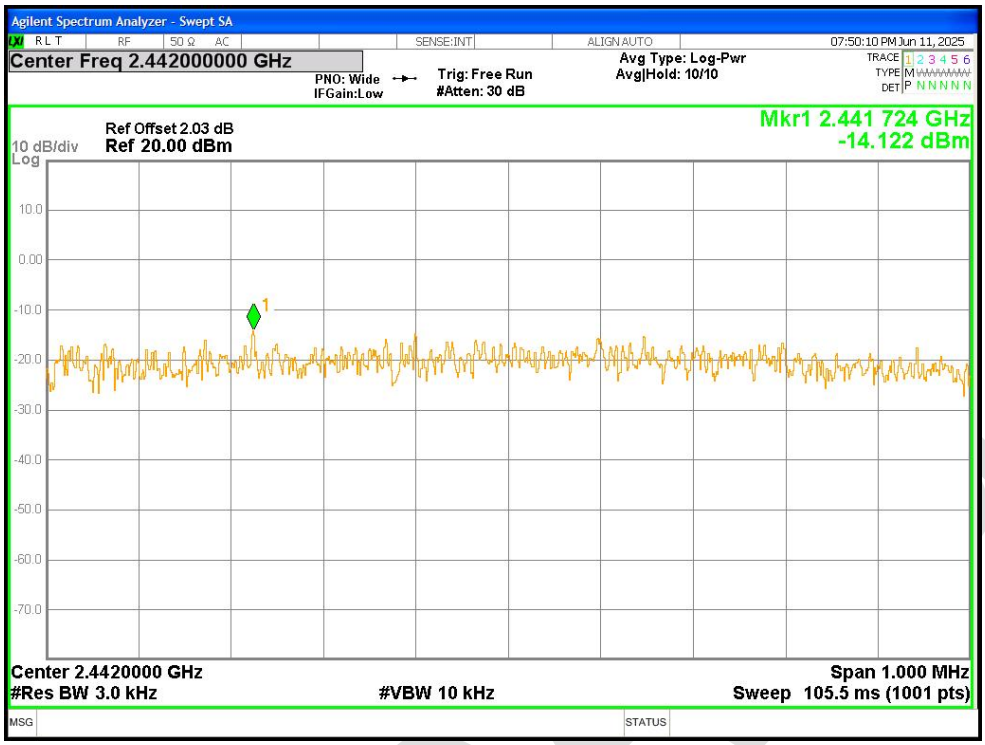
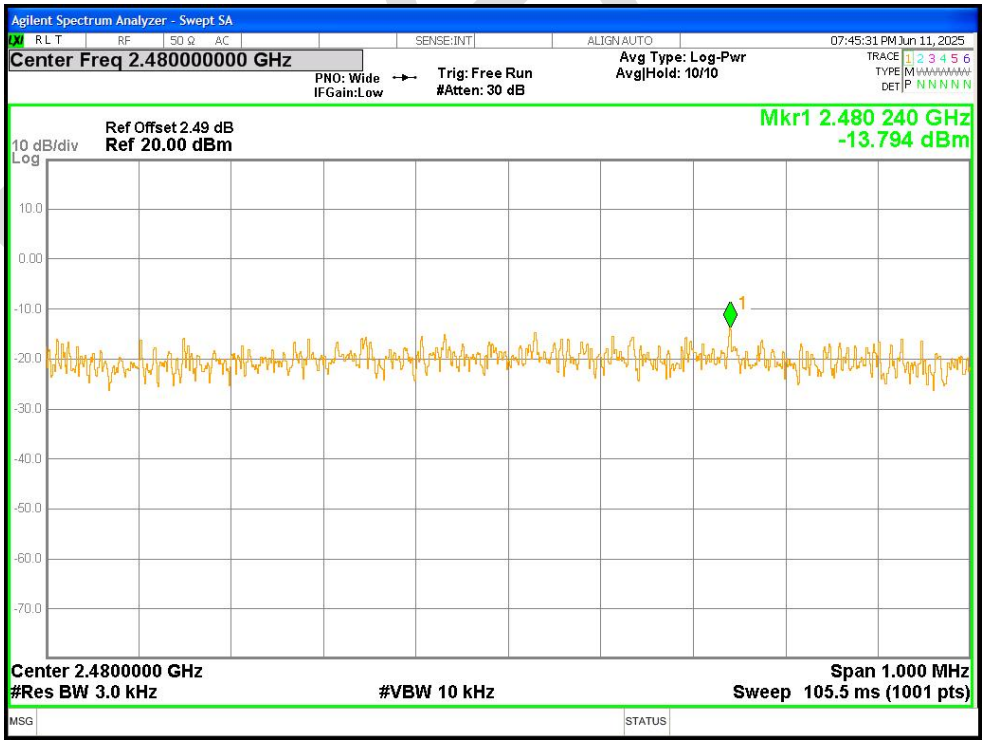
PSD NVNT BLE 2M 2442MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1

