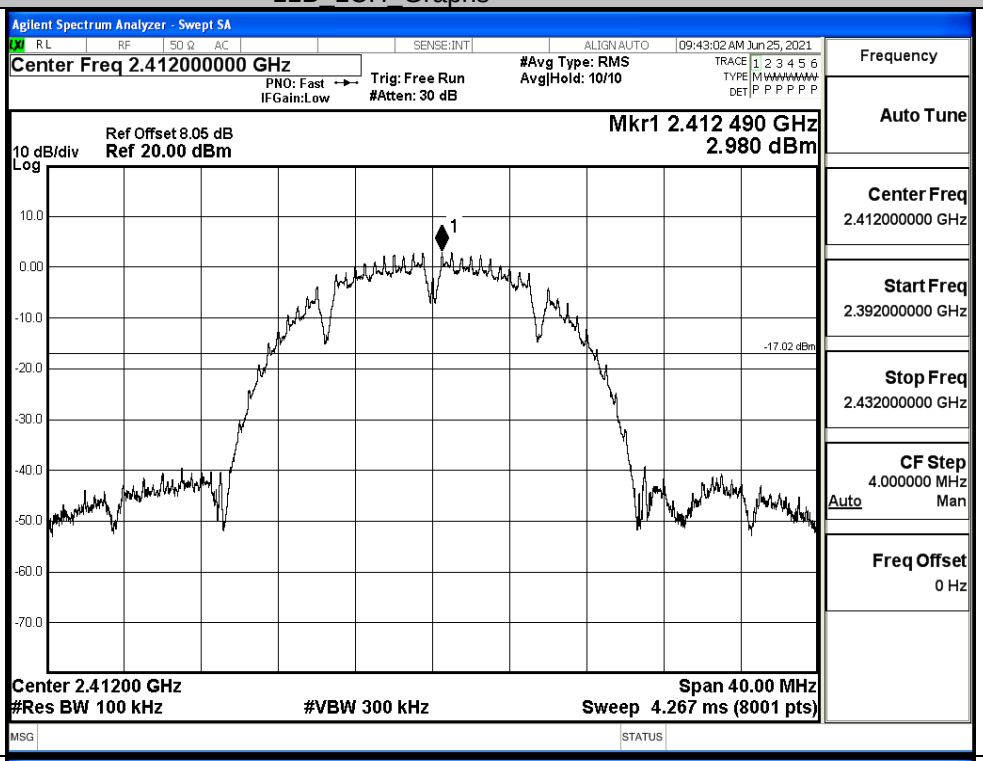
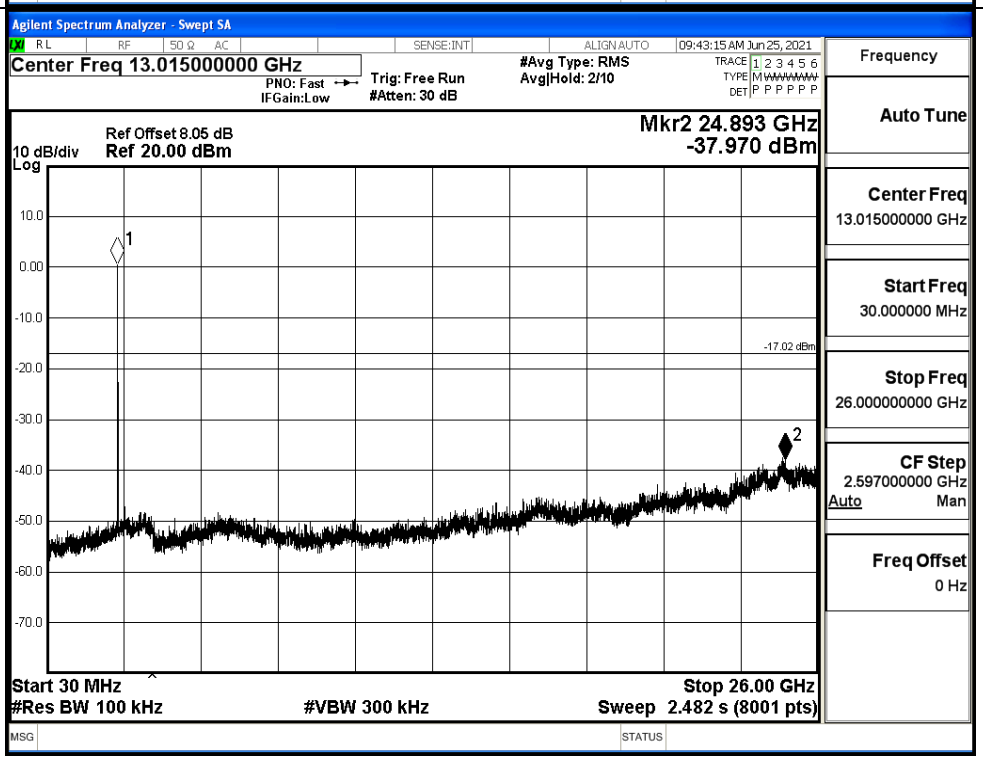
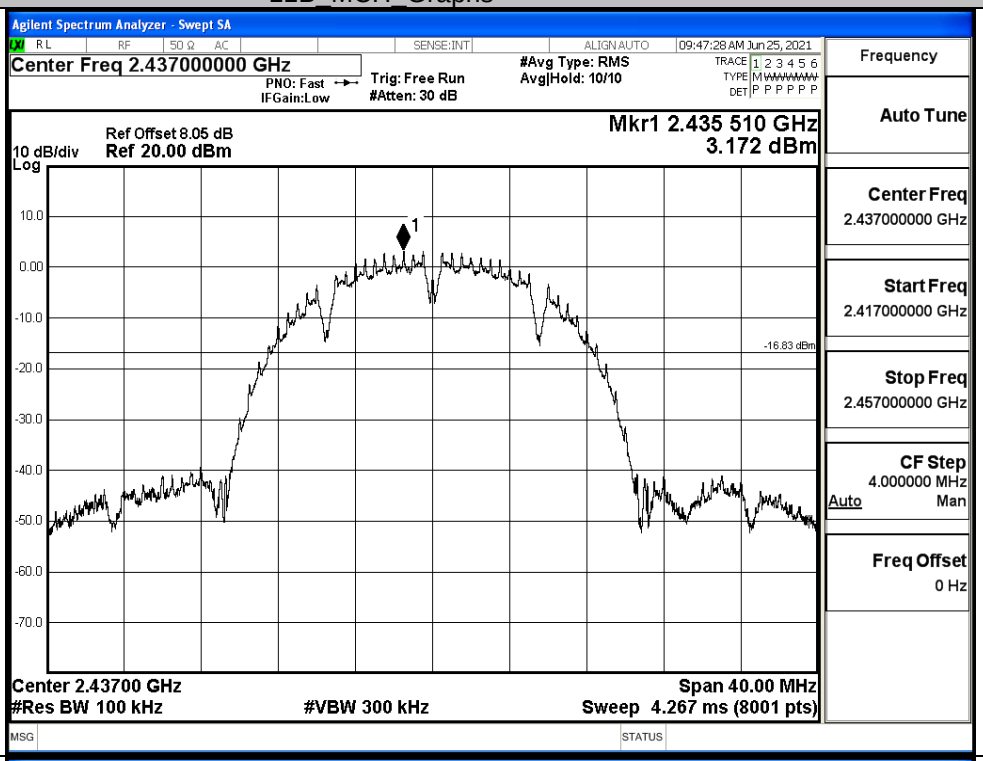
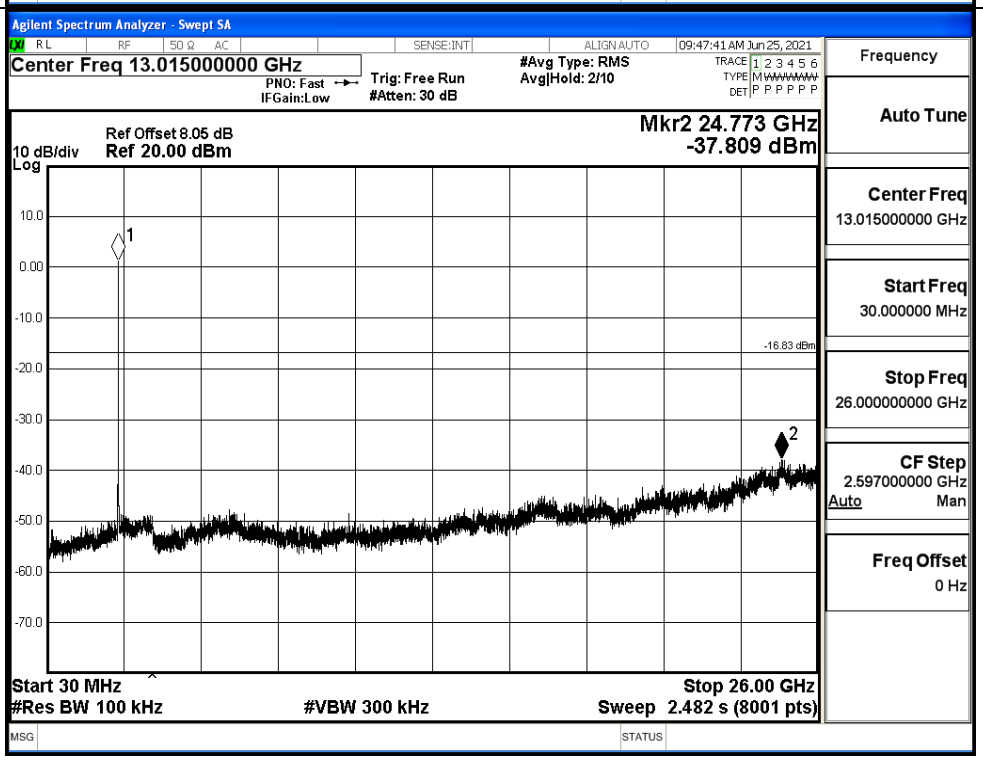
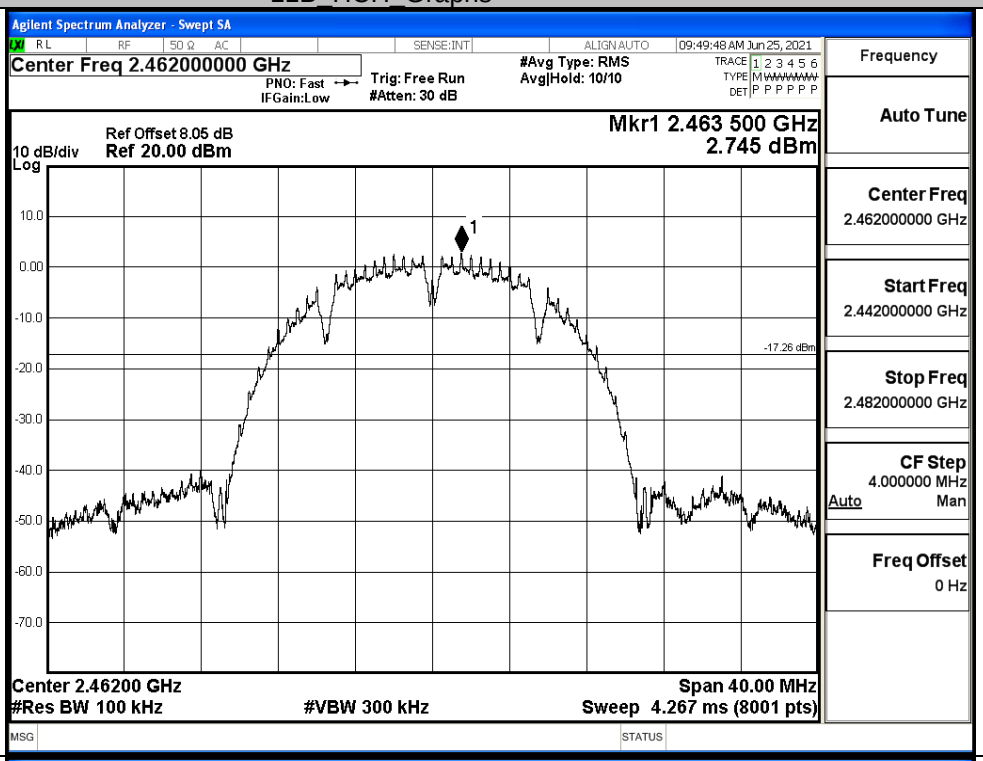
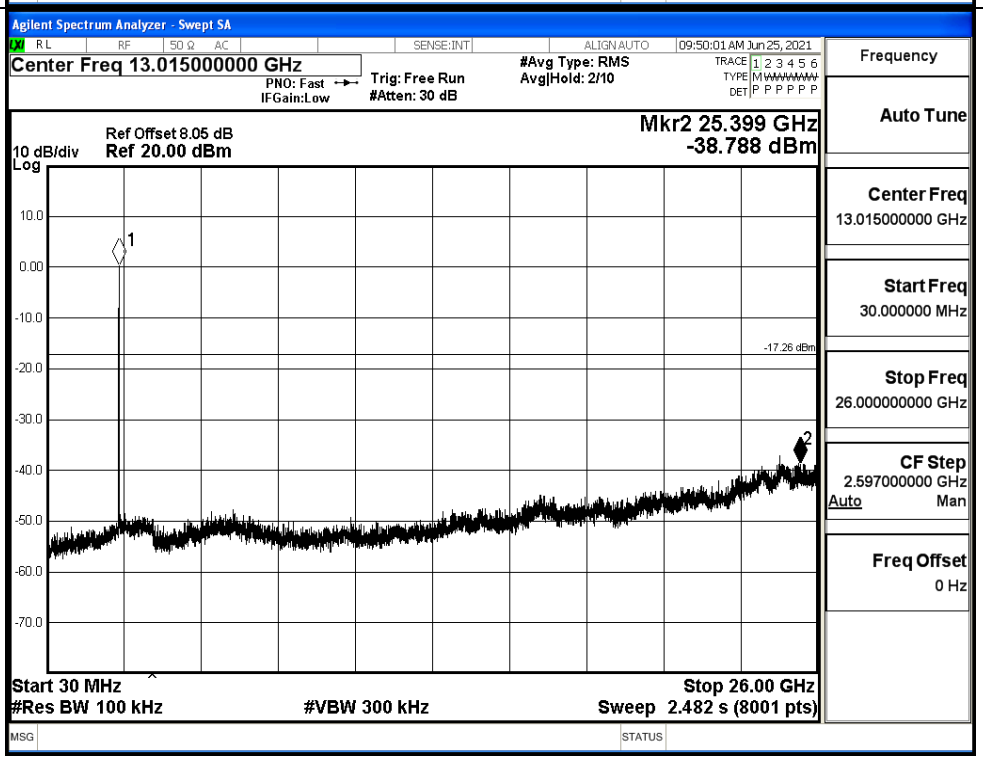
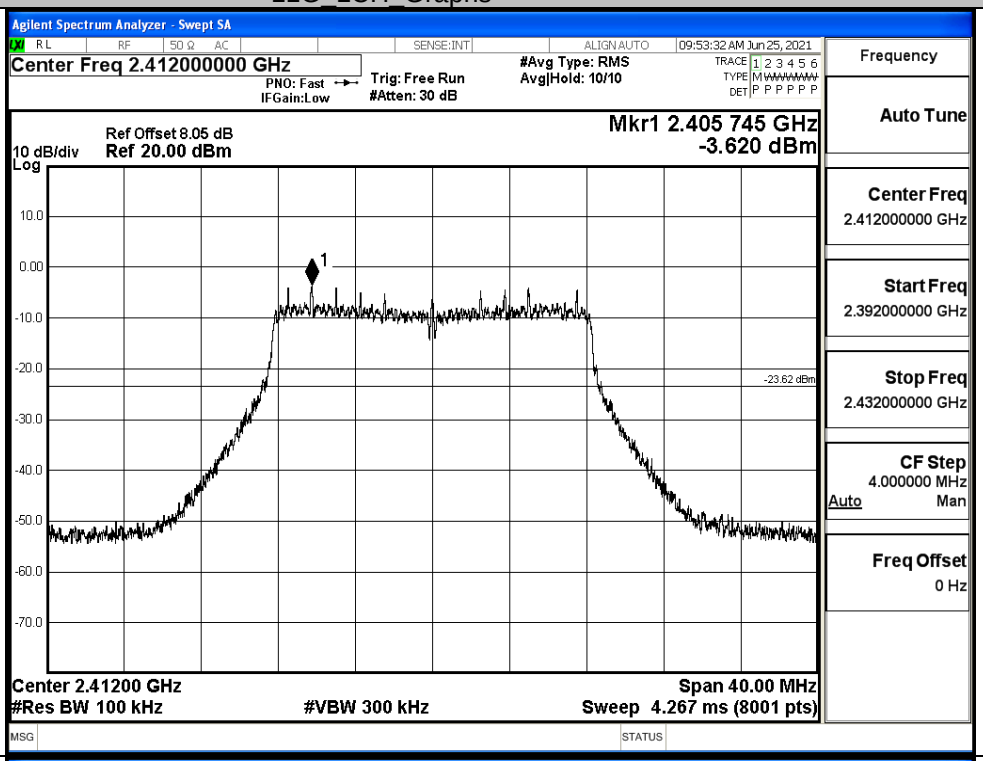
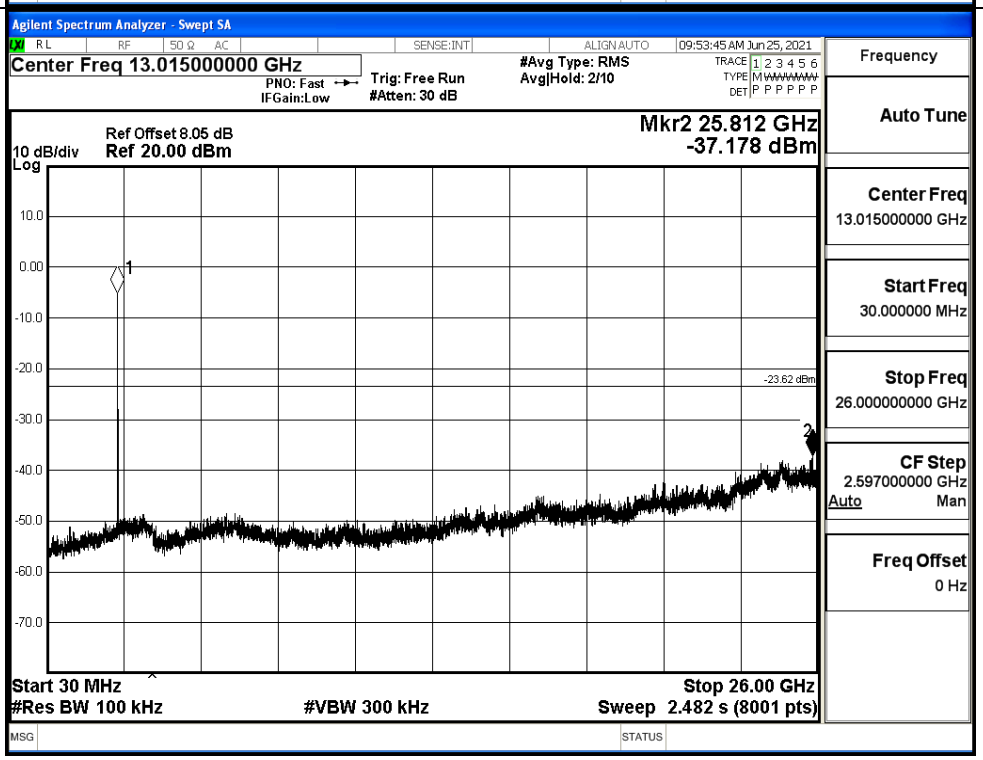
ANT1

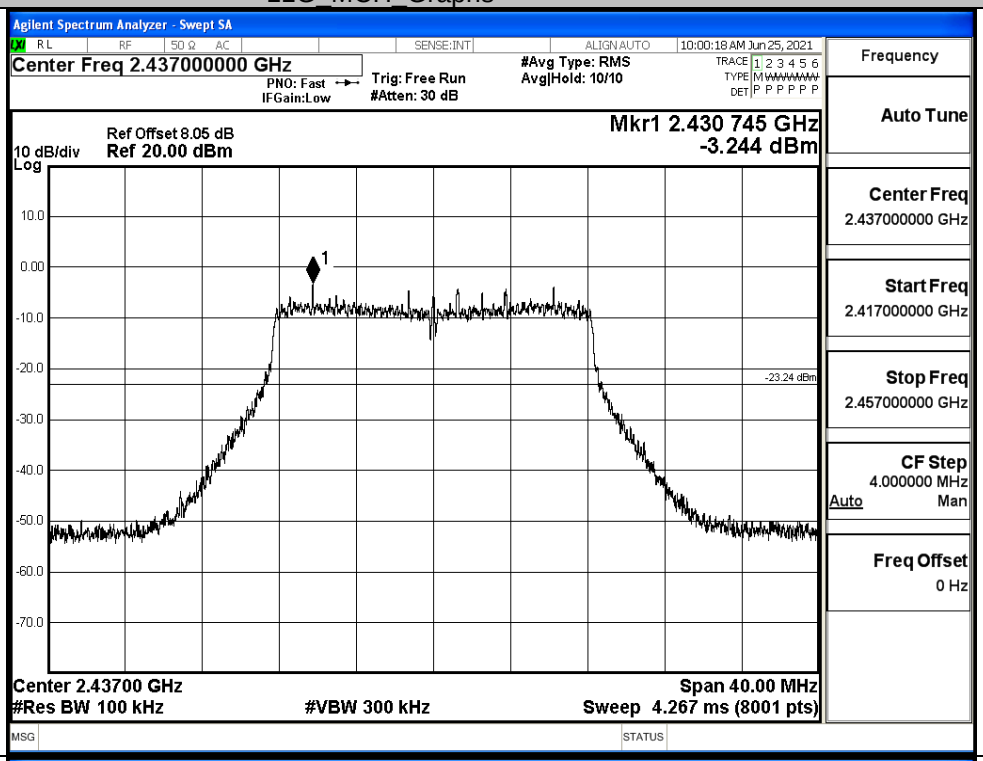
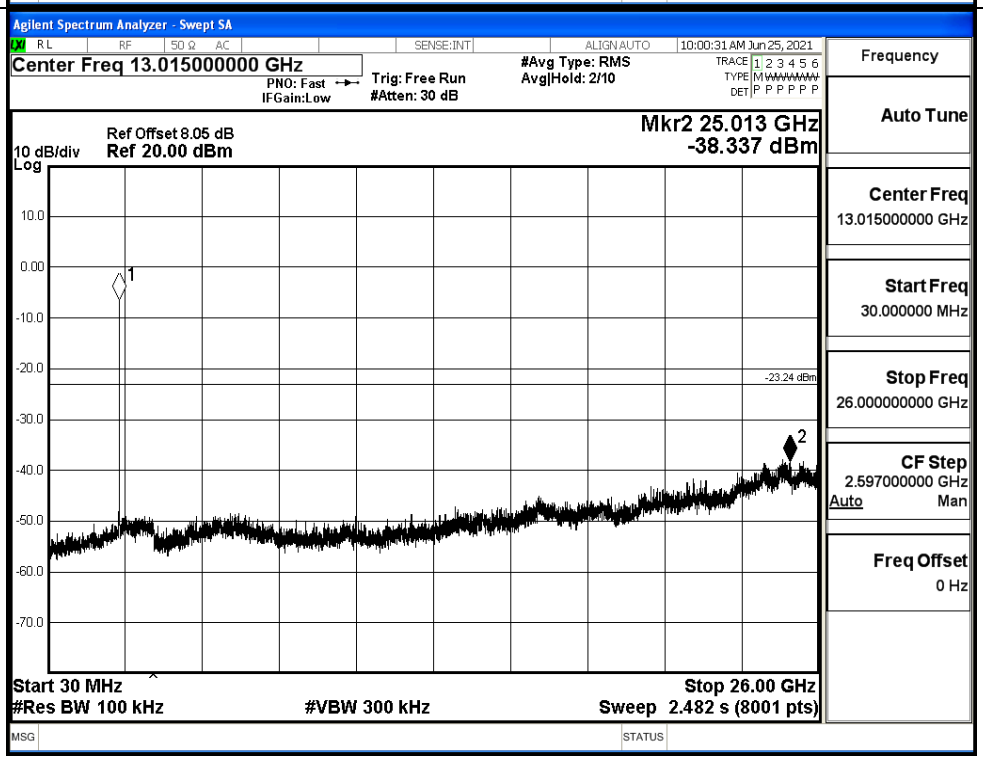
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	2.98	-37.970	-17.020	PASS
	MCH	3.172	-37.809	-16.828	PASS
	HCH	2.745	-38.788	-17.255	PASS
11G	LCH	-3.62	-37.178	-23.620	PASS
	MCH	-3.244	-38.337	-23.244	PASS
	HCH	-3.969	-38.694	-23.969	PASS
11N20 SISO	LCH	-3.549	-38.263	-23.549	PASS
	MCH	-3.304	-38.196	-23.304	PASS
	HCH	-4.014	-37.456	-24.014	PASS
11N40 SISO	LCH	-6.382	-38.659	-26.382	PASS
	MCH	-6.667	-37.744	-26.667	PASS
	HCH	-6.503	-38.492	-26.503	PASS

