

Appendix: 2479MHz

Contents

Duty Cycle 3

Maximum Peak Conducted Output Power 5

-6dB Bandwidth 7

Occupied Channel Bandwidth 9

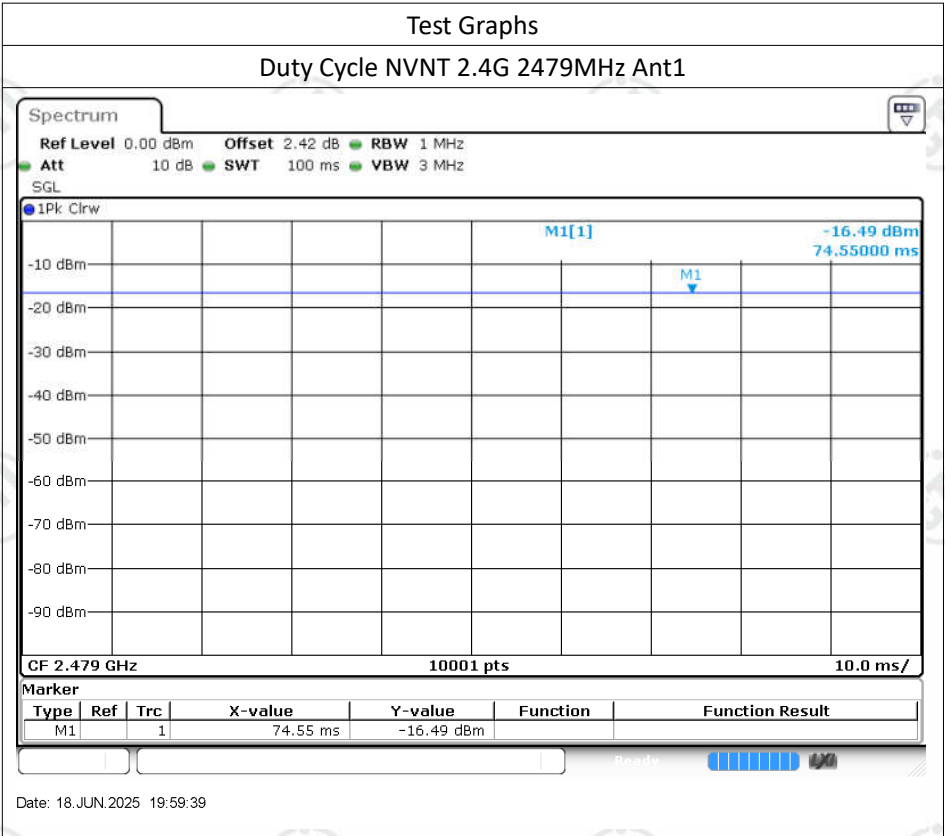
Maximum Power Spectral Density Level 11

Band Edge 13

Conducted Spurious Emission 16

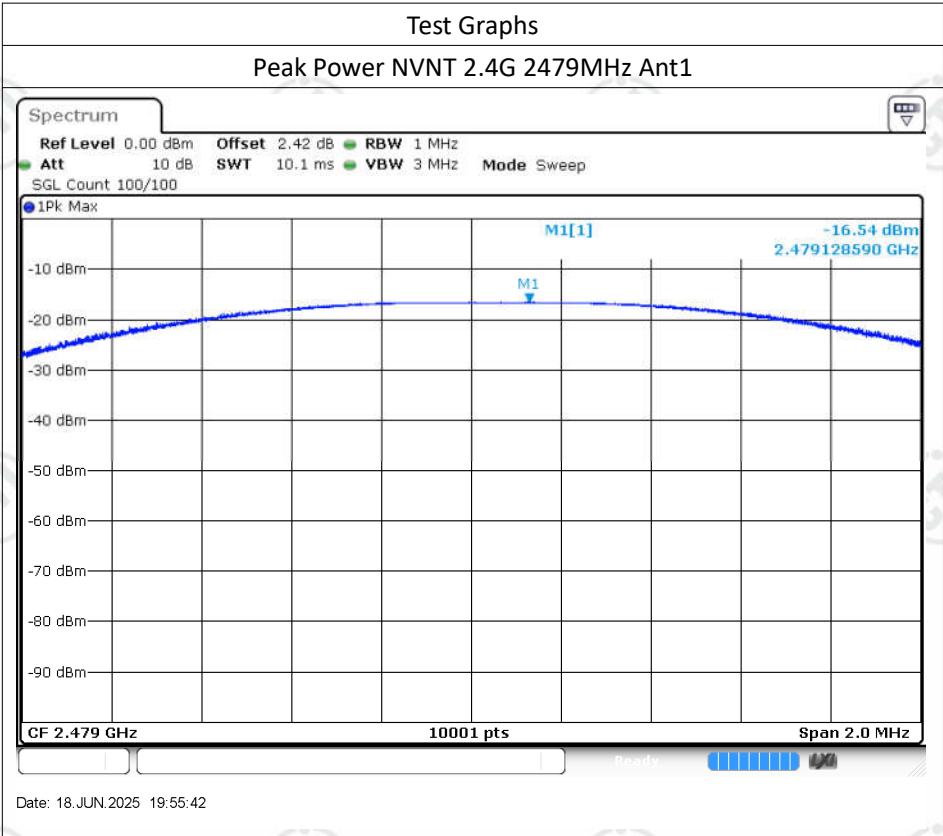
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	2.4G	2479	Ant1	100	0	0



