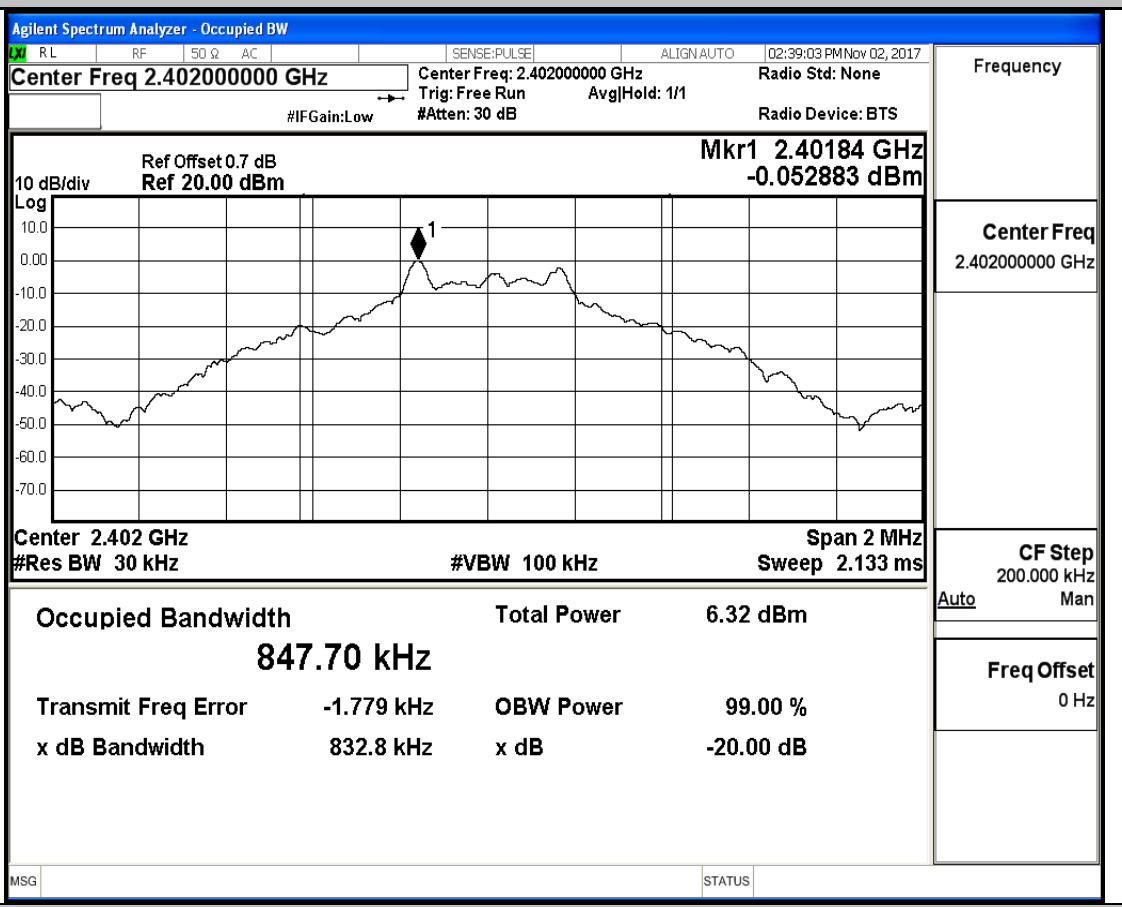
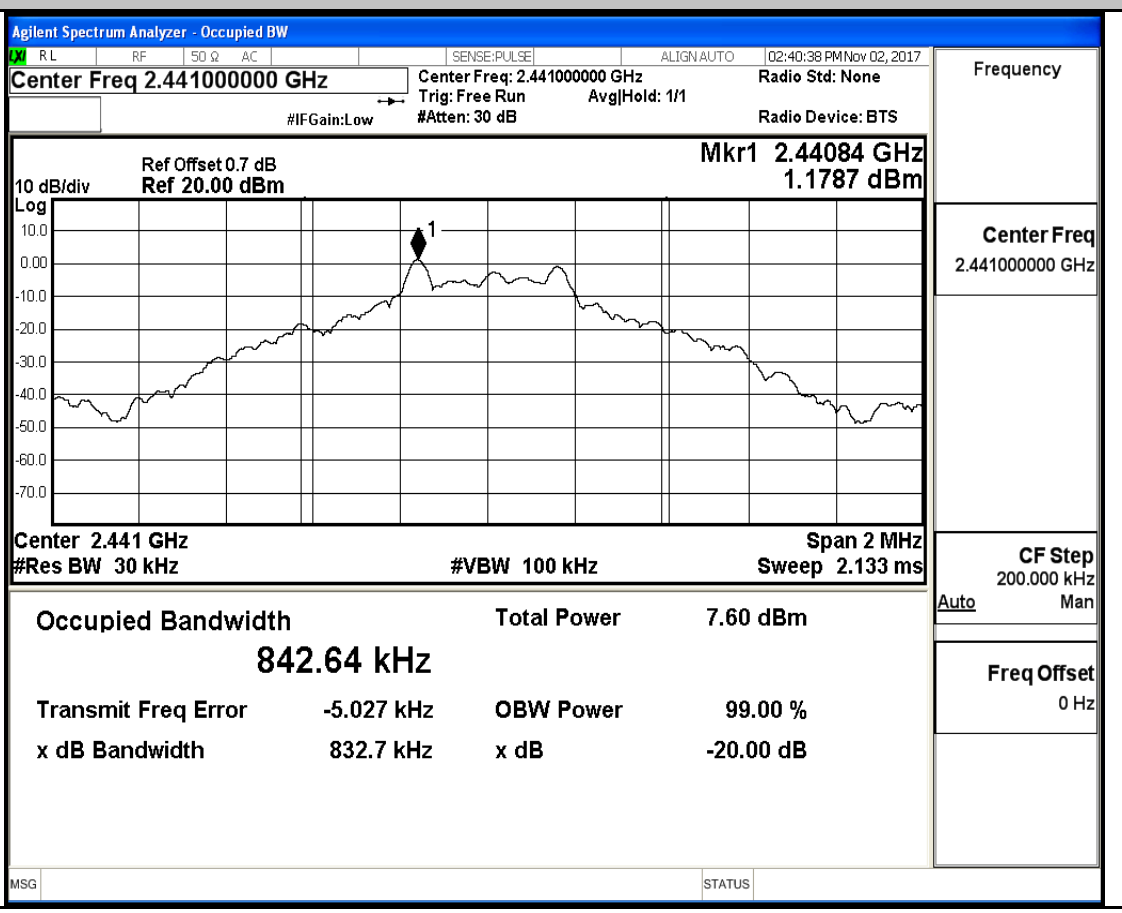
1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	0.8328	/	PASS
DH5	2441	0.8327	/	PASS
DH5	2480	0.8314	/	PASS
2DH5	2402	1.136	/	PASS
2DH5	2441	1.120	/	PASS
2DH5	2480	1.127	/	PASS
3DH5	2402	1.140	/	PASS
3DH5	2441	1.116	/	PASS
3DH5	2480	1.126	/	PASS

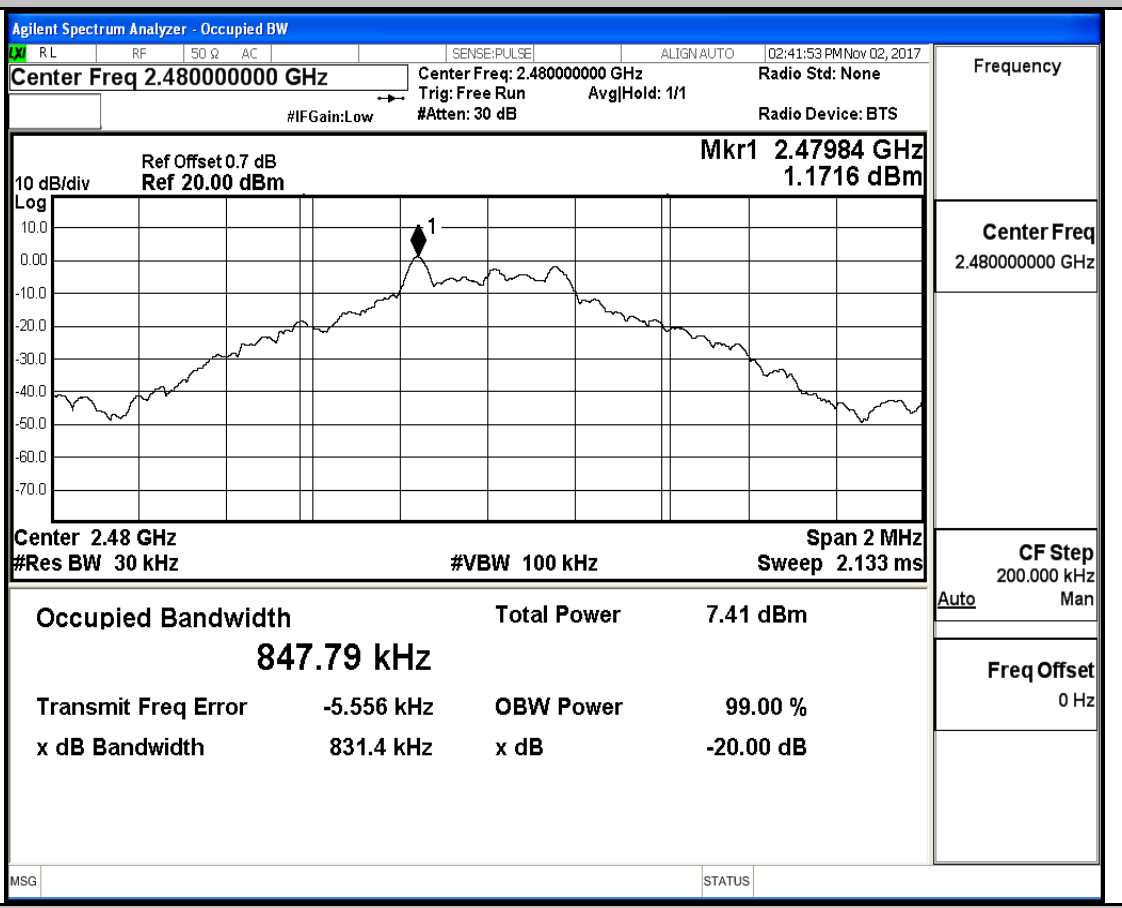
20 dB Bandwidth_DH5_2402



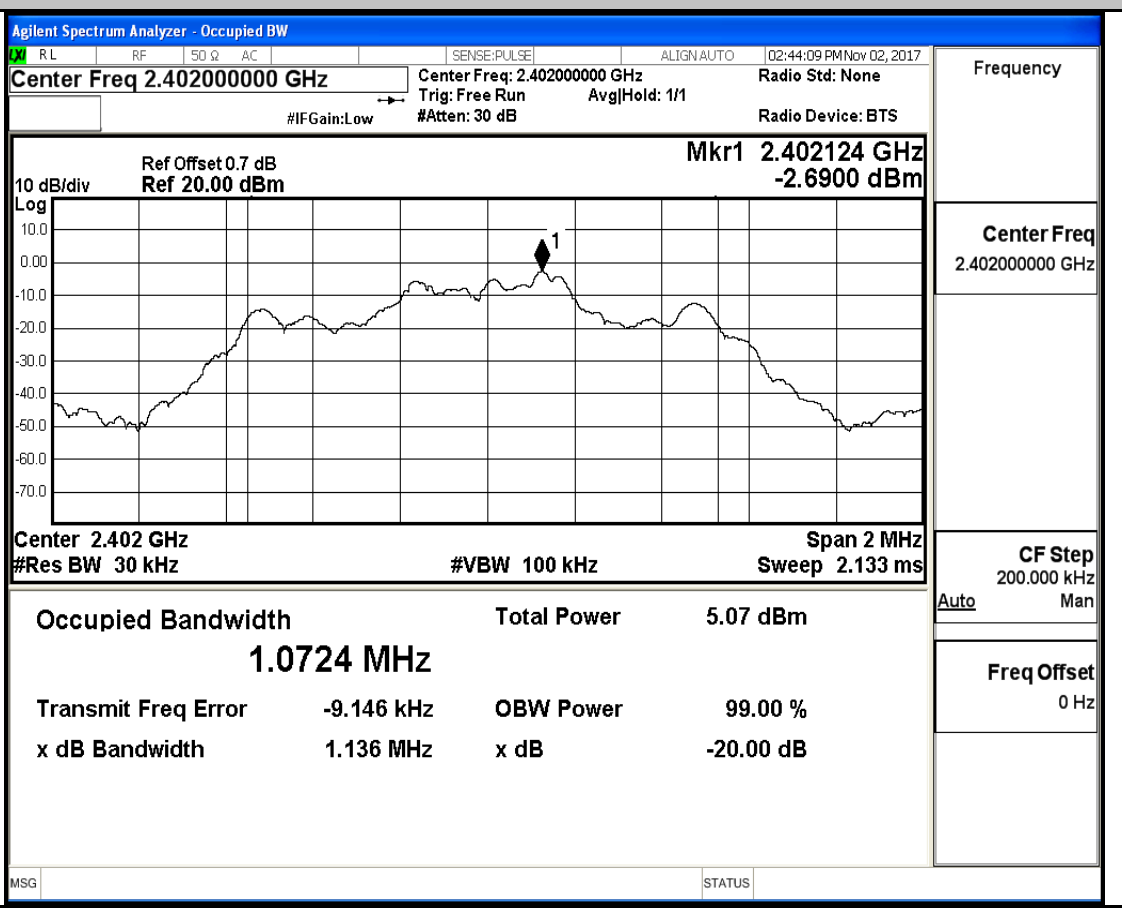
20 dB Bandwidth_DH5_2441



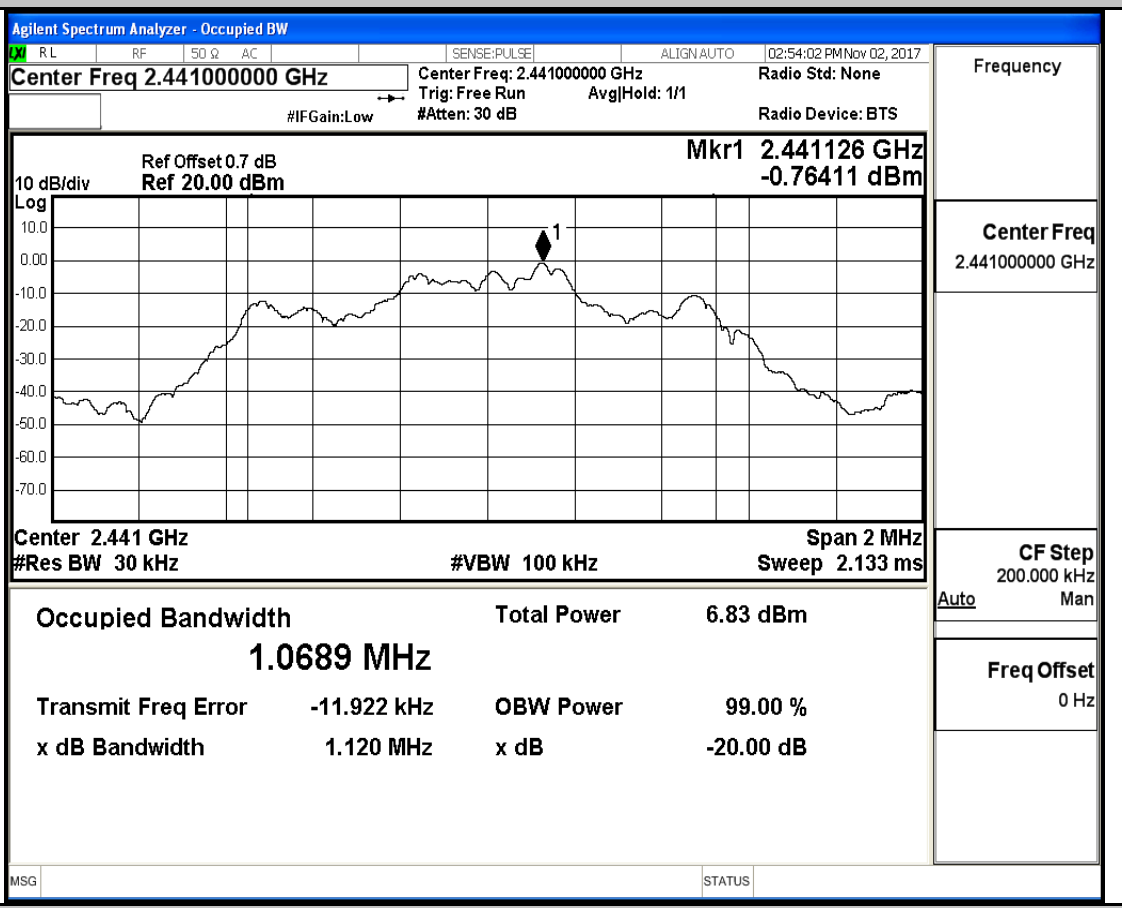
20 dB Bandwidth_DH5_2480



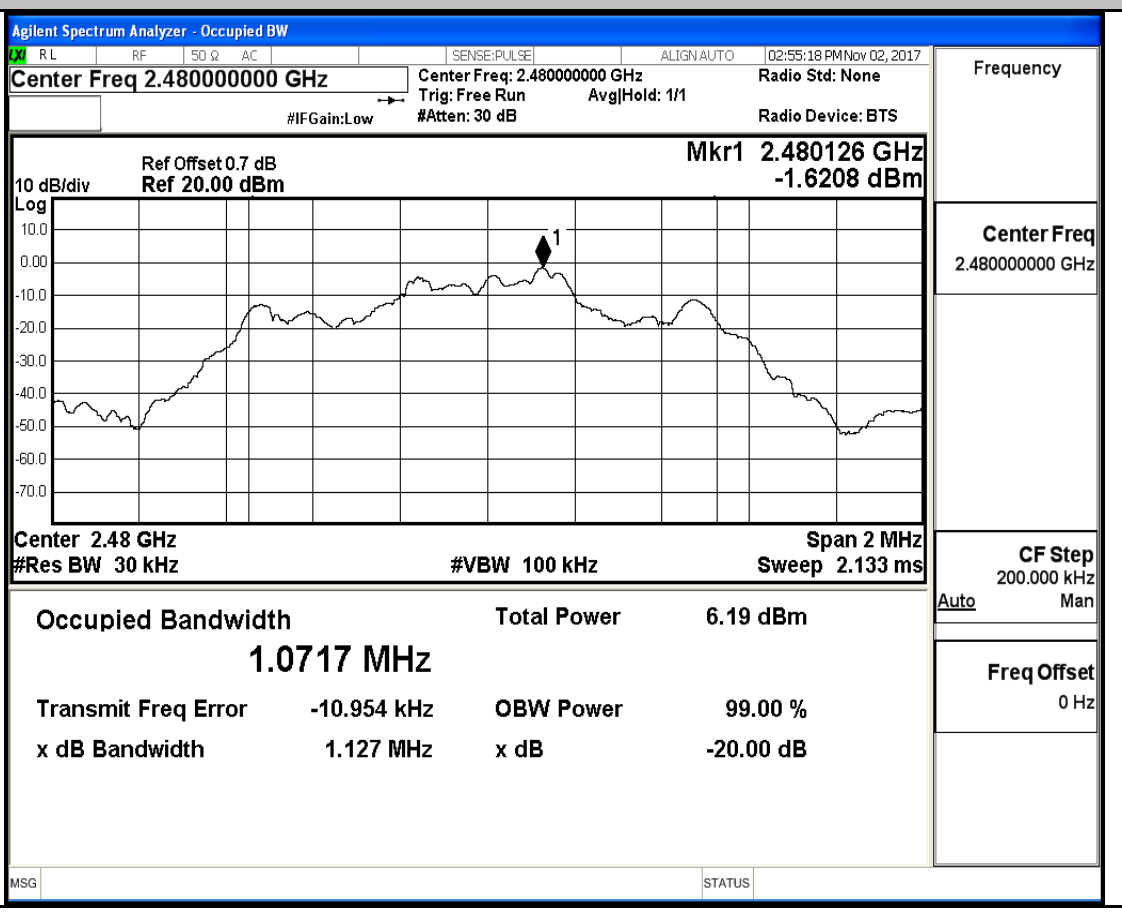
20 dB Bandwidth_2DH5_2402



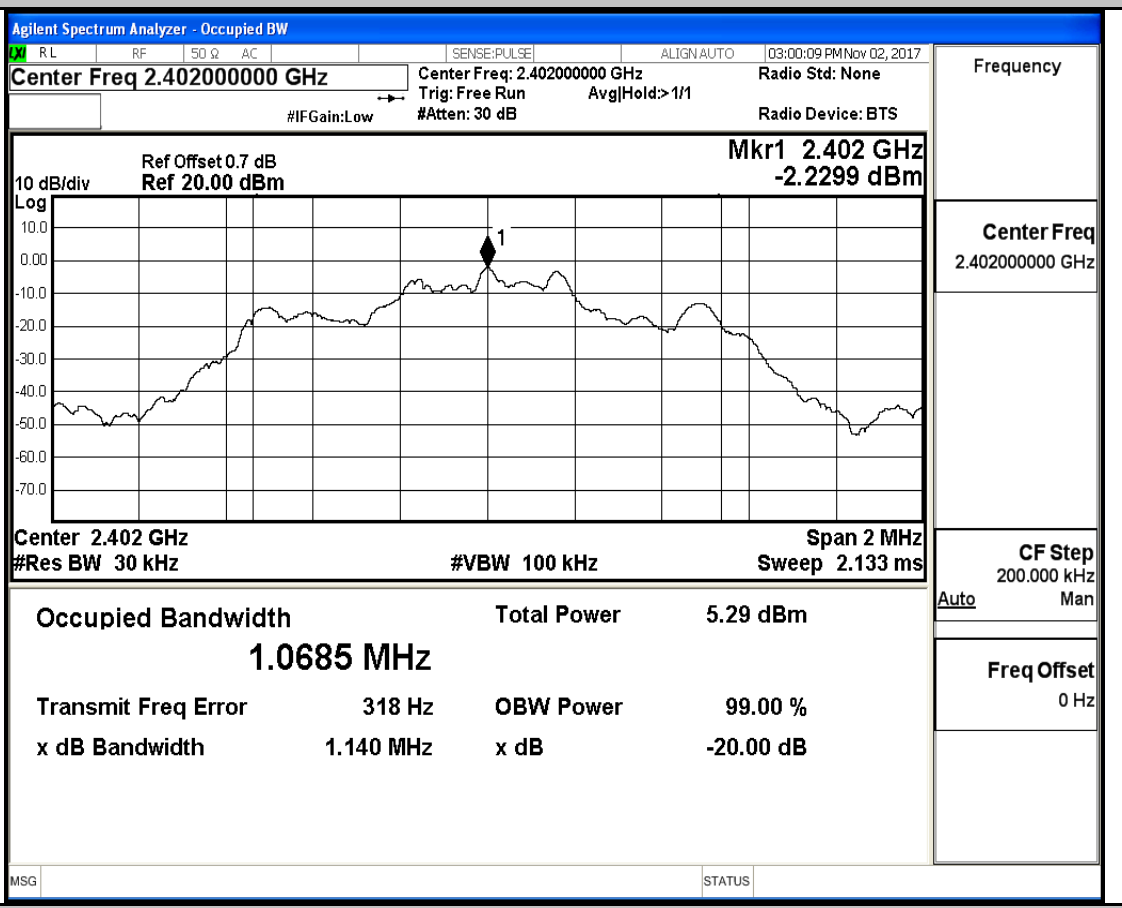
20 dB Bandwidth_2DH5_2441



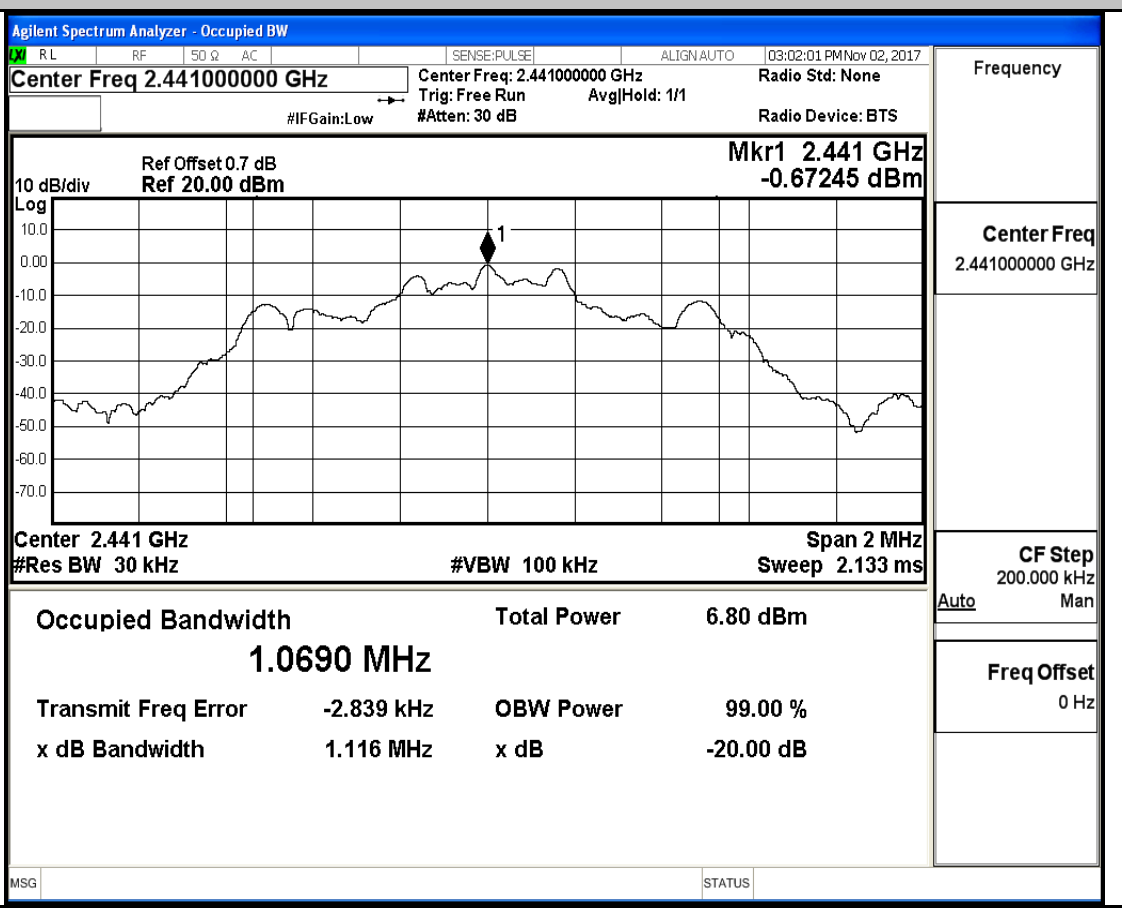
20 dB Bandwidth_2DH5_2480



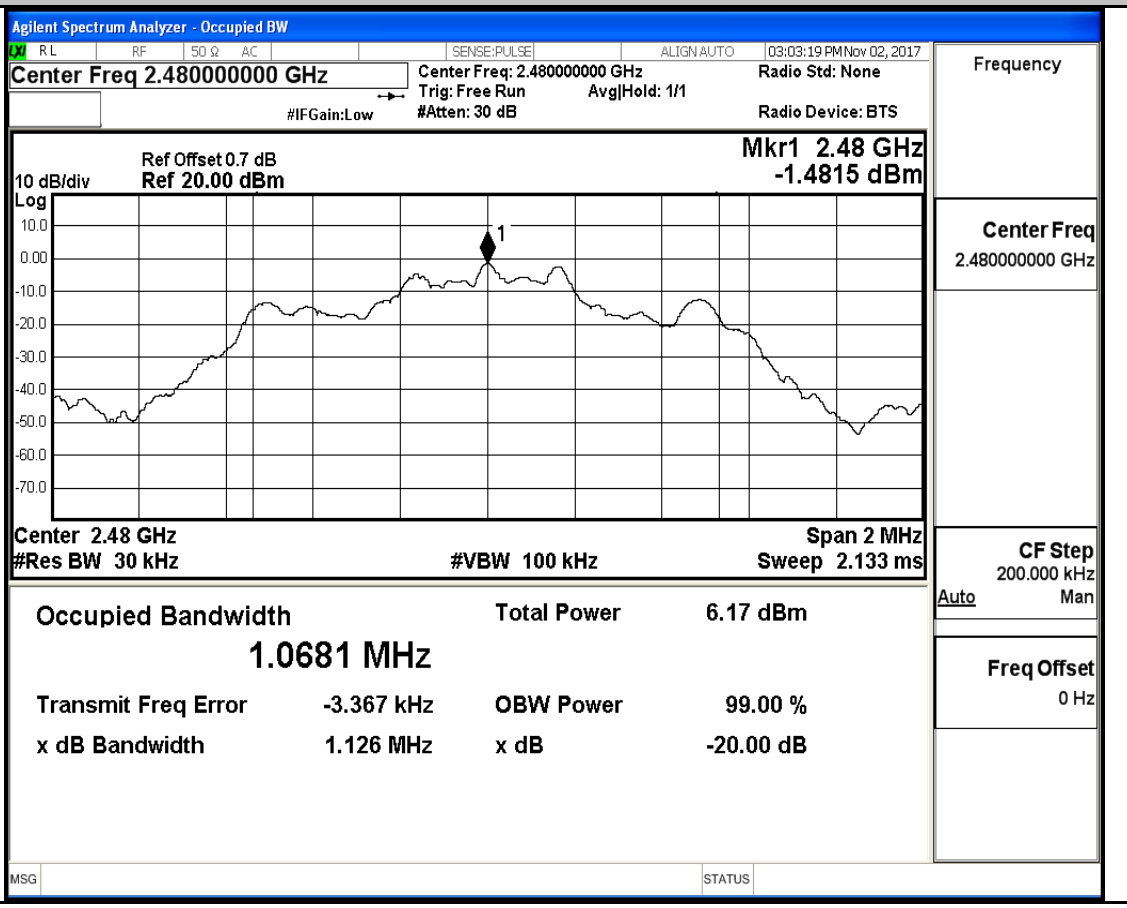
20 dB Bandwidth_3DH5_2402



20 dB Bandwidth_3DH5_2441



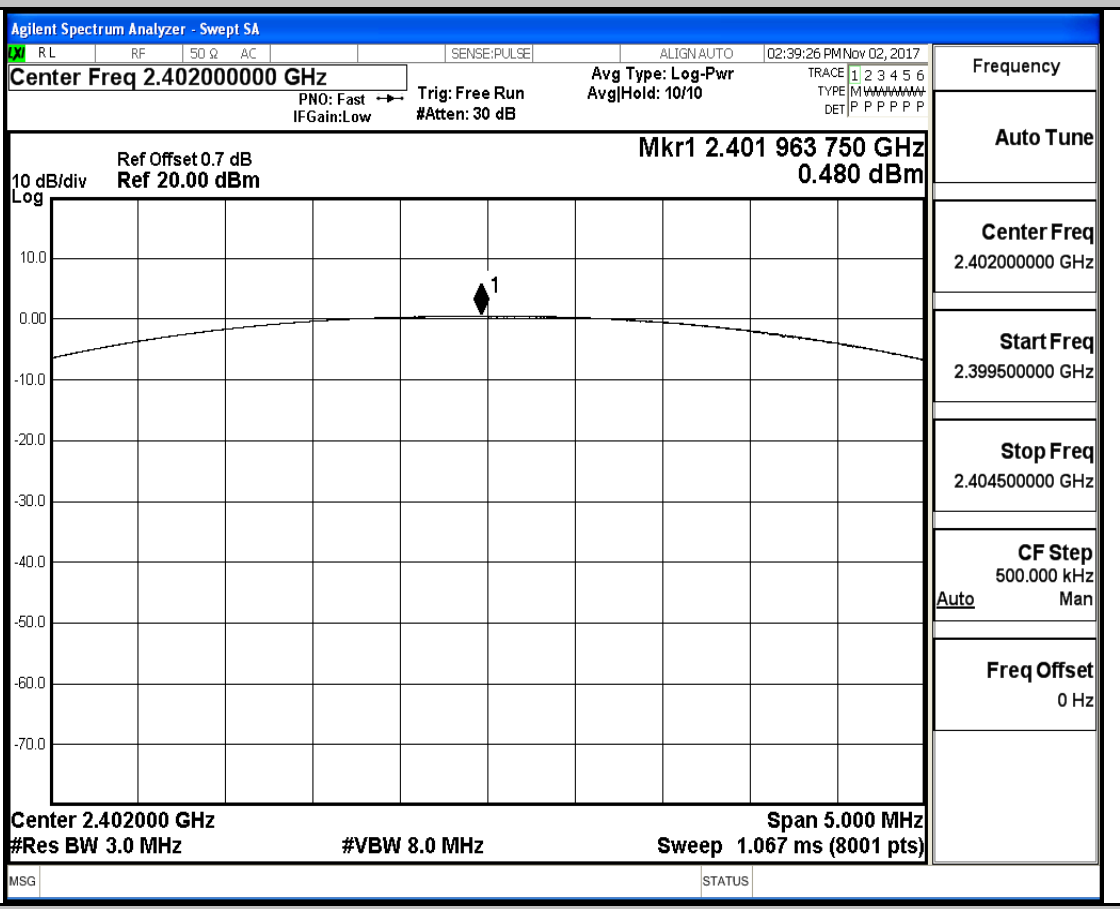
20 dB Bandwidth_3DH5_2480



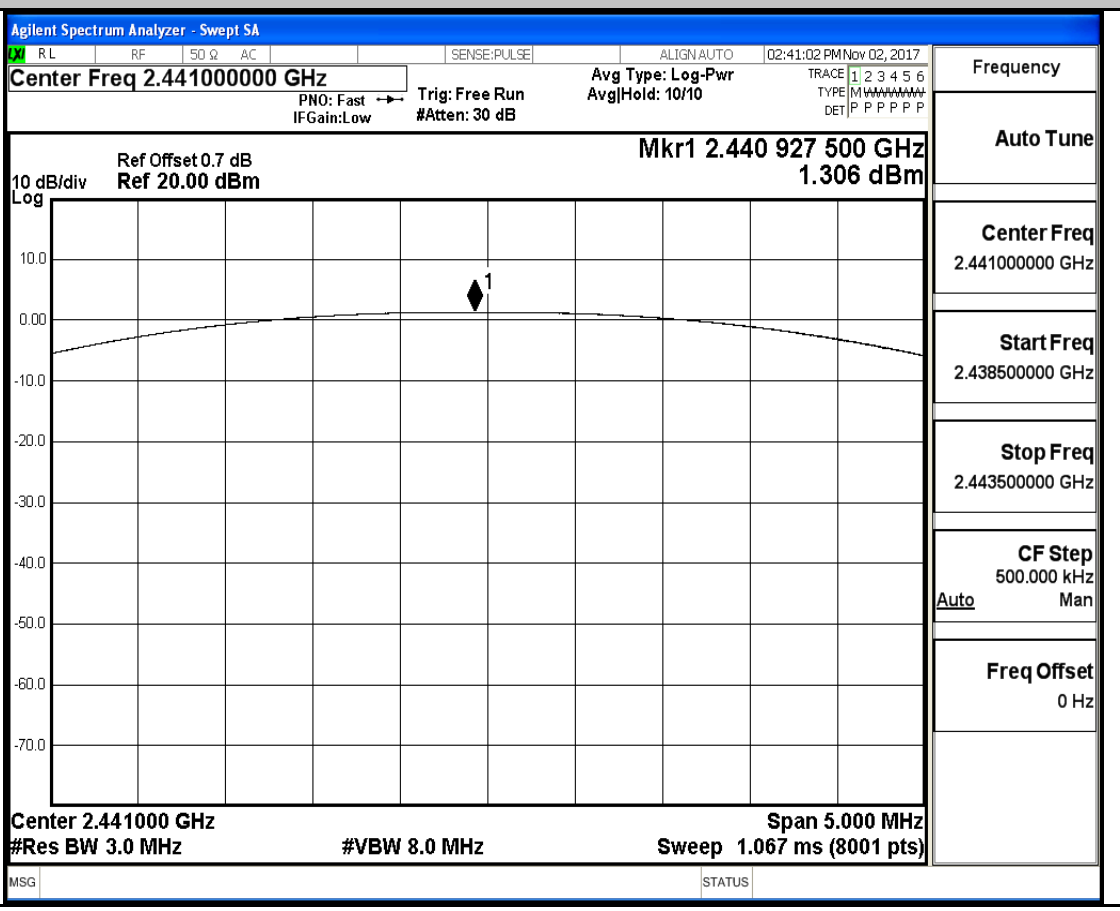
2.Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	0.480	30	PASS
DH5	2441	1.306	30	PASS
DH5	2480	**1.407**	30	PASS
2DH5	2402	-0.889	21	PASS
2DH5	2441	0.700	21	PASS
2DH5	2480	0.292	21	PASS
3DH5	2402	-0.531	21	PASS
3DH5	2441	0.786	21	PASS
3DH5	2480	0.326	21	PASS

