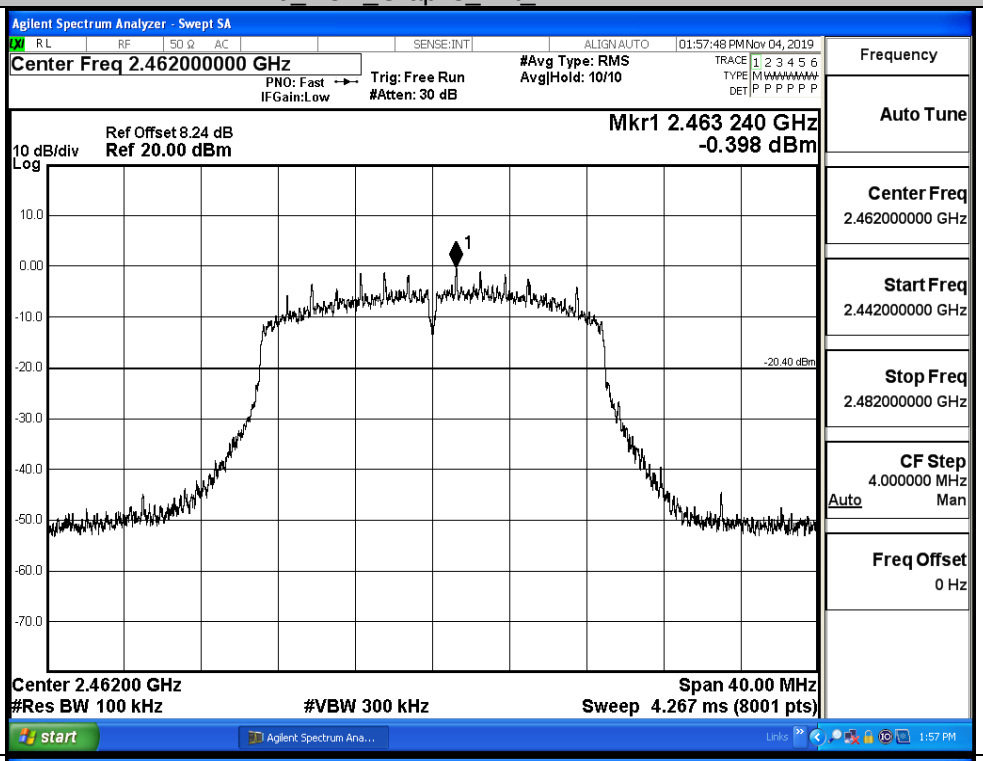
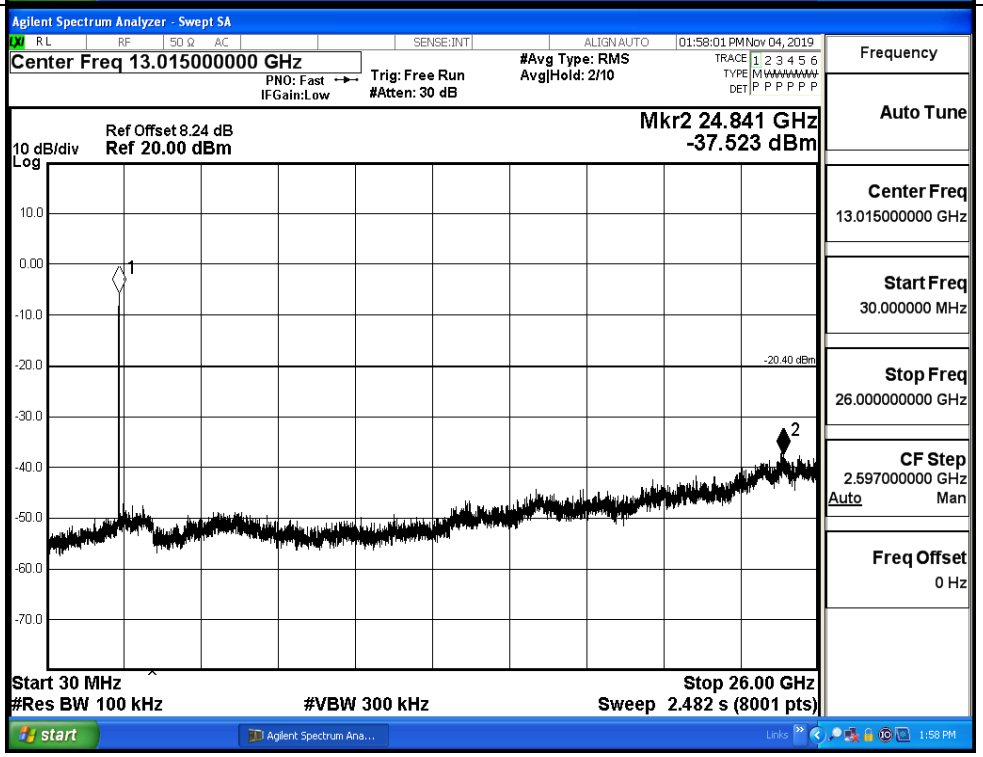
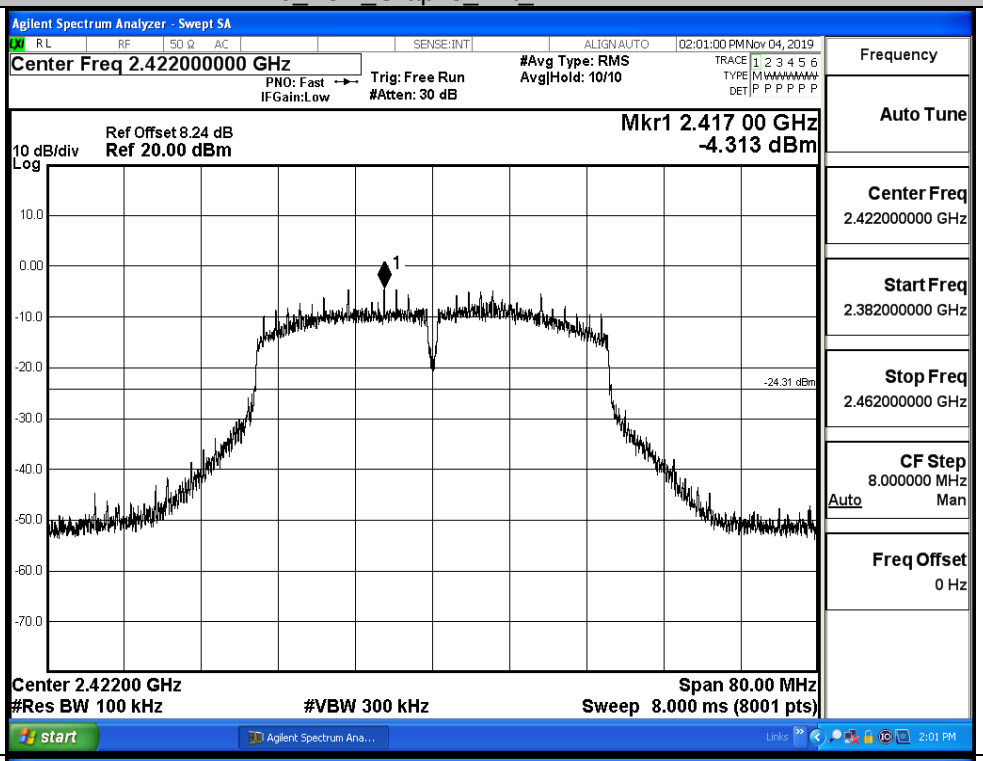
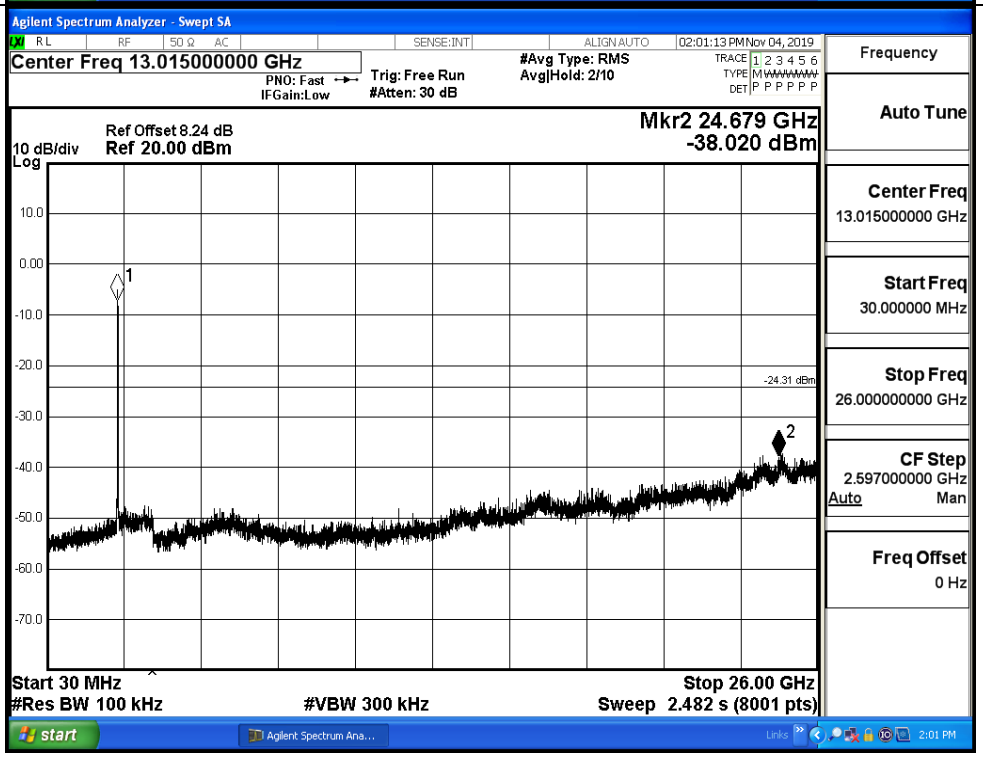
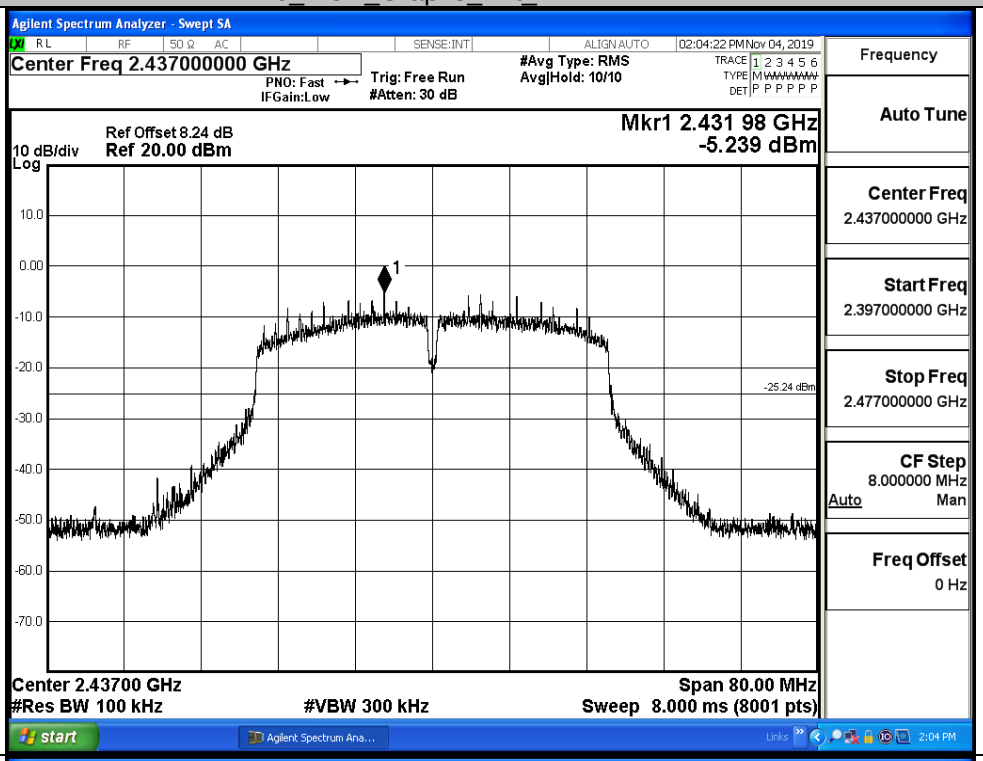
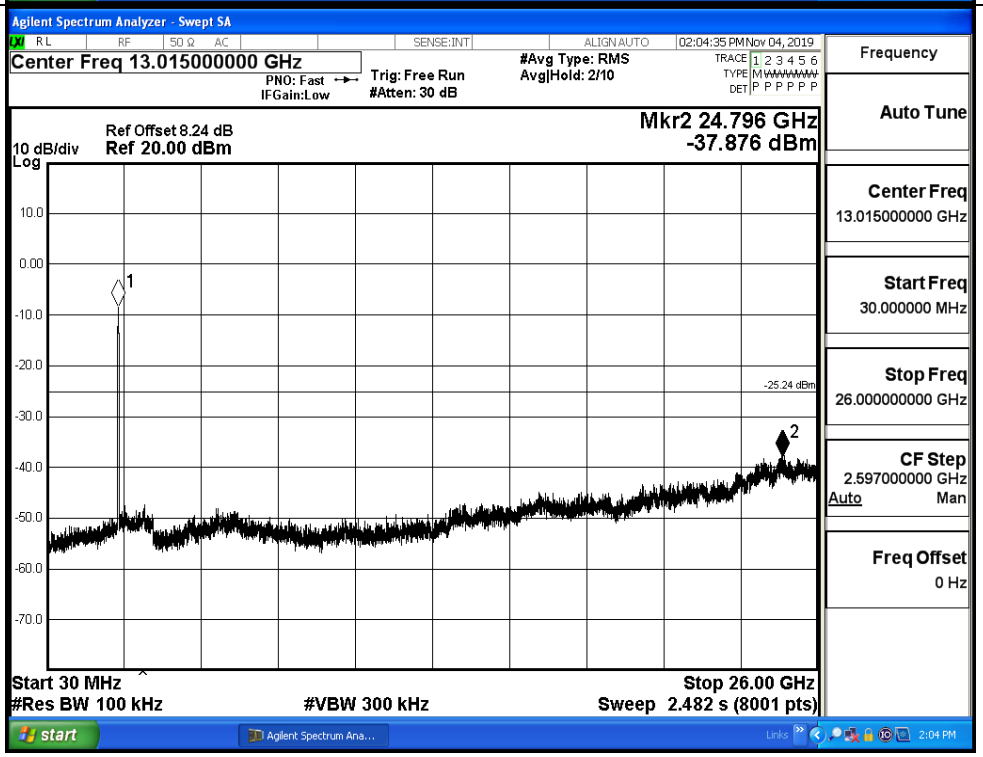
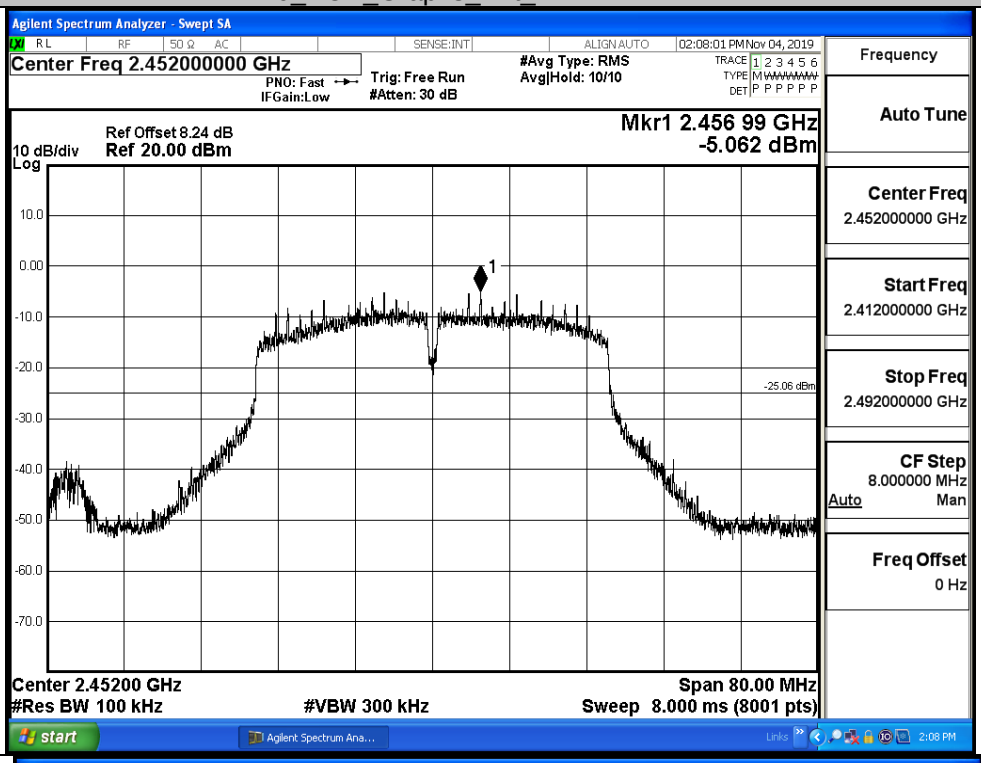
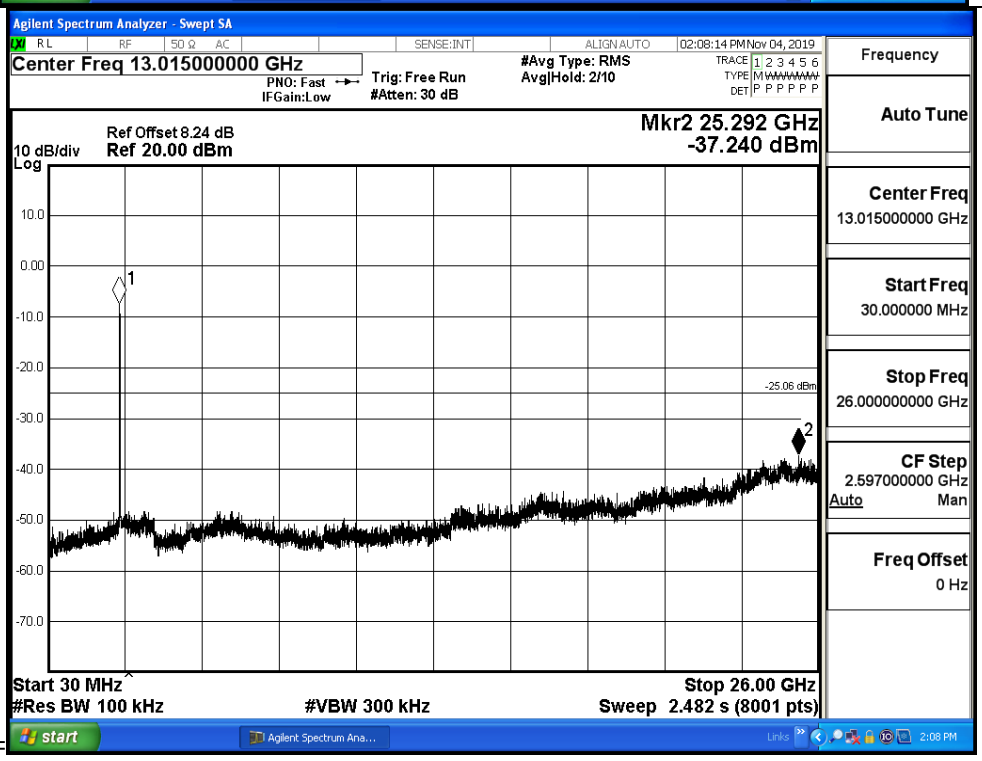
11N20_HCH_Graphs_Ant_1	
Pref/11N20/ HCH	
Puw/11N20/ HCH	

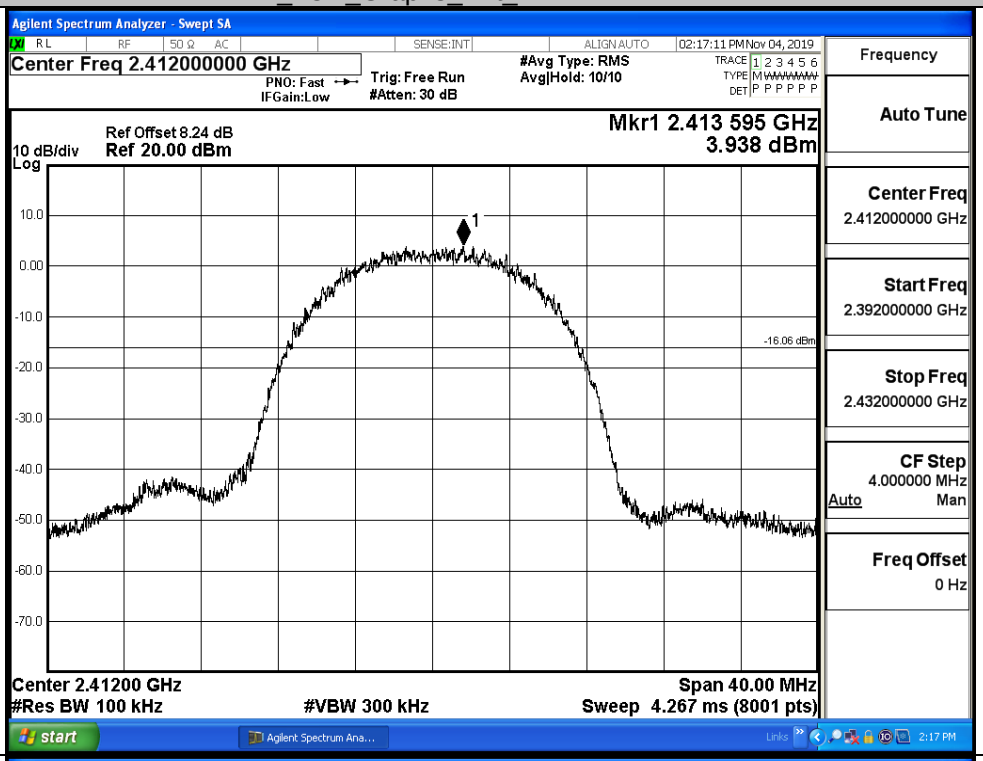
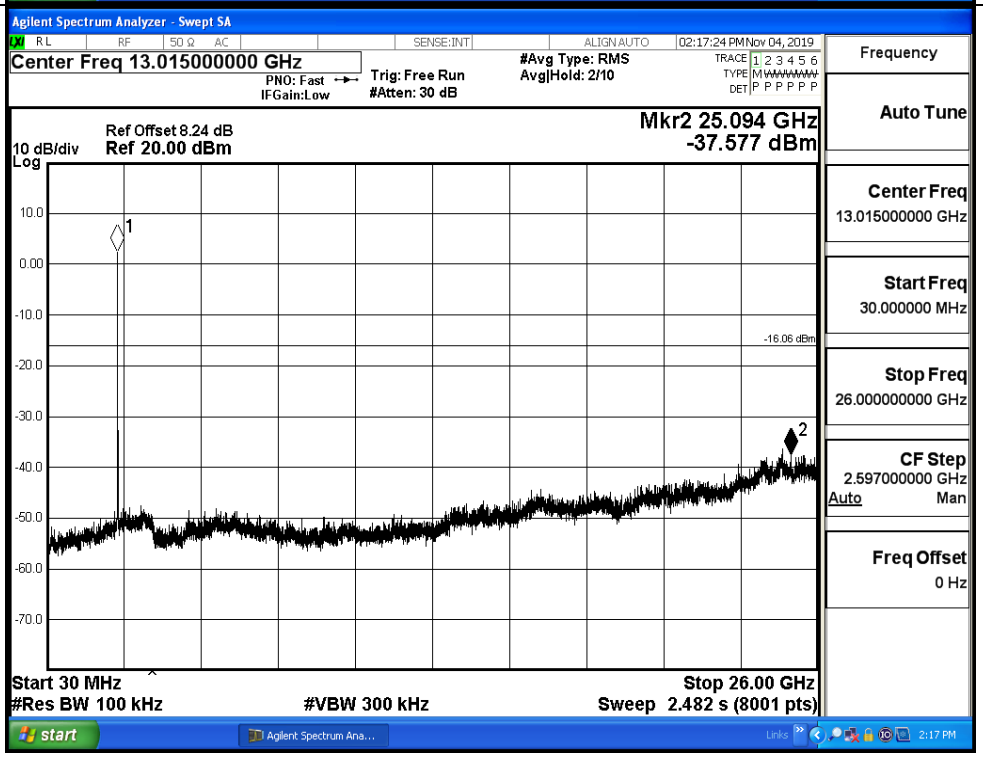
11N40_LCH_Graphs_Ant_1	
Pref/11N40/ LCH	
Puw/11N40/ LCH	

