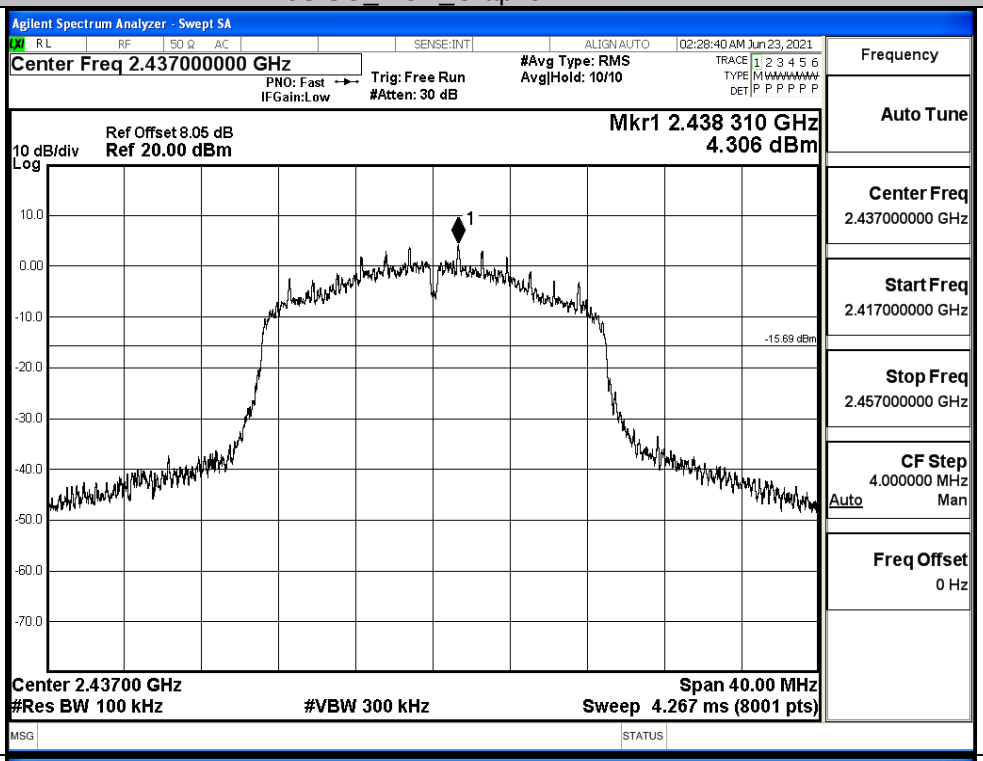
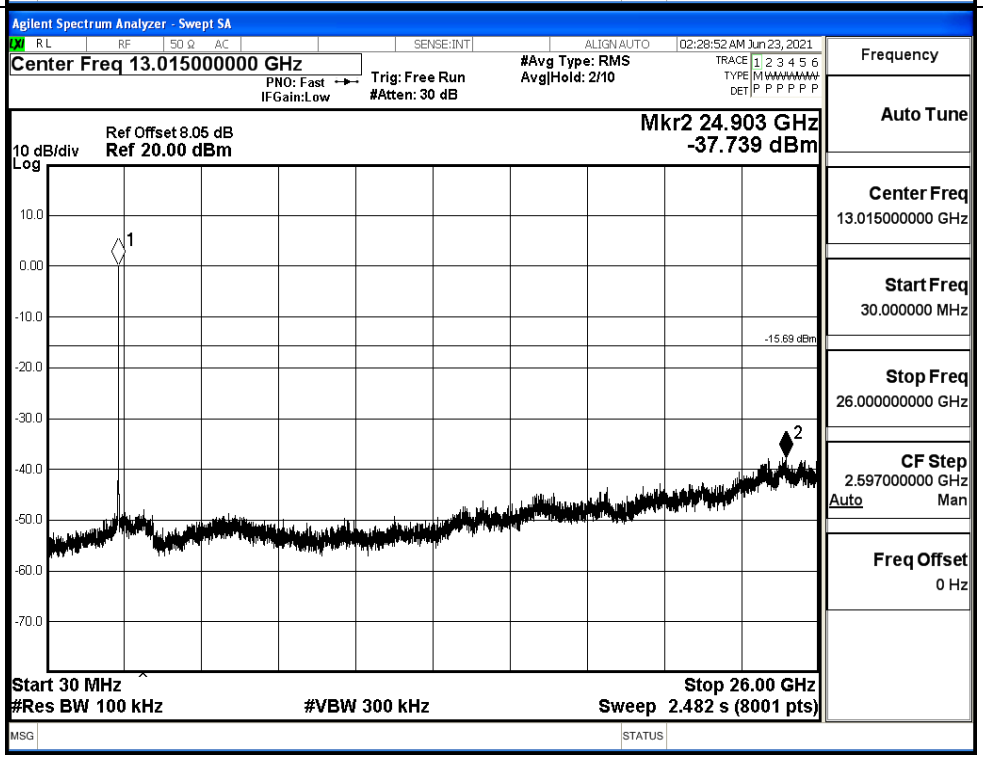
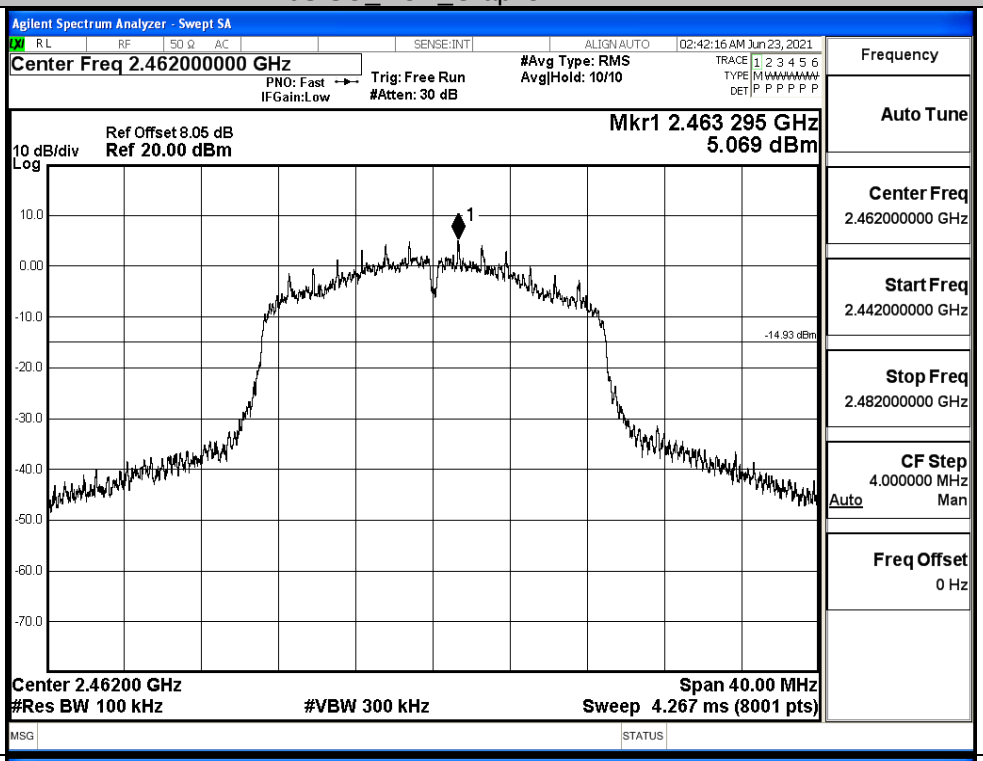
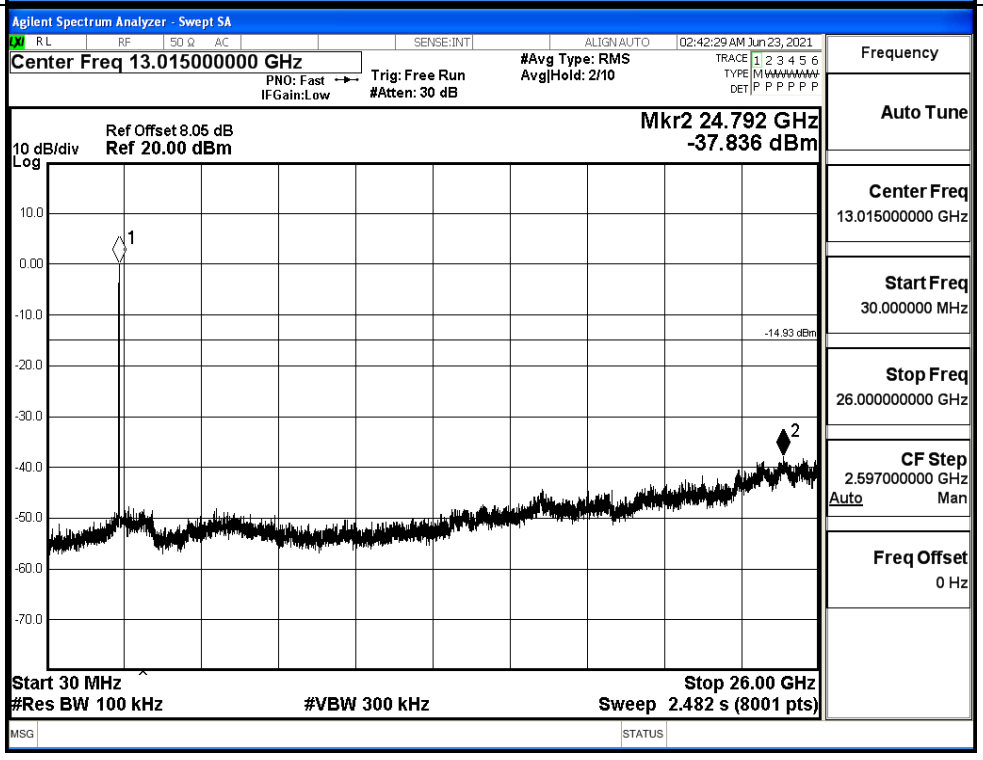
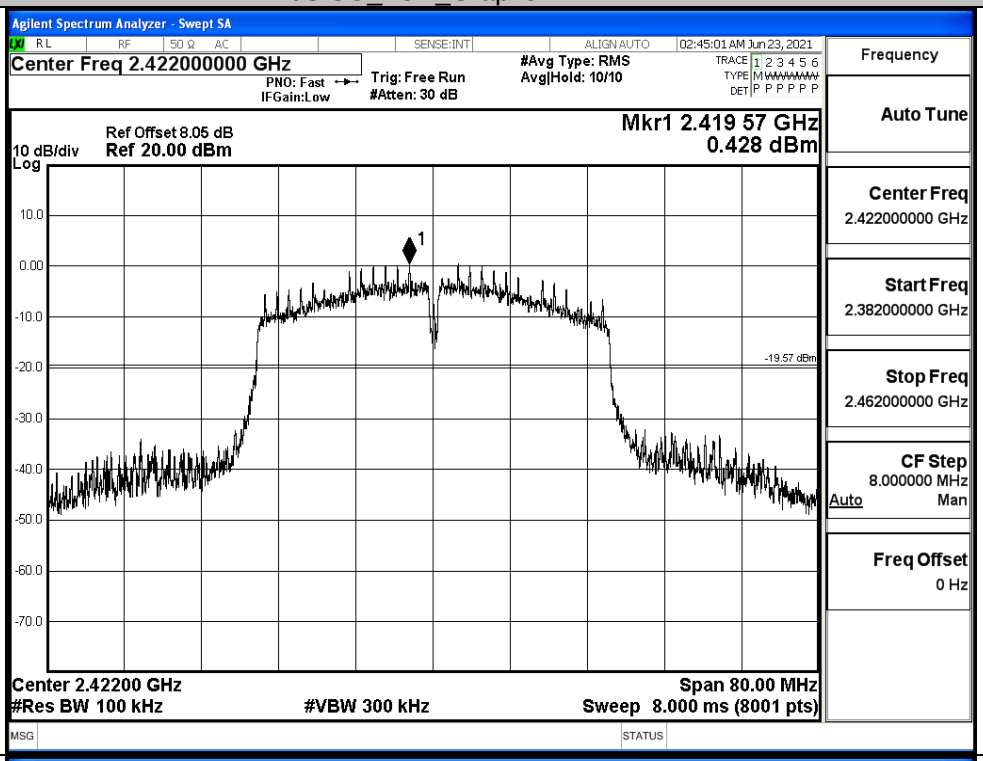
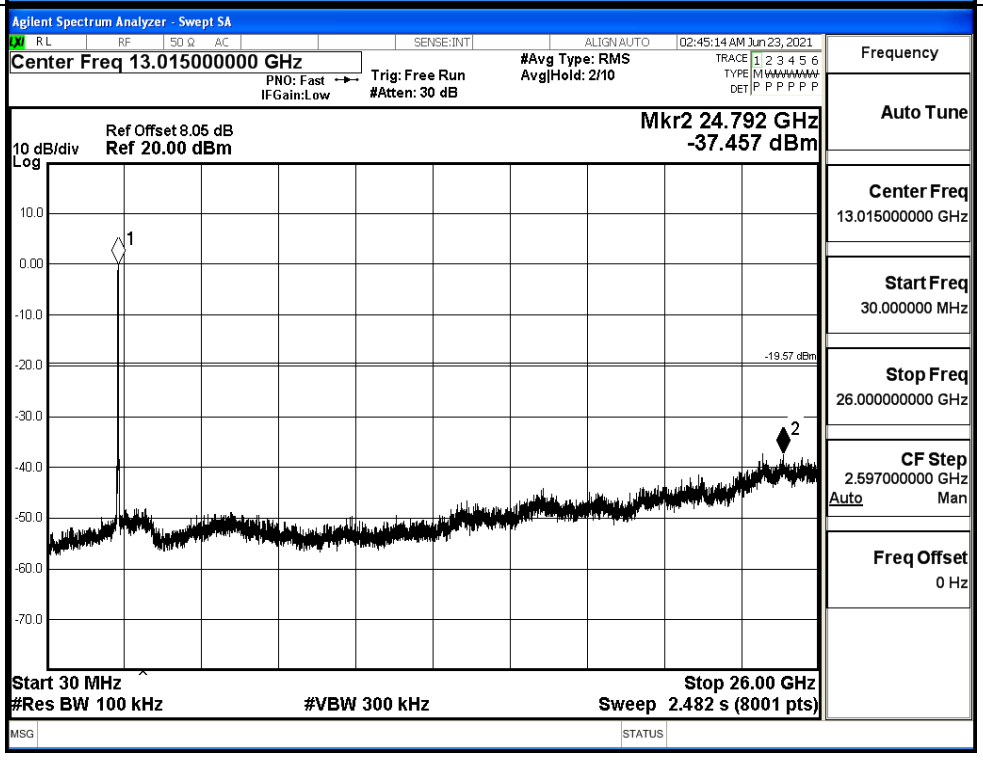
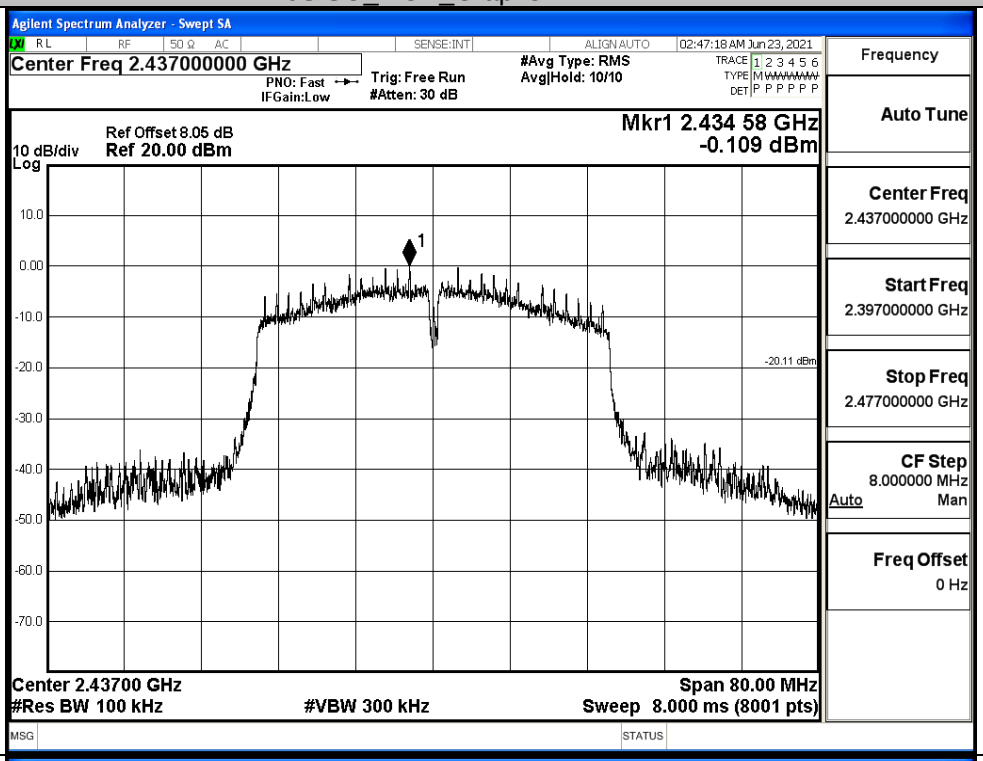
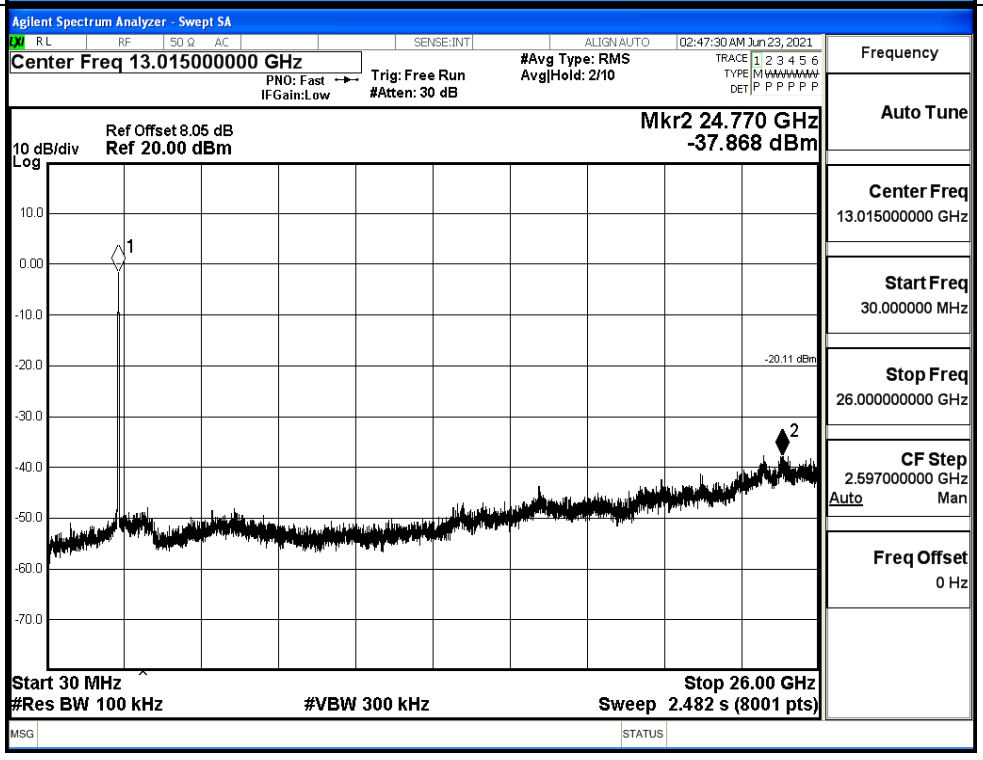
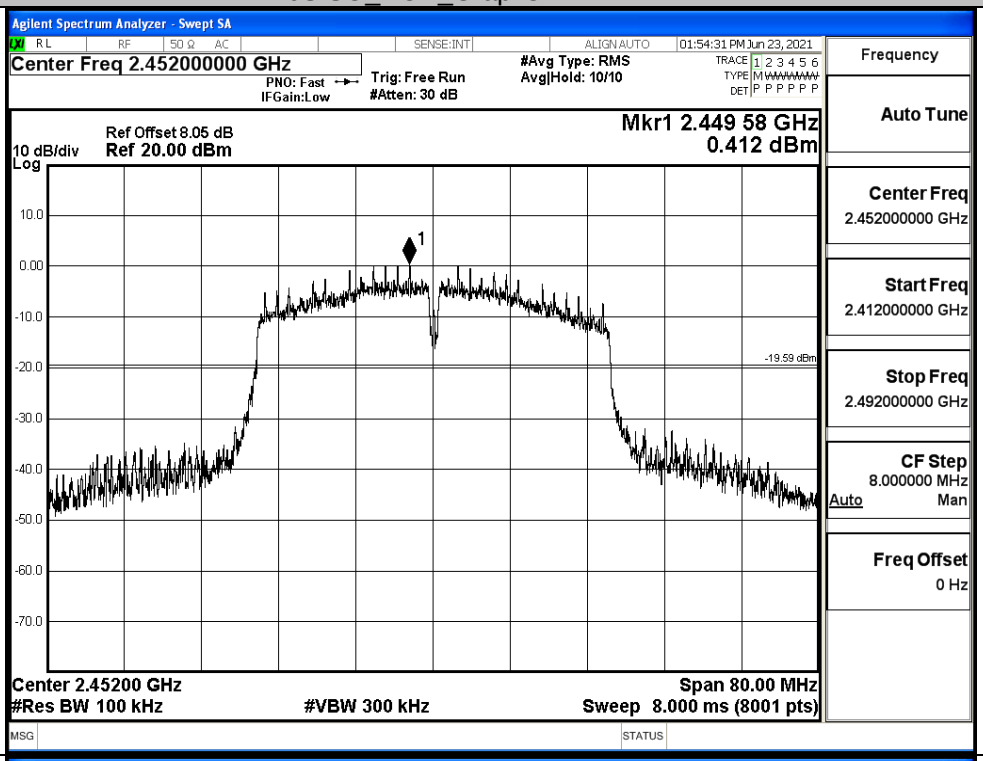
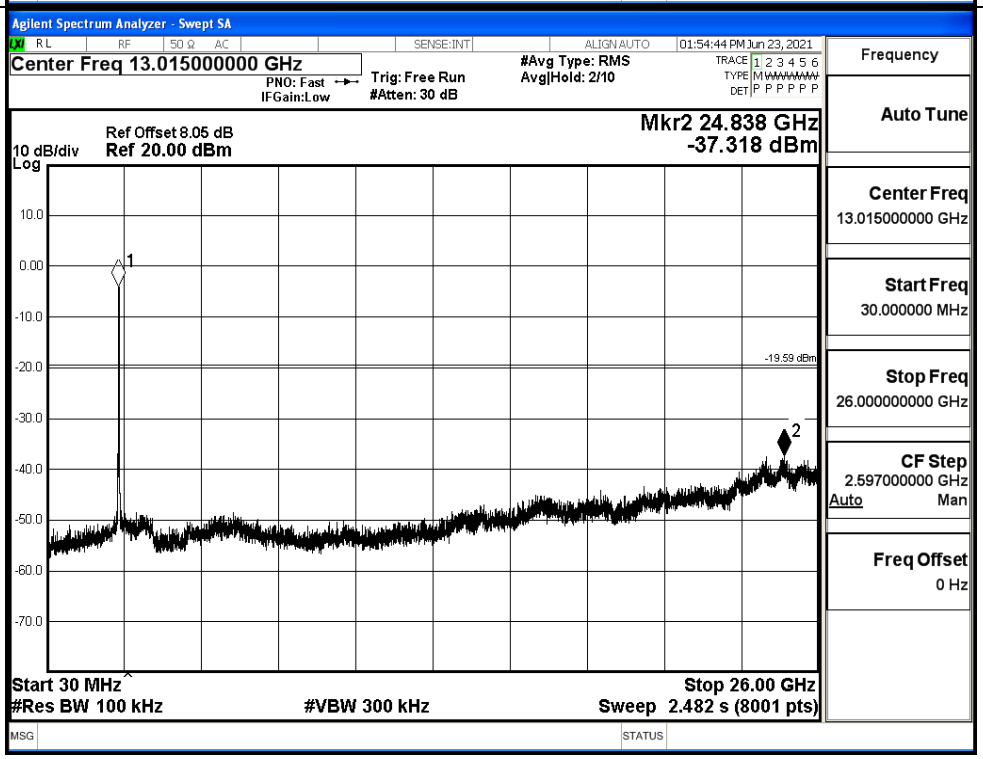
11N20SISO_MCH_Graphs	
Pref/11N20 SISO/MCH	
Puw/11N20 SISO/MCH	

