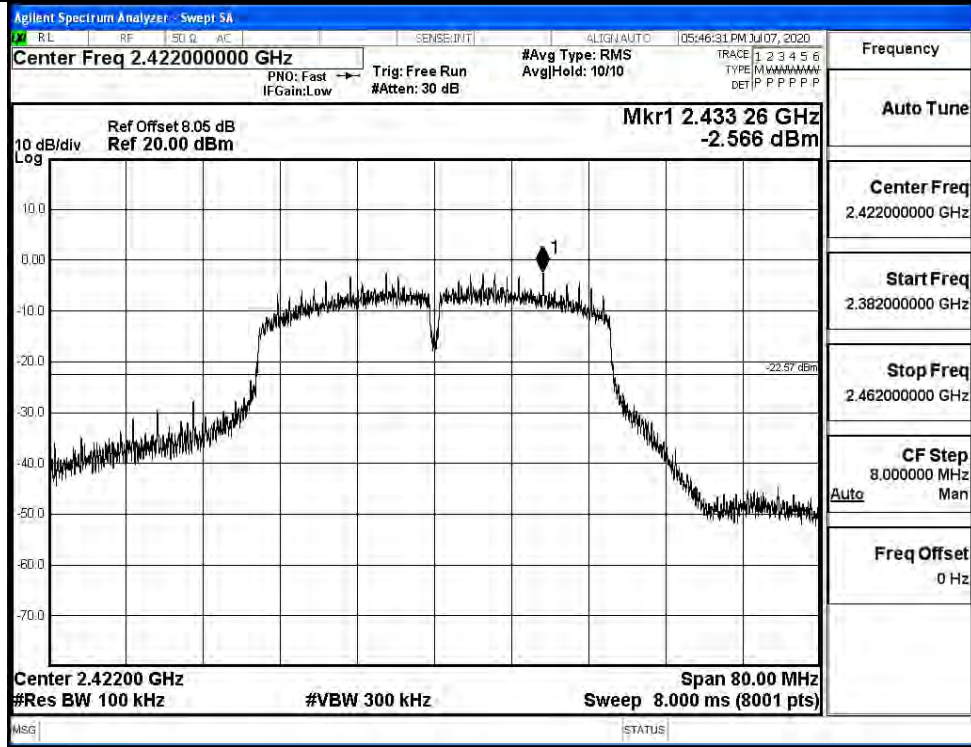


Puw/11N20
SISO/HCH

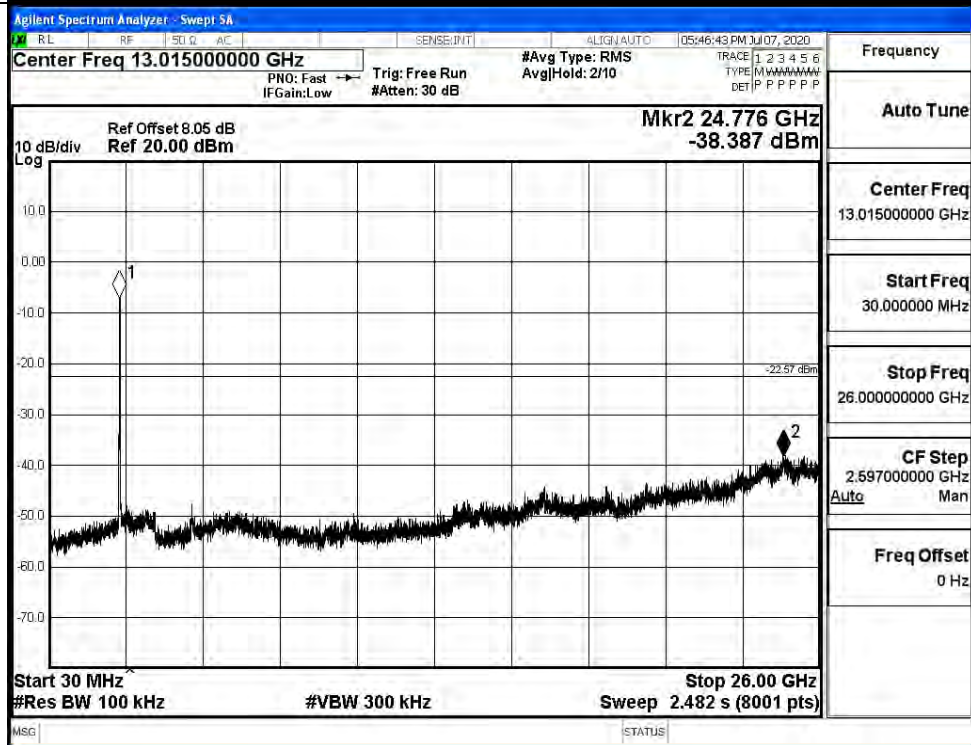


11N40SISO_LCH_Graphs Ant_1

Pref/11N40
SISO/LCH

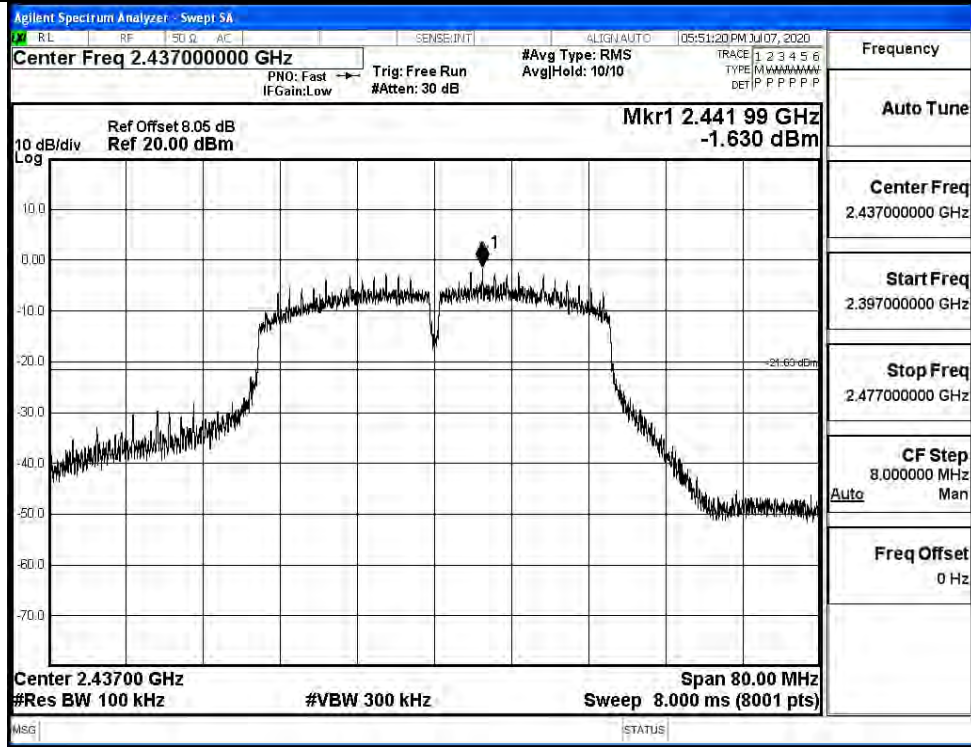


Puw/11N40
SISO/LCH

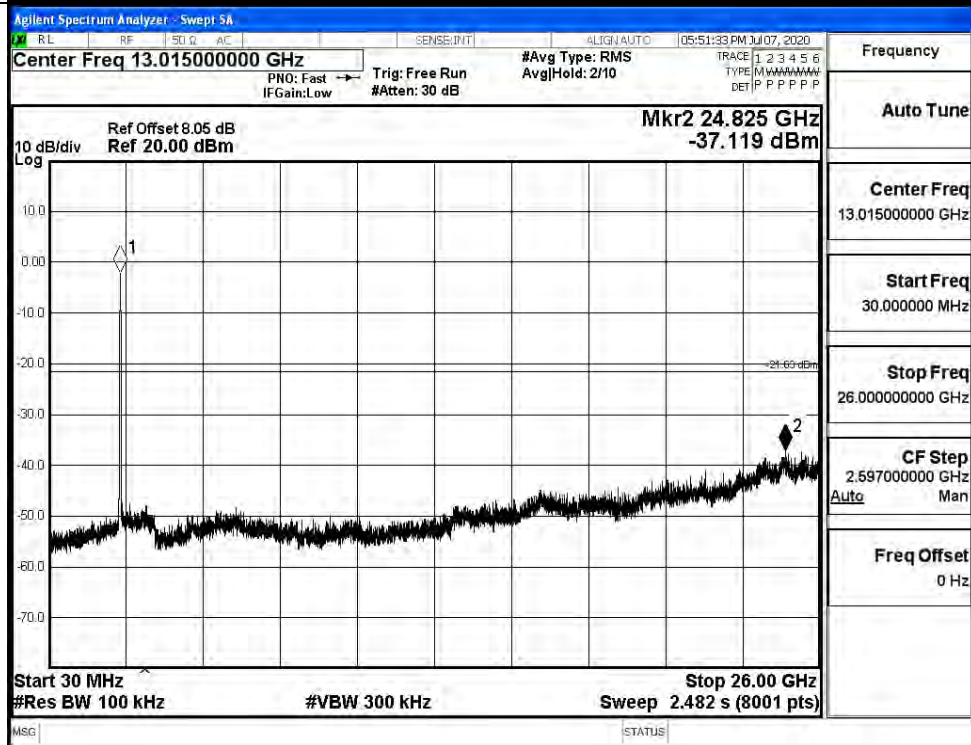


11N40SISO_MCH_Graphs Ant_1

Pref/11N40
SISO/MCH

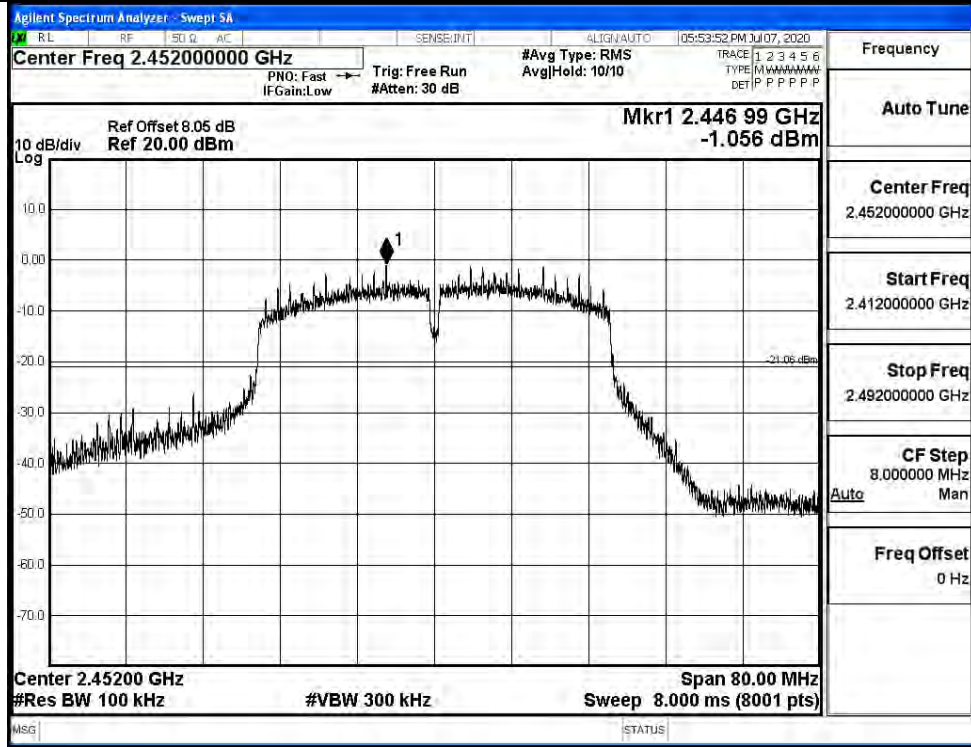


Puw/11N40
SISO/MCH



11N40SISO_HCH_Graphs Ant_1

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH

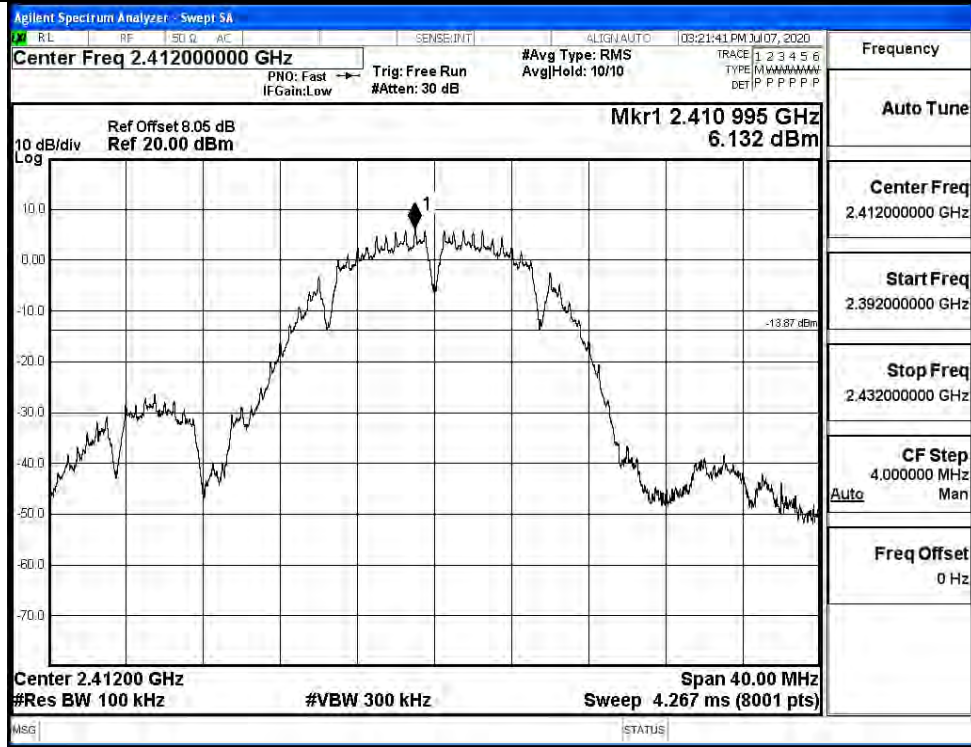


Ant_2

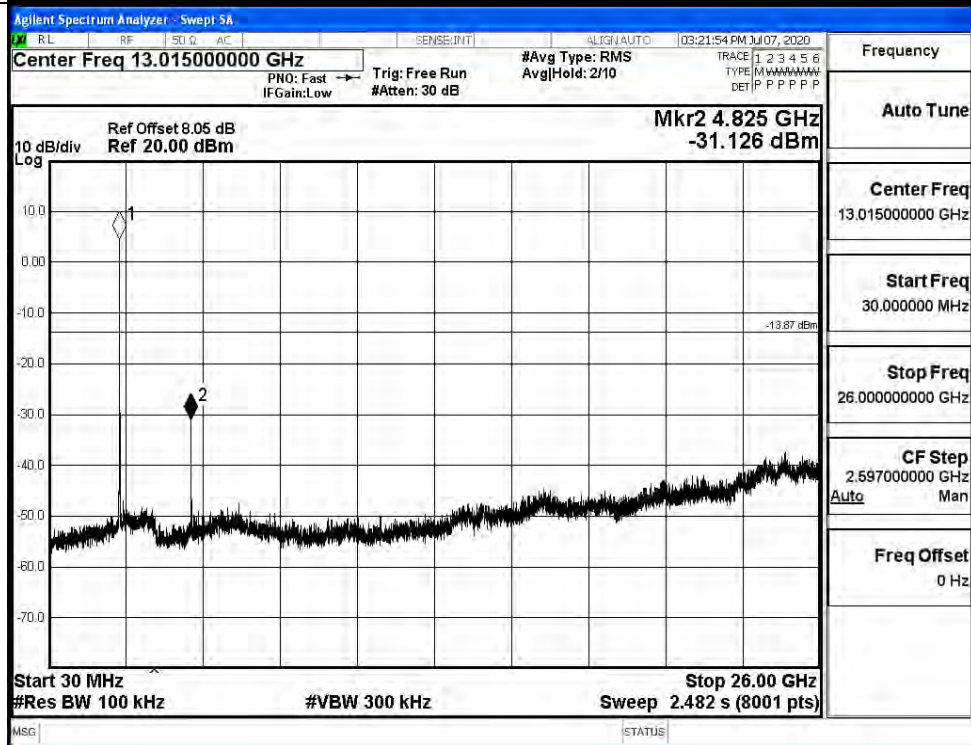
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.132	-31.126	-13.868	PASS
	MCH	6.591	-33.979	-13.409	PASS
	HCH	6.9	-36.637	-13.100	PASS
11G	LCH	1.728	-38.181	-18.272	PASS
	MCH	2.546	-37.159	-17.454	PASS
	HCH	2.698	-37.274	-17.302	PASS
11N20 SISO	LCH	2.119	-38.359	-17.881	PASS
	MCH	2.911	-37.954	-17.089	PASS
	HCH	2.609	-36.529	-17.391	PASS
11N40 SISO	LCH	-3.112	-36.248	-23.112	PASS
	MCH	-2.218	-36.964	-22.218	PASS
	HCH	-0.892	-37.355	-20.892	PASS

