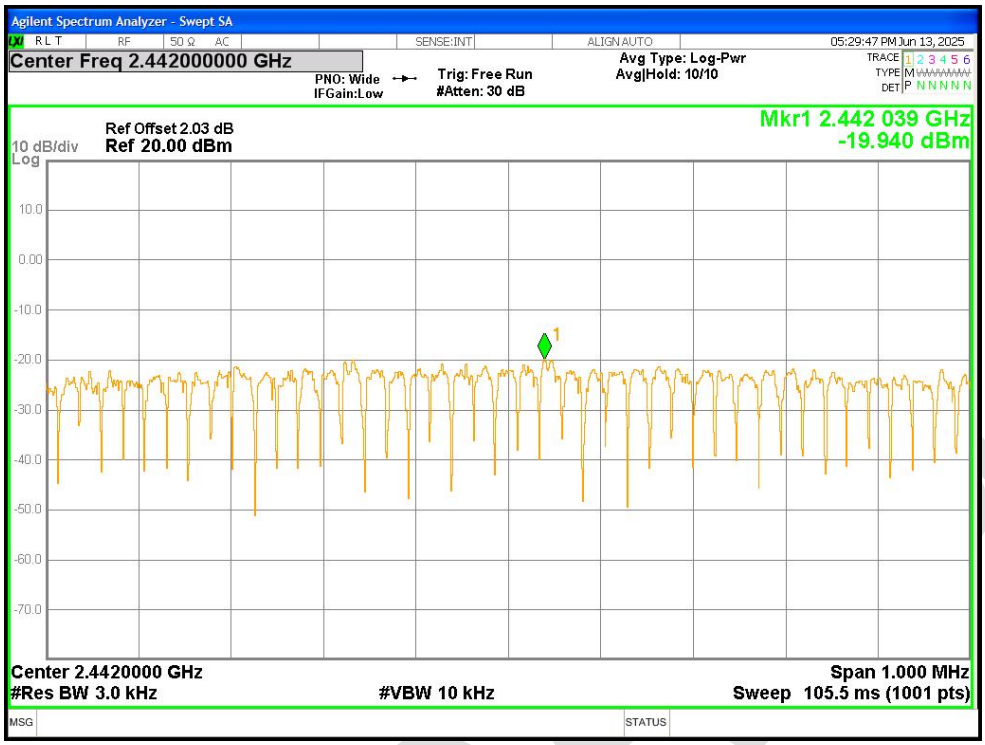
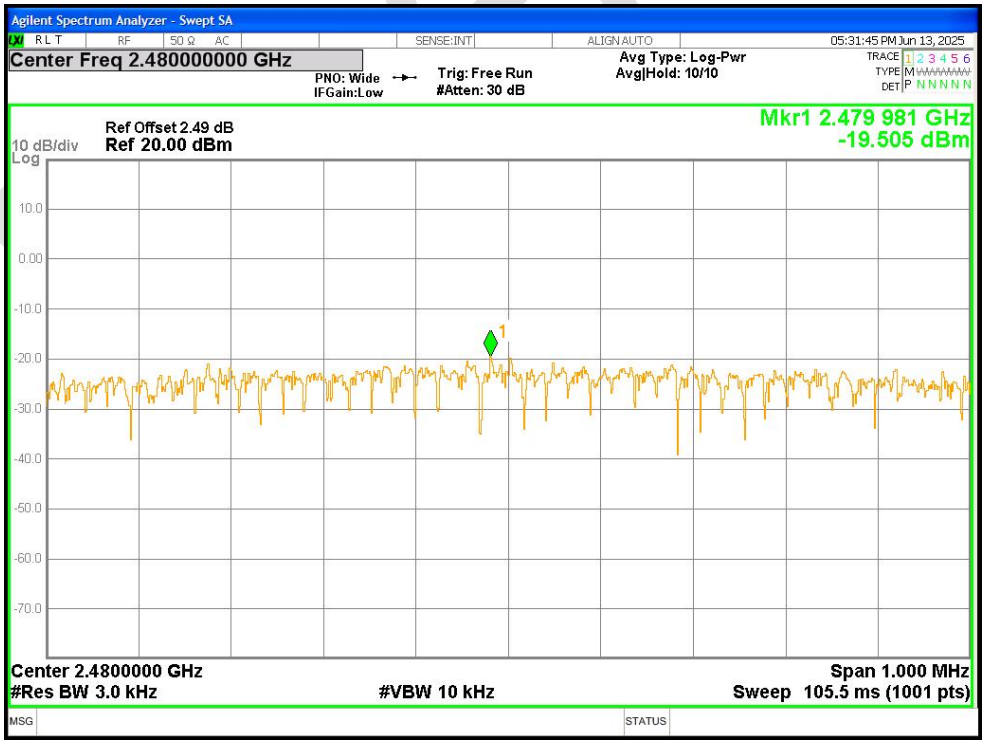
PSD NVNT BLE 2M 2442MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1

