

Appendix A

RF Test Data for 2.4G (Conducted Measurement)

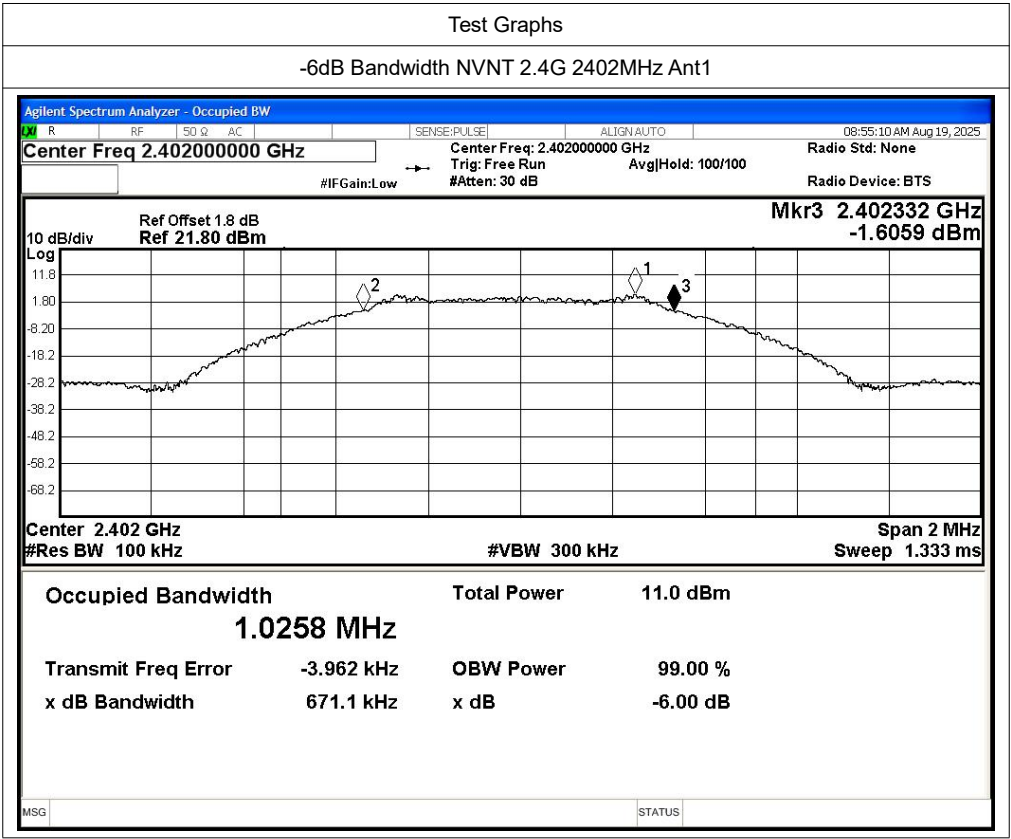
Product Name: Remote Control
Test Model: FW05

Environmental Conditions

Temperature:	24.3°C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ting He
Supervised by:	Fengliu Tang

