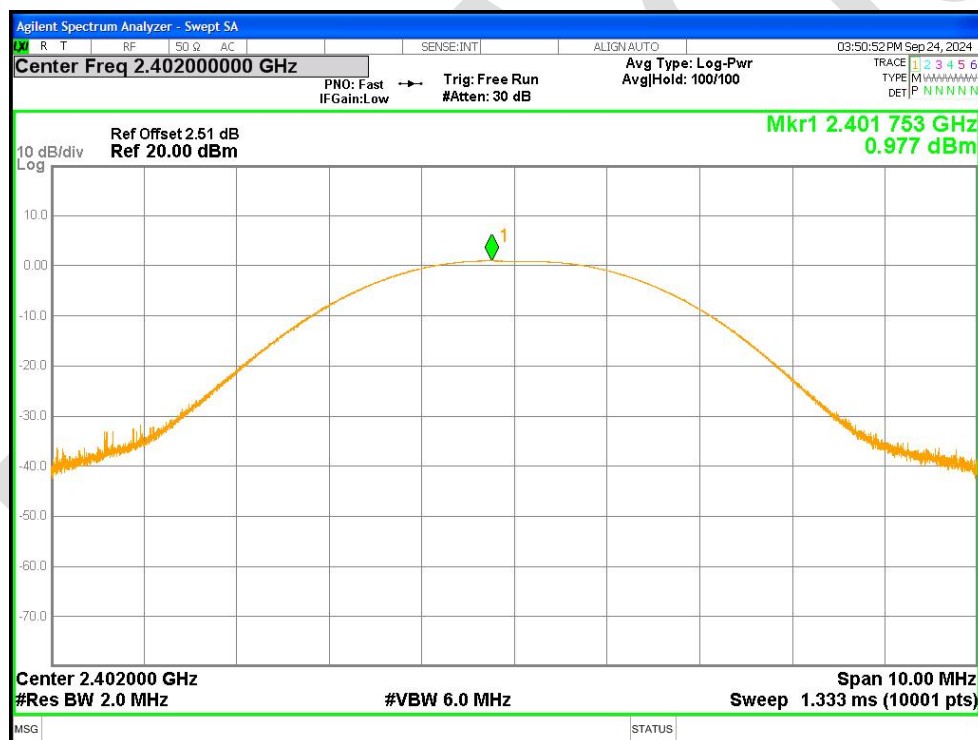


7.2 the right

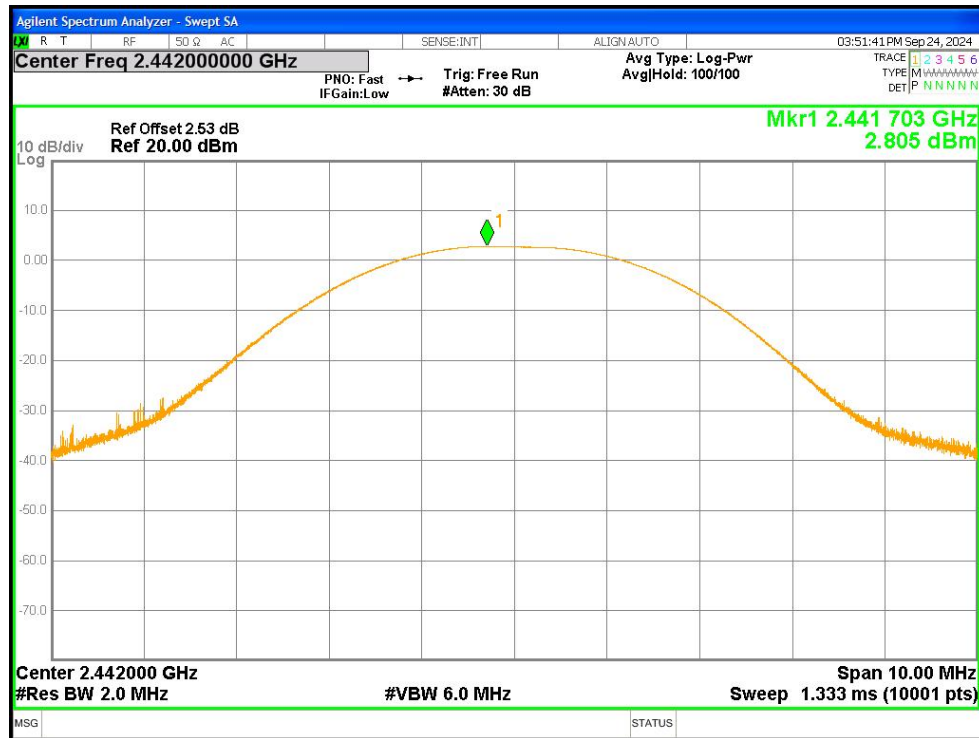
7.2.1 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.977	30	Pass
NVNT	BLE 1M	2442	Ant1	2.805	30	Pass
NVNT	BLE 1M	2480	Ant1	3.181	30	Pass
NVNT	BLE 2M	2402	Ant1	1.063	30	Pass
NVNT	BLE 2M	2442	Ant1	3.096	30	Pass
NVNT	BLE 2M	2480	Ant1	3.537	30	Pass

