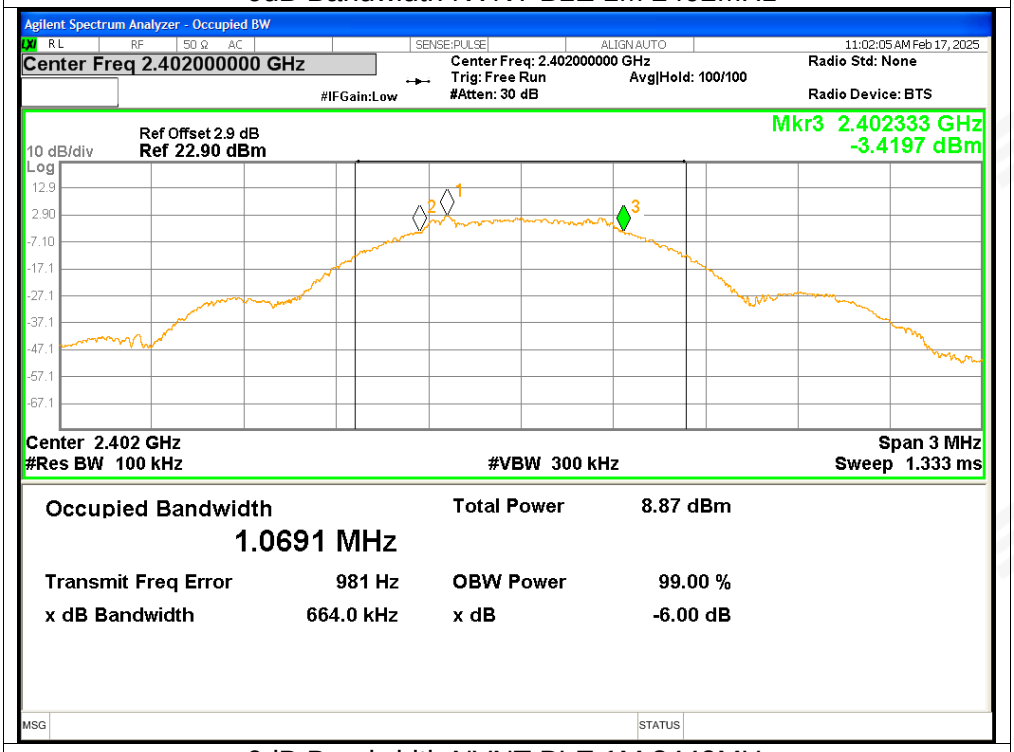
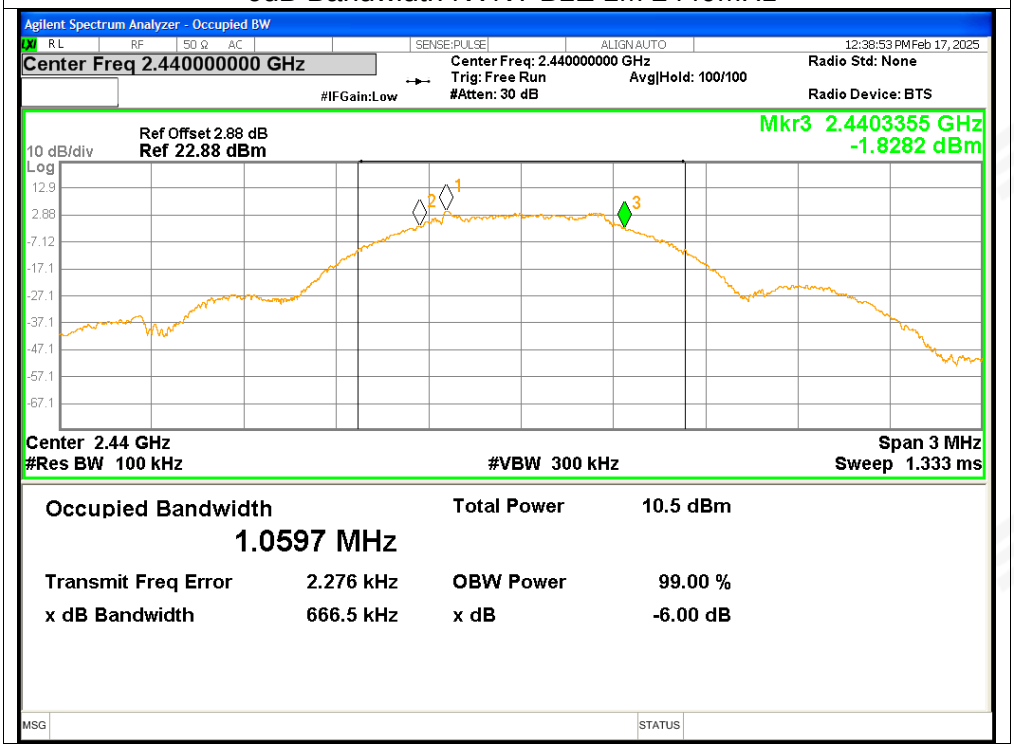
Test Graphs