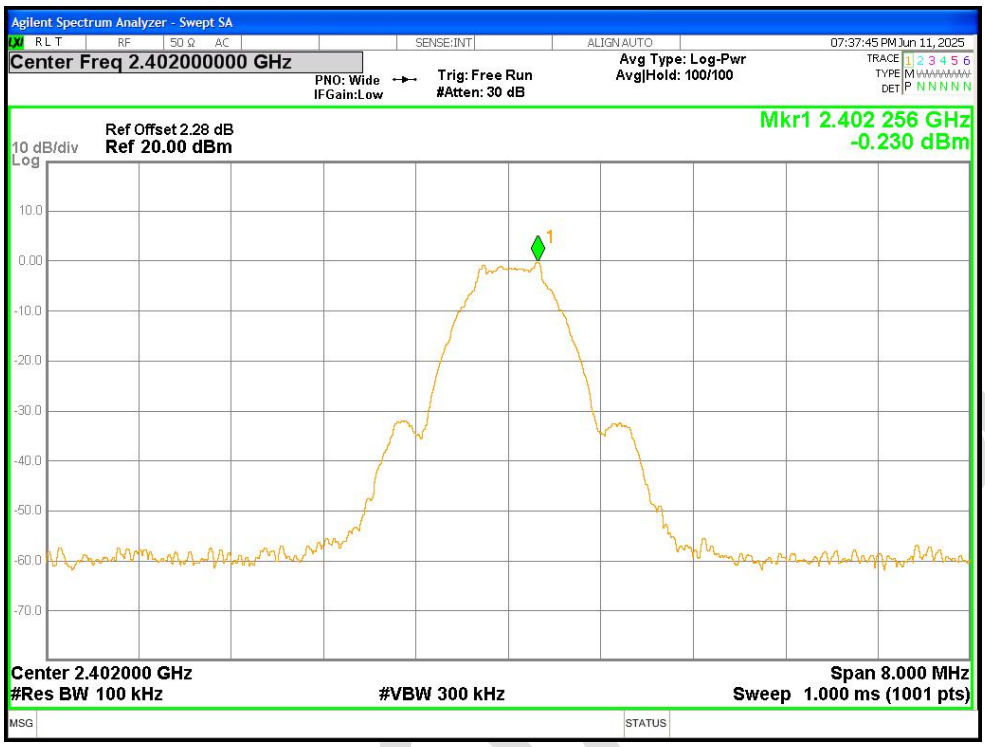


7.6 Band Edge

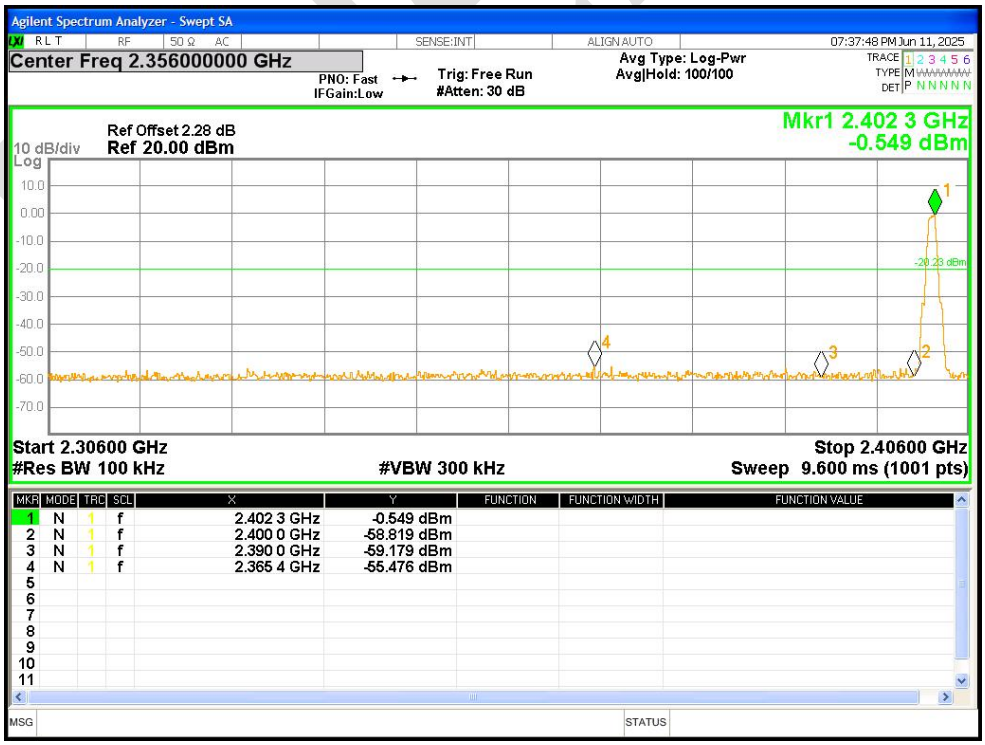
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-55.24	-20	Pass
NVNT	BLE 1M	2480	Ant1	-55.19	-20	Pass
NVNT	BLE 2M	2402	Ant1	-53.44	-20	Pass
NVNT	BLE 2M	2480	Ant1	-52.24	-20	Pass

BlueAsia

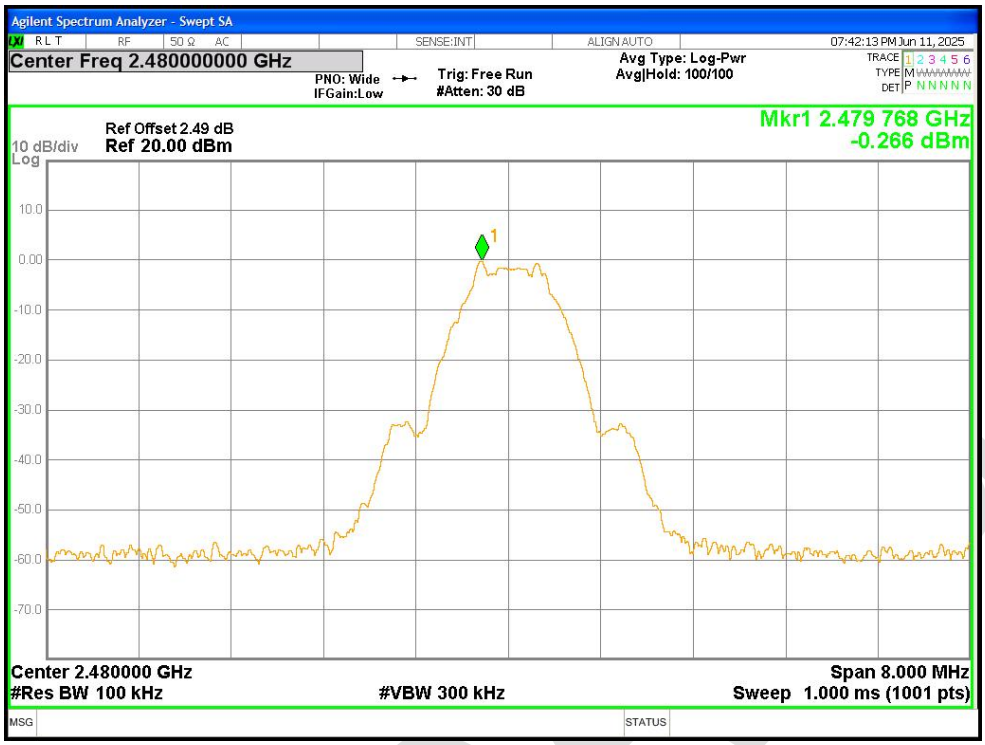
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



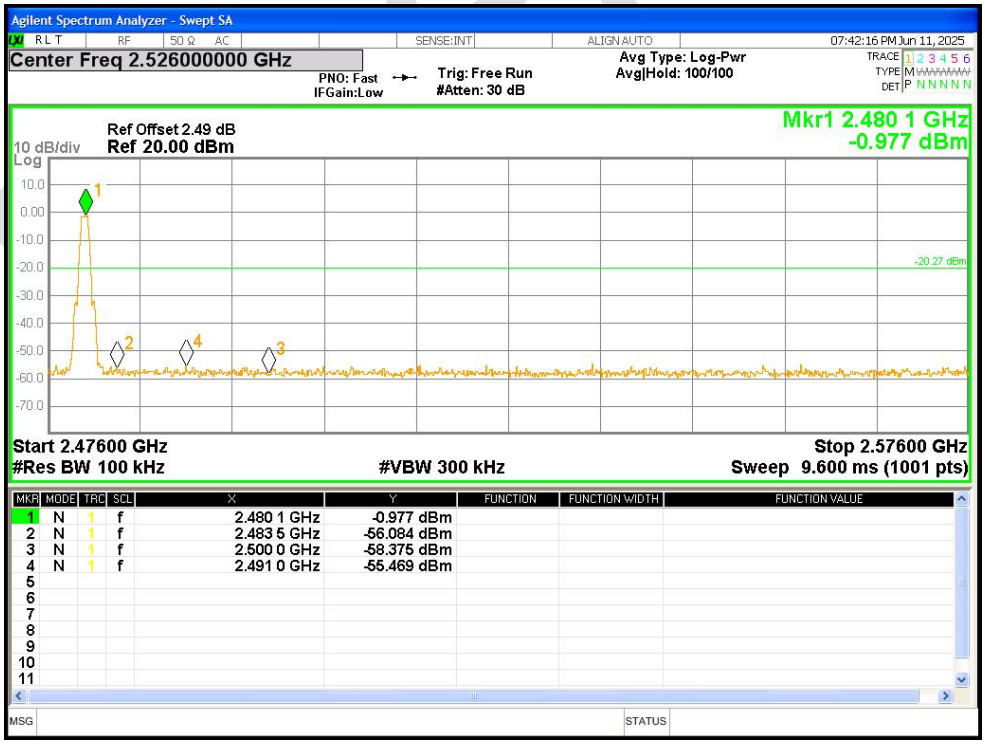
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