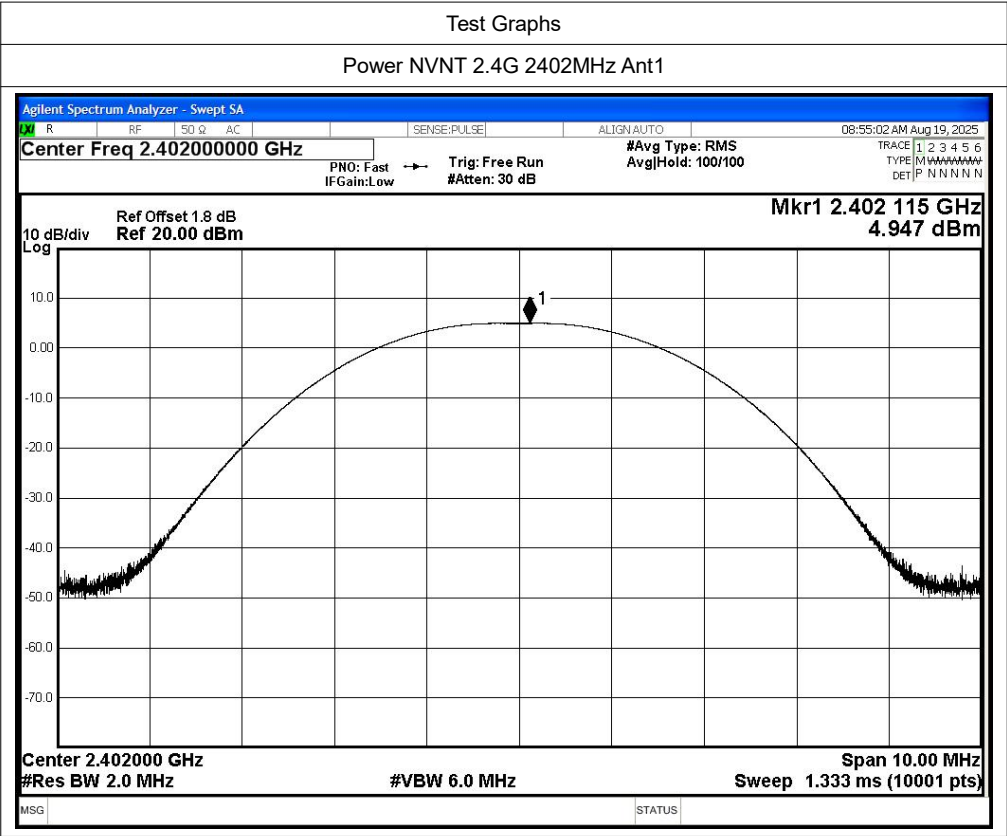
A.1
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2.4G	2402	Ant1	0.671	>=0.5	Pass



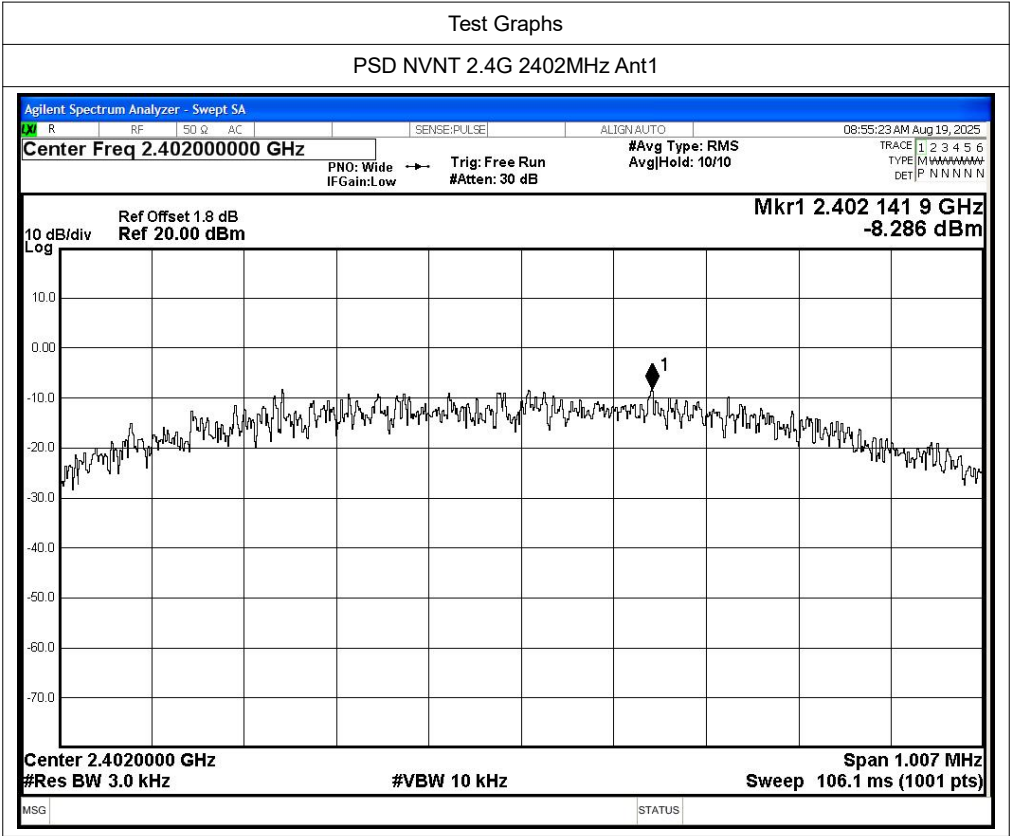
A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2402	Ant1	4.95	30	Pass



