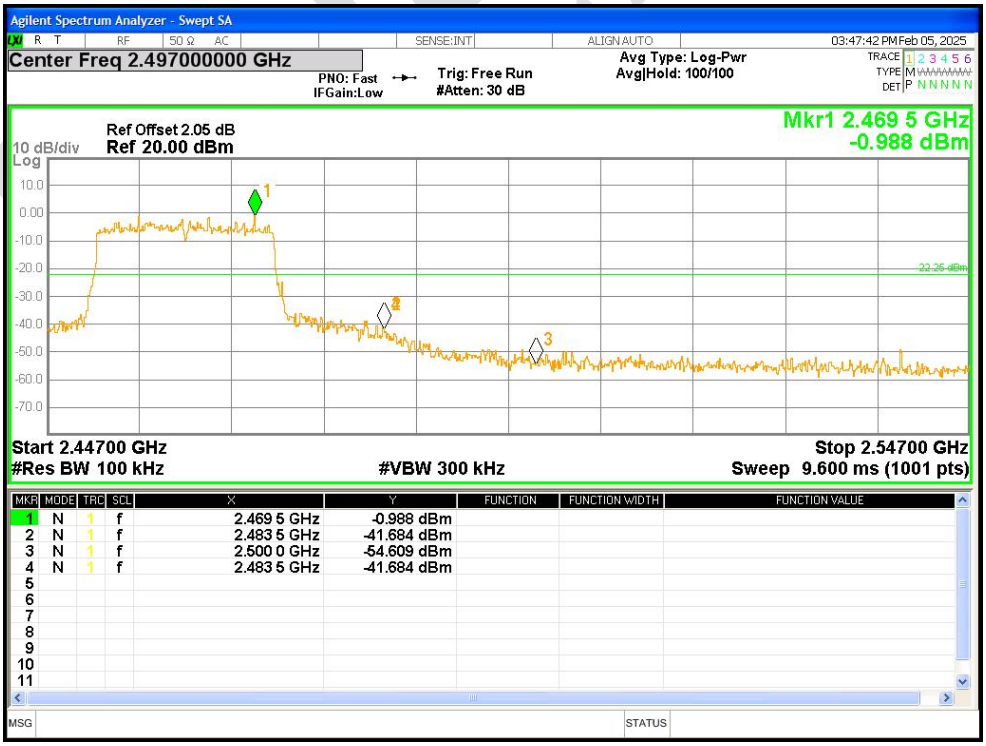
Band Edge NVNT ax20 2462MHz Ant1 Ref

Band Edge NVNT ax20 2462MHz Ant1 Emission

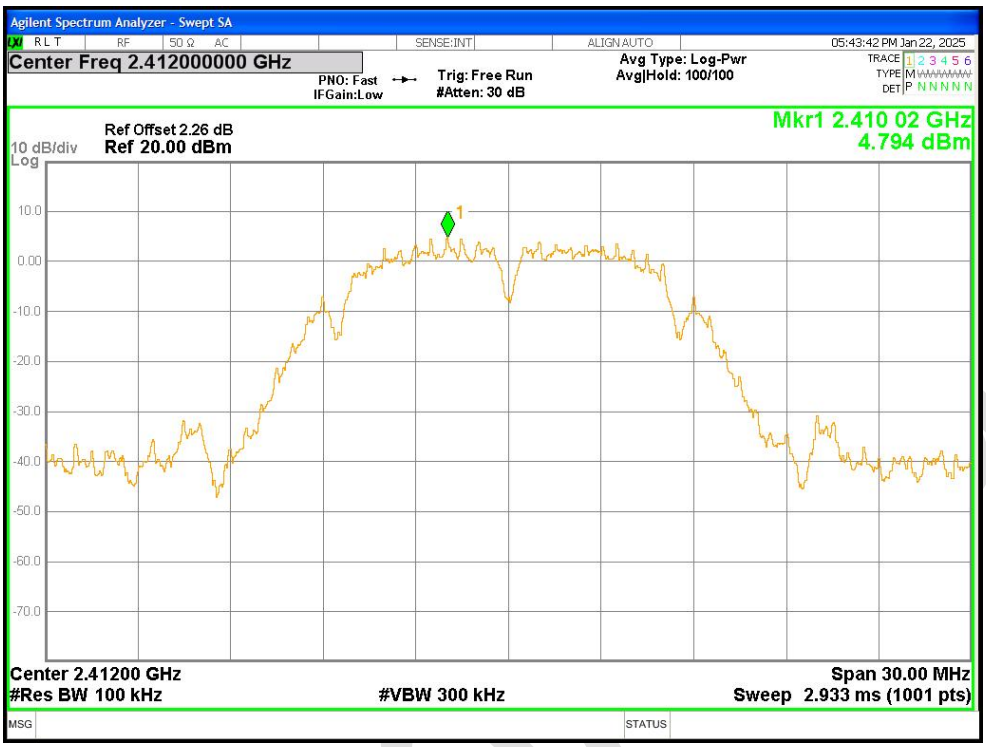


7.6 Conducted RF Spurious Emission

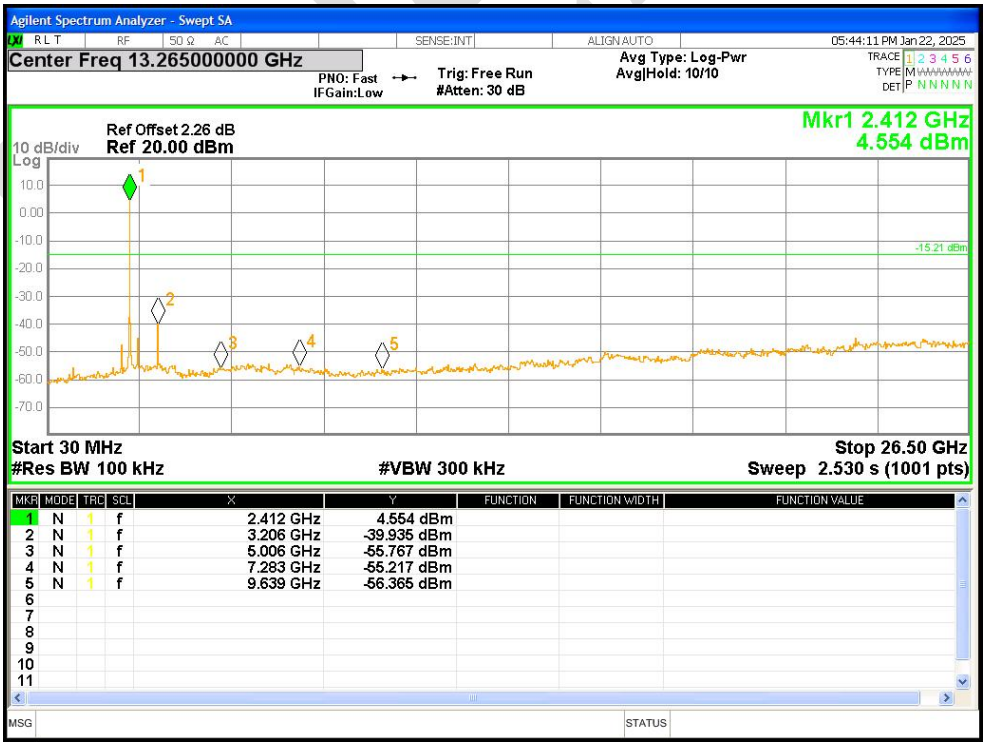
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.72	-20	Pass
NVNT	b	2437	Ant1	-44.01	-20	Pass
NVNT	b	2462	Ant1	-44	-20	Pass
NVNT	g	2412	Ant1	-29.8	-20	Pass
NVNT	g	2437	Ant1	-32.02	-20	Pass
NVNT	g	2462	Ant1	-31.64	-20	Pass
NVNT	n20	2412	Ant1	-39.68	-20	Pass
NVNT	n20	2437	Ant1	-32.63	-20	Pass
NVNT	n20	2462	Ant1	-32.45	-20	Pass
NVNT	n40	2422	Ant1	-28.92	-20	Pass
NVNT	n40	2437	Ant1	-34.93	-20	Pass
NVNT	n40	2452	Ant1	-34.4	-20	Pass
NVNT	ax20	2412	Ant1	-32.27	-20	Pass
NVNT	ax20	2437	Ant1	-39.89	-20	Pass
NVNT	ax20	2462	Ant1	-32.72	-20	Pass

