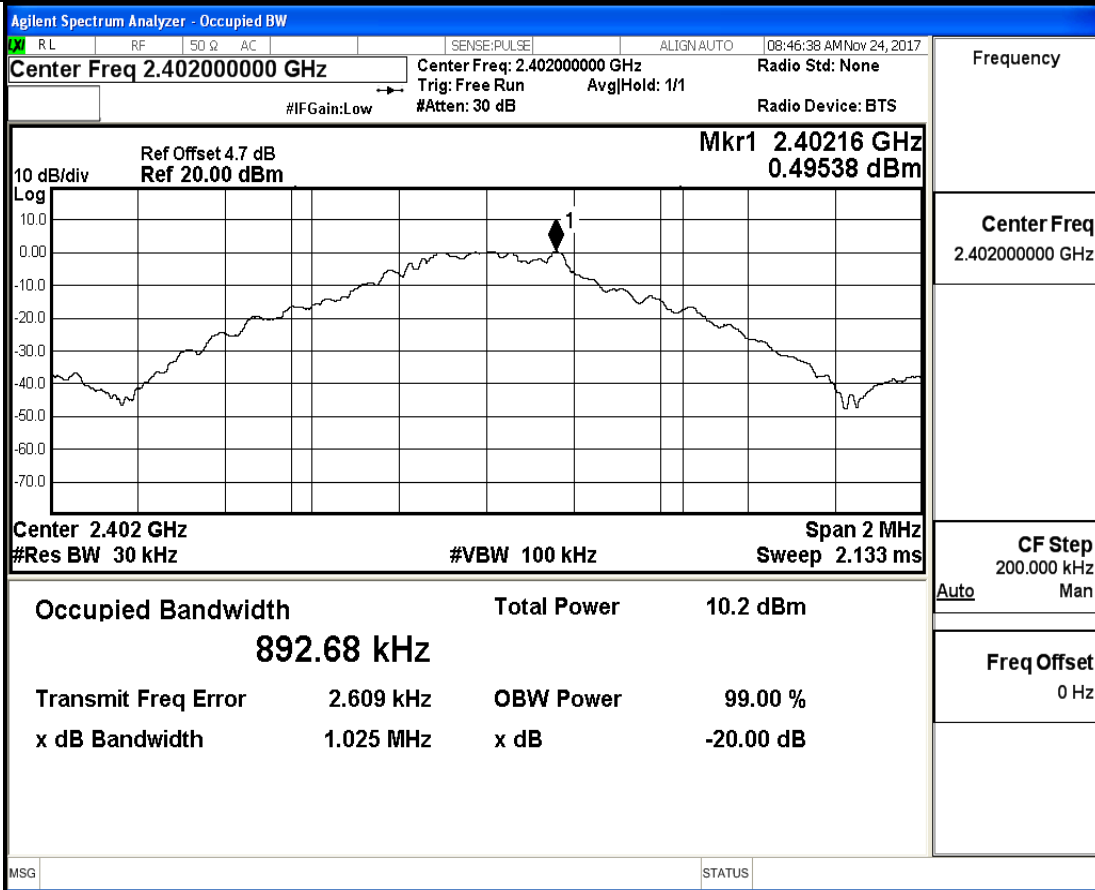


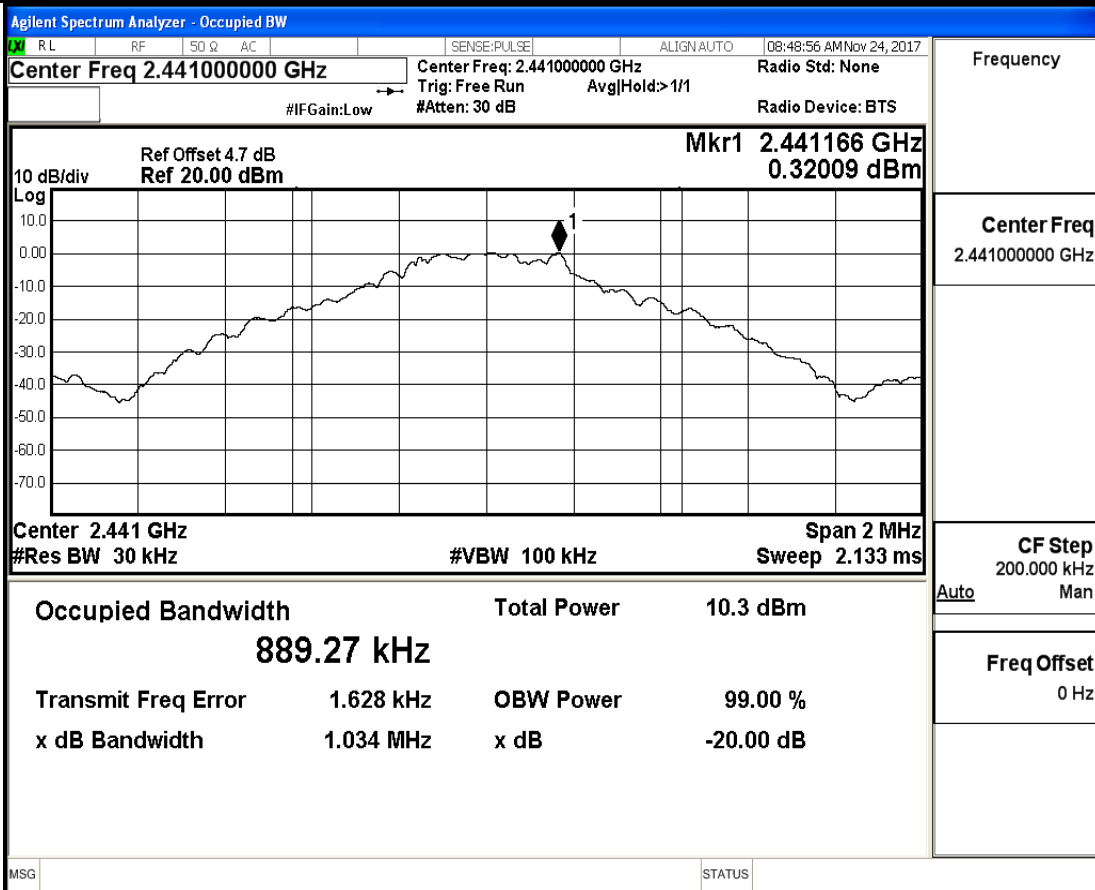
1.20 dB Bandwidth and 99% Bandwidth

Test Mode	Test Channel	20db[MHz]	99%[MHz]	Limit[MHz]	Verdict
DH5	2402	1.025	0.89268	---	PASS
DH5	2441	1.034	0.88927	---	PASS
DH5	2480	0.9736	0.89042	---	PASS
2DH5	2402	1.292	1.1741	---	PASS
2DH5	2441	1.292	1.1731	---	PASS
2DH5	2480	1.291	1.1738	---	PASS
3DH5	2402	1.295	1.1800	---	PASS
3DH5	2441	1.298	1.1841	---	PASS
3DH5	2480	1.298	1.1846	---	PASS

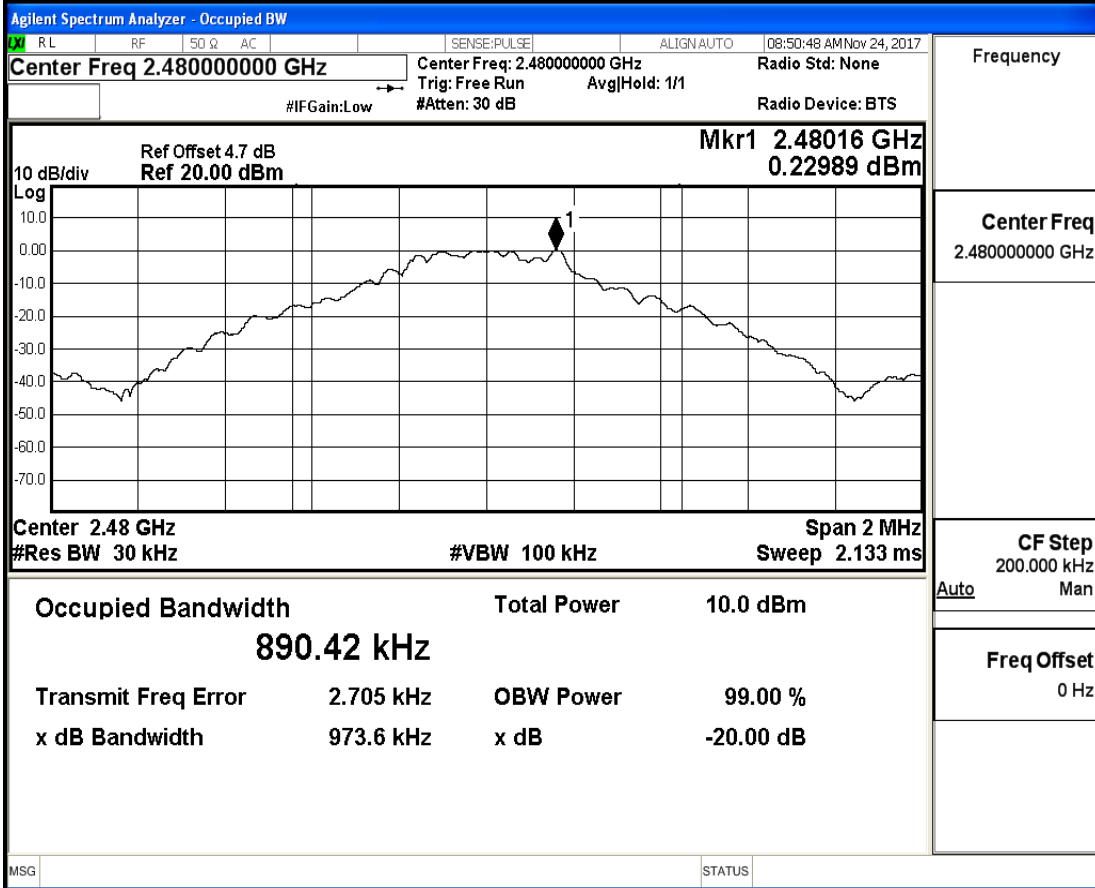
20 dB Bandwidth_DH5_2402



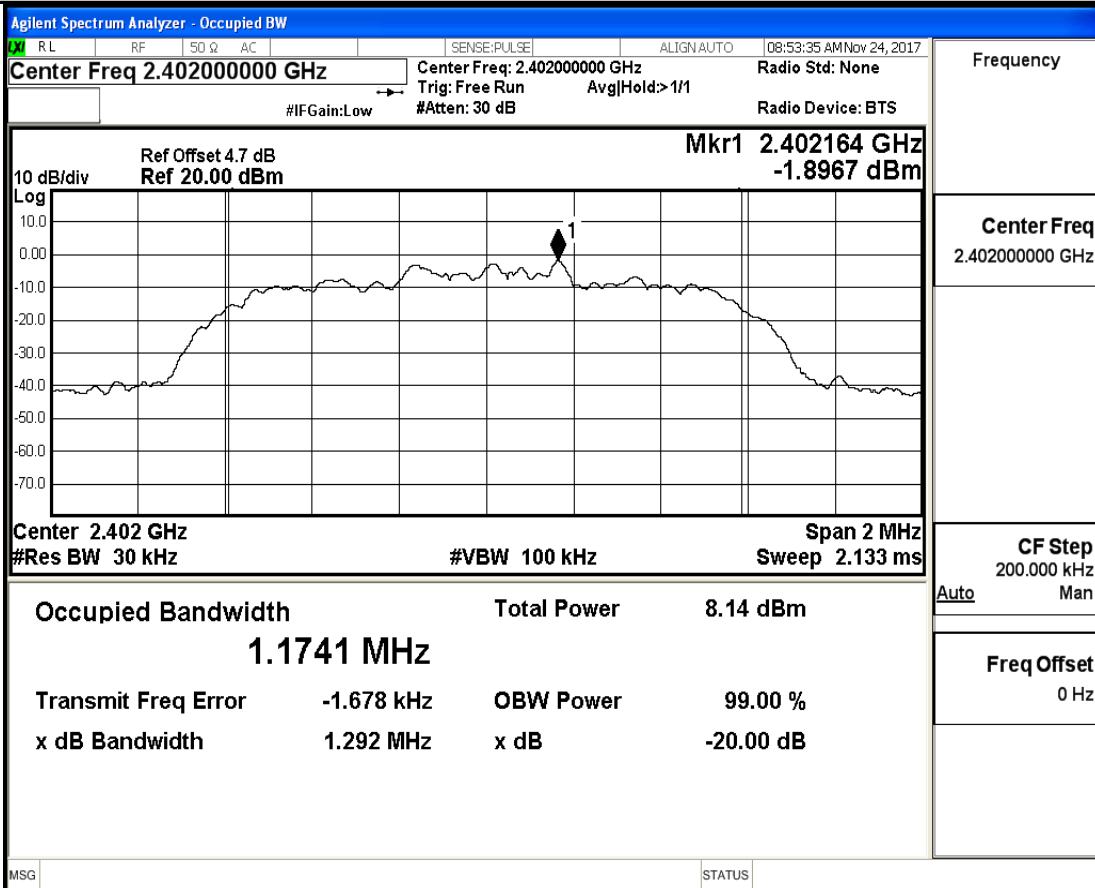
20 dB Bandwidth_DH5_2441



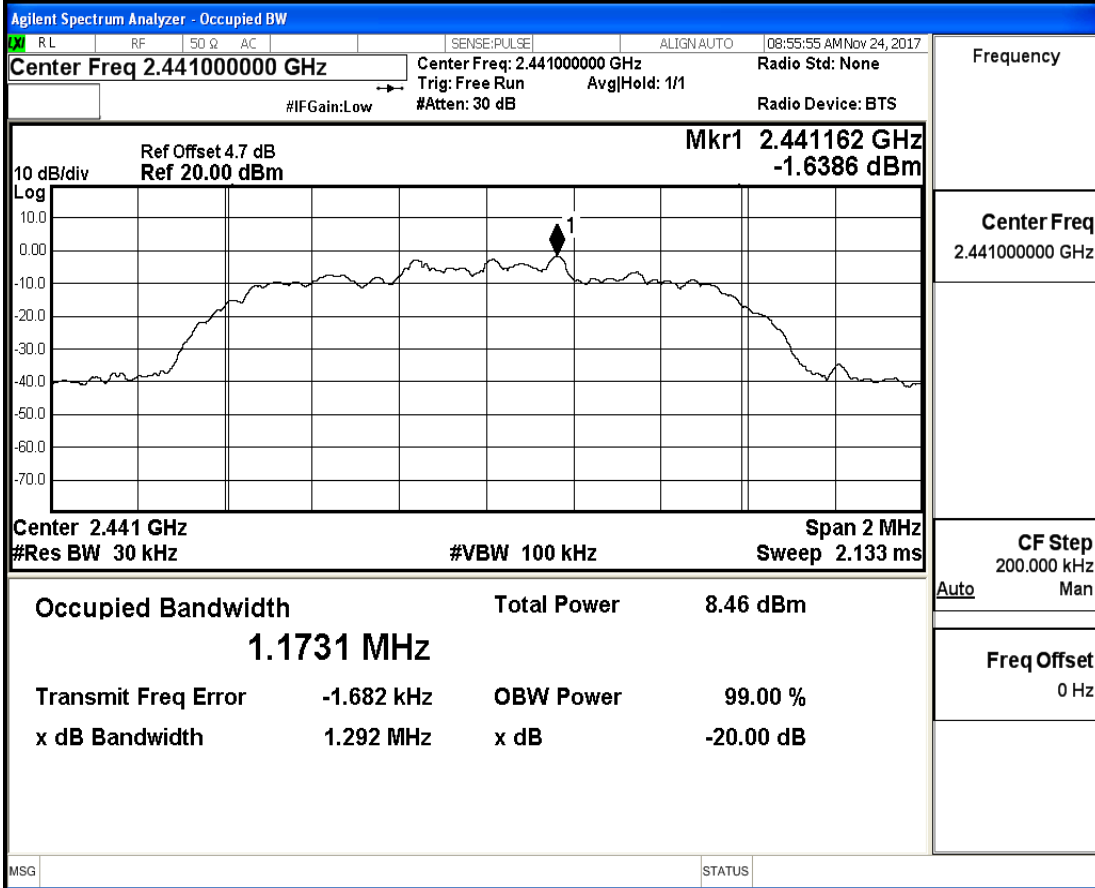
20 dB Bandwidth_DH5_2480



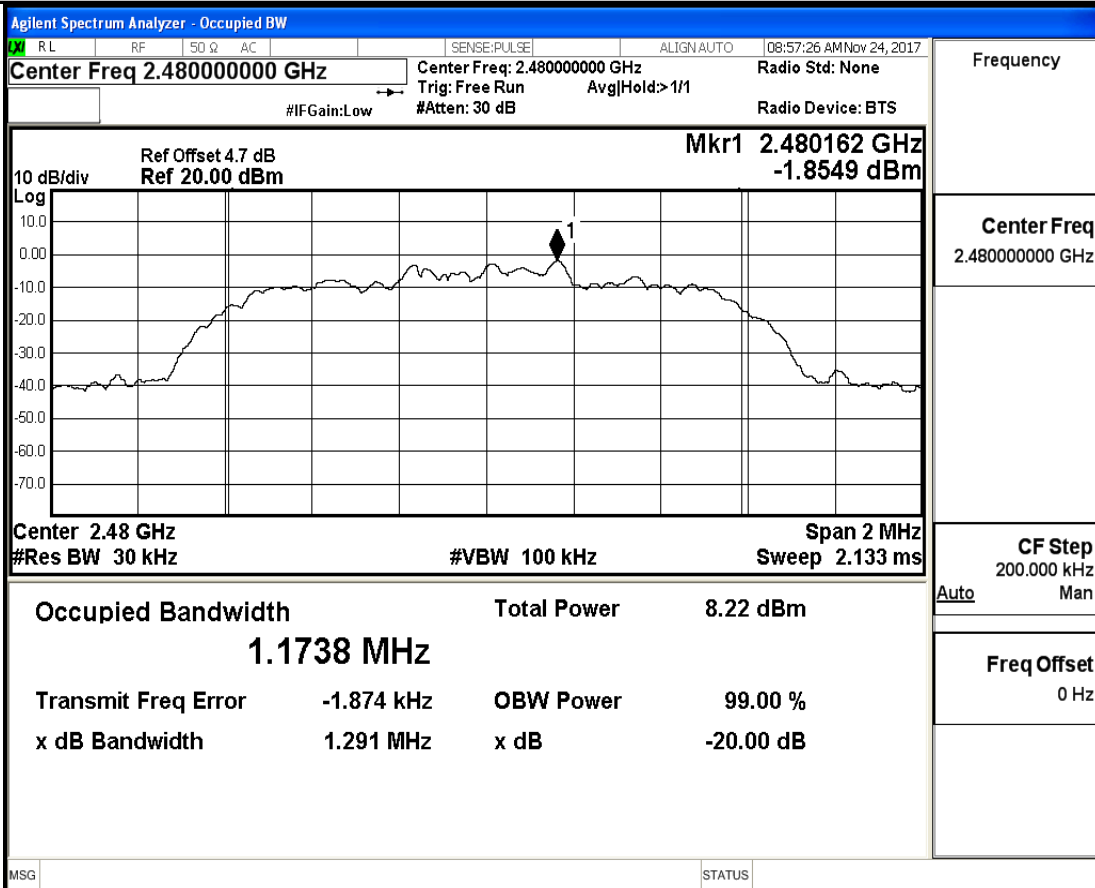
20 dB Bandwidth_2DH5_2402



20 dB Bandwidth_2DH5_2441



20 dB Bandwidth_2DH5_2480



20 dB Bandwidth_3DH5_2402

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.40200000 GHz Center Freq: 2.40200000 GHz Radio Std: None

#IFGain:Low Trig: Free Run Avg|Hold: 1/1 Radio Device: BTS

Ref Offset 4.7 dB Mkr1 2.402162 GHz -1.0755 dBm

Ref 20.00 dBm

Center 2.402 GHz Span 2 MHz

#Res BW 30 kHz #VBW 100 kHz Sweep 2.133 ms

Occupied Bandwidth	Total Power	8.20 dBm
1.1800 MHz		
Transmit Freq Error	OBW Power	99.00 %
2.315 kHz		
x dB Bandwidth	x dB	-20.00 dB
1.295 MHz		

Frequency: 2.40200000 GHz

CF Step: 200.000 kHz

Freq Offset: 0 Hz

20 dB Bandwidth_3DH5_2441

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.44100000 GHz Center Freq: 2.44100000 GHz Radio Std: None

#IFGain:Low Trig: Free Run Avg|Hold: 1/1 Radio Device: BTS

Ref Offset 4.7 dB Mkr1 2.441162 GHz -0.88082 dBm

Ref 20.00 dBm

Center 2.441 GHz Span 2 MHz

#Res BW 30 kHz #VBW 100 kHz Sweep 2.133 ms

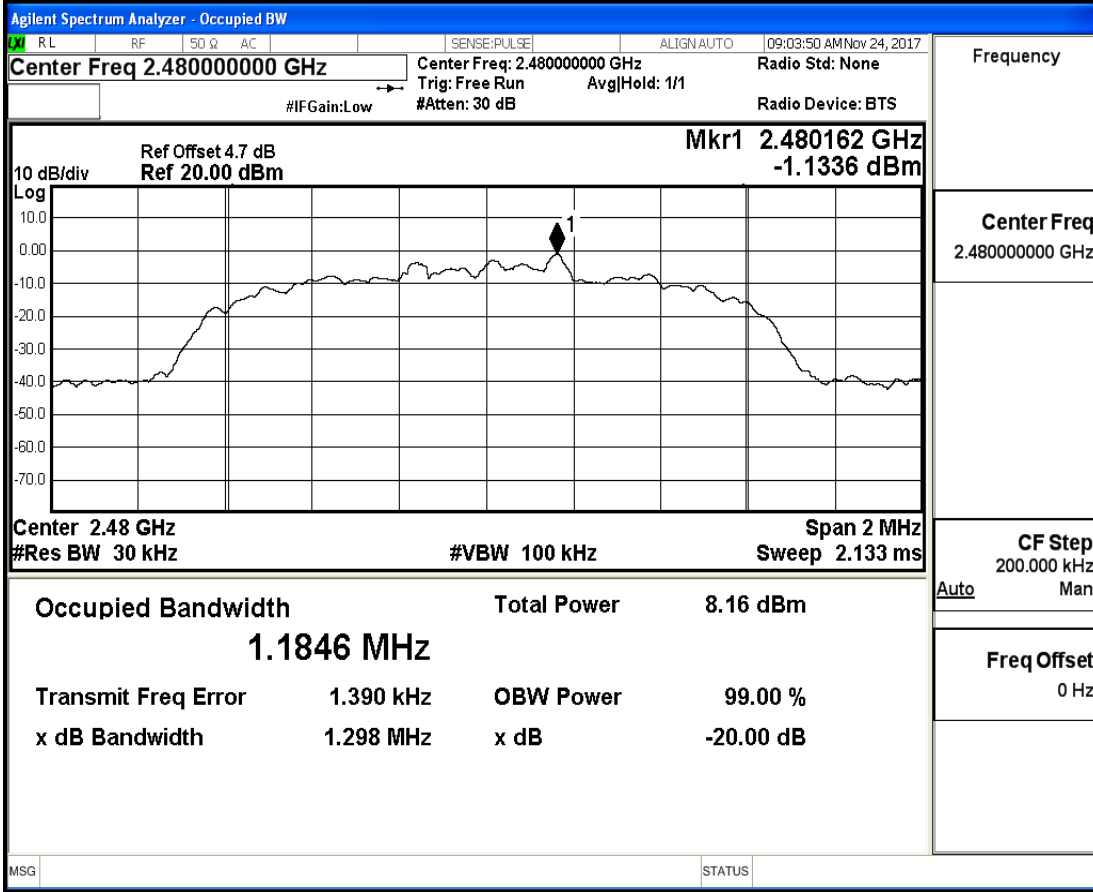
Occupied Bandwidth	Total Power	8.39 dBm
1.1841 MHz		
Transmit Freq Error	OBW Power	99.00 %
1.349 kHz		
x dB Bandwidth	x dB	-20.00 dB
1.298 MHz		

