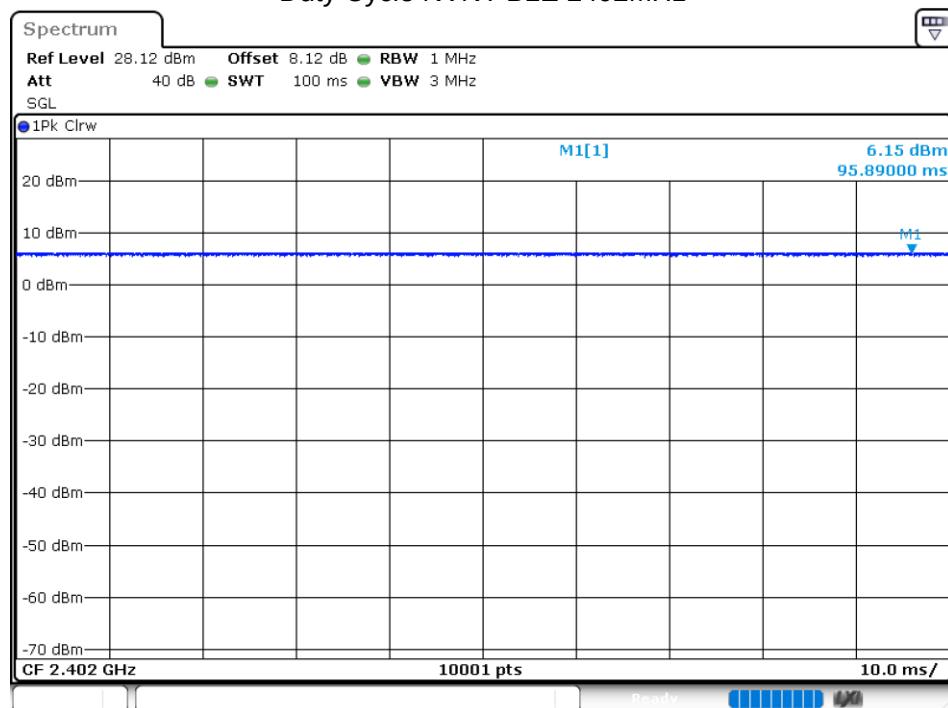


8.2 2Mbps RATE DATA

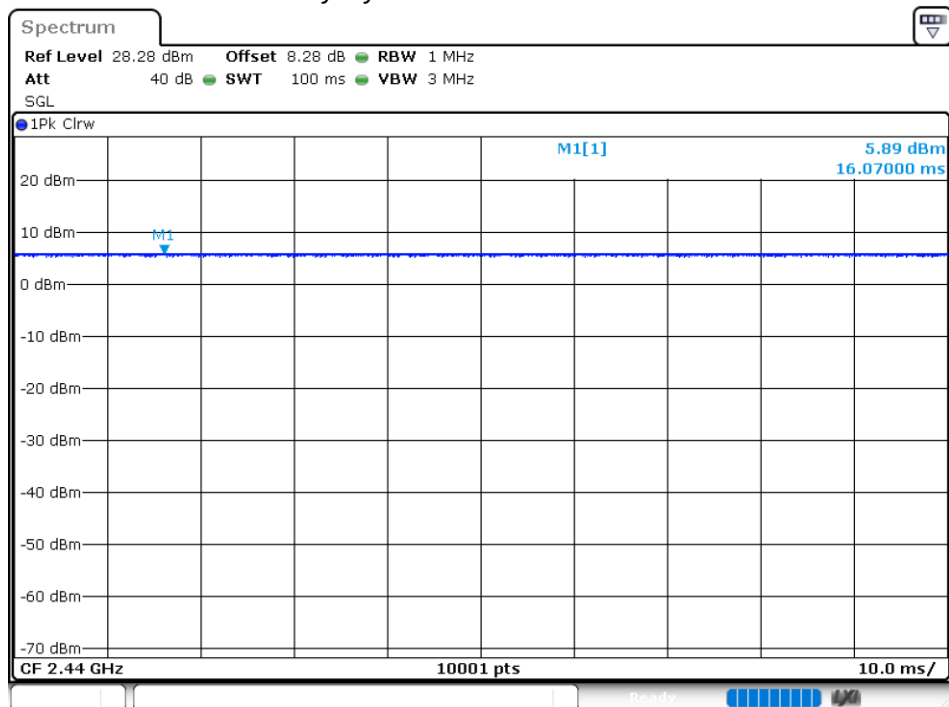
8.2.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	100	0
NVNT	BLE	2440	100	0
NVNT	BLE	2480	100	0

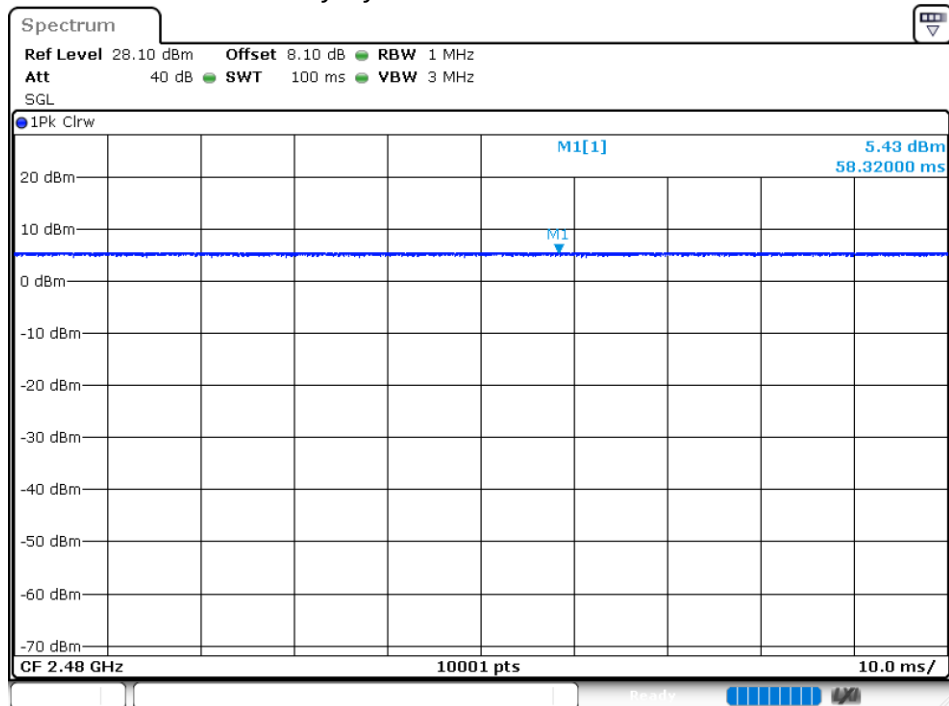
Duty Cycle NVNT BLE 2402MHz



Duty Cycle NVNT BLE 2440MHz



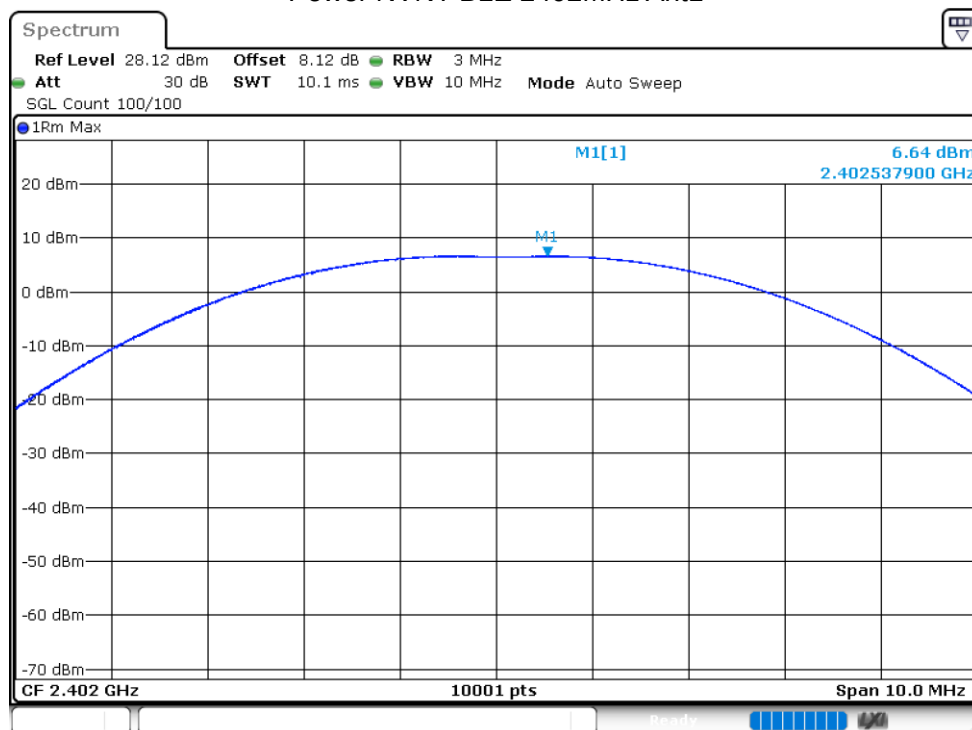
Duty Cycle NVNT BLE 2480MHz



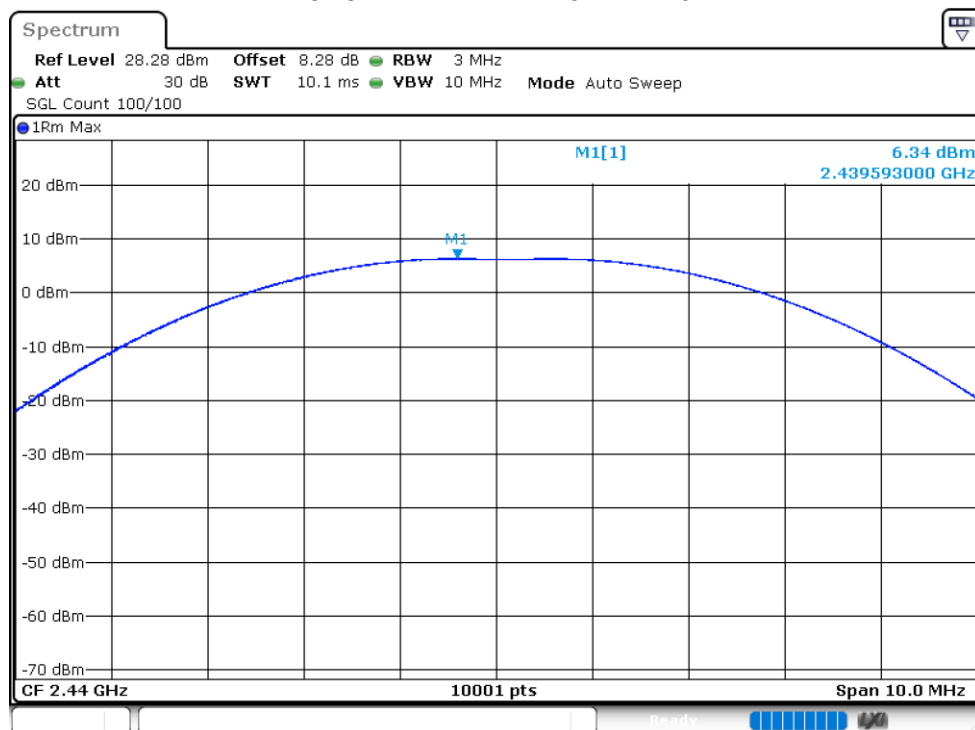
8.2.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant 1	6.64	0	6.64	30	Pass
NVNT	BLE	2440	Ant 1	6.34	0	6.34	30	Pass
NVNT	BLE	2480	Ant 1	5.92	0	5.92	30	Pass

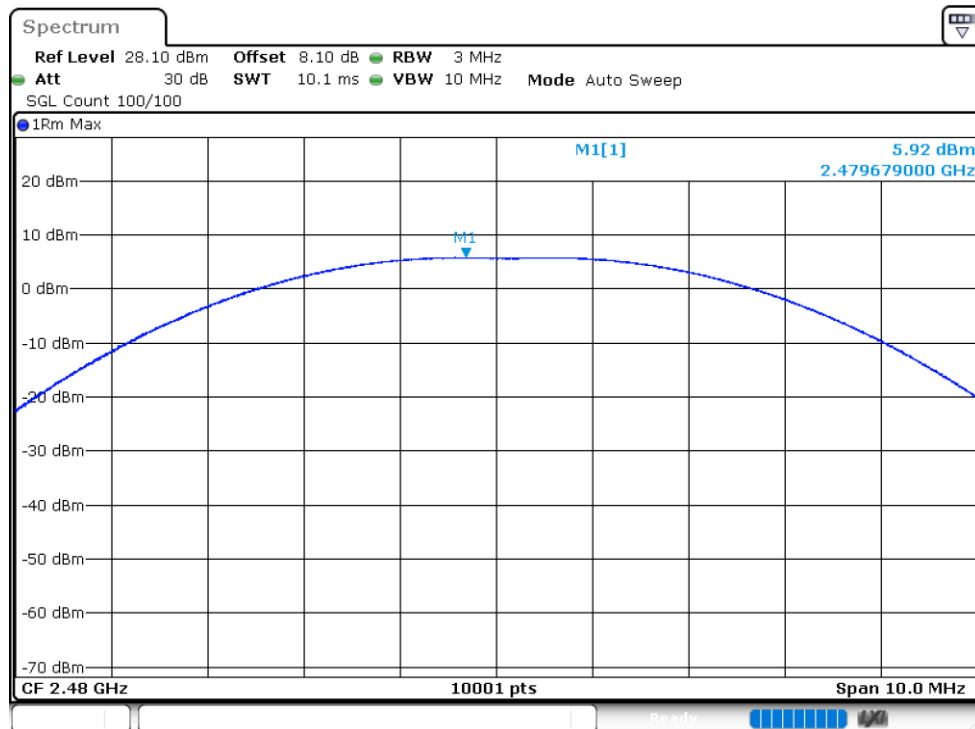
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2440MHz Ant1



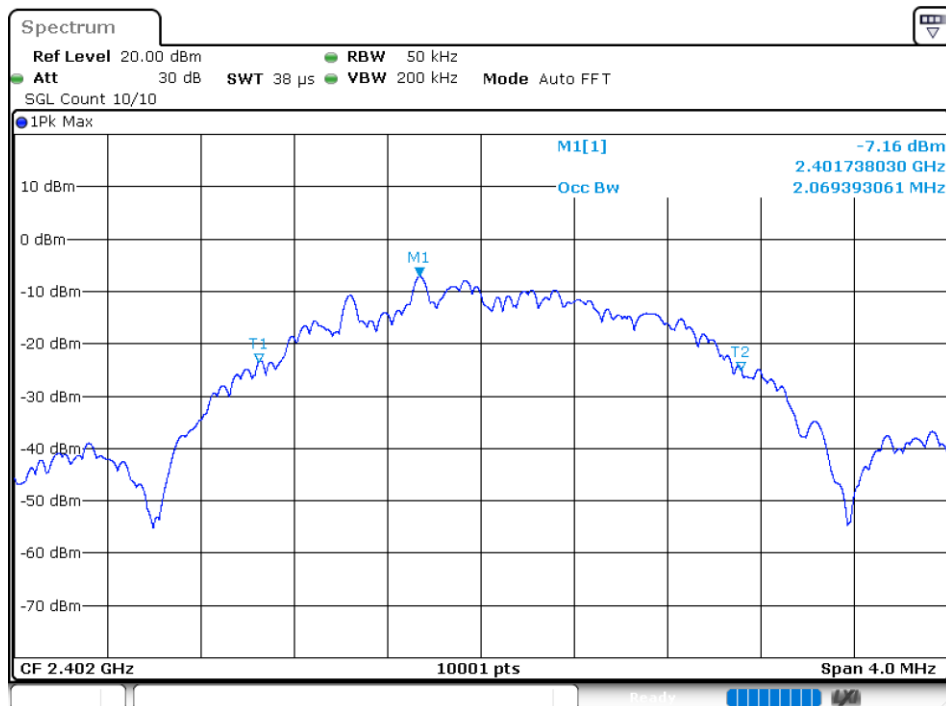
Power NVNT BLE 2480MHz Ant1



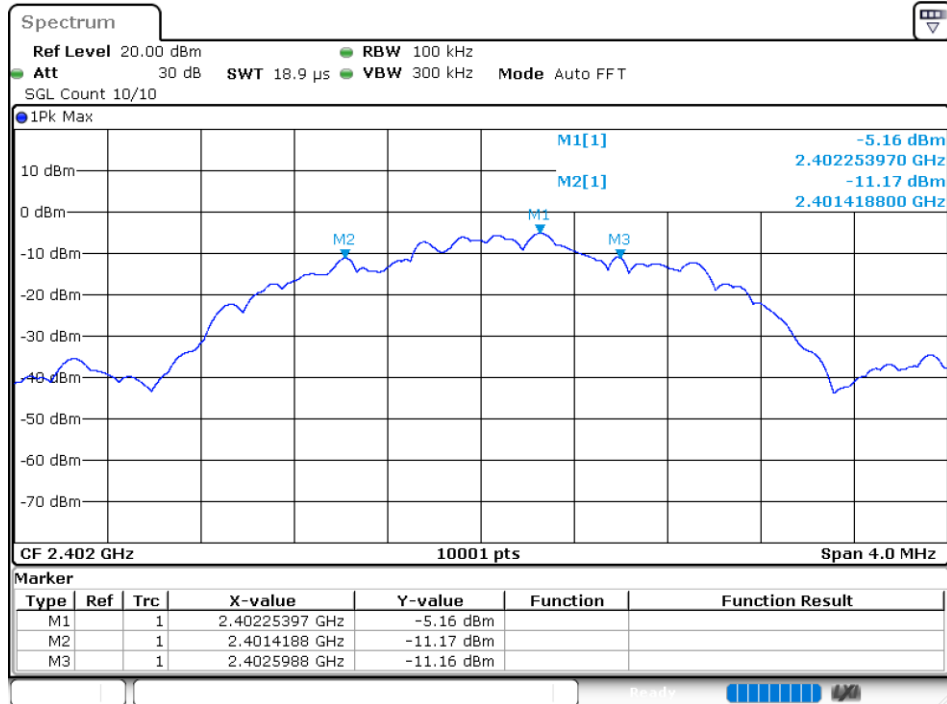
8.2.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant 1	2.0694	1.18	≥0.5	Pass
NVNT	BLE	2440	Ant 1	2.0742	1.2548	≥0.5	Pass
NVNT	BLE	2480	Ant 1	2.0702	1.3212	≥0.5	Pass

