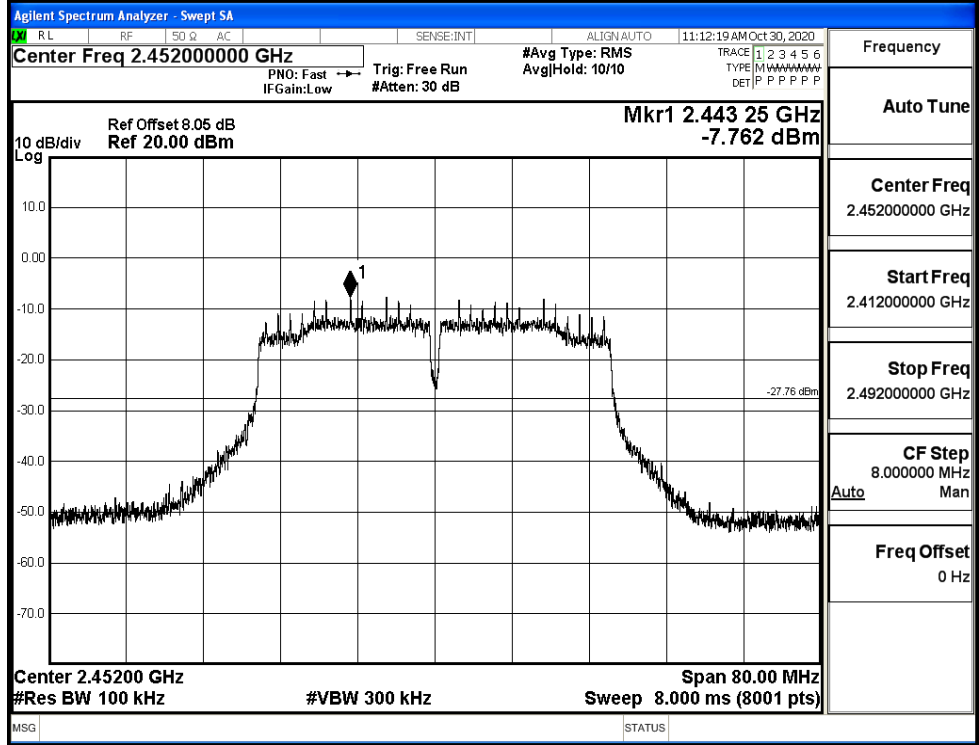
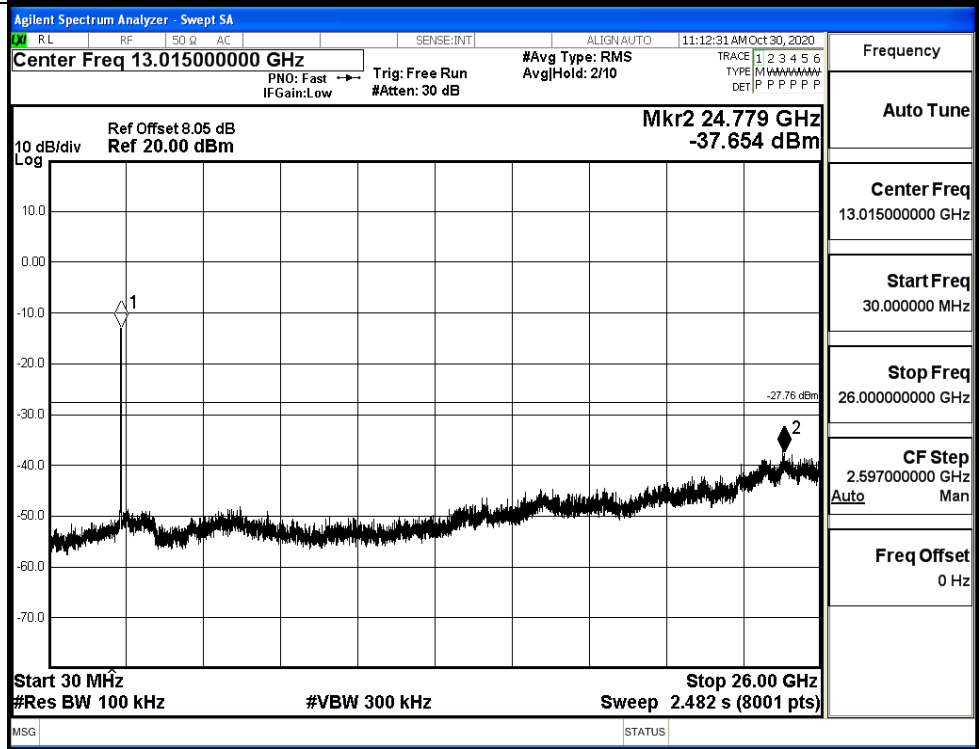


11N40SISO\_HCH\_Graphs

Pref/11N40  
SISO/HCH



Puw/11N40  
SISO/HCH

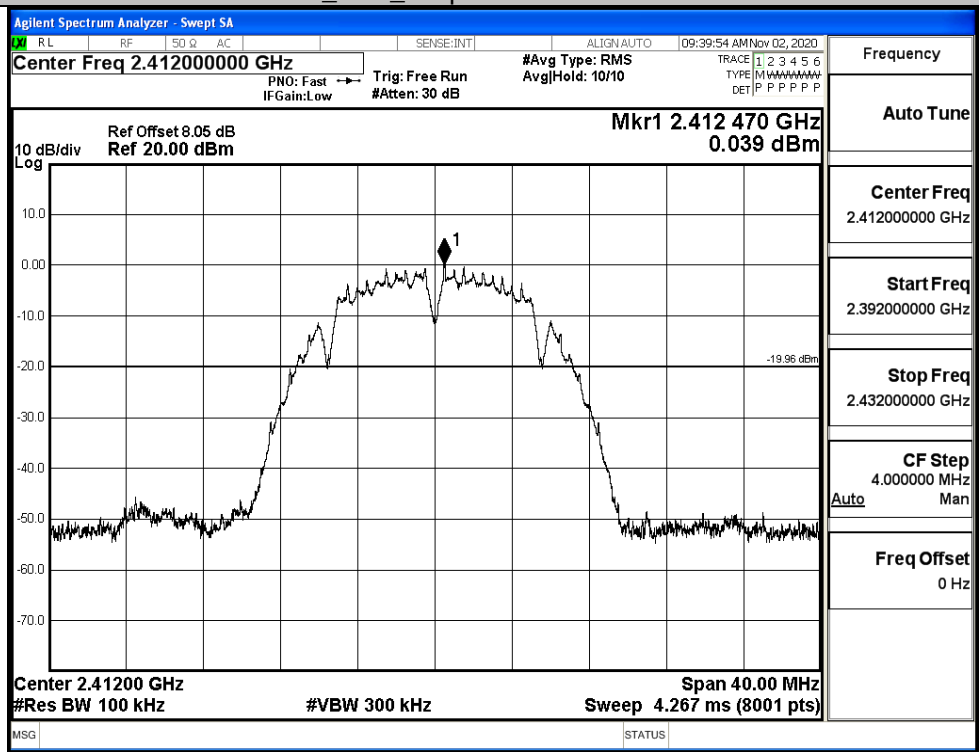


## ANT 1

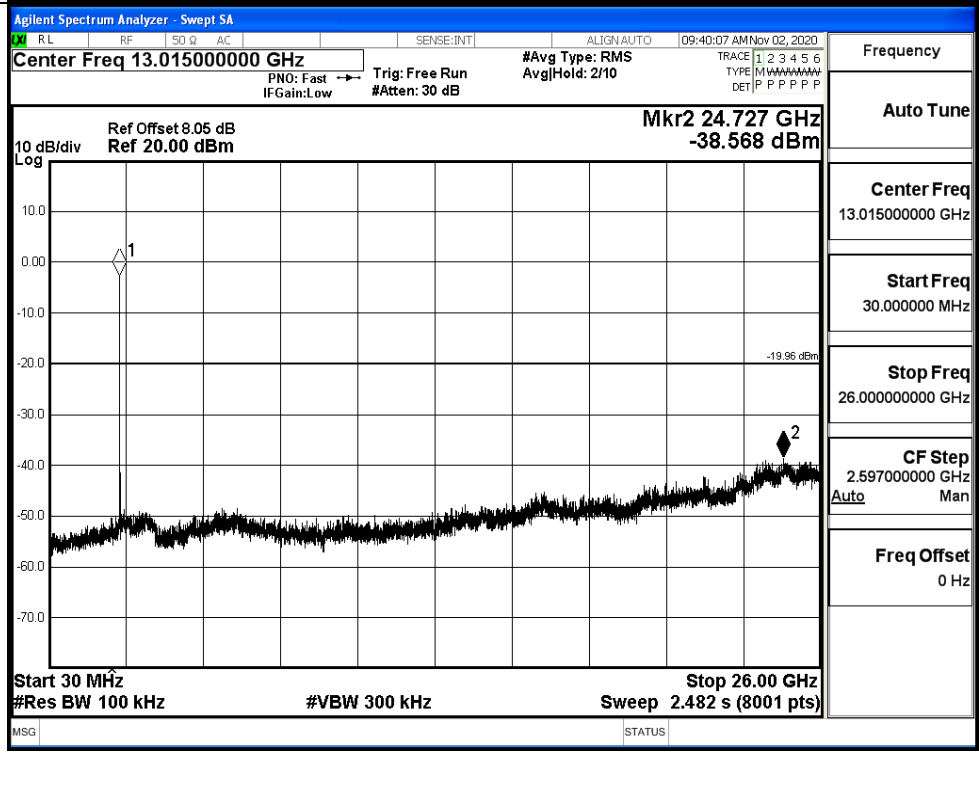
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.039	-38.568	-19.961	PASS
	MCH	-0.704	-39.050	-20.704	PASS
	HCH	0.755	-38.335	-19.245	PASS
11G	LCH	-5.466	-38.200	-25.466	PASS
	MCH	-5.711	-37.600	-25.711	PASS
	HCH	-5.154	-37.808	-25.154	PASS
11N20 SISO	LCH	-5.475	-38.481	-25.475	PASS
	MCH	-5.105	-36.760	-25.105	PASS
	HCH	-5.163	-37.892	-25.163	PASS
11N40 SISO	LCH	-8.762	-37.596	-28.762	PASS
	MCH	-8.581	-37.965	-28.581	PASS
	HCH	-8.812	-38.041	-28.812	PASS

