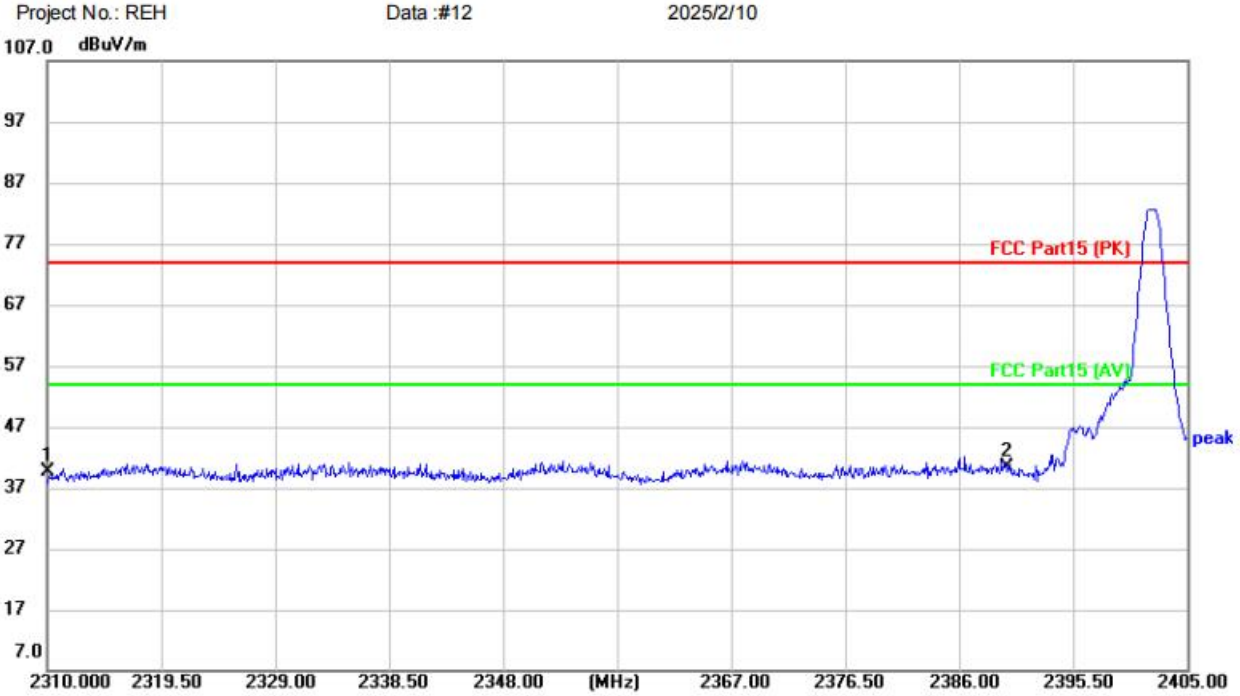
[Test mode:TX low channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: KUMI Smart Watch
M/N: KUMI M2
Mode: BLE-2402
Note:

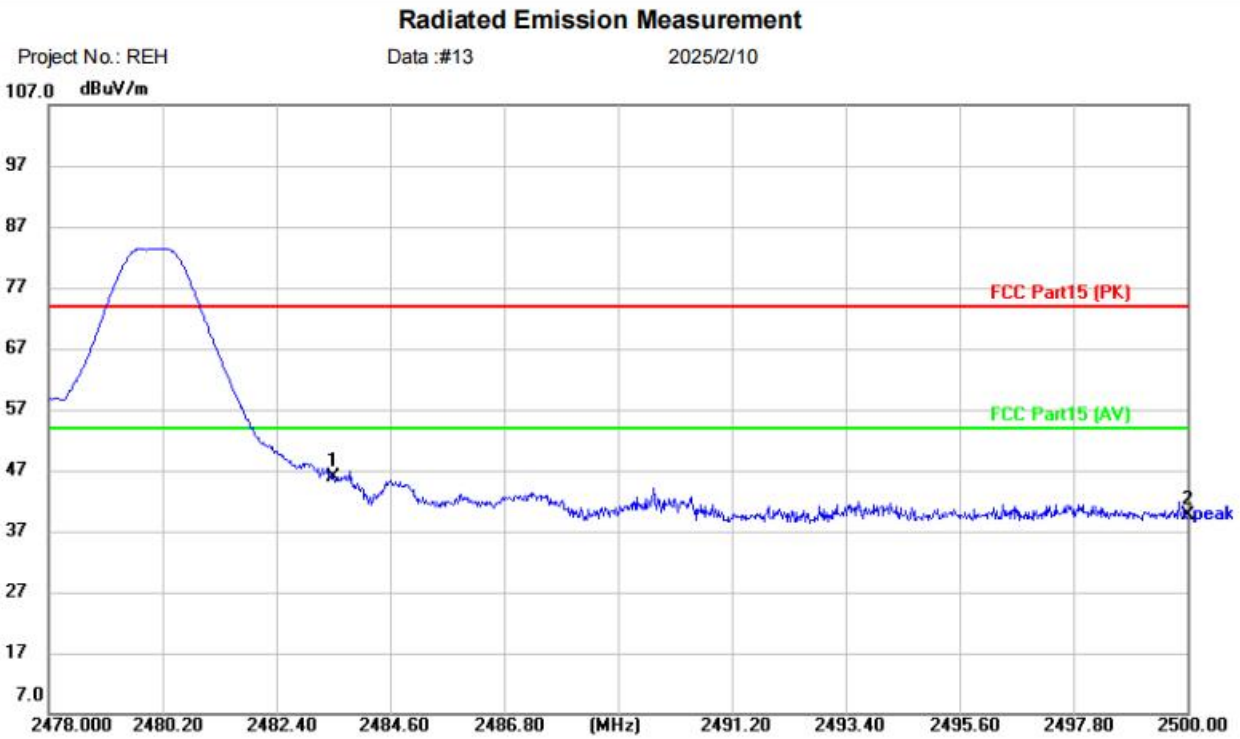
Polarization: *Vertical*
Power:

Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	42.62	-2.87	39.75	74.00	-34.25	peak	
2	*	2390.000	42.91	-2.44	40.47	74.00	-33.53	peak	

Test Result: Pass

[Test mode: TX High channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: KUMI Smart Watch
M/N: KUMI M2
Mode: BLE-2480
Note:

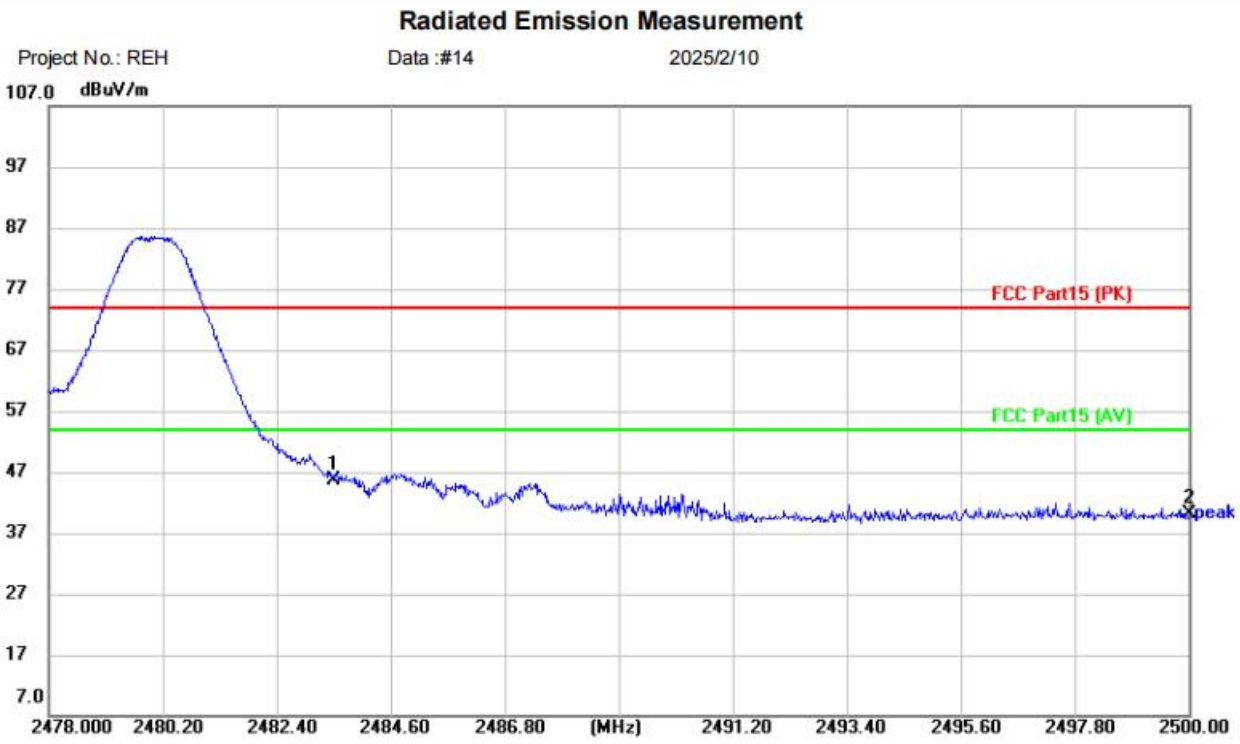
Polarization: *Horizontal*
Power:

Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2483.500	48.79	-2.91	45.88	74.00	-28.12	peak	
2		2500.000	42.52	-3.00	39.52	74.00	-34.48	peak	

Test Result: Pass

[Test mode:TX High channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: KUMI Smart Watch
M/N: KUMI M2
Mode: BLE-2480
Note:

Polarization: *Vertical*
Power:

Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2483.500	48.50	-2.91	45.59	74.00	-28.41	peak	
2		2500.000	43.16	-3.00	40.16	74.00	-33.84	peak	

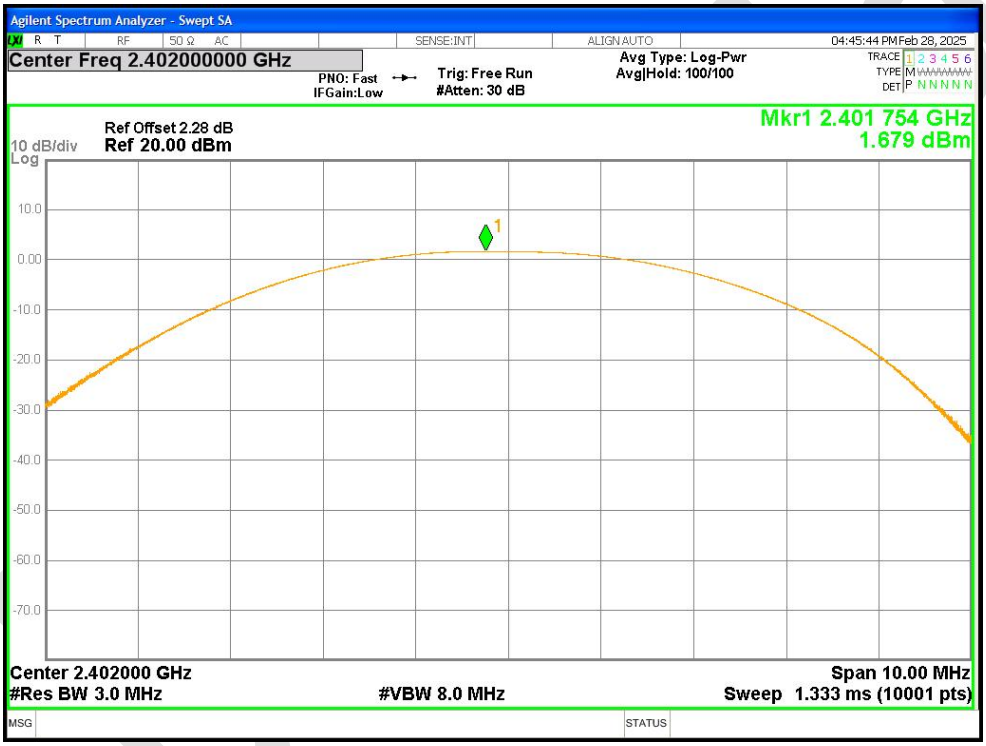
Test Result: Pass

7 Appendix A

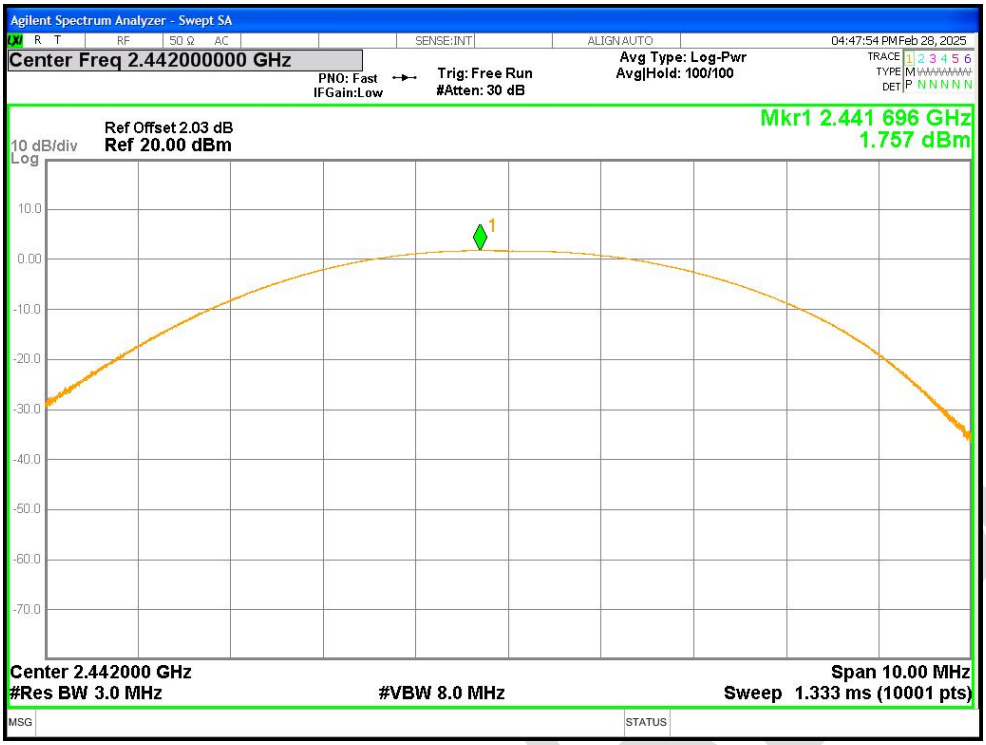
7.1 Maximum PK Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.679	30	Pass
NVNT	BLE 1M	2442	Ant1	1.757	30	Pass
NVNT	BLE 1M	2480	Ant1	2.652	30	Pass

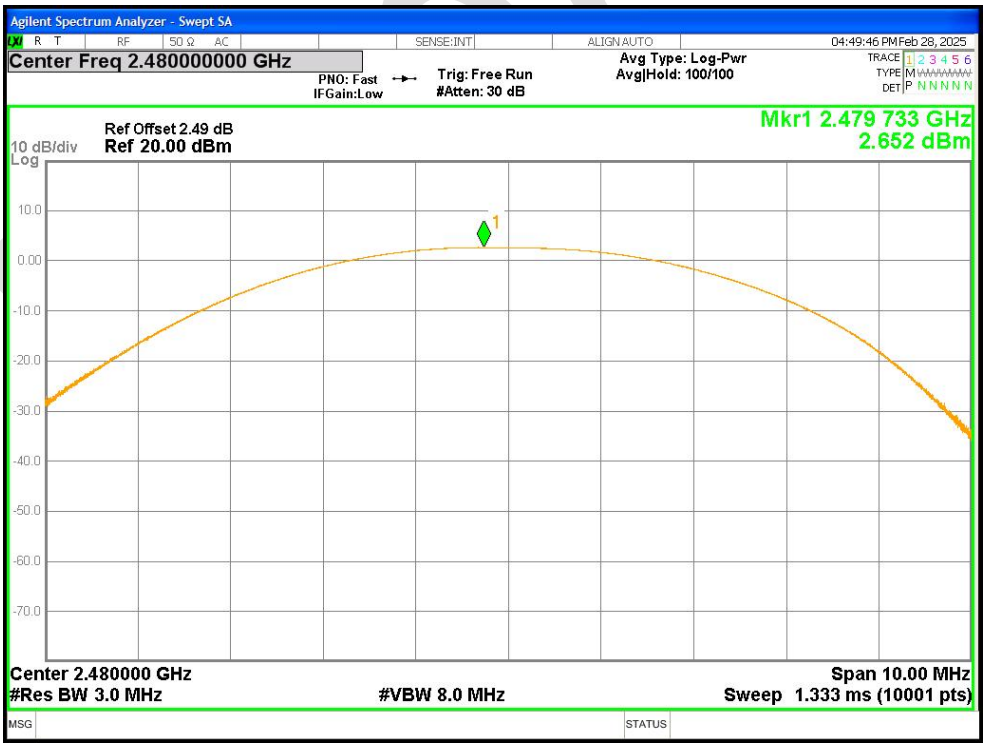
Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2442MHz Ant1



