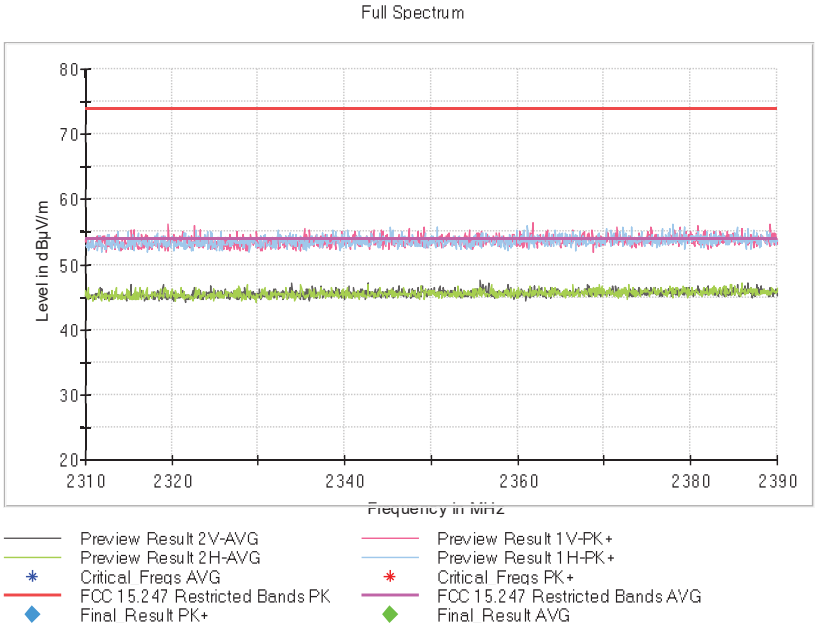
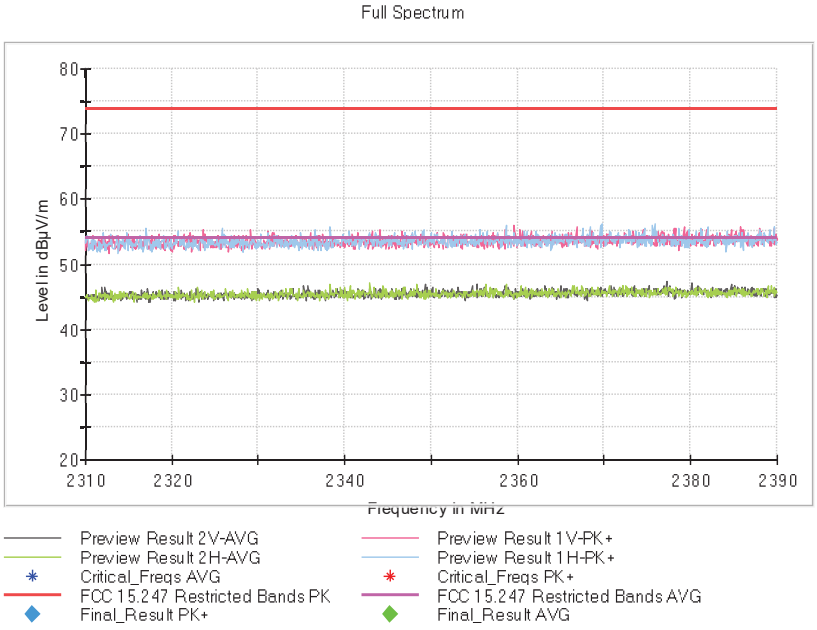
FREQUENCY RANGE 2.31-2.39 GHz:

- **GFSK modulation (DH5)**

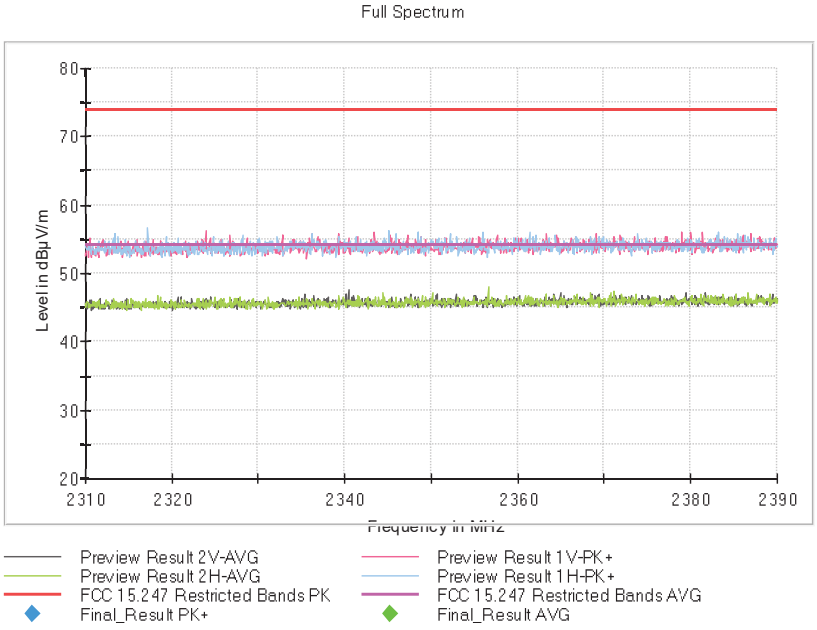
- Low Channel:



- Middle Channel:

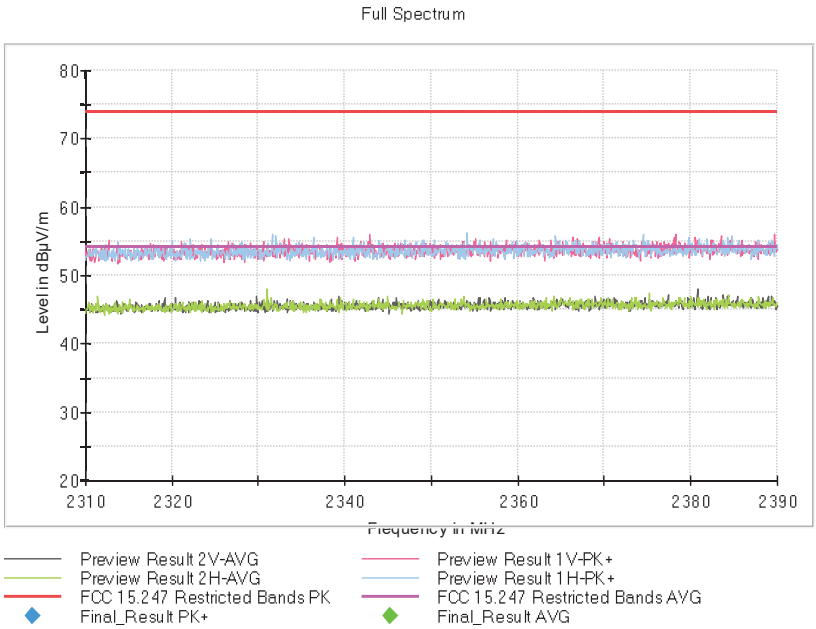


- High Channel:

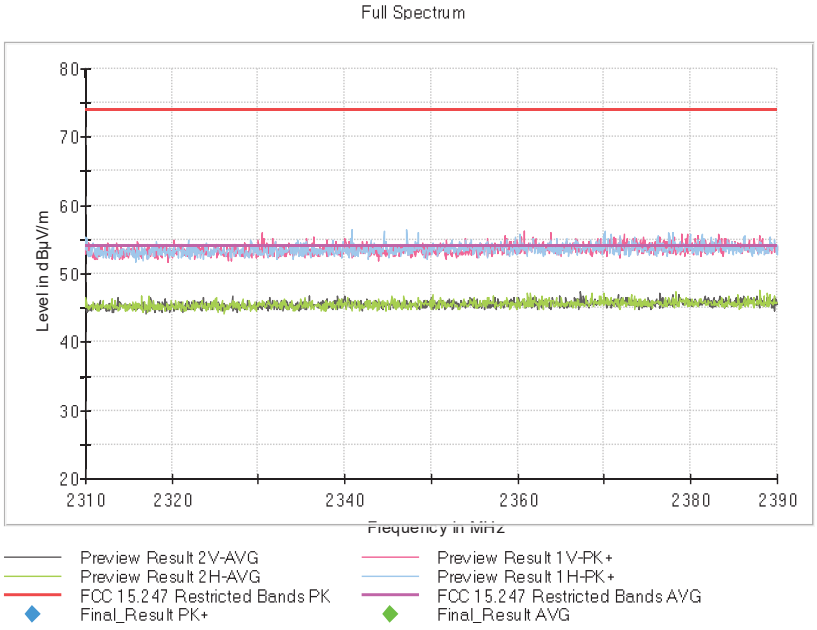


- **Pi/4-DQPSK modulation (2DH5)**

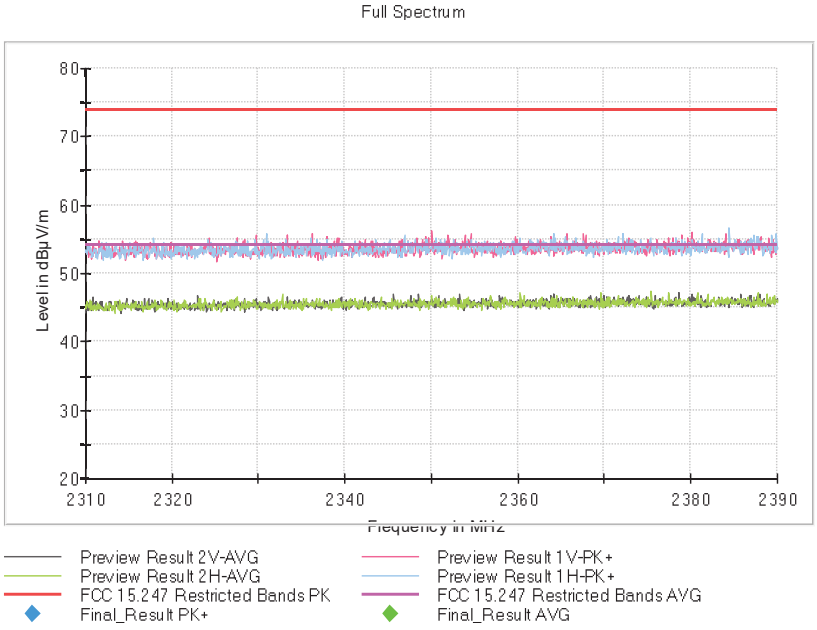
- Low Channel:



- Middle Channel:

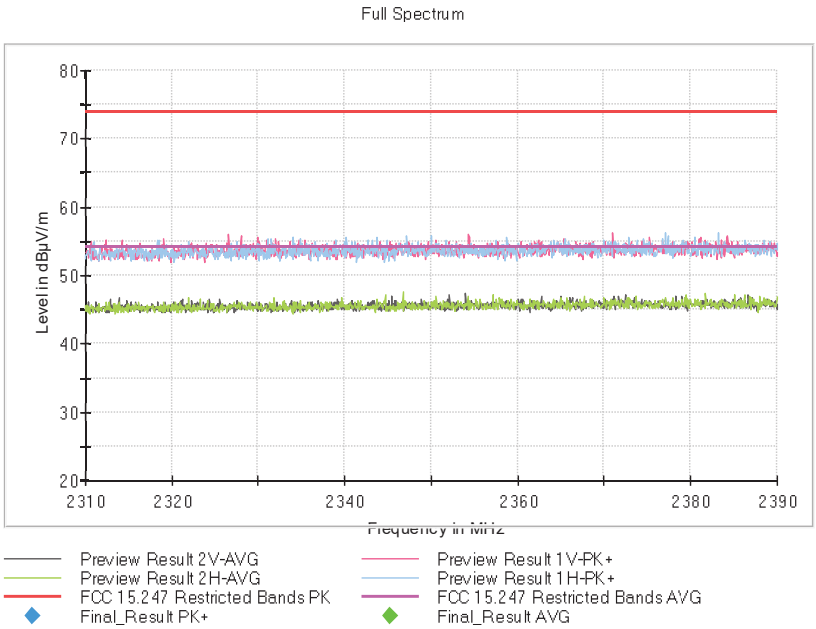


- High Channel:

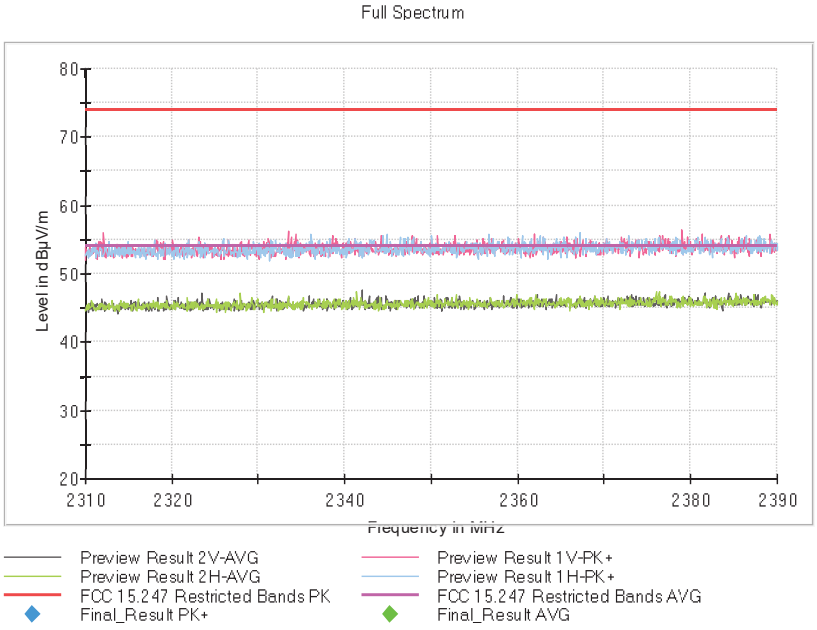


- **8-DPSK modulation (3DH5)**

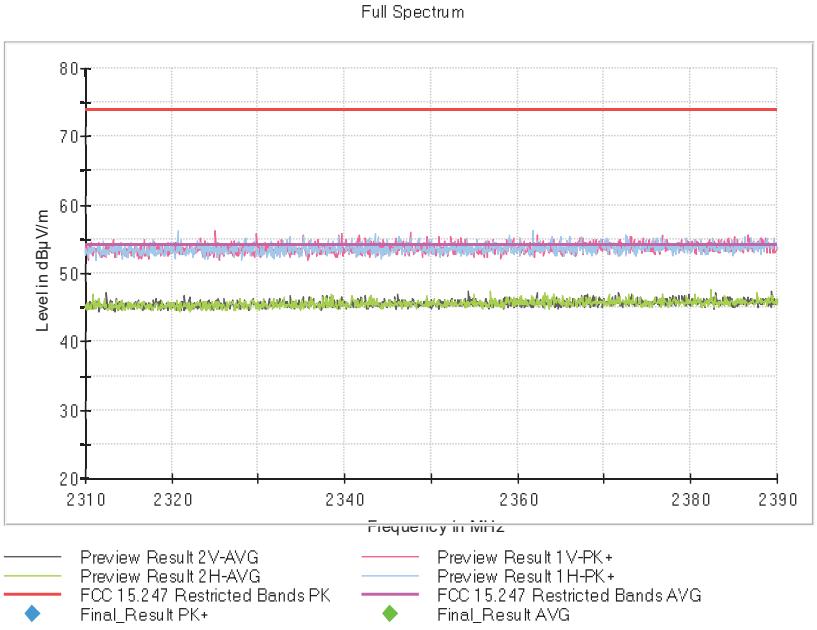
- Low Channel:



- Middle Channel:



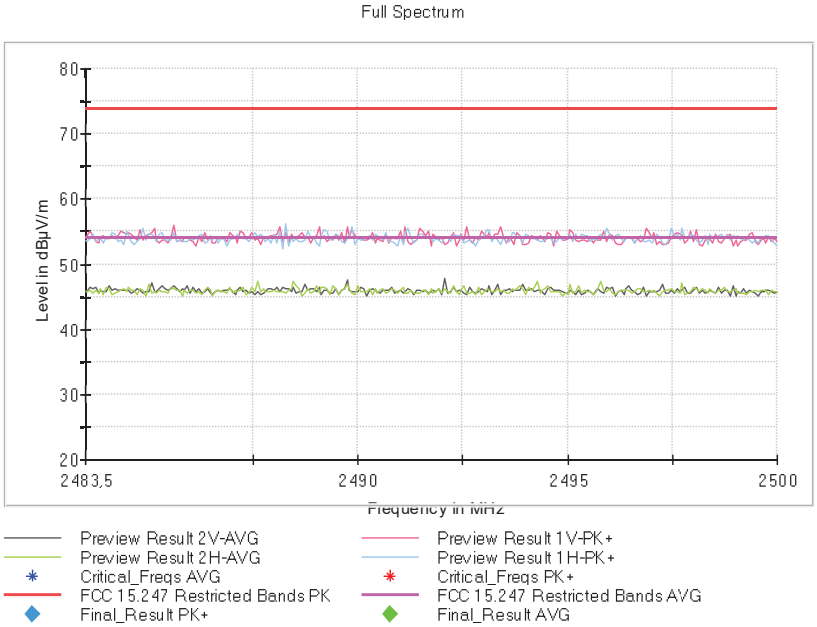
- High Channel:



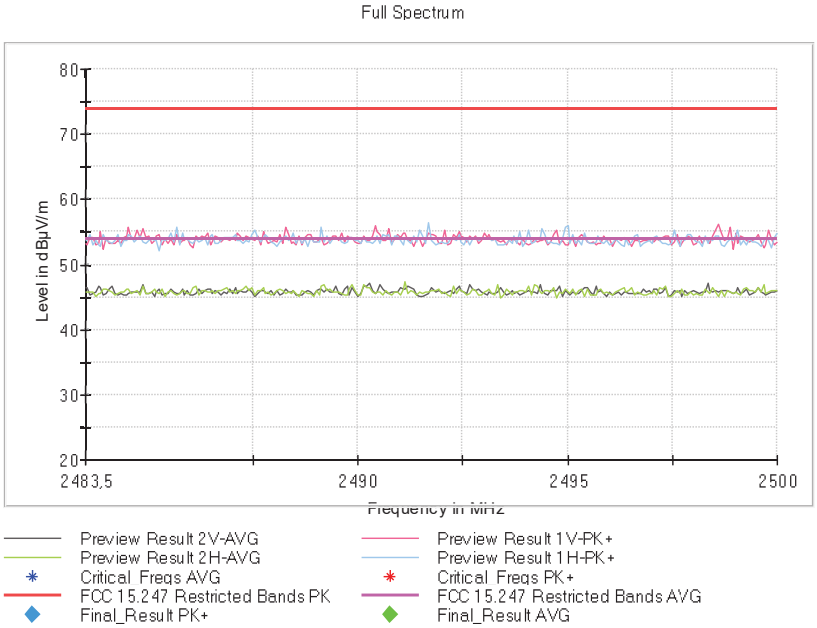
FREQUENCY RANGE 2.4835-2.5 GHz:

- **GFSK modulation (DH5)**

- Low Channel:



- Middle Channel:

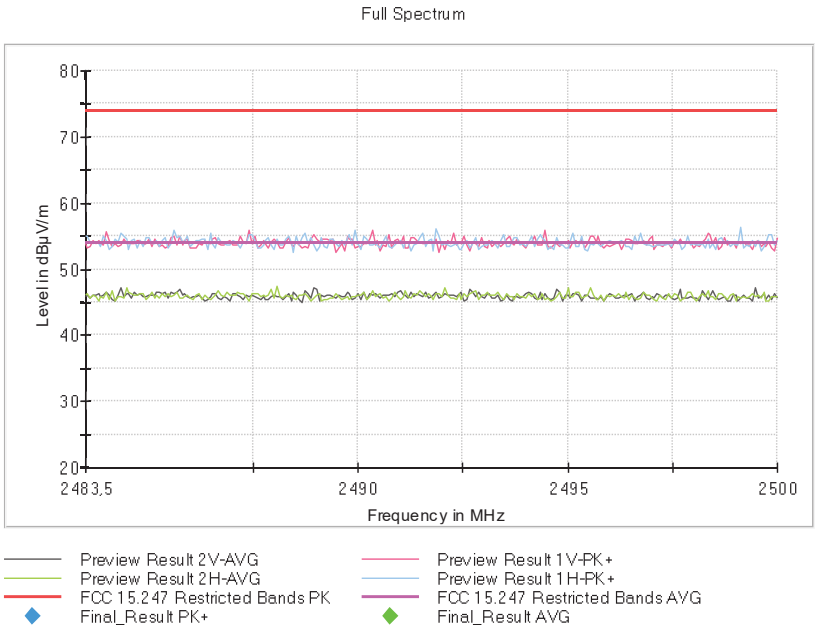


- High Channel:

FREQUENCY RANGE 2.4835-2.5 GHz:

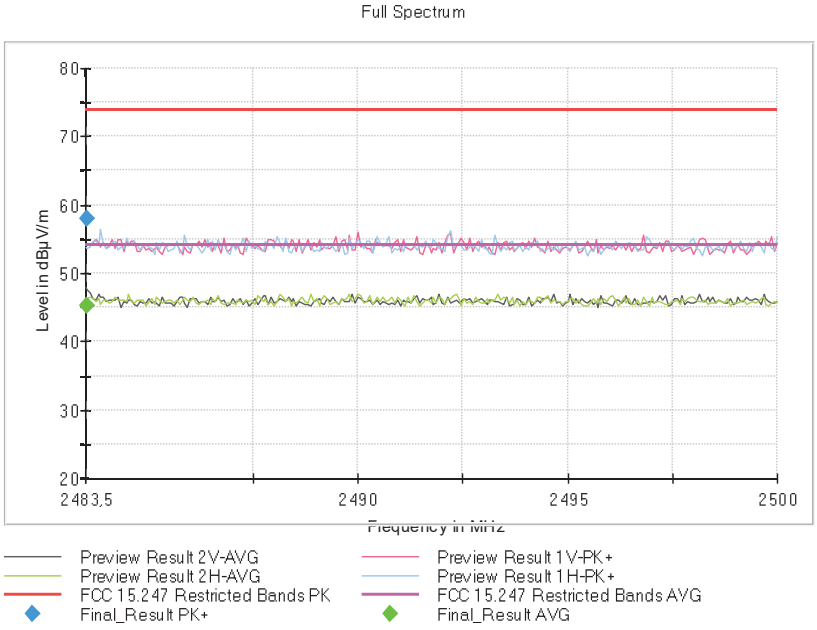
- **Pi/4-DQPSK modulation (2DH5)**

- Low Channel:



- Middle Channel:

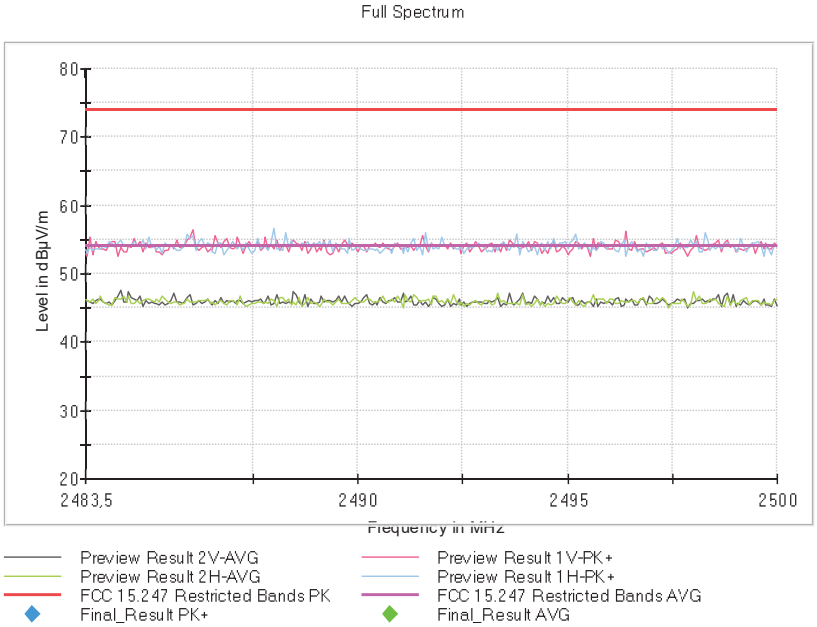
- High Channel:



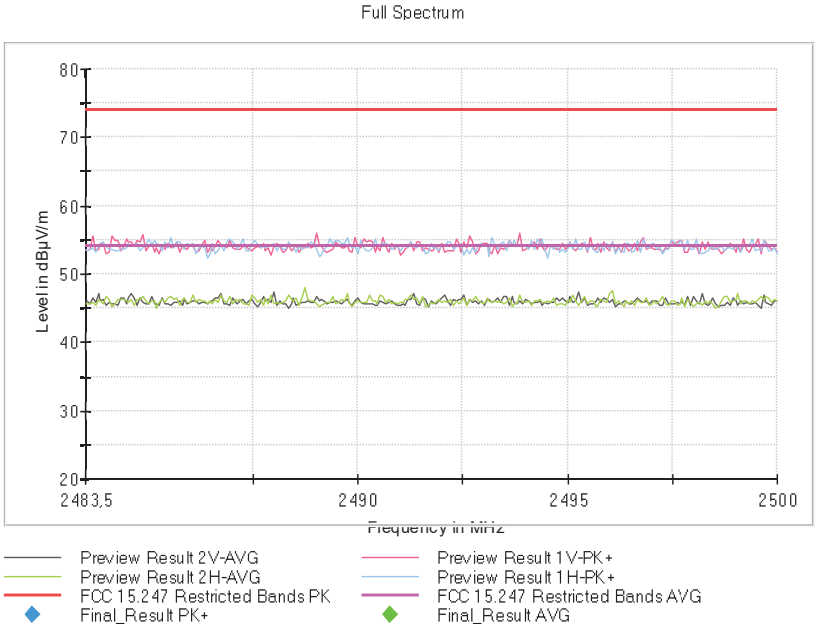
FREQUENCY RANGE 2.4835-2.5 GHz:

- **8-DPSK modulation (3DH5)**

- Low Channel:



- Middle Channel:



- High Channel:

Appendix B: Test results. 802.11 bgn20 1x1

INDEX

TEST CONDITIONS

POWER SUPPLY (V):

V nonimal:	12 Vdc.
Type of Power Supply:	DC External (Car Battery).

ANTENNA:

Type of Antenna:	External.
Maximum Declared Antenna Gain:	+1.60 dBi

TEST FREQUENCIES FOR 802.11 bgn20:

Low Channel (1):	2412 MHz
Middle Channel (6):	2437 MHz
High Channel (11):	2462 MHz

The sample was used to configure the EUT to continuously transmit at a specified output power in all channels with different modes and modulation schemes.

The field strength at the band edges was evaluated for each mode for the channel under test.

During transmitter test the EUT was being controlled by the SW tool to operate in a continuous transmit mode on the test channel as required and in each of the different modulation modes.

The EUT has four separate antennas which correspond to one port of the equipment.

The data rates of 1 Mbps for 802.11 b, 6.5 Mbps for 802.11 g, MCS0 for 802.11 n20 were selected based on preliminary testing that identified those rates corresponding to the worst cases for output power and band edge levels at restricted bands.