

Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Smart Dimmer

Trade Mark: N/A

Test Model: IL-120V-120W

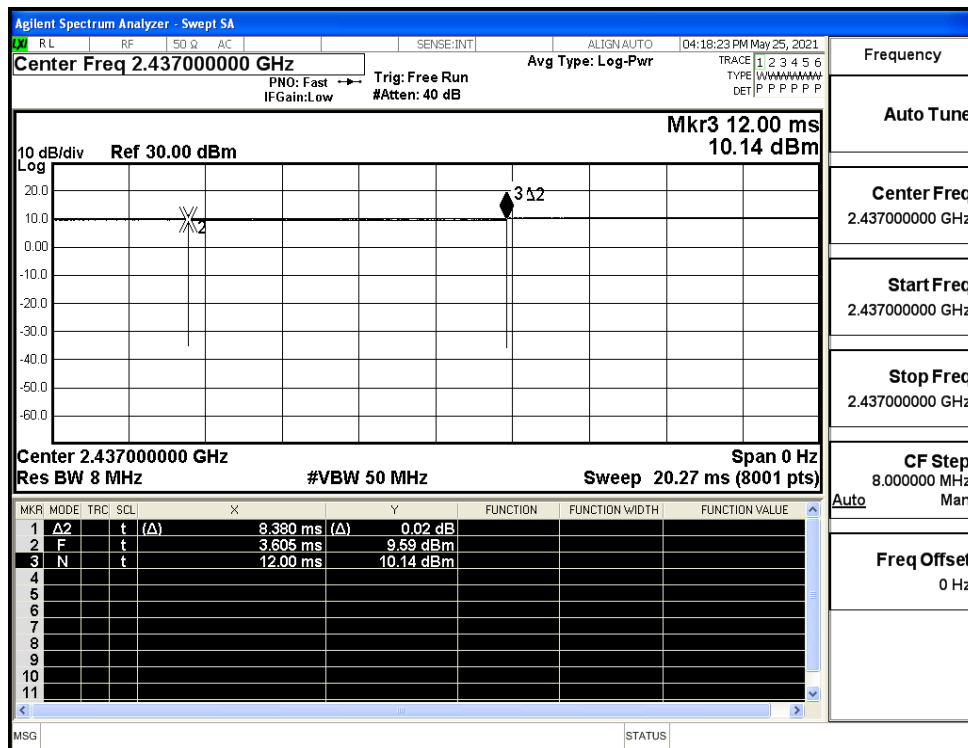
Environmental Conditions

Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan

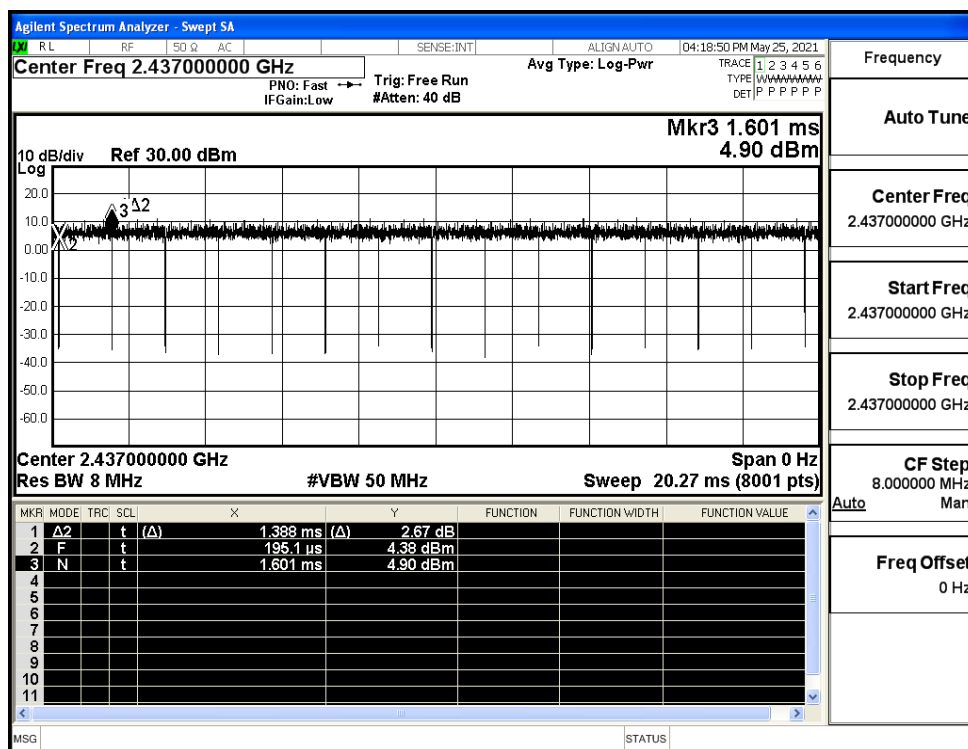
B.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	99.79	PASS
11G	2437	Ant1	98.74	PASS
11N20SISO	2437	Ant1	98.46	PASS
11N40SISO	2437	Ant1	98.07	PASS

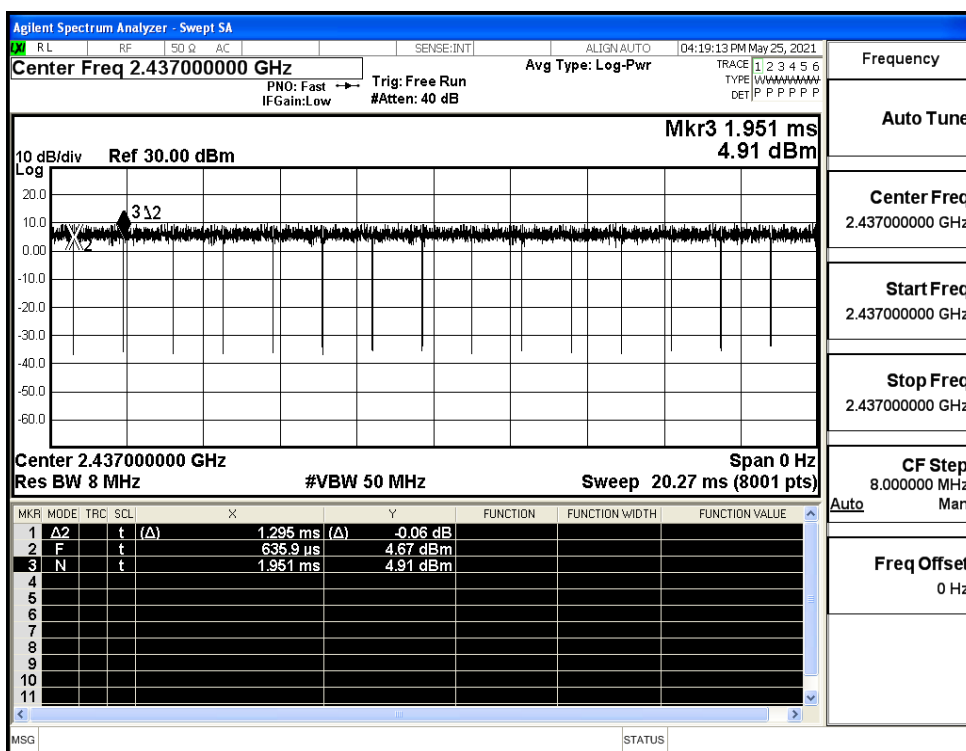
Duty Cycle_11B_2437_Ant1



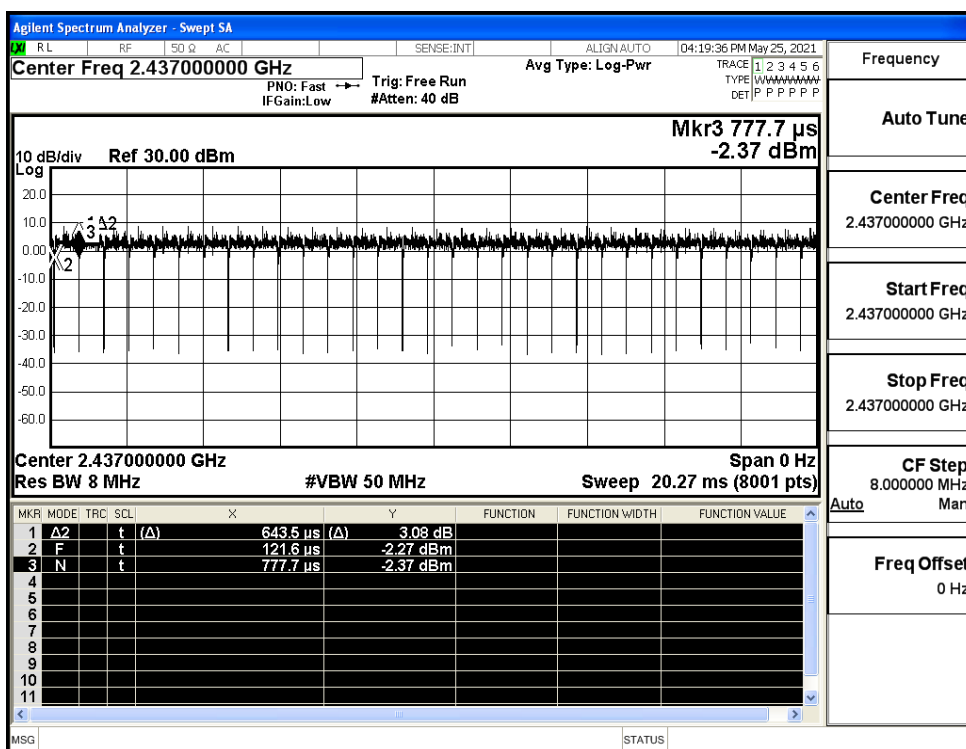
Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1

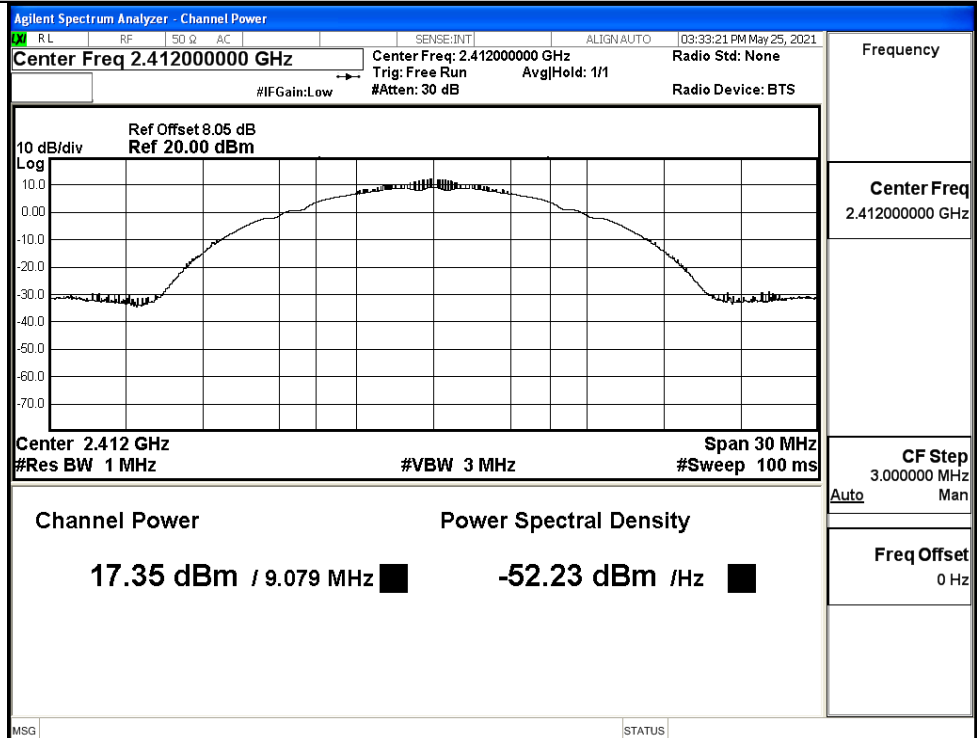


B.2 Maximum Conducted Output Power

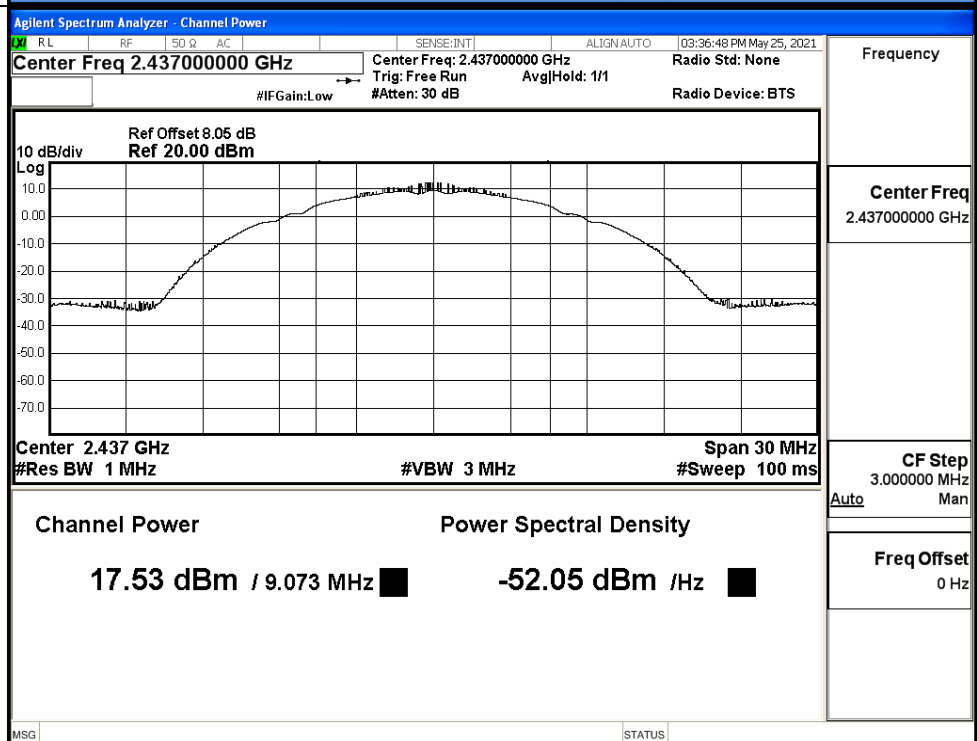
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	17.35	30	PASS
	MCH	17.53	30	PASS
	HCH	17.45	30	PASS
11G	LCH	17.89	30	PASS
	MCH	17.72	30	PASS
	HCH	16.56	30	PASS
11N20SISO	LCH	17.38	30	PASS
	MCH	17.28	30	PASS
	HCH	17.38	30	PASS
11N40SISO	LCH	17.56	30	PASS
	MCH	17.31	30	PASS
	HCH	16.79	30	PASS

Test Graphs

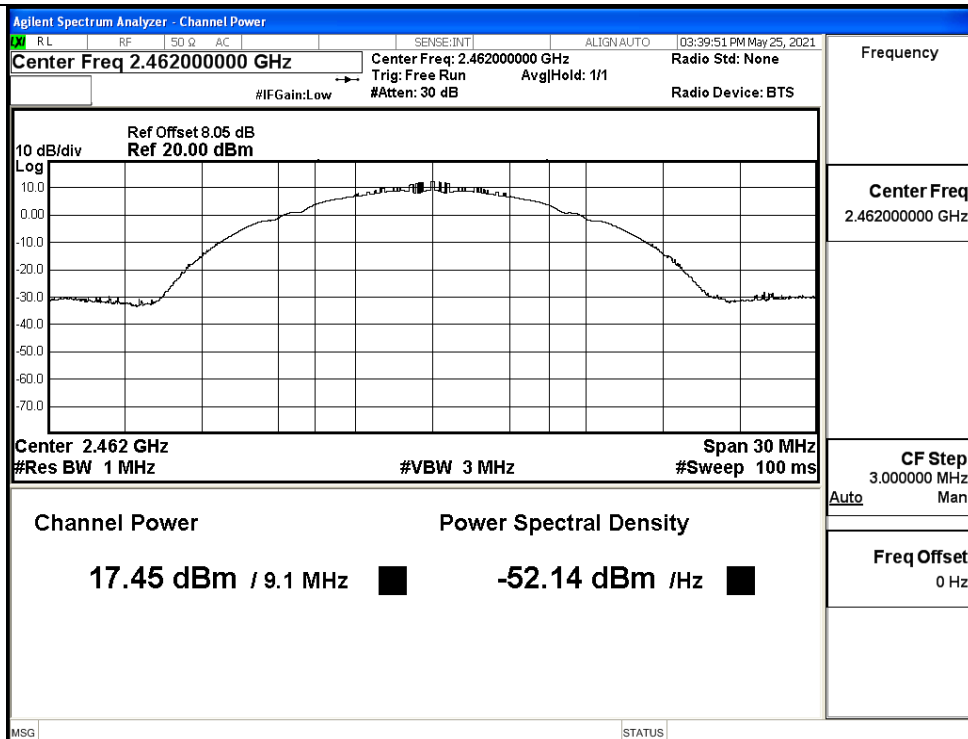
11B/LCH



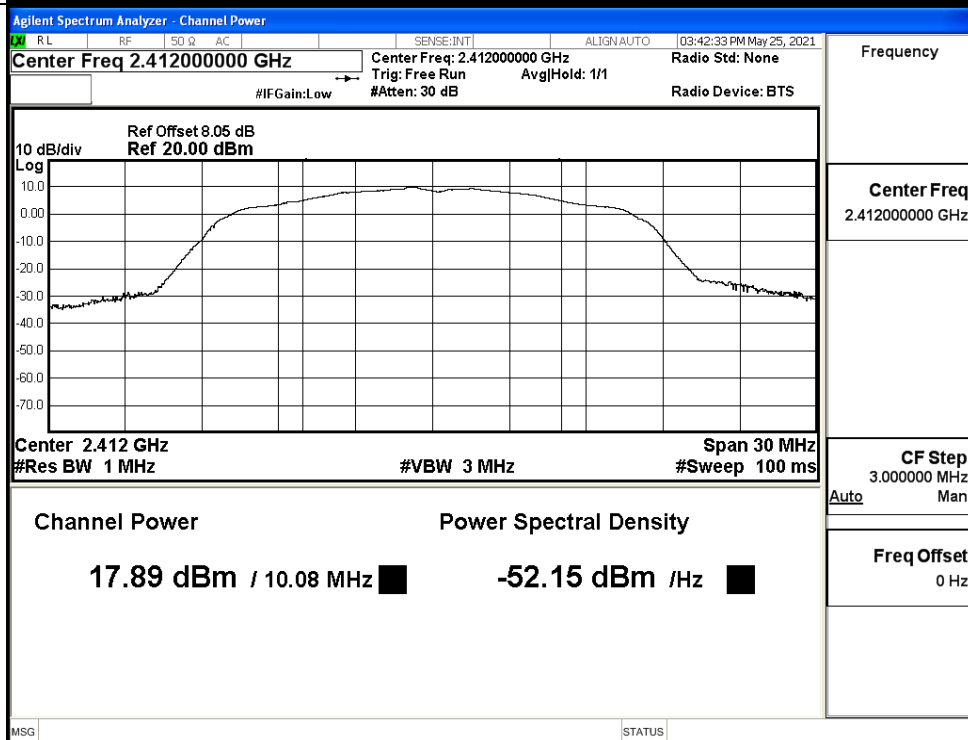
11B/MCH



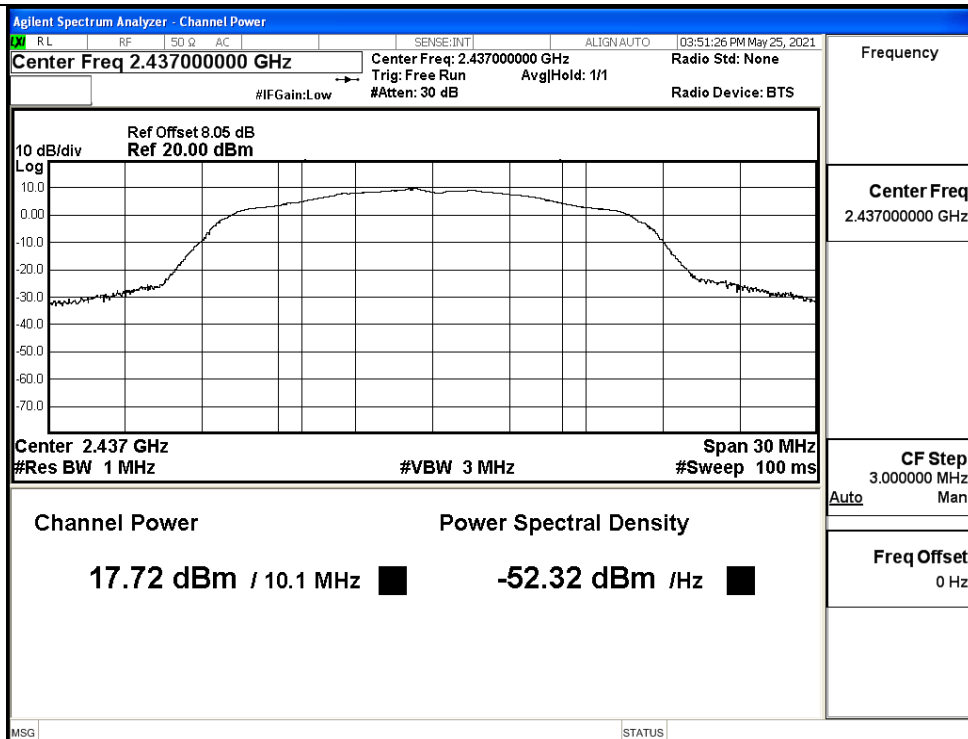
11B/HCH



11G/LCH



11G/MCH



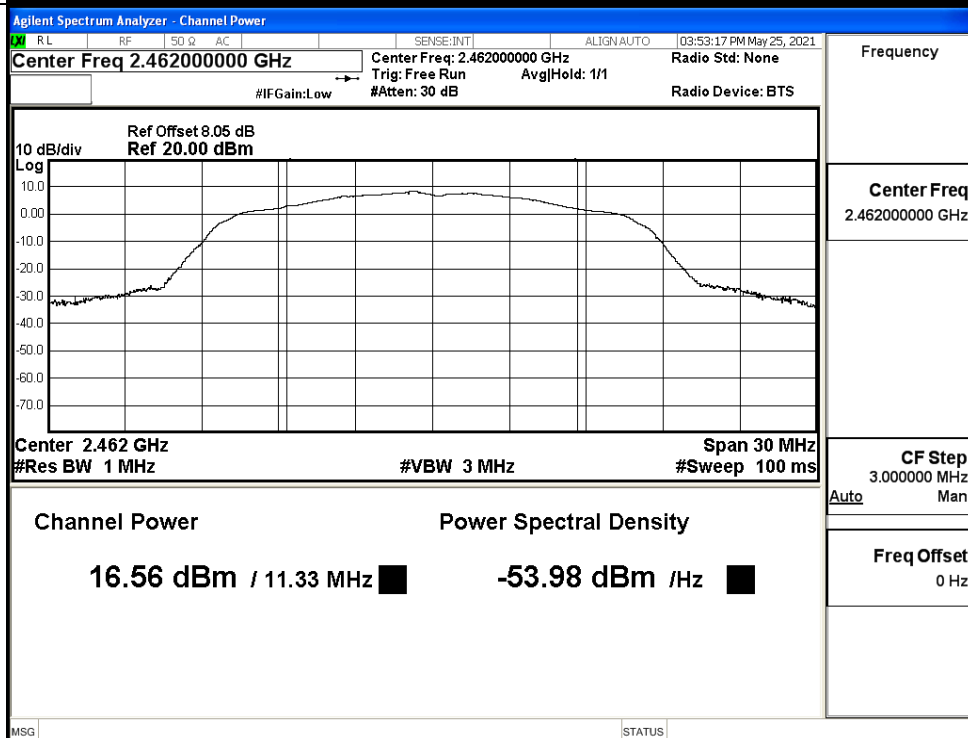
Frequency

Center Freq
2.437000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11G/HCH

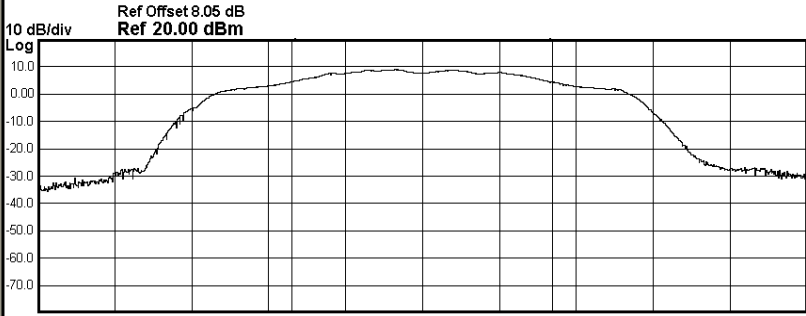
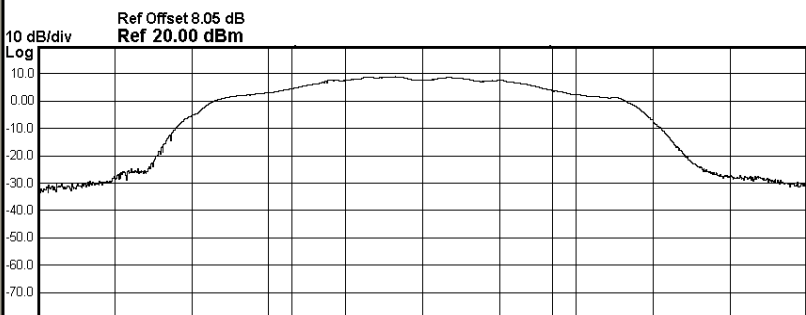