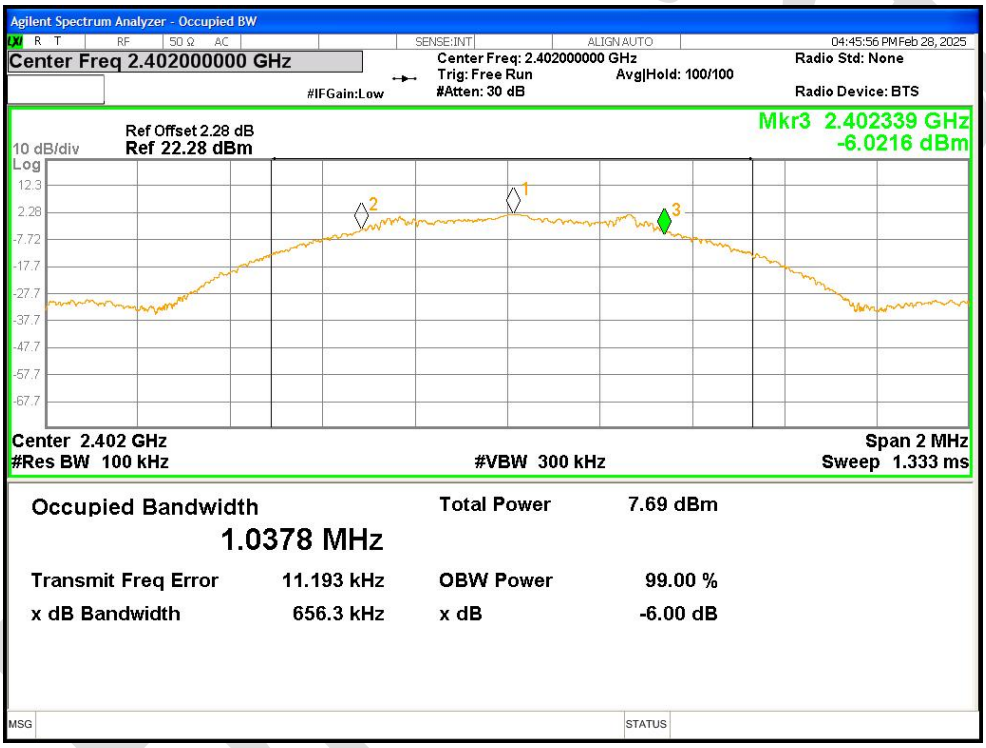
Power NVNT BLE 1M 2480MHz Ant1



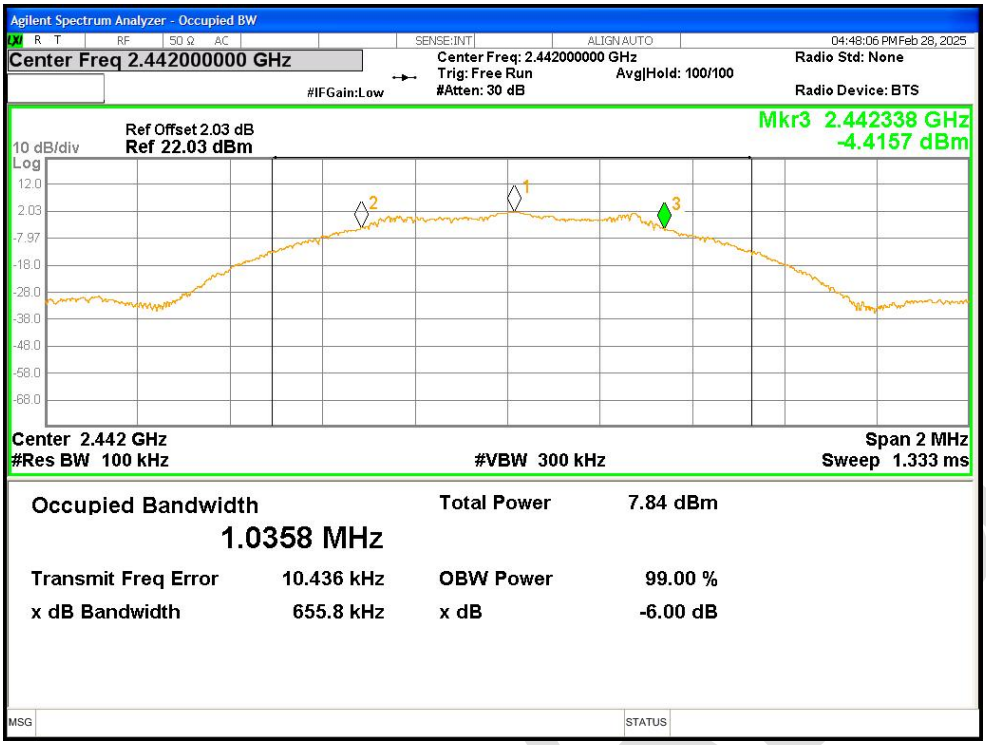
7.2 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.656	0.5	Pass
NVNT	BLE 1M	2442	Ant1	0.656	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.642	0.5	Pass

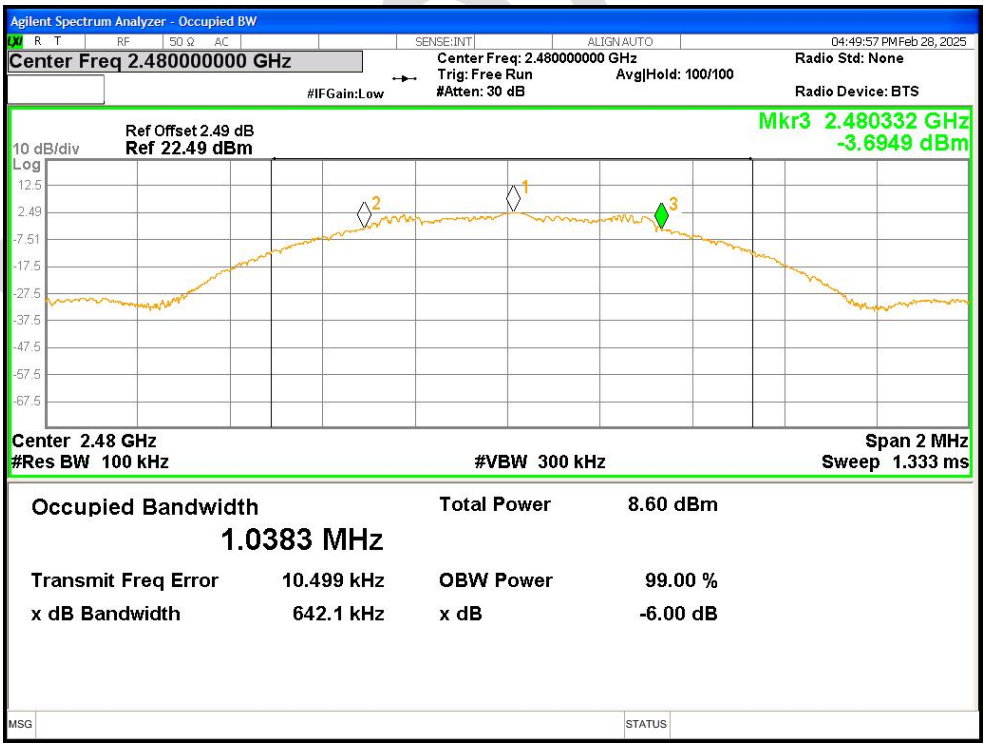
-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2442MHz Ant1



