

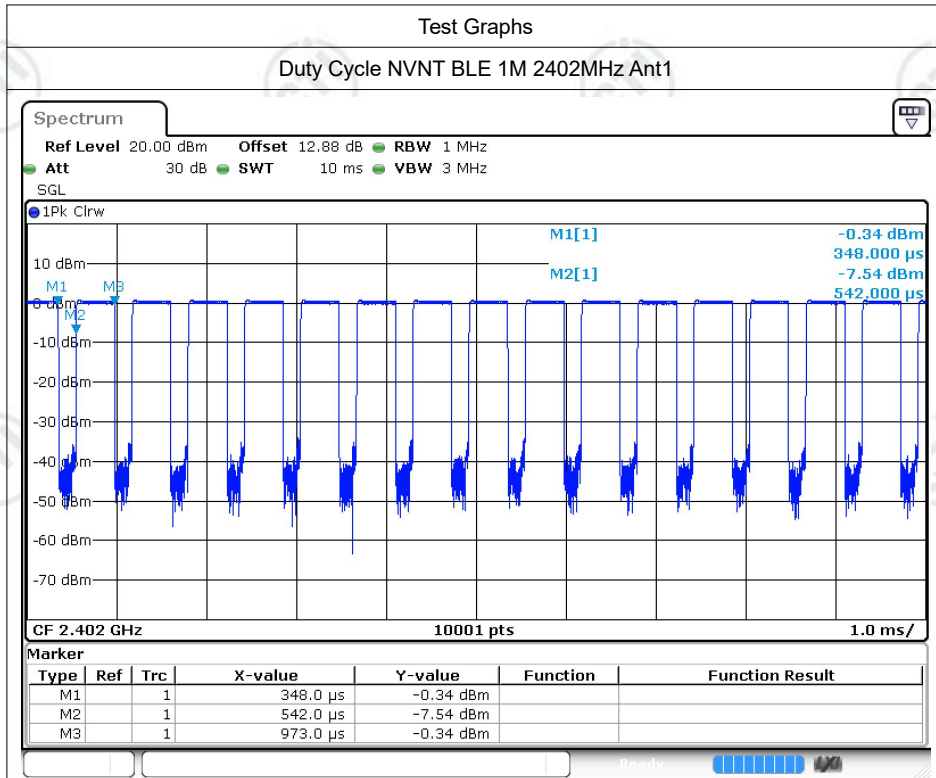
Appendix: Bluetooth LE

Contents

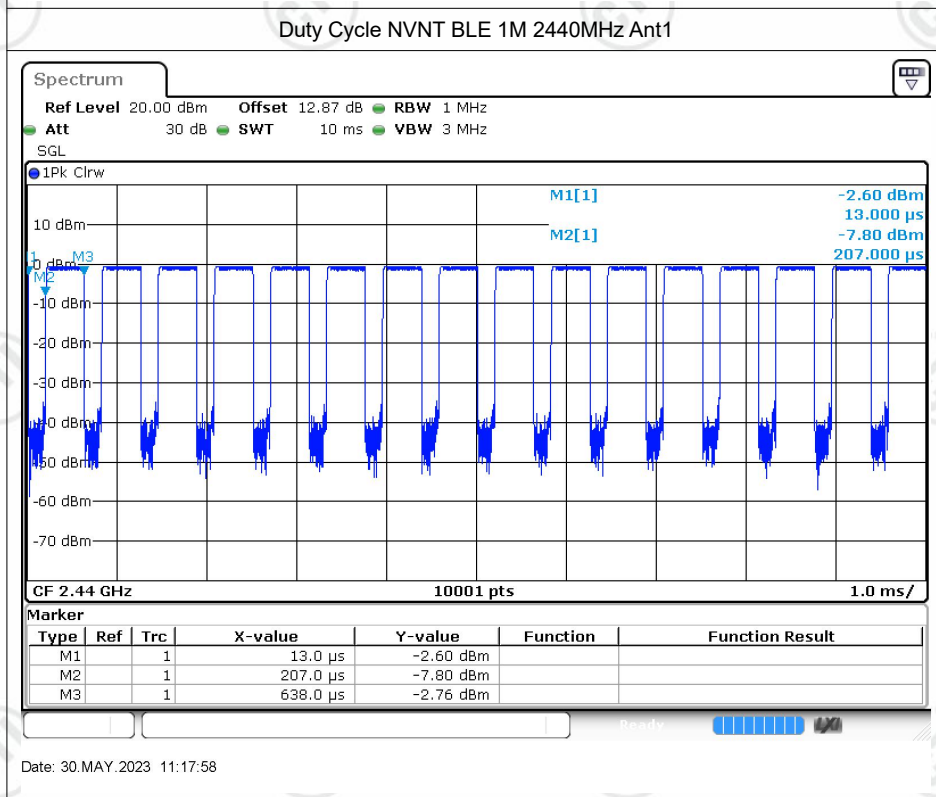
Contents	2
Duty Cycle	3
Maximum Peak Conducted Output Power	6
-6dB Bandwidth	9
Occupied Channel Bandwidth	12
Maximum Power Spectral Density Level	15
Band Edge	18
Conducted RF Spurious Emission	21

Duty Cycle

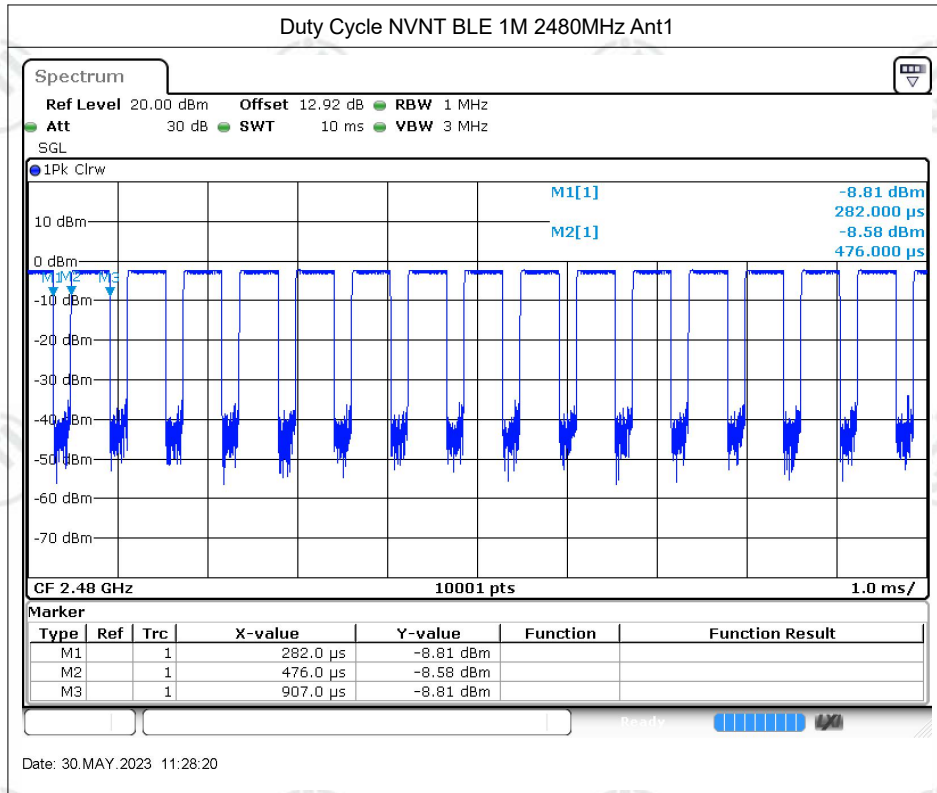
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	68.96	1.61	2.32
NVNT	BLE 1M	2440	Ant1	68.96	1.61	2.32
NVNT	BLE 1M	2480	Ant1	68.96	1.61	2.32