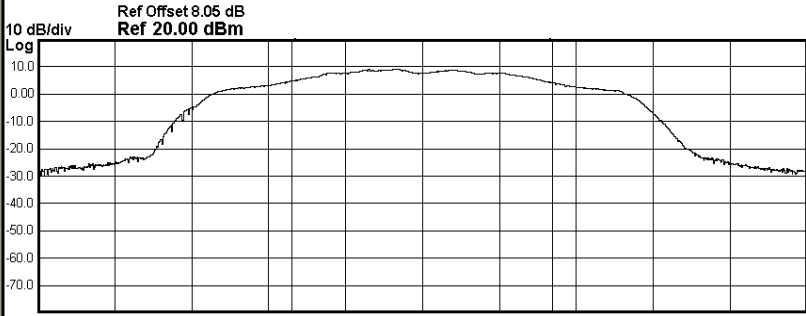
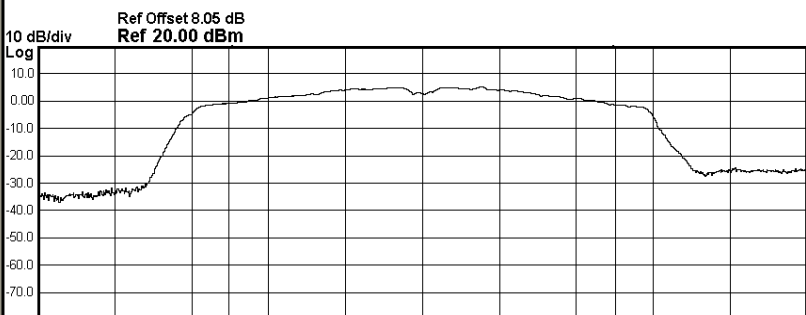
Frequency

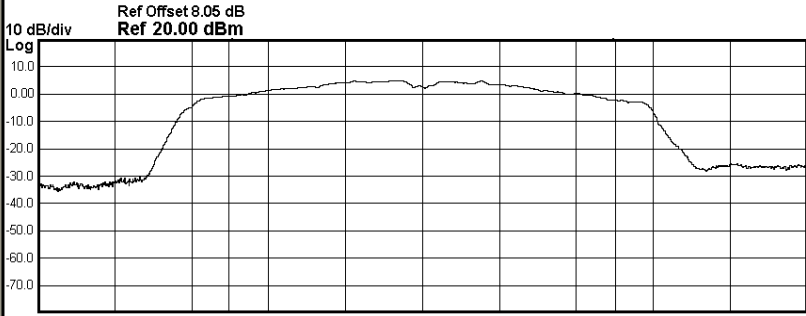
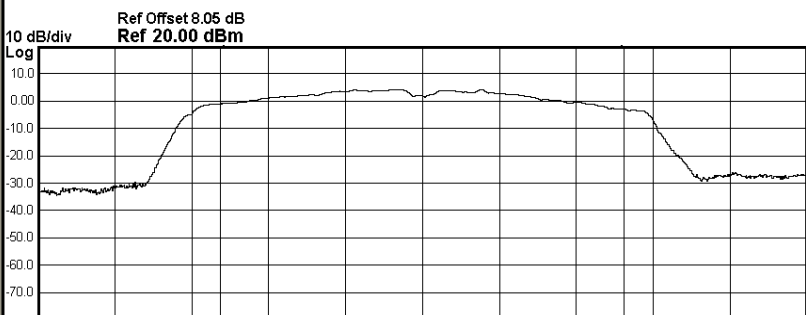
Center Freq
2.462000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/LCH	Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC SENSE:INT ALIGN AUTO 03:57:31 PM May 25, 2021 Center Freq 2.412000000 GHz Center Freq: 2.412000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm 10 dB/div Log  Center 2.412 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms Channel Power Power Spectral Density 17.38 dBm / 10.1 MHz -52.66 dBm /Hz MSG STATUS Frequency Center Freq 2.412000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11N20SISO/MCH	Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:02:28 PM May 25, 2021 Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm 10 dB/div Log  Center 2.437 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms Channel Power Power Spectral Density 17.28 dBm / 10.11 MHz -52.77 dBm /Hz MSG STATUS Frequency Center Freq 2.437000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

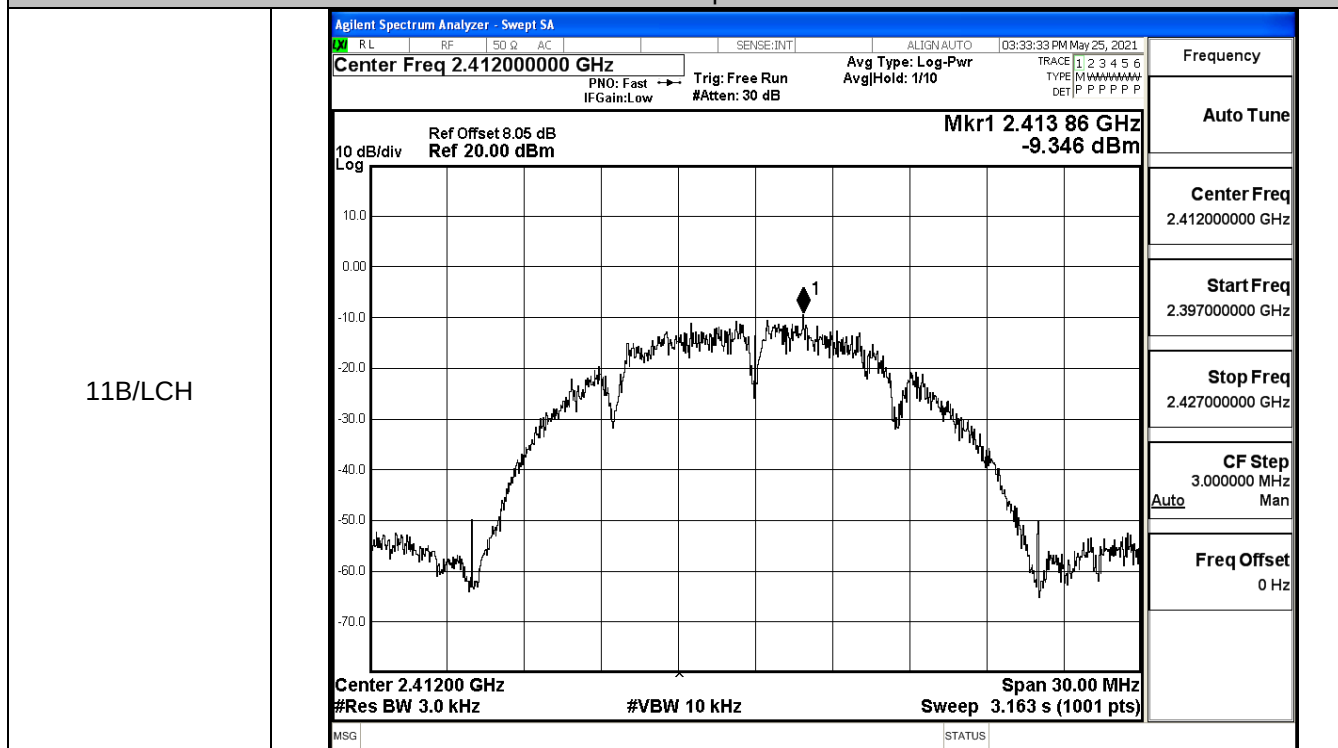
11N20SISO/HCH	Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:06:18 PM May 25, 2021 Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Radio Std: None #IFGain:Low #Atten: 30 dB Avg Hold: 1/1 Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm  Center 2.462 GHz Span 30 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms Channel Power Power Spectral Density 17.38 dBm / 10.11 MHz -52.66 dBm /Hz MSG STATUS Frequency Center Freq 2.462000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/LCH	Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:10:19 PM May 25, 2021 Center Freq 2.422000000 GHz Center Freq: 2.422000000 GHz Radio Std: None #IFGain:Low #Atten: 30 dB Avg Hold: 1/1 Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm  Center 2.422 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms Channel Power Power Spectral Density 17.56 dBm / 30.01 MHz -57.21 dBm /Hz MSG STATUS Frequency Center Freq 2.422000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz

11N40SISO/MCH	Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:12:57 PM May 25, 2021 Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm  Center 2.437 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms Channel Power Power Spectral Density 17.31 dBm / 30.08 MHz -57.48 dBm /Hz MSG STATUS
11N40SISO/HCH	Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:15:34 PM May 25, 2021 Center Freq 2.452000000 GHz Center Freq: 2.452000000 GHz Radio Std: None Trig: Free Run Avg Hold: 1/1 #IFGain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 8.05 dB Ref 20.00 dBm  Center 2.452 GHz Span 60 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 100 ms Channel Power Power Spectral Density 16.79 dBm / 31.34 MHz -58.17 dBm /Hz MSG STATUS

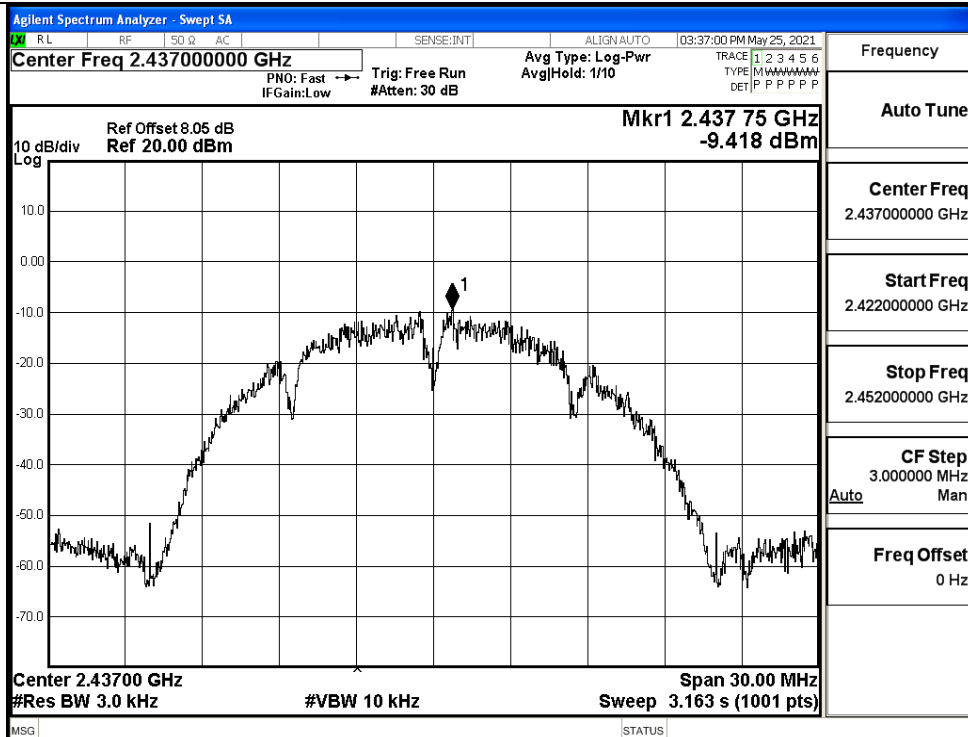
B.3 Maximum Power Spectral Density

Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-9.346	8	PASS
	MCH	-9.418	8	PASS
	HCH	-9.736	8	PASS
11G	LCH	-14.651	8	PASS
	MCH	-13.829	8	PASS
	HCH	-15.630	8	PASS
11N20SISO	LCH	-13.551	8	PASS
	MCH	-14.791	8	PASS
	HCH	-14.820	8	PASS
11N40SISO	LCH	-15.816	8	PASS
	MCH	-16.329	8	PASS
	HCH	-17.479	8	PASS