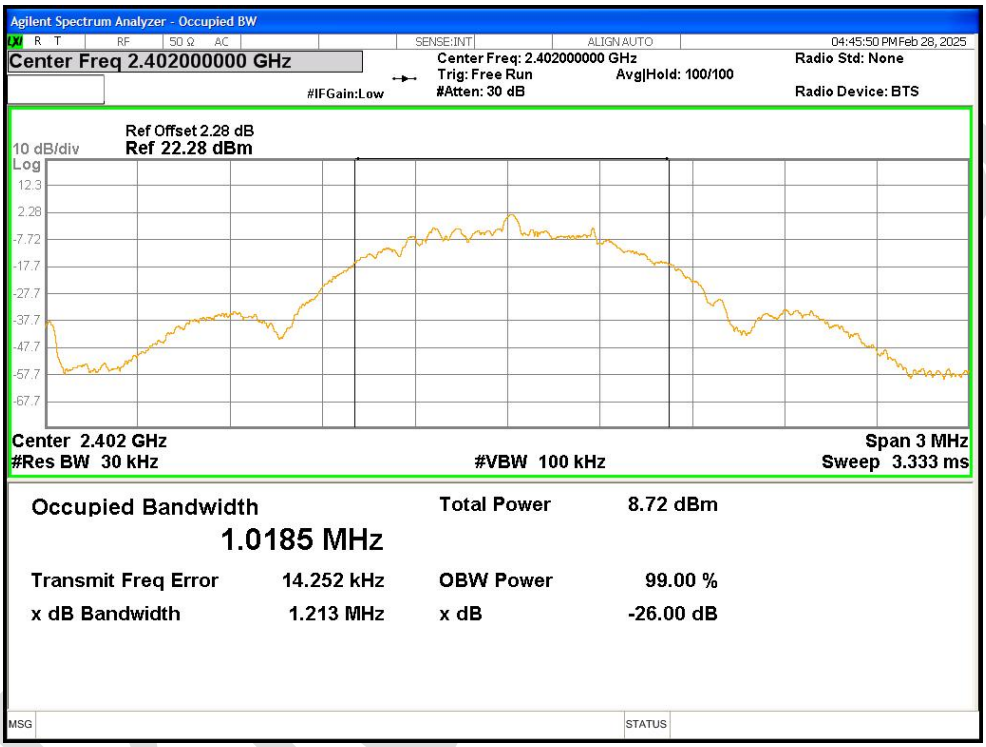
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



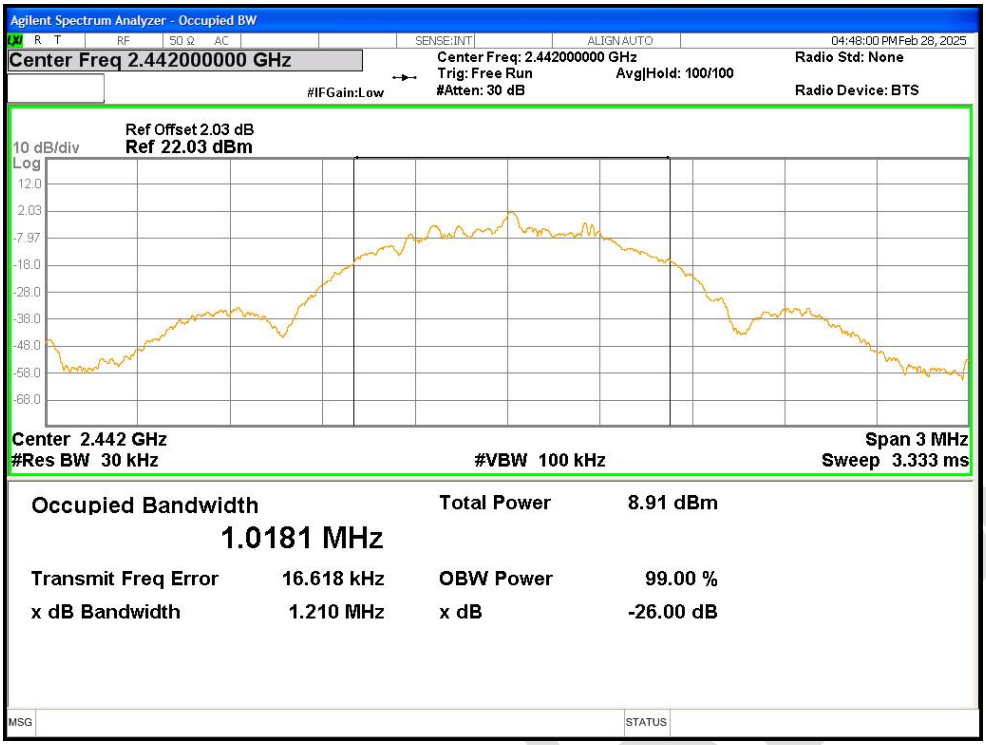
7.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0185
NVNT	BLE 1M	2442	Ant1	1.0181
NVNT	BLE 1M	2480	Ant1	1.0214

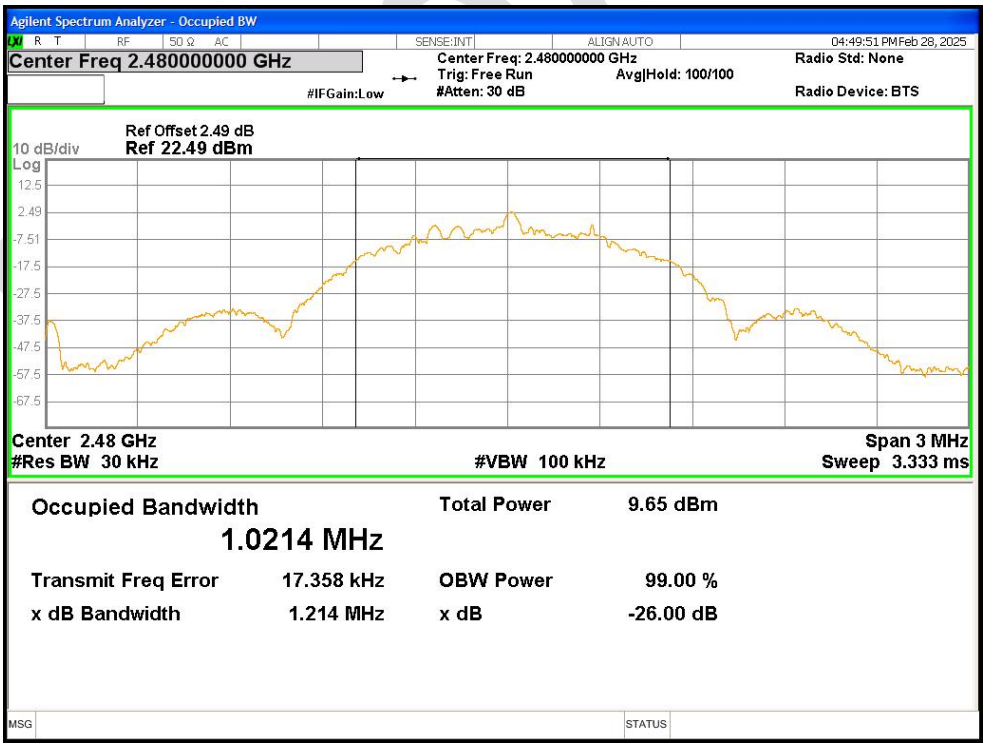
OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2442MHz Ant1