Date: 30.MAY.2023 11:15:17

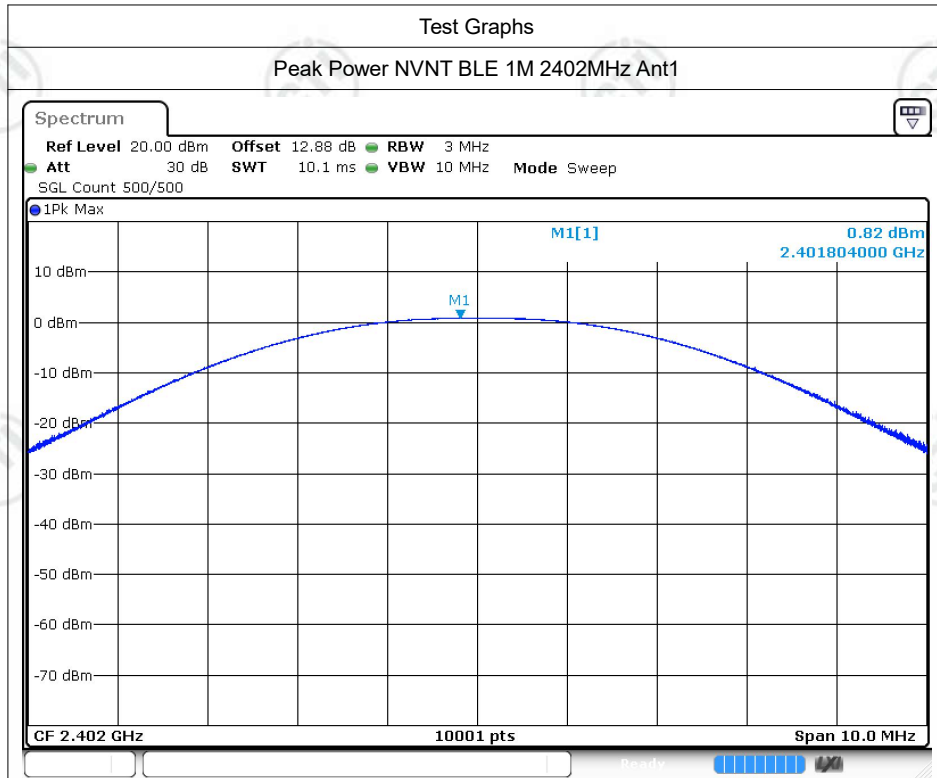


Date: 30.MAY.2023 11:17:58

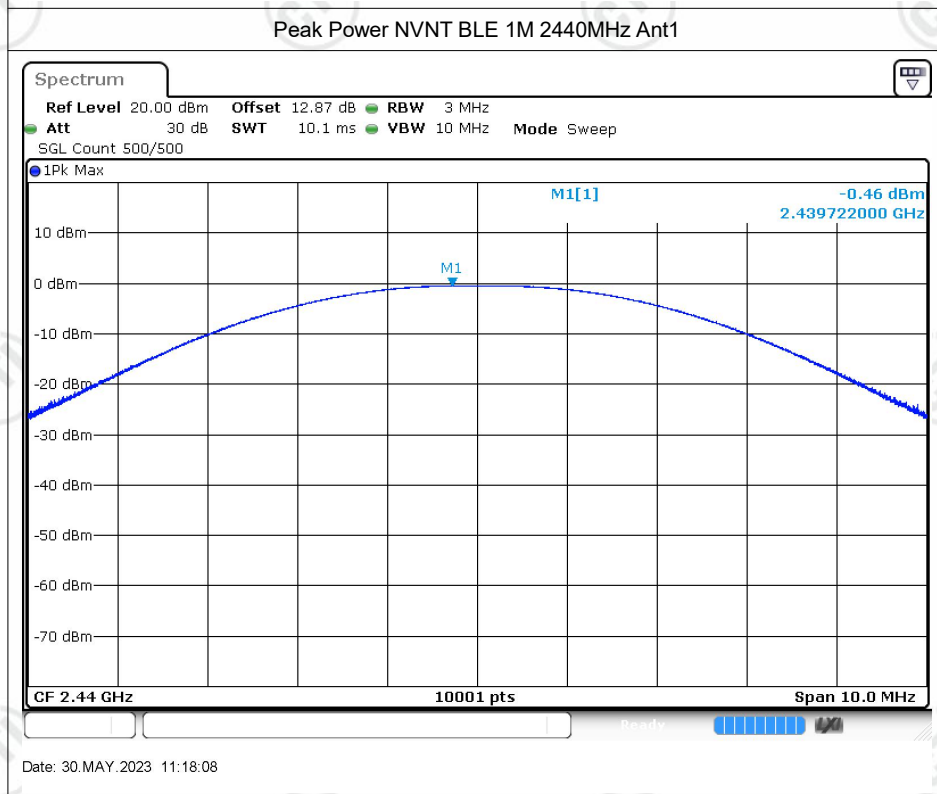


Maximum Peak Conducted Output Power

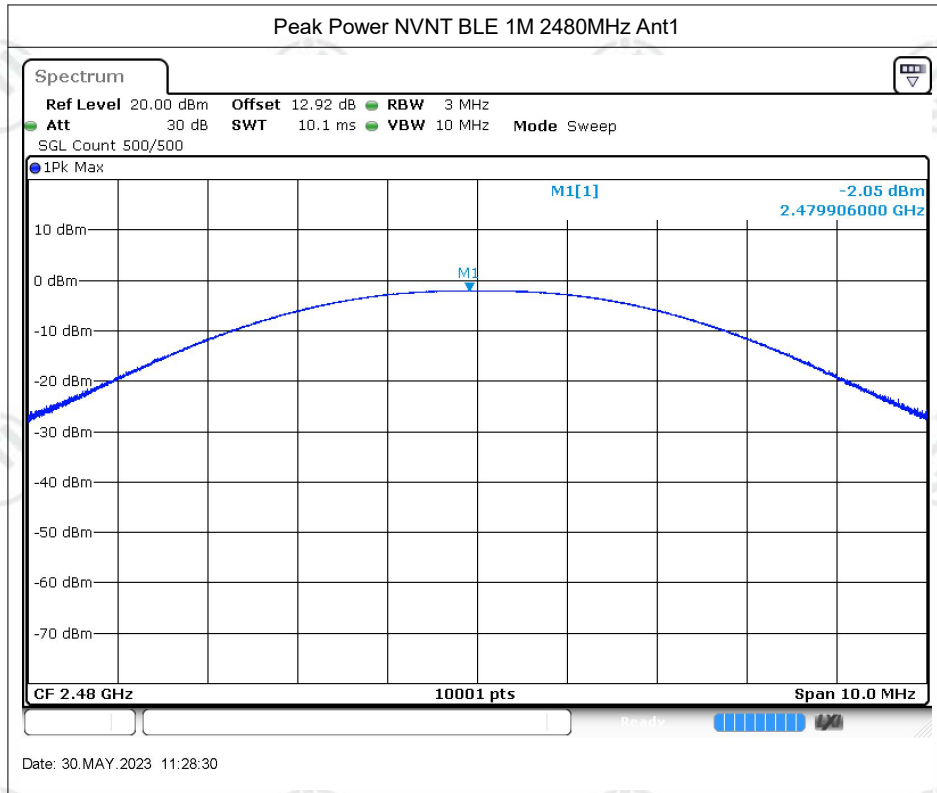
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.82	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.46	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.05	30	Pass