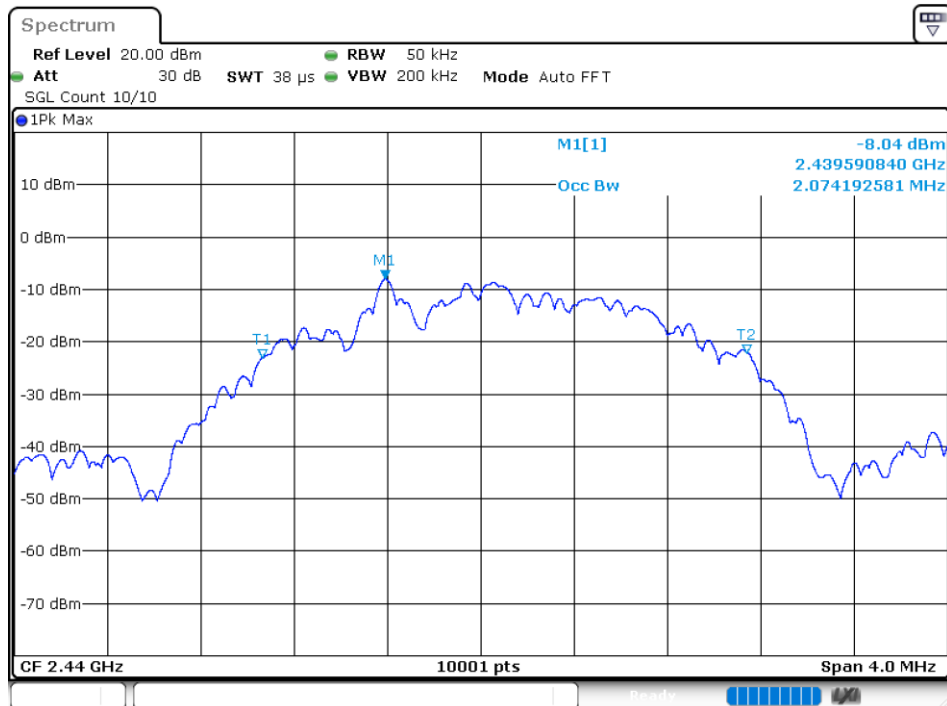
OBW NVNT BLE 2402MHz Ant1



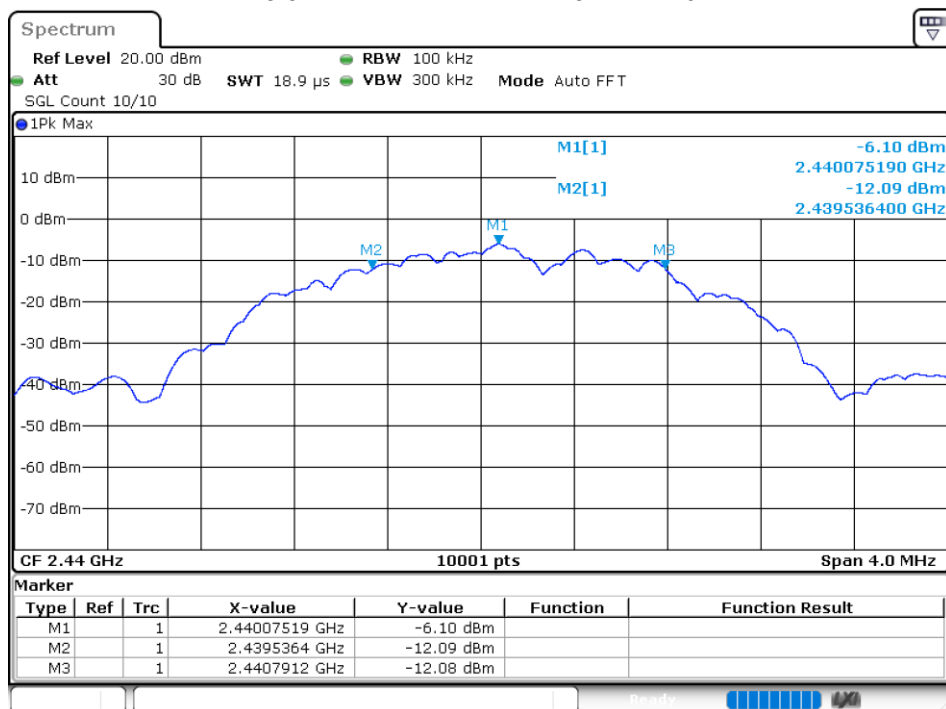
-6 dB BW NVNT BLE 2402MHz Ant1



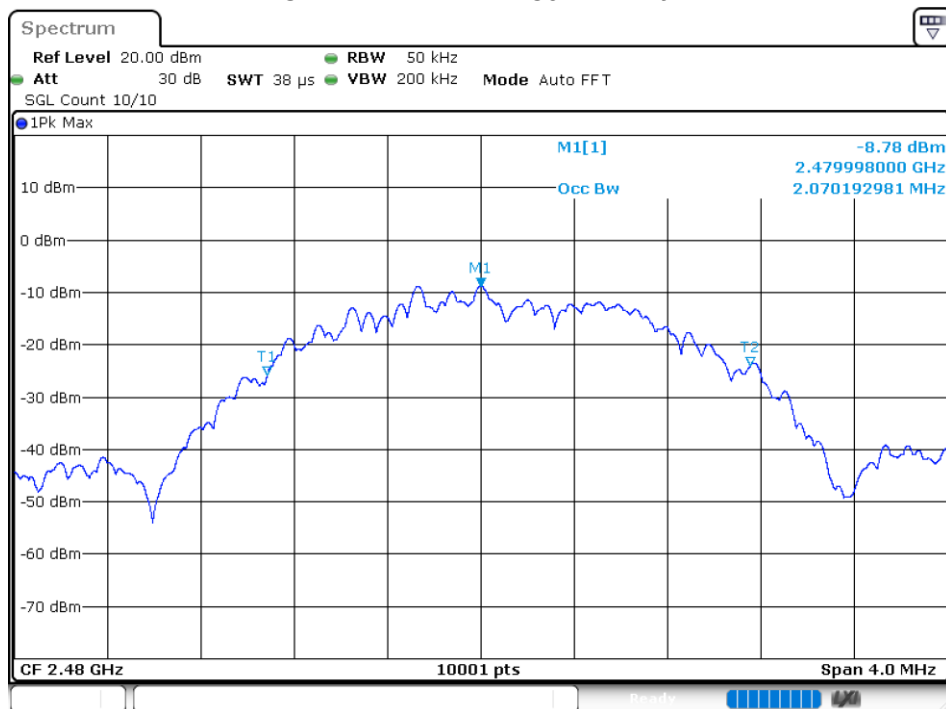
OBW NVNT BLE 2440MHz Ant1



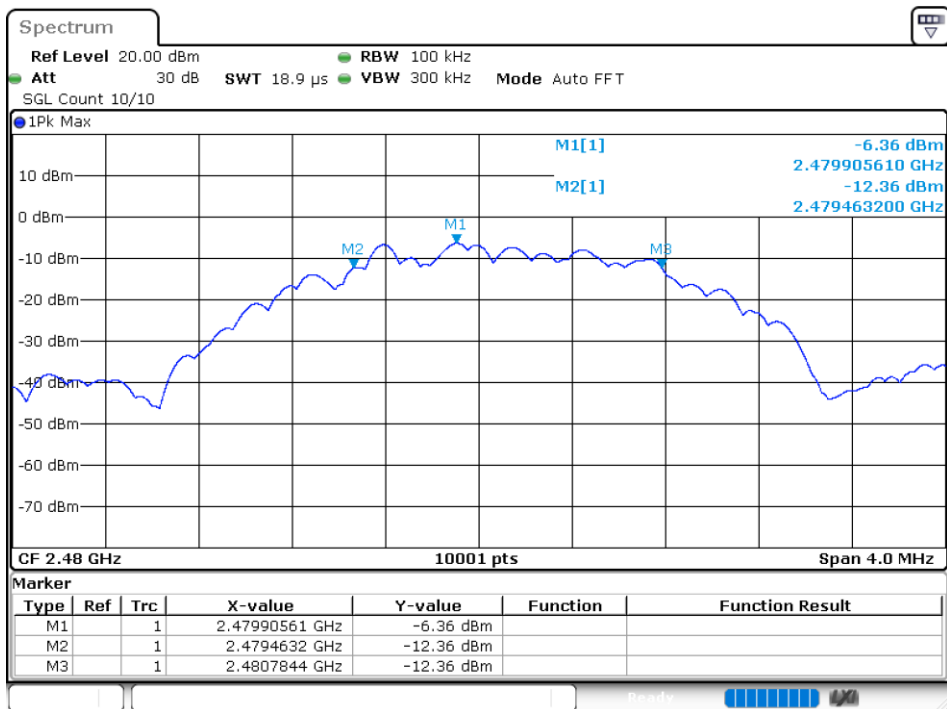
-6 dB BW NVNT BLE 2440MHz Ant1



OBW NVNT BLE 2480MHz Ant1



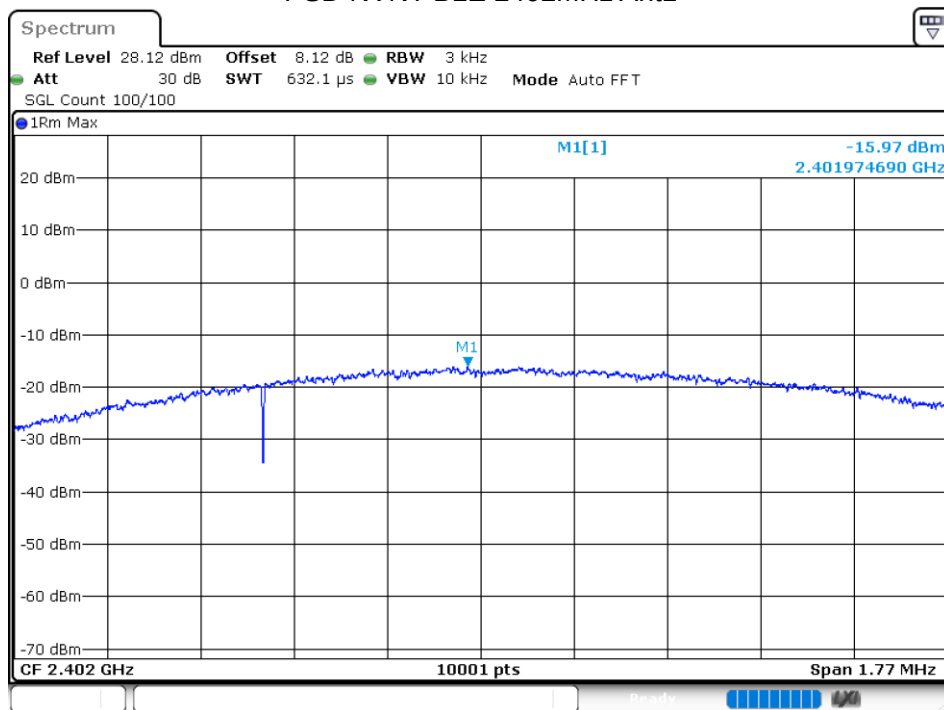
-6 dB BW NVNT BLE 2480MHz Ant1



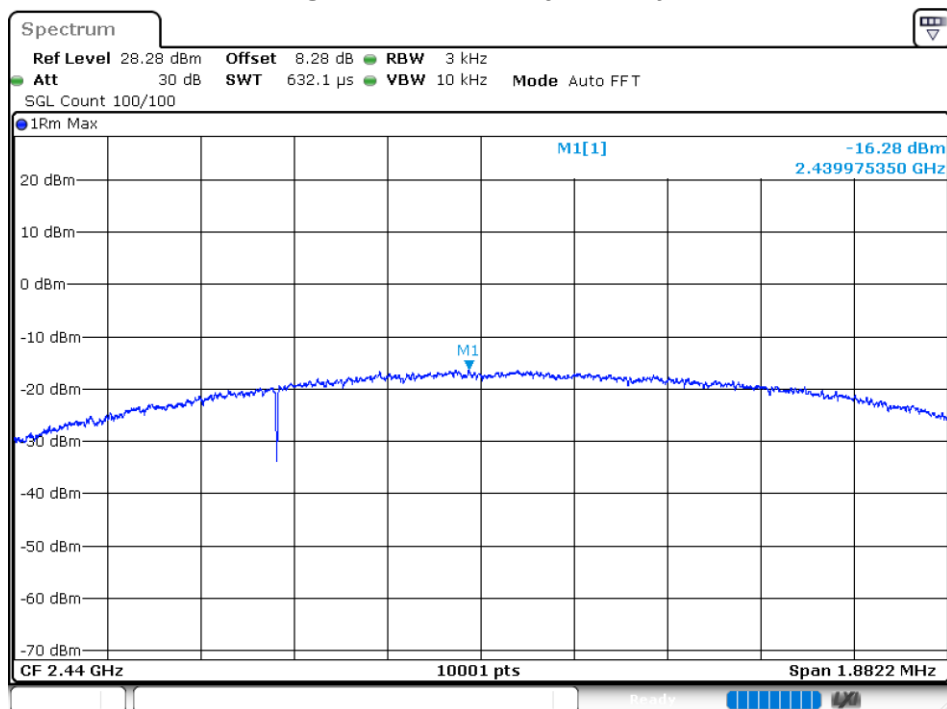
8.2.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2402	Ant 1	-15.969	8	Pass
NVNT	BLE	2440	Ant 1	-16.285	8	Pass
NVNT	BLE	2480	Ant 1	-16.588	8	Pass

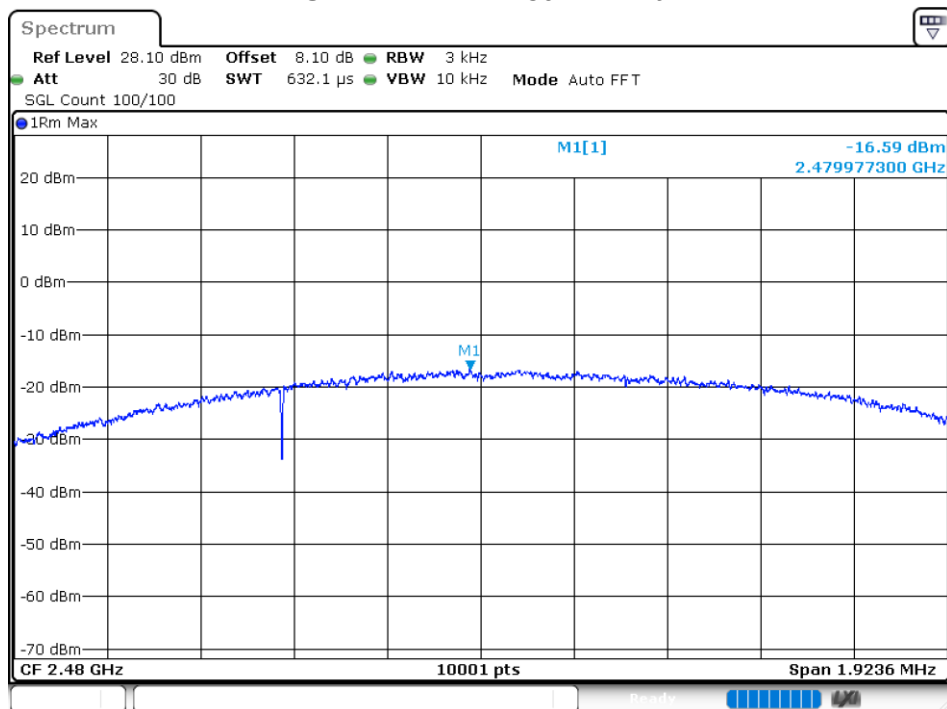
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2440MHz Ant1



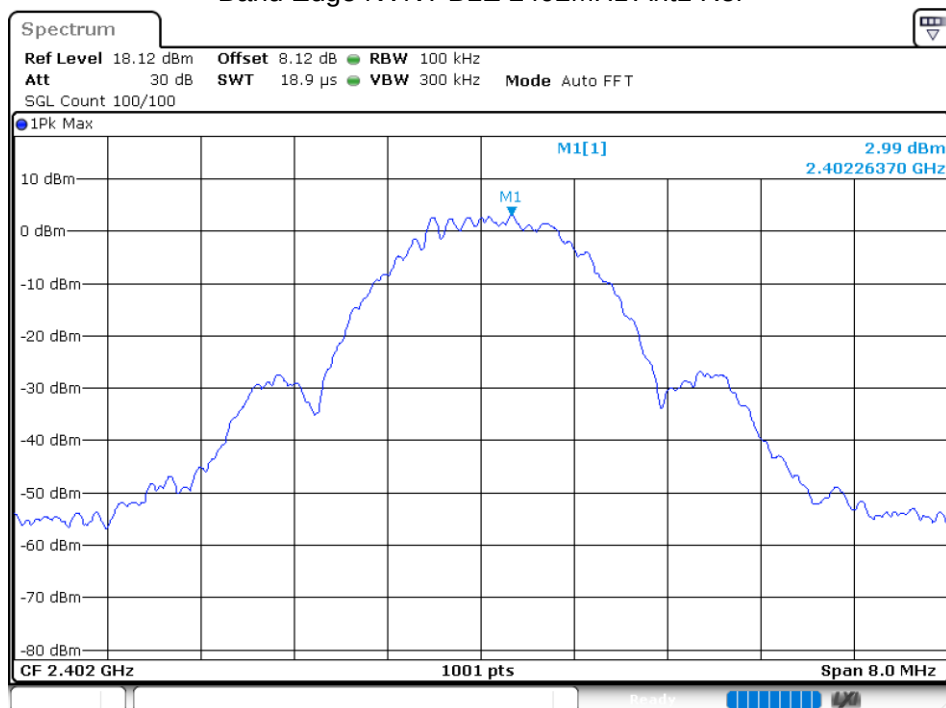
PSD NVNT BLE 2480MHz Ant1



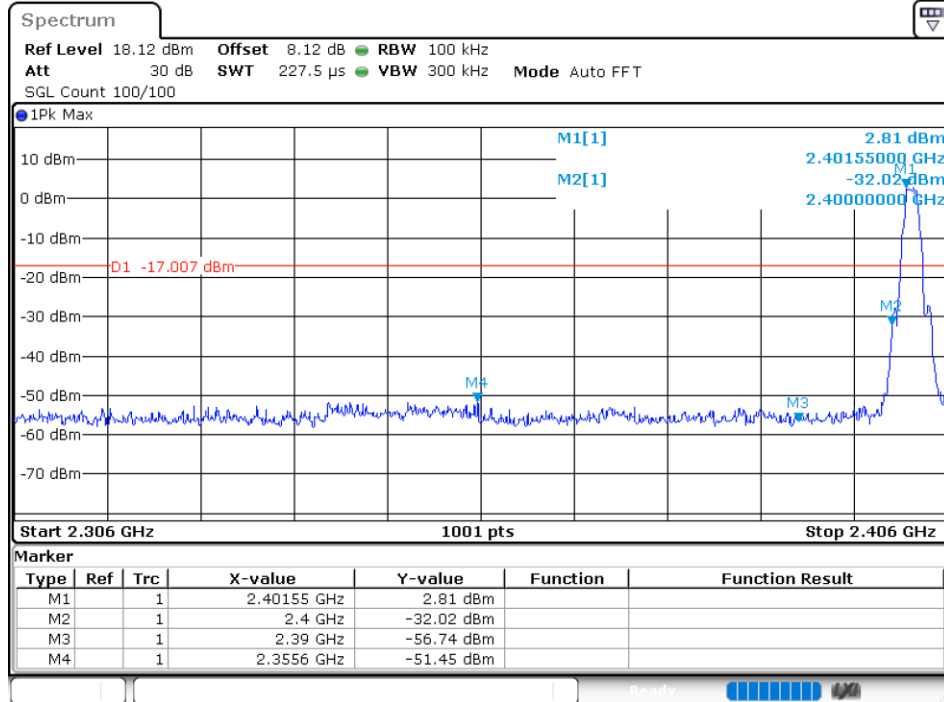
8.2.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-54.44	-20	Pass
NVNT	BLE	2480	Ant 1	-53.42	-20	Pass