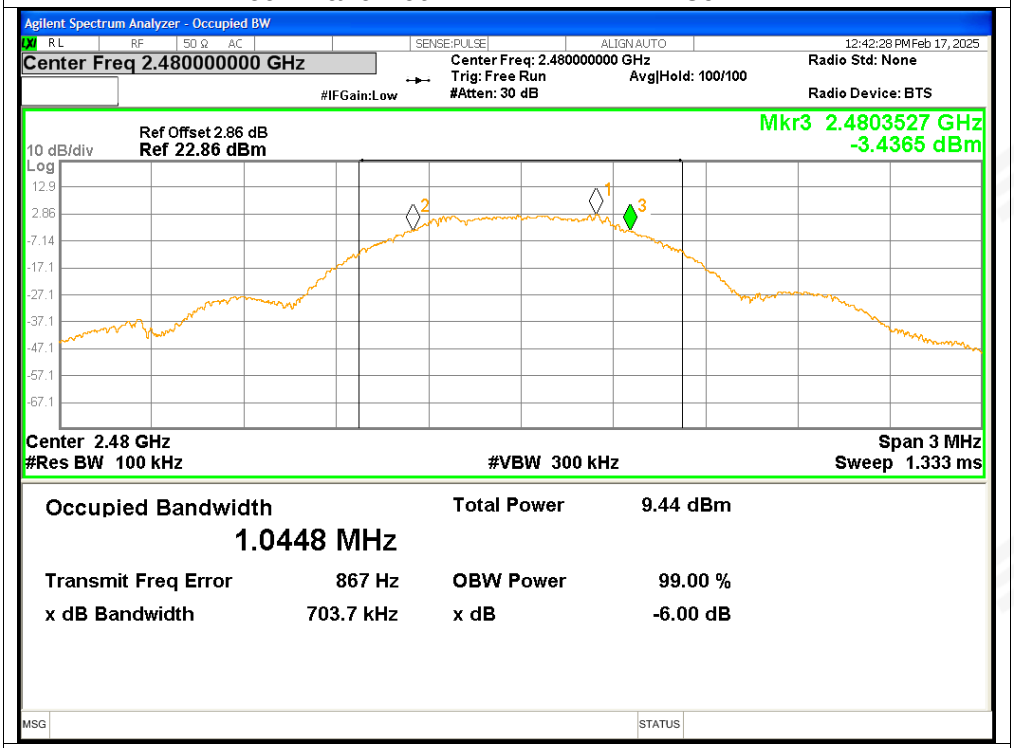
-6dB Bandwidth NVNT BLE 1M 2402MHz



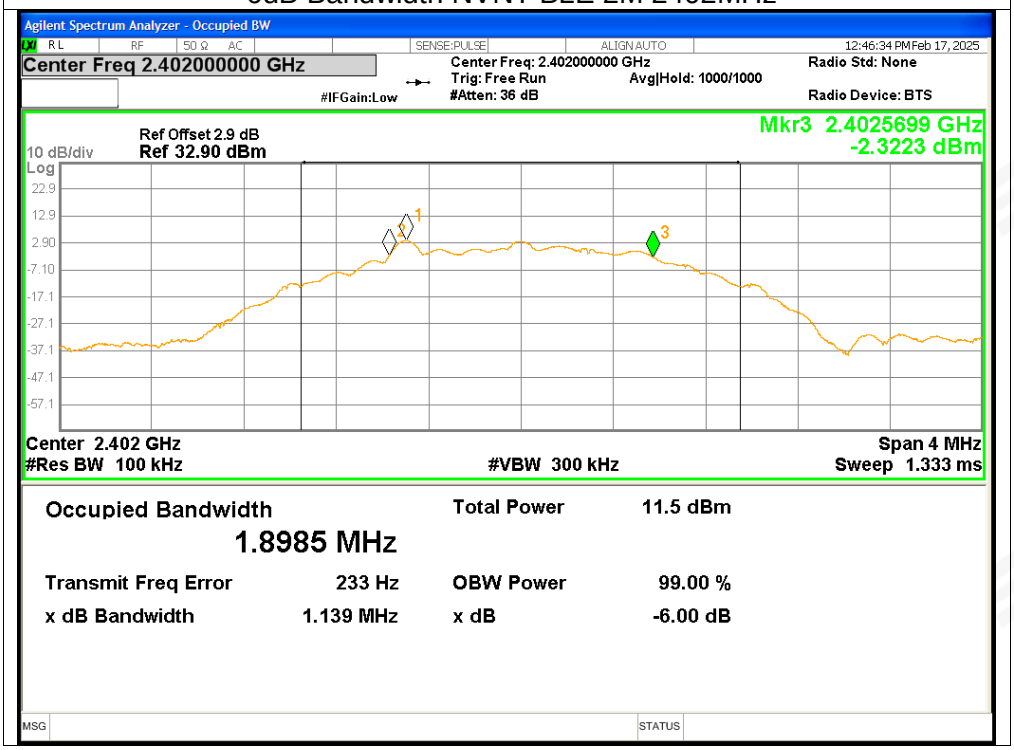
-6dB Bandwidth NVNT BLE 1M 2440MHz



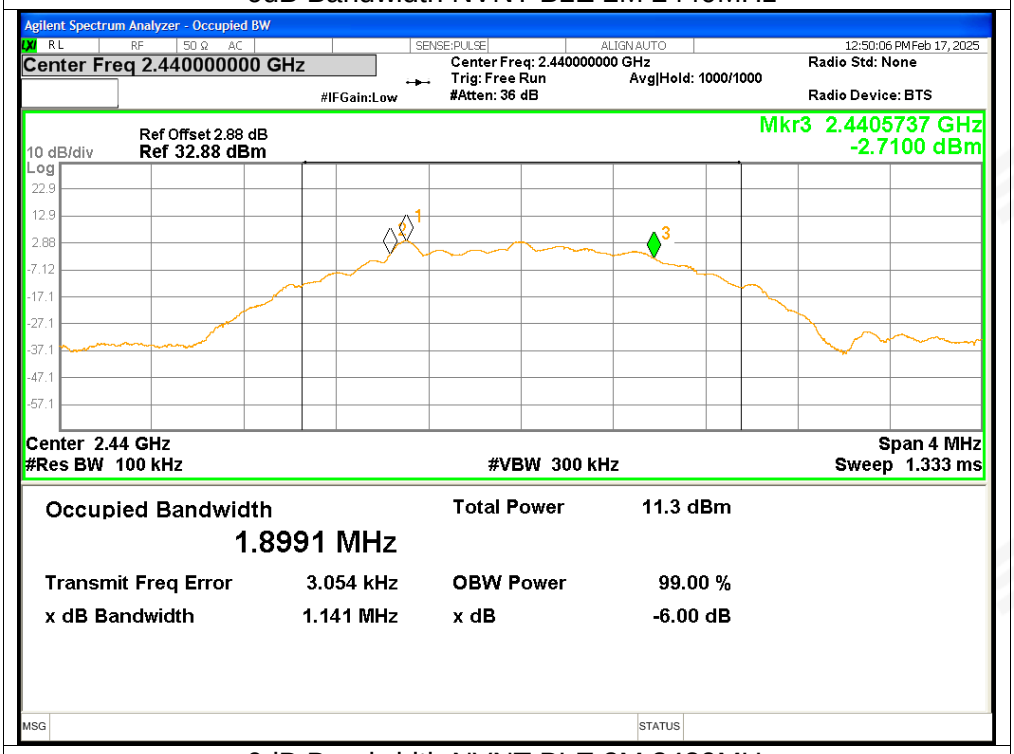
-6dB Bandwidth NVNT BLE 1M 2480MHz



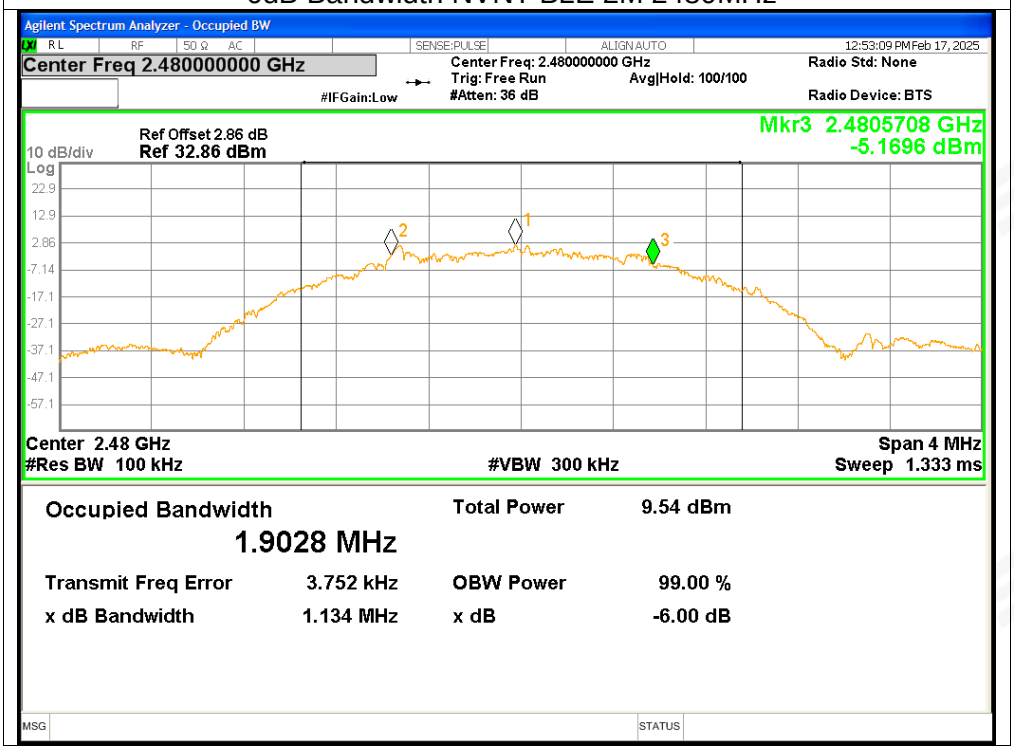
-6dB Bandwidth NVNT BLE 2M 2402MHz



-6dB Bandwidth NVNT BLE 2M 2440MHz



-6dB Bandwidth NVNT BLE 2M 2480MHz