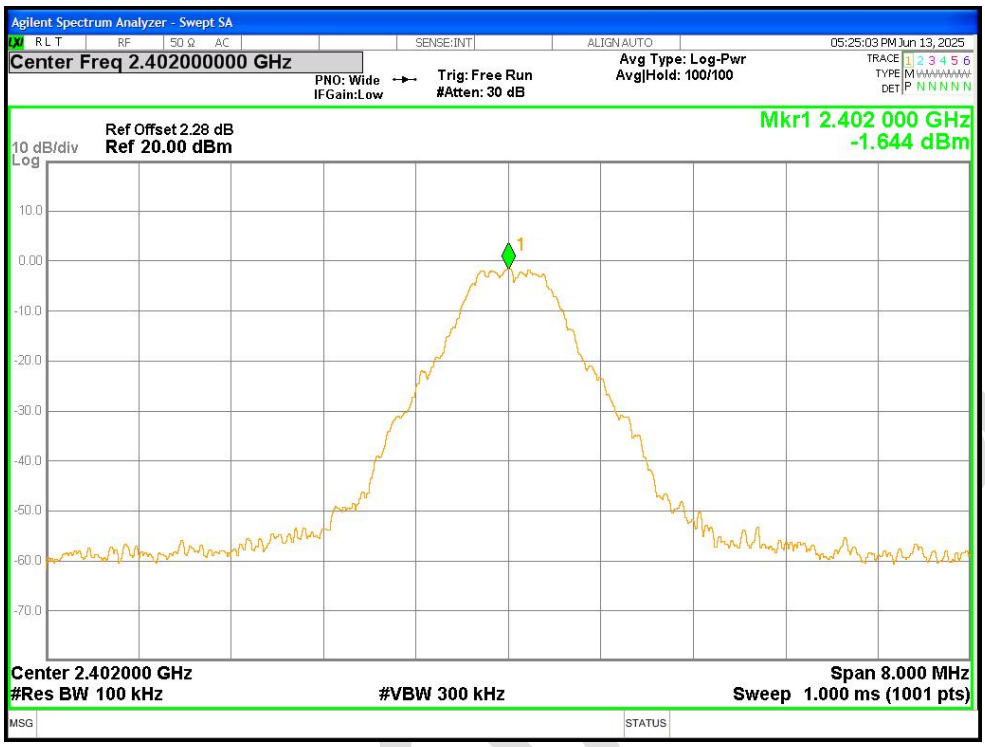


7.6 Band Edge

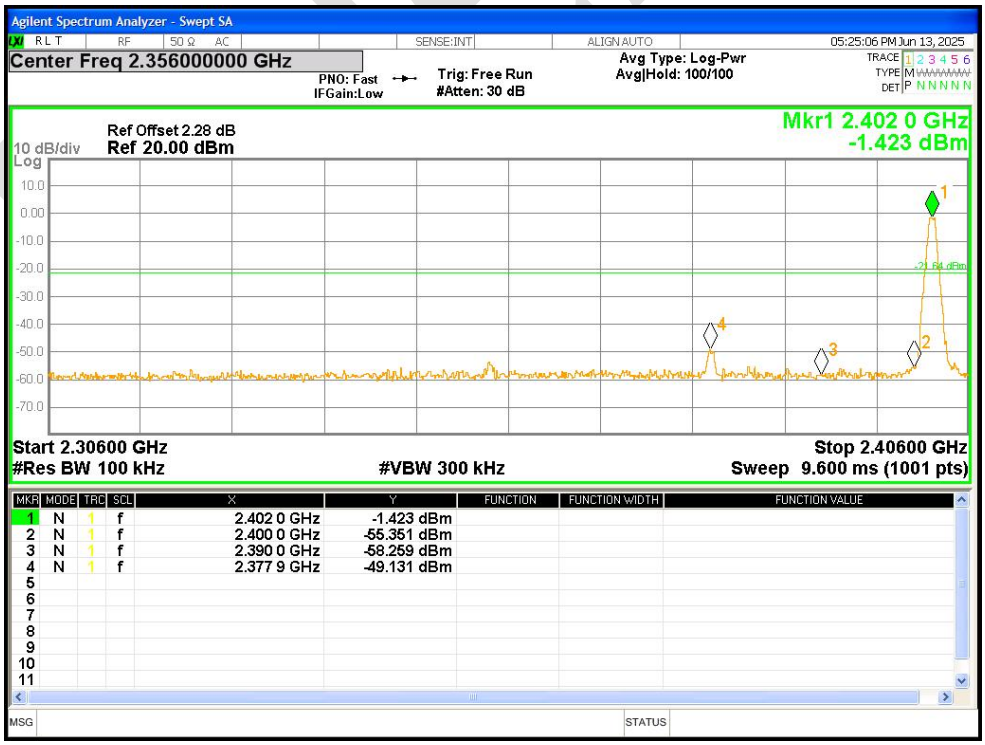
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.49	-20	Pass
NVNT	BLE 1M	2480	Ant1	-53.67	-20	Pass
NVNT	BLE 2M	2402	Ant1	-49.04	-20	Pass
NVNT	BLE 2M	2480	Ant1	-52.47	-20	Pass

BlueAsia

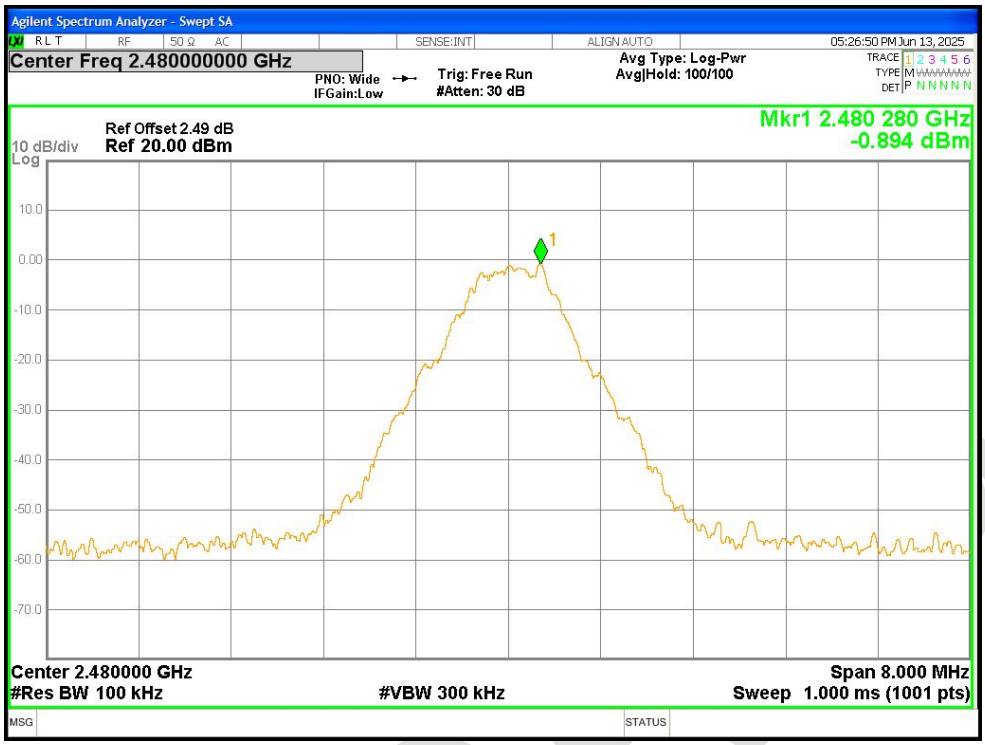
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



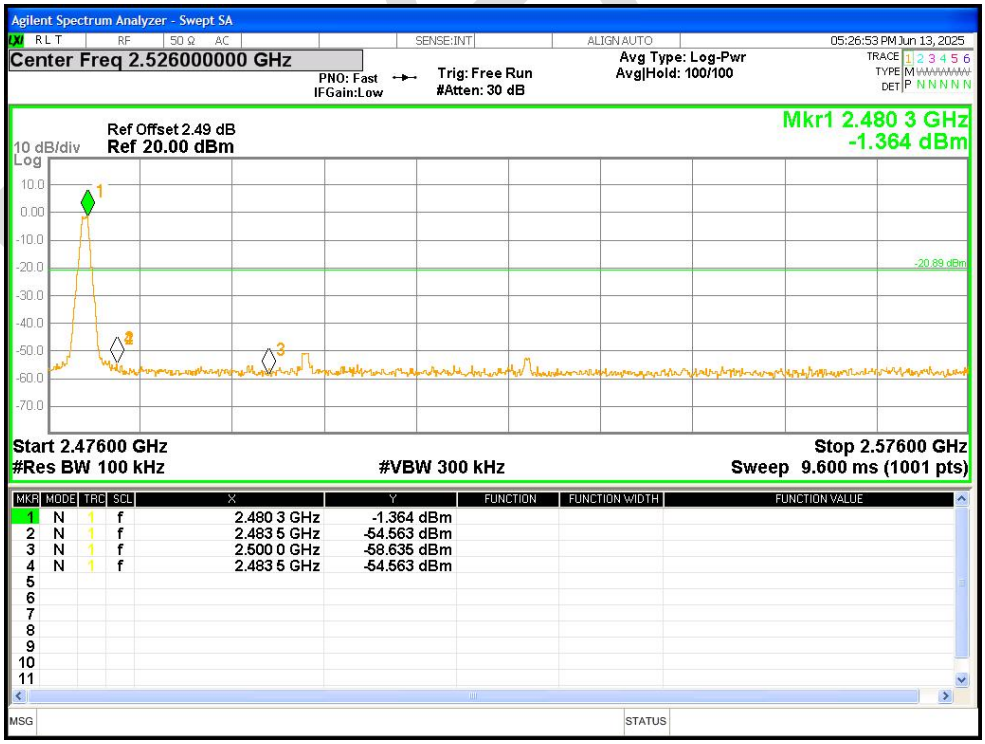
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



