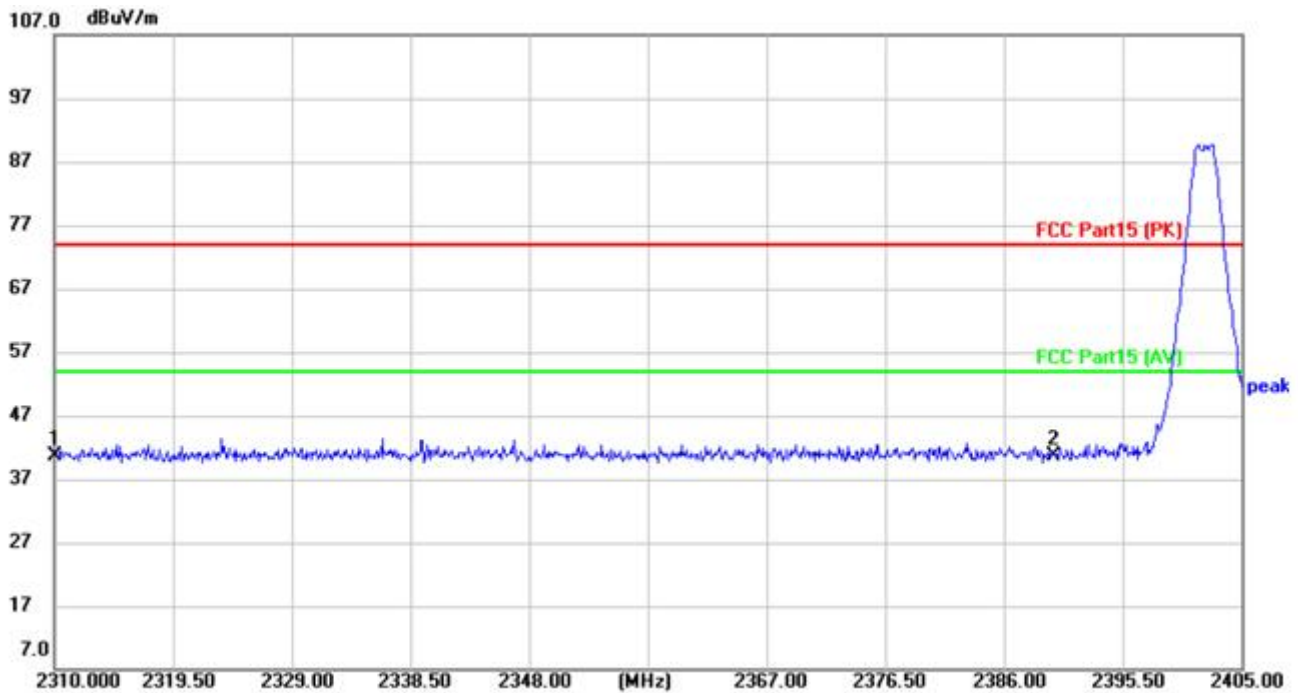


6.9.4 Test data

Remark: During the test, pre-scan the BLE1M/BLE2M mode, and found the BLE2M mode which it is worse case.

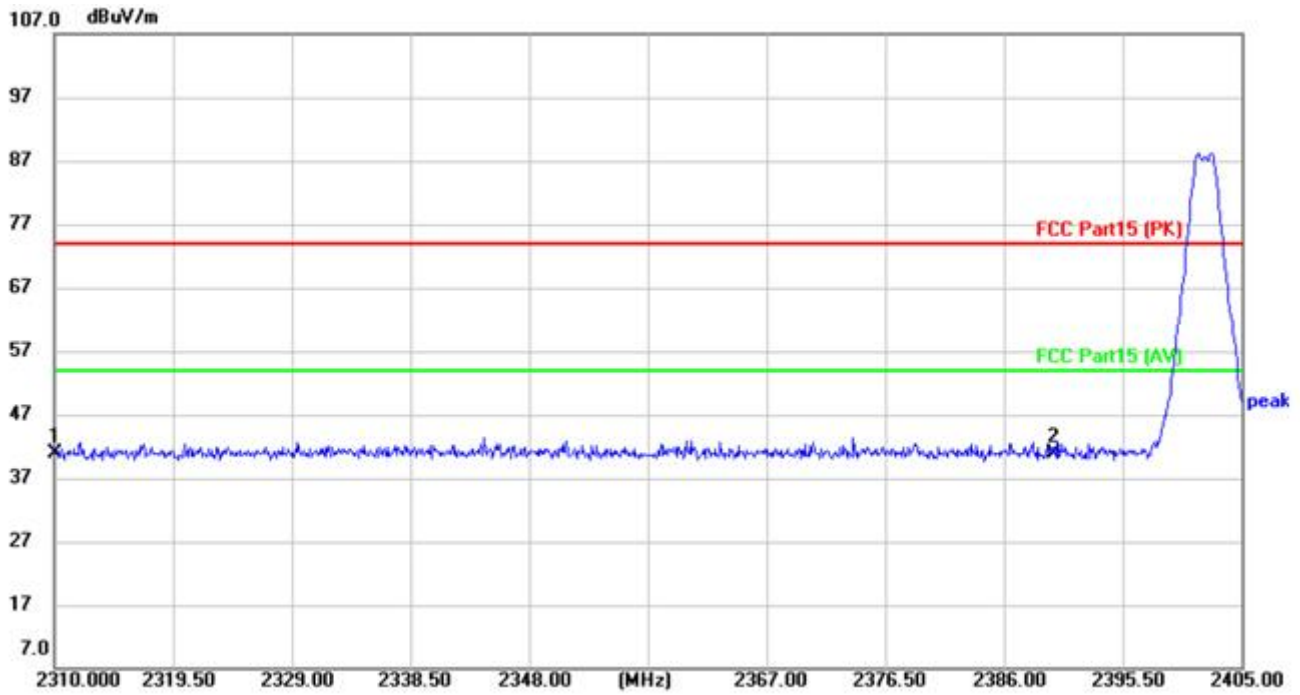
[Test mode: TX low channel]; [Polarity: Horizontal]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	2310.000	50.21	-9.51	40.70	74.00	-33.30	peak
2		2390.000	49.72	-9.19	40.53	74.00	-33.47	peak

Test Result: Pass

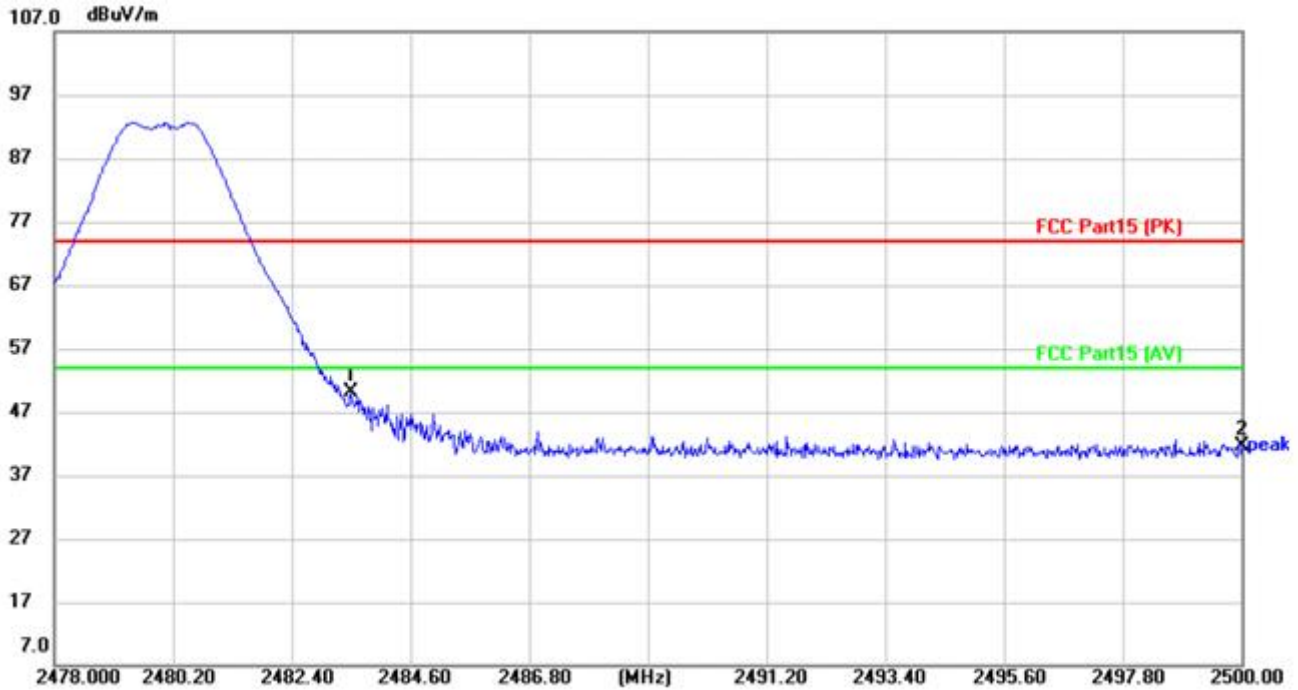
[Test mode:TX low channel]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		2310.000	50.39	-9.51	40.88	74.00	-33.12	peak
2	*	2390.000	50.11	-9.19	40.92	74.00	-33.08	peak

Test Result: Pass

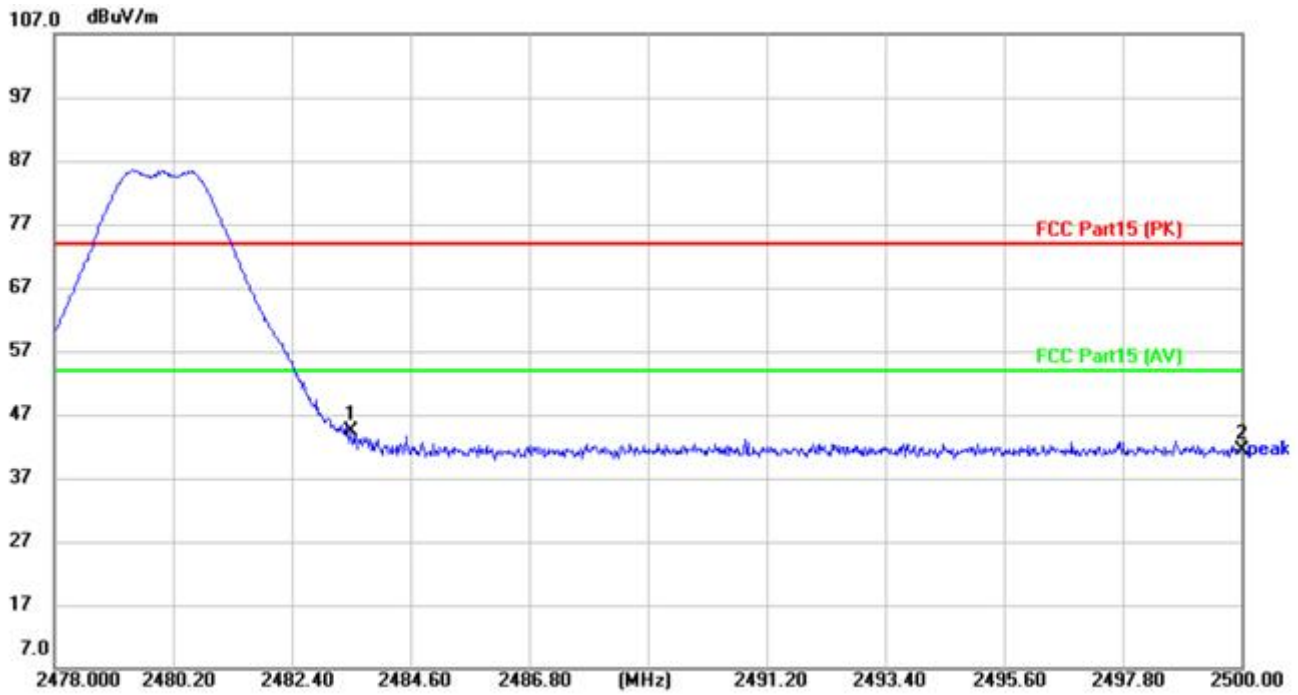
[Test mode: TX High channel]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	59.37	-9.14	50.23	74.00	-23.77	peak
2		2500.000	50.72	-9.11	41.61	74.00	-32.39	peak