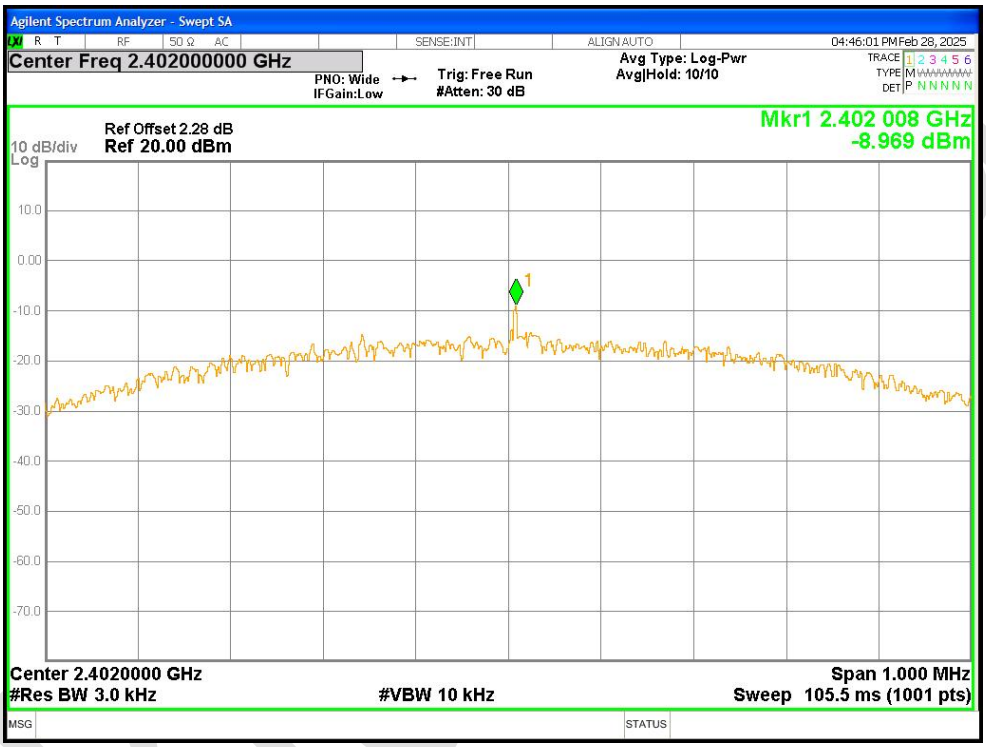
OBW NVNT BLE 1M 2480MHz Ant1



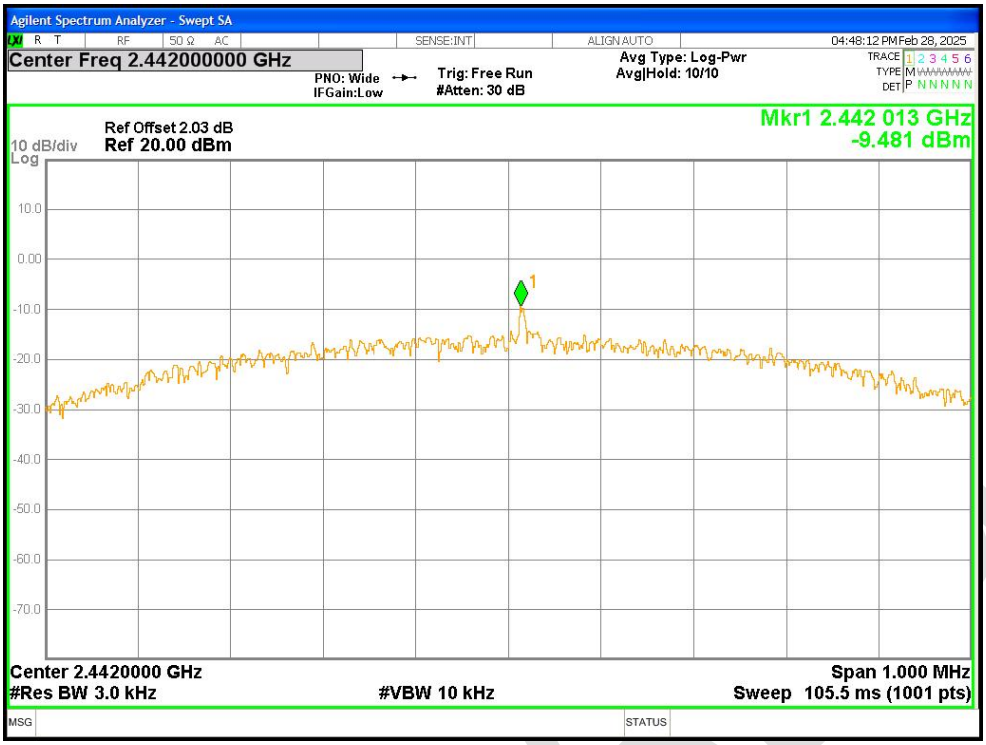
7.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-8.969	8	Pass
NVNT	BLE 1M	2442	Ant1	-9.481	8	Pass
NVNT	BLE 1M	2480	Ant1	-7.801	8	Pass

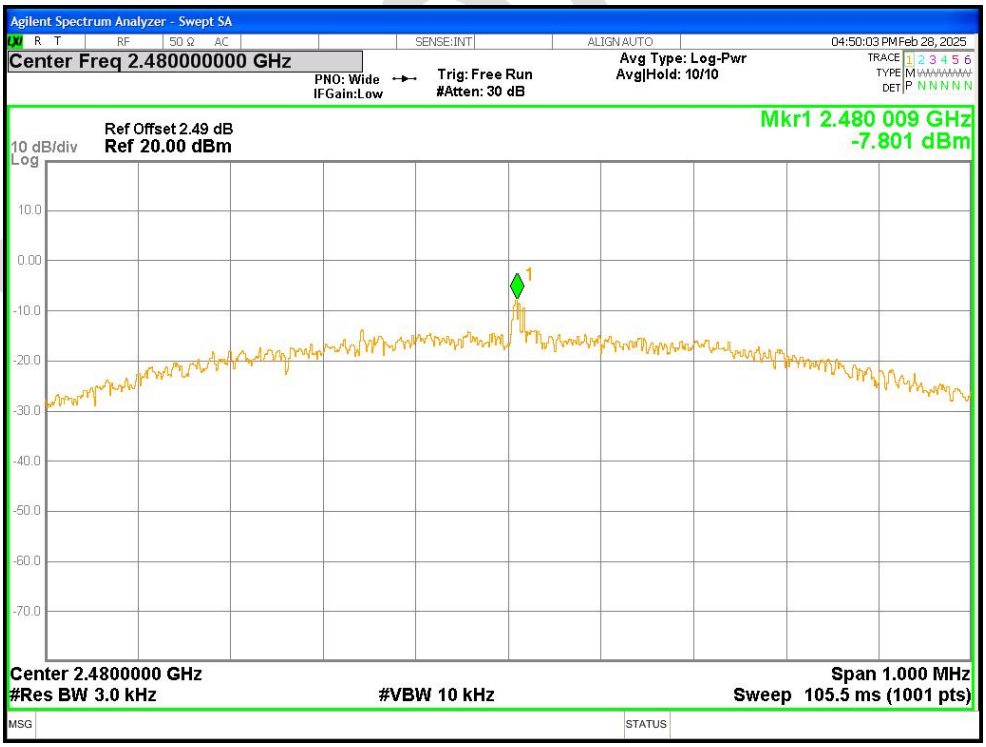
PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2442MHz Ant1