Date: 30.MAY.2023 11:15:27

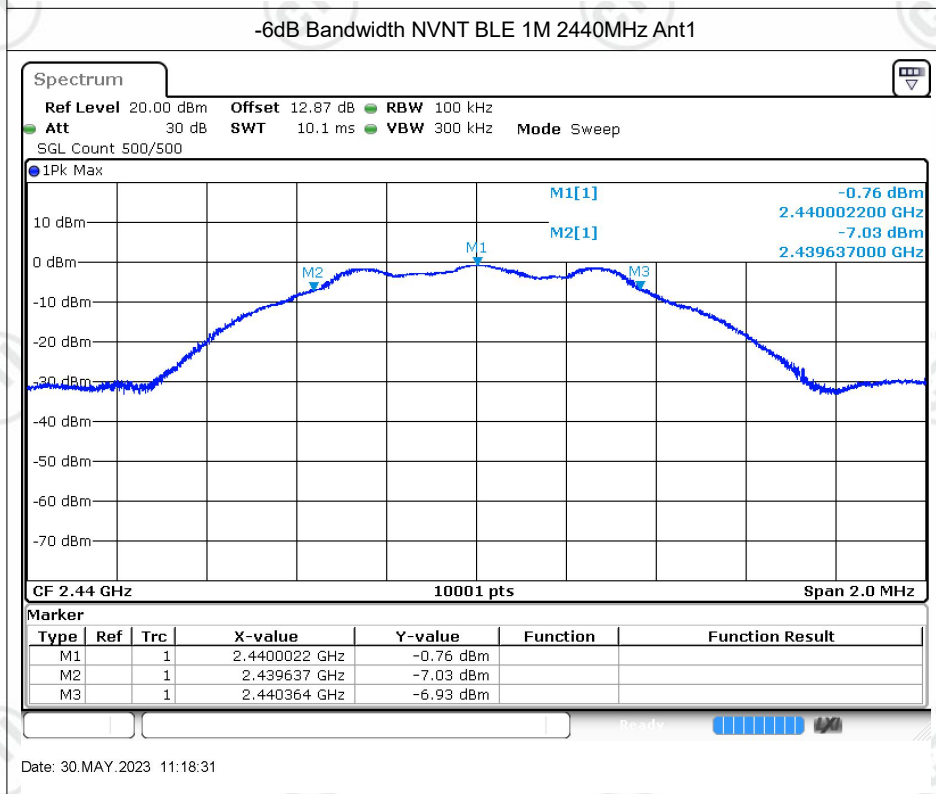
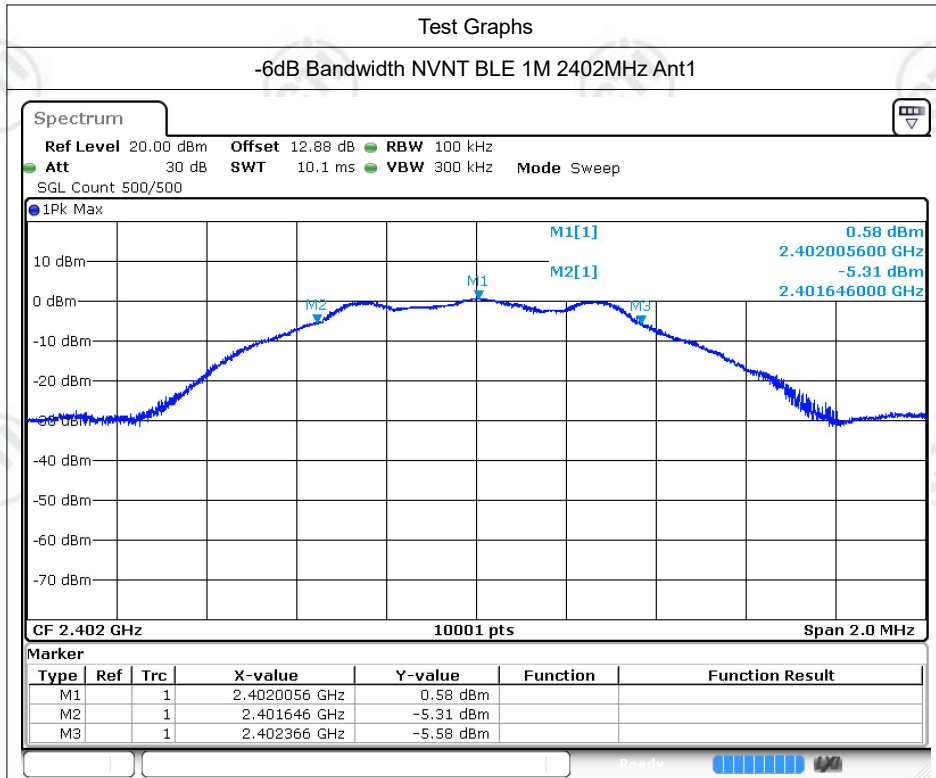


