

Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Drive

Trade Mark: Opus IVS

Test Model: TAB-F1063-2

Environmental Conditions

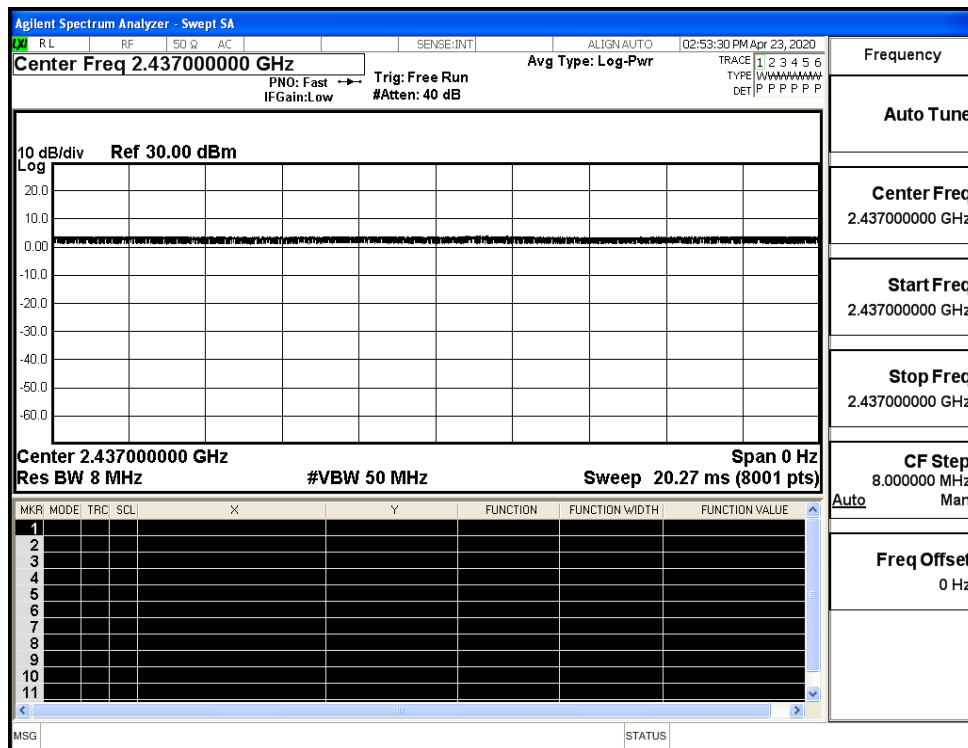
Temperature:	24.3 ° C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Tom Liu

C.1 Duty Cycle

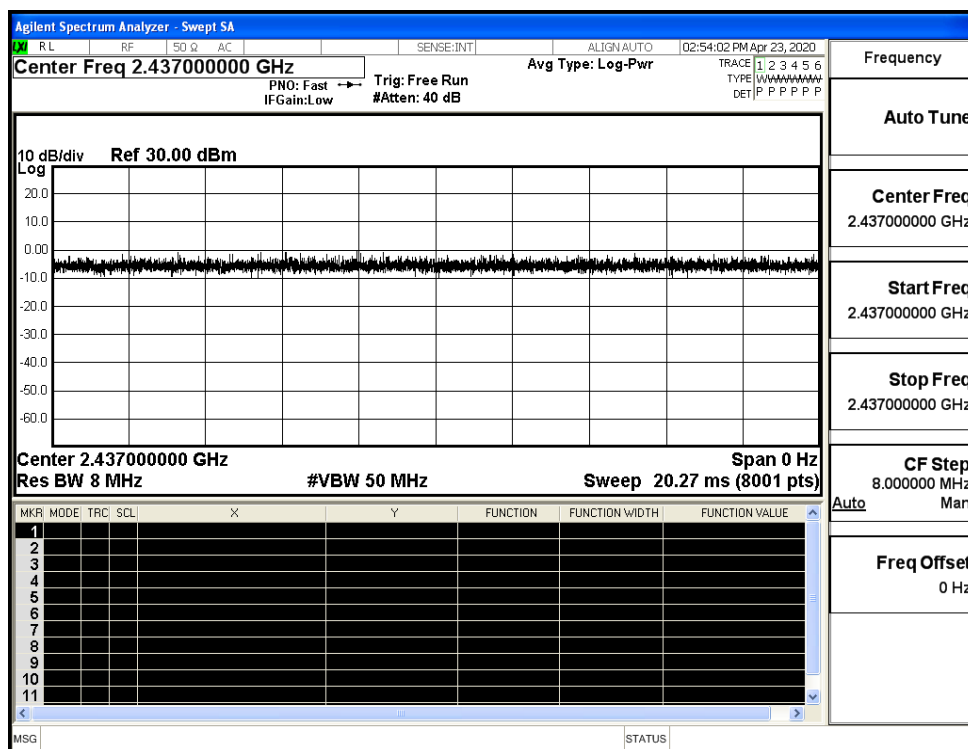
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant0	100	PASS
11G	2437	Ant0	100	PASS
11N20SISO	2437	Ant0	100	PASS
11N40SISO	2437	Ant0	100	PASS

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

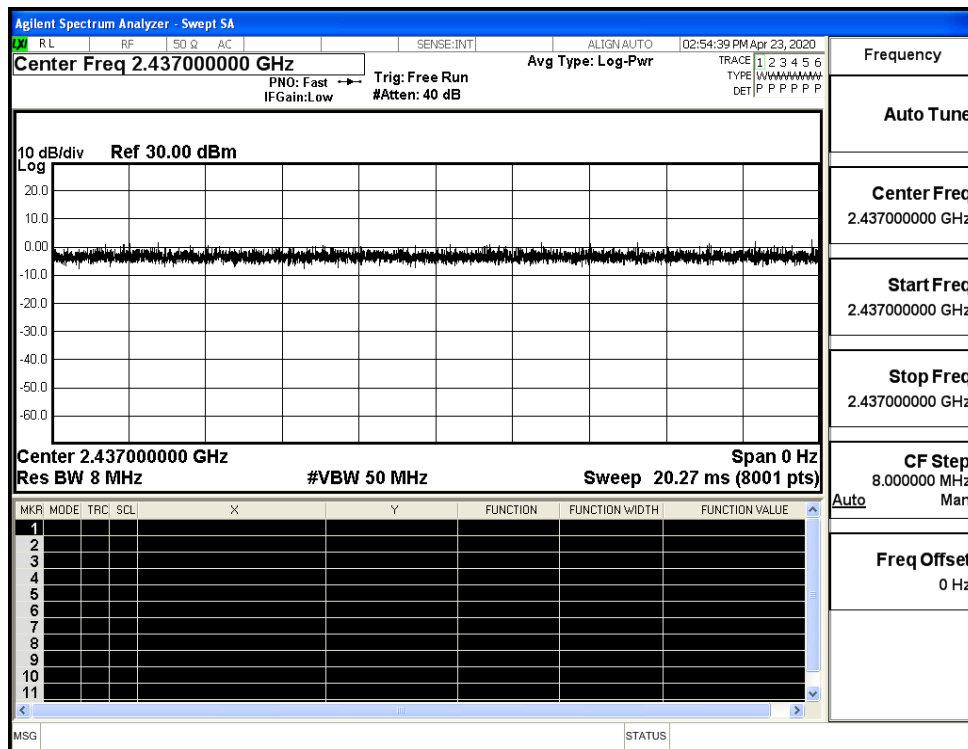
Duty Cycle_11B_2437_Ant0



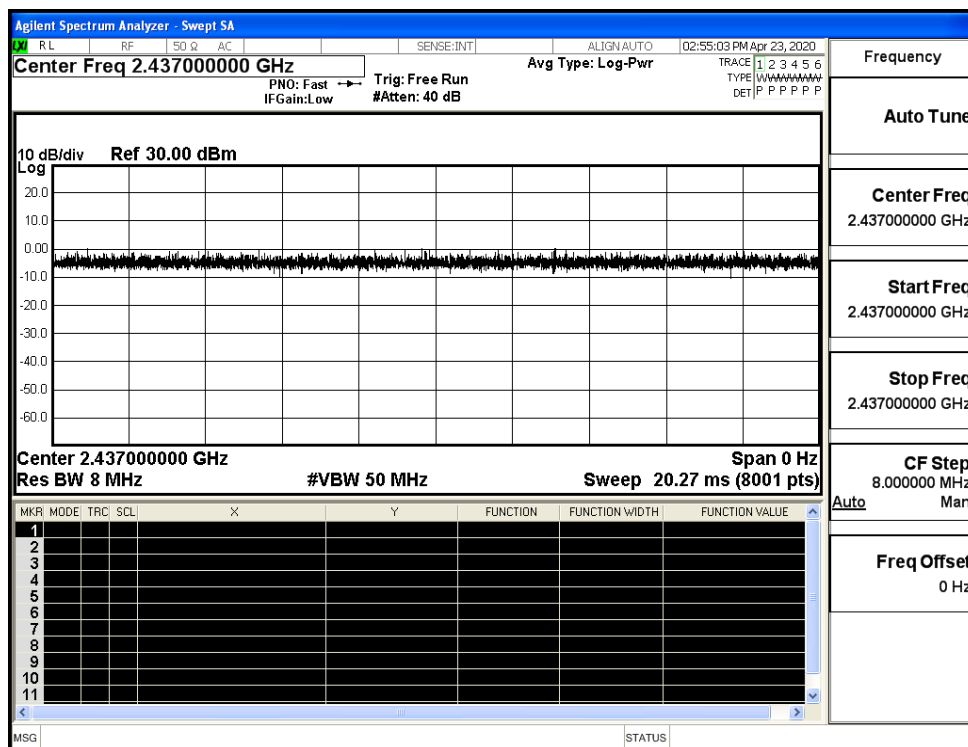
Duty Cycle_11G_2437_Ant0



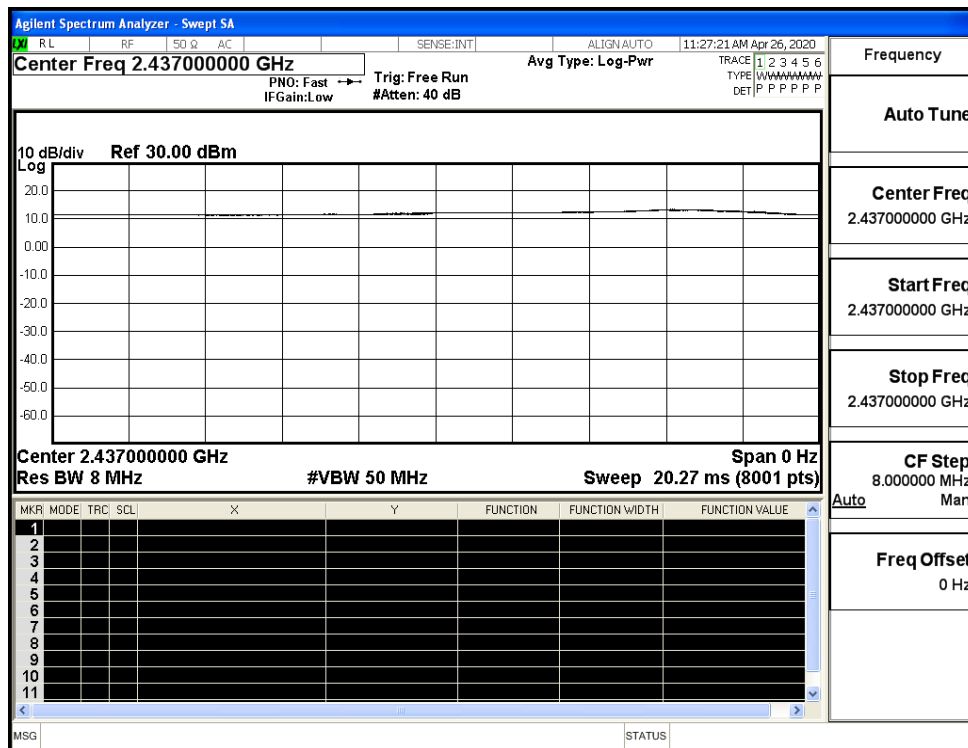
Duty Cycle_11N20SISO_2437_Ant0



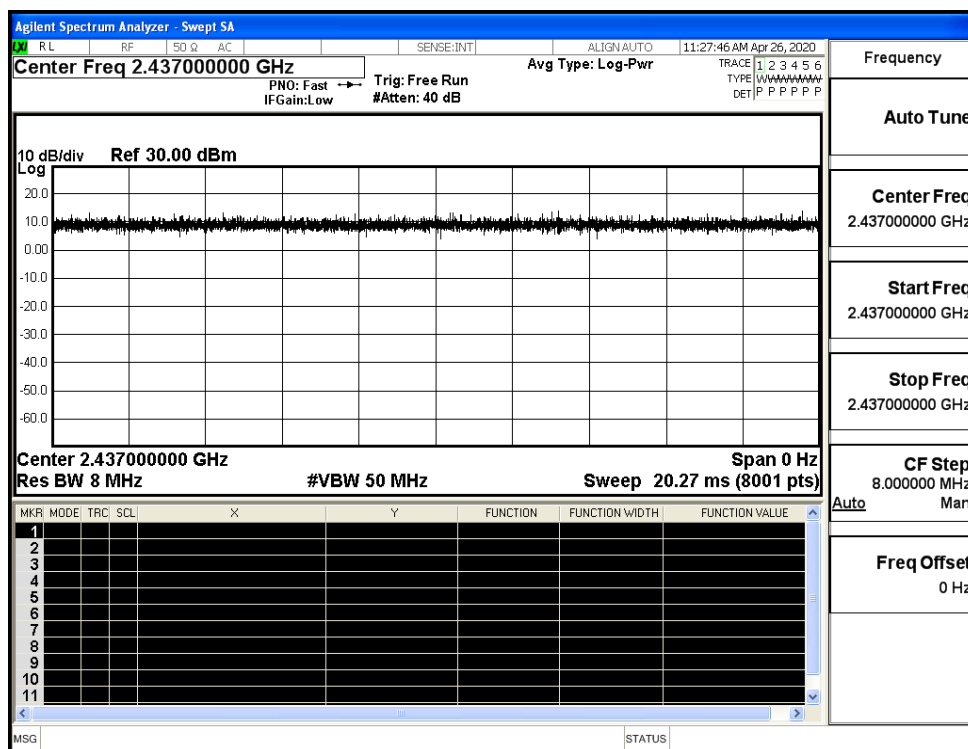
Duty Cycle_11N40SISO_2437_Ant0



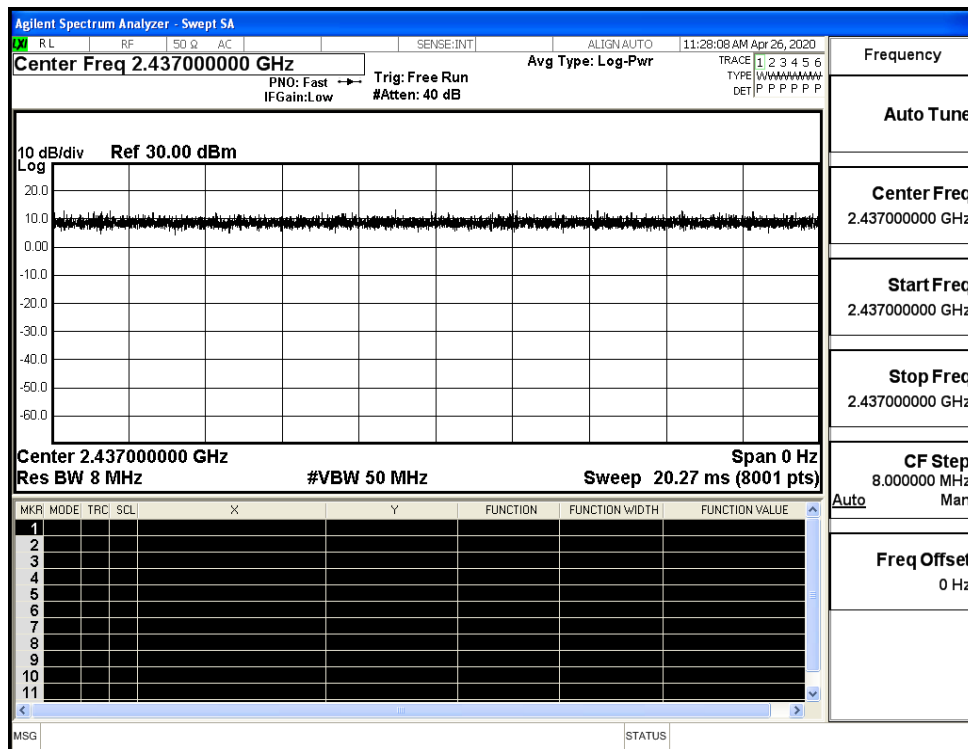
Duty Cycle_11B_2437_Ant1



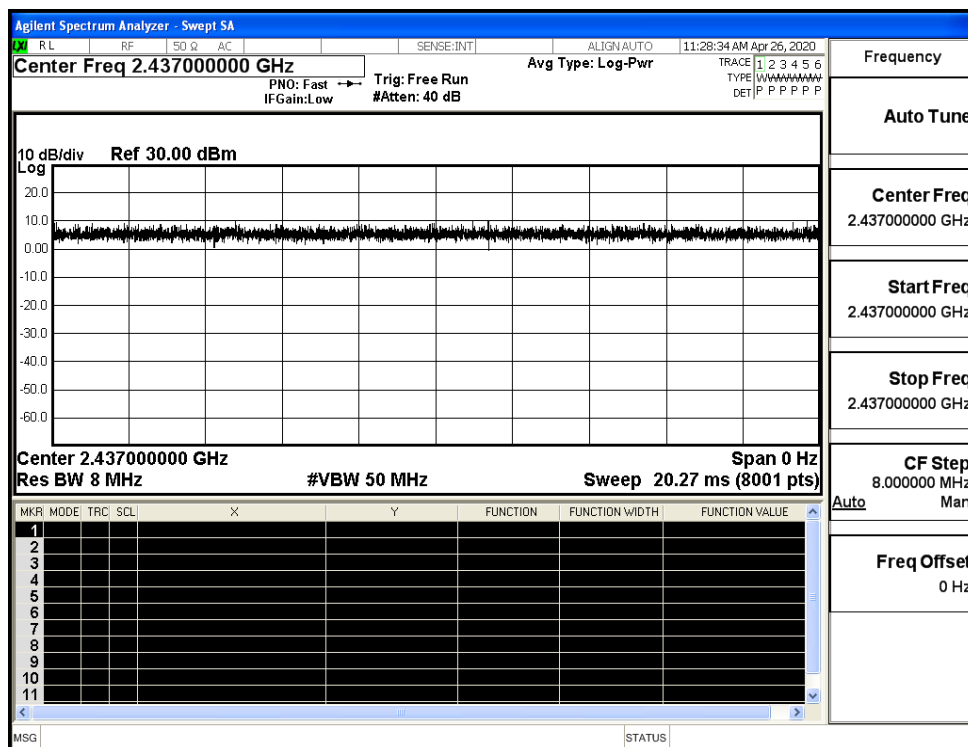
Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1



C.2 Maximum Conducted Output Power

ANT0

Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.80	30	PASS
	MCH	7.83	30	PASS
	HCH	7.65	30	PASS
11G	LCH	8.42	30	PASS
	MCH	7.97	30	PASS
	HCH	8.07	30	PASS
11N20SISO	LCH	6.22	30	PASS
	MCH	6.64	30	PASS
	HCH	6.50	30	PASS
11N40SISO	LCH	6.23	30	PASS
	MCH	6.17	30	PASS
	HCH	6.43	30	PASS

ANT1

Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	7.01	30	PASS
	MCH	7.26	30	PASS
	HCH	8.54	30	PASS
11G	LCH	7.35	30	PASS
	MCH	8.14	30	PASS
	HCH	7.39	30	PASS
11N20SISO	LCH	6.17	30	PASS
	MCH	6.28	30	PASS
	HCH	6.36	30	PASS
11N40SISO	LCH	6.49	30	PASS
	MCH	6.31	30	PASS
	HCH	6.41	30	PASS

ANT0+ANT1

Mode	Channel	Meas.Level [dBm]			Limit [dBm]	Verdict
		ANT0	ANT1	ANT0+ANT1		
11N20SISO	LCH	6.22	6.17	9.21	29.99	PASS
	MCH	6.64	6.28	9.47	29.99	PASS
	HCH	6.50	6.36	9.44	29.99	PASS
11N40SISO	LCH	6.23	6.49	9.37	29.99	PASS
	MCH	6.17	6.31	9.25	29.99	PASS
	HCH	6.43	6.41	9.43	29.99	PASS

C.3 Maximum Power Spectral Density**ANT0**

Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-16.496	8	PASS
	MCH	-16.545	8	PASS
	HCH	-16.747	8	PASS
11G	LCH	-24.248	8	PASS
	MCH	-16.444	8	PASS
	HCH	-24.969	8	PASS
11N20SISO	LCH	-24.224	8	PASS
	MCH	-16.490	8	PASS
	HCH	-24.315	8	PASS
11N40SISO	LCH	-19.800	8	PASS
	MCH	-16.300	8	PASS
	HCH	-20.368	8	PASS

ANT1

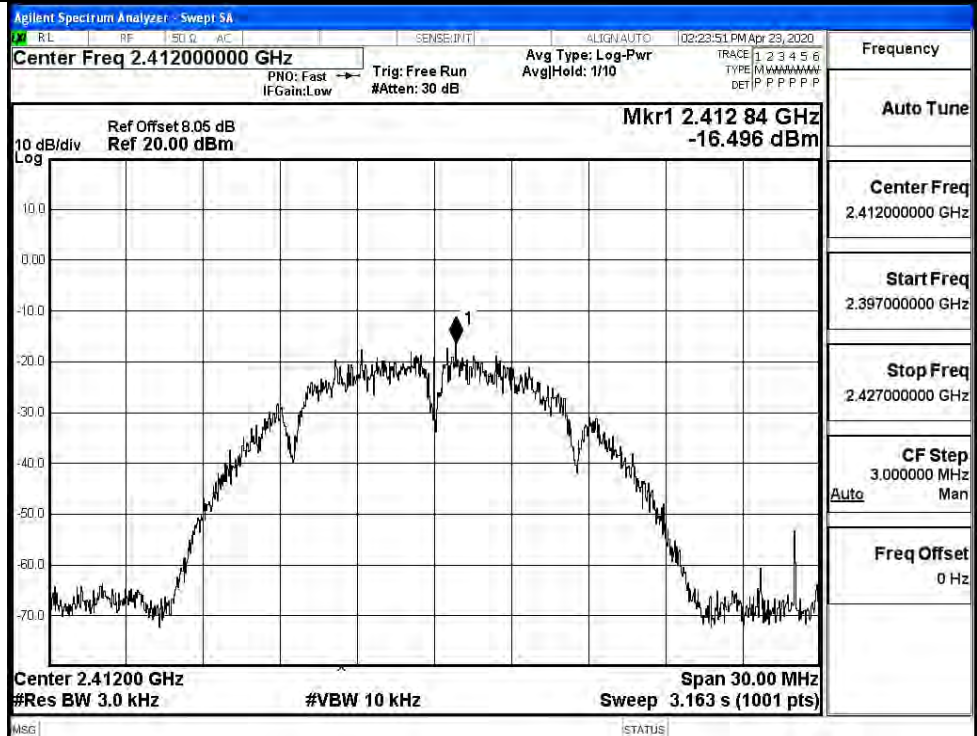
Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-15.804	8	PASS
	MCH	-18.823	8	PASS
	HCH	-17.508	8	PASS
11G	LCH	-23.869	8	PASS
	MCH	-23.894	8	PASS
	HCH	-23.978	8	PASS
11N20SISO	LCH	-24.039	8	PASS
	MCH	-24.892	8	PASS
	HCH	-23.895	8	PASS
11N40SISO	LCH	-23.467	8	PASS
	MCH	-26.711	8	PASS
	HCH	-26.299	8	PASS

ANT0+ANT1

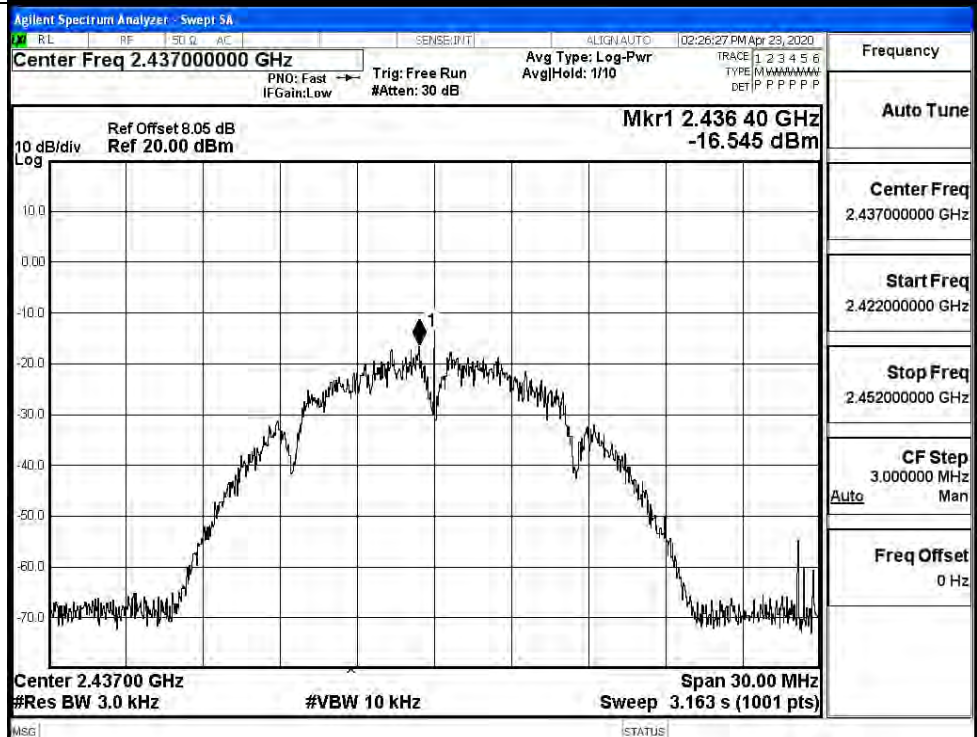
Mode	Channel	Meas.Level [dBm/3KHz]			Limit [dBm/3KHz]	Verdict
		ANT0	ANT1	ANT0+ANT1		
11N20SISO	LCH	-24.224	-24.039	-21.120	7.99	PASS
	MCH	-16.490	-24.892	-15.904	7.99	PASS
	HCH	-24.315	-23.895	-21.090	7.99	PASS
11N40SISO	LCH	-19.800	-23.467	-18.247	7.99	PASS
	MCH	-16.300	-26.711	-15.922	7.99	PASS
	HCH	-20.368	-26.299	-19.381	7.99	PASS