BlueAsia

Tx. Spurious NVNT b 2412MHz Ant1 Ref

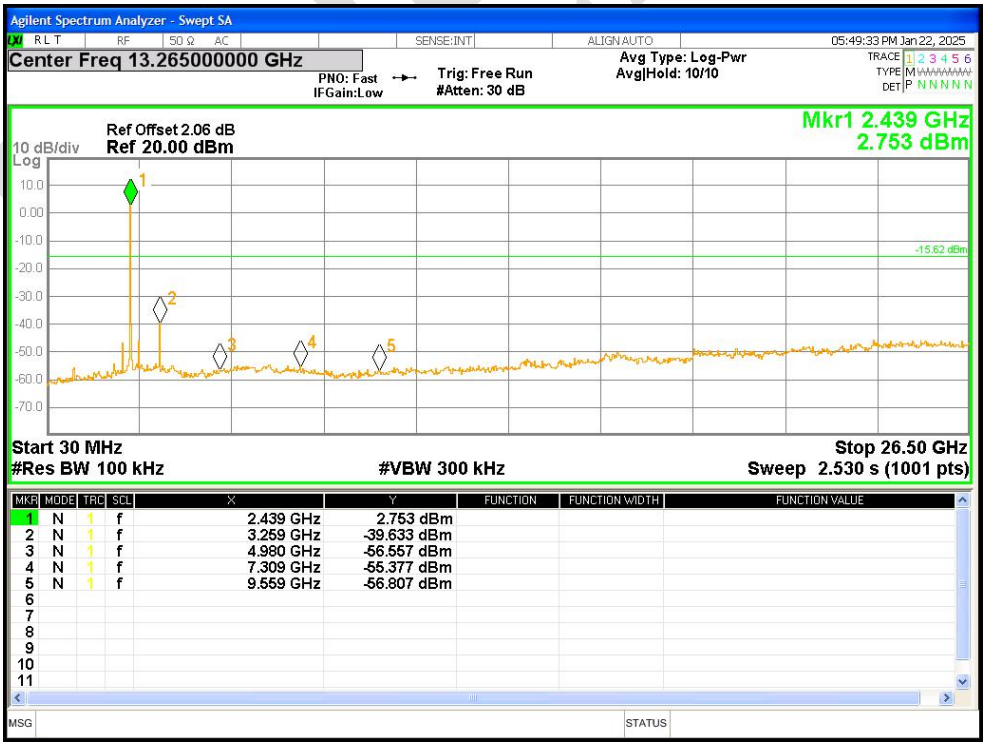


Tx. Spurious NVNT b 2412MHz Ant1 Emission

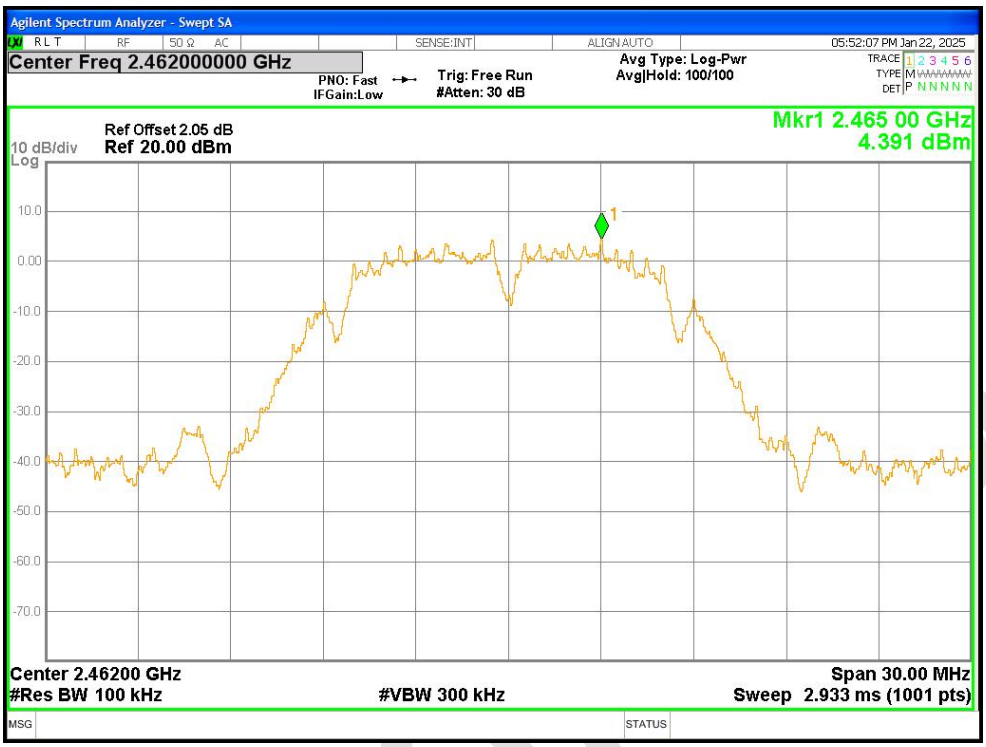


Tx. Spurious NVNT b 2437MHz Ant1 Ref

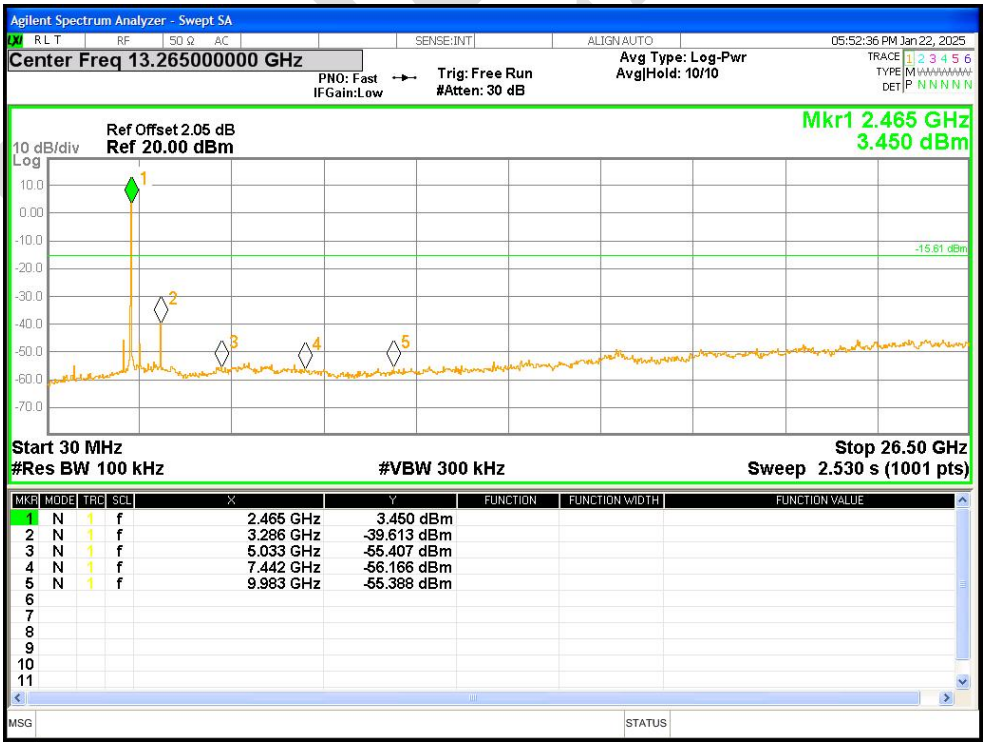
Tx. Spurious NVNT b 2437MHz Ant1 Emission