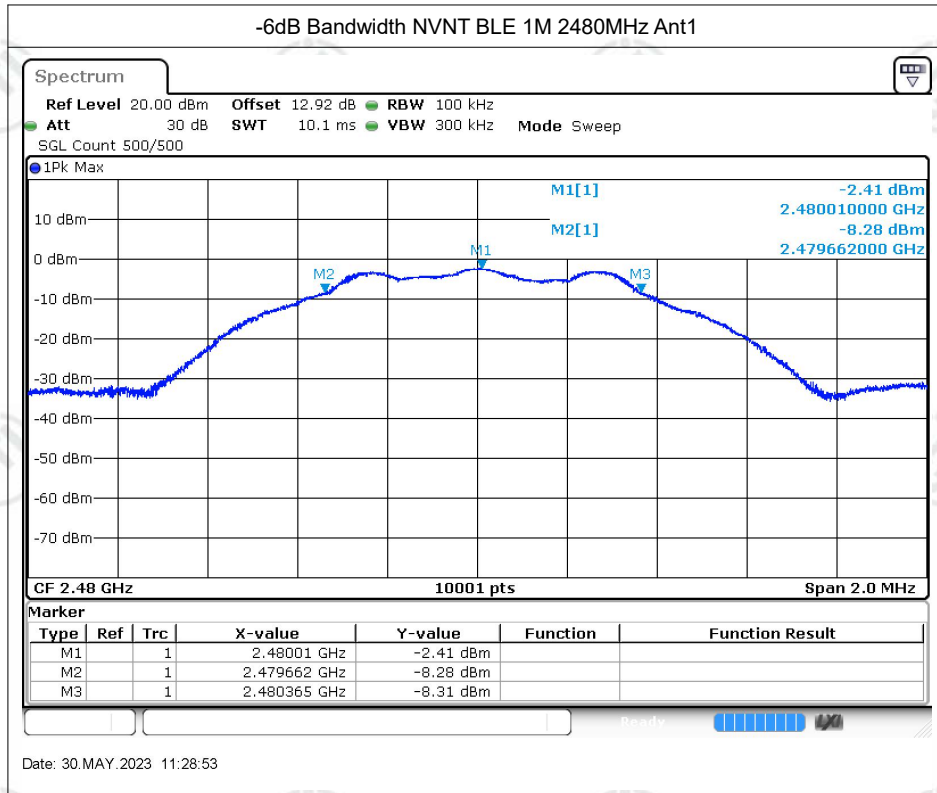
Date: 30.MAY.2023 11:18:08



-6dB Bandwidth

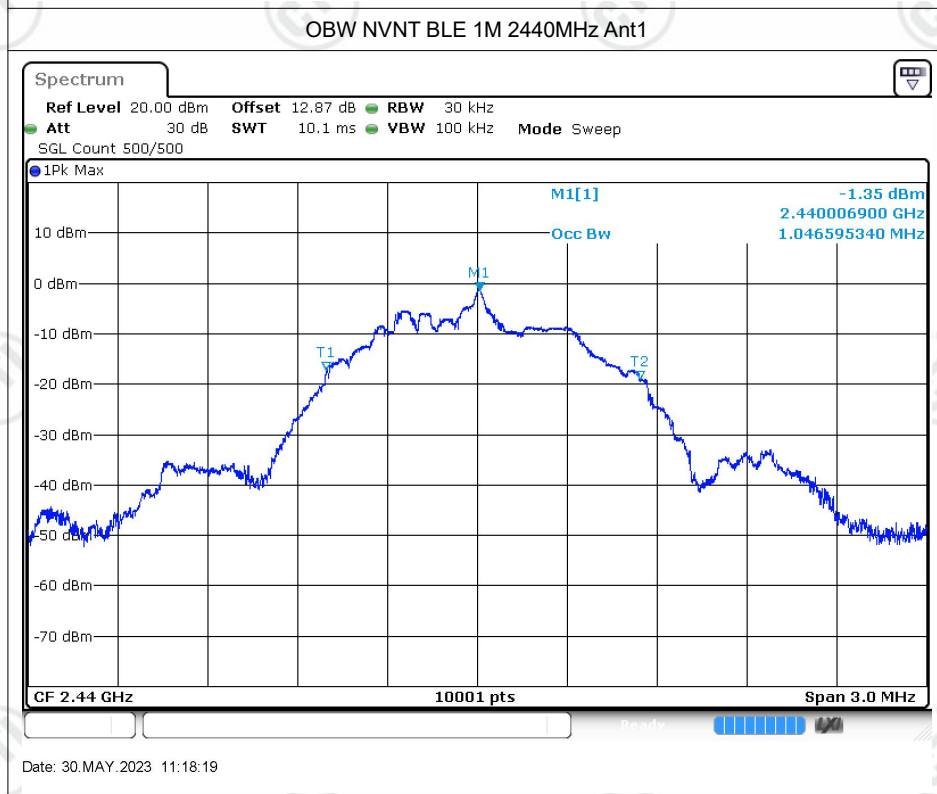
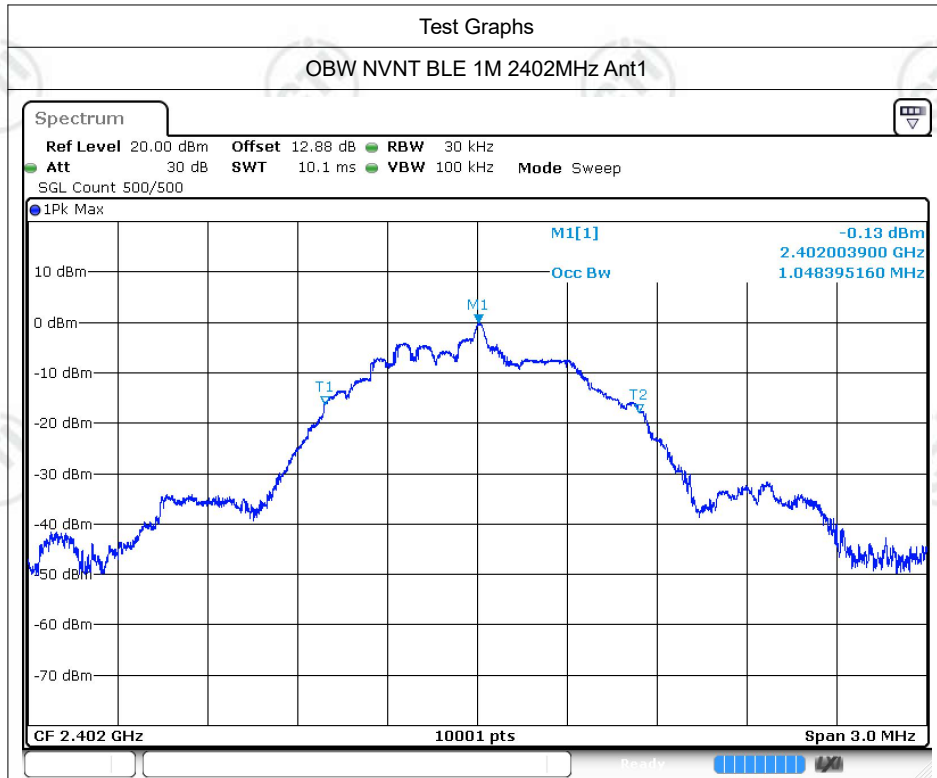
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.72	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.726	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.703	0.5	Pass

