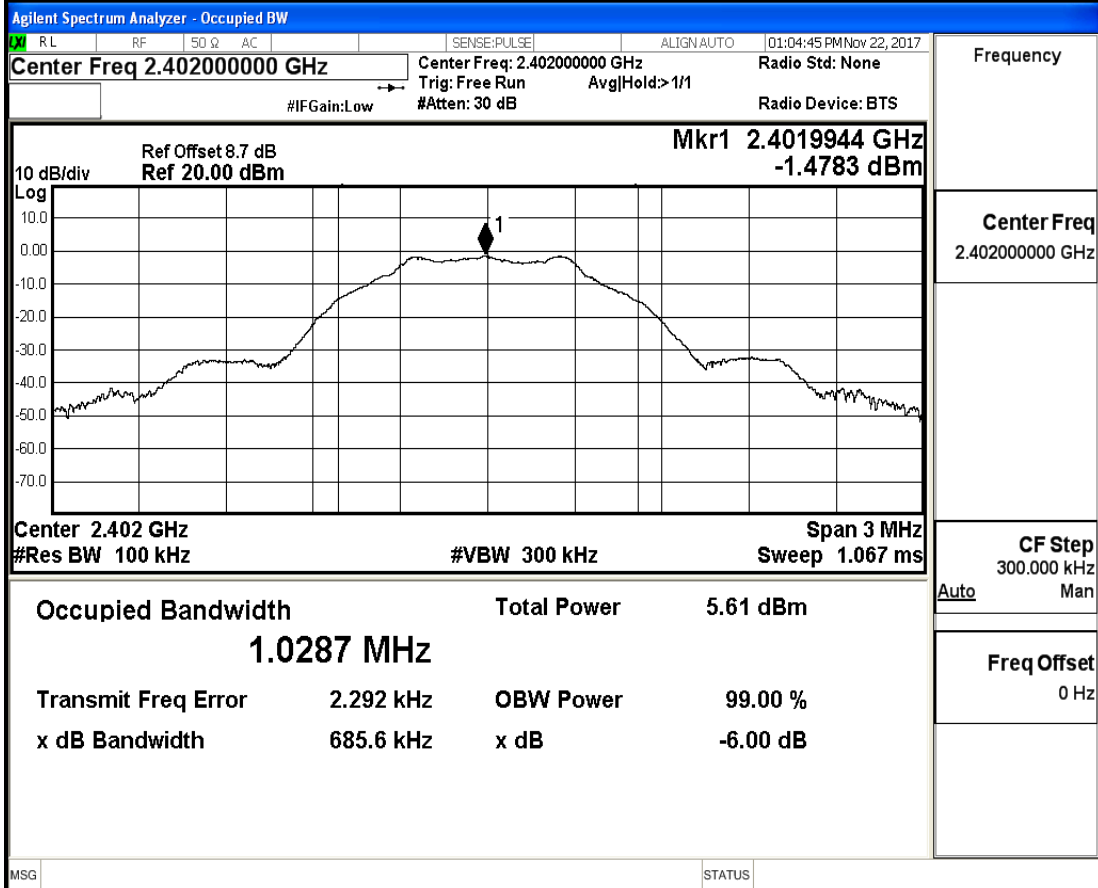


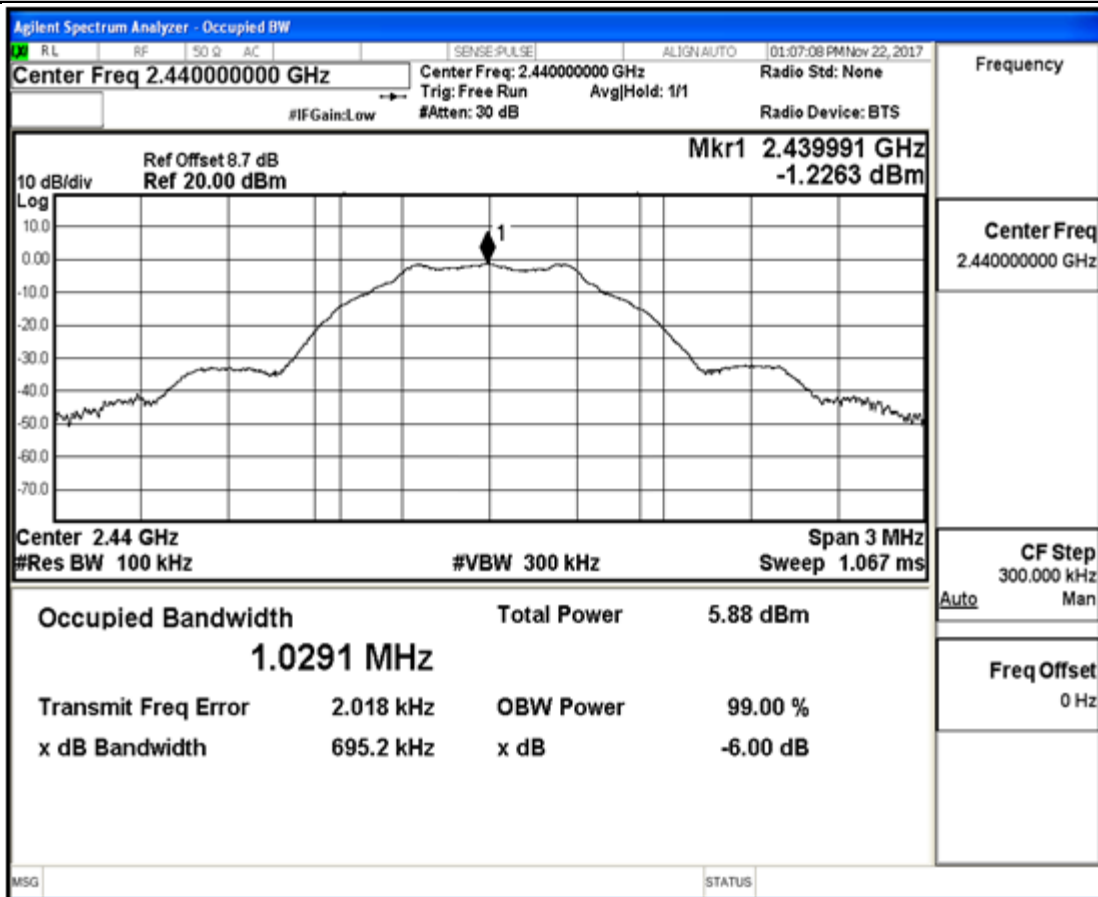
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
GFSK	2402	Ant1	0.6856	0.5	PASS
GFSK	2440	Ant1	0.6952	0.5	PASS
GFSK	2480	Ant1	0.6990	0.5	PASS