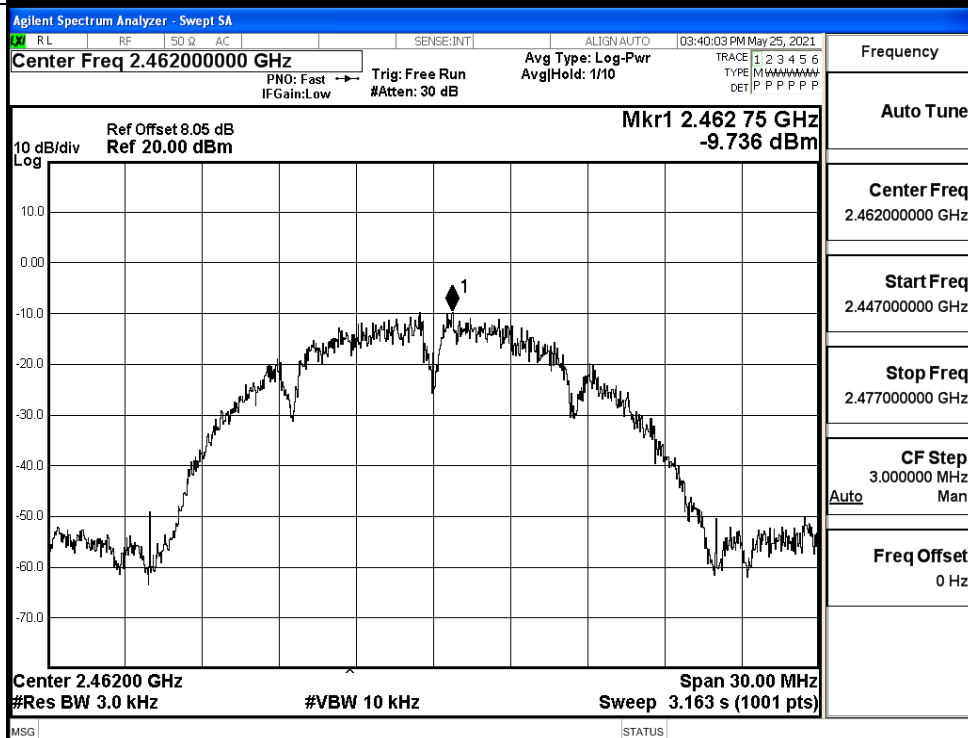
Test Graphs



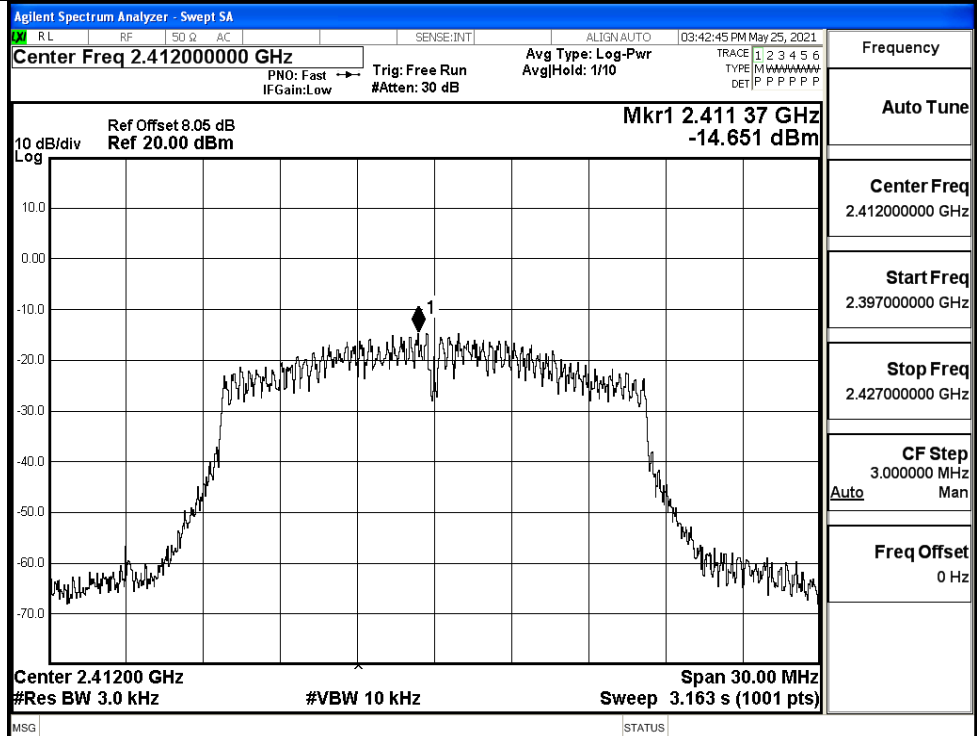
11B/MCH



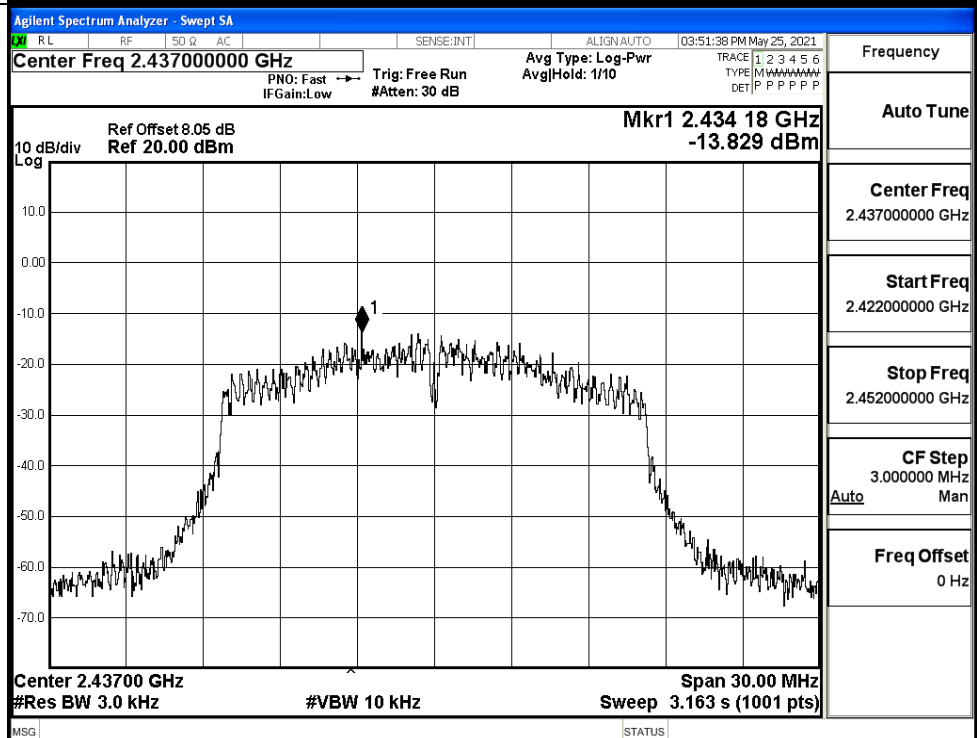
11B/HCH



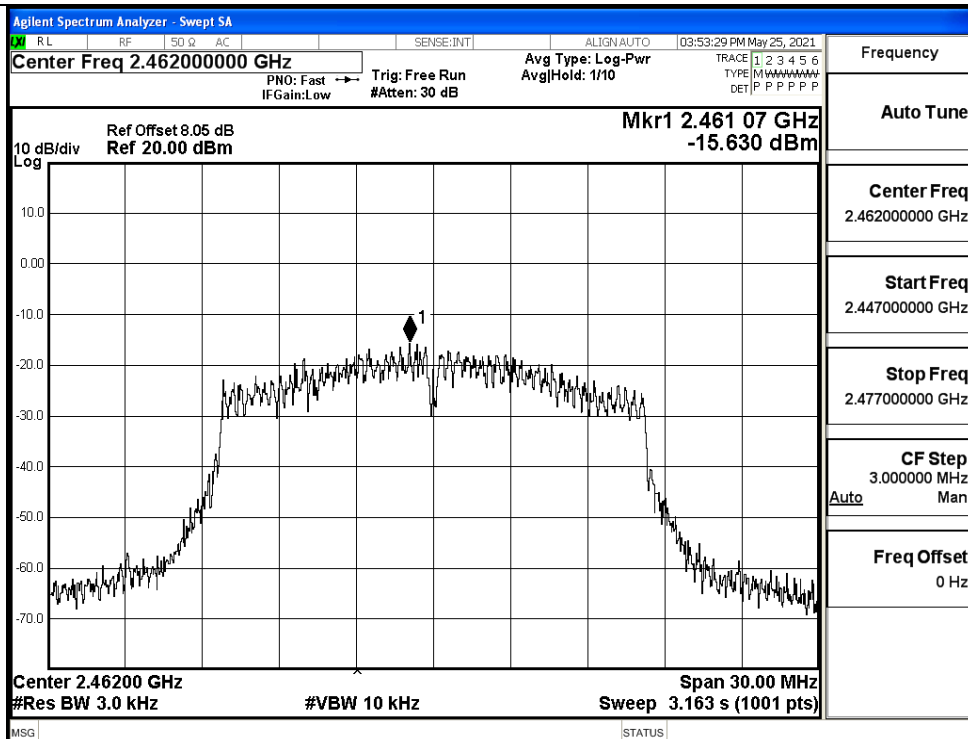
11G/LCH



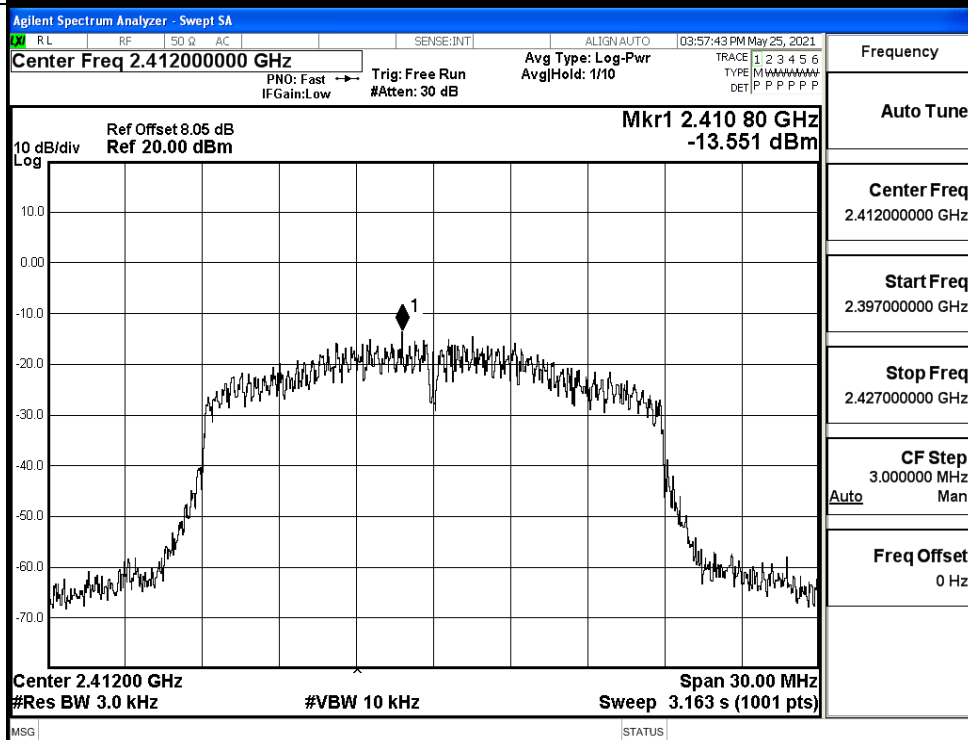
11G/MCH

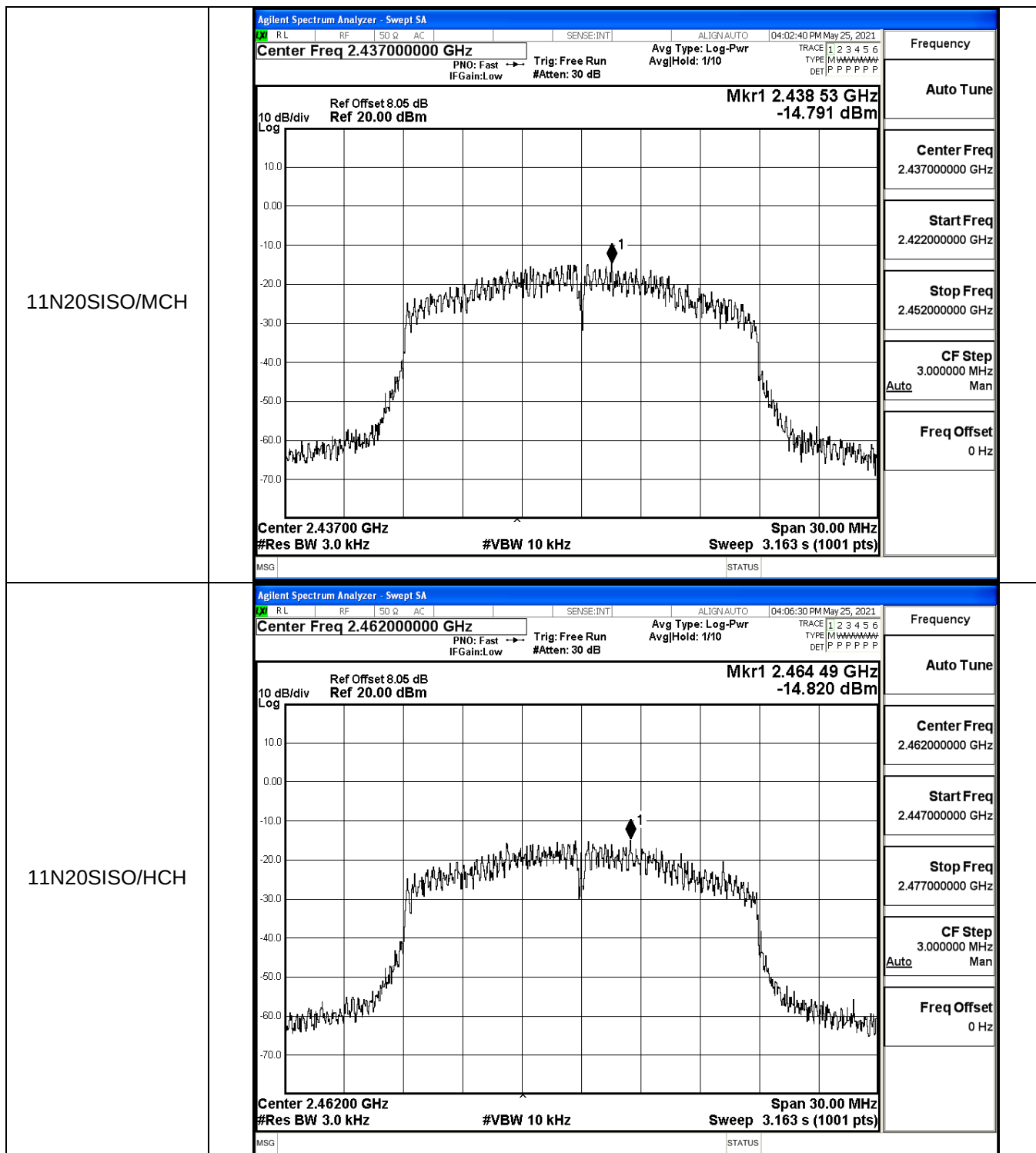


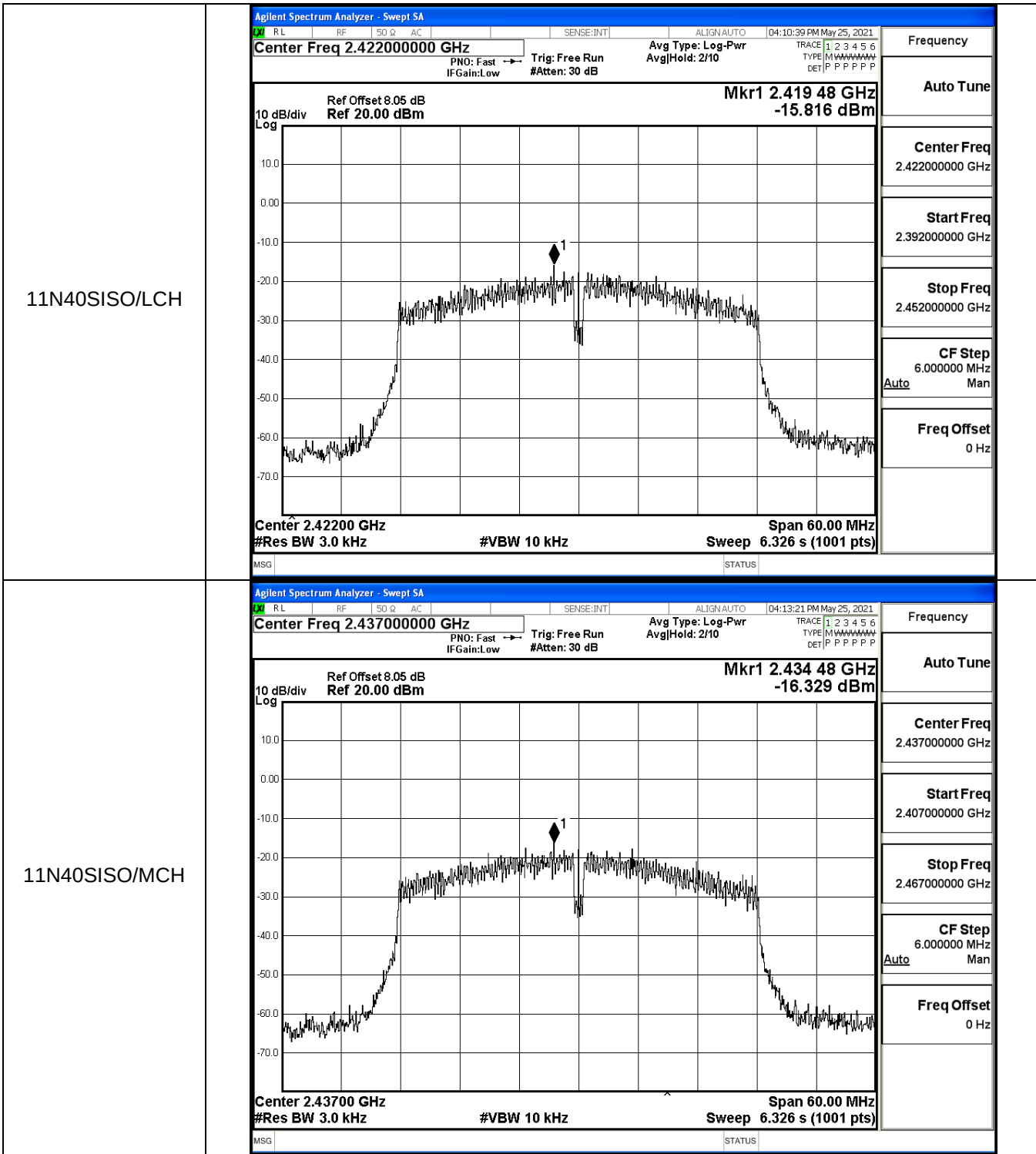
11G/HCH

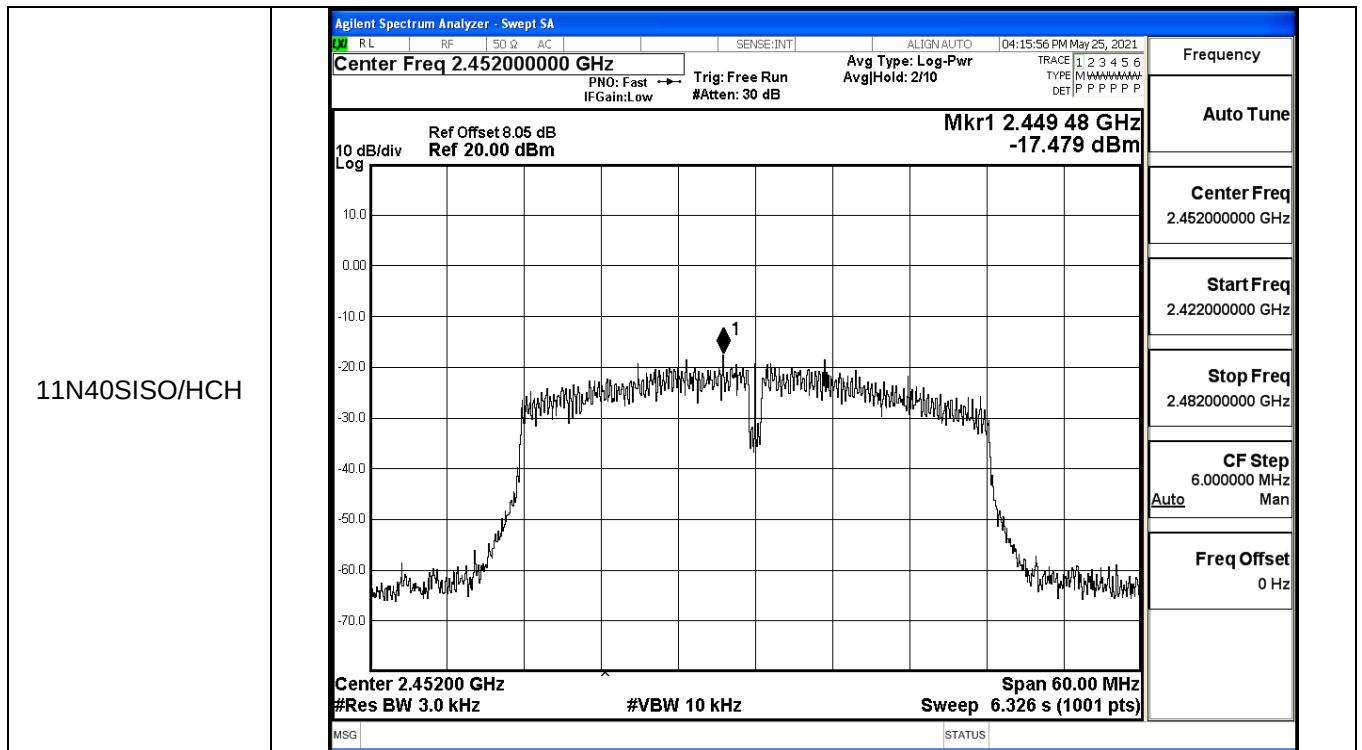


11N20SISO/LCH





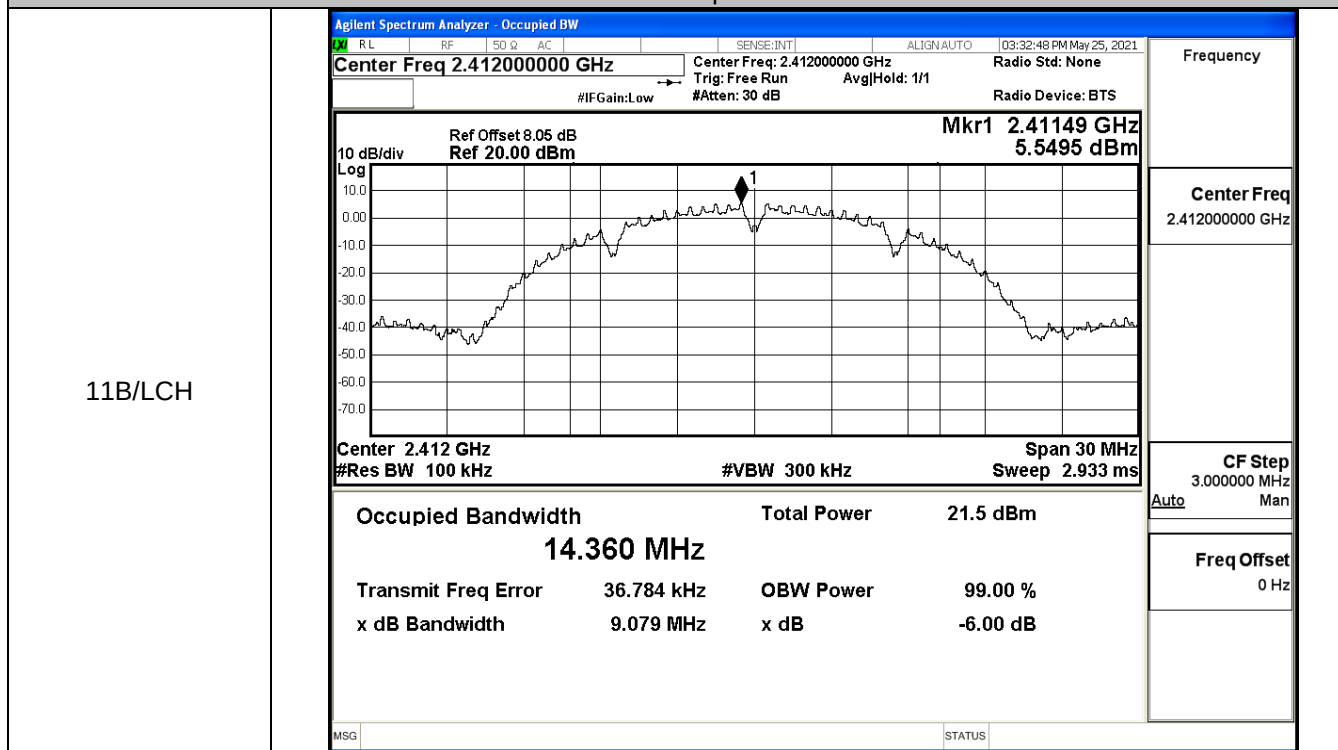




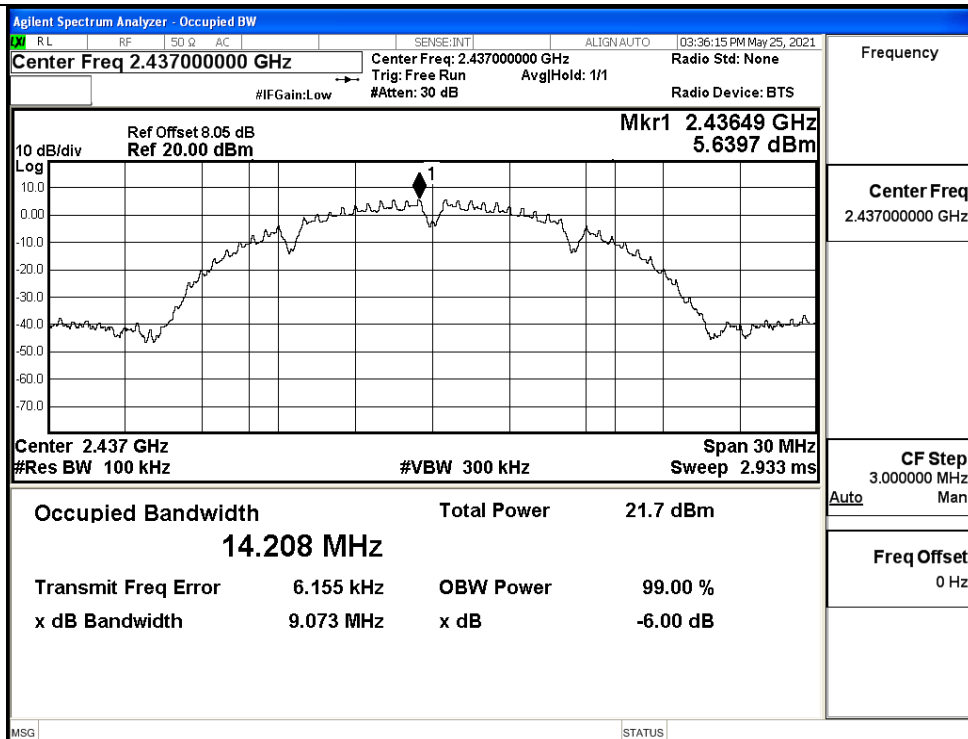
B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.079	≥ 0.5	PASS
	MCH	9.073	≥ 0.5	PASS
	HCH	9.100	≥ 0.5	PASS
11G	LCH	10.08	≥ 0.5	PASS
	MCH	10.10	≥ 0.5	PASS
	HCH	11.33	≥ 0.5	PASS
11N20SISO	LCH	10.10	≥ 0.5	PASS
	MCH	10.11	≥ 0.5	PASS
	HCH	10.11	≥ 0.5	PASS
11N40SISO	LCH	30.01	≥ 0.5	PASS
	MCH	30.08	≥ 0.5	PASS
	HCH	31.34	≥ 0.5	PASS

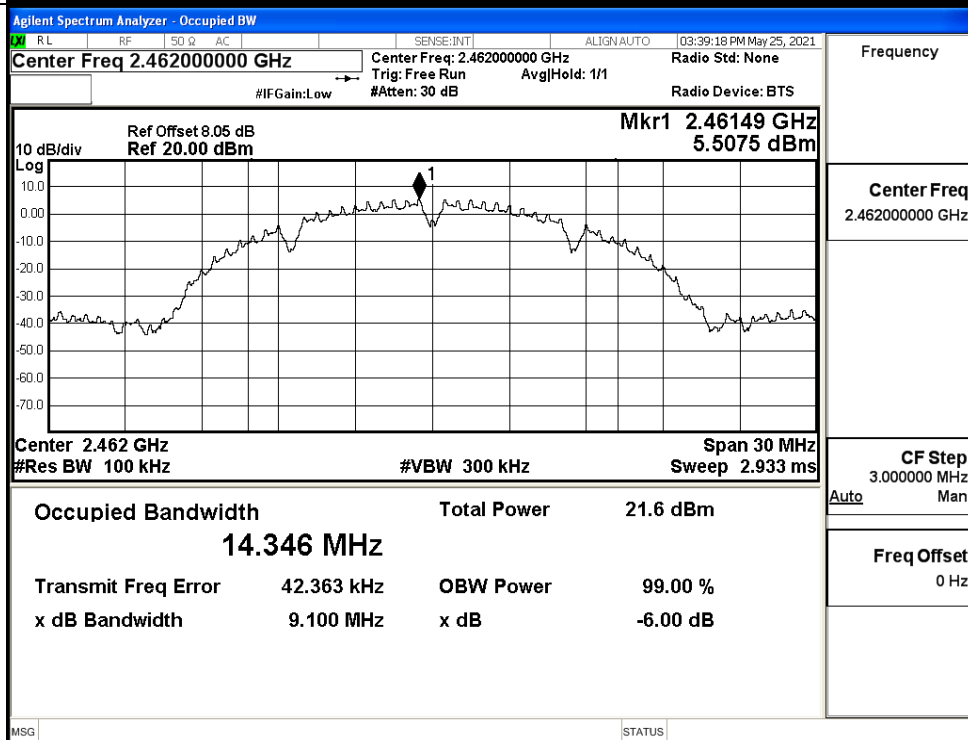
Test Graphs



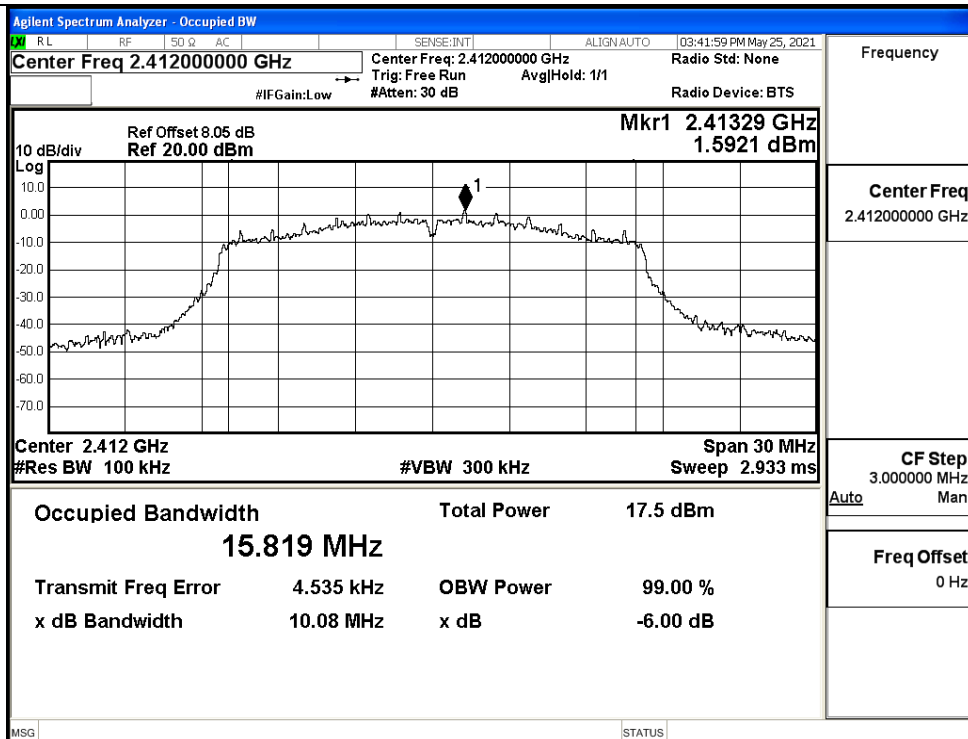
11B/MCH



11B/HCH



11G/LCH



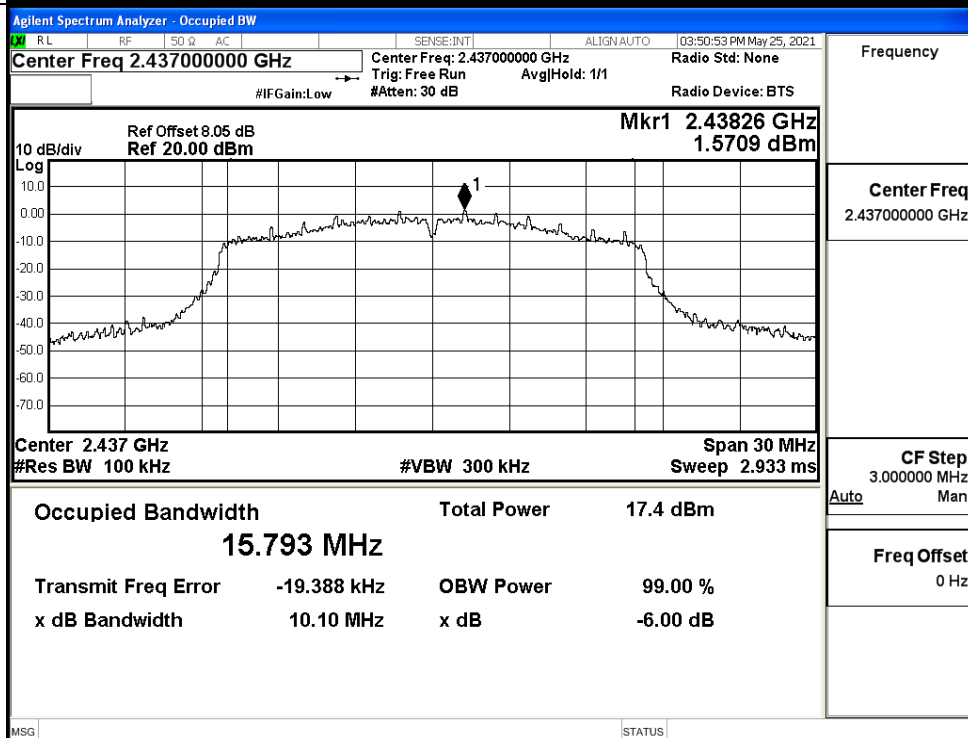
Frequency

Center Freq
2.41200000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11G/MCH