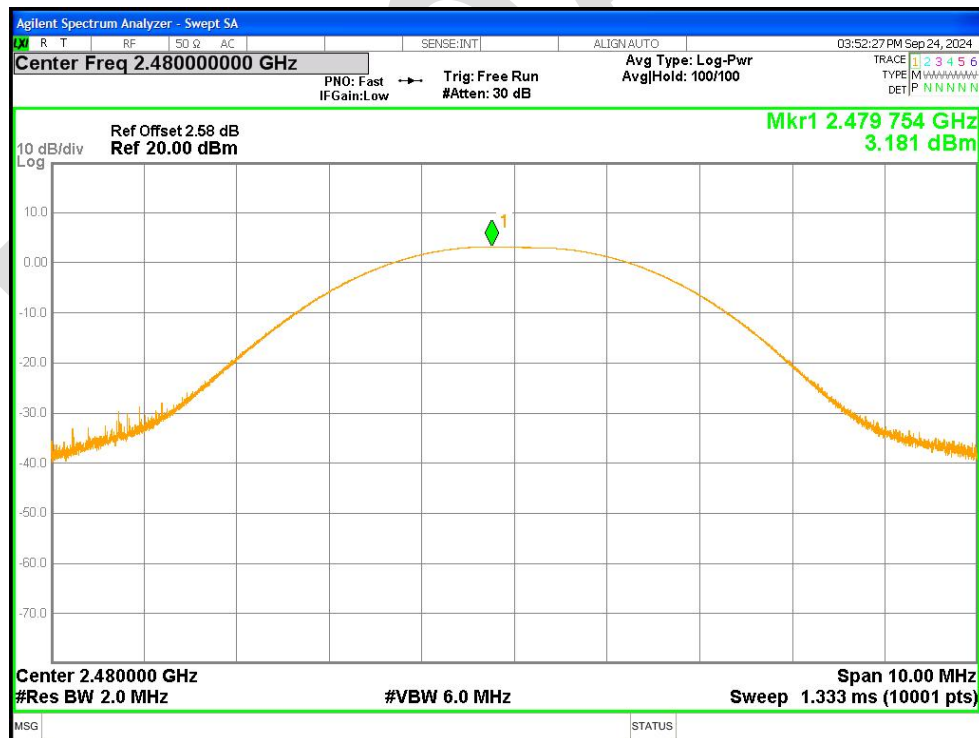
Power NVNT BLE 1M 2402MHz Ant1



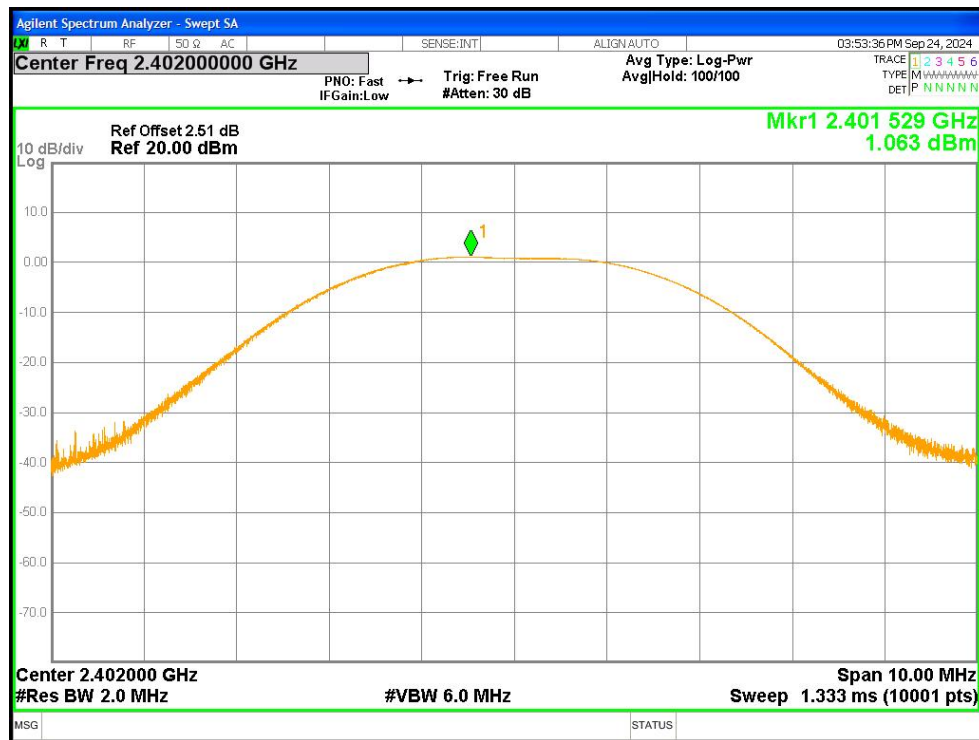
Power NVNT BLE 1M 2442MHz Ant1



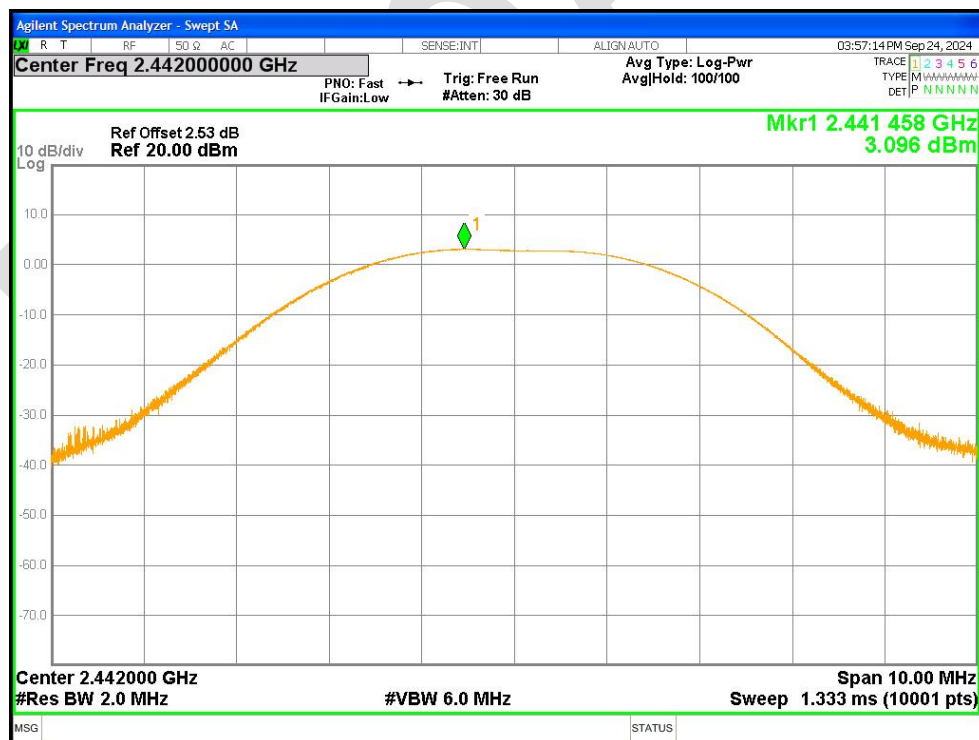
Power NVNT BLE 1M 2480MHz Ant1



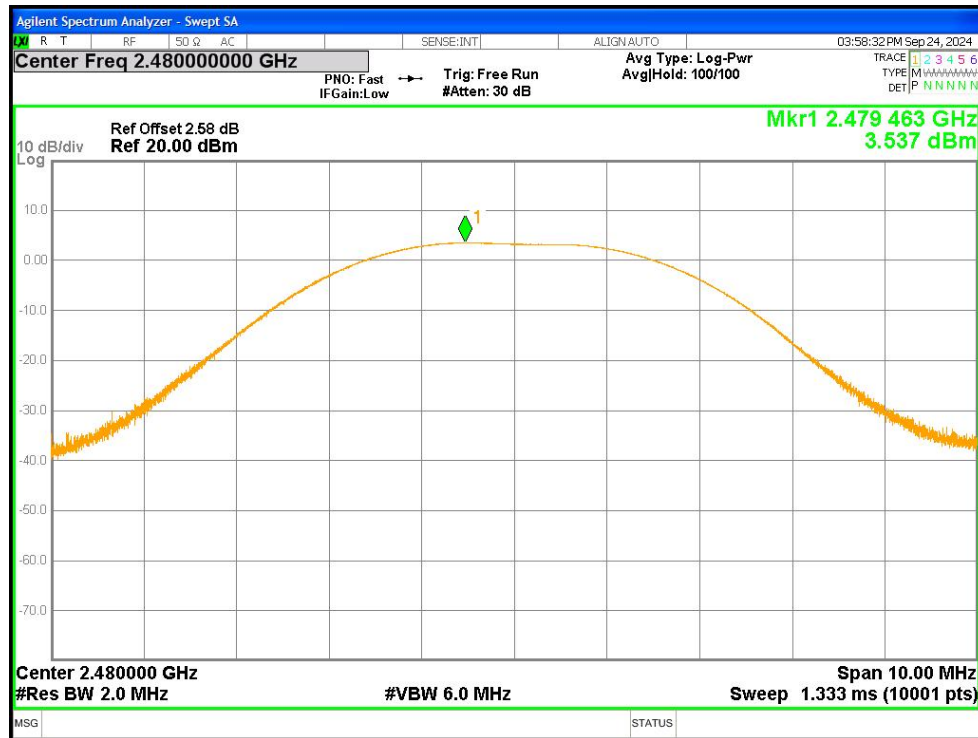
Power NVNT BLE 2M 2402MHz Ant1



Power NVNT BLE 2M 2442MHz Ant1



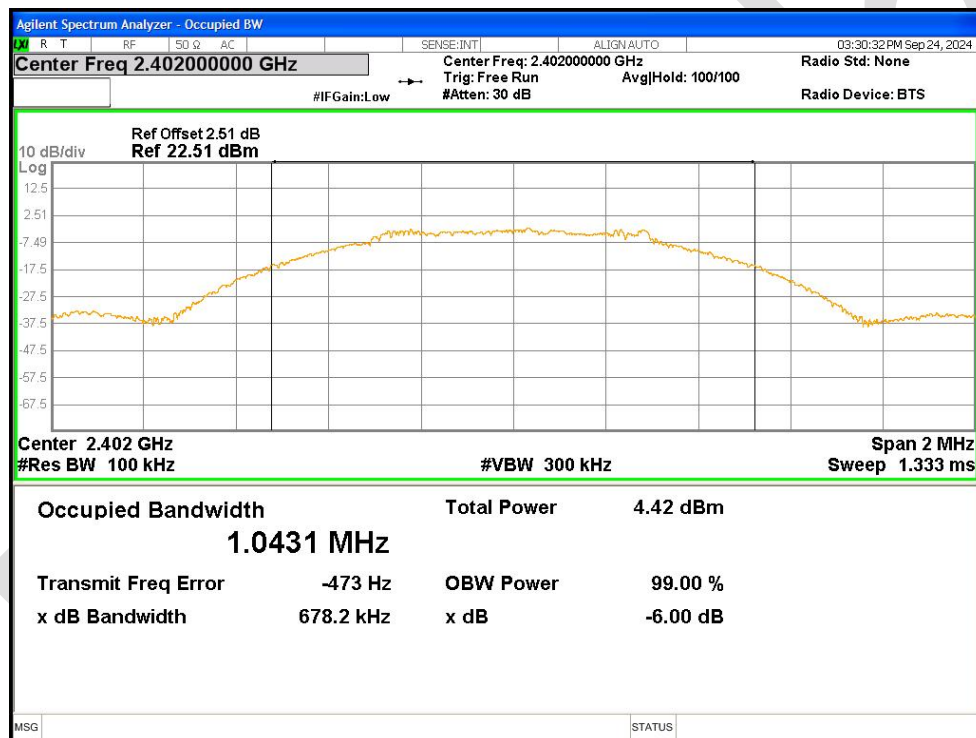
Power NVNT BLE 2M 2480MHz Ant1



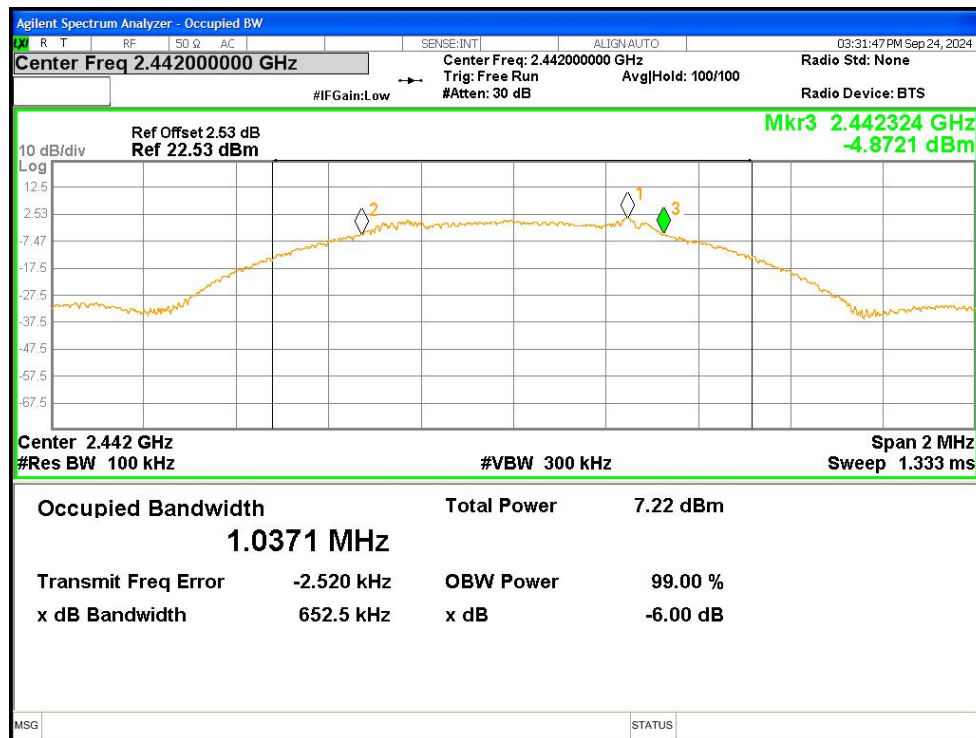
7.2.2 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.678	0.5	Pass
NVNT	BLE 1M	2442	Ant1	0.653	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.643	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.134	0.5	Pass
NVNT	BLE 2M	2442	Ant1	1.143	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.15	0.5	Pass

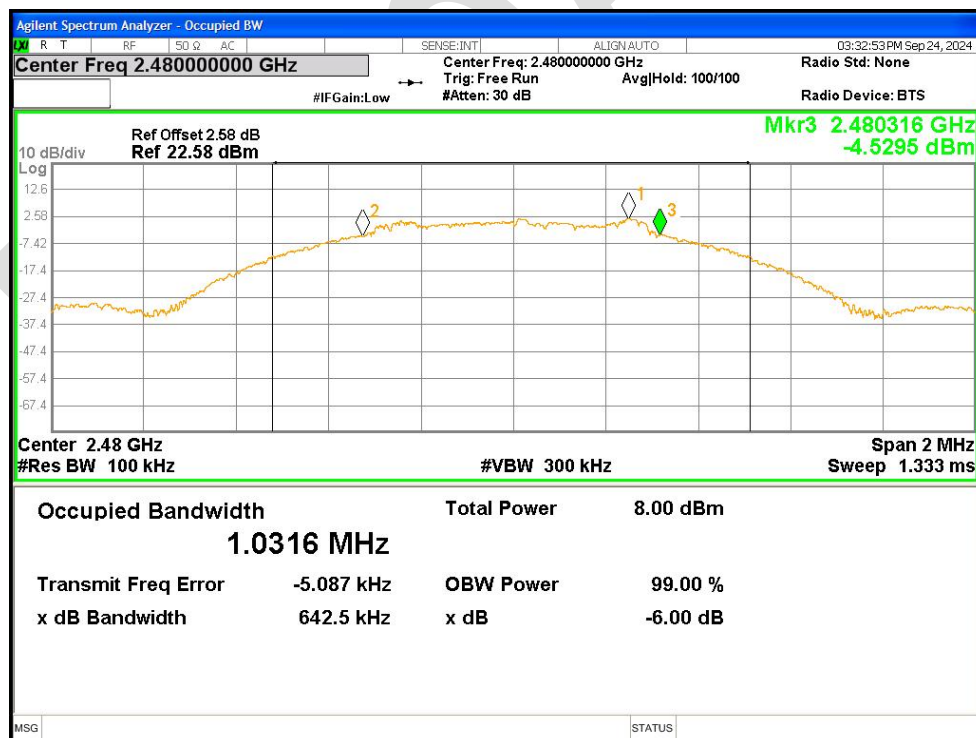
-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



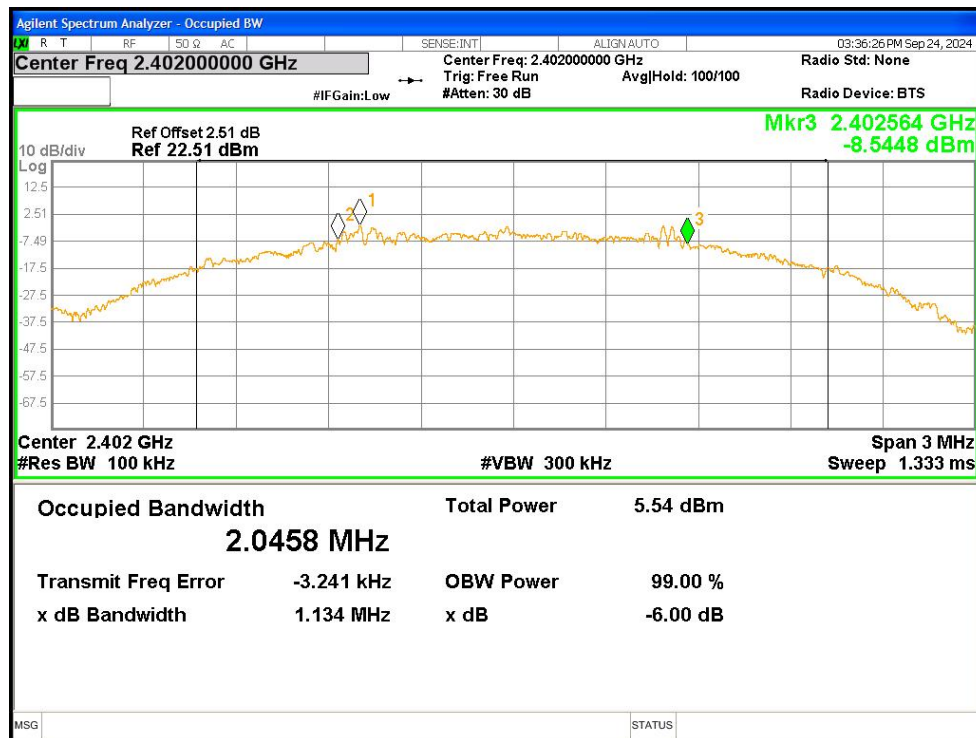
-6dB Bandwidth NVNT BLE 1M 2442MHz Ant1



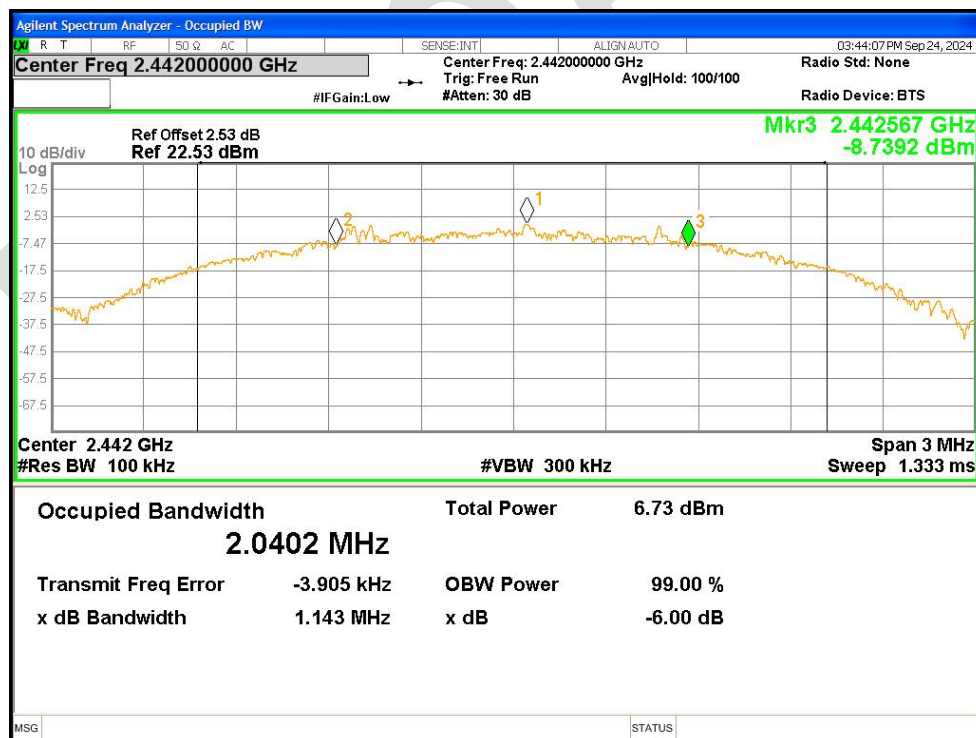
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