11B\_LCH\_Graphs

Pref/11B/LCH

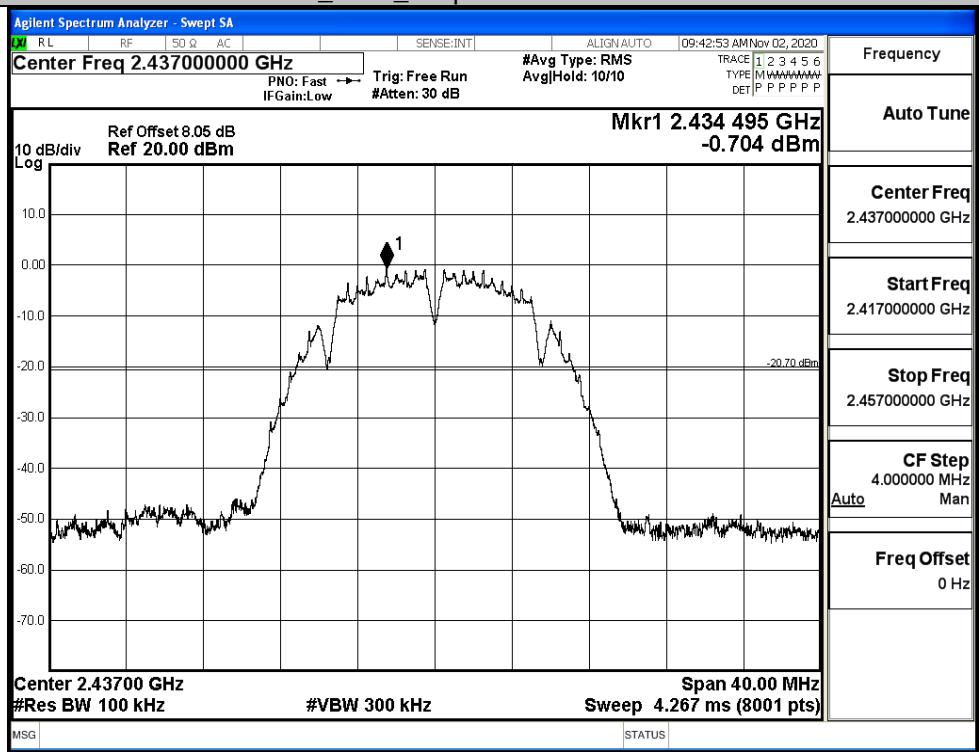


Puw/11B/LCH

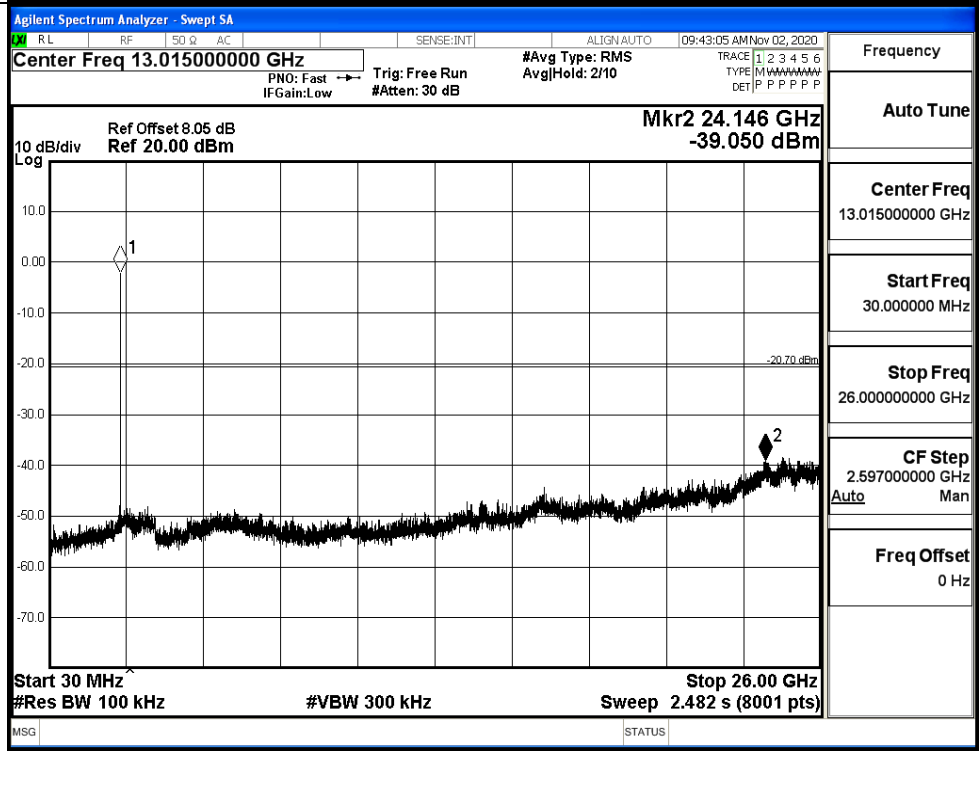


11B\_MCH\_Graphs

Pref/11B/MCH

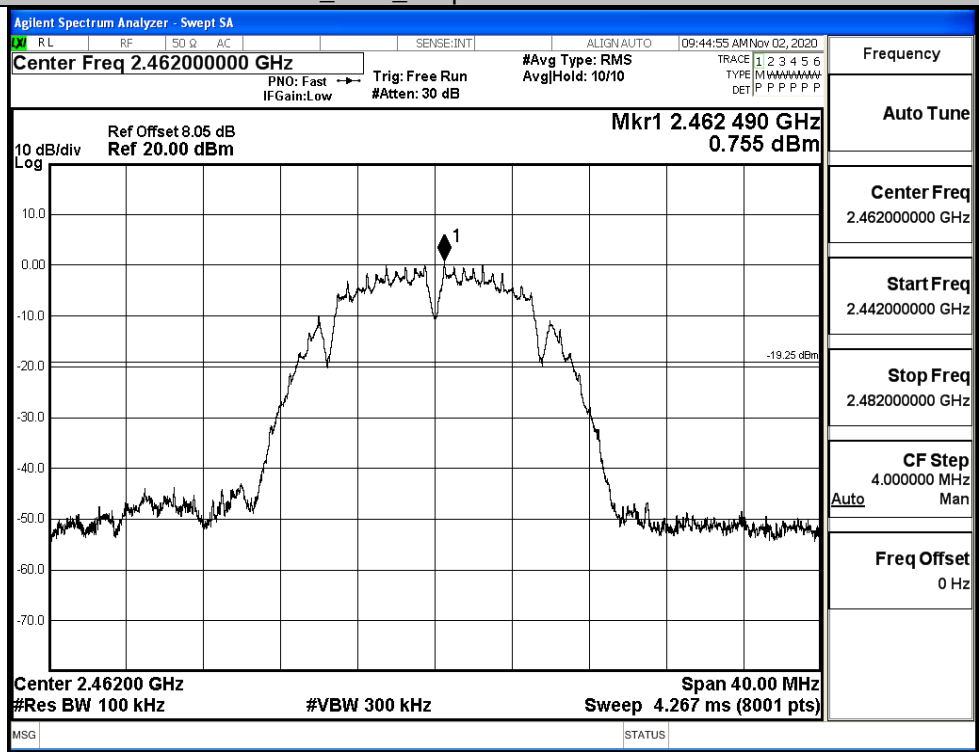


Puw/11B/MCH

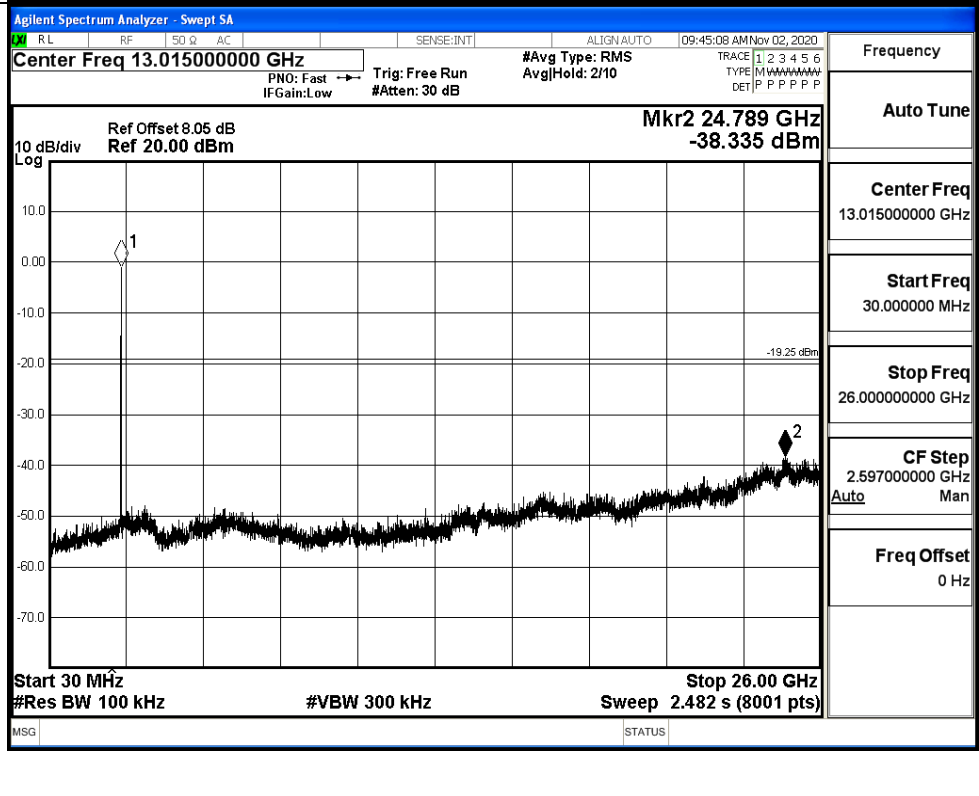


11B\_HCH\_Graphs

Pref/11B/HCH

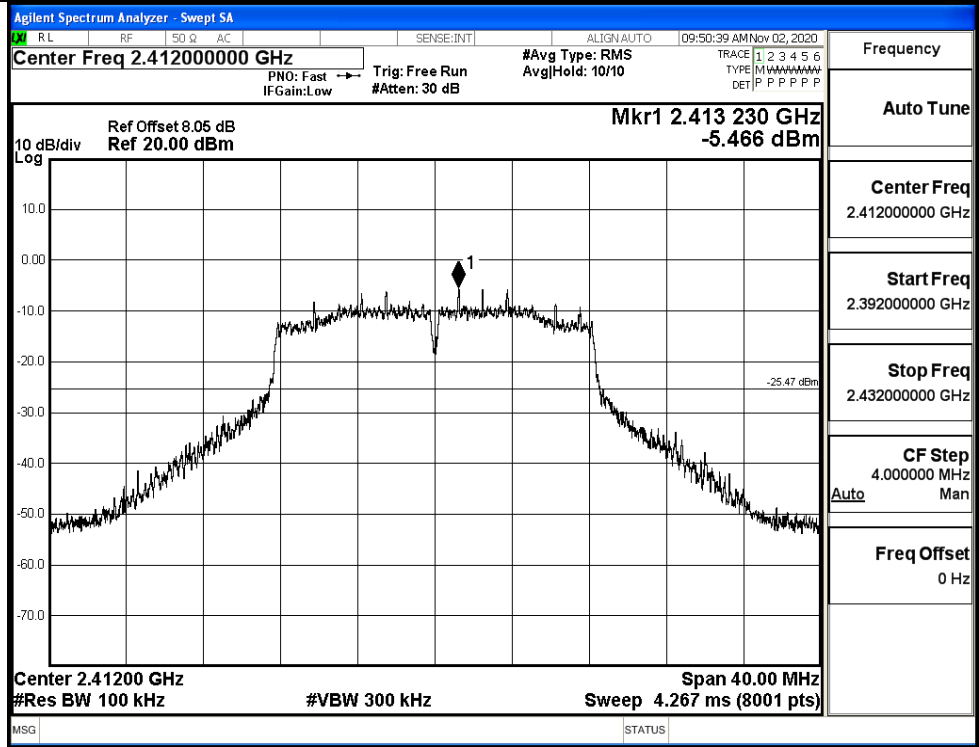


Puw/11B/HCH

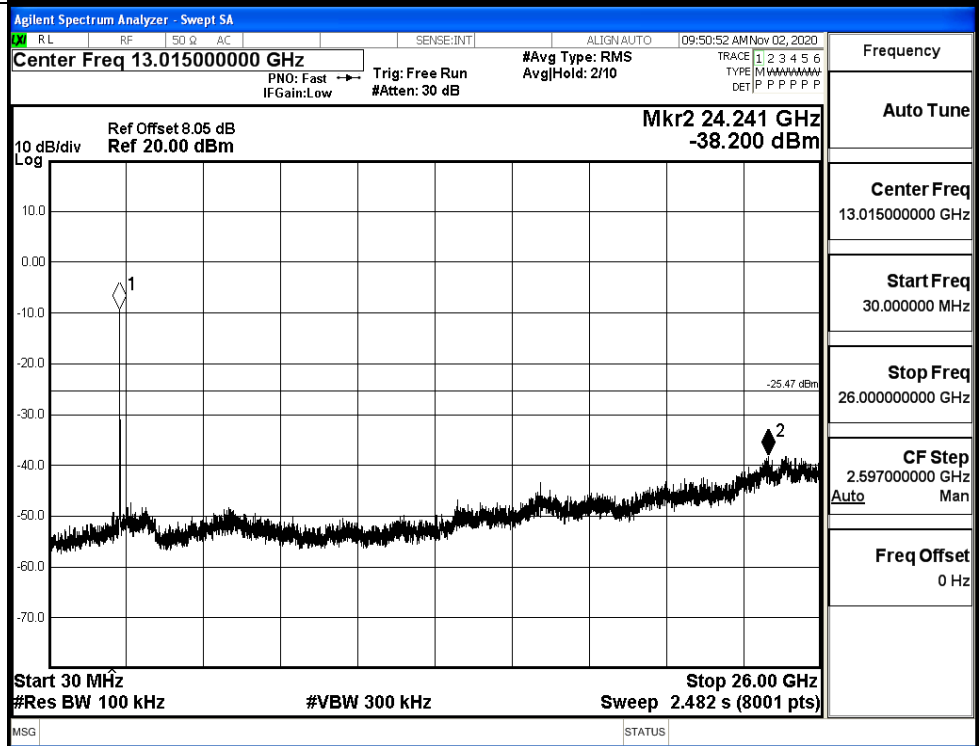


11G\_LCH\_Graphs

Pref/11G/LCH

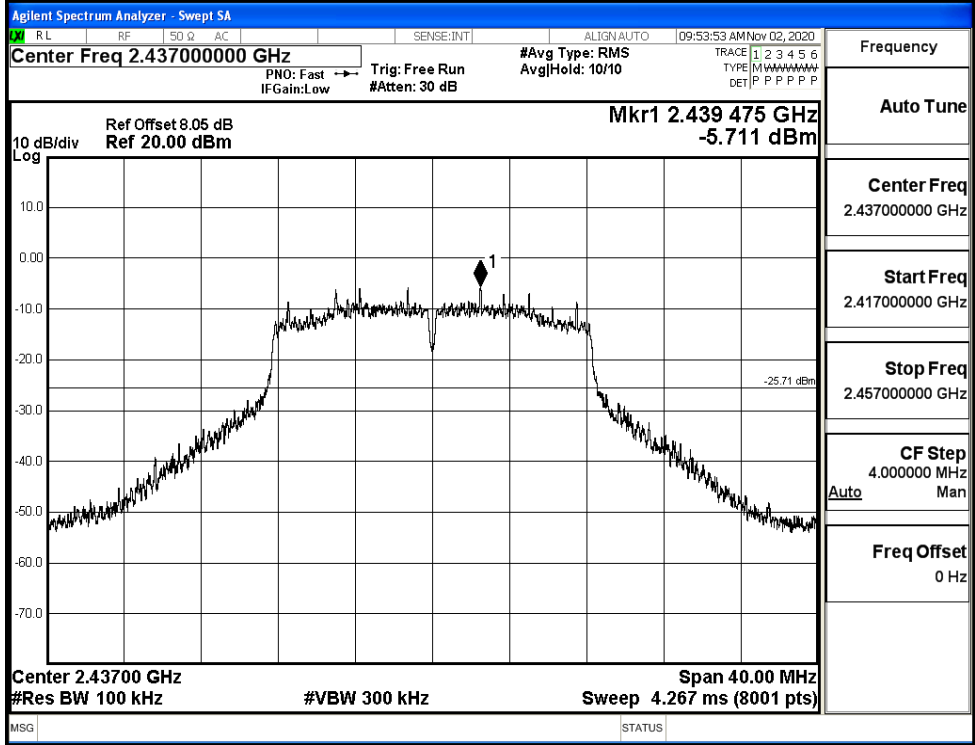


Puw/11G/LCH

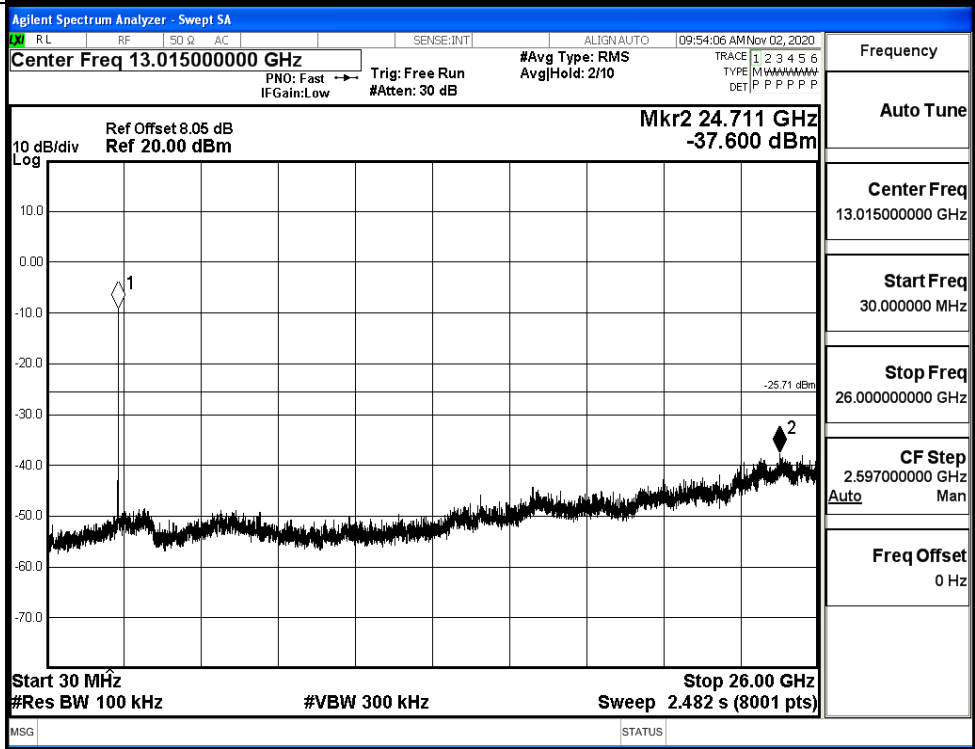


11G\_MCH\_Graphs

Pref/11G/MCH

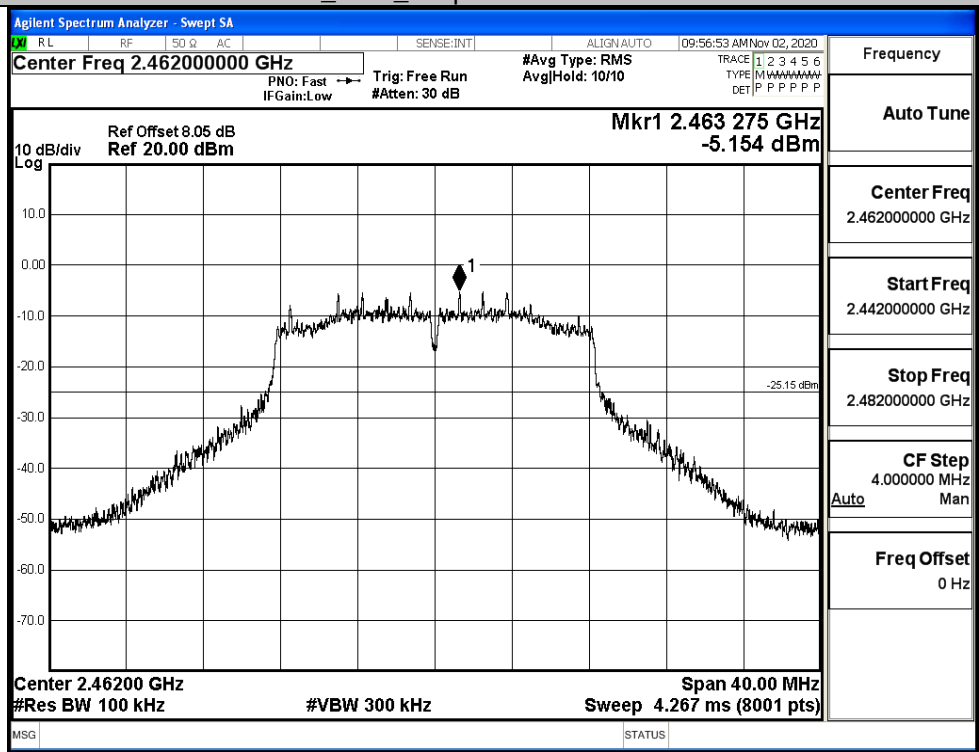


Puw/11G/MCH

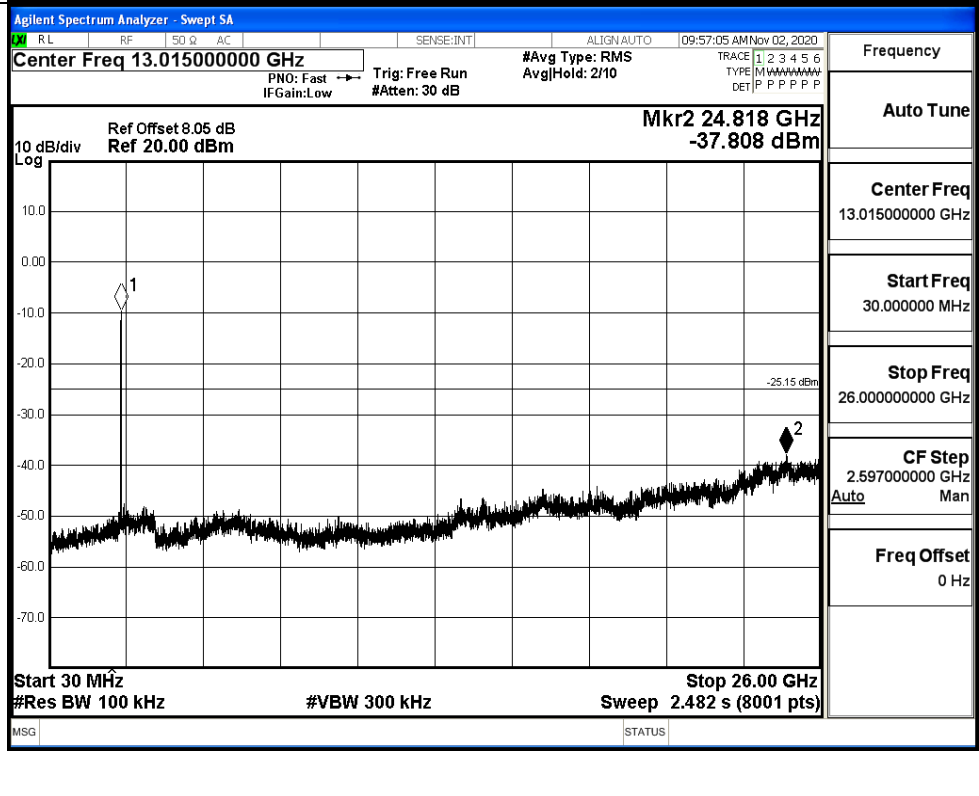


11G\_HCH\_Graphs

Pref/11G/HCH



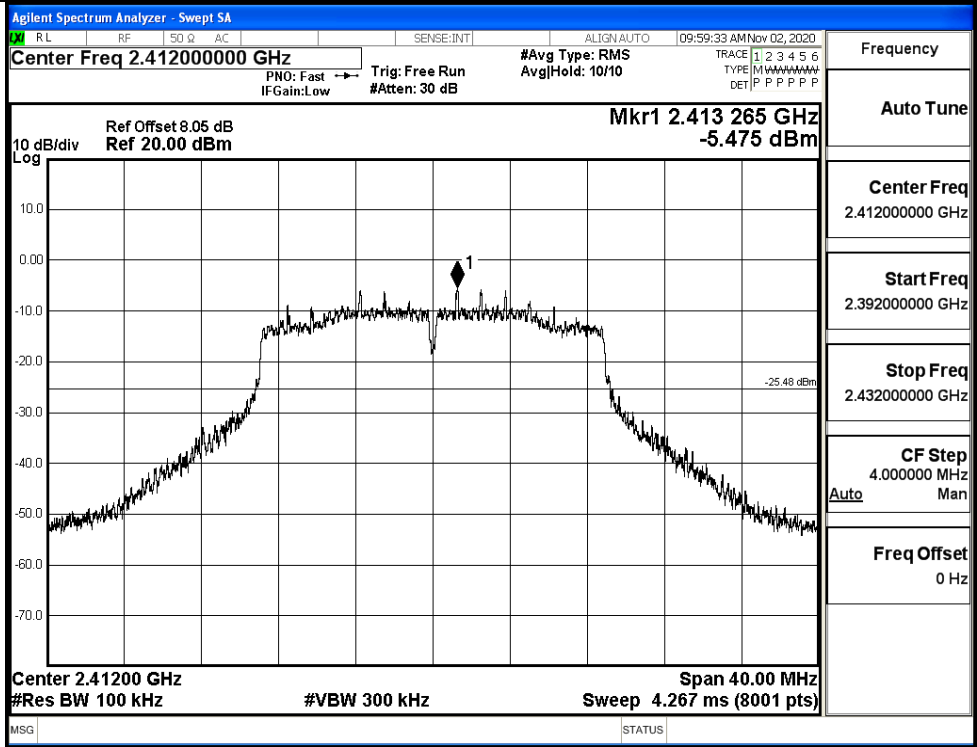
Puw/11G/HCH



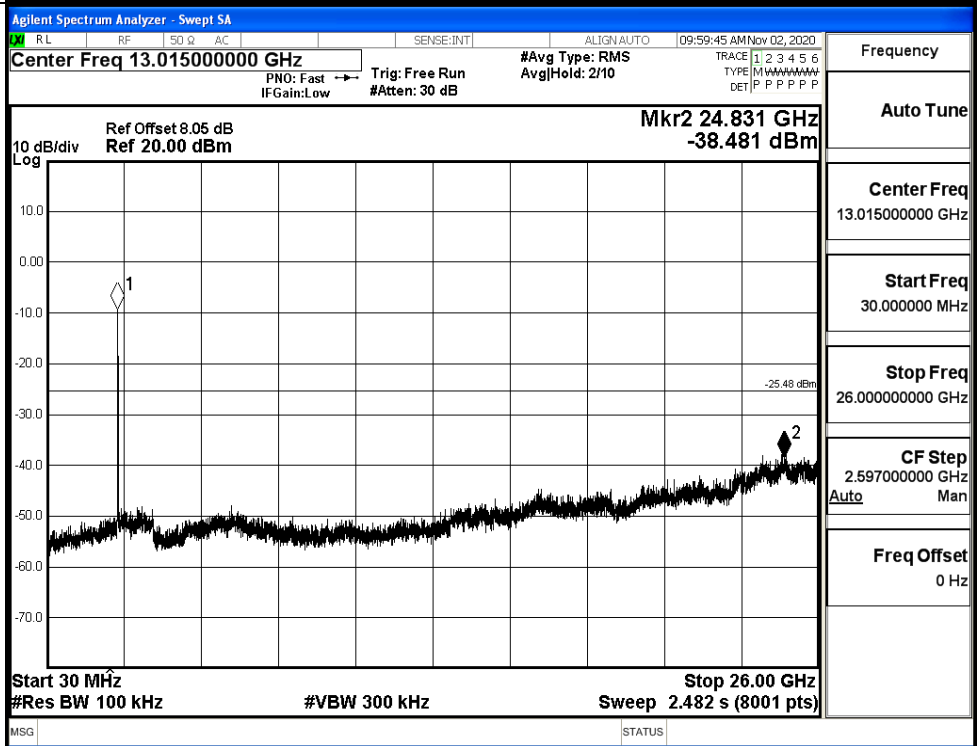


11N20SISO\_LCH\_Graphs

Pref/11N20SIS  
O/LCH

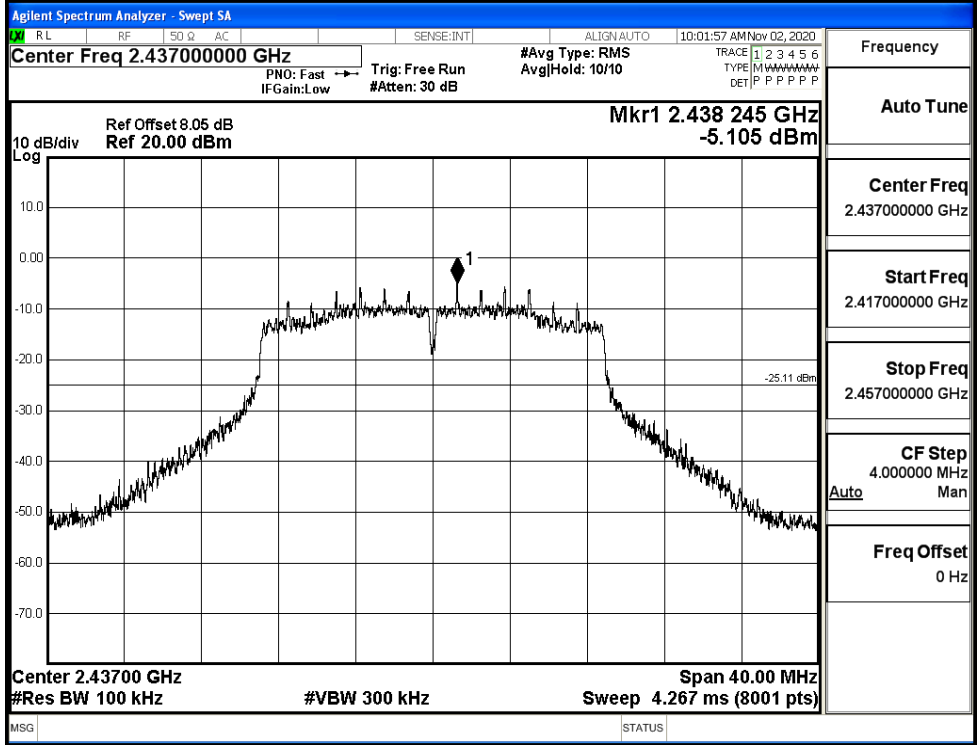


Puw/11N20  
SISO/LCH

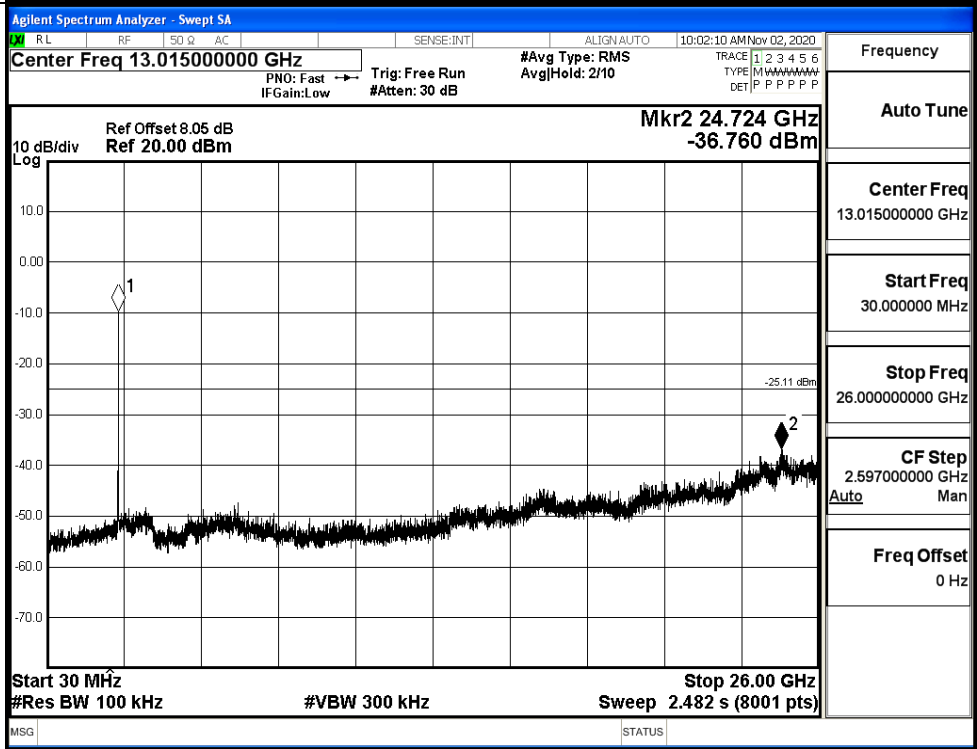


11N20SISO\_MCH\_Graphs

Pref/11N20  
SISO/MCH

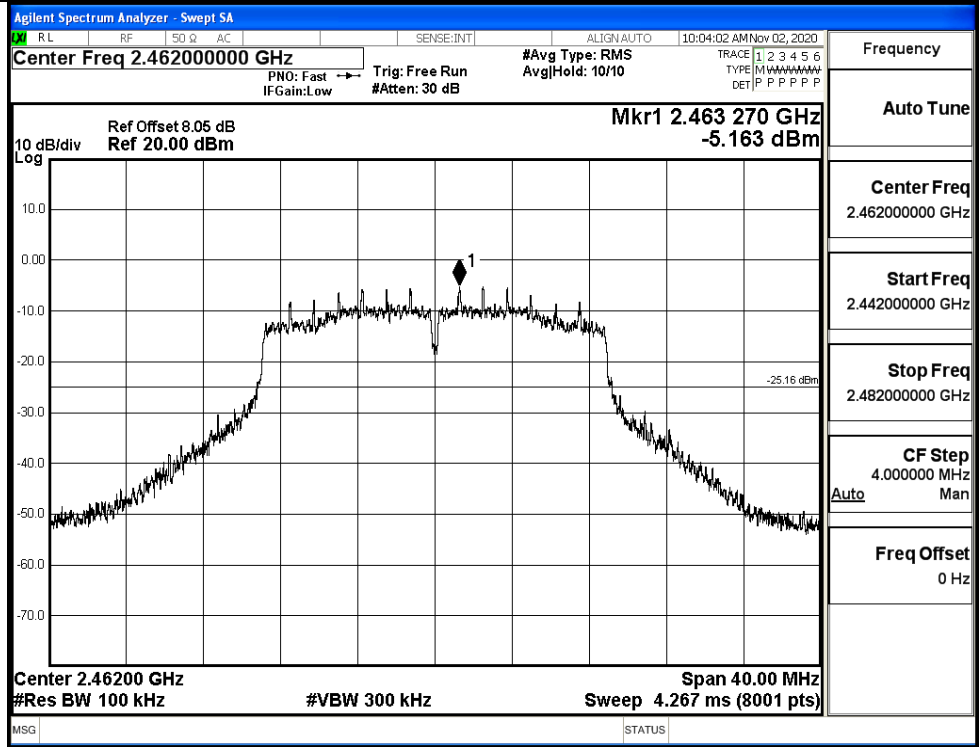


Puw/11N20  