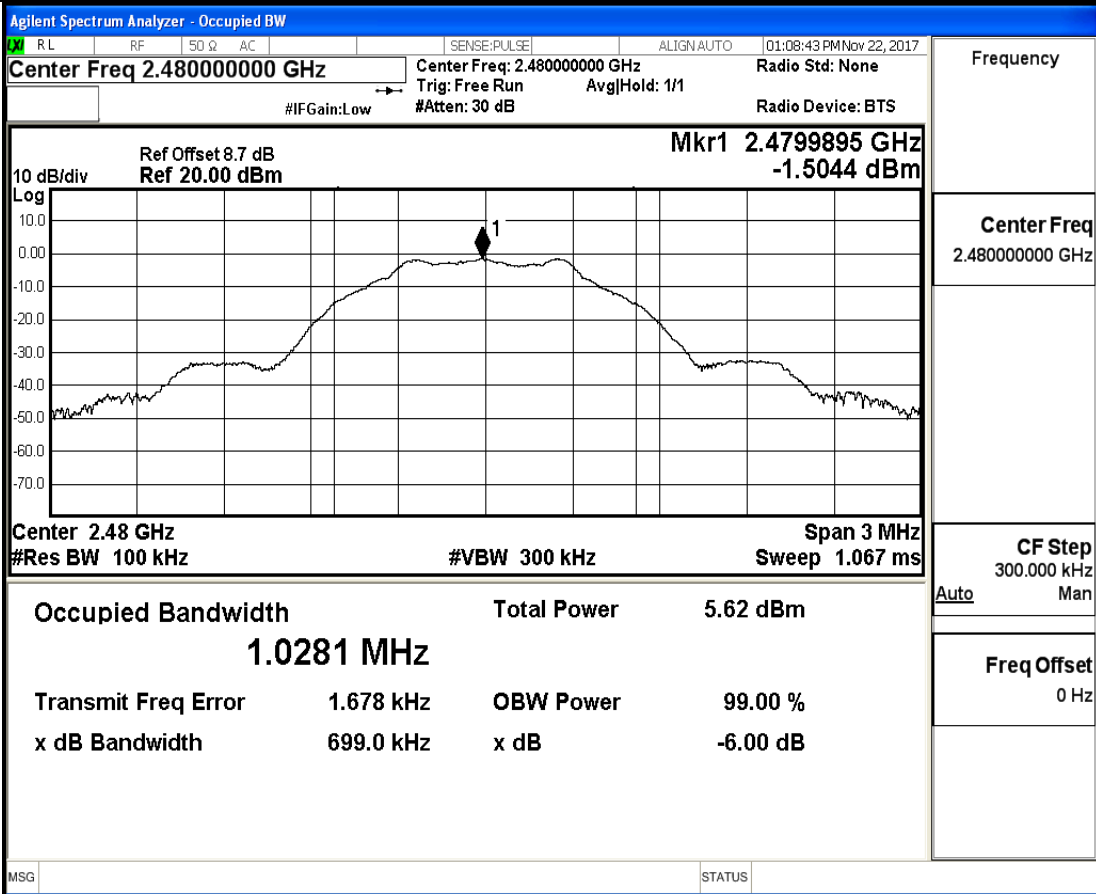
6dB Bandwidth_GFSK_2402_Ant1



6dB Bandwidth_GFSK_2440_Ant1



6dB Bandwidth_GFSK_2480_Ant1



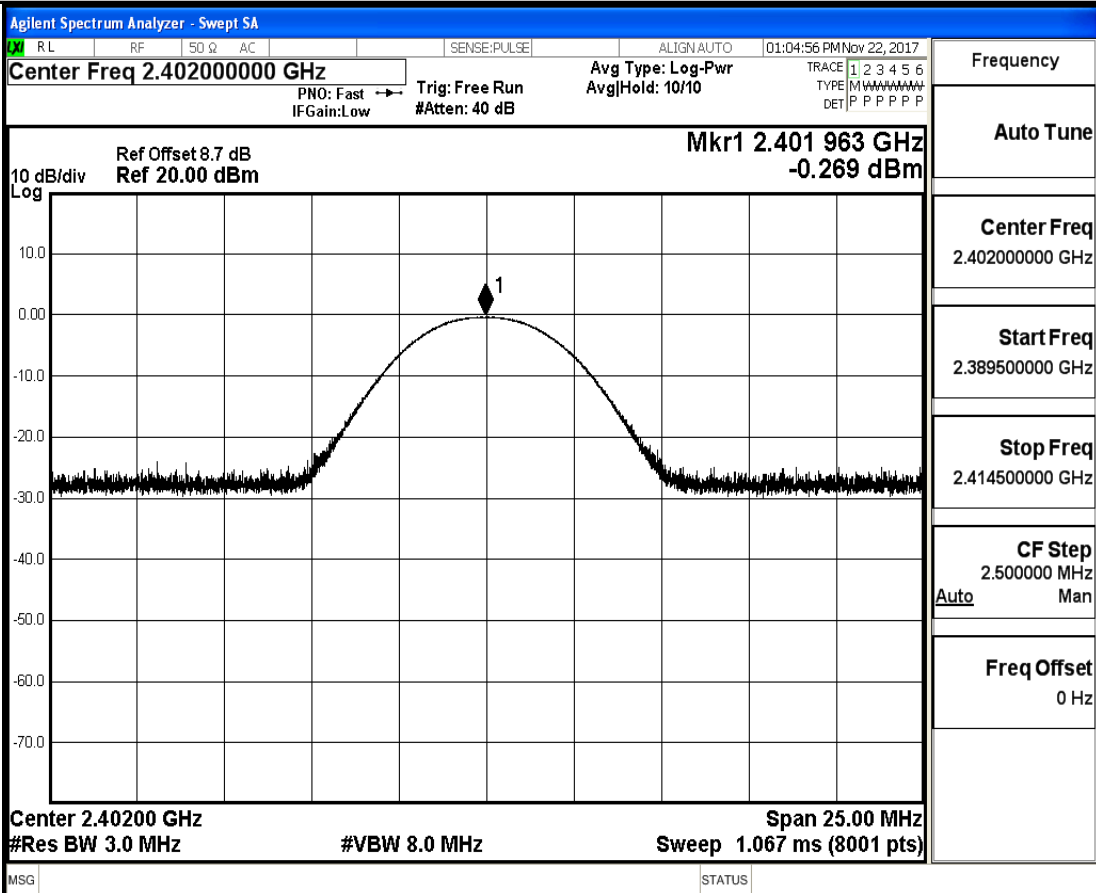
2.Occupied Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
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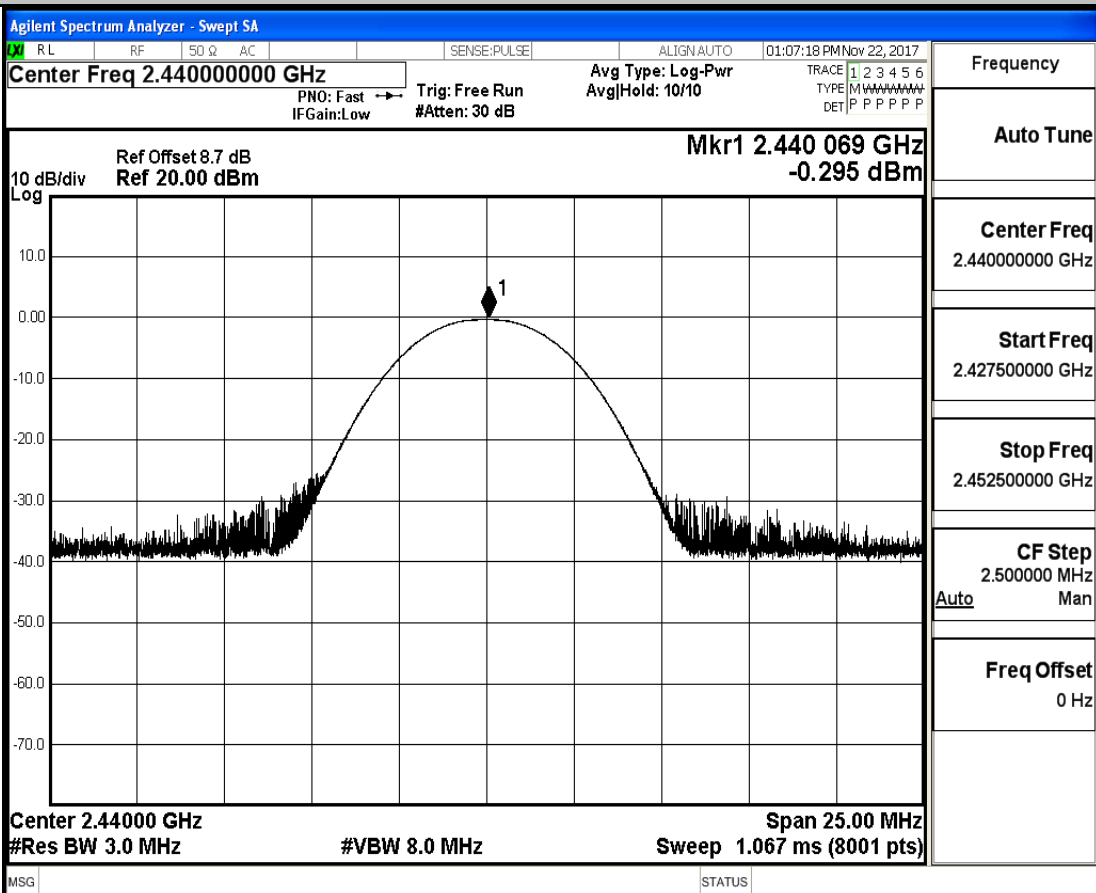
3.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
GFSK	2402	Ant1	-0.269	30	PASS
GFSK	2440	Ant1	-0.295	30	PASS
GFSK	2480	Ant1	-0.529	30	PASS