Frequency: 2.44100000 GHz

CF Step: 200.000 kHz

Freq Offset: 0 Hz

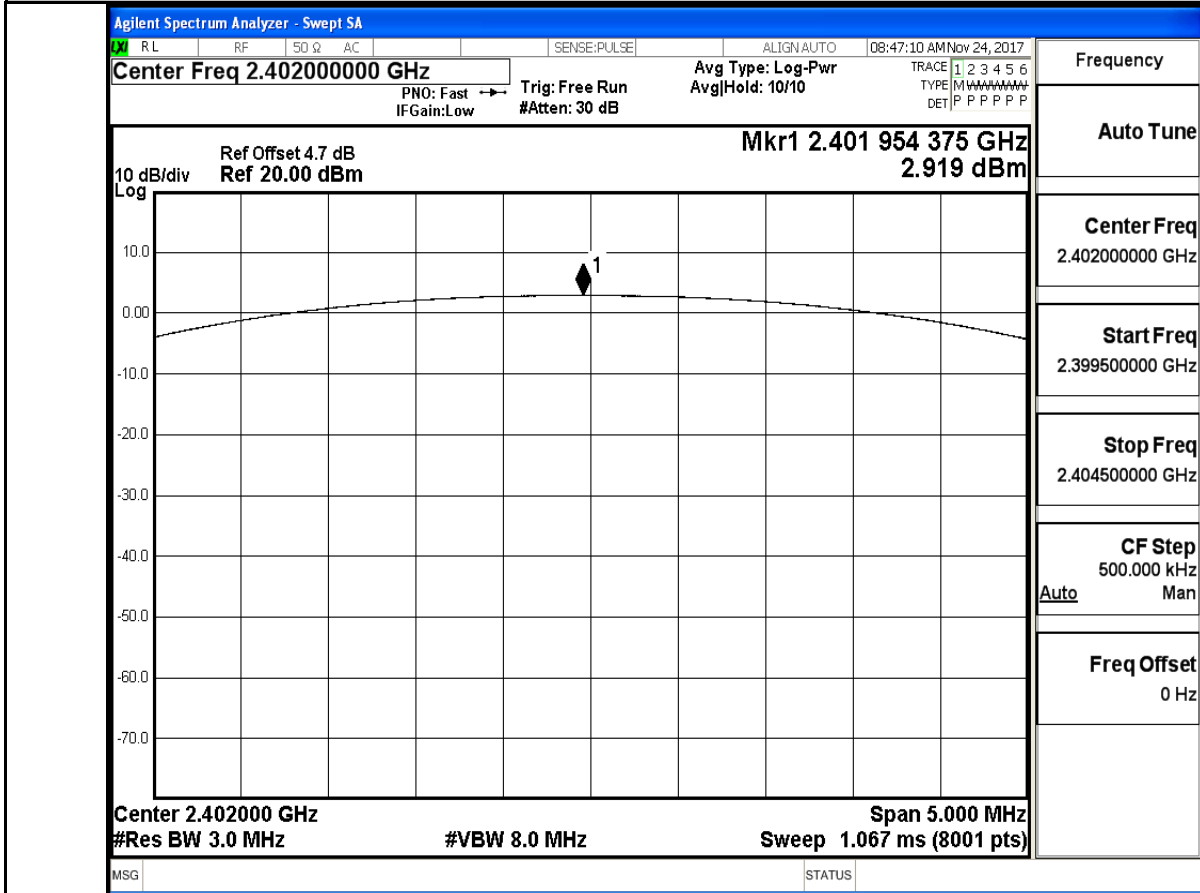
20 dB Bandwidth_3DH5_2480



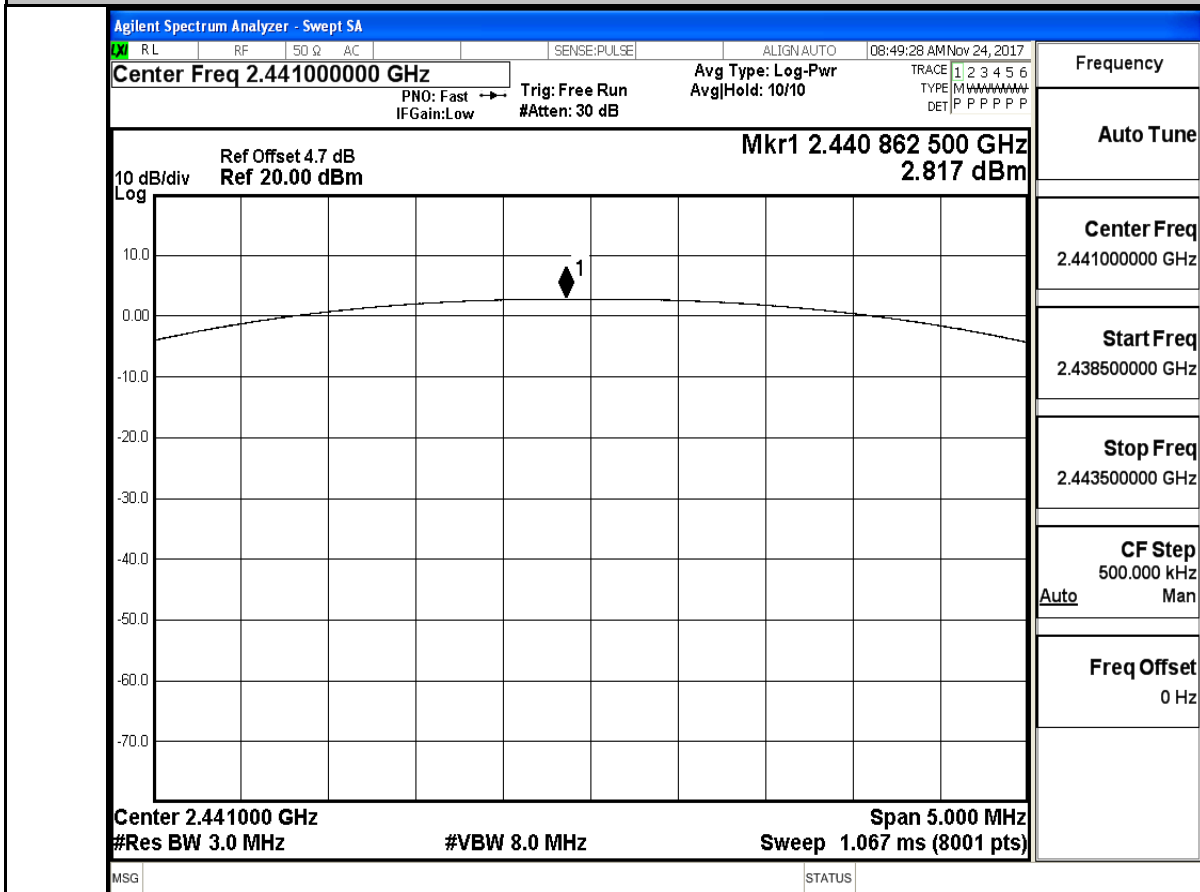
2. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	2.919	21	PASS
DH5	2441	2.817	21	PASS
DH5	2480	2.539	21	PASS
2DH5	2402	2.047	21	PASS
2DH5	2441	2.065	21	PASS
2DH5	2480	1.807	21	PASS
3DH5	2402	2.177	21	PASS
3DH5	2441	2.214	21	PASS
3DH5	2480	1.936	21	PASS