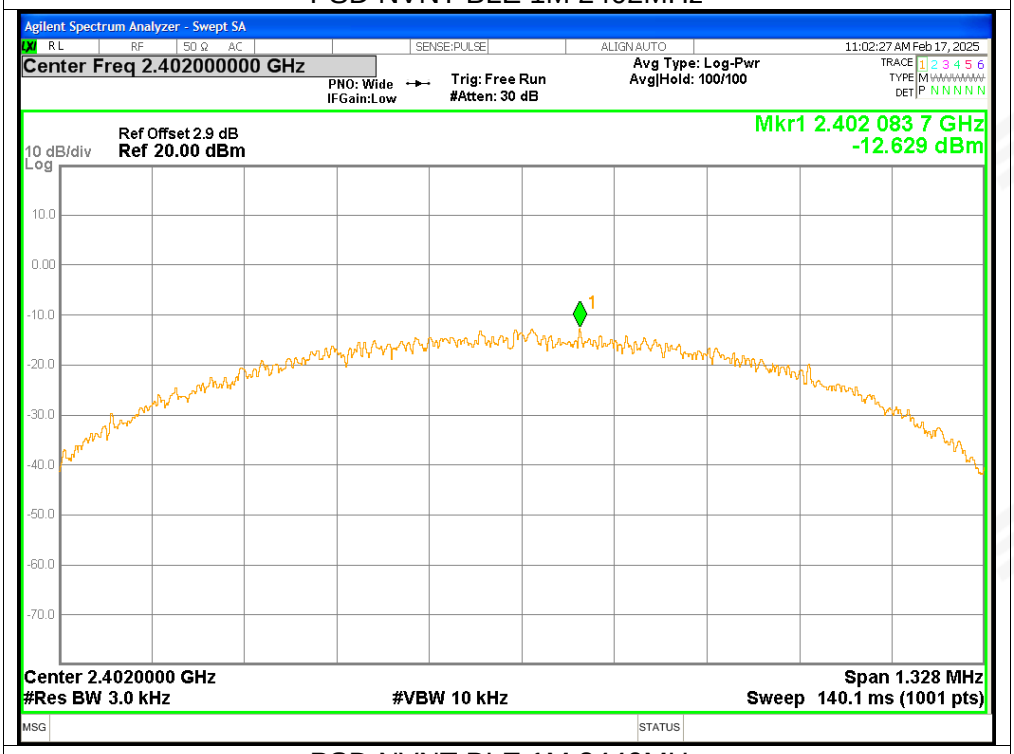


6. Maximum Power Spectral Density Level

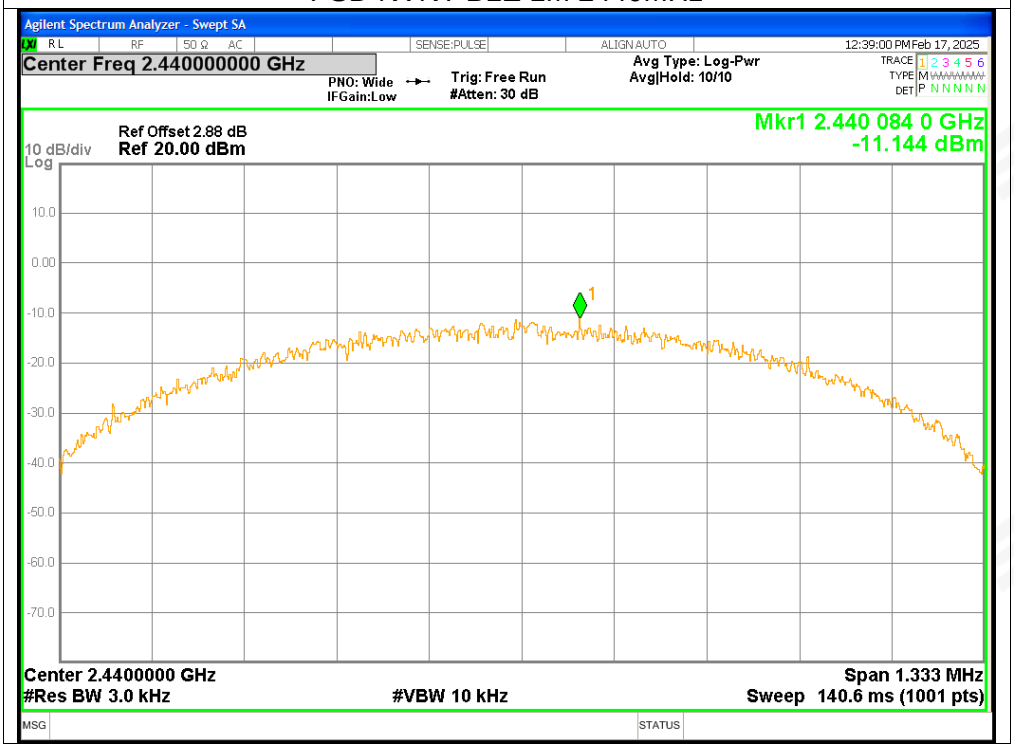
Condition	Mode	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	-12.63	<=8	Pass
NVNT	BLE 1M	2440	-11.14	<=8	Pass
NVNT	BLE 1M	2480	-12	<=8	Pass
NVNT	BLE 2M	2402	-13.67	<=8	Pass
NVNT	BLE 2M	2440	-14.43	<=8	Pass
NVNT	BLE 2M	2480	-14.71	<=8	Pass