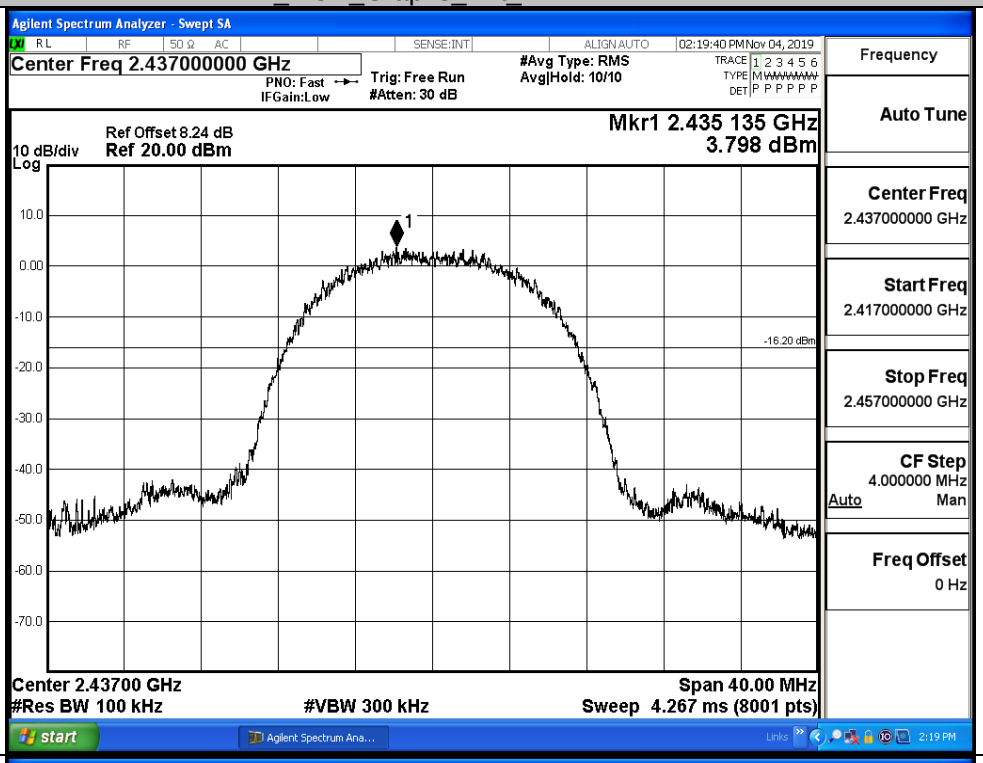
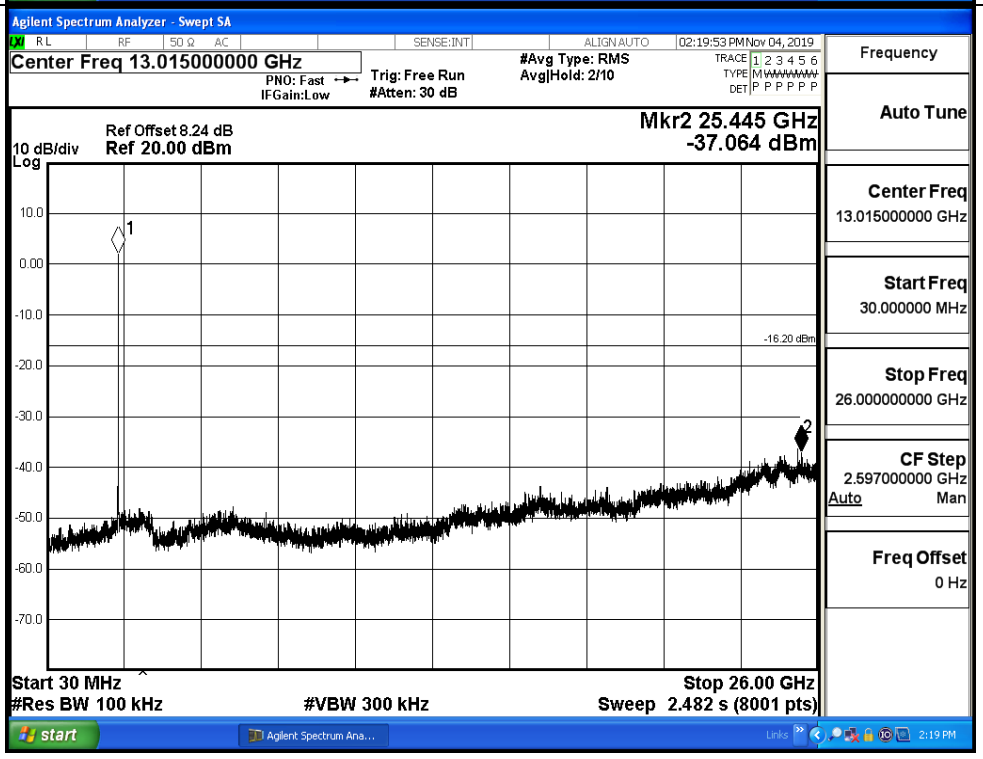
11N40_MCH_Graphs_Ant_1	
Pref/11N40/ MCH	
Puw/11N40/ MCH	

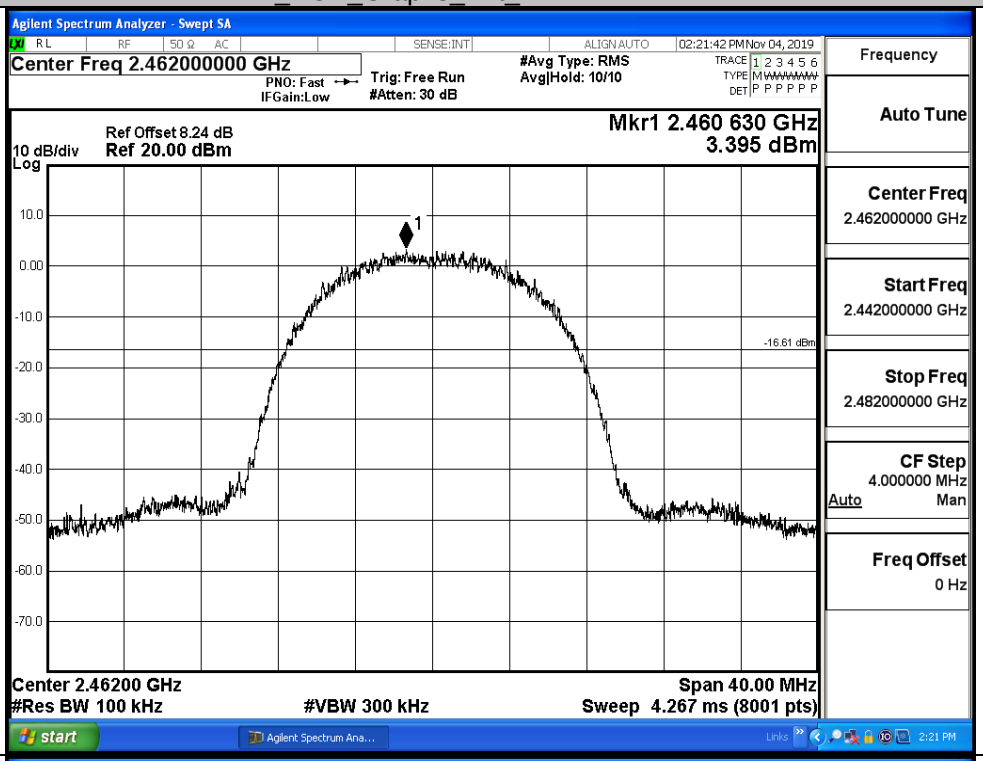
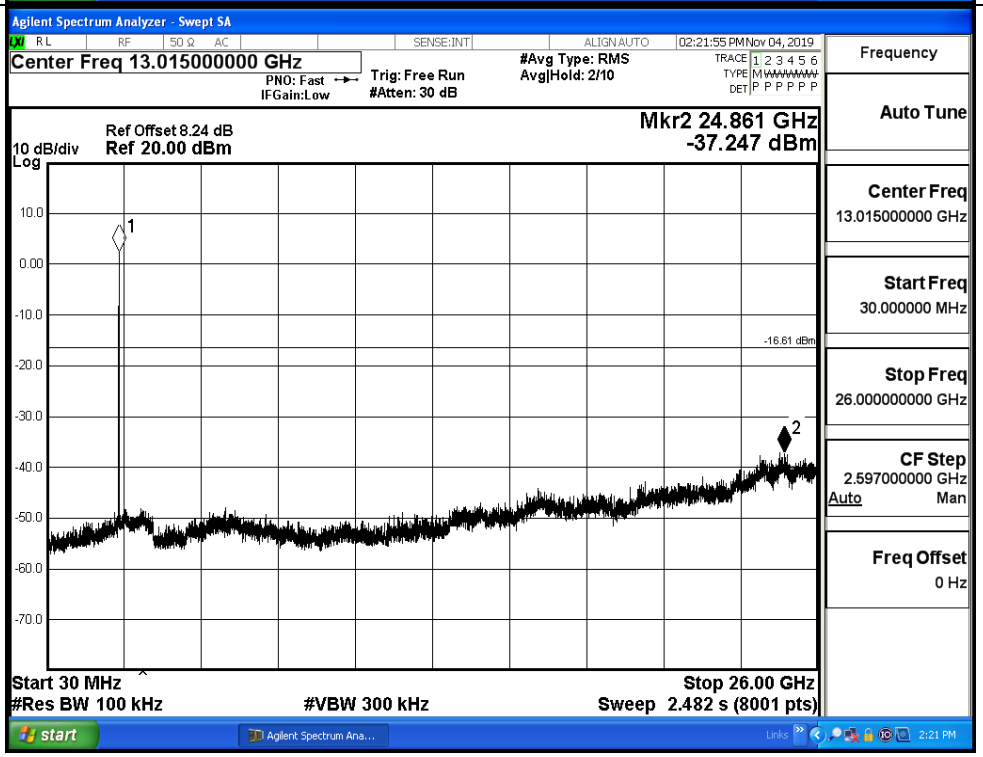
11N40_HCH_Graphs_Ant_1	
Pref/11N40/ HCH	
Puw/11N40/ HCH	

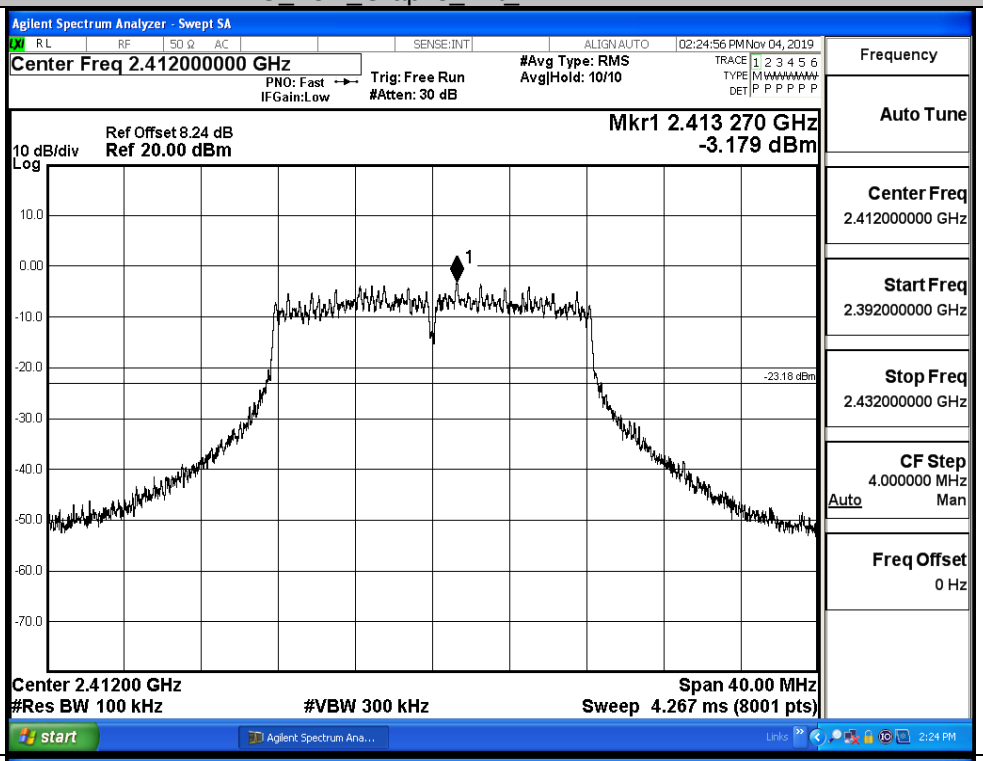
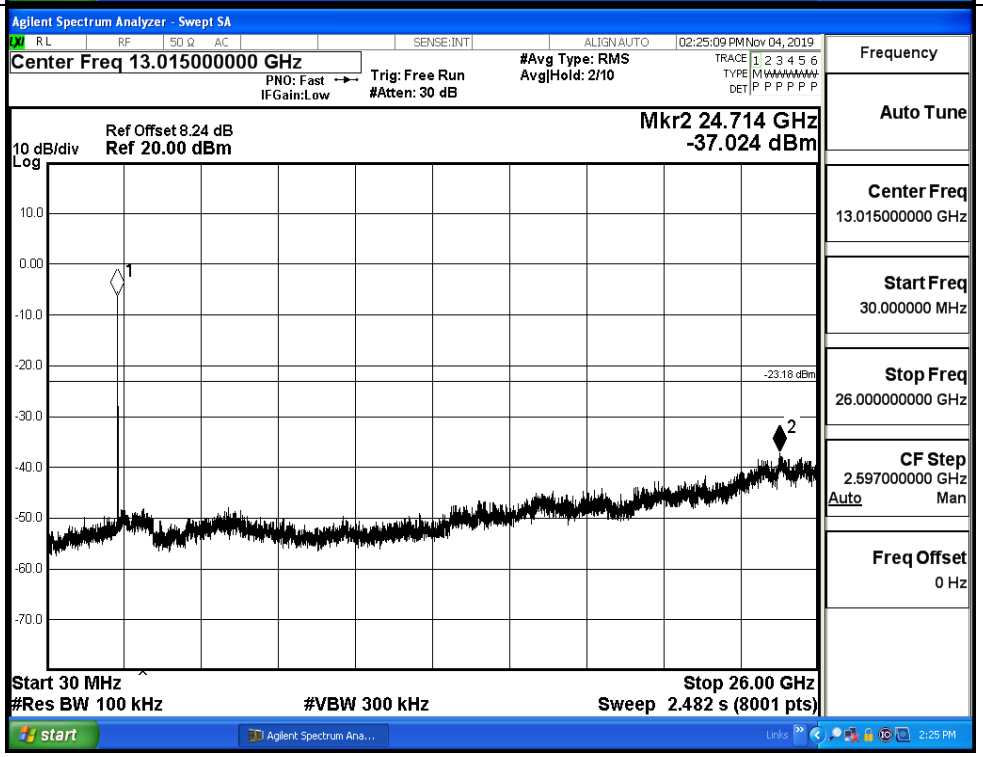
Ant_2

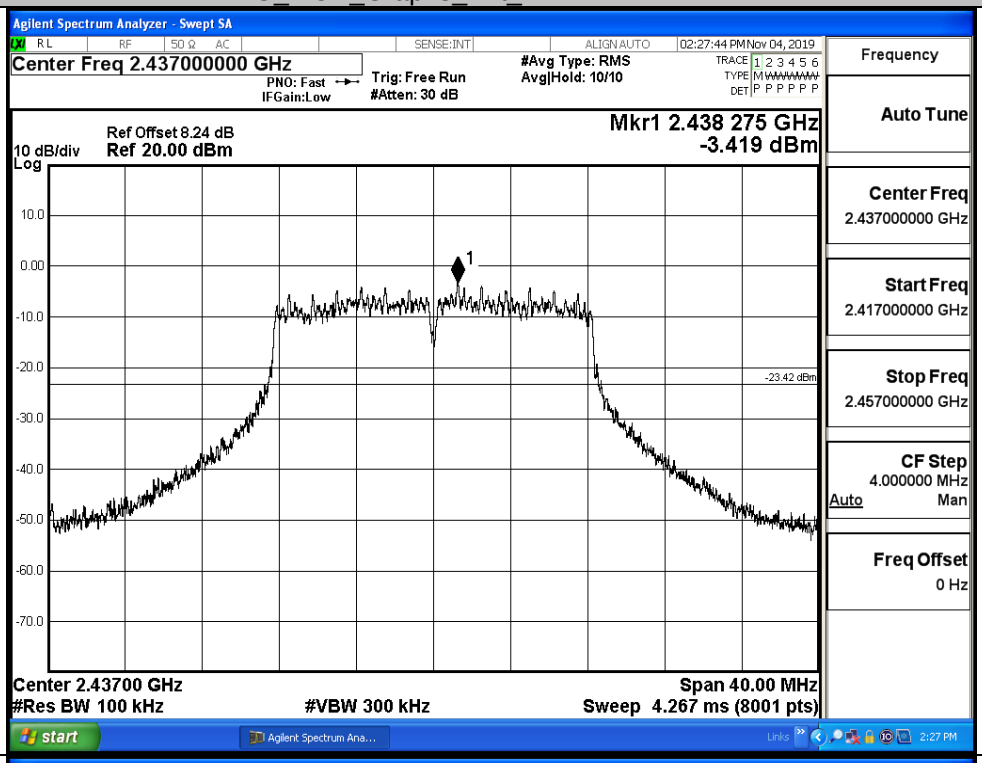
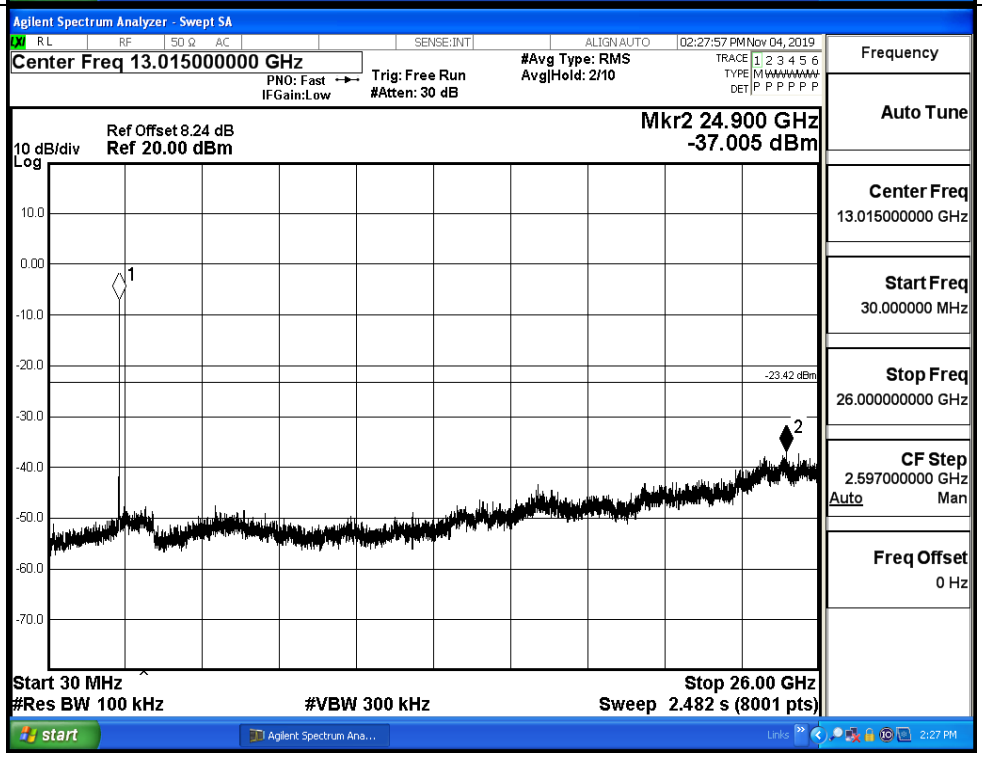
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	3.938	-37.577	-16.062	PASS
	MCH	3.798	-37.064	-16.202	PASS
	HCH	3.395	-37.247	-16.605	PASS
11G	LCH	-3.179	-37.024	-23.179	PASS
	MCH	-3.419	-37.005	-23.419	PASS
	HCH	-3.654	-37.033	-23.654	PASS
11N20	LCH	-0.079	-37.184	-20.079	PASS
	MCH	-1.681	-37.198	-21.681	PASS
	HCH	-0.648	-37.823	-20.648	PASS
11N40	LCH	-5.084	-36.870	-25.084	PASS
	MCH	-5.444	-37.378	-25.444	PASS
	HCH	-5.341	-37.673	-25.341	PASS

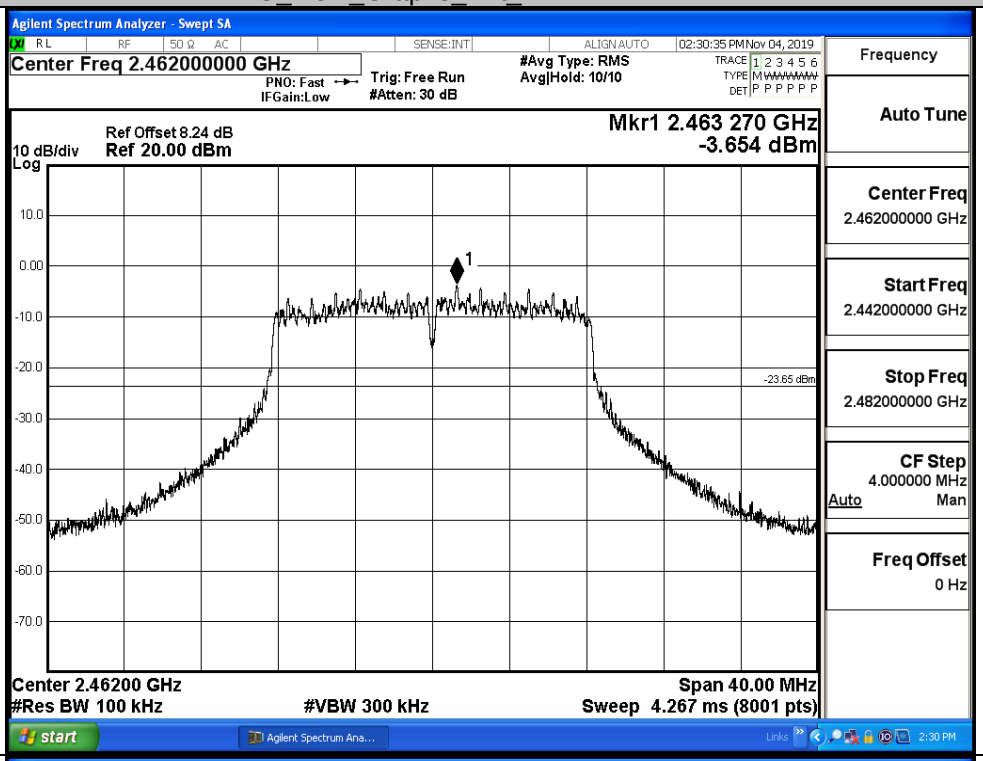
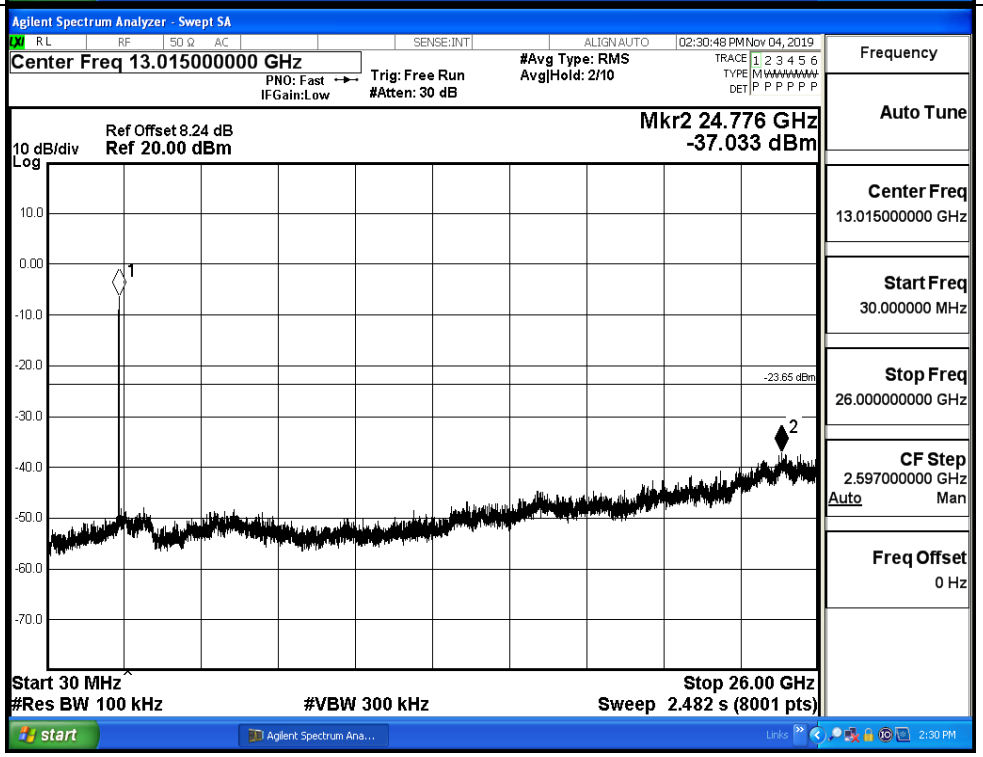
11B_LCH_Graphs_Ant_2	
Pref/11B/LCH	
Puw/11B/LCH	