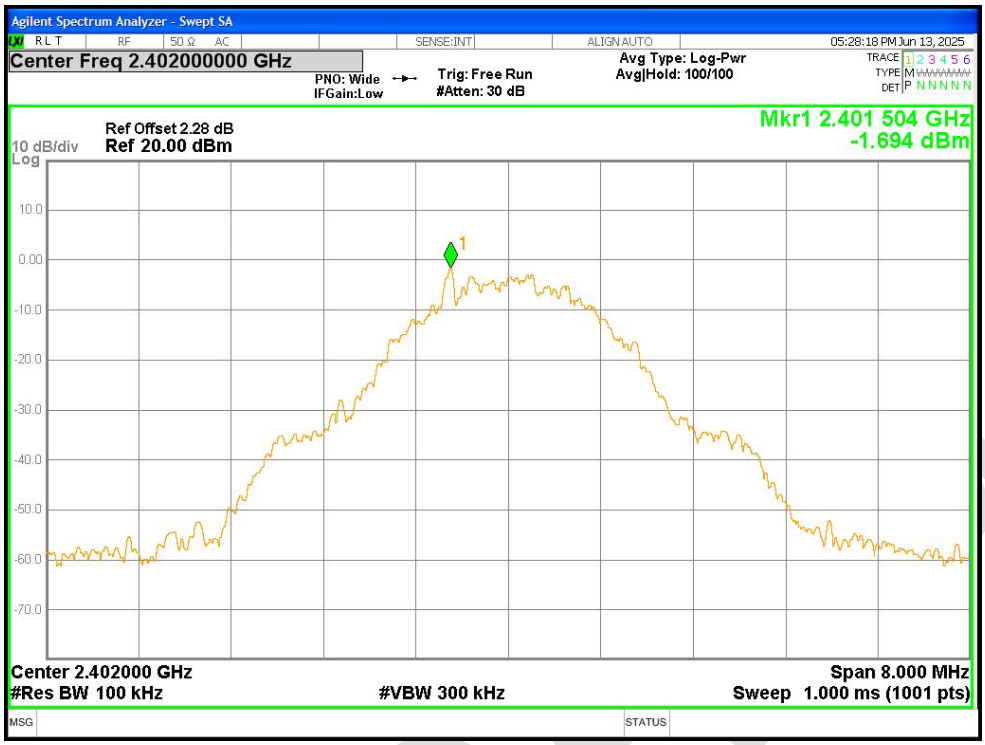
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



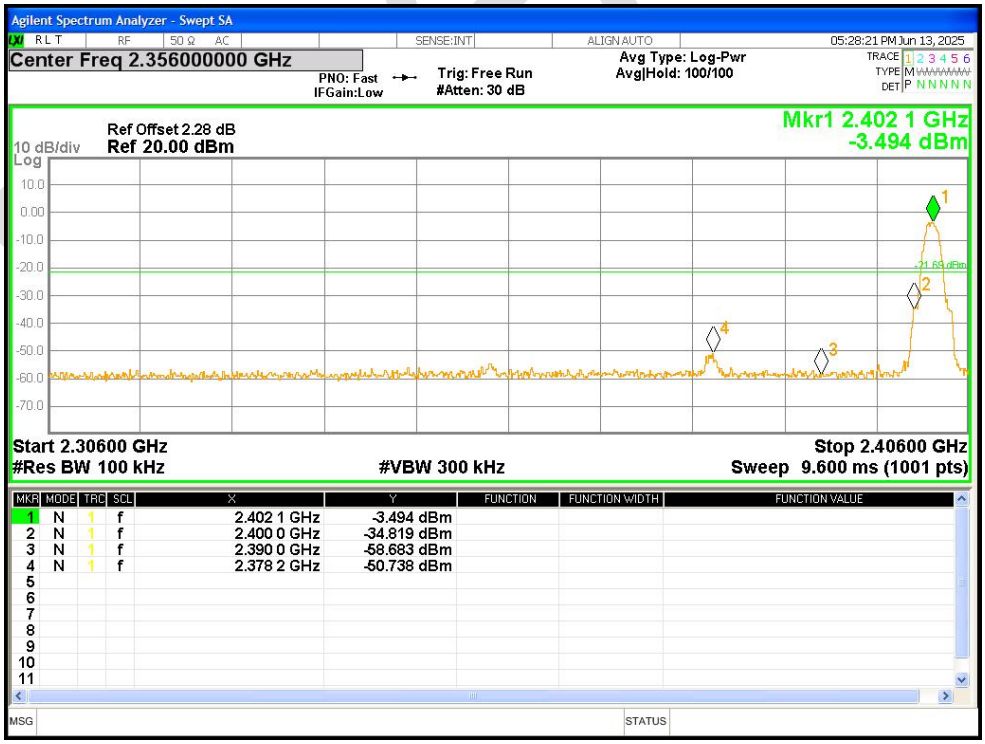
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



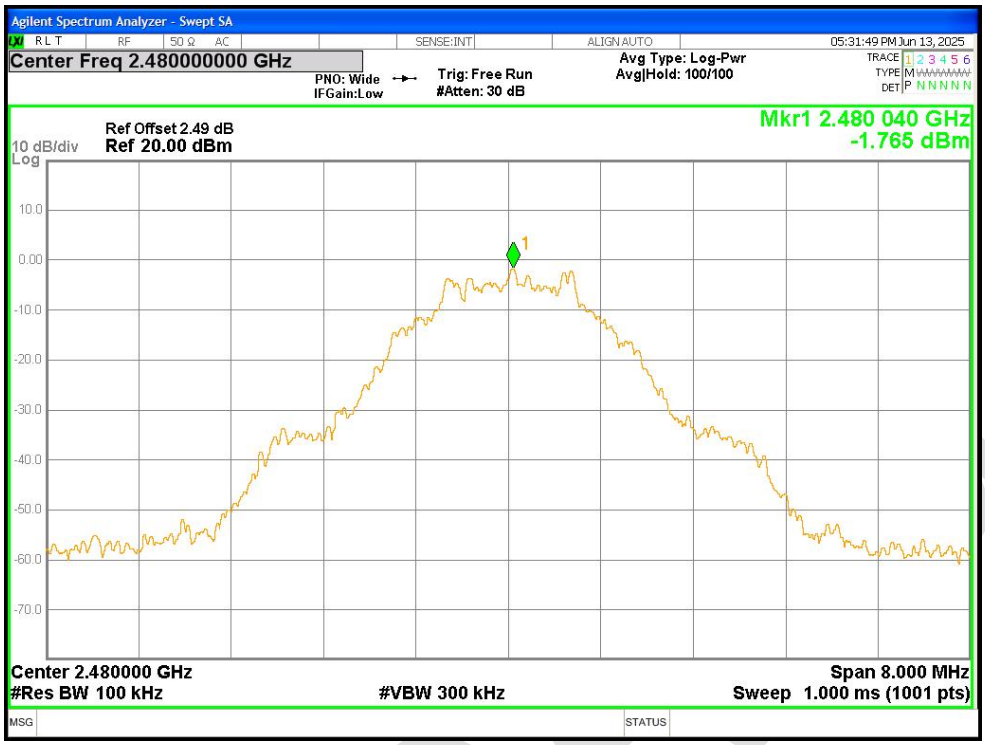
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



