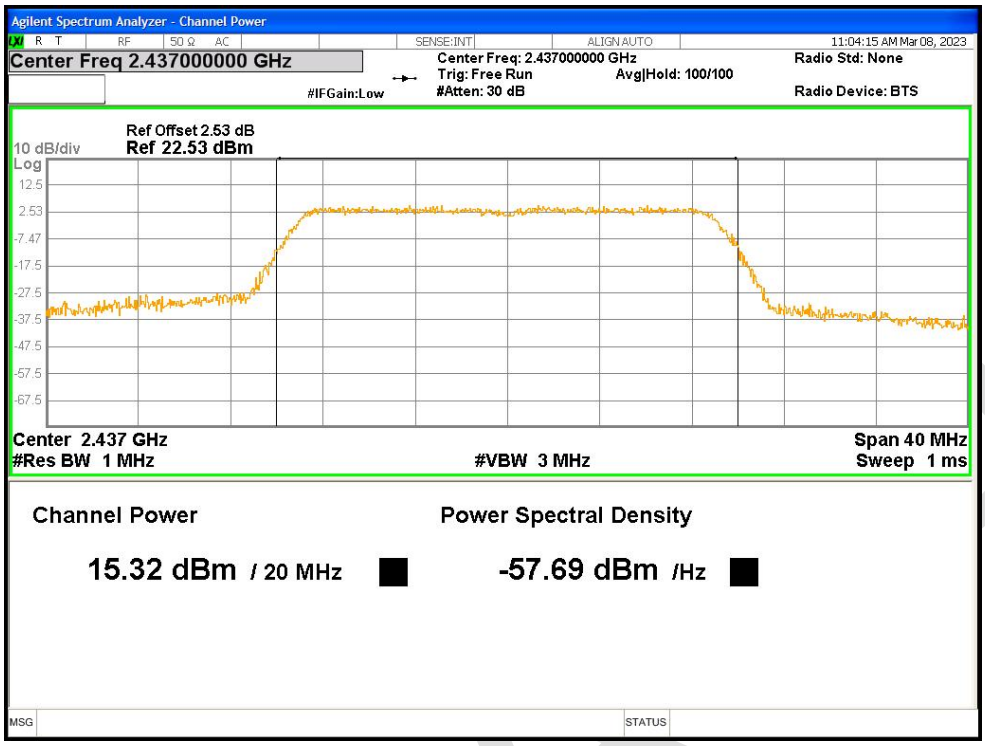
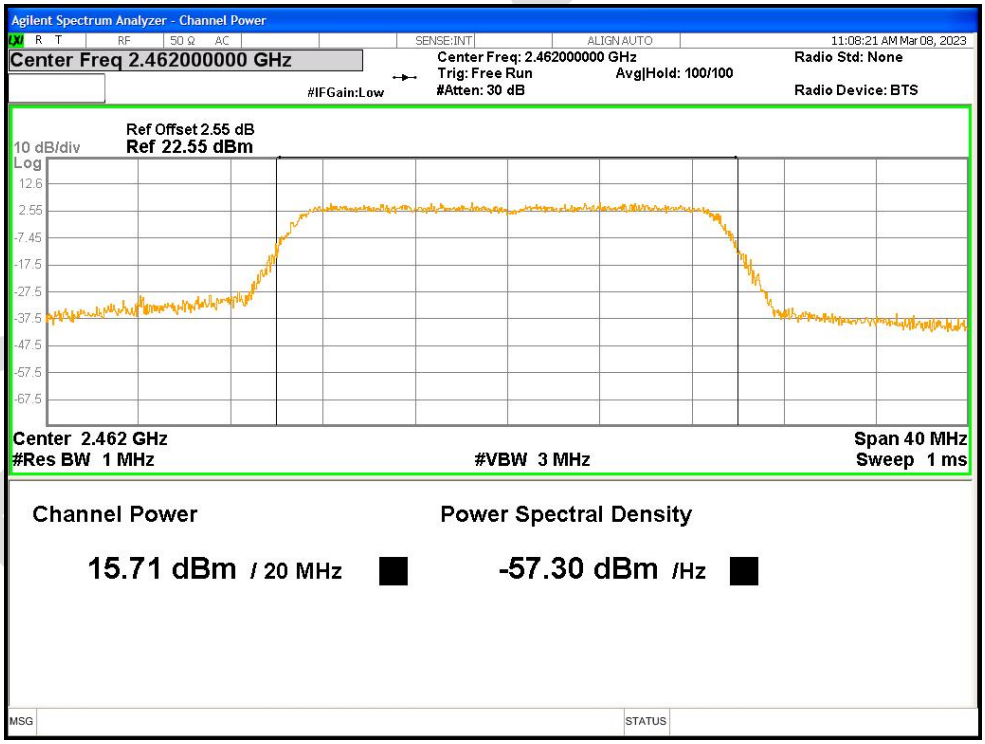
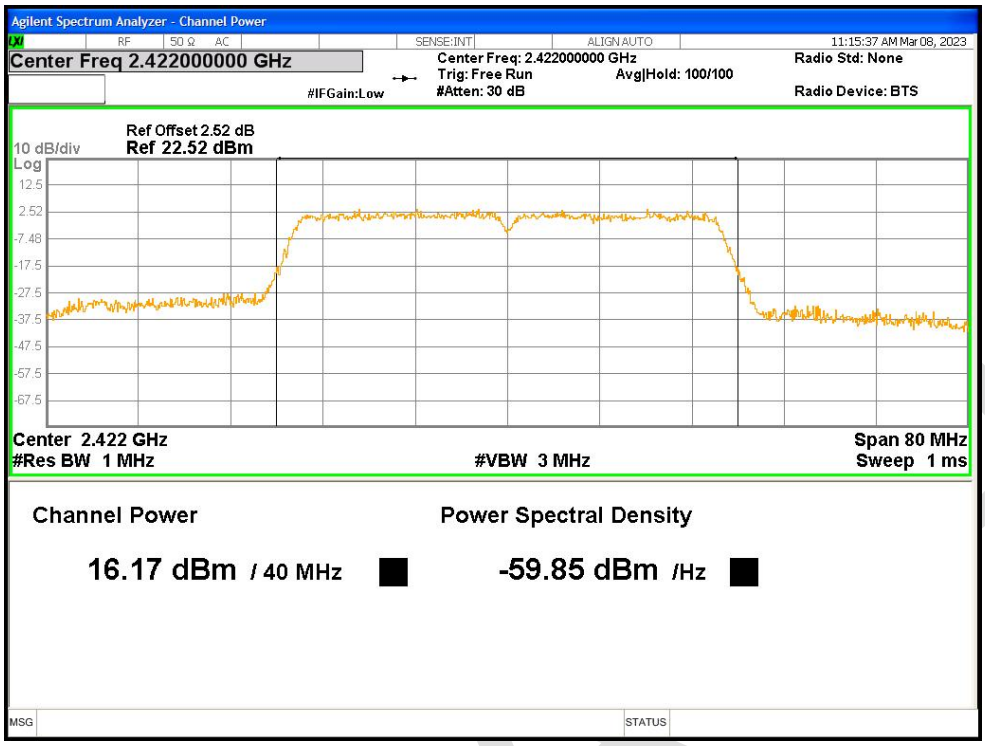


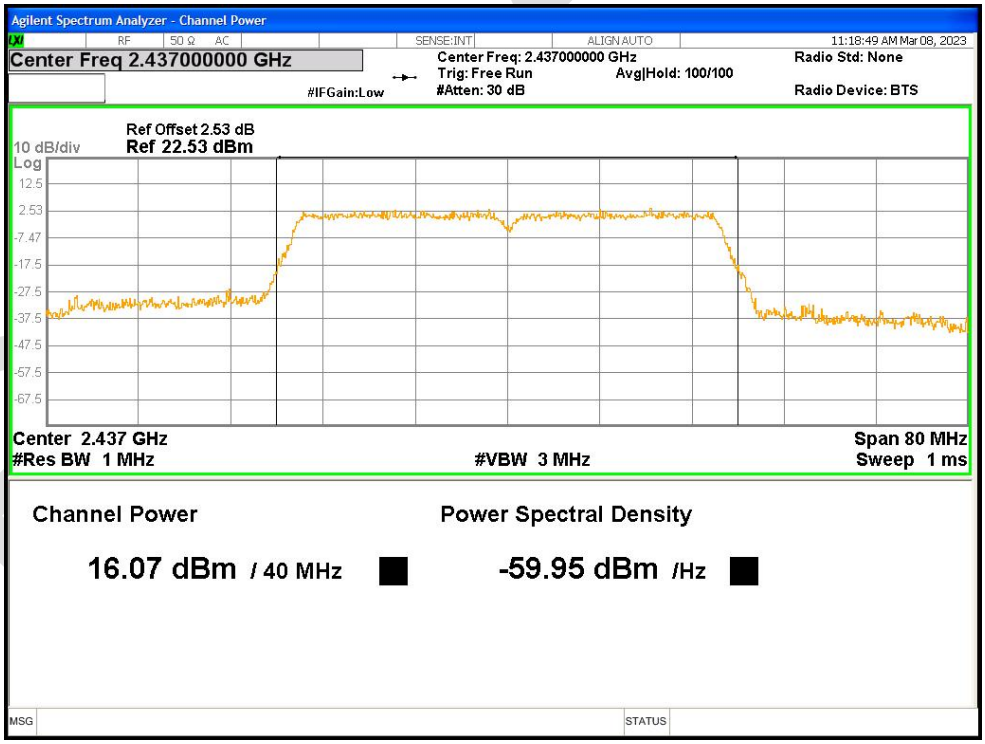
Power NVNT n20 2462MHz Ant1



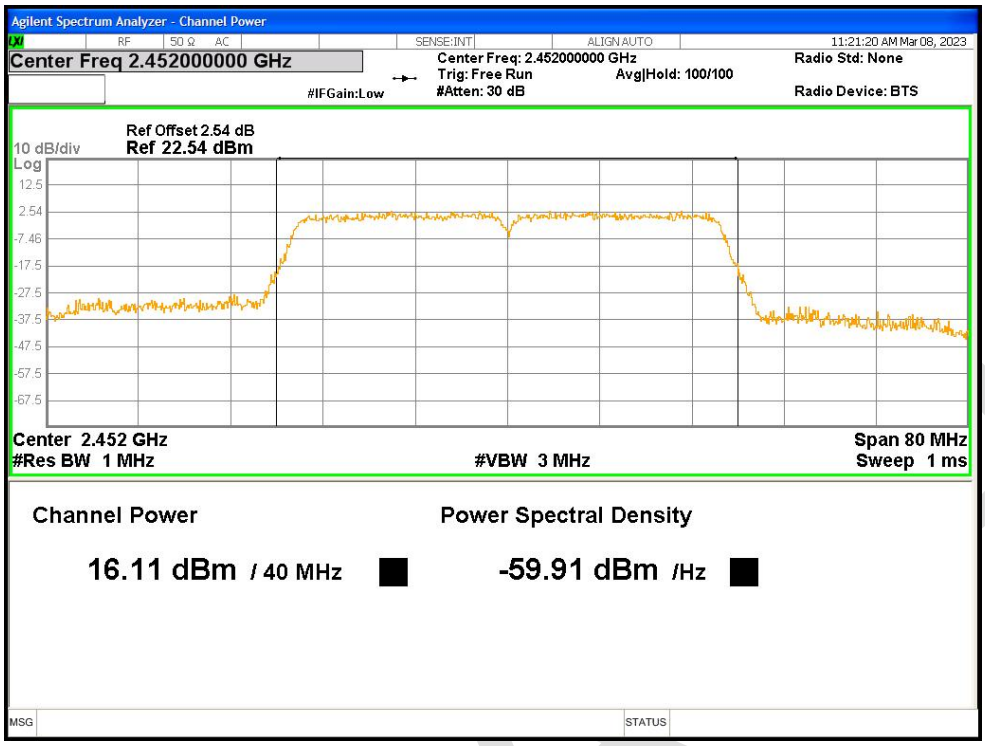
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