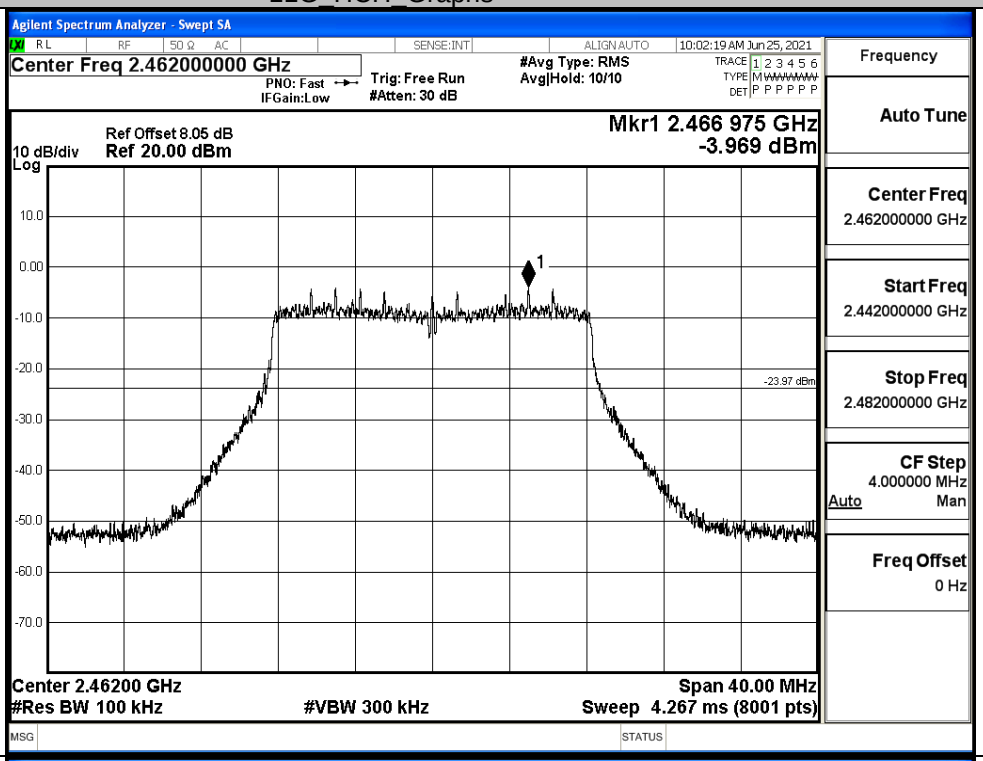
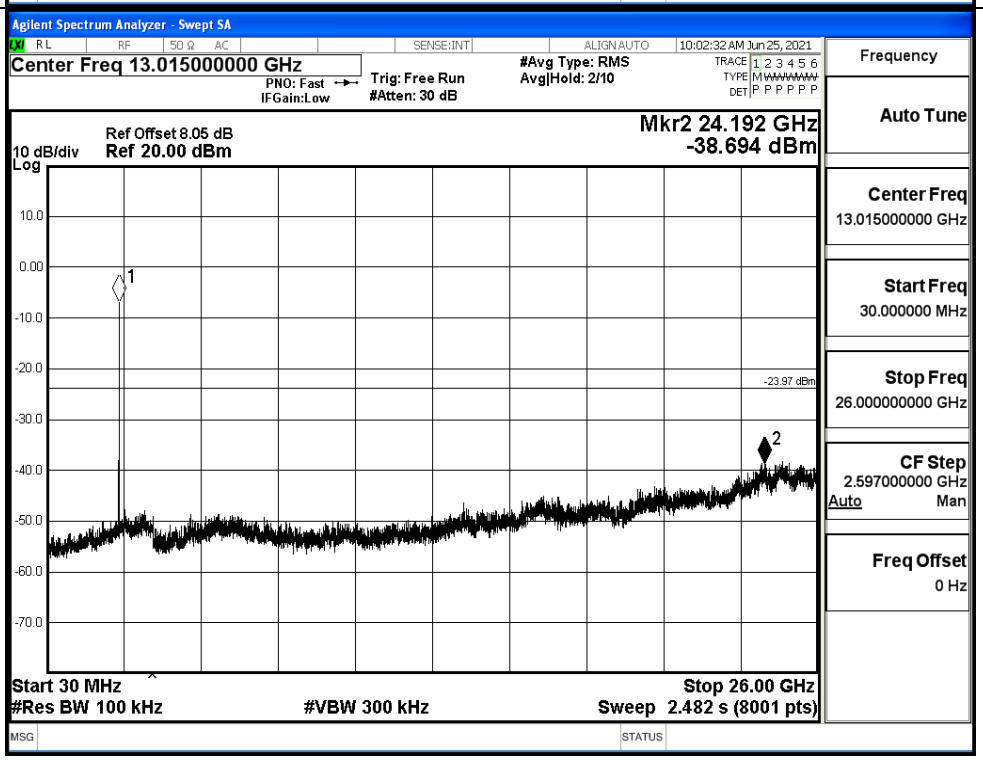
11B_LCH_Graphs		
Pref/11B/LCH		
Puw/11B/LCH		

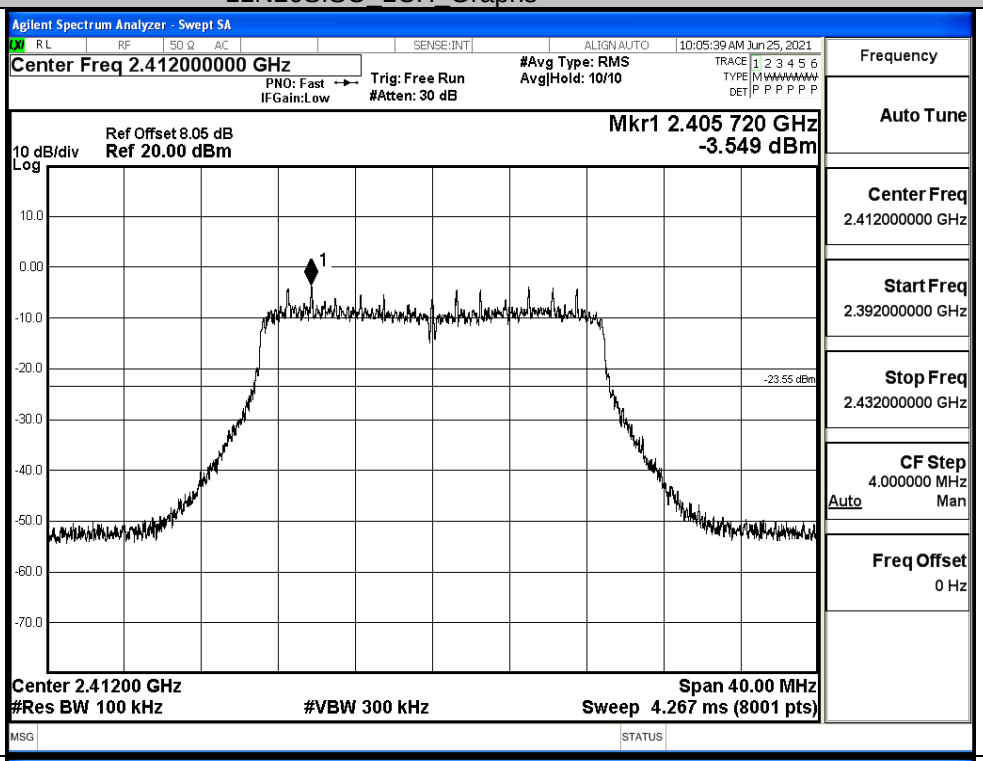
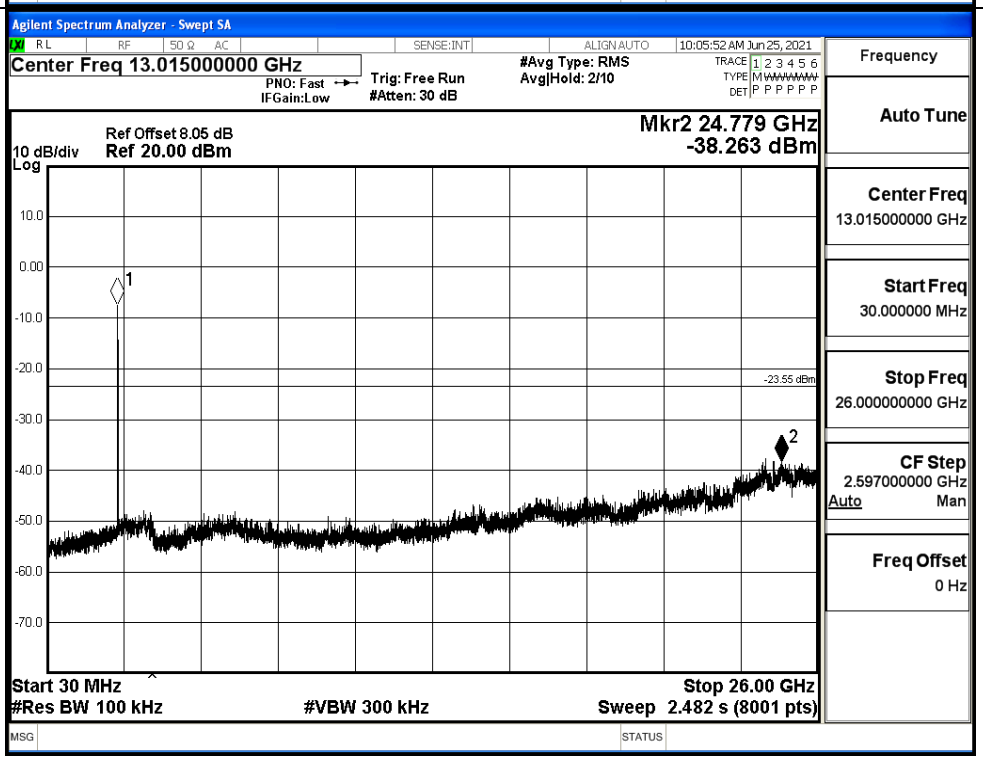
11B_MCH_Graphs		
Pref/11B/MCH		
Puw/11B/MCH		

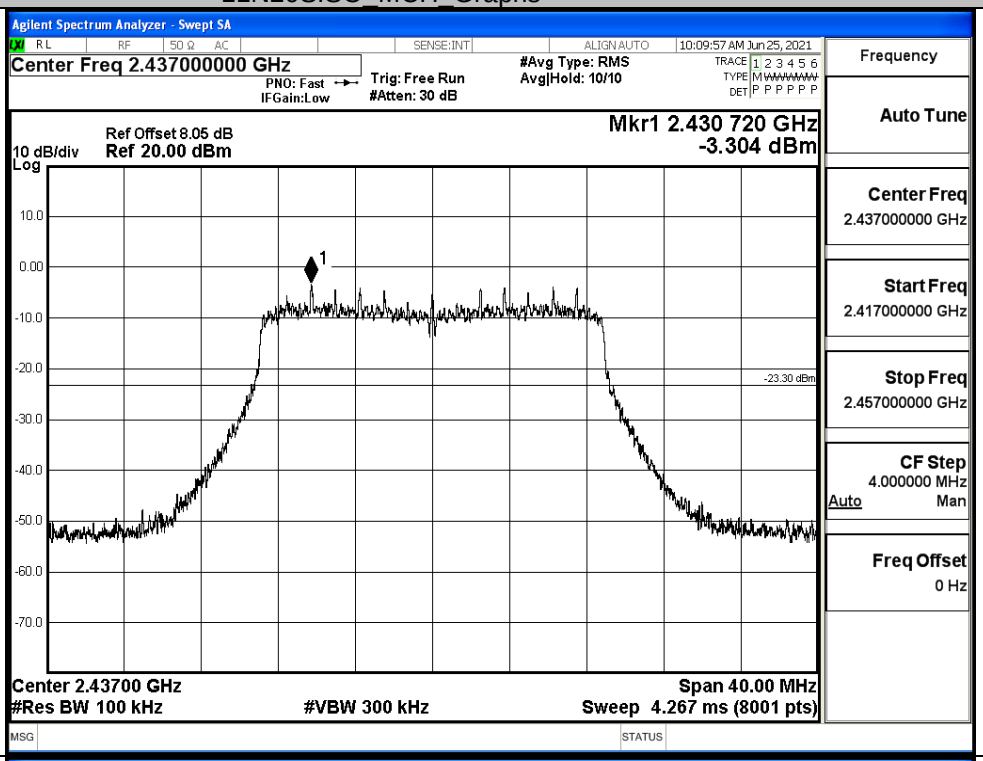
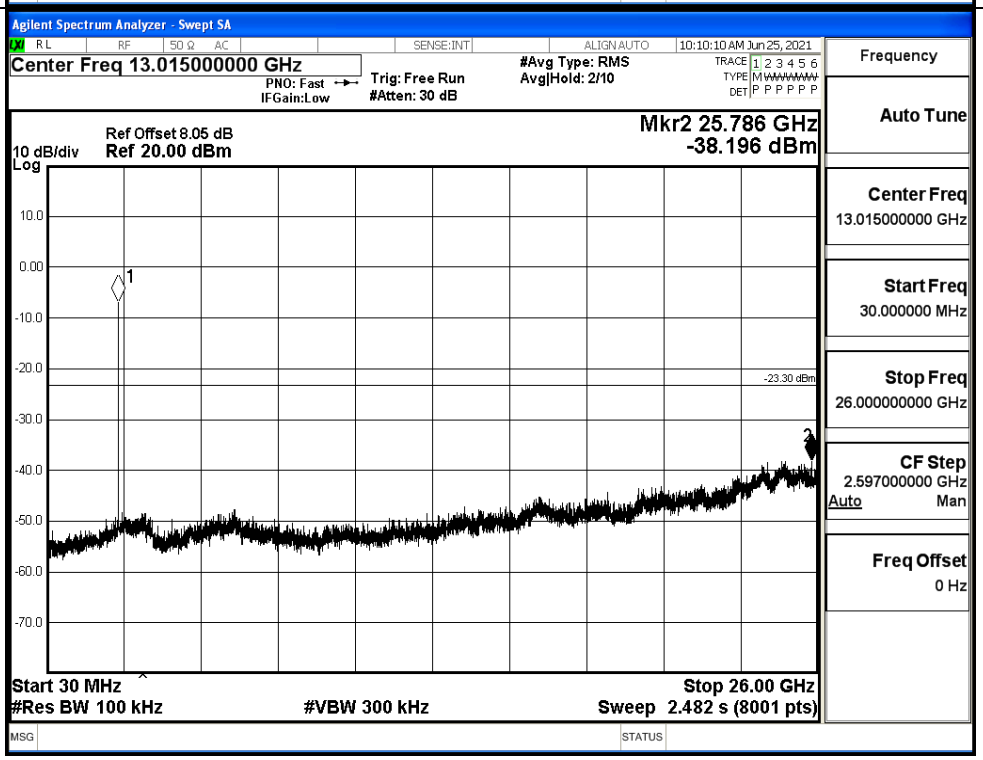
11B_HCH_Graphs		
Pref/11B/HCH		
Puw/11B/HCH		

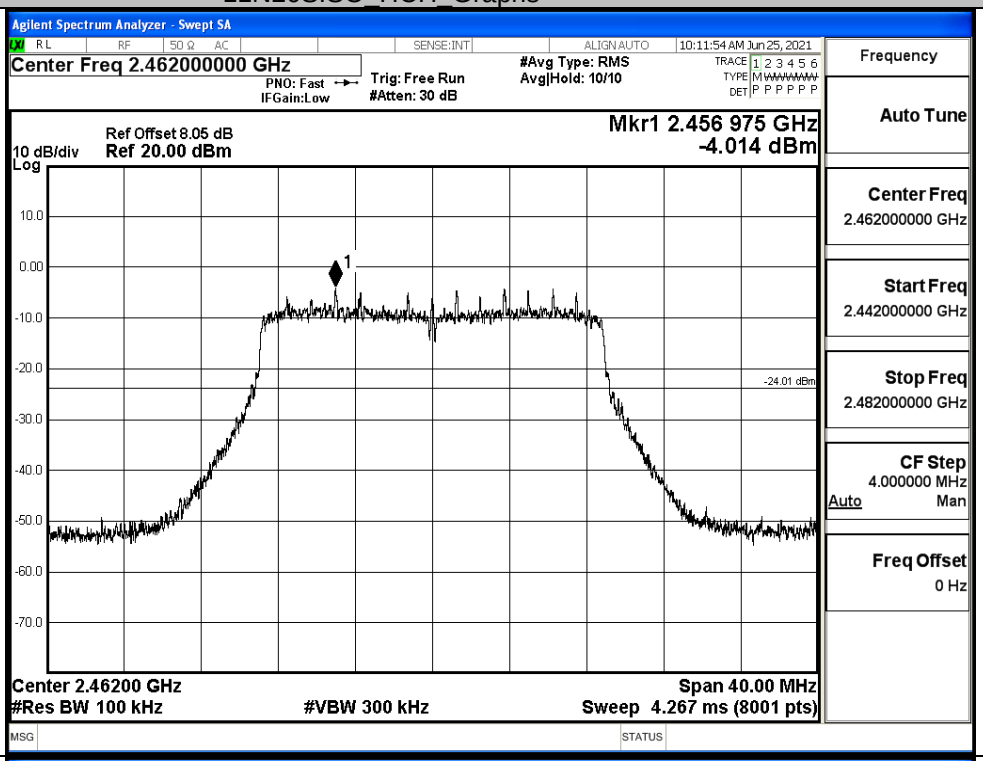
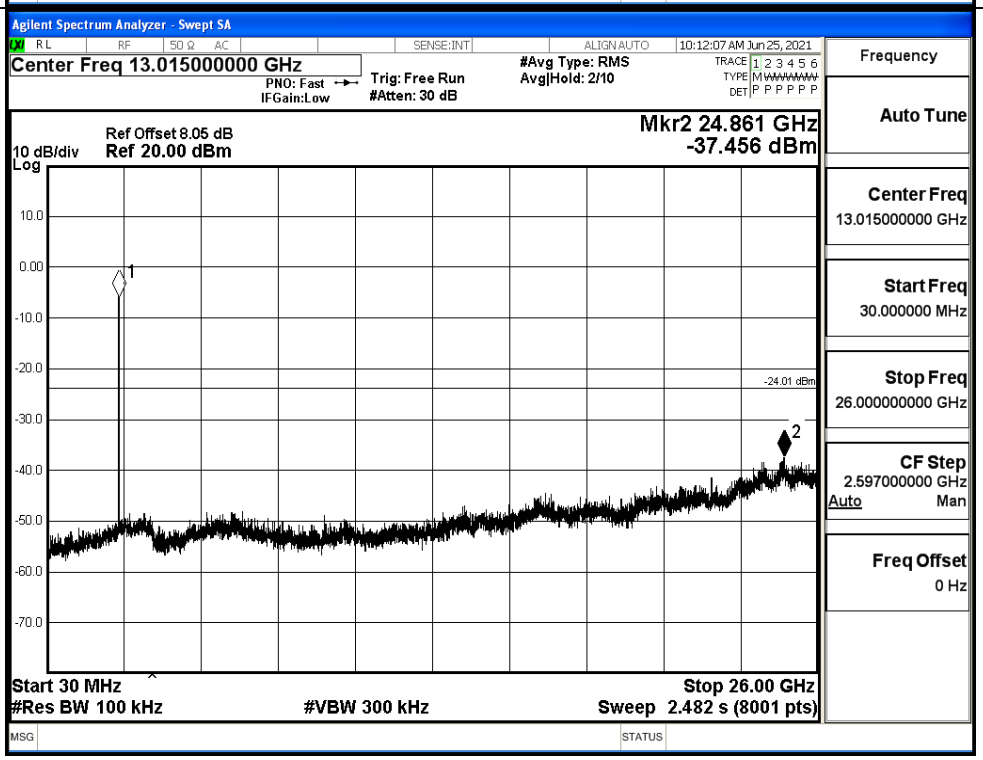
11G_LCH_Graphs		
Pref/11G/LCH		
Puw/11G/LCH		