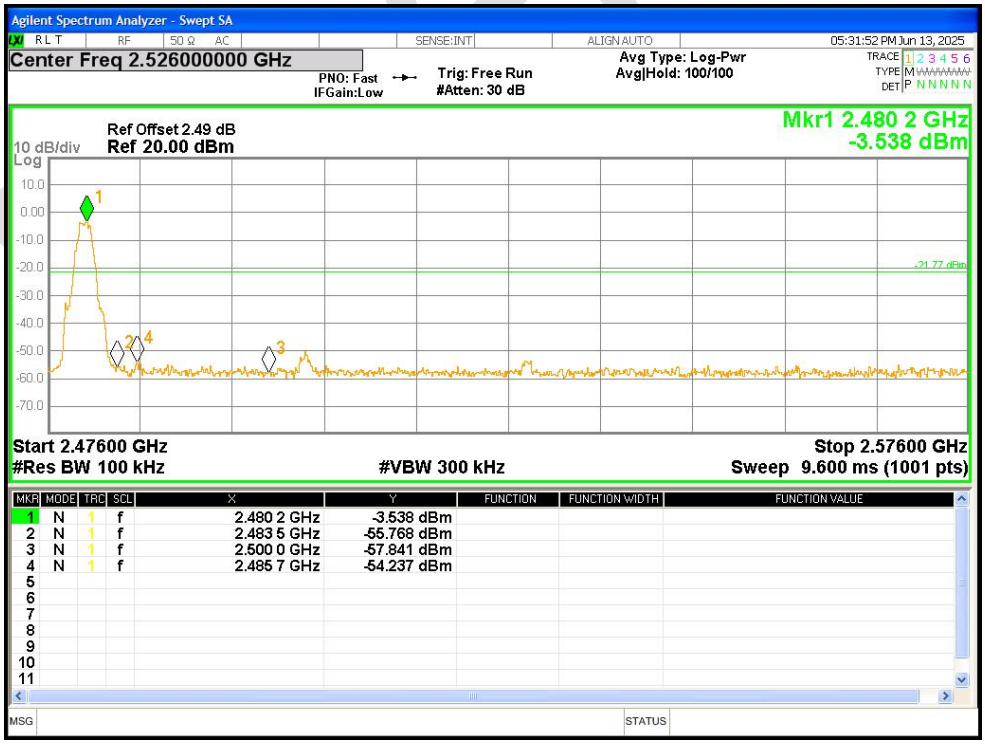
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

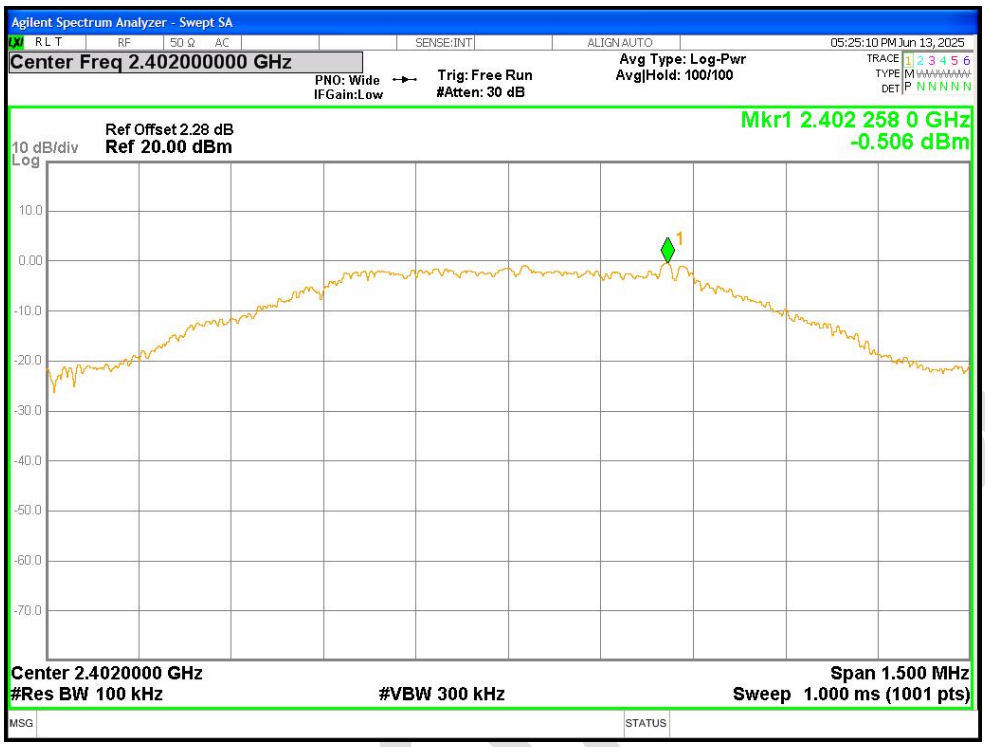


7.7 Conducted RF Spurious Emission

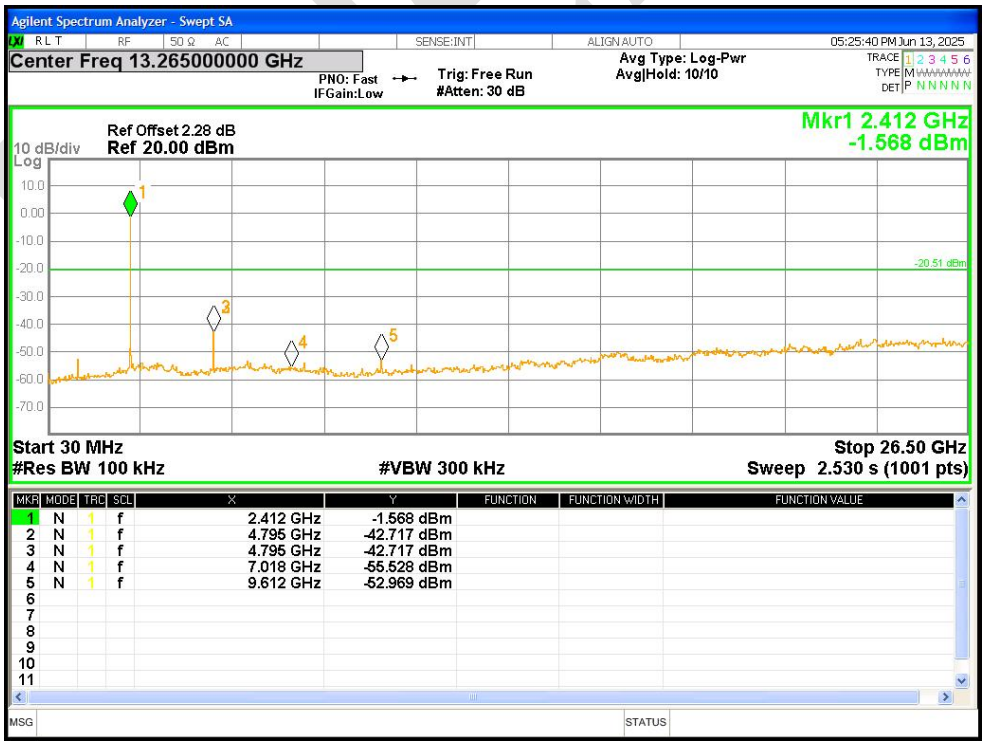
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-42.2	-20	Pass
NVNT	BLE 1M	2442	Ant1	-41.88	-20	Pass
NVNT	BLE 1M	2480	Ant1	-39.75	-20	Pass
NVNT	BLE 2M	2402	Ant1	-42.19	-20	Pass
NVNT	BLE 2M	2442	Ant1	-40.87	-20	Pass
NVNT	BLE 2M	2480	Ant1	-40.02	-20	Pass