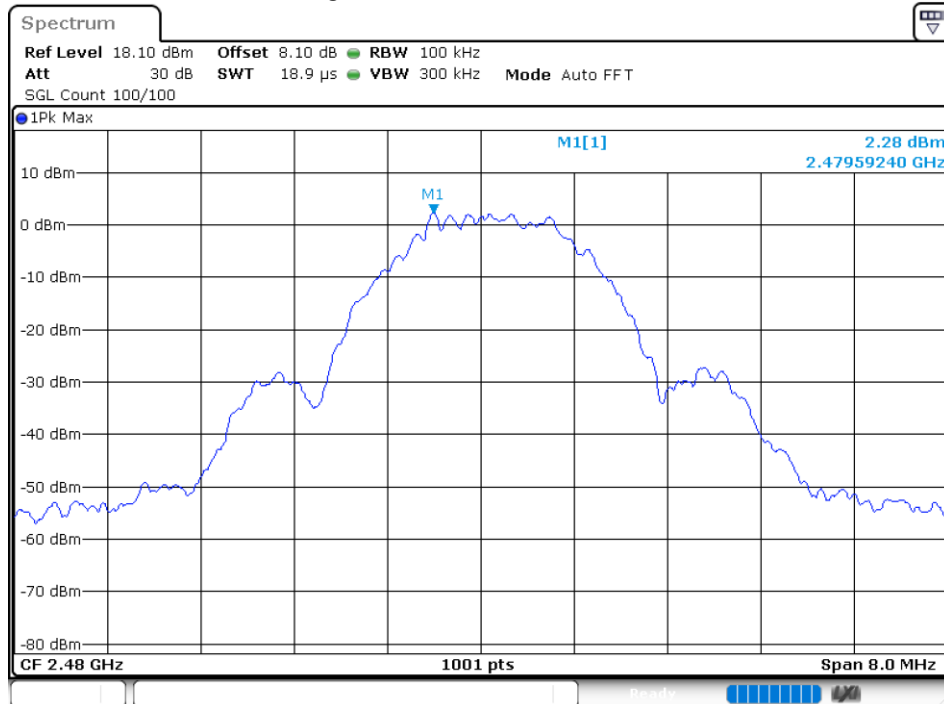
Band Edge NVNT BLE 2402MHz Ant1 Ref



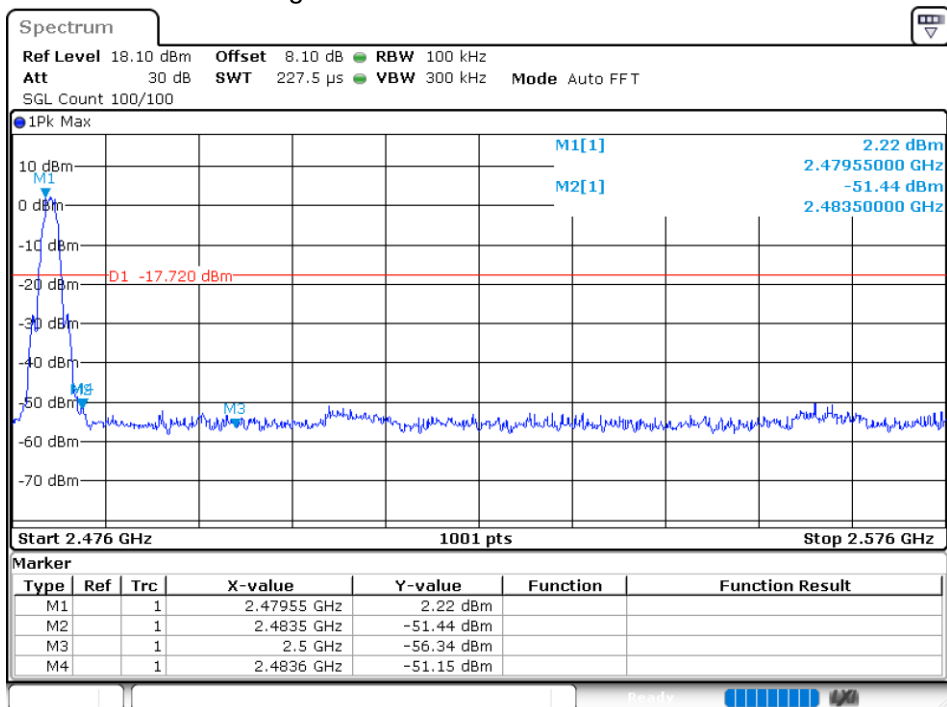
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



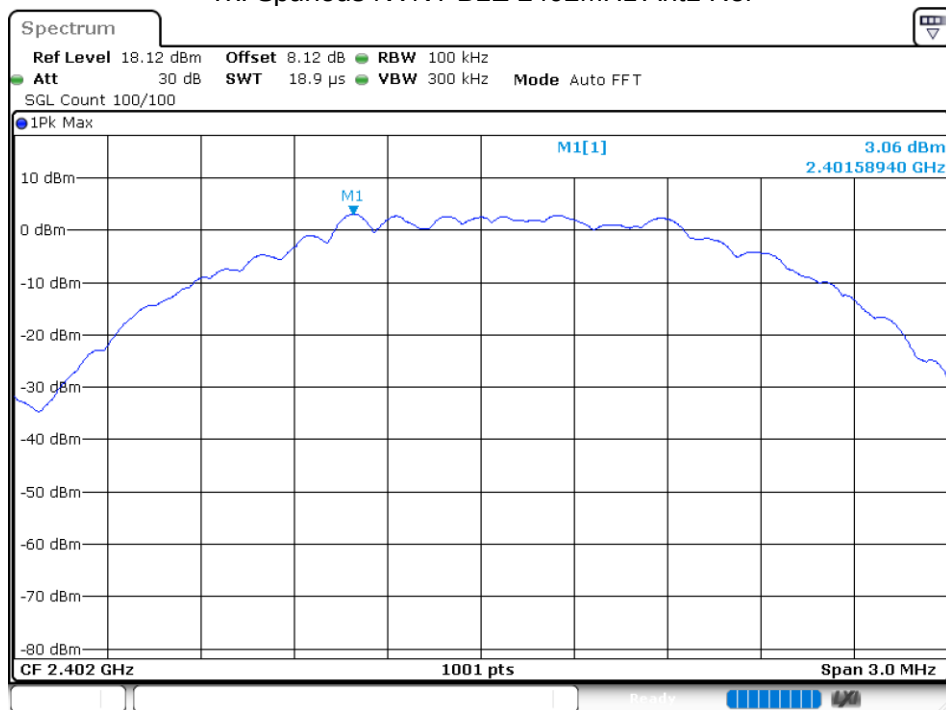
Band Edge NVNT BLE 2480MHz Ant1 Emission



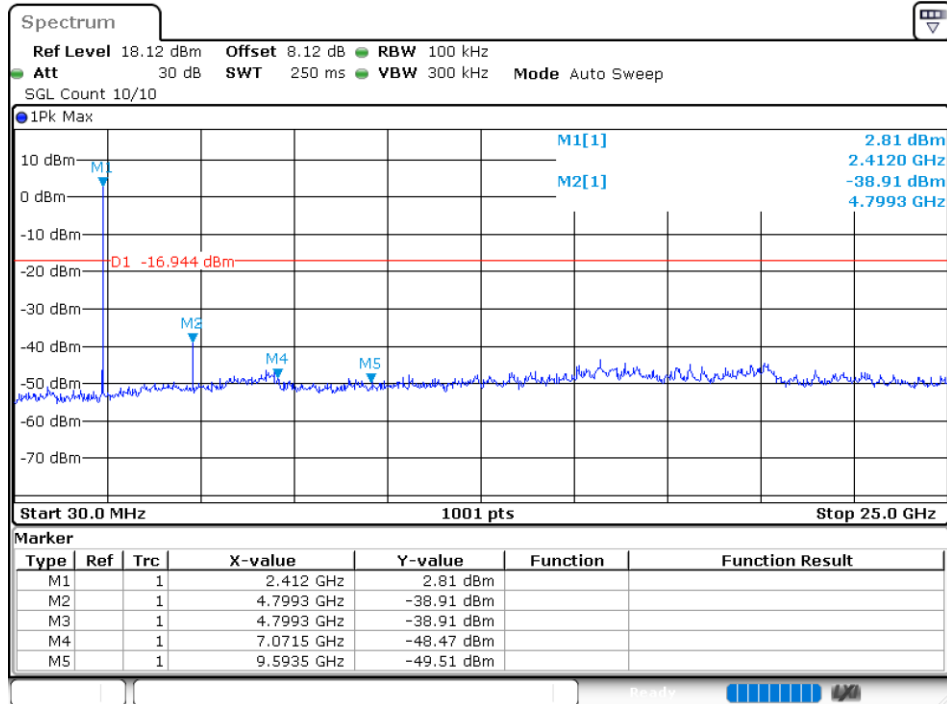
8.2.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-41.96	-20	Pass
NVNT	BLE	2440	Ant 1	-42.42	-20	Pass
NVNT	BLE	2480	Ant 1	-45.23	-20	Pass

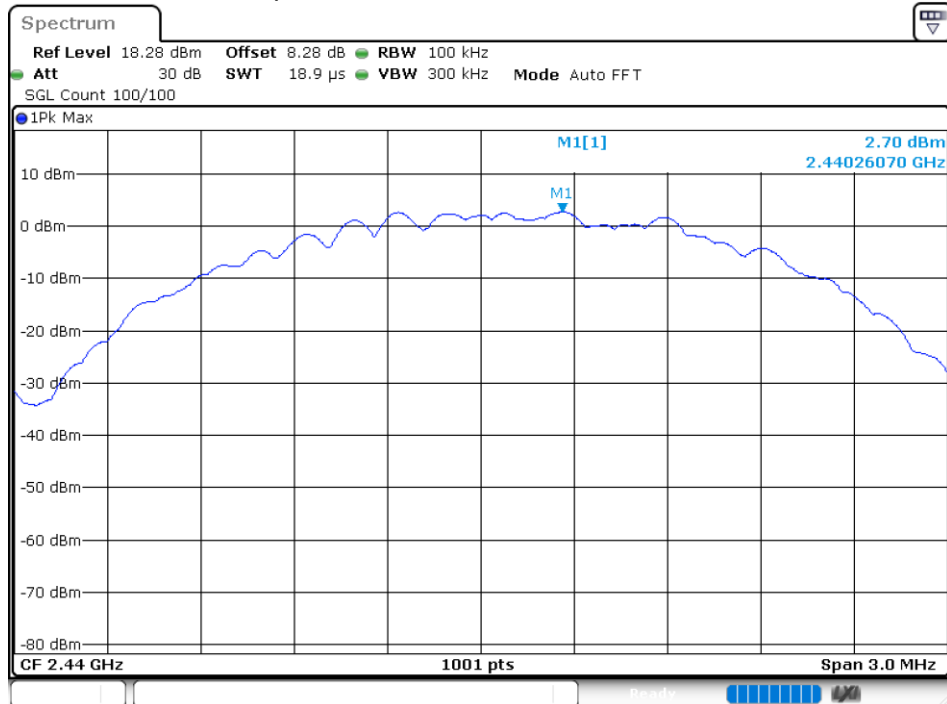
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



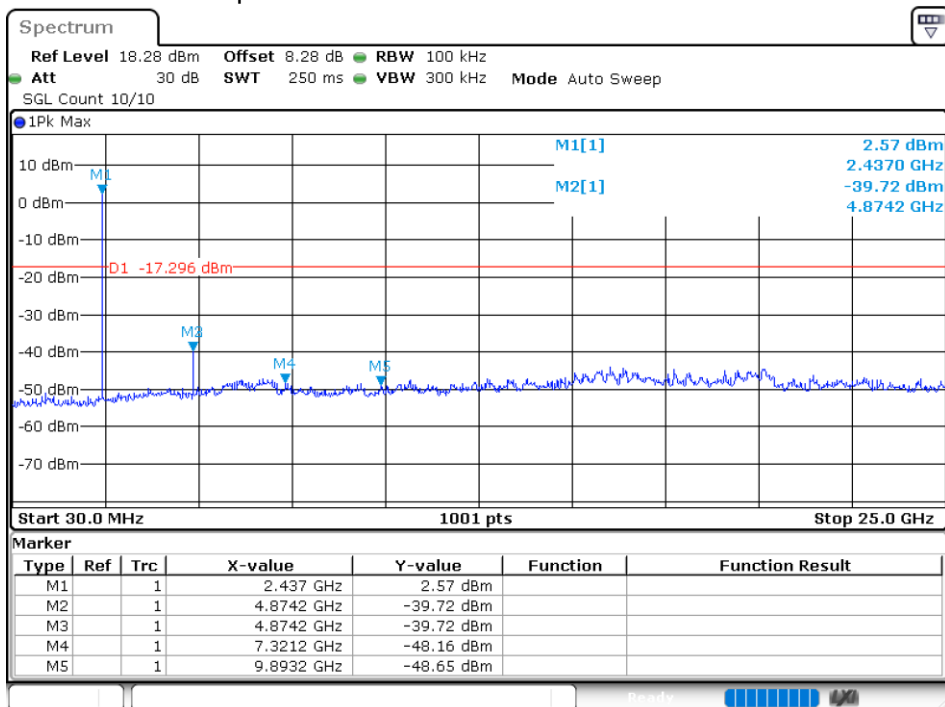
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



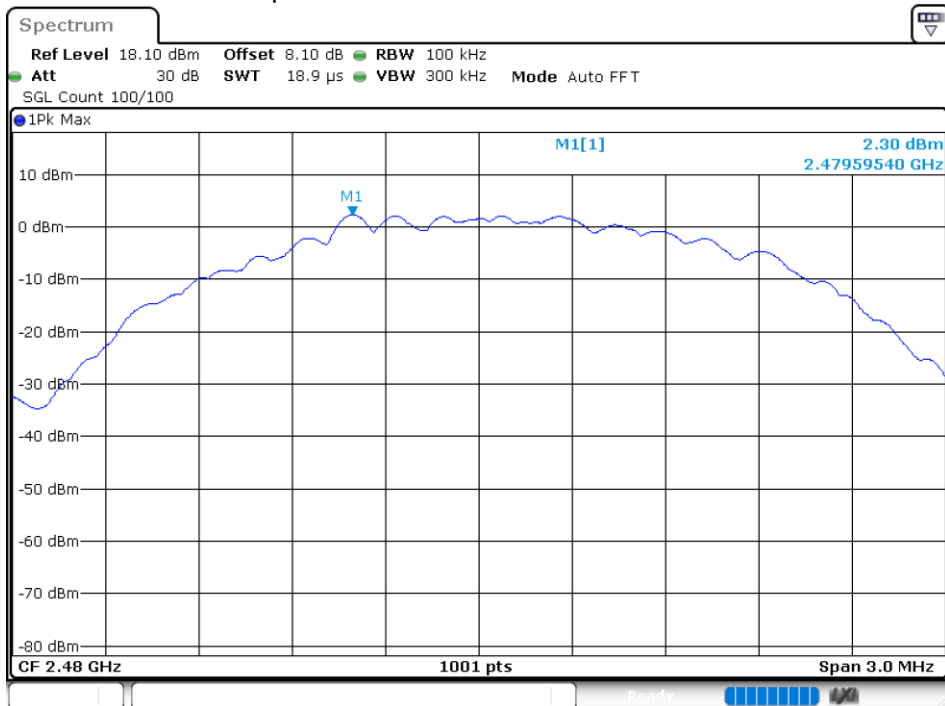
Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



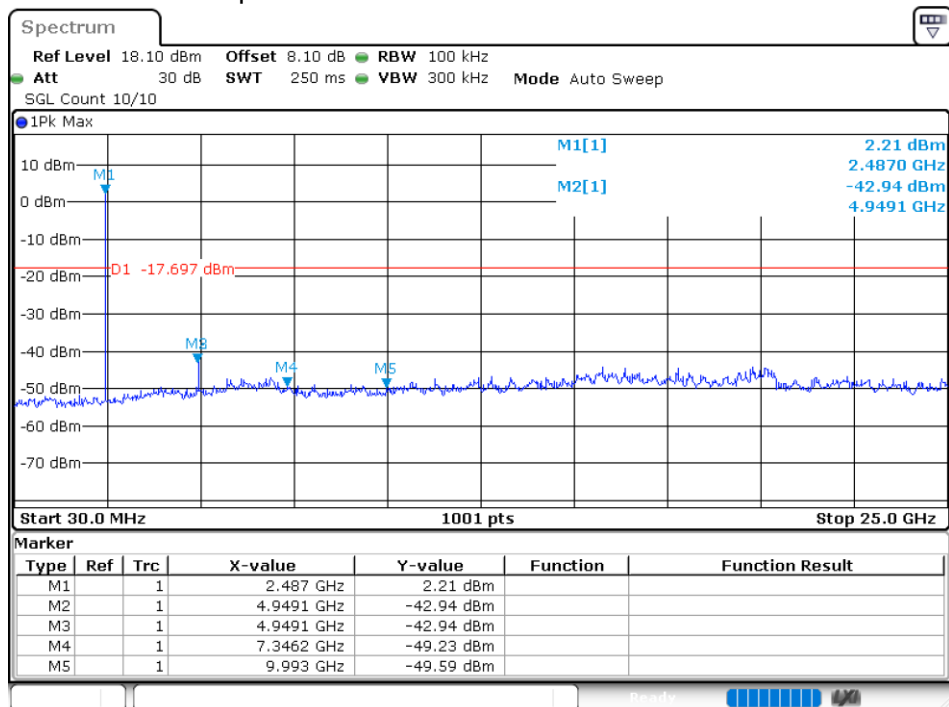
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

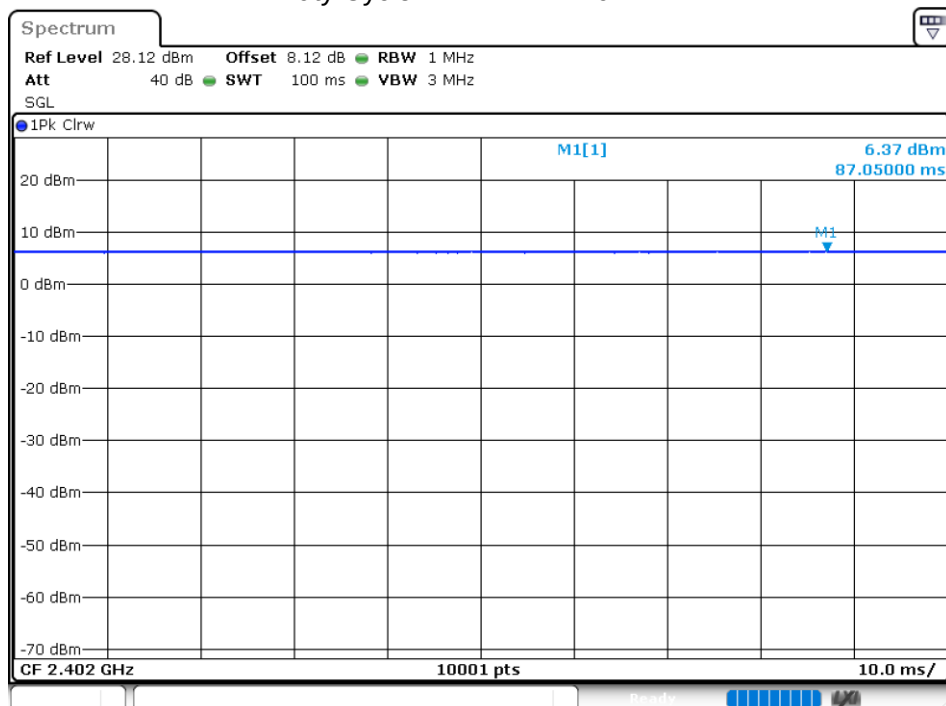


8.3 125Kbps RATE DATA

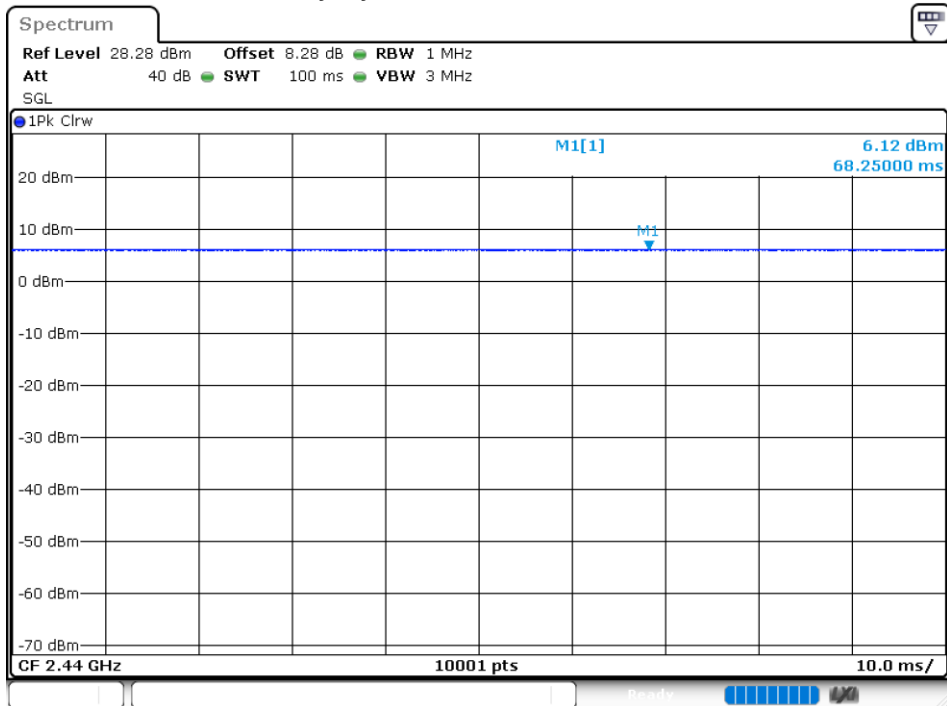
8.3.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	100	0
NVNT	BLE	2440	100	0
NVNT	BLE	2480	100	0