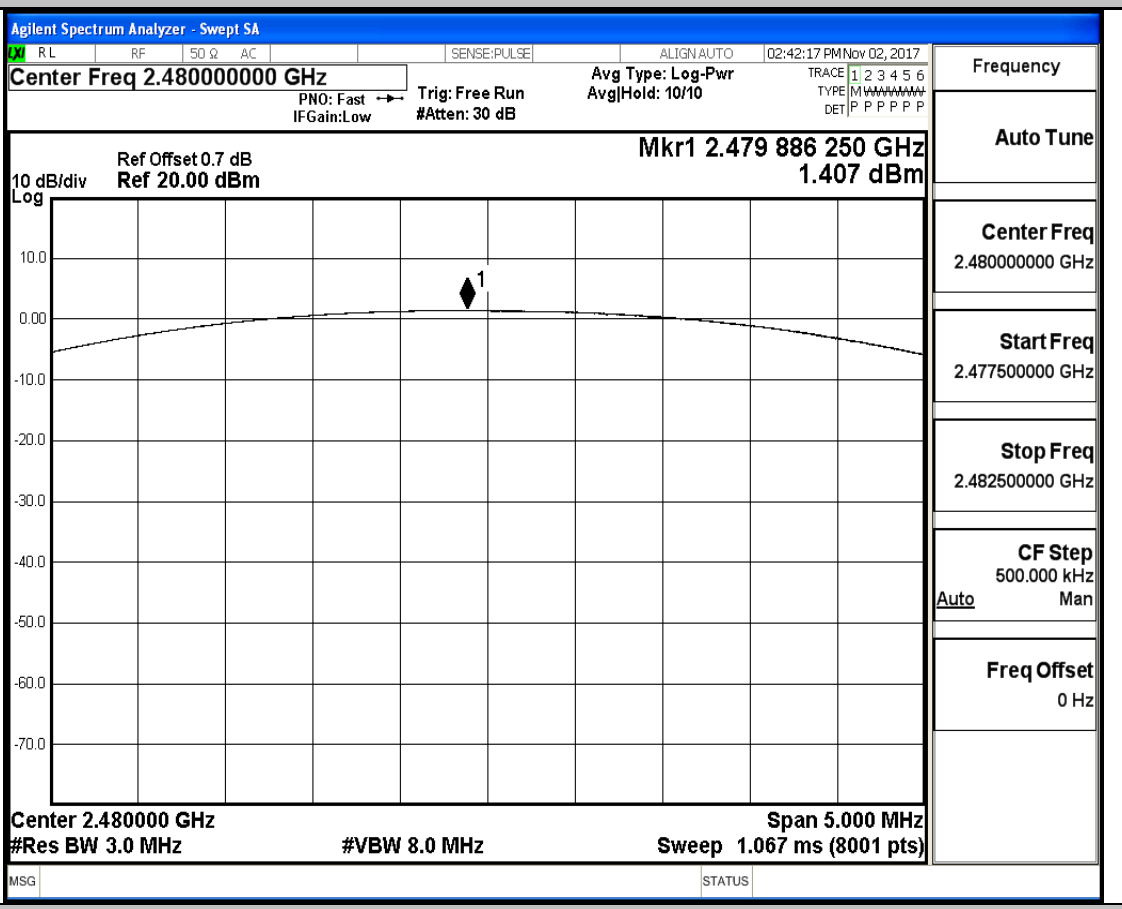
Conducted Peak Output Power_DH5_2402



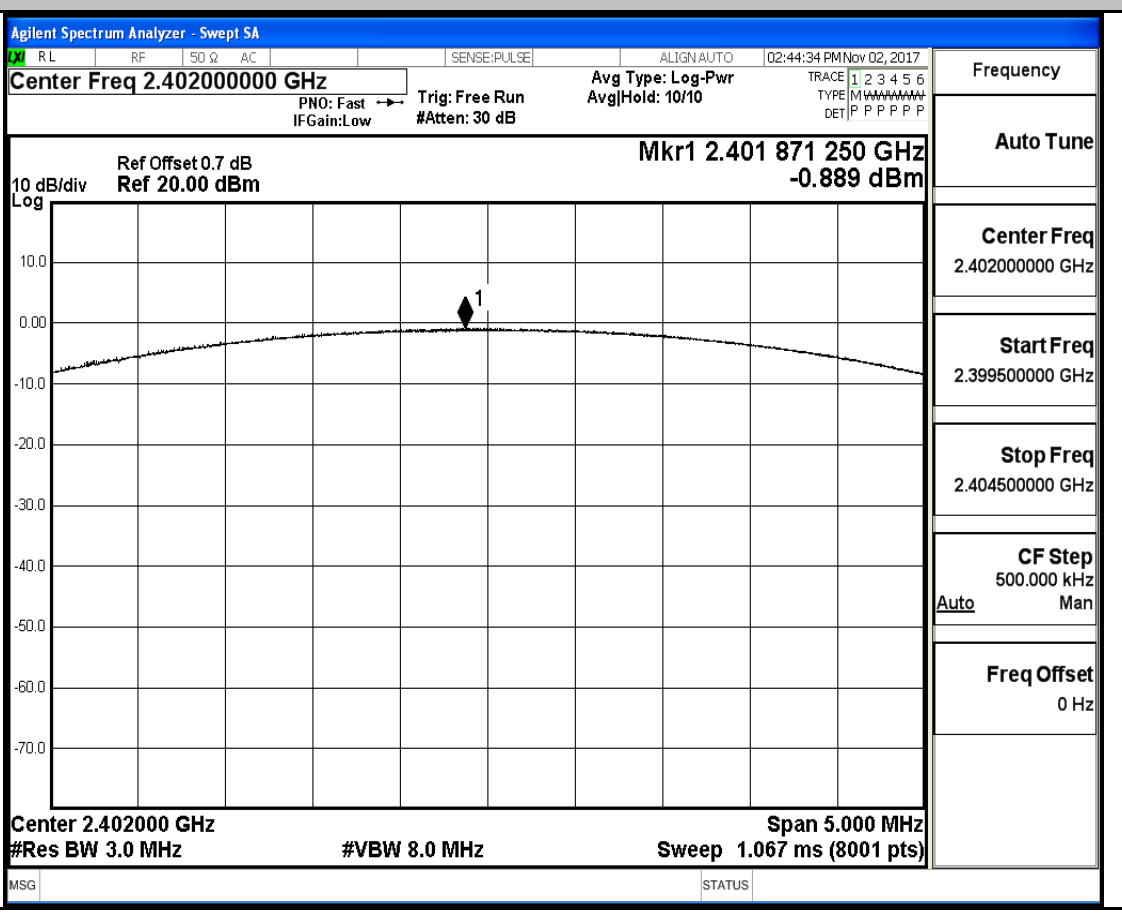
Conducted Peak Output Power_DH5_2441



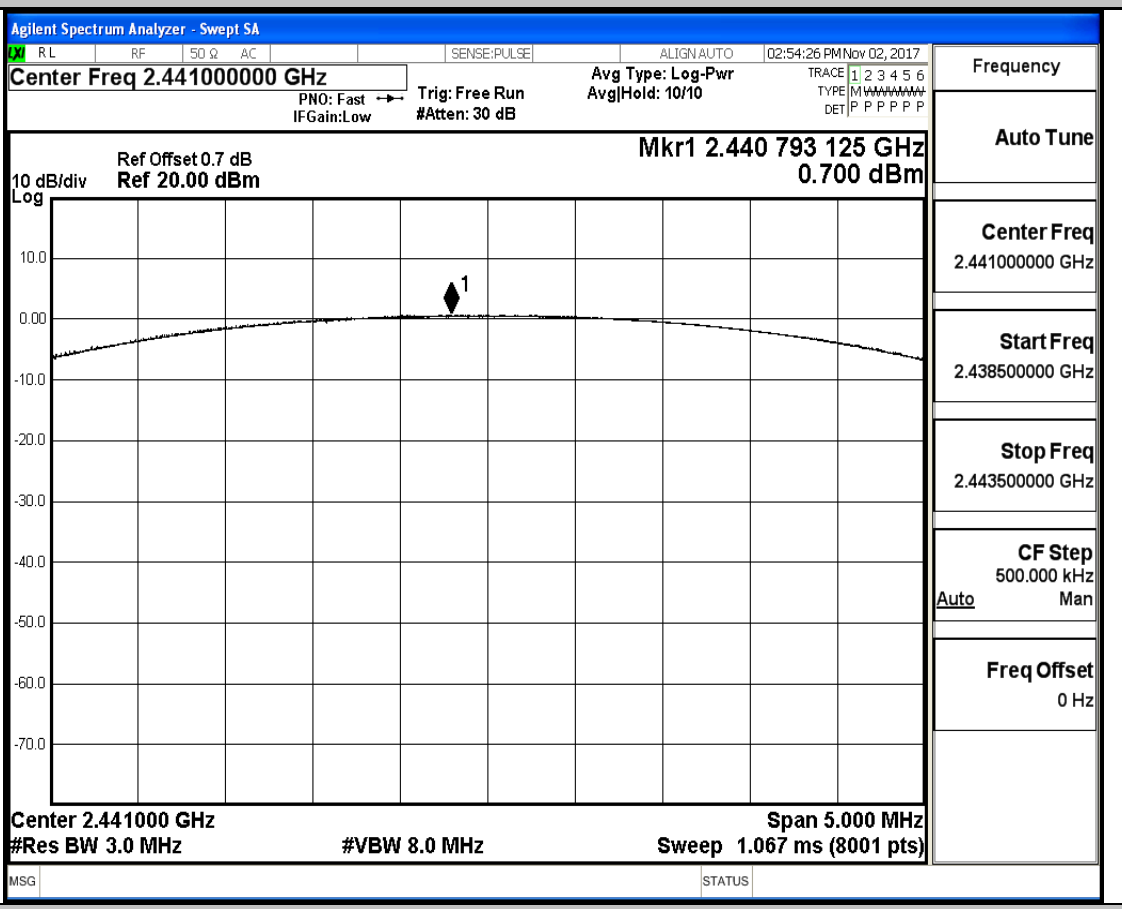
Conducted Peak Output Power_DH5_2480



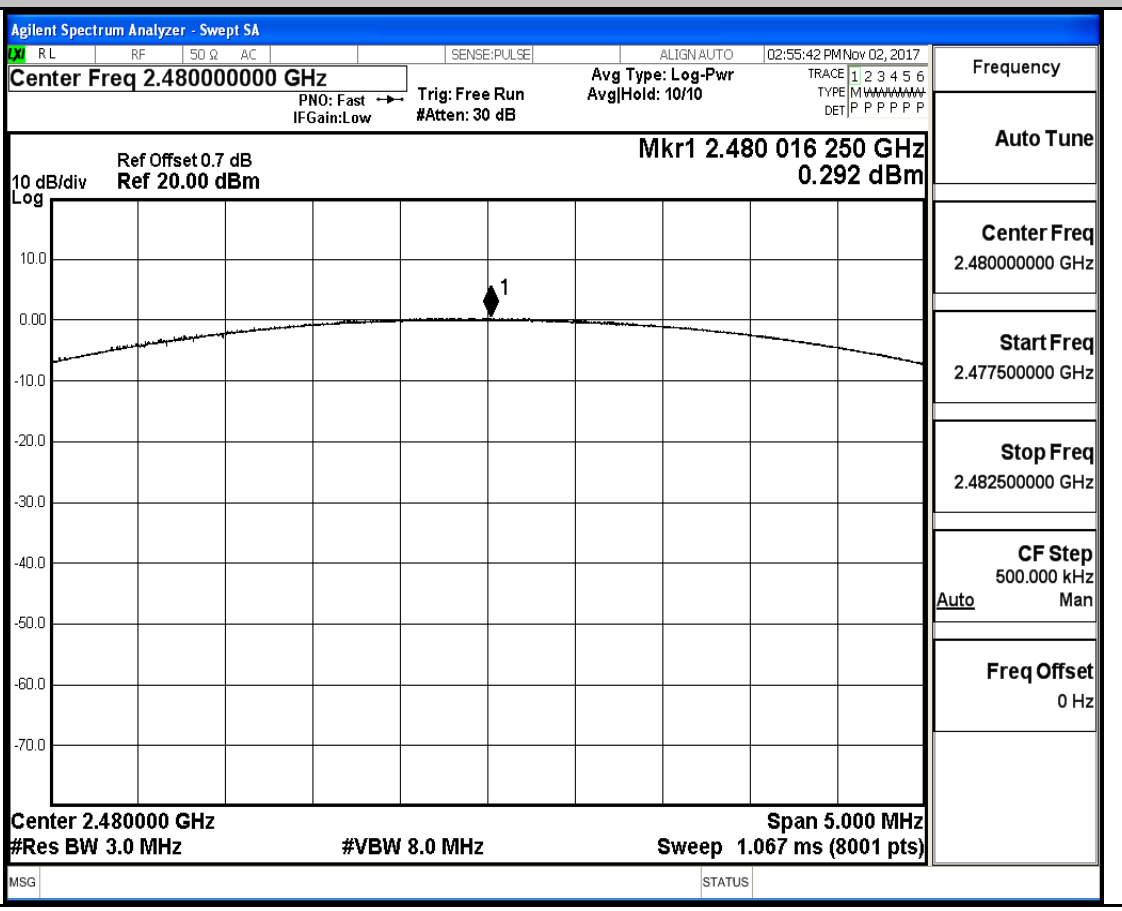
Conducted Peak Output Power_2DH5_2402



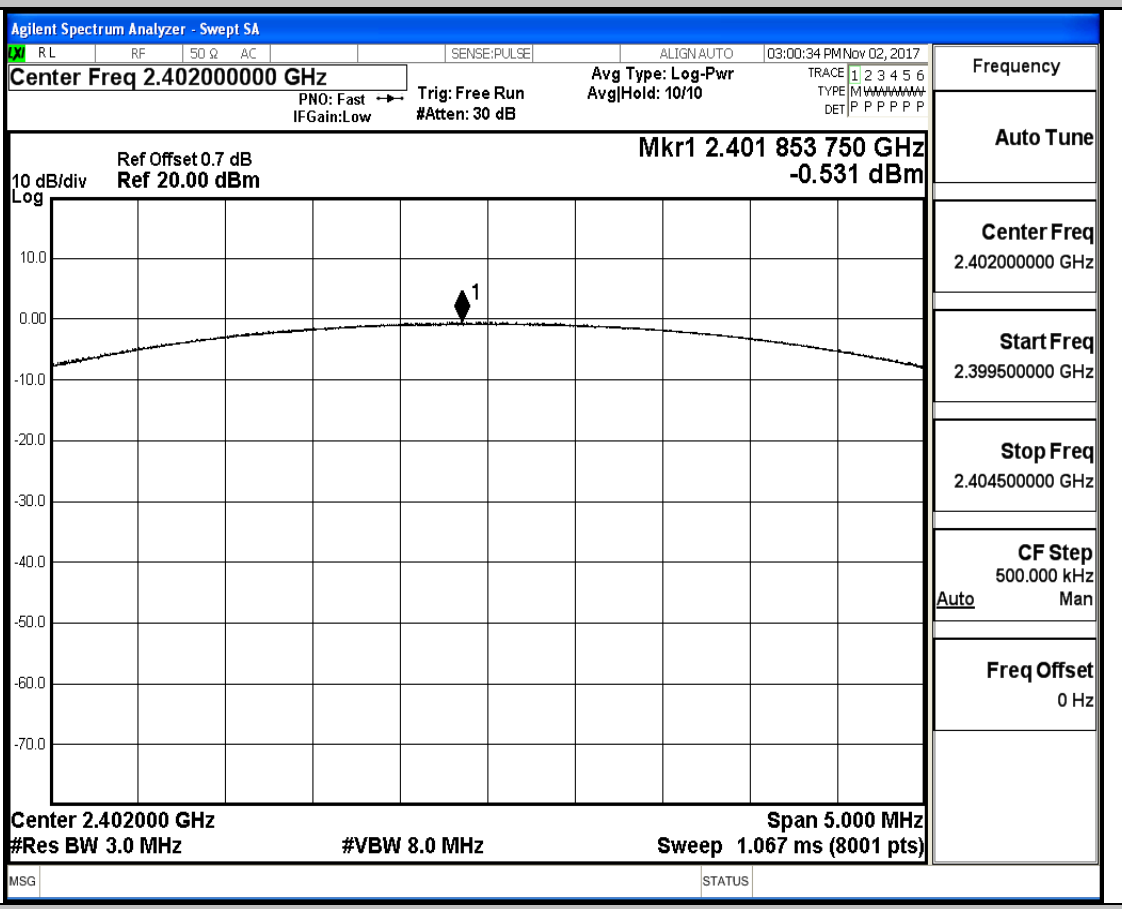
Conducted Peak Output Power_2DH5_2441



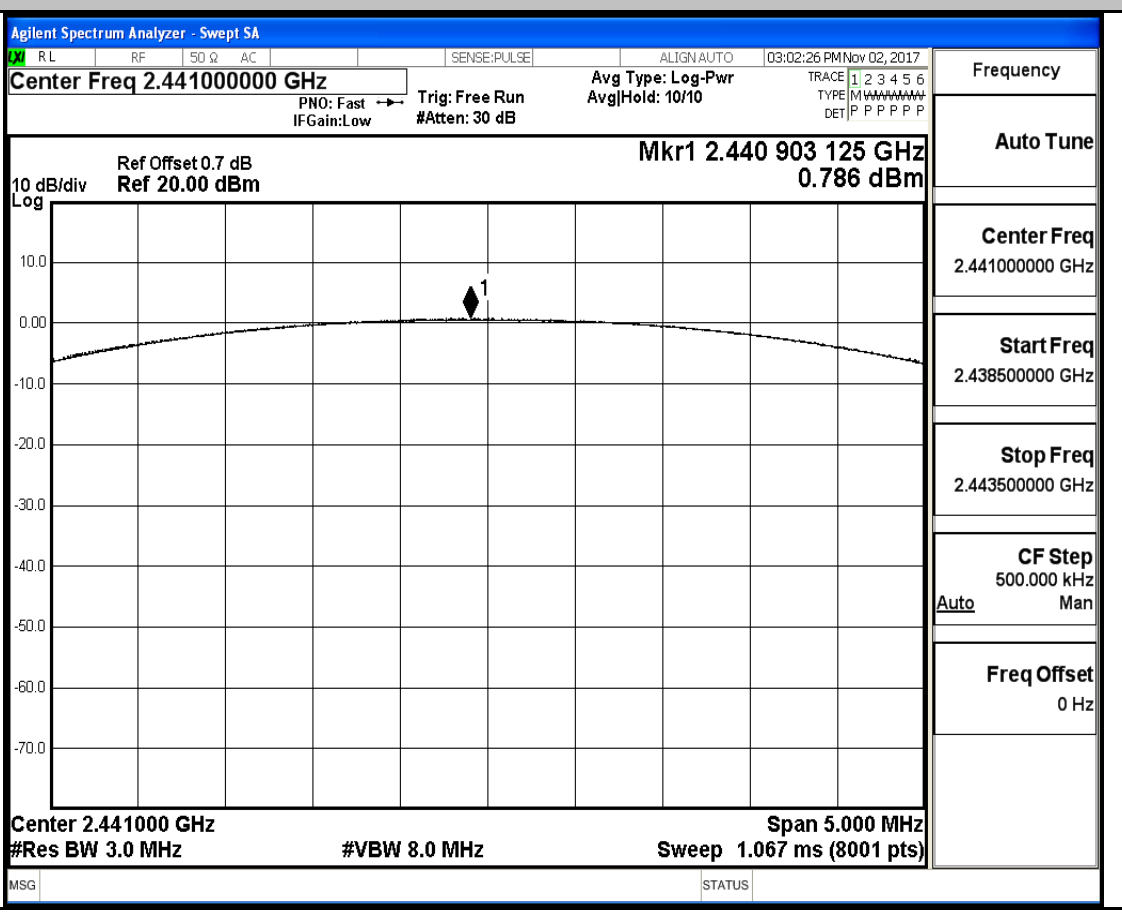
Conducted Peak Output Power_2DH5_2480



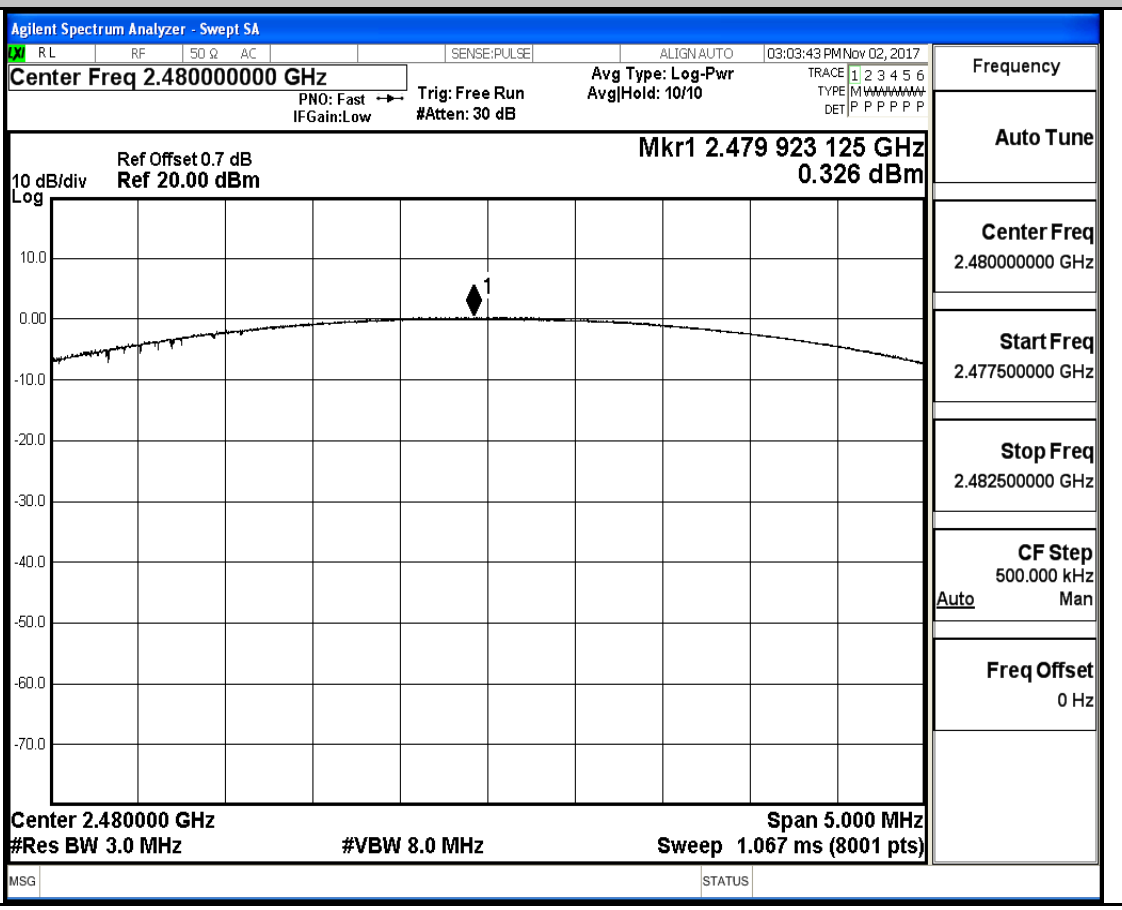
Conducted Peak Output Power_3DH5_2402



Conducted Peak Output Power_3DH5_2441



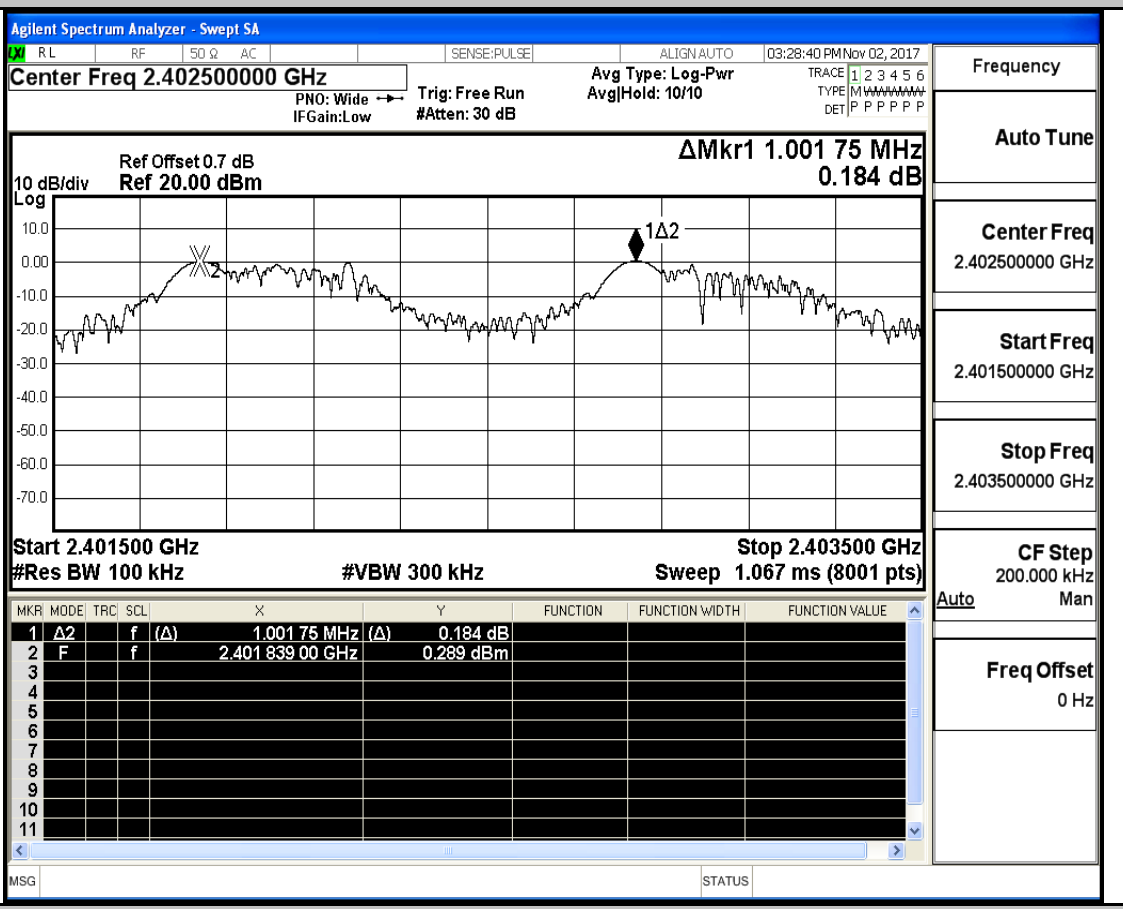
Conducted Peak Output Power_3DH5_2480



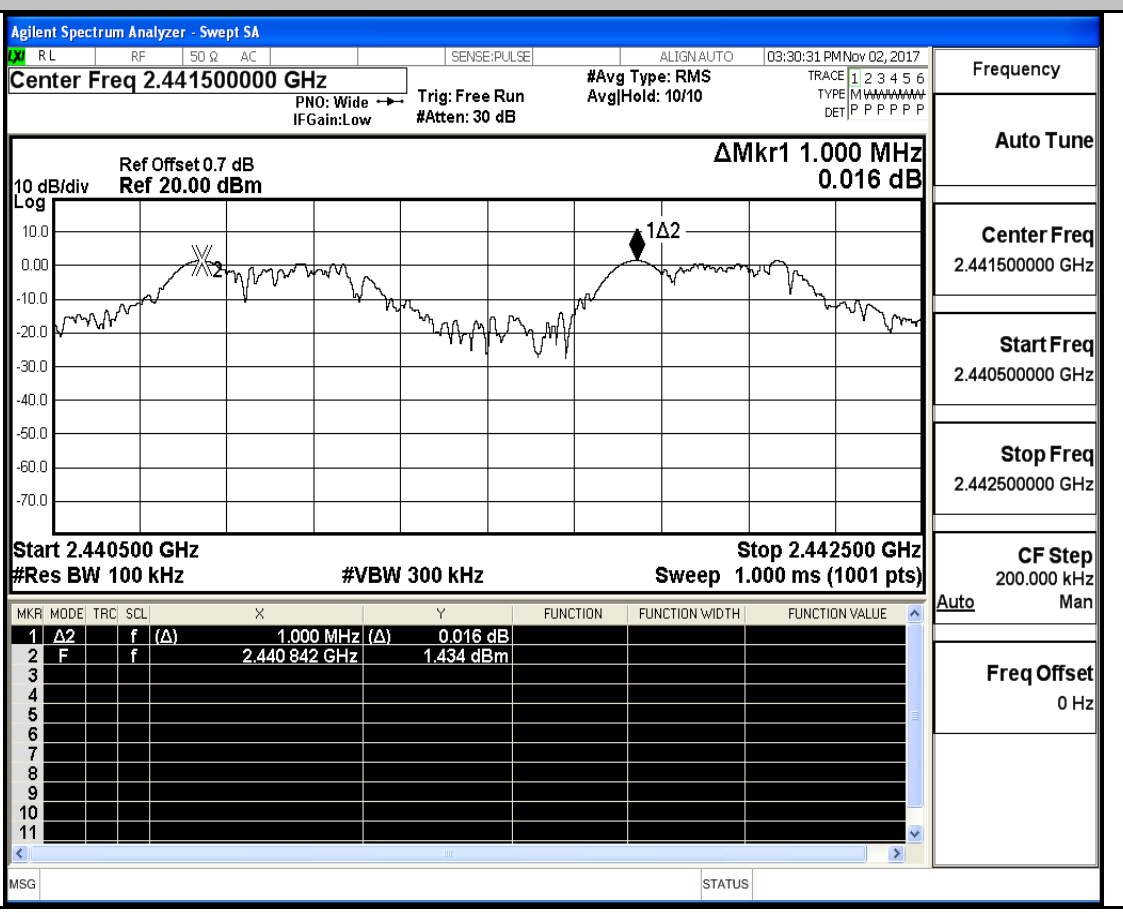
3.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	1.002	0.8328	PASS
DH5	2441	1.000	0.8327	PASS
DH5	2480	1.000	0.8314	PASS
2DH5	2402	0.872	0.757	PASS
2DH5	2441	1.006	0.747	PASS
2DH5	2480	0.990	0.751	PASS
3DH5	2402	0.998	0.760	PASS
3DH5	2441	1.028	0.744	PASS
3DH5	2480	0.848	0.751	PASS