11B_LCH_Graphs Ant_2

Pref/11B/LCH



Puw/11B/LCH

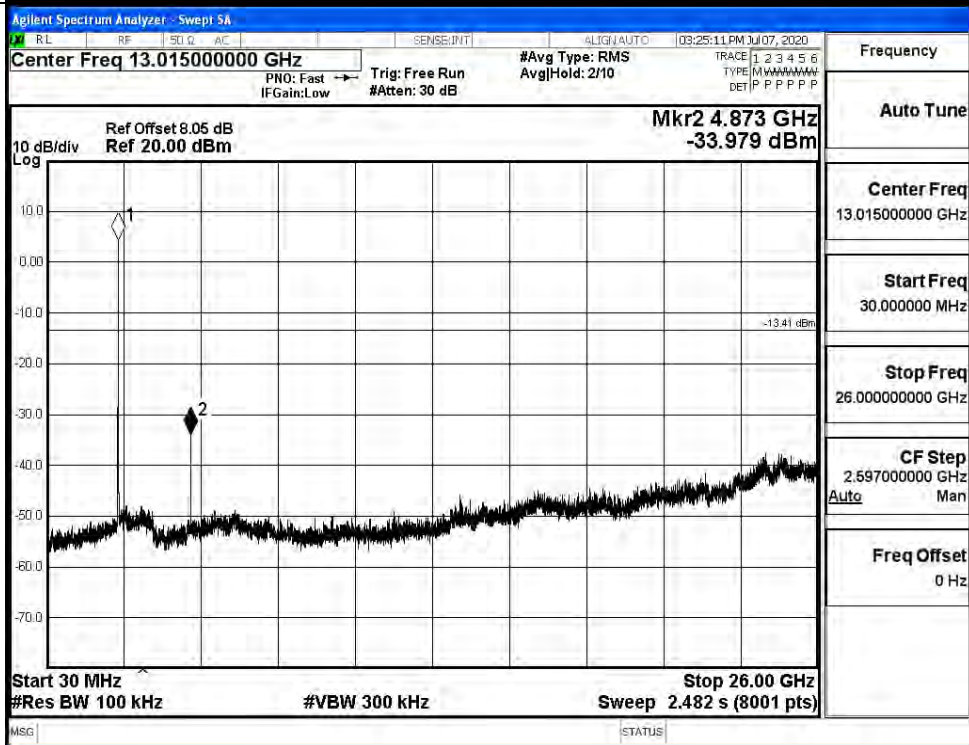


11B_MCH_Graphs Ant_2

Pref/11B/MCH

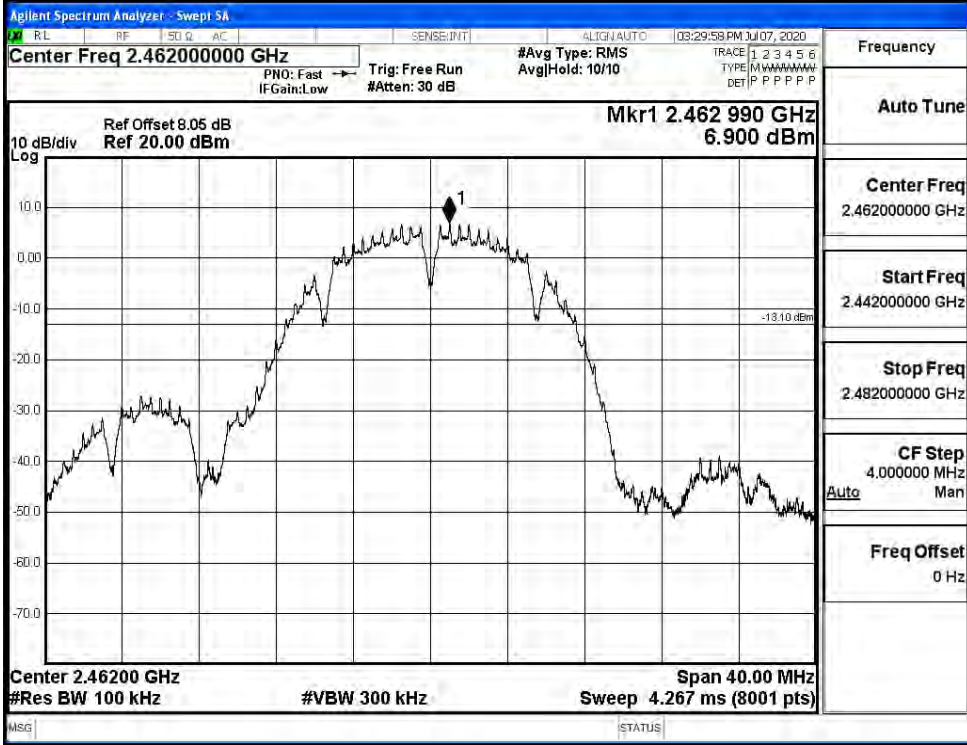


Puw/11B/MCH

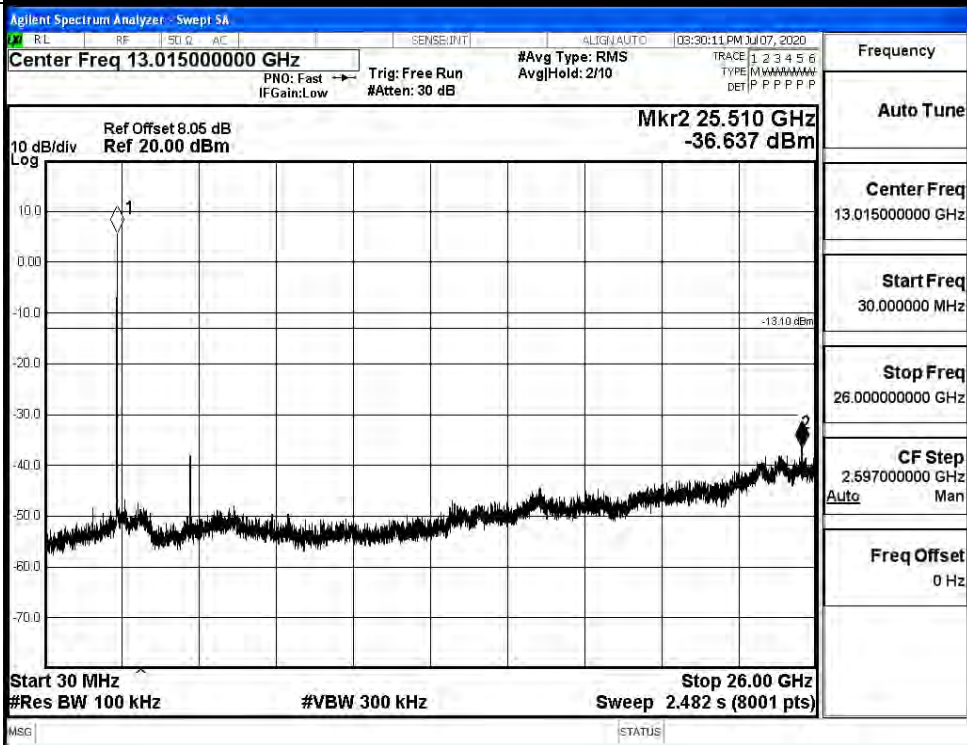


11B_HCH_Graphs Ant_2

Pref/11B/HCH

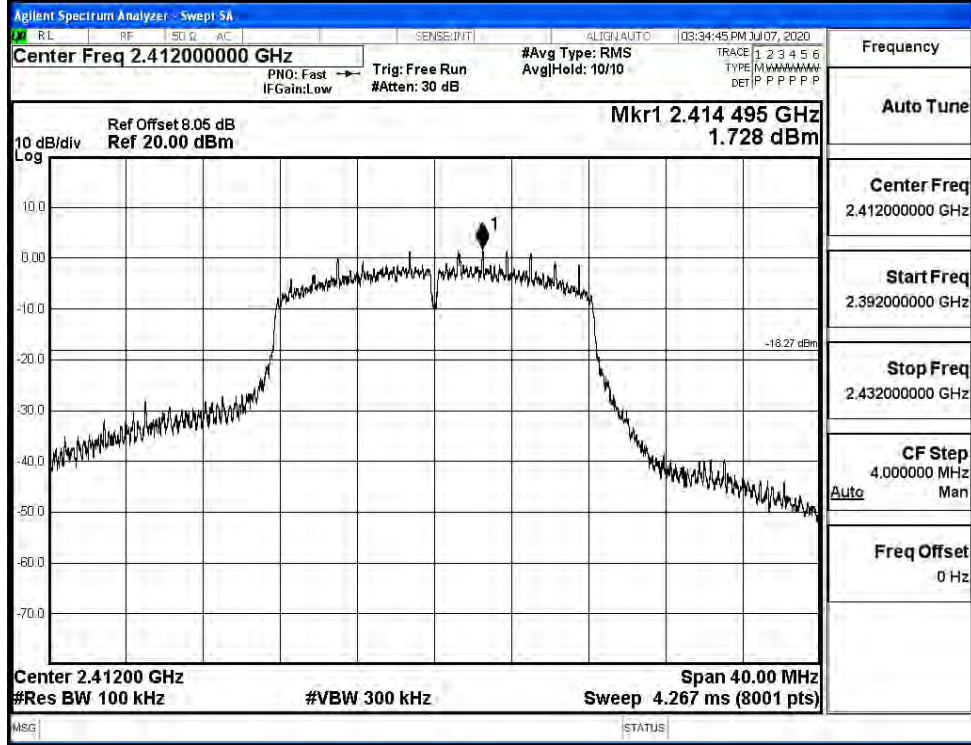


Puw/11B/HCH

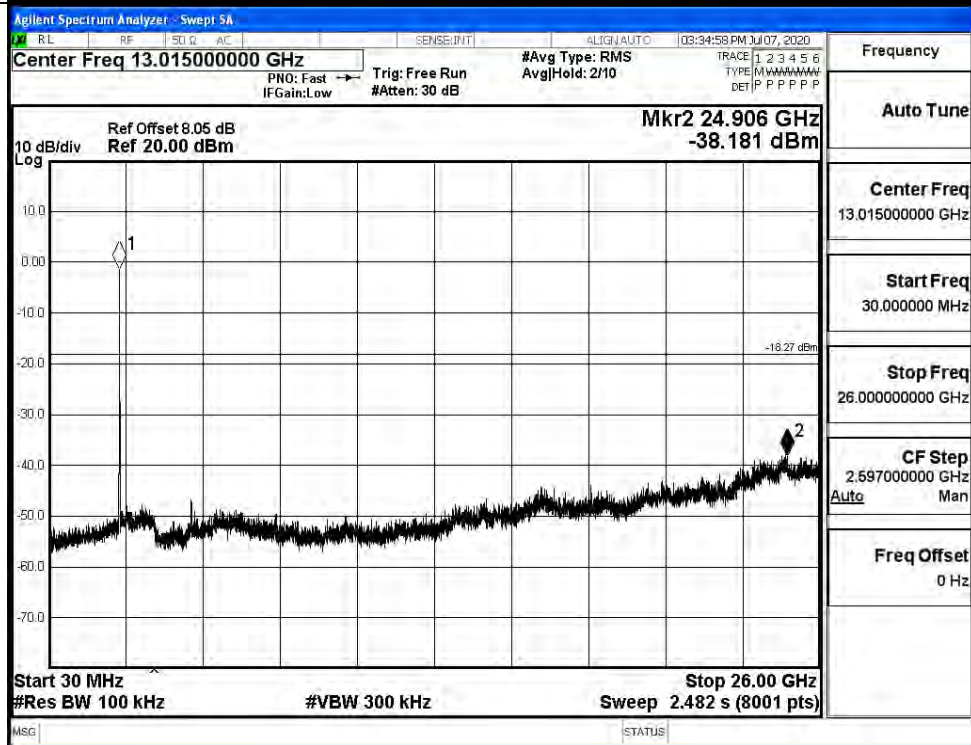


11G_LCH_Graphs Ant_2

Pref/11G/LCH

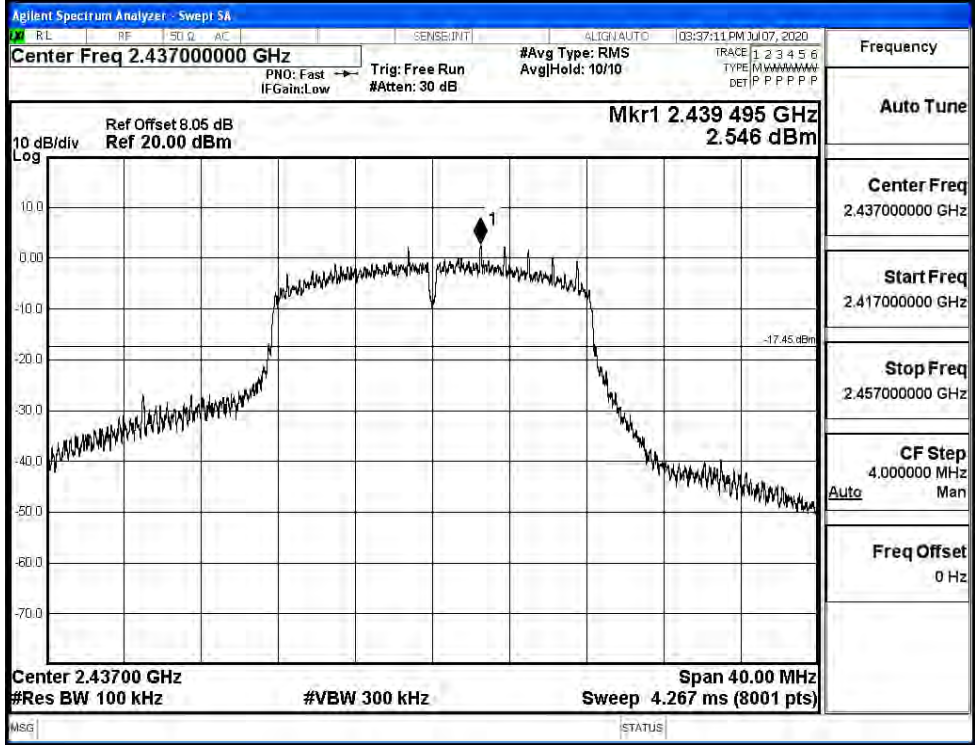


Puw/11G/LCH

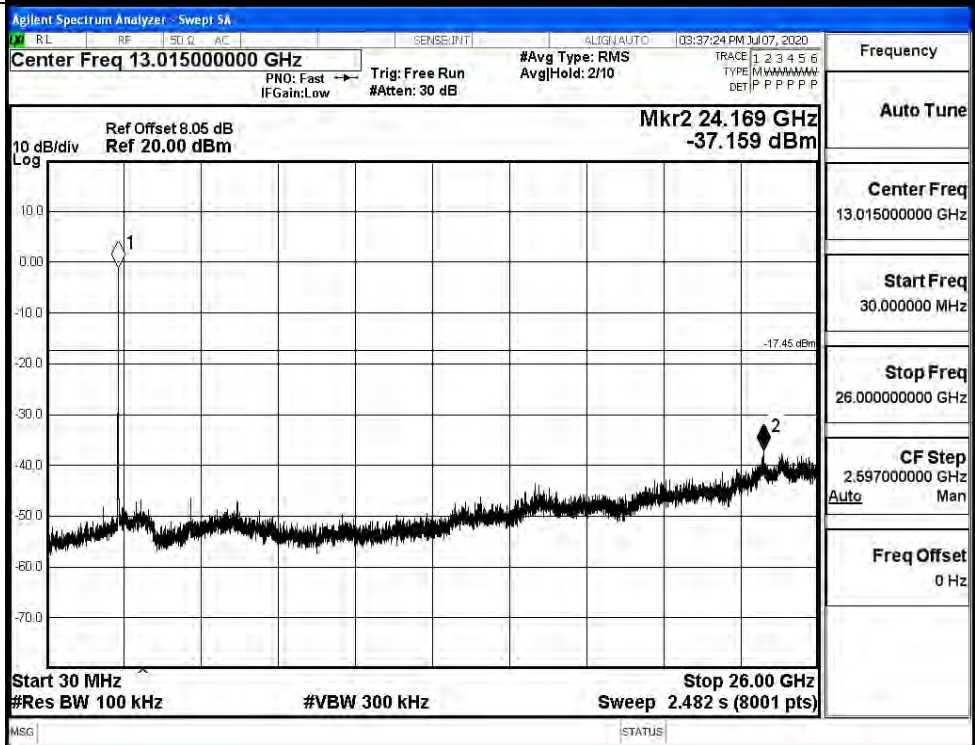


11G_MCH_Graphs Ant_2

Pref/11G/MCH

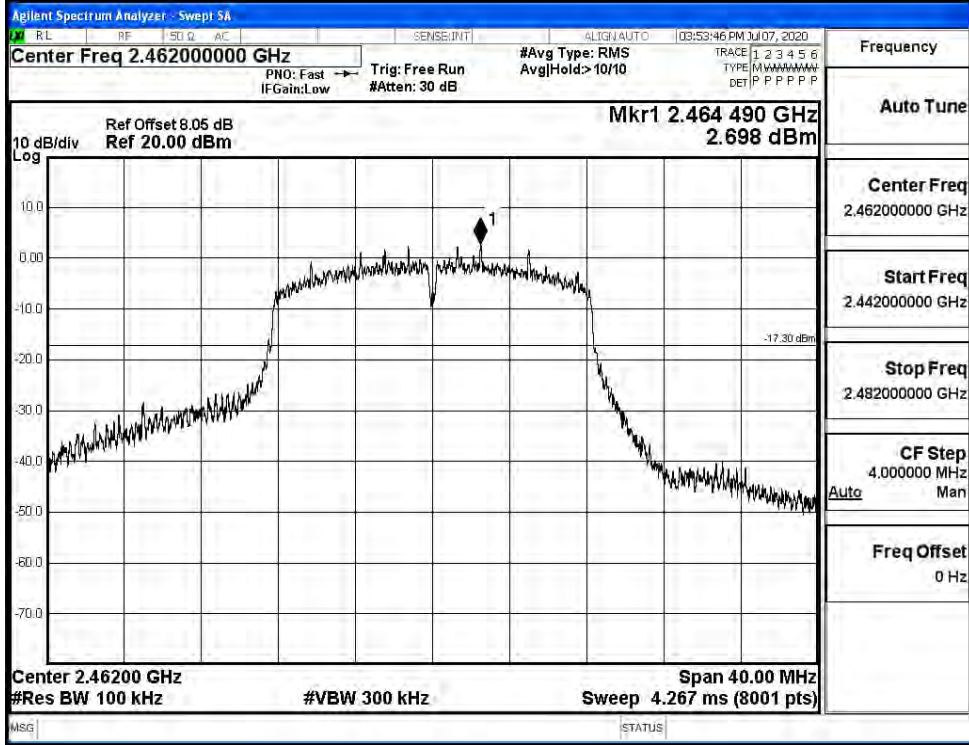


Puw/11G/MCH

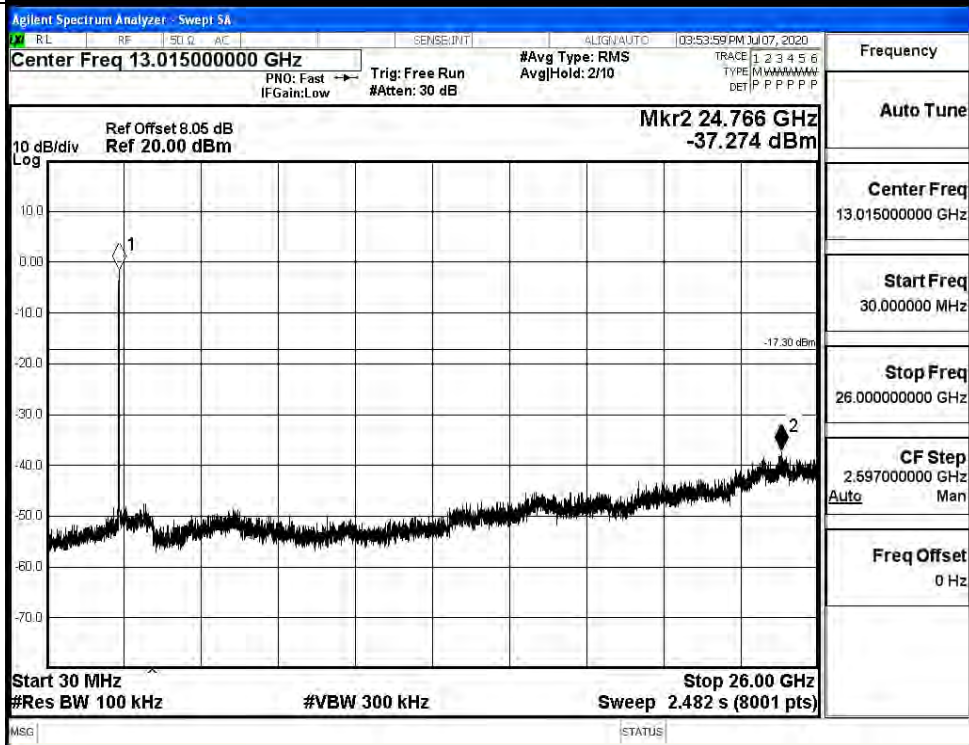


11G_HCH_Graphs Ant_2

Pref/11G/HCH

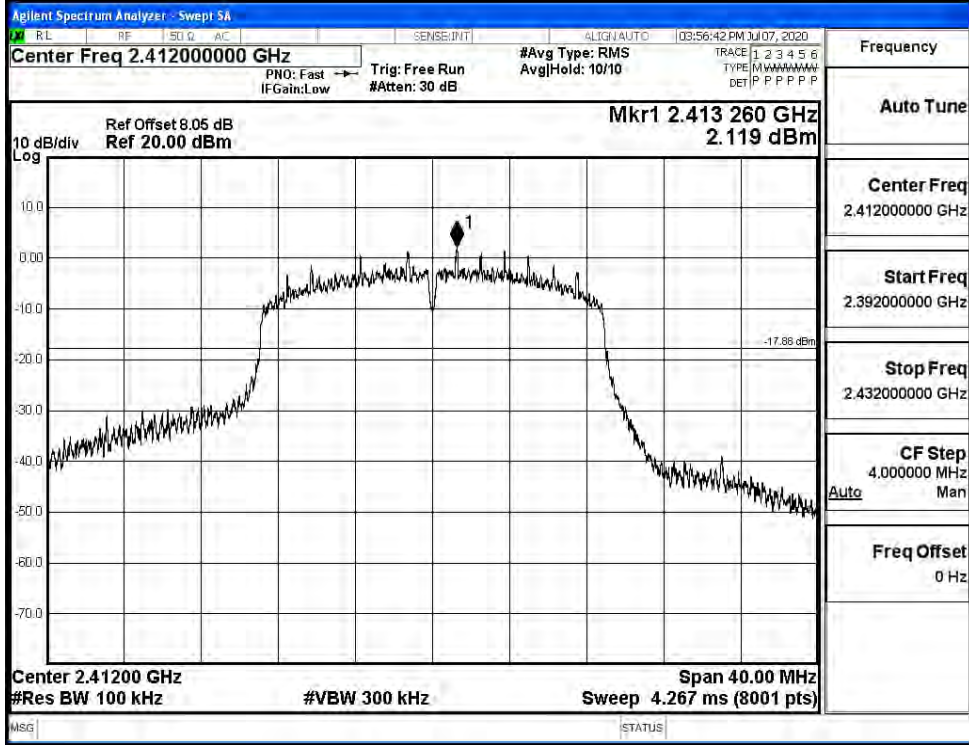


Puw/11G/HCH

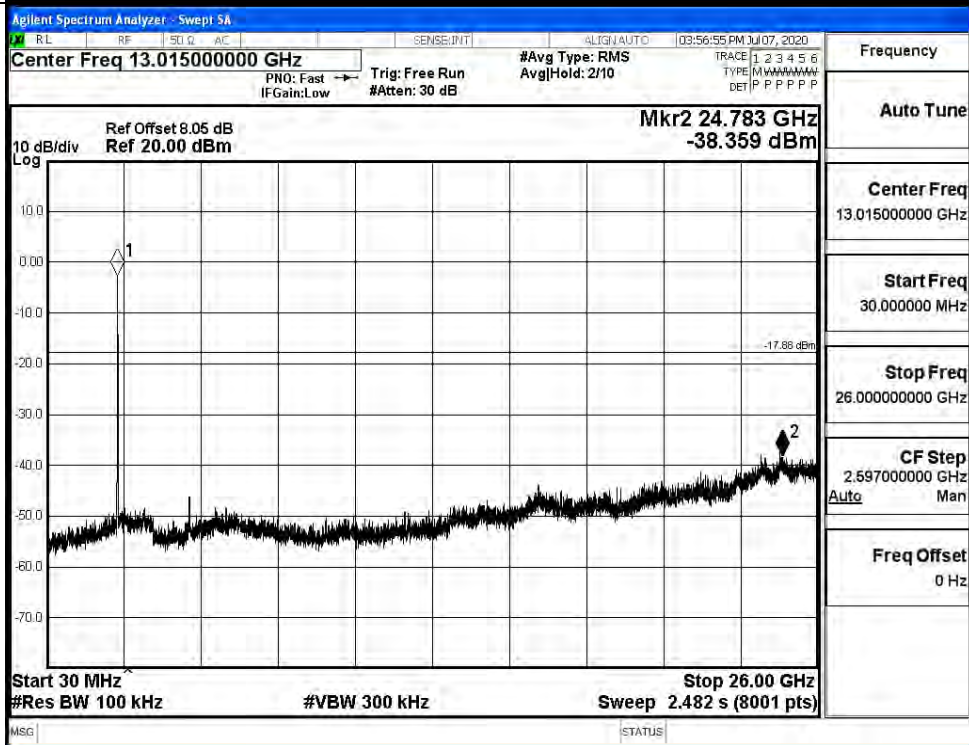


11N20SISO_LCH_Graphs Ant_2

Pref/11N20SIS
O/LCH

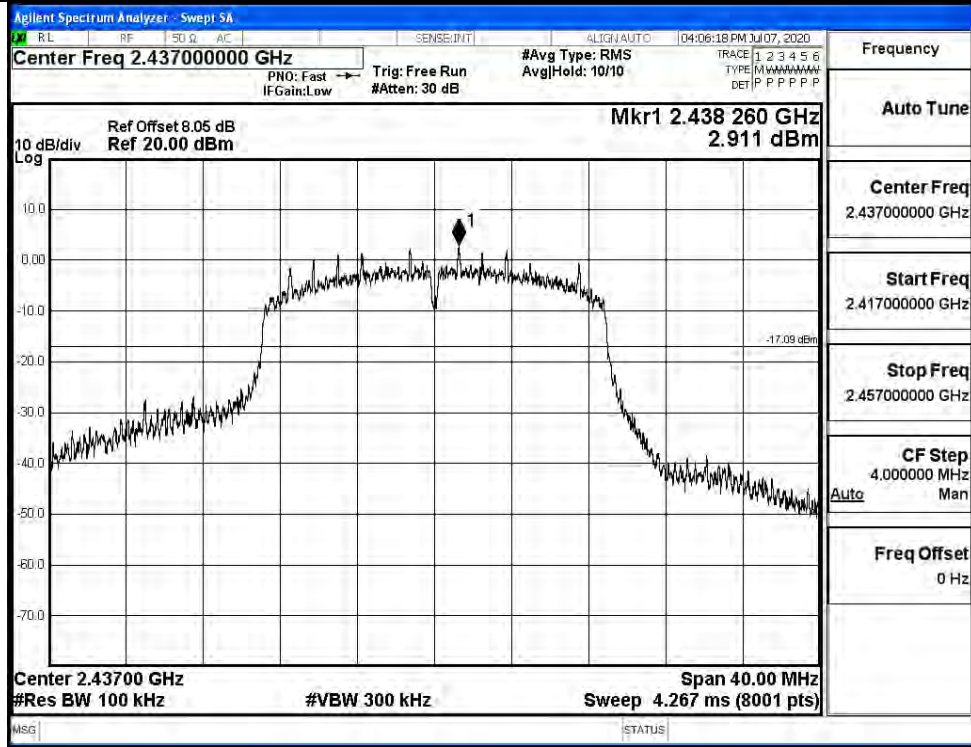


Puw/11N20
SISO/LCH

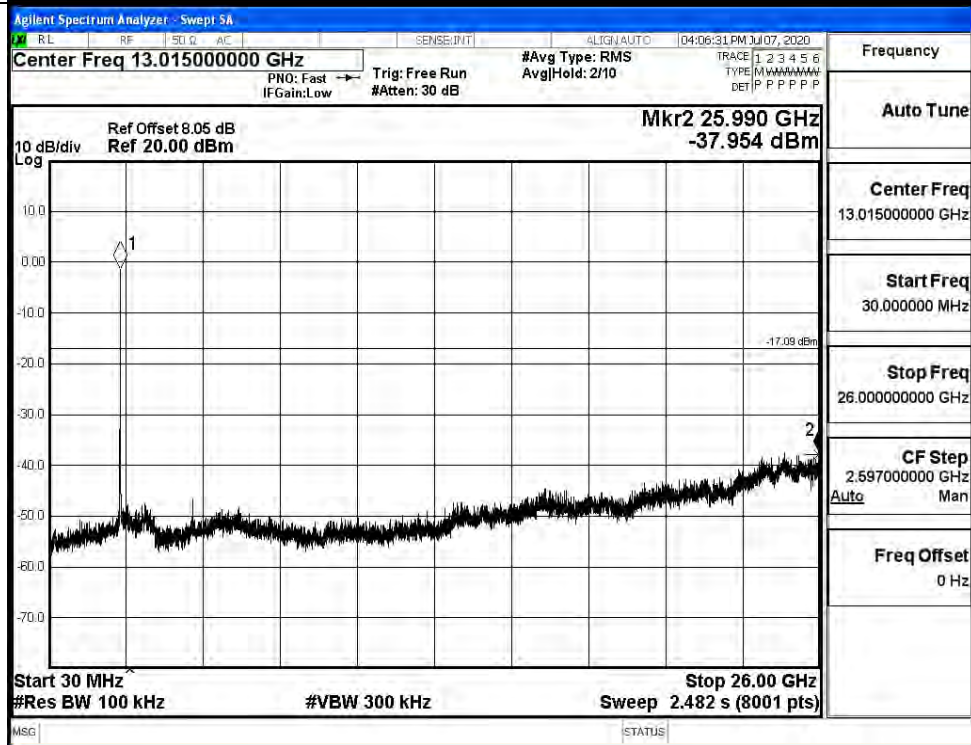


11N20SISO_MCH_Graphs Ant_2

Pref/11N20
SISO/MCH

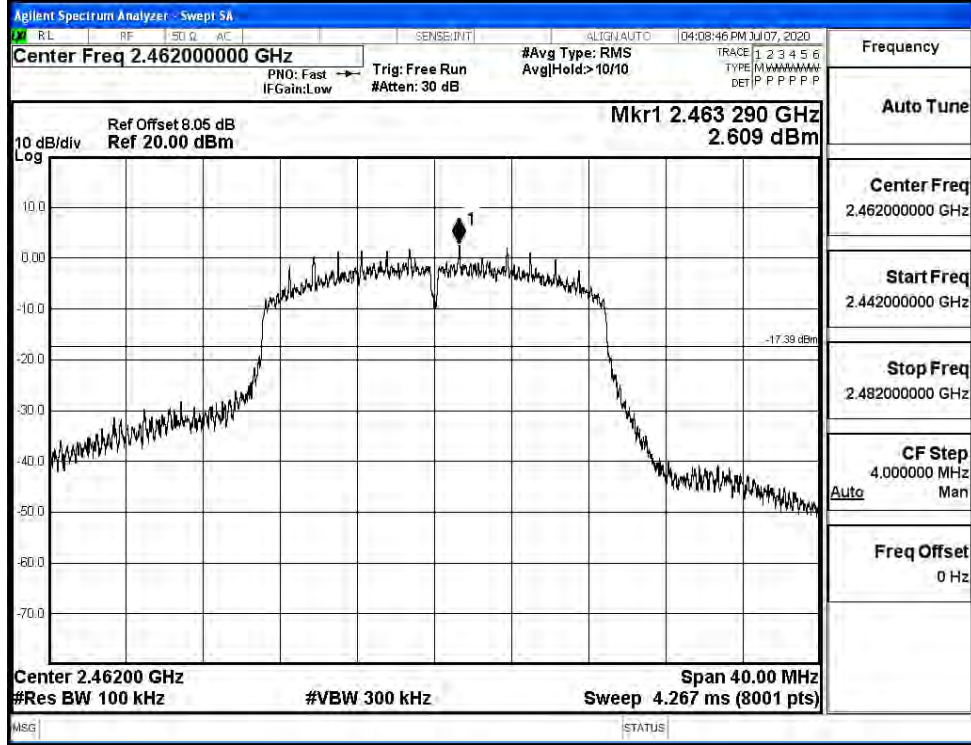


Puw/11N20
SISO/MCH