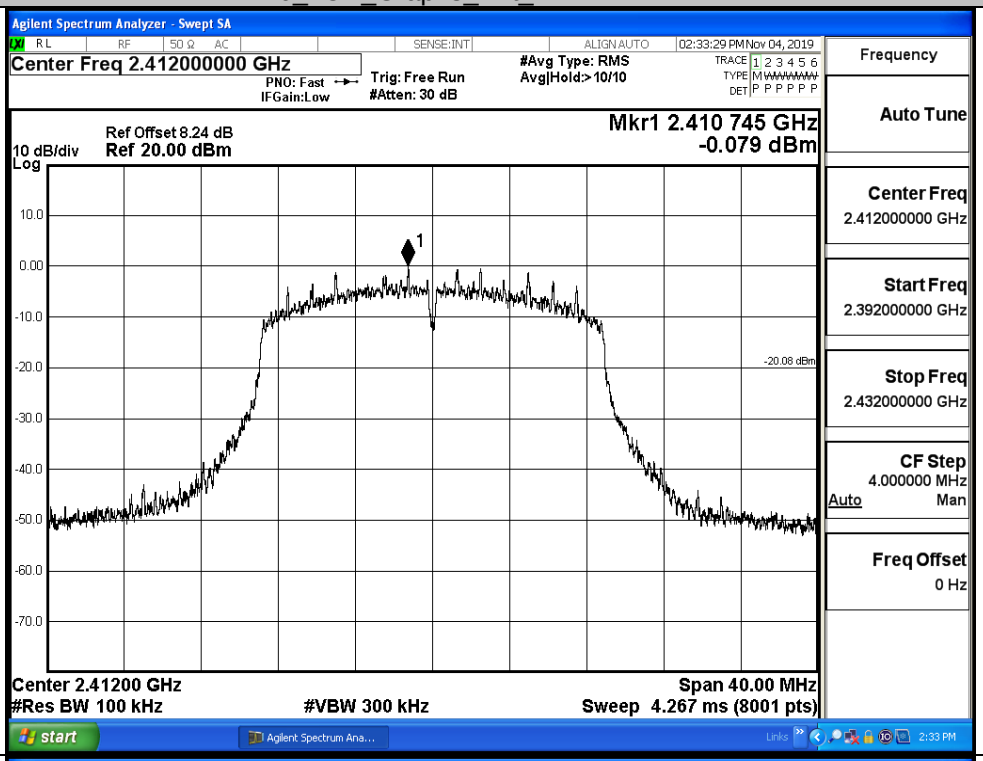
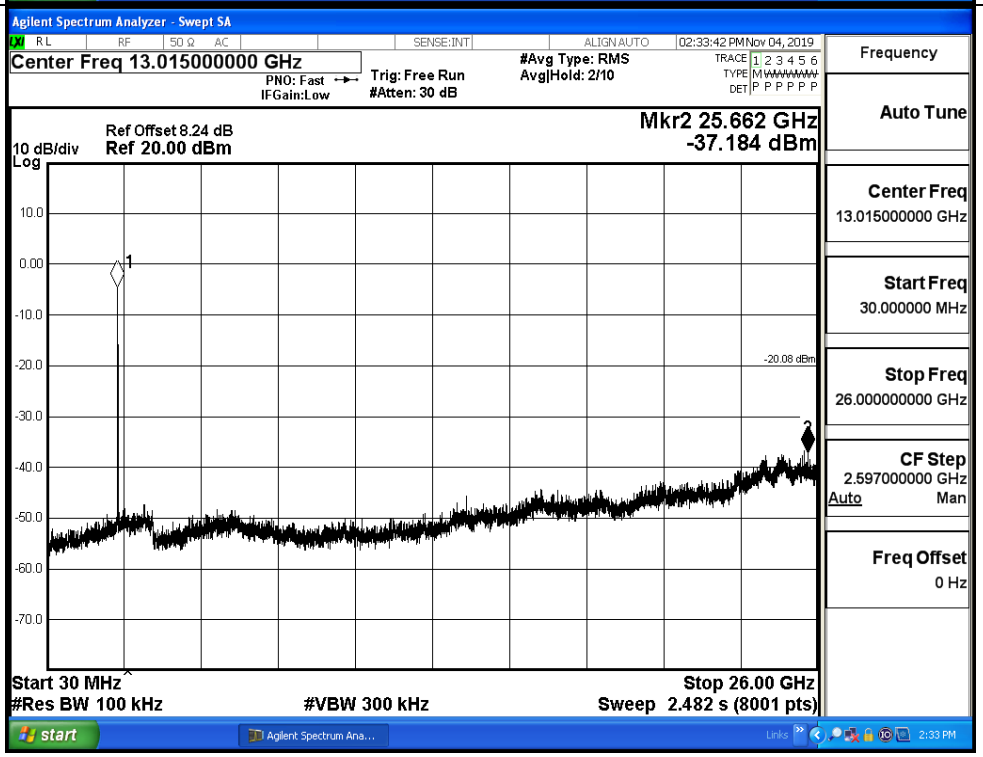
11B_MCH_Graphs_Ant_2	
Pref/11B/MCH	
Puw/11B/MCH	

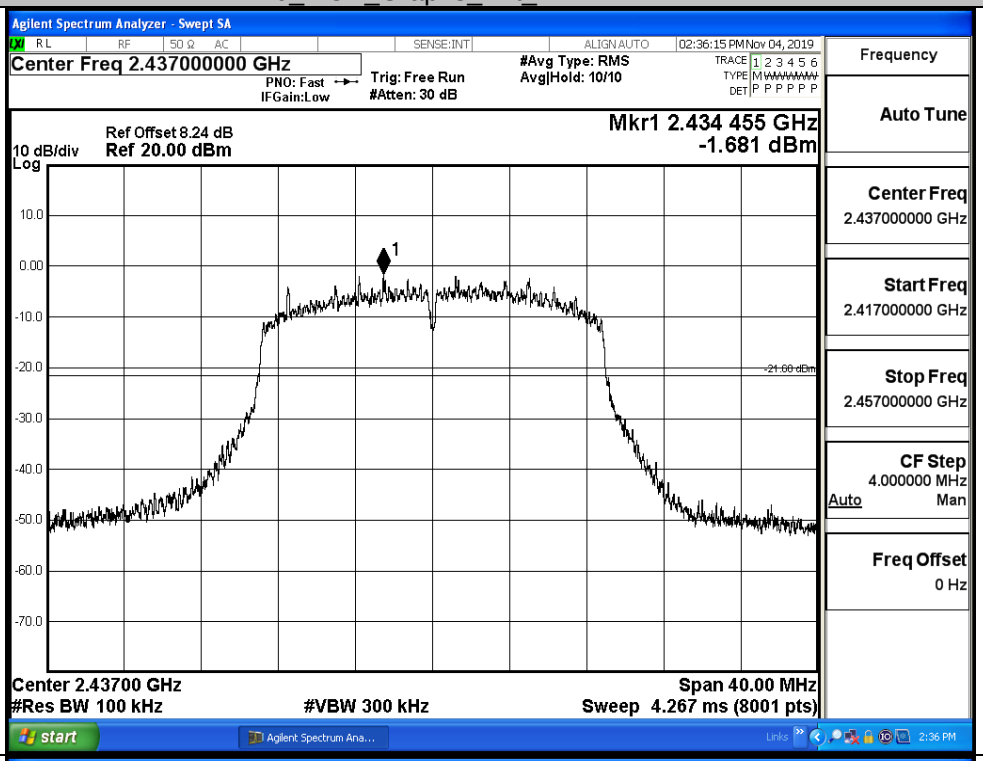
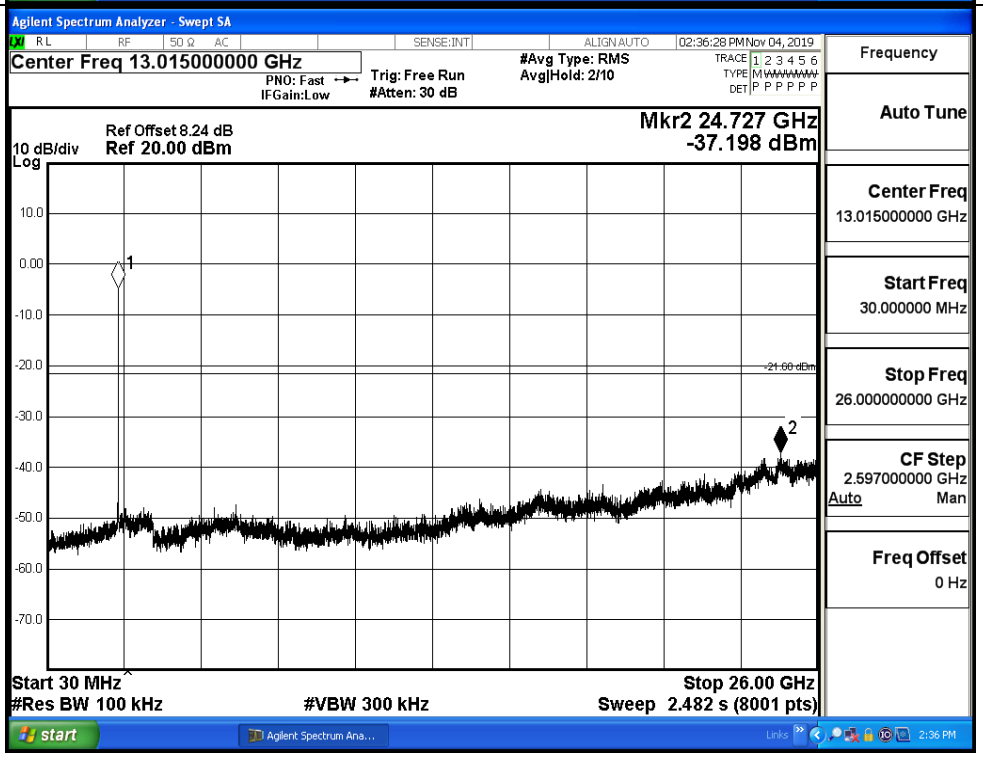
11B_HCH_Graphs_Ant_2	
Pref/11B/HCH	
Puw/11B/HCH	

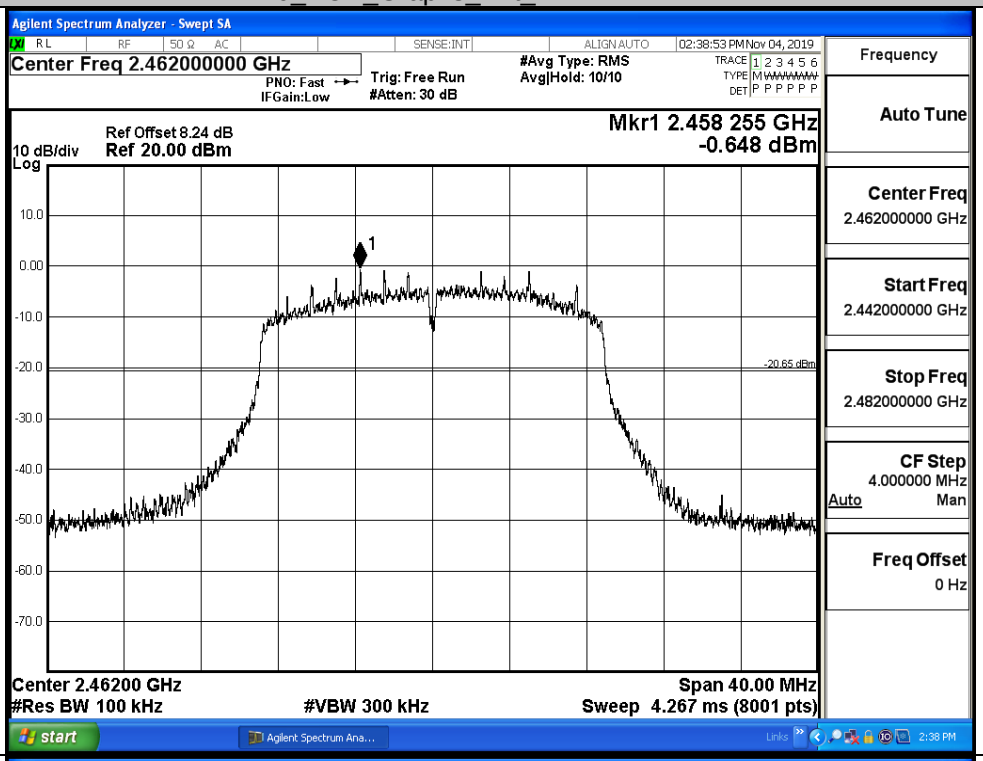
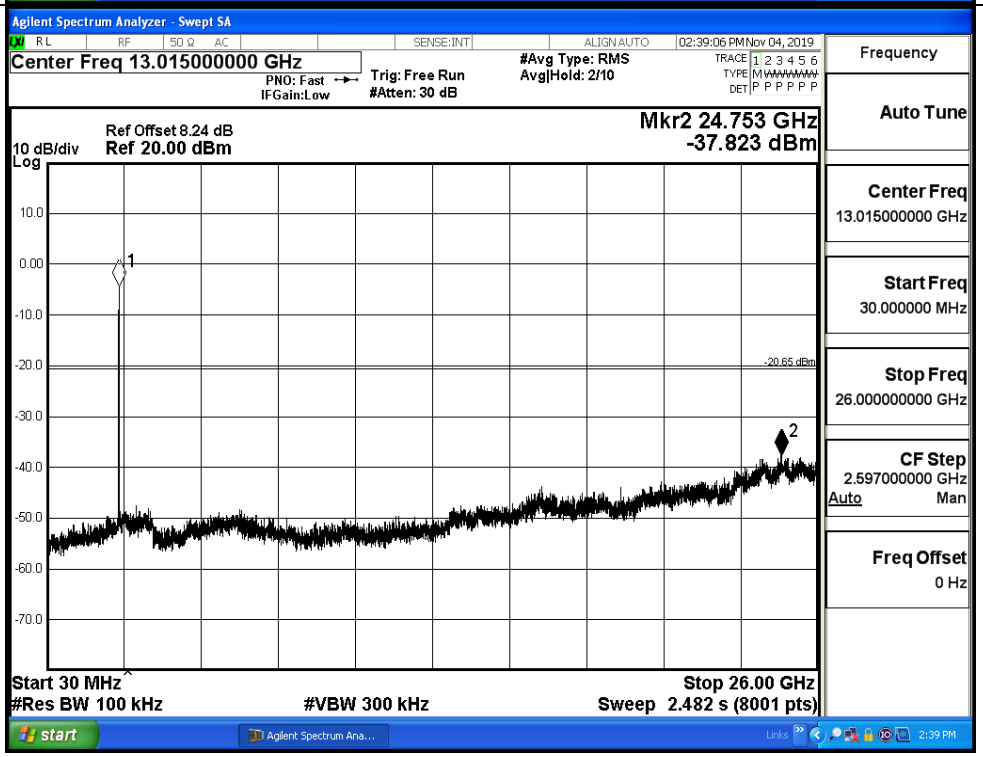
11G_LCH_Graphs_Ant_2	
Pref/11G/LCH	
Puw/11G/LCH	

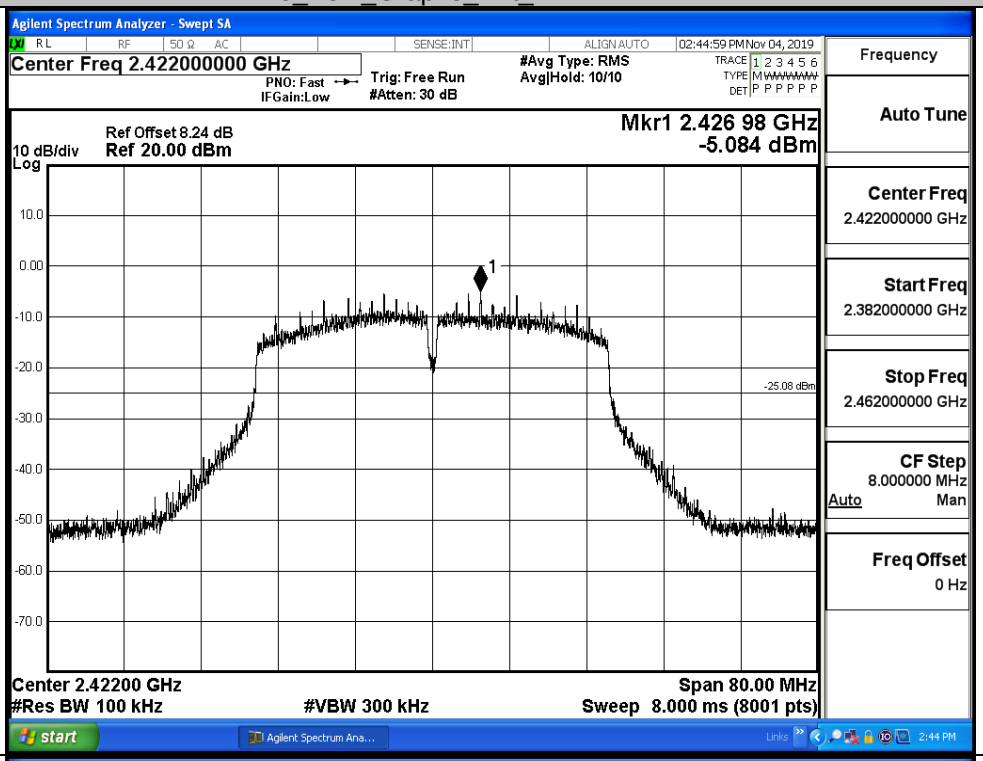
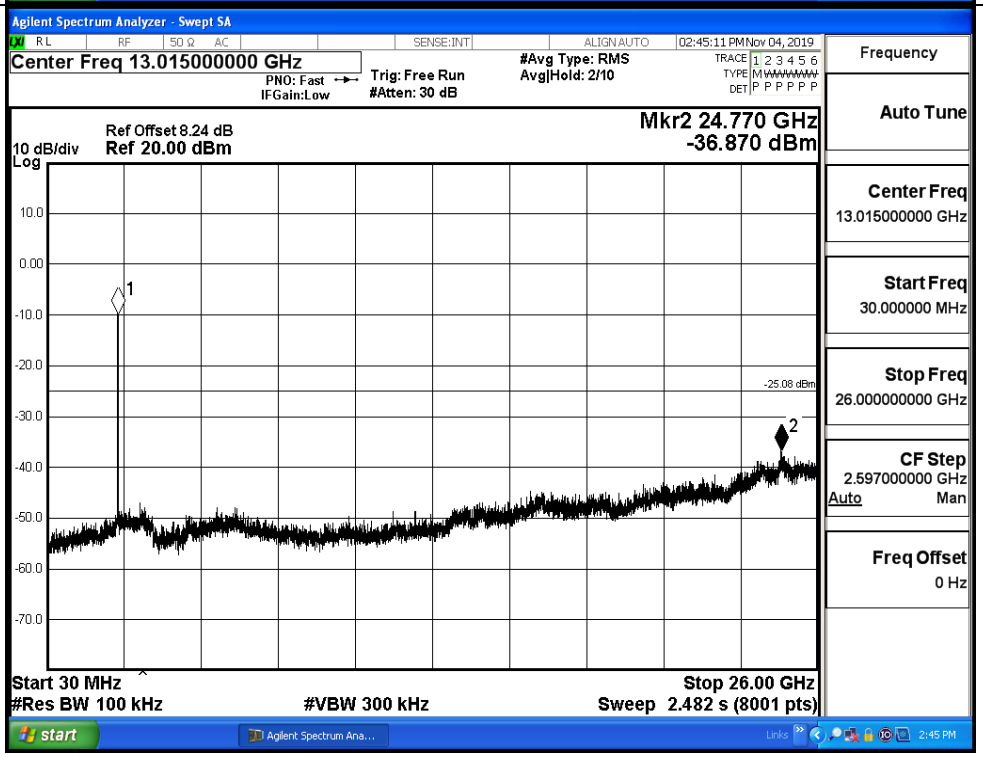
11G_MCH_Graphs_Ant_2	
Pref/11G/MCH	
Puw/11G/MCH	

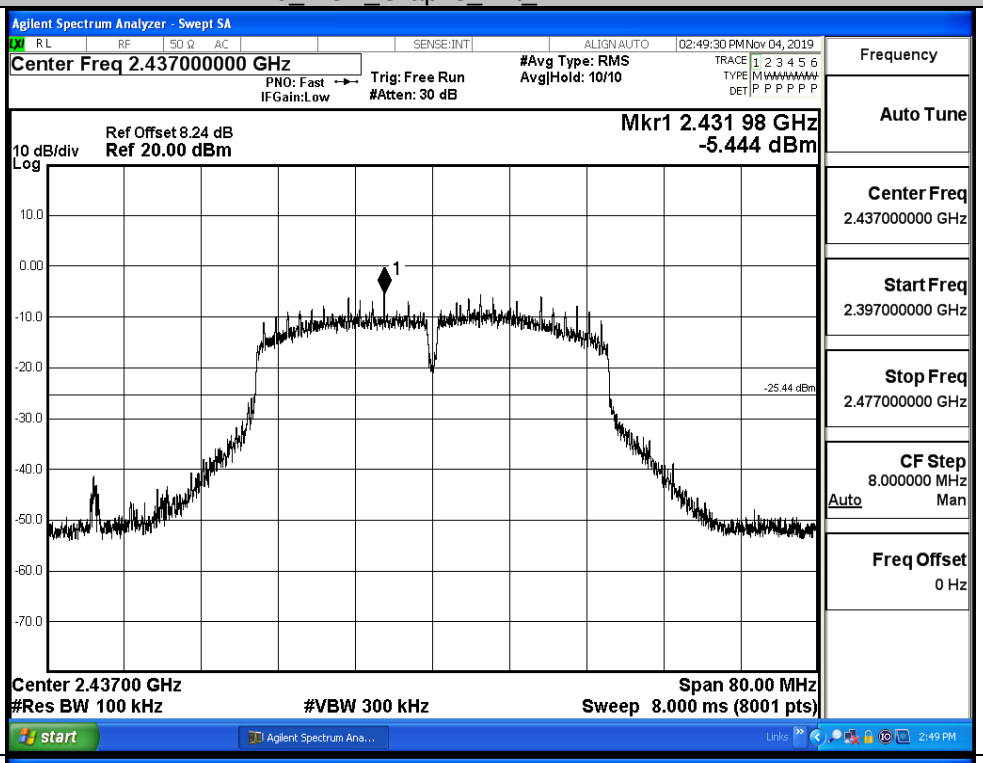
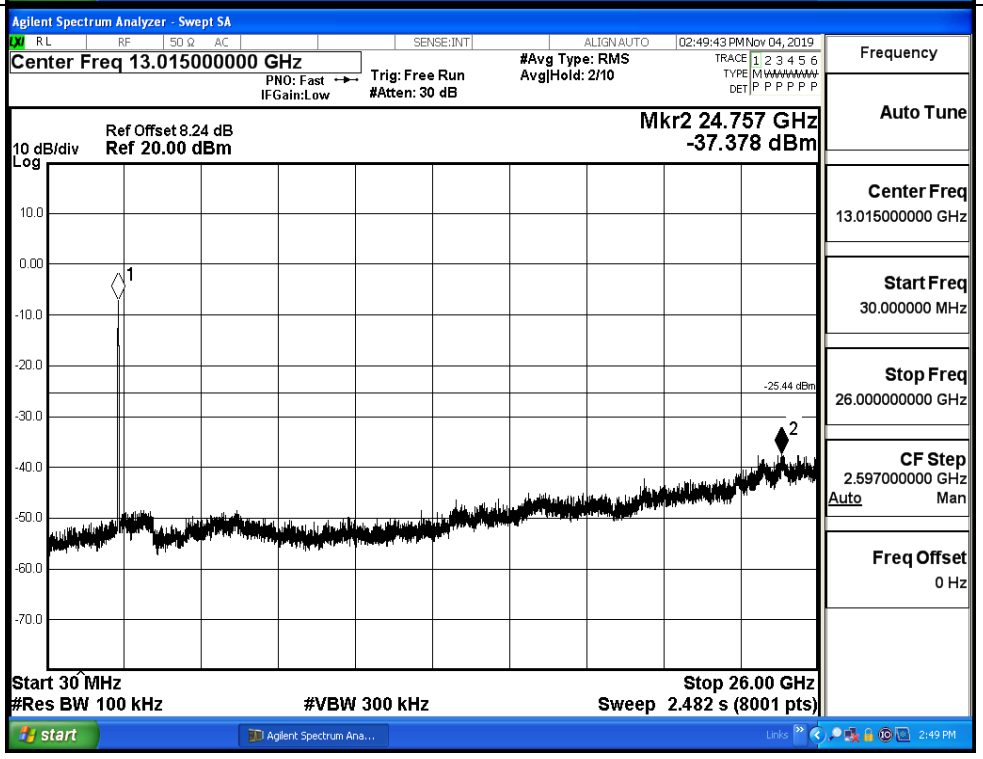
11G_HCH_Graphs_Ant_2	
Pref/11G/HCH	
Puw/11G/HCH	