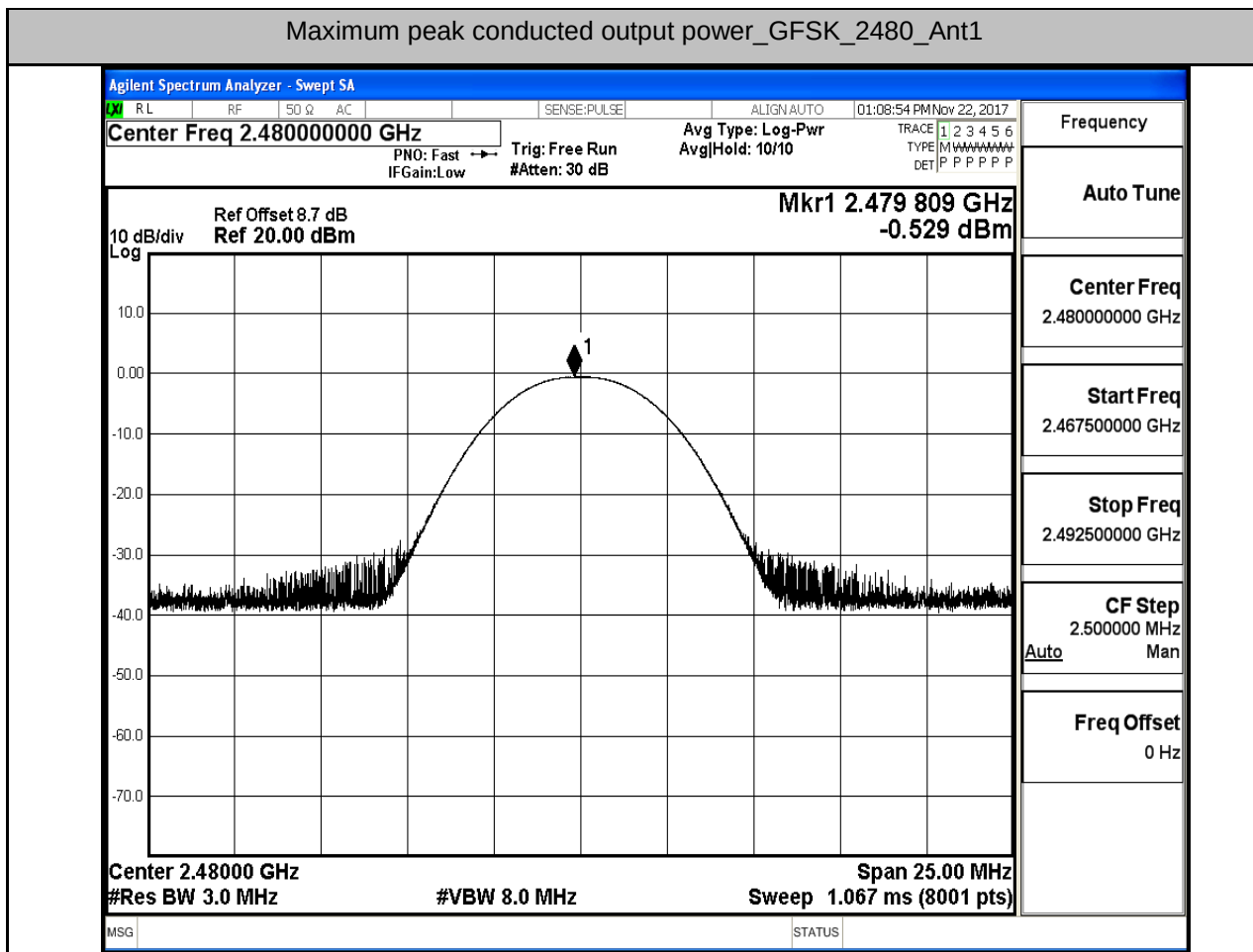
Maximum peak conducted output power_GFSK_2402_Ant1



Maximum peak conducted output power_GFSK_2440_Ant1



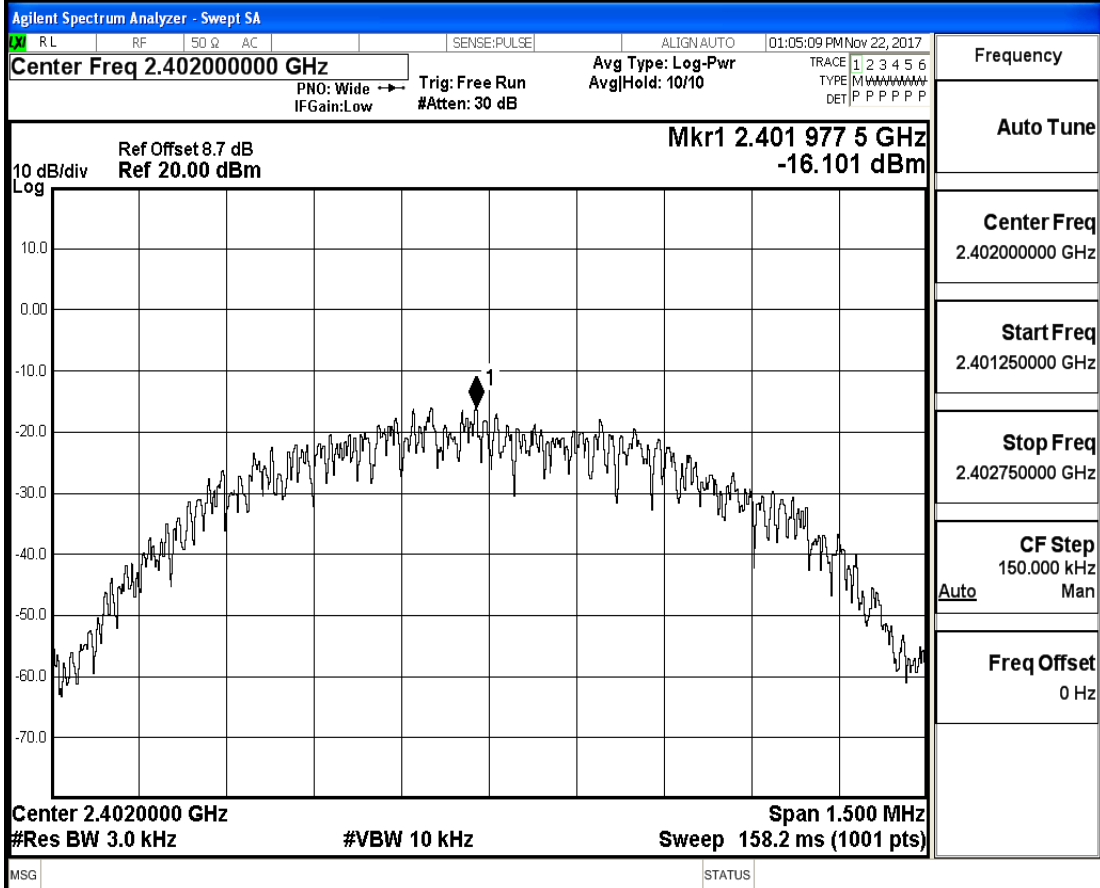
Maximum peak conducted output power_GFSK_2480_Ant1



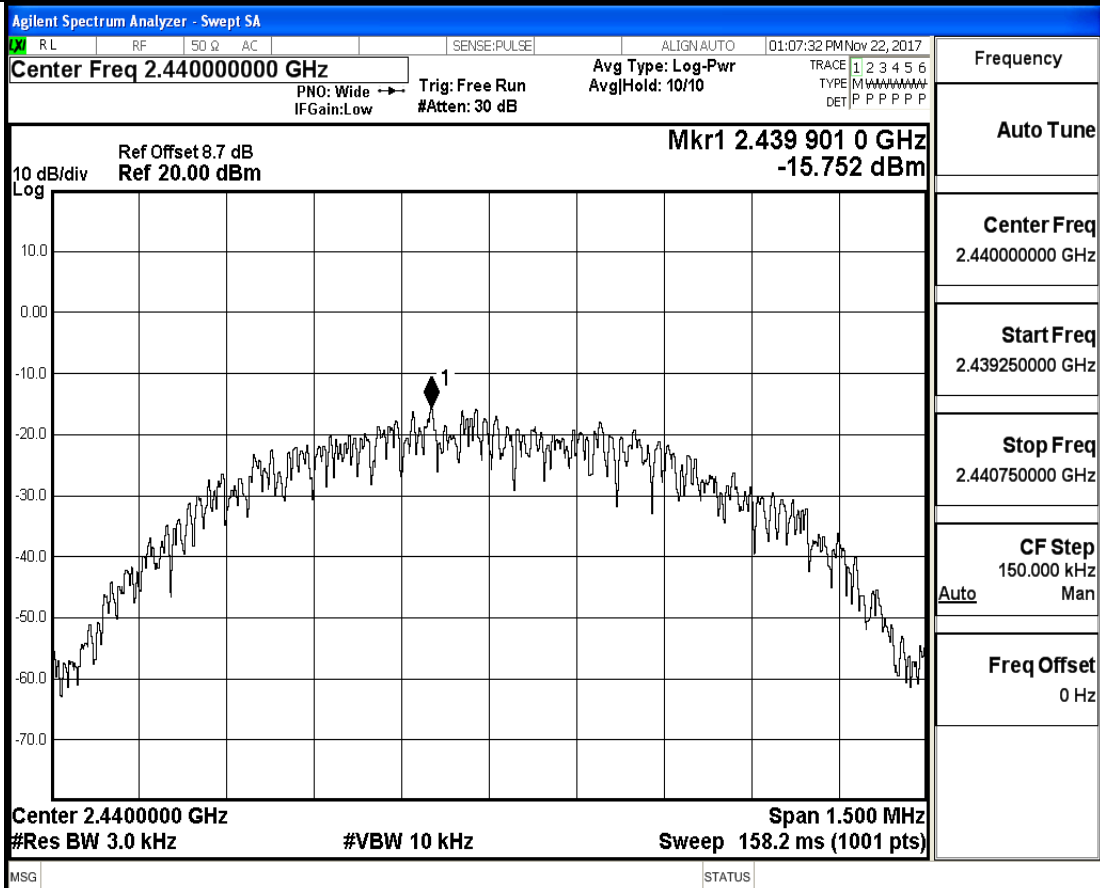
4.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
GFSK	2402	Ant1	-16.101	8.00	PASS
GFSK	2440	Ant1	-15.752	8.00	PASS
GFSK	2480	Ant1	-16.065	8.00	PASS