Test Graphs_ANT0

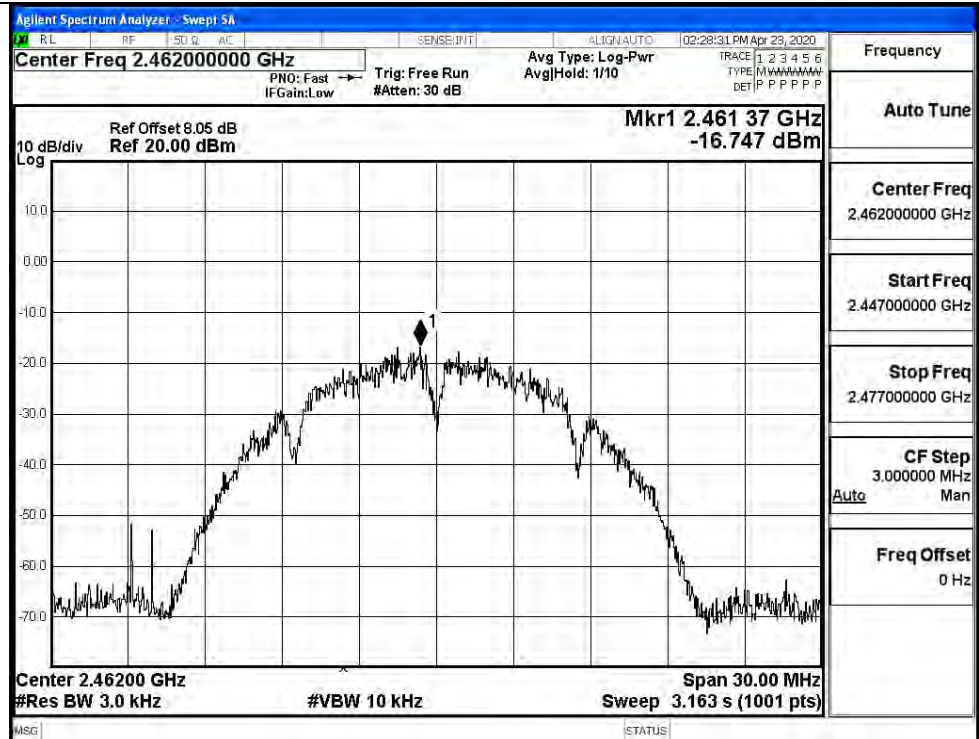
11B/LCH



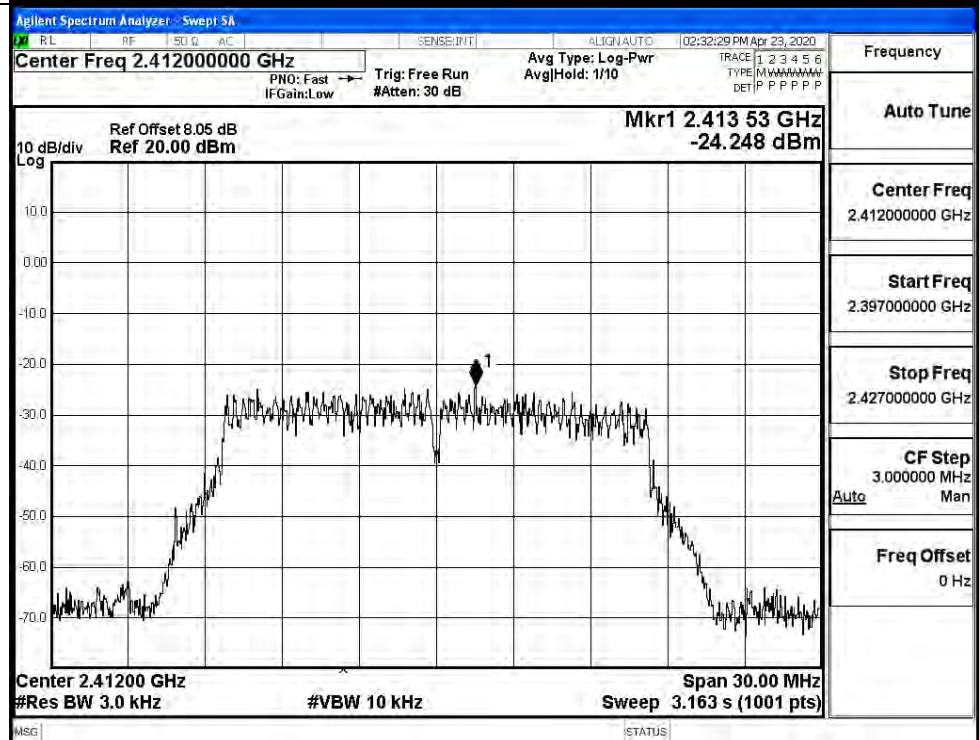
11B/MCH



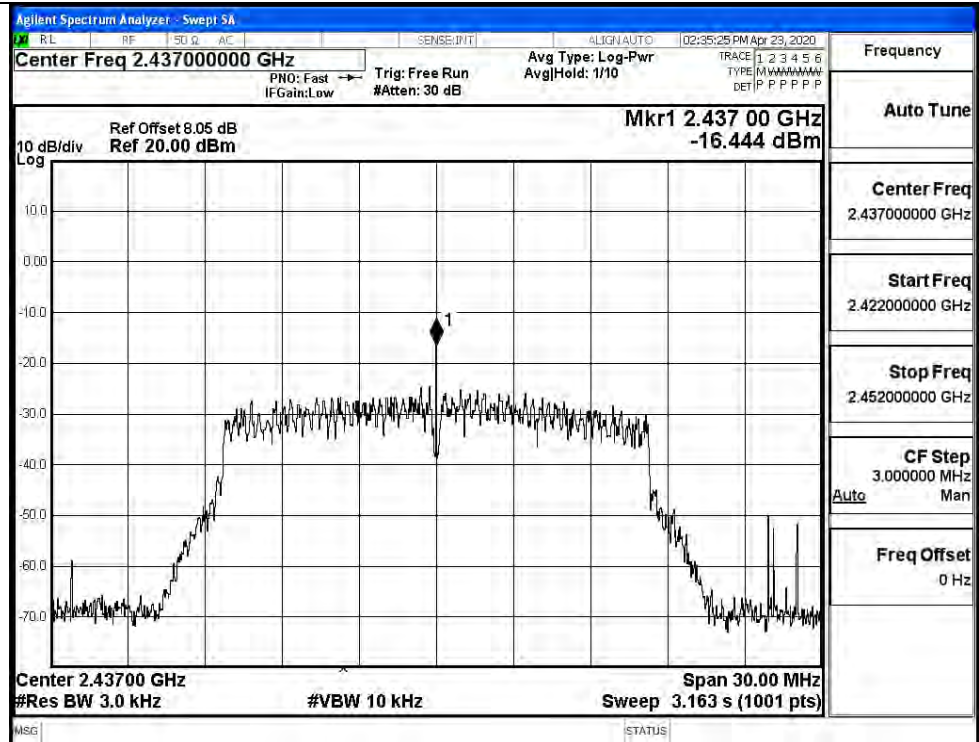
11B/HCH



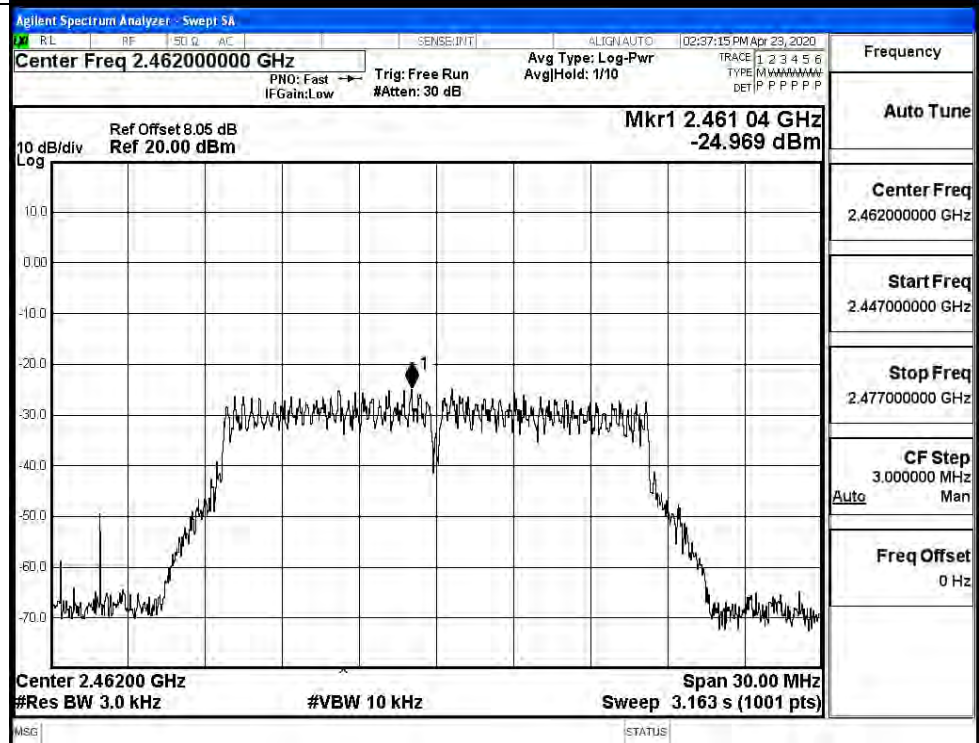
11G/LCH

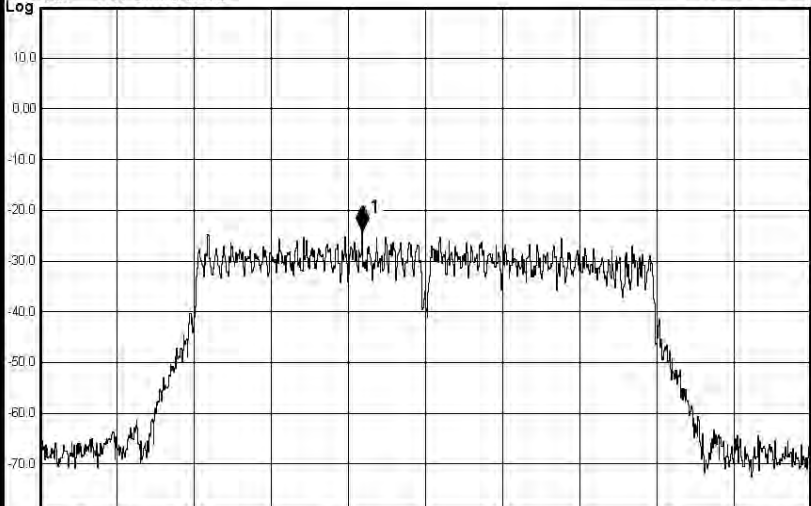
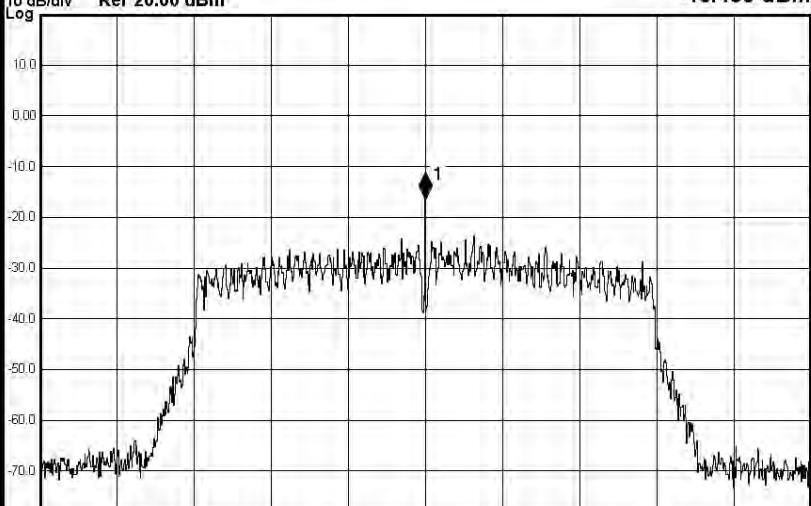


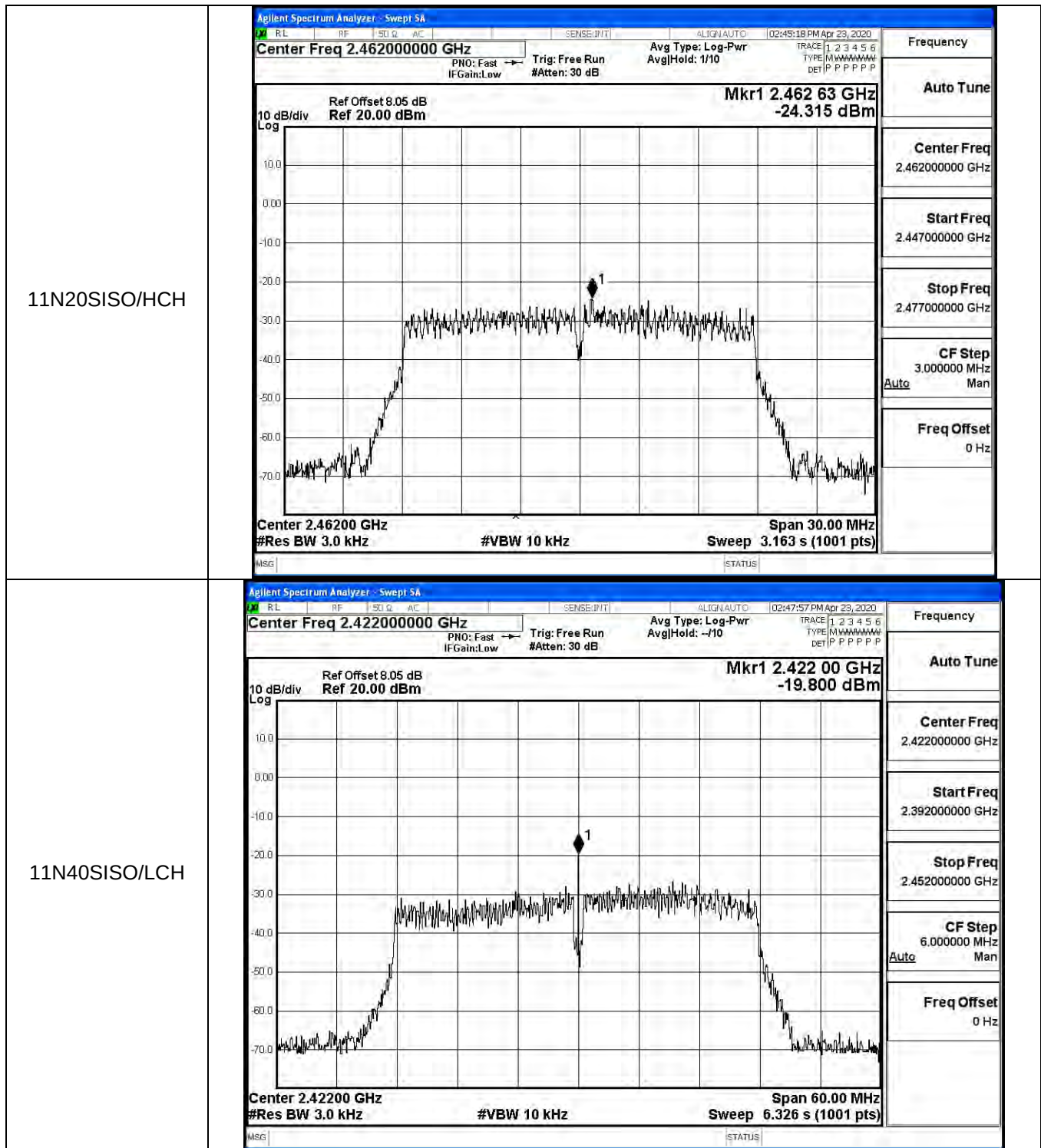
11G/MCH

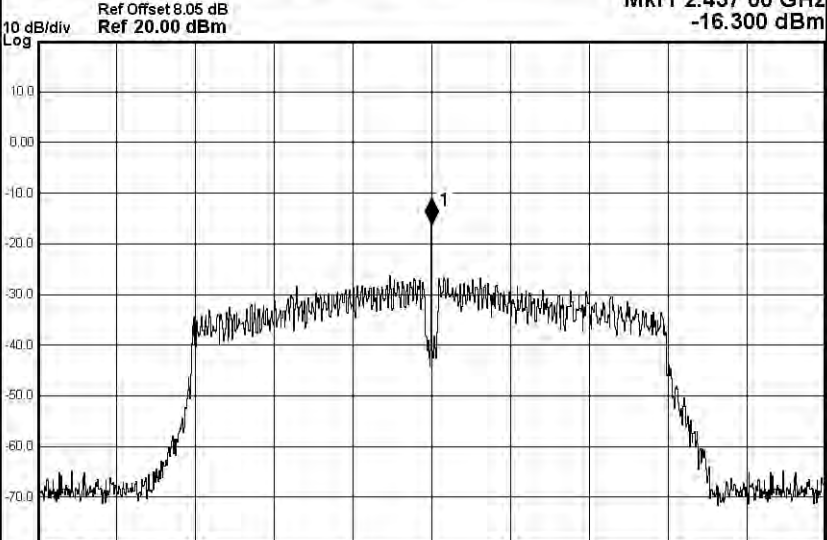
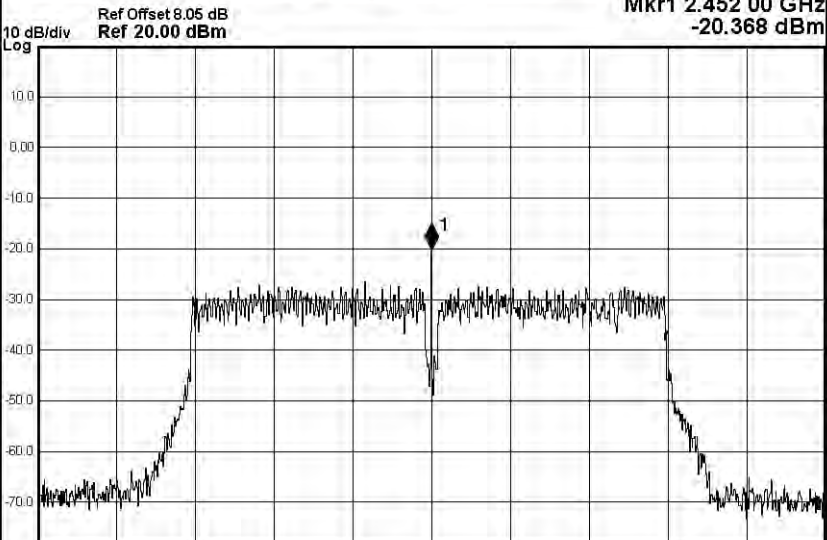


11G/HCH



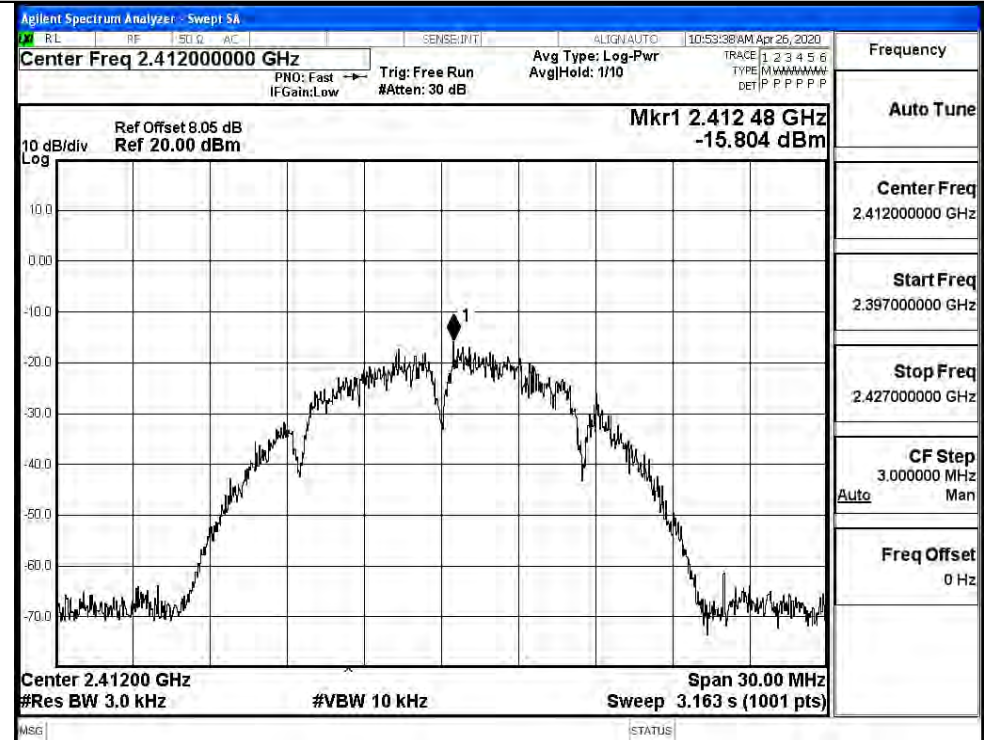
11N20SISO/LCH	Agilent Spectrum Analyzer - Swept SA RL RF SO Q AC SENSE: [P/T] ALIGN: AUTO 02:40:30 PM Apr 23, 2020 Center Freq 2.412000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 1/10 Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.409 54 GHz -24.224 dBm 10 dB/div Log  Center 2.41200 GHz Span 30.00 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts) Frequency 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	Agilent Spectrum Analyzer - Swept SA RL RF SO Q AC SENSE: [P/T] ALIGN: AUTO 02:43:41 PM Apr 23, 2020 Center Freq 2.437000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 1/10 Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.437 00 GHz -16.490 dBm 10 dB/div Log  Center 2.43700 GHz Span 30.00 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 3.163 s (1001 pts) Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.452000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz



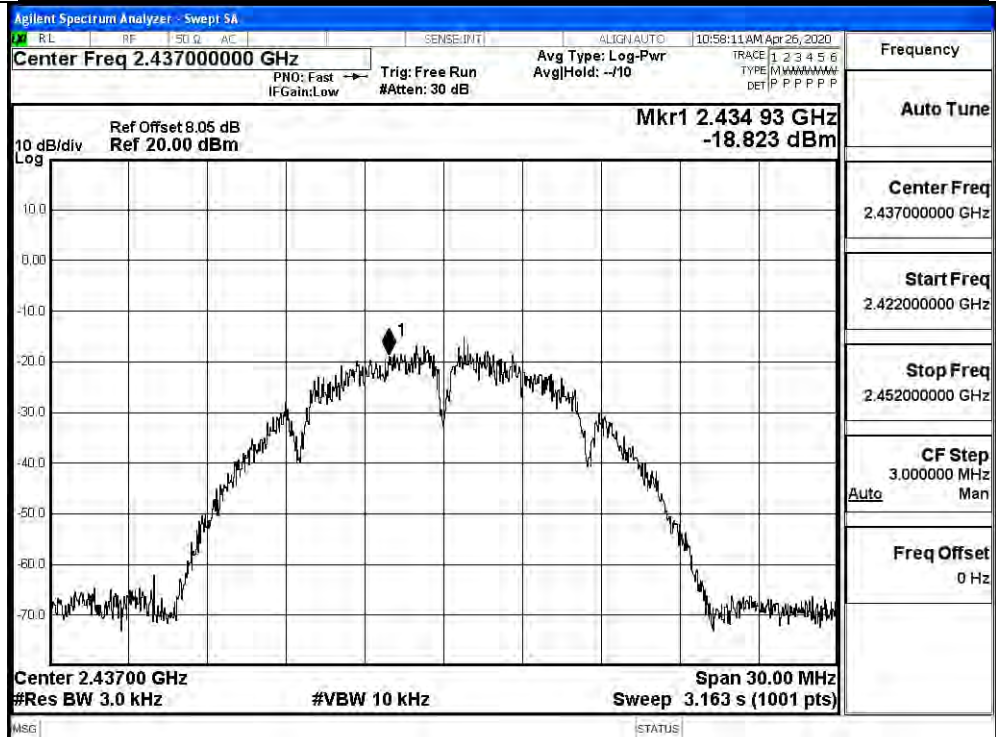
11N40SISO/MCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:IFIT ALIGN: AUTO 02:50:19 PM Apr 23, 2020 Center Freq 2.437000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: -10 Ref Offset 8.05 dB Ref 20.00 dBm 10 dB/div Log  Mkr1 2.437 00 GHz -16.300 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts) Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.407000000 GHz Stop Freq 2.467000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz	
11N40SISO/HCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:IFIT ALIGN: AUTO 02:51:56 PM Apr 23, 2020 Center Freq 2.452000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: -10 Ref Offset 8.05 dB Ref 20.00 dBm 10 dB/div Log  Mkr1 2.452 00 GHz -20.368 dBm Center 2.45200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts) Frequency Auto Tune Center Freq 2.452000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.482000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz	

Test Graphs_ANT1

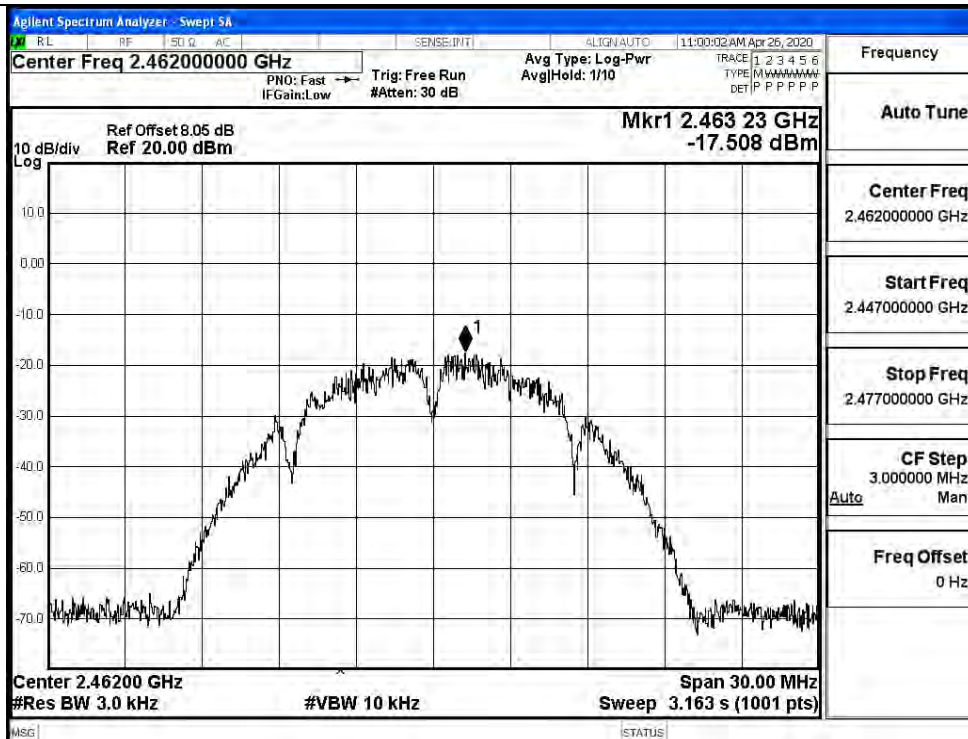
11B/LCH



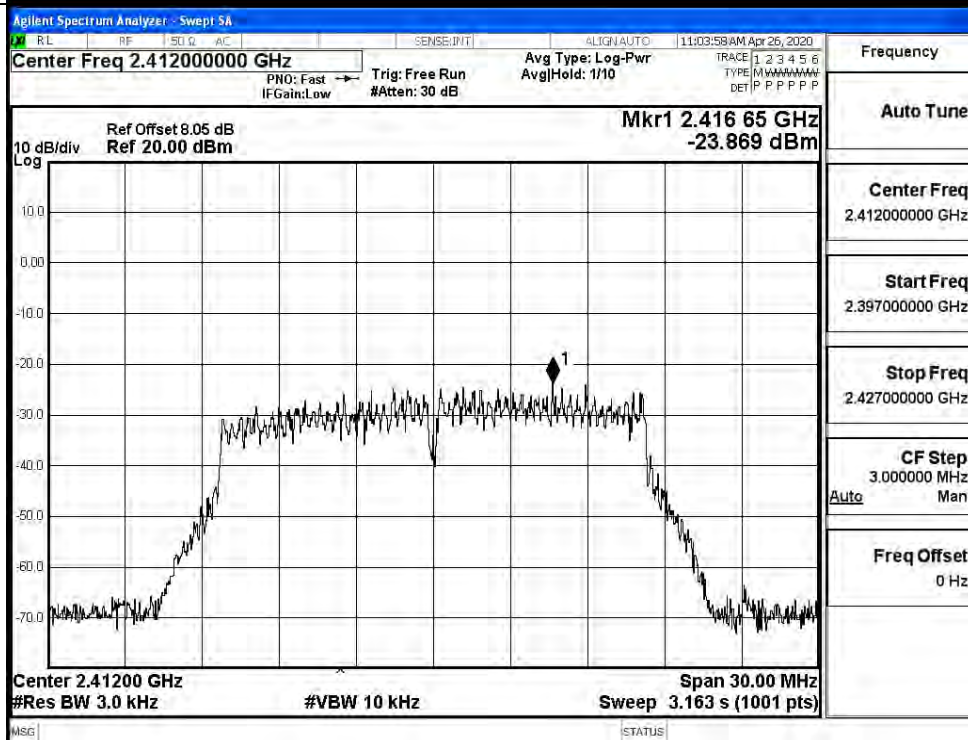
11B/MCH



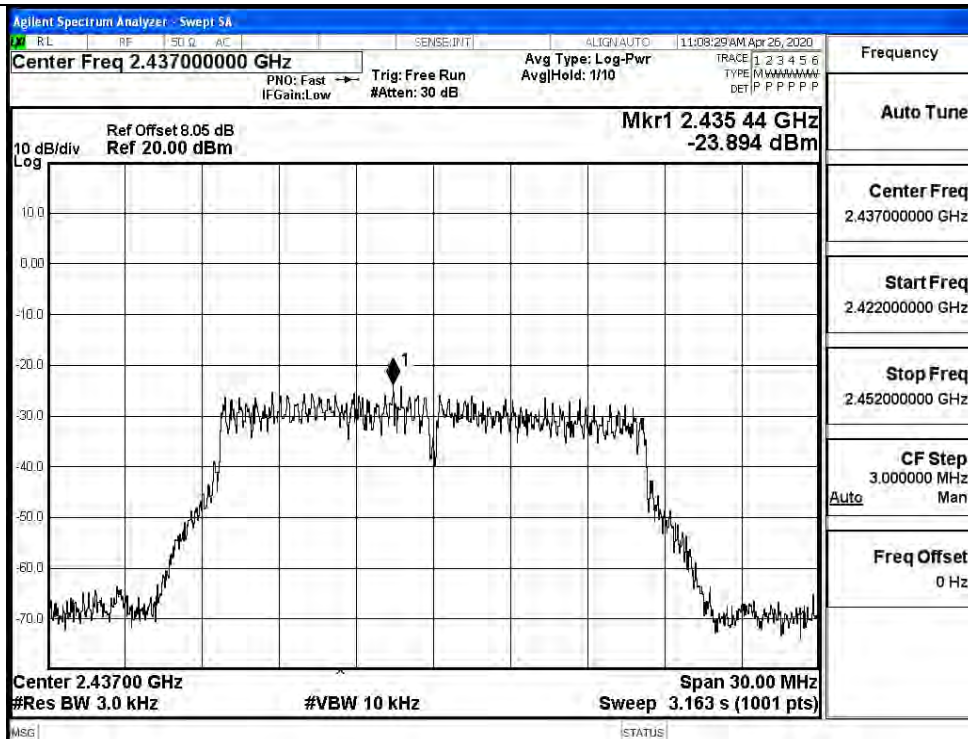
11B/HCH



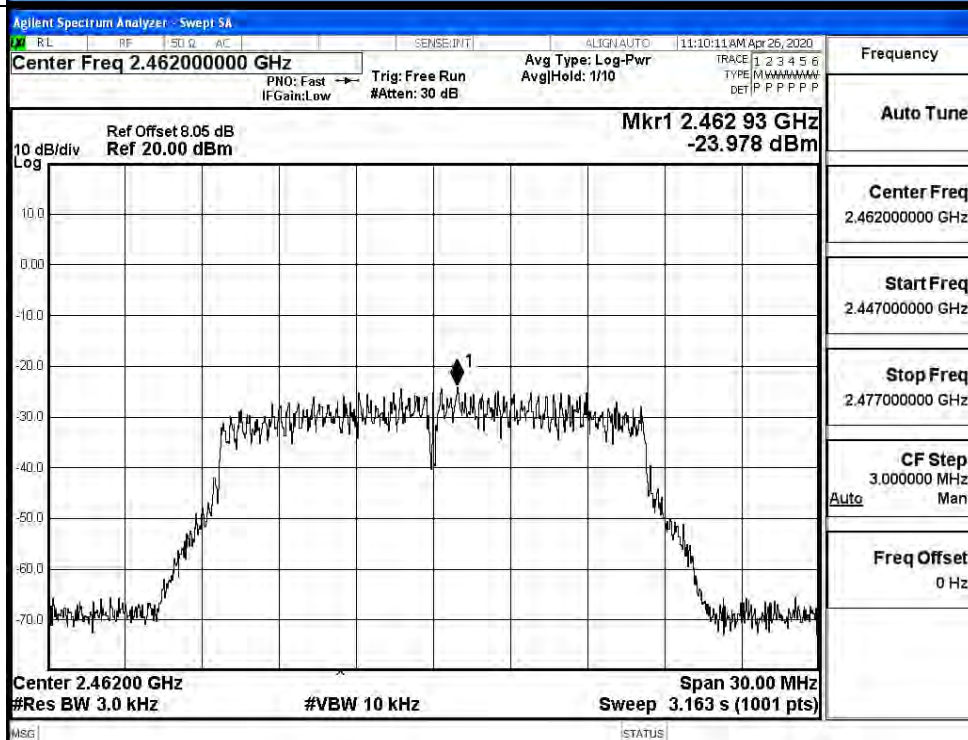
11G/LCH

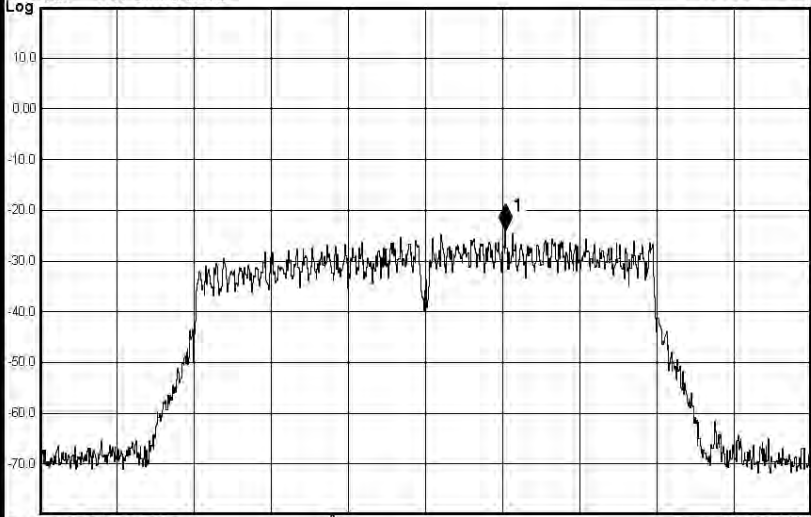
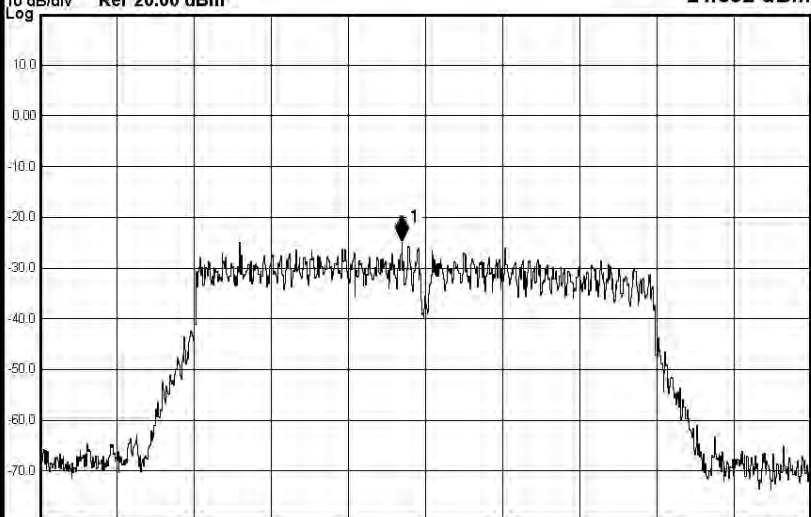