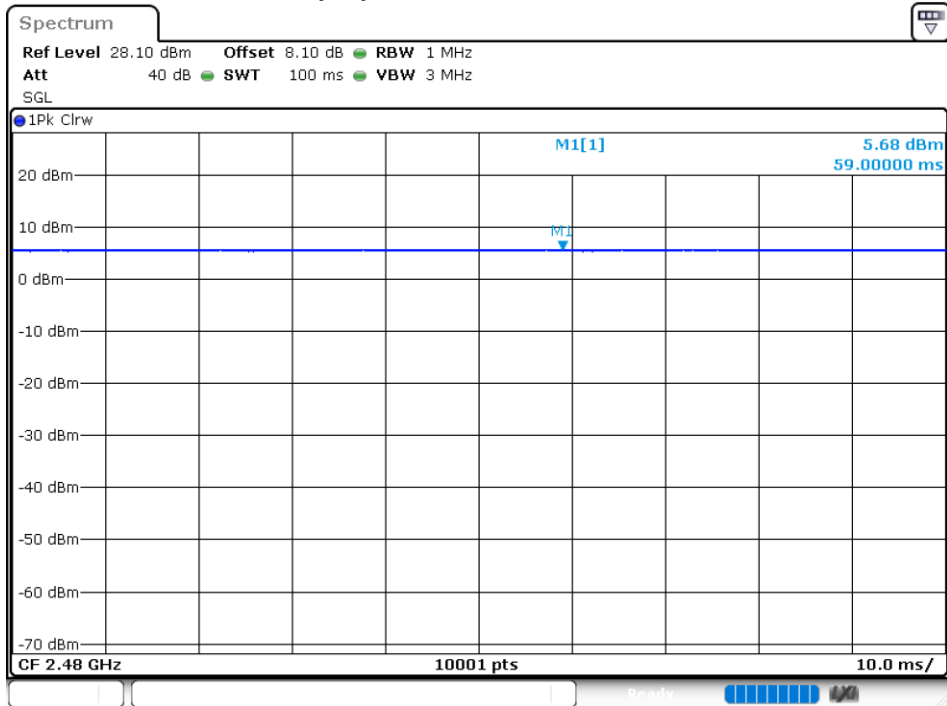
Duty Cycle NVNT BLE 2402MHz



Duty Cycle NVNT BLE 2440MHz



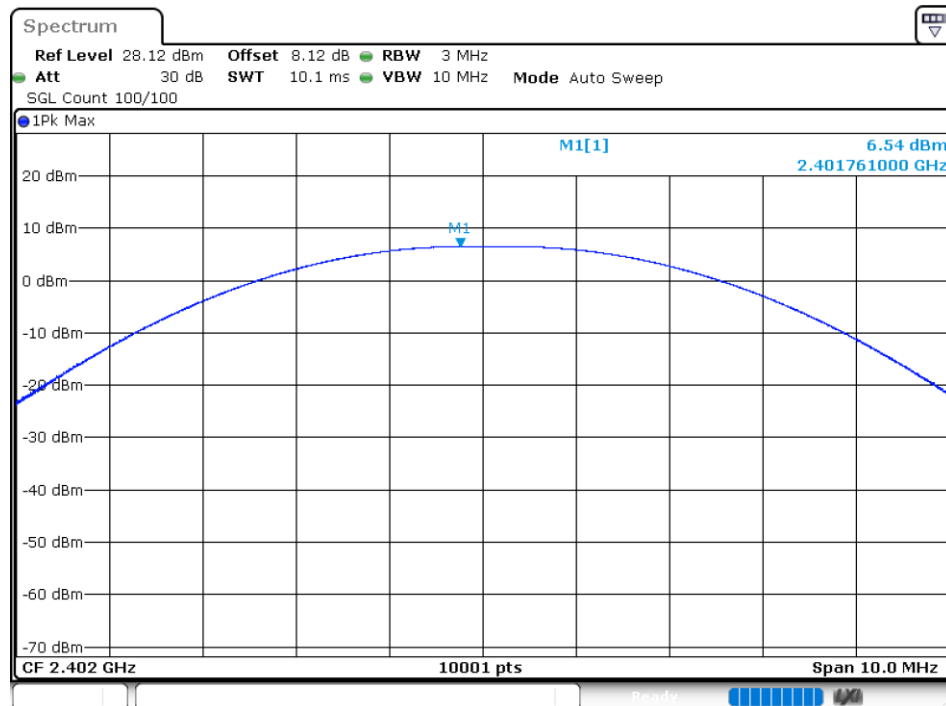
Duty Cycle NVNT BLE 2480MHz



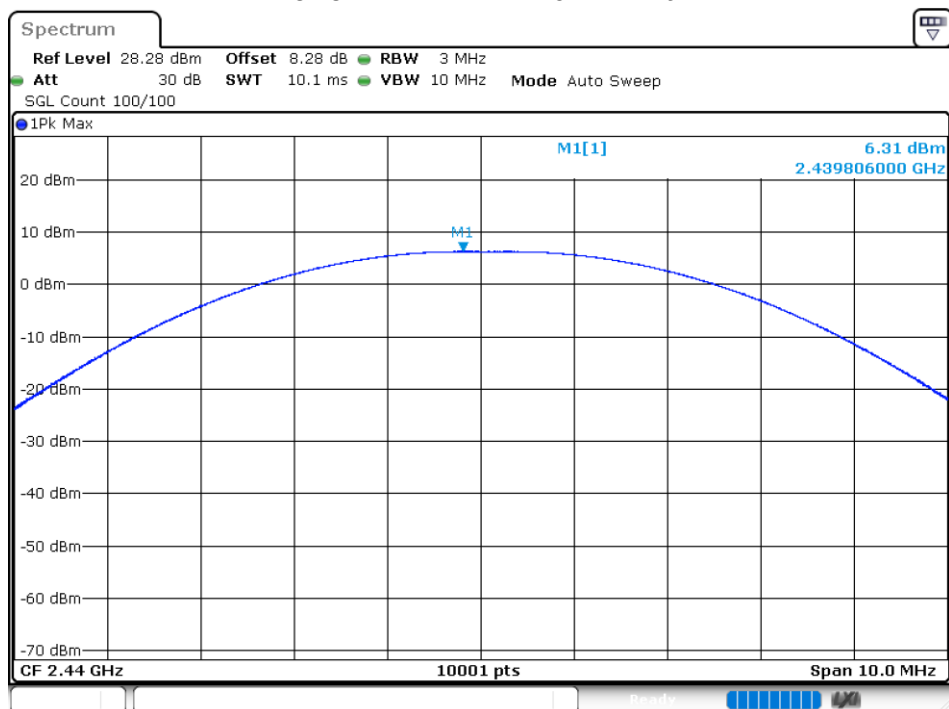
8.3.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant 1	6.54	0	6.54	30	Pass
NVNT	BLE	2440	Ant 1	6.31	0	6.31	30	Pass
NVNT	BLE	2480	Ant 1	5.81	0	5.81	30	Pass

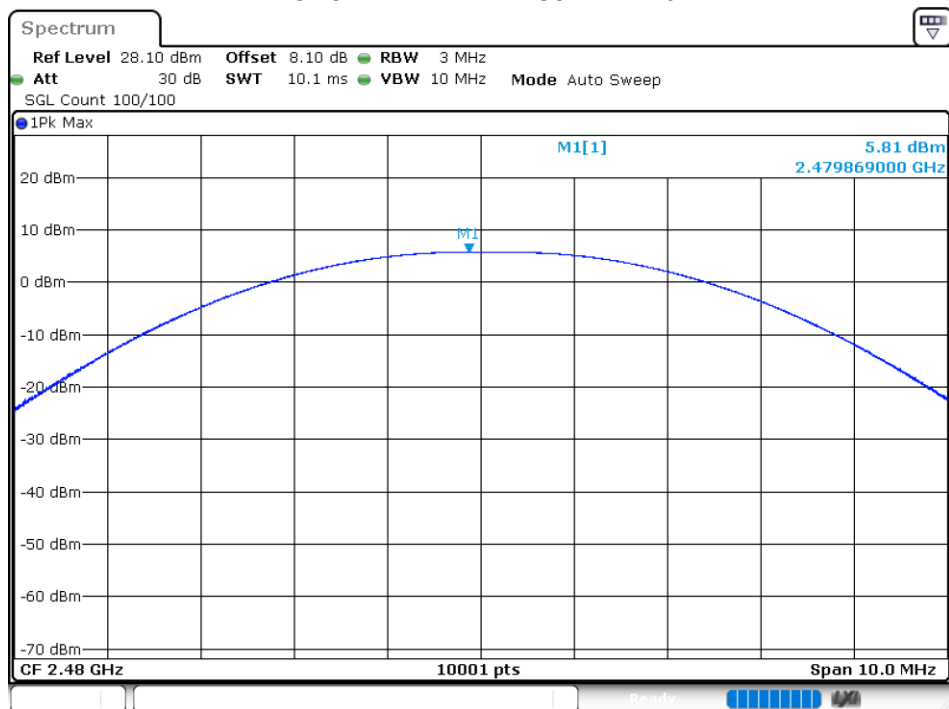
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2440MHz Ant1



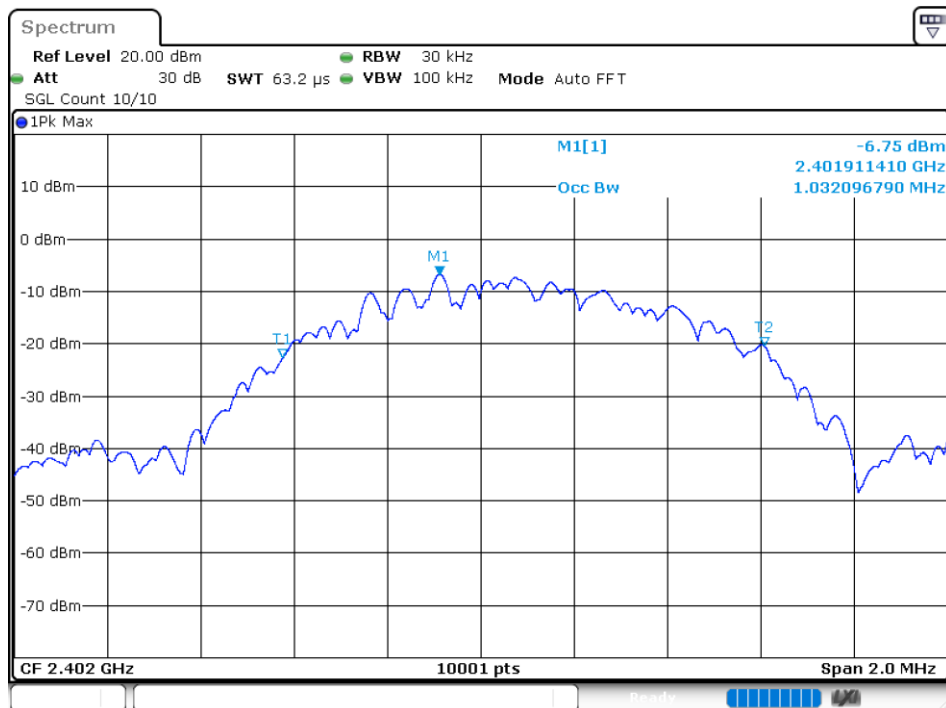
Power NVNT BLE 2480MHz Ant1



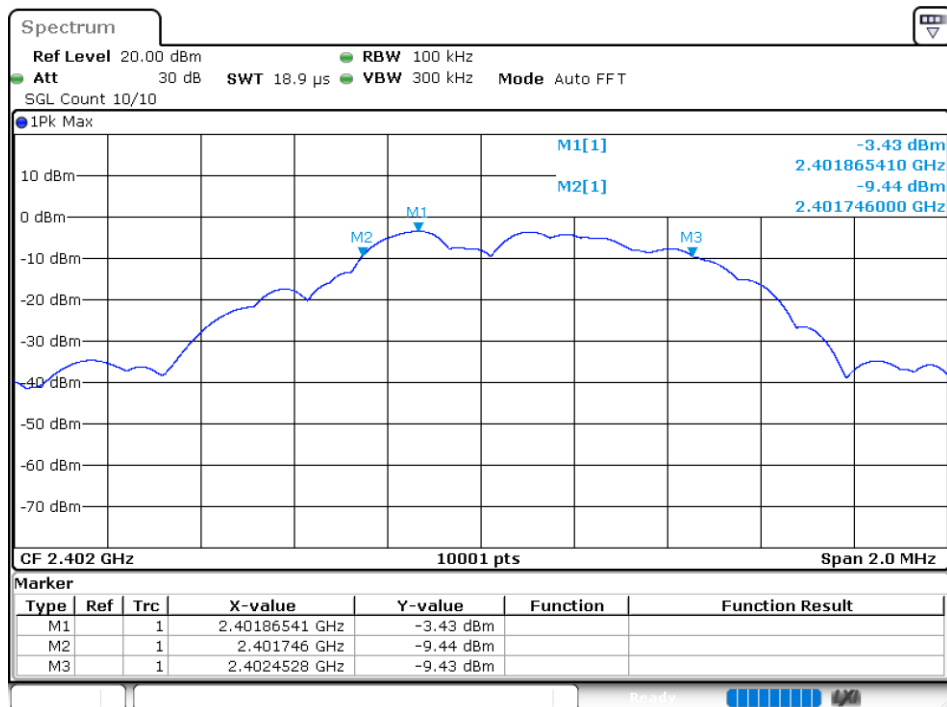
8.3.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant 1	1.0321	0.7068	≥0.5	Pass
NVNT	BLE	2440	Ant 1	1.0389	0.7530	≥0.5	Pass
NVNT	BLE	2480	Ant 1	1.0291	0.7096	≥0.5	Pass