SISO/MCH

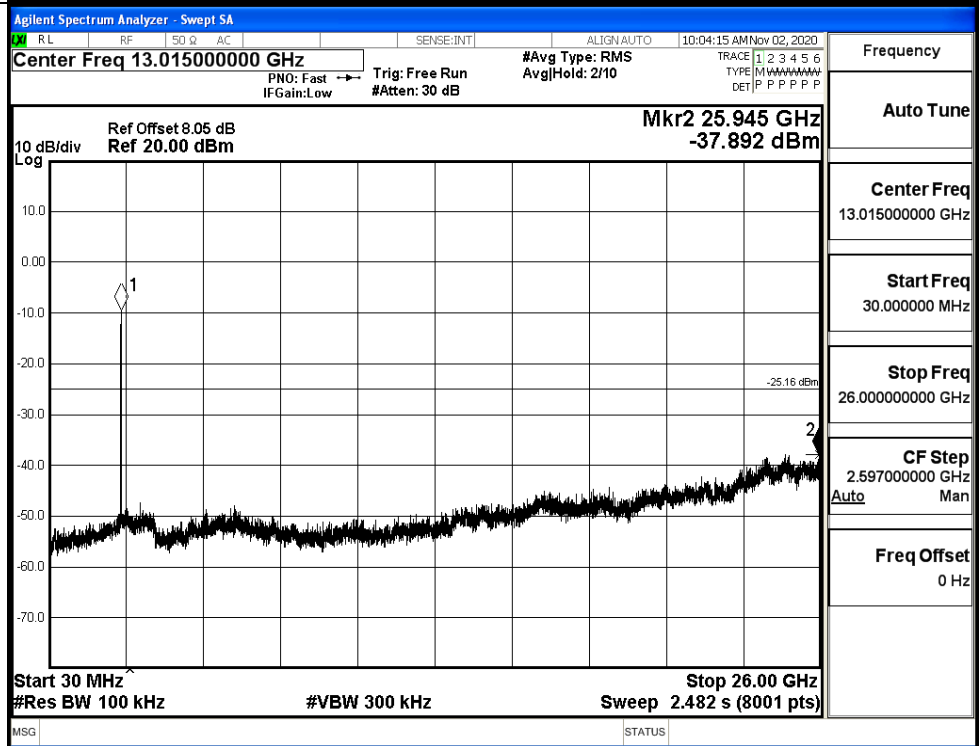


11N20SISO\_HCH\_Graphs

Pref/11N20  
SISO/HCH

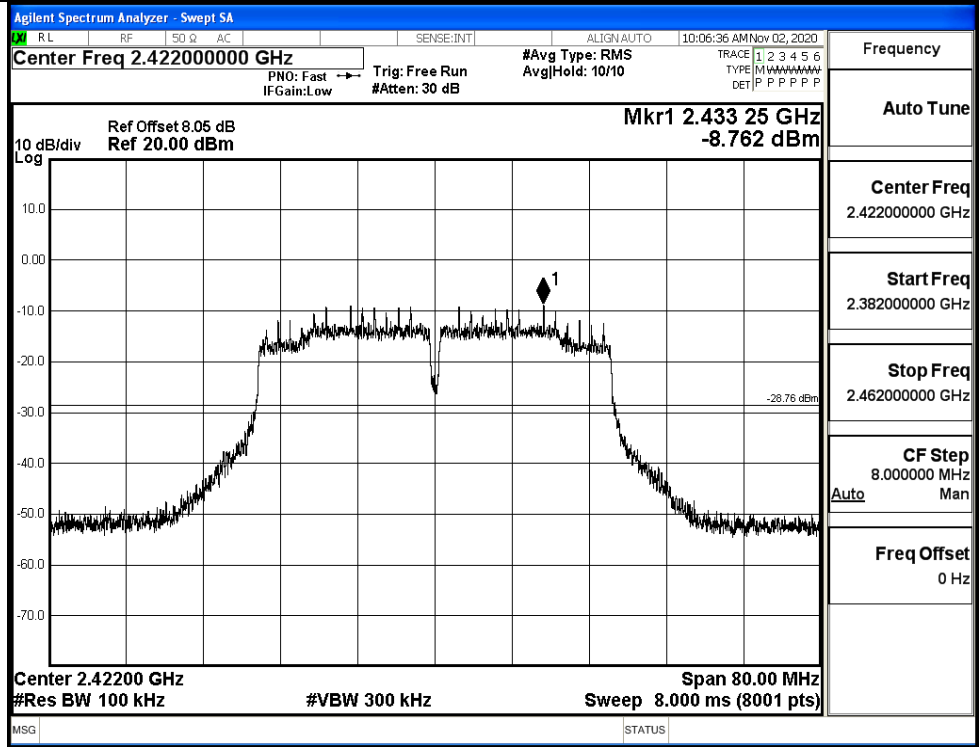


Puw/11N20  
SISO/HCH

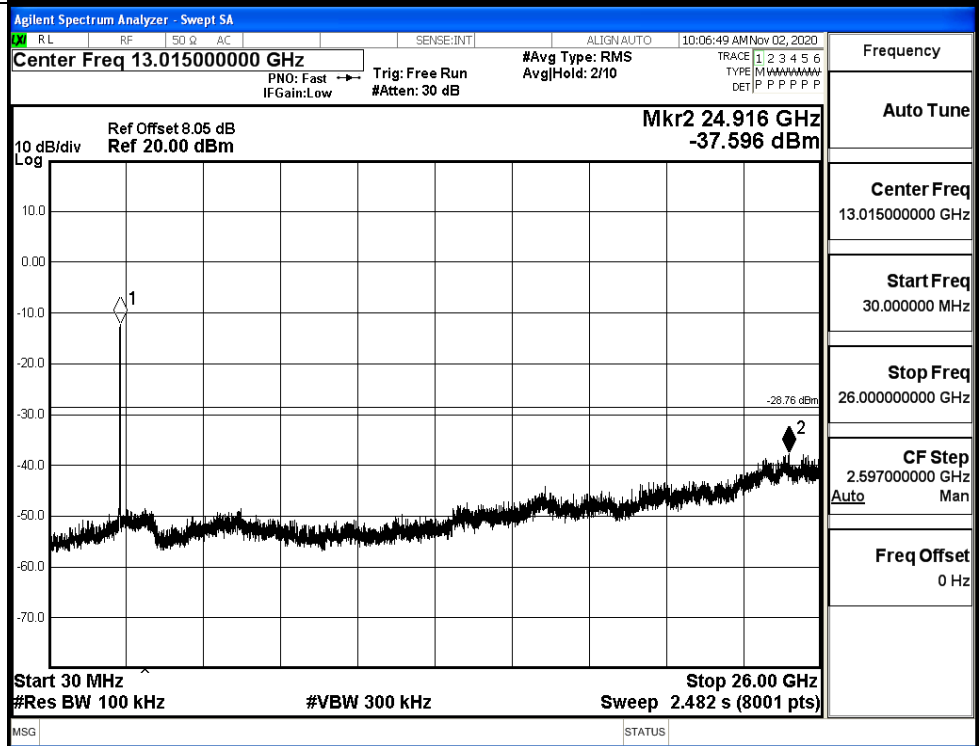


11N40SISO\_LCH\_Graphs

Pref/11N40  
SISO/LCH

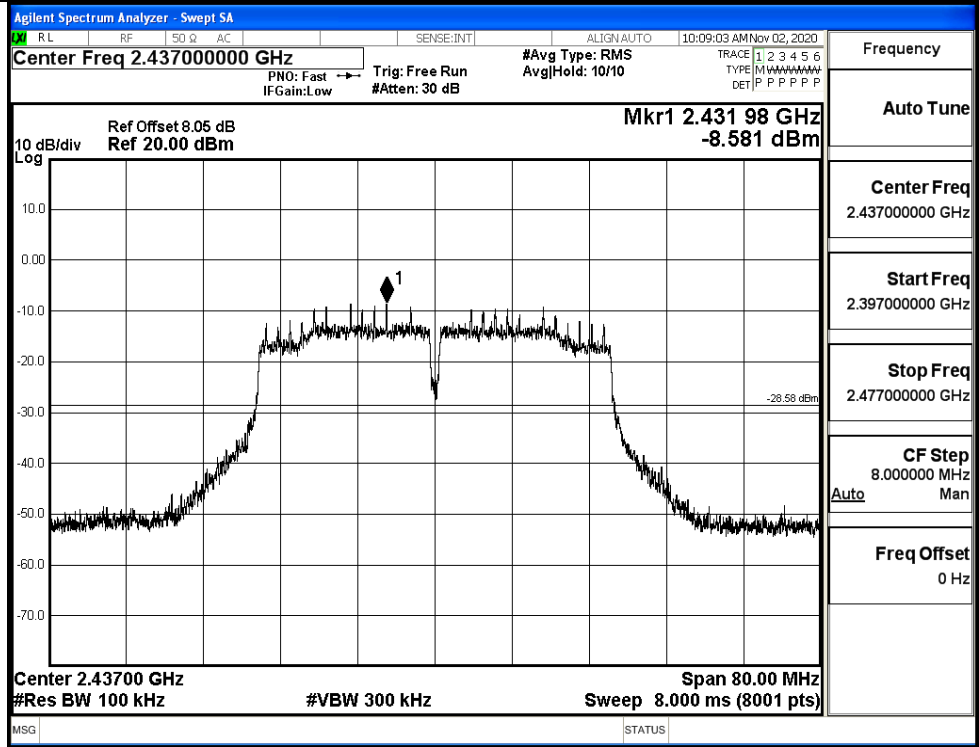


Puw/11N40  
SISO/LCH

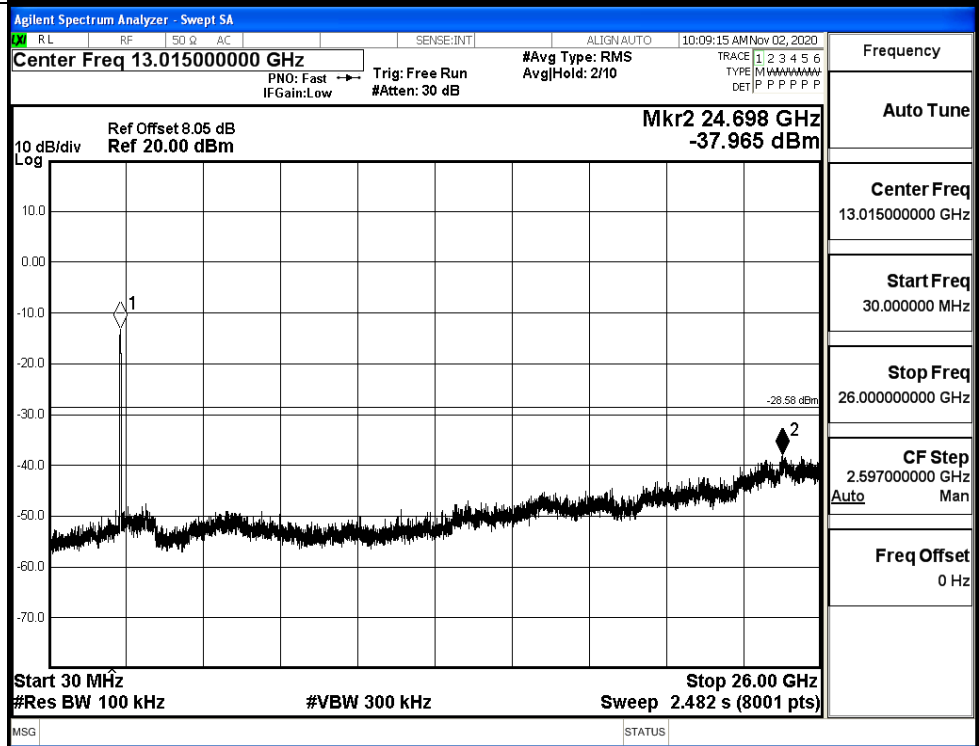


11N40SISO\_MCH\_Graphs

Pref/11N40  
SISO/MCH

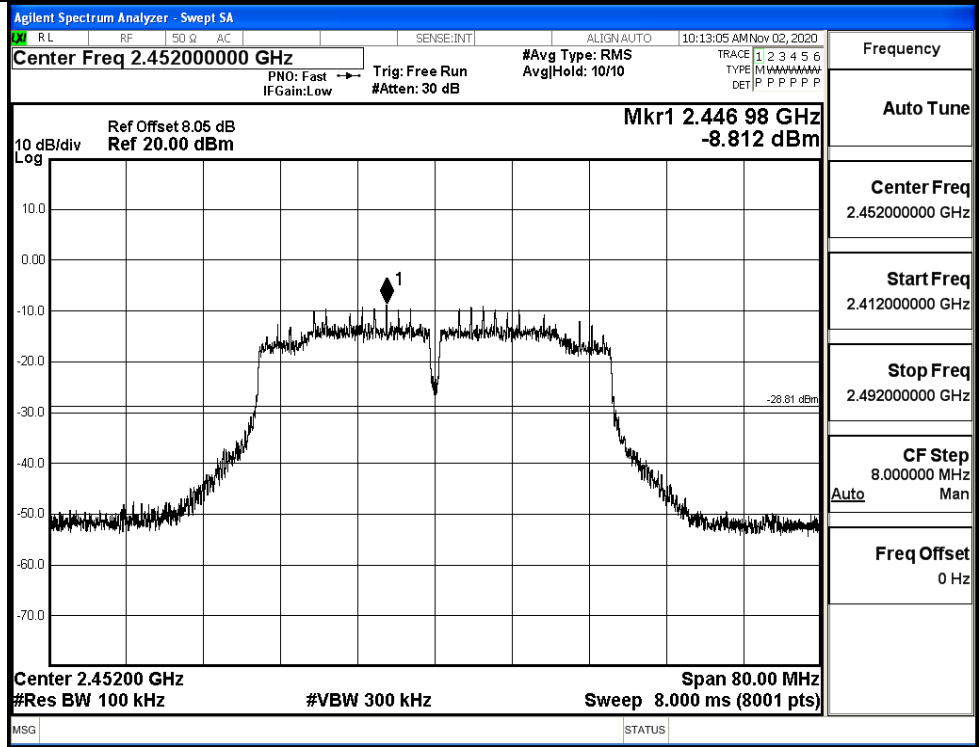


Puw/11N40  
SISO/MCH



11N40SISO\_HCH\_Graphs

Pref/11N40  
SISO/HCH



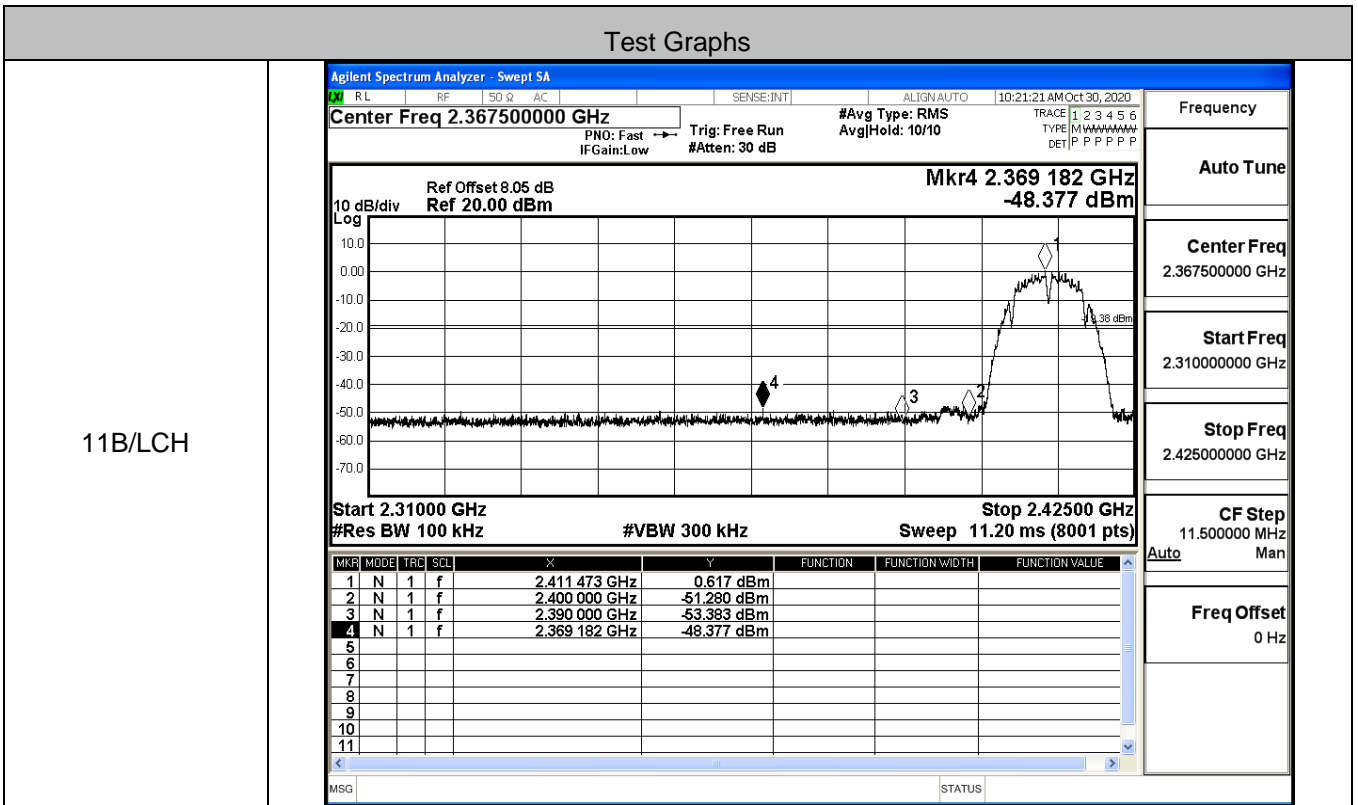
Puw/11N40  
SISO/HCH



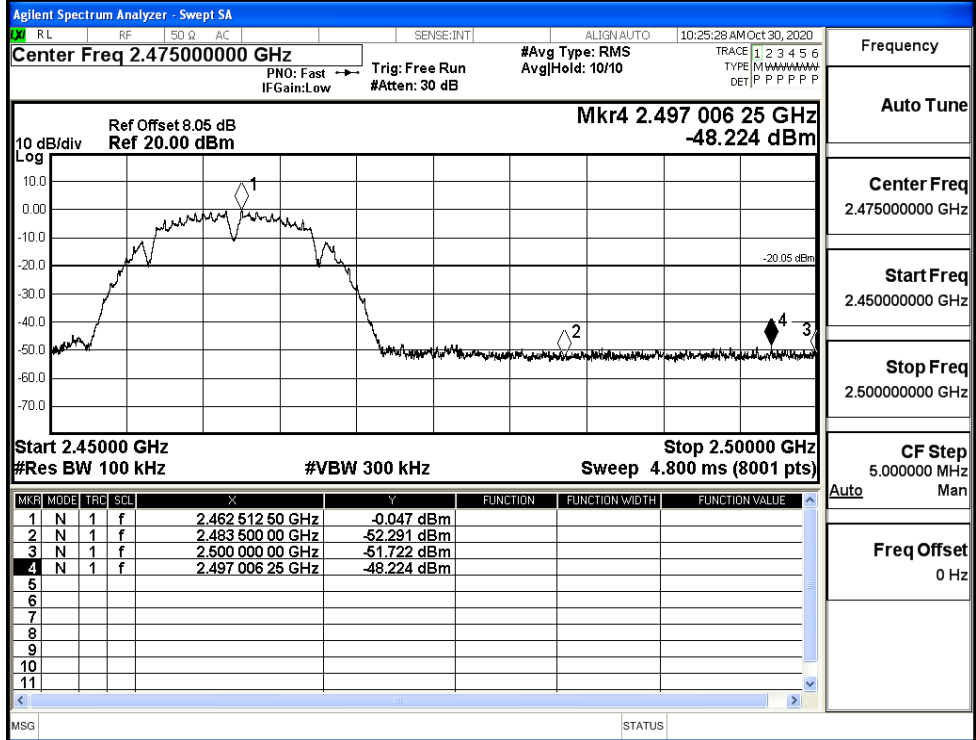
### C.6 Band-edge for RF Conducted Emissions

ANT 0

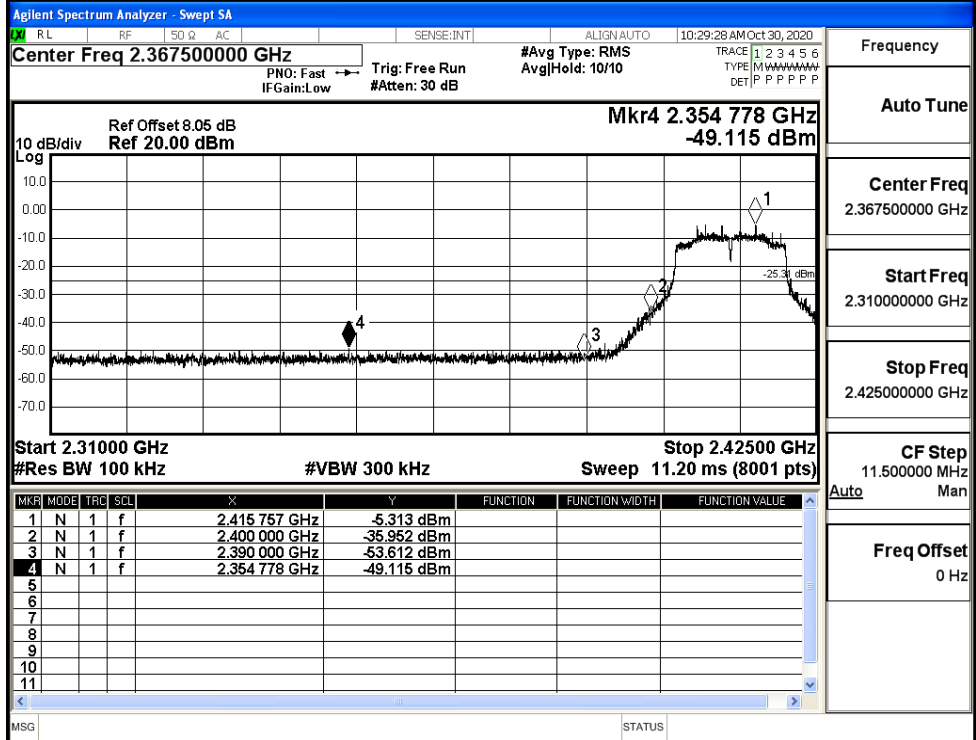
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.617	-48.377	-19.38	PASS
	HCH	-0.047	-48.224	-20.05	PASS
11G	LCH	-5.313	-49.115	-25.31	PASS
	HCH	-4.961	-48.472	-24.96	PASS
11N20SISO	LCH	-4.861	-49.168	-24.86	PASS
	HCH	-4.525	-49.031	-24.53	PASS
11N40SISO	LCH	-8.035	-48.113	-28.04	PASS
	HCH	-7.909	-48.838	-27.91	PASS