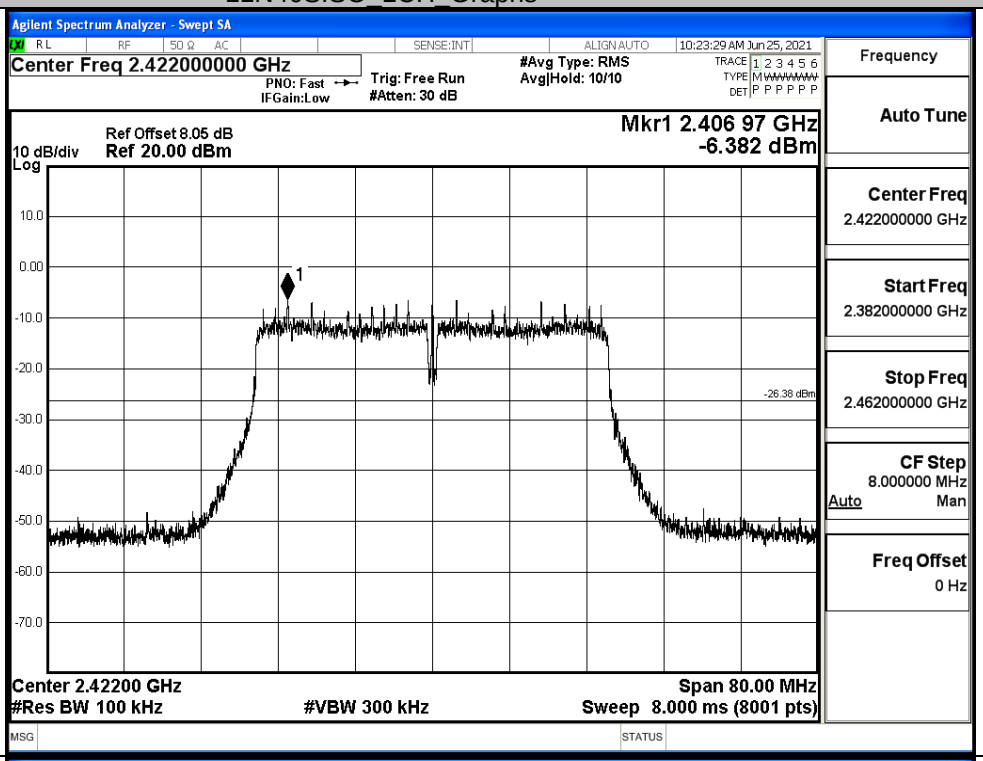
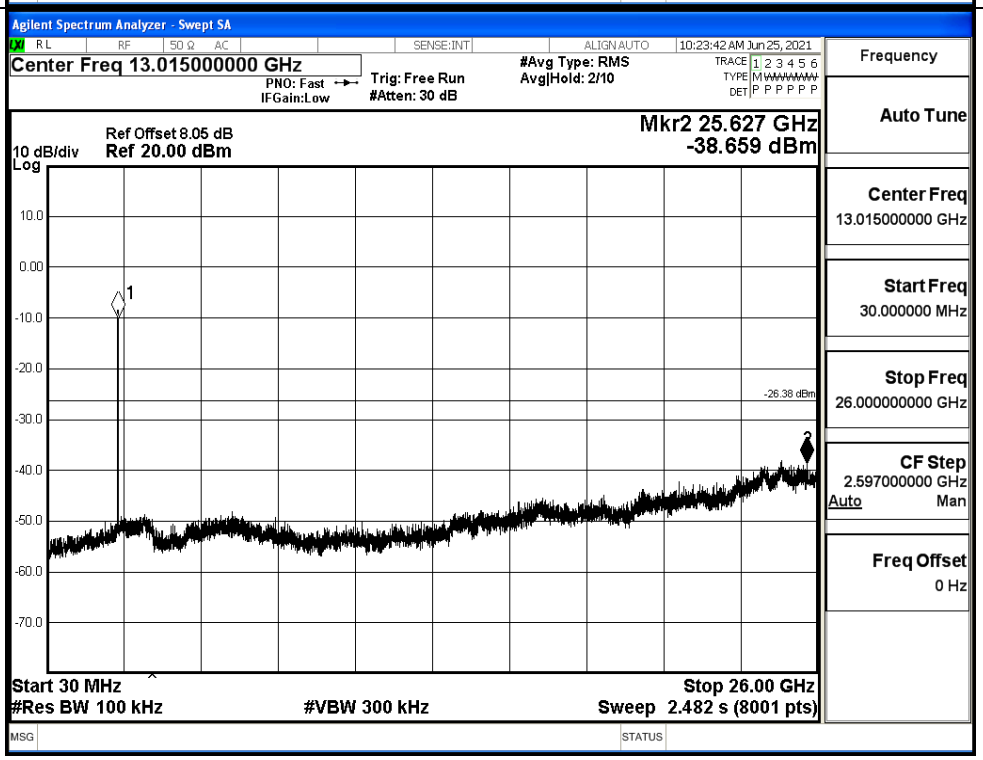
11G_MCH_Graphs		
Pref/11G/MCH		
Puw/11G/MCH		

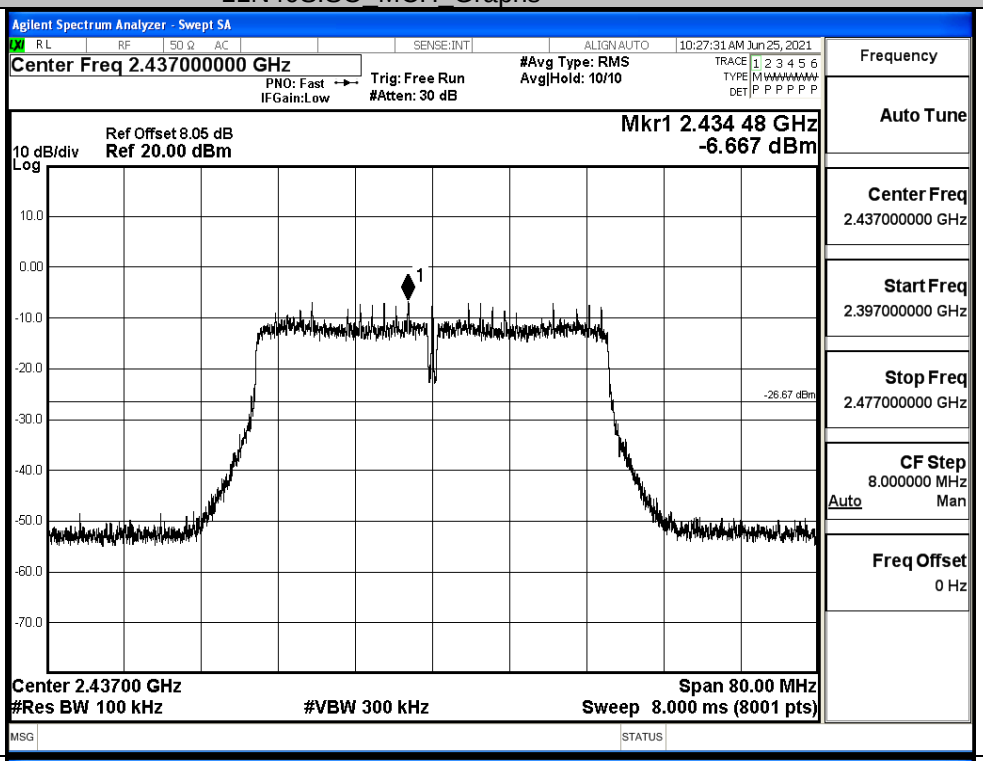
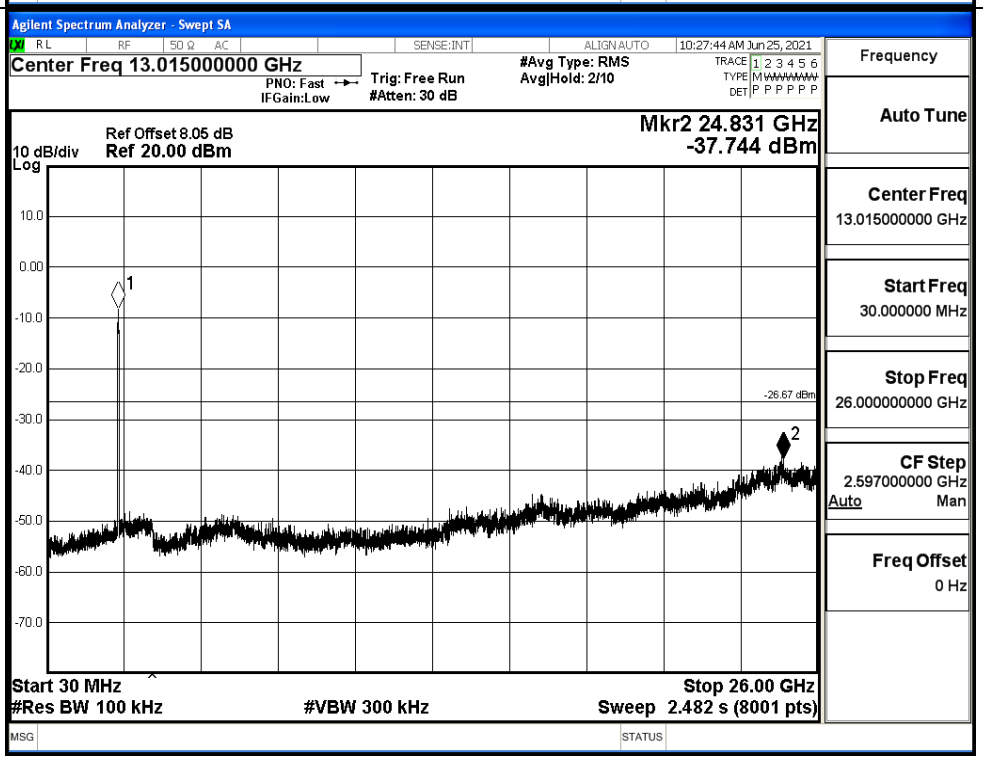
11G_HCH_Graphs		
Pref/11G/HCH		
Puw/11G/HCH		

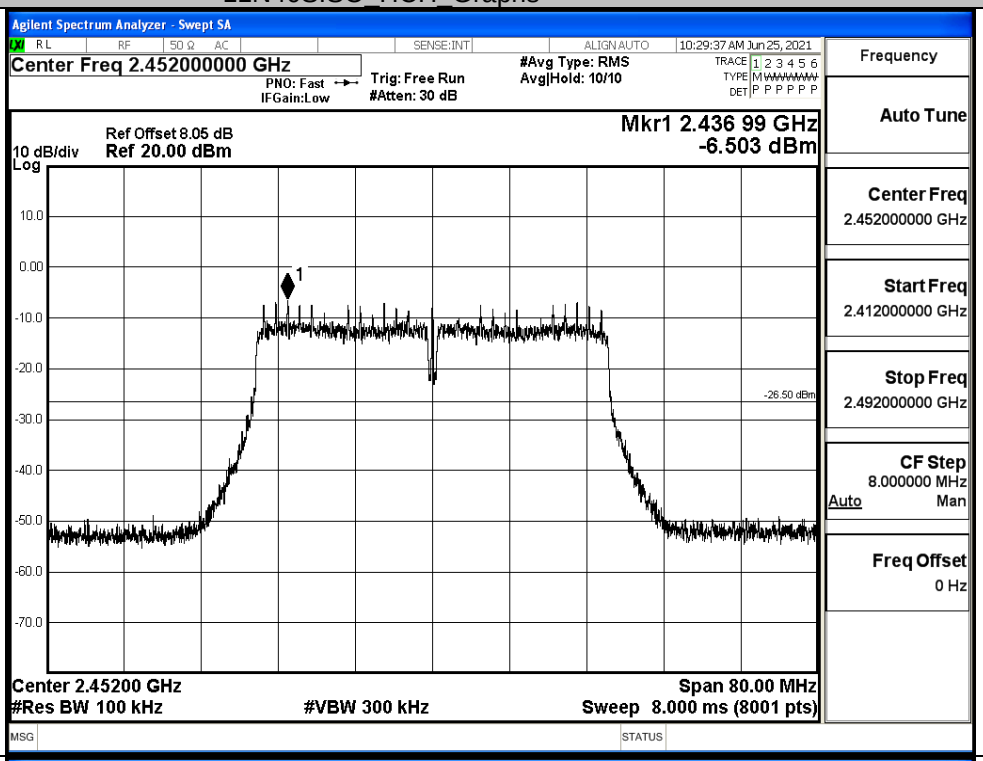
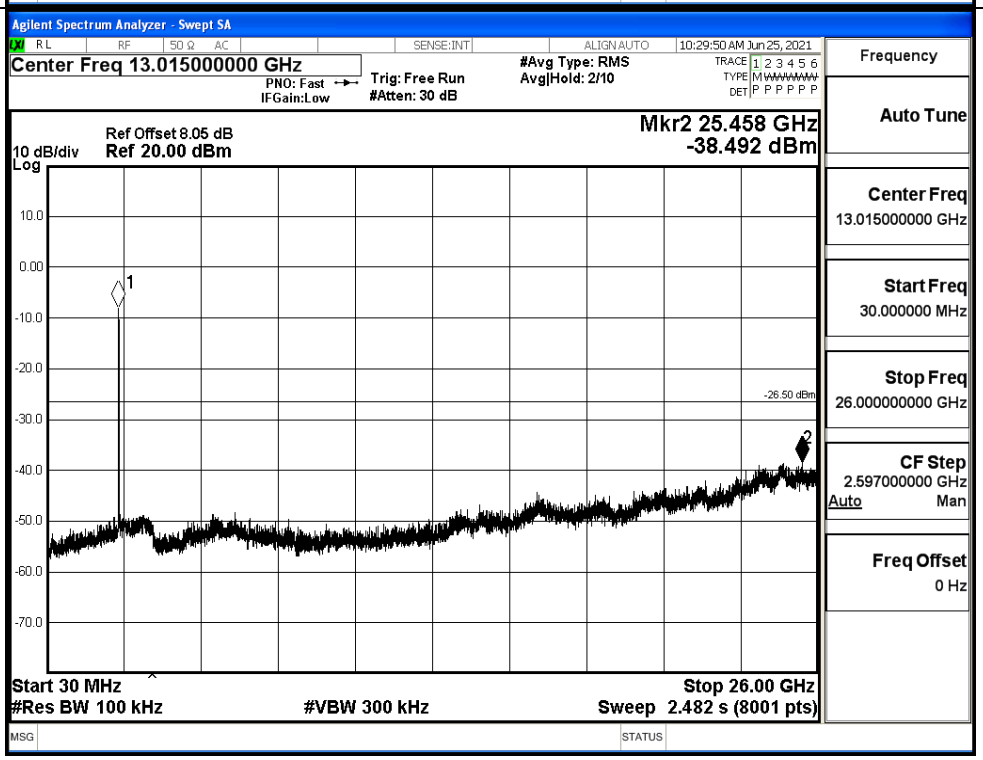
11N20SISO_LCH_Graphs		
Pref/11N20SISO/LCH		
Puw/11N20SISO/LCH		

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		

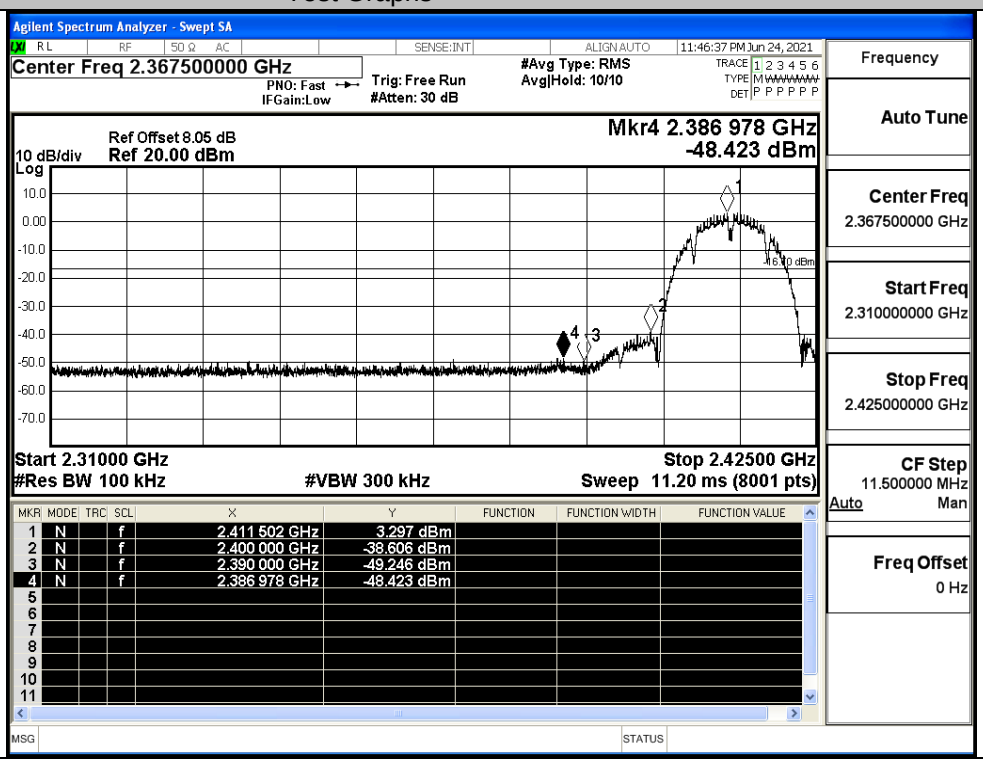
11N40SISO_MCH_Graphs	
Pref/11N40 SISO/MCH	
Puw/11N40 SISO/MCH	

11N40SISO_HCH_Graphs	
Pref/11N40 SISO/HCH	
Puw/11N40 SISO/HCH	

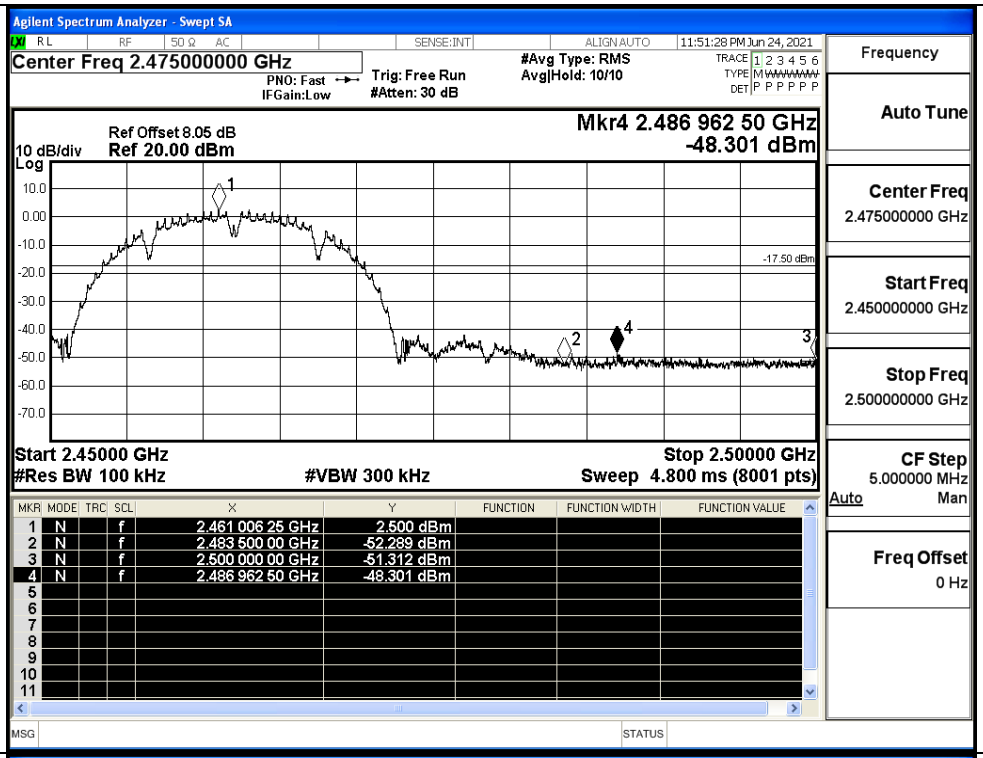
A.6 Band-edge for RF Conducted Emissions

ANT0

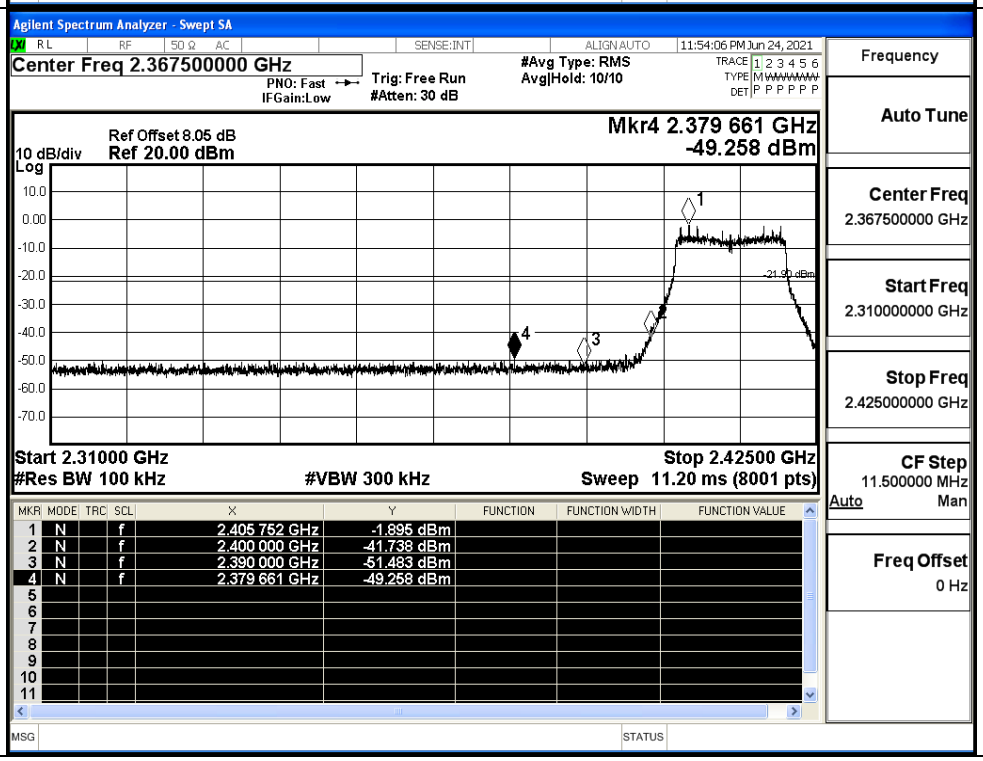
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	3.297	-48.423	-16.7	PASS
	HCH	2.500	-48.301	-17.5	PASS
11G	LCH	-1.895	-49.258	-21.9	PASS
	HCH	-4.051	-48.007	-24.05	PASS
11N20SISO	LCH	-6.232	-49.785	-26.23	PASS
	HCH	-6.344	-49.634	-26.34	PASS
11N40SISO	LCH	-0.496	-37.338	-20.5	PASS
	HCH	-6.896	-49.259	-26.9	PASS