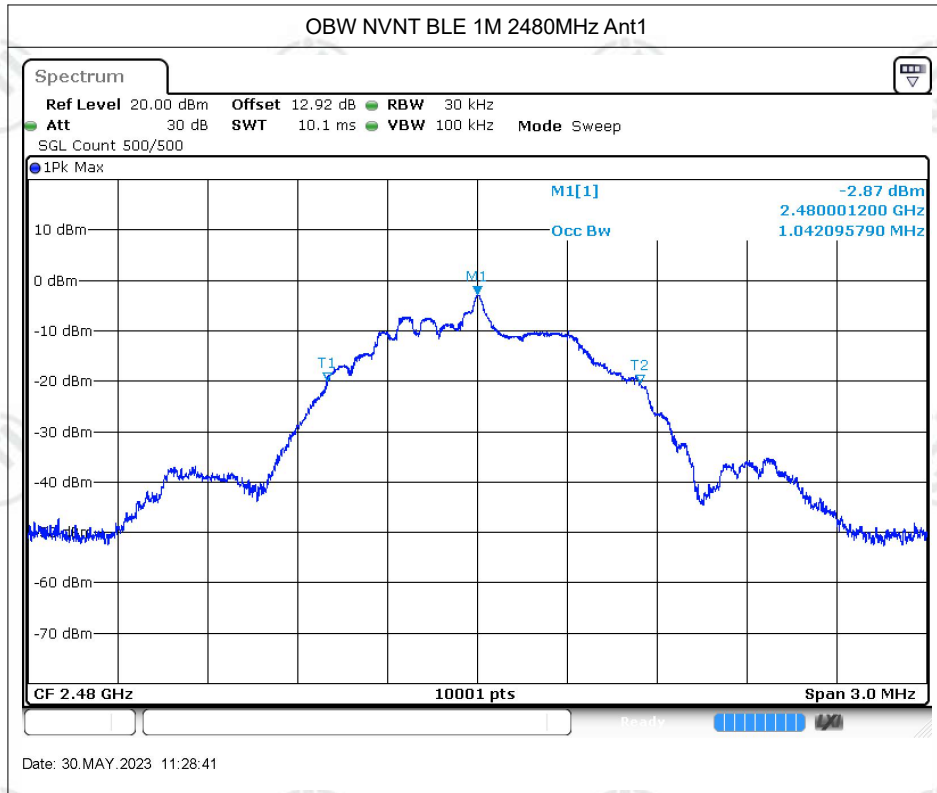




Occupied Channel Bandwidth

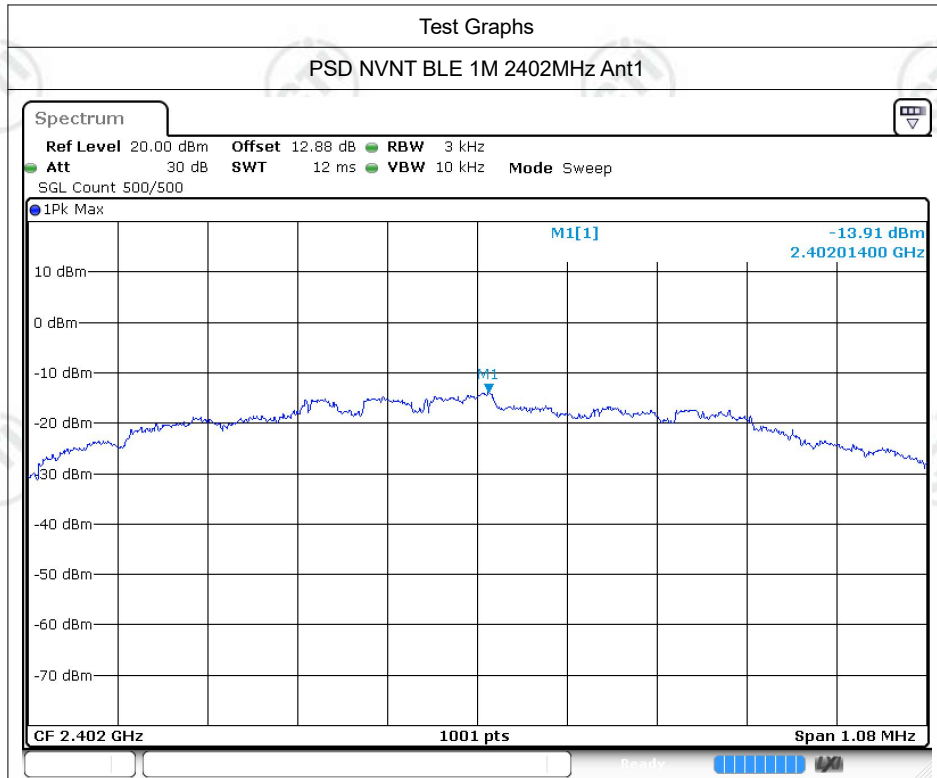
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.048
NVNT	BLE 1M	2440	Ant1	1.047
NVNT	BLE 1M	2480	Ant1	1.042



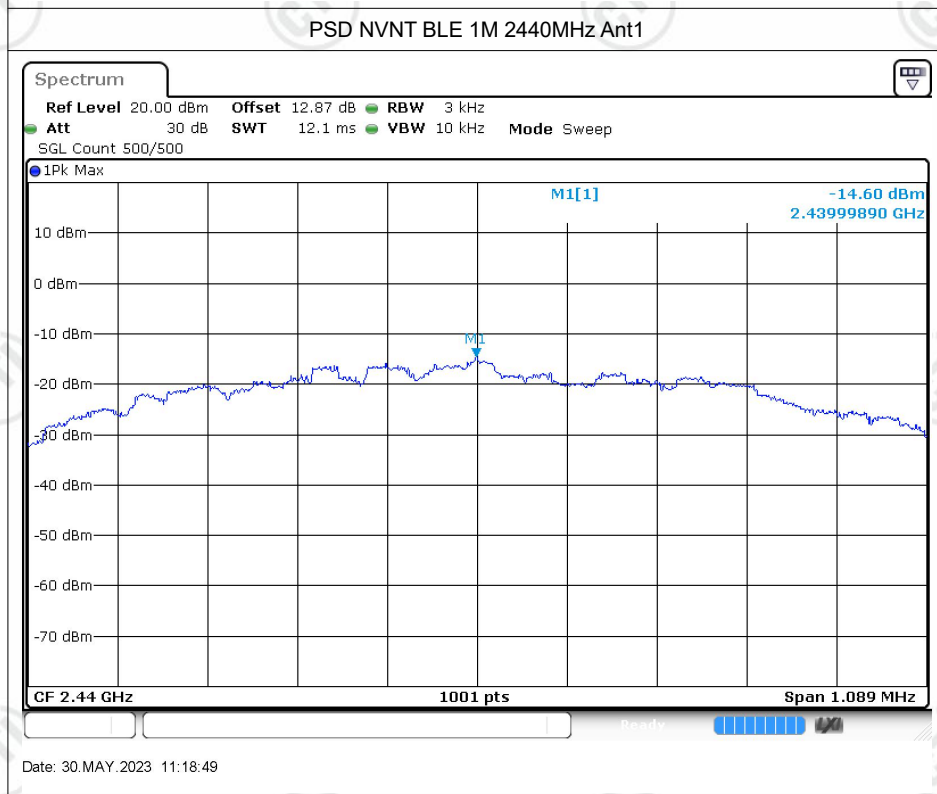


Maximum Power Spectral Density Level

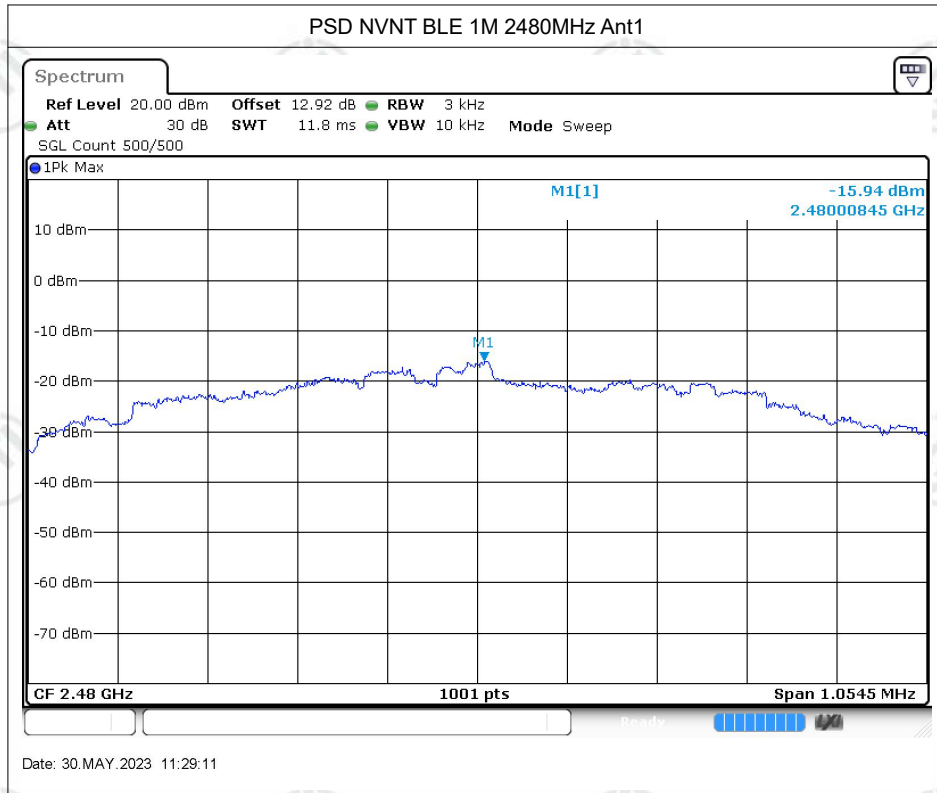
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-13.91	0	-13.91	8	Pass
NVNT	BLE 1M	2440	Ant1	-14.6	0	-14.6	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.94	0	-15.94	8	Pass