11G/MCH

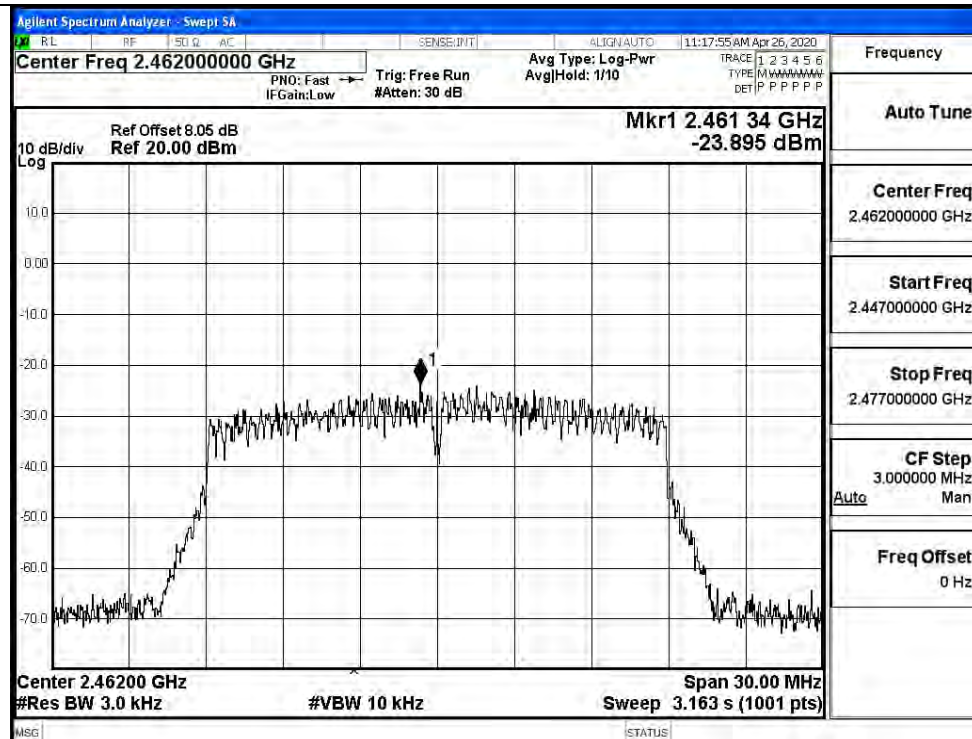


11G/HCH

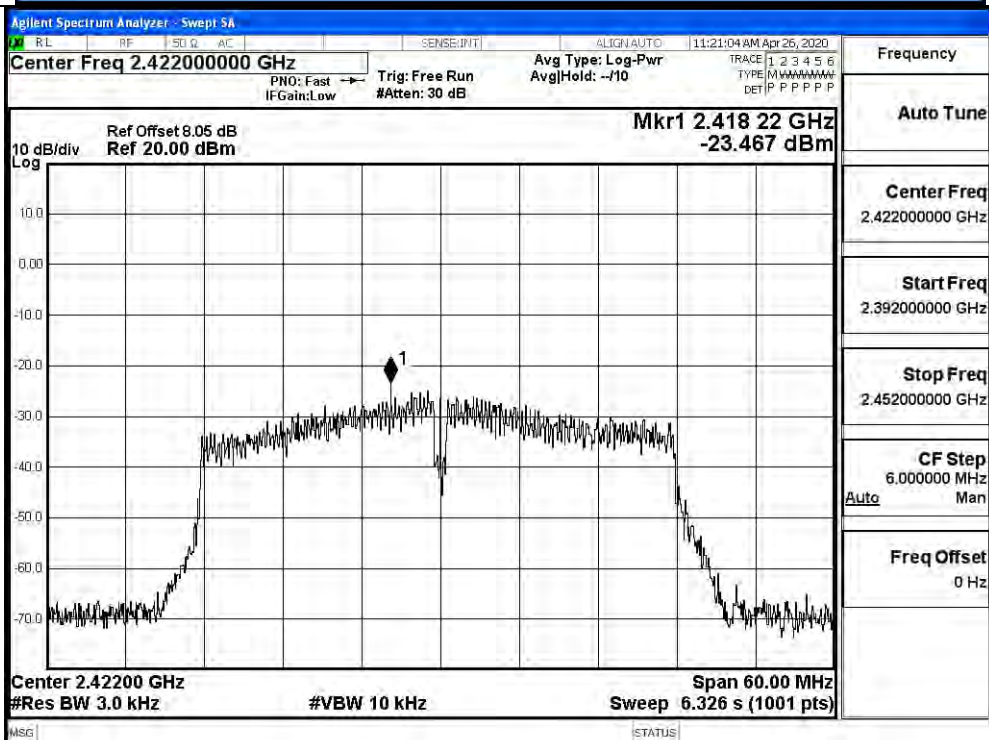


11N20SISO/LCH	Agilent Spectrum Analyzer - Swept SA RL RF SO Q AC SENSE: P/T ALIGN: AUTO 11:13:06 AM Apr 26, 2020 Center Freq 2.412000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 1/10 Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.415 12 GHz -24.039 dBm 10 dB/div Log Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 30.00 MHz Sweep 3.163 s (1001 pts) MSG STATUS  Frequency 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	Agilent Spectrum Analyzer - Swept SA RL RF SO Q AC SENSE: P/T ALIGN: AUTO 11:15:56 AM Apr 26, 2020 Center Freq 2.437000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHold: 1/10 Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.436 10 GHz -24.892 dBm 10 dB/div Log Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 30.00 MHz Sweep 3.163 s (1001 pts) MSG STATUS  Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.452000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

11N20SISO/HCH



11N40SISO/LCH



11N40SISO/MCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE: IF IT ALIGN: AUTO 11:23:34 AM Apr 26, 2020 Center Freq 2.437000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: -/10 TRACE 1 2 3 4 5 6 TYPE: M M M M M M M M DETP: P P P P P P Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.434 24 GHz -26.711 dBm 10 dB/div Log Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 60.00 MHz Sweep 6.326 s (1001 pts) MSG STATUS
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Frequency

Auto Tune

Center Freq 2.437000000 GHz

Start Freq 2.407000000 GHz

Stop Freq 2.467000000 GHz

CF Step 6.000000 MHz

Auto Man

Freq Offset 0 Hz

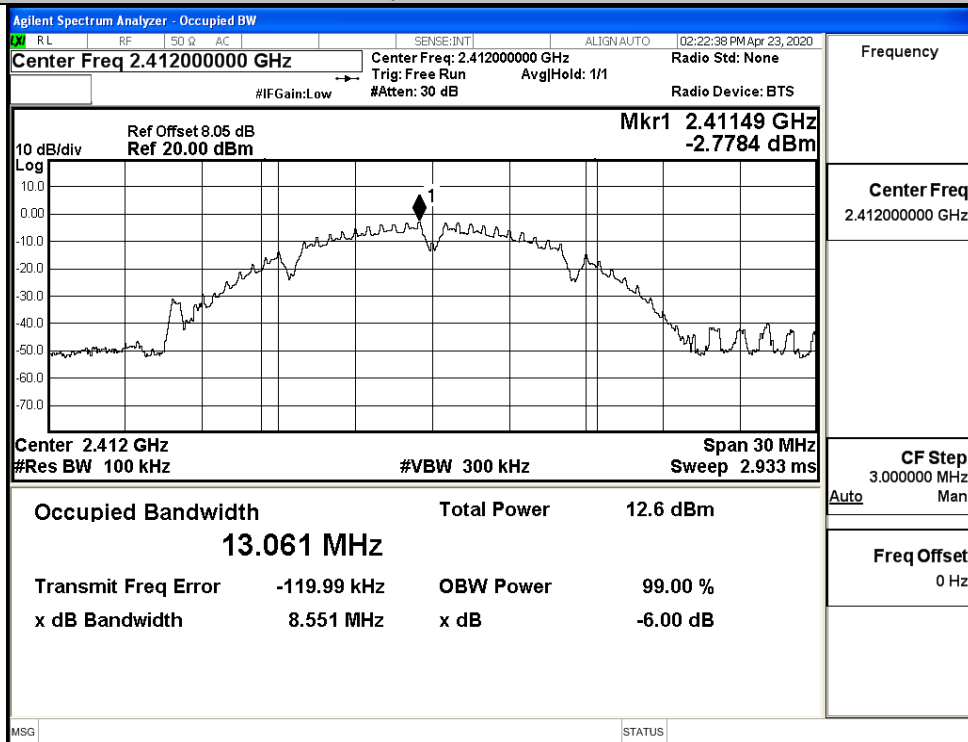
C.4 6dB Bandwidth

ANT0

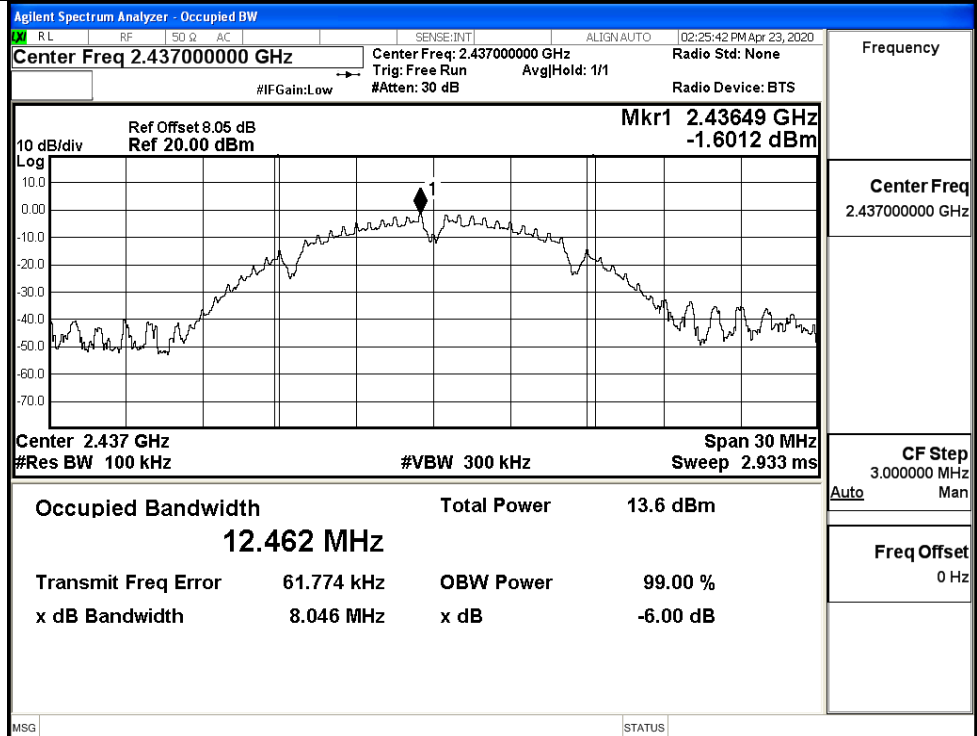
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	8.551	≥ 0.5	PASS
	MCH	8.046	≥ 0.5	PASS
	HCH	8.072	≥ 0.5	PASS
11G	LCH	16.46	≥ 0.5	PASS
	MCH	15.87	≥ 0.5	PASS
	HCH	16.41	≥ 0.5	PASS
11N20SISO	LCH	17.77	≥ 0.5	PASS
	MCH	16.80	≥ 0.5	PASS
	HCH	17.72	≥ 0.5	PASS
11N40SISO	LCH	35.99	≥ 0.5	PASS
	MCH	27.04	≥ 0.5	PASS
	HCH	35.13	≥ 0.5	PASS

Test Graphs

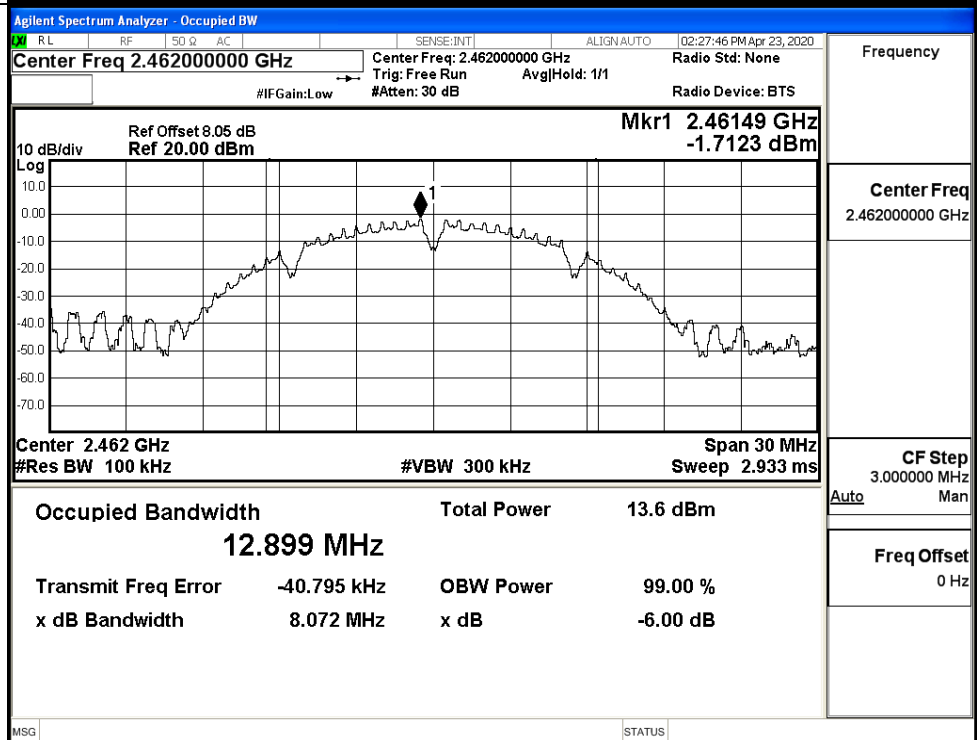
11B/LCH



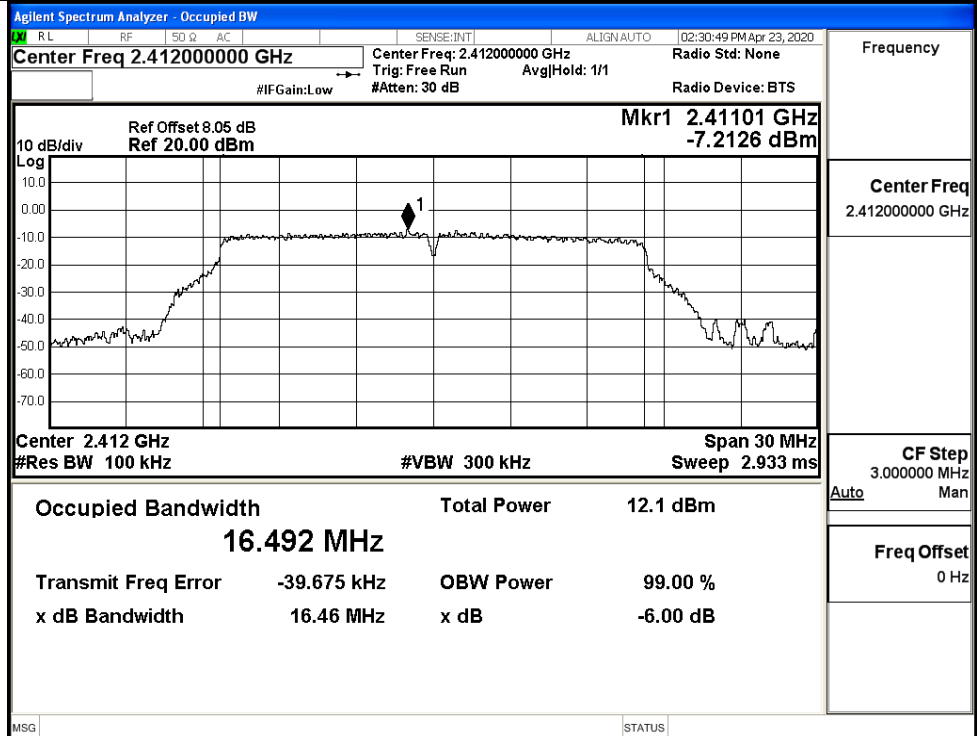
11B/MCH



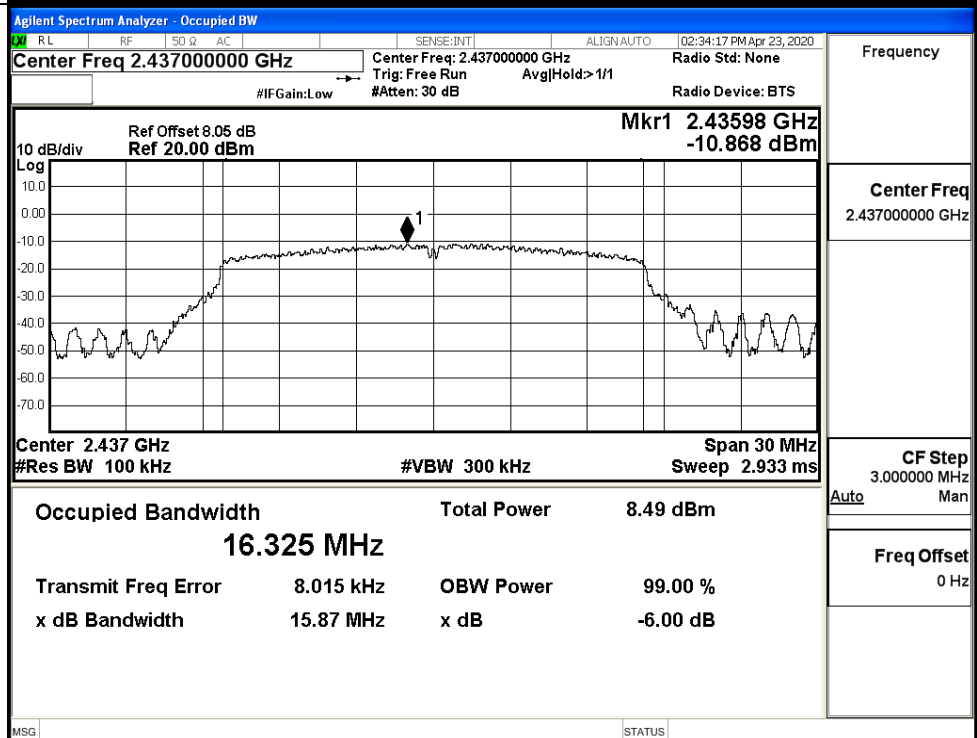
11B/HCH



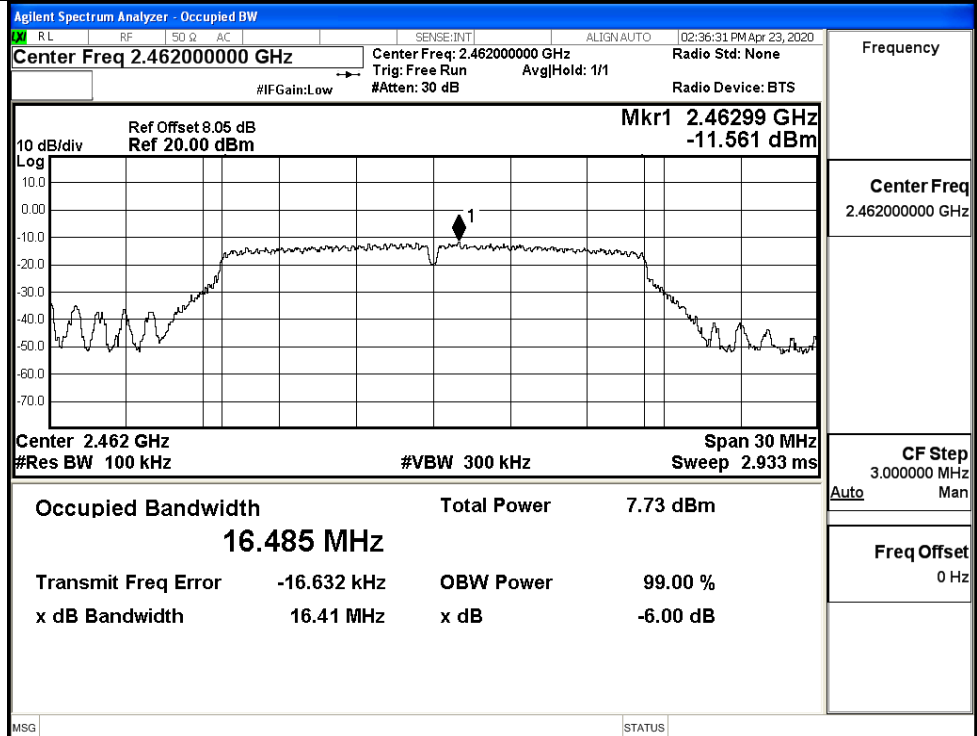
11G/LCH



11G/MCH



11G/HCH



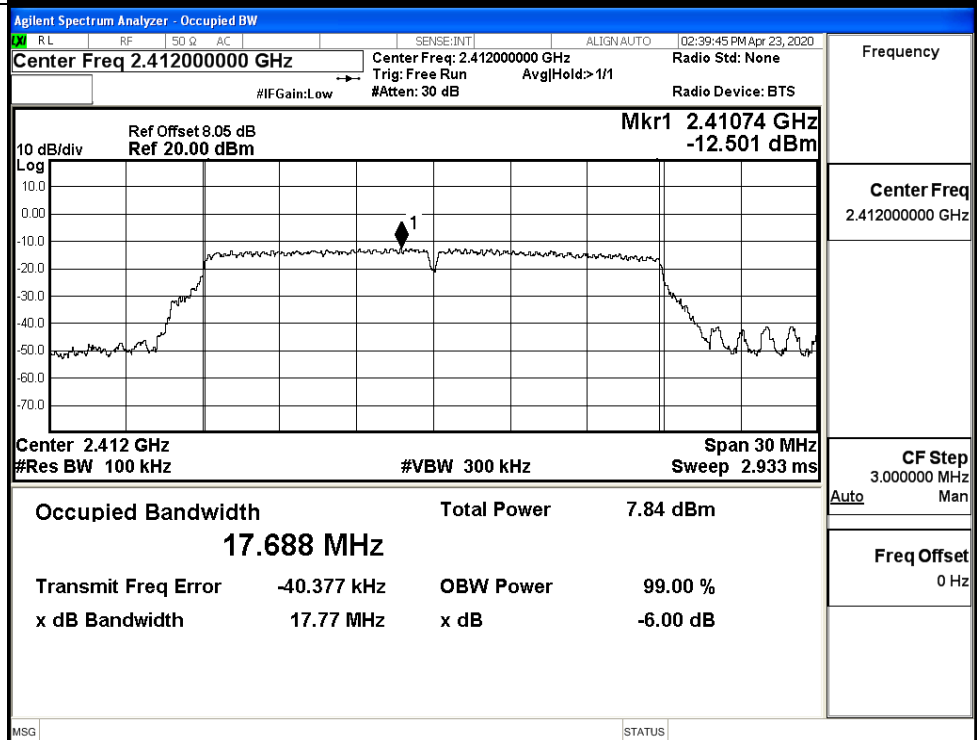
Frequency

Center Freq
2.46200000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/LCH



Frequency

Center Freq
2.41200000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/MCH

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.43700000 GHz

Trig: Free Run Avg/Hold: 1/1

#IF Gain: Low #Atten: 30 dB

Radio Device: BTS

Frequency

Center Freq 2.437000000 GHz

CF Step 3.000000 MHz

Auto Man

Freq Offset 0 Hz

MSG STATUS

Ref Offset 8.05 dB Ref 20.00 dBm

Mkr1 2.4376 GHz -11.771 dBm

Center 2.437 GHz Span 30 MHz

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

Occupied Bandwidth	Total Power	7.58 dBm
17.492 MHz		
Transmit Freq Error	5.907 kHz	OBW Power 99.00 %
x dB Bandwidth	16.80 MHz	x dB -6.00 dB

11N20SISO/HCH

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.462000000 GHz

Trig: Free Run Avg/Hold: 1/1

#IF Gain: Low #Atten: 30 dB

Radio Device: BTS

Frequency

Center Freq 2.462000000 GHz

CF Step 3.000000 MHz

Auto Man

Freq Offset 0 Hz

MSG STATUS

Ref Offset 8.05 dB Ref 20.00 dBm

Mkr1 2.46047 GHz -12.472 dBm

Center 2.462 GHz Span 30 MHz

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

Occupied Bandwidth	Total Power	7.60 dBm
17.644 MHz		
Transmit Freq Error	-6.431 kHz	OBW Power 99.00 %
x dB Bandwidth	17.72 MHz	x dB -6.00 dB

11N40SISO/LCH

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.422000000 GHz

Trig: Free Run Avg/Hold: 1/1

Radio Device: BTS

Ref Offset 8.05 dB

Ref 20.00 dBm

Mkr1 2.4304 GHz -14.038 dBm

10 dB/div

Log

Center 2.422 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 60 MHz

Sweep 5.8 ms

Occupied Bandwidth

Total Power

7.88 dBm

36.108 MHz

Transmit Freq Error

71.624 kHz

OBW Power

99.00 %

x dB Bandwidth

35.99 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

Center Freq 2.437000000 GHz

Trig: Free Run Avg/Hold: 1/1

Radio Device: BTS

Ref Offset 8.05 dB

Ref 20.00 dBm

Mkr1 2.4391 GHz -13.203 dBm

10 dB/div

Log

Center 2.437 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 60 MHz

Sweep 5.8 ms

Occupied Bandwidth

Total Power

8.17 dBm

35.441 MHz

Transmit Freq Error

-24.041 kHz

OBW Power

99.00 %

x dB Bandwidth

27.04 MHz

x dB

-6.00 dB

MSG

STATUS

Frequency

Center Freq

2.437000000 GHz

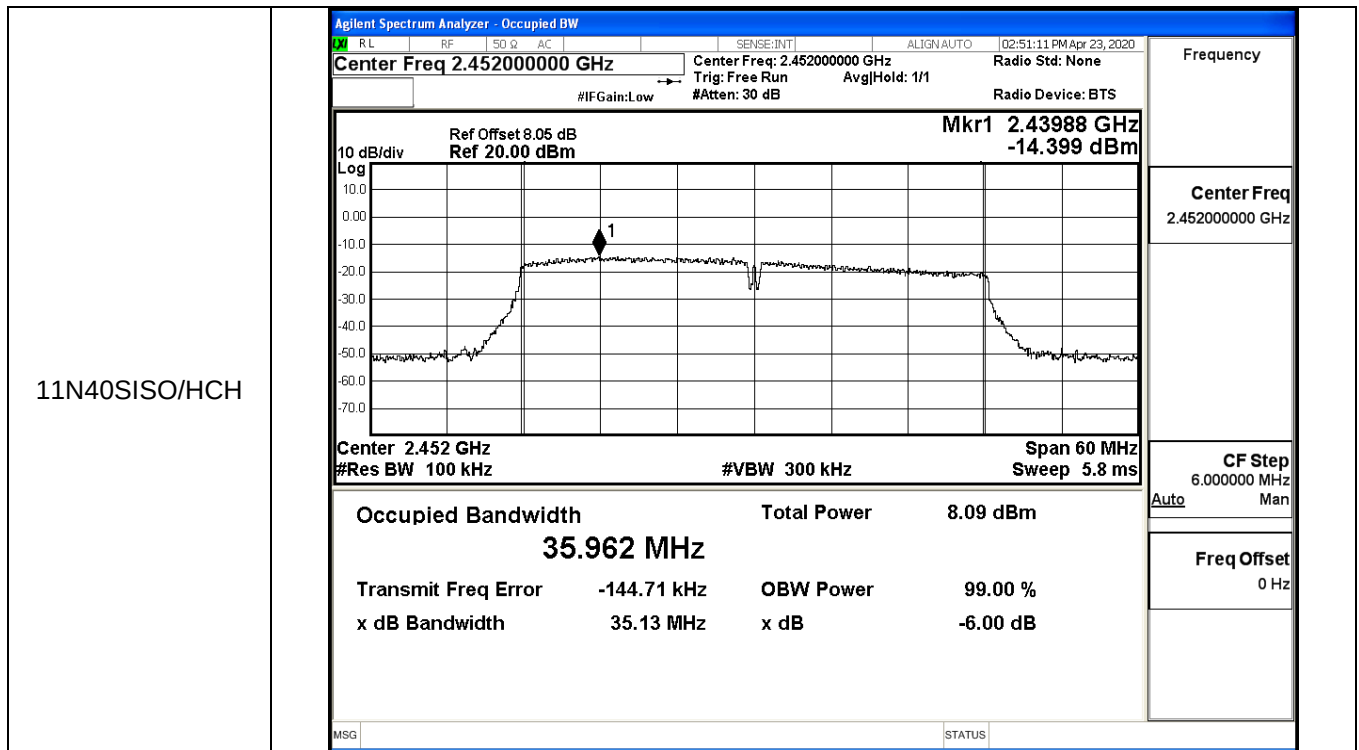
CF Step

6.000000 MHz

Auto Man

Freq Offset

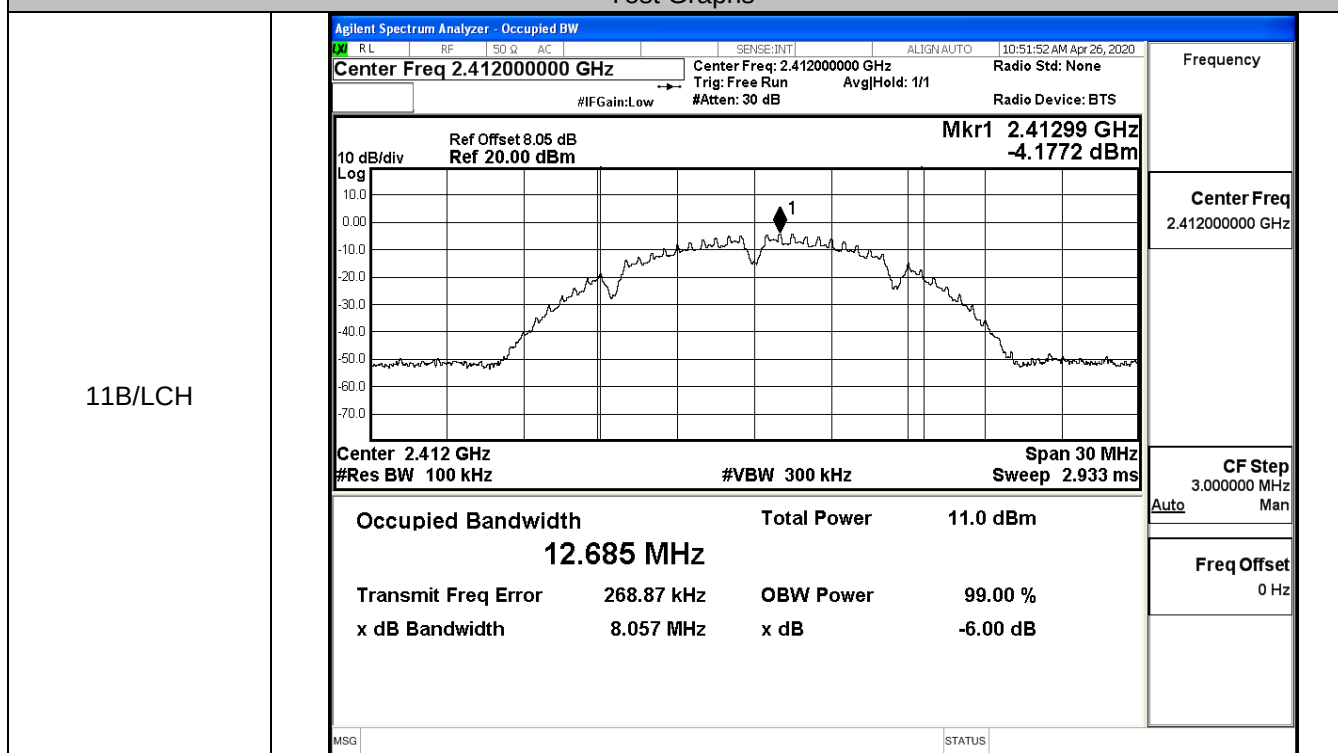
0 Hz



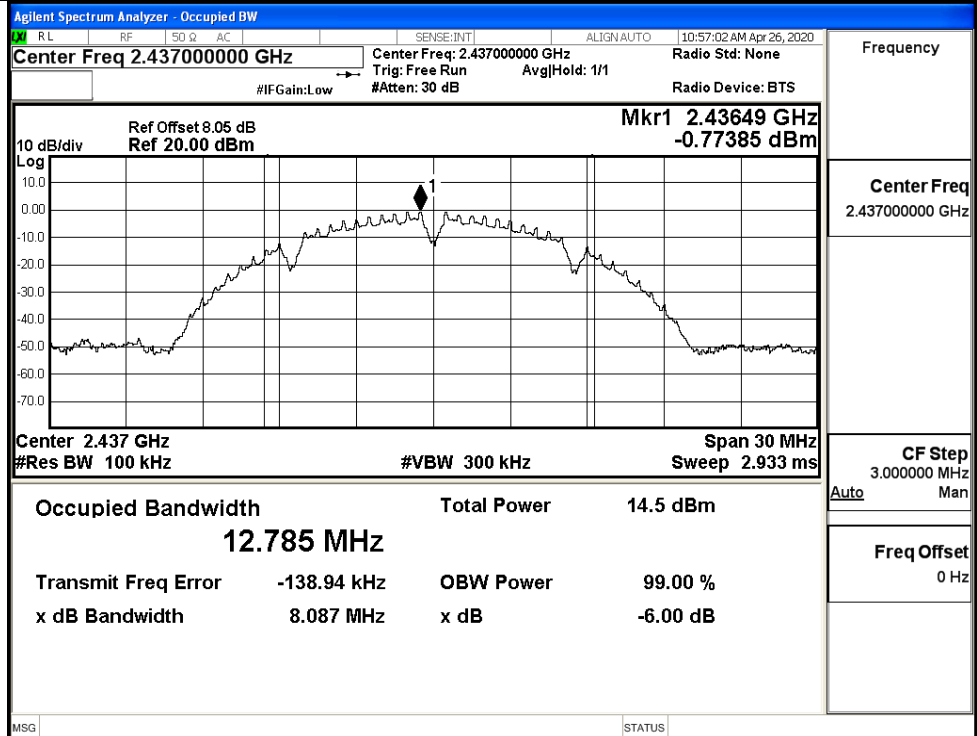
ANT1

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	8.057	≥ 0.5	PASS
	MCH	8.087	≥ 0.5	PASS
	HCH	7.579	≥ 0.5	PASS
11G	LCH	15.61	≥ 0.5	PASS
	MCH	16.46	≥ 0.5	PASS
	HCH	15.68	≥ 0.5	PASS
11N20SISO	LCH	16.17	≥ 0.5	PASS
	MCH	17.68	≥ 0.5	PASS
	HCH	16.34	≥ 0.5	PASS
11N40SISO	LCH	25.34	≥ 0.5	PASS
	MCH	36.13	≥ 0.5	PASS
	HCH	36.17	≥ 0.5	PASS