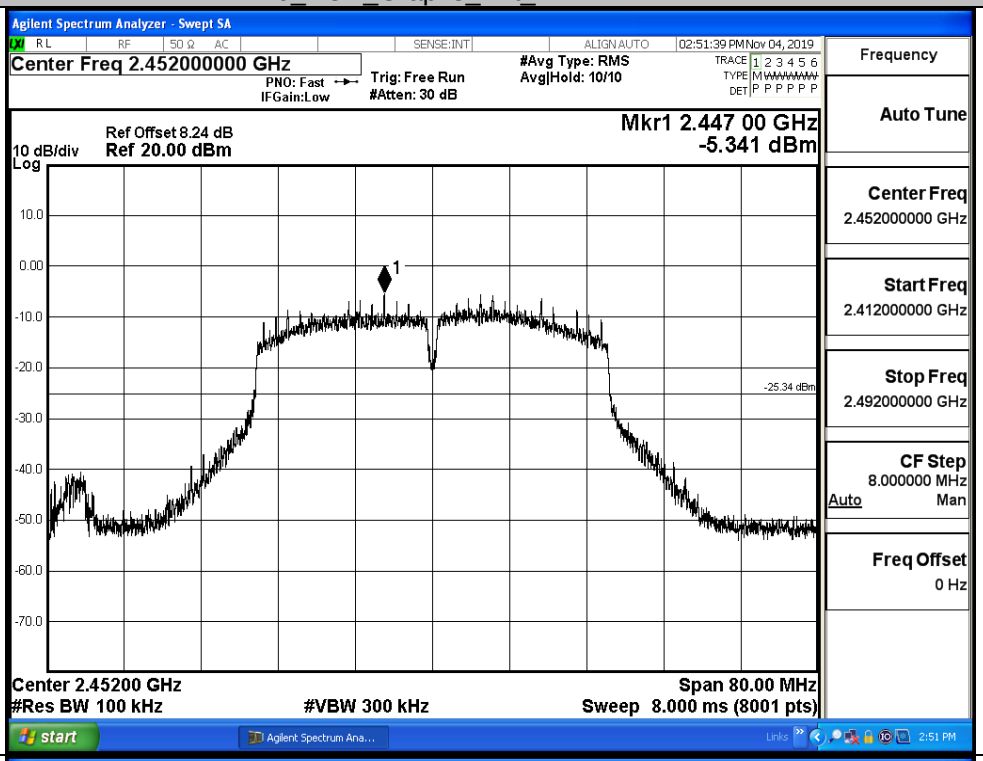
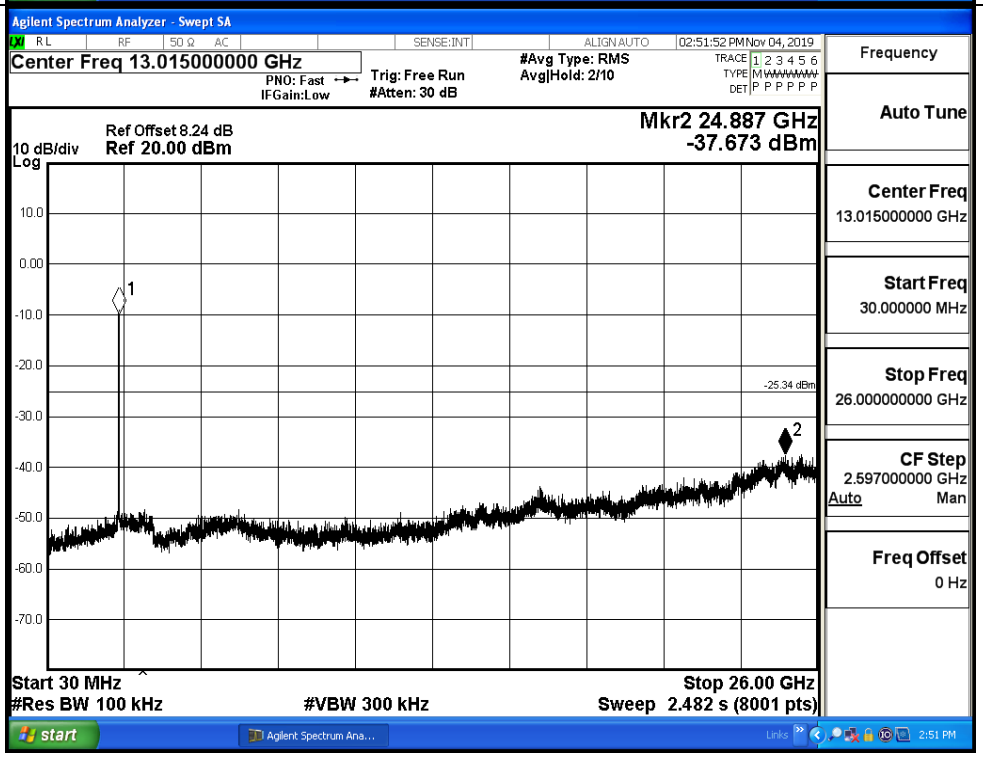
11N20_LCH_Graphs_Ant_2	
Pref/11N20/ LCH	
Puw/11N20/ LCH	

11N20_MCH_Graphs_Ant_2	
Pref/11N20/ MCH	
Puw/11N20/ MCH	

11N20_HCH_Graphs_Ant_2	
Pref/11N20/ HCH	
Puw/11N20/ HCH	

11N40_LCH_Graphs_Ant_2	
Pref/11N40/ LCH	
Puw/11N40/ LCH	

11N40_MCH_Graphs_Ant_2	
Pref/11N40/ MCH	
Puw/11N40/ MCH	

11N40_HCH_Graphs_Ant_2	
Pref/11N40/ HCH	
Puw/11N40/ HCH	

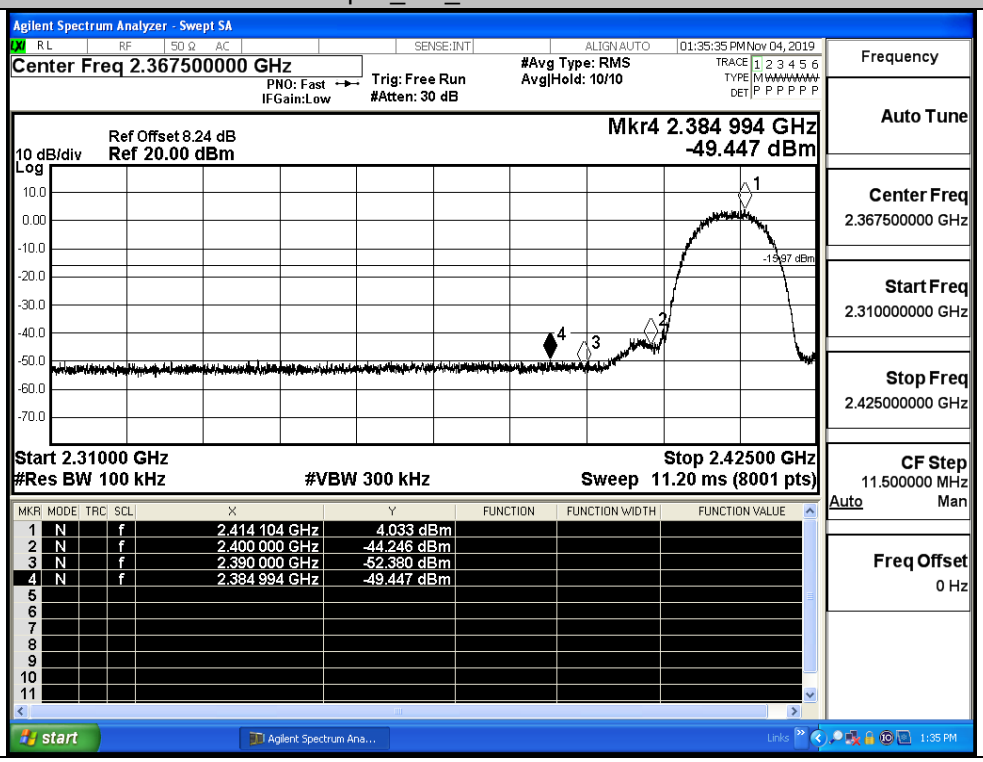
A.6 Band-edge for RF Conducted Emissions

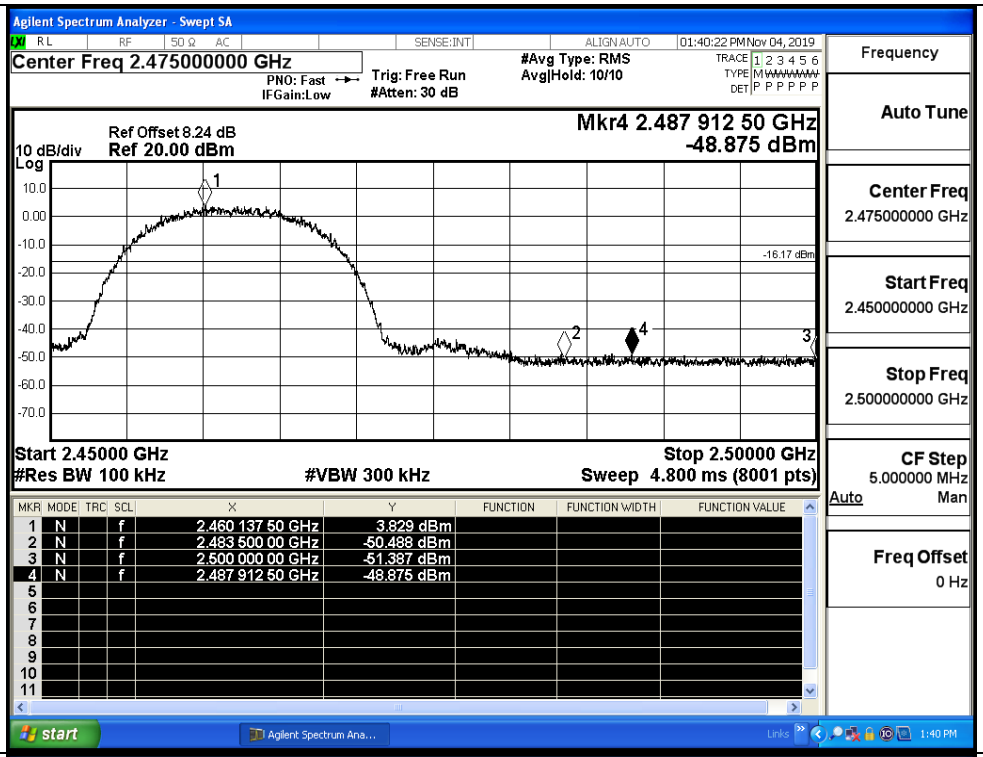
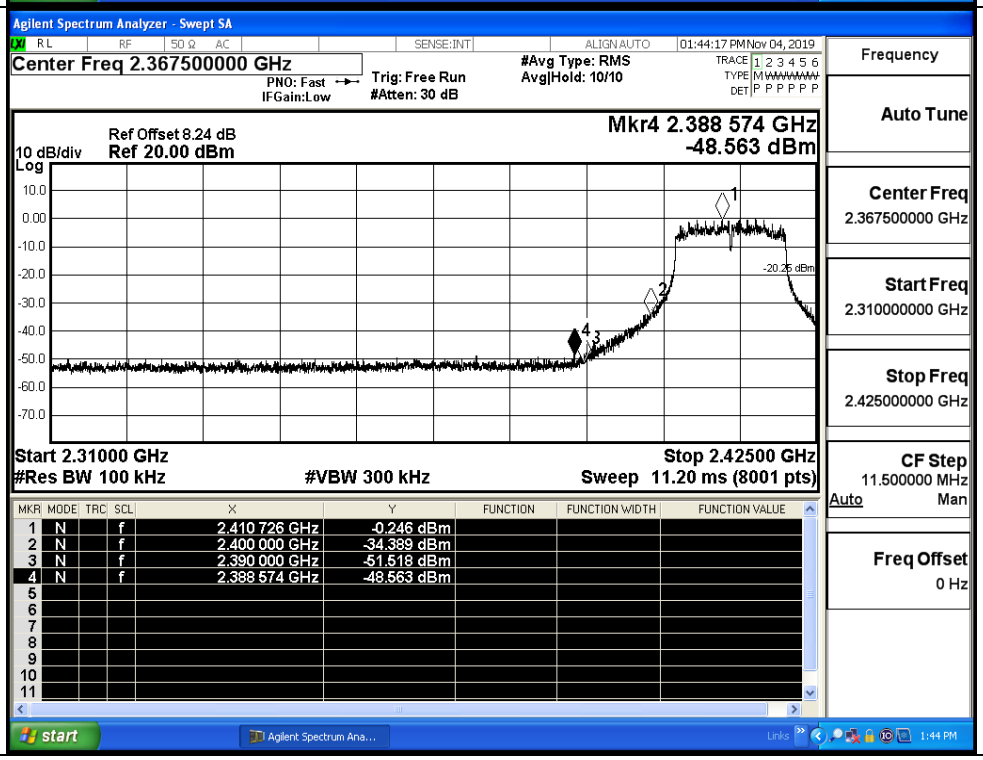
Ant_1

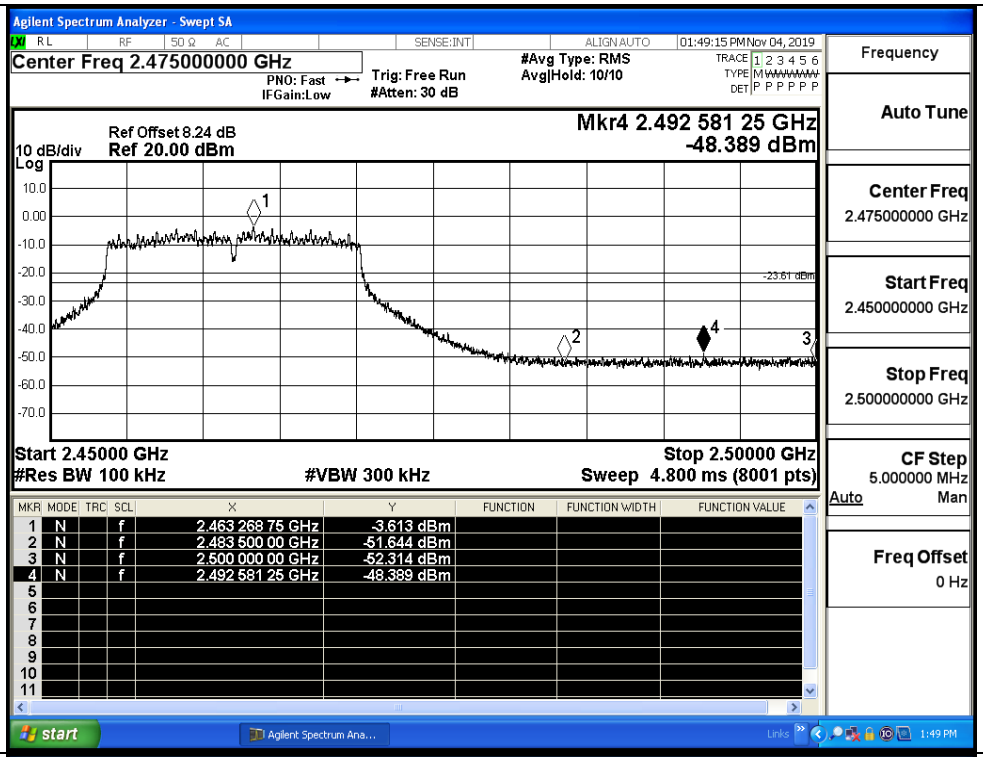
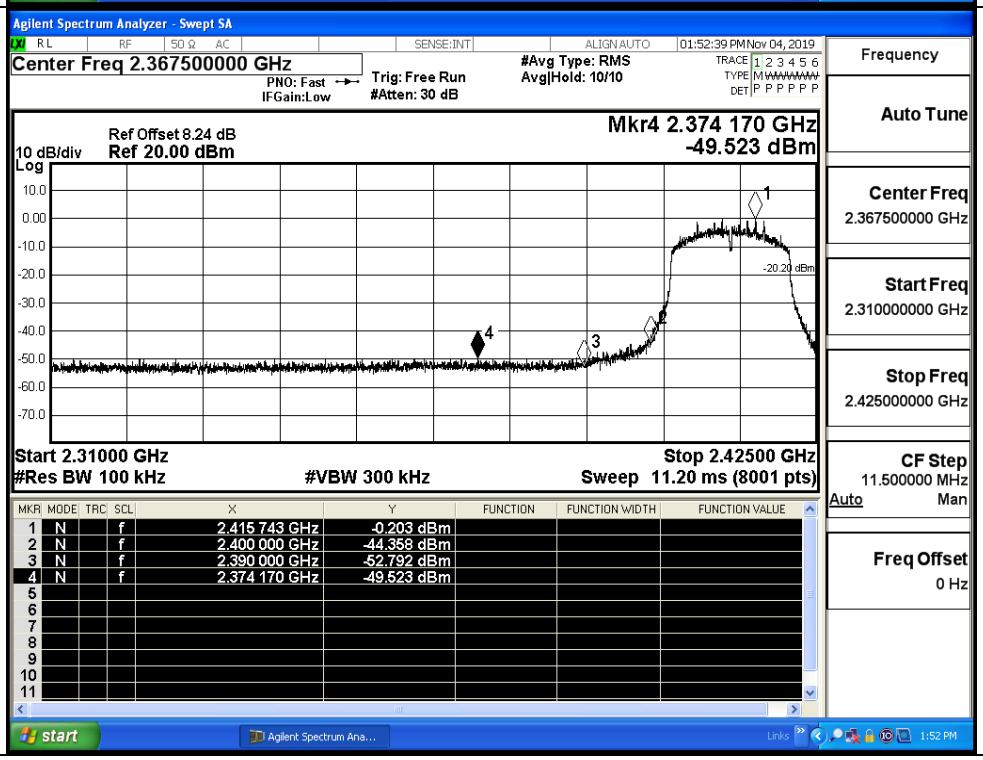
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.033	-49.447	-15.97	PASS
	HCH	3.829	-48.875	-16.17	PASS
11G	LCH	-0.246	-48.563	-20.25	PASS
	HCH	-3.613	-48.389	-23.61	PASS
11N20	LCH	-0.203	-49.523	-20.2	PASS
	HCH	-0.883	-48.509	-20.88	PASS
11N40	LCH	-5.124	-46.327	-25.12	PASS
	HCH	-5.011	-48.397	-25.01	PASS

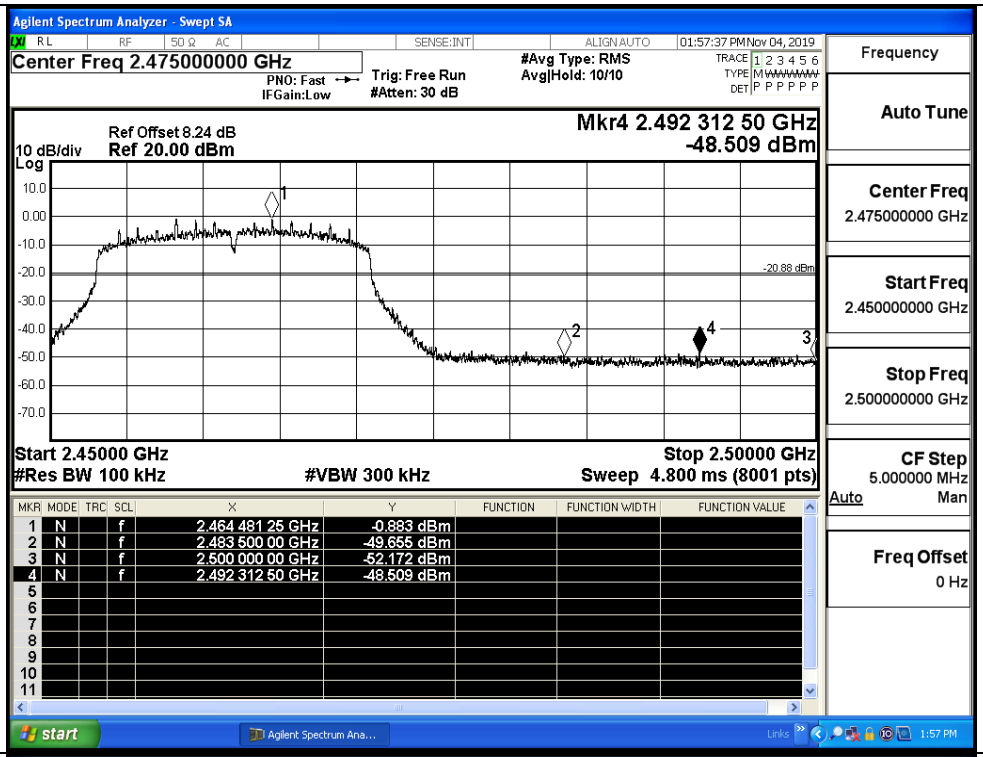
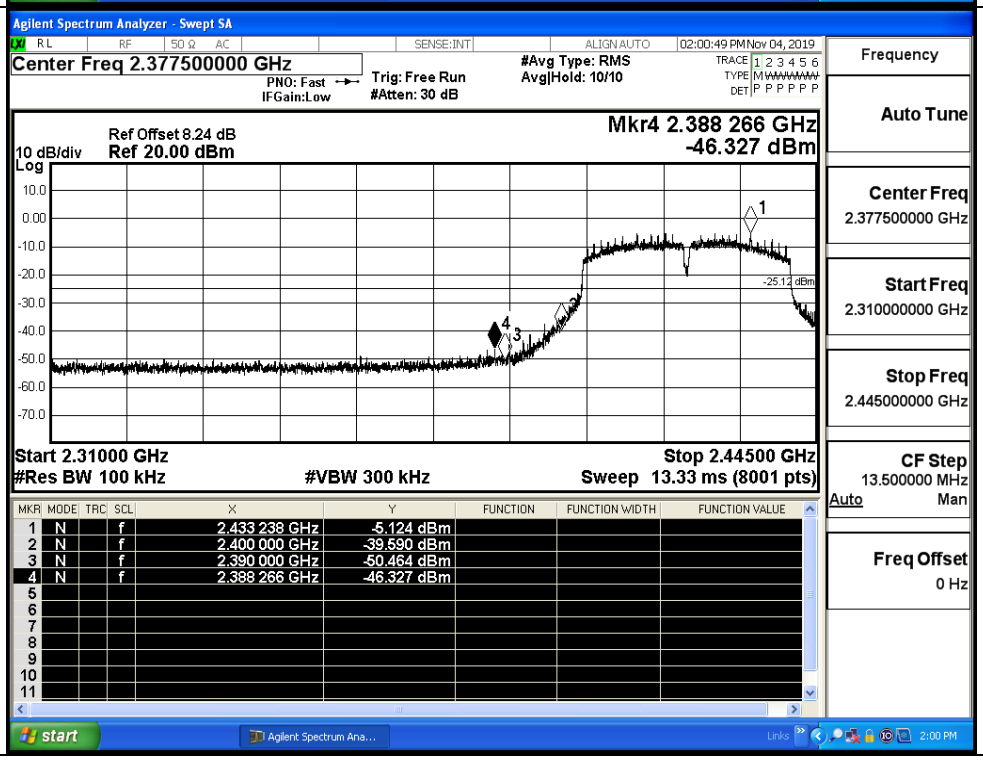
Test Graphs_Ant_1