Date: 30.MAY.2023 11:16:08

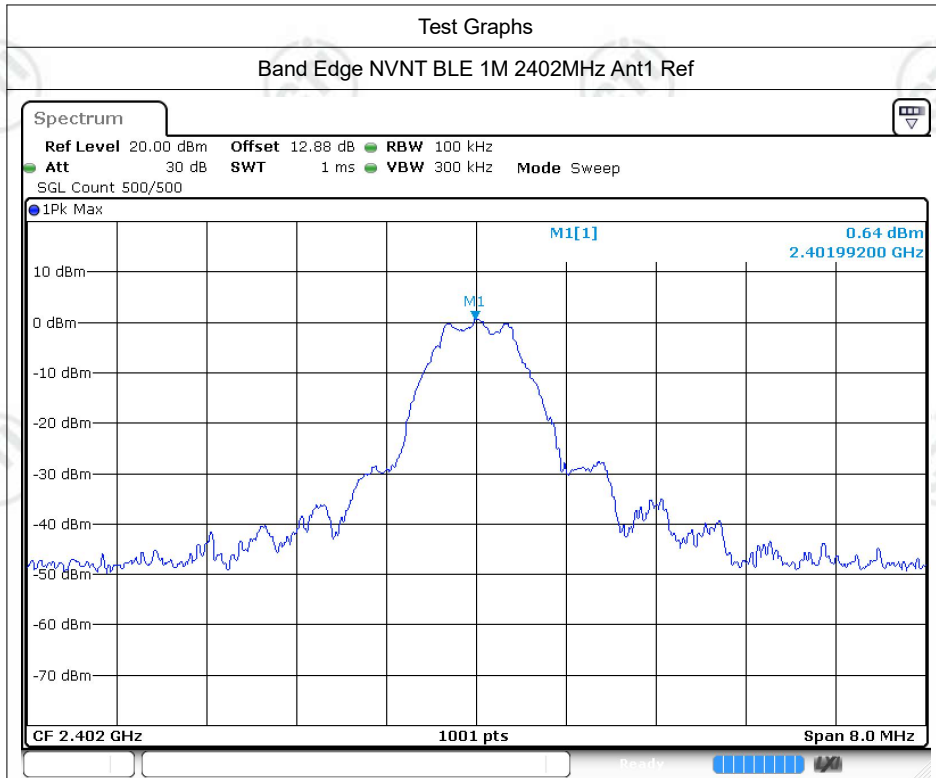


Date: 30.MAY.2023 11:18:49

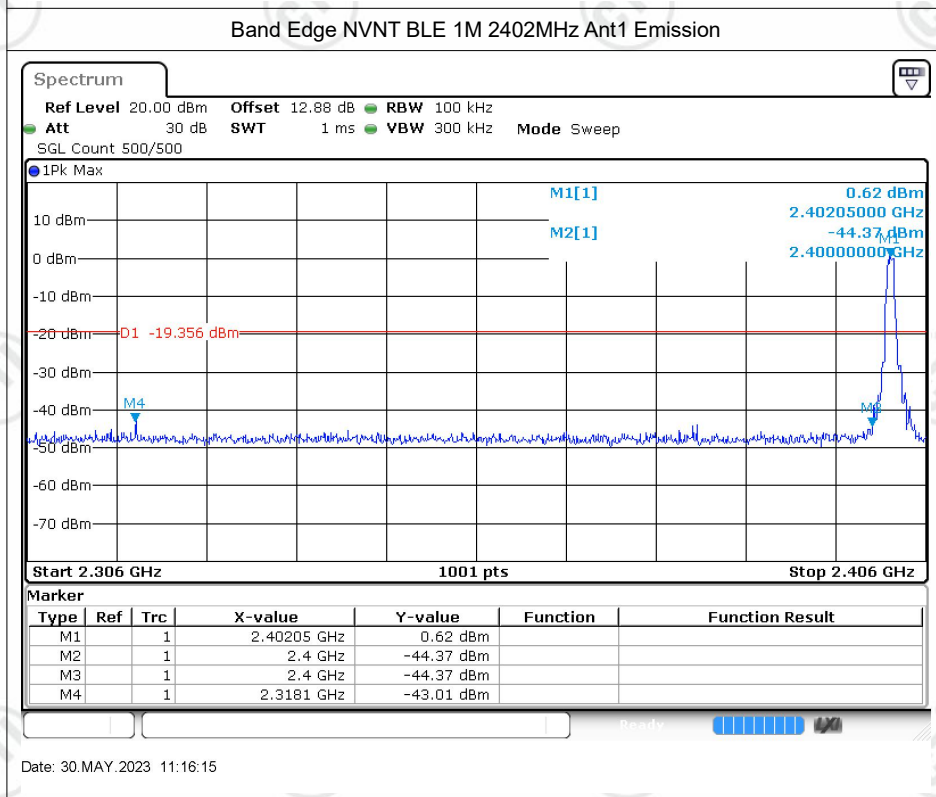


Band Edge

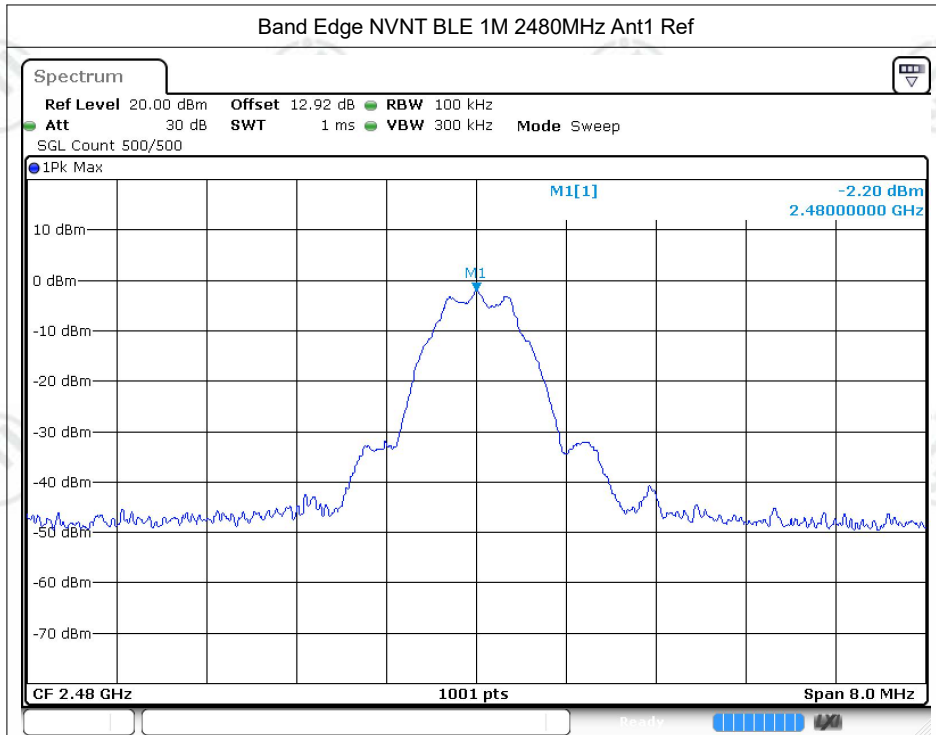
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-43.64	-20	Pass
NVNT	BLE 1M	2480	Ant1	-42.86	-20	Pass