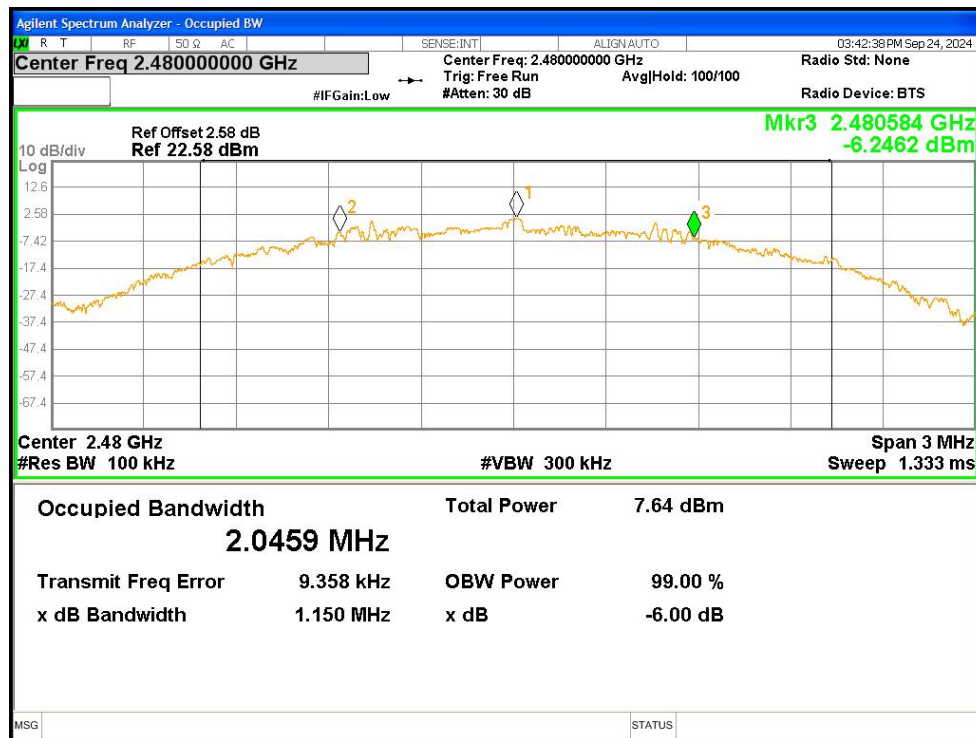
-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2442MHz Ant1



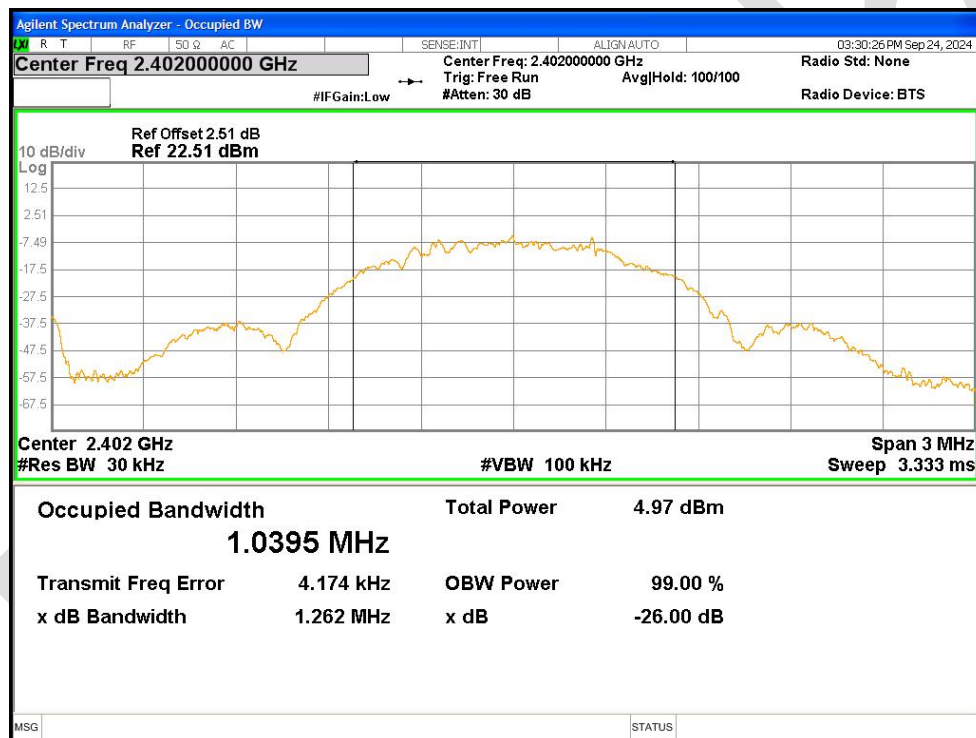
-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



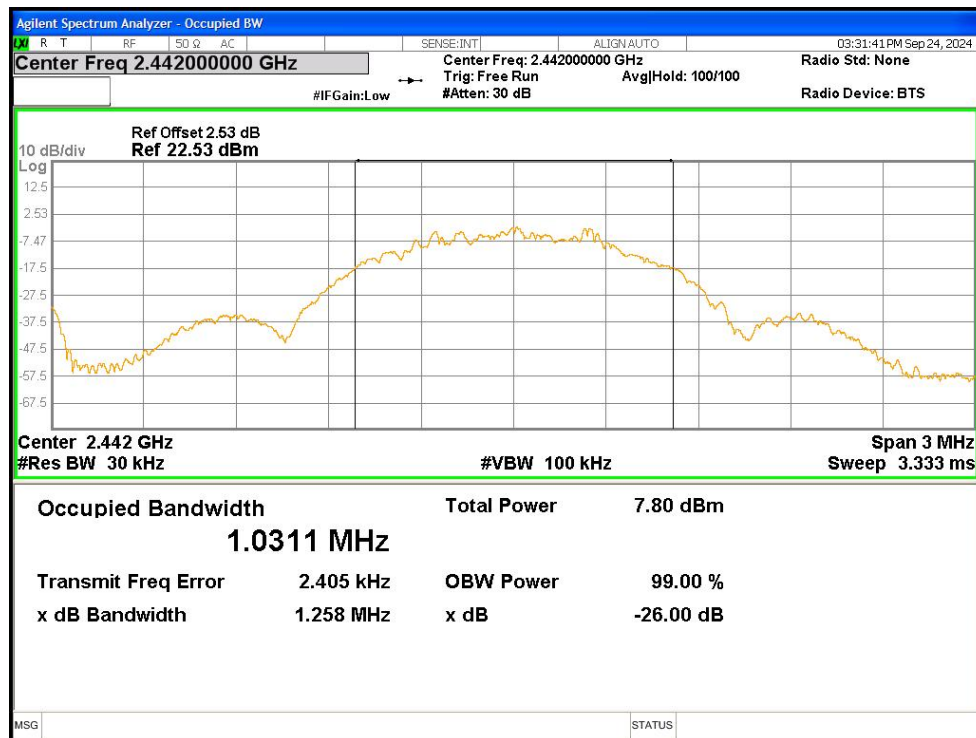
7.2.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0395
NVNT	BLE 1M	2442	Ant1	1.0311
NVNT	BLE 1M	2480	Ant1	1.0356
NVNT	BLE 2M	2402	Ant1	2.0457
NVNT	BLE 2M	2442	Ant1	2.0658
NVNT	BLE 2M	2480	Ant1	2.0621