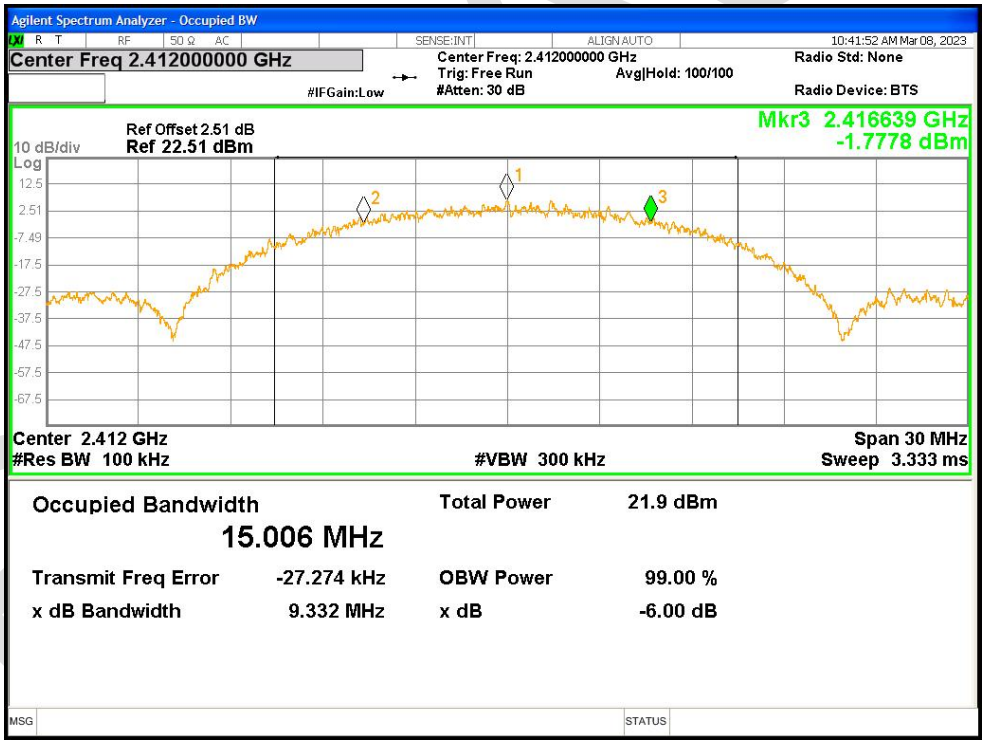
Power NVNT n40 2452MHz Ant1


Agilent Spectrum Analyzer - Channel Power
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
11:21:20 AM Mar 08, 2023
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 2.54 dB
10 dB/div
Ref 22.54 dBm
Log
12.5
2.54
-7.46
-17.5
-27.5
-37.5
-47.5
-57.5
-67.5
Center 2.452 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 80 MHz
Sweep 1 ms
Channel Power
16.11 dBm / 40 MHz
Power Spectral Density
-59.91 dBm /Hz
MSG
STATUS

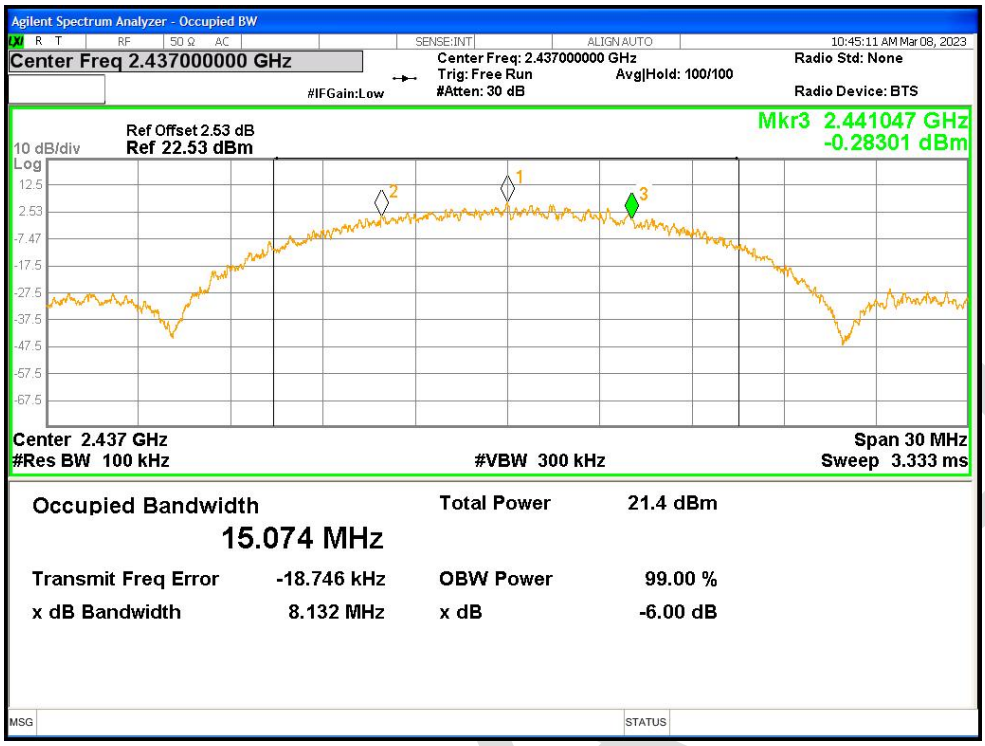
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.332	0.5	Pass
NVNT	b	2437	Ant1	8.132	0.5	Pass
NVNT	b	2462	Ant1	8.14	0.5	Pass
NVNT	g	2412	Ant1	16.434	0.5	Pass
NVNT	g	2437	Ant1	16.466	0.5	Pass
NVNT	g	2462	Ant1	16.451	0.5	Pass
NVNT	n20	2412	Ant1	17.628	0.5	Pass
NVNT	n20	2437	Ant1	17.735	0.5	Pass
NVNT	n20	2462	Ant1	17.684	0.5	Pass
NVNT	n40	2422	Ant1	36.366	0.5	Pass
NVNT	n40	2437	Ant1	36.389	0.5	Pass
NVNT	n40	2452	Ant1	36.375	0.5	Pass