Test Graphs

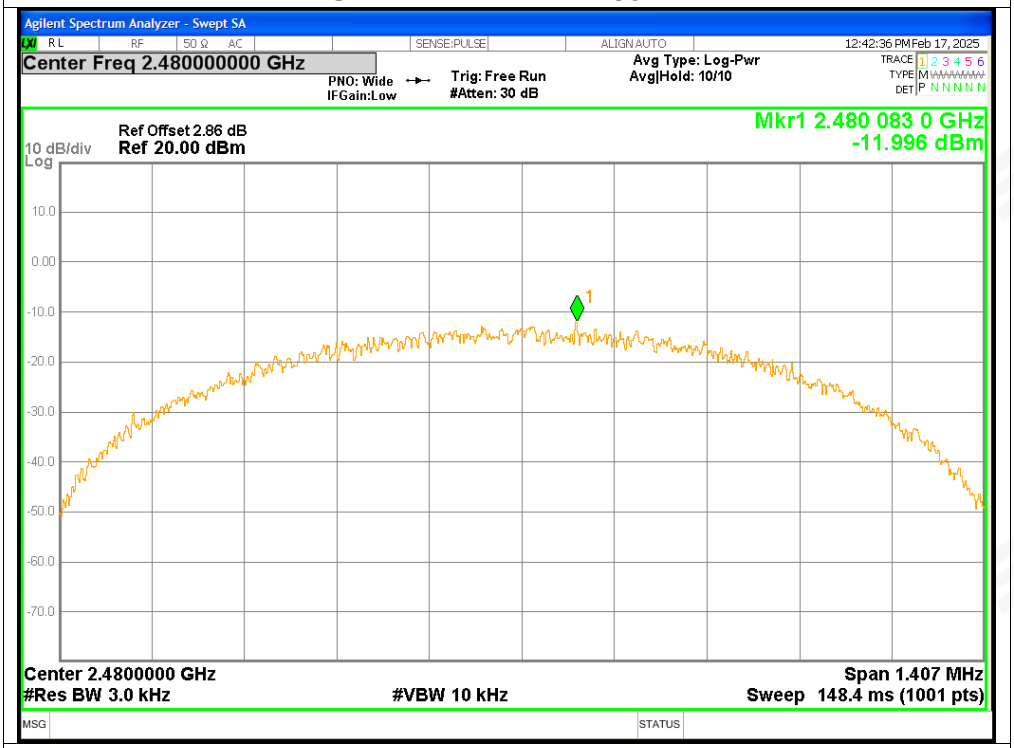
PSD NVNT BLE 1M 2402MHz



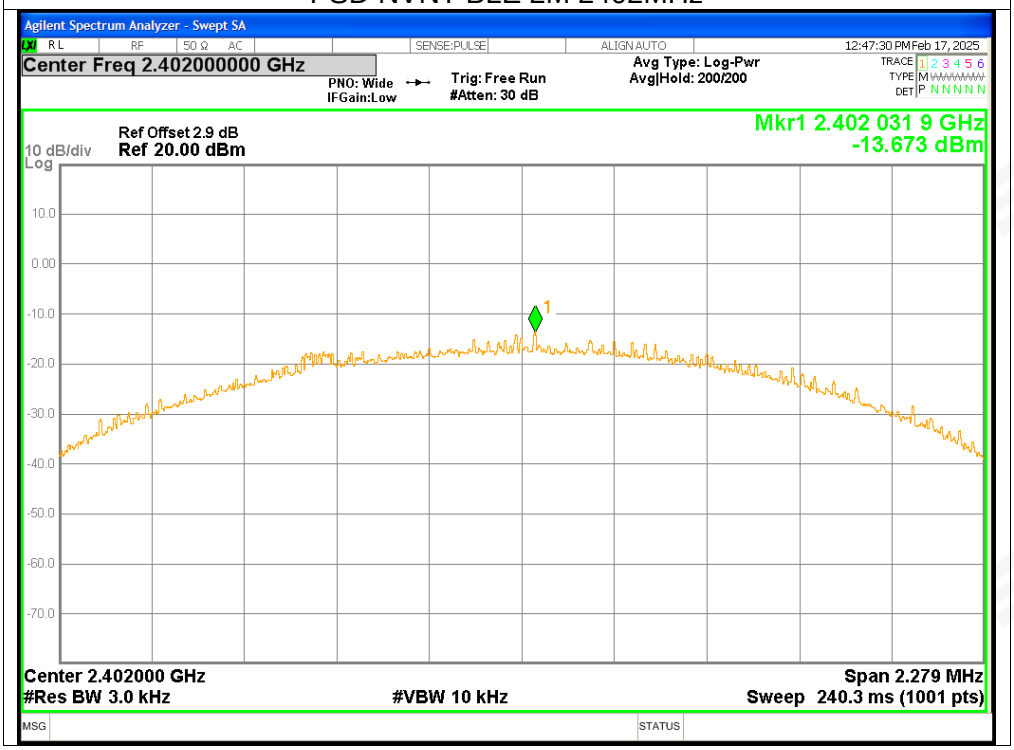
PSD NVNT BLE 1M 2440MHz



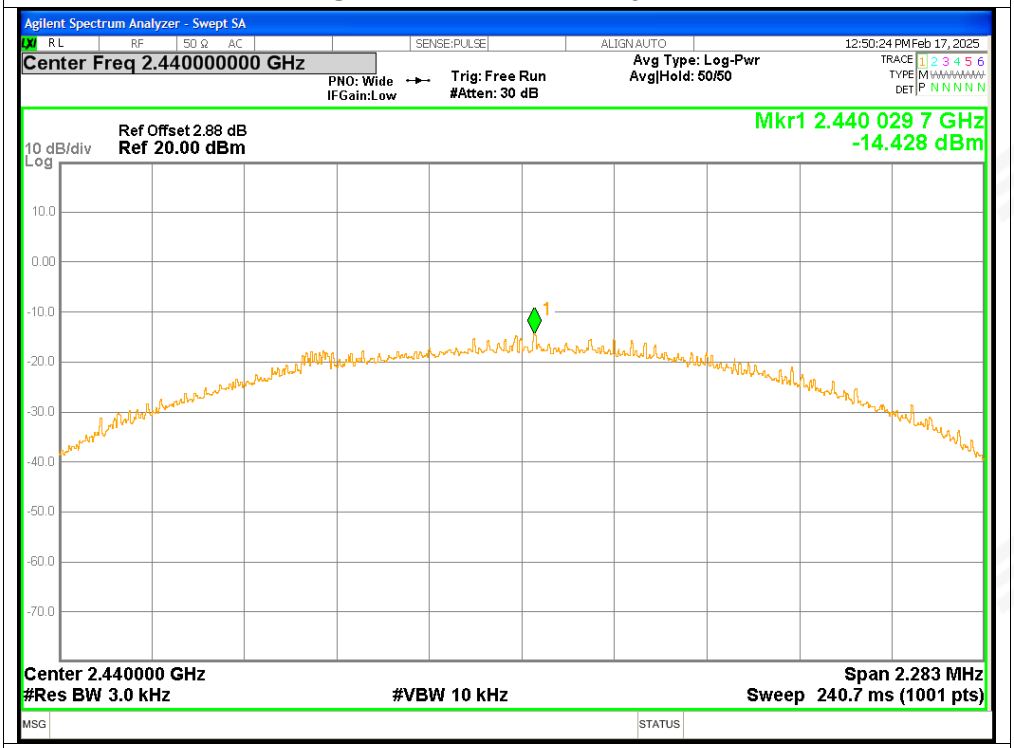
PSD NVNT BLE 1M 2480MHz



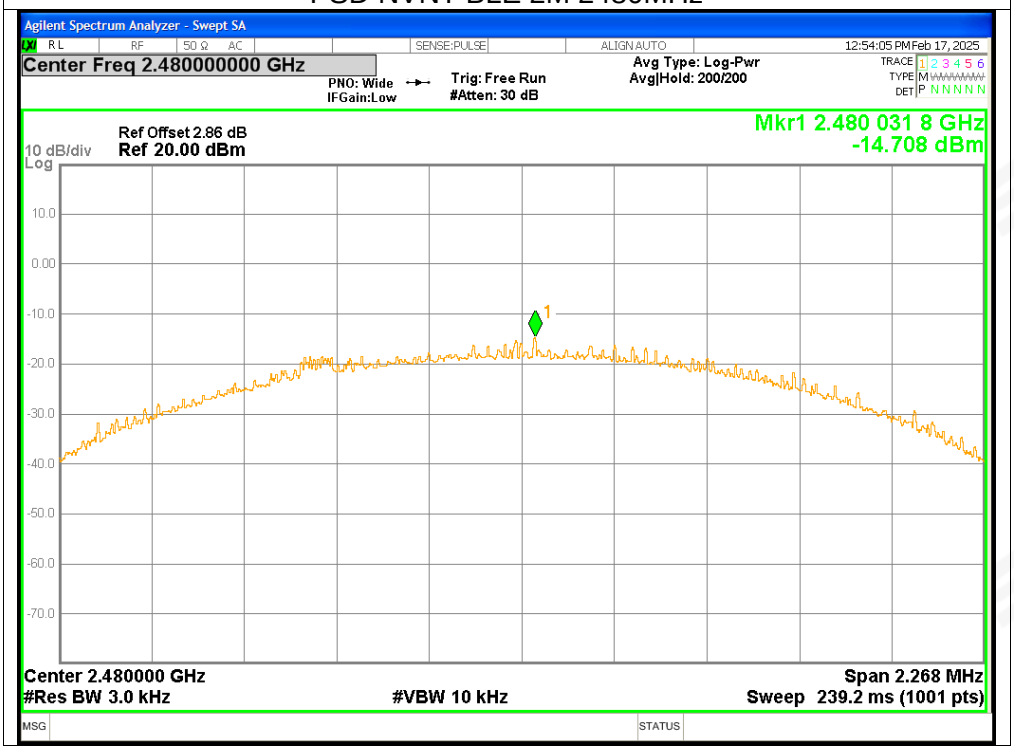
PSD NVNT BLE 2M 2402MHz



PSD NVNT BLE 2M 2440MHz



PSD NVNT BLE 2M 2480MHz

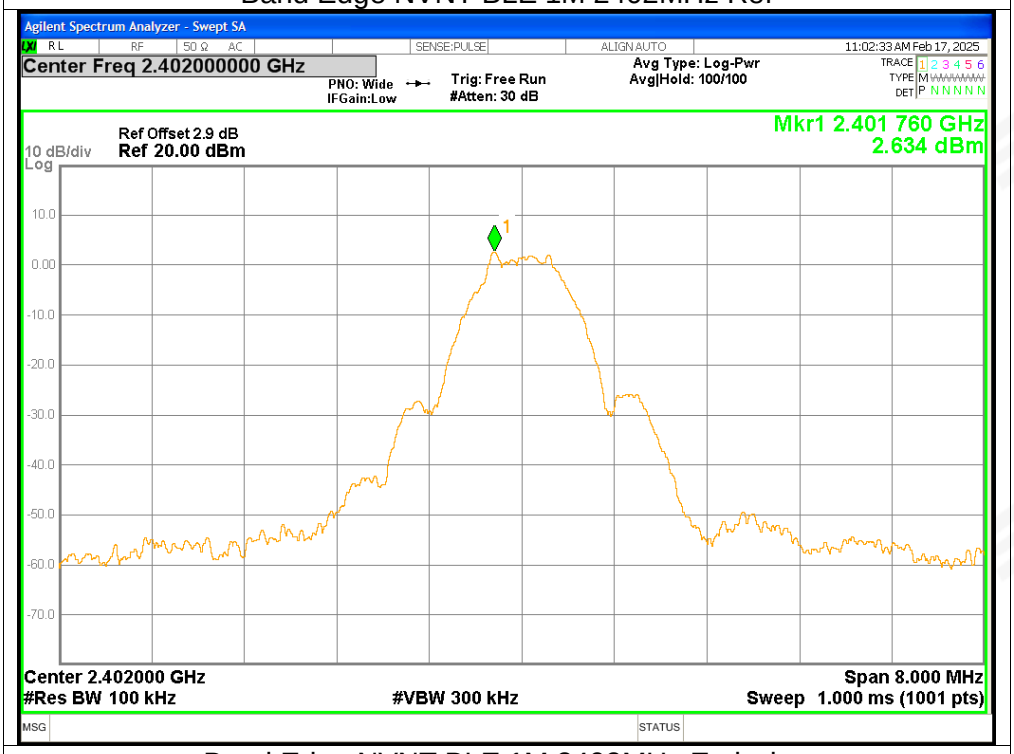


7. Band Edge

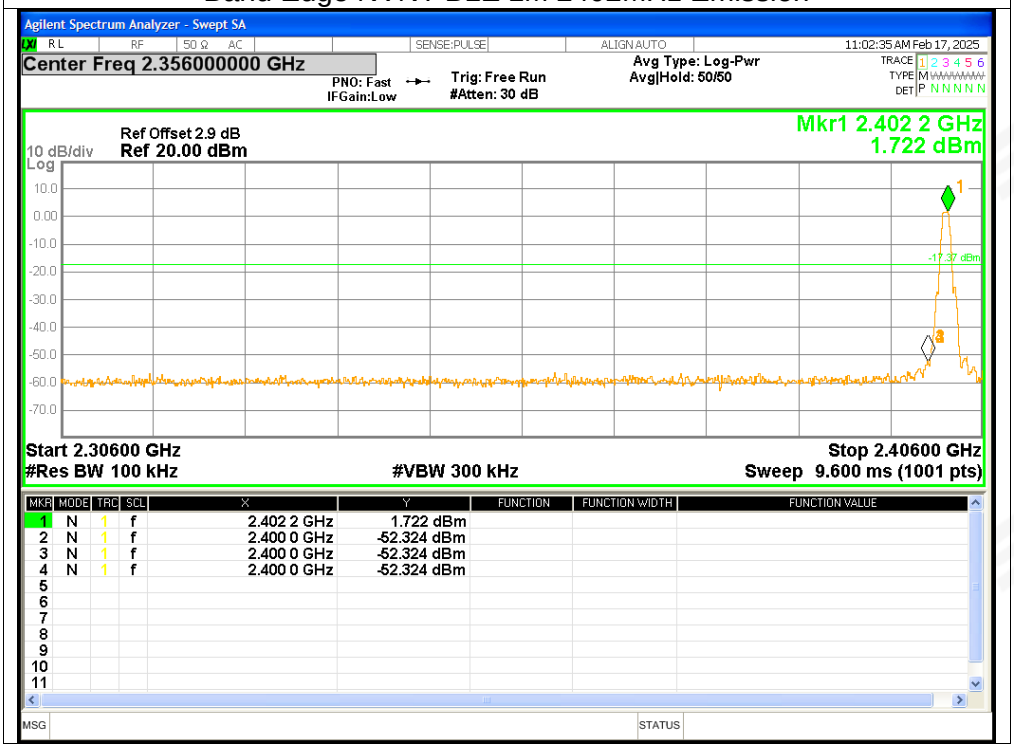
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-54.95	<=-20	Pass
NVNT	BLE 1M	2480	-58.66	<=-20	Pass
NVNT	BLE 2M	2402	-38.88	<=-20	Pass
NVNT	BLE 2M	2480	-52.37	<=-20	Pass

