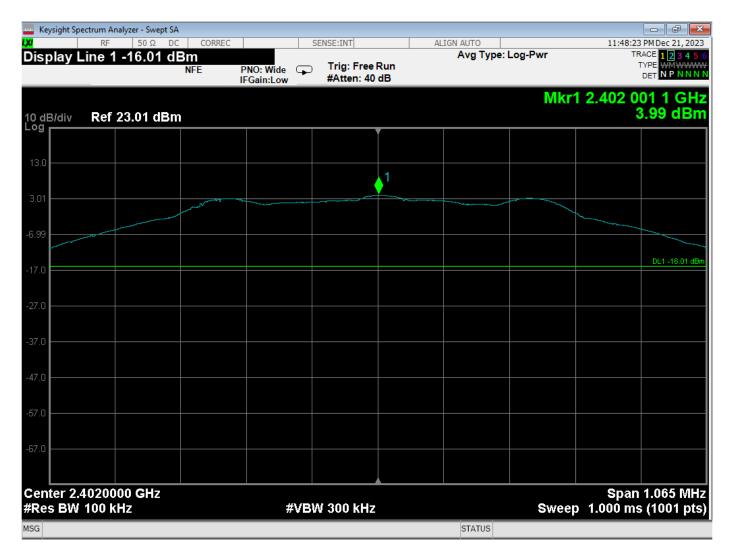
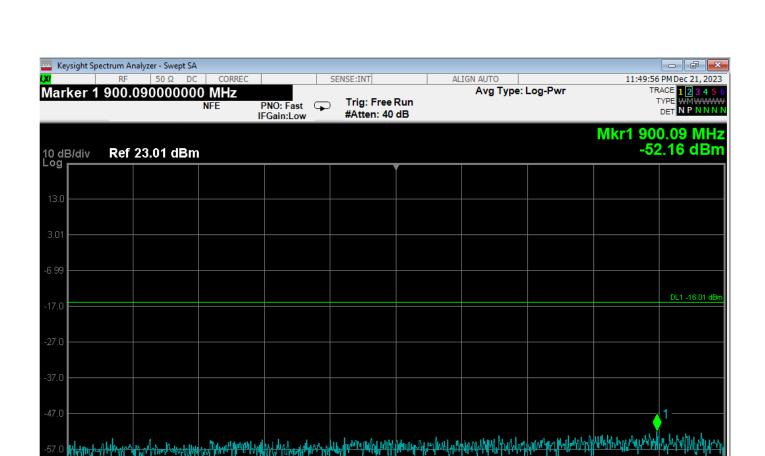
RF ANTENNA CONDUCTED DATA SHEETS



RF Antenna Conducted - Low Channel - BLE Mode - 1 Mbit - Reference Level

Stop 1.0000 GHz

Sweep 92.73 ms (1001 pts)



 $RF\ Antenna\ Conducted-Low\ Channel-BLE\ Mode-1\ Mbit-30\ MHz\ to\ 1\ GHz$

STATUS

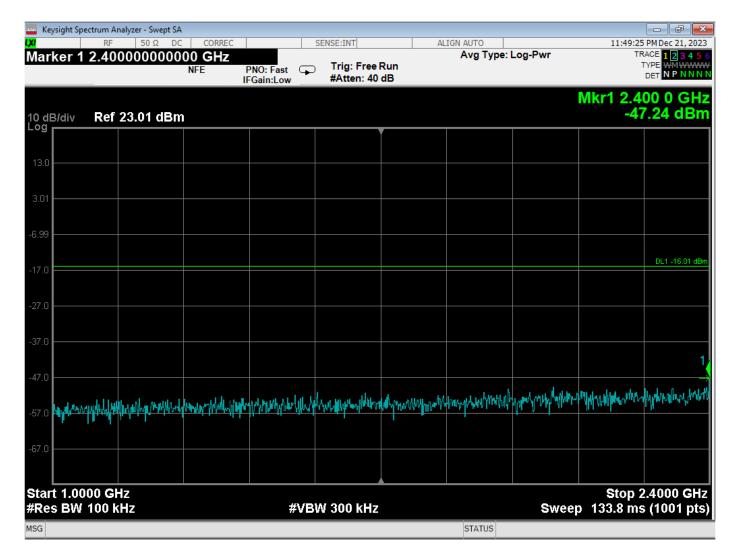
#VBW 300 kHz

Start 0.0300 GHz

#Res BW 100 kHz

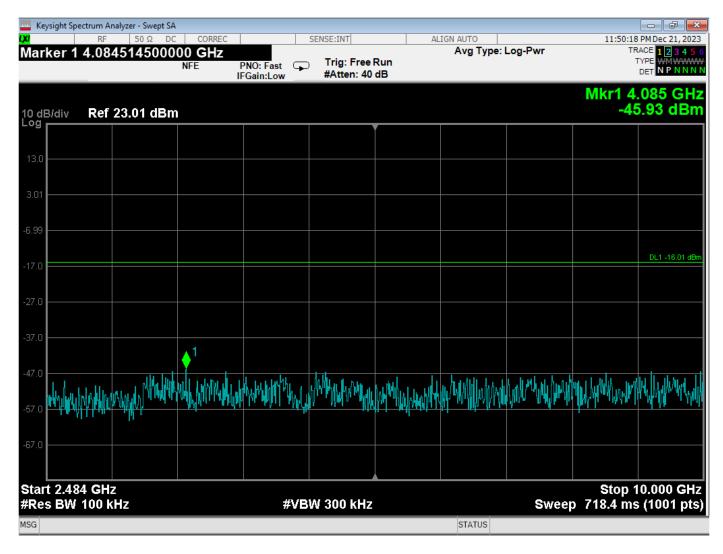
MSG





RF Antenna Conducted - Low Channel - BLE Mode - 1 Mbit - 1 GHz to 2.4 GHz

COMPATIBLE **ELECTRONICS**



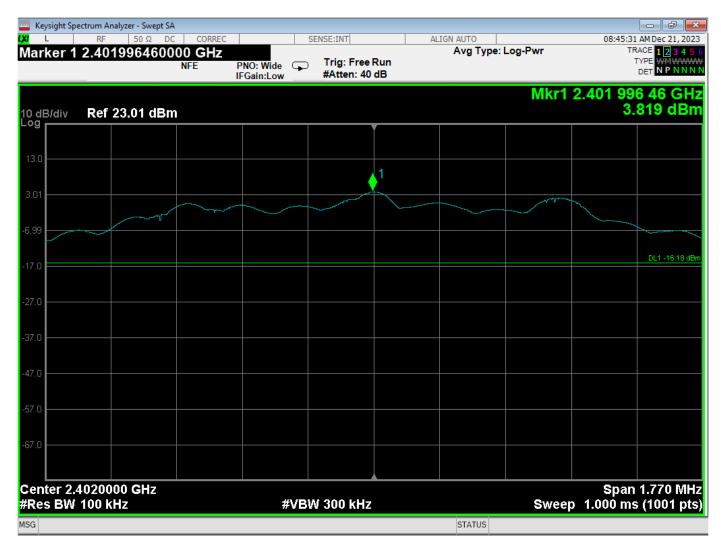
RF Antenna Conducted - Low Channel - BLE Mode - 1 Mbit - 2483.5 MHz to 10 GHz

COMPATIBLE ELECTRONICS

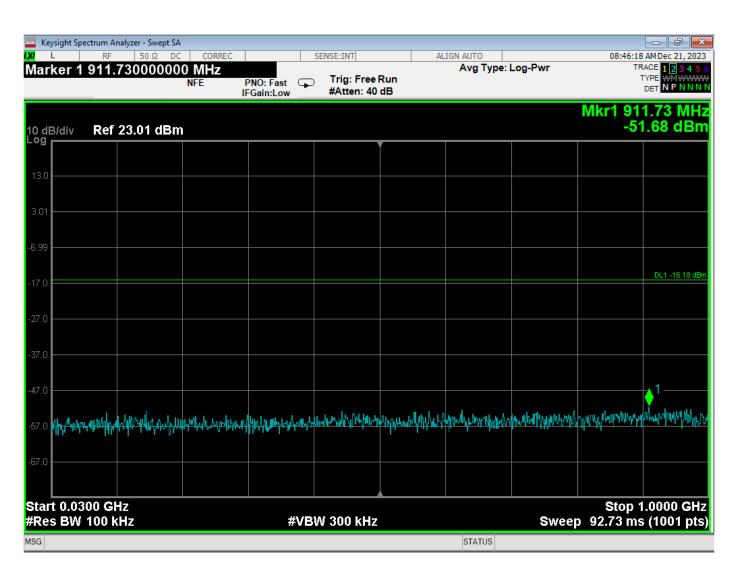
Keysight Spectrum Analyzer - Swept SA 11:50:42 PM Dec 21, 2023 SENSE:INT ALIGN AUTO TRACE 1 2 3 4 Marker 1 24.010000000000 GHz Avg Type: Log-Pwr Trig: Free Run TYPE PNO: Fast DET N P #Atten: 40 dB IFGain:Low Mkr1 24.010 GHz -40.78 dBm 10 dB/div Log Ref 23.01 dBm DL1 -16.01 dBr Start 10.000 GHz Stop 25.000 GHz #Res BW 100 kHz **#VBW 300 kHz** Sweep 1.434 s (1001 pts) MSG STATUS

RF Antenna Conducted – Low Channel – BLE Mode – 1 Mbit – 10 GHz to 25 GHz

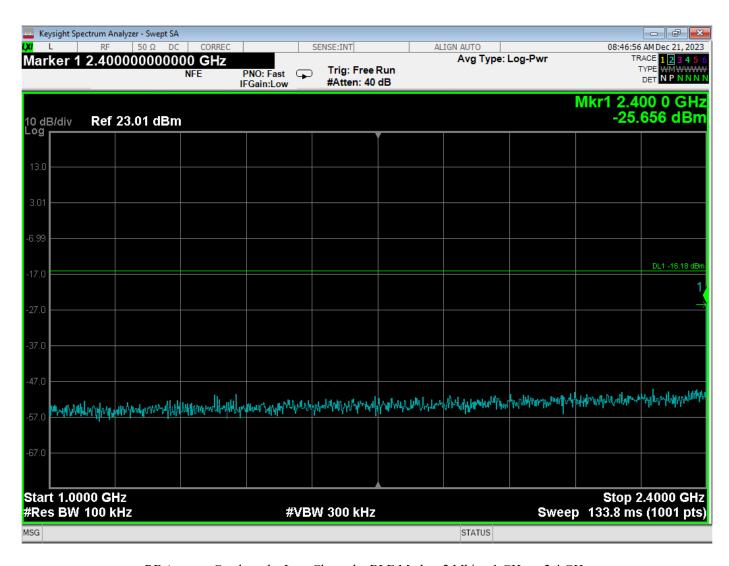




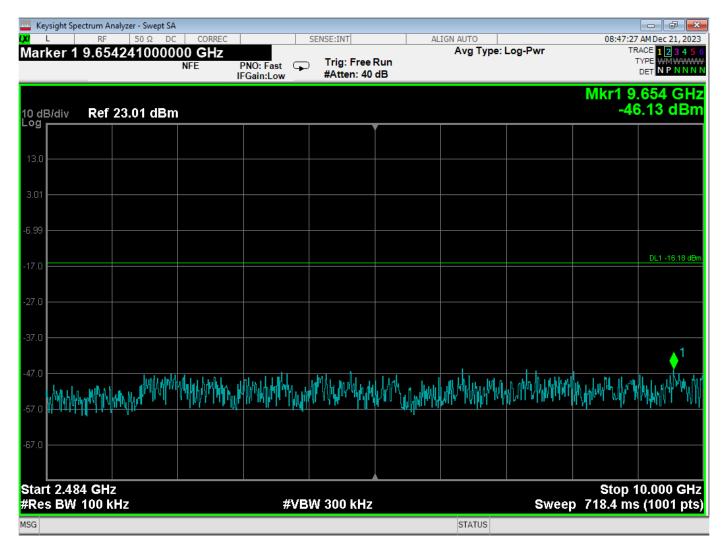
RF Antenna Conducted - Low Channel - BLE Mode - 2 Mbit - Reference Level



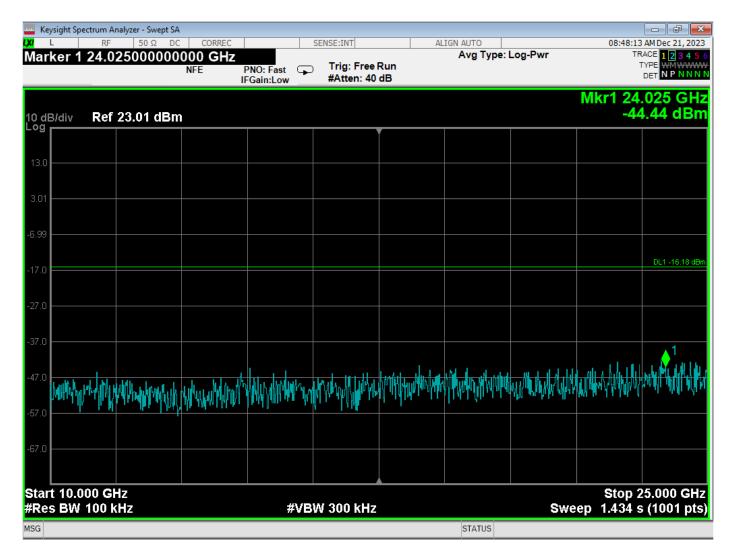
RF Antenna Conducted – Low Channel – BLE Mode – 2 Mbit – 30 MHz to 1 GHz