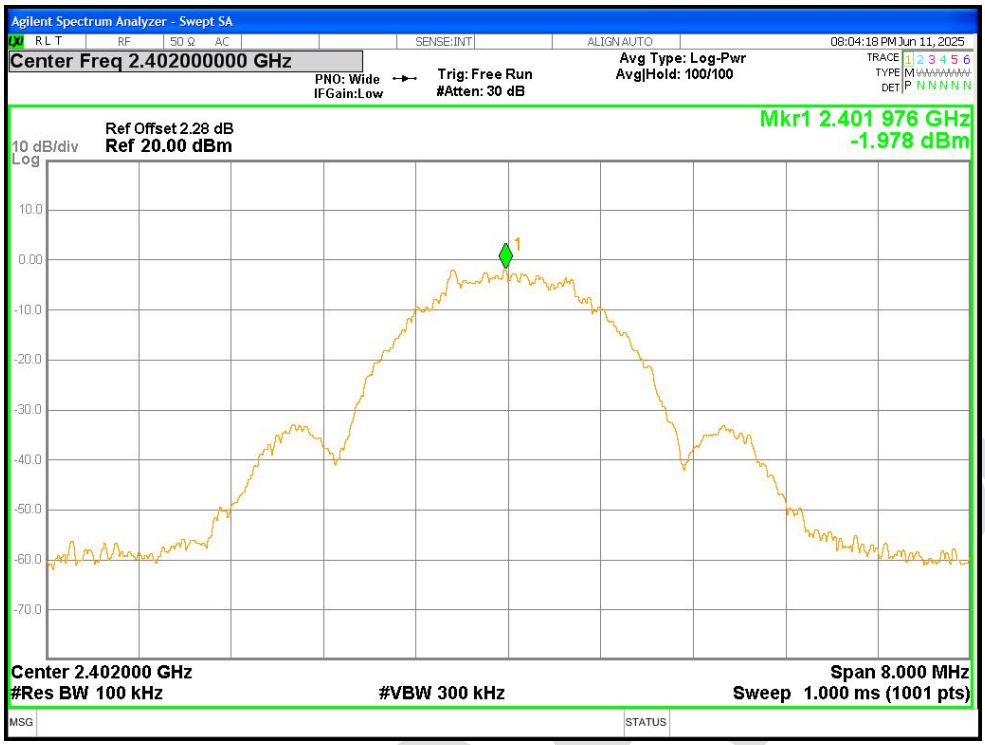
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



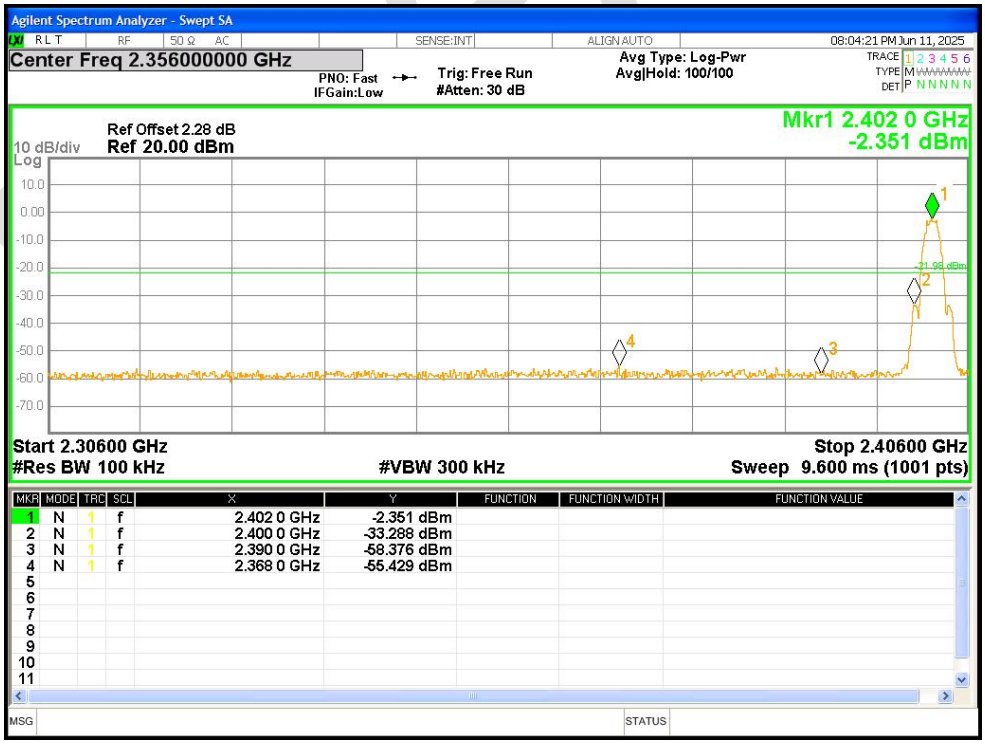
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