Test Result: Pass

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	2483.500	53.53	-9.14	44.39	74.00	-29.61	peak
2		2500.000	50.49	-9.11	41.38	74.00	-32.62	peak

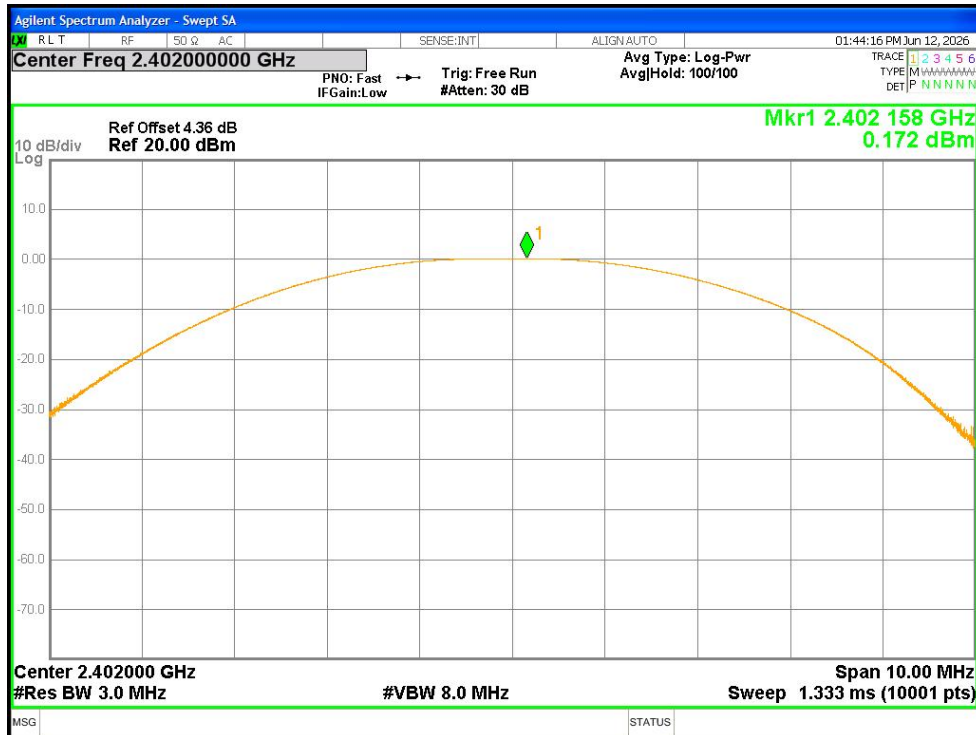
Test Result: Pass

7 Appendix A

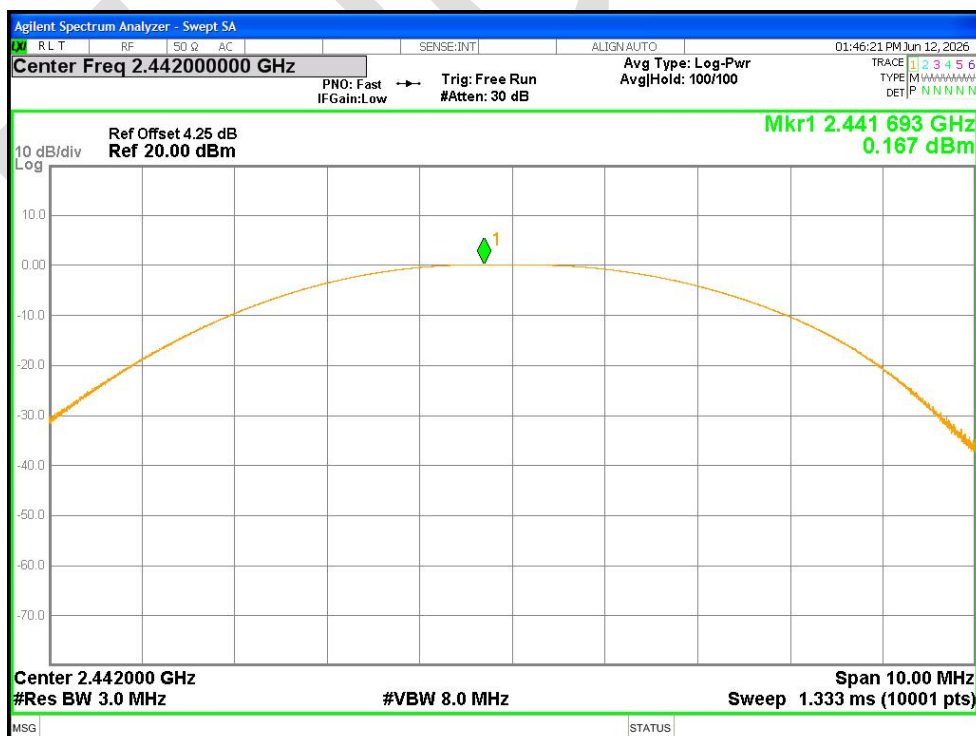
7.1 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.172	30	Pass
NVNT	BLE 1M	2442	Ant1	0.167	30	Pass
NVNT	BLE 1M	2480	Ant1	0.222	30	Pass
NVNT	BLE 2M	2402	Ant1	0.159	30	Pass
NVNT	BLE 2M	2442	Ant1	0.222	30	Pass
NVNT	BLE 2M	2480	Ant1	0.272	30	Pass