 $RF\ Antenna\ Conducted-Low\ Channel-BLE\ Mode-2\ Mbit-1\ GHz\ to\ 2.4\ GHz$

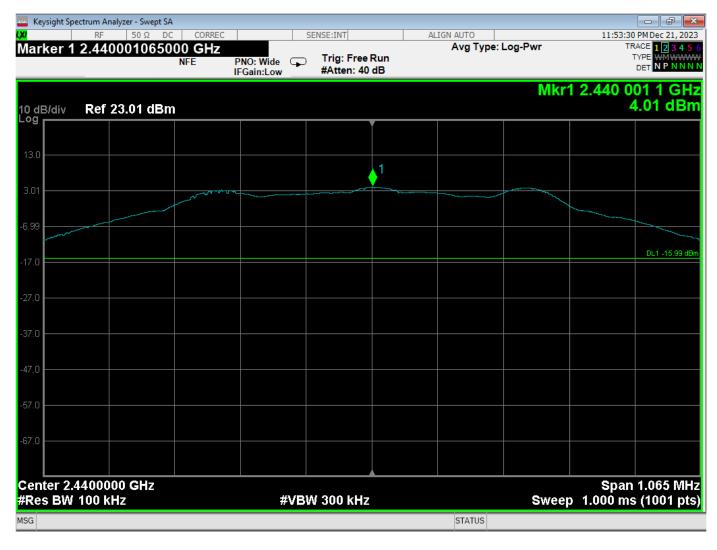


RF Antenna Conducted – Low Channel – BLE Mode – 2 Mbit – 2483.5 MHz to 10 GHz



RF Antenna Conducted – Low Channel – BLE Mode – 2 Mbit – 10 GHz to 25 GHz





RF Antenna Conducted - Middle Channel - BLE Mode - 1 Mbit - Reference Level

Stop 2.400 GHz

Sweep 226.5 ms (1001 pts)



RF Antenna Conducted – Middle Channel – BLE Mode – 1 Mbit – 30 MHz to 2.4 GHz

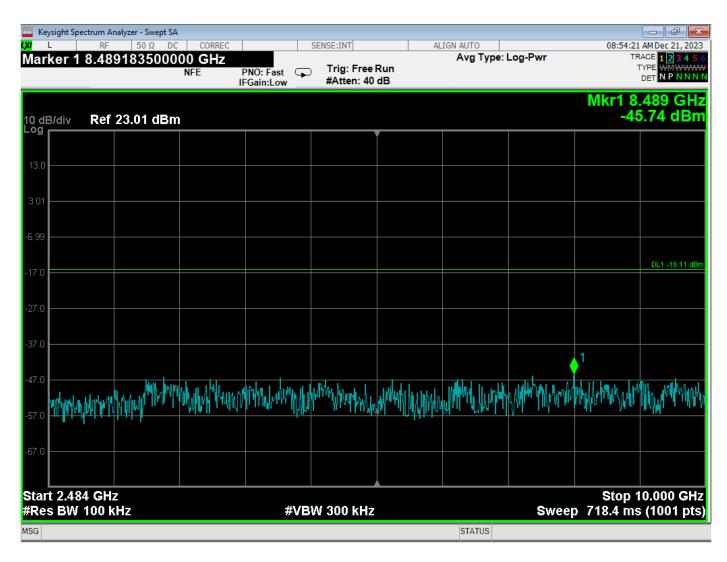
STATUS

#VBW 300 kHz

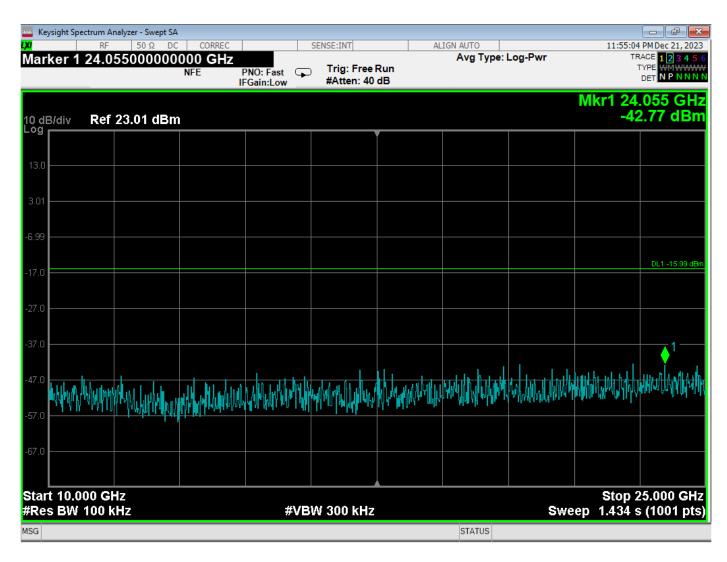
Start 0.030 GHz

MSG

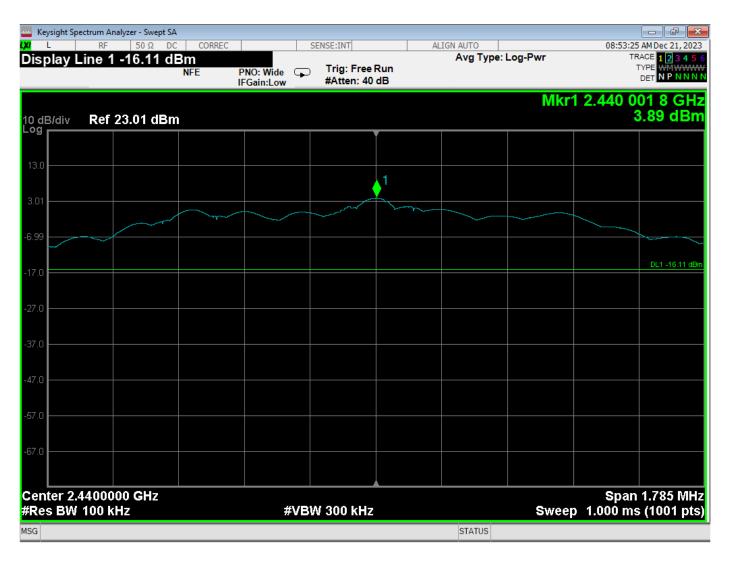
#Res BW 100 kHz



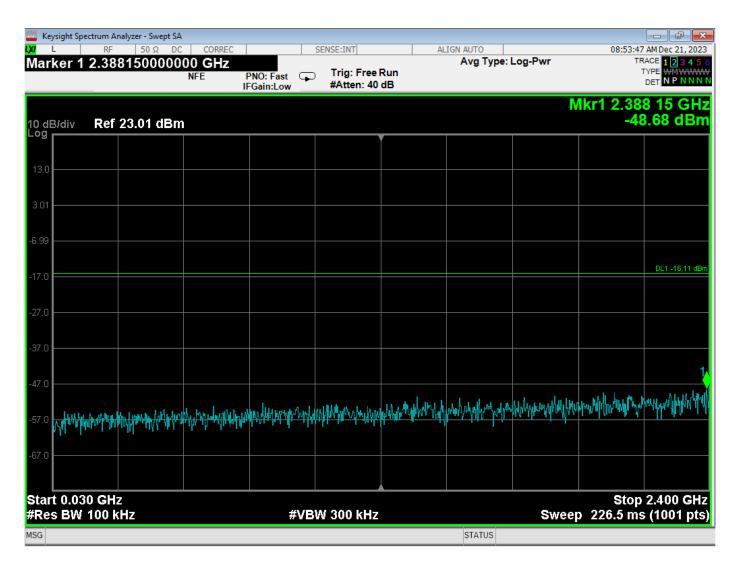
RF Antenna Conducted – Middle Channel – BLE Mode – 1 Mbit – 2485.3 MHz to 10 GHz



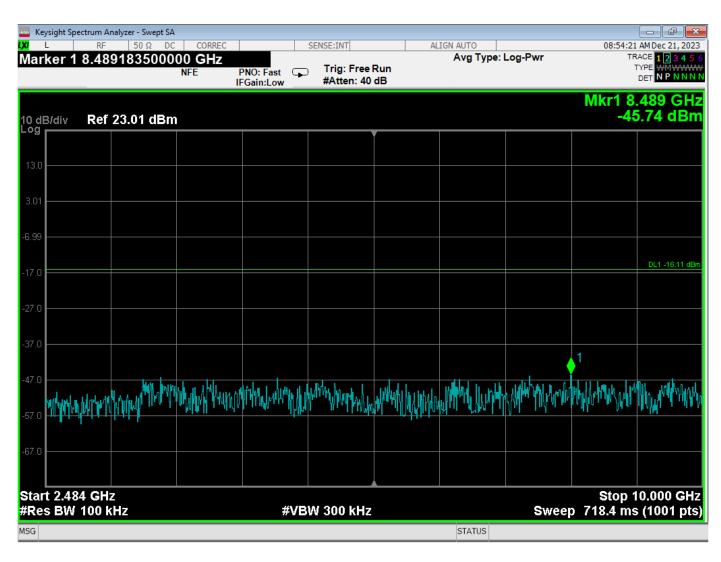
RF Antenna Conducted – Middle Channel – BLE Mode – 1 Mbit – 10 GHz to 25 GHz



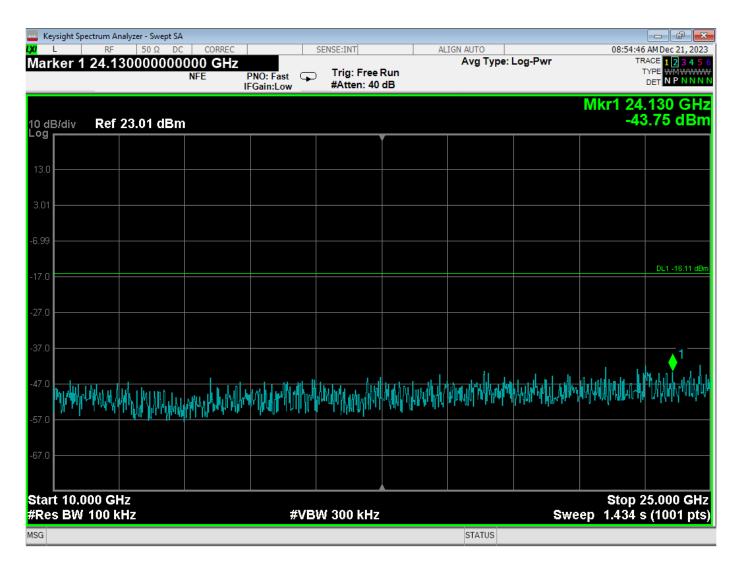
RF Antenna Conducted - Middle Channel - BLE Mode - 2 Mbit - Reference Level



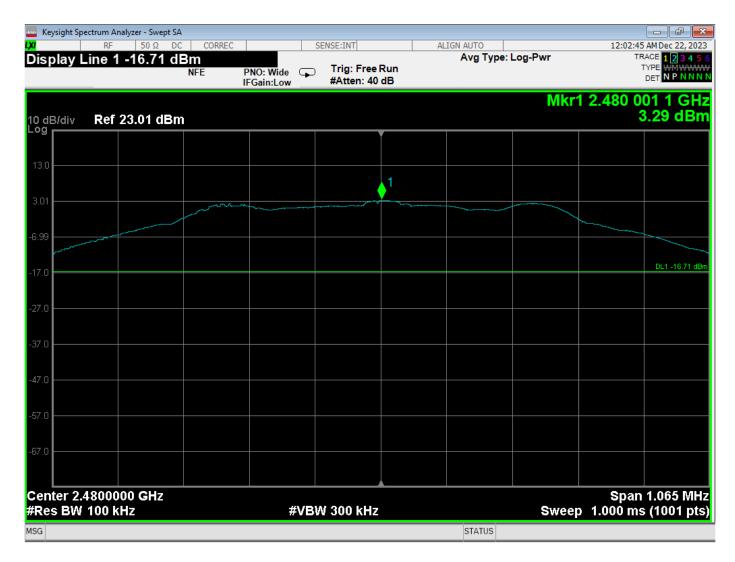
RF Antenna Conducted – Middle Channel – BLE Mode – 2 Mbit – 30 MHz to 2.4 GHz