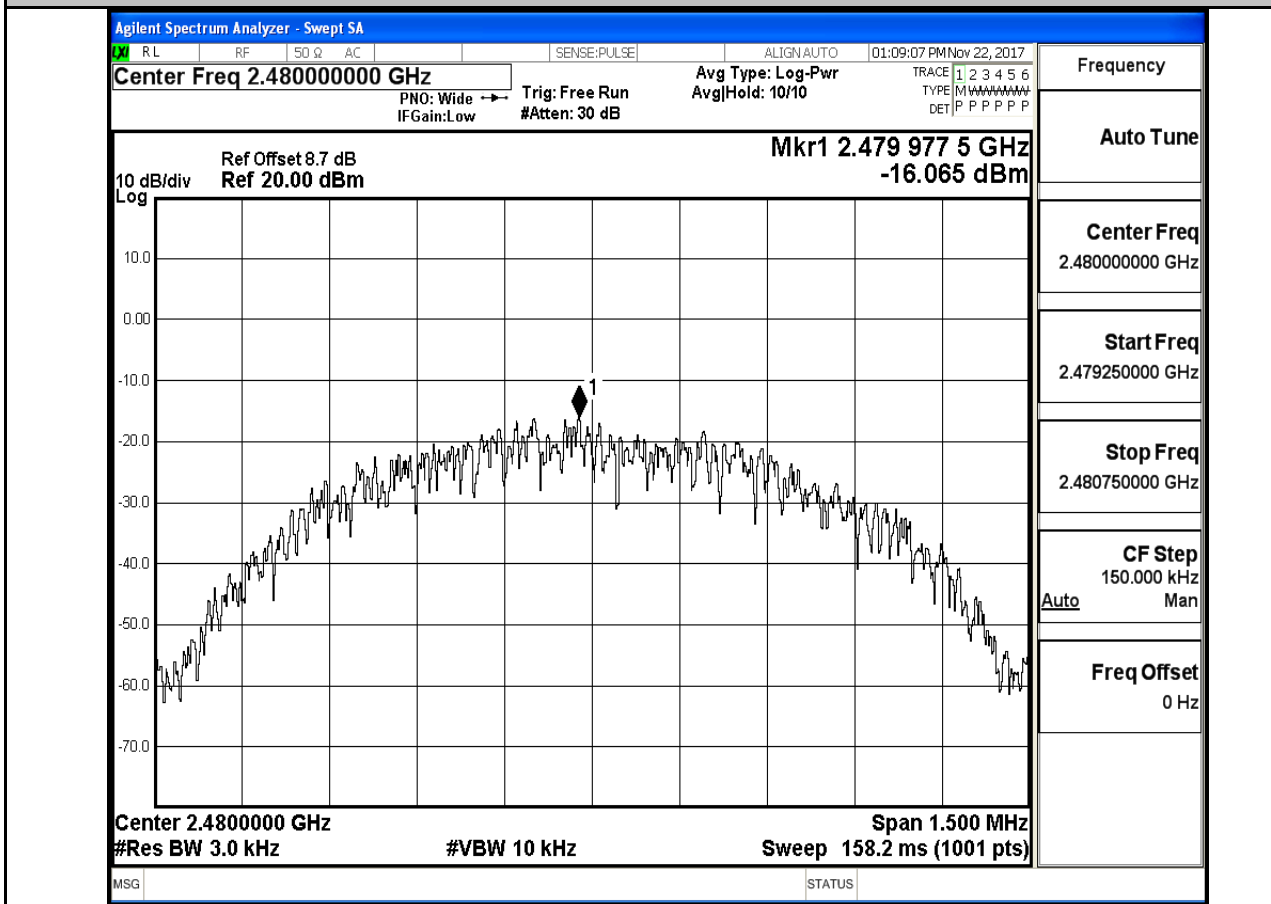
Maximum Peak power spectral density_GFSK_2402_Ant1



Maximum Peak power spectral density_GFSK_2440_Ant1



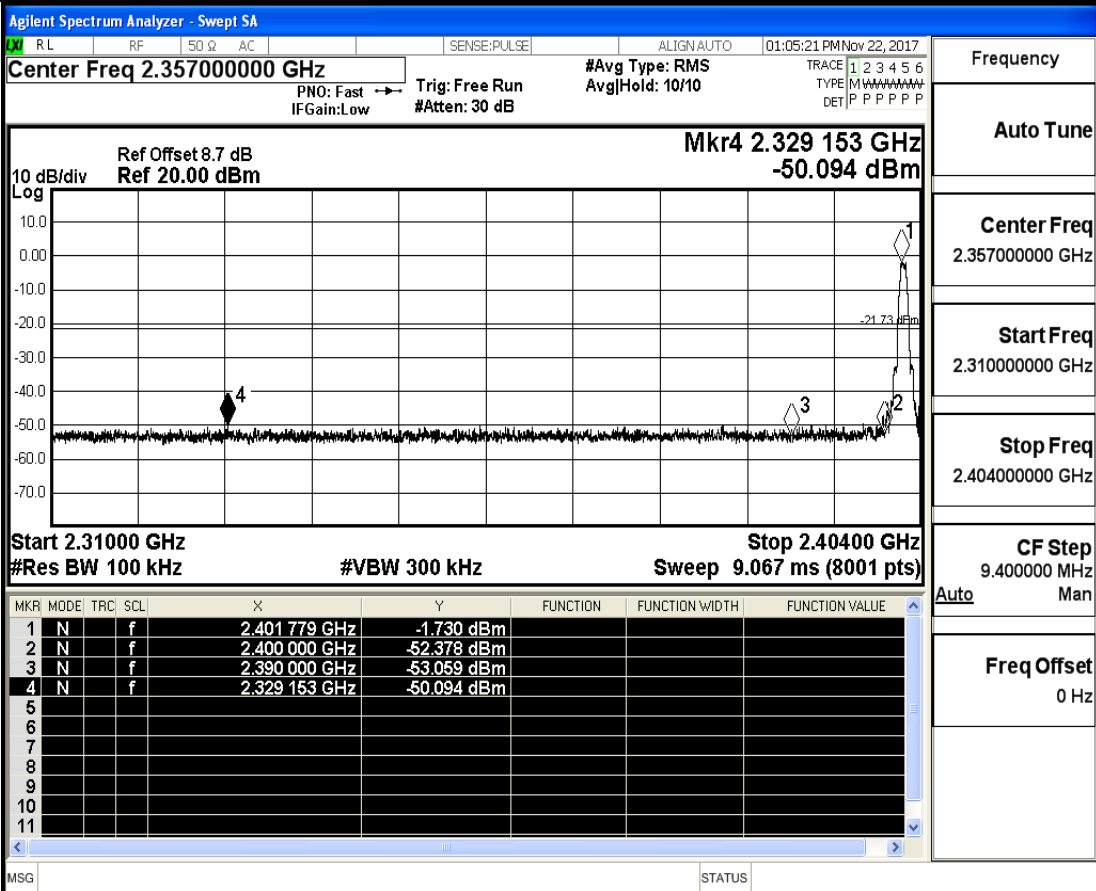
Maximum Peak power spectral density_GFSK_2480_Ant1