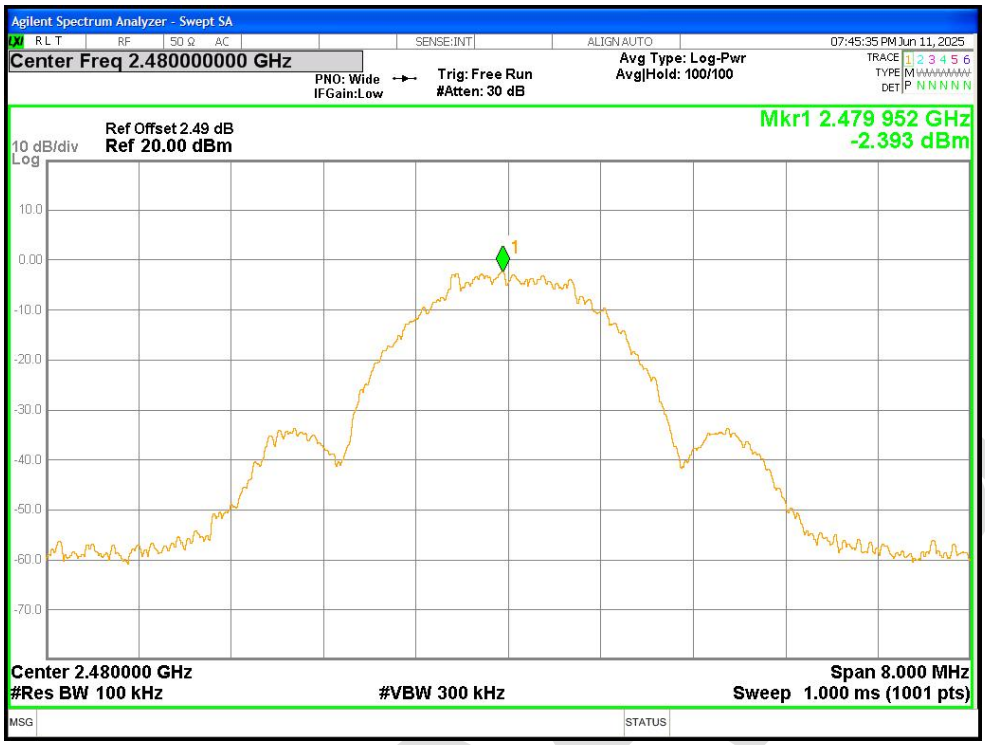
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



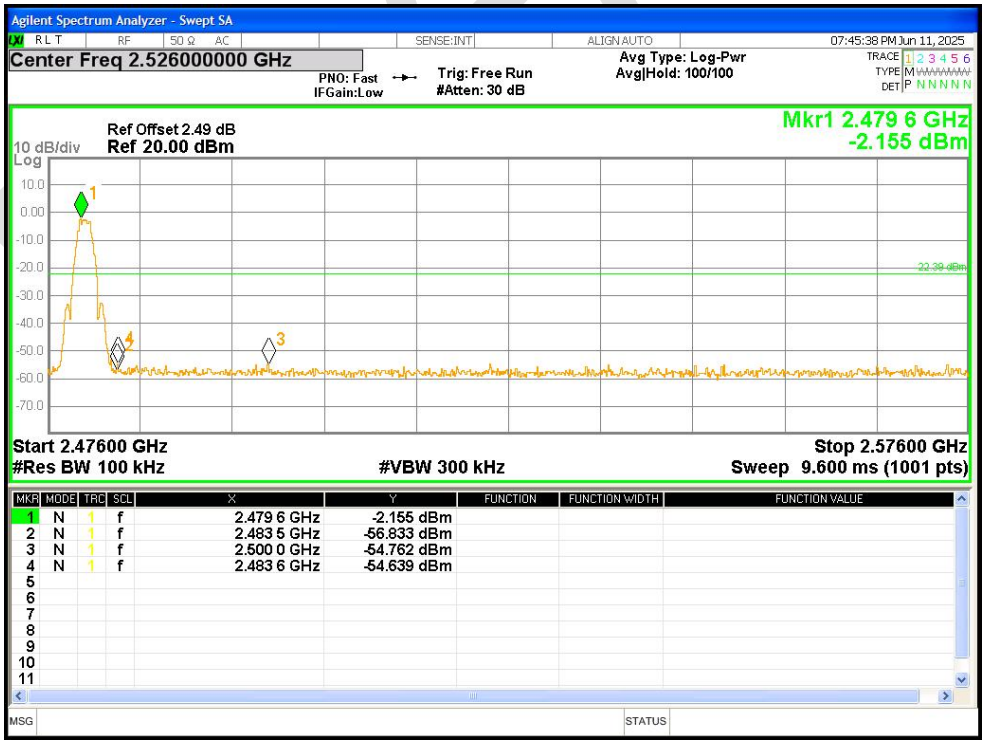
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

