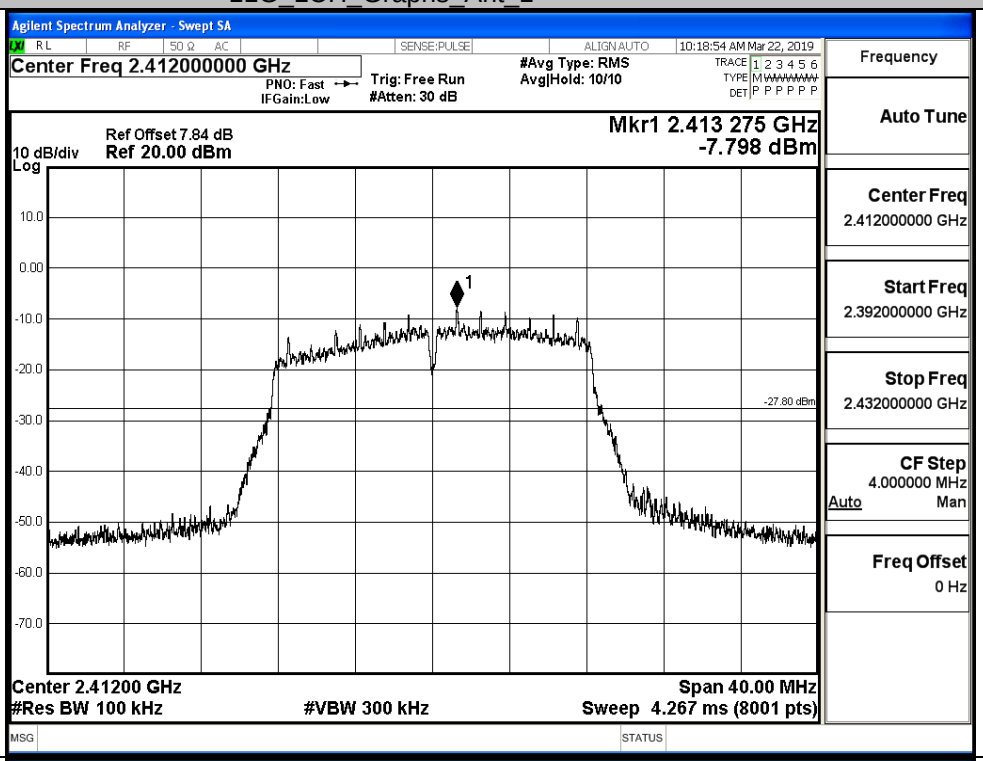
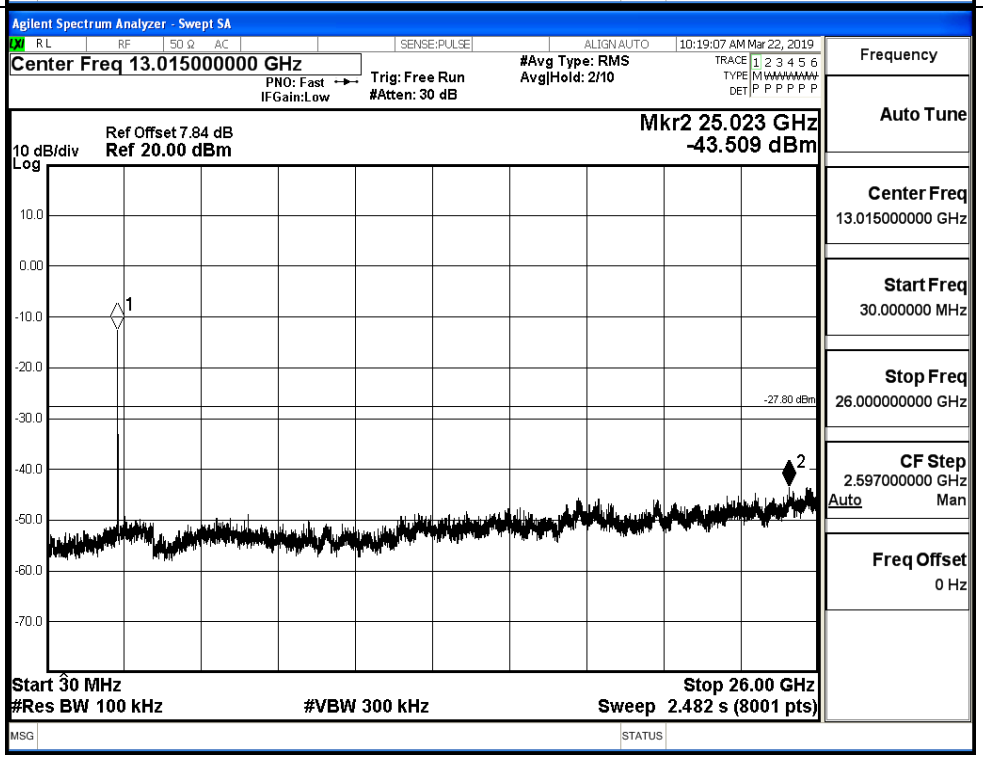
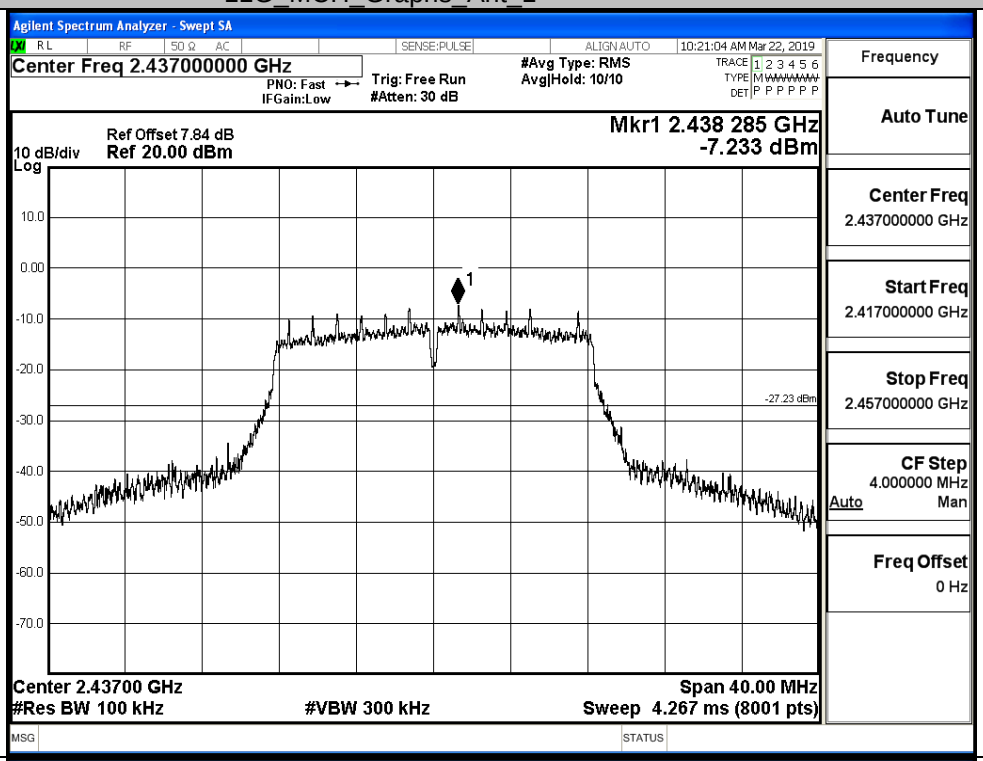
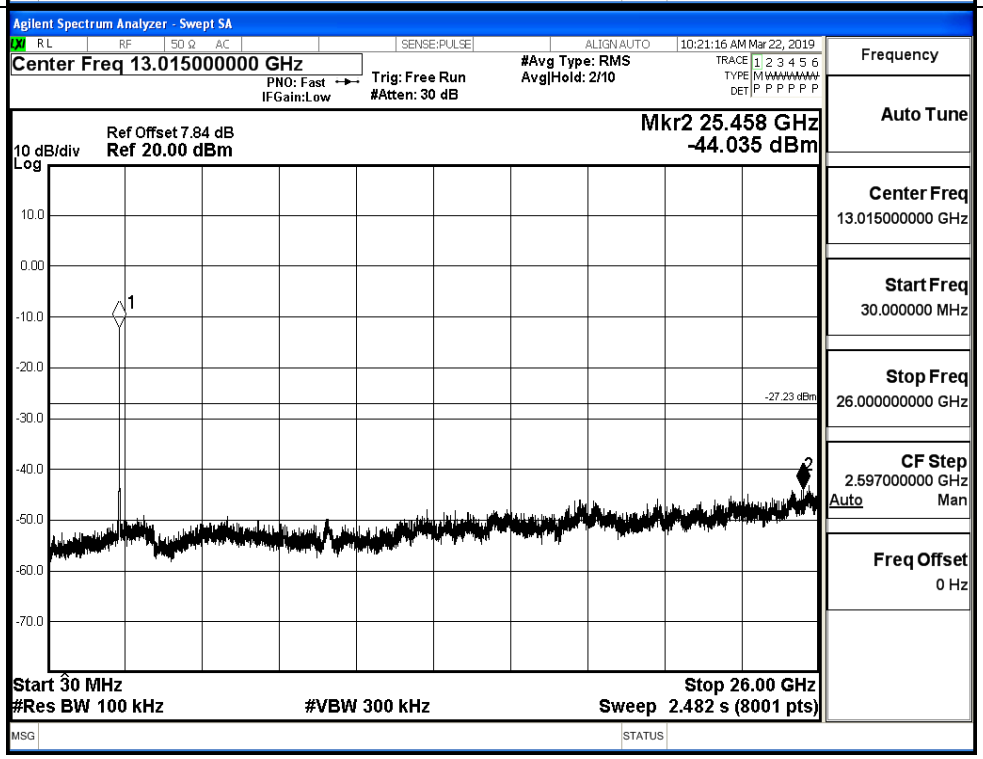
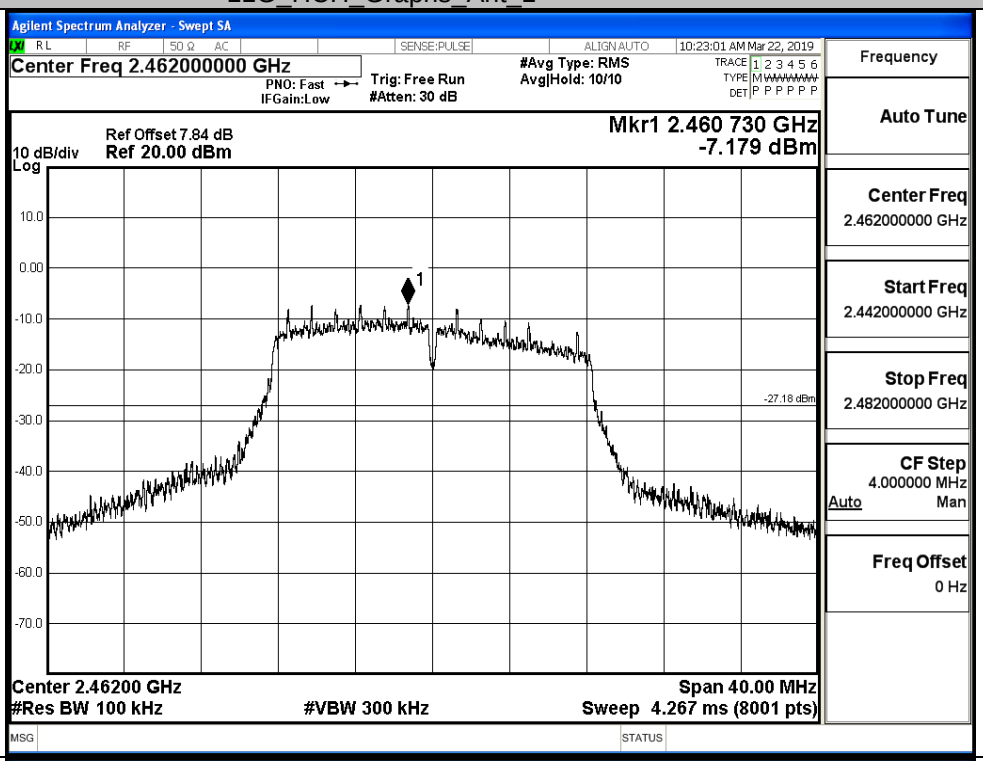
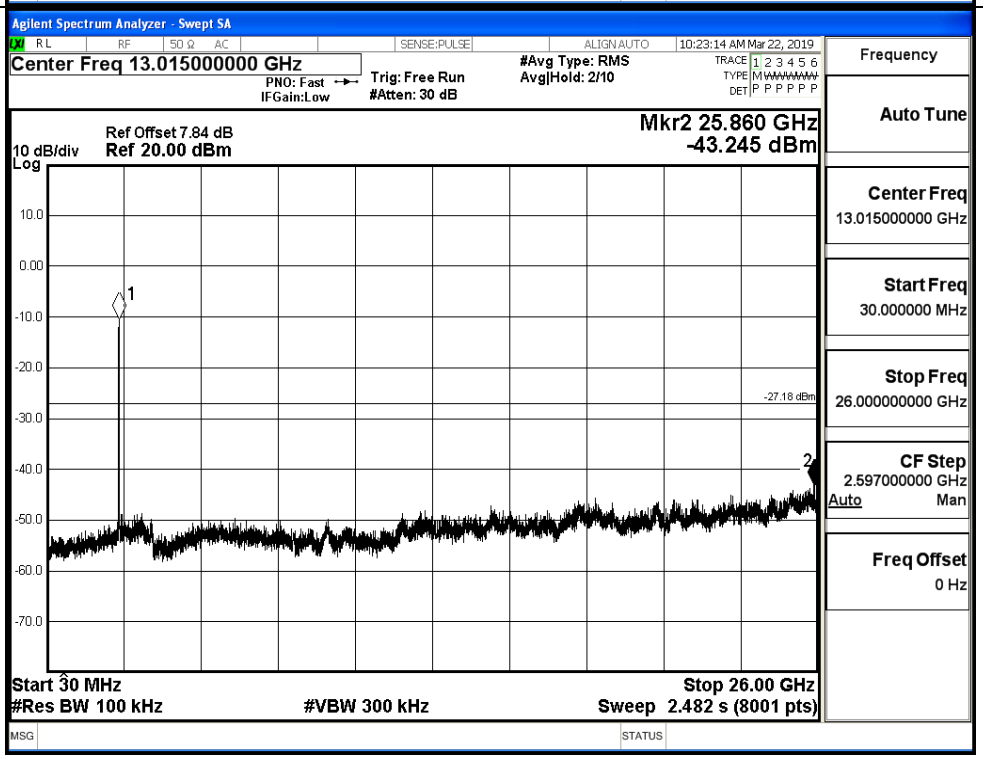
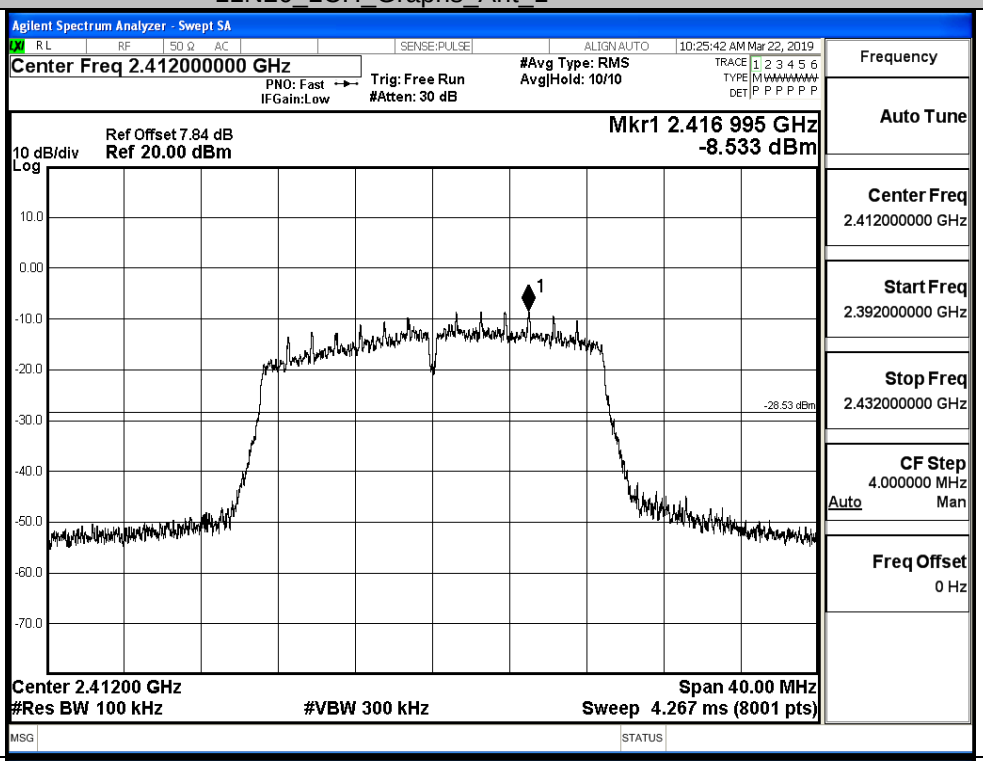
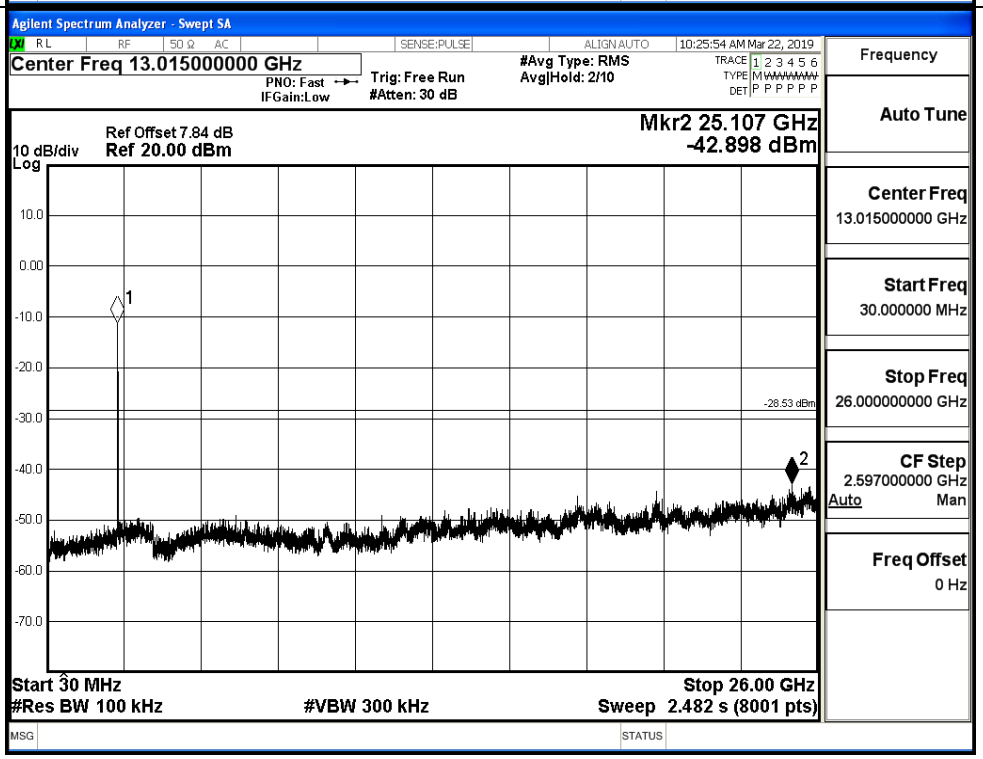
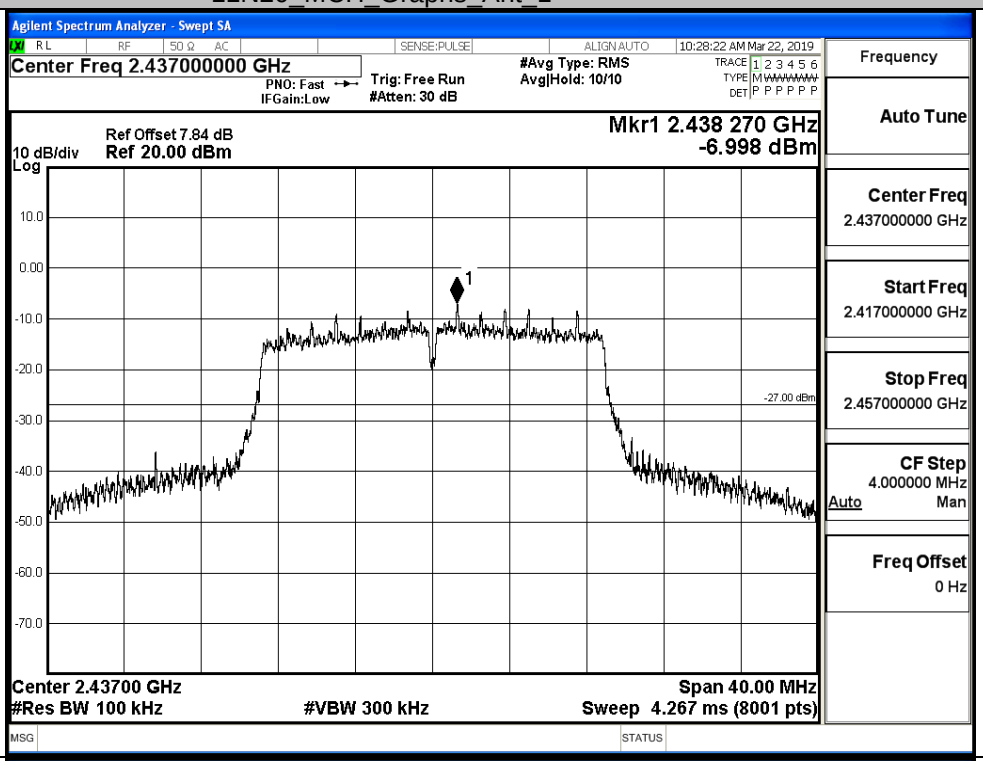
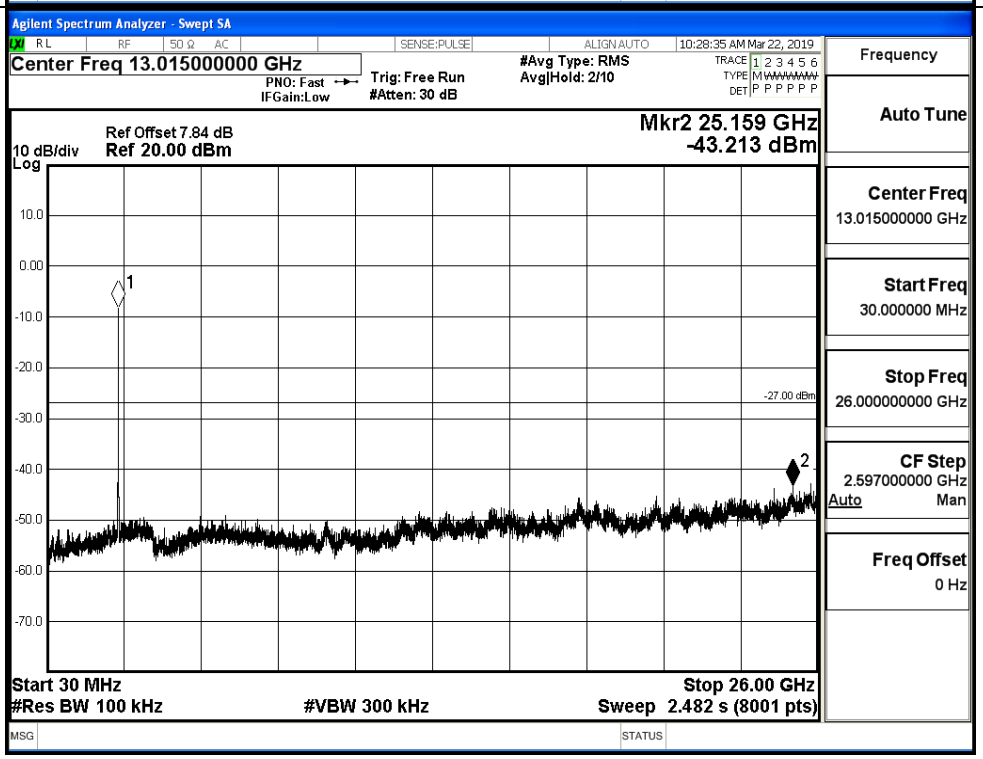
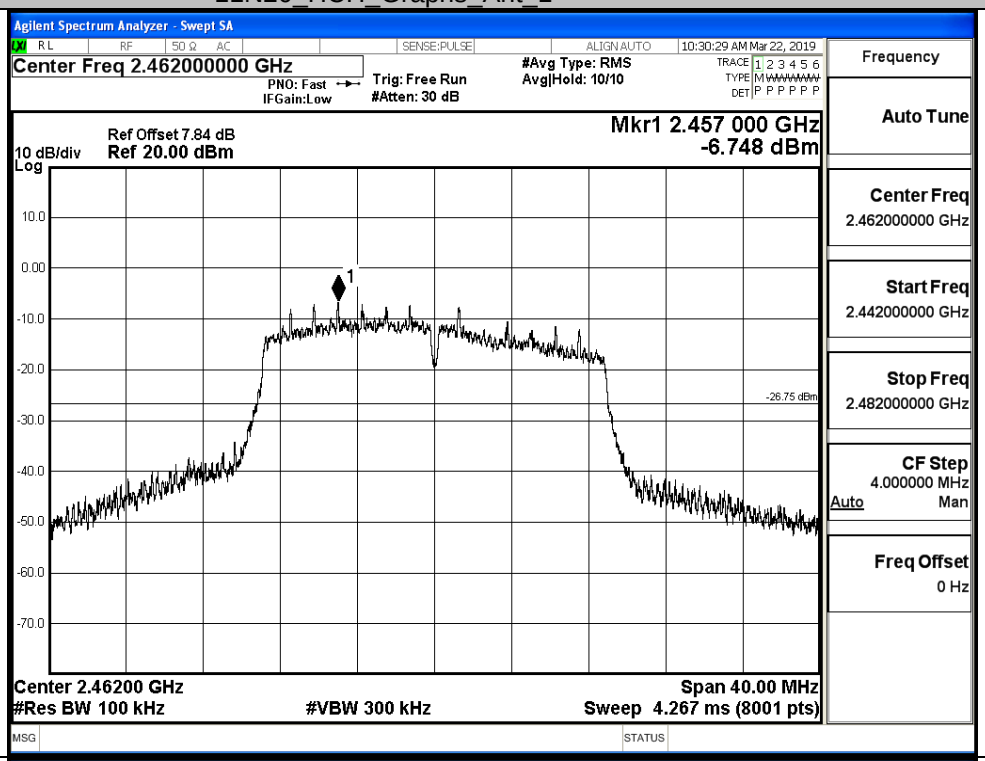
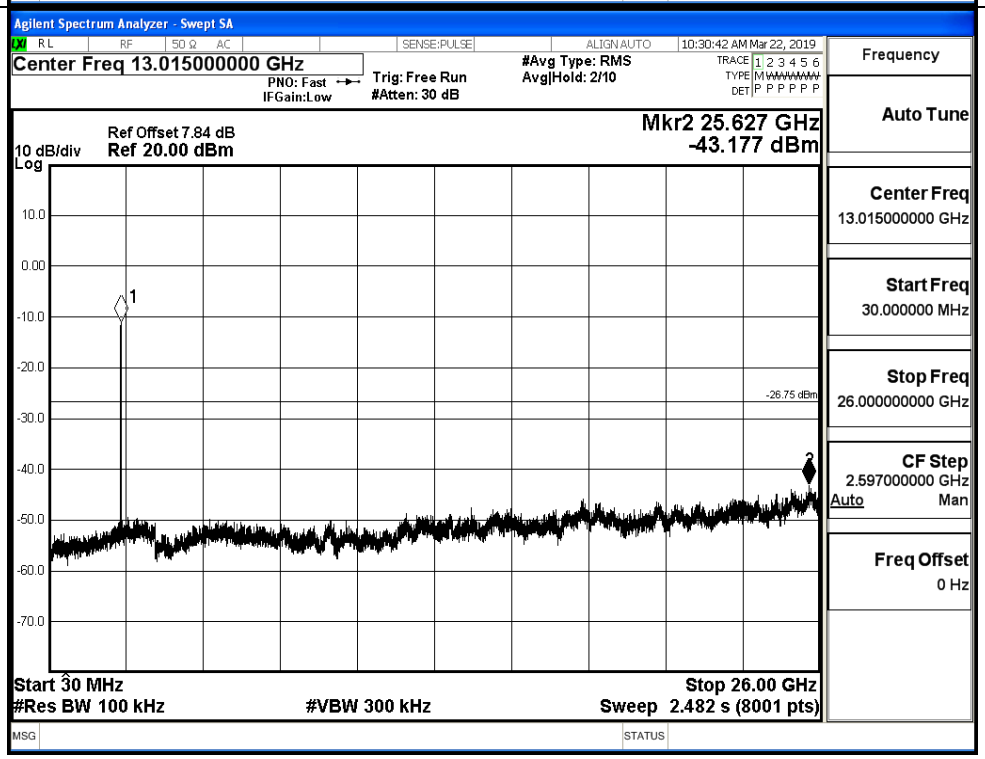
11G_LCH_Graphs_Ant_1	
Pref/11G/LCH	
Puw/11G/LCH	