5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	2402	Ant1	-1.730	-50.094	-21.73	PASS
GFSK	2480	Ant1	-1.340	-49.441	-21.34	PASS

Band-edge for RF Conducted Emissions_GFSK_2402_Ant1



Frequency

Auto Tune

Center Freq
2.357000000 GHz

Start Freq
2.310000000 GHz

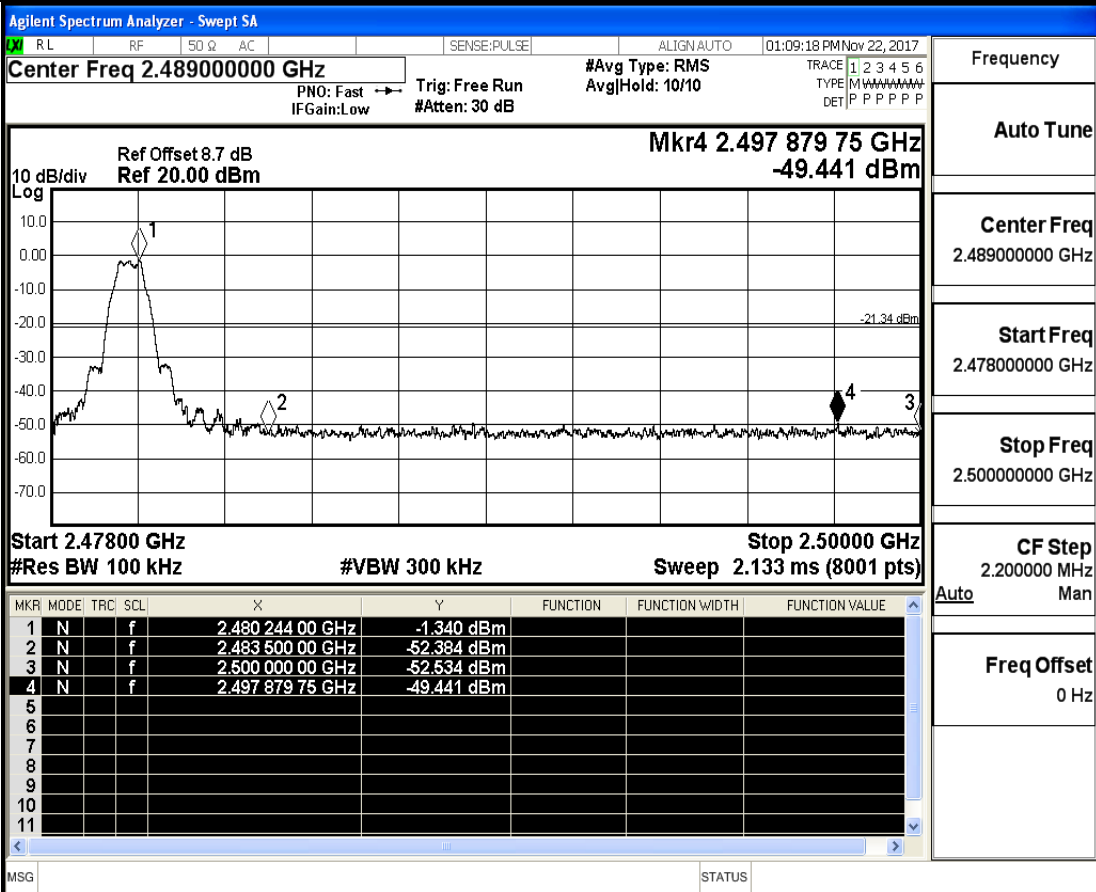
Stop Freq
2.404000000 GHz

CF Step
9.400000 MHz

Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_GFSK_2480_Ant1



Frequency

Auto Tune

Center Freq
2.489000000 GHz

Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz

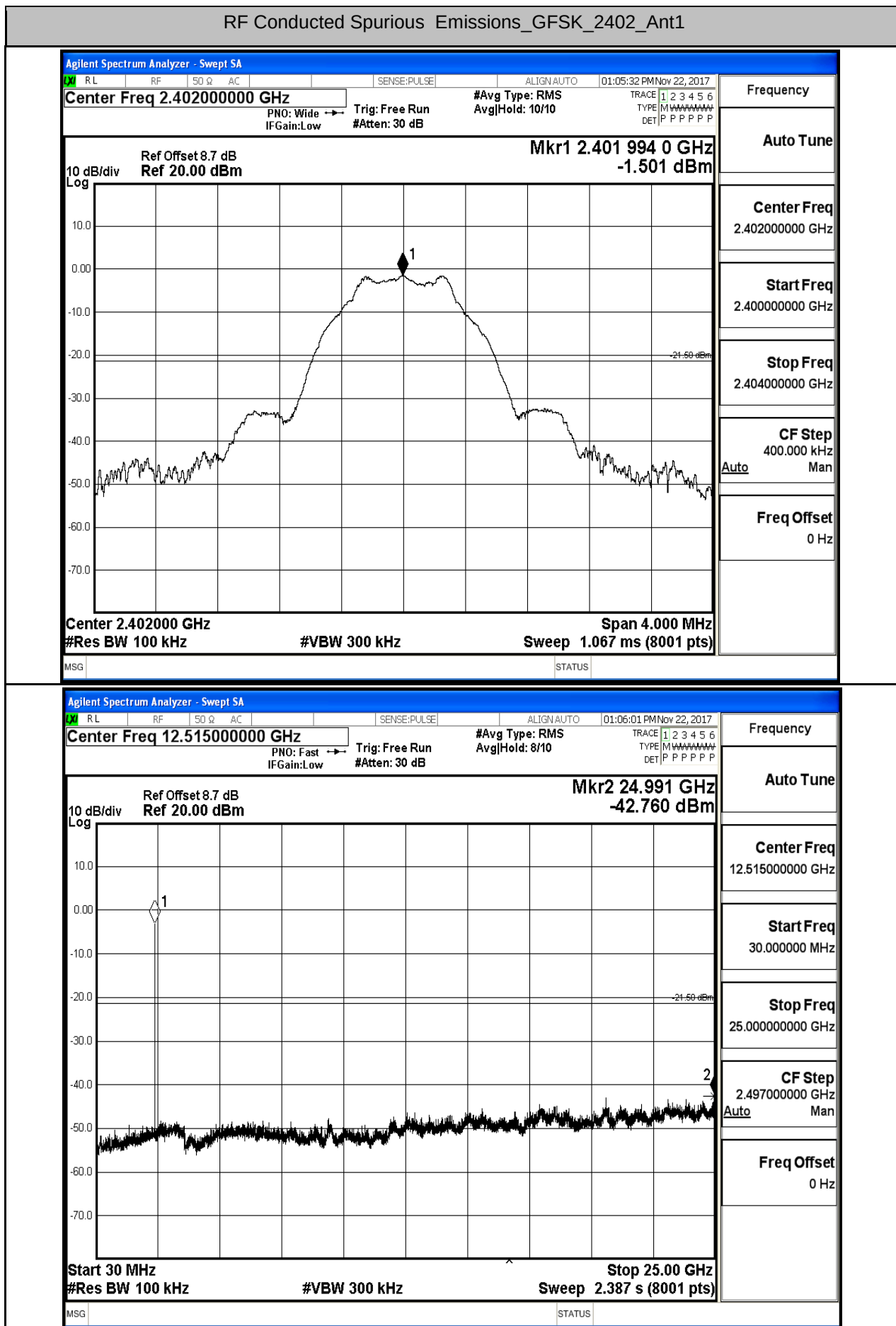
Auto Man

Freq Offset
0 Hz

6.RF Conducted Spurious Emissions

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	2402	Ant1	30	25000	100	300	-1.501	-42.760	<-21.501	PASS
GFSK	2440	Ant1	30	25000	100	300	-1.268	-43.159	<-21.268	PASS
GFSK	2480	Ant1	30	25000	100	300	-1.56	-43.393	<-21.56	PASS