PSD NVNT BLE 1M 2480MHz Ant1

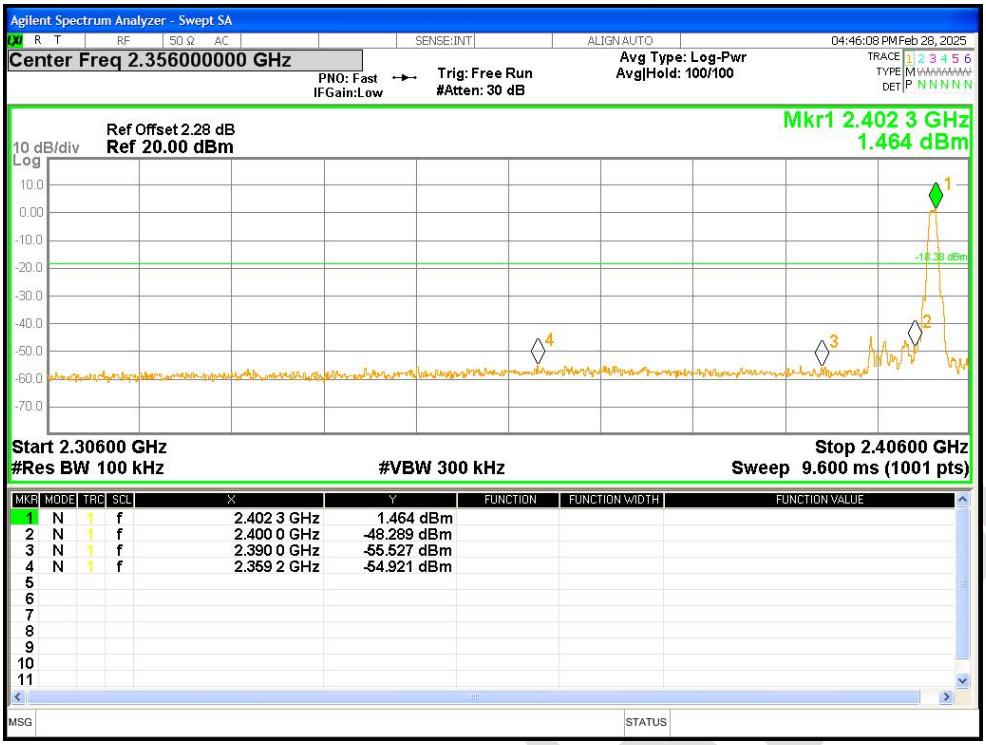


7.5 Band Edge

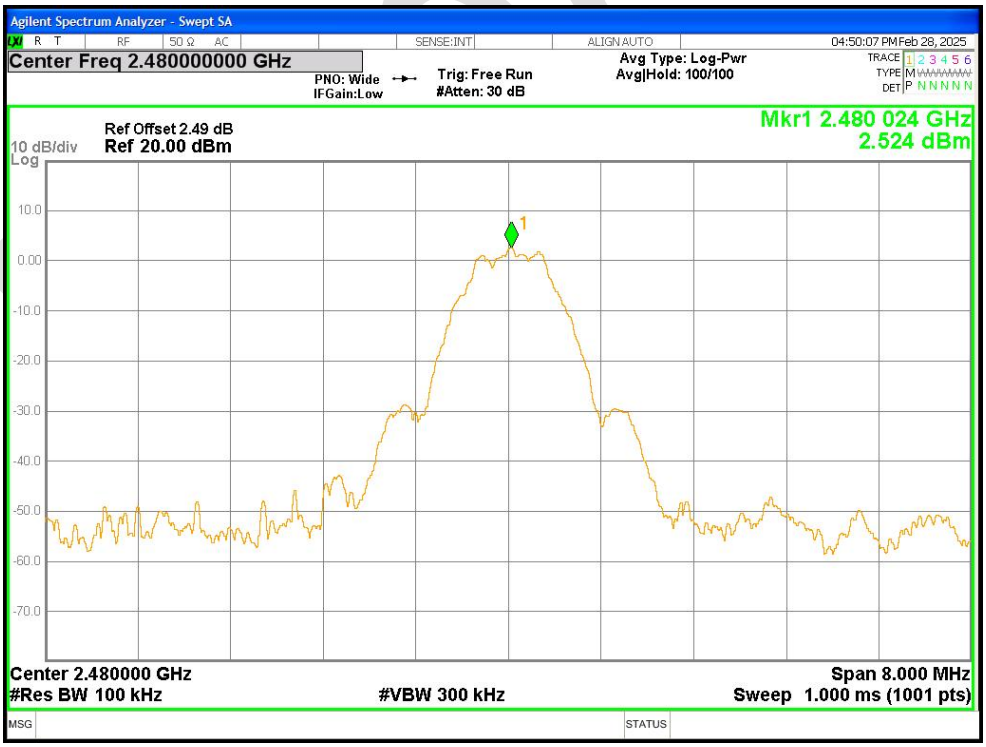
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-56.54	-20	Pass
NVNT	BLE 1M	2480	Ant1	-53.49	-20	Pass

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref

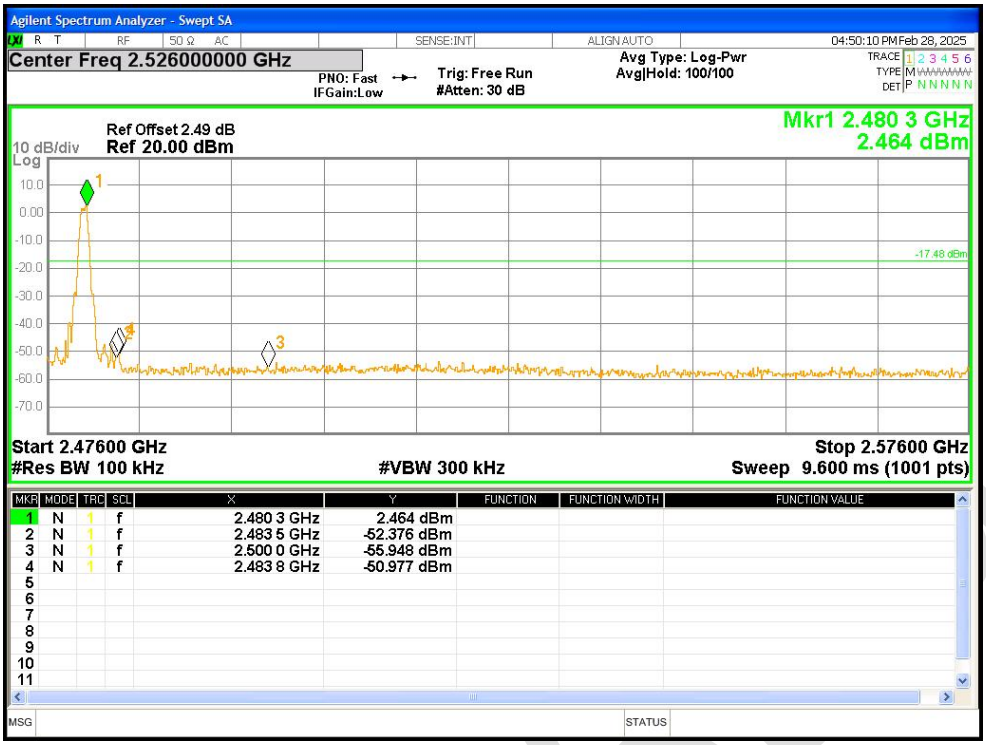
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



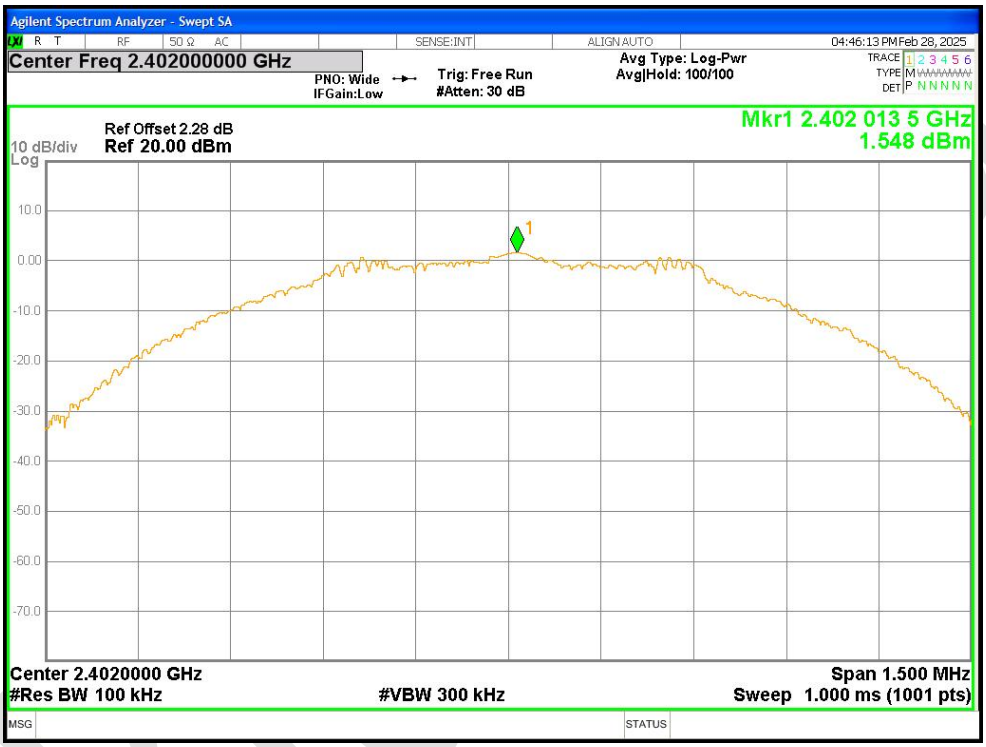
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
04:50:10 PM Feb 28, 2025
Ref Offset 2.49 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 3 GHz
2.464 dBm
-17.48 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.57600 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.480 3 GHz 2.464 dBm
2 N 1 f 2.483 5 GHz -52.376 dBm
3 N 1 f 2.500 0 GHz -55.948 dBm
4 N 1 f 2.483 8 GHz -50.977 dBm