Test Graphs

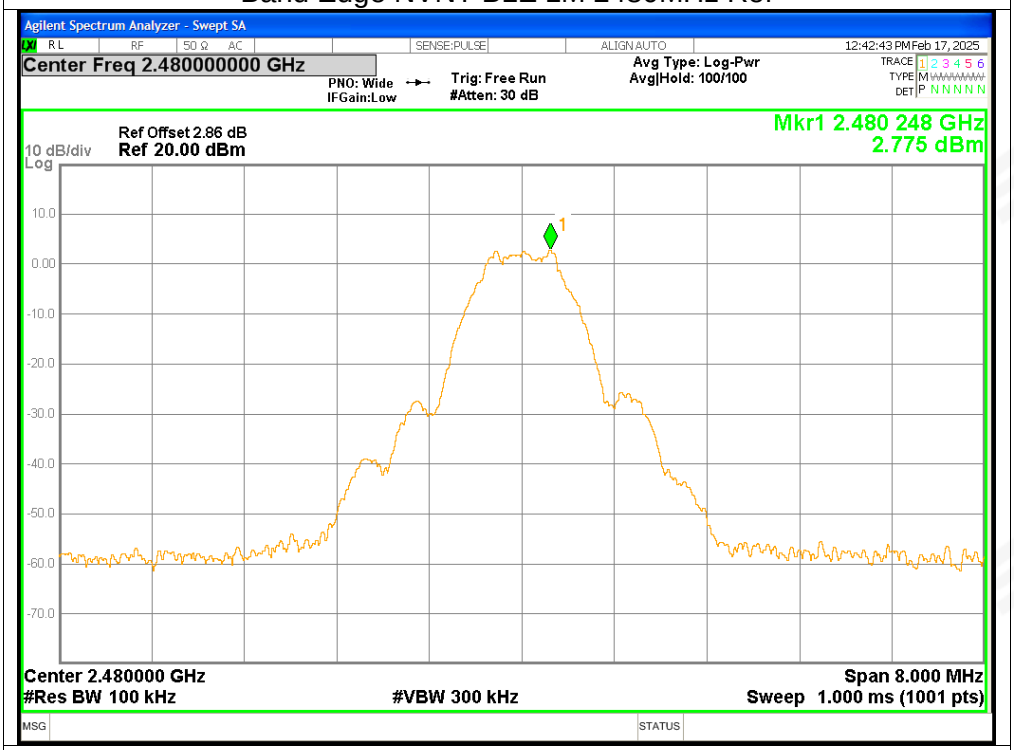
Band Edge NVNT BLE 1M 2402MHz Ref



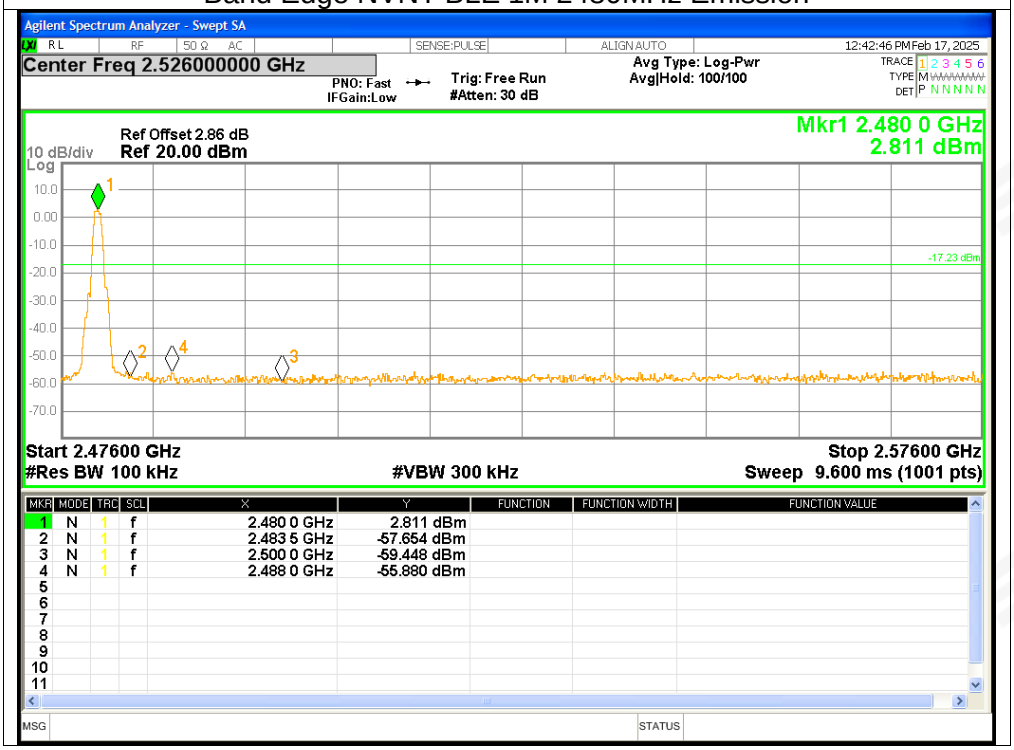
Band Edge NVNT BLE 1M 2402MHz Emission



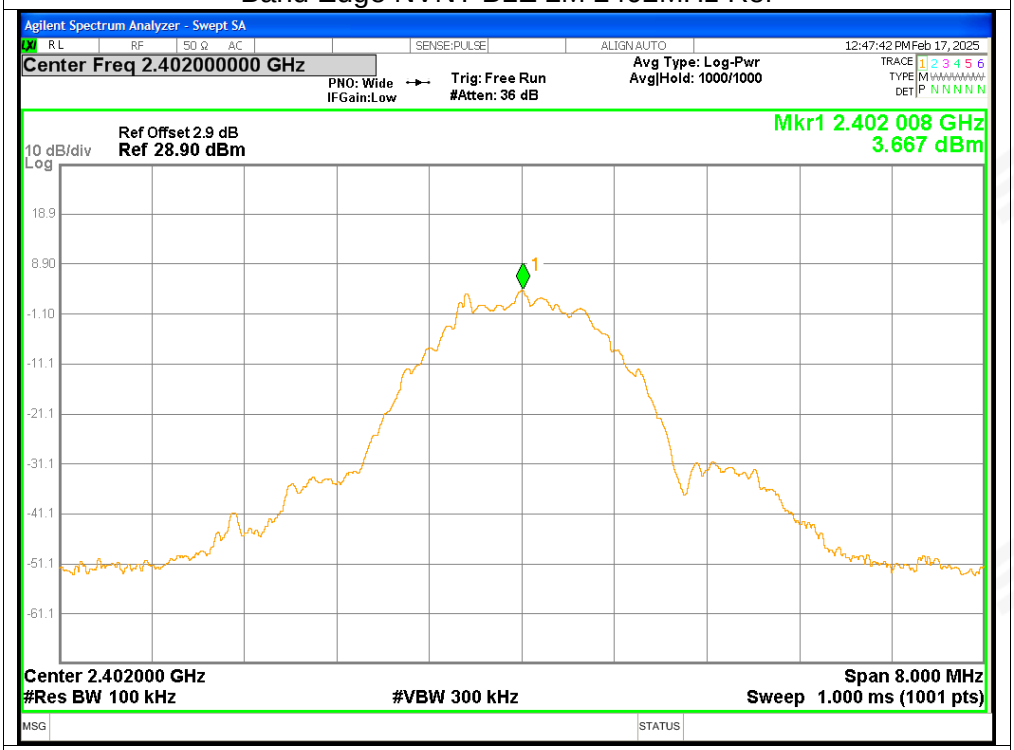
Band Edge NVNT BLE 1M 2480MHz Ref



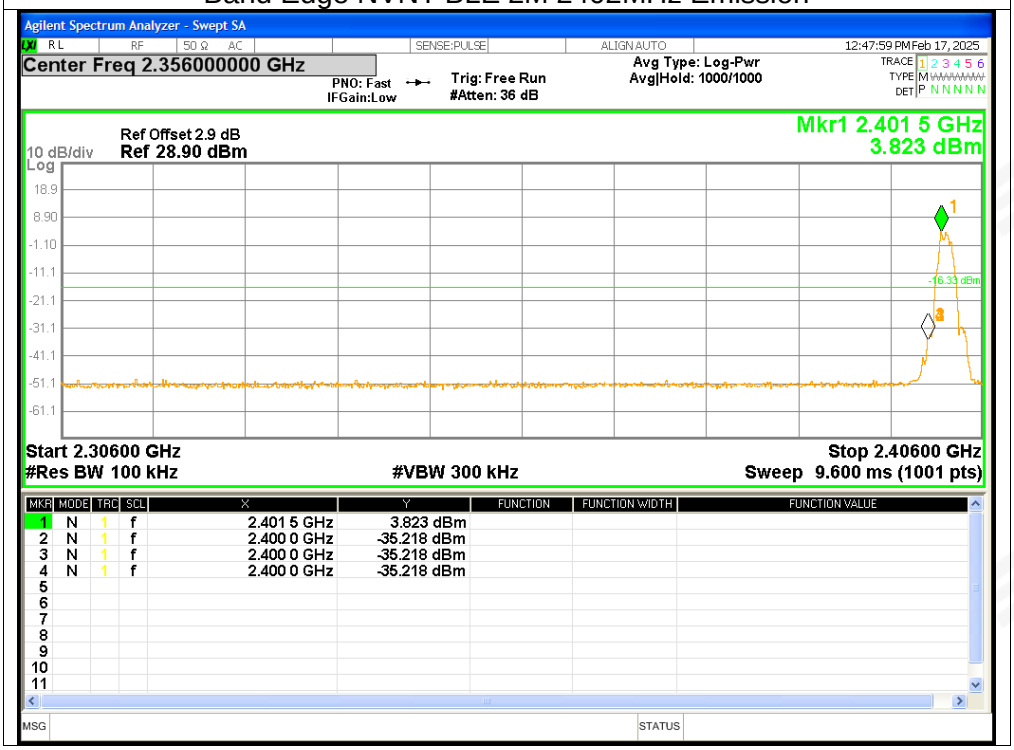
Band Edge NVNT BLE 1M 2480MHz Emission



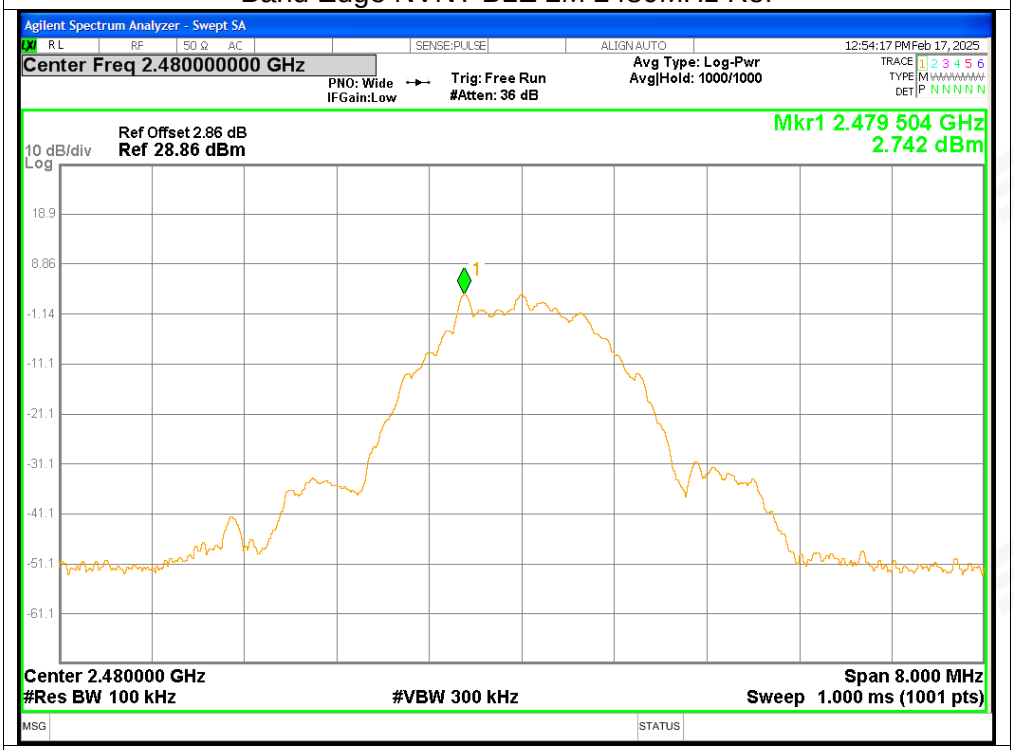
Band Edge NVNT BLE 2M 2402MHz Ref



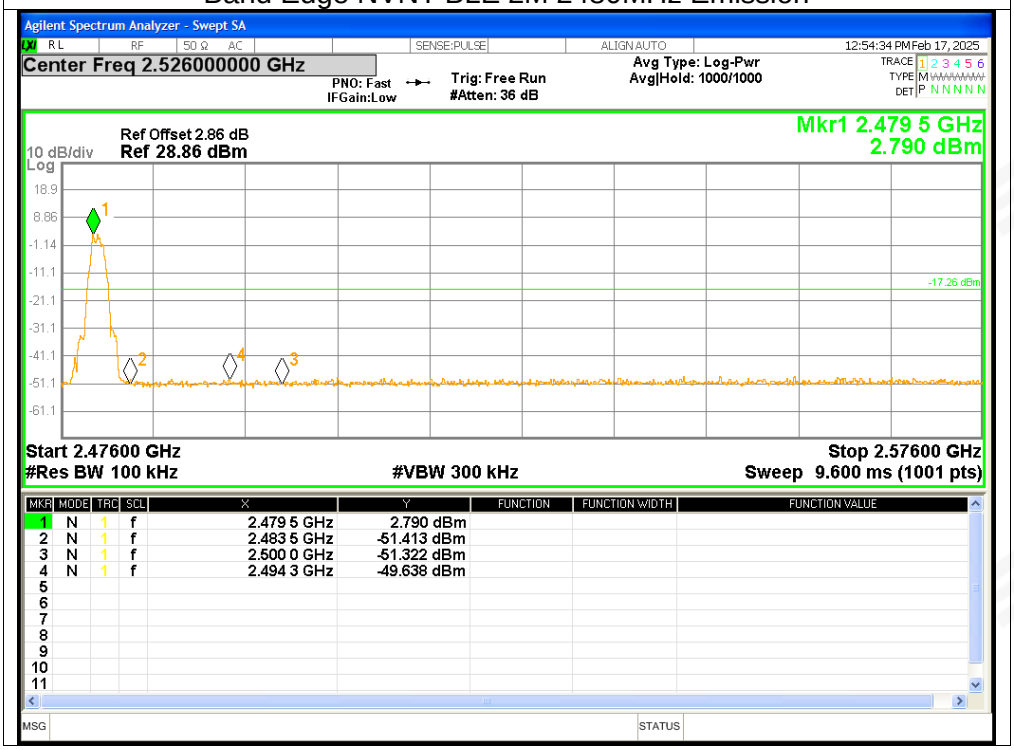
Band Edge NVNT BLE 2M 2402MHz Emission



Band Edge NVNT BLE 2M 2480MHz Ref



Band Edge NVNT BLE 2M 2480MHz Emission