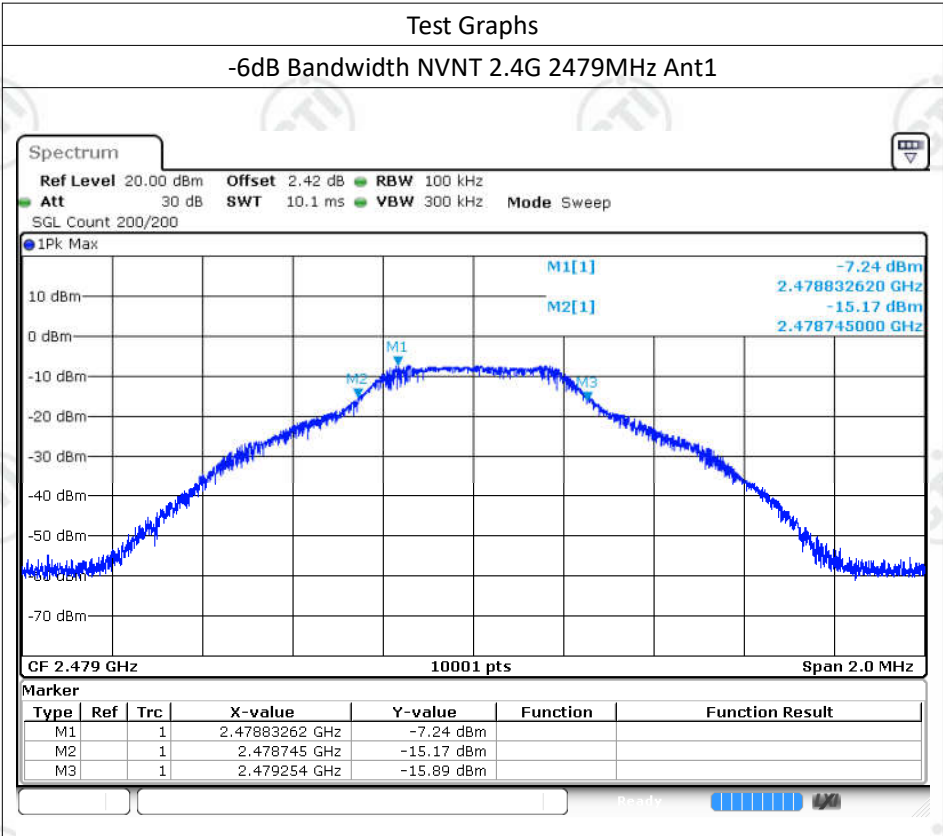
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2479	Ant1	-16.54	0	-16.54	30	Pass



