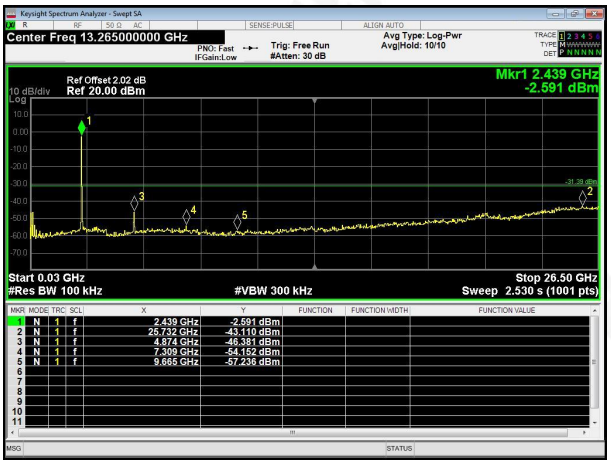
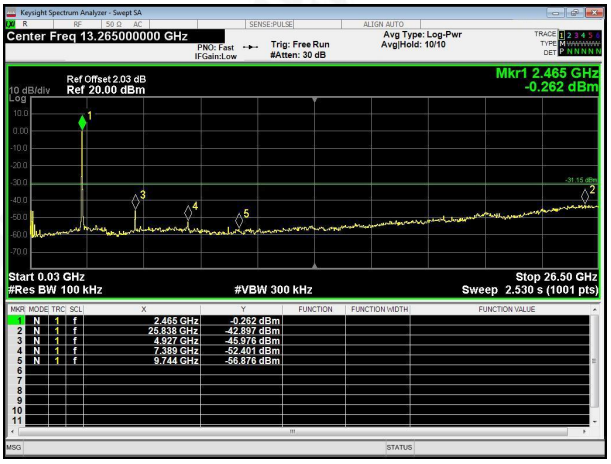
802.11n(HT20)

Lowest channel

Middle channel

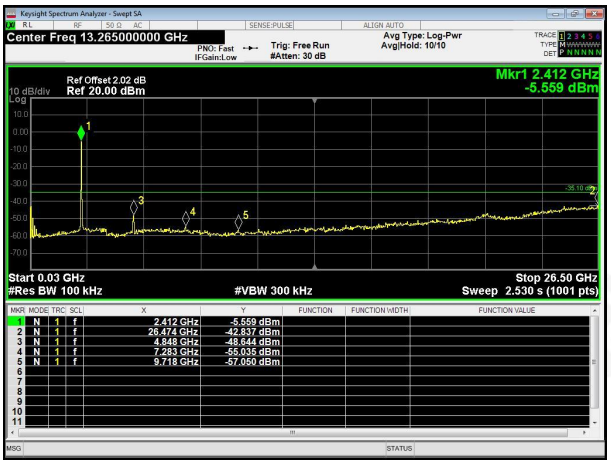


Highest channel

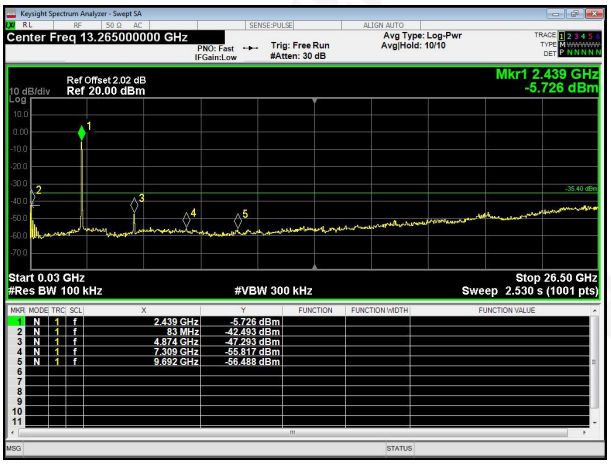


802.11n(HT40)

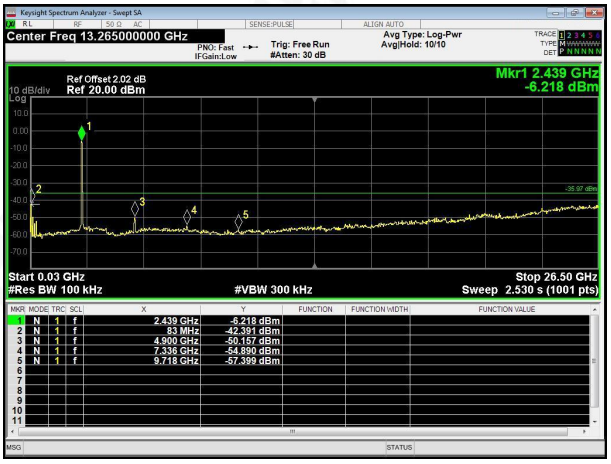
Lowest channel



Middle channel

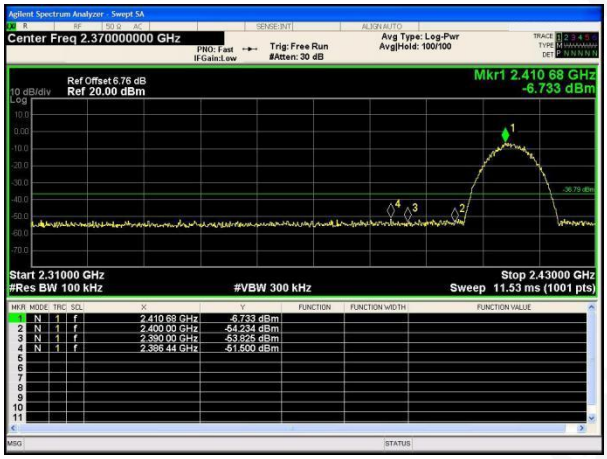


Highest channel



Test plot as follows: Antenna 2

Test mode:	802.11b



LOWEST CHANNEL

HIGHEST CHANNEL

Test mode:	802.11g

LOWEST CHANNEL HIGHEST CHANNEL

Test mode:	802.11n(HT20)

LOWEST CHANNEL HIGHEST CHANNEL

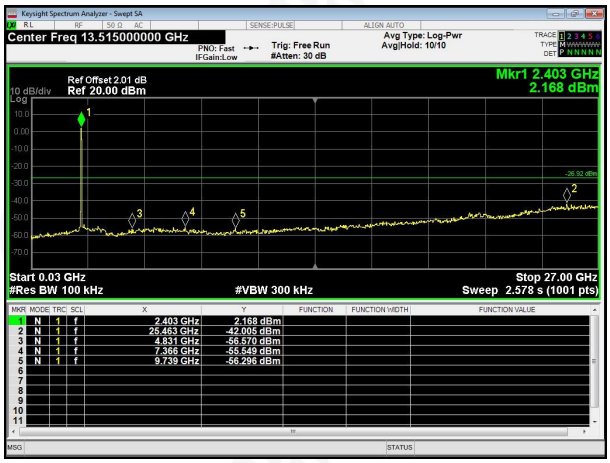
Test mode:	802.11n(HT40)

LOWEST CHANNEL HIGHEST CHANNEL

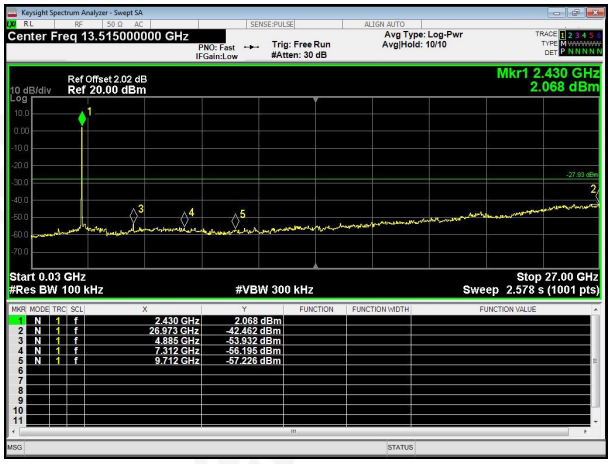
Test plot as follows: Antenna 2

802.11b

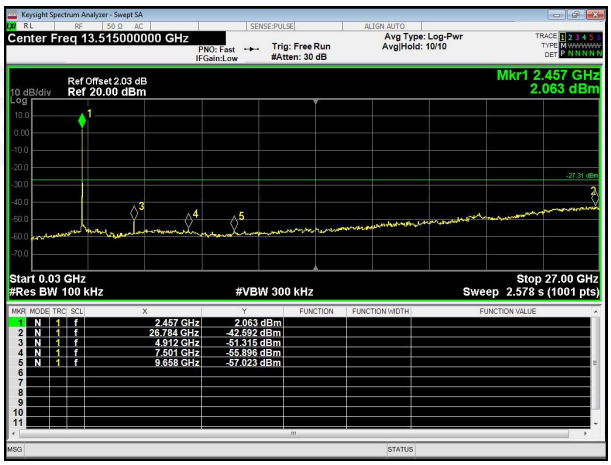
LOWEST CHANNEL



Middle channel

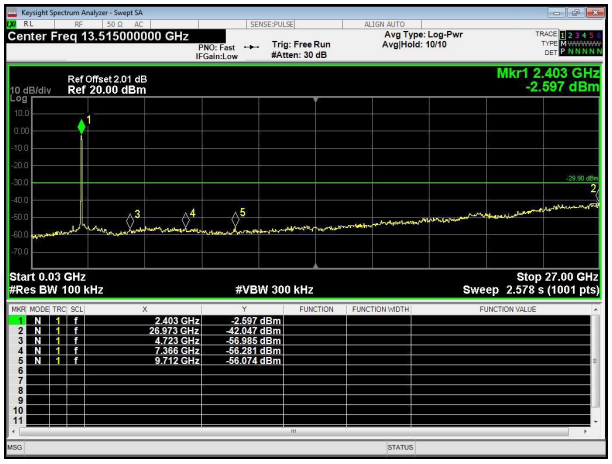


HIGHEST CHANNEL

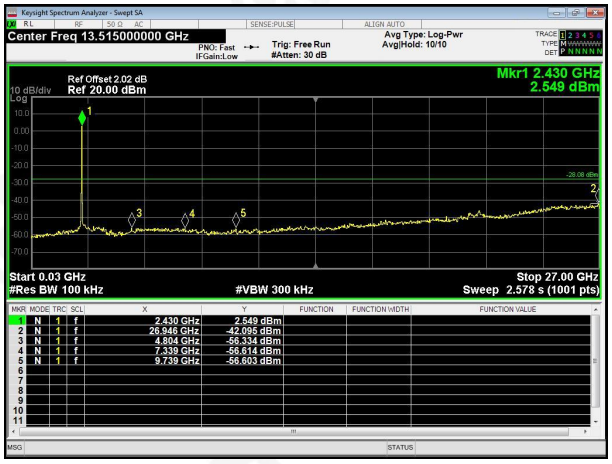


802.11g

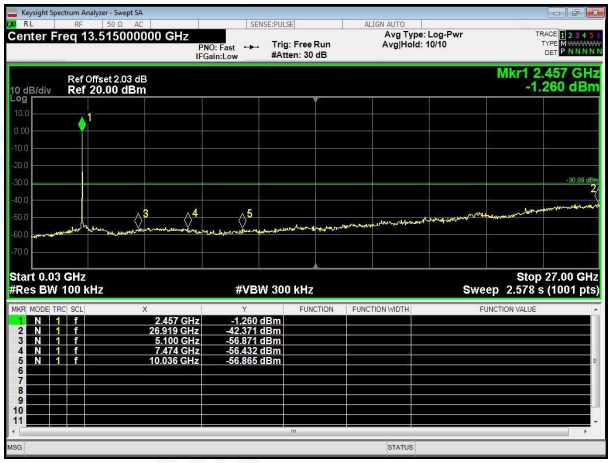
LOWEST CHANNEL



Middle channel

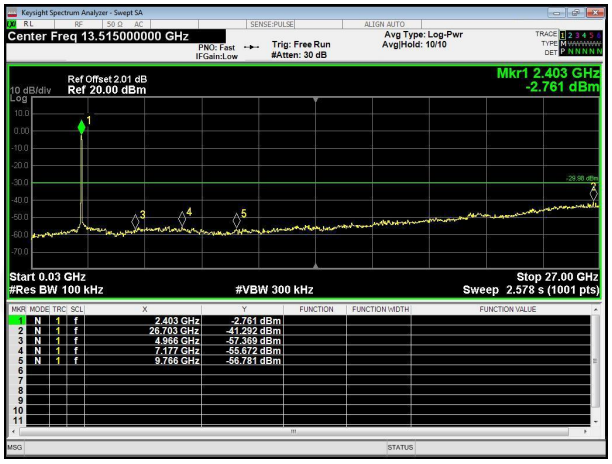


HIGHEST CHANNEL

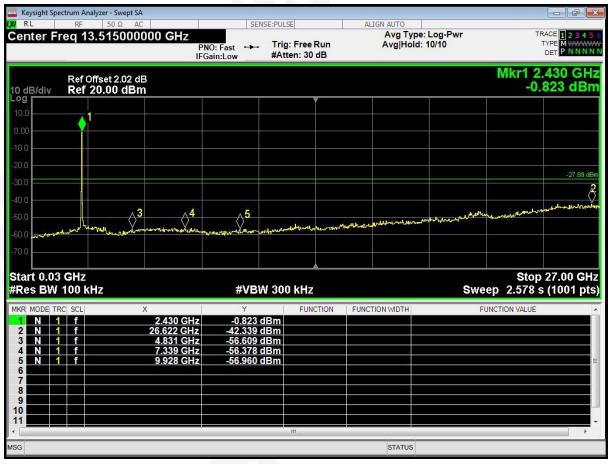


802.11n(HT20)

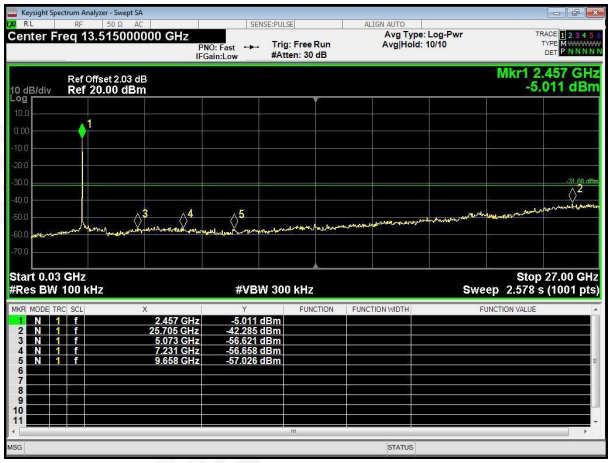
LOWEST CHANNEL



Middle channel

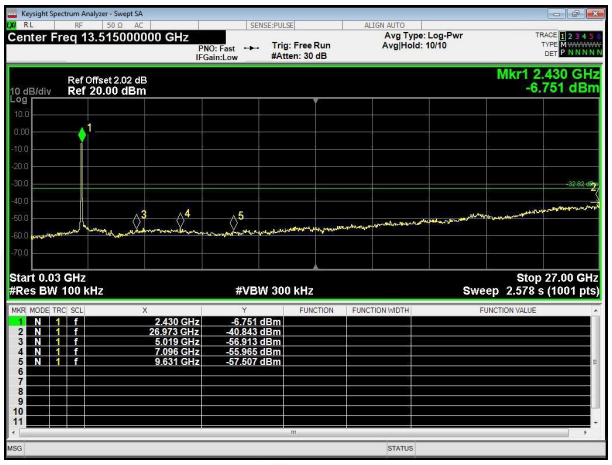


HIGHEST CHANNEL

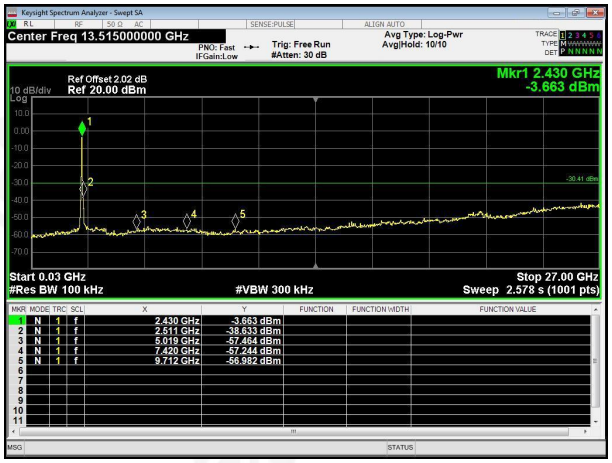


802.11n(HT40)

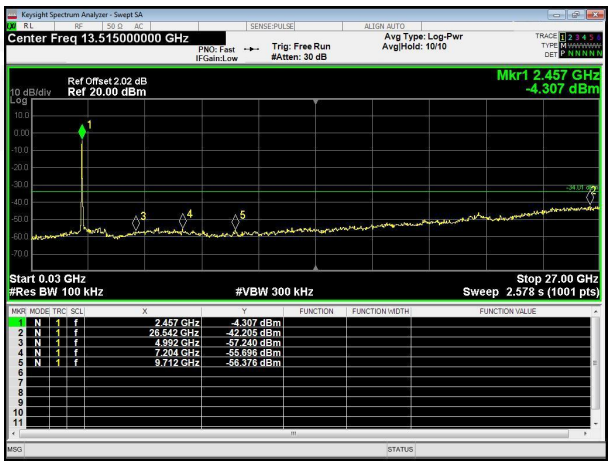
LOWEST CHANNEL



Middle channel



HIGHEST CHANNEL



10. ANTENNA REQUIREMENT

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 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, 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. 15.247(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.	
EUT Antenna:	
The antenna is External Antenna, the best case gain of the antenna is 0dBi, reference to the appendix II for details	

11. TEST SETUP PHOTO

Reference to the appendix I for details.

12. EUT CONSTRUCTIONAL DETAILS

Reference to the appendix II for details.

※※※※※ END OF REPORT ※※※※※