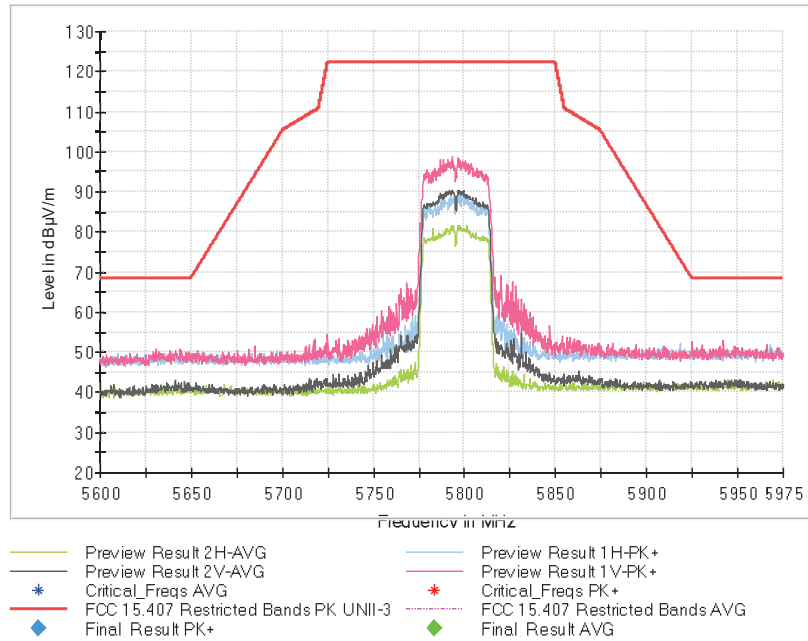
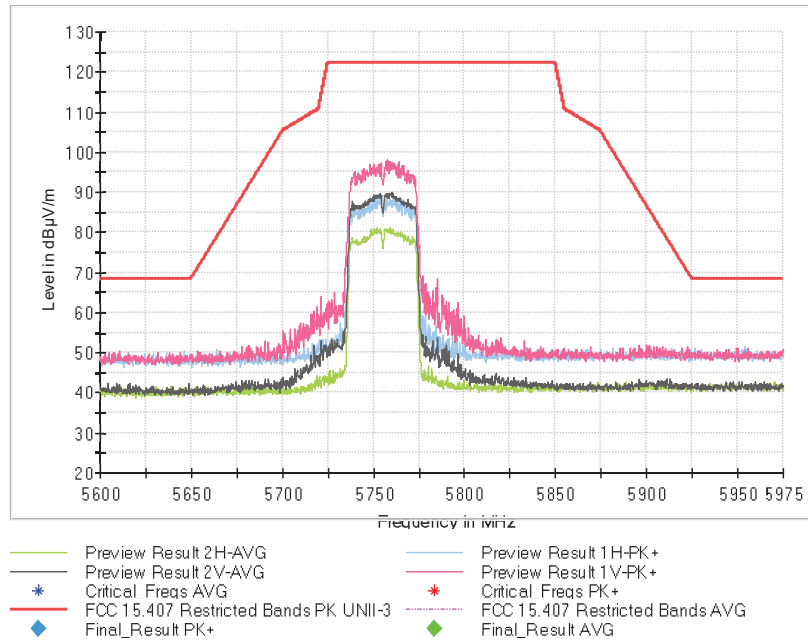


- High Channel 159 (5795 MHz):