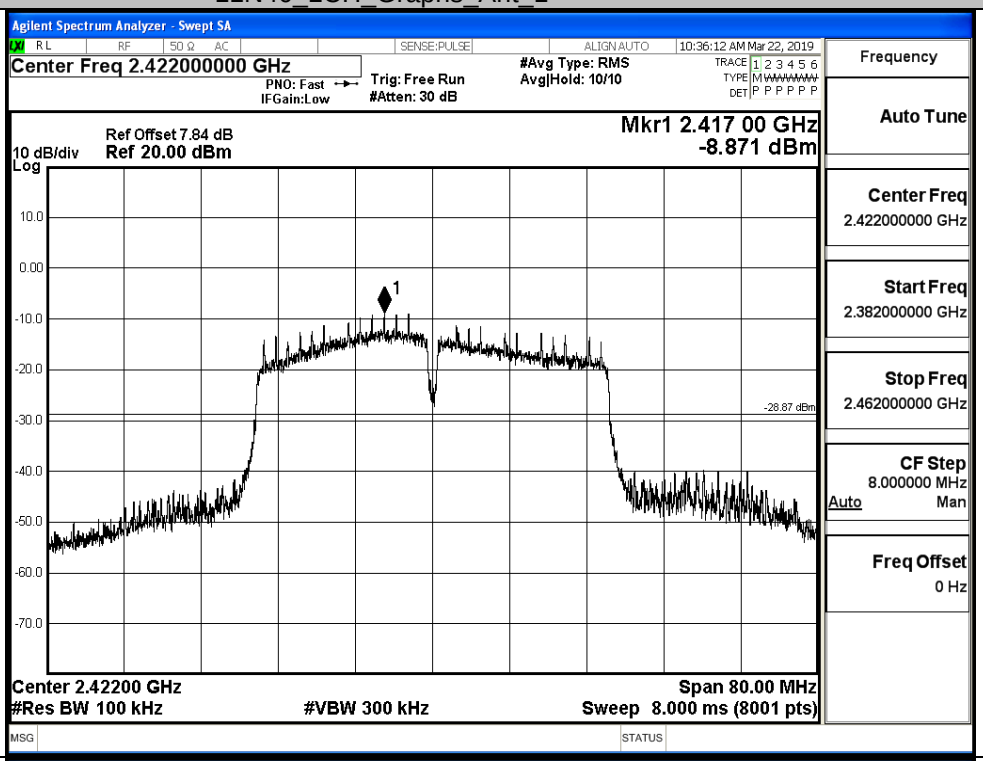
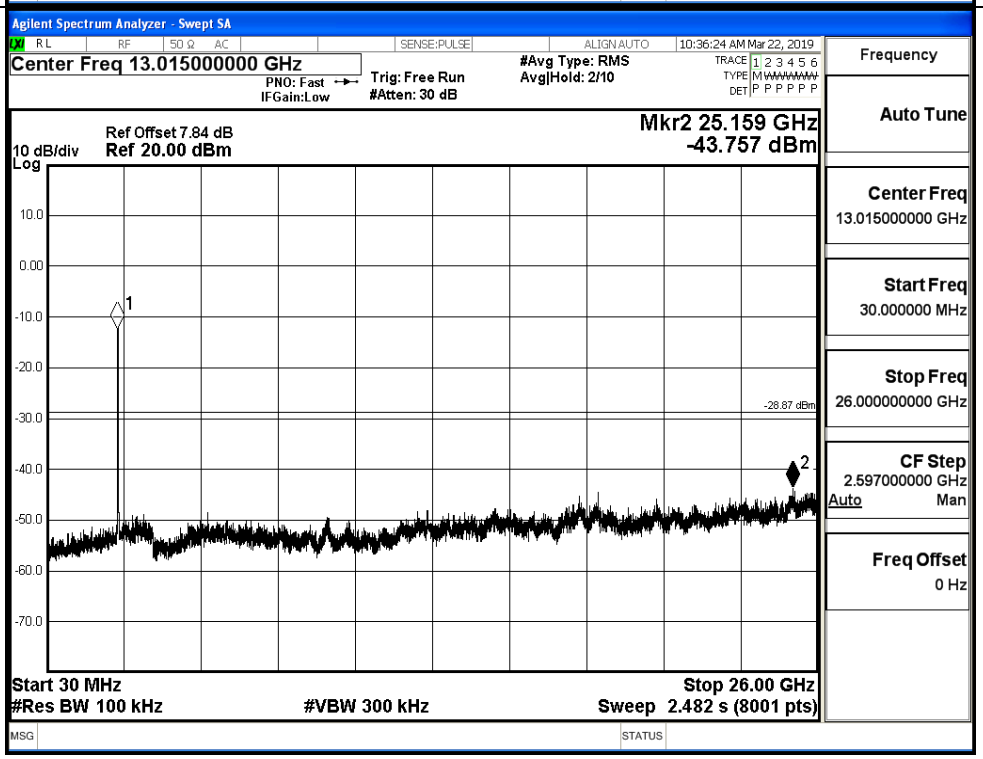
11G_MCH_Graphs_Ant_1		
Pref/11G/MCH		
Puw/11G/MCH		

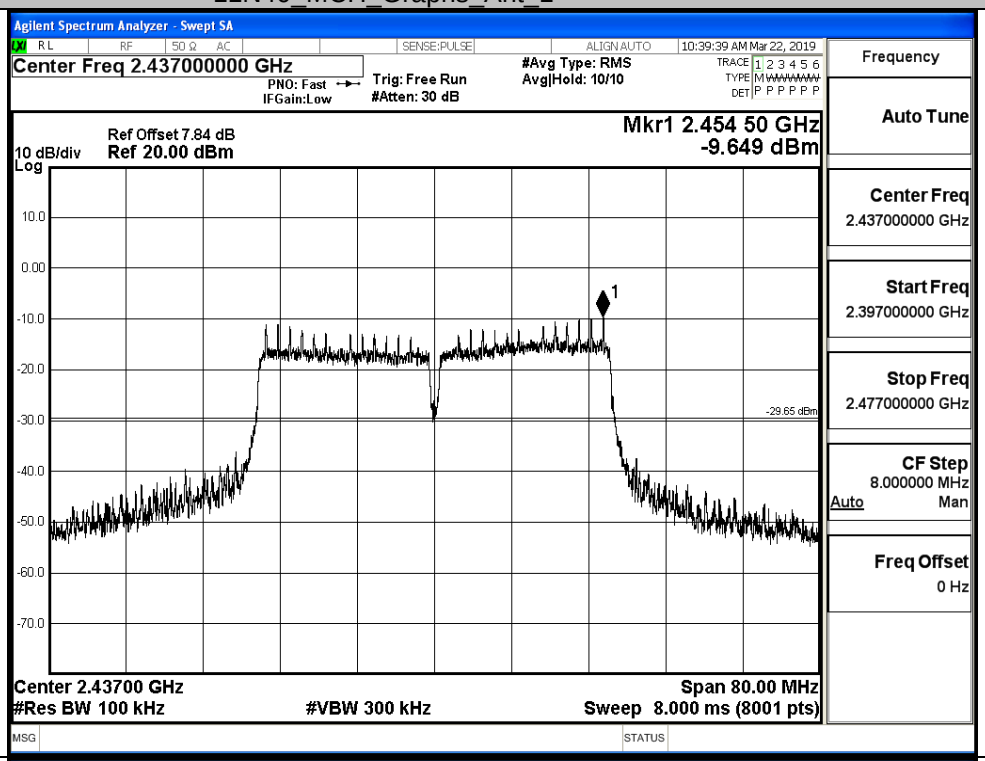
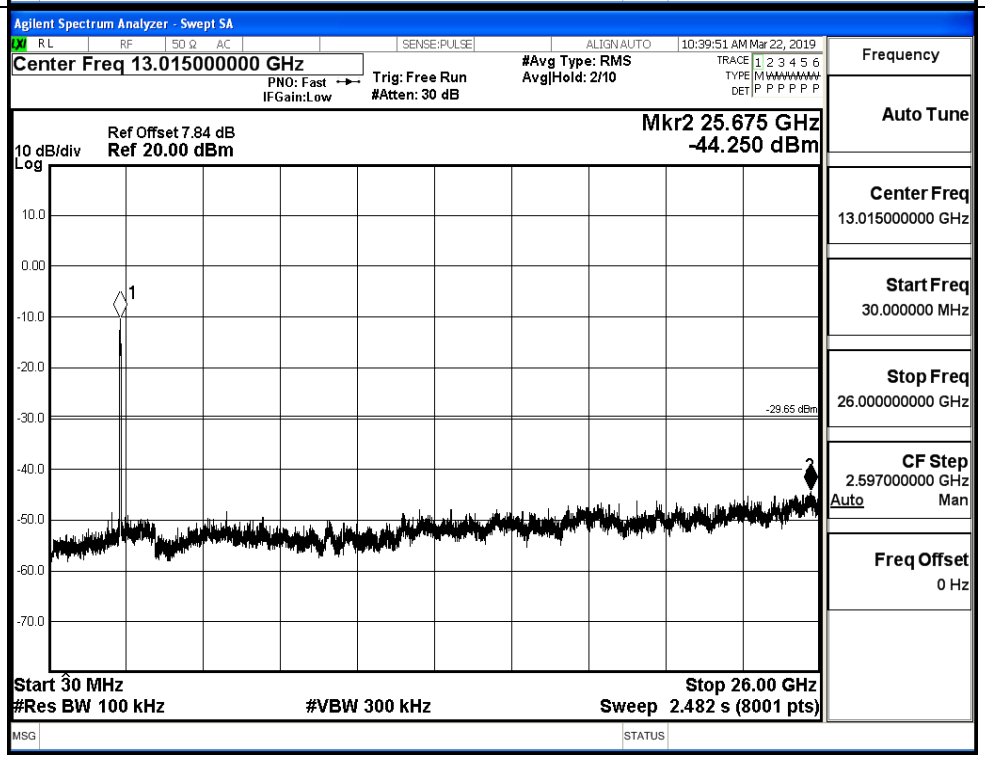
11G_HCH_Graphs_Ant_1		
Pref/11G/HCH		
Puw/11G/HCH		

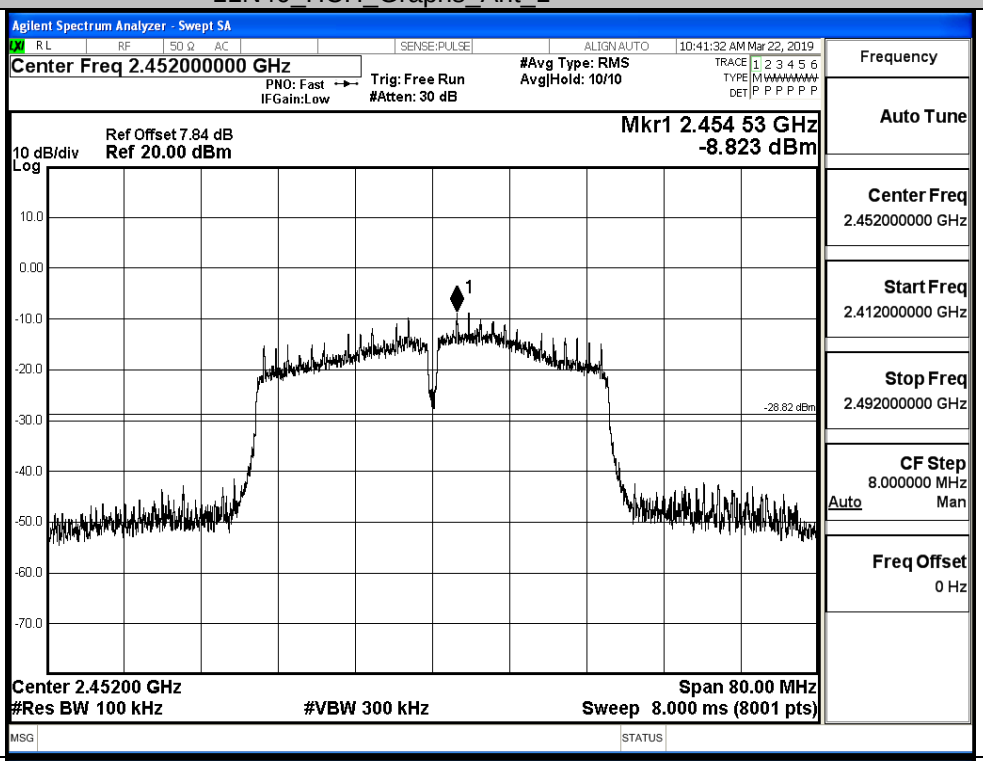
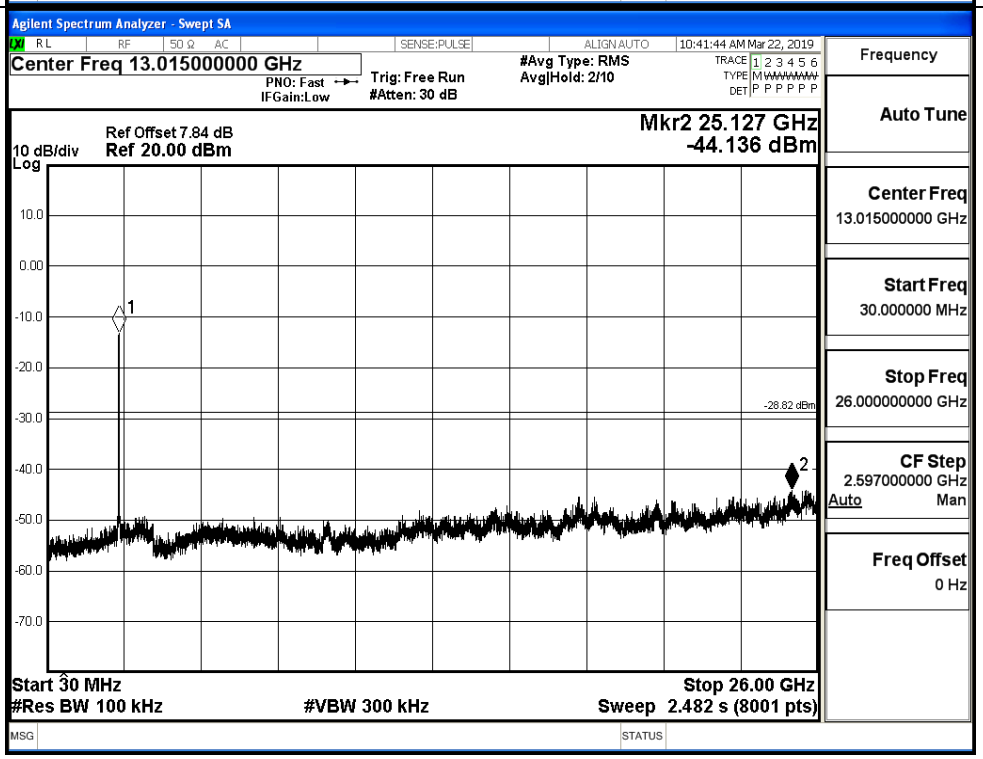
11N20_LCH_Graphs_Ant_1		
Pref/11N20/ LCH		
Puw/11N20/ LCH		