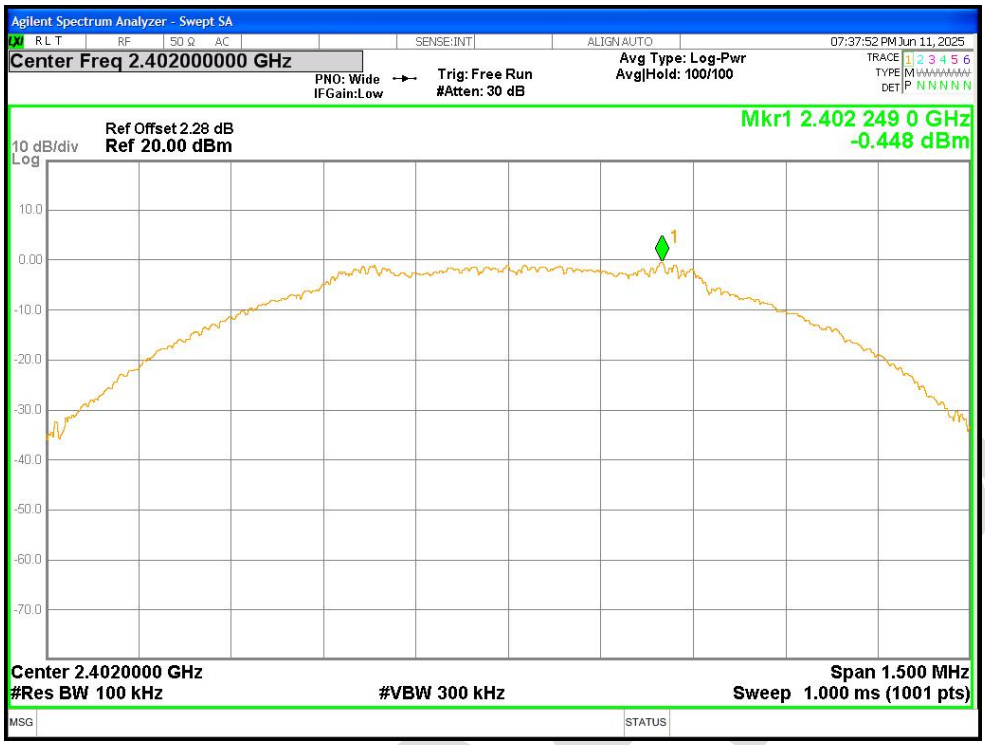


7.7 Conducted RF Spurious Emission

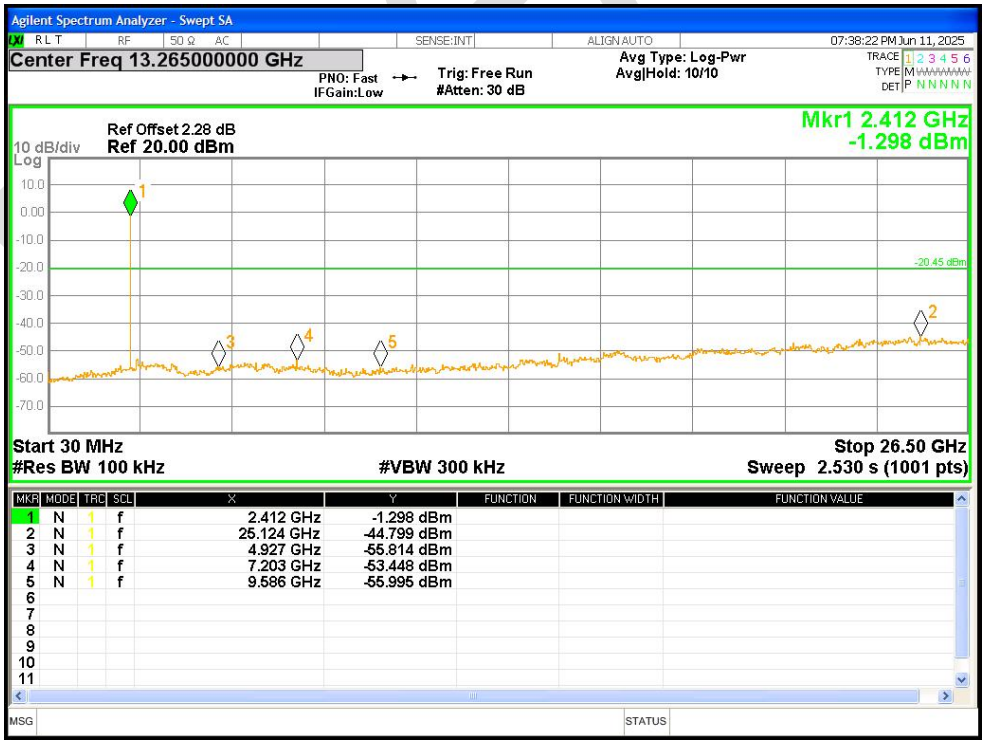
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.34	-20	Pass
NVNT	BLE 1M	2442	Ant1	-43.86	-20	Pass
NVNT	BLE 1M	2480	Ant1	-42.77	-20	Pass
NVNT	BLE 2M	2402	Ant1	-42.87	-20	Pass
NVNT	BLE 2M	2442	Ant1	-42.33	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.12	-20	Pass

BlueAsia

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref

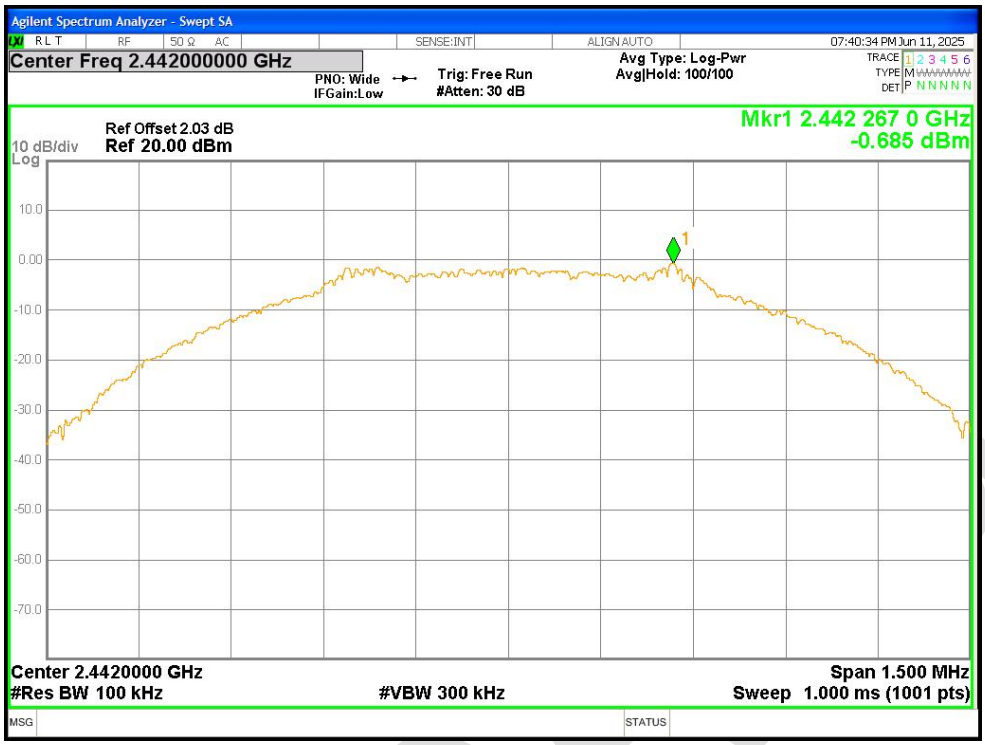


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

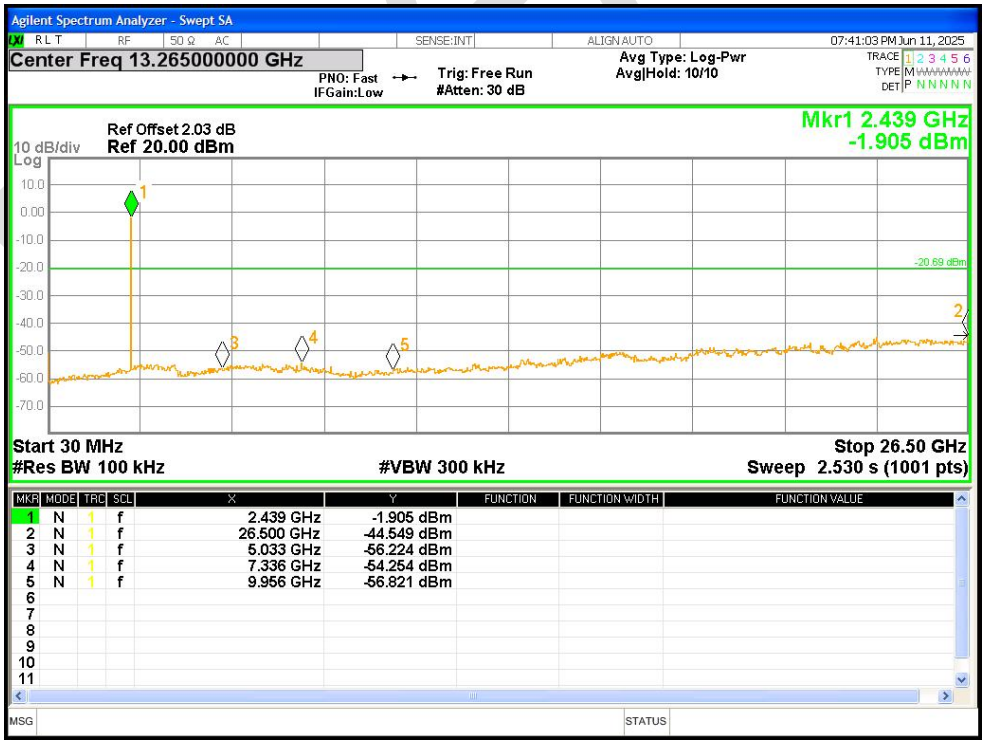


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.412 GHz	-1.298 dBm			
2	N	1	f	25.124 GHz	-44.799 dBm			
3	N	1	f	4.927 GHz	-55.814 dBm			
4	N	1	f	7.203 GHz	-53.448 dBm			
5	N	1	f	9.586 GHz	-55.995 dBm			
6								
7								
8								
9								
10								
11								