Test Graphs	
11B/LCH	

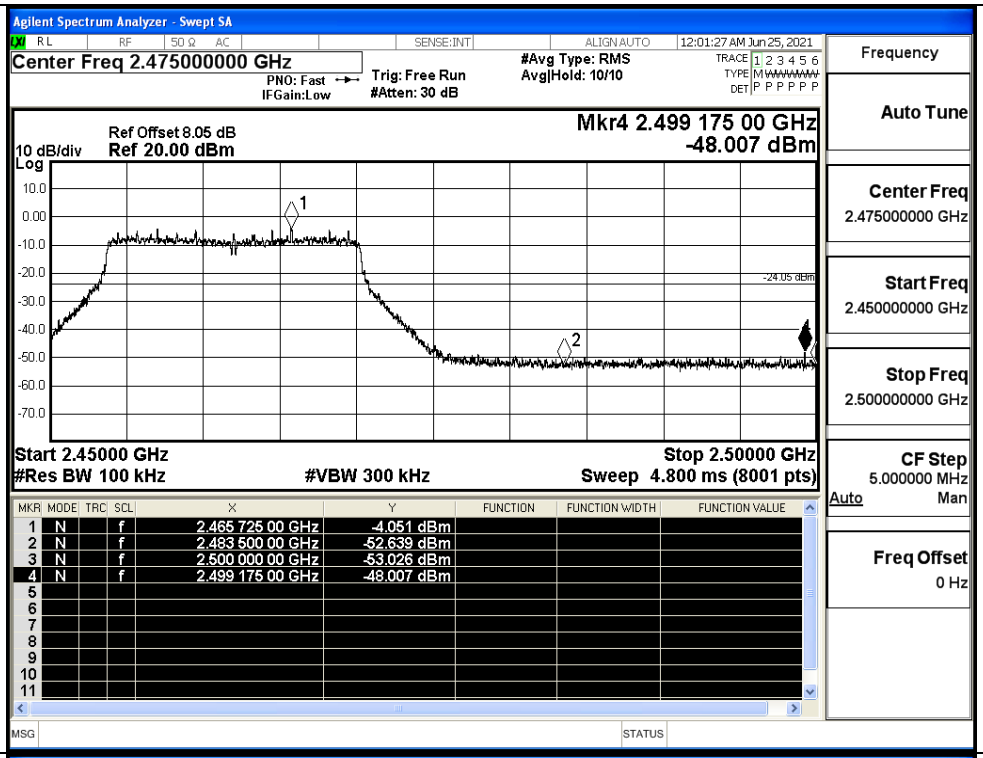
11B/HCH



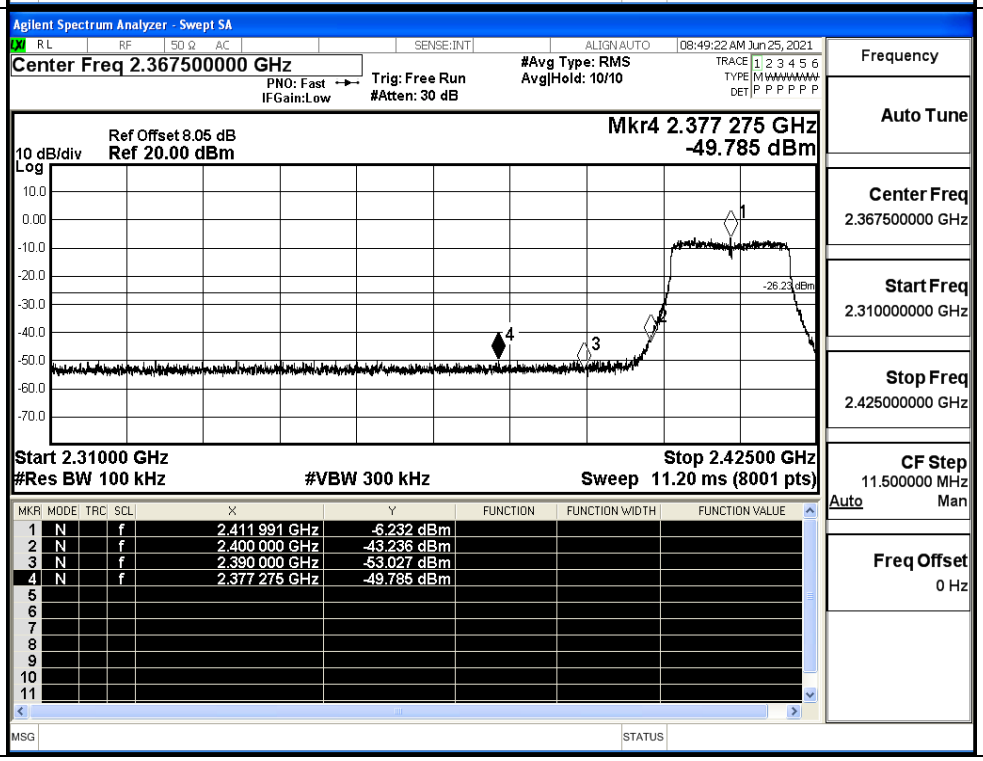
11G/LCH



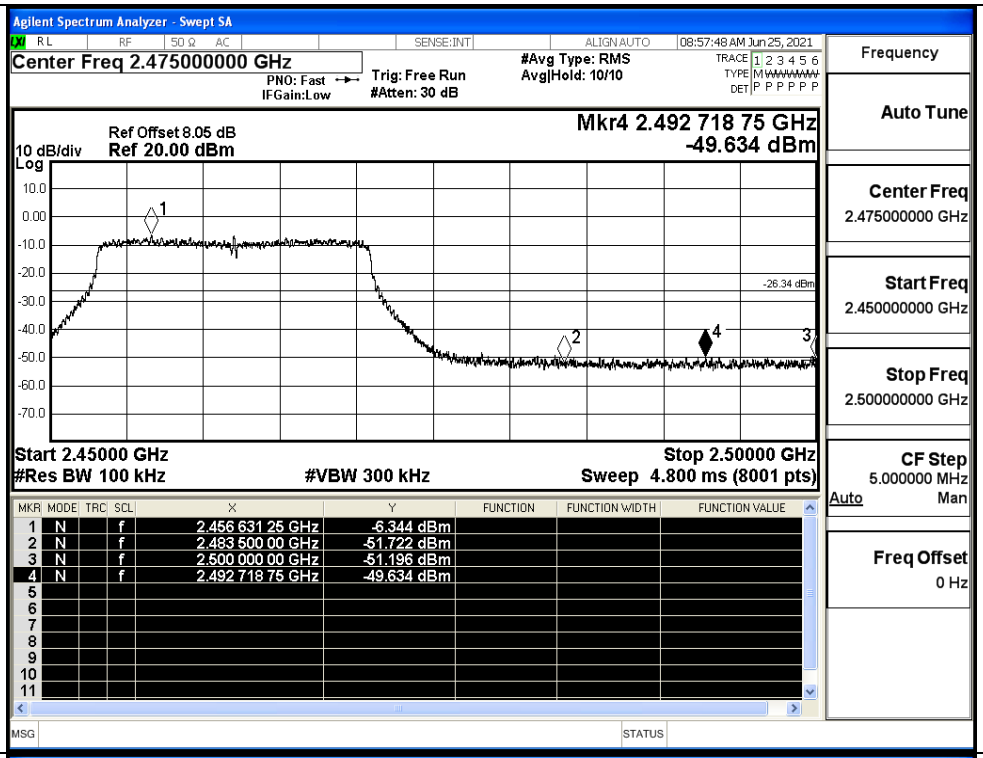
11G/HCH



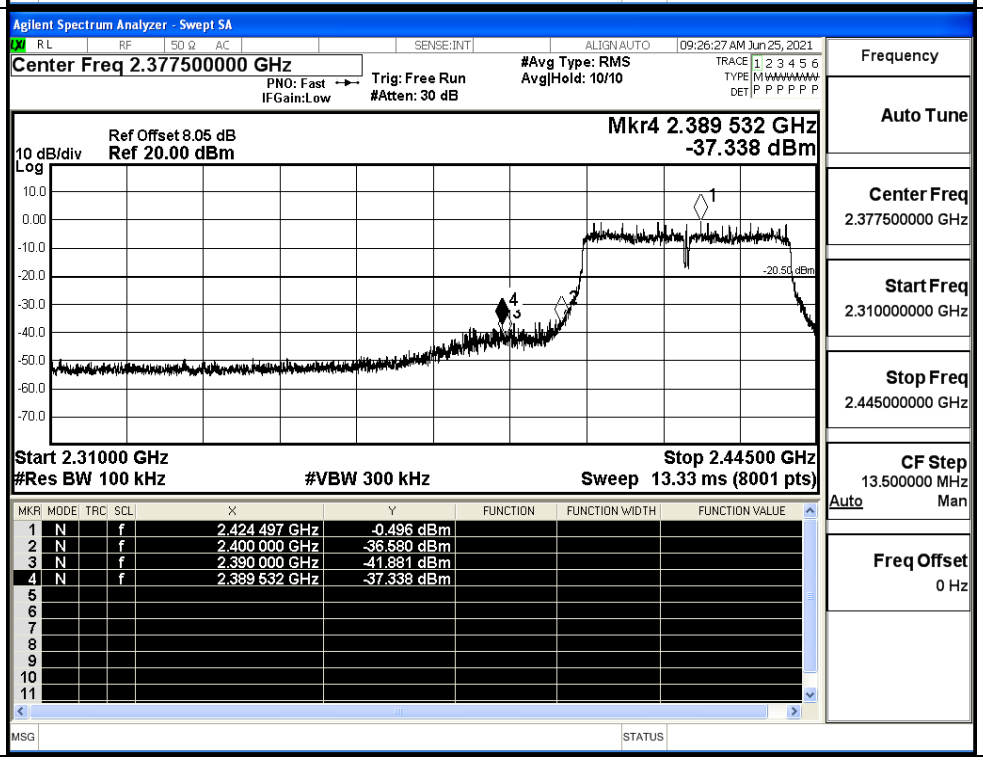
11N20SISO/LCH



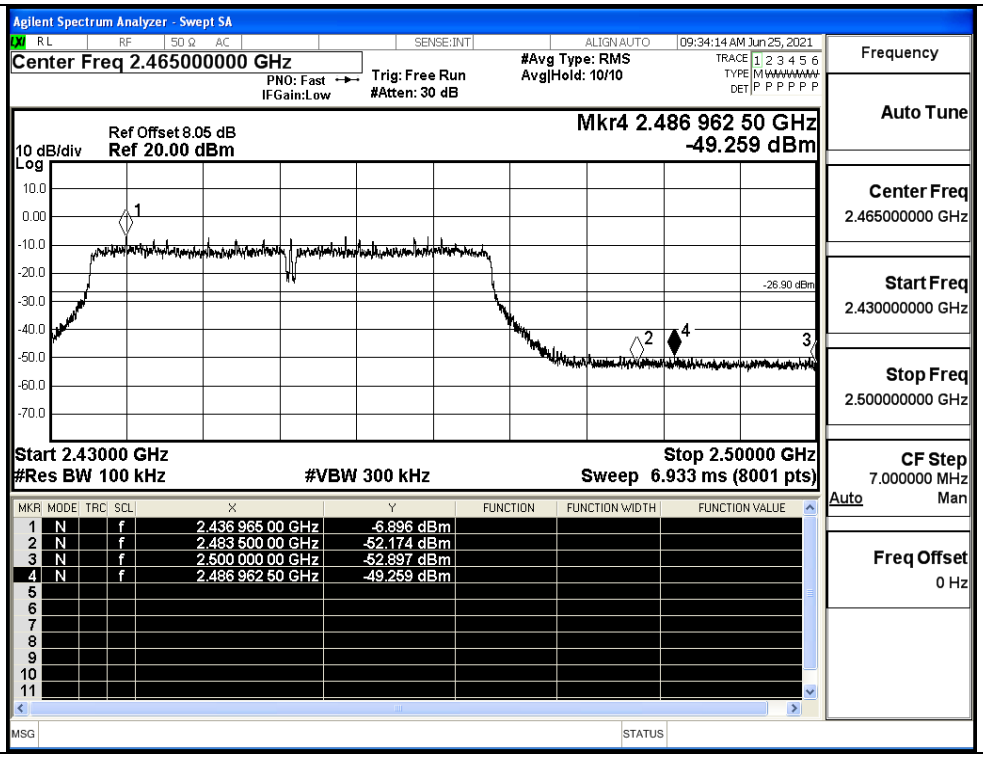
11N20SISO/HCH



11N40SISO/LCH

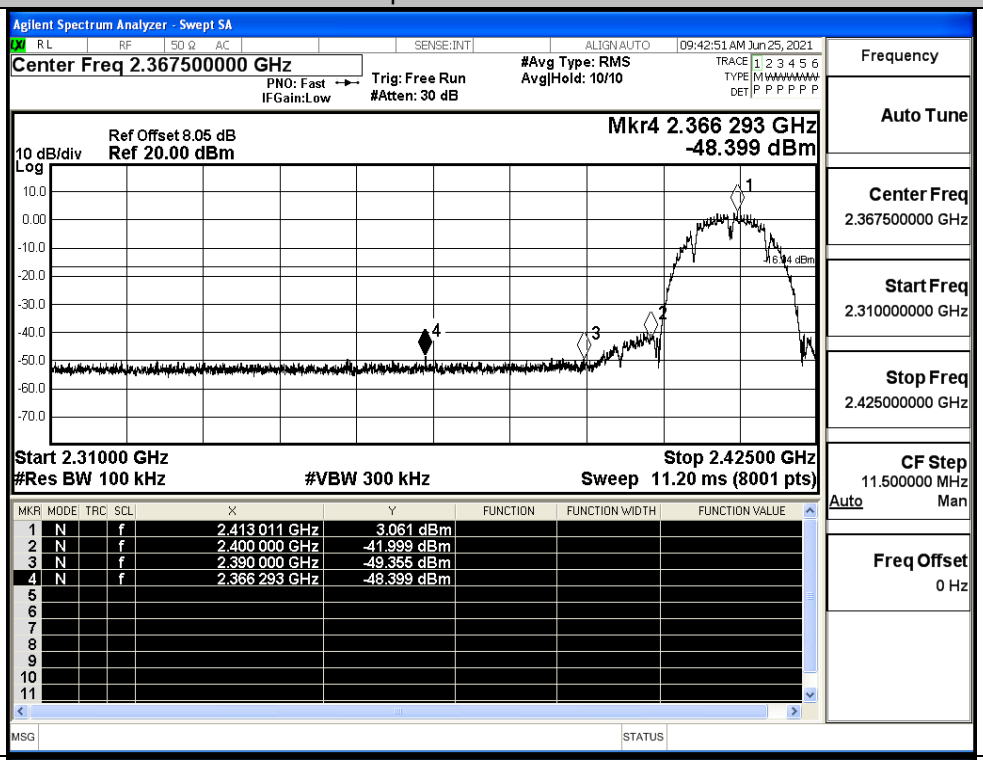
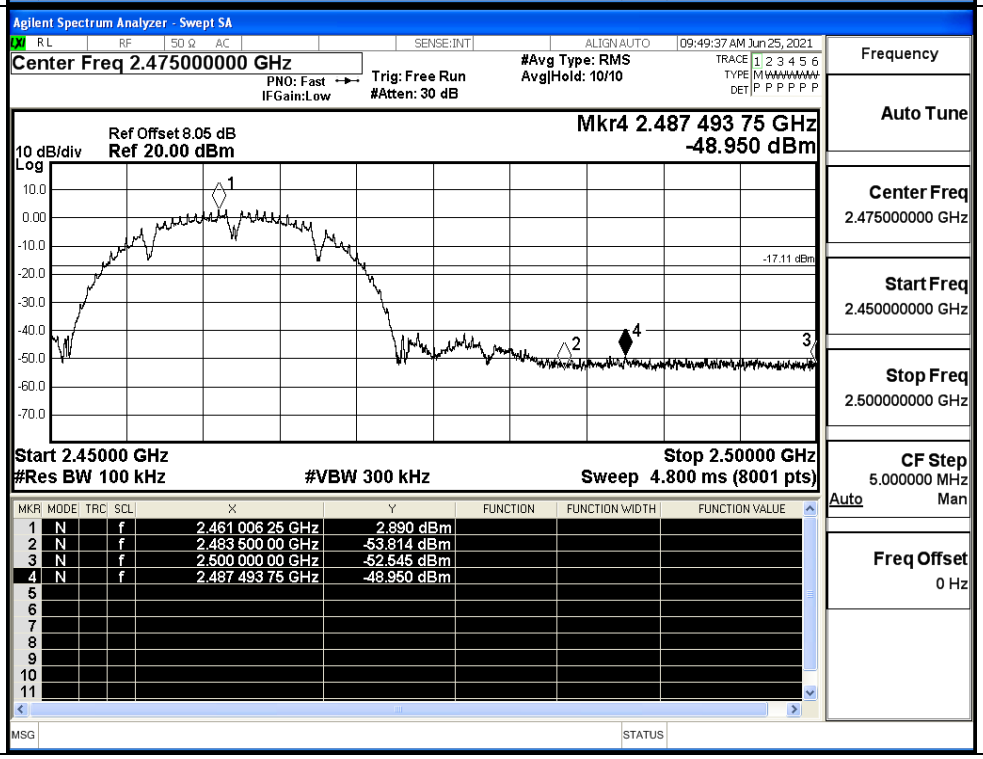


11N40SISO/HCH

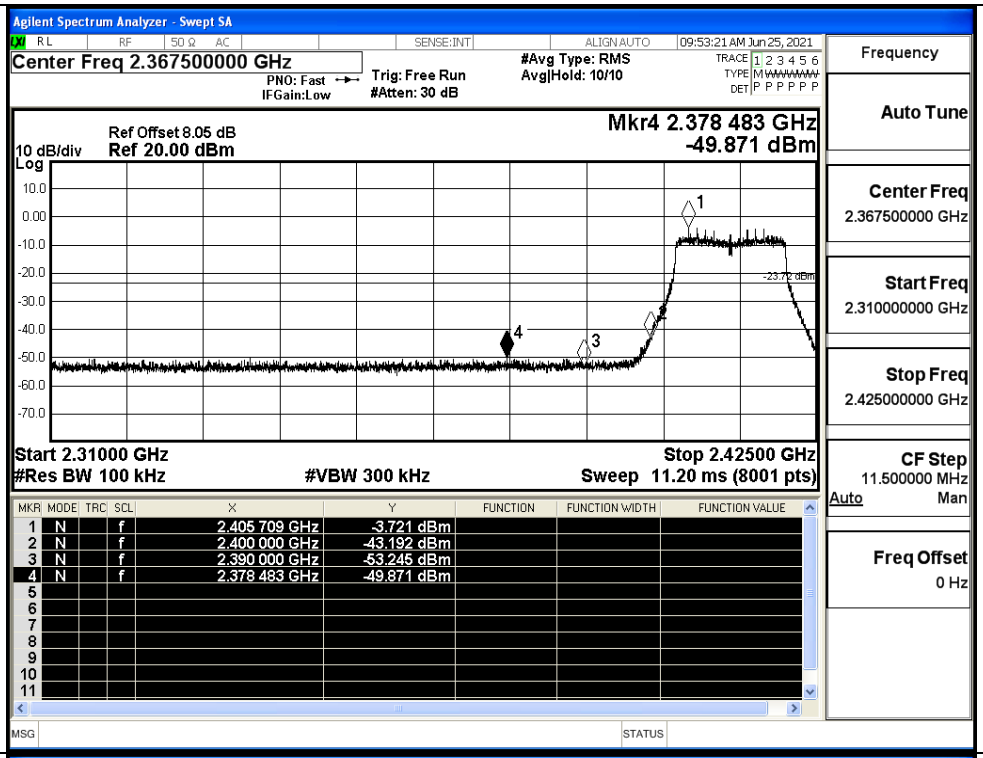


ANT1

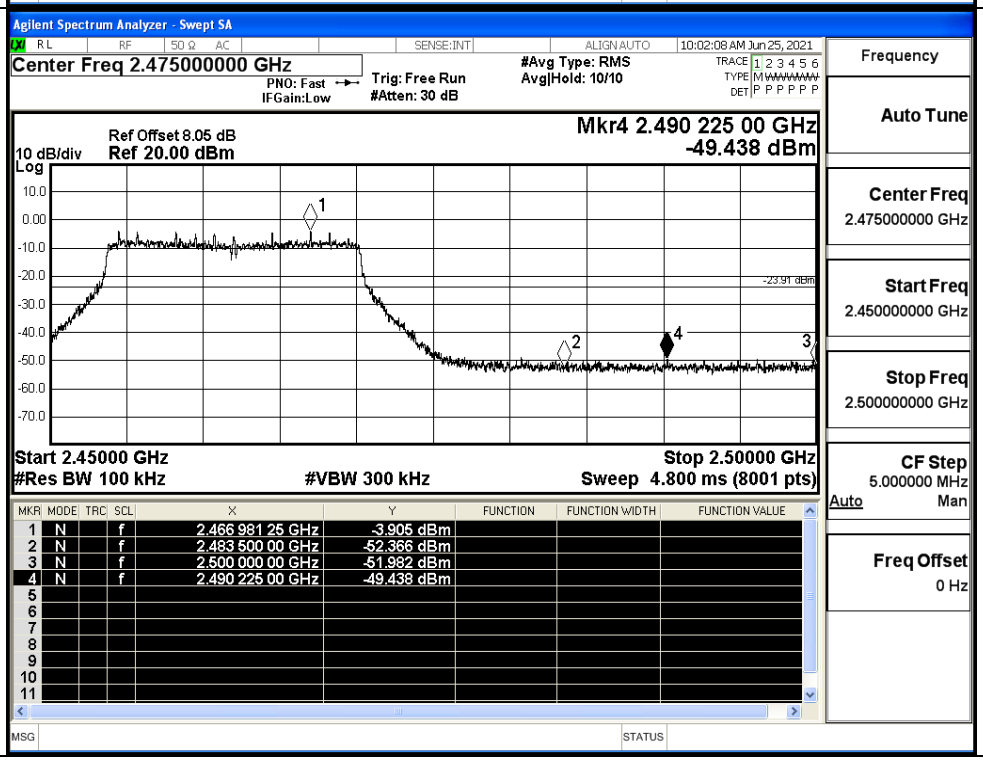
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	3.061	-48.399	-16.94	PASS
	HCH	2.890	-48.950	-17.11	PASS
11G	LCH	-3.721	-49.871	-23.72	PASS
	HCH	-3.905	-49.438	-23.91	PASS
11N20SISO	LCH	-3.425	-49.952	-23.43	PASS
	HCH	-3.965	-49.260	-23.97	PASS
11N40SISO	LCH	-6.131	-49.315	-26.13	PASS
	HCH	-6.833	-49.202	-26.83	PASS