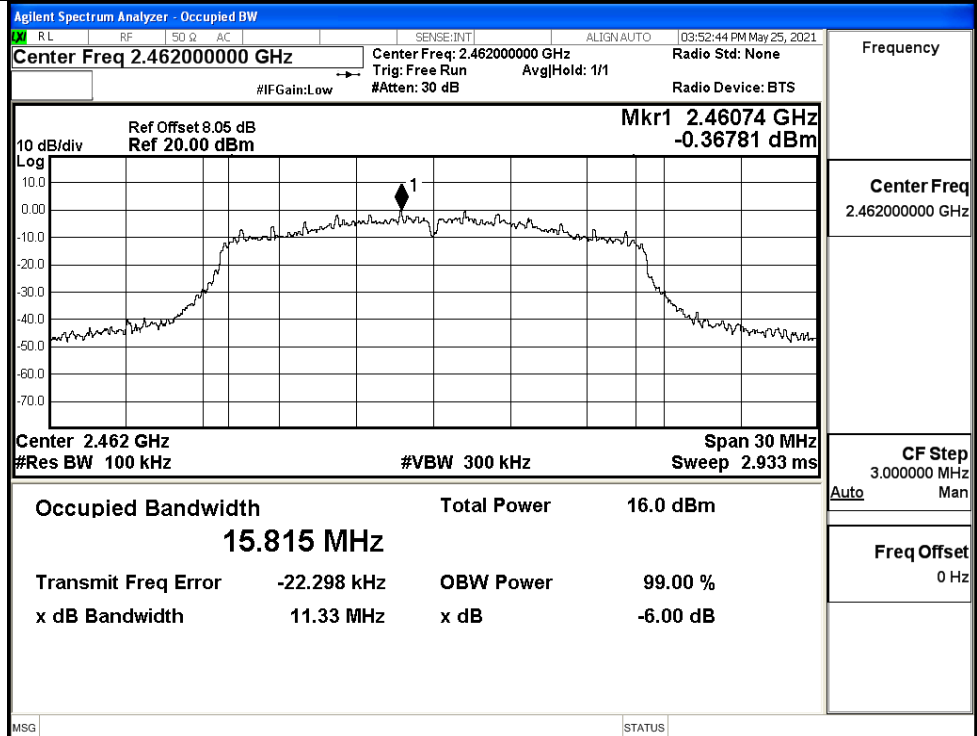
Frequency

Center Freq
2.43700000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11G/HCH



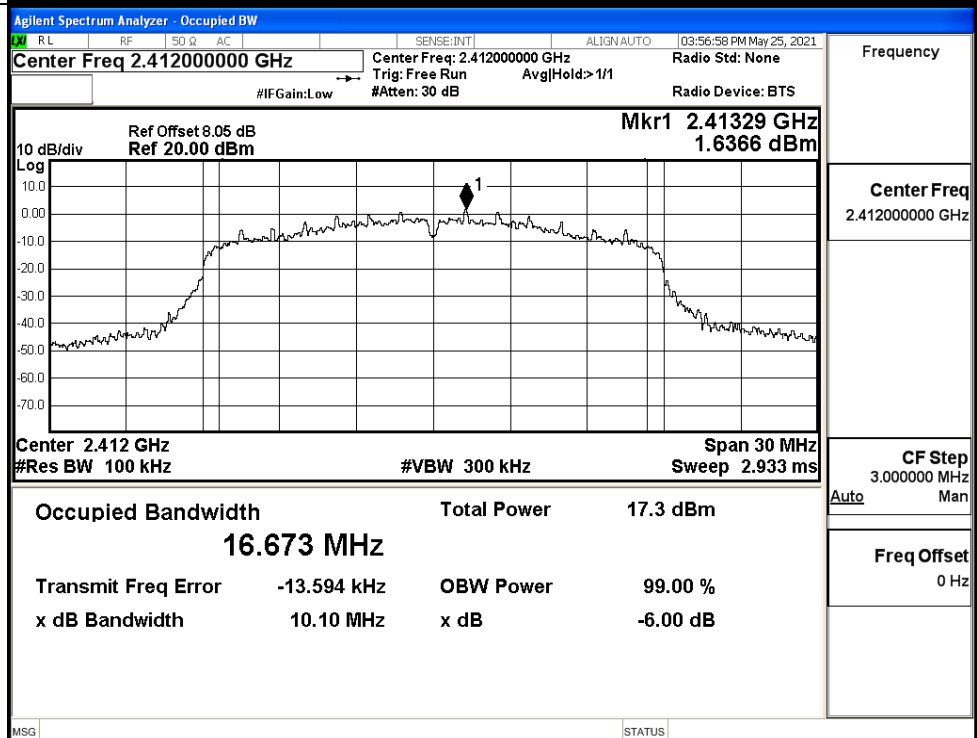
Frequency

Center Freq
2.462000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/LCH



Frequency

Center Freq
2.412000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/MCH

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.437000000 GHz

Trig: Free Run Avg/Hold: 1/1

#IF Gain: Low #Attenu: 30 dB

Radio Device: BTS

Ref Offset 8.05 dB Ref 20.00 dBm

Mkr1 2.43829 GHz 1.4300 dBm

10 dB/div Log

Center 2.437 GHz Span 30 MHz

#Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms

Occupied Bandwidth	Total Power	17.2 dBm	
16.630 MHz			
Transmit Freq Error	-46.778 kHz	OBW Power	99.00 %
x dB Bandwidth	10.11 MHz	x dB	-6.00 dB

MSG STATUS

Frequency

Center Freq
2.437000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/HCH

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.462000000 GHz

Trig: Free Run Avg/Hold: >1/1

#IF Gain: Low #Attenu: 30 dB

Radio Device: BTS

Ref Offset 8.05 dB Ref 20.00 dBm

Mkr1 2.46329 GHz 1.5848 dBm

10 dB/div Log

Center 2.462 GHz Span 30 MHz

#Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms

Occupied Bandwidth	Total Power	17.3 dBm	
16.676 MHz			
Transmit Freq Error	-50.996 kHz	OBW Power	99.00 %
x dB Bandwidth	10.11 MHz	x dB	-6.00 dB

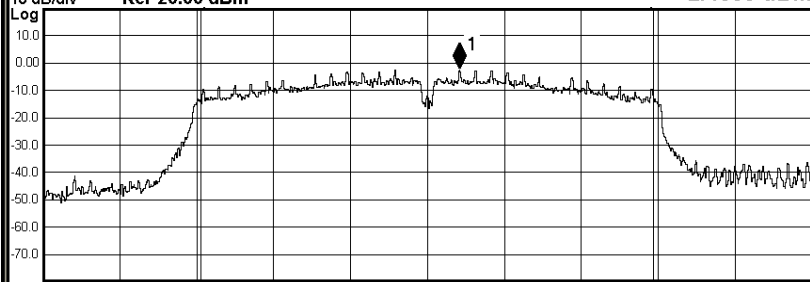
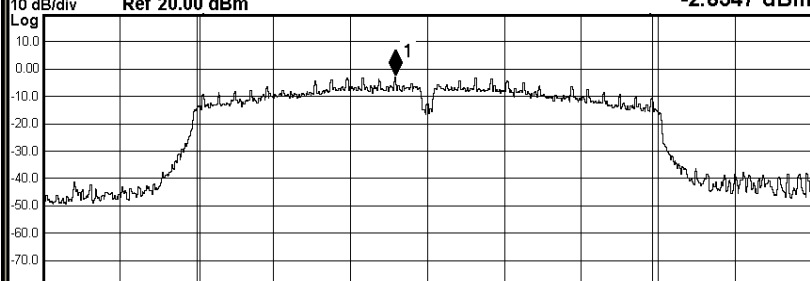
MSG STATUS

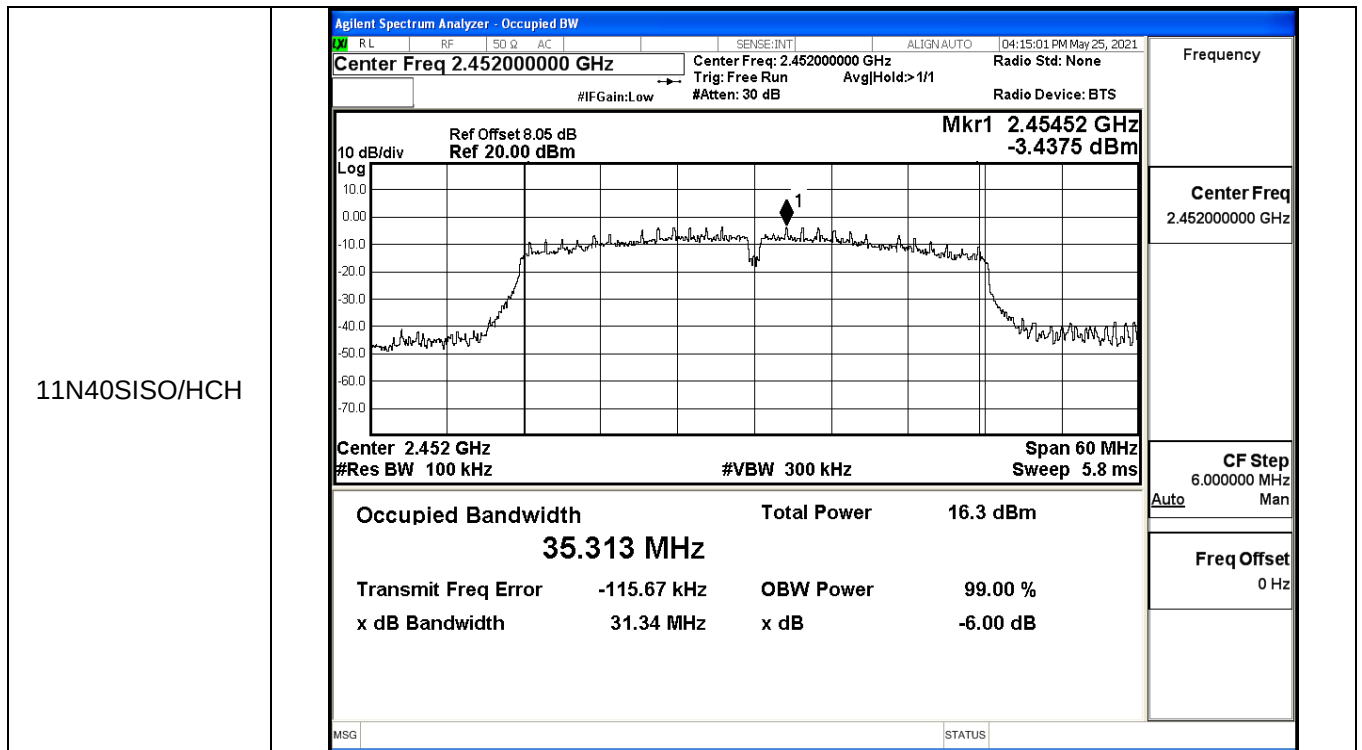
Frequency

Center Freq
2.462000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N40SISO/LCH	Agilent Spectrum Analyzer - Occupied BW RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:09:46 PM May 25, 2021 Center Freq 2.422000000 GHz Center Freq: 2.422000000 GHz Trig: Free Run Avg Hold: 1/1 Radio Std: None #IFGain:Low #Atten: 30 dB Radio Device: BTS 10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.42452 GHz -2.4008 dBm  Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 5.8 ms Occupied Bandwidth 35.212 MHz Total Power 17.1 dBm Transmit Freq Error -23.983 kHz OBW Power 99.00 % x dB Bandwidth 30.01 MHz x dB -6.00 dB MSG STATUS	Frequency Center Freq 2.422000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz	
	11N40SISO/MCH	Agilent Spectrum Analyzer - Occupied BW RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:12:24 PM May 25, 2021 Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg Hold: 1/1 Radio Std: None #IFGain:Low #Atten: 30 dB Radio Device: BTS 10 dB/div Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.43448 GHz -2.8347 dBm  Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 5.8 ms Occupied Bandwidth 35.208 MHz Total Power 16.7 dBm Transmit Freq Error -68.869 kHz OBW Power 99.00 % x dB Bandwidth 30.08 MHz x dB -6.00 dB MSG STATUS	Frequency Center Freq 2.437000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz

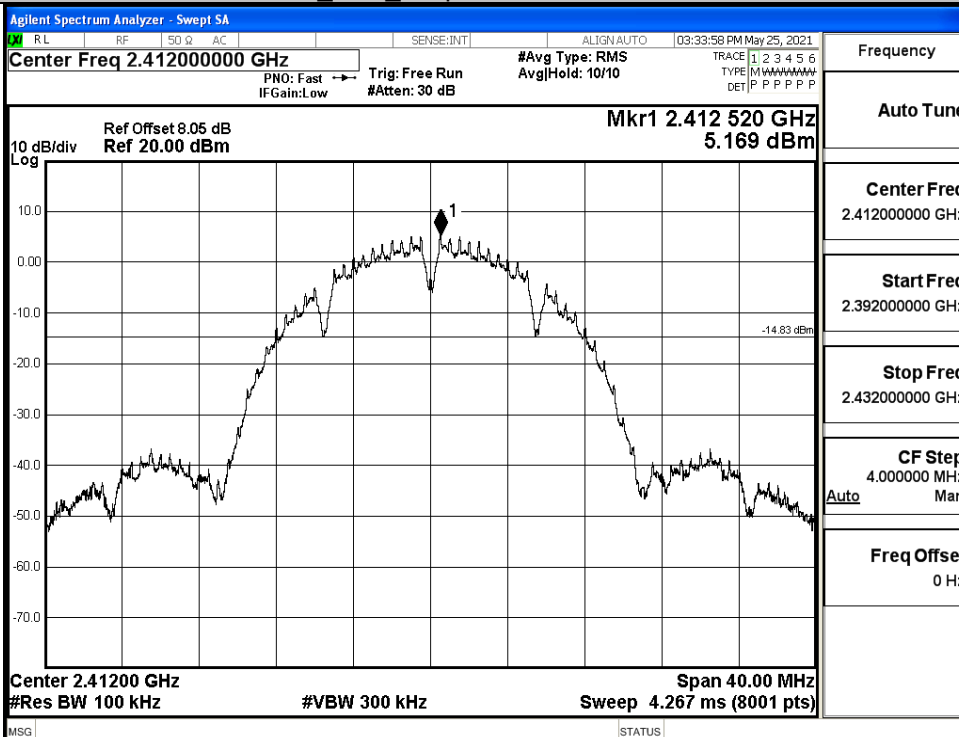


B.5 RF Conducted Spurious Emissions

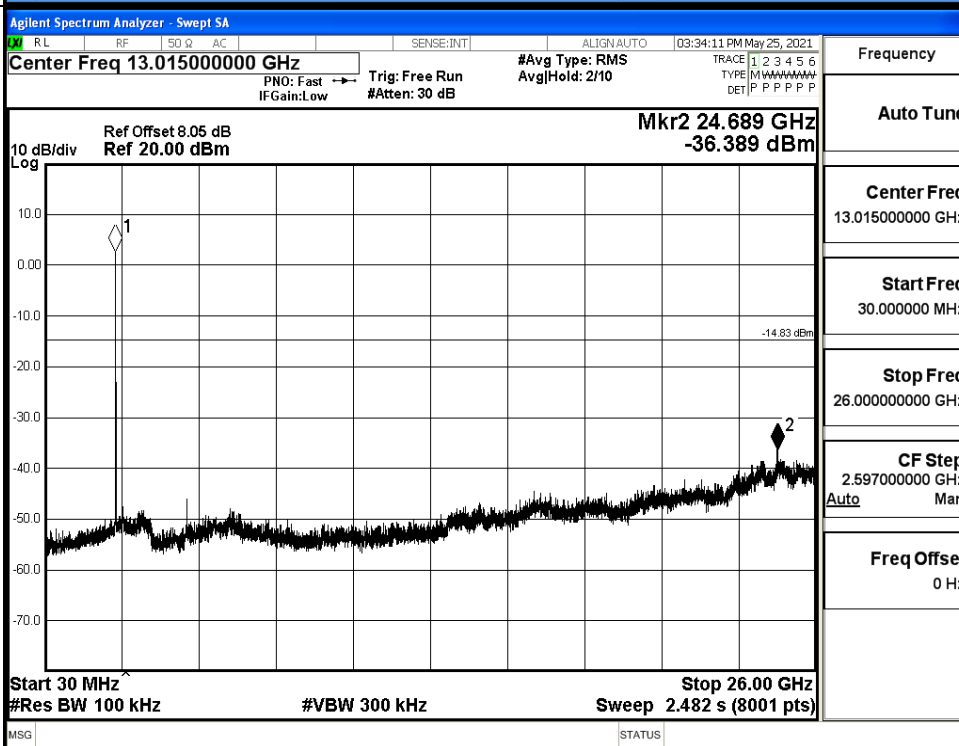
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.169	-36.389	-14.831	PASS
	MCH	5.637	-37.199	-14.363	PASS
	HCH	5.467	-37.572	-14.533	PASS
11G	LCH	1.365	-37.239	-18.635	PASS
	MCH	0.774	-38.589	-19.226	PASS
	HCH	-0.112	-38.147	-20.112	PASS
11N20 SISO	LCH	0.809	-36.385	-19.191	PASS
	MCH	1.418	-38.106	-18.582	PASS
	HCH	1.332	-37.622	-18.668	PASS
11N40 SISO	LCH	-2.623	-36.666	-22.623	PASS
	MCH	-2.921	-36.295	-22.921	PASS
	HCH	-3.852	-38.295	-23.852	PASS