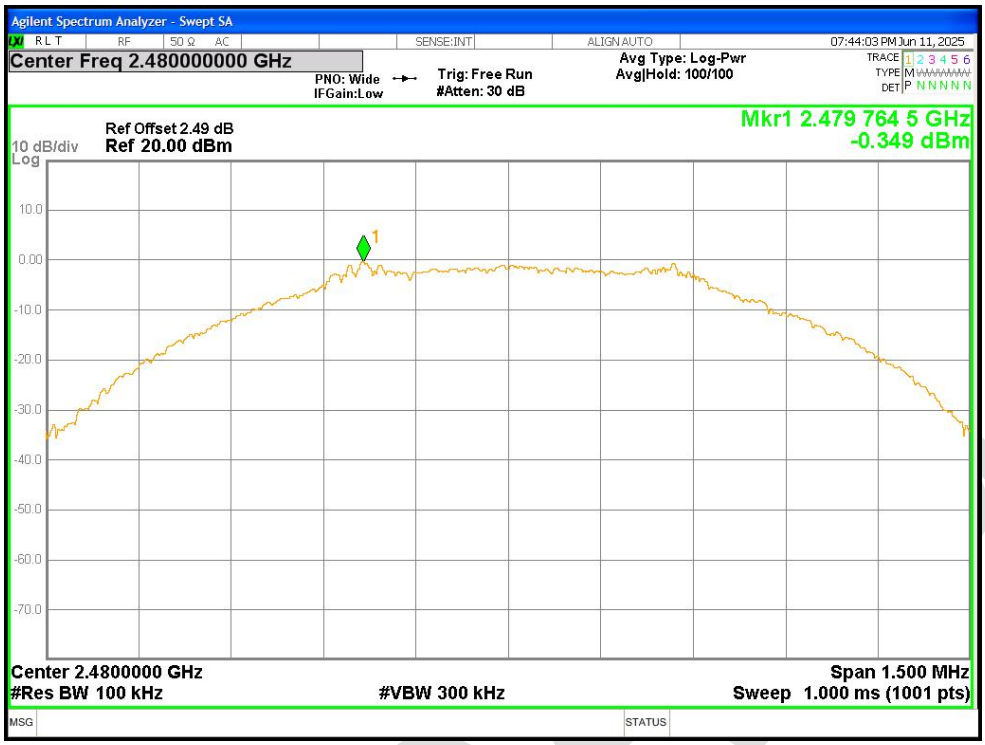
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



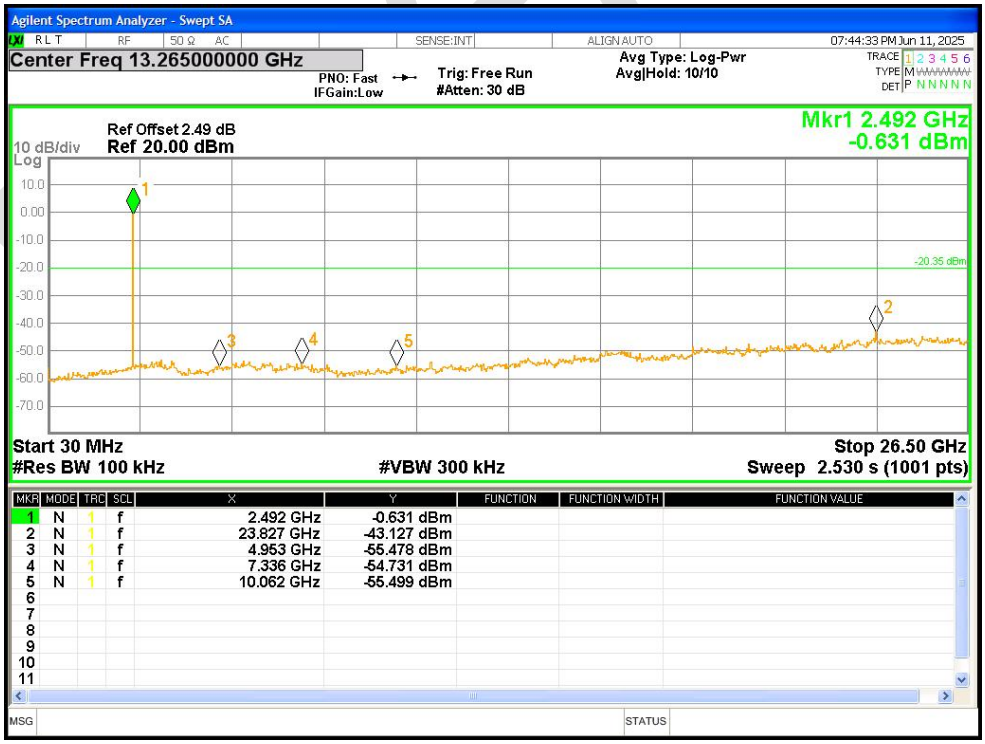
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



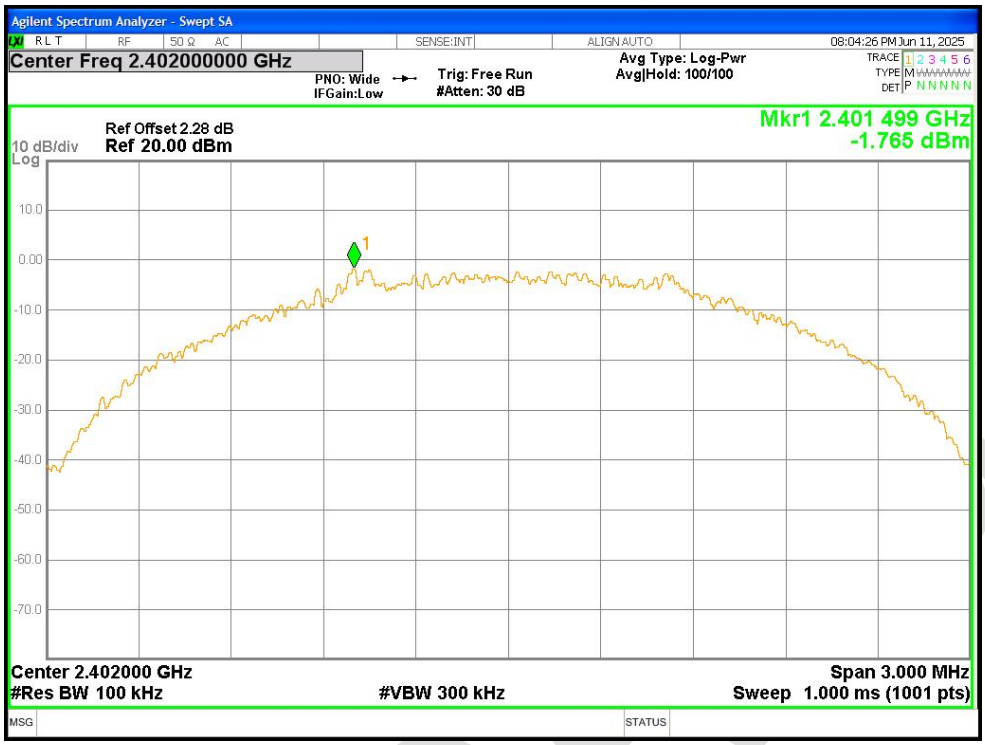
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