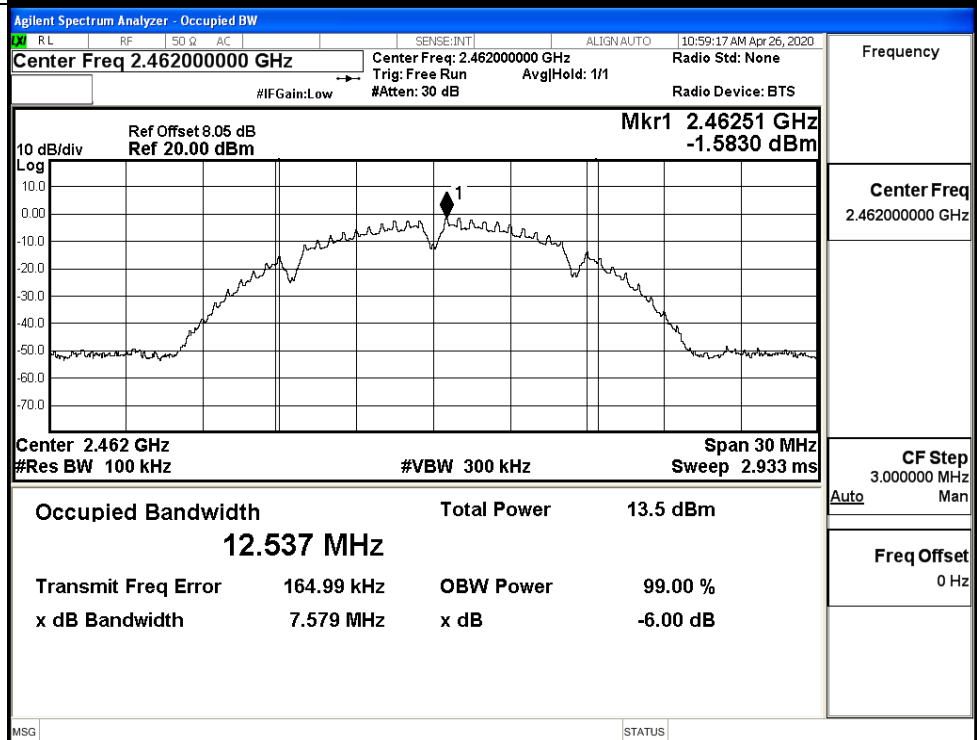
Test Graphs



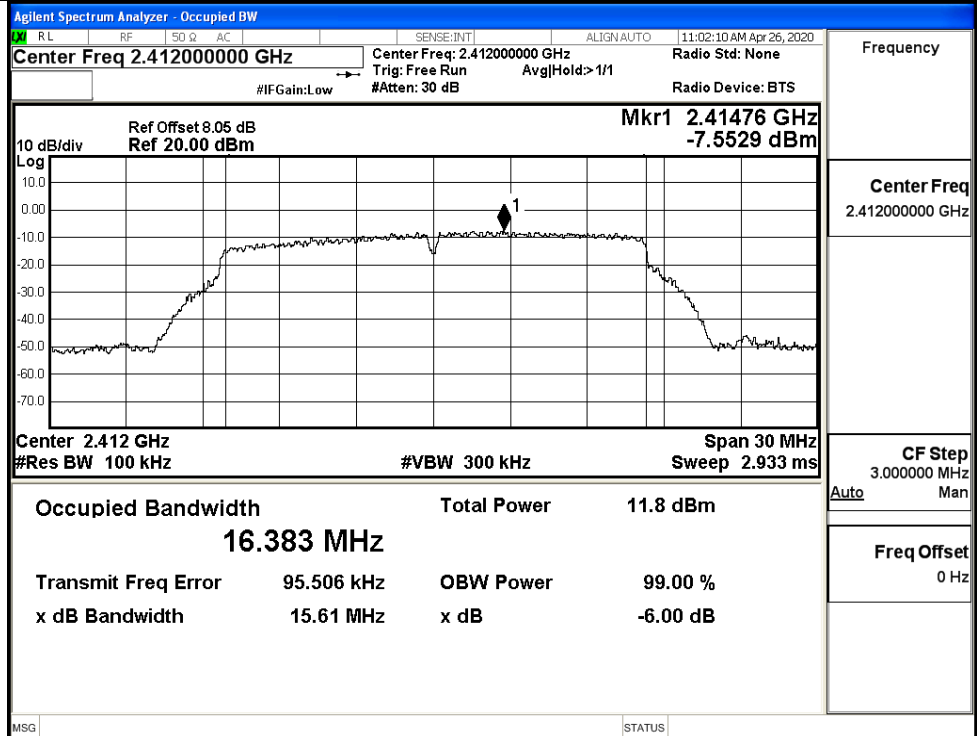
11B/MCH



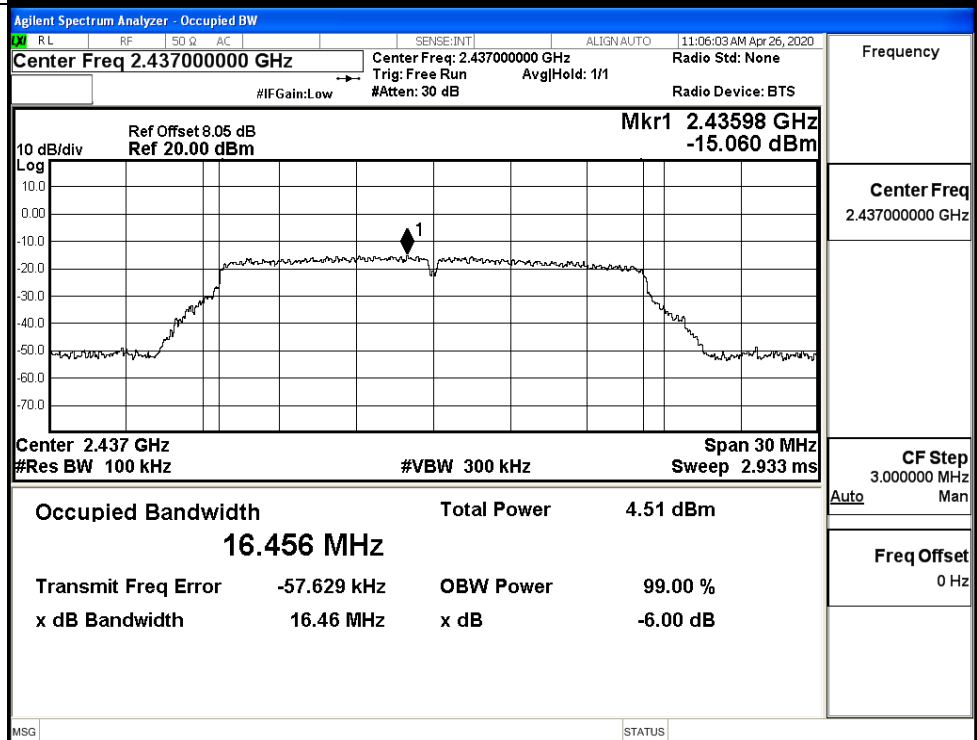
11B/HCH



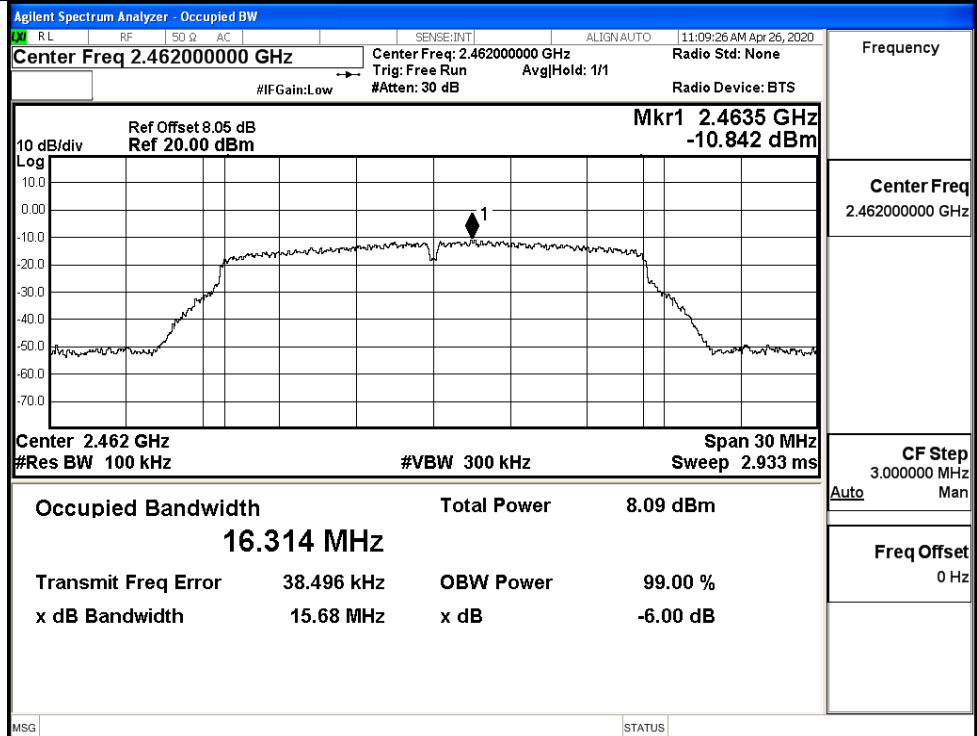
11G/LCH



11G/MCH



11G/HCH



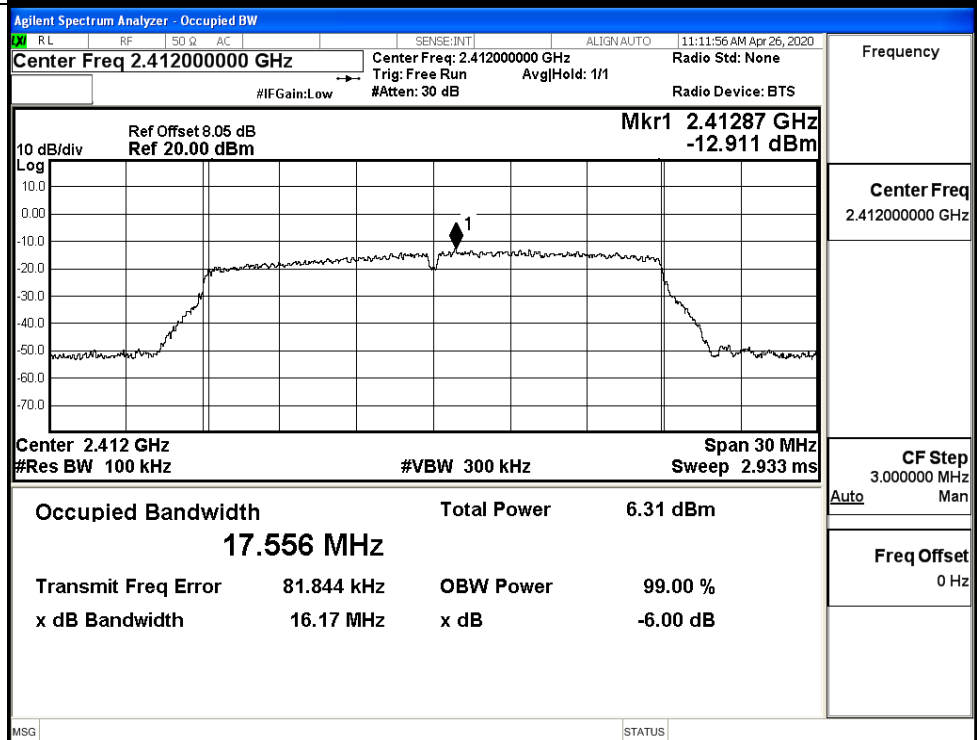
Frequency

Center Freq
2.46200000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/LCH

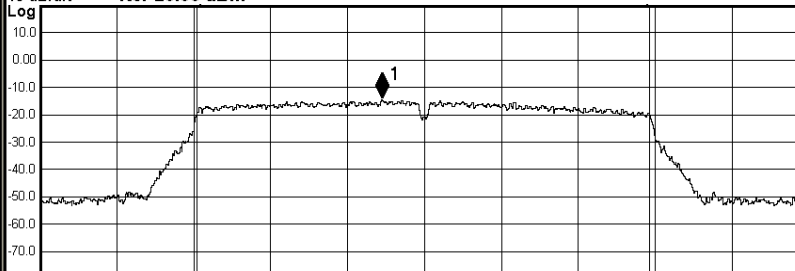
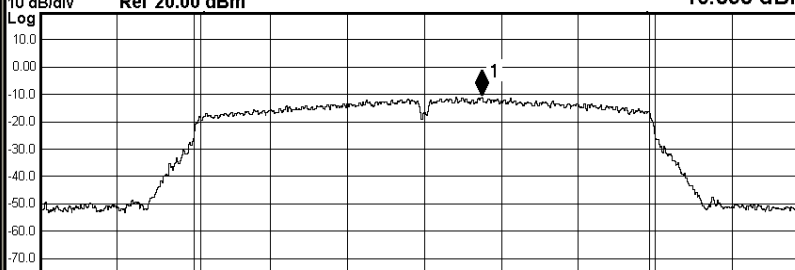


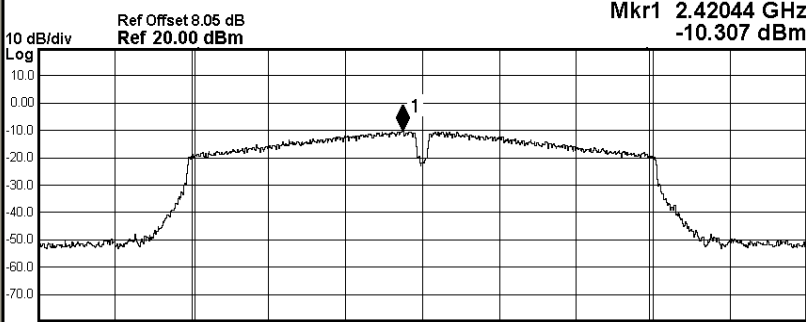
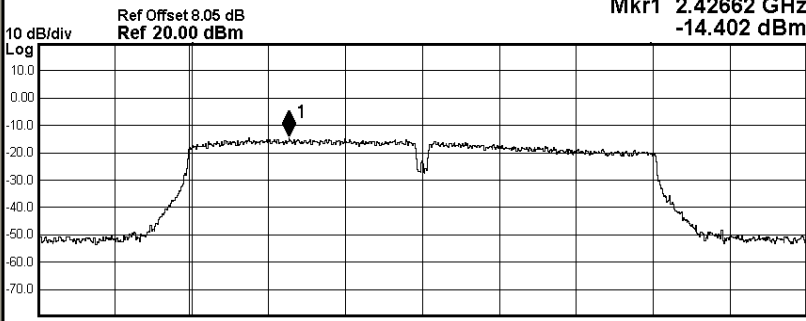
Frequency

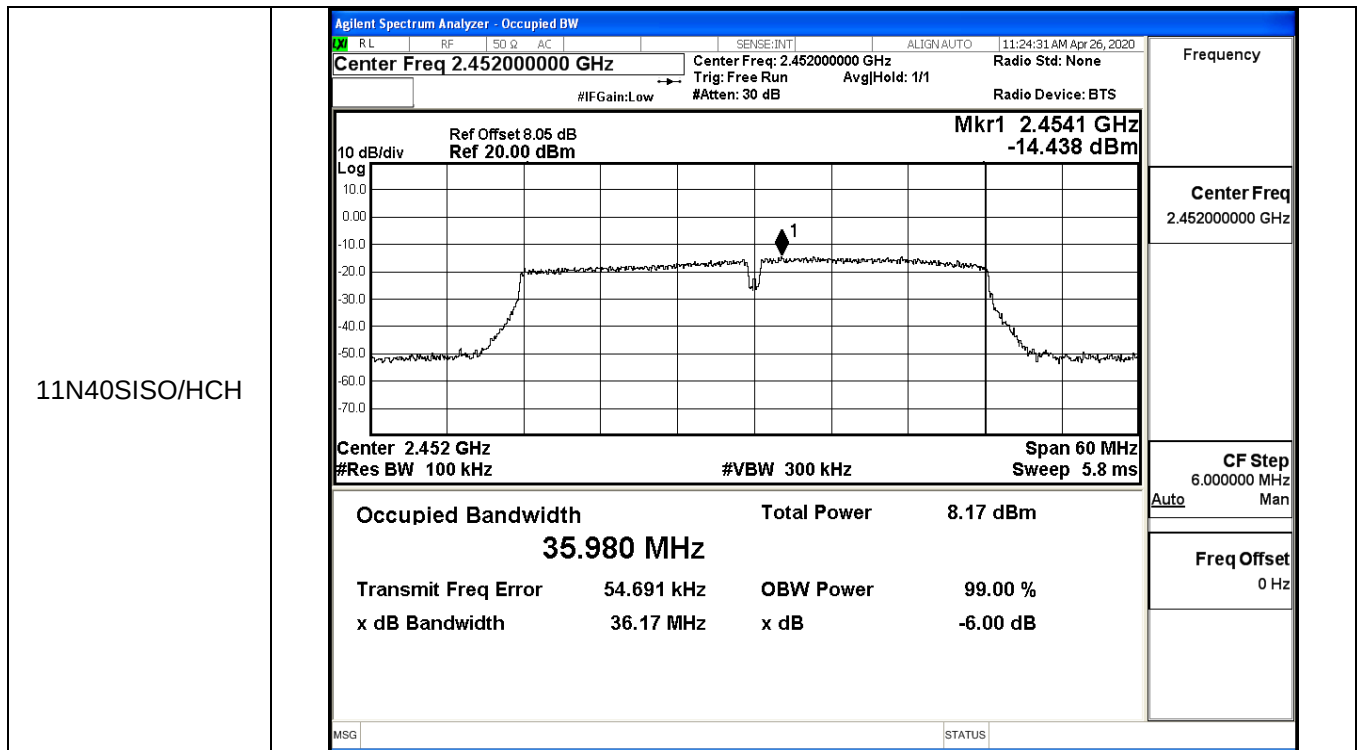
Center Freq
2.41200000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

11N20SISO/MCH	Agilent Spectrum Analyzer - Occupied BW RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 11:14:47 AM Apr 26, 2020 Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 30 dB Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.43535 GHz -14.481 dBm  Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.627 MHz Total Power 5.33 dBm Transmit Freq Error -48.518 kHz OBW Power 99.00 % x dB Bandwidth 17.68 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 RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 11:17:10 AM Apr 26, 2020 Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS #IF Gain: Low #Atten: 30 dB Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.46425 GHz -10.898 dBm  Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.490 MHz Total Power 8.16 dBm Transmit Freq Error 28.734 kHz OBW Power 99.00 % x dB Bandwidth 16.34 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 Center Freq 2.422000000 GHz Ref Offset 8.05 dB Ref 20.00 dBm  Center 2.422 GHz #Res BW 100 kHz Span 60 MHz Sweep 5.8 ms Occupied Bandwidth 35.389 MHz Total Power 11.1 dBm Transmit Freq Error -30.085 kHz OBW Power 99.00 % x dB Bandwidth 25.34 MHz x dB -6.00 dB
11N40SISO/MCH	Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 8.05 dB Ref 20.00 dBm  Center 2.437 GHz #Res BW 100 kHz Span 60 MHz Sweep 5.8 ms Occupied Bandwidth 36.055 MHz Total Power 7.97 dBm Transmit Freq Error -83.486 kHz OBW Power 99.00 % x dB Bandwidth 36.13 MHz x dB -6.00 dB

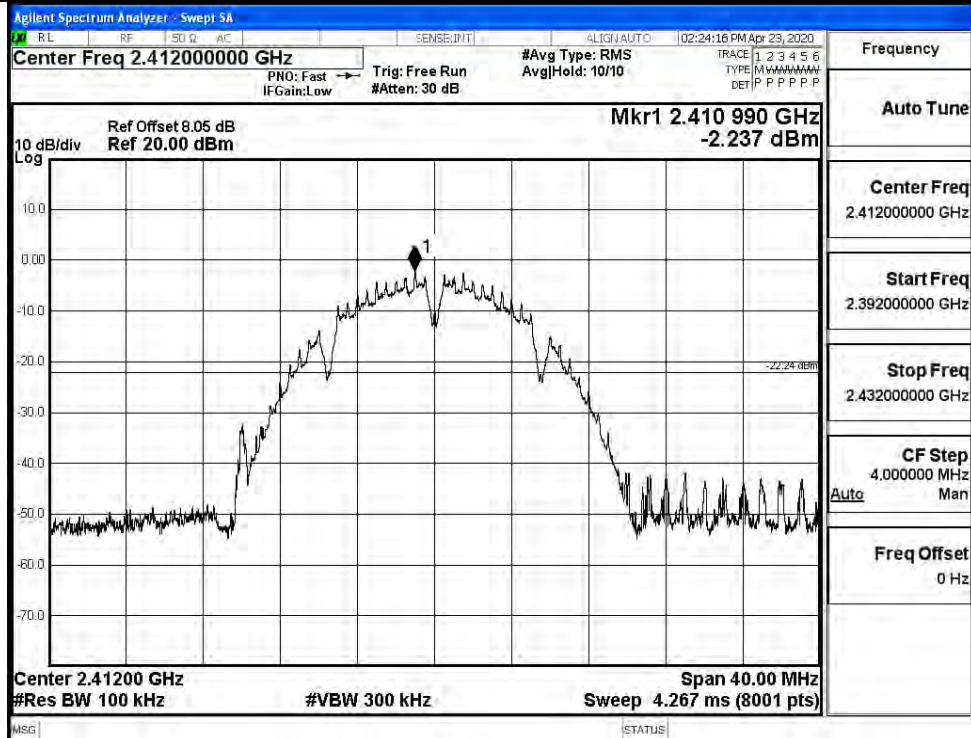


C.5 RF Conducted Spurious Emissions**ANT0**

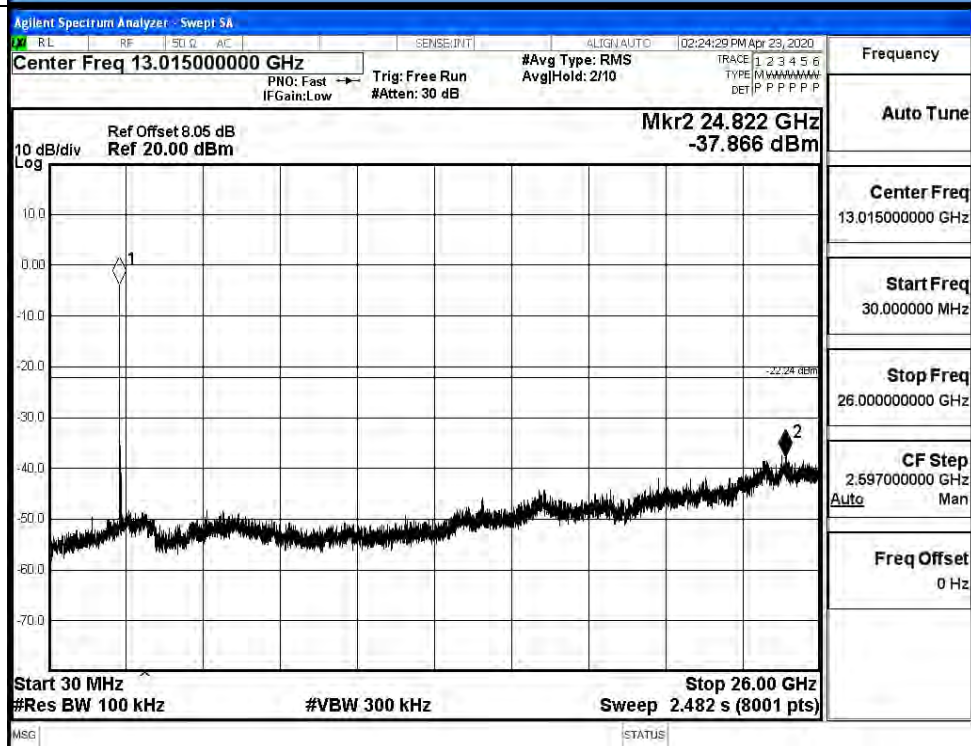
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-2.237	-37.866	-22.237	PASS
	MCH	-2.029	-37.898	-22.029	PASS
	HCH	-1.889	-38.194	-21.889	PASS
11G	LCH	-11.541	-37.342	-31.541	PASS
	MCH	-11.599	-38.500	-31.599	PASS
	HCH	-11.985	-37.510	-31.985	PASS
11N20 SISO	LCH	-12.456	-37.887	-32.456	PASS
	MCH	-11.957	-38.049	-31.957	PASS
	HCH	-12.052	-38.047	-32.052	PASS
11N40 SISO	LCH	-15.05	-37.767	-35.050	PASS
	MCH	-13.258	-37.109	-33.258	PASS
	HCH	-14.41	-38.322	-34.410	PASS