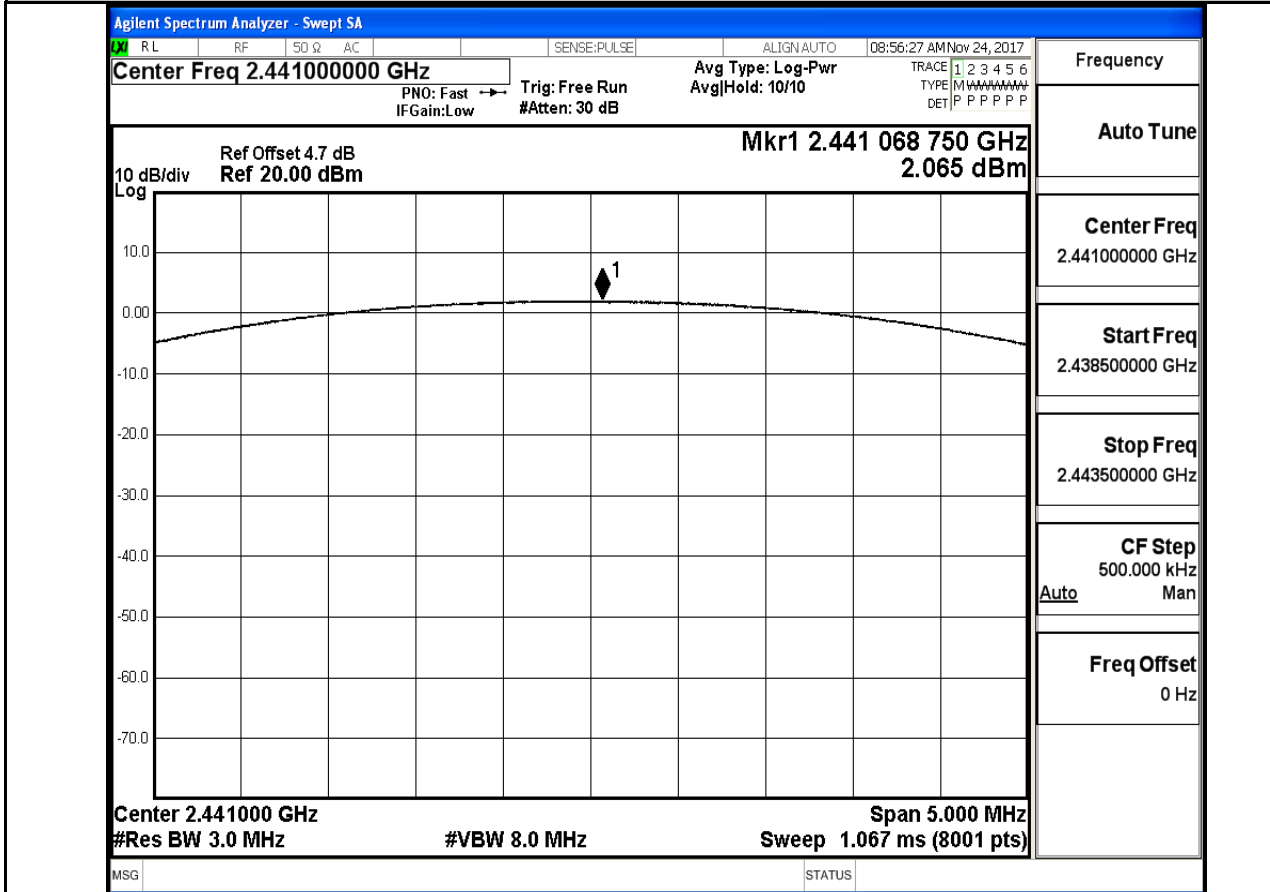
Conducted Peak Output Power_DH5_2402



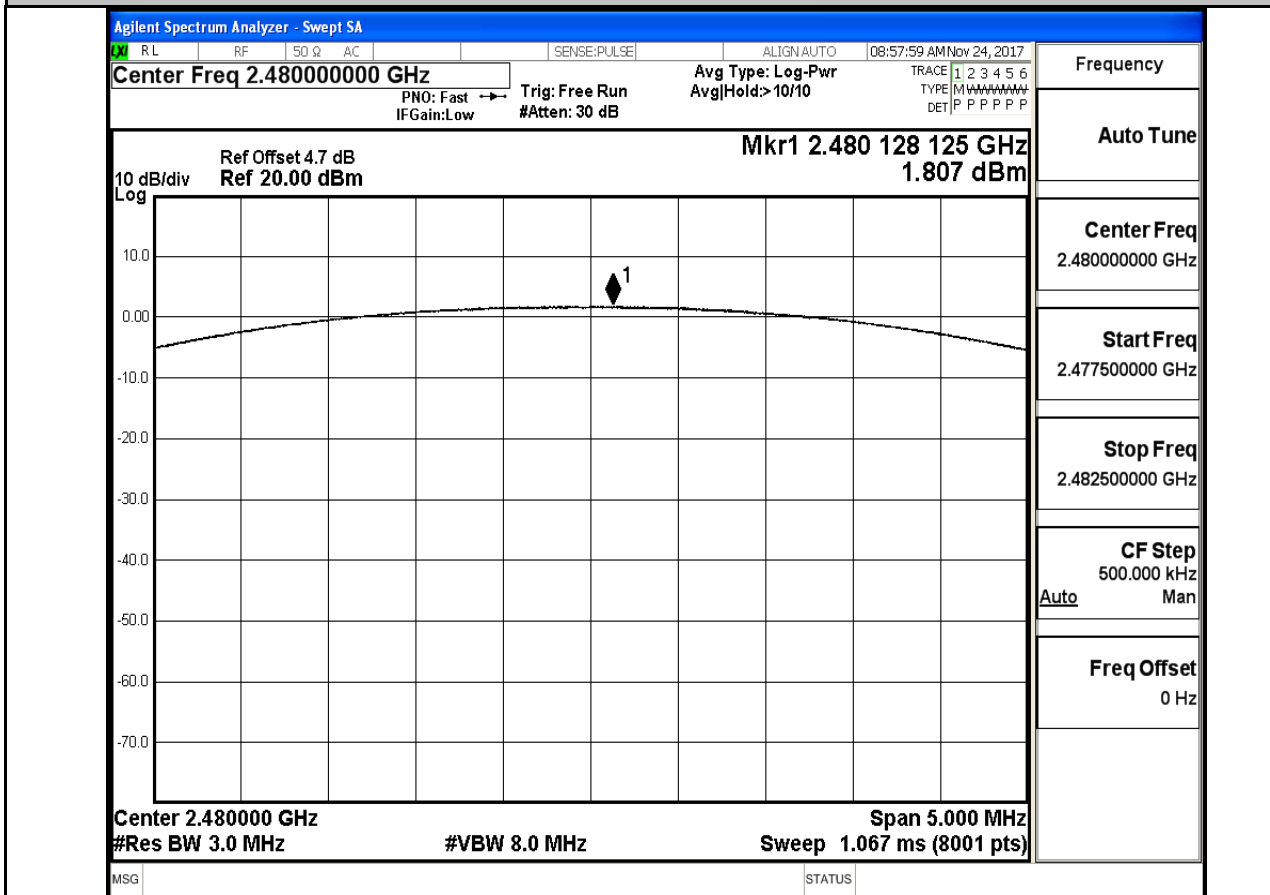
Conducted Peak Output Power_DH5_2441



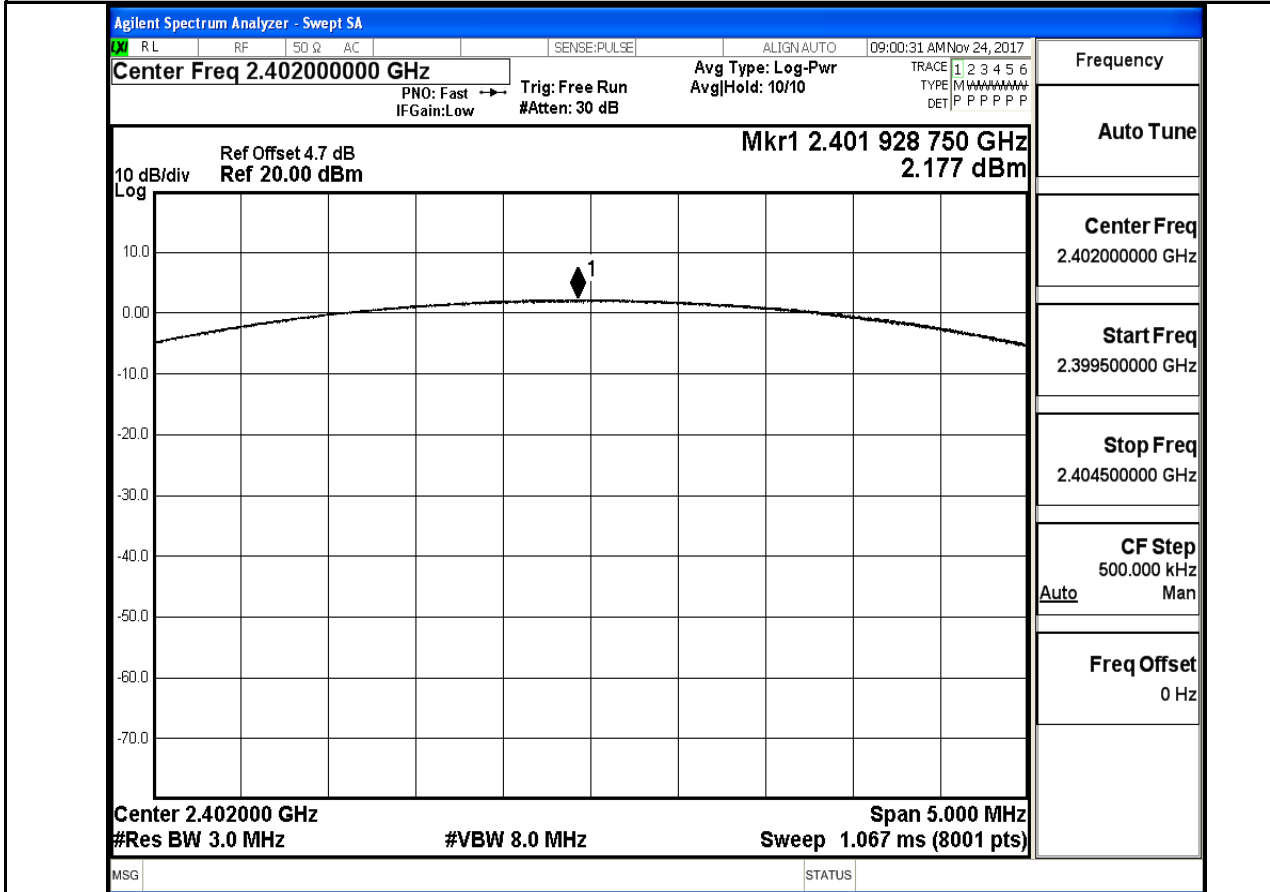
Conducted Peak Output Power_2DH5_2441



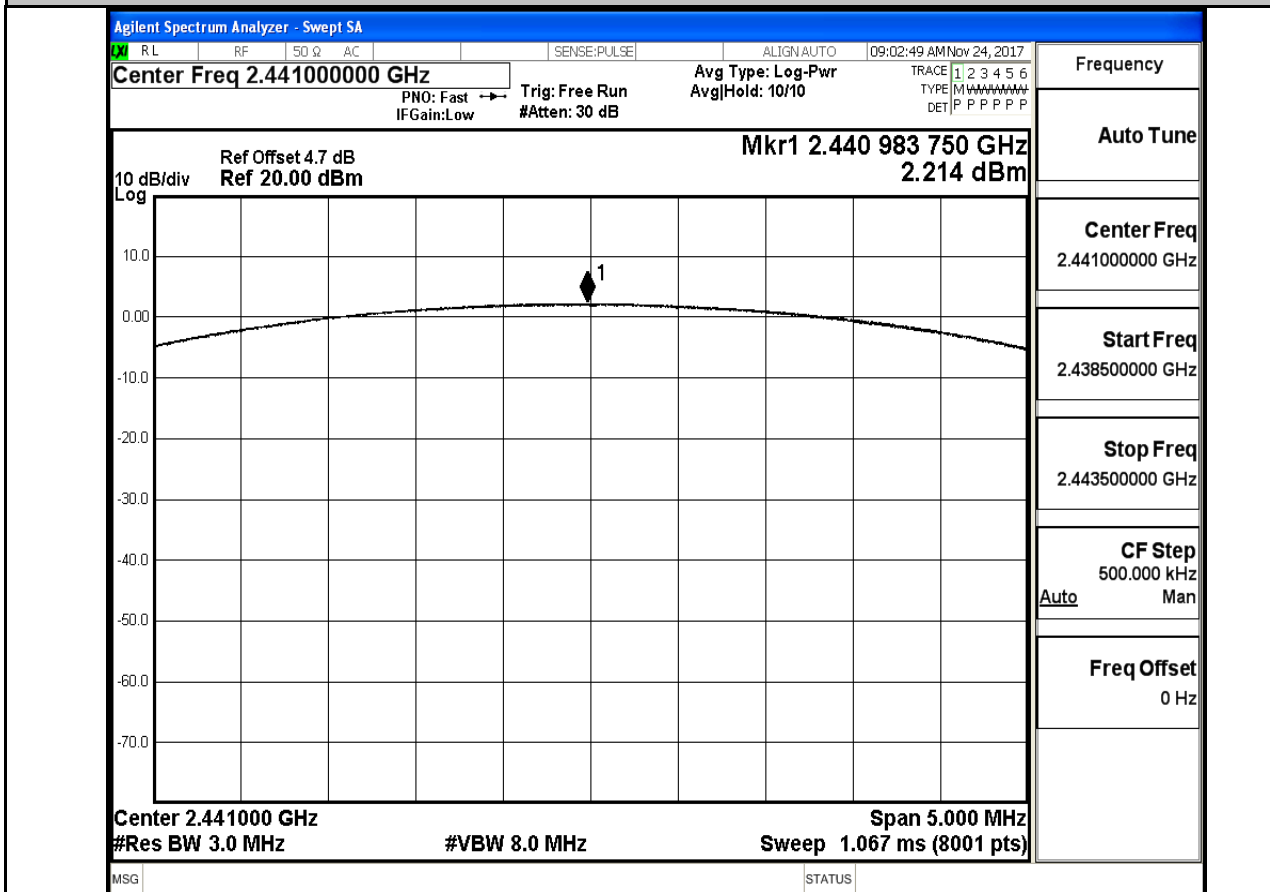
Conducted Peak Output Power_2DH5_2480



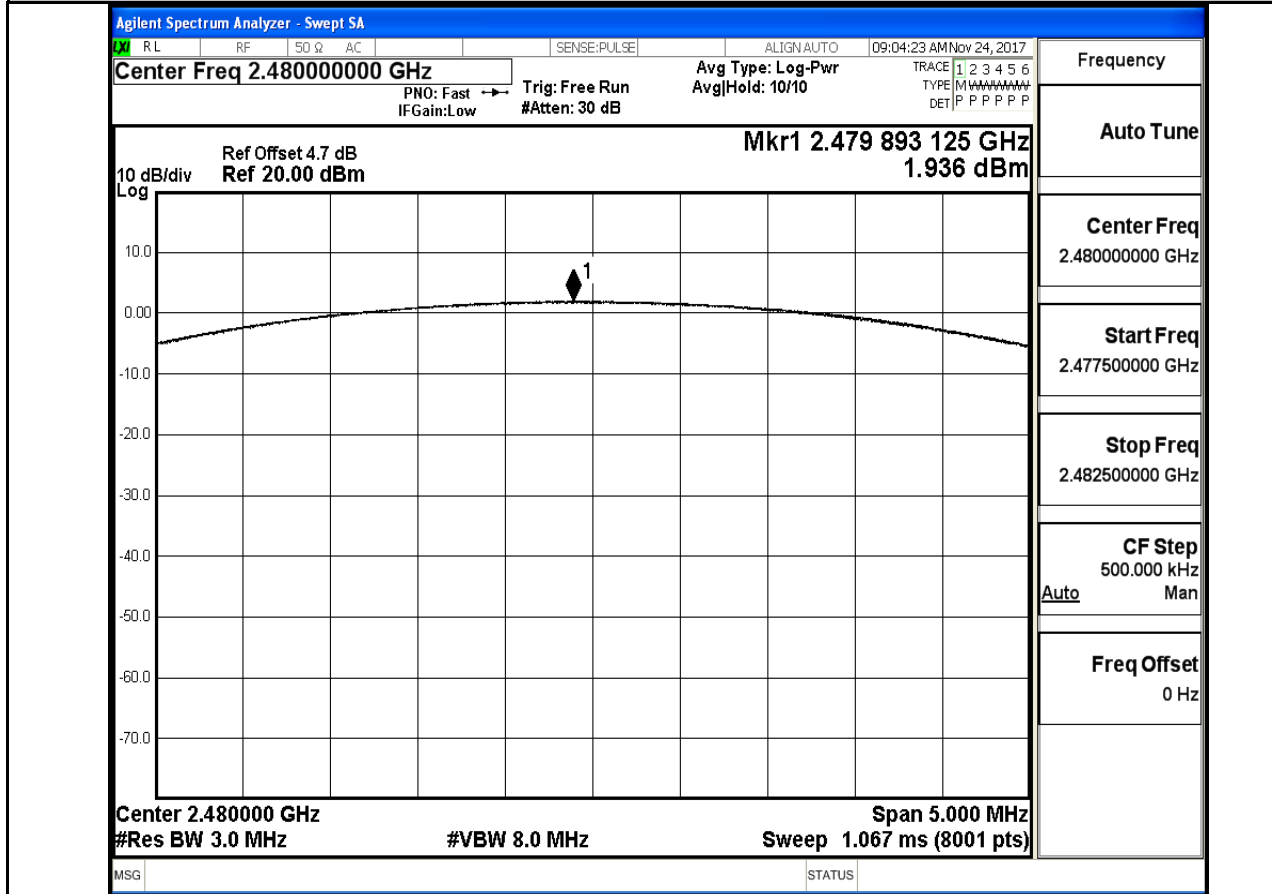
Conducted Peak Output Power_3DH5_2402



Conducted Peak Output Power_3DH5_2441



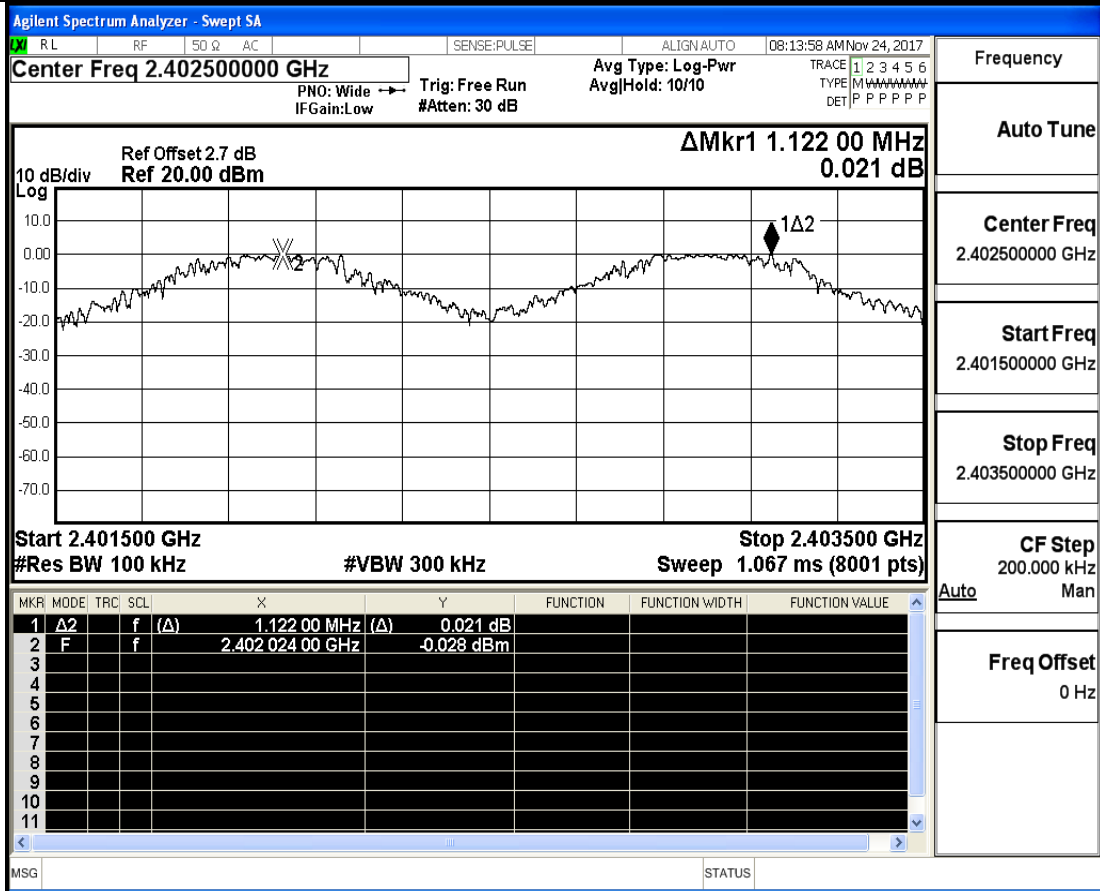
Conducted Peak Output Power_3DH5_2480



3.Carrier Frequency Separation

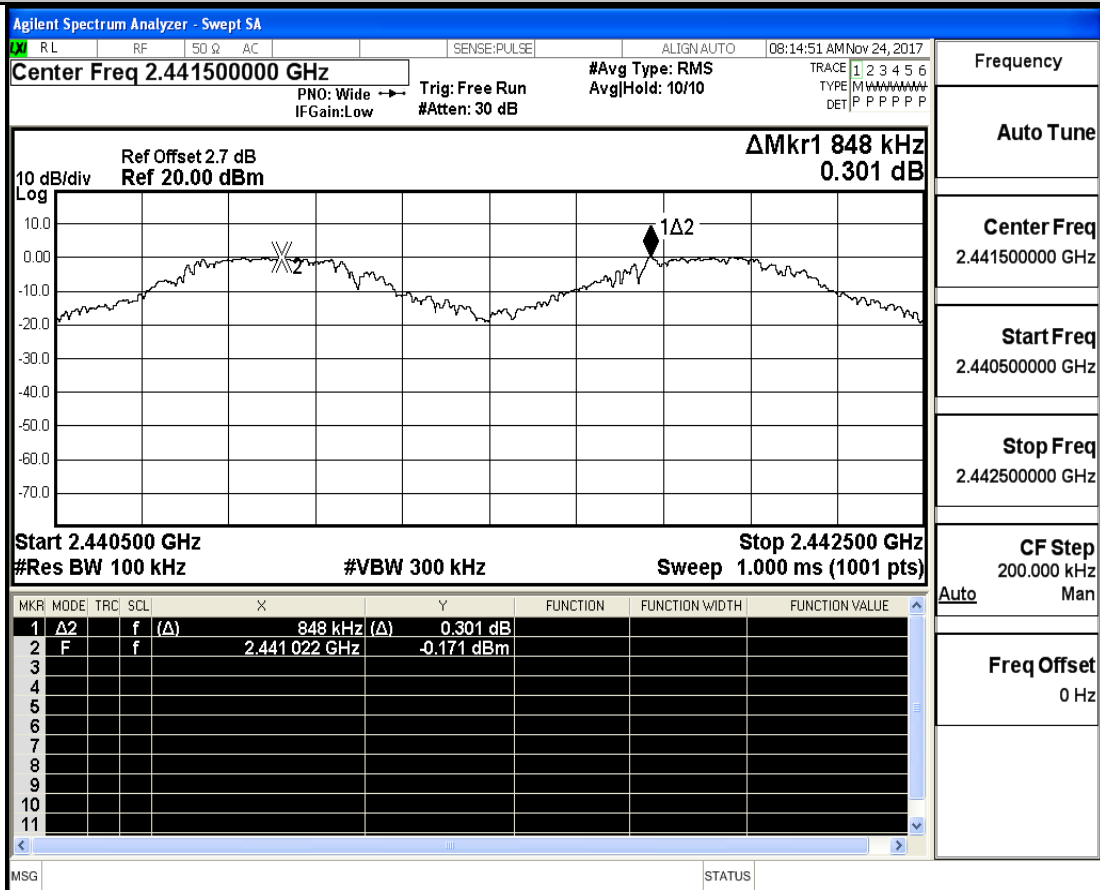
Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	1.122	0.69	PASS
DH5	2441	0.848	0.69	PASS
DH5	2480	1.044	0.68	PASS
2DH5	2402	1.108	0.86	PASS
2DH5	2441	0.97	0.86	PASS
2DH5	2480	1.008	0.86	PASS
3DH5	2402	1.008	0.86	PASS
3DH5	2441	1.01	0.87	PASS
3DH5	2480	1.012	0.87	PASS

Carrier Frequency Separation_DH5_2402



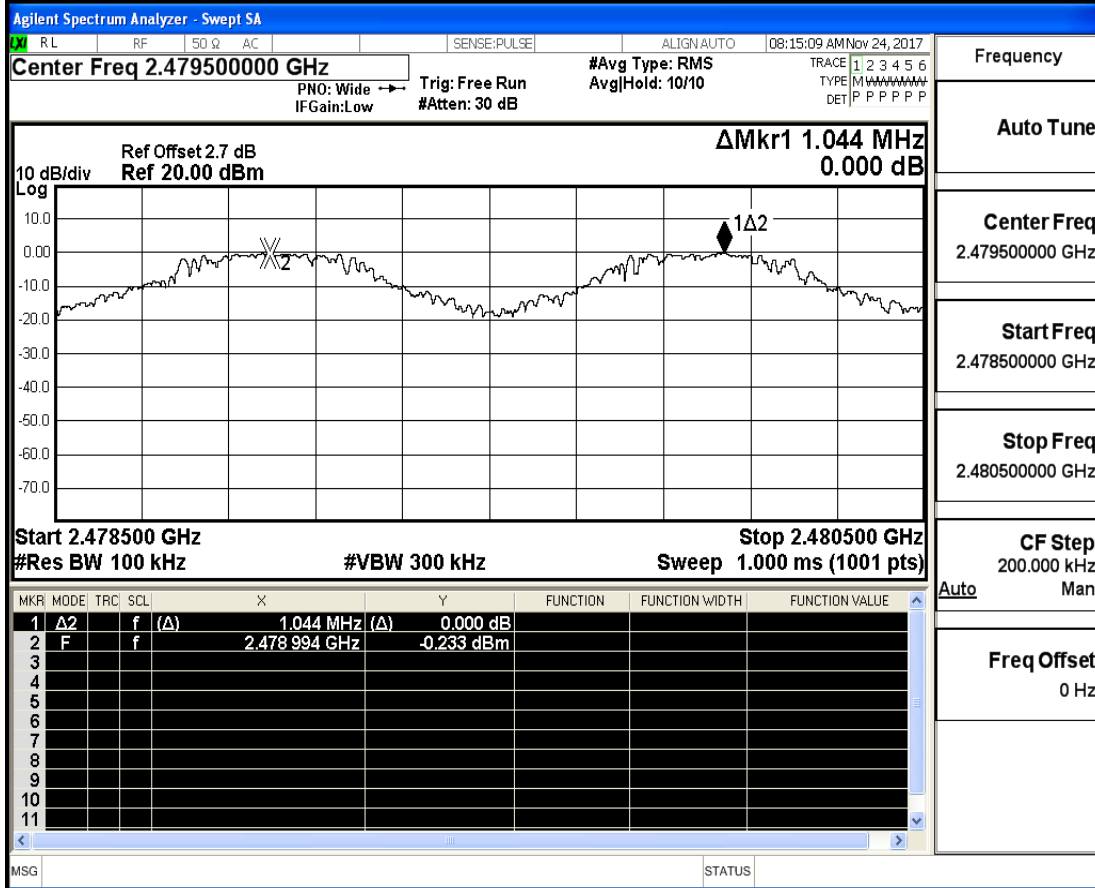
Frequency
Auto Tune
Center Freq 2.402500000 GHz
Start Freq 2.401500000 GHz
Stop Freq 2.403500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

Carrier Frequency Separation_DH5_2441



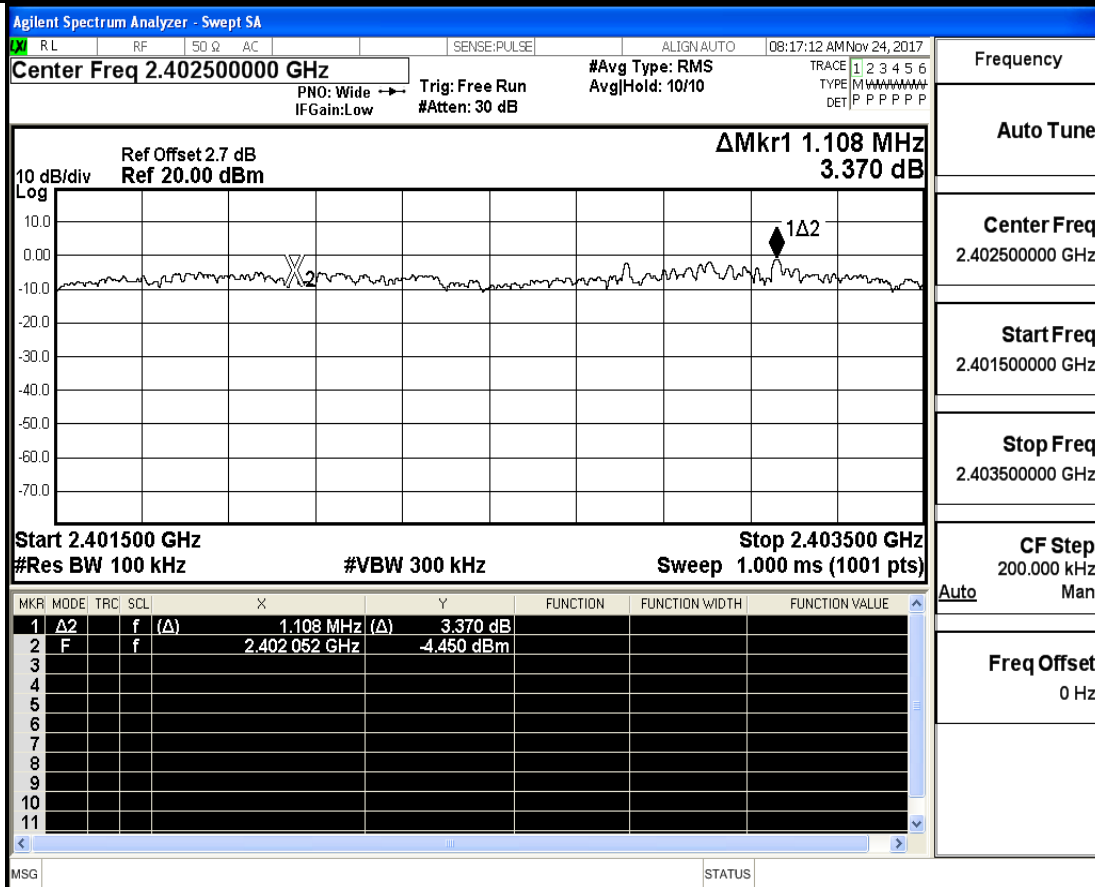
Frequency
Auto Tune
Center Freq 2.441500000 GHz
Start Freq 2.440500000 GHz
Stop Freq 2.442500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

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_2402

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 02:30:42 PM Nov 24, 2017

Center Freq 2.40250000 GHz #Avg Type: RMS TRACE 1 2 3 4 5 6
 PNO: Wide → Trig: Free Run AvgJHold: 10/10 TYPE: M W W W W W W W W W
 IFGain: Low #Atten: 30 dB DET: P P P P P P P

Ref Offset 4.7 dB **ΔMkr1 1.008 MHz**
 Ref 20.00 dBm -0.213 dB

10 dB/div Log

Start 2.401500 GHz Stop 2.403500 GHz
 #Res BW 100 kHz #VBW 300 kHz Sweep 1.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	Δ2	f	(Δ)	1.008 MHz (Δ)	-0.213 dB			
2	F	f		2.402166 GHz	0.921 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

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_2441

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 02:32:53 PM Nov 24, 2017

Center Freq 2.44150000 GHz #Avg Type: RMS TRACE 1 2 3 4 5 6
 PNO: Wide → Trig: Free Run AvgJHold: 10/10 TYPE: M W W W W W W W W W
 IFGain: Low #Atten: 30 dB DET: P P P P P P P

Ref Offset 4.7 dB **ΔMkr1 1.010 MHz**
 Ref 20.00 dBm 0.020 dB

10 dB/div Log

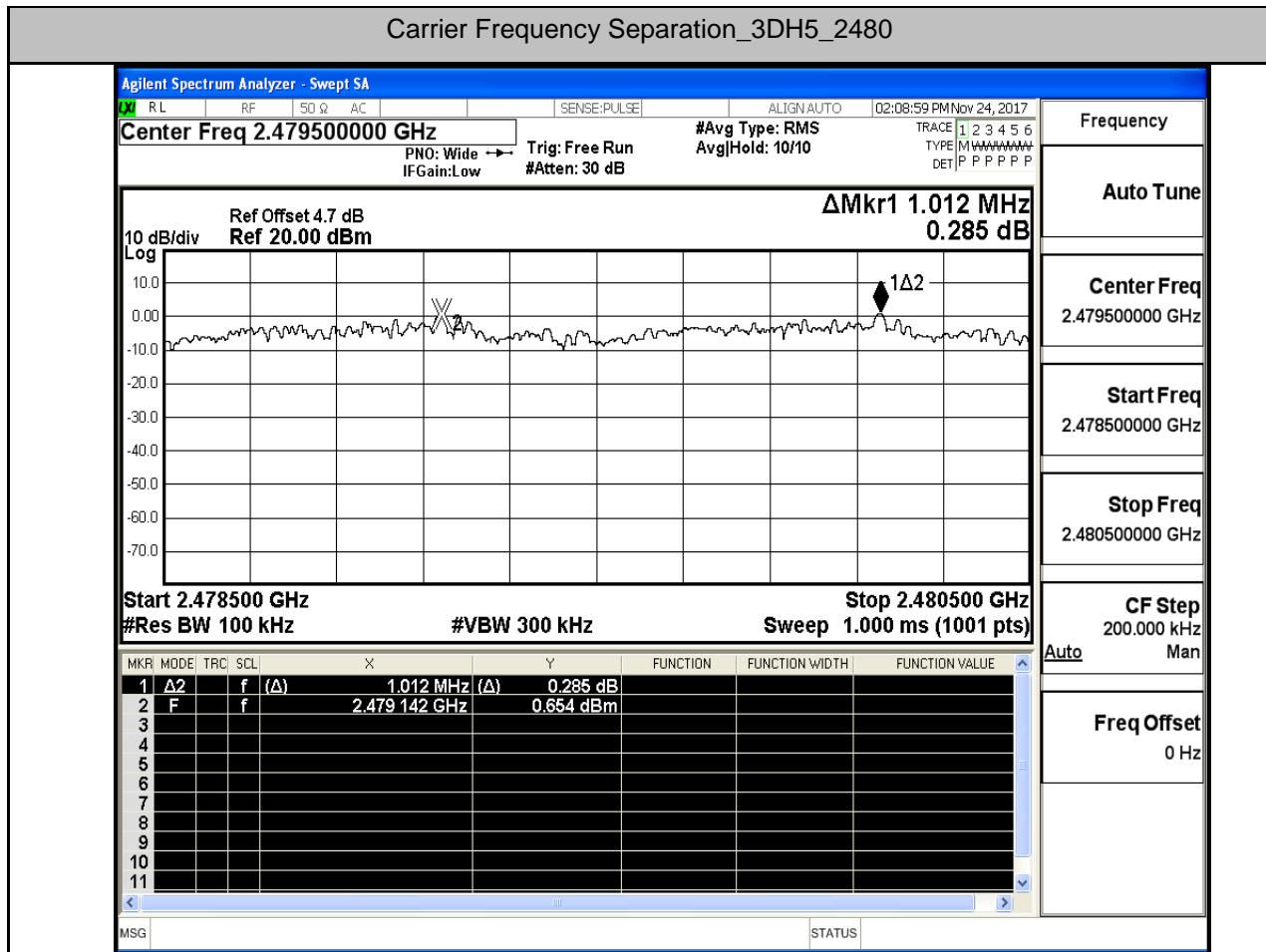
Start 2.440500 GHz Stop 2.442500 GHz
 #Res BW 100 kHz #VBW 300 kHz Sweep 1.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	Δ2	f	(Δ)	1.010 MHz (Δ)	0.020 dB			
2	F	f		2.441152 GHz	1.117 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency	
Auto Tune	
Center Freq	2.441500000 GHz
Start Freq	2.440500000 GHz
Stop Freq	2.442500000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

Carrier Frequency Separation_3DH5_2480

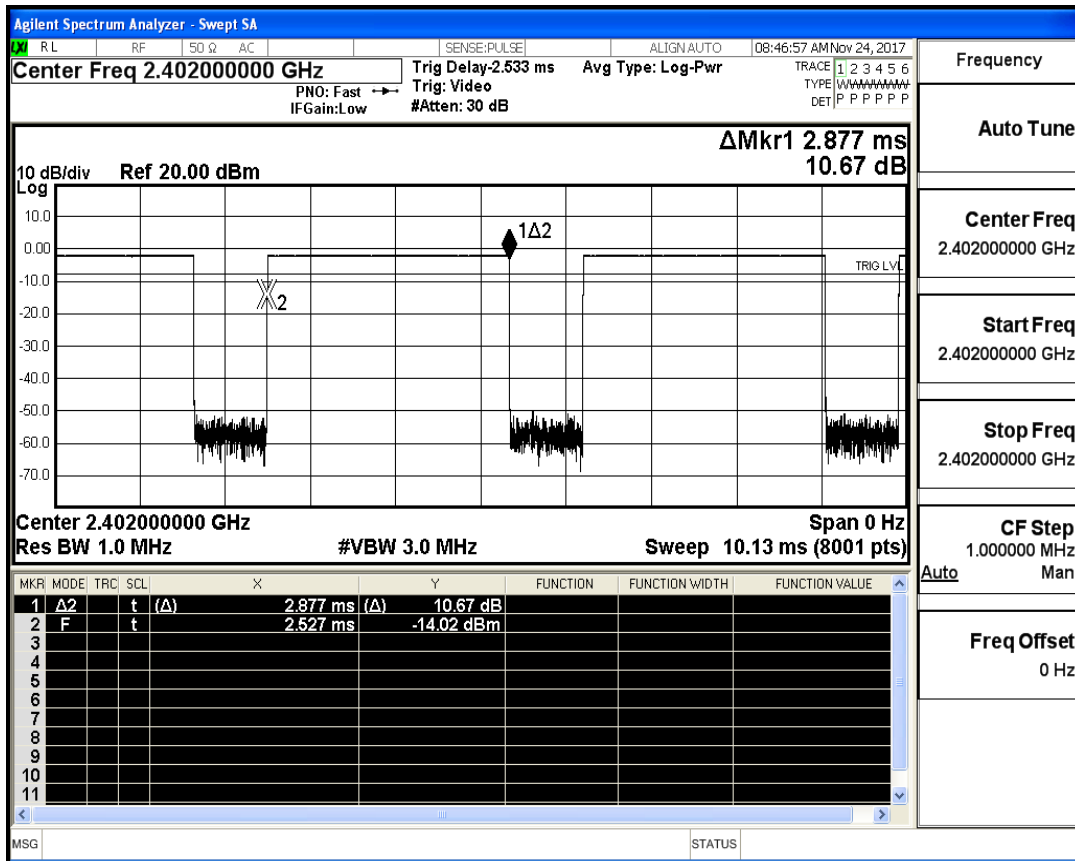


Frequency
Auto Tune
Center Freq 2.479500000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.480500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