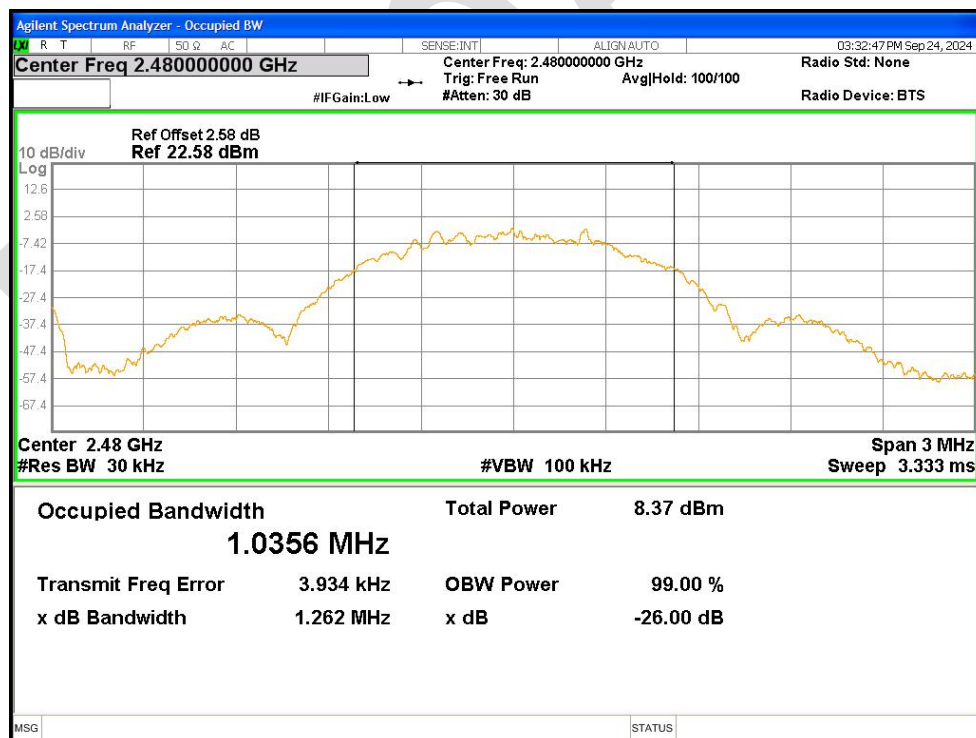
OBW NVNT BLE 1M 2402MHz Ant1



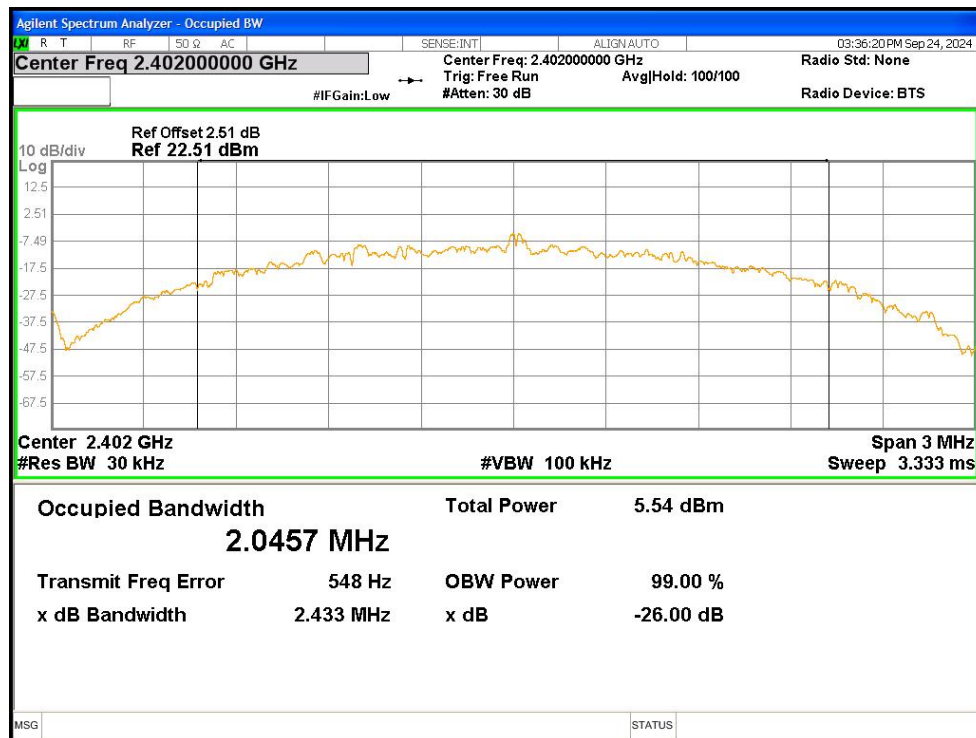
OBW NVNT BLE 1M 2442MHz Ant1



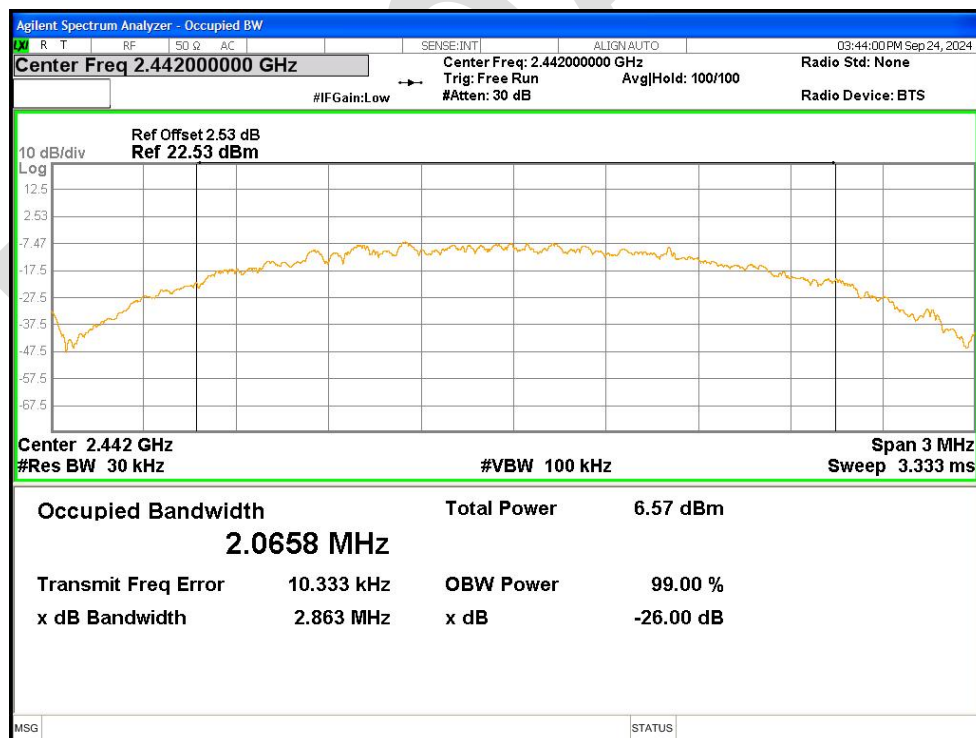
OBW NVNT BLE 1M 2480MHz Ant1



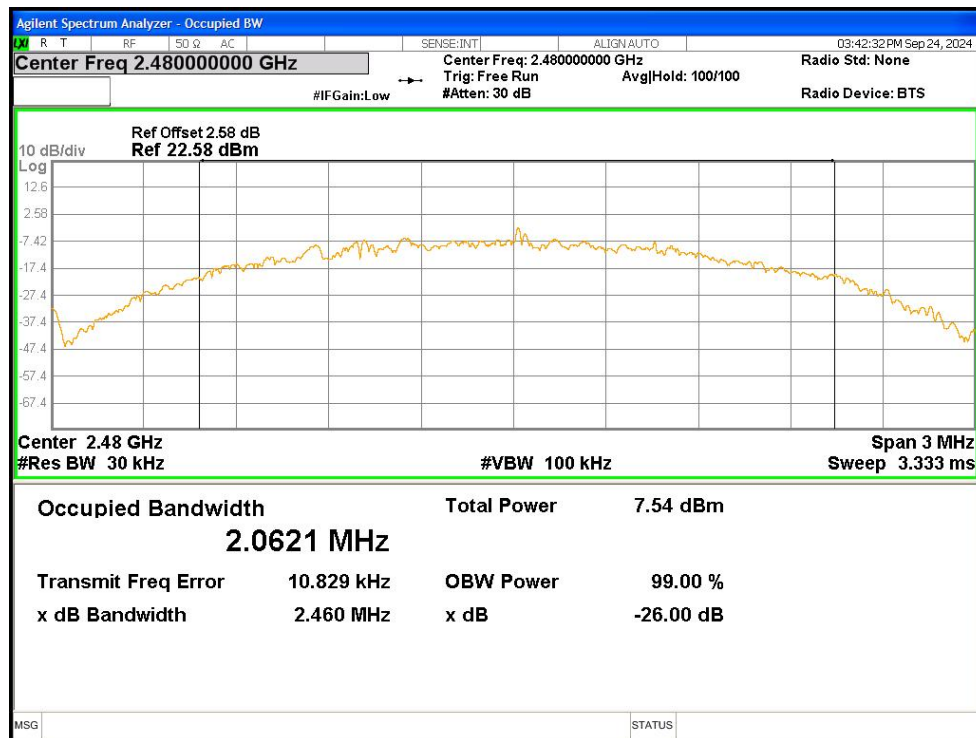
OBW NVNT BLE 2M 2402MHz Ant1



OBW NVNT BLE 2M 2442MHz Ant1



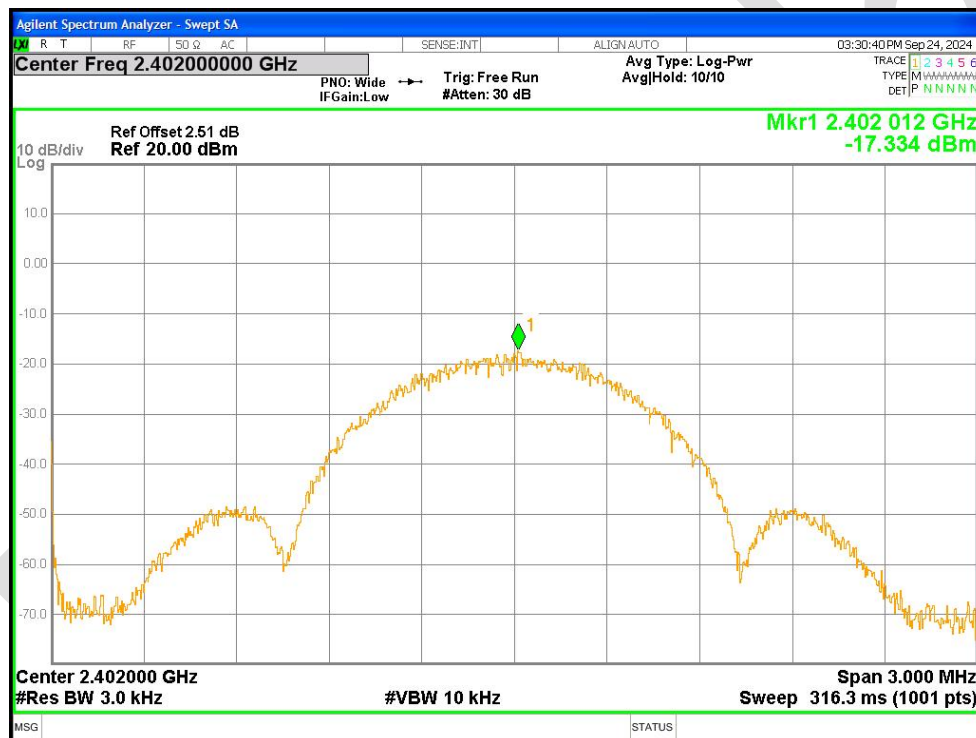
OBW NVNT BLE 2M 2480MHz Ant1



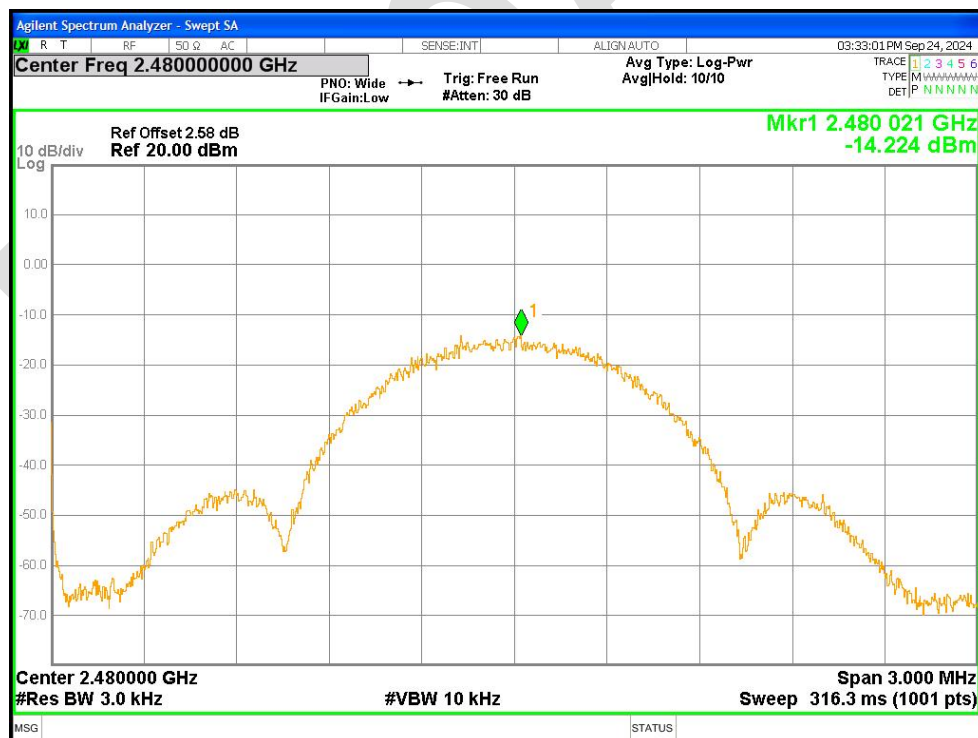
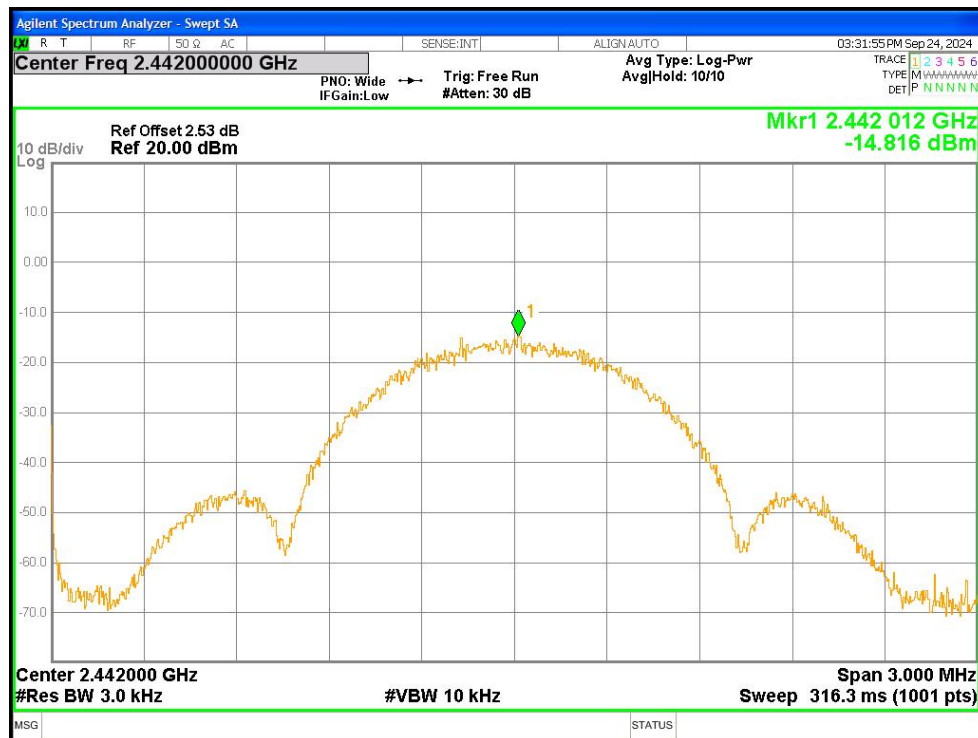
7.2.4 Maximum Power Spectral Density Level