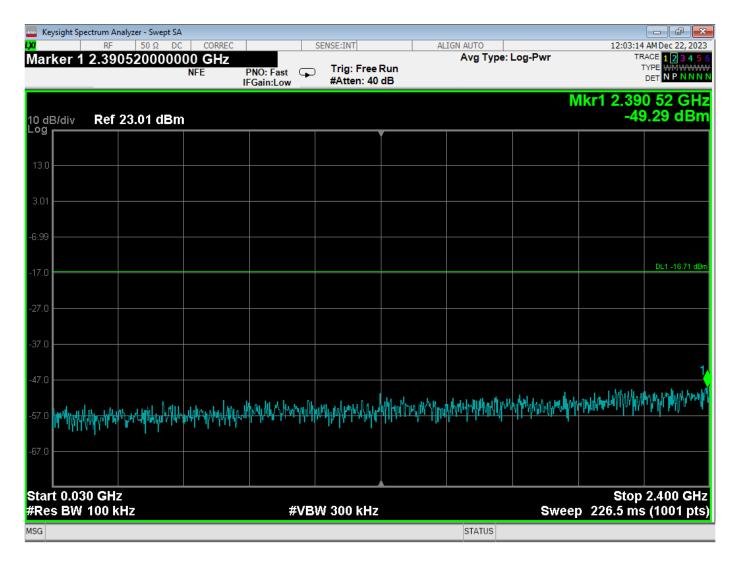
RF Antenna Conducted – Middle Channel – BLE Mode – 2 Mbit – 2483.5 MHz to 10 GHz



RF Antenna Conducted – Middle Channel – BLE Mode – 2 Mbit – 10 GHz to 25 GHz

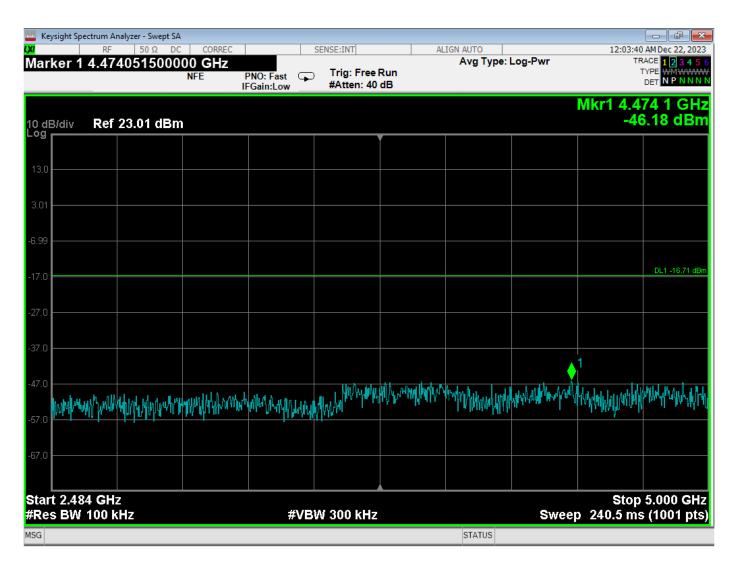


RF Antenna Conducted – High Channel – BLE Mode – 1 Mbit – Reference Level

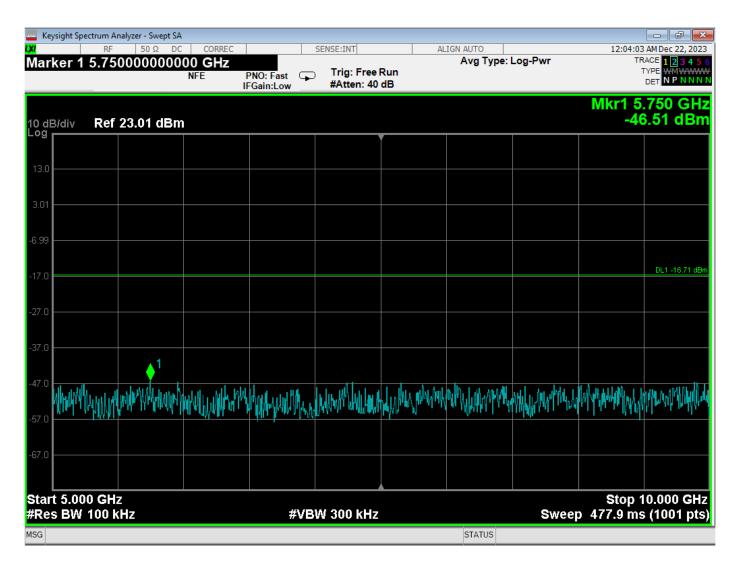


RF Antenna Conducted – High Channel – BLE Mode – 1 Mbit – 30 MHz to 2.4 GHz

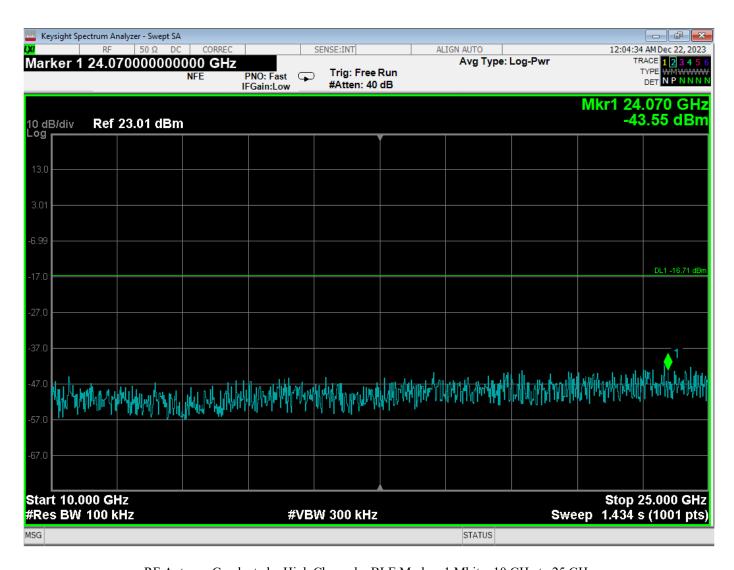
Model: TSTATCCEWF-01



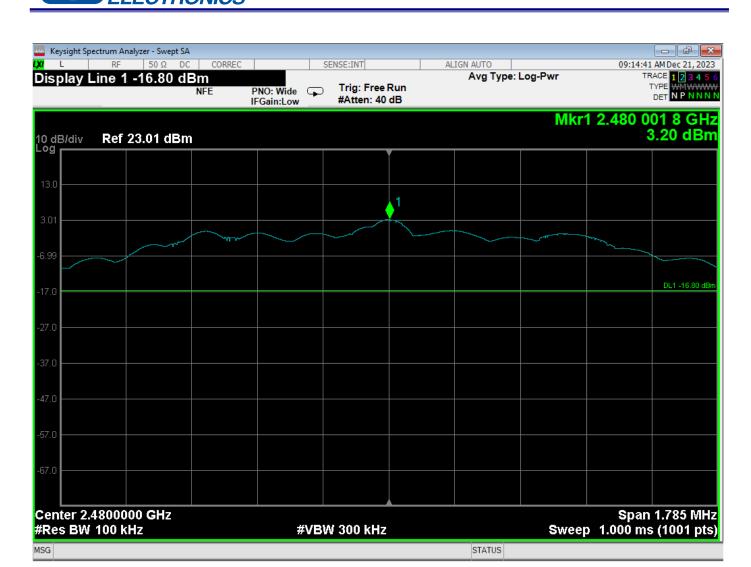
RF Antenna Conducted – High Channel – BLE Mode – 1 Mbit – 2483.5 MHz to 5 GHz



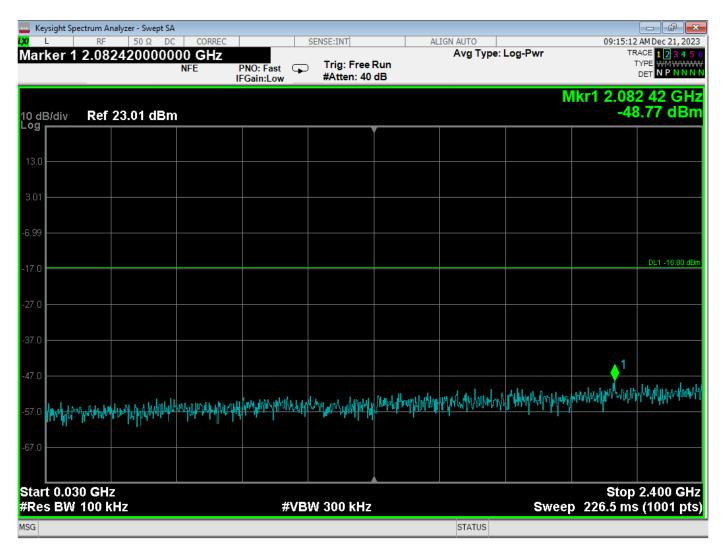
RF Antenna Conducted – High Channel – BLE Mode – 1 Mbit – 5 GHz to 10 GHz



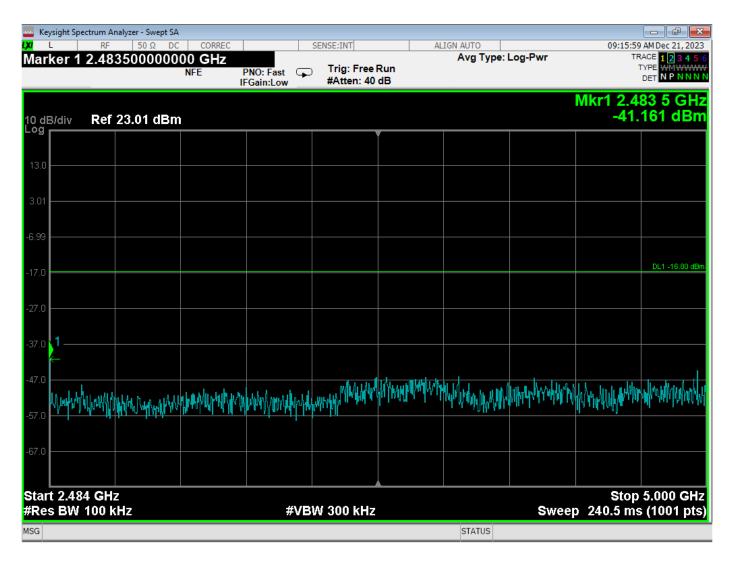
 $RF\ Antenna\ Conducted-High\ Channel-BLE\ Mode-1\ Mbit-10\ GHz\ to\ 25\ GHz$



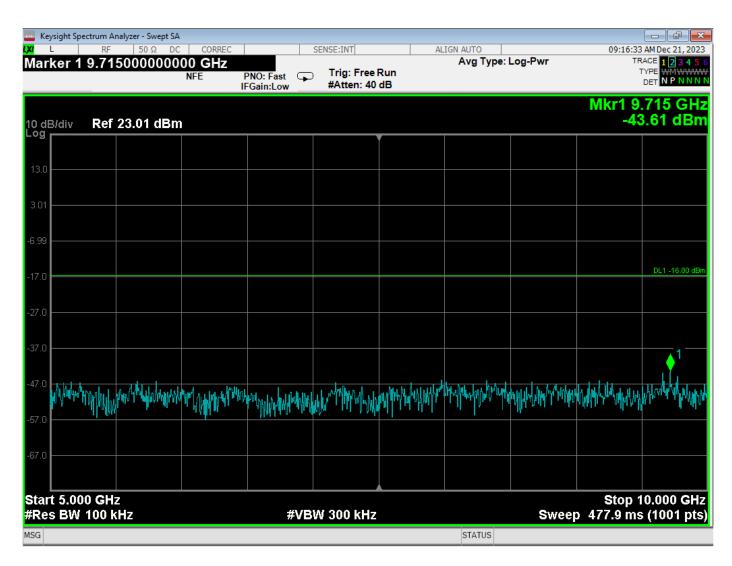
RF Antenna Conducted – High Channel – BLE Mode – 2 Mbit – Reference Level



RF Antenna Conducted – High Channel – BLE Mode – 2 Mbit – 30 MHz to 2.4 GHz



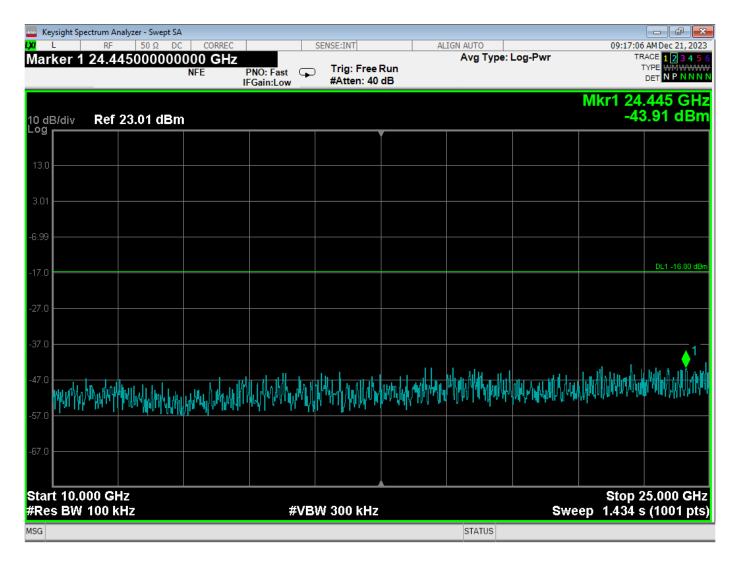
RF Antenna Conducted – High Channel – BLE Mode – 2 Mbit – 2483.5 MHz to 5 GHz



