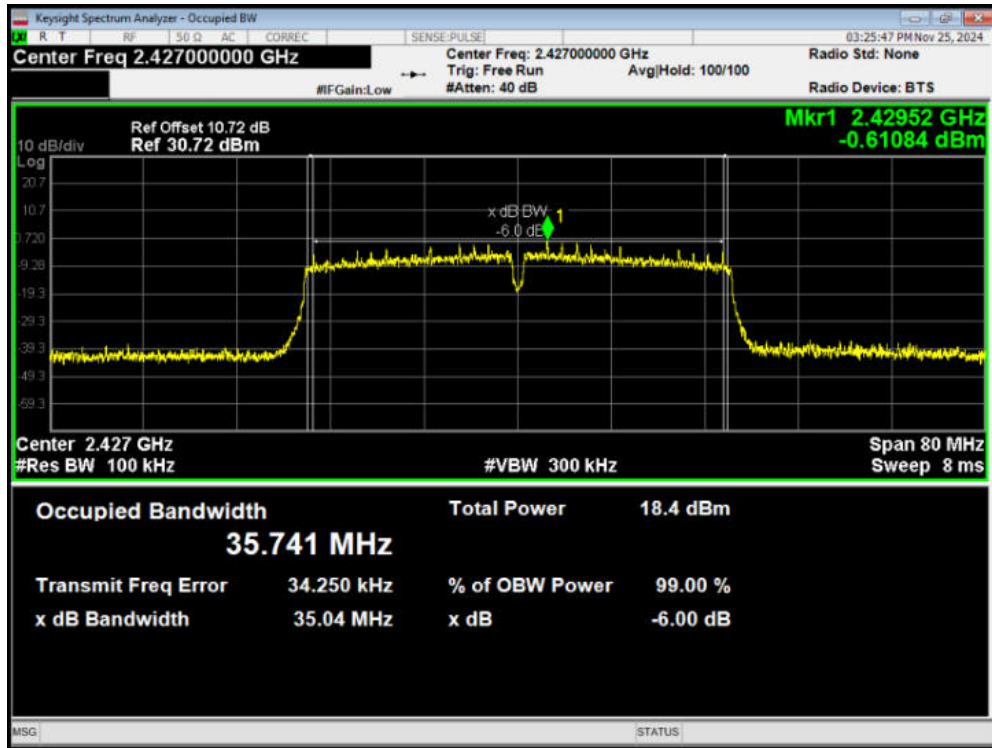
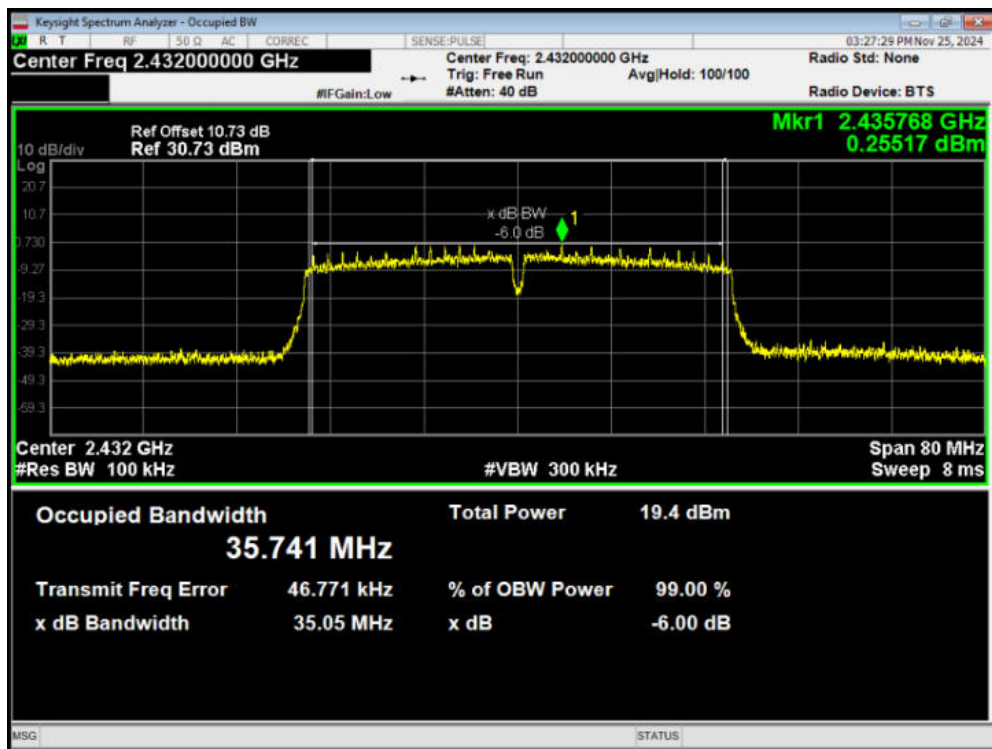


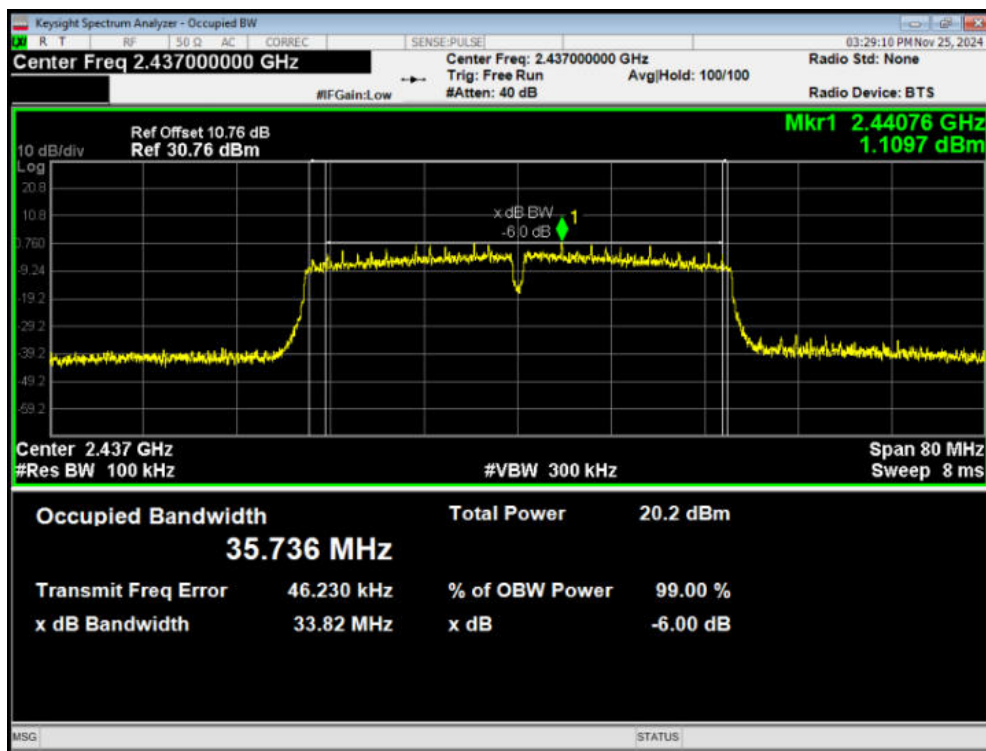
-6dB Bandwidth 802.11n(HT40) 2427MHz



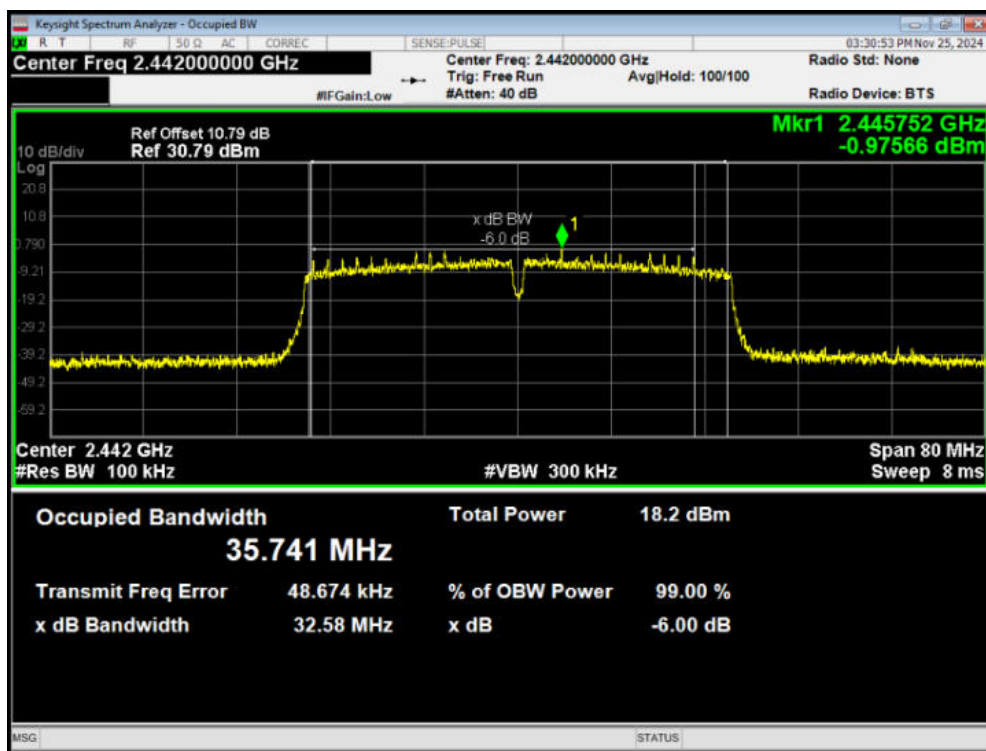
-6dB Bandwidth 802.11n(HT40) 2432MHz



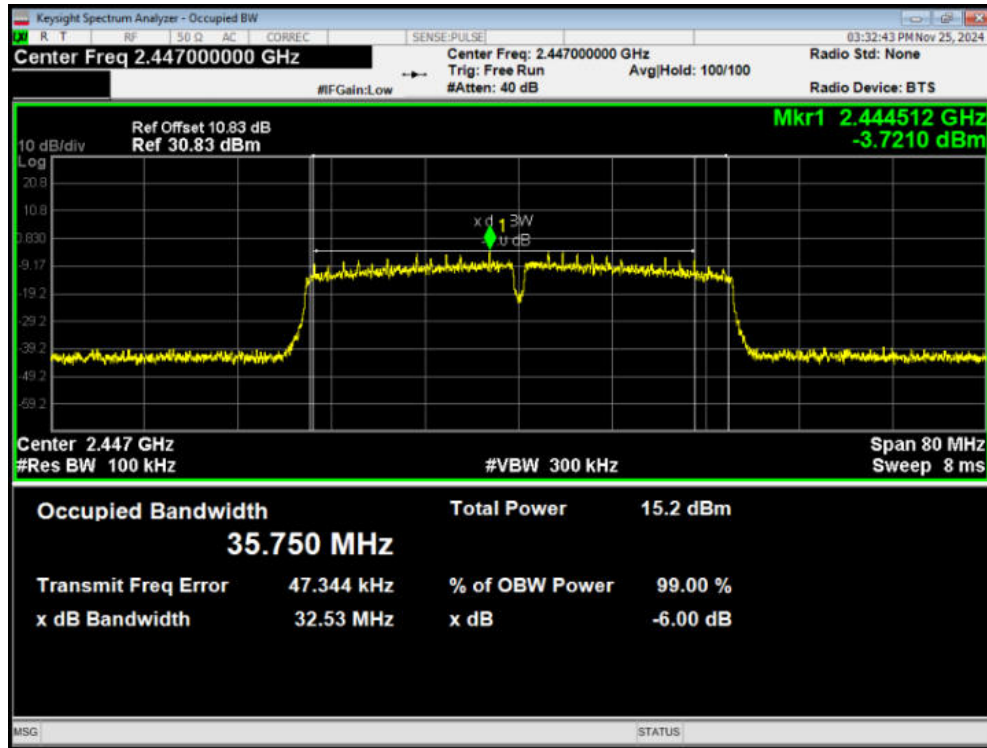
-6dB Bandwidth 802.11n(HT40) 2437MHz



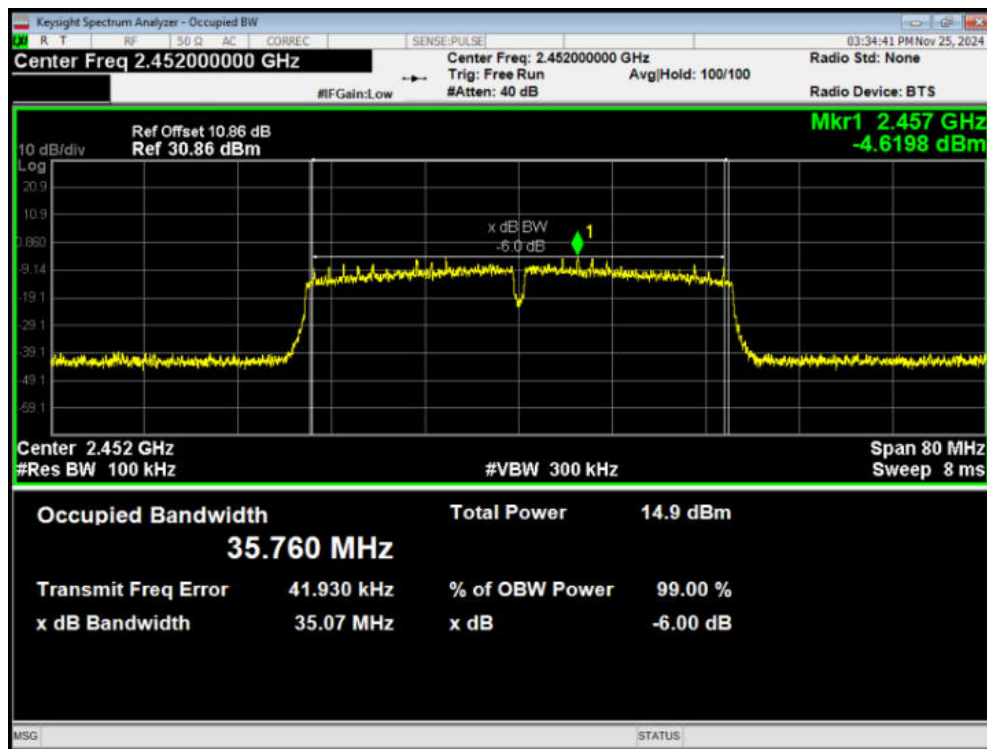
-6dB Bandwidth 802.11n(HT40) 2442MHz



-6dB Bandwidth 802.11n(HT40) 2447MHz



-6dB Bandwidth 802.11n(HT40) 2452MHz



5.3. Band Edge

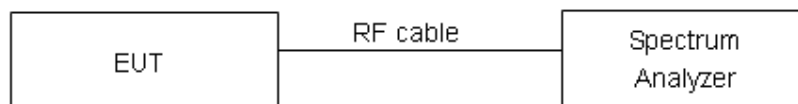
Ambient Condition

Temperature	Relative humidity
15°C ~ 35°C	20% ~ 80%

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.”

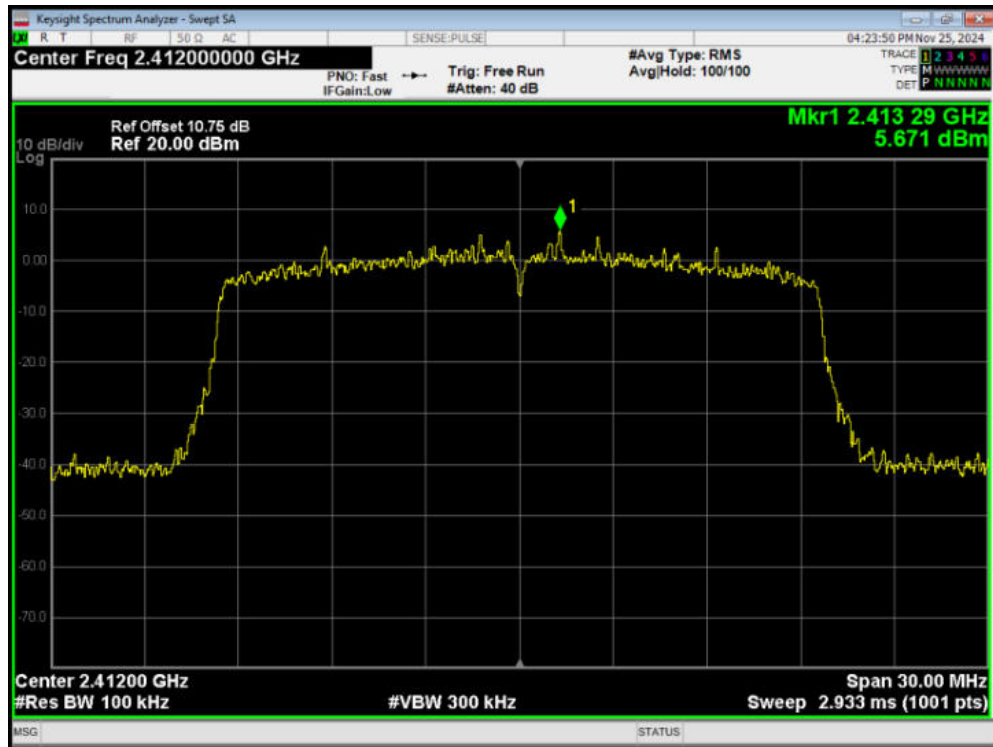
Measurement Uncertainty

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

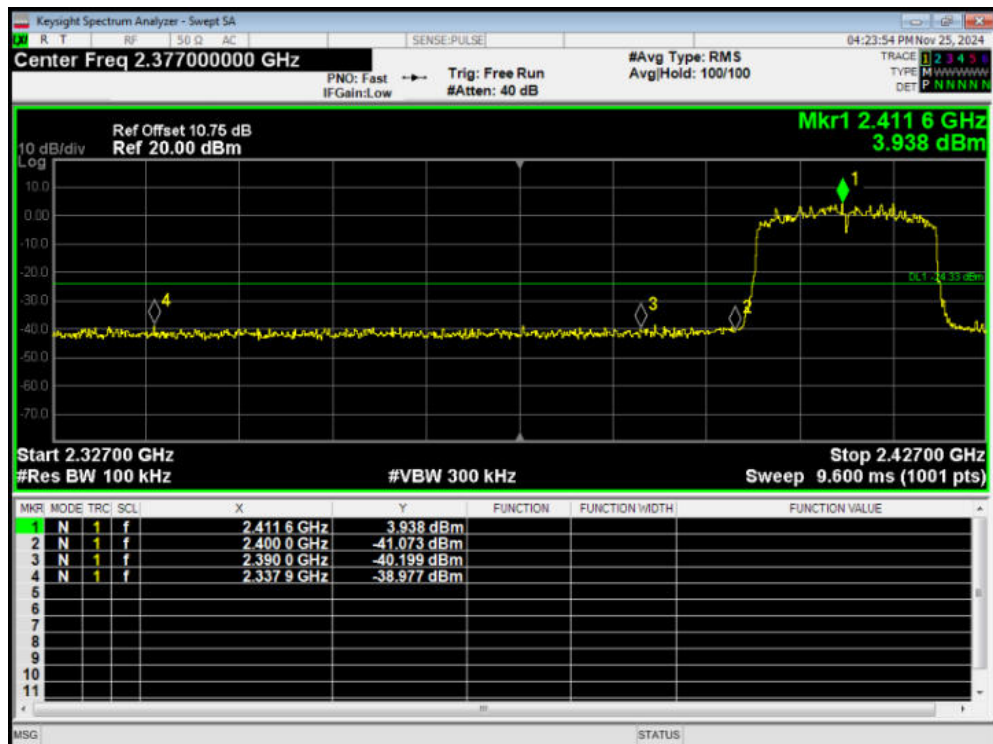
Frequency	Uncertainty
2GHz-3GHz	1.407 dB

Test Results: PASS

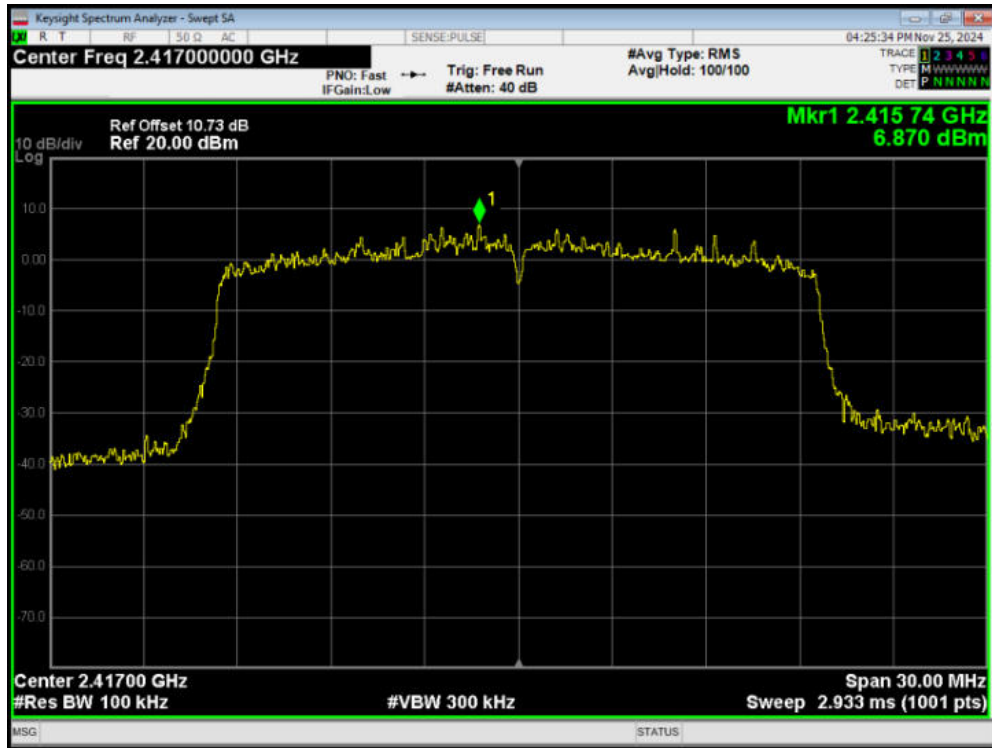
Band Edge 802.11ax(HE20) 2412MHzRef



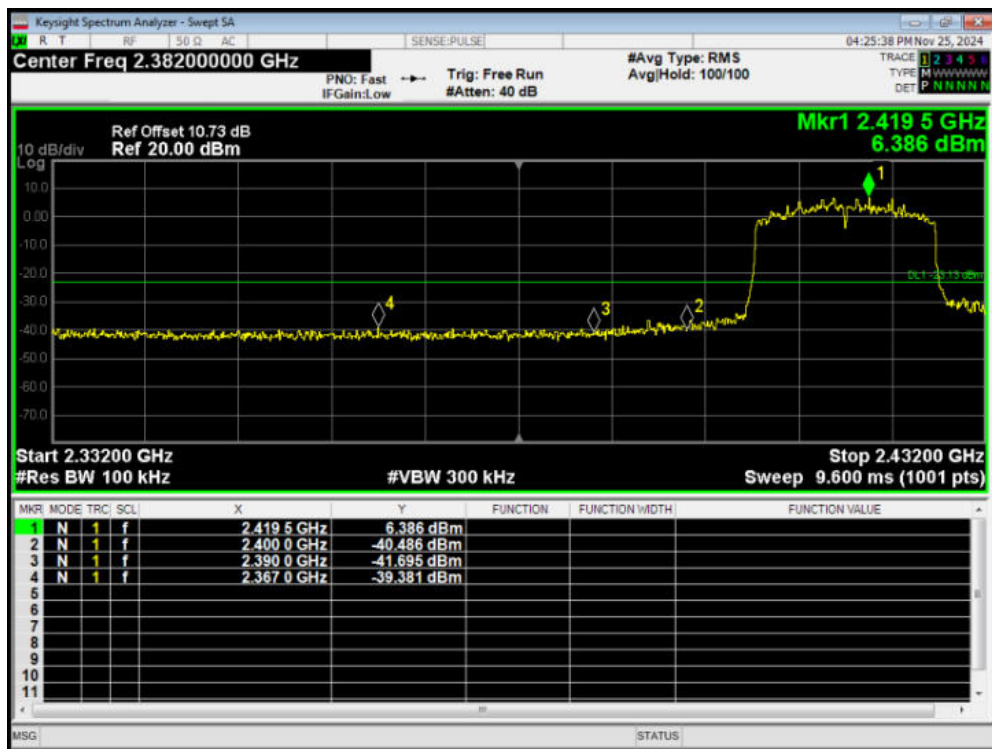
Band Edge 802.11ax(HE20) 2412MHzEmission



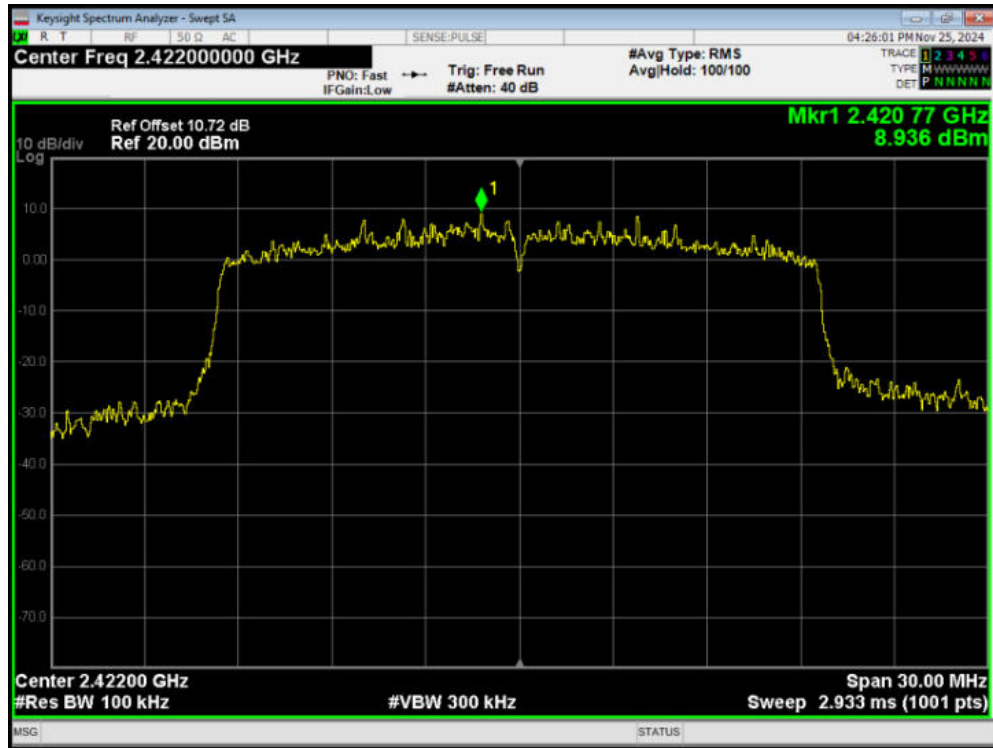
Band Edge 802.11ax(HE20) 2417MHzRef



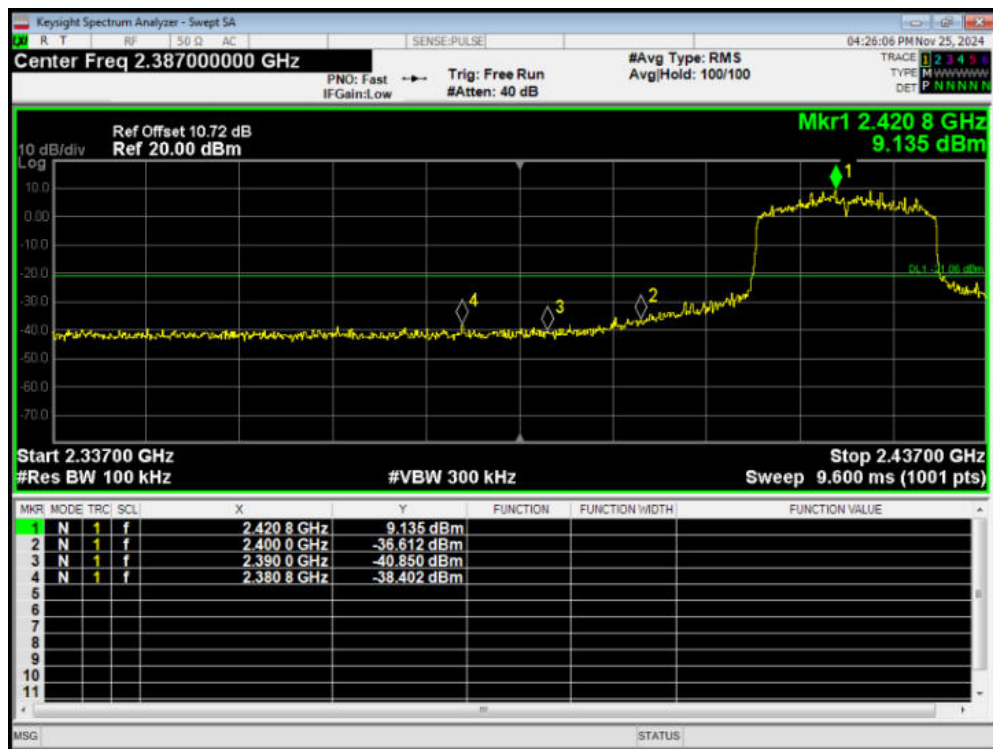
Band Edge 802.11ax(HE20) 2417MHzEmission



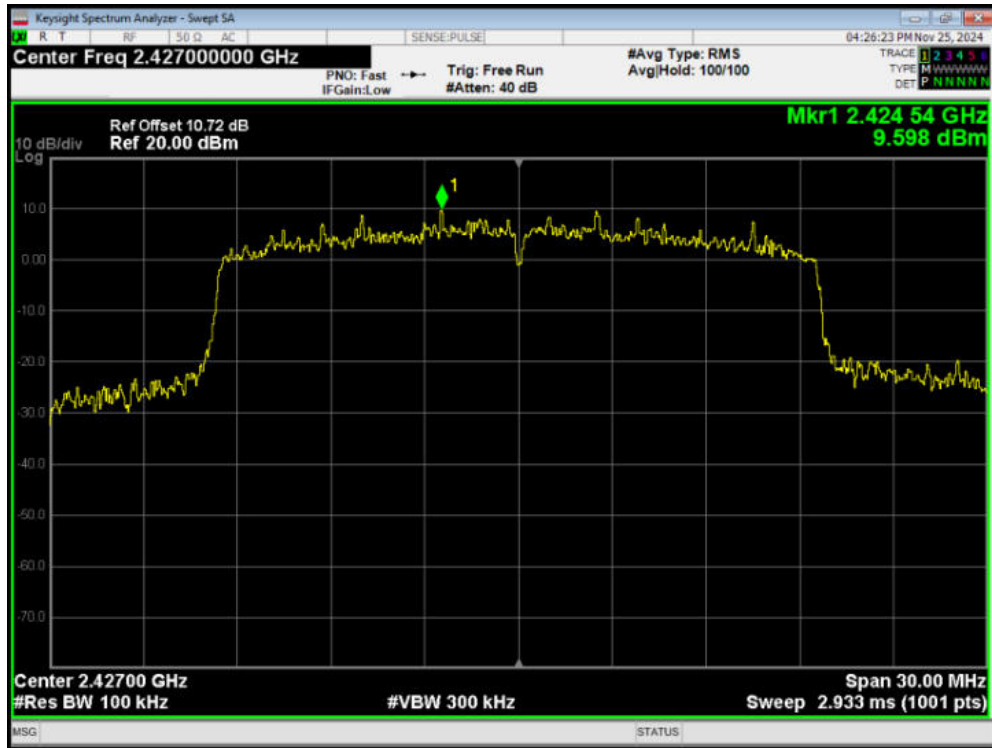
Band Edge 802.11ax(HE20) 2422MHzRef



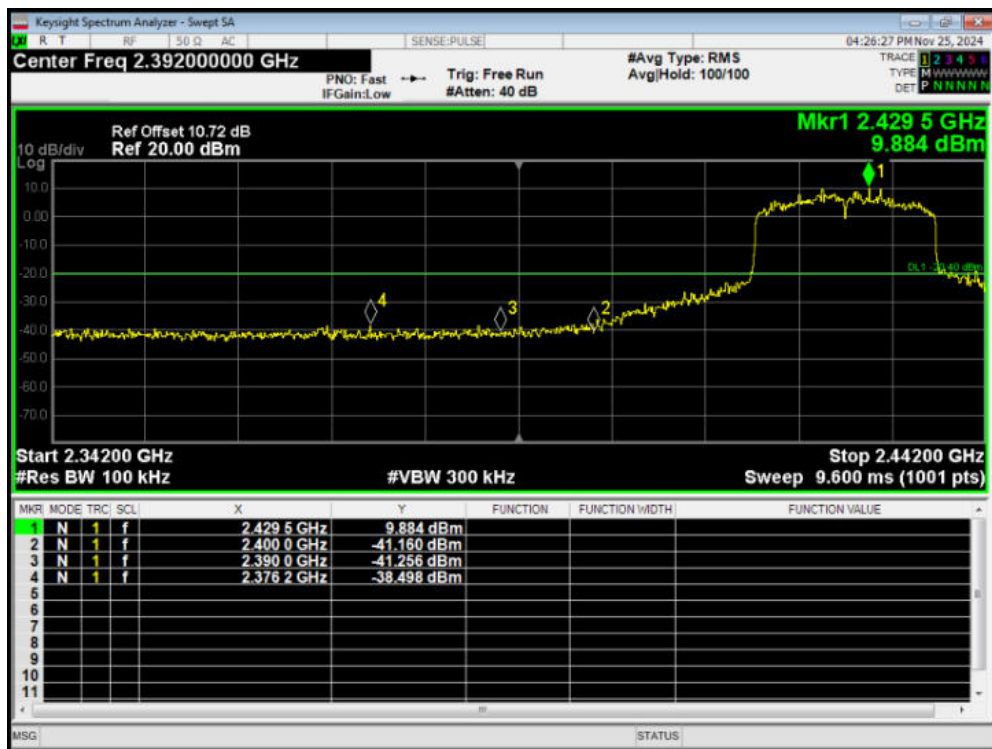
Band Edge 802.11ax(HE20) 2422MHzEmission



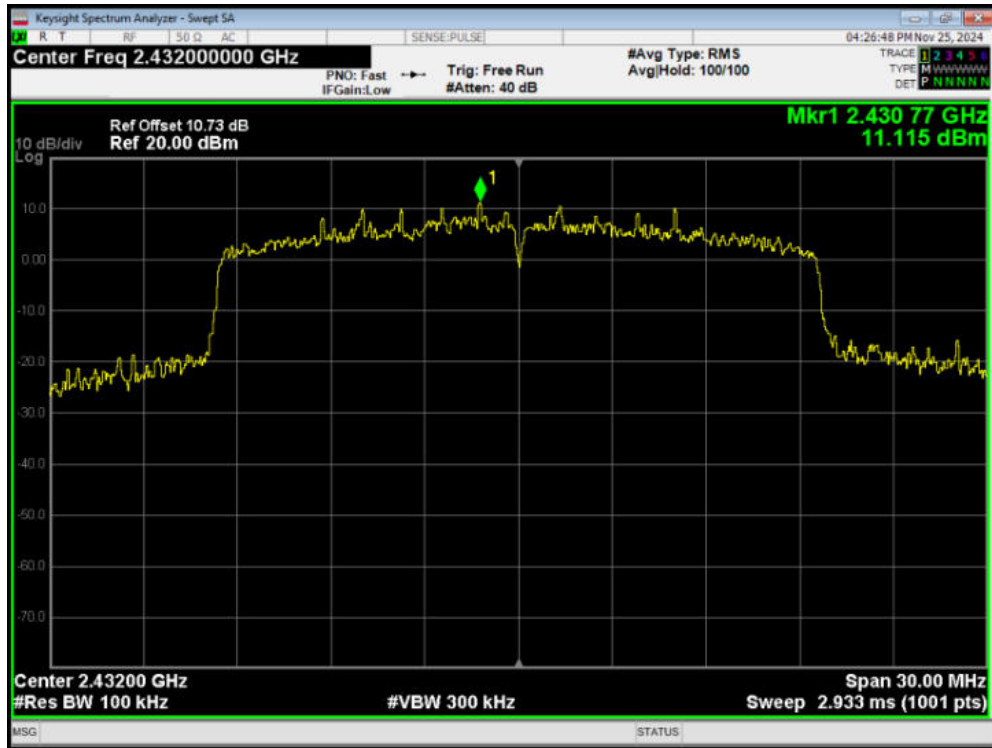
Band Edge 802.11ax(HE20) 2427MHzRef



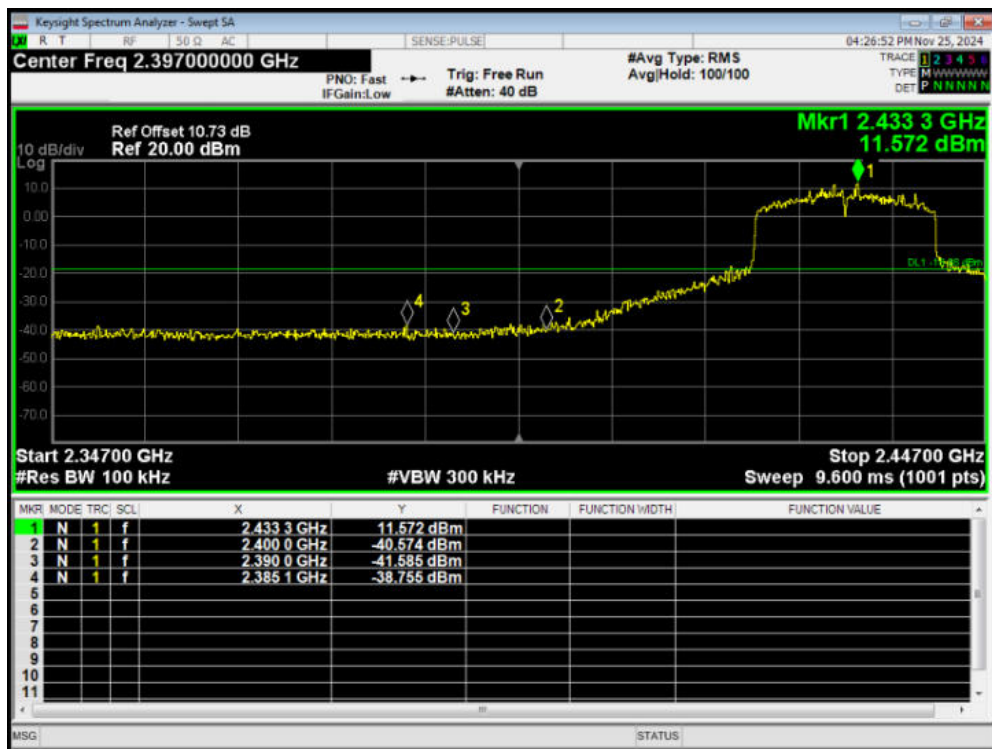
Band Edge 802.11ax(HE20) 2427MHzEmission



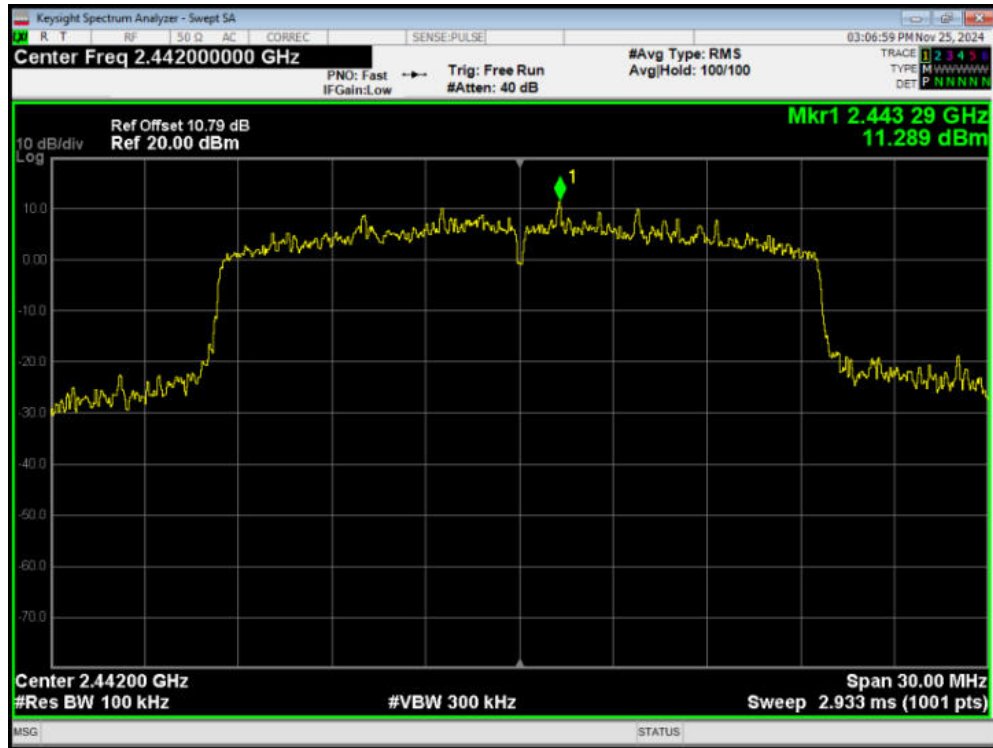
Band Edge 802.11ax(HE20) 2432MHzRef



Band Edge 802.11ax(HE20) 2432MHzEmission



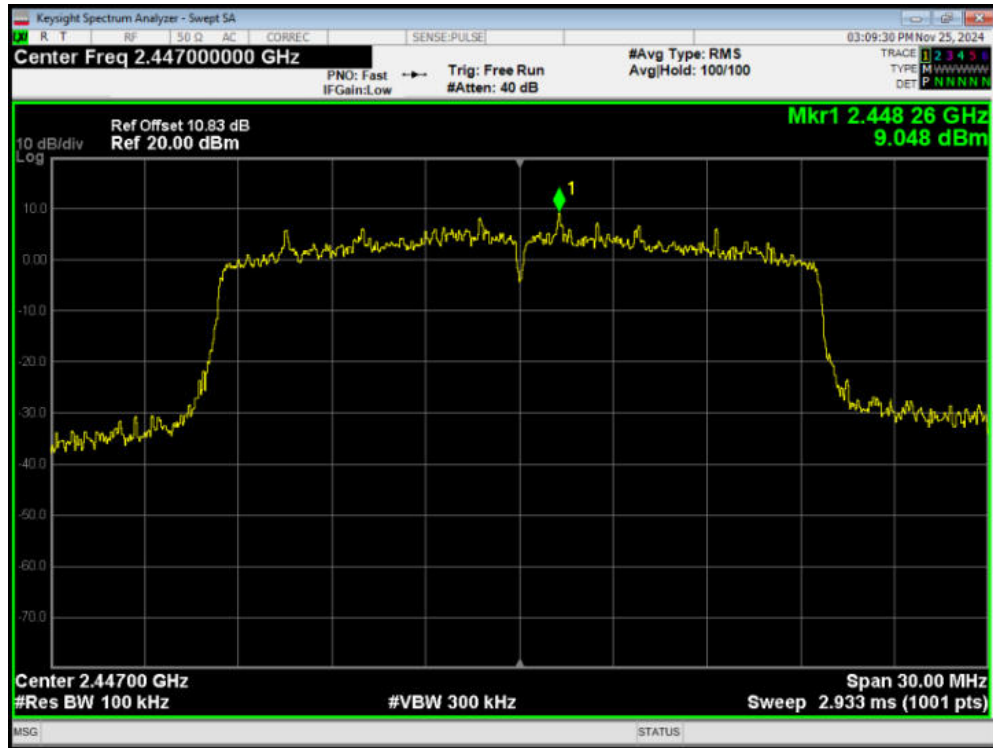
Band Edge 802.11ax(HE20) 2442MHzRef



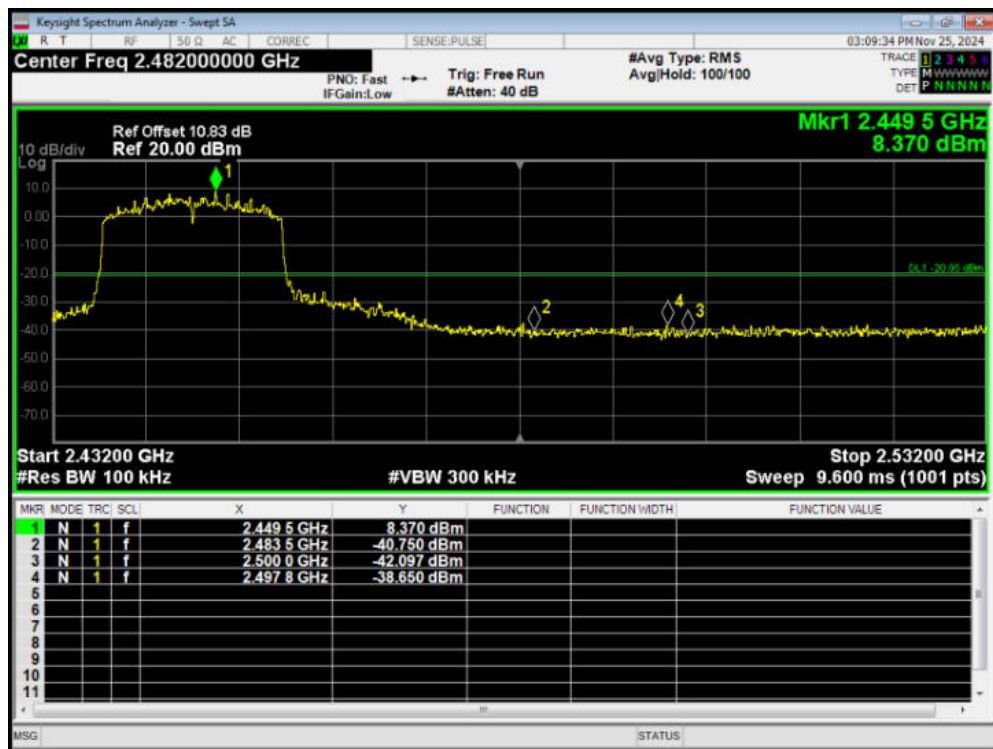
Band Edge 802.11ax(HE20) 2442MHzEmission



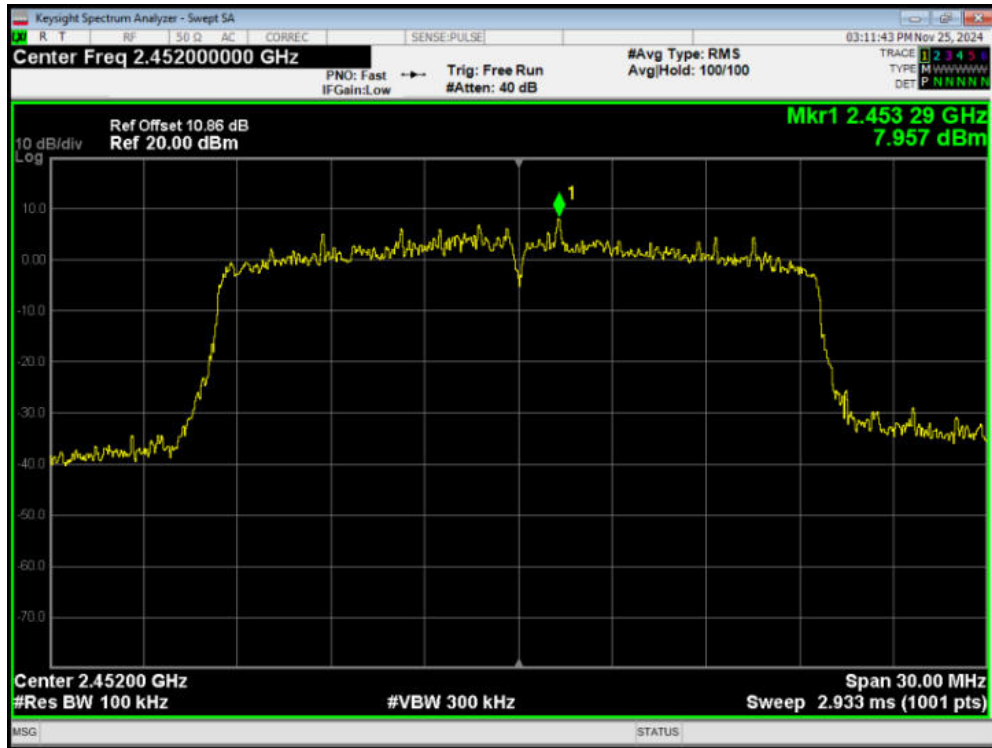
Band Edge 802.11ax(HE20) 2447MHzRef



Band Edge 802.11ax(HE20) 2447MHzEmission



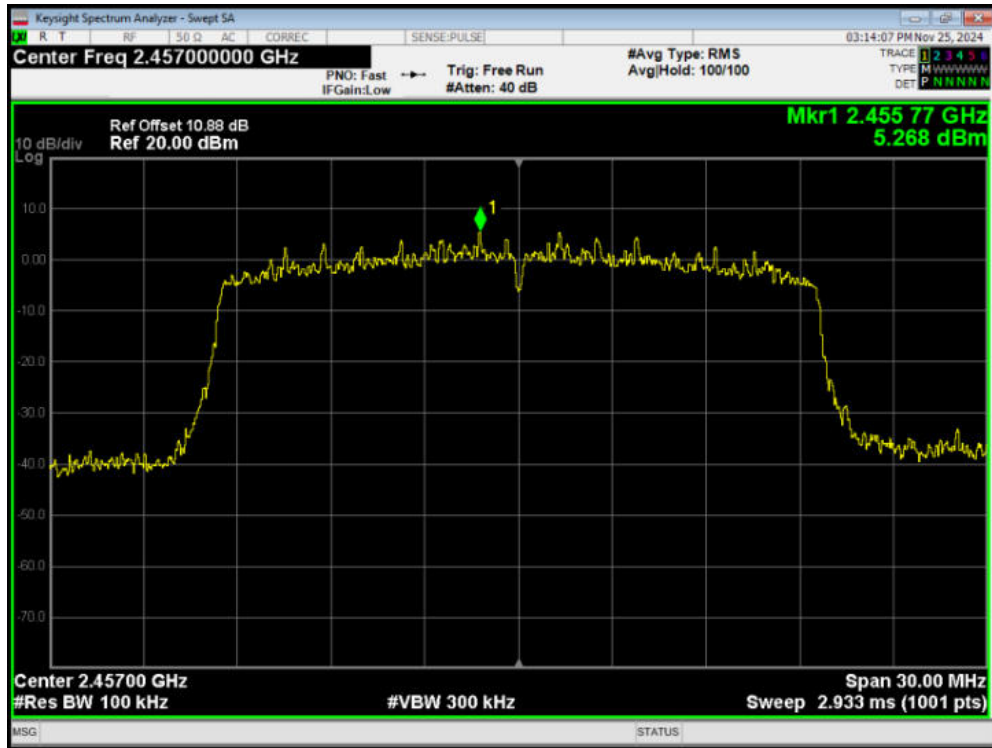
Band Edge 802.11ax(HE20) 2452MHzRef



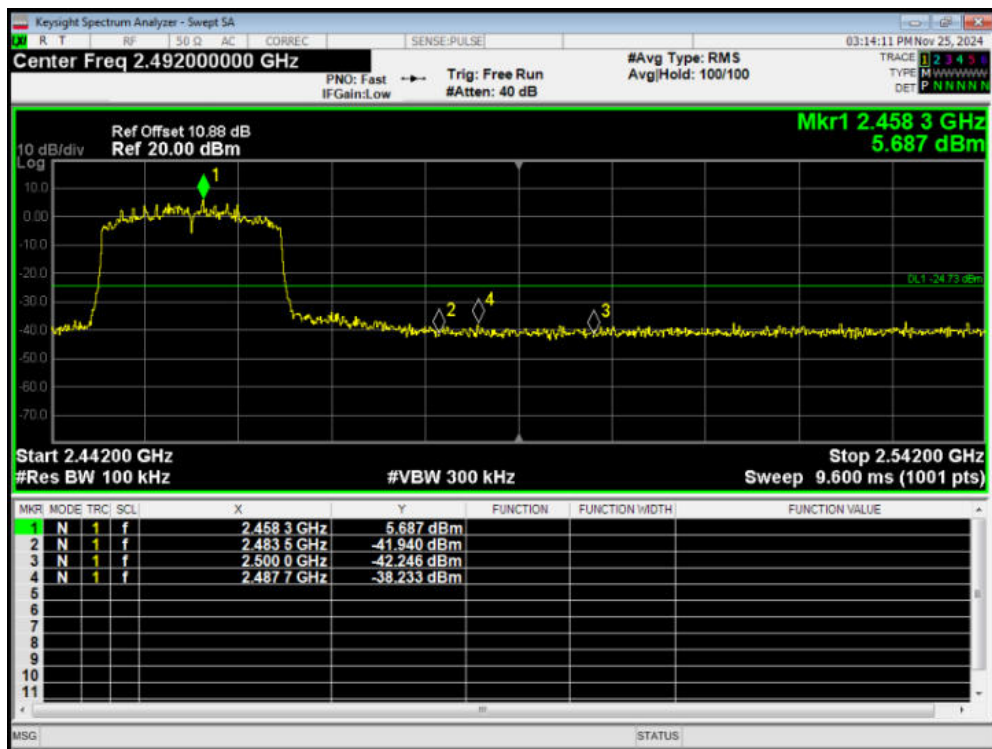
Band Edge 802.11ax(HE20) 2452MHzEmission



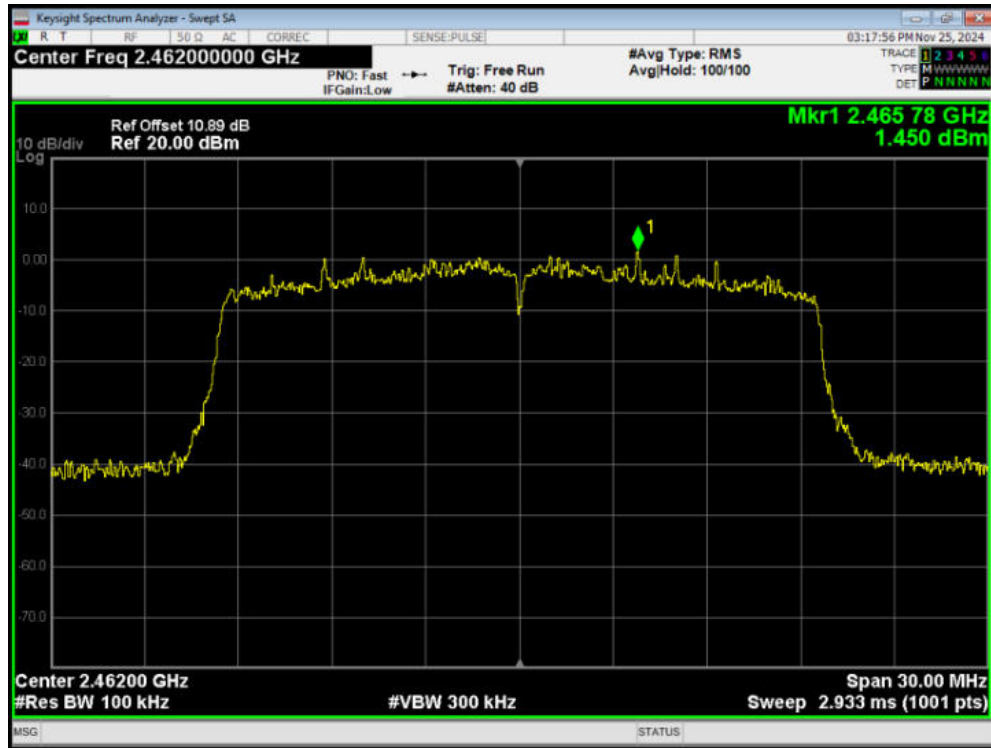
Band Edge 802.11ax(HE20) 2457MHzRef



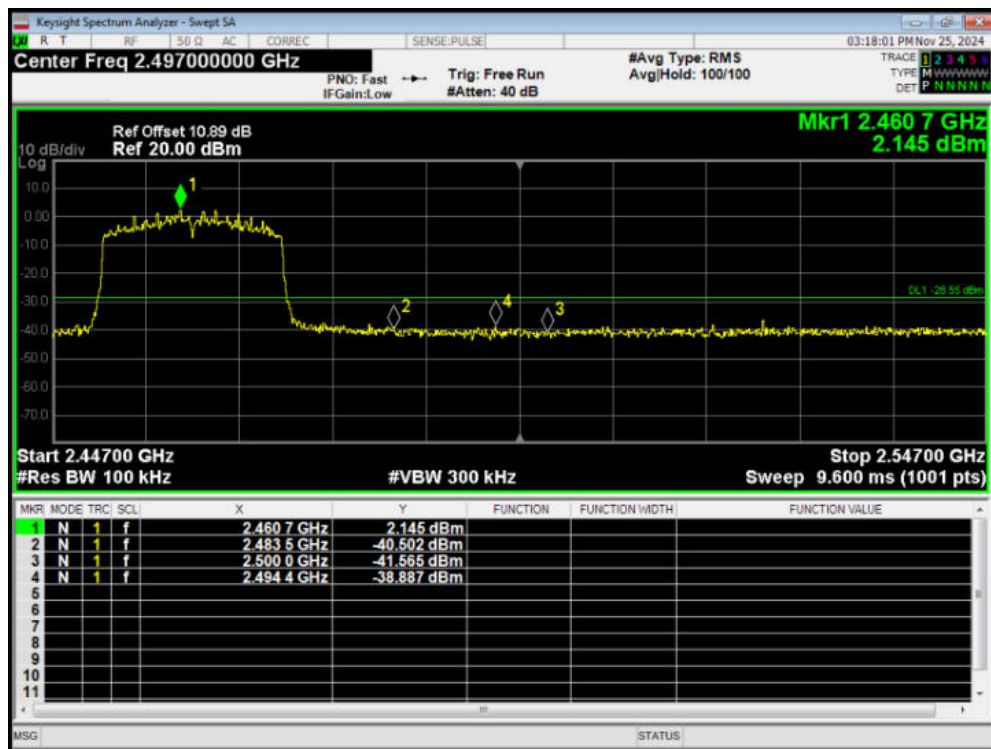
Band Edge 802.11ax(HE20) 2457MHzEmission



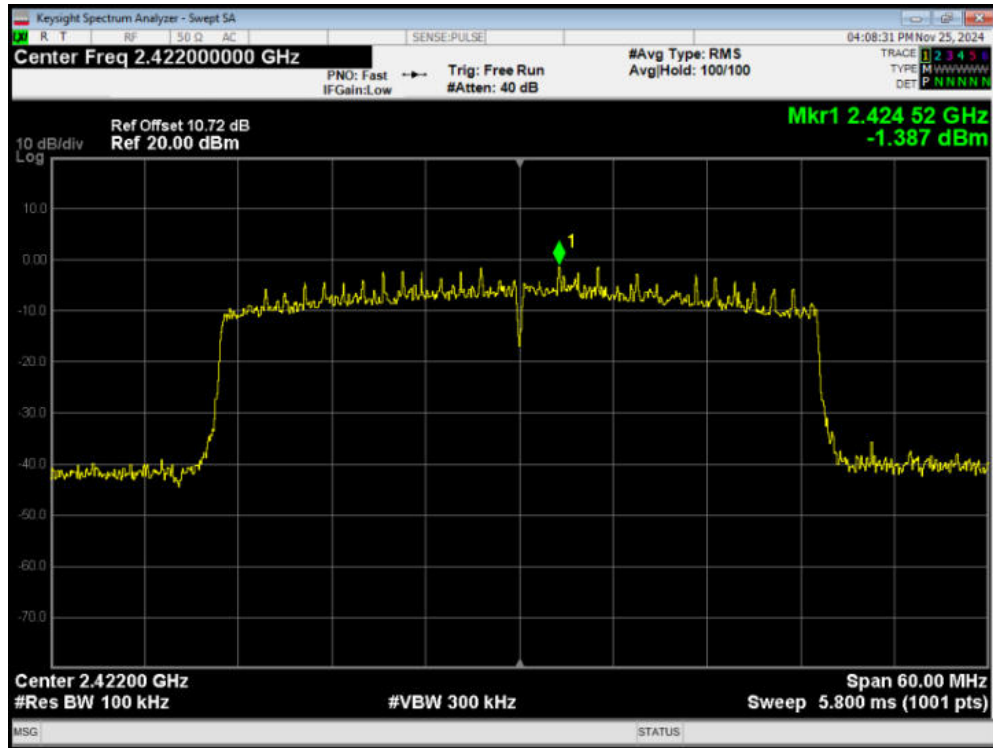
Band Edge 802.11ax(HE20) 2462MHzRef



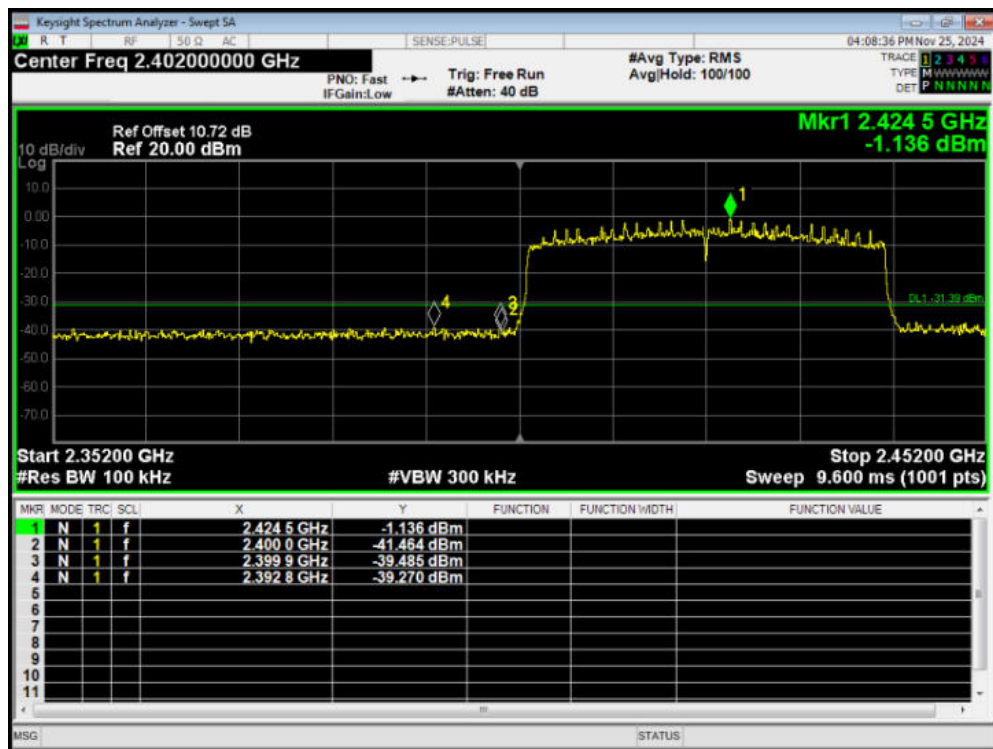
Band Edge 802.11ax(HE20) 2462MHzEmission



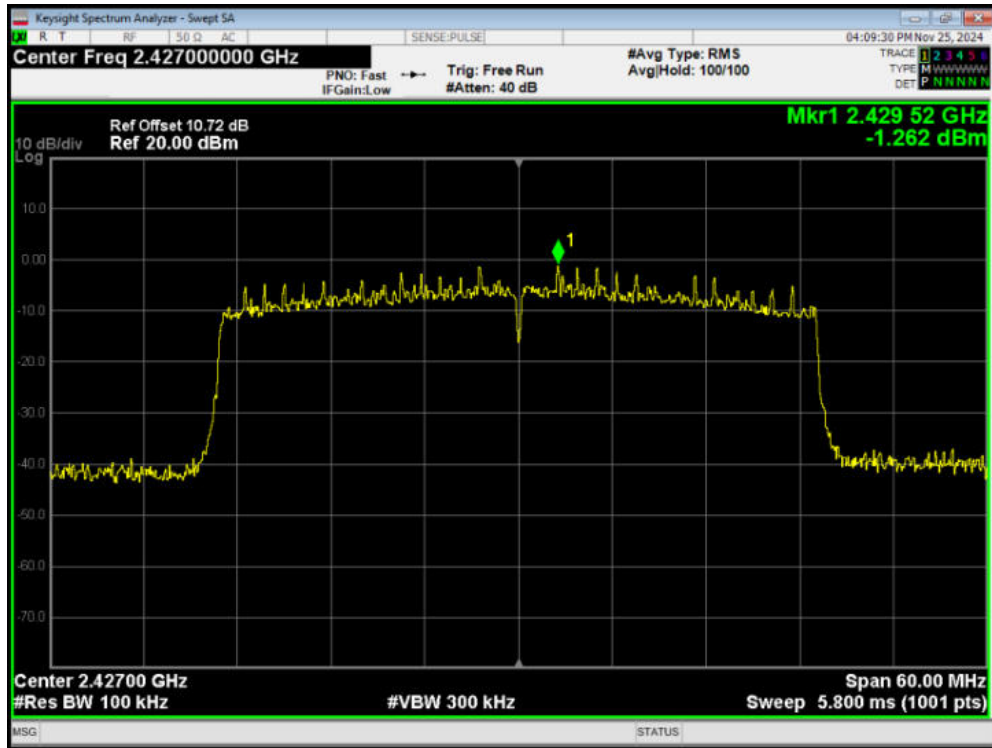
Band Edge 802.11ax(HE40) 2422MHzRef



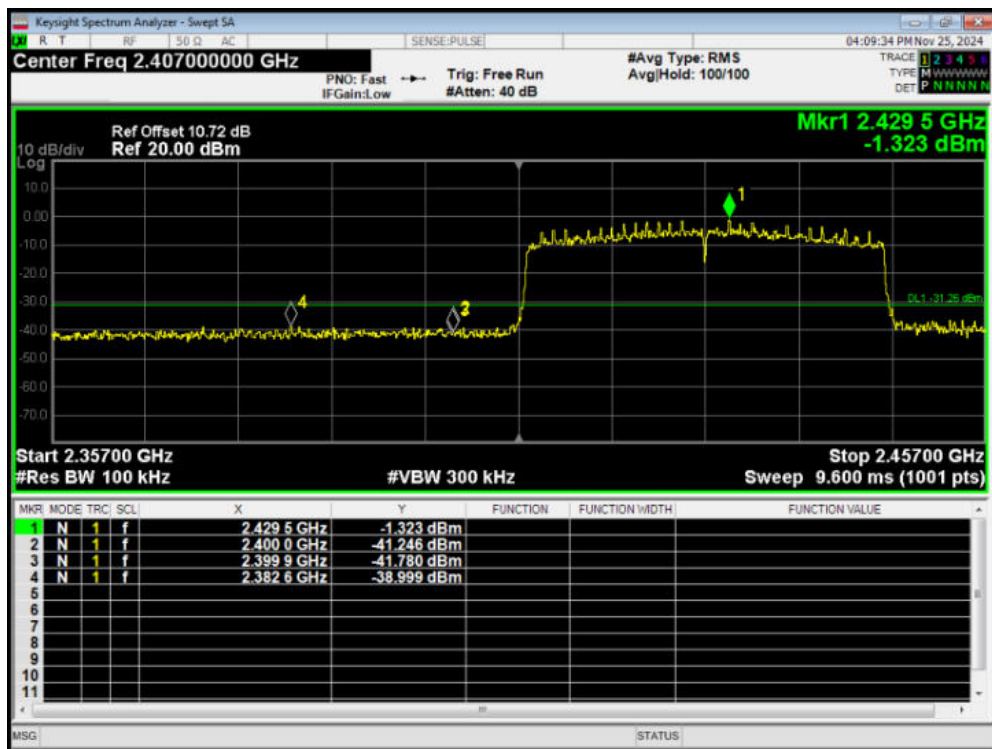
Band Edge 802.11ax(HE40) 2422MHzEmission



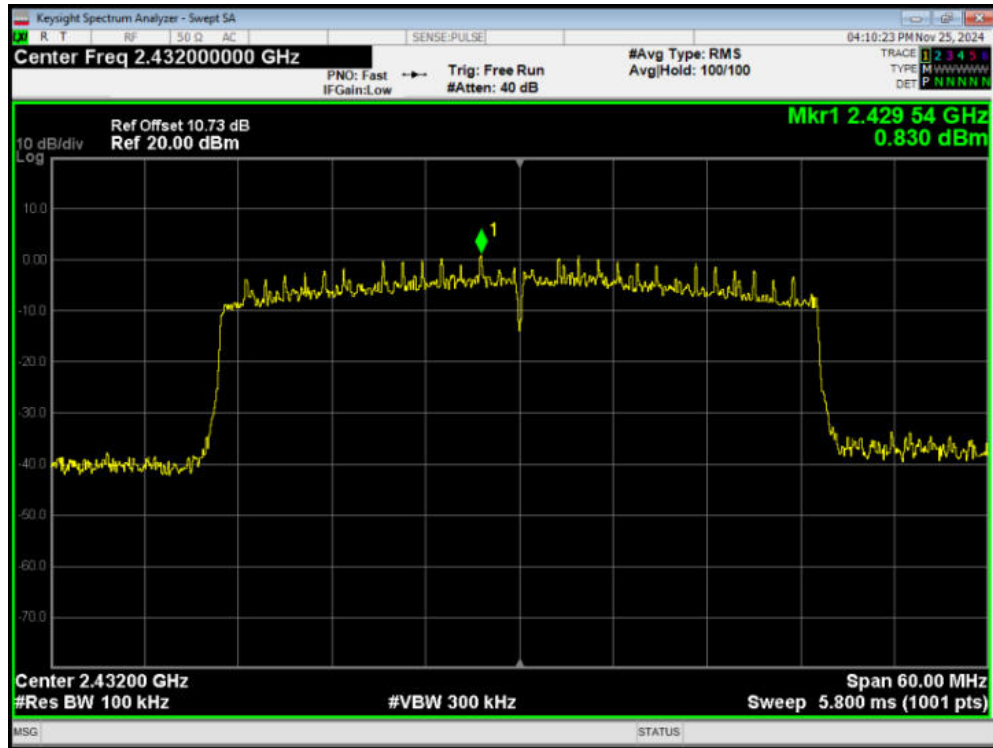
Band Edge 802.11ax(HE40) 2427MHzRef



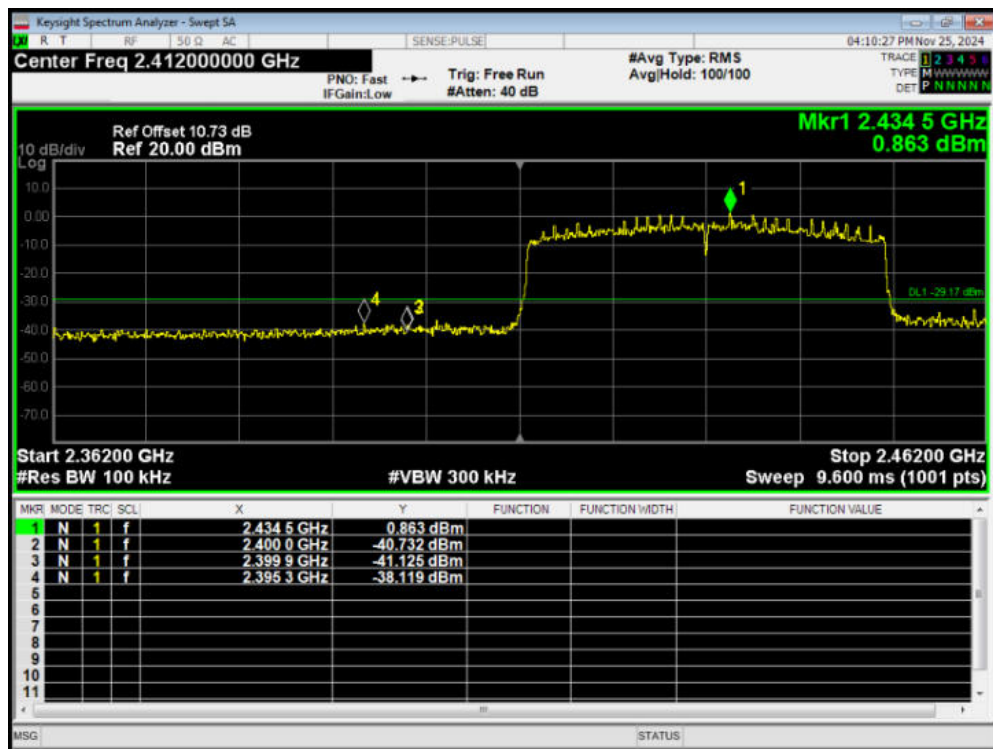
Band Edge 802.11ax(HE40) 2427MHzEmission



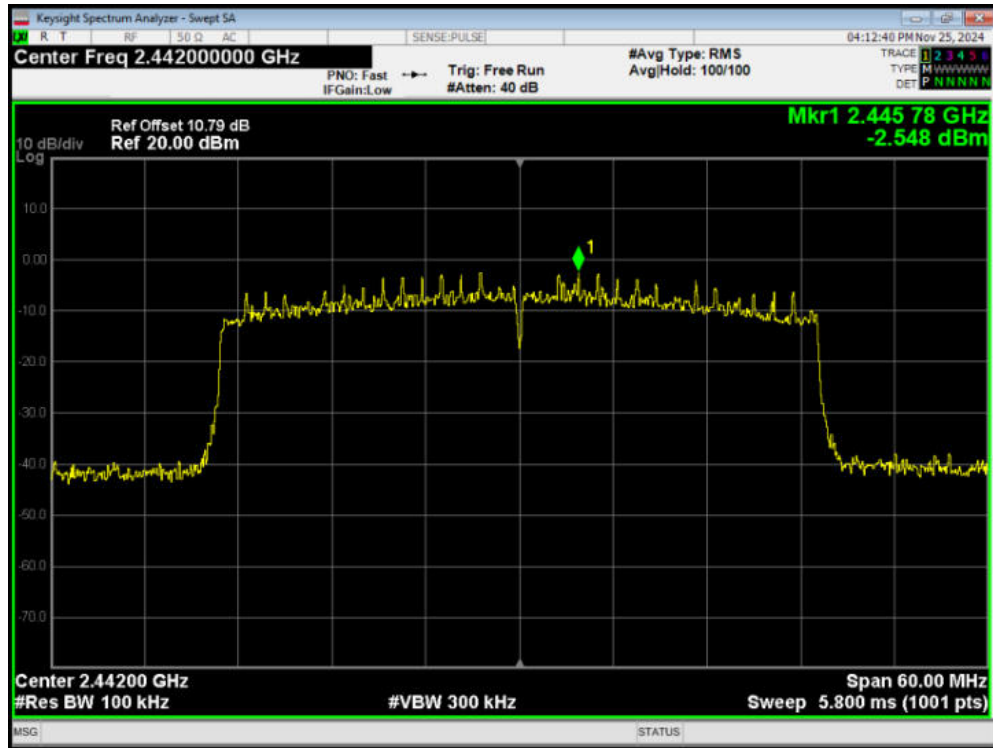
Band Edge 802.11ax(HE40) 2432MHzRef



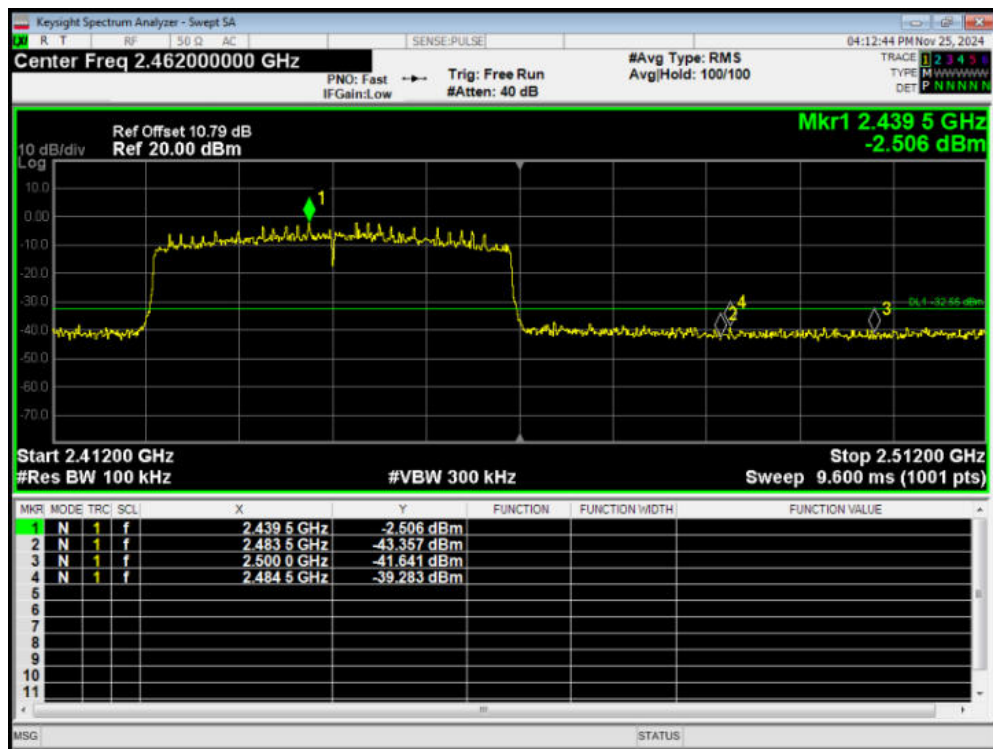
Band Edge 802.11ax(HE40) 2432MHzEmission



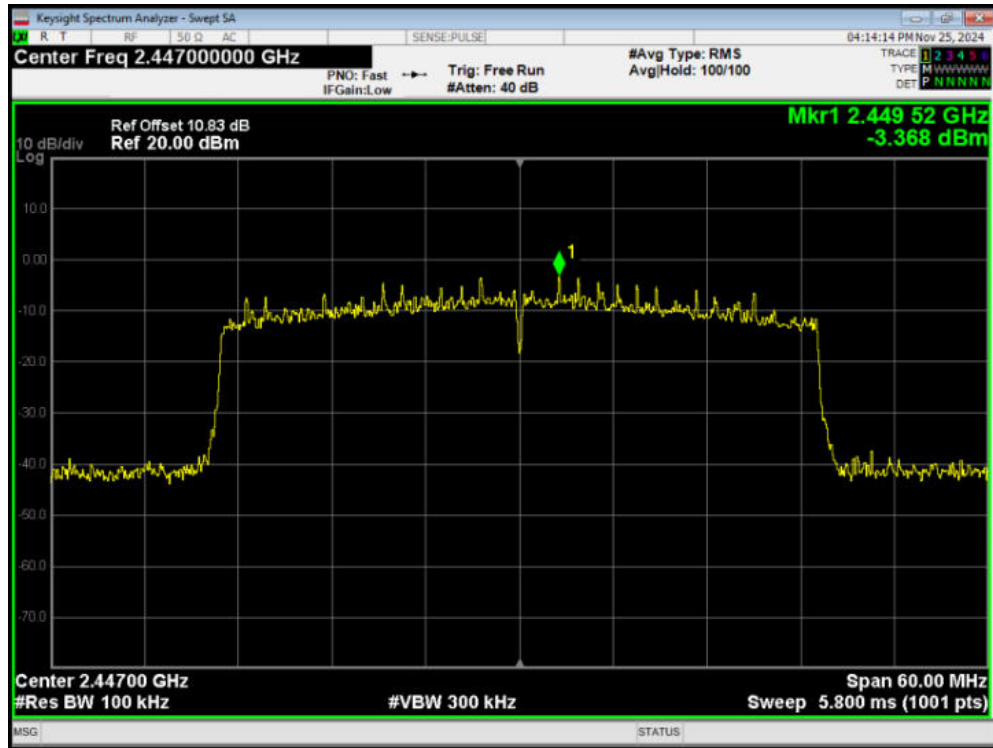
Band Edge 802.11ax(HE40) 2442MHzRef



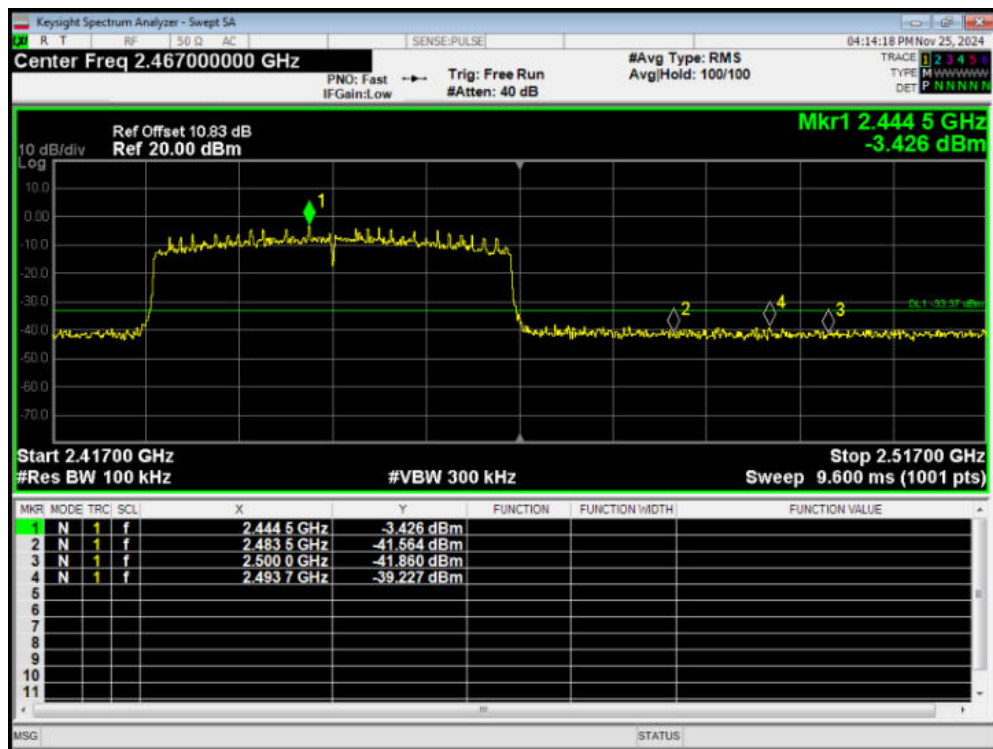
Band Edge 802.11ax(HE40) 2442MHzEmission



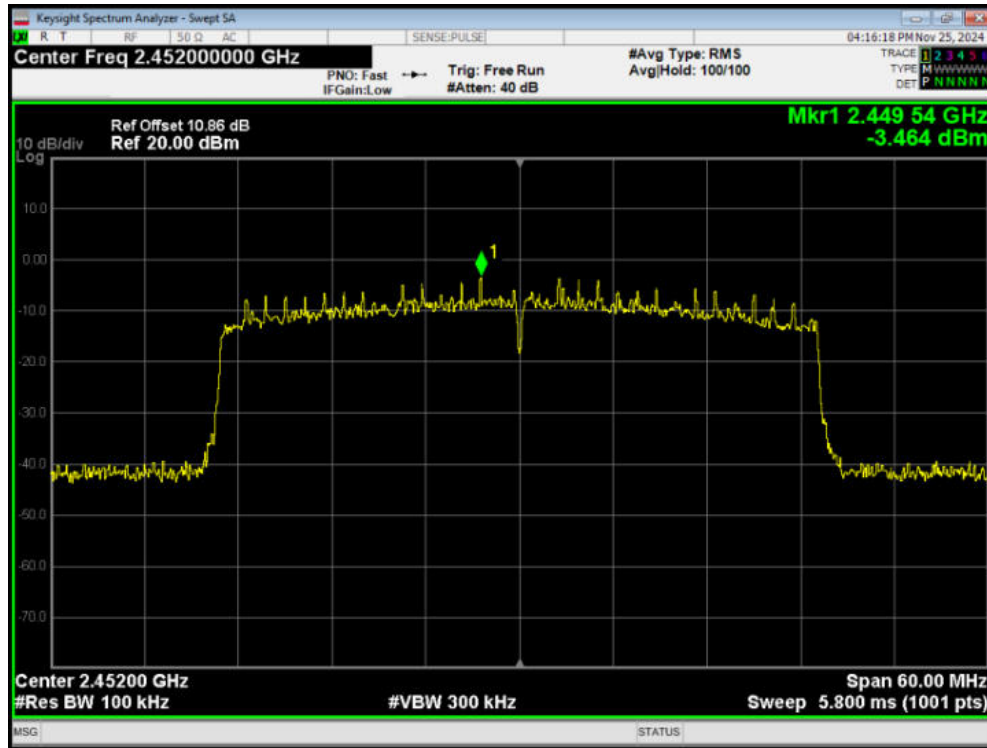
Band Edge 802.11ax(HE40) 2447MHzRef



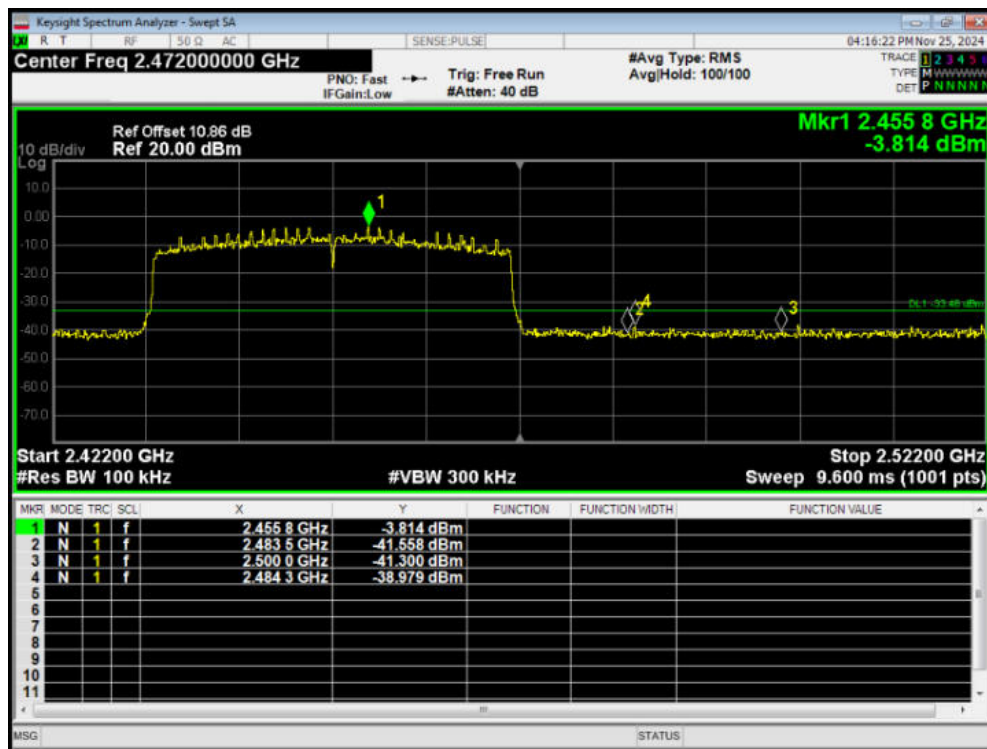
Band Edge 802.11ax(HE40) 2447MHzEmission



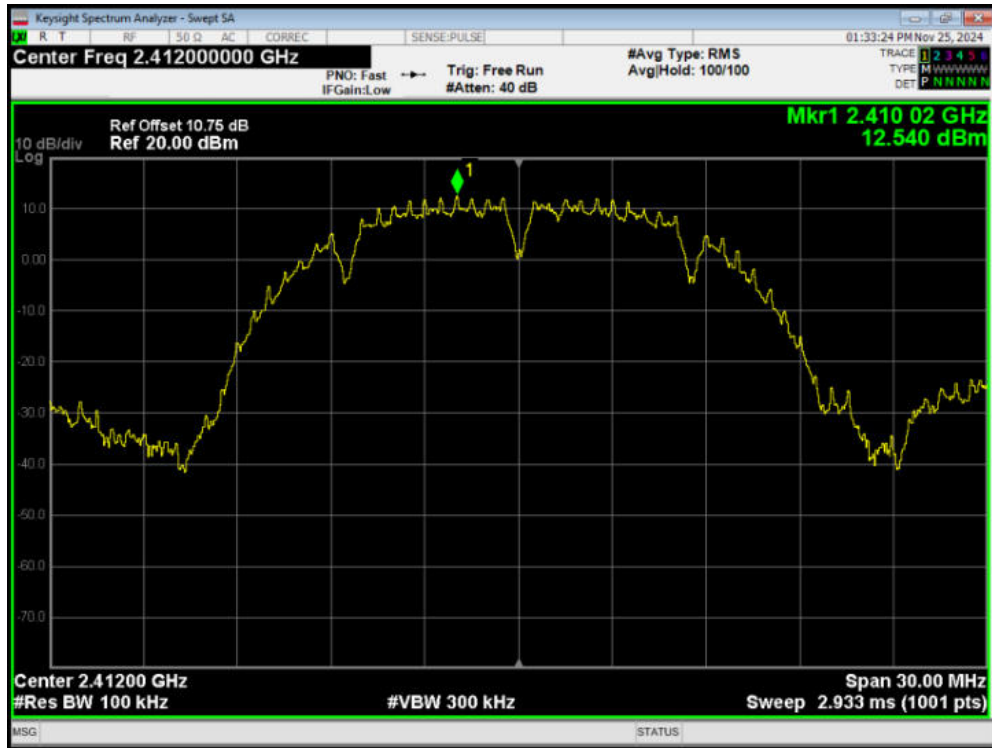
Band Edge 802.11ax(HE40) 2452MHzRef



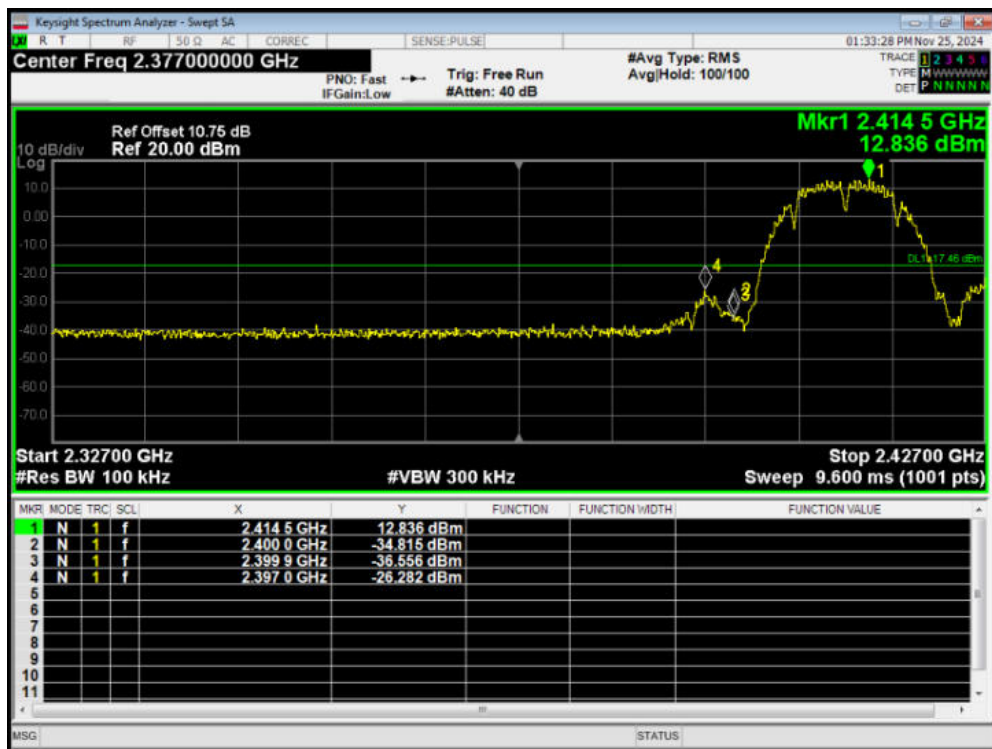
Band Edge 802.11ax(HE40) 2452MHzEmission



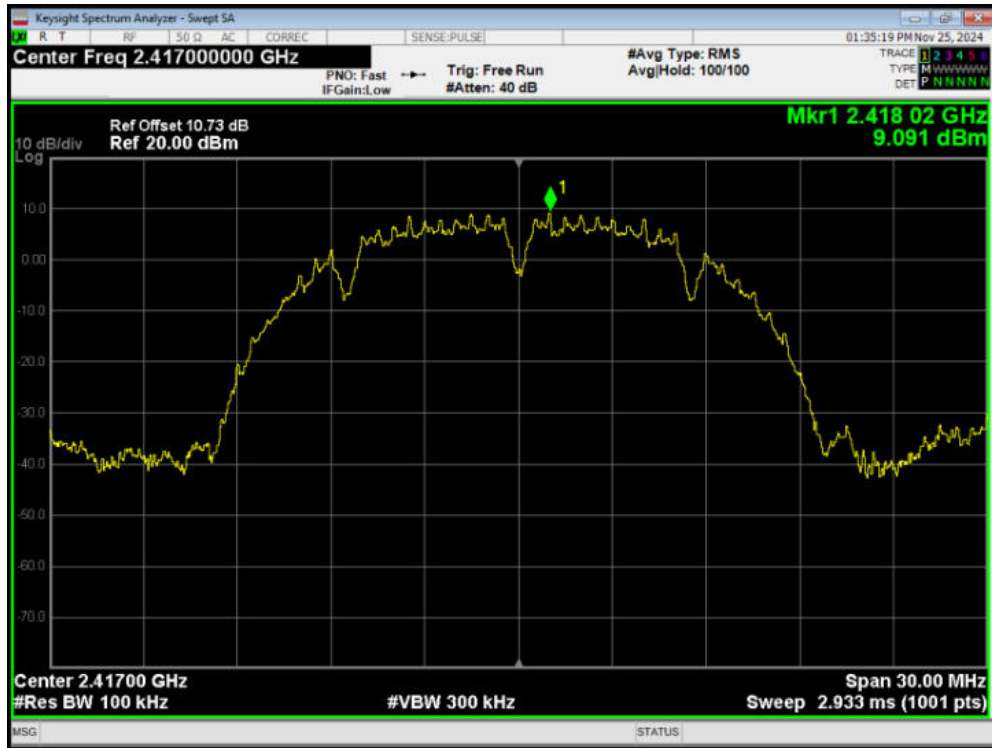
Band Edge 802.11b 2412MHzRef



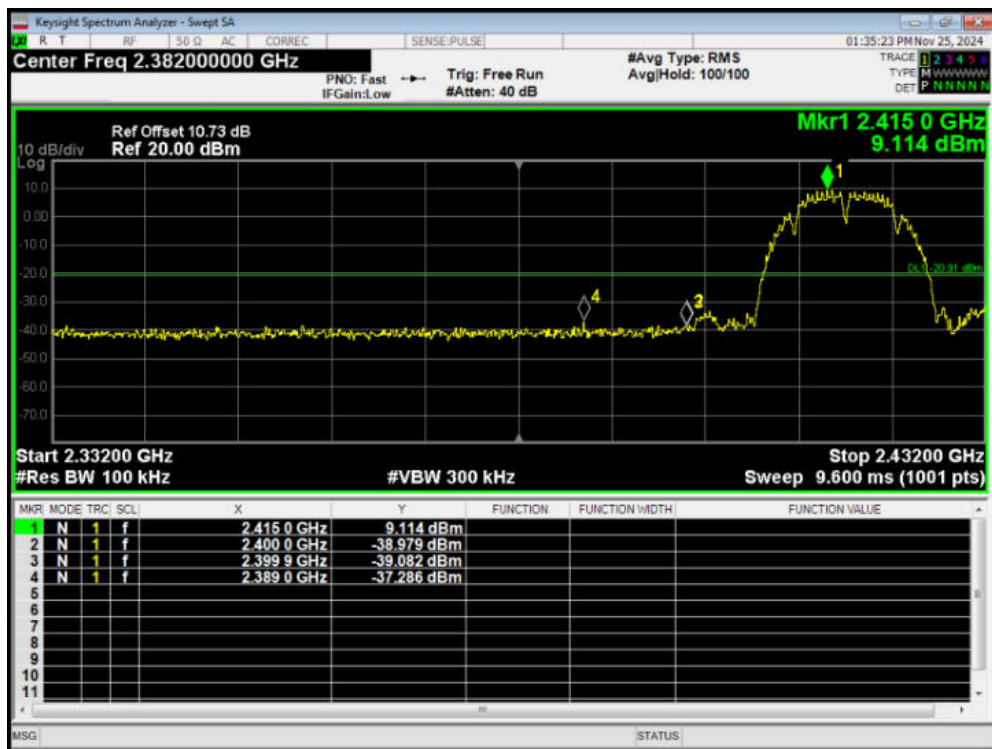
Band Edge 802.11b 2412MHzEmission



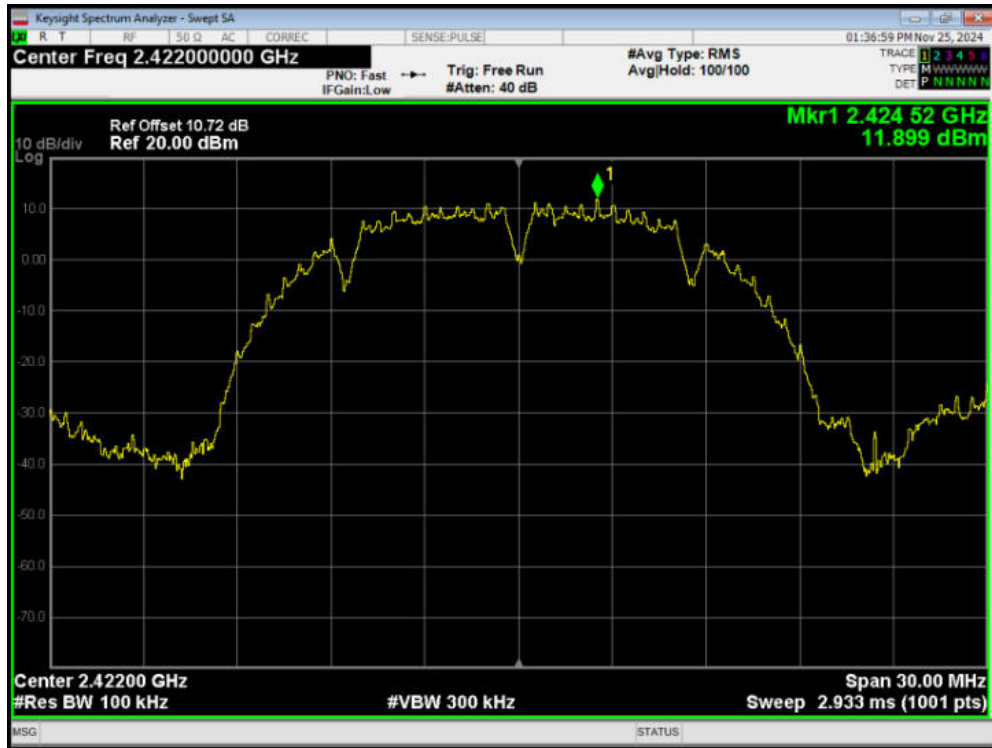
Band Edge 802.11b 2417MHzRef



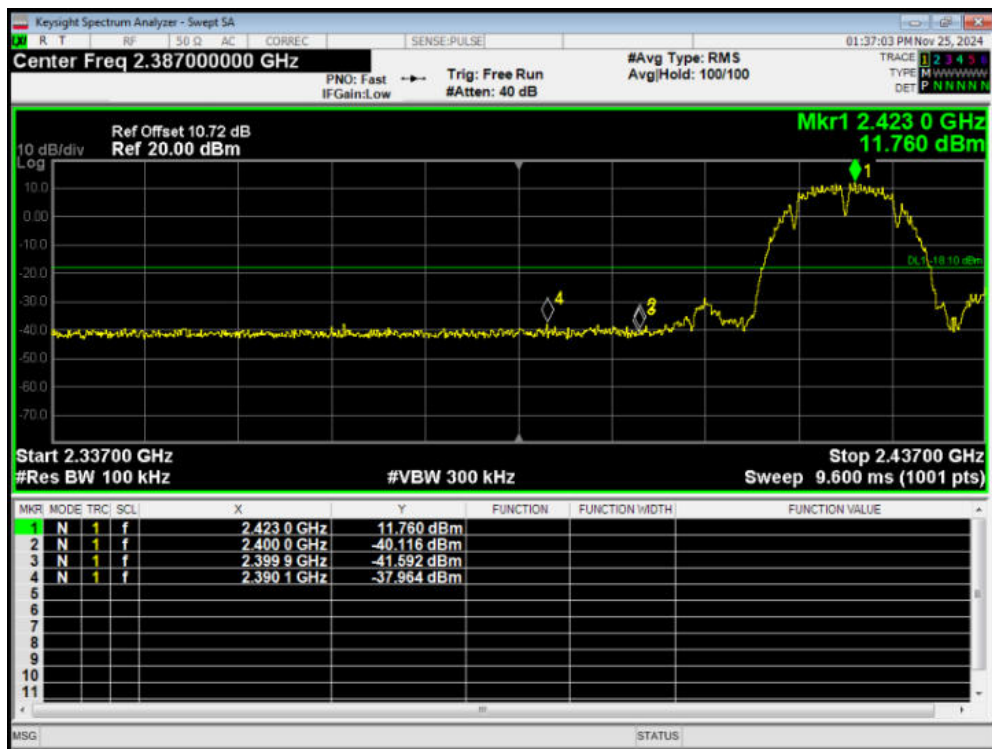
Band Edge 802.11b 2417MHzEmission



Band Edge 802.11b 2422MHzRef



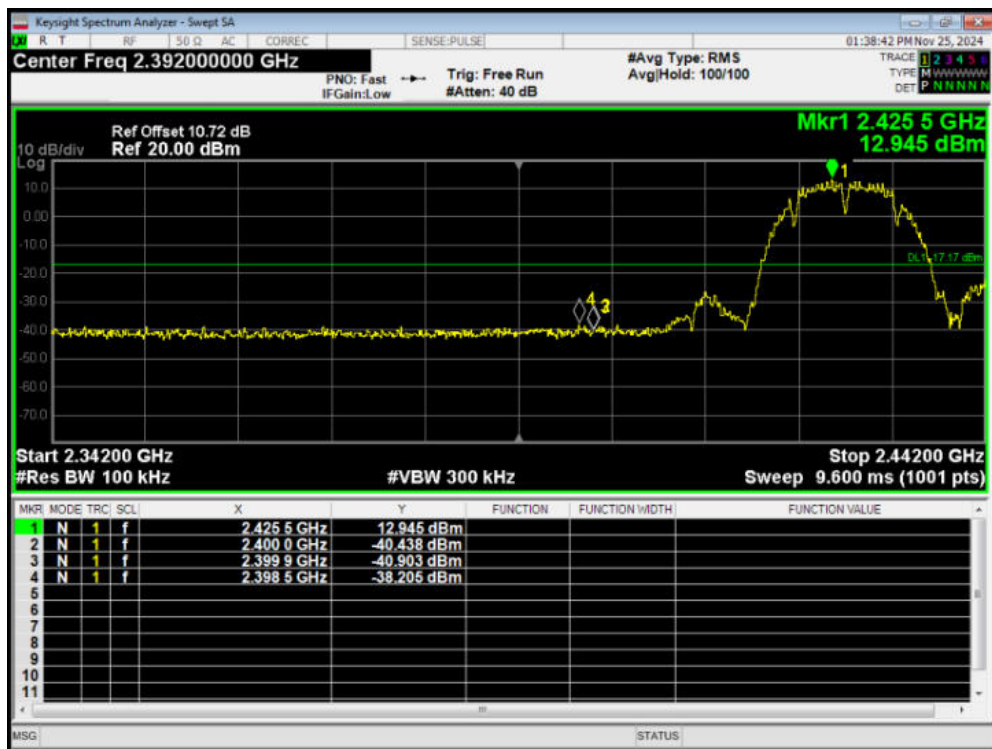
Band Edge 802.11b 2422MHzEmission



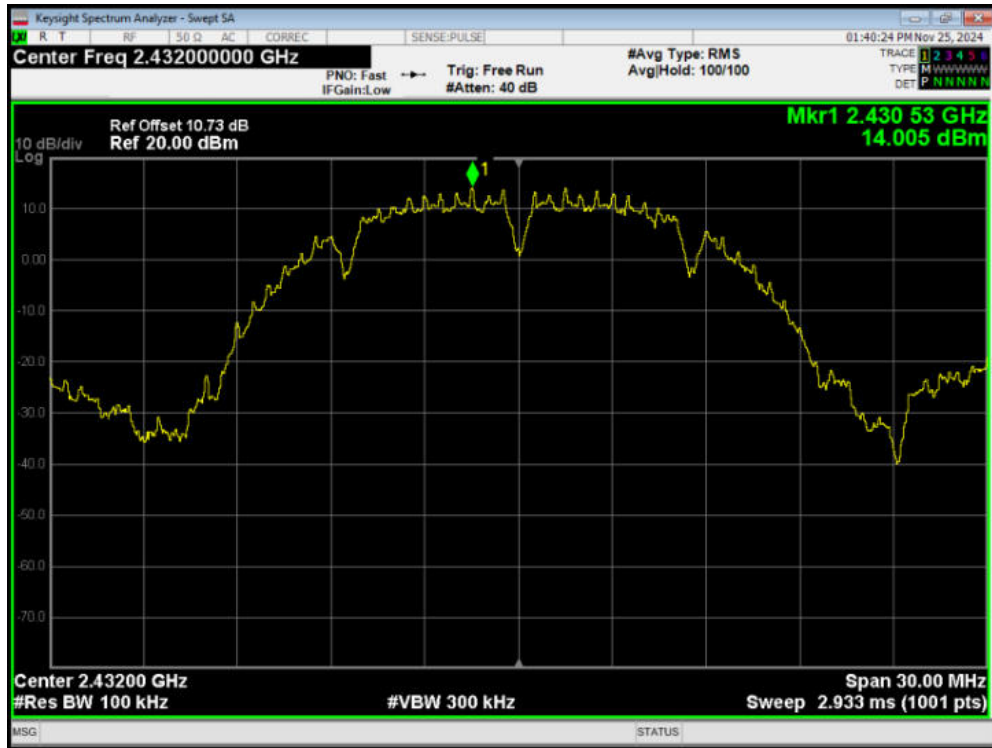
Band Edge 802.11b 2427MHzRef



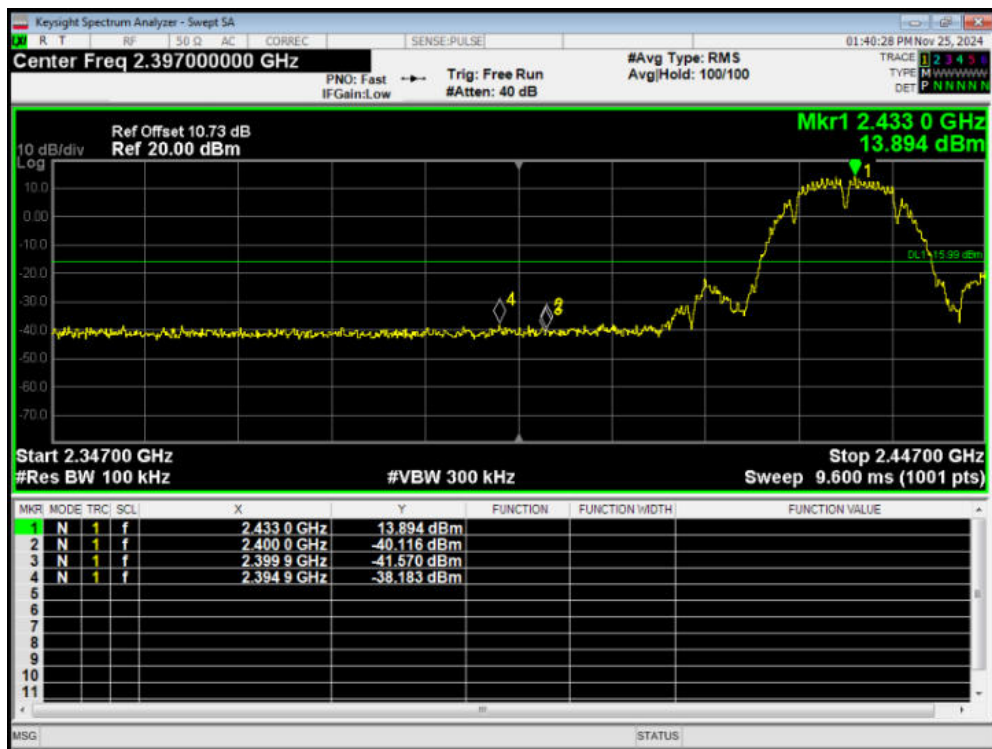
Band Edge 802.11b 2427MHzEmission



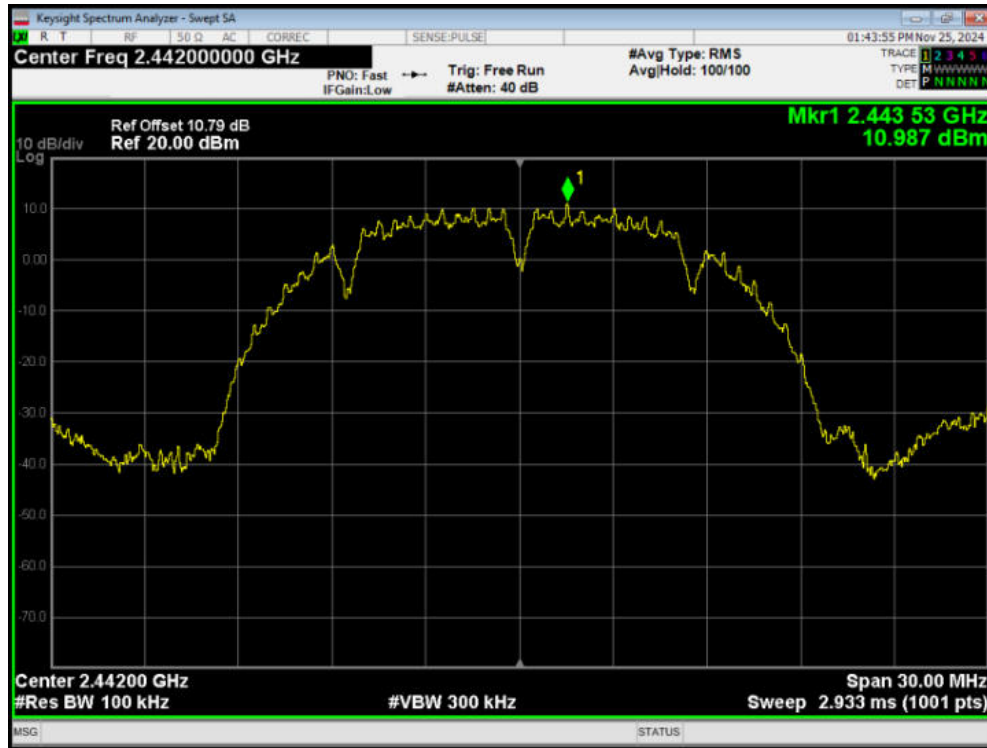
Band Edge 802.11b 2432MHzRef



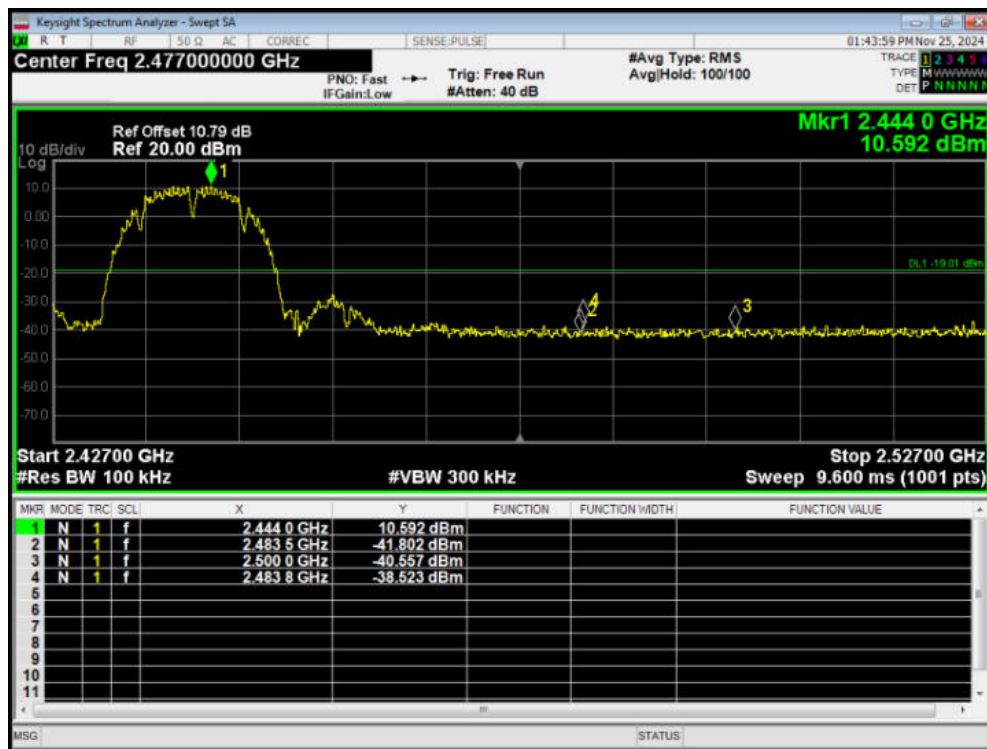
Band Edge 802.11b 2432MHzEmission



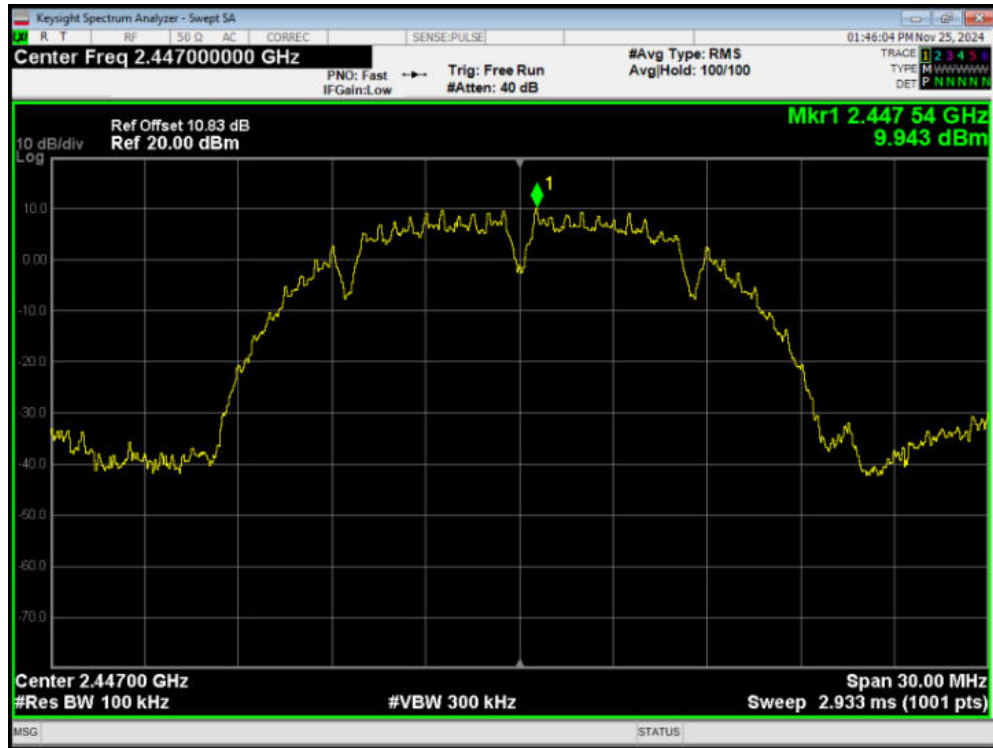
Band Edge 802.11b 2442MHzRef



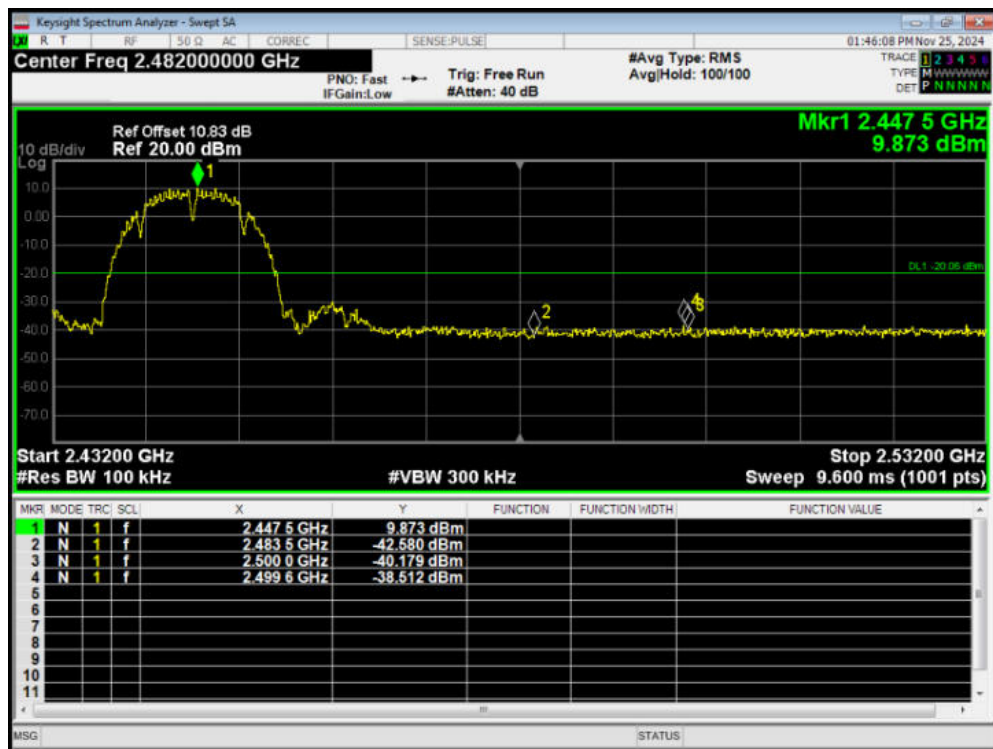
Band Edge 802.11b 2442MHzEmission



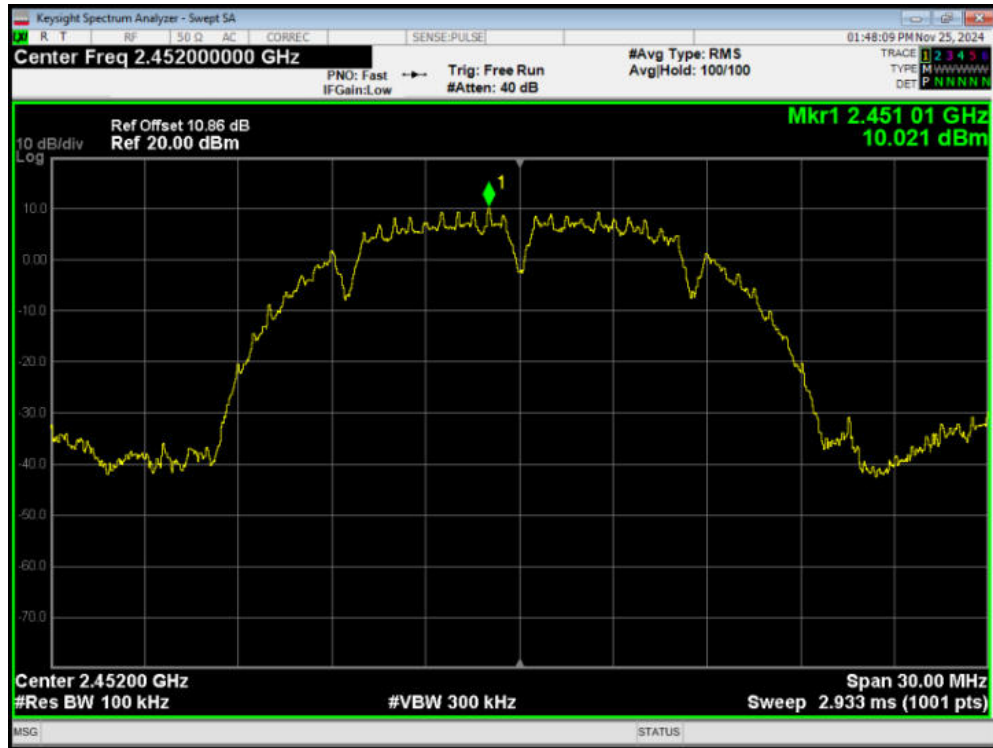
Band Edge 802.11b 2447MHzRef



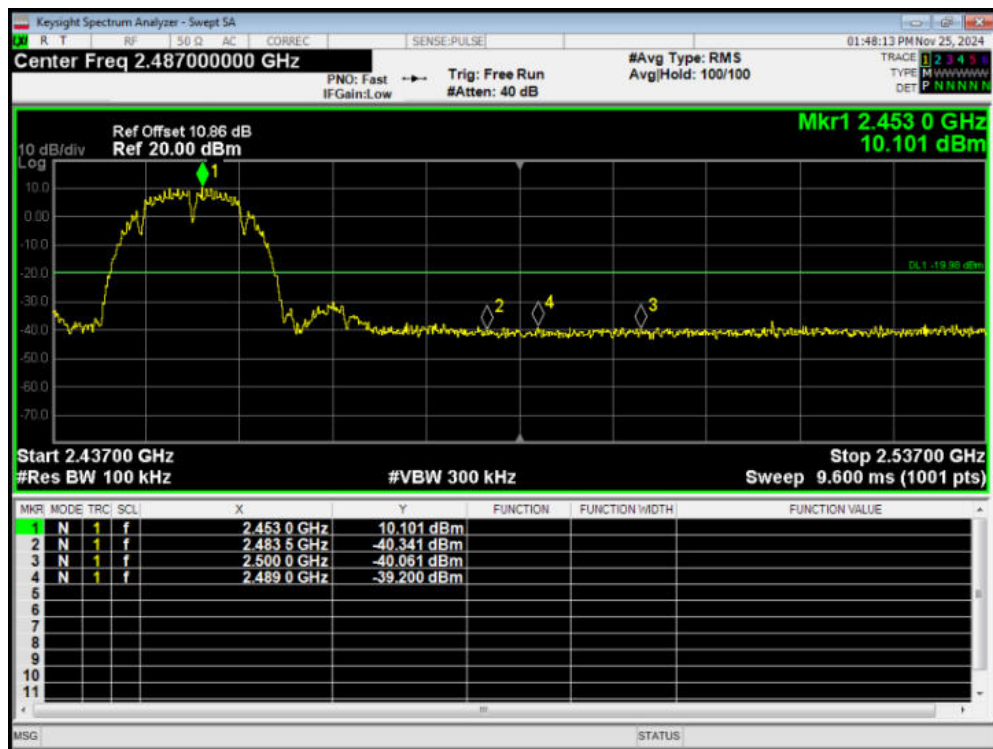
Band Edge 802.11b 2447MHzEmission



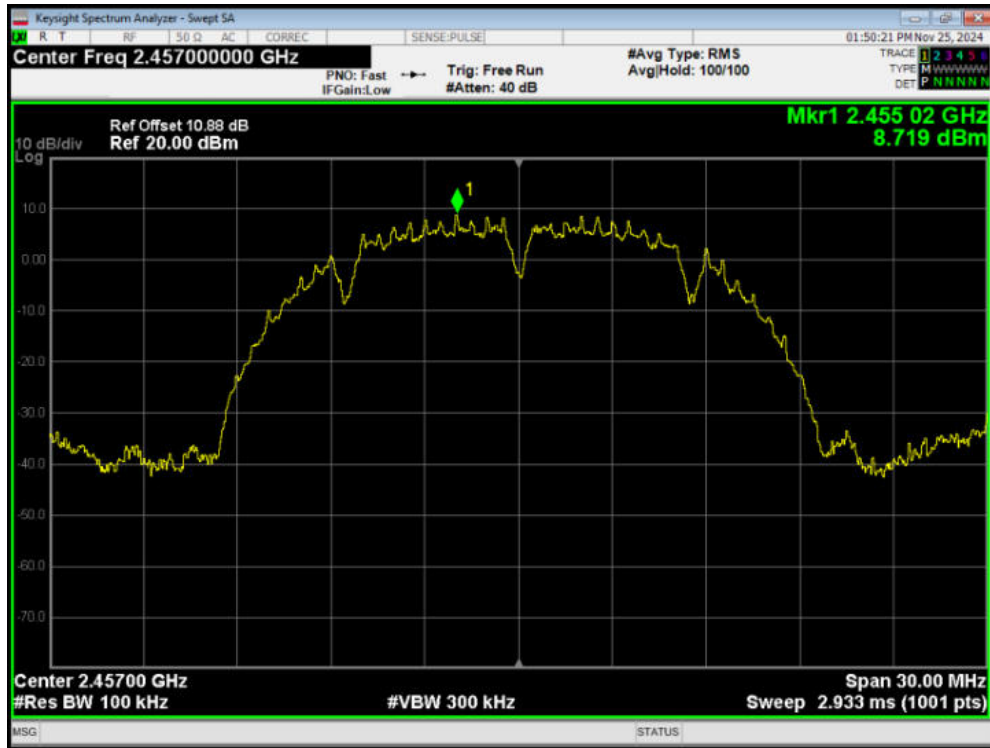
Band Edge 802.11b 2452MHzRef



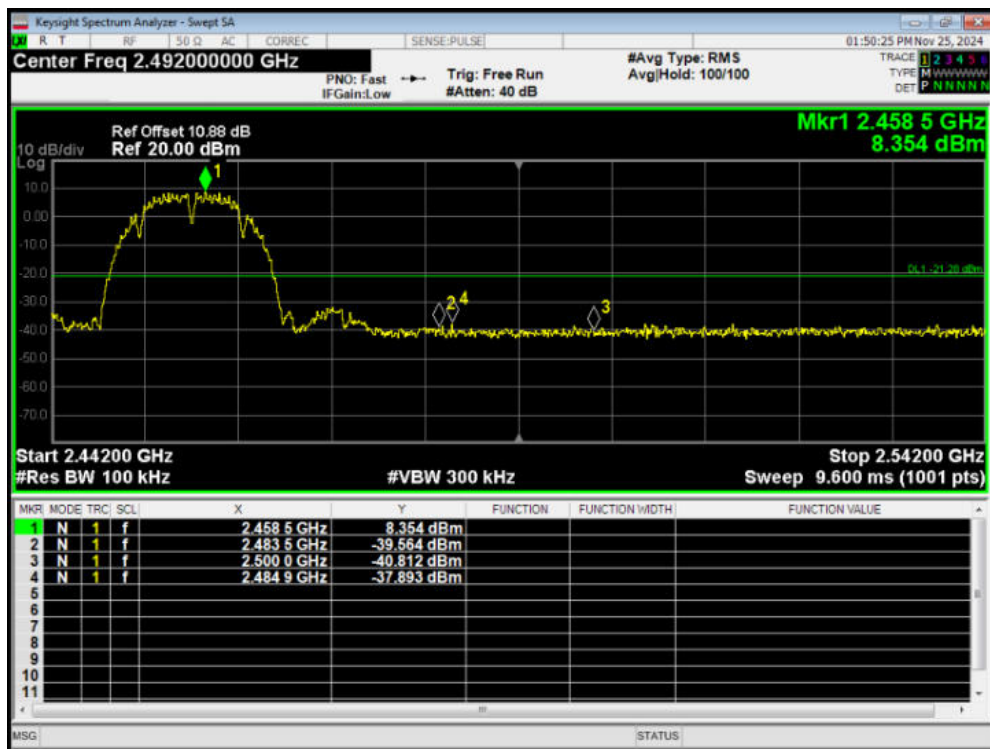
Band Edge 802.11b 2452MHzEmission



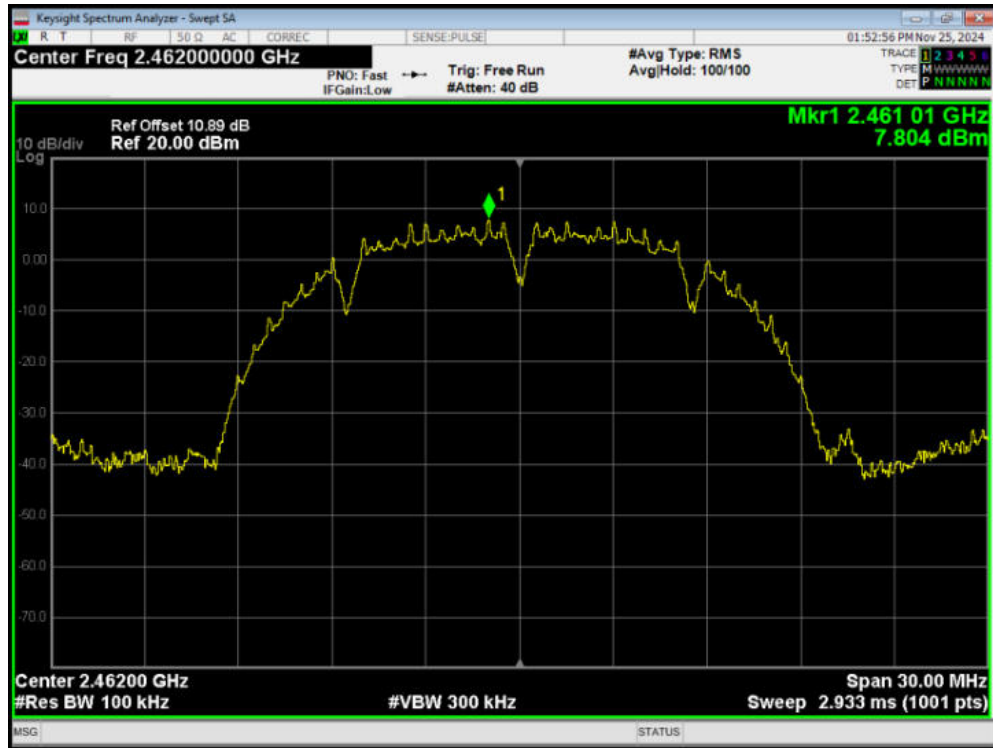
Band Edge 802.11b 2457MHzRef



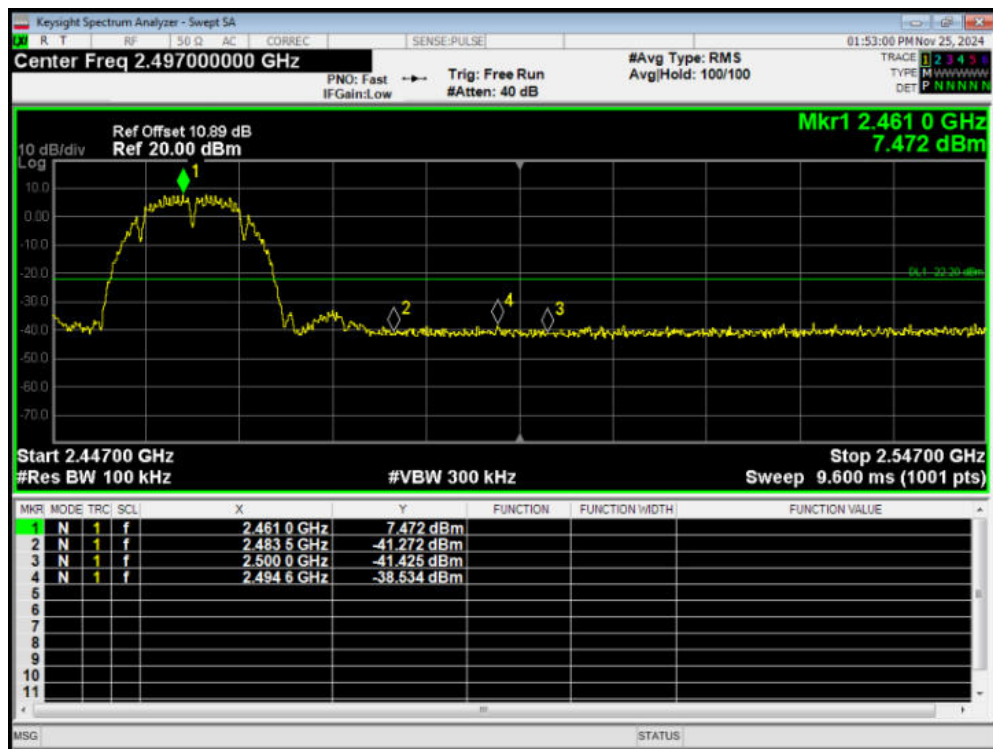
Band Edge 802.11b 2457MHzEmission



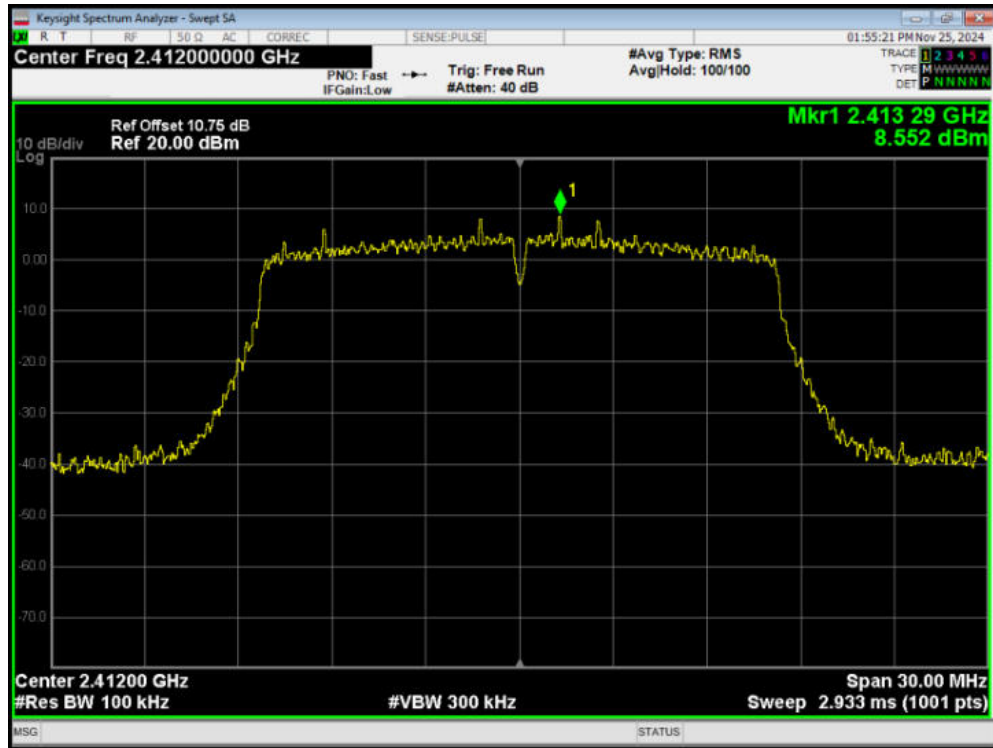
Band Edge 802.11b 2462MHzRef



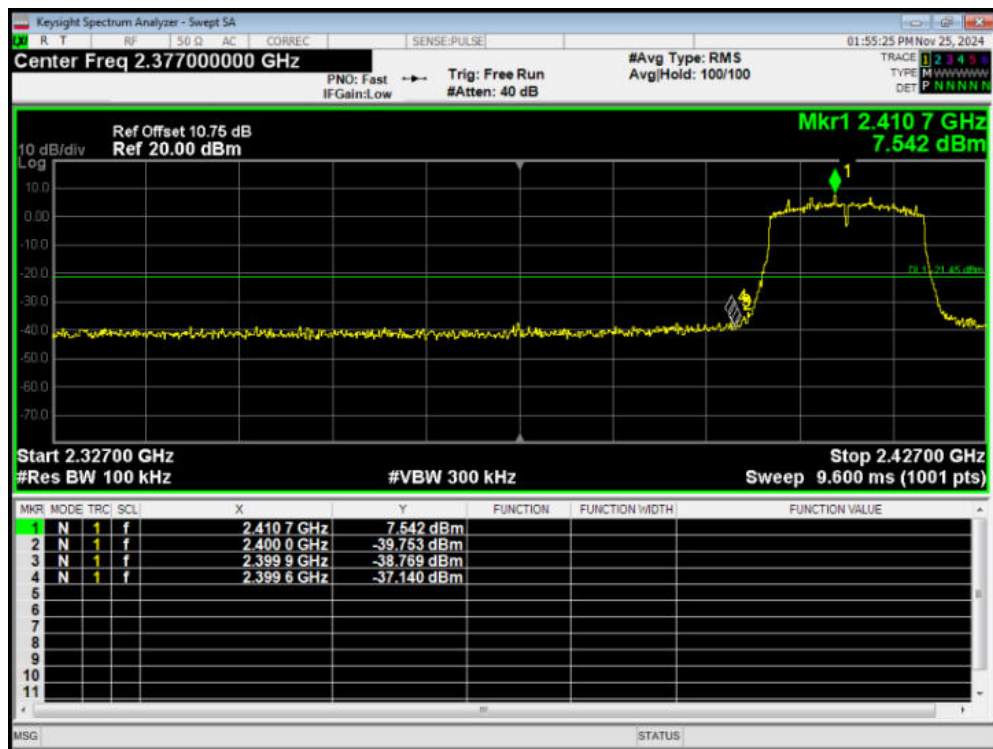
Band Edge 802.11b 2462MHzEmission



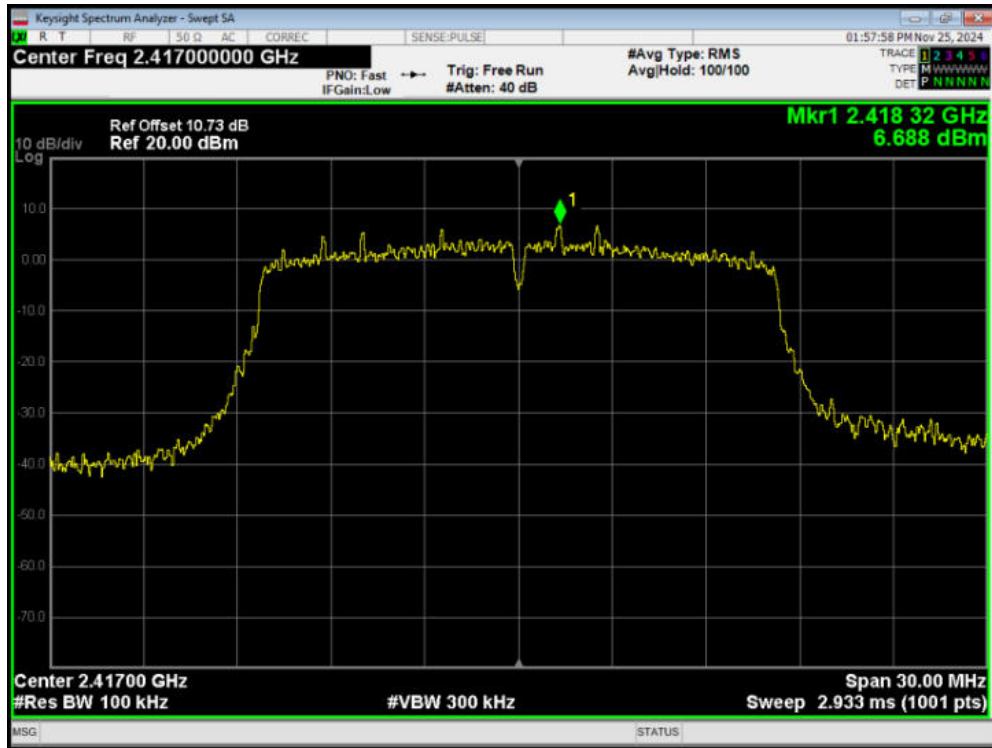
Band Edge 802.11g 2412MHzRef



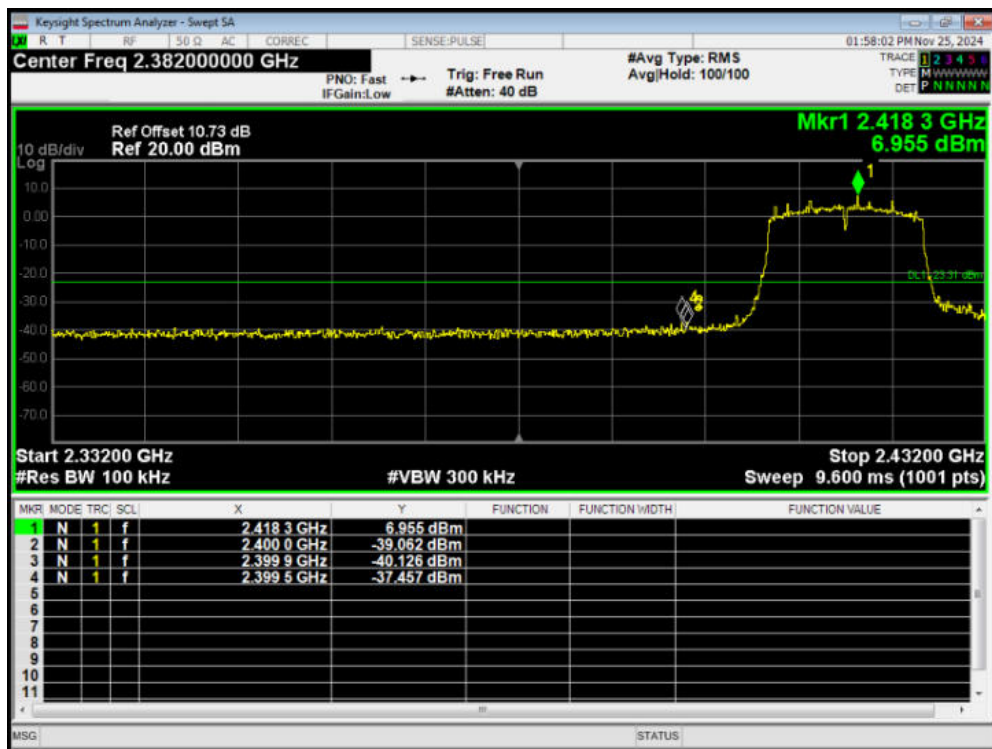
Band Edge 802.11g 2412MHzEmission



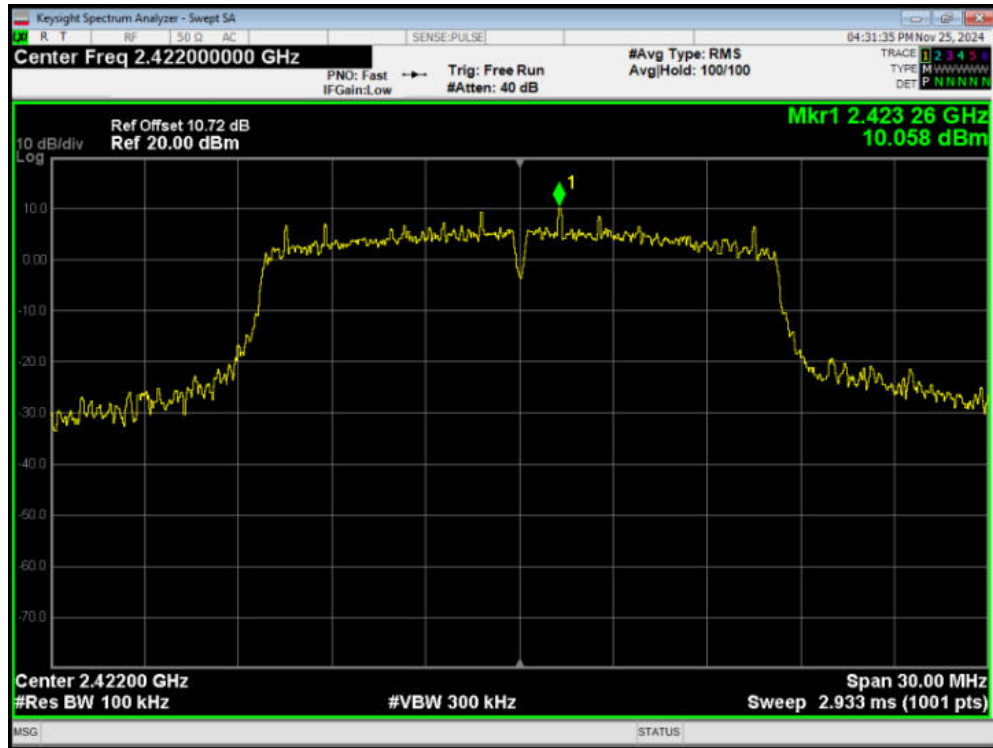
Band Edge 802.11g 2417MHzRef



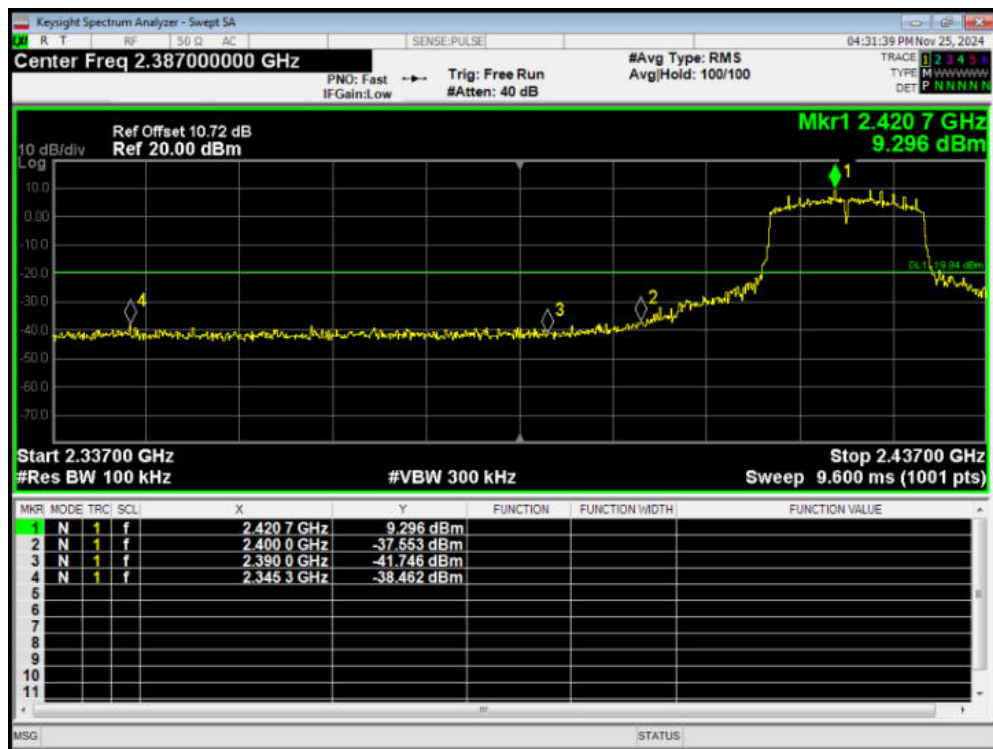
Band Edge 802.11g 2417MHzEmission



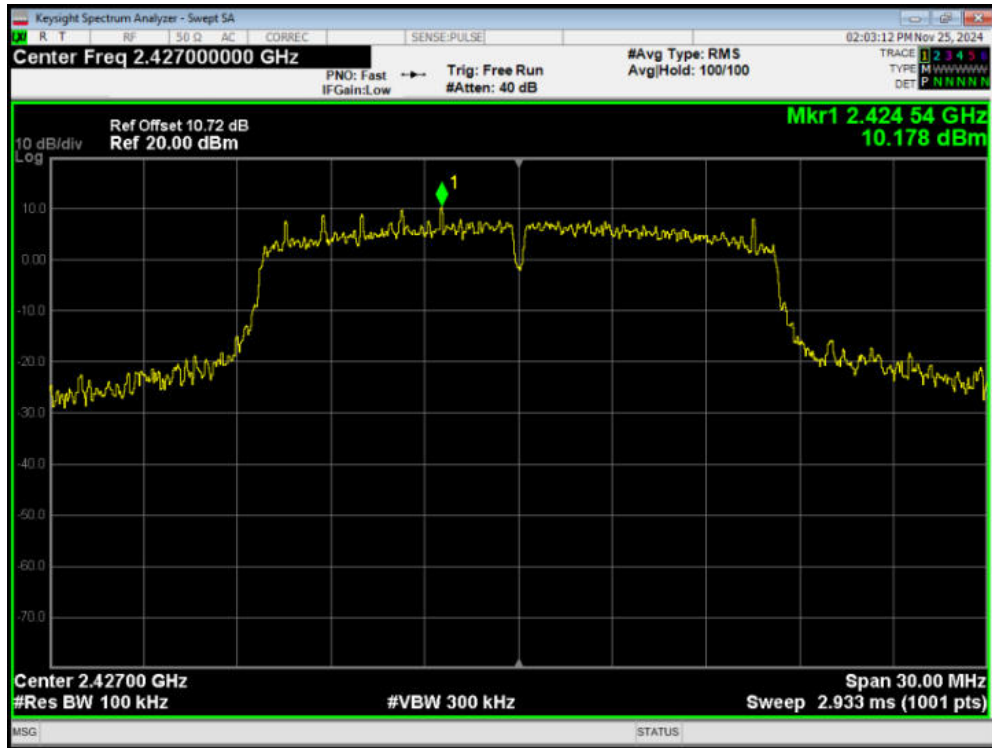
Band Edge 802.11g 2422MHzRef



Band Edge 802.11g 2422MHzEmission



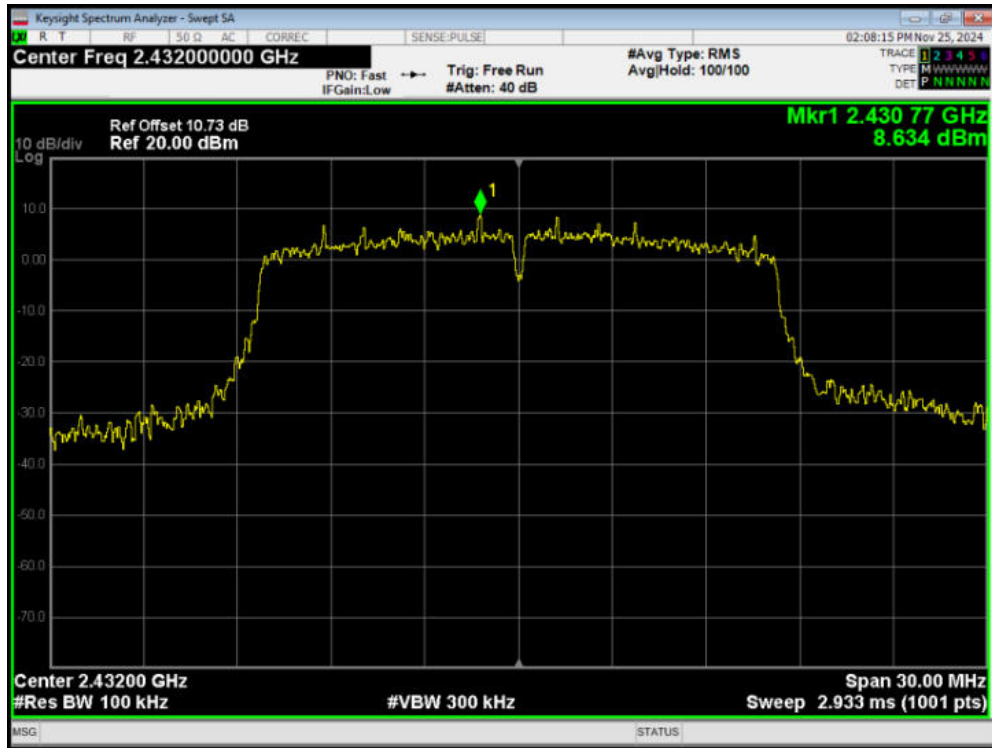
Band Edge 802.11g 2427MHzRef



Band Edge 802.11g 2427MHzEmission



Band Edge 802.11g 2432MHzRef



Band Edge 802.11g 2432MHzEmission