4.Dwell Time

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

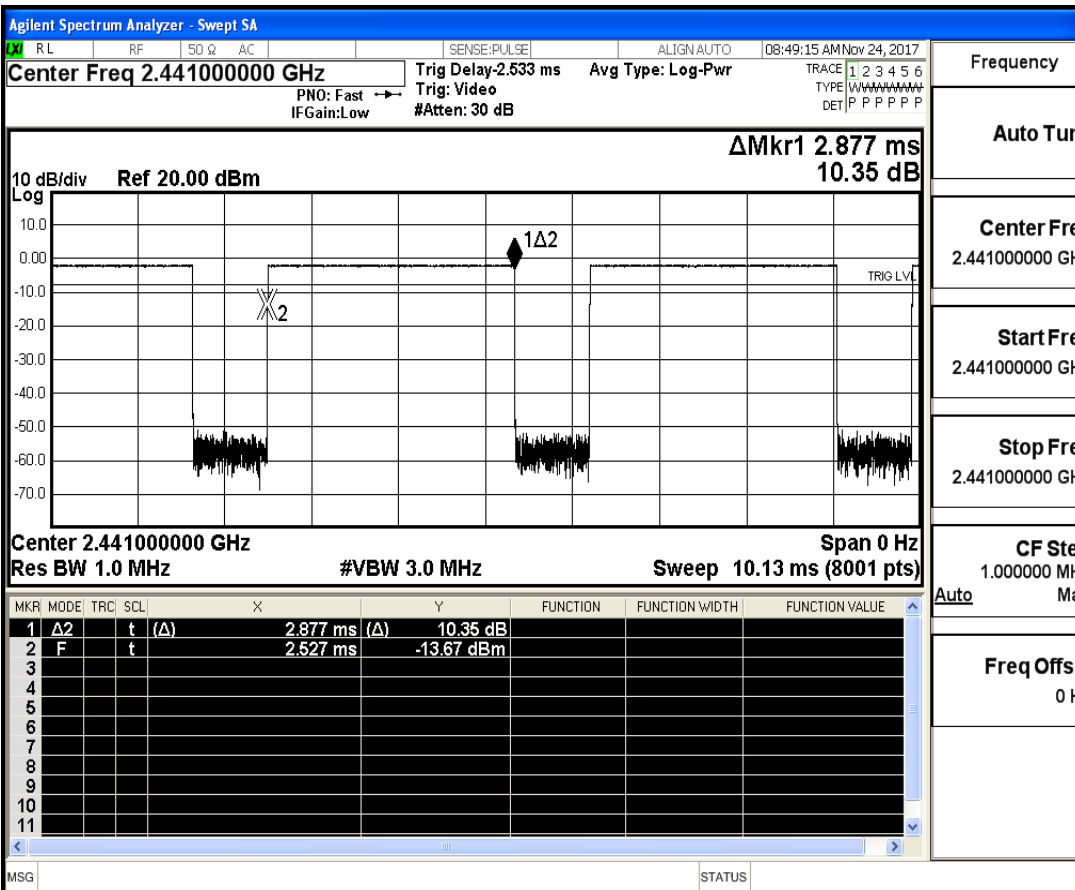
1.000000 MHz

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

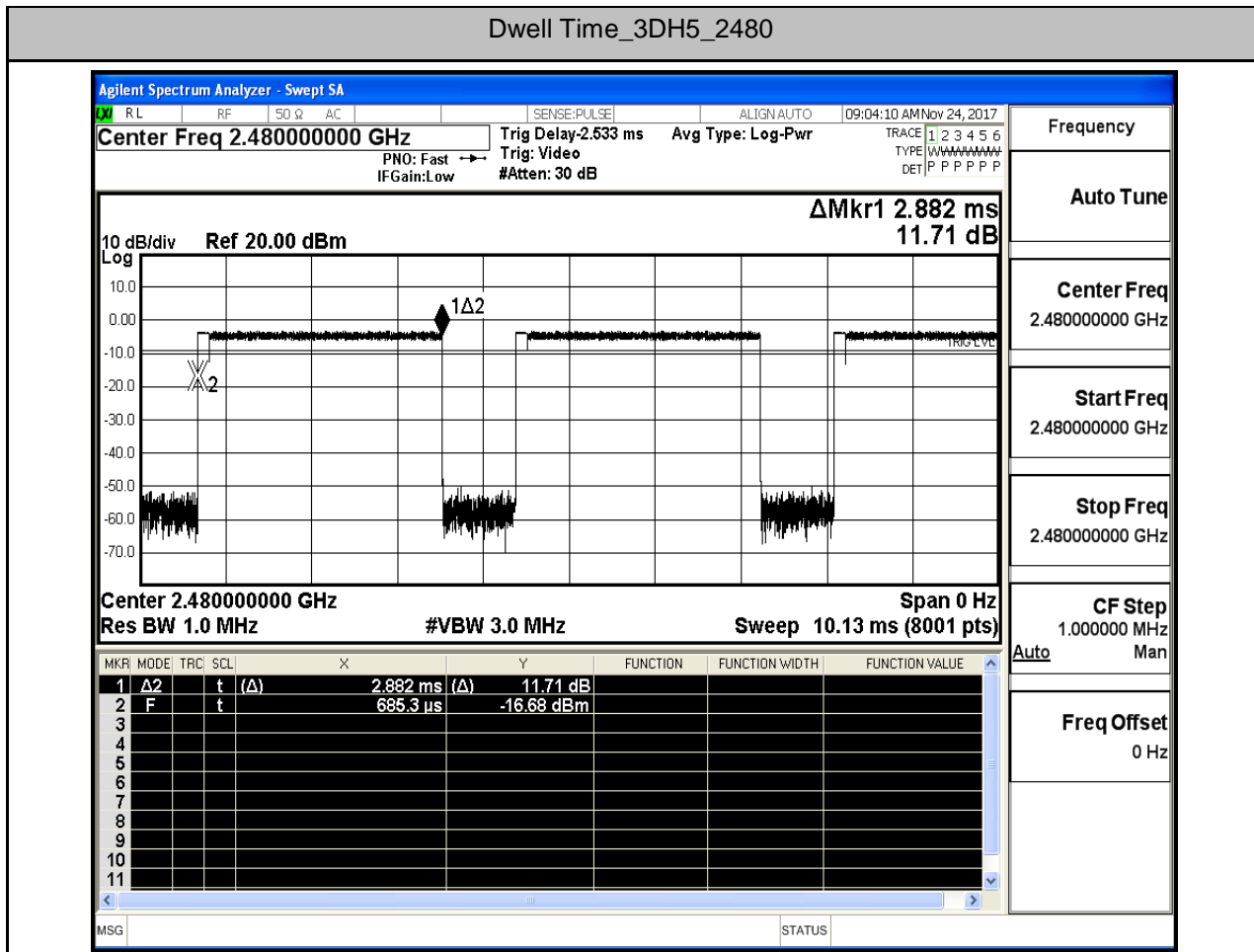
1.000000 MHz

Man

Freq Offset

0 Hz

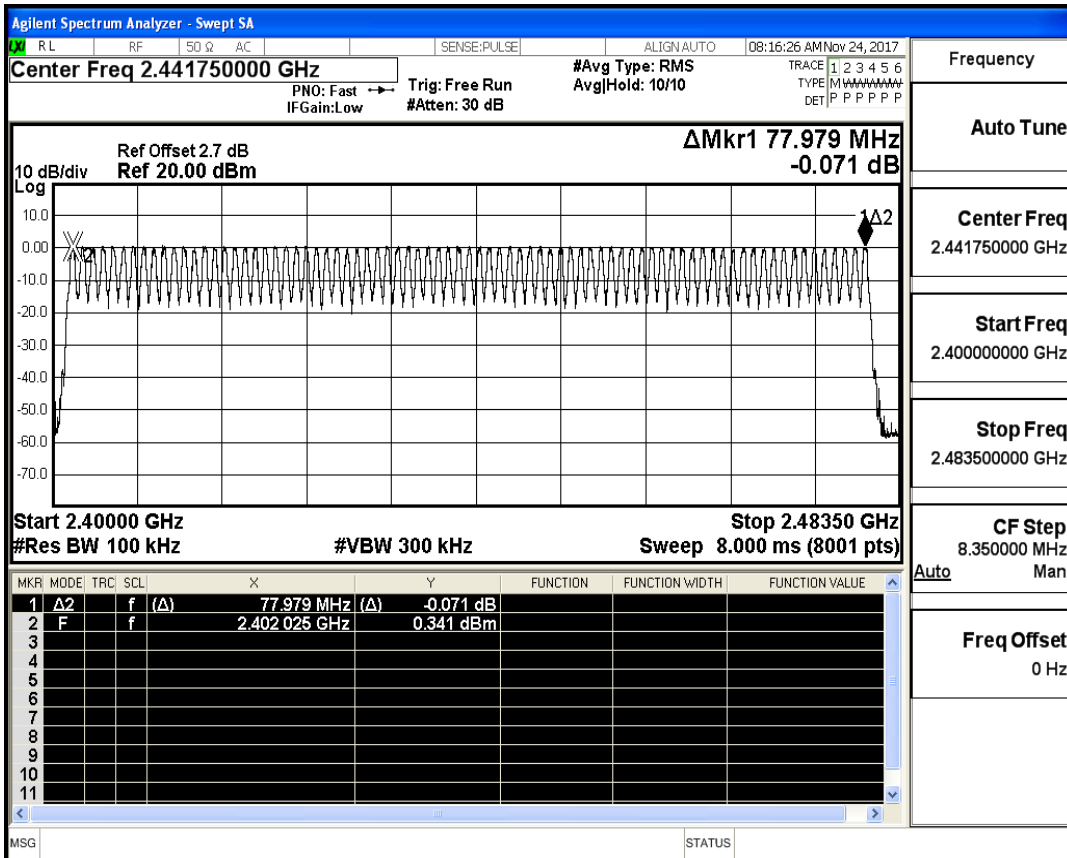
Dwell Time_3DH5_2480



5.Hopping Channel Number

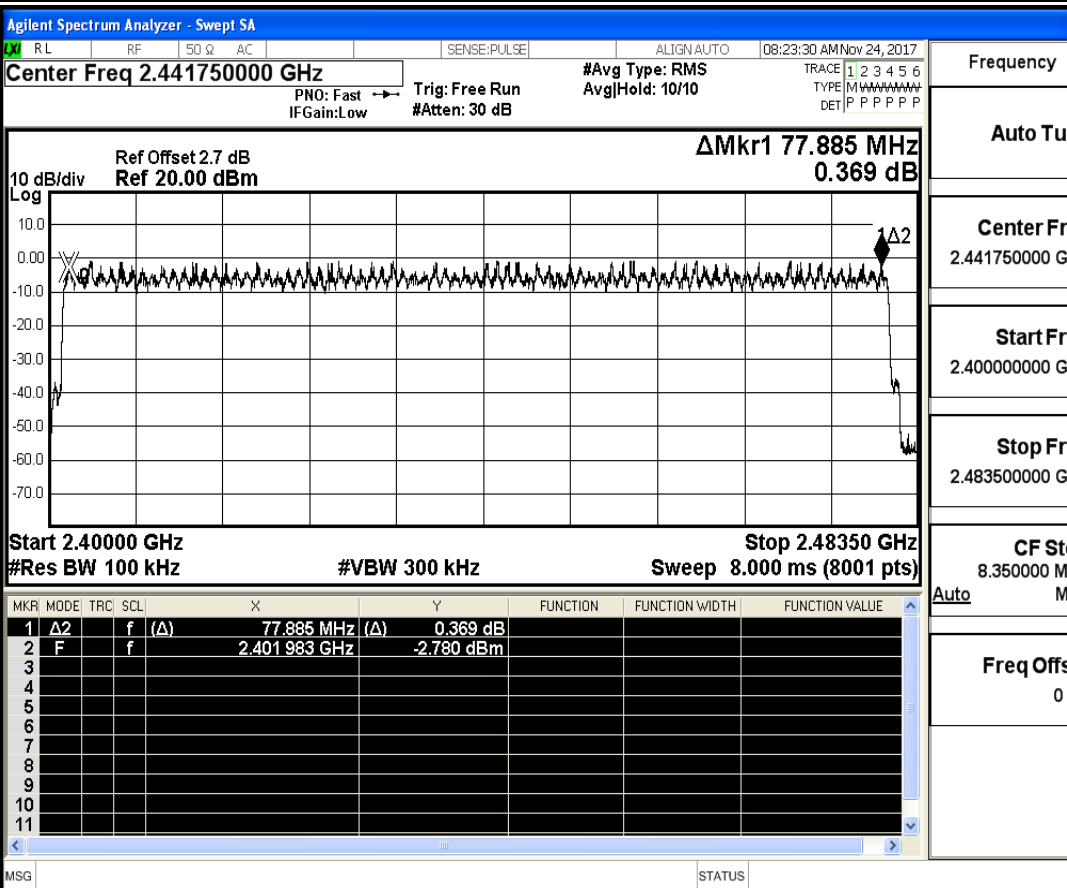
Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
DH5	2402	79	≥ 15	PASS
2DH5	2402	79	≥ 15	PASS
3DH5	2402	79	≥ 15	PASS

Hopping Channel Number_DH5_2402



Frequency
Auto Tune
Center Freq 2.441750000 GHz
Start Freq 2.400000000 GHz
Stop Freq 2.483500000 GHz
CF Step 8.350000 MHz Man
Auto
Freq Offset 0 Hz

Hopping Channel Number_2DH5_2402

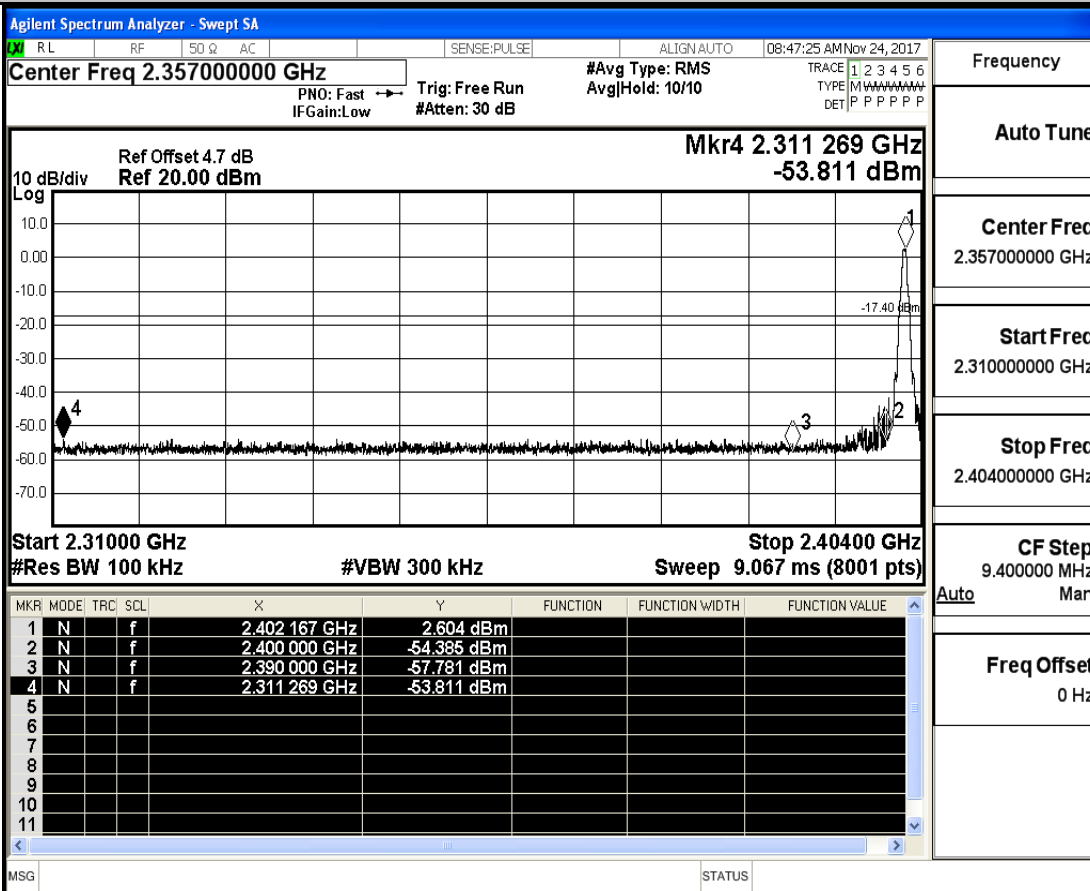


Frequency
Auto Tune
Center Freq 2.441750000 GHz
Start Freq 2.400000000 GHz
Stop Freq 2.483500000 GHz
CF Step 8.350000 MHz Man
Auto
Freq Offset 0 Hz

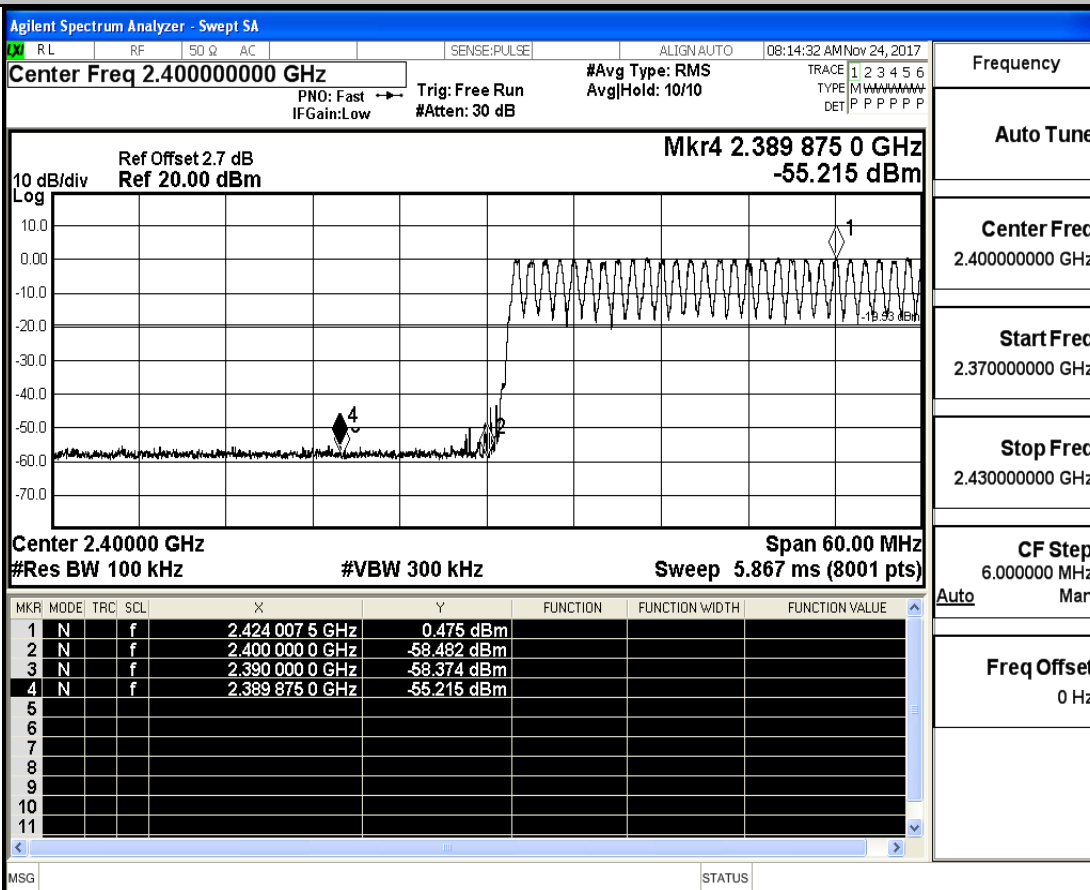
6. Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	Off	2.604	-53.811	-17.4	PASS
DH5	2402	On	0.475	-55.215	-19.53	PASS
DH5	2480	Off	2.304	-47.590	-17.7	PASS
DH5	2480	On	0.354	-52.812	-19.65	PASS
2DH5	2402	Off	1.017	-53.205	-18.98	PASS
2DH5	2402	On	-0.921	-54.971	-20.92	PASS
2DH5	2480	Off	1.008	-50.716	-18.99	PASS
2DH5	2480	On	-0.873	-54.547	-20.87	PASS
3DH5	2402	On	1.119	-52.301	-18.88	PASS
3DH5	2402	Off	-1.471	-53.007	-21.47	PASS
3DH5	2480	On	1.152	-52.897	-18.85	PASS
3DH5	2480	Off	0.645	-49.621	-19.36	PASS

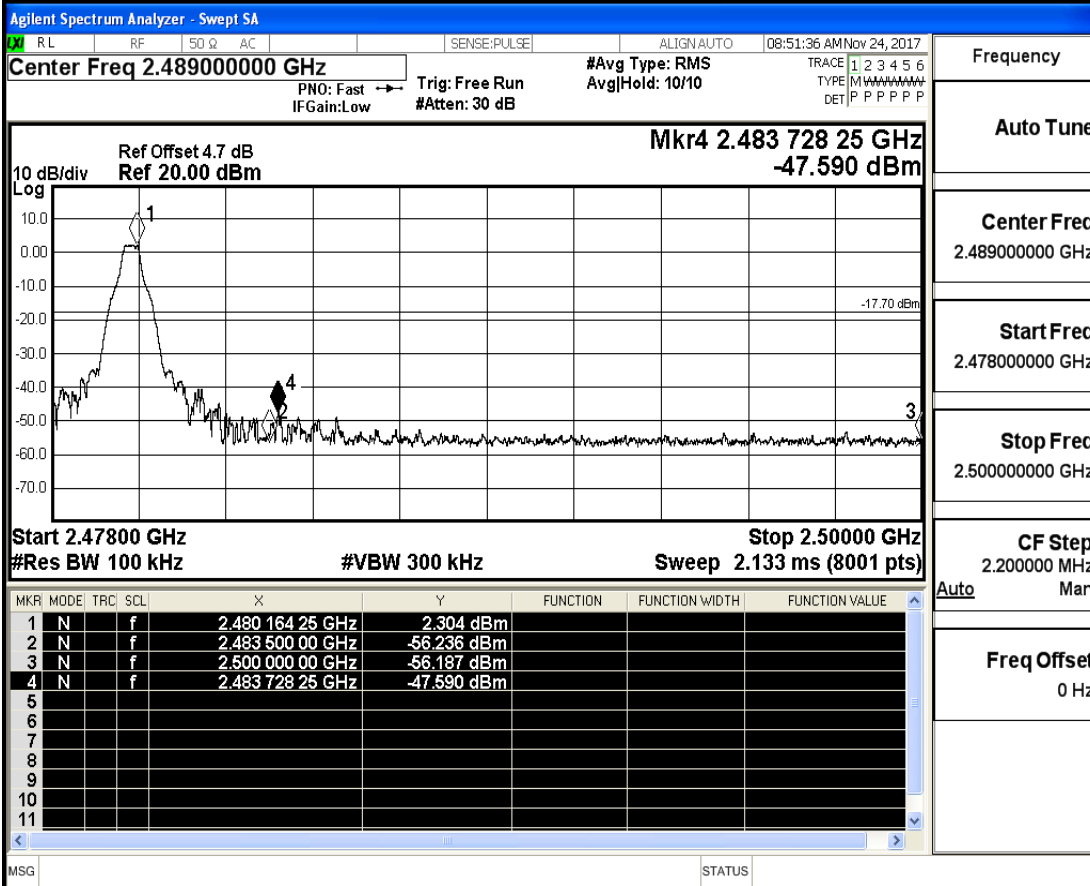
Band-edge for RF Conducted Emissions_DH5_2402_Hopping Off



Band-edge for RF Conducted Emissions_DH5_2402_Hopping On

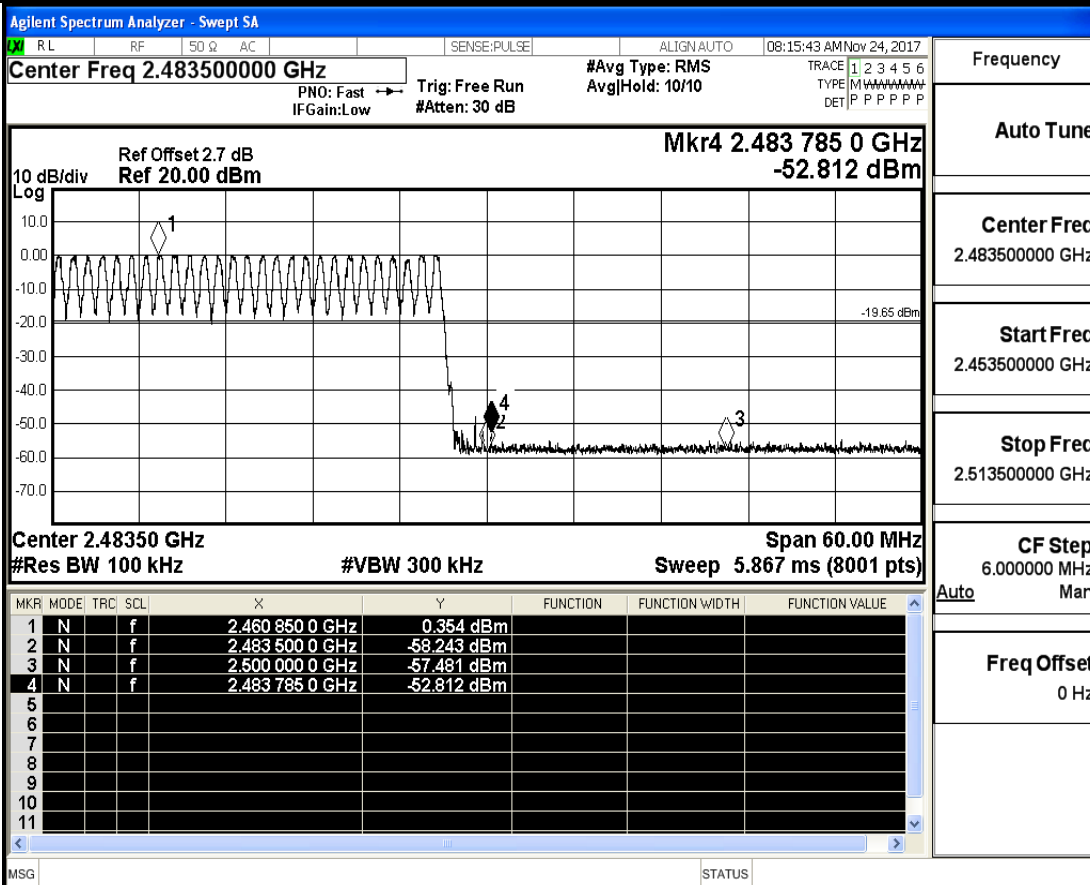


Band-edge for RF Conducted Emissions_DH5_2480_Hopping Off



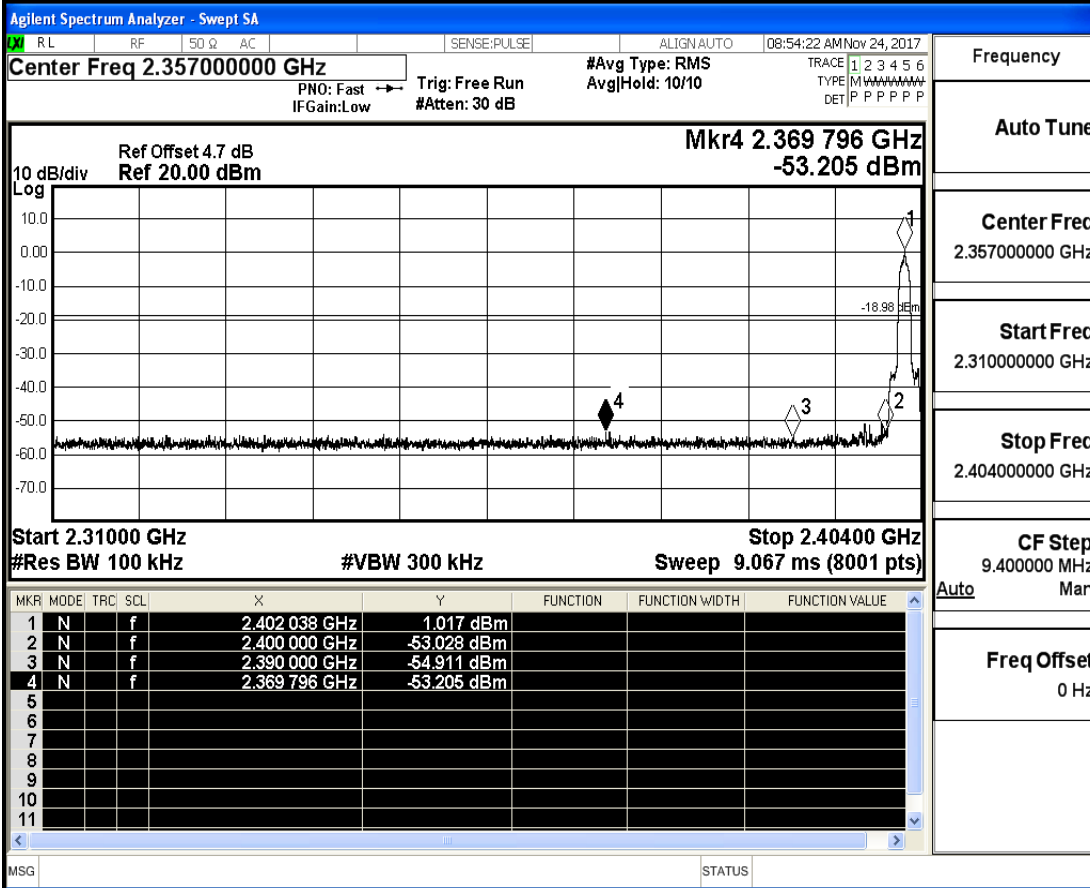
Frequency
Auto Tune
Center Freq 2.489000000 GHz
Start Freq 2.478000000 GHz
Stop Freq 2.500000000 GHz
CF Step 2.200000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_DH5_2480_Hopping On