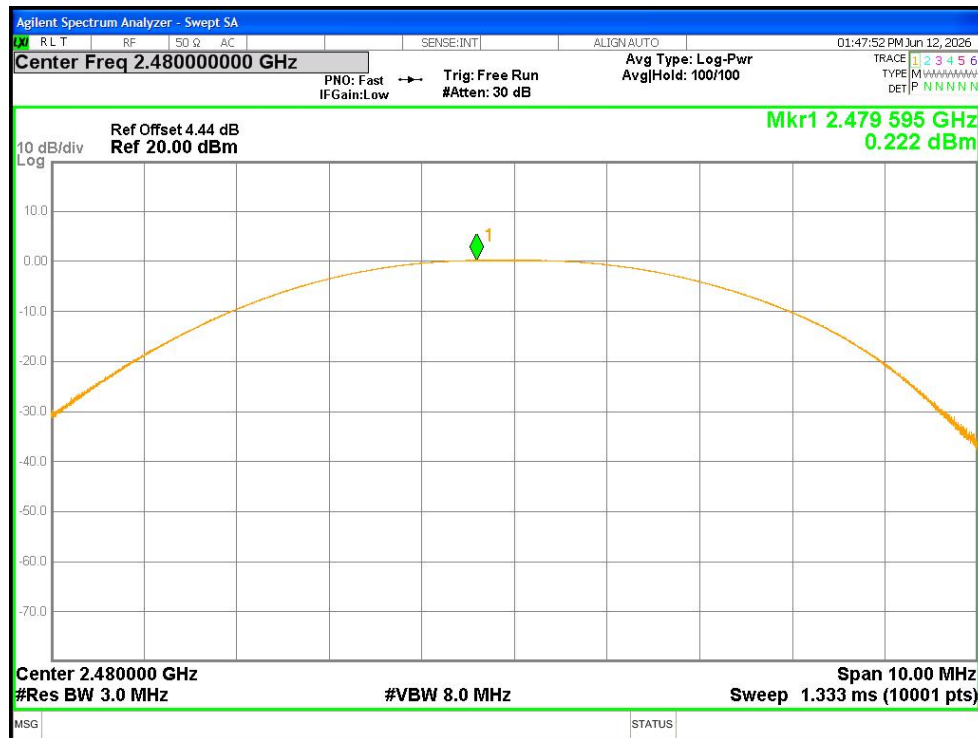
Power NVNT BLE 1M 2402MHz Ant1



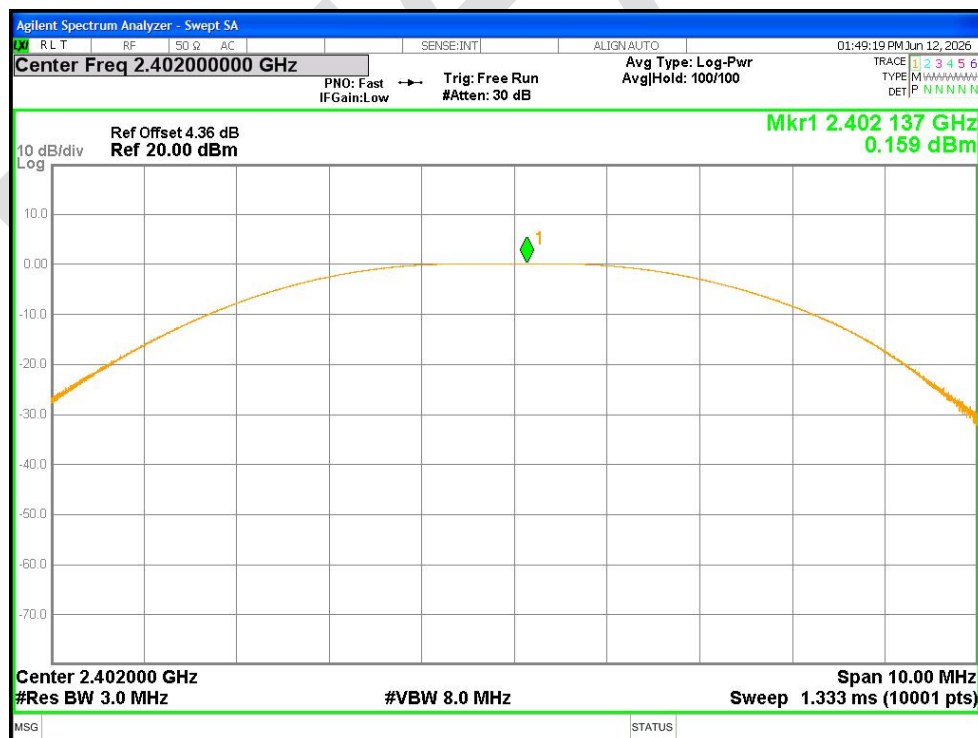
Power NVNT BLE 1M 2442MHz Ant1



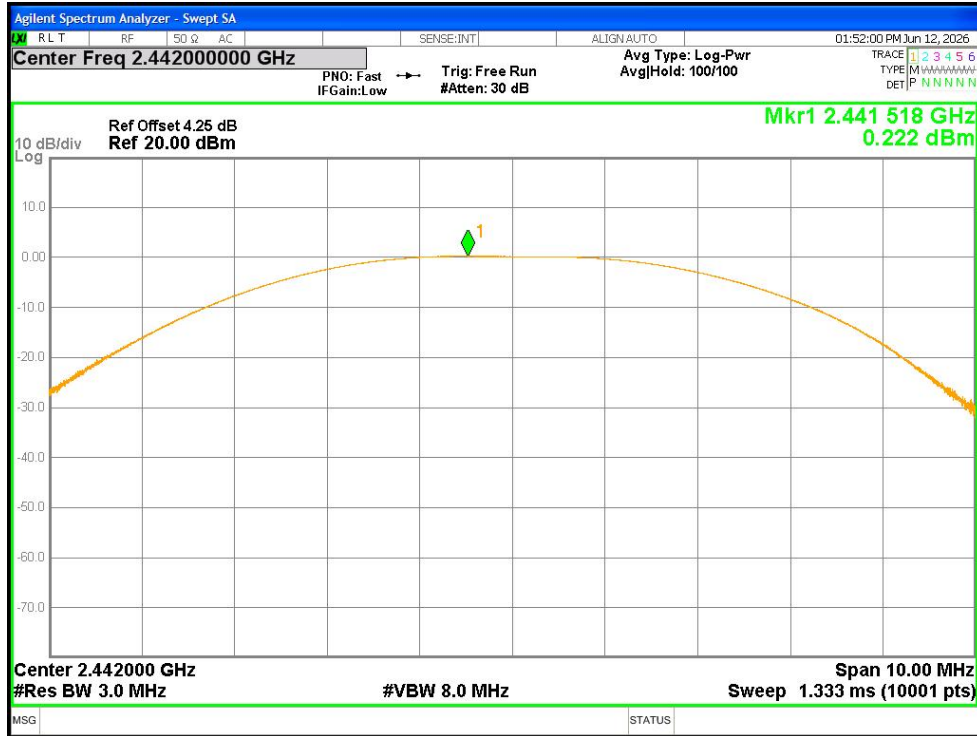
Power NVNT BLE 1M 2480MHz Ant1



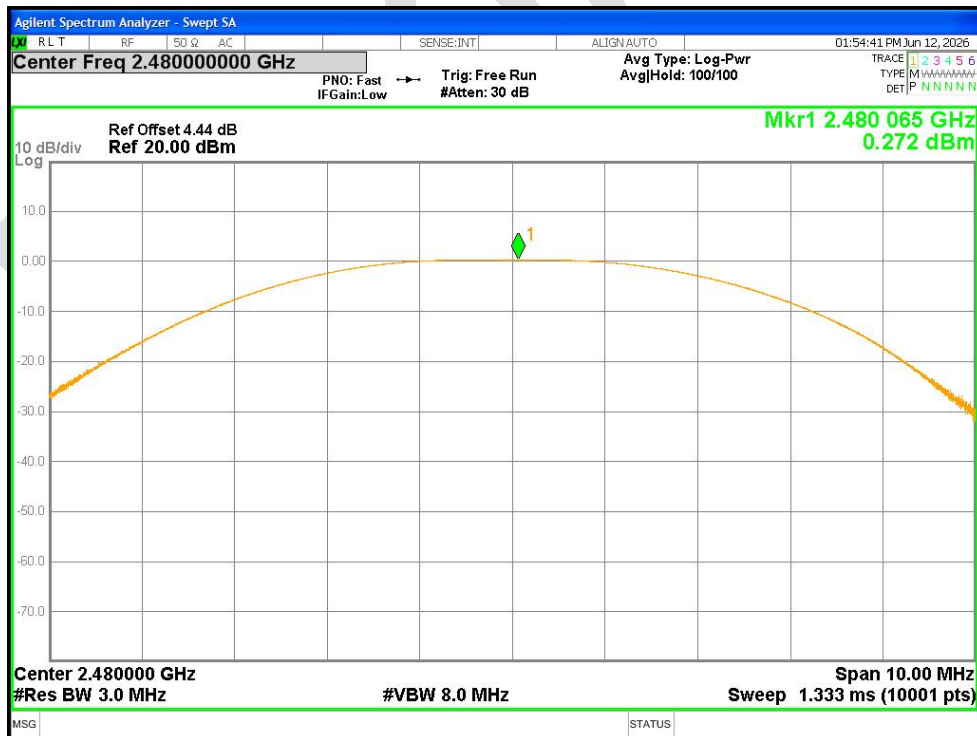
Power NVNT BLE 2M 2402MHz Ant1



Power NVNT BLE 2M 2442MHz Ant1



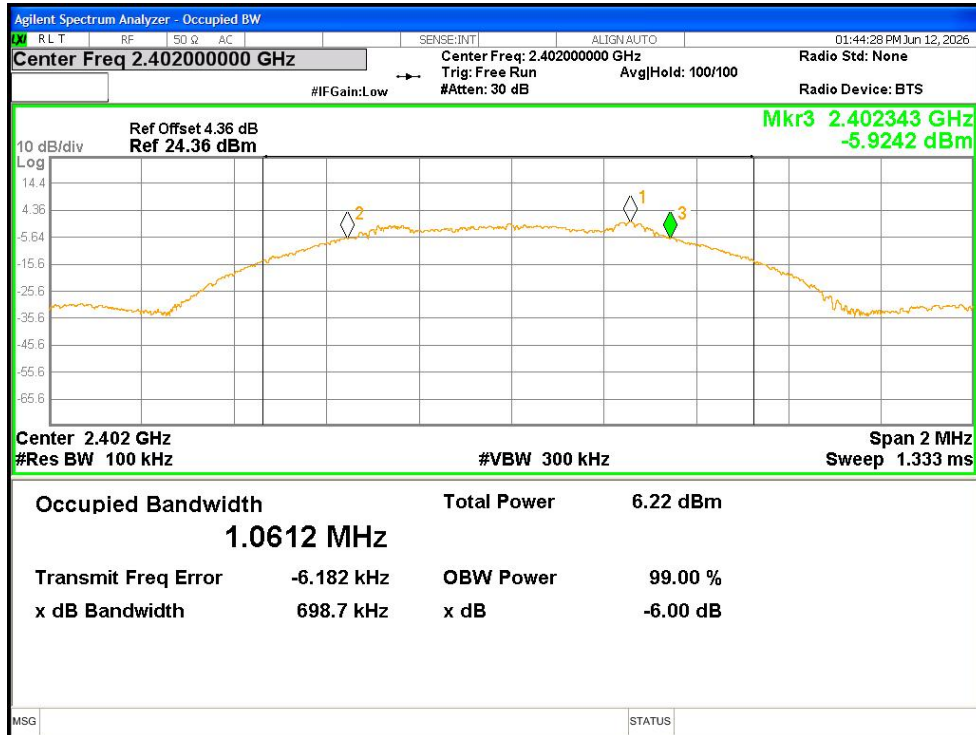
Power NVNT BLE 2M 2480MHz Ant1



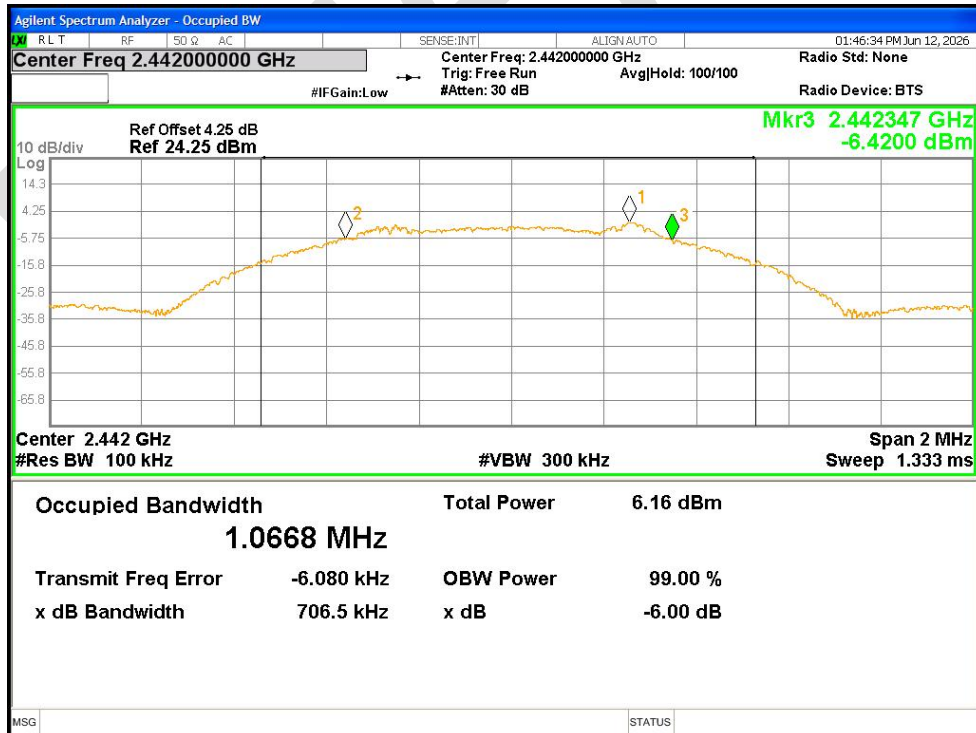
7.2 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.699	0.5	Pass
NVNT	BLE 1M	2442	Ant1	0.707	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.693	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.331	0.5	Pass
NVNT	BLE 2M	2442	Ant1	1.202	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.242	0.5	Pass

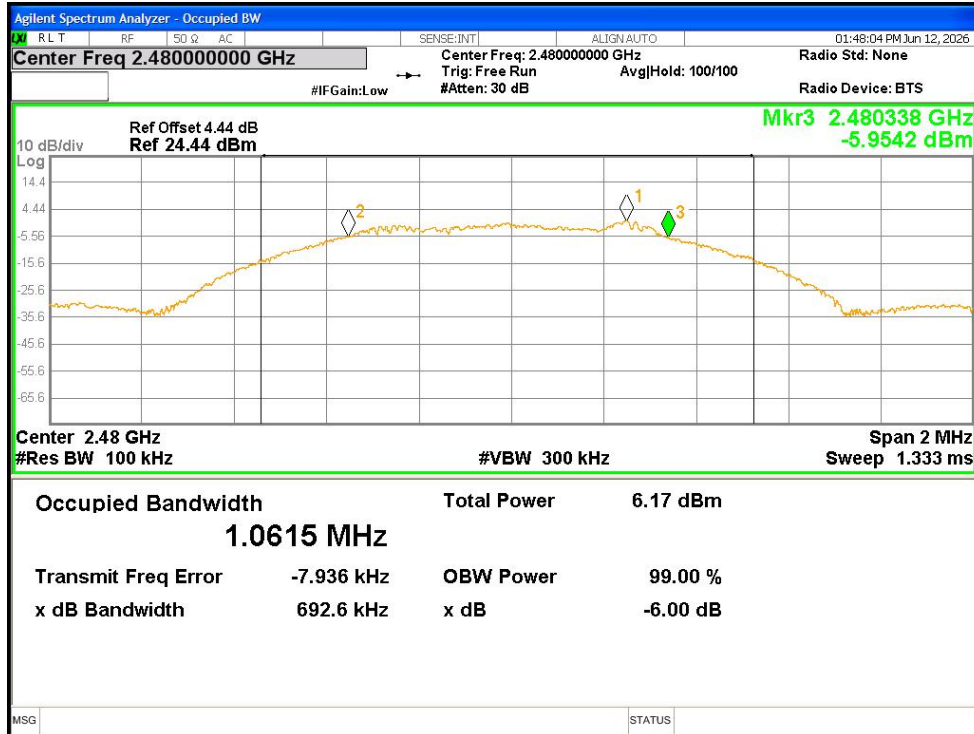
-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