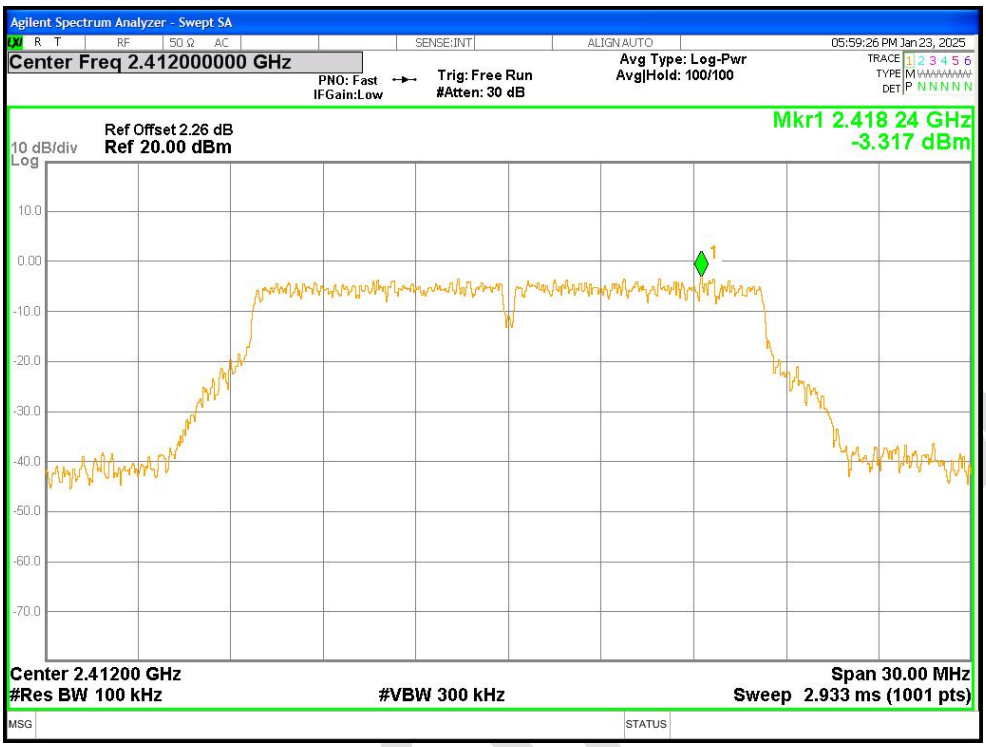
Tx. Spurious NVNT b 2462MHz Ant1 Ref



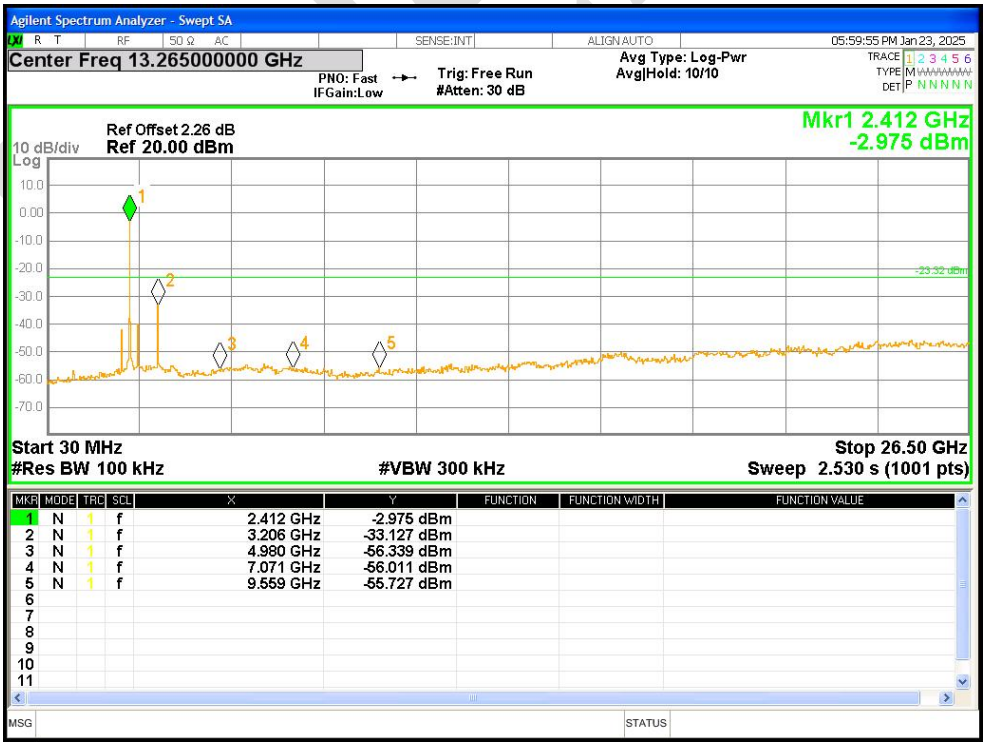
Tx. Spurious NVNT b 2462MHz Ant1 Emission