OBW NVNT BLE 2402MHz Ant1



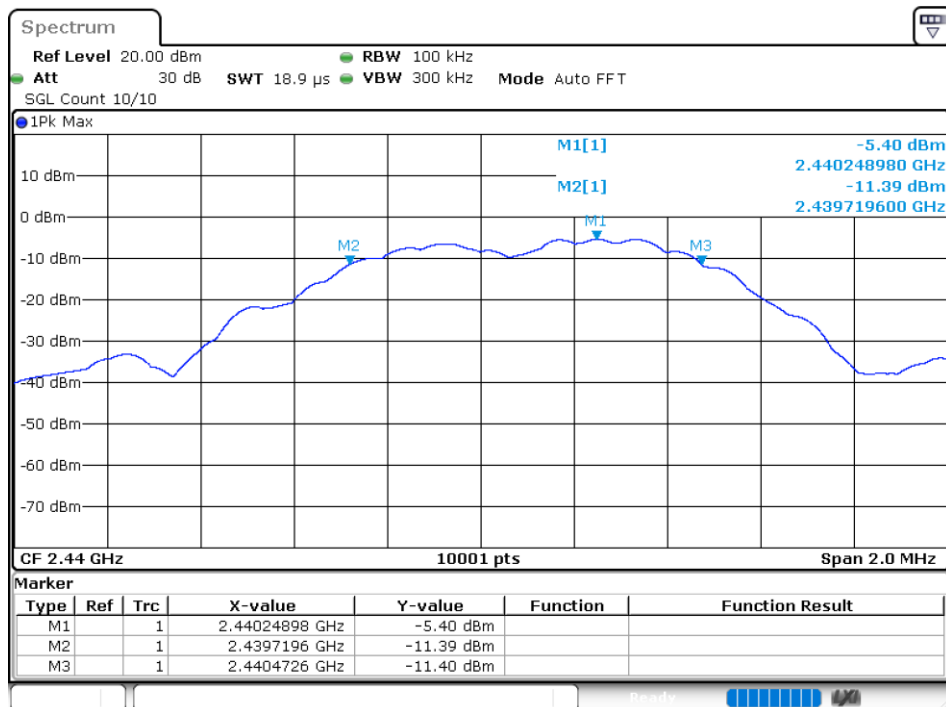
-6 dB BW NVNT BLE 2402MHz Ant1



OBW NVNT BLE 2440MHz Ant1



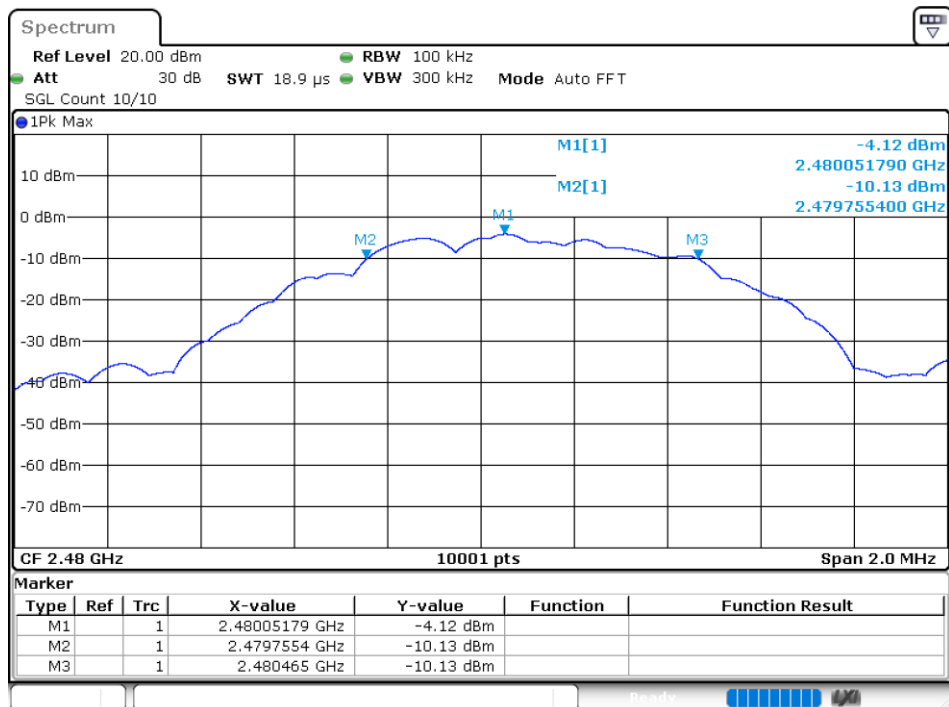
-6 dB BW NVNT BLE 2440MHz Ant1



OBW NVNT BLE 2480MHz Ant1



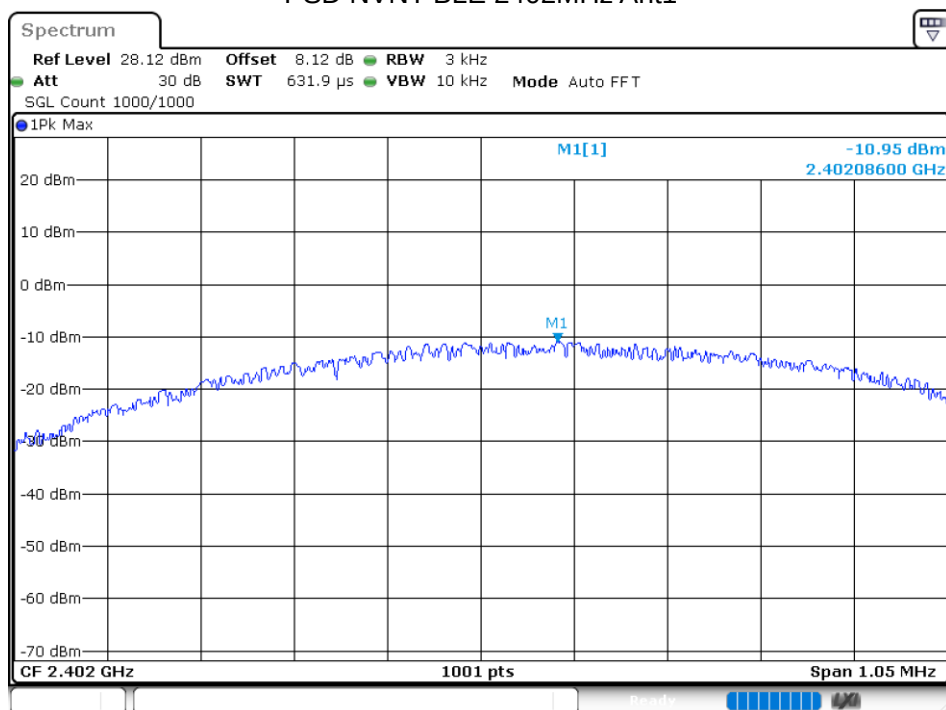
-6 dB BW NVNT BLE 2480MHz Ant1



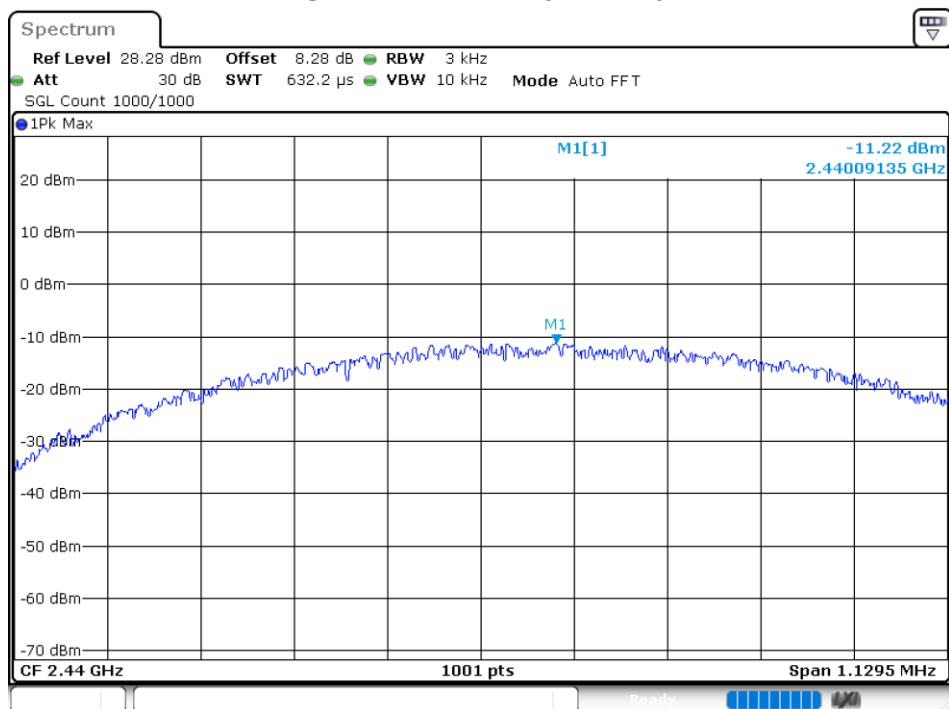
8.3.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2402	Ant 1	-10.951	8	Pass
NVNT	BLE	2440	Ant 1	-11.222	8	Pass
NVNT	BLE	2480	Ant 1	-11.01	8	Pass

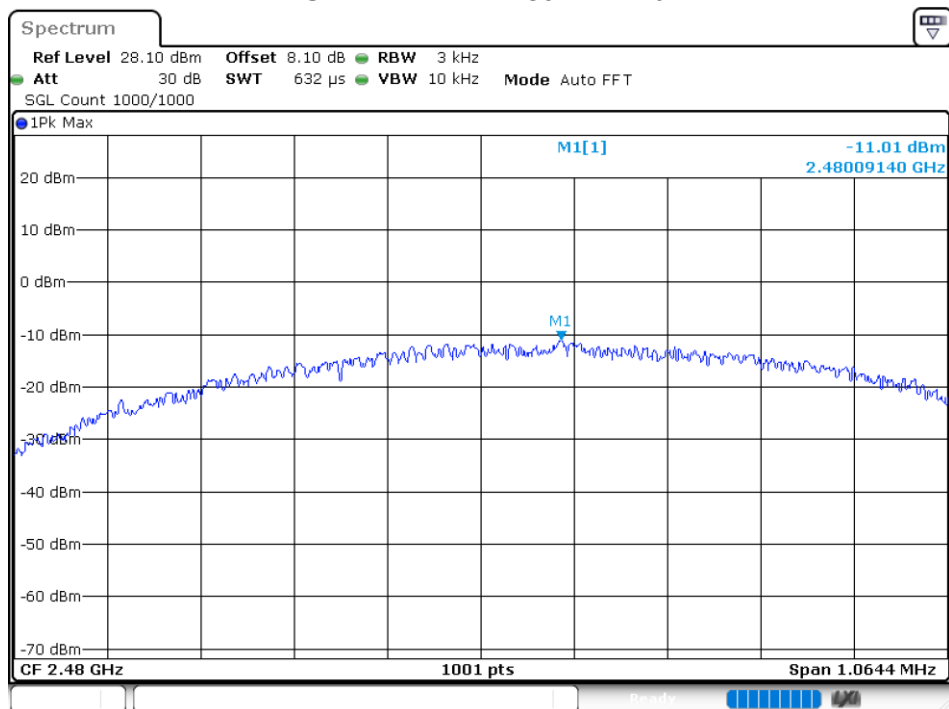
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2440MHz Ant1



PSD NVNT BLE 2480MHz Ant1



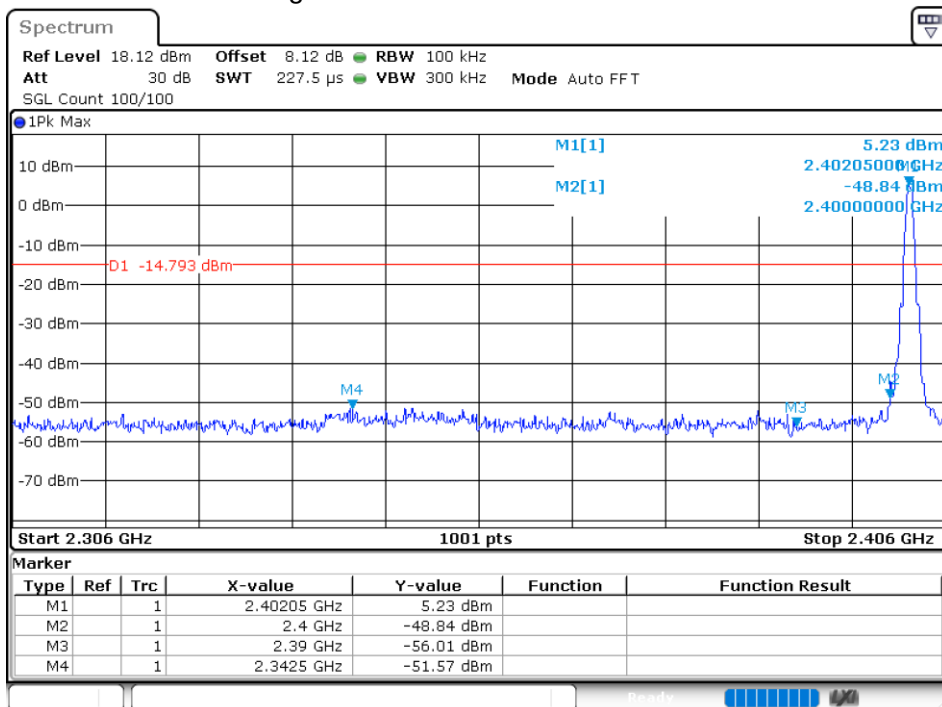
8.3.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-56.78	-20	Pass
NVNT	BLE	2480	Ant 1	-55.29	-20	Pass

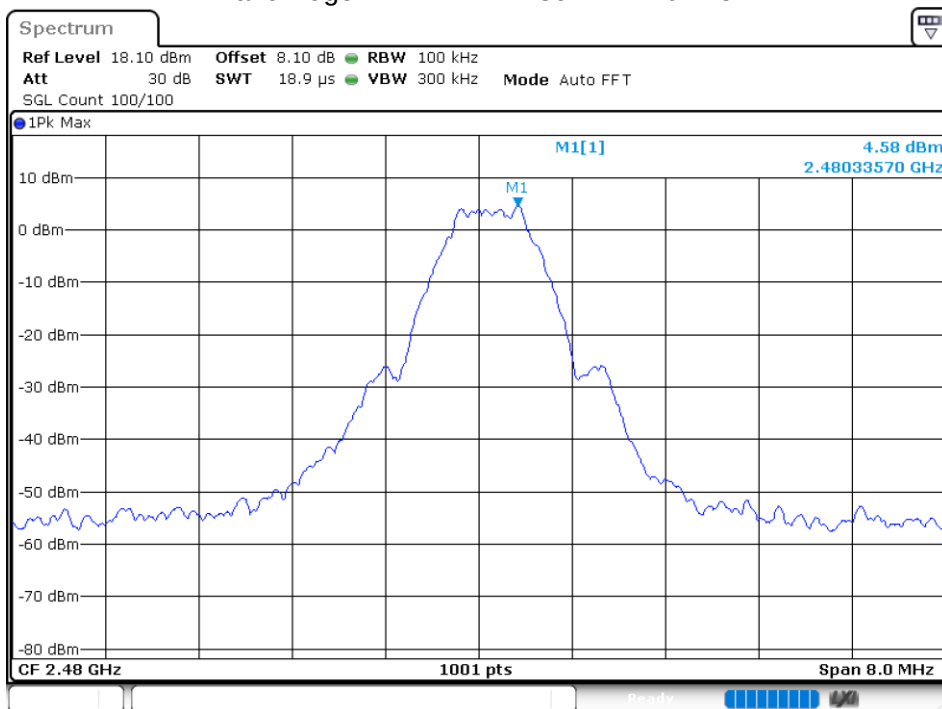
Band Edge NVNT BLE 2402MHz Ant1 Ref



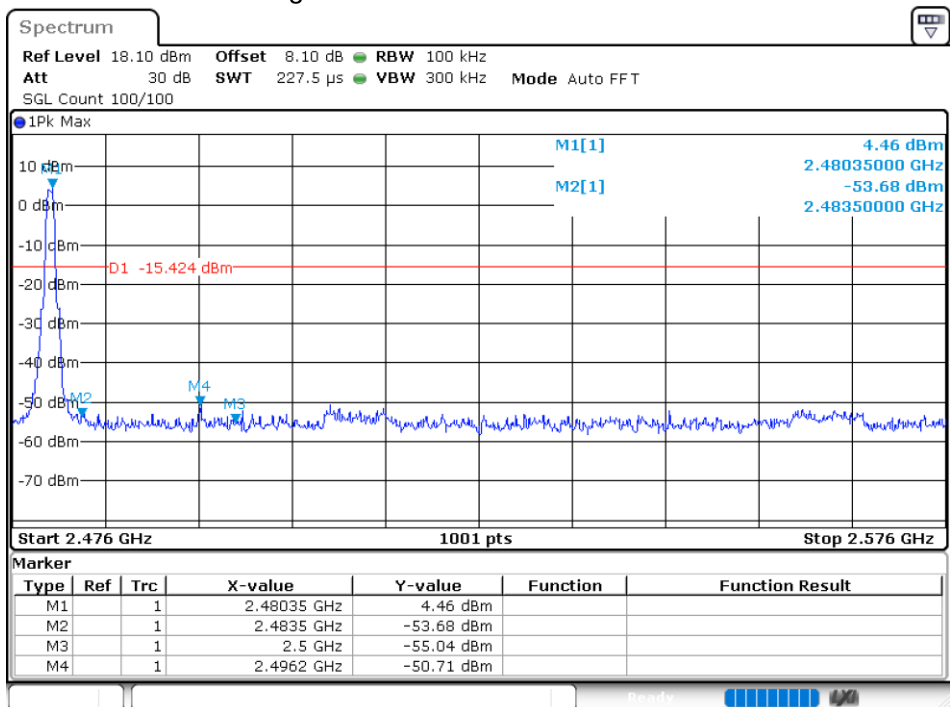
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



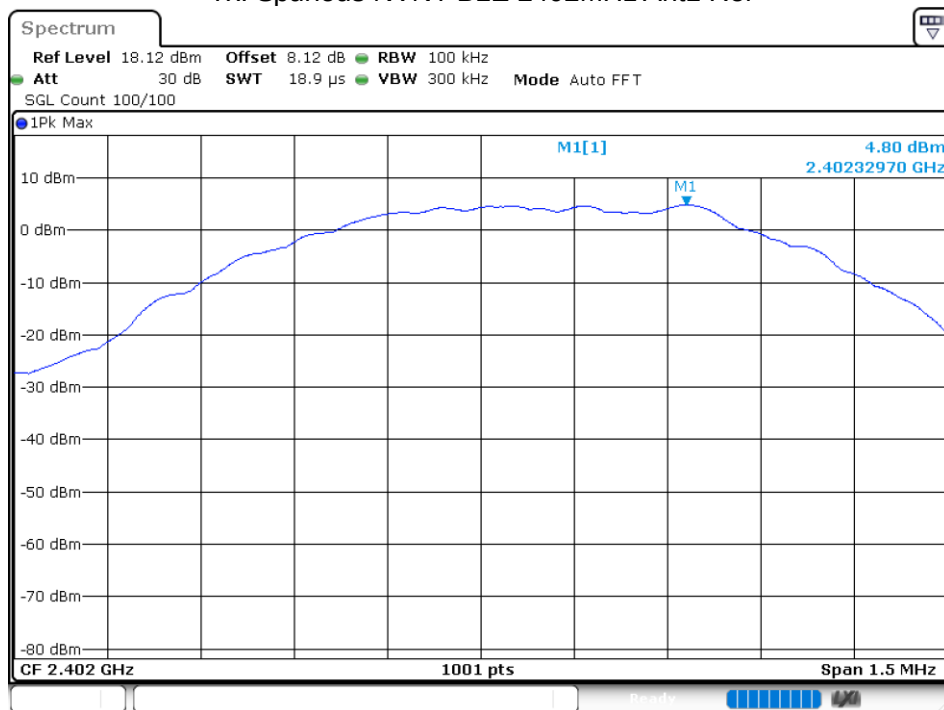
Band Edge NVNT BLE 2480MHz Ant1 Emission



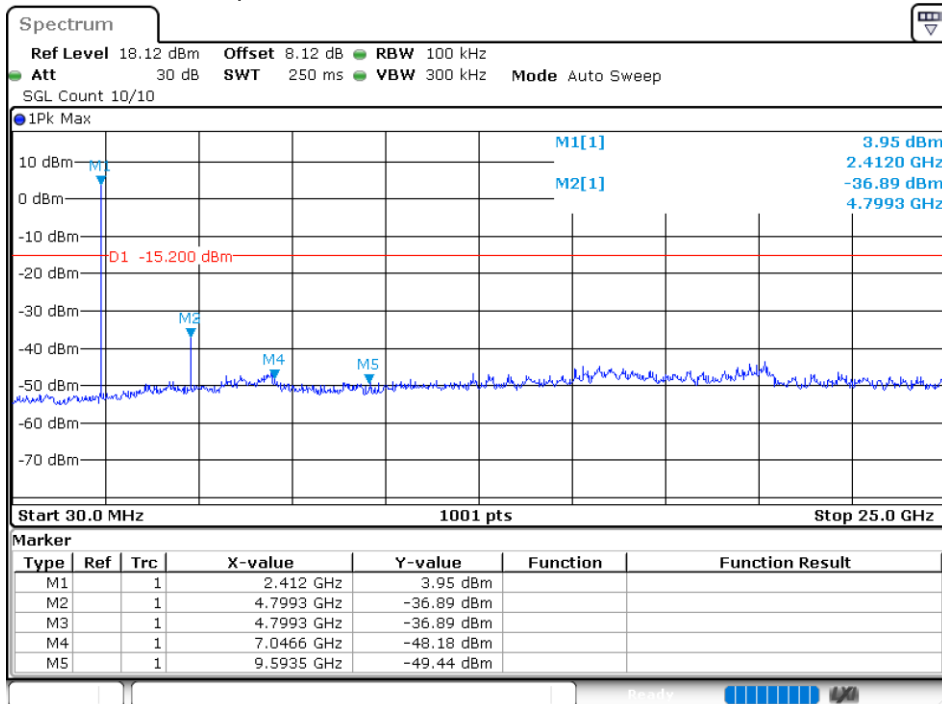
8.3.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-41.69	-20	Pass
NVNT	BLE	2440	Ant 1	-44.32	-20	Pass
NVNT	BLE	2480	Ant 1	-46.22	-20	Pass

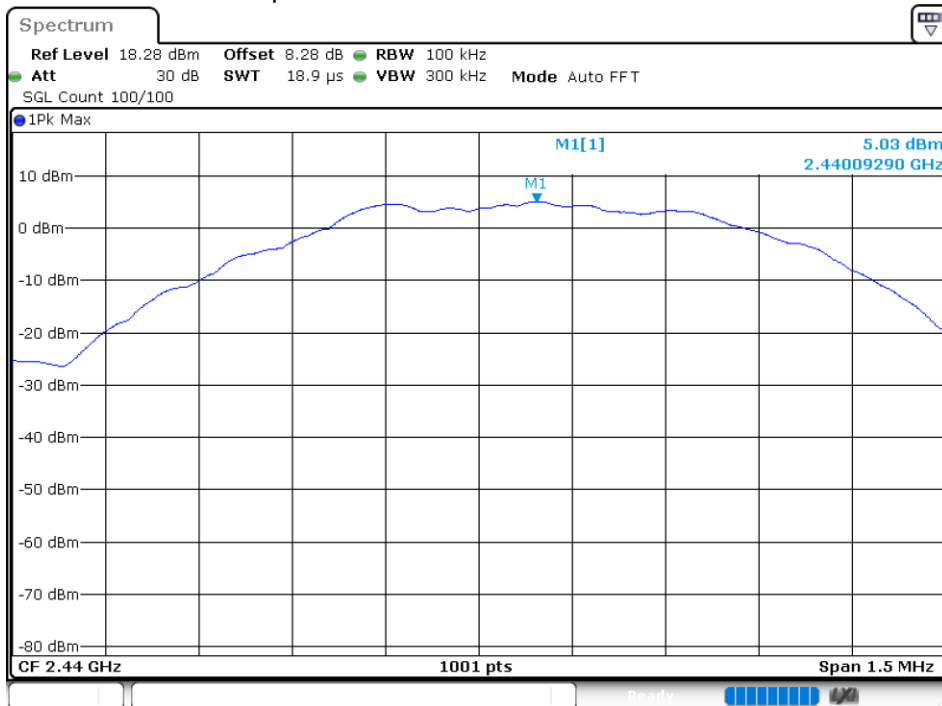
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