11N20_MCH_Graphs_Ant_1		
Pref/11N20/ MCH		
Puw/11N20/ MCH		

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

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

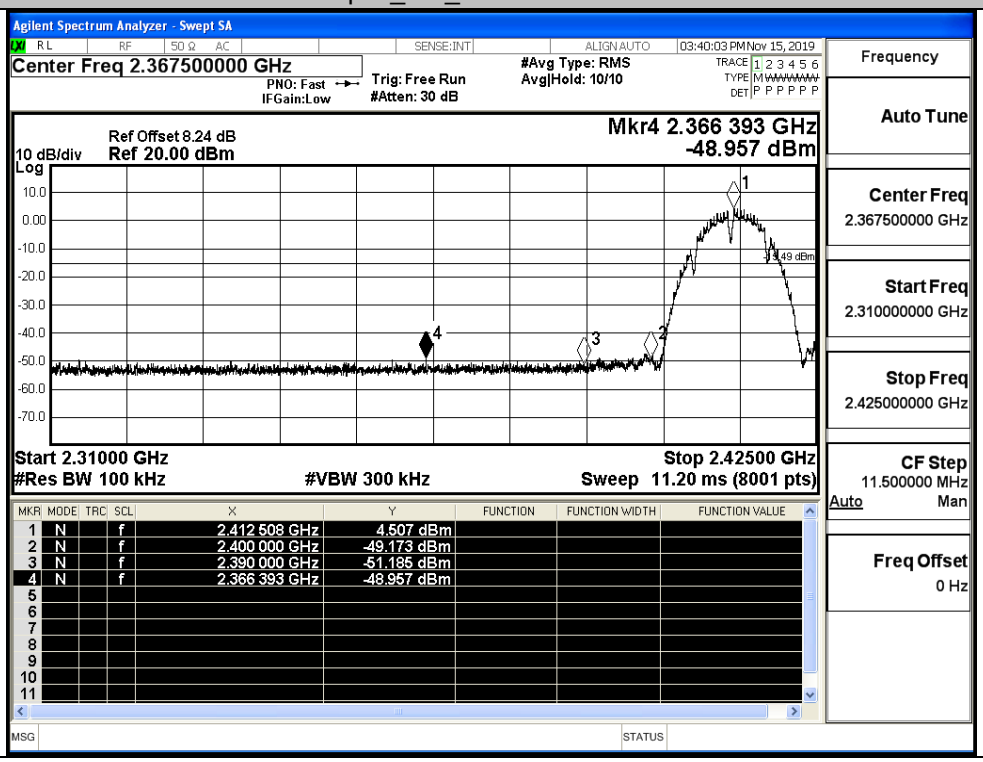
11N40_MCH_Graphs_Ant_1		
Pref/11N40/ MCH		
Puw/11N40/ MCH		

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

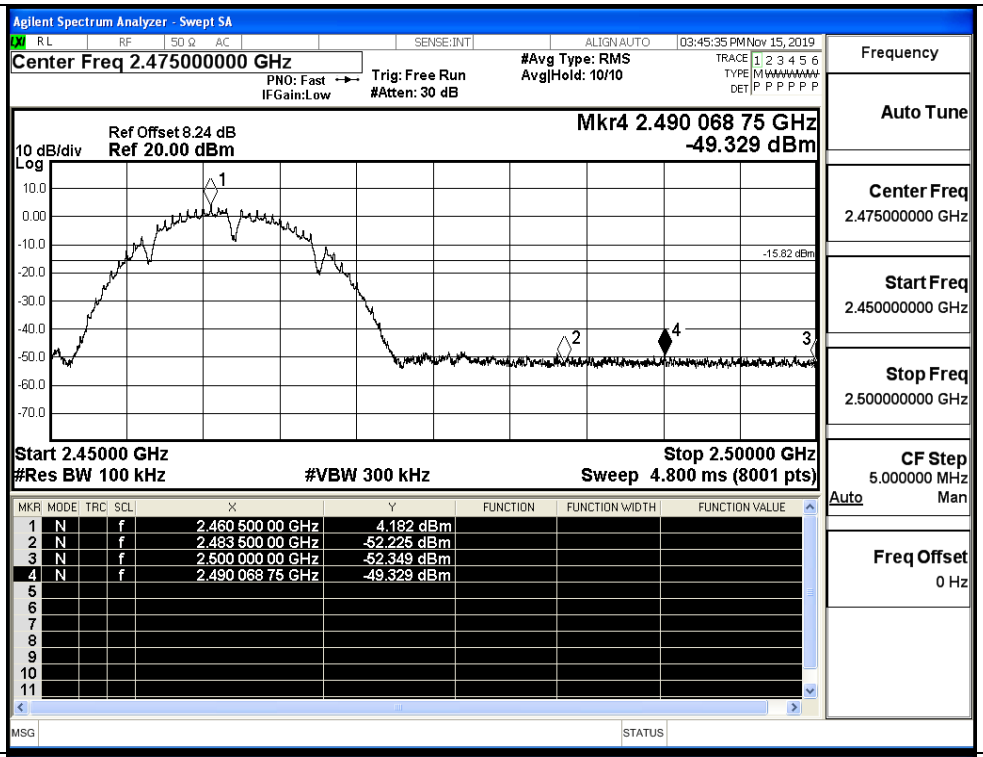
C.6 Band-edge for RF Conducted Emissions

Ant_0

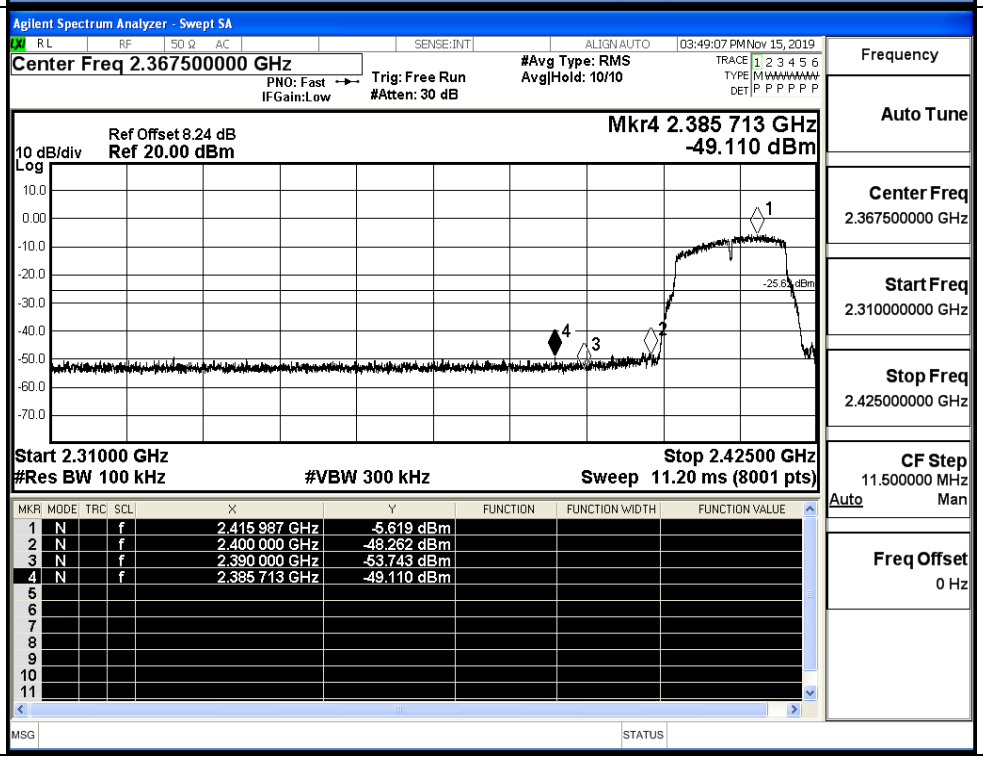
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.507	-48.957	-15.49	PASS
	HCH	4.182	-49.329	-15.82	PASS
11G	LCH	-5.619	-49.110	-25.62	PASS
	HCH	-5.138	-48.962	-25.14	PASS
11N20	LCH	-7.102	-48.426	-27.1	PASS
	HCH	-6.684	-49.114	-26.68	PASS
11N40	LCH	-7.984	-48.724	-27.98	PASS
	HCH	-8.240	-48.966	-28.24	PASS

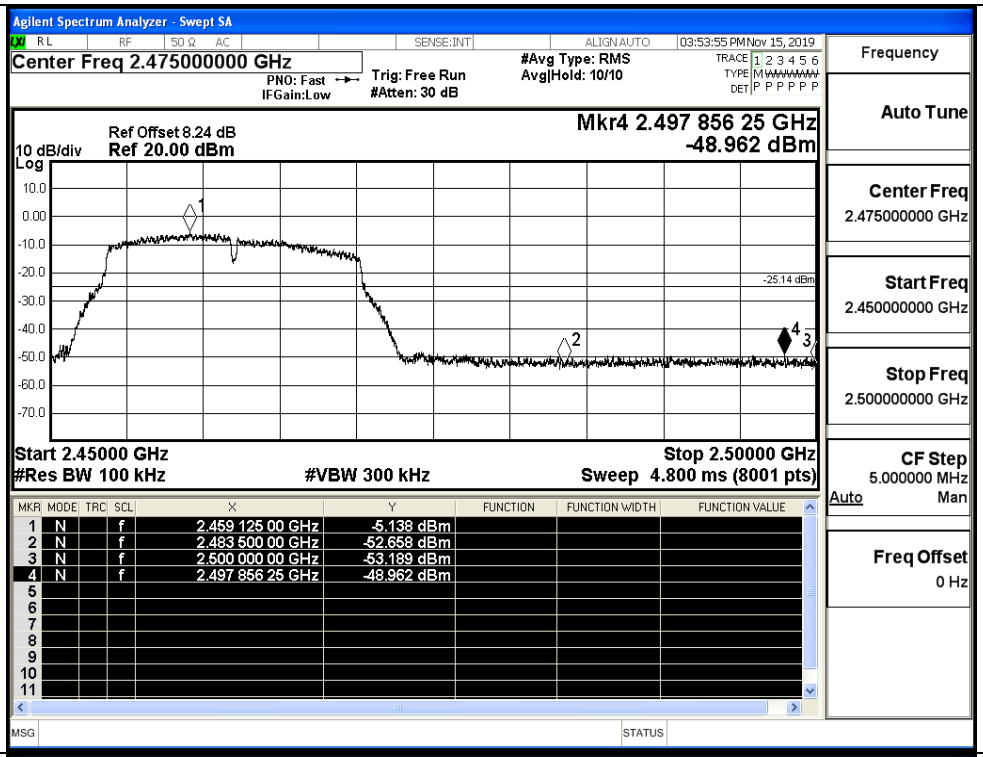
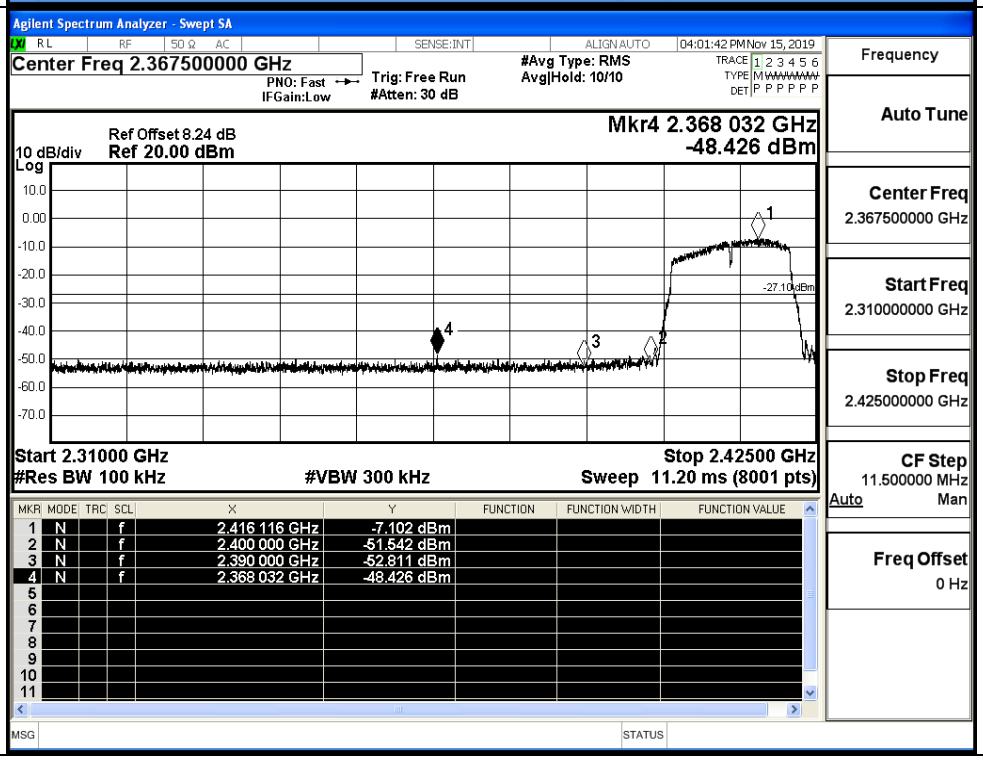
Test Graphs_Ant_0	
11B/LCH	

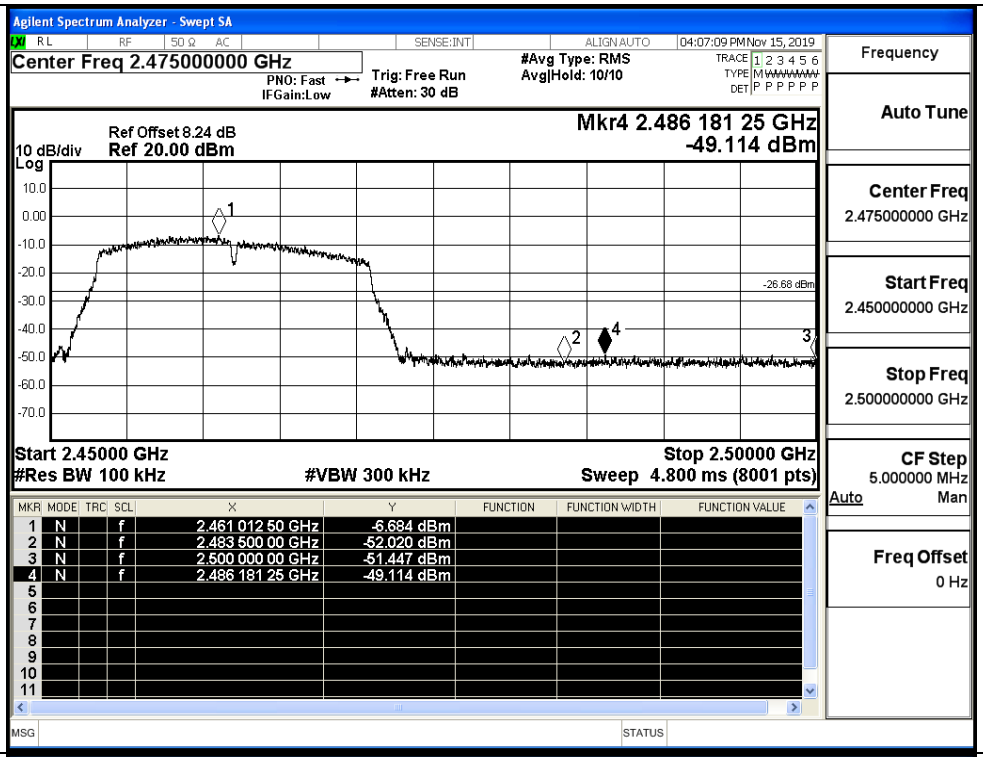
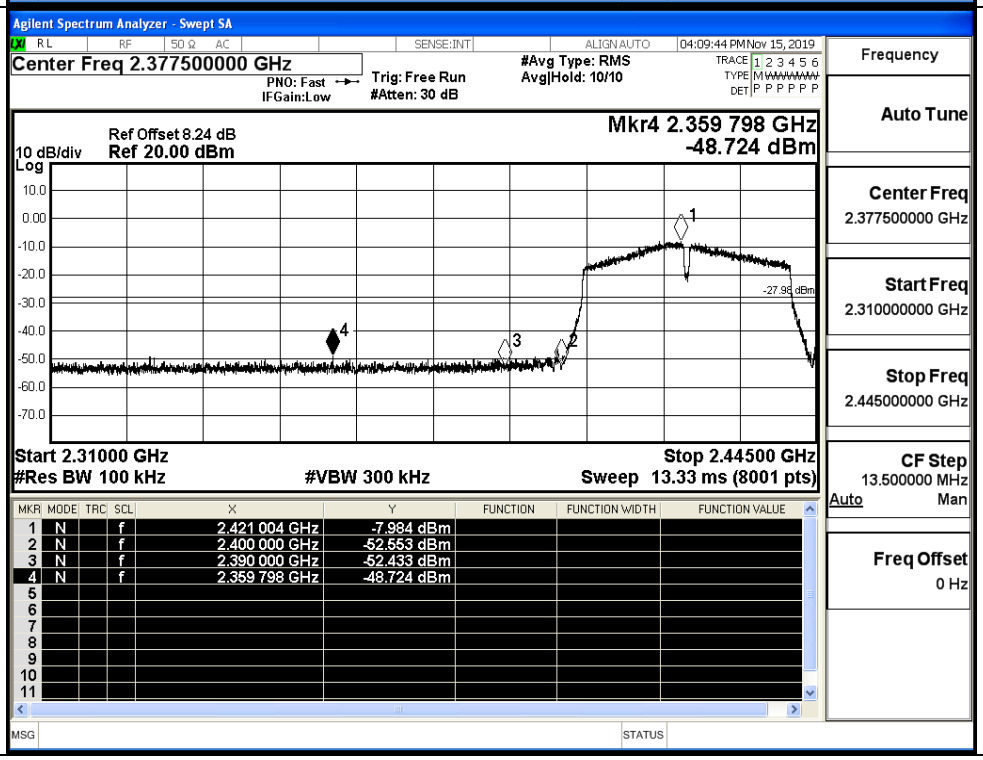
11B/HCH