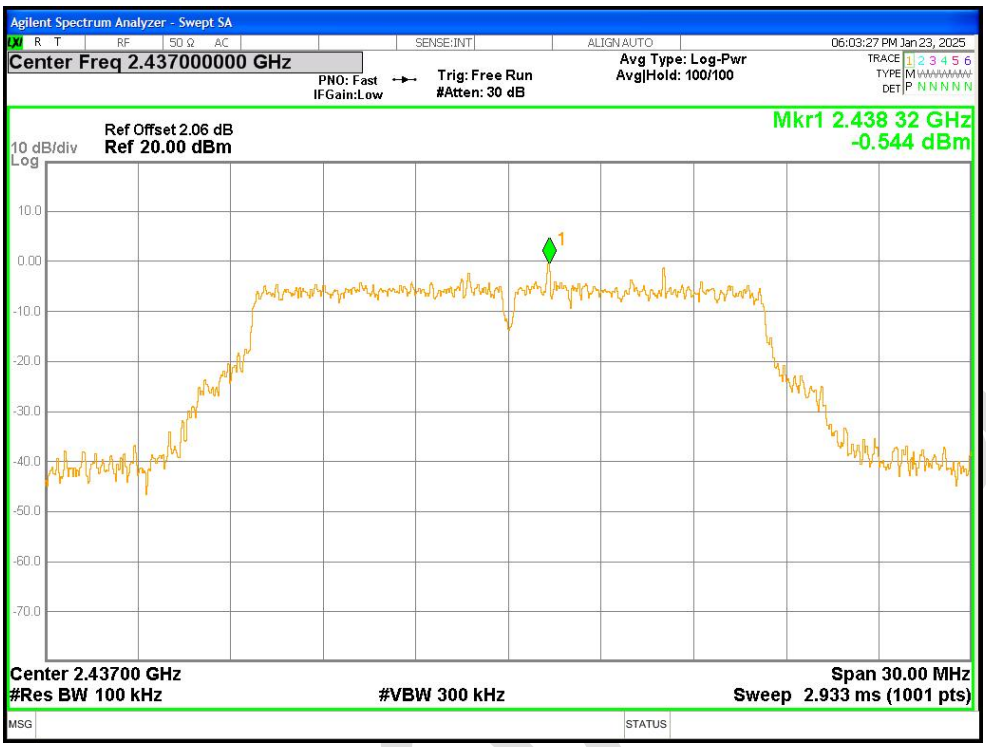
Tx. Spurious NVNT g 2412MHz Ant1 Ref



Tx. Spurious NVNT g 2412MHz Ant1 Emission

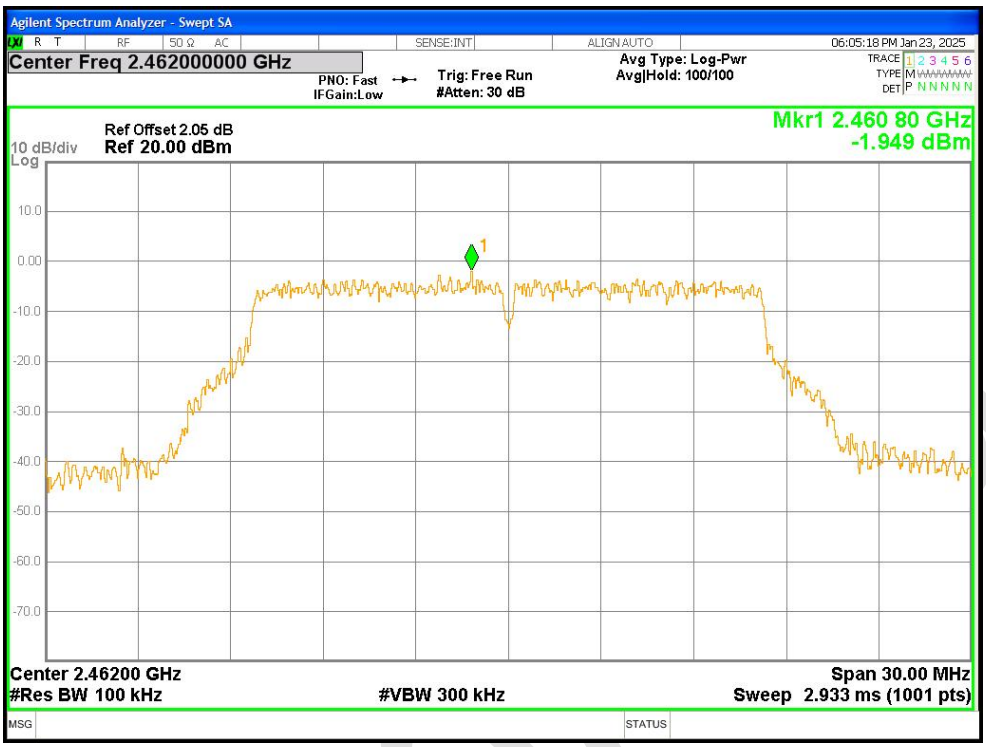


Tx. Spurious NVNT g 2437MHz Ant1 Ref



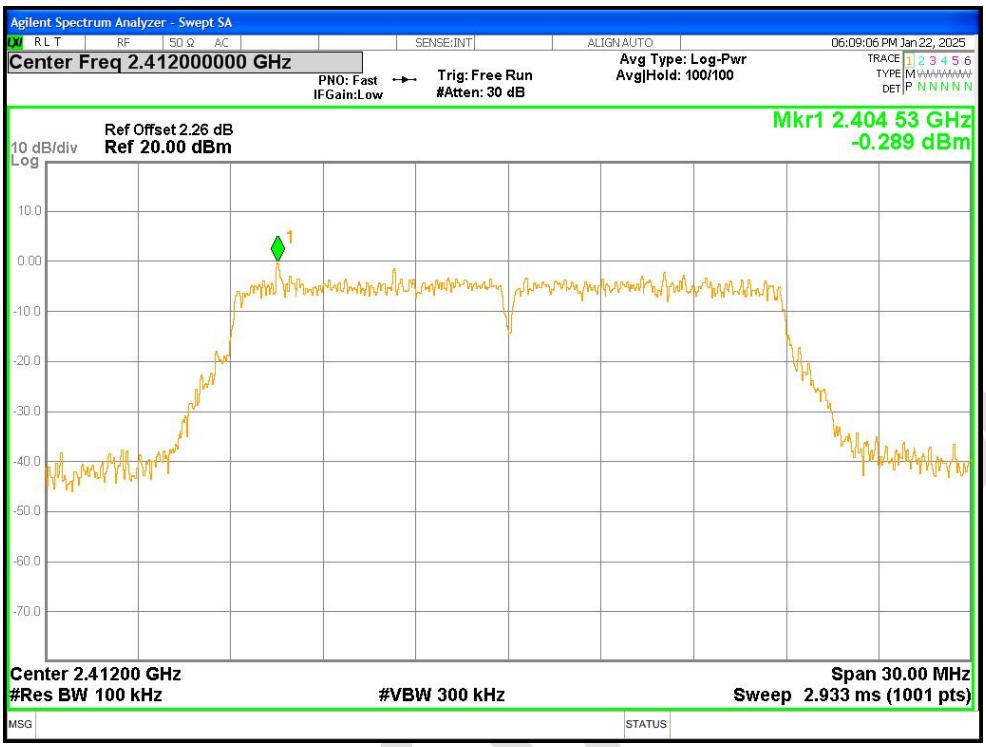
Tx. Spurious NVNT g 2437MHz Ant1 Emission

Tx. Spurious NVNT g 2462MHz Ant1 Ref

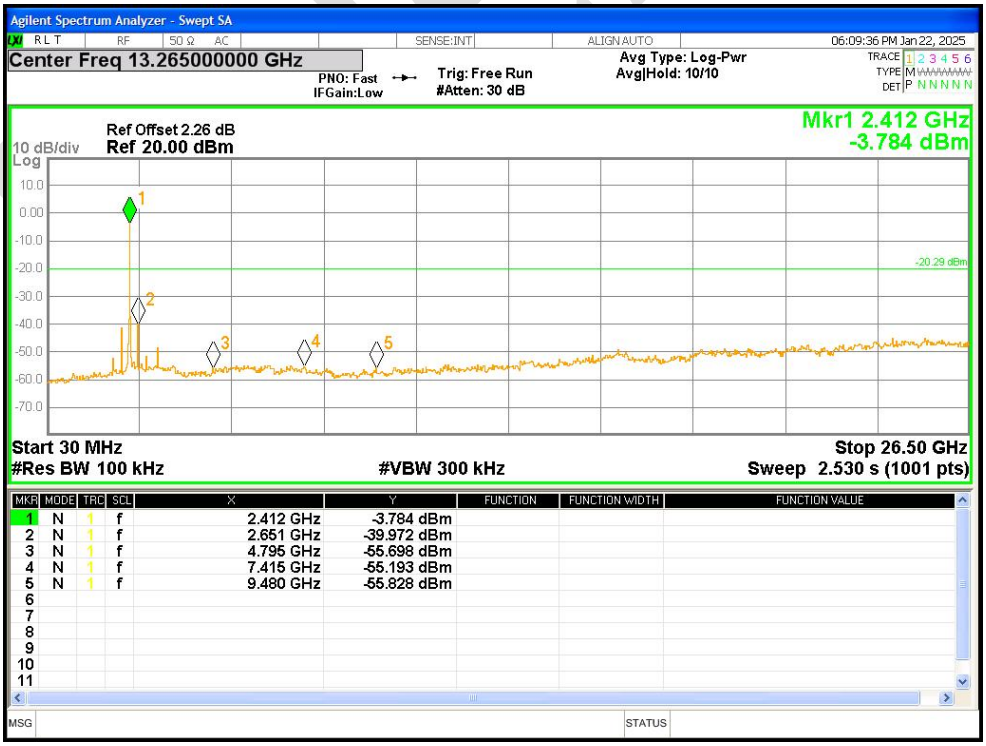


Tx. Spurious NVNT g 2462MHz Ant1 Emission

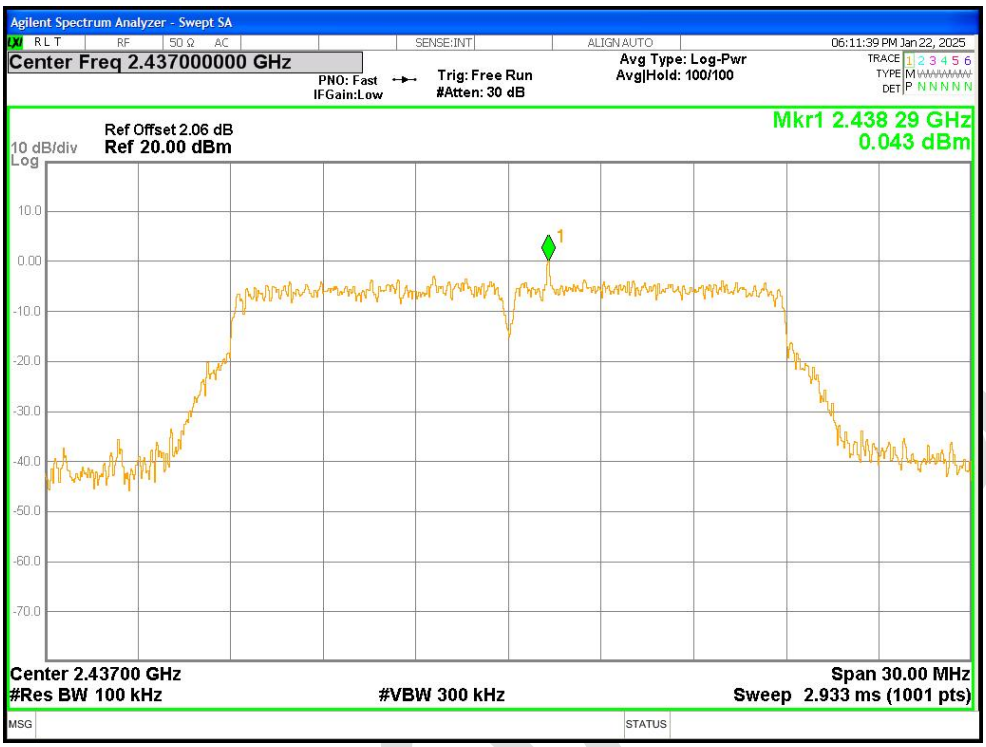
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