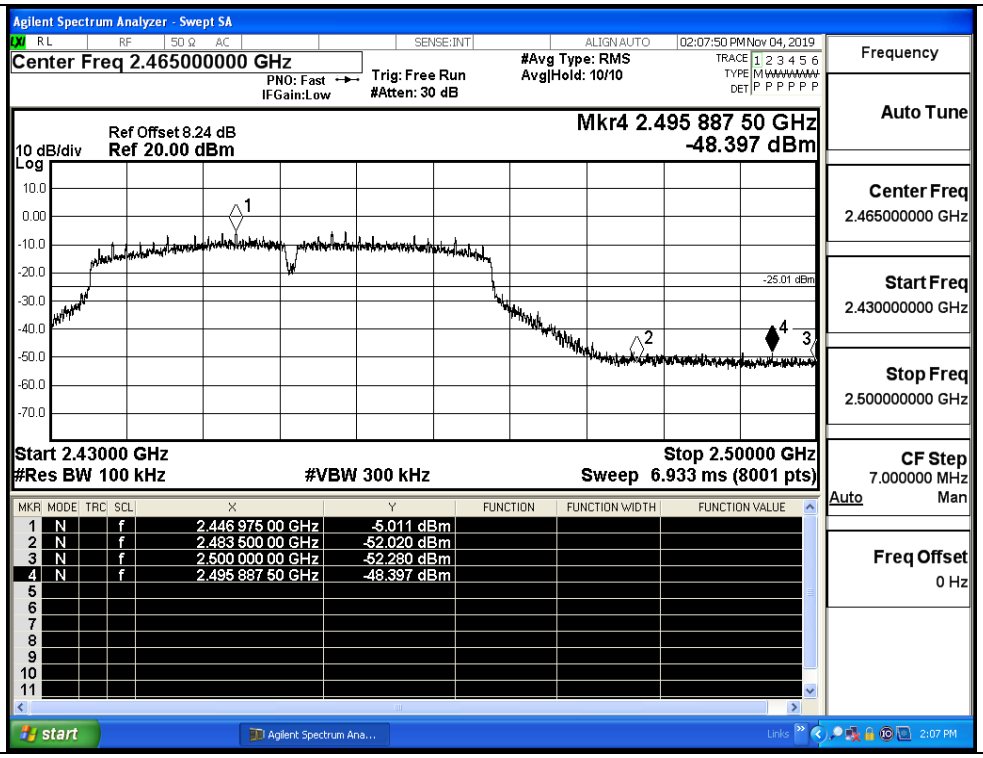
11B/LCH



11B/HCH	
11G/LCH	

11G/HCH	
11N20/LCH	

11N20/HCH	
11N40/LCH	

11N40/HCH	

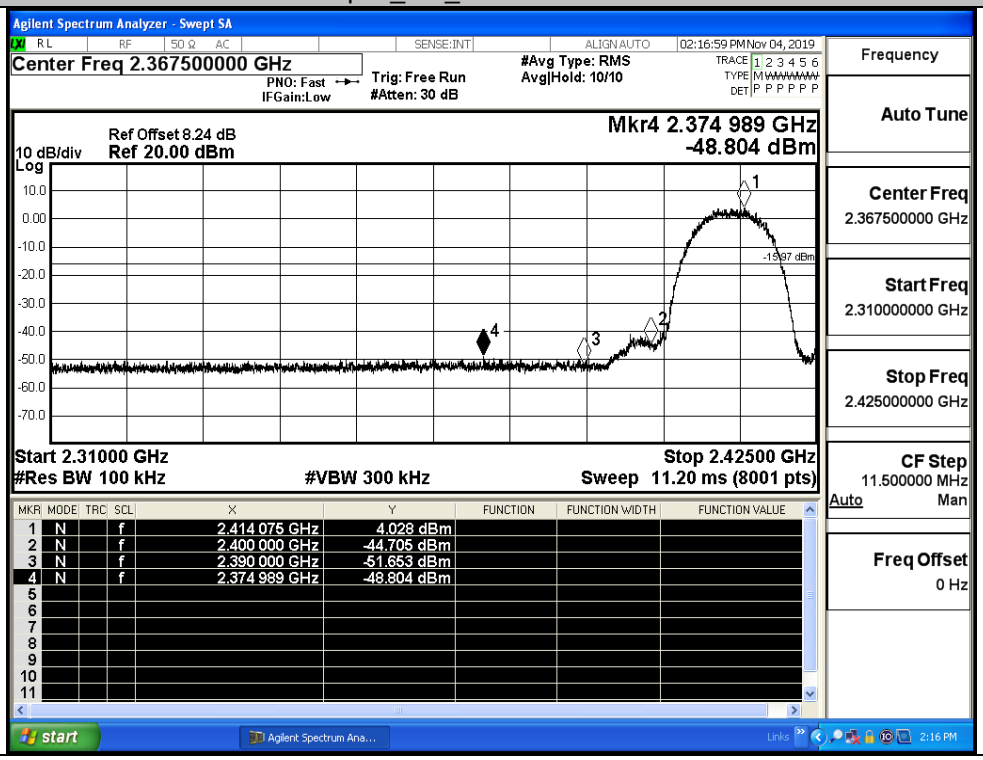
Agilent Spectrum Analyzer - Swept SA
RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:07:50 PM Nov 04, 2019
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P P P P P P
Ref Offset 8.24 dB
10 dB/div Ref 20.00 dBm
Log
Mkr4 2.495 887 50 GHz
-48.397 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-25.01 dBm
Start 2.43000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.933 ms (8001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N f 2.446 975 00 GHz -5.011 dBm
2 N f 2.483 500 00 GHz -52.020 dBm
3 N f 2.500 000 00 GHz -52.280 dBm
4 N f 2.495 887 50 GHz -48.397 dBm
5
6
7
8
9
10
11
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
start
Agilent Spectrum Ana...
Links
2:07 PM

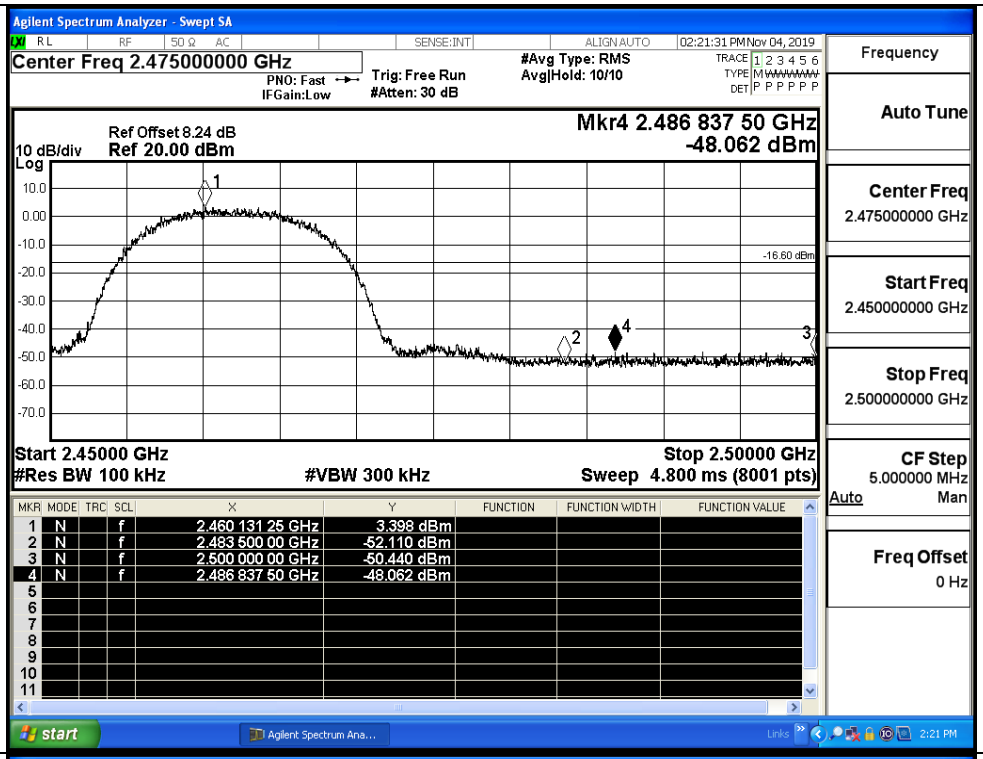
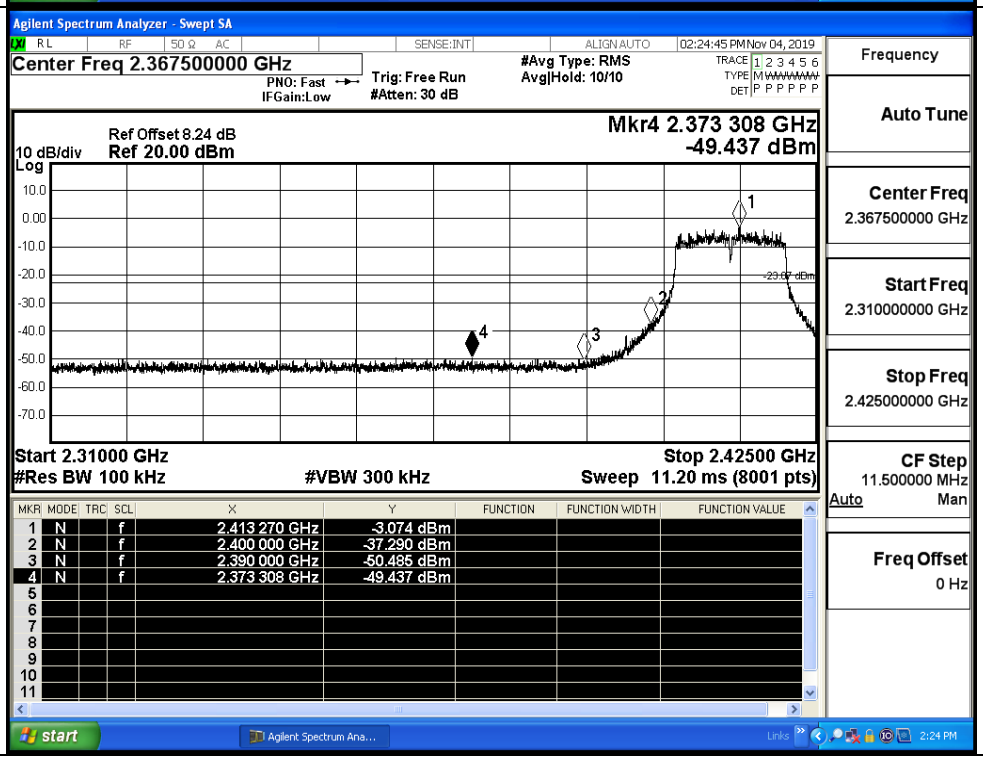
Ant_2

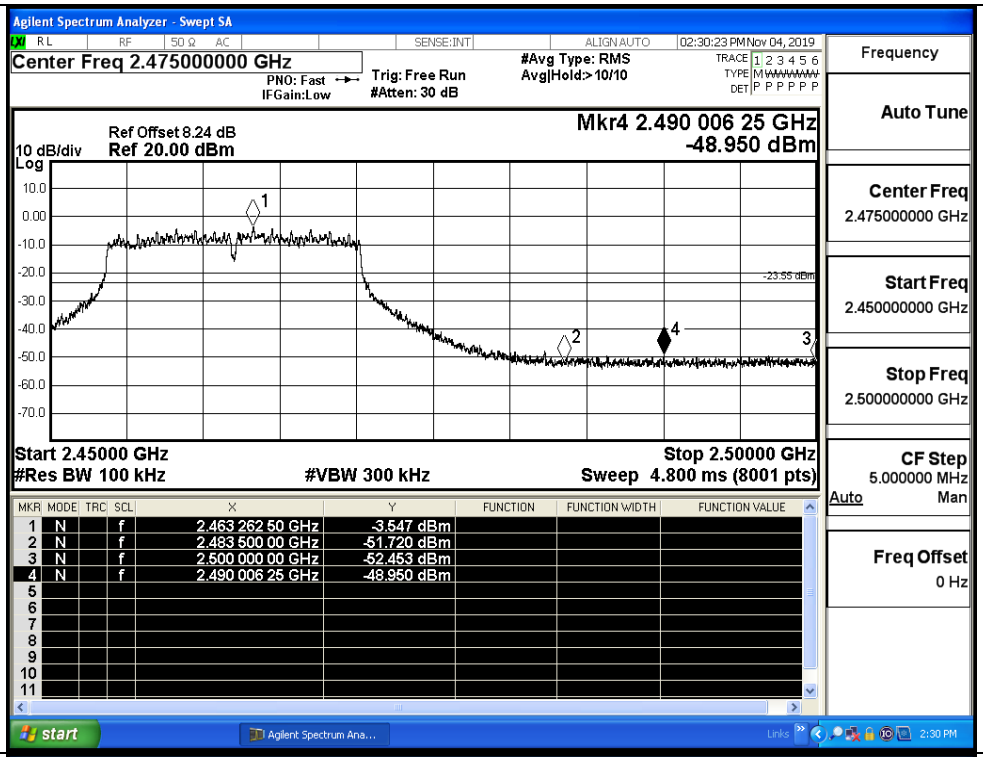
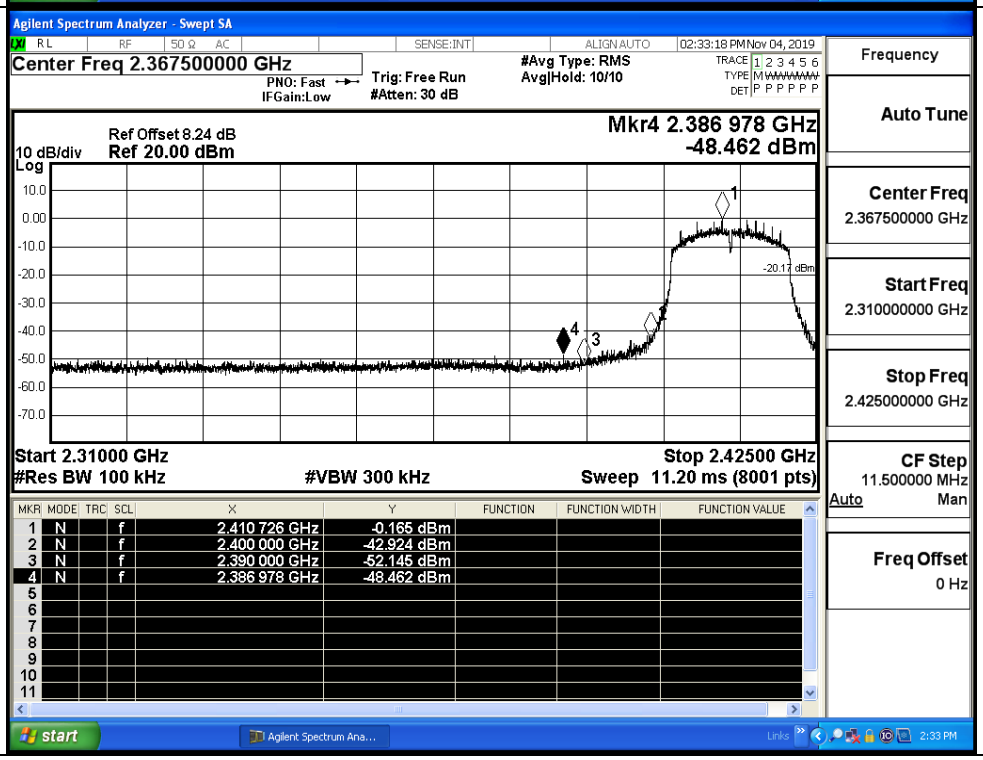
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.028	-48.804	-15.97	PASS
	HCH	3.398	-48.062	-16.6	PASS
11G	LCH	-3.074	-49.437	-23.07	PASS
	HCH	-3.547	-48.950	-23.55	PASS
11N20	LCH	-0.165	-48.462	-20.17	PASS
	HCH	0.437	-48.285	-19.56	PASS
11N40	LCH	-5.356	-48.610	-25.36	PASS
	HCH	-5.262	-48.582	-25.26	PASS

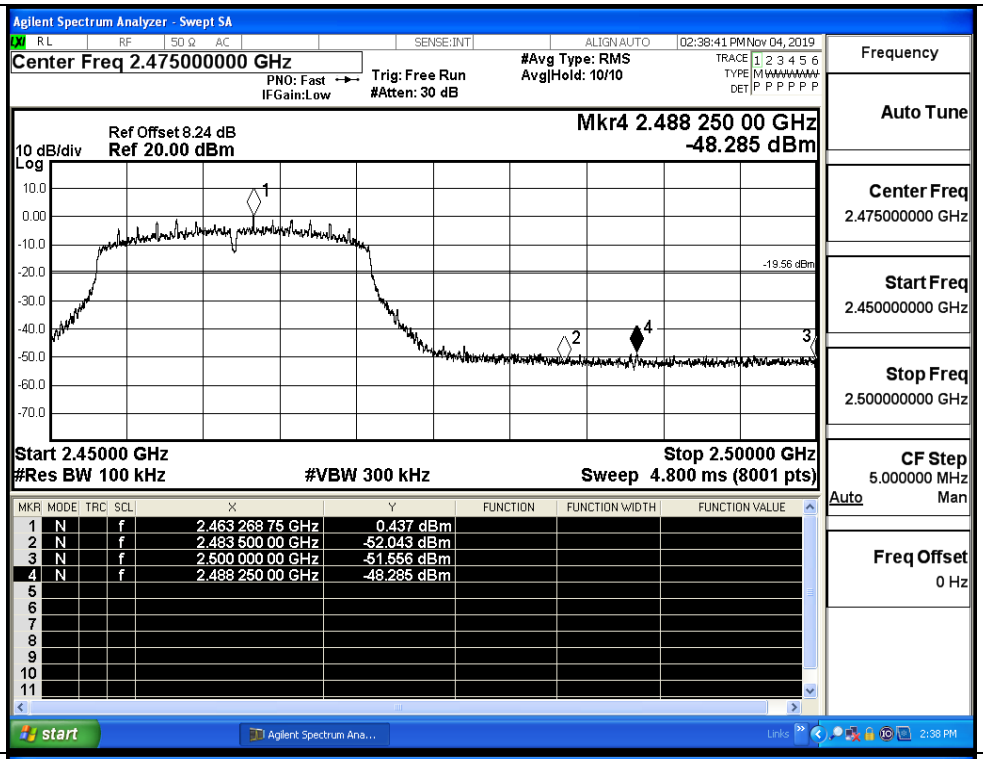
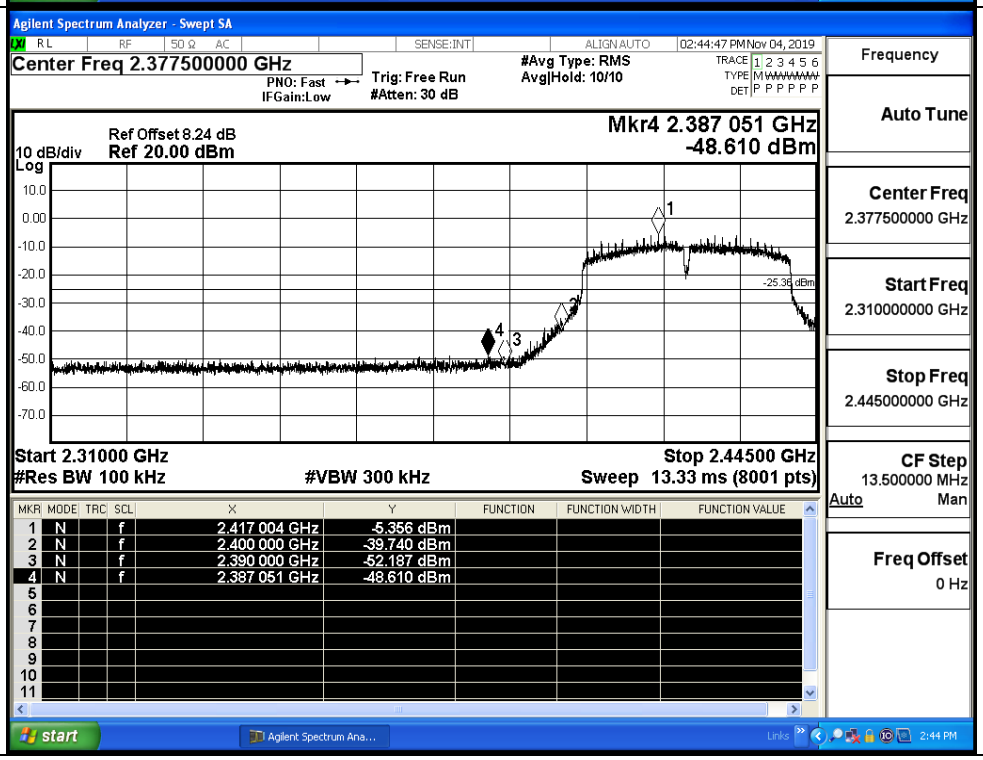
Test Graphs_Ant_2

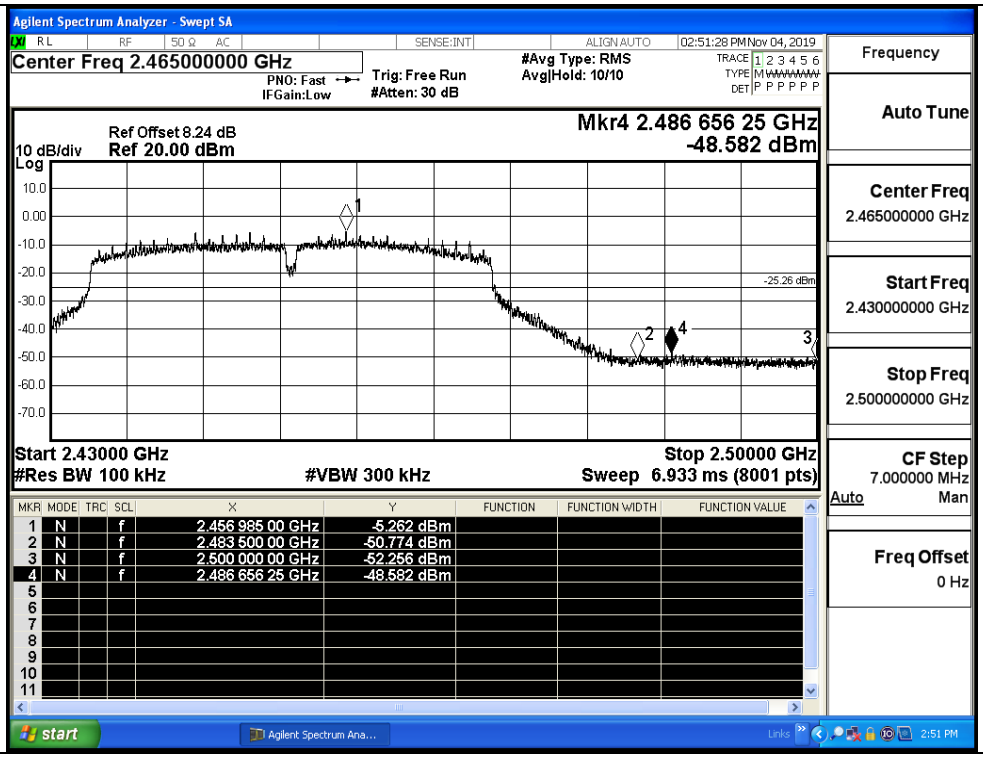
11B/LCH



11B/HCH	
11G/LCH	

11G/HCH	
11N20/LCH	

11N20/HCH	
11N40/LCH	

11N40/HCH	

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
02:51:28 PM Nov 04, 2019
Ref Offset 8.24 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 2.486 656 25 GHz
-48.582 dBm
-25.26 dBm
Start 2.43000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.933 ms (8001 pts)
1 N 1 f 2.456 985 00 GHz -5.262 dBm
2 N 1 f 2.483 500 00 GHz -50.774 dBm
3 N 1 f 2.500 000 00 GHz -52.256 dBm
4 N 1 f 2.486 656 25 GHz -48.582 dBm
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
start
Agilent Spectrum Ana...
2:51 PM

A.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	Ant_1	2310.0	-44.40	2.00	0	52.83	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.21	2.00	0	44.02	AV	54	PASS
	2412	Ant_1	2390.0	-41.83	2.00	0	55.40	PEAK	74	PASS
	2412	Ant_1	2390.0	-52.41	2.00	0	44.82	AV	54	PASS
	2462	Ant_1	2483.5	-41.71	2.00	0	55.52	PEAK	74	PASS
	2462	Ant_1	2483.5	-51.71	2.00	0	45.52	AV	54	PASS
	2462	Ant_1	2500.0	-40.22	2.00	0	57.01	PEAK	74	PASS
	2462	Ant_1	2500.0	-51.78	2.00	0	45.45	AV	54	PASS
11G	2412	Ant_1	2310.0	-42.97	2.00	0	54.26	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.26	2.00	0	43.97	AV	54	PASS
	2412	Ant_1	2390.0	-38.96	2.00	0	58.27	PEAK	74	PASS
	2412	Ant_1	2390.0	-51.00	2.00	0	46.23	AV	54	PASS
	2462	Ant_1	2483.5	-41.74	2.00	0	55.49	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.09	2.00	0	45.14	AV	54	PASS
	2462	Ant_1	2500.0	-41.54	2.00	0	55.69	PEAK	74	PASS
	2462	Ant_1	2500.0	-51.95	2.00	0	45.28	AV	54	PASS
11N20	2412	Ant_1	2310.0	-42.67	2.00	0	54.56	PEAK	74	PASS
	2412	Ant_1	2310.0	-53.29	2.00	0	43.94	AV	54	PASS
	2412	Ant_1	2390.0	-40.98	2.00	0	56.25	PEAK	74	PASS
	2412	Ant_1	2390.0	-51.89	2.00	0	45.34	AV	54	PASS
	2462	Ant_1	2483.5	-40.36	2.00	0	56.87	PEAK	74	PASS
	2462	Ant_1	2483.5	-51.77	2.00	0	45.46	AV	54	PASS
	2462	Ant_1	2500.0	-41.94	2.00	0	55.29	PEAK	74	PASS
	2462	Ant_1	2500.0	-51.85	2.00	0	45.38	AV	54	PASS
11N40	2422	Ant_1	2310.0	-42.74	2.00	0	54.49	PEAK	74	PASS
	2422	Ant_1	2310.0	-53.27	2.00	0	43.96	AV	54	PASS

	2422	Ant_1	2390.0	-40.50	2.00	0	56.73	PEAK	74	PASS
	2422	Ant_1	2390.0	-50.34	2.00	0	46.89	AV	54	PASS
	2452	Ant_1	2483.5	-39.28	2.00	0	57.95	PEAK	74	PASS
	2452	Ant_1	2483.5	-51.30	2.00	0	45.93	AV	54	PASS
	2452	Ant_1	2500.0	-42.10	2.00	0	55.13	PEAK	74	PASS
	2452	Ant_1	2500.0	-52.01	2.00	0	45.22	AV	54	PASS