BlueAsia

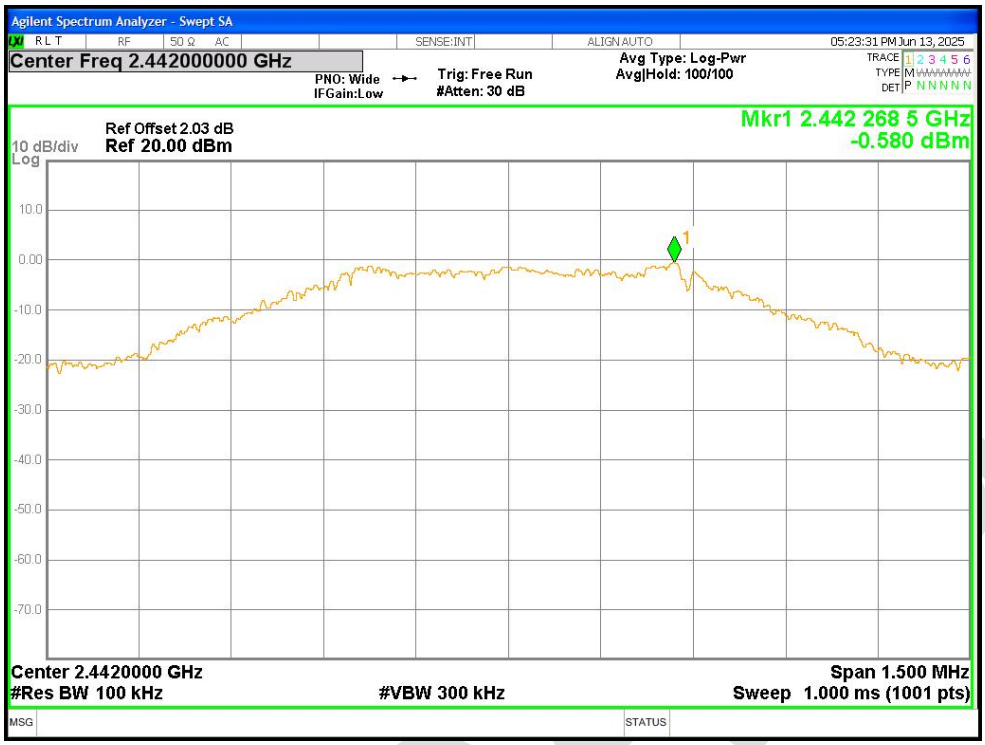
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



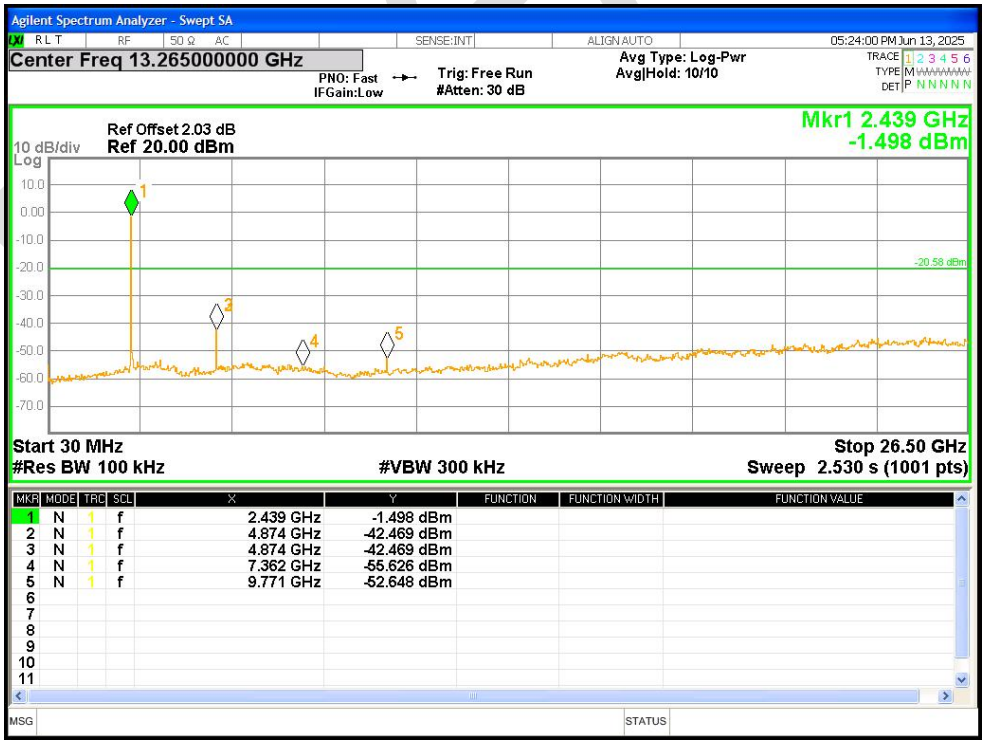
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



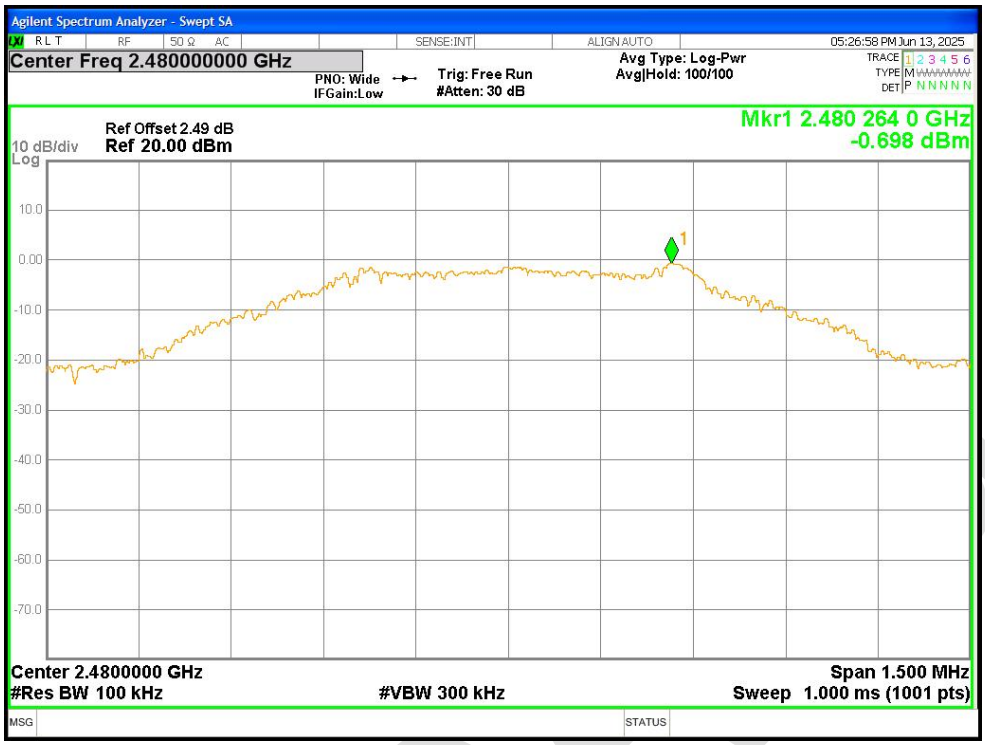
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