11B LCH Graphs

Pref/11B/LCH

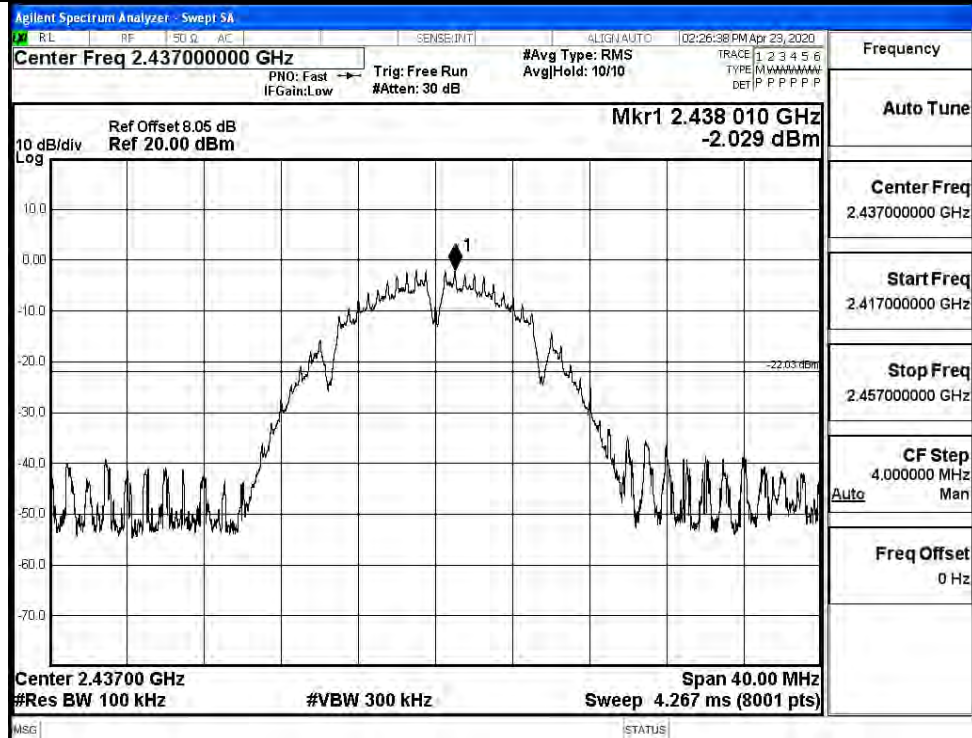


Puw/11B/LCH

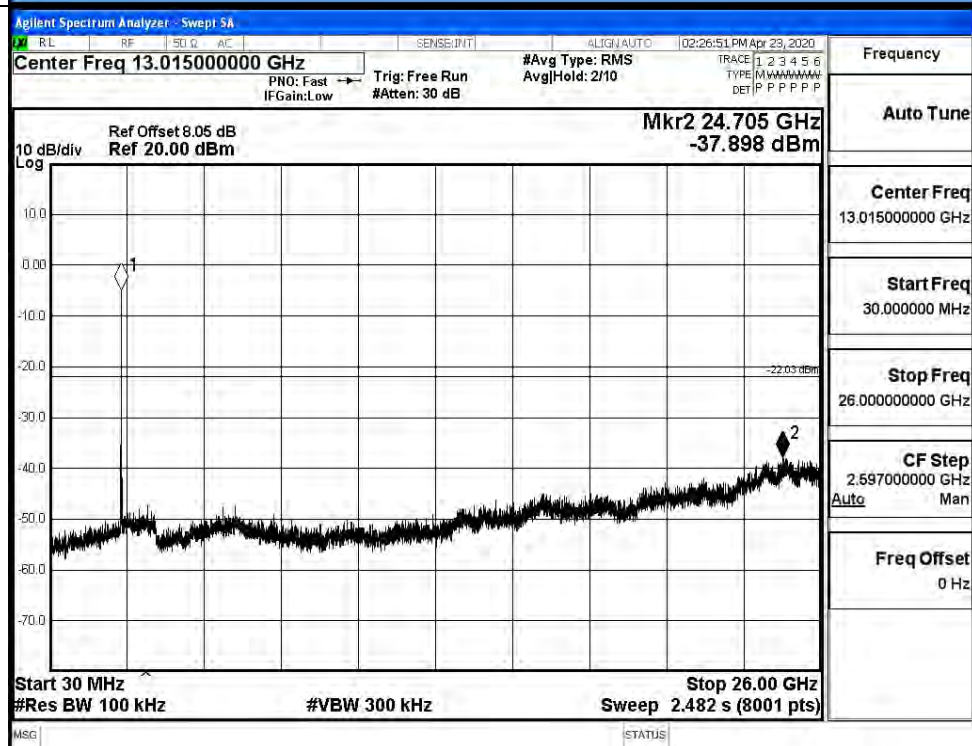


11B MCH Graphs

Pref/11B/MCH

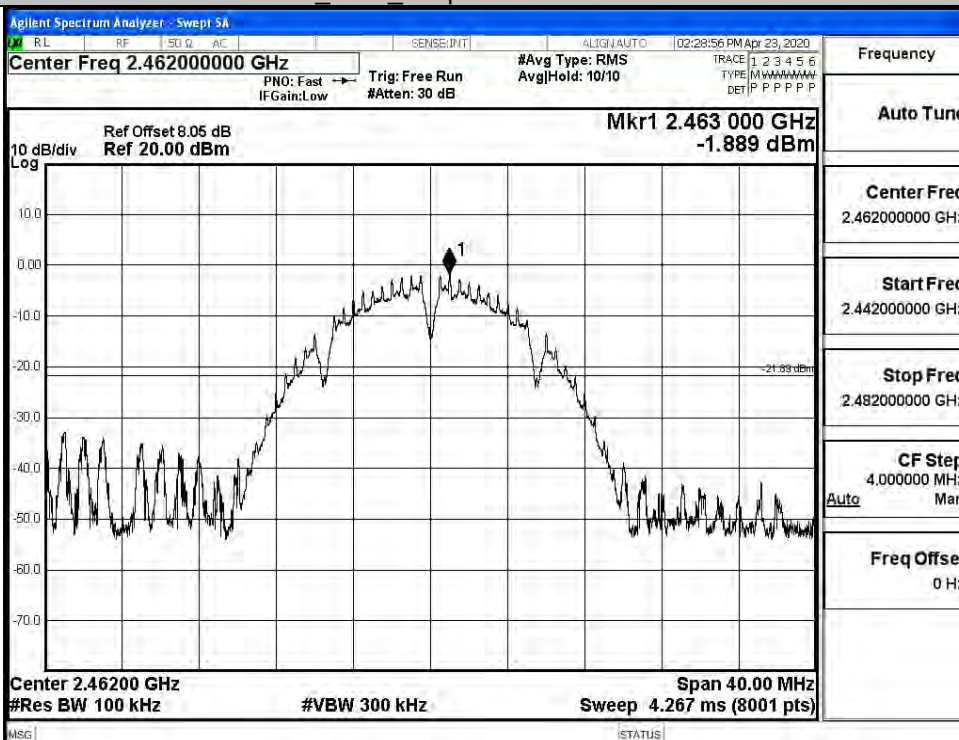


Puw/11B/MCH

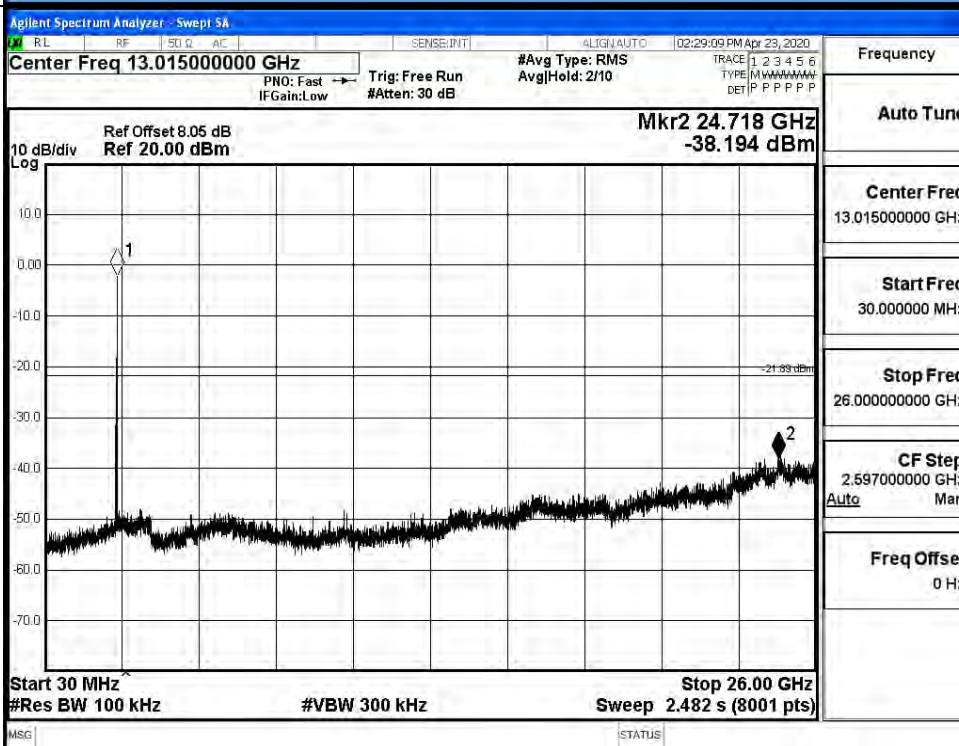


11B HCH Graphs

Pref/11B/HCH

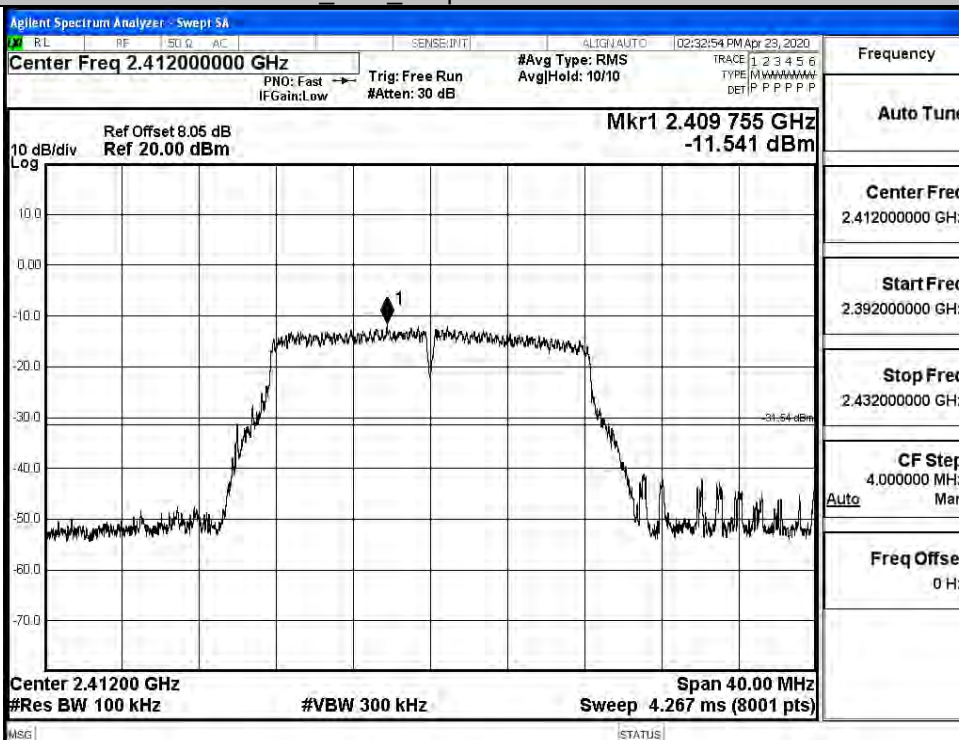


Puw/11B/HCH

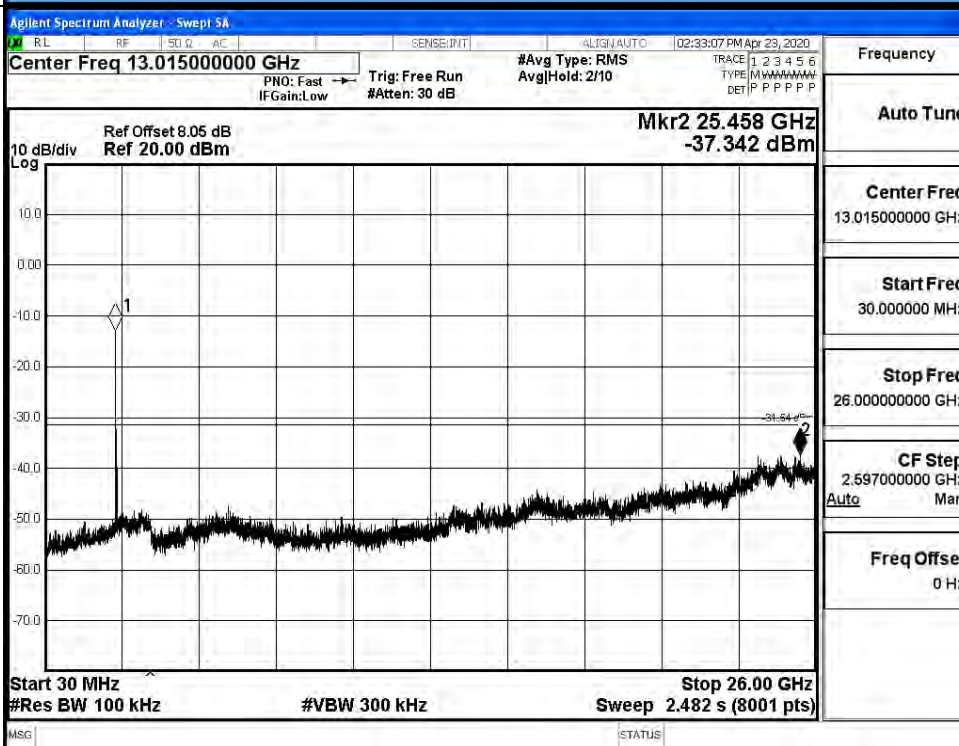


11G LCH Graphs

Pref/11G/LCH

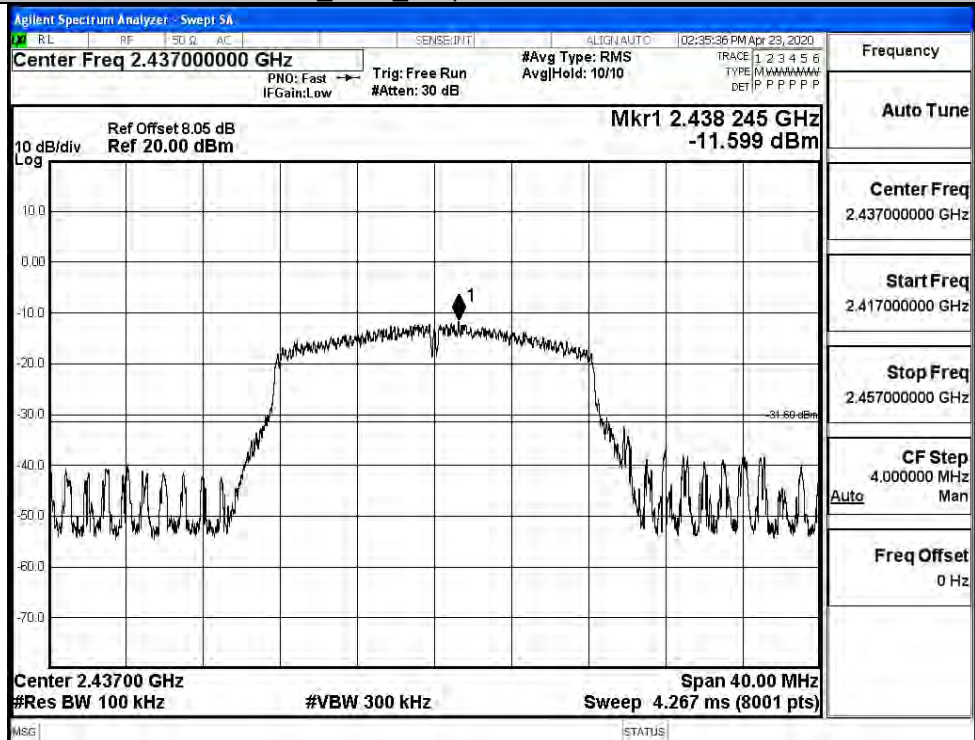


Puw/11G/LCH



11G MCH Graphs

Pref/11G/MCH

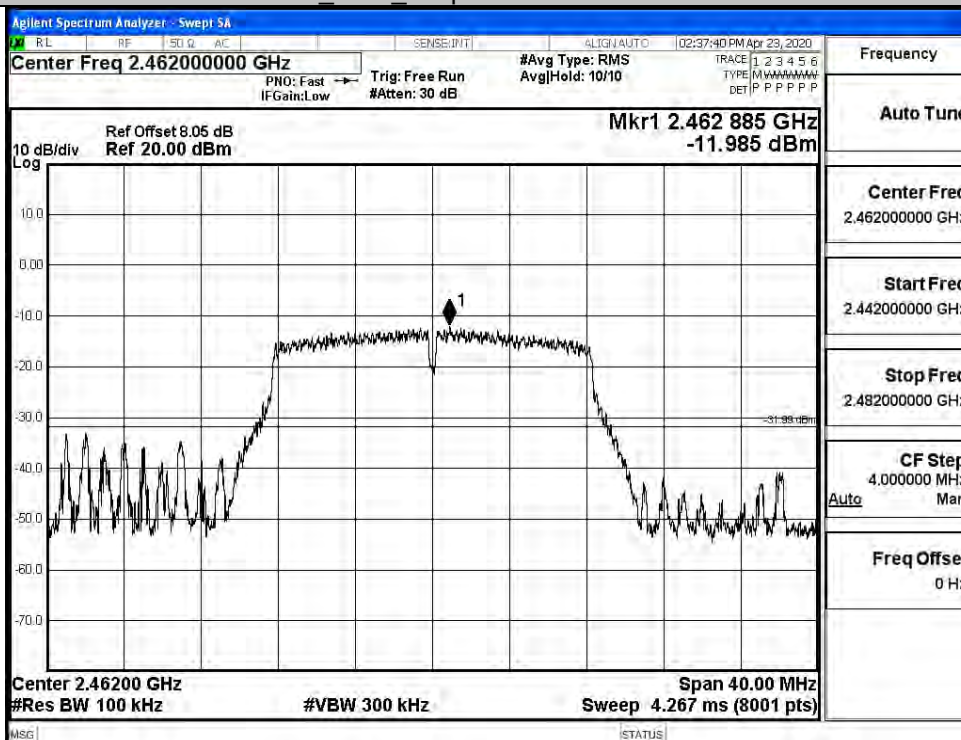


Puw/11G/MCH

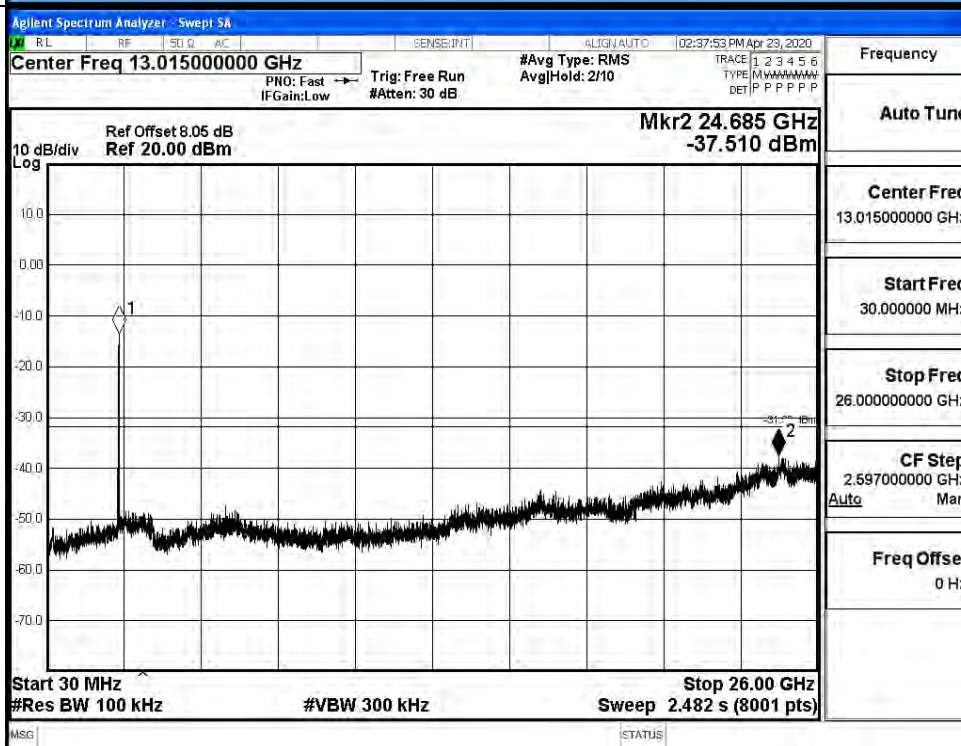


11G HCH Graphs

Pref/11G/HCH

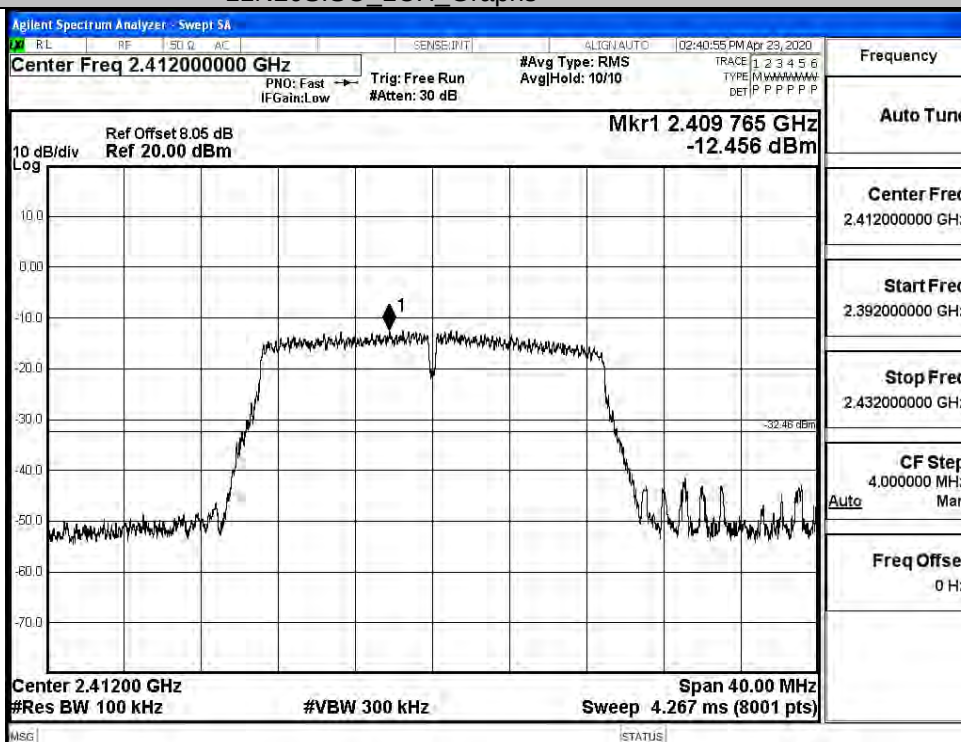


Puw/11G/HCH

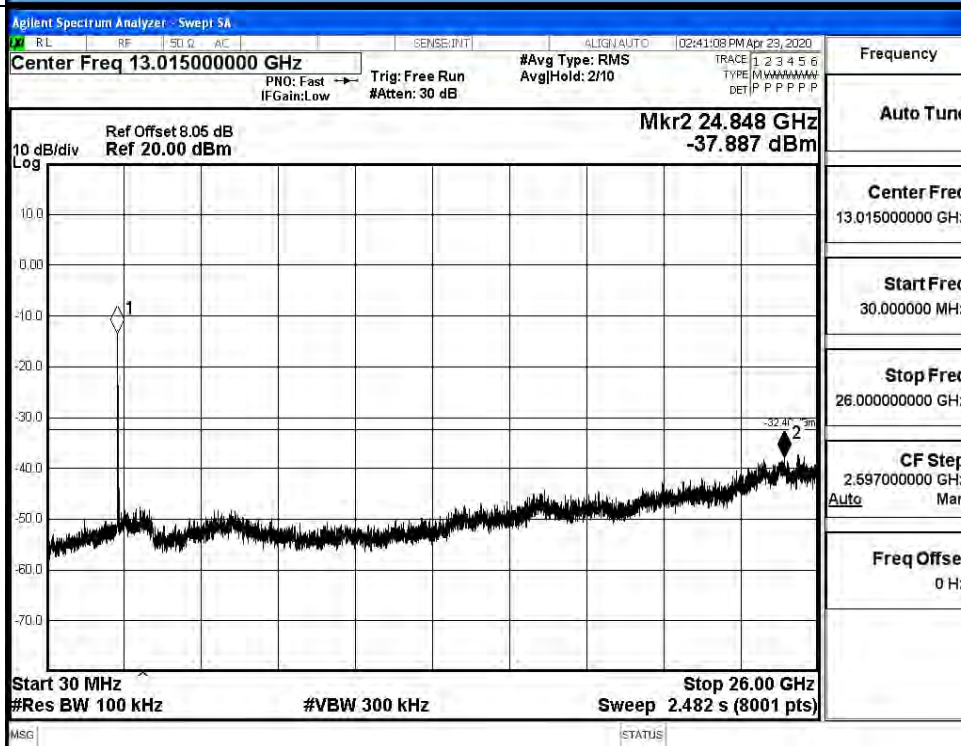


11N20SISO LCH Graphs

Pref/11N20SIS
O/LCH

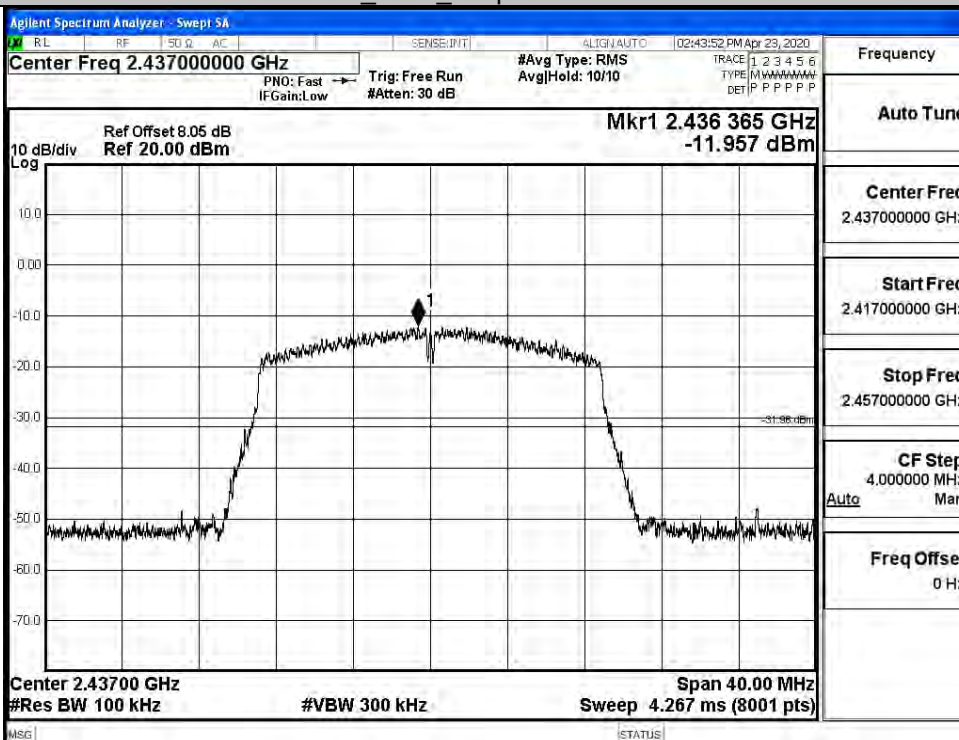


Puw/11N20
SISO/LCH

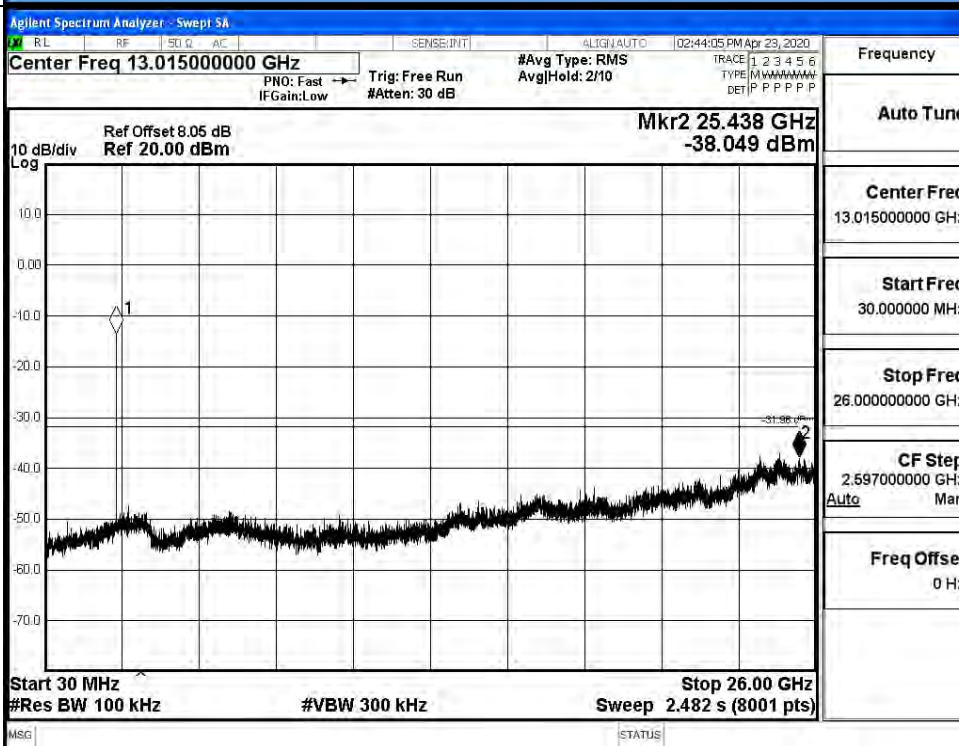


11N20SISO_MCH_Graphs

Pref/11N20
SISO/MCH

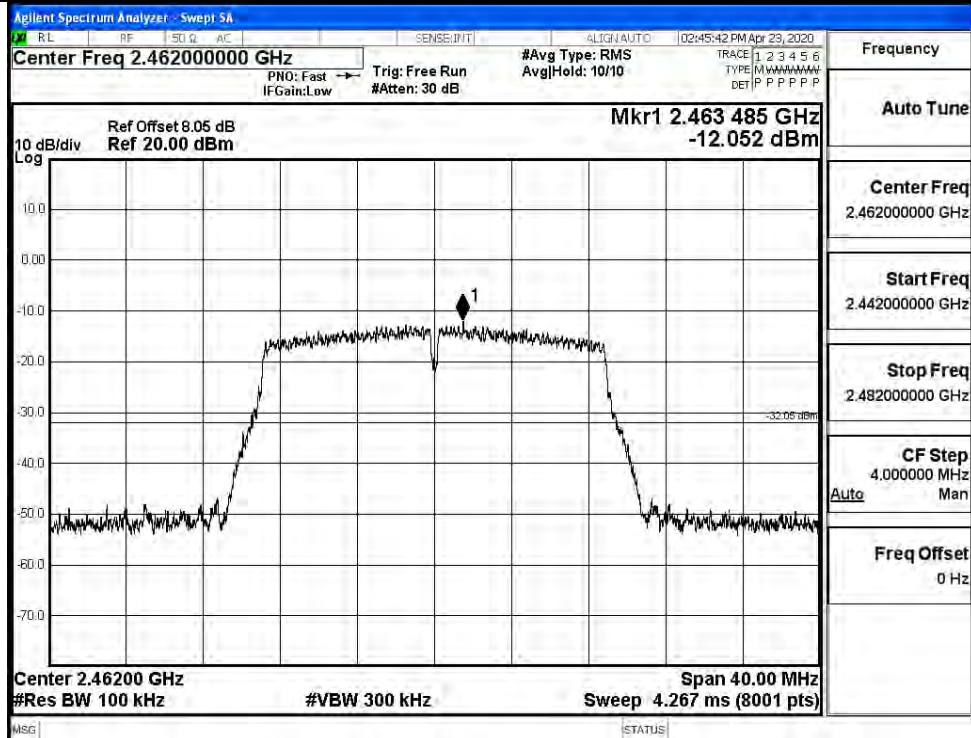


Puw/11N20
SISO/MCH

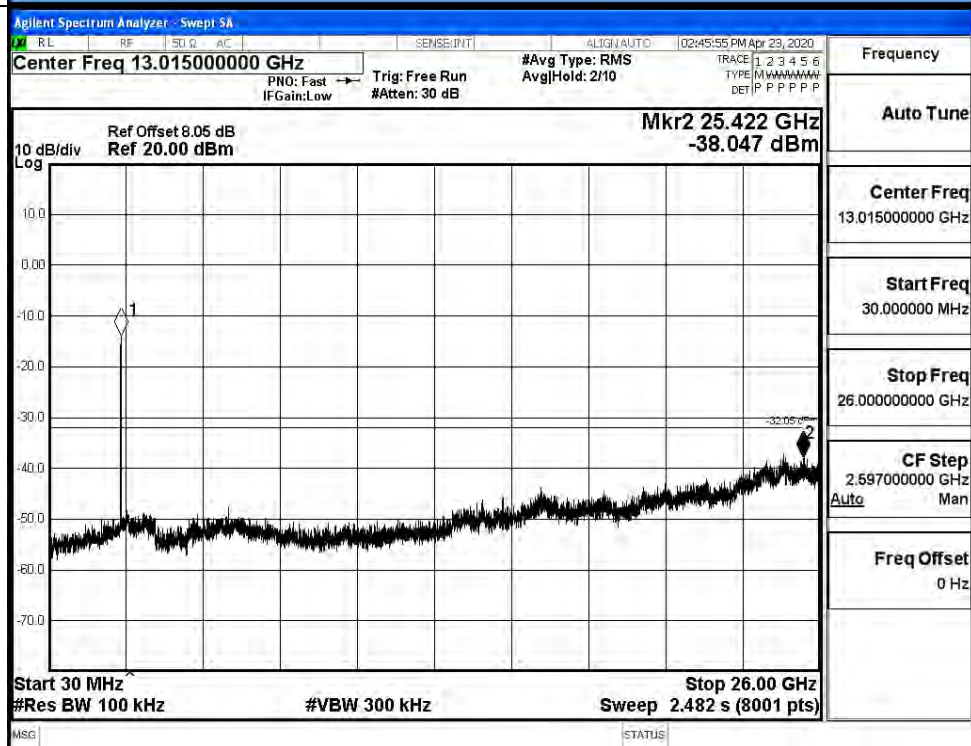


11N20SISO HCH Graphs

Pref/11N20