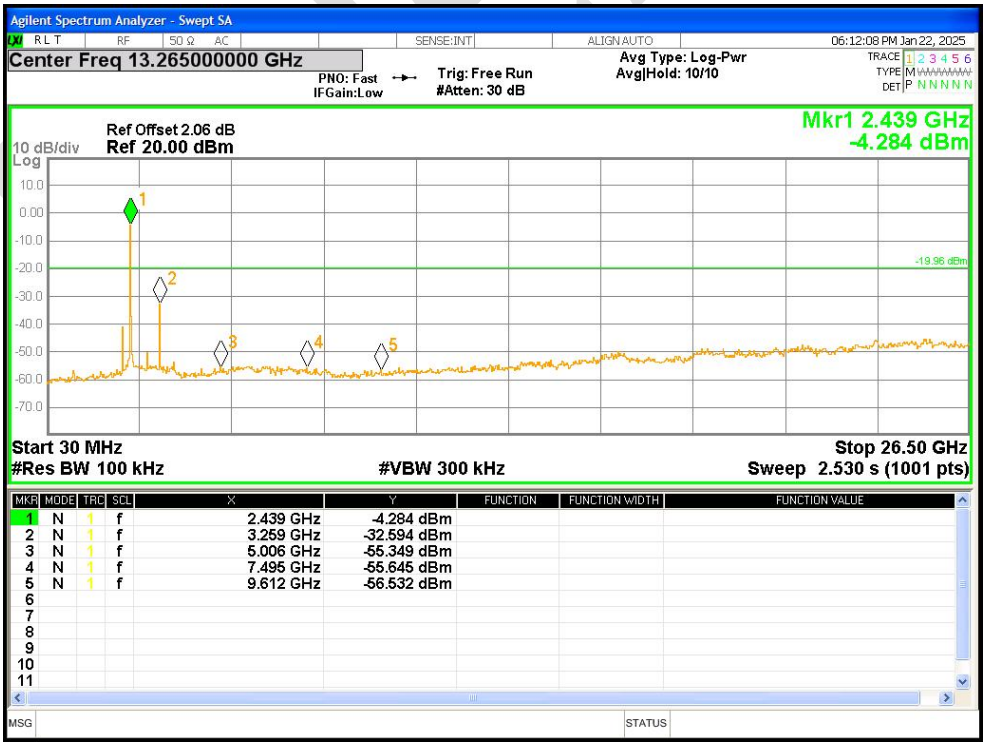
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Ref

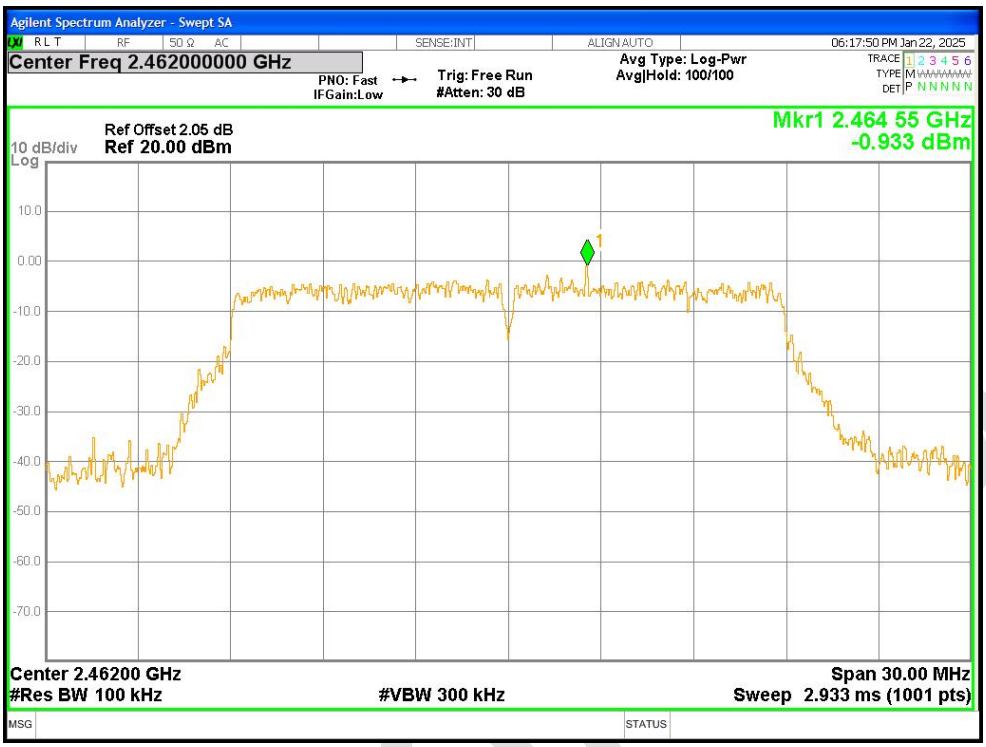


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

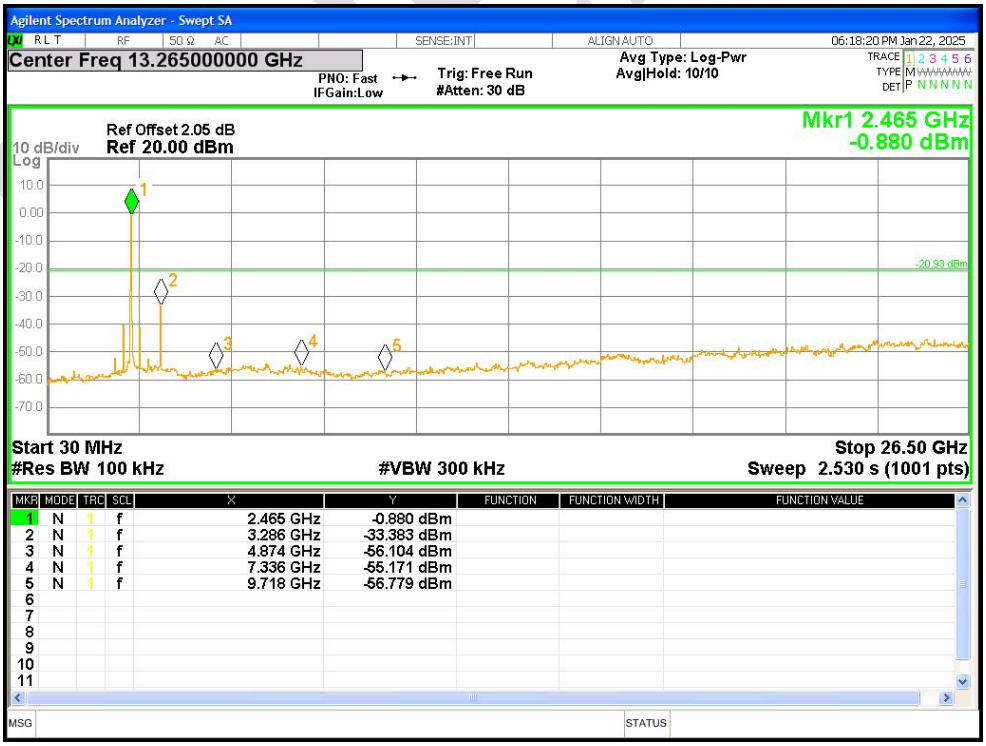


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.439 GHz	-4.284 dBm			
2	N	1	f	3.259 GHz	-32.594 dBm			
3	N	1	f	5.006 GHz	-55.349 dBm			
4	N	1	f	7.495 GHz	-55.645 dBm			
5	N	1	f	9.612 GHz	-56.532 dBm			
6								
7								
8								
9								
10								
11								