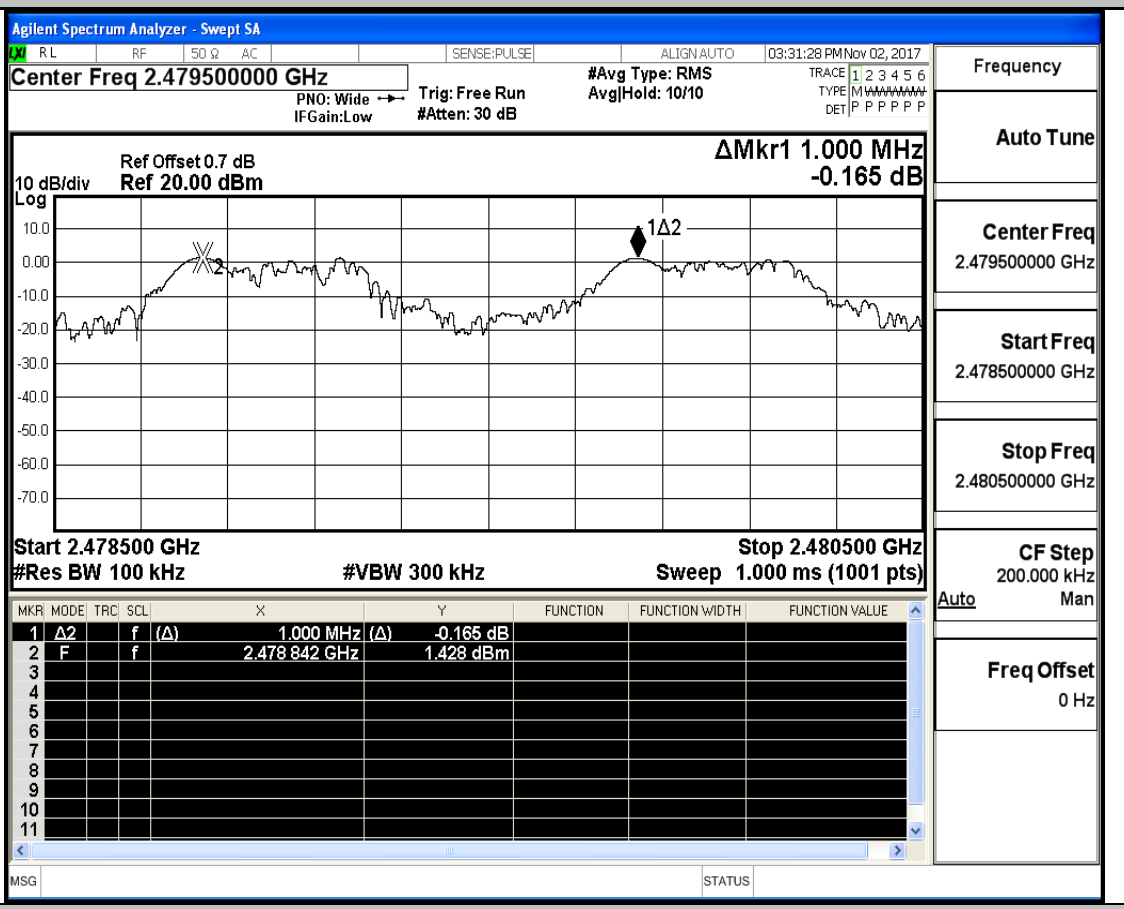
Carrier Frequency Separation_DH5_2402



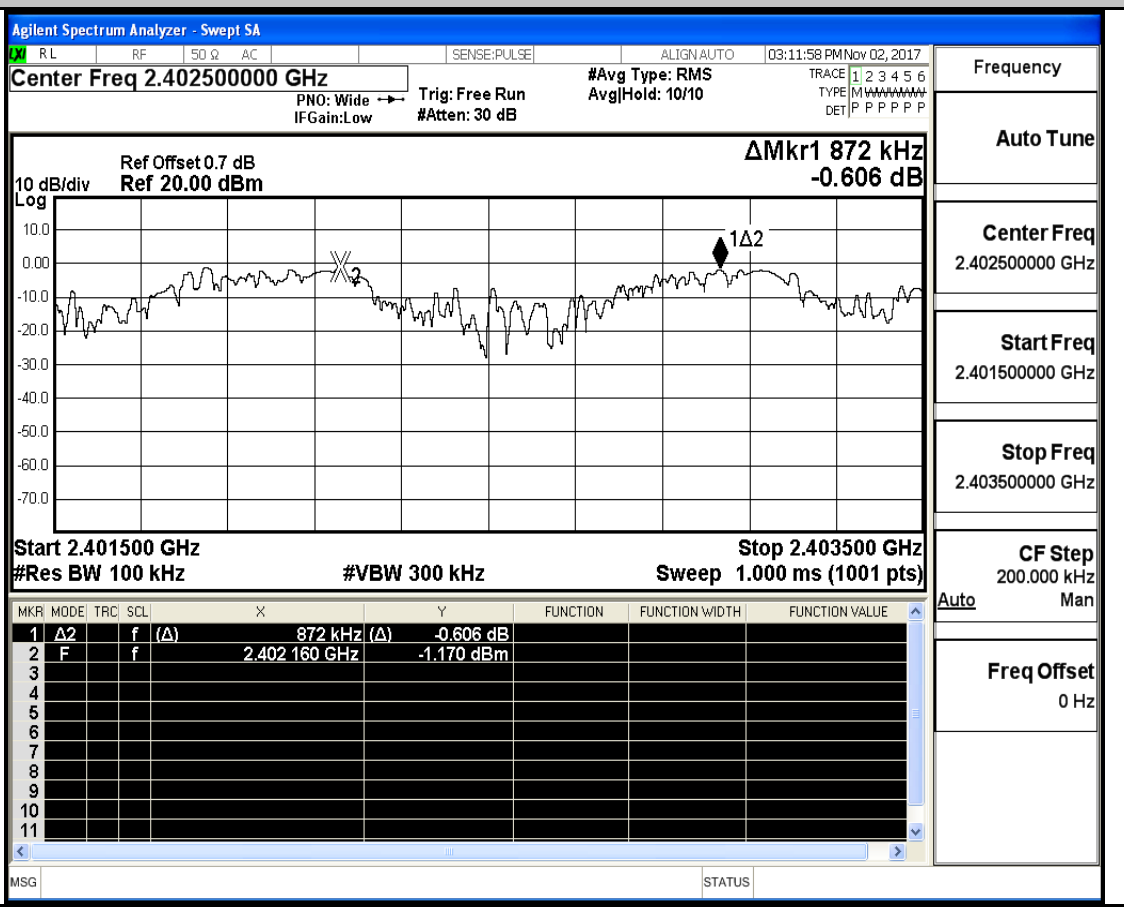
Carrier Frequency Separation_DH5_2441



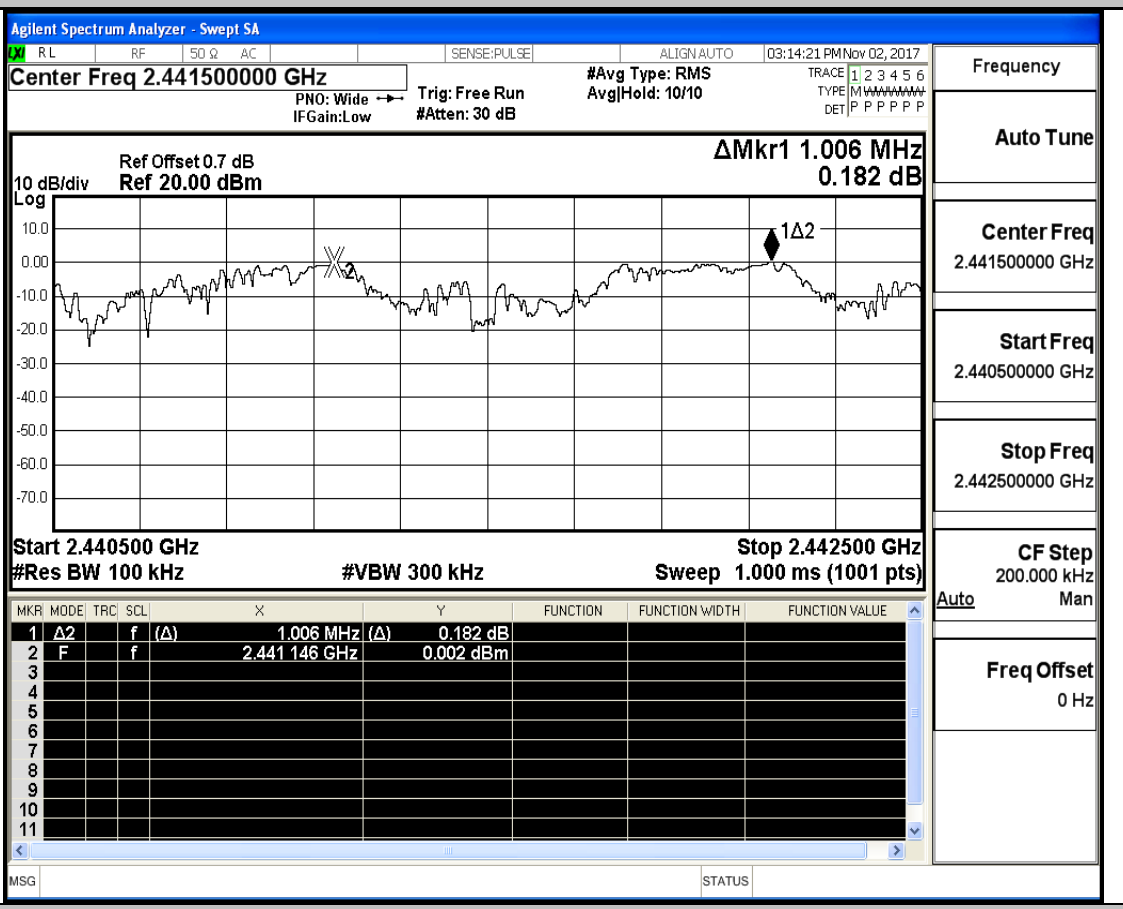
Carrier Frequency Separation_DH5_2480



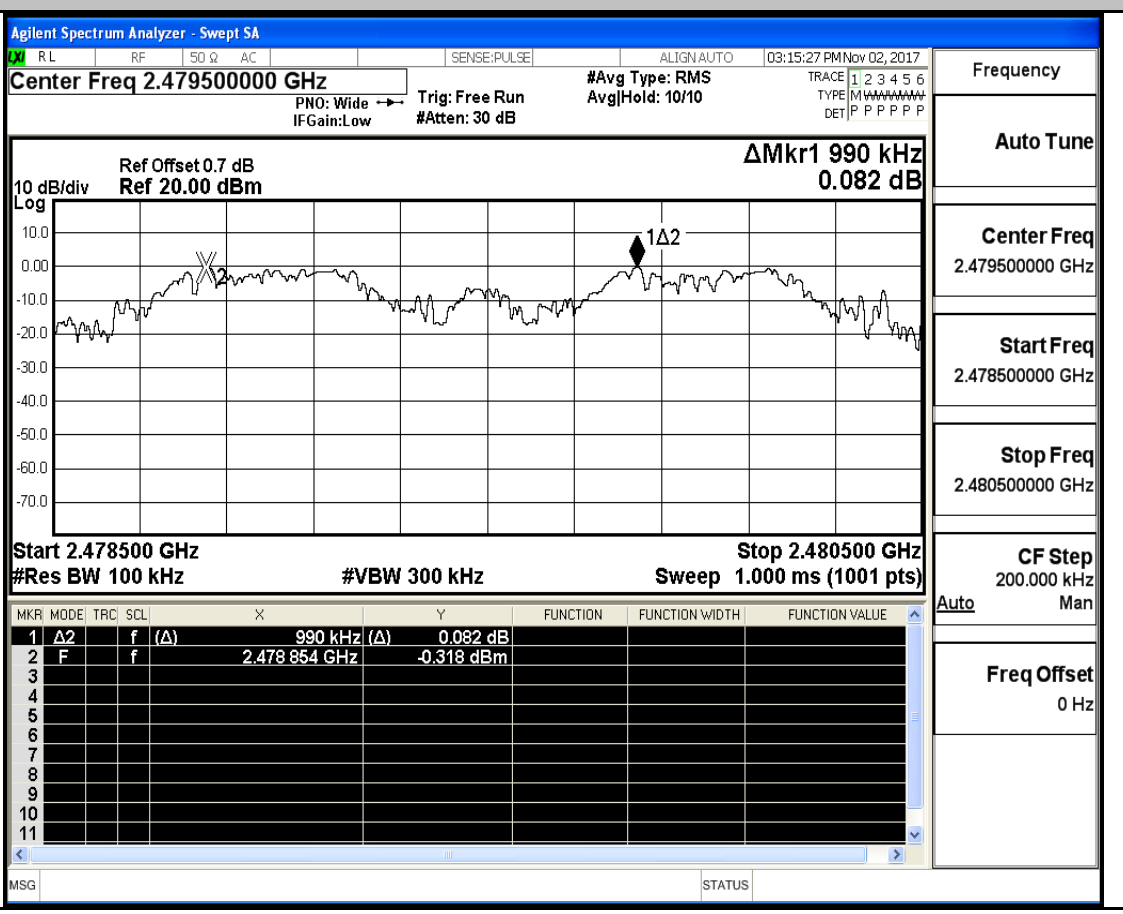
Carrier Frequency Separation_2DH5_2402



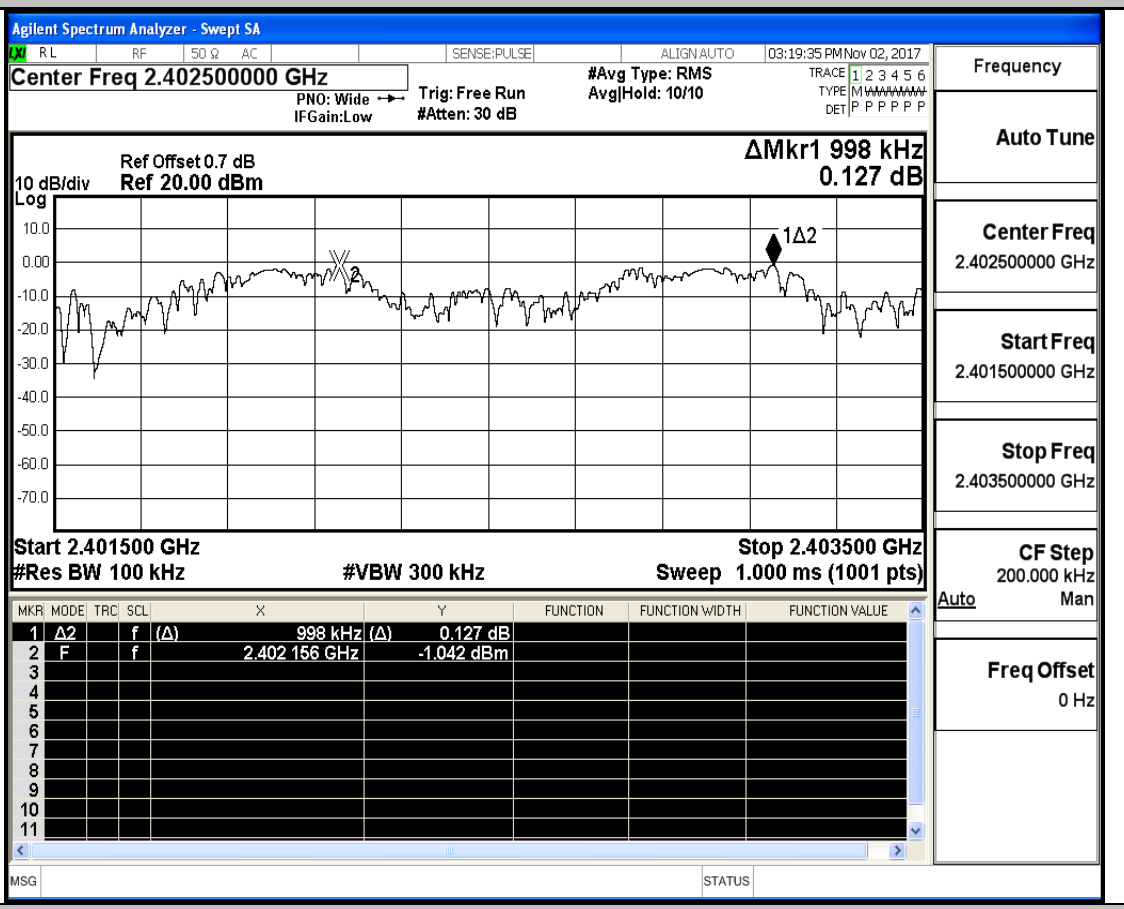
Carrier Frequency Separation_2DH5_2441



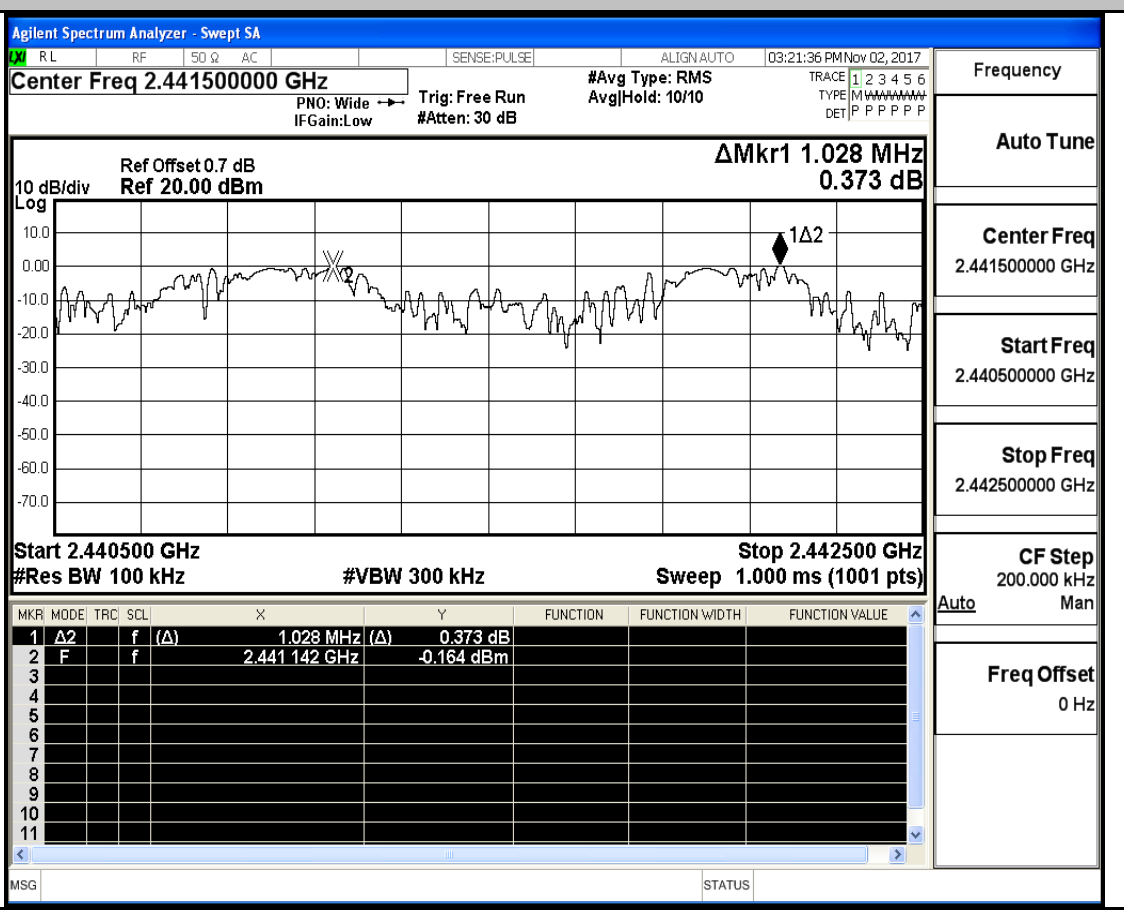
Carrier Frequency Separation_2DH5_2480



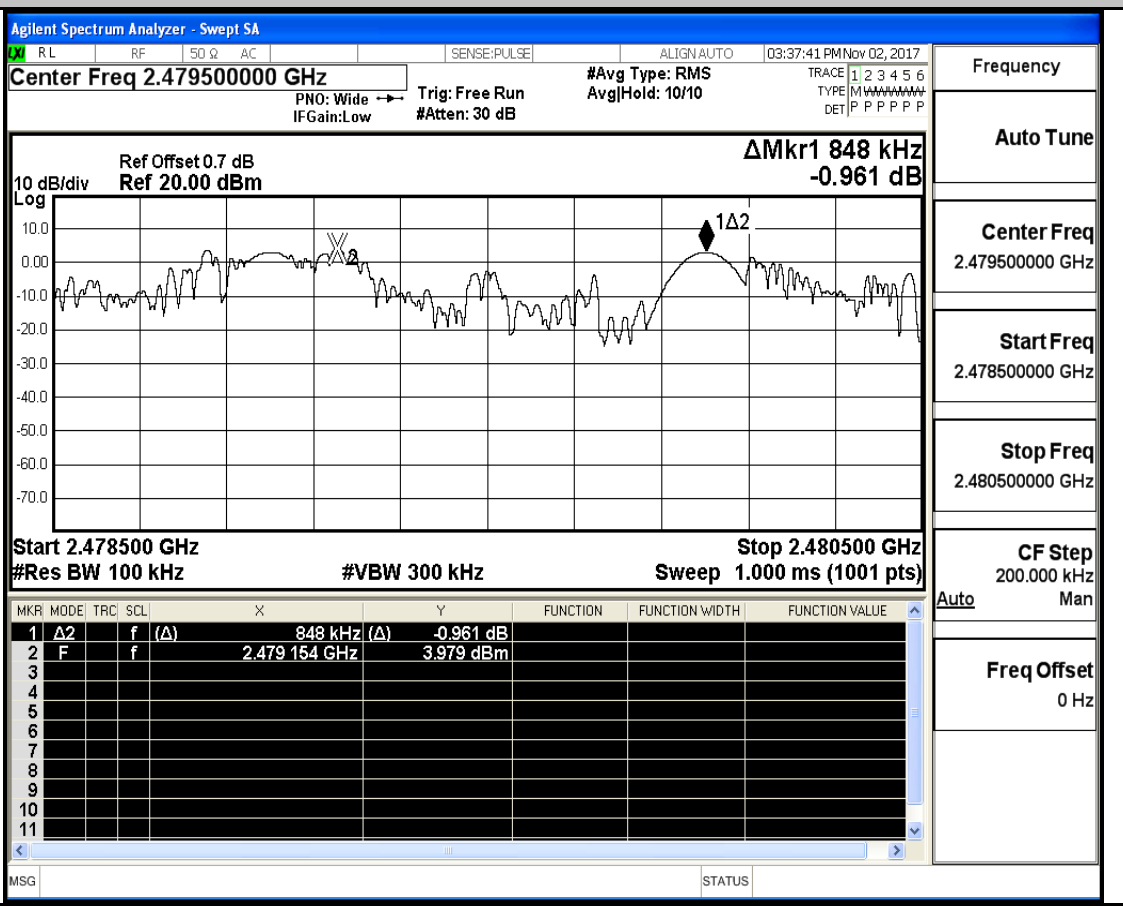
Carrier Frequency Separation_3DH5_2402



Carrier Frequency Separation_3DH5_2441



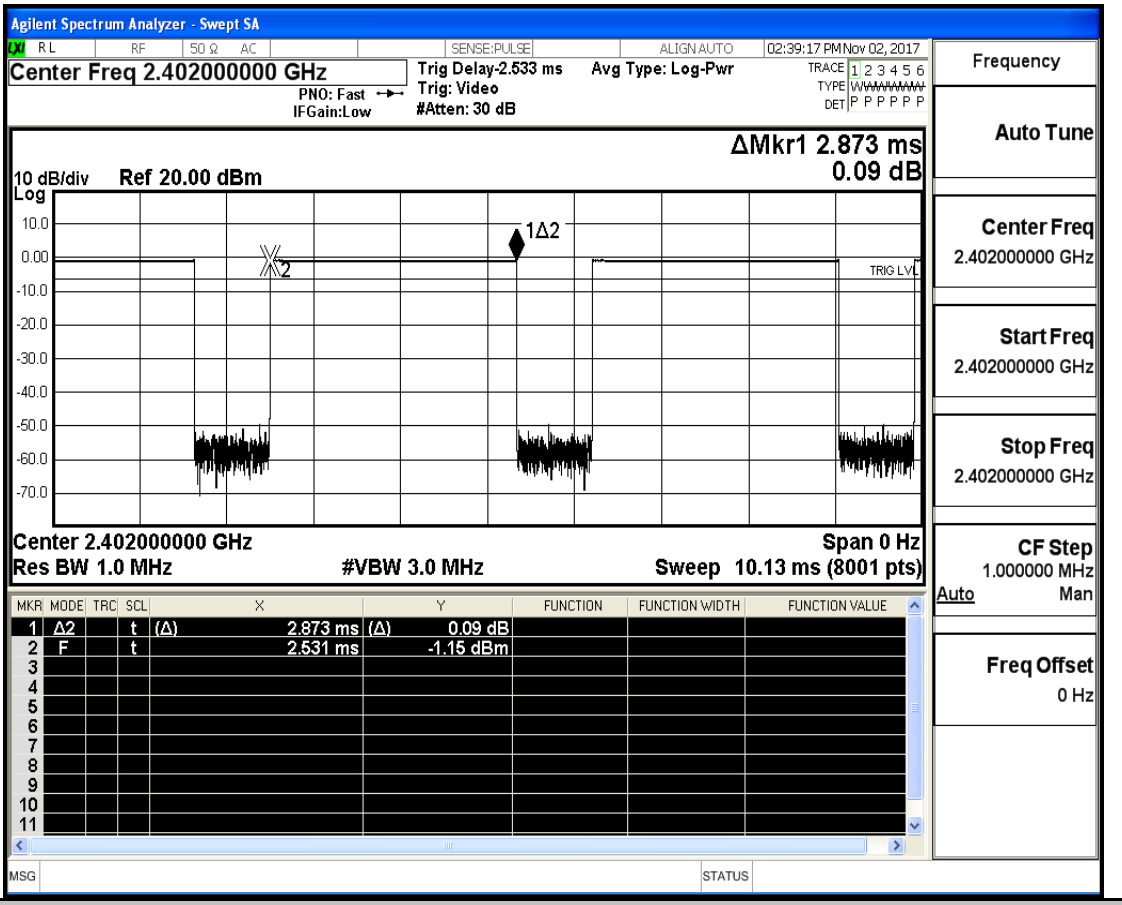
Carrier Frequency Separation_3DH5_2480



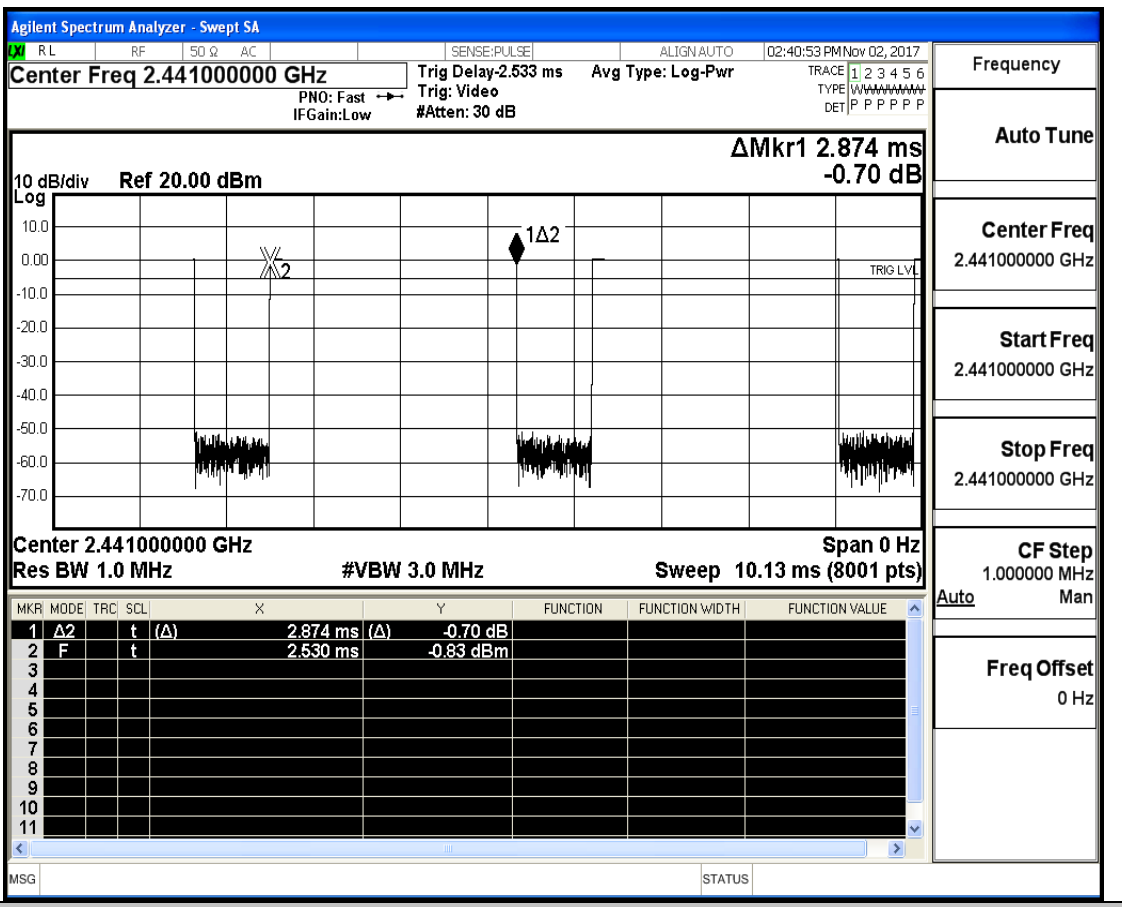
4.Dwell Time

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

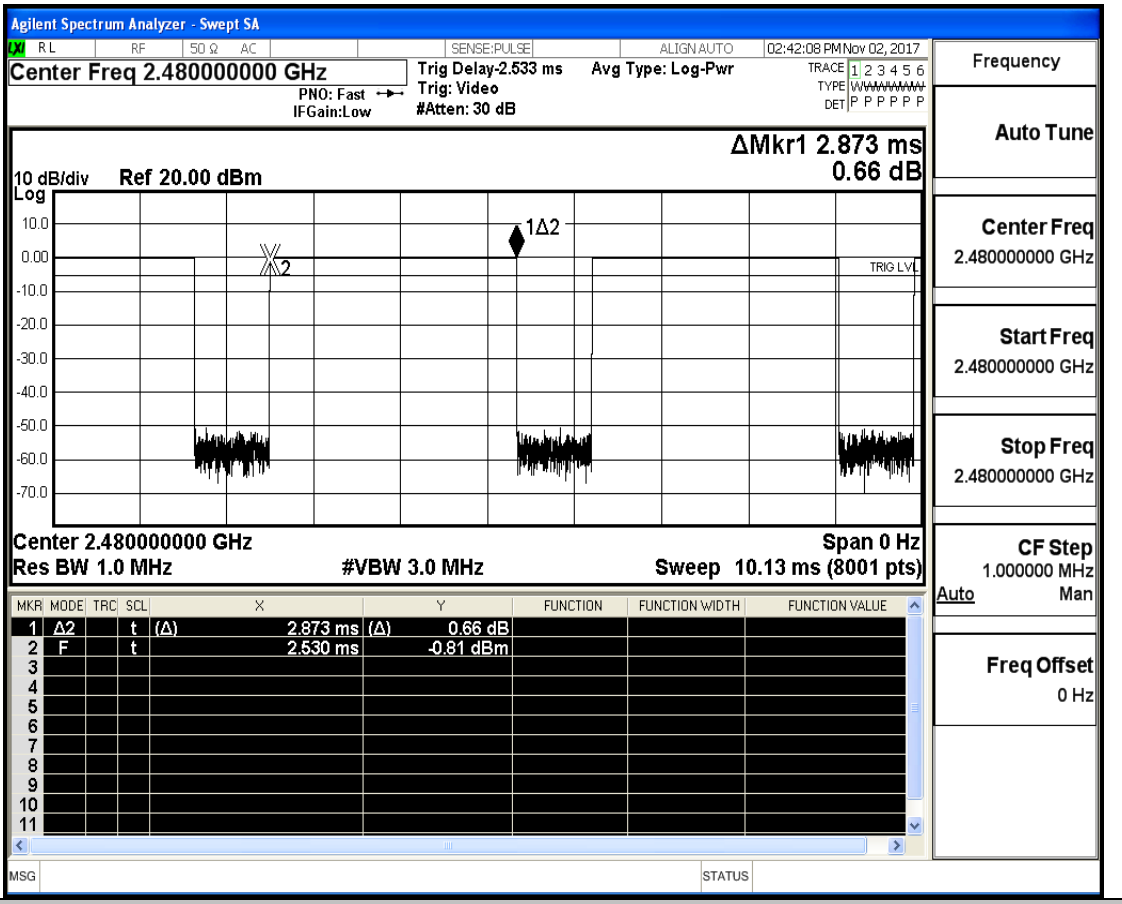
Dwell Time_DH5_2402



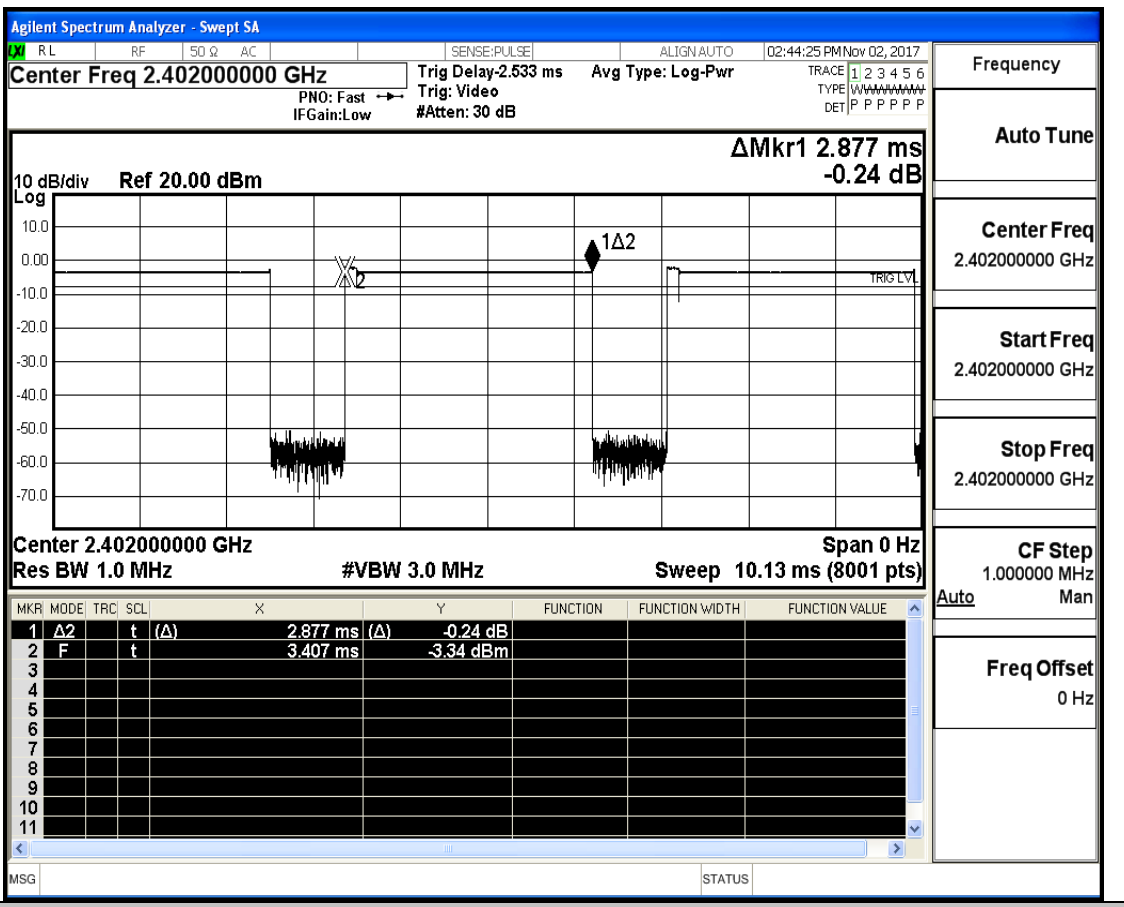
Dwell Time_DH5_2441



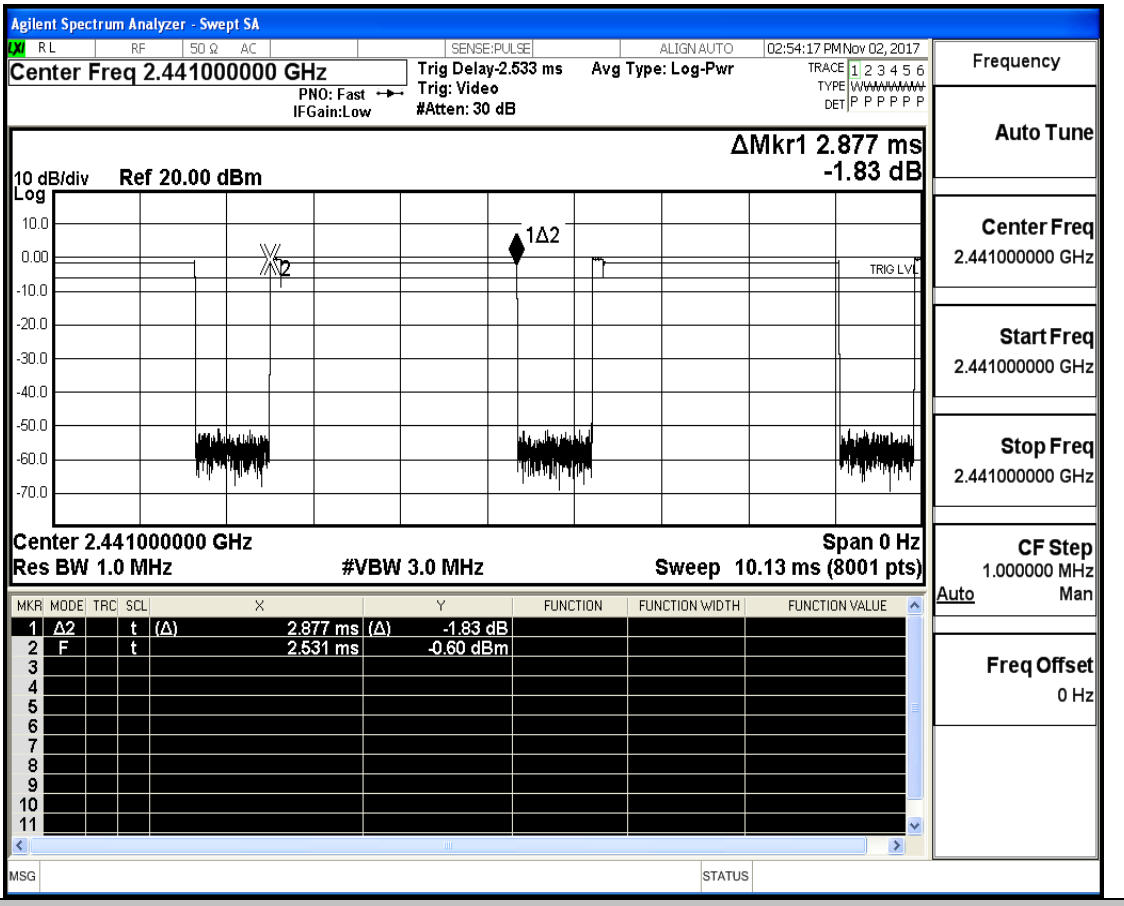
Dwell Time_DH5_2480



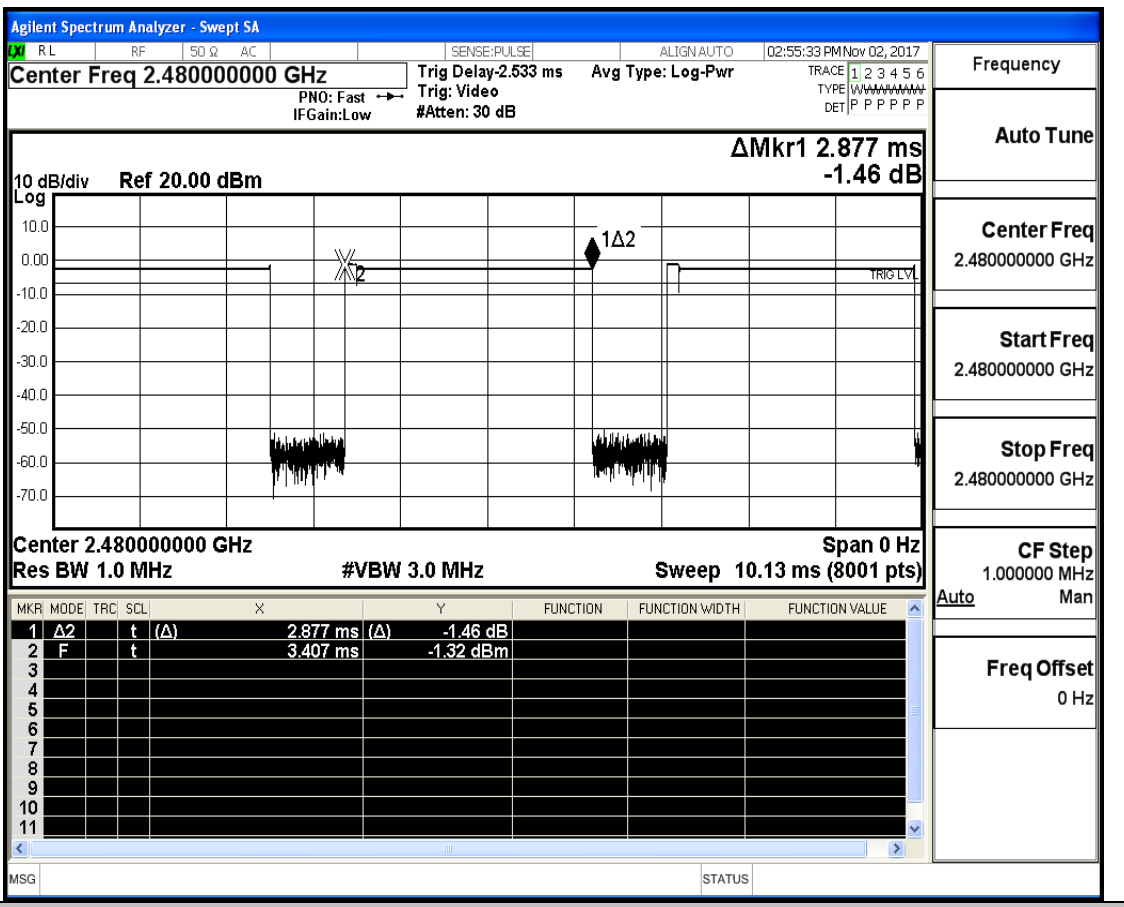
Dwell Time_2DH5_2402



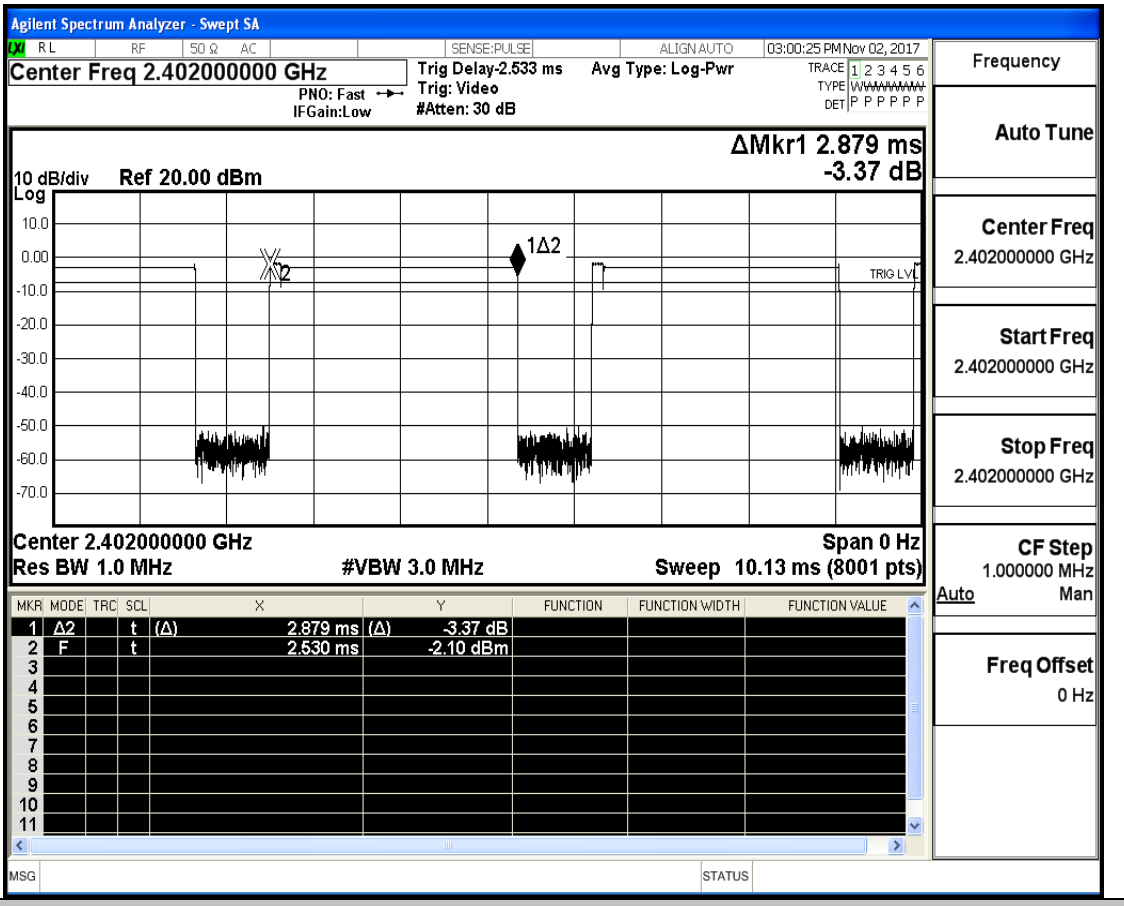
Dwell Time_2DH5_2441



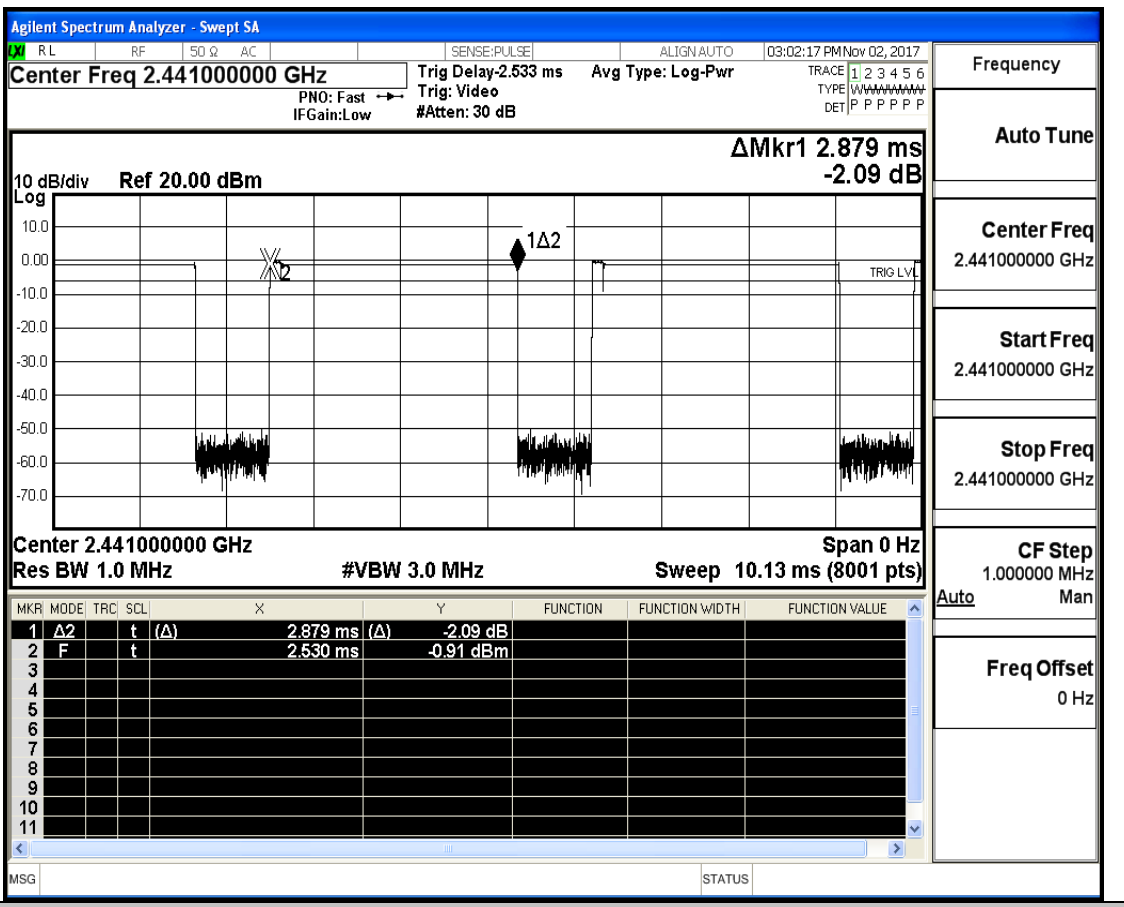
Dwell Time_2DH5_2480



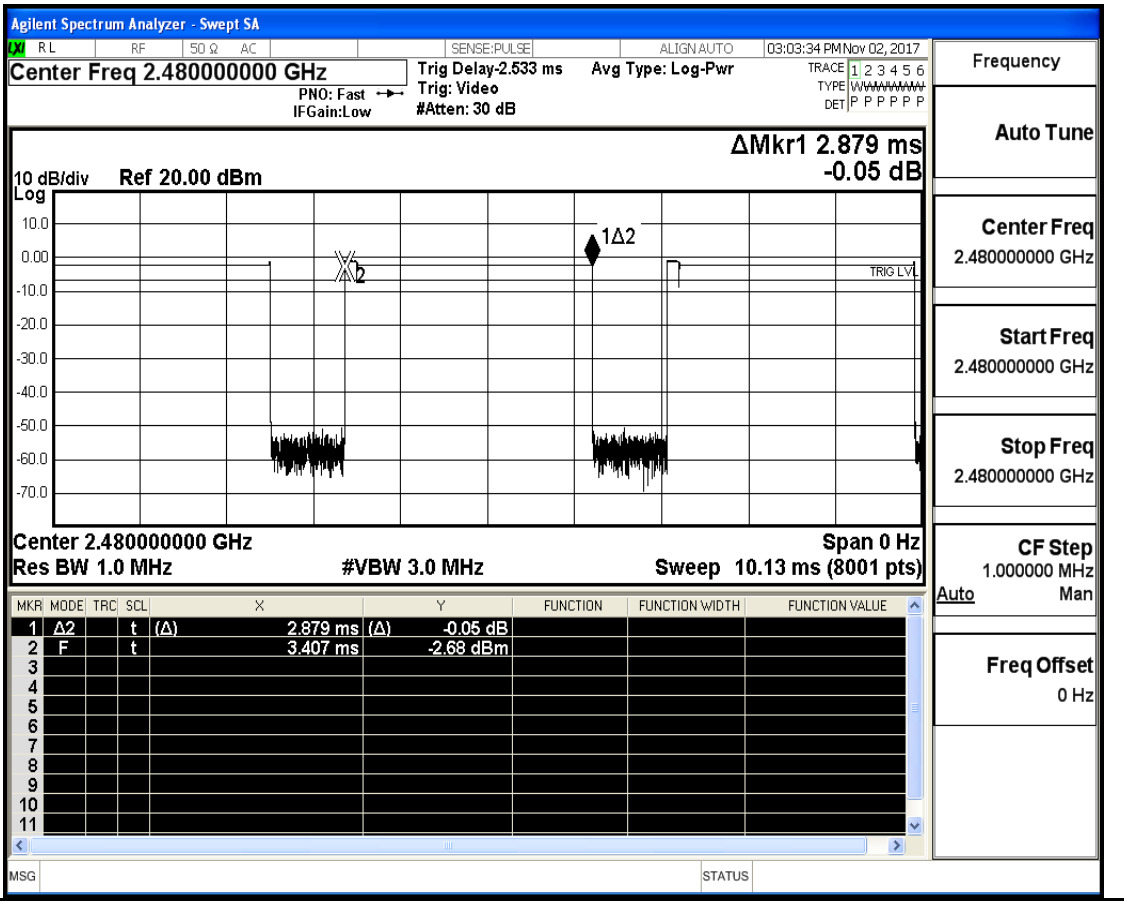
Dwell Time_3DH5_2402



Dwell Time_3DH5_2441



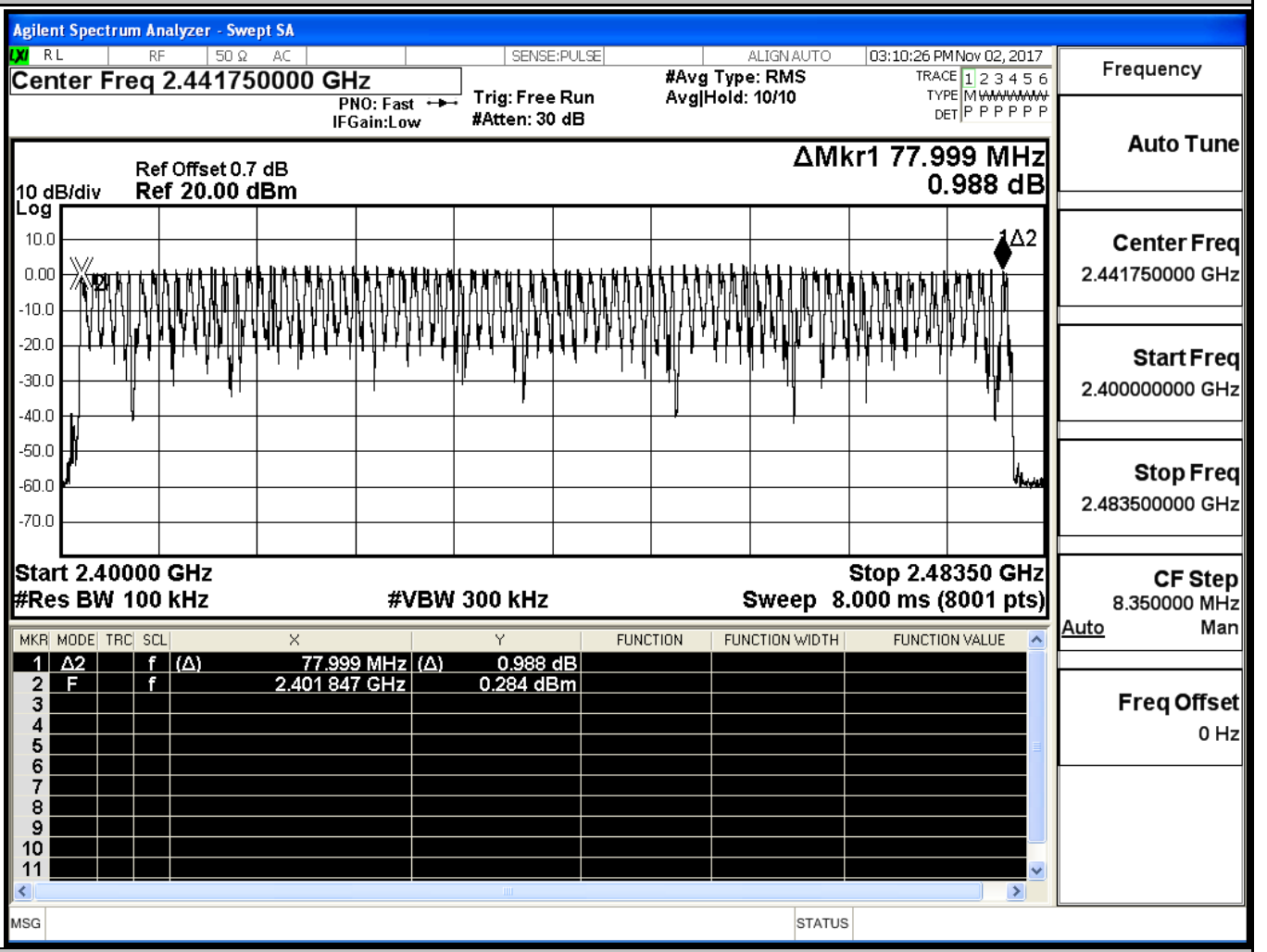
Dwell Time_3DH5_2480



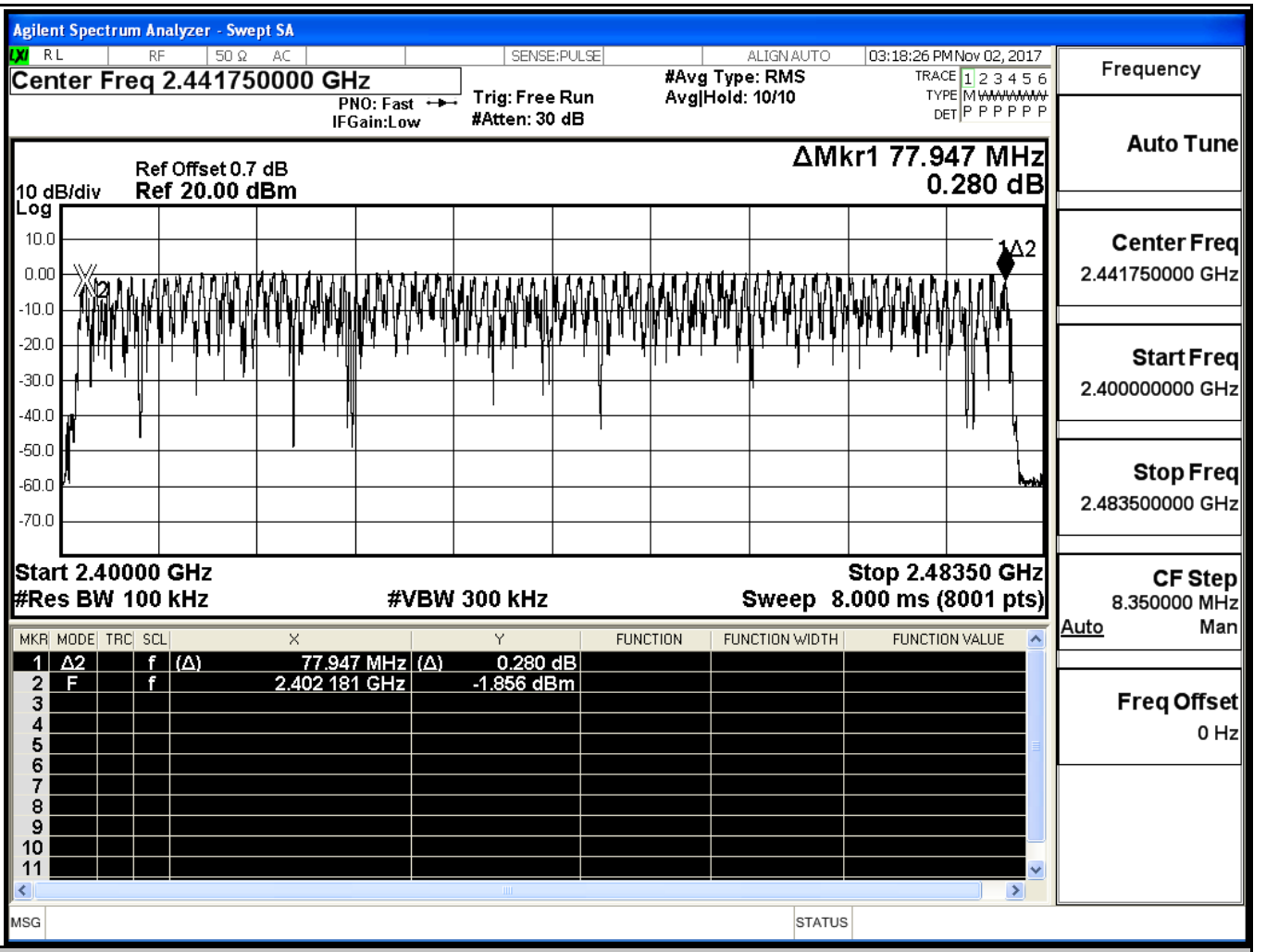
5.Hopping Channel Number