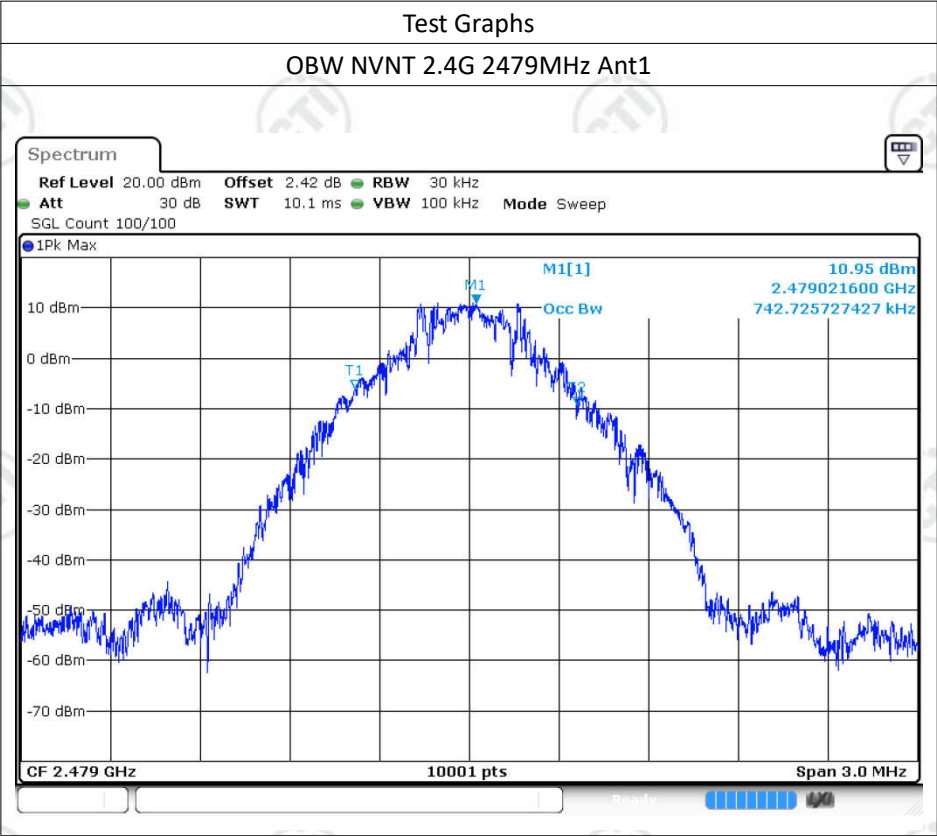
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2.4G	2479	Ant1	0.282	0.5	Fail



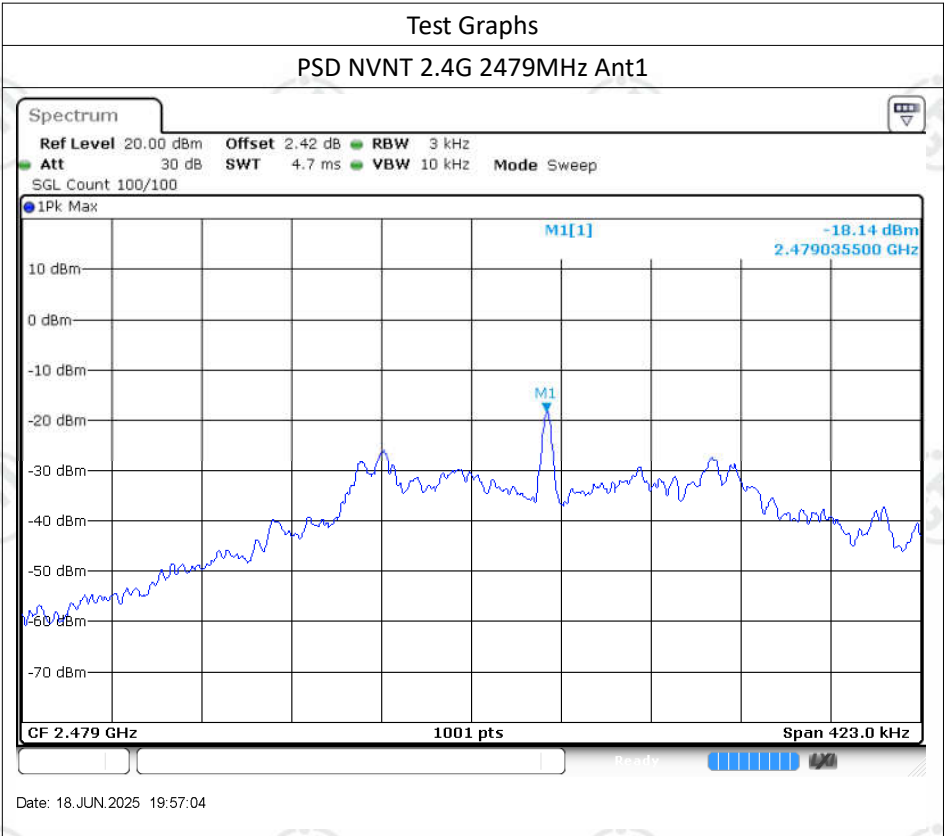
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G	2479	Ant1	0.743