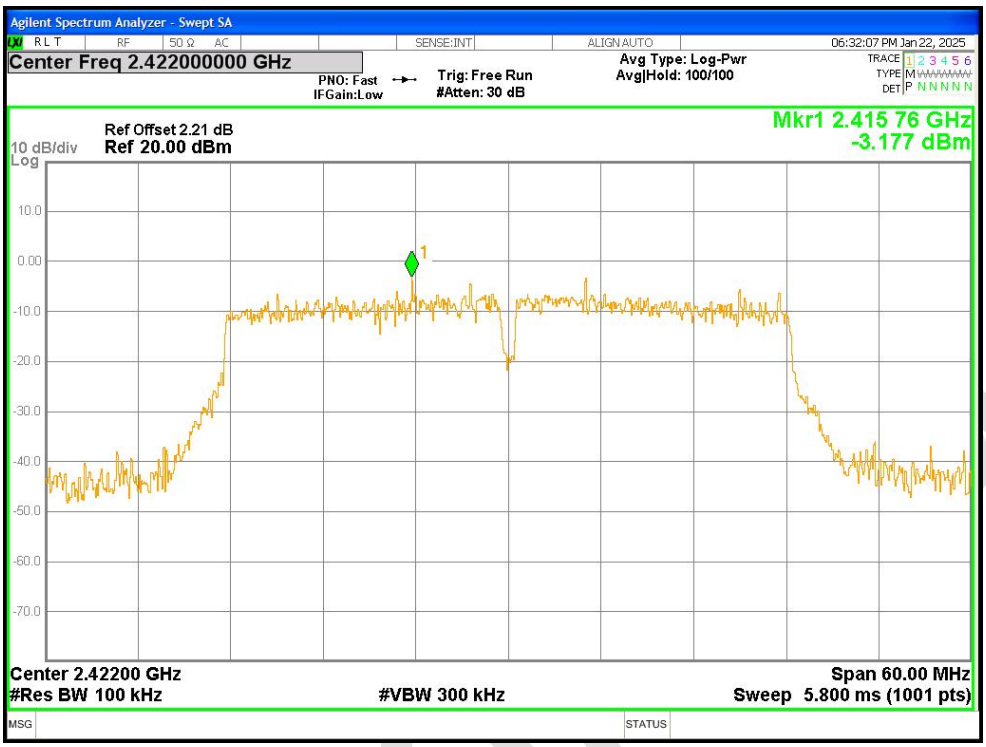
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



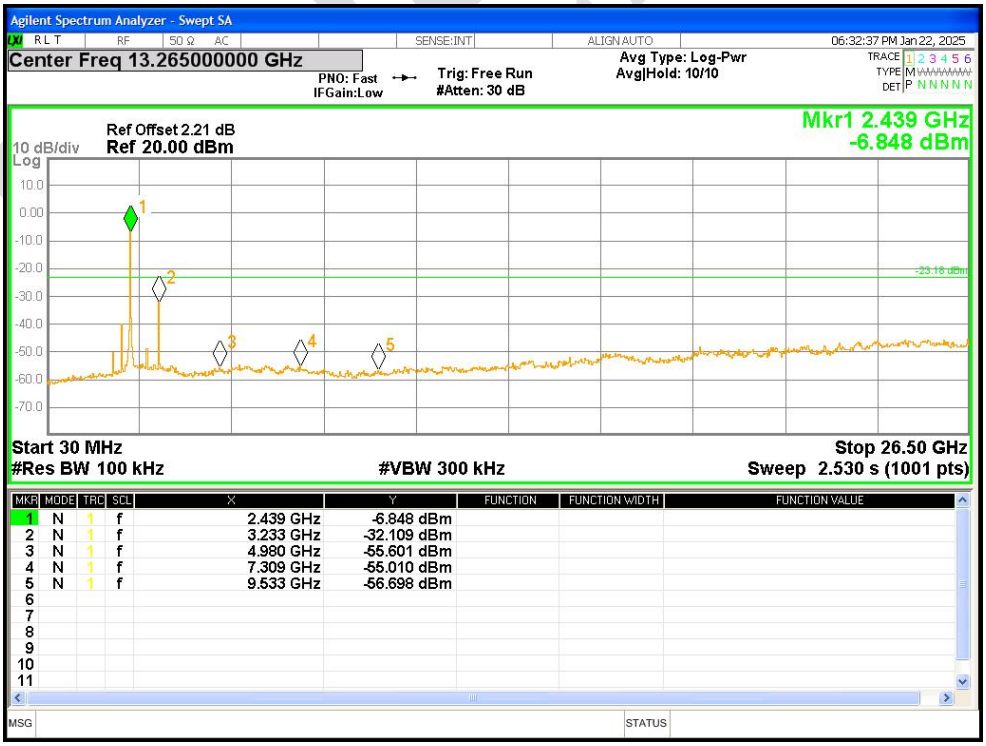
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Ref