Test Graphs	
11B/LCH	
11B/HCH	

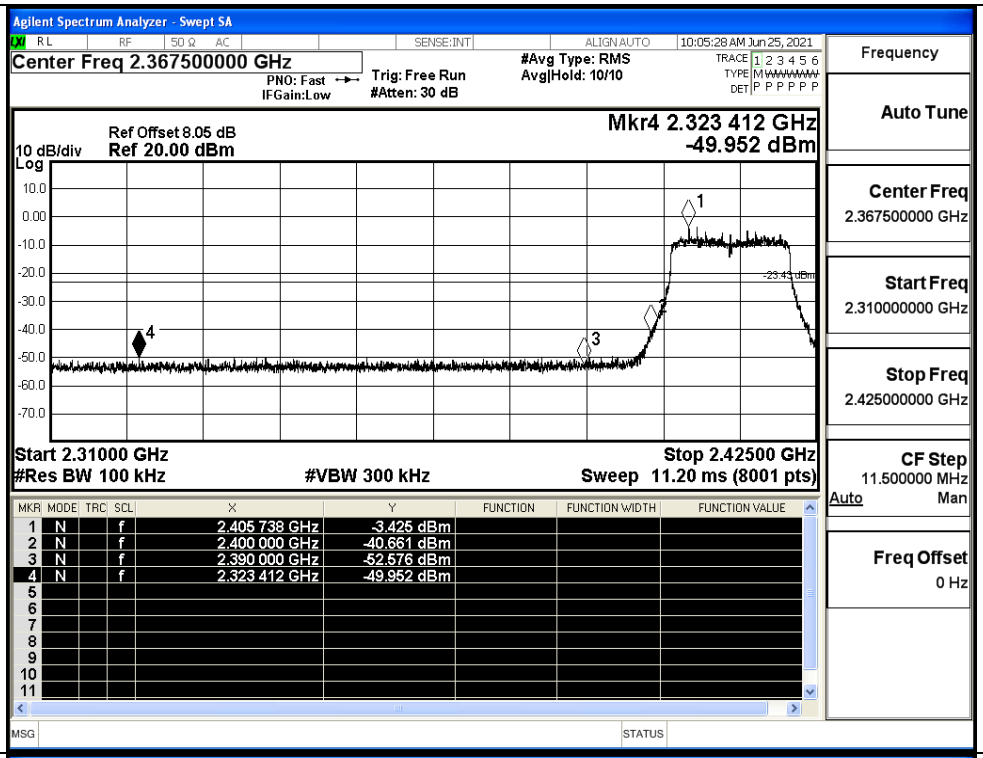
11G/LCH



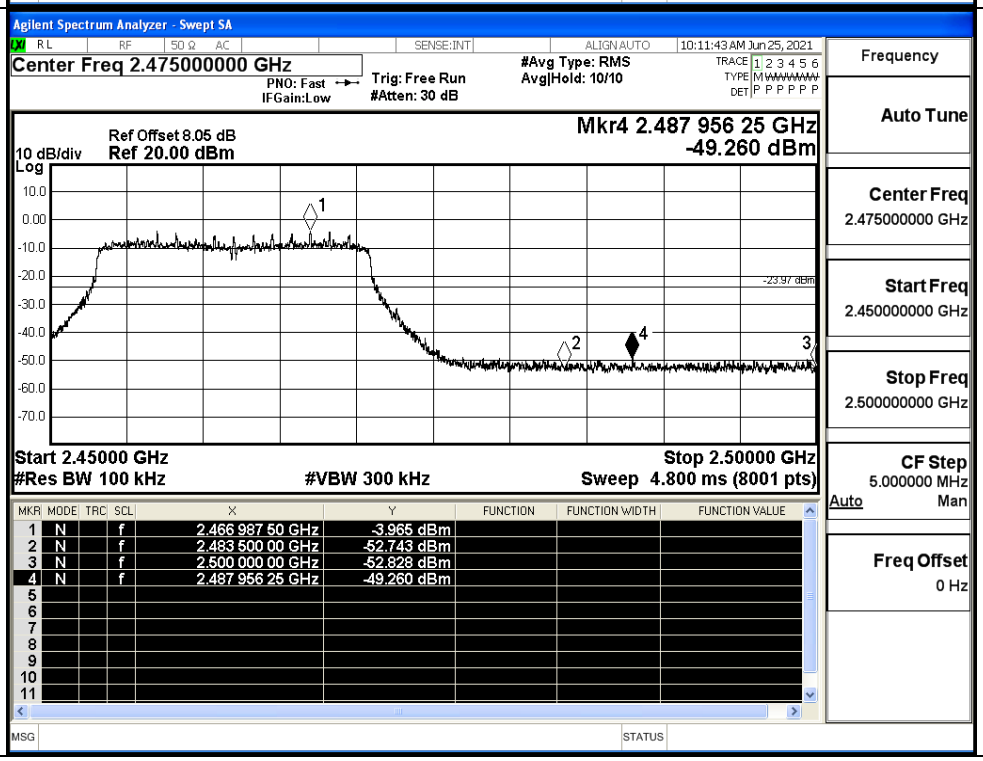
11G/HCH



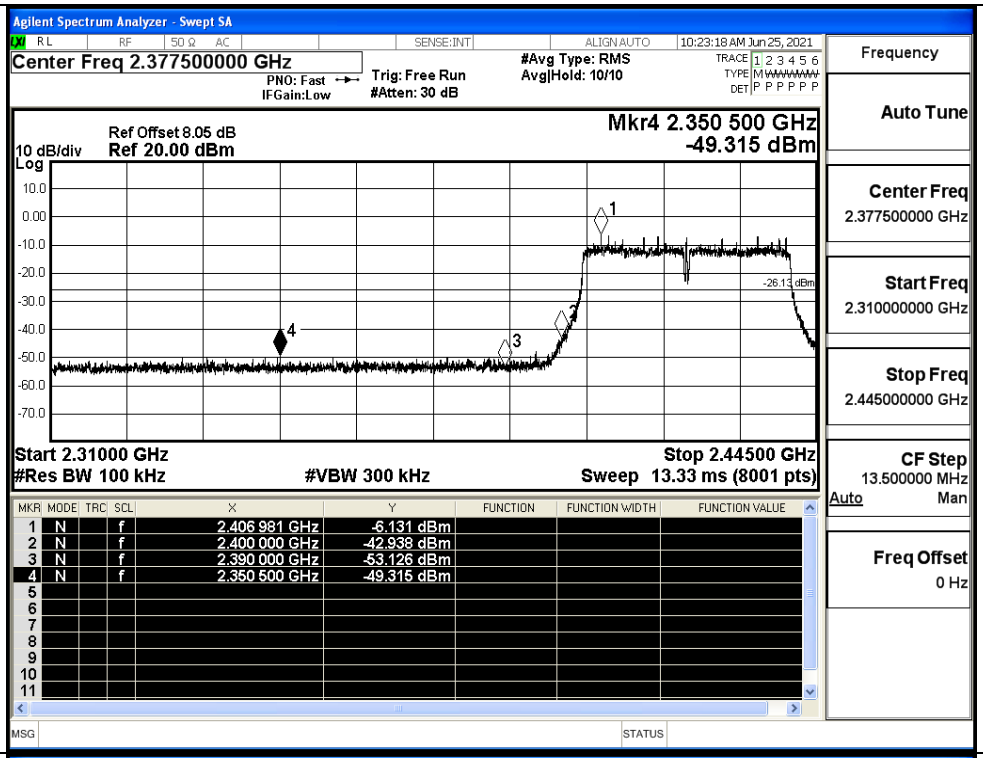
11N20SISO/LCH



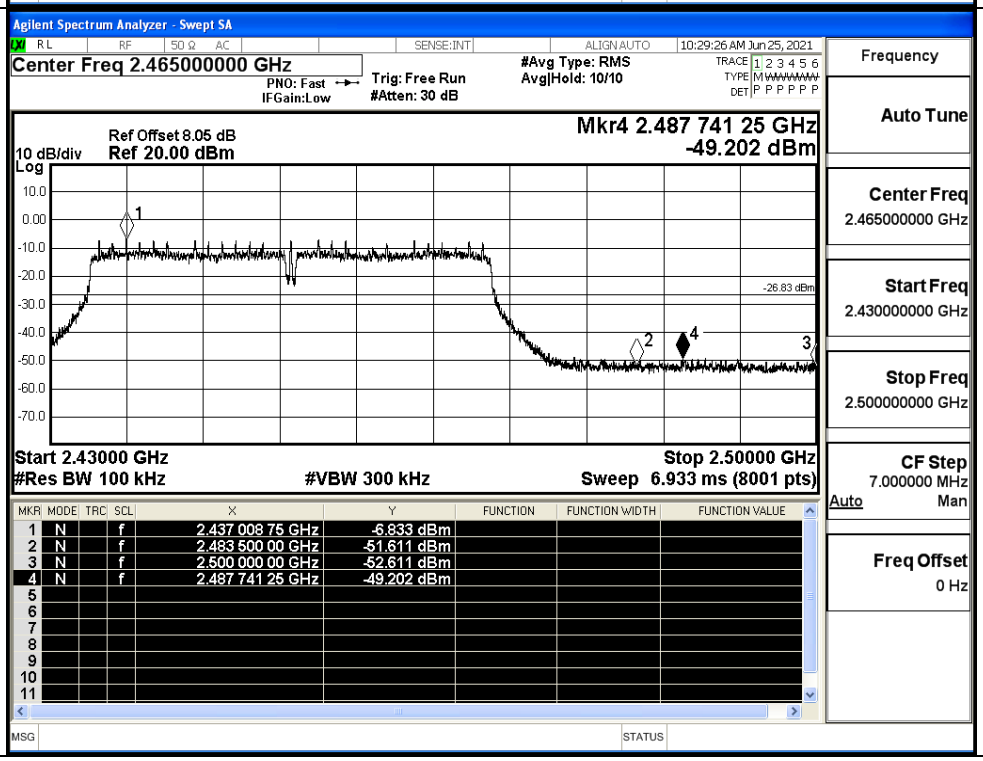
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH



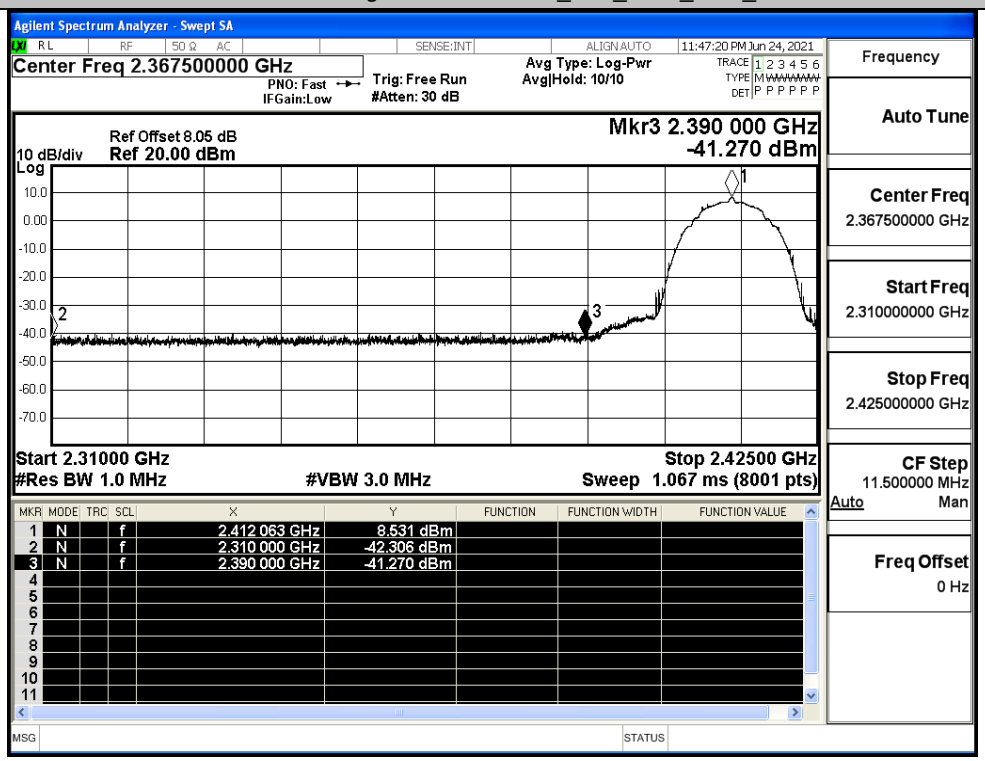
A.7 Restrict-band band-edge measurements

ANT0

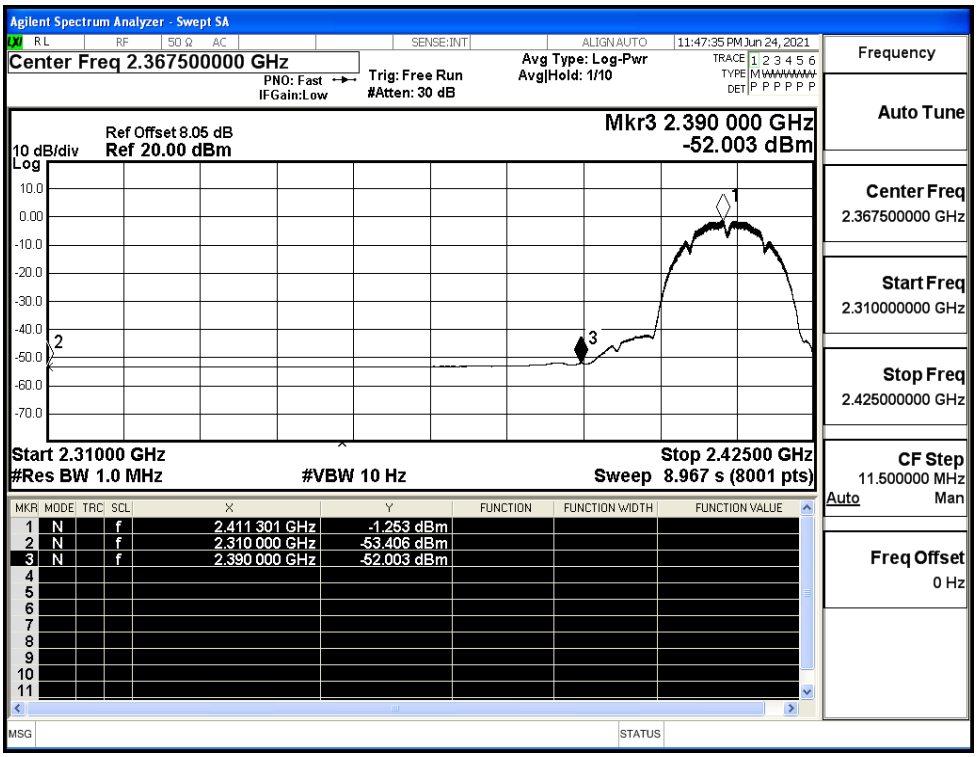
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-42.31	2.0	3.0	52.95	PEAK	74	PASS
	2412	Ant1	2310.0	-53.41	2.0	3.0	41.85	AV	54	PASS
	2412	Ant1	2390.0	-41.27	2.0	3.0	53.99	PEAK	74	PASS
	2412	Ant1	2390.0	-52.00	2.0	3.0	43.25	AV	54	PASS
	2462	Ant1	2483.5	-41.75	2.0	3.0	53.51	PEAK	74	PASS
	2462	Ant1	2483.5	-52.16	2.0	3.0	43.10	AV	54	PASS
	2462	Ant1	2500.0	-41.28	2.0	3.0	53.97	PEAK	74	PASS
	2462	Ant1	2500.0	-52.53	2.0	3.0	42.73	AV	54	PASS
11G	2412	Ant1	2310.0	-43.05	2.0	3.0	52.21	PEAK	74	PASS
	2412	Ant1	2310.0	-53.51	2.0	3.0	41.75	AV	54	PASS
	2412	Ant1	2390.0	-42.68	2.0	3.0	52.58	PEAK	74	PASS
	2412	Ant1	2390.0	-52.90	2.0	3.0	42.36	AV	54	PASS
	2462	Ant1	2483.5	-41.29	2.0	3.0	53.97	PEAK	74	PASS
	2462	Ant1	2483.5	-52.37	2.0	3.0	42.88	AV	54	PASS
	2462	Ant1	2500.0	-41.05	2.0	3.0	54.21	PEAK	74	PASS
	2462	Ant1	2500.0	-52.66	2.0	3.0	42.60	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-41.62	2.0	3.0	53.64	PEAK	74	PASS
	2412	Ant1	2310.0	-53.57	2.0	3.0	41.69	AV	54	PASS
	2412	Ant1	2390.0	-41.31	2.0	3.0	53.95	PEAK	74	PASS
	2412	Ant1	2390.0	-52.91	2.0	3.0	42.35	AV	54	PASS
	2462	Ant1	2483.5	-41.43	2.0	3.0	53.83	PEAK	74	PASS
	2462	Ant1	2483.5	-52.38	2.0	3.0	42.88	AV	54	PASS
	2462	Ant1	2500.0	-41.86	2.0	3.0	53.40	PEAK	74	PASS
	2462	Ant1	2500.0	-52.52	2.0	3.0	42.74	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-42.25	2.0	3.0	53.01	PEAK	74	PASS
	2422	Ant1	2310.0	-53.53	2.0	3.0	41.73	AV	54	PASS

	2422	Ant1	2390.0	-43.42	2.0	3.0	51.84	PEAK	74	PASS
	2422	Ant1	2390.0	-53.09	2.0	3.0	42.17	AV	54	PASS
	2452	Ant1	2483.5	-42.43	2.0	3.0	52.83	PEAK	74	PASS
	2452	Ant1	2483.5	-52.36	2.0	3.0	42.90	AV	54	PASS
	2452	Ant1	2500.0	-41.06	2.0	3.0	54.20	PEAK	74	PASS
	2452	Ant1	2500.0	-52.62	2.0	3.0	42.64	AV	54	PASS

Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



Restrict-band band-edge measurements_11B_2412_Ant1_AV



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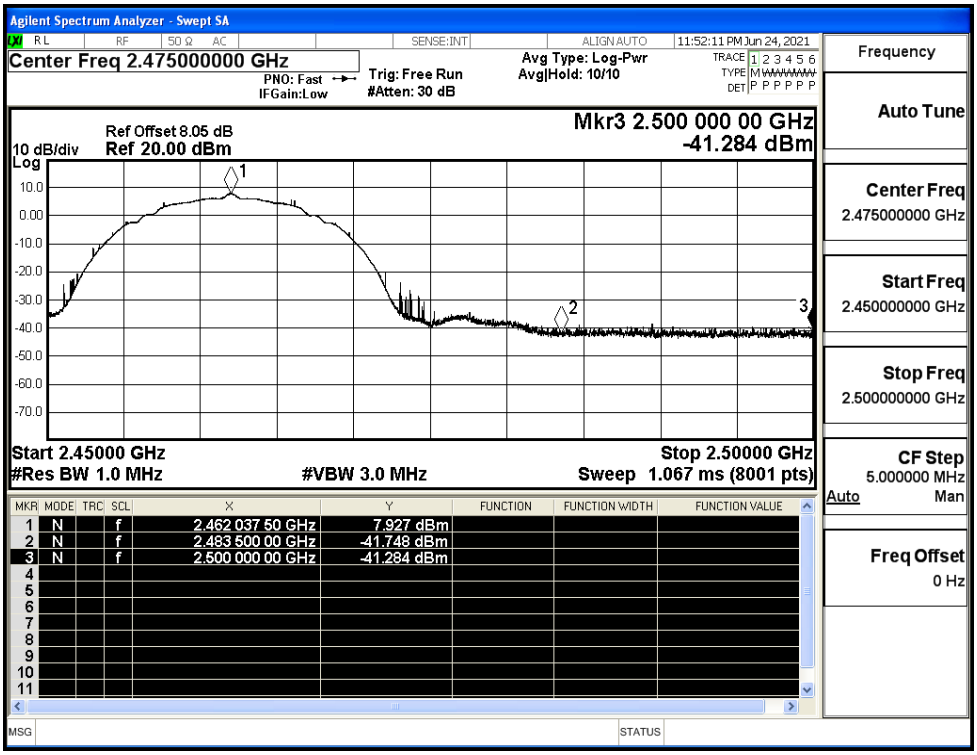
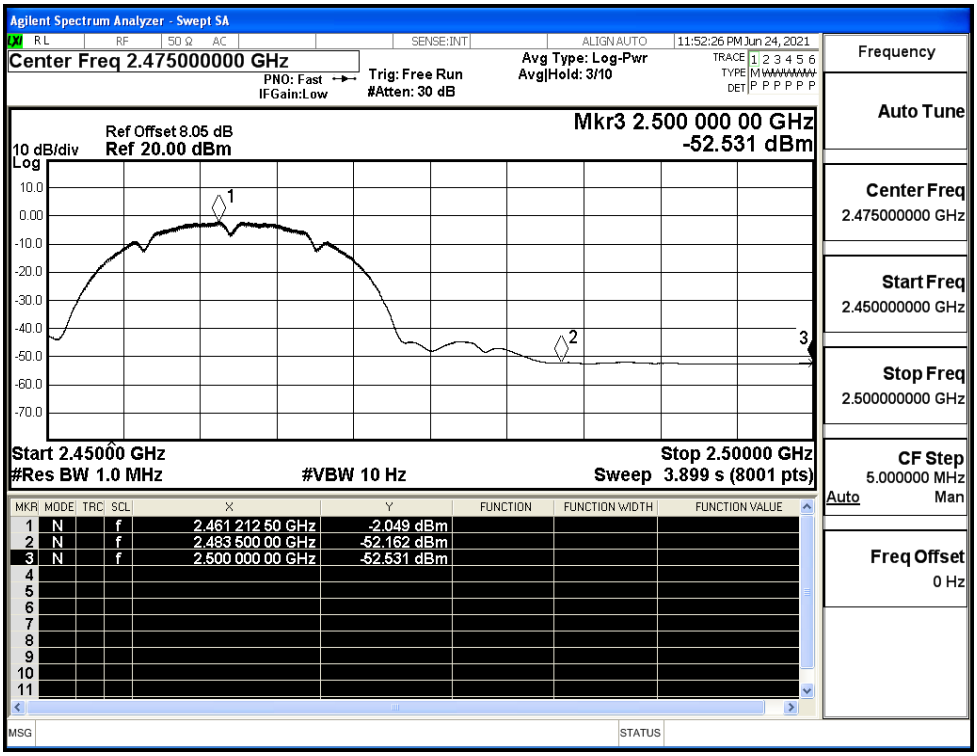
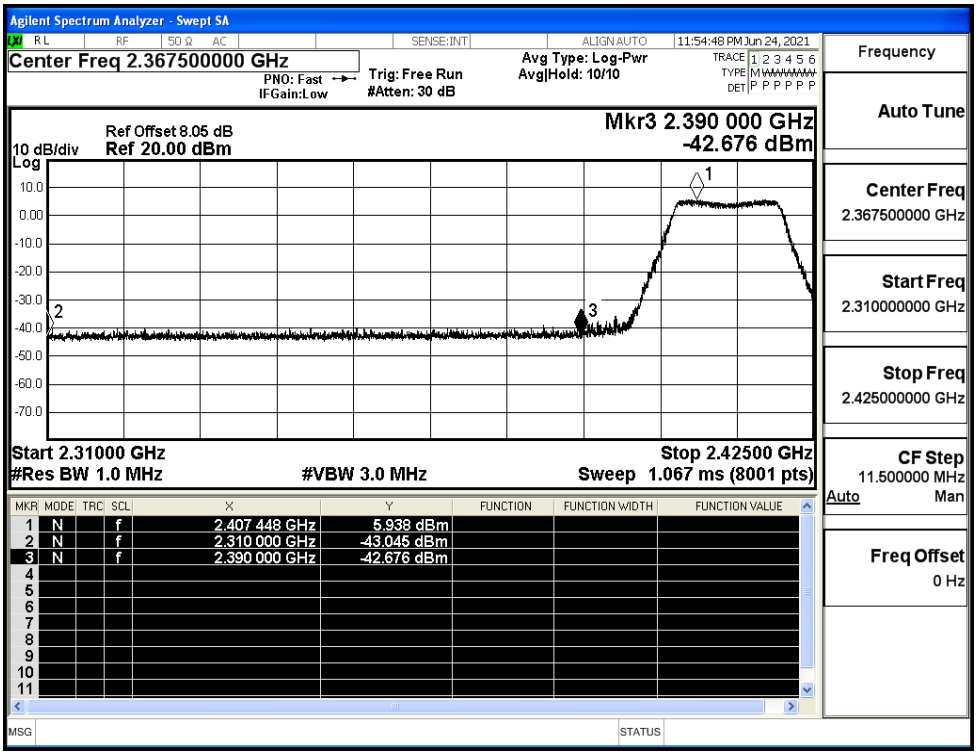