RF Conducted Spurious Emissions_GFSK_2402_Ant1



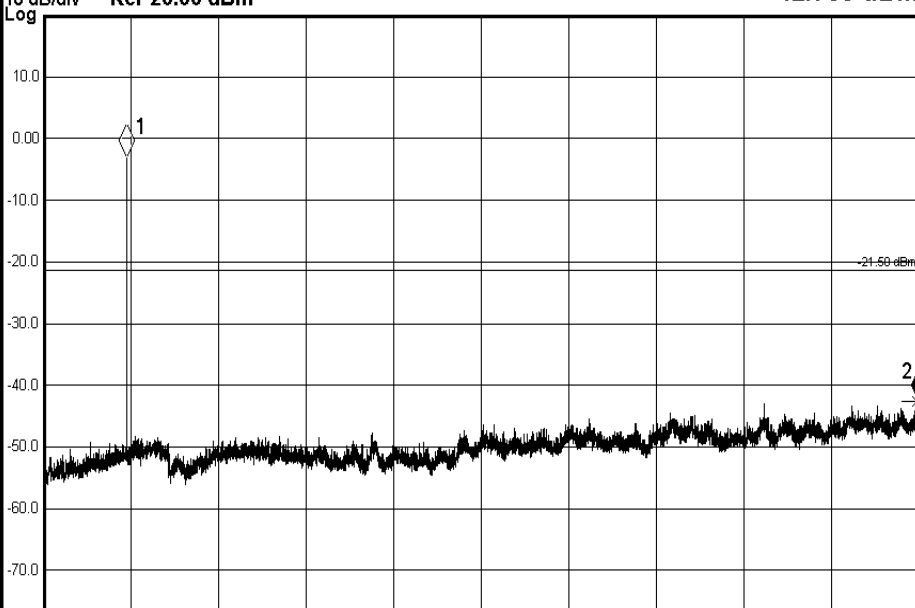
Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE: PULSE ALIGN: AUTO 01:06:01 PM Nov 22, 2017

Center Freq 12.51500000 GHz
#Avg Type: RMS
Avg/Hold: 8/10

PN0: Fast → Trig: Free Run
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

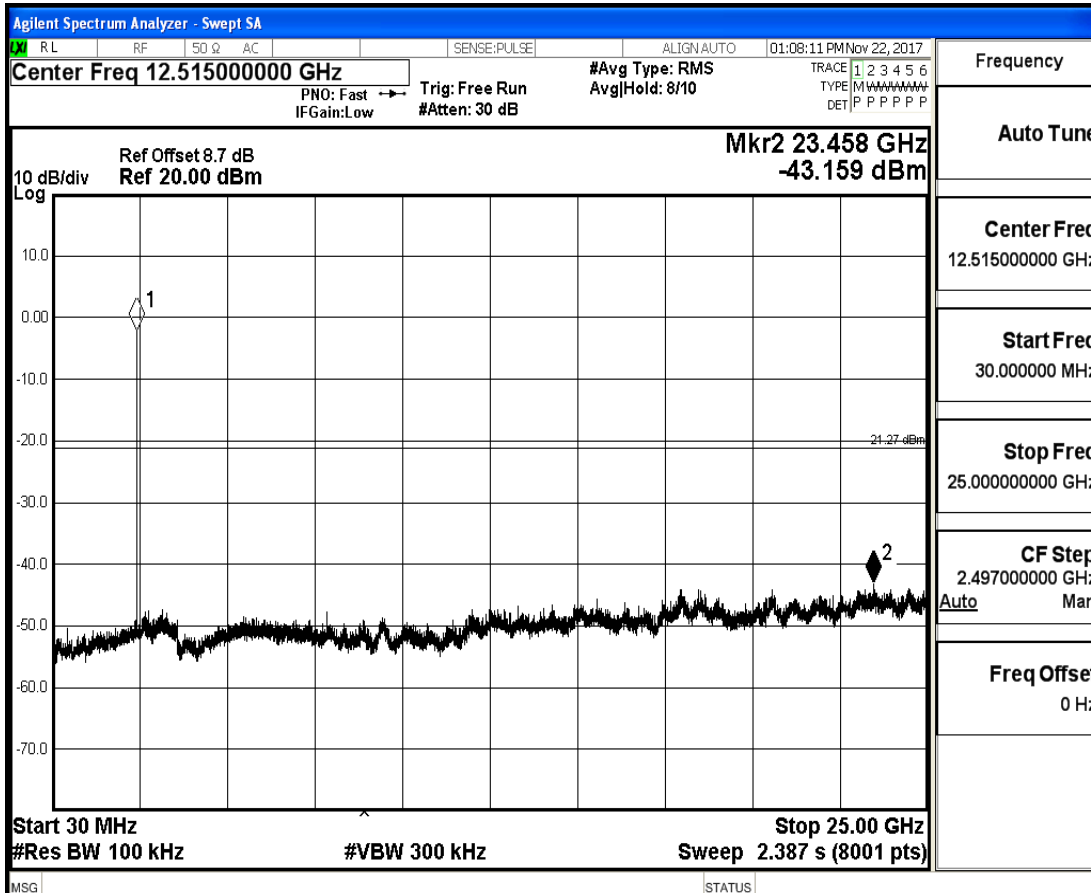
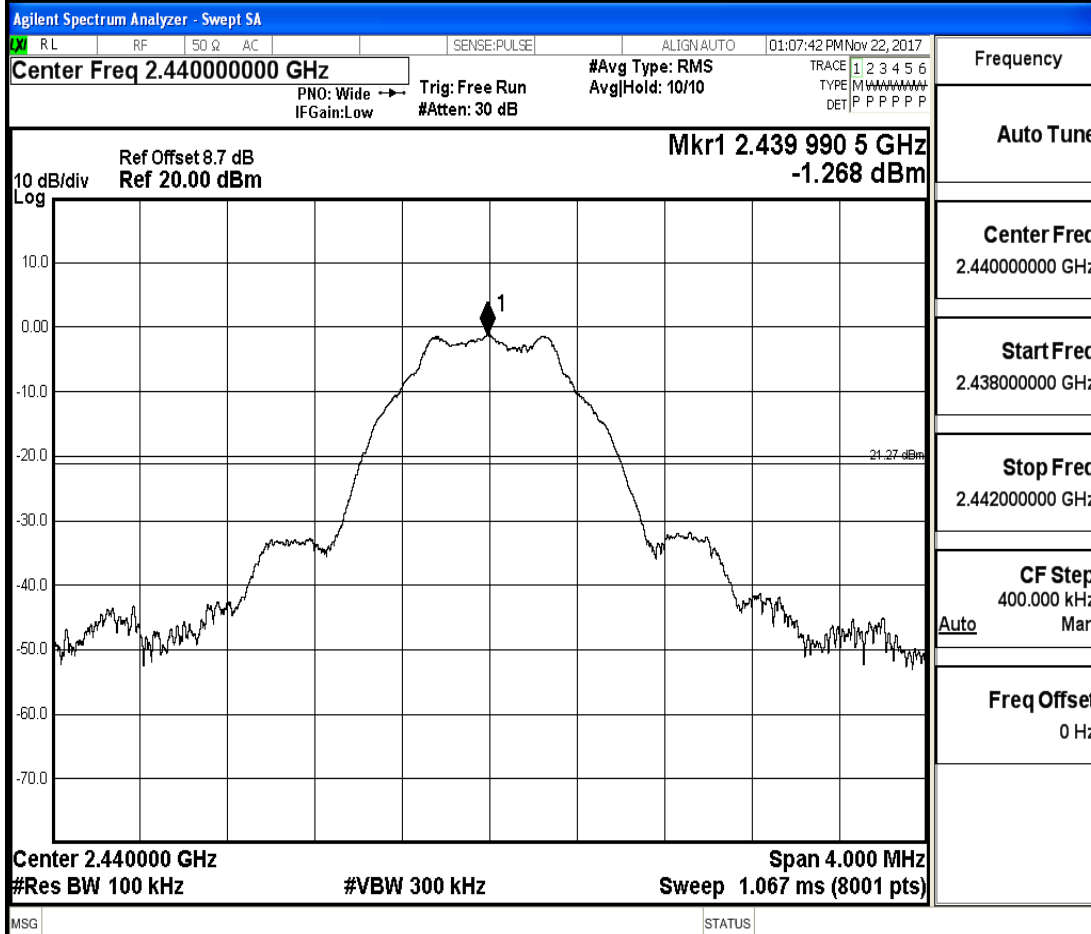
10 dB/div
Log
Ref Offset 8.7 dB
Ref 20.00 dBm
Mkr2 24.991 GHz
-42.760 dBm