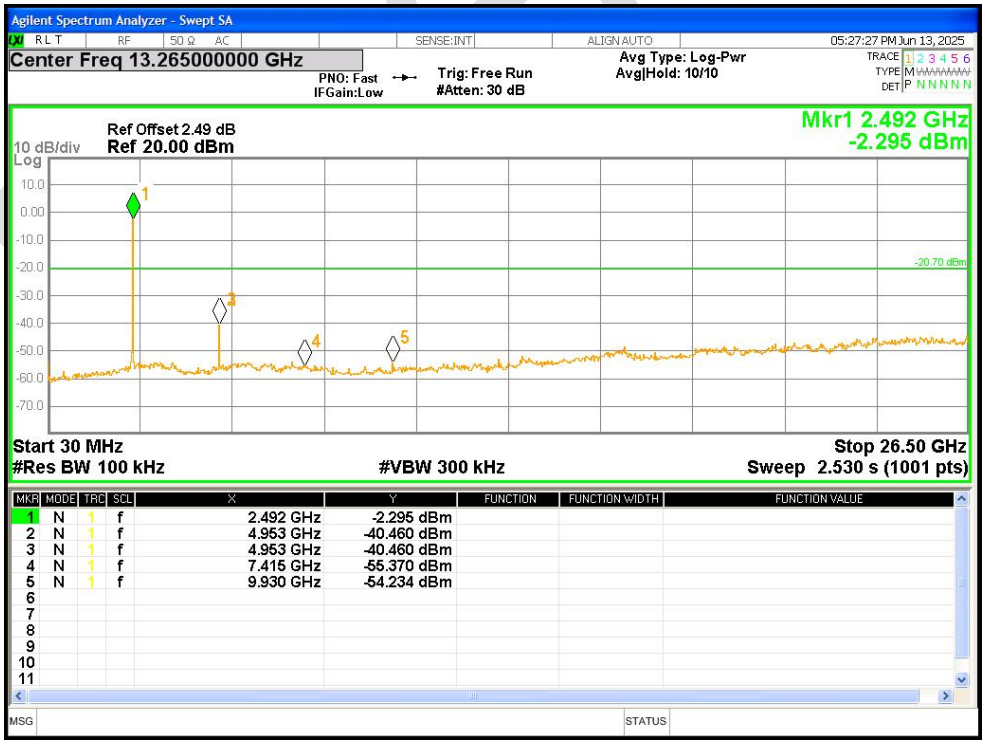
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



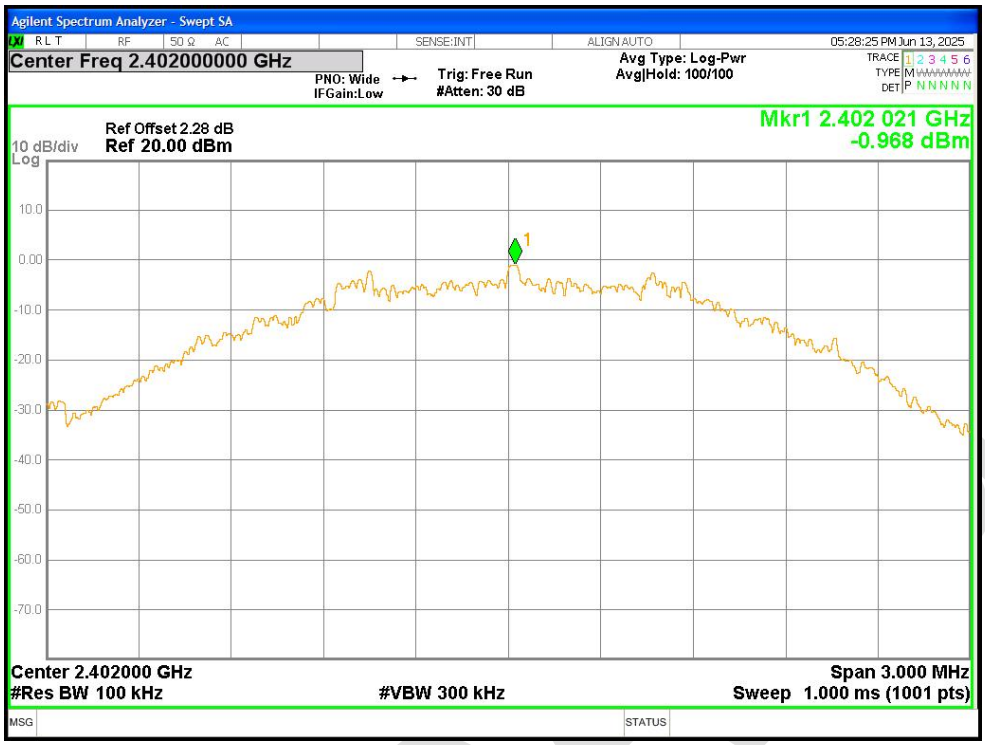
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



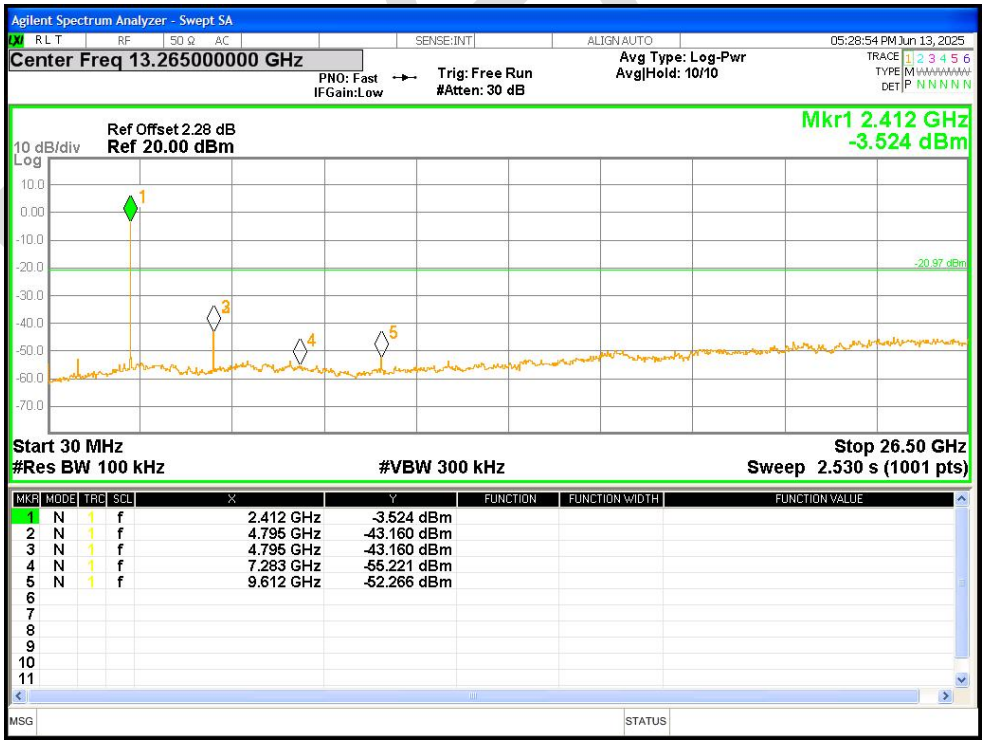
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