11B/HCH

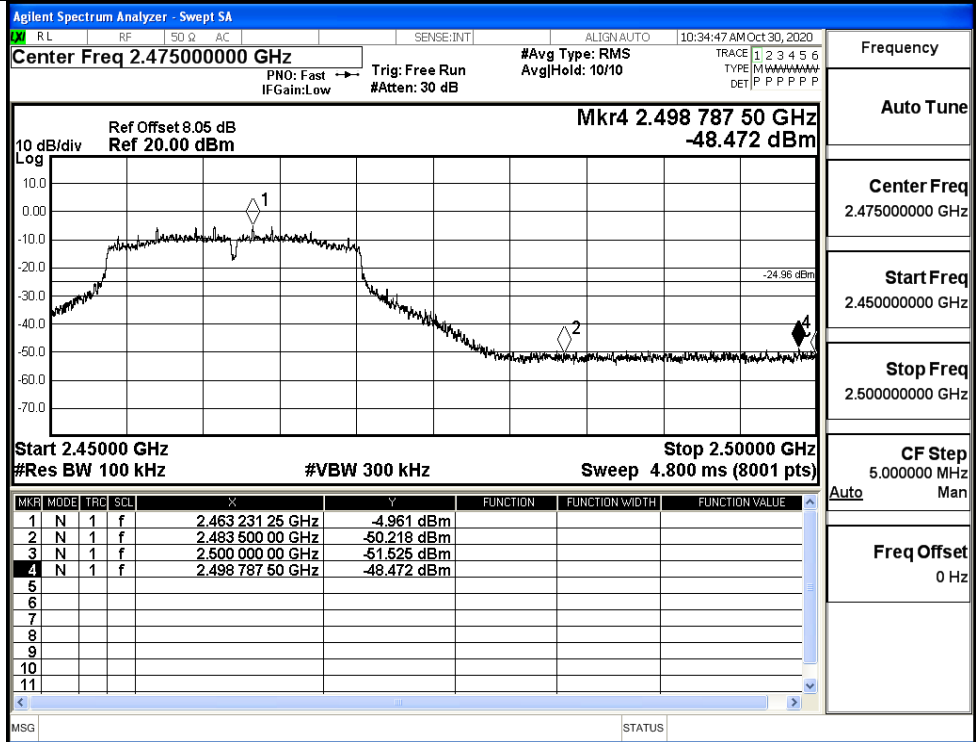


11G/LCH



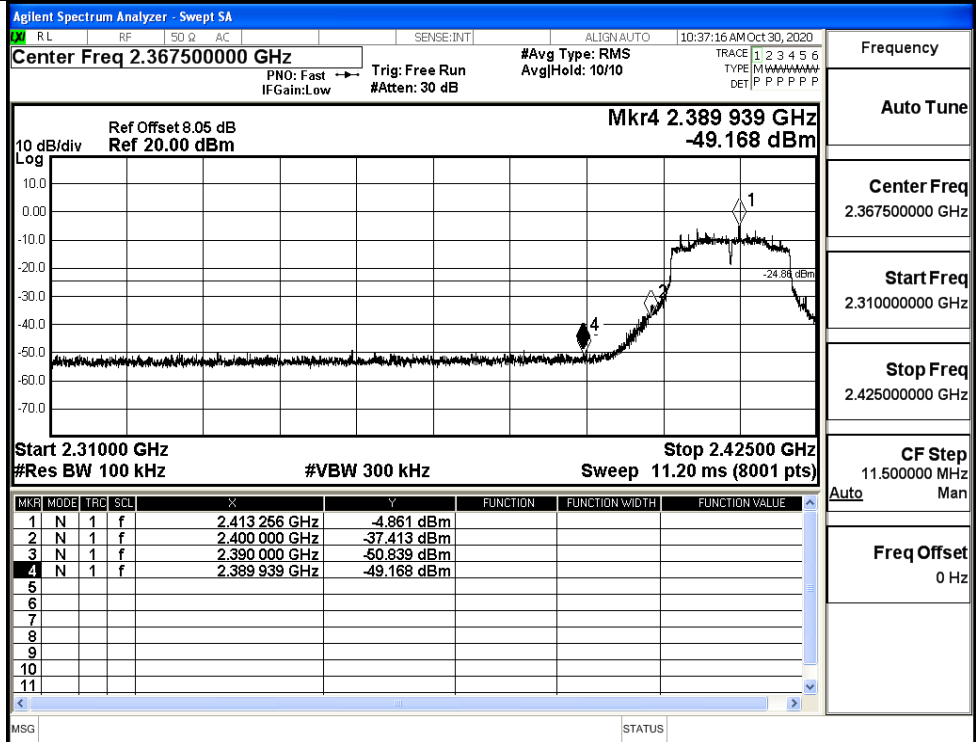


11G/HCH



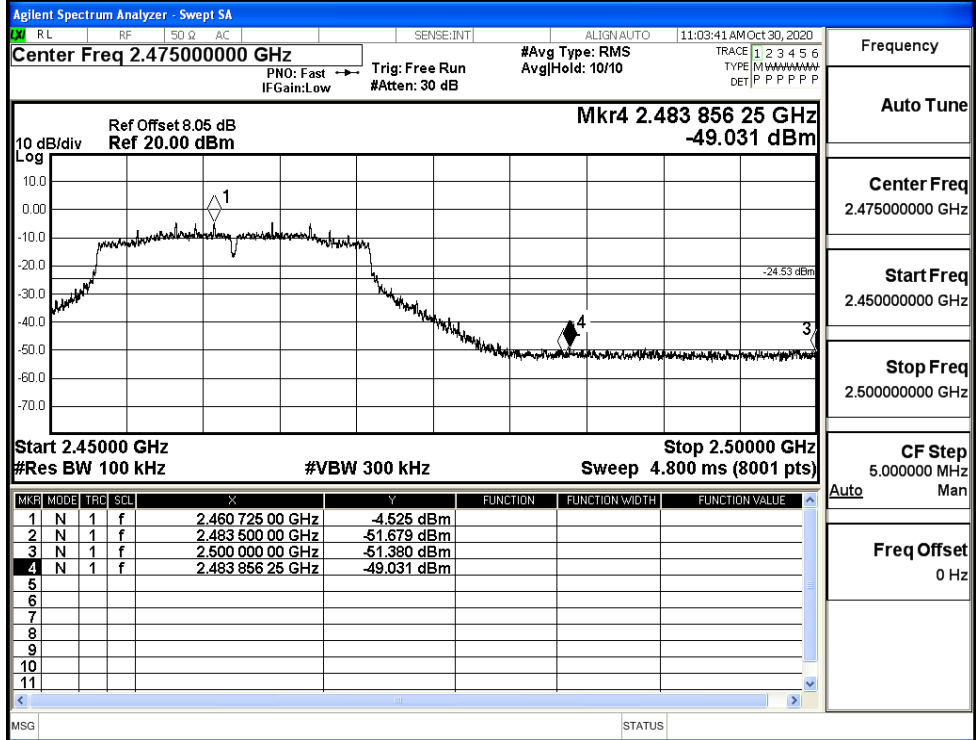
Frequency	2.47500000 GHz
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N20SISO/LCH



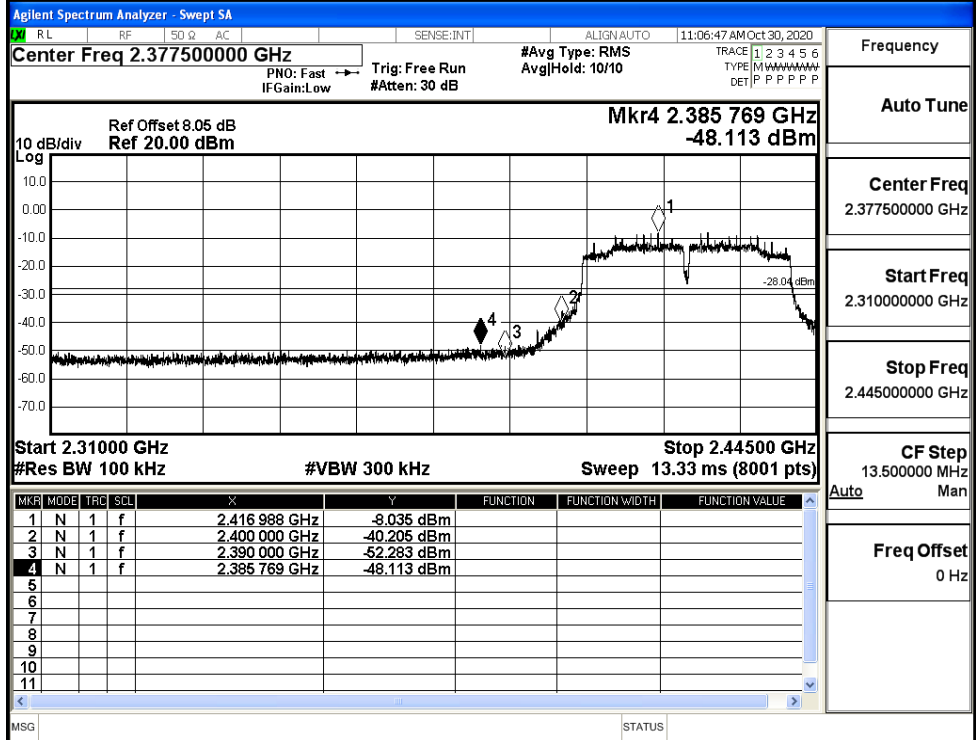
Frequency	2.36750000 GHz
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11N20SISO/HCH



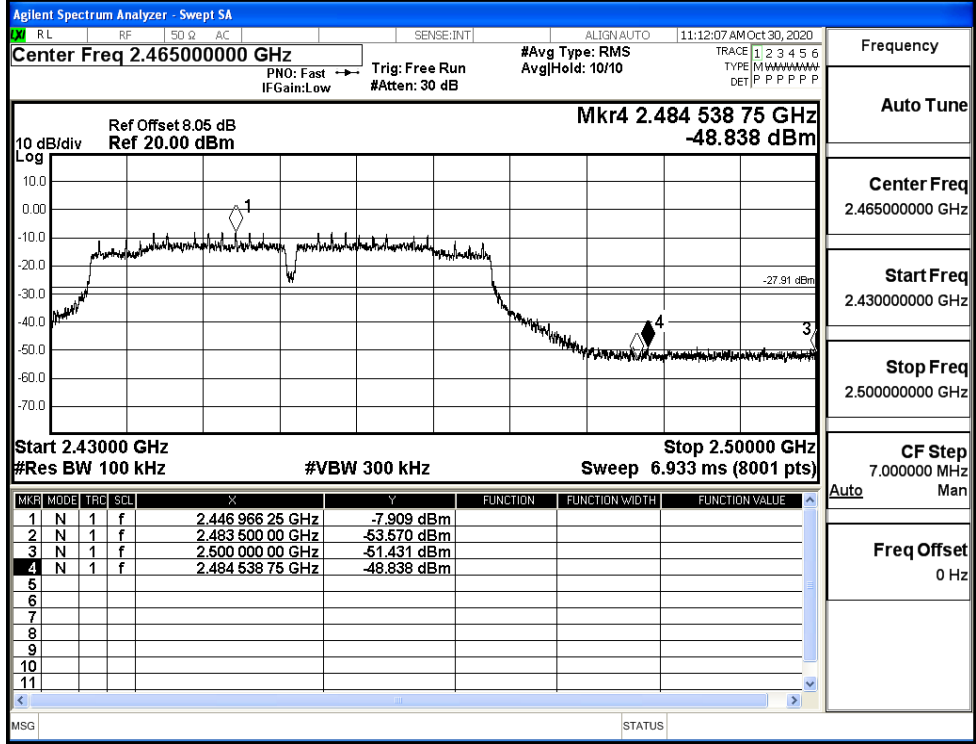
Frequency
Auto Tune
Center Freq 2.47500000 GHz
Start Freq 2.45000000 GHz
Stop Freq 2.50000000 GHz
CF Step 5.000000 MHz
Freq Offset 0 Hz

11N40SISO/LCH



Frequency
Auto Tune
Center Freq 2.37750000 GHz
Start Freq 2.31000000 GHz
Stop Freq 2.44500000 GHz
CF Step 13.500000 MHz
Freq Offset 0 Hz

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

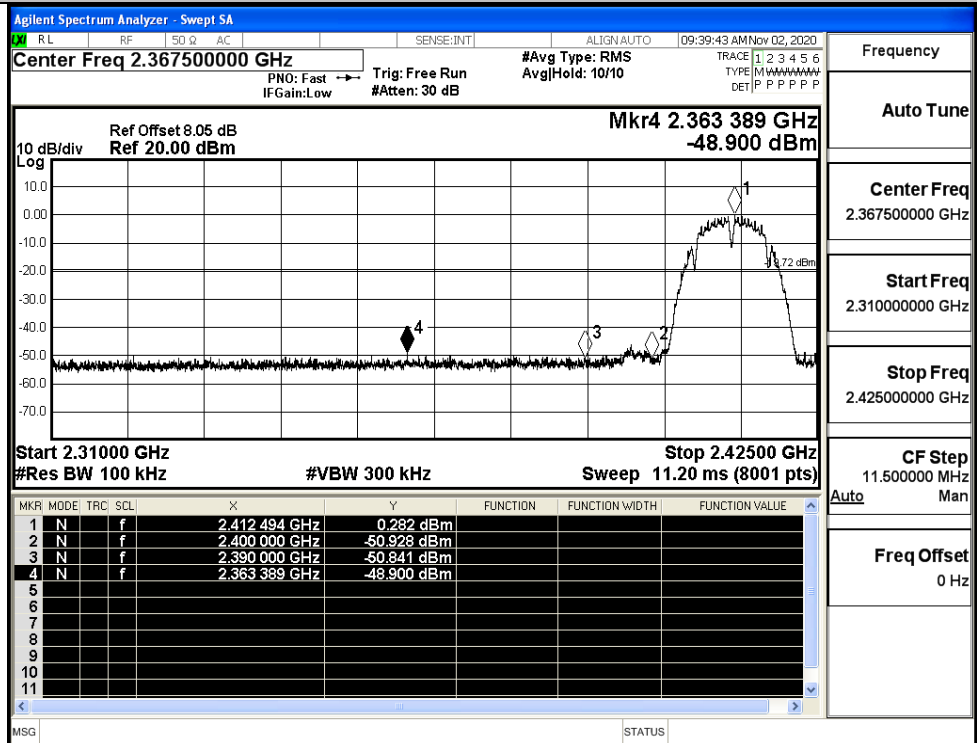
Freq Offset  
0 Hz

ANT 1

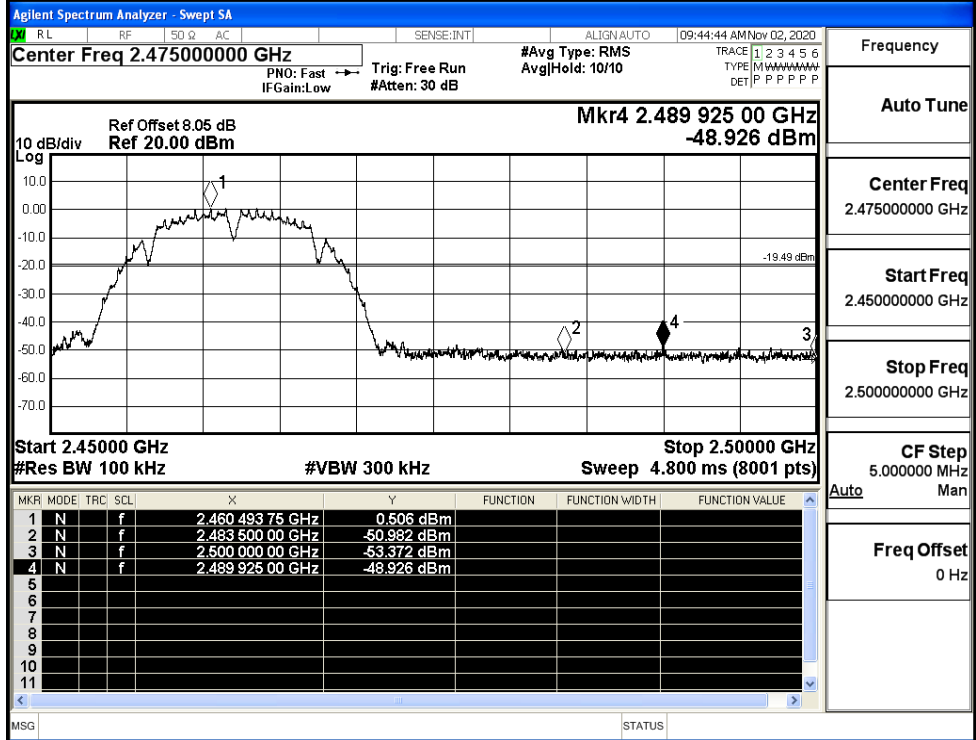
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.282	-48.900	-19.72	PASS
	HCH	0.506	-48.926	-19.49	PASS
11G	LCH	-6.005	-48.797	-26.01	PASS
	HCH	-4.992	-48.965	-24.99	PASS
11N20SISO	LCH	-5.961	-49.422	-25.96	PASS
	HCH	-4.889	-49.105	-24.89	PASS
11N40SISO	LCH	-8.861	-48.795	-28.86	PASS
	HCH	-8.772	-49.018	-28.77	PASS