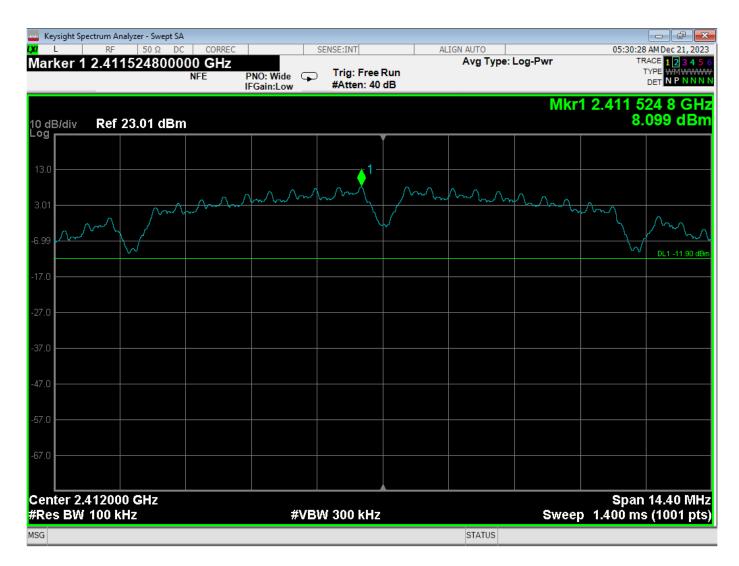
RF Antenna Conducted – High Channel – BLE Mode – 2 Mbit – 5 GHz to 10 GHz

Report Number: B31222D1 FCC Part 15 Subpart B and C; FCC Section 15.247; and RSS-247 and RSS-GEN Test Report Carrier Entry Level and ICP Thermostat 2024

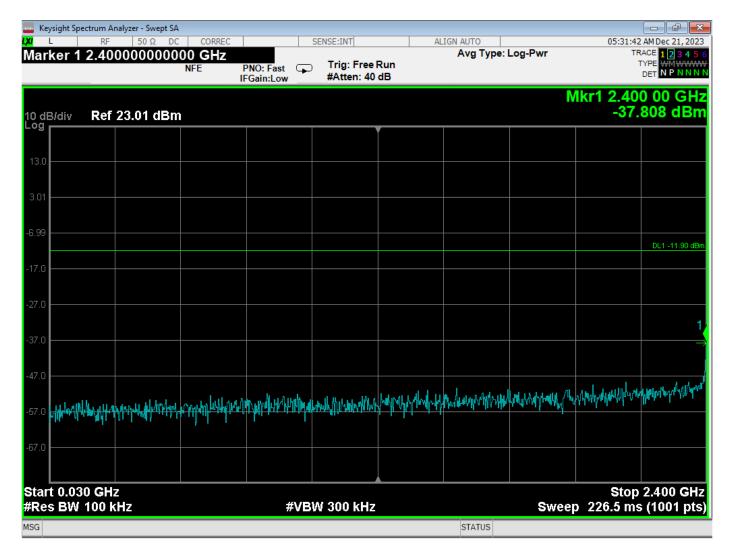
COMPATIBLE ELECTRONICS Model: TSTATCCEWF-01