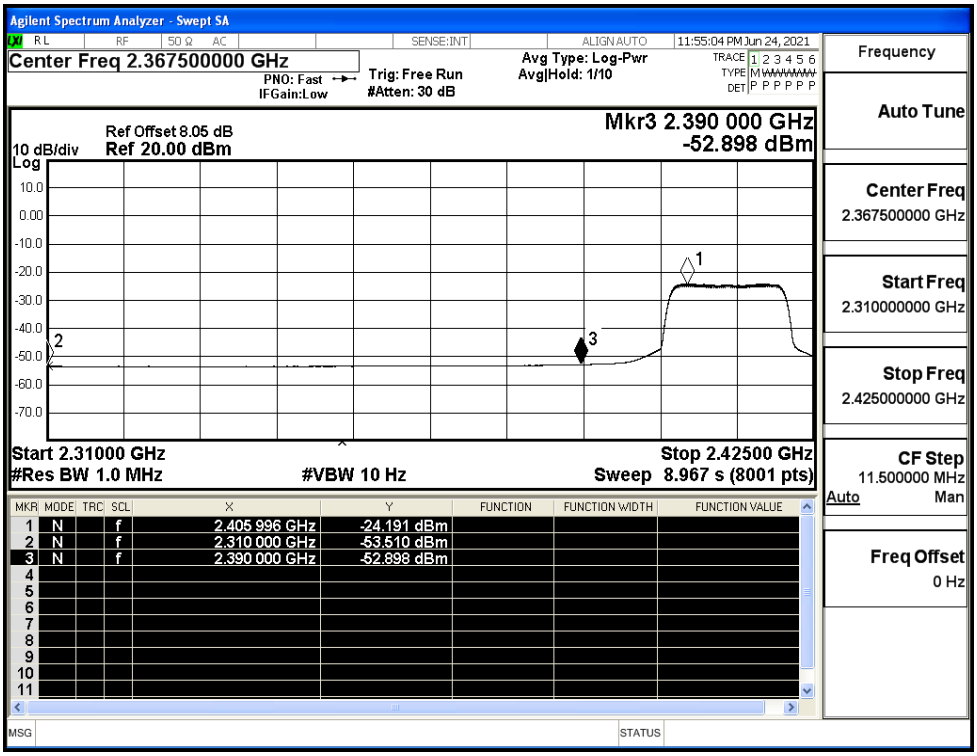
Restrict-band band-edge measurements_11B_2462_Ant1_AV



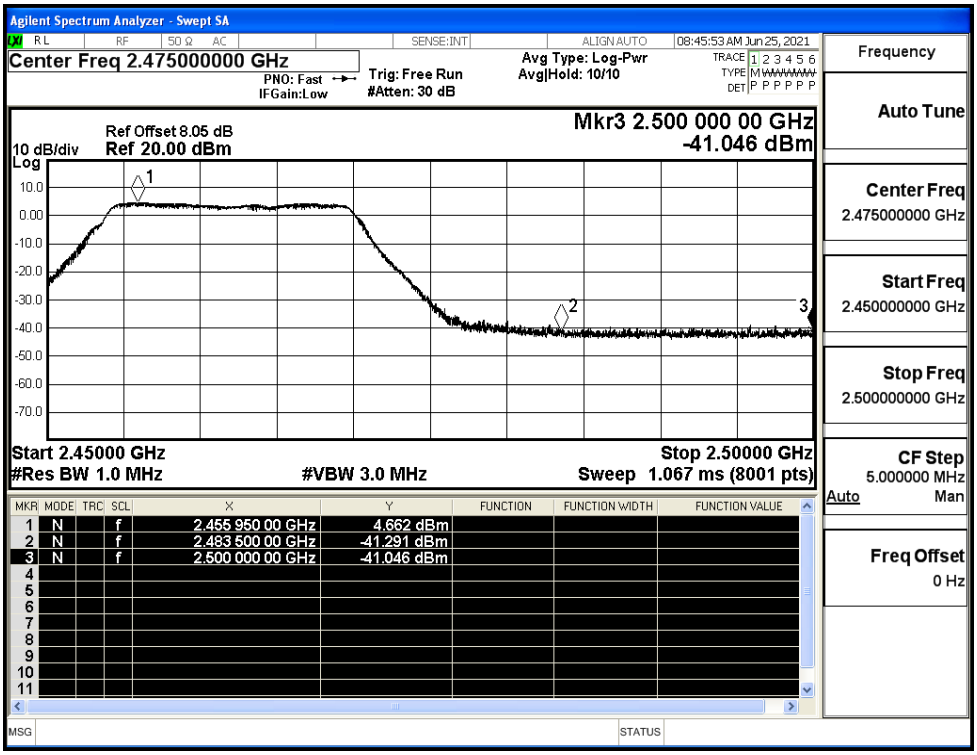
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



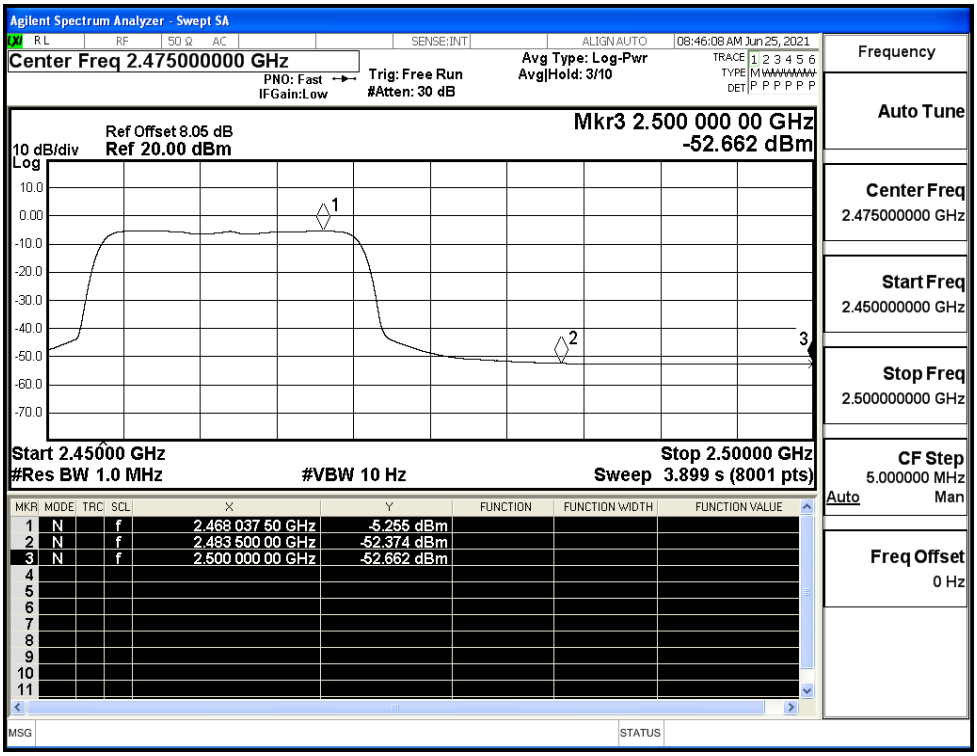
Restrict-band band-edge measurements_11G_2412_Ant1_AV



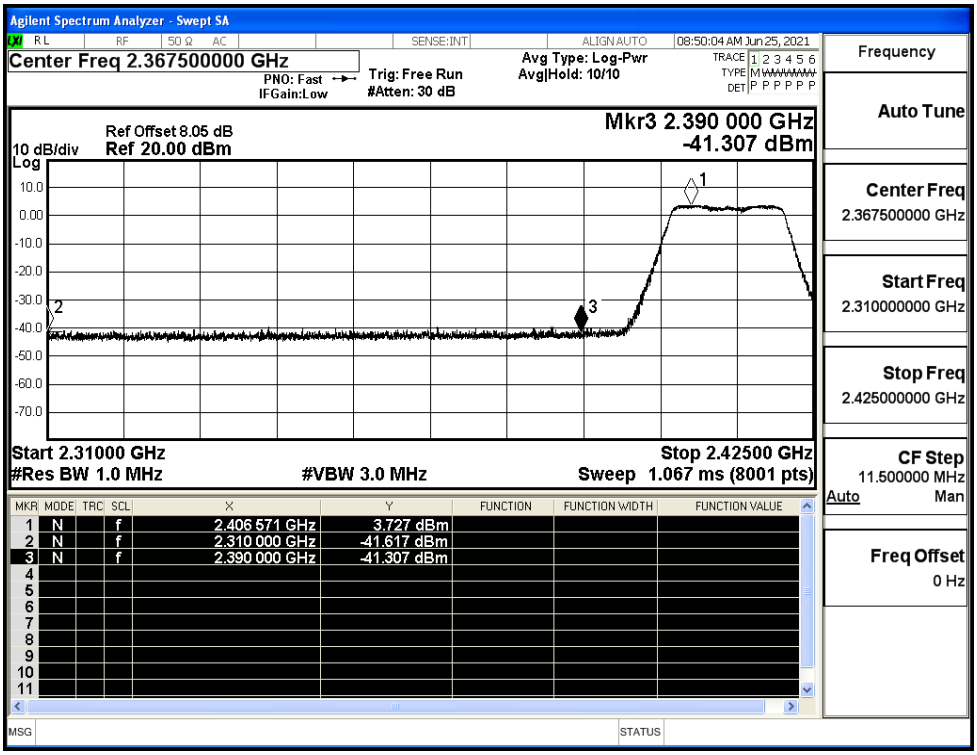
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



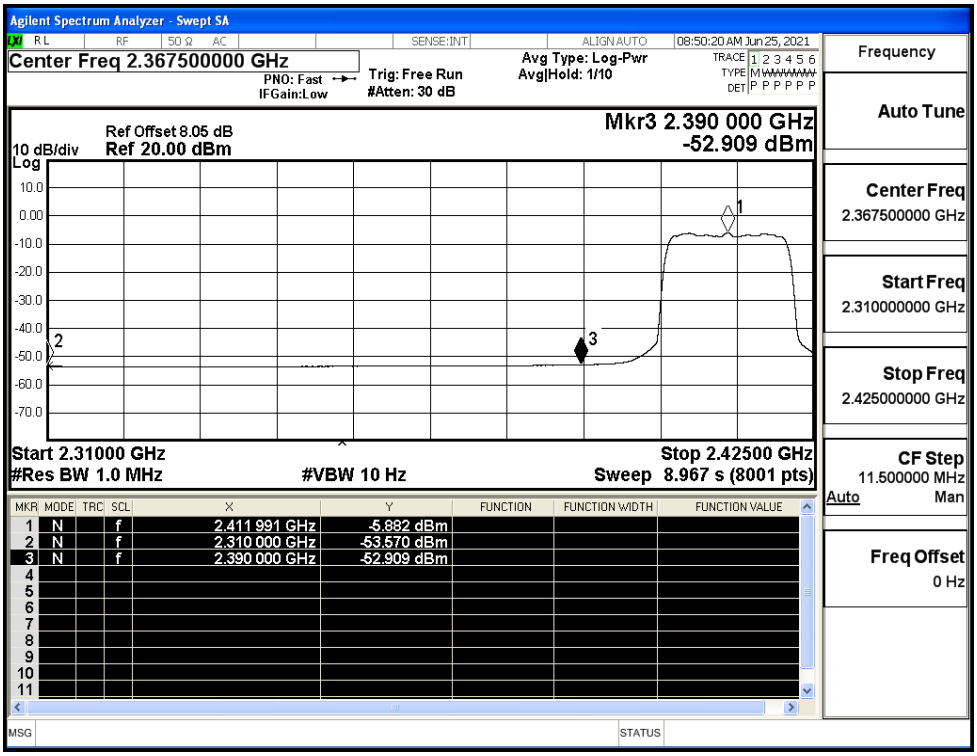
Restrict-band band-edge measurements_11G_2462_Ant1_AV



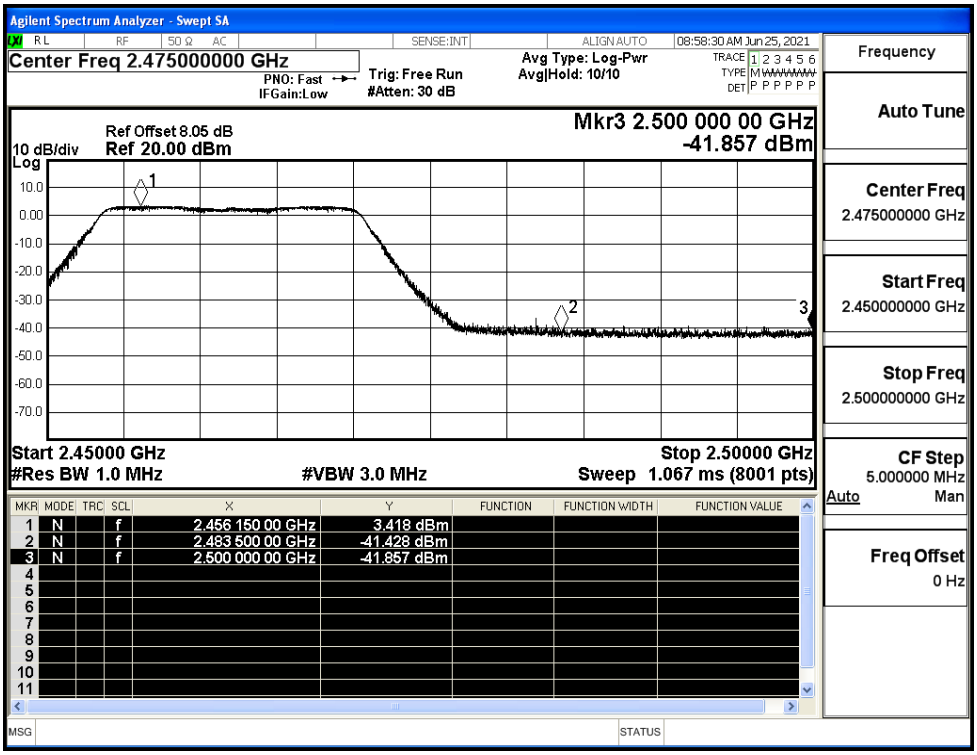
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



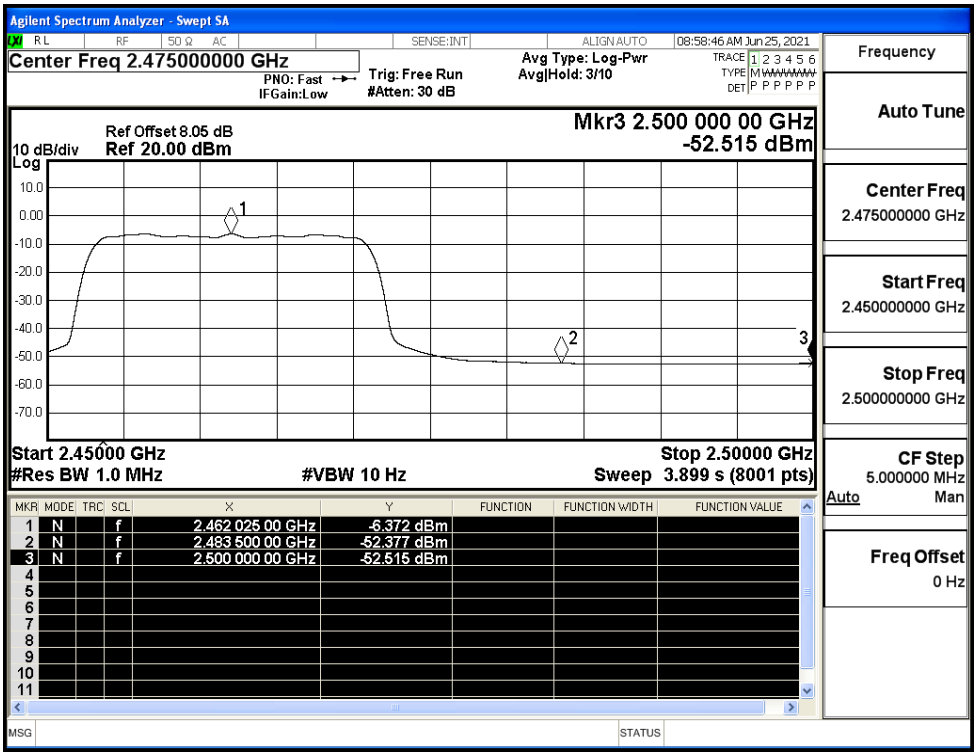
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



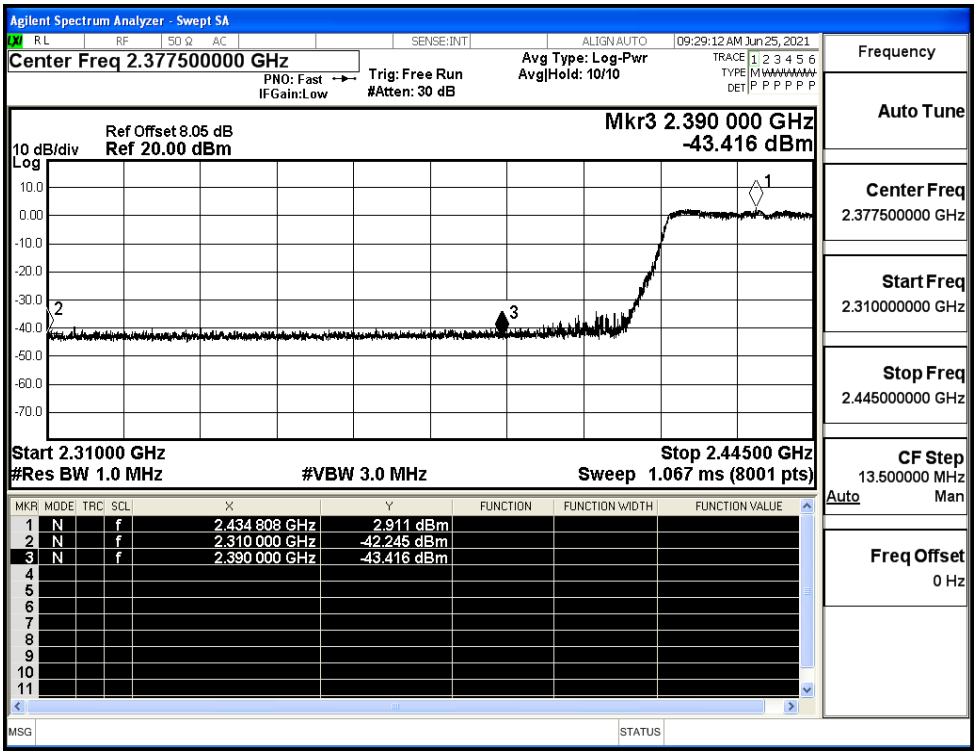
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



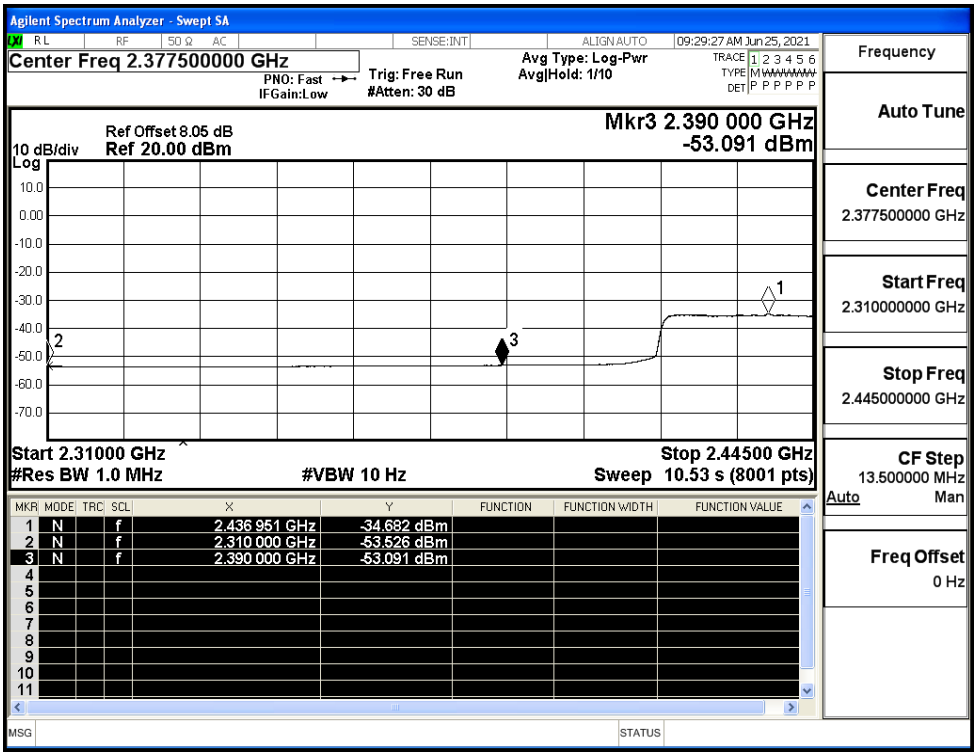
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