Test Graphs

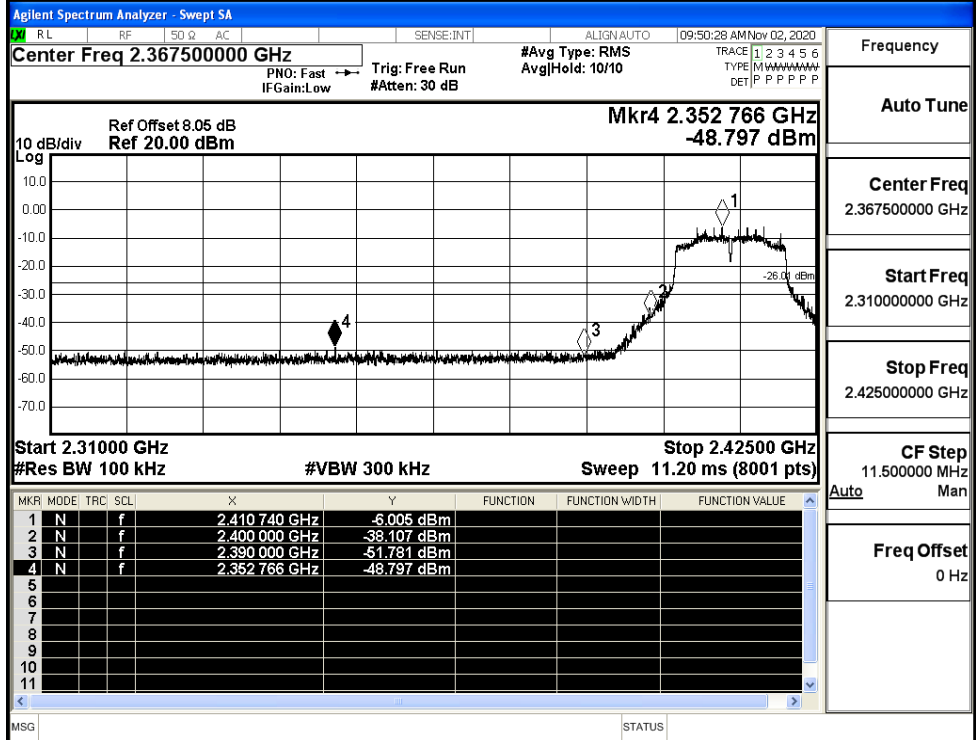
11B/LCH



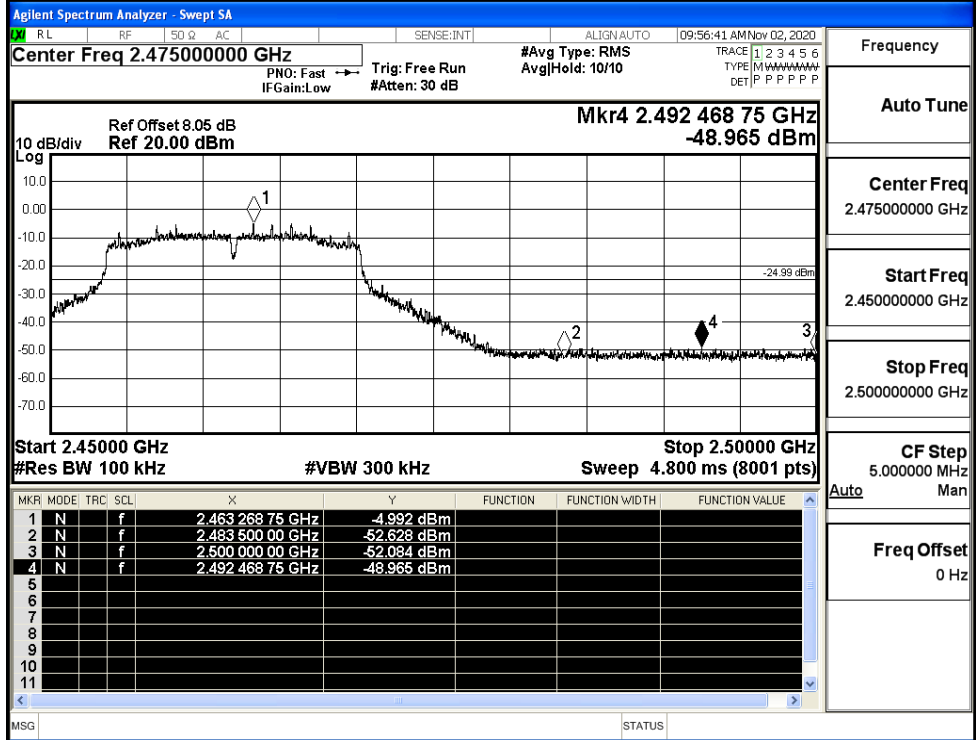
11B/HCH



11G/LCH

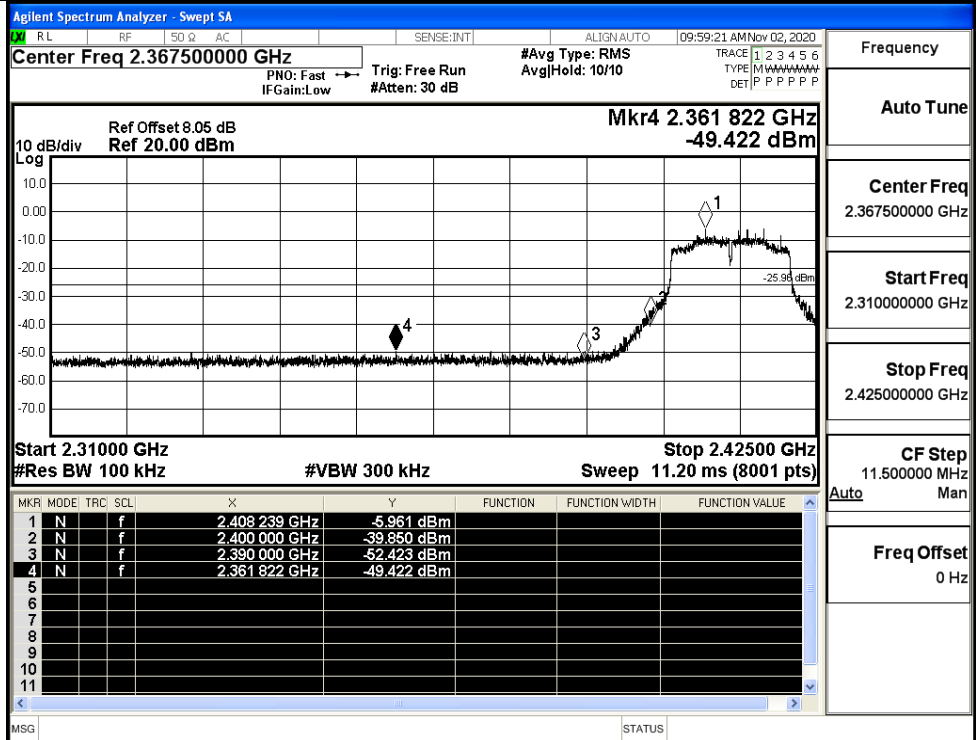


11G/HCH



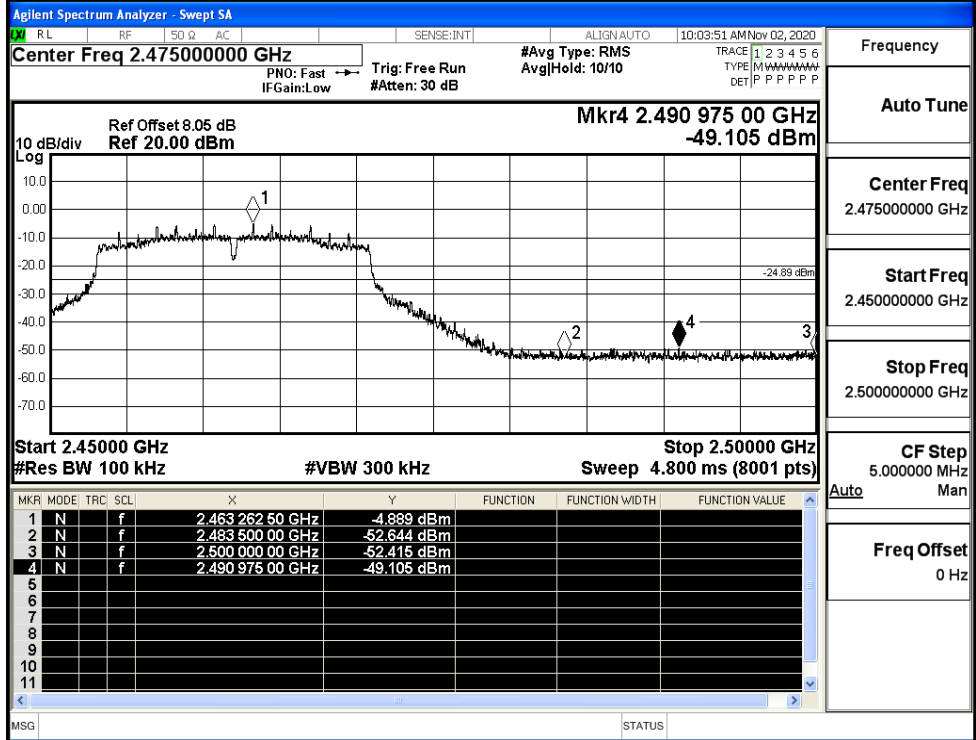
Frequency	2.47500000 GHz
Auto Tune	
Center Freq	2.47500000 GHz
Start Freq	2.45000000 GHz
Stop Freq	2.50000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N20SISO/LCH



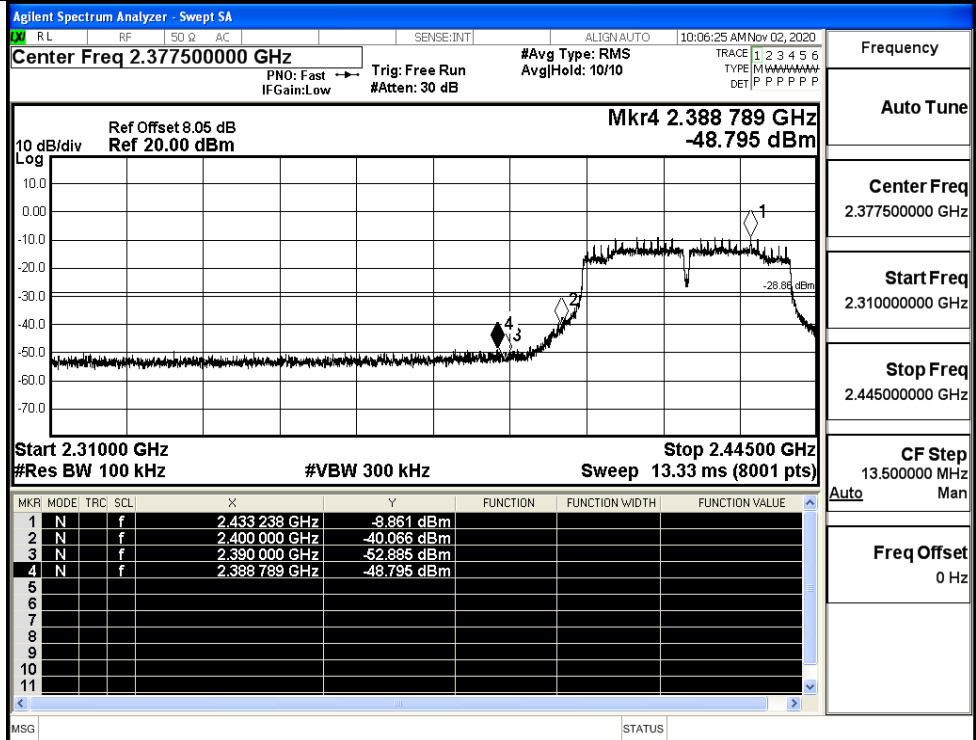
Frequency	2.36750000 GHz
Auto Tune	
Center Freq	2.36750000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.42500000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

11N20SISO/HCH



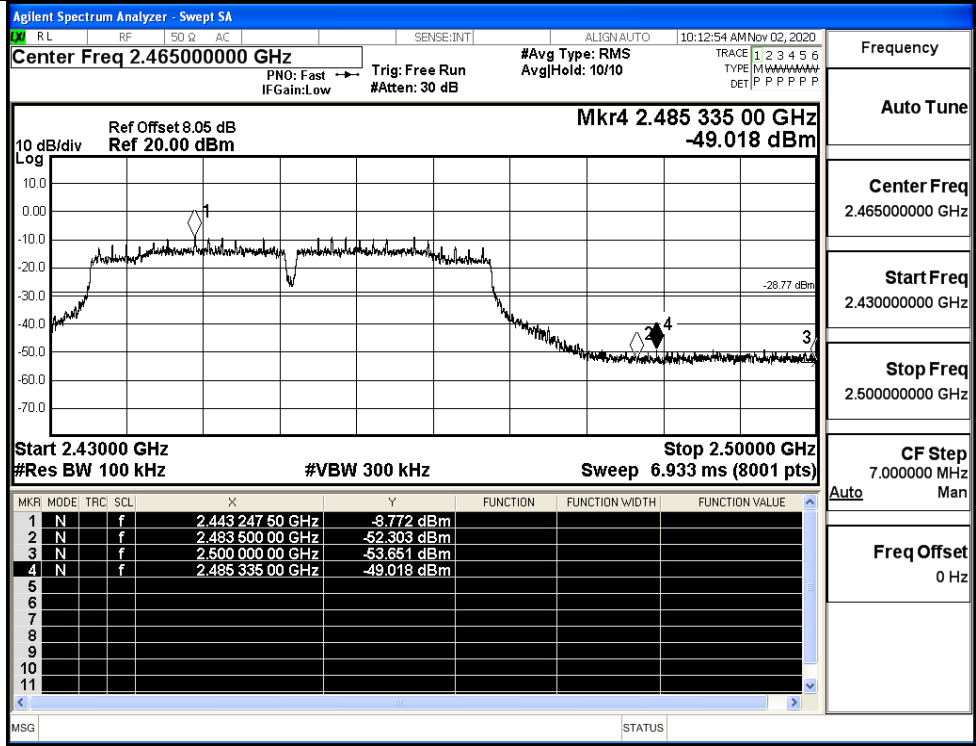
Frequency	2.475000000 GHz
Auto Tune	
Center Freq	2.475000000 GHz
Start Freq	2.450000000 GHz
Stop Freq	2.500000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

11N40SISO/LCH



Frequency	2.377500000 GHz
Auto Tune	
Center Freq	2.377500000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.445000000 GHz
CF Step	13.500000 MHz
Freq Offset	0 Hz

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

Freq Offset  
0 Hz



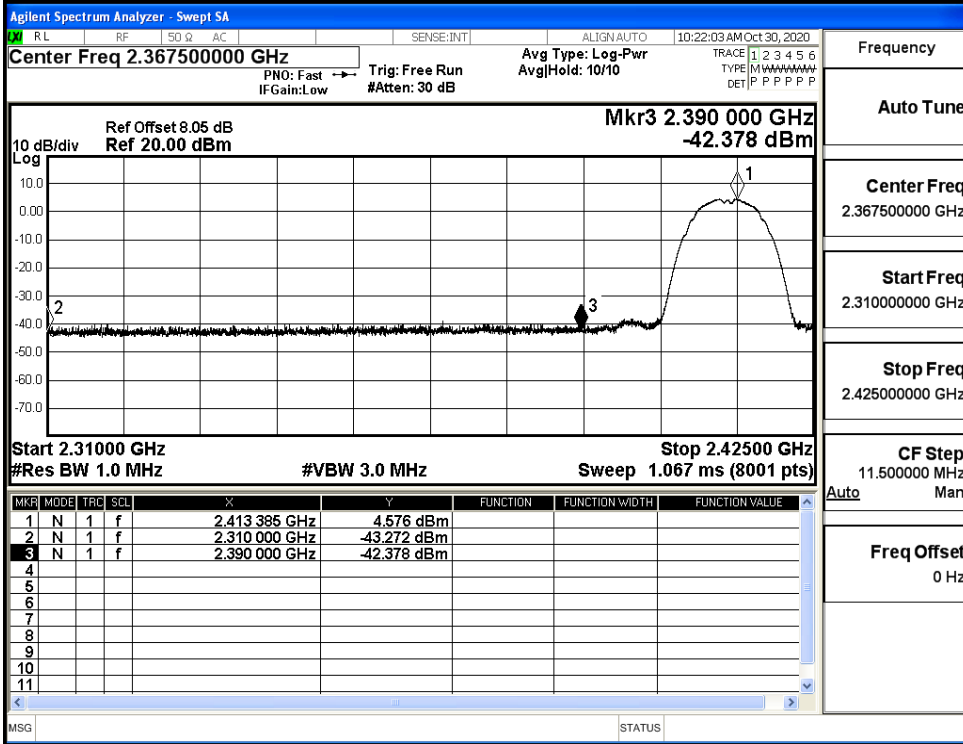
## C.7 Restrict-band band-edge measurements

### ANT 0

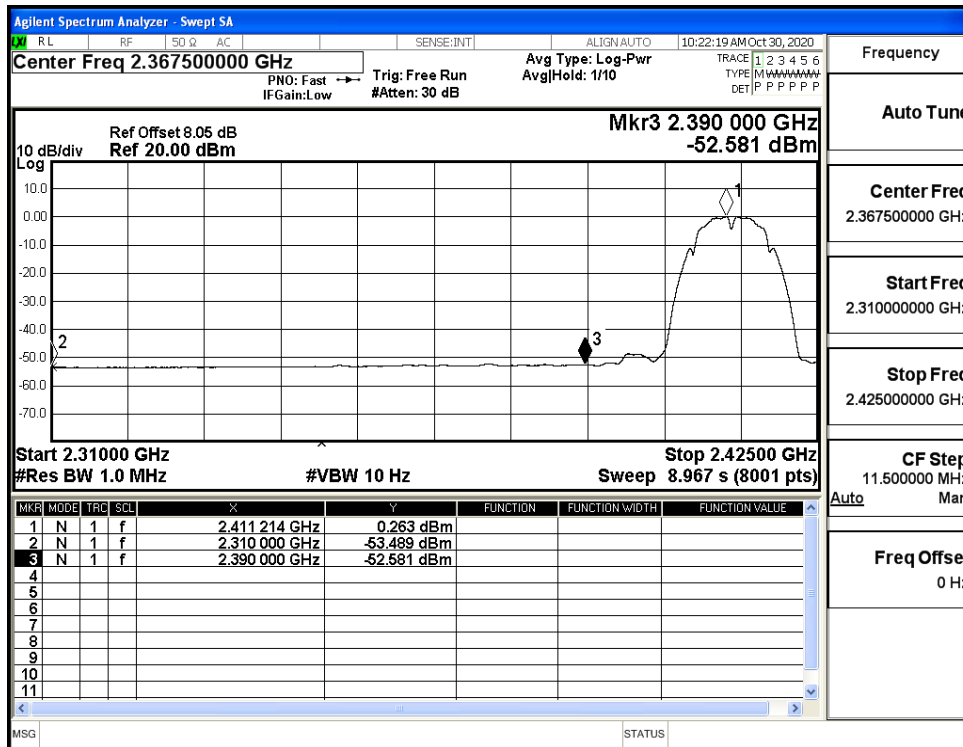
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant1	2310.0	-43.27	2.0	0	51.99	PEAK	74	PASS
	2412	Ant1	2310.0	-53.49	2.0	0	41.77	AV	54	PASS
	2412	Ant1	2390.0	-42.38	2.0	0	52.88	PEAK	74	PASS
	2412	Ant1	2390.0	-52.58	2.0	0	42.68	AV	54	PASS
	2462	Ant1	2483.5	-41.69	2.0	0	53.57	PEAK	74	PASS
	2462	Ant1	2483.5	-52.42	2.0	0	42.83	AV	54	PASS
	2462	Ant1	2500.0	-40.42	2.0	0	54.84	PEAK	74	PASS
	2462	Ant1	2500.0	-52.16	2.0	0	43.10	AV	54	PASS
11G	2412	Ant1	2310.0	-43.09	2.0	0	52.17	PEAK	74	PASS
	2412	Ant1	2310.0	-53.49	2.0	0	41.77	AV	54	PASS
	2412	Ant1	2390.0	-40.82	2.0	0	54.44	PEAK	74	PASS
	2412	Ant1	2390.0	-52.55	2.0	0	42.71	AV	54	PASS
	2462	Ant1	2483.5	-40.74	2.0	0	54.52	PEAK	74	PASS
	2462	Ant1	2483.5	-52.29	2.0	0	42.97	AV	54	PASS
	2462	Ant1	2500.0	-42.49	2.0	0	52.77	PEAK	74	PASS
	2462	Ant1	2500.0	-52.28	2.0	0	42.98	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-43.34	2.0	0	51.92	PEAK	74	PASS
	2412	Ant1	2310.0	-53.53	2.0	0	41.73	AV	54	PASS
	2412	Ant1	2390.0	-41.72	2.0	0	53.53	PEAK	74	PASS
	2412	Ant1	2390.0	-52.47	2.0	0	42.79	AV	54	PASS
	2462	Ant1	2483.5	-42.35	2.0	0	52.90	PEAK	74	PASS
	2462	Ant1	2483.5	-52.01	2.0	0	43.25	AV	54	PASS
	2462	Ant1	2500.0	-41.78	2.0	0	53.48	PEAK	74	PASS
	2462	Ant1	2500.0	-52.12	2.0	0	43.14	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-43.03	2.0	0	52.23	PEAK	74	PASS
	2422	Ant1	2310.0	-53.36	2.0	0	41.90	AV	54	PASS

	2422	Ant1	2390.0	-40.75	2.0	0	54.51	PEAK	74	PASS
	2422	Ant1	2390.0	-50.72	2.0	0	44.53	AV	54	PASS
	2452	Ant1	2483.5	-40.72	2.0	0	54.54	PEAK	74	PASS
	2452	Ant1	2483.5	-51.99	2.0	0	43.27	AV	54	PASS
	2452	Ant1	2500.0	-42.67	2.0	0	52.59	PEAK	74	PASS
	2452	Ant1	2500.0	-52.04	2.0	0	43.22	AV	54	PASS

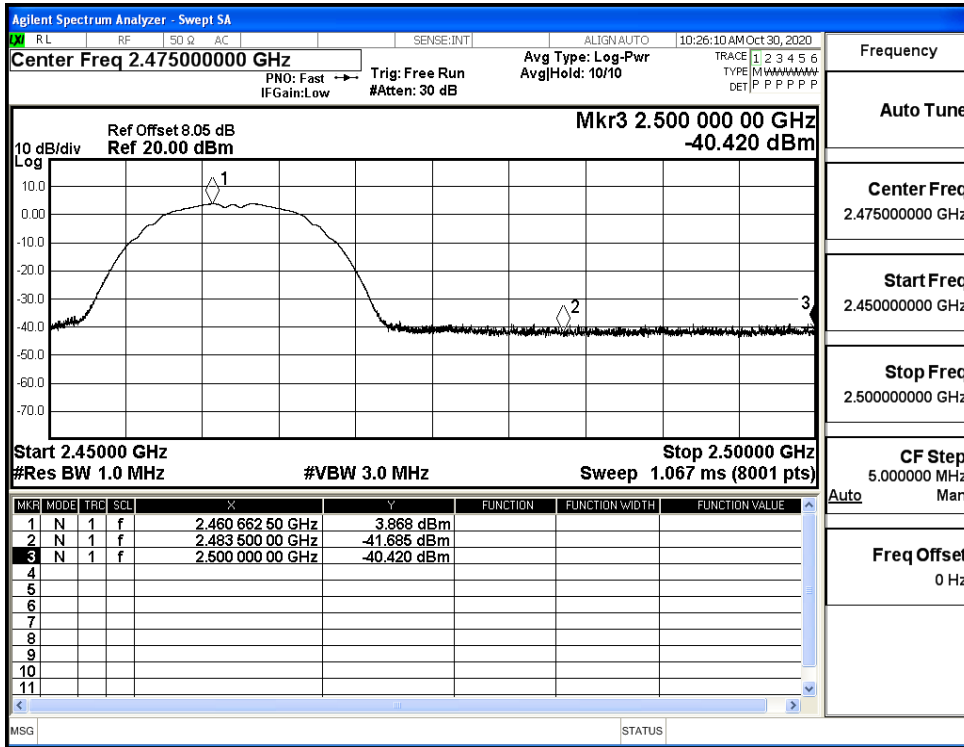
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_PEAK



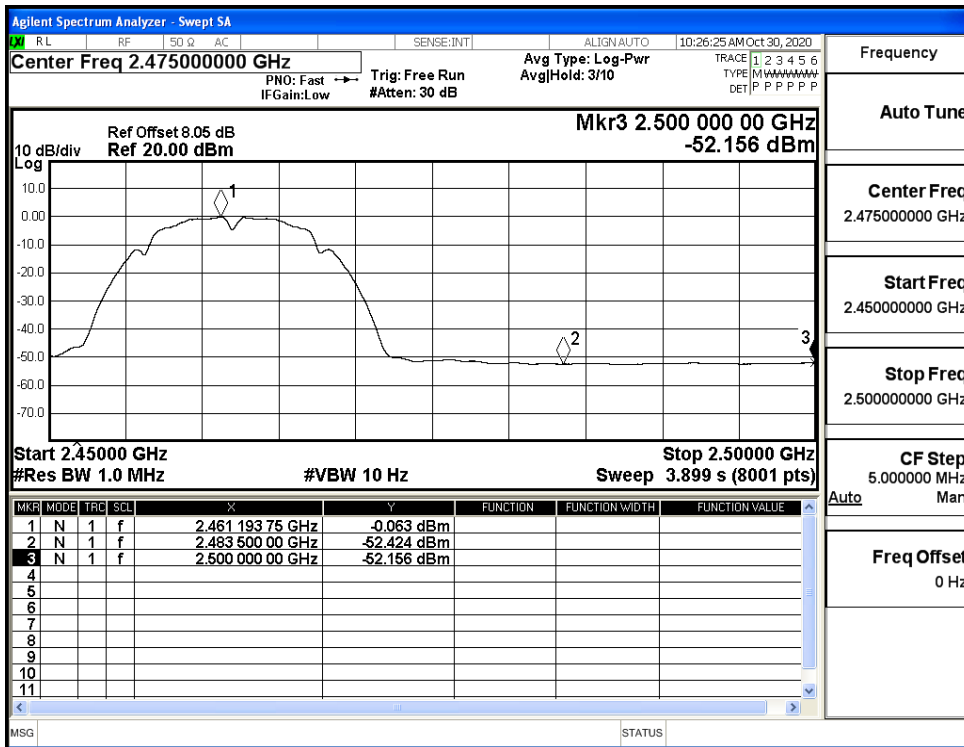
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_AV



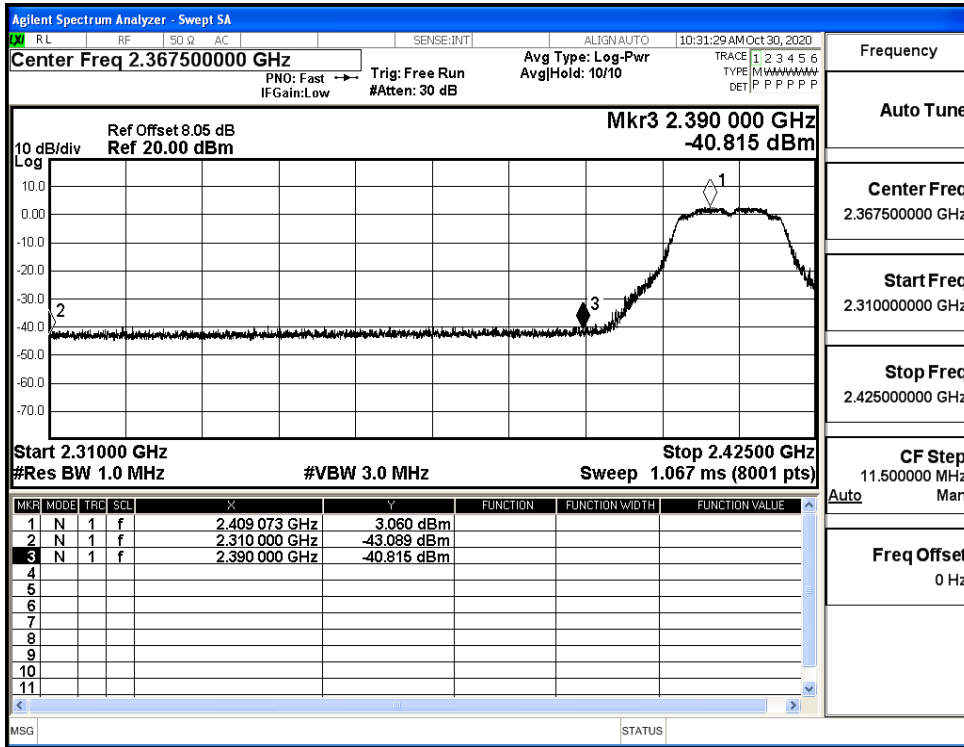
Restrict-band band-edge measurements\_11B\_2462\_Ant1\_PEAK