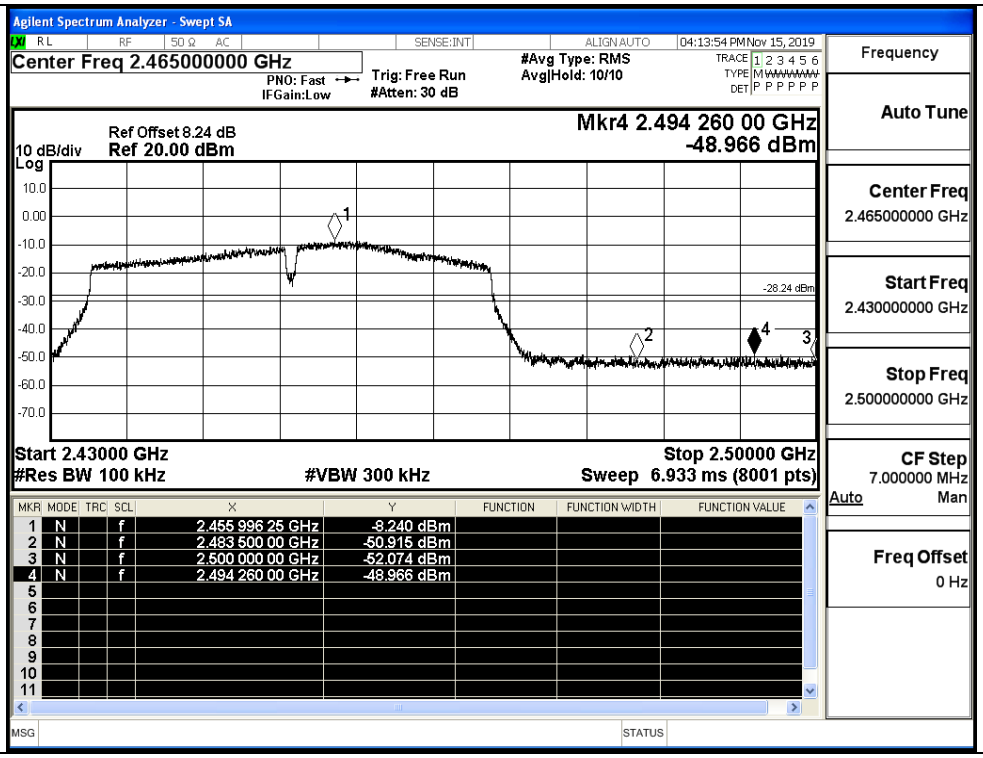
11G/LCH



11G/HCH		
11N20/LCH		

11N20/HCH		
11N40/LCH		

11N40/HCH

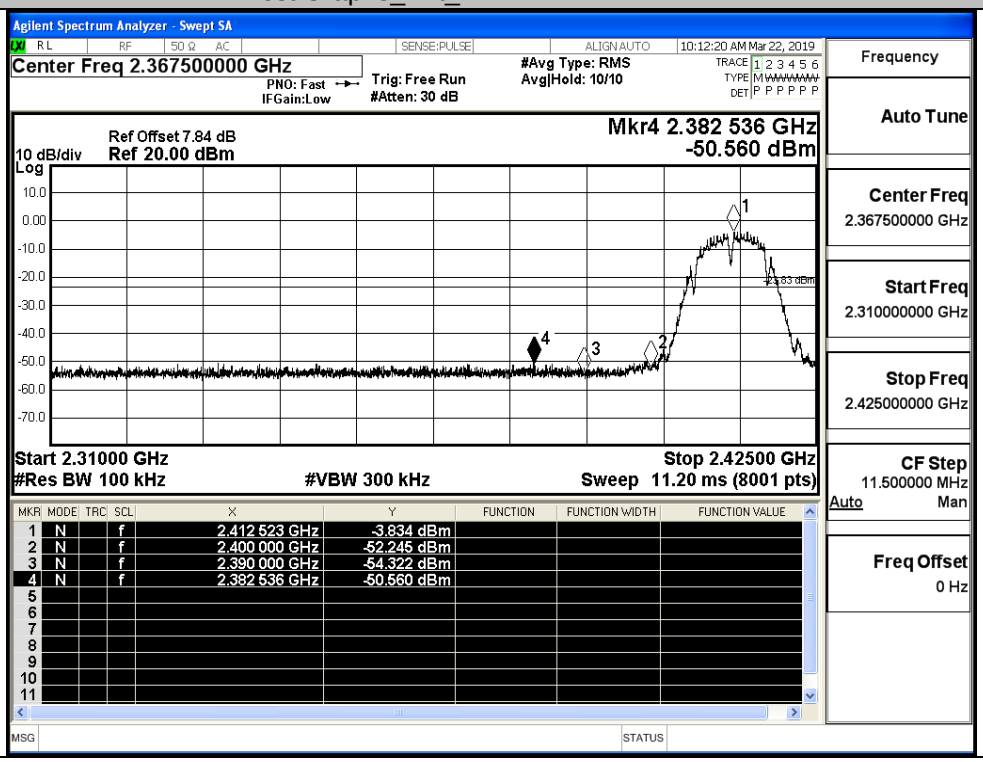

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
04:13:54 PM Nov 15, 2019
Ref Offset 8.24 dB
10 dB/div
Ref 20.00 dBm
Mkr4 2.494 260 00 GHz
-48.966 dBm
-28.24 dBm
Start 2.43000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.933 ms (8001 pts)
1 N f 2.455 996 25 GHz -8.240 dBm
2 N f 2.483 500 00 GHz -50.915 dBm
3 N f 2.500 000 00 GHz -52.074 dBm
4 N f 2.494 260 00 GHz -48.966 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

Ant_1

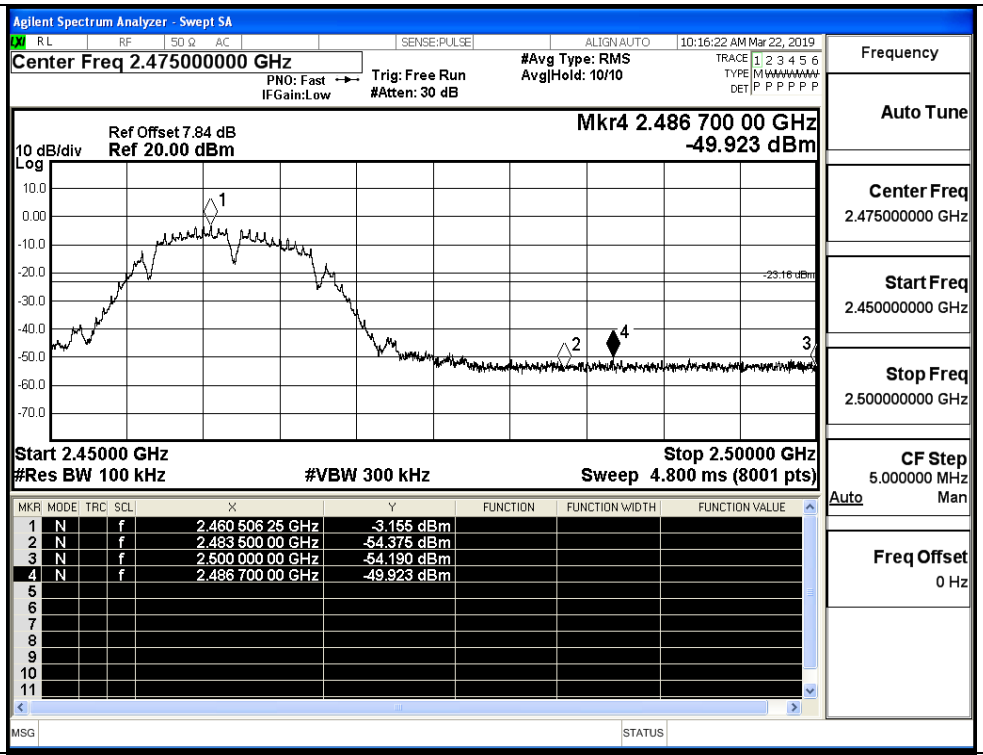
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-3.834	-50.560	-23.83	PASS
	HCH	-3.155	-49.923	-23.16	PASS
11G	LCH	-7.862	-50.519	-27.86	PASS
	HCH	-7.233	-49.938	-27.23	PASS
11N20	LCH	-7.788	-50.052	-27.79	PASS
	HCH	-6.749	-48.372	-26.75	PASS
11N40	LCH	-8.617	-48.989	-28.62	PASS
	HCH	-9.129	-43.849	-29.13	PASS

Test Graphs_Ant_1

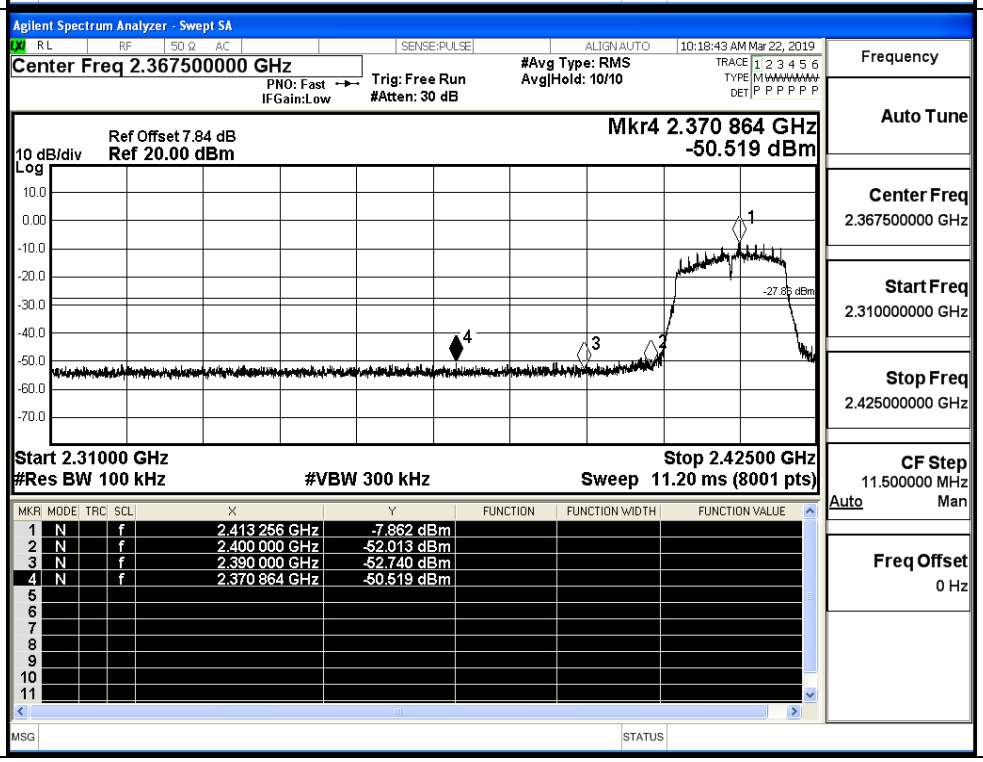
11B/LCH



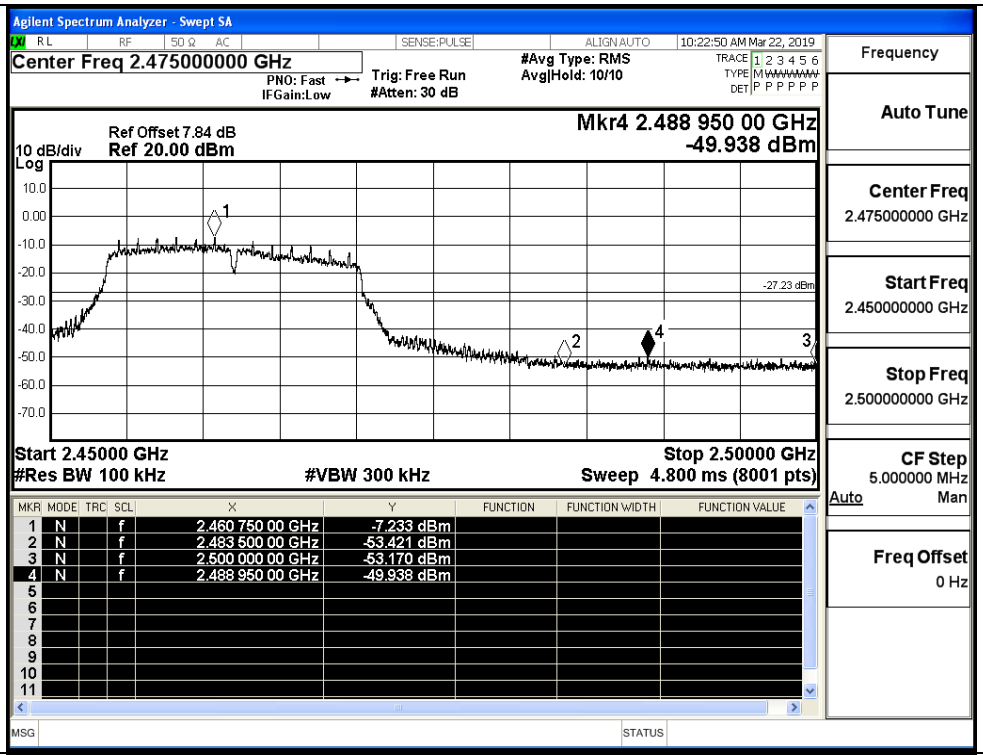
11B/HCH



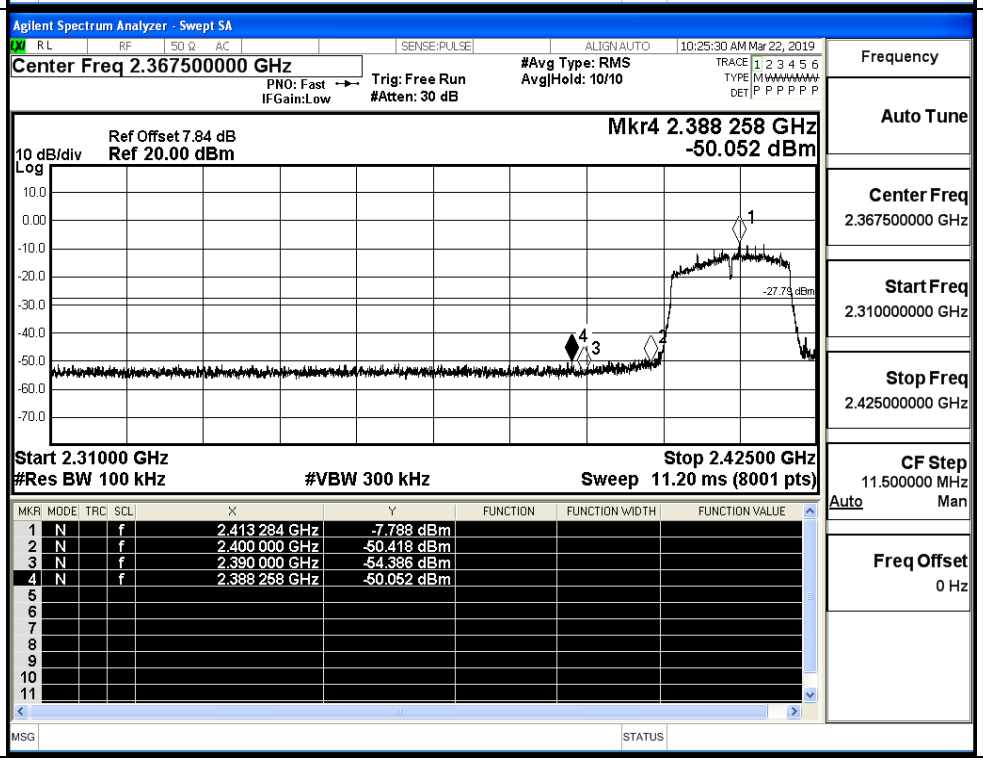
11G/LCH



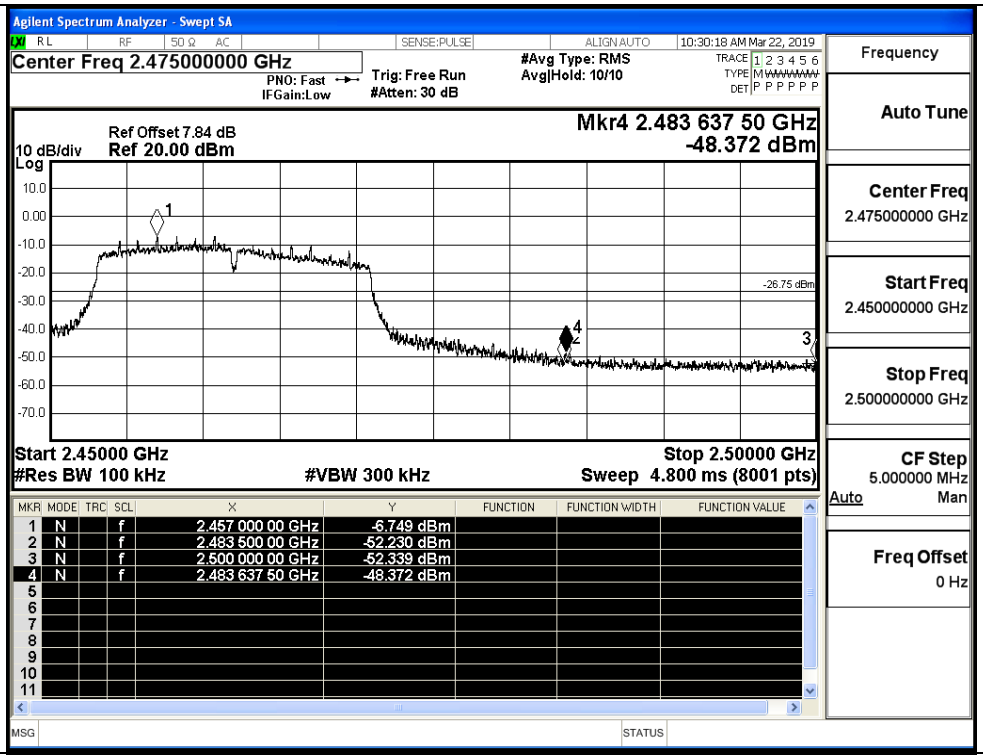
11G/HCH



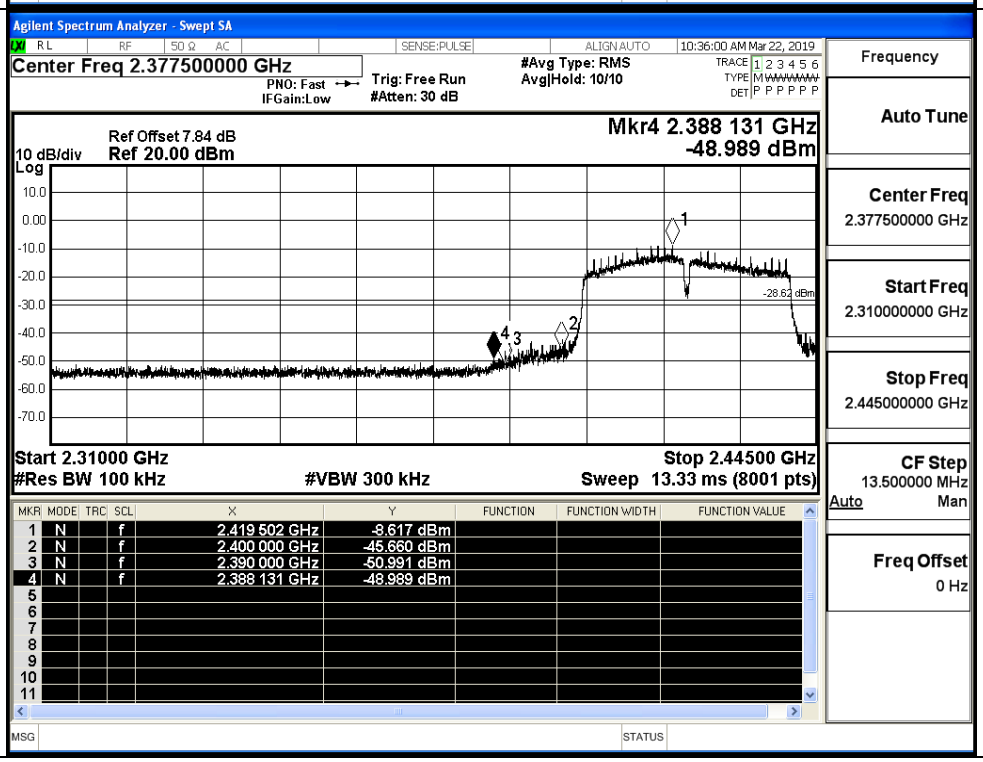
11N20/LCH



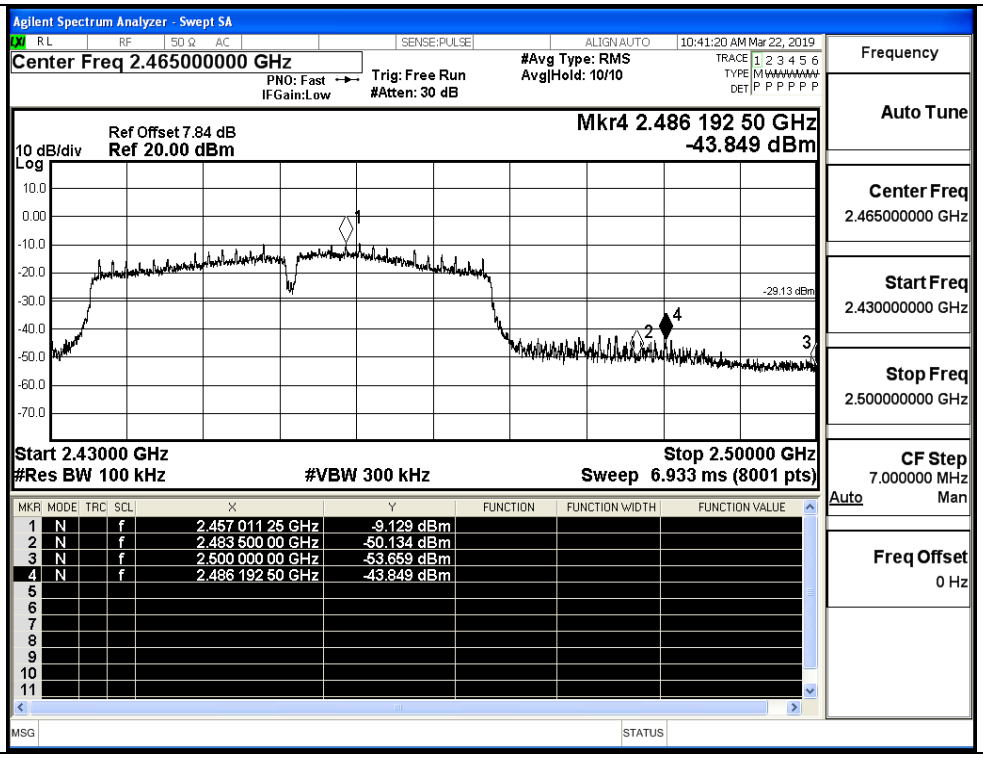
11N20/HCH



11N40/LCH



11N40/HCH


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
10:41:20 AM Mar 22, 2019
Ref Offset 7.84 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 2.486 192 50 GHz
-43.849 dBm
-29.13 dBm
Start 2.43000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.933 ms (8001 pts)
1 N f 2.457 011 25 GHz -9.129 dBm
2 N f 2.483 500 00 GHz -50.134 dBm
3 N f 2.500 000 00 GHz -53.659 dBm
4 N f 2.486 192 50 GHz -43.849 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