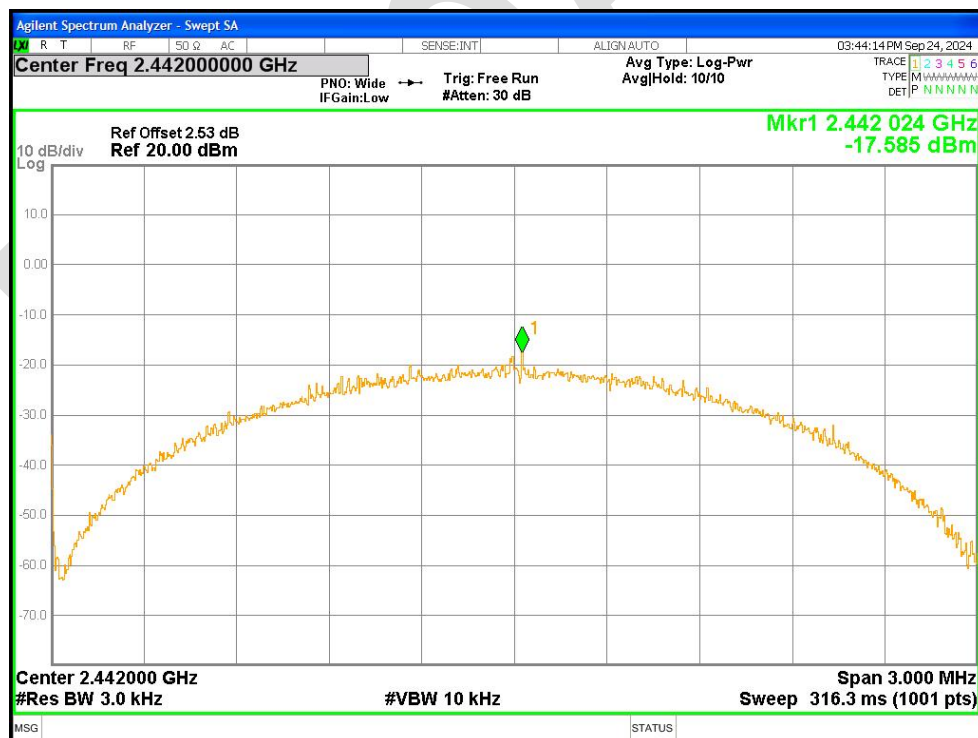
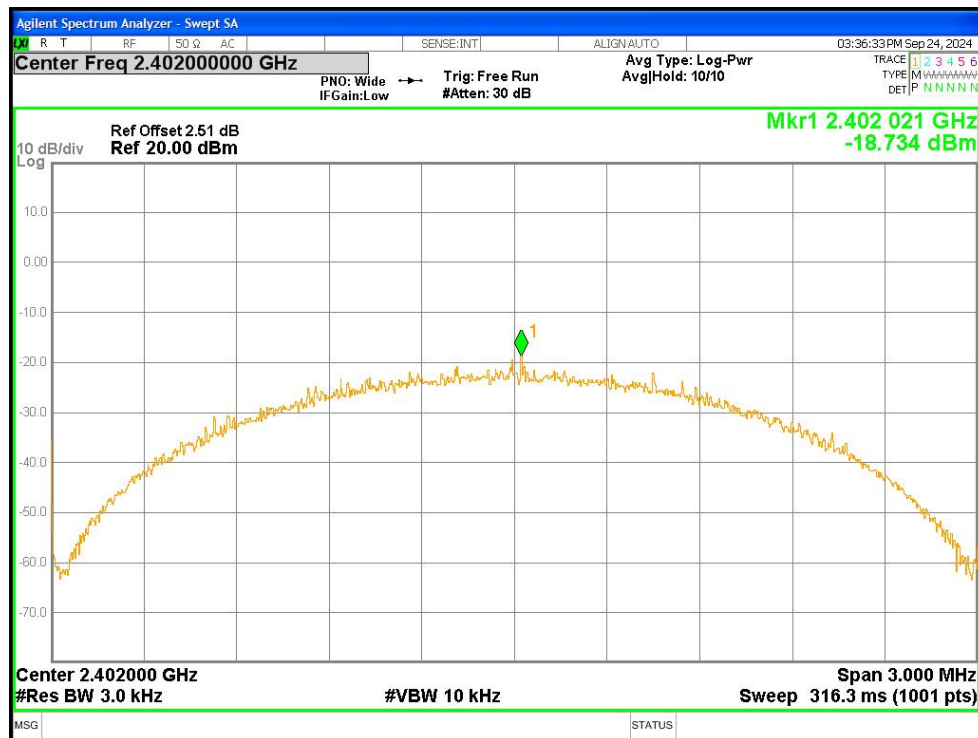
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-17.334	8	Pass
NVNT	BLE 1M	2442	Ant1	-14.816	8	Pass
NVNT	BLE 1M	2480	Ant1	-14.224	8	Pass
NVNT	BLE 2M	2402	Ant1	-18.734	8	Pass
NVNT	BLE 2M	2442	Ant1	-17.585	8	Pass
NVNT	BLE 2M	2480	Ant1	-17.51	8	Pass

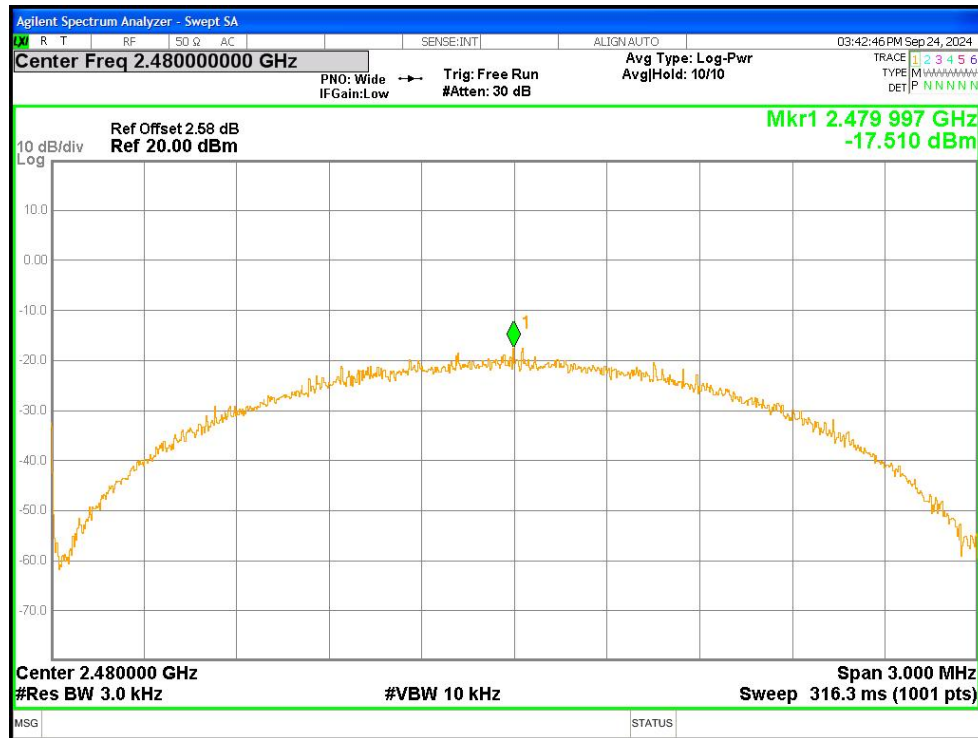
PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2442MHz Ant1



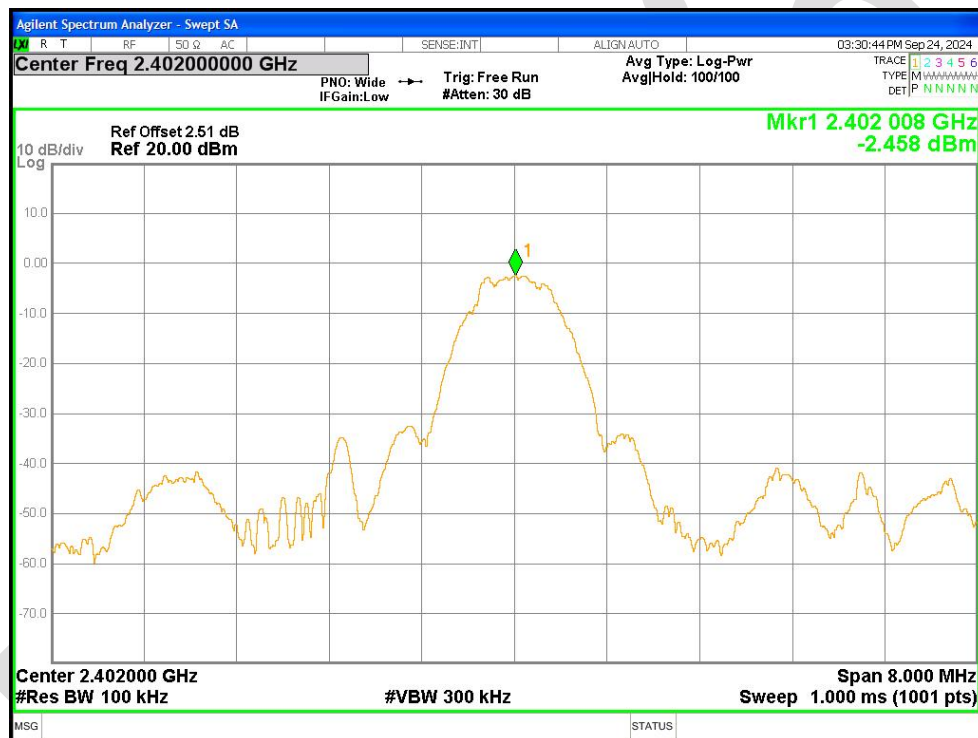




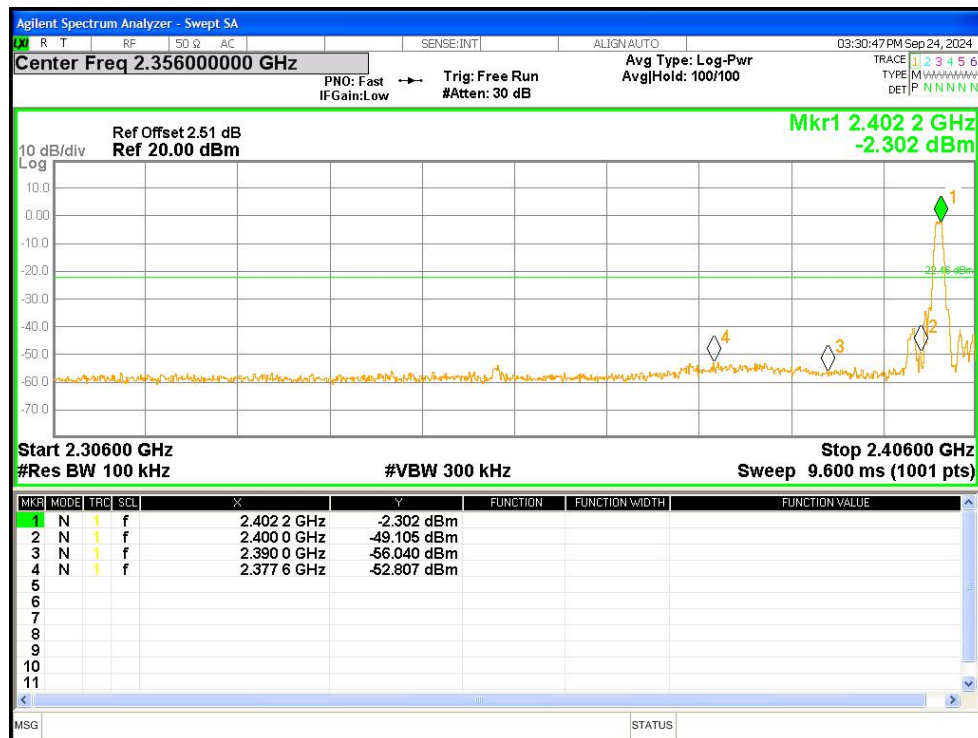
7.2.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-50.34	-20	Pass
NVNT	BLE 1M	2480	Ant1	-39.75	-20	Pass
NVNT	BLE 2M	2402	Ant1	-49.84	-20	Pass
NVNT	BLE 2M	2480	Ant1	-42.23	-20	Pass

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



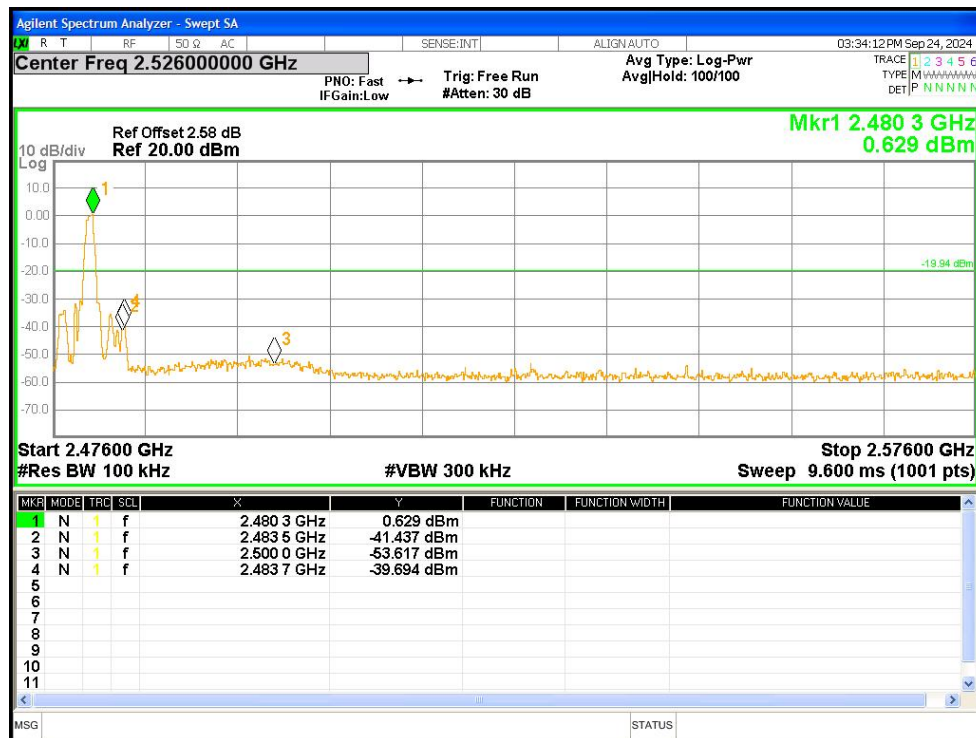
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