SISO/HCH

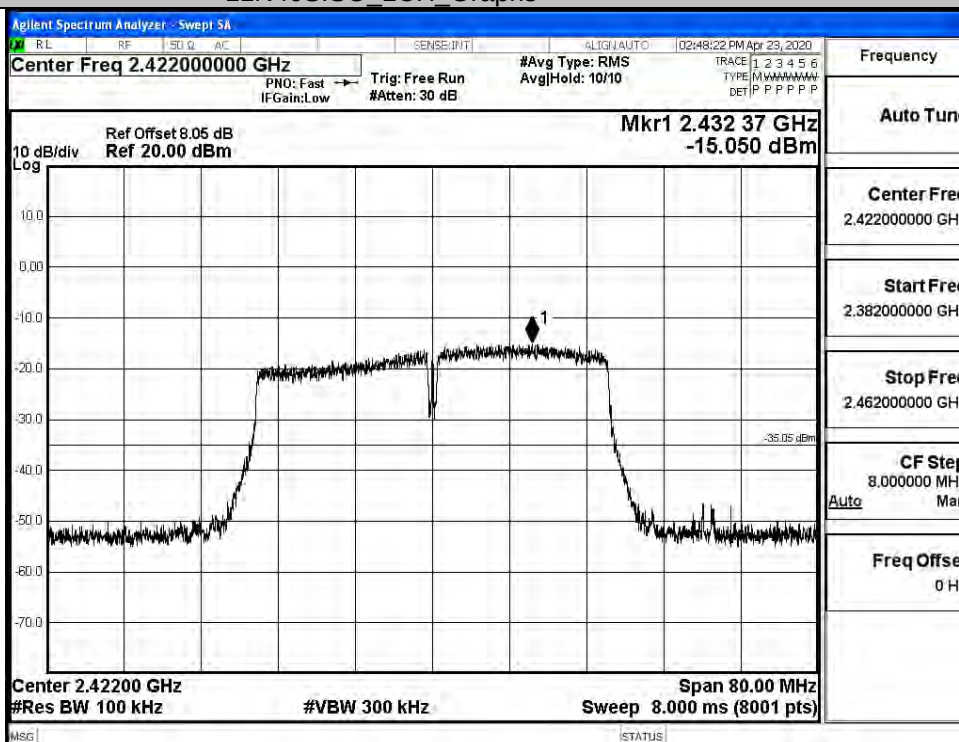


Puw/11N20
SISO/HCH

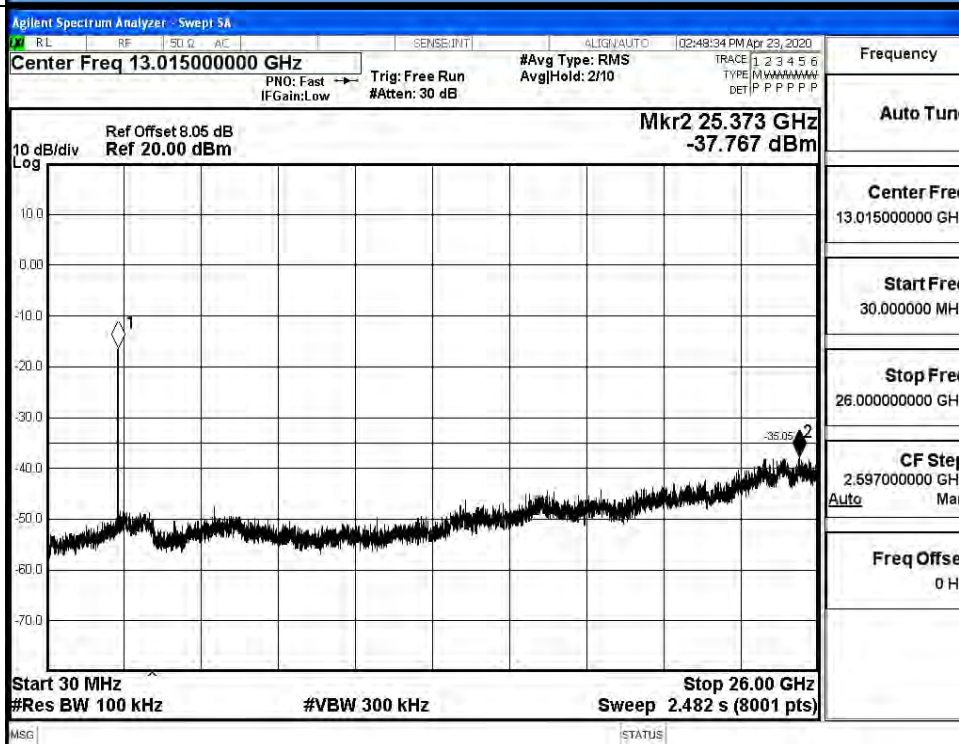


11N40SISO LCH Graphs

Pref/11N40
SISO/LCH

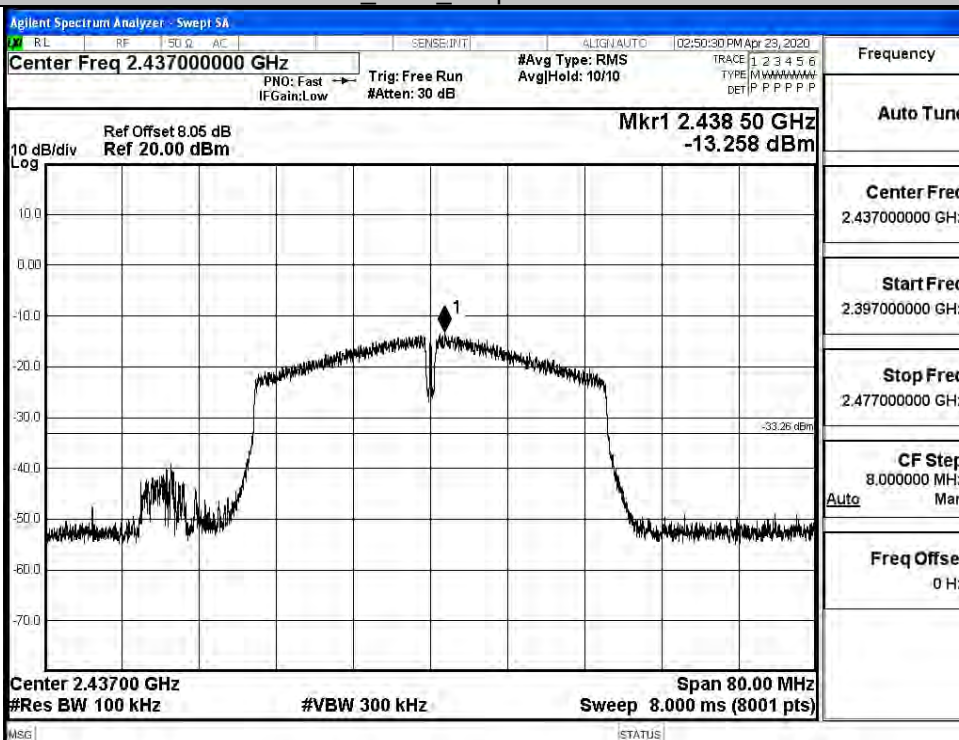


Puw/11N40
SISO/LCH

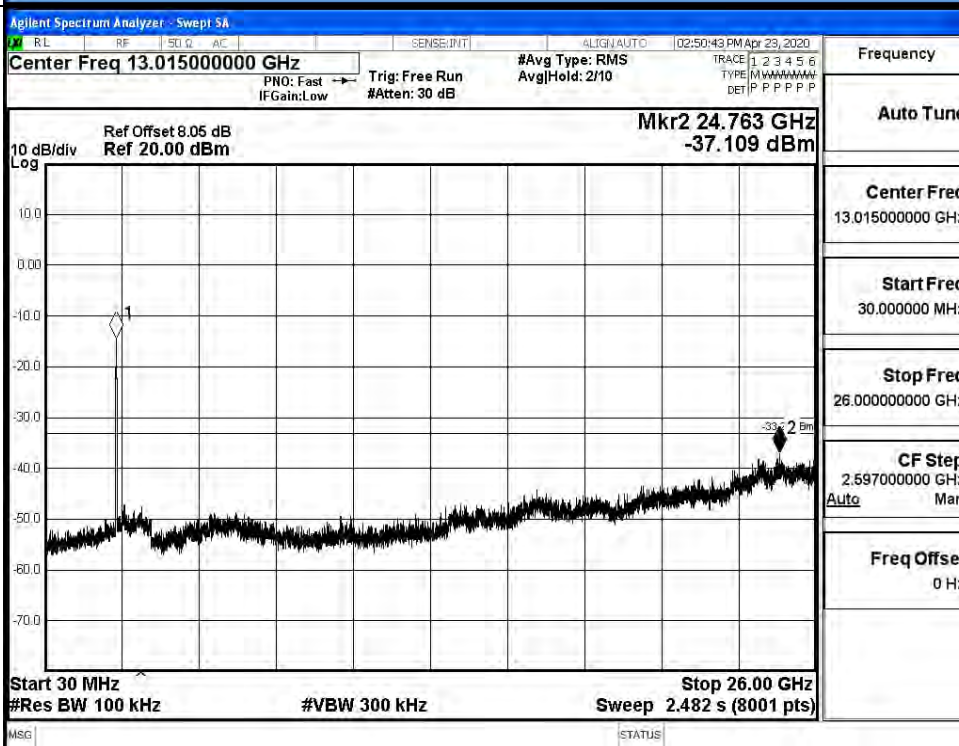


11N40SISO_MCH_Graphs

Pref/11N40
SISO/MCH

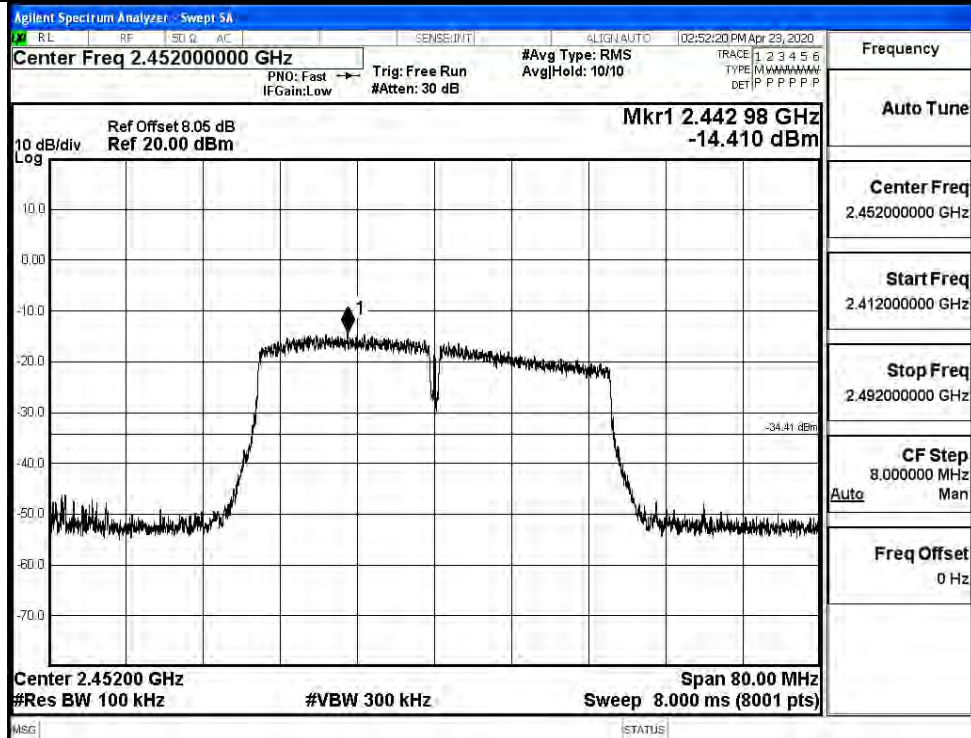


Puw/11N40
SISO/MCH

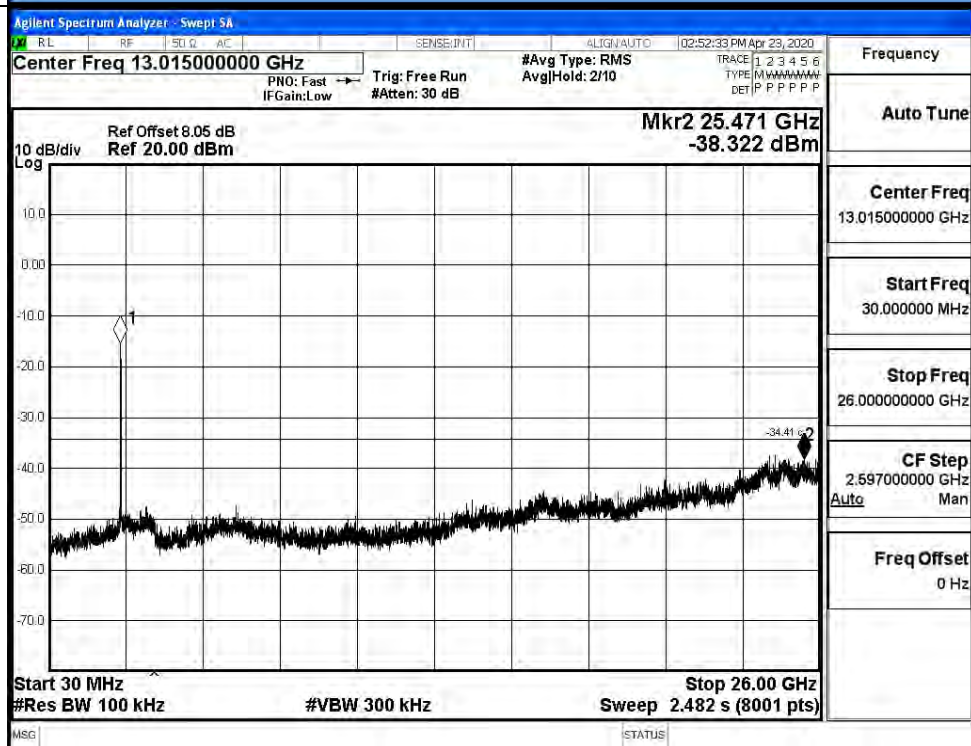


11N40SISO HCH Graphs

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH

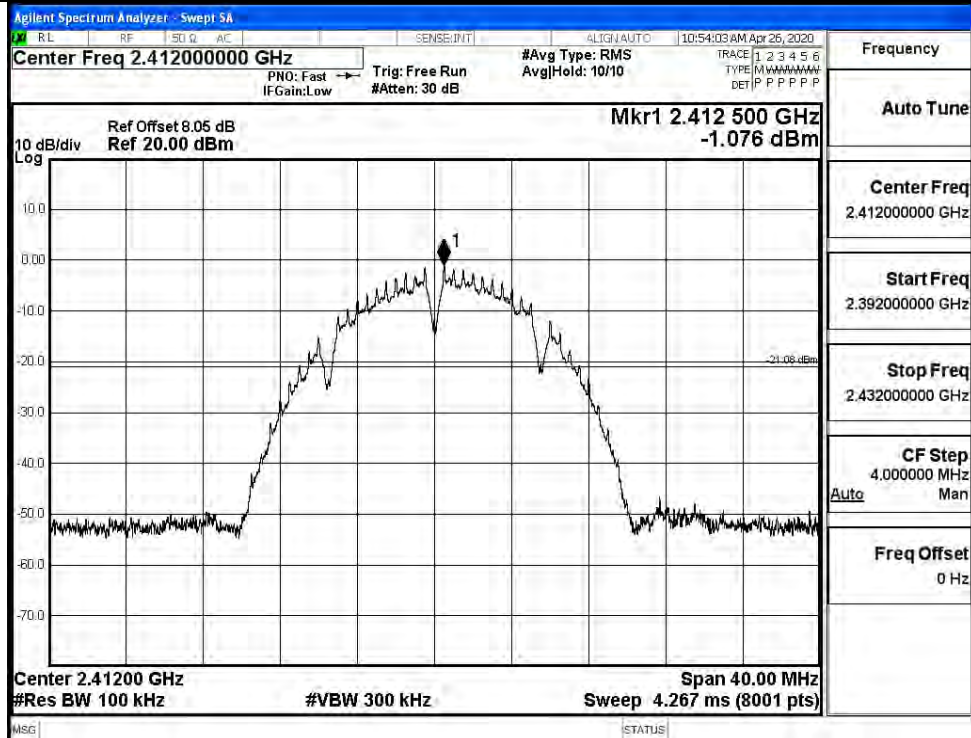


ANT1

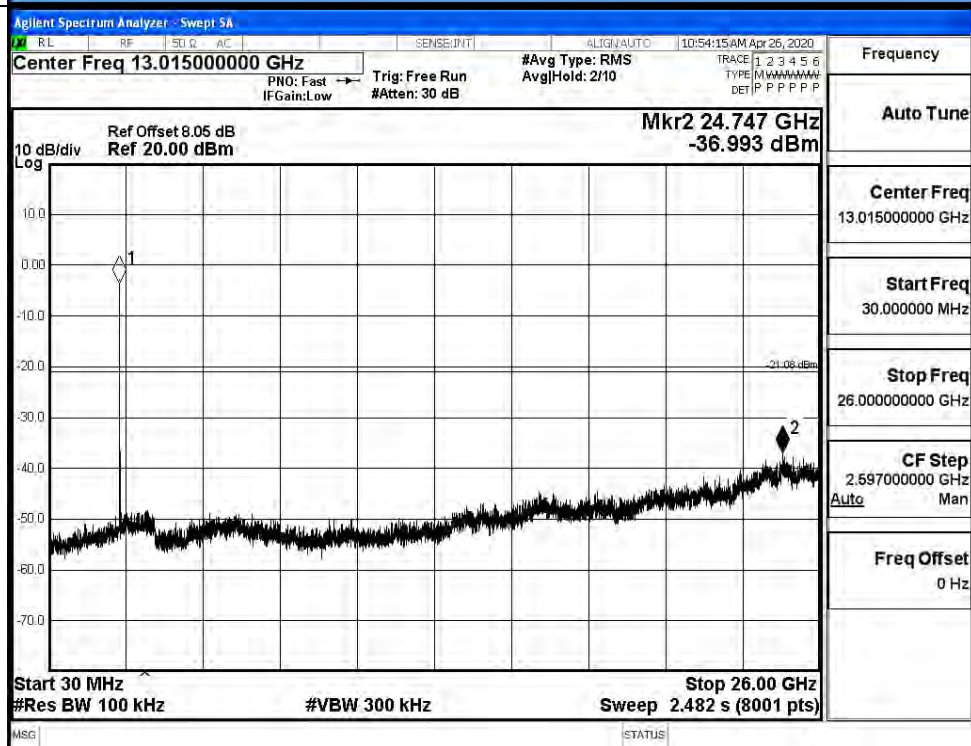
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-1.076	-36.993	-21.076	PASS
	MCH	-1.333	-38.060	-21.333	PASS
	HCH	-1.468	-37.799	-21.468	PASS
11G	LCH	-11.278	-37.757	-31.278	PASS
	MCH	-11.824	-37.603	-31.824	PASS
	HCH	-11.09	-38.355	-31.090	PASS
11N20 SISO	LCH	-11.658	-37.759	-31.658	PASS
	MCH	-13.571	-37.813	-33.571	PASS
	HCH	-11.144	-37.919	-31.144	PASS
11N40 SISO	LCH	-12.901	-38.362	-32.901	PASS
	MCH	-14.671	-37.070	-34.671	PASS
	HCH	-14.762	-37.356	-34.762	PASS

