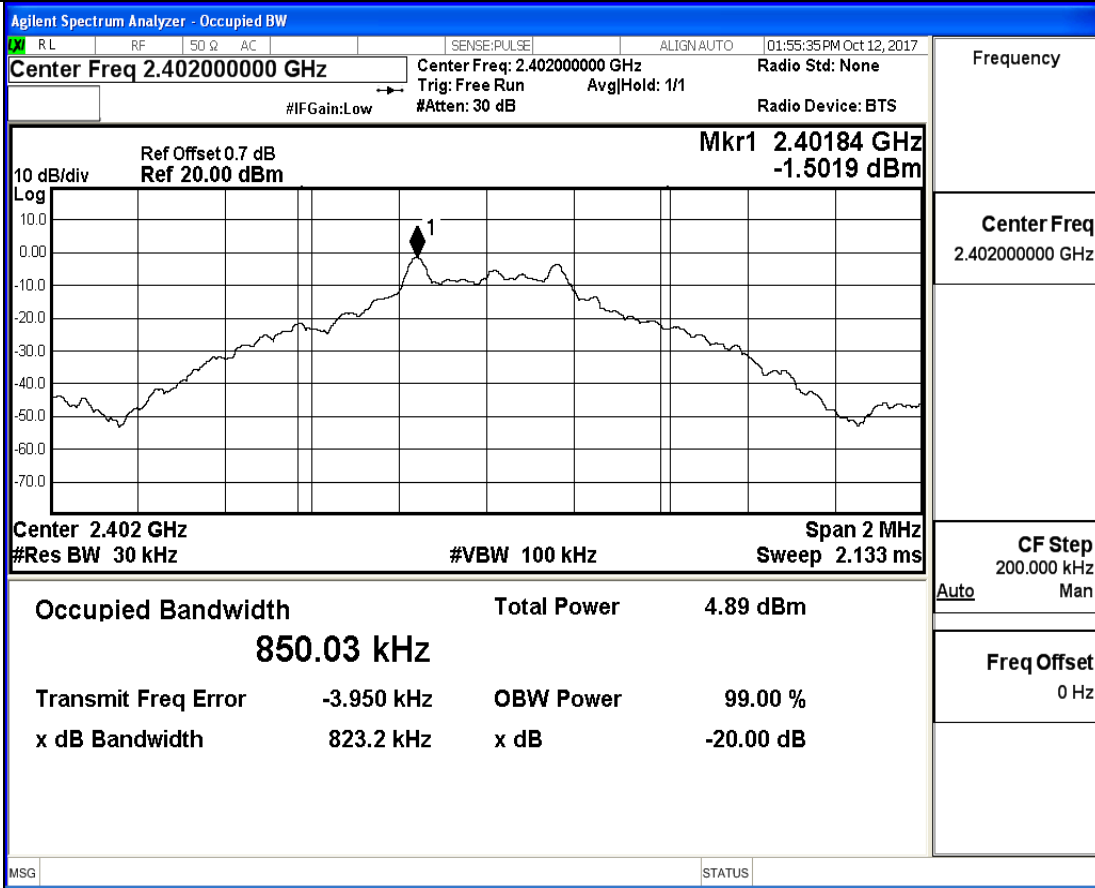


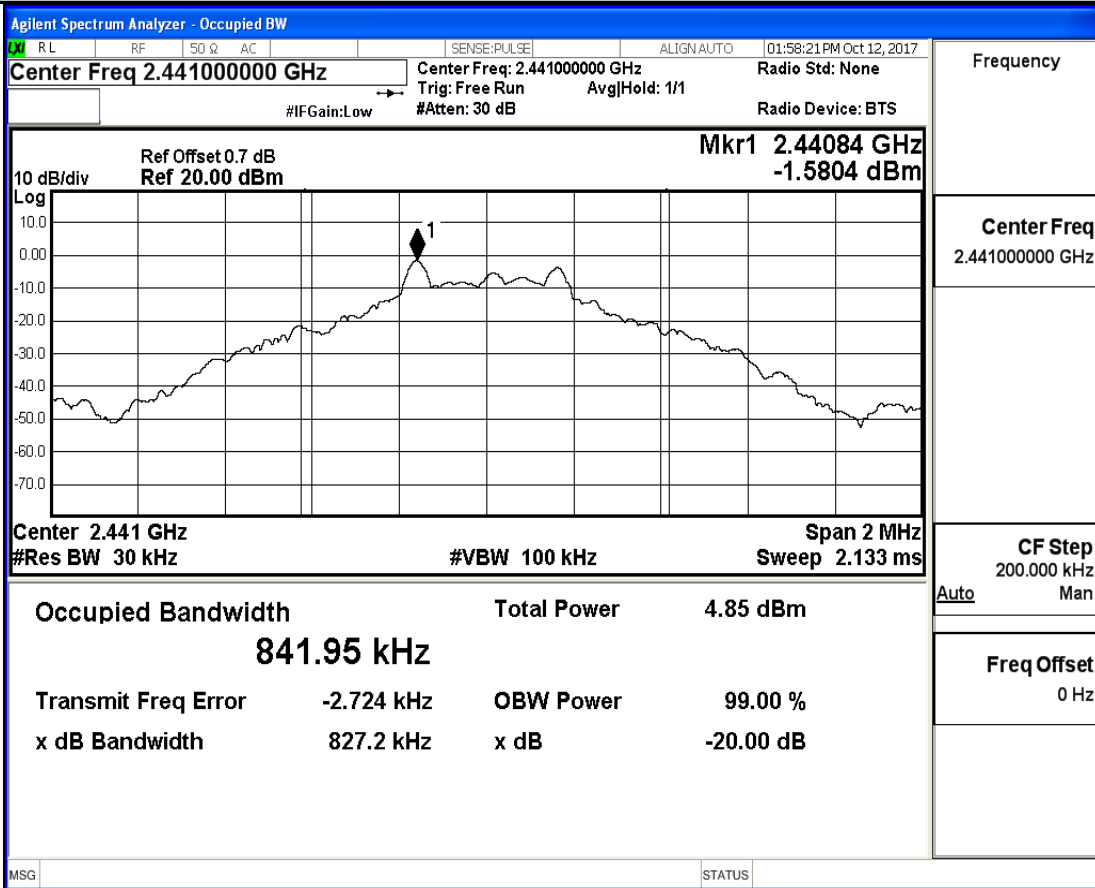
**1.20 dB Bandwidth**

Test Mode	Test Channel	99%[MHz]	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	0.85003	0.8232	---	PASS
DH5	2441	0.84195	0.8272	---	PASS
DH5	2480	0.84762	0.8296	---	PASS
2DH5	2402	1.0714	1.125	---	PASS
2DH5	2441	1.0718	1.132	---	PASS
2DH5	2480	1.0704	1.123	---	PASS
3DH5	2402	1.0654	1.141	---	PASS
3DH5	2441	1.0688	1.121	---	PASS
3DH5	2480	1.0684	1.117	---	PASS