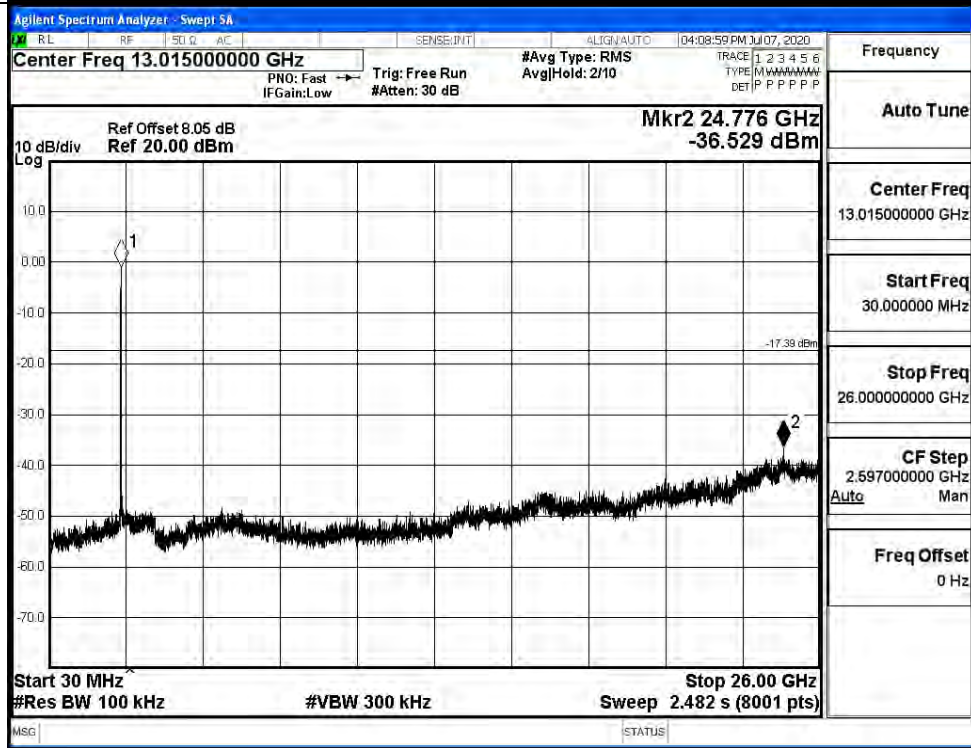


11N20SISO_HCH_Graphs Ant_2

Pref/11N20
SISO/HCH

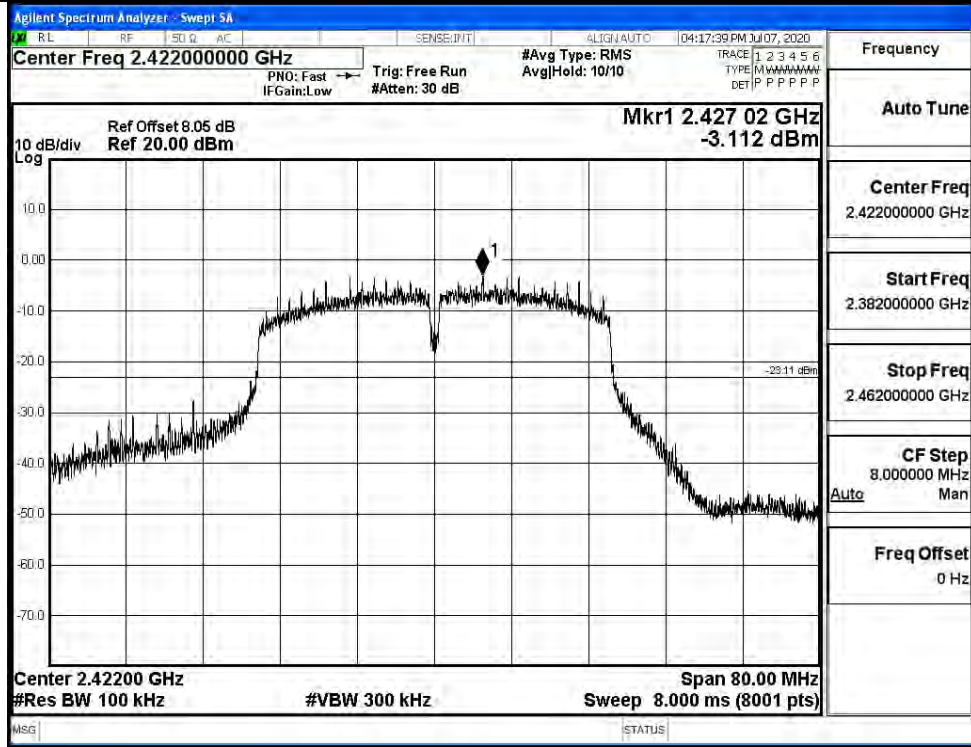


Puw/11N20
SISO/HCH

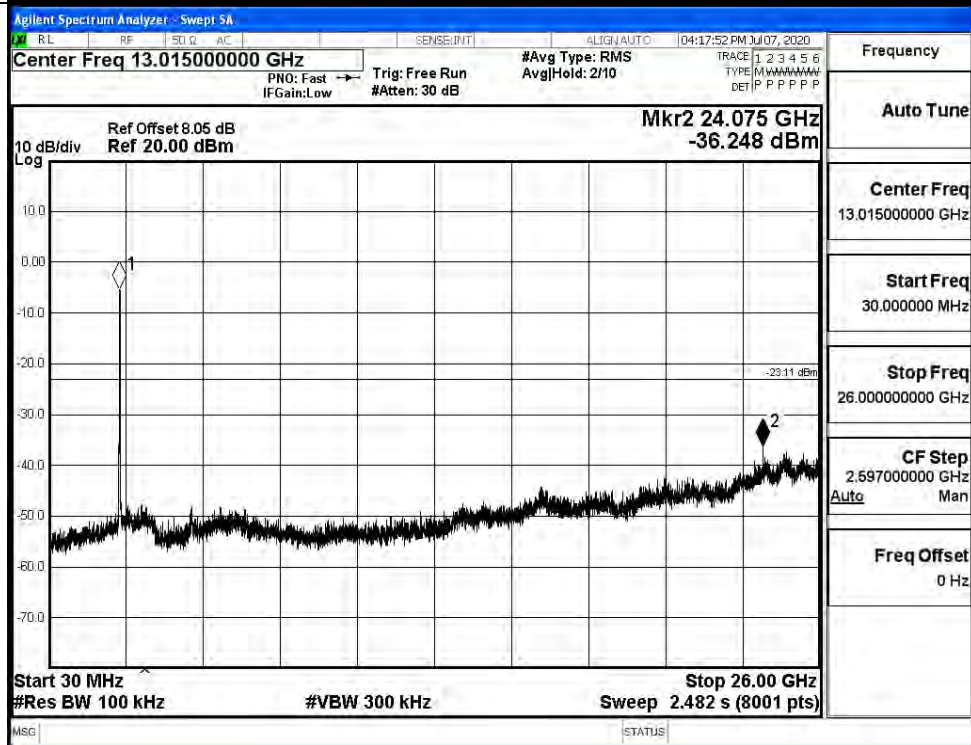


11N40SISO_LCH_Graphs Ant_2

Pref/11N40
SISO/LCH

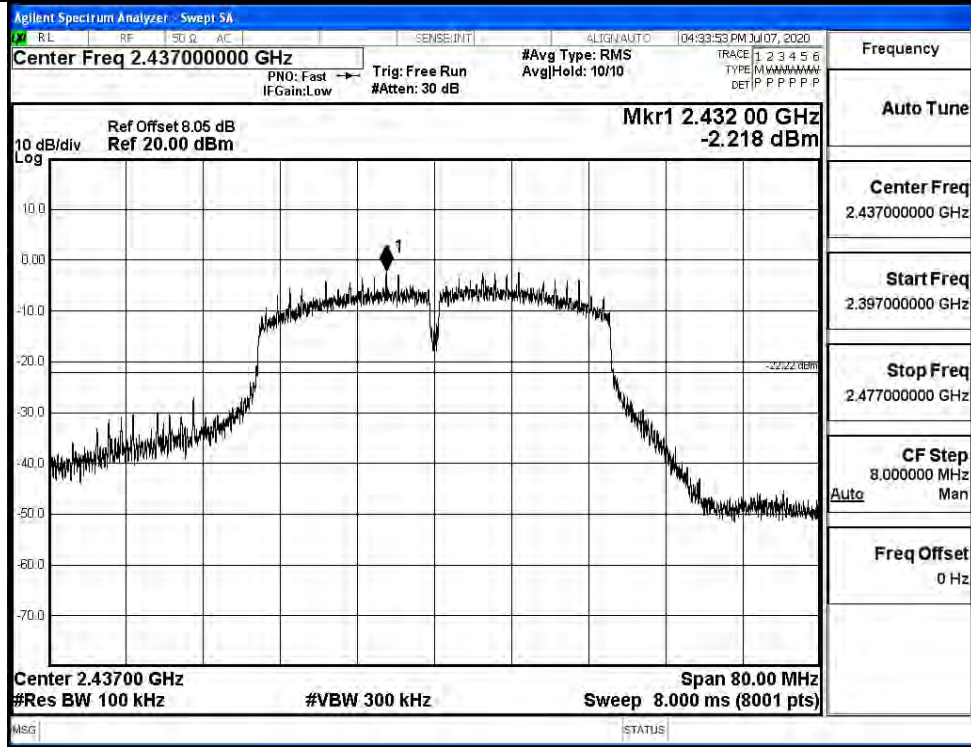


Puw/11N40
SISO/LCH

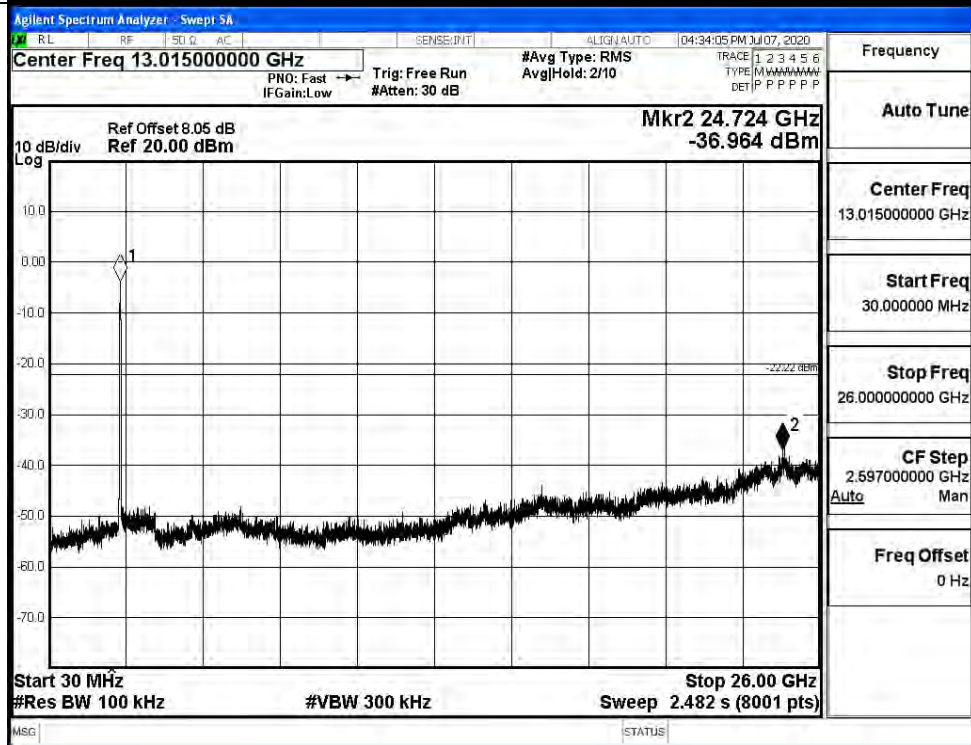


11N40SISO_MCH_Graphs Ant_2

Pref/11N40
SISO/MCH

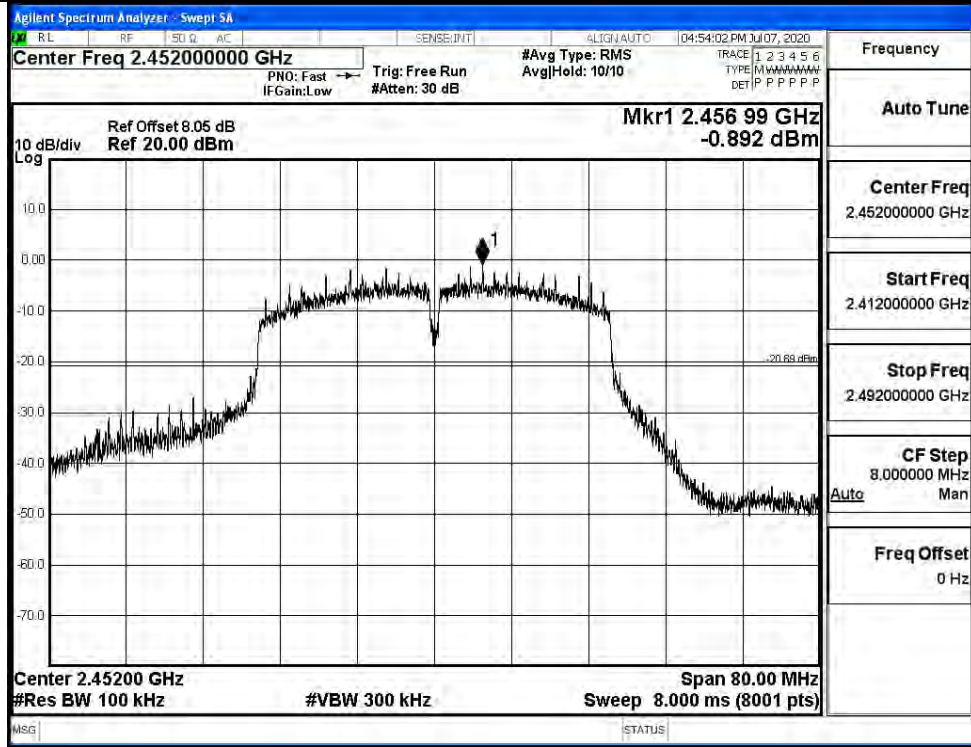


Puw/11N40
SISO/MCH

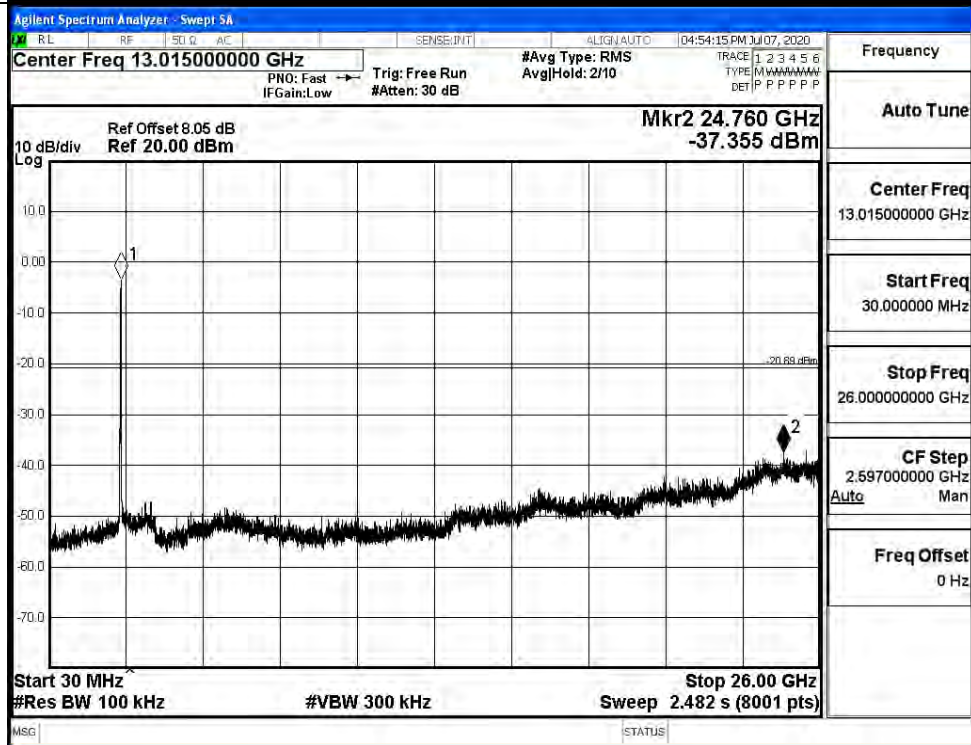


11N40SISO_HCH_Graphs Ant_2

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH

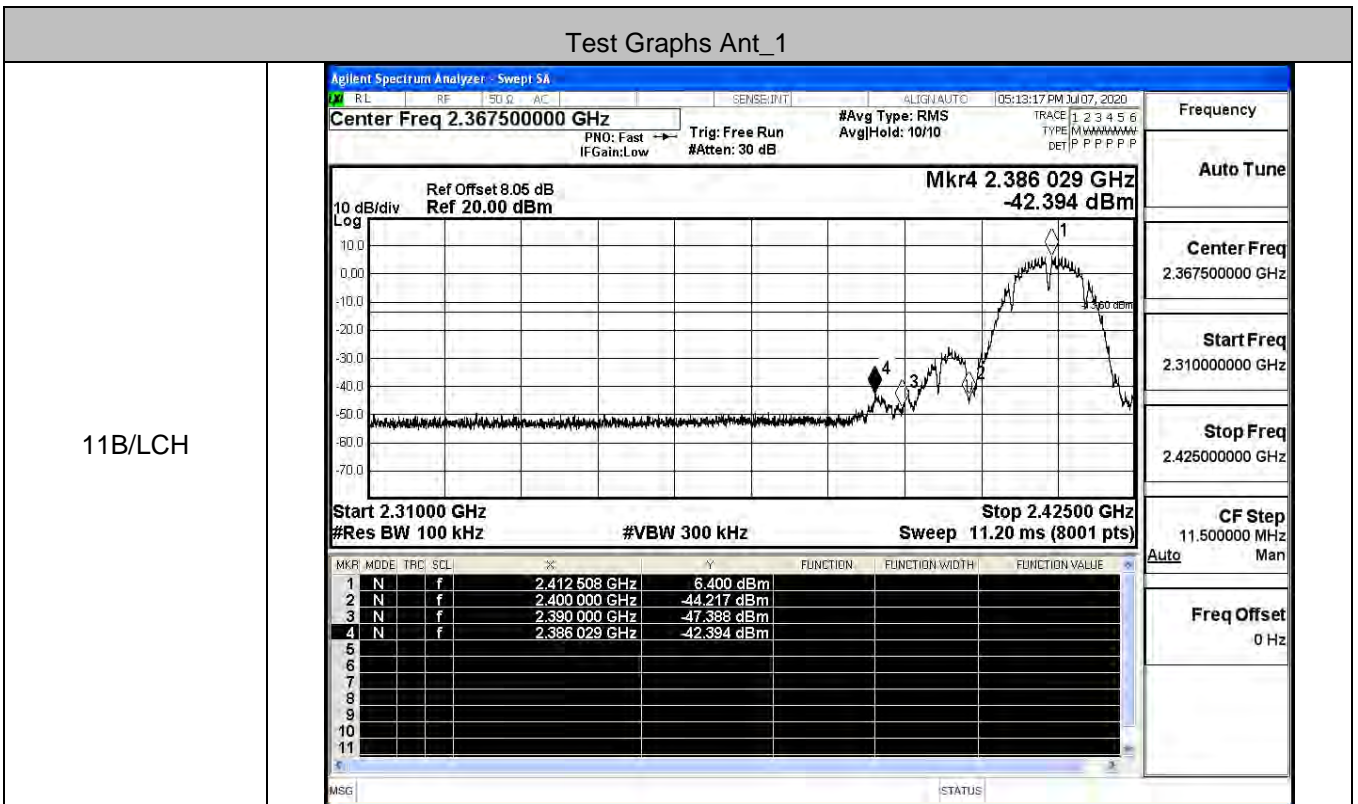


A.6 Band-edge for RF Conducted Emissions

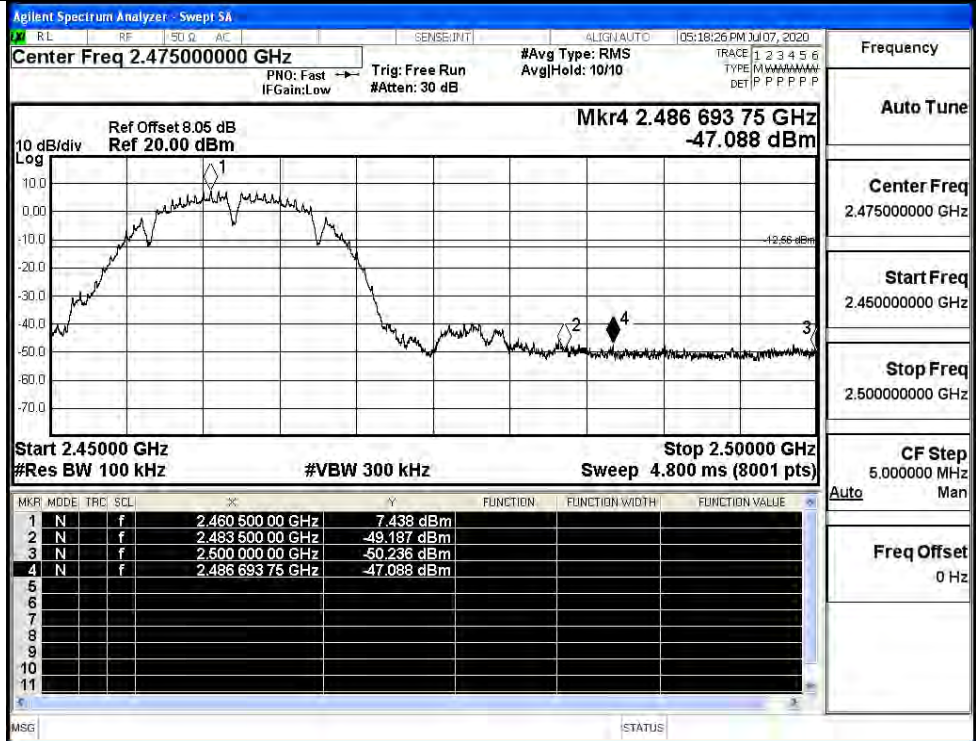
Ant 1

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.400	-42.394	-13.6	PASS
	HCH	7.438	-47.088	-12.56	PASS
11G	LCH	1.922	-42.947	-18.08	PASS
	HCH	2.538	-47.887	-17.46	PASS
11N20SISO	LCH	2.256	-40.656	-17.74	PASS
	HCH	3.188	-46.793	-16.81	PASS
11N40SISO	LCH	-2.560	-31.682	-22.56	PASS
	HCH	-1.019	-44.238	-21.02	PASS