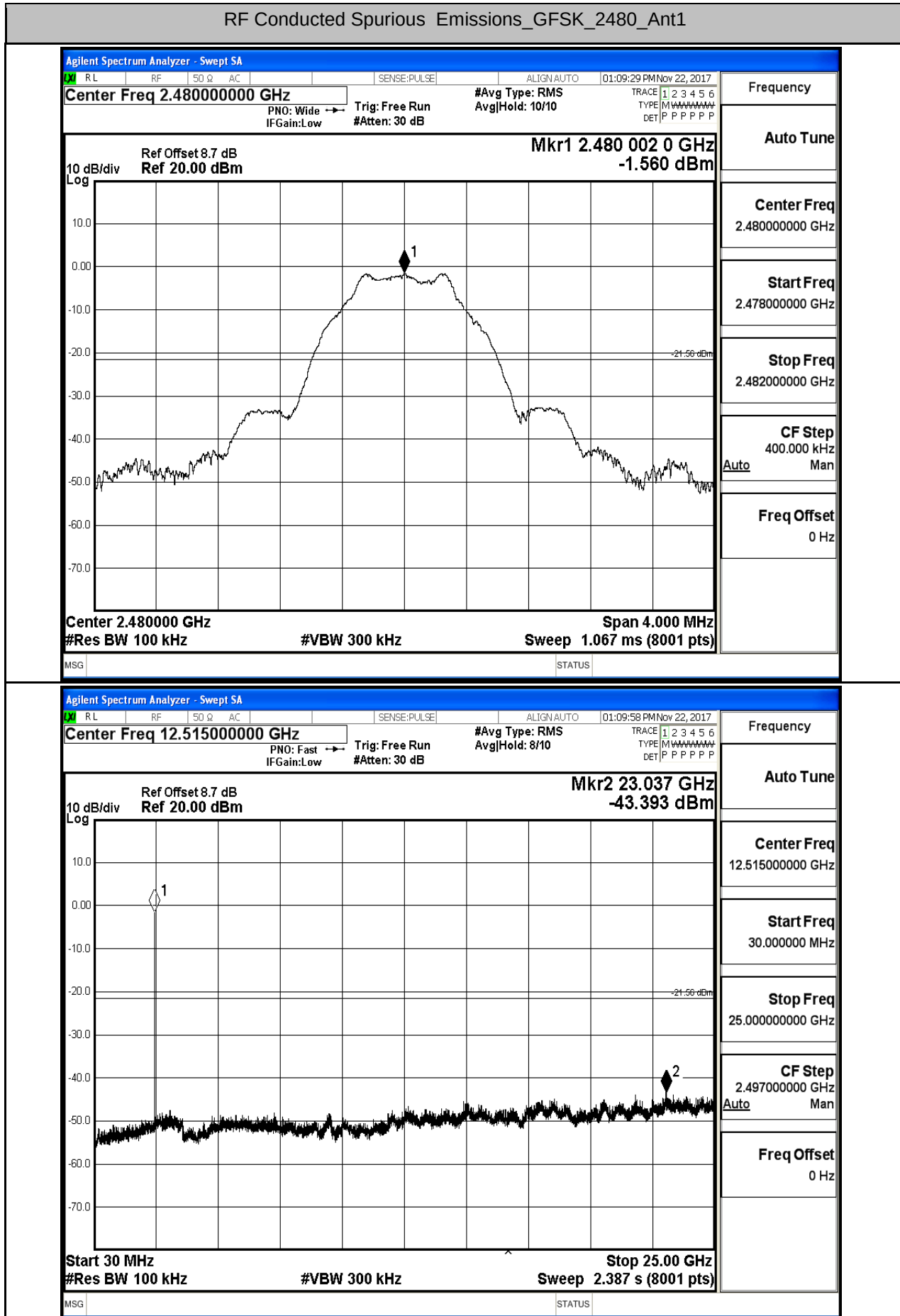
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (8001 pts)

MSG
STATUS

RF Conducted Spurious Emissions_GFSK_2440_Ant1



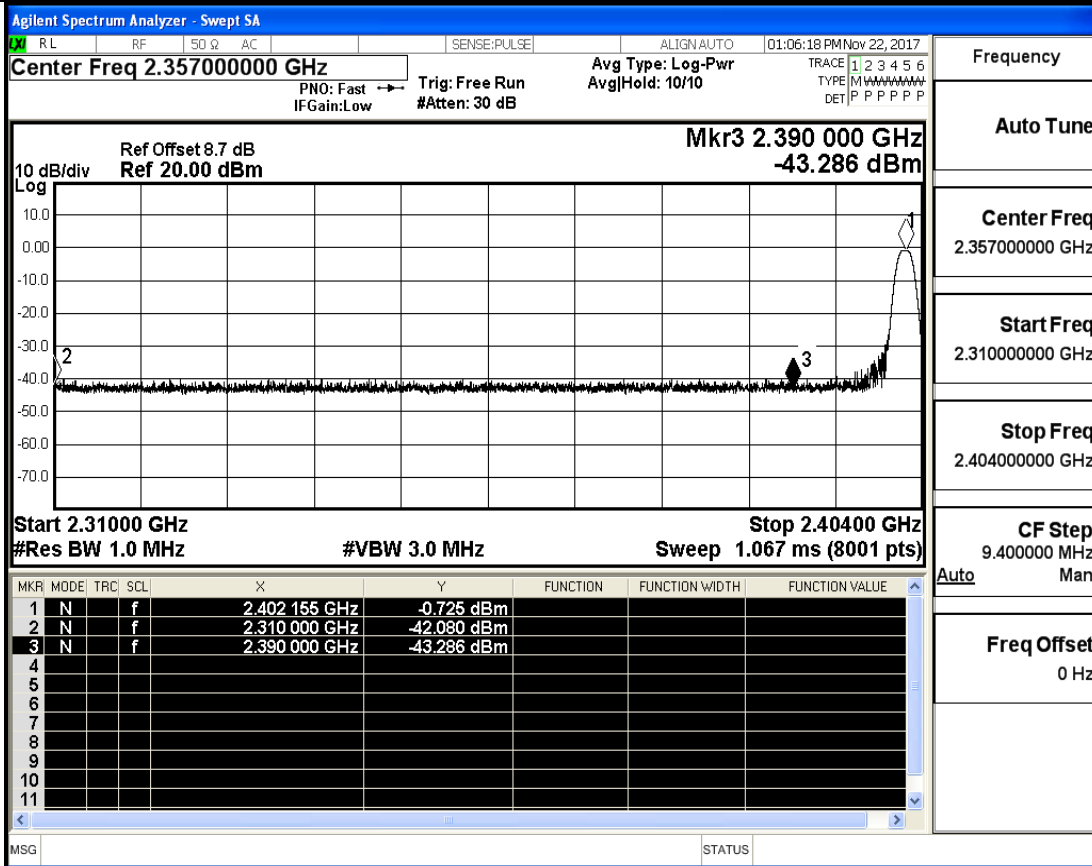
RF Conducted Spurious Emissions_GFSK_2480_Ant1



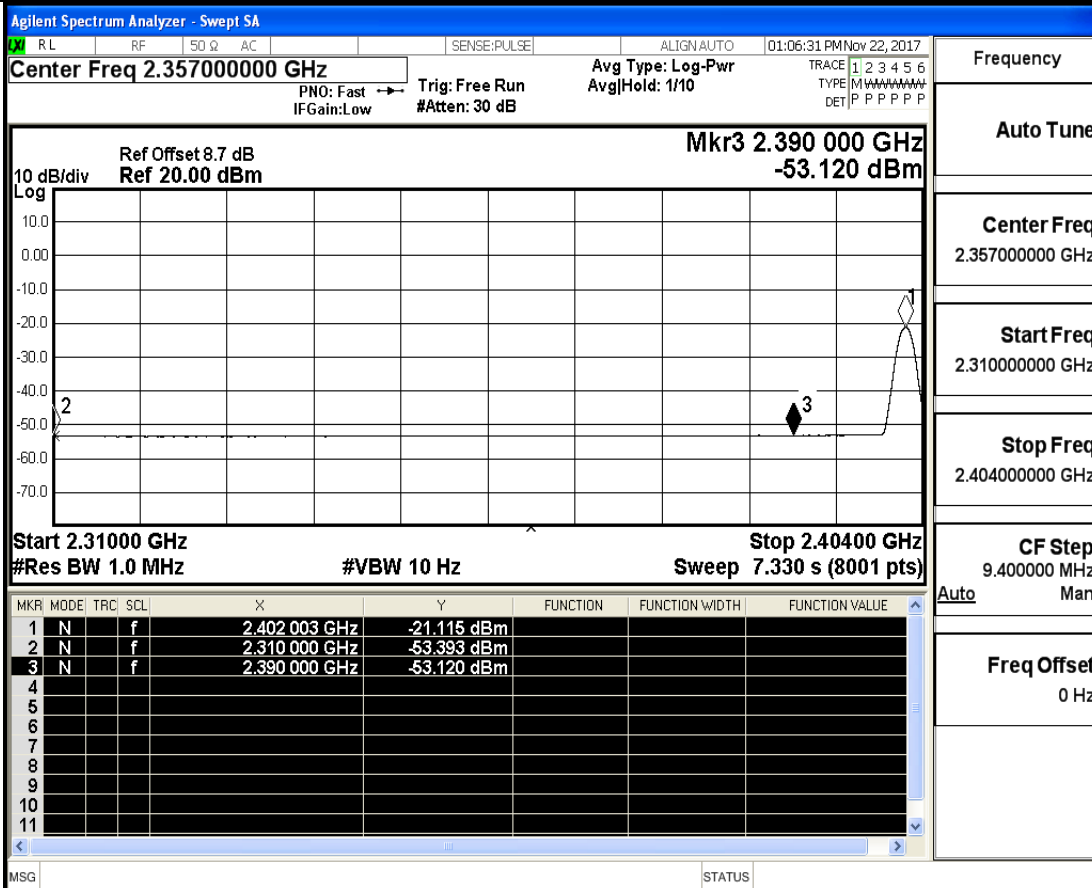
7Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	2402	Ant1	2310.0	-42.08	2.000	0	55.18	PEAK	74	PASS
GFSK	2402	Ant1	2310.0	-53.39	2.000	0	43.86	AV	54	PASS
GFSK	2402	Ant1	2390.0	-43.29	2.000	0	53.97	PEAK	74	PASS
GFSK	2402	Ant1	2390.0	-53.12	2.000	0	44.14	AV	54	PASS
GFSK	2480	Ant1	2483.5	-36.52	2.000	0	60.74	PEAK	74	PASS
GFSK	2480	Ant1	2483.5	-52.87	2.000	0	44.39	AV	54	PASS
GFSK	2480	Ant1	2500.0	-40.24	2.000	0	57.01	PEAK	74	PASS
GFSK	2480	Ant1	2500.0	-52.76	2.000	0	44.50	AV	54	PASS