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	

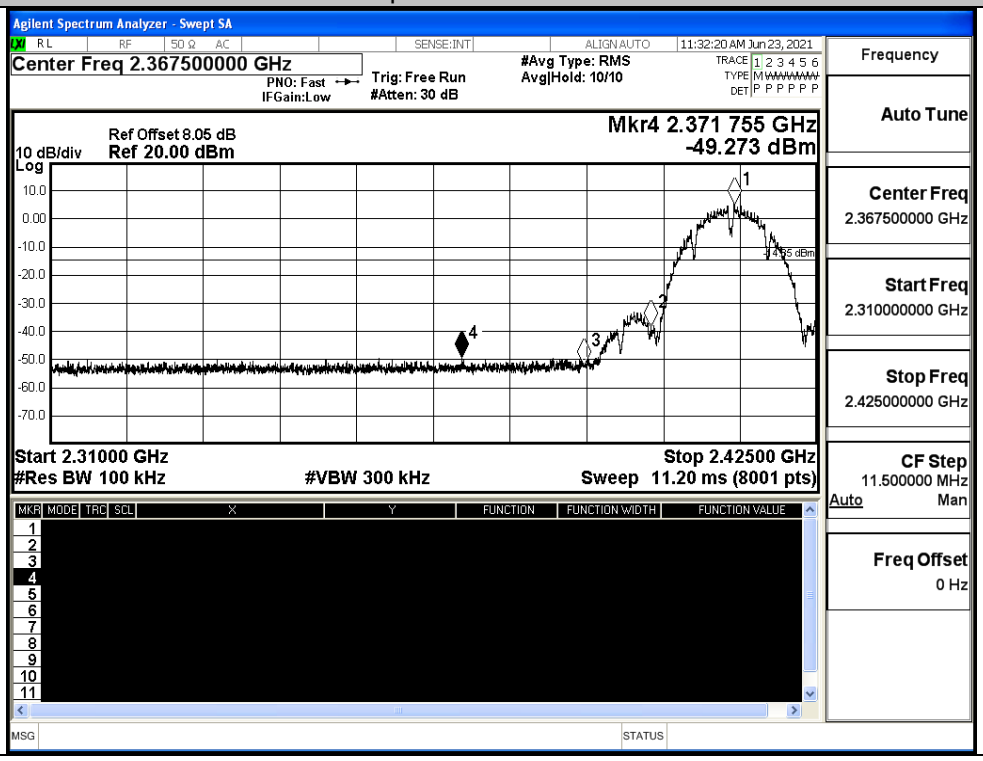
A.6 Band-edge for RF Conducted Emissions

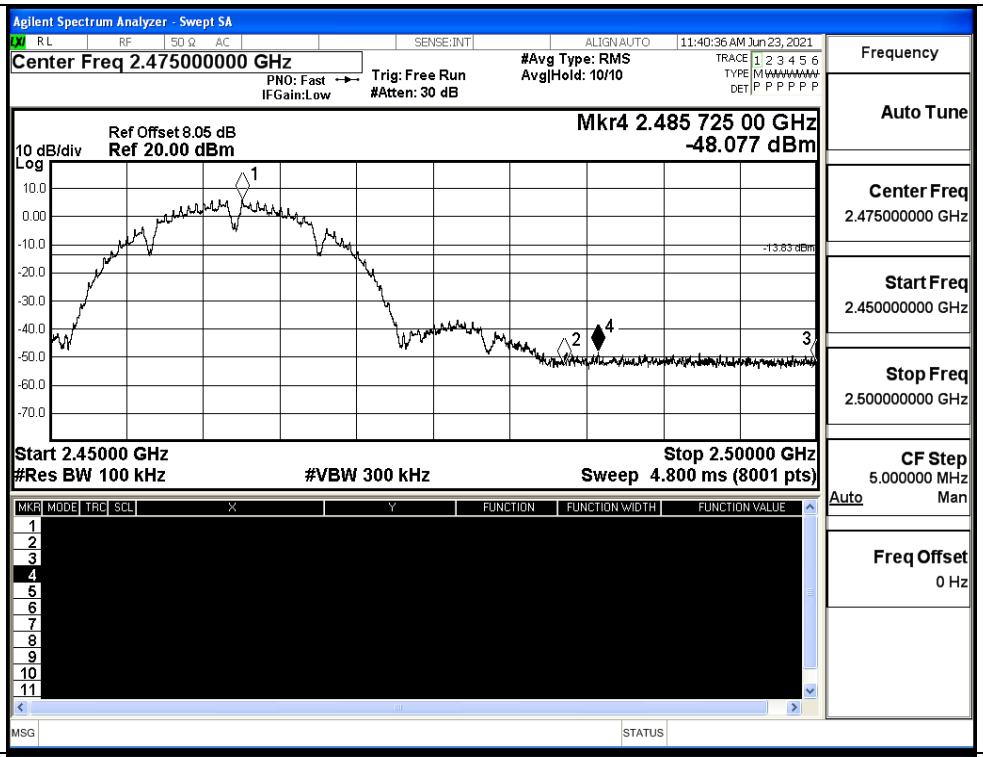
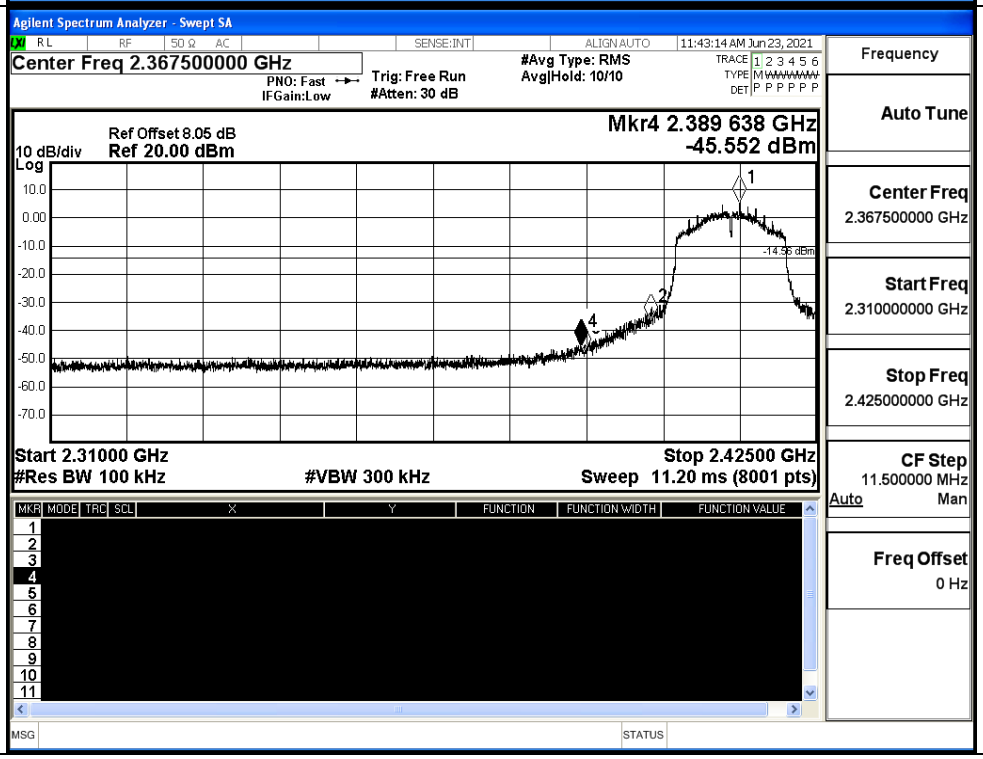
ANT0

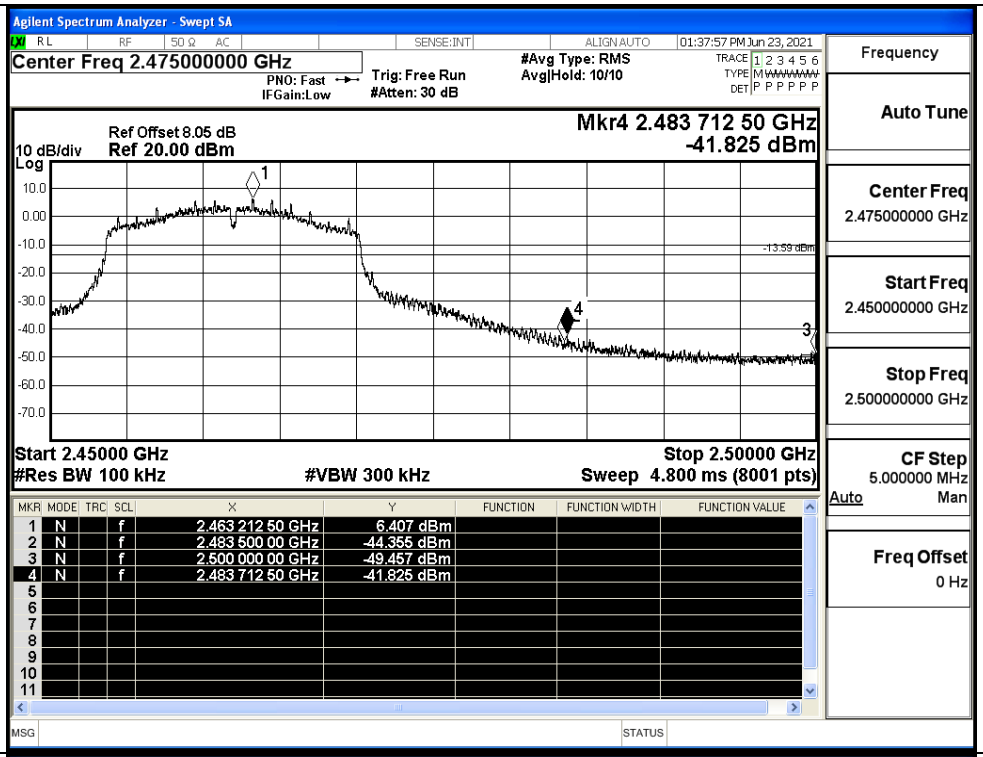
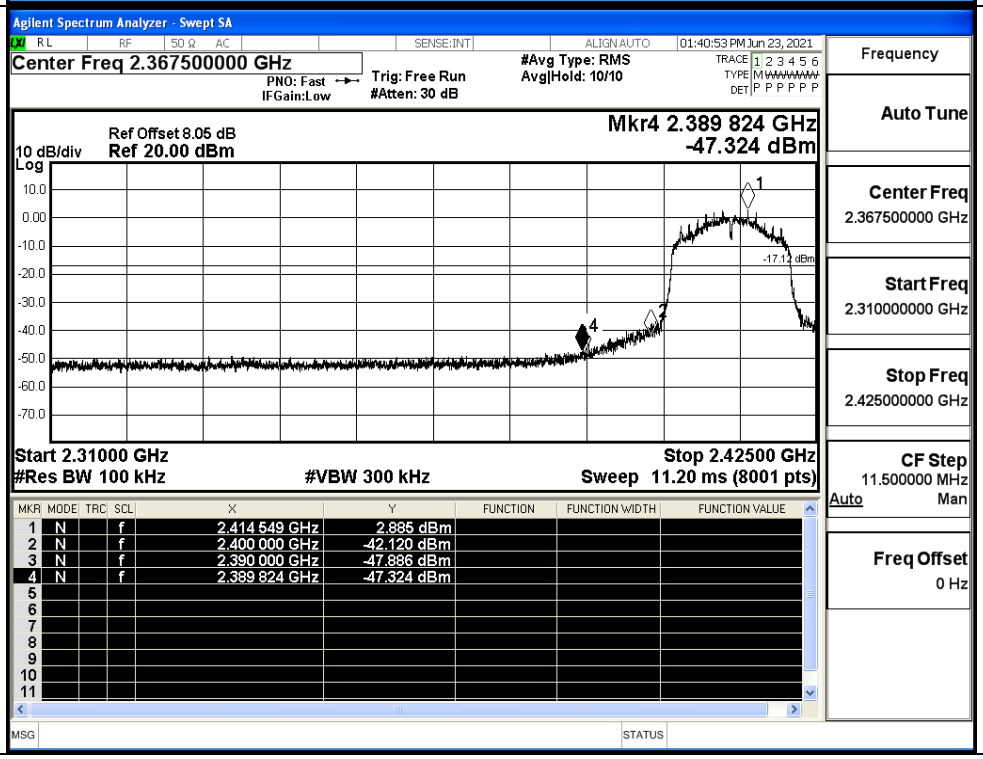
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.148	-49.273	-14.85	PASS
	HCH	6.172	-48.077	-13.83	PASS
11G	LCH	5.436	-45.552	-14.56	PASS
	HCH	6.407	-41.825	-13.59	PASS
11N20SISO	LCH	2.885	-47.324	-17.12	PASS
	HCH	4.614	-46.241	-15.39	PASS
11N40SISO	LCH	0.097	-37.311	-19.9	PASS
	HCH	0.400	-38.361	-19.6	PASS