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

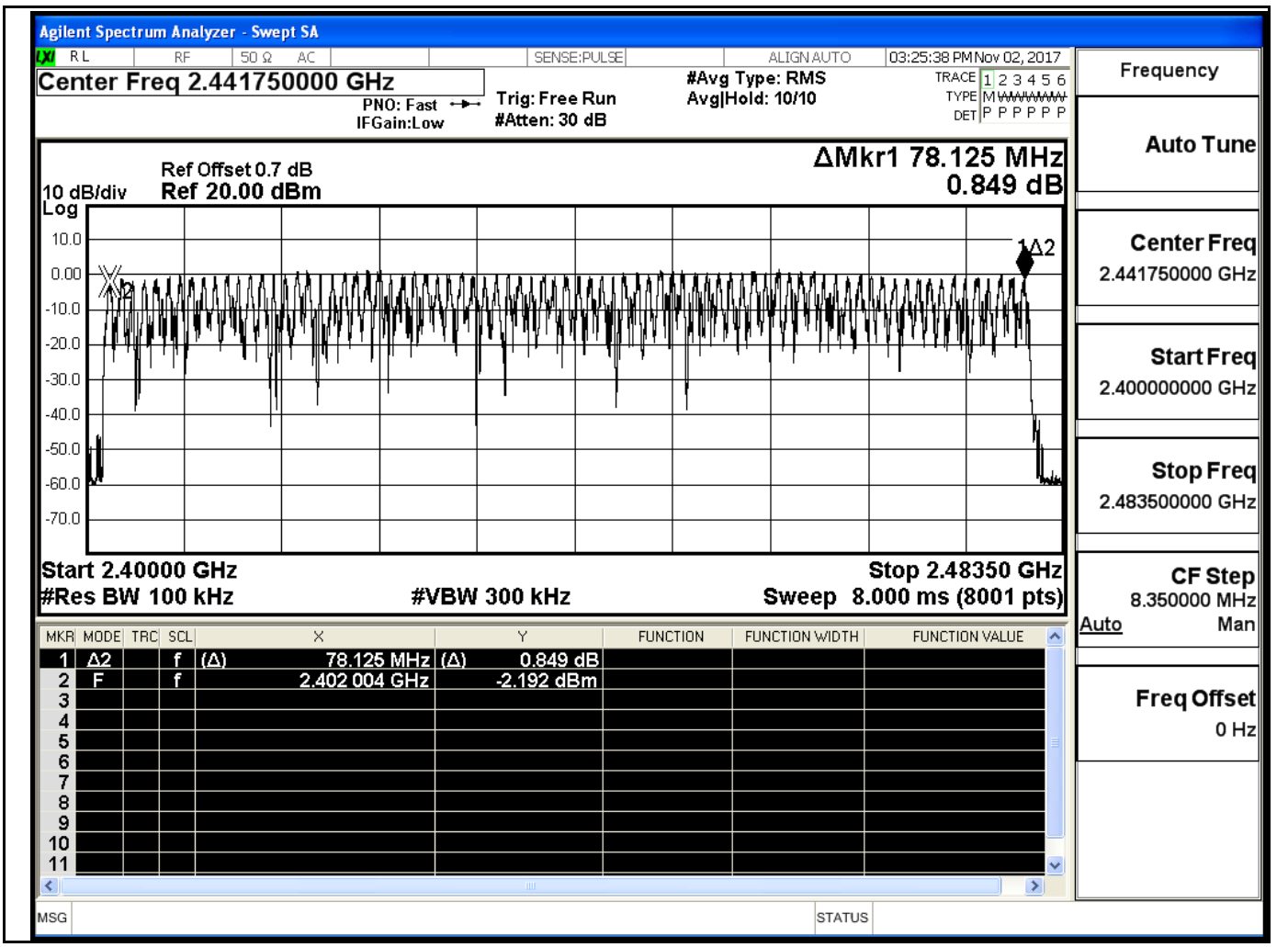
Hopping Channel Number_DH5_2402



Hopping Channel Number_2DH5_2402



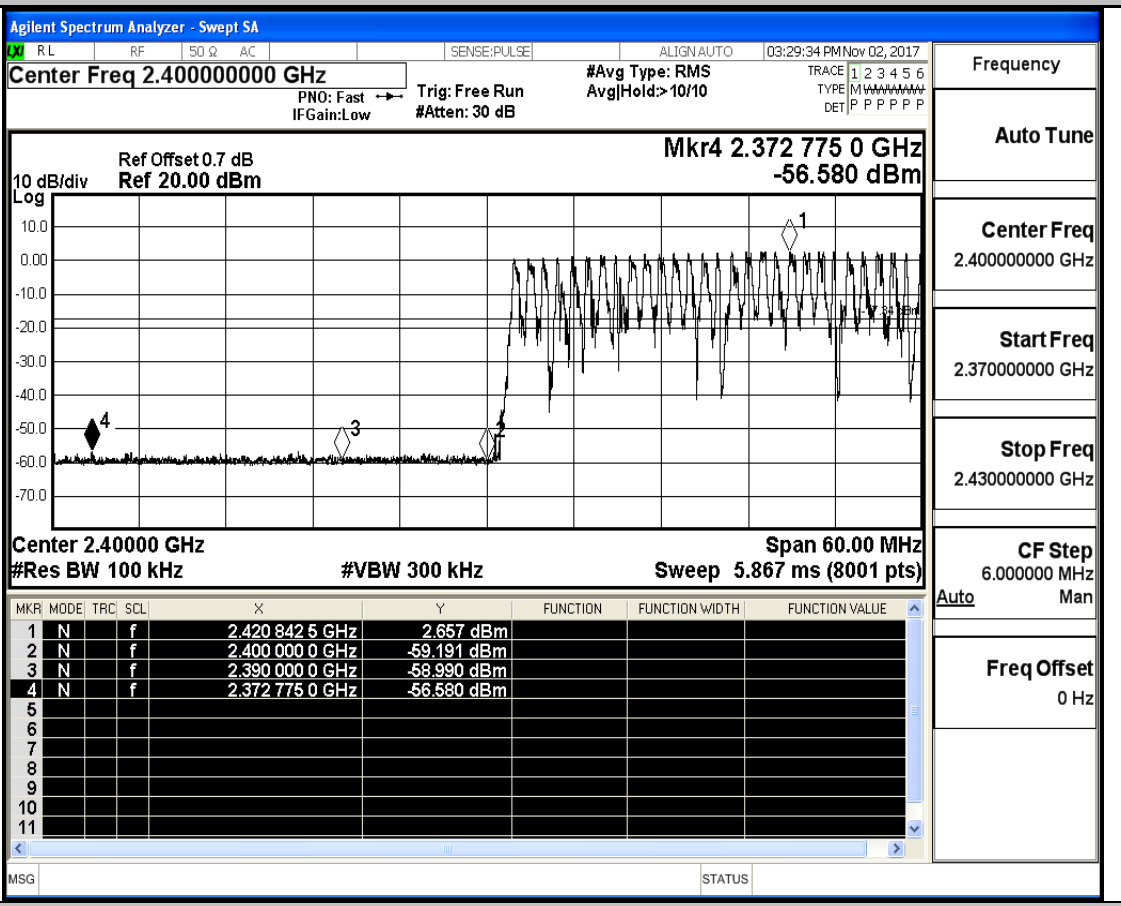
Hopping Channel Number_3DH5_2402


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:25:38 PM Nov 02, 2017
Center Freq 2.441750000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
ΔMkr1 78.125 MHz
0.849 dB
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Start 2.40000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.48350 GHz
Sweep 8.000 ms (8001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 Δ2 f (Δ) 78.125 MHz (Δ) 0.849 dB
2 F f 2.402 004 GHz -2.192 dBm
Frequency
Auto Tune
Center Freq
2.441750000 GHz
Start Freq
2.400000000 GHz
Stop Freq
2.483500000 GHz
CF Step
8.350000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

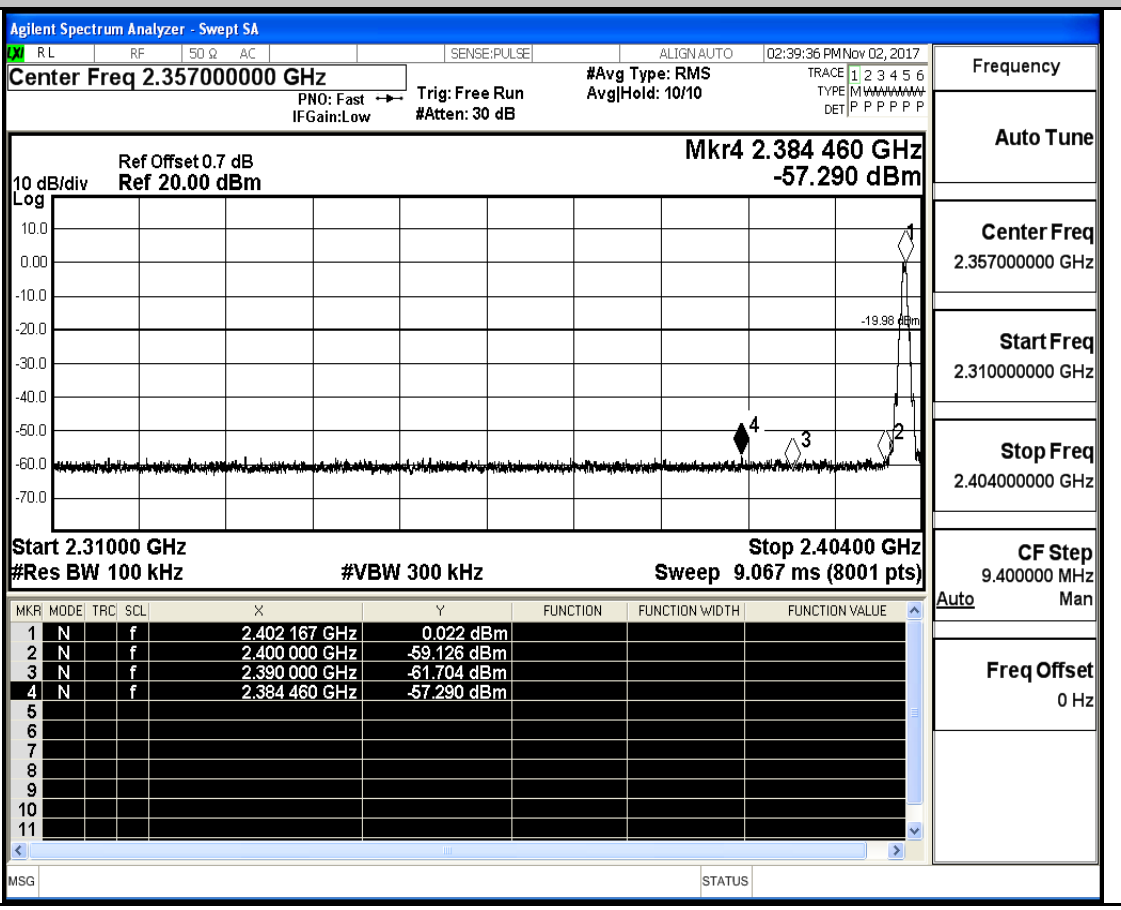
6.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	2.657	-56.580	-17.34	PASS
DH5	2402	Off	0.022	-57.290	-19.98	PASS
DH5	2480	On	3.064	-56.594	-16.94	PASS
DH5	2480	Off	1.289	-57.412	-18.71	PASS
2DH5	2402	On	1.189	-57.334	-18.81	PASS
2DH5	2402	Off	-2.297	-57.660	-22.3	PASS
2DH5	2480	On	1.703	-56.919	-18.3	PASS
2DH5	2480	Off	-0.309	-56.738	-20.31	PASS
3DH5	2402	On	1.131	-57.205	-18.87	PASS
3DH5	2402	Off	-1.649	-57.452	-21.65	PASS
3DH5	2480	On	7.827	-30.574	-12.17	PASS
3DH5	2480	Off	-0.258	-57.042	-20.26	PASS