A.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	2.4G	2402	Ant1	-8.29	8	Pass

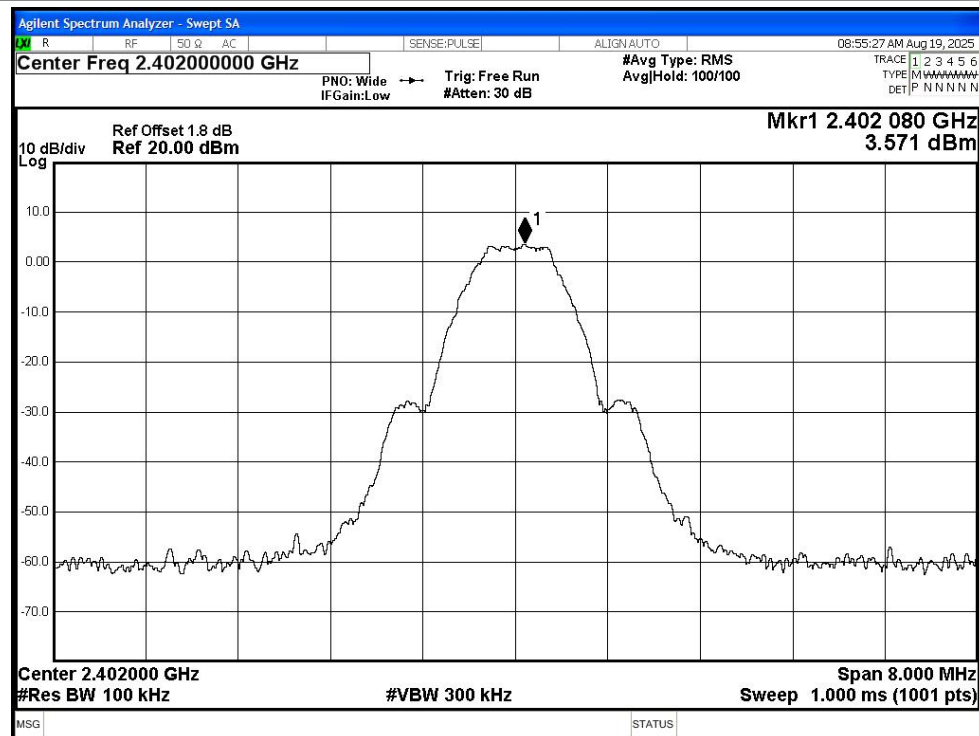


A.4 Band Edge

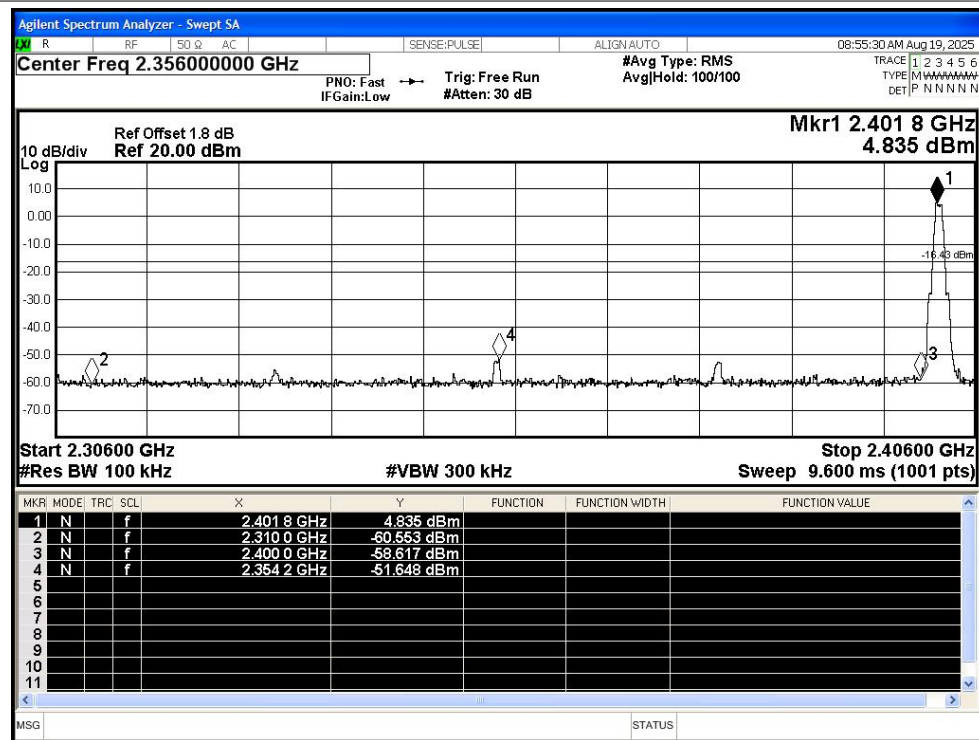
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2402	Ant1	-55.22	-20	Pass
NVNT	2.4G	2402	Ant1	-61.58	-20	Pass