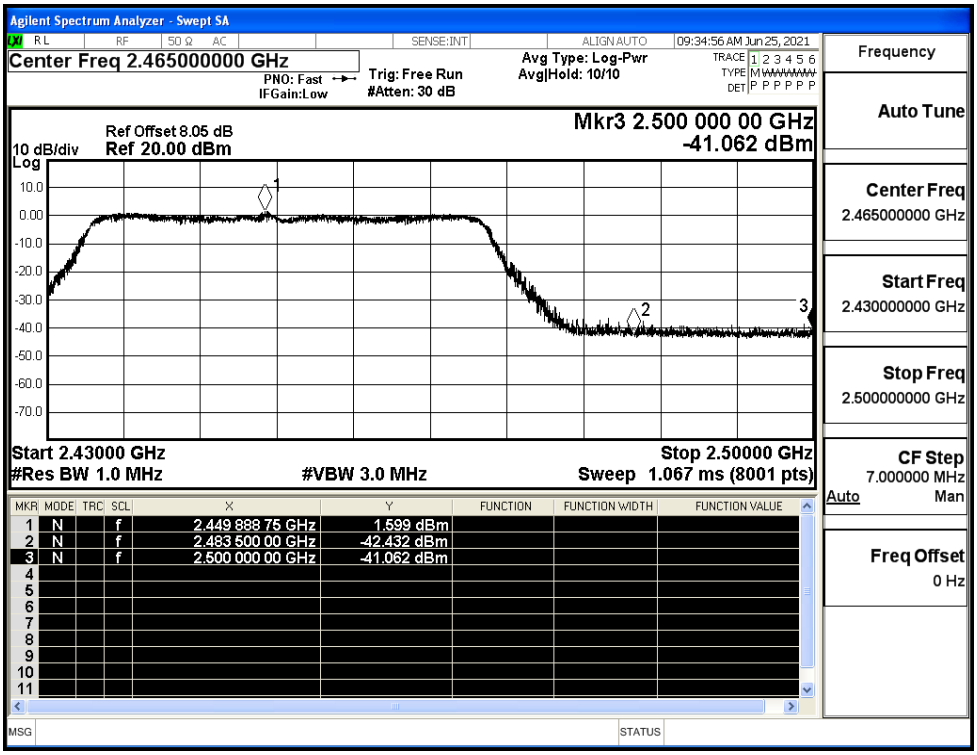
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



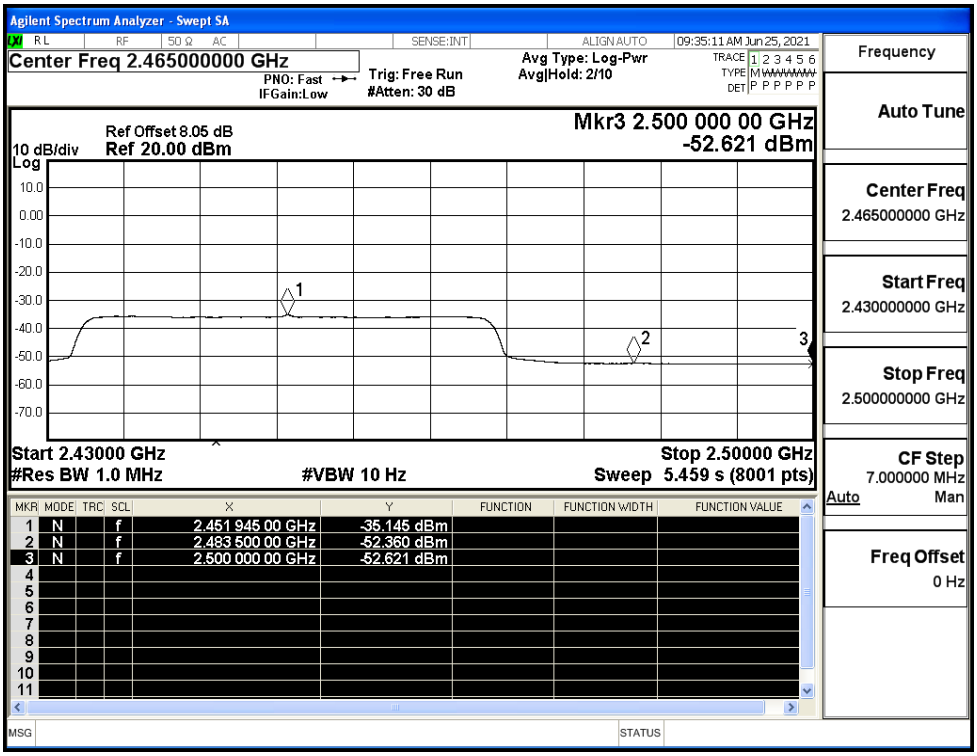
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV

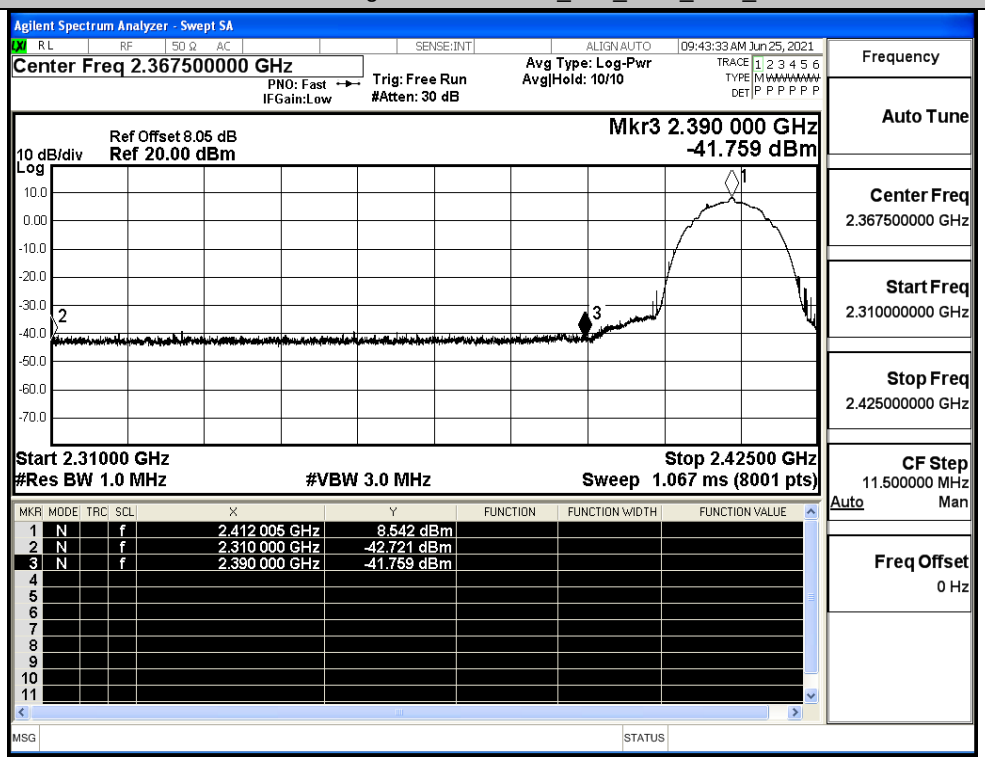


ANT1

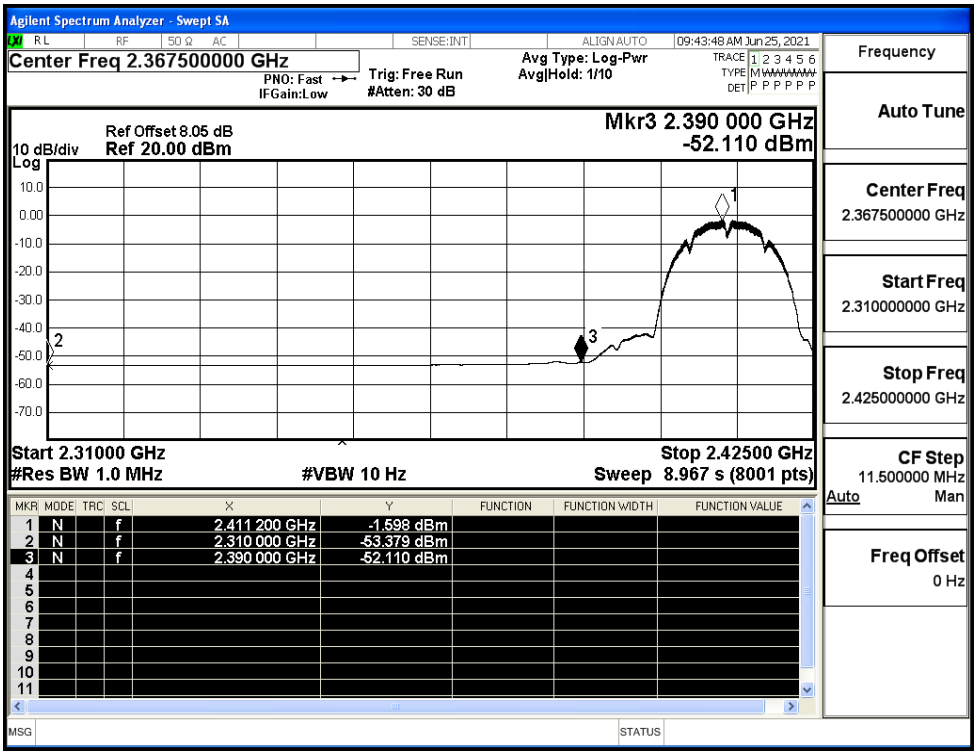
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-42.72	3.0	0	52.54	PEAK	74	PASS
	2412	Ant1	2310.0	-53.38	3.0	0	41.88	AV	54	PASS
	2412	Ant1	2390.0	-41.76	3.0	0	53.50	PEAK	74	PASS
	2412	Ant1	2390.0	-52.11	3.0	0	43.15	AV	54	PASS
	2462	Ant1	2483.5	-41.74	3.0	0	53.51	PEAK	74	PASS
	2462	Ant1	2483.5	-52.12	3.0	0	43.13	AV	54	PASS
	2462	Ant1	2500.0	-41.68	3.0	0	53.58	PEAK	74	PASS
	2462	Ant1	2500.0	-52.49	3.0	0	42.77	AV	54	PASS
11G	2412	Ant1	2310.0	-42.46	3.0	0	52.80	PEAK	74	PASS
	2412	Ant1	2310.0	-53.58	3.0	0	41.68	AV	54	PASS
	2412	Ant1	2390.0	-41.72	3.0	0	53.54	PEAK	74	PASS
	2412	Ant1	2390.0	-53.10	3.0	0	42.16	AV	54	PASS
	2462	Ant1	2483.5	-41.40	3.0	0	53.85	PEAK	74	PASS
	2462	Ant1	2483.5	-52.61	3.0	0	42.65	AV	54	PASS
	2462	Ant1	2500.0	-41.78	3.0	0	53.47	PEAK	74	PASS
	2462	Ant1	2500.0	-52.60	3.0	0	42.66	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-43.45	3.0	0	51.81	PEAK	74	PASS
	2412	Ant1	2310.0	-53.55	3.0	0	41.71	AV	54	PASS
	2412	Ant1	2390.0	-42.69	3.0	0	52.57	PEAK	74	PASS
	2412	Ant1	2390.0	-53.10	3.0	0	42.15	AV	54	PASS
	2462	Ant1	2483.5	-42.81	3.0	0	52.45	PEAK	74	PASS
	2462	Ant1	2483.5	-52.58	3.0	0	42.68	AV	54	PASS
	2462	Ant1	2500.0	-42.42	3.0	0	52.84	PEAK	74	PASS
	2462	Ant1	2500.0	-52.64	3.0	0	42.62	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-43.14	3.0	0	52.12	PEAK	74	PASS
	2422	Ant1	2310.0	-53.61	3.0	0	41.64	AV	54	PASS
	2422	Ant1	2390.0	-42.12	3.0	0	53.14	PEAK	74	PASS
	2422	Ant1	2390.0	-53.13	3.0	0	42.13	AV	54	PASS

	2452	Ant1	2483.5	-42.08	3.0	0	53.18	PEAK	74	PASS
	2452	Ant1	2483.5	-52.41	3.0	0	42.85	AV	54	PASS
	2452	Ant1	2500.0	-41.91	3.0	0	53.35	PEAK	74	PASS
	2452	Ant1	2500.0	-52.57	3.0	0	42.69	AV	54	PASS

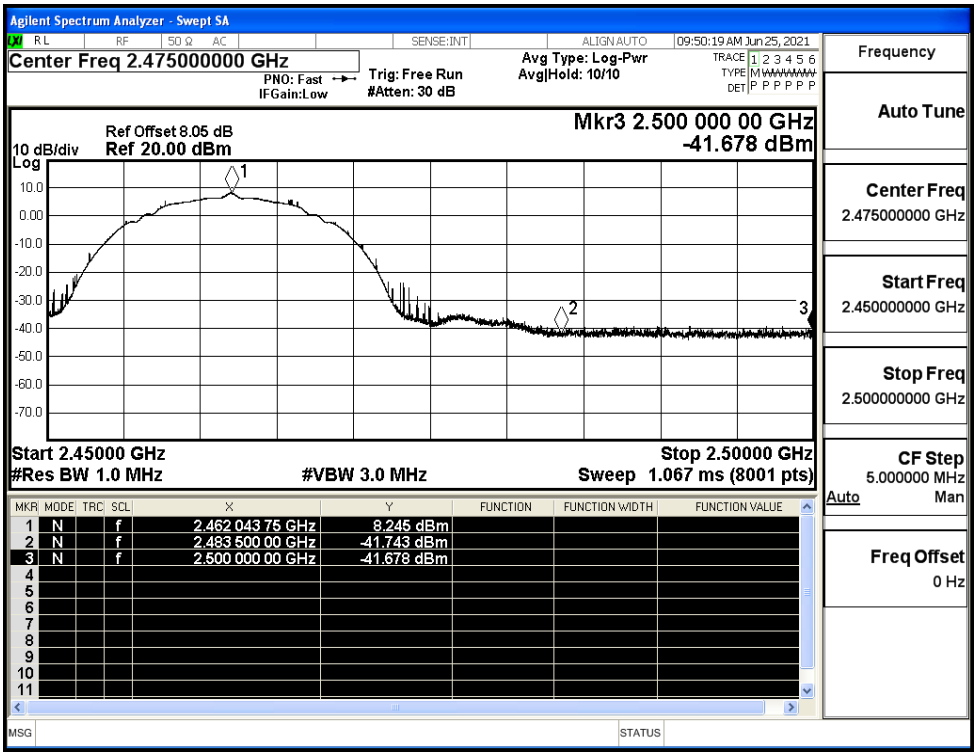
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



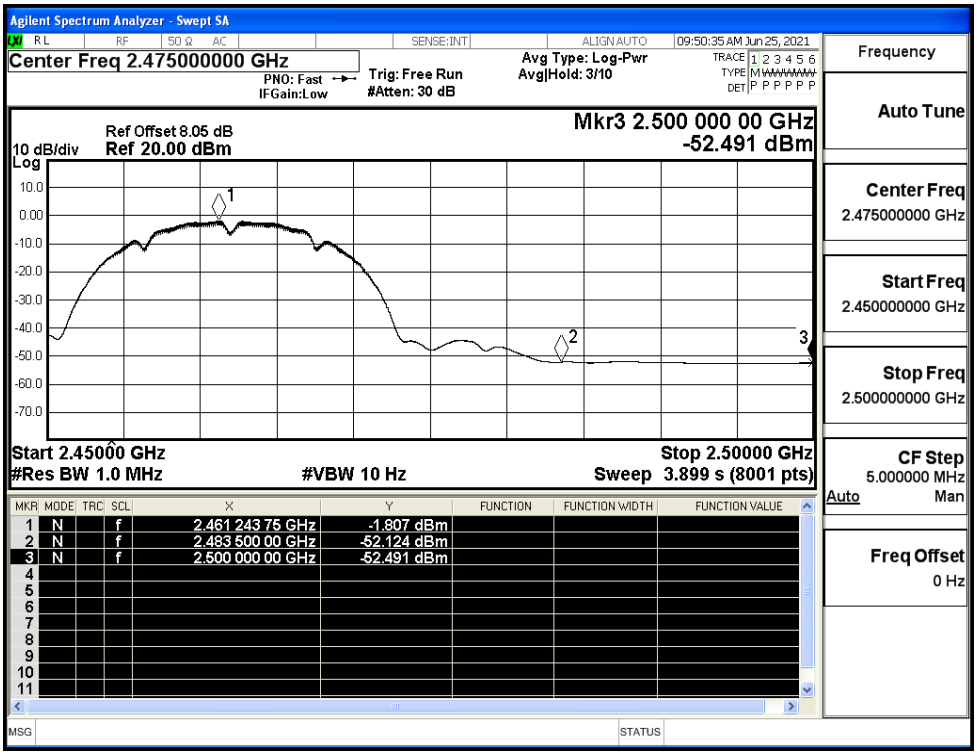
Restrict-band band-edge measurements_11B_2412_Ant1_AV



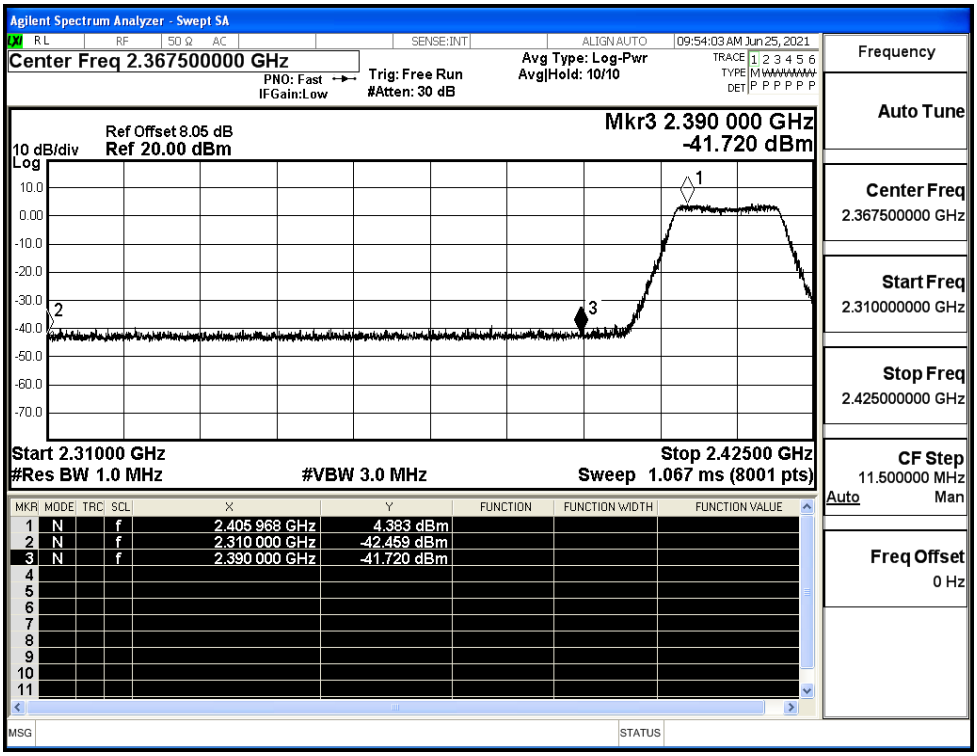
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



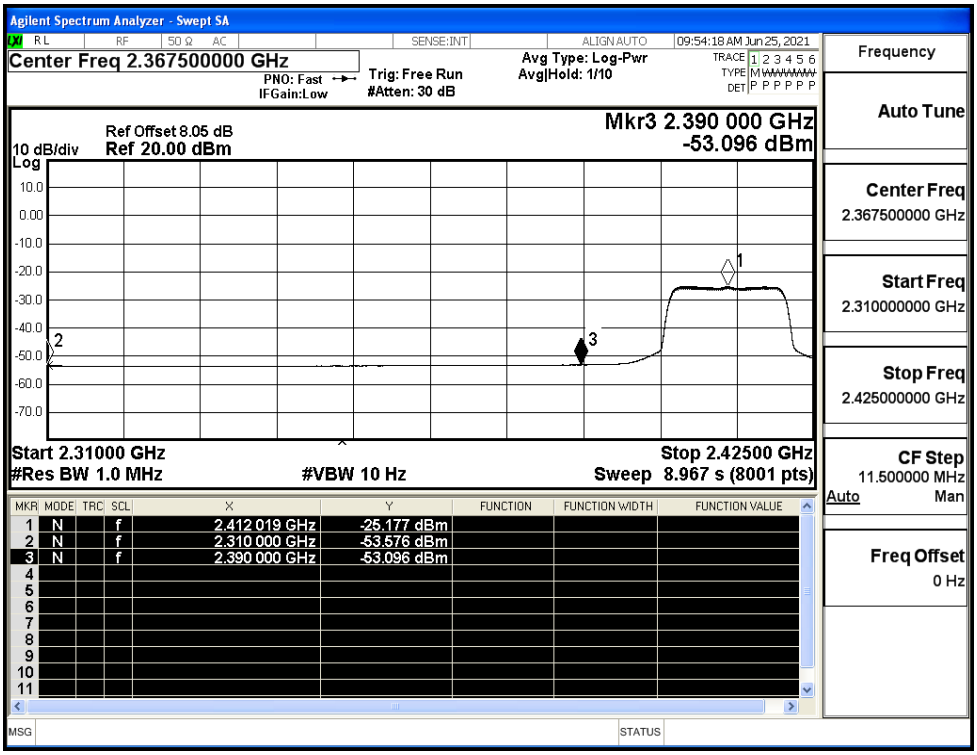
Restrict-band band-edge measurements_11B_2462_Ant1_AV



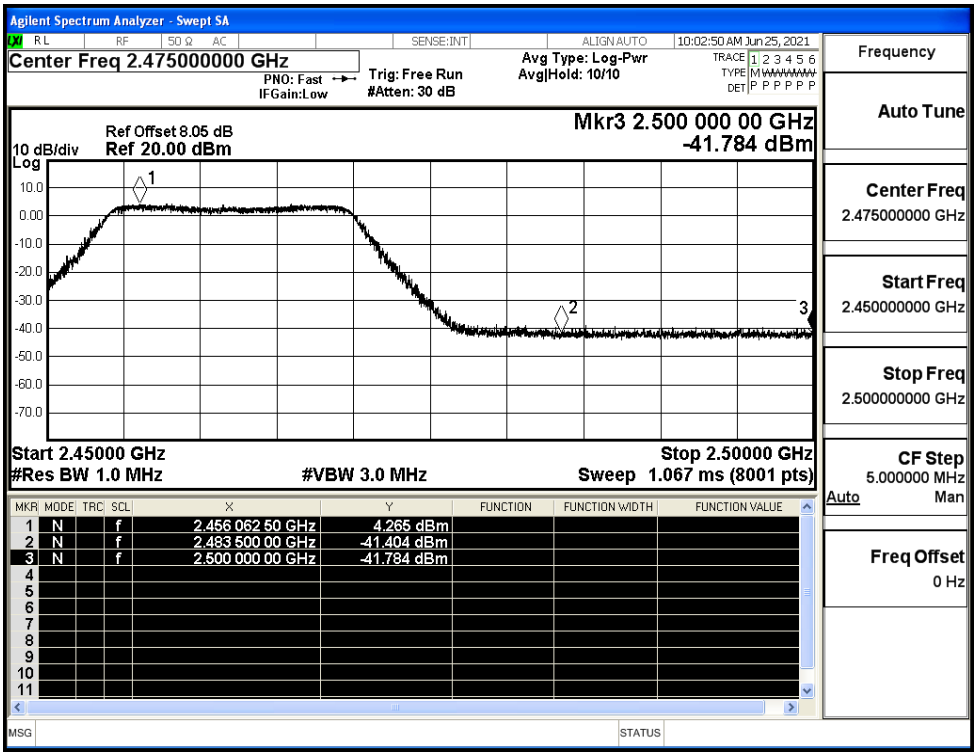
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