C.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_0	2310.0	-42.67	3.0	0	55.56	PEAK	74	PASS
	2412	Ant_0	2310.0	-53.29	3.0	0	44.94	AV	54	PASS
	2412	Ant_0	2390.0	-42.51	3.0	0	55.72	PEAK	74	PASS
	2412	Ant_0	2390.0	-52.75	3.0	0	45.48	AV	54	PASS
	2462	Ant_0	2483.5	-41.62	3.0	0	56.61	PEAK	74	PASS
	2462	Ant_0	2483.5	-52.37	3.0	0	45.86	AV	54	PASS
	2462	Ant_0	2500.0	-42.87	3.0	0	55.36	PEAK	74	PASS
	2462	Ant_0	2500.0	-52.26	3.0	0	45.97	AV	54	PASS
11G	2412	Ant_0	2310.0	-41.86	3.0	0	56.37	PEAK	74	PASS
	2412	Ant_0	2310.0	-53.29	3.0	0	44.94	AV	54	PASS
	2412	Ant_0	2390.0	-43.41	3.0	0	54.82	PEAK	74	PASS
	2412	Ant_0	2390.0	-52.69	3.0	0	45.54	AV	54	PASS
	2462	Ant_0	2483.5	-41.97	3.0	0	56.26	PEAK	74	PASS
	2462	Ant_0	2483.5	-52.33	3.0	0	45.90	AV	54	PASS
	2462	Ant_0	2500.0	-42.43	3.0	0	55.80	PEAK	74	PASS
	2462	Ant_0	2500.0	-52.31	3.0	0	45.92	AV	54	PASS
11N20	2412	Ant_0	2310.0	-42.13	3.0	0	56.10	PEAK	74	PASS
	2412	Ant_0	2310.0	-53.34	3.0	0	44.89	AV	54	PASS
	2412	Ant_0	2390.0	-41.59	3.0	0	56.64	PEAK	74	PASS
	2412	Ant_0	2390.0	-52.70	3.0	0	45.53	AV	54	PASS
	2462	Ant_0	2483.5	-41.17	3.0	0	57.06	PEAK	74	PASS
	2462	Ant_0	2483.5	-52.35	3.0	0	45.88	AV	54	PASS
	2462	Ant_0	2500.0	-41.77	3.0	0	56.46	PEAK	74	PASS
	2462	Ant_0	2500.0	-52.29	3.0	0	45.94	AV	54	PASS
11N40	2422	Ant_0	2310.0	-42.17	3.0	0	56.06	PEAK	74	PASS
	2422	Ant_0	2310.0	-53.30	3.0	0	44.93	AV	54	PASS

	2422	Ant_0	2390.0	-42.70	3.0	0	55.53	PEAK	74	PASS
	2422	Ant_0	2390.0	-52.53	3.0	0	45.70	AV	54	PASS
	2452	Ant_0	2483.5	-43.09	3.0	0	55.14	PEAK	74	PASS
	2452	Ant_0	2483.5	-52.18	3.0	0	46.05	AV	54	PASS
	2452	Ant_0	2500.0	-41.64	3.0	0	56.59	PEAK	74	PASS
	2452	Ant_0	2500.0	-52.29	3.0	0	45.94	AV	54	PASS

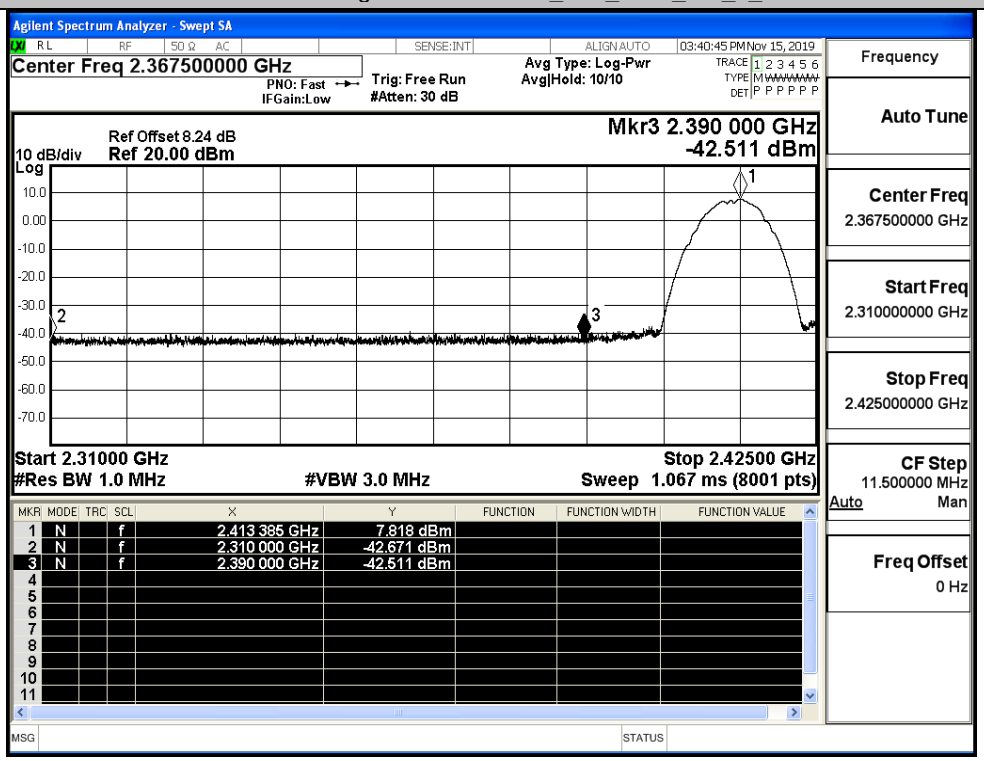
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant_1	2310.0	-43.01	3.0	0	55.22	PEAK	74	PASS
	2412	Ant_1	2310.0	-54.25	3.0	0	43.98	AV	54	PASS
	2412	Ant_1	2390.0	-44.42	3.0	0	53.81	PEAK	74	PASS
	2412	Ant_1	2390.0	-53.97	3.0	0	44.26	AV	54	PASS
	2462	Ant_1	2483.5	-43.58	3.0	0	54.65	PEAK	74	PASS
	2462	Ant_1	2483.5	-53.73	3.0	0	44.50	AV	54	PASS
	2462	Ant_1	2500.0	-42.68	3.0	0	55.55	PEAK	74	PASS
	2462	Ant_1	2500.0	-53.63	3.0	0	44.60	AV	54	PASS
11G	2412	Ant_1	2310.0	-42.94	3.0	0	55.29	PEAK	74	PASS
	2412	Ant_1	2310.0	-54.24	3.0	0	43.99	AV	54	PASS
	2412	Ant_1	2390.0	-43.75	3.0	0	54.48	PEAK	74	PASS
	2412	Ant_1	2390.0	-53.81	3.0	0	44.42	AV	54	PASS
	2462	Ant_1	2483.5	-42.49	3.0	0	55.74	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.80	3.0	0	45.43	AV	54	PASS
	2462	Ant_1	2500.0	-41.94	3.0	0	56.29	PEAK	74	PASS
	2462	Ant_1	2500.0	-53.52	3.0	0	44.71	AV	54	PASS
11N20	2412	Ant_1	2310.0	-43.22	3.0	0	55.01	PEAK	74	PASS
	2412	Ant_1	2310.0	-54.24	3.0	0	43.99	AV	54	PASS
	2412	Ant_1	2390.0	-42.35	3.0	0	55.88	PEAK	74	PASS
	2412	Ant_1	2390.0	-53.77	3.0	0	44.46	AV	54	PASS
	2462	Ant_1	2483.5	-41.23	3.0	0	57.00	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.29	3.0	0	45.94	AV	54	PASS
	2462	Ant_1	2500.0	-43.57	3.0	0	54.66	PEAK	74	PASS

	2462	Ant_1	2500.0	-53.53	3.0	0	44.70	AV	54	PASS
11N40	2422	Ant_1	2310.0	-41.17	3.0	0	57.06	PEAK	74	PASS
	2422	Ant_1	2310.0	-54.21	3.0	0	44.02	AV	54	PASS
	2422	Ant_1	2390.0	-35.16	3.0	0	63.07	PEAK	74	PASS
	2422	Ant_1	2390.0	-51.82	3.0	0	46.41	AV	54	PASS
	2452	Ant_1	2483.5	-36.01	3.0	0	62.22	PEAK	74	PASS
	2452	Ant_1	2483.5	-50.77	3.0	0	47.46	AV	54	PASS
	2452	Ant_1	2500.0	-43.19	3.0	0	55.04	PEAK	74	PASS
	2452	Ant_1	2500.0	-53.51	3.0	0	44.72	AV	54	PASS

Combined Ant_0 and Ant_1

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	-42.13	-43.22	-39.63	6.01	0	61.61	PEAK	74	PASS
	2412	2310.0	-53.34	-54.24	-50.76	6.01	0	50.48	AV	54	PASS
	2412	2390.0	-41.59	-42.35	-38.94	6.01	0	62.30	PEAK	74	PASS
	2412	2390.0	-52.70	-53.77	-50.19	6.01	0	51.05	AV	54	PASS
	2462	2483.5	-41.17	-41.23	-38.19	6.01	0	63.05	PEAK	74	PASS
	2462	2483.5	-52.35	-52.29	-49.31	6.01	0	51.93	AV	54	PASS
	2462	2500.0	-41.77	-43.57	-39.57	6.01	0	61.67	PEAK	74	PASS
	2462	2500.0	-52.29	-53.53	-49.86	6.01	0	51.38	AV	54	PASS
11N40	2422	2310.0	-42.17	-41.17	-38.63	6.01	0	62.61	PEAK	74	PASS
	2422	2310.0	-53.30	-54.21	-50.72	6.01	0	50.52	AV	54	PASS
	2422	2390.0	-42.70	-35.16	-34.46	6.01	0	66.78	PEAK	74	PASS
	2422	2390.0	-52.53	-51.82	-49.15	6.01	0	52.09	AV	54	PASS
	2452	2483.5	-43.09	-36.01	-35.23	6.01	0	66.01	PEAK	74	PASS
	2452	2483.5	-52.18	-50.77	-48.41	6.01	0	52.83	AV	54	PASS
	2452	2500.0	-41.64	-43.19	-39.34	6.01	0	61.90	PEAK	74	PASS
	2452	2500.0	-52.29	-53.51	-49.85	6.01	0	51.39	AV	54	PASS

Restrict-band band-edge measurements_11B_2412_Ant_0_PEAK



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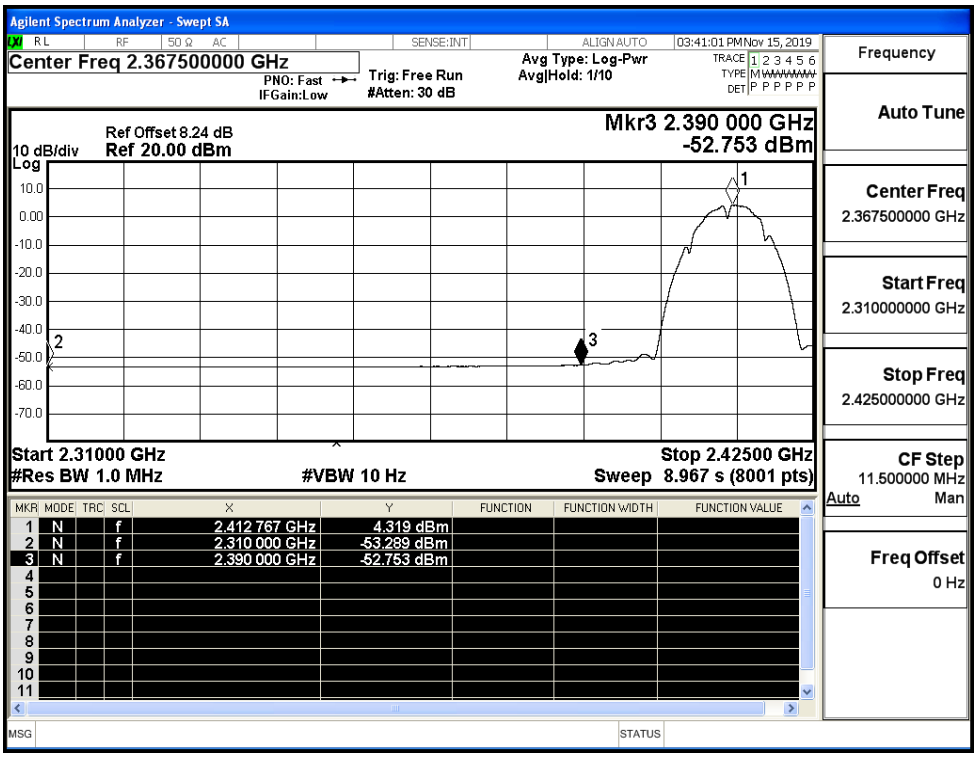

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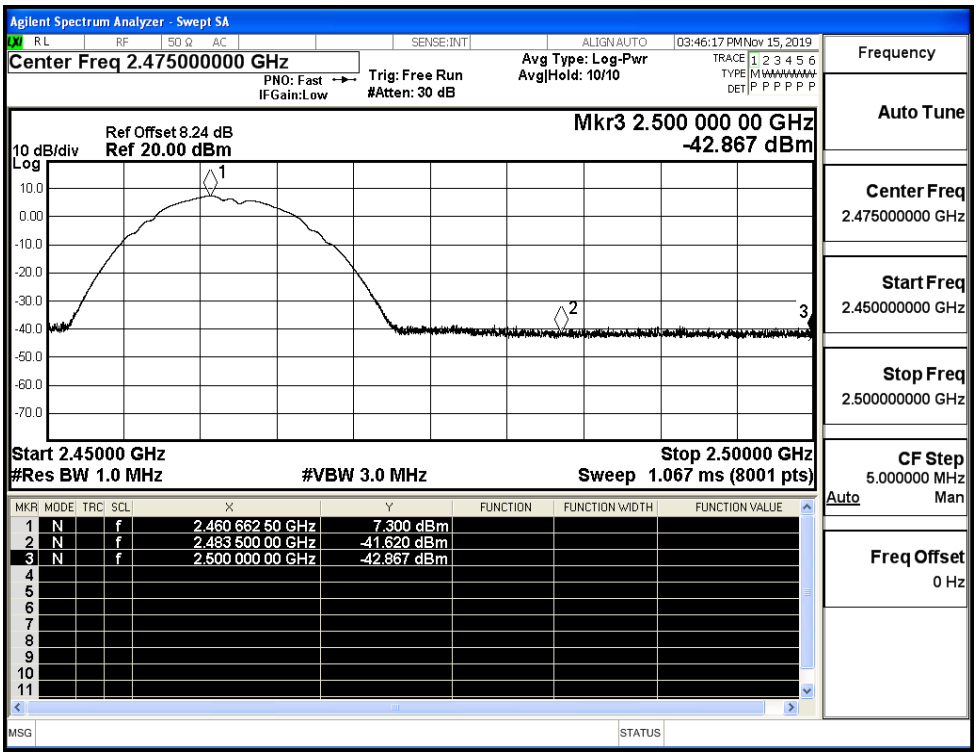

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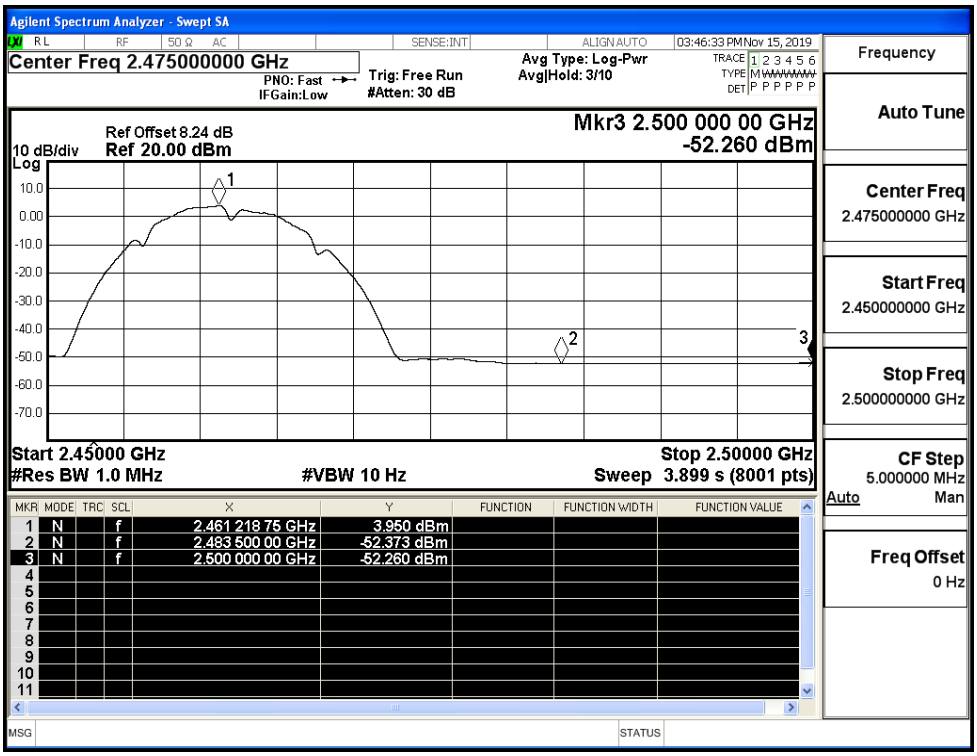

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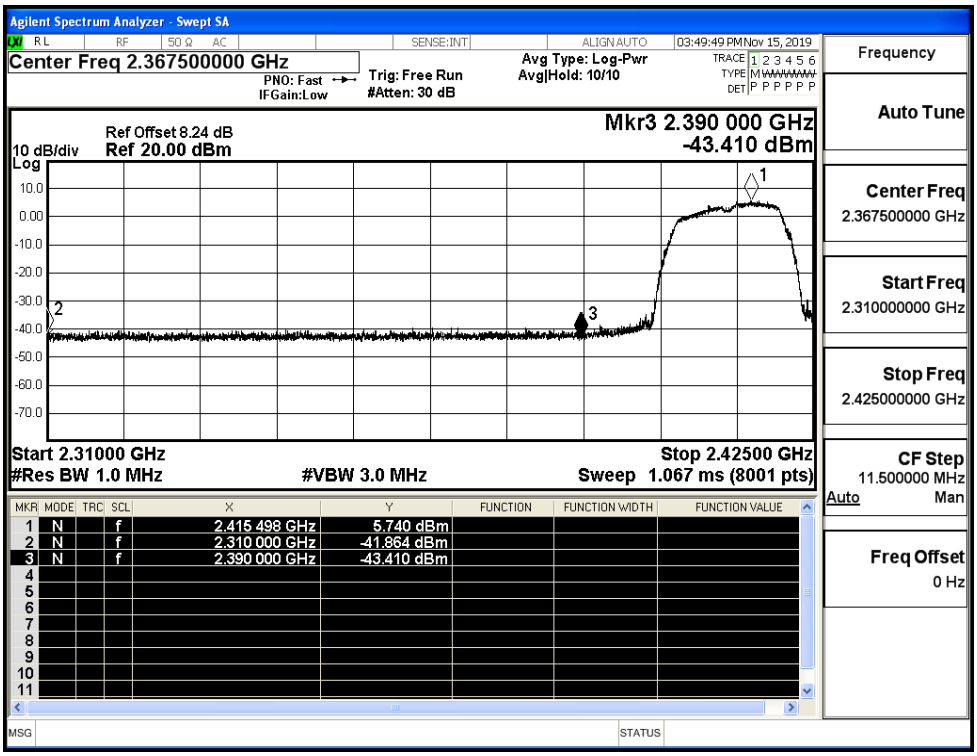