11B LCH Graphs

Pref/11B/LCH

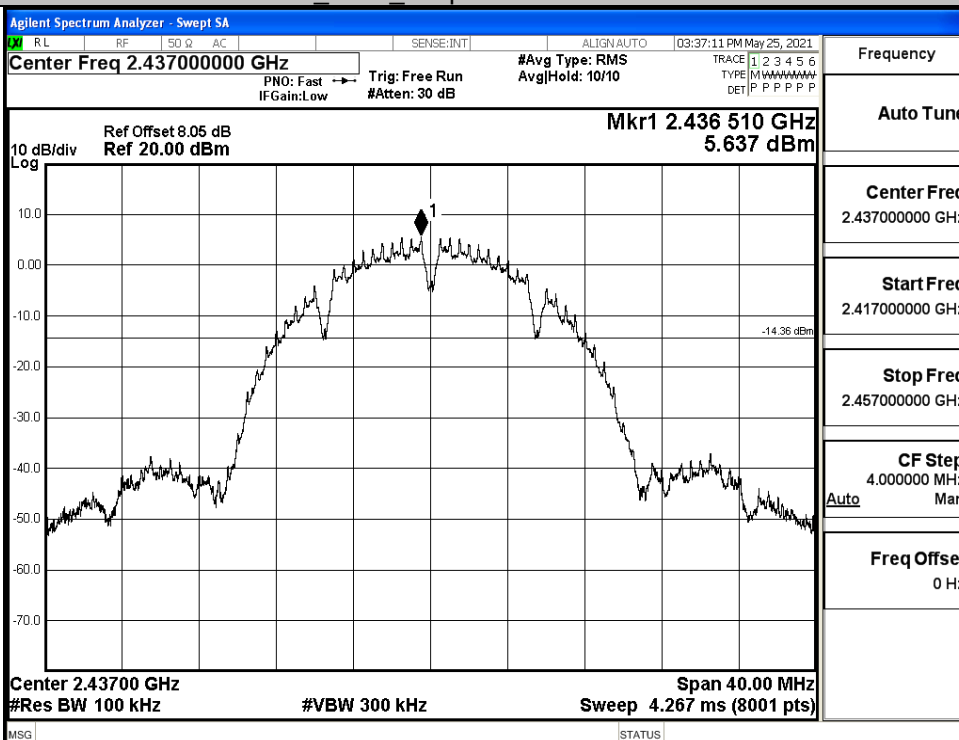


Puw/11B/LCH

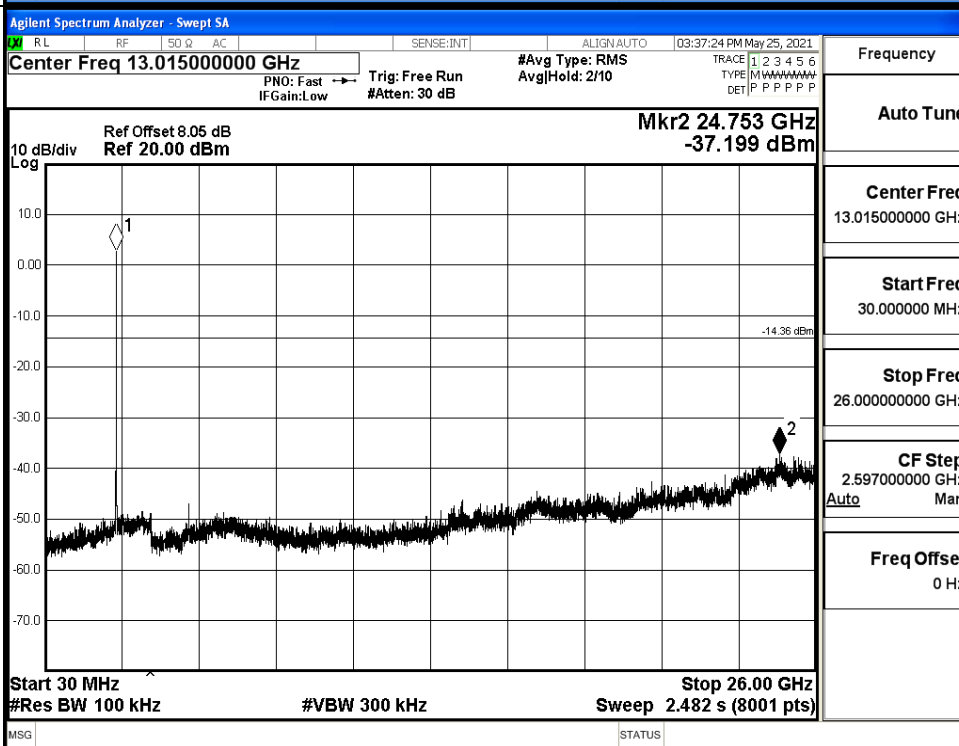


11B MCH Graphs

Pref/11B/MCH

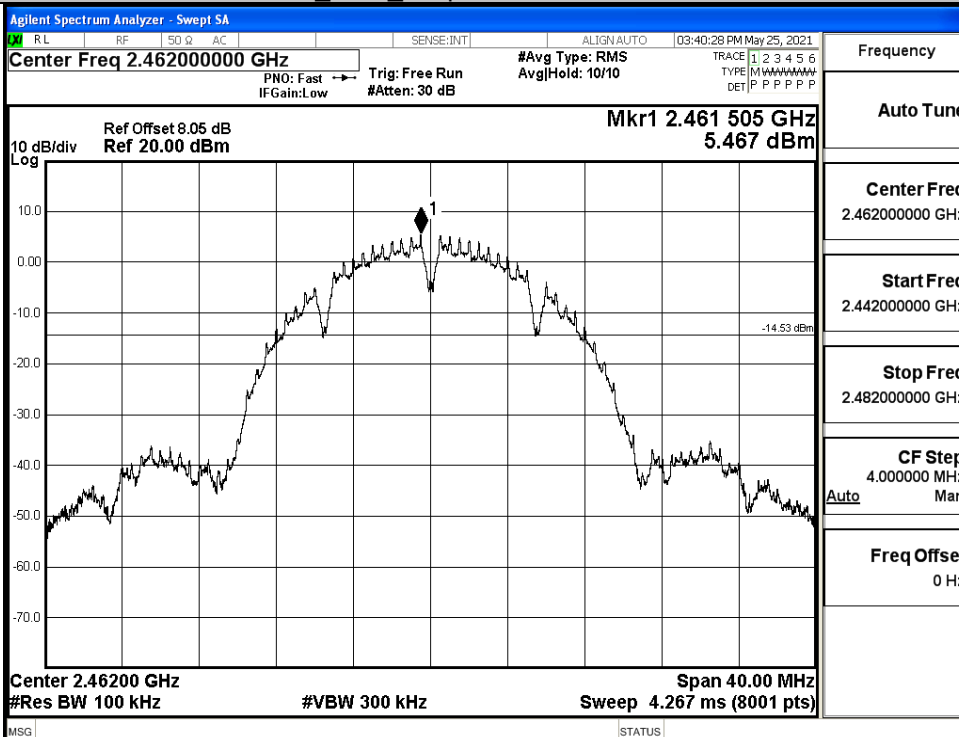


Puw/11B/MCH

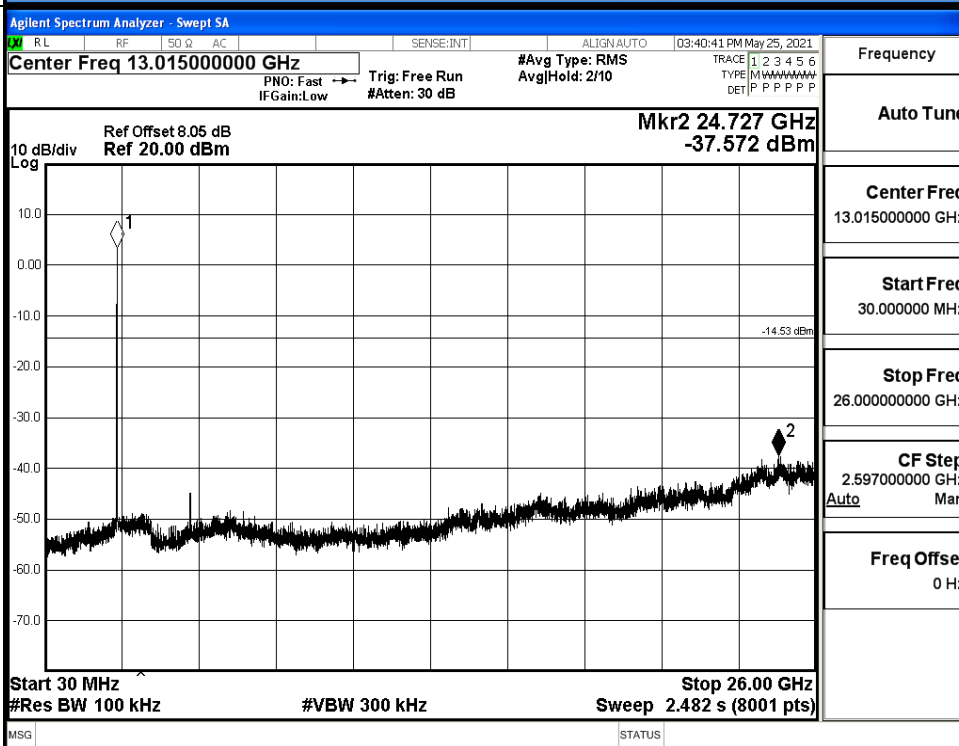


11B HCH Graphs

Pref/11B/HCH

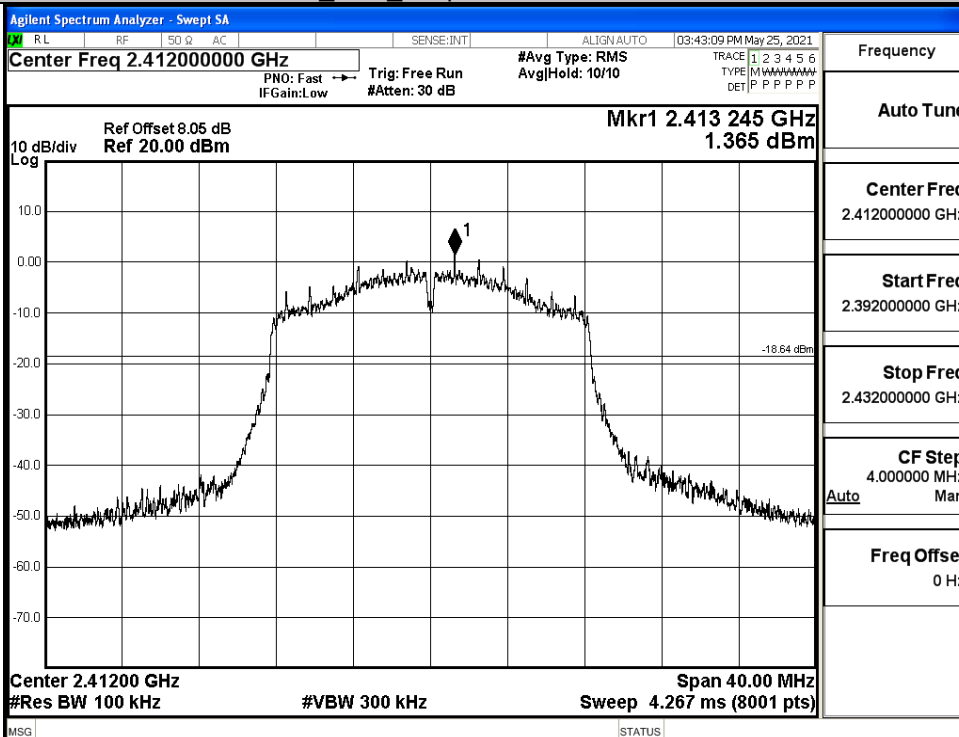


Puw/11B/HCH

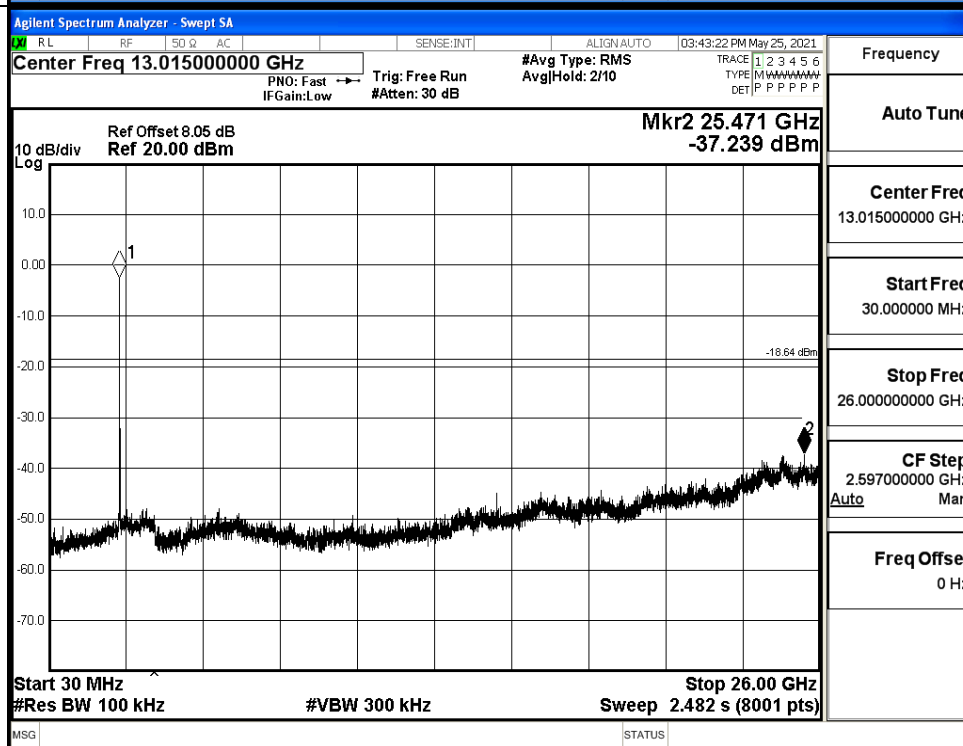


11G LCH Graphs

Pref/11G/LCH

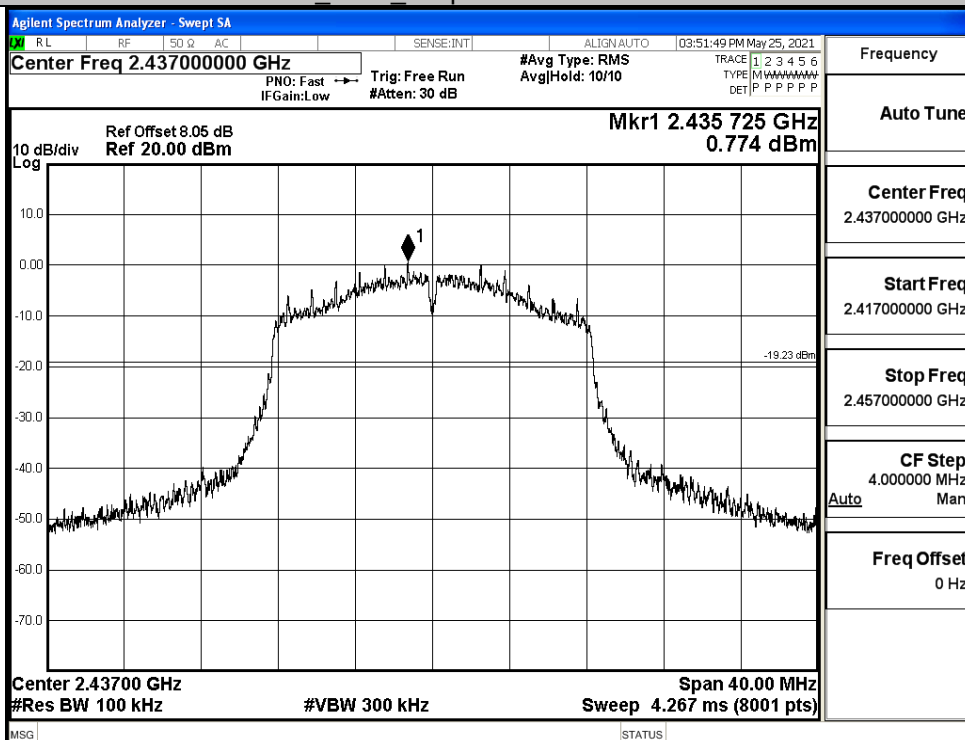


Puw/11G/LCH

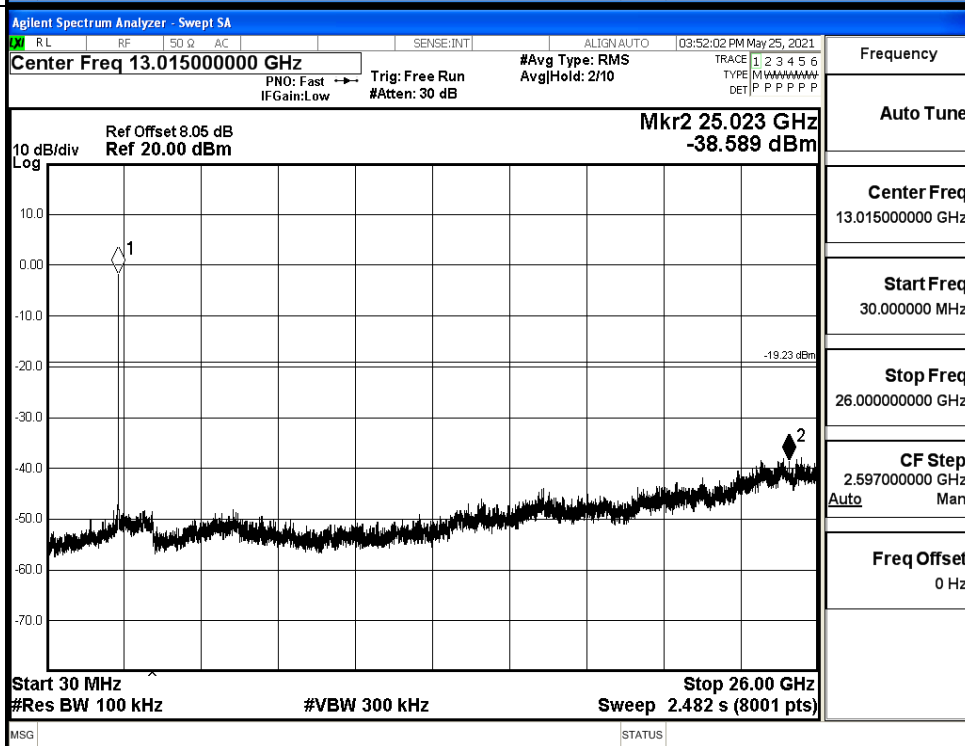


11G MCH Graphs

Pref/11G/MCH

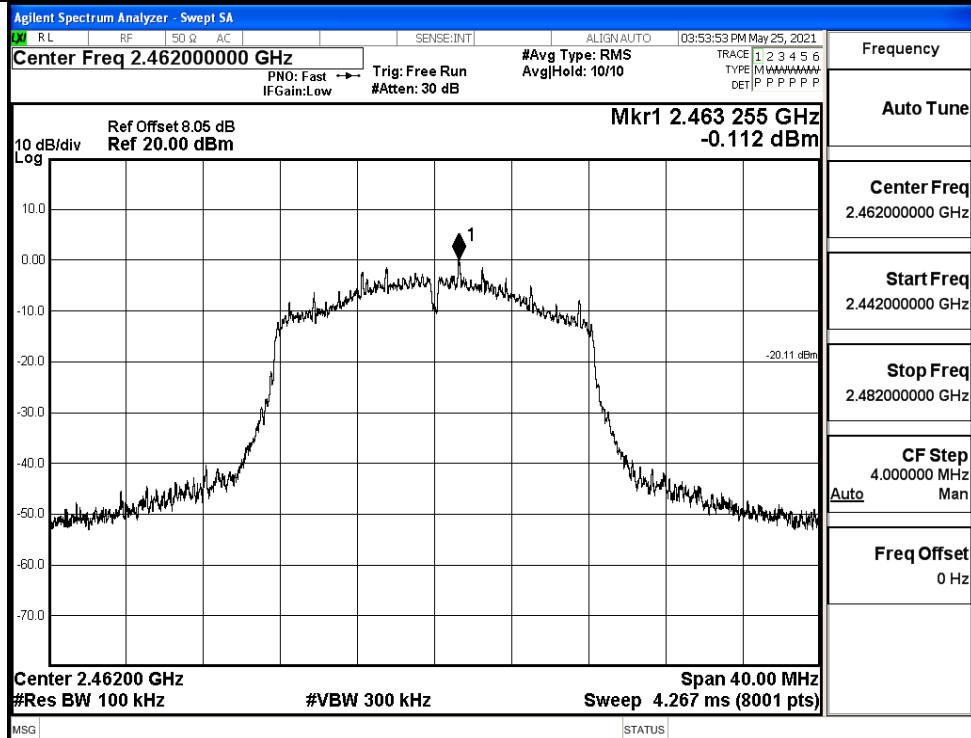


Puw/11G/MCH

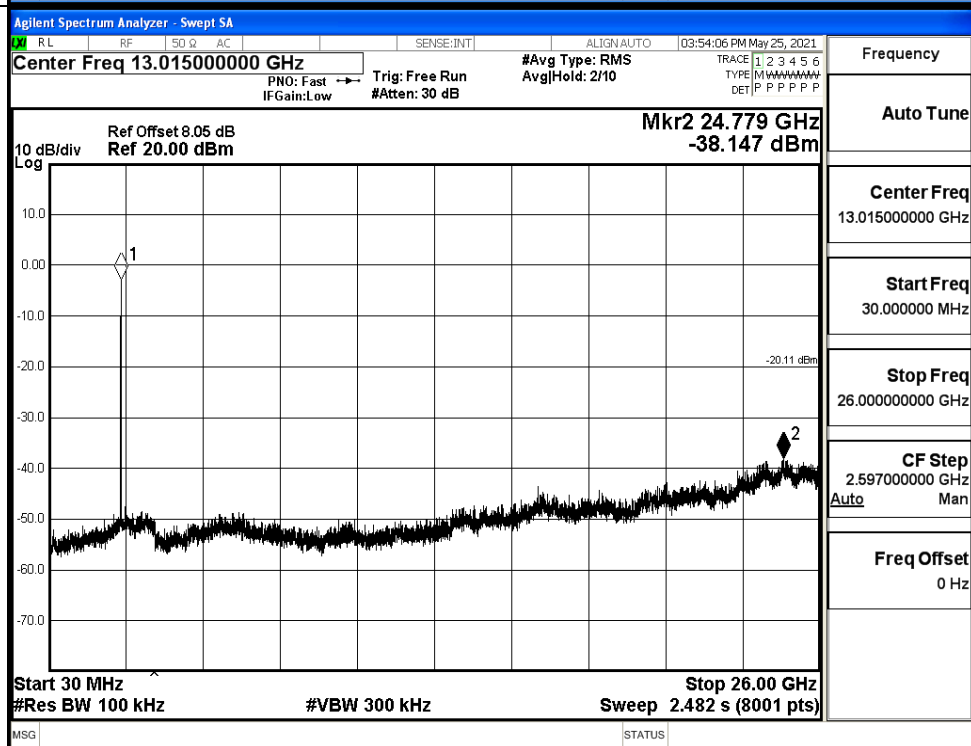


11G HCH Graphs

Pref/11G/HCH

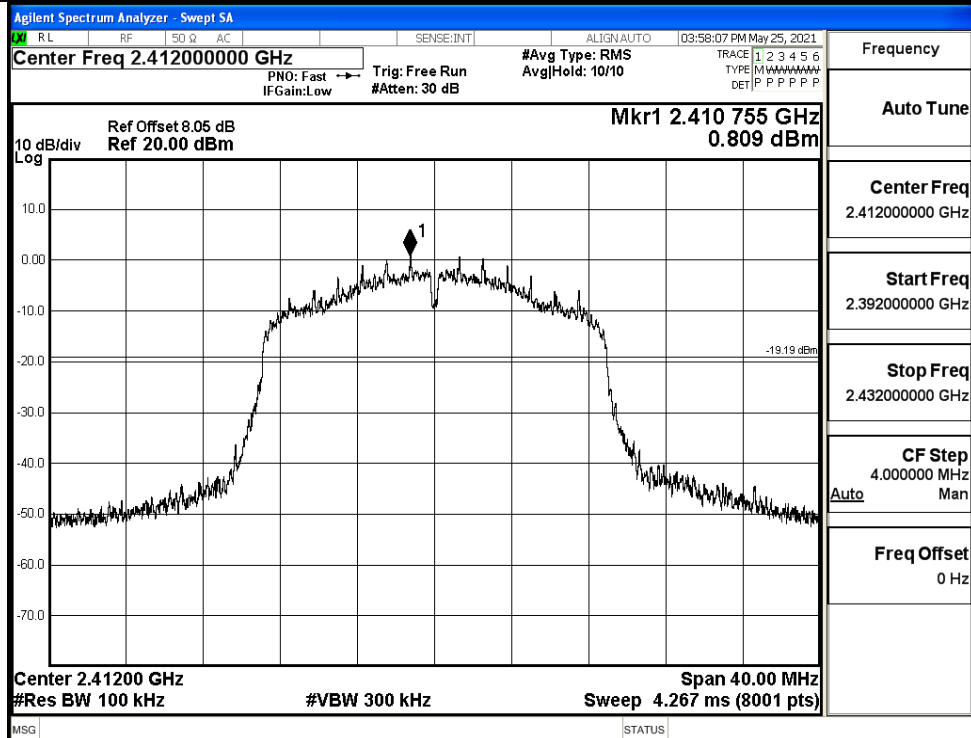


Puw/11G/HCH

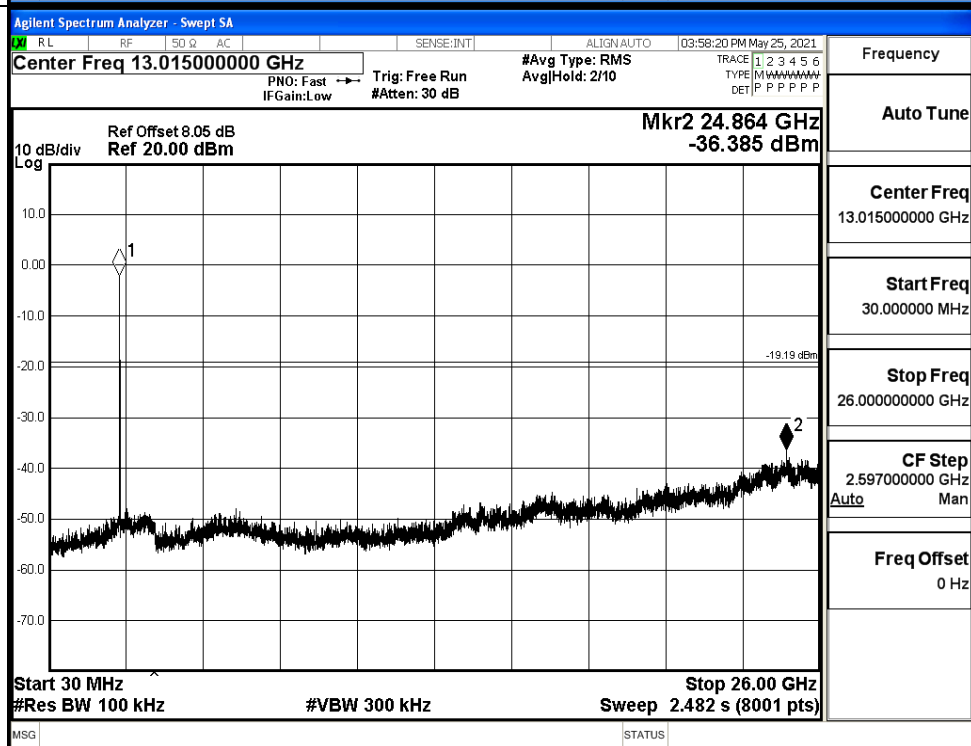


11N20SISO LCH Graphs

Pref/11N20SIS
O/LCH

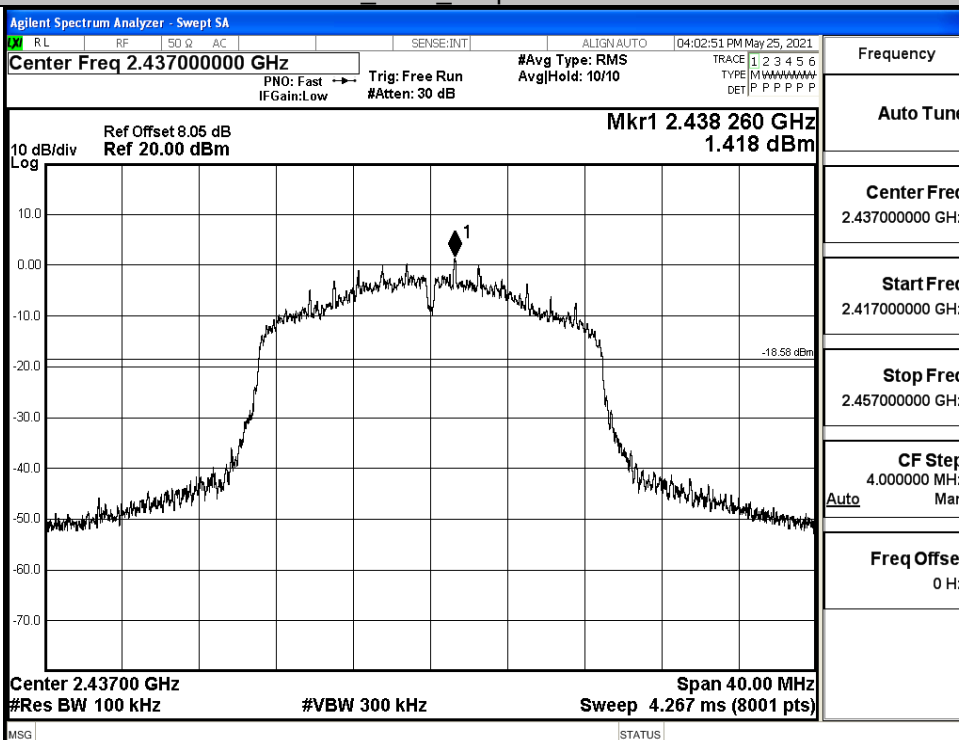


Puw/11N20
SISO/LCH

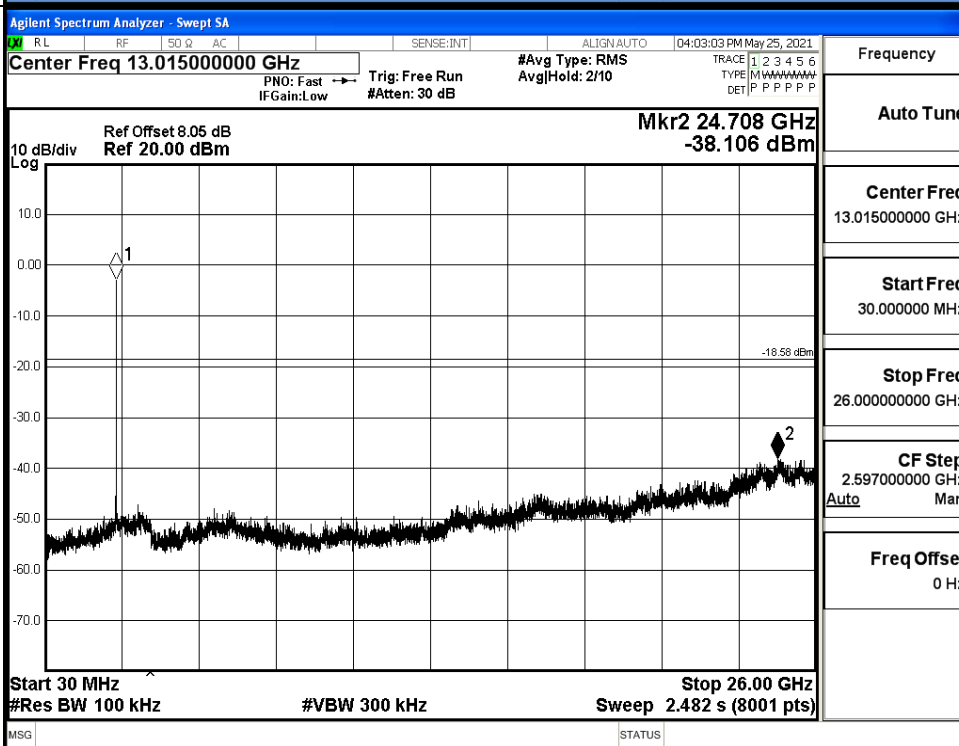


11N20SISO_MCH_Graphs

Pref/11N20
SISO/MCH

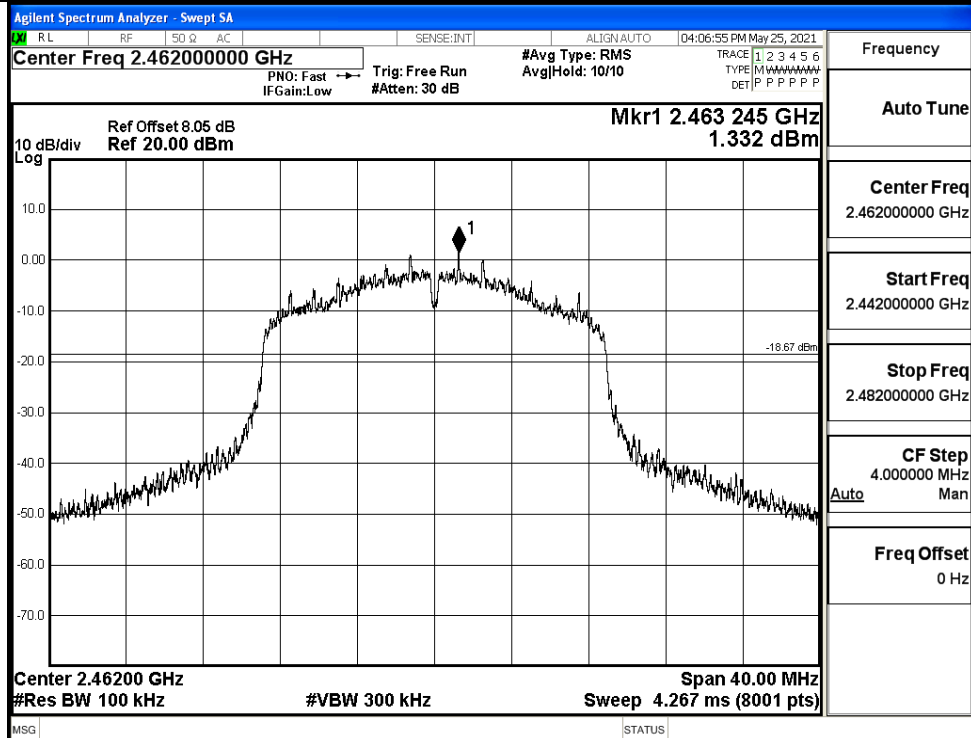


Puw/11N20