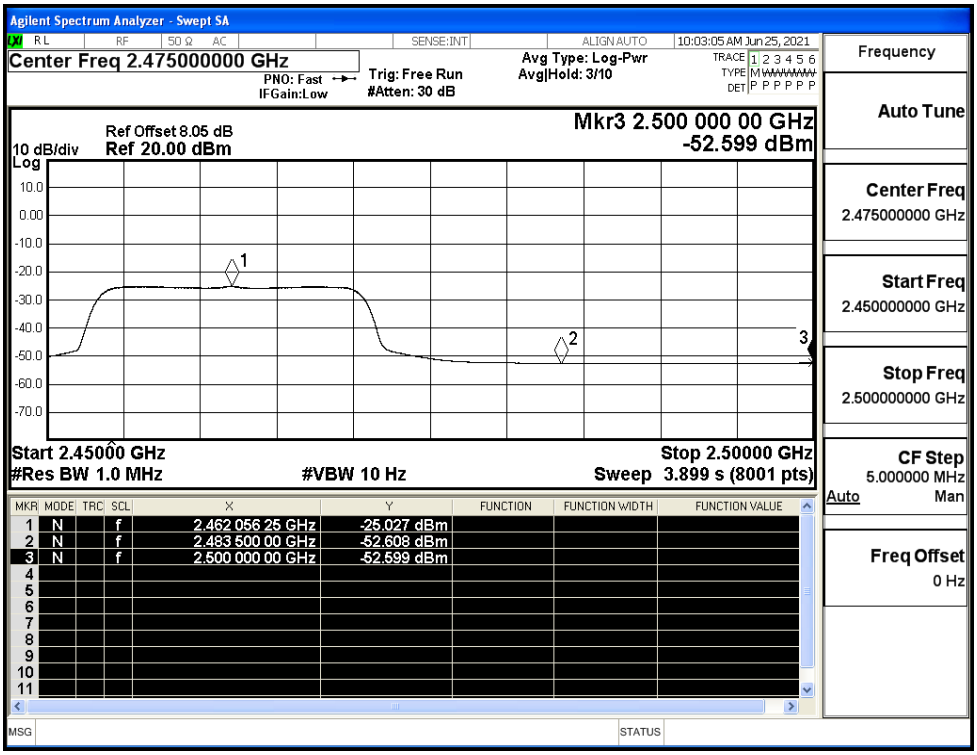
Restrict-band band-edge measurements_11G_2412_Ant1_AV



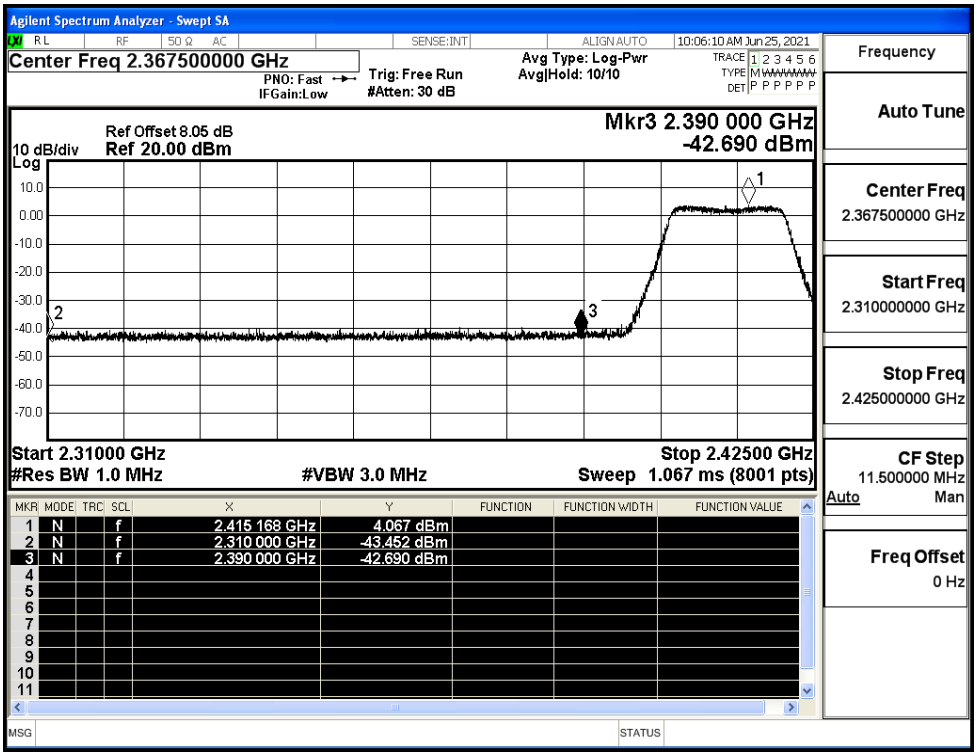
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



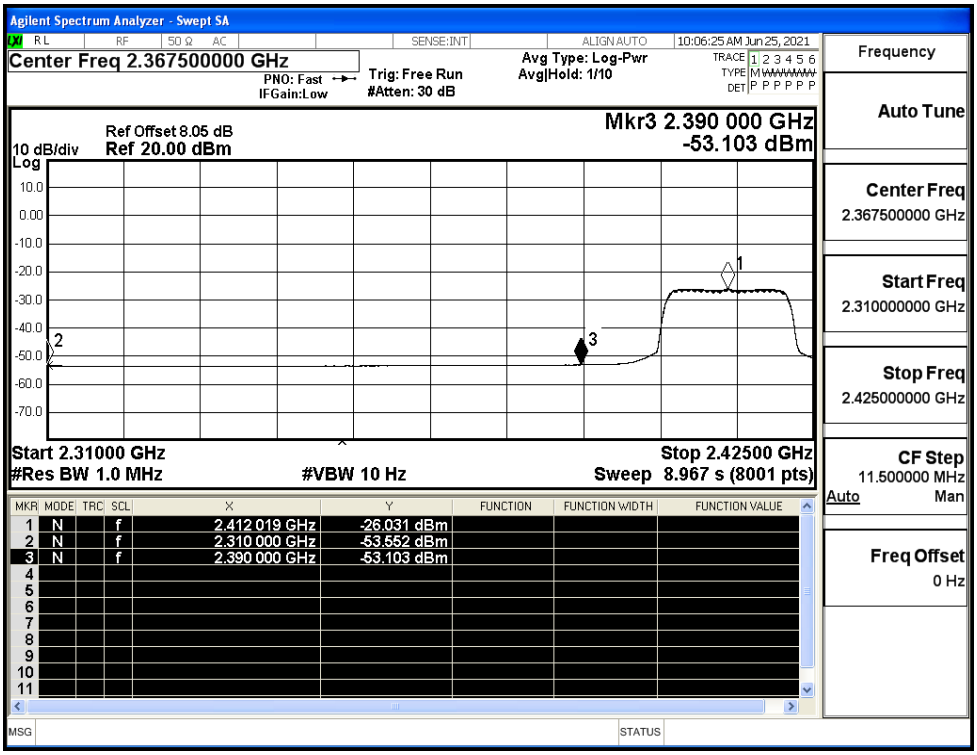
Restrict-band band-edge measurements_11G_2462_Ant1_AV



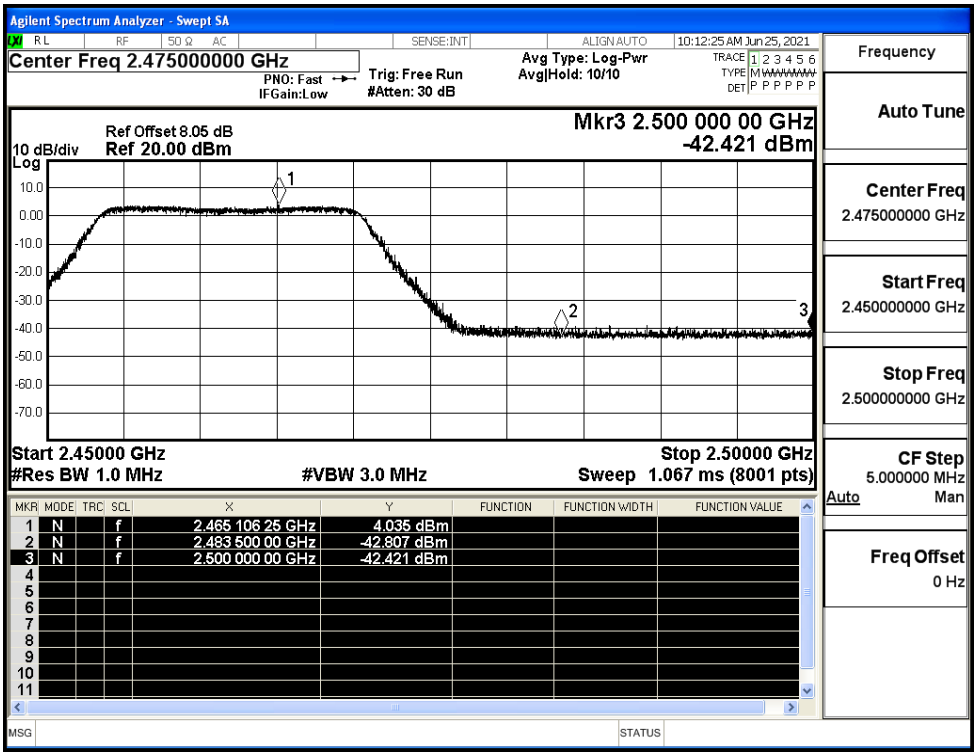
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



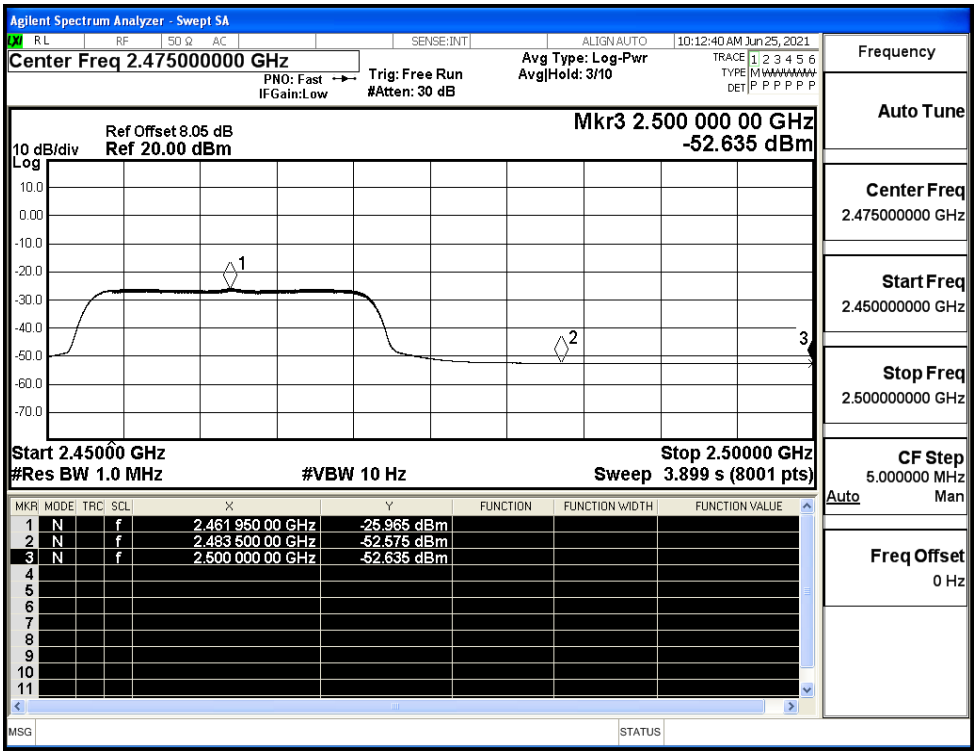
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



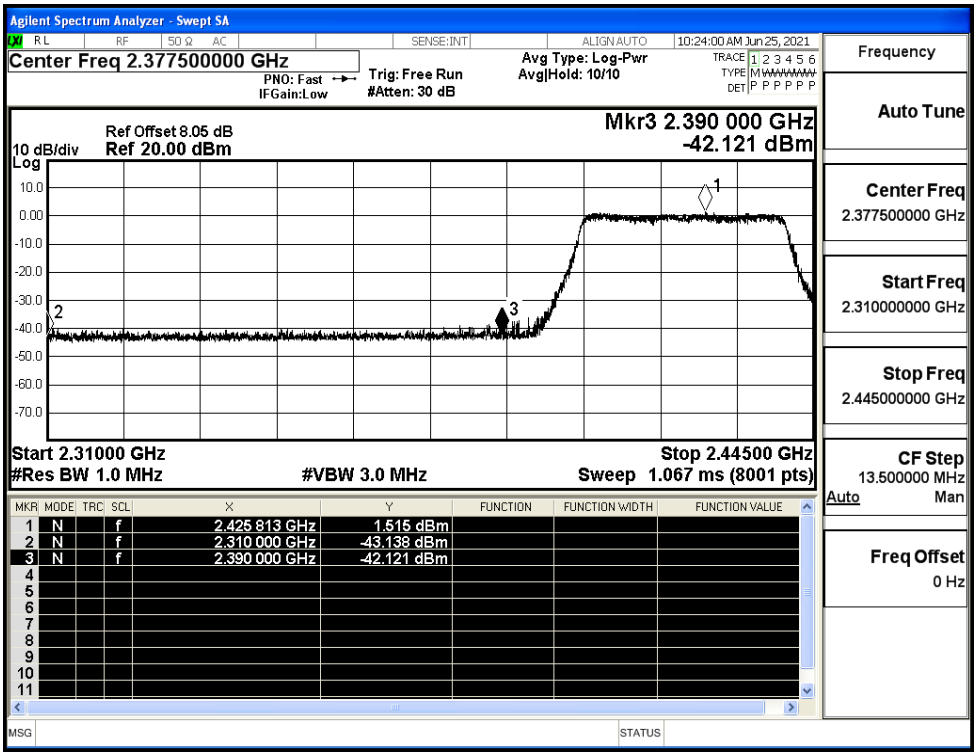
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



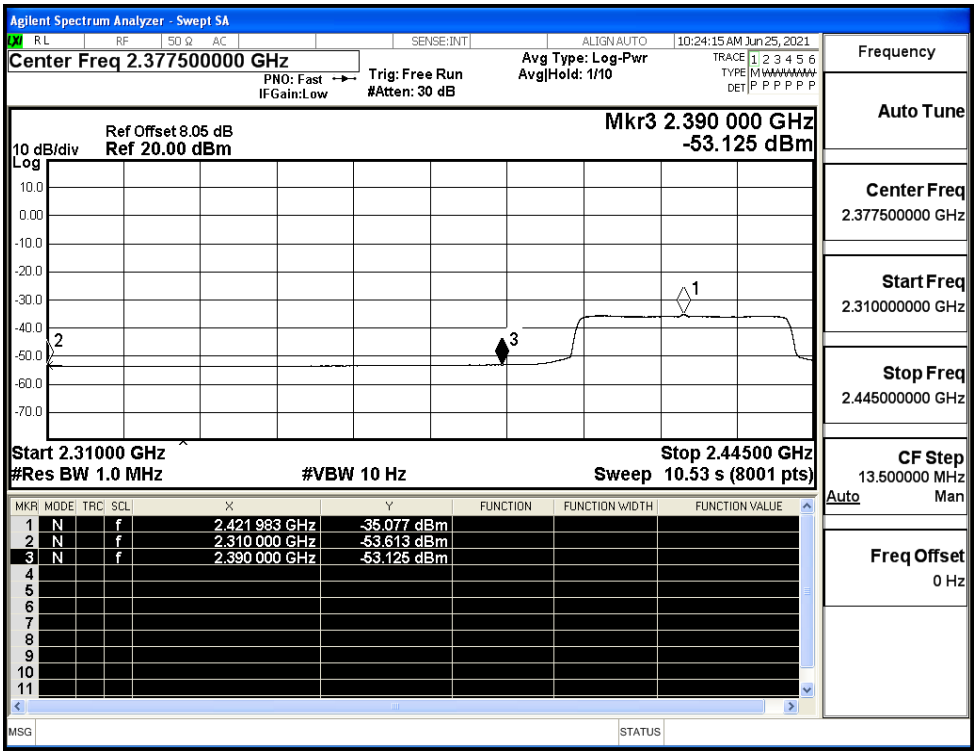
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



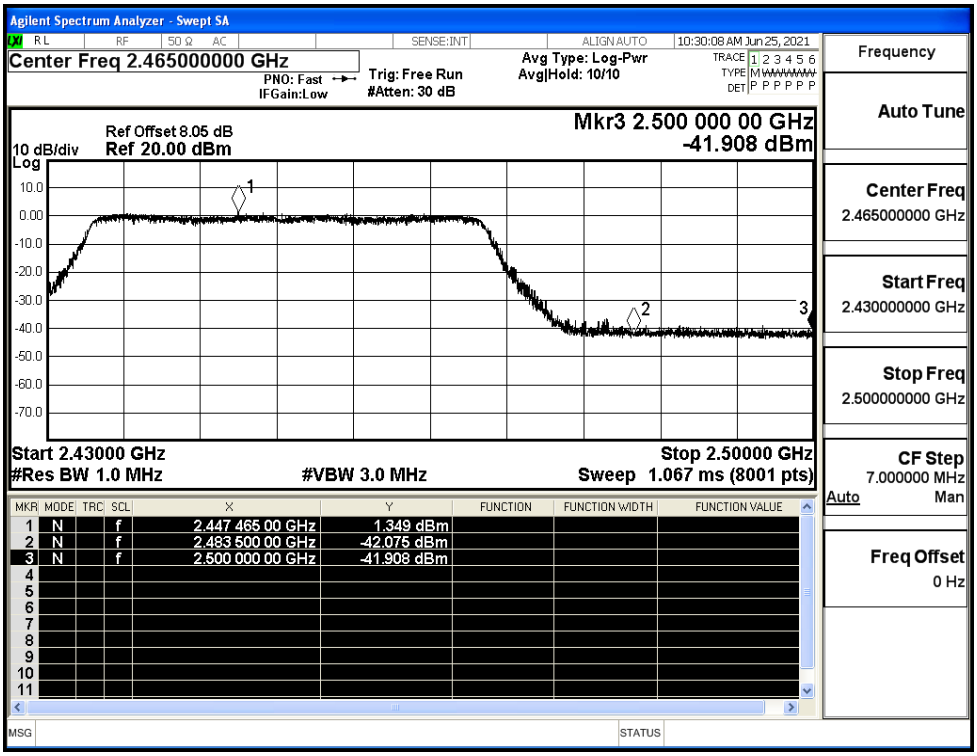
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



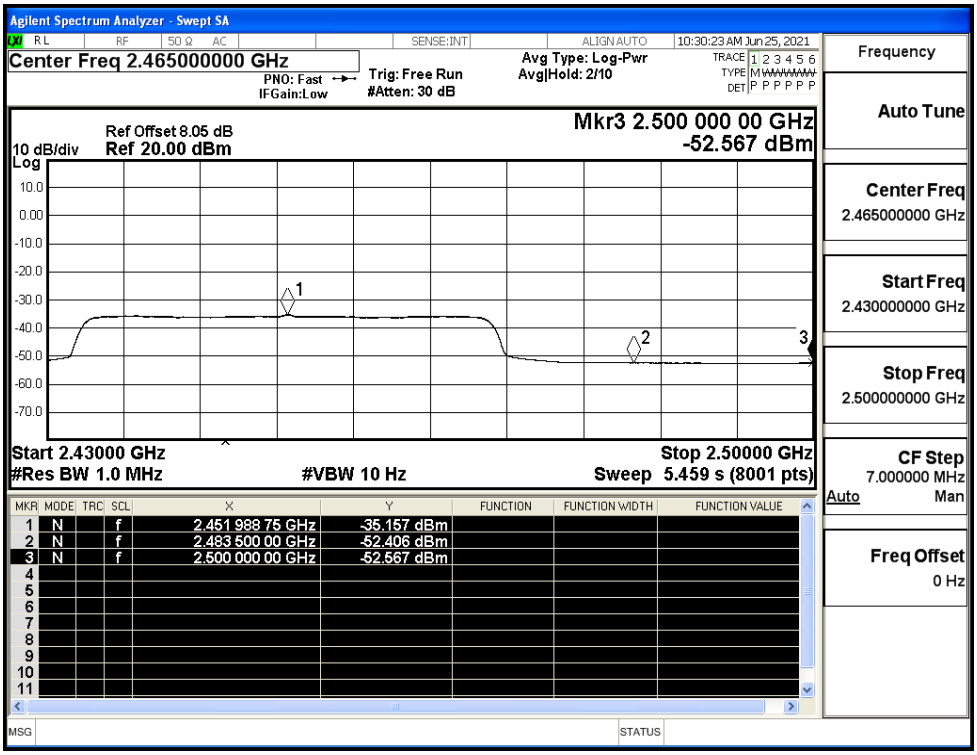
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.465000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 2/10
10:30:23 AM Jun 25, 2021
Ref Offset 8.05 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr3 2.500 000 00 GHz
-52.567 dBm
Start 2.43000 GHz
#Res BW 1.0 MHz
#VBW 10 Hz
Stop 2.50000 GHz
Sweep 5.459 s (8001 pts)
1 N f 2.451 988 75 GHz -35.157 dBm
2 N f 2.483 500 00 GHz -52.406 dBm
3 N f 2.500 000 00 GHz -52.567 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

Combined Ant_0 and Ant_1

Test Mode	Freq.	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2310.0	-41.62	-43.45	-39.43	6.01	0	61.81	Peak	74
	2310.0	-53.57	-53.55	-50.55	6.01	0	50.69	Average	54
	2390.0	-41.31	-42.69	-38.94	6.01	0	62.30	Peak	74
	2390.0	-52.91	-53.1	-49.99	6.01	0	51.25	Average	54
	2483.5	-41.43	-42.81	-39.06	6.01	0	62.18	Peak	74
	2483.5	-52.38	-52.58	-49.47	6.01	0	51.77	Average	54
	2500.0	-41.86	-42.42	-39.12	6.01	0	62.12	Peak	74
	2500.0	-52.52	-52.64	-49.57	6.01	0	51.67	Average	54
11N40 MIMO	2310.0	-42.25	-43.14	-39.66	6.01	0	61.58	Peak	74
	2310.0	-53.53	-53.61	-50.56	6.01	0	50.68	Average	54
	2390.0	-43.42	-42.12	-39.71	6.01	0	61.53	Peak	74
	2390.0	-53.09	-53.13	-50.10	6.01	0	51.14	Average	54
	2483.5	-42.43	-42.08	-39.24	6.01	0	62.00	Peak	74
	2483.5	-52.36	-52.41	-49.37	6.01	0	51.87	Average	54
	2500.0	-41.06	-41.91	-38.45	6.01	0	62.79	Peak	74
	2500.0	-52.62	-52.57	-49.58	6.01	0	51.66	Average	54