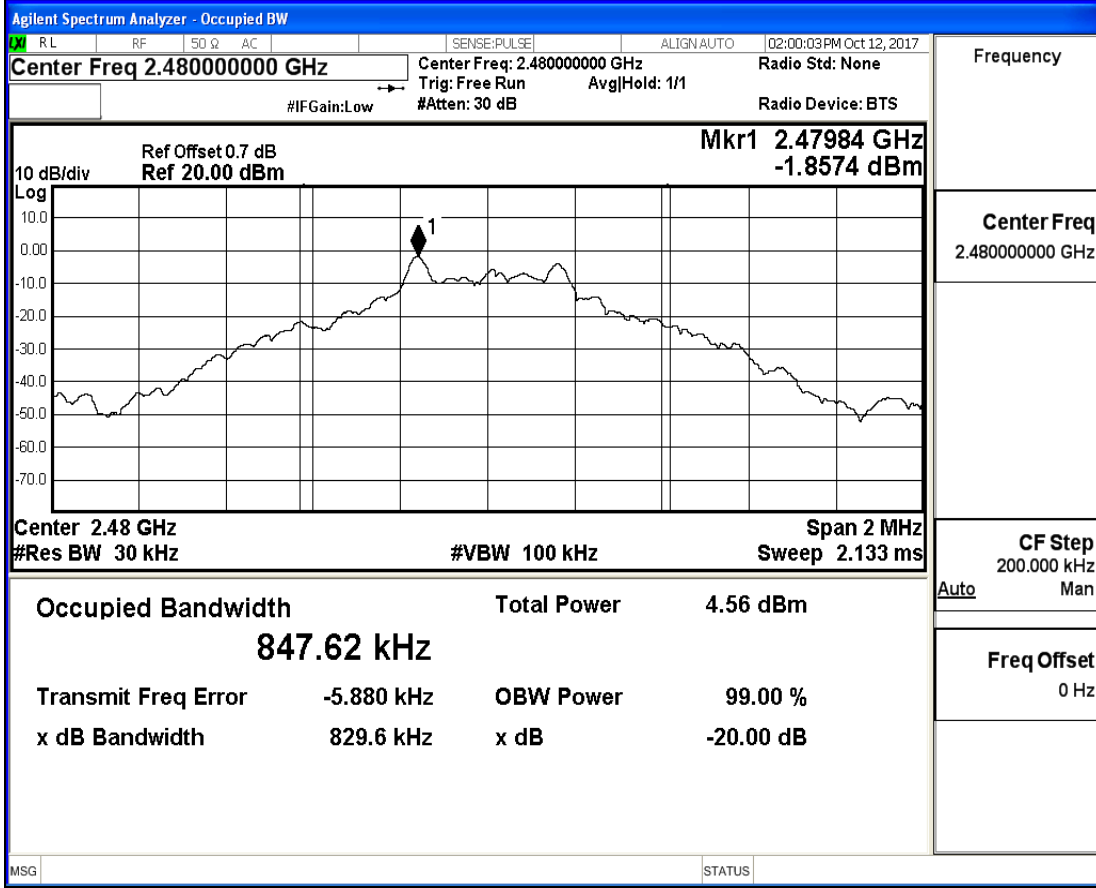
20 dB Bandwidth\_DH5\_2402



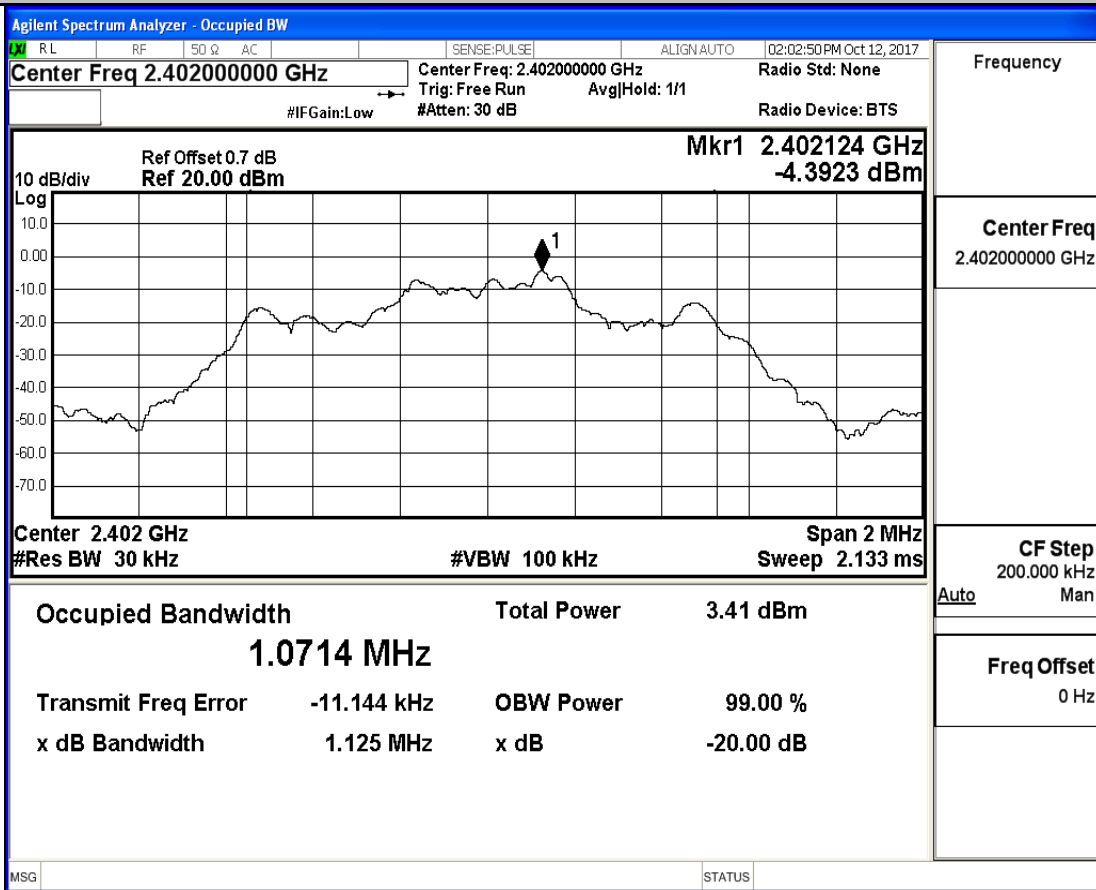
20 dB Bandwidth\_DH5\_2441



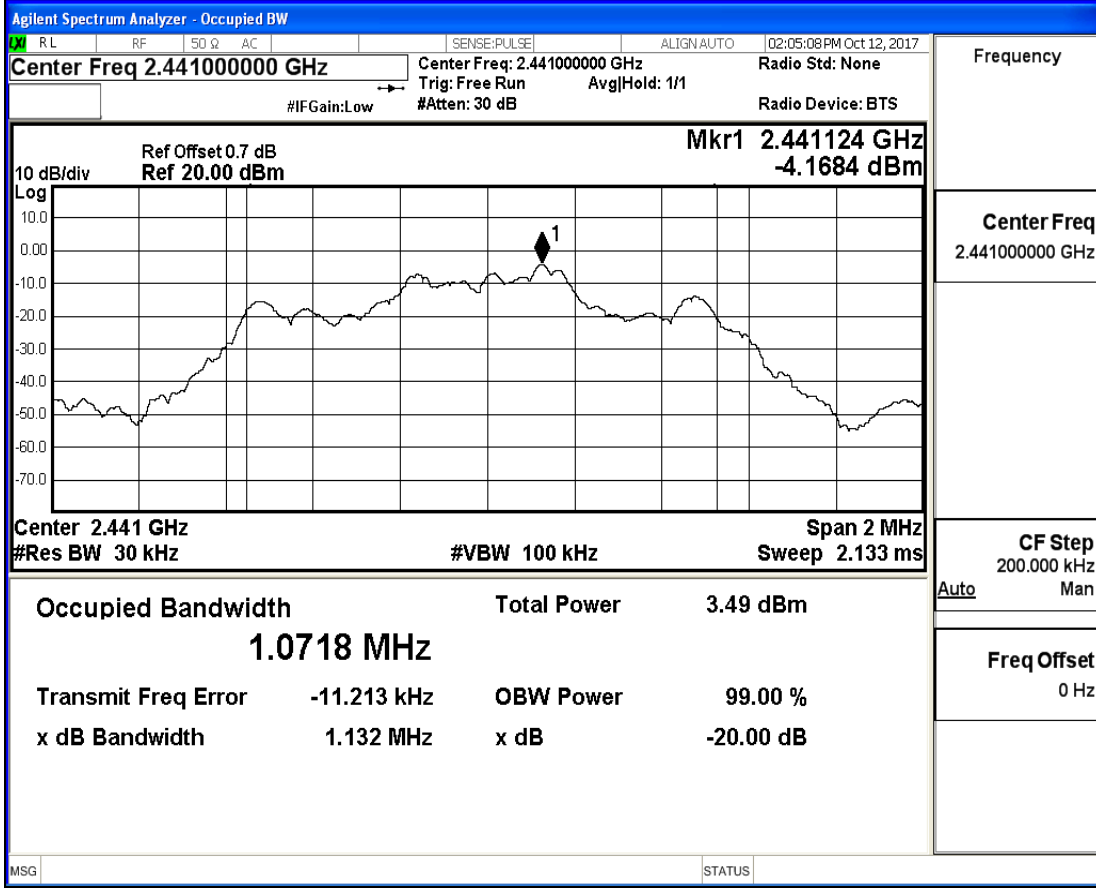
20 dB Bandwidth\_DH5\_2480



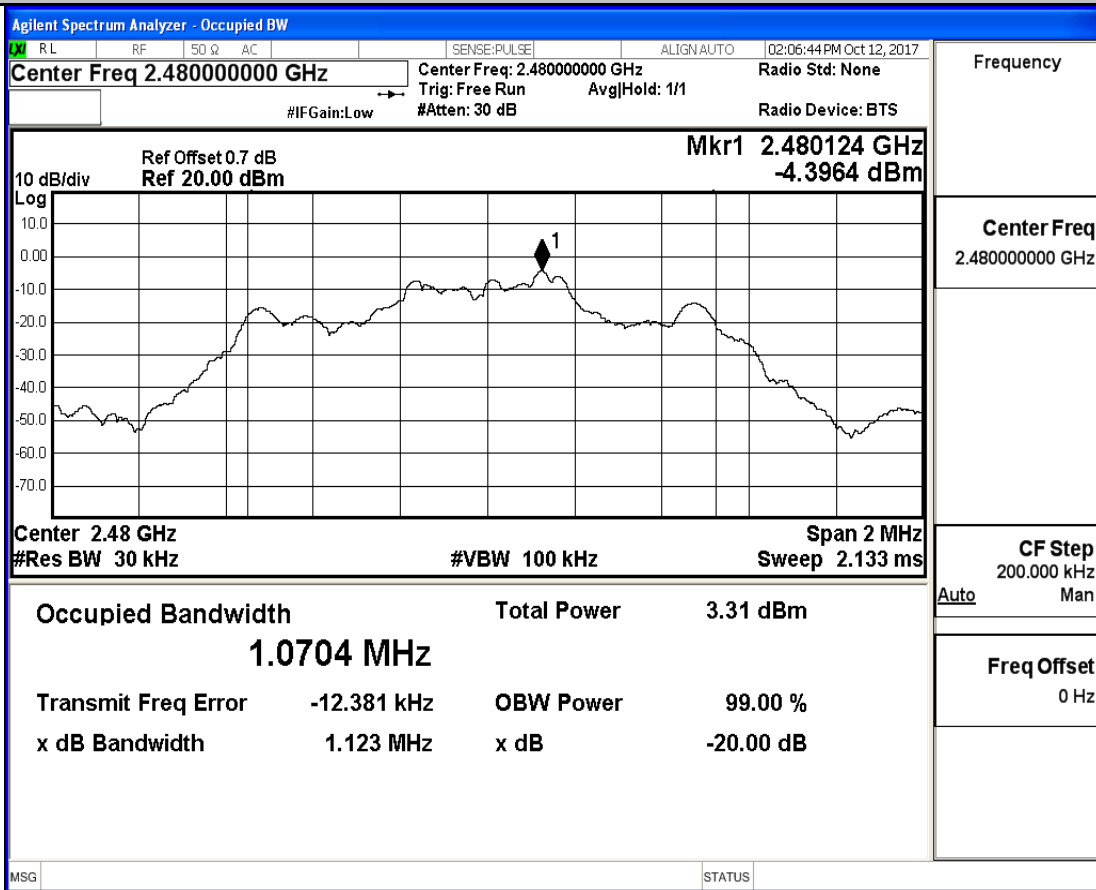
20 dB Bandwidth\_2DH5\_2402



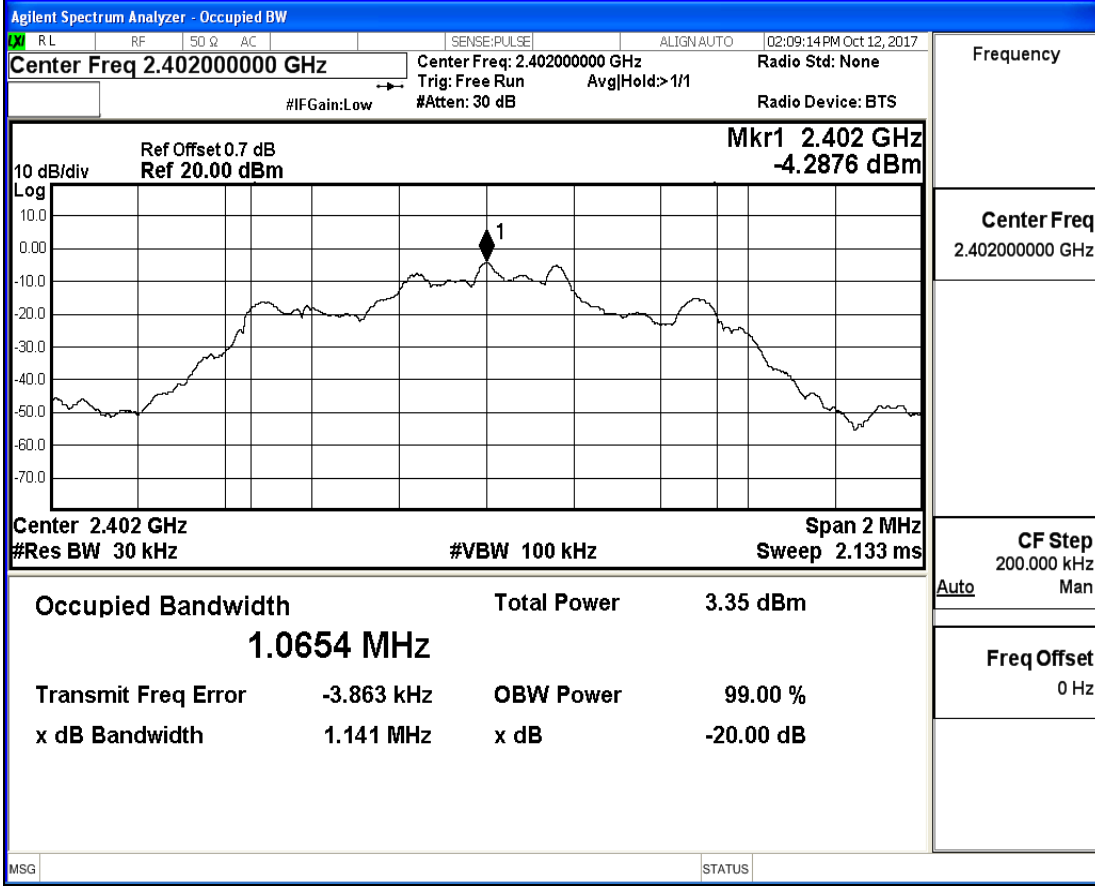
20 dB Bandwidth\_2DH5\_2441



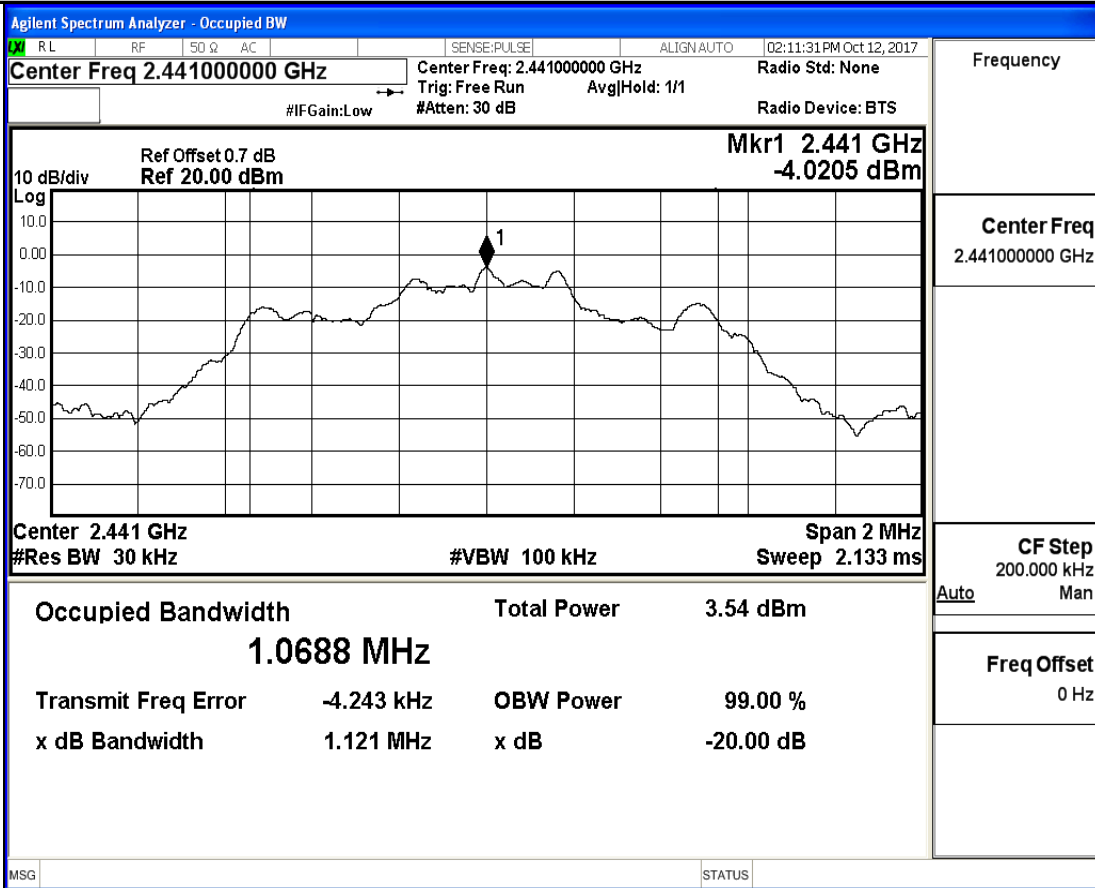
20 dB Bandwidth\_2DH5\_2480



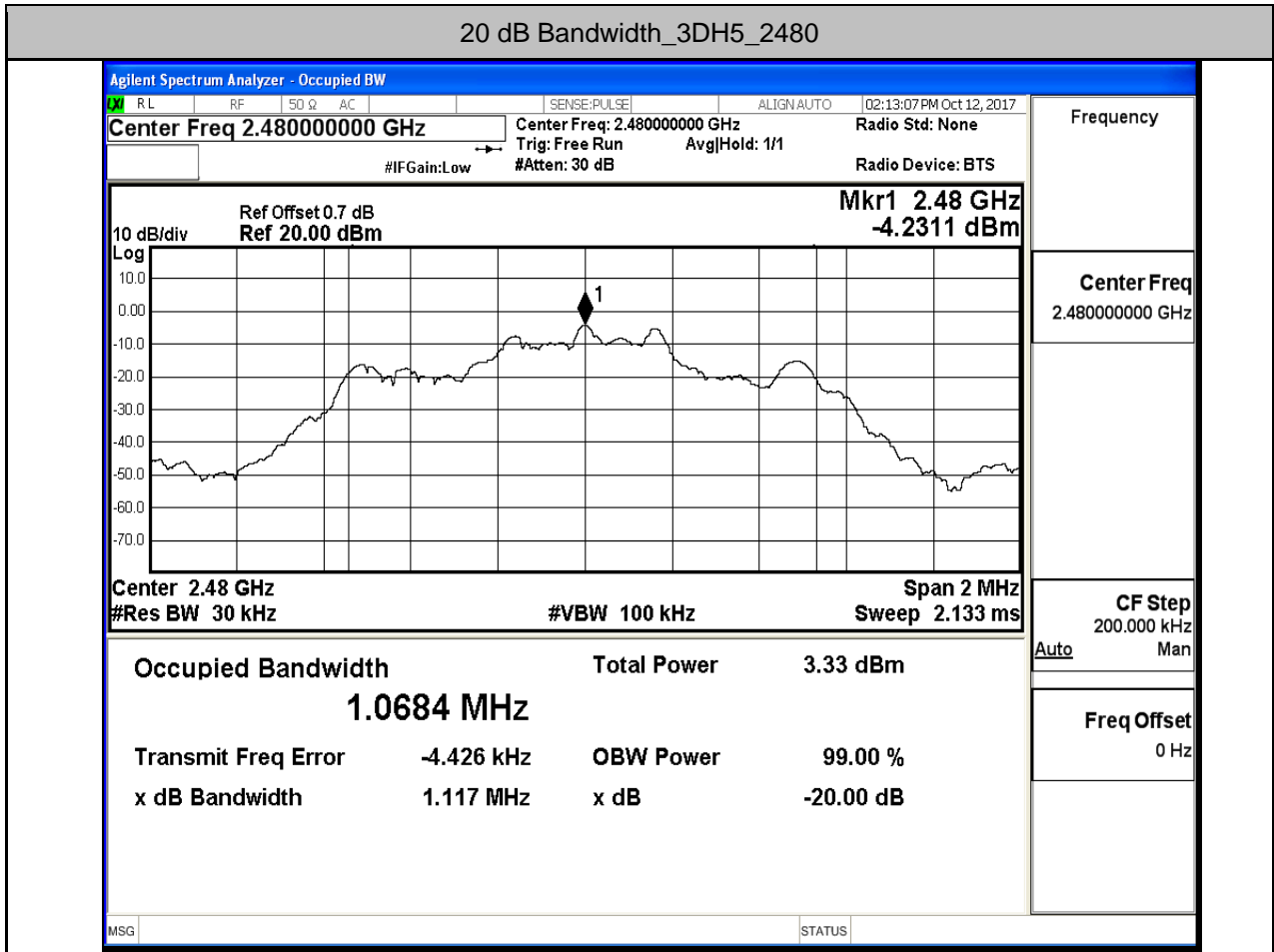
20 dB Bandwidth\_3DH5\_2402



20 dB Bandwidth\_3DH5\_2441



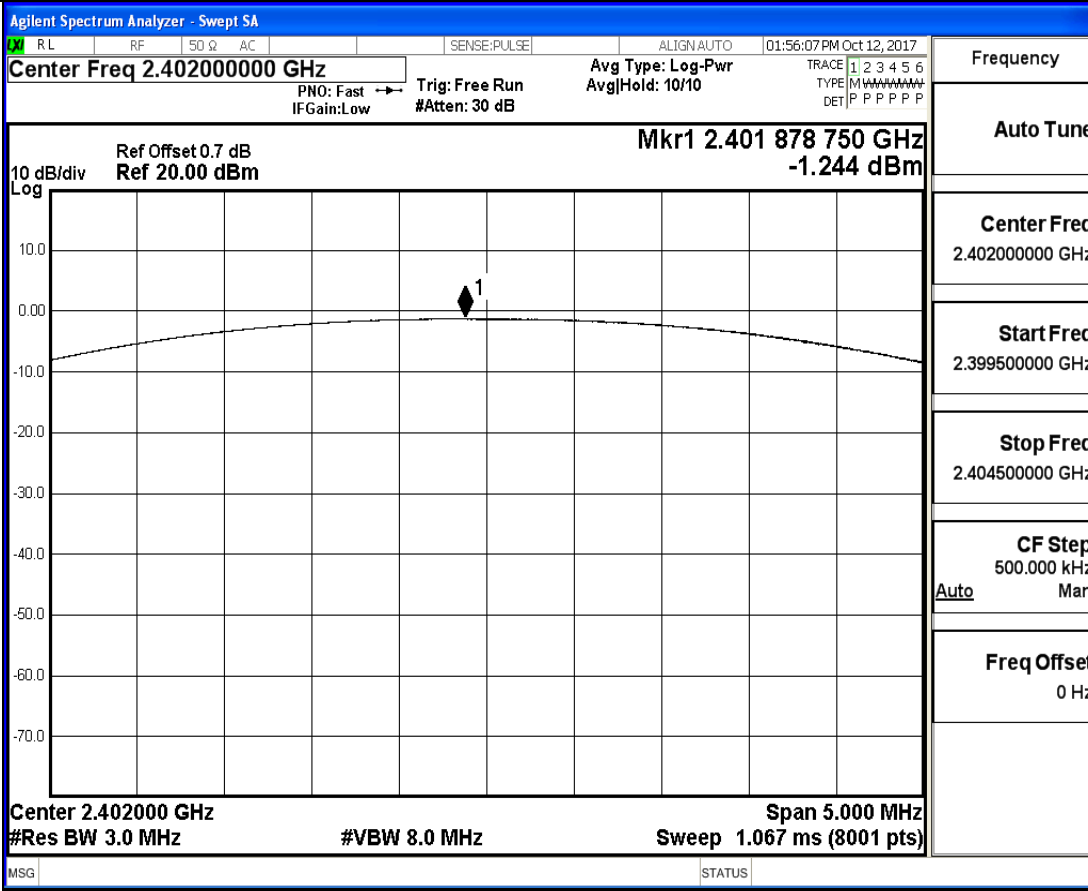
20 dB Bandwidth\_3DH5\_2480



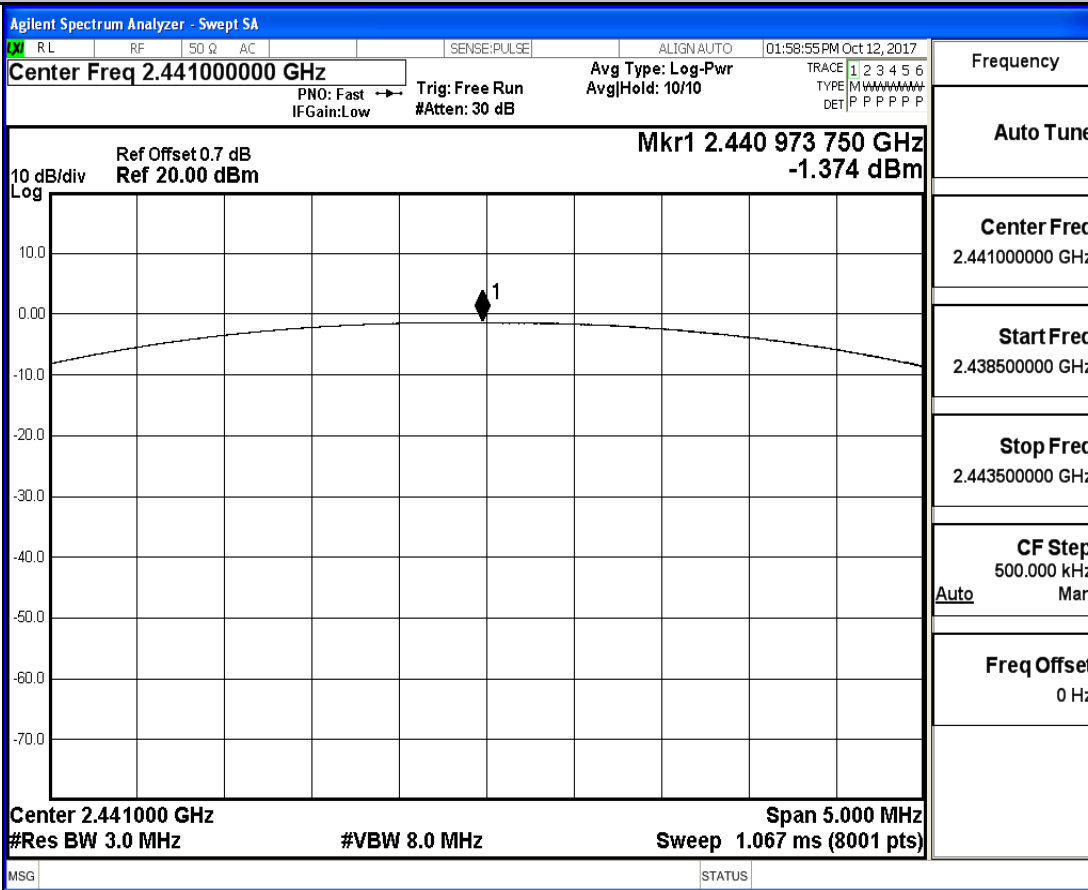
**2. Conducted Peak Output Power**

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	-1.244	21	PASS
DH5	2441	-1.374	21	PASS
DH5	2480	-1.677	21	PASS
2DH5	2402	-2.505	21	PASS
2DH5	2441	-2.423	21	PASS
2DH5	2480	-2.673	21	PASS
3DH5	2402	-2.478	21	PASS
3DH5	2441	-2.378	21	PASS
3DH5	2480	-2.576	21	PASS