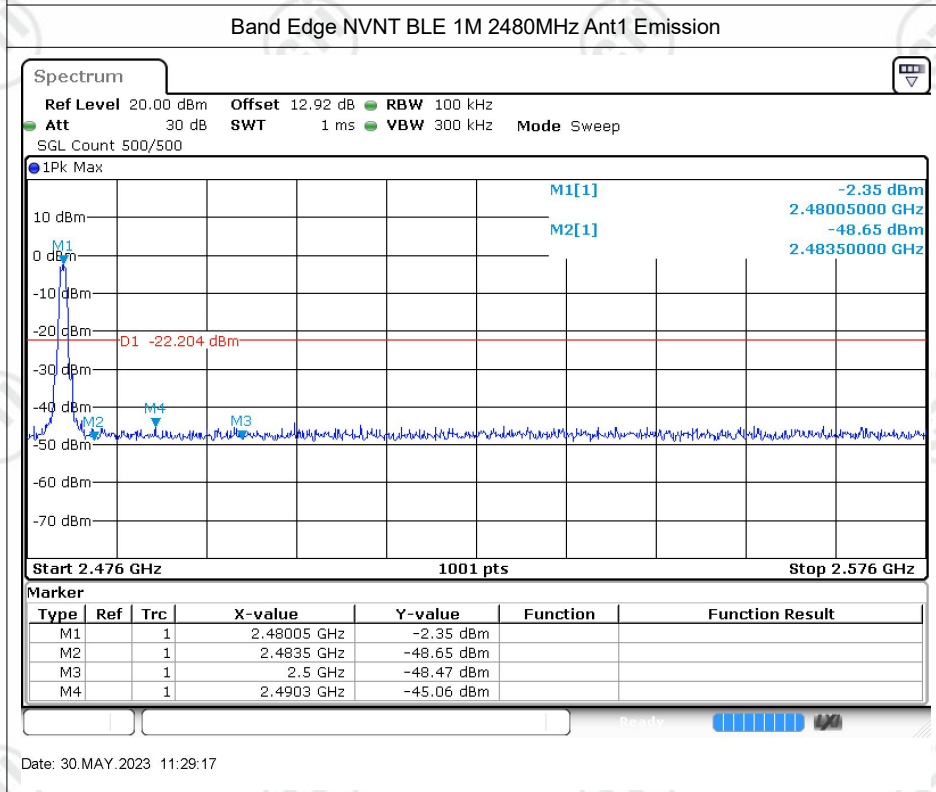
Date: 30.MAY.2023 11:16:11



Date: 30.MAY.2023 11:16:15



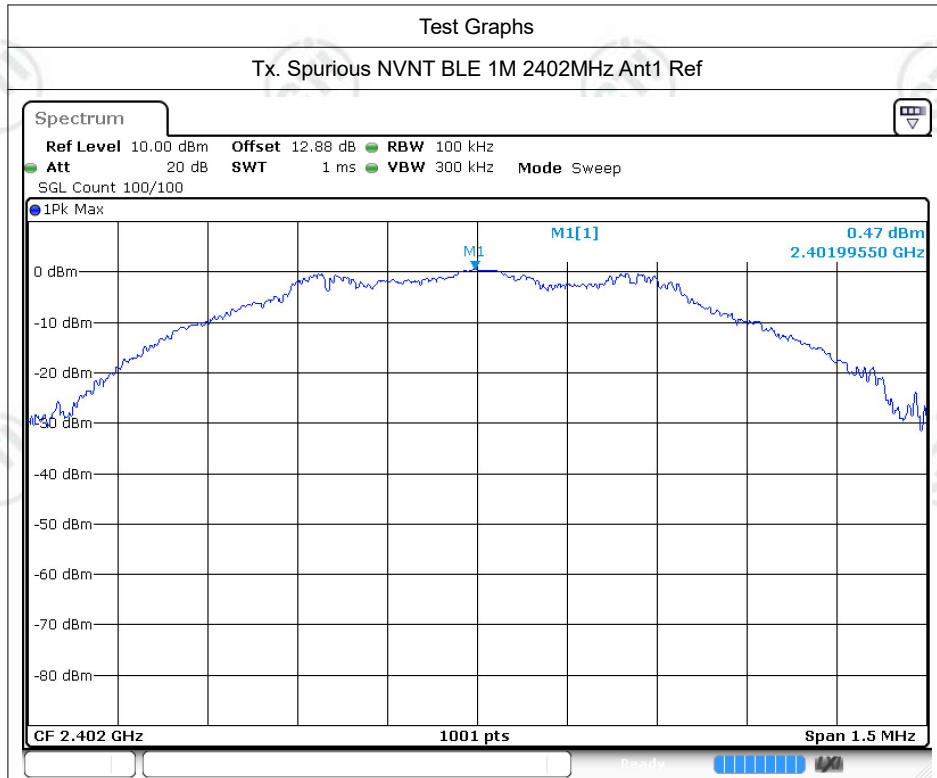
Date: 30.MAY.2023 11:29:14



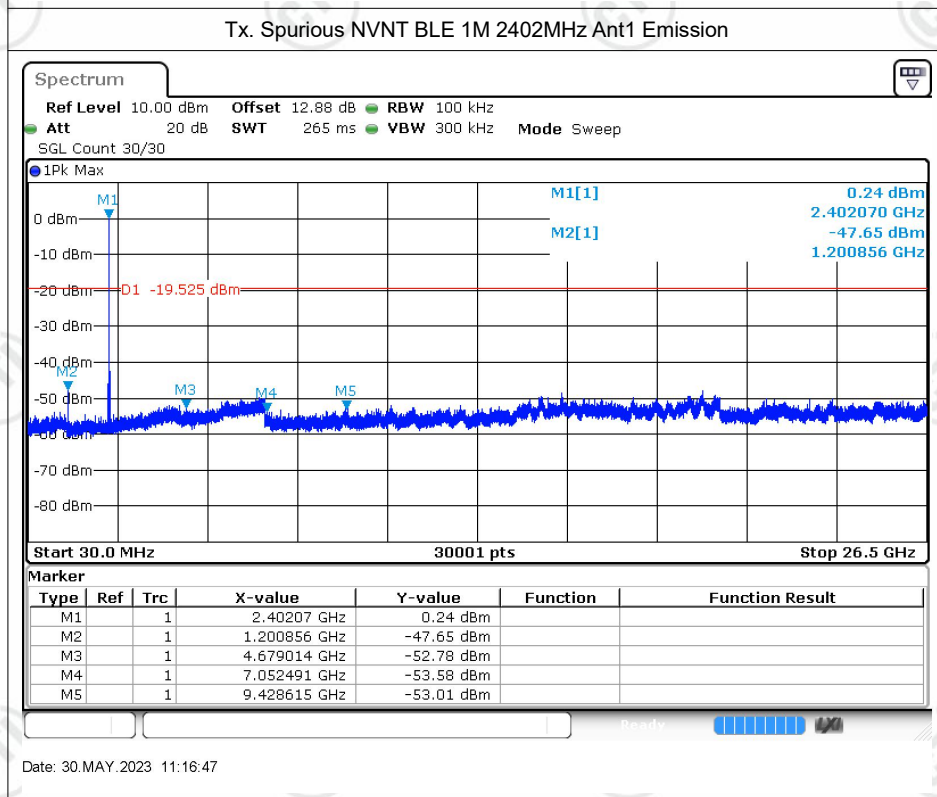
Date: 30.MAY.2023 11:29:17

Conducted RF Spurious Emission

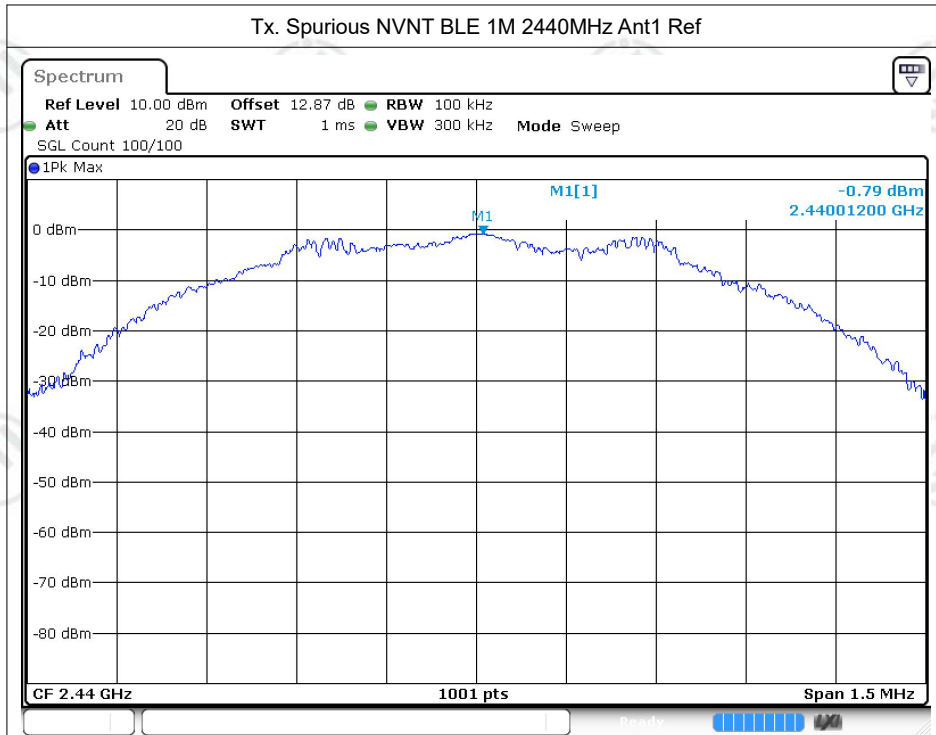
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.11	-20	Pass
NVNT	BLE 1M	2440	Ant1	-47.35	-20	Pass
NVNT	BLE 1M	2480	Ant1	-40.2	-20	Pass