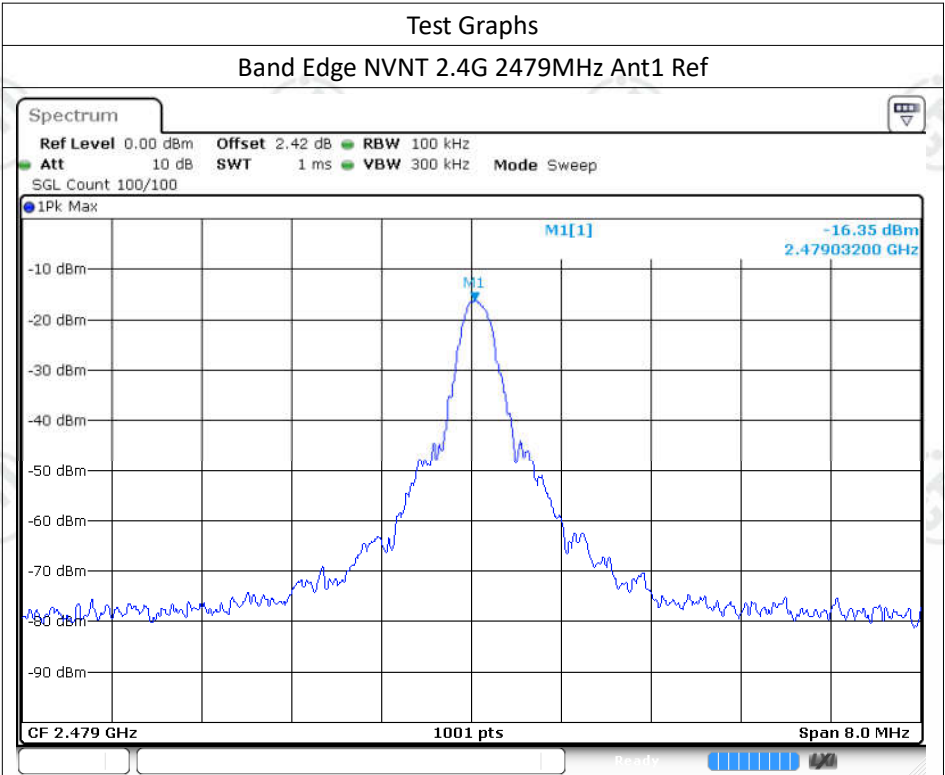
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	2.4G	2479	Ant1	-18.14	0	-18.14	8	Pass