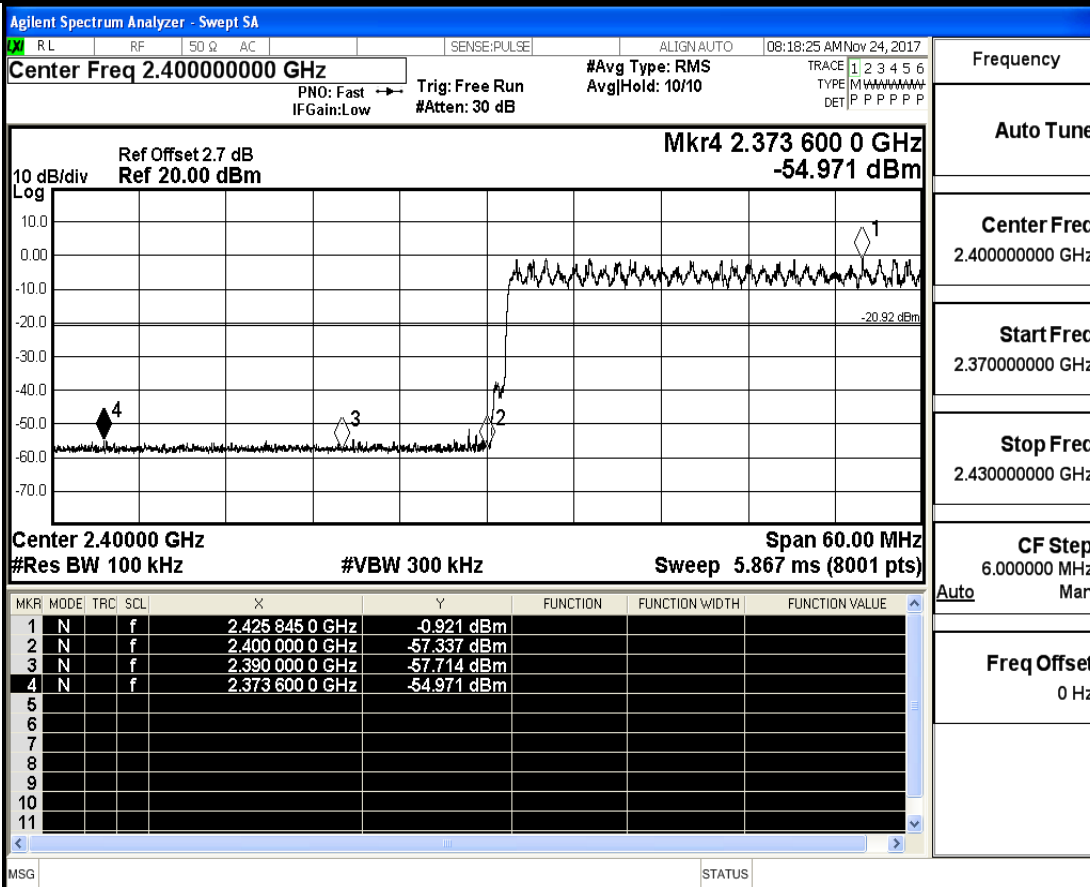
Frequency
Auto Tune
Center Freq 2.483500000 GHz
Start Freq 2.453500000 GHz
Stop Freq 2.513500000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2402_Hopping Off



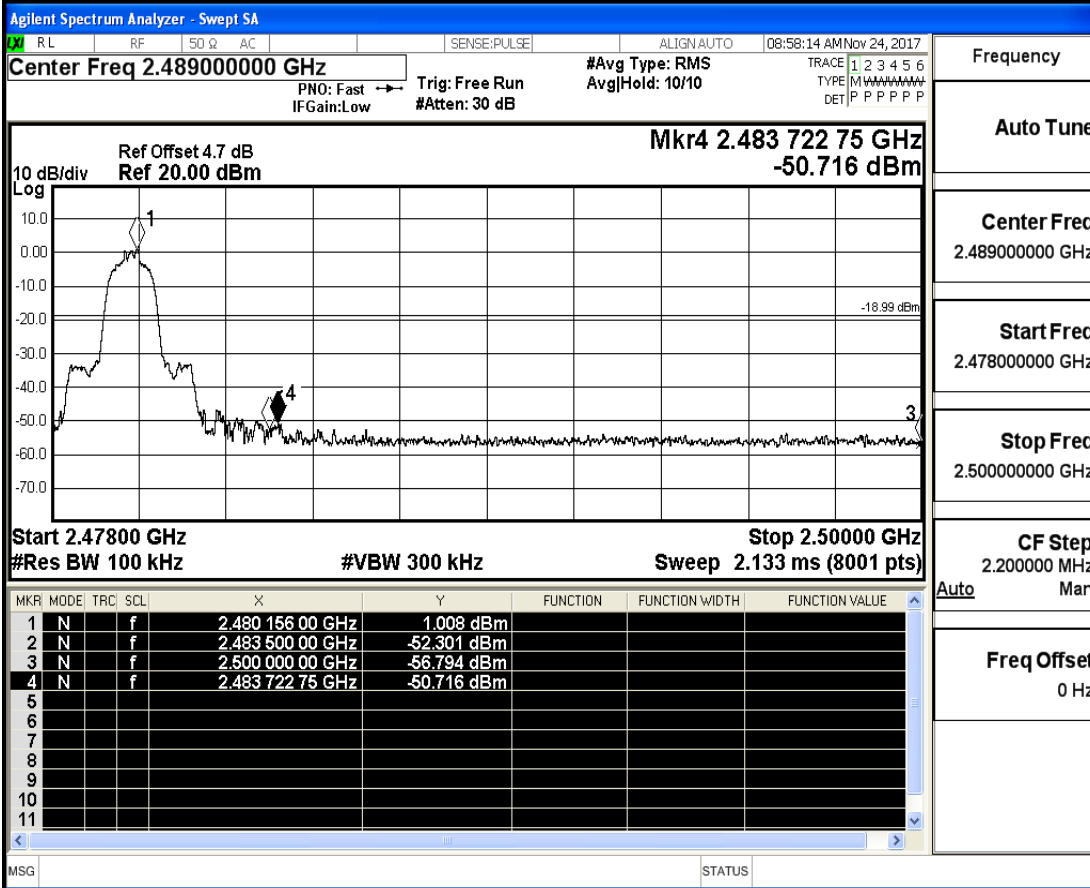
Frequency
Auto Tune
Center Freq 2.357000000 GHz
Start Freq 2.310000000 GHz
Stop Freq 2.404000000 GHz
CF Step 9.400000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2402_Hopping On



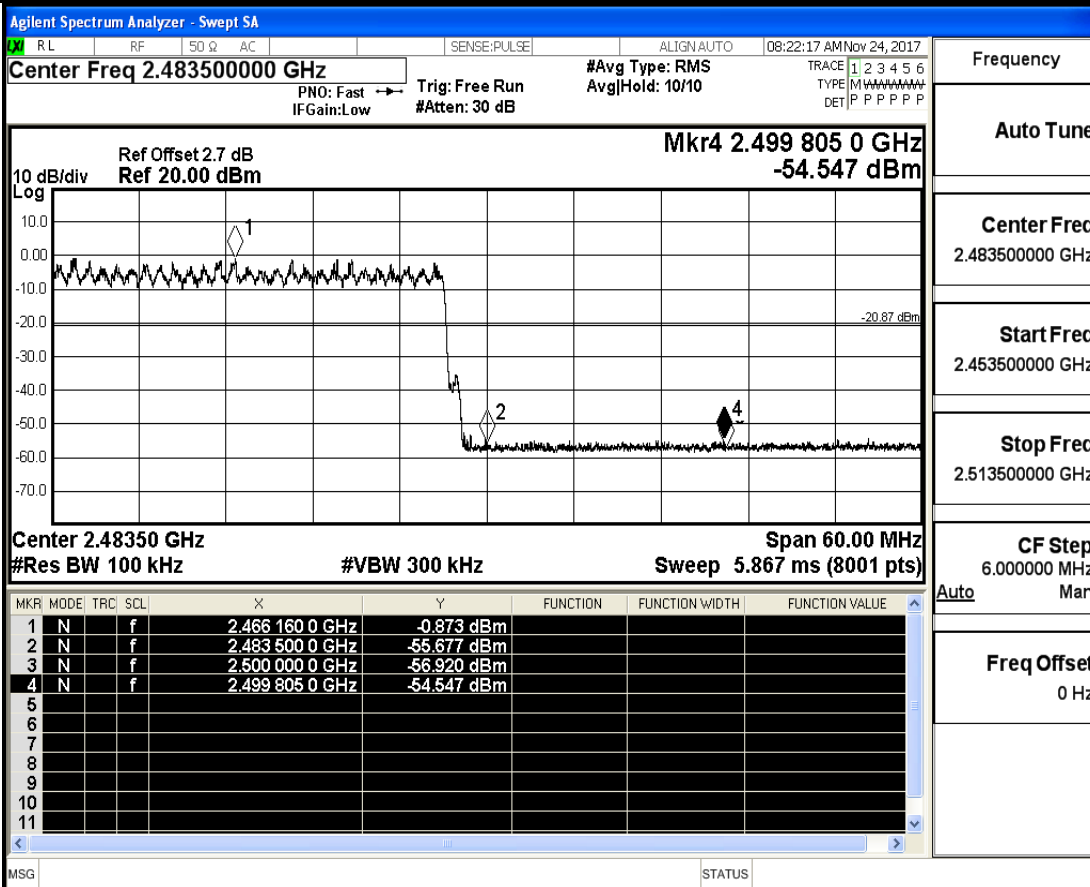
Frequency
Auto Tune
Center Freq 2.400000000 GHz
Start Freq 2.370000000 GHz
Stop Freq 2.430000000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2480_Hopping Off



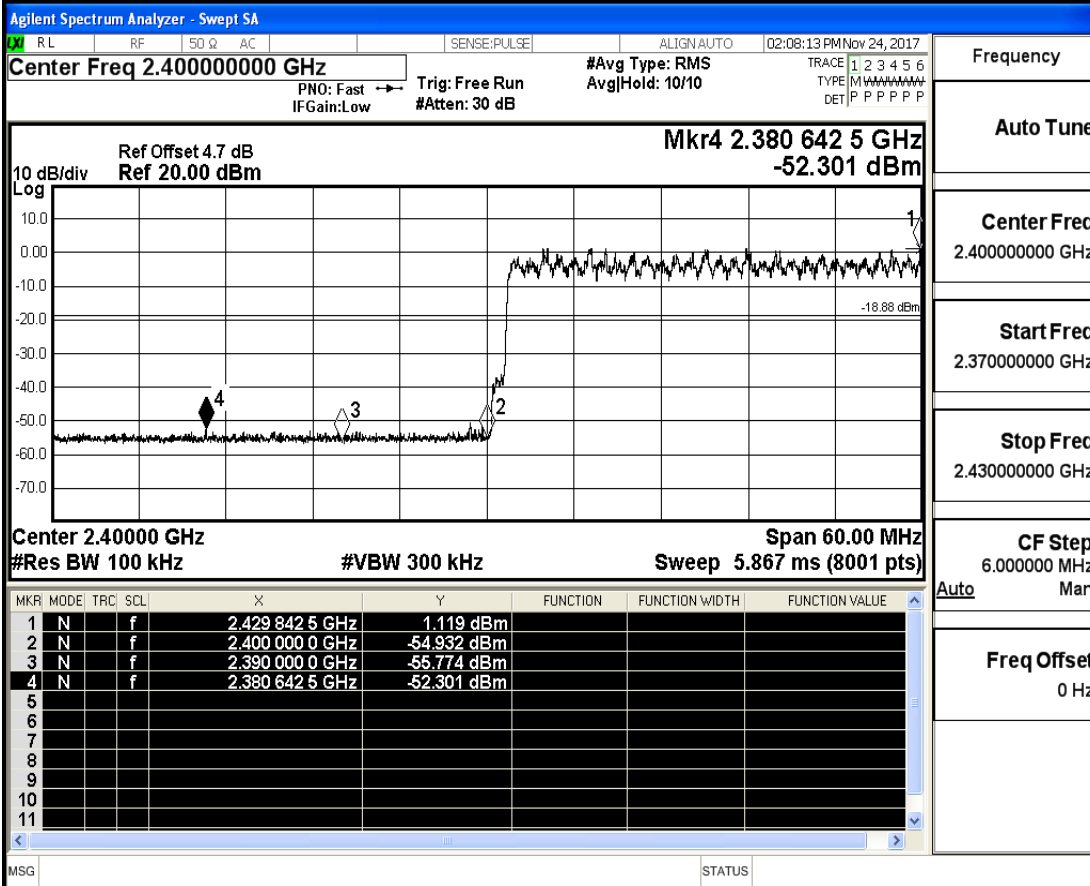
Frequency
Auto Tune
Center Freq 2.489000000 GHz
Start Freq 2.478000000 GHz
Stop Freq 2.500000000 GHz
CF Step 2.200000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2480_Hopping On



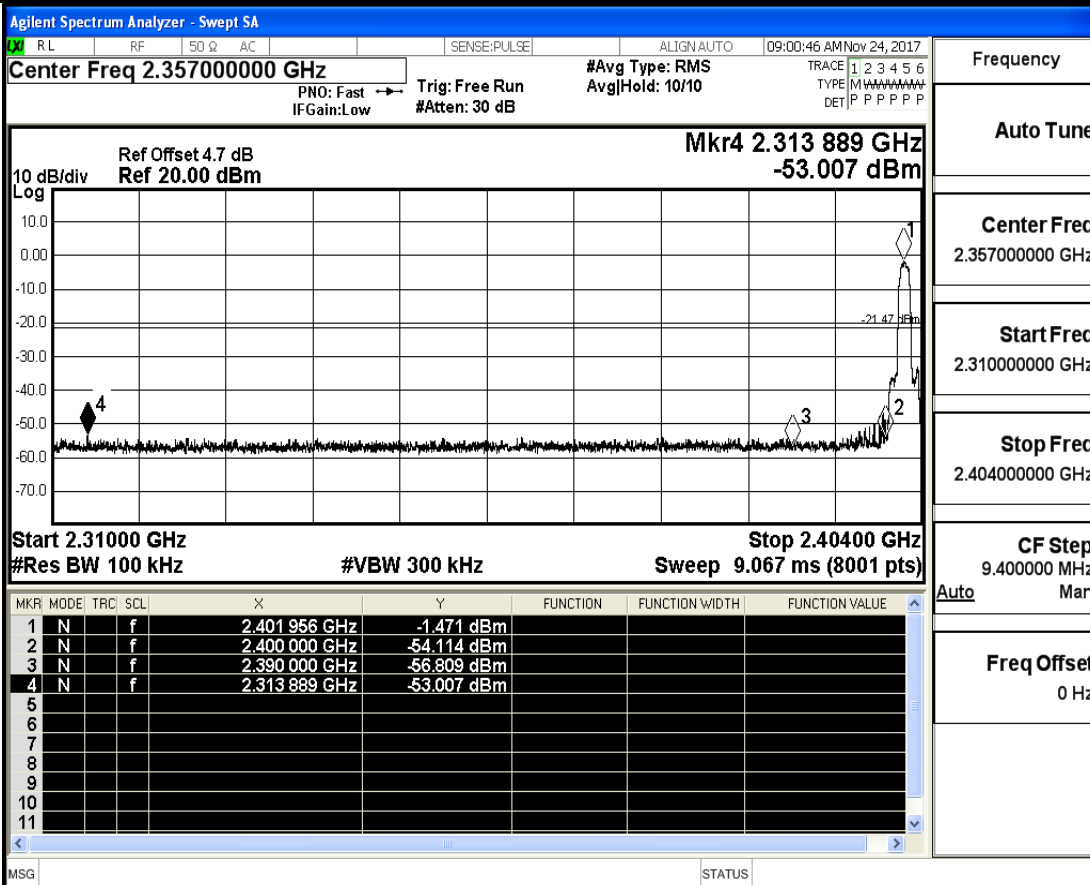
Frequency
Auto Tune
Center Freq 2.483500000 GHz
Start Freq 2.453500000 GHz
Stop Freq 2.513500000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_3DH5_2402_Hopping On



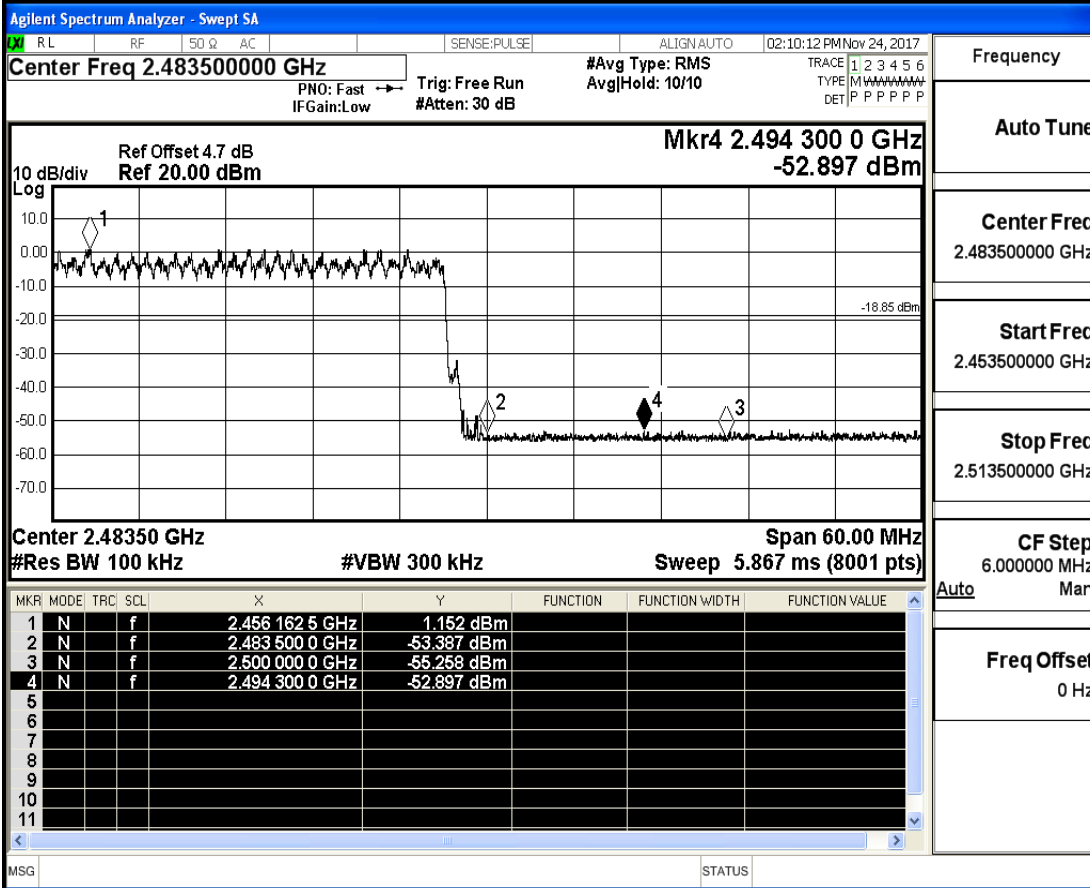
Frequency
Auto Tune
Center Freq 2.40000000 GHz
Start Freq 2.37000000 GHz
Stop Freq 2.43000000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_3DH5_2402_Hopping Off



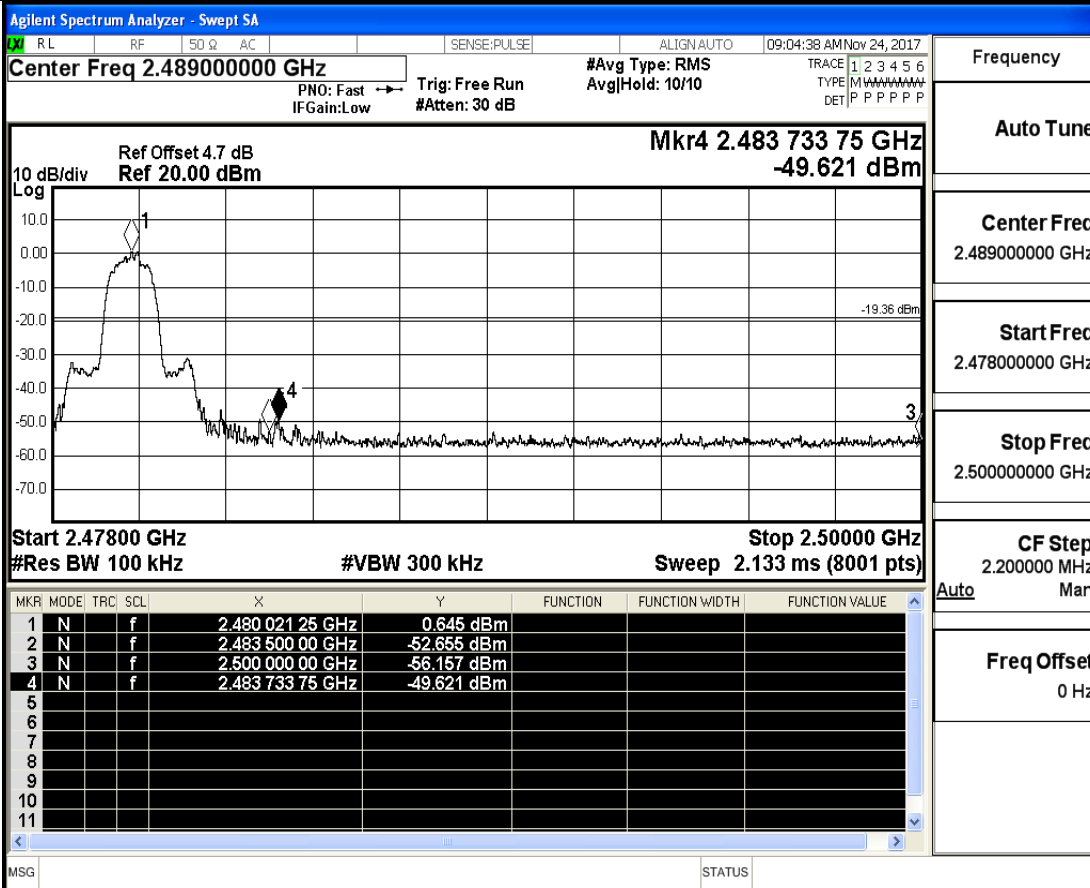
Frequency
Auto Tune
Center Freq 2.35700000 GHz
Start Freq 2.31000000 GHz
Stop Freq 2.40400000 GHz
CF Step 9.400000 MHz Auto Man
Freq Offset 0 Hz