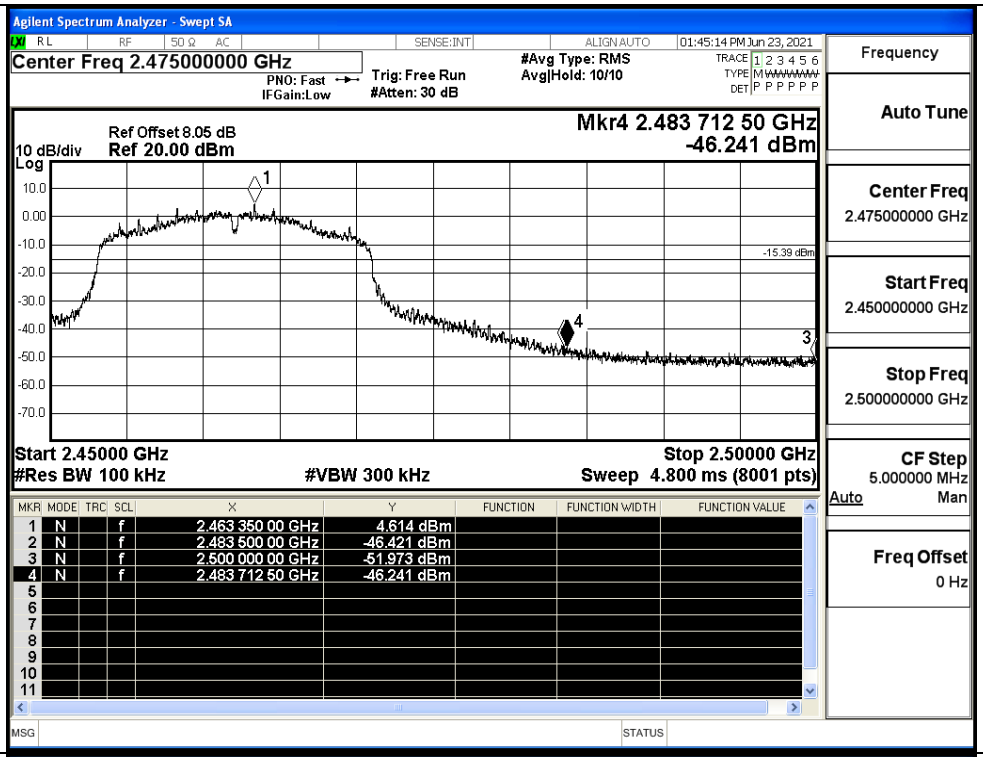
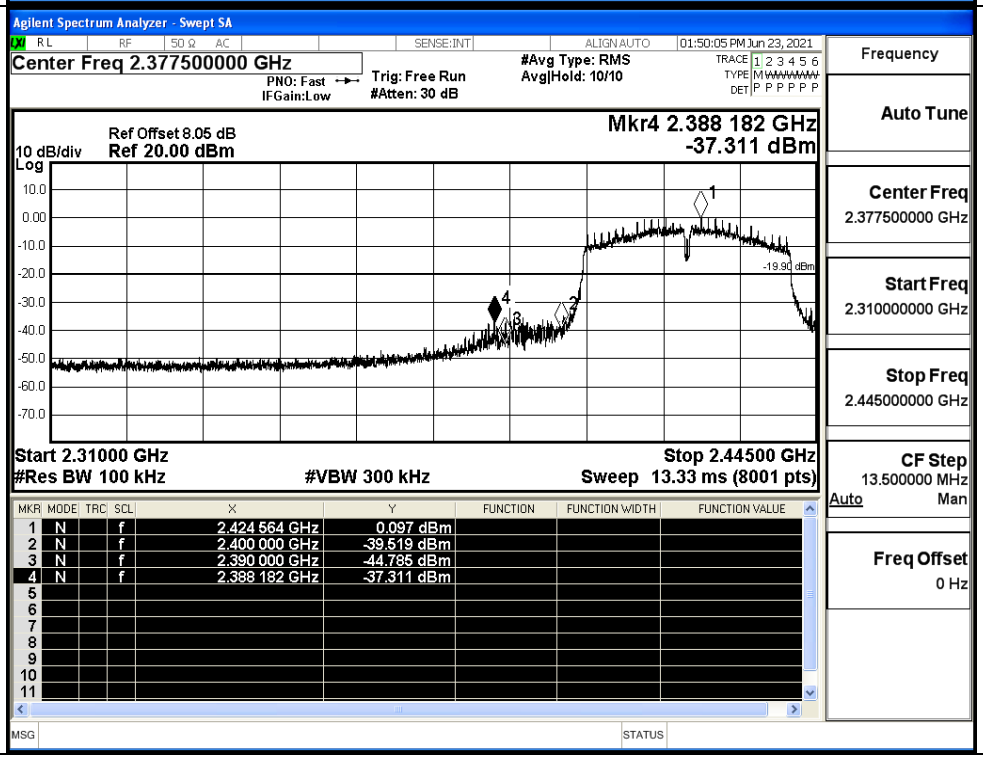
Test Graphs

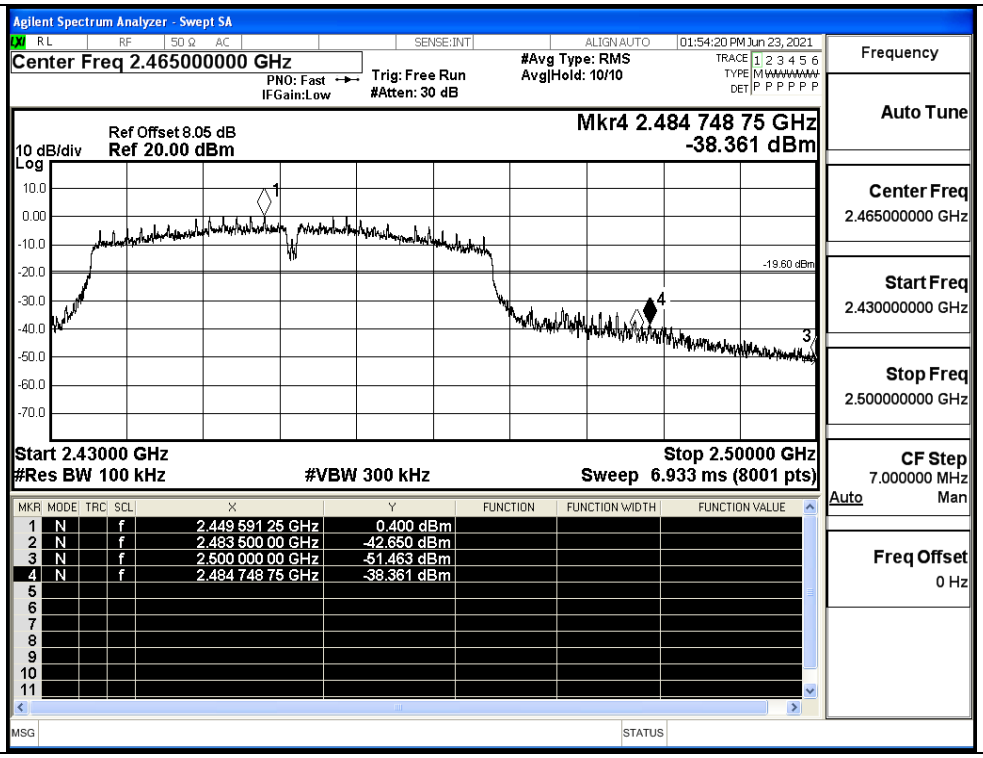
11B/LCH



11B/HCH	
11G/LCH	

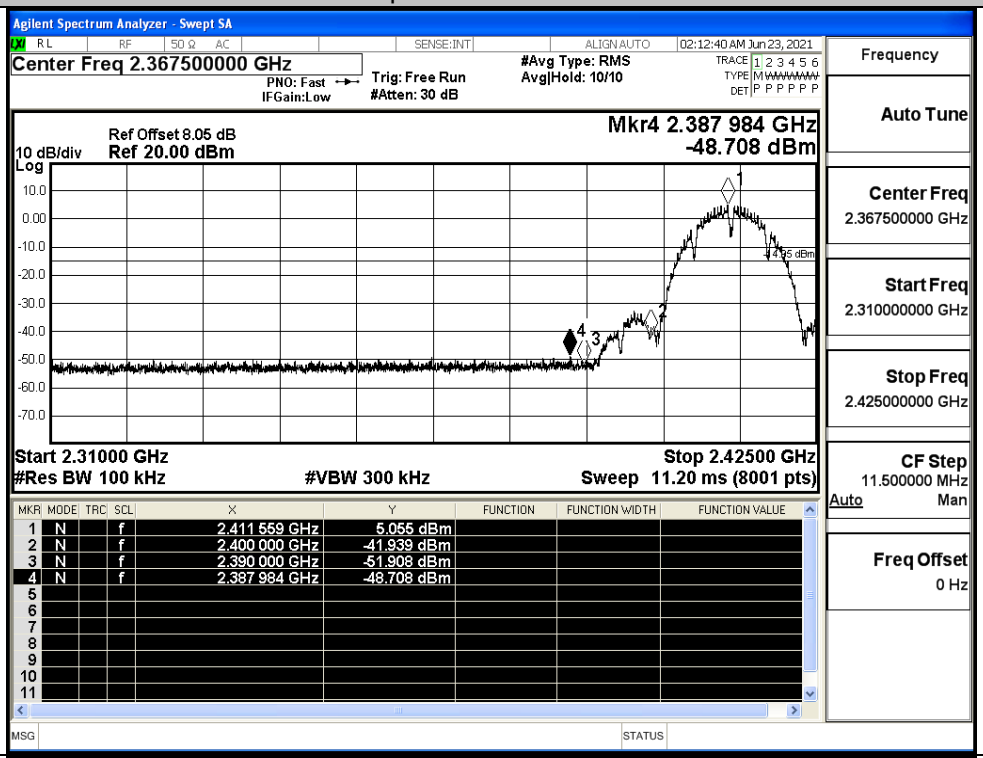
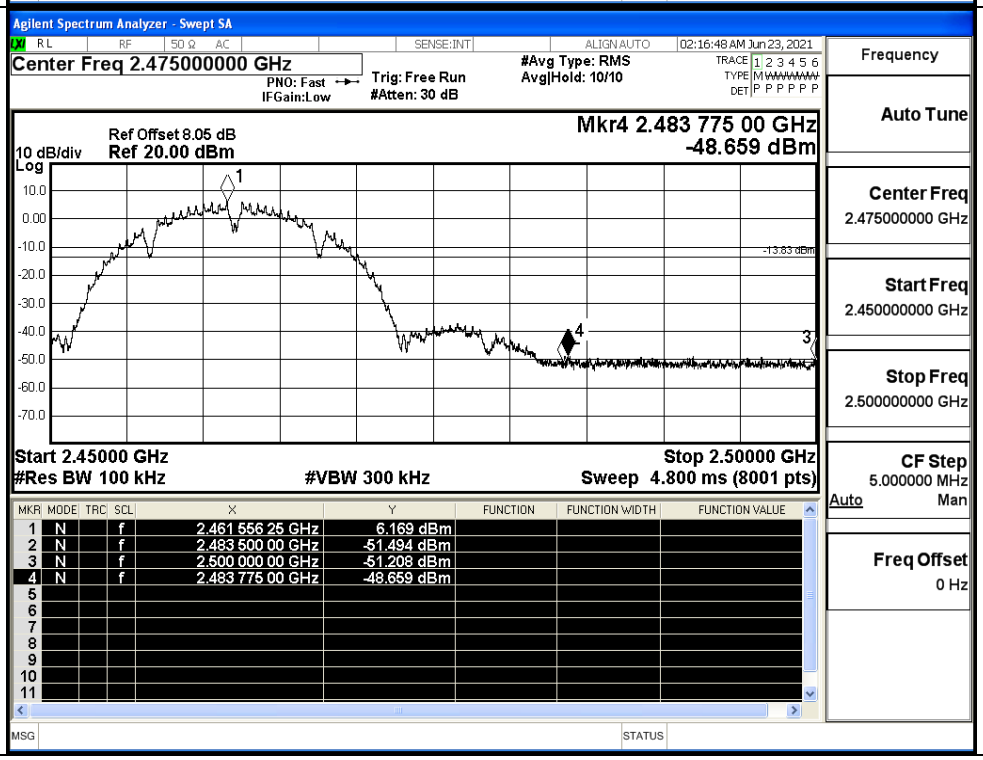
11G/HCH	
11N20SISO/LCH	

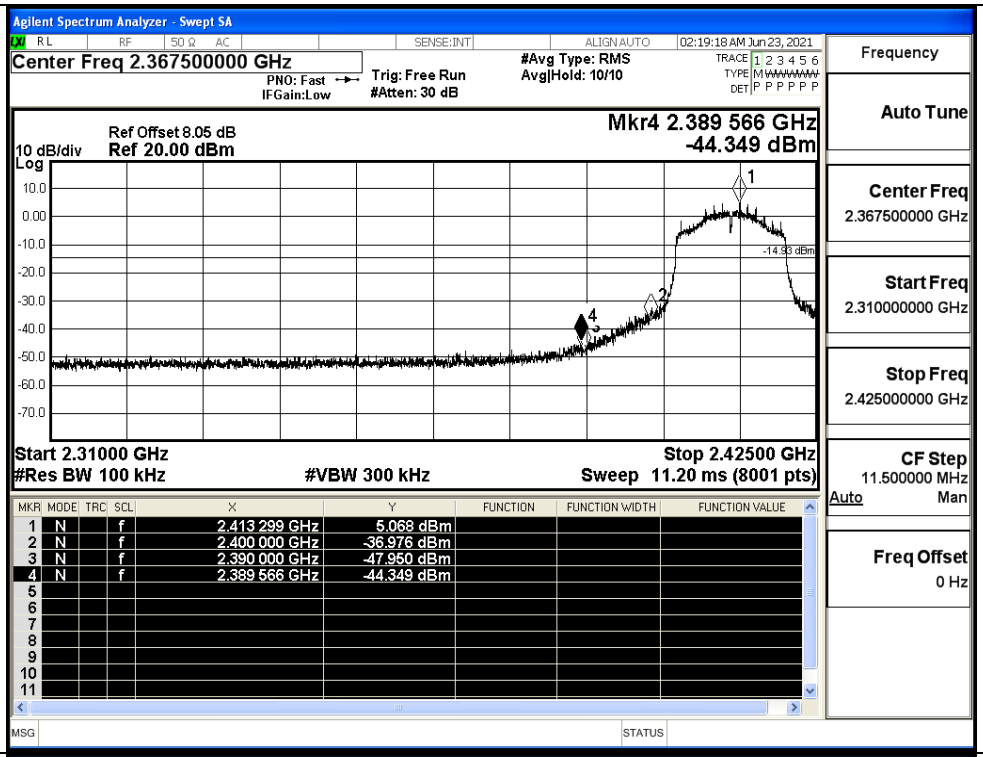
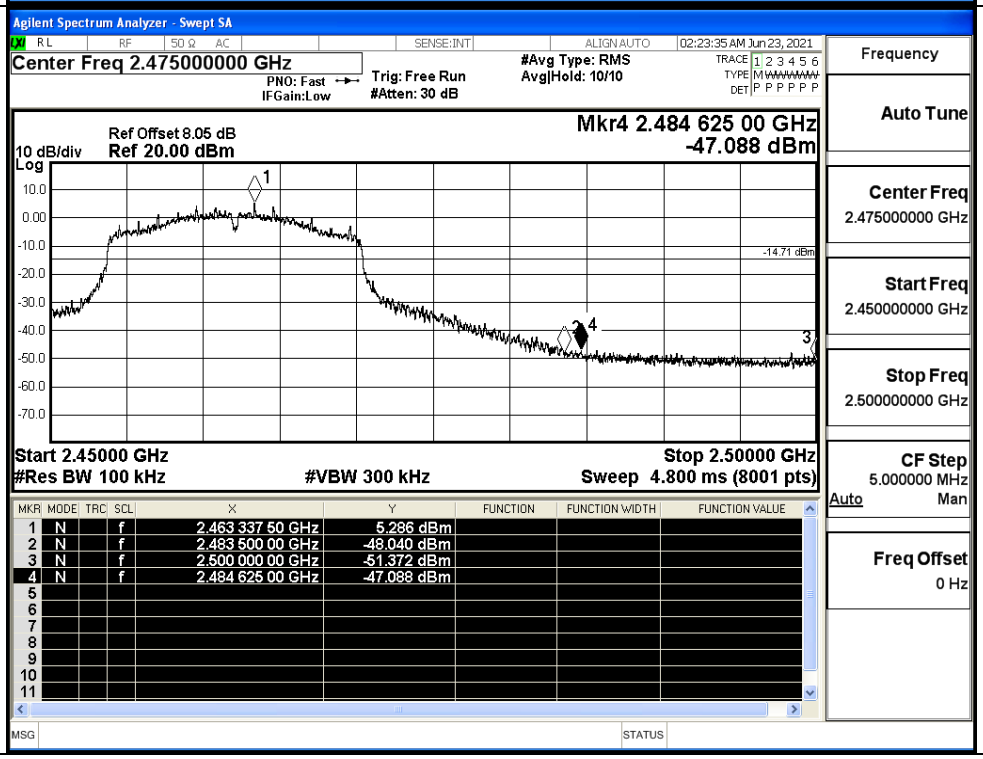
11N20SISO/HCH	
11N40SISO/LCH	