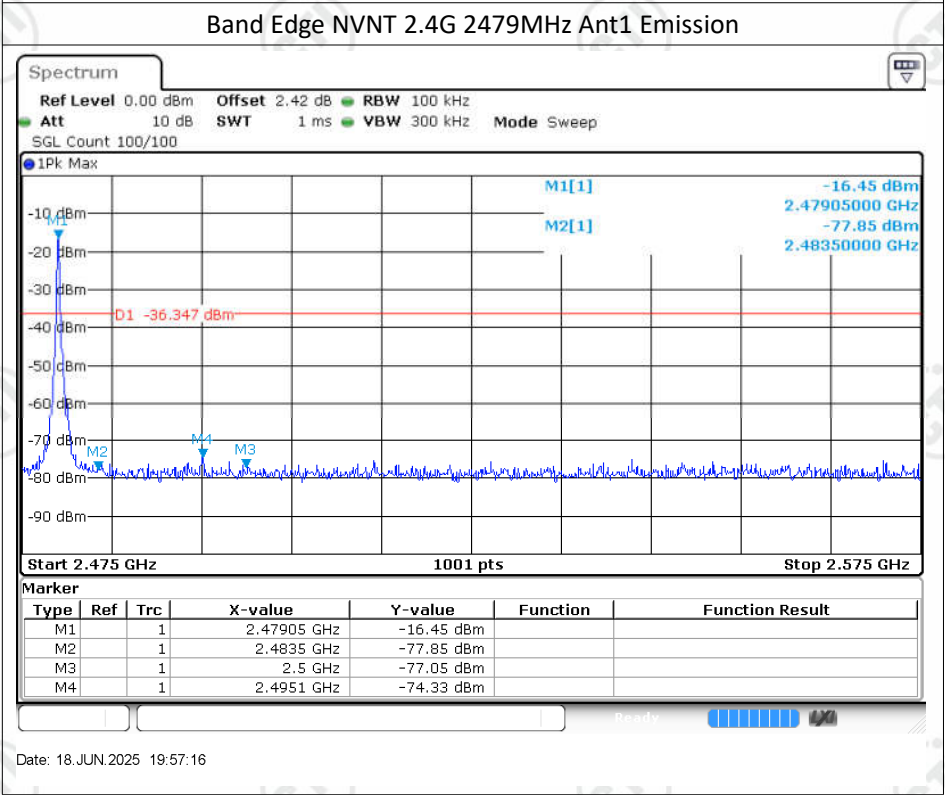


Band Edge

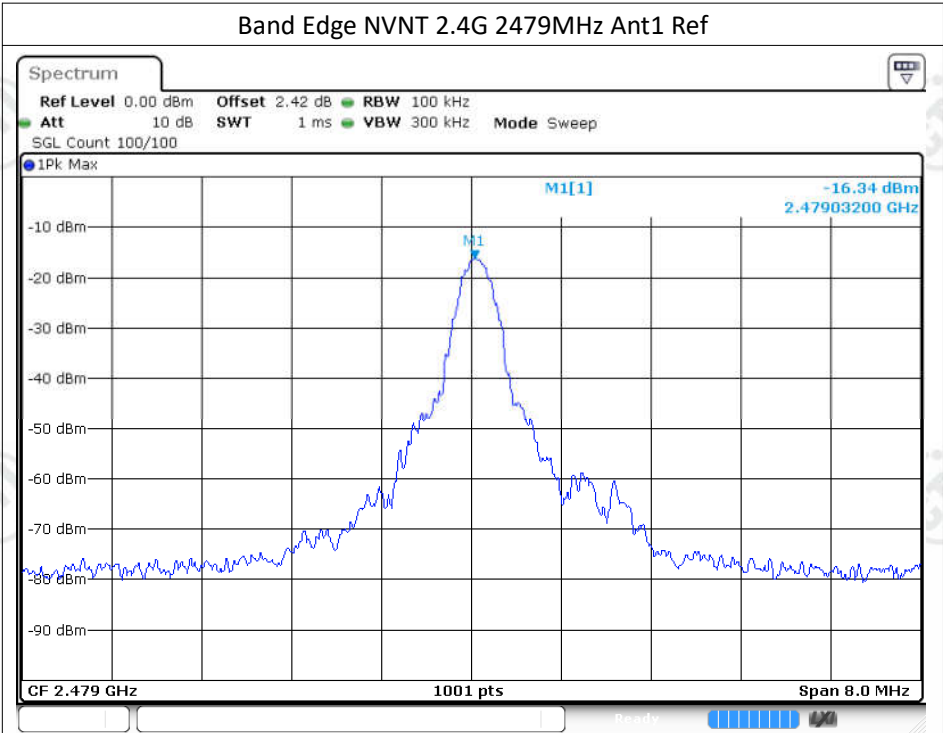
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2479	Ant1	-57.97	-20	Pass
NVNT	2.4G	2479	Ant1	-59.8	-20	Pass