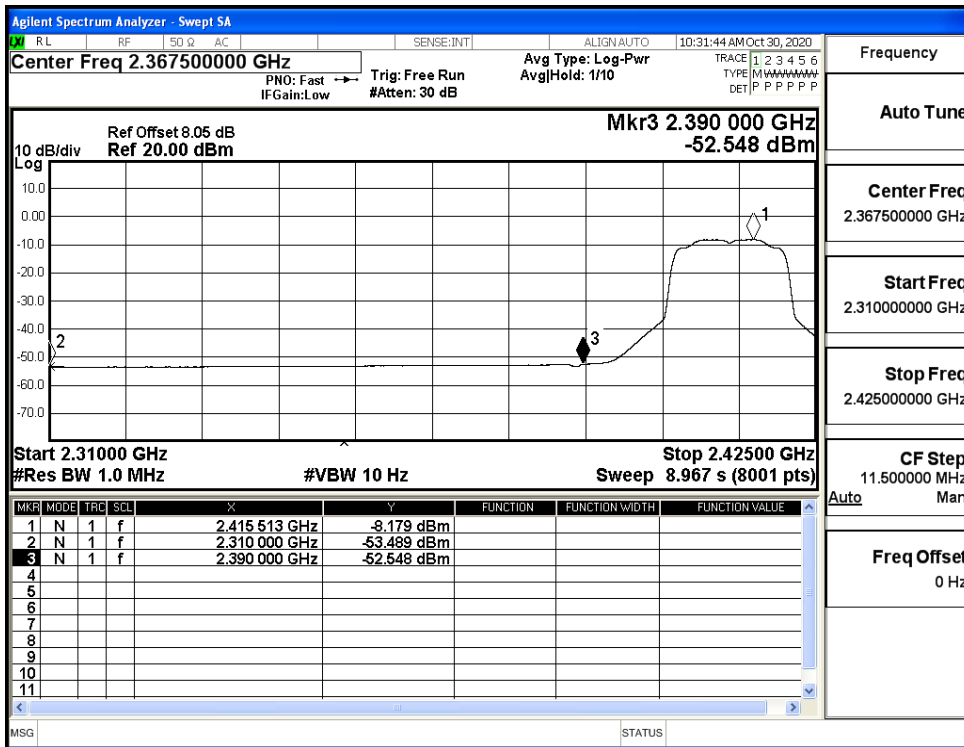
Restrict-band band-edge measurements\_11B\_2462\_Ant1\_AV



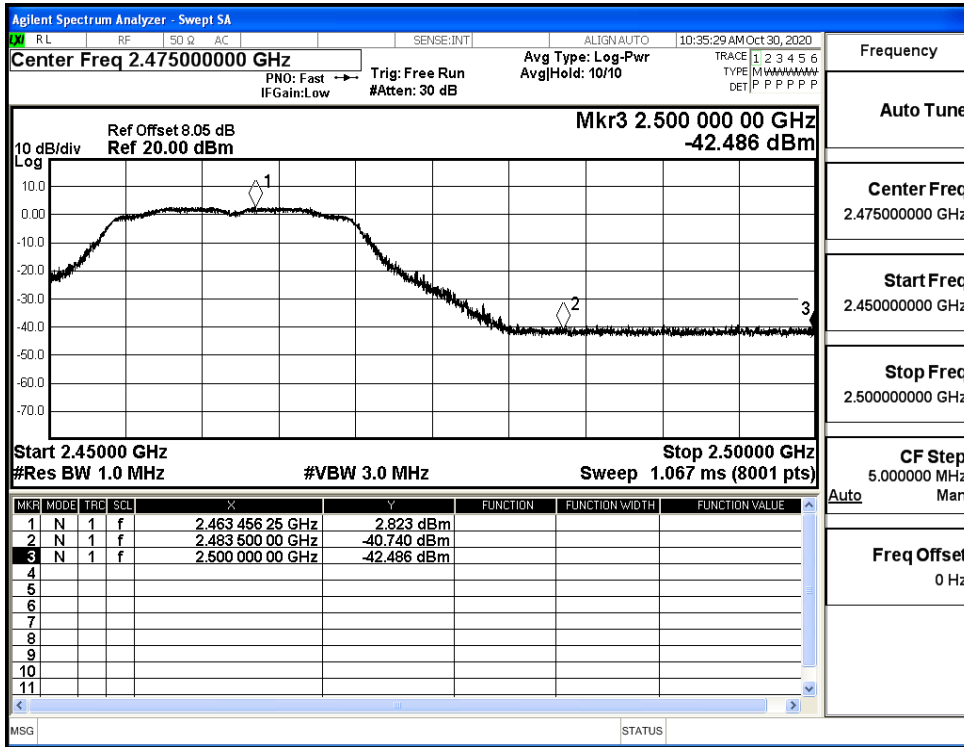
Restrict-band band-edge measurements\_11G\_2412\_Ant1\_PEAK



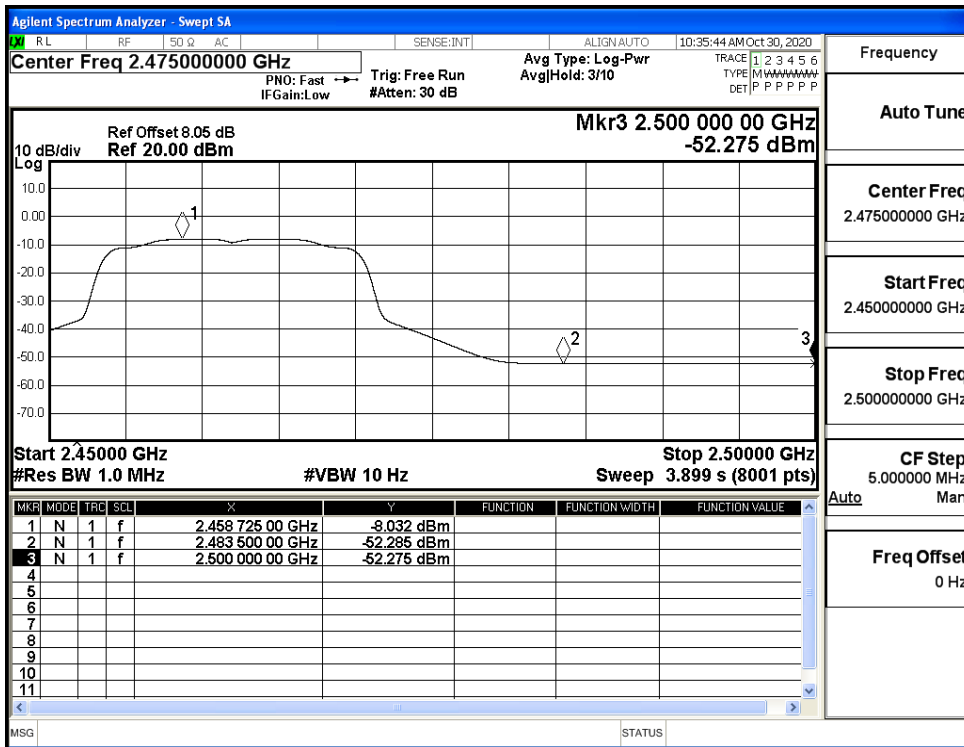
Restrict-band band-edge measurements\_11G\_2412\_Ant1\_AV



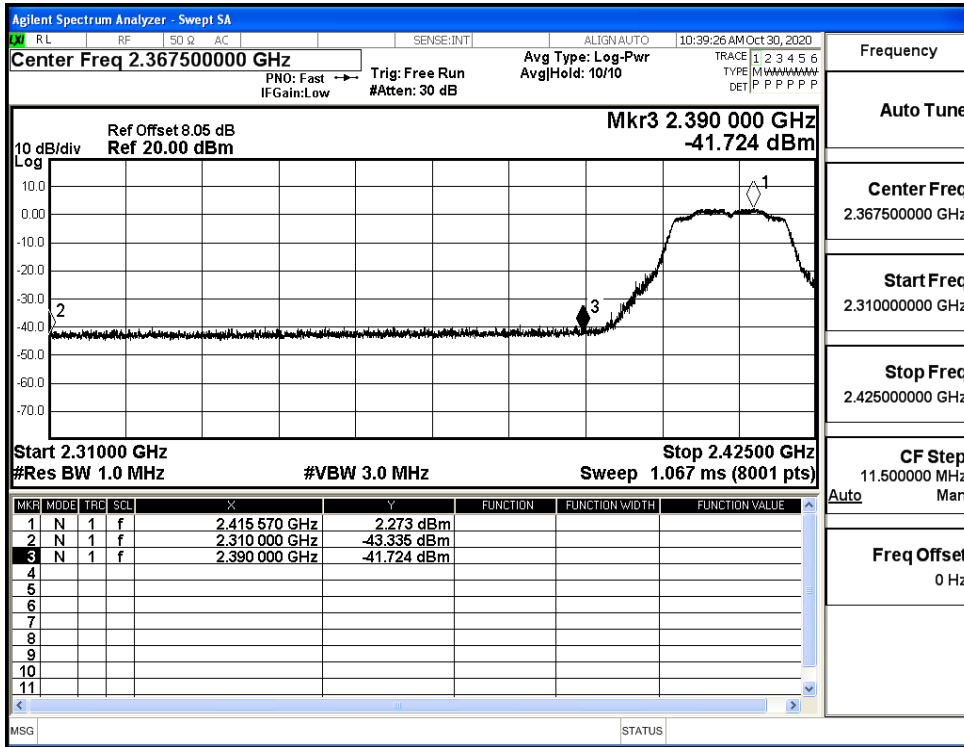
Restrict-band band-edge measurements\_11G\_2462\_Ant1\_PEAK



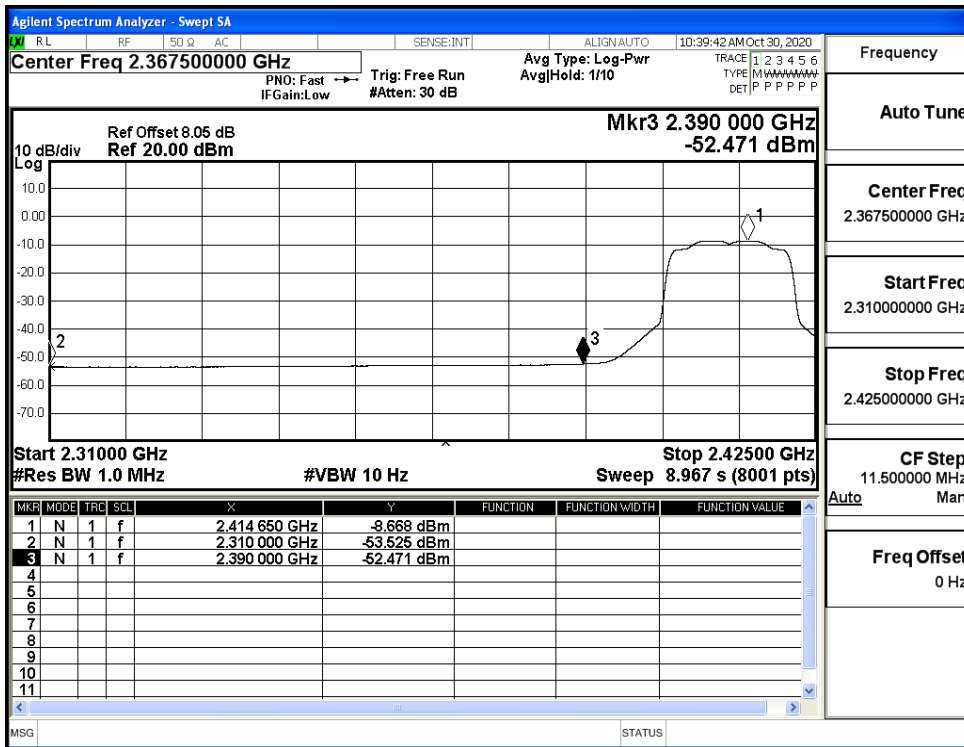
Restrict-band band-edge measurements\_11G\_2462\_Ant1\_AV



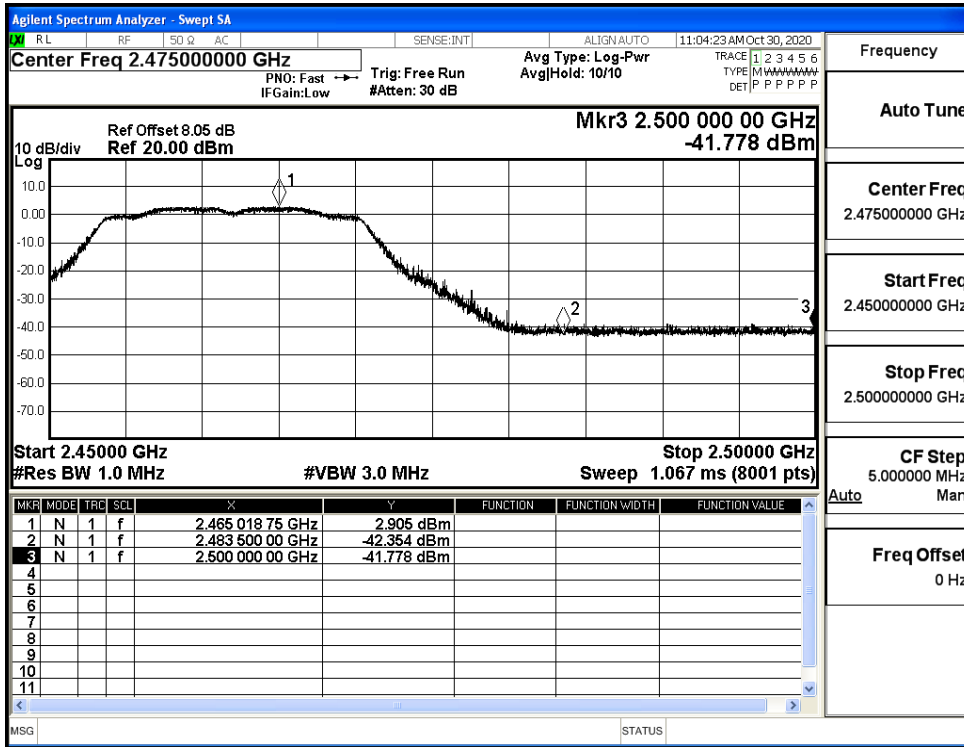
Restrict-band band-edge measurements\_11N20SISO\_2412\_Ant1\_PEAK



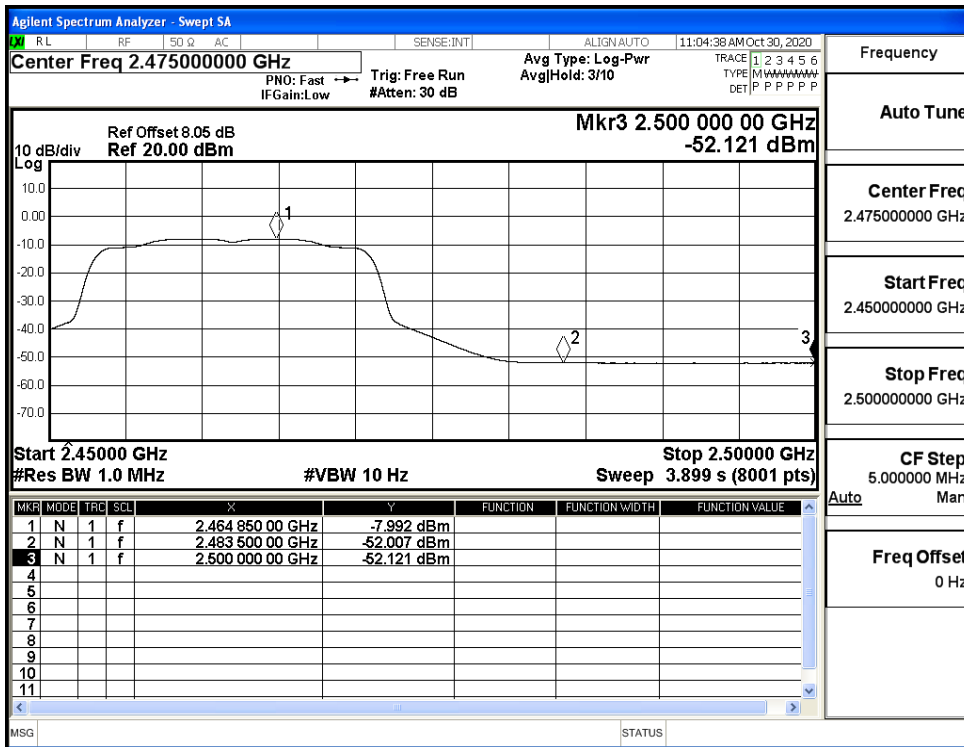
Restrict-band band-edge measurements\_11N20SISO\_2412\_Ant1\_AV



Restrict-band band-edge measurements\_11N20SISO\_2462\_Ant1\_PEAK

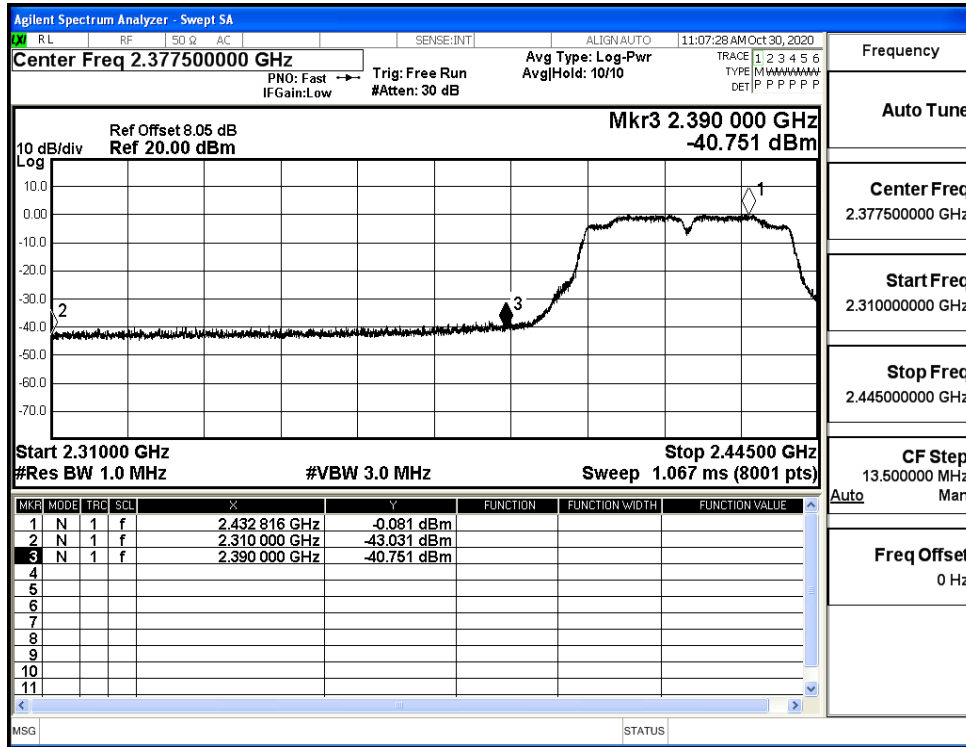


Restrict-band band-edge measurements\_11N20SISO\_2462\_Ant1\_AV

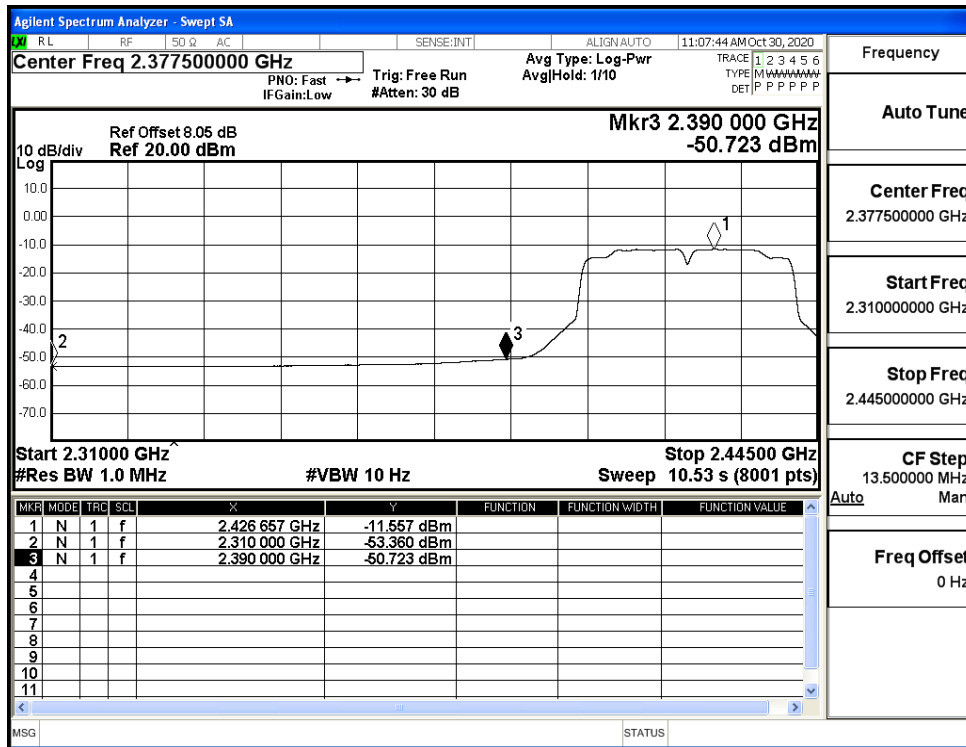




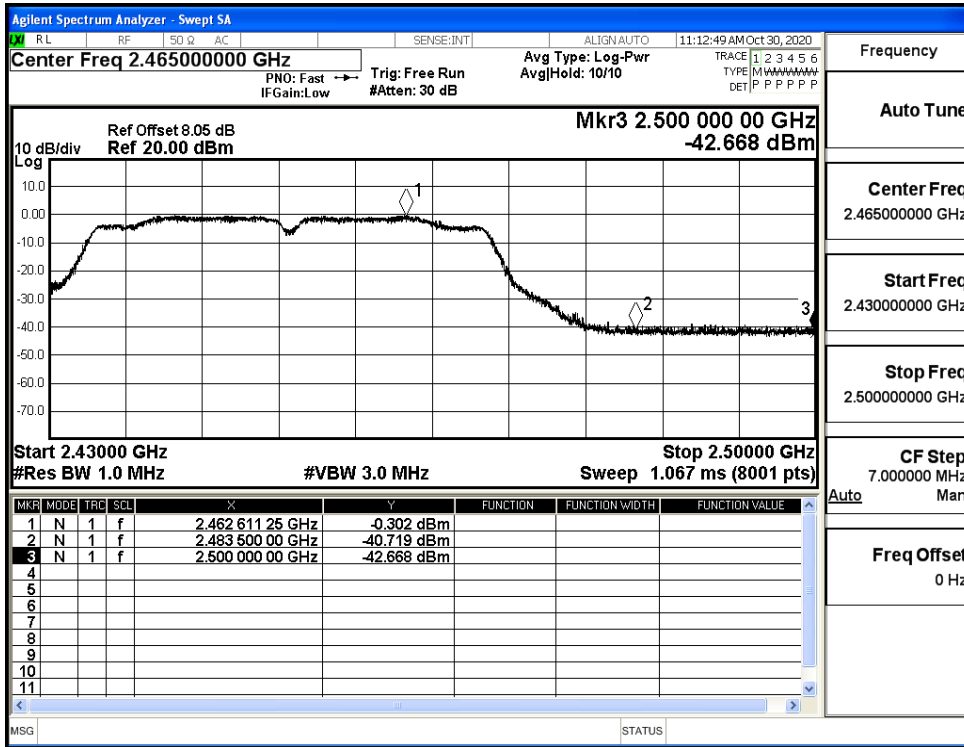
Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_PEAK