Test Graphs Ant_1

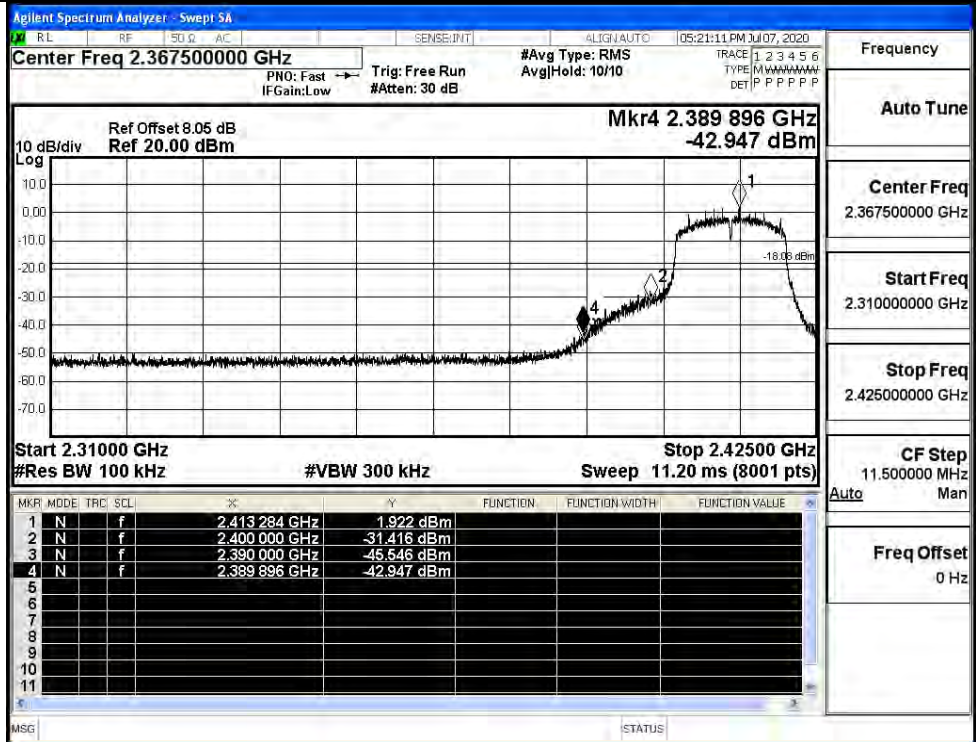


11B/HCH



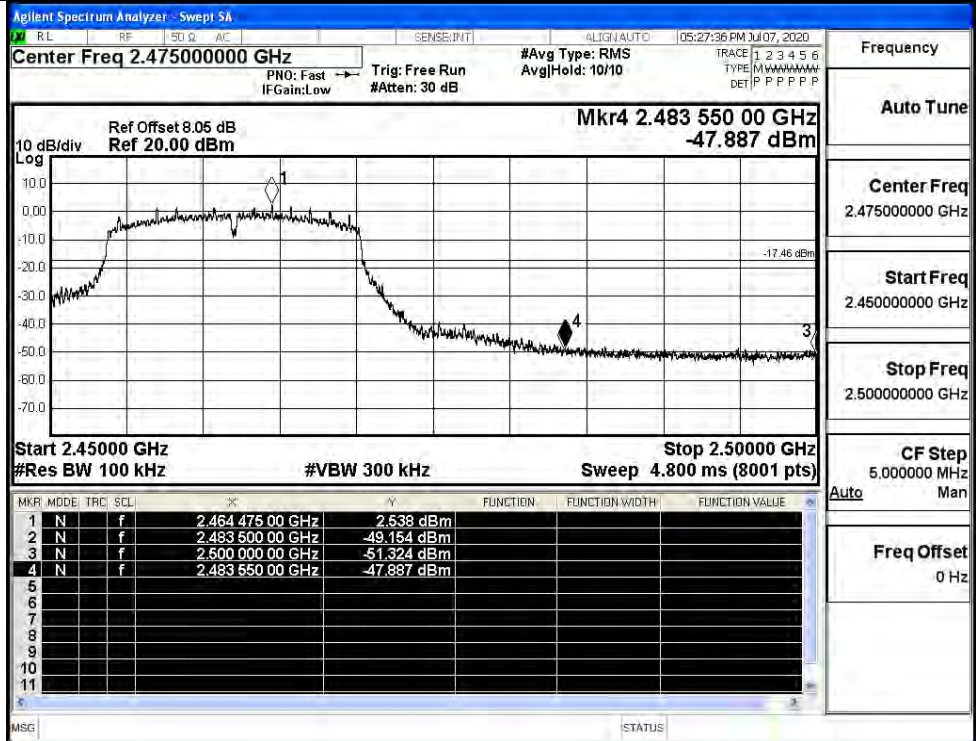
Frequency	2.475000000 GHz
Auto Tune	
Center Freq	2.475000000 GHz
Start Freq	2.450000000 GHz
Stop Freq	2.500000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11G/LCH

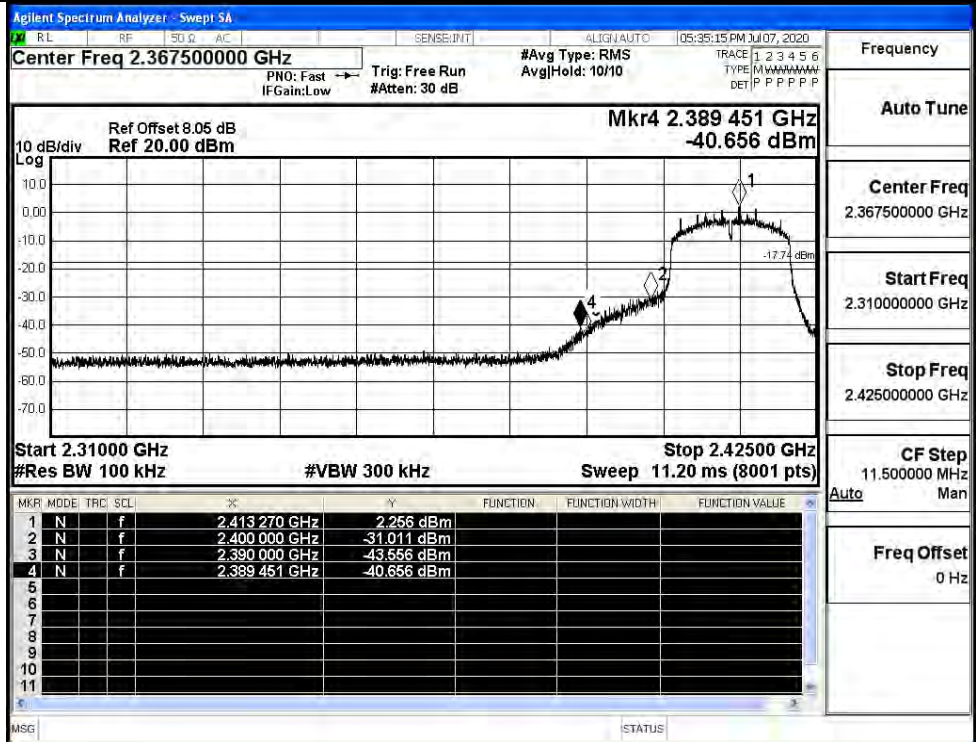


Frequency	2.367500000 GHz
Auto Tune	
Center Freq	2.367500000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.425000000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

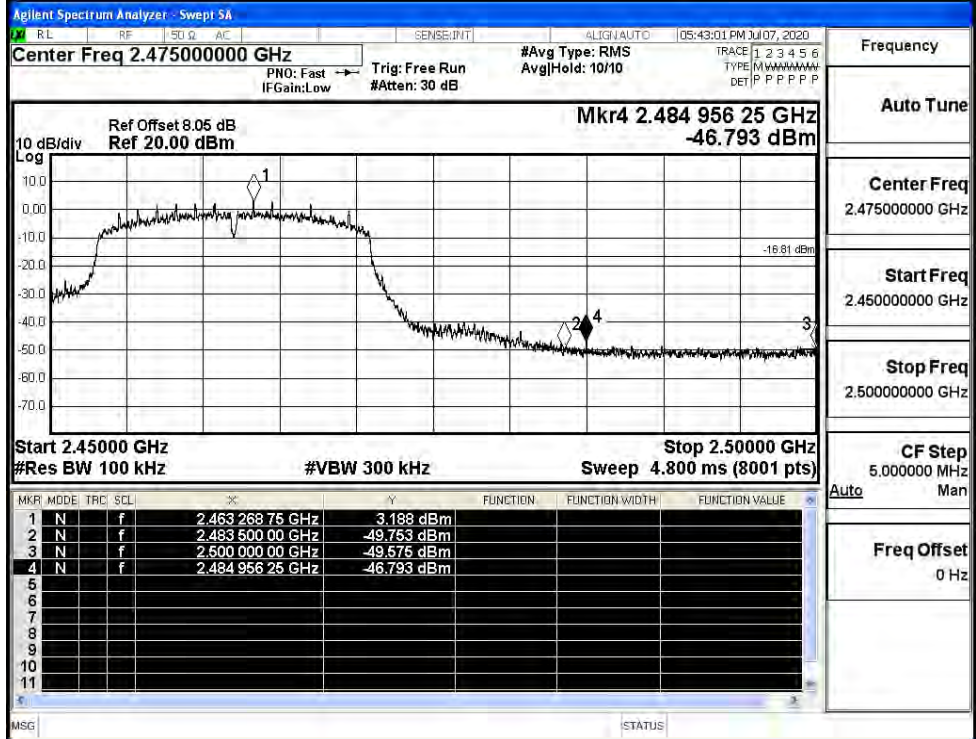
11G/HCH



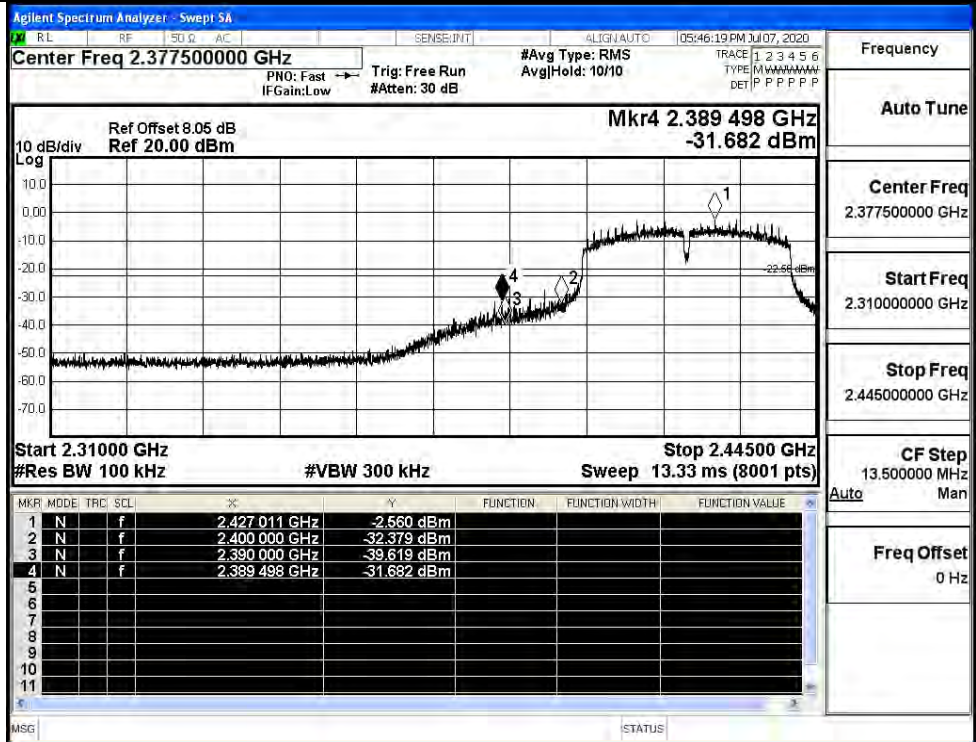
11N20SISO/LCH



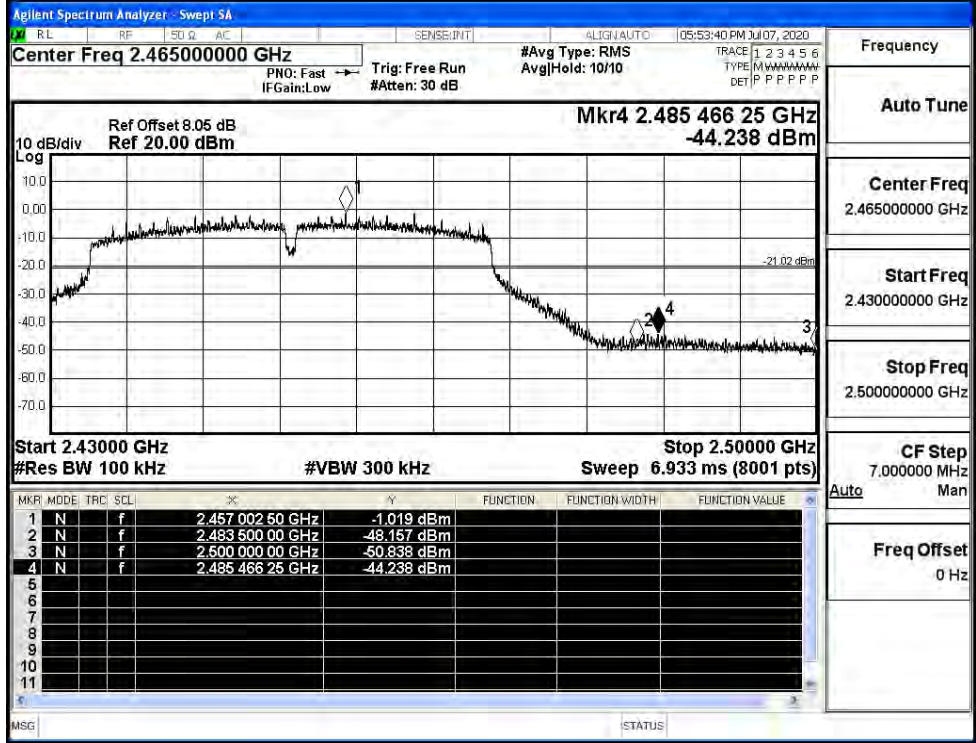
11N20SISO/HCH



11N40SISO/LCH



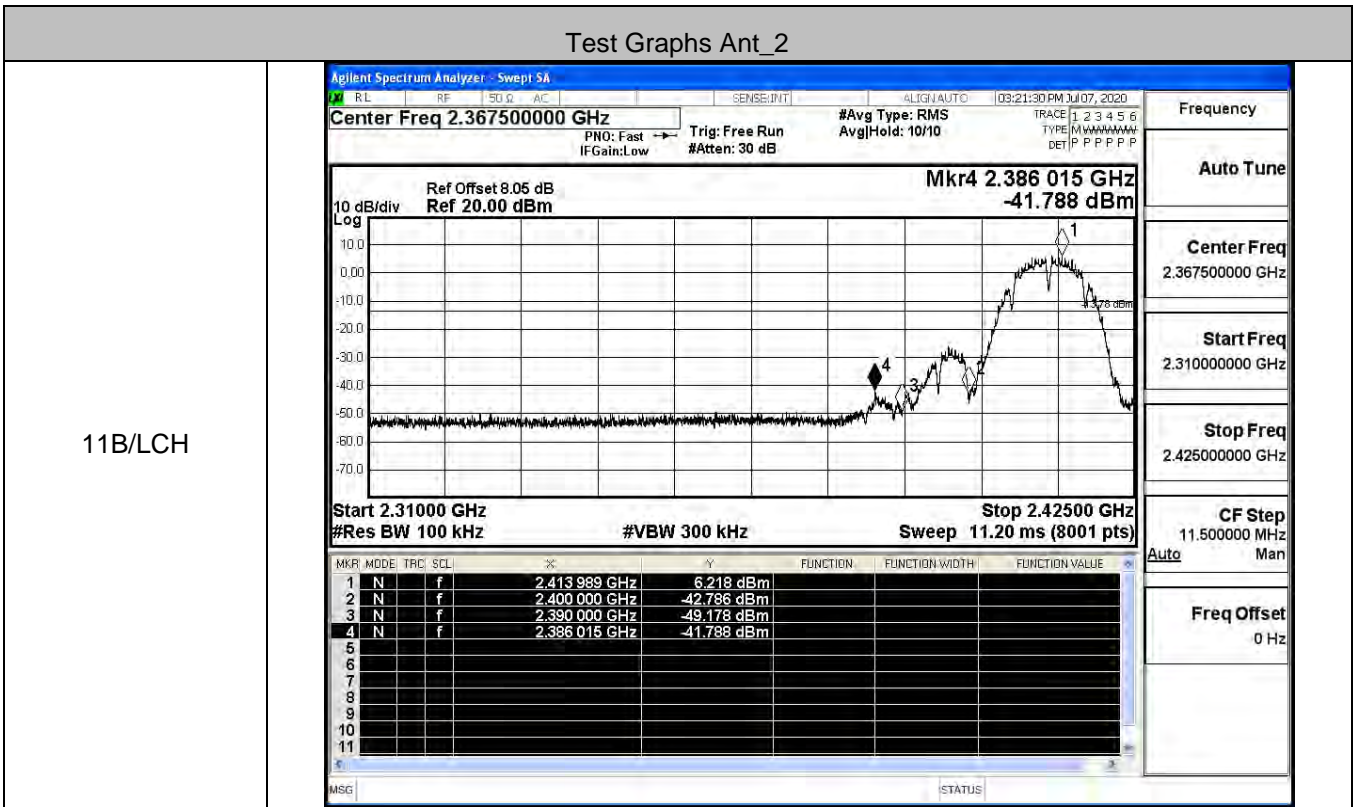
11N40SISO/HCH



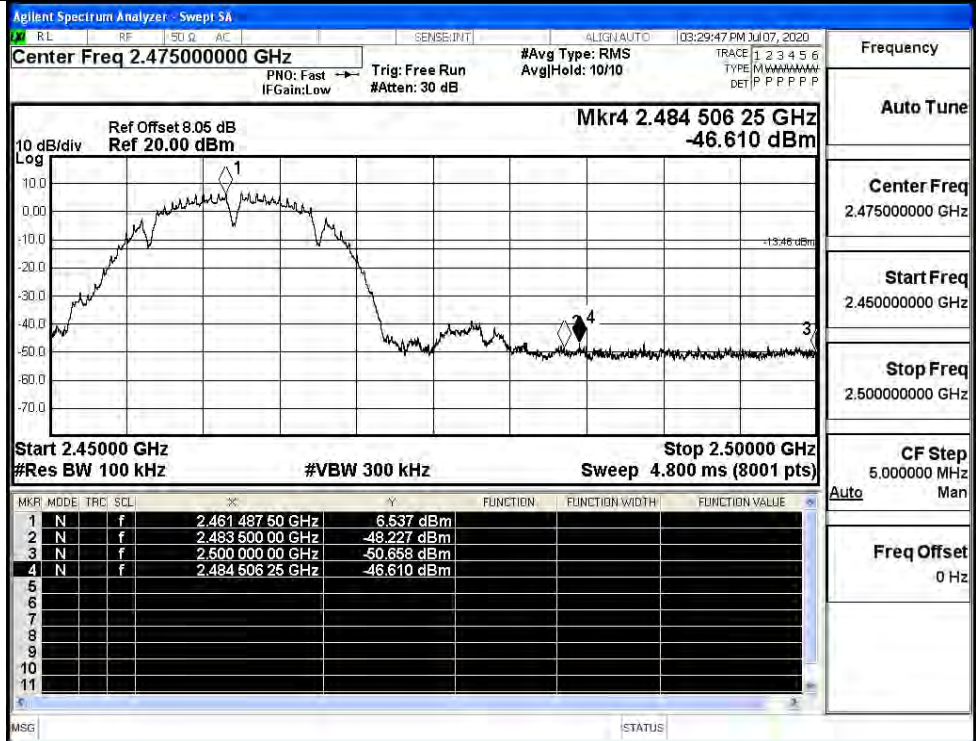
Ant_2

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.218	-41.788	-13.78	PASS
	HCH	6.537	-46.610	-13.46	PASS
11G	LCH	1.396	-43.106	-18.6	PASS
	HCH	2.578	-47.547	-17.42	PASS
11N20SISO	LCH	1.369	-41.106	-18.63	PASS
	HCH	2.688	-47.576	-17.31	PASS
11N40SISO	LCH	-2.103	-32.209	-22.1	PASS
	HCH	-1.200	-44.034	-21.2	PASS

Test Graphs Ant_2

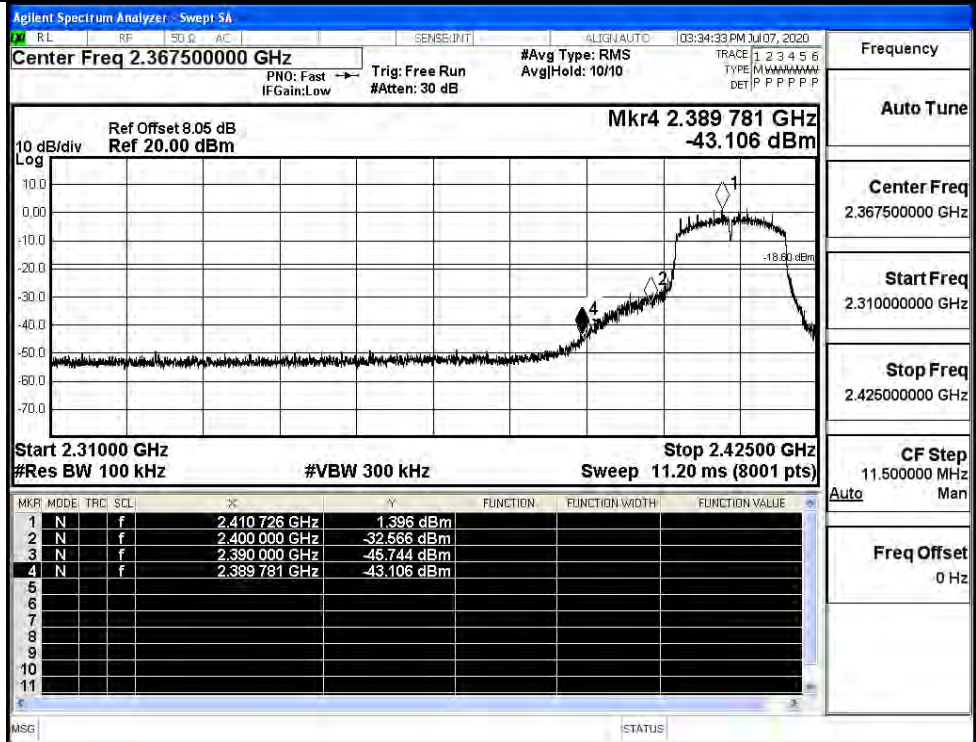


11B/HCH



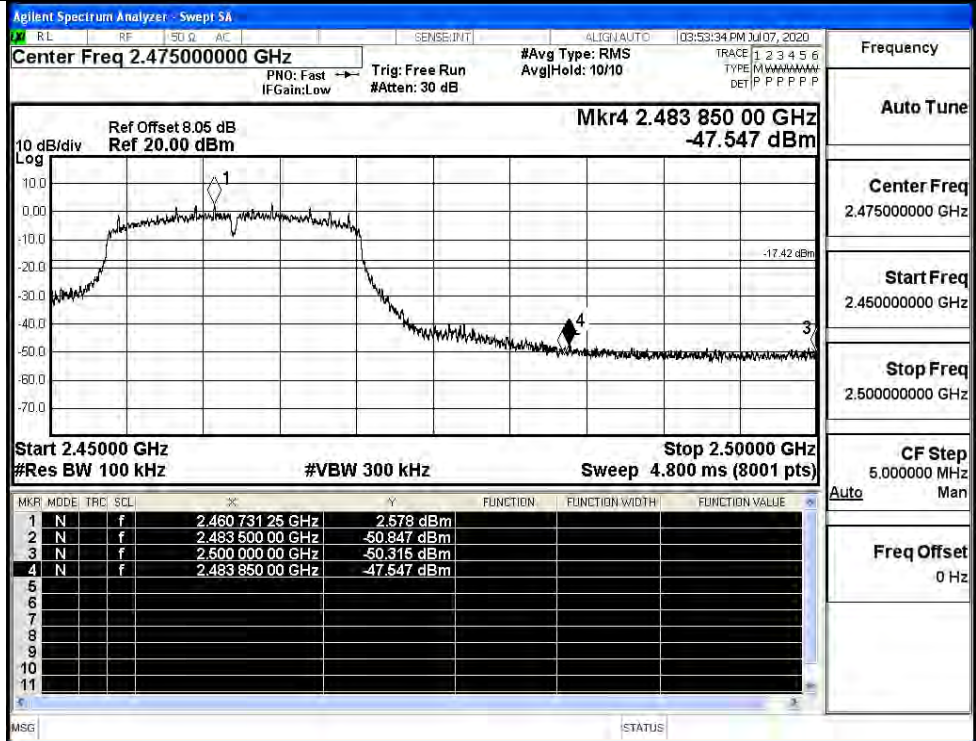
Frequency	2.47500000 GHz
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11G/LCH