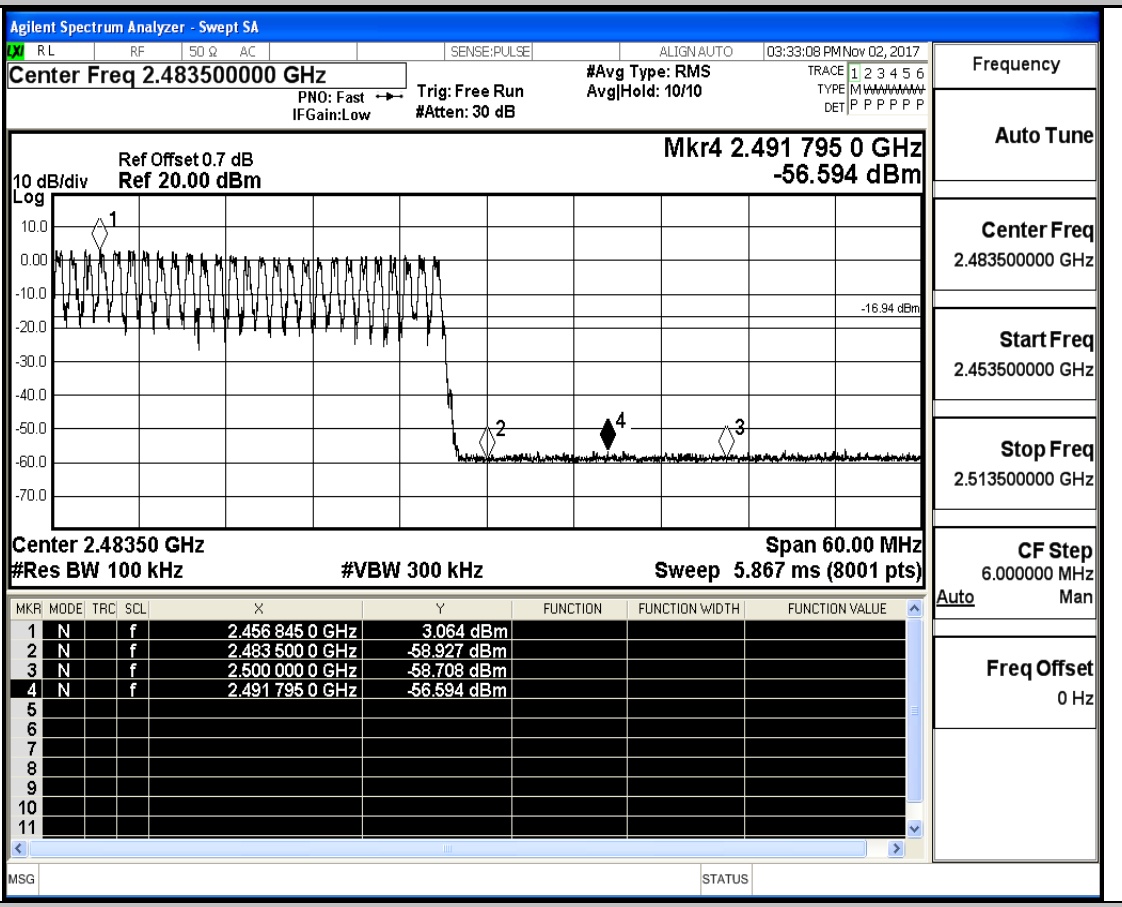
Band-edge for RF Conducted Emissions_DH5_2402_Hopping On



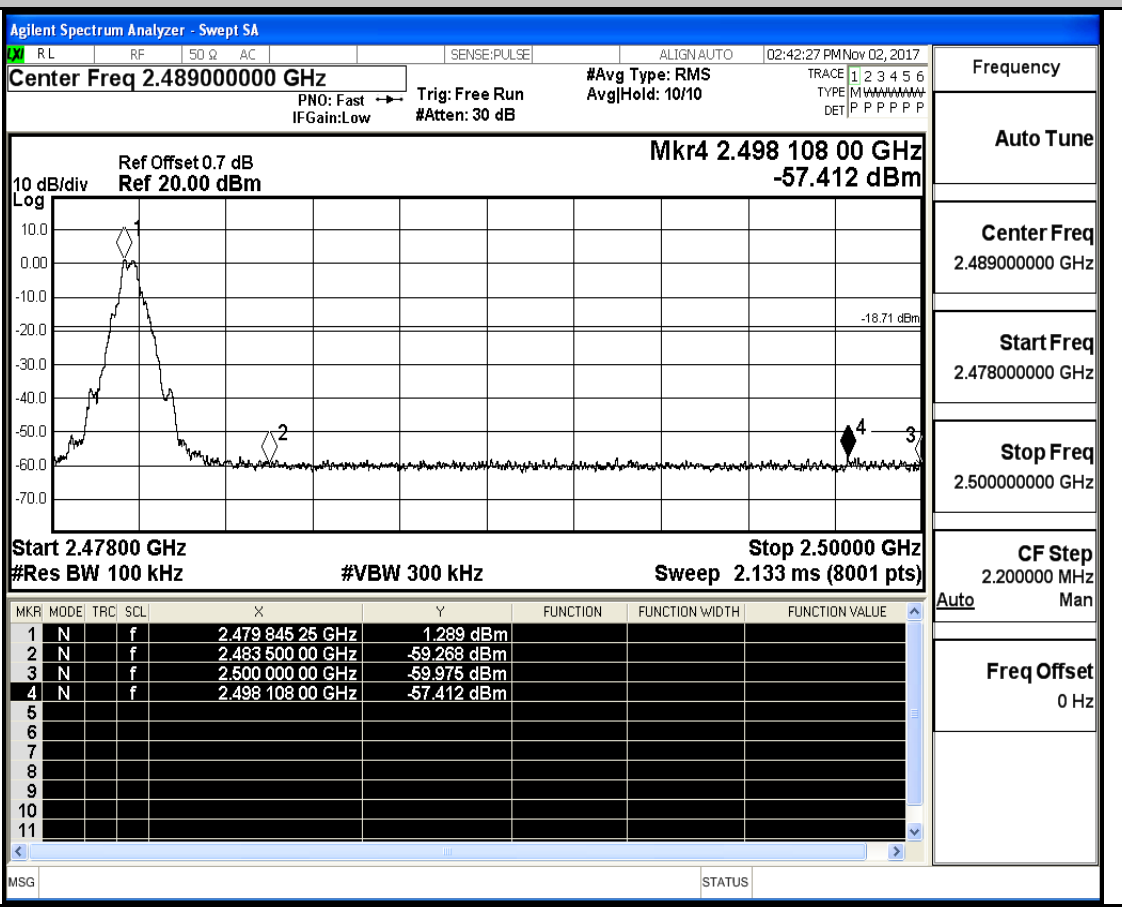
Band-edge for RF Conducted Emissions_DH5_2402_Hopping Off



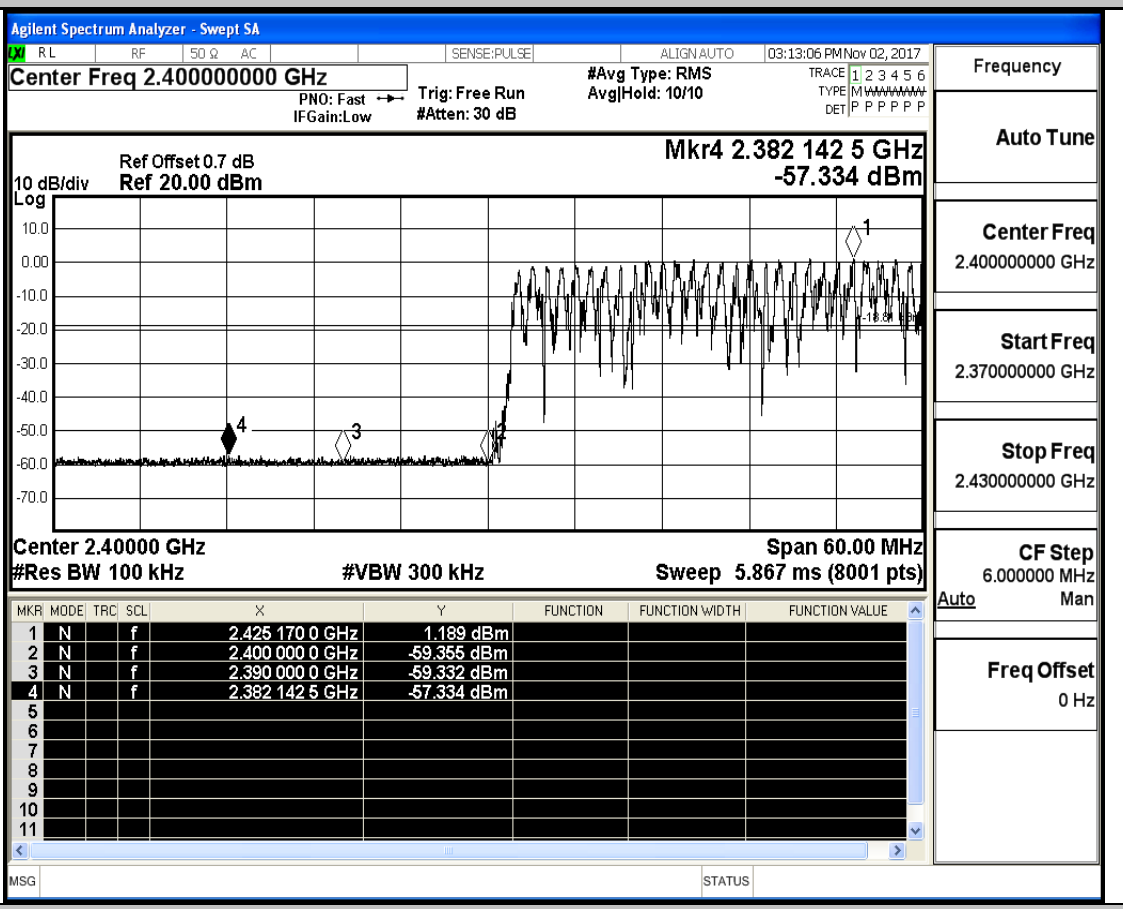
Band-edge for RF Conducted Emissions_DH5_2480_Hopping On



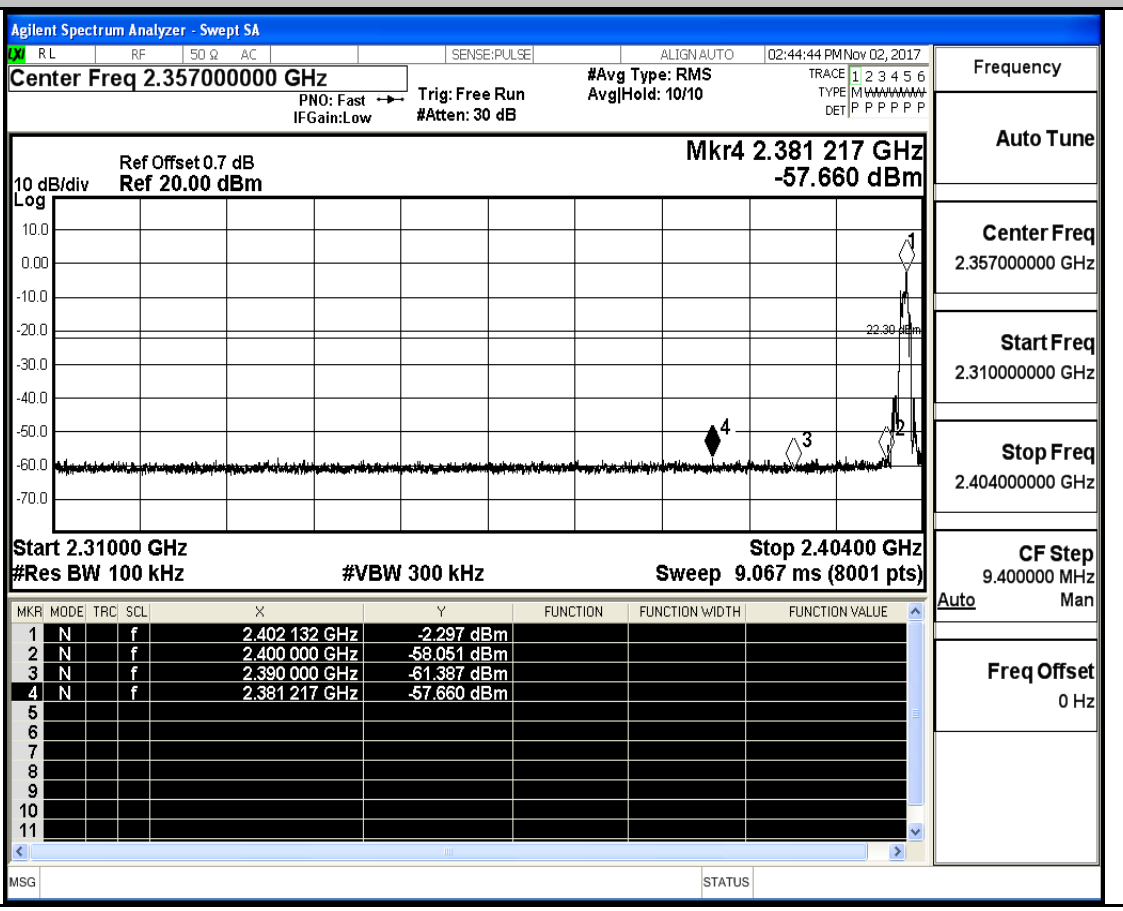
Band-edge for RF Conducted Emissions_DH5_2480_Hopping Off



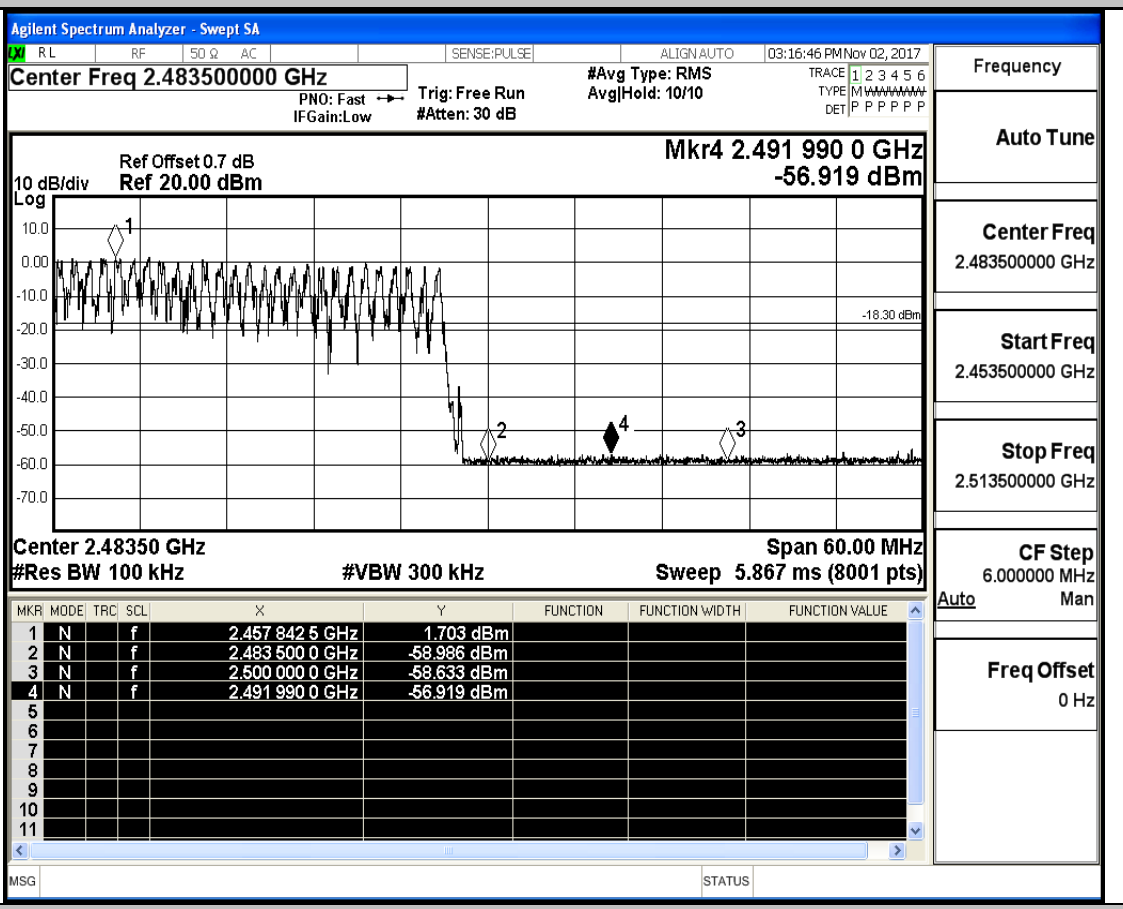
Band-edge for RF Conducted Emissions_2DH5_2402_Hopping On



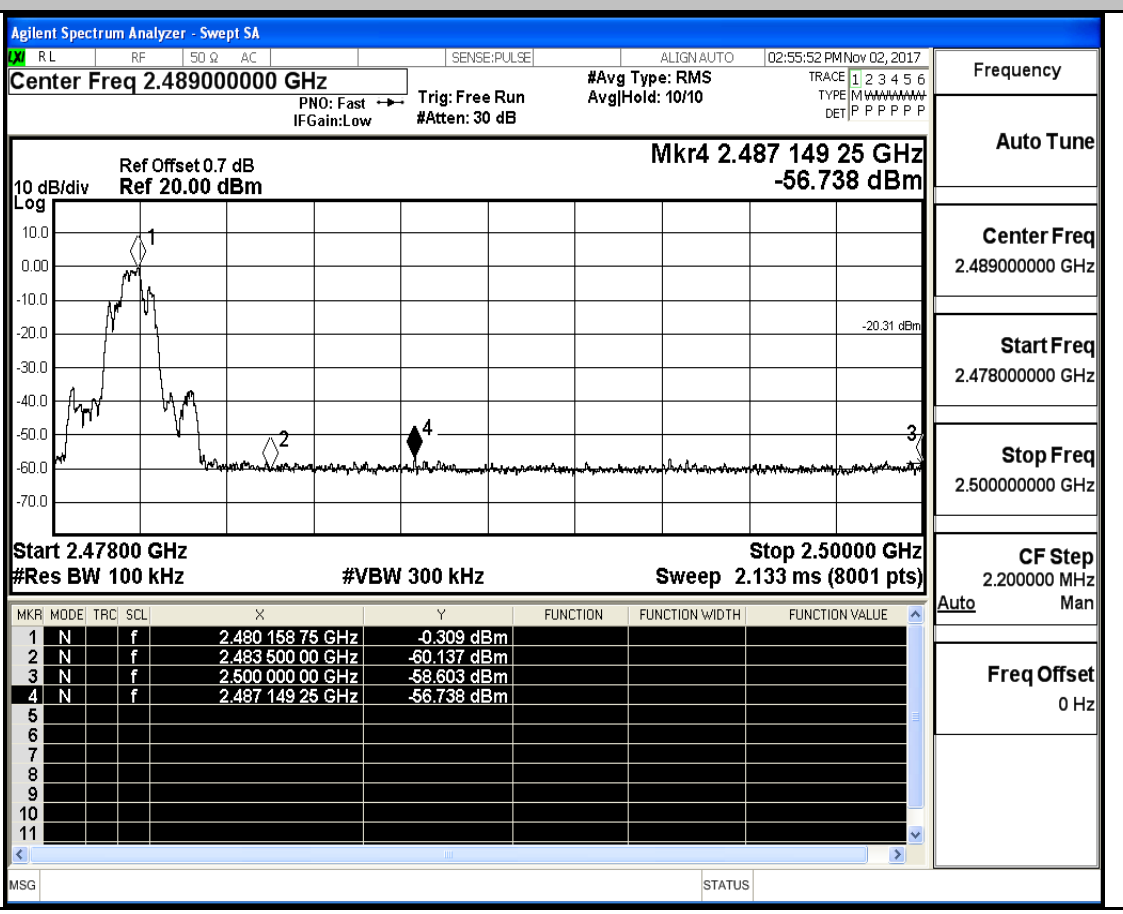
Band-edge for RF Conducted Emissions_2DH5_2402_Hopping Off



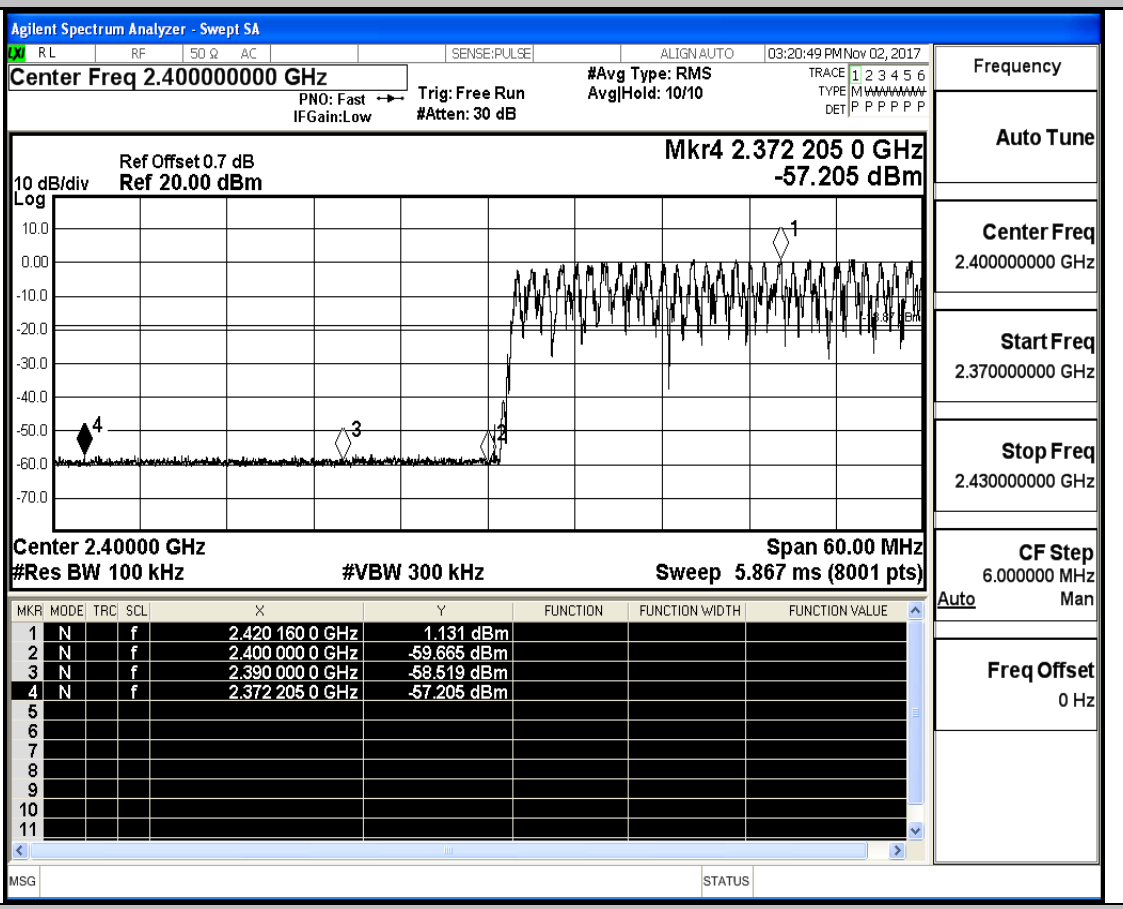
Band-edge for RF Conducted Emissions_2DH5_2480_Hopping On



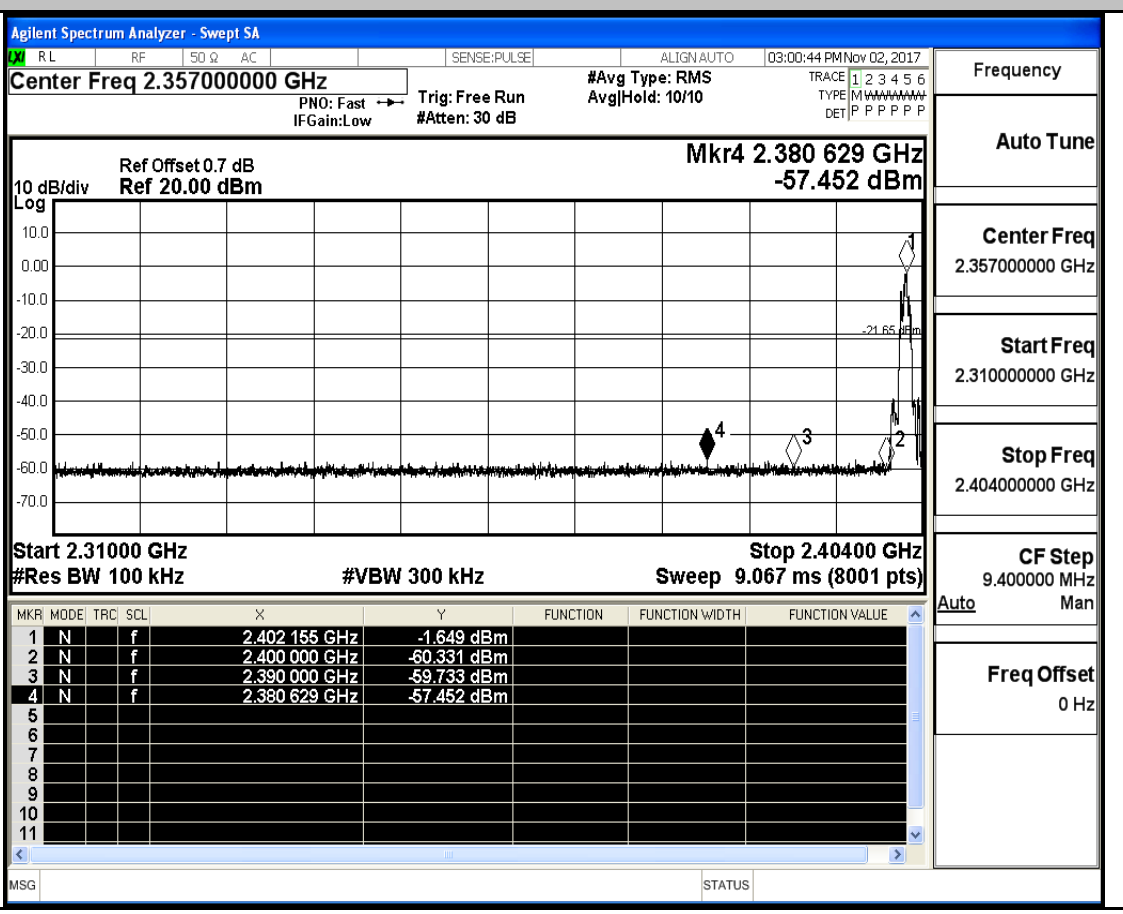
Band-edge for RF Conducted Emissions_2DH5_2480_Hopping Off



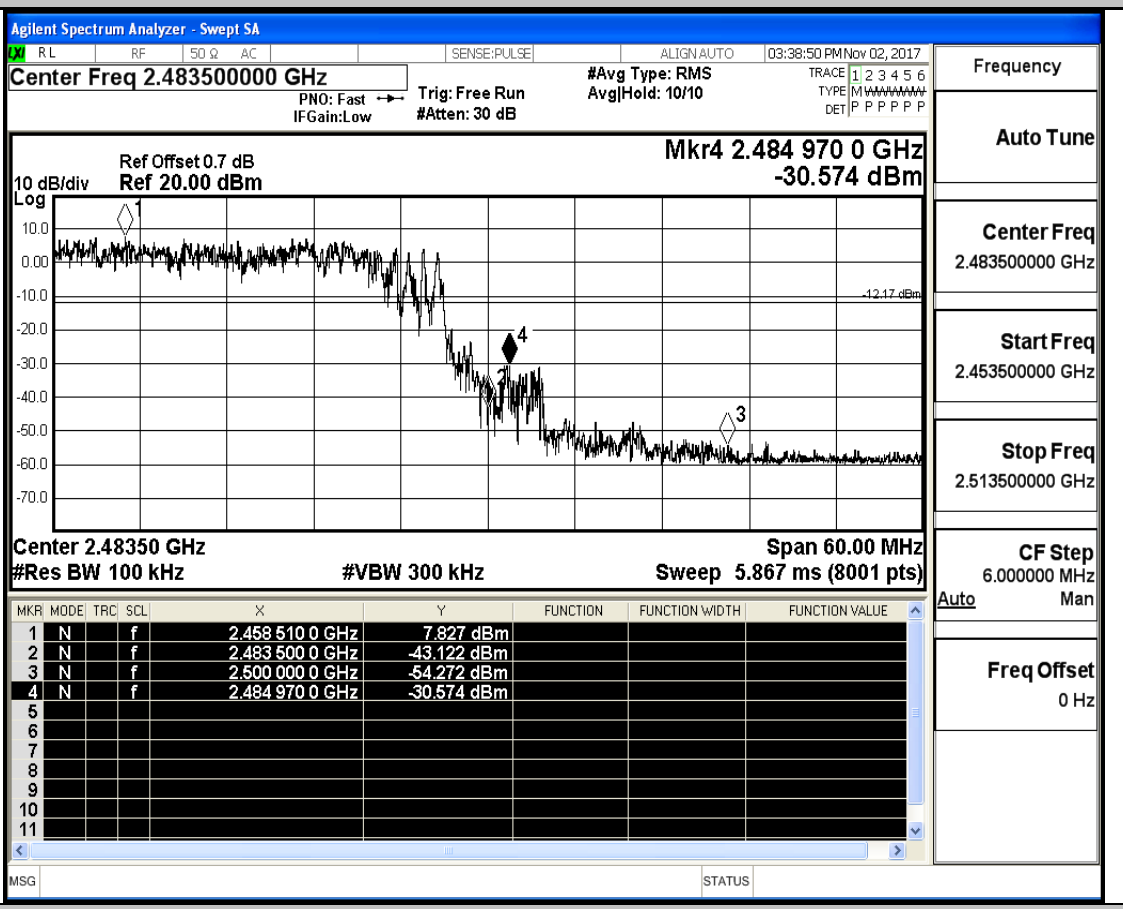
Band-edge for RF Conducted Emissions_3DH5_2402_Hopping On



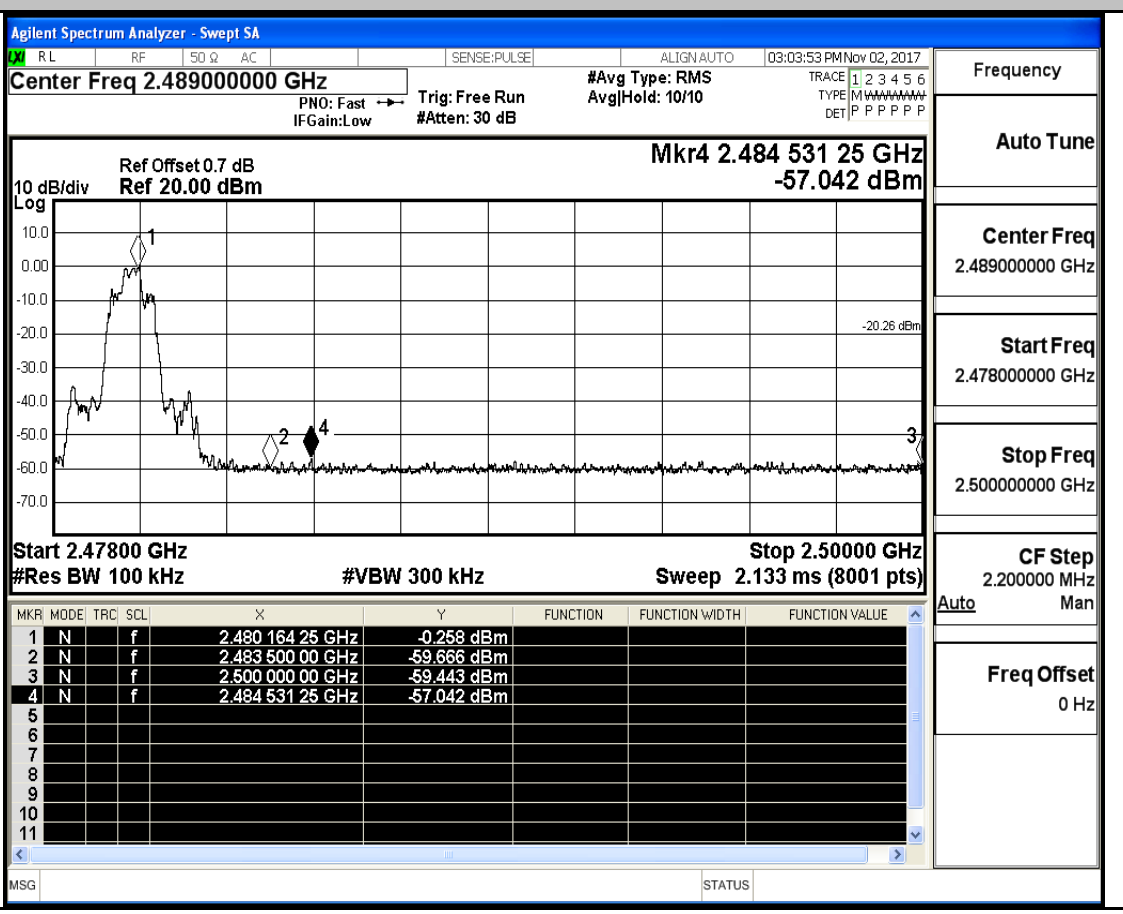
Band-edge for RF Conducted Emissions_3DH5_2402_Hopping Off