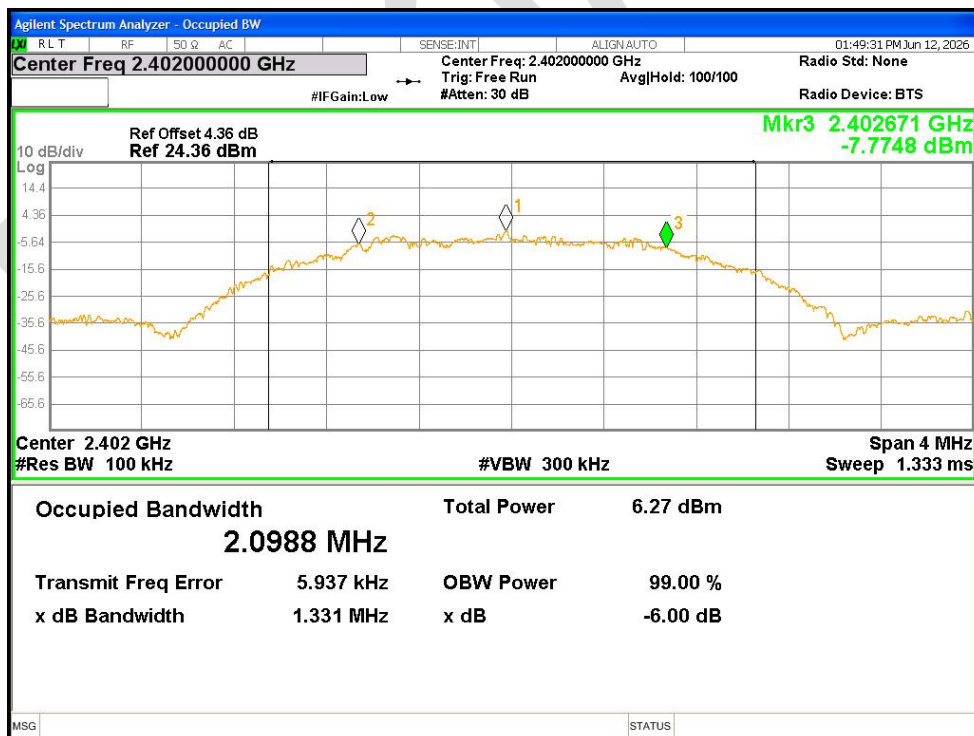
-6dB Bandwidth NVNT BLE 1M 2442MHz Ant1



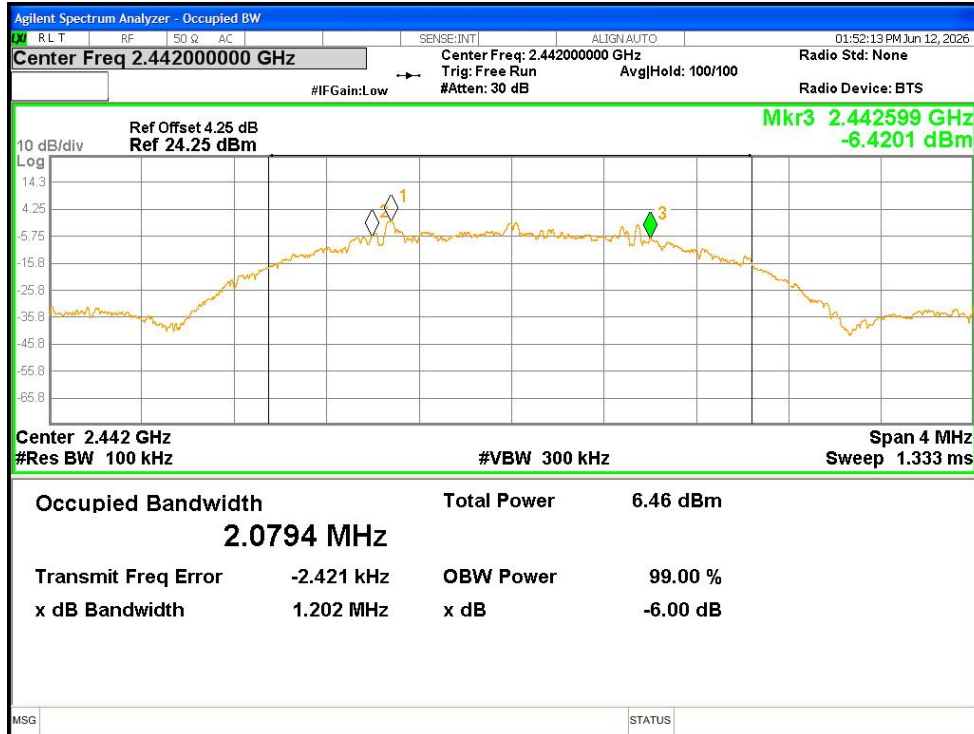
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



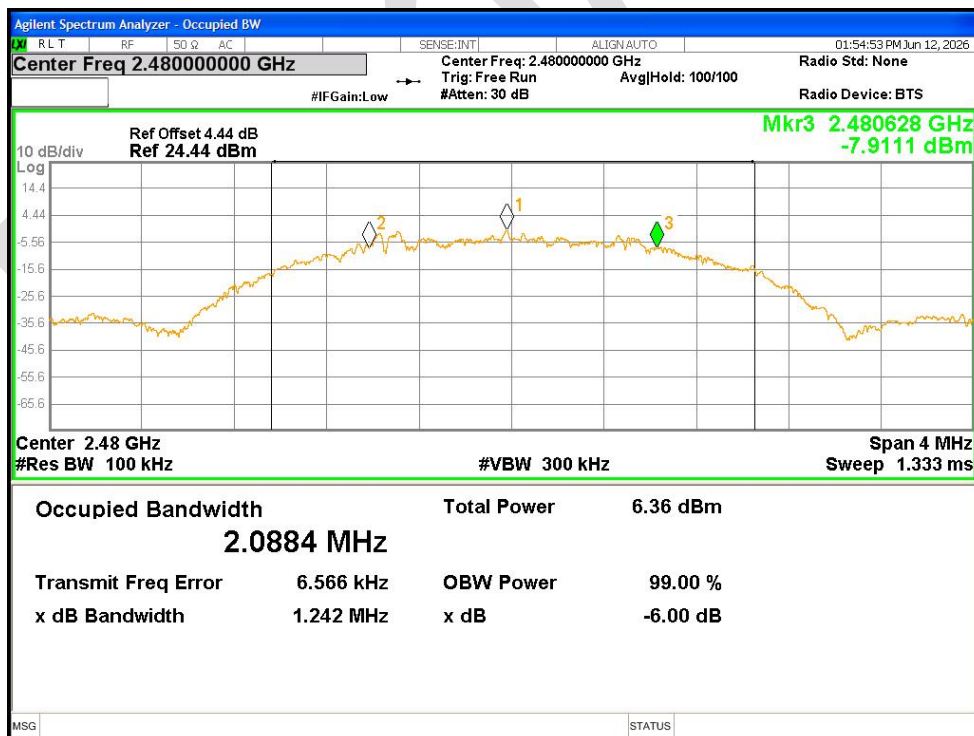
-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2442MHz Ant1



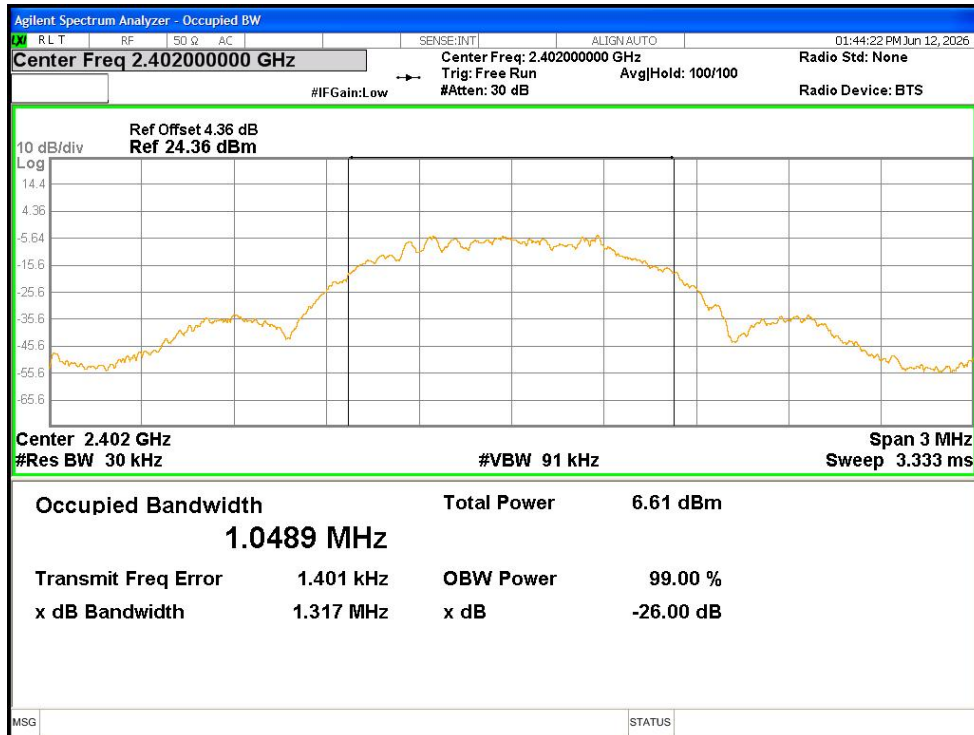
-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



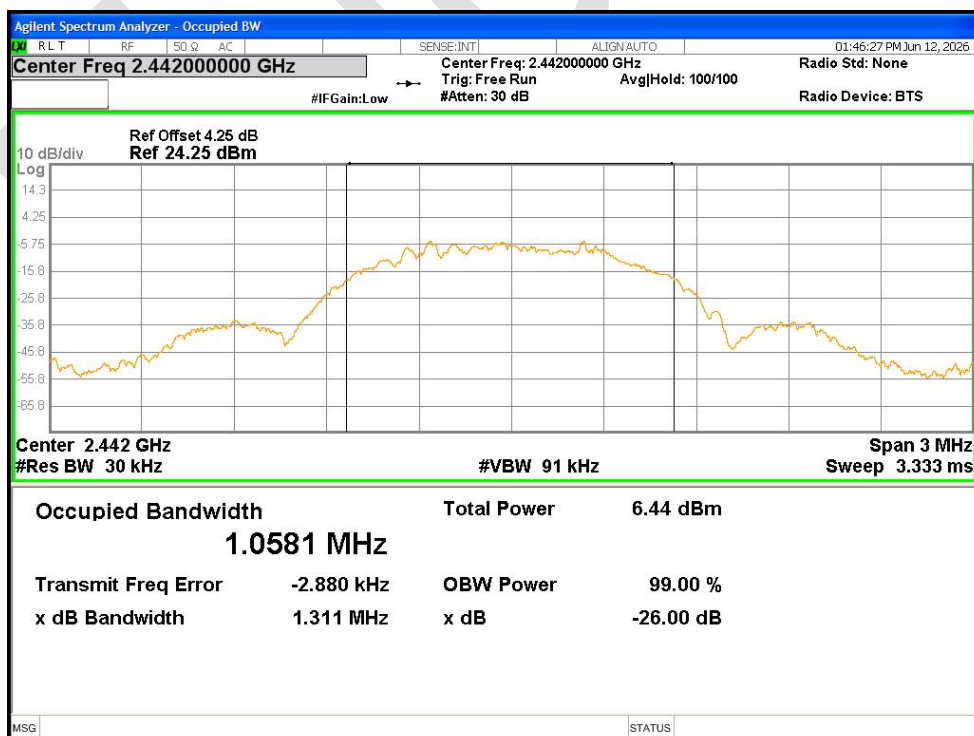
7.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0489
NVNT	BLE 1M	2442	Ant1	1.0581
NVNT	BLE 1M	2480	Ant1	1.0482
NVNT	BLE 2M	2402	Ant1	2.0931
NVNT	BLE 2M	2442	Ant1	2.0864
NVNT	BLE 2M	2480	Ant1	2.0808