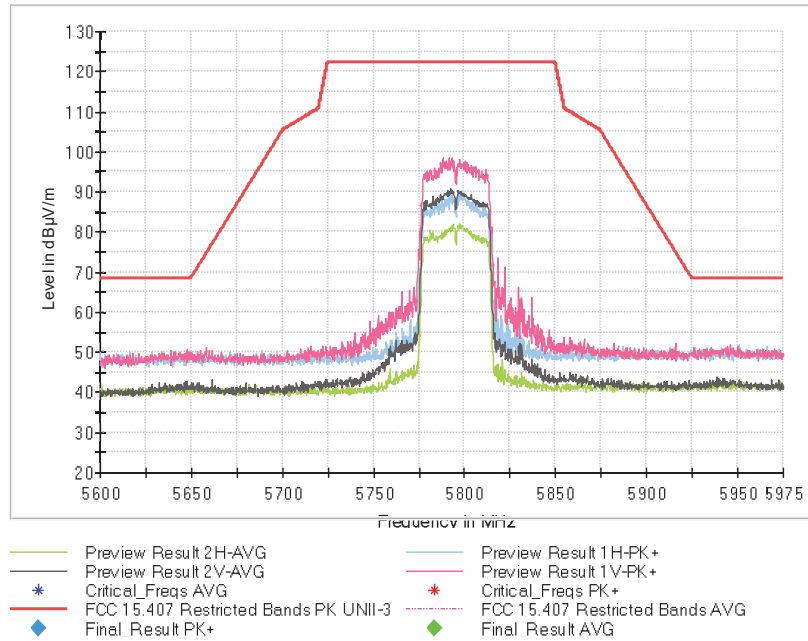


• SISO 802.11 ac40:

- Low Channel 149 (5745 MHz):

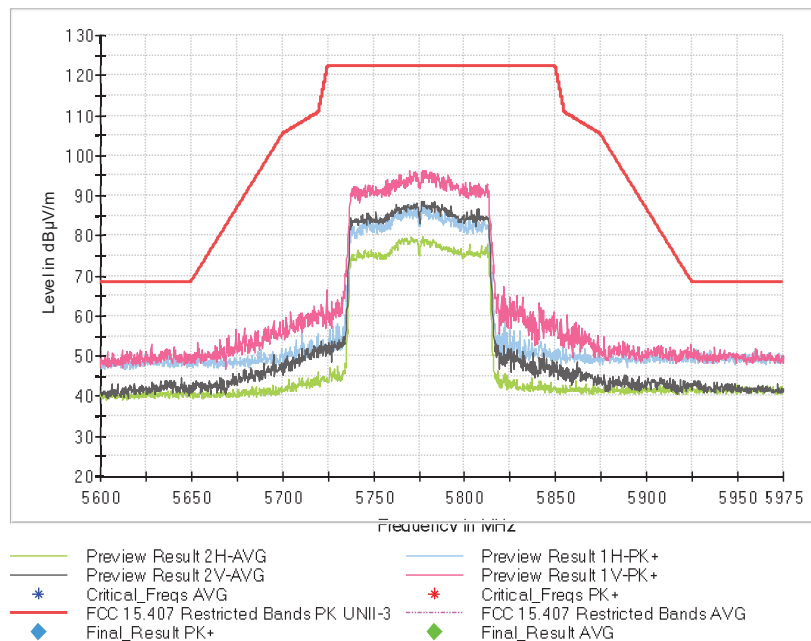


- High Channel 165 (5825 MHz):



• SISO 802.11 ac80:

- Middle Channel 155 (5775 MHz):



MIMO worst case:

- Preliminary tests determined the MIMO worst case: WLAN0_CORE-MIMO_Port1 & Port4.
- Worst case: 802.11 n20** (index of MCS8).

Frequency range 30 MHz - 1 GHz (MIMO worst case):

The spurious emissions below 1 GHz do not depend on either the operating channel or the modulation mode selected in the EUT.

Spurious frequencies operating (radiated) detected at less than 20 dB below the limit:

Spurious frequency (MHz)	Emission Level (dBμV/m)	Polarization	Detector	Measurement Uncertainty (dB)
32.570500	35.12	V	Quasi-Peak	<± 4.99
58.663500	35.23	V	Quasi-Peak	<± 4.99
64.774500	38.64	V	Quasi-Peak	<± 4.99
66.278000	36.70	V	Quasi-Peak	<± 4.99
148.097500	29.08	V	Quasi-Peak	<± 4.99

Frequency range 1 - 40 GHz (MIMO worst case):

The results in the next tables show the maximum measured levels in the 1-40 GHz range except the 5.65-5.725 GHz and 5.85-5.925GHz adjacent bands. The results in the adjacent bands was evaluated on the next section.

Spurious frequencies with peak levels above the average limit (54 dBμV/m at 3 m) are measured with an average detector for checking compliance with the average limit.