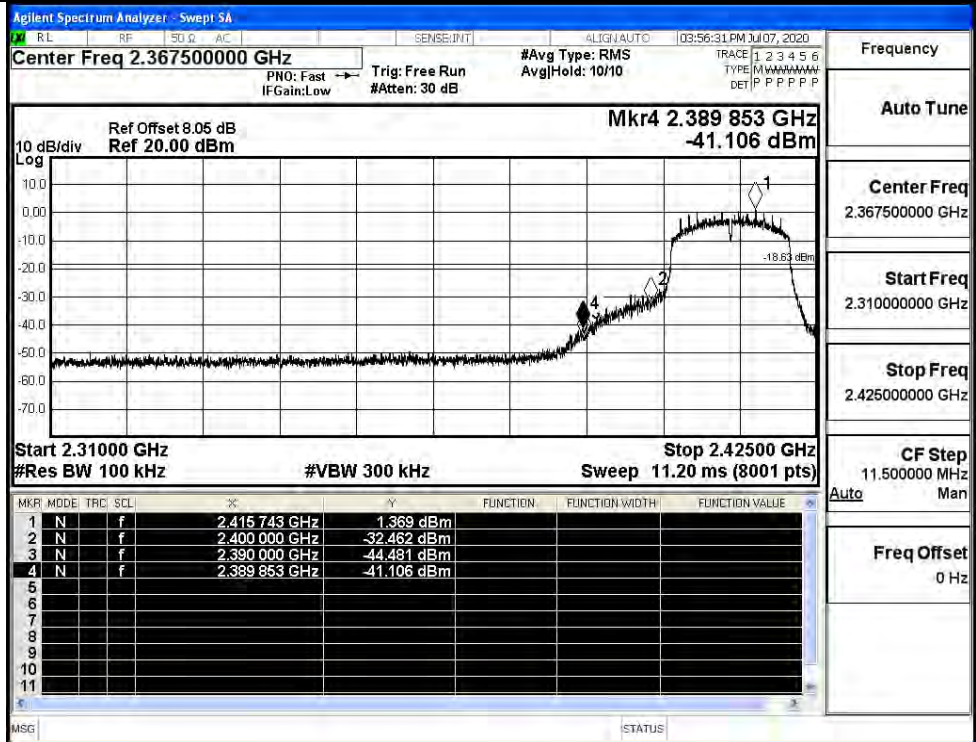
Frequency	2.36750000 GHz
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11G/HCH



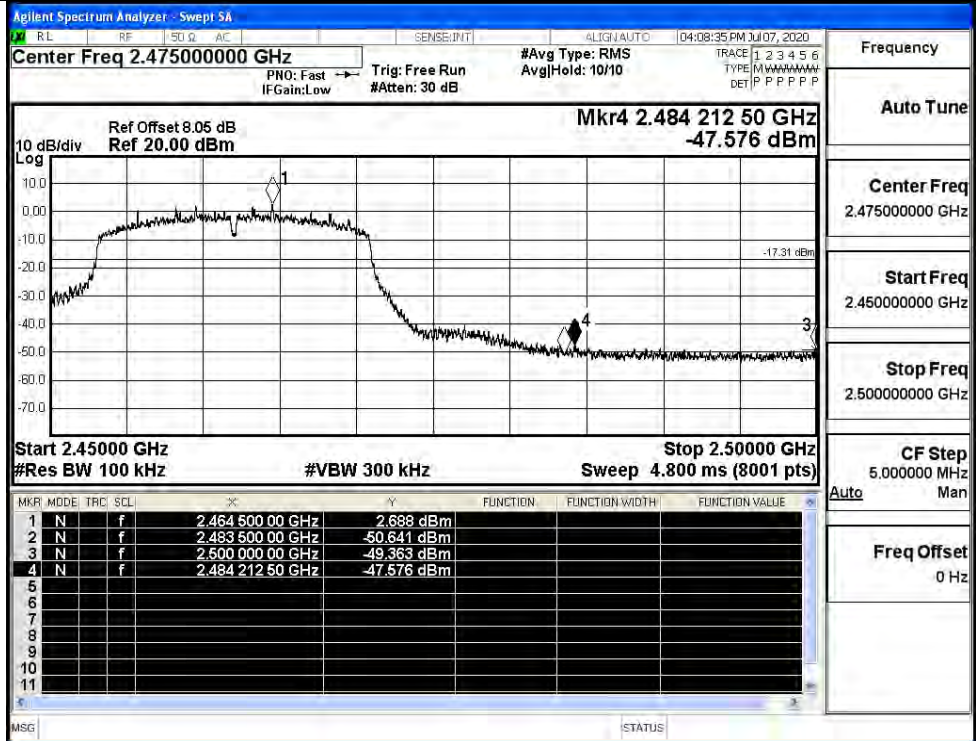
Frequency	2.47500000 GHz
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N20SISO/LCH



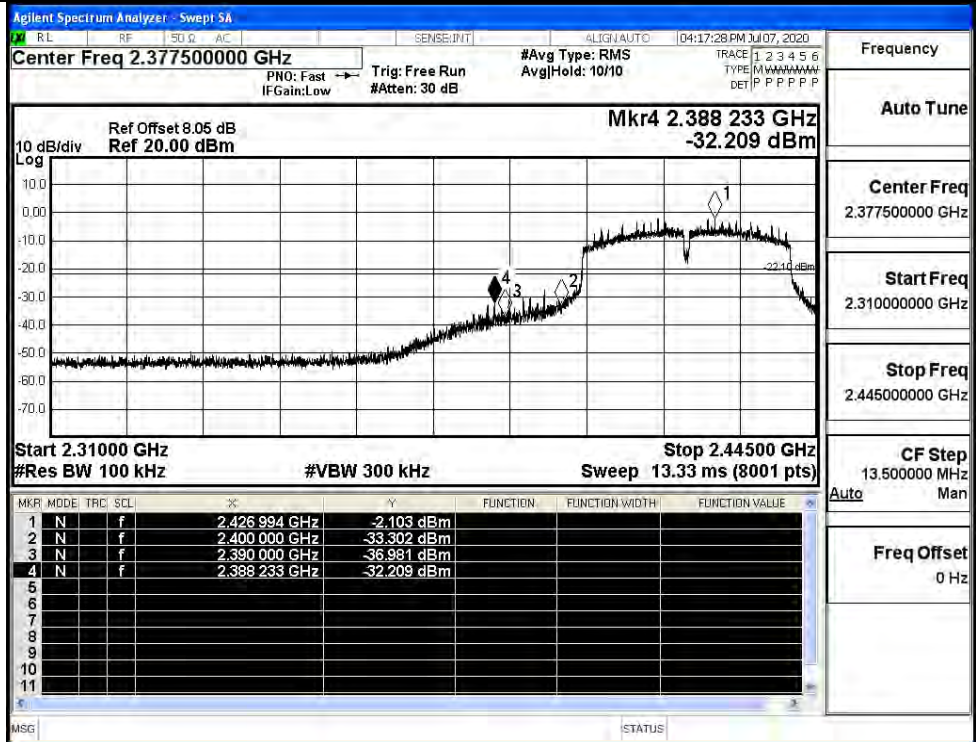
Frequency	2.36750000 GHz
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11N20SISO/HCH



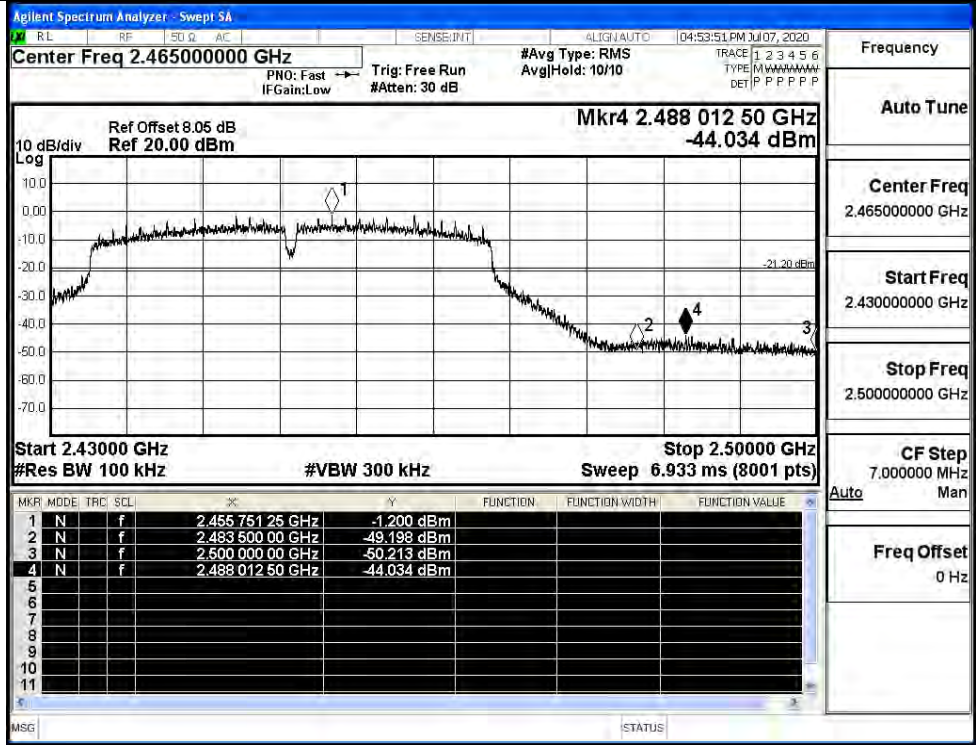
Frequency	2.47500000 GHz
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N40SISO/LCH



Frequency	2.37750000 GHz
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

11N40SISO/HCH



A.7 Restrict-band band-edge measurements

Ant_1

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	-42.63	2.7	0	55.30	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.29	2.7	0	44.64	AV	54	PASS
	2412	Ant_1	2390.0	-35.93	2.7	0	62.00	PEAK	74	PASS
	2412	Ant_1	2390.0	-46.25	2.7	0	51.68	AV	54	PASS
	2462	Ant_1	2483.5	-39.84	2.7	0	58.09	PEAK	74	PASS
	2462	Ant_1	2483.5	-48.37	2.7	0	49.56	AV	54	PASS
	2462	Ant_1	2500.0	-40.67	2.7	0	57.26	PEAK	74	PASS
	2462	Ant_1	2500.0	-50.90	2.7	0	47.03	AV	54	PASS
11G	2412	Ant_1	2310.0	-42.18	2.7	0	55.75	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.38	2.7	0	44.55	AV	54	PASS
	2412	Ant_1	2390.0	-33.51	2.7	0	64.42	PEAK	74	PASS
	2412	Ant_1	2390.0	-45.72	2.7	0	52.21	AV	54	PASS
	2462	Ant_1	2483.5	-39.42	2.7	0	58.51	PEAK	74	PASS
	2462	Ant_1	2483.5	-49.94	2.7	0	47.99	AV	54	PASS
	2462	Ant_1	2500.0	-39.69	2.7	0	58.24	PEAK	74	PASS
	2462	Ant_1	2500.0	-51.24	2.7	0	46.69	AV	54	PASS
11N20 SISO	2412	Ant_1	2310.0	-42.82	2.7	0	55.11	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.36	2.7	0	44.57	AV	54	PASS
	2412	Ant_1	2390.0	-32.03	2.7	0	65.90	PEAK	74	PASS
	2412	Ant_1	2390.0	-54.71	2.7	0	43.22	AV	54	PASS
	2462	Ant_1	2483.5	-39.77	2.7	0	58.16	PEAK	74	PASS
	2462	Ant_1	2483.5	-50.19	2.7	0	47.74	AV	54	PASS
	2462	Ant_1	2500.0	-40.59	2.7	0	57.34	PEAK	74	PASS
	2462	Ant_1	2500.0	-51.36	2.7	0	46.57	AV	54	PASS
11N40 SISO	2422	Ant_1	2310.0	-43.21	2.7	0	54.72	PEAK	74	PASS
	2422	Ant_1	2310.0	-53.43	2.7	0	44.50	AV	54	PASS
	2422	Ant_1	2390.0	-42.50	2.7	0	55.43	PEAK	74	PASS

	2422	Ant_1	2390.0	-52.50	2.7	0	45.43	AV	54	PASS
	2452	Ant_1	2483.5	-36.07	2.7	0	61.86	PEAK	74	PASS
	2452	Ant_1	2483.5	-52.88	2.7	0	45.05	AV	54	PASS
	2452	Ant_1	2500.0	-39.50	2.7	0	58.43	PEAK	74	PASS
	2452	Ant_1	2500.0	-50.84	2.7	0	47.09	AV	54	PASS

Ant_2

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant_2	2310.0	-43.26	2.7	0	54.67	PEAK	74	PASS
	2412	Ant_2	2310.0	-53.33	2.7	0	44.60	AV	54	PASS
	2412	Ant_2	2390.0	-37.46	2.7	0	60.47	PEAK	74	PASS
	2412	Ant_2	2390.0	-46.82	2.7	0	51.11	AV	54	PASS
	2462	Ant_2	2483.5	-39.25	2.7	0	58.68	PEAK	74	PASS
	2462	Ant_2	2483.5	-49.90	2.7	0	48.03	AV	54	PASS
	2462	Ant_2	2500.0	-39.88	2.7	0	58.05	PEAK	74	PASS
	2462	Ant_2	2500.0	-50.90	2.7	0	47.03	AV	54	PASS
11G	2412	Ant_2	2310.0	-43.12	2.7	0	54.81	PEAK	74	PASS
	2412	Ant_2	2310.0	-53.41	2.7	0	44.52	AV	54	PASS
	2412	Ant_2	2390.0	-32.72	2.7	0	65.21	PEAK	74	PASS
	2412	Ant_2	2390.0	-45.63	2.7	0	52.30	AV	54	PASS
	2462	Ant_2	2483.5	-37.57	2.7	0	60.36	PEAK	74	PASS
	2462	Ant_2	2483.5	-49.89	2.7	0	48.04	AV	54	PASS
	2462	Ant_2	2500.0	-41.42	2.7	0	56.51	PEAK	74	PASS
	2462	Ant_2	2500.0	-51.27	2.7	0	46.66	AV	54	PASS
11N20 SISO	2412	Ant_2	2310.0	-44.27	2.7	0	53.66	PEAK	74	PASS
	2412	Ant_2	2310.0	-53.41	2.7	0	44.52	AV	54	PASS
	2412	Ant_2	2390.0	-32.81	2.7	0	65.12	PEAK	74	PASS
	2412	Ant_2	2390.0	-54.65	2.7	0	43.28	AV	54	PASS
	2462	Ant_2	2483.5	-39.01	2.7	0	58.92	PEAK	74	PASS
	2462	Ant_2	2483.5	-50.20	2.7	0	47.73	AV	54	PASS

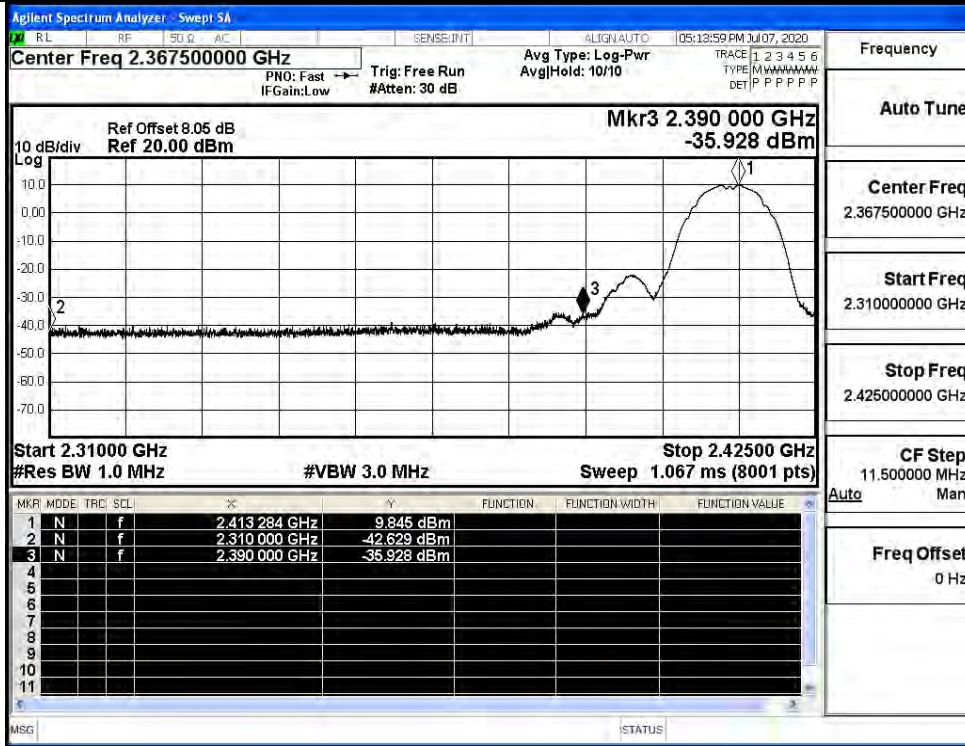
	2462	Ant_2	2500.0	-42.26	2.7	0	55.67	PEAK	74	PASS
	2462	Ant_2	2500.0	-51.37	2.7	0	46.56	AV	54	PASS
11N40 SISO	2422	Ant_2	2310.0	-43.08	2.7	0	54.85	PEAK	74	PASS
	2422	Ant_2	2310.0	-53.49	2.7	0	44.44	AV	54	PASS
	2422	Ant_2	2390.0	-37.22	2.7	0	60.71	PEAK	74	PASS
	2422	Ant_2	2390.0	-48.83	2.7	0	49.10	AV	54	PASS
	2452	Ant_2	2483.5	-36.92	2.7	0	61.01	PEAK	74	PASS
	2452	Ant_2	2483.5	-52.92	2.7	0	44.98	AV	54	PASS
	2452	Ant_2	2500.0	-39.37	2.7	0	58.56	PEAK	74	PASS
	2452	Ant_2	2500.0	-50.88	2.7	0	47.05	AV	54	PASS

Combined Ant_0 and Ant_1

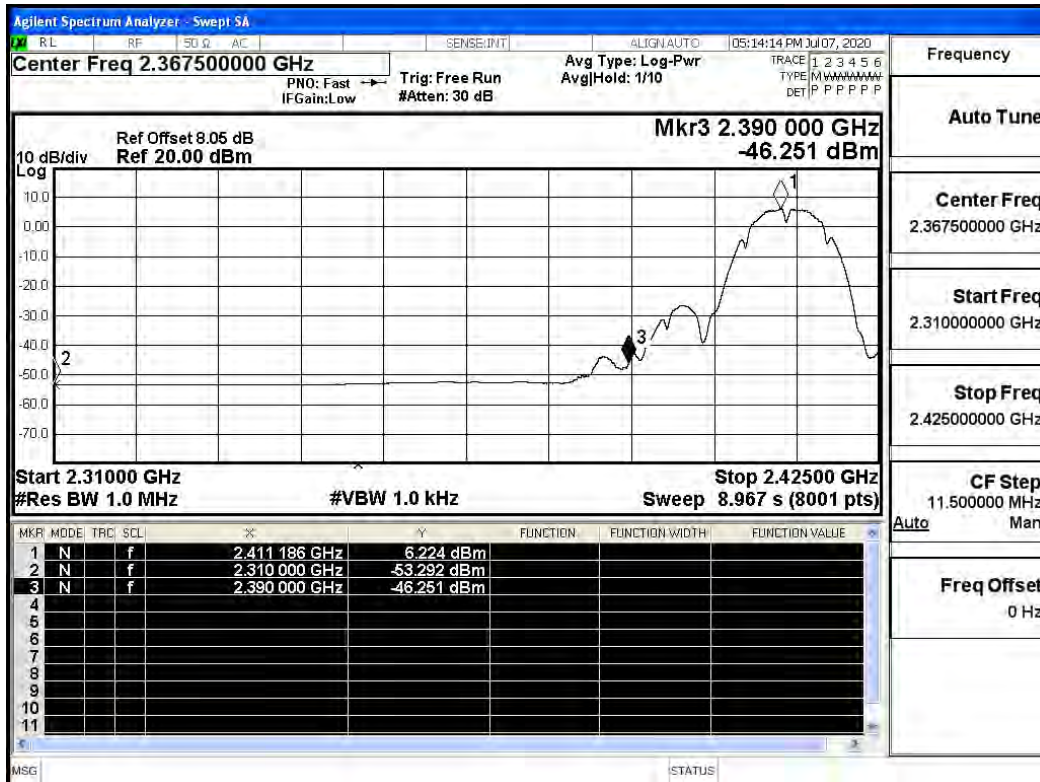
Test Mode	Frequency (MHz)	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2412	-42.82	-44.27	-40.47	5.71	0	60.47	Peak	74
	2412	-53.36	-53.41	-50.37	5.71	0	50.57	Average	54
	2412	-32.03	-32.81	-29.39	5.71	0	71.55	Peak	74
	2412	-54.71	-54.65	-51.67	5.71	0	49.27	Average	54
	2462	-39.77	-39.01	-36.36	5.71	0	64.58	Peak	74
	2462	-50.19	-50.20	-47.18	5.71	0	53.76	Average	54
	2462	-40.59	-42.26	-38.33	5.71	0	62.61	Peak	74
	2462	-51.36	-51.37	-48.35	5.71	0	52.59	Average	54
11N40 MIMO	2422	-43.21	-43.08	-40.13	5.71	0	60.81	Peak	74
	2422	-53.43	-53.49	-50.45	5.71	0	50.49	Average	54
	2422	-42.50	-37.22	-36.09	5.71	0	64.85	Peak	74
	2422	-52.50	-48.83	-47.28	5.71	0	53.66	Average	54
	2452	-36.07	-36.92	-33.46	5.71	0	67.48	Peak	74
	2452	-52.88	-52.92	-49.89	5.71	0	51.05	Average	54
	2452	-39.50	-39.37	-36.42	5.71	0	64.52	Peak	74
	2452	-50.84	-50.88	-47.85	5.71	0	53.09	Average	54

Ant_1

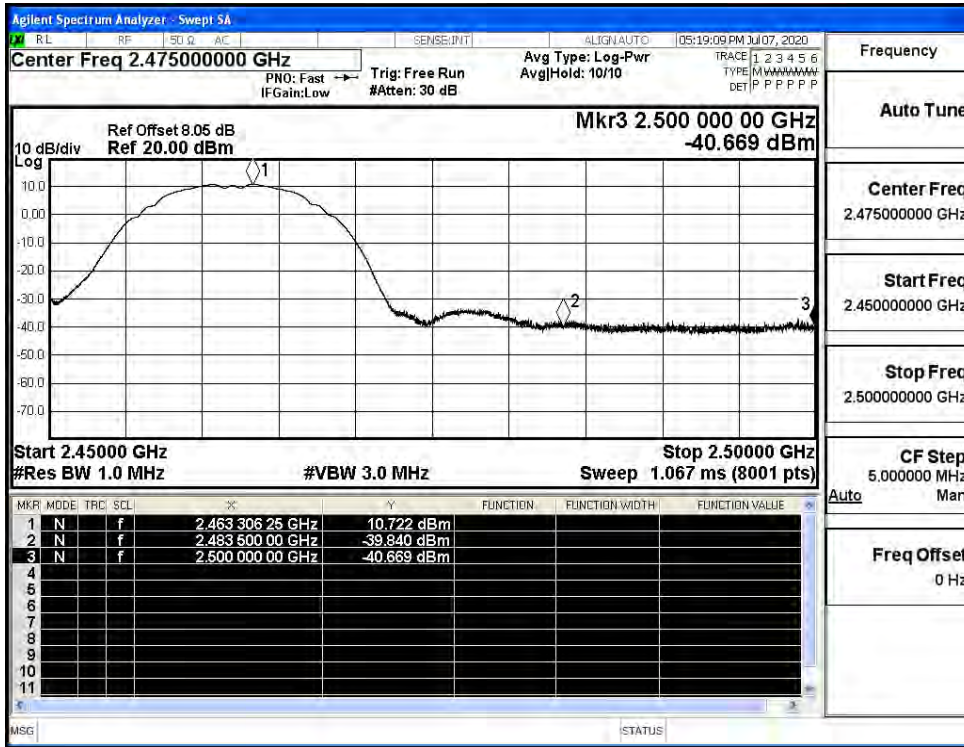
Restrict-band band-edge measurements_11B_2412_Ant_1_PEAK