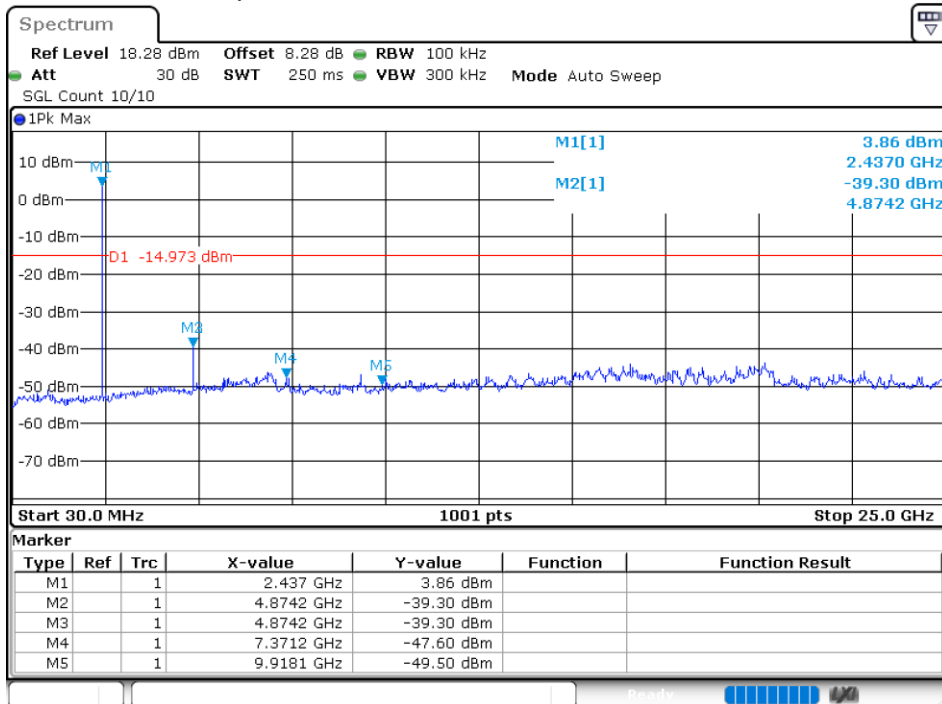
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



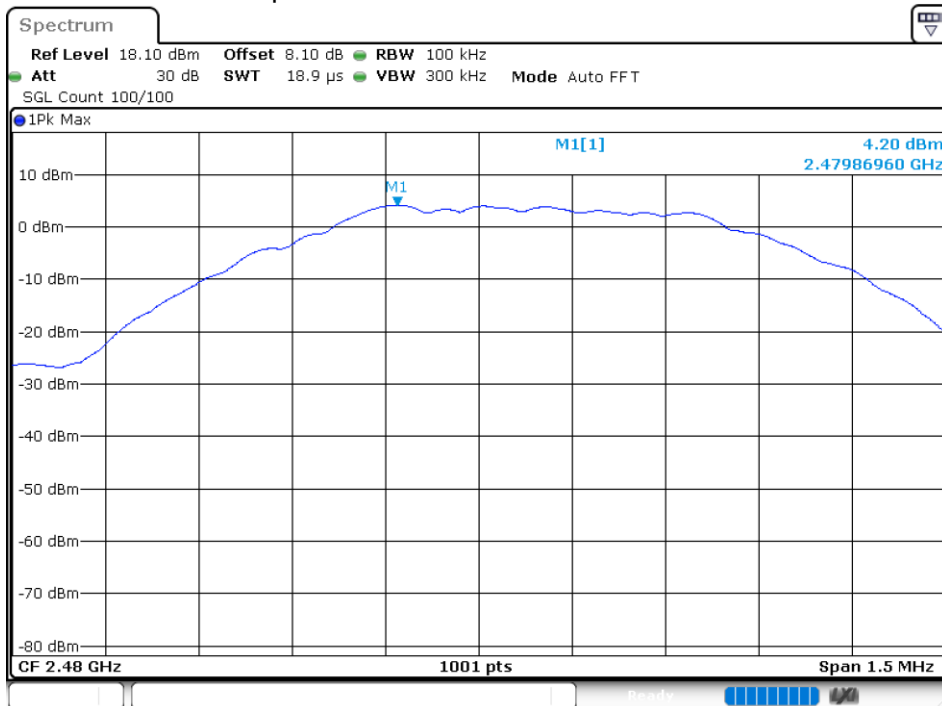
Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



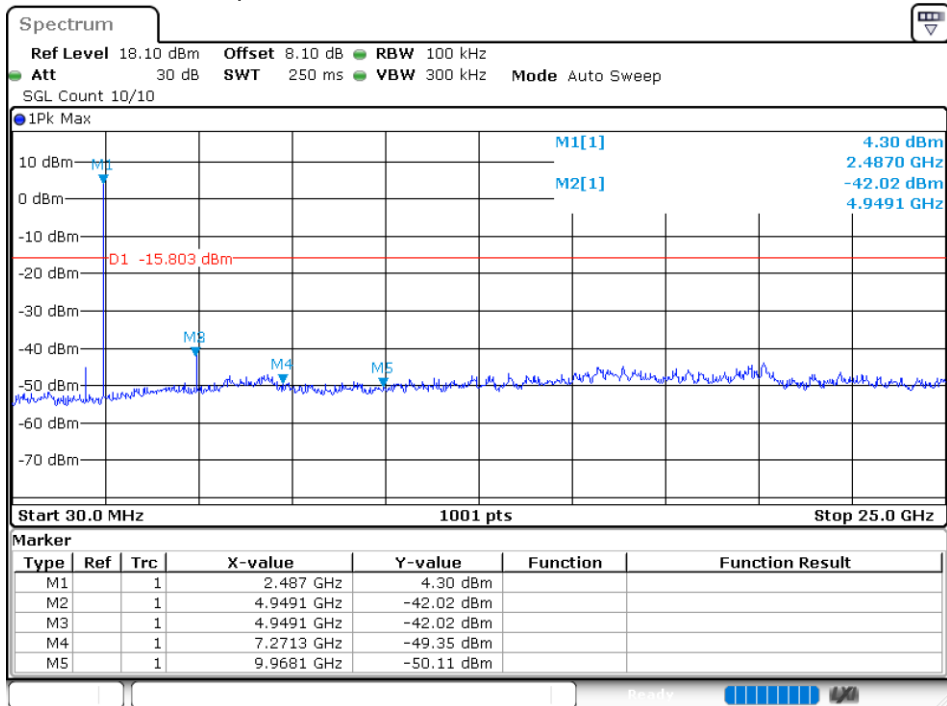
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

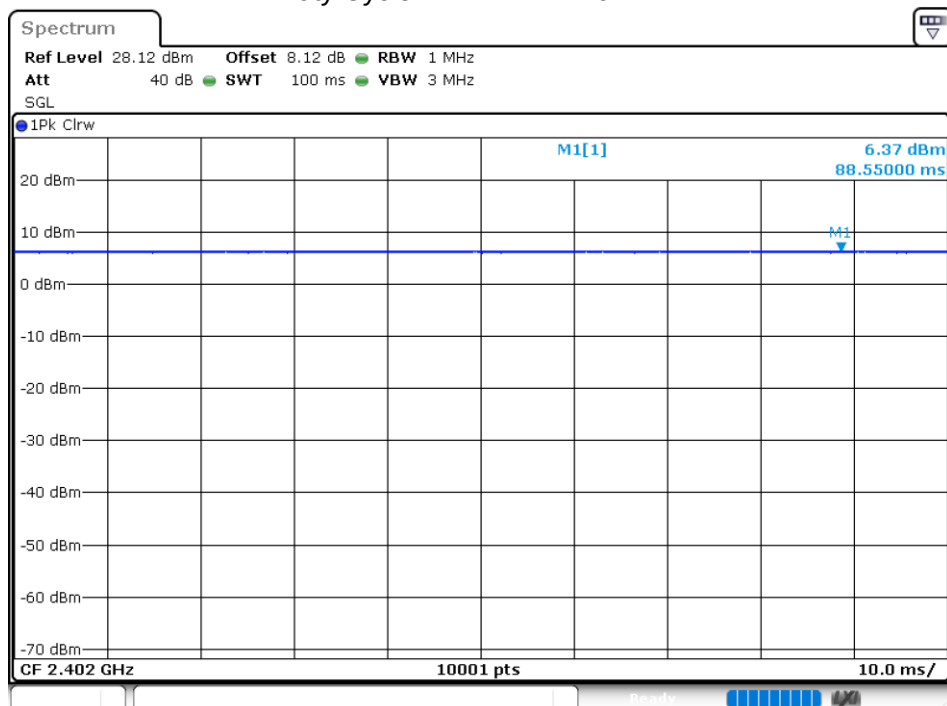


8.4 500Kbps RATE DATA

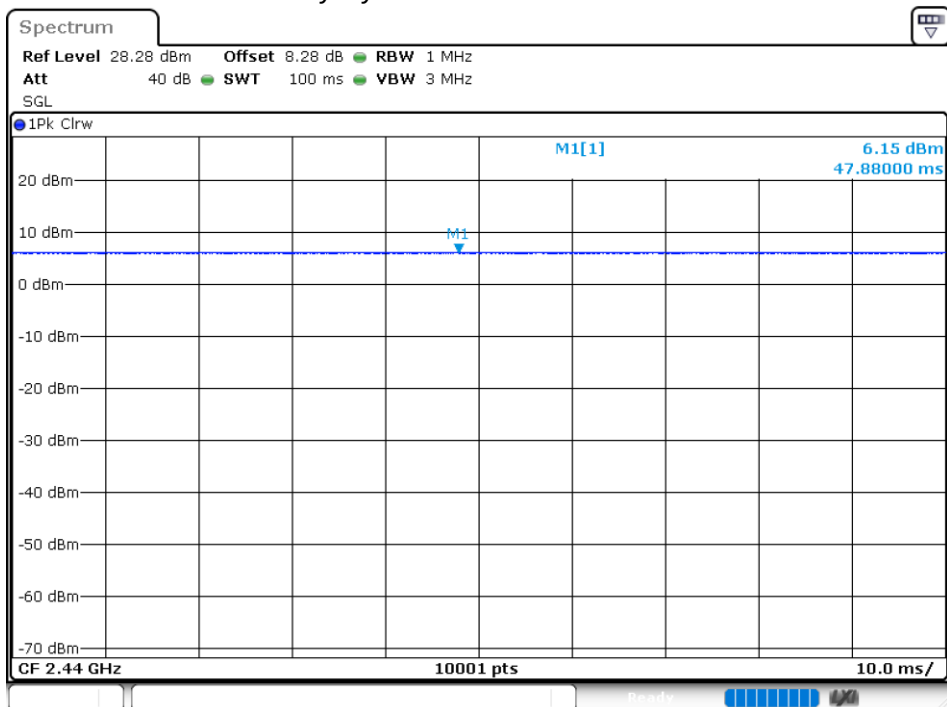
8.4.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE	2402	100	0
NVNT	BLE	2440	100	0
NVNT	BLE	2480	100	0

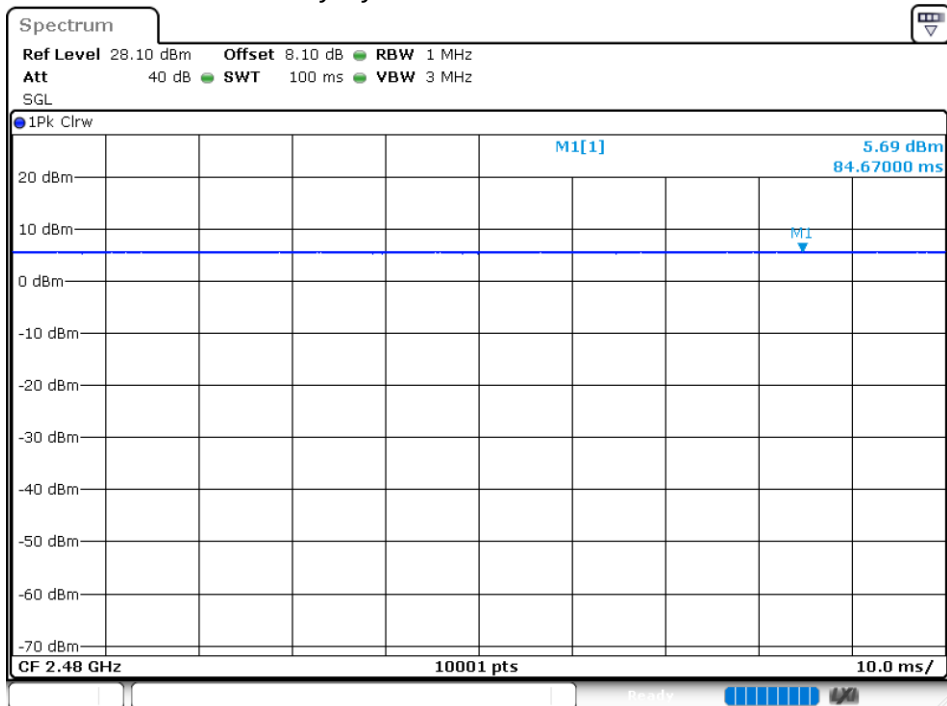
Duty Cycle NVNT BLE 2402MHz



Duty Cycle NVNT BLE 2440MHz



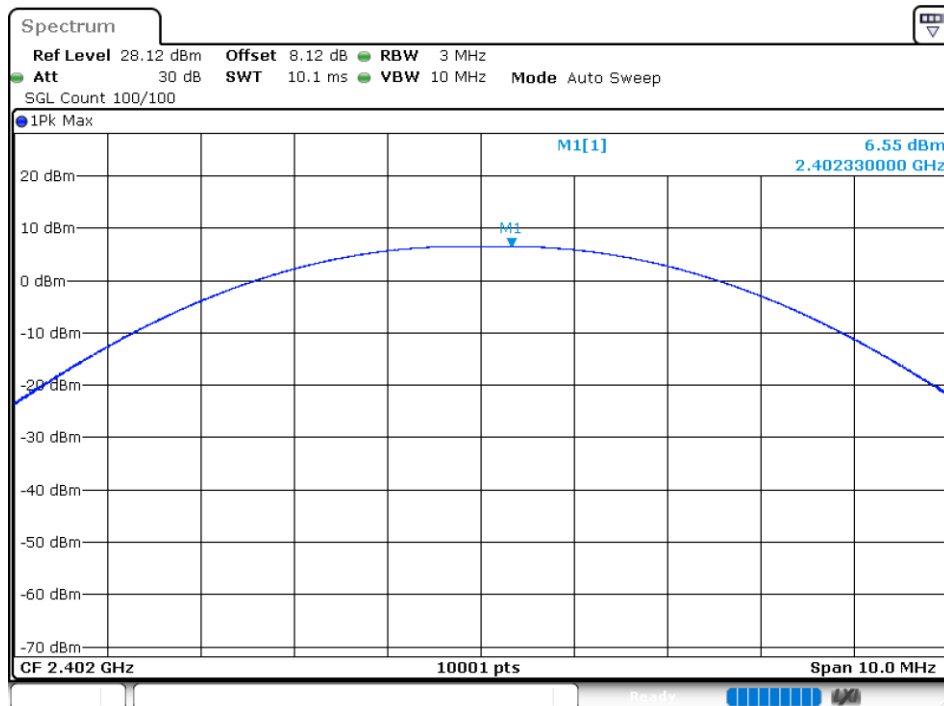
Duty Cycle NVNT BLE 2480MHz



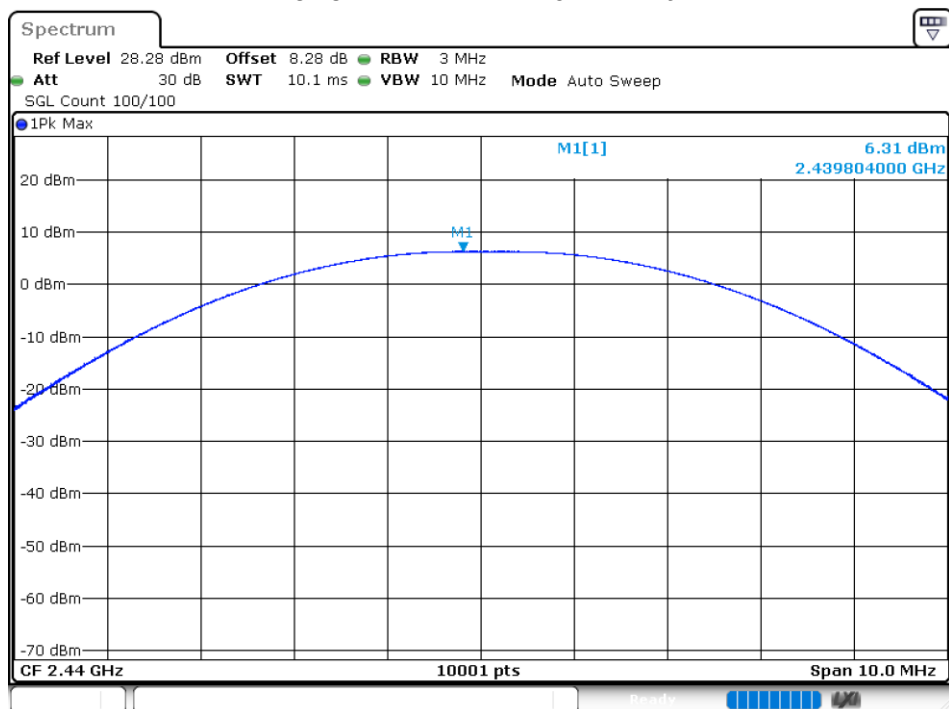
8.4.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant 1	6.55	0	6.55	30	Pass
NVNT	BLE	2440	Ant 1	6.31	0	6.31	30	Pass
NVNT	BLE	2480	Ant 1	5.82	0	5.82	30	Pass