SISO/MCH

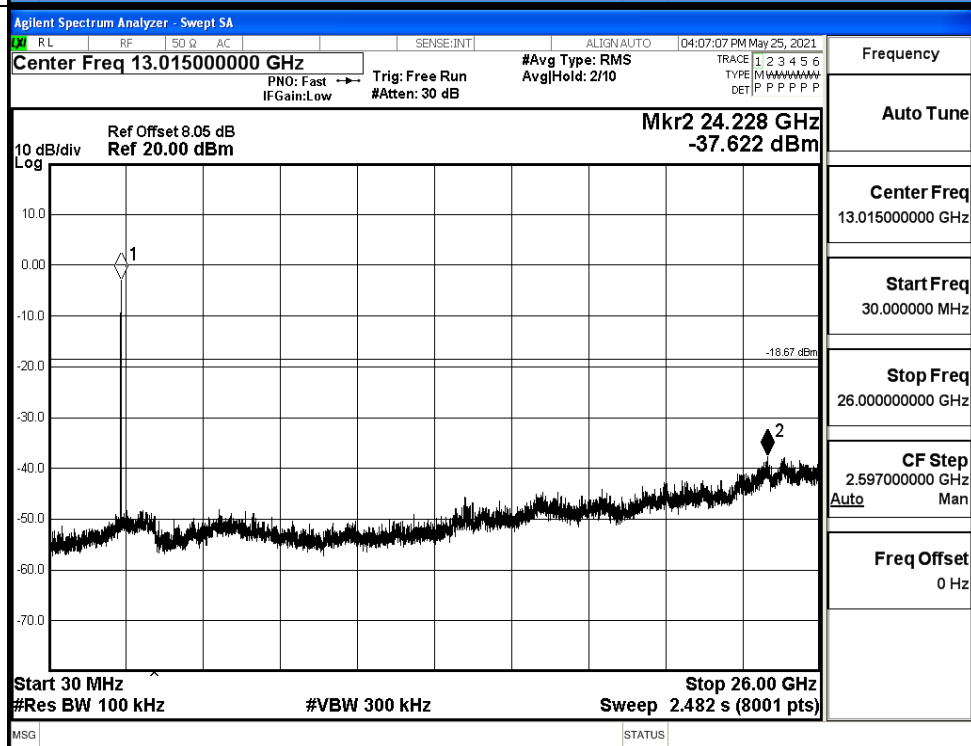


11N20SISO HCH Graphs

Pref/11N20
SISO/HCH

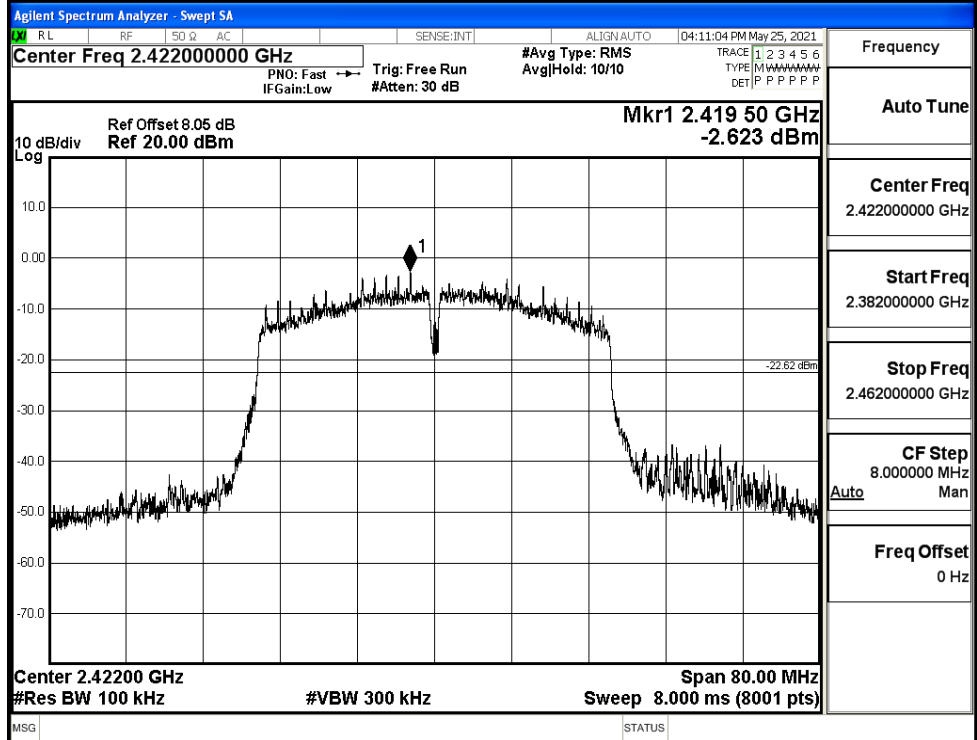


Puw/11N20
SISO/HCH

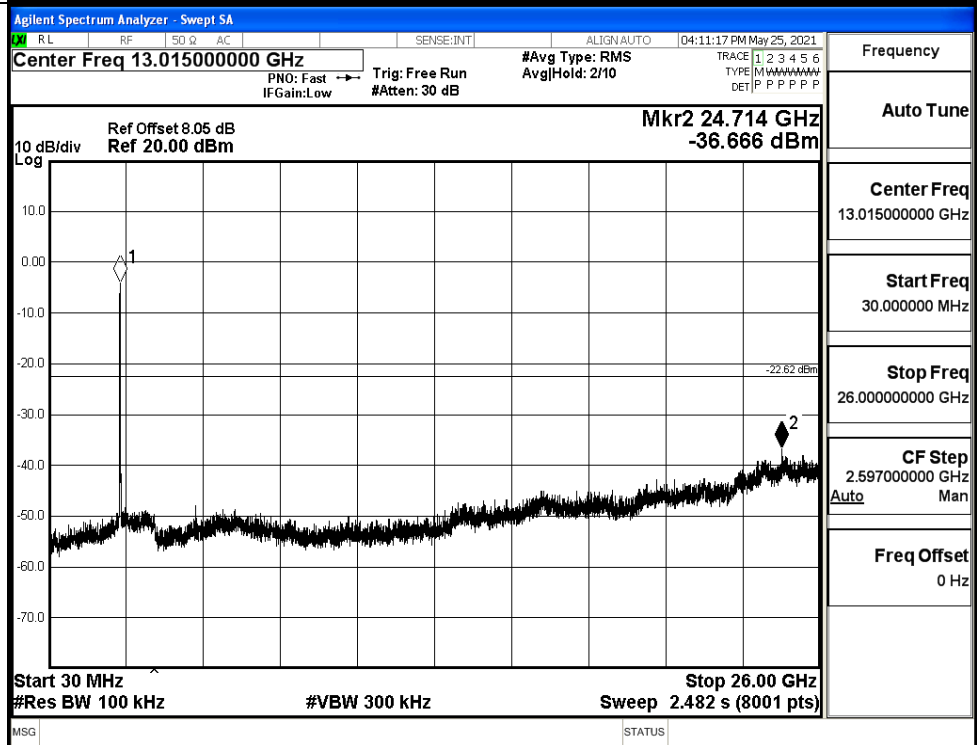


11N40SISO LCH Graphs

Pref/11N40
SISO/LCH

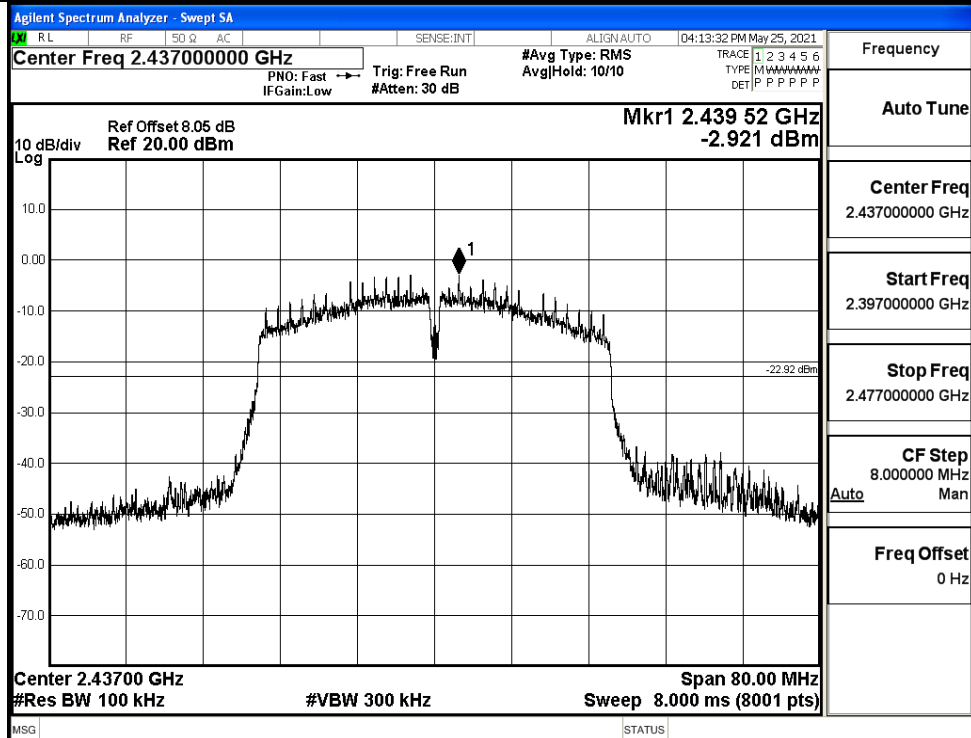


Puw/11N40
SISO/LCH

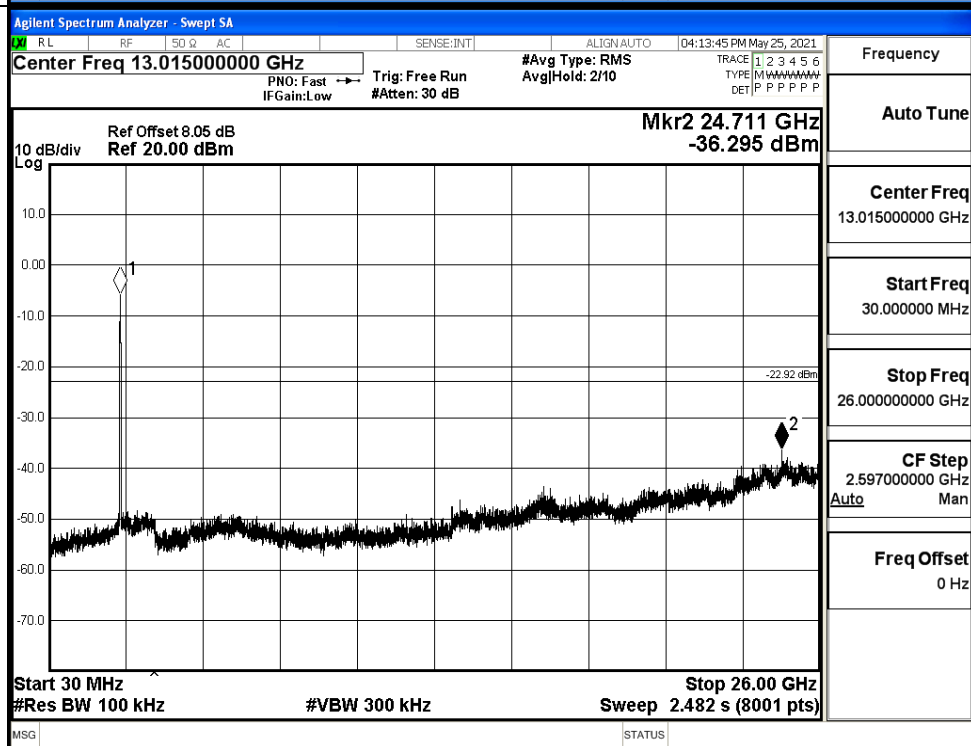


11N40SISO_MCH_Graphs

Pref/11N40
SISO/MCH

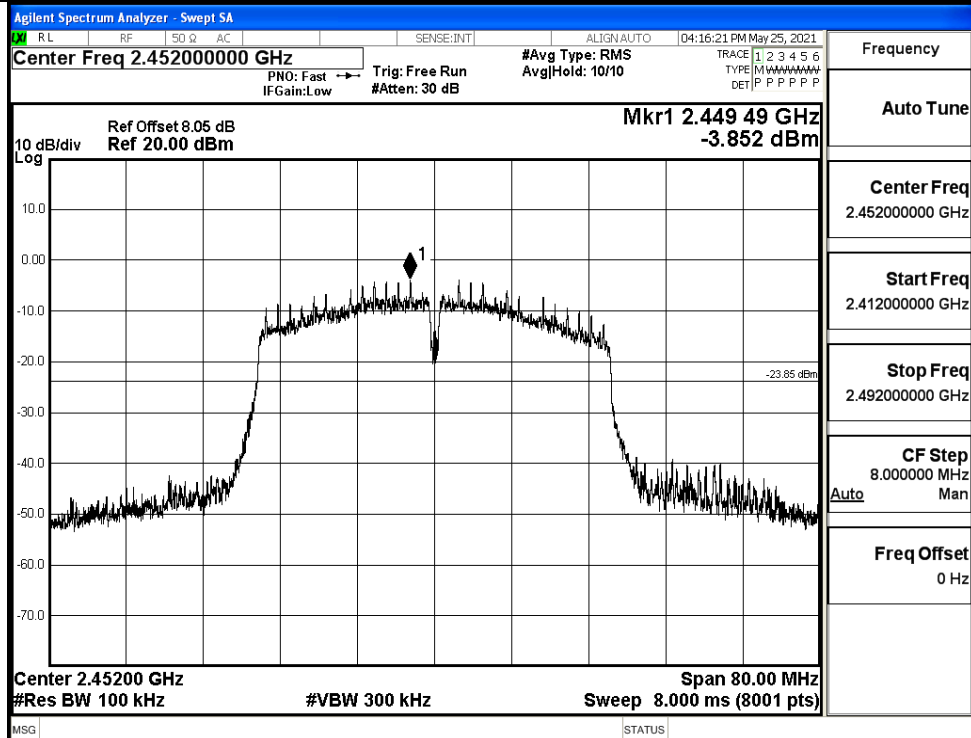


Puw/11N40
SISO/MCH

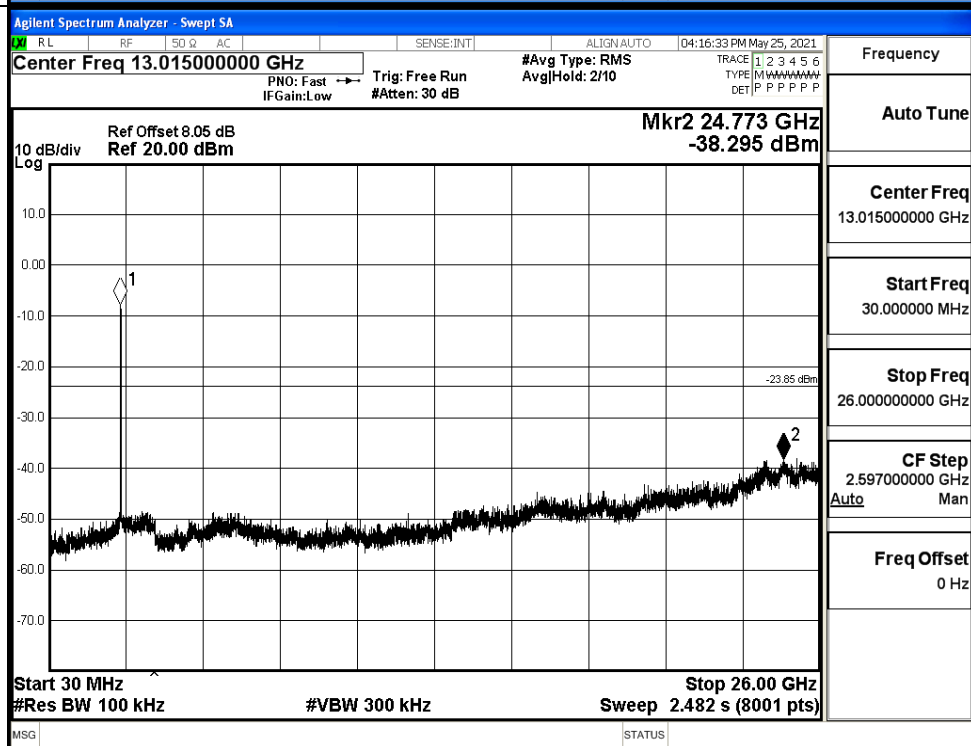


11N40SISO HCH Graphs

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH

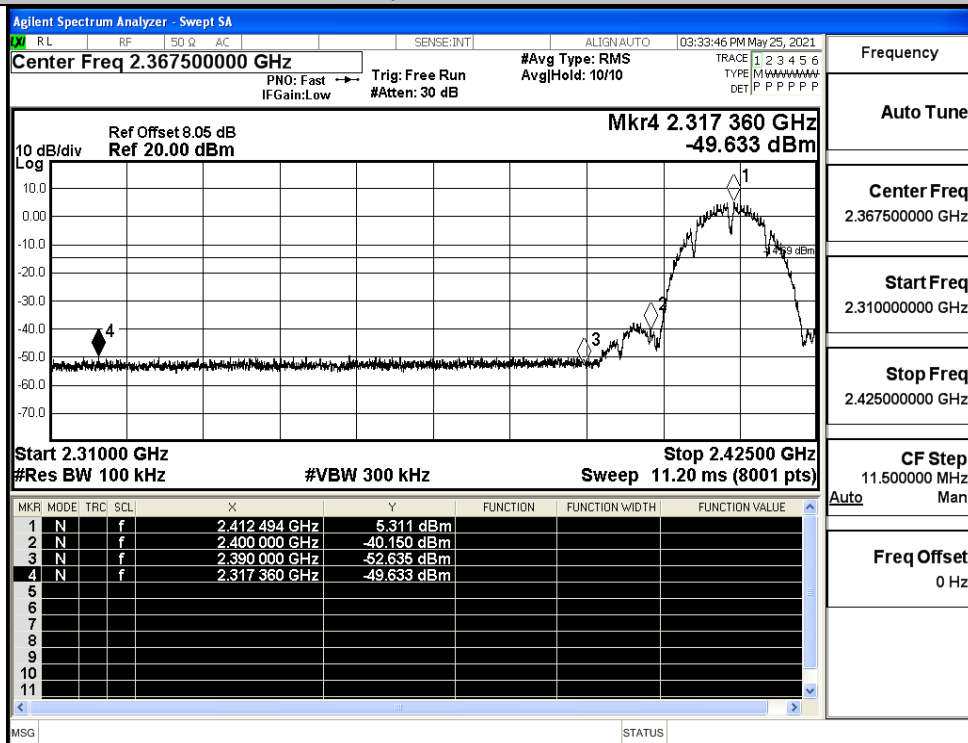


B.6 Band-edge for RF Conducted Emissions

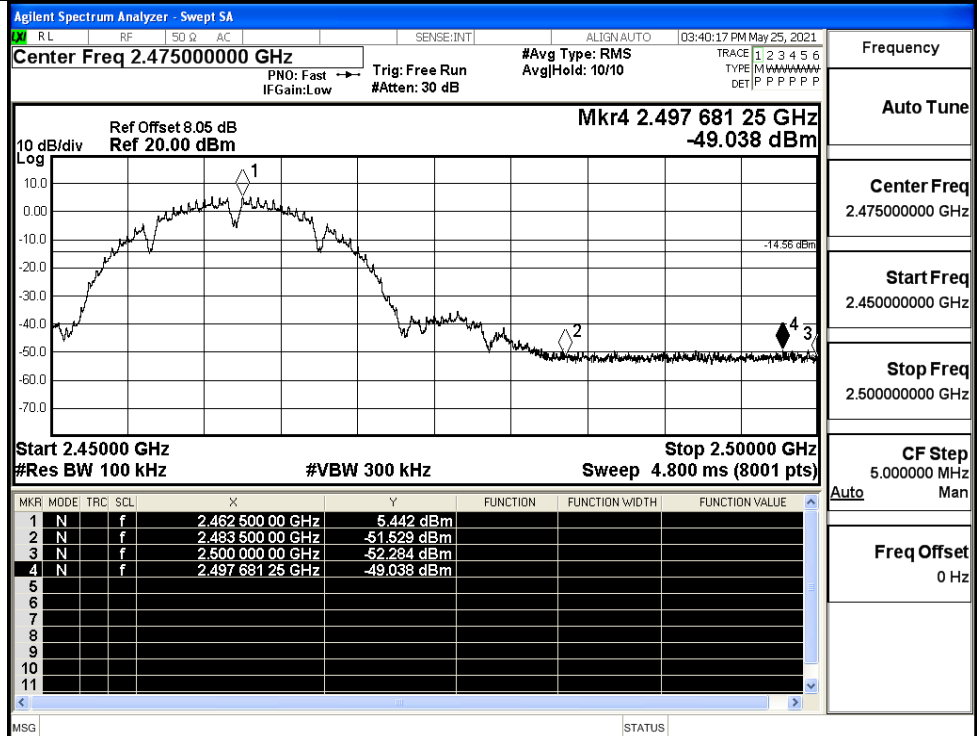
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.311	-49.633	-14.69	PASS
	HCH	5.442	-49.038	-14.56	PASS
11G	LCH	0.849	-48.883	-19.15	PASS
	HCH	0.024	-48.851	-19.98	PASS
11N20SISO	LCH	1.579	-49.118	-18.42	PASS
	HCH	1.551	-48.502	-18.45	PASS
11N40SISO	LCH	-2.585	-46.199	-22.59	PASS
	HCH	-3.636	-42.027	-23.64	PASS