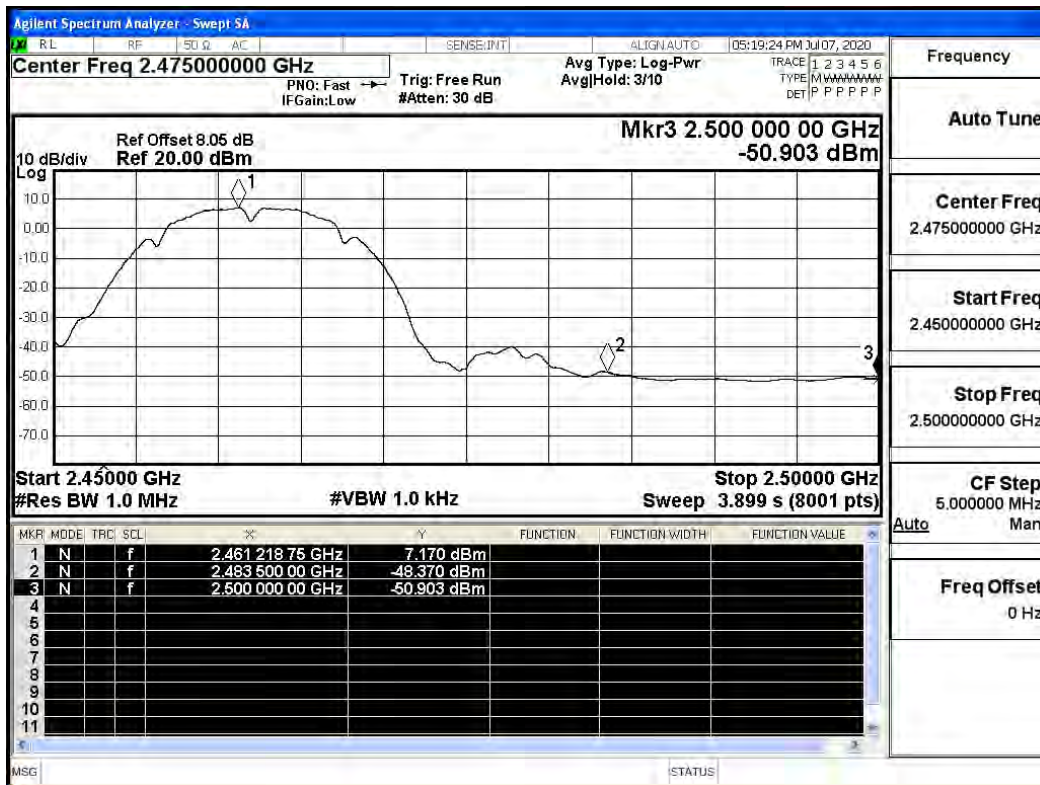
Restrict-band band-edge measurements_11B_2412_Ant_1_AV



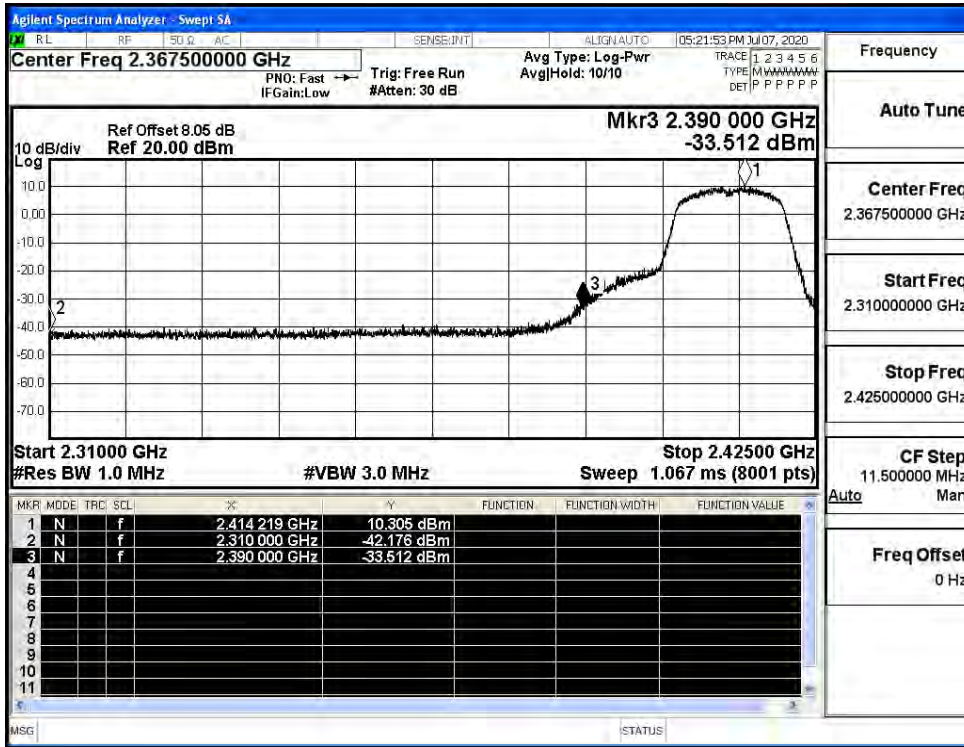
Restrict-band band-edge measurements_11B_2462_Ant_1_PEAK



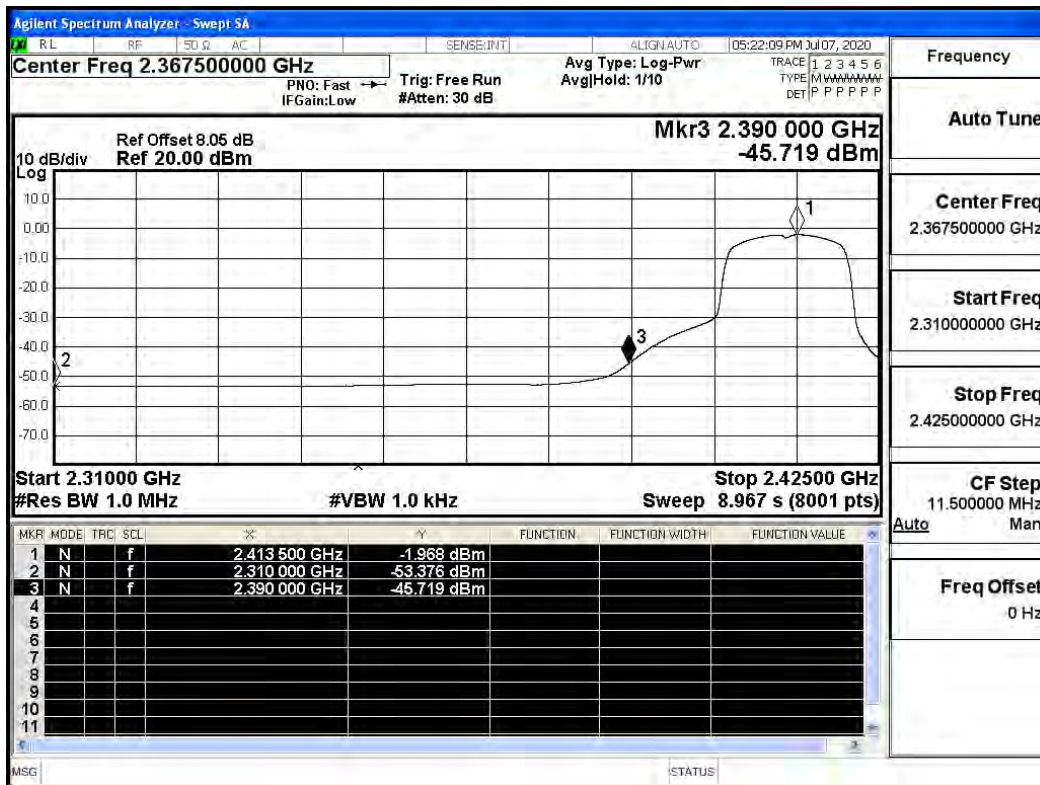
Restrict-band band-edge measurements_11B_2462_Ant_1_AV



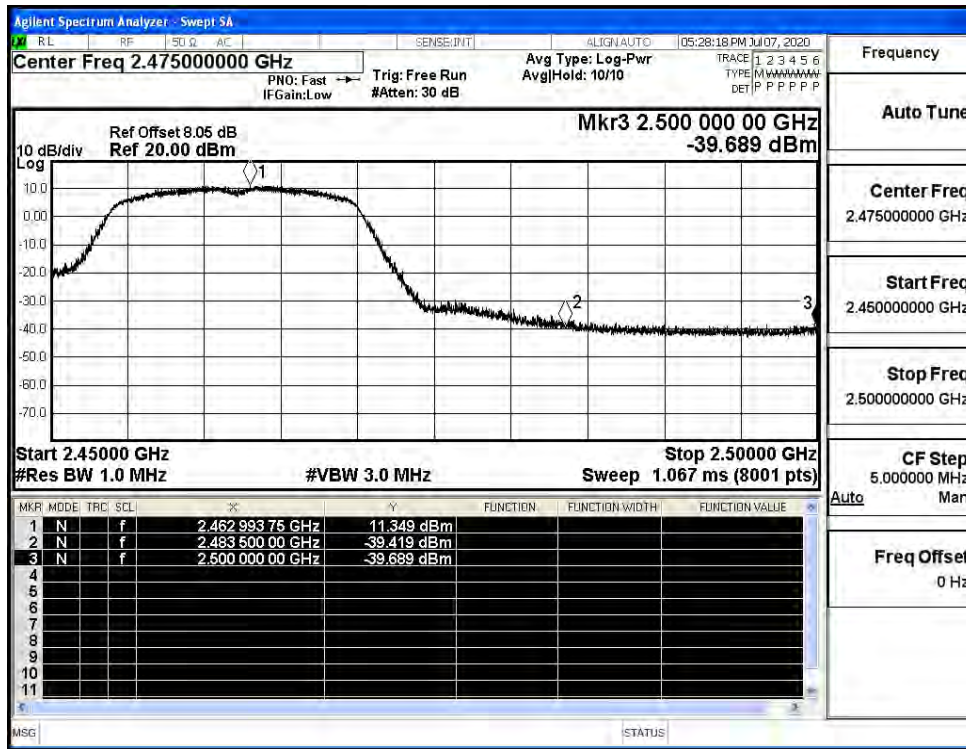
Restrict-band band-edge measurements_11G_2412_Ant_1_PEAK



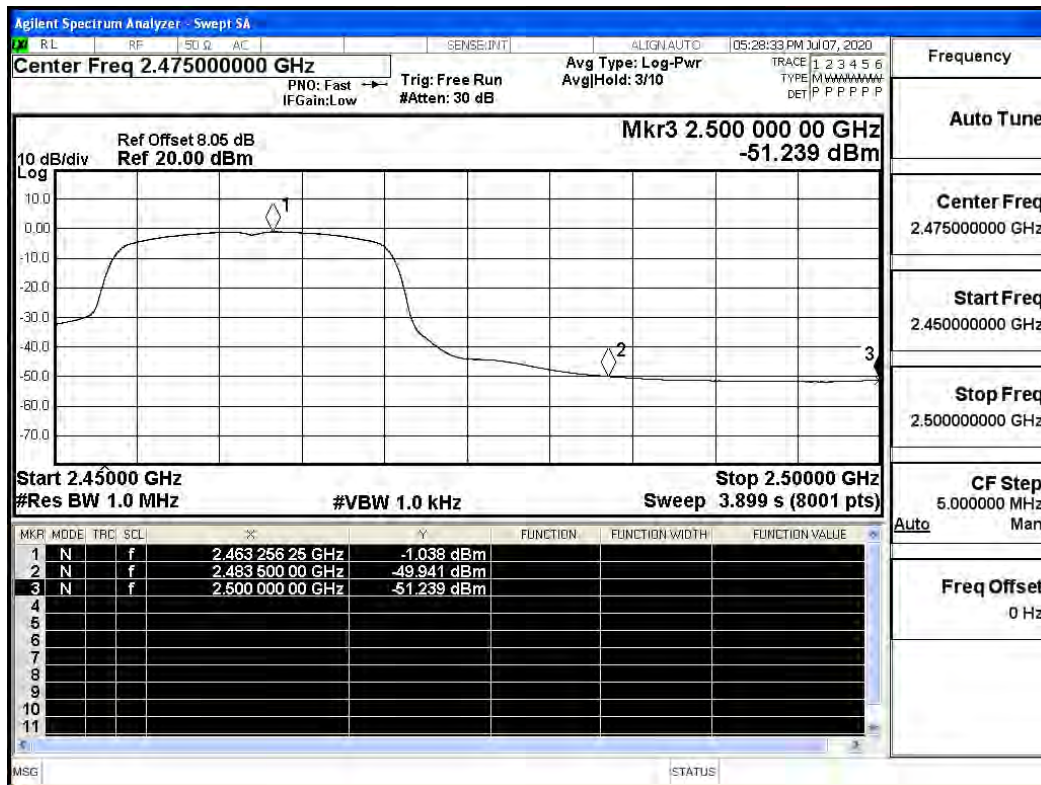
Restrict-band band-edge measurements_11G_2412_Ant_1_AV



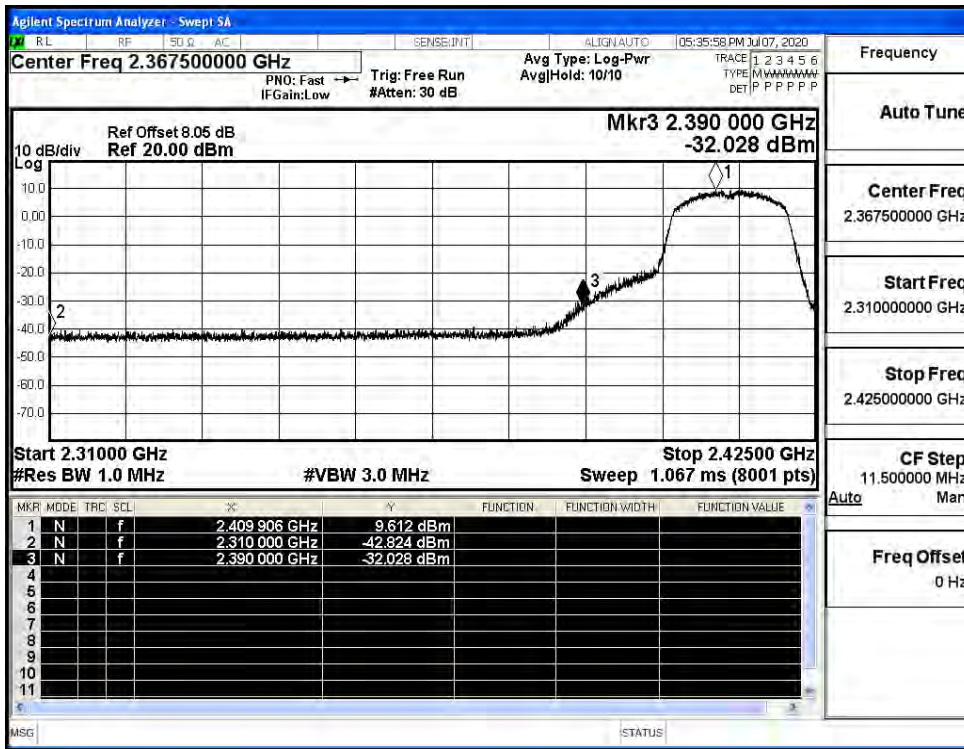
Restrict-band band-edge measurements_11G_2462_Ant_1_PEAK



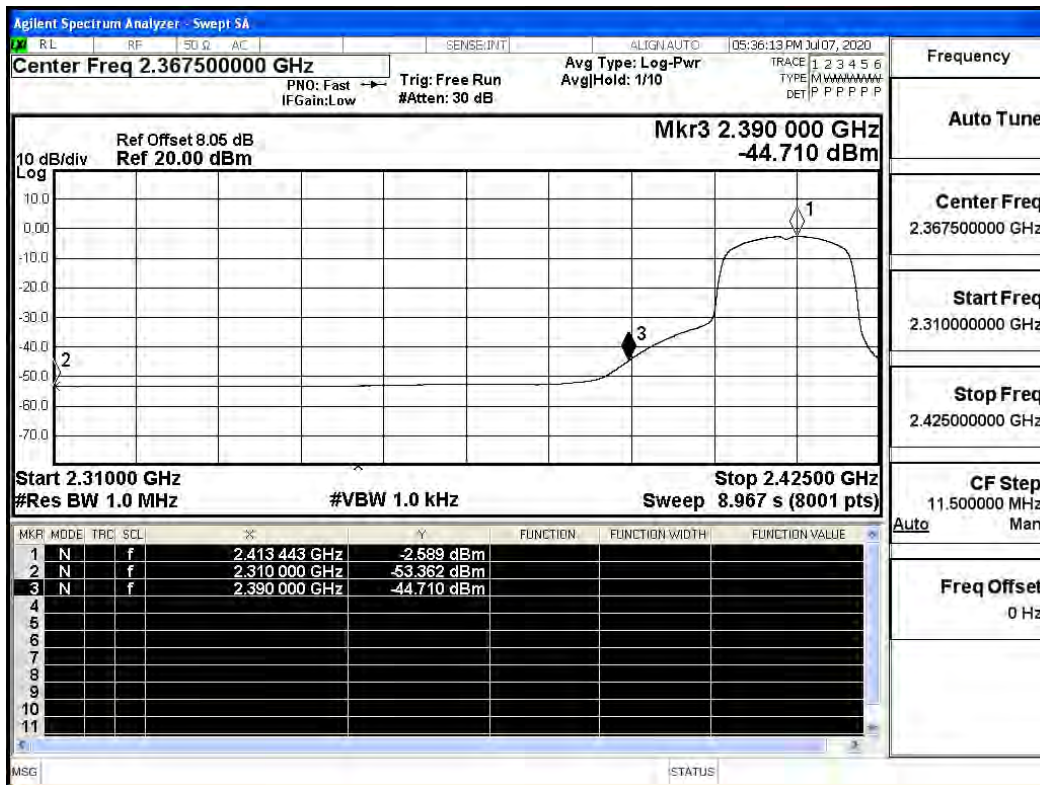
Restrict-band band-edge measurements_11G_2462_Ant_1_AV



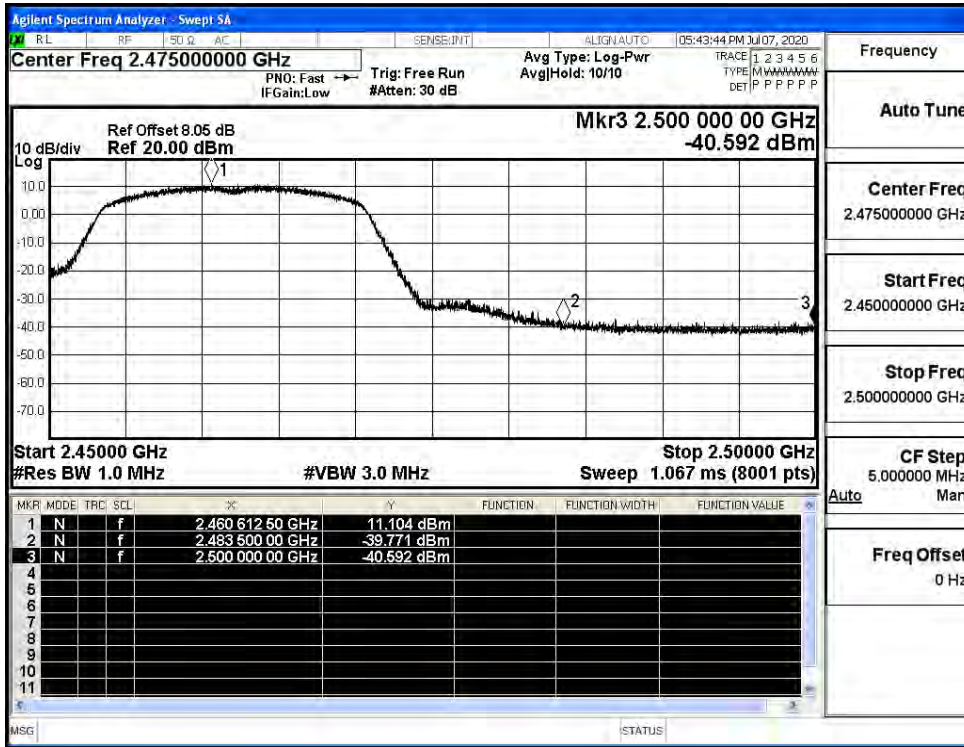
Restrict-band band-edge measurements_11N20SISO_2412_Ant_1_PEAK



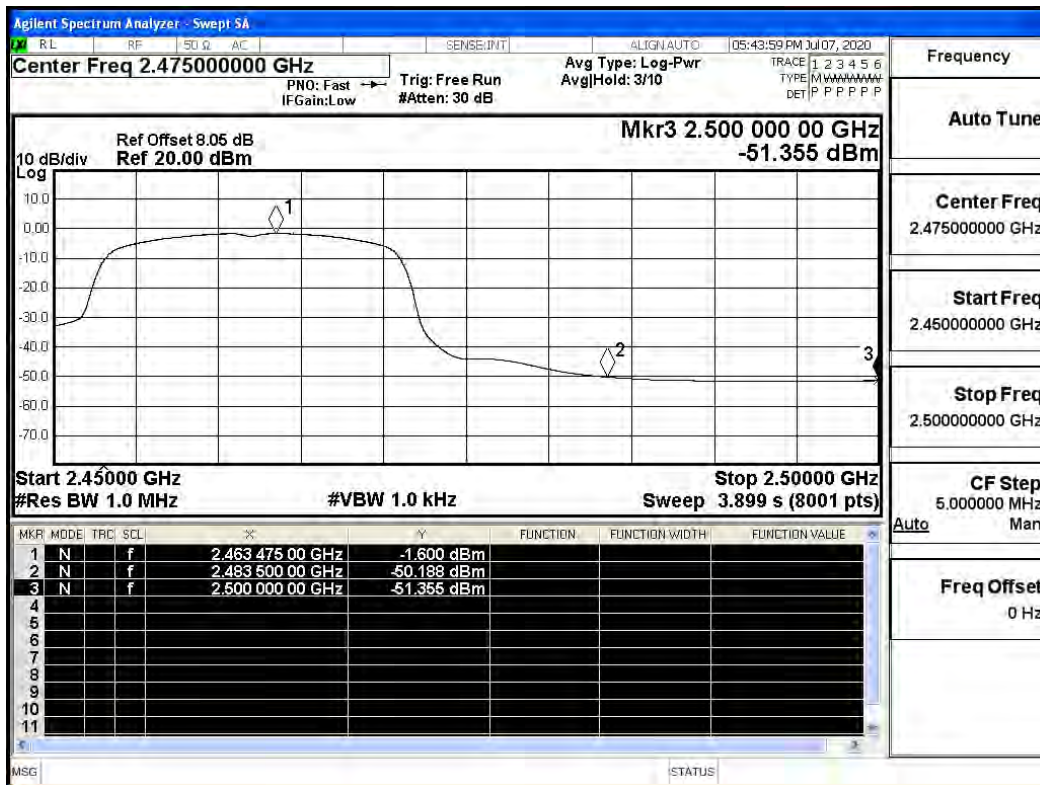
Restrict-band band-edge measurements_11N20SISO_2412_Ant_1_AV