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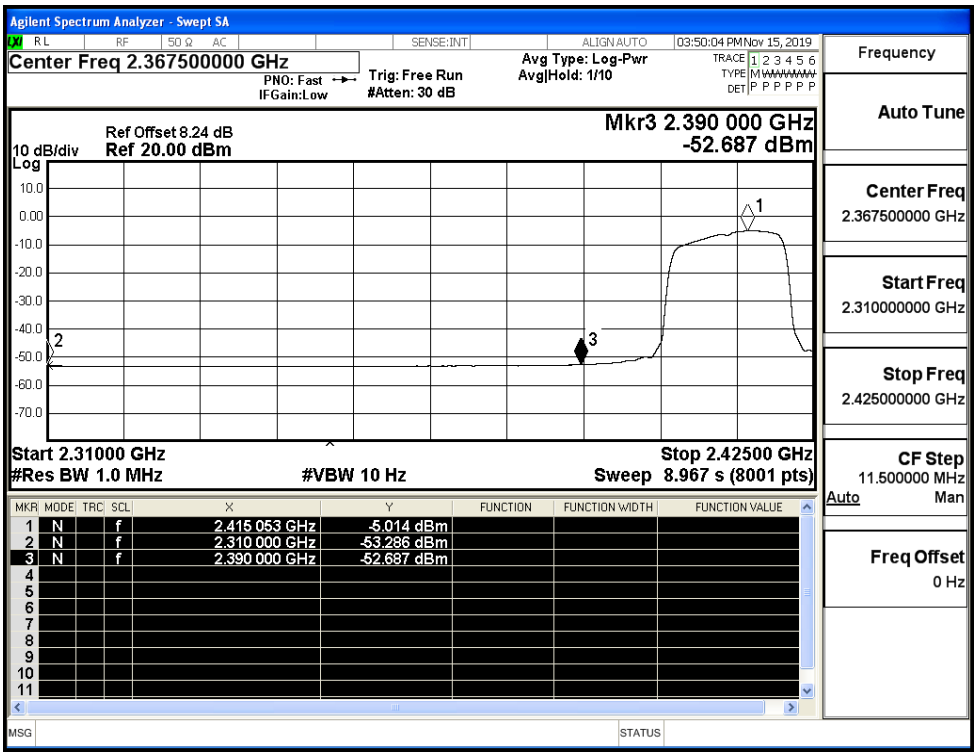

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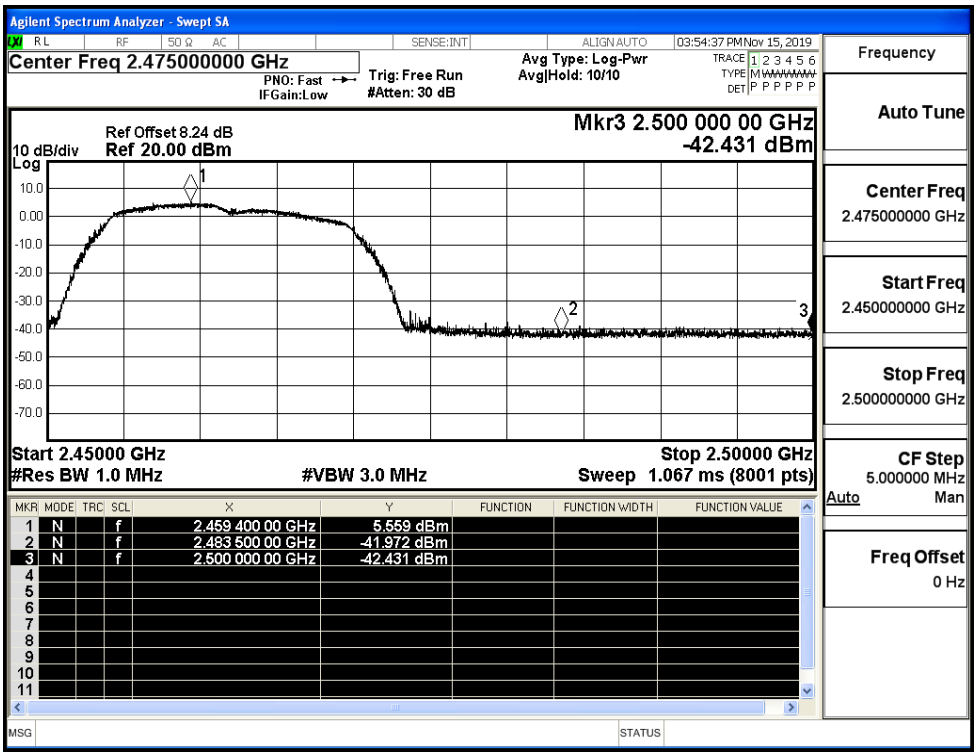

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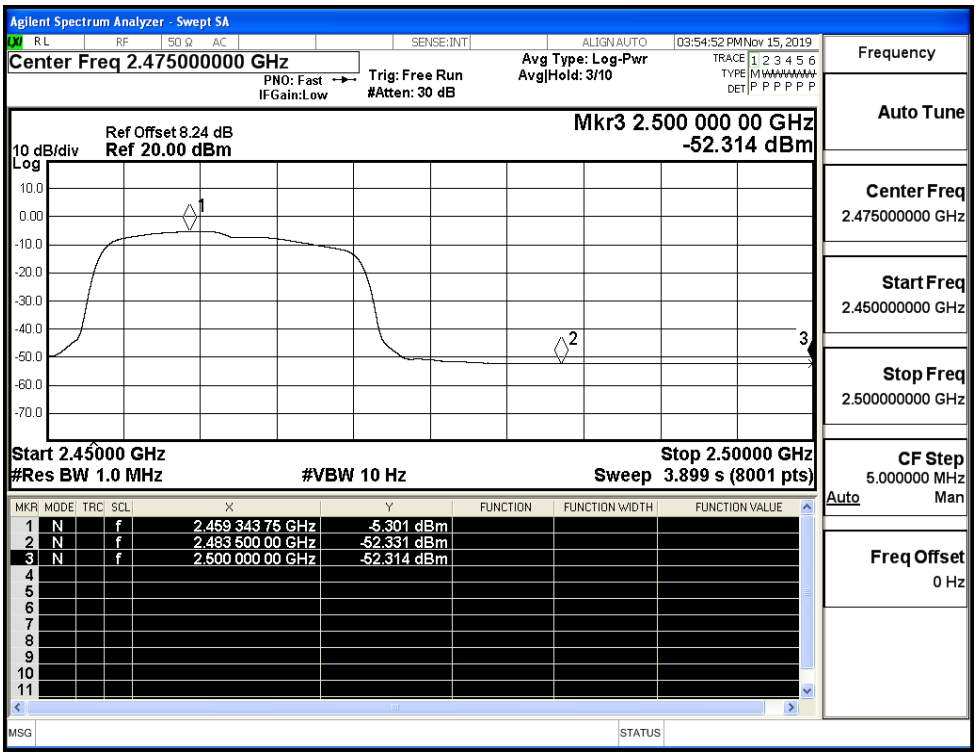

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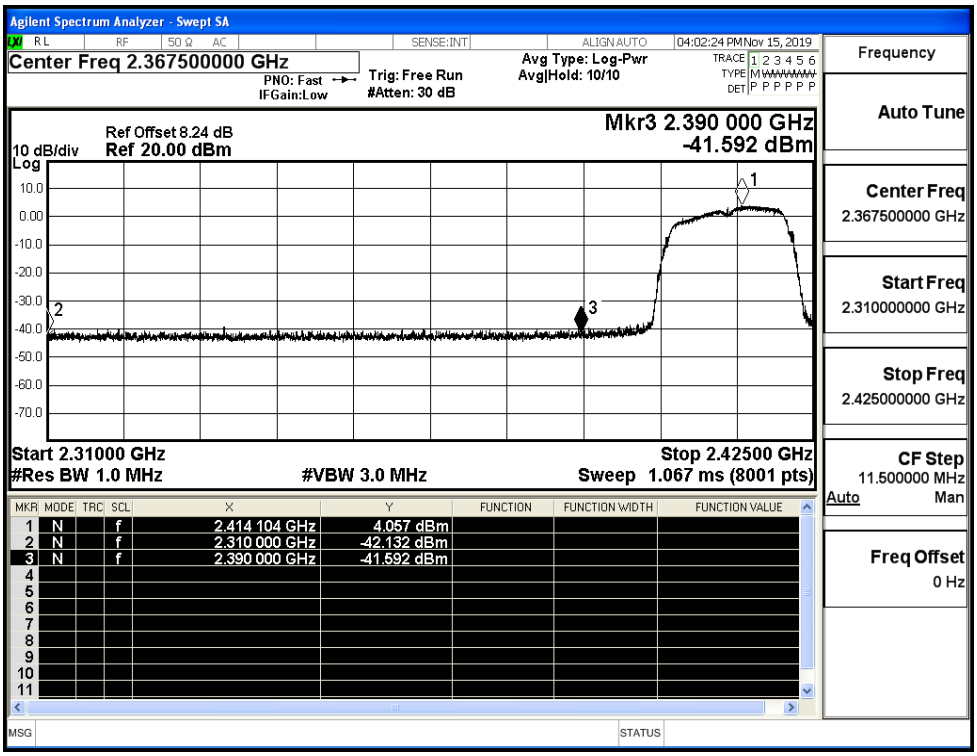

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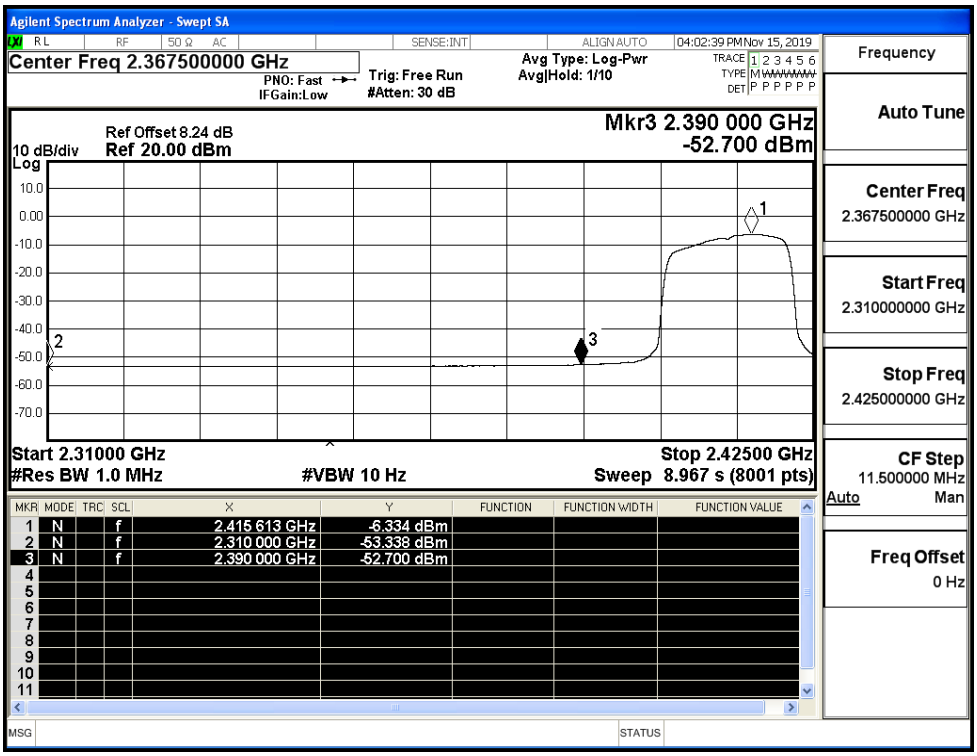

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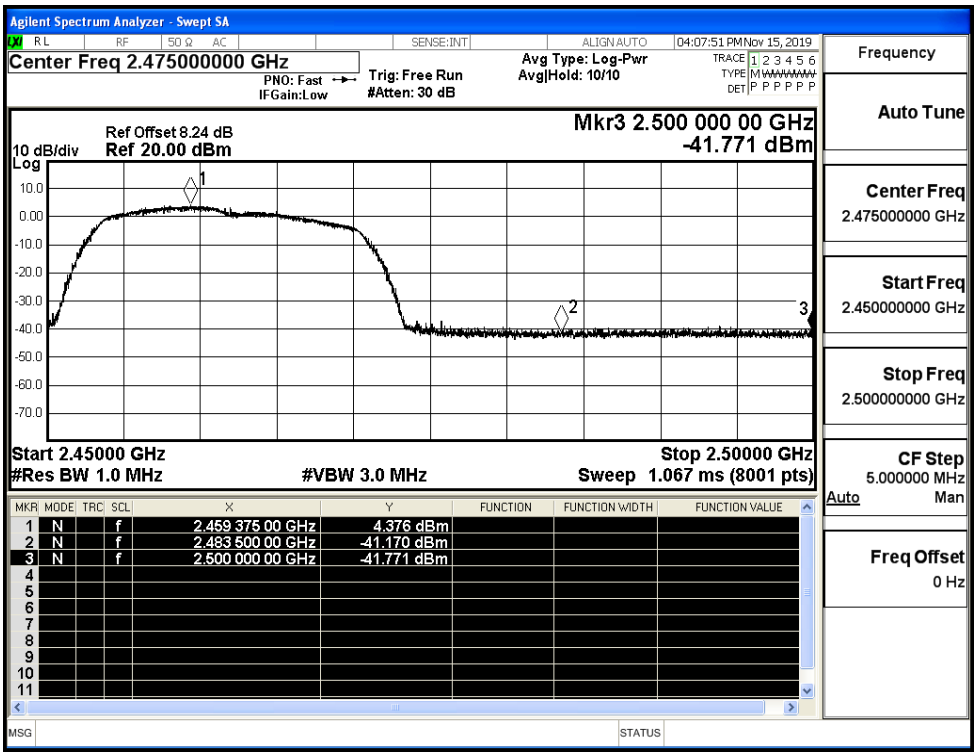

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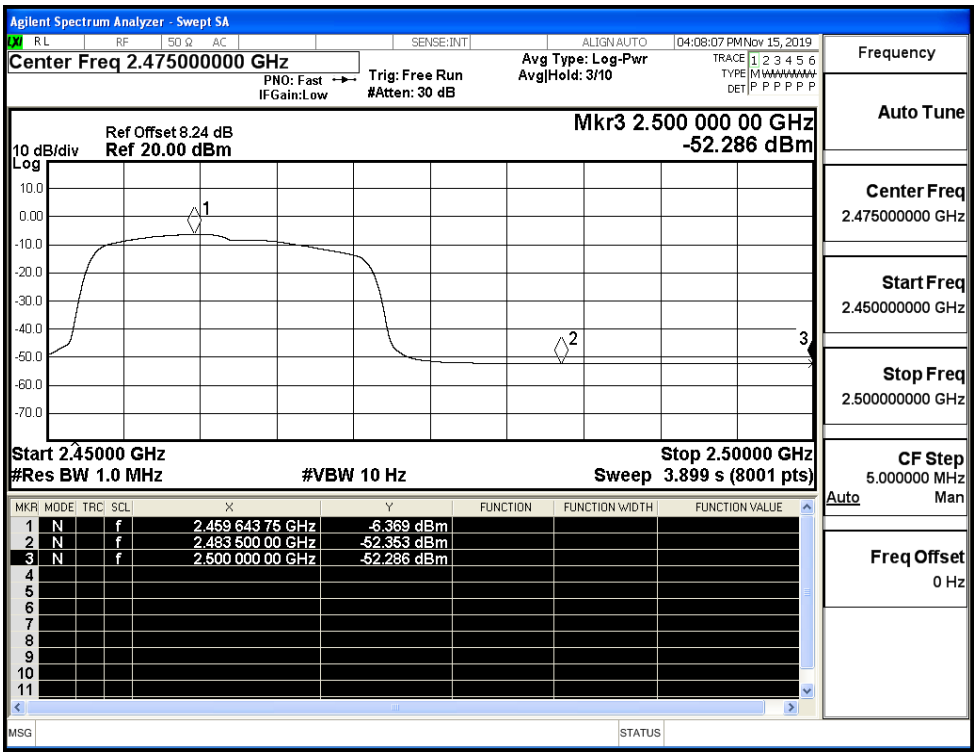

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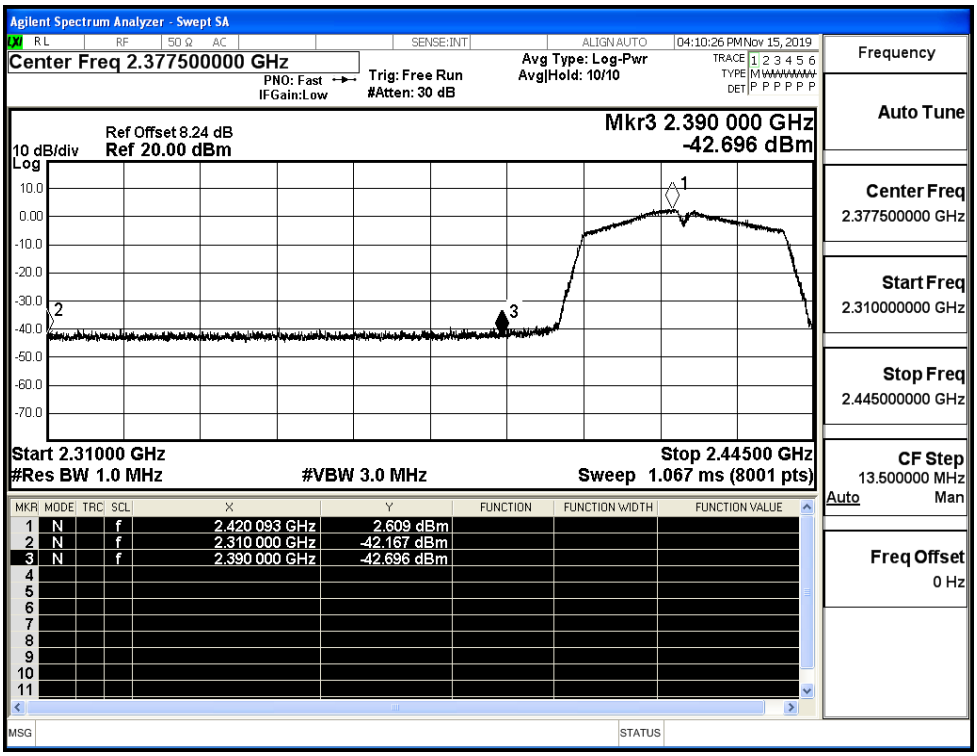

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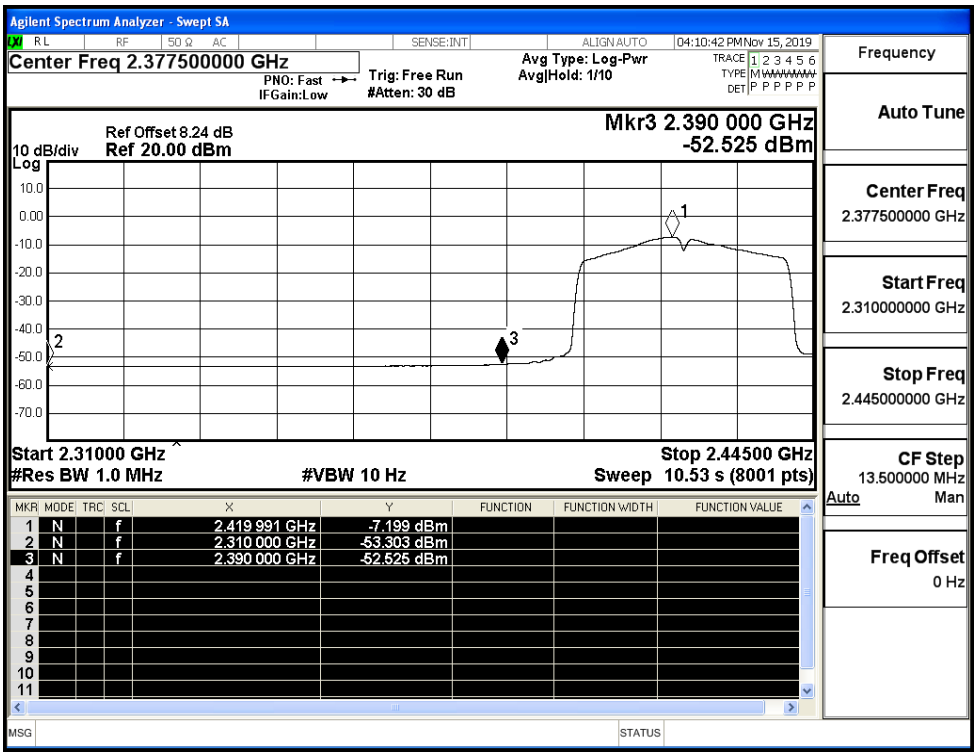