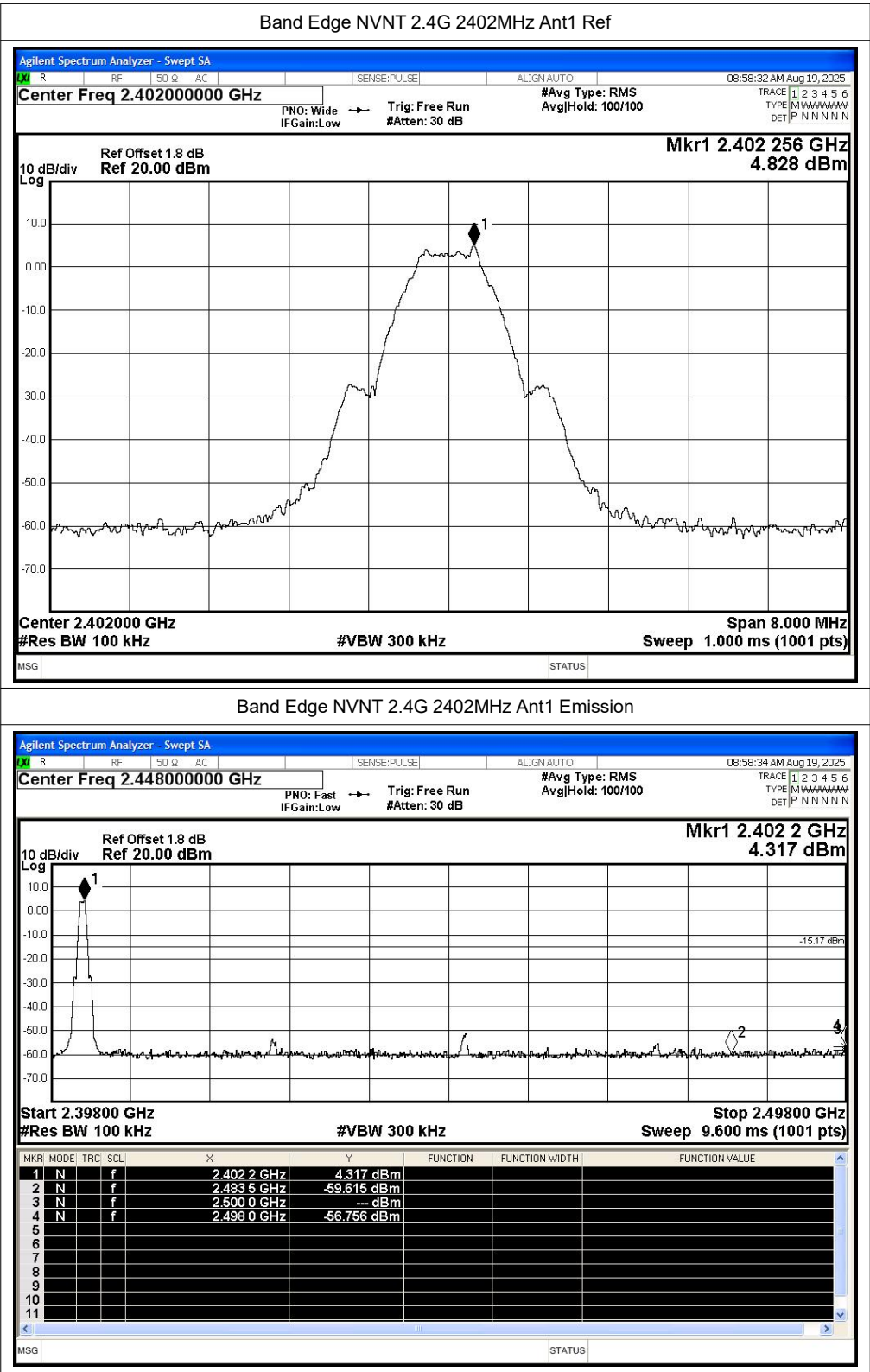
Test Graphs

Band Edge NVNT 2.4G 2402MHz Ant1 Ref