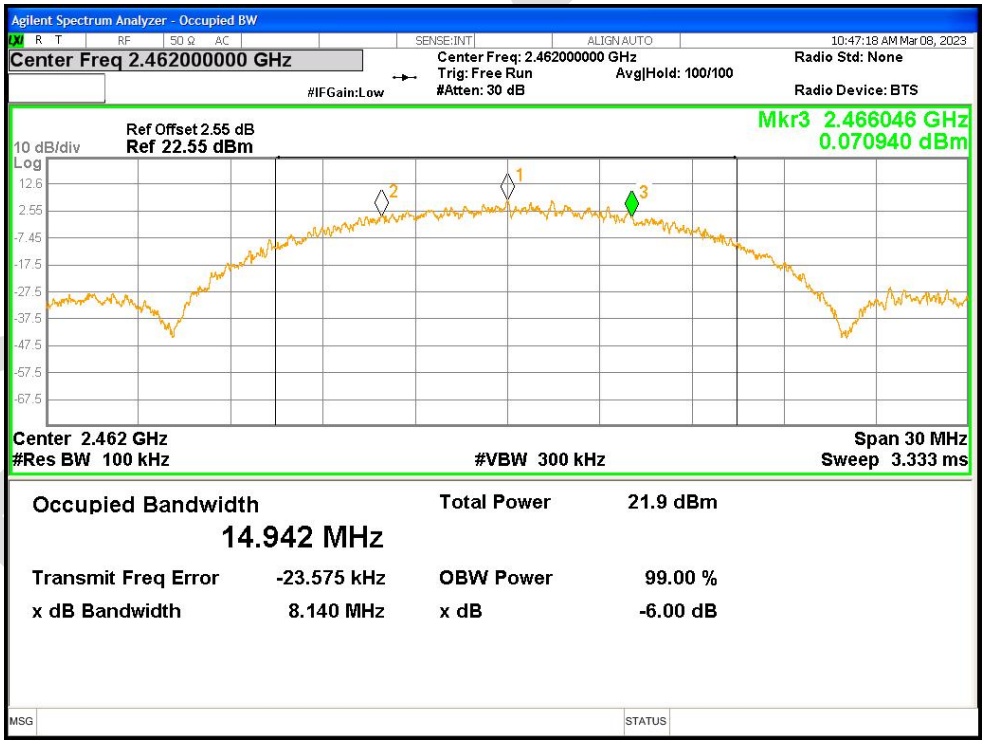
-6dB Bandwidth NVNT b 2412MHz Ant1



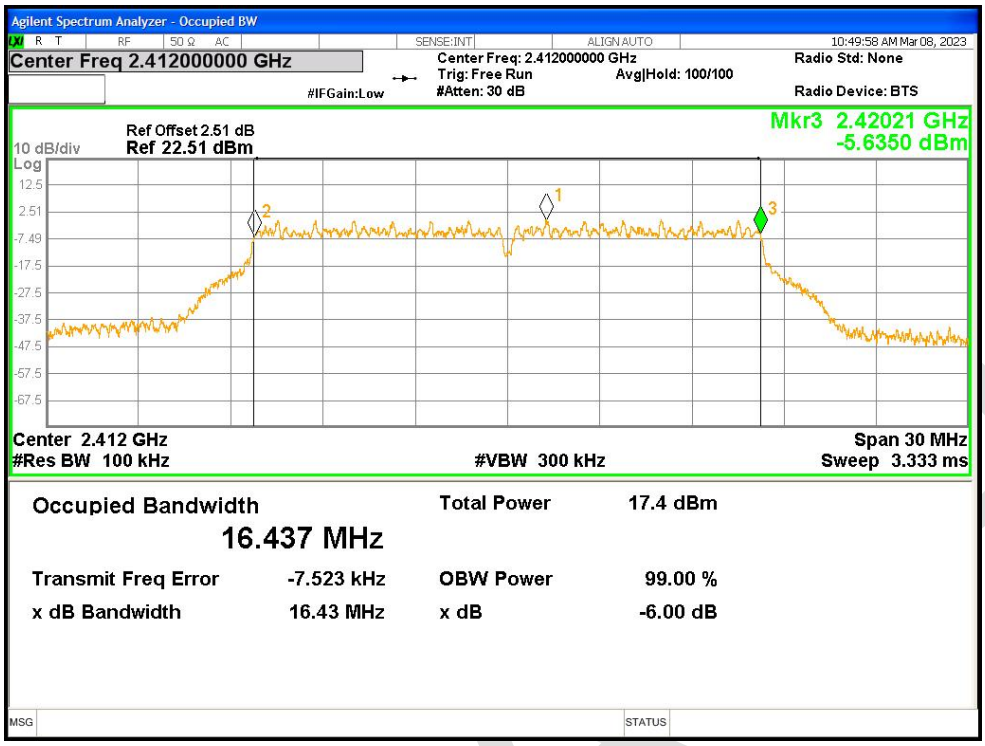
-6dB Bandwidth NVNT b 2437MHz Ant1



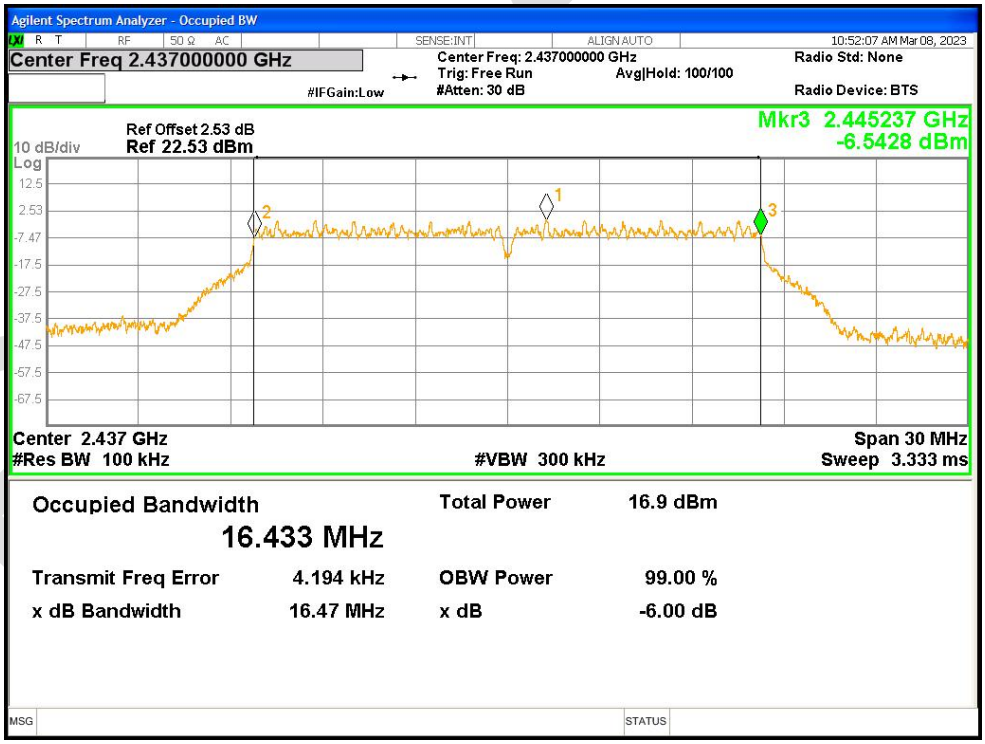
-6dB Bandwidth NVNT b 2462MHz Ant1



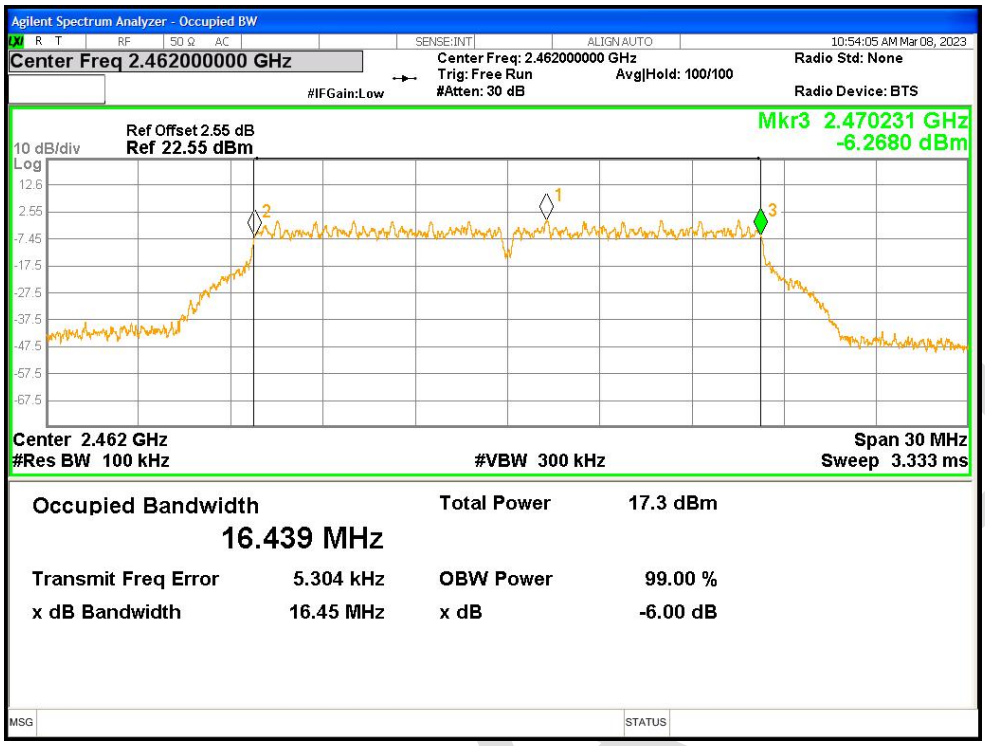
-6dB Bandwidth NVNT g 2412MHz Ant1



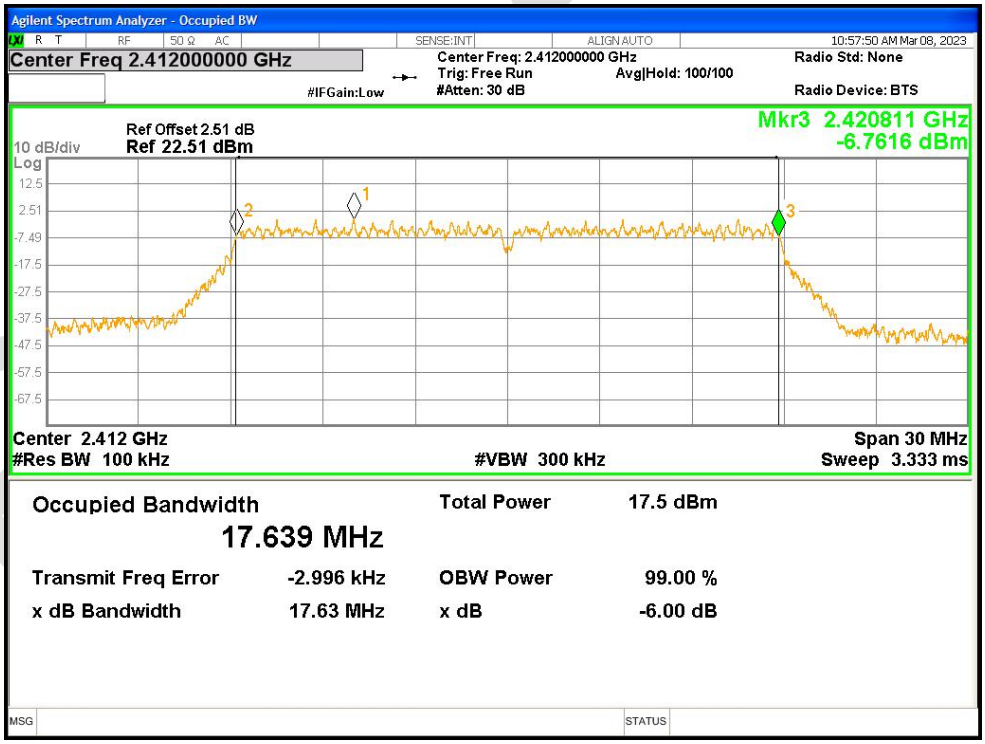
-6dB Bandwidth NVNT g 2437MHz Ant1