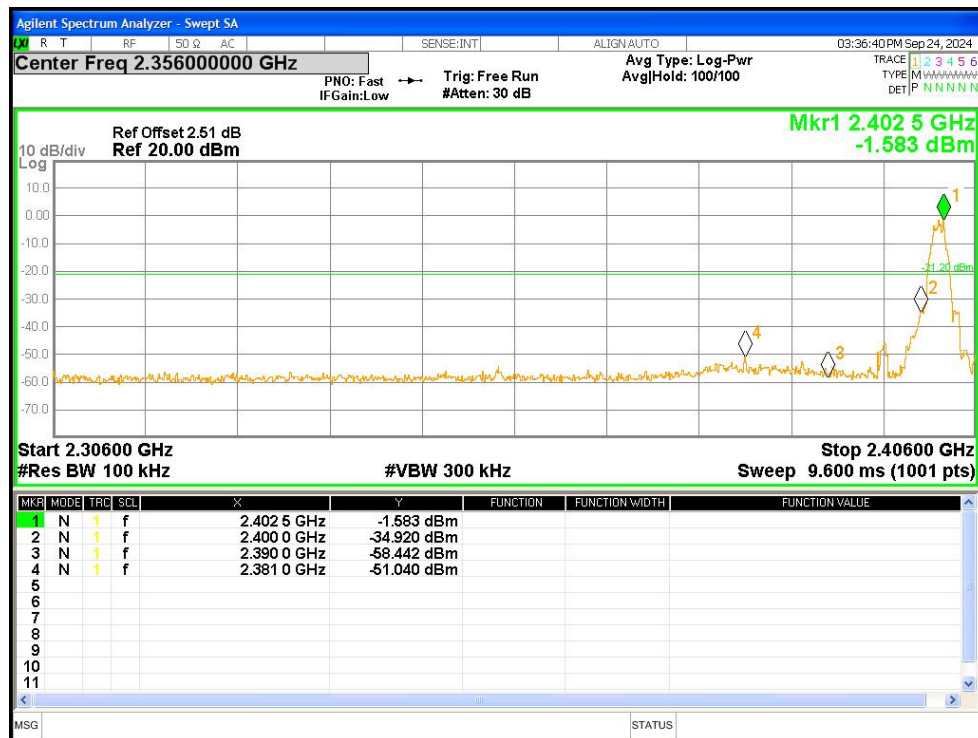
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



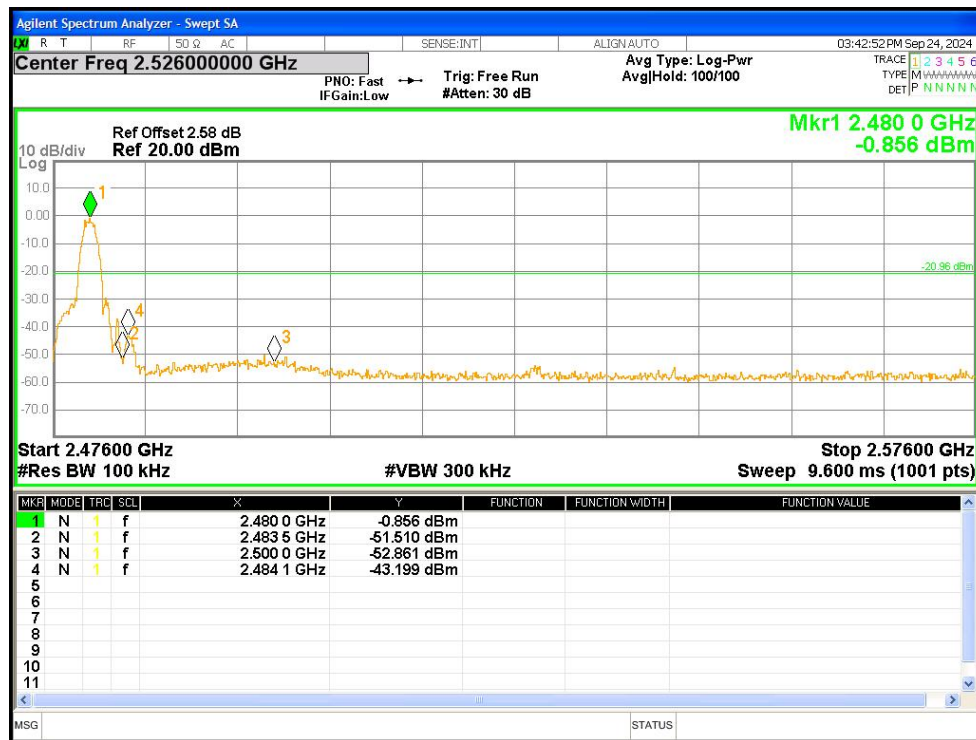
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



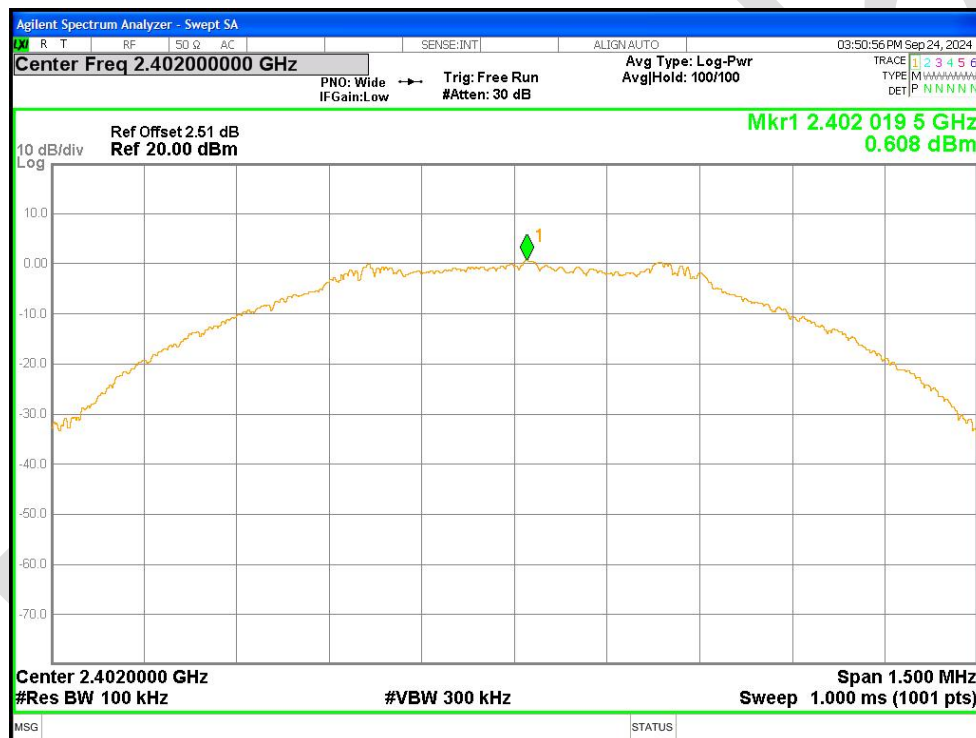
Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



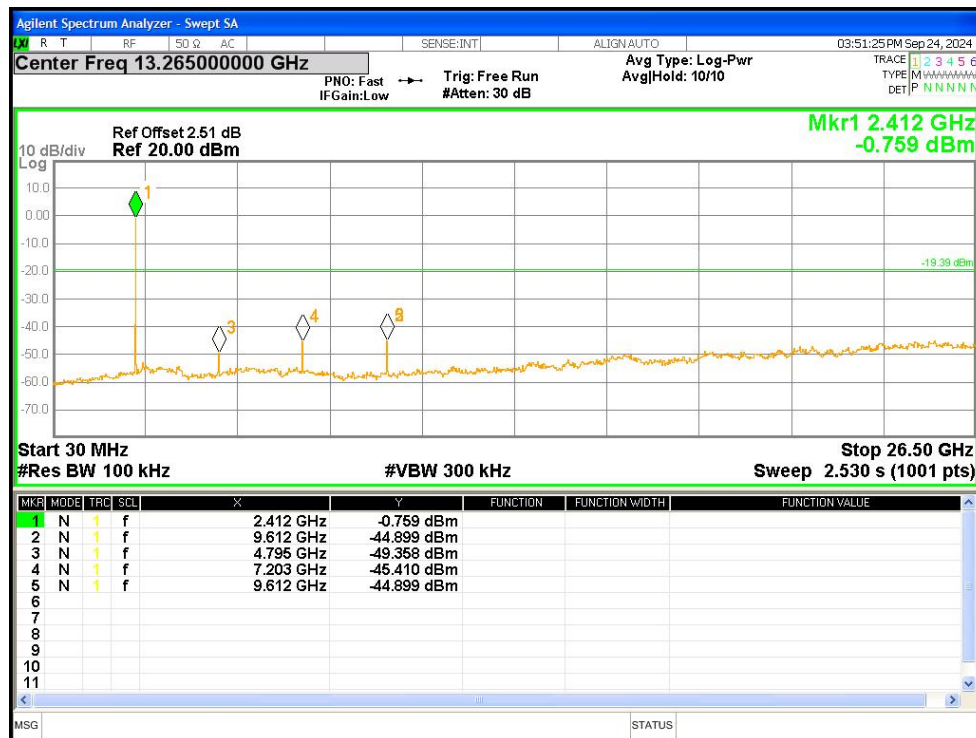
7.2.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.5	-20	Pass
NVNT	BLE 1M	2442	Ant1	-47.48	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.7	-20	Pass
NVNT	BLE 2M	2402	Ant1	-44.81	-20	Pass
NVNT	BLE 2M	2442	Ant1	-46.9	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.06	-20	Pass

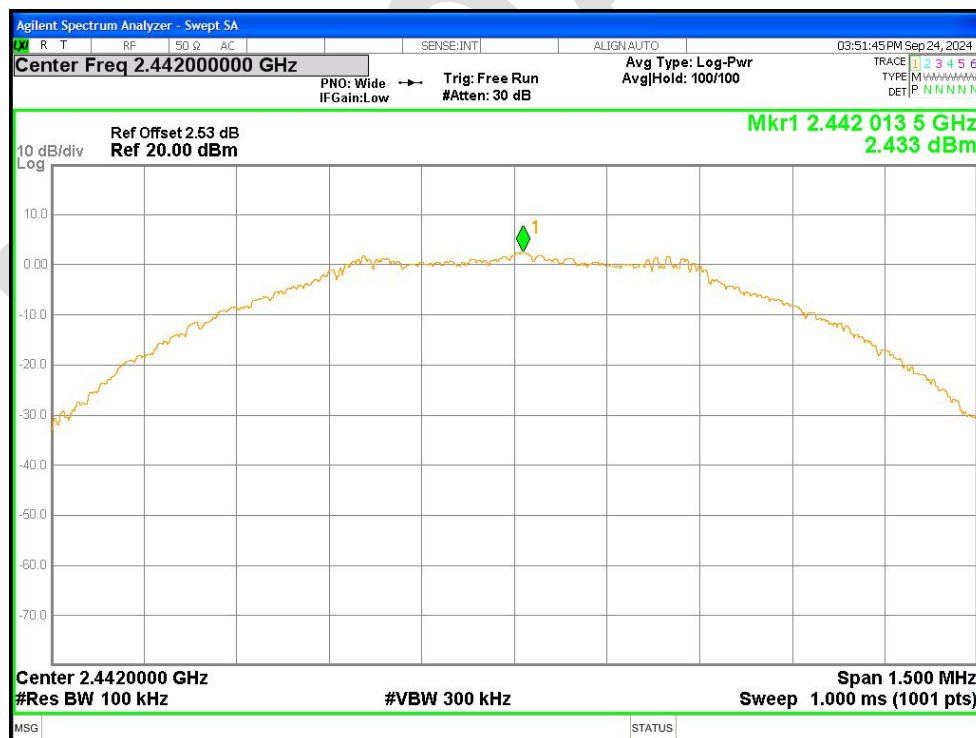
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