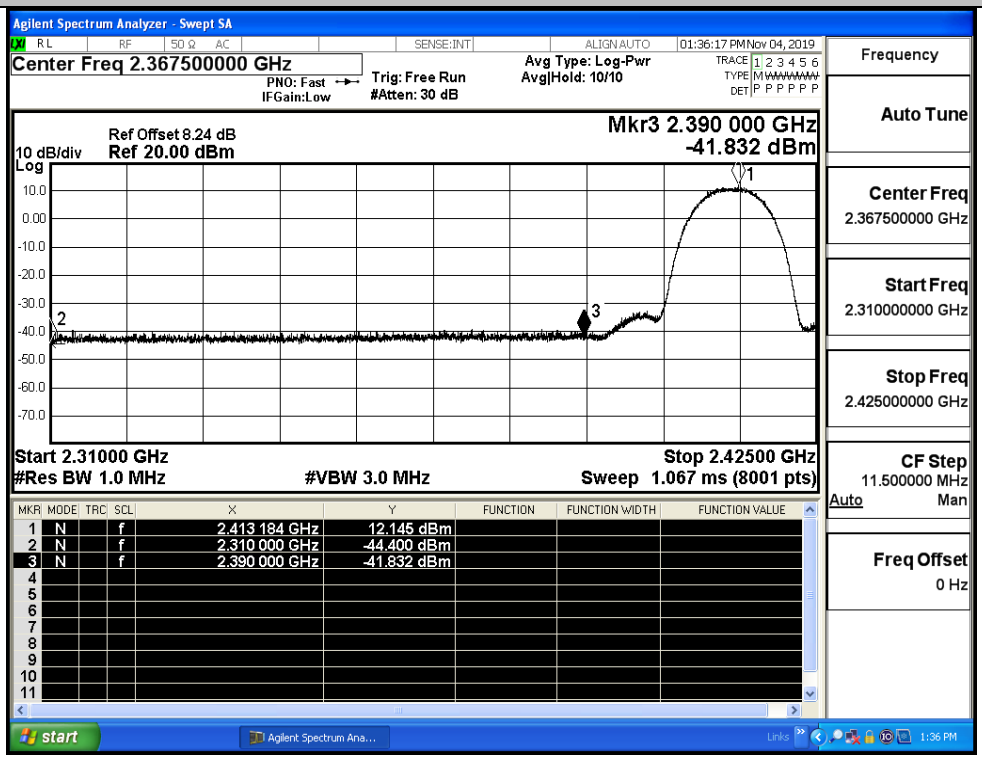
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant_2	2310.0	-43.42	2.00	0	53.81	PEAK	74	PASS
	2412	Ant_2	2310.0	-53.28	2.00	0	43.95	AV	54	PASS
	2412	Ant_2	2390.0	-42.27	2.00	0	54.96	PEAK	74	PASS
	2412	Ant_2	2390.0	-52.43	2.00	0	44.80	AV	54	PASS
	2462	Ant_2	2483.5	-40.74	2.00	0	56.49	PEAK	74	PASS
	2462	Ant_2	2483.5	-51.79	2.00	0	45.44	AV	54	PASS
	2462	Ant_2	2500.0	-41.67	2.00	0	55.56	PEAK	74	PASS
	2462	Ant_2	2500.0	-51.84	2.00	0	45.39	AV	54	PASS
11G	2412	Ant_2	2310.0	-43.65	2.00	0	53.58	PEAK	74	PASS
	2412	Ant_2	2310.0	-53.31	2.00	0	43.92	AV	54	PASS
	2412	Ant_2	2390.0	-40.85	2.00	0	56.38	PEAK	74	PASS
	2412	Ant_2	2390.0	-52.43	2.00	0	44.80	AV	54	PASS
	2462	Ant_2	2483.5	-42.22	2.00	0	55.01	PEAK	74	PASS
	2462	Ant_2	2483.5	-52.10	2.00	0	45.13	AV	54	PASS
	2462	Ant_2	2500.0	-40.90	2.00	0	56.33	PEAK	74	PASS
	2462	Ant_2	2500.0	-51.98	2.00	0	45.25	AV	54	PASS
11N20	2412	Ant_2	2310.0	-42.99	2.00	0	54.24	PEAK	74	PASS
	2412	Ant_2	2310.0	-53.33	2.00	0	43.90	AV	54	PASS
	2412	Ant_2	2390.0	-42.67	2.00	0	54.56	PEAK	74	PASS
	2412	Ant_2	2390.0	-51.84	2.00	0	45.39	AV	54	PASS
	2462	Ant_2	2483.5	-41.86	2.00	0	55.37	PEAK	74	PASS
	2462	Ant_2	2483.5	-51.69	2.00	0	45.54	AV	54	PASS
	2462	Ant_2	2500.0	-41.74	2.00	0	55.49	PEAK	74	PASS

	2462	Ant_2	2500.0	-51.82	2.00	0	45.41	AV	54	PASS
11N40	2422	Ant_2	2310.0	-42.21	2.00	0	55.02	PEAK	74	PASS
	2422	Ant_2	2310.0	-53.29	2.00	0	43.94	AV	54	PASS
	2422	Ant_2	2390.0	-40.95	2.00	0	56.28	PEAK	74	PASS
	2422	Ant_2	2390.0	-51.58	2.00	0	45.65	AV	54	PASS
	2452	Ant_2	2483.5	-40.97	2.00	0	56.26	PEAK	74	PASS
	2452	Ant_2	2483.5	-51.38	2.00	0	45.85	AV	54	PASS
	2452	Ant_2	2500.0	-42.26	2.00	0	54.97	PEAK	74	PASS
	2452	Ant_2	2500.0	-51.98	2.00	0	45.25	AV	54	PASS

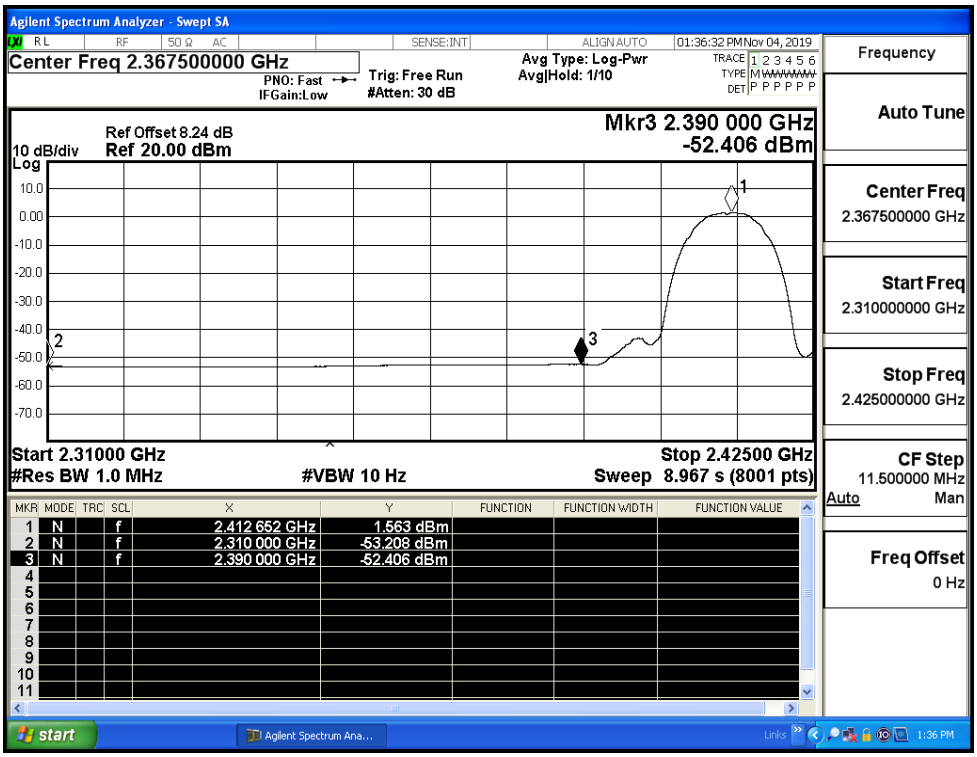
Combined Ant_1 and Ant_2

Test Mode	Test Channel	Freq.	Power [dBm]			Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
			Ant0	Ant1	Sum						
11N20	2412	2310.0	-42.67	-42.99	-39.82	4.43	0	59.84	PEAK	74	PASS
	2412	2310.0	-53.29	-53.33	-50.30	4.43	0	49.36	AV	54	PASS
	2412	2390.0	-40.98	-42.67	-38.73	4.43	0	60.93	PEAK	74	PASS
	2412	2390.0	-51.89	-51.84	-48.85	4.43	0	50.81	AV	54	PASS
	2462	2483.5	-40.36	-41.86	-38.04	4.43	0	61.62	PEAK	74	PASS
	2462	2483.5	-51.77	-51.69	-48.72	4.43	0	50.94	AV	54	PASS
	2462	2500.0	-41.94	-41.74	-38.83	4.43	0	60.83	PEAK	74	PASS
	2462	2500.0	-51.85	-51.82	-48.82	4.43	0	50.84	AV	54	PASS
11N40	2422	2310.0	-42.74	-42.21	-39.46	4.43	0	60.20	PEAK	74	PASS
	2422	2310.0	-53.27	-53.29	-50.27	4.43	0	49.39	AV	54	PASS
	2422	2390.0	-40.50	-40.95	-37.71	4.43	0	61.95	PEAK	74	PASS
	2422	2390.0	-50.34	-51.58	-47.91	4.43	0	51.75	AV	54	PASS
	2452	2483.5	-39.28	-40.97	-37.03	4.43	0	62.63	PEAK	74	PASS
	2452	2483.5	-51.30	-51.38	-48.33	4.43	0	51.33	AV	54	PASS
	2452	2500.0	-42.10	-42.26	-39.17	4.43	0	60.49	PEAK	74	PASS
	2452	2500.0	-52.01	-51.98	-48.98	4.43	0	50.68	AV	54	PASS

Restrict-band band-edge measurements_11B_2412_Ant_1_PEAK



Restrict-band band-edge measurements_11B_2412_Ant_1_AV



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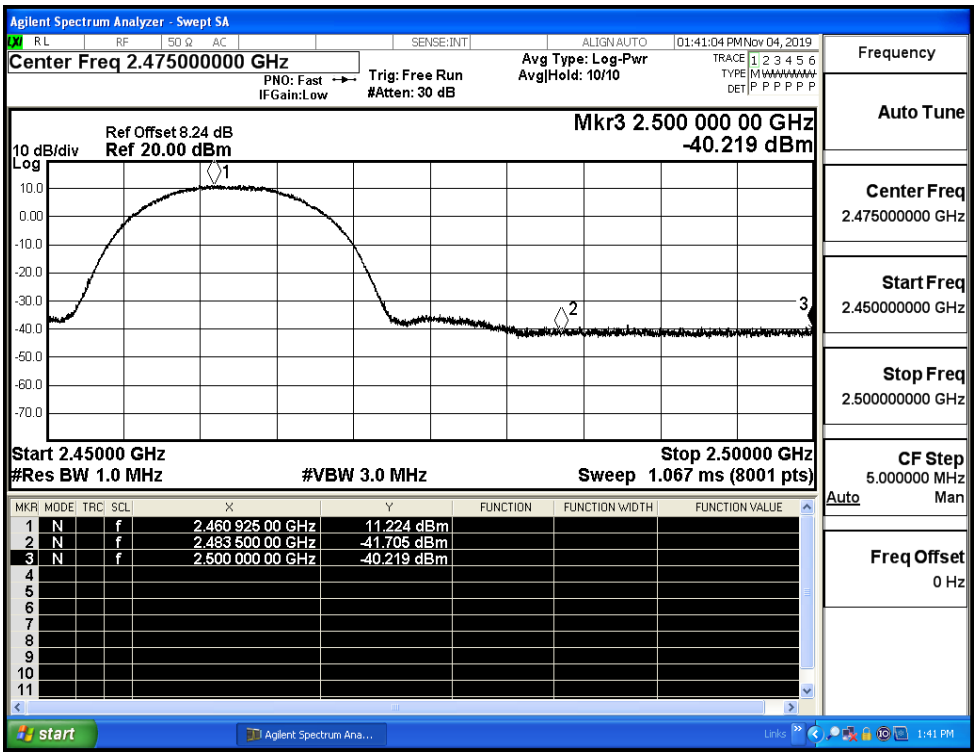

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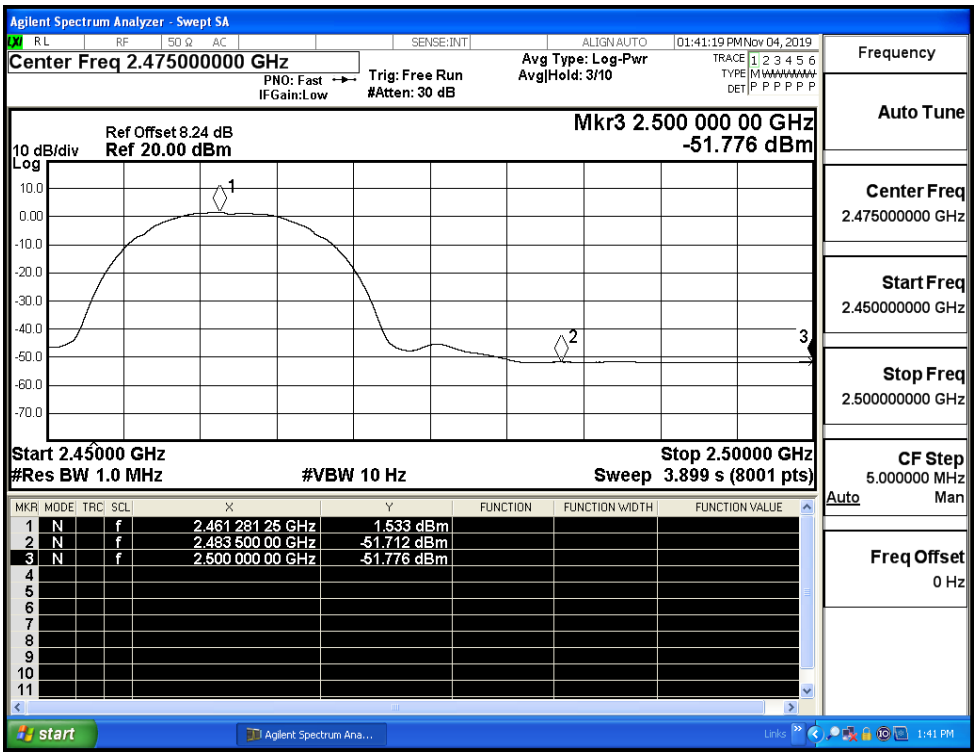

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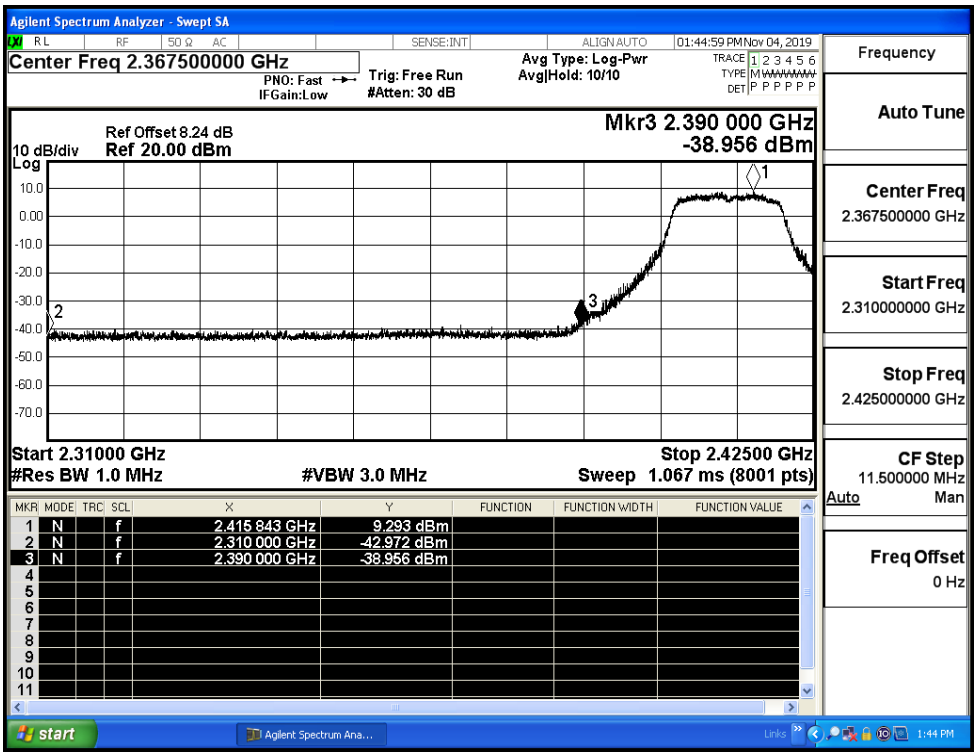

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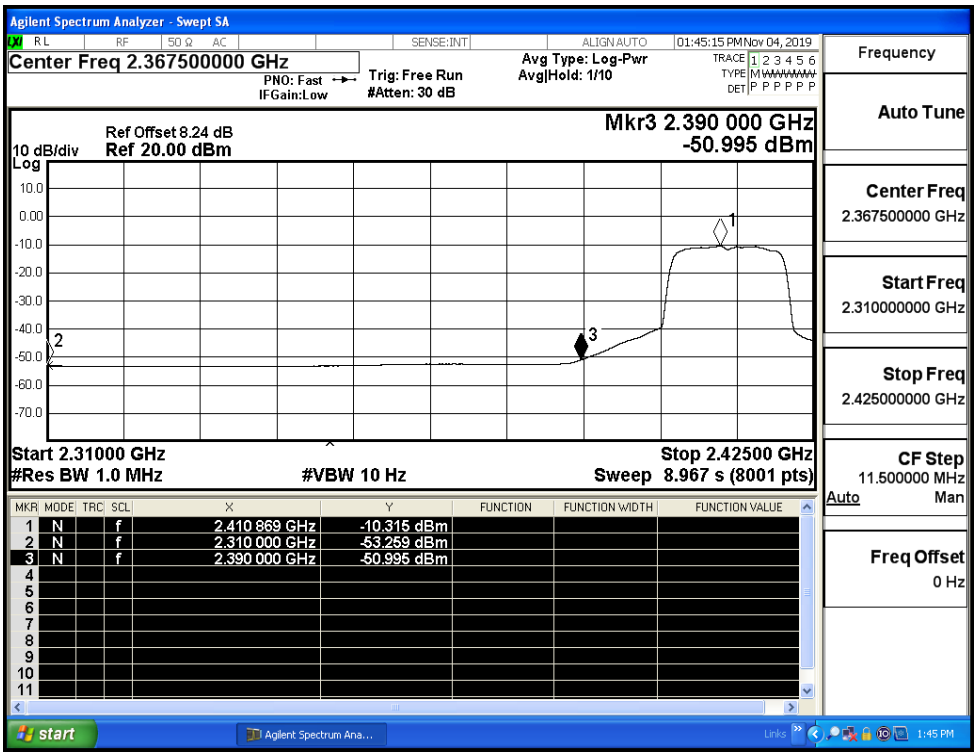

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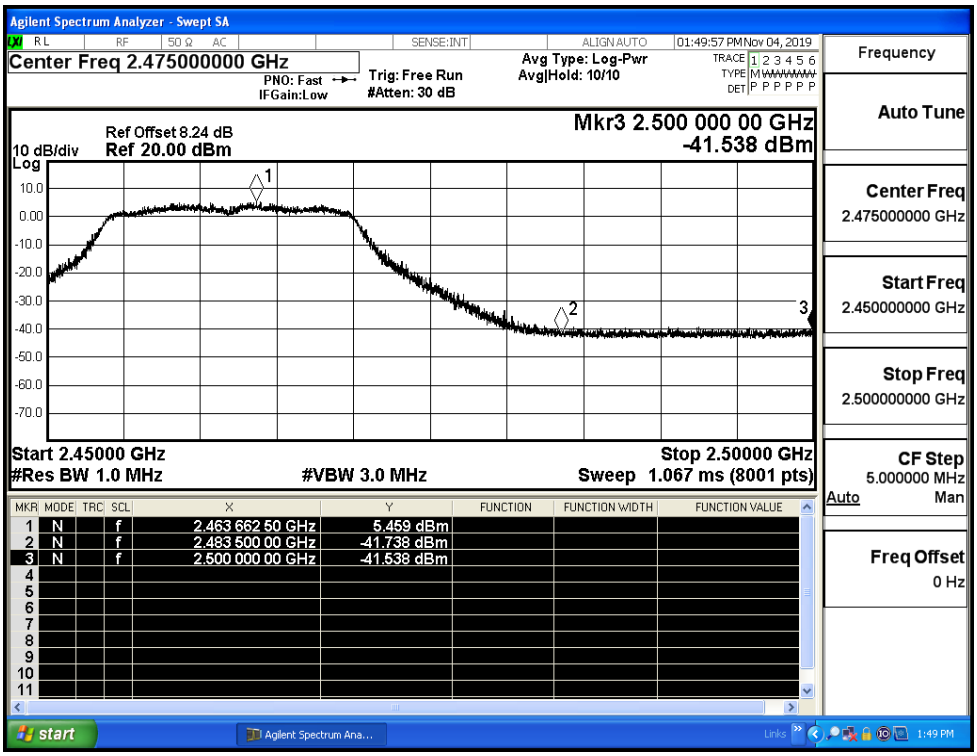

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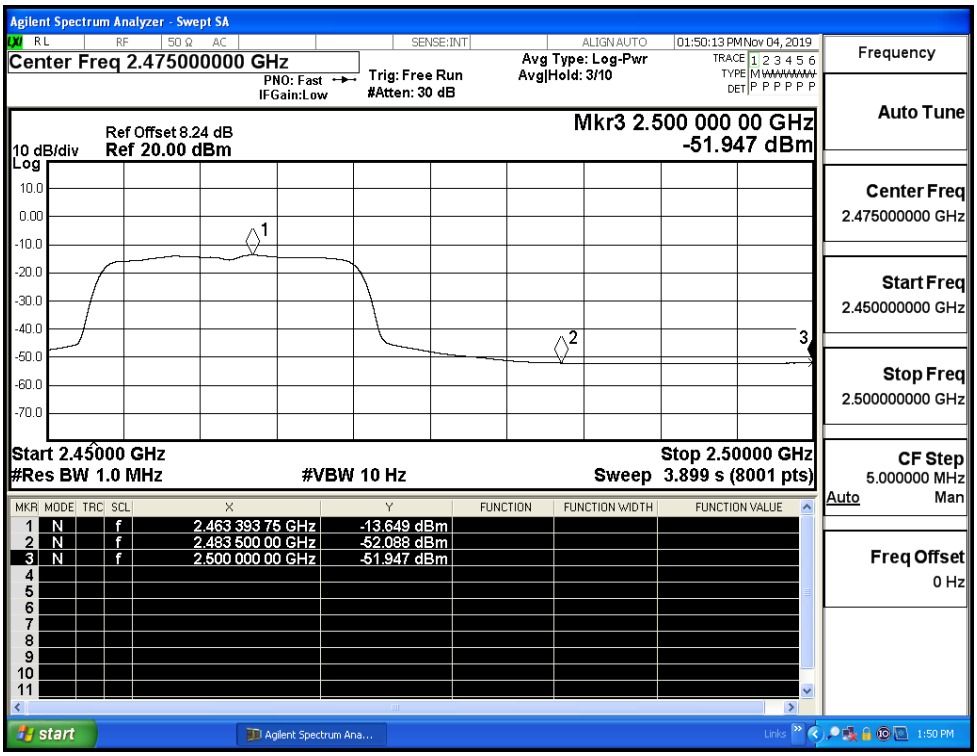

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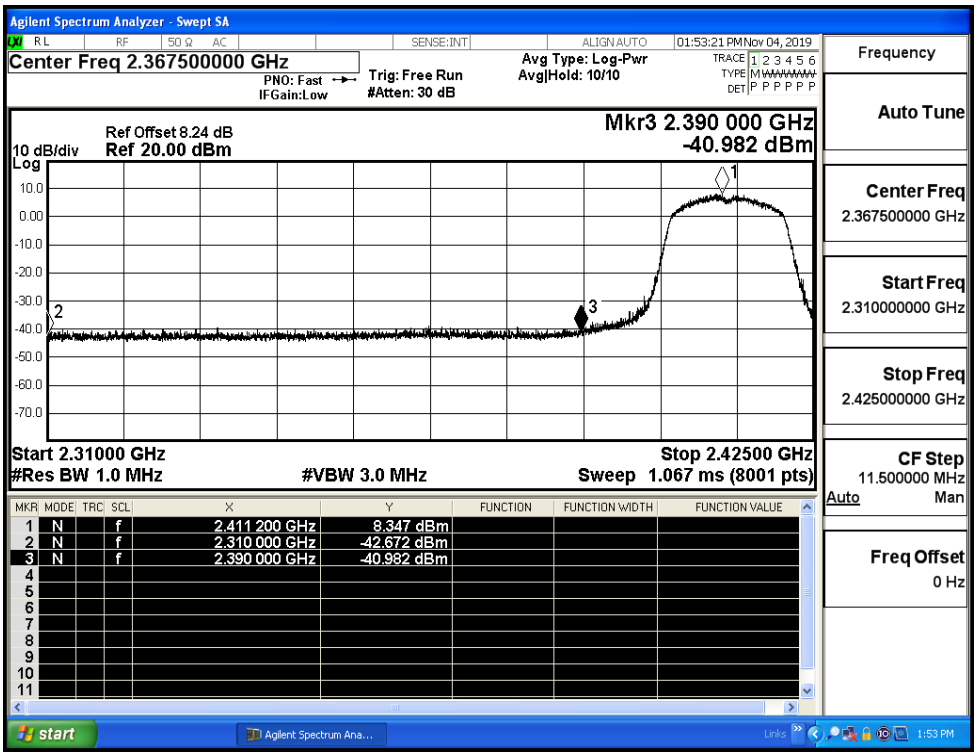