Conducted Peak Output Power\_DH5\_2402

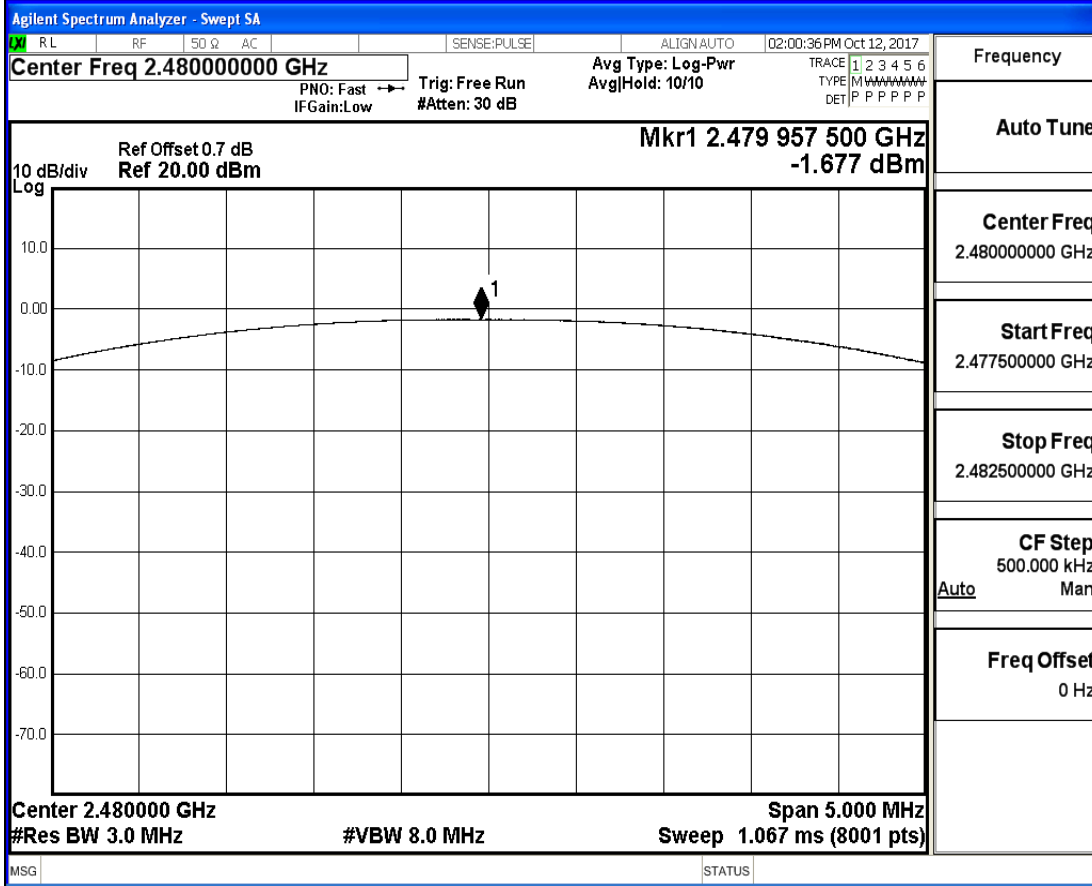


Conducted Peak Output Power\_DH5\_2441

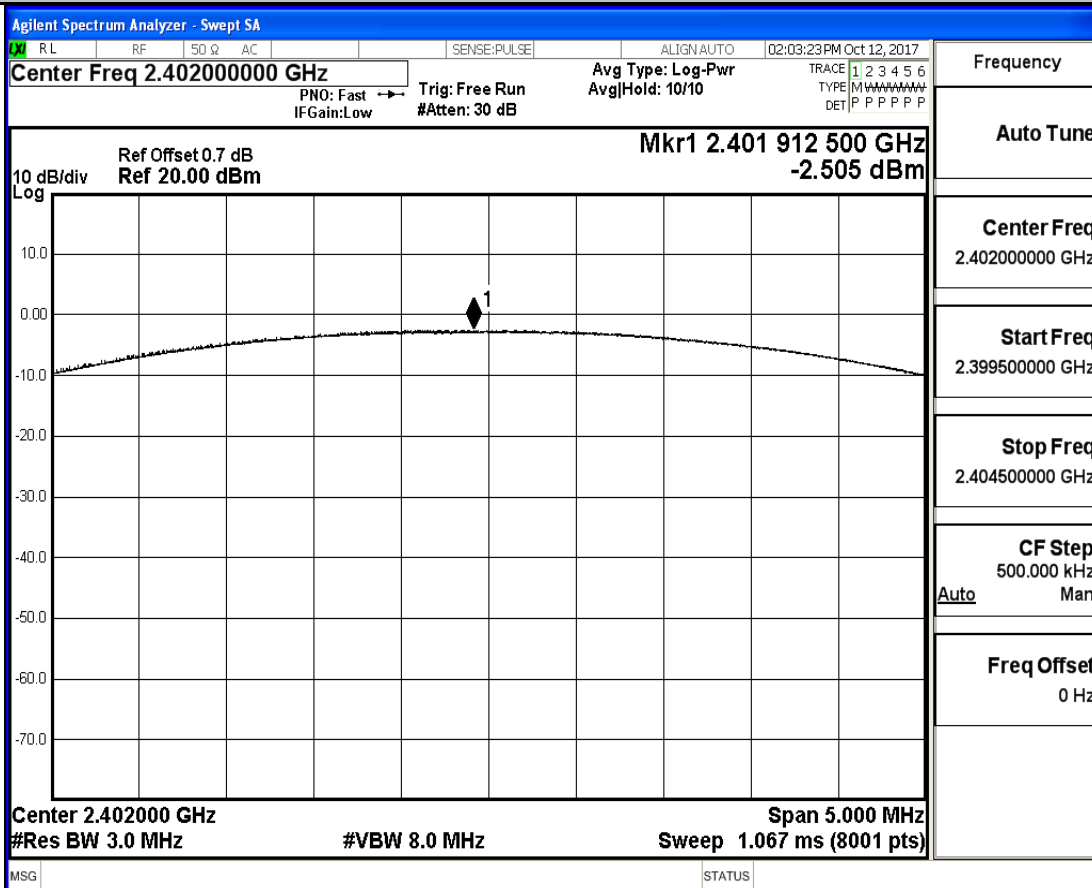




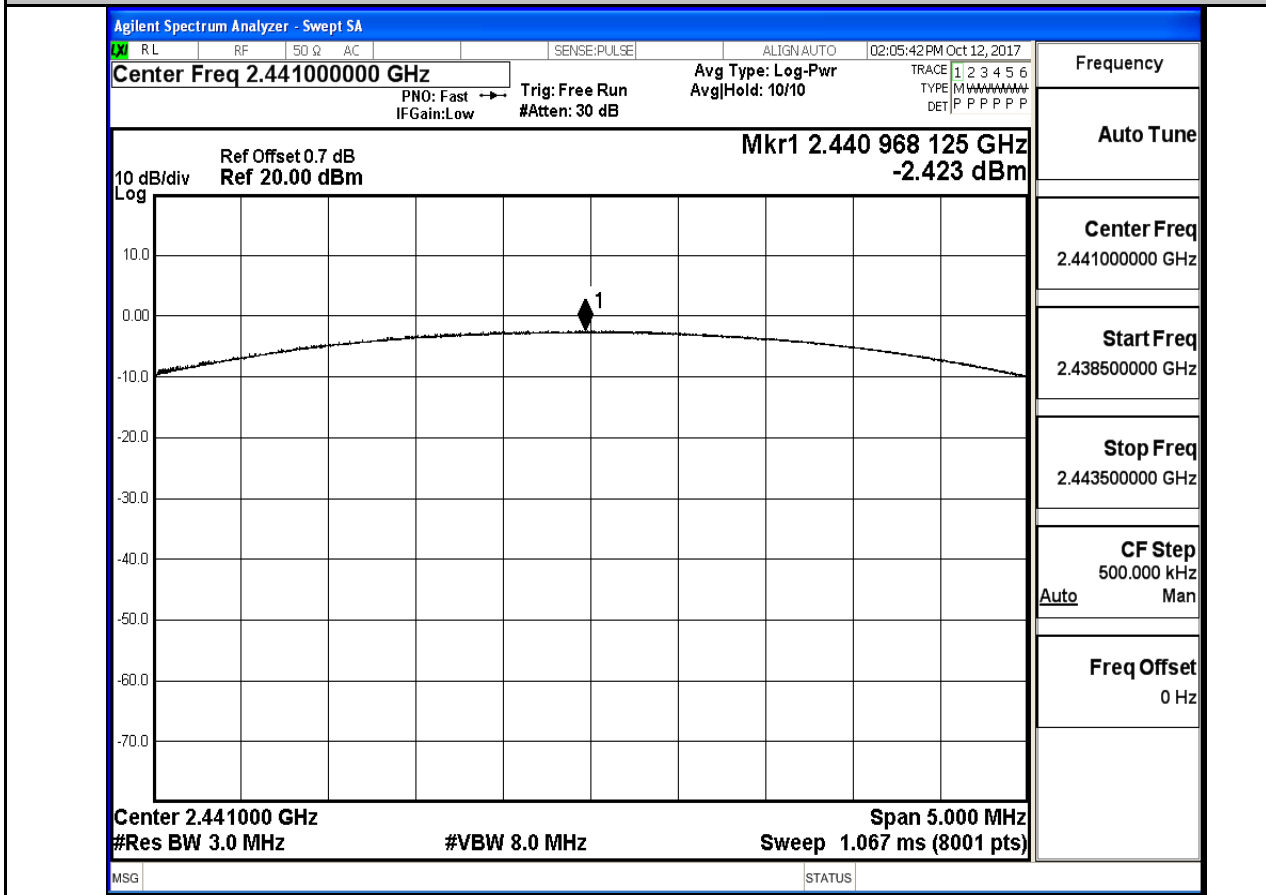
Conducted Peak Output Power\_DH5\_2480



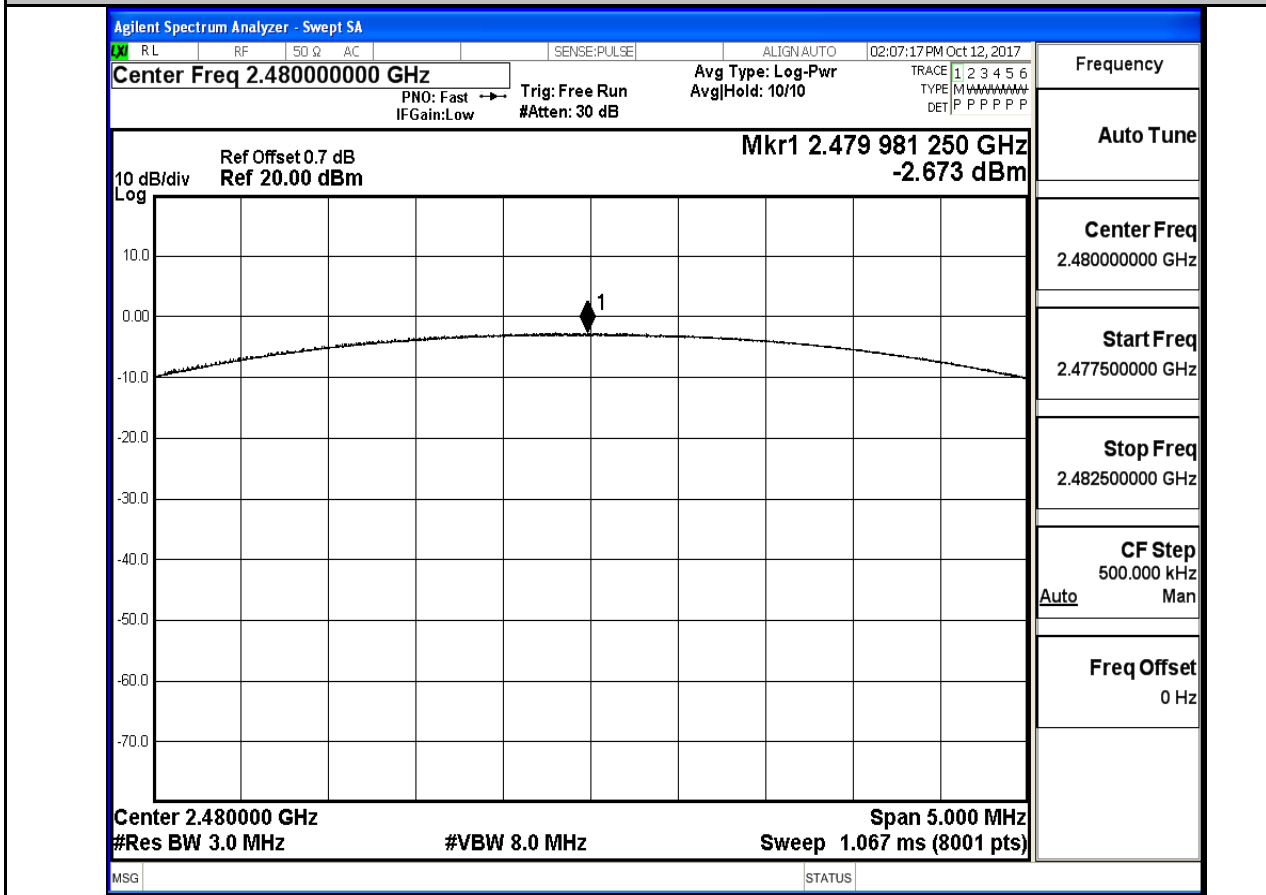
Conducted Peak Output Power\_2DH5\_2402



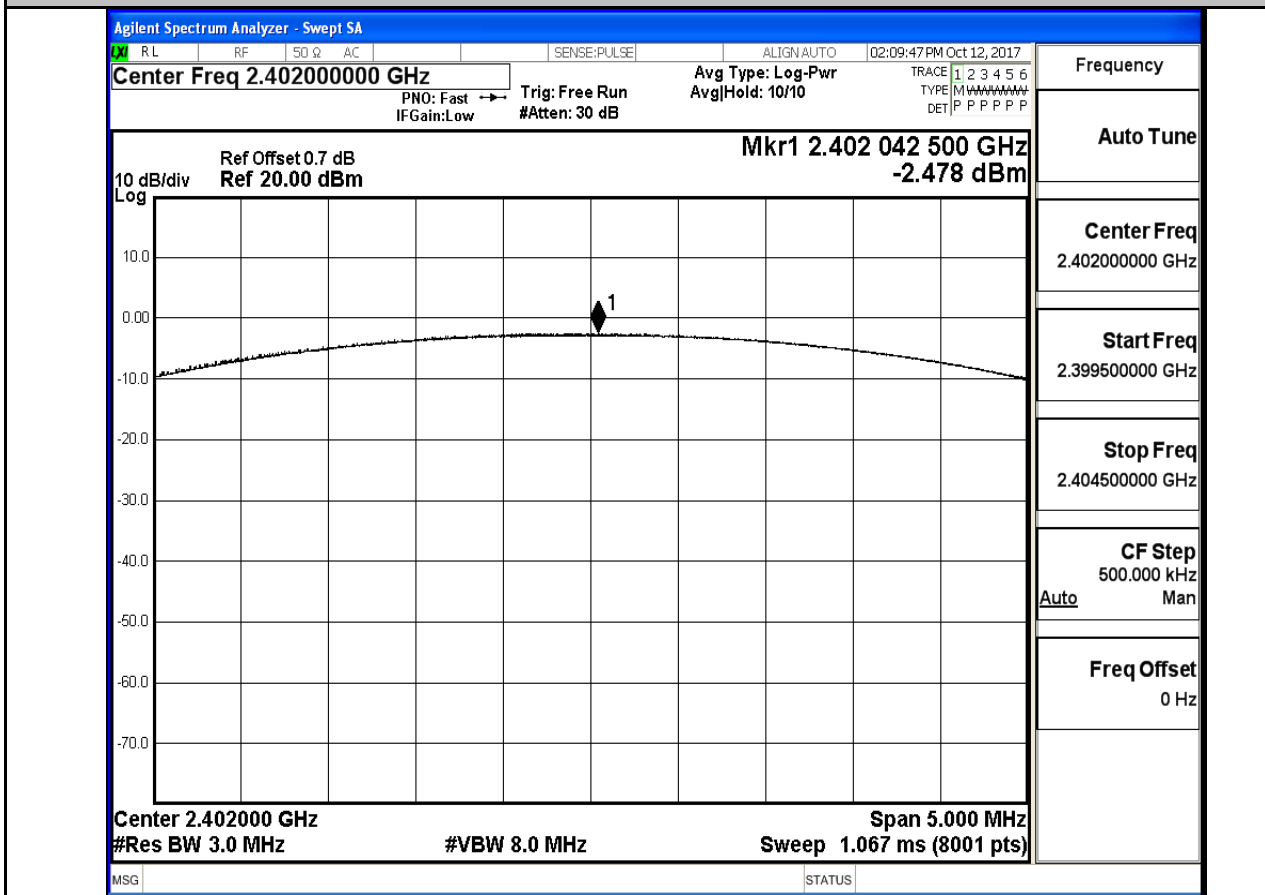
Conducted Peak Output Power\_2DH5\_2441



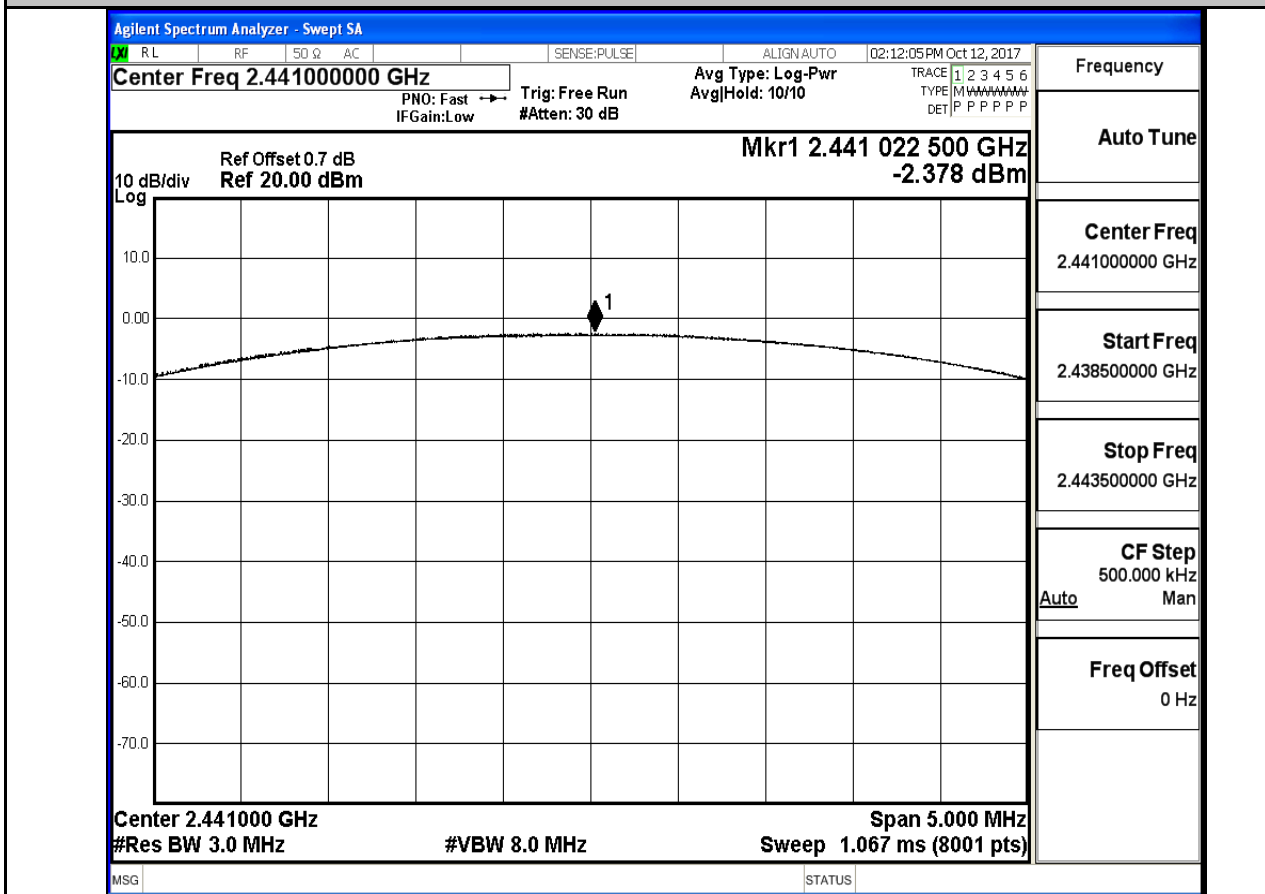
Conducted Peak Output Power\_2DH5\_2480



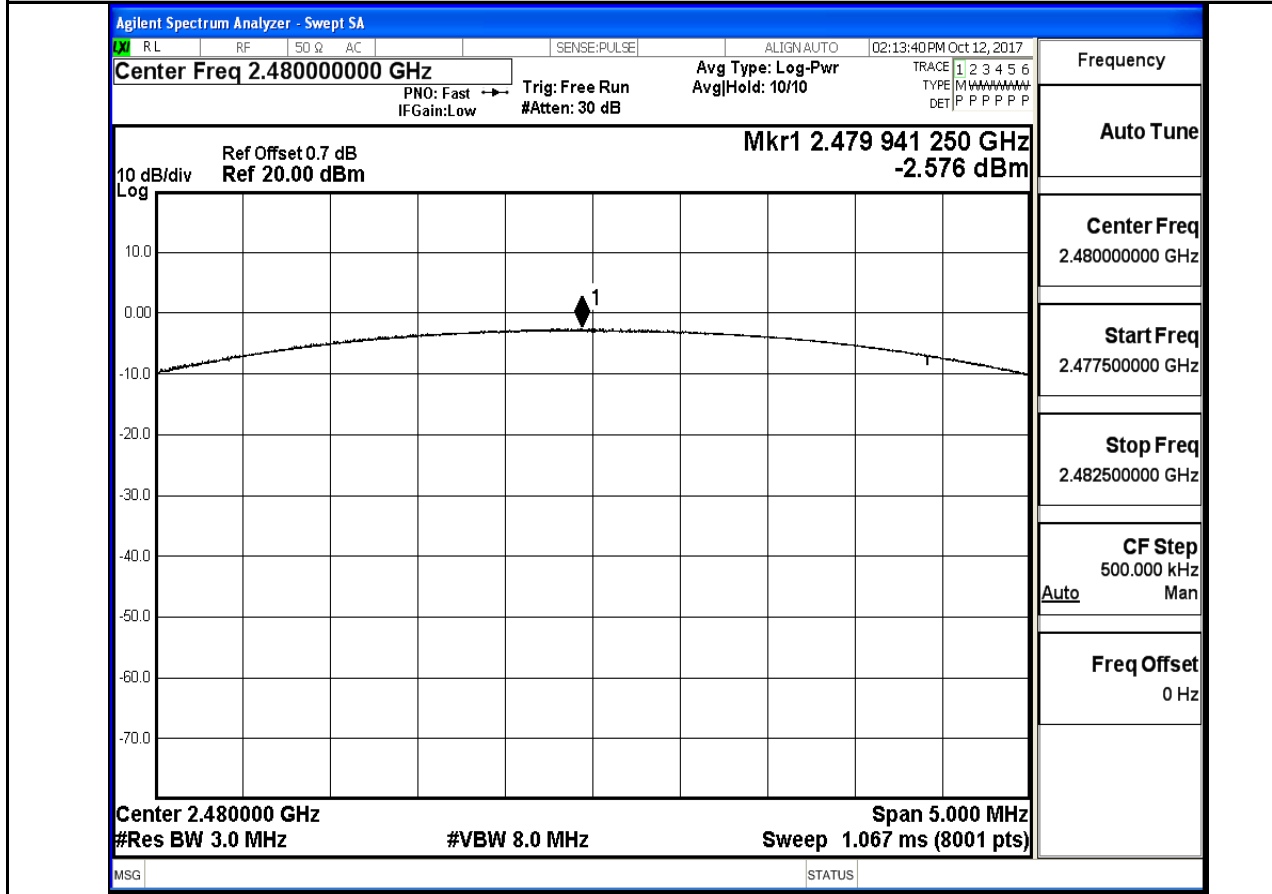
Conducted Peak Output Power\_3DH5\_2402



Conducted Peak Output Power\_3DH5\_2441



Conducted Peak Output Power\_3DH5\_2480

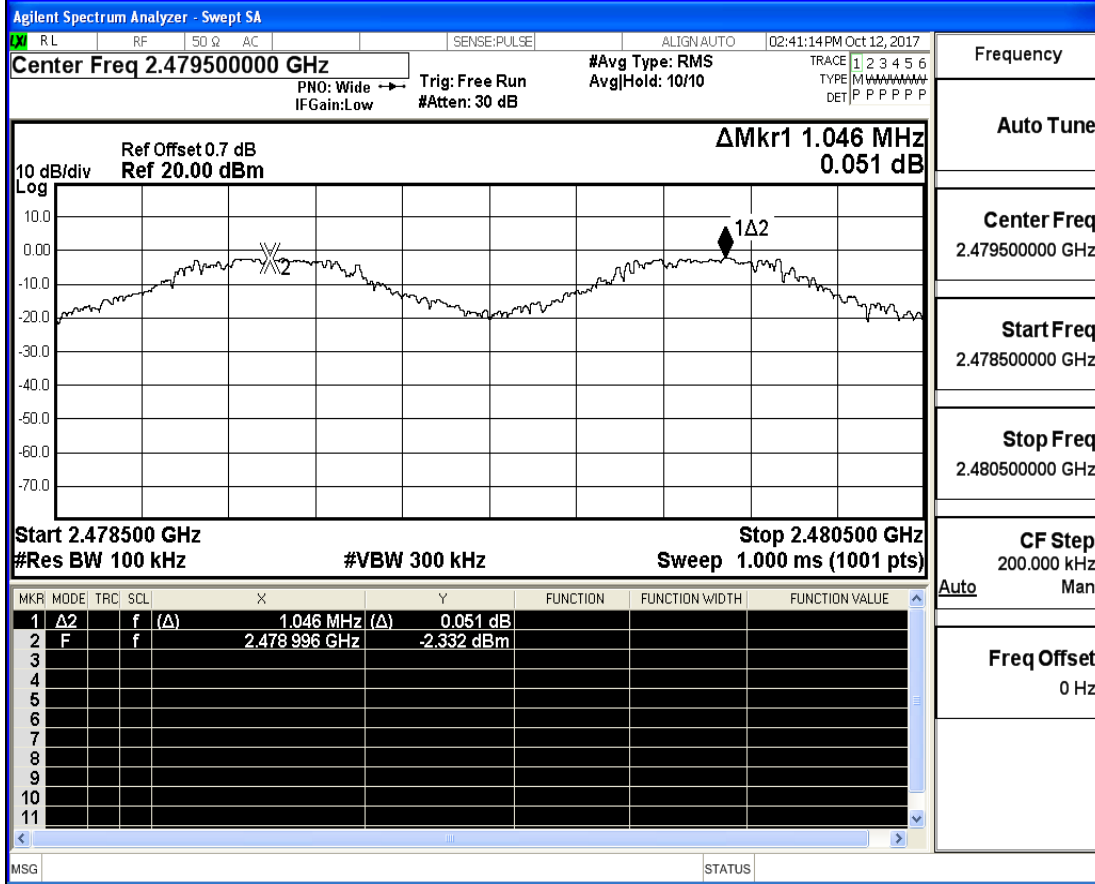


**3.Carrier Frequency Separation**

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	0.956	0.55	PASS
DH5	2441	0.816	0.55	PASS
DH5	2480	1.046	0.55	PASS
2DH5	2402	1.01	0.75	PASS
2DH5	2441	0.784	0.75	PASS
2DH5	2480	0.866	0.75	PASS
3DH5	2402	1.018	0.76	PASS
3DH5	2441	1.02	0.75	PASS
3DH5	2480	0.942	0.74	PASS

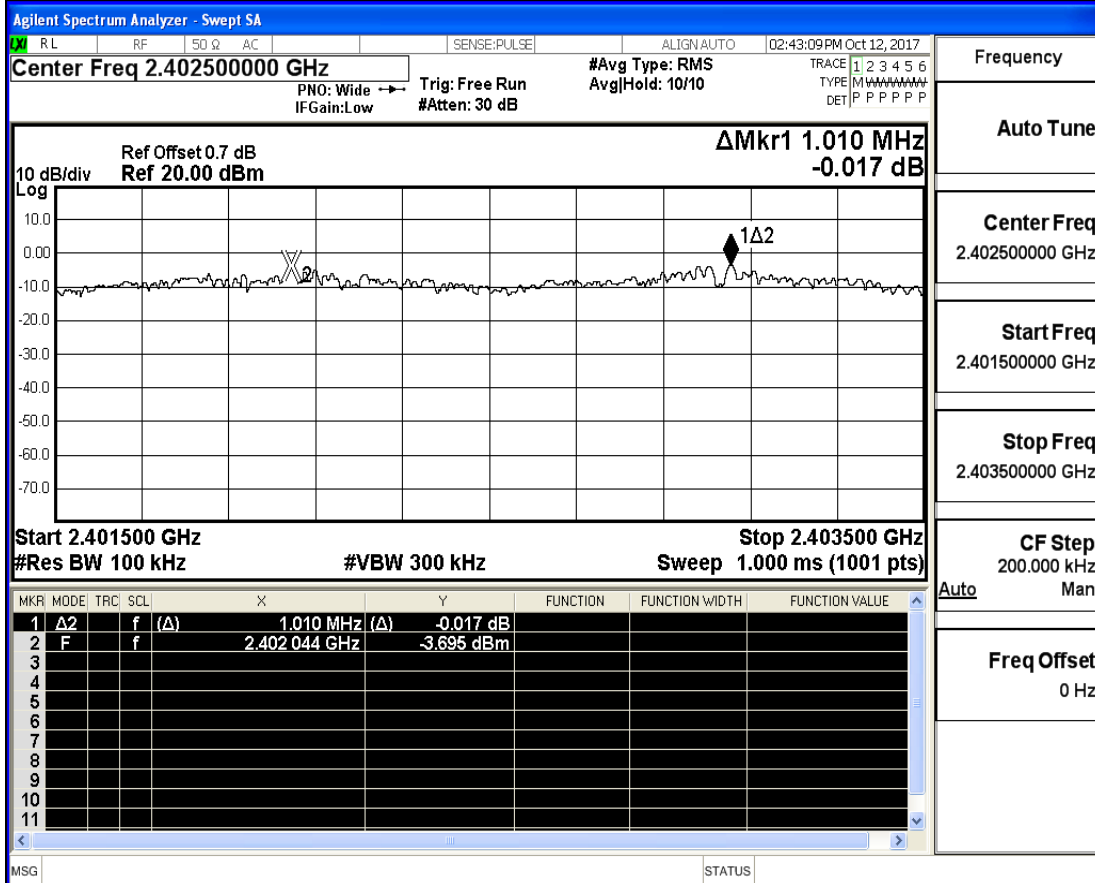


Carrier Frequency Separation\_DH5\_2480



Frequency
Auto Tune
Center Freq 2.479500000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.480500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

Carrier Frequency Separation\_2DH5\_2402



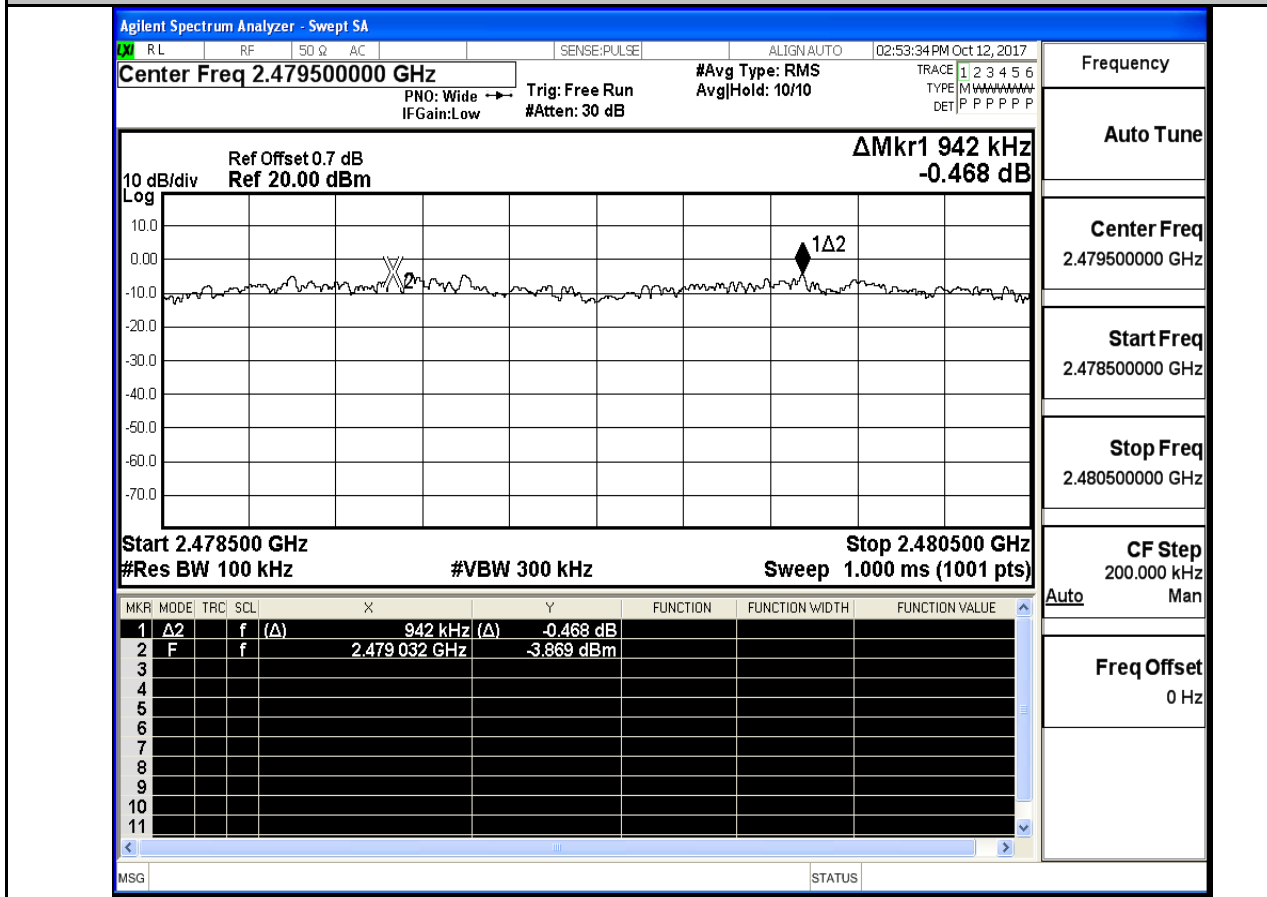
Frequency
Auto Tune
Center Freq 2.402500000 GHz
Start Freq 2.401500000 GHz
Stop Freq 2.403500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz







Carrier Frequency Separation\_3DH5\_2480

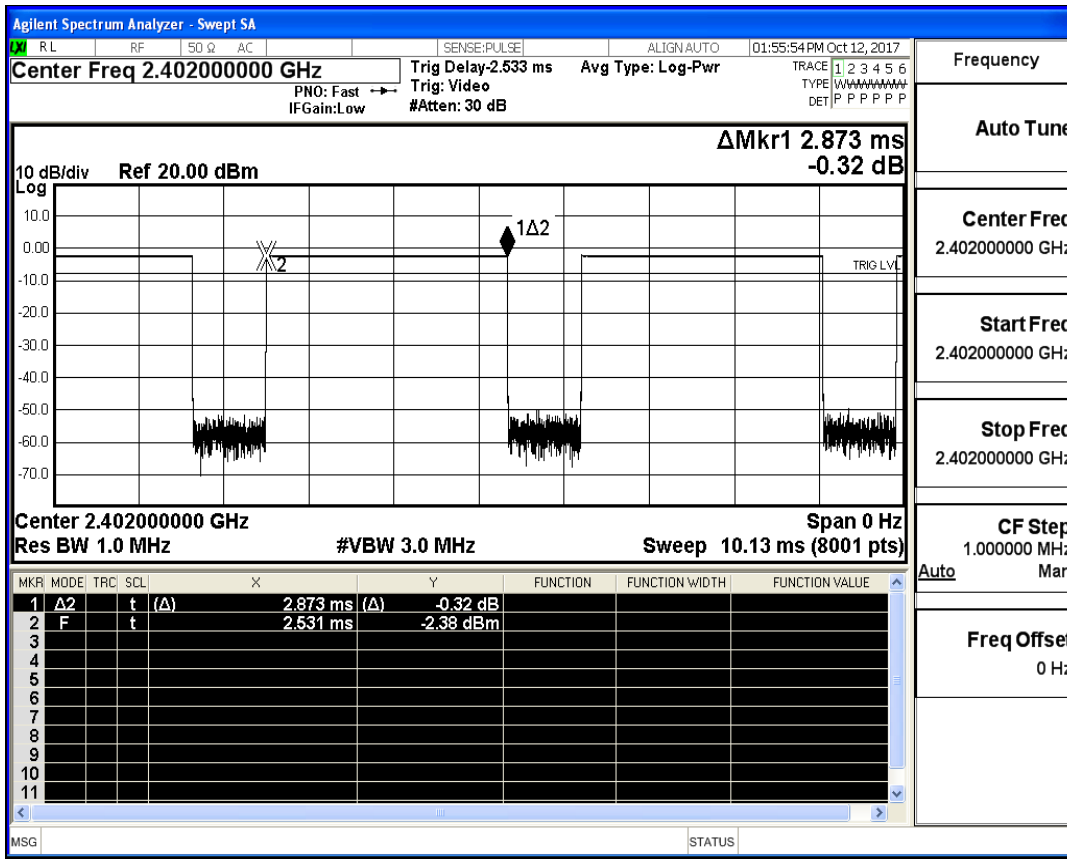


Frequency
Auto Tune
Center Freq 2.479500000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.480500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

**4.Dwell Time**

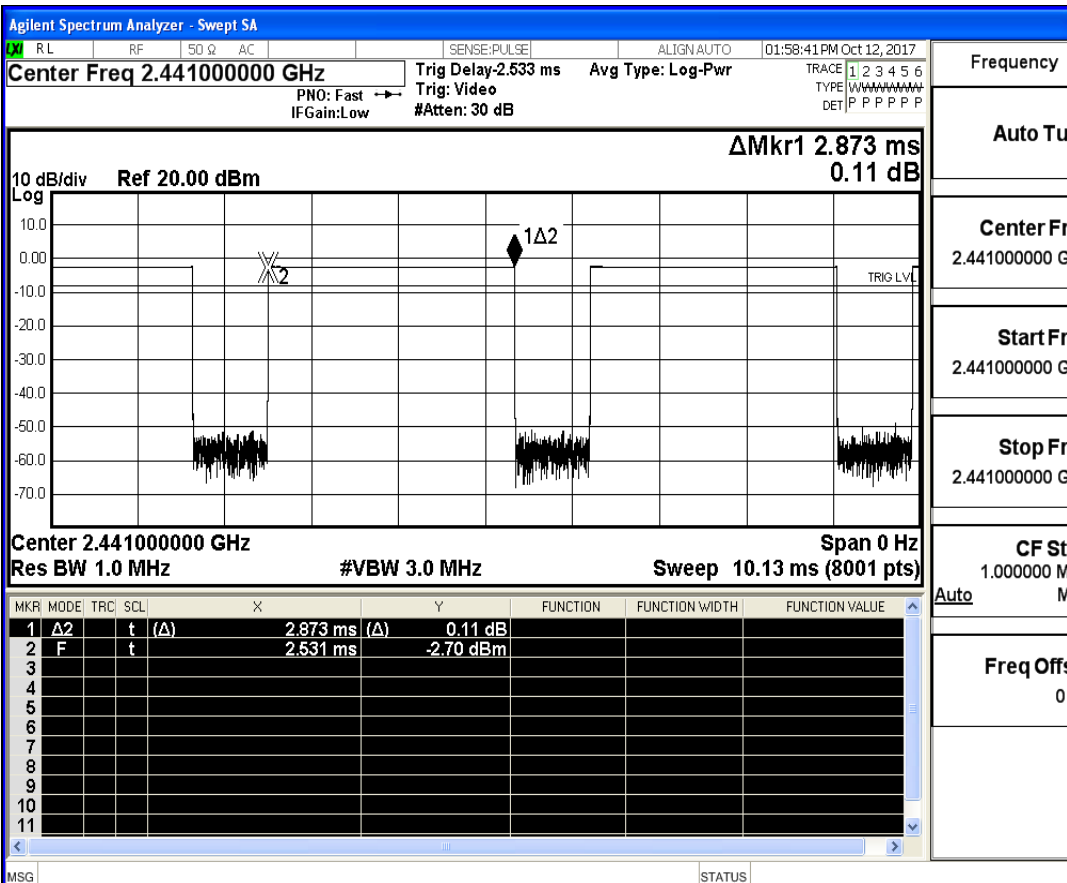
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH5	2402	2.87	106.7	0.306	0.4	PASS
DH5	2441	2.87	106.7	0.306	0.4	PASS
DH5	2480	2.87	106.7	0.306	0.4	PASS
2DH5	2402	2.88	106.7	0.307	0.4	PASS
2DH5	2441	2.88	106.7	0.307	0.4	PASS
2DH5	2480	2.88	106.7	0.307	0.4	PASS
3DH5	2402	2.88	106.7	0.307	0.4	PASS
3DH5	2441	2.88	106.7	0.307	0.4	PASS
3DH5	2480	2.88	106.7	0.307	0.4	PASS

Dwell Time\_DH5\_2402



Frequency	
Auto Tune	
Center Freq	2.40200000 GHz
Start Freq	2.40200000 GHz
Stop Freq	2.40200000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

Dwell Time\_DH5\_2441



Frequency	
Auto Tune	
Center Freq	2.44100000 GHz
Start Freq	2.44100000 GHz
Stop Freq	2.44100000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz









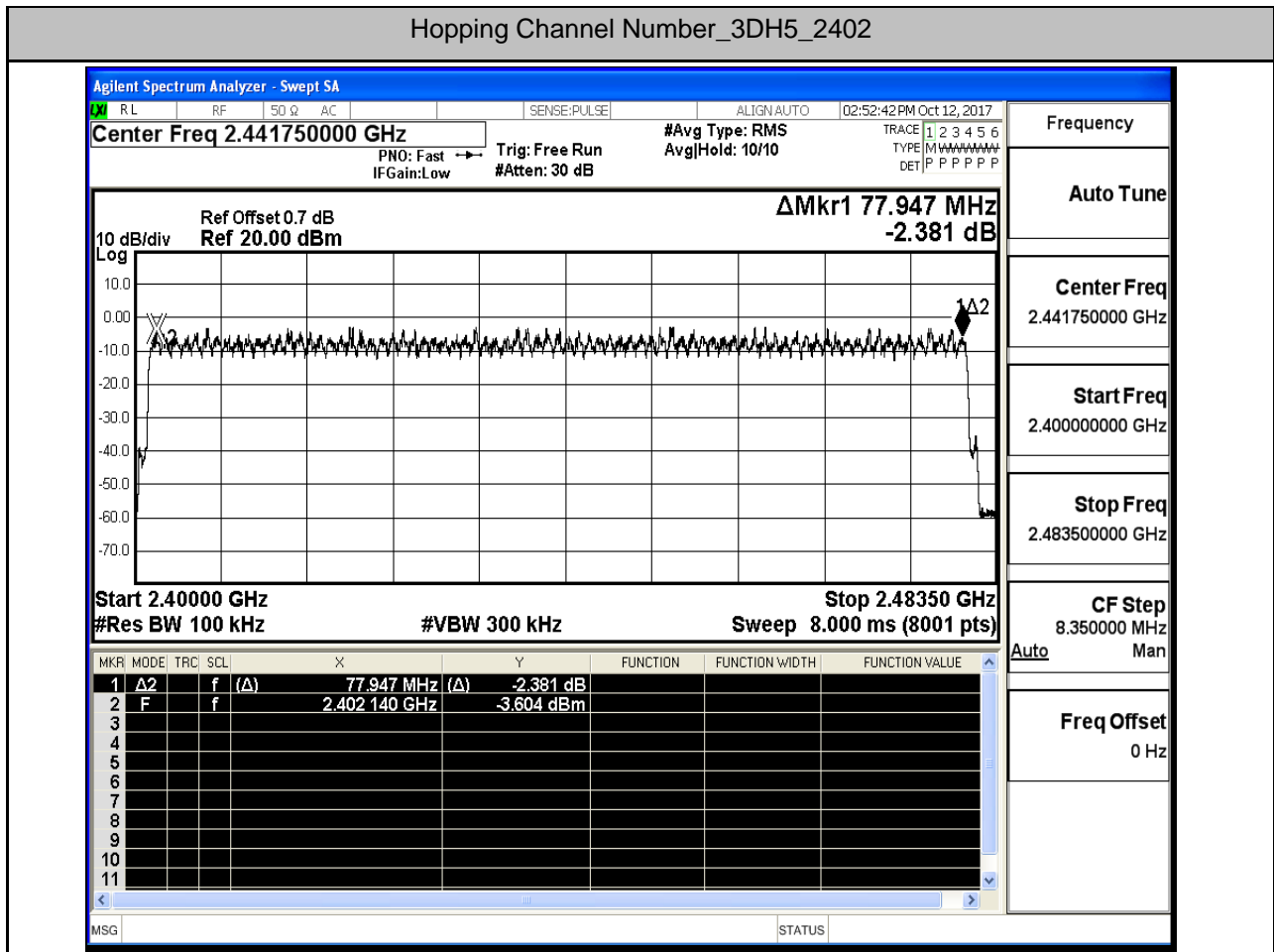


**5.Hopping Channel Number**

Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
DH5	2402	79	$\geq 15$	PASS
2DH5	2402	79	$\geq 15$	PASS
3DH5	2402	79	$\geq 15$	PASS



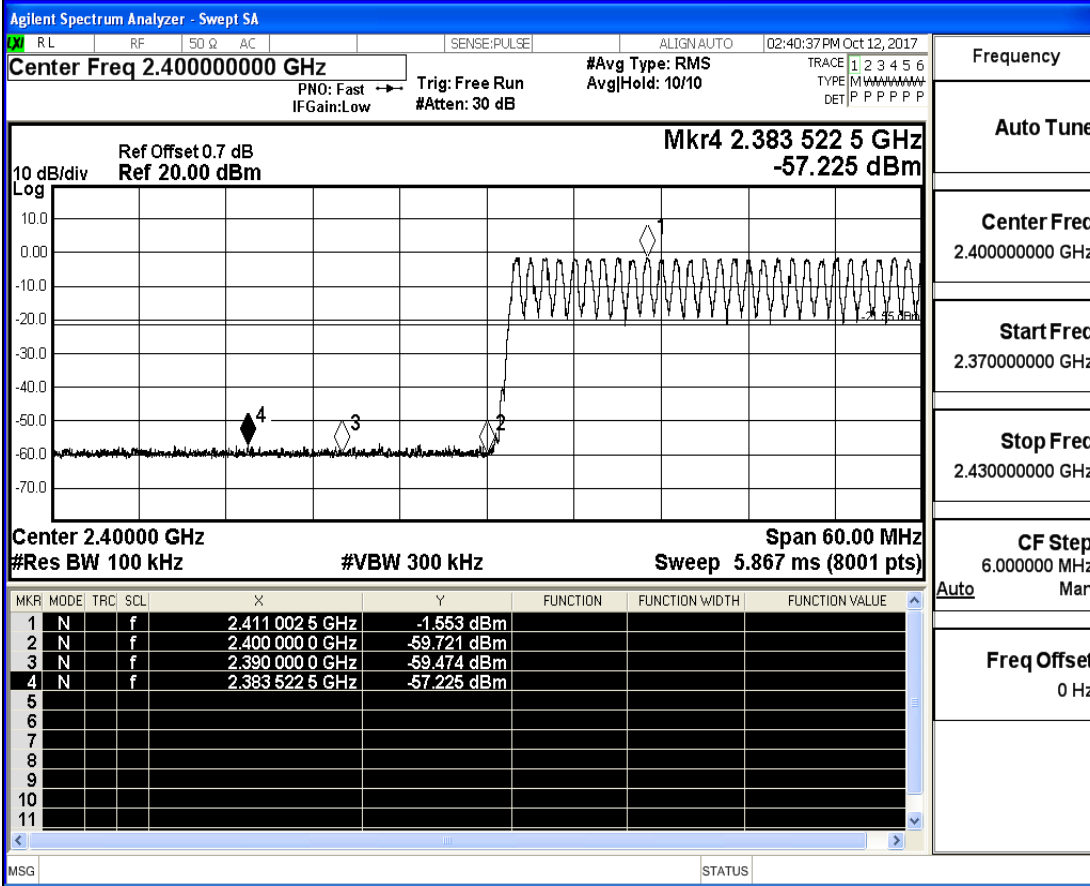
Hopping Channel Number\_3DH5\_2402



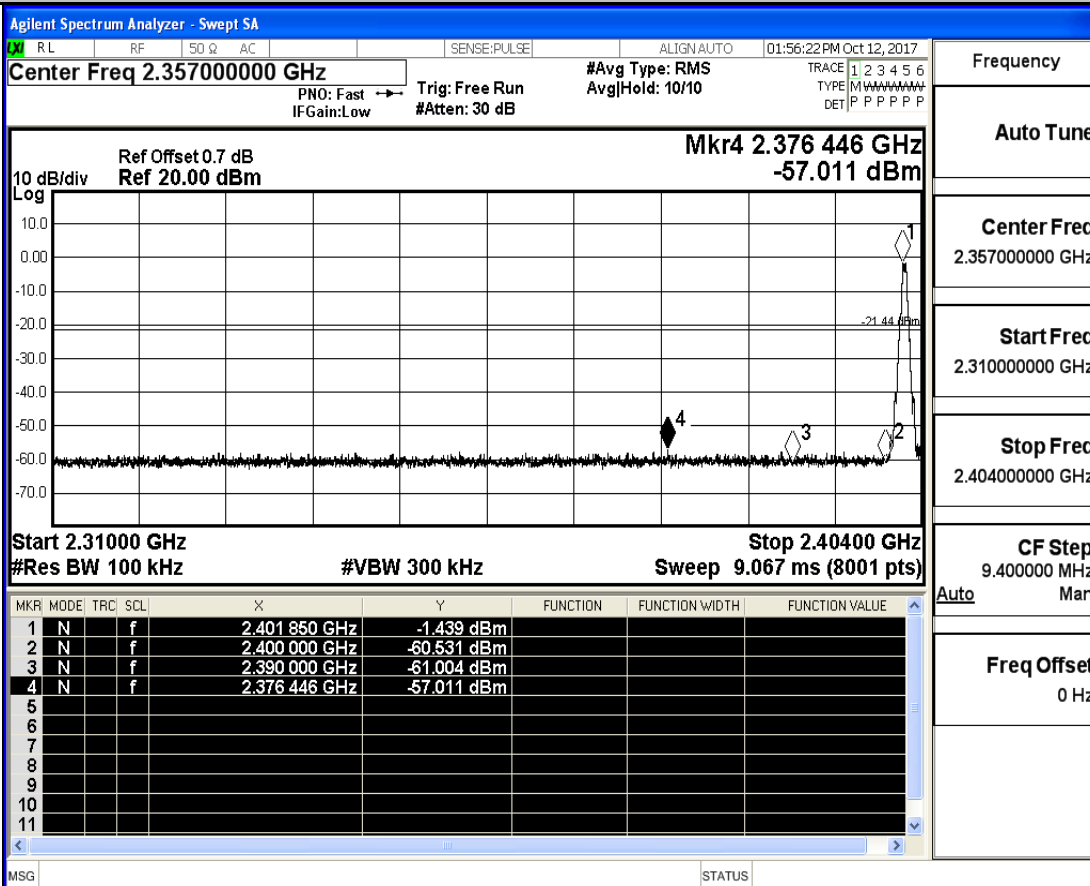
**6.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	-1.553	-57.225	-21.55	PASS
DH5	2402	Off	-1.439	-57.011	-21.44	PASS
DH5	2480	On	-1.499	-56.261	-21.5	PASS
DH5	2480	Off	-1.787	-56.914	-21.79	PASS
2DH5	2402	On	-2.800	-56.884	-22.8	PASS
2DH5	2402	Off	-3.545	-57.538	-23.55	PASS
2DH5	2480	On	-2.981	-56.350	-22.98	PASS
2DH5	2480	Off	-3.372	-56.880	-23.37	PASS
3DH5	2402	On	-2.882	-57.128	-22.88	PASS
3DH5	2402	Off	-3.134	-57.203	-23.13	PASS
3DH5	2480	On	-2.973	-56.294	-22.97	PASS
3DH5	2480	Off	-3.883	-57.414	-23.88	PASS

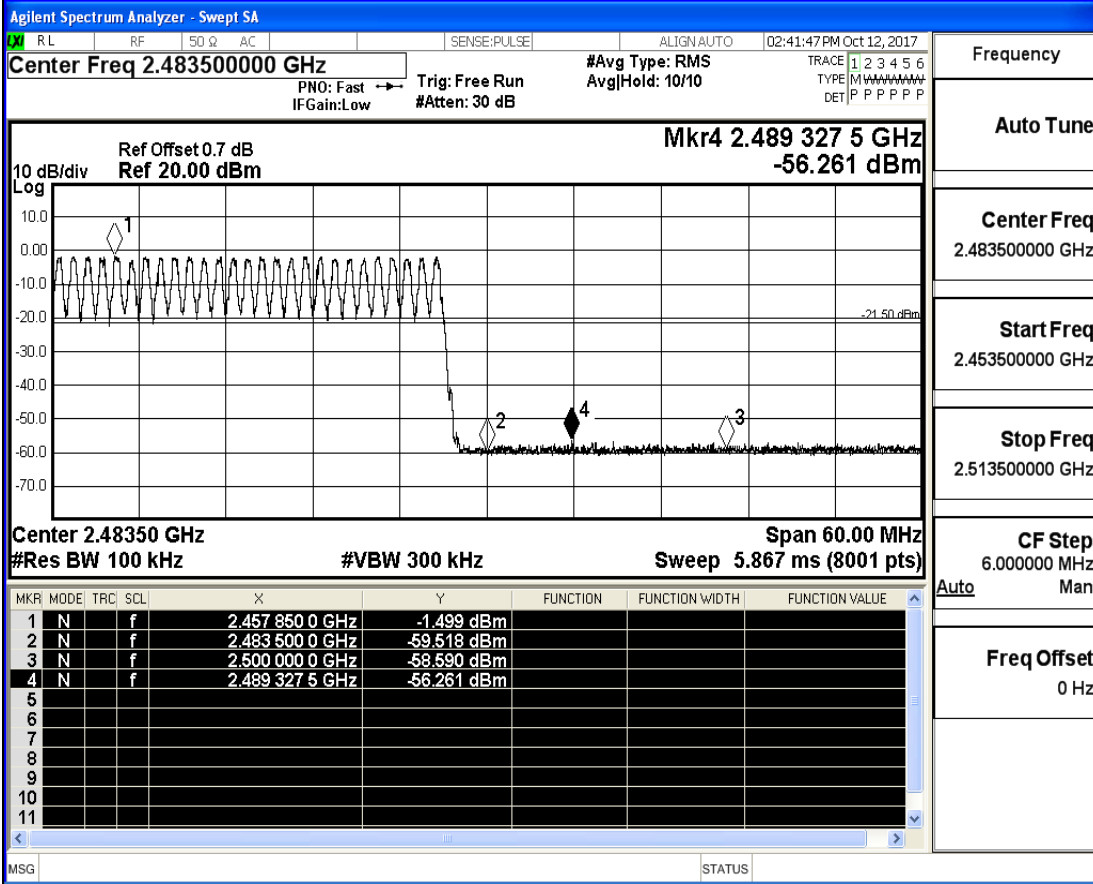
Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping On



Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping Off

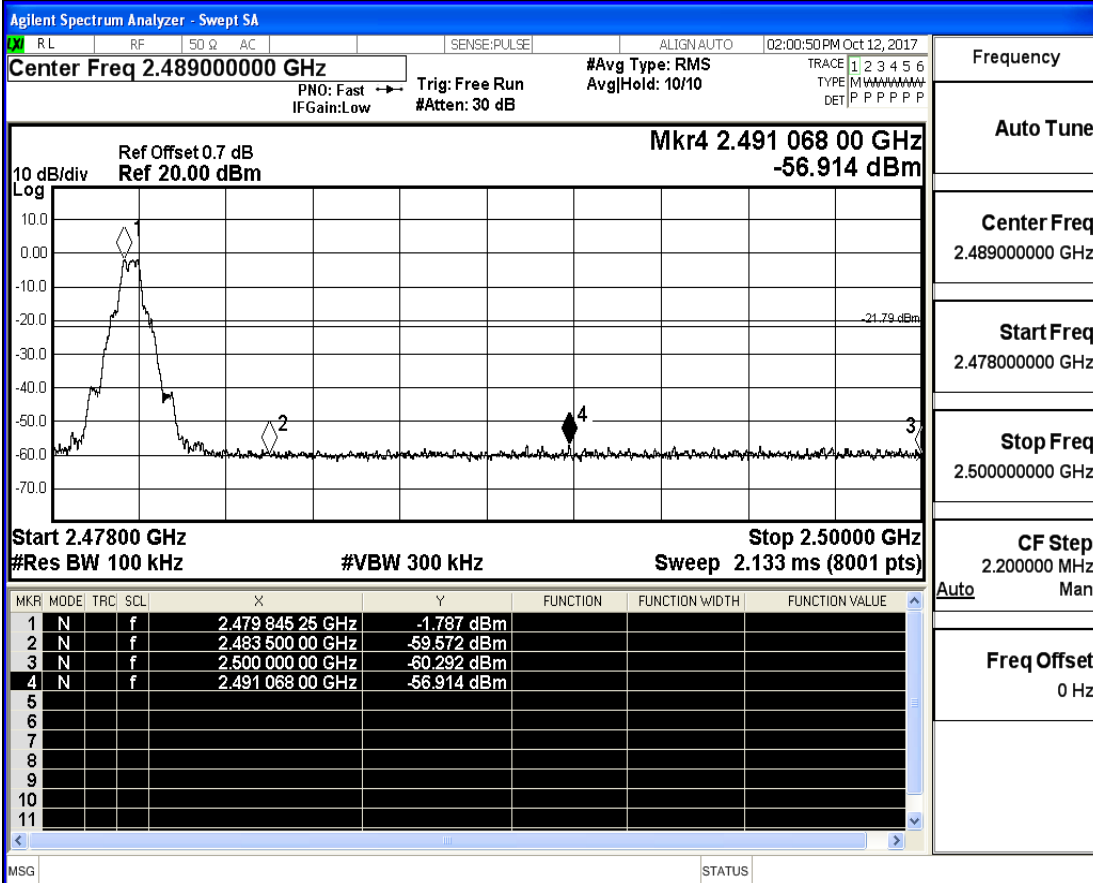


Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping On



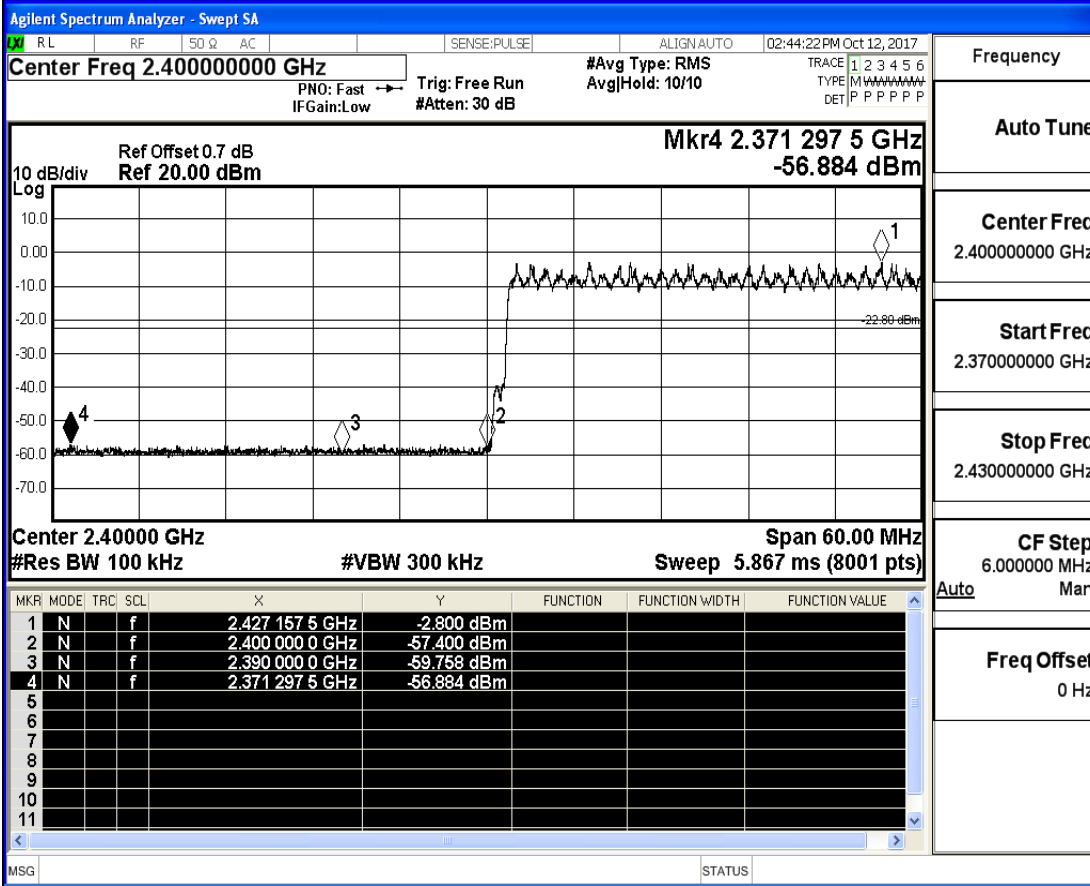
Frequency
Auto Tune
Center Freq 2.483500000 GHz
Start Freq 2.453500000 GHz
Stop Freq 2.513500000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping Off

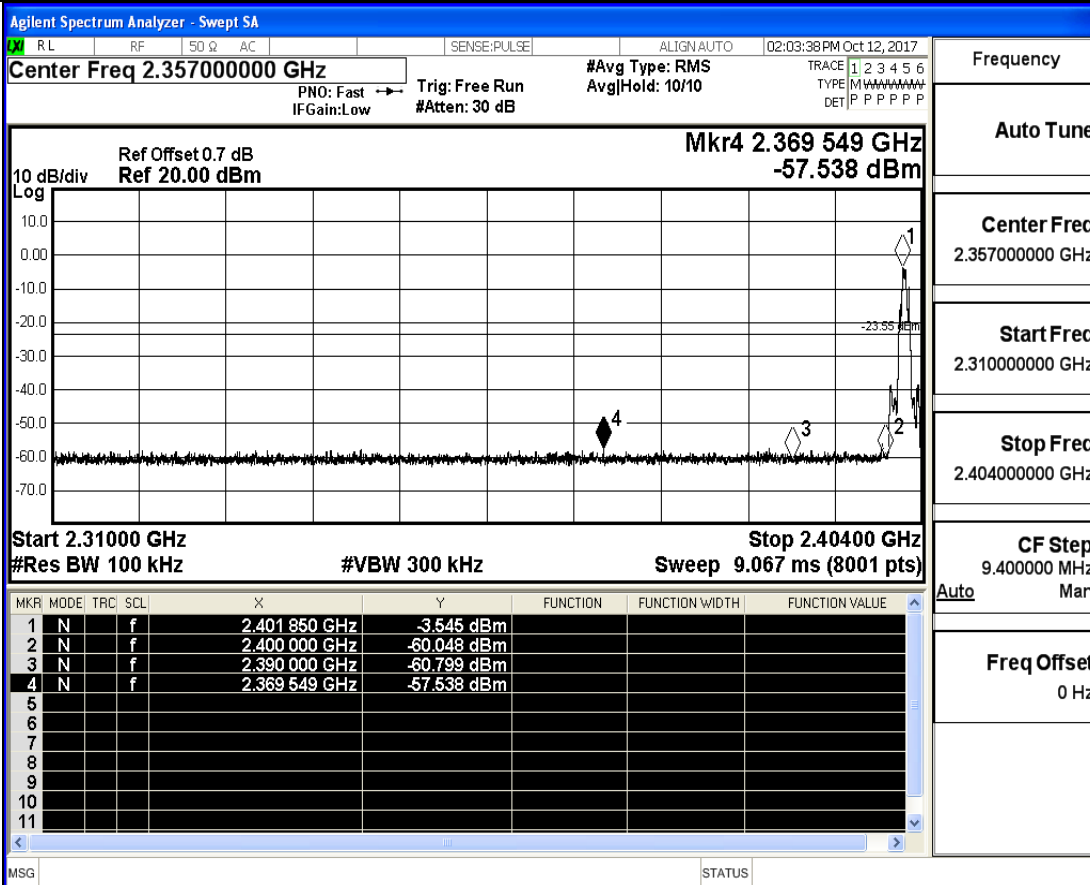


Frequency
Auto Tune
Center Freq 2.489000000 GHz
Start Freq 2.478000000 GHz
Stop Freq 2.500000000 GHz
CF Step 2.200000 MHz Auto Man
Freq Offset 0 Hz

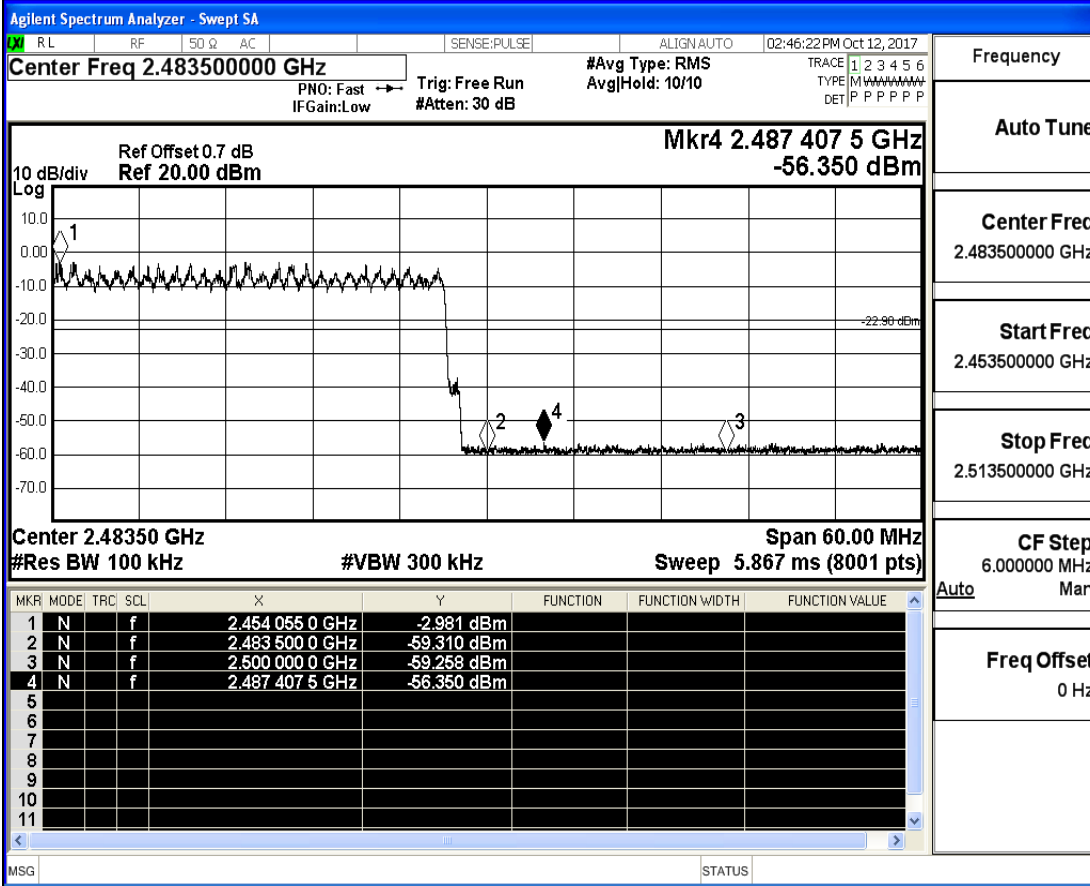
Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping On



Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping Off

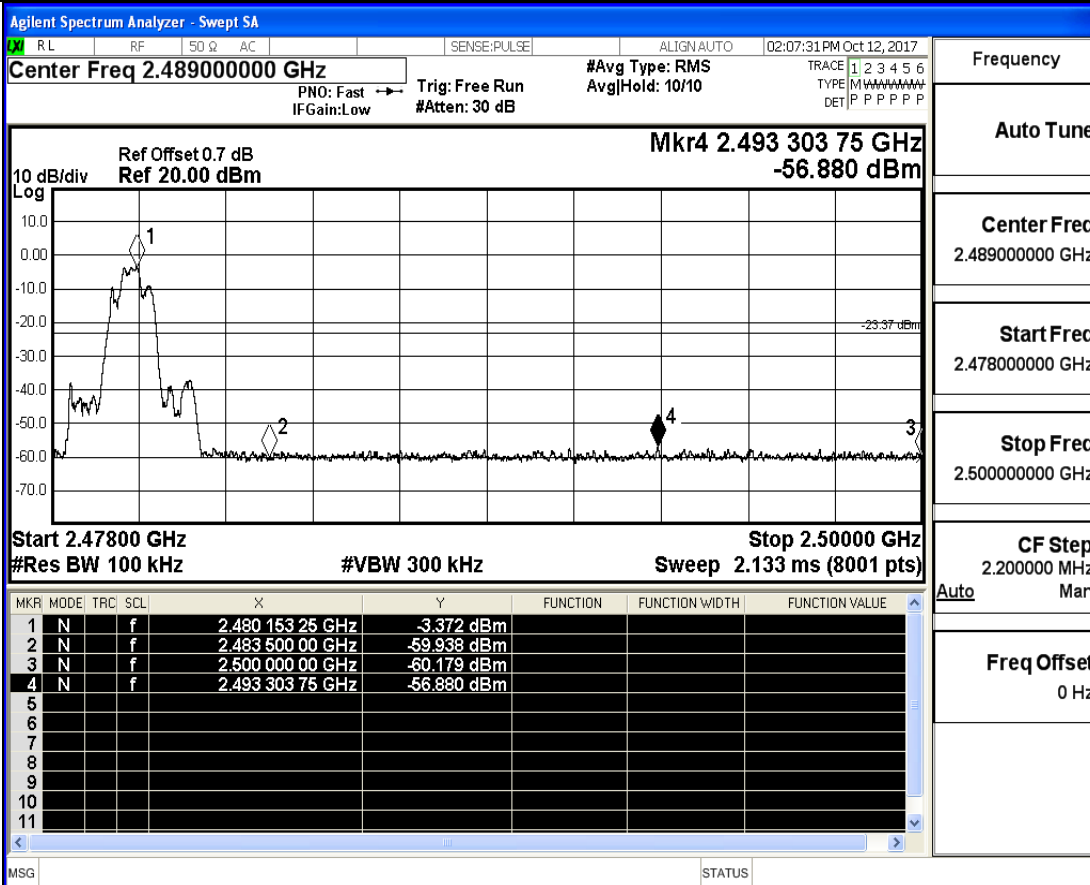


Band-edge for RF Conducted Emissions\_2DH5\_2480\_Hopping On



Frequency
Auto Tune
Center Freq 2.483500000 GHz
Start Freq 2.453500000 GHz
Stop Freq 2.513500000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

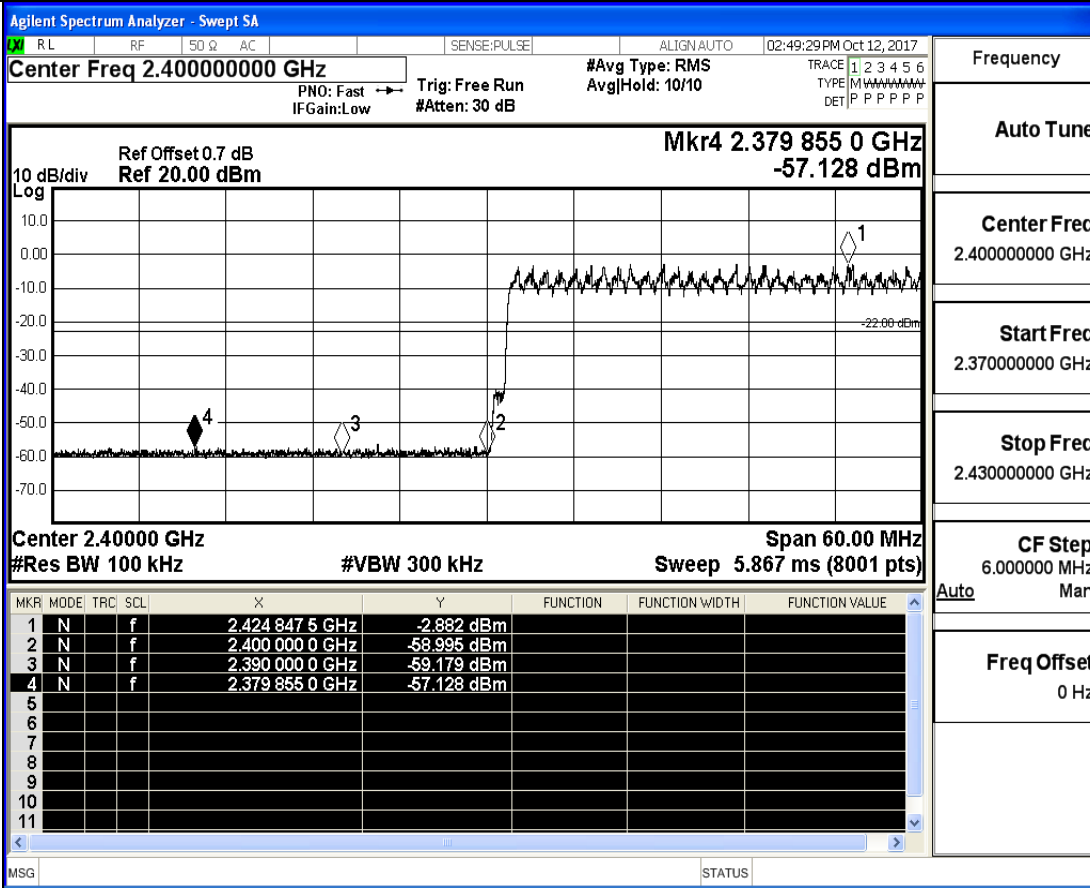
Band-edge for RF Conducted Emissions\_2DH5\_2480\_Hopping Off



Frequency
Auto Tune
Center Freq 2.489000000 GHz
Start Freq 2.478000000 GHz
Stop Freq 2.500000000 GHz
CF Step 2.200000 MHz Auto Man
Freq Offset 0 Hz

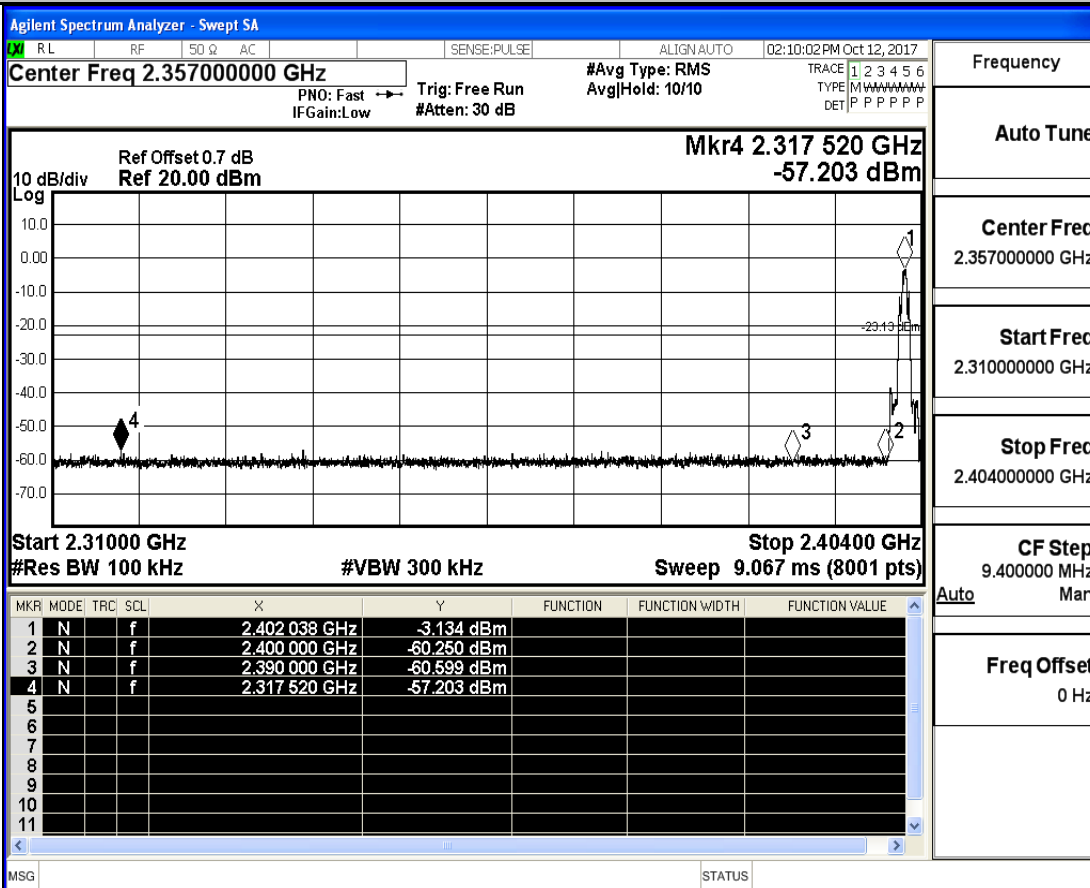


Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping On



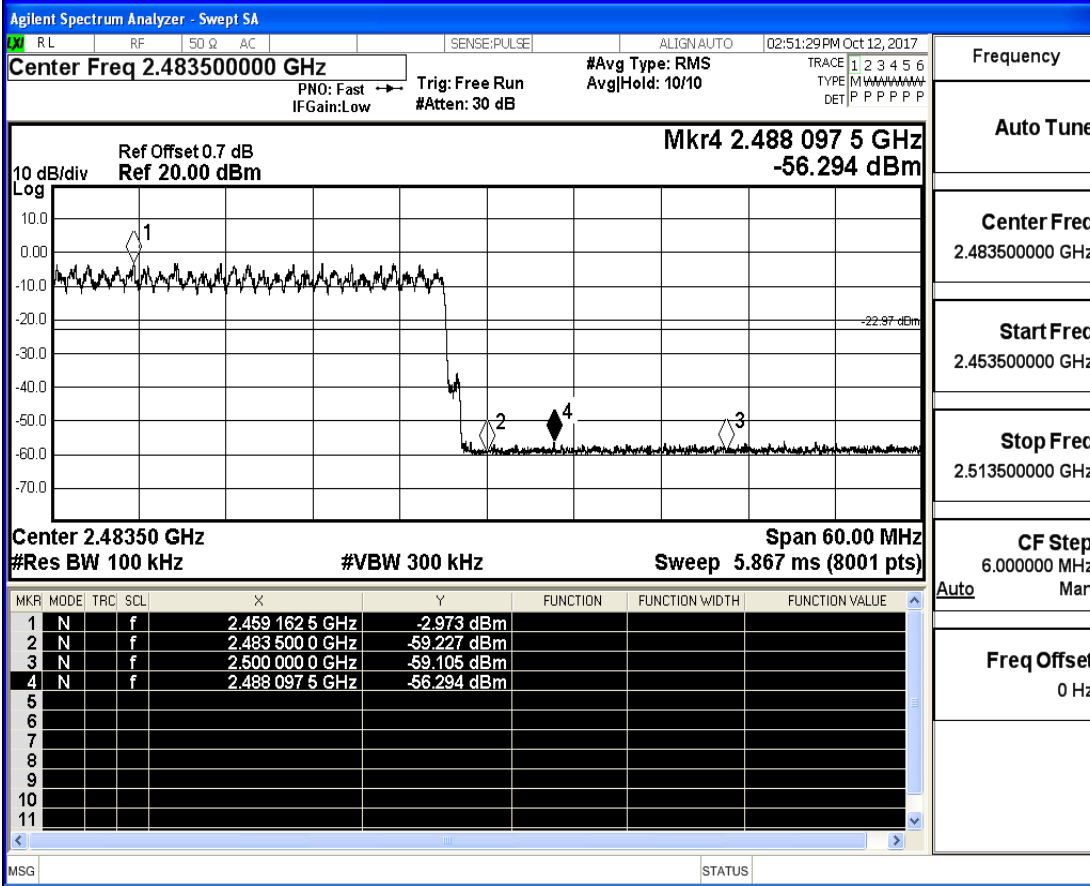
Frequency	
Auto Tune	
Center Freq	2.40000000 GHz
Start Freq	2.37000000 GHz
Stop Freq	2.43000000 GHz
CF Step	6.000000 MHz
Auto Man	
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping Off



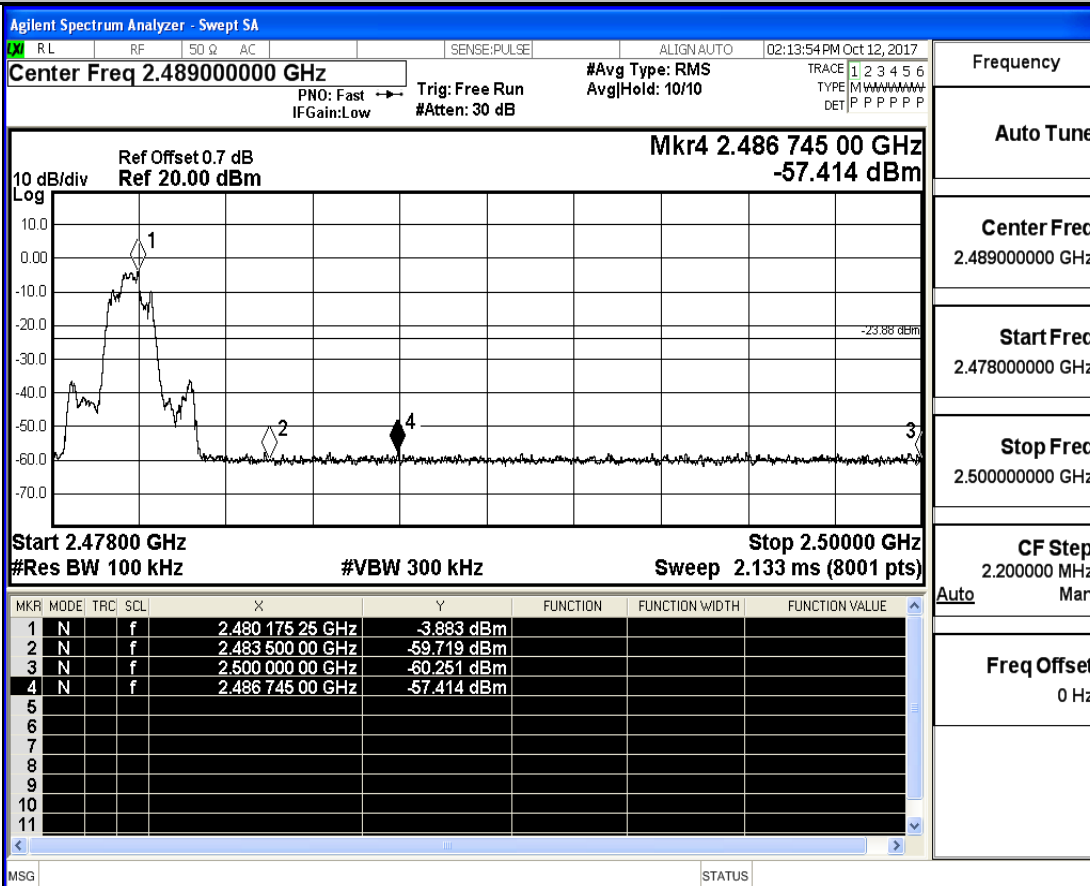
Frequency	
Auto Tune	
Center Freq	2.35700000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.40400000 GHz
CF Step	9.400000 MHz
Auto Man	
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions\_3DH5\_2480\_Hopping On



Frequency	
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.453500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions\_3DH5\_2480\_Hopping Off

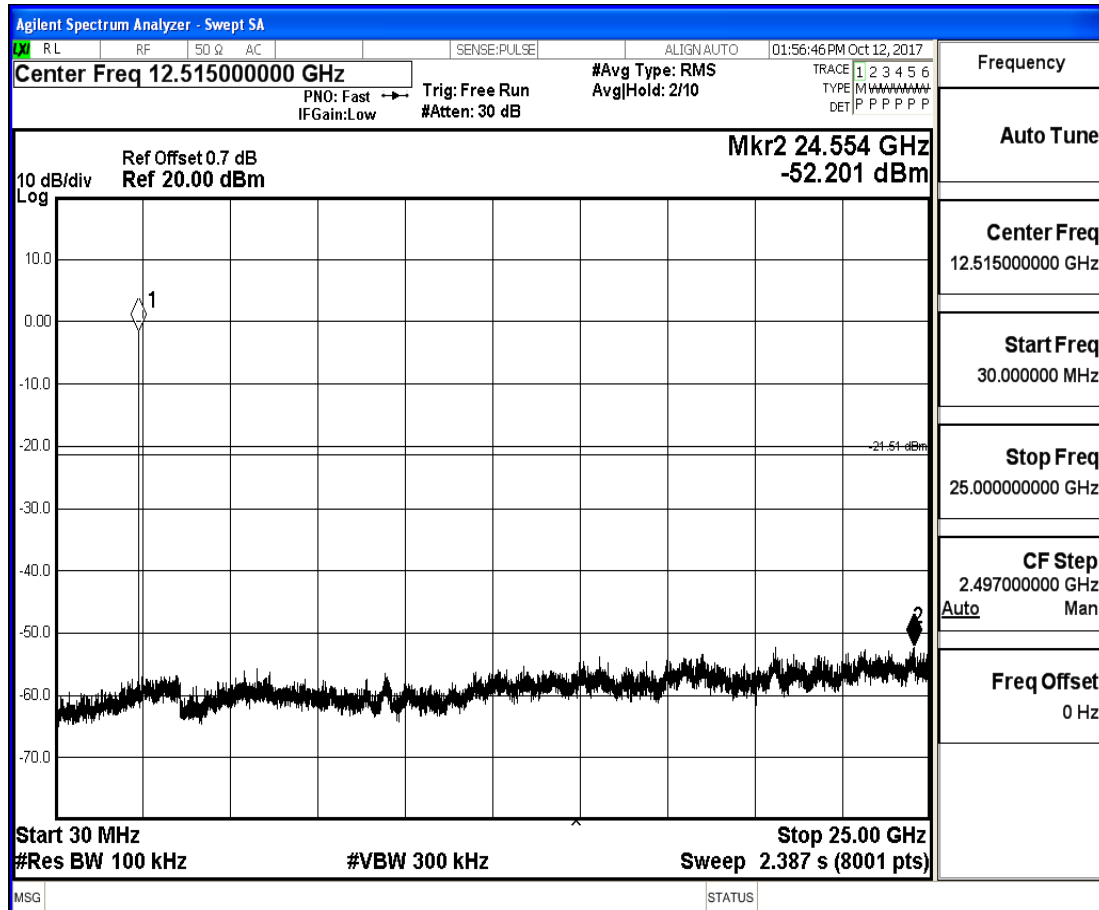
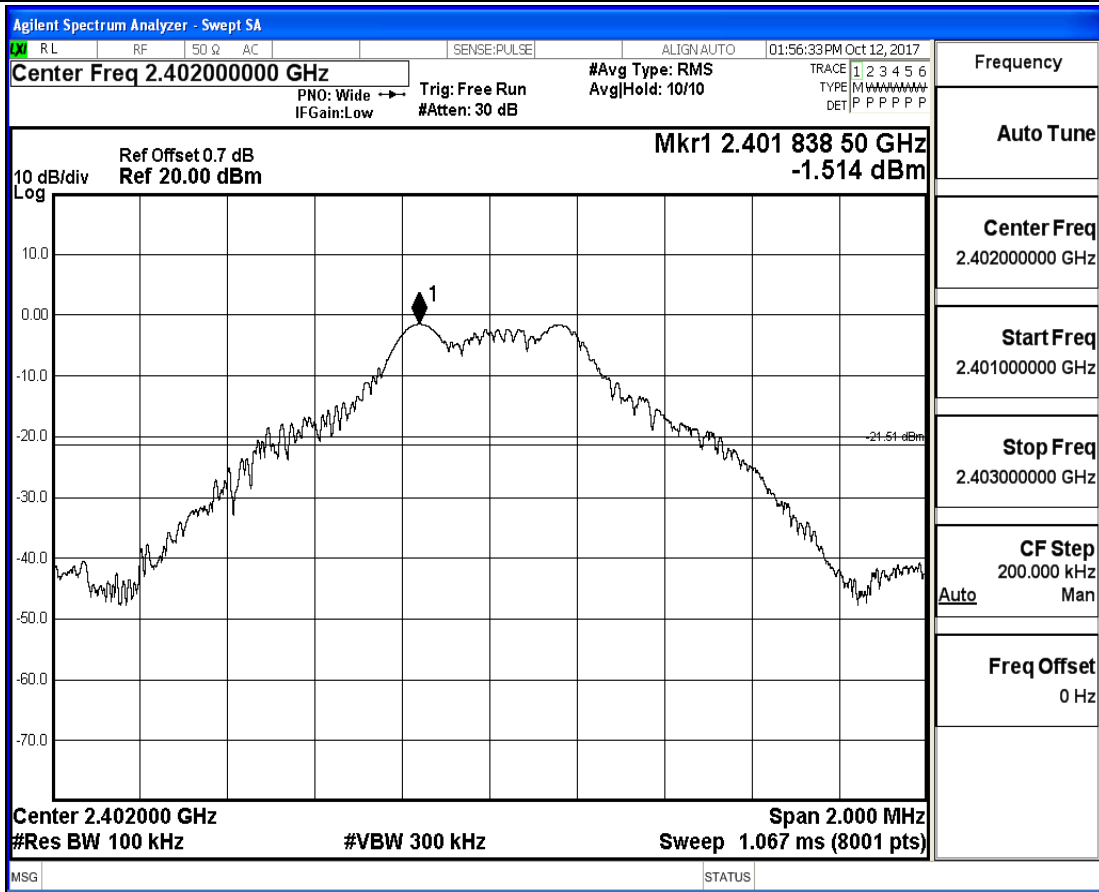


Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Freq Offset	0 Hz

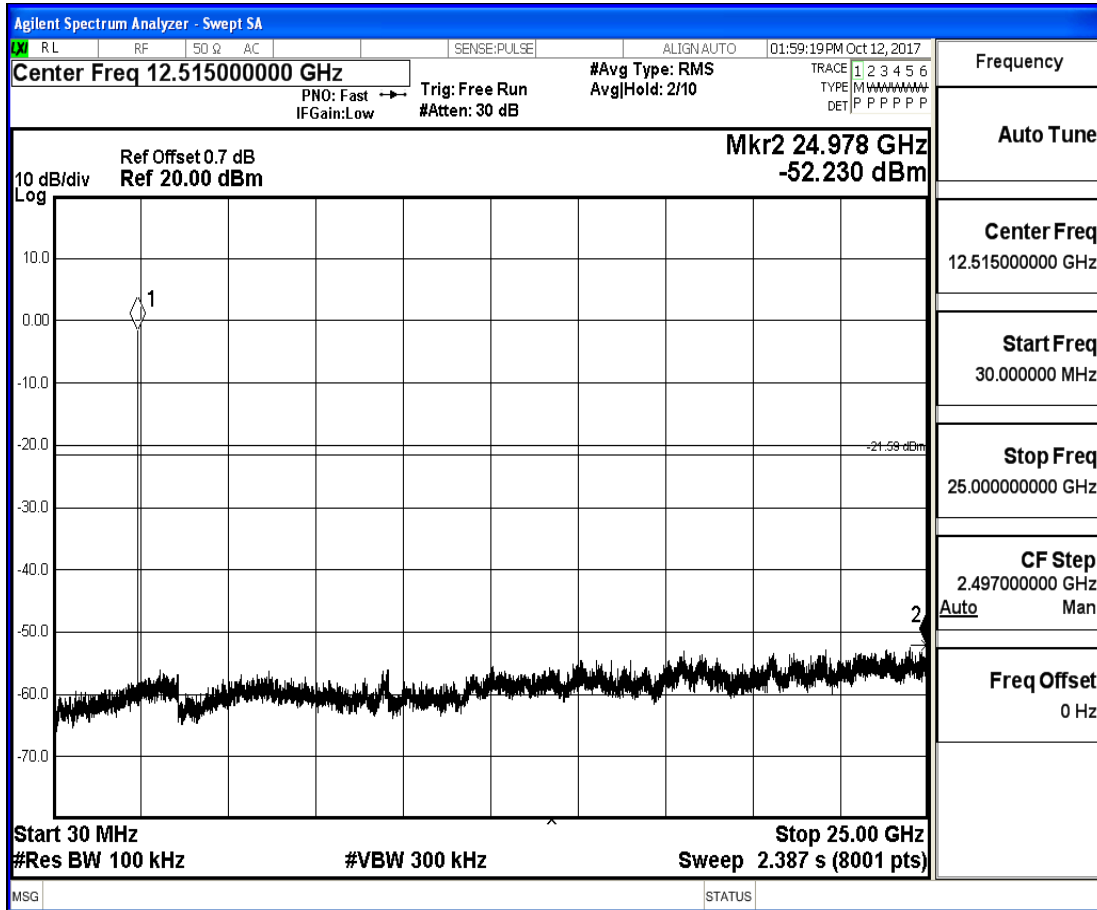
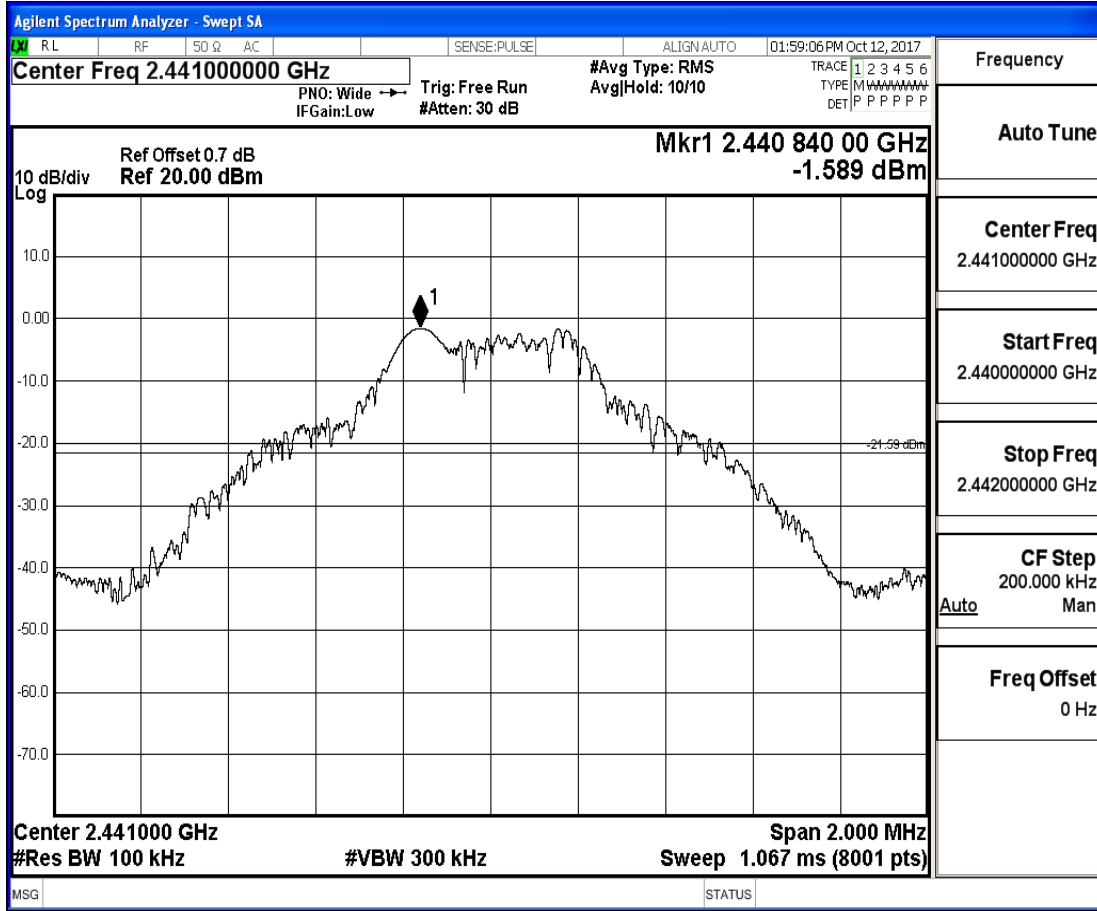
**7.RF Conducted Spurious Emissions**