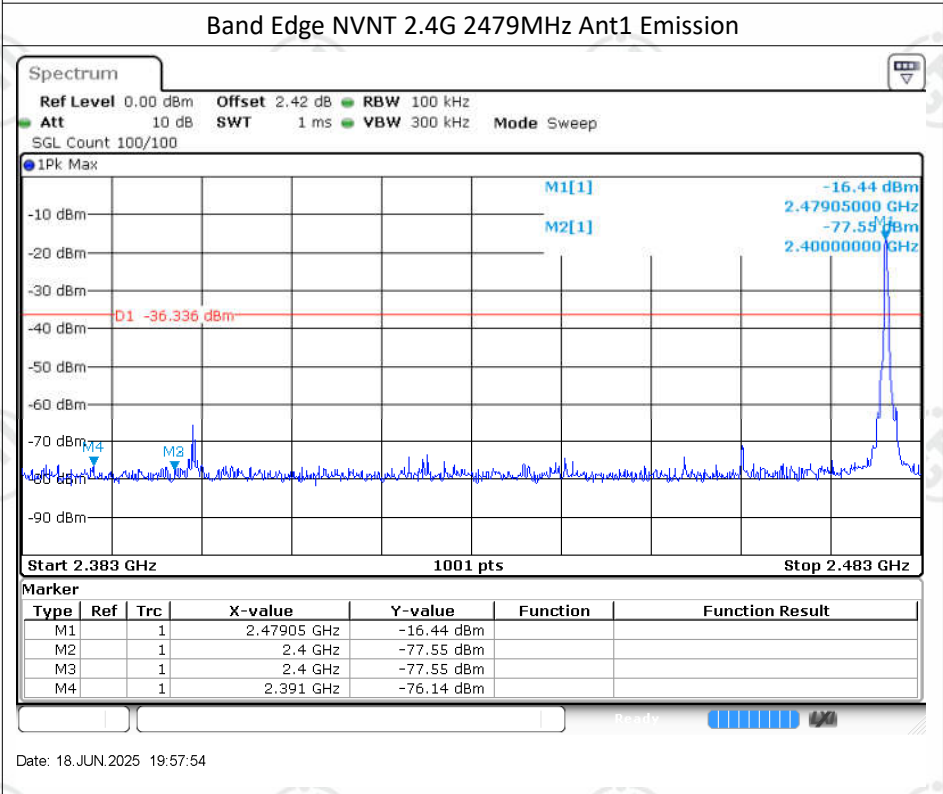
Date: 18 JUN.2025 19:57:15



Date: 18 JUN.2025 19:57:16



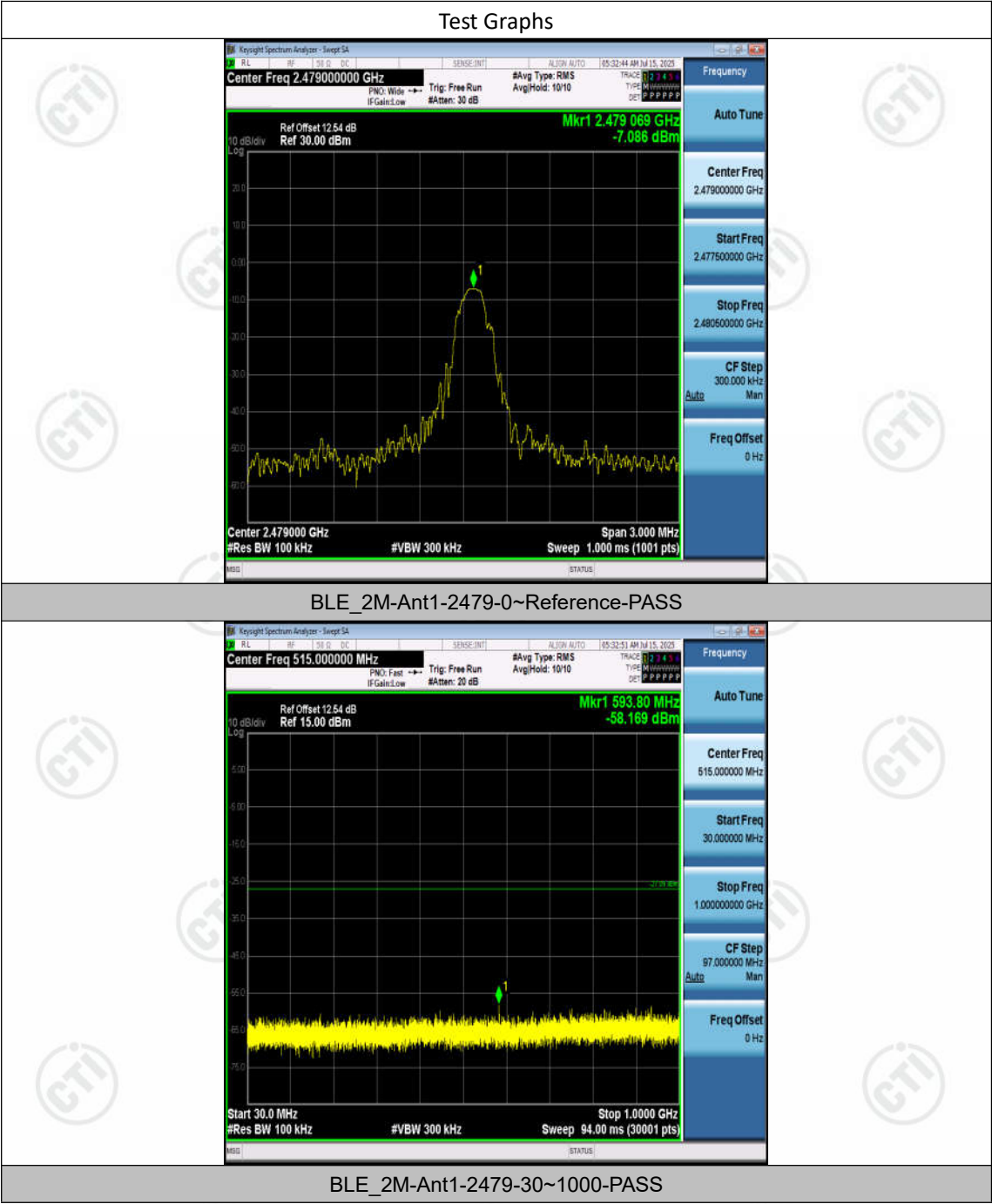
Date: 18.JUN.2025 19:57:52

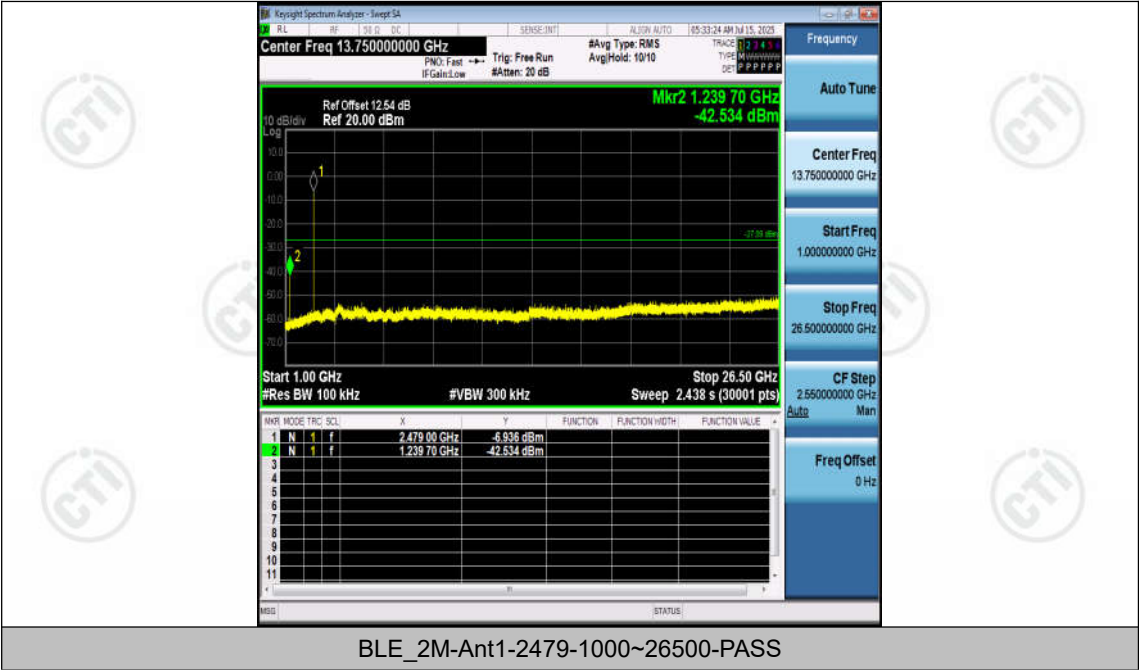


Date: 18.JUN.2025 19:57:54

Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_2M	Ant1	2479	0~Reference	-7.09	-7.09	---	PASS
BLE_2M	Ant1	2479	30~1000	-7.09	-58.17	≤-27.09	PASS
BLE_2M	Ant1	2479	1000~26500	-7.09	-42.53	≤-27.09	PASS





BLE_2M-Ant1-2479-1000~26500-PASS

*** End of Report ***