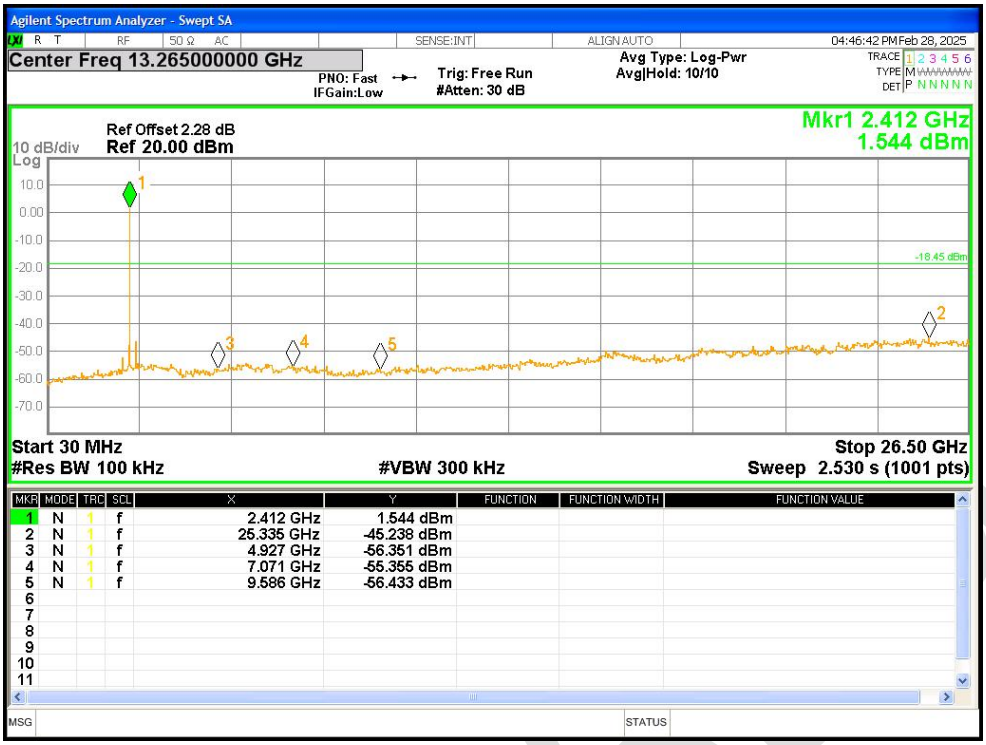
7.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.78	-20	Pass
NVNT	BLE 1M	2442	Ant1	-46.2	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.29	-20	Pass

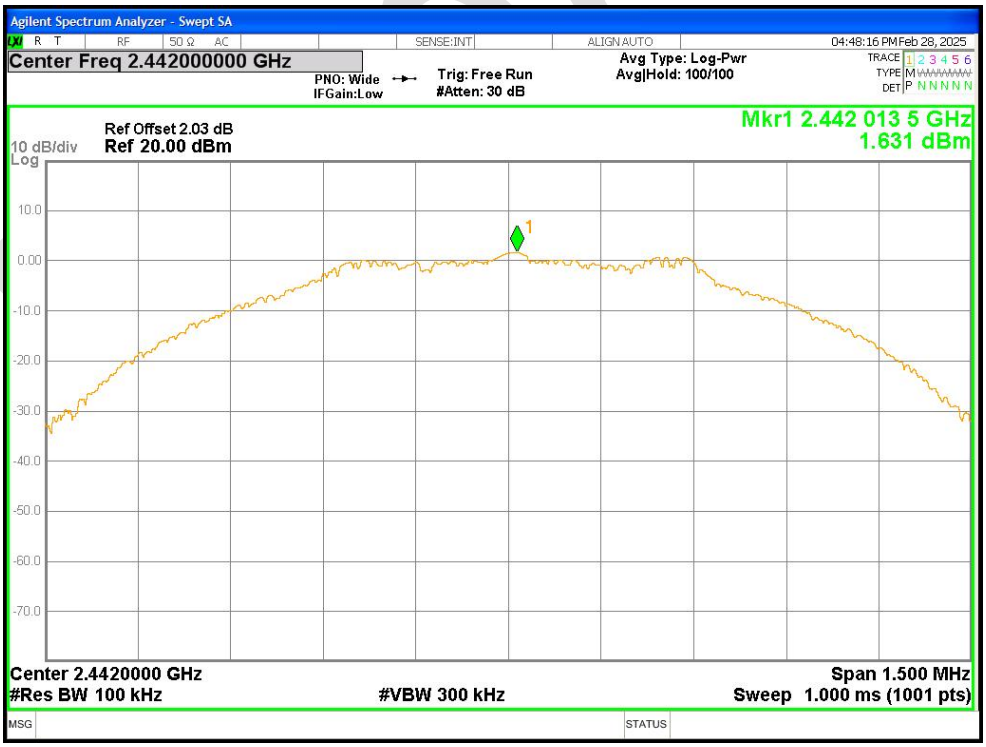
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



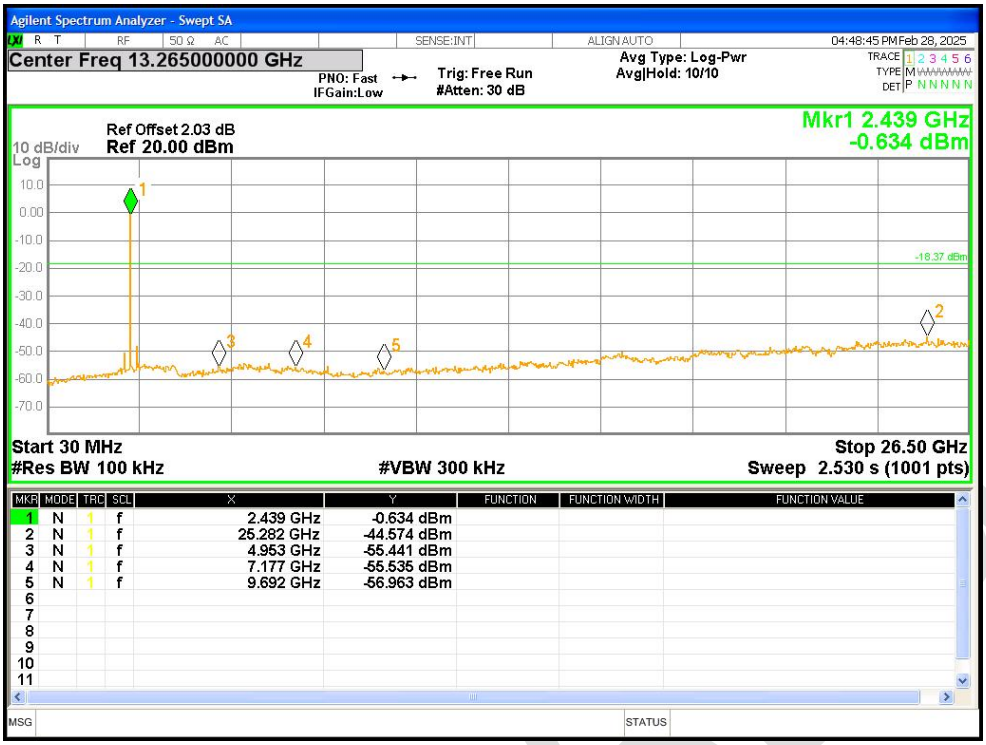
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