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	25000	100	300	-1.514	-52.201	<-21.514	PASS
DH5	2441	30	25000	100	300	-1.589	-52.230	<-21.589	PASS
DH5	2480	30	25000	100	300	-1.864	-52.216	<-21.864	PASS
2DH5	2402	30	25000	100	300	-3.584	-51.100	<-23.584	PASS
2DH5	2441	30	25000	100	300	-2.991	-52.125	<-22.991	PASS
2DH5	2480	30	25000	100	300	-3.295	-50.768	<-23.295	PASS
3DH5	2402	30	25000	100	300	-3.277	-52.546	<-23.277	PASS
3DH5	2441	30	25000	100	300	-2.942	-52.385	<-22.942	PASS
3DH5	2480	30	25000	100	300	-3.162	-52.083	<-23.162	PASS

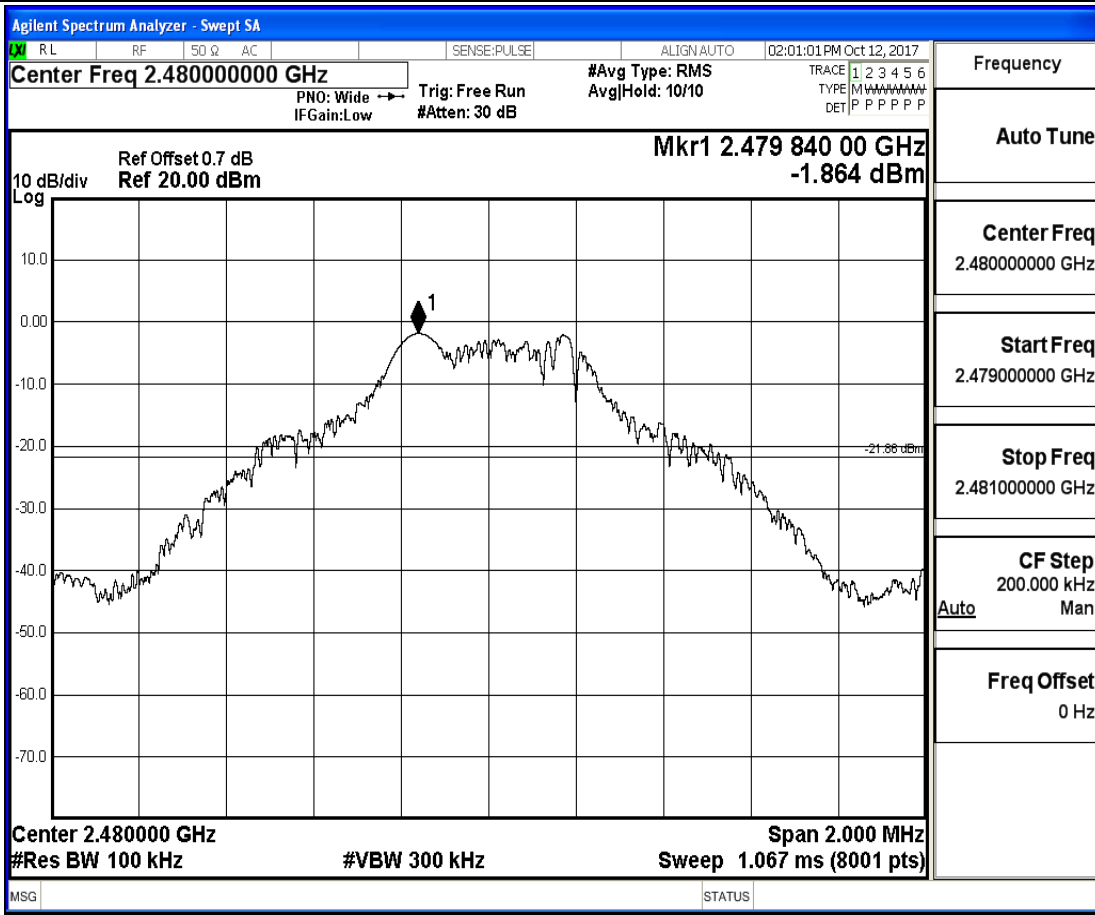
RF Conducted Spurious Emissions\_DH5\_2402



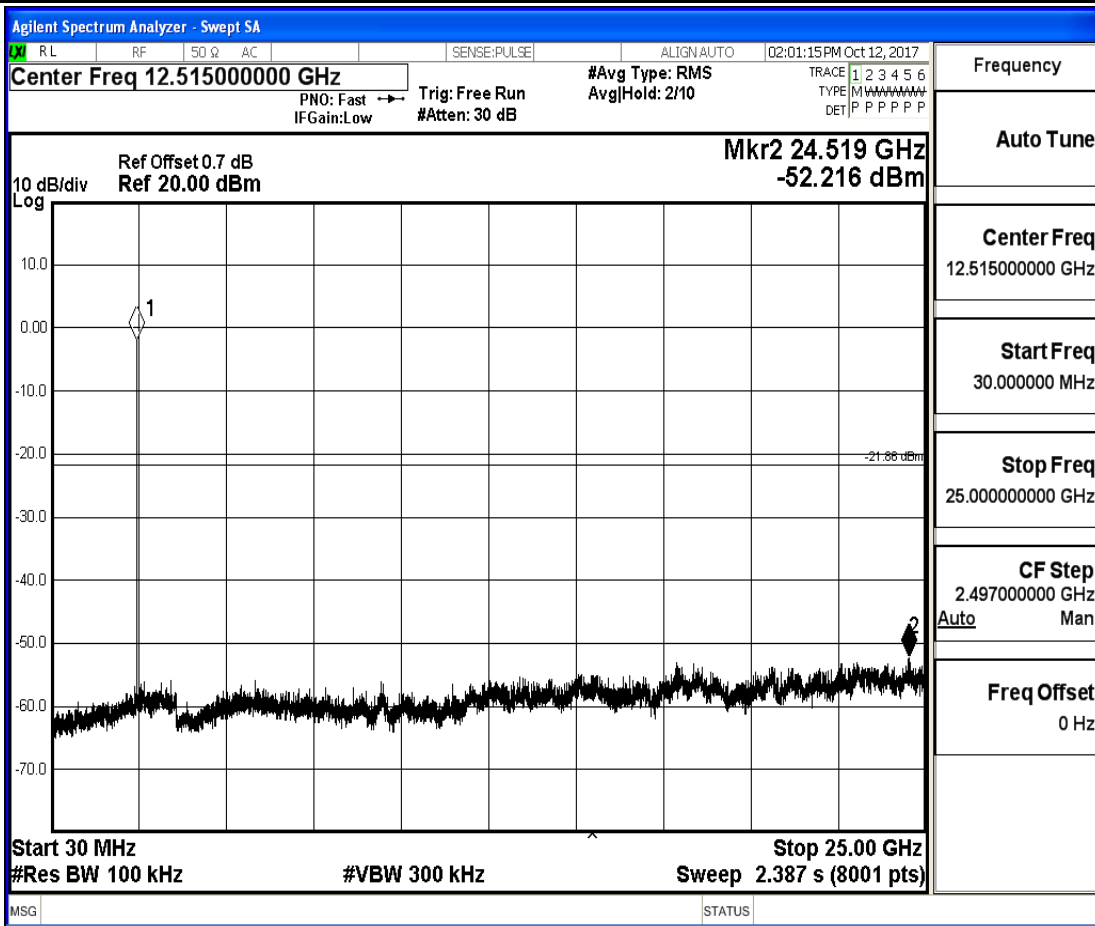
RF Conducted Spurious Emissions\_DH5\_2441



RF Conducted Spurious Emissions\_DH5\_2480

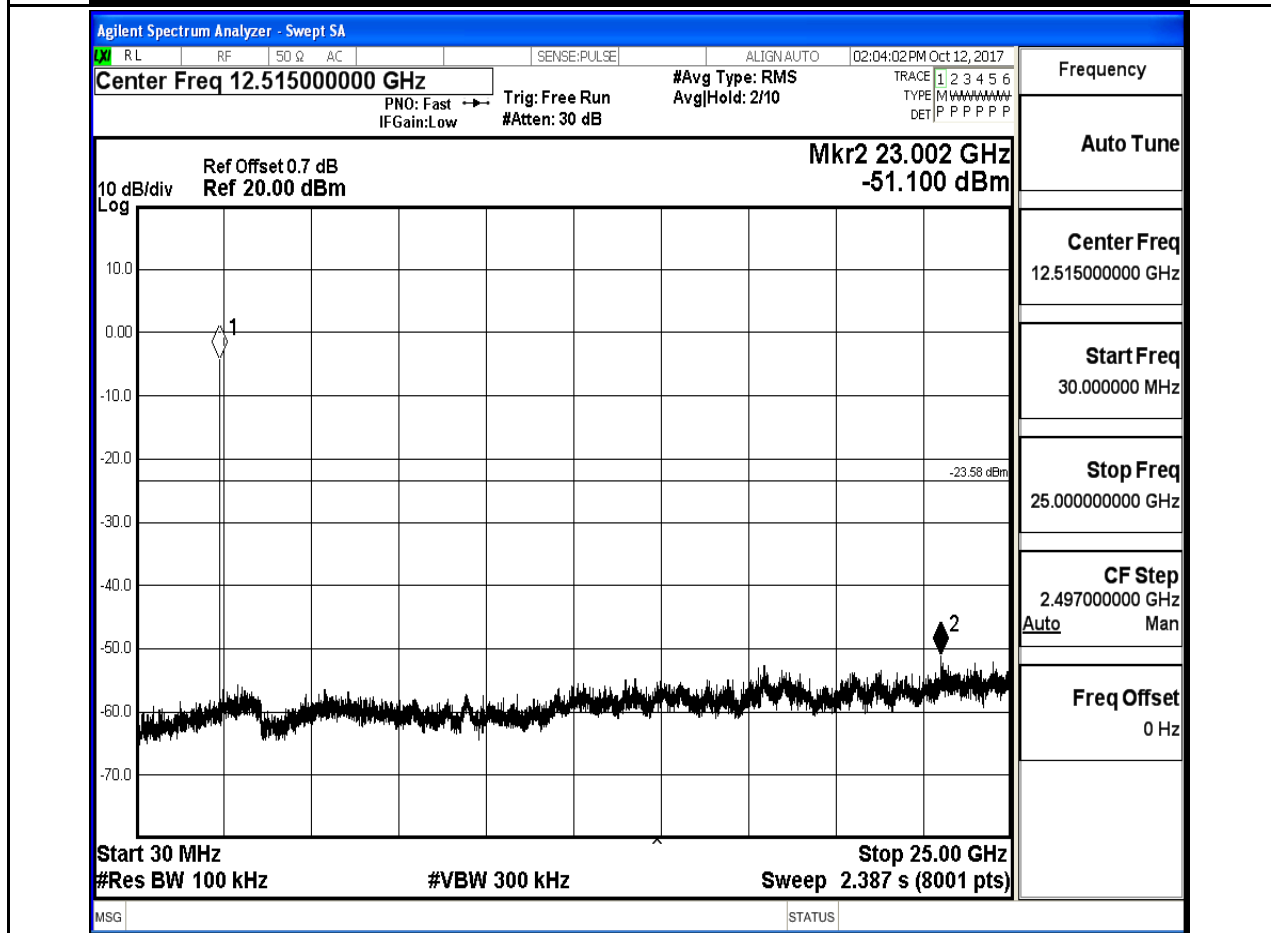


Frequency
Auto Tune
Center Freq 2.48000000 GHz
Start Freq 2.479000000 GHz
Stop Freq 2.481000000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

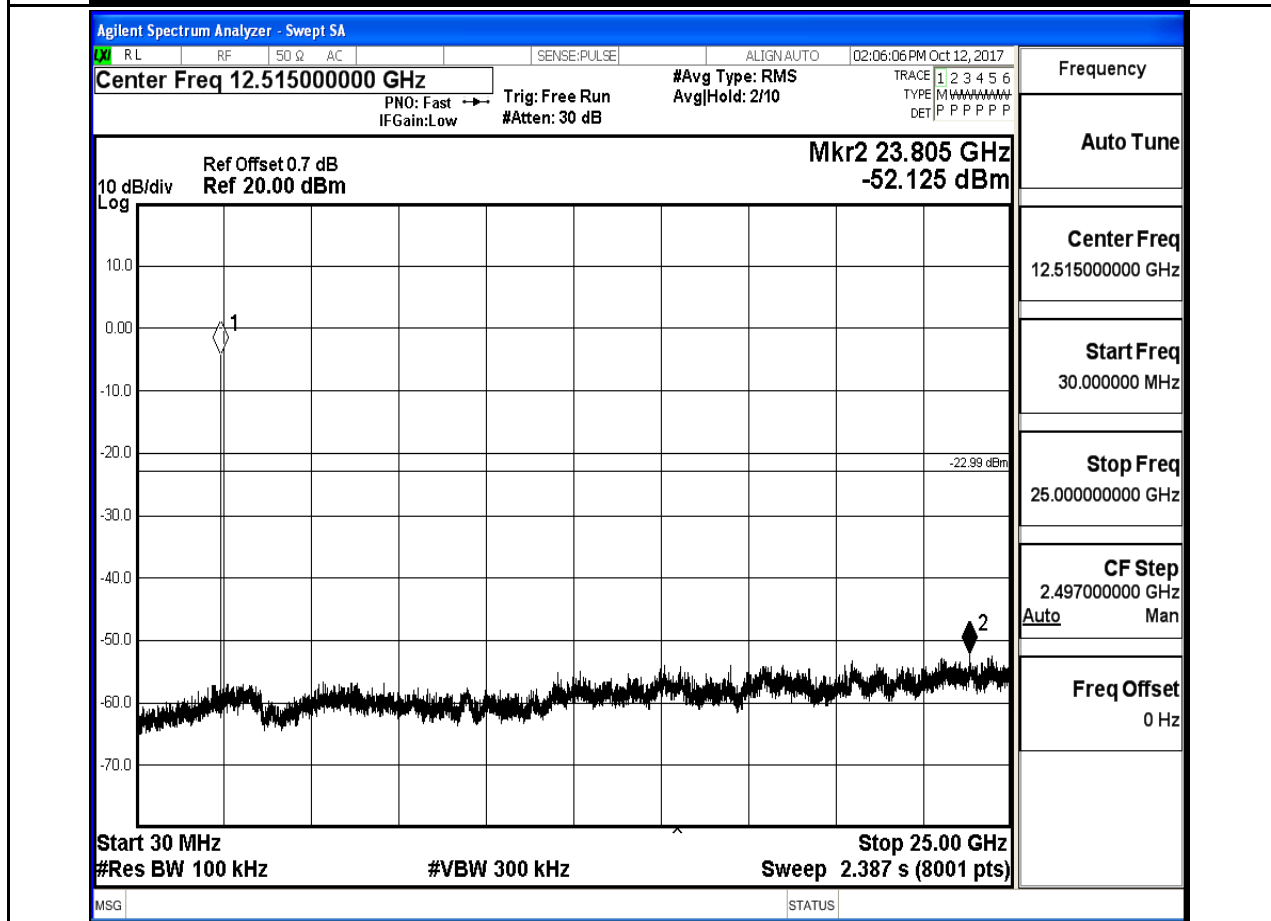


Frequency
Auto Tune
Center Freq 12.51500000 GHz
Start Freq 30.000000 MHz
Stop Freq 25.00000000 GHz
CF Step 2.497000000 GHz Auto Man
Freq Offset 0 Hz

RF Conducted Spurious Emissions\_2DH5\_2402

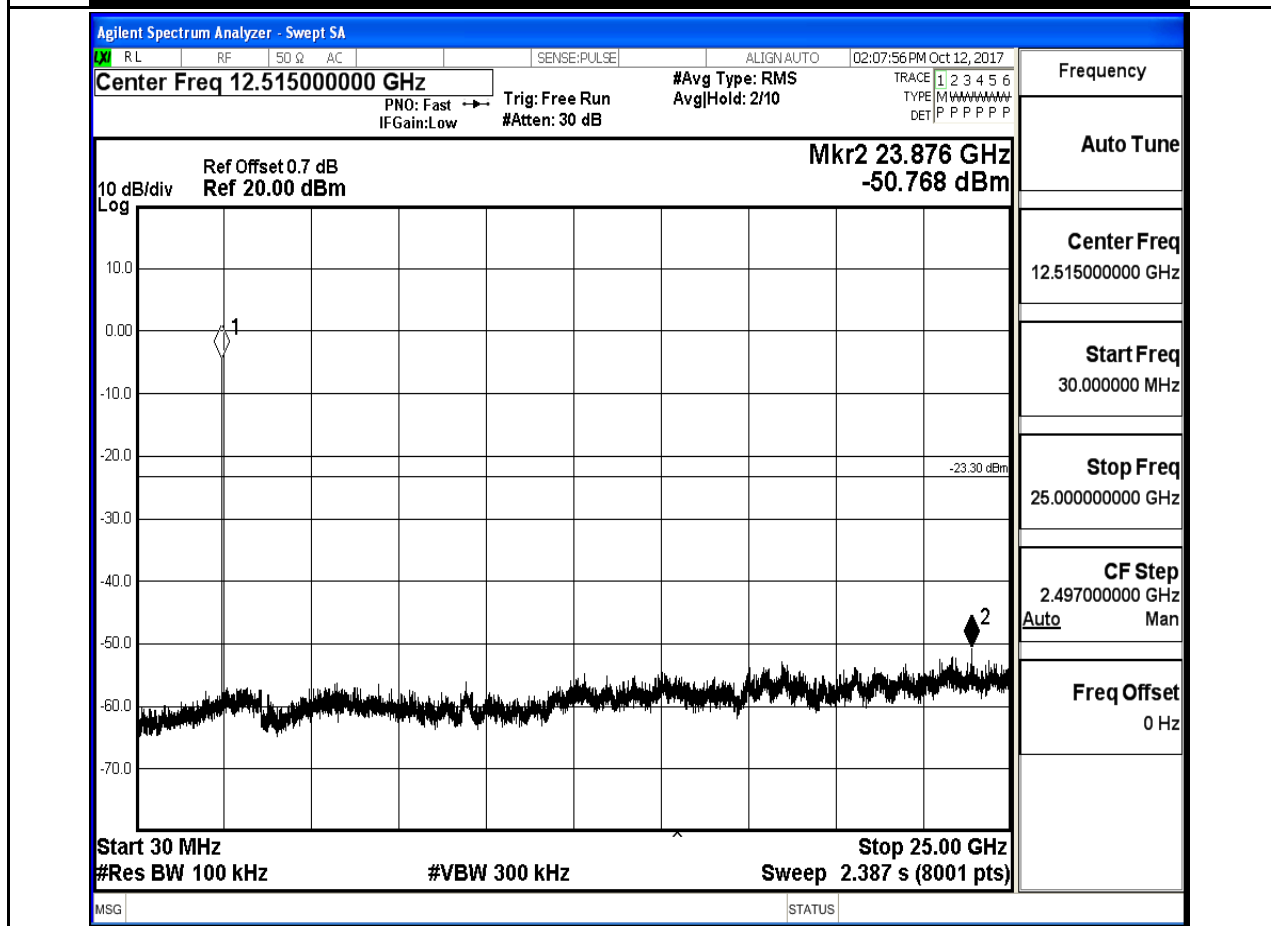
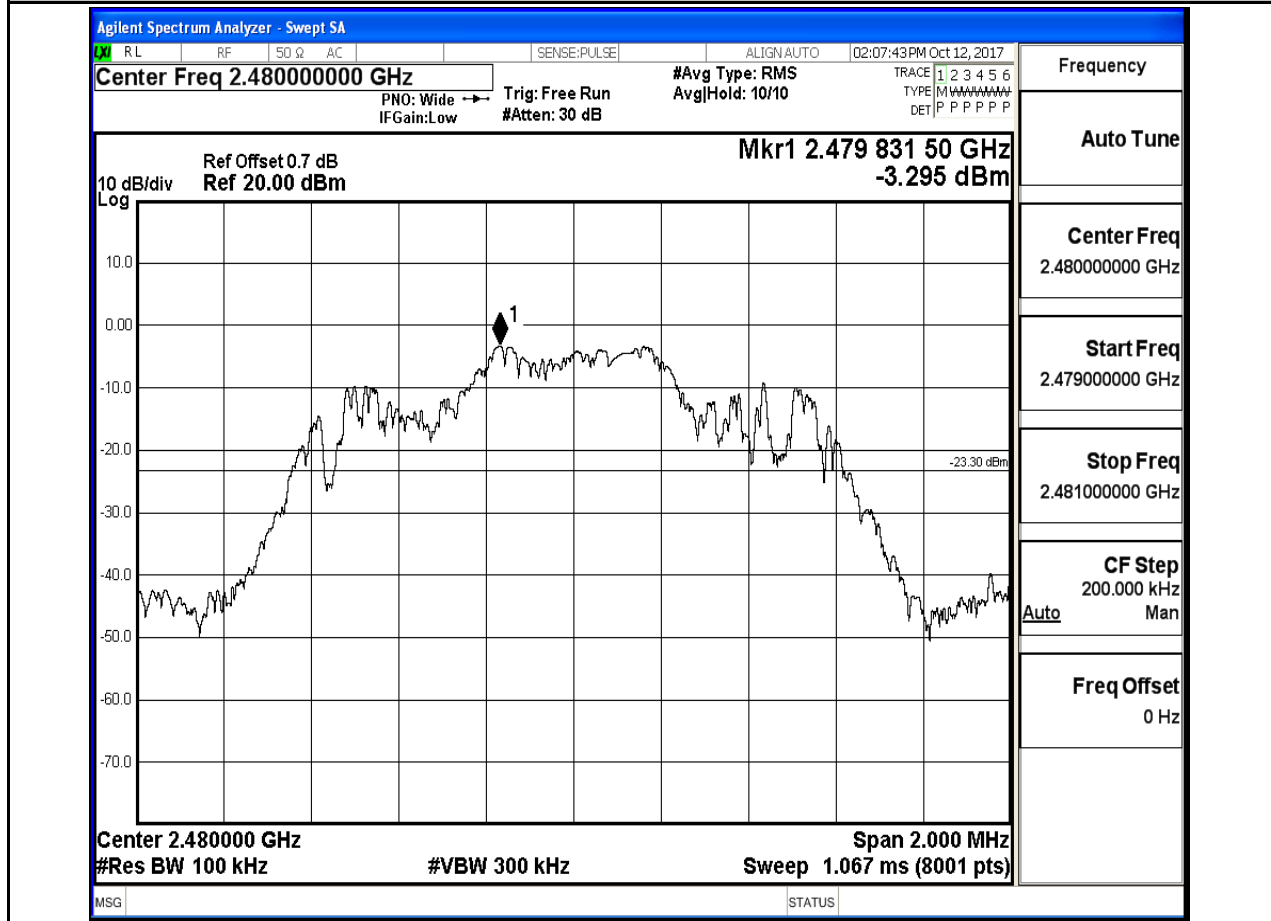