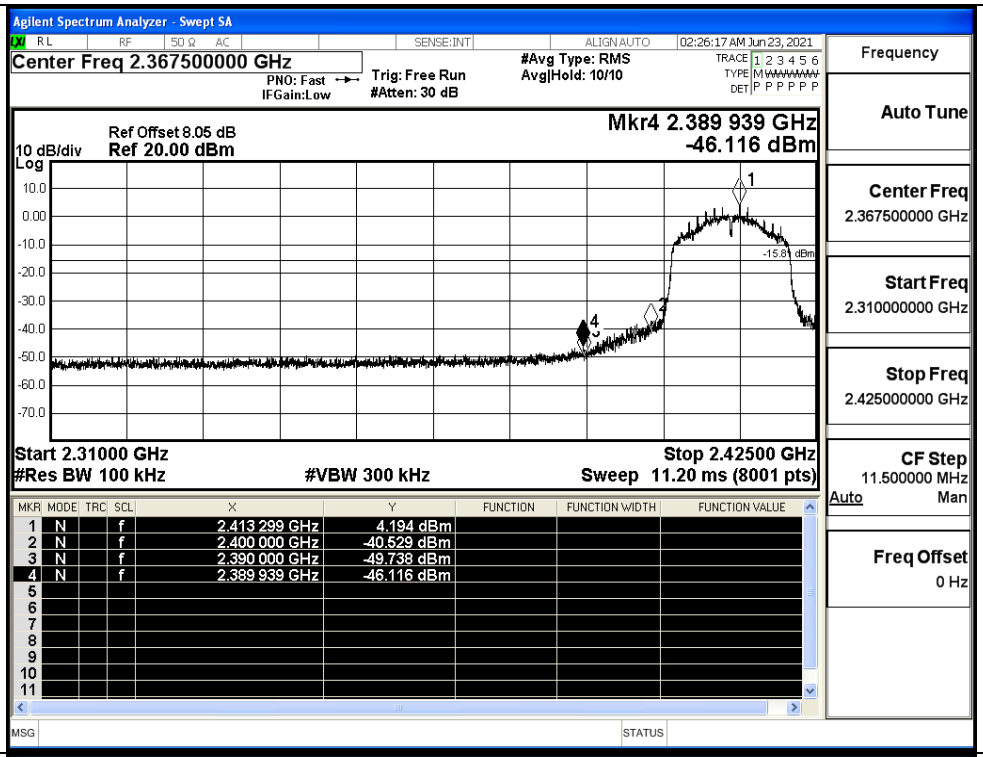
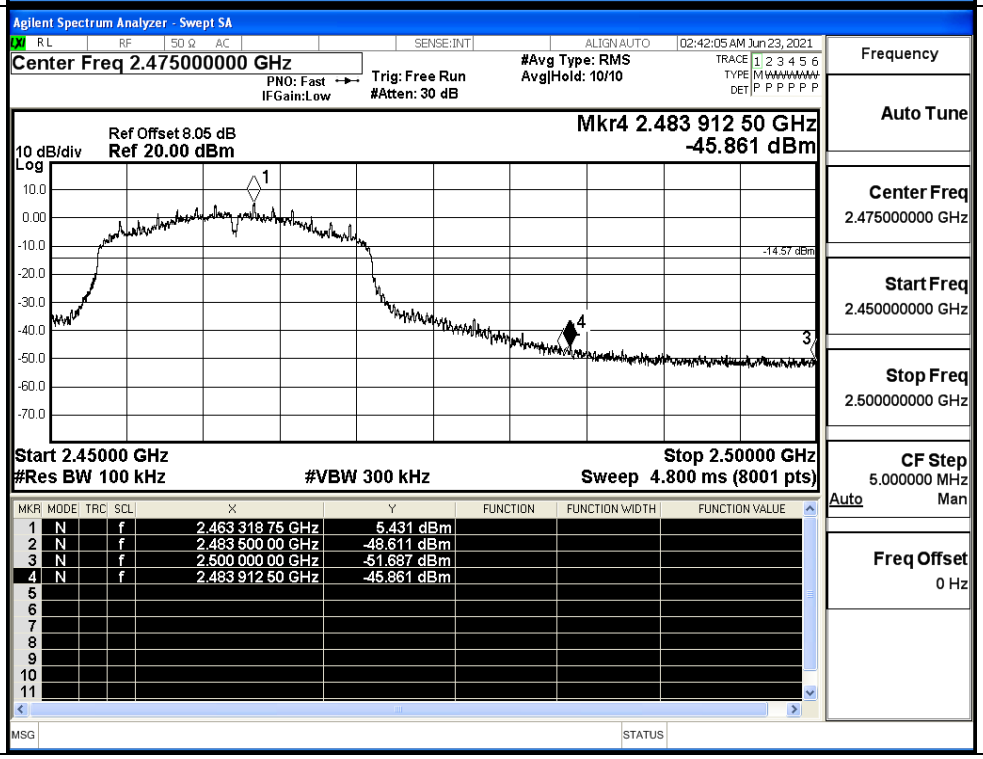
11N40SISO/HCH	

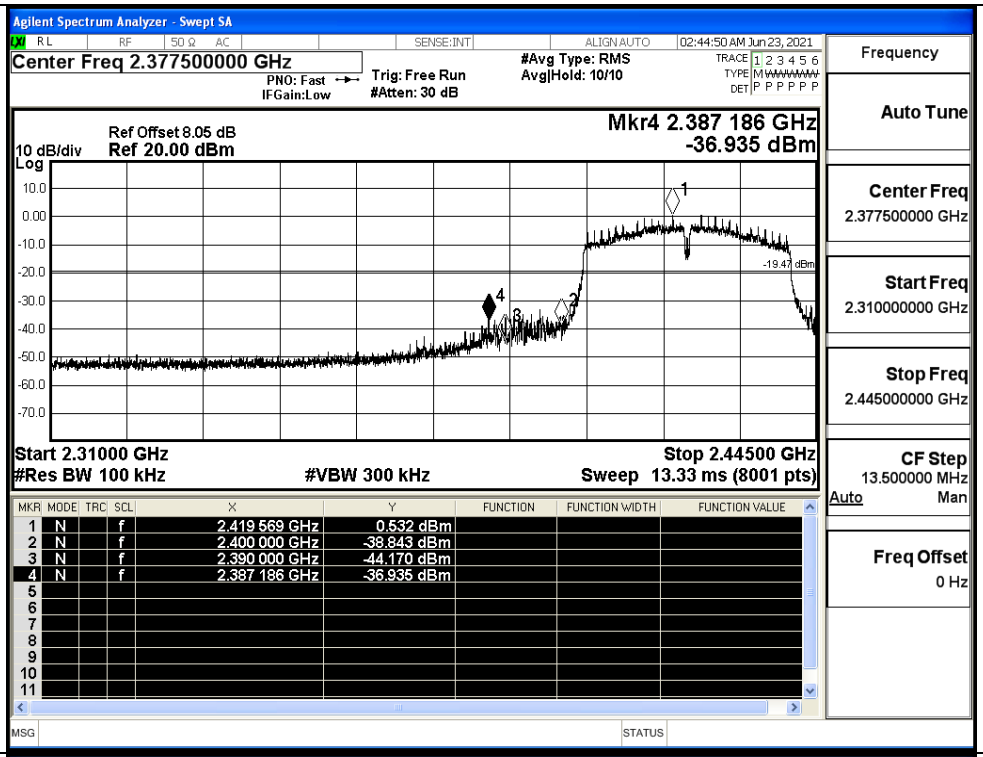
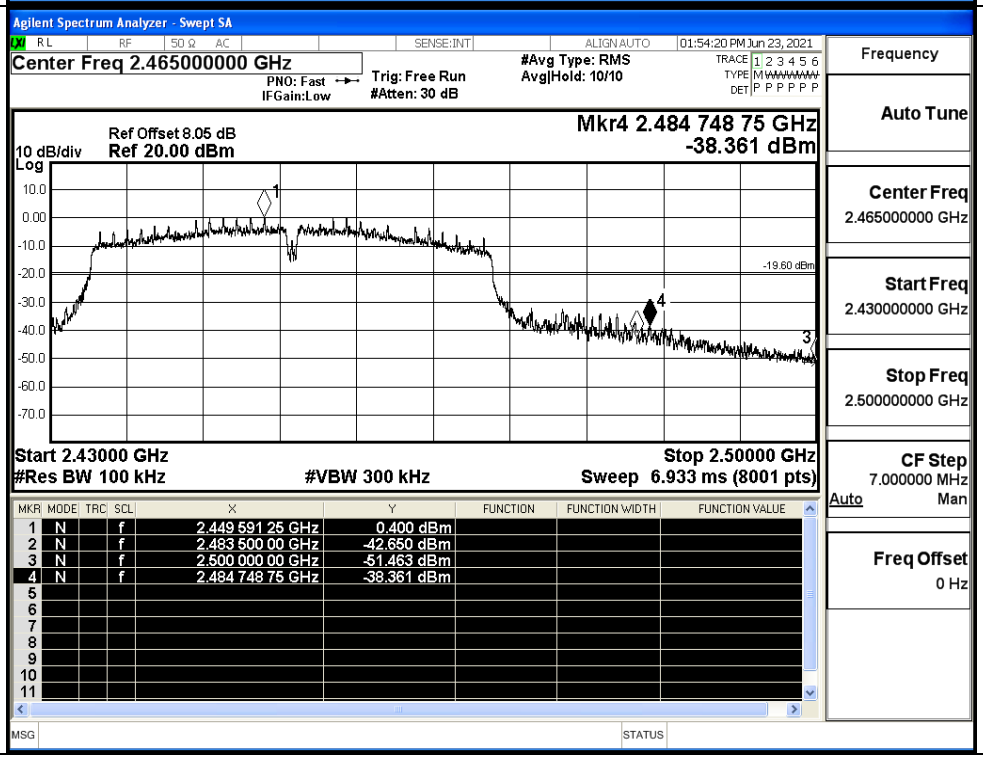
ANT1

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.055	-48.708	-14.95	PASS
	HCH	6.169	-48.659	-13.83	PASS
11G	LCH	5.068	-44.349	-14.93	PASS
	HCH	5.286	-47.088	-14.71	PASS
11N20SISO	LCH	4.194	-46.116	-15.81	PASS
	HCH	5.431	-45.861	-14.57	PASS
11N40SISO	LCH	0.532	-36.935	-19.47	PASS
	HCH	0.400	-38.361	-19.6	PASS

Test Graphs	
11B/LCH	
11B/HCH	

11G/LCH	
11G/HCH	

11N20SISO/LCH	
11N20SISO/HCH	

11N40SISO/LCH	
11N40SISO/HCH	

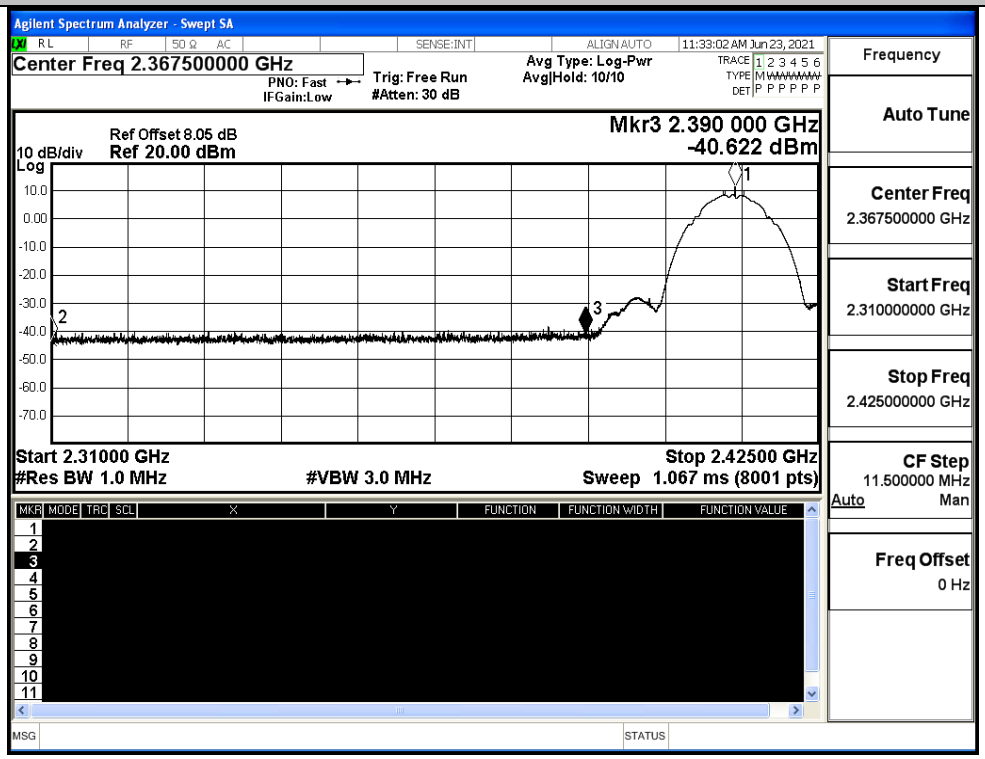
A.8 Restrict-band band-edge measurements

ANT0

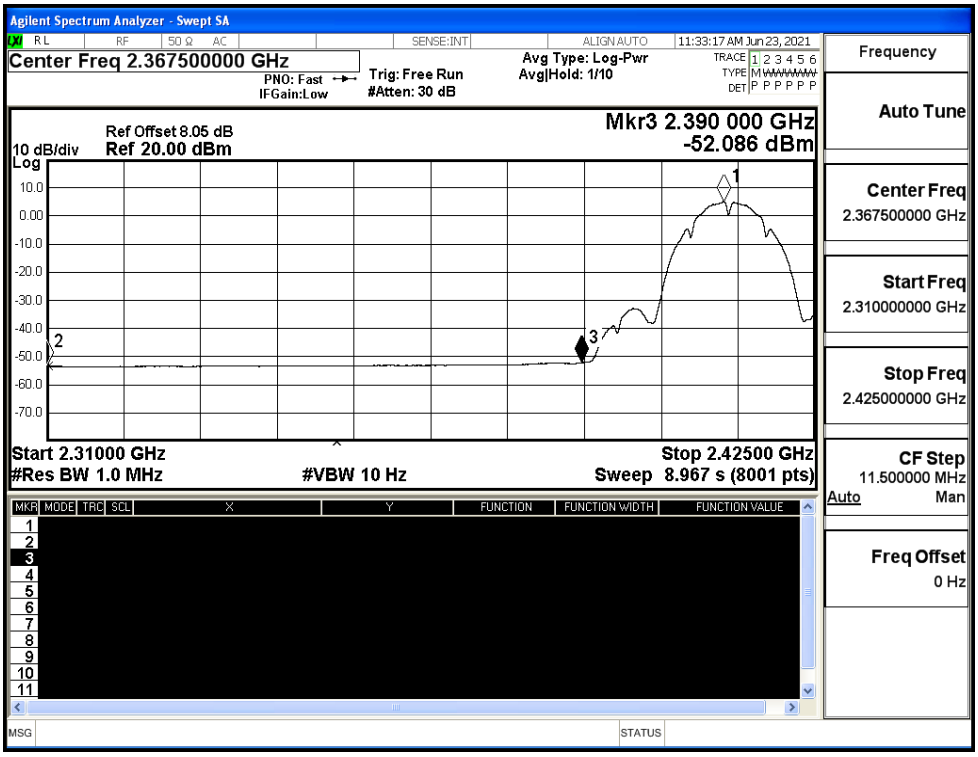
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-43.83	2.0	0	51.43	PEAK	74	PASS
	2412	Ant1	2310.0	-53.49	2.0	0	41.76	AV	54	PASS
	2412	Ant1	2390.0	-40.62	2.0	0	54.64	PEAK	74	PASS
	2412	Ant1	2390.0	-52.09	2.0	0	43.17	AV	54	PASS
	2462	Ant1	2483.5	-40.07	2.0	0	55.18	PEAK	74	PASS
	2462	Ant1	2483.5	-51.94	2.0	0	43.32	AV	54	PASS
	2462	Ant1	2500.0	-41.39	2.0	0	53.87	PEAK	74	PASS
	2462	Ant1	2500.0	-52.15	2.0	0	43.11	AV	54	PASS
11G	2412	Ant1	2310.0	-43.14	2.0	0	52.12	PEAK	74	PASS
	2412	Ant1	2310.0	-52.88	2.0	0	42.38	AV	54	PASS
	2412	Ant1	2390.0	-35.79	2.0	0	59.47	PEAK	74	PASS
	2412	Ant1	2390.0	-47.76	2.0	0	47.50	AV	54	PASS
	2462	Ant1	2483.5	-35.57	2.0	0	59.69	PEAK	74	PASS
	2462	Ant1	2483.5	-47.88	2.0	0	47.37	AV	54	PASS
	2462	Ant1	2500.0	-40.87	2.0	0	54.39	PEAK	74	PASS
	2462	Ant1	2500.0	-51.60	2.0	0	43.65	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.72	2.0	0	52.53	PEAK	74	PASS
	2412	Ant1	2310.0	-52.81	2.0	0	42.44	AV	54	PASS
	2412	Ant1	2390.0	-38.95	2.0	0	56.31	PEAK	74	PASS
	2412	Ant1	2390.0	-49.47	2.0	0	45.79	AV	54	PASS
	2462	Ant1	2483.5	-35.90	2.0	0	59.36	PEAK	74	PASS
	2462	Ant1	2483.5	-47.89	2.0	0	47.37	AV	54	PASS
	2462	Ant1	2500.0	-41.78	2.0	0	53.48	PEAK	74	PASS
	2462	Ant1	2500.0	-51.75	2.0	0	43.51	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-42.45	2.0	0	52.81	PEAK	74	PASS
	2422	Ant1	2310.0	-52.66	2.0	0	42.60	AV	54	PASS

	2422	Ant1	2390.0	-29.63	2.0	0	65.63	PEAK	74	PASS
	2422	Ant1	2390.0	-45.29	2.0	0	49.96	AV	54	PASS
	2452	Ant1	2483.5	-24.56	2.0	0	70.70	PEAK	74	PASS
	2452	Ant1	2483.5	-42.83	2.0	0	52.43	AV	54	PASS
	2452	Ant1	2500.0	-38.64	2.0	0	56.62	PEAK	74	PASS
	2452	Ant1	2500.0	-50.40	2.0	0	44.86	AV	54	PASS