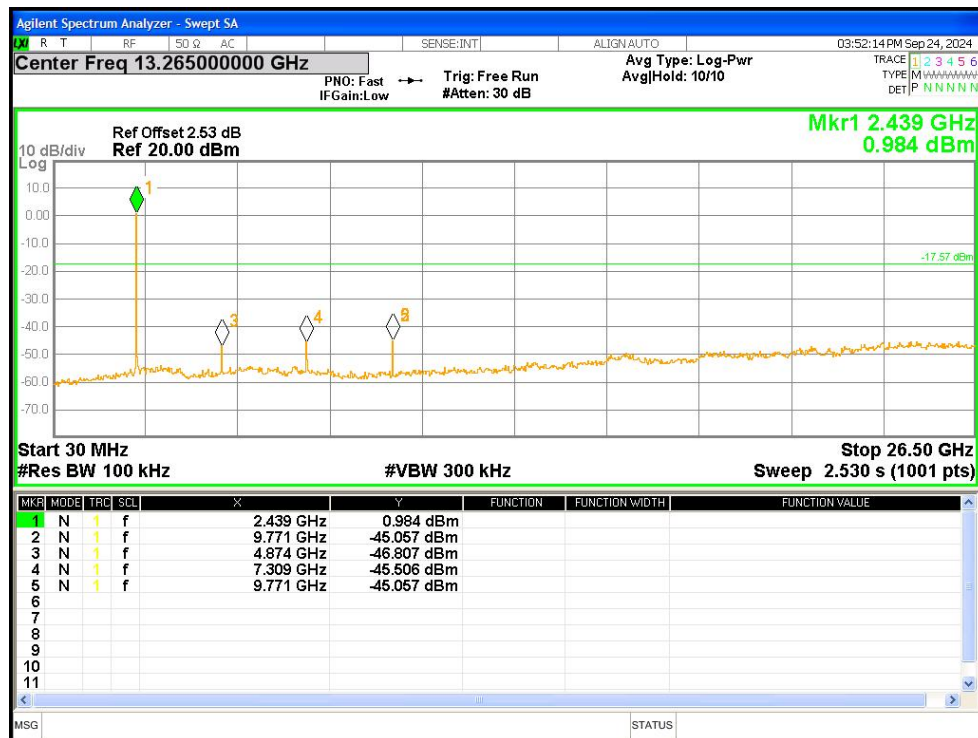
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



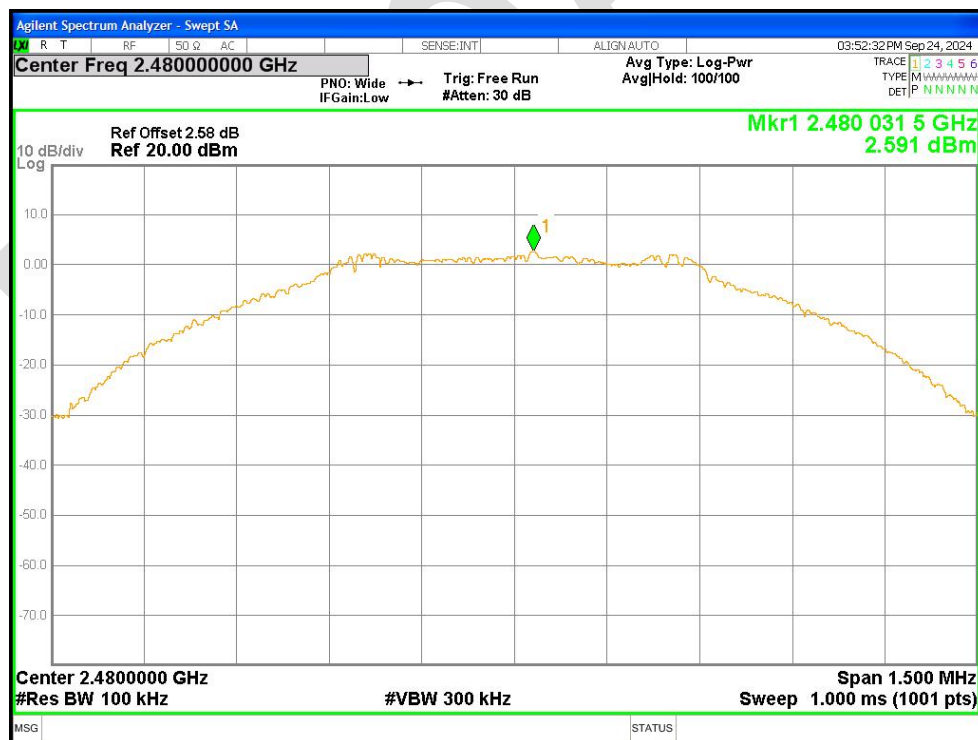
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



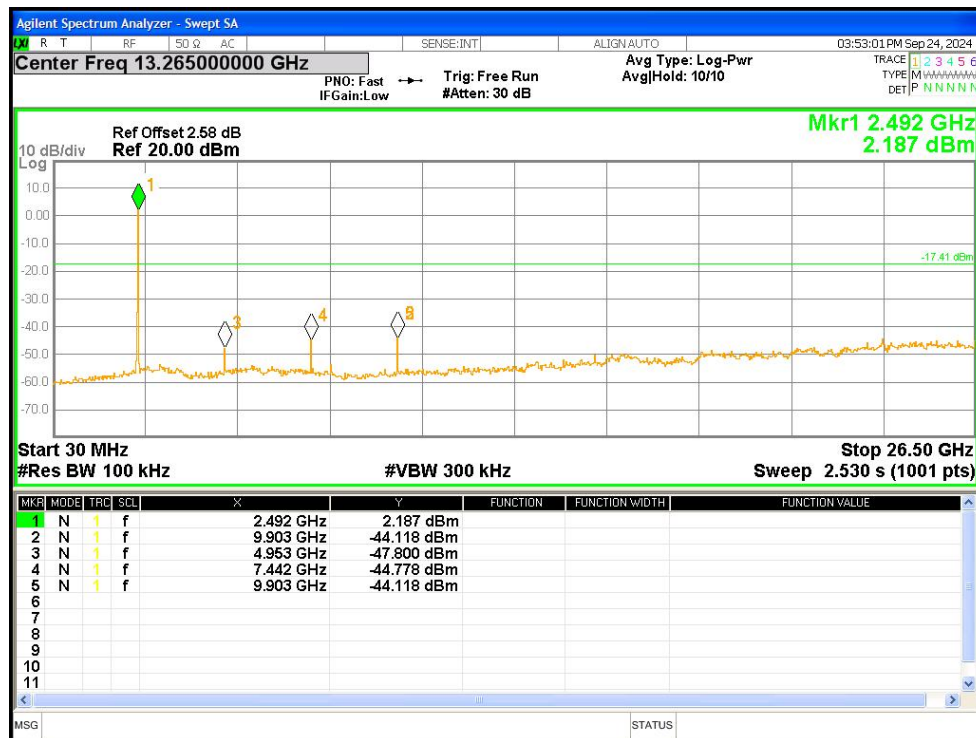
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



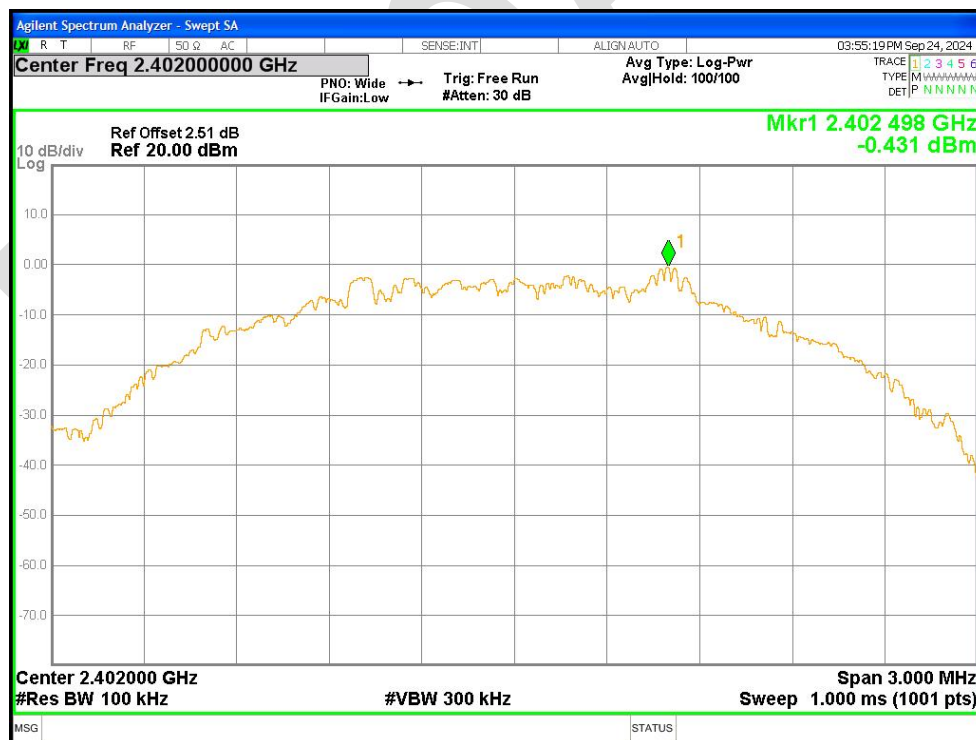
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



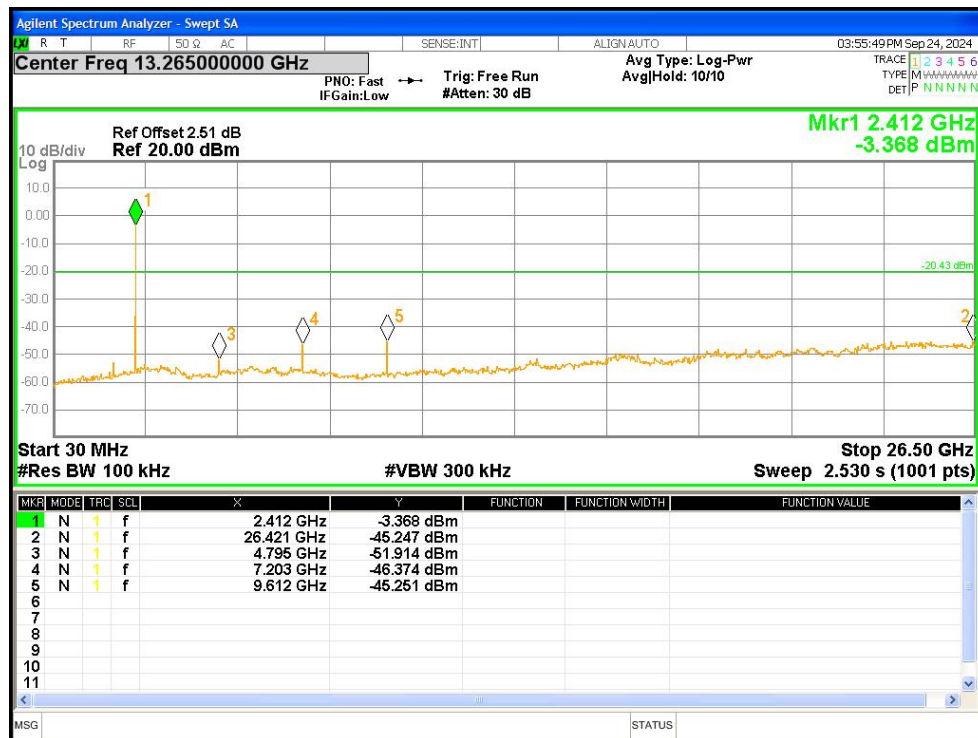
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