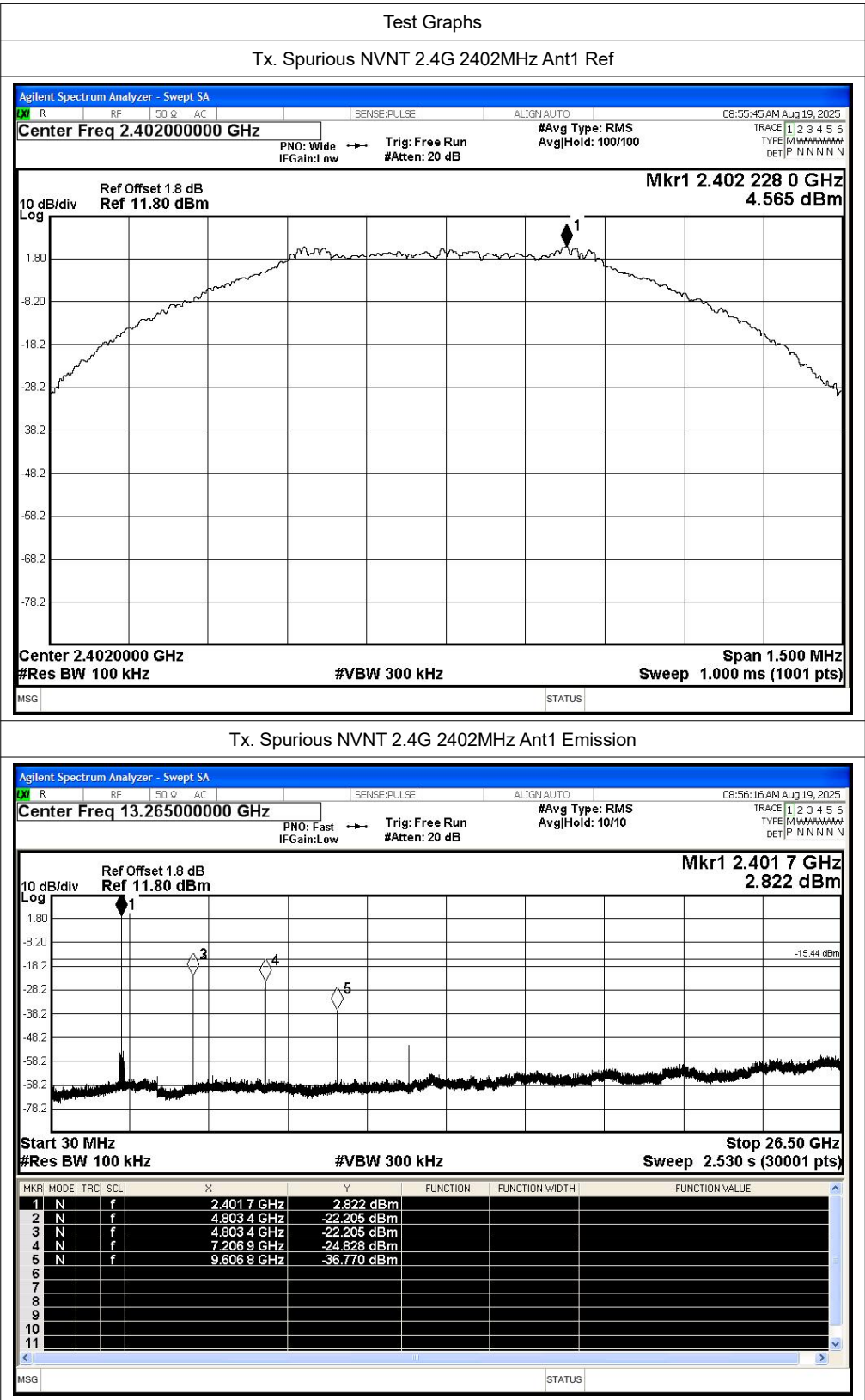
Band Edge NVNT 2.4G 2402MHz Ant1 Emission