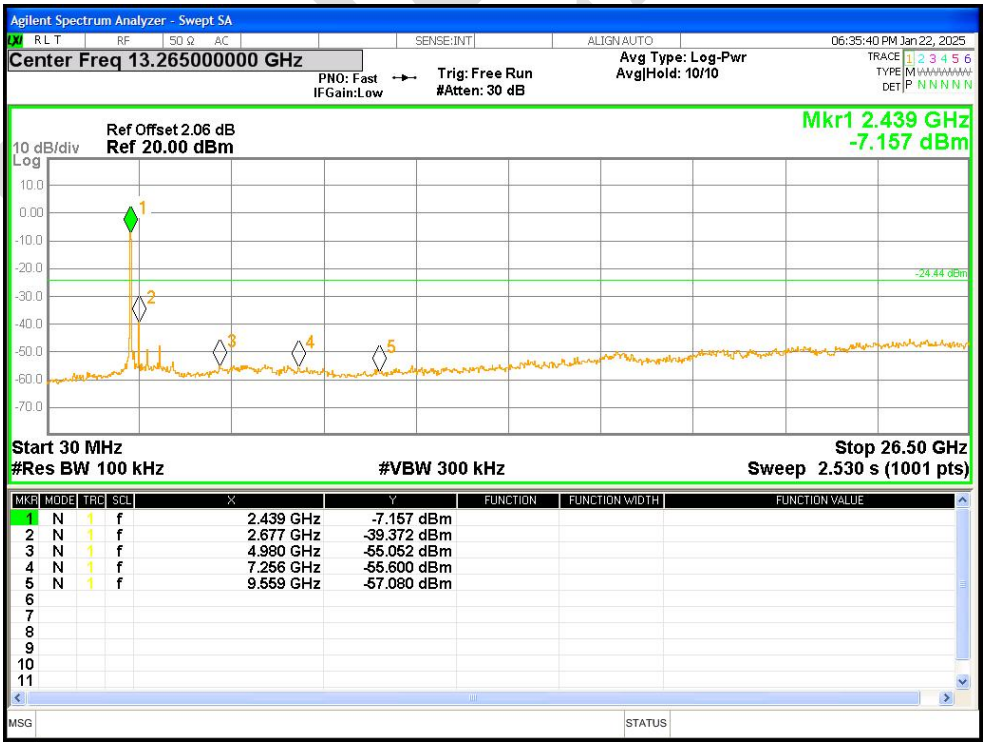


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

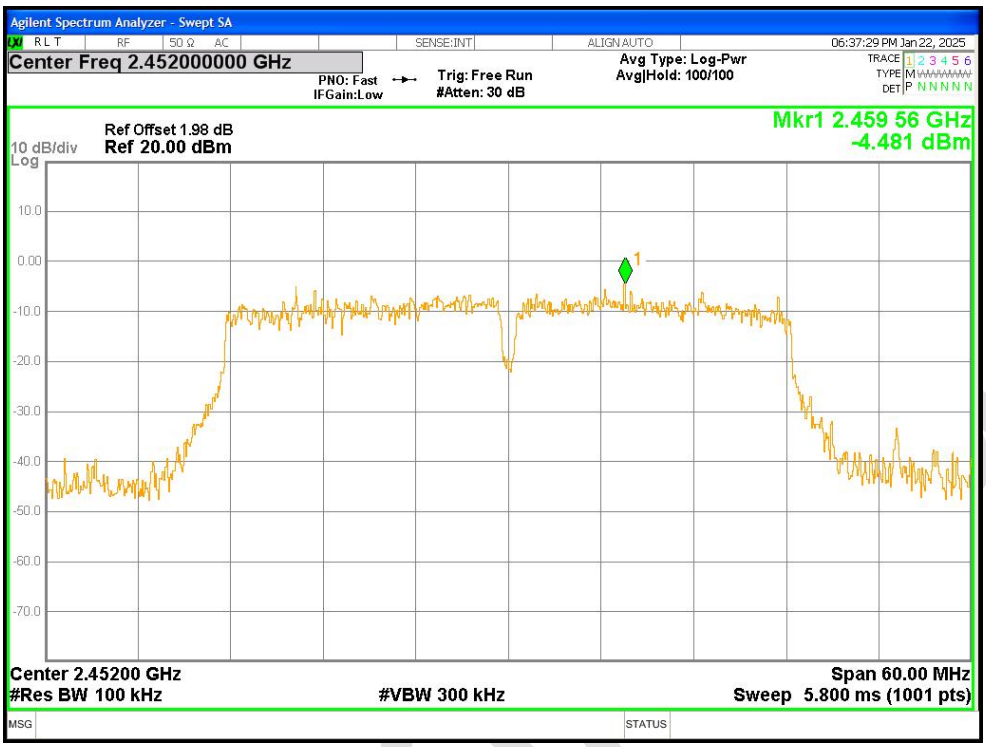


Tx. Spurious NVNT n40 2437MHz Ant1 Ref

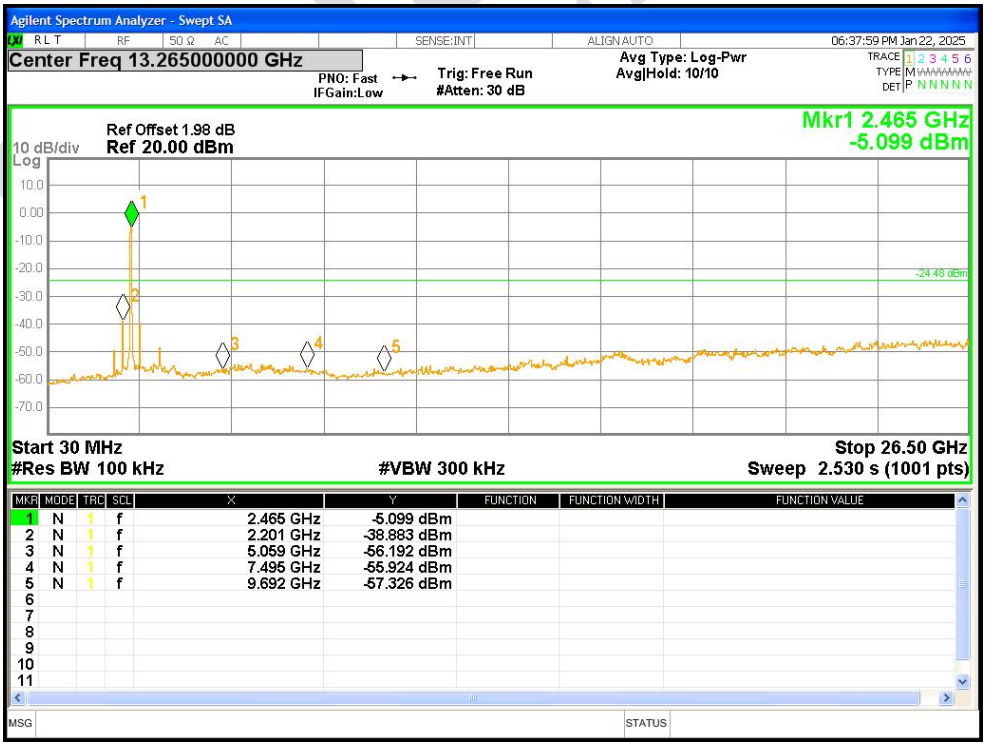
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



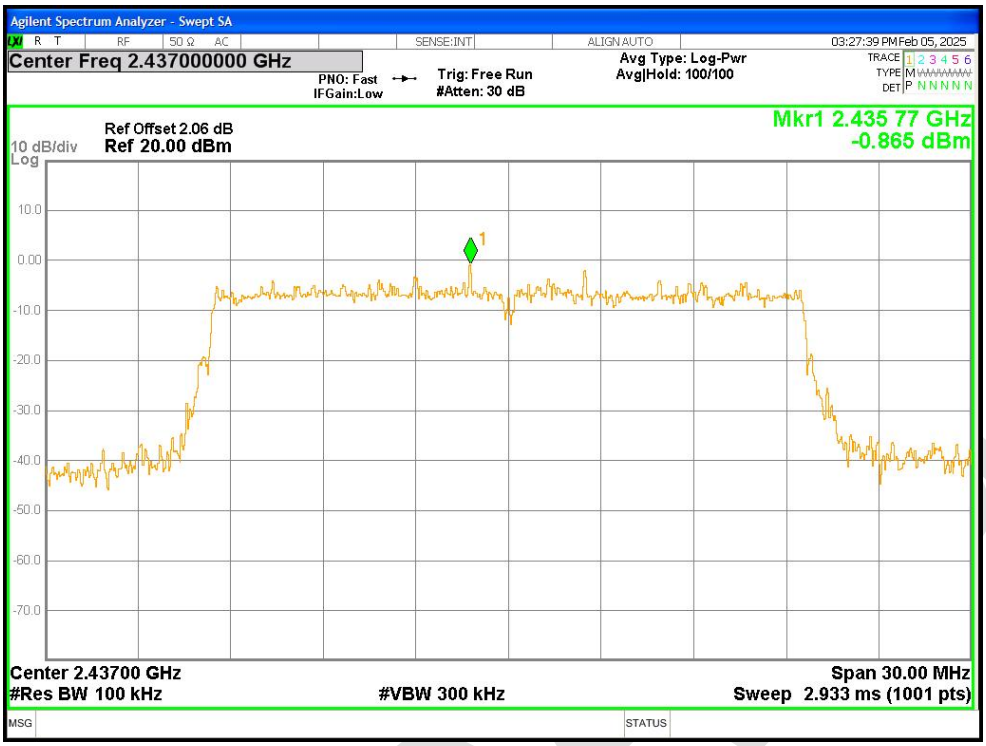
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