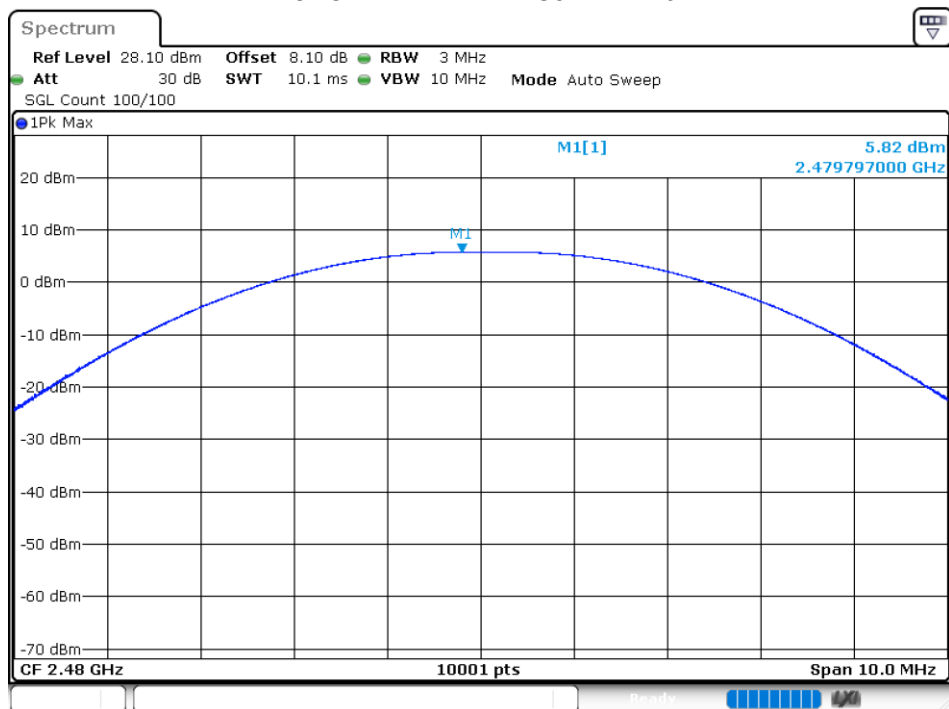
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2440MHz Ant1



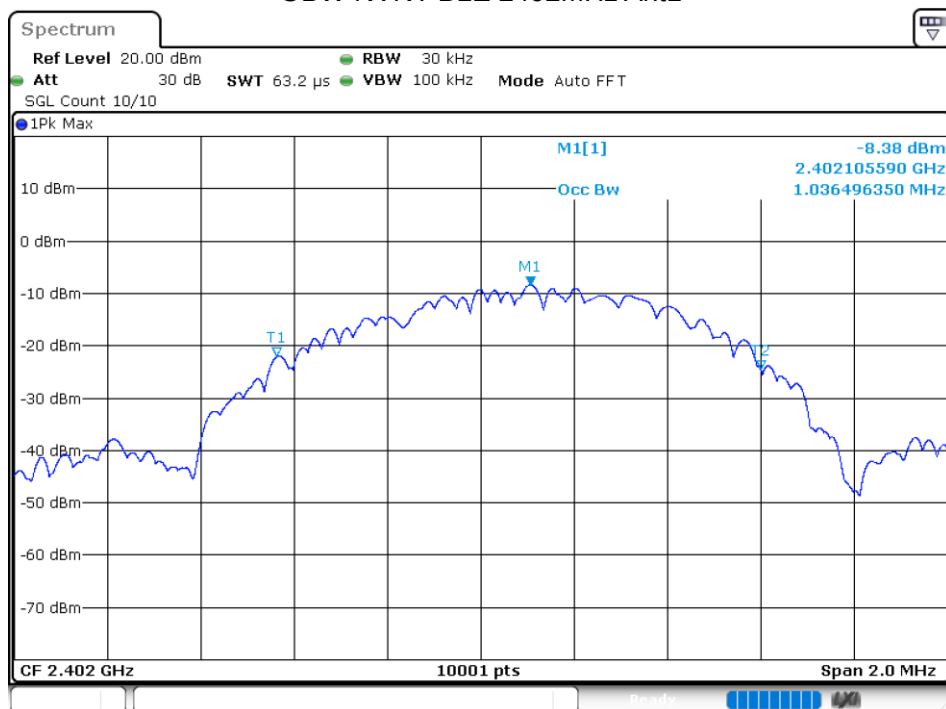
Power NVNT BLE 2480MHz Ant1



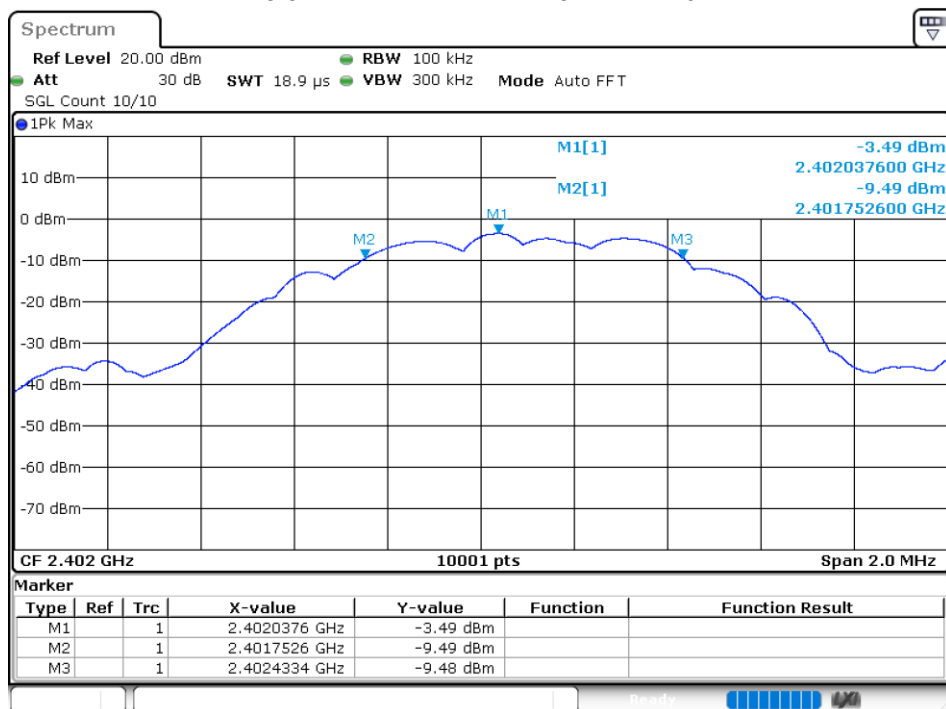
8.4.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant 1	1.0365	0.6808	≥0.5	Pass
NVNT	BLE	2440	Ant 1	1.0413	0.6080	≥0.5	Pass
NVNT	BLE	2480	Ant 1	1.0425	0.7194	≥0.5	Pass

OBW NVNT BLE 2402MHz Ant1



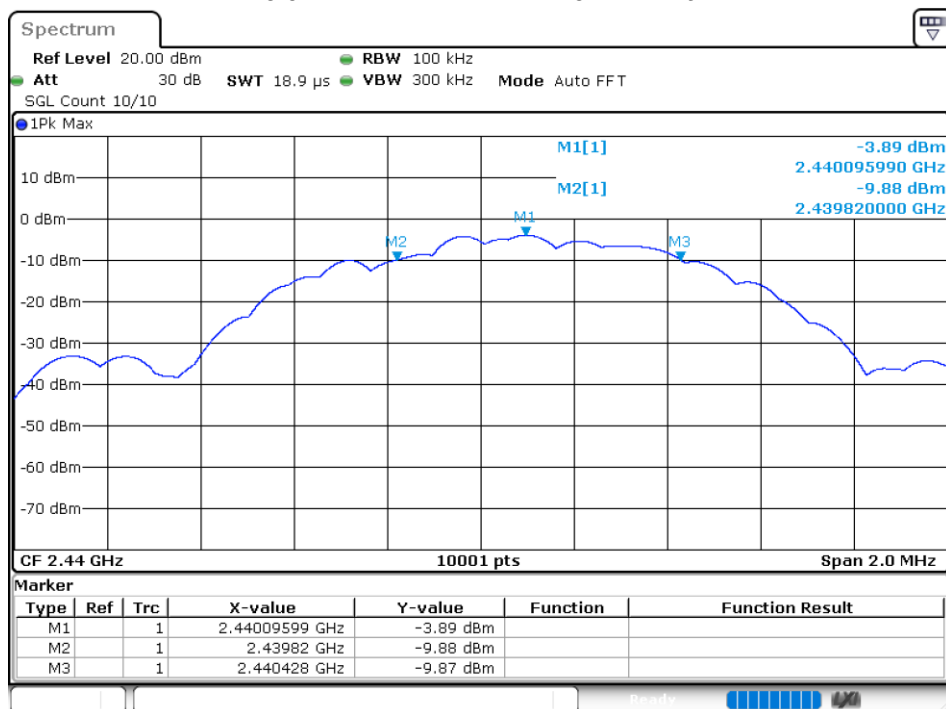
-6 dB BW NVNT BLE 2402MHz Ant1



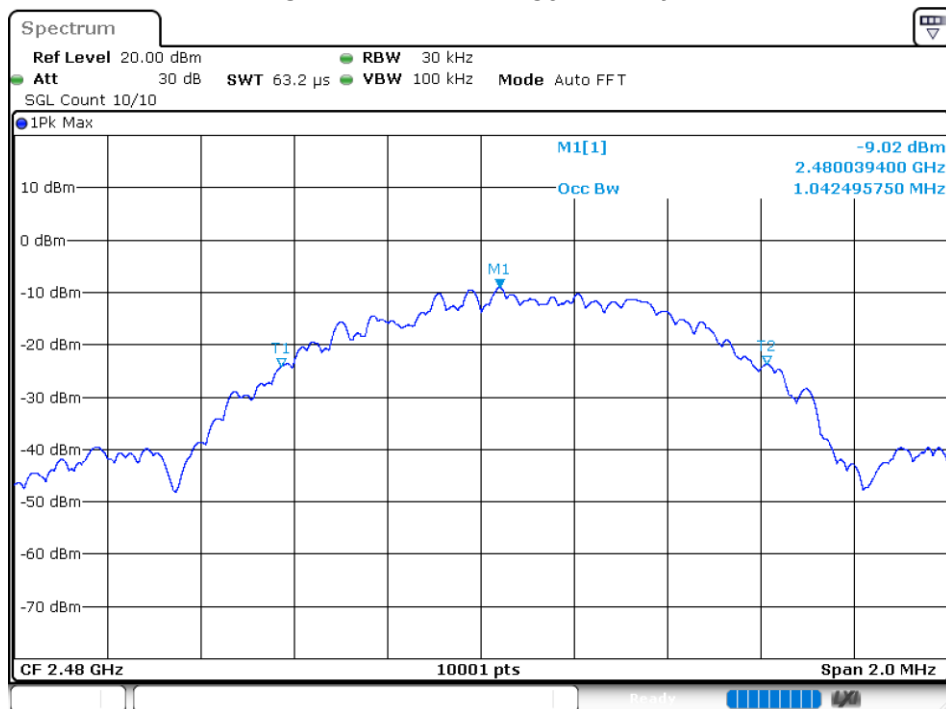
OBW NVNT BLE 2440MHz Ant1



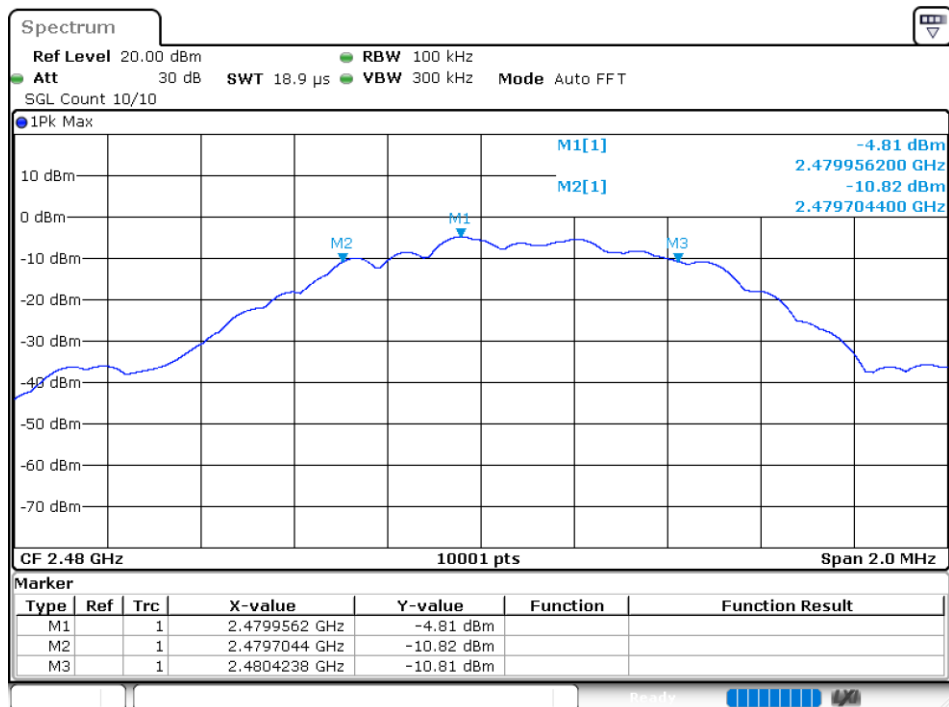
-6 dB BW NVNT BLE 2440MHz Ant1



OBW NVNT BLE 2480MHz Ant1



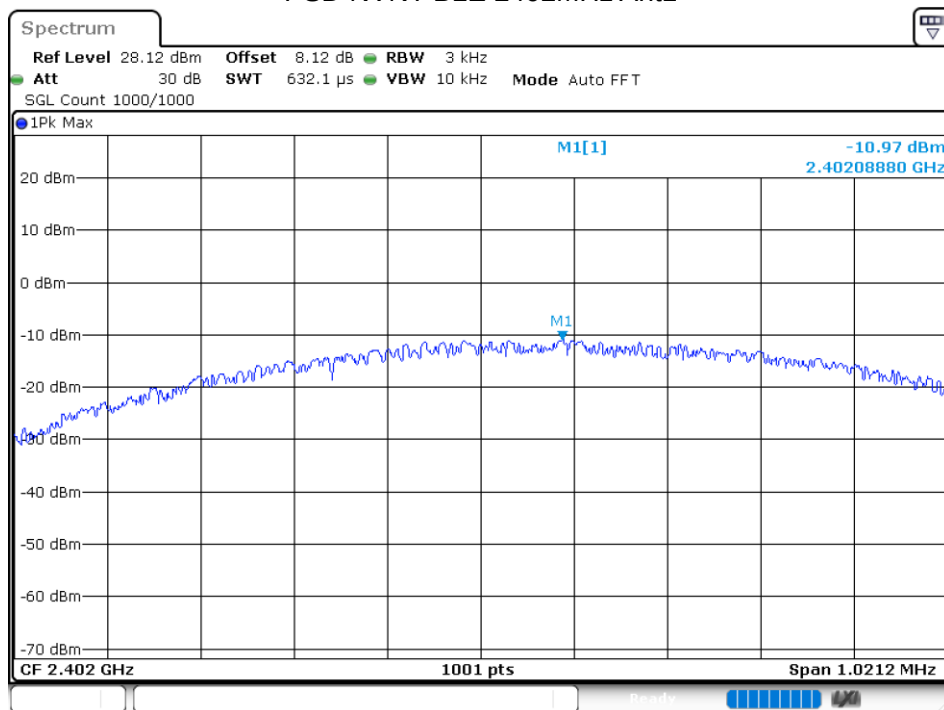
-6 dB BW NVNT BLE 2480MHz Ant1



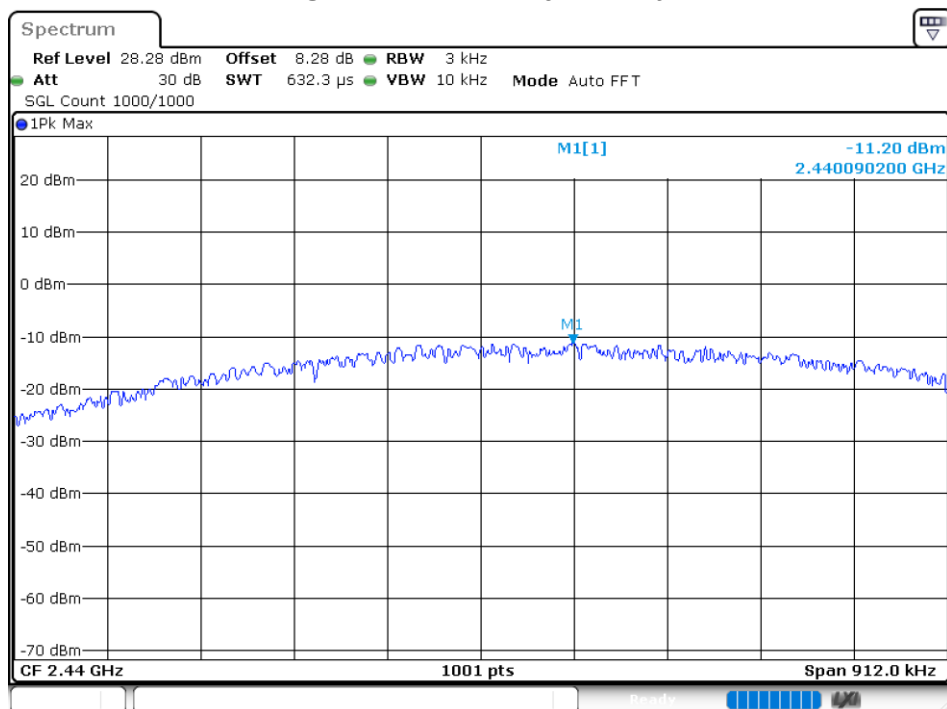
8.4.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2402	Ant 1	-10.970	8	Pass
NVNT	BLE	2440	Ant 1	-11.201	8	Pass
NVNT	BLE	2480	Ant 1	-10.939	8	Pass

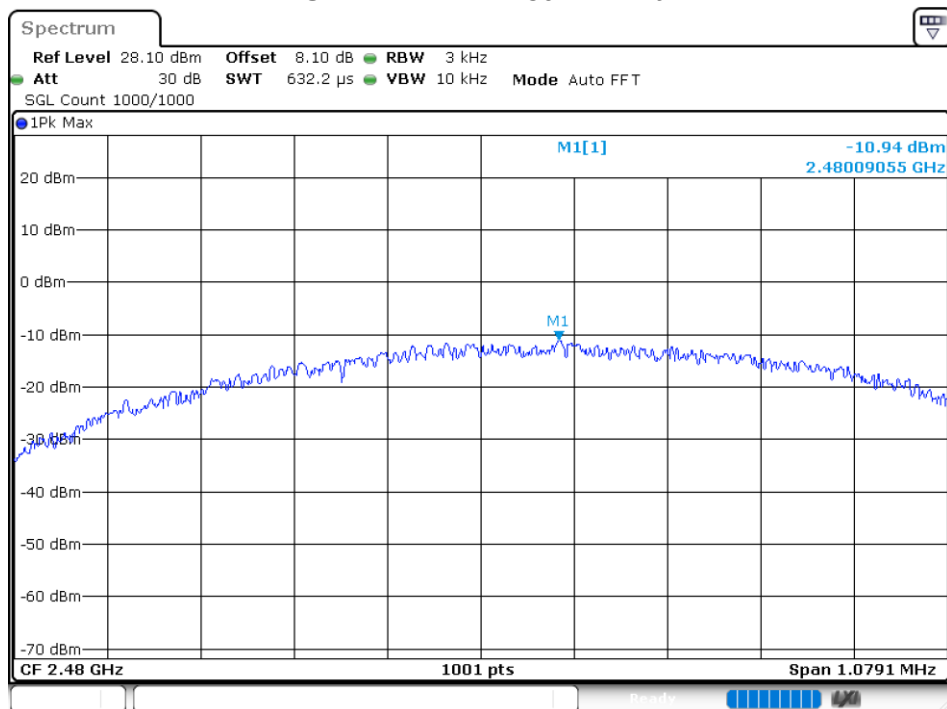
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2440MHz Ant1