RF Antenna Conducted – High Channel – BLE Mode – 2 Mbit – 10 GHz to 25 GHz

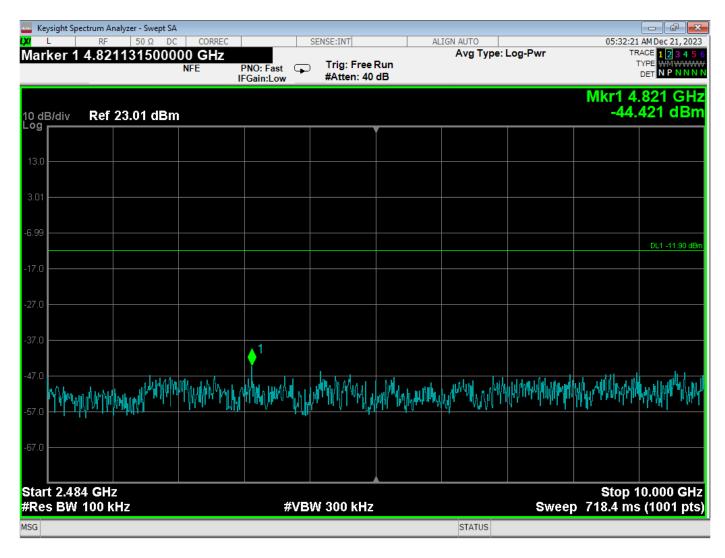


RF Antenna Conducted – Low Channel – 802.11b – Reference Level

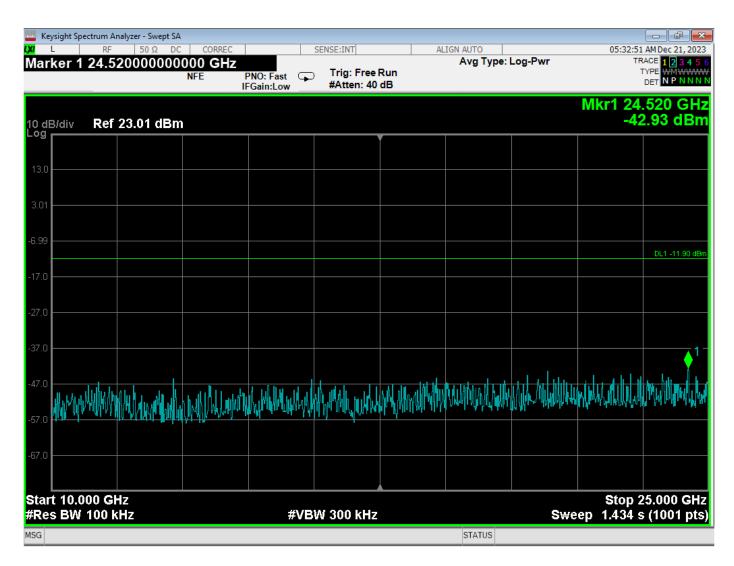


RF Antenna Conducted – Low Channel – 802.11b – 30 MHz to 2.4 GHz

COMPATIBLE ELECTRONICS

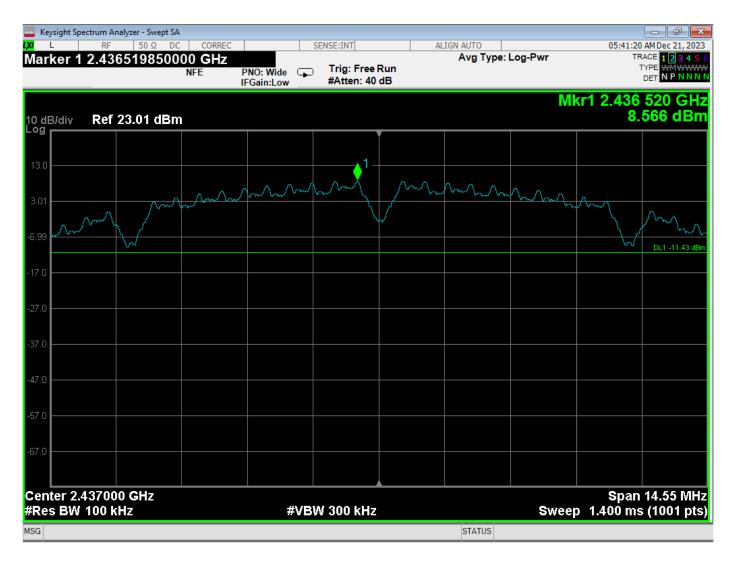


RF Antenna Conducted – Low Channel – 802.11b – 2483.5 MHz to 10 GHz

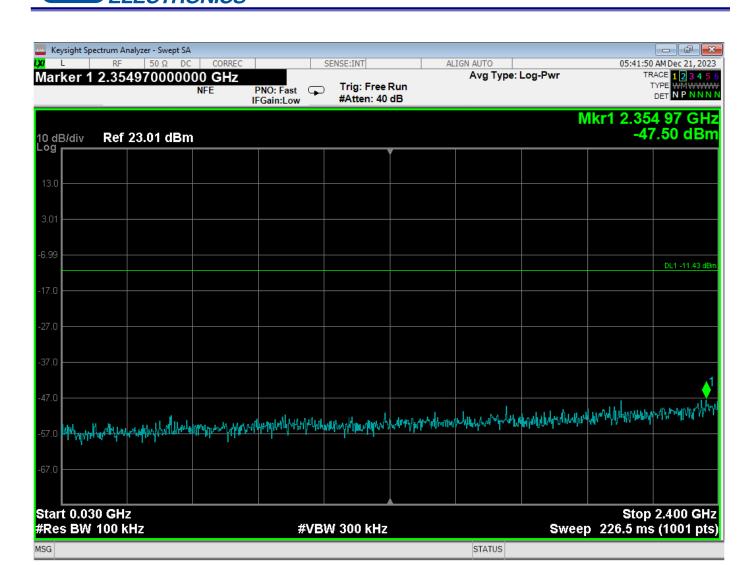


RF Antenna Conducted - Low Channel - 802.11b - 10 GHz to 25 GHz

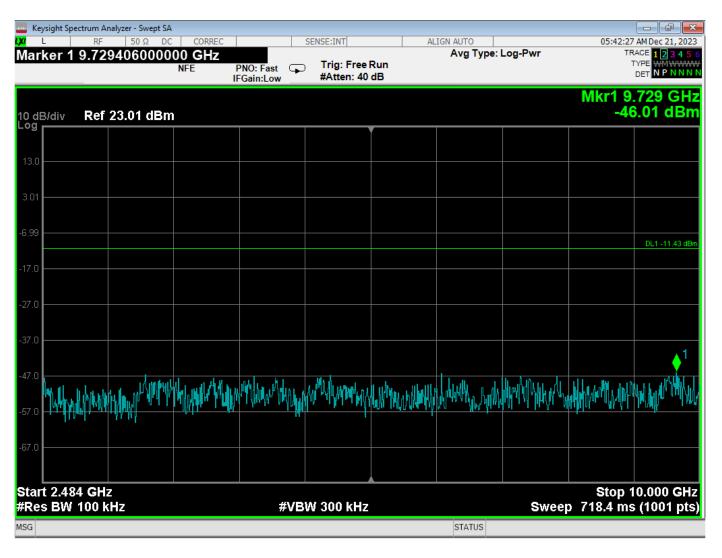
Report Number: B31222D1



RF Antenna Conducted – Middle Channel – 802.11b – Reference Level

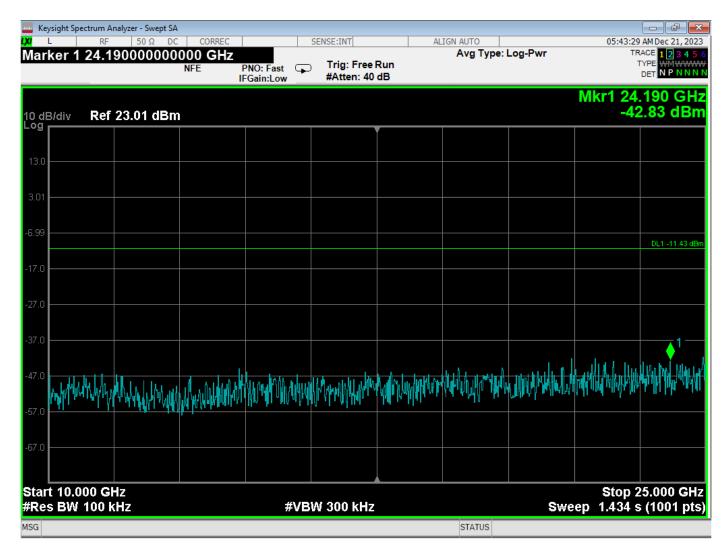


RF Antenna Conducted – Middle Channel – 802.11b – 30 MHz to 2.4 GHz



RF Antenna Conducted – Middle Channel – 802.11b – 2483.5 MHz to 10 GHz

COMPATIBLE ELECTRONICS

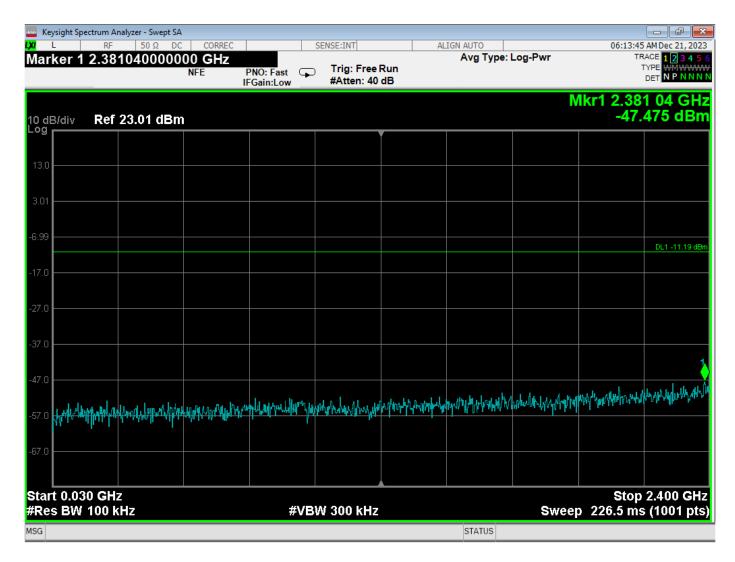


RF Antenna Conducted – Middle Channel – 802.11b – 10 GHz to 25 GHz

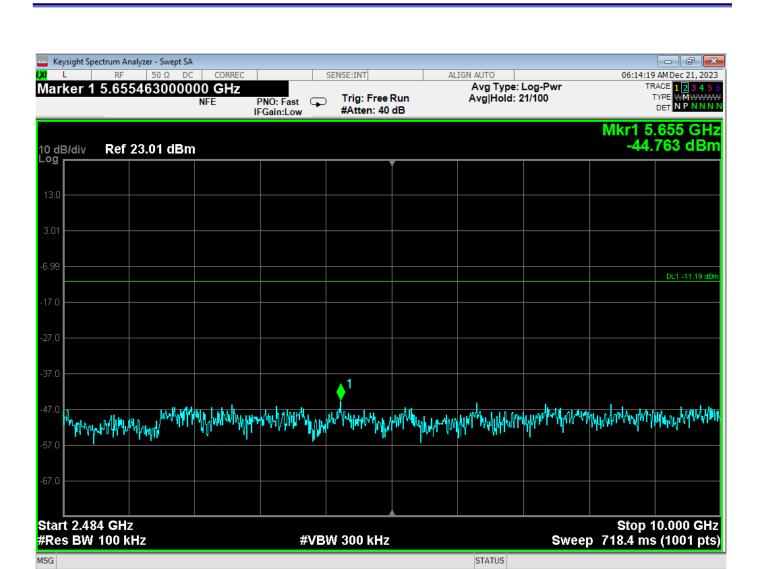


RF Antenna Conducted – High Channel – 802.11b – Reference Level



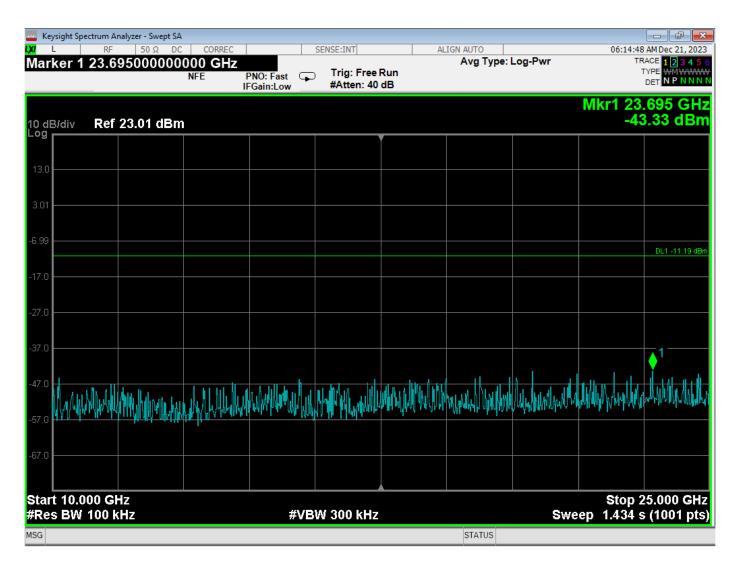


RF Antenna Conducted – High Channel – 802.11b – 30 MHz to 2.4 GHz



RF Antenna Conducted - High Channel - 802.11b - 2483.5 MHz to 10 GHz

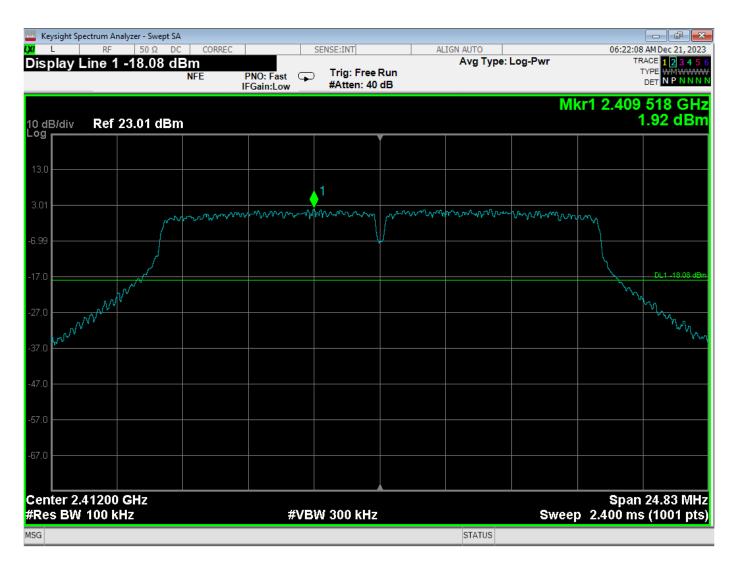
Model: TSTATCCEWF-01



COMPATIBLE

RF Antenna Conducted – High Channel – 802.11b – 10 GHz to 25 GHz

Model: TSTATCCEWF-01

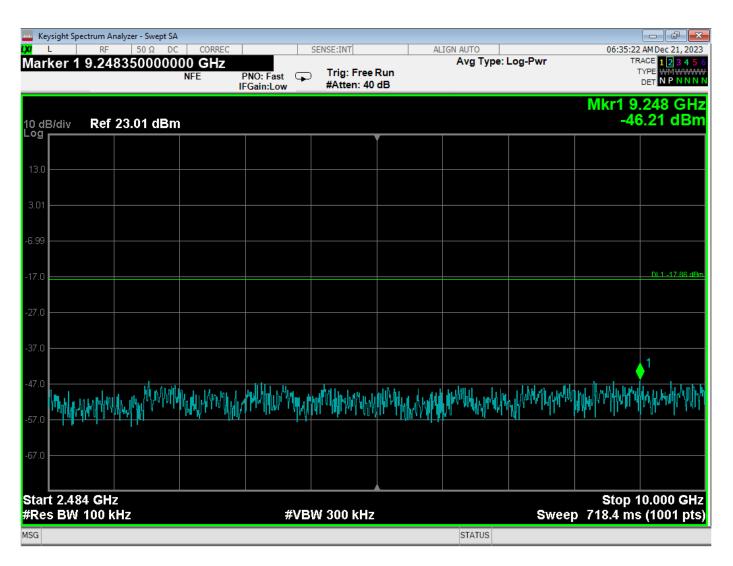


RF Antenna Conducted – Low Channel – 802.11g – Reference Level

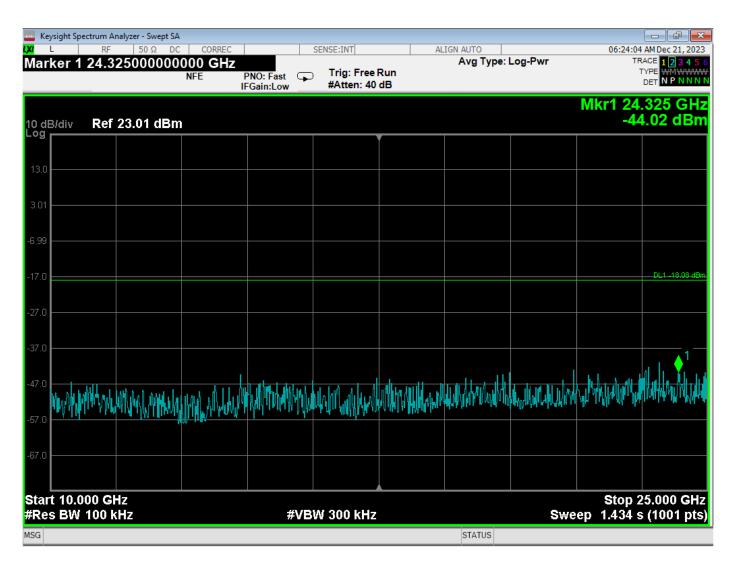
COMPATIBLE
ELECTRONICS



RF Antenna Conducted – Low Channel – 802.11g – 30 MHz to 2.4 GHz



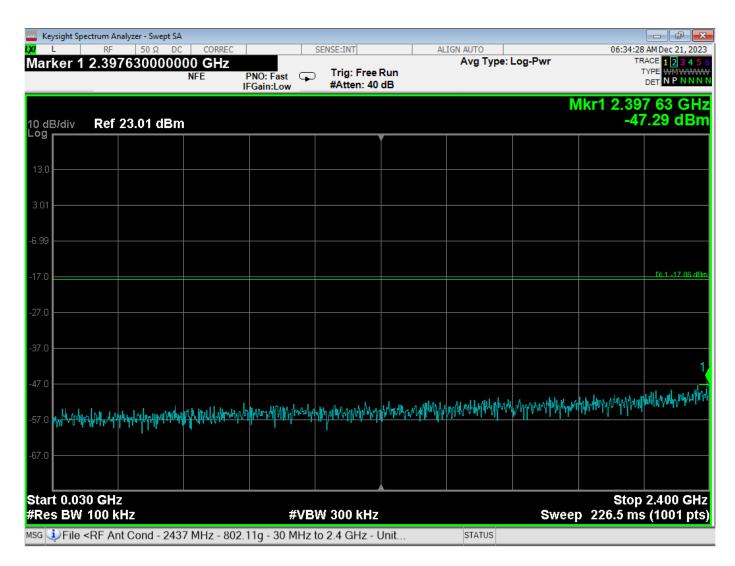
 $RF\ Antenna\ Conducted - Low\ Channel - 802.11g - 2483.5\ MHz\ to\ 10\ GHz$



RF Antenna Conducted - Low Channel - 802.11g - 10 GHz to 25 GHz

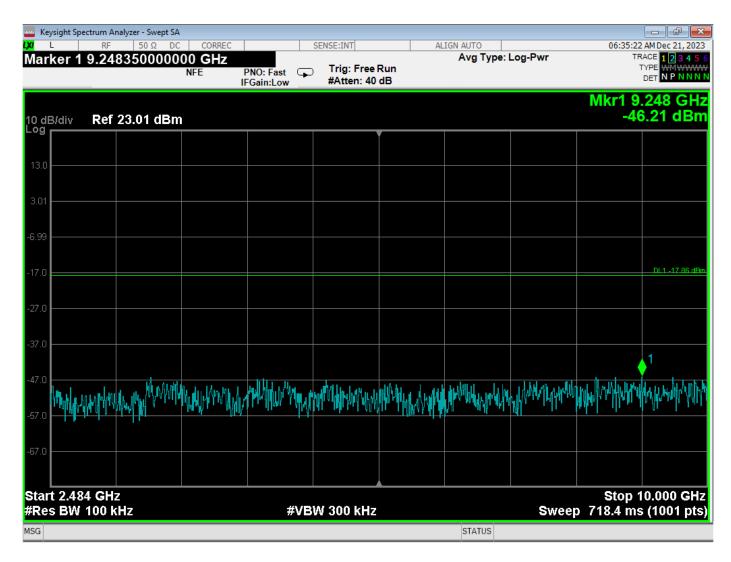


RF Antenna Conducted – Middle Channel – 802.11g – Reference Level

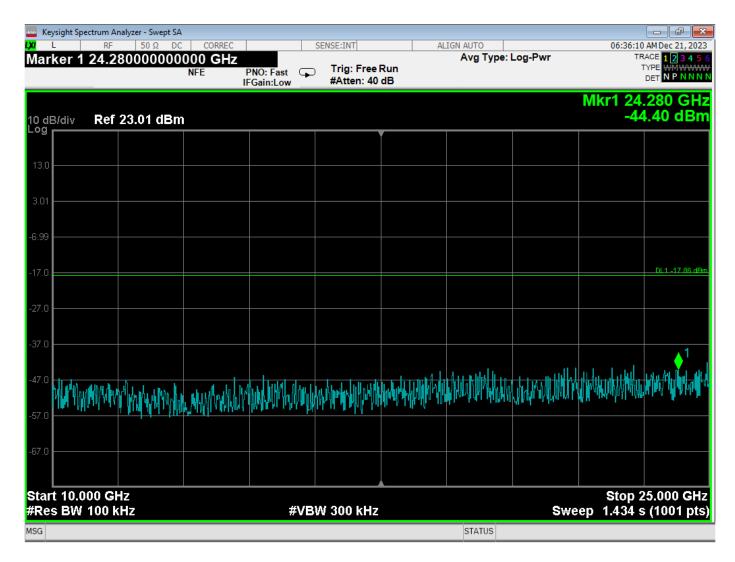


RF Antenna Conducted – Middle Channel – 802.11g – 30 MHz to 2.4 GHz





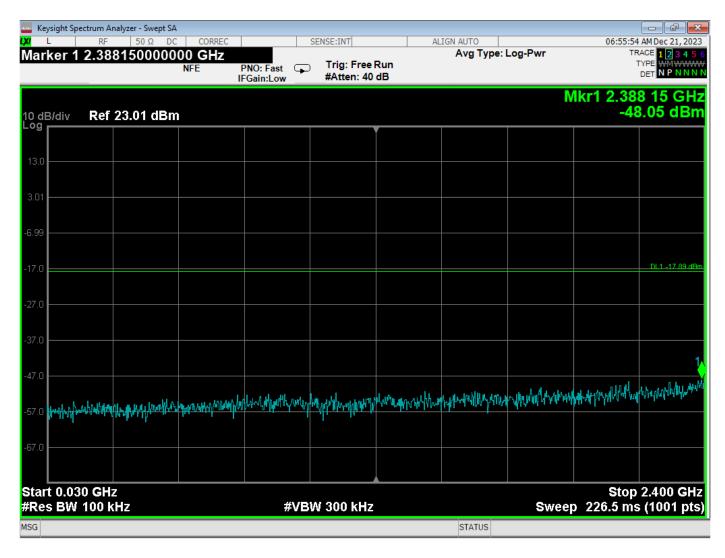
RF Antenna Conducted – Middle Channel – 802.11g – 2483.5 MHz to 10 GHz