Band-edge for RF Conducted Emissions_3DH5_2480_Hopping On



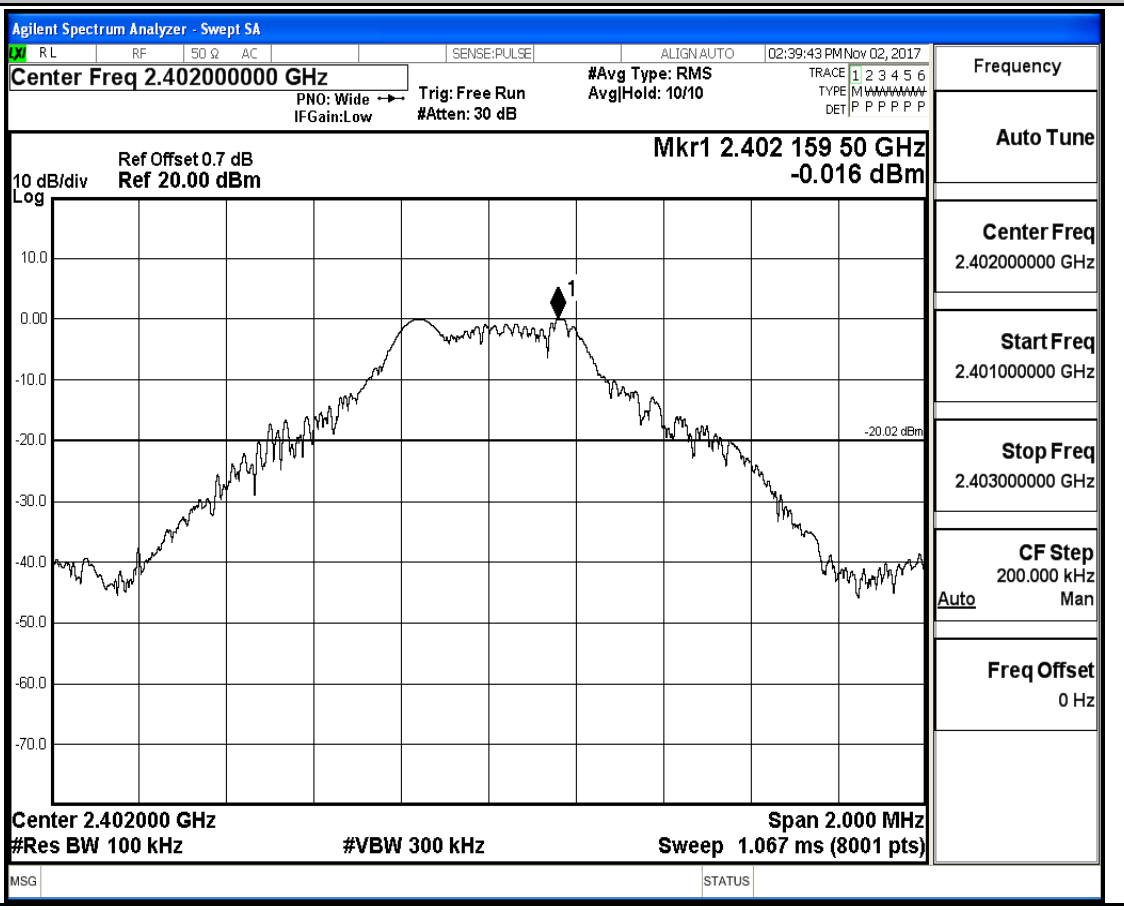
Band-edge for RF Conducted Emissions_3DH5_2480_Hopping Off

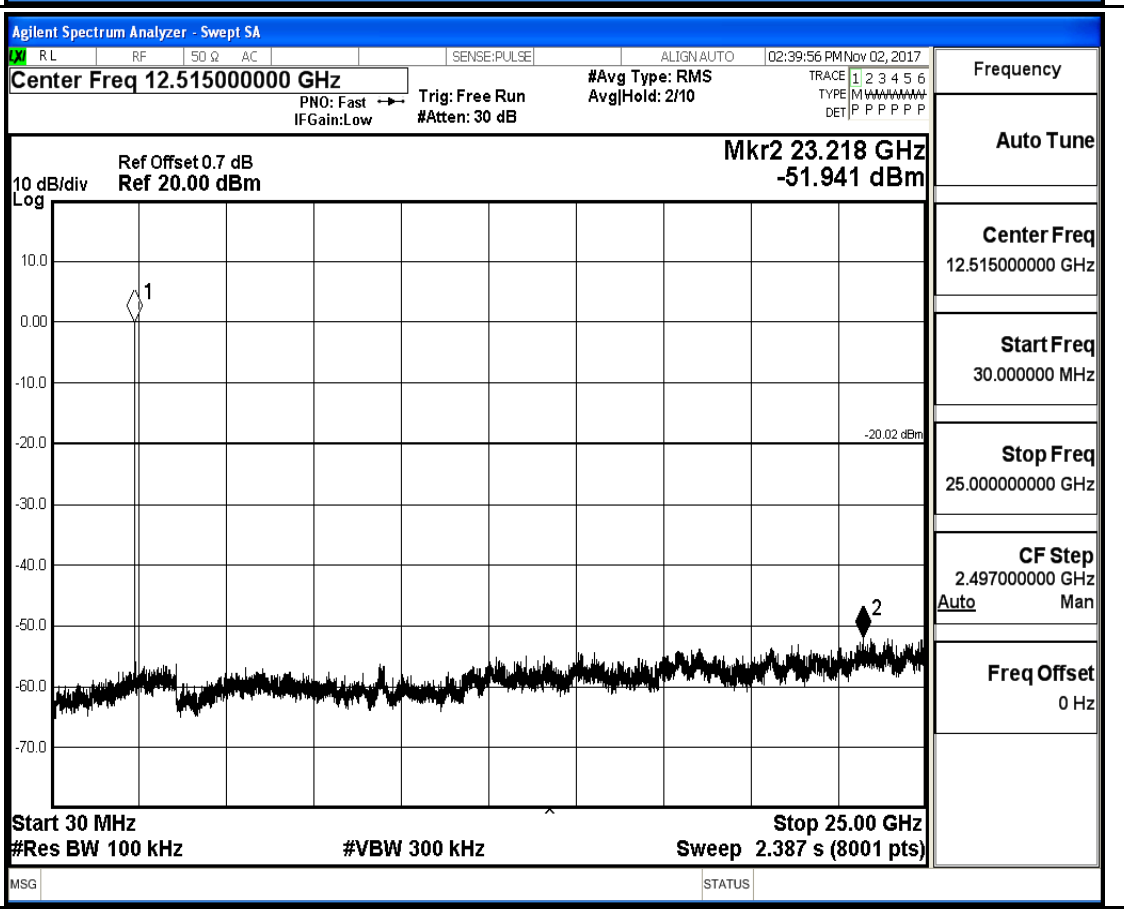


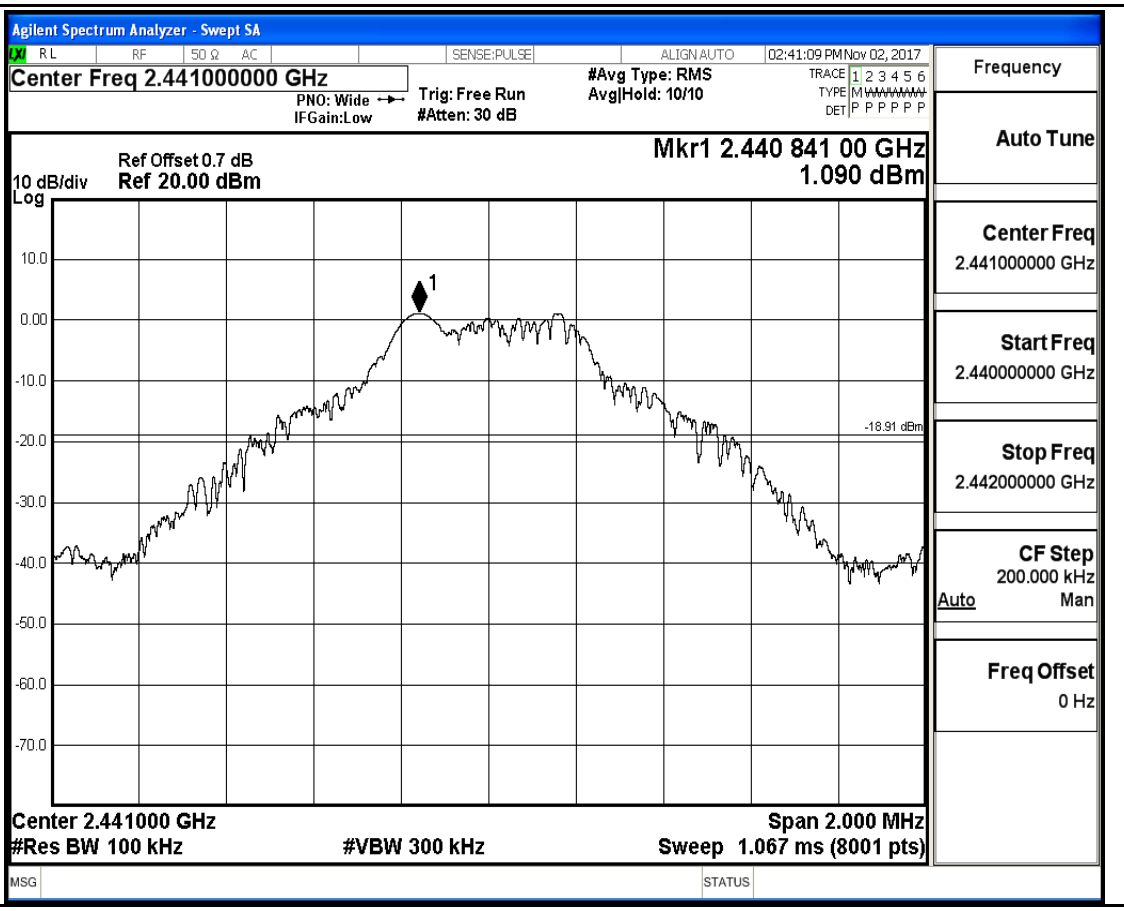
7.RF Conducted Spurious Emissions

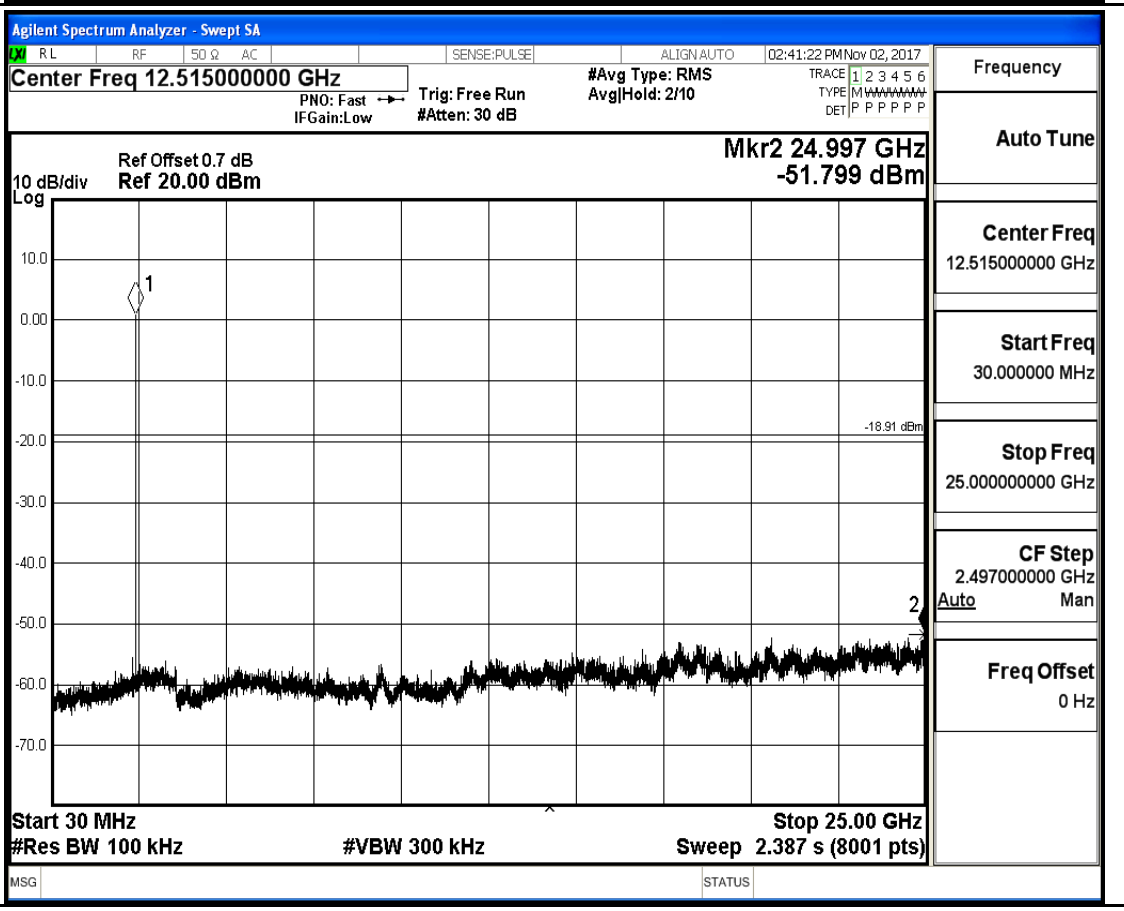
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	25000	100	300	-0.016	-51.941	<-20.016	PASS
DH5	2441	30	25000	100	300	1.09	-51.799	<-18.91	PASS
DH5	2480	30	25000	100	300	0.901	-51.799	<-19.099	PASS
2DH5	2402	30	25000	100	300	-1.54	-52.113	<-21.54	PASS
2DH5	2441	30	25000	100	300	-0.26	-51.510	<-20.26	PASS
2DH5	2480	30	25000	100	300	-0.247	-51.566	<-20.247	PASS
3DH5	2402	30	25000	100	300	-1.107	-52.265	<-21.107	PASS
3DH5	2441	30	25000	100	300	0.15	-52.515	<-19.85	PASS
3DH5	2480	30	25000	100	300	-0.31	-52.134	<-20.31	PASS

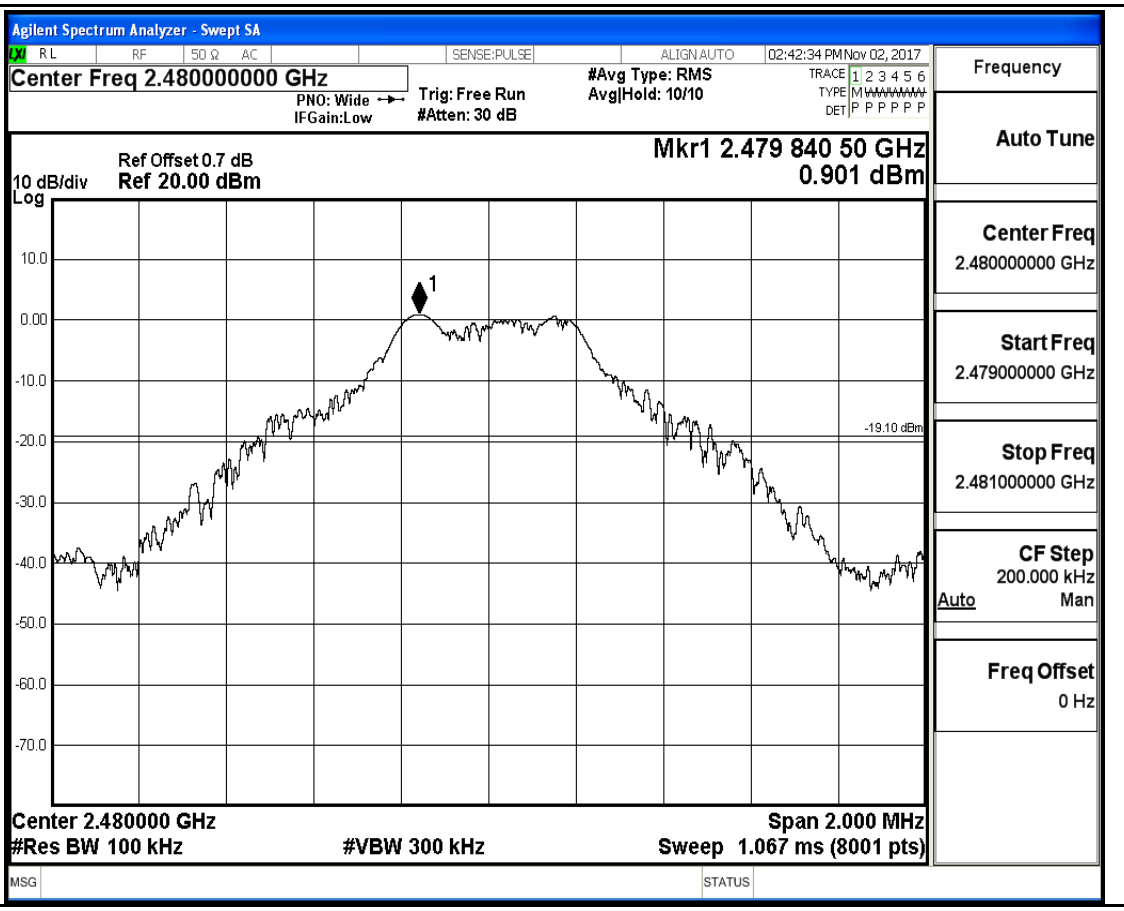
RF Conducted Spurious Emissions_DH5_2402

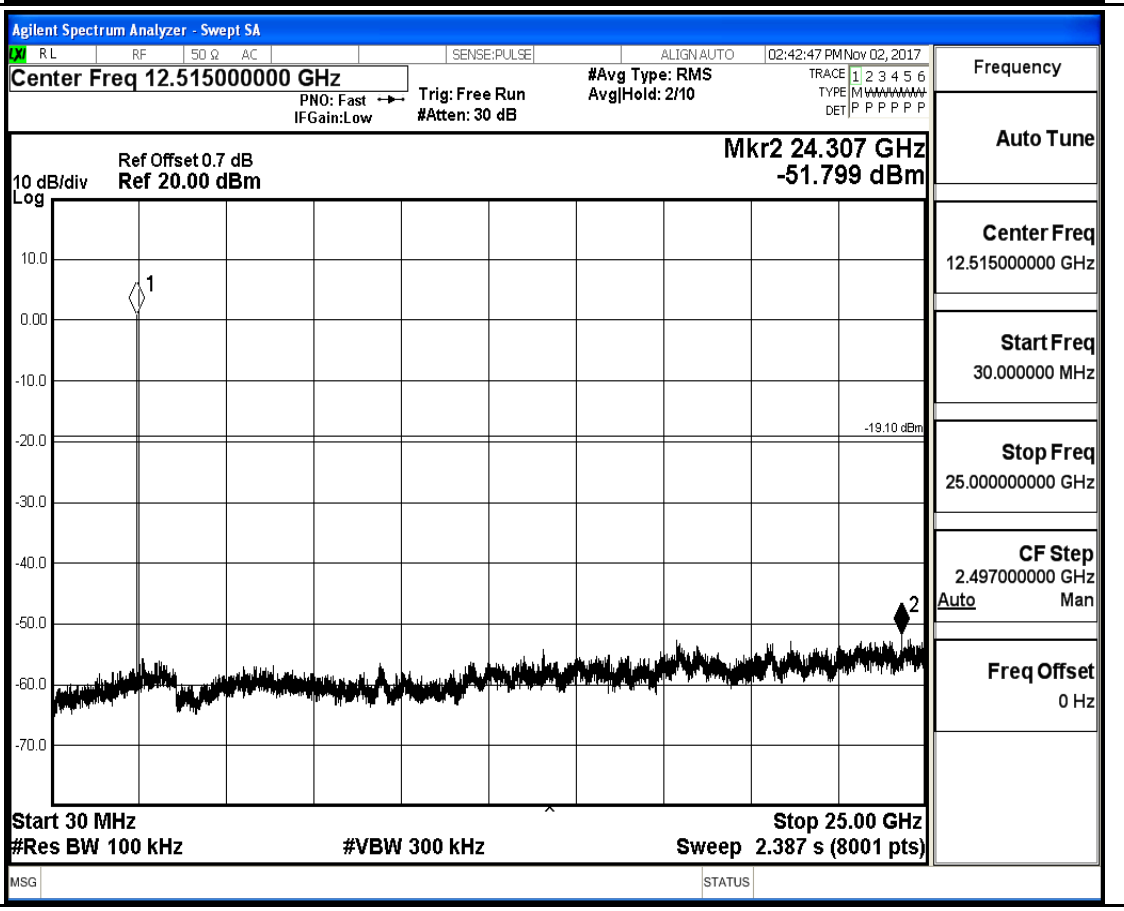


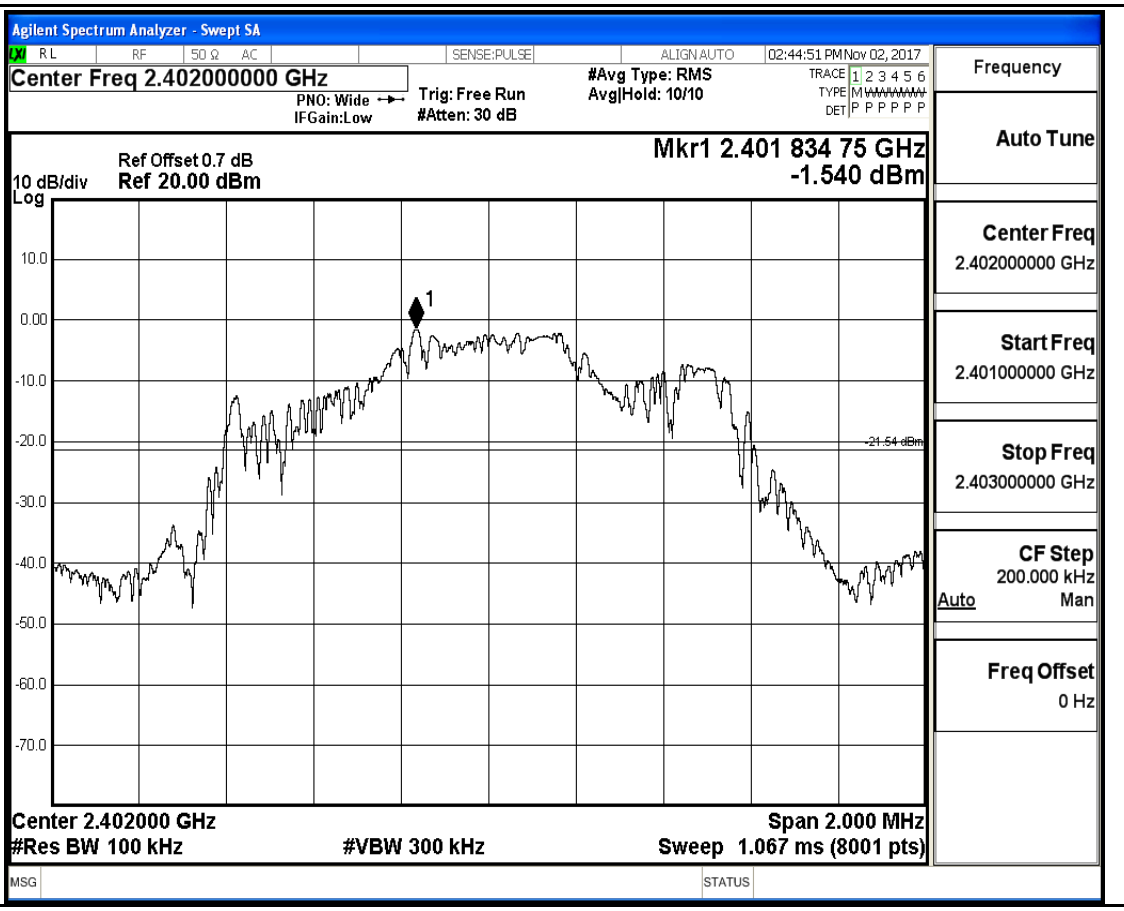


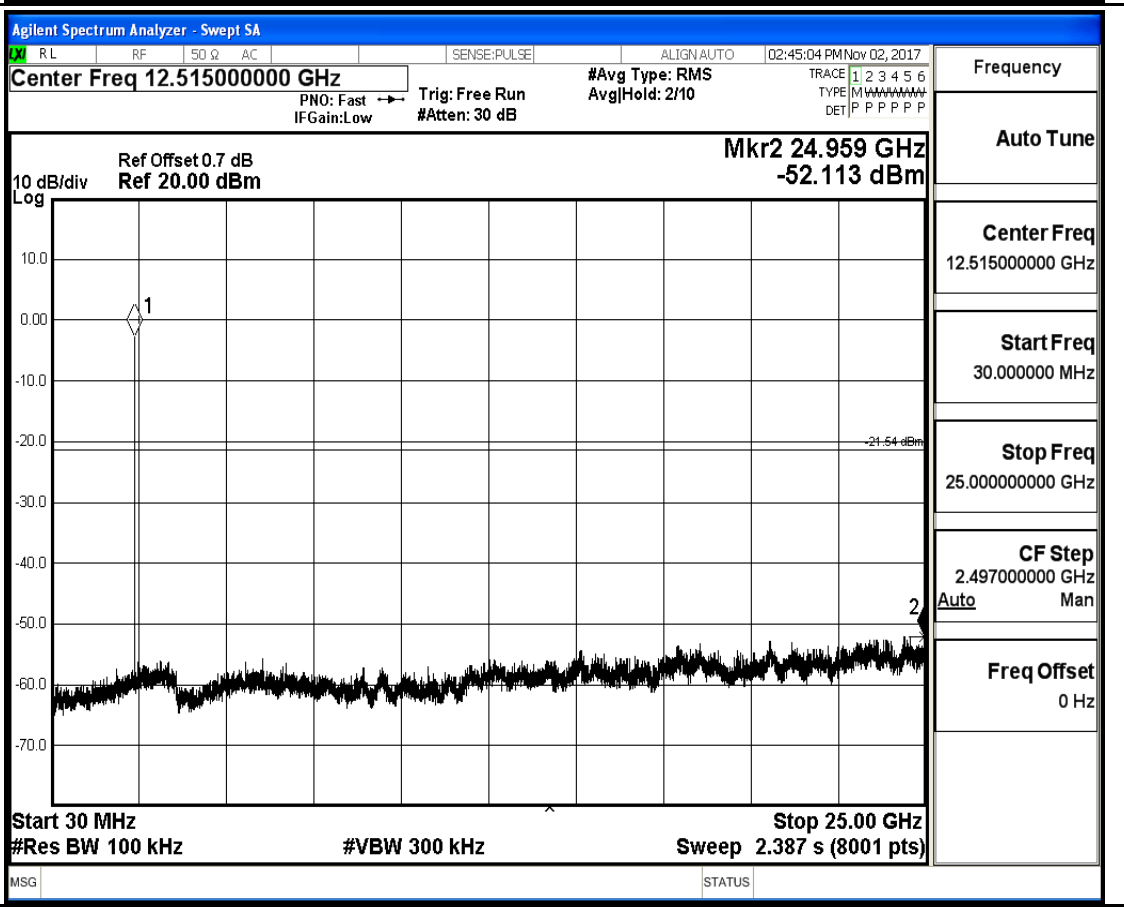

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:41:09 PM Nov 02, 2017
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.440 841 00 GHz
1.090 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-18.91 dBm
Center 2.441000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
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

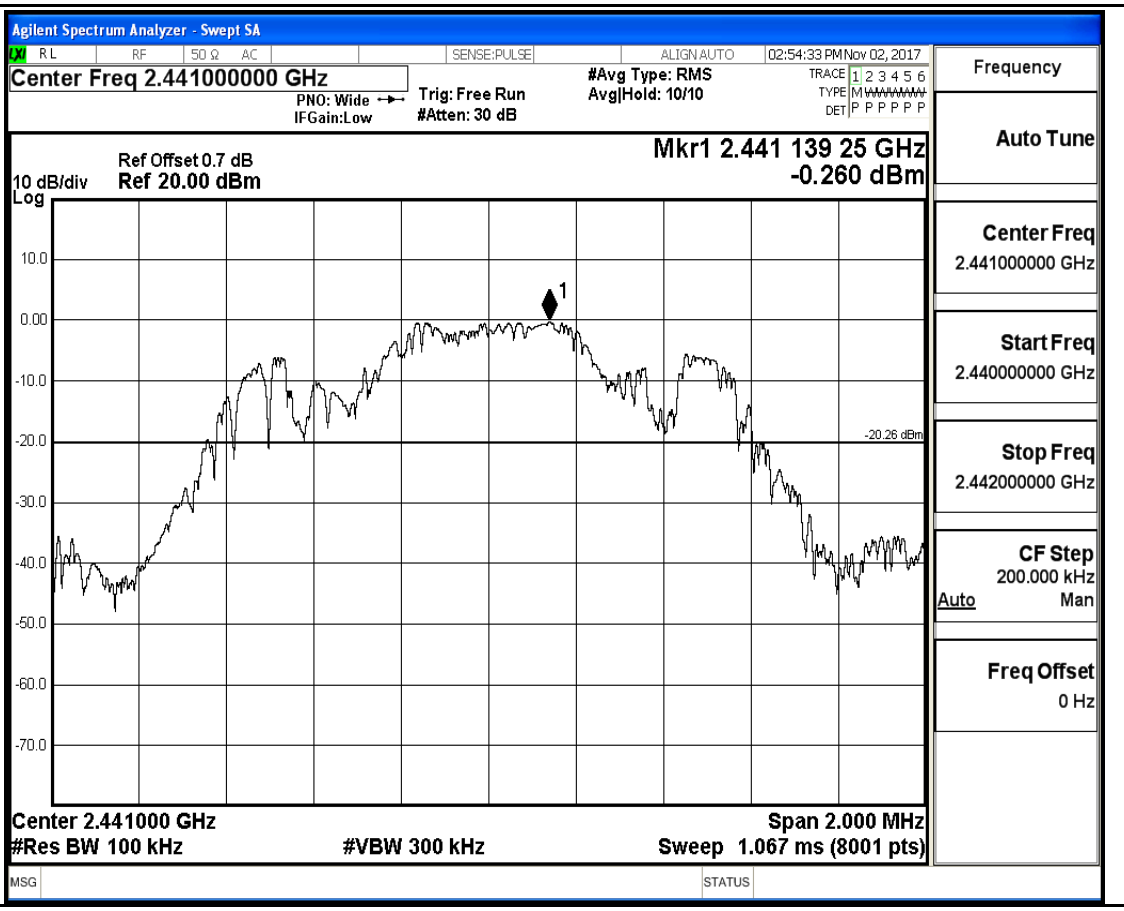

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:41:22 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 24.997 GHz
-51.799 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-18.91 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

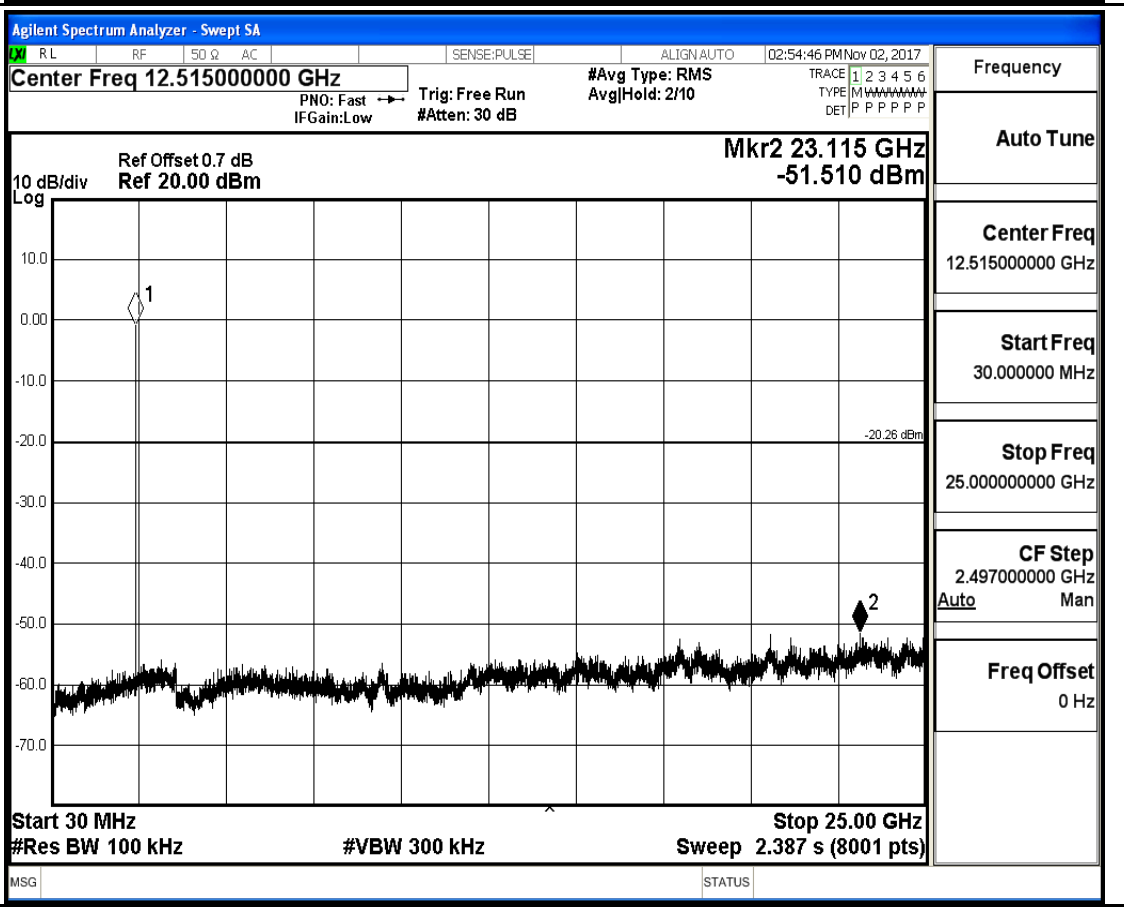

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:42:34 PM Nov 02, 2017
Center Freq 2.480000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.479 840 50 GHz
0.901 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-19.10 dBm
Center 2.480000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.479000000 GHz
Stop Freq
2.481000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