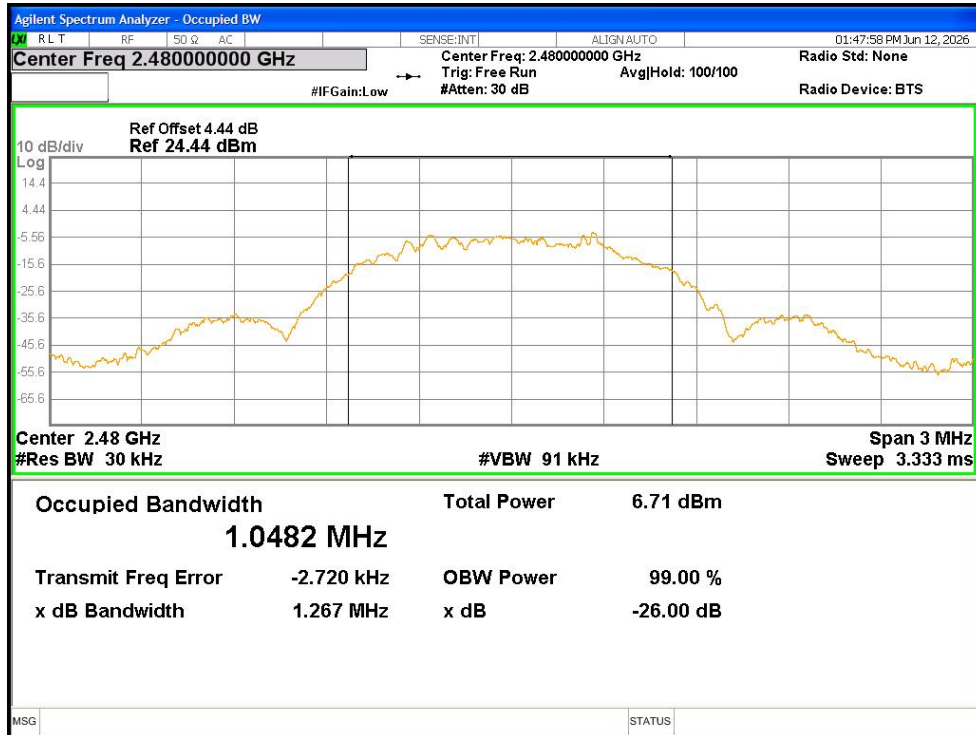
OBW NVNT BLE 1M 2402MHz Ant1



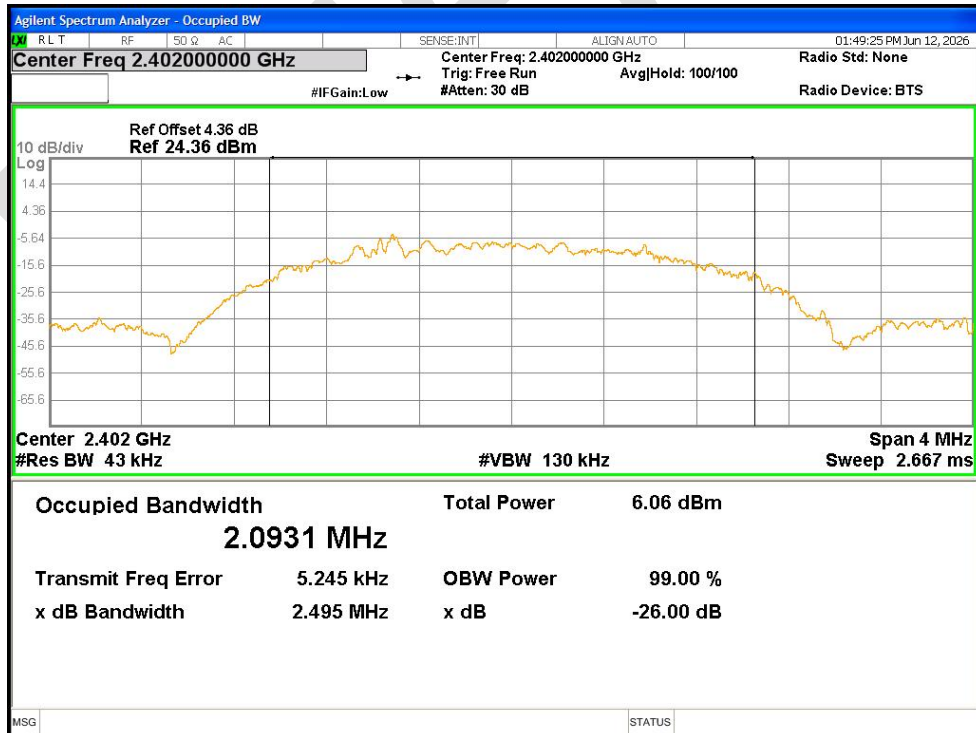
OBW NVNT BLE 1M 2442MHz Ant1



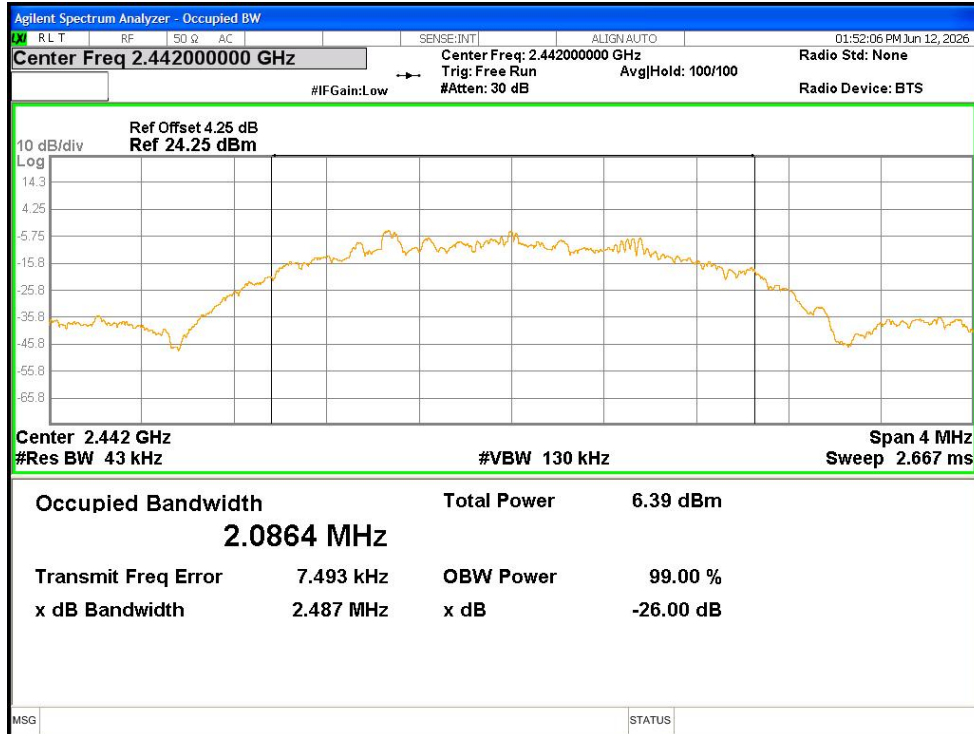
OBW NVNT BLE 1M 2480MHz Ant1



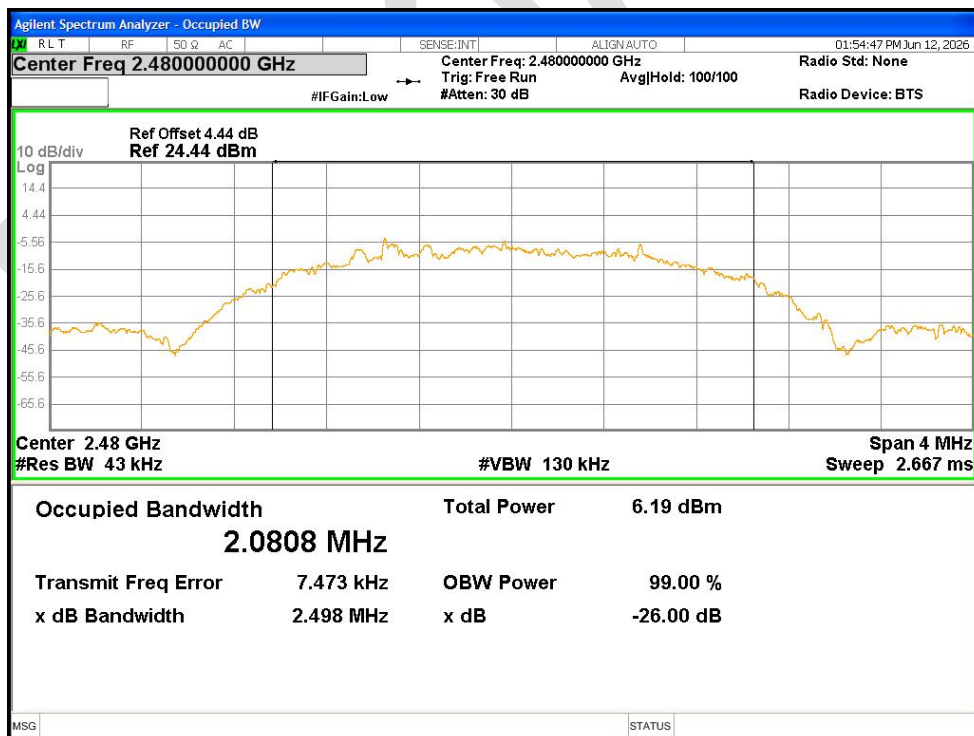
OBW NVNT BLE 2M 2402MHz Ant1



OBW NVNT BLE 2M 2442MHz Ant1



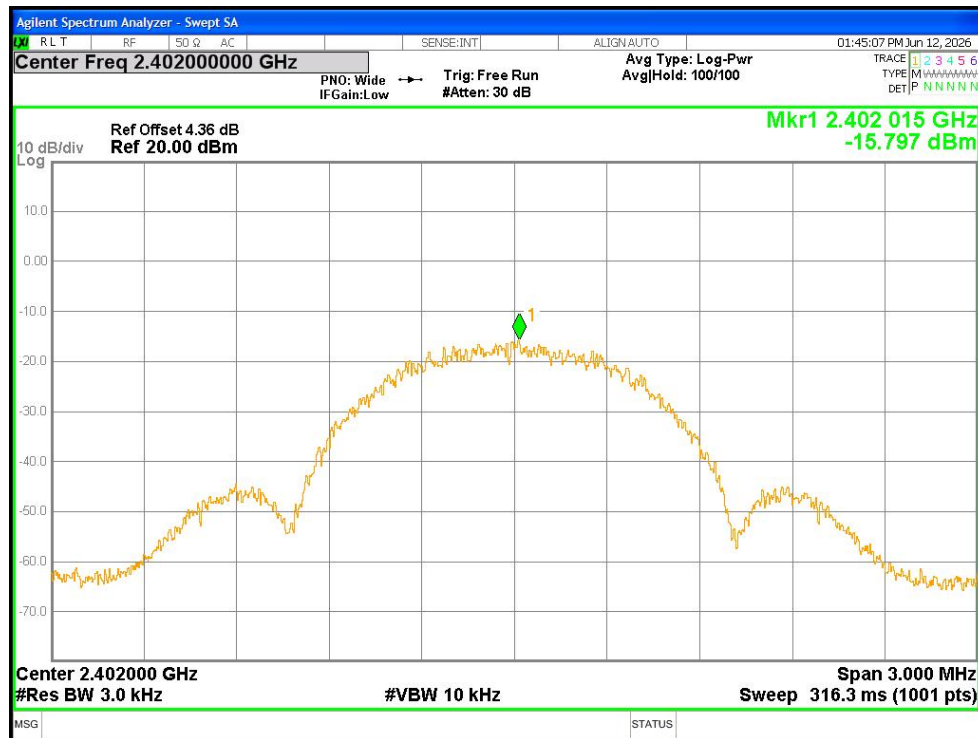
OBW NVNT BLE 2M 2480MHz Ant1



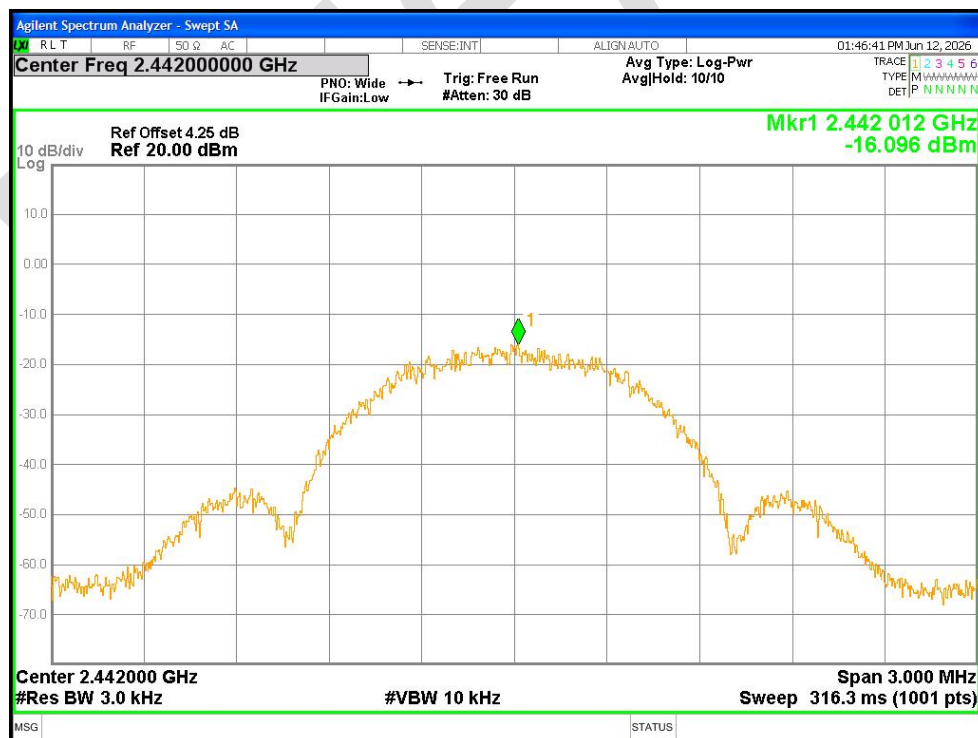
7.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.797	8	Pass
NVNT	BLE 1M	2442	Ant1	-16.096	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.001	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.270	8	Pass
NVNT	BLE 2M	2442	Ant1	-18.660	8	Pass
NVNT	BLE 2M	2480	Ant1	-18.864	8	Pass