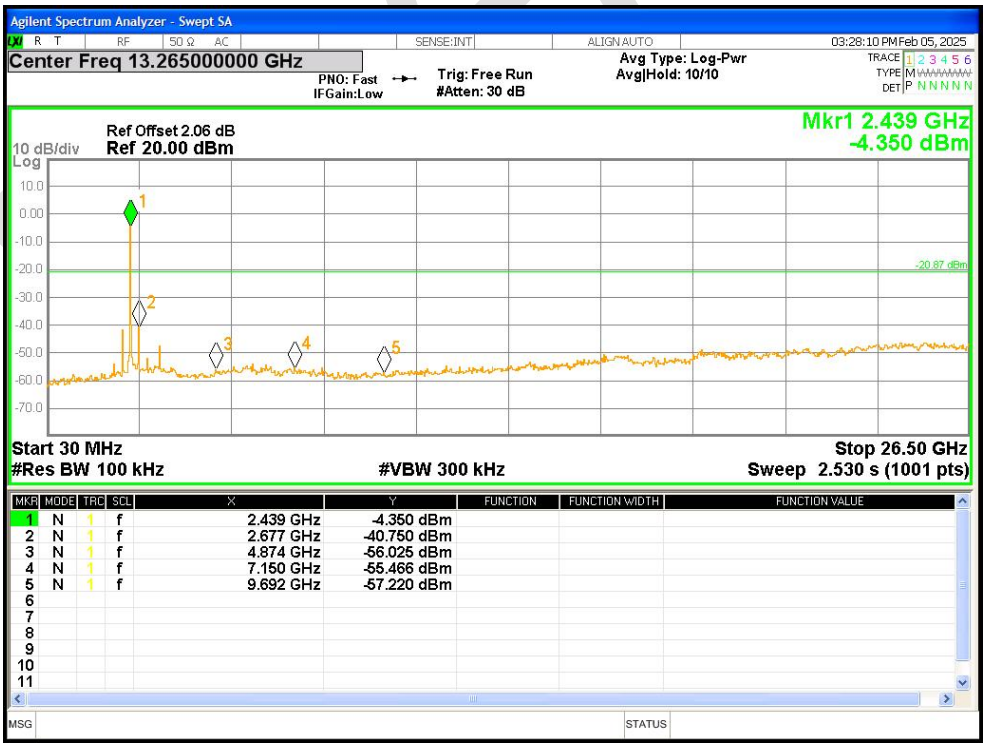
Tx. Spurious NVNT ax20 2412MHz Ant1 Ref

Tx. Spurious NVNT ax20 2412MHz Ant1 Emission

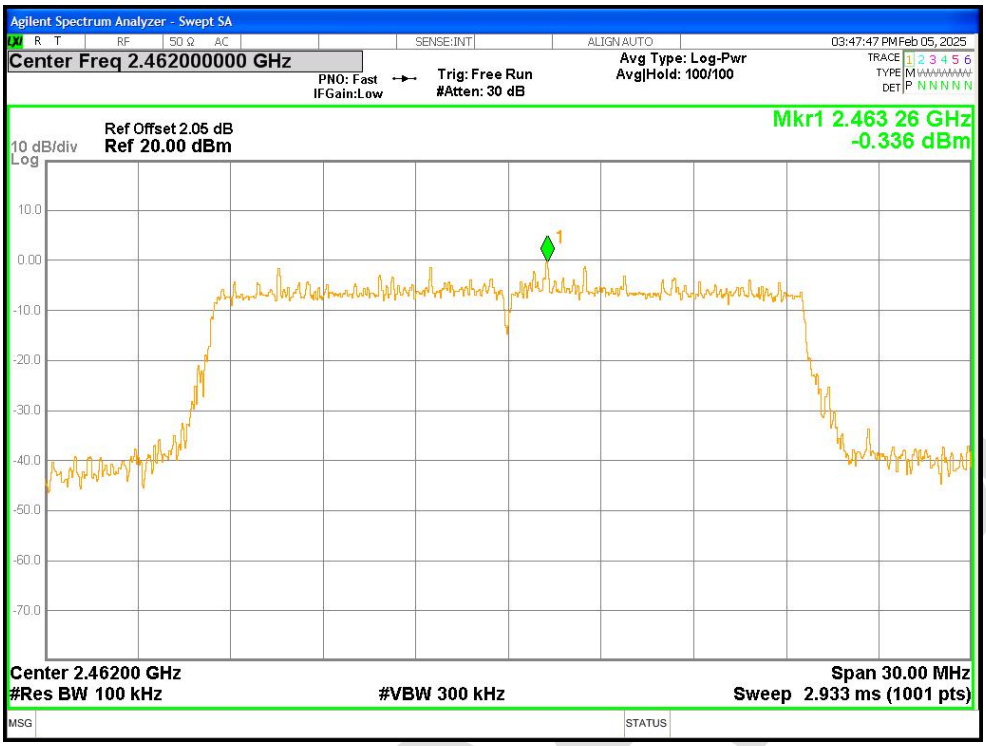
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



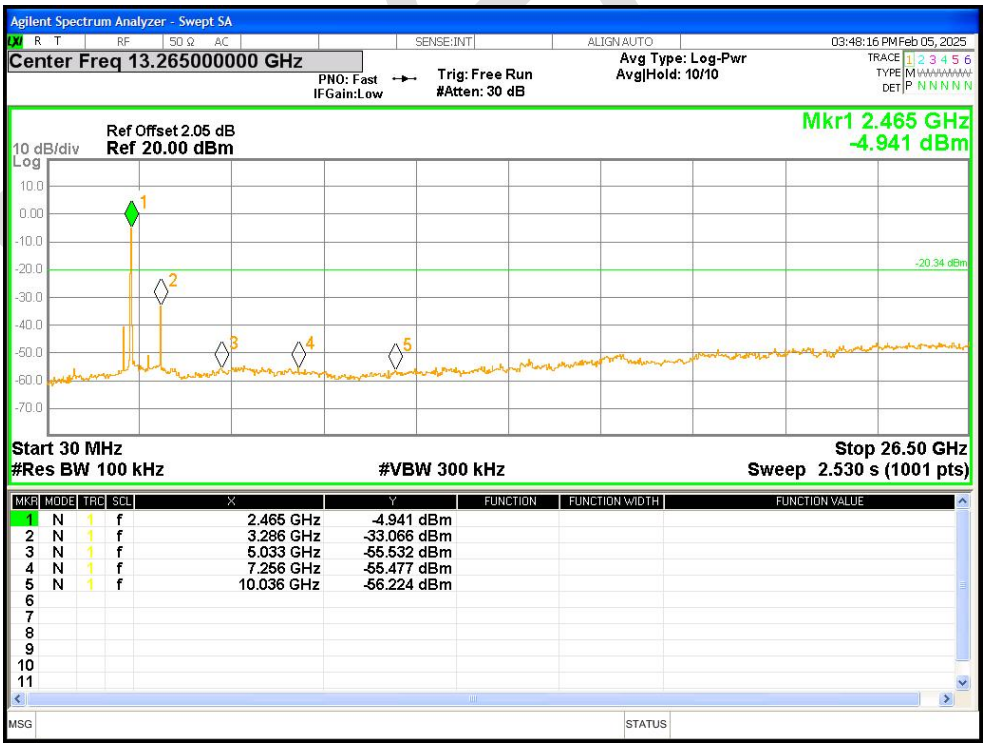
Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



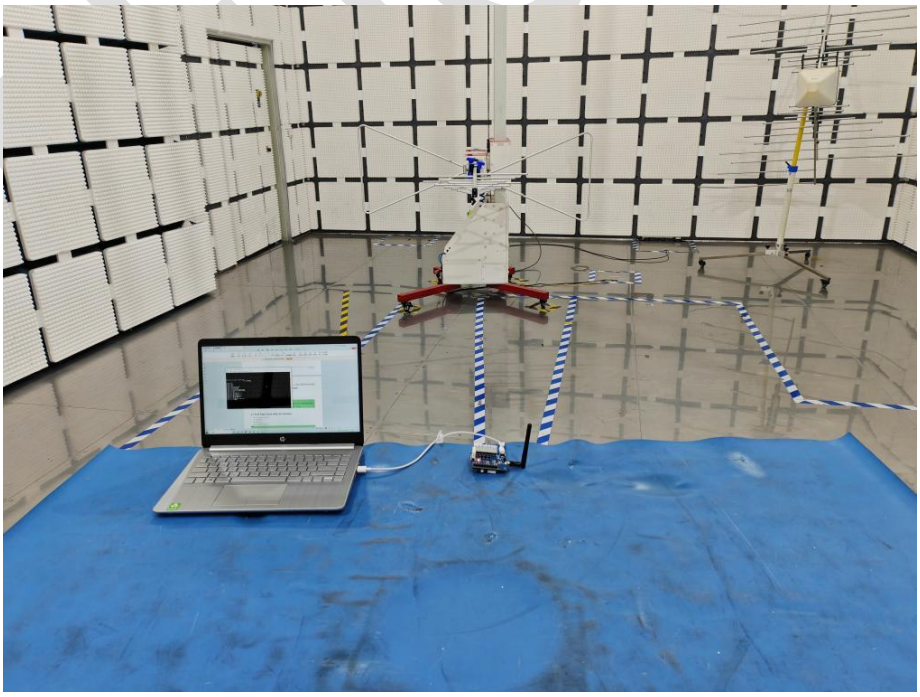
Tx. Spurious NVNT ax20 2462MHz Ant1 Emission



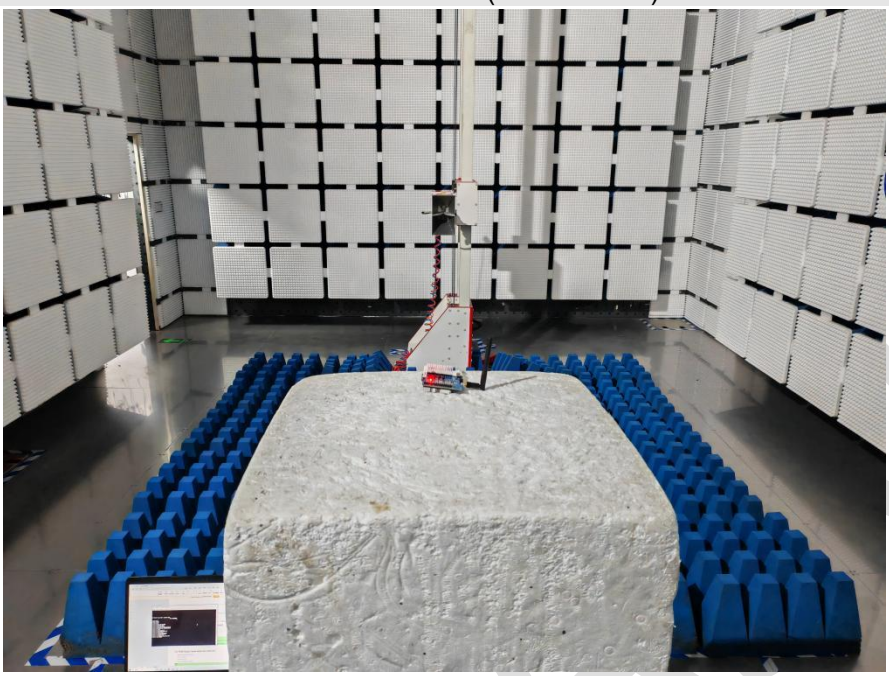
Appendix B: photographs of test setup

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

Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)



BlueAsia

Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202501-A5301

BlueAsia

----END OF REPORT----

The test report is effective only with both signature and specialized stamp, the result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.