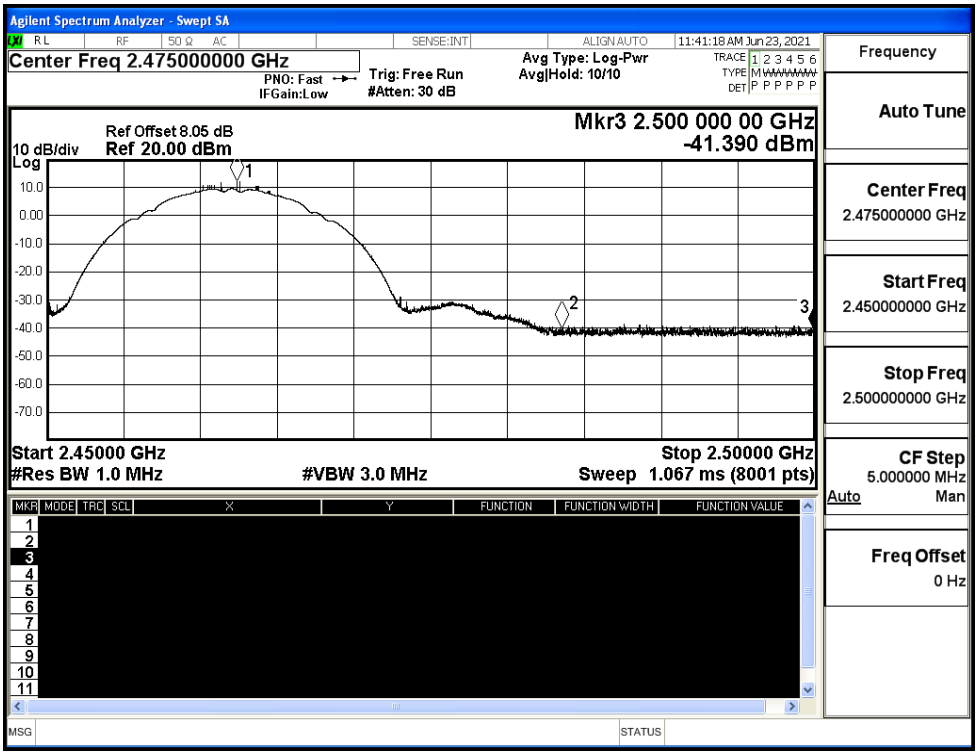
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



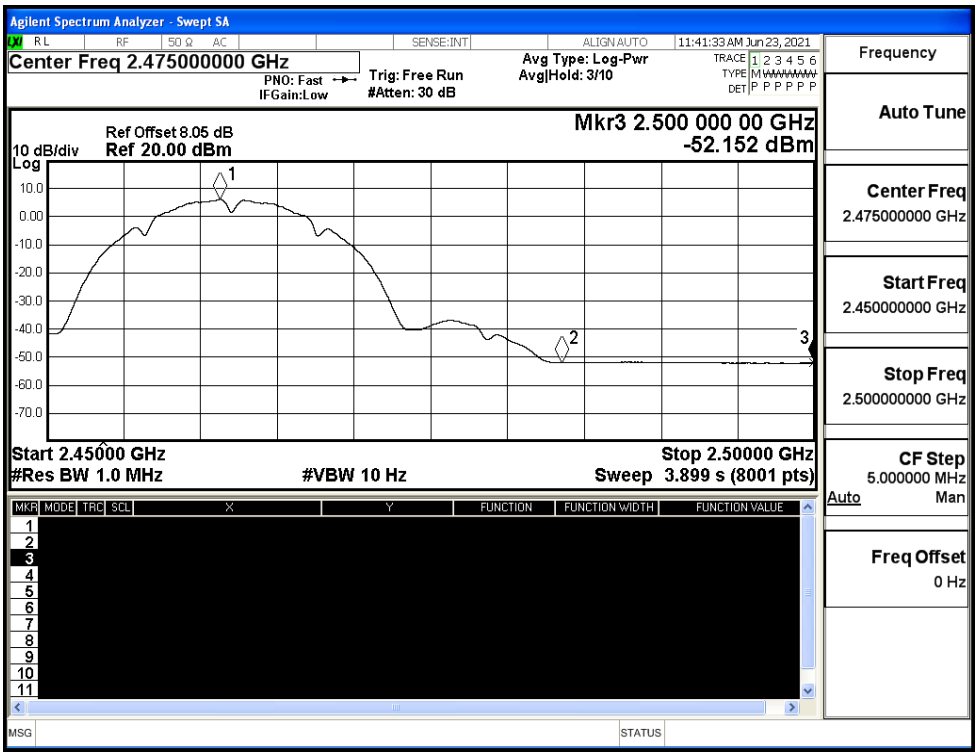
Restrict-band band-edge measurements_11B_2412_Ant1_AV



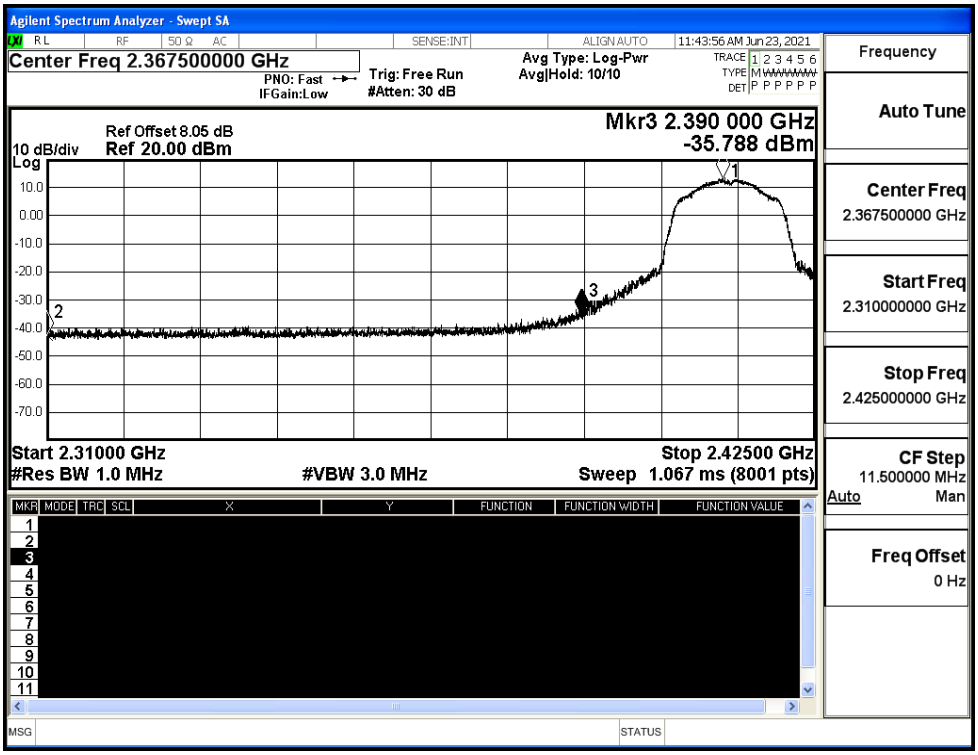
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



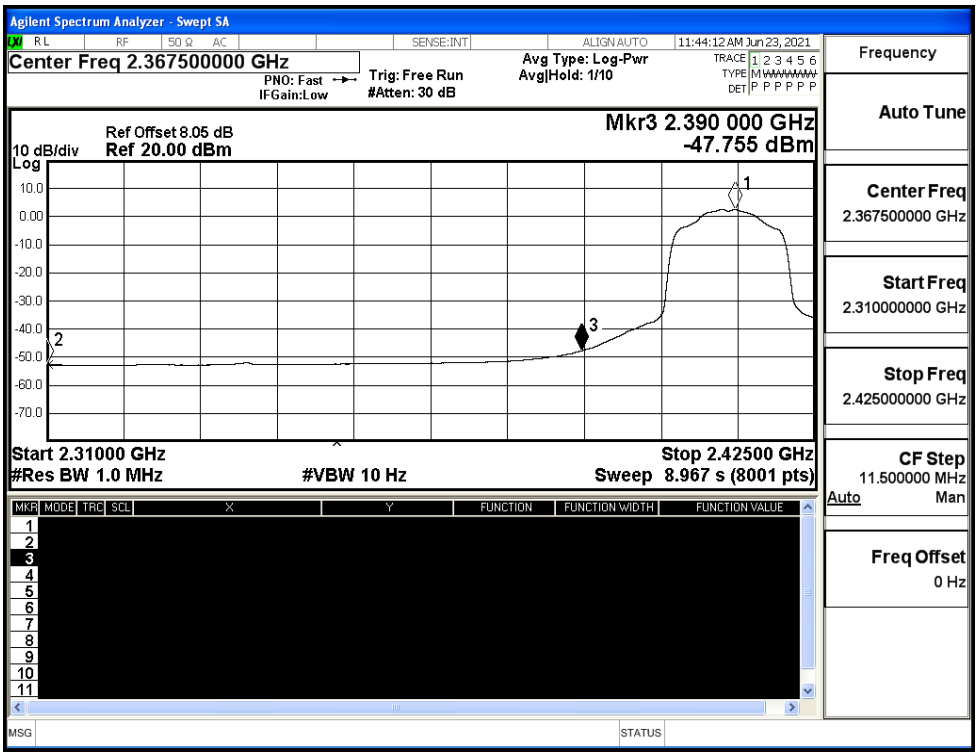
Restrict-band band-edge measurements_11B_2462_Ant1_AV



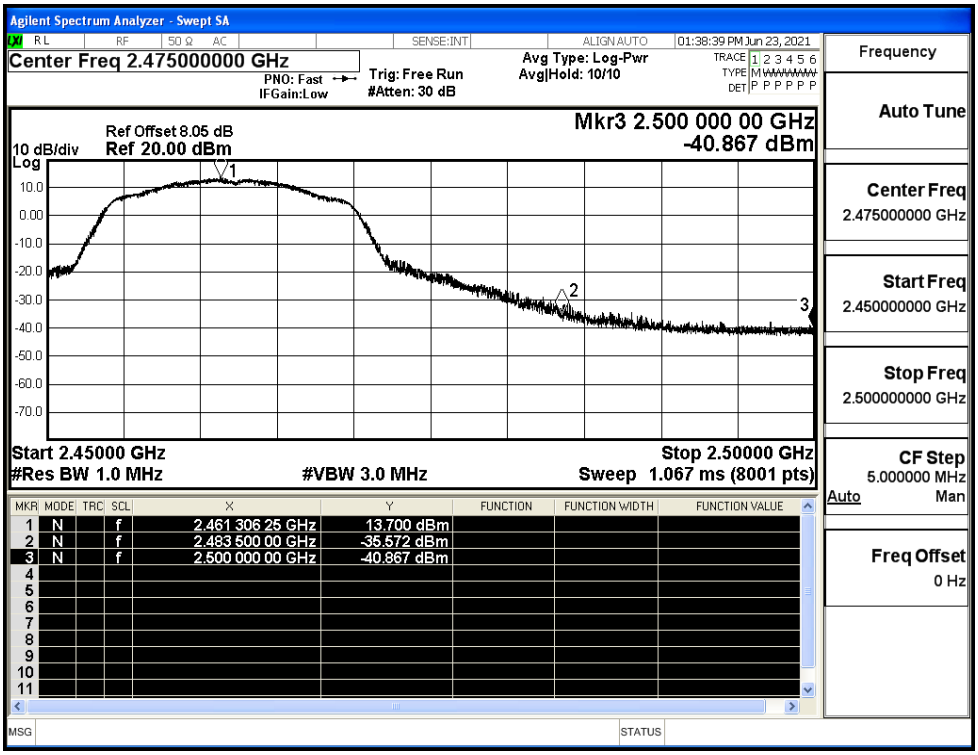
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



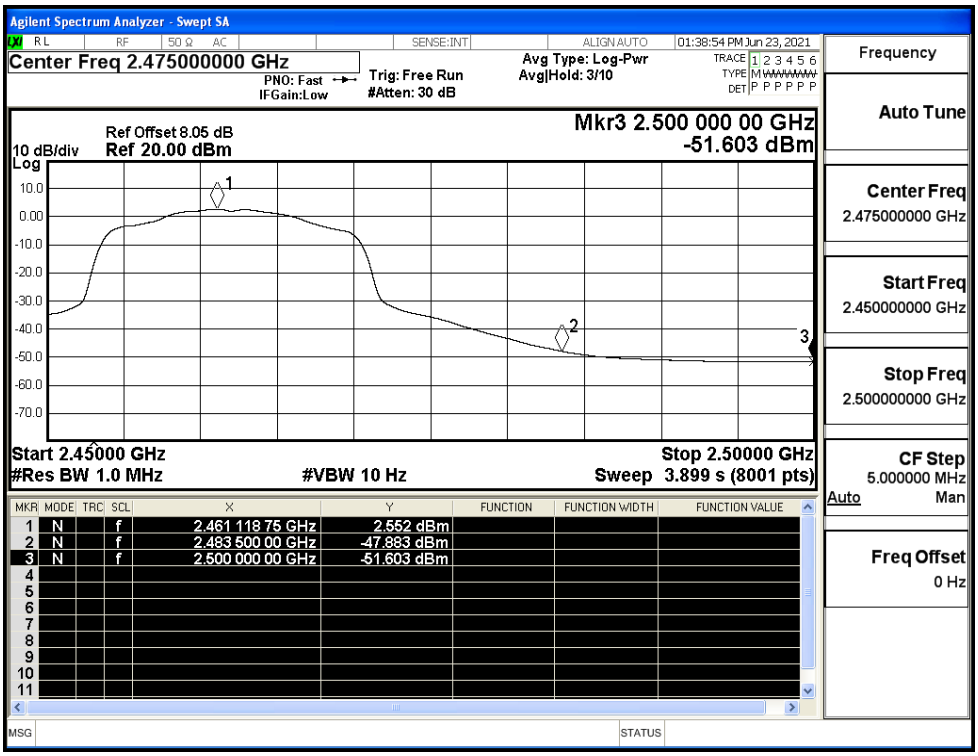
Restrict-band band-edge measurements_11G_2412_Ant1_AV



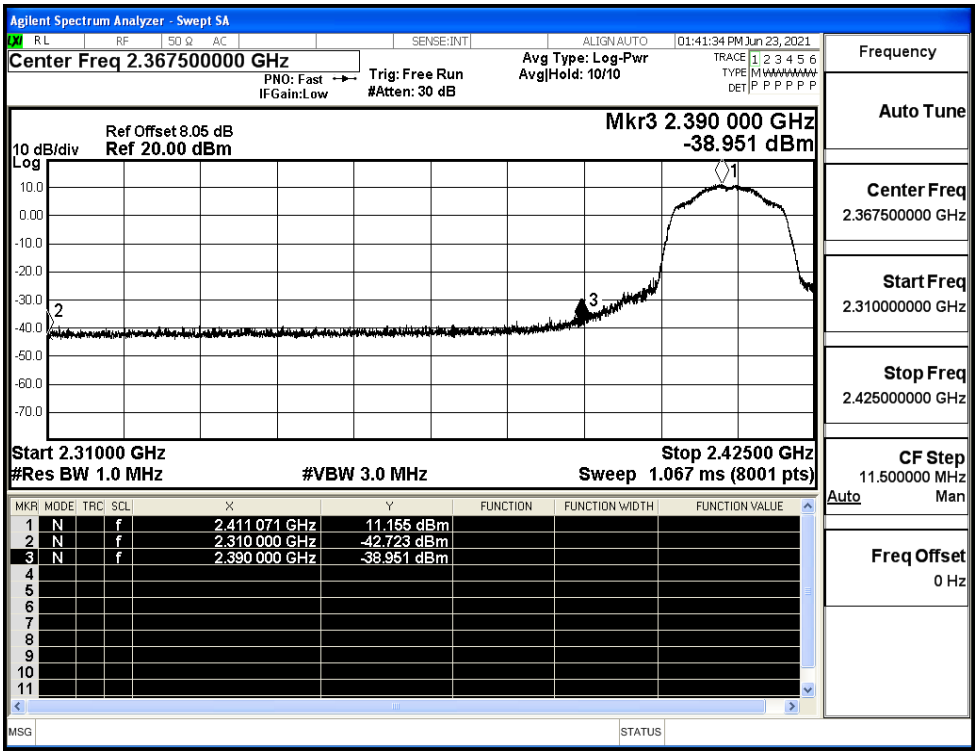
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



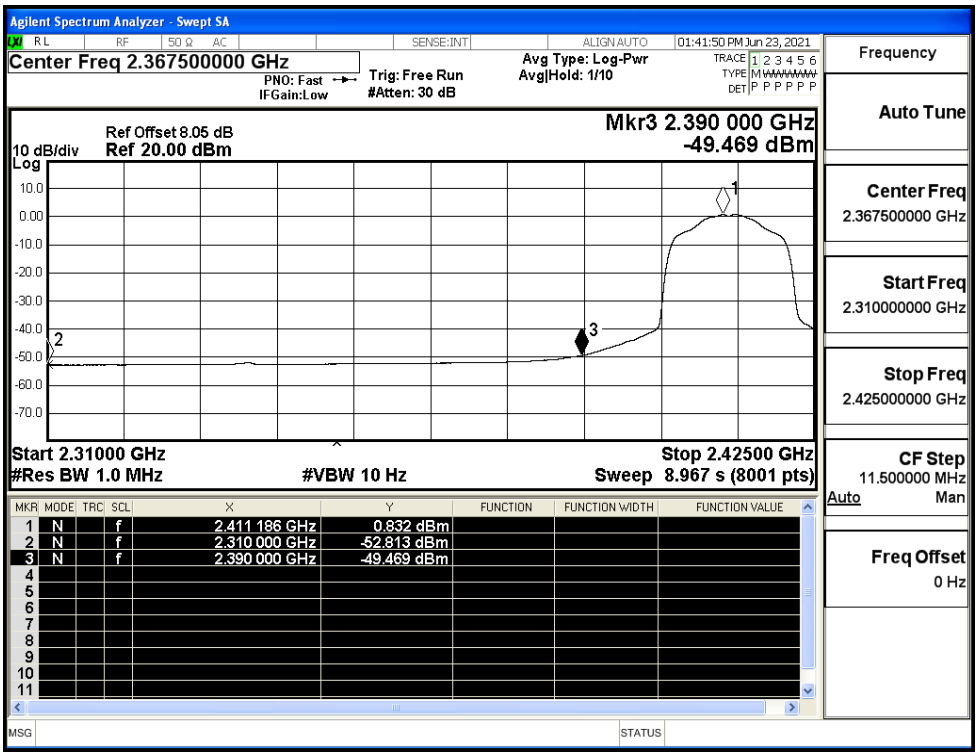
Restrict-band band-edge measurements_11G_2462_Ant1_AV