Test Graphs

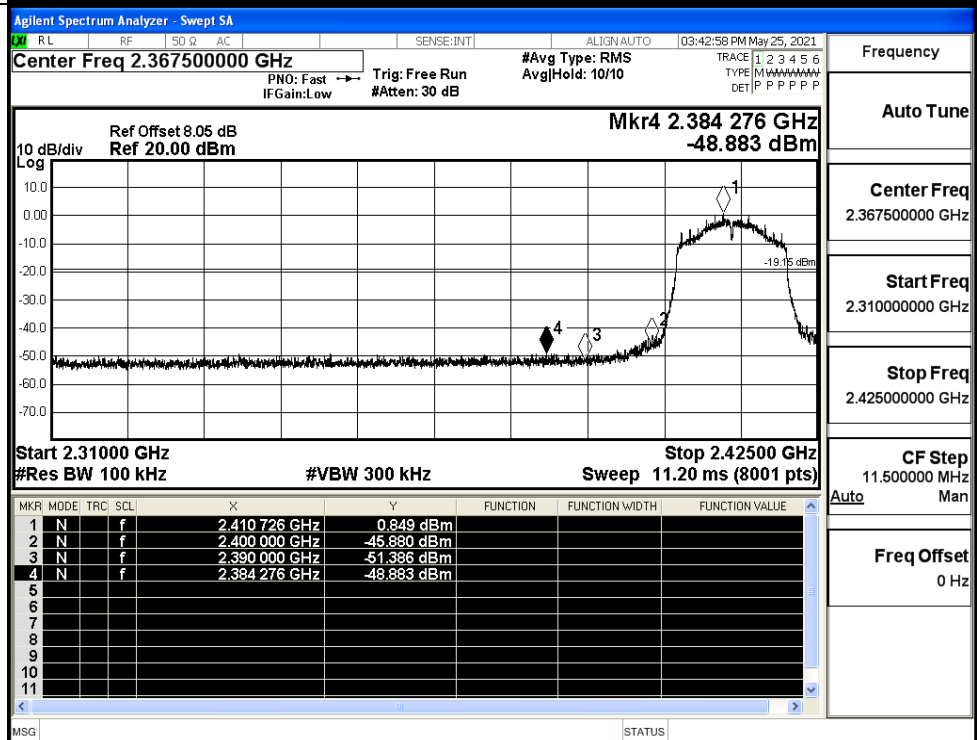
11B/LCH



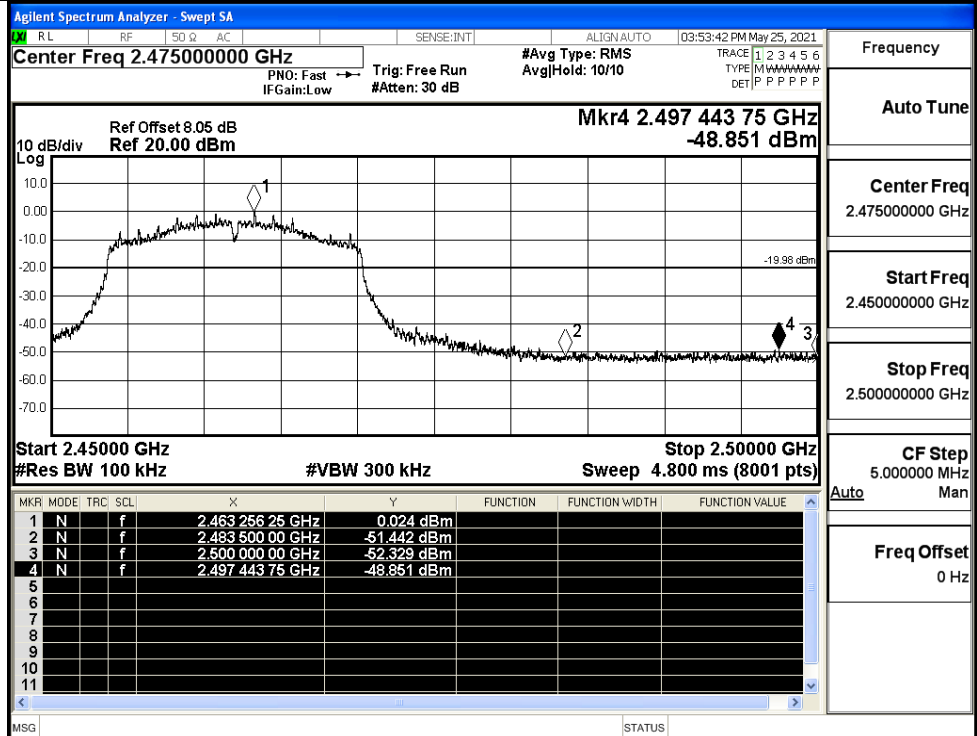
11B/HCH



11G/LCH



11G/HCH



Frequency

Auto Tune

Center Freq
2.475000000 GHz

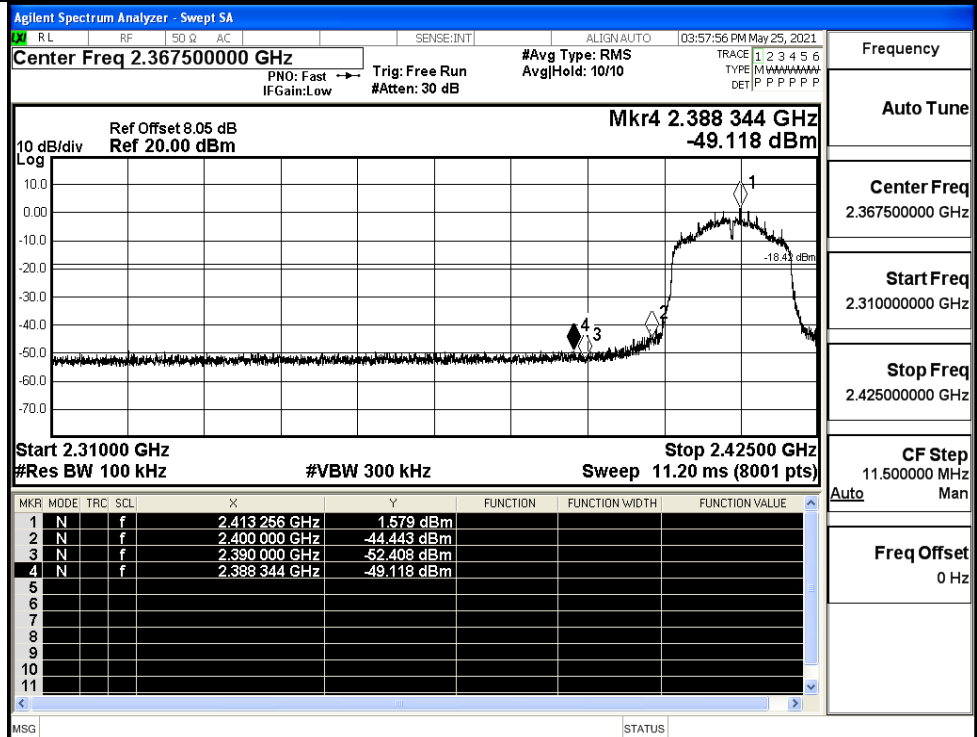
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

11N20SISO/LCH



Frequency

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

11N20SISO/HCH

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.475000000 GHz

PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

#Avg Type: RMS AvgHold: 10/10

Ref Offset 8.05 dB Ref 20.00 dBm

Mkr4 2.483 525 00 GHz -48.502 dBm

10 dB/div Log

Start 2.45000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.50000 GHz Sweep 4.800 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.463 275 00 GHz	1.551 dBm			
2	N		f	2.483 500 00 GHz	-49.886 dBm			
3	N		f	2.500 000 00 GHz	-51.072 dBm			
4	N		f	2.483 525 00 GHz	-48.502 dBm			

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

11N40SISO/LCH

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.377500000 GHz

PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

#Avg Type: RMS AvgHold: 10/10

Ref Offset 8.05 dB Ref 20.00 dBm

Mkr4 2.389 414 GHz -46.199 dBm

10 dB/div Log

Start 2.31000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.44500 GHz Sweep 13.33 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.424 514 GHz	-2.595 dBm			
2	N		f	2.400 000 GHz	-44.484 dBm			
3	N		f	2.390 000 GHz	-49.628 dBm			
4	N		f	2.389 414 GHz	-46.199 dBm			

Frequency

Auto Tune

Center Freq 2.377500000 GHz

Start Freq 2.310000000 GHz

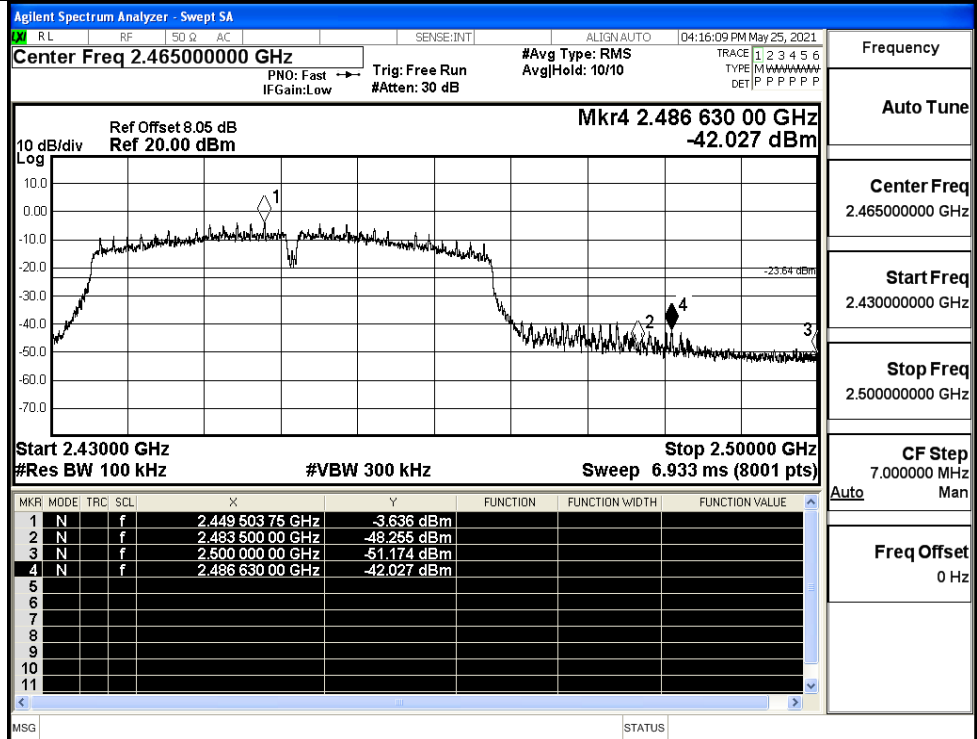
Stop Freq 2.445000000 GHz

CF Step 13.500000 MHz

Auto Man

Freq Offset 0 Hz

11N40SISO/HCH

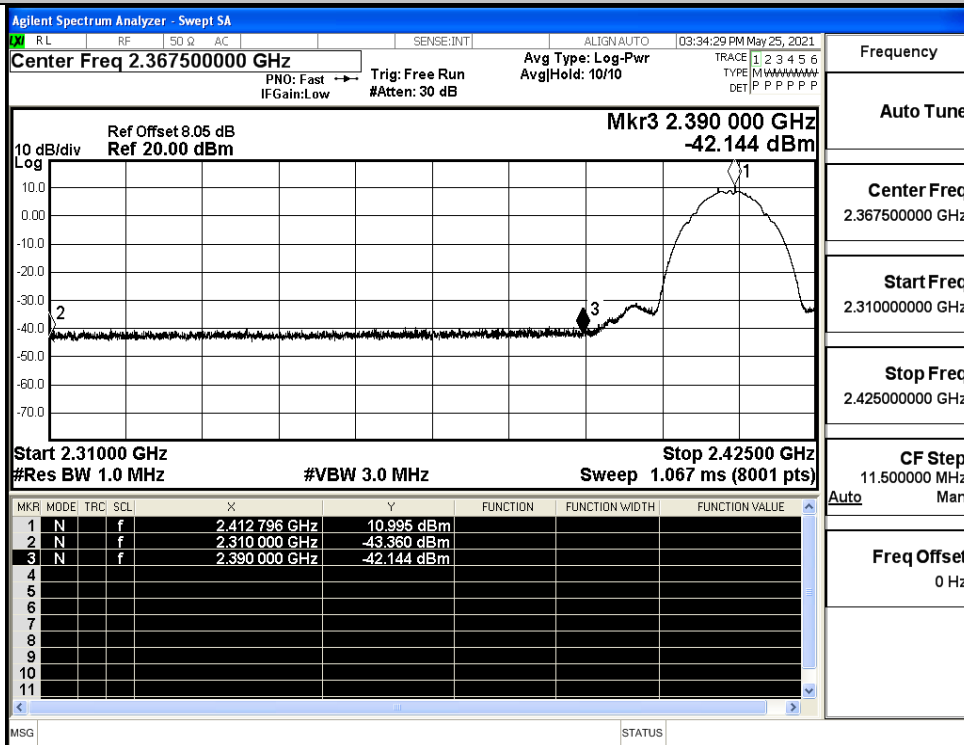


B.7 Restrict-band band-edge measurements

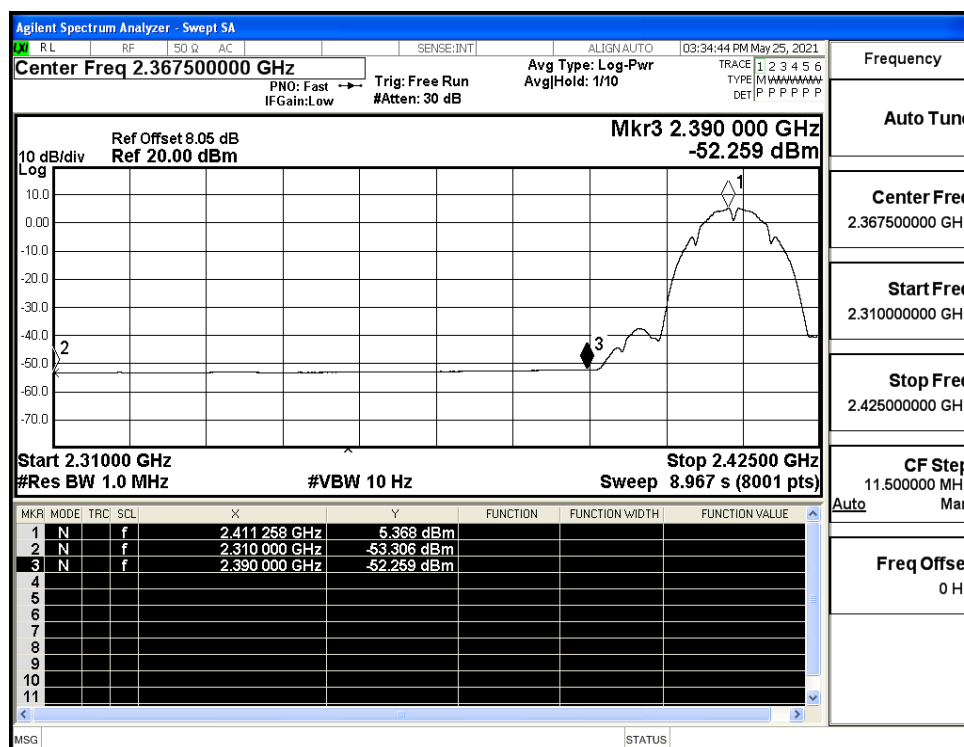
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-43.36	2.0	0	53.87	PEAK	74	PASS
	2412	Ant1	2310.0	-53.31	2.0	0	43.92	AV	54	PASS
	2412	Ant1	2390.0	-42.14	2.0	0	55.09	PEAK	74	PASS
	2412	Ant1	2390.0	-52.26	2.0	0	44.97	AV	54	PASS
	2462	Ant1	2483.5	-42.12	2.0	0	55.11	PEAK	74	PASS
	2462	Ant1	2483.5	-52.20	2.0	0	45.03	AV	54	PASS
	2462	Ant1	2500.0	-41.89	2.0	0	55.34	PEAK	74	PASS
	2462	Ant1	2500.0	-52.26	2.0	0	44.97	AV	54	PASS
11G	2412	Ant1	2310.0	-41.92	2.0	0	55.31	PEAK	74	PASS
	2412	Ant1	2310.0	-52.88	2.0	0	44.35	AV	54	PASS
	2412	Ant1	2390.0	-40.15	2.0	0	57.08	PEAK	74	PASS
	2412	Ant1	2390.0	-51.76	2.0	0	45.47	AV	54	PASS
	2462	Ant1	2483.5	-41.36	2.0	0	55.87	PEAK	74	PASS
	2462	Ant1	2483.5	-52.03	2.0	0	45.20	AV	54	PASS
	2462	Ant1	2500.0	-40.92	2.0	0	56.31	PEAK	74	PASS
	2462	Ant1	2500.0	-52.23	2.0	0	45.00	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.78	2.0	0	54.45	PEAK	74	PASS
	2412	Ant1	2310.0	-52.98	2.0	0	44.25	AV	54	PASS
	2412	Ant1	2390.0	-42.57	2.0	0	54.66	PEAK	74	PASS
	2412	Ant1	2390.0	-51.82	2.0	0	45.41	AV	54	PASS
	2462	Ant1	2483.5	-40.09	2.0	0	57.14	PEAK	74	PASS
	2462	Ant1	2483.5	-51.38	2.0	0	45.85	AV	54	PASS
	2462	Ant1	2500.0	-41.80	2.0	0	55.43	PEAK	74	PASS
	2462	Ant1	2500.0	-52.12	2.0	0	45.11	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-40.72	2.0	0	56.51	PEAK	74	PASS
	2422	Ant1	2310.0	-52.94	2.0	0	44.29	AV	54	PASS

	2422	Ant1	2390.0	-37.53	2.0	0	59.70	PEAK	74	PASS
	2422	Ant1	2390.0	-49.84	2.0	0	47.39	AV	54	PASS
	2452	Ant1	2483.5	-34.97	2.0	0	62.26	PEAK	74	PASS
	2452	Ant1	2483.5	-49.38	2.0	0	47.85	AV	54	PASS
	2452	Ant1	2500.0	-41.08	2.0	0	56.15	PEAK	74	PASS
	2452	Ant1	2500.0	-52.06	2.0	0	45.17	AV	54	PASS

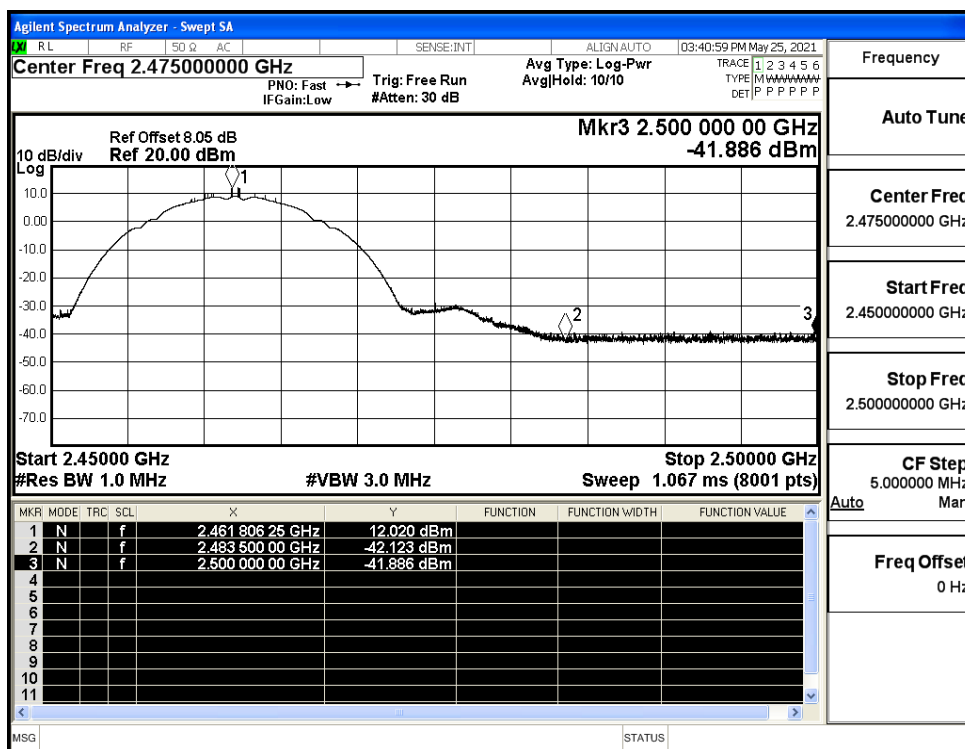
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



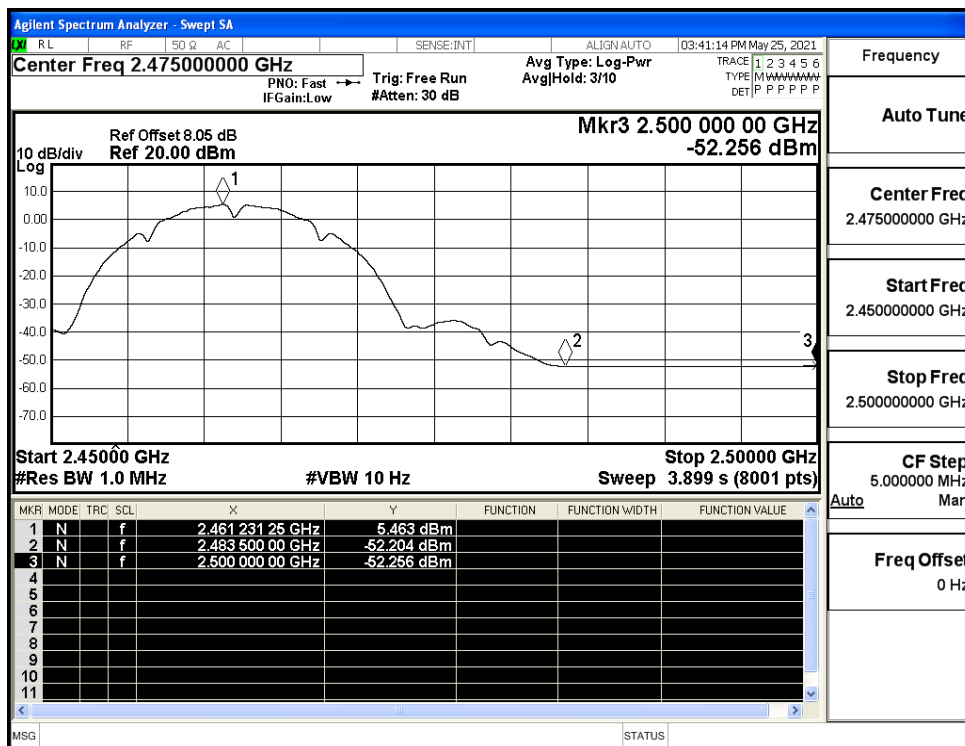
Restrict-band band-edge measurements_11B_2412_Ant1_AV