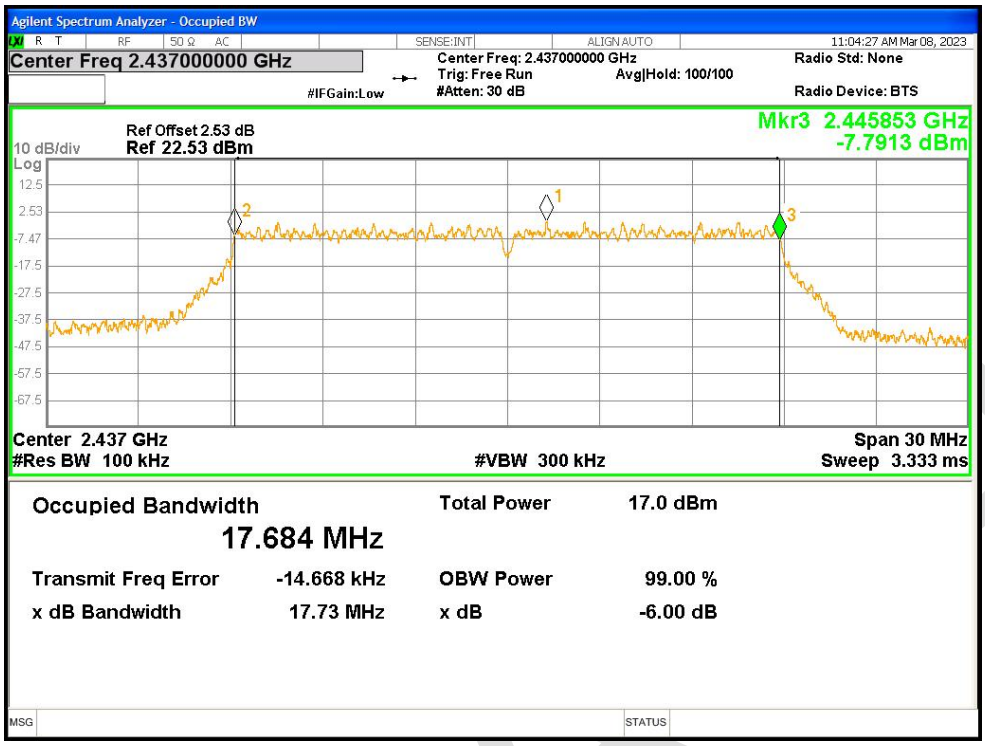
-6dB Bandwidth NVNT g 2462MHz Ant1



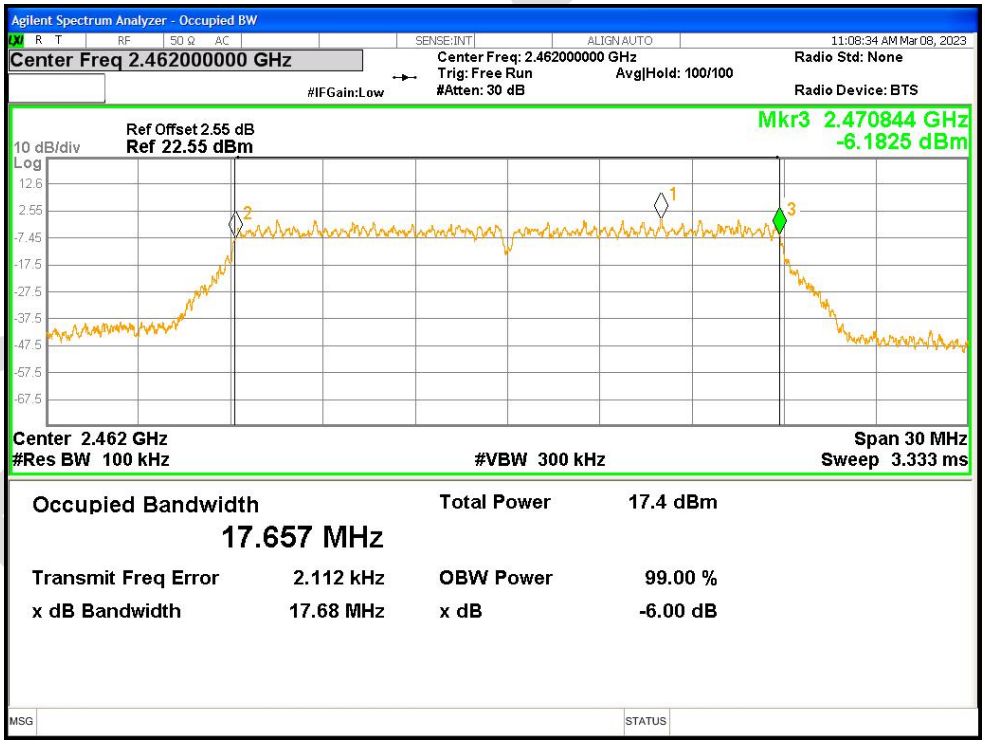
-6dB Bandwidth NVNT n20 2412MHz Ant1



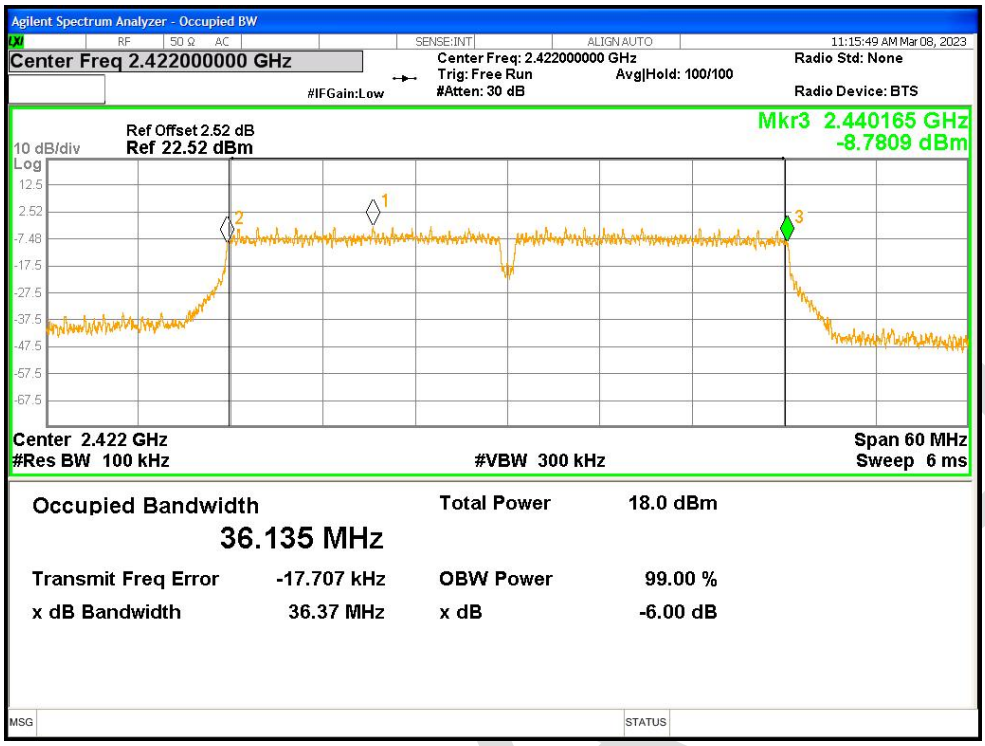
-6dB Bandwidth NVNT n20 2437MHz Ant1



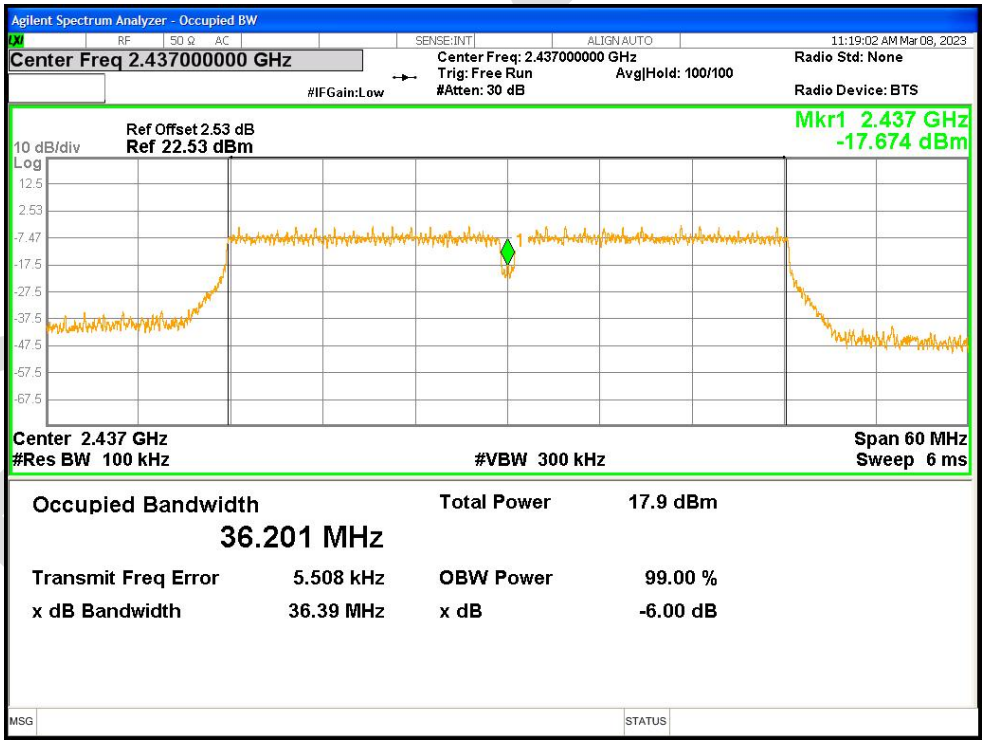
-6dB Bandwidth NVNT n20 2462MHz Ant1



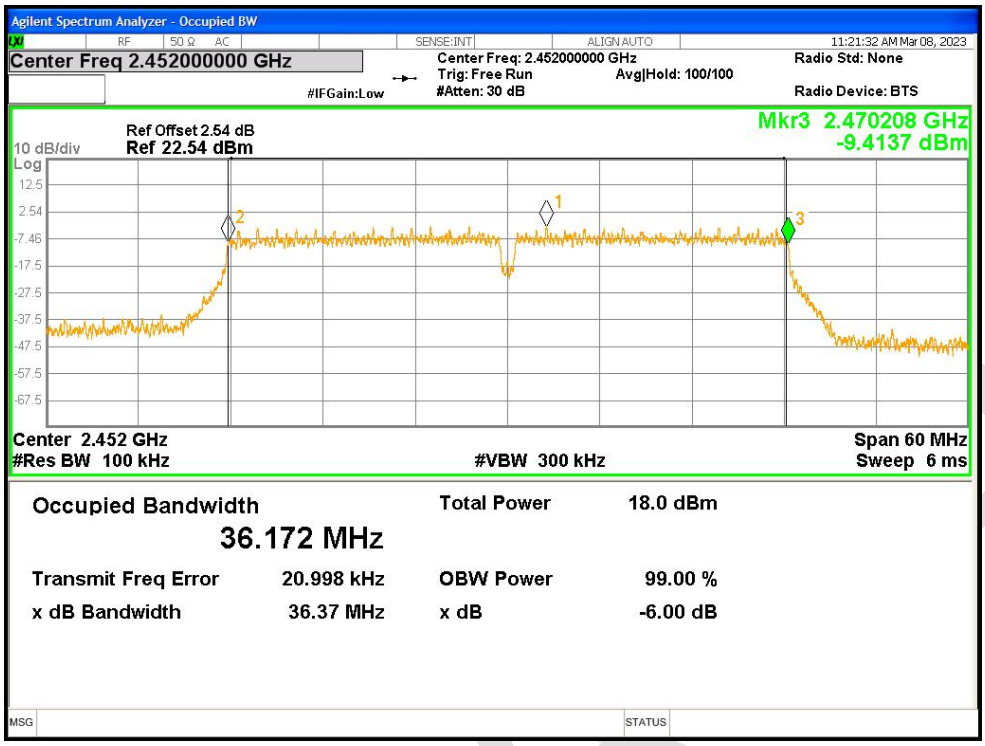
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