- LOW CHANNEL. Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	Emission Level (dBμV/m)	Polarization	Detector	Measurement Uncertainty (dB)
22.452533333	41.96	H	Peak	<± 5.08
24.360000000	42.37	V	Peak	<± 5.08
34.235433333	46.52	V	Peak	<± 5.33

- MIDDLE CHANNEL. Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	Emission Level (dBμV/m)	Polarization	Detector	Measurement Uncertainty (dB)
11.570	50.18	H	Peak	<± 4.98
17.945300000	44.16	V	Peak	<± 5.08
22.403466667	41.38	H	Peak	<± 5.08
34.202466667	47.60	V	Peak	<± 5.33

- HIGH CHANNEL. No spurious frequencies at less than 20 dB below the limit.

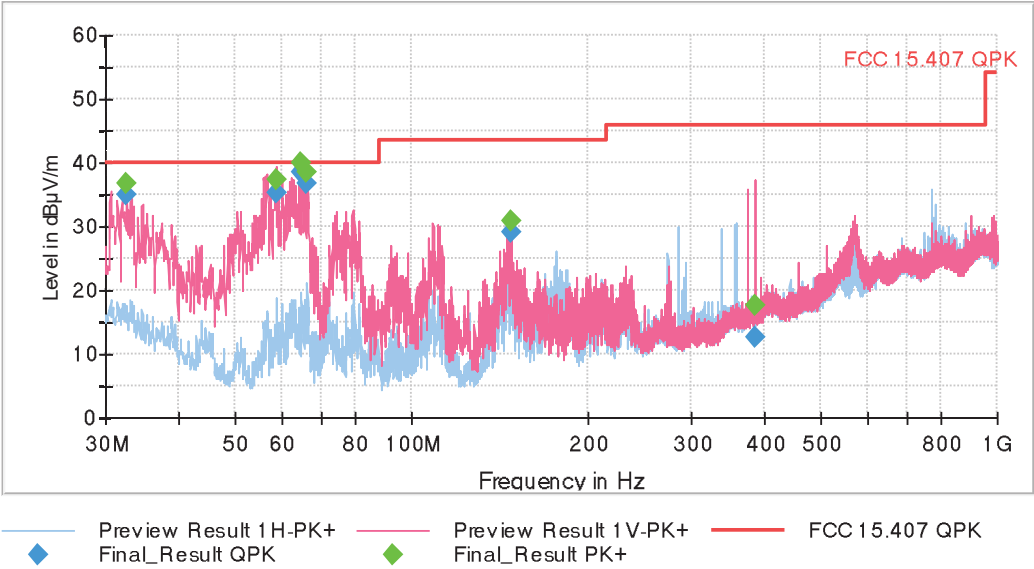
Spurious frequency (GHz)	Emission Level (dBμV/m)	Polarization	Detector	Measurement Uncertainty (dB)
11.650	50.80	H	Peak	<± 4.98
34.185600000	47.12	V	Peak	<± 5.33

Verdict: PASS

MIMO worst case:

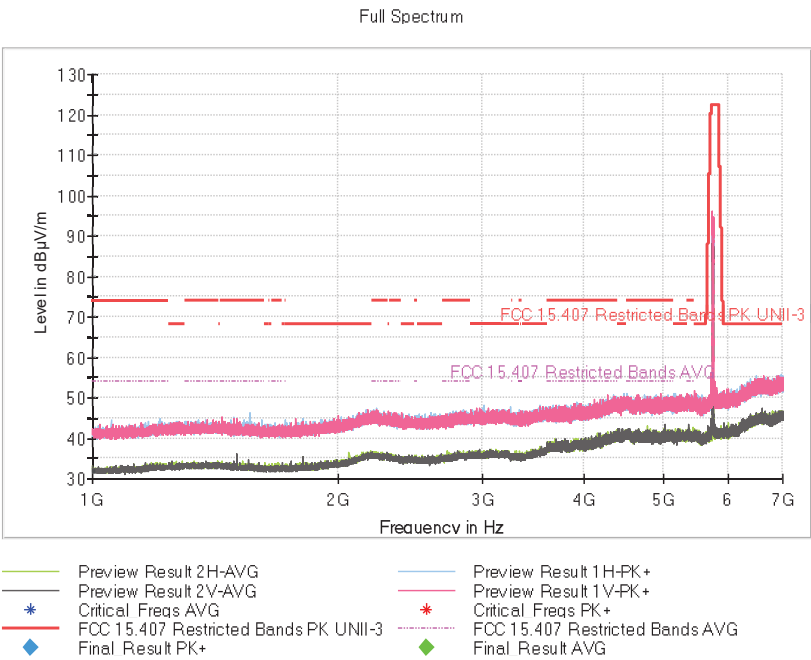
FREQUENCY RANGE 30 MHz - 1 GHz (MIMO worst case):

This plot is valid for the Low, Middle and High Channels and all the modulation modes.