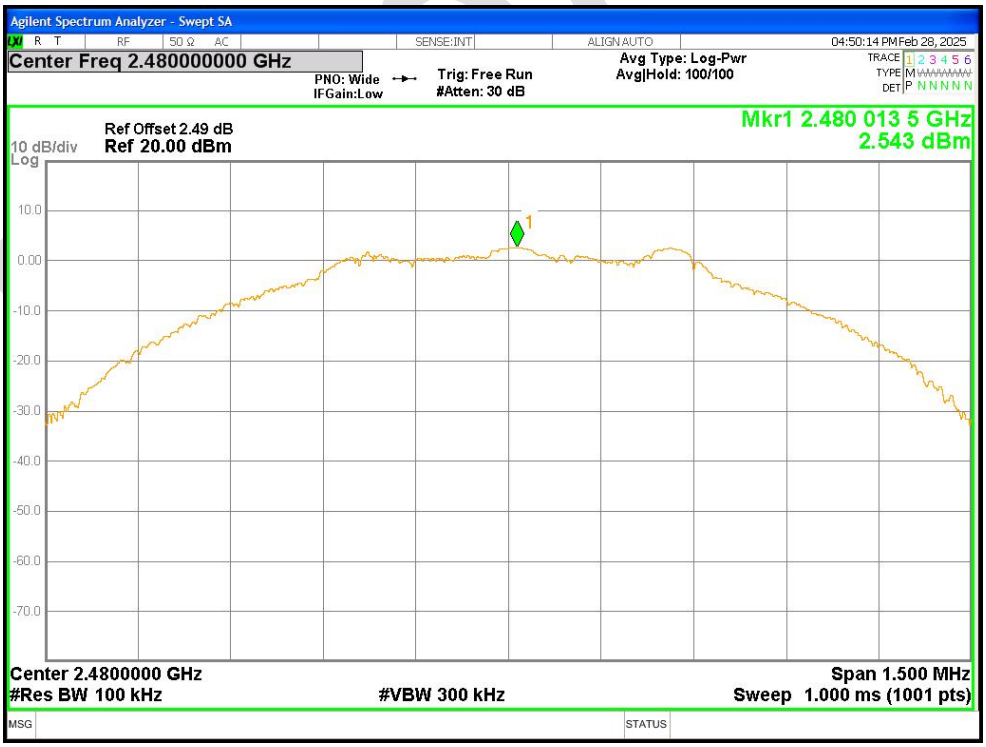
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



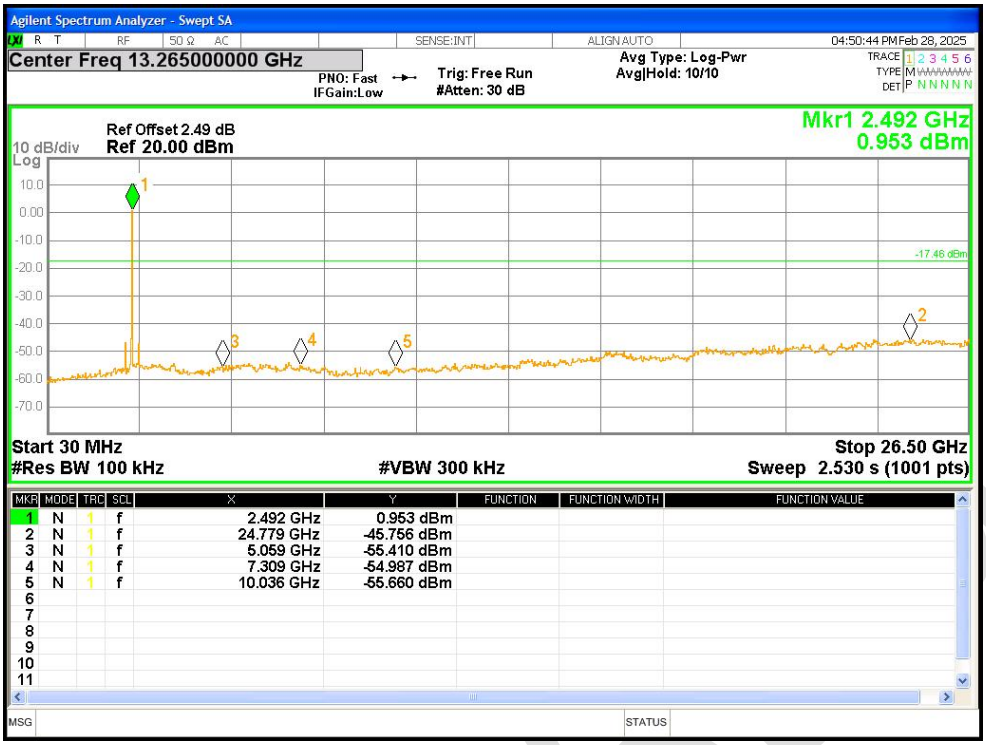
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



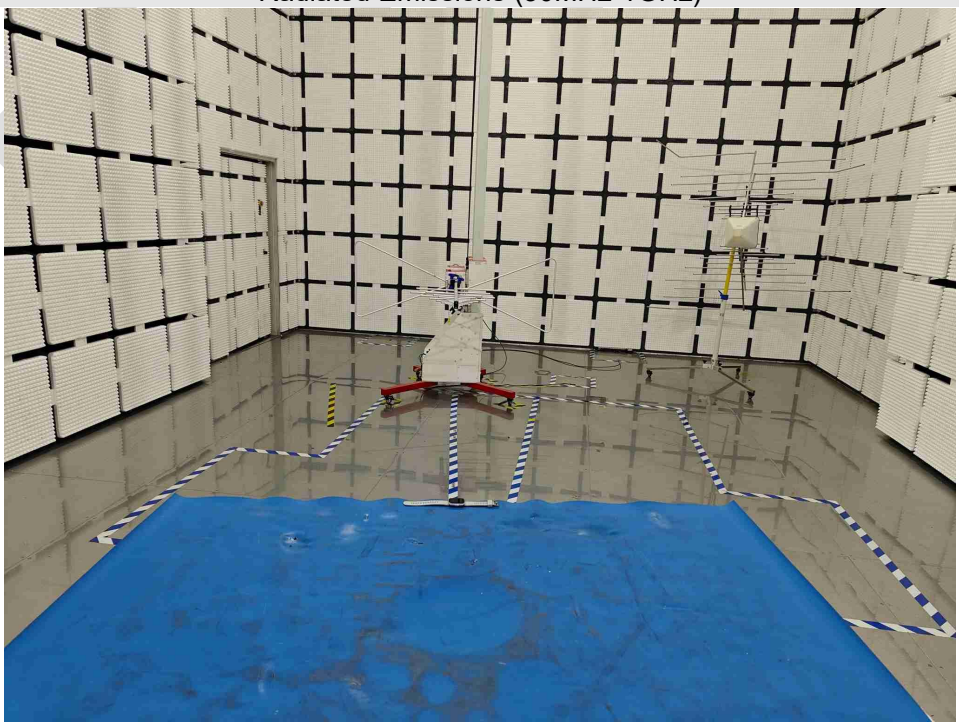
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission


Agilent Spectrum Analyzer - Swept SA
Center Freq 13.265000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
04:50:44 PM Feb 28, 2025
Ref Offset 2.49 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.492 GHz
0.953 dBm
-17.46 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 2.492 GHz 0.953 dBm
2 N 1 f 24.779 GHz -45.756 dBm
3 N 1 f 5.059 GHz -55.410 dBm
4 N 1 f 7.309 GHz -54.987 dBm
5 N 1 f 10.036 GHz -55.660 dBm

Appendix B: photographs of test setup

Conducted emissions at AC power line (150kHz-30MHz)

Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)