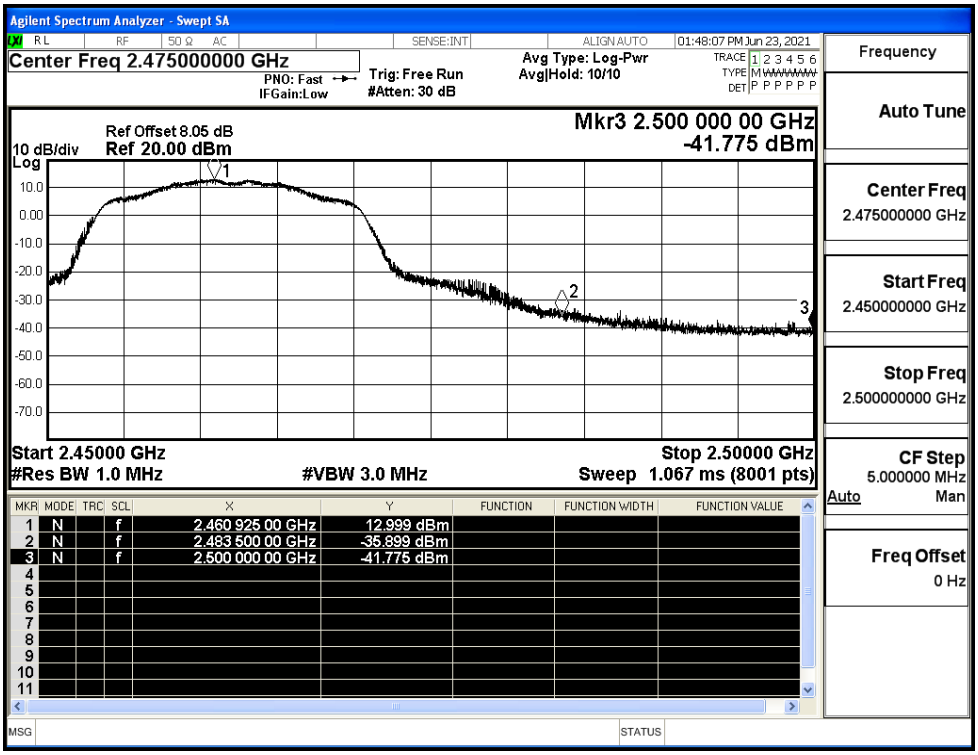
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



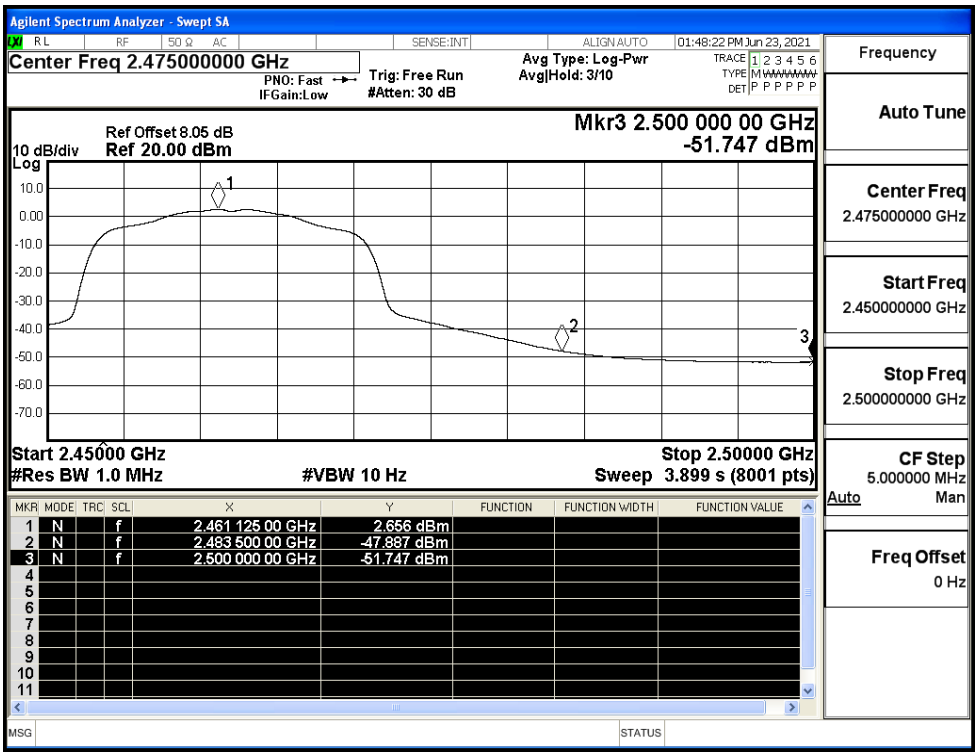
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



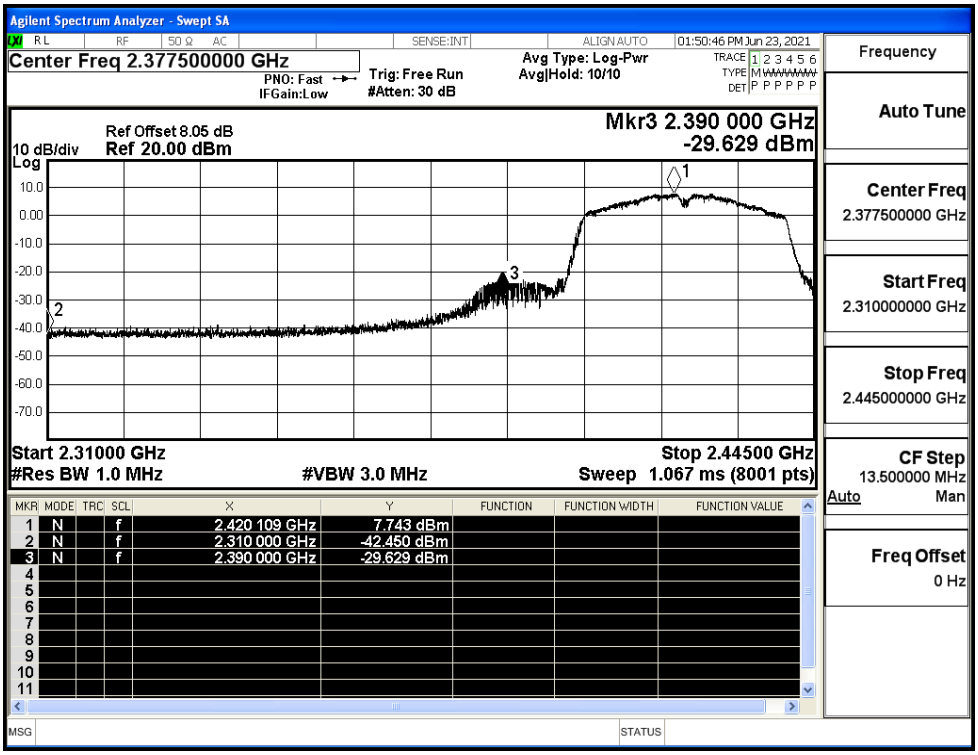
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



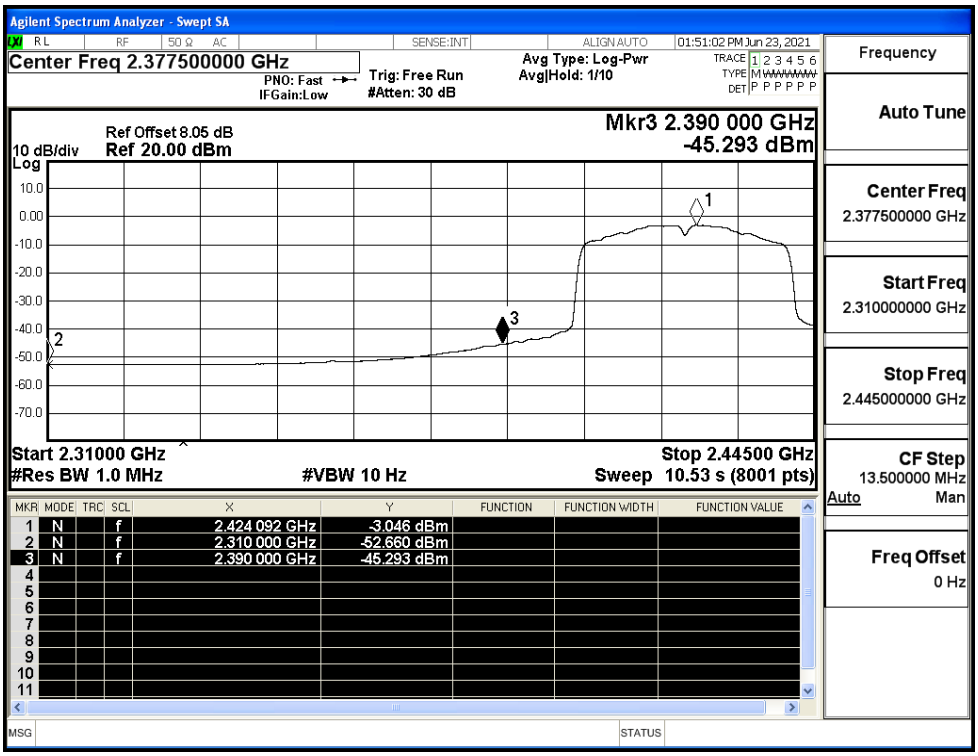
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



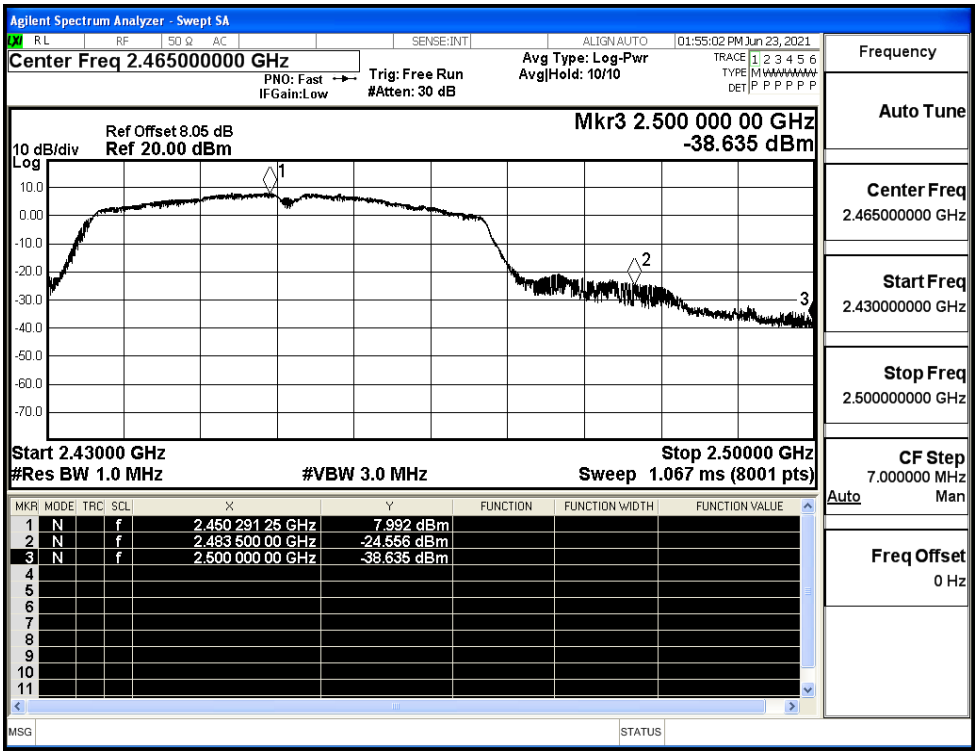
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



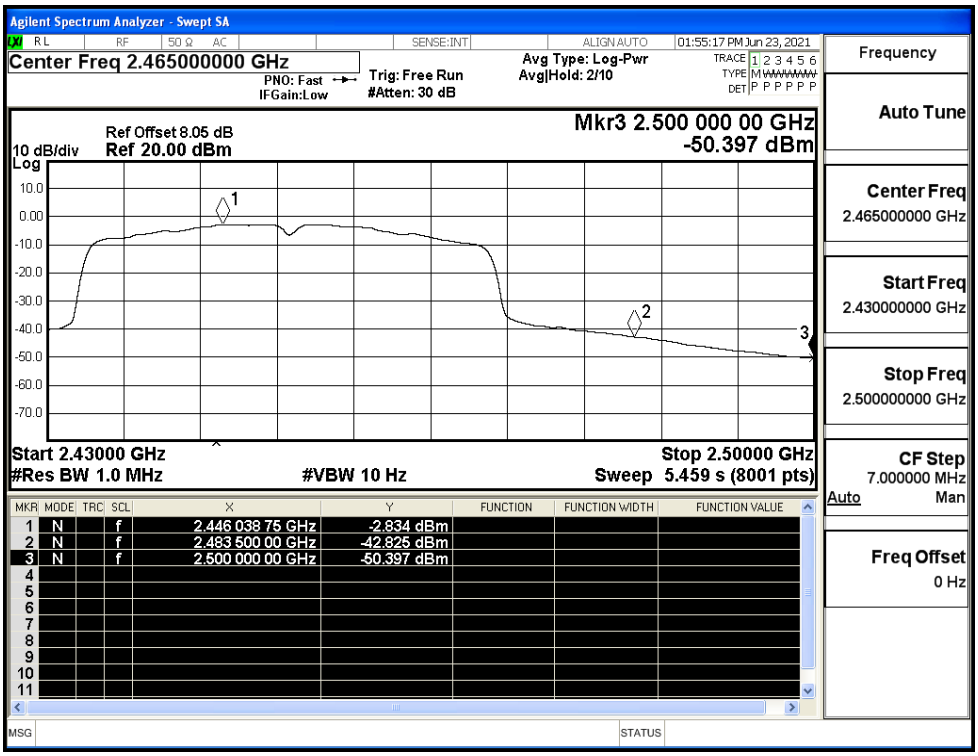
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV

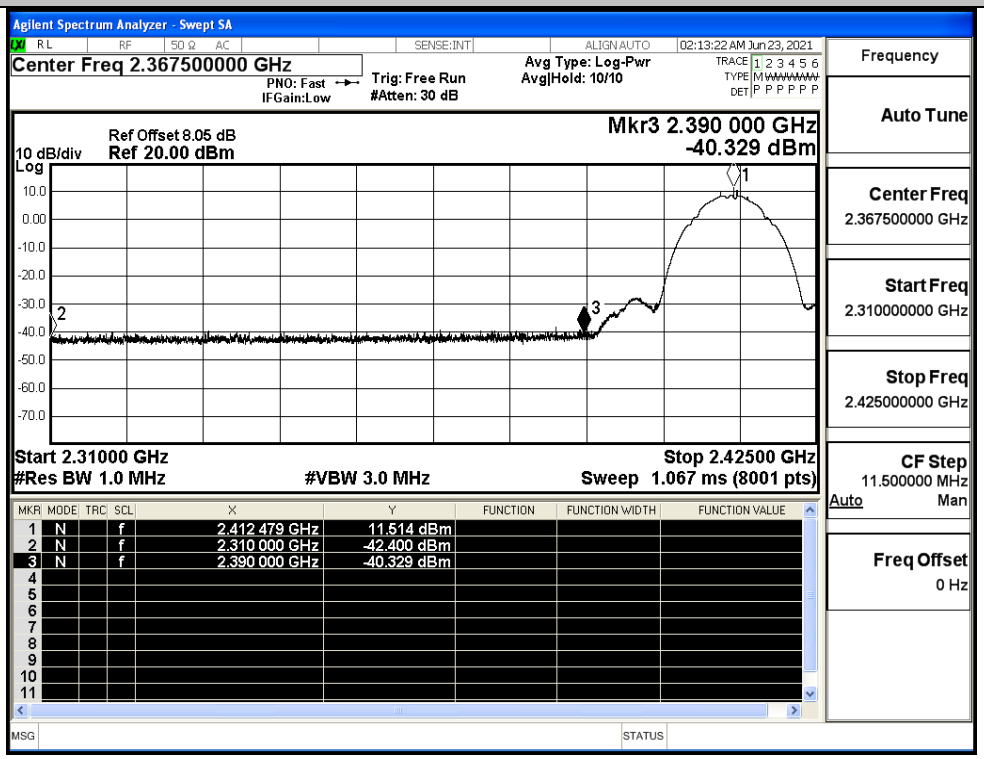


ANT1

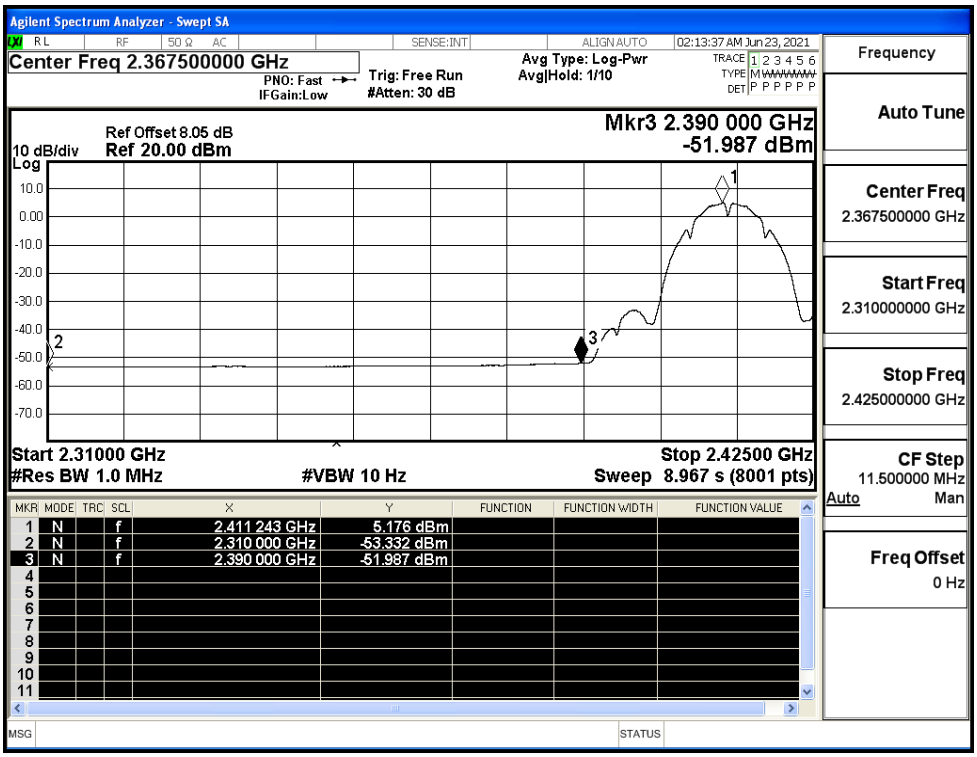
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-42.40	2.0	0	52.86	PEAK	74	PASS
	2412	Ant1	2310.0	-53.33	2.0	0	41.93	AV	54	PASS
	2412	Ant1	2390.0	-40.33	2.0	0	54.93	PEAK	74	PASS
	2412	Ant1	2390.0	-51.99	2.0	0	43.27	AV	54	PASS
	2462	Ant1	2483.5	-41.10	2.0	0	54.16	PEAK	74	PASS
	2462	Ant1	2483.5	-51.85	2.0	0	43.41	AV	54	PASS
	2462	Ant1	2500.0	-42.23	2.0	0	53.03	PEAK	74	PASS
	2462	Ant1	2500.0	-52.00	2.0	0	43.26	AV	54	PASS
11G	2412	Ant1	2310.0	-42.05	2.0	0	53.21	PEAK	74	PASS
	2412	Ant1	2310.0	-52.74	2.0	0	42.52	AV	54	PASS
	2412	Ant1	2390.0	-32.92	2.0	0	62.34	PEAK	74	PASS
	2412	Ant1	2390.0	-47.76	2.0	0	47.50	AV	54	PASS
	2462	Ant1	2483.5	-35.48	2.0	0	59.78	PEAK	74	PASS
	2462	Ant1	2483.5	-48.49	2.0	0	46.77	AV	54	PASS
	2462	Ant1	2500.0	-40.46	2.0	0	54.79	PEAK	74	PASS
	2462	Ant1	2500.0	-51.62	2.0	0	43.64	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.58	2.0	0	52.68	PEAK	74	PASS
	2412	Ant1	2310.0	-52.75	2.0	0	42.50	AV	54	PASS
	2412	Ant1	2390.0	-38.41	2.0	0	56.85	PEAK	74	PASS
	2412	Ant1	2390.0	-49.19	2.0	0	46.06	AV	54	PASS
	2462	Ant1	2483.5	-34.55	2.0	0	60.70	PEAK	74	PASS
	2462	Ant1	2483.5	-48.39	2.0	0	46.87	AV	54	PASS
	2462	Ant1	2500.0	-42.20	2.0	0	53.05	PEAK	74	PASS
	2462	Ant1	2500.0	-51.76	2.0	0	43.50	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-42.40	2.0	0	52.86	PEAK	74	PASS
	2422	Ant1	2310.0	-52.60	2.0	0	42.66	AV	54	PASS
	2422	Ant1	2390.0	-23.91	2.0	0	71.35	PEAK	74	PASS
	2422	Ant1	2390.0	-44.91	2.0	0	50.35	AV	54	PASS
	2452	Ant1	2483.5	-23.38	2.0	0	71.88	PEAK	74	PASS