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

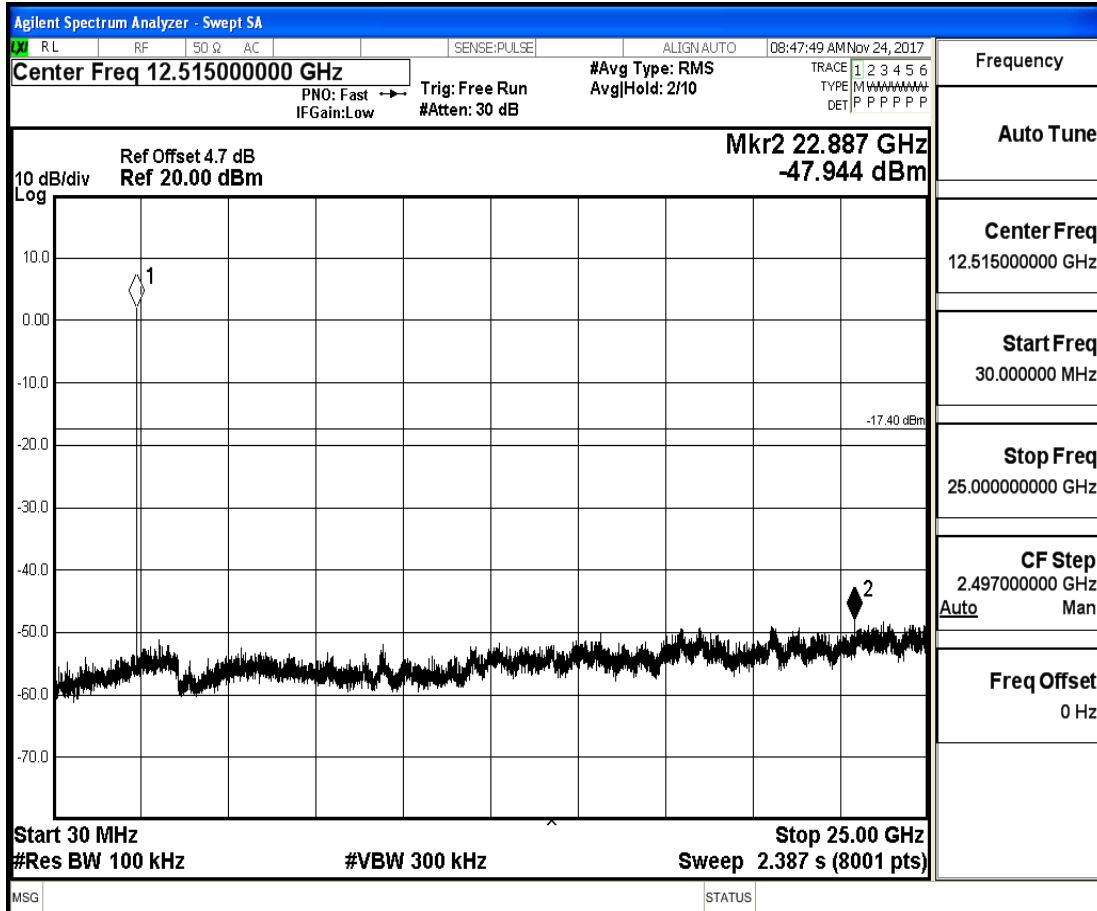
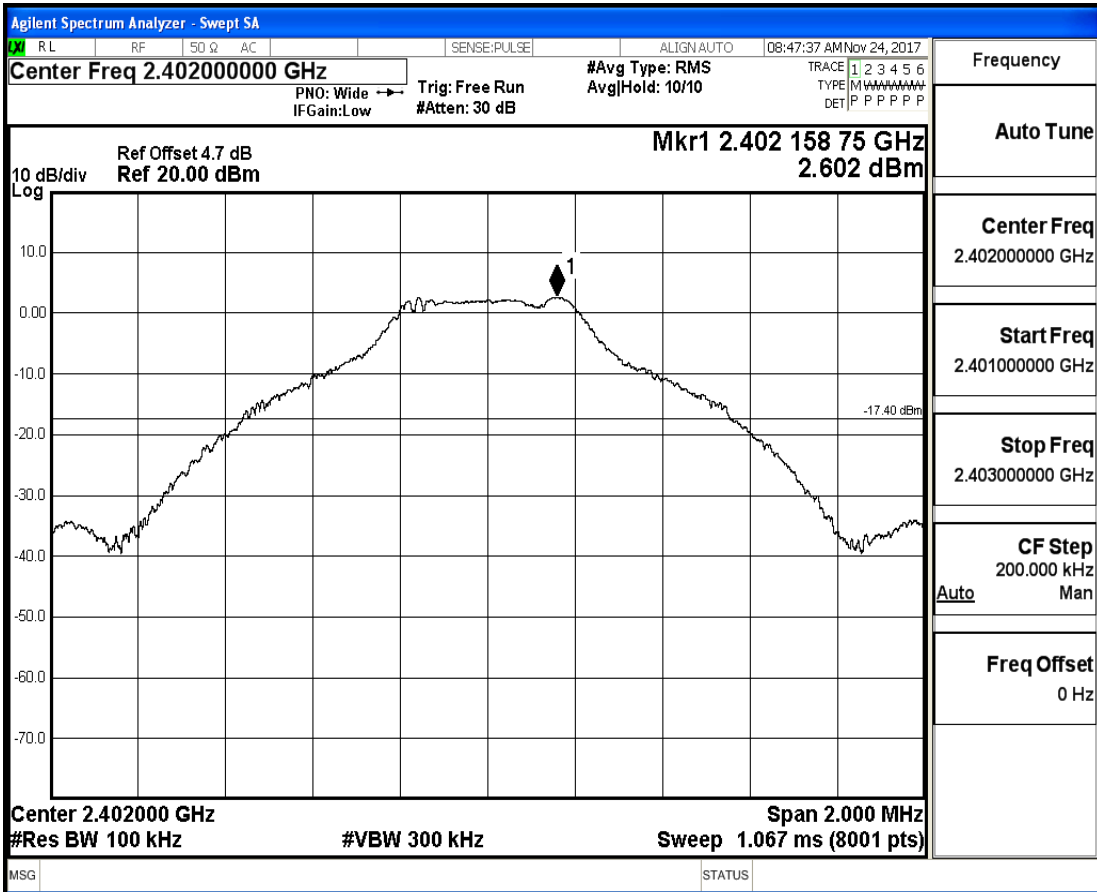


Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Freq Offset	0 Hz

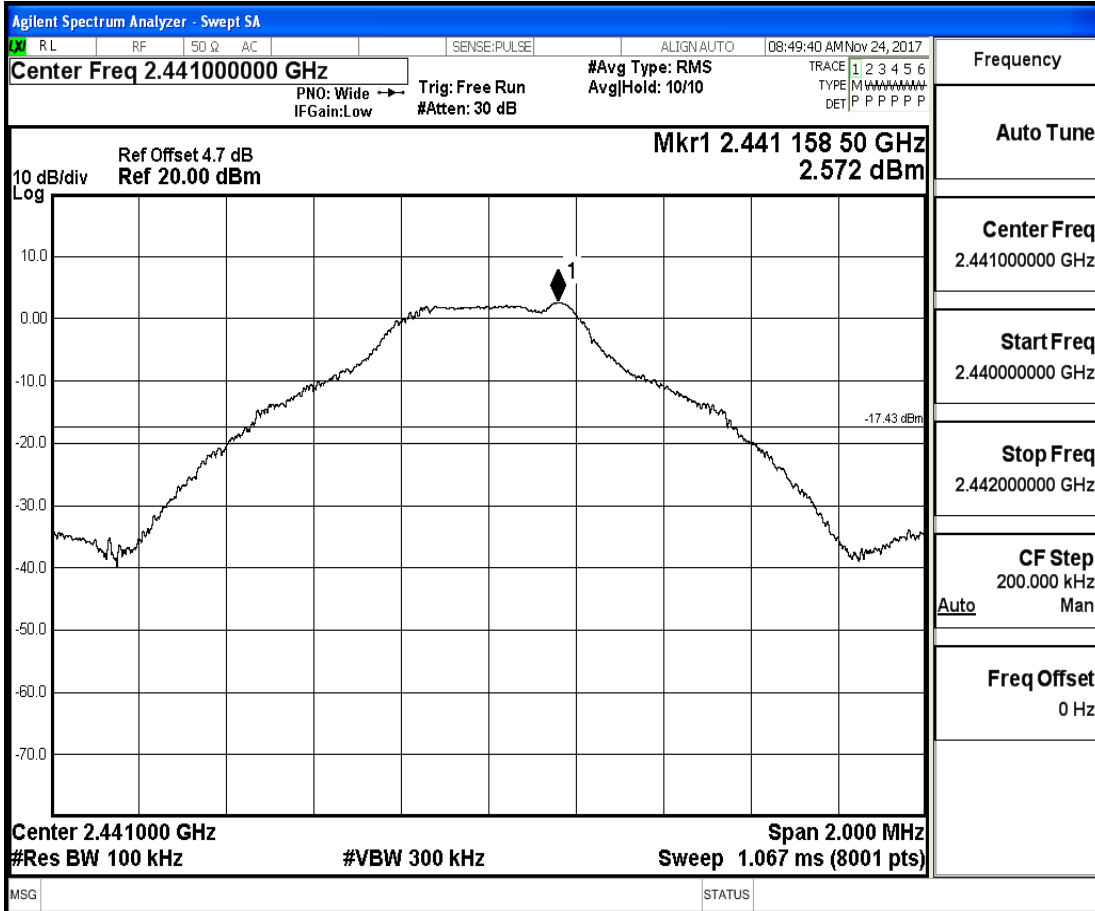
7.RF Conducted Spurious Emissions

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	2.602	-47.944	<-17.398	PASS
DH5	2441	30	25000	100	300	2.572	-47.644	<-17.428	PASS
DH5	2480	30	25000	100	300	2.232	-47.625	<-17.768	PASS
2DH5	2402	30	25000	100	300	0.778	-47.077	<-19.222	PASS
2DH5	2441	30	25000	100	300	0.919	-47.077	<-19.081	PASS
2DH5	2480	30	25000	100	300	0.222	-47.573	<-19.778	PASS
3DH5	2402	30	25000	100	300	0.832	-47.473	<-19.168	PASS
3DH5	2441	30	25000	100	300	1.15	-48.333	<-18.85	PASS
3DH5	2480	30	25000	100	300	0.738	-48.281	<-19.262	PASS

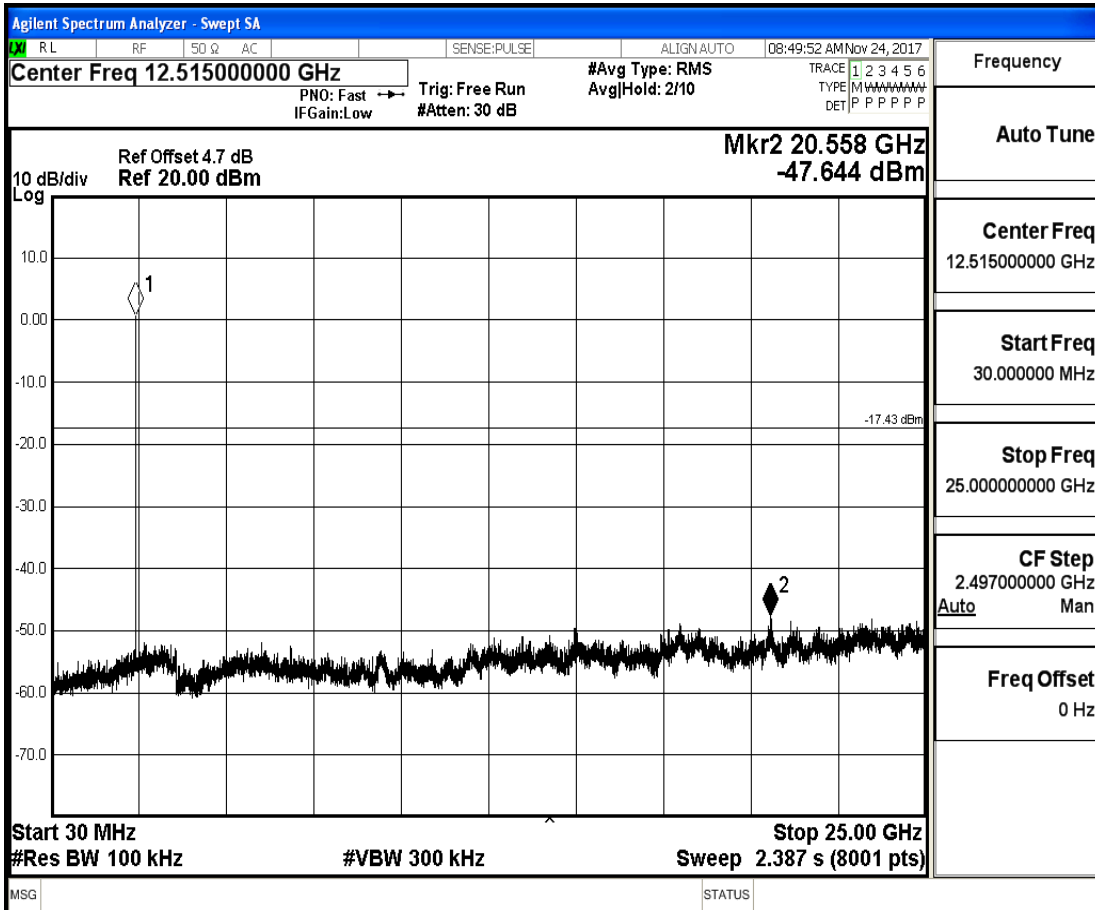
RF Conducted Spurious Emissions_DH5_2402



RF Conducted Spurious Emissions_DH5_2441

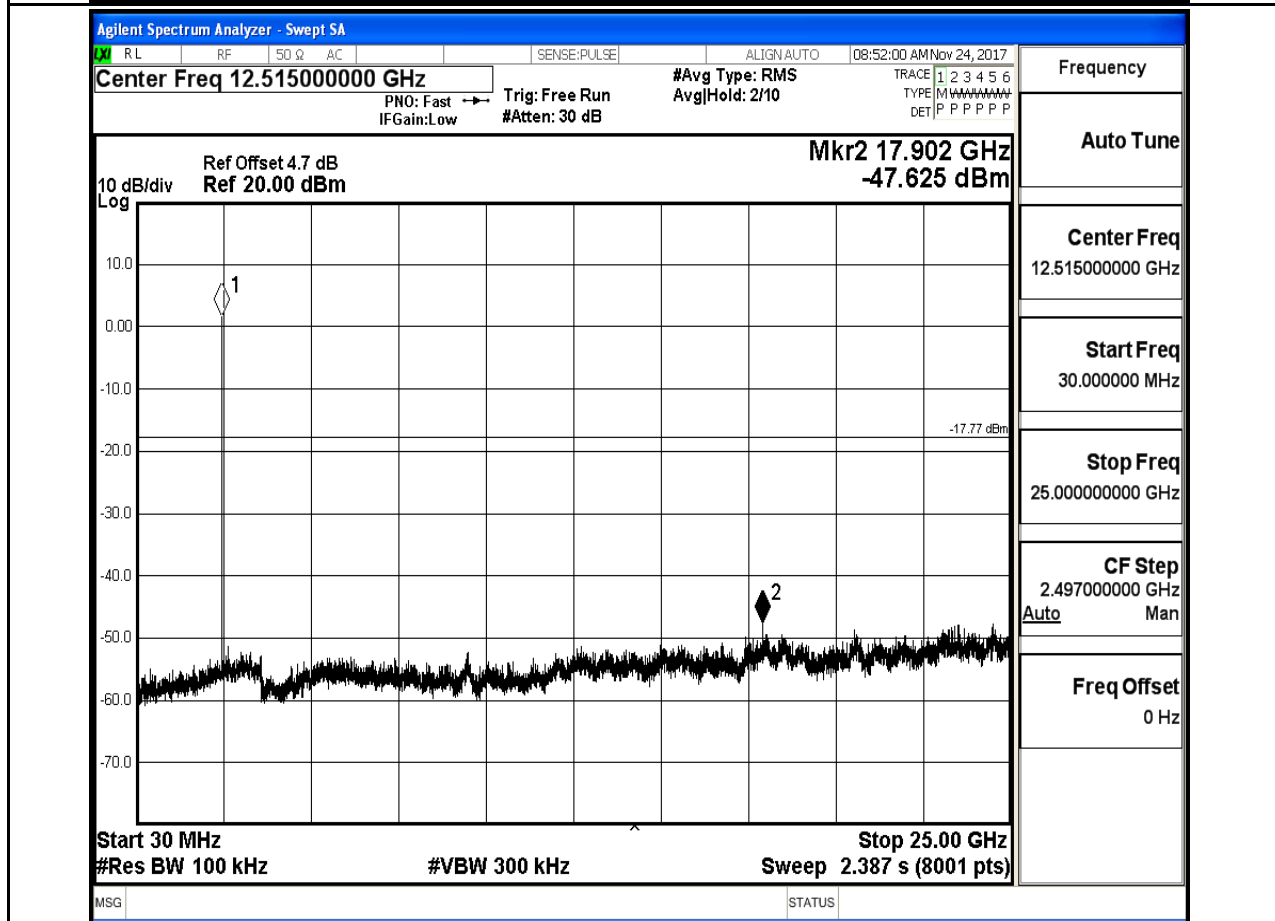
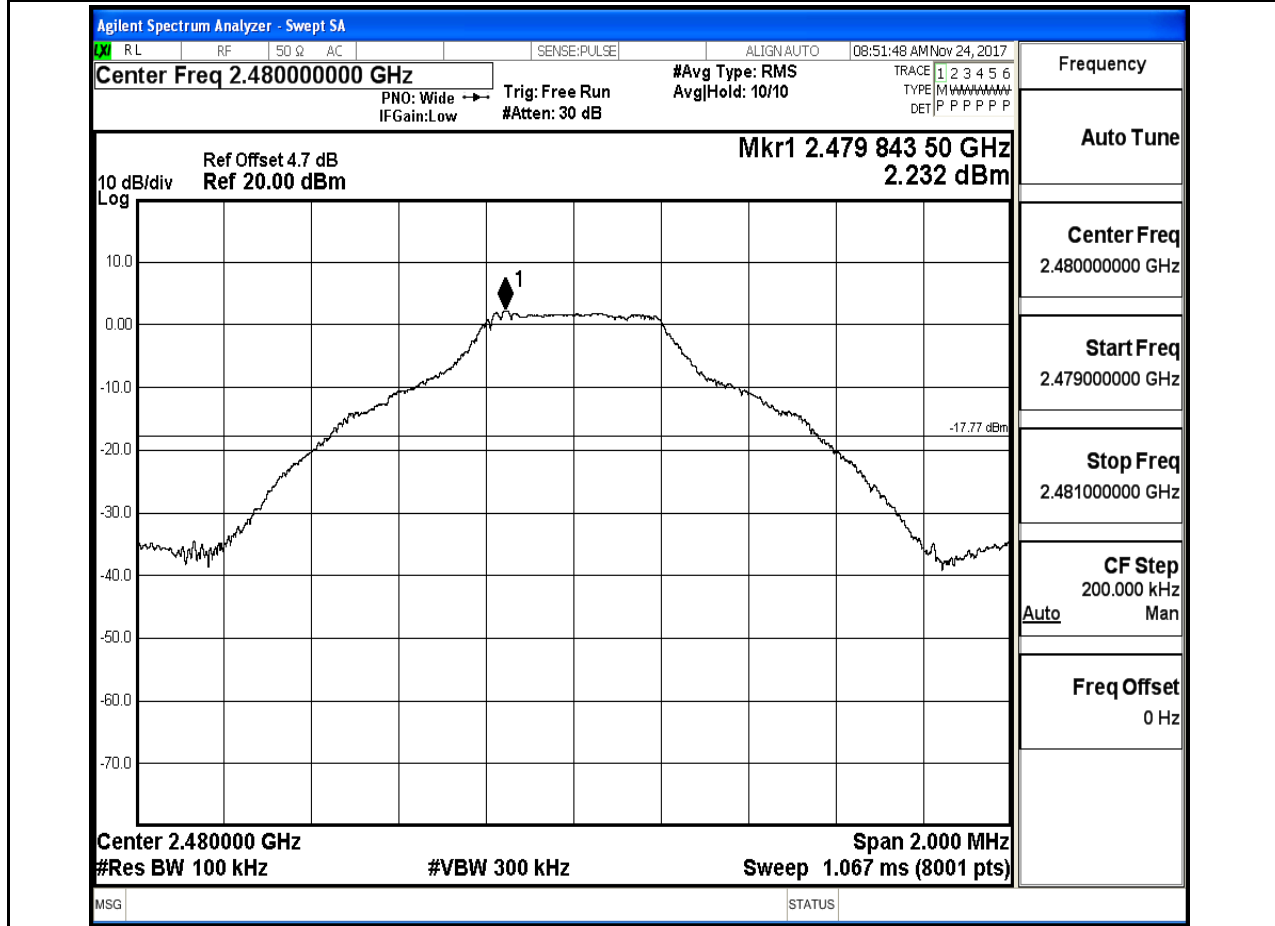


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.440000000 GHz
Stop Freq 2.442000000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

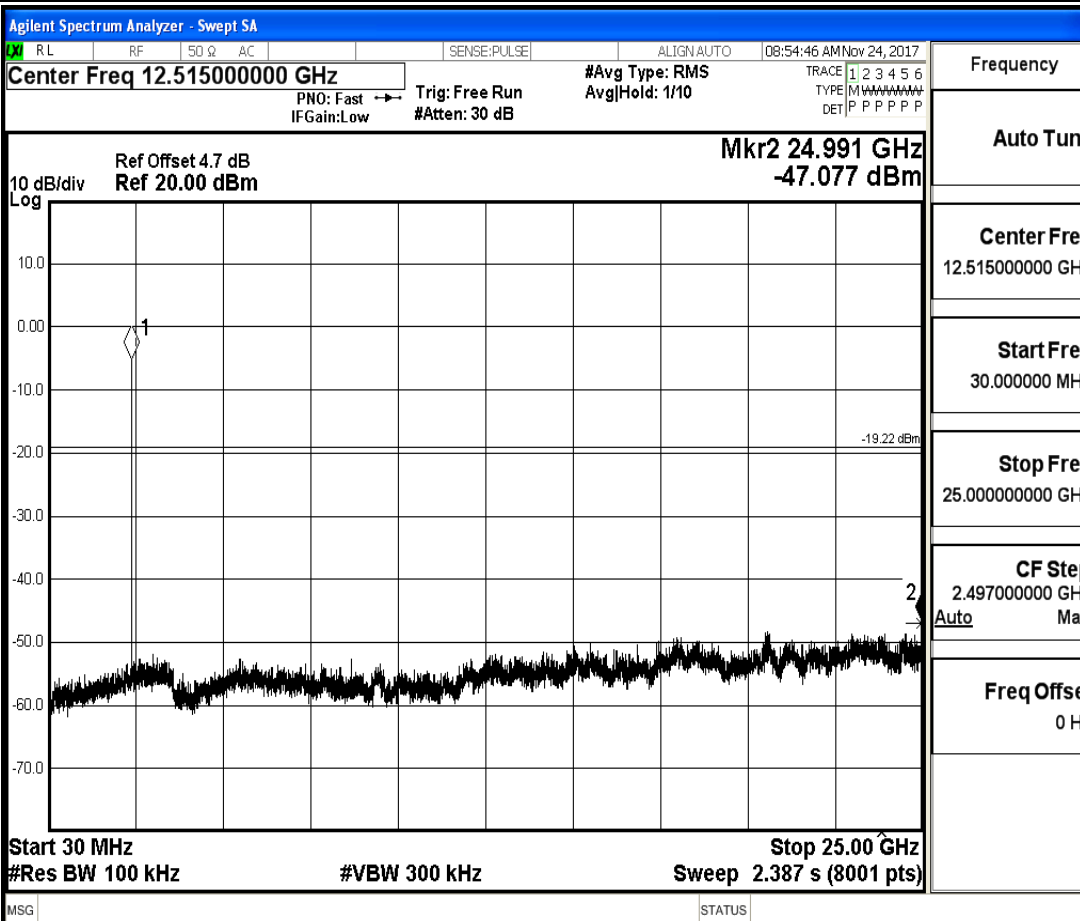
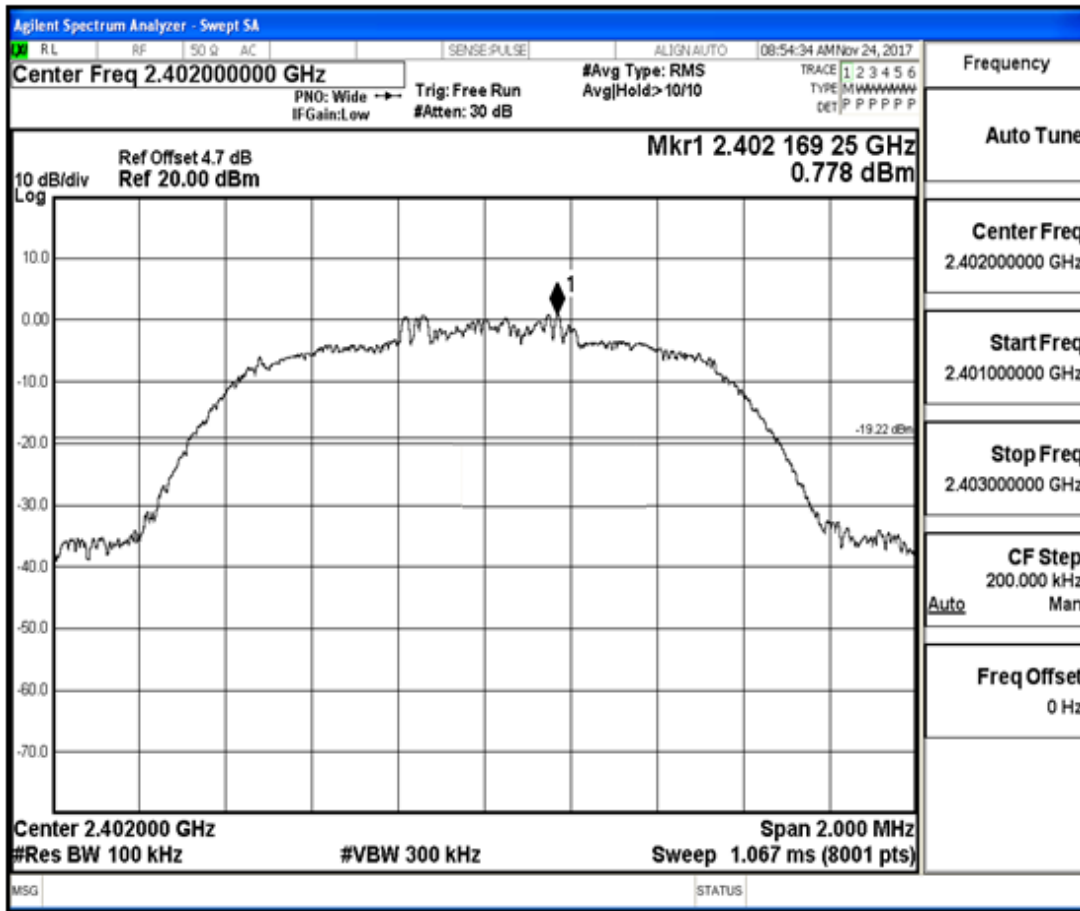