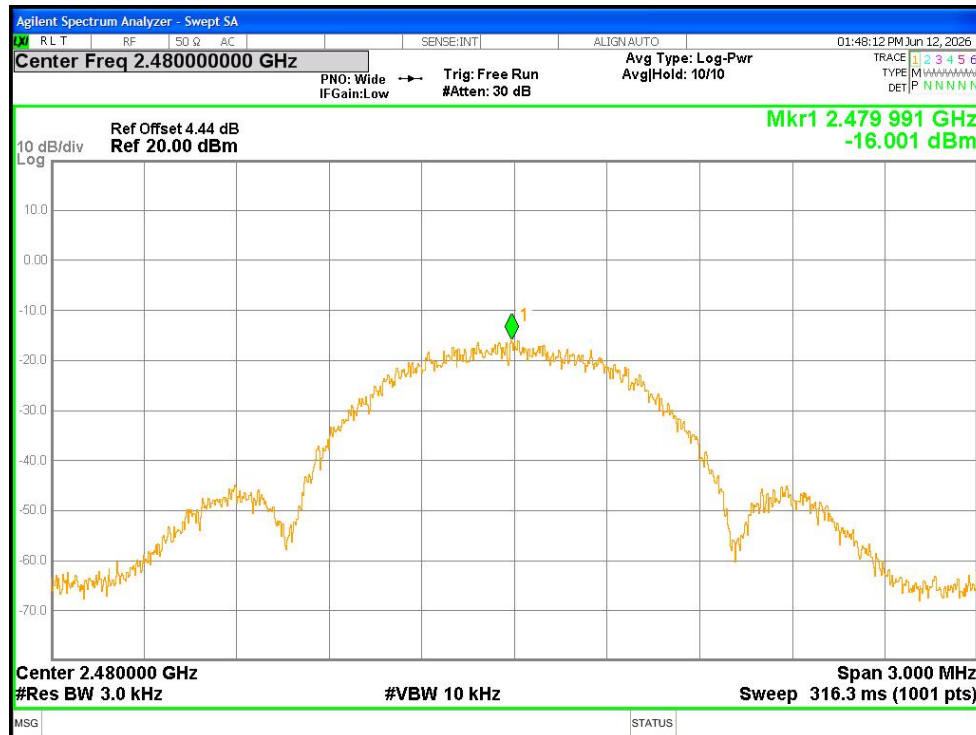
PSD NVNT BLE 1M 2402MHz Ant1



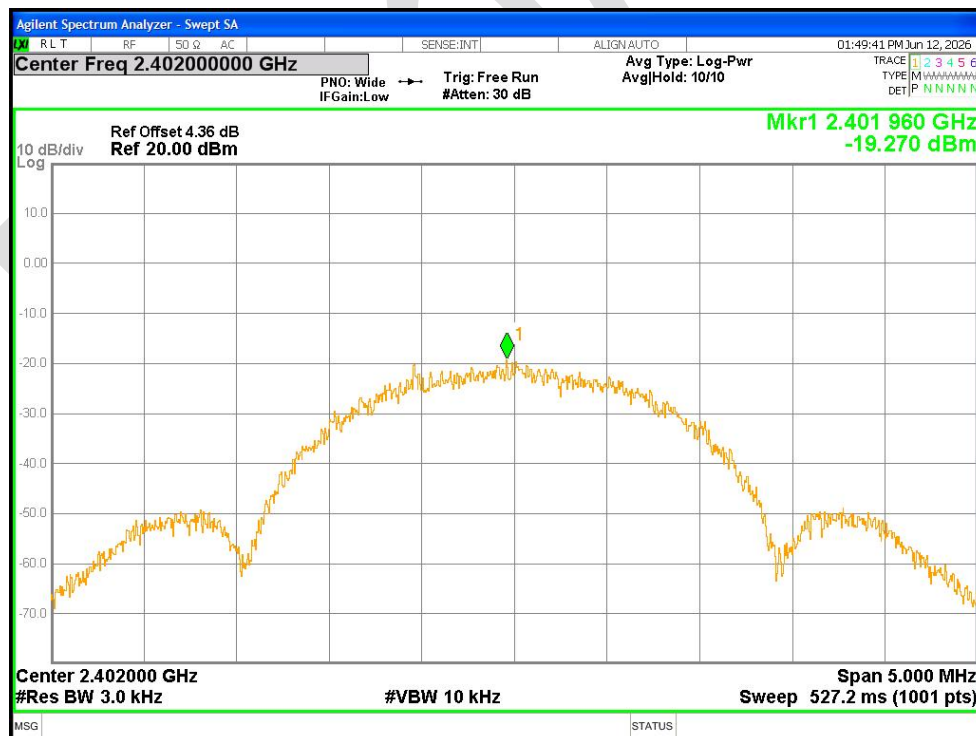
PSD NVNT BLE 1M 2442MHz Ant1



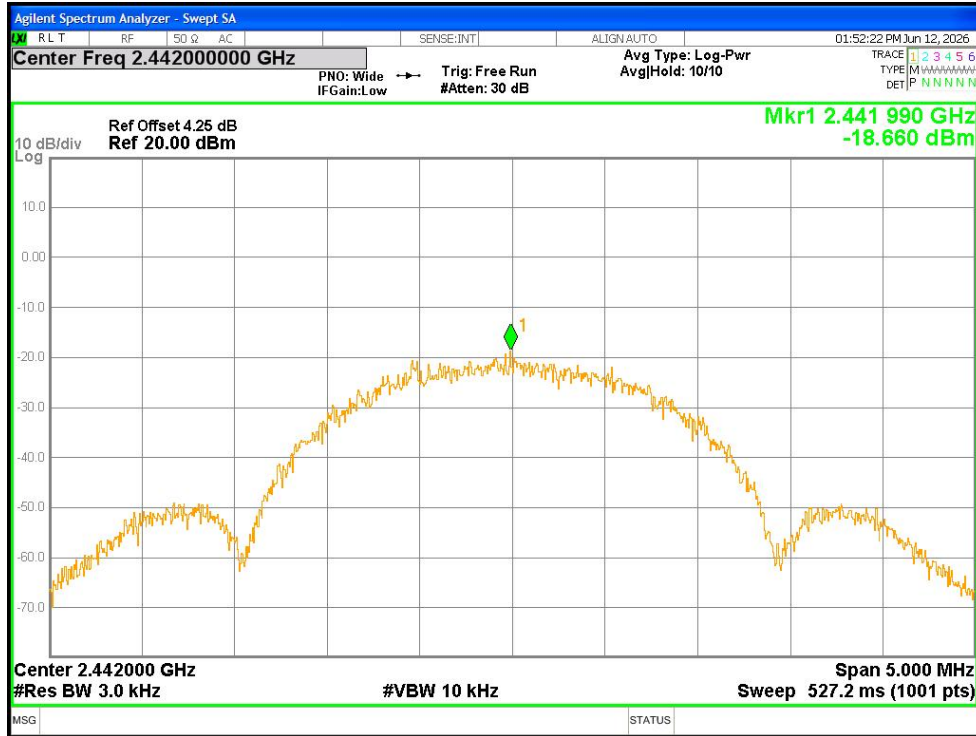
PSD NVNT BLE 1M 2480MHz Ant1



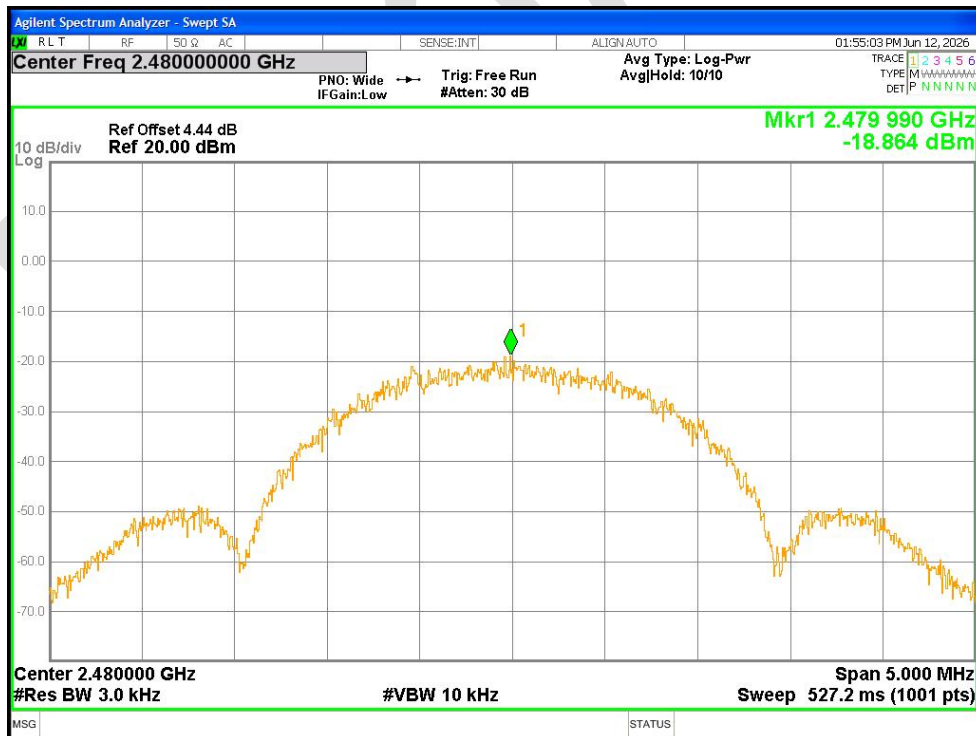
PSD NVNT BLE 2M 2402MHz Ant1



PSD NVNT BLE 2M 2442MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



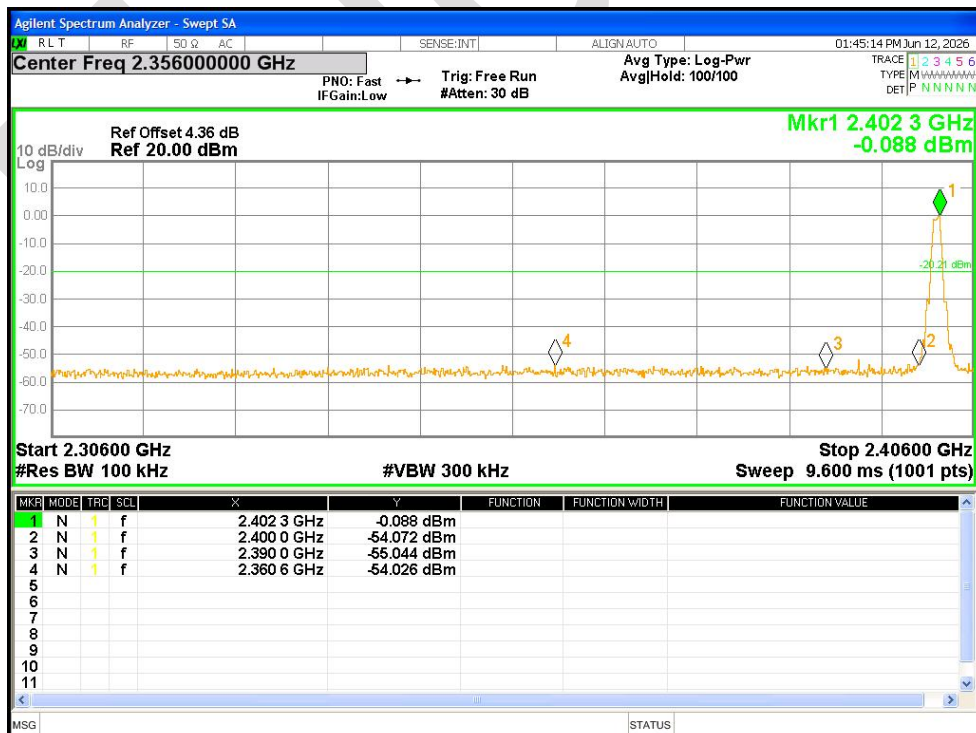
7.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.81	-20	Pass
NVNT	BLE 1M	2480	Ant1	-52.32	-20	Pass
NVNT	BLE 2M	2402	Ant1	-51.36	-20	Pass
NVNT	BLE 2M	2480	Ant1	-53.32	-20	Pass