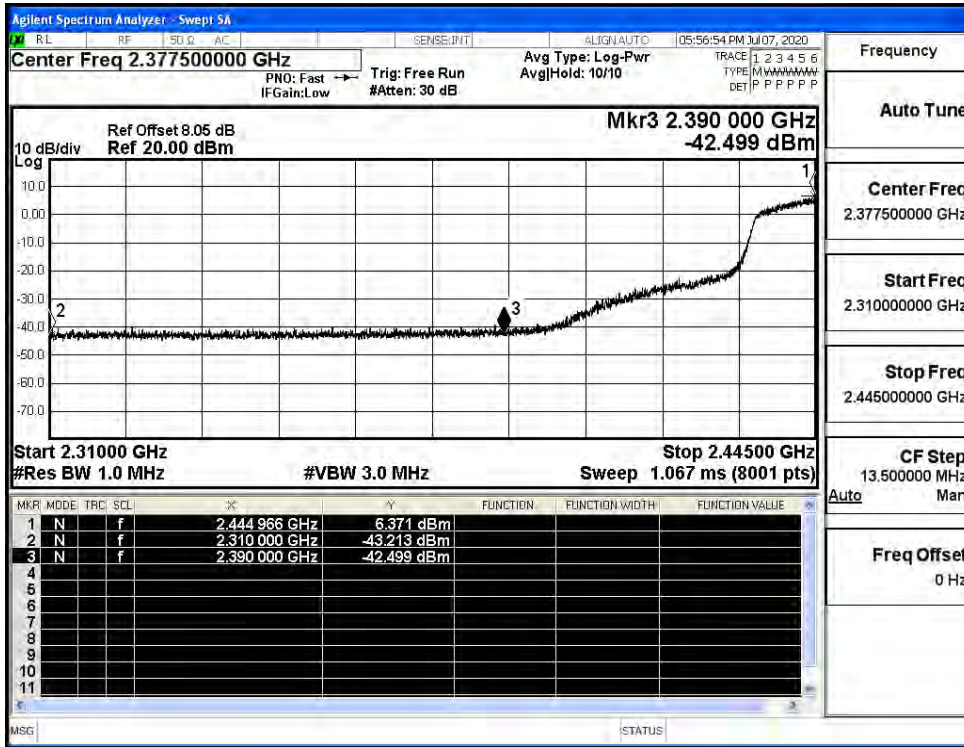
Restrict-band band-edge measurements_11N20SISO_2462_Ant_1_PEAK



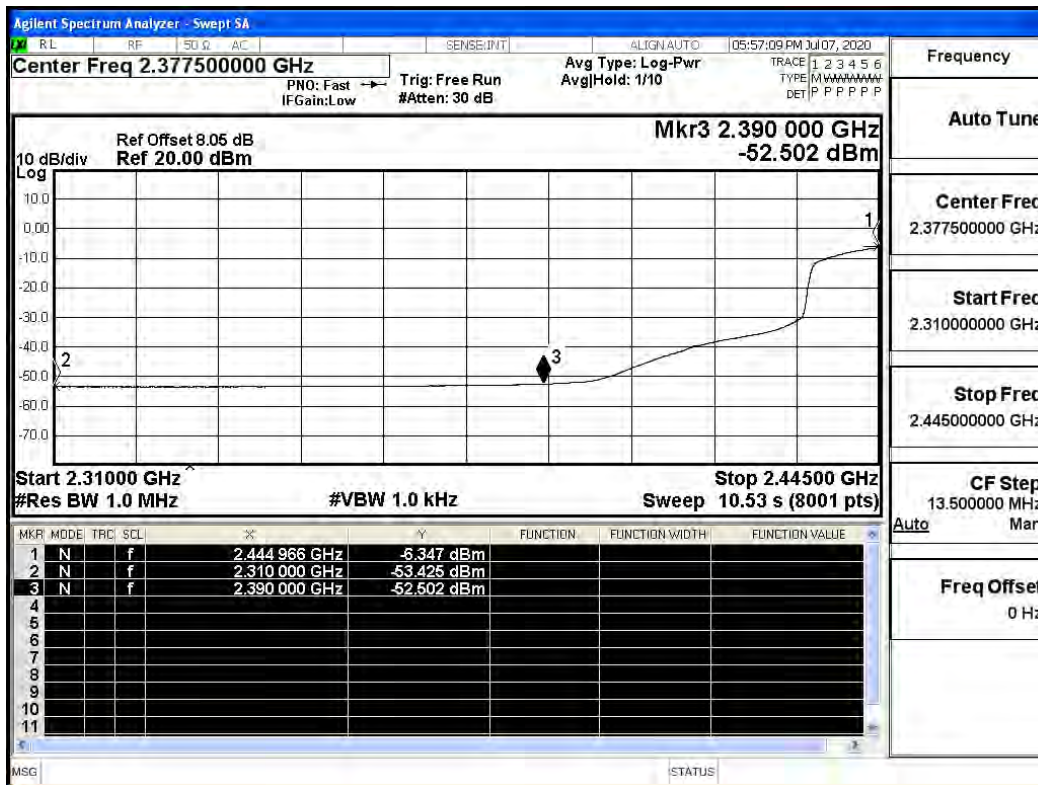
Restrict-band band-edge measurements_11N20SISO_2462_Ant_1_AV



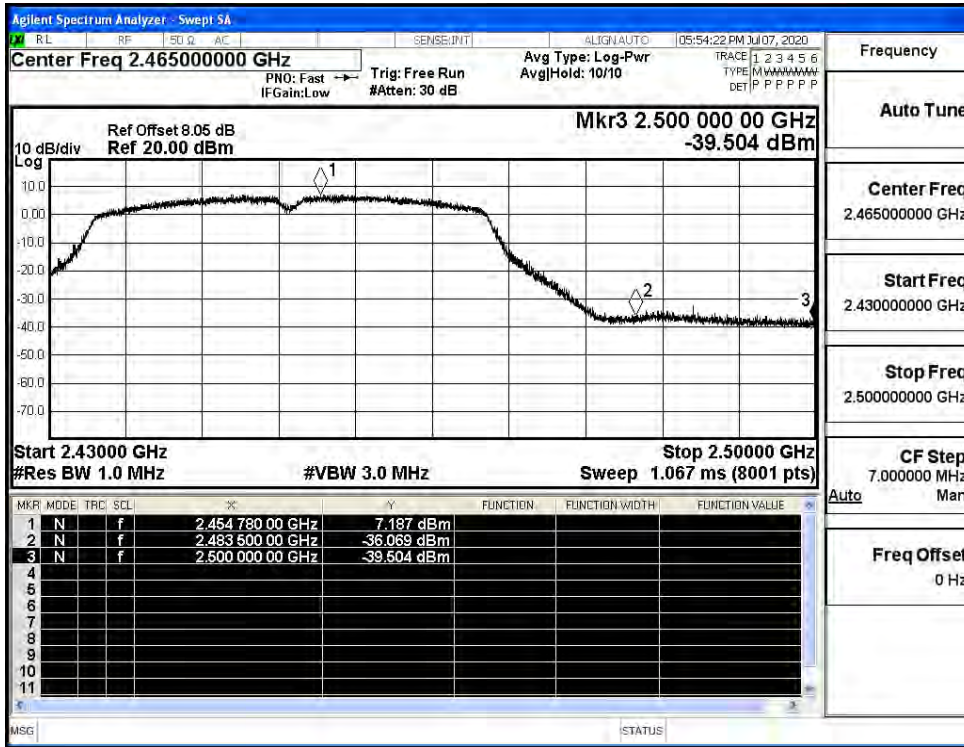
Restrict-band band-edge measurements_11N40SISO_2422_Ant_1_PEAK



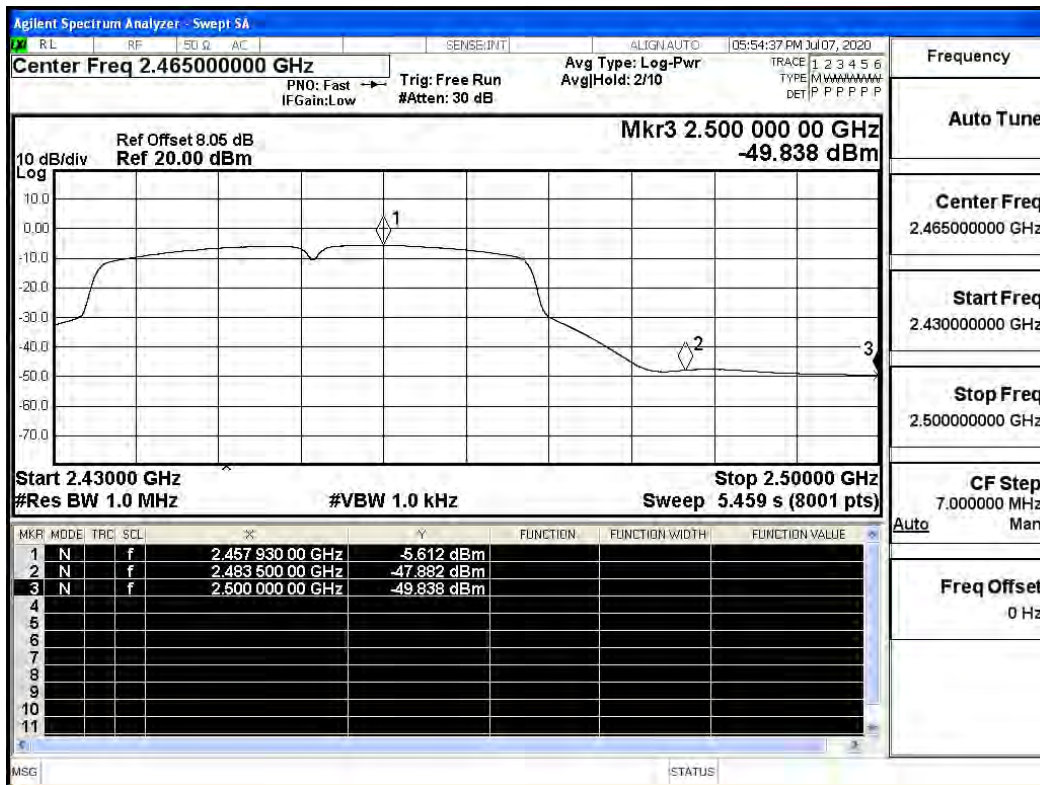
Restrict-band band-edge measurements_11N40SISO_2422_Ant_1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant_1_PEAK

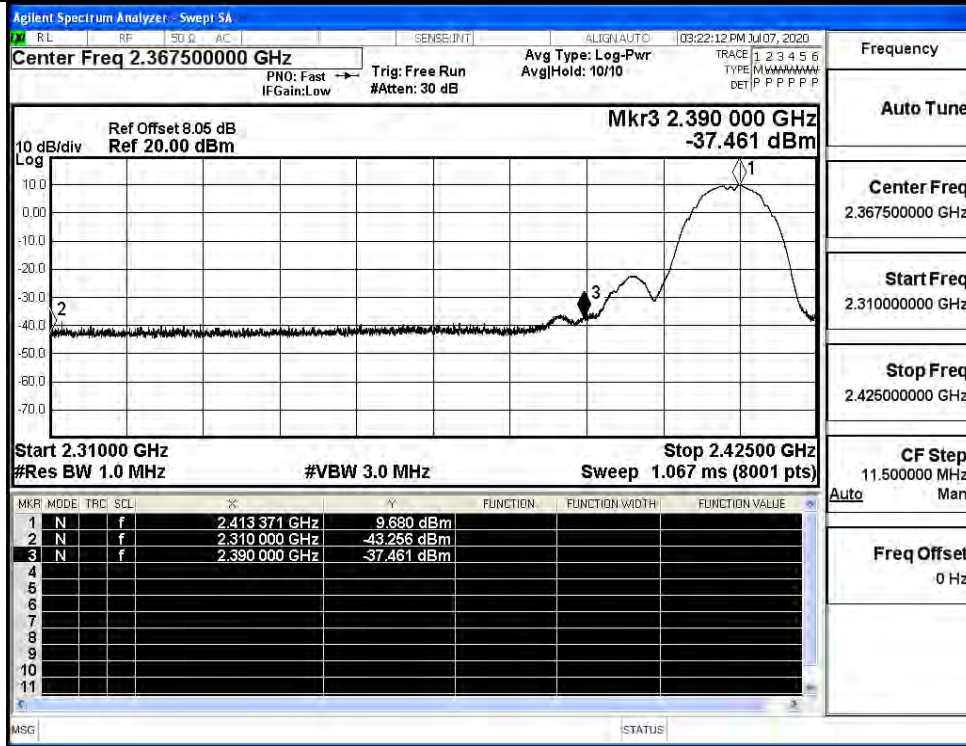


Restrict-band band-edge measurements_11N40SISO_2452_Ant_1_AV

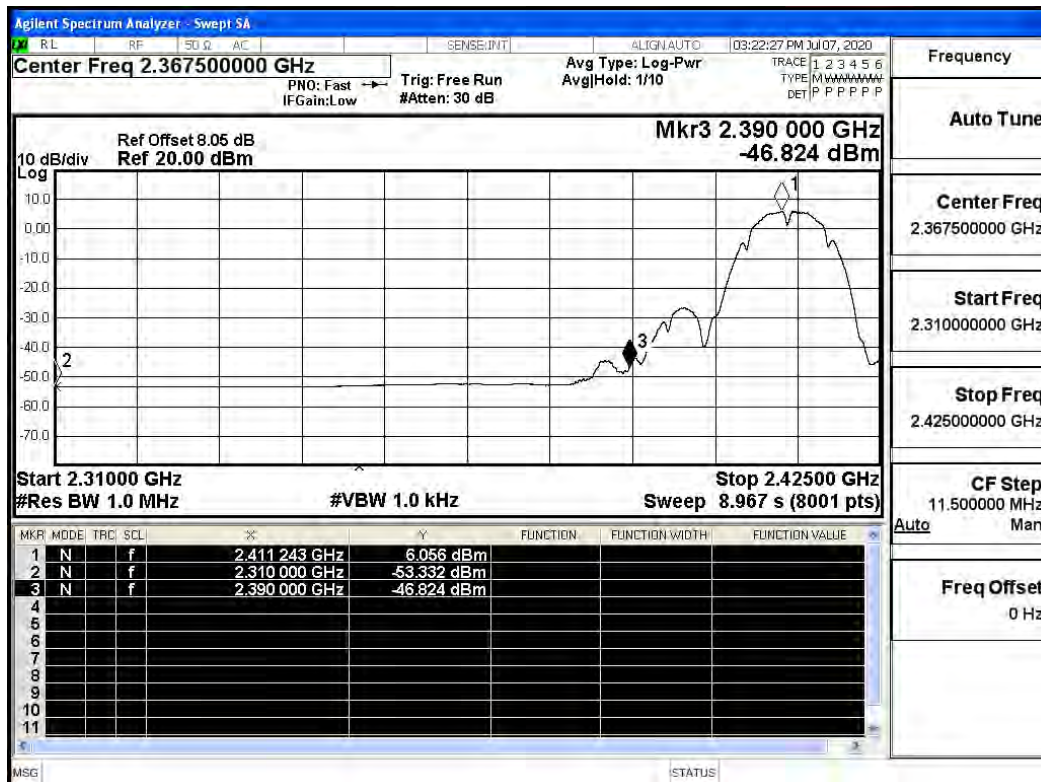


Ant_2

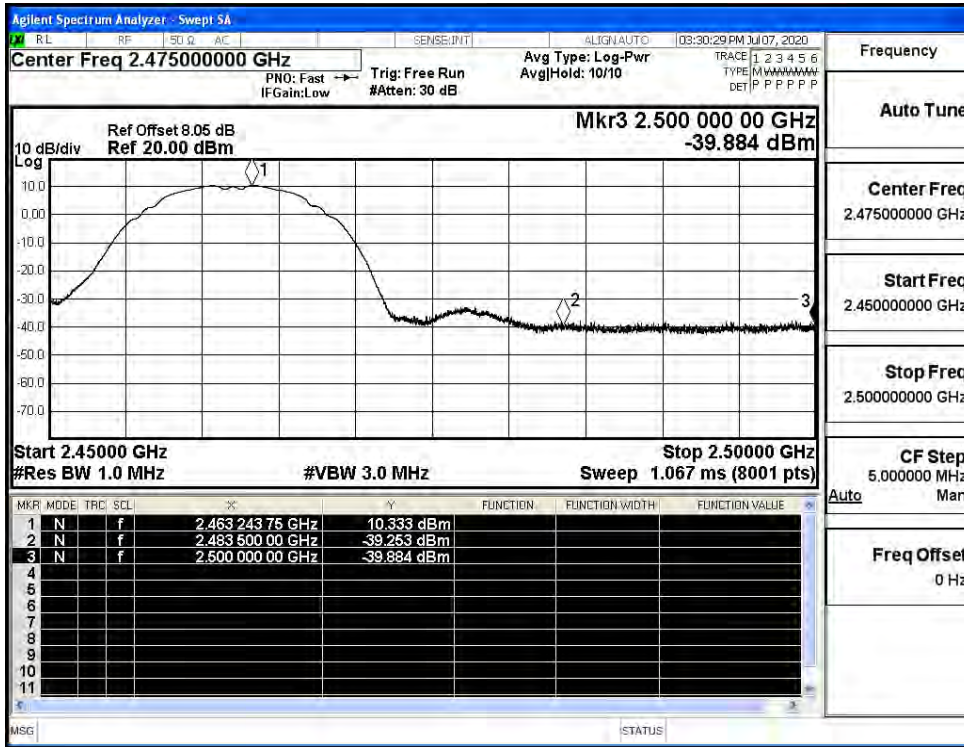
Restrict-band band-edge measurements_11B_2412_Ant_2_PEAK



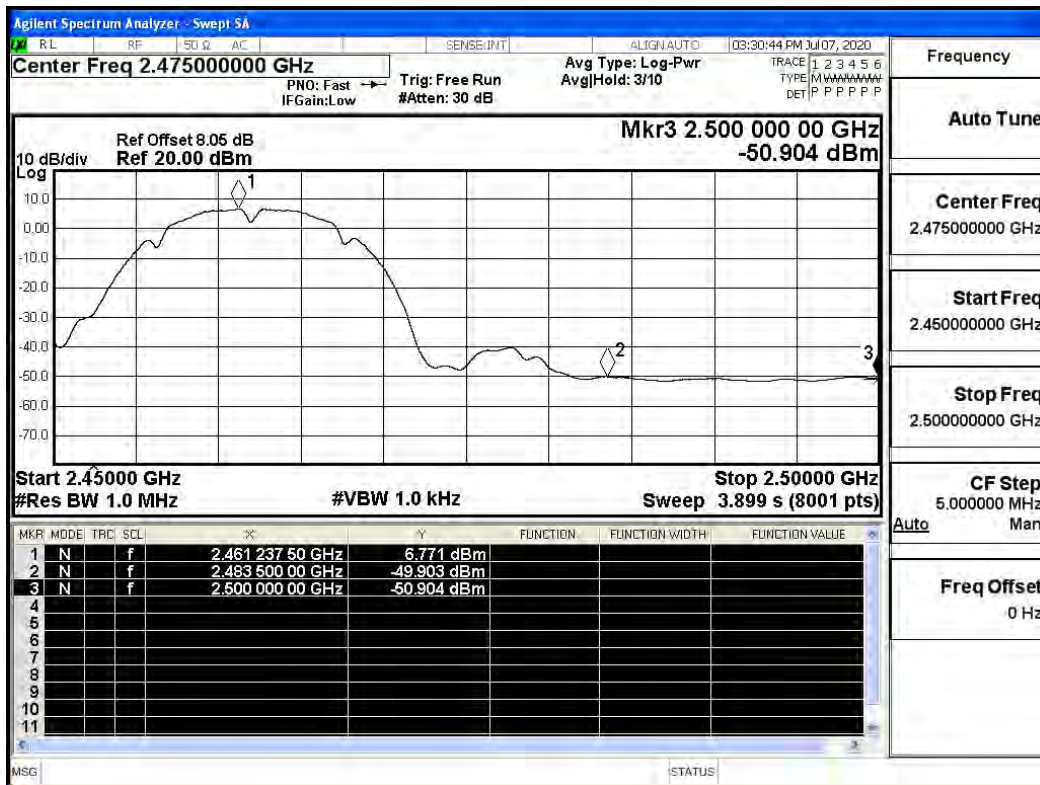
Restrict-band band-edge measurements_11B_2412_Ant_2_AV



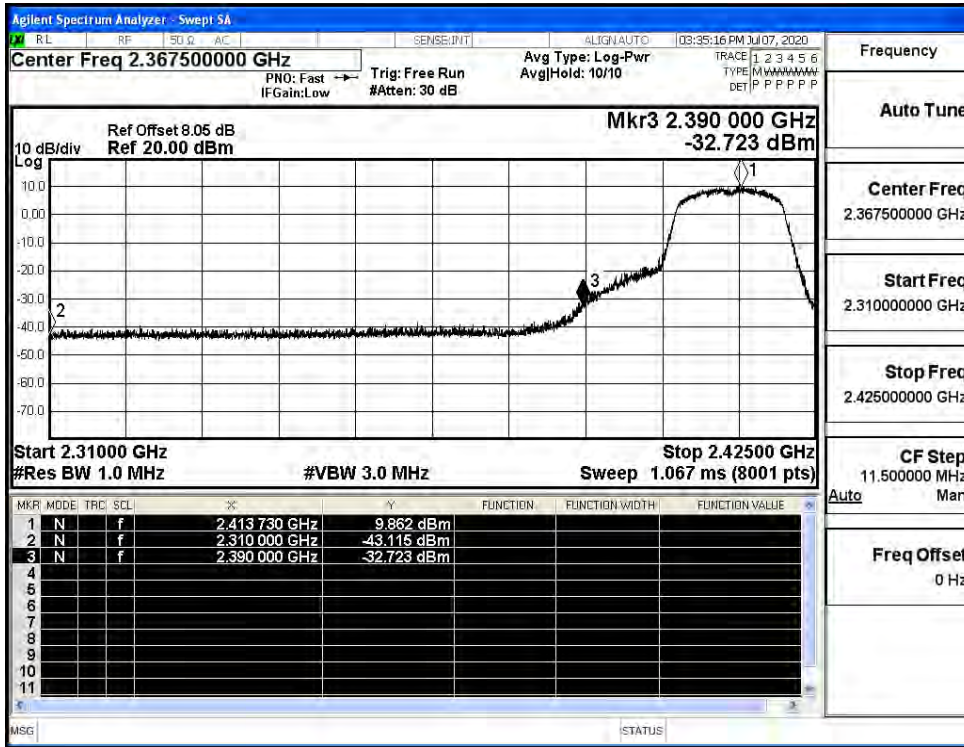
Restrict-band band-edge measurements_11B_2462_Ant_2_PEAK



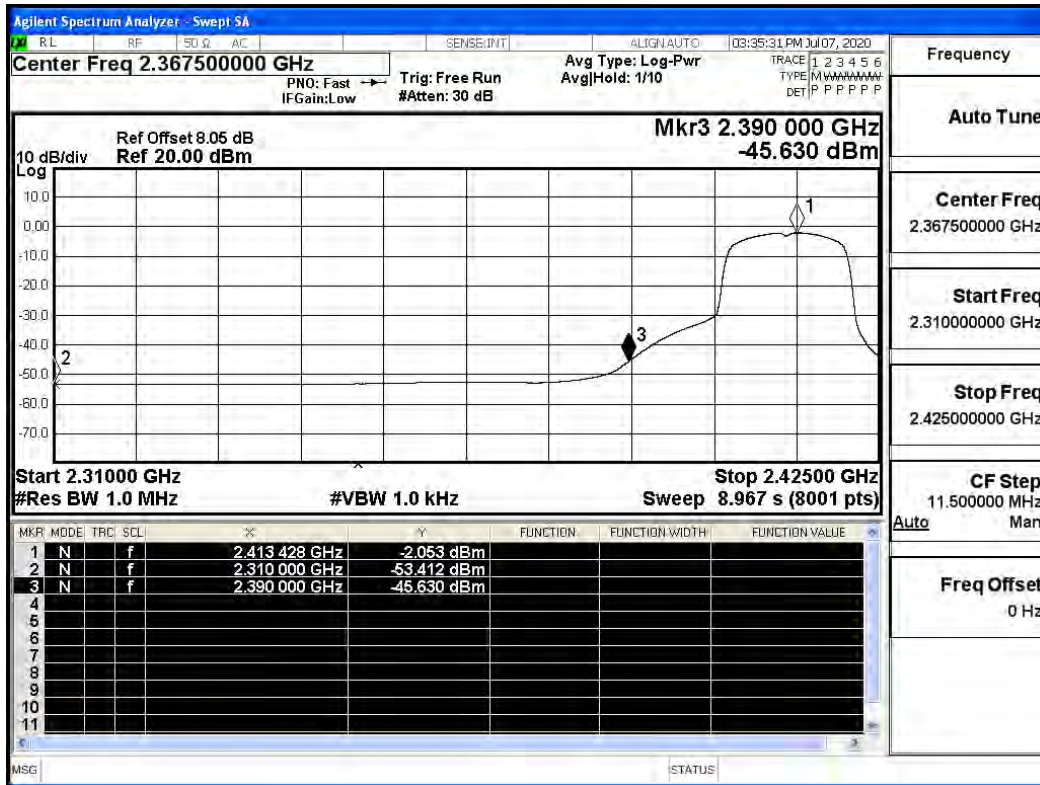
Restrict-band band-edge measurements_11B_2462_Ant_2_AV