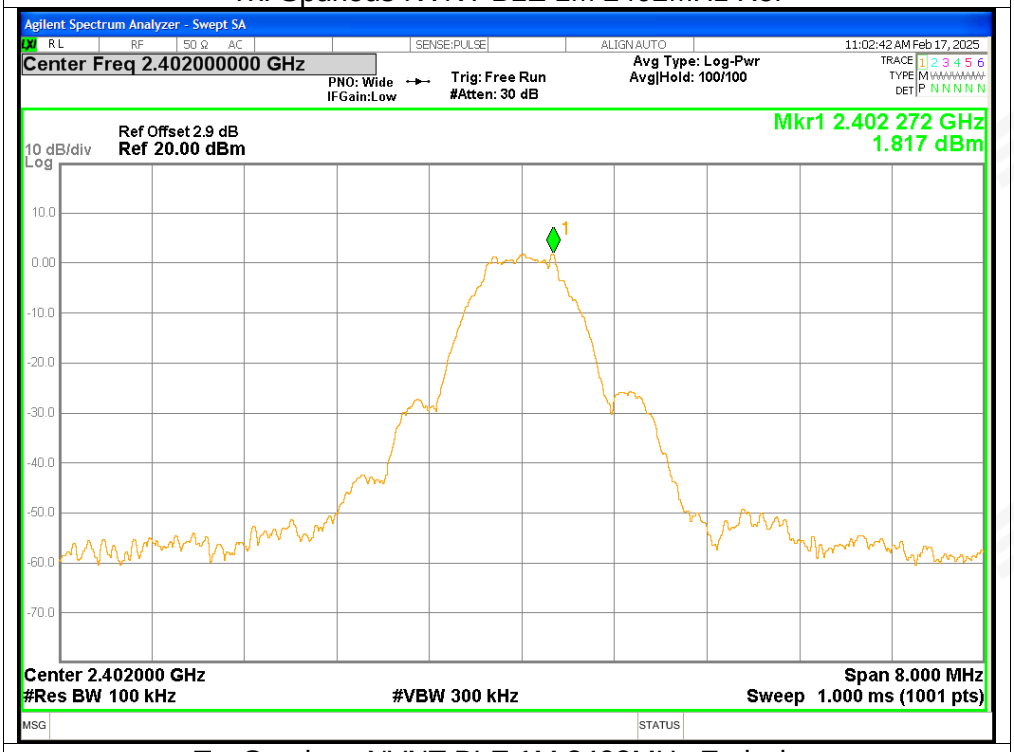


8. Conducted RF Spurious Emission

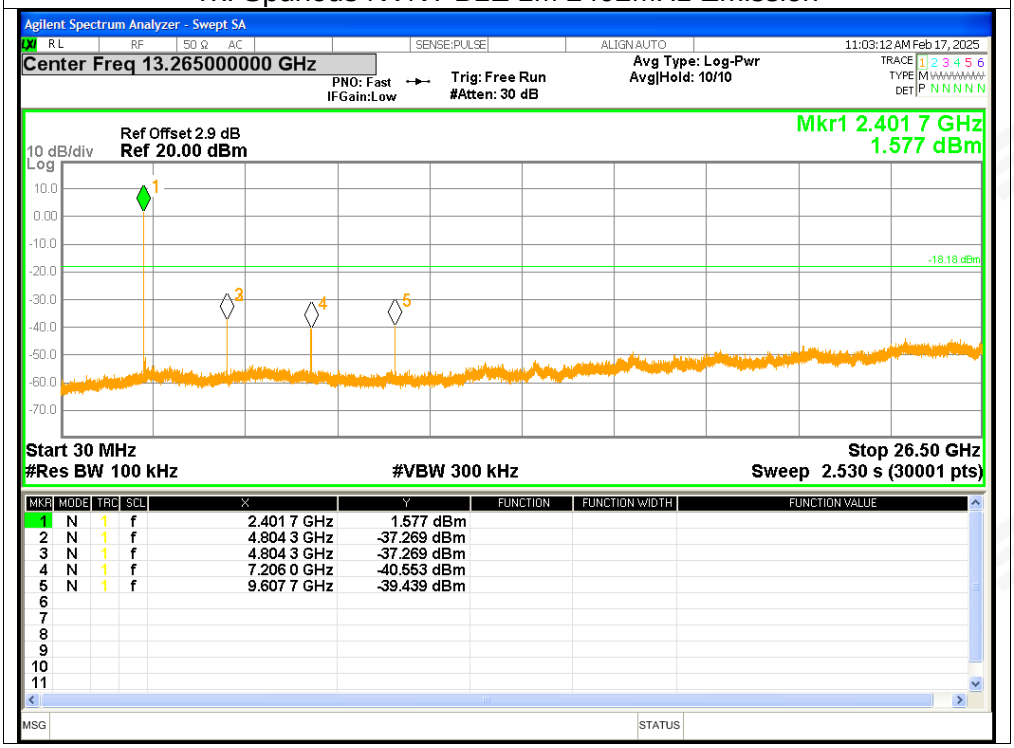
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-39.08	<=-20	Pass
NVNT	BLE 1M	2440	-40.85	<=-20	Pass
NVNT	BLE 1M	2480	-38.24	<=-20	Pass
NVNT	BLE 2M	2402	-41.17	<=-20	Pass
NVNT	BLE 2M	2440	-39.1	<=-20	Pass
NVNT	BLE 2M	2480	-35.61	<=-20	Pass

Test Graphs

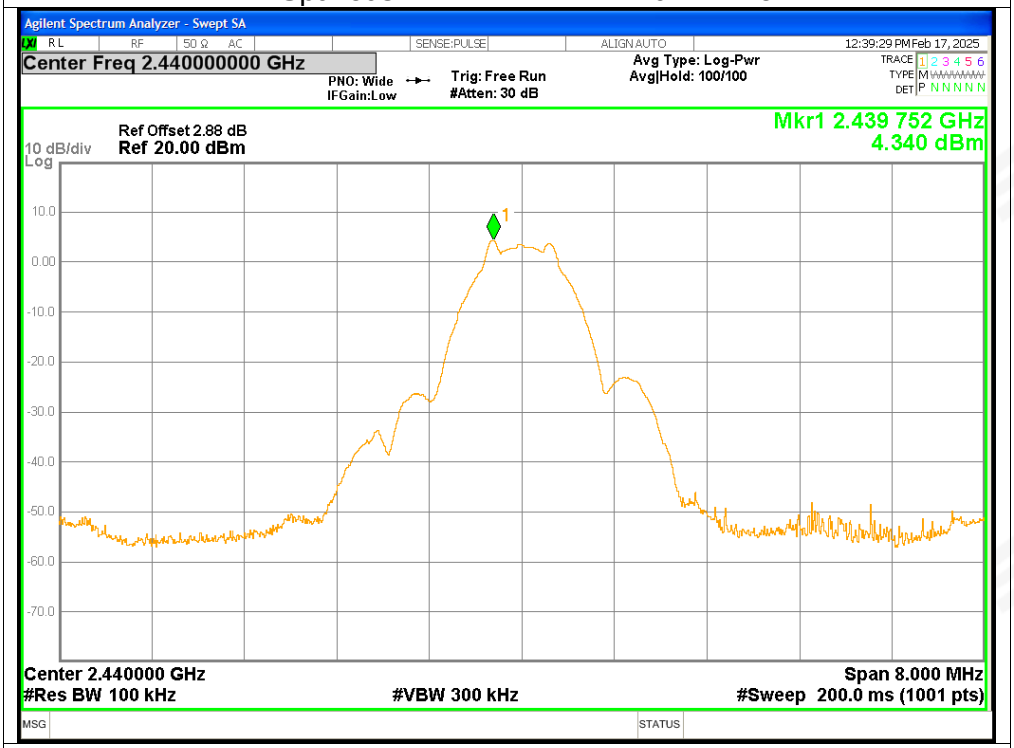
Tx. Spurious NVNT BLE 1M 2402MHz Ref



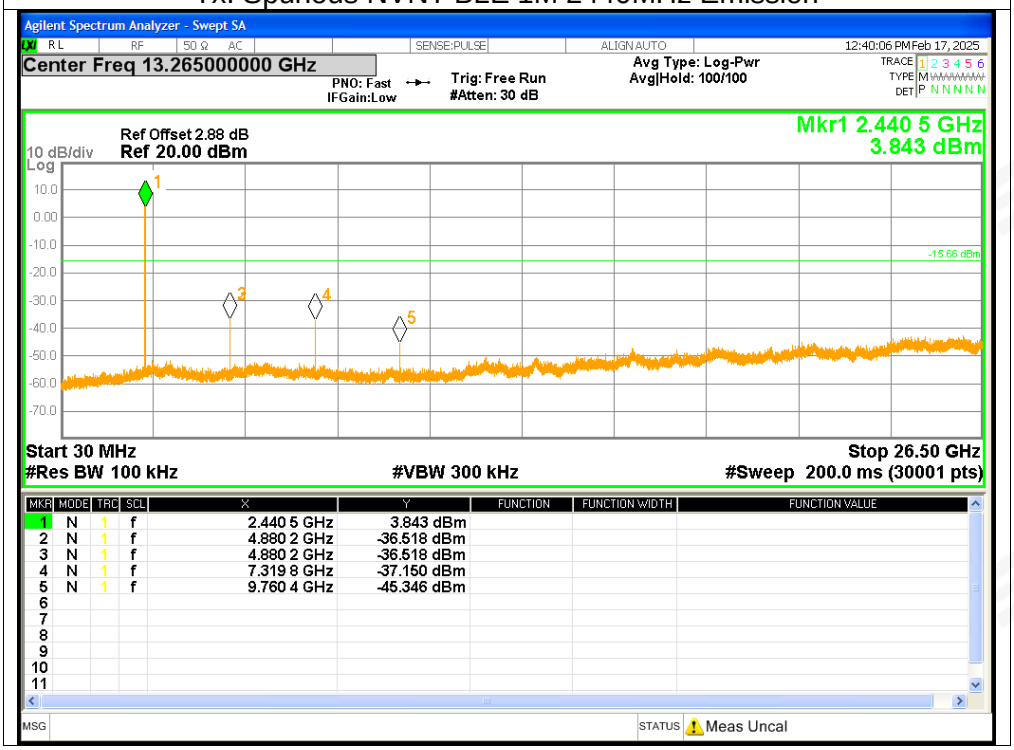
Tx. Spurious NVNT BLE 1M 2402MHz Emission