	2452	Ant1	2483.5	-42.23	2.0	0	53.03	AV	54	PASS
	2452	Ant1	2500.0	-38.21	2.0	0	57.04	PEAK	74	PASS
	2452	Ant1	2500.0	-49.98	2.0	0	45.27	AV	54	PASS

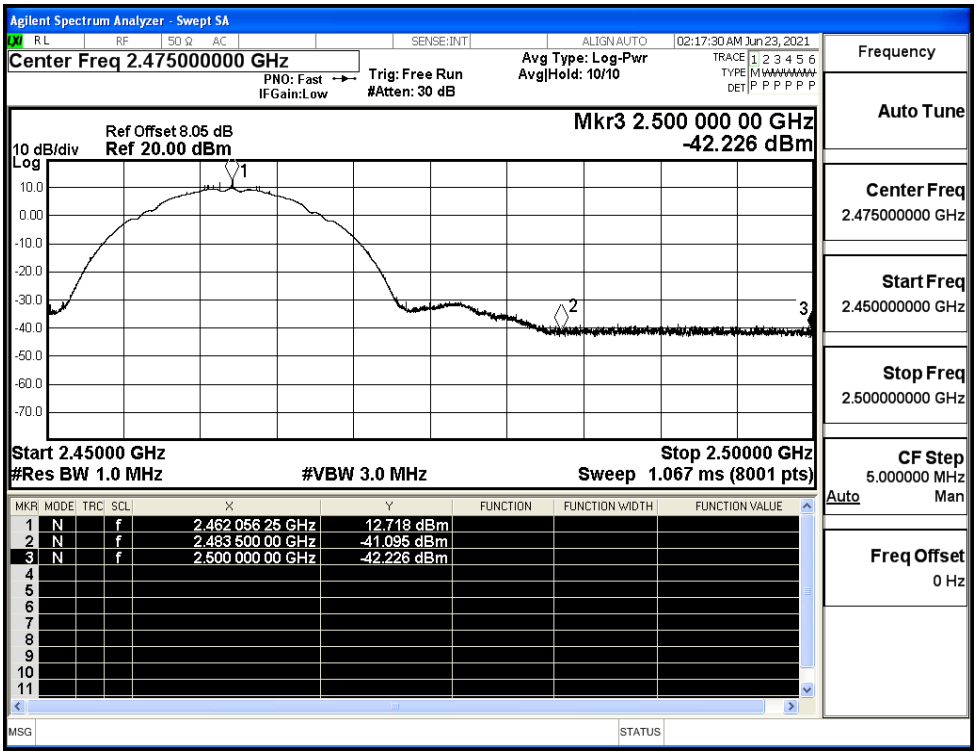
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



Restrict-band band-edge measurements_11B_2412_Ant1_AV



Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



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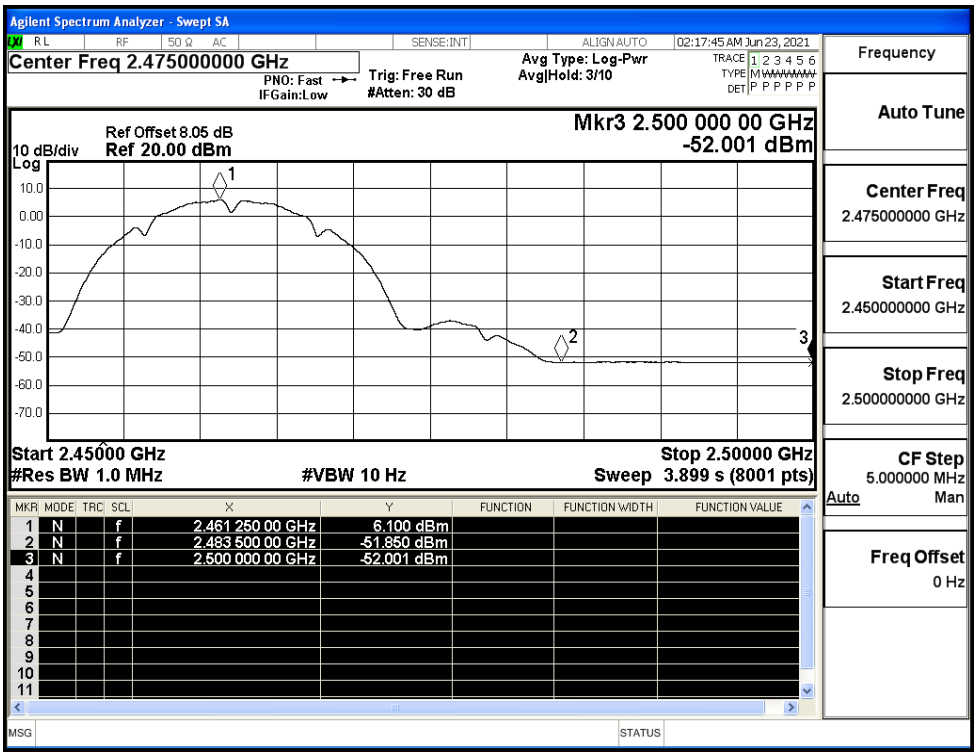

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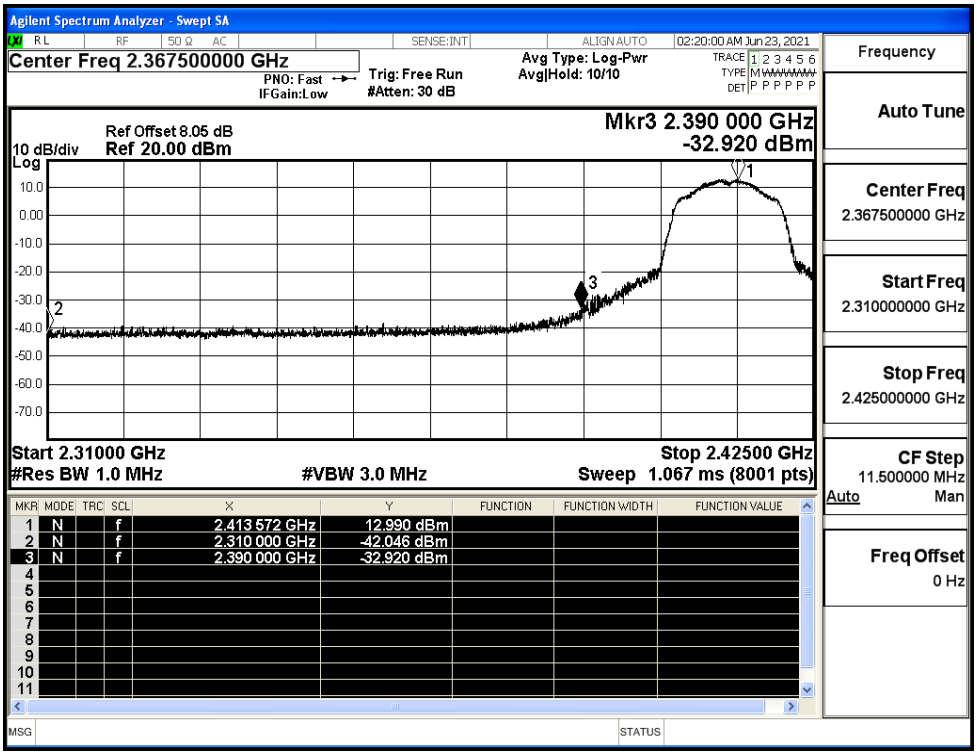

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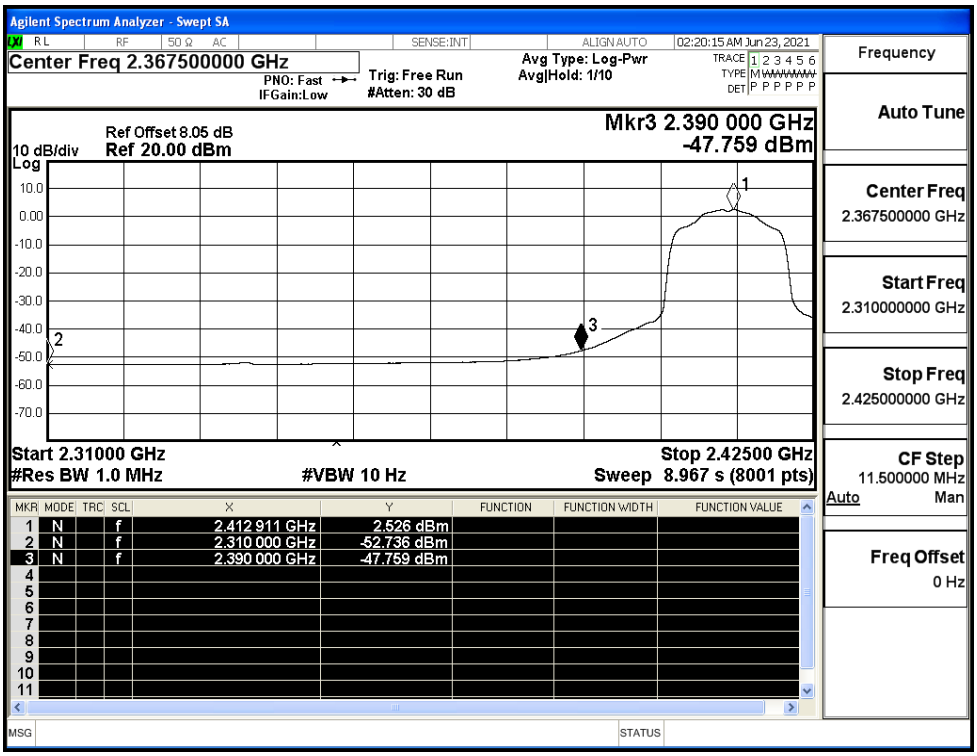

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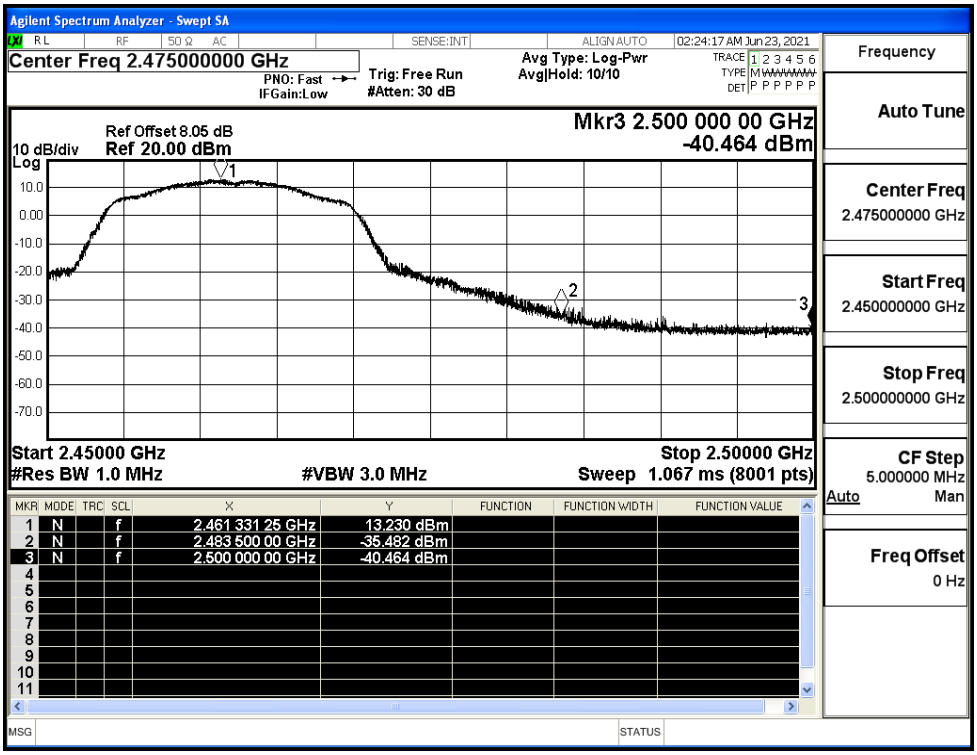

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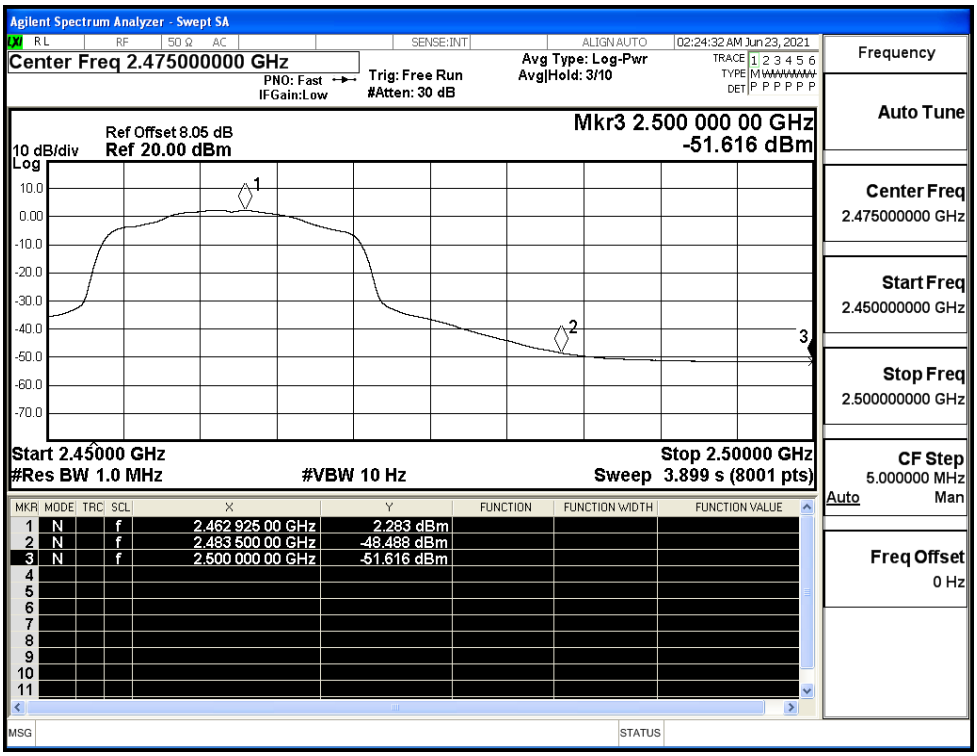
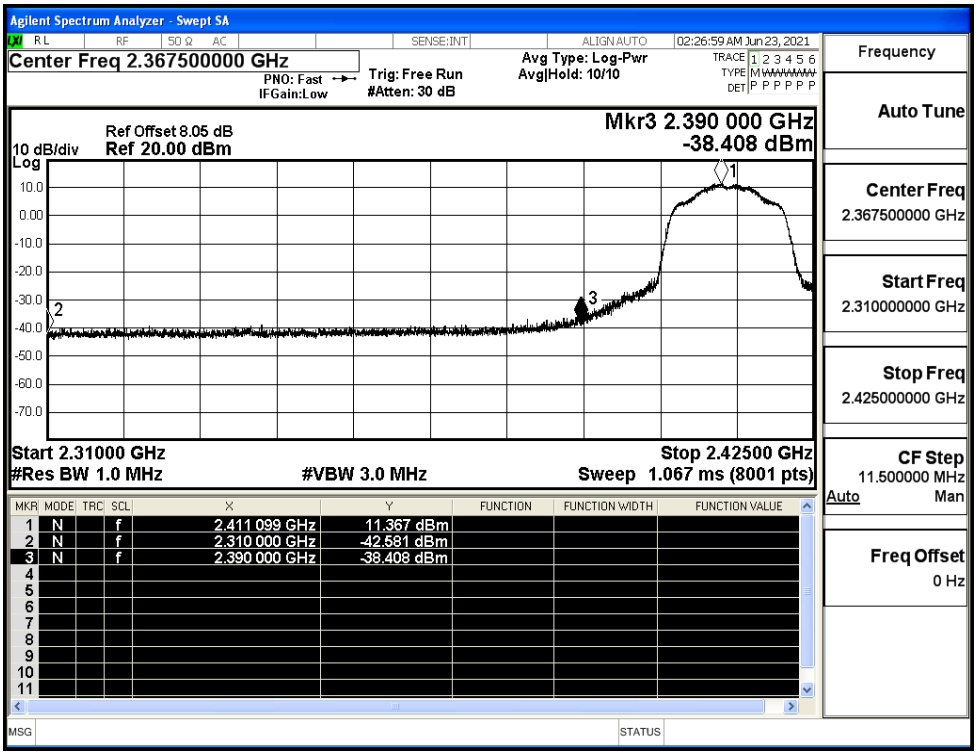
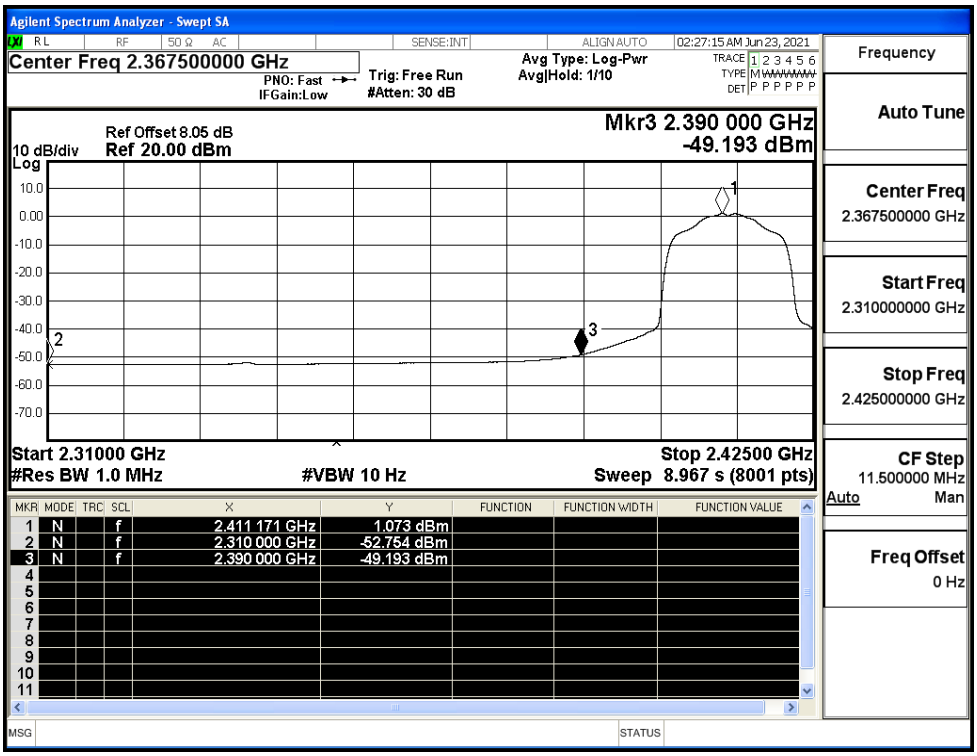


Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



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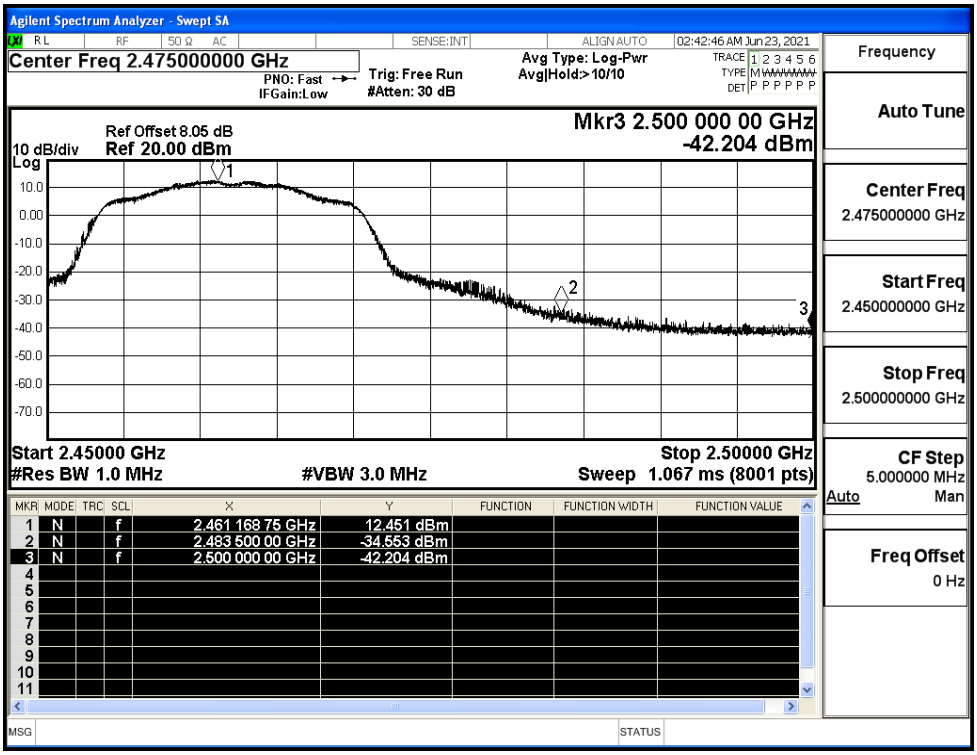
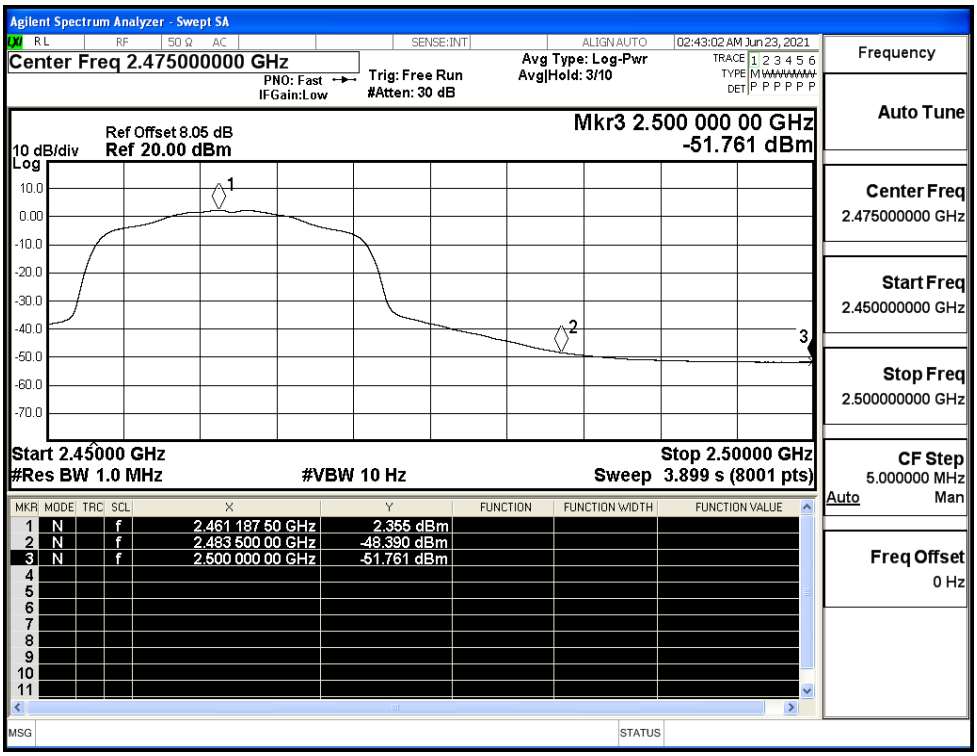
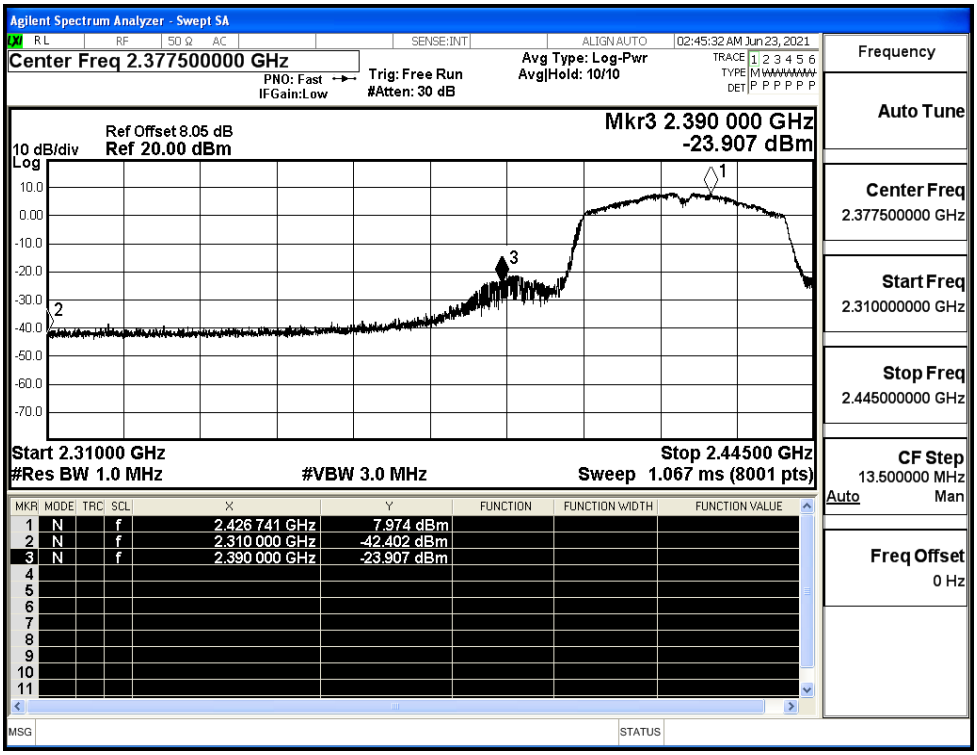


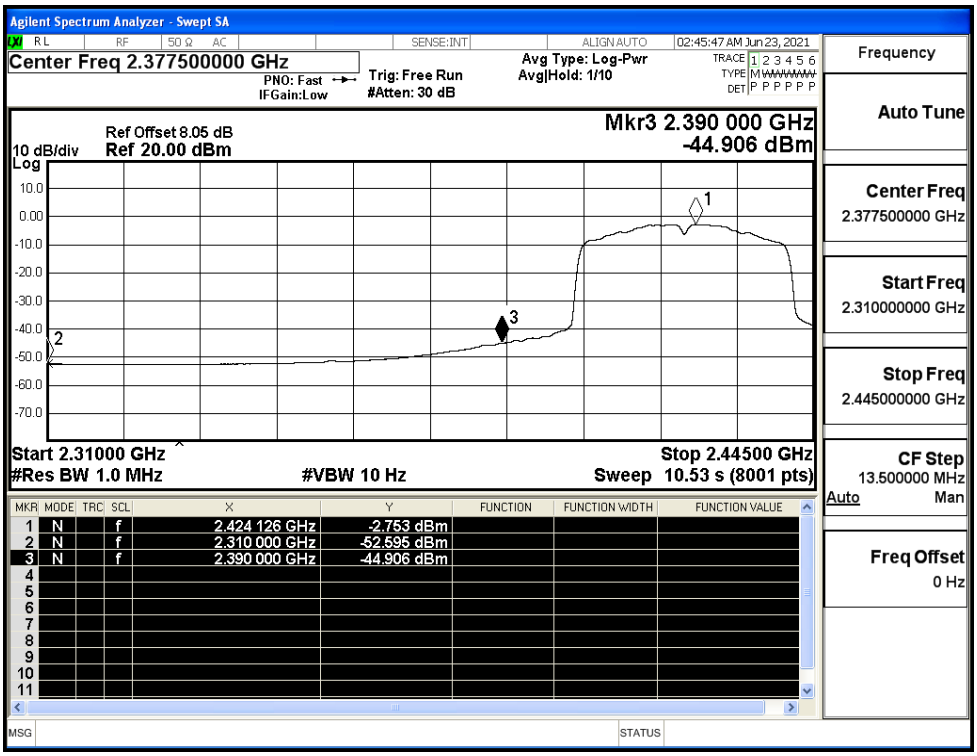
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



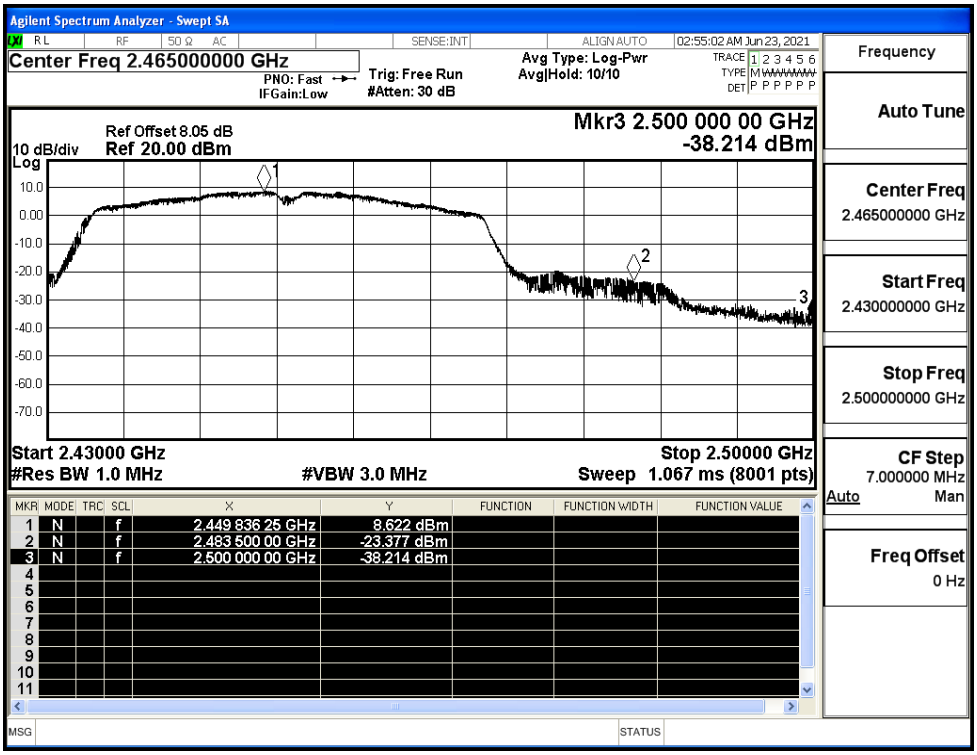
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



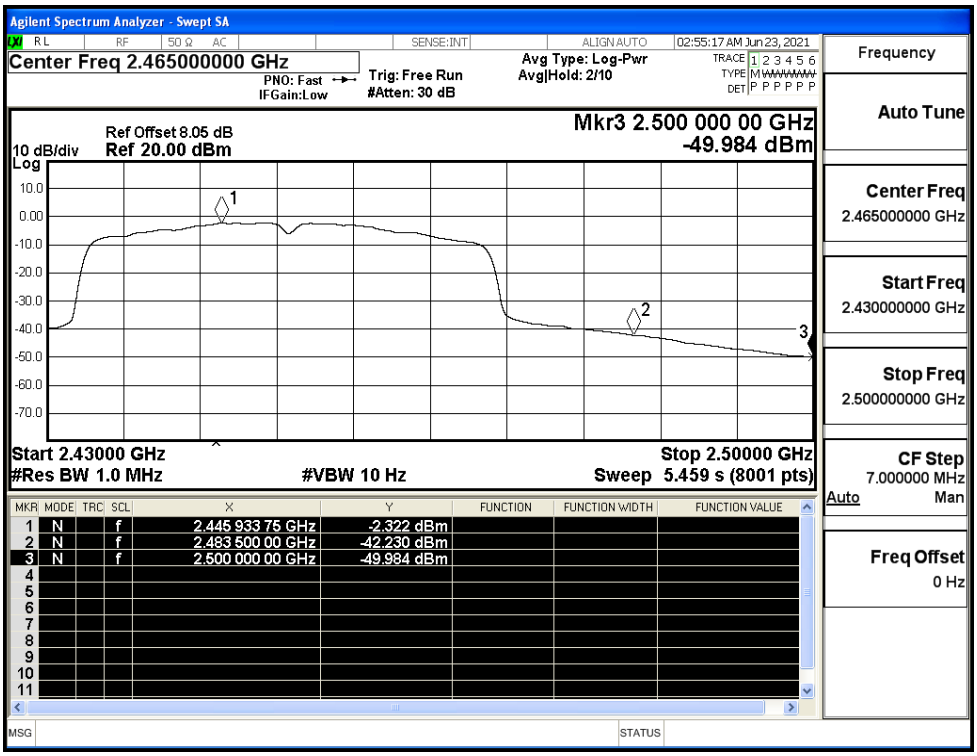
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



MIMO

Test Mode	Test Channel	Freq.	MIMO Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11N20	2412	2310.0	-39.64	8.01	0	59.44	PEAK	74	PASS
	2412	2310.0	-49.77	8.01	0	49.63	AV	54	PASS
	2412	2390.0	-35.66	8.01	0	71.40	PEAK	74	PASS
	2412	2390.0	-46.32	8.01	0	53.63	AV	54	PASS
	2462	2483.5	-32.16	8.01	0	66.37	PEAK	74	PASS
	2462	2483.5	-45.12	8.01	0	53.39	AV	54	PASS
	2462	2500.0	-38.97	8.01	0	62.54	PEAK	74	PASS
	2462	2500.0	-48.74	8.01	0	50.75	AV	54	PASS
11N40	2422	2310.0	-39.41	8.01	0	60.73	PEAK	74	PASS
	2422	2310.0	-49.62	8.01	0	49.55	AV	54	PASS
	2422	2390.0	-22.88	8.01	0	59.92	PEAK	74	PASS
	2422	2390.0	-42.09	8.01	0	49.96	AV	54	PASS
	2452	2483.5	-20.92	8.01	0	71.83	PEAK	74	PASS
	2452	2483.5	-39.51	8.01	0	51.67	AV	54	PASS
	2452	2500.0	-35.41	8.01	0	61.35	PEAK	74	PASS
	2452	2500.0	-47.17	8.01	0	50.52	AV	54	PASS

The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater

Directional gain=5dBi+10 log (2) = 8.01dBi