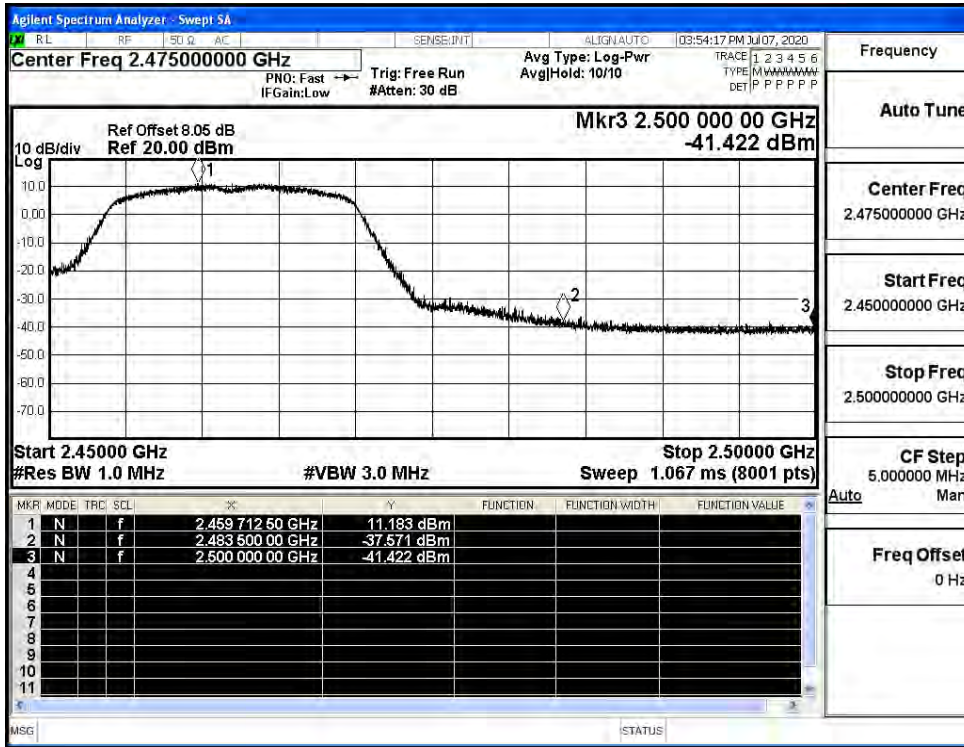
Restrict-band band-edge measurements_11G_2412_Ant_2_PEAK



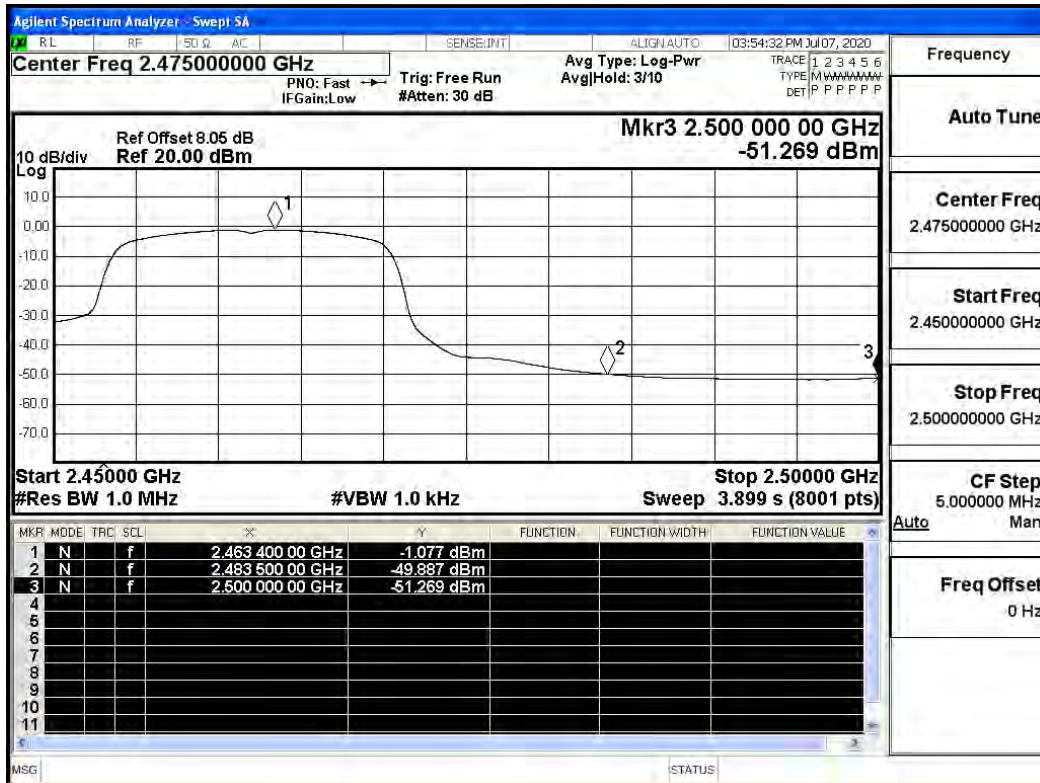
Restrict-band band-edge measurements_11G_2412_Ant_2_AV



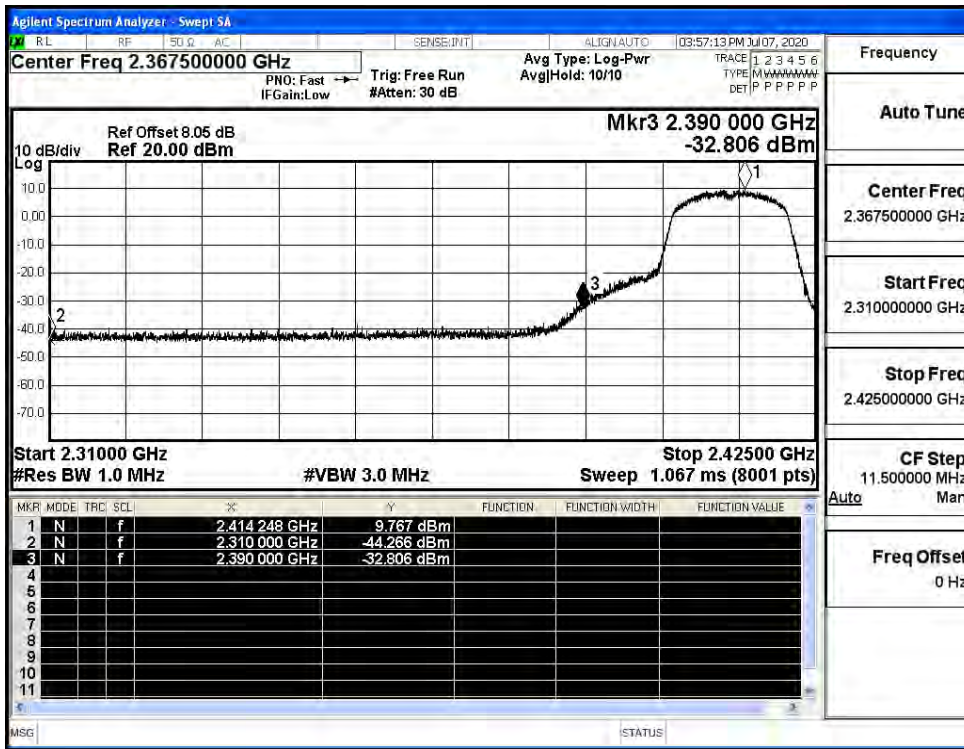
Restrict-band band-edge measurements_11G_2462_Ant_2_PEAK



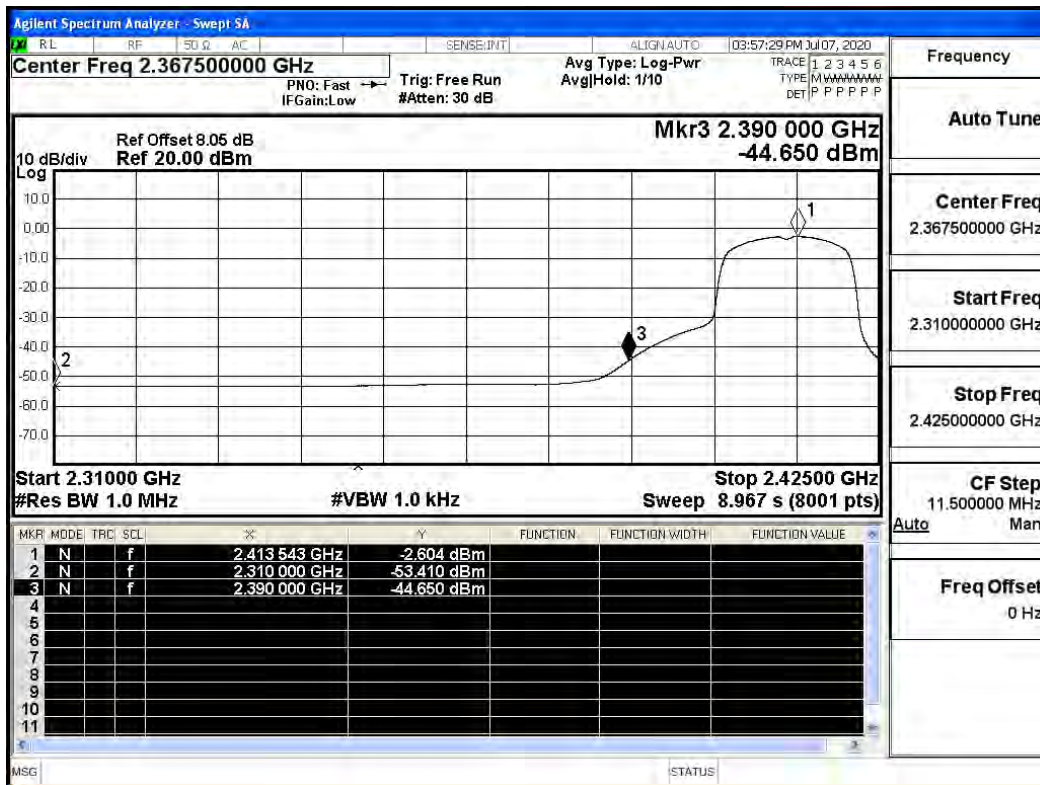
Restrict-band band-edge measurements_11G_2462_Ant_2_AV



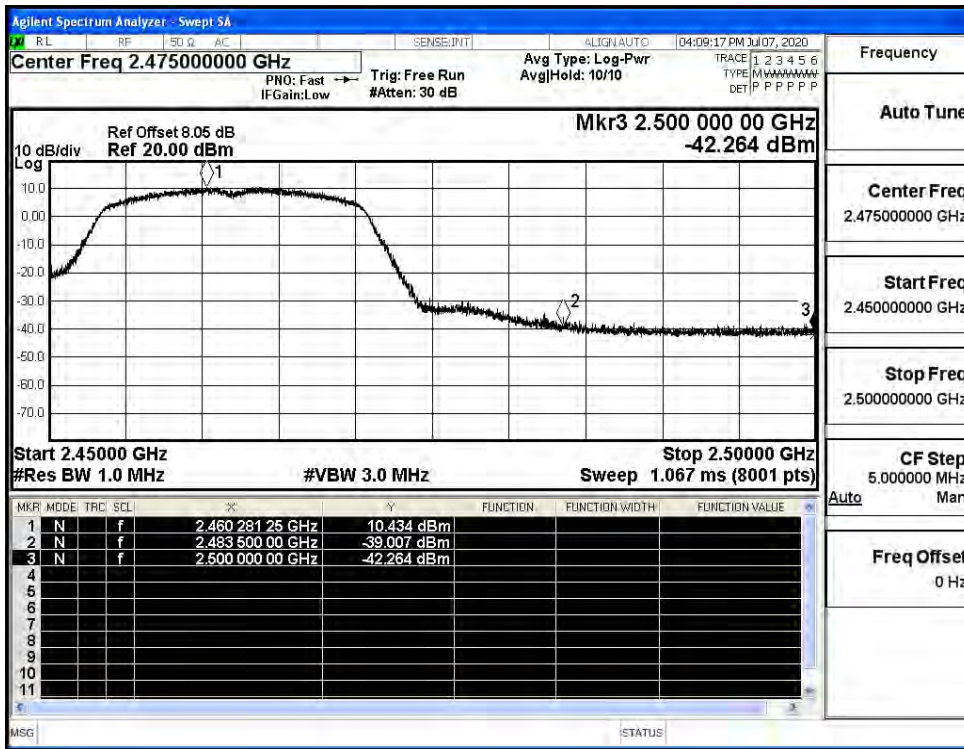
Restrict-band band-edge measurements_11N20SISO_2412_Ant_2_PEAK



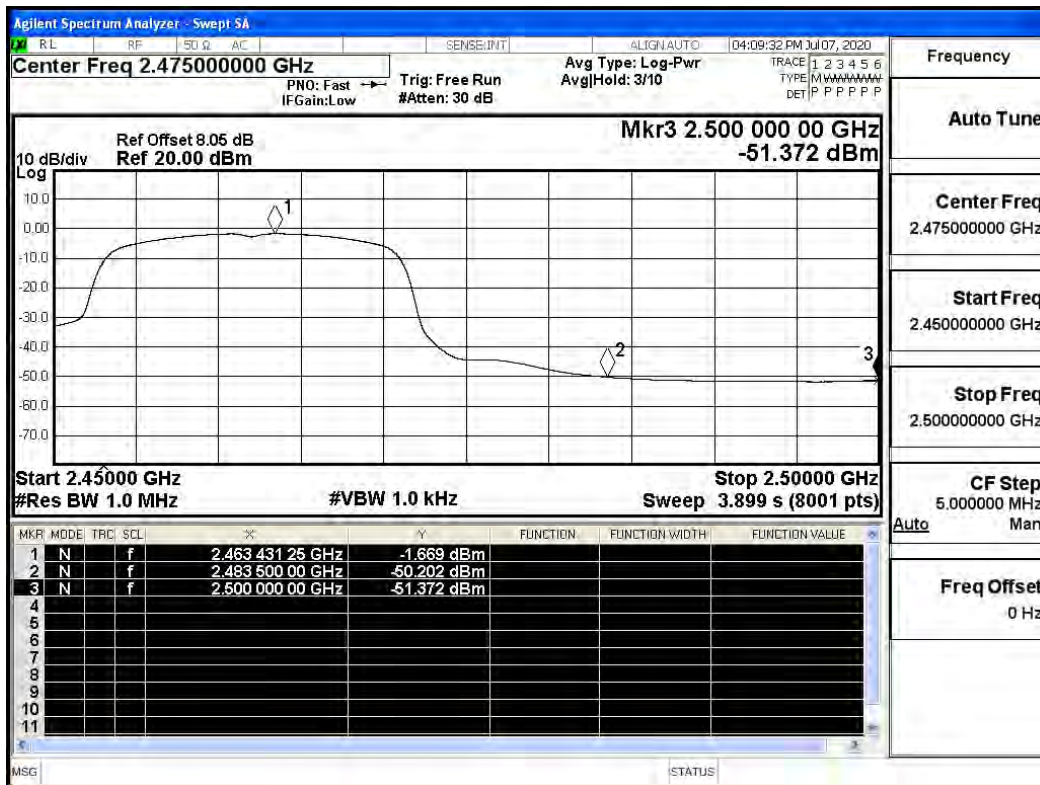
Restrict-band band-edge measurements_11N20SISO_2412_Ant_2_AV



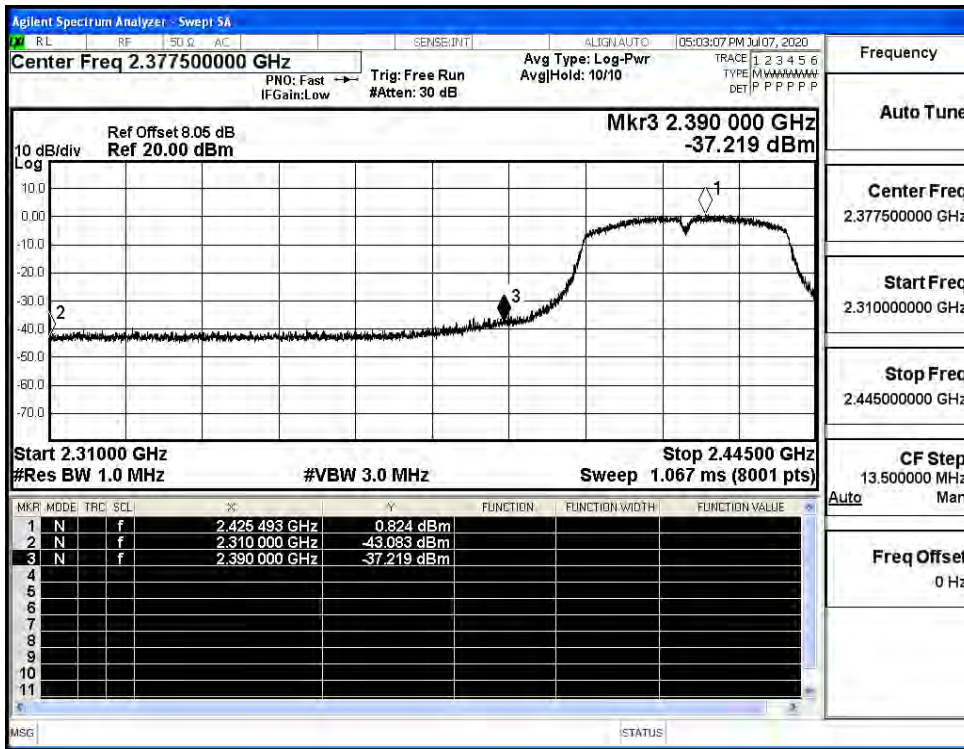
Restrict-band band-edge measurements_11N20SISO_2462_Ant_2_PEAK



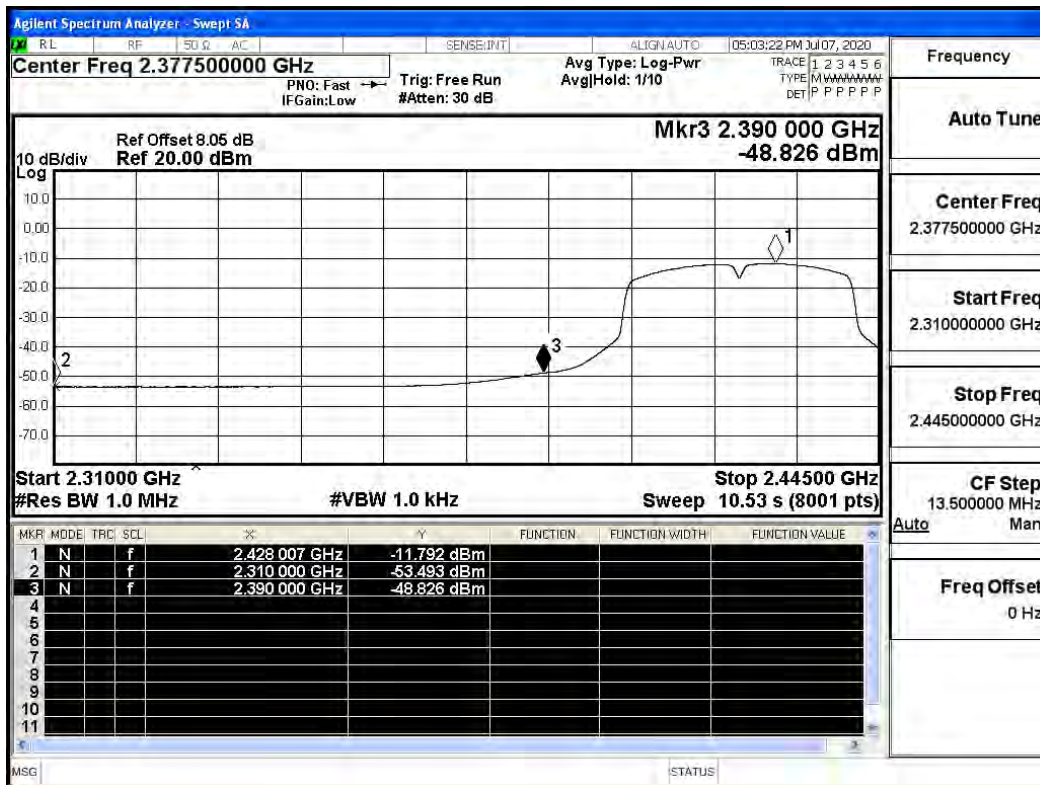
Restrict-band band-edge measurements_11N20SISO_2462_Ant_2_AV



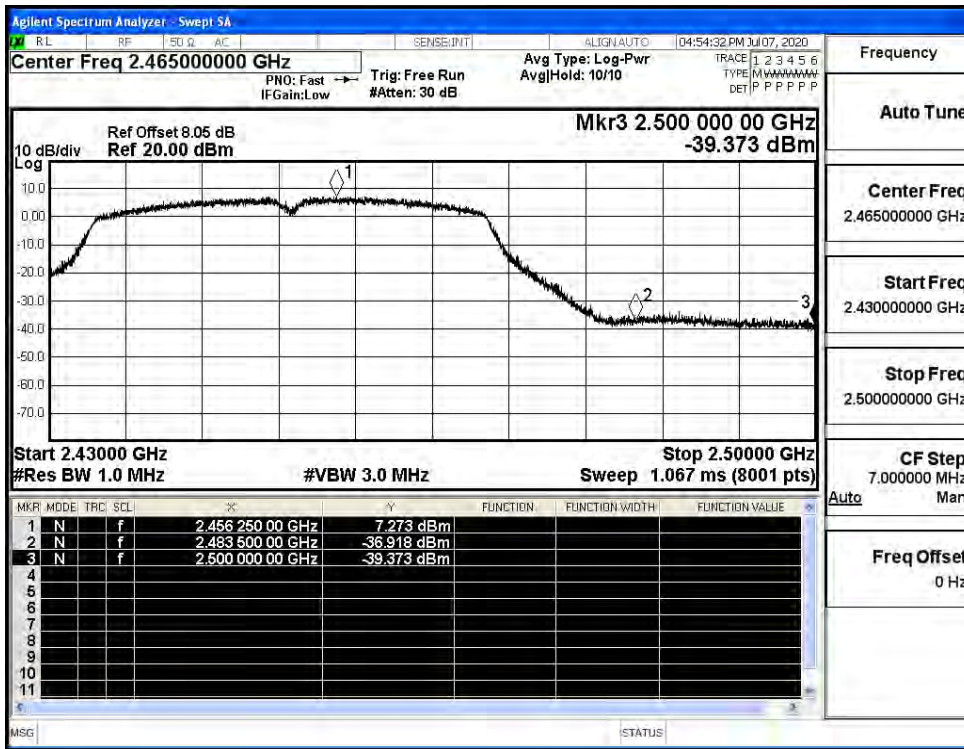
Restrict-band band-edge measurements_11N40SISO_2422_Ant_2_PEAK



Restrict-band band-edge measurements_11N40SISO_2422_Ant_2_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant_2_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant_2_AV