RF Conducted Spurious Emissions\_2DH5\_2441

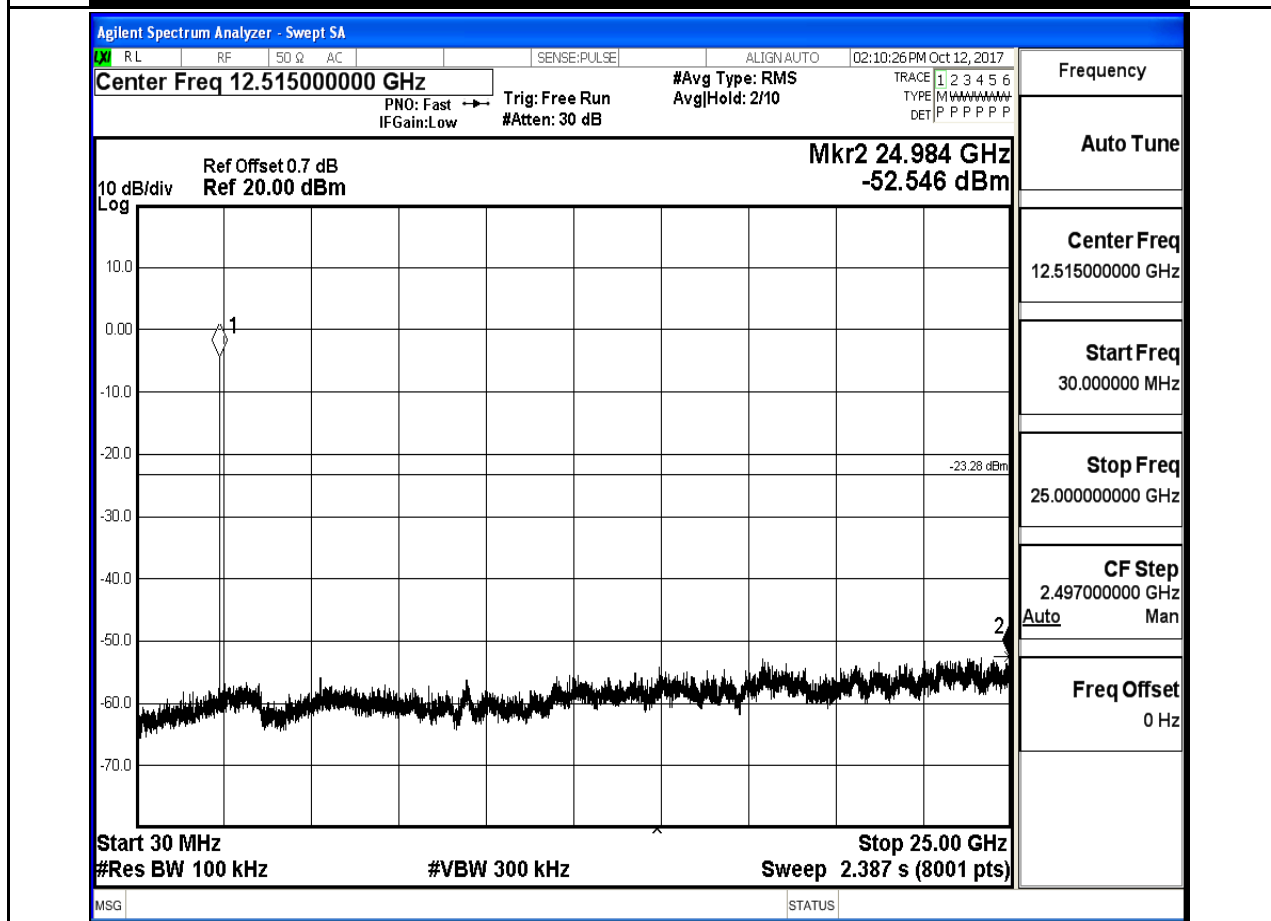
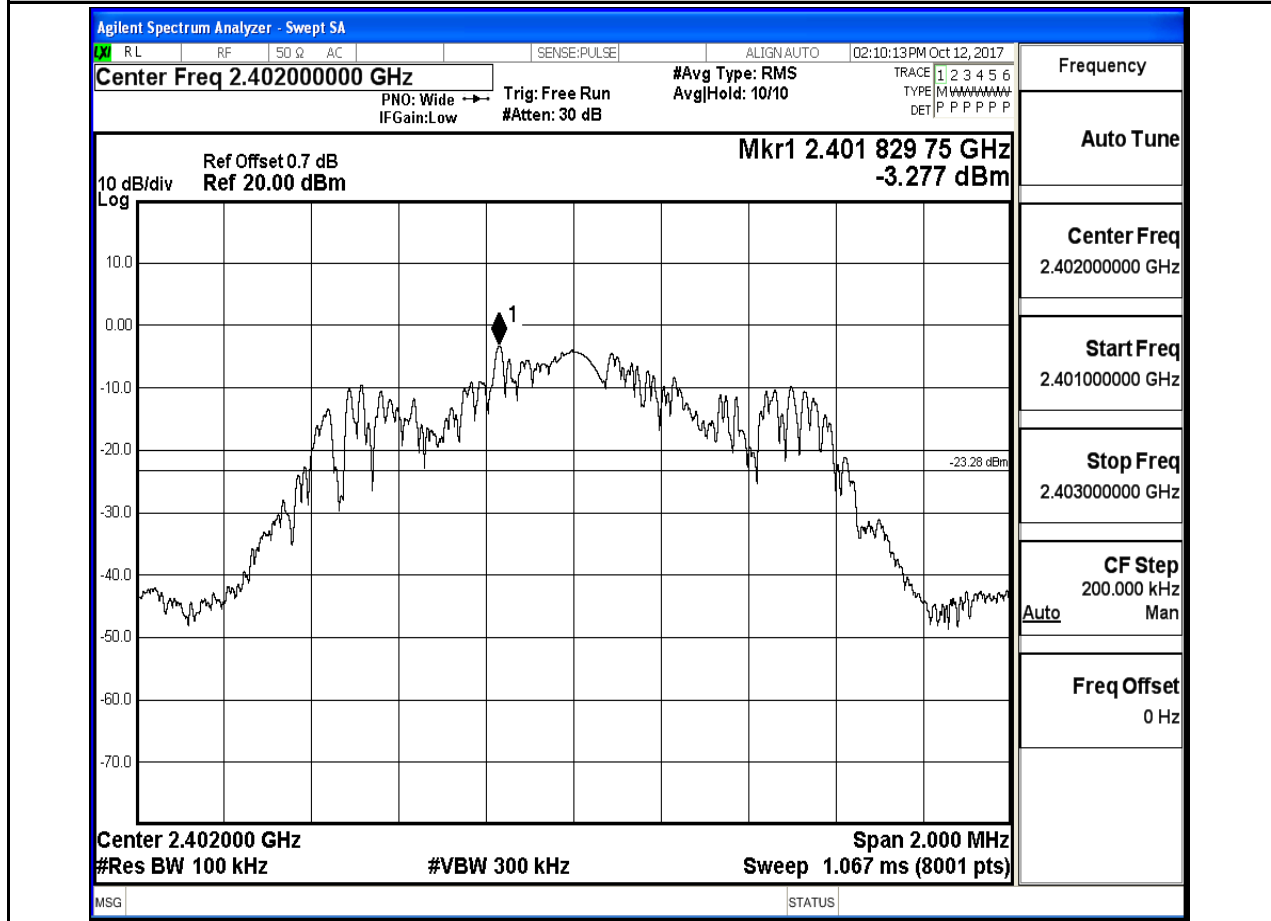




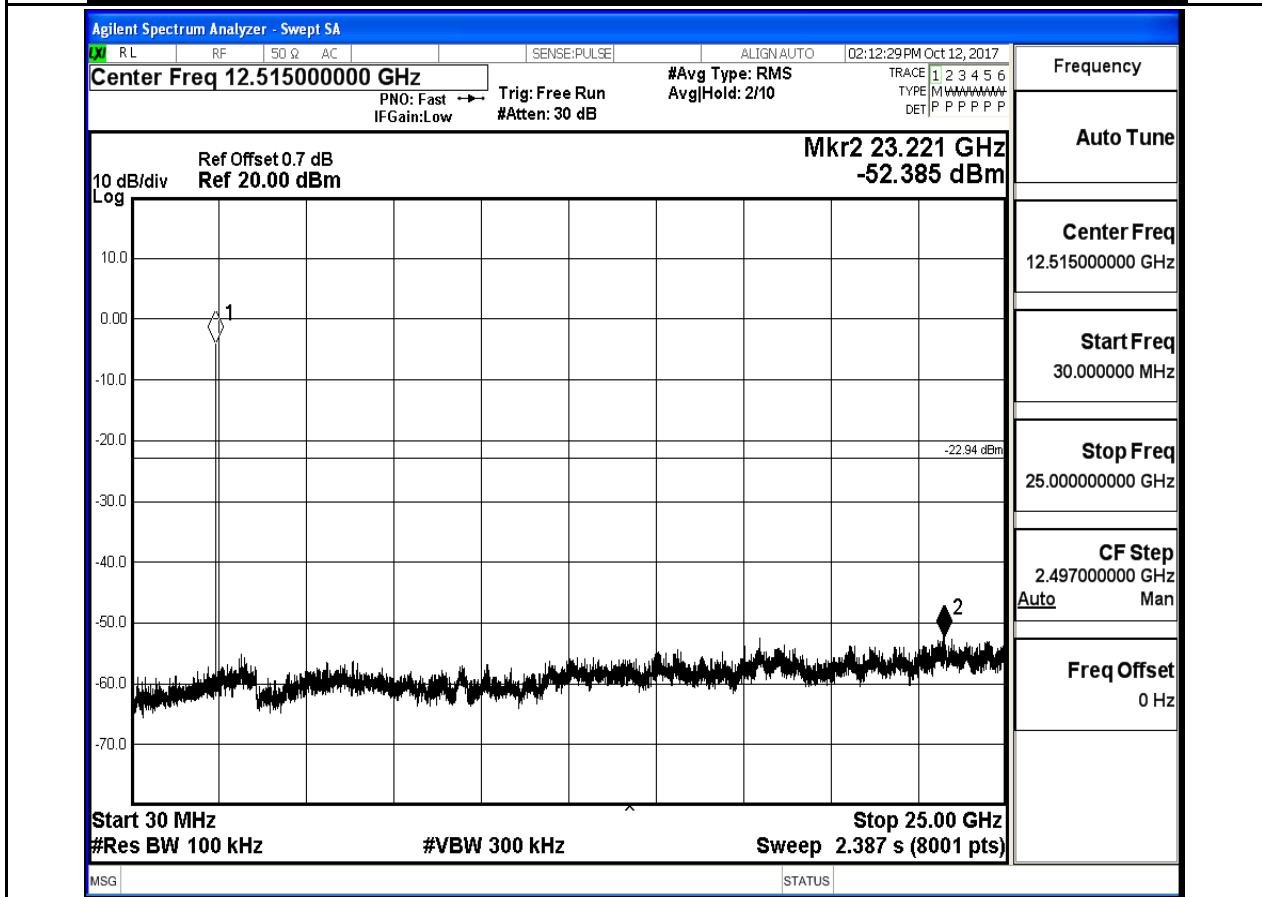
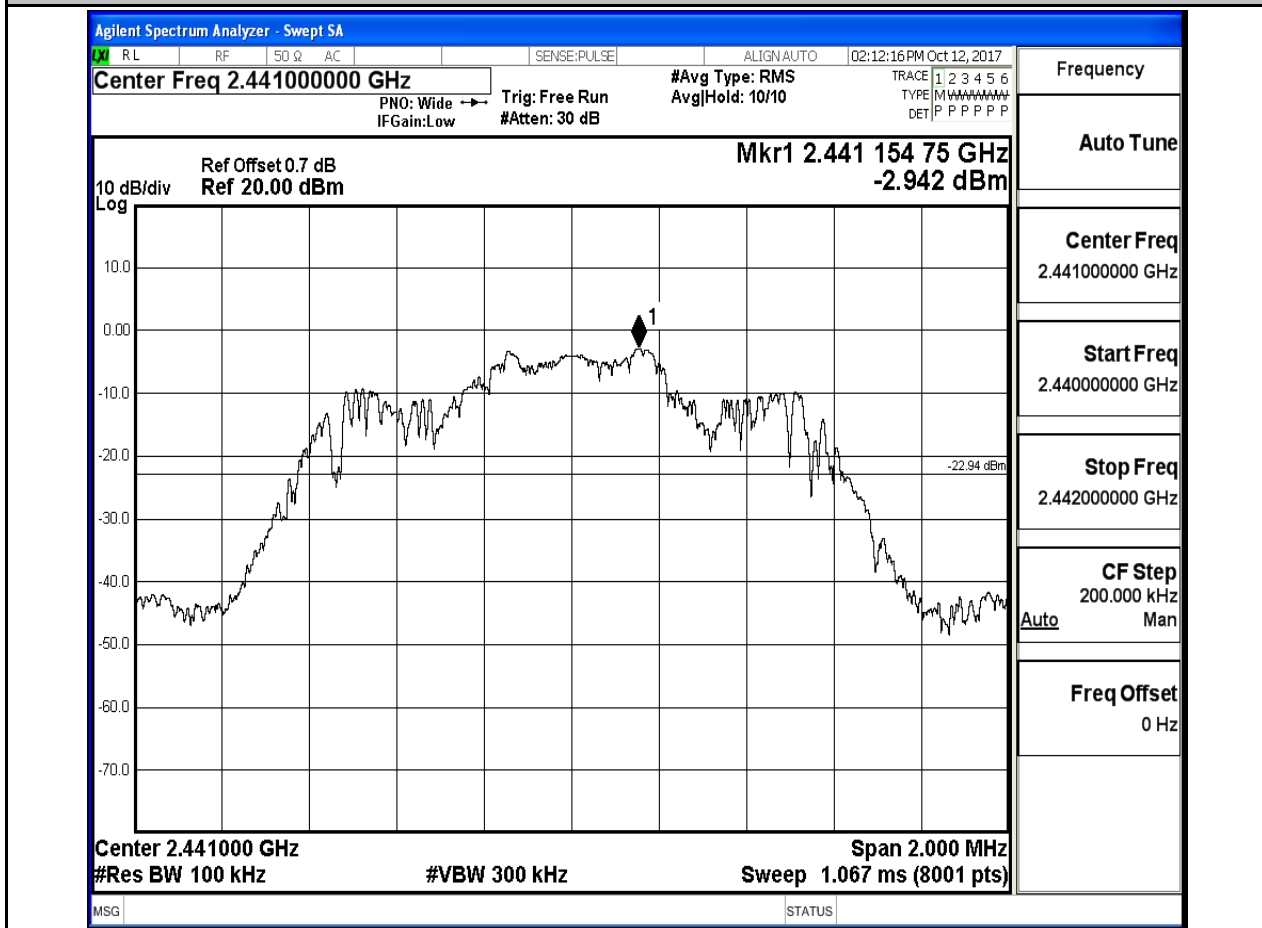
RF Conducted Spurious Emissions\_2DH5\_2480



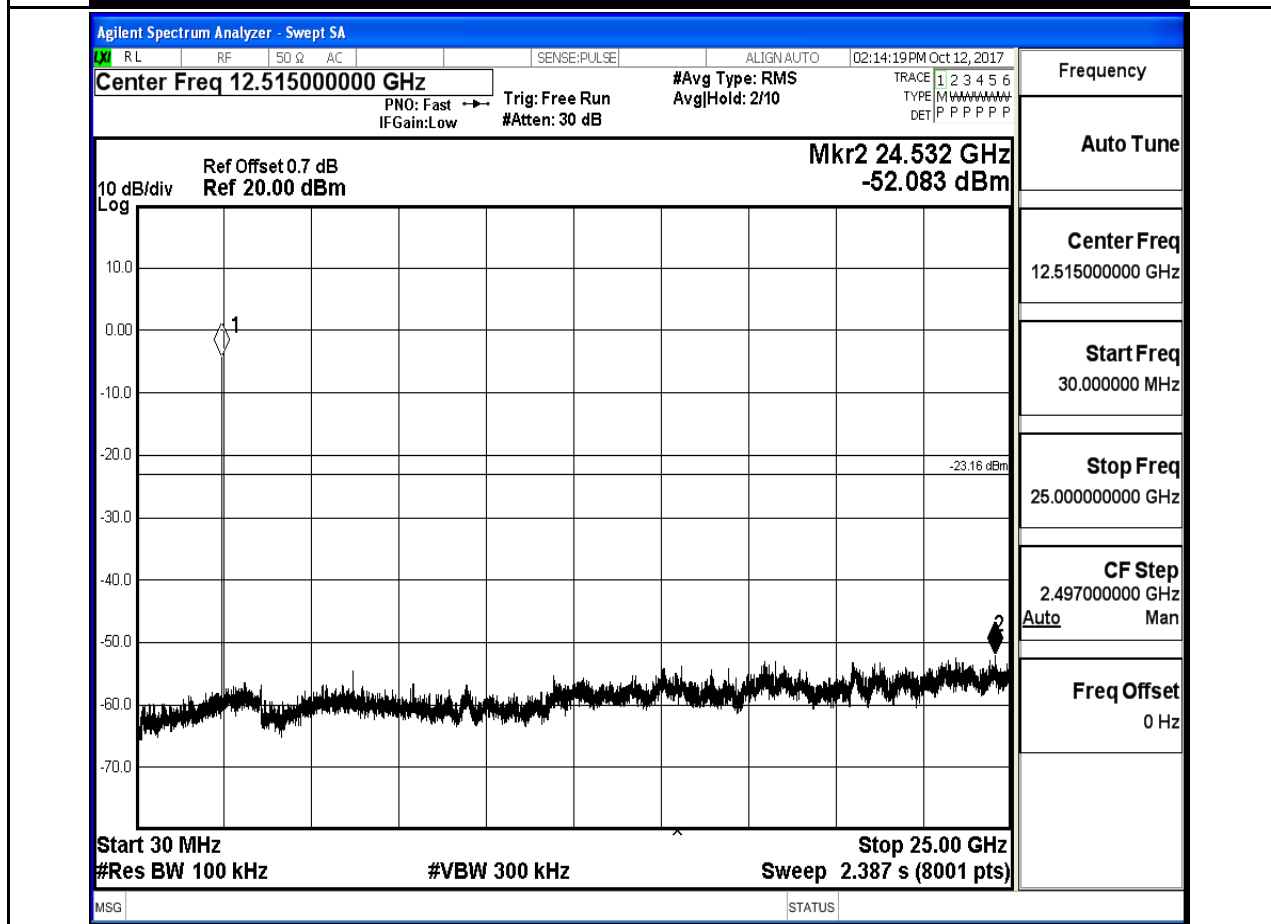
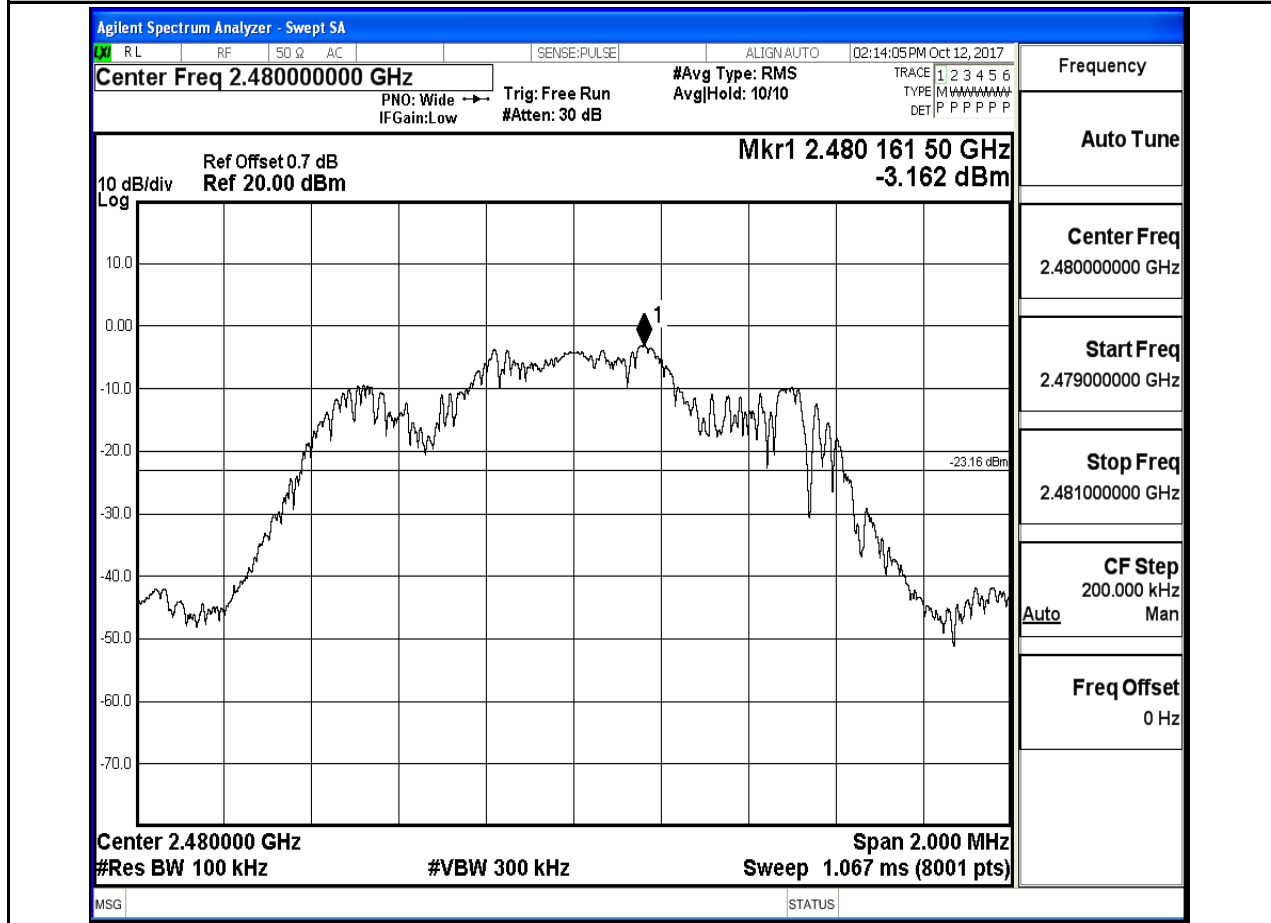
RF Conducted Spurious Emissions\_3DH5\_2402



RF Conducted Spurious Emissions\_3DH5\_2441



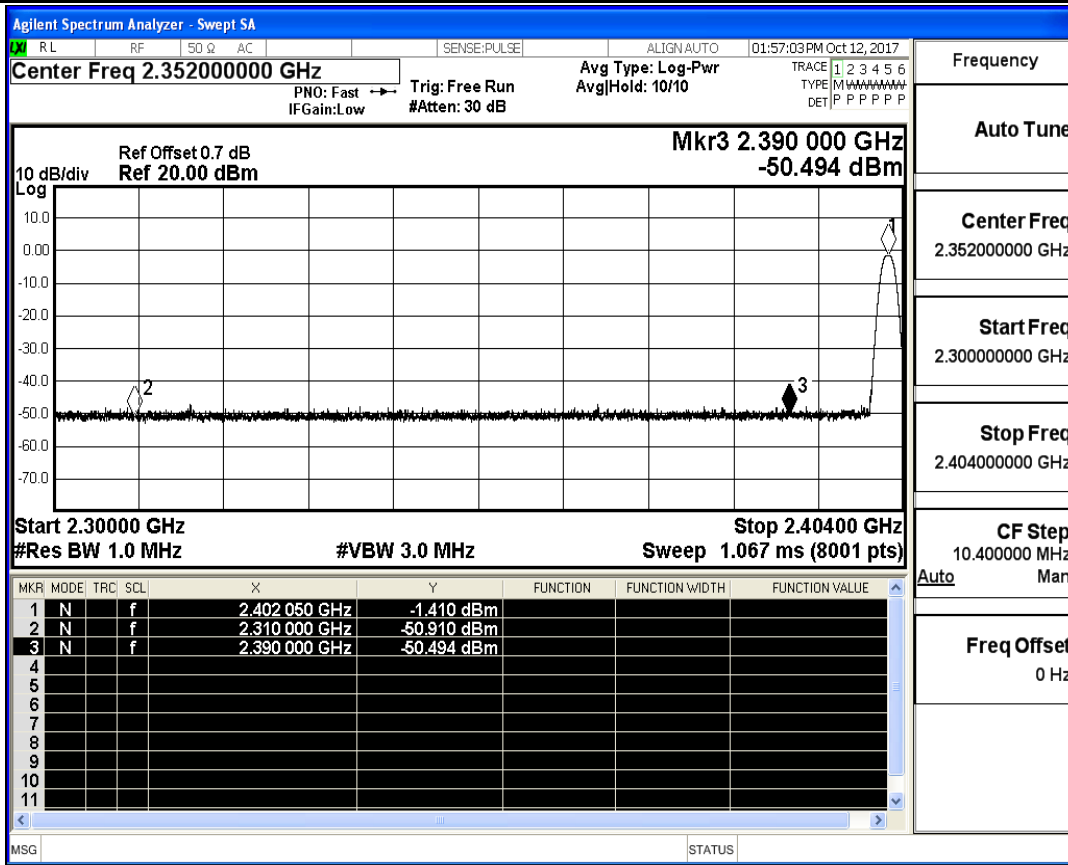
RF Conducted Spurious Emissions\_3DH5\_2480



**8.Restrict-band band-edge measurements**

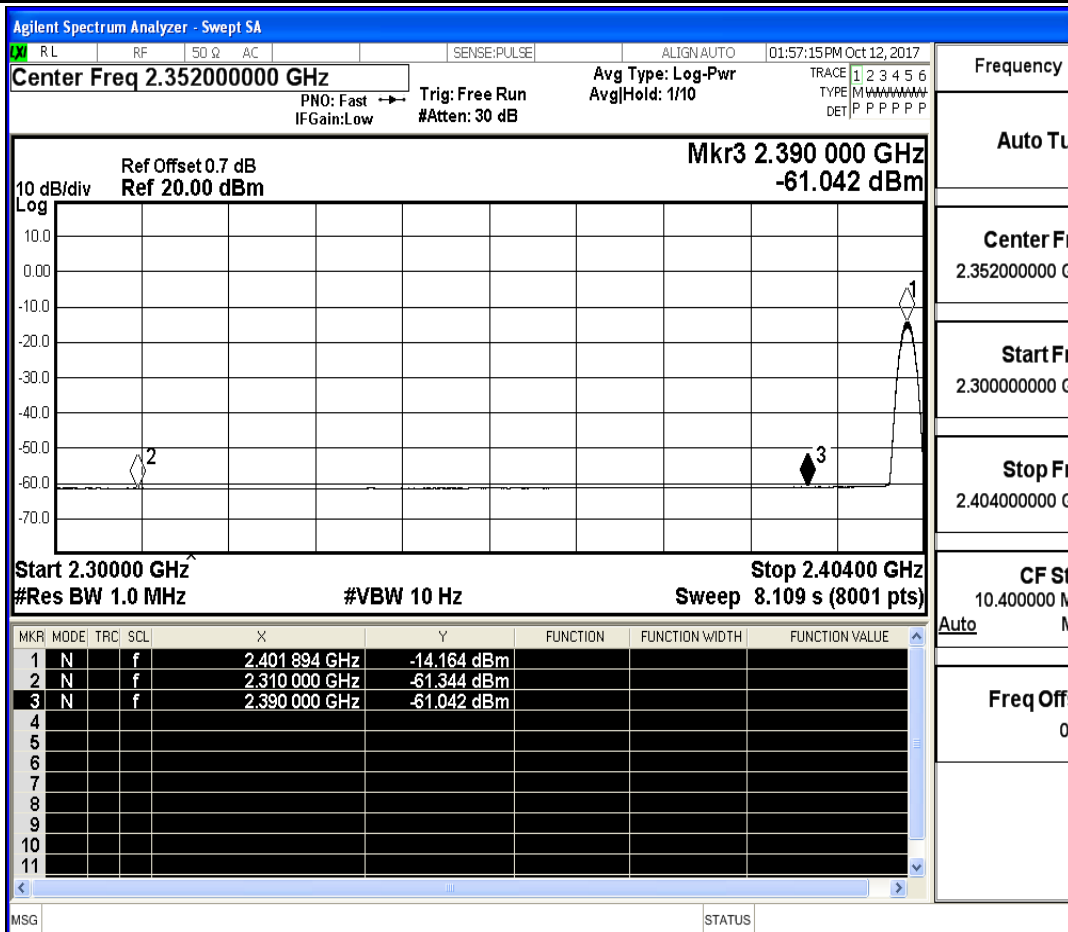
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	OFF	2310.0	-50.91	2.00	0	46.35	PEAK	74	PASS
DH5	OFF	2310.0	-61.34	2.00	0	35.91	AV	54	PASS
DH5	OFF	2390.0	-50.49	2.00	0	46.76	PEAK	74	PASS
DH5	OFF	2390.0	-61.04	2.00	0	36.22	AV	54	PASS
DH5	OFF	2483.5	-50.25	2.00	0	47.01	PEAK	74	PASS
DH5	OFF	2483.5	-60.62	2.00	0	36.64	AV	54	PASS
DH5	OFF	2500.0	-49.89	2.00	0	47.37	PEAK	74	PASS
DH5	OFF	2500.0	-60.74	2.00	0	36.52	AV	54	PASS
2DH5	OFF	2310.0	-50.40	2.00	0	46.86	PEAK	74	PASS
2DH5	OFF	2310.0	-61.33	2.00	0	35.92	AV	54	PASS
2DH5	OFF	2390.0	-50.57	2.00	0	46.69	PEAK	74	PASS
2DH5	OFF	2390.0	-61.05	2.00	0	36.21	AV	54	PASS
2DH5	OFF	2483.5	-49.97	2.00	0	47.29	PEAK	74	PASS
2DH5	OFF	2483.5	-60.60	2.00	0	36.66	AV	54	PASS
2DH5	OFF	2500.0	-49.43	2.00	0	47.83	PEAK	74	PASS
2DH5	OFF	2500.0	-60.76	2.00	0	36.50	AV	54	PASS
3DH5	OFF	2310.0	-48.82	2.00	0	48.43	PEAK	74	PASS
3DH5	OFF	2310.0	-61.32	2.00	0	35.93	AV	54	PASS
3DH5	OFF	2390.0	-48.39	2.00	0	48.87	PEAK	74	PASS
3DH5	OFF	2390.0	-61.09	2.00	0	36.17	AV	54	PASS
3DH5	OFF	2483.5	-49.86	2.00	0	47.40	PEAK	74	PASS
3DH5	OFF	2483.5	-60.79	2.00	0	36.47	AV	54	PASS
3DH5	OFF	2500.0	-49.30	2.00	0	47.96	PEAK	74	PASS
3DH5	OFF	2500.0	-60.75	2.00	0	36.51	AV	54	PASS