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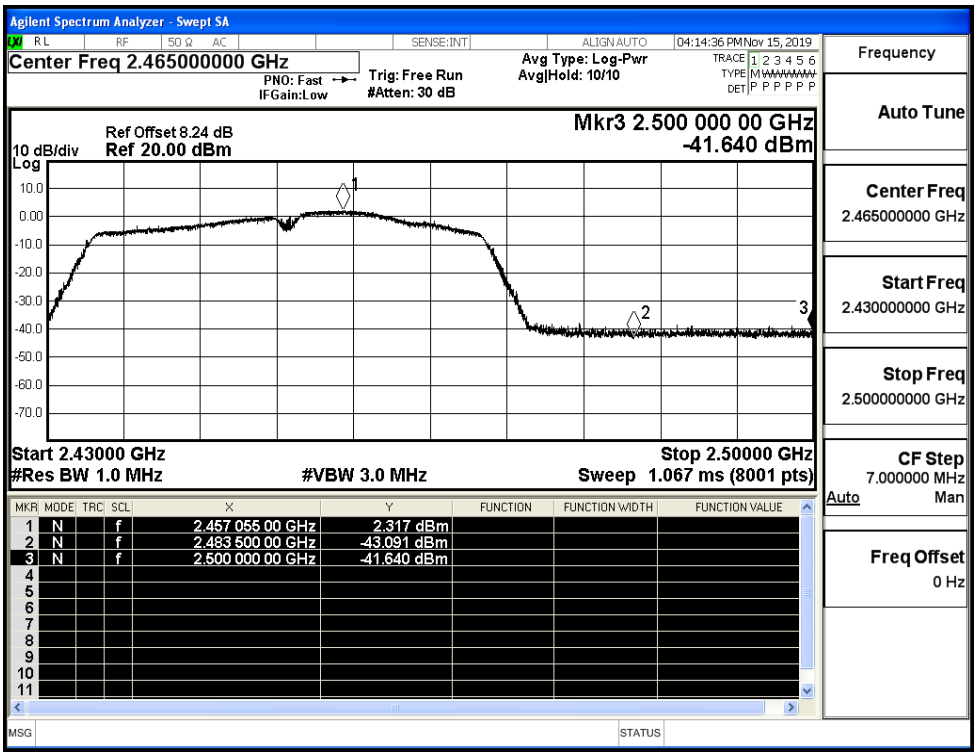

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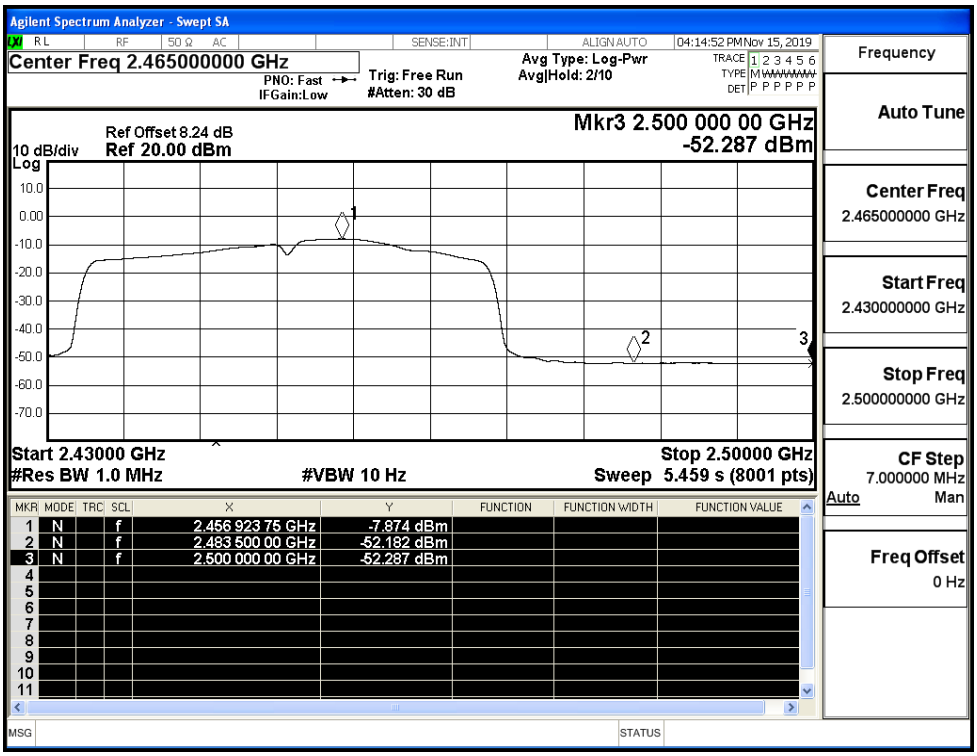

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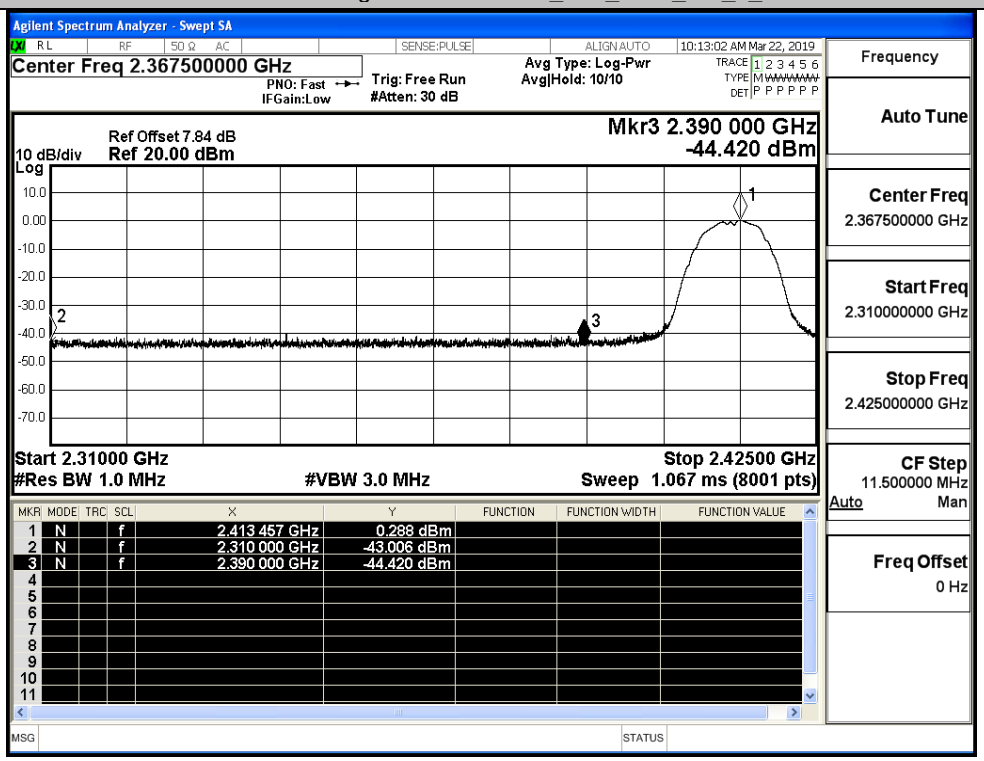

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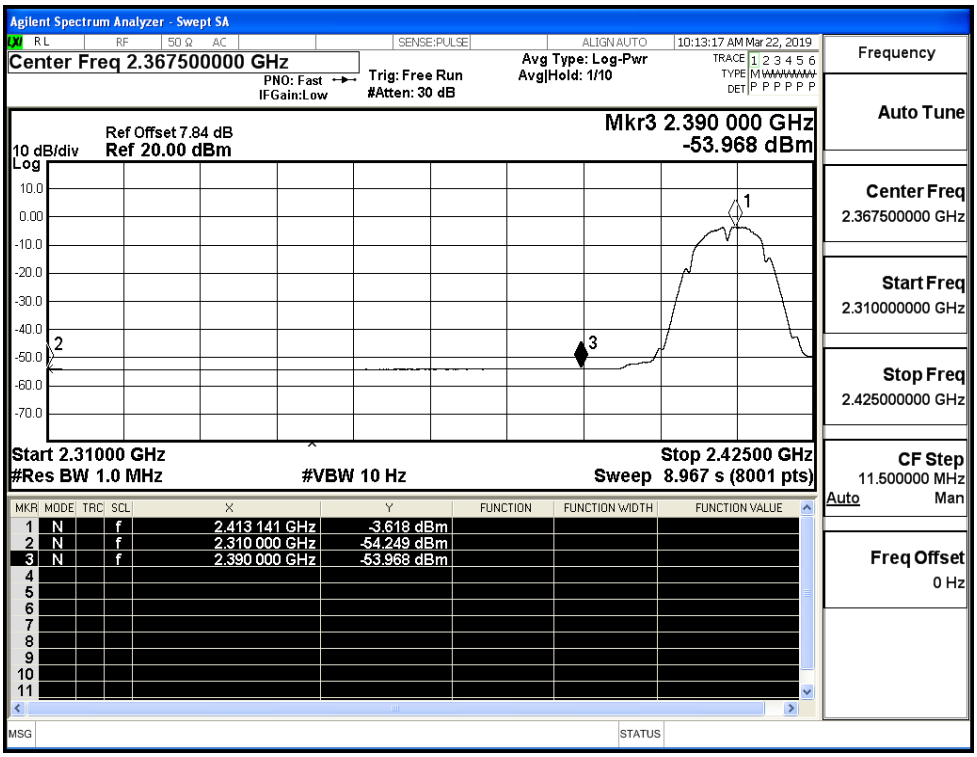

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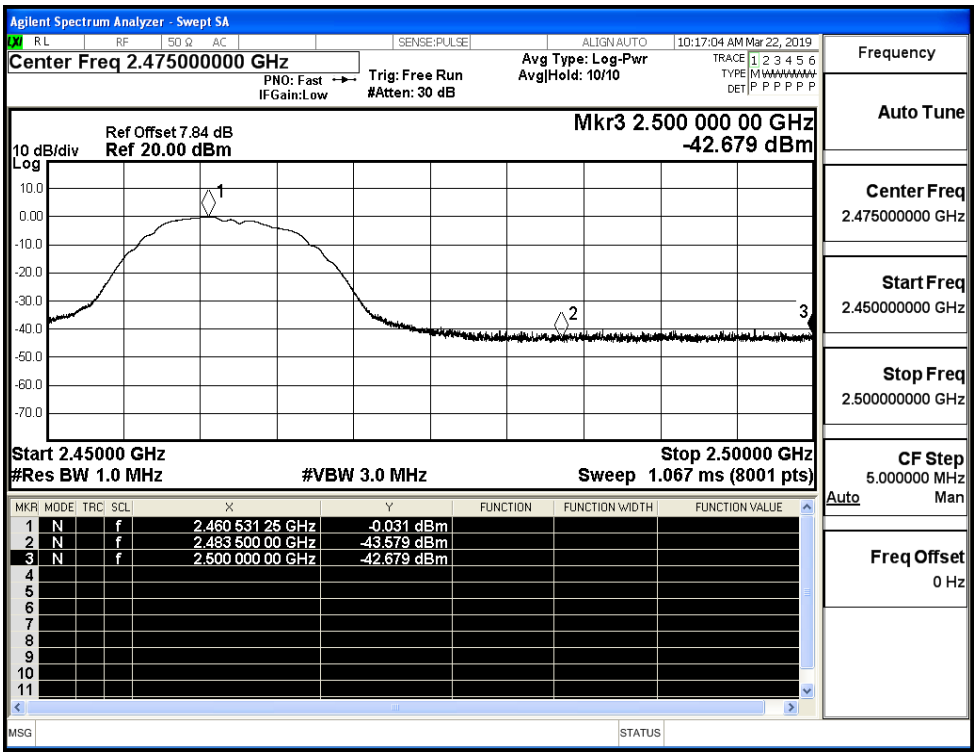

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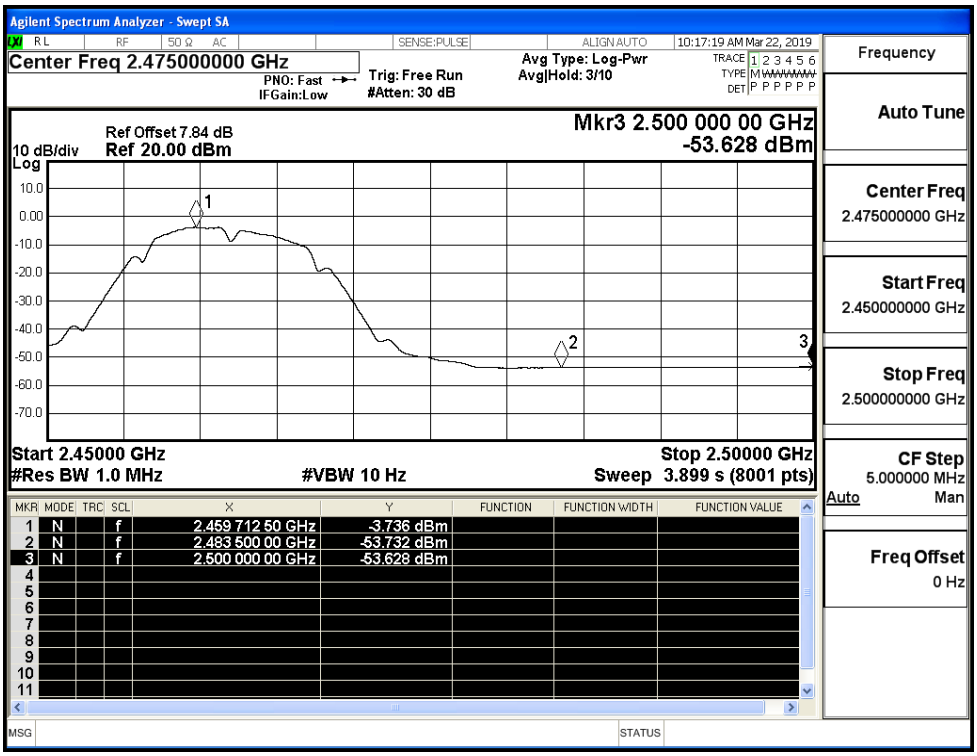

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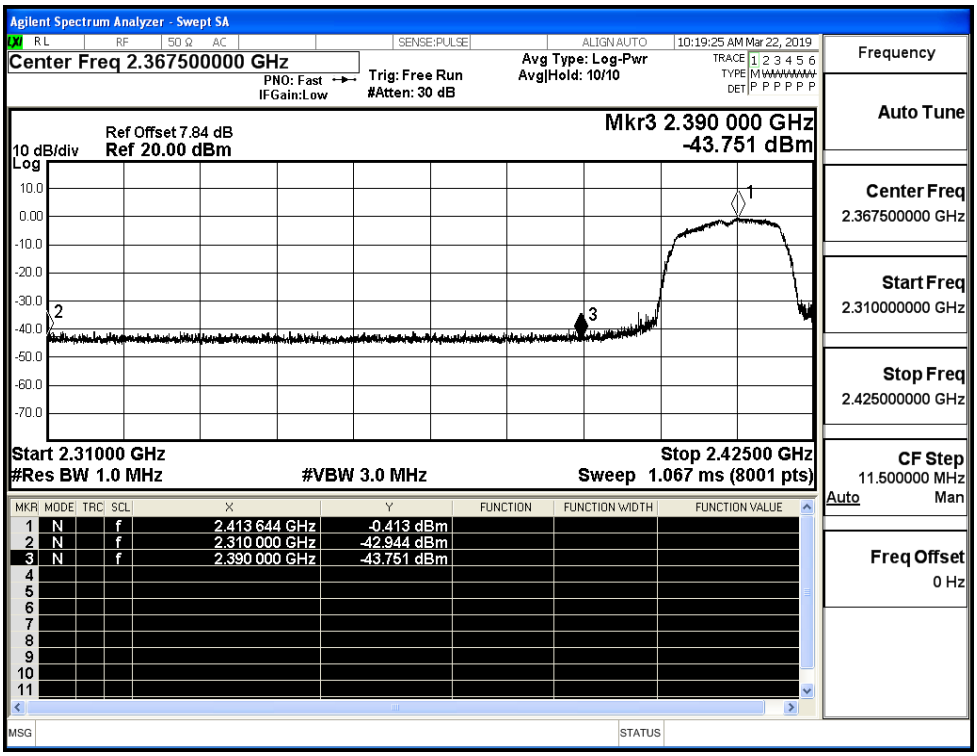

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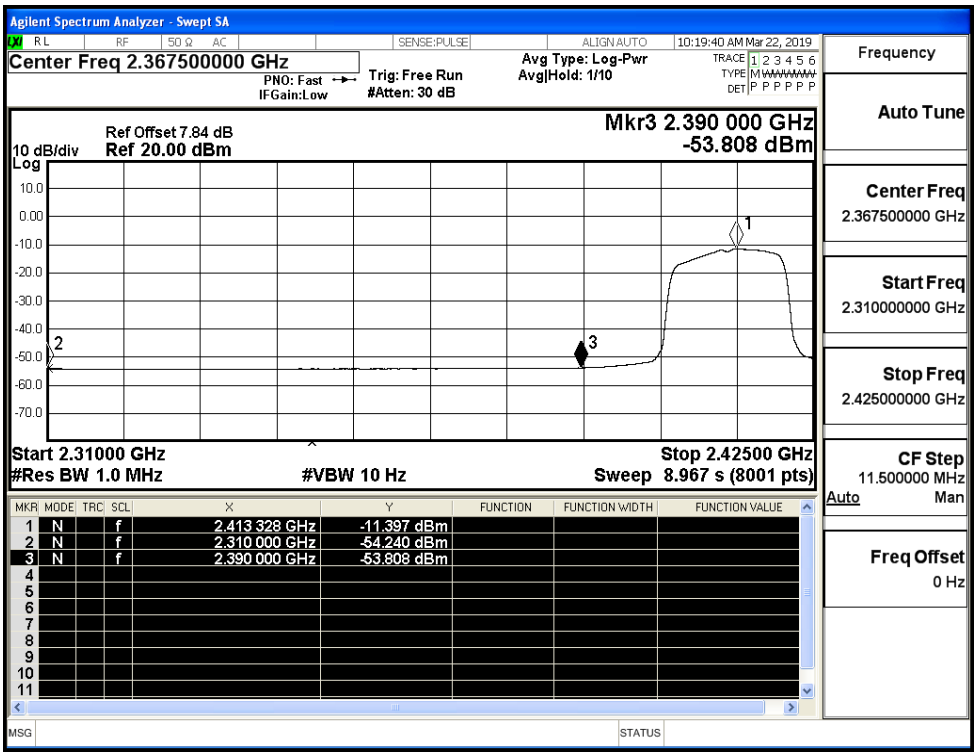

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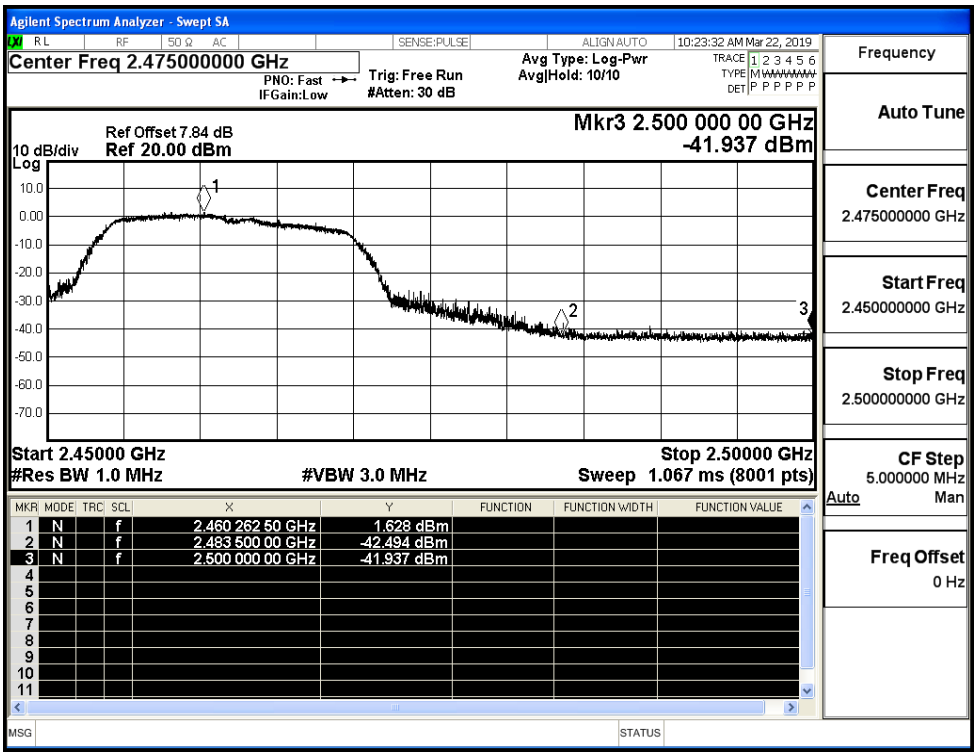

