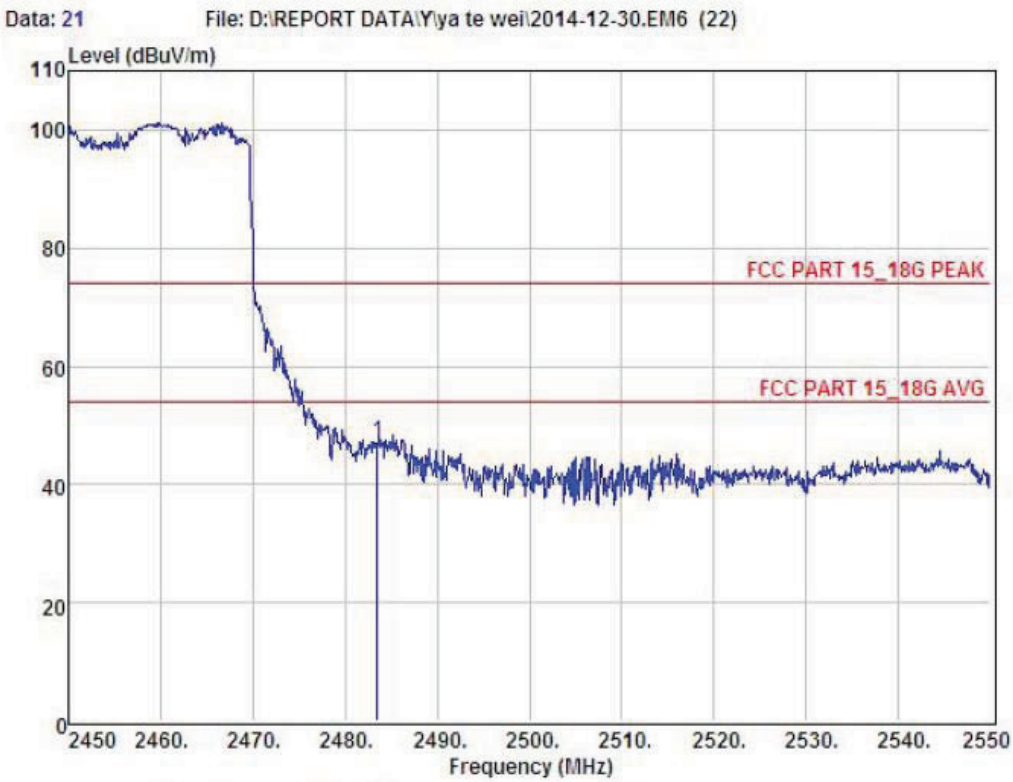
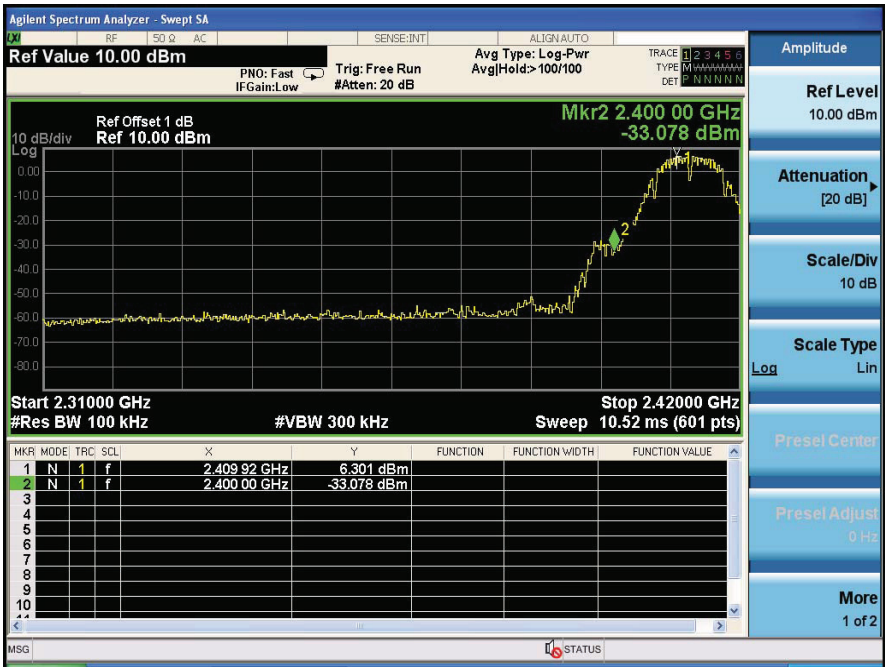


Condition : FCC PART 15_18G PEAK 3m POL: VERTICAL
EUT :
Model No : ATRX1
Test Mode : 802.11n/HT40 High
Power : DC 5V from adapter with AC120V/60Hz
Test Engineer :
Remark :
Temp : 25.2°C
Hum : 56%

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	2483.50	50.56	27.59	34.97	4.00	47.18	74.00	-26.82	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