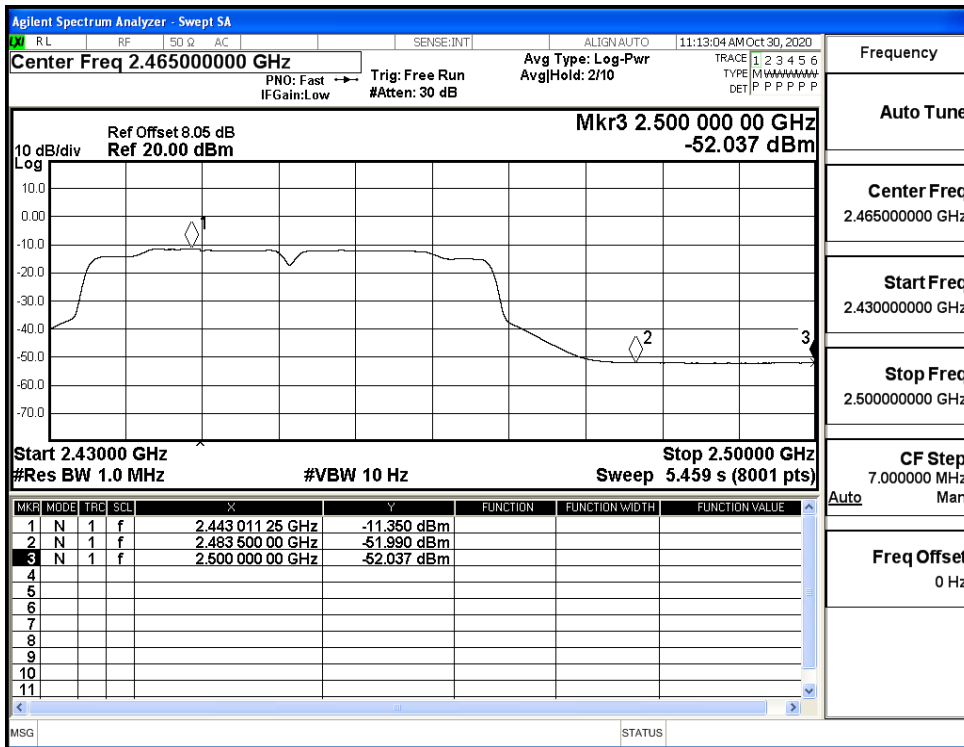
Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_AV



Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_PEAK



Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_AV

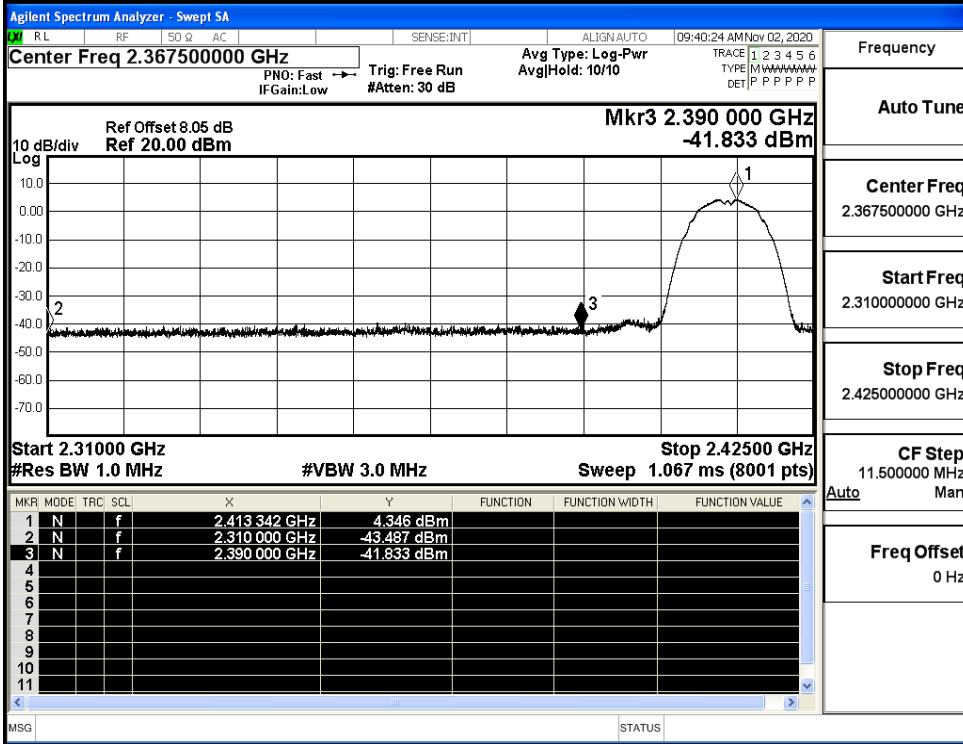


**ANT 1**

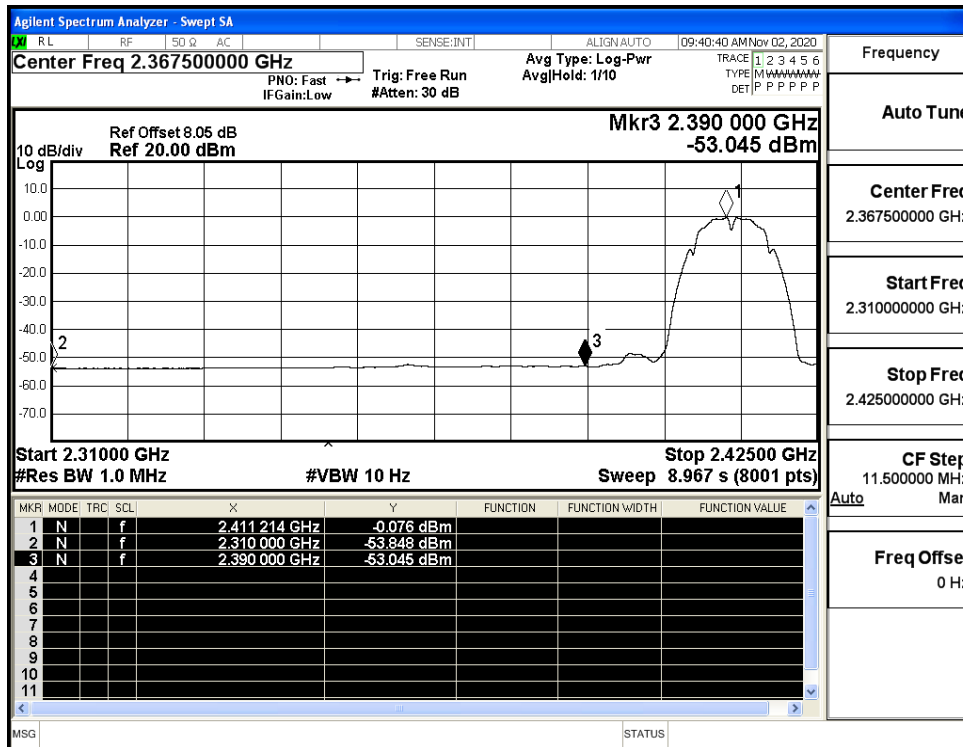
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant1	2310.0	-43.49	2.0	0	51.77	PEAK	74	PASS
	2412	Ant1	2310.0	-53.85	2.0	0	41.41	AV	54	PASS
	2412	Ant1	2390.0	-41.83	2.0	0	53.42	PEAK	74	PASS
	2412	Ant1	2390.0	-53.05	2.0	0	42.21	AV	54	PASS
	2462	Ant1	2483.5	-40.96	2.0	0	54.30	PEAK	74	PASS
	2462	Ant1	2483.5	-51.96	2.0	0	43.30	AV	54	PASS
	2462	Ant1	2500.0	-41.67	2.0	0	53.59	PEAK	74	PASS
	2462	Ant1	2500.0	-52.33	2.0	0	42.93	AV	54	PASS
11G	2412	Ant1	2310.0	-42.26	2.0	0	53.00	PEAK	74	PASS
	2412	Ant1	2310.0	-53.57	2.0	0	41.69	AV	54	PASS
	2412	Ant1	2390.0	-41.73	2.0	0	53.53	PEAK	74	PASS
	2412	Ant1	2390.0	-52.61	2.0	0	42.64	AV	54	PASS
	2462	Ant1	2483.5	-41.86	2.0	0	53.39	PEAK	74	PASS
	2462	Ant1	2483.5	-52.18	2.0	0	43.08	AV	54	PASS
	2462	Ant1	2500.0	-41.05	2.0	0	54.21	PEAK	74	PASS
	2462	Ant1	2500.0	-52.16	2.0	0	43.10	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.41	2.0	0	52.85	PEAK	74	PASS
	2412	Ant1	2310.0	-53.57	2.0	0	41.69	AV	54	PASS
	2412	Ant1	2390.0	-43.17	2.0	0	52.08	PEAK	74	PASS
	2412	Ant1	2390.0	-52.57	2.0	0	42.69	AV	54	PASS
	2462	Ant1	2483.5	-41.62	2.0	0	53.64	PEAK	74	PASS
	2462	Ant1	2483.5	-52.28	2.0	0	42.98	AV	54	PASS
	2462	Ant1	2500.0	-41.15	2.0	0	54.11	PEAK	74	PASS
	2462	Ant1	2500.0	-52.31	2.0	0	42.95	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-42.31	2.0	0	52.95	PEAK	74	PASS
	2422	Ant1	2310.0	-53.48	2.0	0	41.78	AV	54	PASS
	2422	Ant1	2390.0	-41.69	2.0	0	53.57	PEAK	74	PASS

	2422	Ant1	2390.0	-51.77	2.0	0	43.49	AV	54	PASS
	2452	Ant1	2483.5	-41.64	2.0	0	53.62	PEAK	74	PASS
	2452	Ant1	2483.5	-52.32	2.0	0	42.94	AV	54	PASS
	2452	Ant1	2500.0	-42.10	2.0	0	53.16	PEAK	74	PASS
	2452	Ant1	2500.0	-52.23	2.0	0	43.03	AV	54	PASS

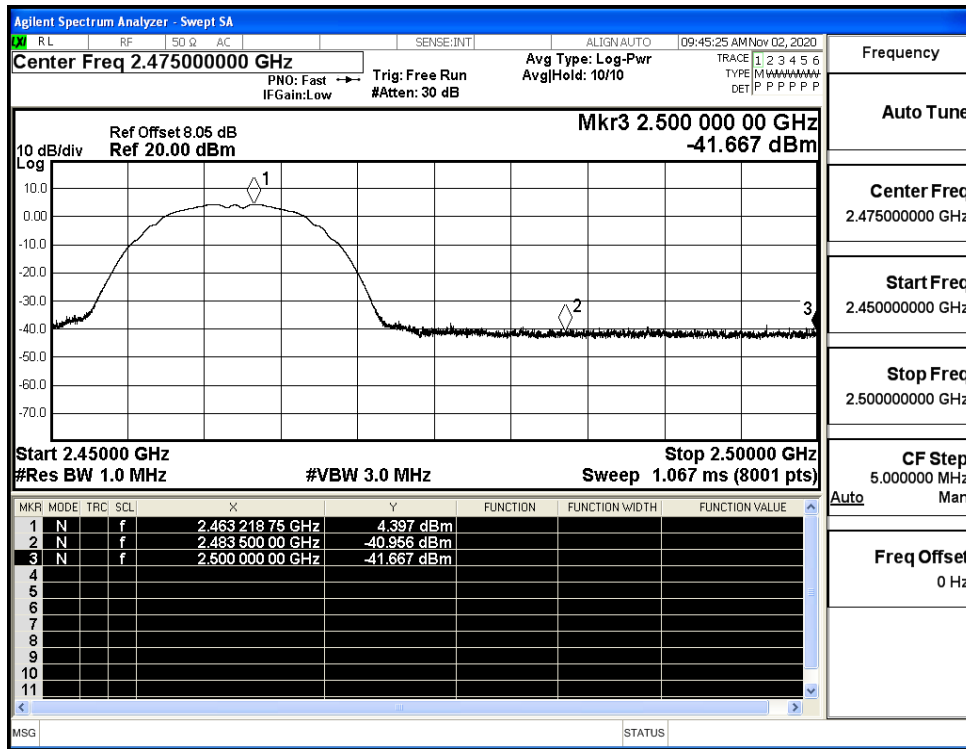
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_PEAK



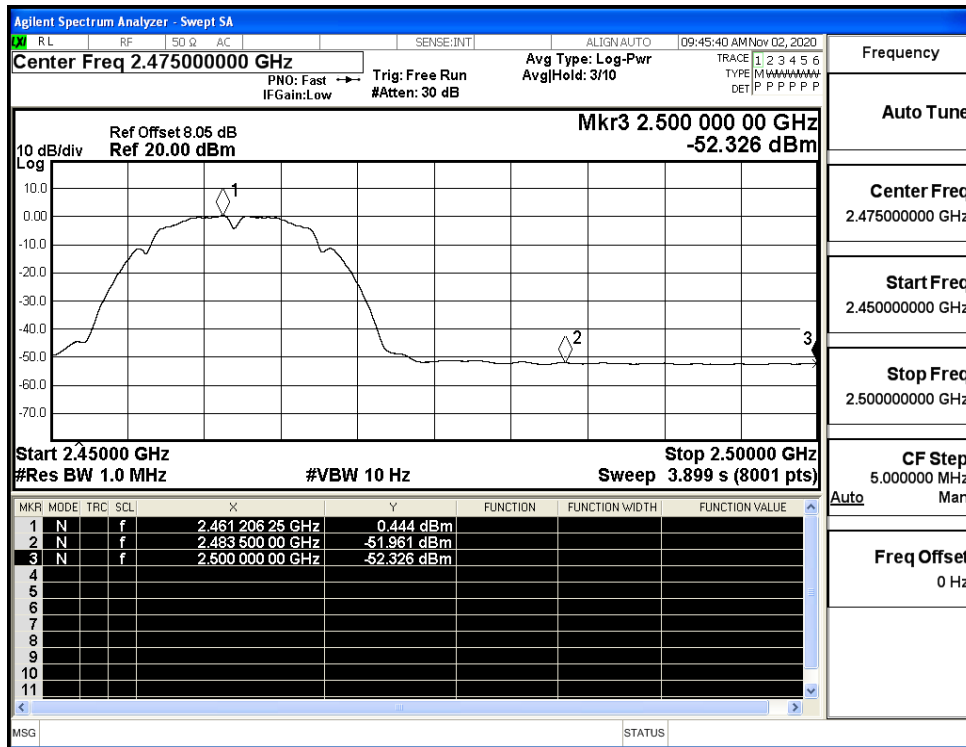
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_AV



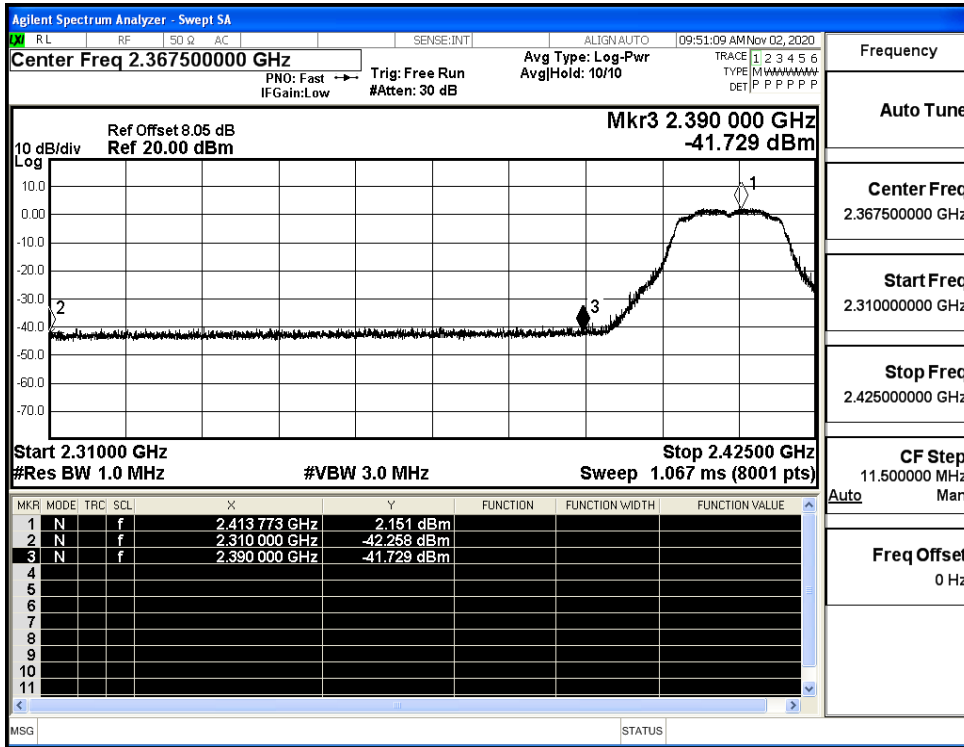
Restrict-band band-edge measurements\_11B\_2462\_Ant1\_PEAK



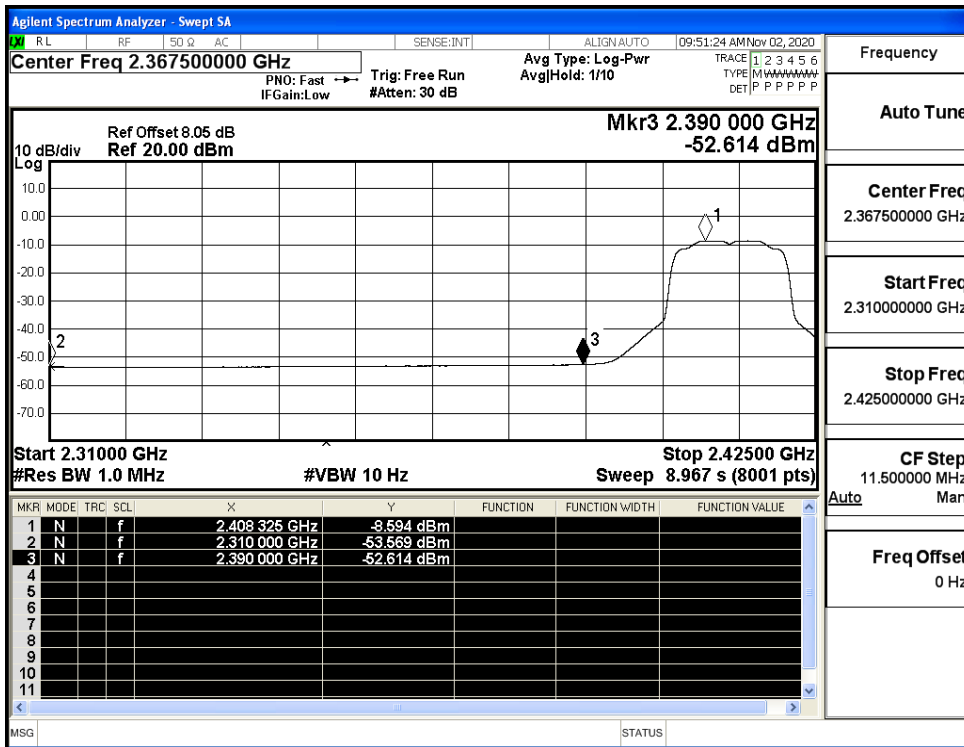
Restrict-band band-edge measurements\_11B\_2462\_Ant1\_AV