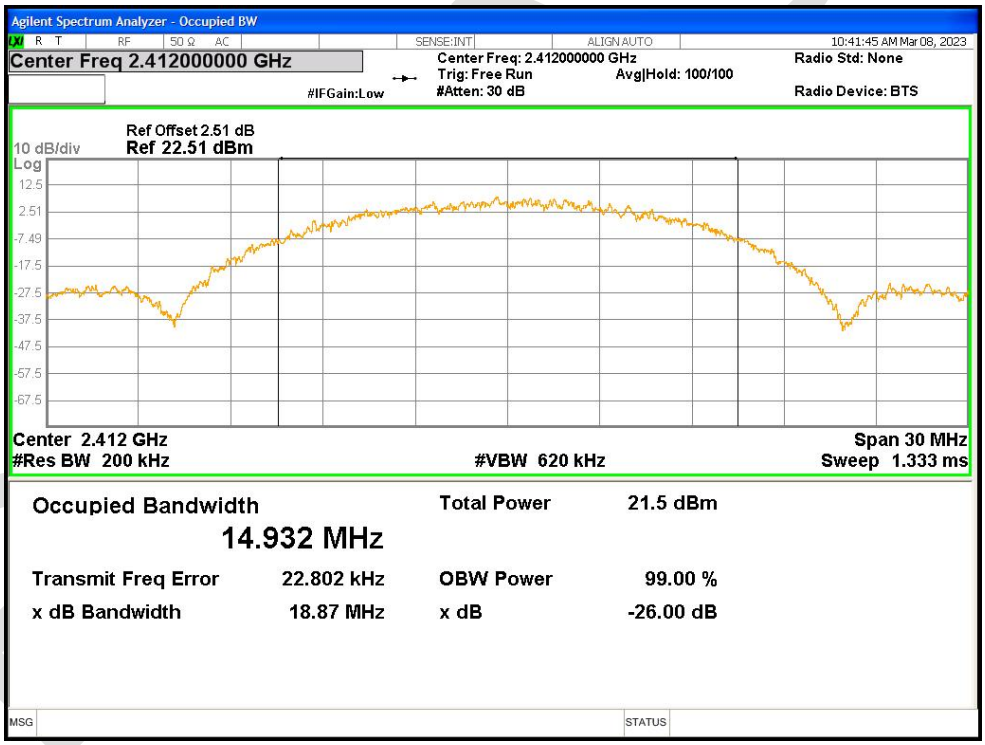
-6dB Bandwidth NVNT n40 2452MHz Ant1


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
11:21:32 AM Mar 08, 2023
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 2.54 dB
10 dB/div
Ref 22.54 dBm
Log
Mkr3 2.470208 GHz
-9.4137 dBm
12.5
2.54
-7.46
-17.5
-27.5
-37.5
-47.5
-57.5
-67.5
Center 2.452 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 6 ms
Occupied Bandwidth
36.172 MHz
Total Power 18.0 dBm
Transmit Freq Error 20.998 kHz
OBW Power 99.00 %
x dB Bandwidth 36.37 MHz
x dB -6.00 dB
MSG
STATUS

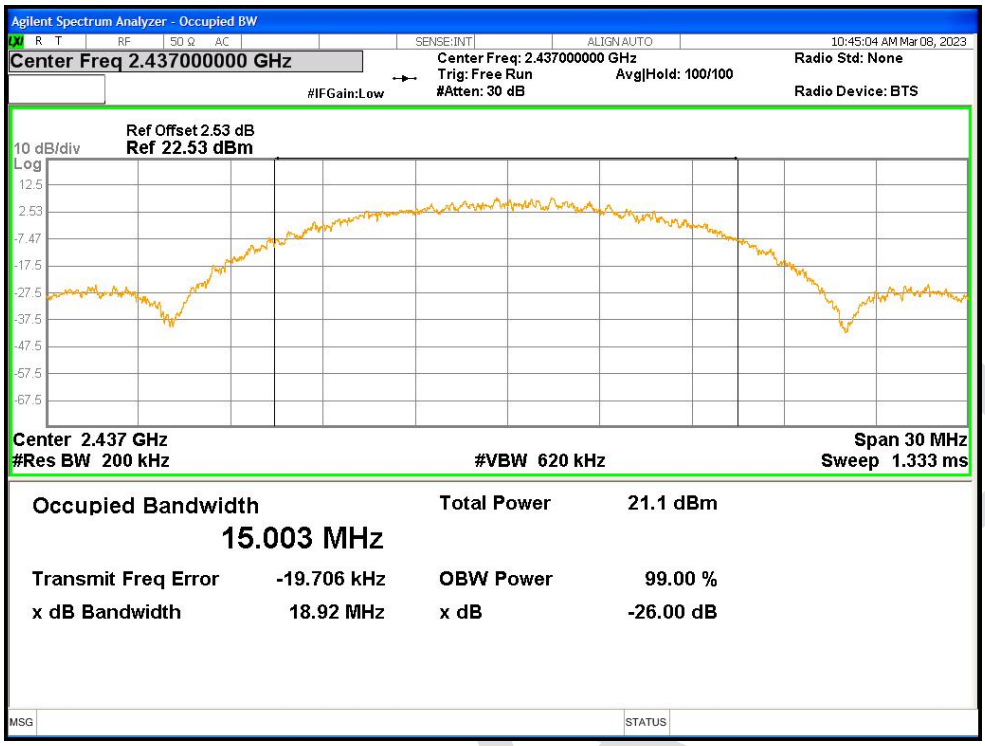
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.932
NVNT	b	2437	Ant1	15.003
NVNT	b	2462	Ant1	15.027
NVNT	g	2412	Ant1	16.531
NVNT	g	2437	Ant1	16.546
NVNT	g	2462	Ant1	16.539
NVNT	n20	2412	Ant1	17.738
NVNT	n20	2437	Ant1	17.709
NVNT	n20	2462	Ant1	17.772
NVNT	n40	2422	Ant1	36.292
NVNT	n40	2437	Ant1	36.368
NVNT	n40	2452	Ant1	36.350