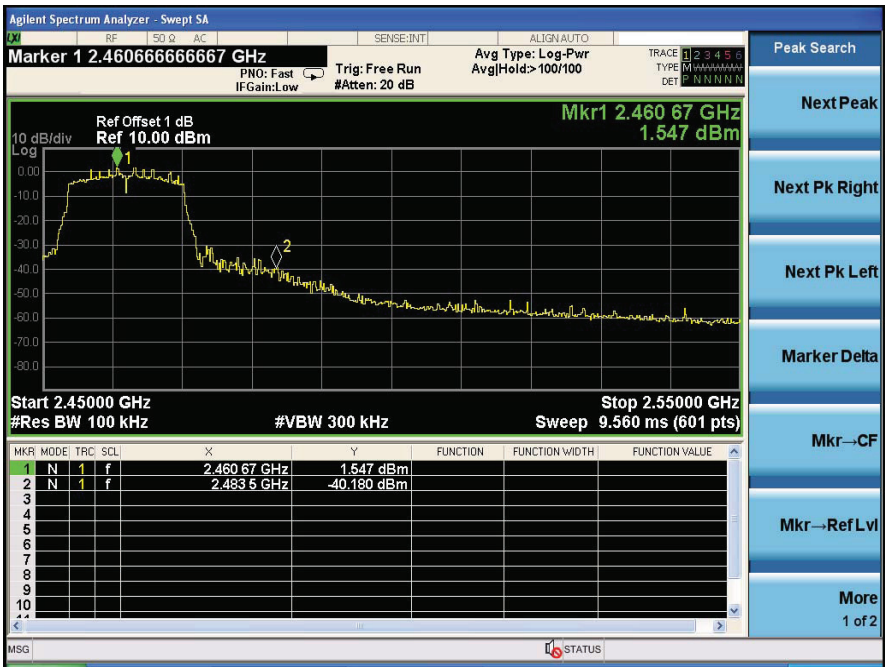
Conducted Emission Method
802.11b Mode:
Low Channel:



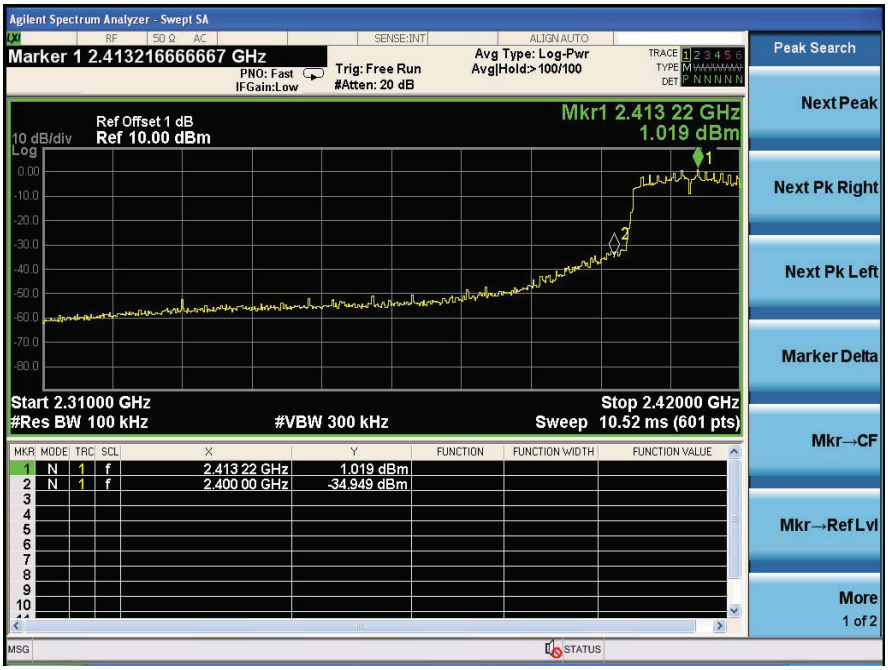
High Channel:

802.11g Mode:
Low Channel:

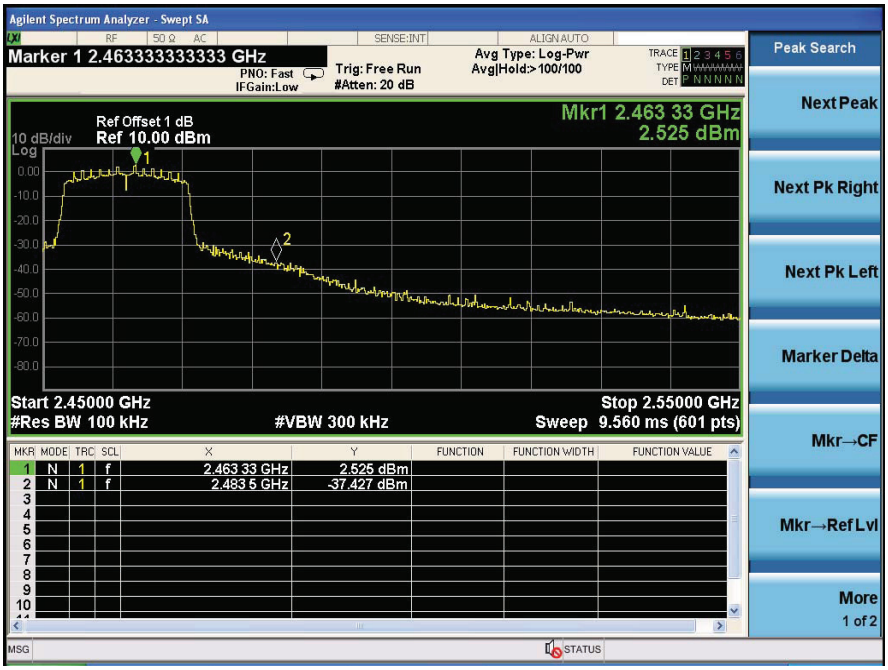
High Channel:



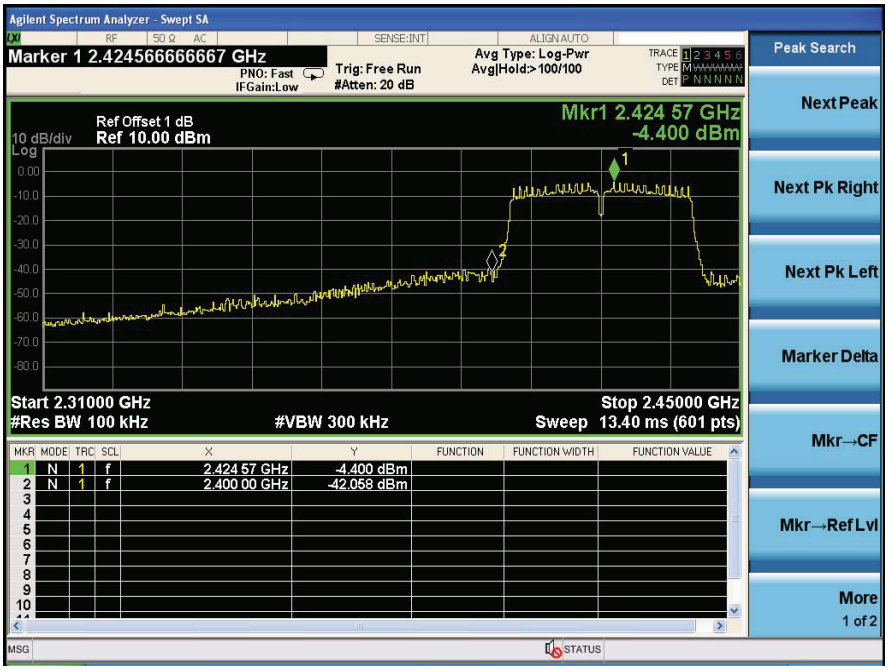
802.11n/HT20 Mode:
Low Channel:



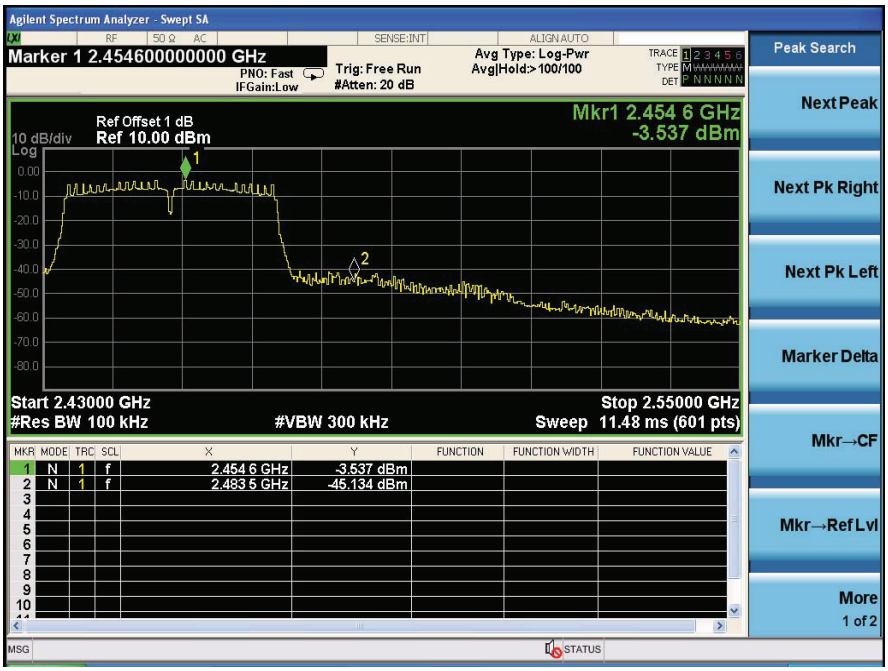
High Channel:



802.11n/HT40 Mode:
Low Channel:



High Channel:



11 Antenna Requirement

11.1 Standard Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

11.2 Antenna Connected Construction

The directional gains of antenna used for transmitting is 2.5dBi, and de-signed with permanent attachment and no consideration of replacement. Please see EUT photo for details.

11.3 Result

The EUT antenna is Integrated Antenna. It comply with the standard requirement.