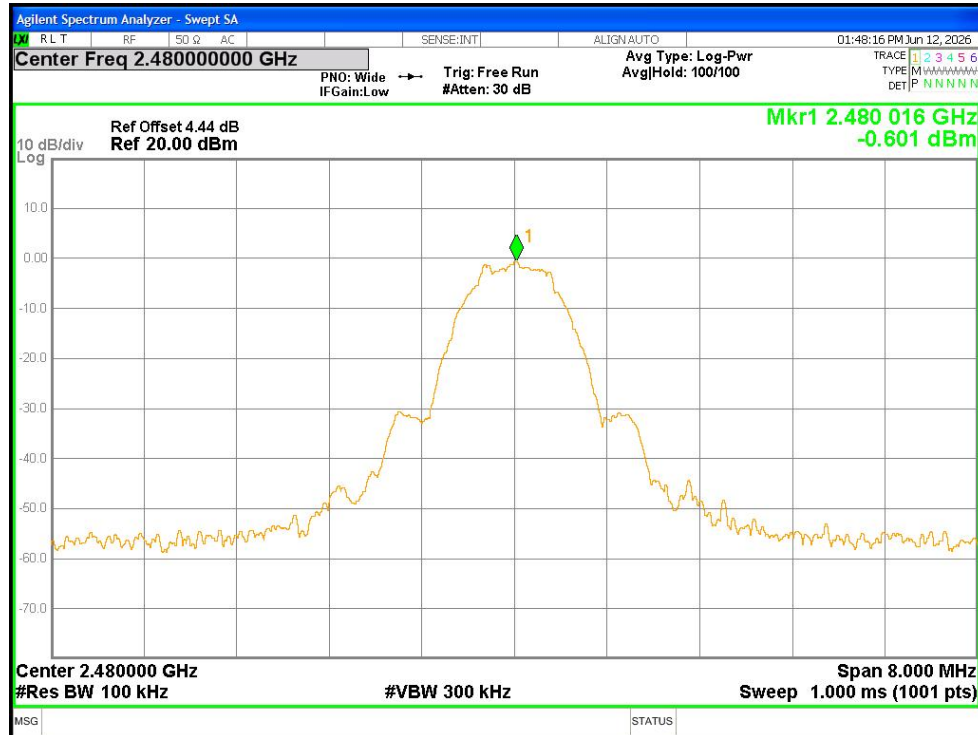
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



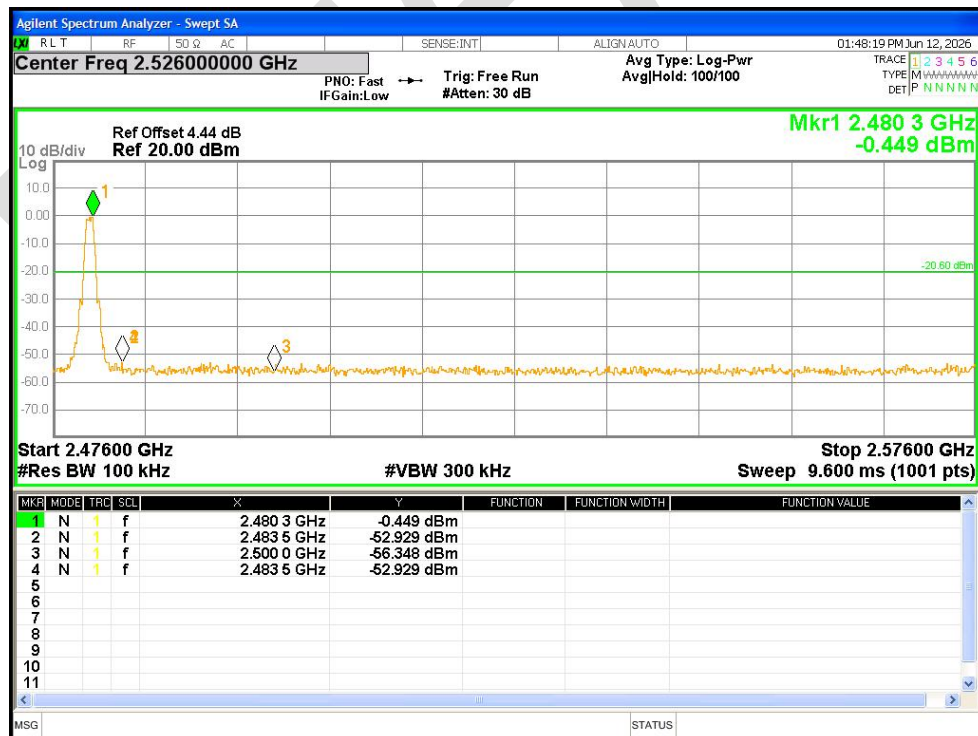
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



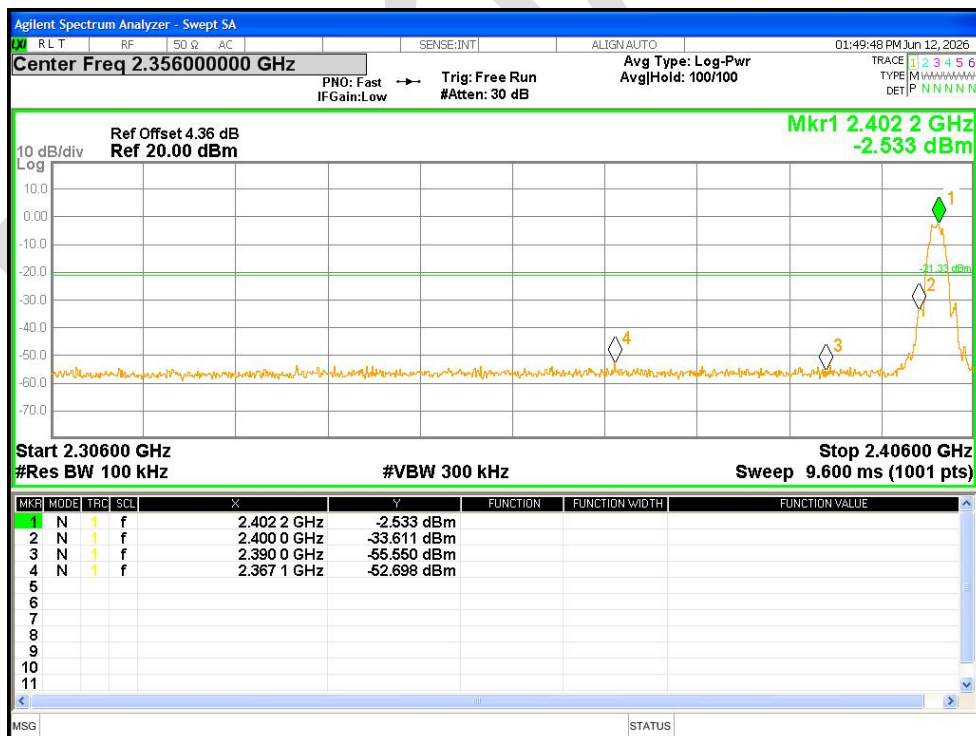
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



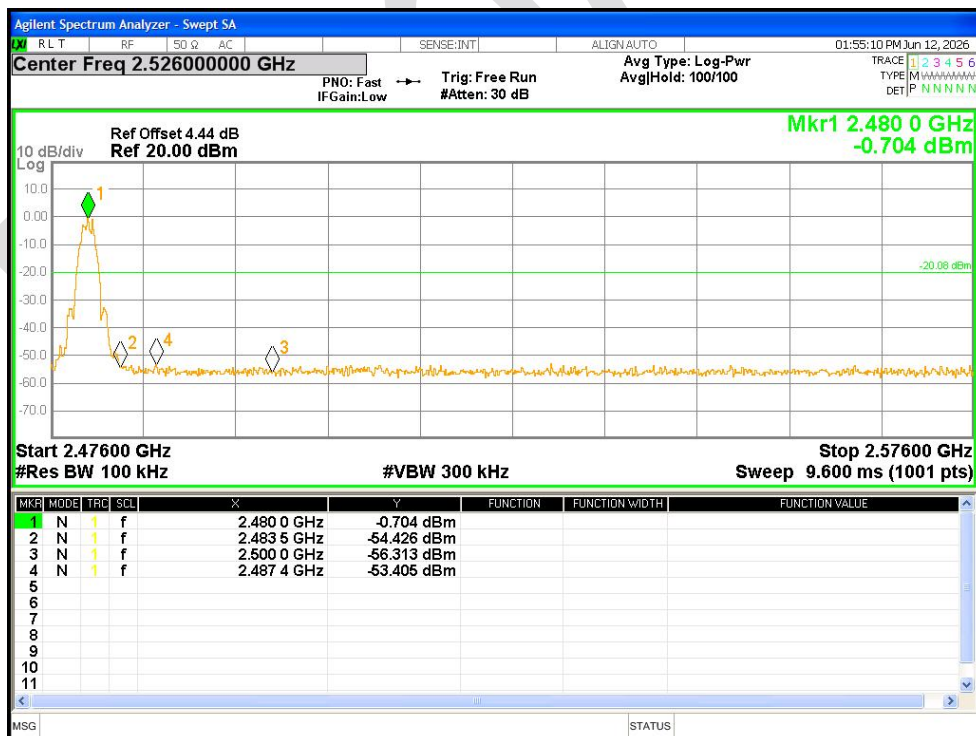
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



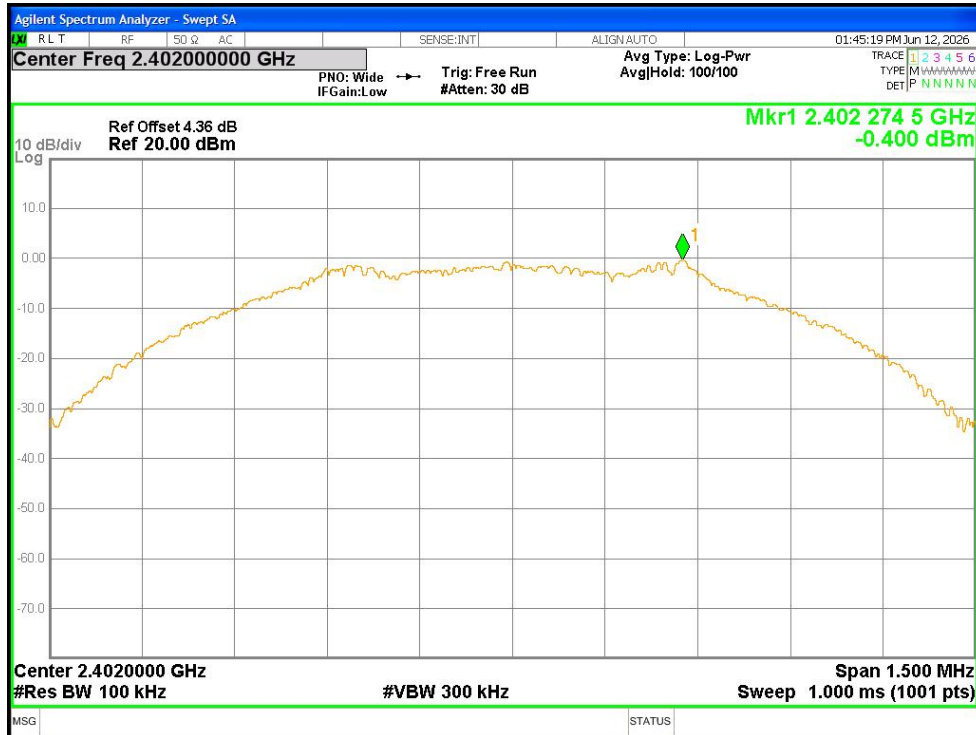
Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



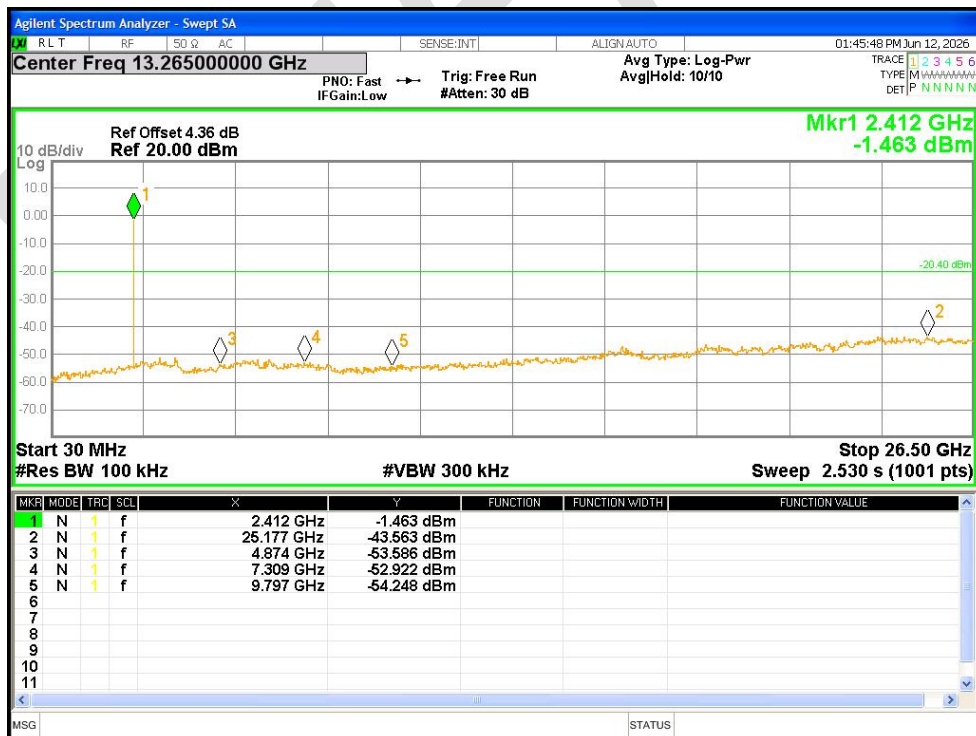
7.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-43.16	-20	Pass
NVNT	BLE 1M	2442	Ant1	-43.23	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.35	-20	Pass
NVNT	BLE 2M	2402	Ant1	-42.74	-20	Pass
NVNT	BLE 2M	2442	Ant1	-42.25	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.11	-20	Pass