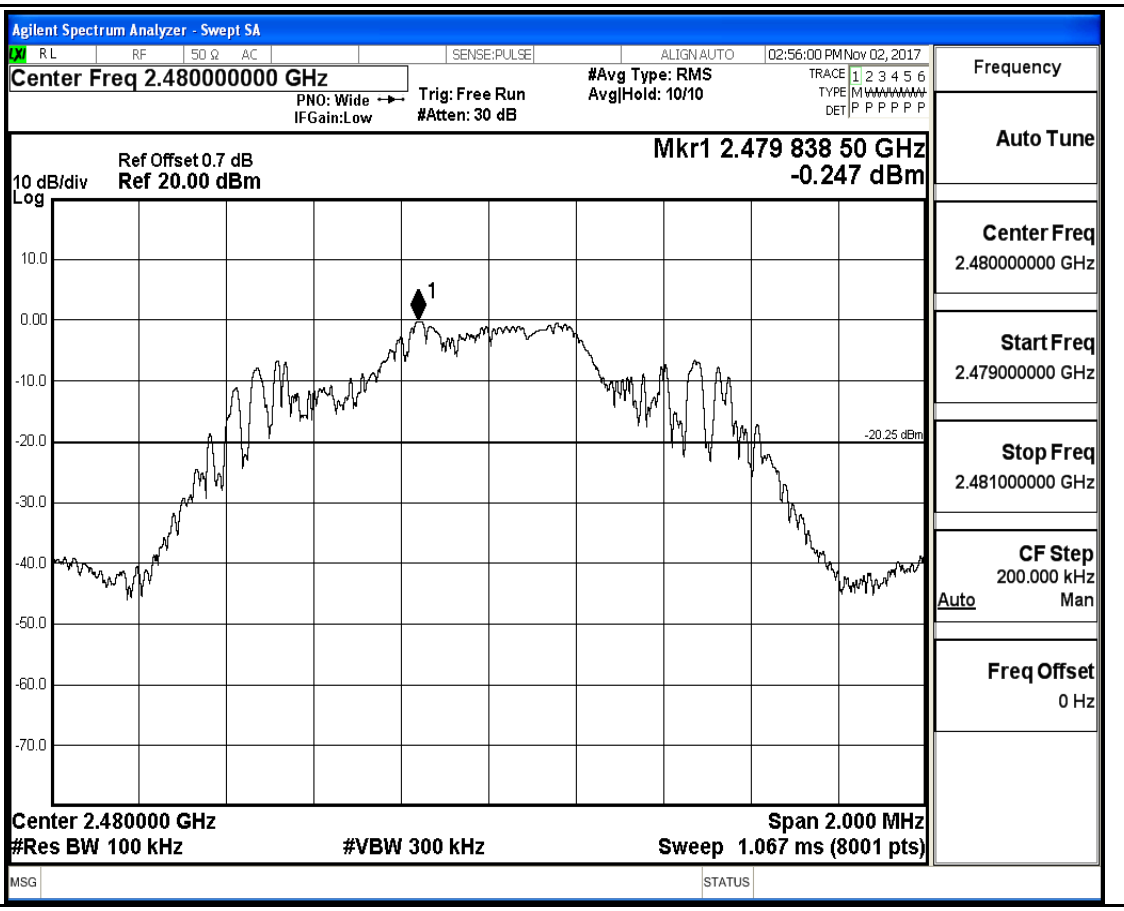

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:42:47 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr2 24.307 GHz
-51.799 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-19.10 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

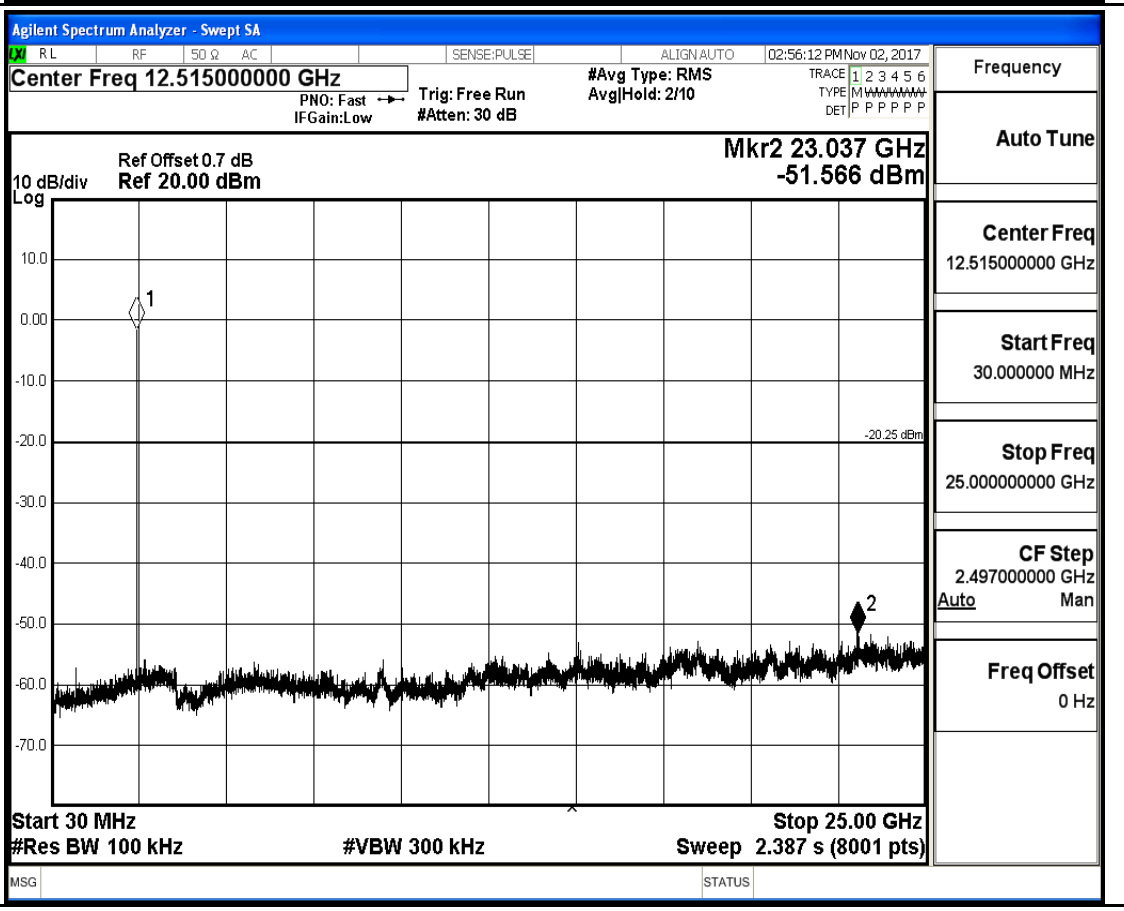

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:44:51 PM Nov 02, 2017
Center Freq 2.402000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.401 834 75 GHz
-1.540 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.54 dBm
Center 2.402000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.402000000 GHz
Start Freq
2.401000000 GHz
Stop Freq
2.403000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

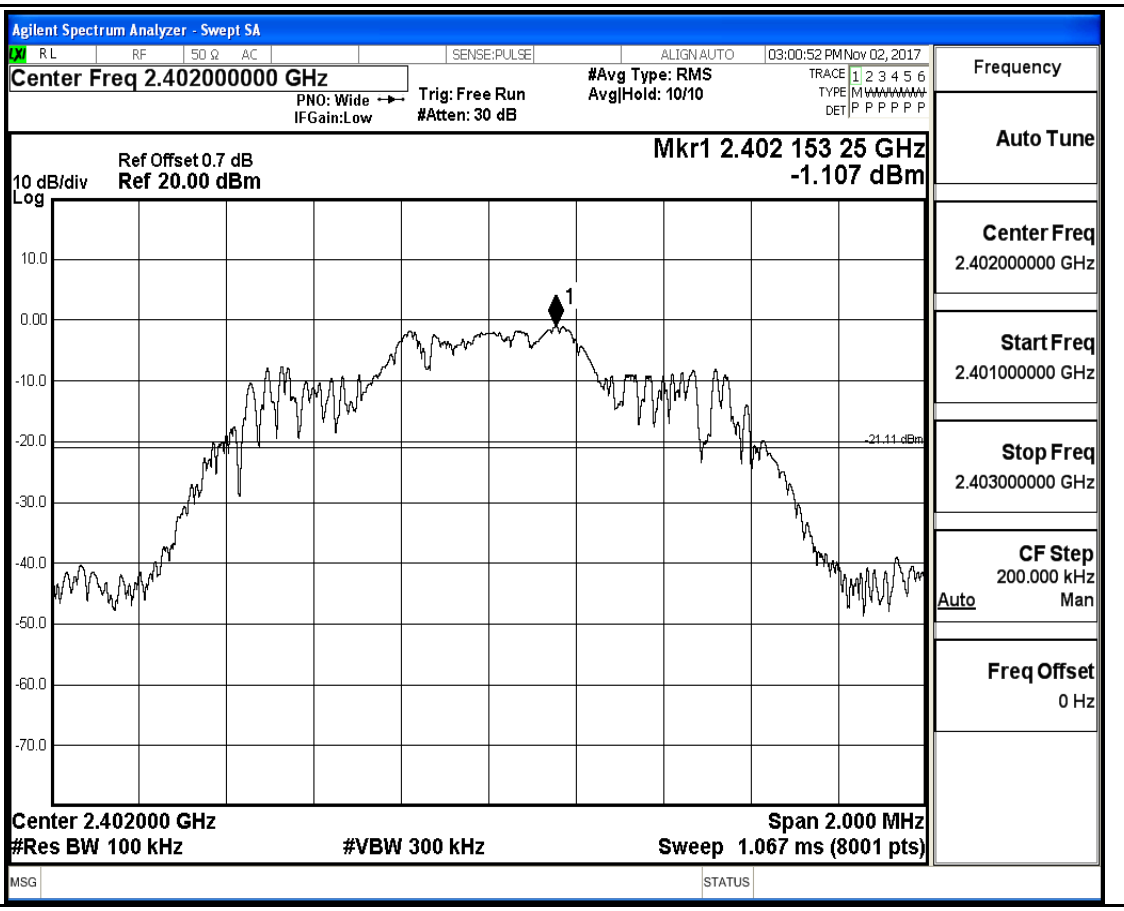

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:45:04 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 24.959 GHz
-52.113 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.54 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

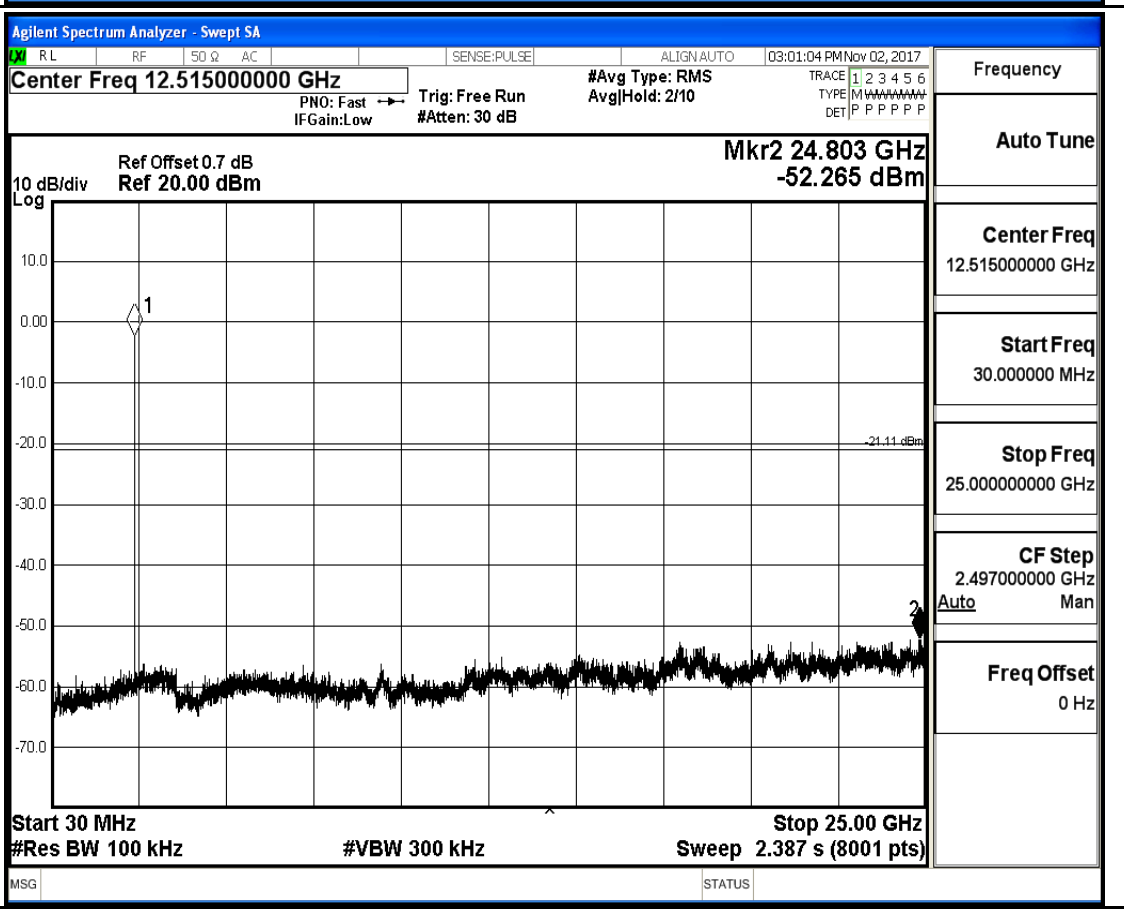

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:54:33 PM Nov 02, 2017
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.441 139 25 GHz
-0.260 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.26 dBm
Center 2.441000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
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

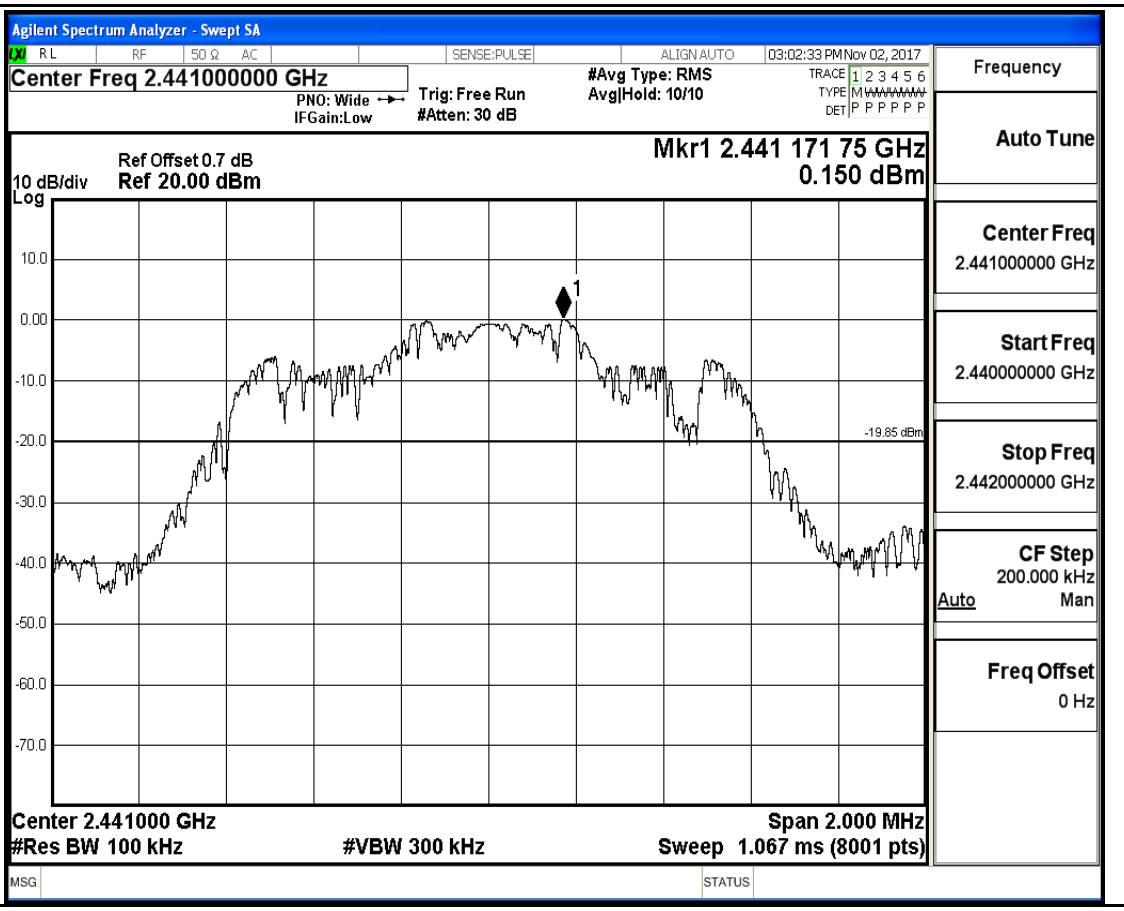

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:54:46 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 23.115 GHz
-51.510 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.26 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

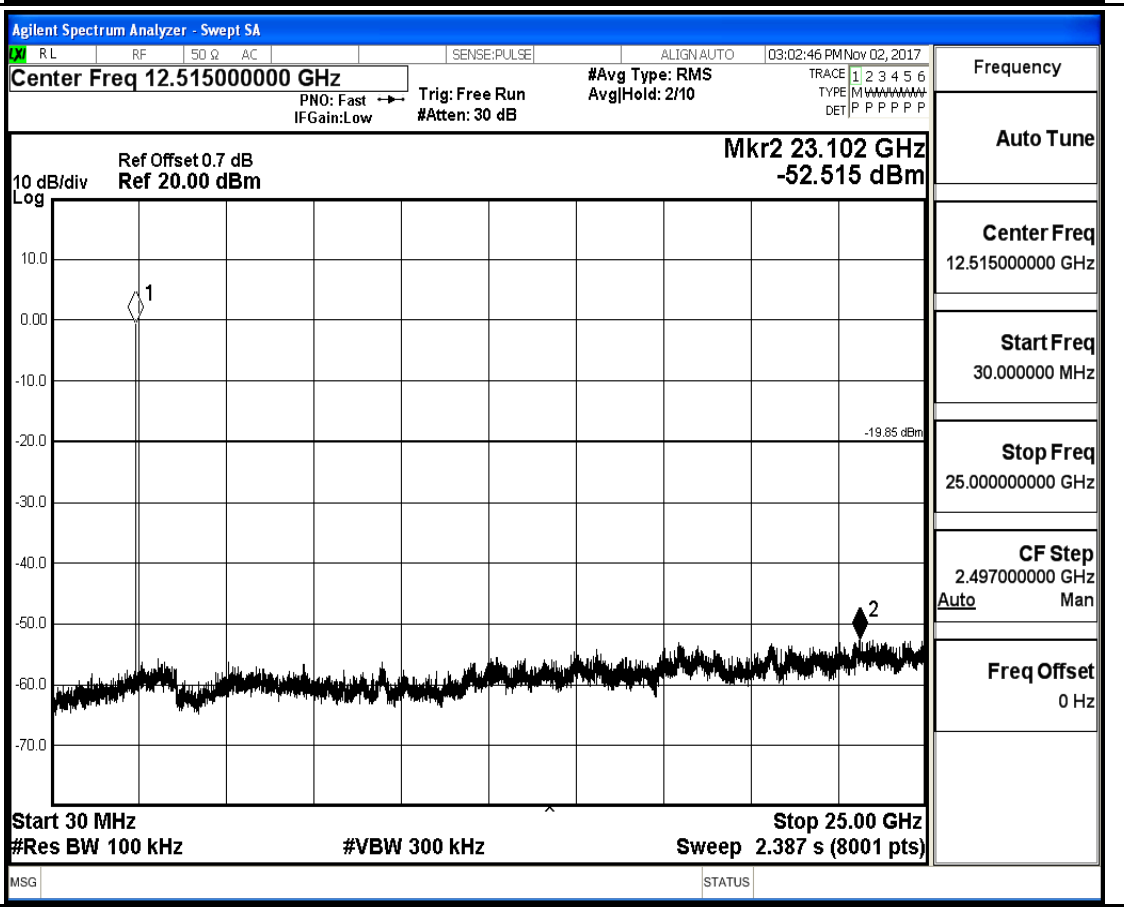

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:56:00 PM Nov 02, 2017
Center Freq 2.480000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.479 838 50 GHz
-0.247 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.25 dBm
Center 2.480000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.479000000 GHz
Stop Freq
2.481000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

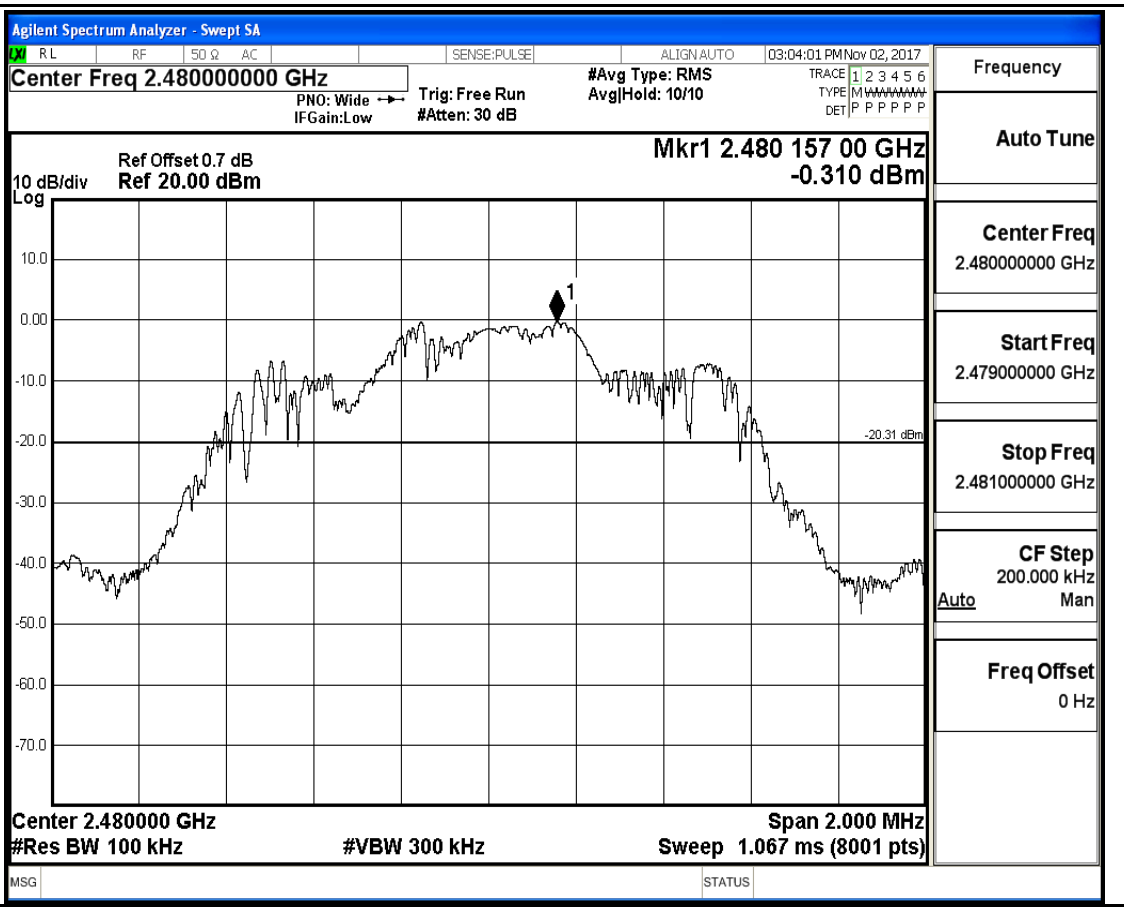

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
02:56:12 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr2 23.037 GHz
-51.566 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.25 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

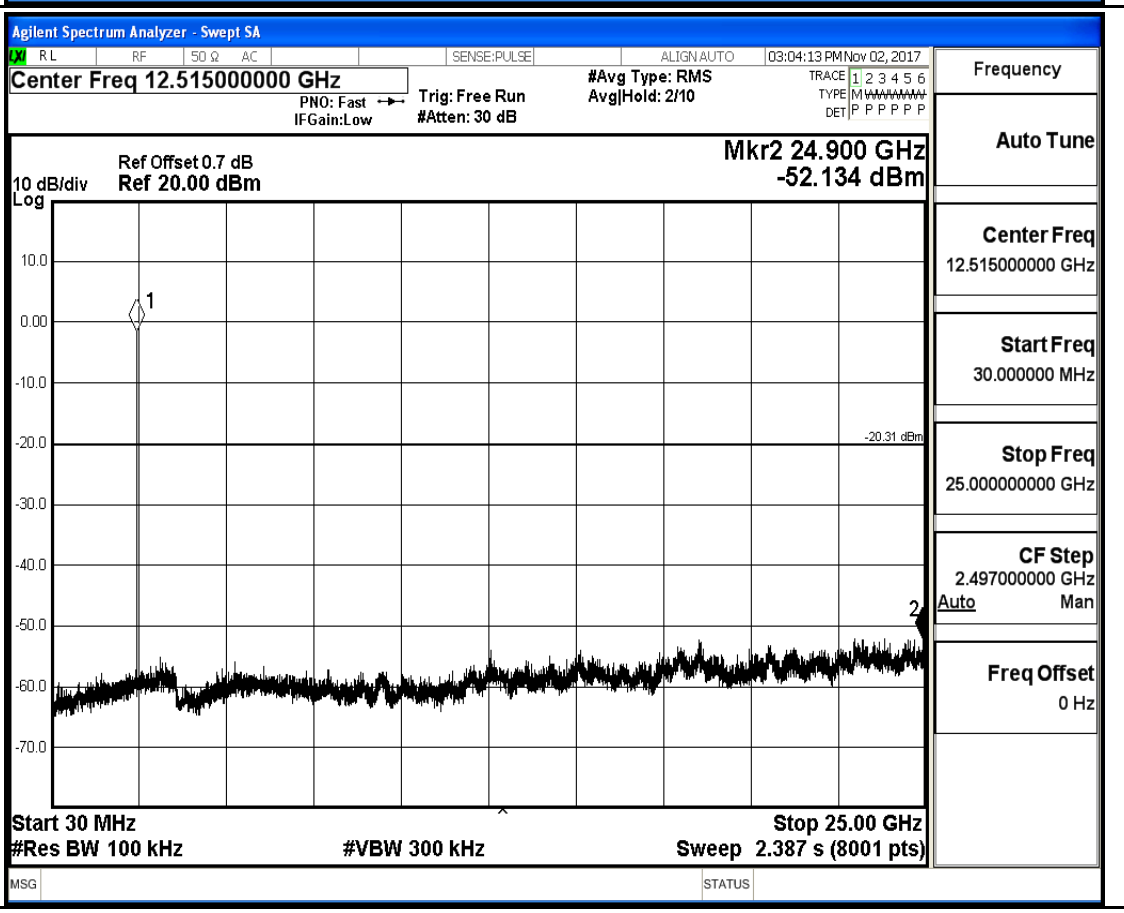

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:00:52 PM Nov 02, 2017
Center Freq 2.402000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.402 153 25 GHz
-1.107 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.11 dBm
Center 2.402000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.402000000 GHz
Start Freq
2.401000000 GHz
Stop Freq
2.403000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:01:04 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 24.803 GHz
-52.265 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.11 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:02:33 PM Nov 02, 2017
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.441 171 75 GHz
0.150 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-19.85 dBm
Center 2.441000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
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


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:02:46 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 23.102 GHz
-52.515 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-19.85 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

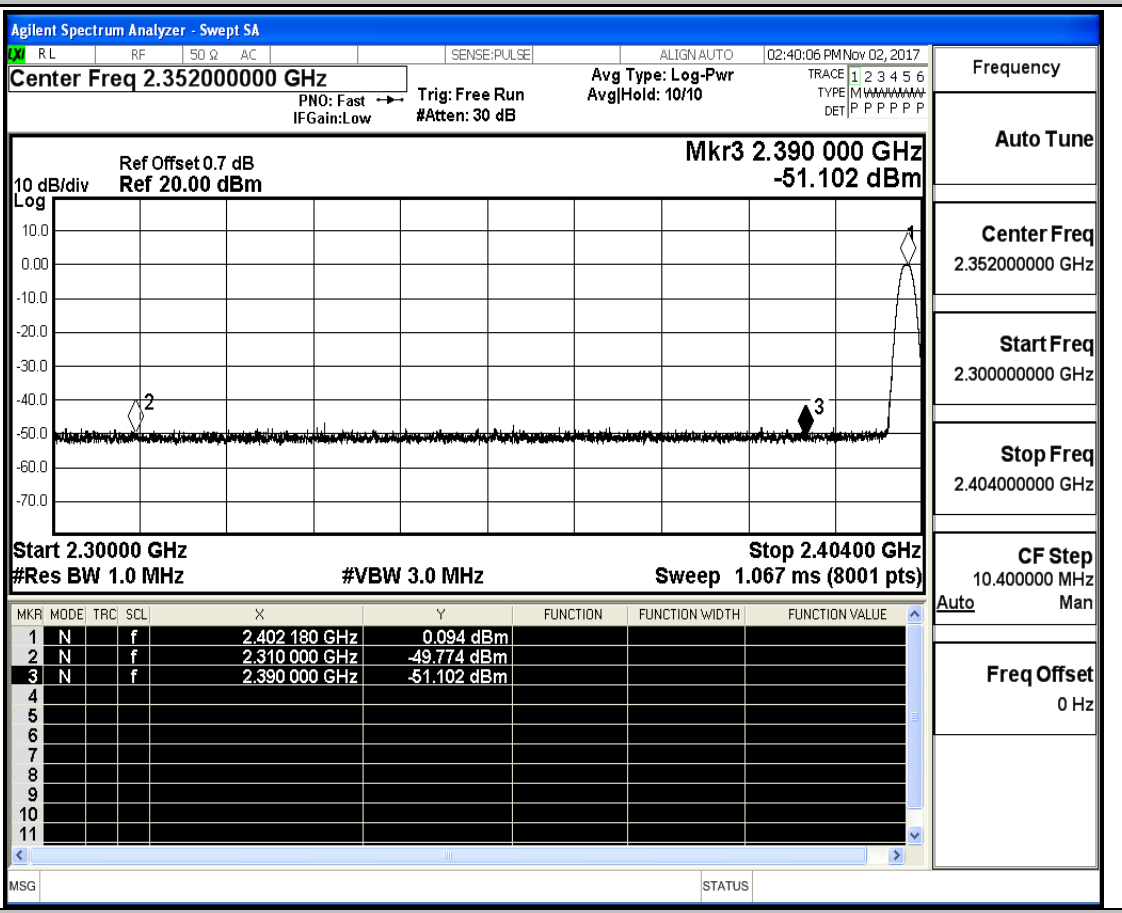

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:04:01 PM Nov 02, 2017
Center Freq 2.480000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 157 00 GHz
-0.310 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.31 dBm
Center 2.480000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
Sweep 1.067 ms (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.479000000 GHz
Stop Freq
2.481000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:04:13 PM Nov 02, 2017
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 2/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr2 24.900 GHz
-52.134 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.31 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto
Man
Freq Offset
0 Hz

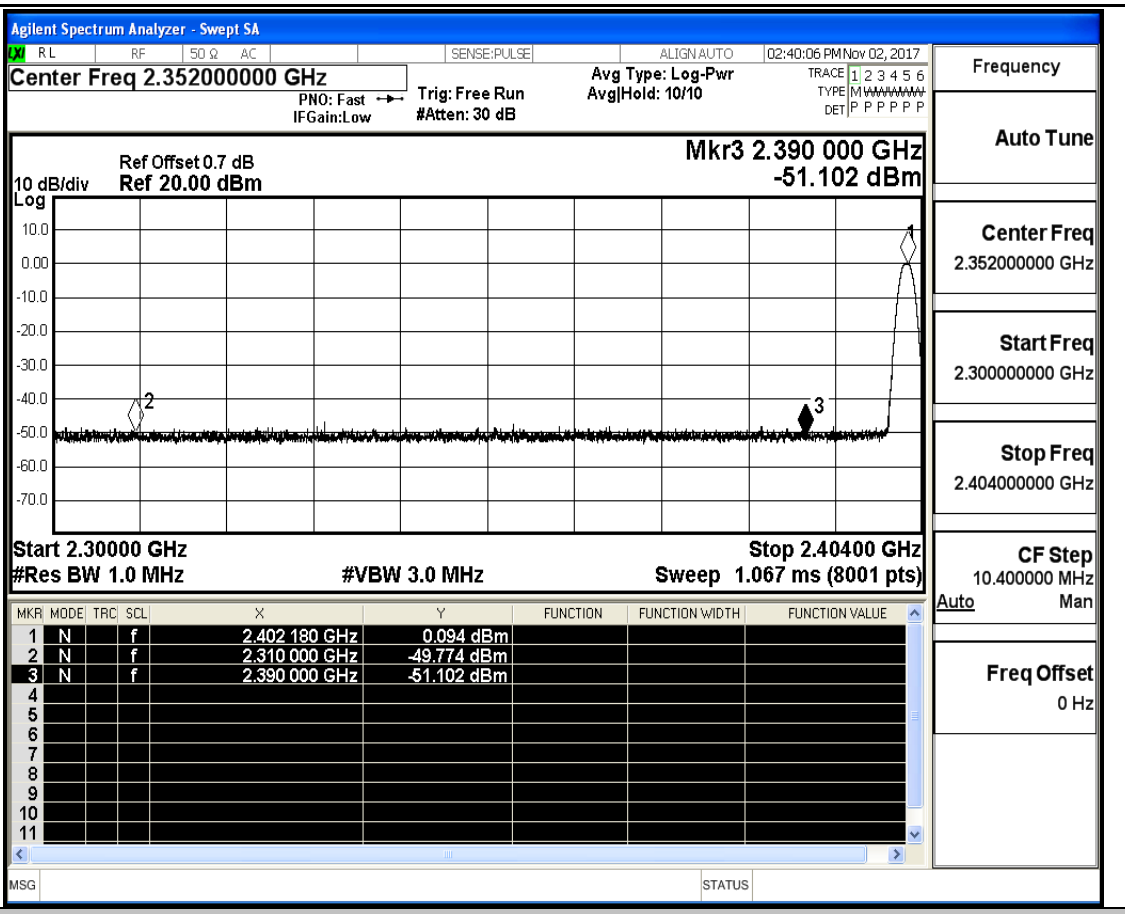
8.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	On	2310.0	-49.77	2	0	47.46	PEAK	74	PASS
DH5	On	2390.0	-51.10	2	0	46.13	PEAK	74	PASS
DH5	On	2483.5	-48.56	2	0	48.67	PEAK	74	PASS
DH5	On	2500.0	-50.87	2	0	46.36	PEAK	74	PASS
2DH5	On	2310.0	-51.44	2	0	45.79	PEAK	74	PASS
2DH5	On	2390.0	-50.30	2	0	46.93	PEAK	74	PASS
2DH5	On	2483.5	-49.38	2	0	47.85	PEAK	74	PASS
2DH5	On	2500.0	-50.98	2	0	46.25	PEAK	74	PASS
3DH5	On	2310.0	-51.32	2	0	45.91	PEAK	74	PASS
3DH5	On	2390.0	-50.42	2	0	46.81	PEAK	74	PASS
3DH5	On	2483.5	-49.60	2	0	47.63	PEAK	74	PASS
3DH5	On	2500.0	-50.39	2	0	46.84	PEAK	74	PASS