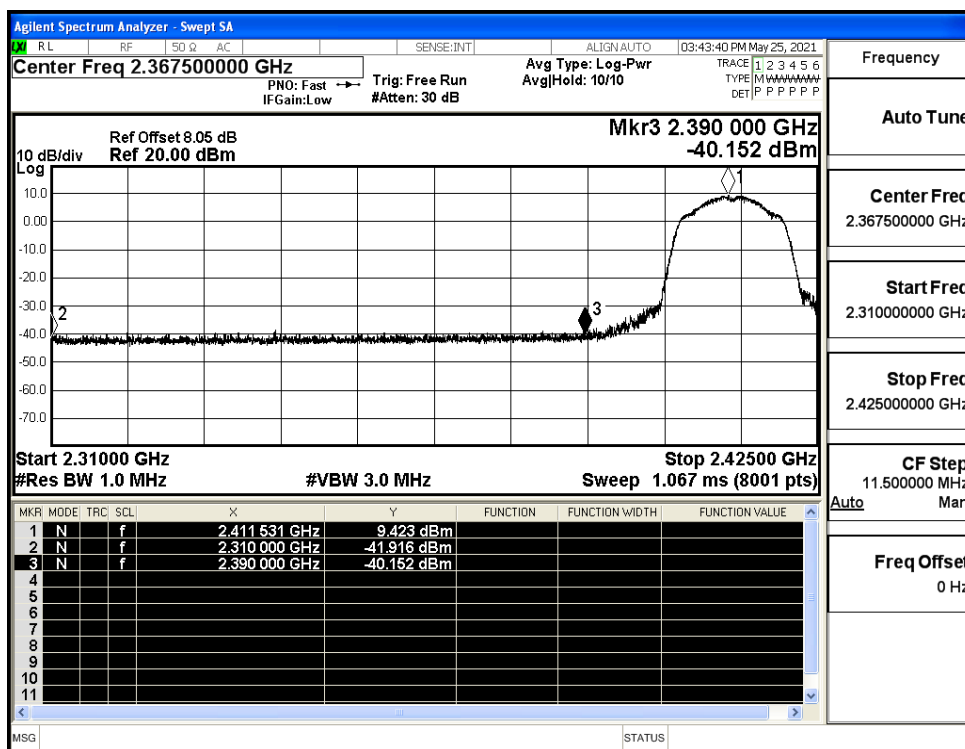
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



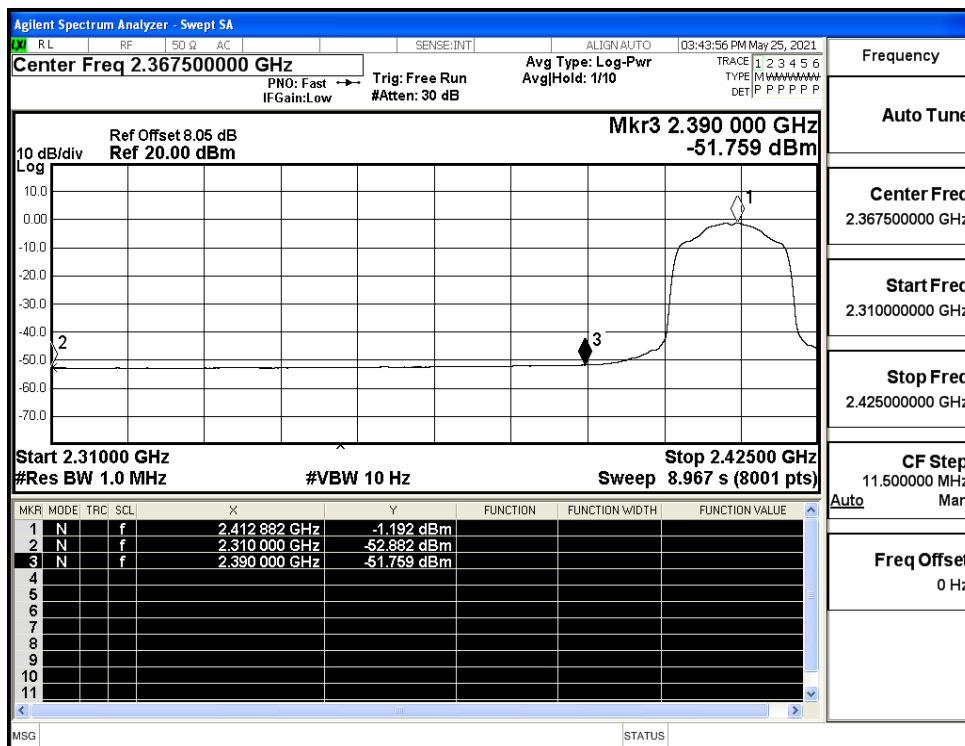
Restrict-band band-edge measurements_11B_2462_Ant1_AV



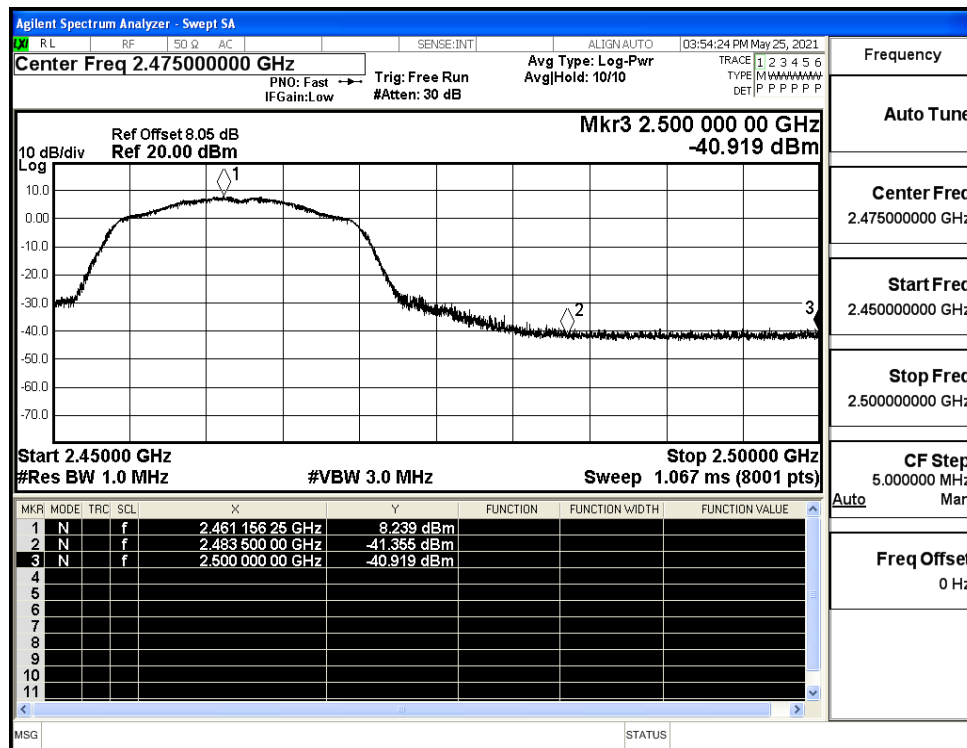
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



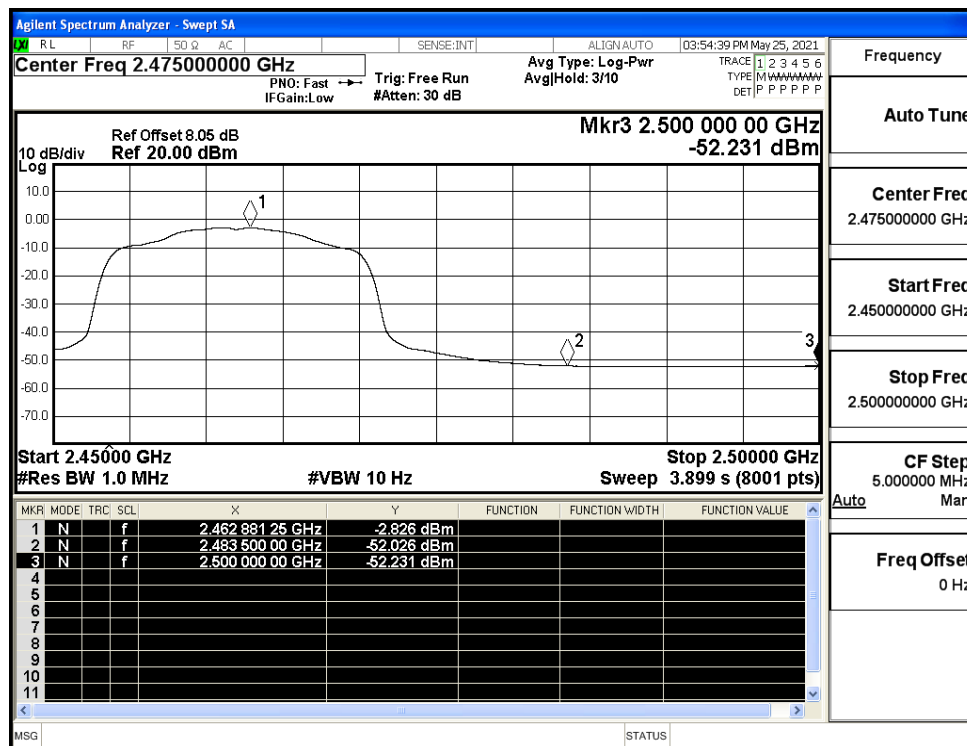
Restrict-band band-edge measurements_11G_2412_Ant1_AV



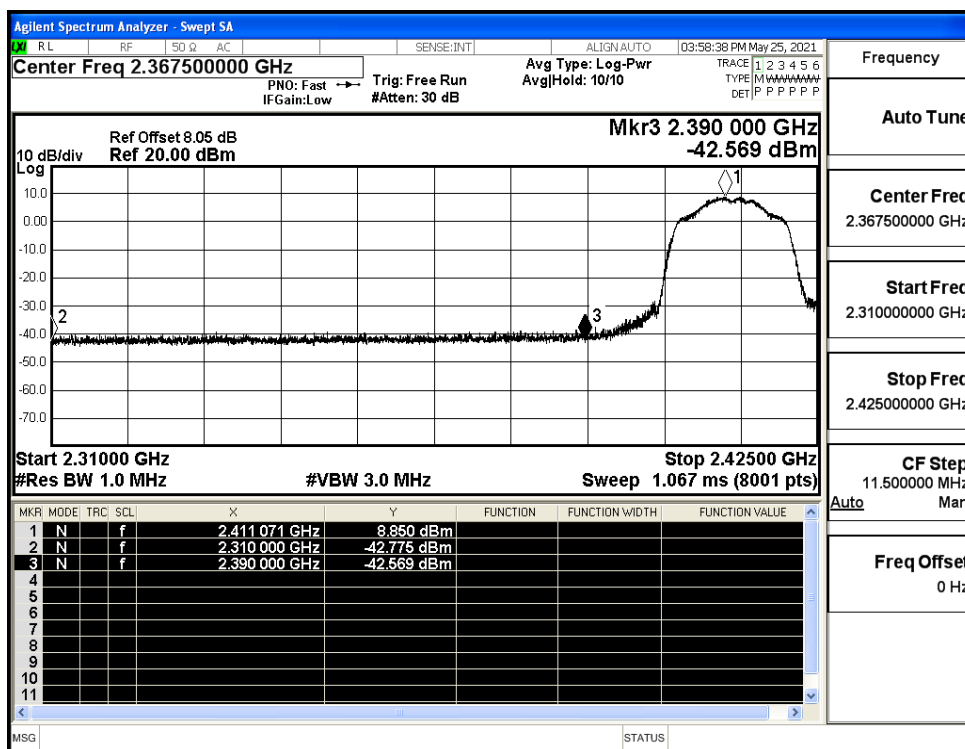
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



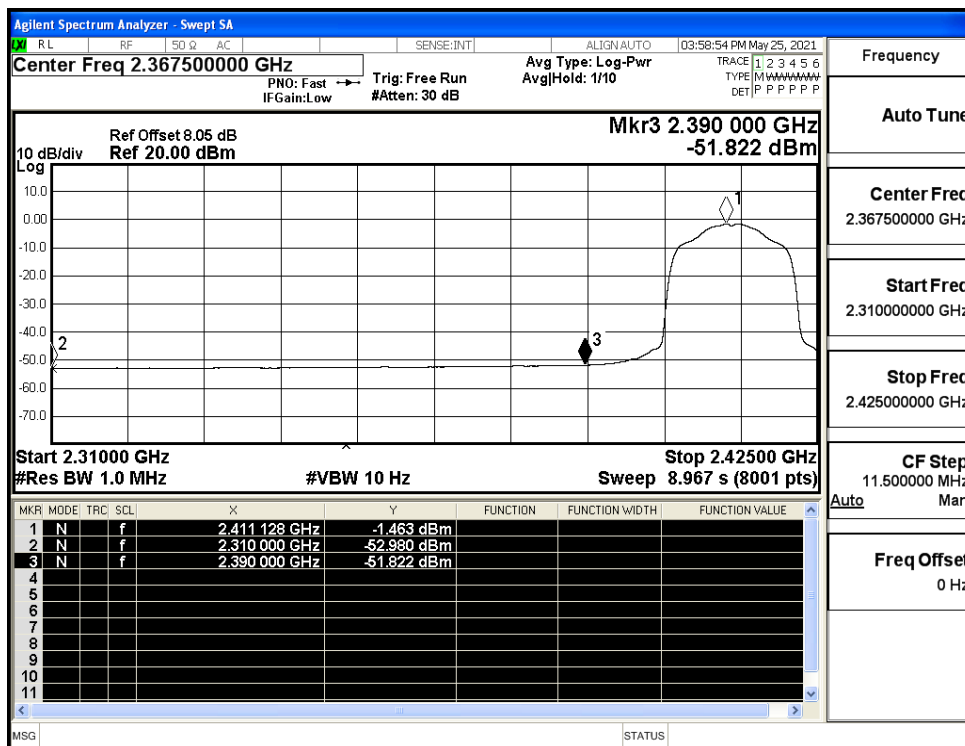
Restrict-band band-edge measurements_11G_2462_Ant1_AV



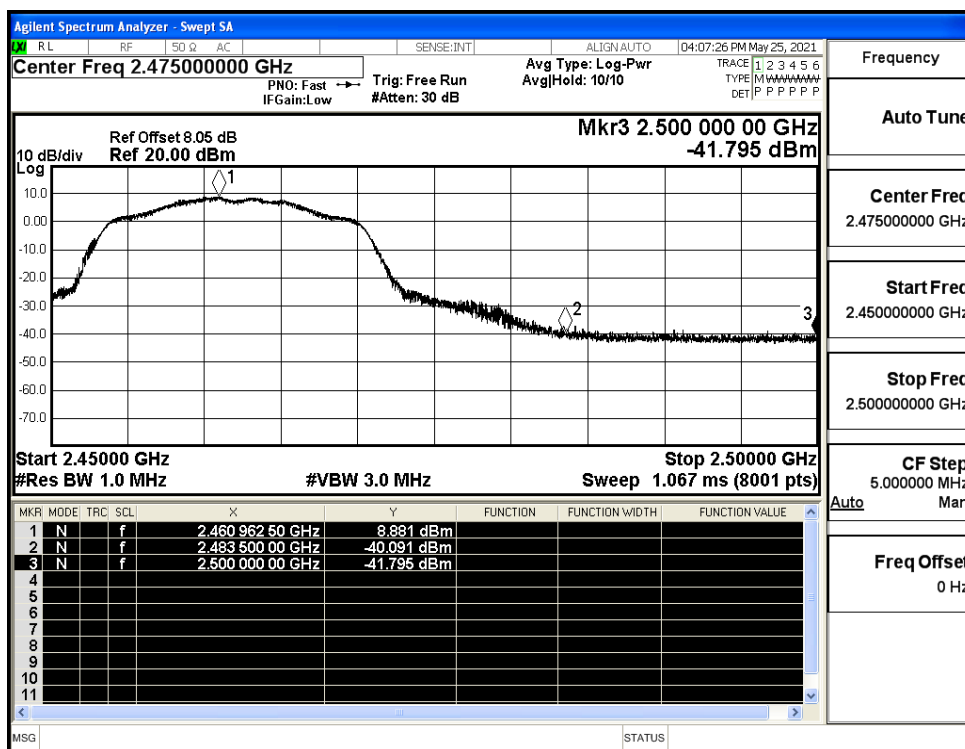
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



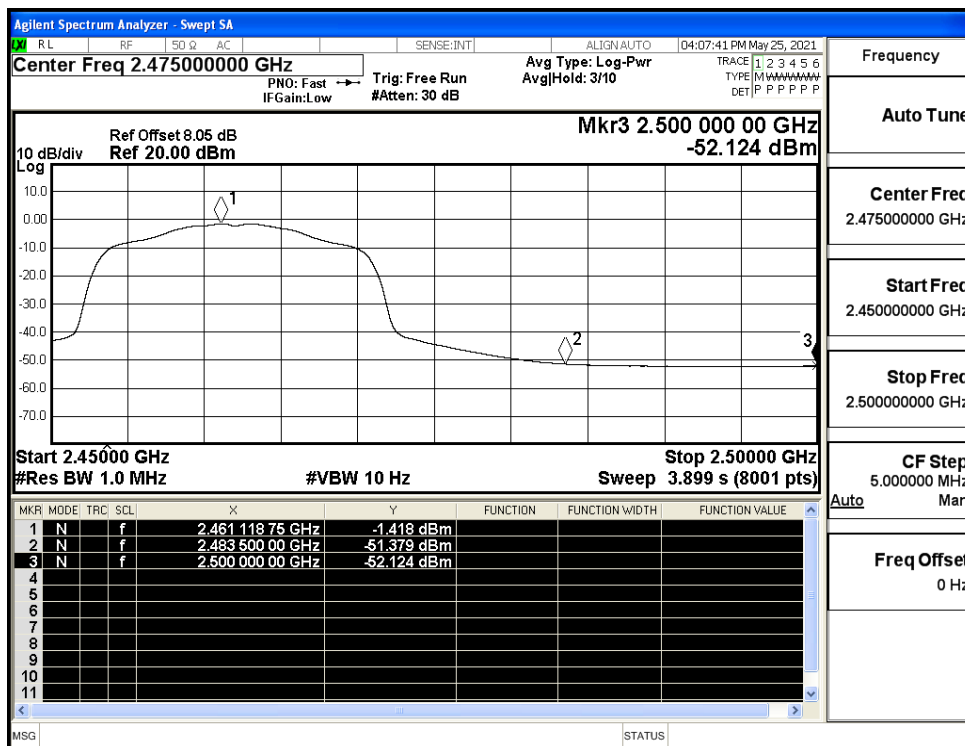
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



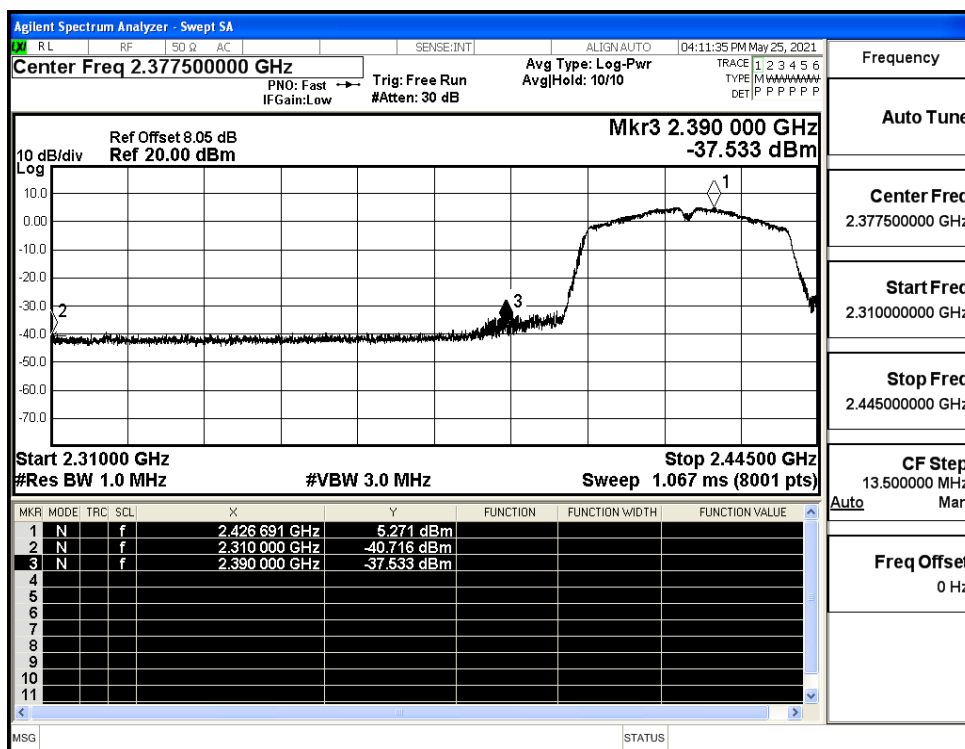
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



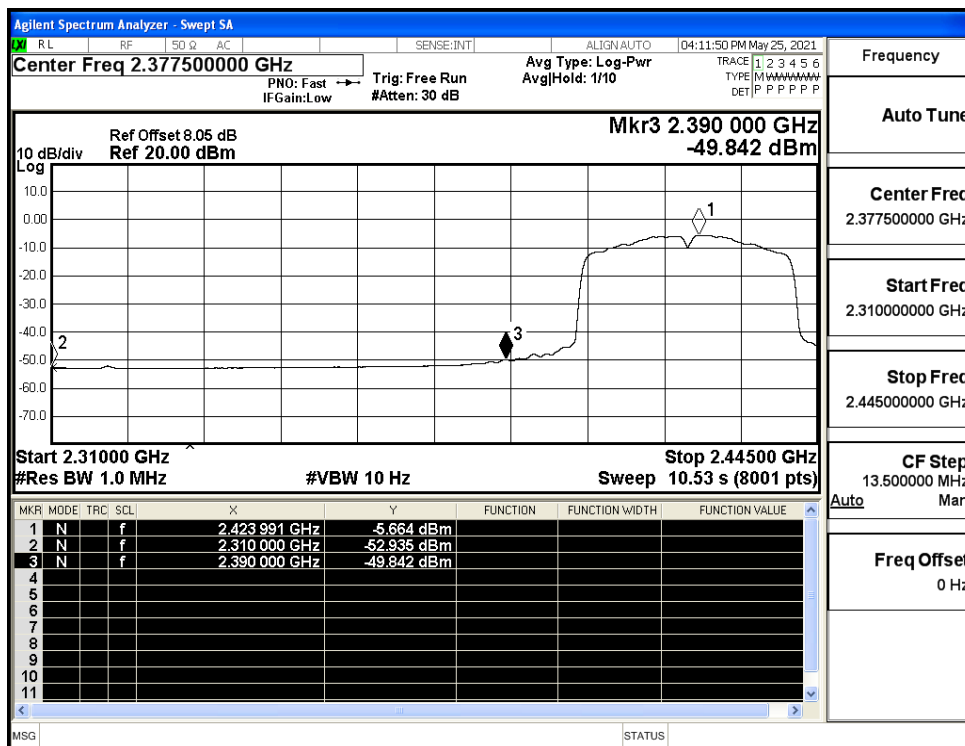
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



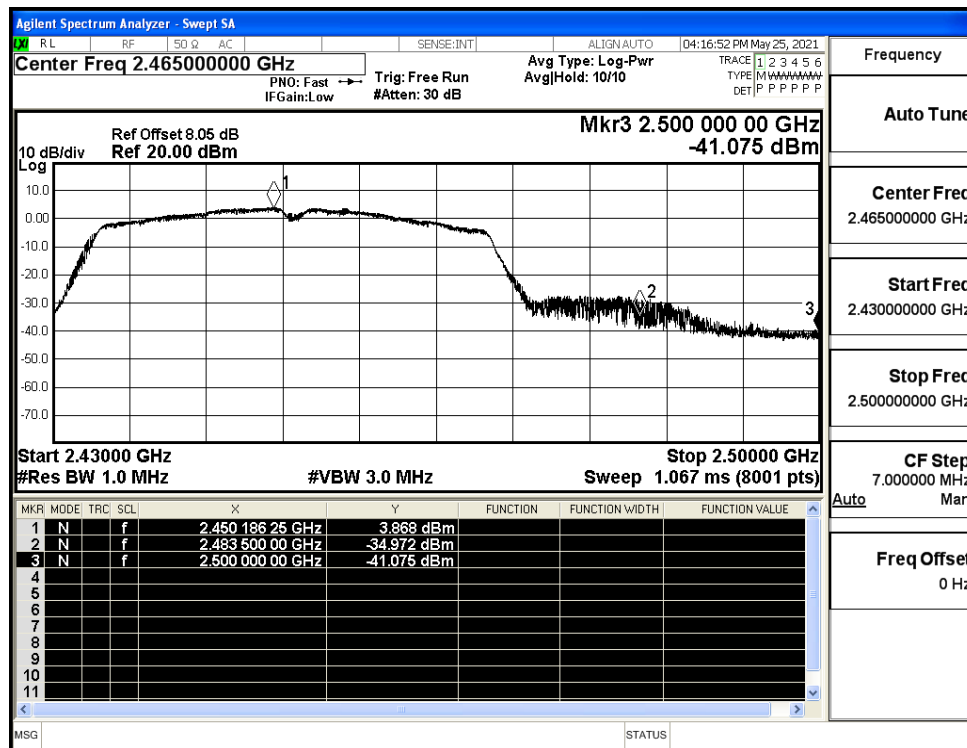
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



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