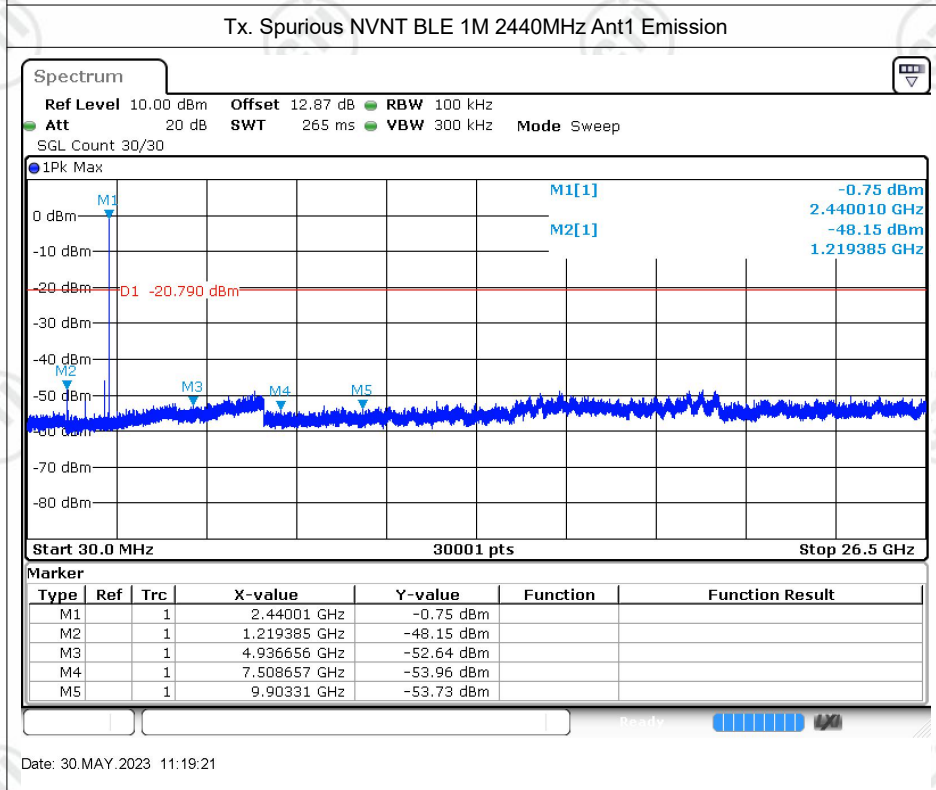
Date: 30.MAY.2023 11:16:18



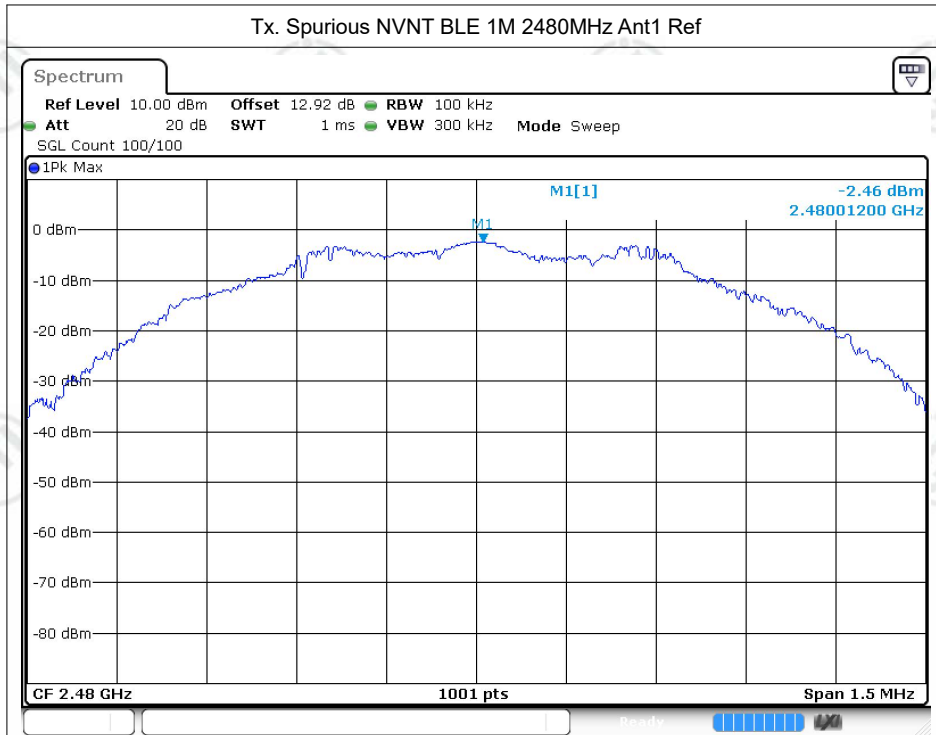
Date: 30.MAY.2023 11:16:47



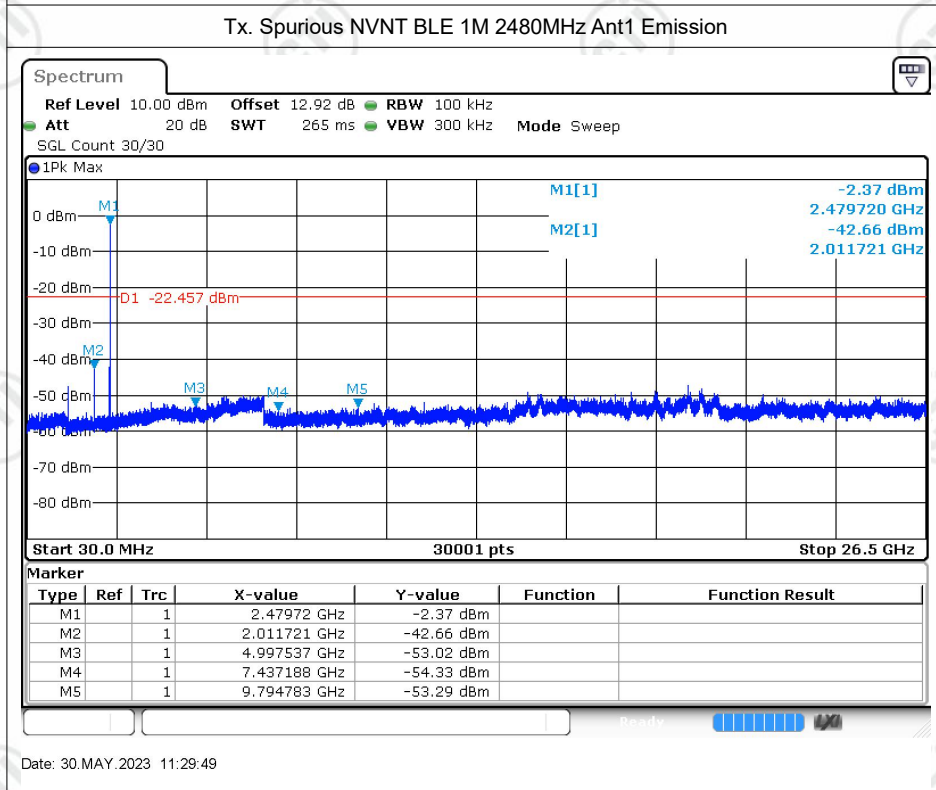
Date: 30.MAY.2023 11:18:52



Date: 30.MAY.2023 11:19:21



Date: 30.MAY.2023 11:29:20



Date: 30.MAY.2023 11:29:49

*** End of Report ***