Frequency
Auto Tune
Center Freq 12.515000000 GHz
Start Freq 30.0000000 MHz
Stop Freq 25.000000000 GHz
CF Step 2.497000000 GHz Auto Man
Freq Offset 0 Hz

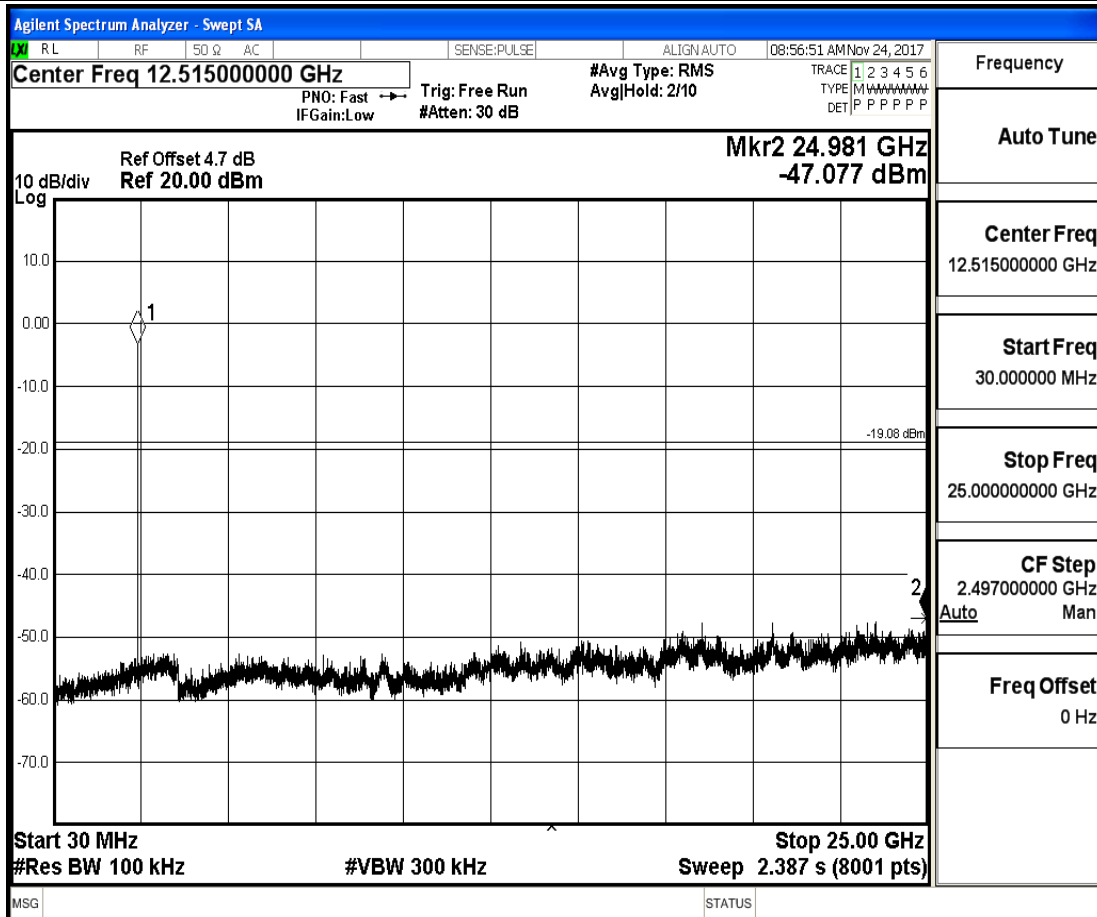
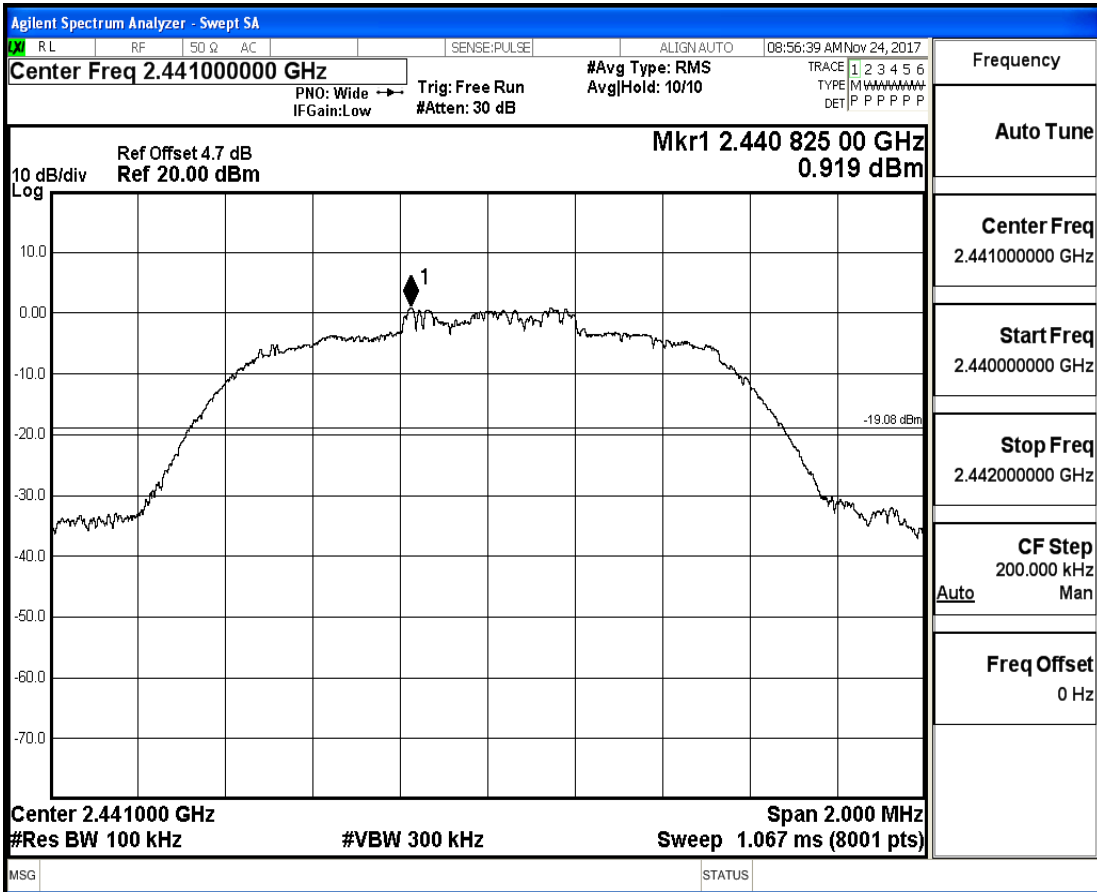
RF Conducted Spurious Emissions_DH5_2480



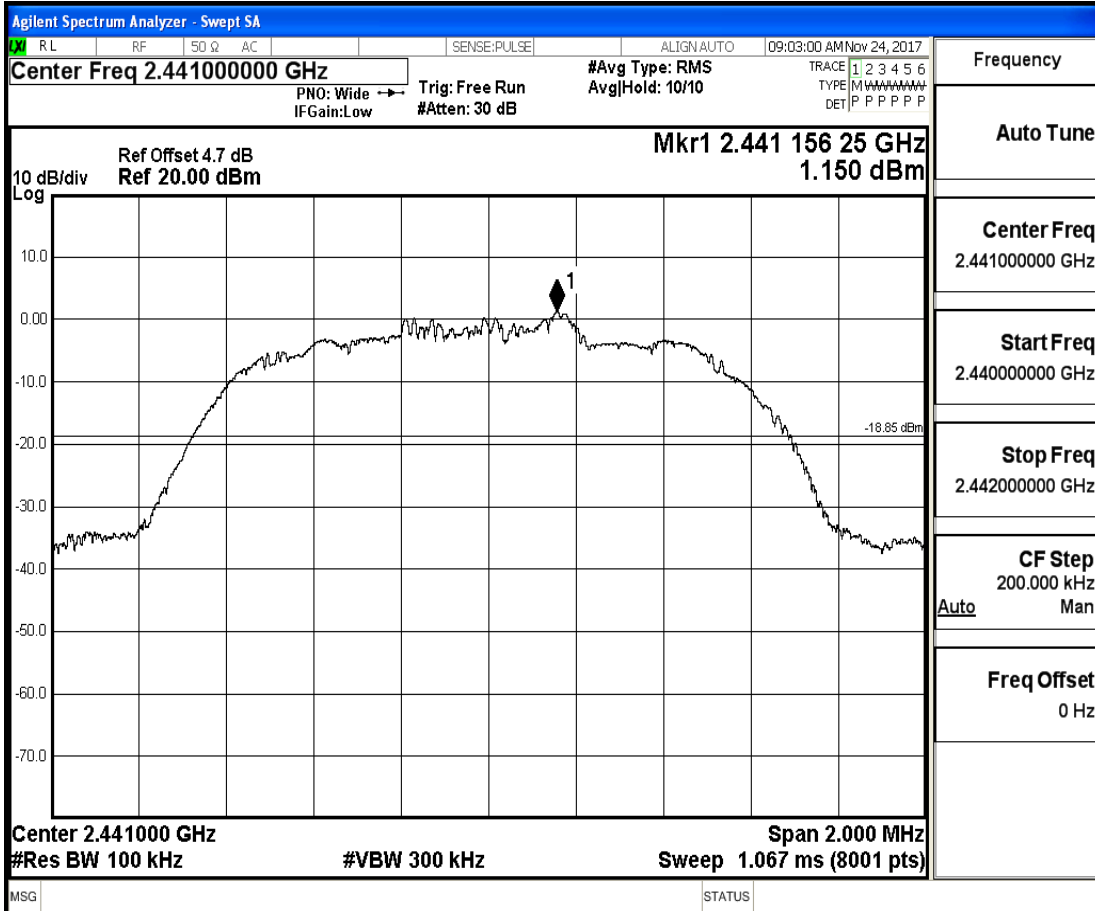
RF Conducted Spurious Emissions_2DH5_2402



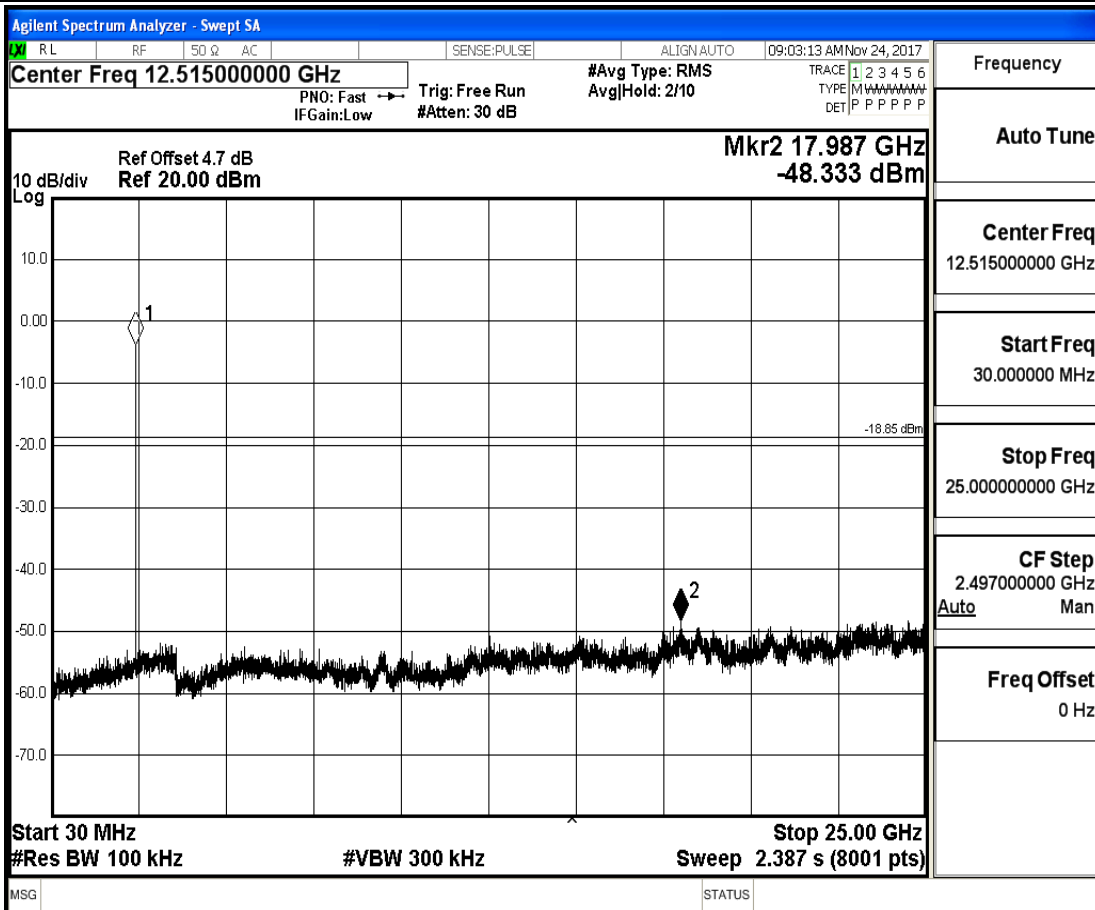
RF Conducted Spurious Emissions_2DH5_2441



RF Conducted Spurious Emissions_3DH5_2441

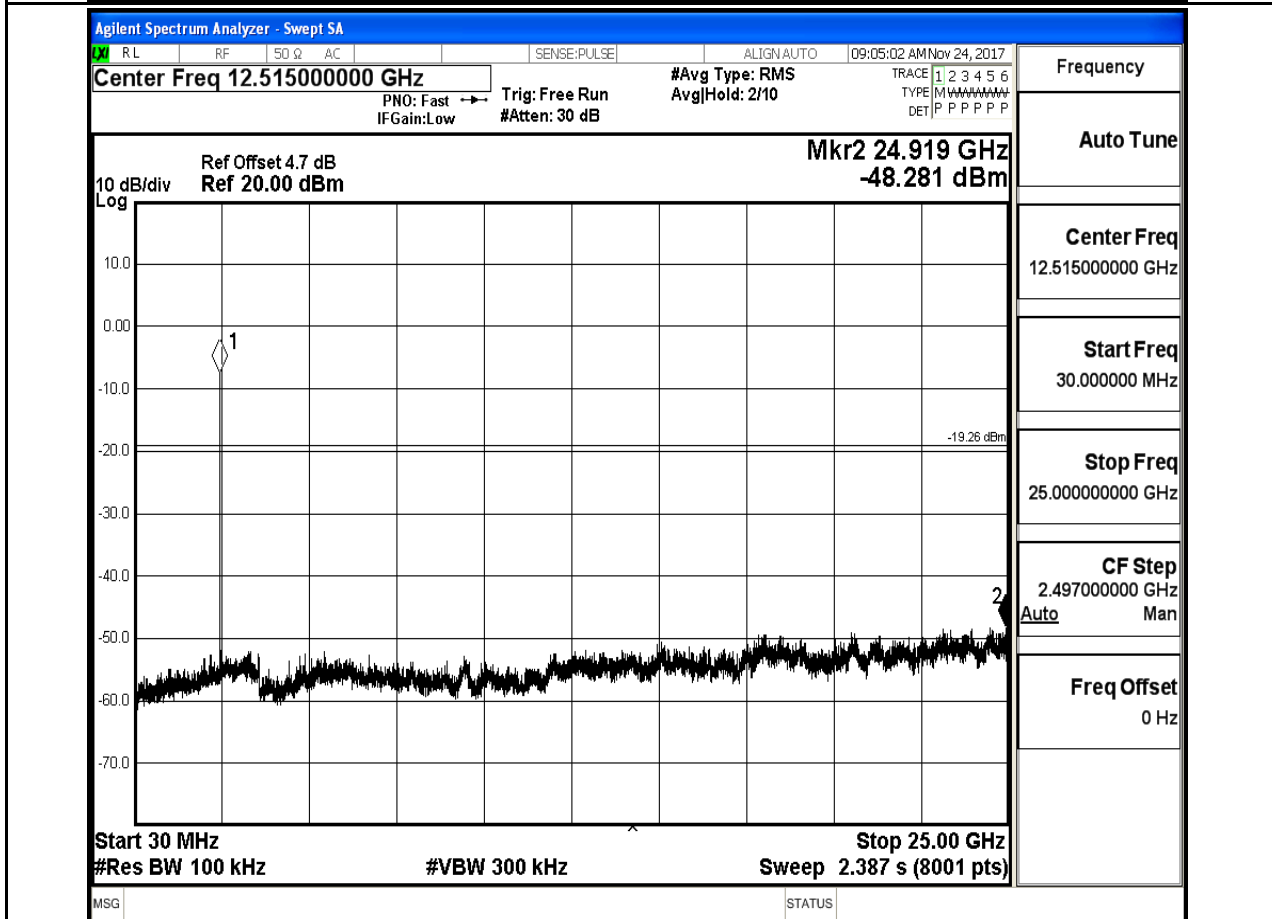
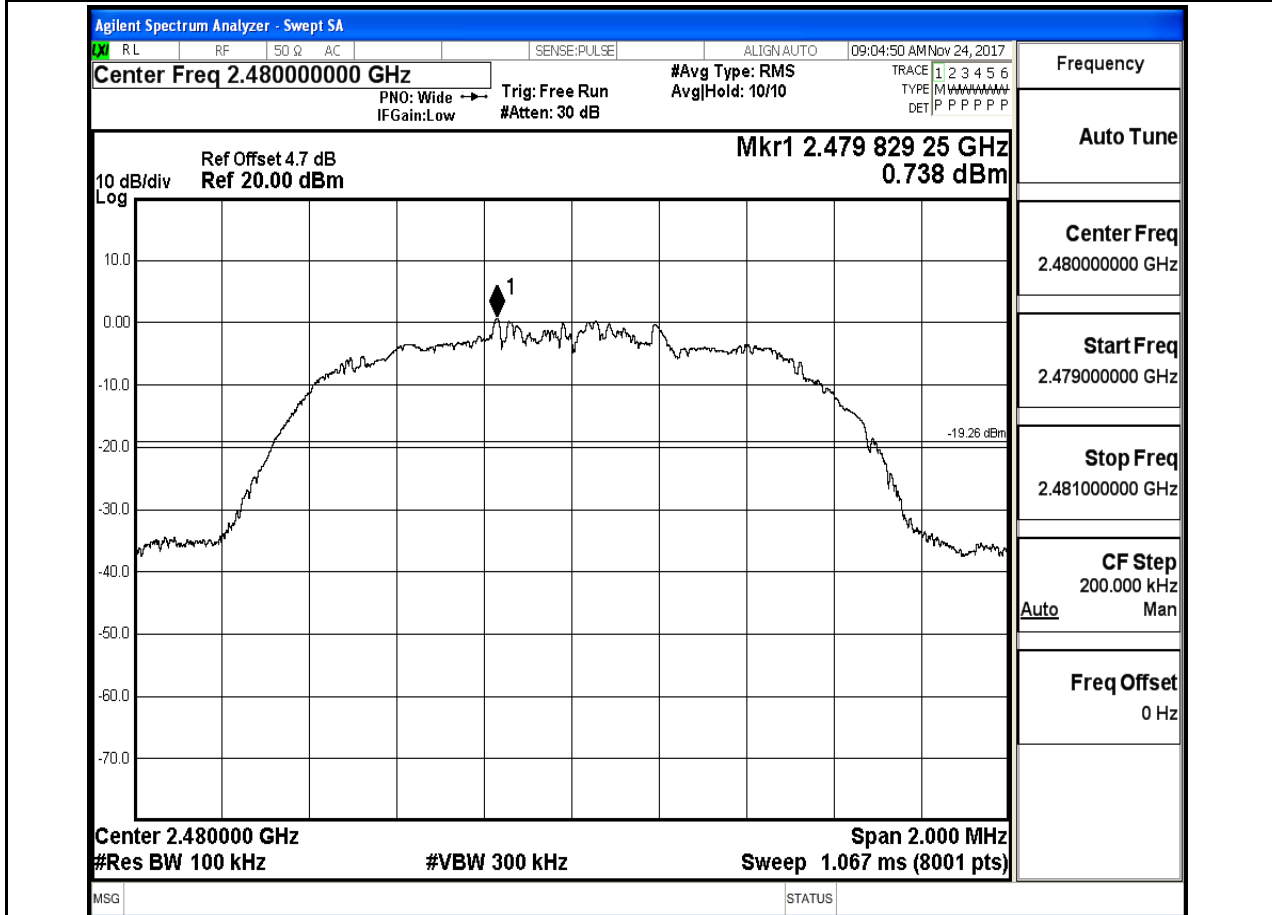


Frequency	
Auto Tune	
Center Freq	2.441000000 GHz
Start Freq	2.440000000 GHz
Stop Freq	2.442000000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz



Frequency	
Auto Tune	
Center Freq	12.515000000 GHz
Start Freq	30.0000000 MHz
Stop Freq	25.000000000 GHz
CF Step	2.497000000 GHz
Auto	Man
Freq Offset	0 Hz

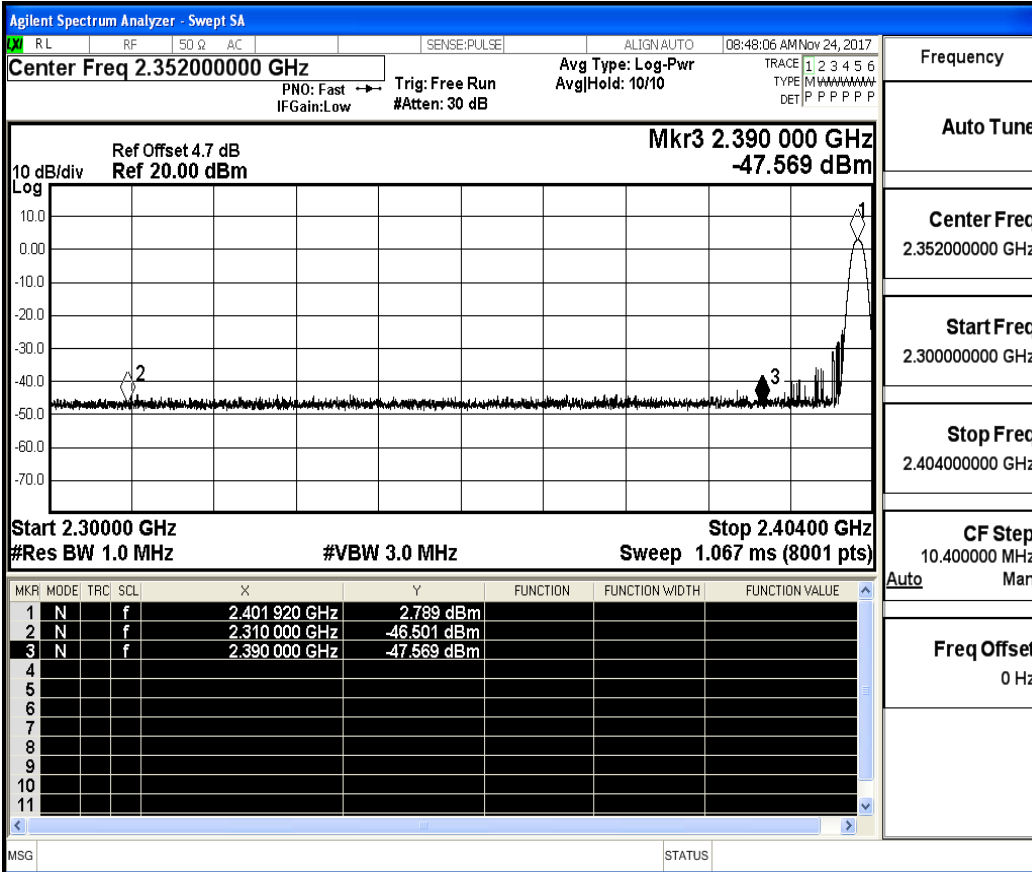
RF Conducted Spurious Emissions_3DH5_2480