Tx. Spurious NVNT BLE 1M 2440MHz Ref

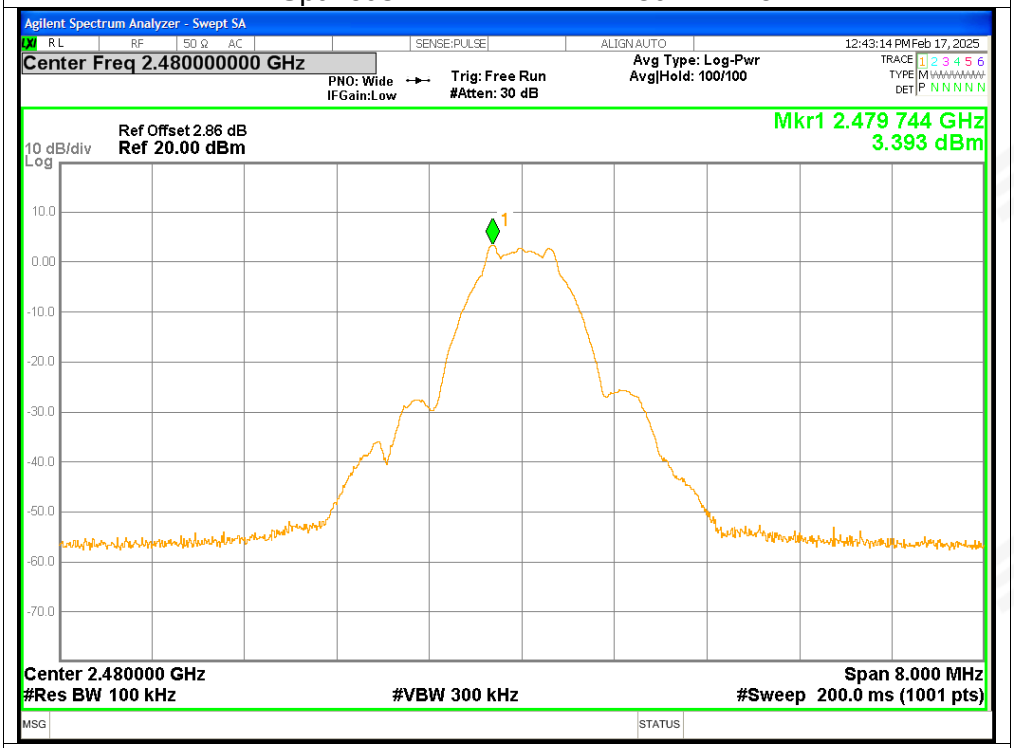


Tx. Spurious NVNT BLE 1M 2440MHz Emission

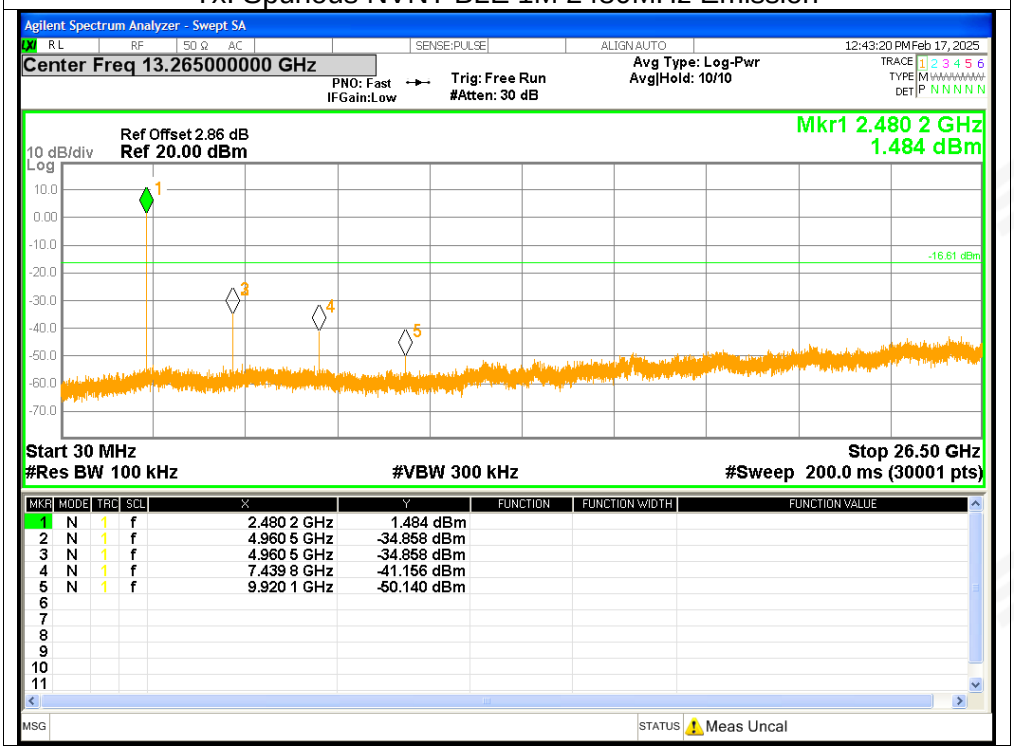


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.440 5 GHz	3.843 dBm			
2	N	1	f	4.880 2 GHz	-36.518 dBm			
3	N	1	f	4.880 2 GHz	-36.518 dBm			
4	N	1	f	7.319 8 GHz	-37.150 dBm			
5	N	1	f	9.760 4 GHz	-45.346 dBm			
6								
7								
8								
9								
10								
11								

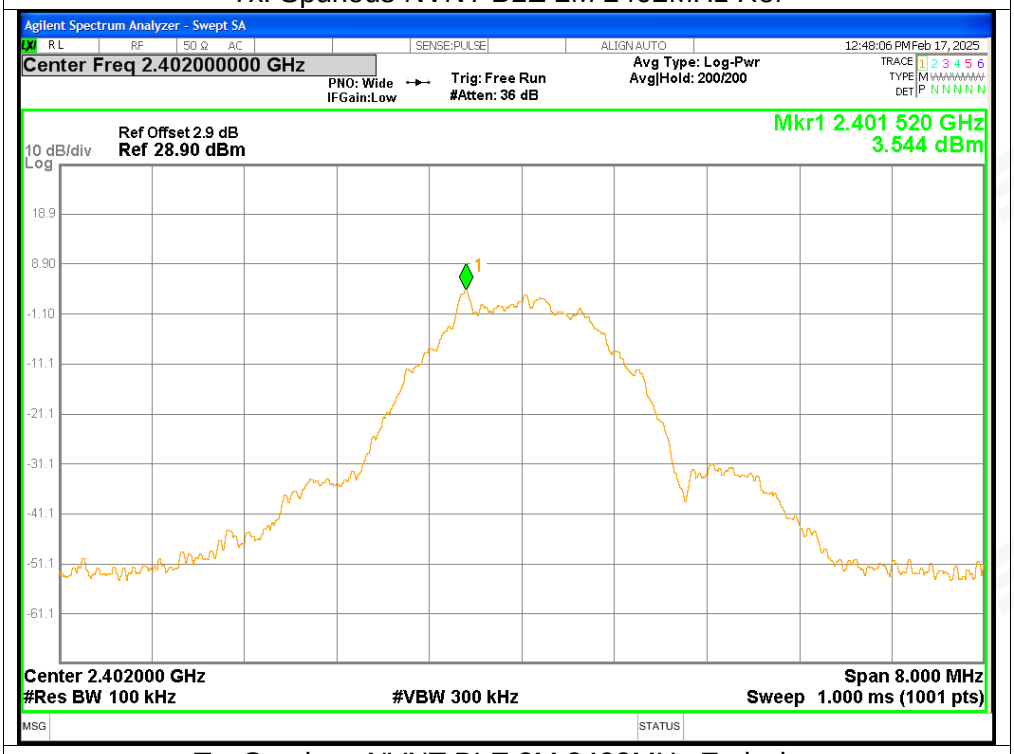
Tx. Spurious NVNT BLE 1M 2480MHz Ref



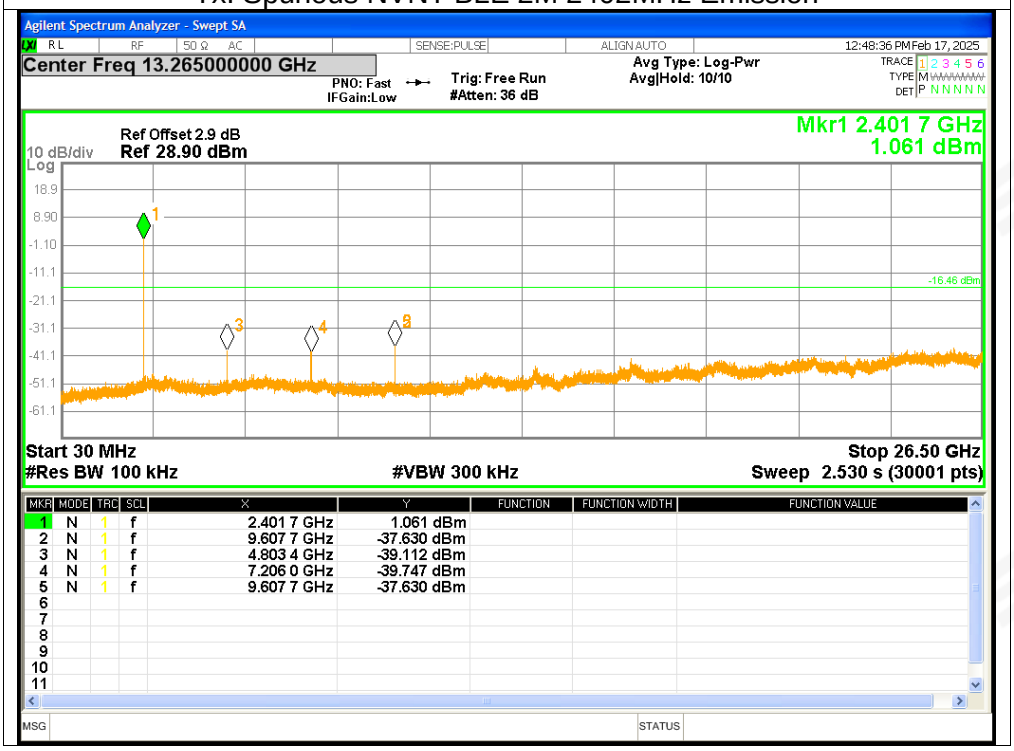
Tx. Spurious NVNT BLE 1M 2480MHz Emission