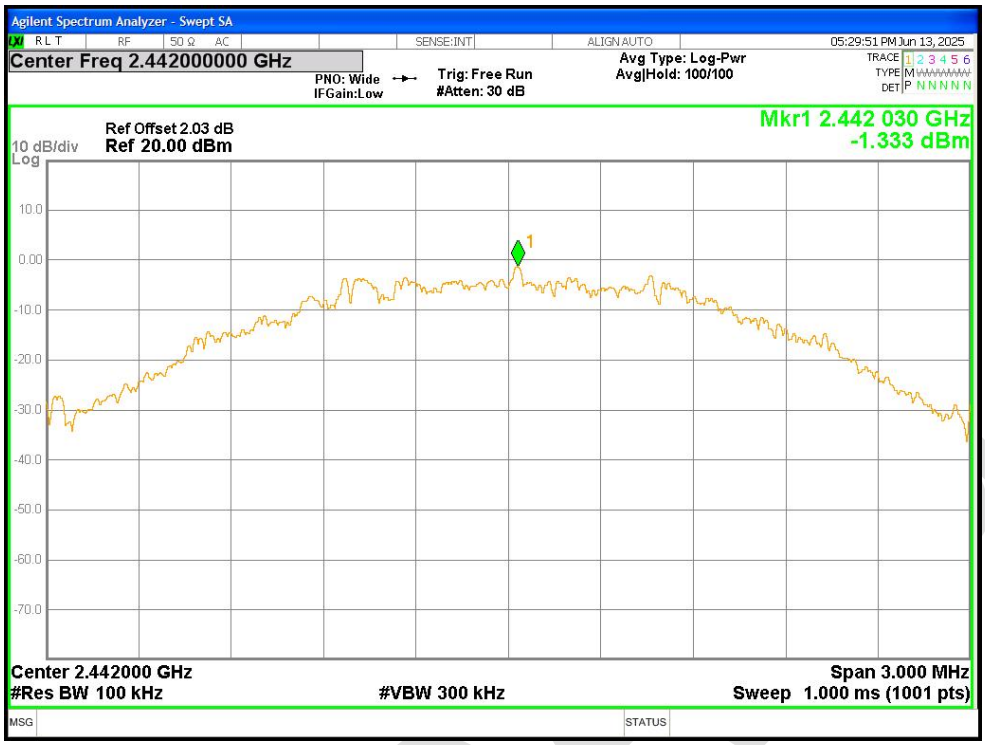
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



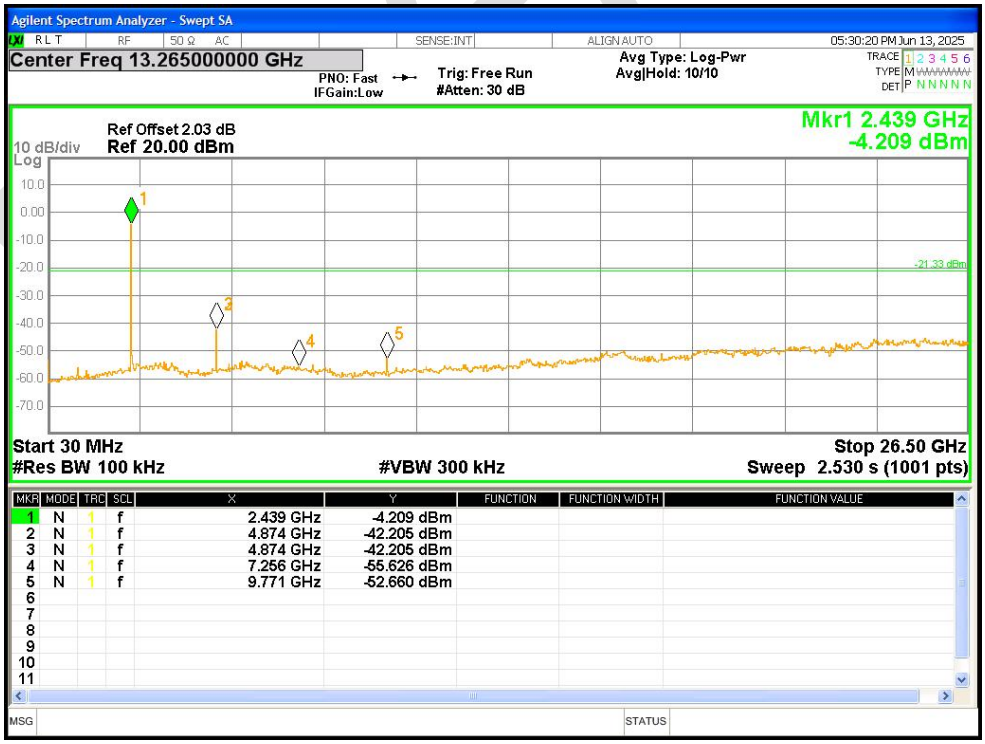
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



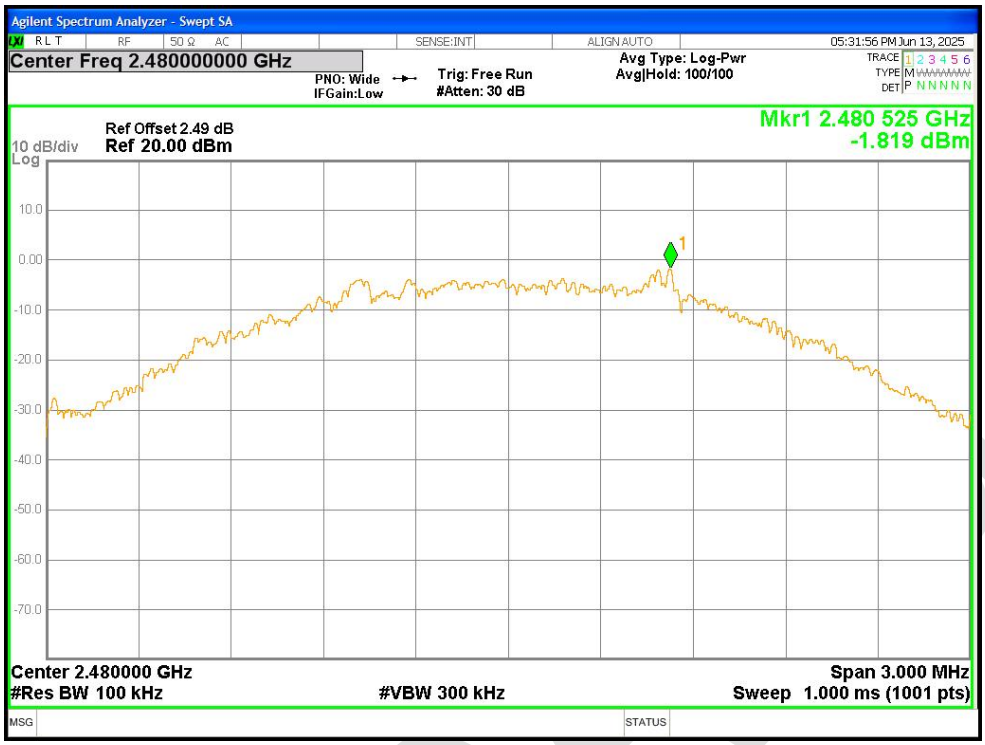
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref



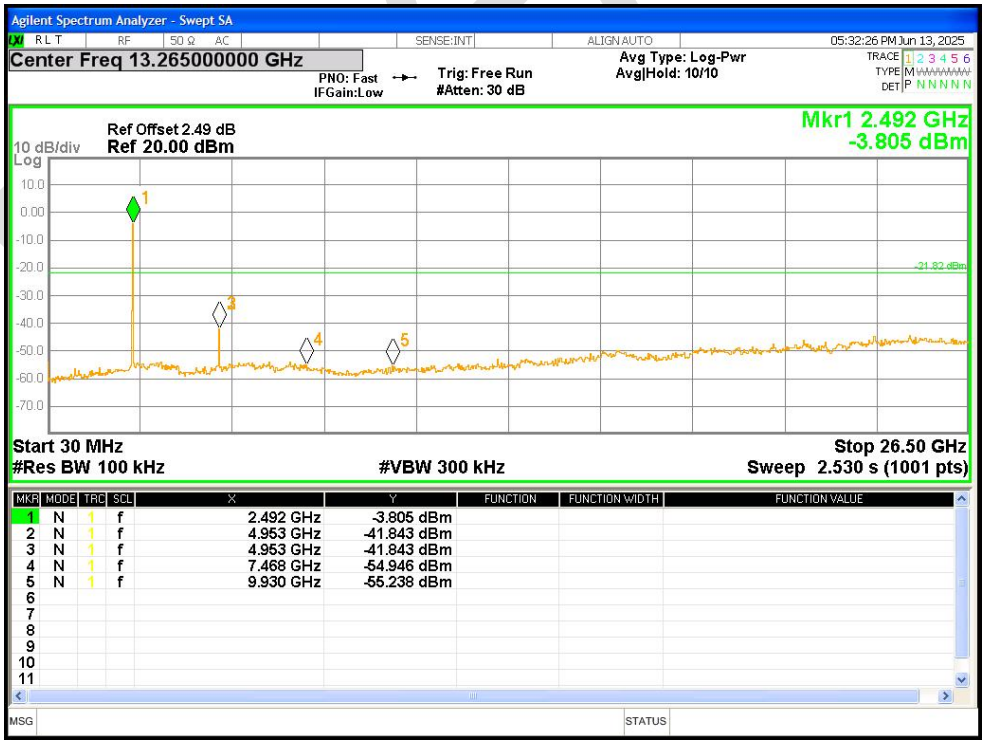
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



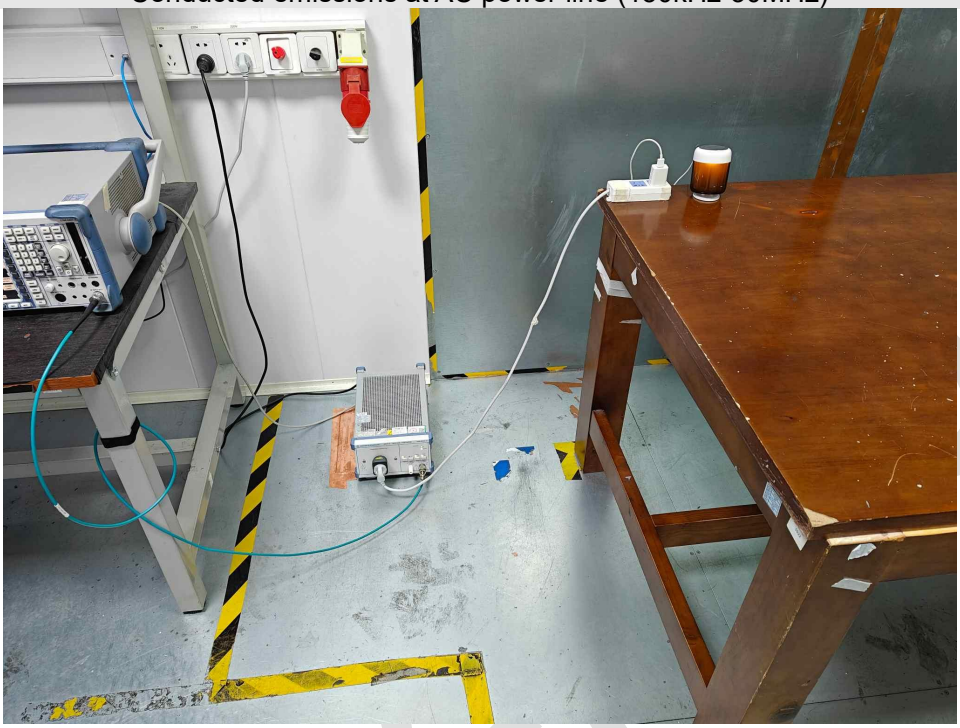
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission



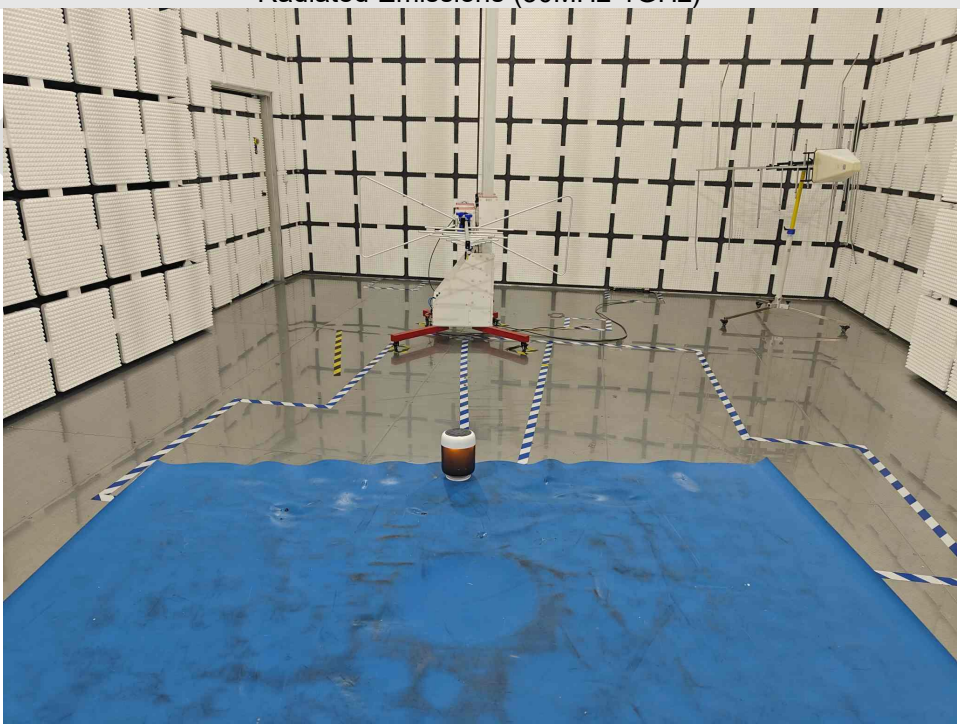
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.492 GHz	-3.805 dBm			
2	N	1	f	4.953 GHz	-41.843 dBm			
3	N	1	f	4.953 GHz	-41.843 dBm			
4	N	1	f	7.468 GHz	-54.946 dBm			
5	N	1	f	9.930 GHz	-55.238 dBm			
6								
7								
8								
9								
10								
11								

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-202506-A4401

----END OF REPORT----

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