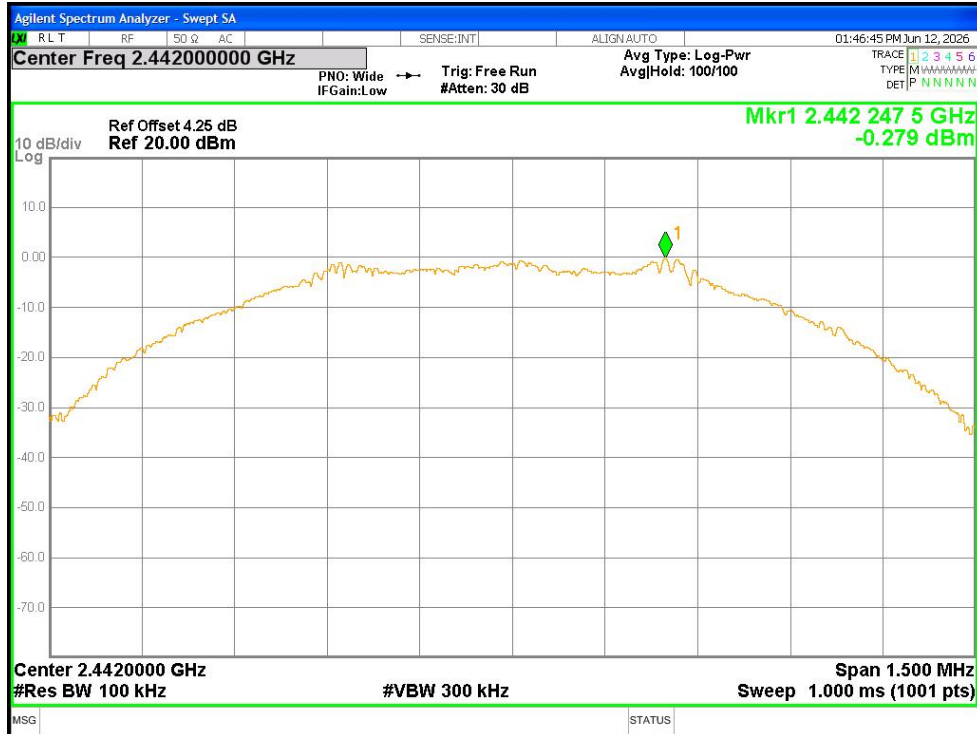
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



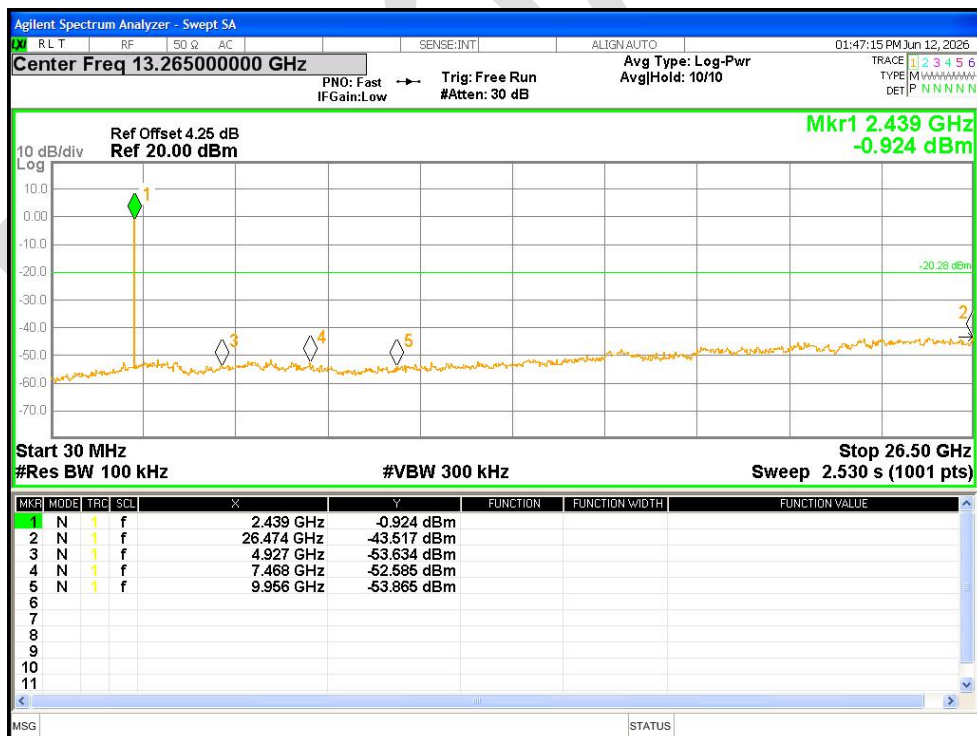
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



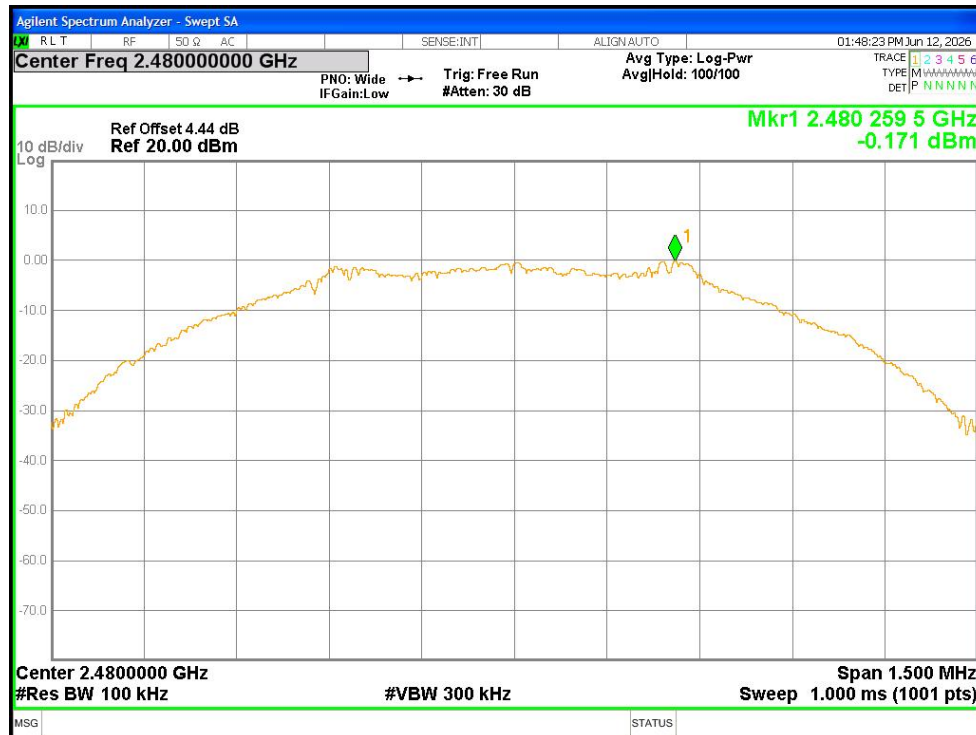
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



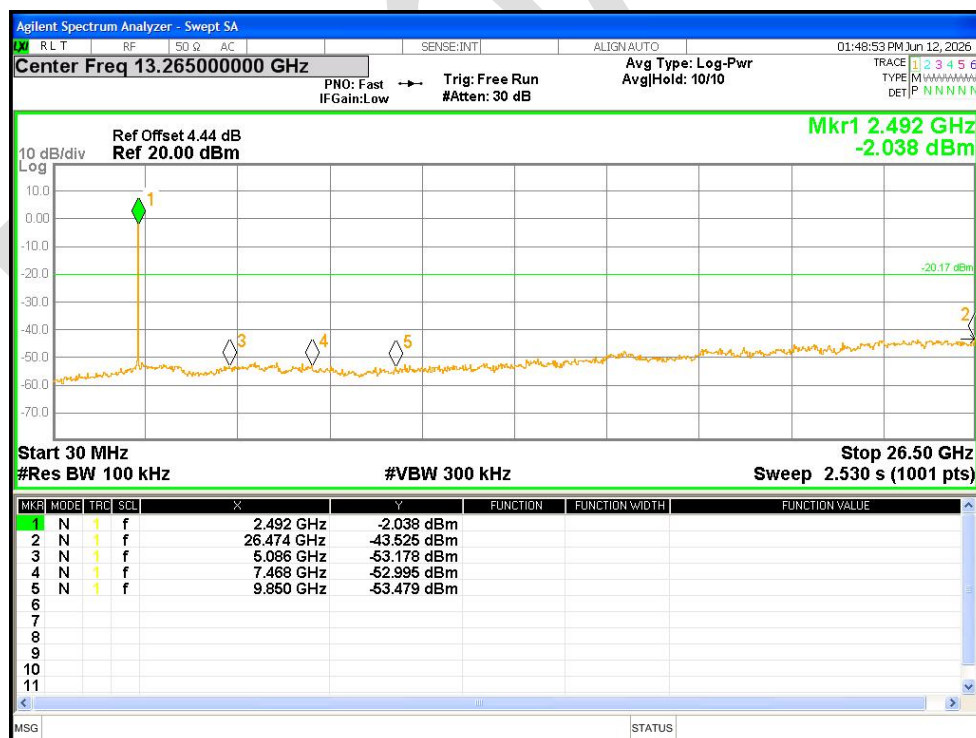
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



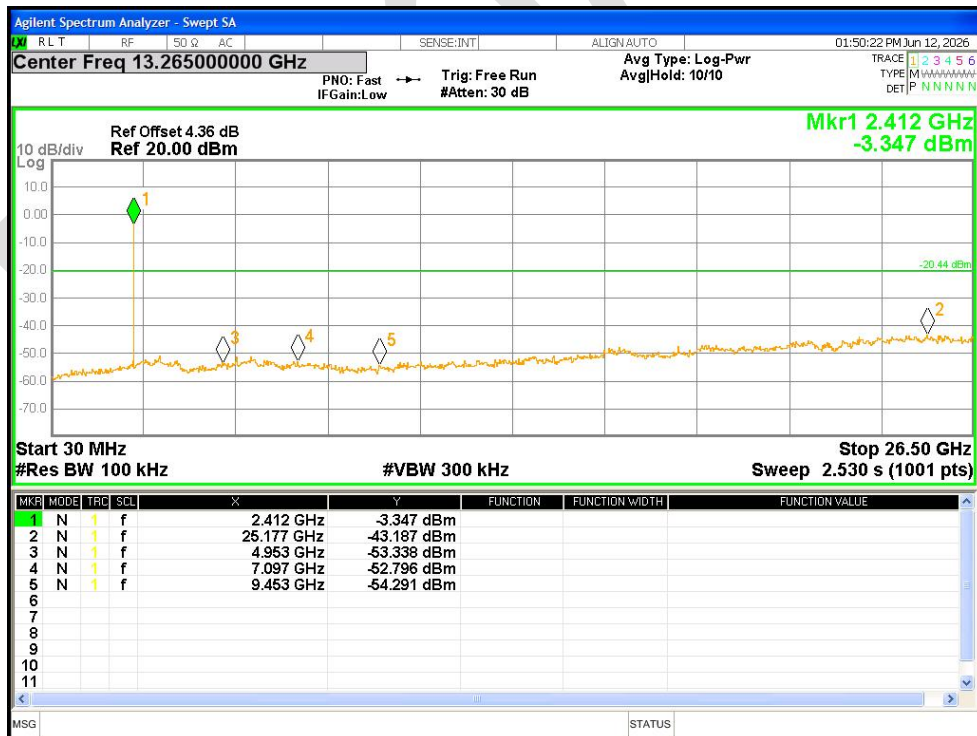
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref