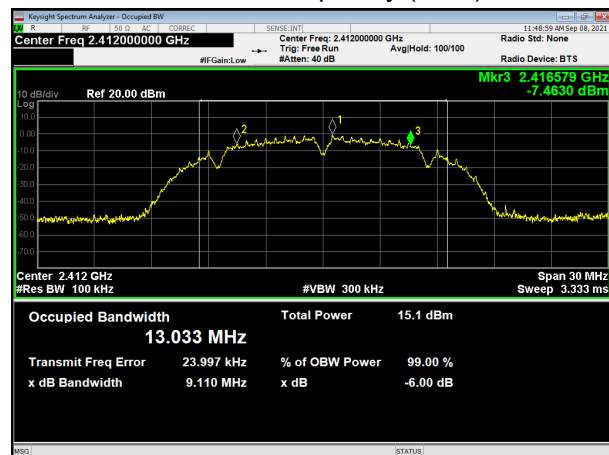


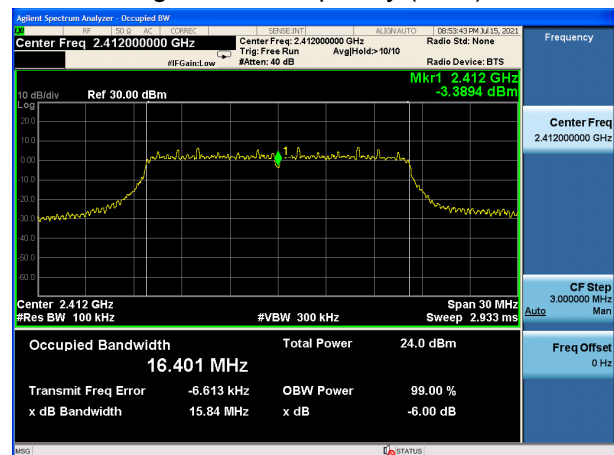


6 dB bandwidth

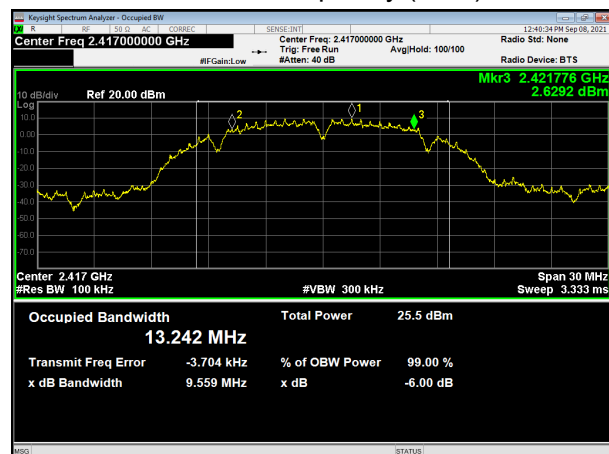
802.11b, Carrier frequency (MHz): 2412



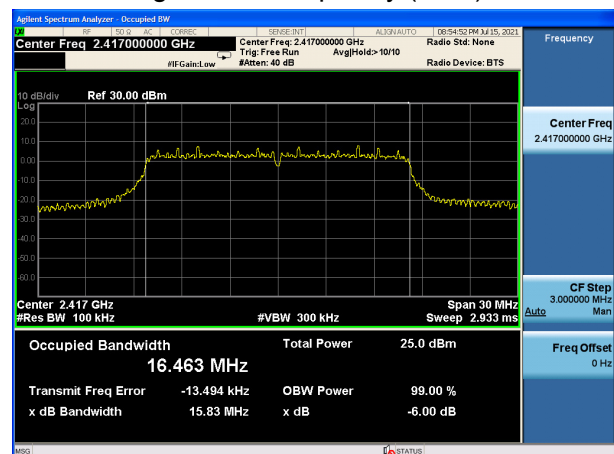
802.11g, Carrier frequency (MHz): 2412



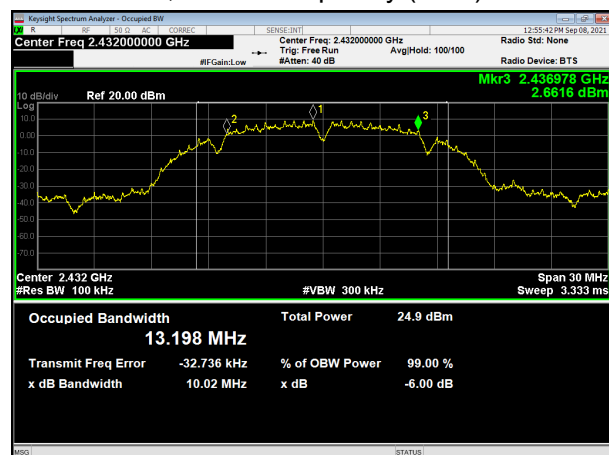
802.11b, Carrier frequency (MHz): 2417



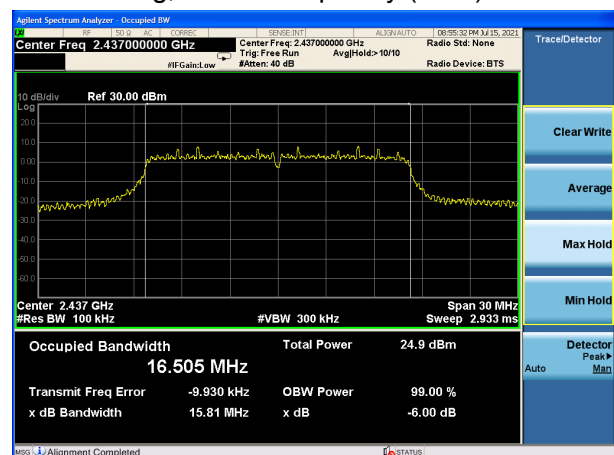
802.11g, Carrier frequency (MHz): 2417



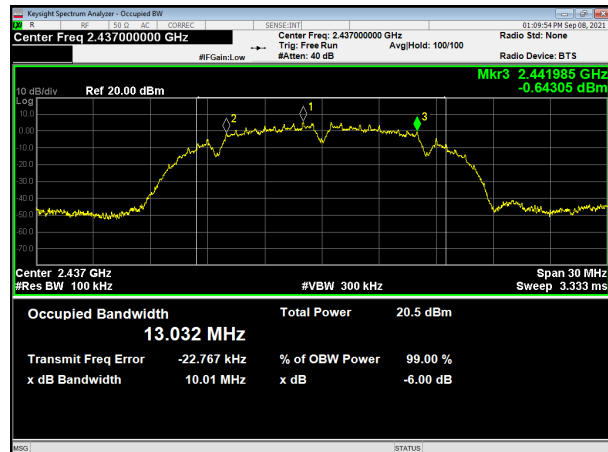
802.11b, Carrier frequency (MHz): 2432



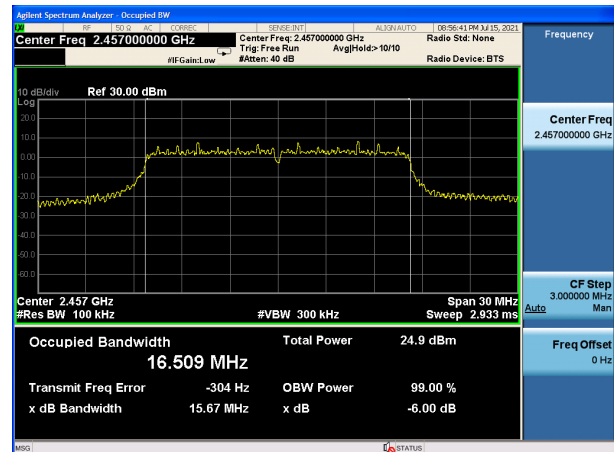
802.11g, Carrier frequency (MHz): 2437



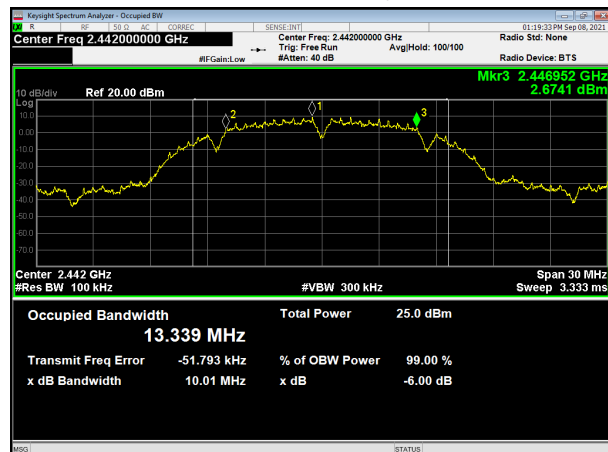
802.11b, Carrier frequency (MHz): 2437



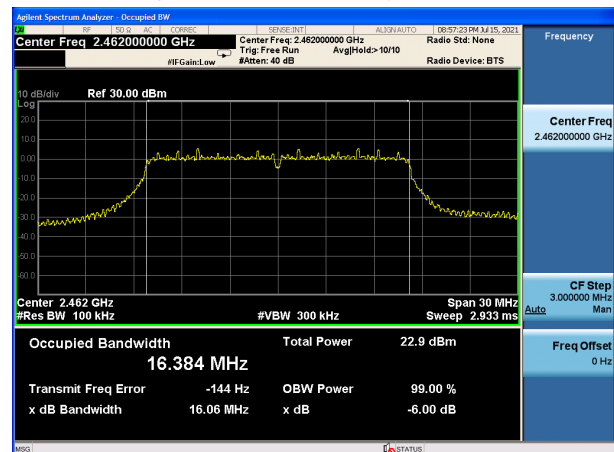
802.11g, Carrier frequency (MHz): 2457



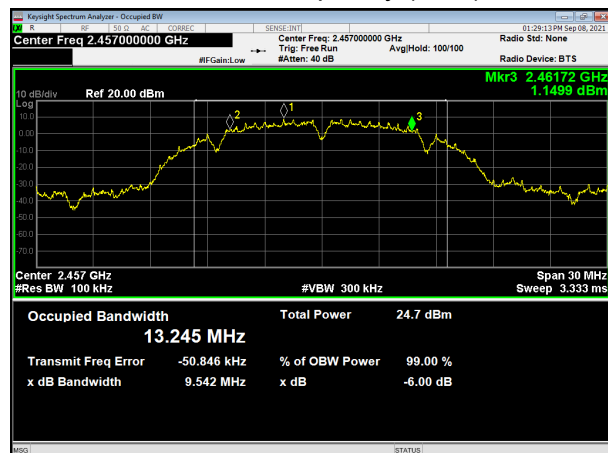
802.11b, Carrier frequency (MHz): 2442



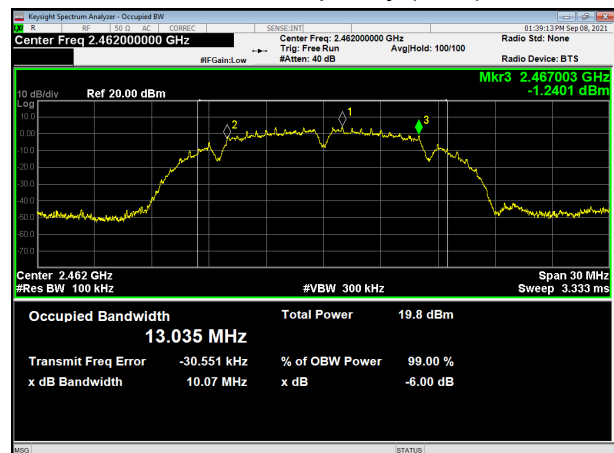
802.11g, Carrier frequency (MHz): 2462



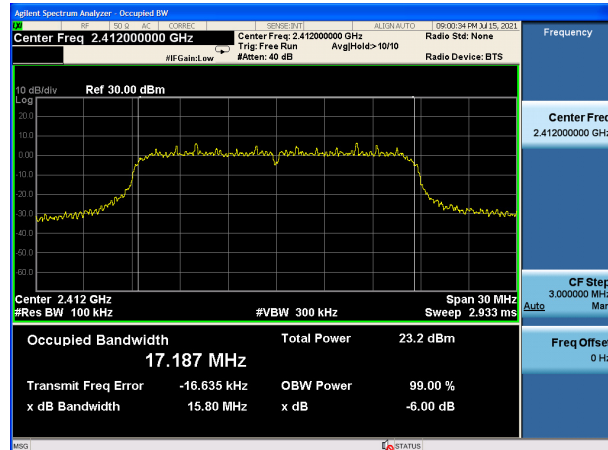
802.11b, Carrier frequency (MHz): 2457



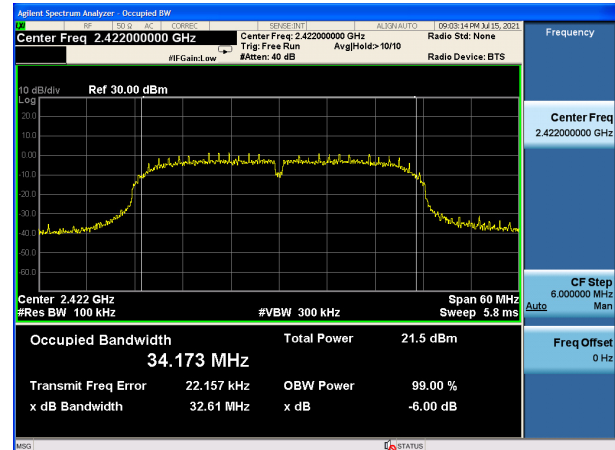
802.11b, Carrier frequency (MHz): 2462



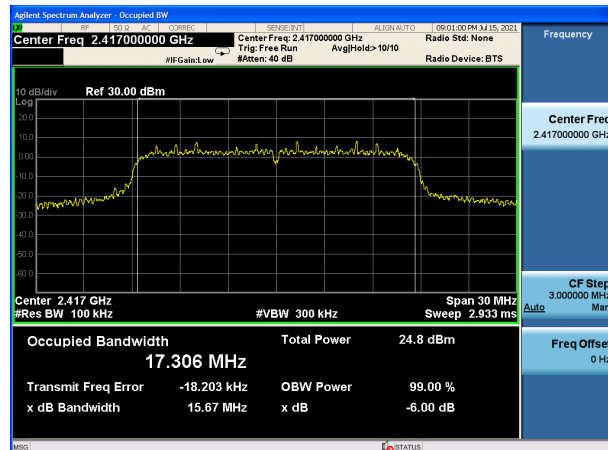
802.11n(HT20), Carrier frequency (MHz): 2412



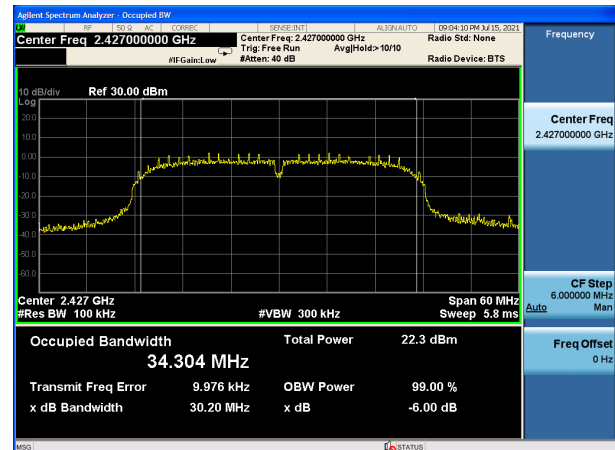
802.11n(HT40), Carrier frequency (MHz): 2422



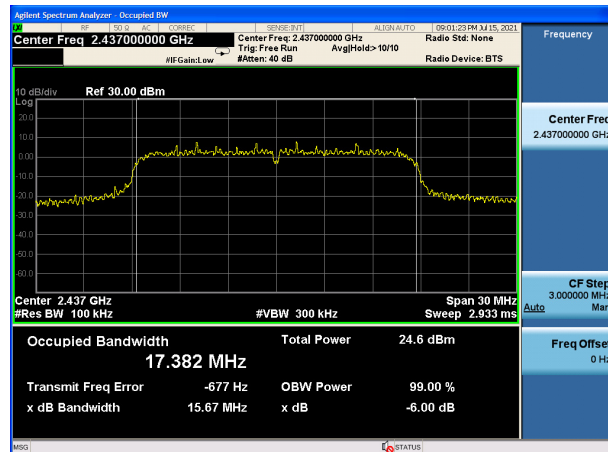
802.11n(HT20), Carrier frequency (MHz): 2417



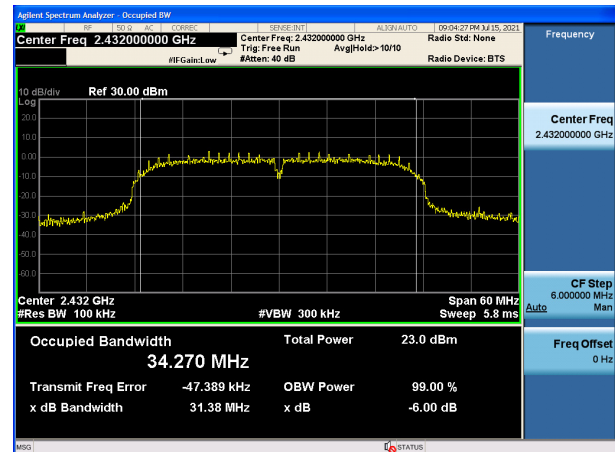
802.11n(HT40), Carrier frequency (MHz): 2427



802.11n(HT20), Carrier frequency (MHz): 2437

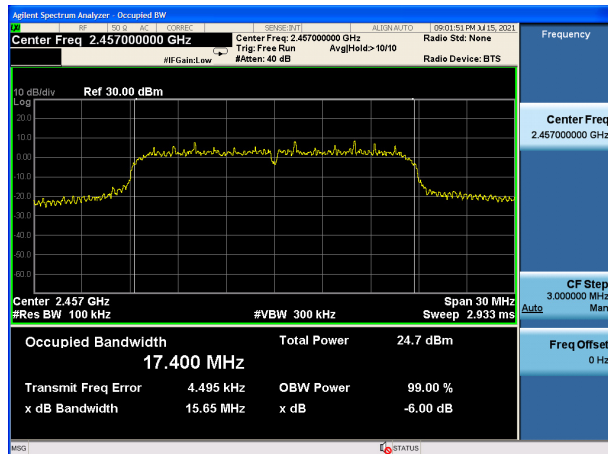


802.11n(HT40), Carrier frequency (MHz): 2432

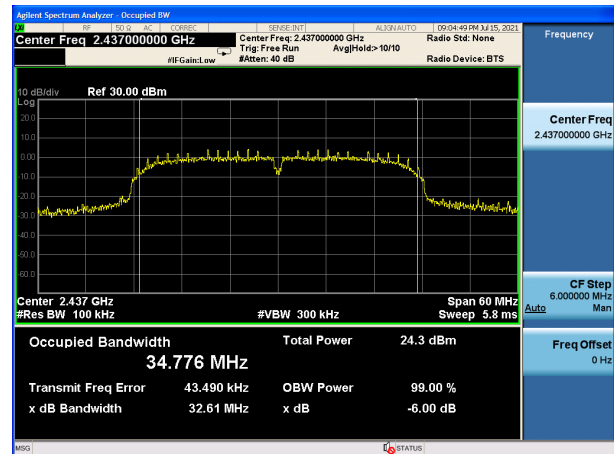




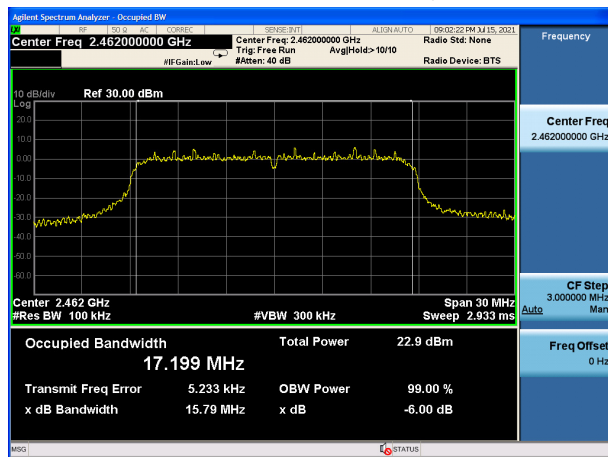
802.11n(HT20), Carrier frequency (MHz): 2457



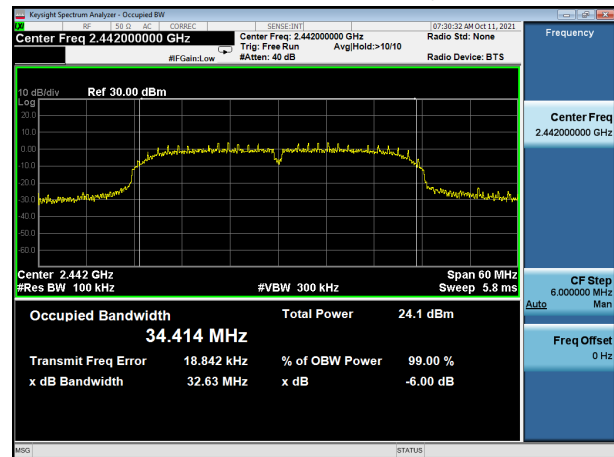
802.11n(HT40), Carrier frequency (MHz): 2437



802.11n(HT20), Carrier frequency (MHz): 2462



802.11n(HT40), Carrier frequency (MHz): 2442

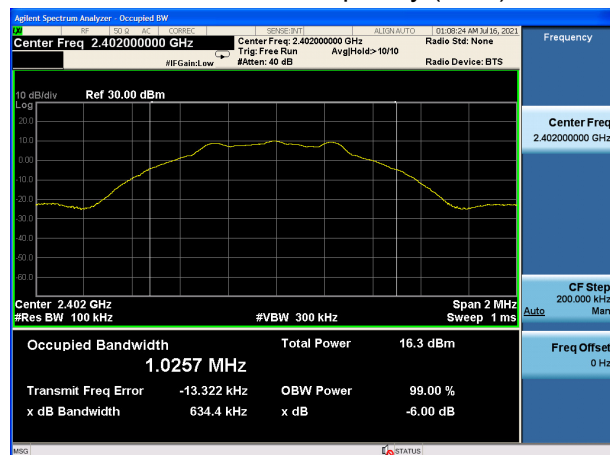


802.11n(HT40), Carrier frequency (MHz): 2447

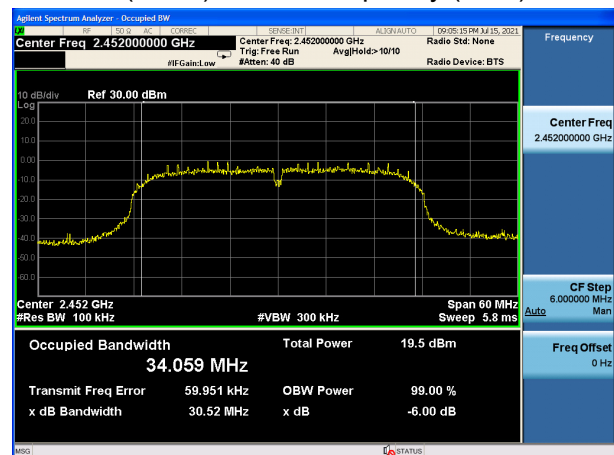




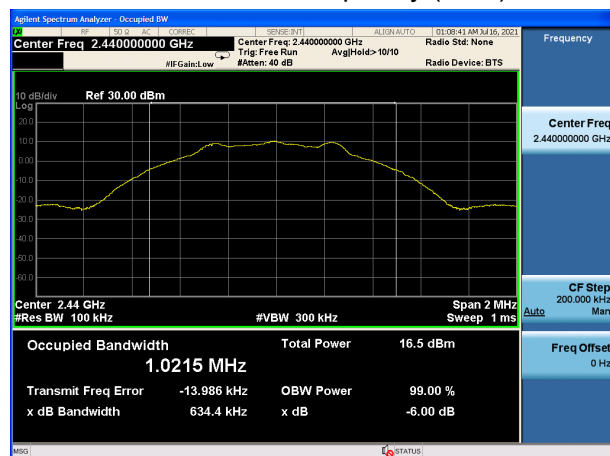
Bluetooth LE Carrier frequency (MHz): 2402



802.11n(HT40), Carrier frequency (MHz): 2452



Bluetooth LE Carrier frequency (MHz): 2440



5.3. Band Edge

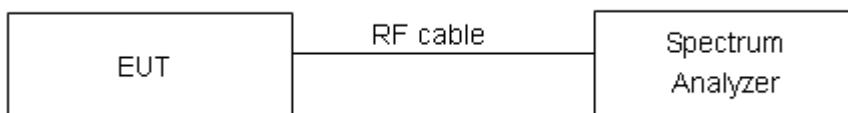
Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable the band edge of the lowest and highest channels were measured. The peak detector is used and RBW is set to 100 kHz and VBW is set to 300 kHz on spectrum analyzer. Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

Rule Part 15.247(d) specifies that “In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.” If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.”

Measurement Uncertainty

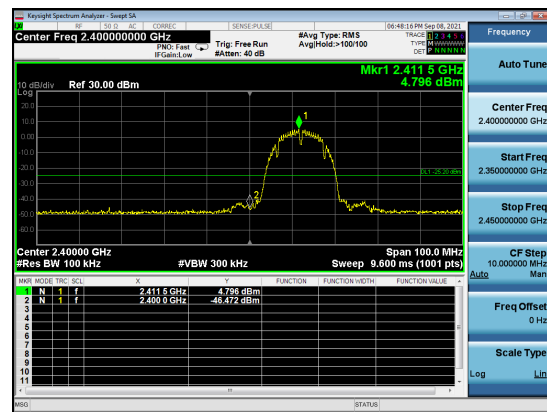
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$.

Frequency	Uncertainty
2GHz-3GHz	1.407 dB

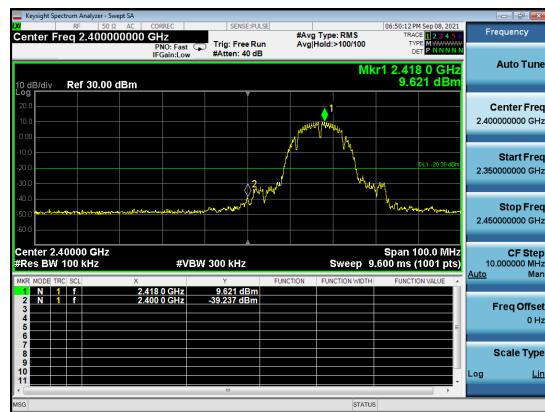


Test Results: PASS

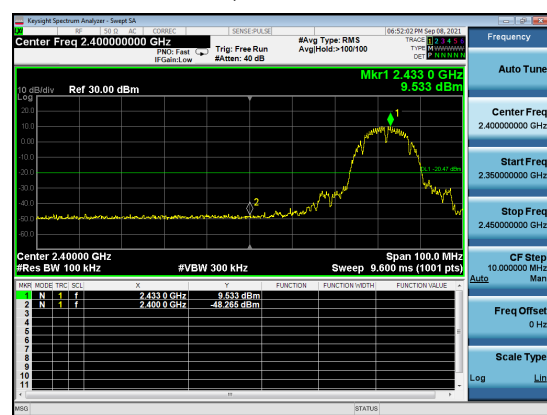
802.11b, Channel No.: 1



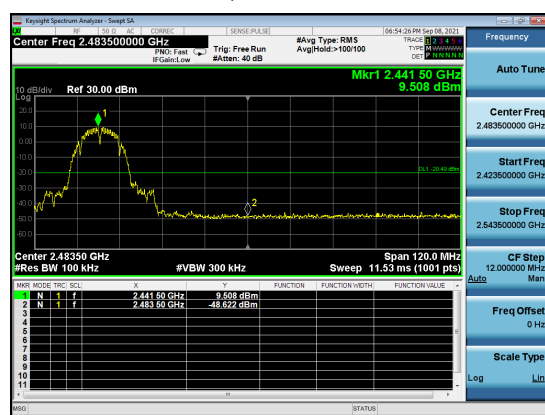
802.11b, Channel No.: 2



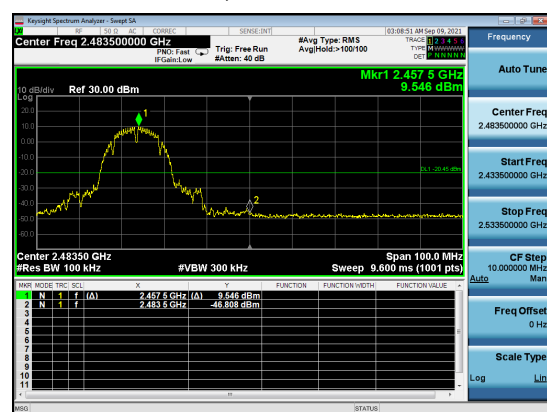
802.11b, Channel No.: 5



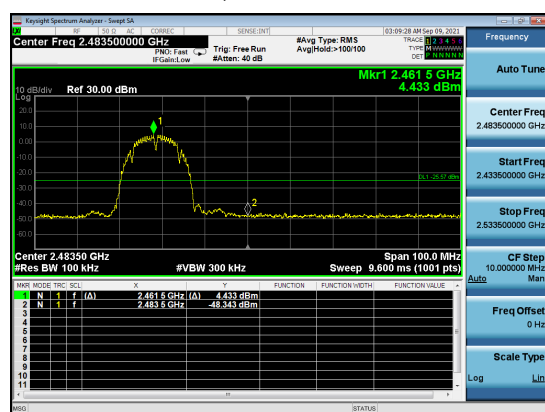
802.11b, Channel No.: 7



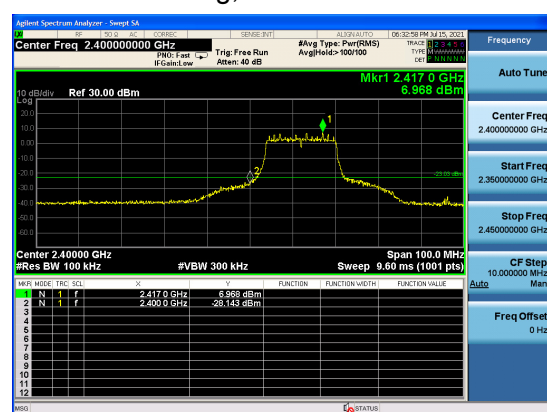
802.11b, Channel No.: 10



802.11b, Channel No.: 11



802.11g, Channel No.: 1



802.11g, Channel No.: 2