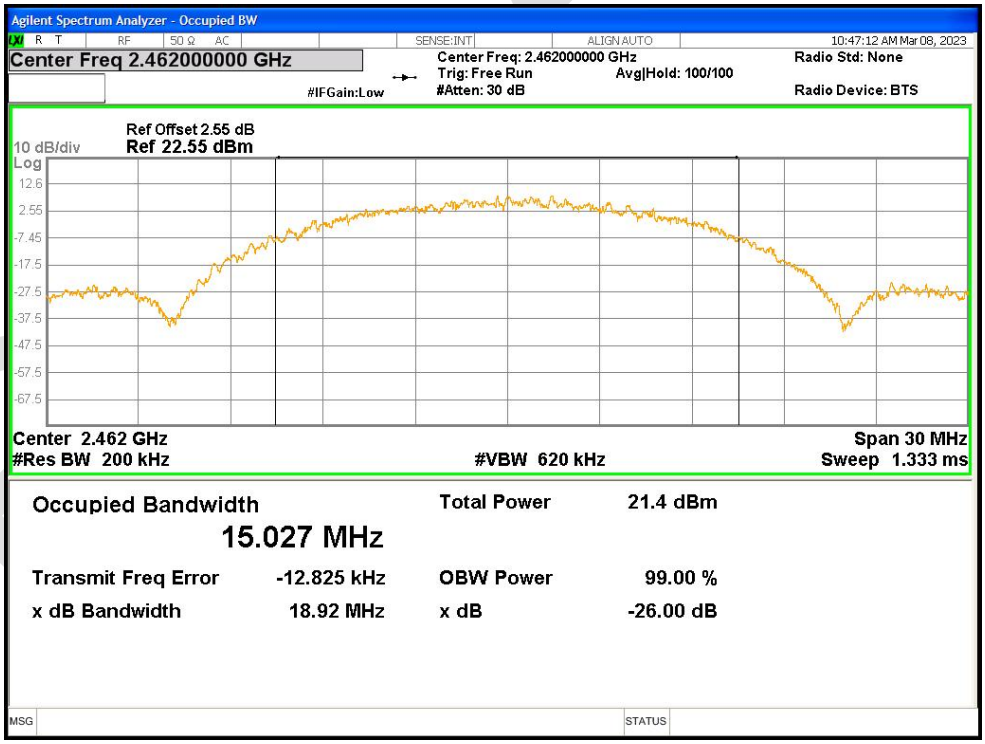
OBW NVNT b 2412MHz Ant1



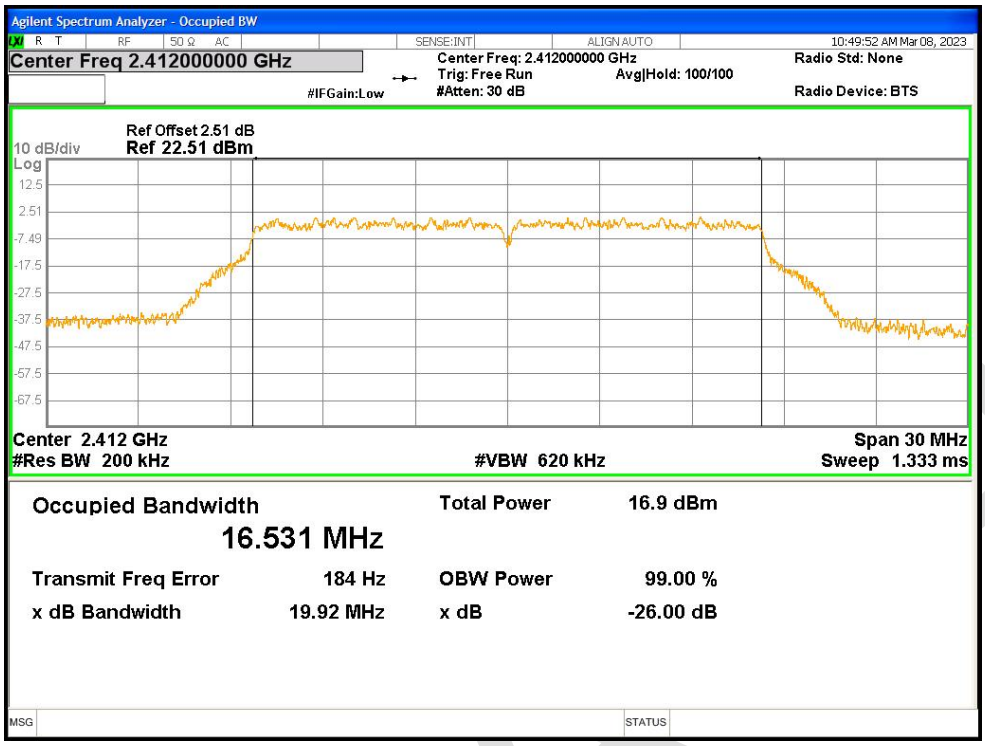
OBW NVNT b 2437MHz Ant1



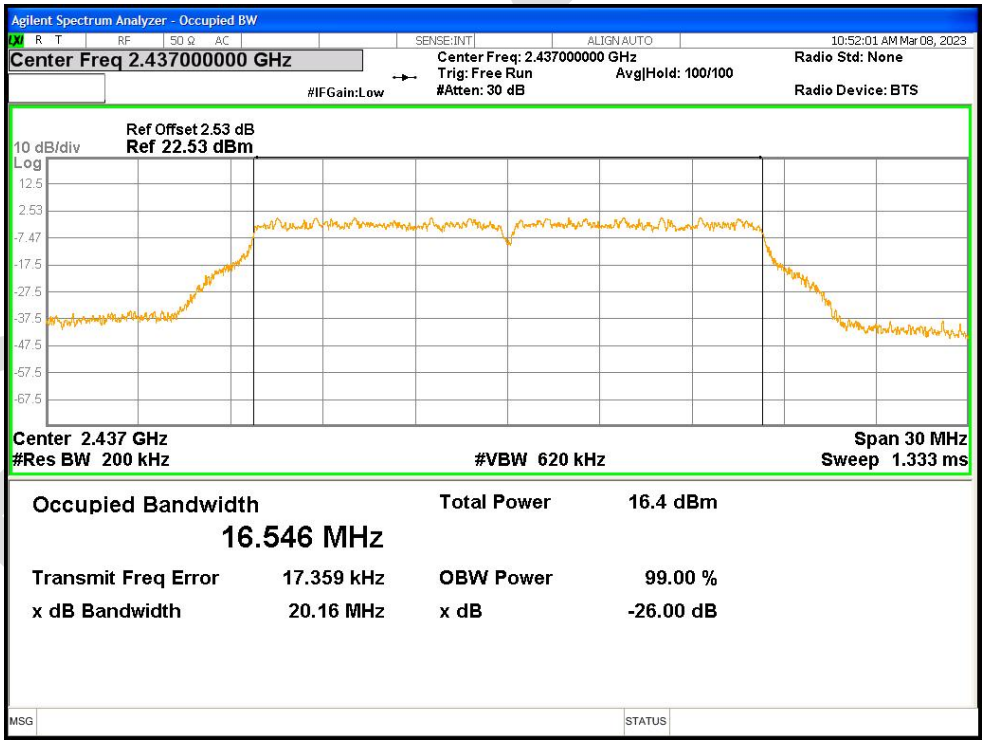
OBW NVNT b 2462MHz Ant1



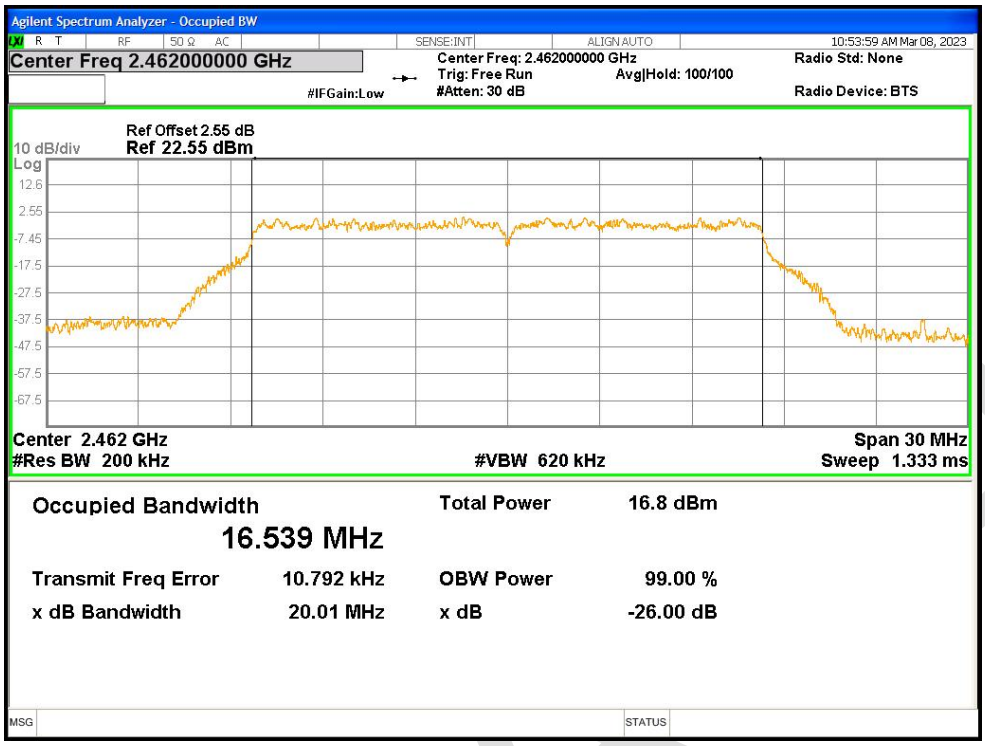
OBW NVNT g 2412MHz Ant1



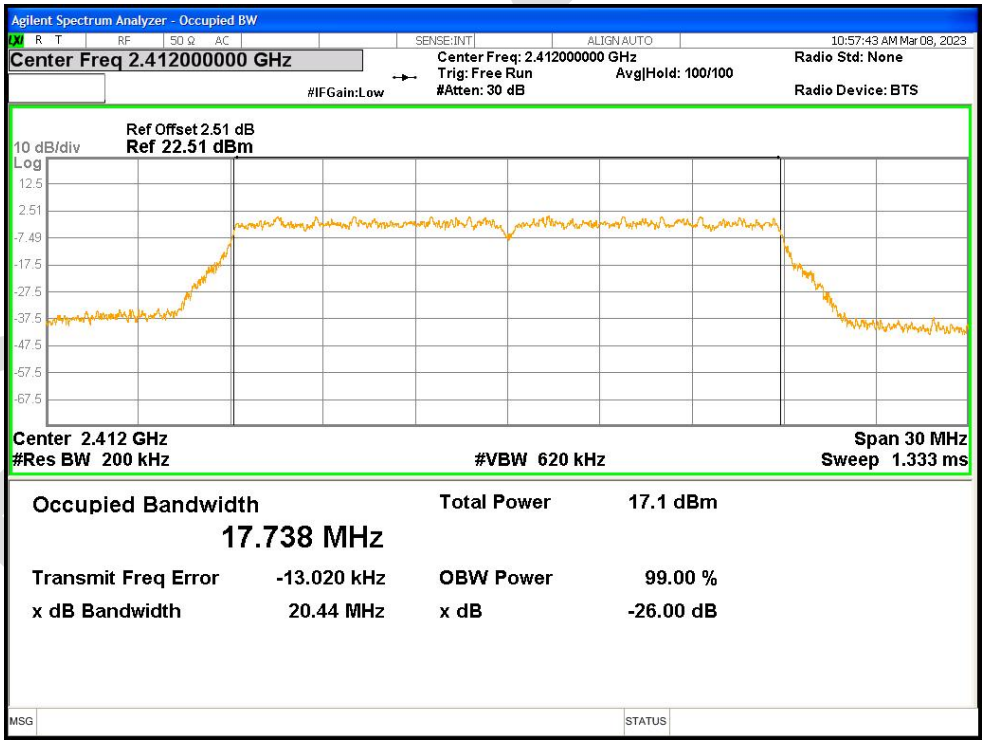
OBW NVNT g 2437MHz Ant1



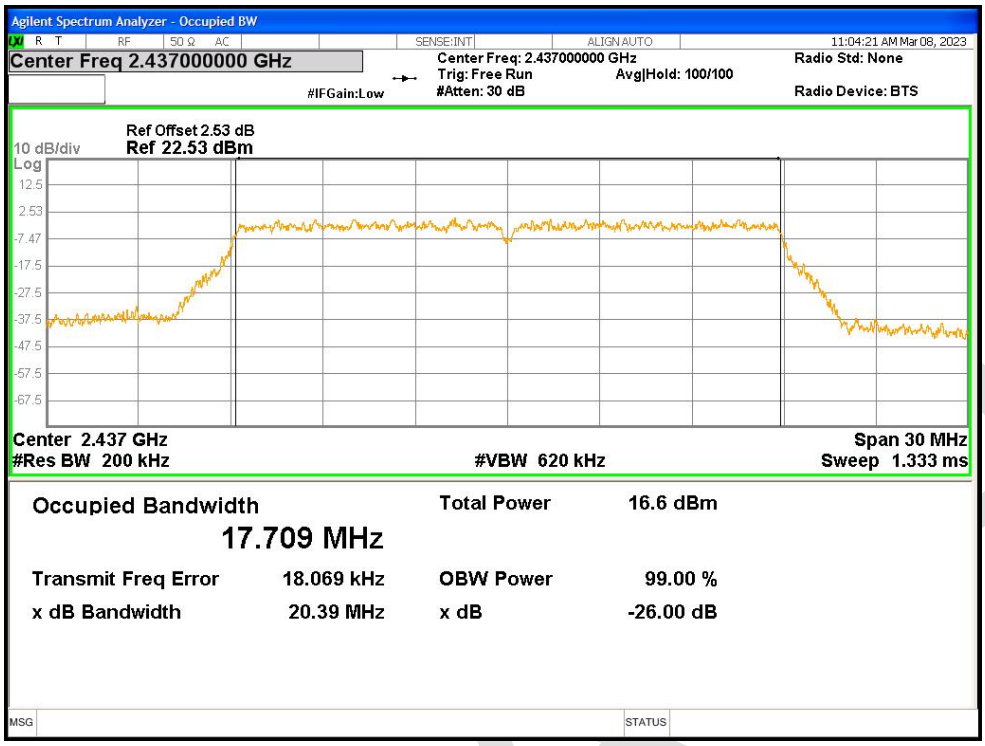
OBW NVNT g 2462MHz Ant1



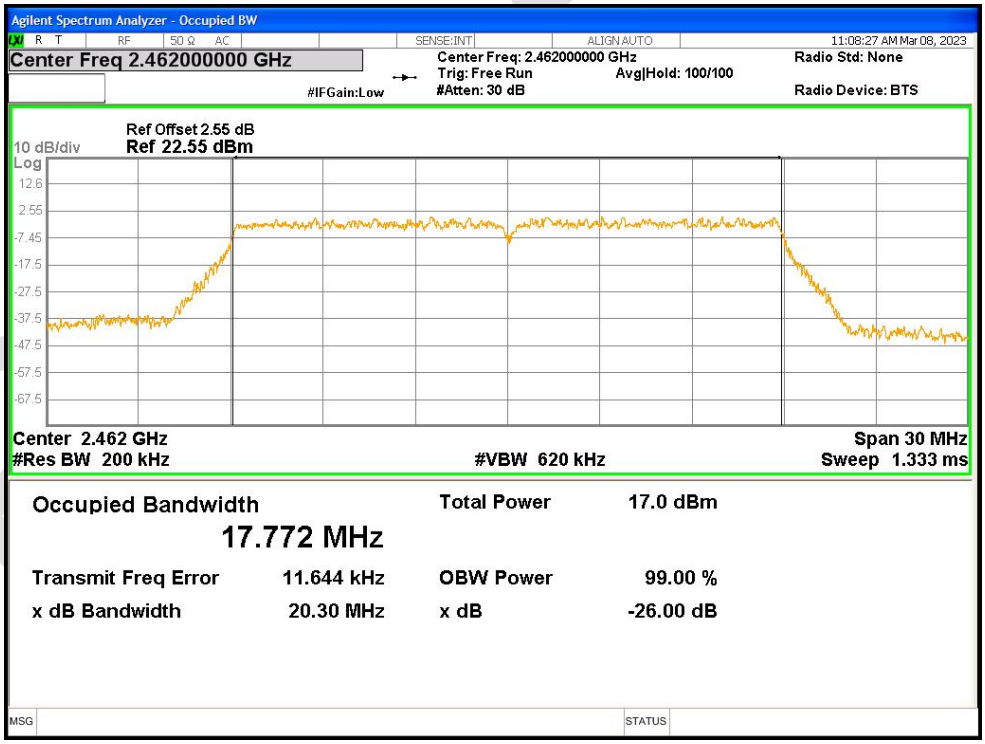
OBW NVNT n20 2412MHz Ant1



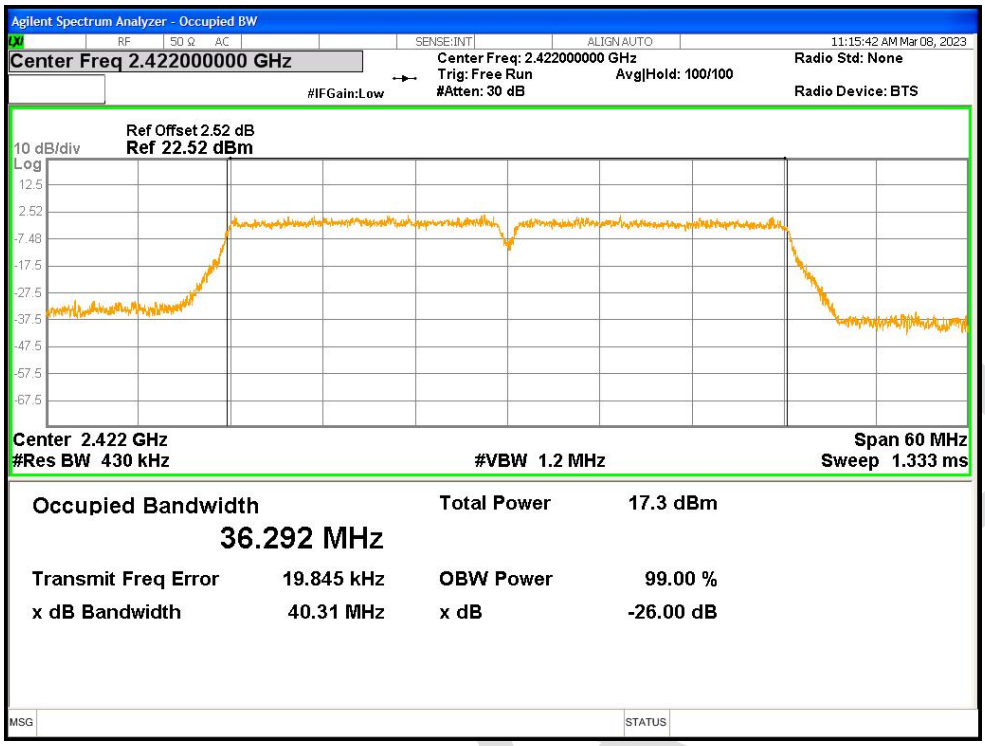
OBW NVNT n20 2437MHz Ant1



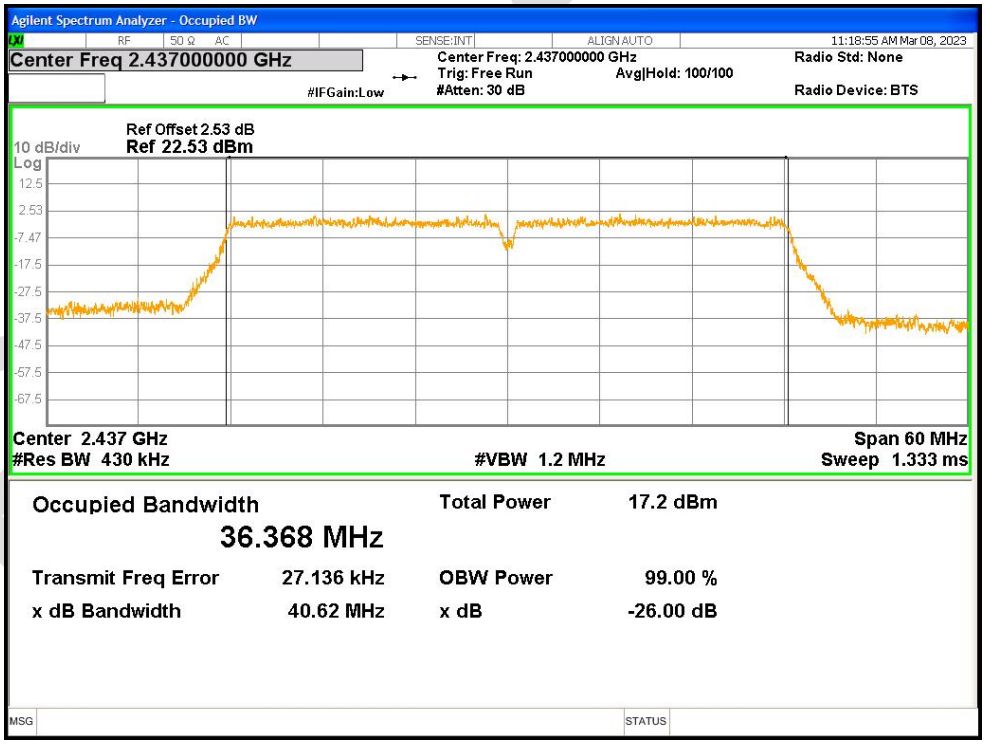
OBW NVNT n20 2462MHz Ant1