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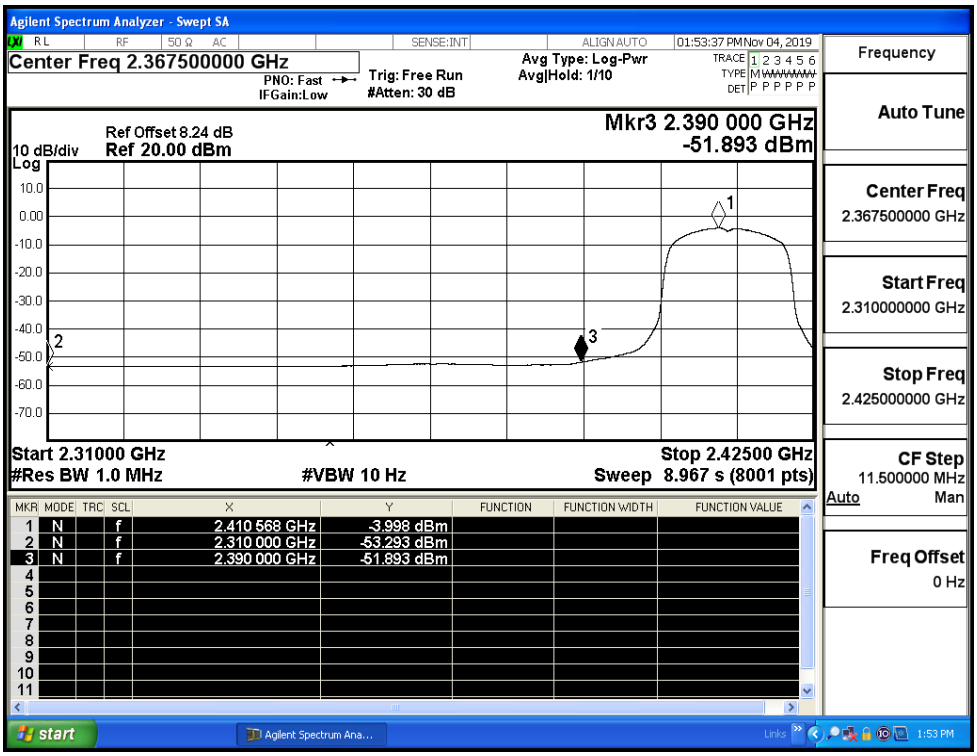

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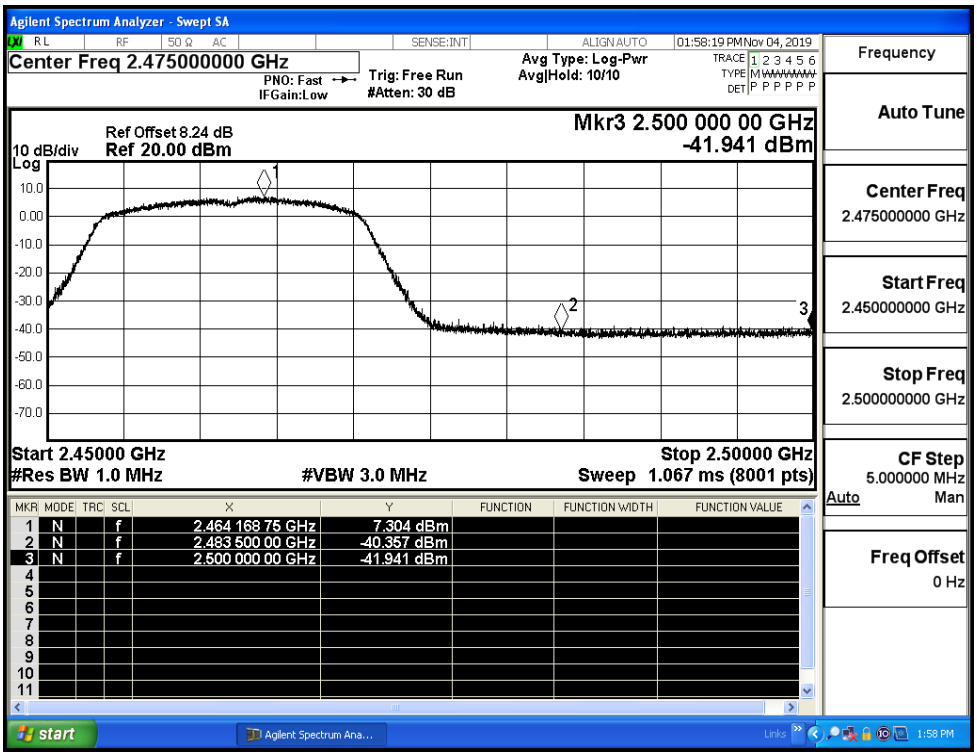

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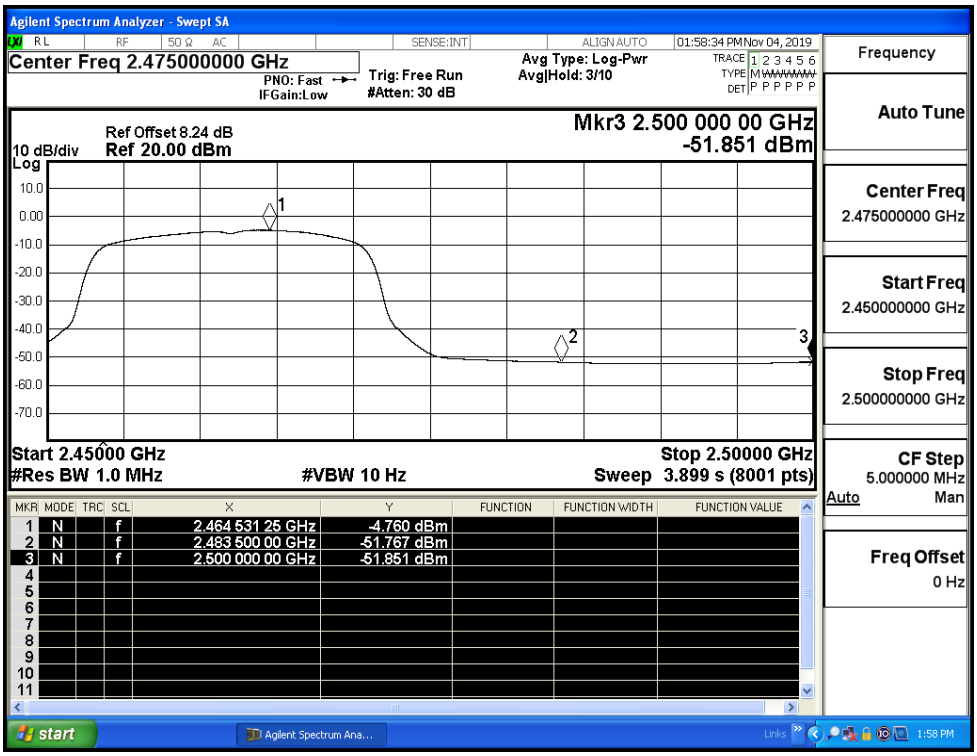
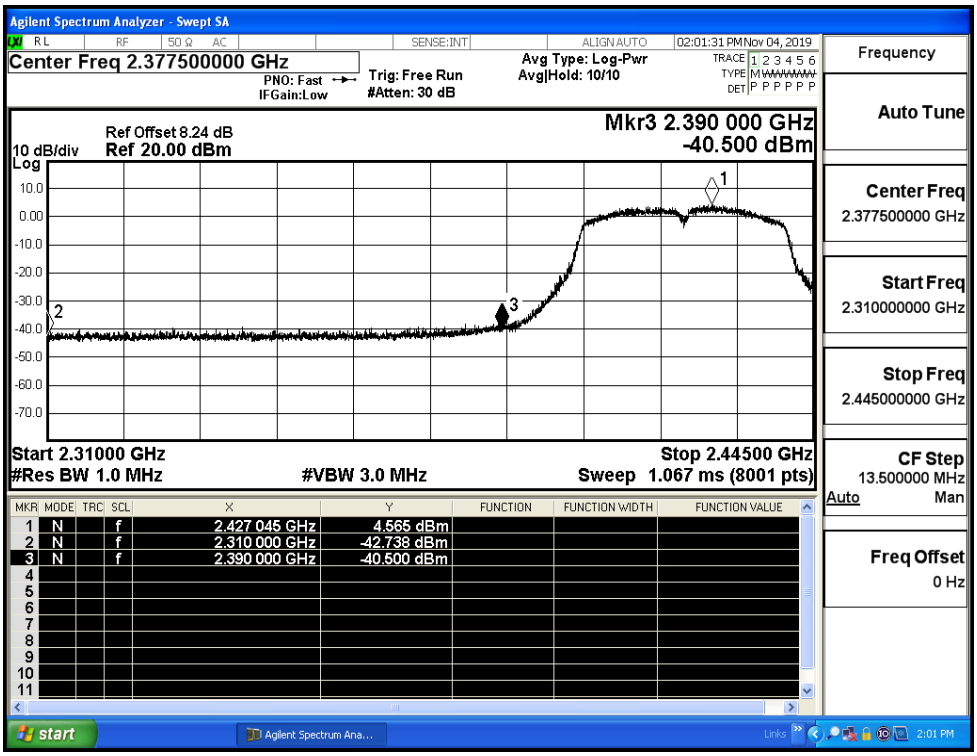


Restrict-band band-edge measurements_11N40_2422_Ant_1_PEAK



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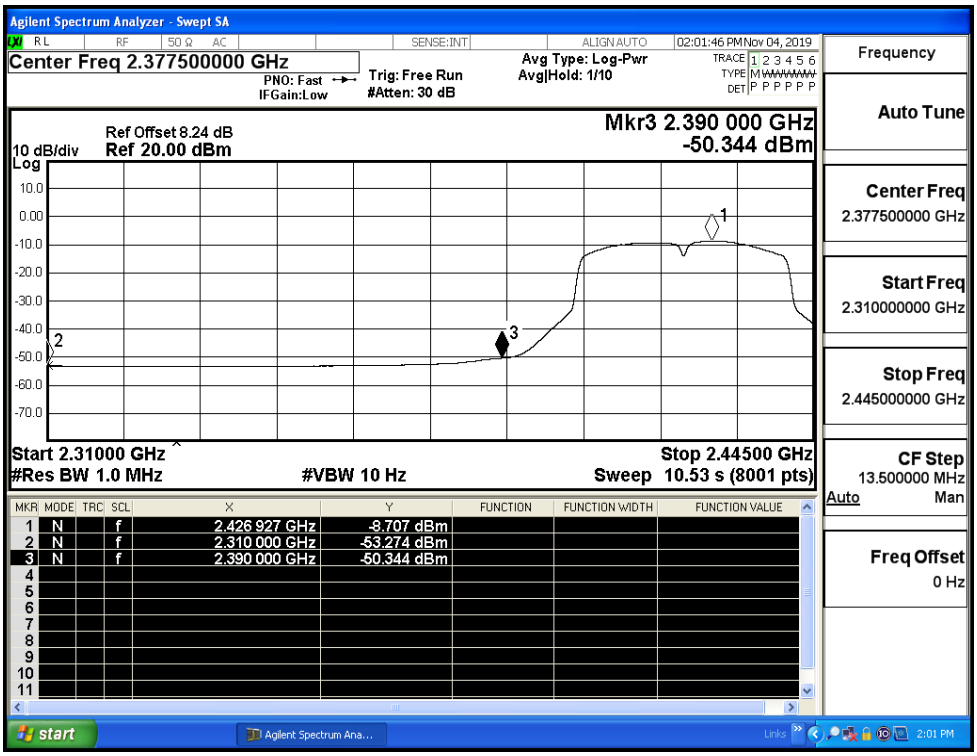
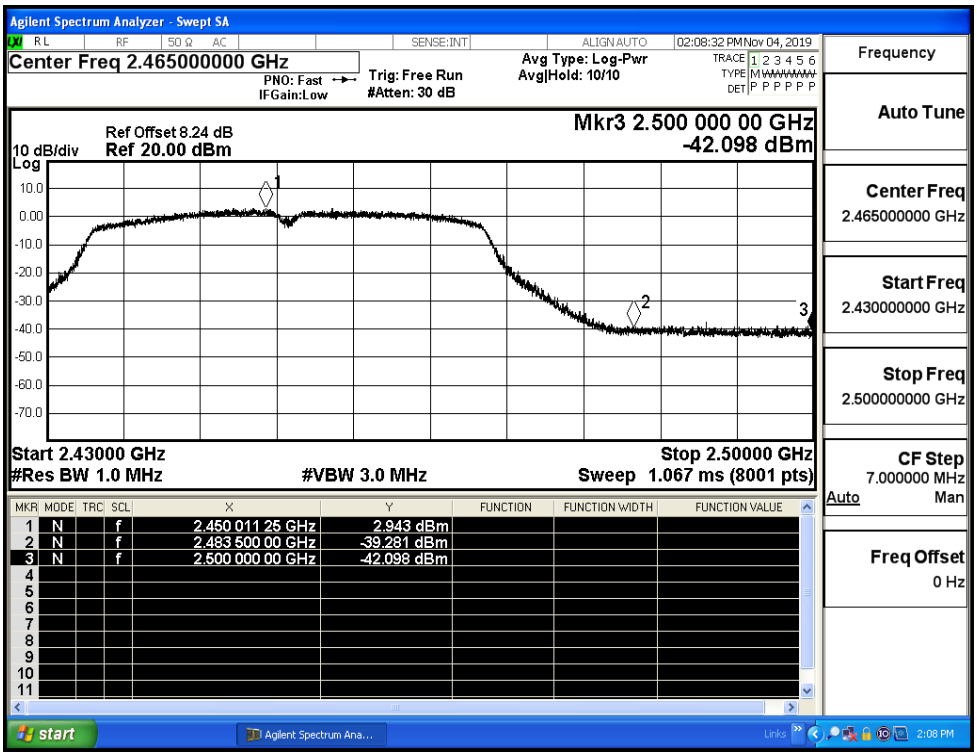


Restrict-band band-edge measurements_11N40_2452_Ant_1_PEAK



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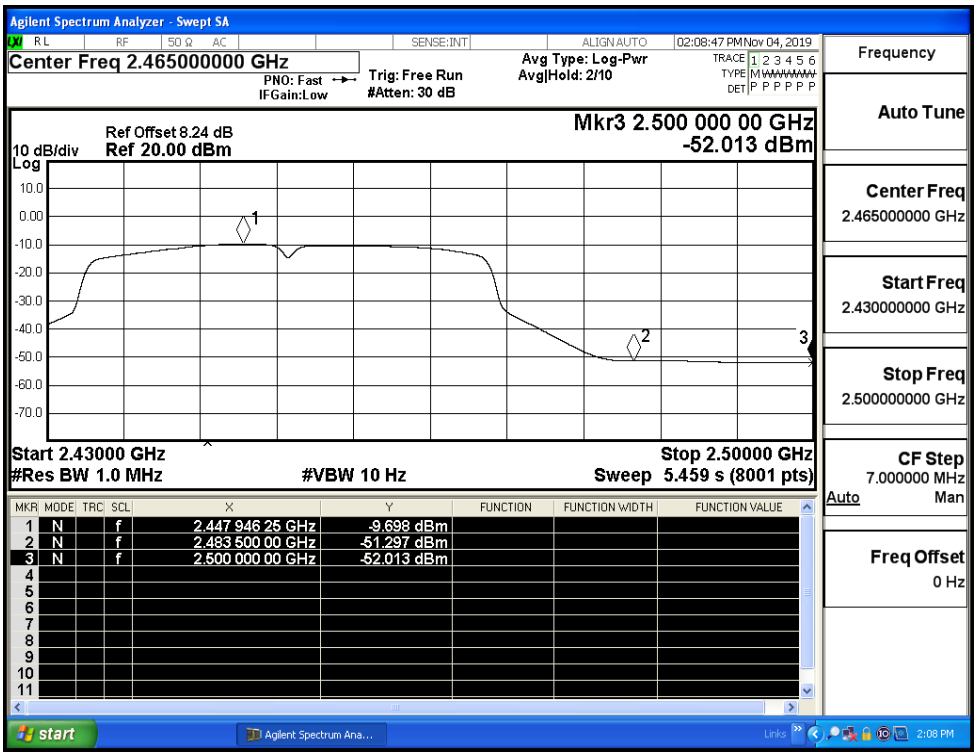
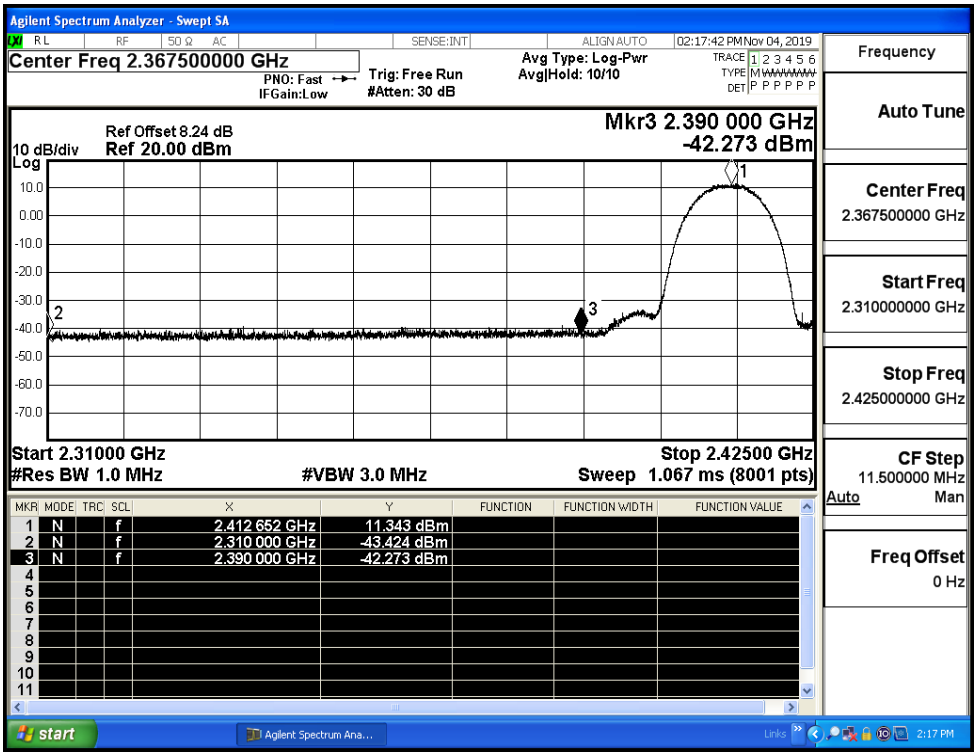


Restrict-band band-edge measurements_11B_2412_Ant_2_PEAK



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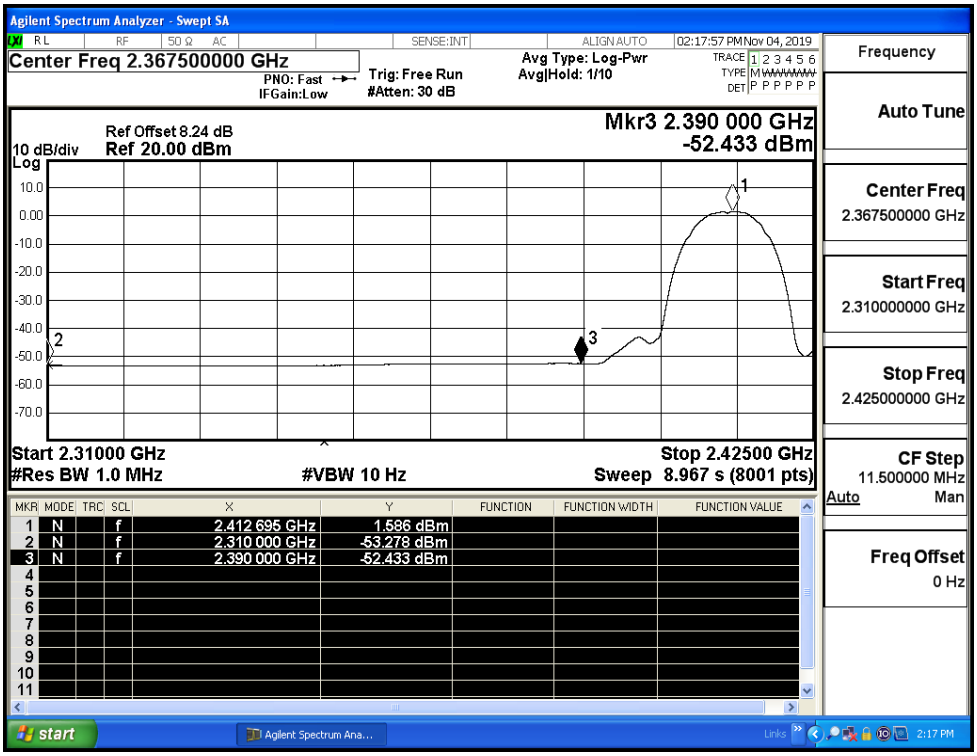

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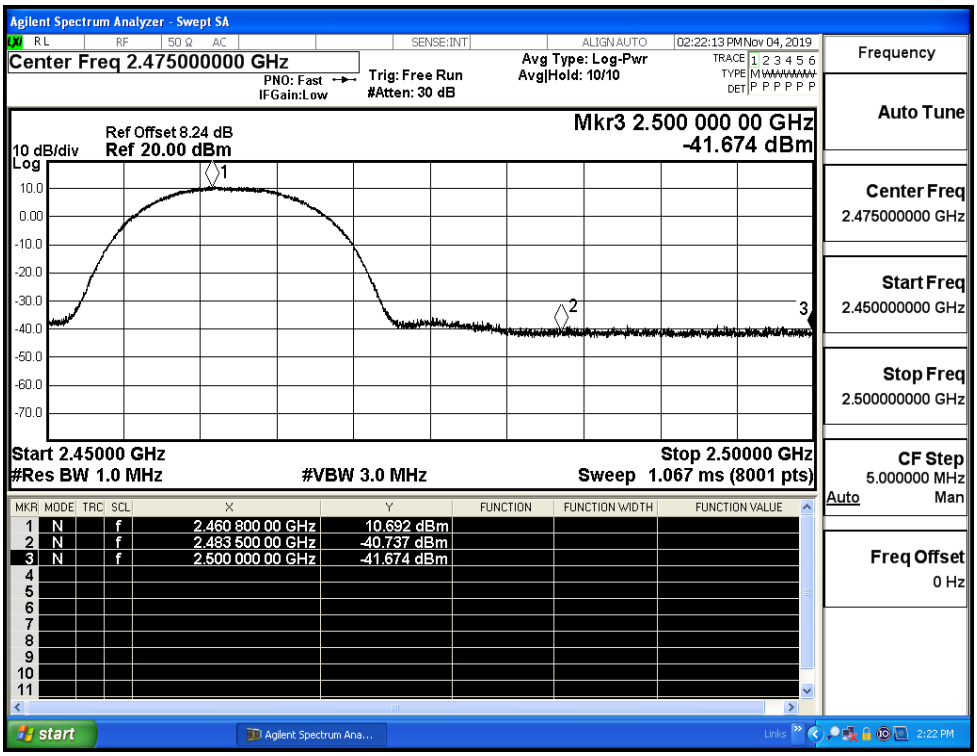

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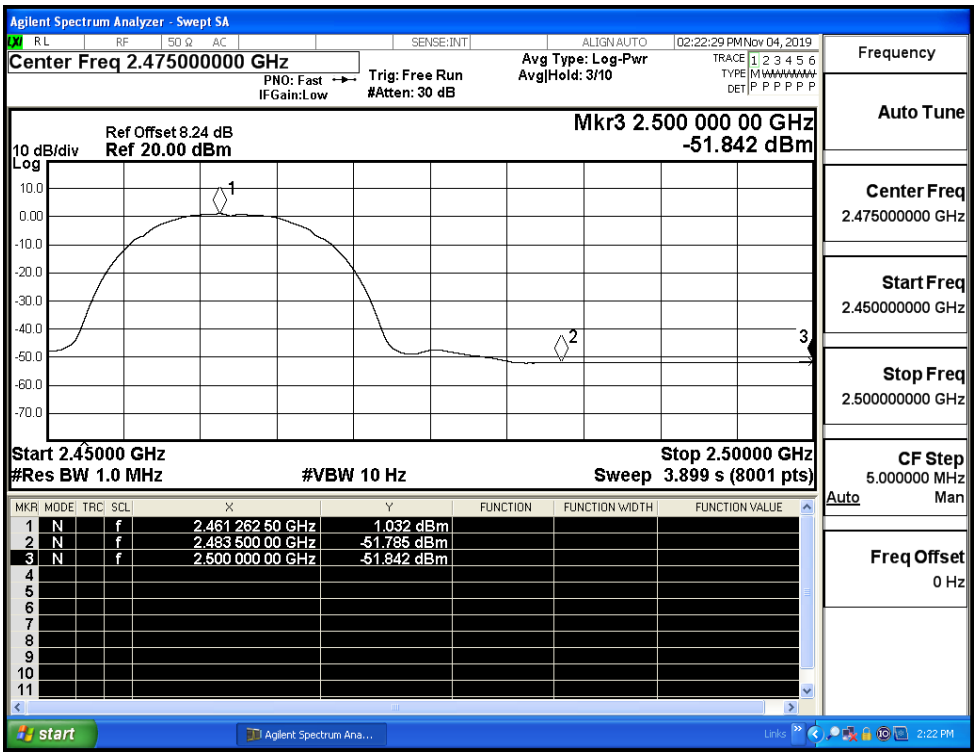