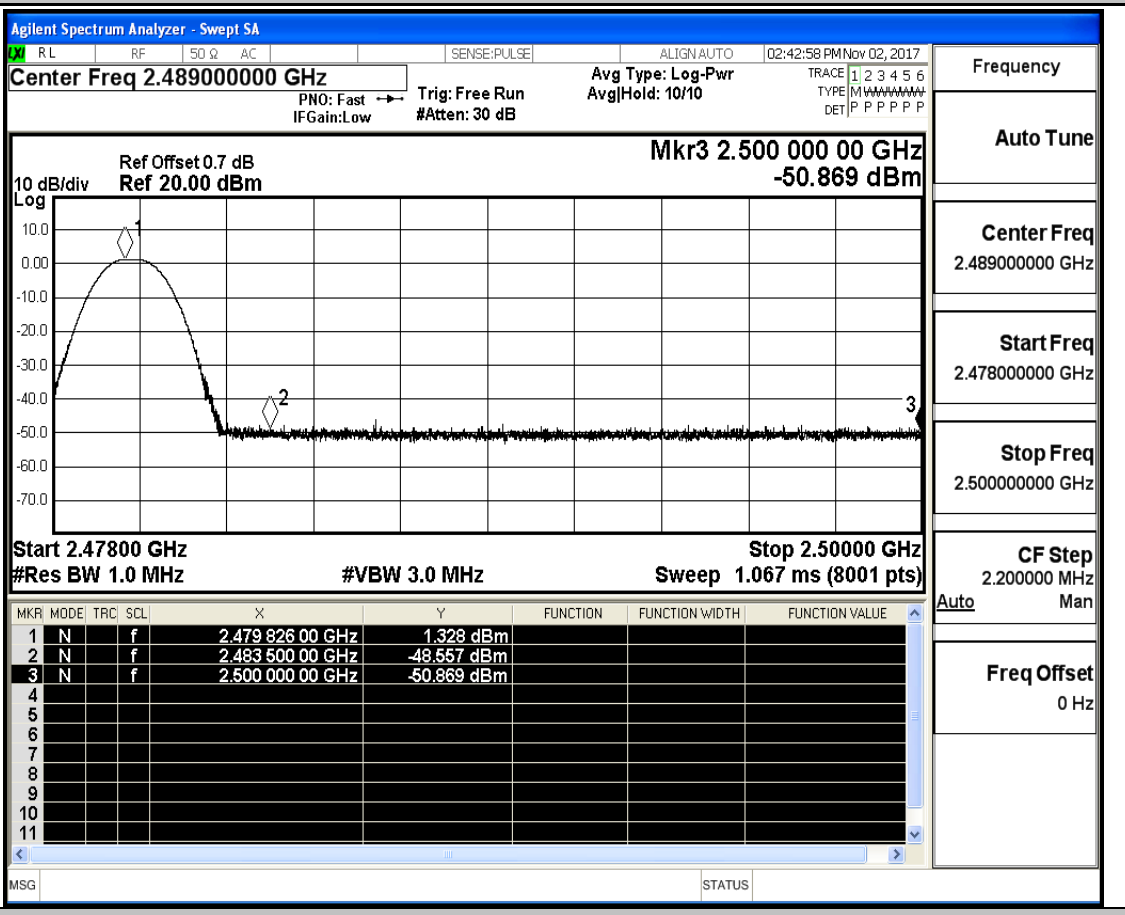
Restrict-band band-edge measurements_HoppingOn_PEAK



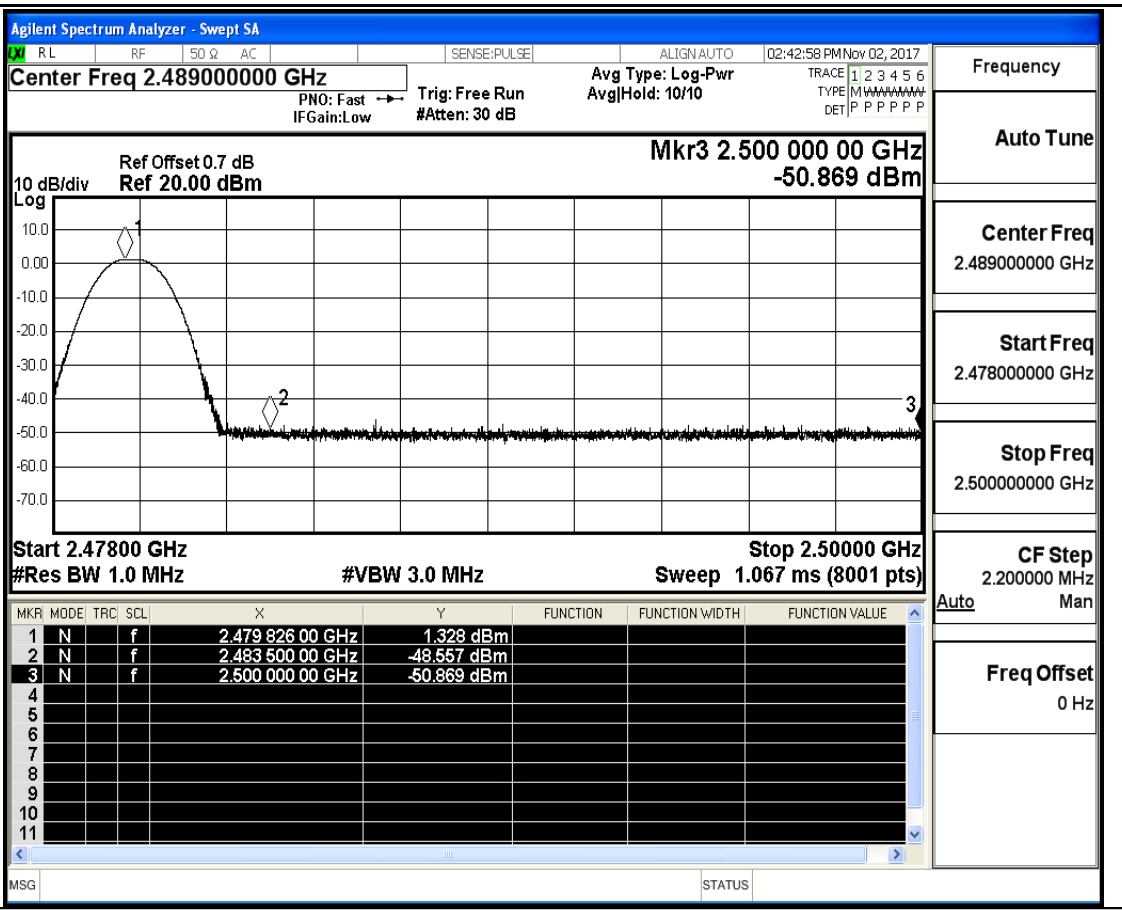
Restrict-band band-edge measurements_HoppingOn_PEAK



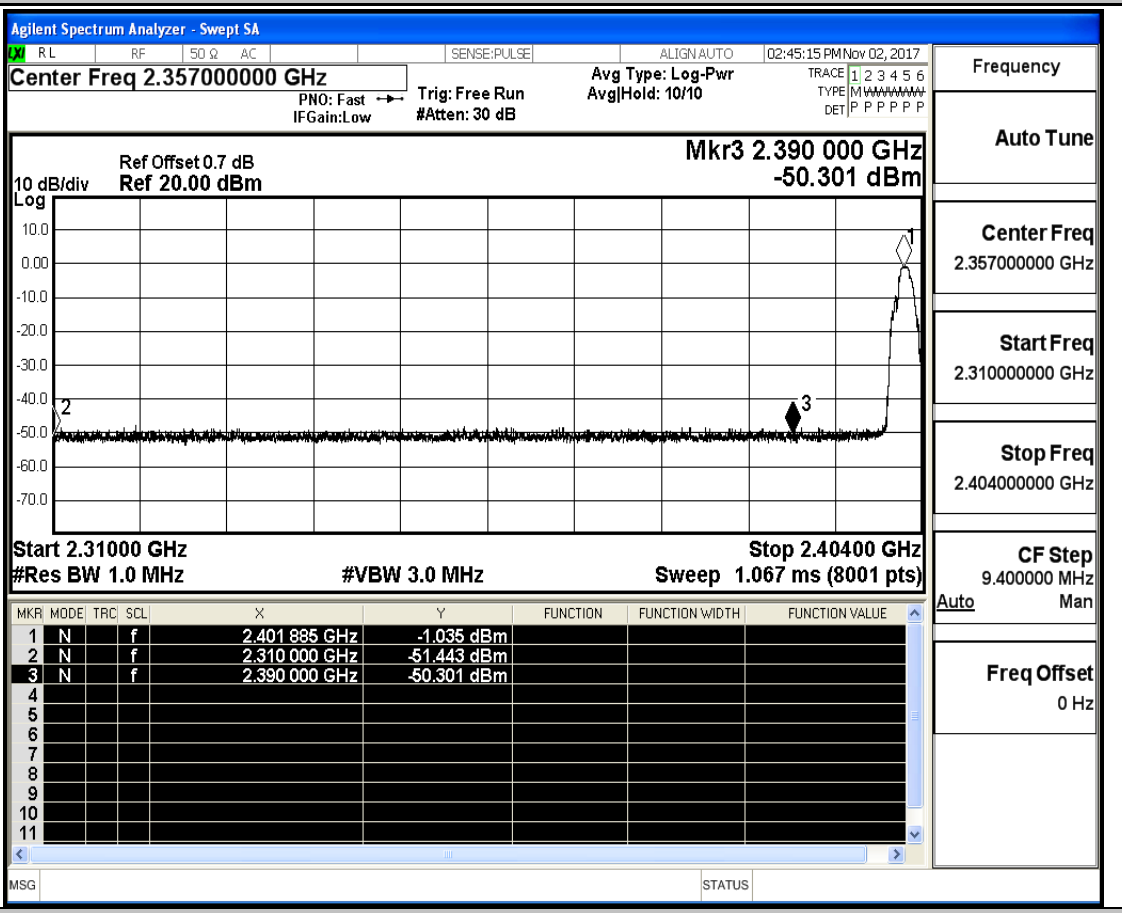
Restrict-band band-edge measurements_HoppingOn_PEAK



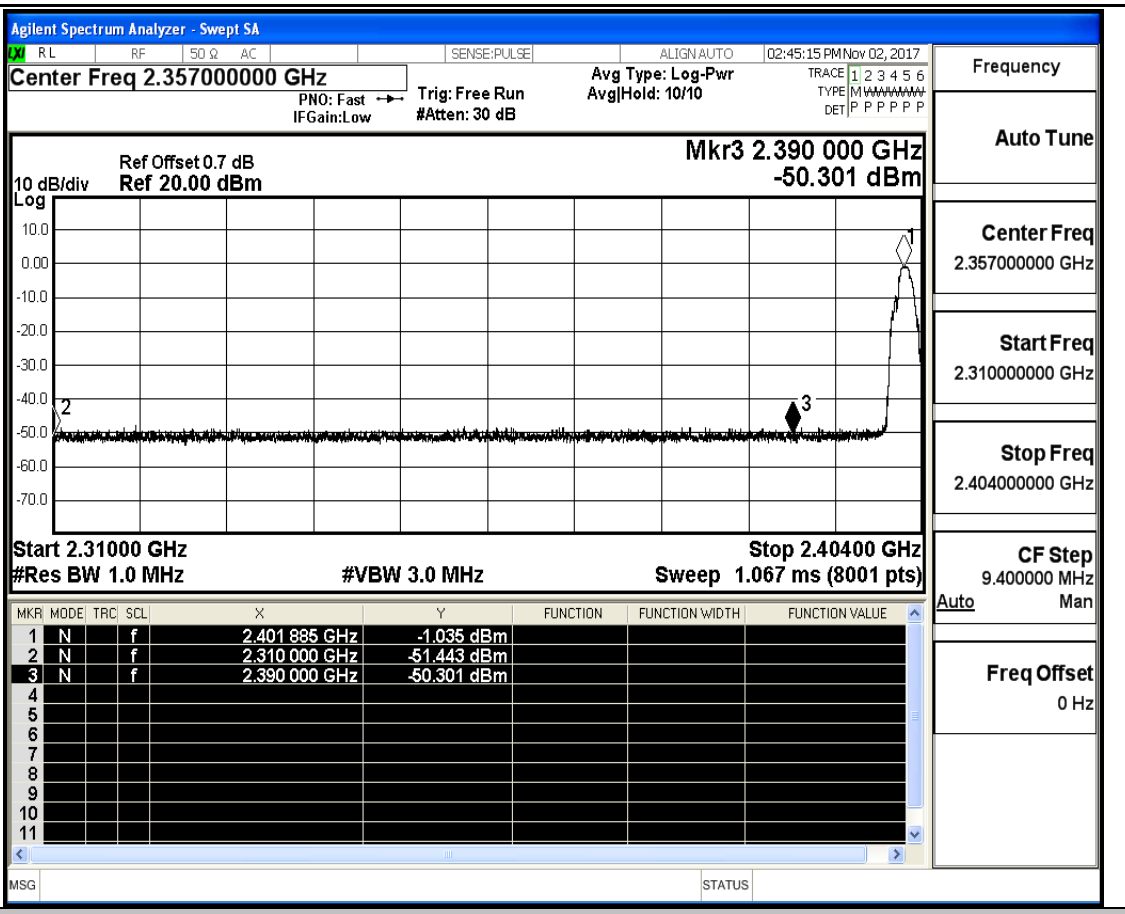
Restrict-band band-edge measurements_HoppingOn_PEAK



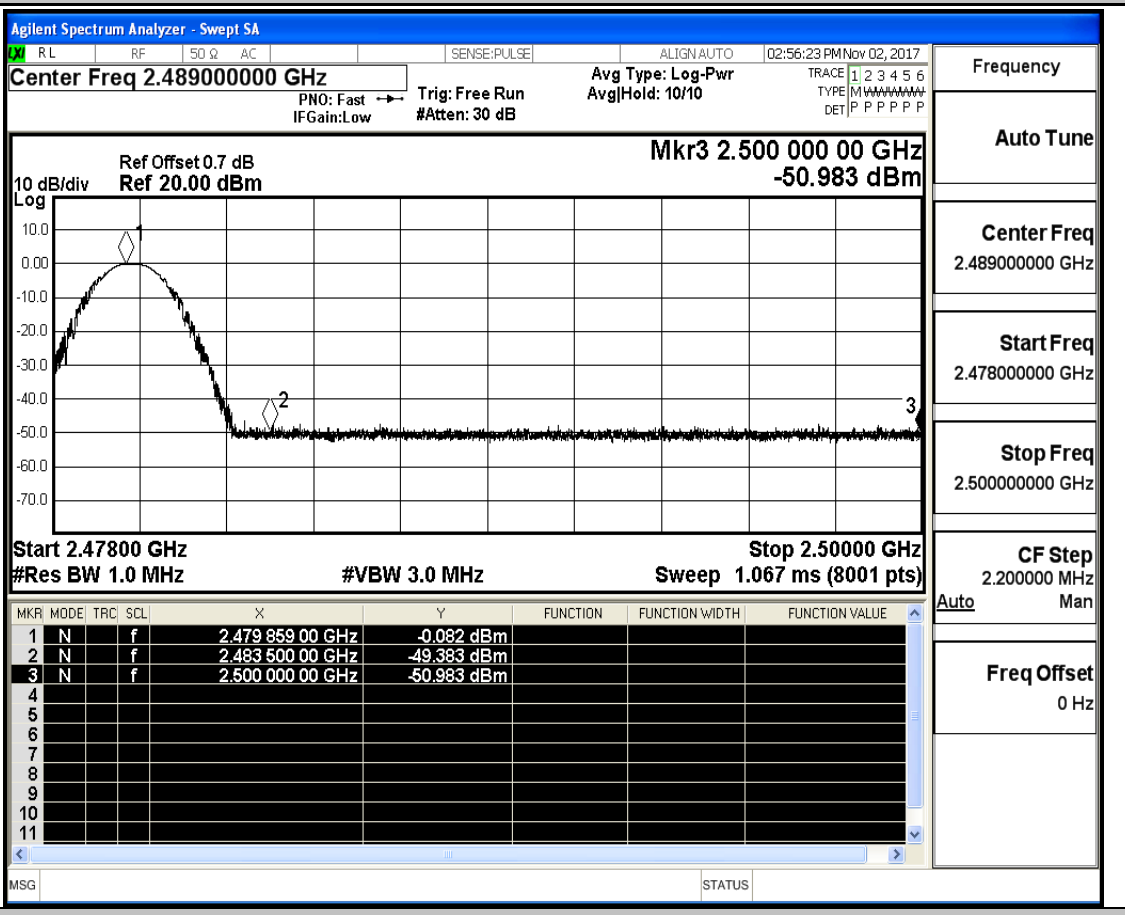
Restrict-band band-edge measurements_HoppingOn_PEAK



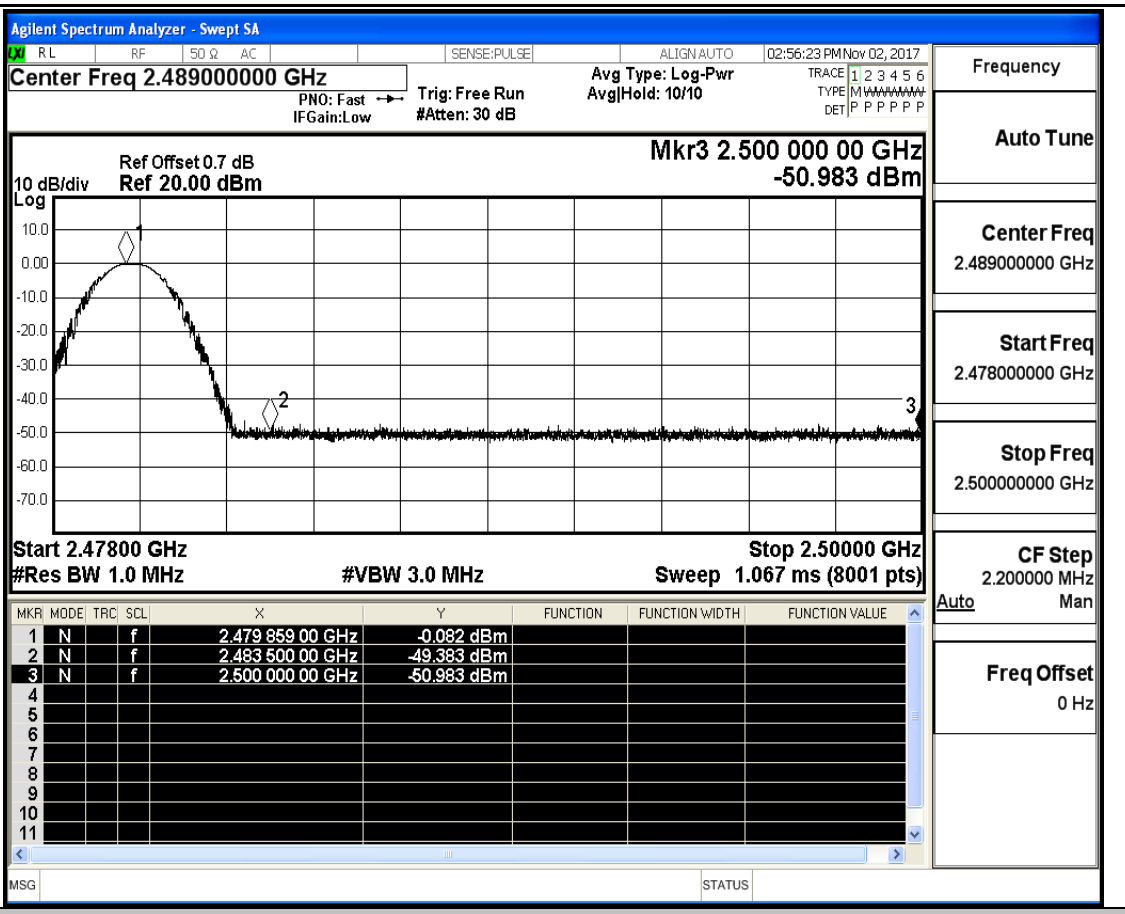
Restrict-band band-edge measurements_HoppingOn_PEAK



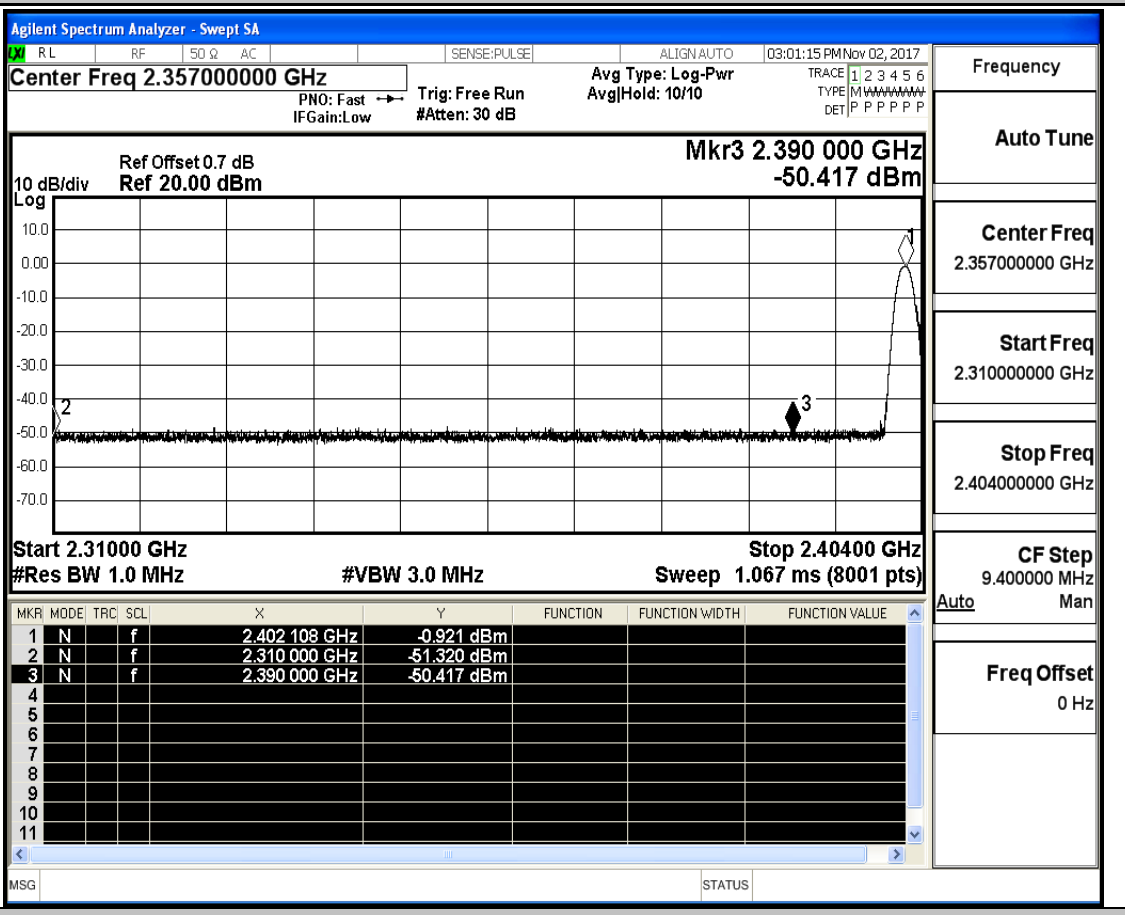
Restrict-band band-edge measurements_HoppingOn_PEAK



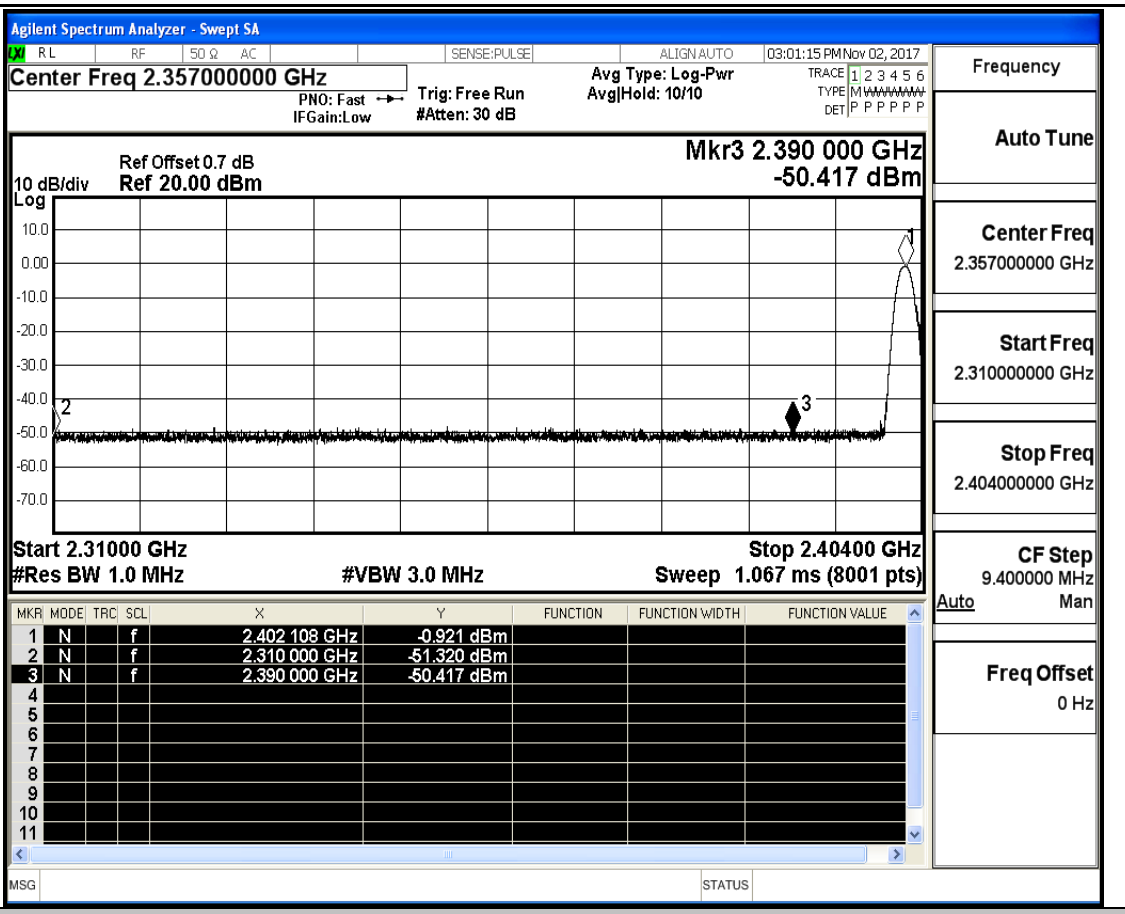
Restrict-band band-edge measurements_HoppingOn_PEAK



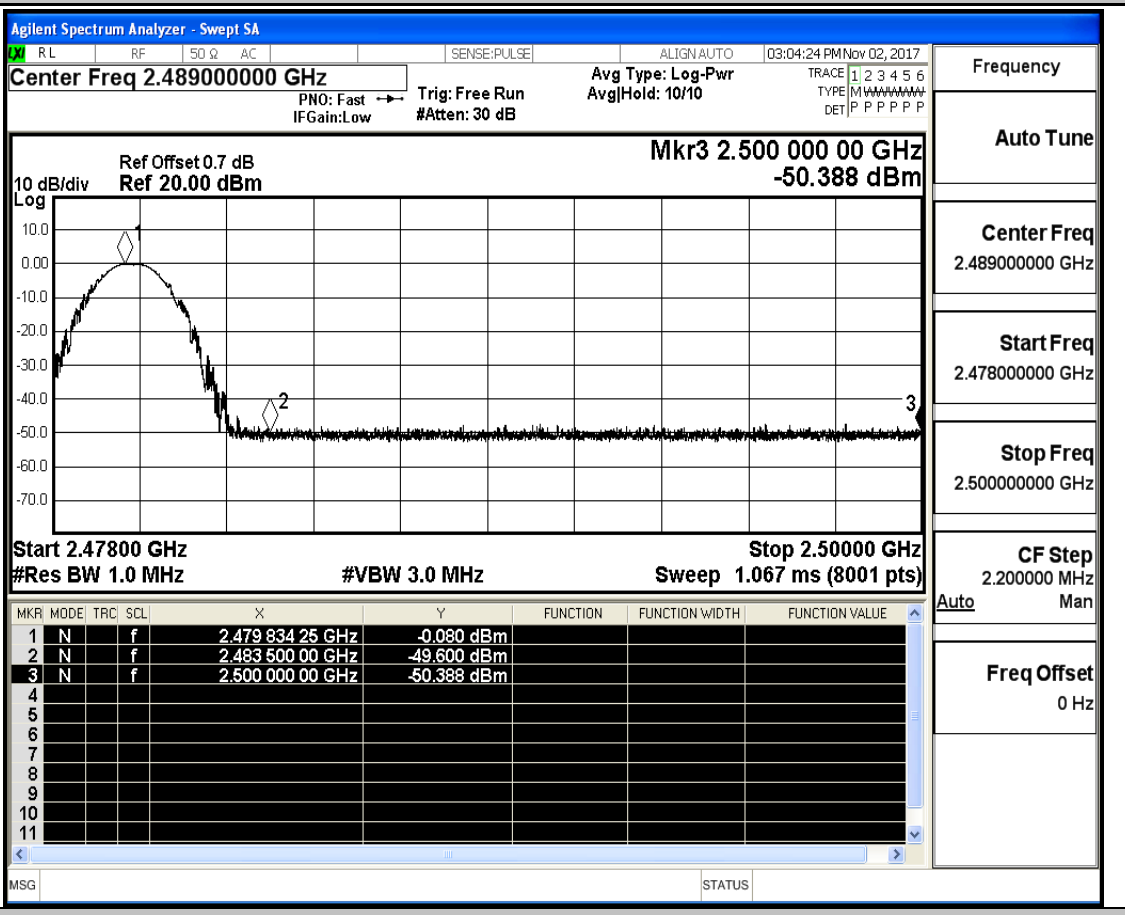
Restrict-band band-edge measurements_HoppingOn_PEAK



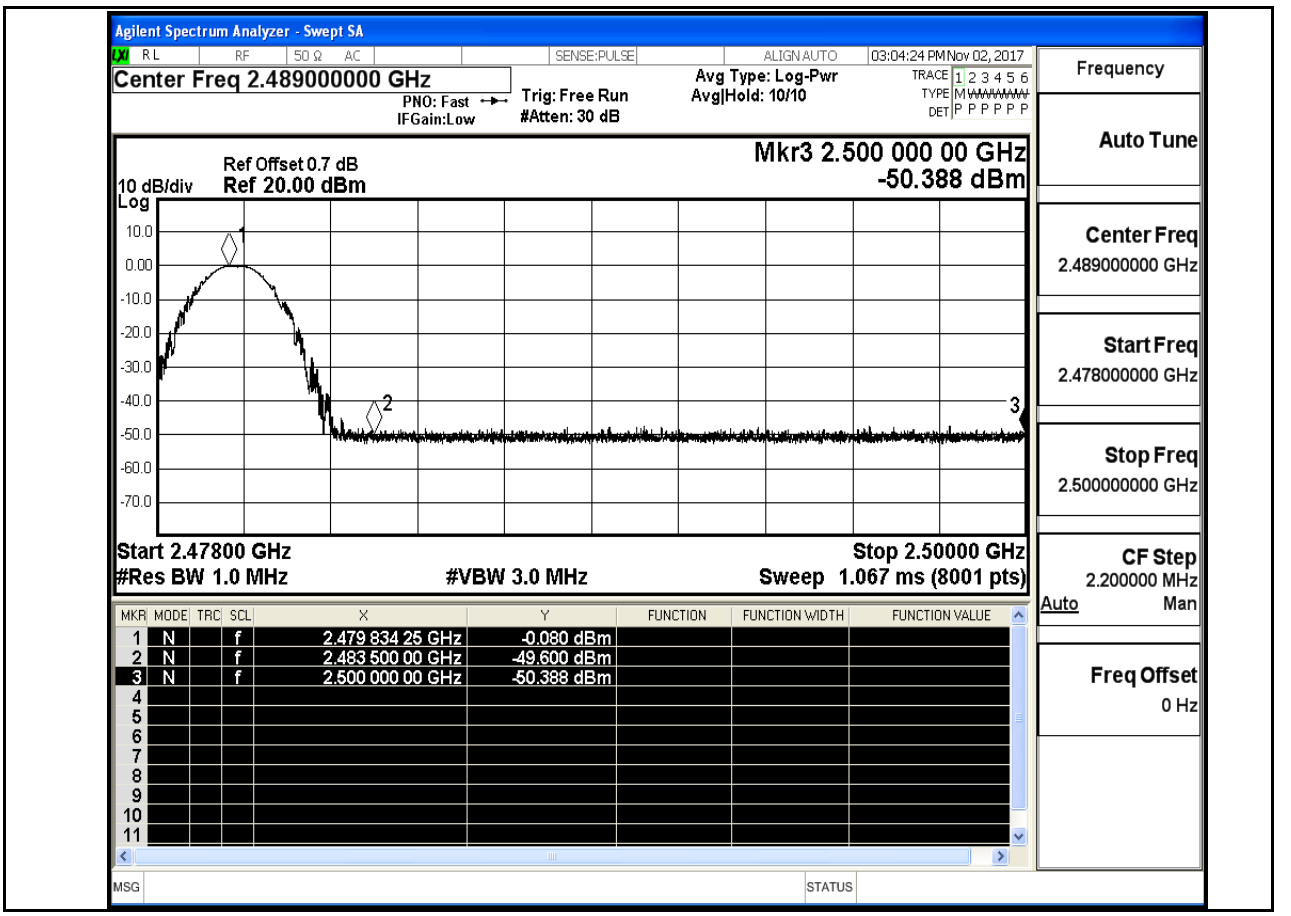
Restrict-band band-edge measurements_HoppingOn_PEAK



Restrict-band band-edge measurements_HoppingOn_PEAK



Restrict-band band-edge measurements_HoppingOn_PEAK


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:PULSE
ALIGN AUTO
03:04:24 PM Nov 02, 2017
Center Freq 2.489000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P P
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr3 2.500 000 00 GHz
-50.388 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
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 2.479 834 25 GHz -0.080 dBm
2 N f 2.483 500 00 GHz -49.600 dBm
3 N f 2.500 000 00 GHz -50.388 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