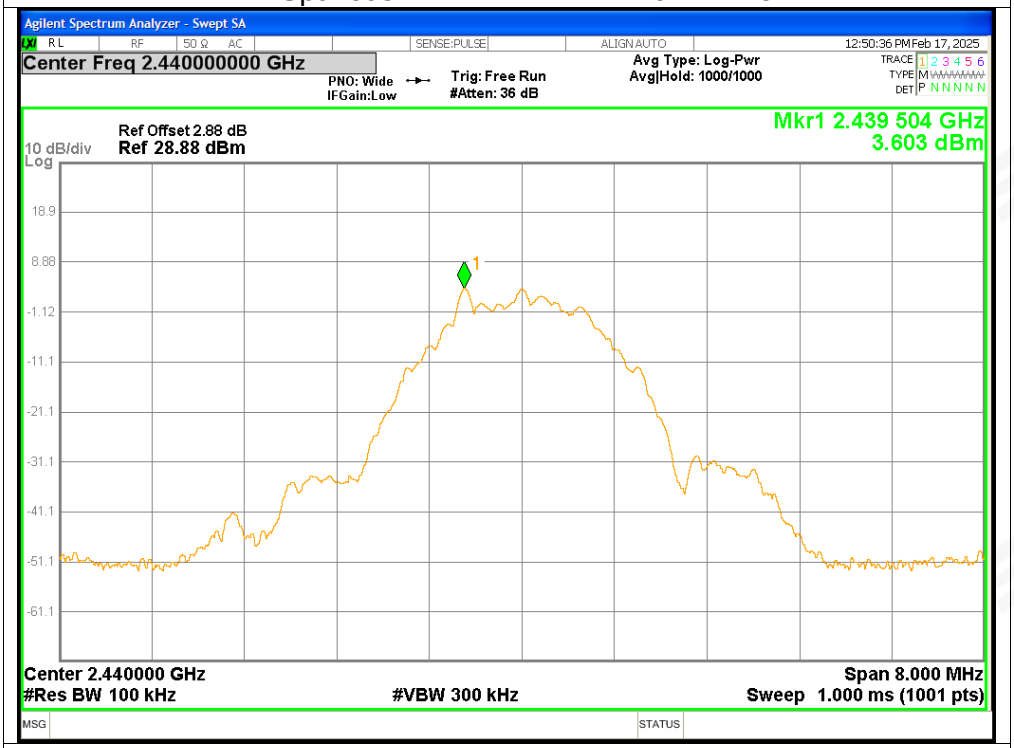
Tx. Spurious NVNT BLE 2M 2402MHz Ref



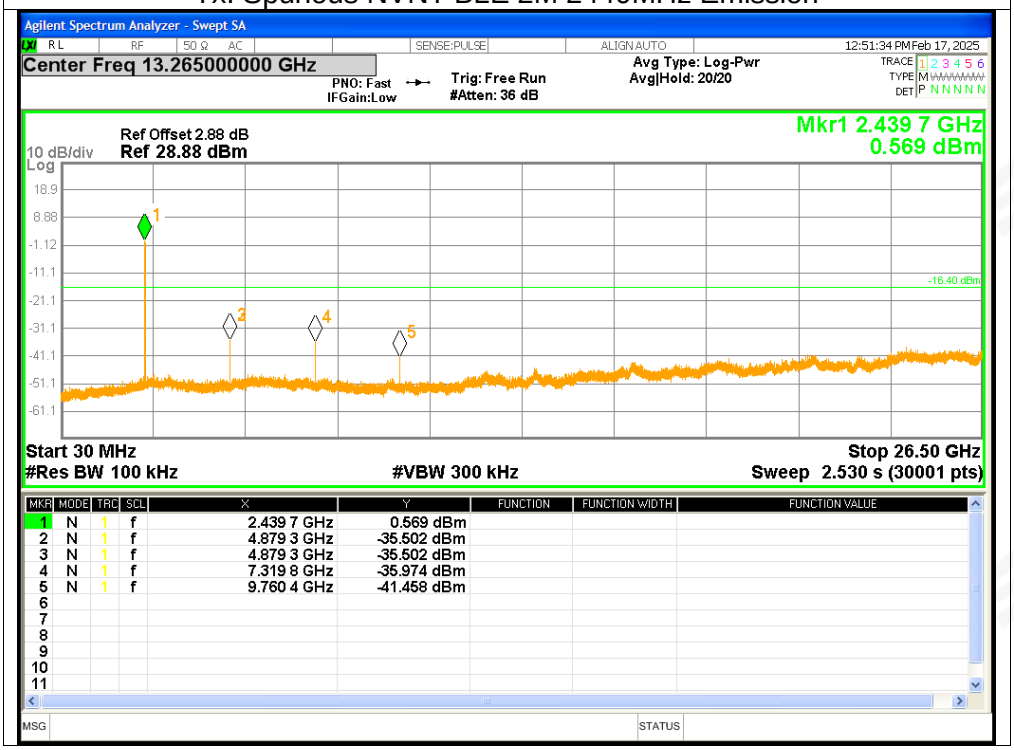
Tx. Spurious NVNT BLE 2M 2402MHz Emission



Tx. Spurious NVNT BLE 2M 2440MHz Ref

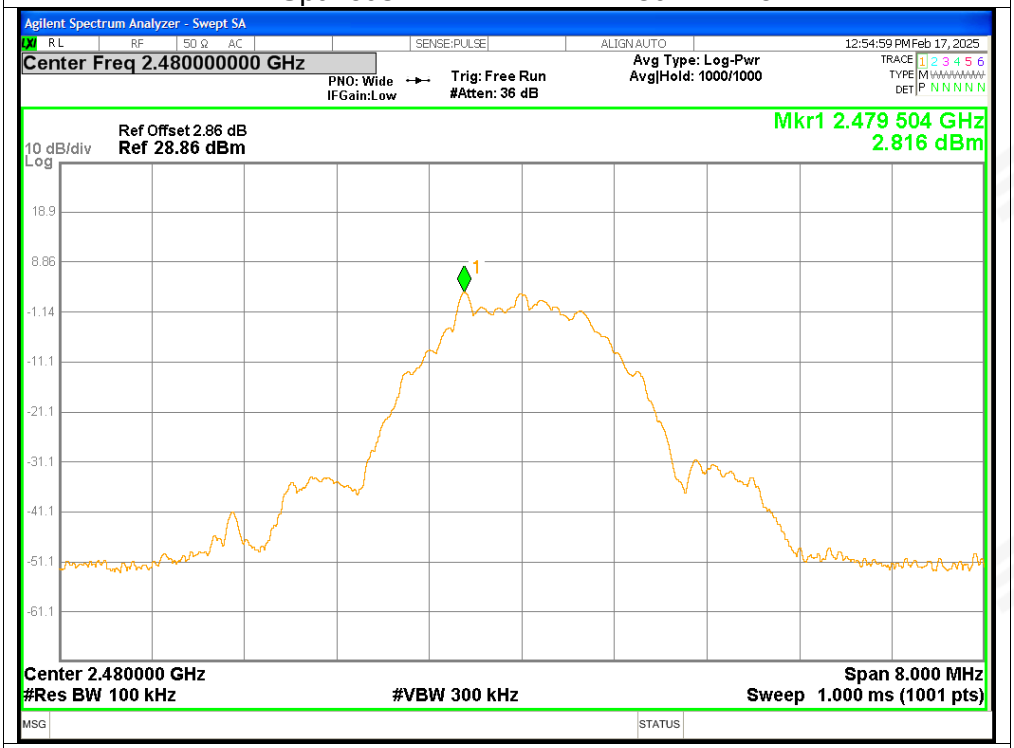


Tx. Spurious NVNT BLE 2M 2440MHz Emission

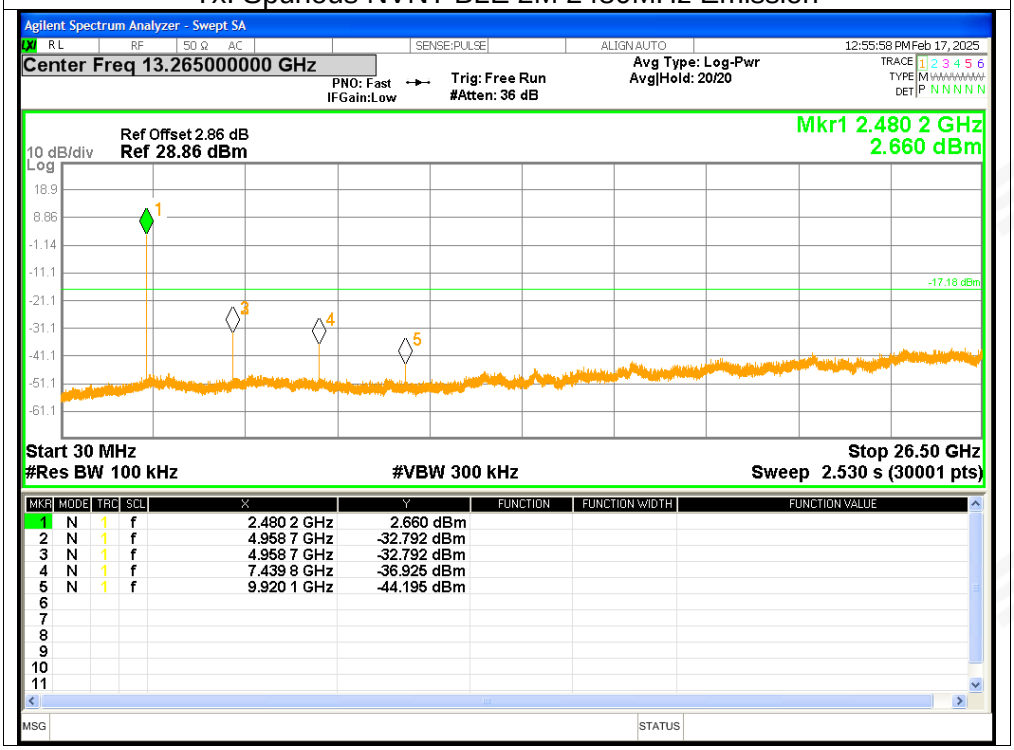


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.439 7 GHz	0.569 dBm			
2	N	1	f	4.879 3 GHz	-35.502 dBm			
3	N	1	f	4.879 3 GHz	-35.502 dBm			
4	N	1	f	7.319 8 GHz	-35.974 dBm			
5	N	1	f	9.760 4 GHz	-41.458 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT BLE 2M 2480MHz Ref



Tx. Spurious NVNT BLE 2M 2480MHz Emission



APPENDIX 2- EUT TEST PHOTO

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※