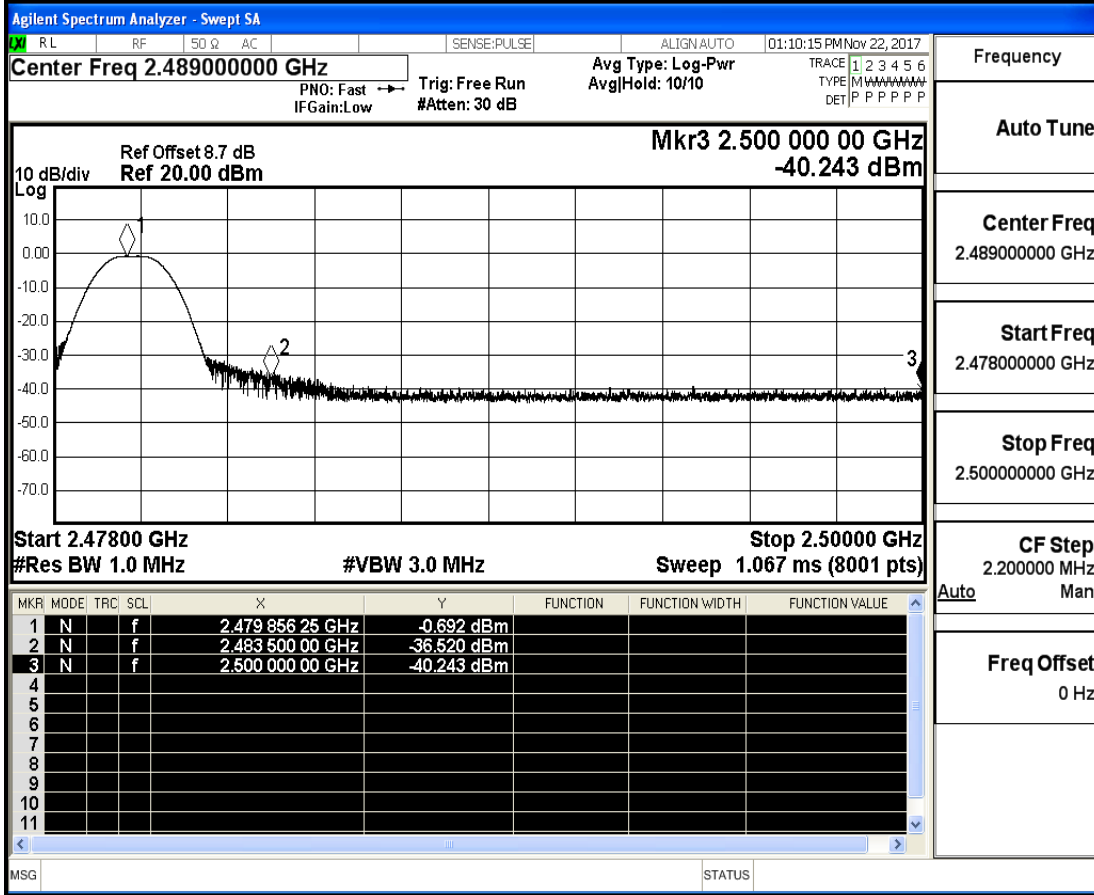
Restrict-band band-edge measurements_GFSK_2402_Ant1_PEAK



Restrict-band band-edge measurements_GFSK_2402_Ant1_AV



Restrict-band band-edge measurements_GFSK_2480_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.489000000 GHz

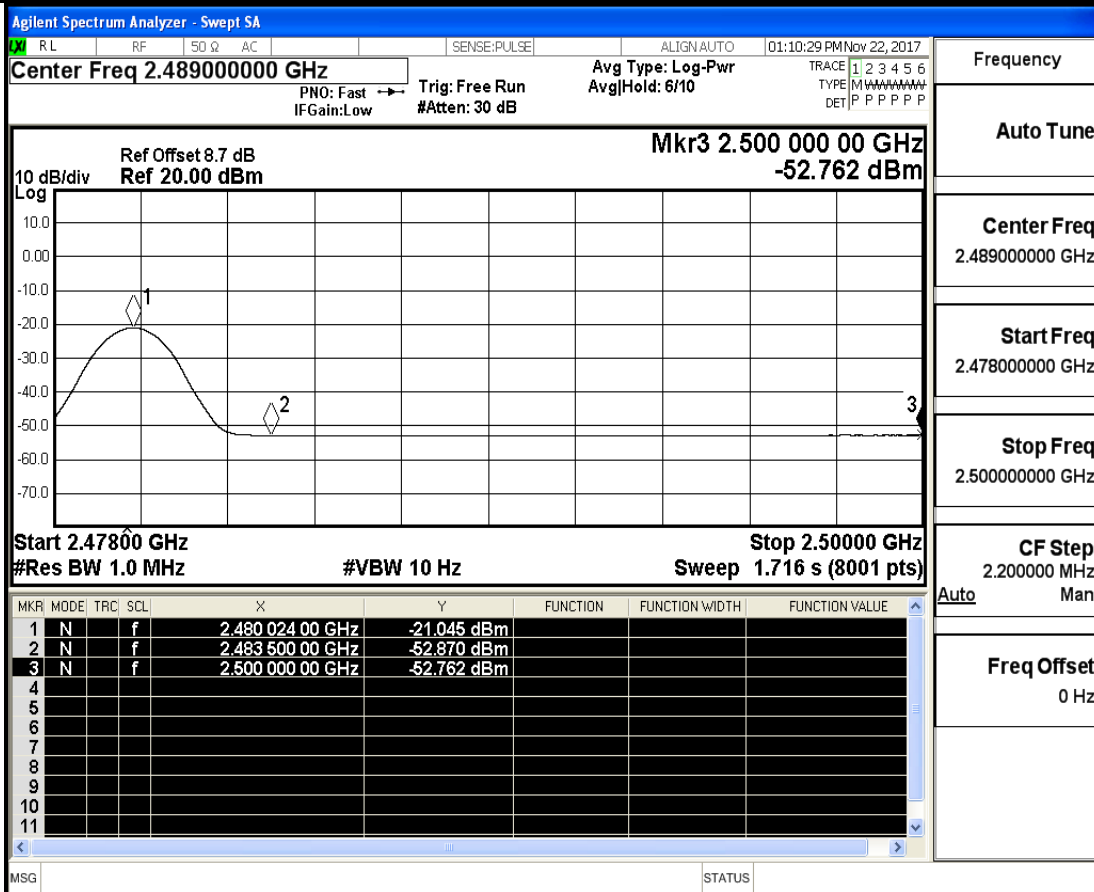
Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_GFSK_2480_Ant1_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

8.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
GFSK	2440	Ant1	100	PASS