PSD NVNT BLE 2480MHz Ant1



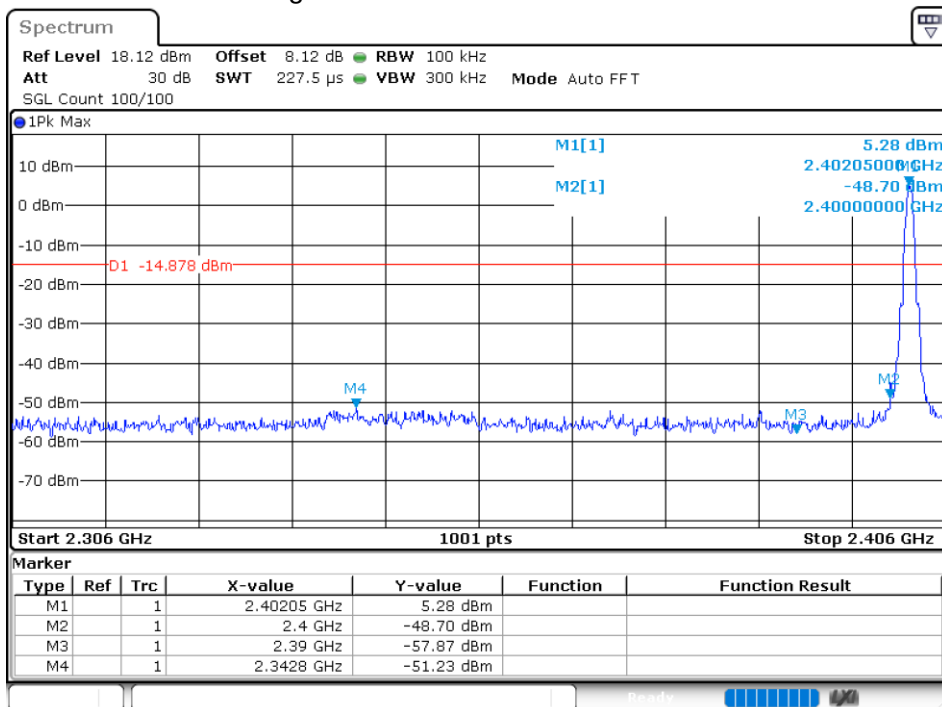
8.4.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-56.34	-20	Pass
NVNT	BLE	2480	Ant 1	-55.75	-20	Pass

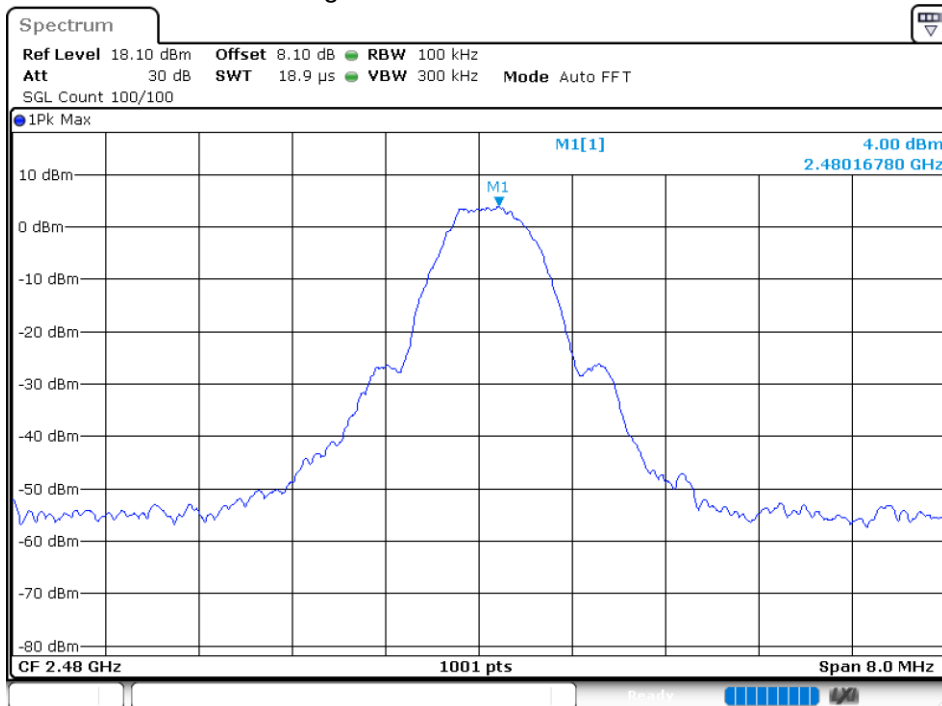
Band Edge NVNT BLE 2402MHz Ant1 Ref



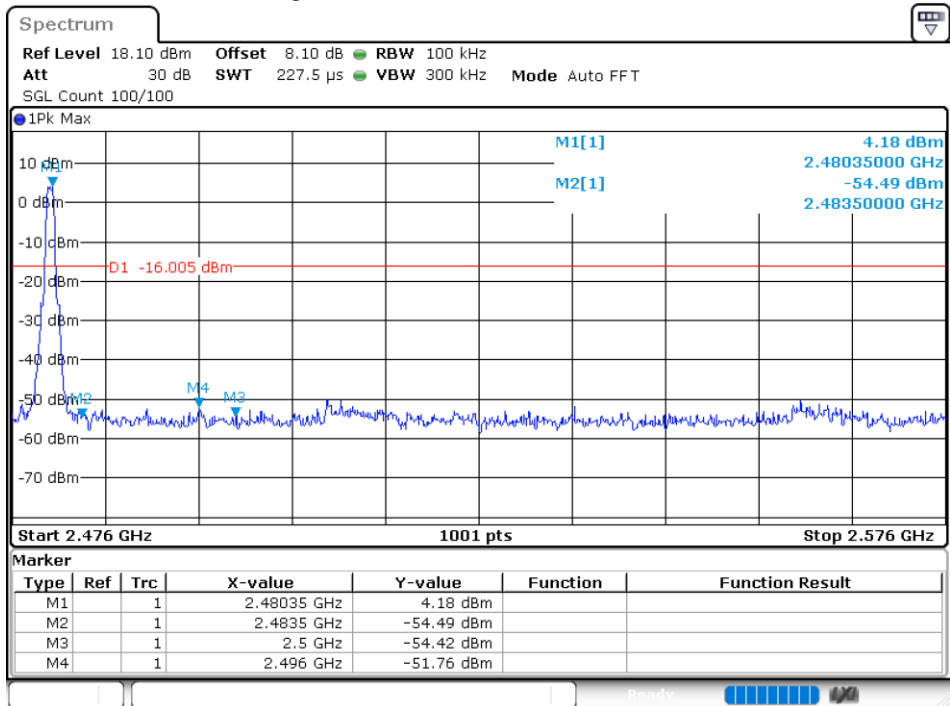
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



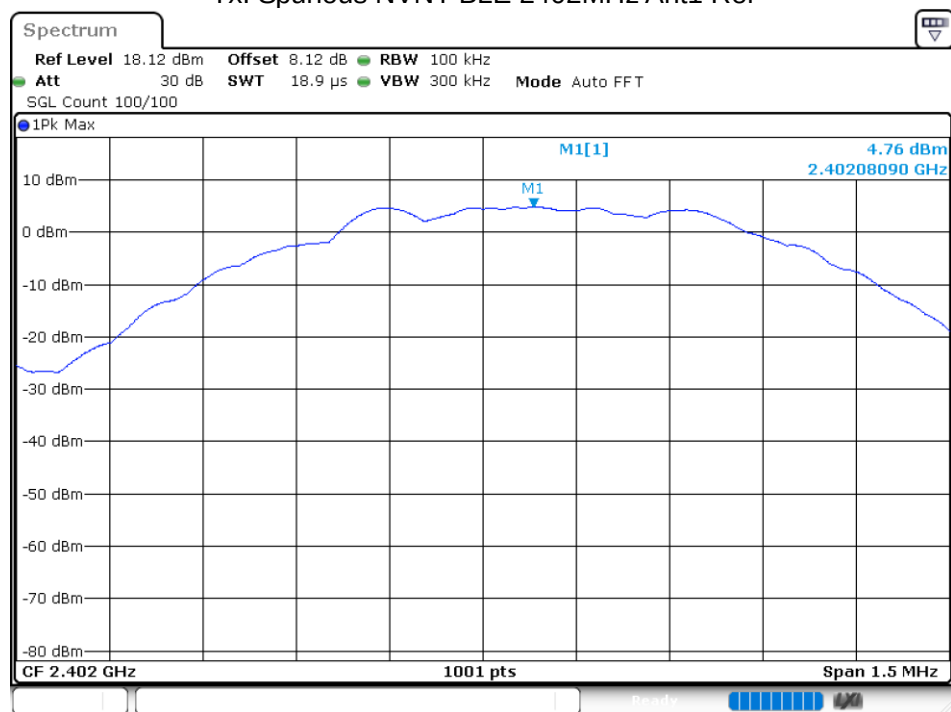
Band Edge NVNT BLE 2480MHz Ant1 Emission



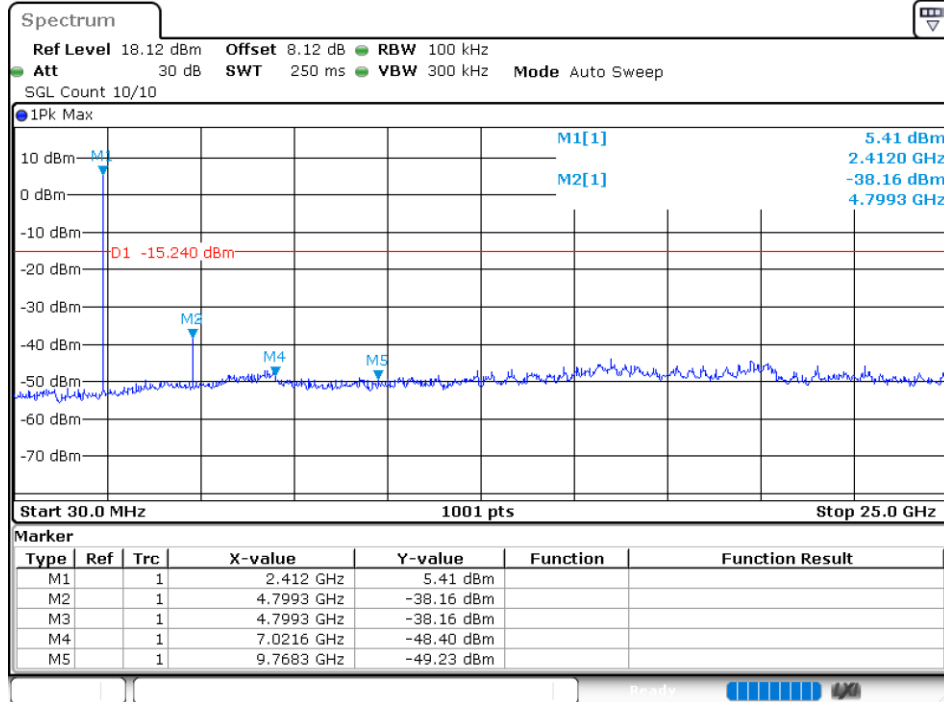
8.4.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-42.91	-20	Pass
NVNT	BLE	2440	Ant 1	-44.40	-20	Pass
NVNT	BLE	2480	Ant 1	-45.25	-20	Pass

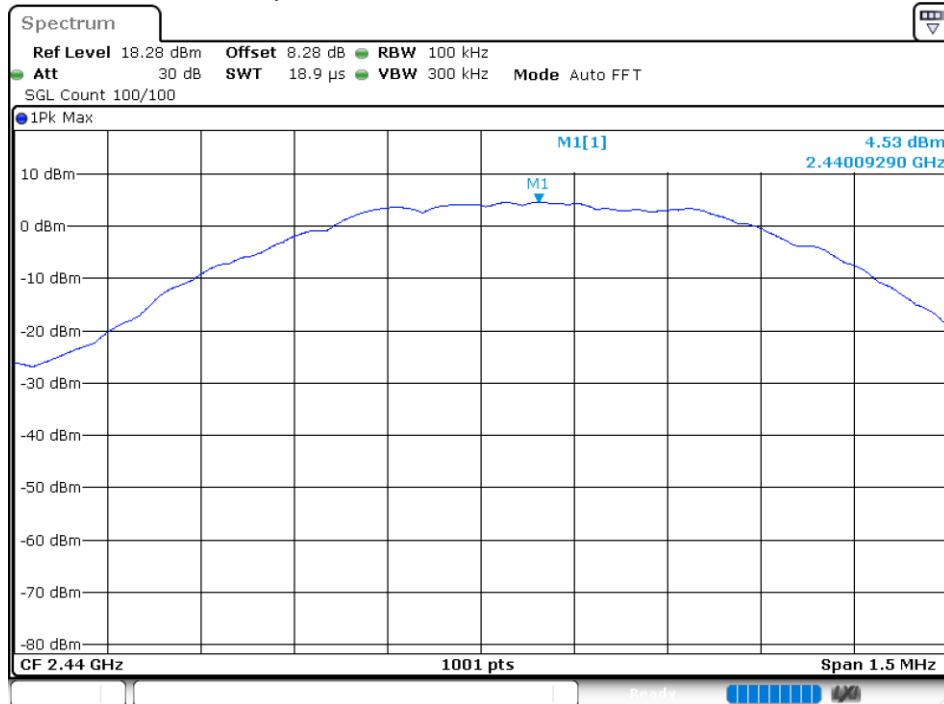
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



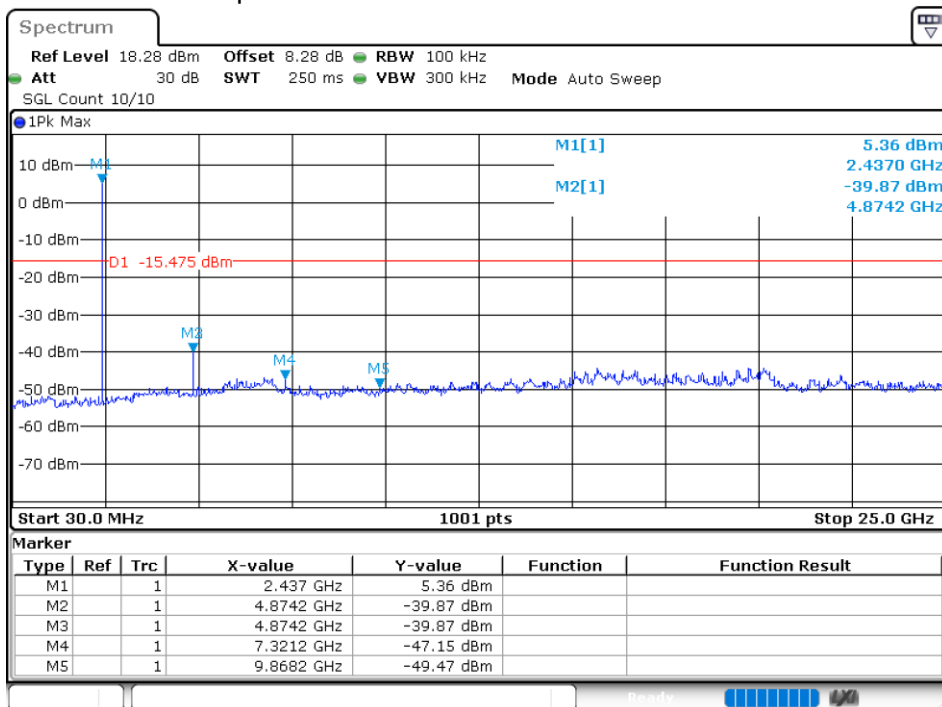
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



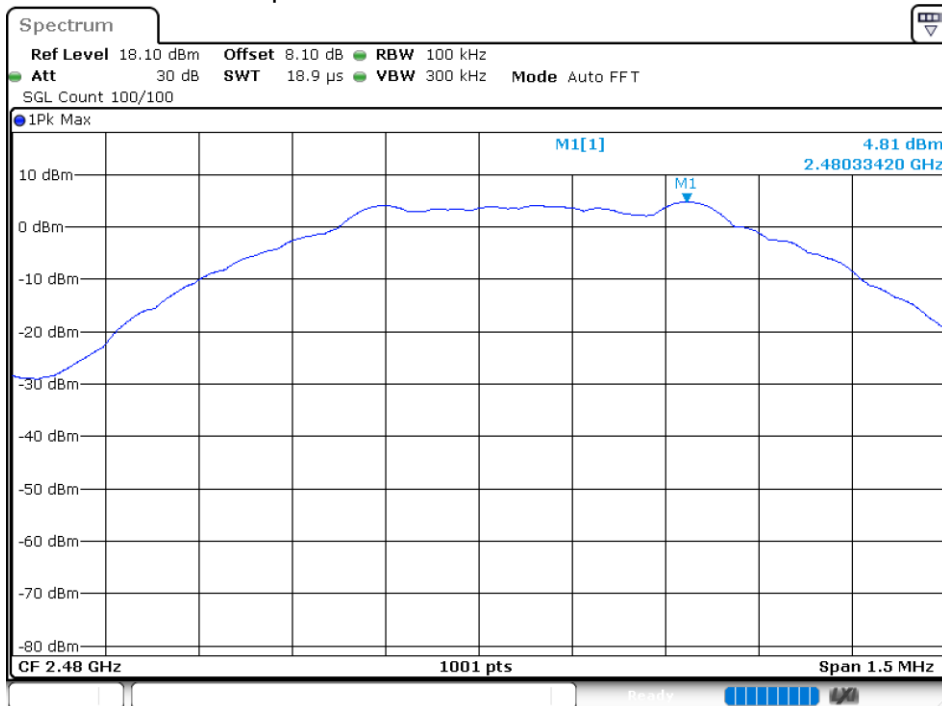
Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



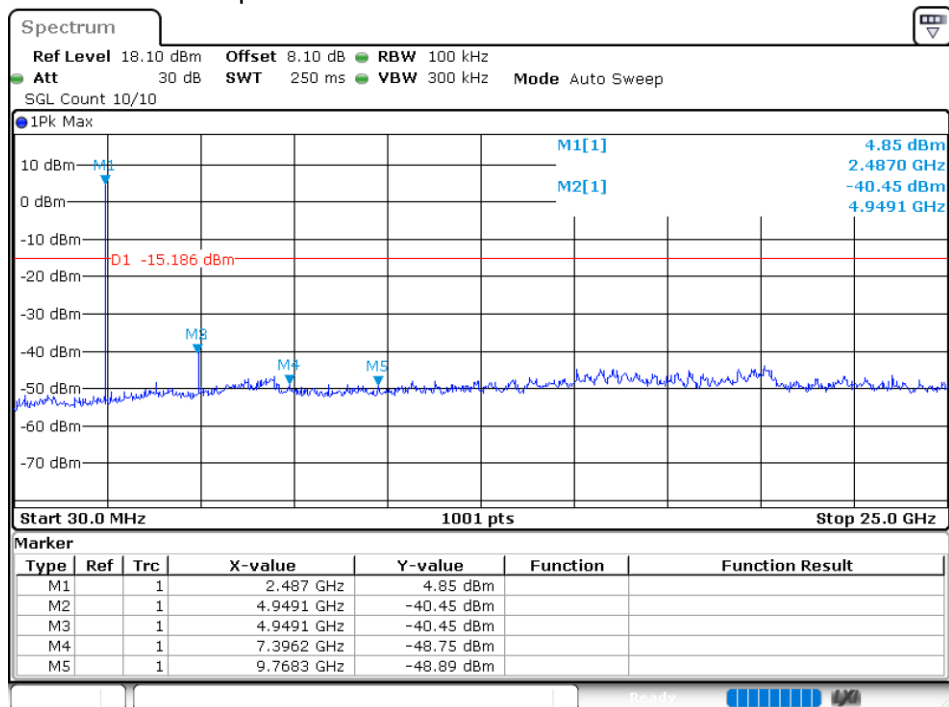
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



END OF REPORT