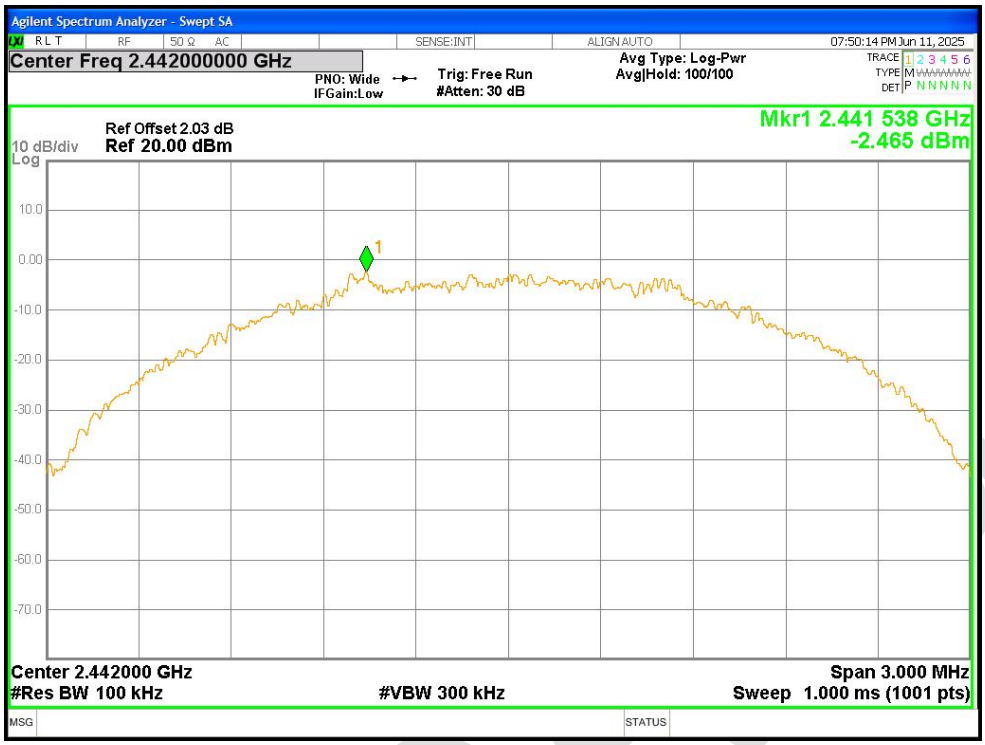
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



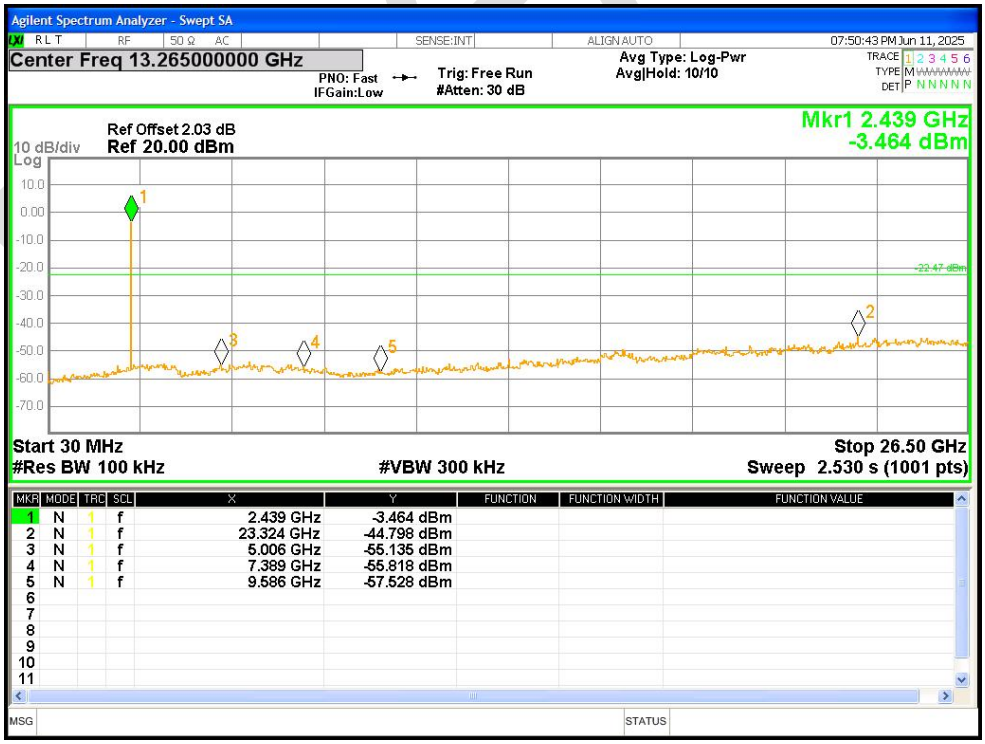
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.412 GHz	-3.241 dBm			
2	N	1	f	25.415 GHz	-44.639 dBm			
3	N	1	f	4.927 GHz	-55.781 dBm			
4	N	1	f	7.097 GHz	-55.075 dBm			
5	N	1	f	9.586 GHz	-56.023 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref

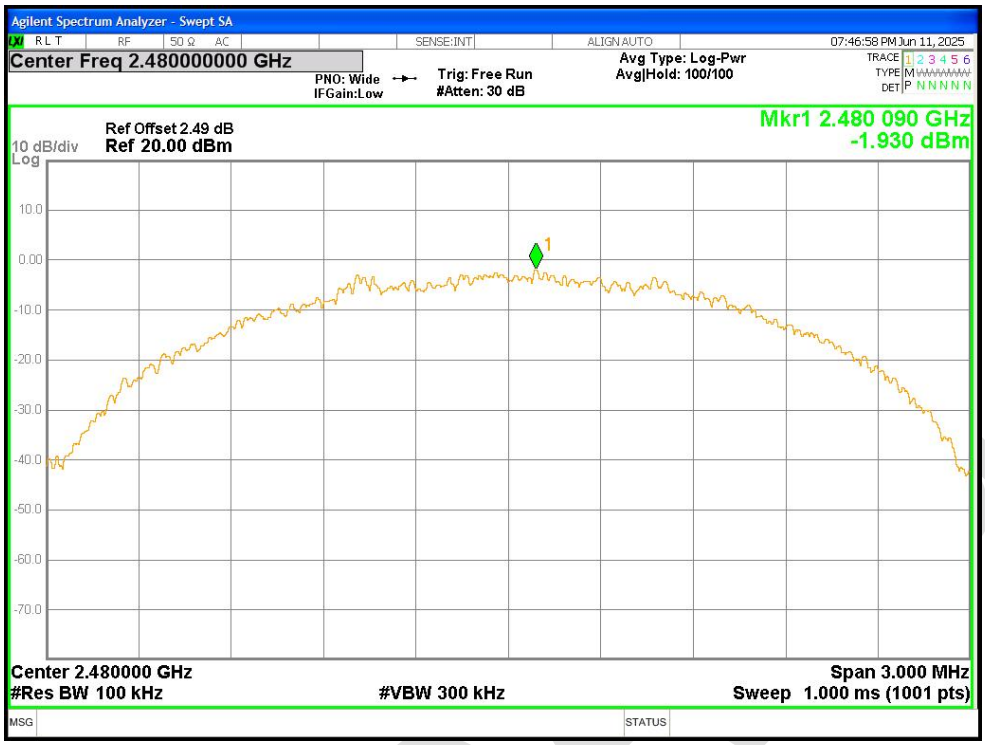


Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Emission

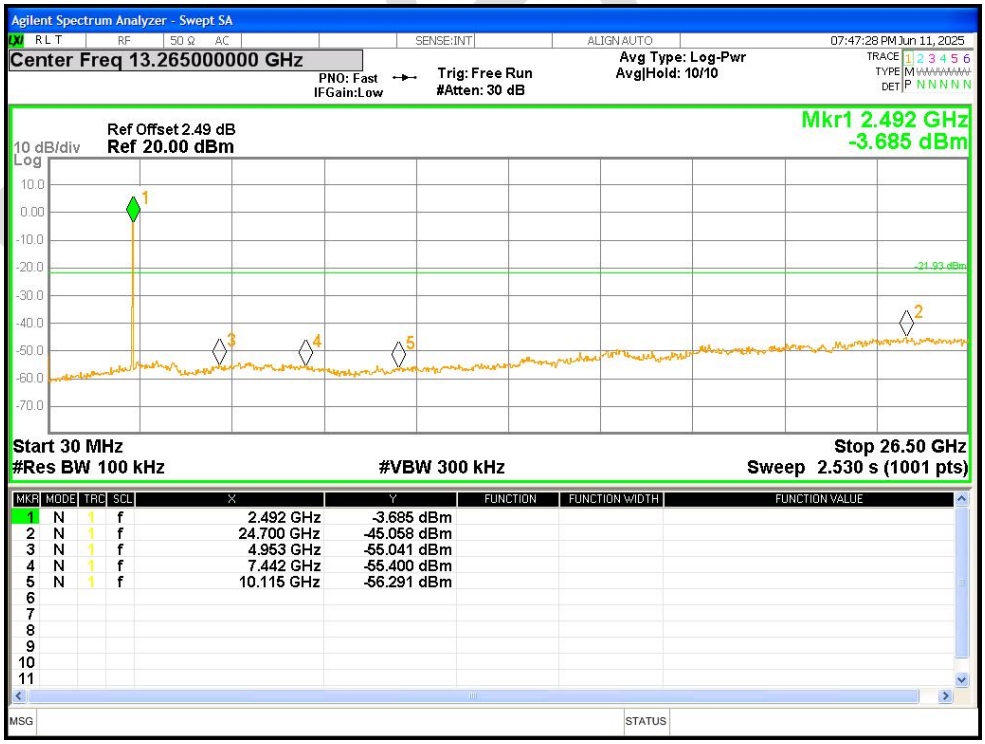


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.439 GHz	-3.464 dBm			
2	N	1	f	23.324 GHz	-44.798 dBm			
3	N	1	f	5.006 GHz	-55.135 dBm			
4	N	1	f	7.389 GHz	-55.818 dBm			
5	N	1	f	9.586 GHz	-57.528 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



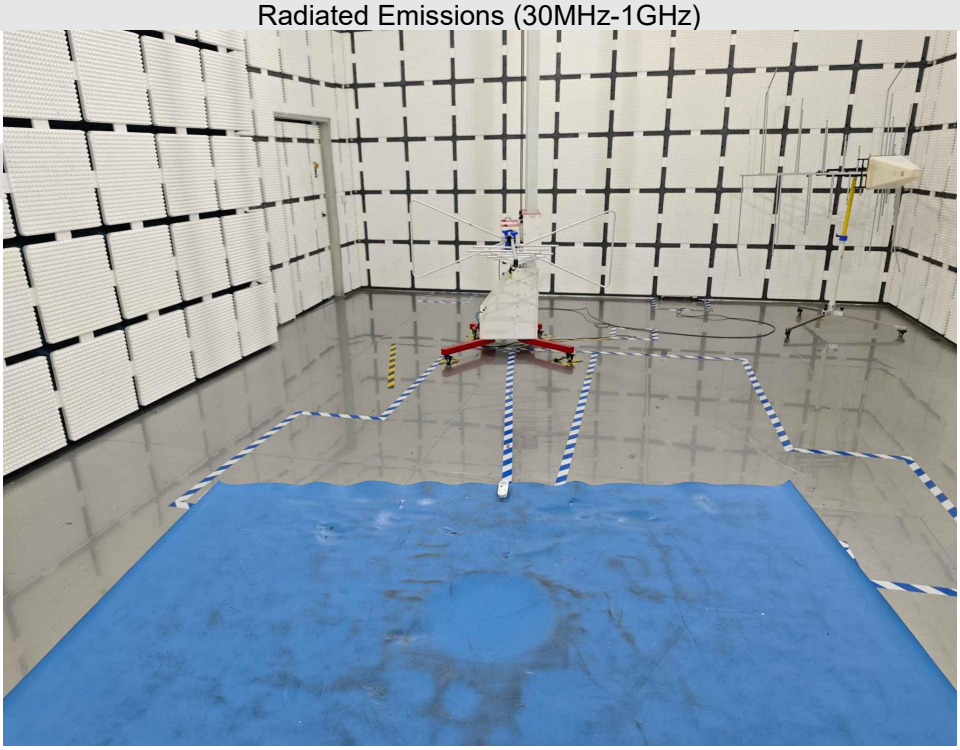
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission



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-202506-A3001

----END OF REPORT----

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