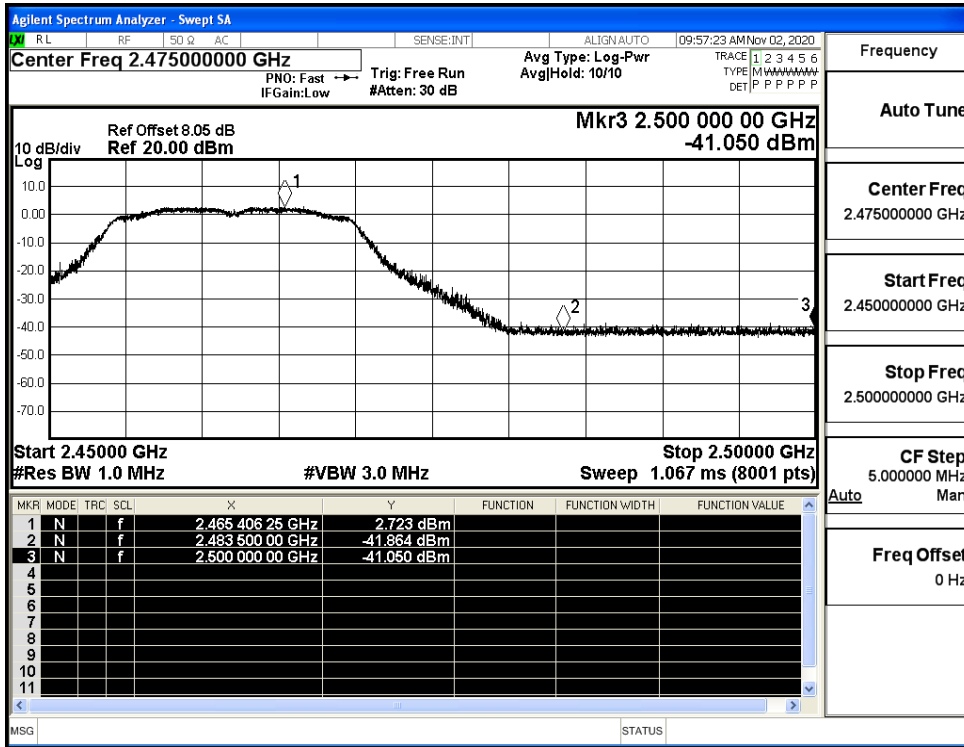
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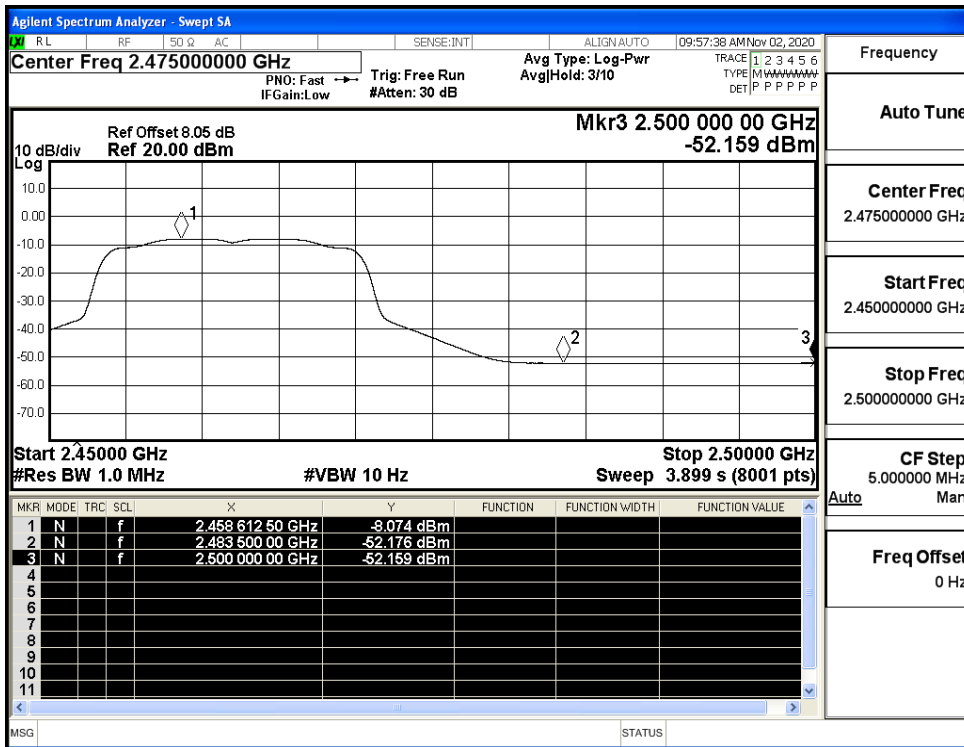
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Restrict-band band-edge measurements\_11G\_2462\_Ant1\_PEAK

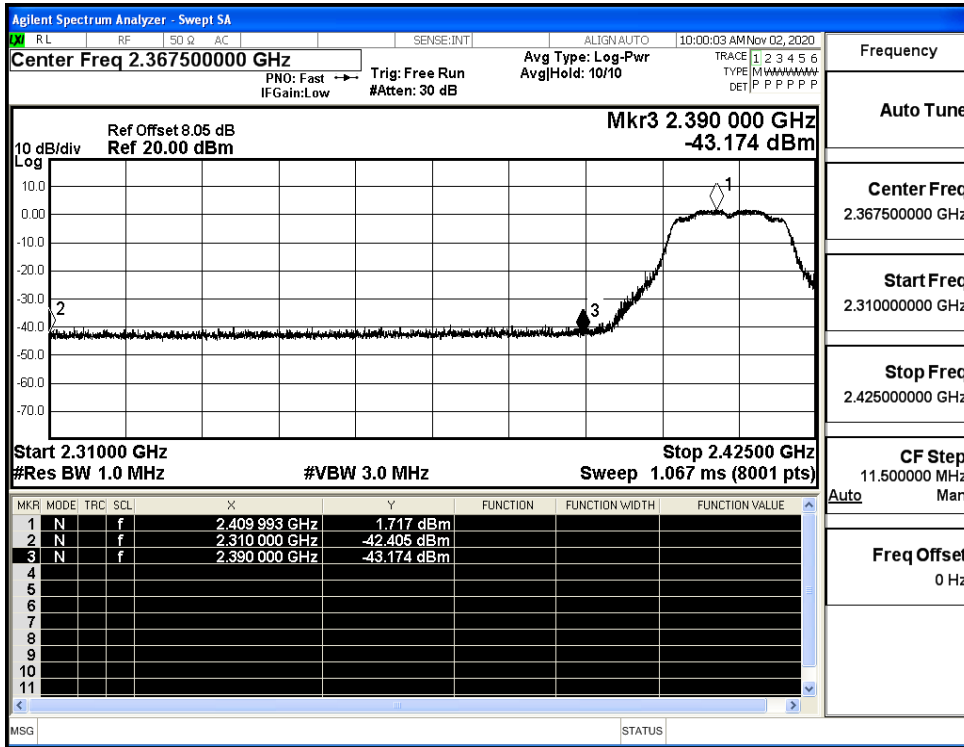


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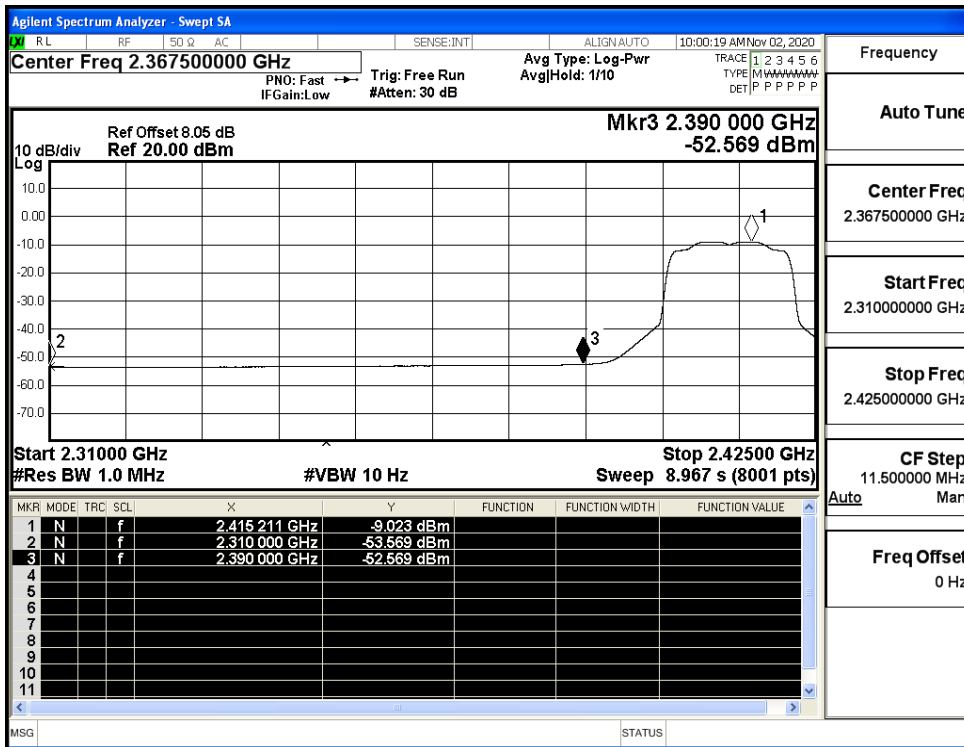




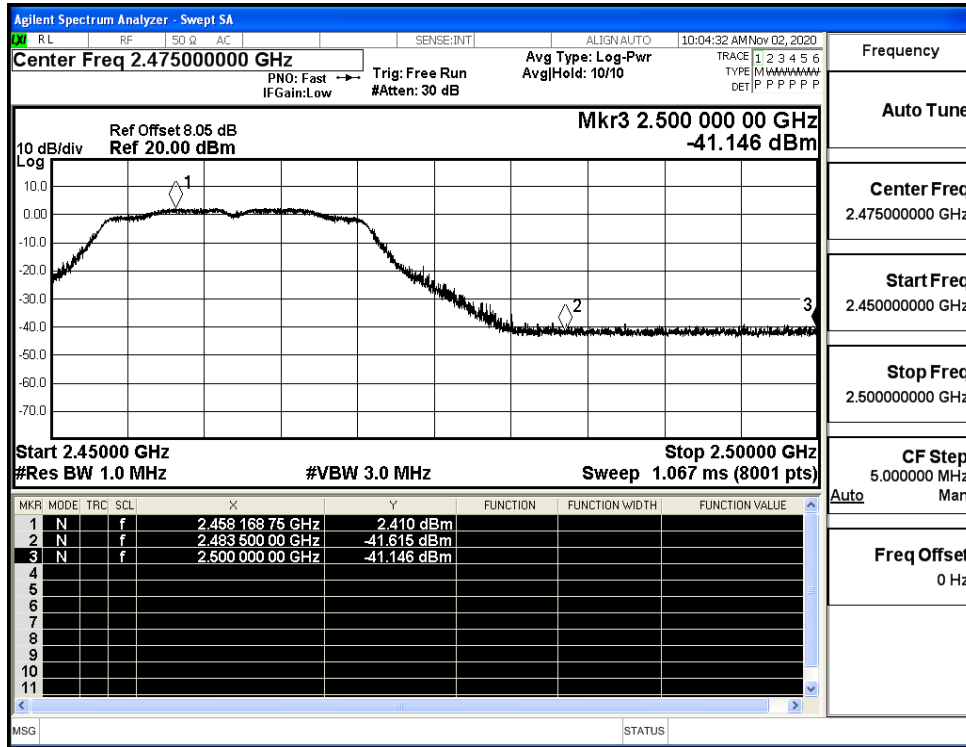
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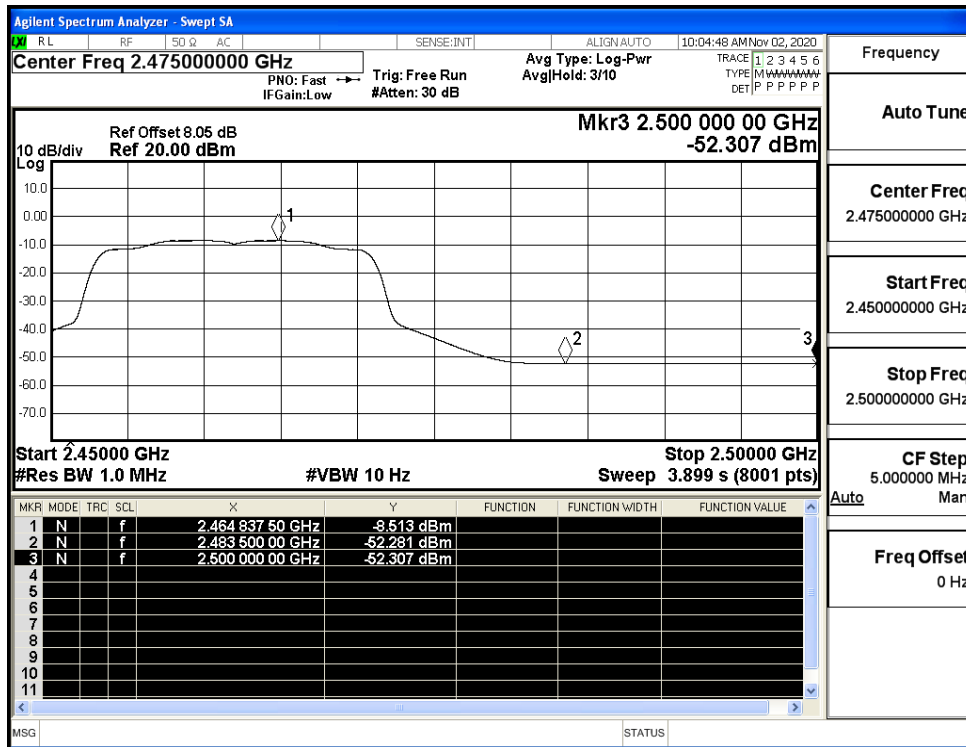
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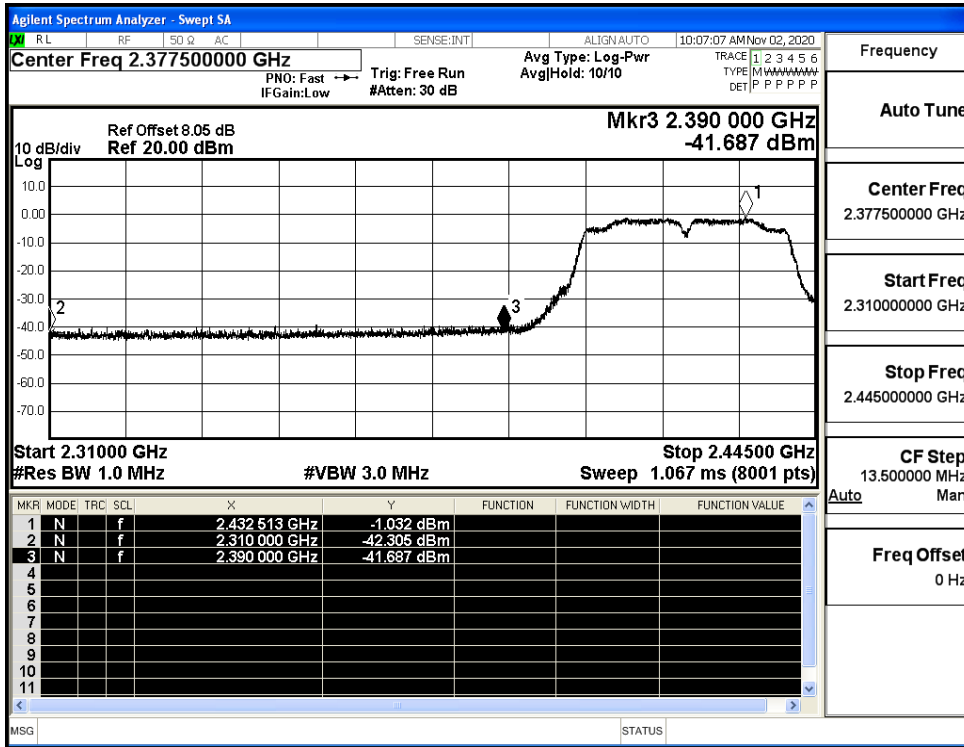
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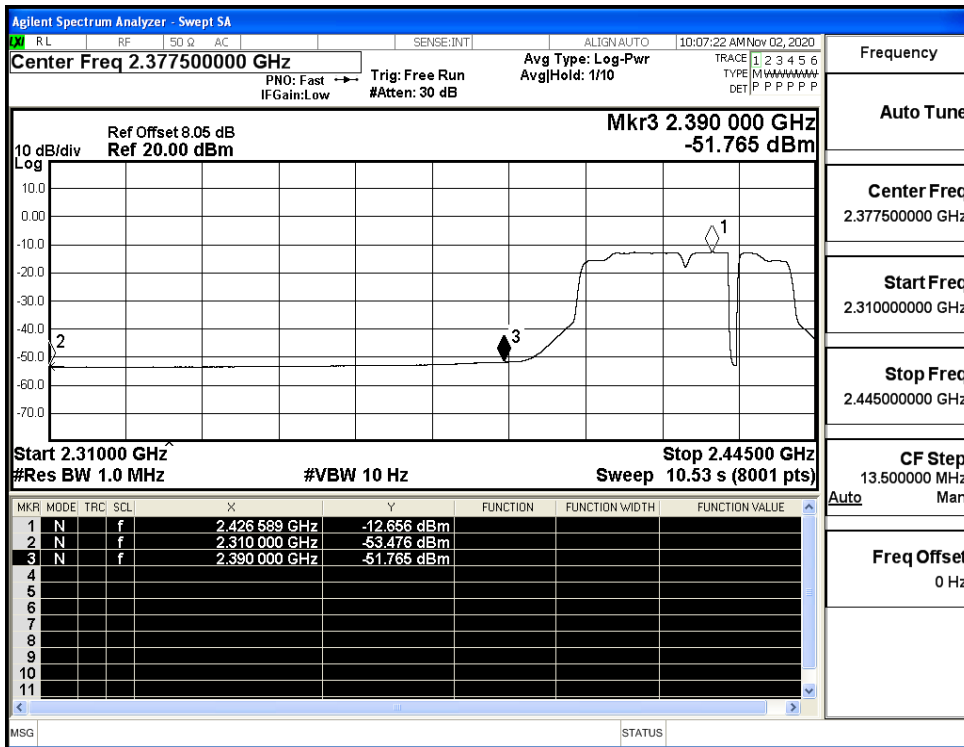
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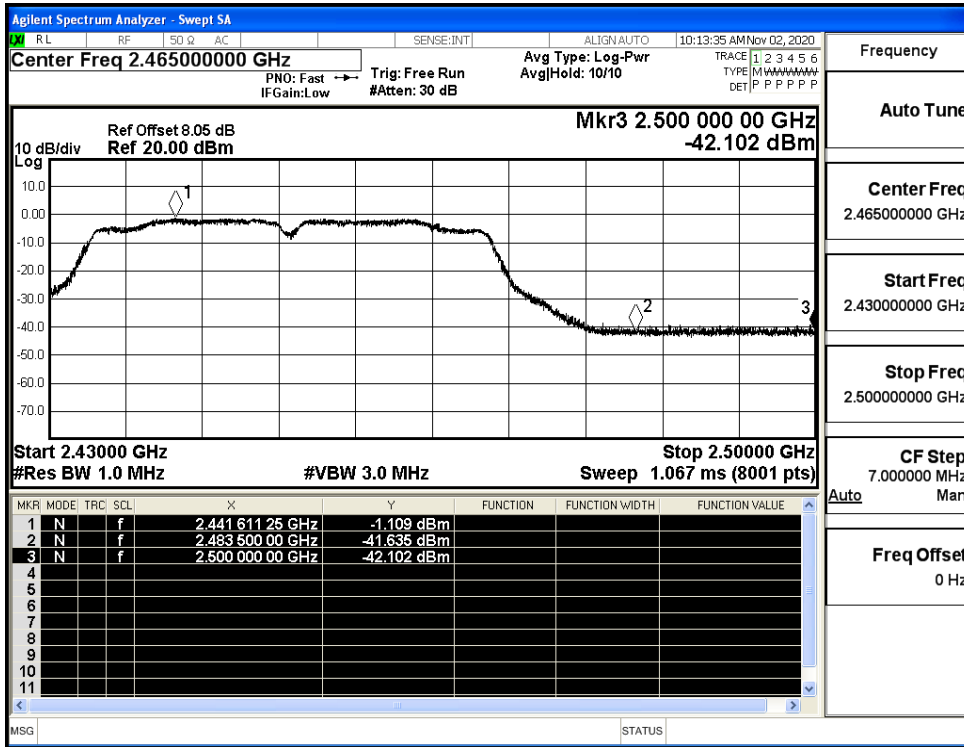
Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_PEAK



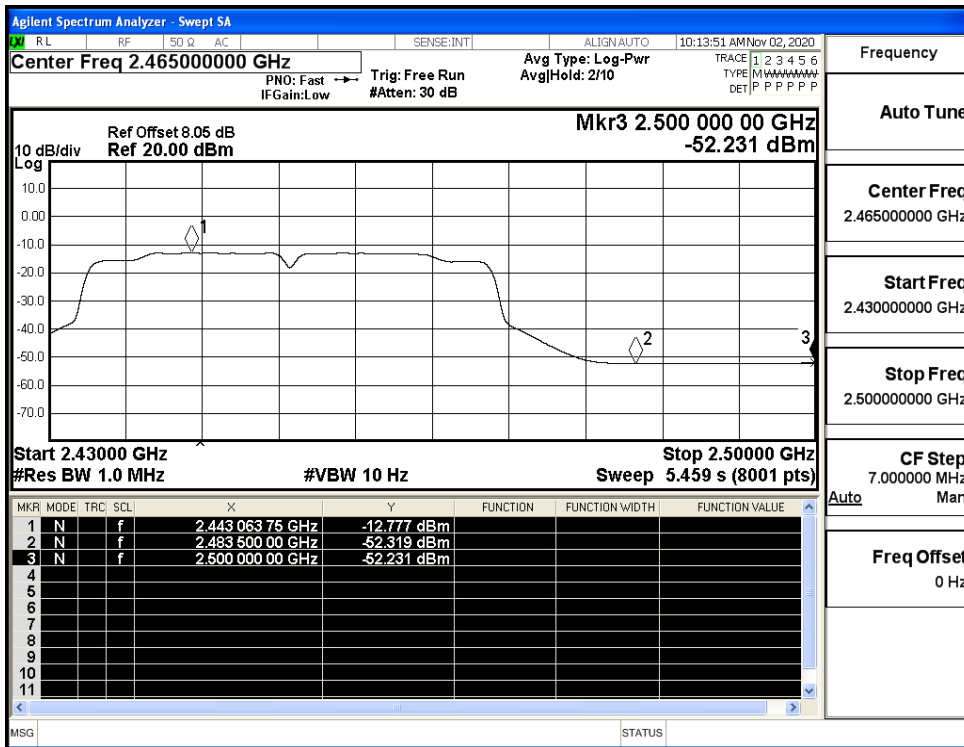
Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_AV



Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_PEAK



Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_AV



## MIMO

Test Mode	Test Channel	Freq.	ANT 0 Power [dBm]	ANT 1 Power [dBm]	MIMO Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11N20	2412	2310.0	-43.34	-42.41	-39.84	5.01	0	58.42	PEAK	74	PASS
	2412	2310.0	-53.53	-53.57	-50.54	5.01	0	47.72	AV	54	PASS
	2412	2390.0	-41.72	-43.17	-39.37	5.01	0	58.89	PEAK	74	PASS
	2412	2390.0	-52.47	-52.57	-49.51	5.01	0	48.75	AV	54	PASS
	2462	2483.5	-42.35	-41.62	-38.96	5.01	0	59.30	PEAK	74	PASS
	2462	2483.5	-52.01	-52.28	-49.13	5.01	0	49.13	AV	54	PASS
	2462	2500.0	-41.78	-41.15	-38.44	5.01	0	59.82	PEAK	74	PASS
	2462	2500.0	-52.12	-52.31	-49.20	5.01	0	49.06	AV	54	PASS
11N40	2422	2310.0	-43.03	-42.31	-39.64	5.01	0	58.62	PEAK	74	PASS
	2422	2310.0	-53.36	-53.48	-50.41	5.01	0	47.85	AV	54	PASS
	2422	2390.0	-40.75	-41.69	-38.18	5.01	0	60.08	PEAK	74	PASS
	2422	2390.0	-50.72	-51.77	-48.20	5.01	0	50.06	AV	54	PASS
	2452	2483.5	-40.72	-41.64	-38.15	5.01	0	60.11	PEAK	74	PASS
	2452	2483.5	-51.99	-52.32	-49.14	5.01	0	49.12	AV	54	PASS
	2452	2500.0	-42.67	-42.10	-39.37	5.01	0	58.89	PEAK	74	PASS
	2452	2500.0	-52.04	-52.23	-49.12	5.01	0	49.14	AV	54	PASS

Directional gain=3dBi+10 log (2) = 5.01dBi