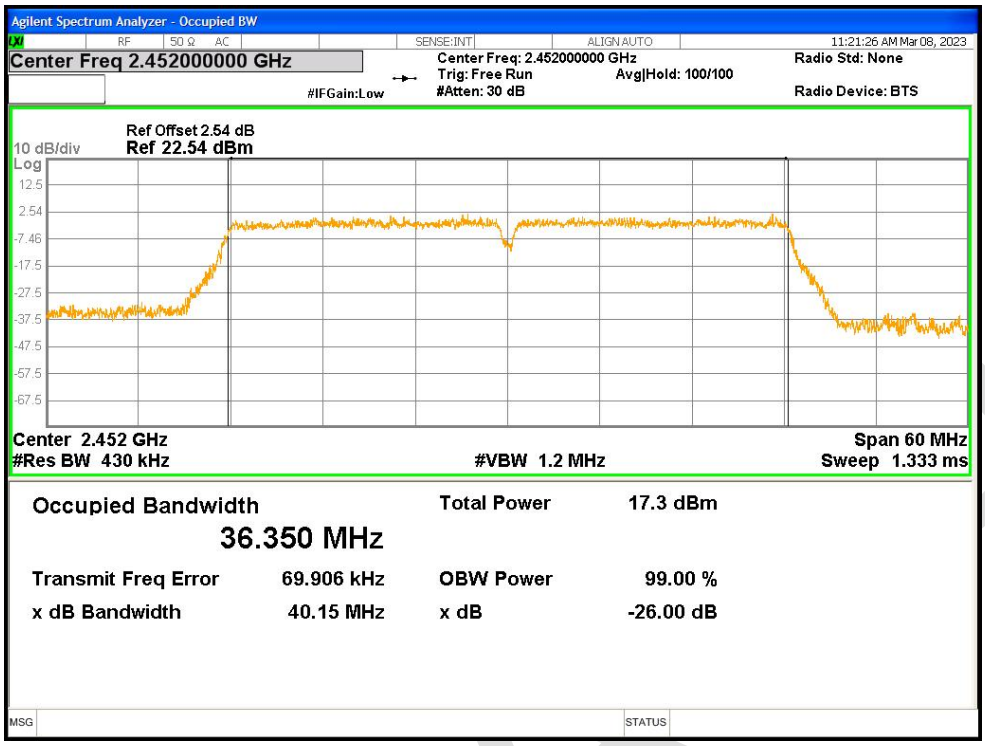
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



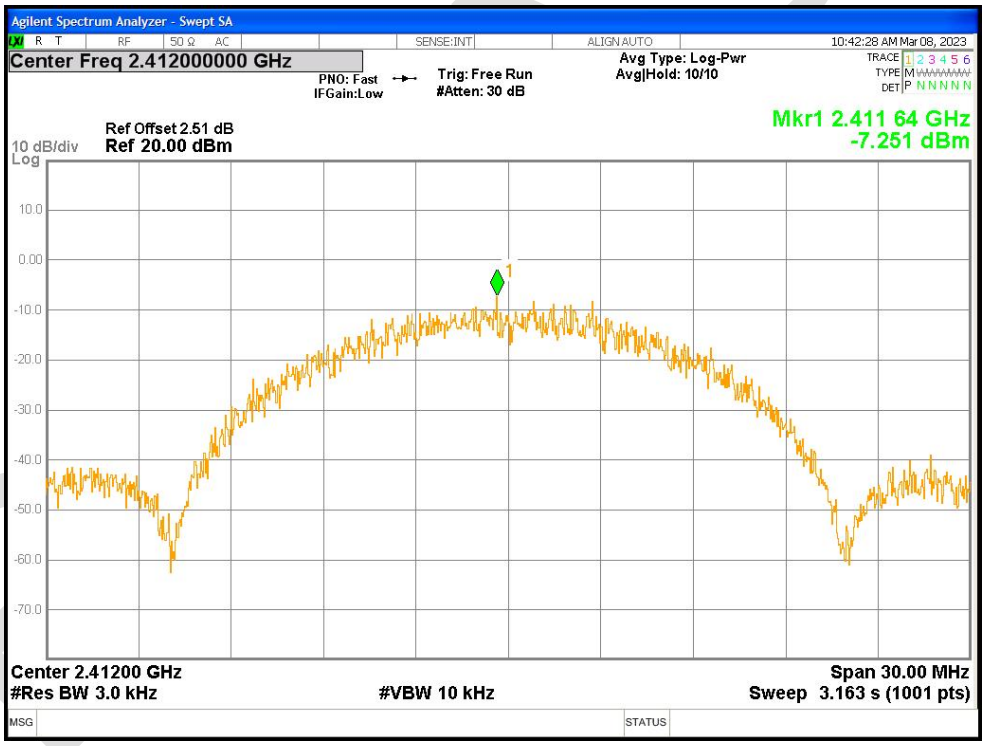
OBW NVNT n40 2452MHz Ant1


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
11:21:26 AM Mar 08, 2023
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 2.54 dB
10 dB/div
Ref 22.54 dBm
Log
12.5
2.54
-7.46
-17.5
-27.5
-37.5
-47.5
-57.5
-67.5
Center 2.452 GHz
#Res BW 430 kHz
#VBW 1.2 MHz
Span 60 MHz
Sweep 1.333 ms
Occupied Bandwidth
36.350 MHz
Total Power 17.3 dBm
Transmit Freq Error 69.906 kHz
OBW Power 99.00 %
x dB Bandwidth 40.15 MHz
x dB -26.00 dB
MSG
STATUS