11B LCH Graphs

Pref/11B/LCH

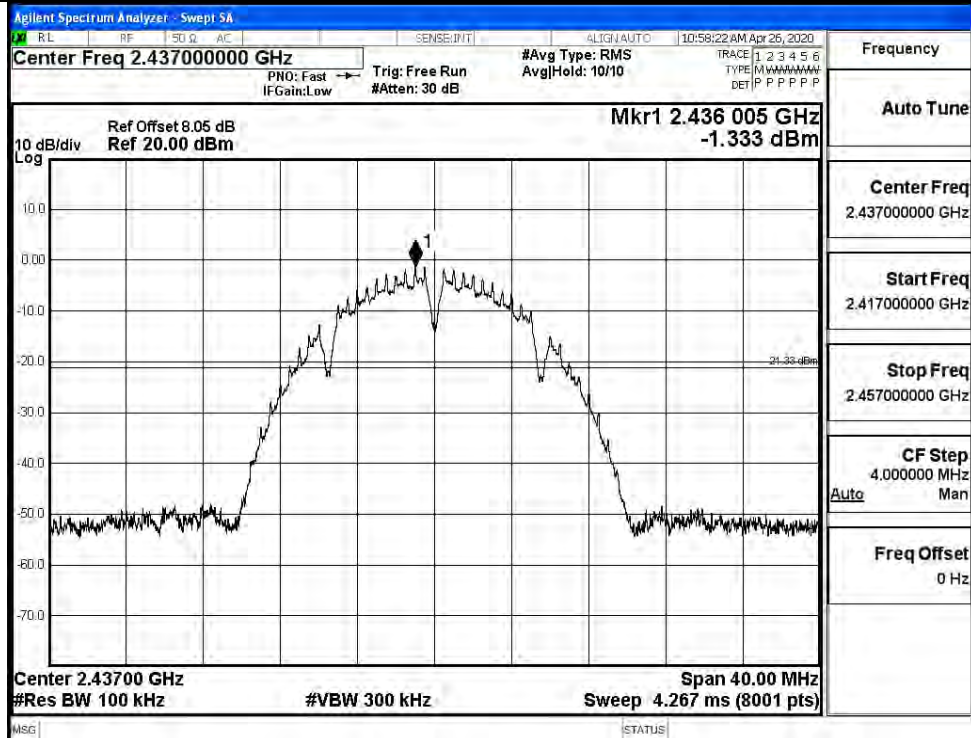


Puw/11B/LCH

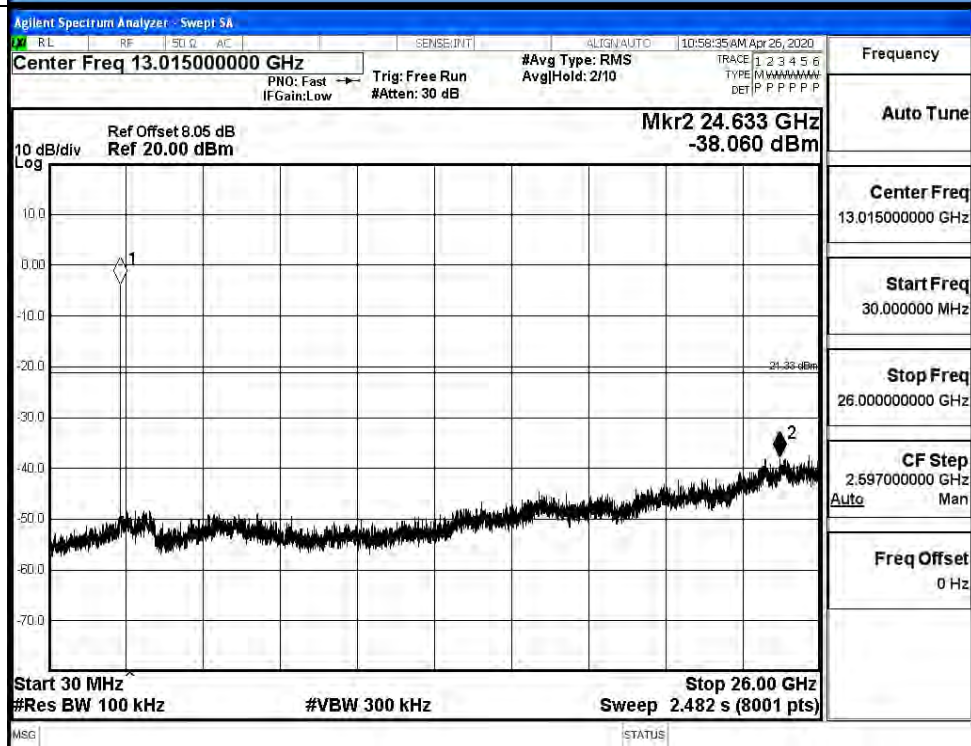


11B MCH Graphs

Pref/11B/MCH

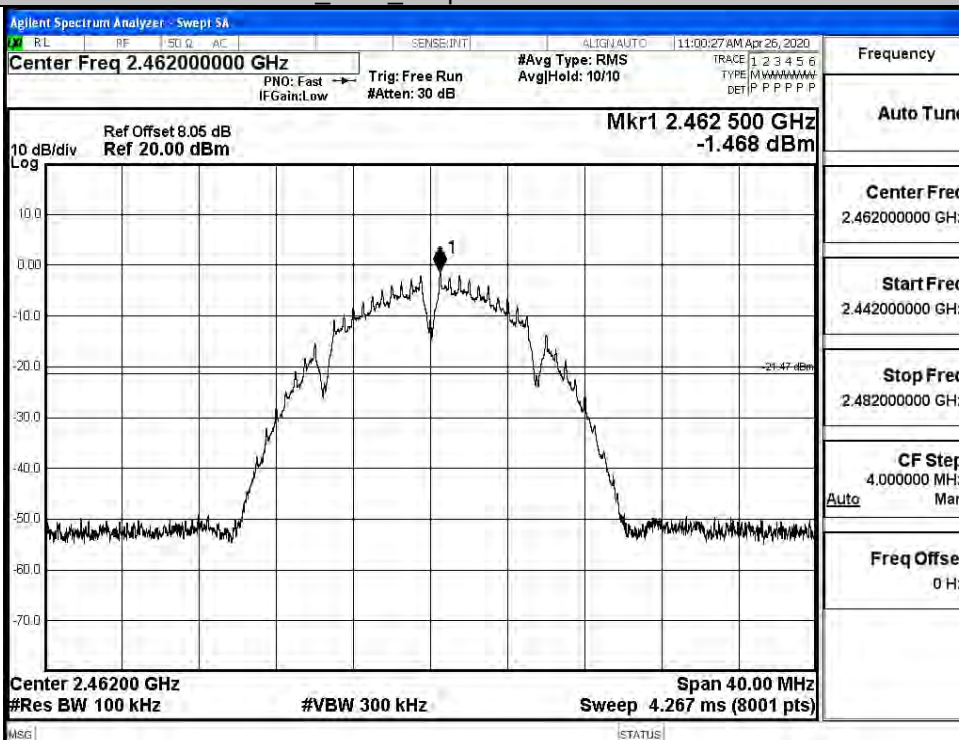


Puw/11B/MCH

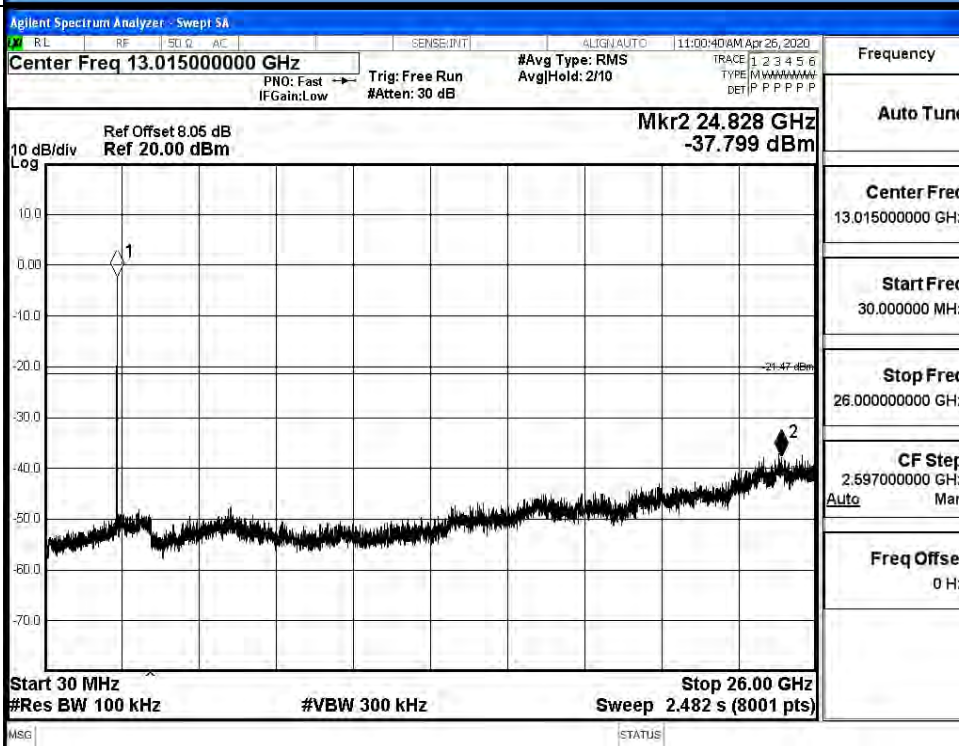


11B HCH Graphs

Pref/11B/HCH

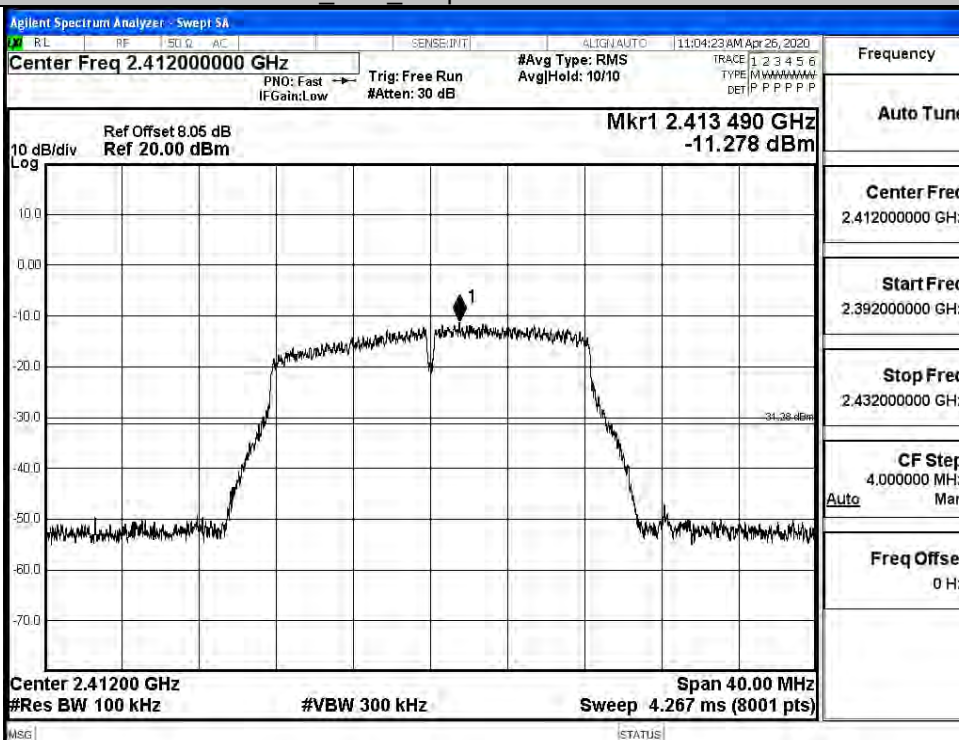


Puw/11B/HCH

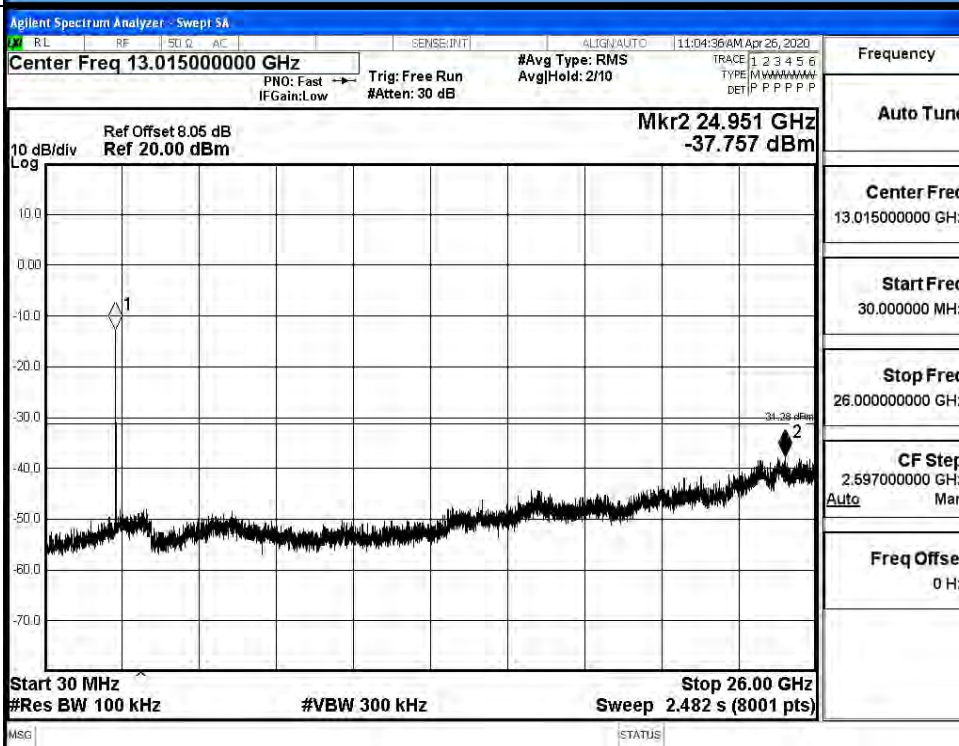


11G LCH Graphs

Pref/11G/LCH

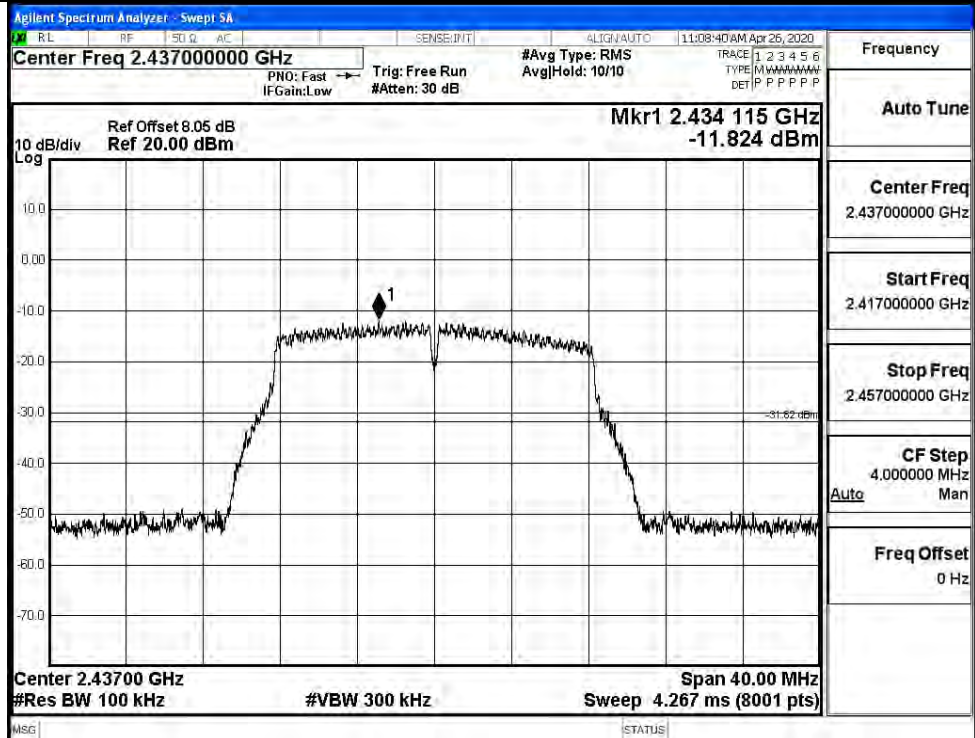


Puw/11G/LCH

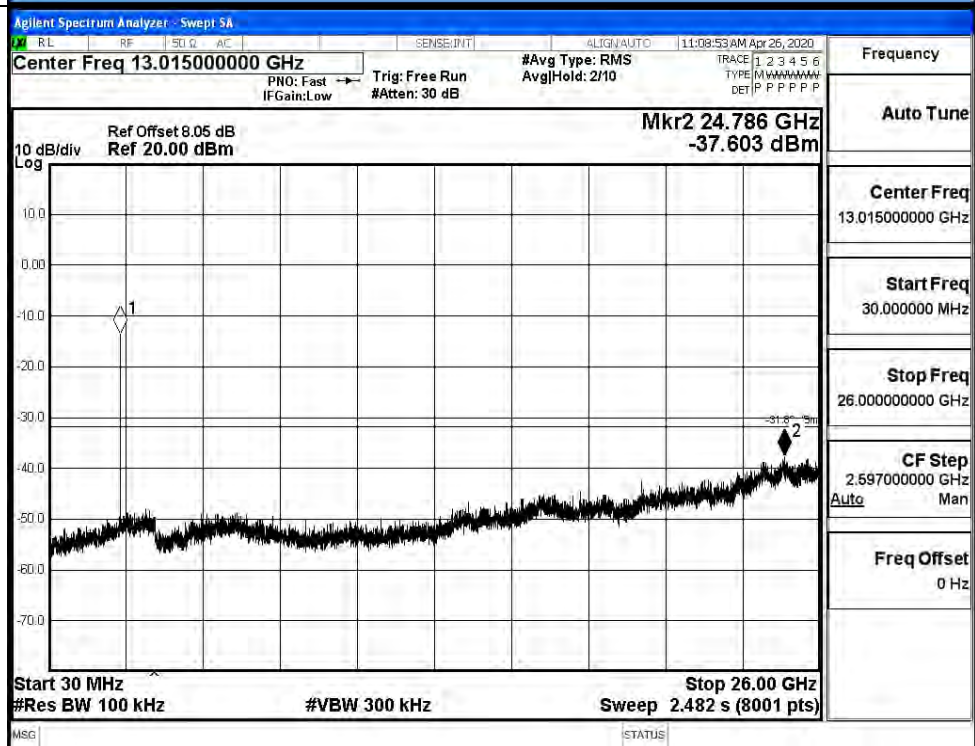


11G MCH Graphs

Pref/11G/MCH

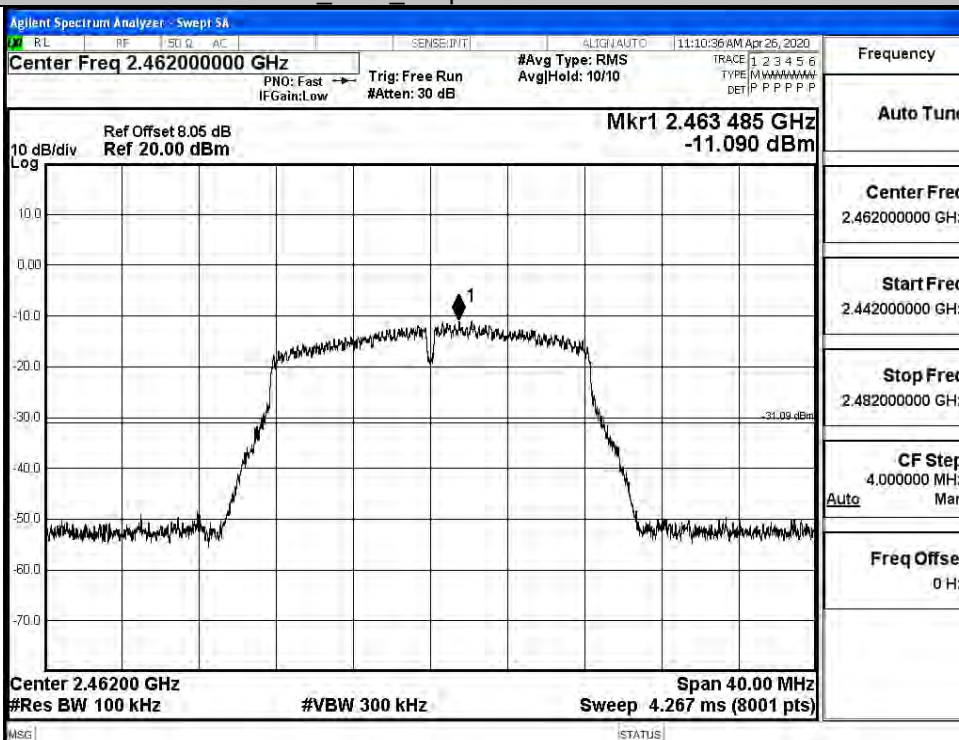


Puw/11G/MCH

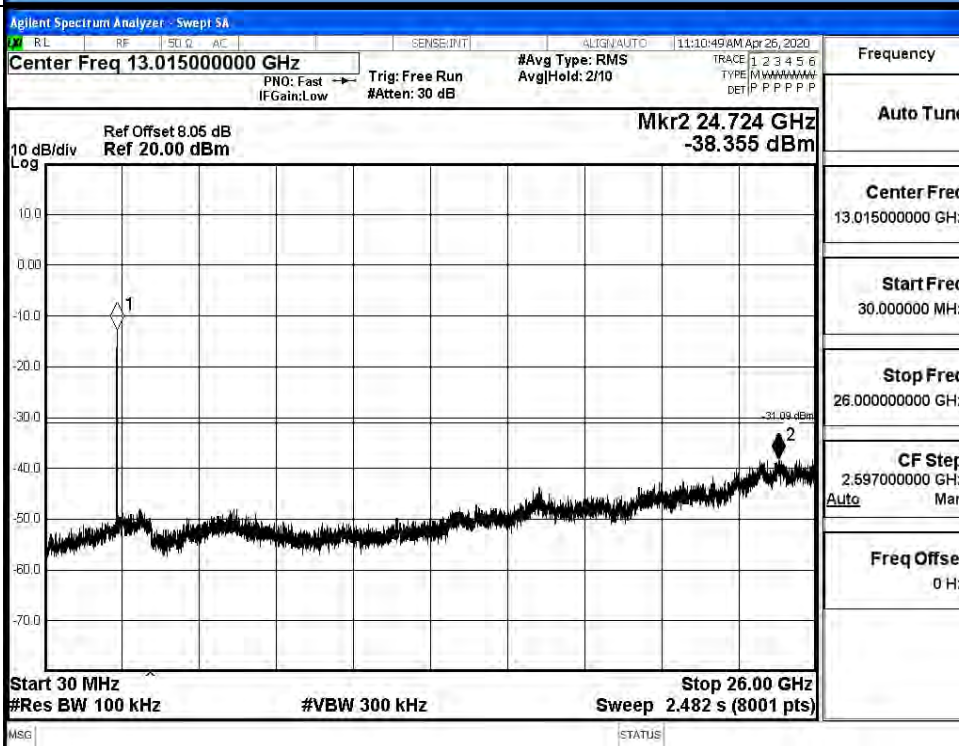


11G HCH Graphs

Pref/11G/HCH

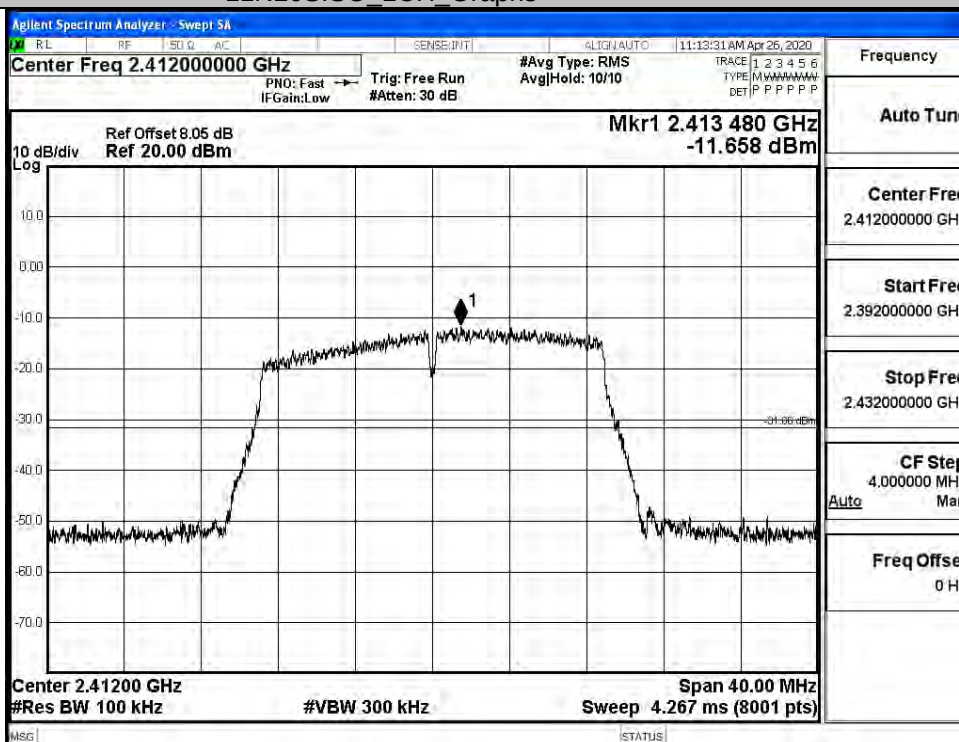


Puw/11G/HCH

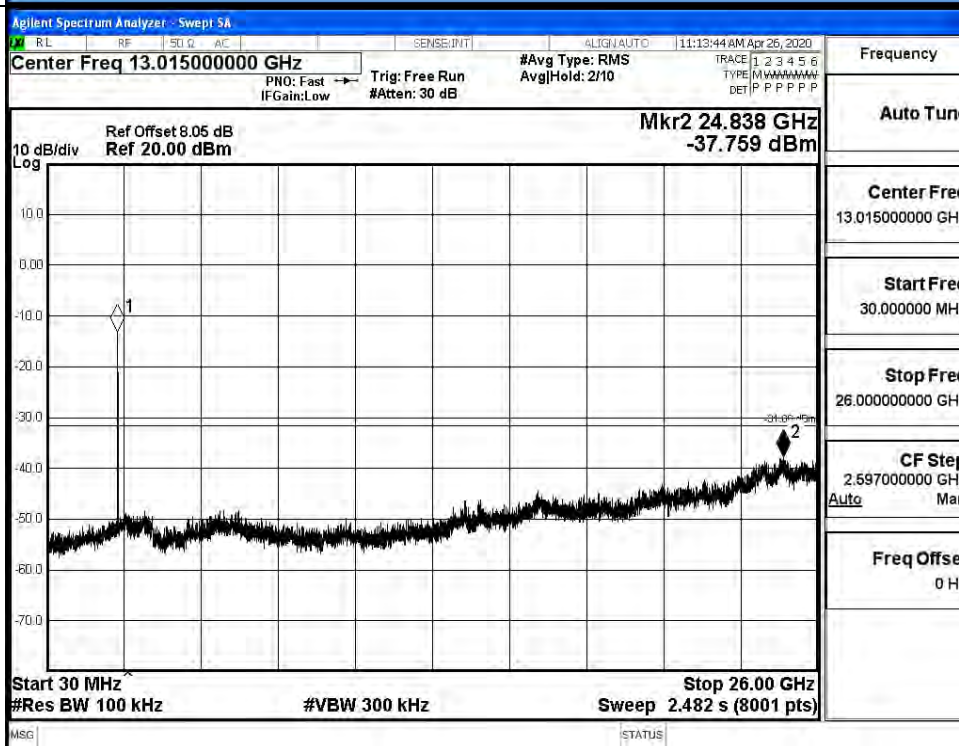


11N20SISO LCH Graphs

Pref/11N20SIS
O/LCH

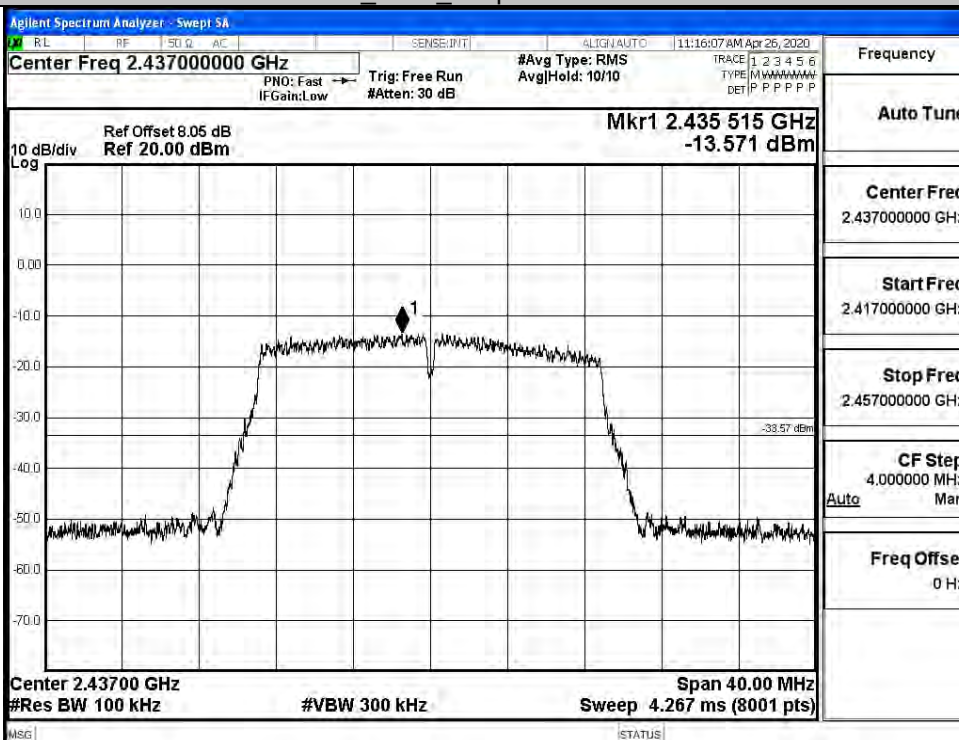


Puw/11N20
SISO/LCH

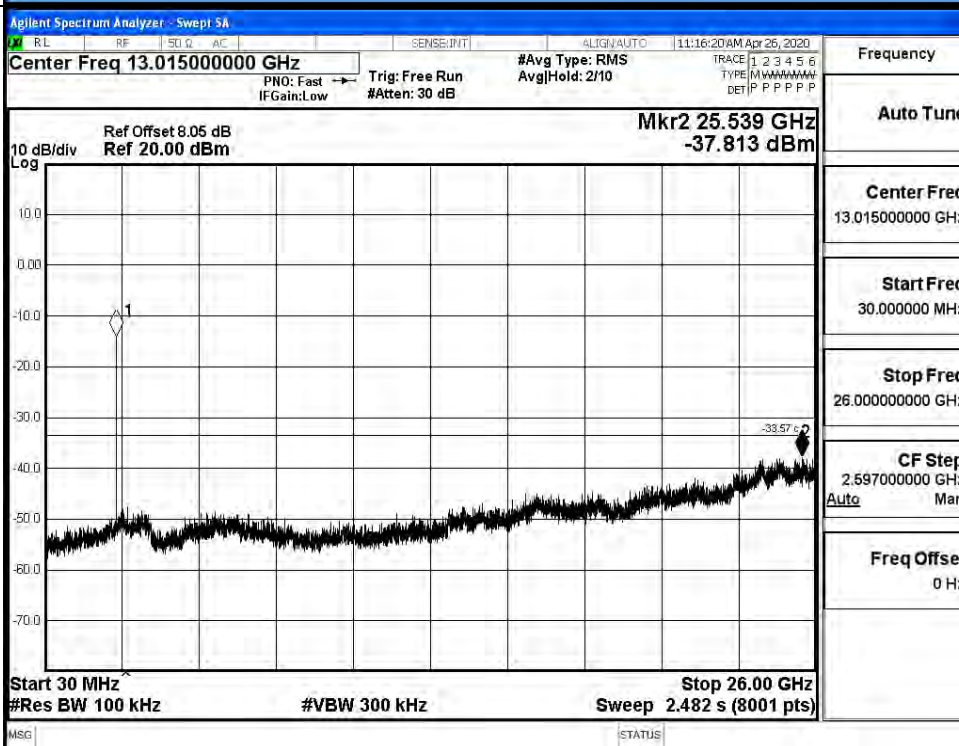


11N20SISO_MCH_Graphs

Pref/11N20
SISO/MCH

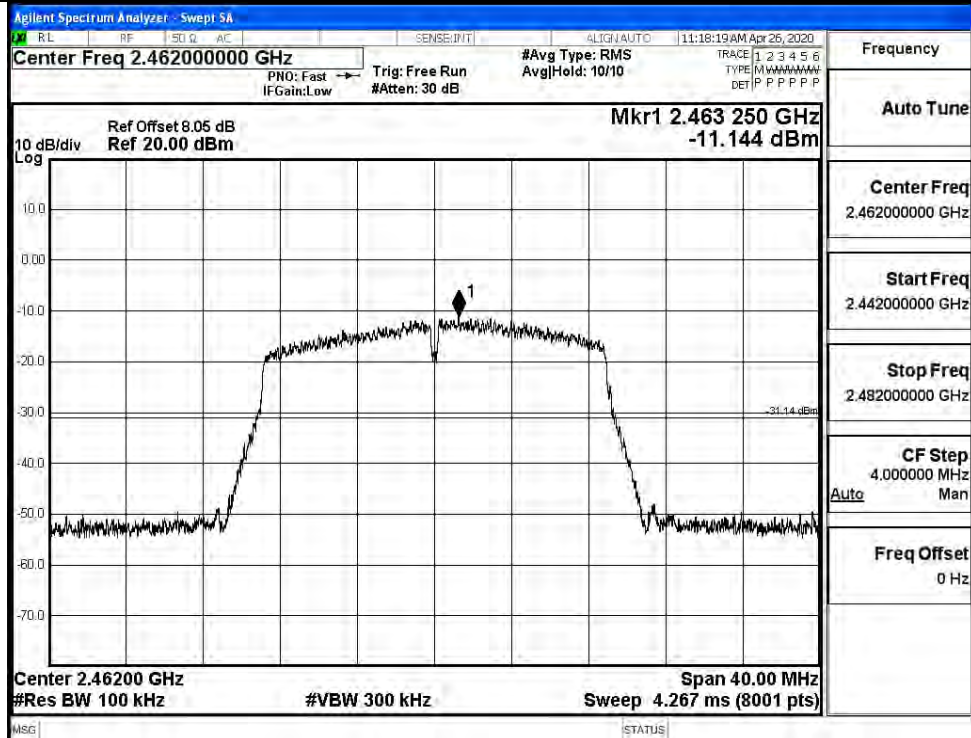


Puw/11N20
SISO/MCH



11N20SISO HCH Graphs

Pref/11N20
SISO/HCH

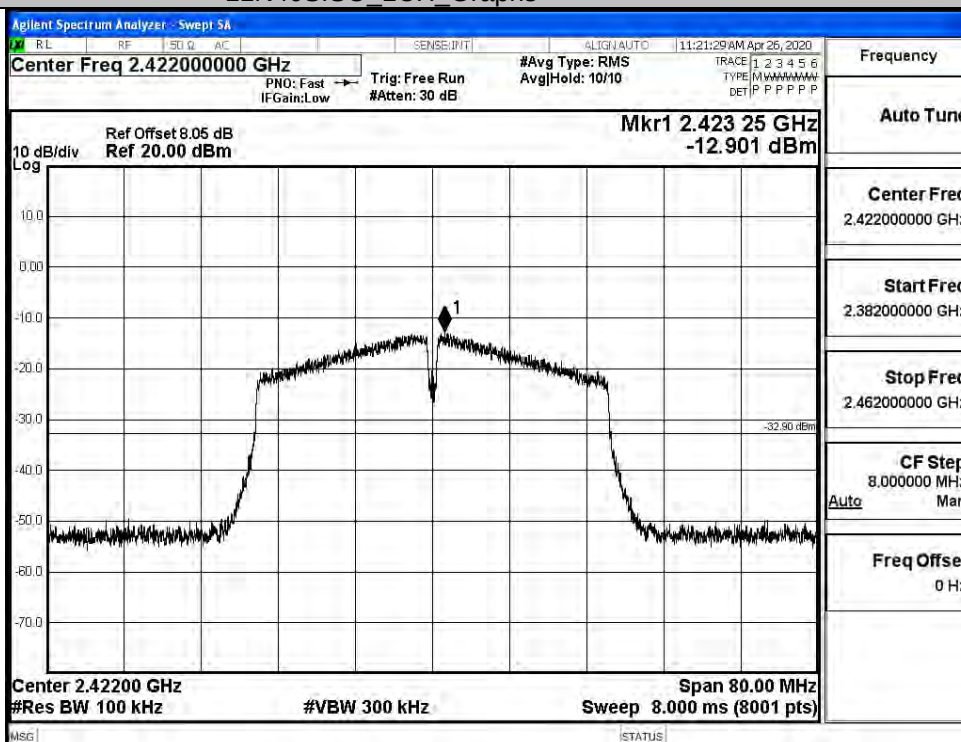


Puw/11N20
SISO/HCH

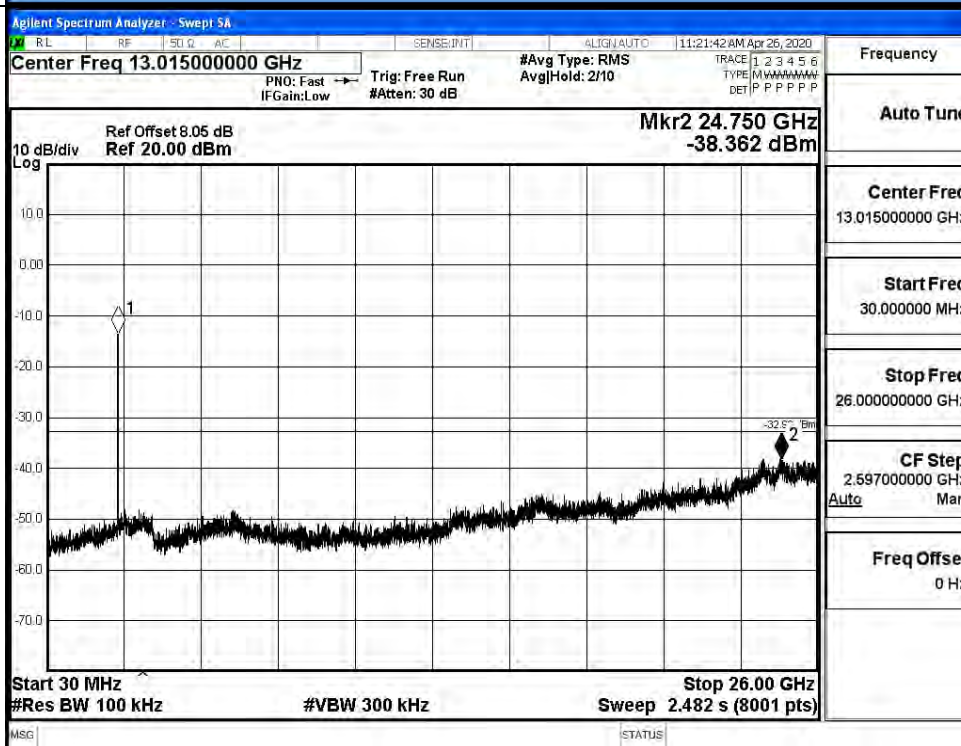


11N40SISO LCH Graphs

Pref/11N40
SISO/LCH

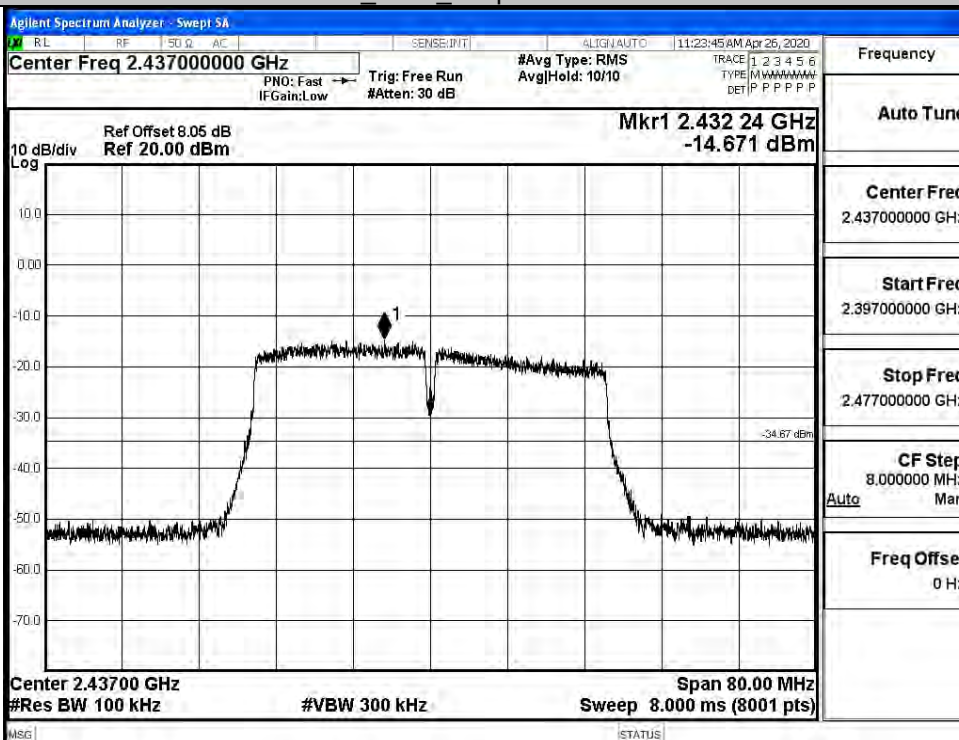


Puw/11N40
SISO/LCH

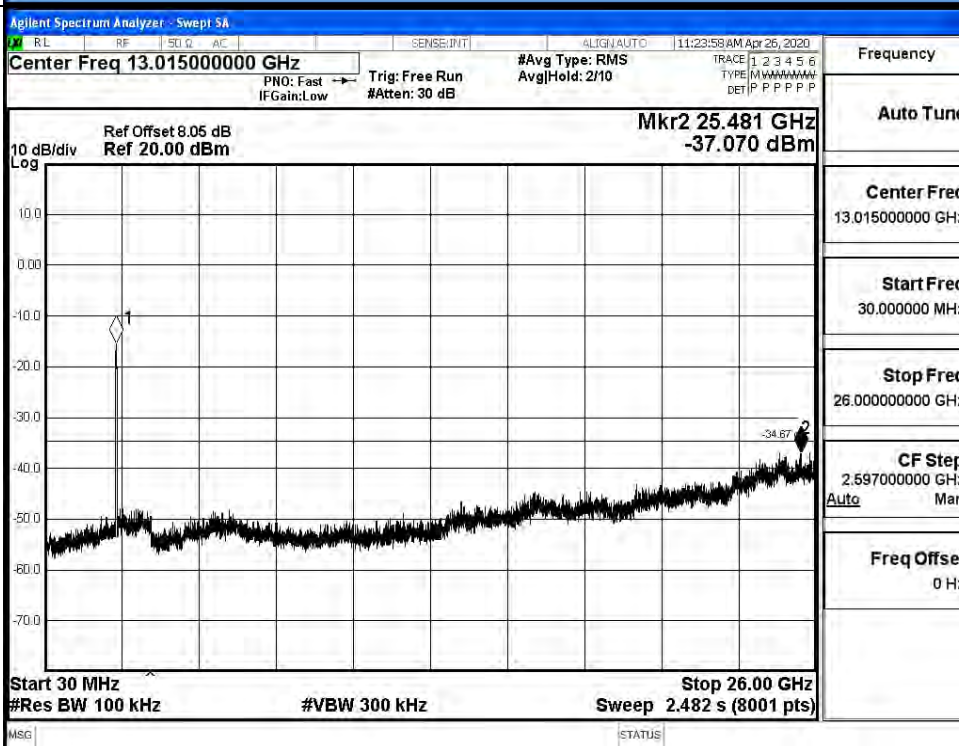


11N40SISO_MCH_Graphs

Pref/11N40
SISO/MCH

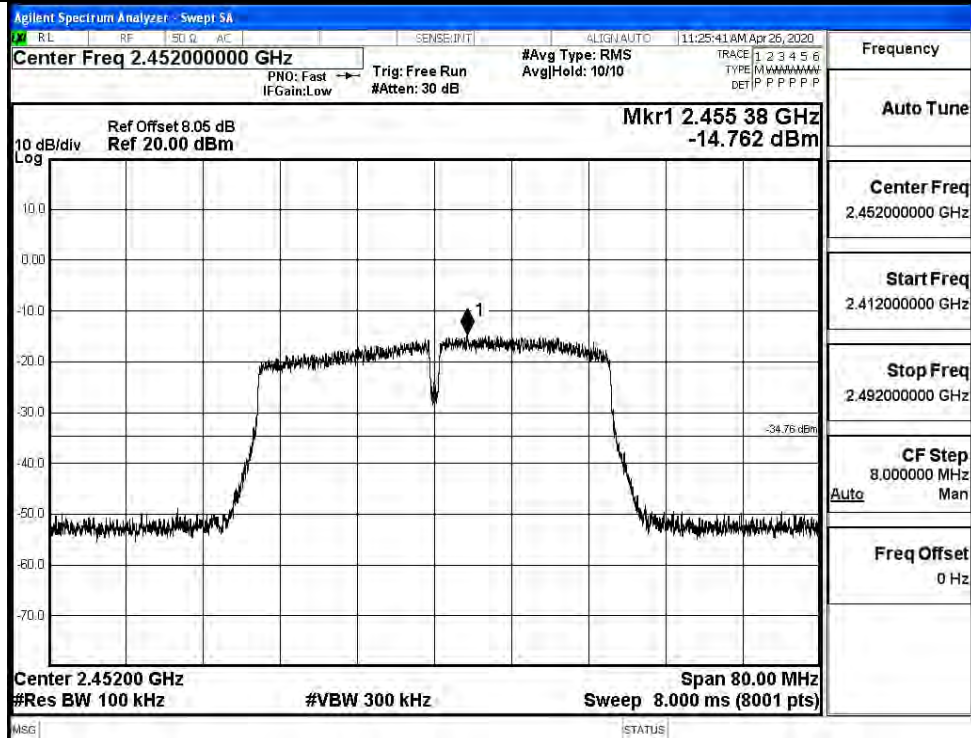


Puw/11N40
SISO/MCH

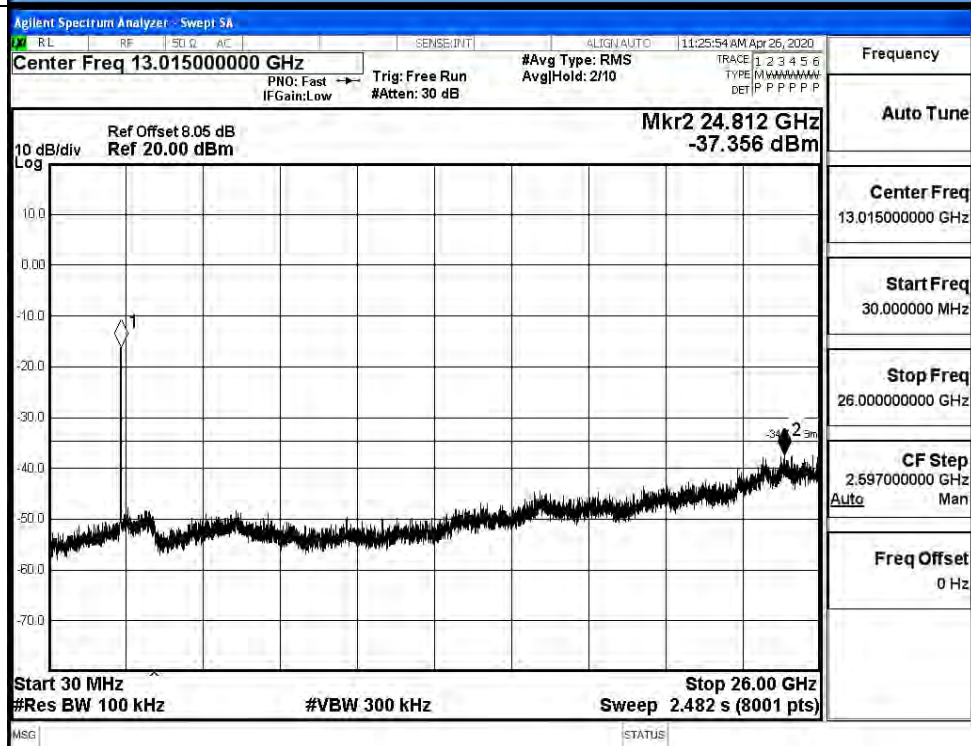


11N40SISO HCH Graphs

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH



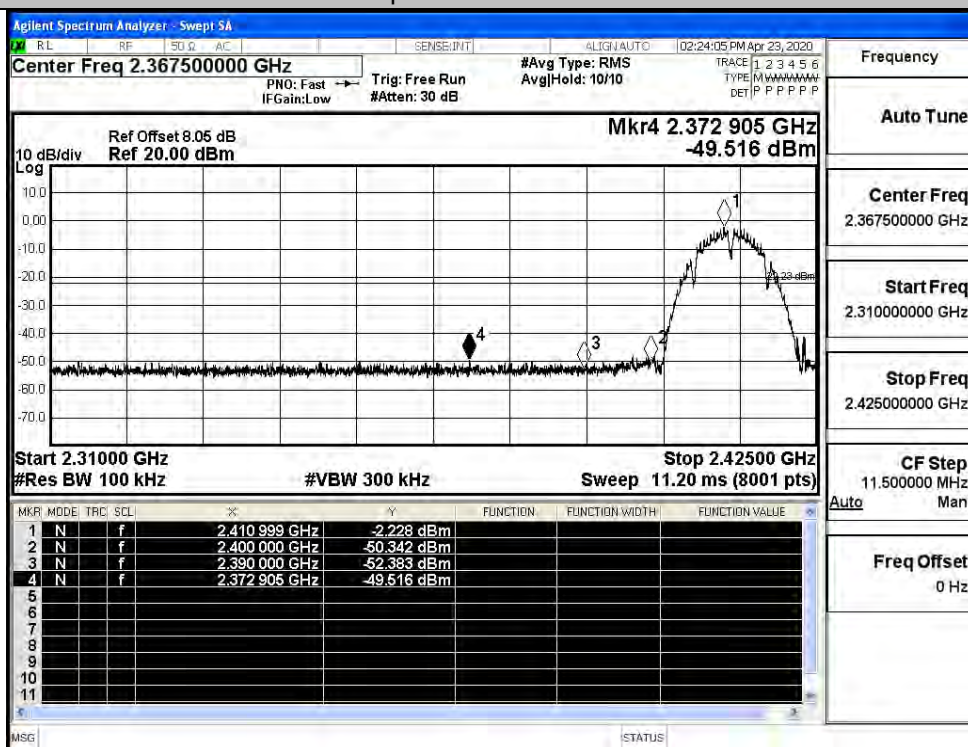
C.6 Band-edge for RF Conducted Emissions