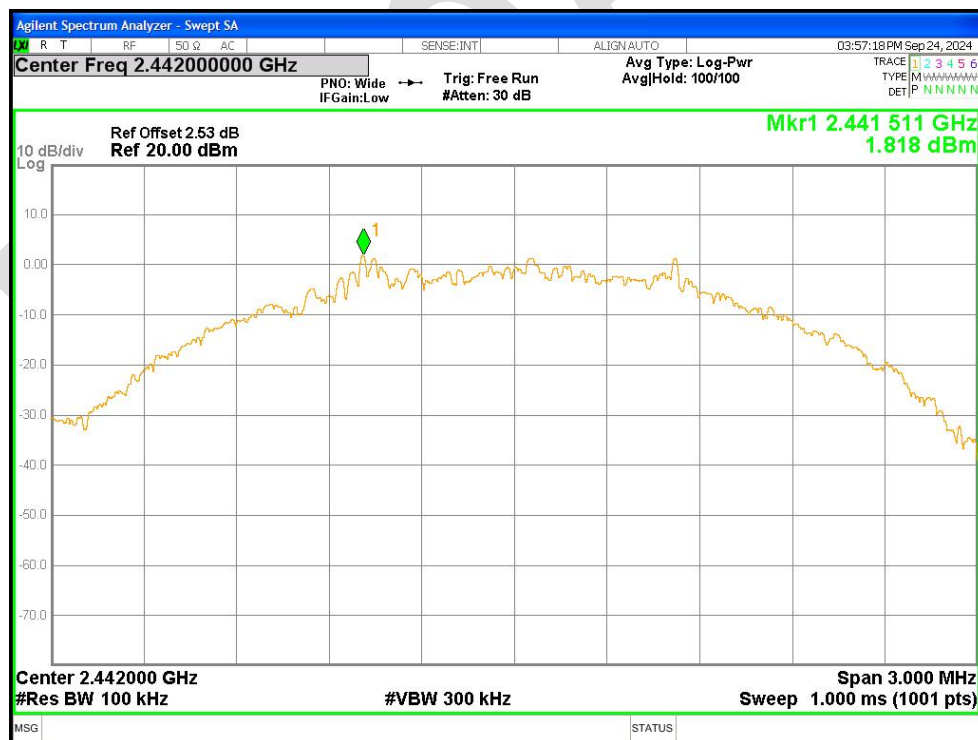
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



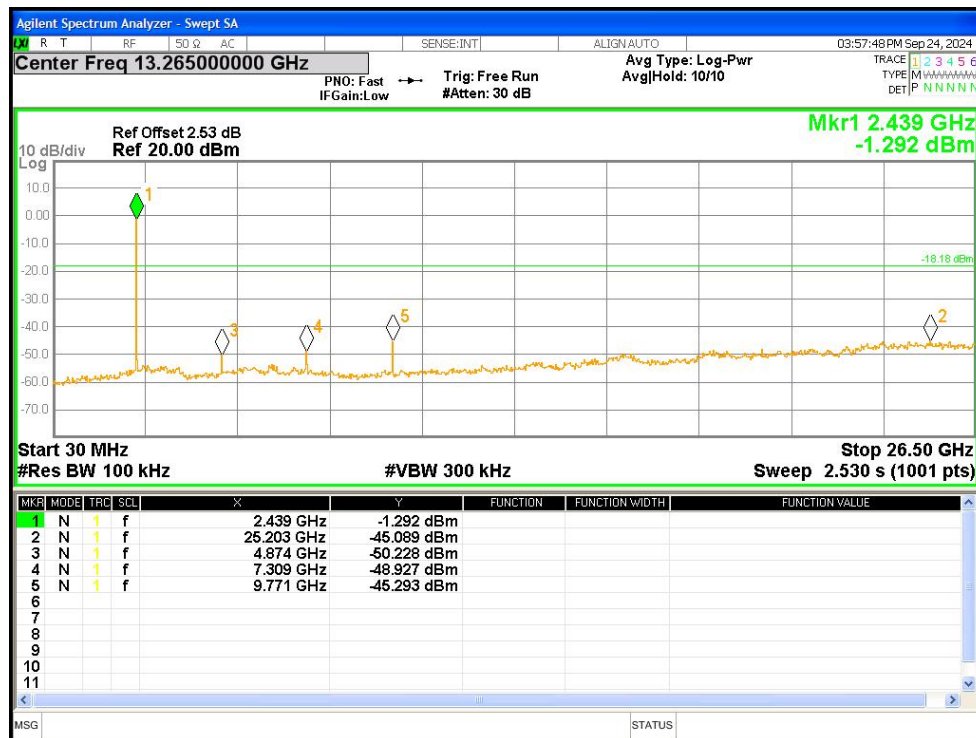
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



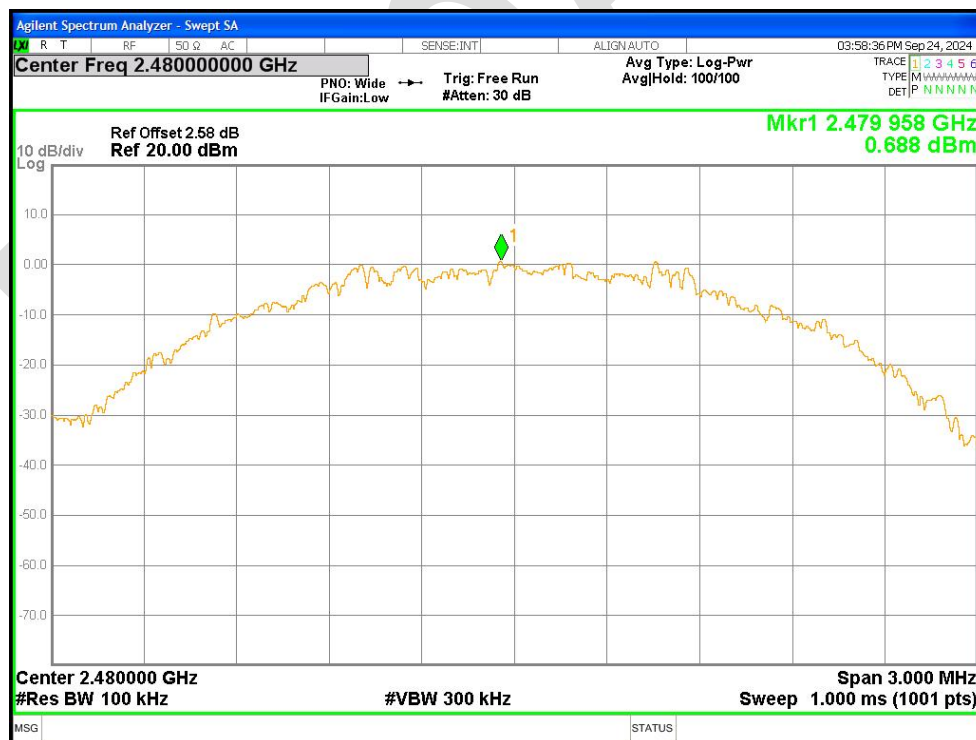
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref



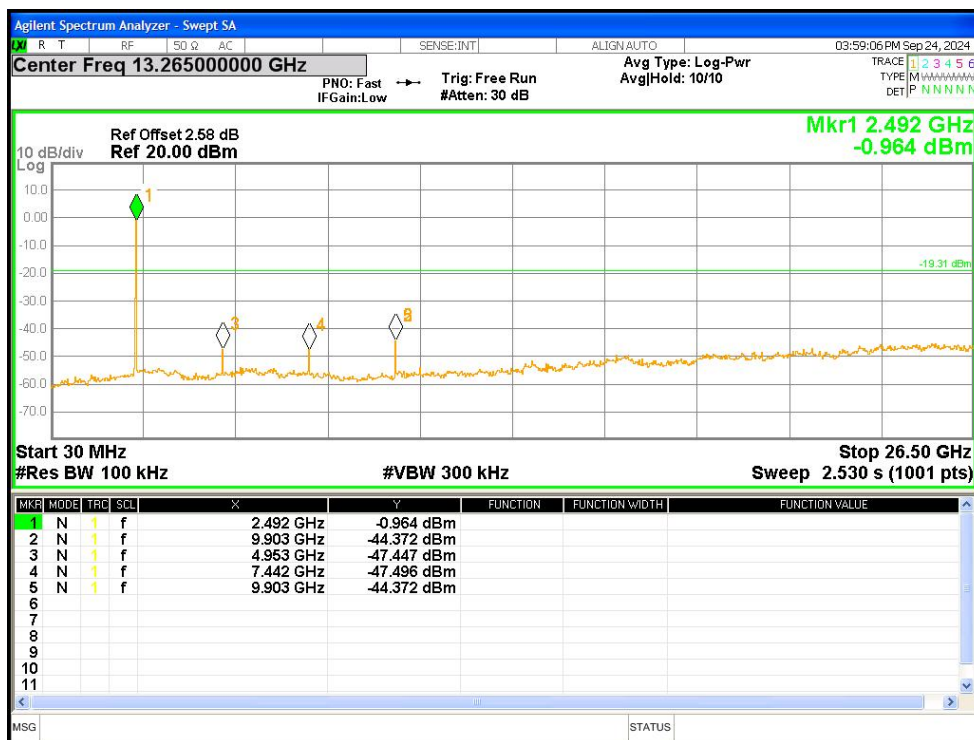
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission

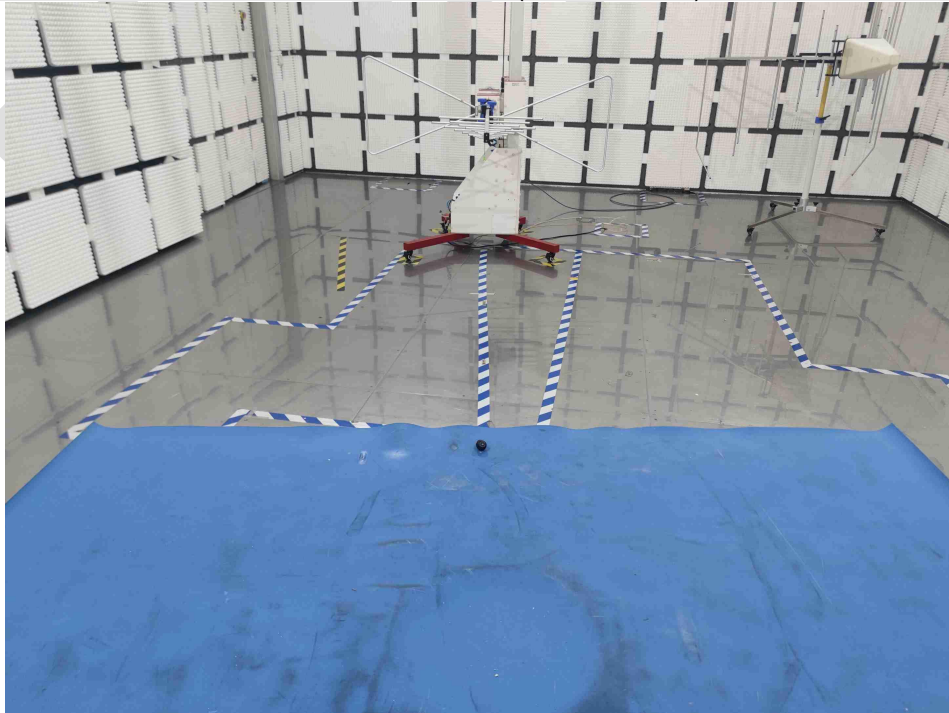


Appendix B: photographs of test setup

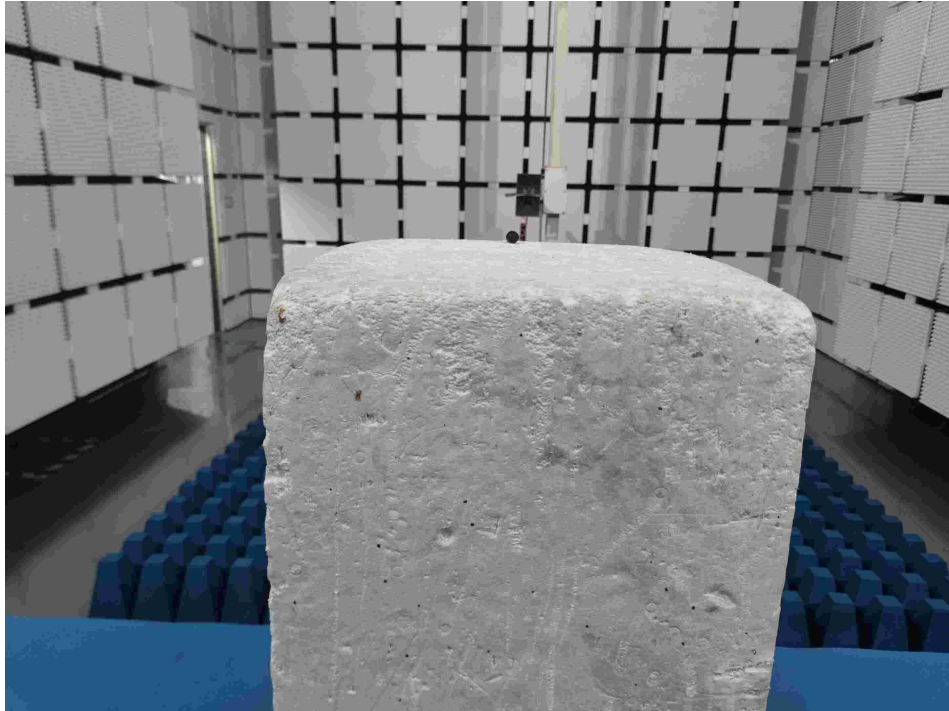
Conducted emissions at AC power line (150kHz-30MHz)



Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)



Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202409-A4201

----END OF REPORT----

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