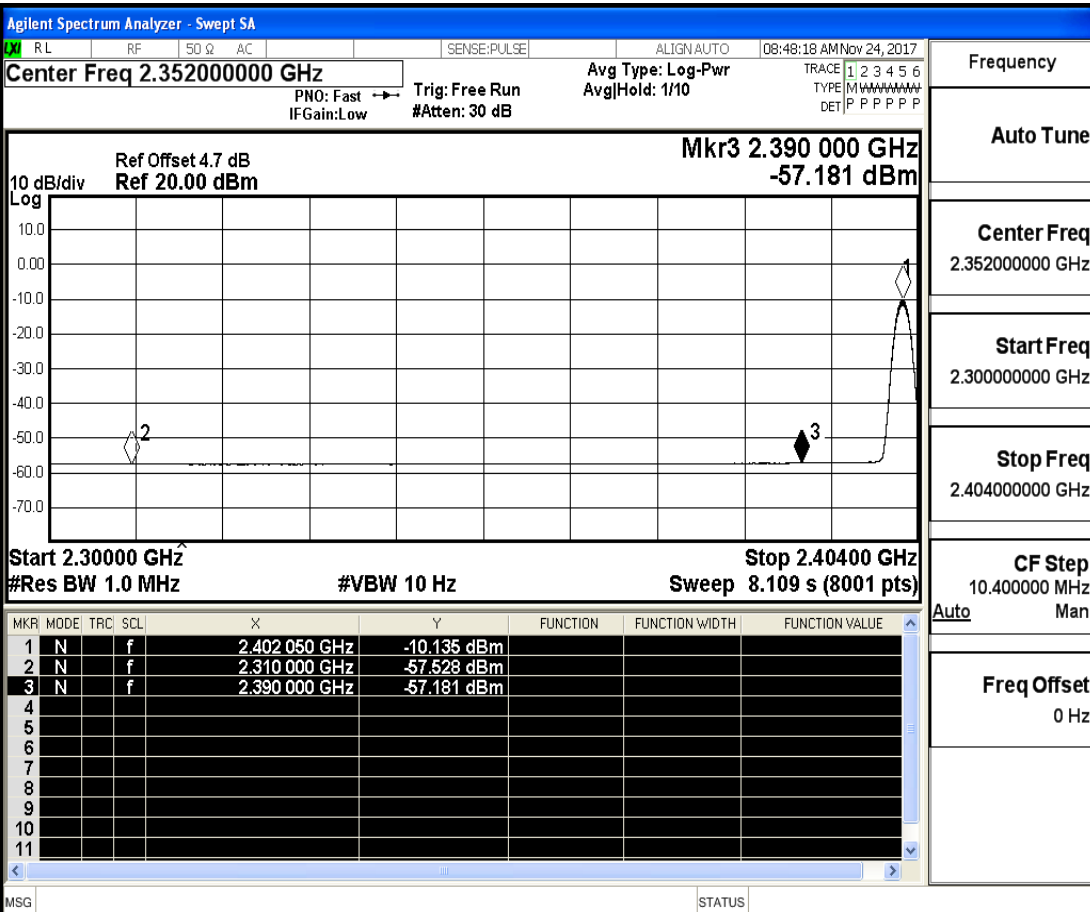
8.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	OFF	2310.0	-46.50	2.00	0	50.76	PEAK	74	PASS
DH5	OFF	2310.0	-57.53	2.00	0	39.73	AV	54	PASS
DH5	OFF	2390.0	-47.57	2.00	0	49.69	PEAK	74	PASS
DH5	OFF	2390.0	-57.18	2.00	0	40.08	AV	54	PASS
DH5	OFF	2483.5	-46.91	2.00	0	50.35	PEAK	74	PASS
DH5	OFF	2483.5	-56.75	2.00	0	40.51	AV	54	PASS
DH5	OFF	2500.0	-47.10	2.00	0	50.16	PEAK	74	PASS
DH5	OFF	2500.0	-56.87	2.00	0	40.39	AV	54	PASS
2DH5	OFF	2310.0	-44.79	2.00	0	52.47	PEAK	74	PASS
2DH5	OFF	2310.0	-57.52	2.00	0	39.74	AV	54	PASS
2DH5	OFF	2390.0	-47.16	2.00	0	50.10	PEAK	74	PASS
2DH5	OFF	2390.0	-57.16	2.00	0	40.10	AV	54	PASS
2DH5	OFF	2483.5	-46.26	2.00	0	51.00	PEAK	74	PASS
2DH5	OFF	2483.5	-56.60	2.00	0	40.66	AV	54	PASS
2DH5	OFF	2500.0	-47.63	2.00	0	49.63	PEAK	74	PASS
2DH5	OFF	2500.0	-56.89	2.00	0	40.37	AV	54	PASS
3DH5	OFF	2310.0	-46.51	2.00	0	50.74	PEAK	74	PASS
3DH5	OFF	2310.0	-57.51	2.00	0	39.75	AV	54	PASS
3DH5	OFF	2390.0	-45.33	2.00	0	51.92	PEAK	74	PASS
3DH5	OFF	2390.0	-57.18	2.00	0	40.08	AV	54	PASS
3DH5	OFF	2483.5	-49.83	2.00	0	47.43	PEAK	74	PASS
3DH5	OFF	2483.5	-58.65	2.00	0	38.61	AV	54	PASS
3DH5	OFF	2500.0	-47.65	2.00	0	49.61	PEAK	74	PASS
3DH5	OFF	2500.0	-58.99	2.00	0	38.26	AV	54	PASS

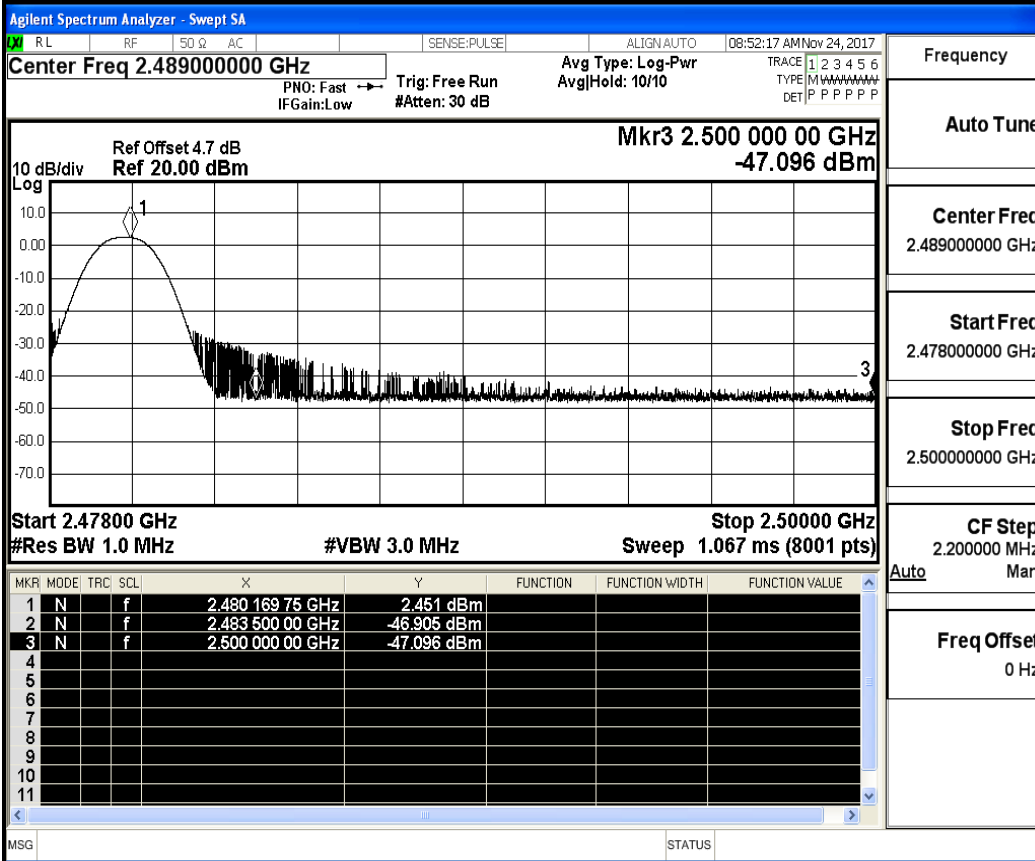
Restrict-band band-edge measurements_2402_PEAK



Restrict-band band-edge measurements_2402_AV

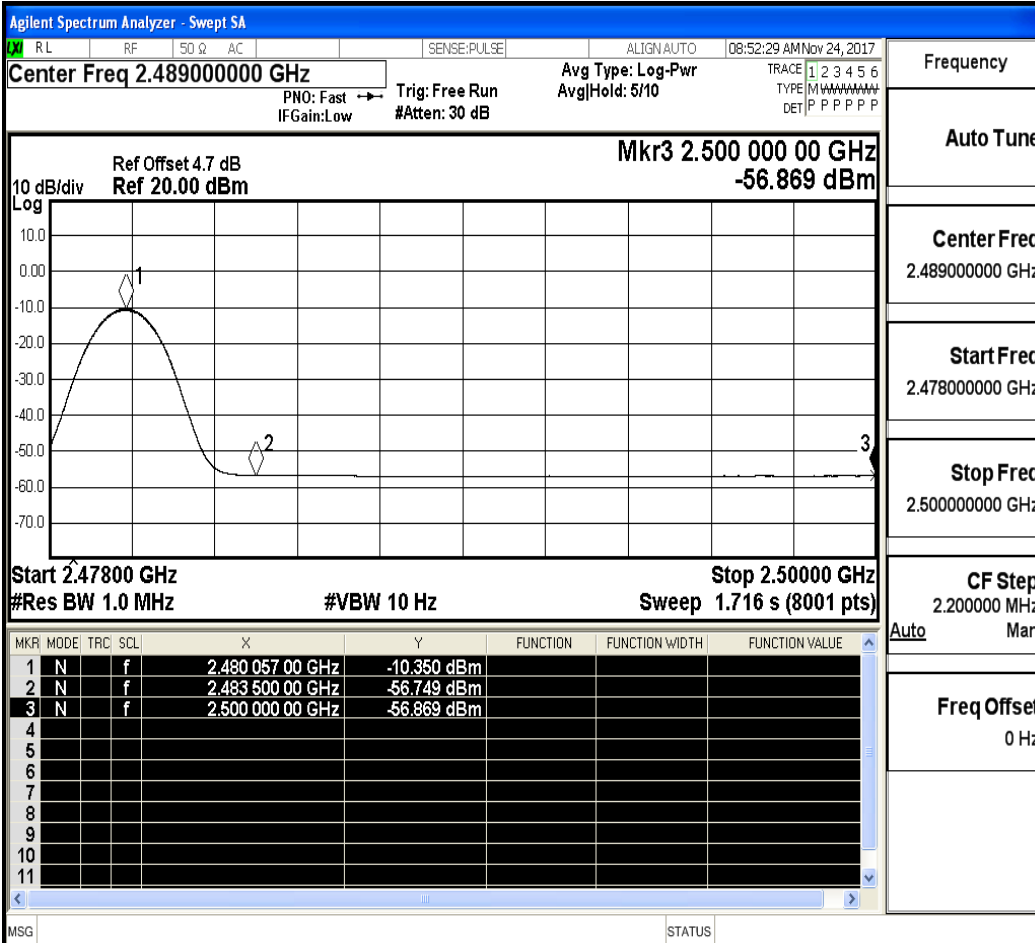


Restrict-band band-edge measurements_2480_PEAK



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

Restrict-band band-edge measurements_2480_AV



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

Restrict-band band-edge measurements_2402_PEAK

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.35700000 GHz Avg Type: Log-Pwr AvglHold: 10/10

Ref Offset 4.7 dB Ref 20.00 dBm Mkr3 2.390 000 GHz -47.155 dBm

Start 2.31000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 2.40400 GHz Sweep 1.067 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.402 085 GHz	1.555 dBm			
2	N	f		2.310 000 GHz	-44.787 dBm			
3	N	f		2.390 000 GHz	-47.155 dBm			

Frequency: 2.35700000 GHz

Auto Tune

Center Freq: 2.35700000 GHz

Start Freq: 2.31000000 GHz

Stop Freq: 2.40400000 GHz

CF Step: 9.400000 MHz

Freq Offset: 0 Hz

Restrict-band band-edge measurements_2402_AV

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.35700000 GHz Avg Type: Log-Pwr AvglHold: 1/10

Ref Offset 4.7 dB Ref 20.00 dBm Mkr3 2.390 000 GHz -57.160 dBm

Start 2.31000 GHz #Res BW 1.0 MHz #VBW 10 Hz Stop 2.40400 GHz Sweep 7.330 s (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.402 014 GHz	-13.460 dBm			
2	N	f		2.310 000 GHz	-57.516 dBm			
3	N	f		2.390 000 GHz	-57.160 dBm			

Frequency: 2.35700000 GHz

Auto Tune

Center Freq: 2.35700000 GHz

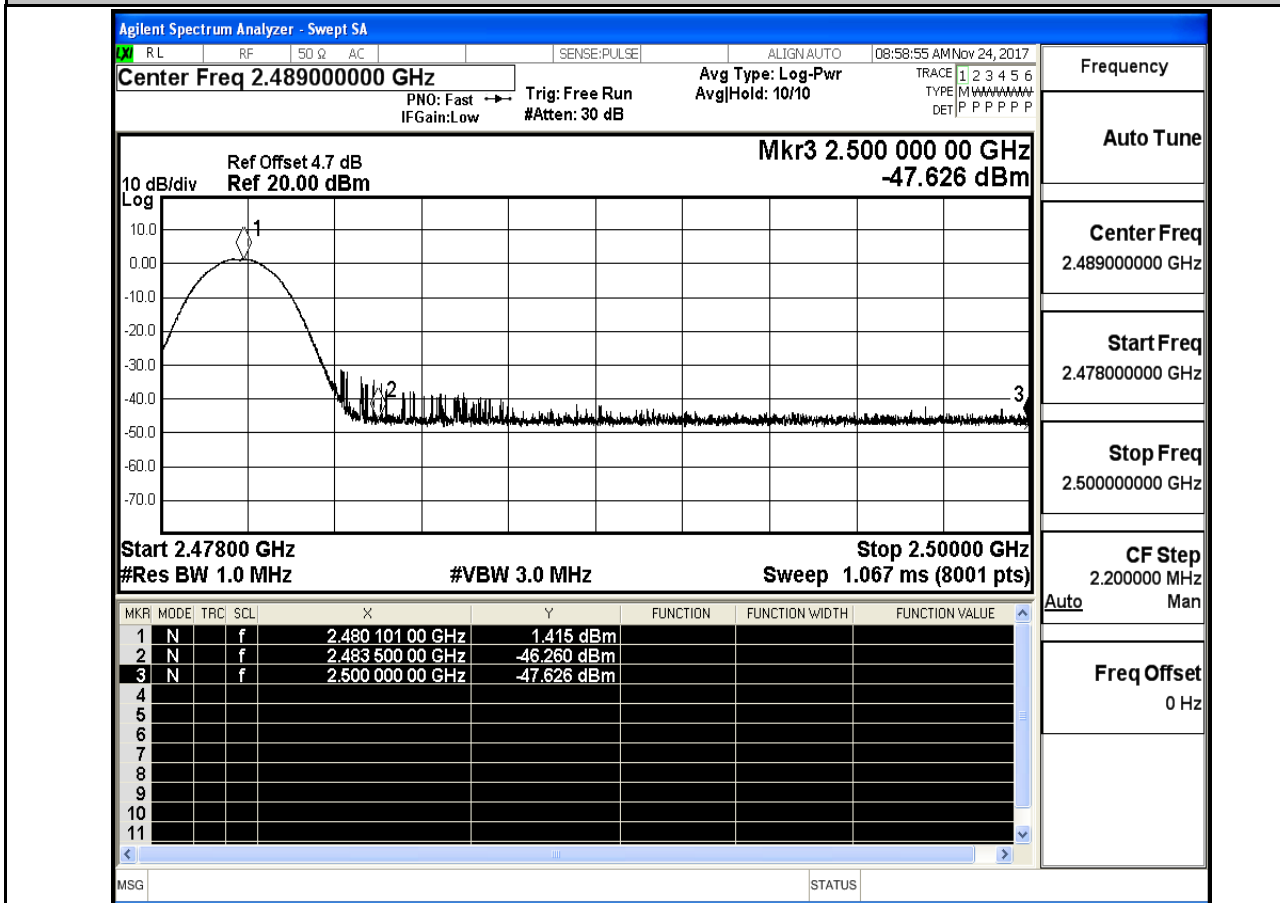
Start Freq: 2.31000000 GHz

Stop Freq: 2.40400000 GHz

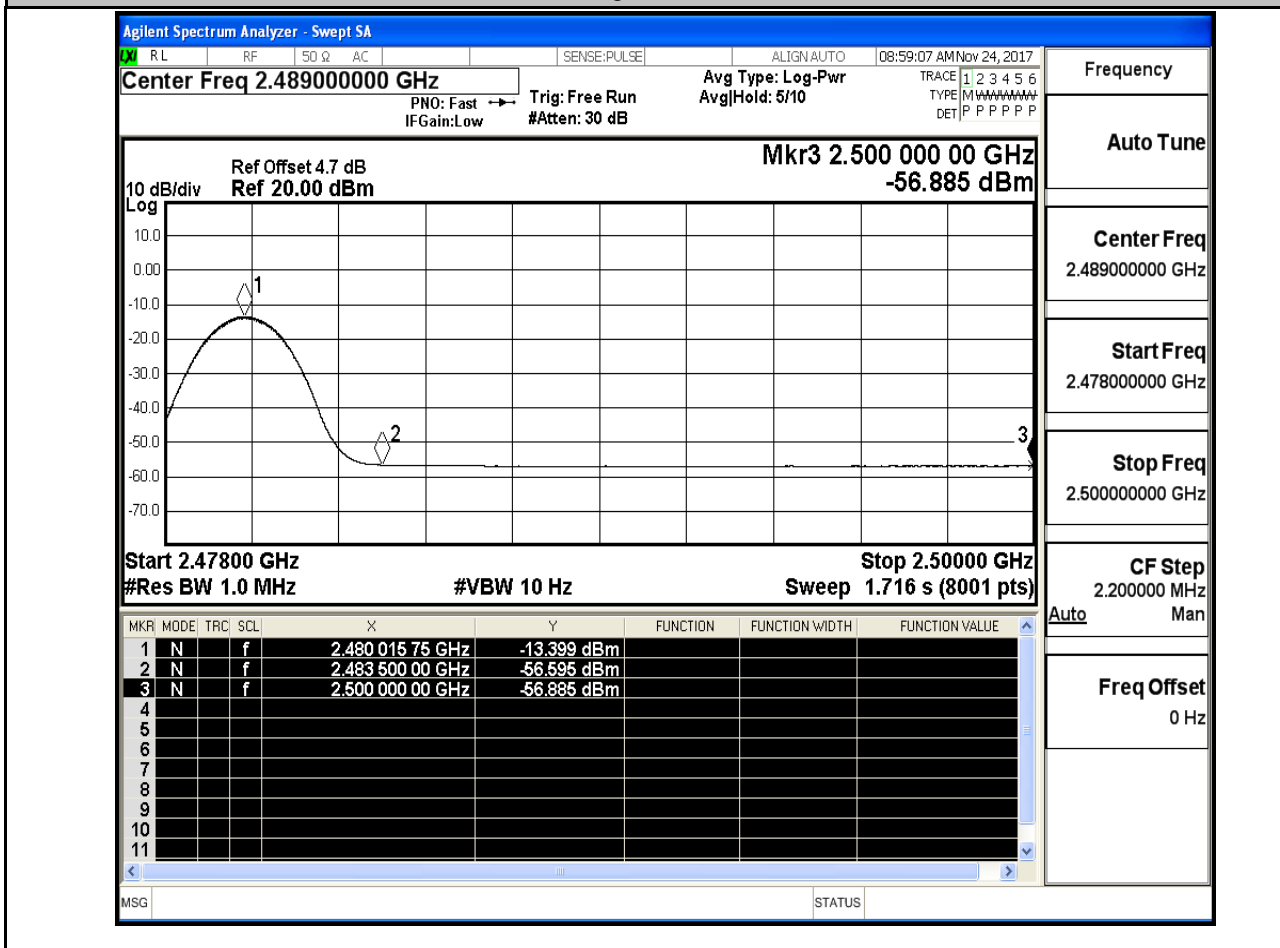
CF Step: 9.400000 MHz

Freq Offset: 0 Hz

Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV



Restrict-band band-edge measurements_2402_PEAK

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 09:01:27 AM Nov 24, 2017

Center Freq 2.357000000 GHz
Trig: Free Run Avg Type: Log-Pwr AvglHold: 10/10

PNO: Fast → IFGain: Low
#Atten: 30 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET P P P P P P P

Ref Offset 4.7 dB Ref 20.00 dBm
Mkr3 2.390 000 GHz
-45.334 dBm

Start 2.31000 GHz #Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 2.40400 GHz Sweep 1.067 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.402 003 GHz	1.700 dBm			
2	N	f		2.310 000 GHz	-46.514 dBm			
3	N	f		2.390 000 GHz	-45.334 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG
STATUS

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

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 09:01:39 AM Nov 24, 2017

Center Freq 2.357000000 GHz
Trig: Free Run Avg Type: Log-Pwr AvglHold: 1/10

PNO: Fast → IFGain: Low
#Atten: 30 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W
DET P P P P P P P

Ref Offset 4.7 dB Ref 20.00 dBm
Mkr3 2.390 000 GHz
-57.178 dBm

Start 2.31000 GHz #Res BW 1.0 MHz
#VBW 10 Hz
Stop 2.40400 GHz Sweep 7.330 s (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.402 061 GHz	-13.493 dBm			
2	N	f		2.310 000 GHz	-57.507 dBm			
3	N	f		2.390 000 GHz	-57.178 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG
STATUS

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

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 08:13:06 AM Nov 24, 2017

Center Freq 2.489000000 GHz
PNO: Fast Trig: Free Run Avg Type: Log-Pwr TRACE 1 2 3 4 5 6
IFGain:Low #Atten: 30 dB AvgHold: 10/10 TYPE M W W W W W W W
DET P P P P P P P

Ref Offset 2.7 dB
Ref 20.00 dBm
Mkr3 2.500 000 00 GHz
-47.648 dBm

Start 2.47800 GHz #Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 2.50000 GHz Sweep 1.067 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.480 037 75 GHz	-0.492 dBm			
2	N	f		2.483 500 00 GHz	-49.828 dBm			
3	N	f		2.500 000 00 GHz	-47.648 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG
STATUS

Restrict-band band-edge measurements_2480_AV

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 08:13:18 AM Nov 24, 2017

Center Freq 2.489000000 GHz
PNO: Fast Trig: Free Run Avg Type: Log-Pwr TRACE 1 2 3 4 5 6
IFGain:Low #Atten: 30 dB AvgHold: 5/10 TYPE M W W W W W W W
DET P P P P P P P

Ref Offset 2.7 dB
Ref 20.00 dBm
Mkr3 2.500 000 00 GHz
-58.993 dBm

Start 2.47800 GHz #Res BW 1.0 MHz
#VBW 10 Hz
Stop 2.50000 GHz Sweep 1.716 s (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.480 062 50 GHz	-15.424 dBm			
2	N	f		2.483 500 00 GHz	-58.652 dBm			
3	N	f		2.500 000 00 GHz	-58.993 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG
STATUS

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