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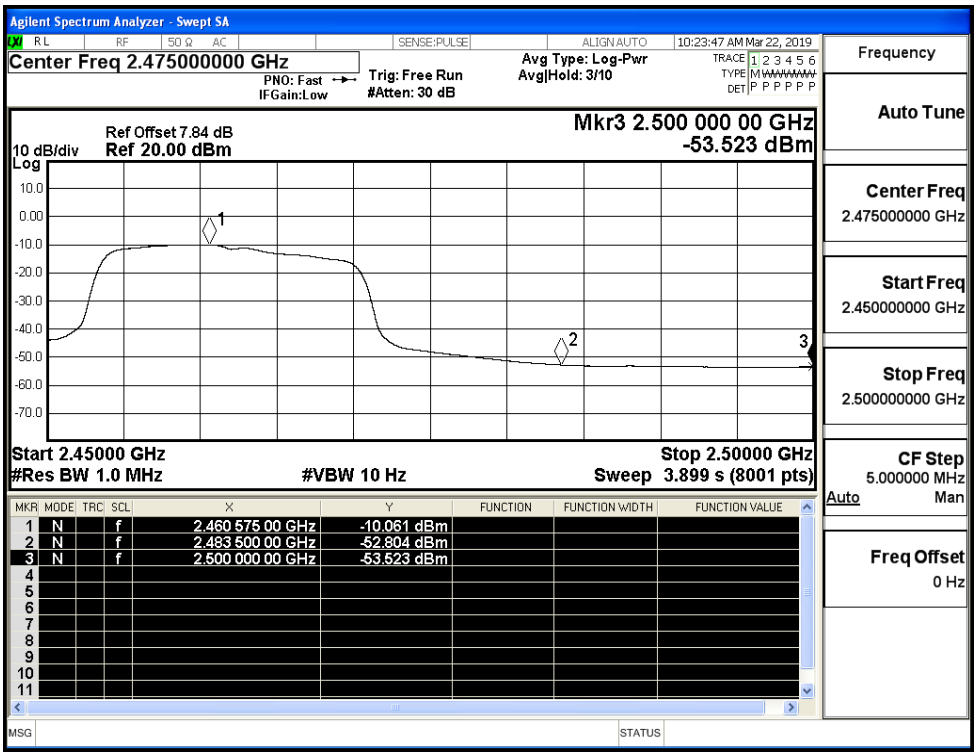

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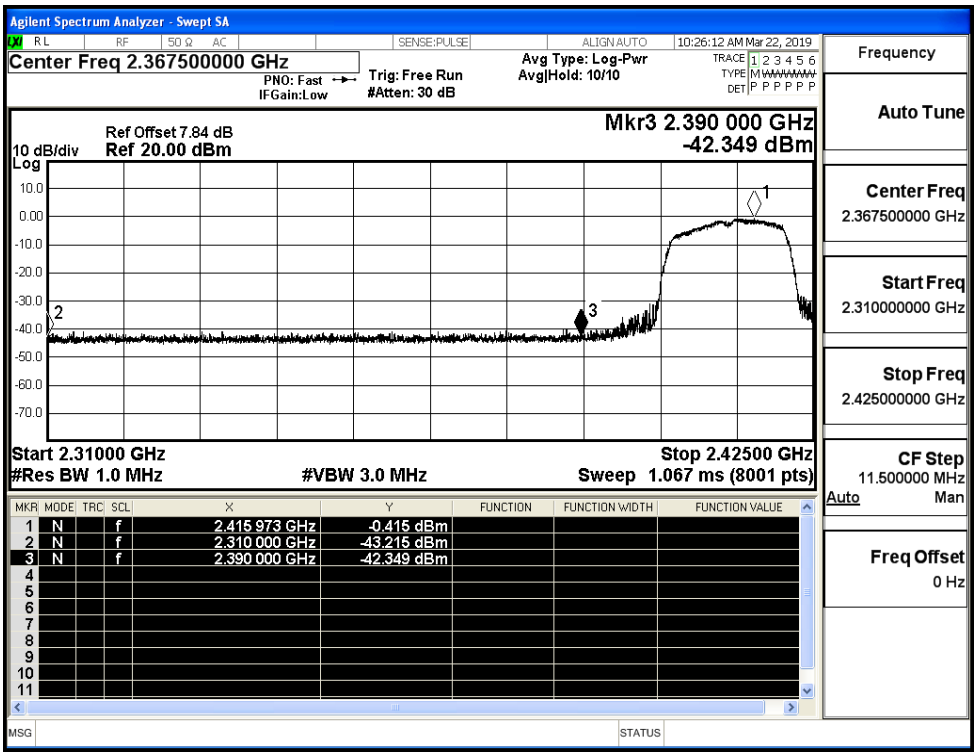

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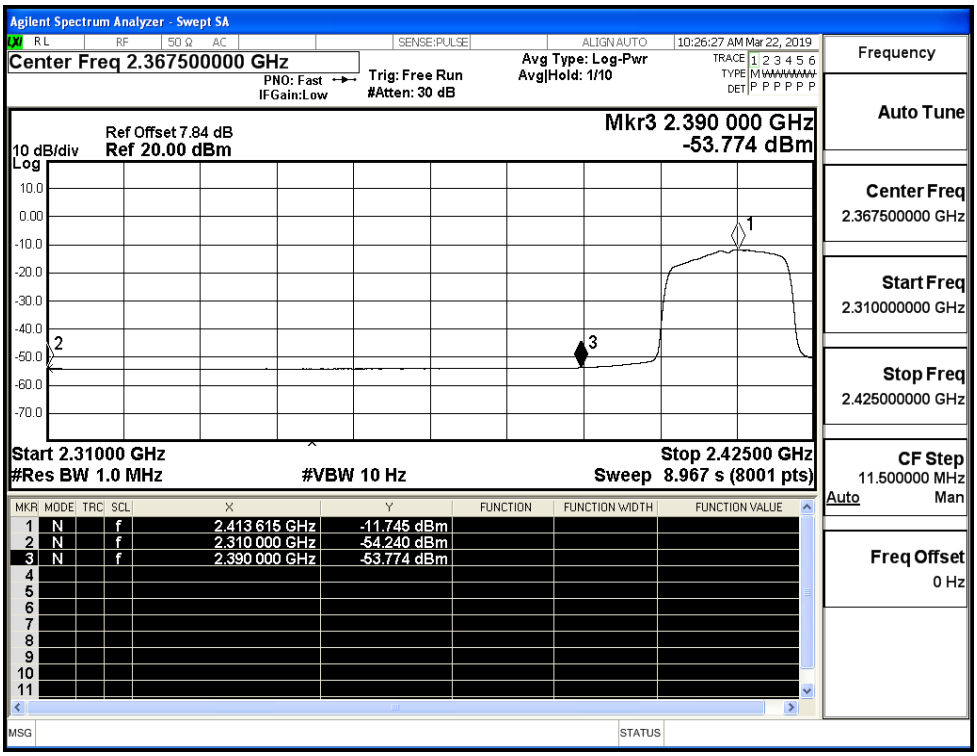

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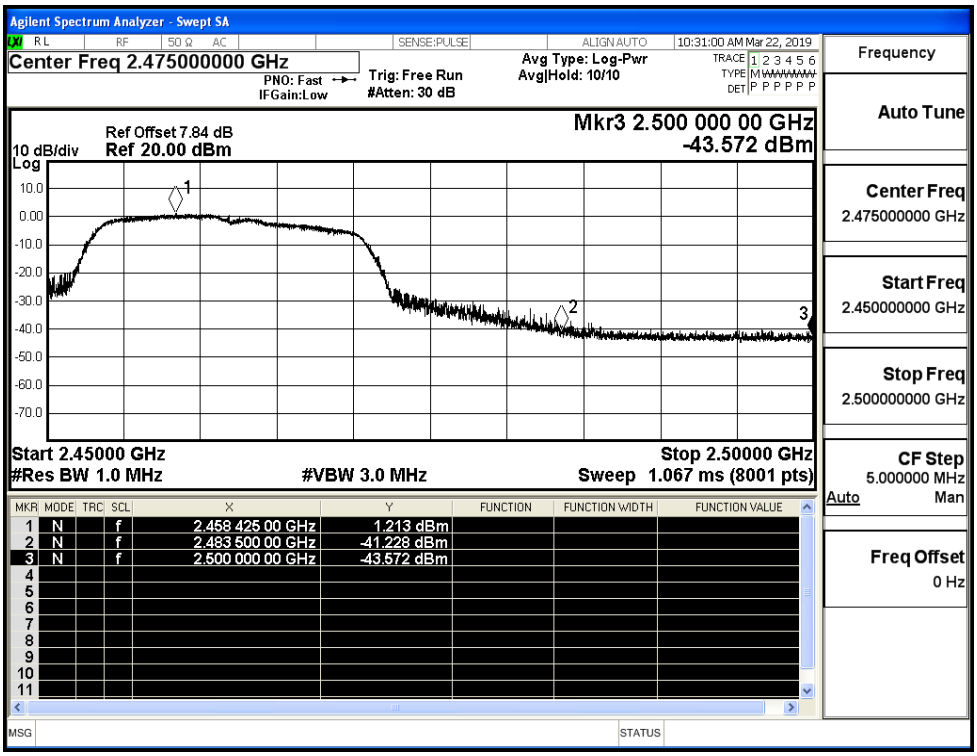

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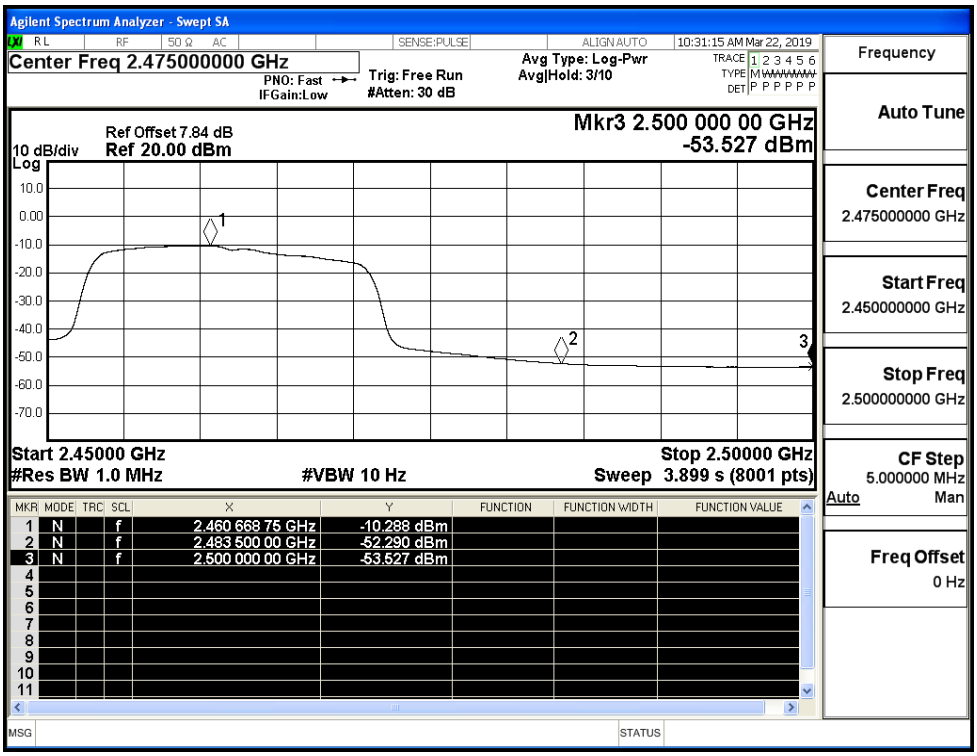

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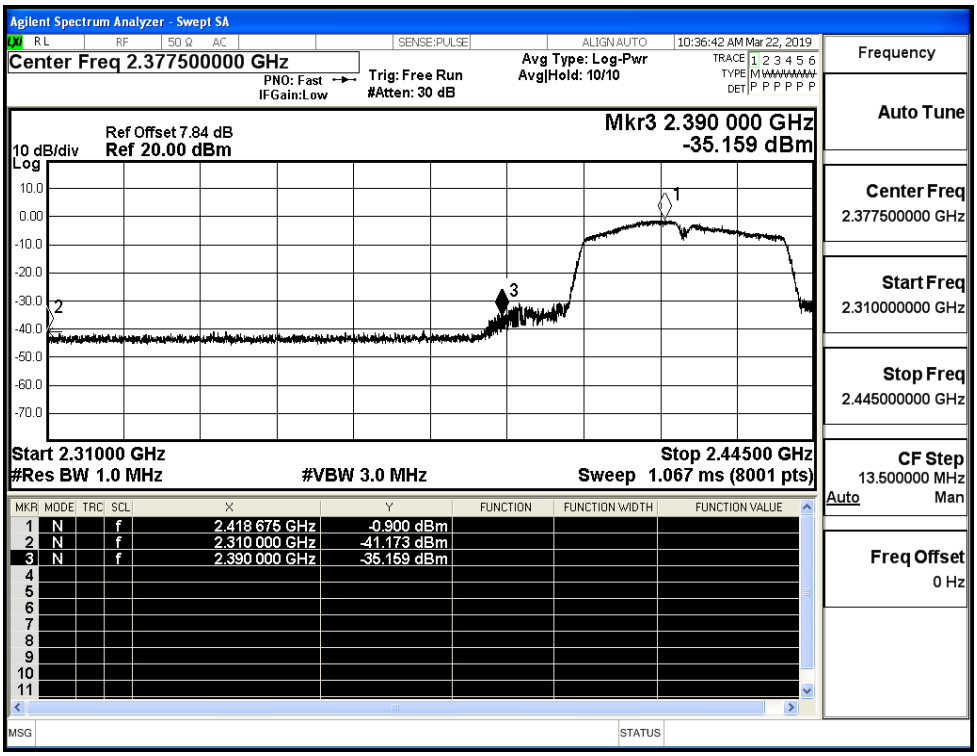

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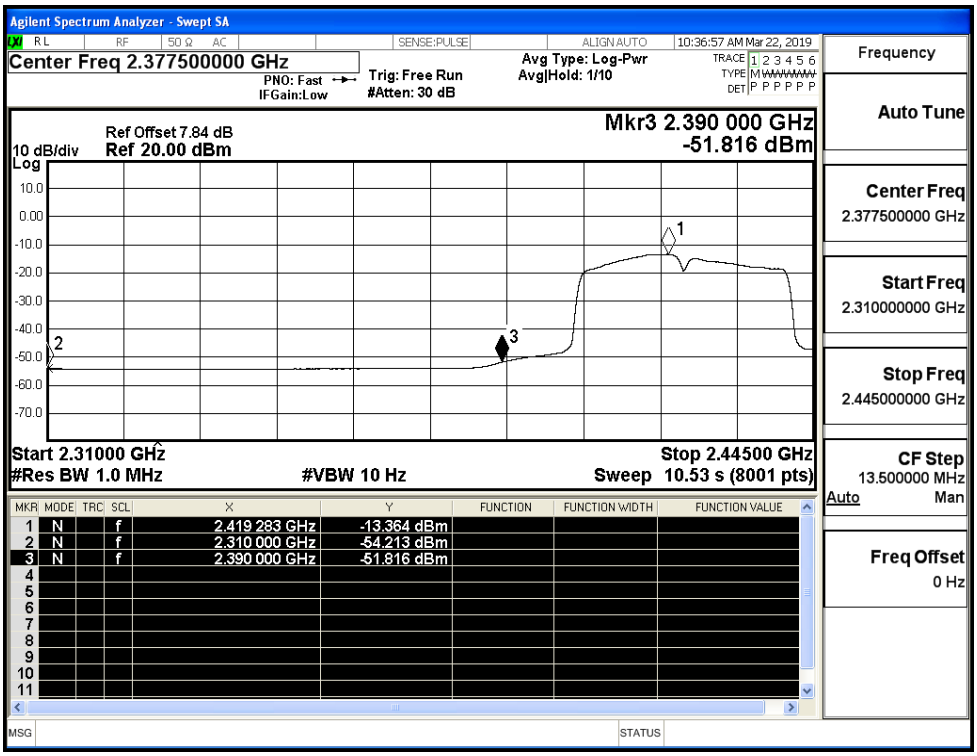

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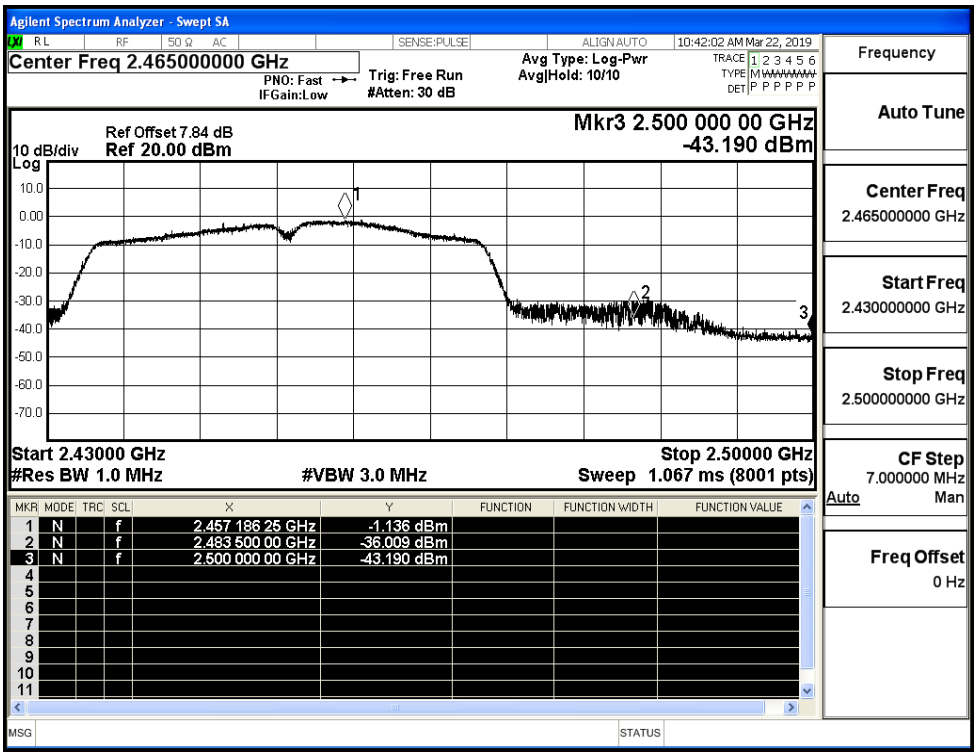
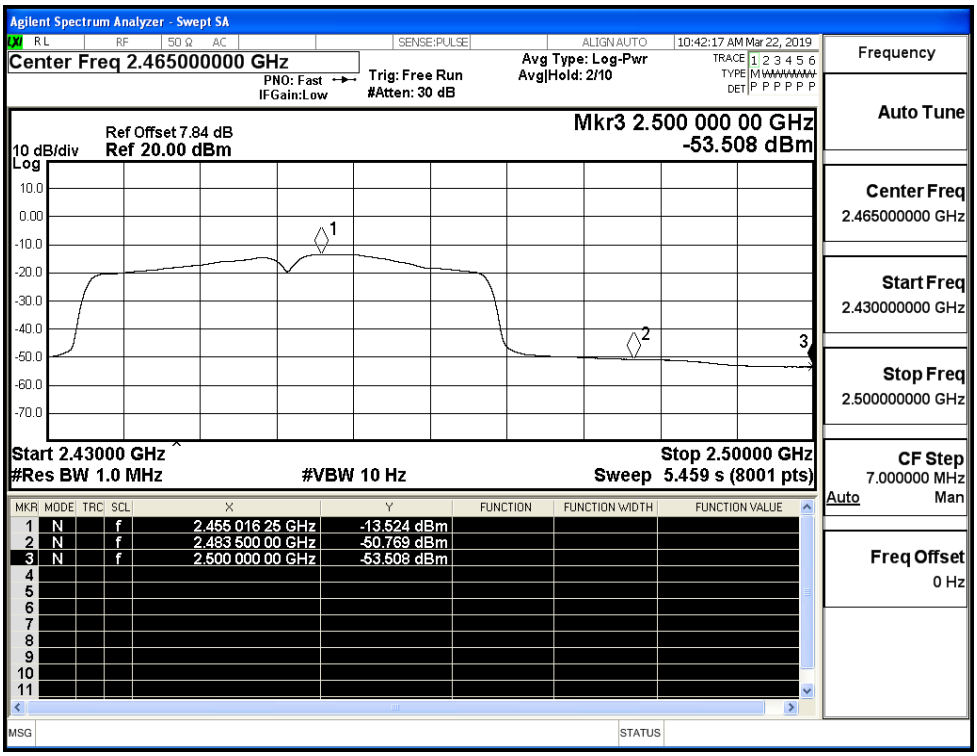
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