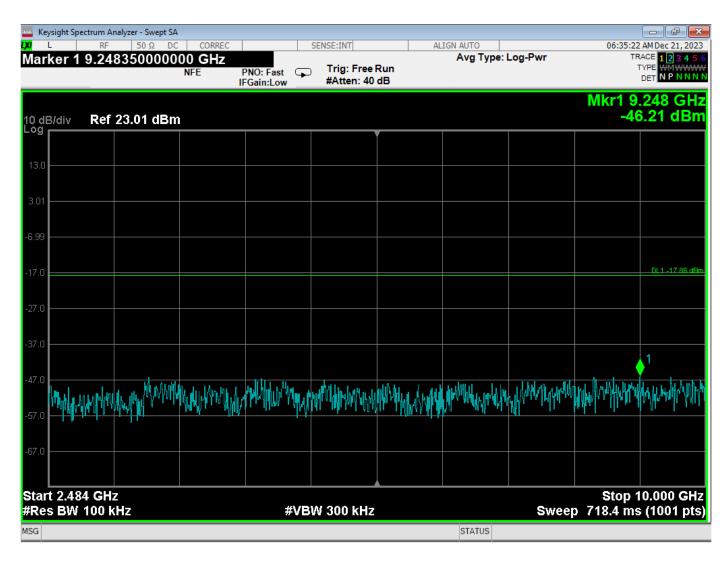
RF Antenna Conducted – Middle Channel – 802.11g – 10 GHz to 25 GHz



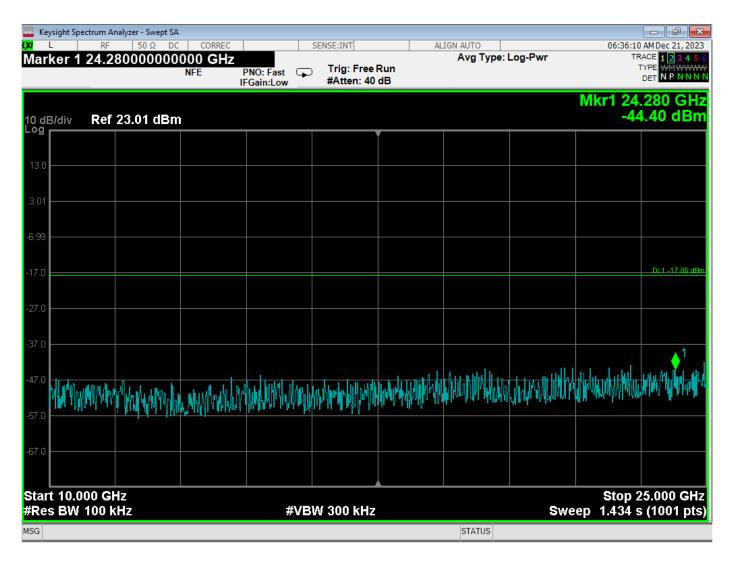
RF Antenna Conducted – High Channel – 802.11g – Reference Level



RF Antenna Conducted – High Channel – 802.11g – 30 MHz to 2.4 GHz

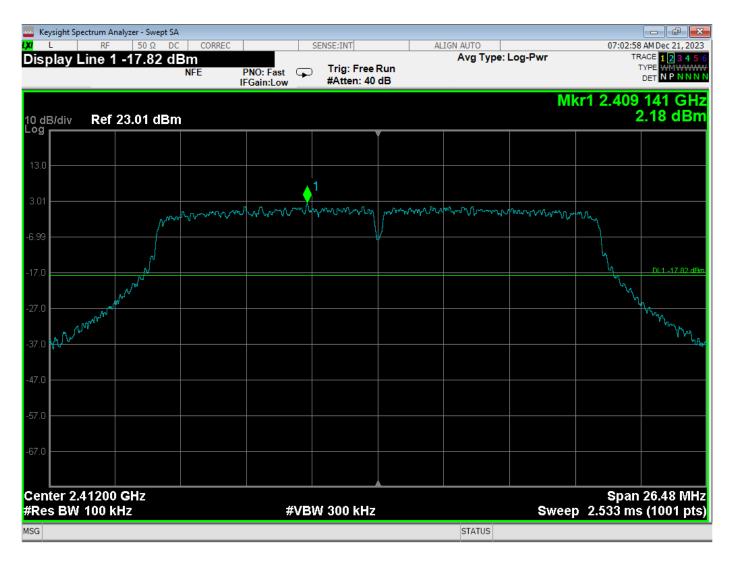


RF Antenna Conducted – High Channel – 802.11g – 2483.5 MHz to 10 GHz

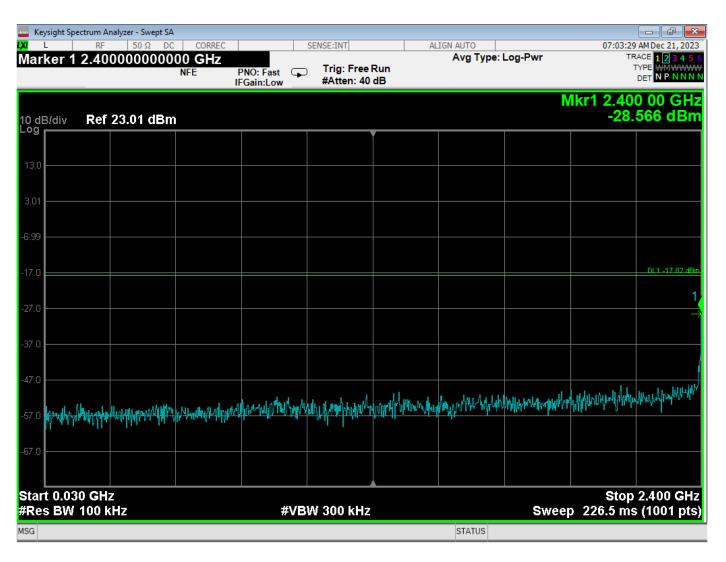


RF Antenna Conducted – High Channel – 802.11g - 10 GHz to 25 GHz

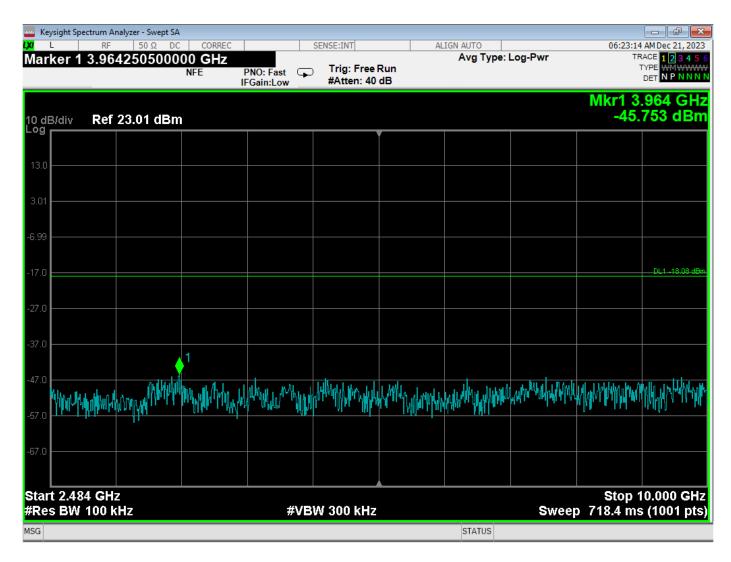
Model: TSTATCCEWF-01



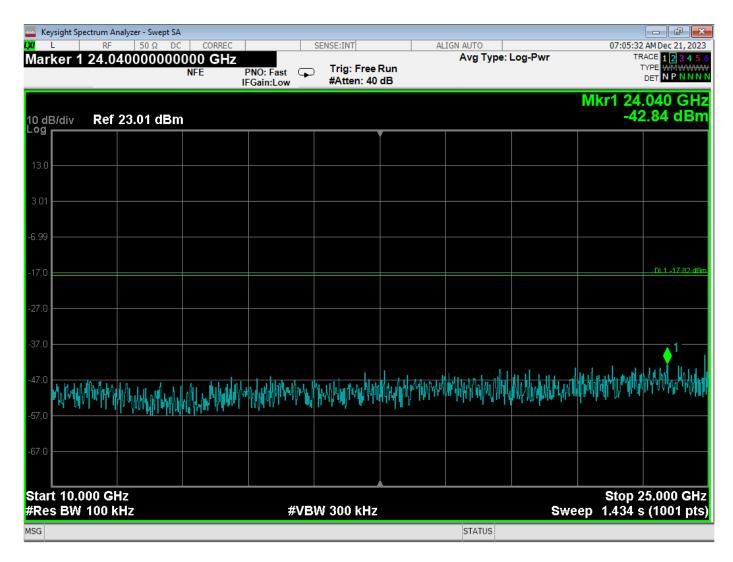
RF Antenna Conducted – Low Channel – 802.11n – 20 MHz – Reference Level



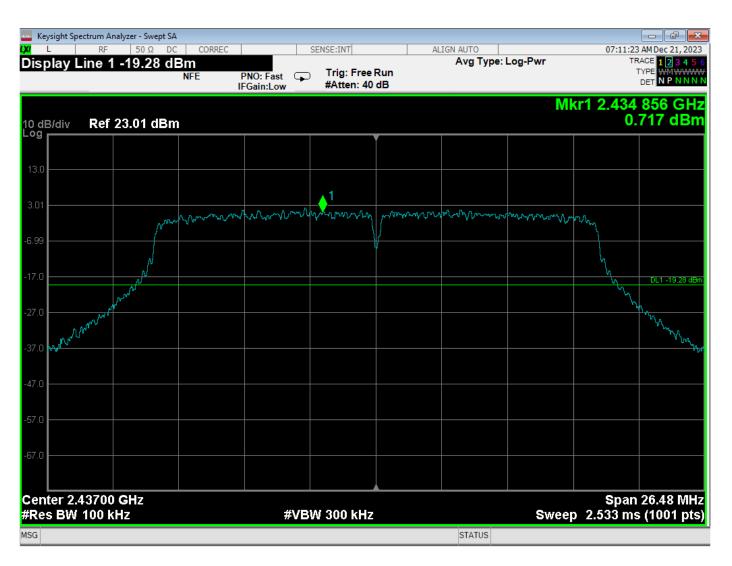
RF Antenna Conducted – Low Channel – 802.11n – 20 MHz – 30 MHz to 2.4 GHz



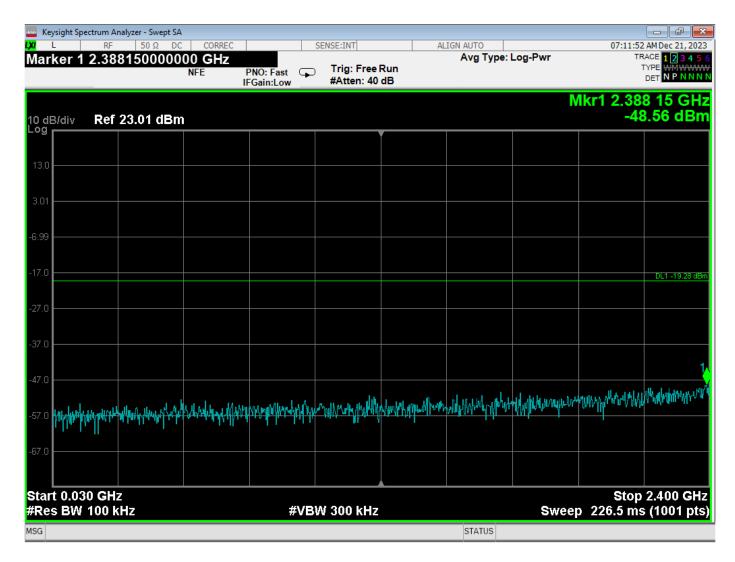
RF Antenna Conducted – Low Channel – 802.11n – 20 MHz – 2483.5 MHz to 10 GHz



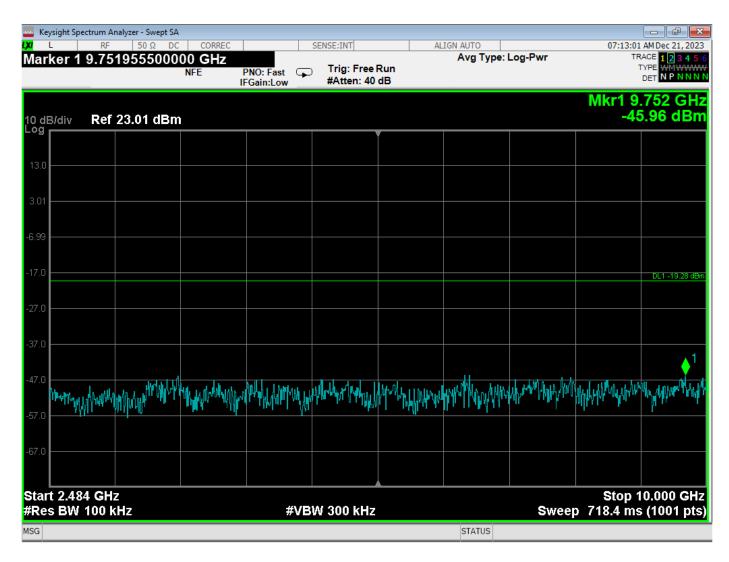
RF Antenna Conducted – Low Channel – 802.11n – 20 MHz – 10 GHz to 25 GHz



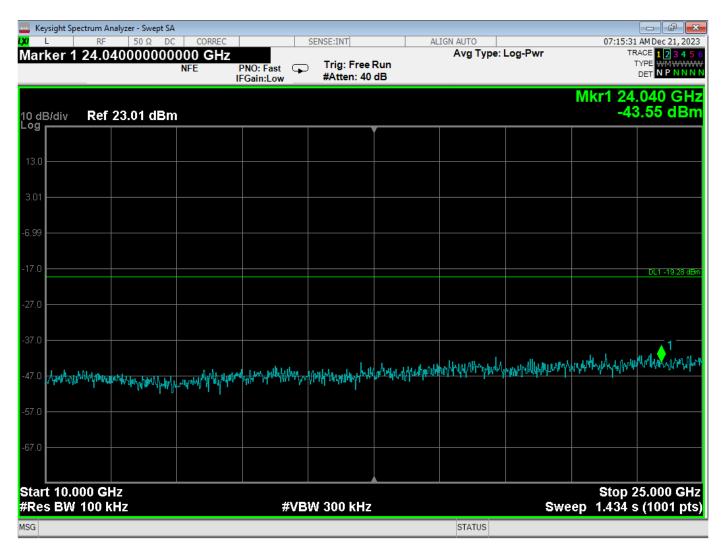
RF Antenna Conducted - Middle Channel - 802.11n - 20 MHz - Reference Level



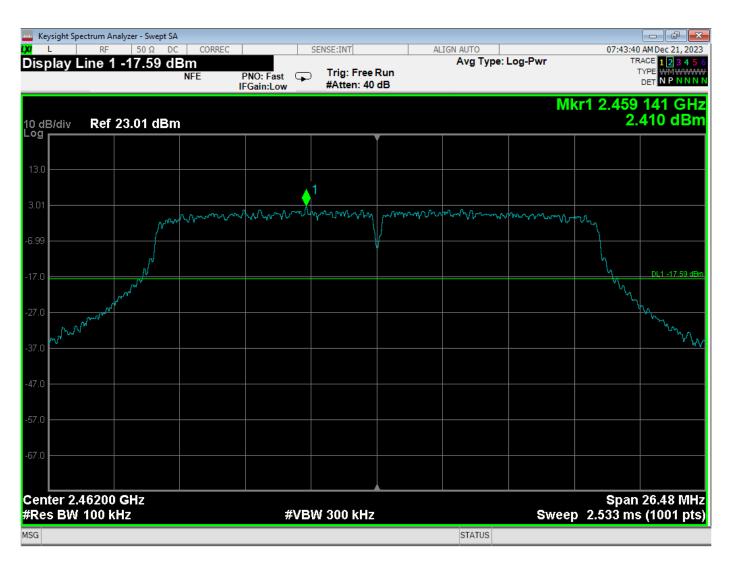
RF Antenna Conducted – Middle Channel – 802.11n - 20 MHz - 30 MHz to 2.4 GHz



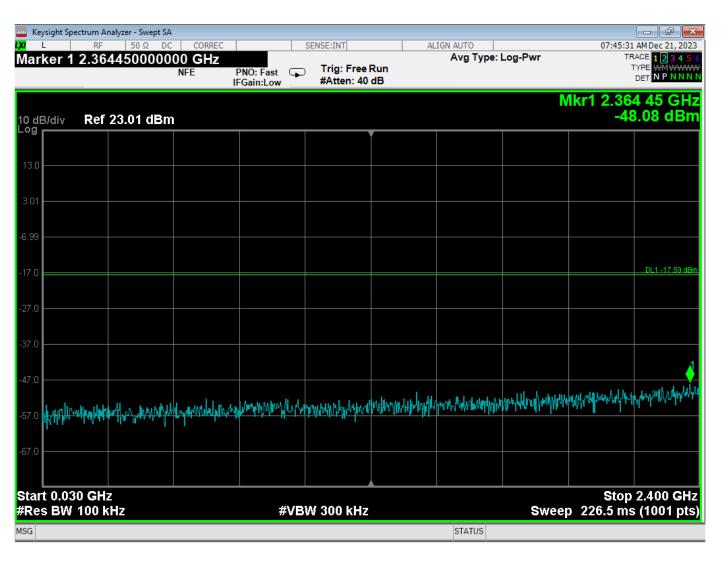
RF Antenna Conducted – Middle Channel – 802.11n – 20 MHz – 2483.5 MHz to 10 GHz



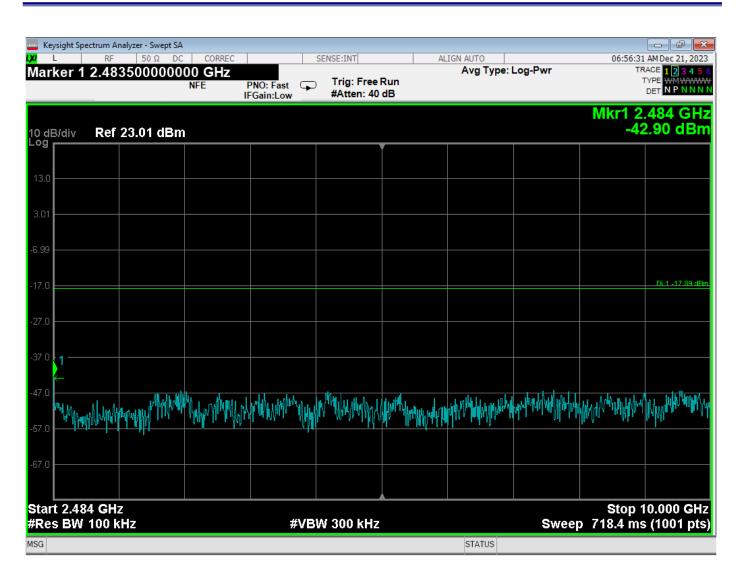
RF Antenna Conducted – Middle Channel – 802.11n – 20 MHz – 10 GHz to 25 GHz



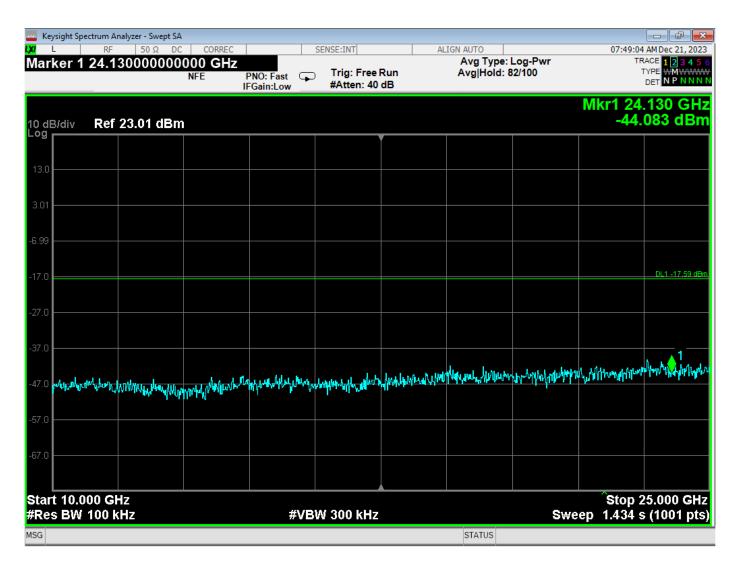
RF Antenna Conducted – High Channel – 802.11n – 20 MHz – Reference Level



RF Antenna Conducted – High Channel – 802.11n – 20 MHz – 30 MHz to 2.4 GHz



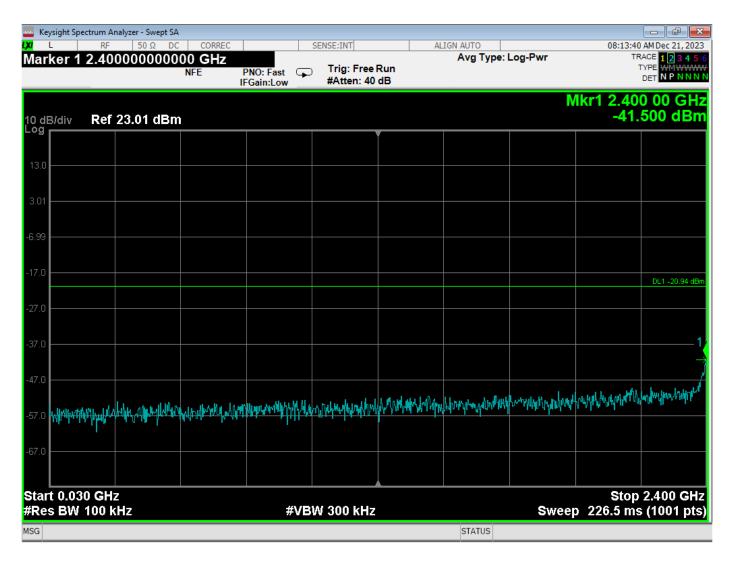
RF Antenna Conducted – High Channel – 802.11n – 20 MHz – 2483.5 MHz to 10 GHz



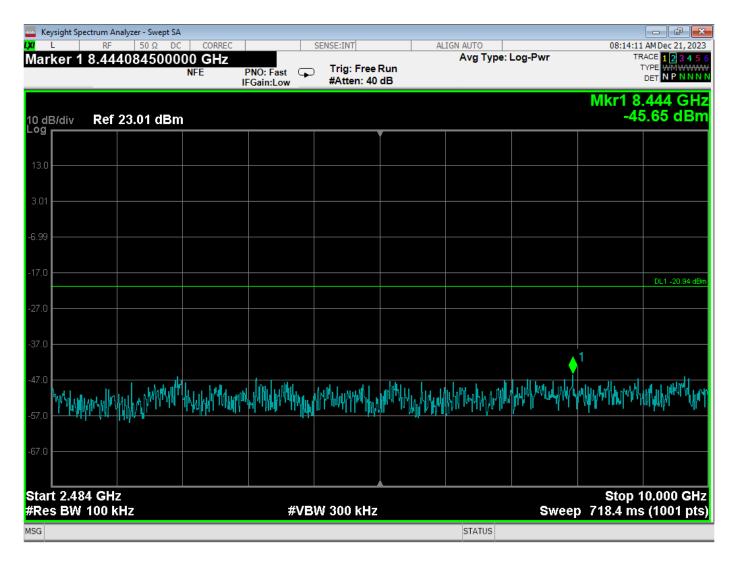
RF Antenna Conducted – High Channel – 802.11n – 20 MHz – 10 GHz to 25 GHz



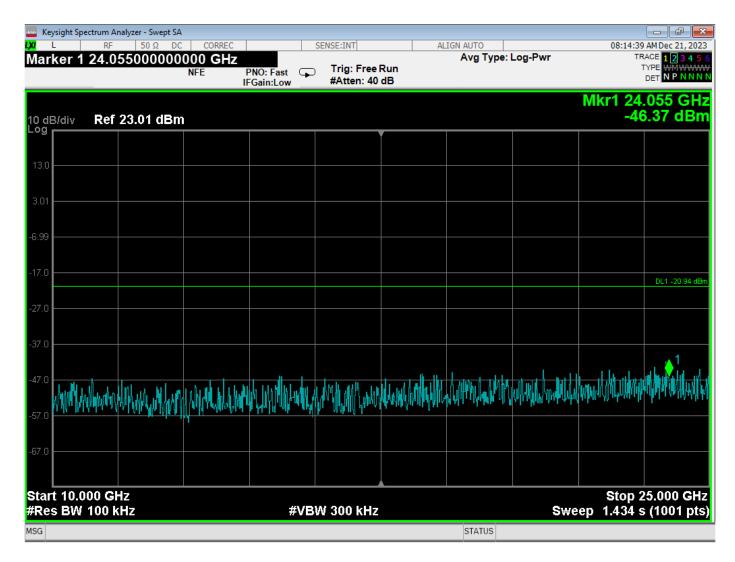
RF Antenna Conducted – Low Channel – 802.11n – 40 MHz – Reference Level



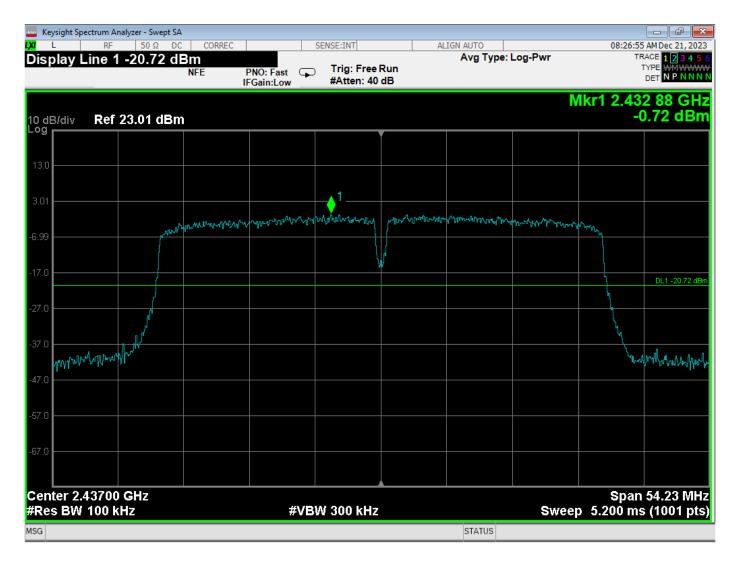
RF Antenna Conducted – Low Channel – 802.11n – 40 MHz – 30 MHz to 2.4 GHz



RF Antenna Conducted – Low Channel – 802.11n – 40 MHz – 2483.5 MHz to 10 GHz

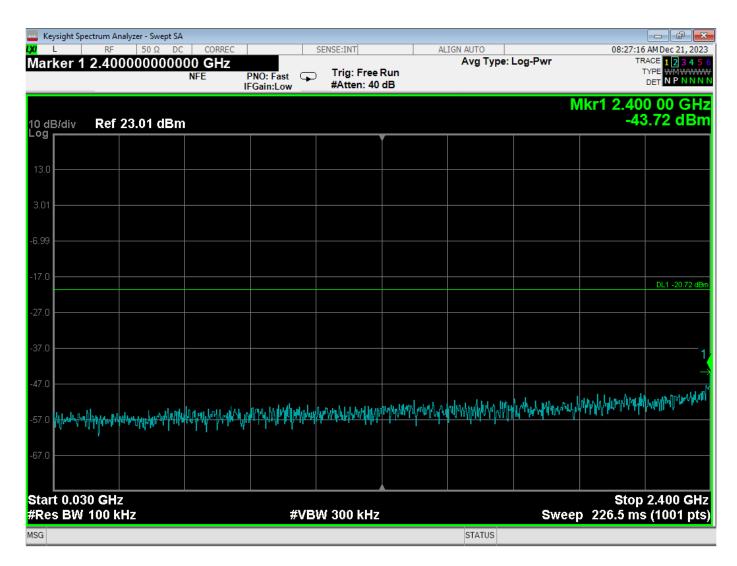


RF Antenna Conducted – Low Channel – 802.11n – 40 MHz – 10 GHz to 25 GHz



RF Antenna Conducted - Middle Channel - 802.11n - 40 MHz - Reference Level

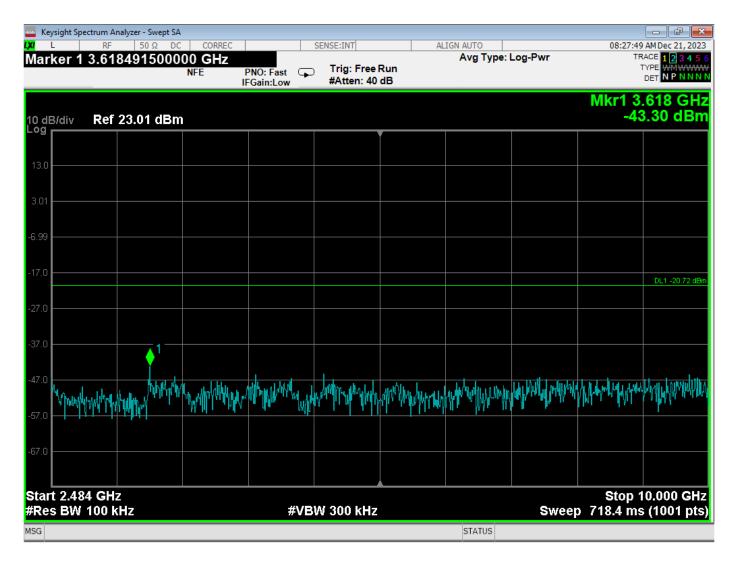
Model: TSTATCCEWF-01



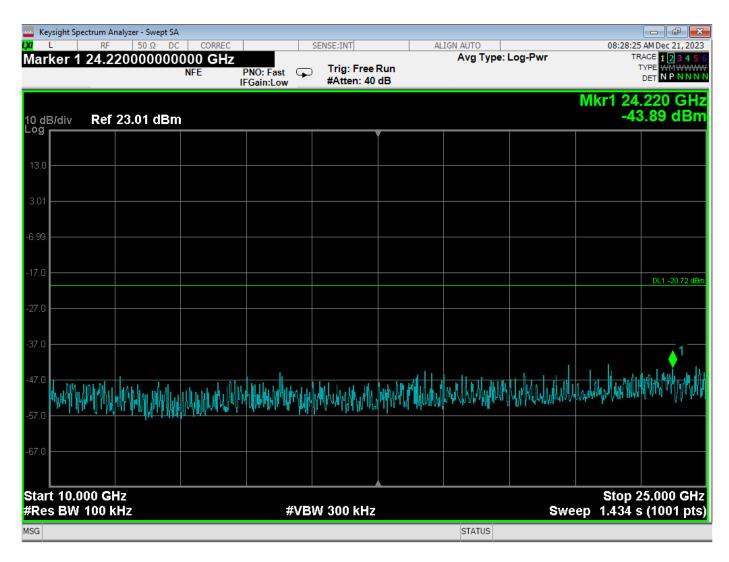
COMPATIBLE

ELECTRONICS

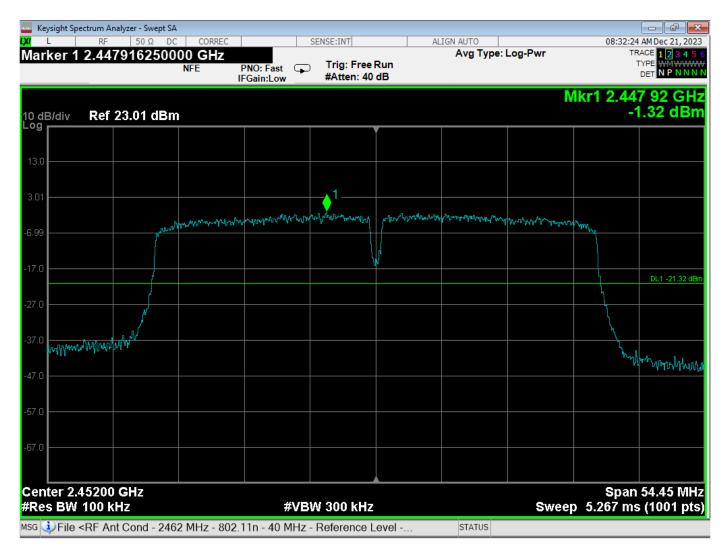
RF Antenna Conducted – Middle Channel – 802.11n – 40 MHz – 30 MHz to 2.4 GHz



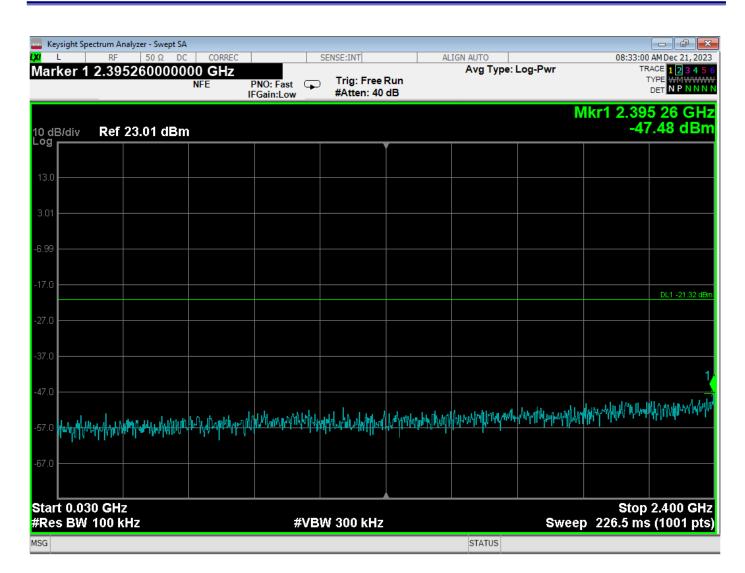
RF Antenna Conducted – Middle Channel – 802.11n – 40 MHz – 2843.5 MHz to 10 GHz



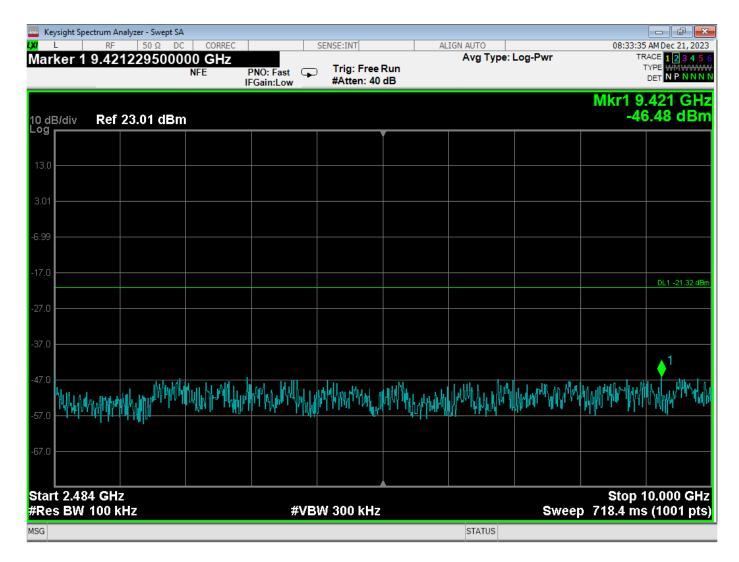
RF Antenna Conducted – Middle Channel – 802.11n – 40 MHz – 10 GHz to 25 GHz



RF Antenna Conducted – High Channel – 802.11n – 40 MHz – Reference Level

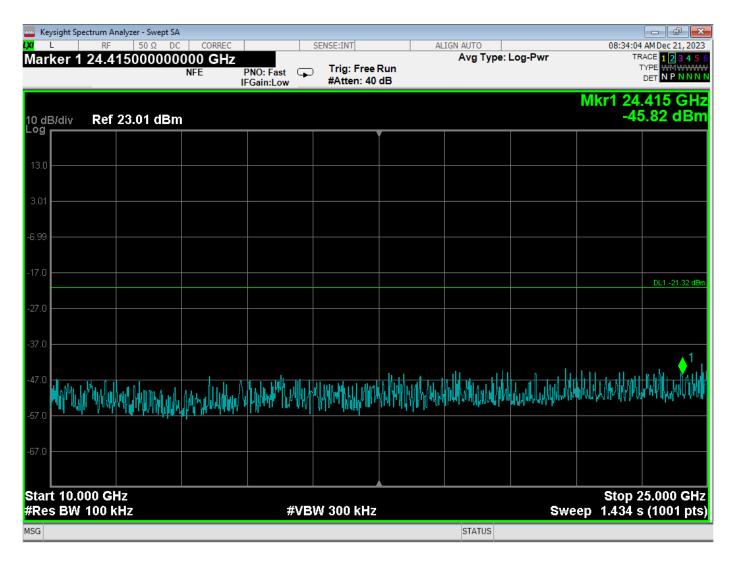


RF Antenna Conducted – High Channel – 802.11n – 40 MHz – 30 MHz to 2.4 GHz



RF Antenna Conducted – High Channel – 802.11n – 40 MHz – 2483.5 MHz to 10 GHz

COMPATIBLE ELECTRONICS



RF Antenna Conducted – High Channel – 802.11n – 40 MHz – 10 GHz to 25 GHz

UNIVERSAL ELECTRONICS, INC.

CARRIER ENTRY LEVEL AND ICP THERMOSTAT 2024

MODEL: TSTATXXXXX-01

EMISSIONS IN NON-RESTRICTED BANDS

FREQUENCY (MHz)	LEVEL (dBm)	Limit* (dBm)	Margin (dB)
2400.00 (BLE) (2Mbit)	-25.656	-16.180	-9.476
2400.00 (802.11g)	-27.440	-18.080	-9.360
2400.00 (802.11n) (20 MHz)	-28.566	-17.820	-10.746