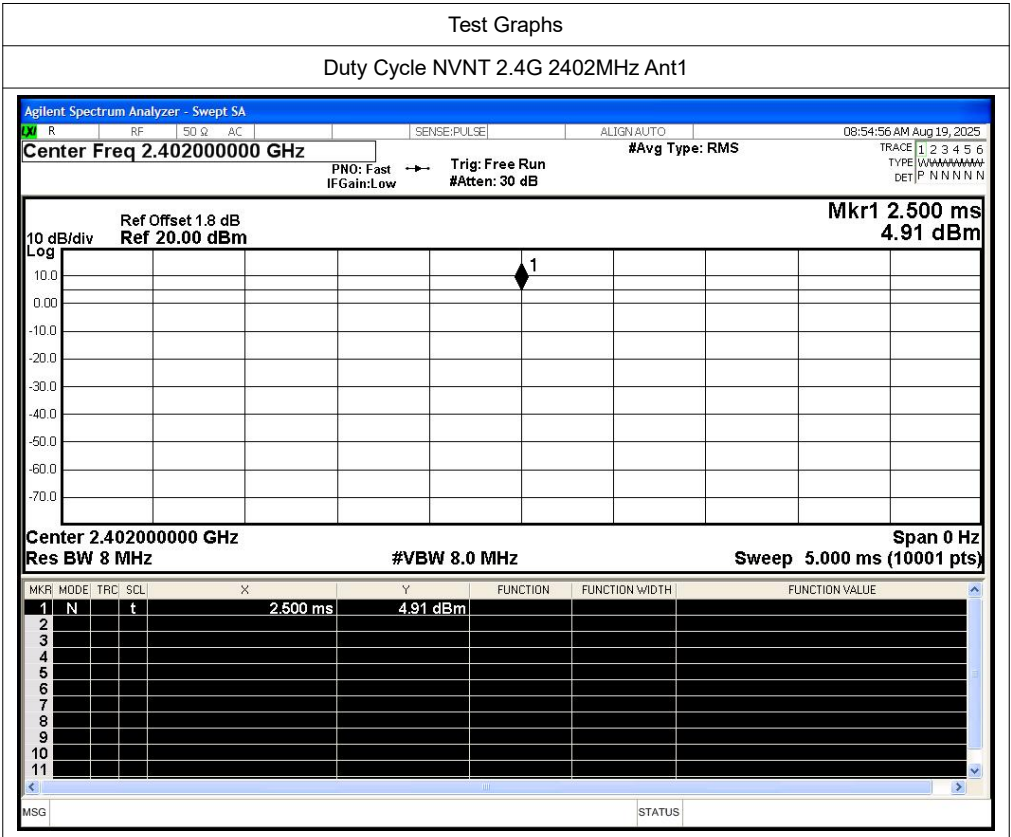
A.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2402	Ant1	-26.77	-20	Pass



A.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	2.4G	2402	Ant1	100	0	0



A.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	2.4G	2402	Ant1	2310	-51.01	2	-	46.25	Peak	74	Pass
NVNT	2.4G	2402	Ant1	2310	-58.83	2	0	38.43	Average	54	Pass
NVNT	2.4G	2402	Ant1	2378.352	-45.31	2	-	51.95	Peak	74	Pass
NVNT	2.4G	2402	Ant1	2354.064	-52.28	2	0	44.98	Average	54	Pass
NVNT	2.4G	2402	Ant1	2390	-49.41	2	-	47.85	Peak	74	Pass
NVNT	2.4G	2402	Ant1	2390	-58.48	2	0	38.78	Average	54	Pass
NVNT	2.4G	2402	Ant1	2483.5	-49.62	2	-	47.64	Peak	74	Pass
NVNT	2.4G	2402	Ant1	2483.5	-58.41	2	0	38.85	Average	54	Pass
NVNT	2.4G	2402	Ant1	2497.654	-47.35	2	-	49.91	Peak	74	Pass
NVNT	2.4G	2402	Ant1	2498.164	-56.34	2	0	40.92	Average	54	Pass
NVNT	2.4G	2402	Ant1	2500	-51.33	2	-	45.93	Peak	74	Pass
NVNT	2.4G	2402	Ant1	2500	-58.14	2	0	39.12	Average	54	Pass