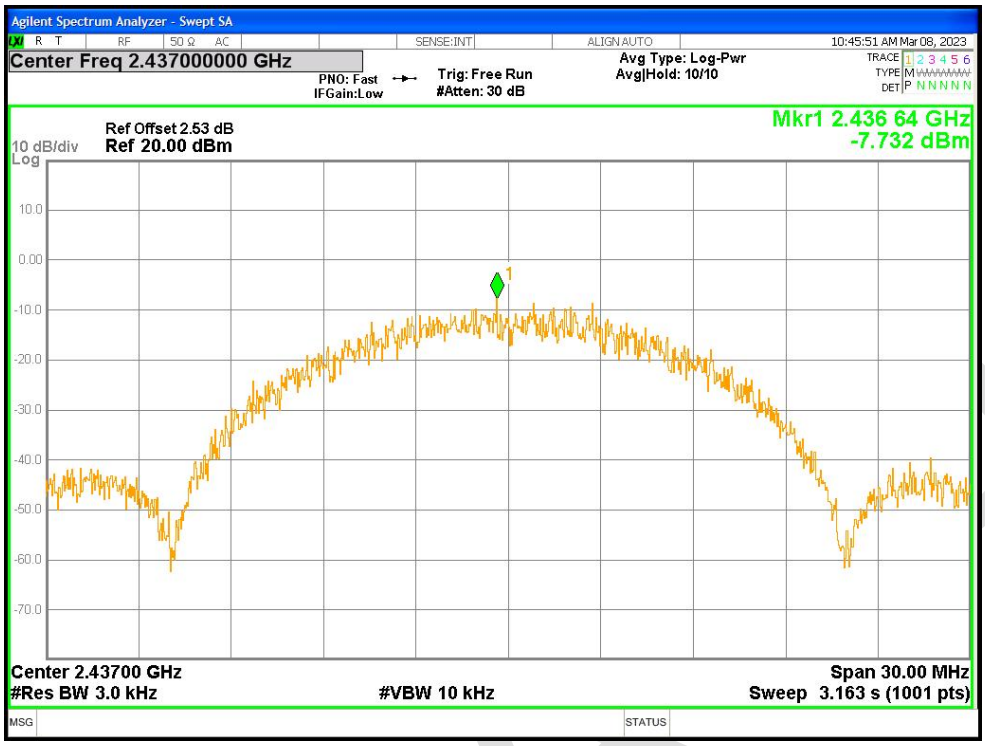
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-7.251	8	Pass
NVNT	b	2437	Ant1	-7.732	8	Pass
NVNT	b	2462	Ant1	-7.292	8	Pass
NVNT	g	2412	Ant1	-15.107	8	Pass
NVNT	g	2437	Ant1	-15.426	8	Pass
NVNT	g	2462	Ant1	-15.22	8	Pass
NVNT	n20	2412	Ant1	-15.856	8	Pass
NVNT	n20	2437	Ant1	-16.272	8	Pass
NVNT	n20	2462	Ant1	-1000	8	Pass
NVNT	n40	2422	Ant1	-17.974	8	Pass
NVNT	n40	2437	Ant1	-18.138	8	Pass
NVNT	n40	2452	Ant1	-17.609	8	Pass

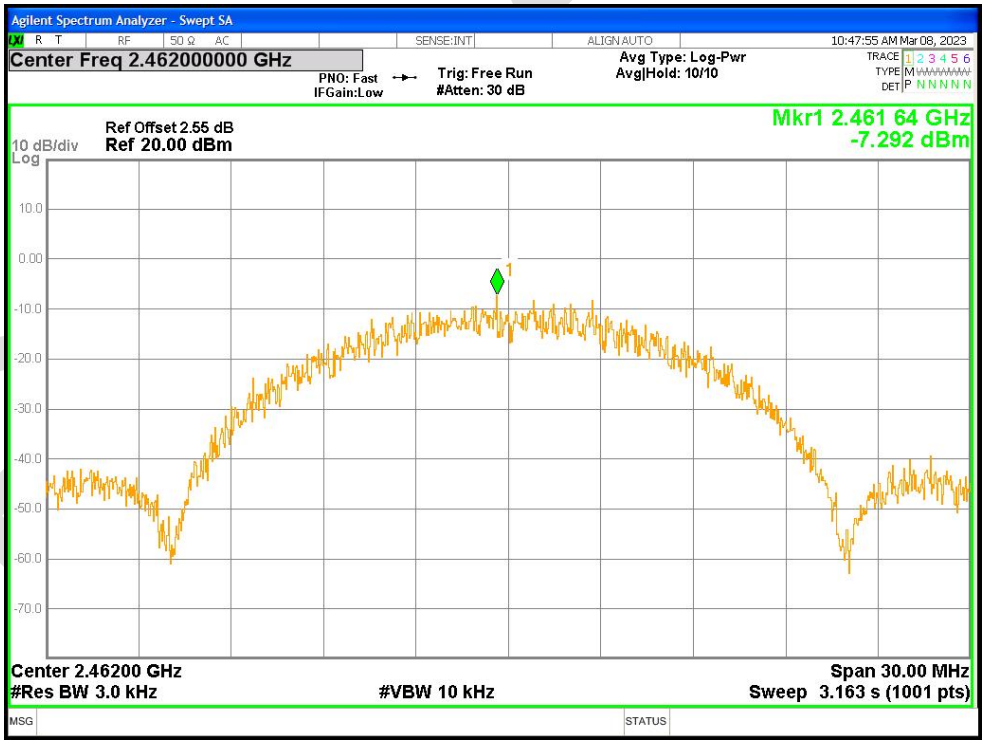
PSD NVNT b 2412MHz Ant1



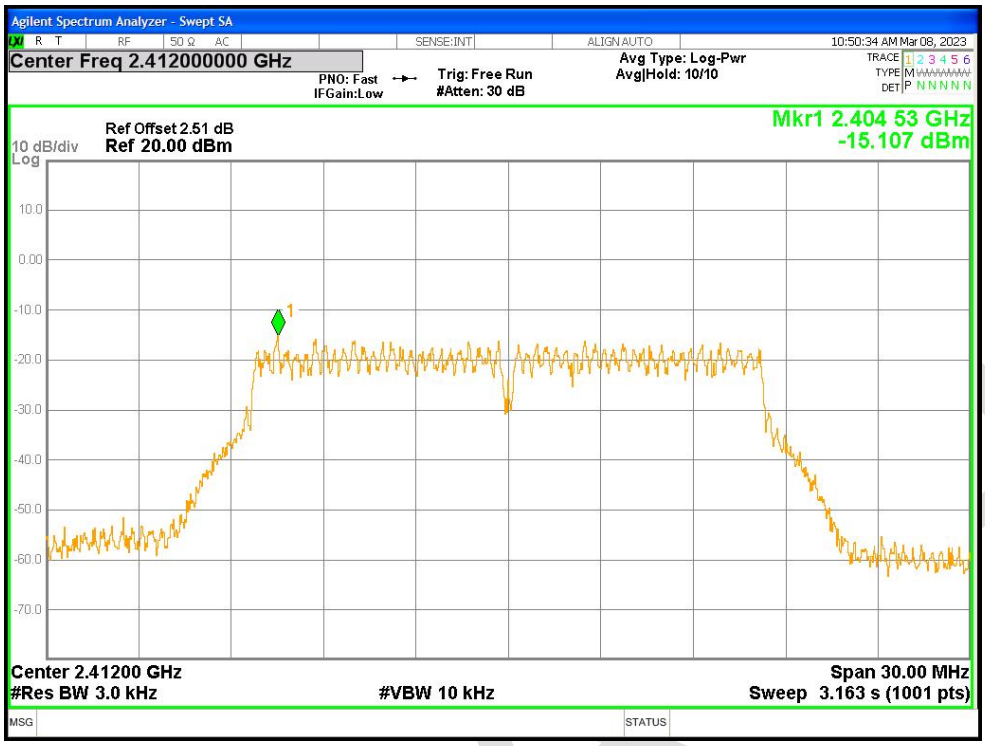
PSD NVNT b 2437MHz Ant1



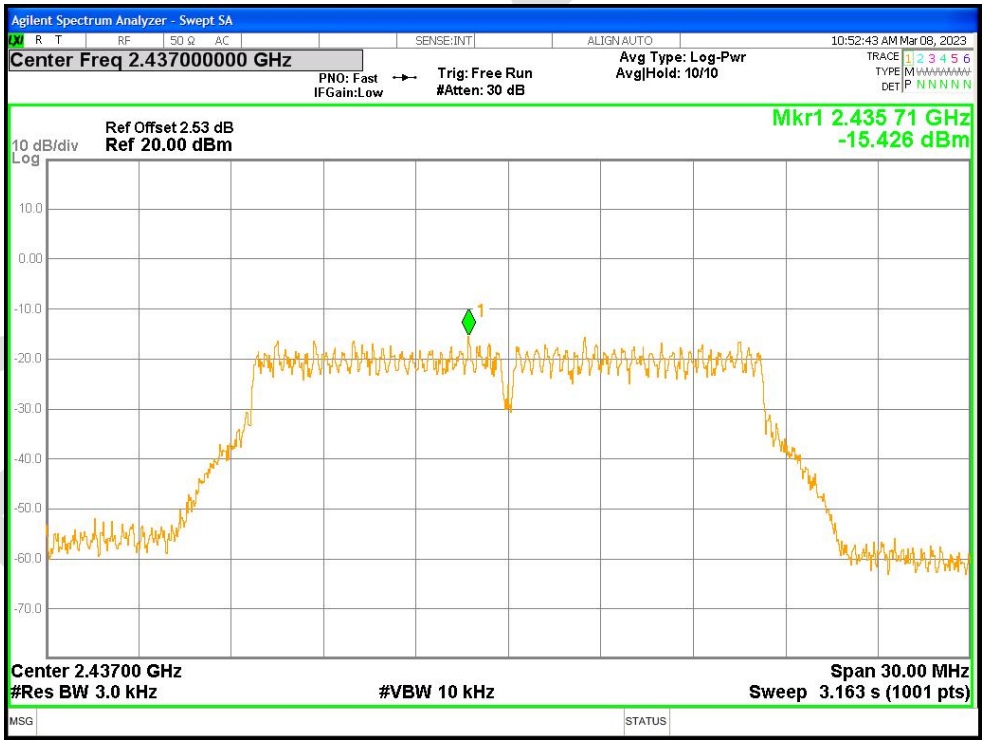
PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1