ANT0

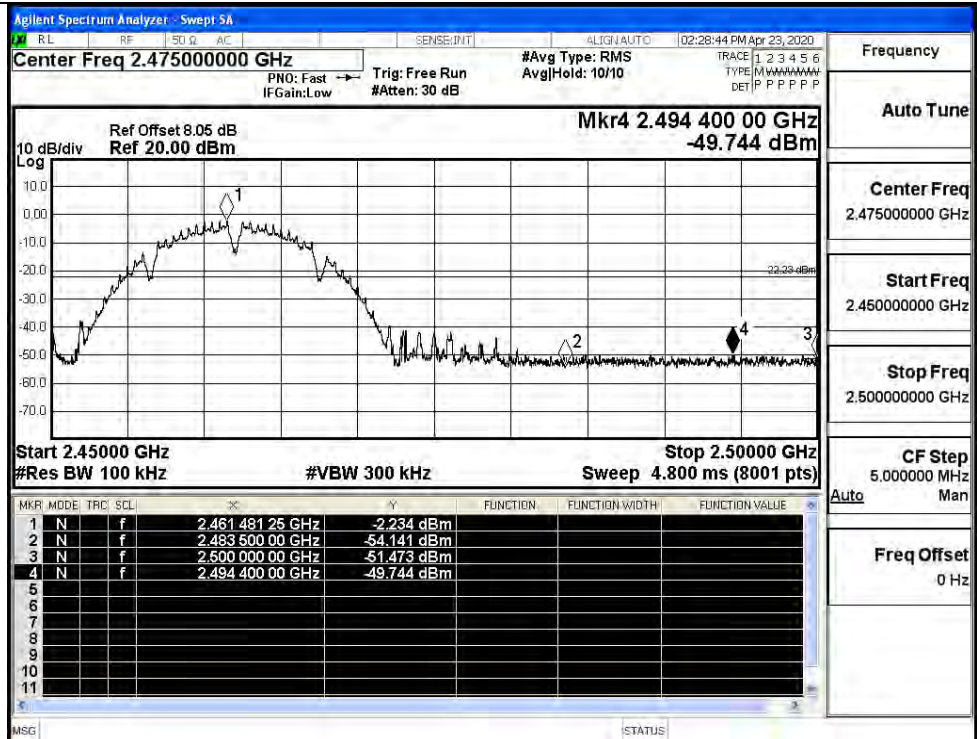
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-2.228	-49.516	-22.23	PASS
	HCH	-2.234	-49.744	-22.23	PASS
11G	LCH	-11.881	-49.490	-31.88	PASS
	HCH	-12.247	-49.013	-32.25	PASS
11N20SISO	LCH	-12.219	-49.363	-32.22	PASS
	HCH	-12.582	-49.138	-32.58	PASS
11N40SISO	LCH	-14.756	-50.057	-34.76	PASS
	HCH	-14.448	-49.139	-34.45	PASS

Test Graphs

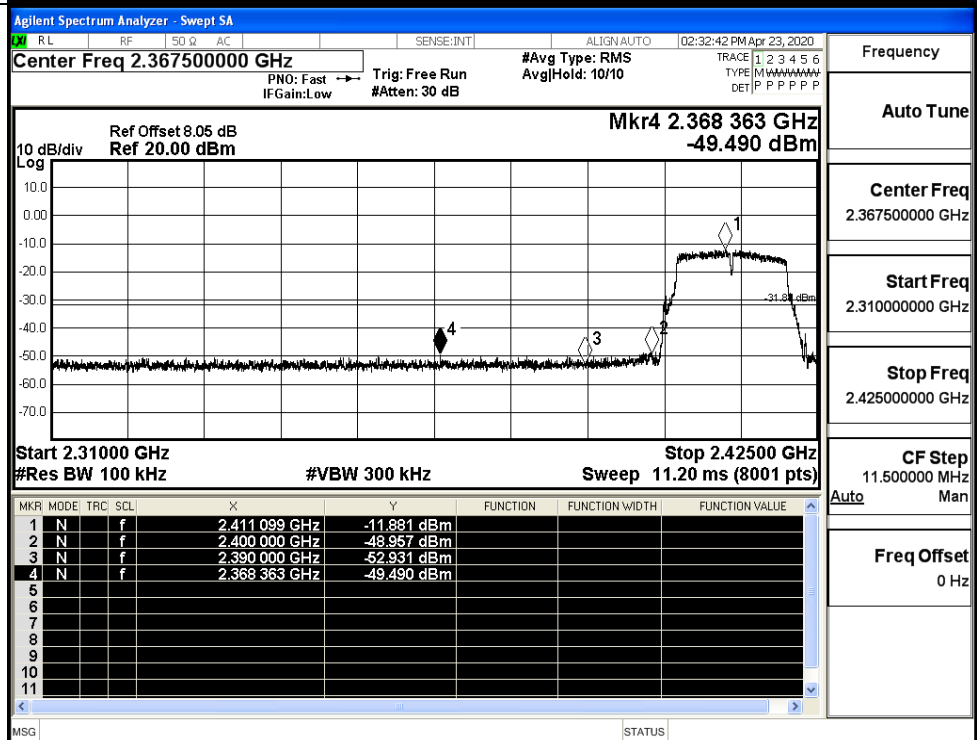
11B/LCH



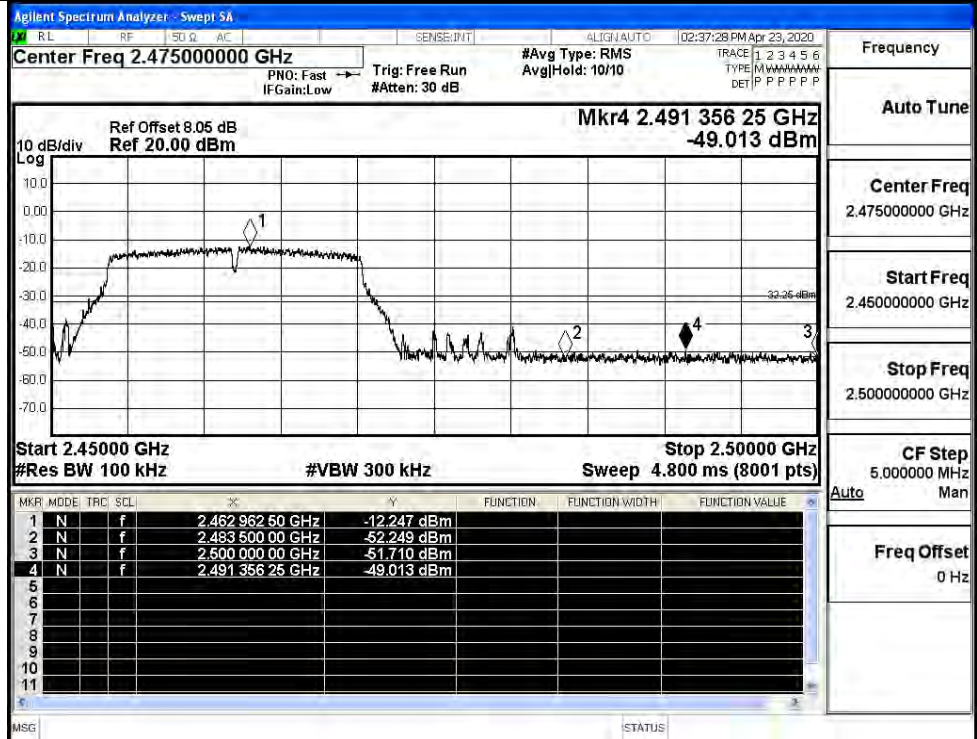
11B/HCH



11G/LCH



11G/HCH



Frequency

Auto Tune

Center Freq
2.475000000 GHz

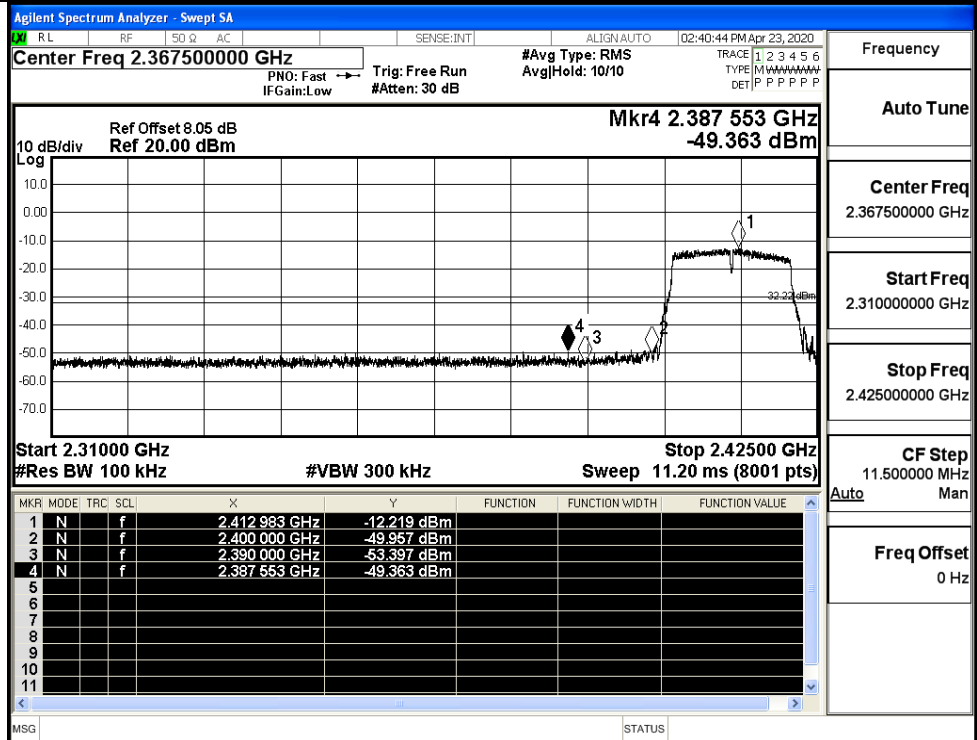
Start Freq
2.450000000 GHz

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 2.47500000 GHz

Ref Offset 8.05 dB
Ref 20.00 dBm

Mkr4 2.492 400 00 GHz
-49.138 dBm

Start 2.45000 GHz
#Res BW 100 kHz

Stop 2.50000 GHz
#VBW 300 kHz
Sweep 4.800 ms (8001 pts)

MRK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.459 750 00 GHz	-12.582 dBm			
2	N		f	2.483 500 00 GHz	-51.443 dBm			
3	N		f	2.500 000 00 GHz	-52.992 dBm			
4	N		f	2.492 400 00 GHz	-49.138 dBm			

MSG STATUS

11N40SISO/LCH

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.377500000 GHz

Ref Offset 8.05 dB
Ref 20.00 dBm

Mkr4 2.385 600 GHz
-50.057 dBm

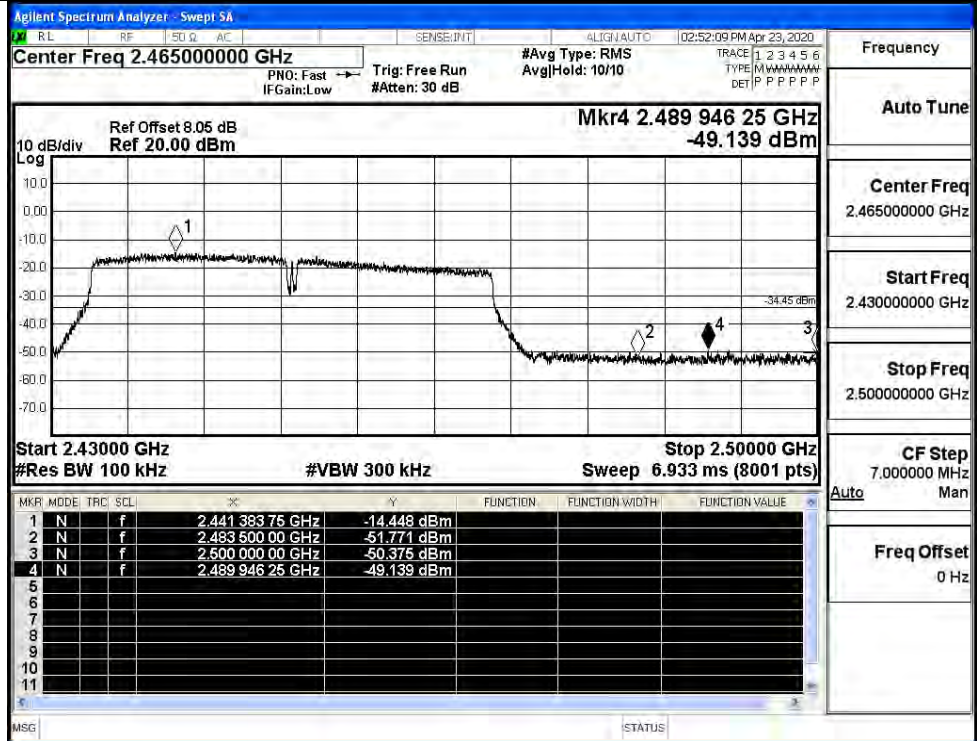
Start 2.31000 GHz
#Res BW 100 kHz

Stop 2.44500 GHz
#VBW 300 kHz
Sweep 13.33 ms (8001 pts)

MRK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.427 264 GHz	-14.756 dBm			
2	N		f	2.400 000 GHz	-54.828 dBm			
3	N		f	2.390 000 GHz	-53.450 dBm			
4	N		f	2.385 600 GHz	-50.057 dBm			

MSG STATUS

11N40SISO/HCH

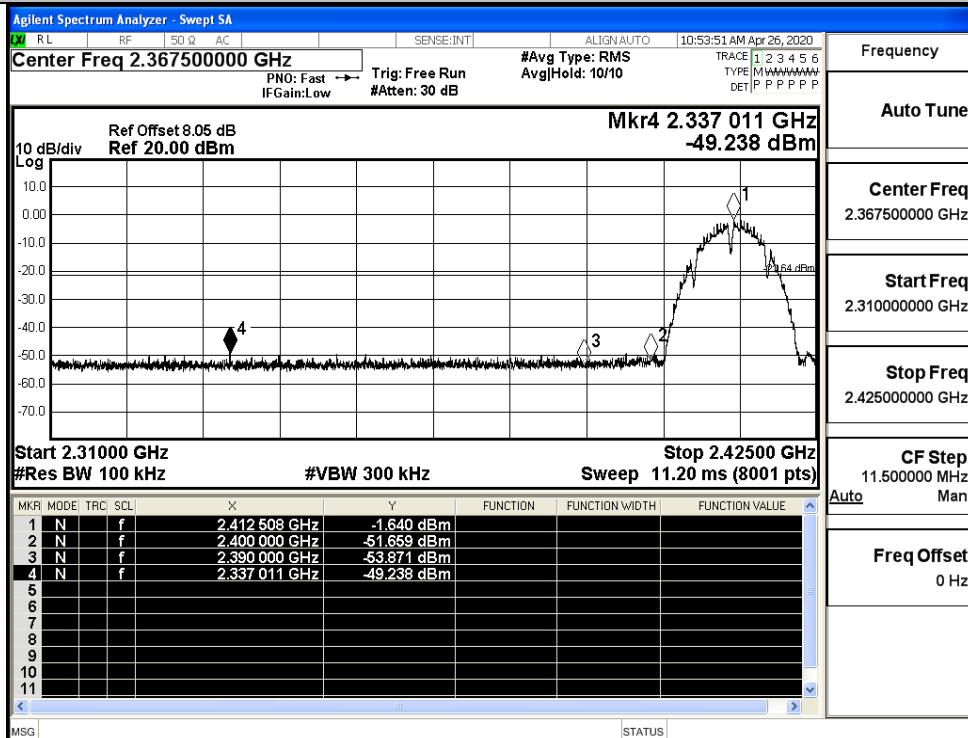


ANT1

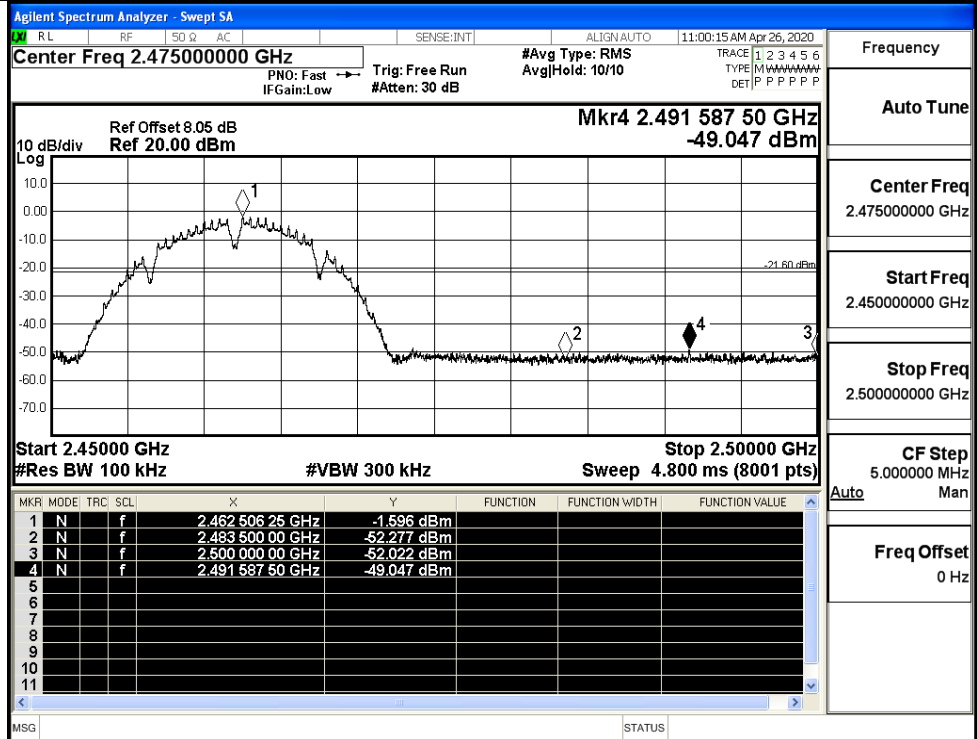
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-1.640	-49.238	-21.64	PASS
	HCH	-1.596	-49.047	-21.6	PASS
11G	LCH	-11.710	-48.631	-31.71	PASS
	HCH	-10.914	-49.271	-30.91	PASS
11N20SISO	LCH	-11.890	-49.708	-31.89	PASS
	HCH	-11.558	-48.324	-31.56	PASS
11N40SISO	LCH	-13.113	-49.971	-33.11	PASS
	HCH	-14.466	-49.238	-34.47	PASS

Test Graphs

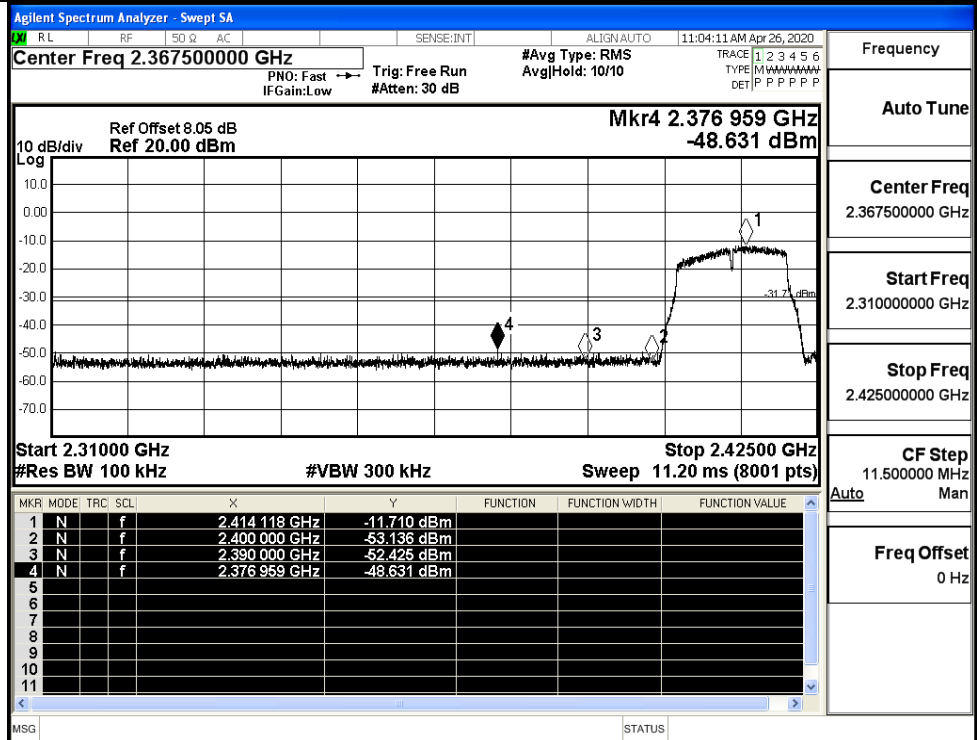
11B/LCH



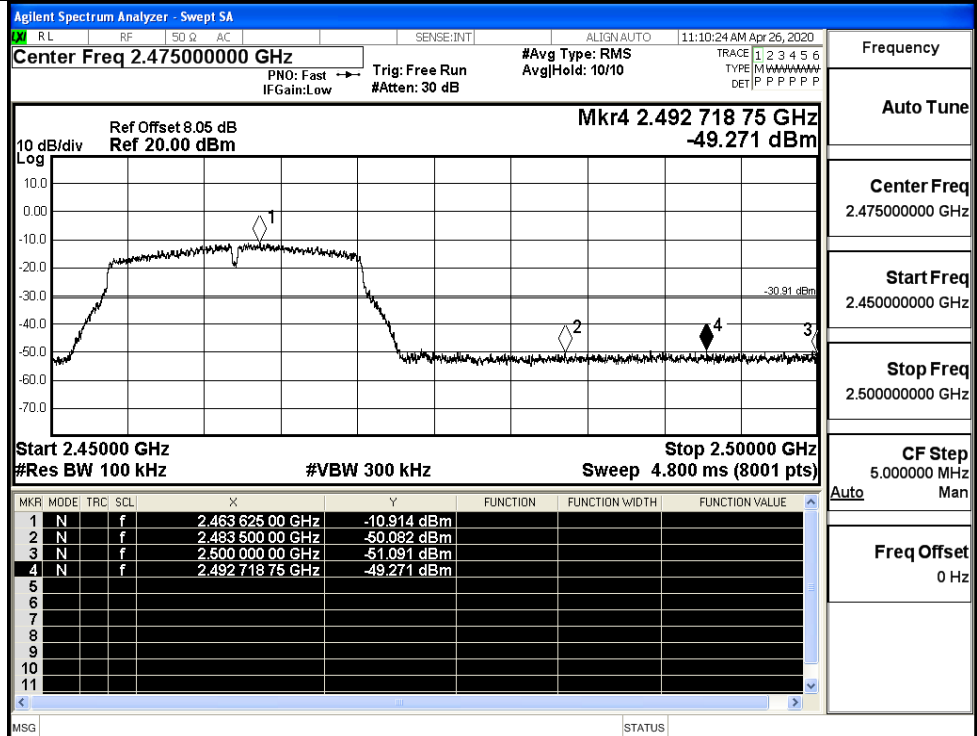
11B/HCH



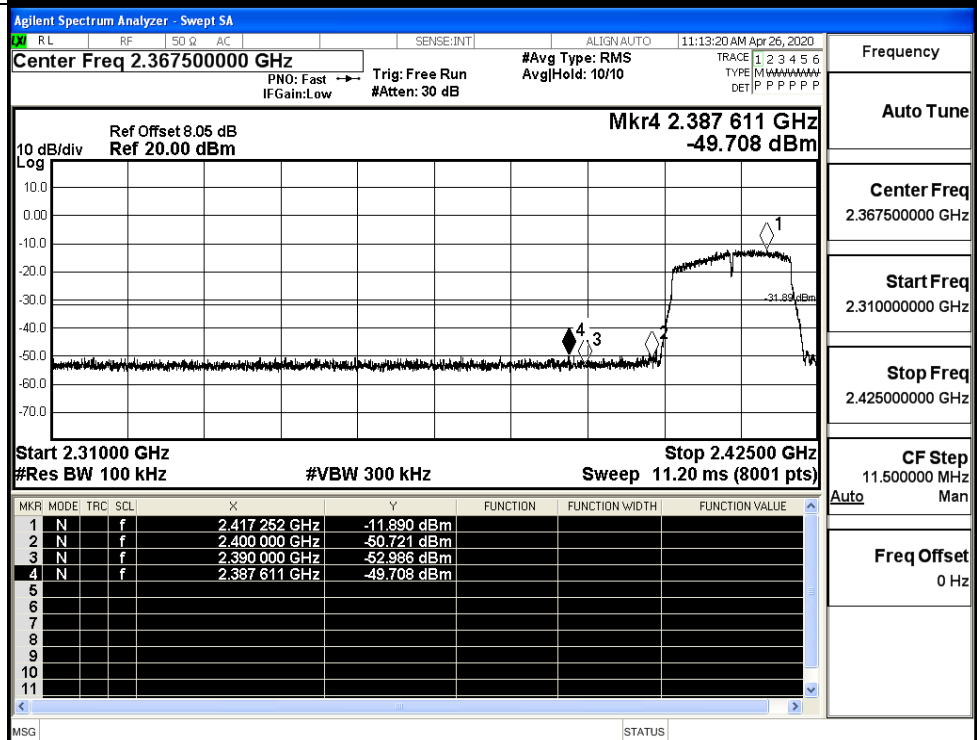
11G/LCH



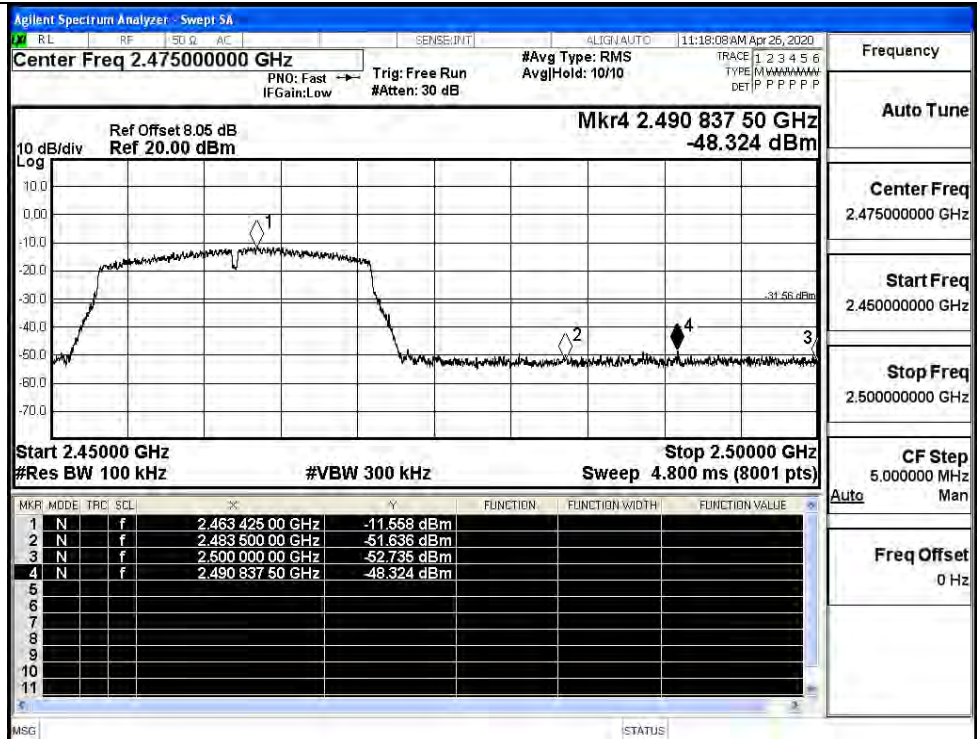
11G/HCH



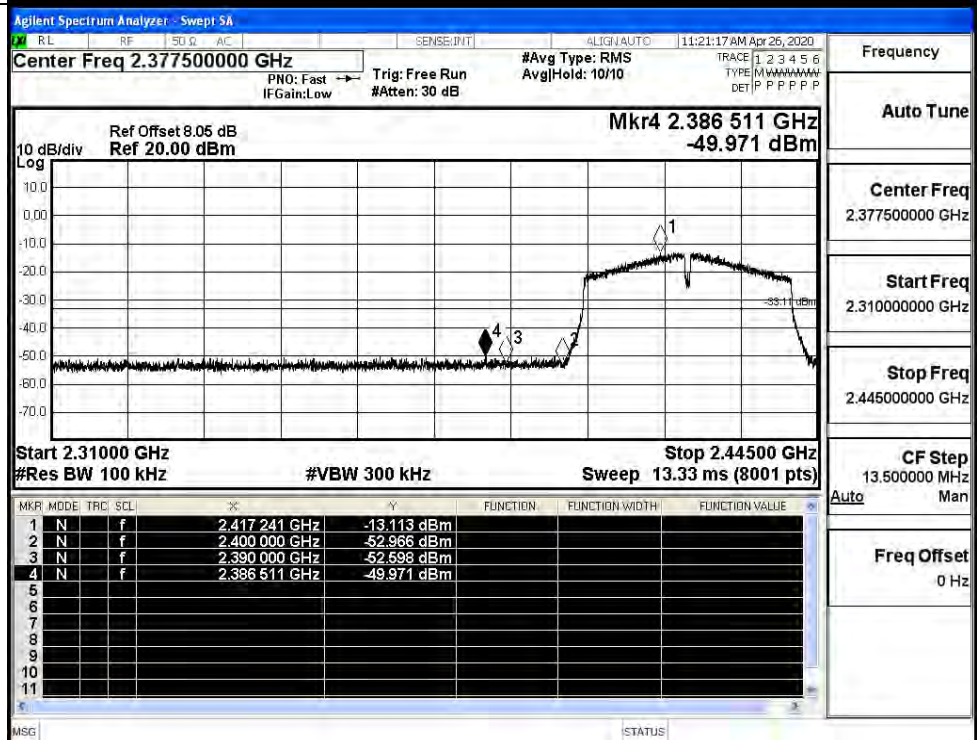
11N20SISO/LCH



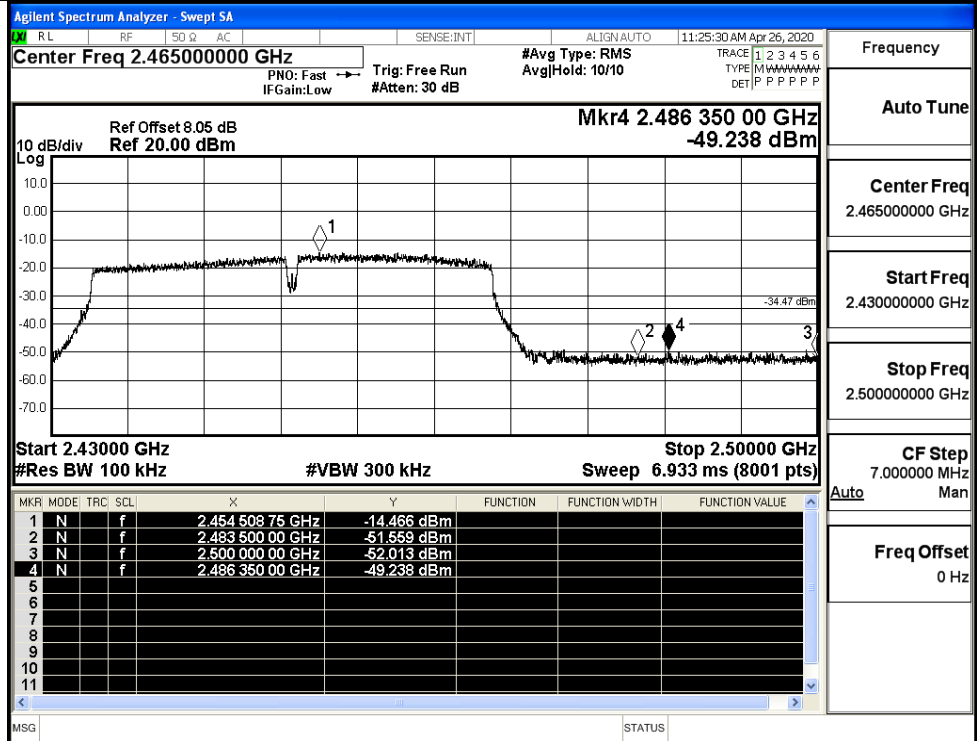
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH



Frequency

Auto Tune

Center Freq
2.465000000 GHz

Start Freq
2.430000000 GHz

Stop Freq
2.500000000 GHz

CF Step
7.000000 MHz
Auto Man

Freq Offset
0 Hz