Restrict-band band-edge measurements\_2402\_PEAK



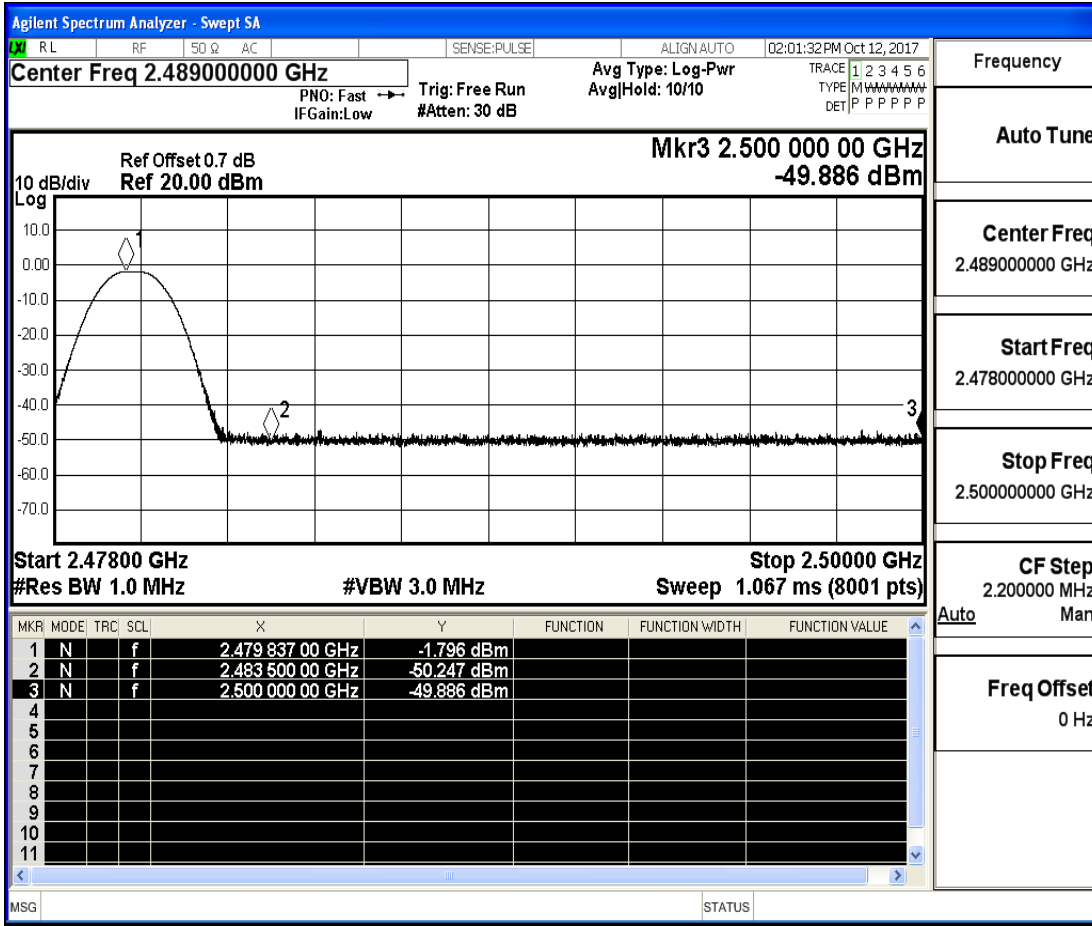
Frequency
Auto Tune
Center Freq 2.352000000 GHz
Start Freq 2.300000000 GHz
Stop Freq 2.404000000 GHz
CF Step 10.400000 MHz Auto Man
Freq Offset 0 Hz

Restrict-band band-edge measurements\_2402\_AV

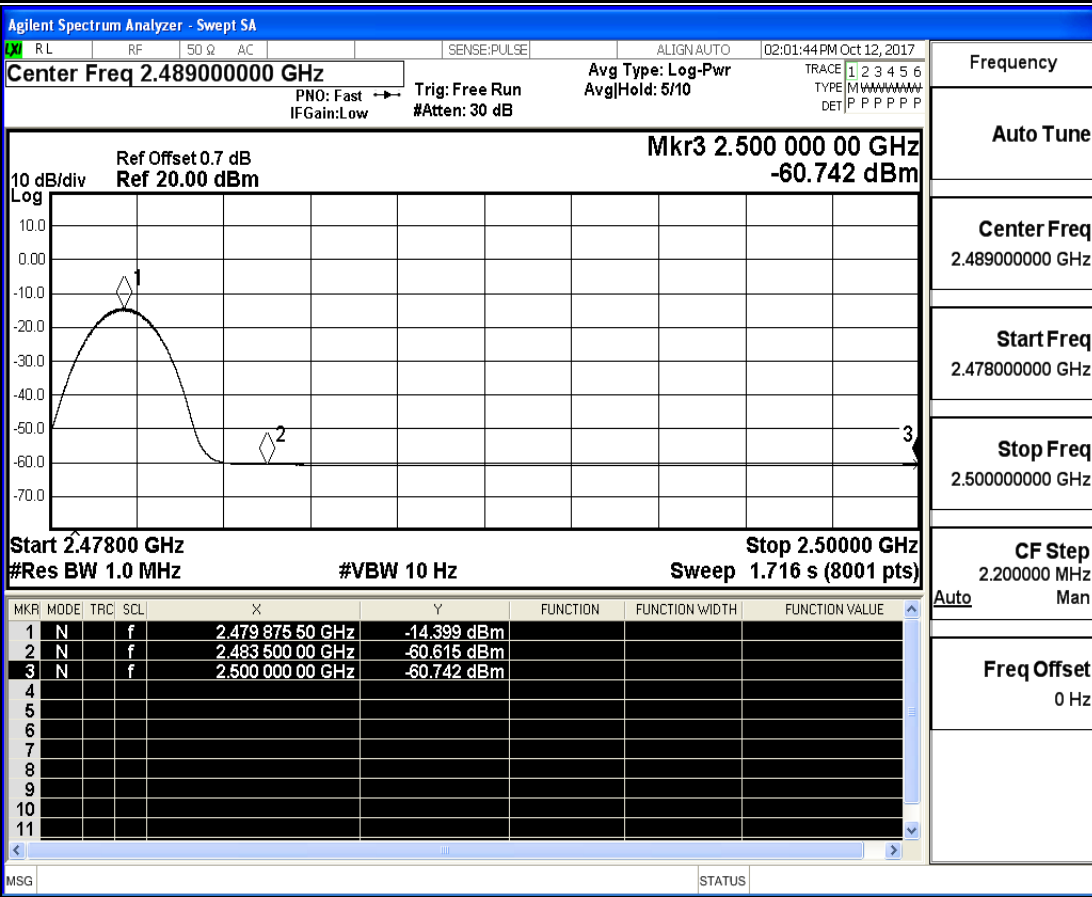


Frequency
Auto Tune
Center Freq 2.352000000 GHz
Start Freq 2.300000000 GHz
Stop Freq 2.404000000 GHz
CF Step 10.400000 MHz Auto Man
Freq Offset 0 Hz

Restrict-band band-edge measurements\_2480\_PEAK



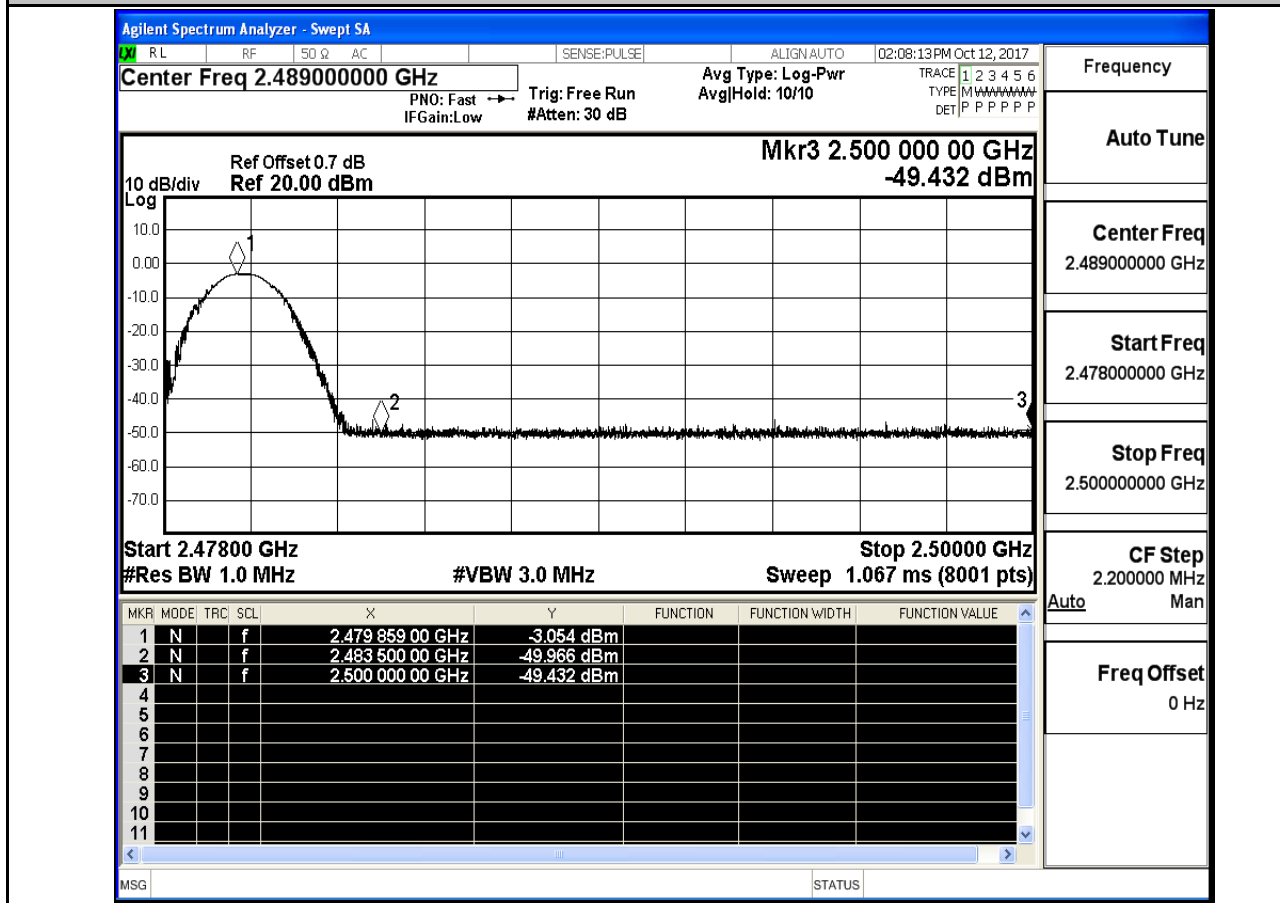
Restrict-band band-edge measurements\_2480\_AV



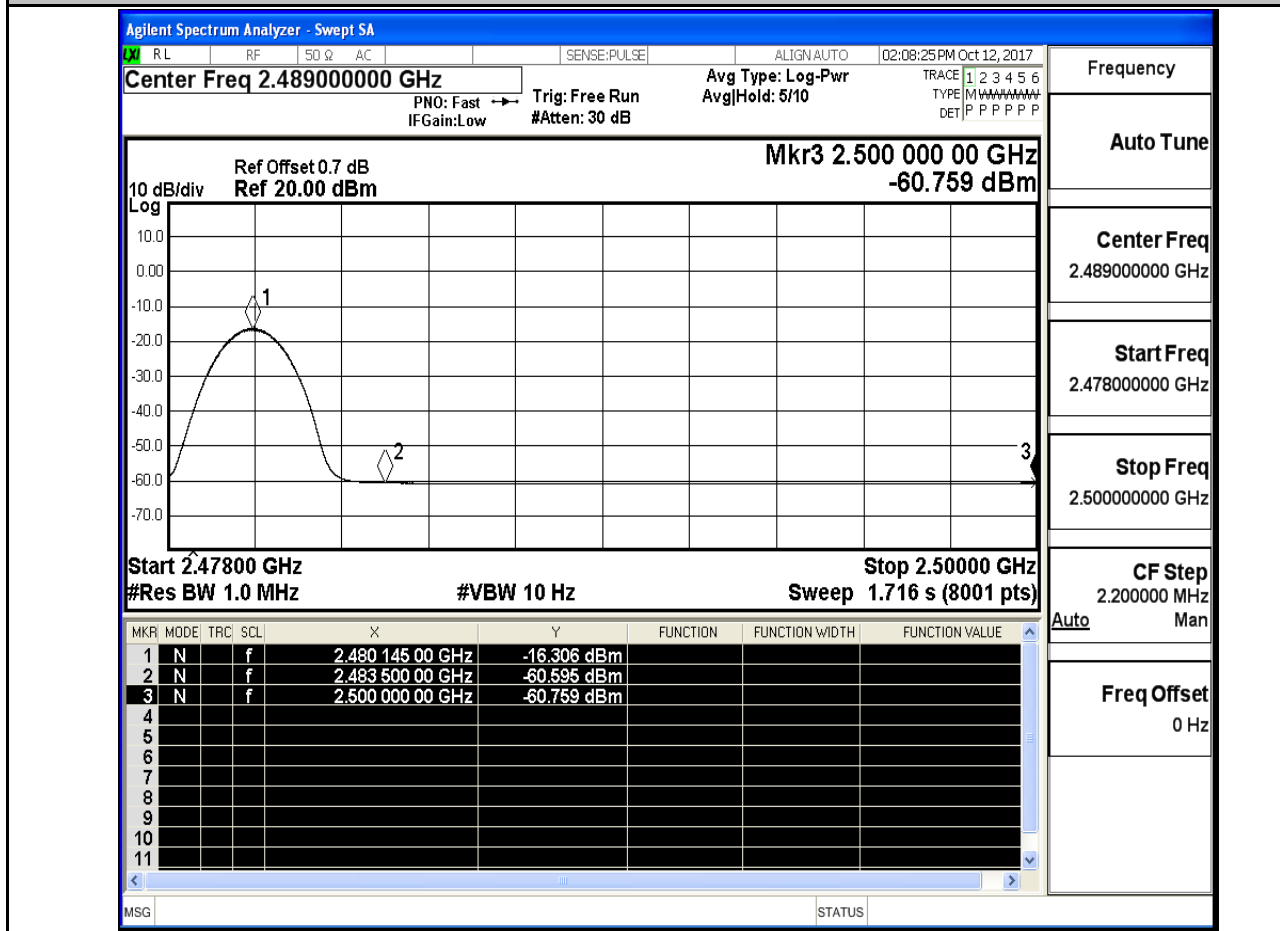




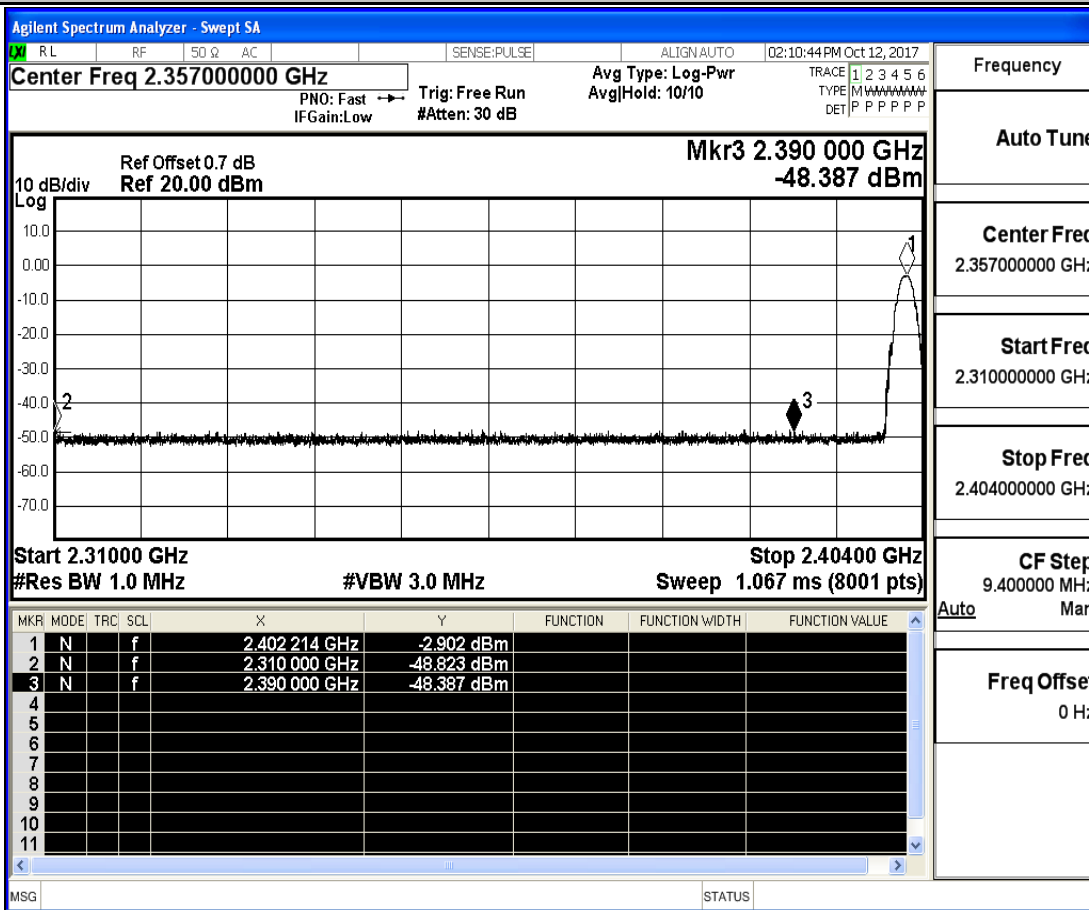
Restrict-band band-edge measurements\_2480\_PEAK



Restrict-band band-edge measurements\_2480\_AV

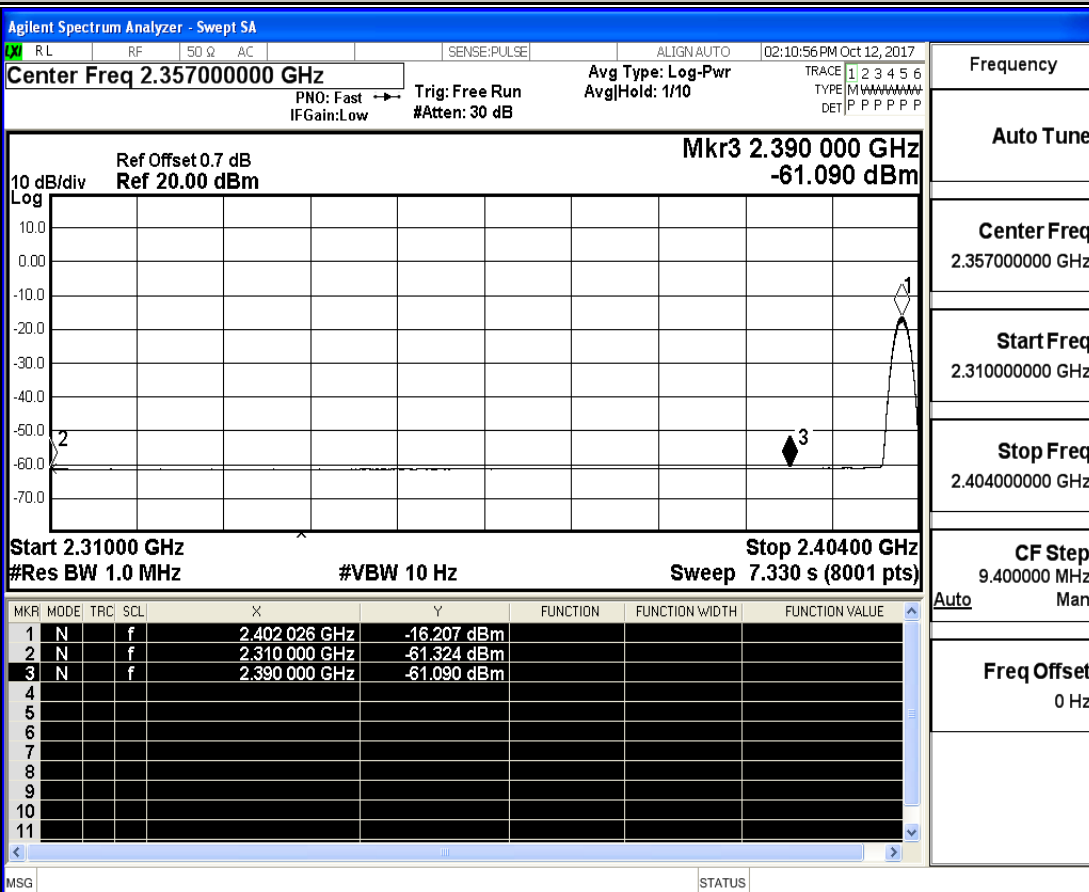


Restrict-band band-edge measurements\_2402\_PEAK



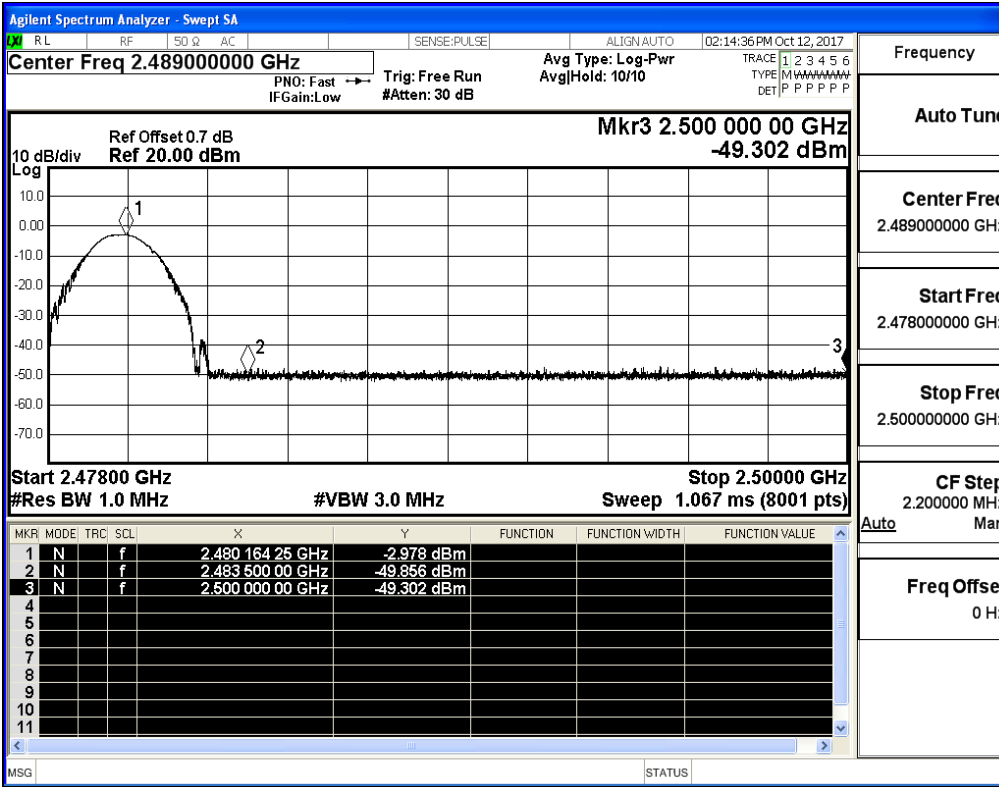
Frequency	
Auto Tune	
Center Freq	2.357000000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.404000000 GHz
CF Step	9.400000 MHz
Auto	Man
Freq Offset	0 Hz

Restrict-band band-edge measurements\_2402\_AV



Frequency	
Auto Tune	
Center Freq	2.357000000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.404000000 GHz
CF Step	9.400000 MHz
Auto	Man
Freq Offset	0 Hz

Restrict-band band-edge measurements\_2480\_PEAK



Restrict-band band-edge measurements\_2480\_AV