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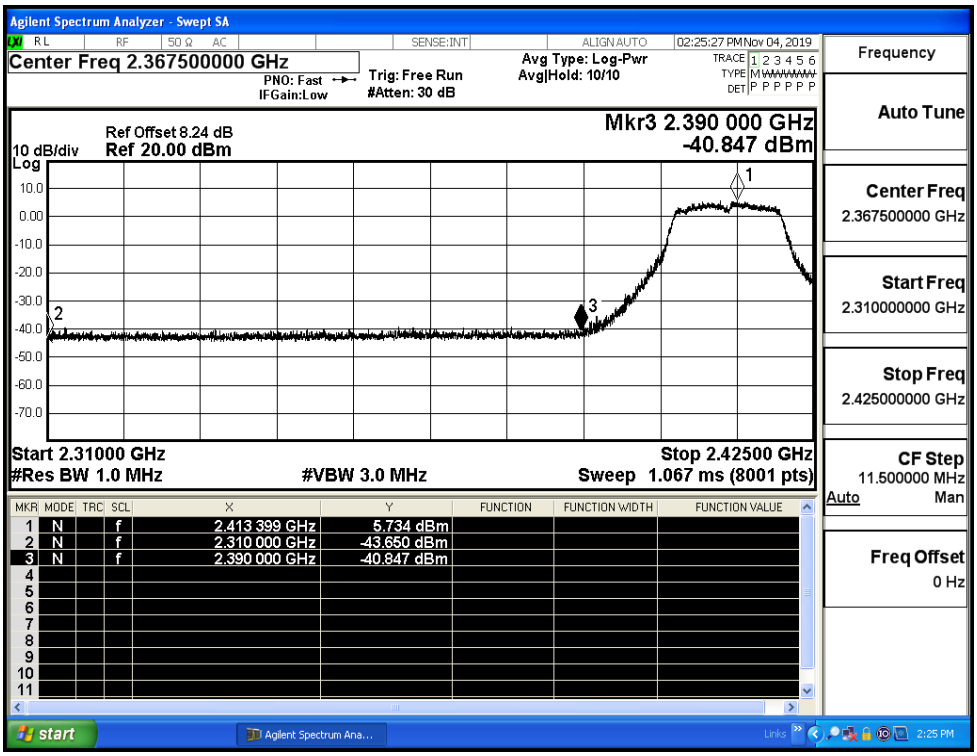

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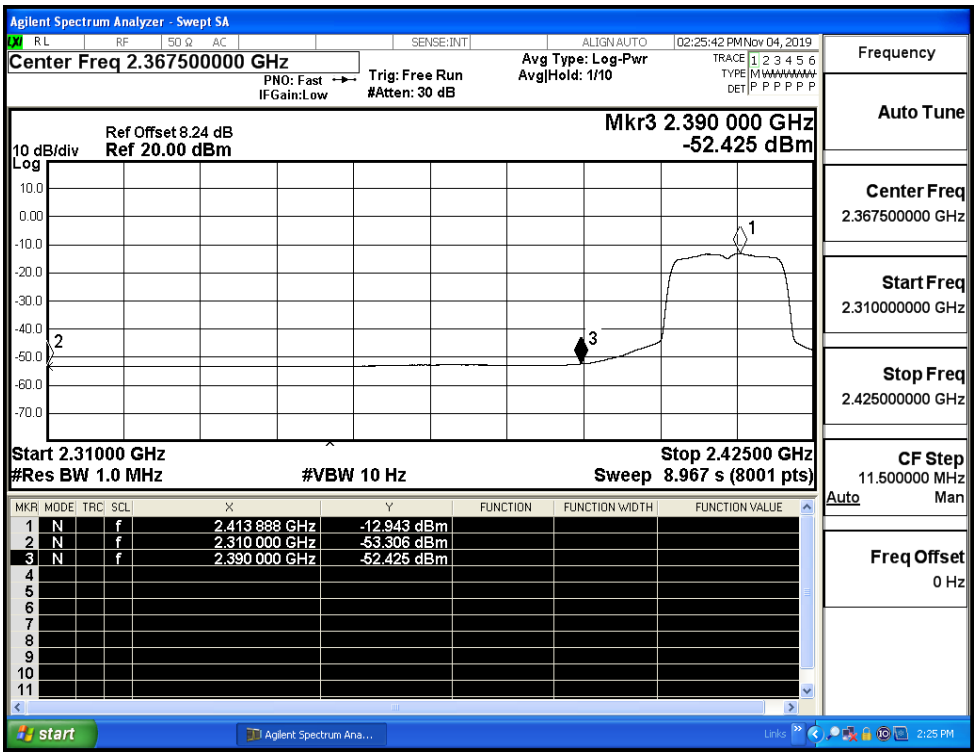

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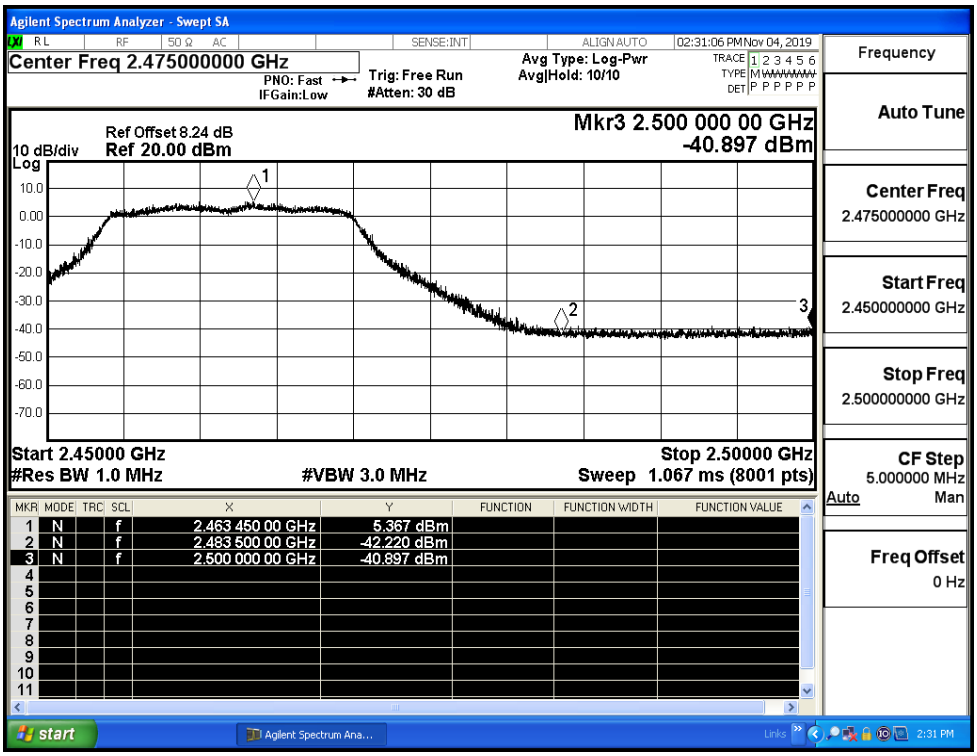

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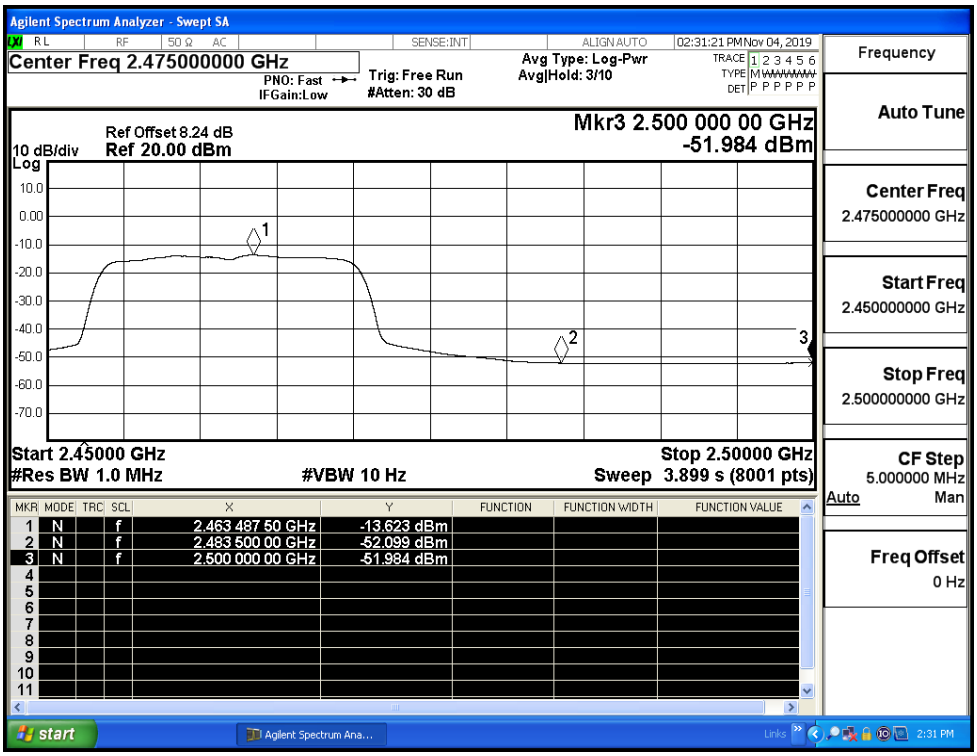

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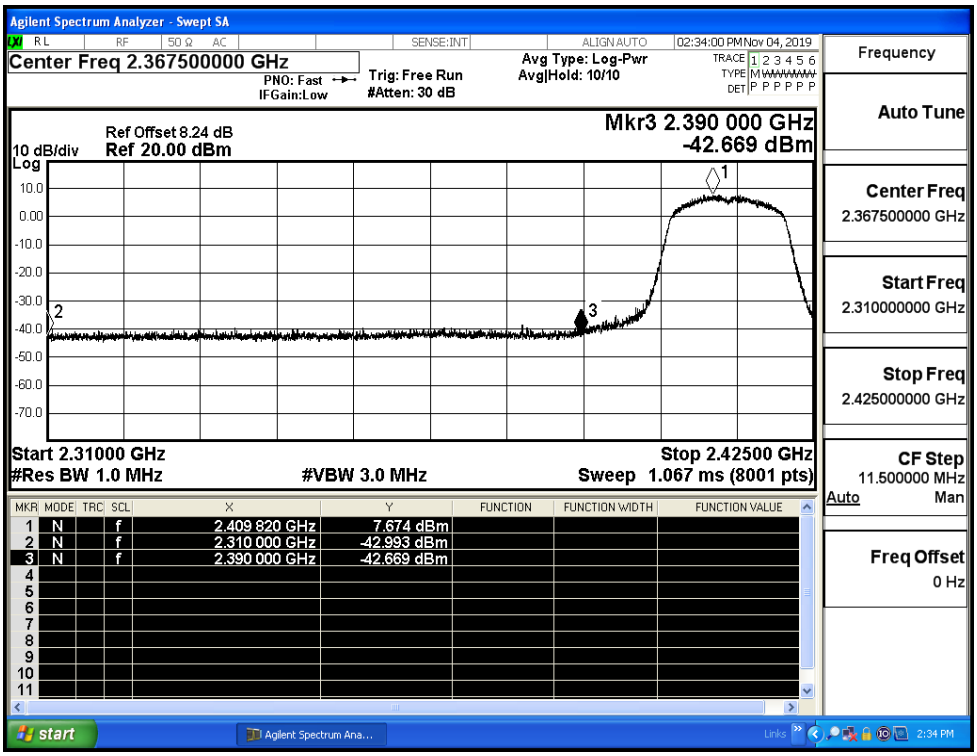

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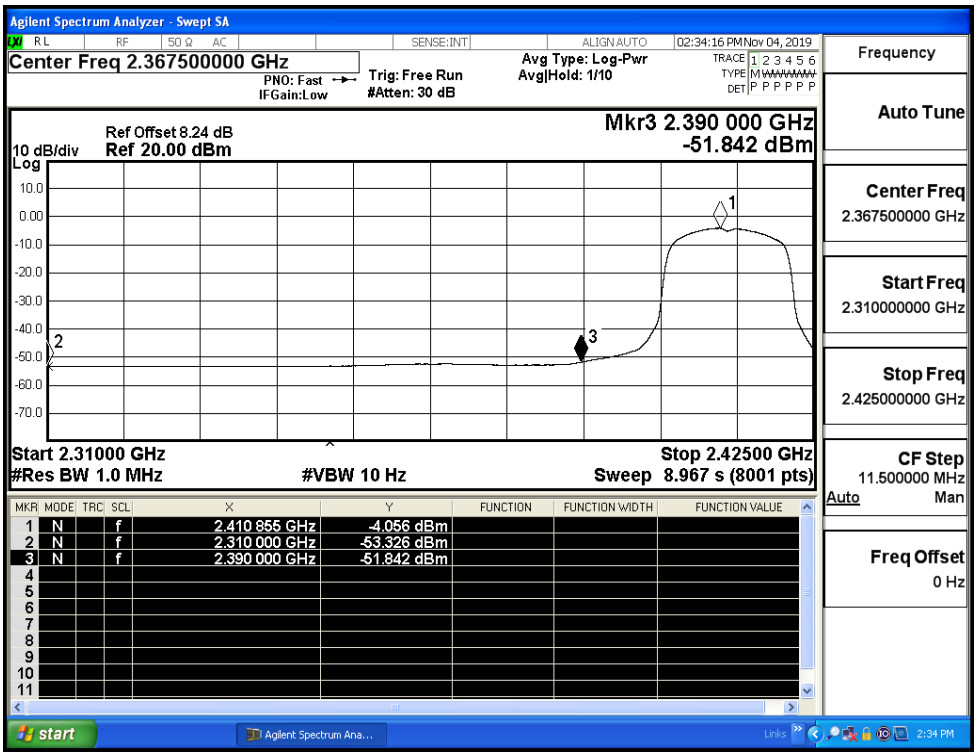
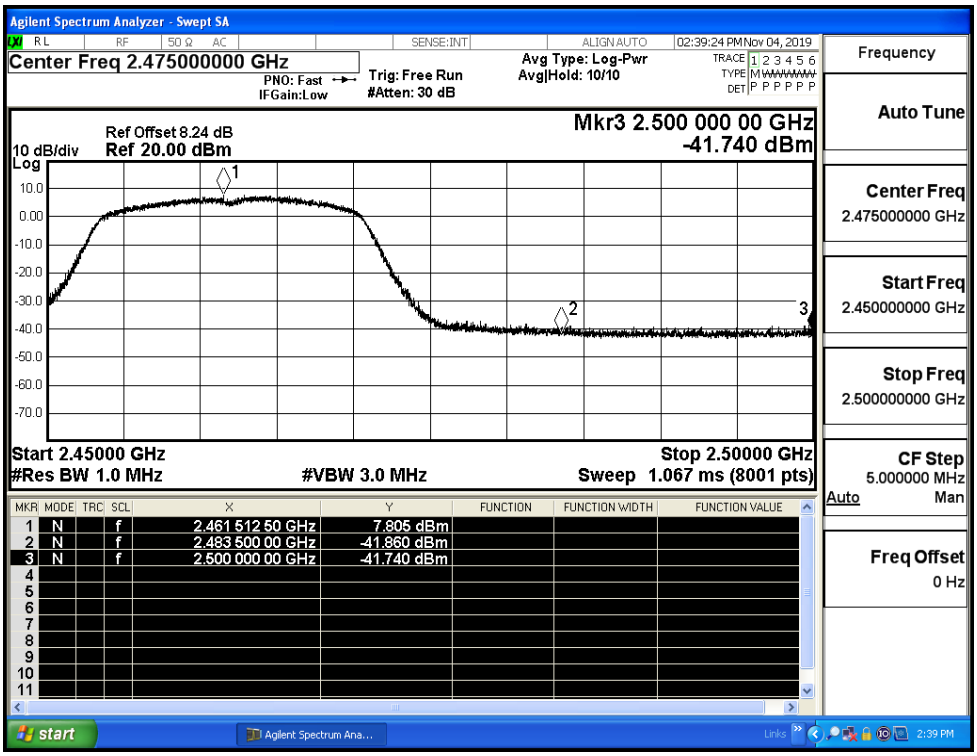


Restrict-band band-edge measurements_11N20_2462_Ant_2_PEAK



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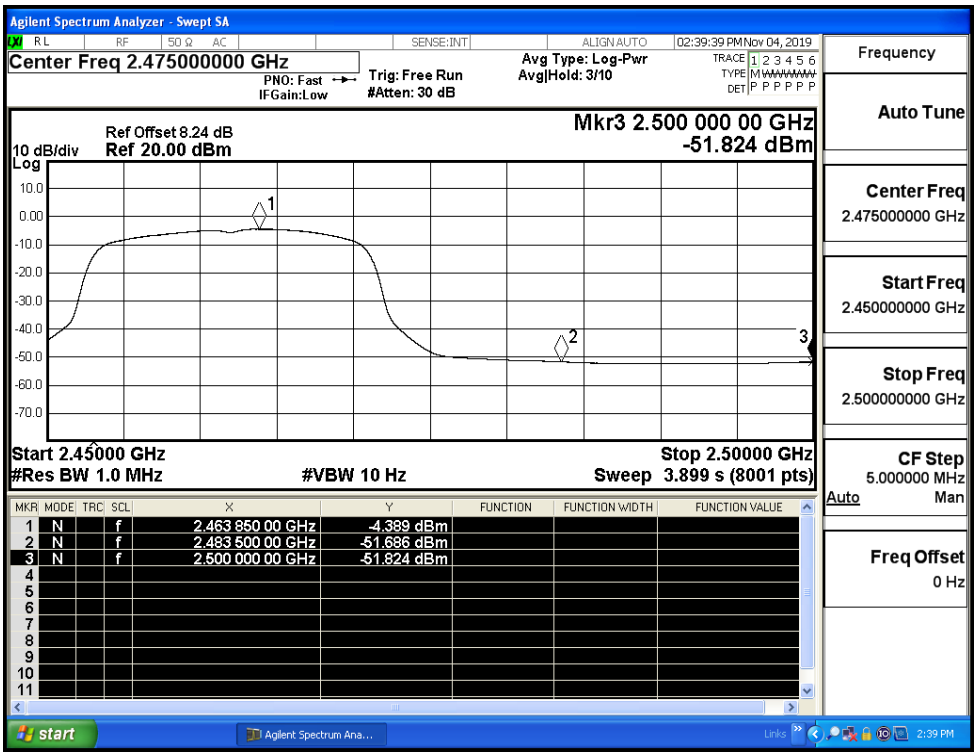
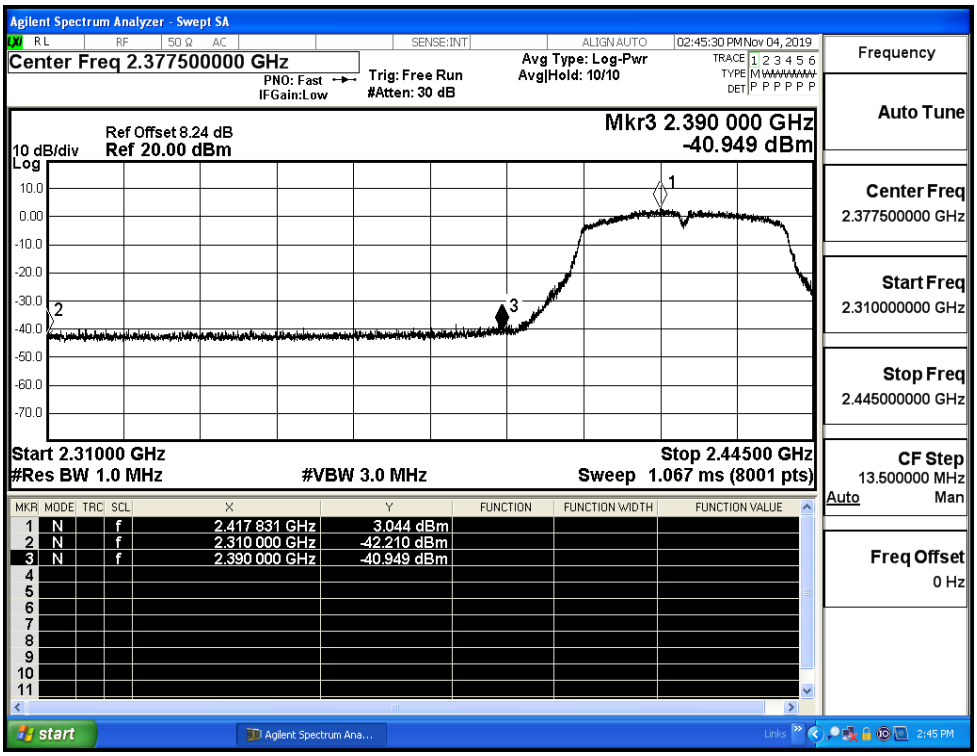


Restrict-band band-edge measurements_11N40_2422_Ant_2_PEAK



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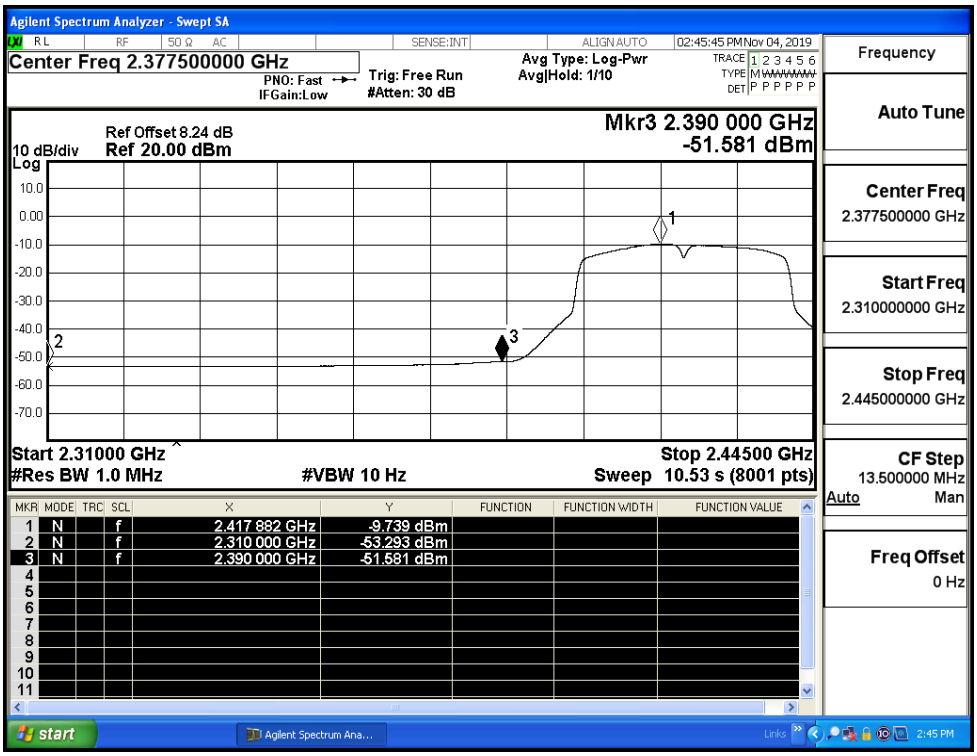
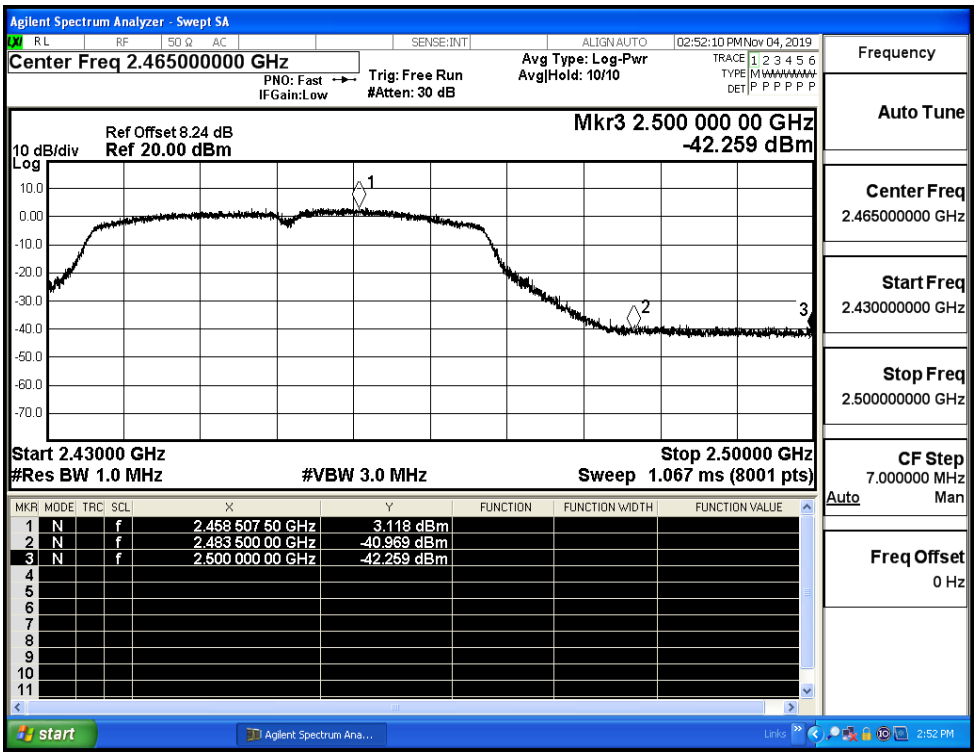


Restrict-band band-edge measurements_11N40_2452_Ant_2_PEAK



Restrict-band band-edge measurements_11N40_2452_Ant_2_AV