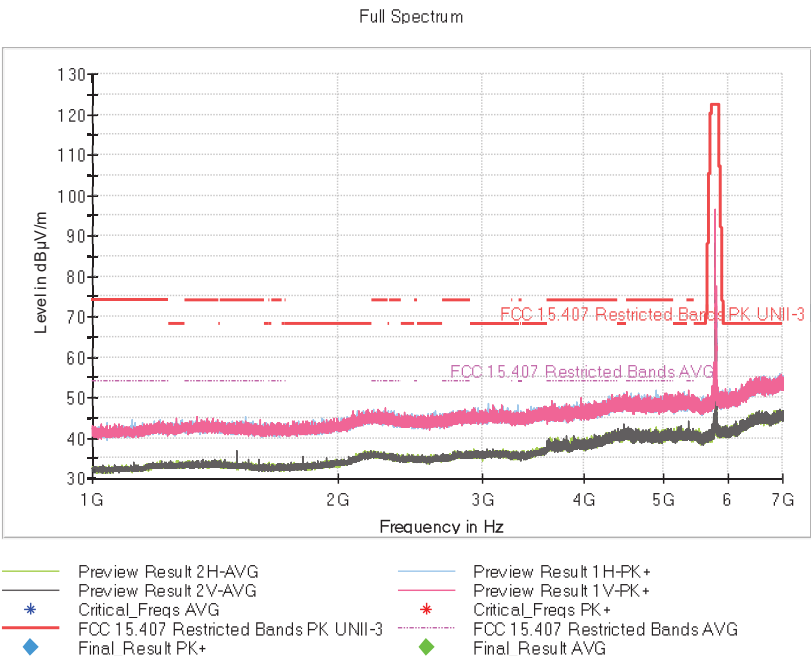


FREQUENCY RANGE 1 - 7 GHz (MIMO worst case):

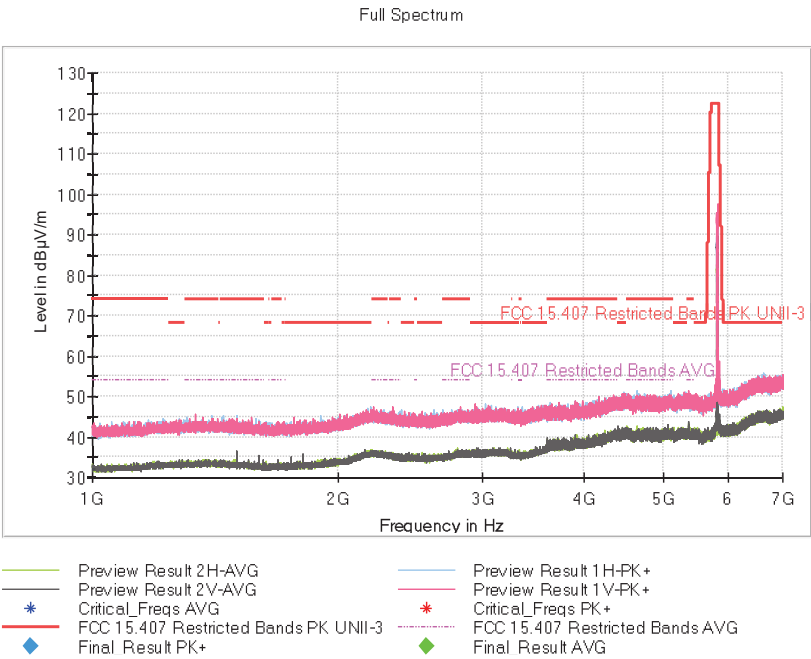
- Low Channel:



- Middle Channel:

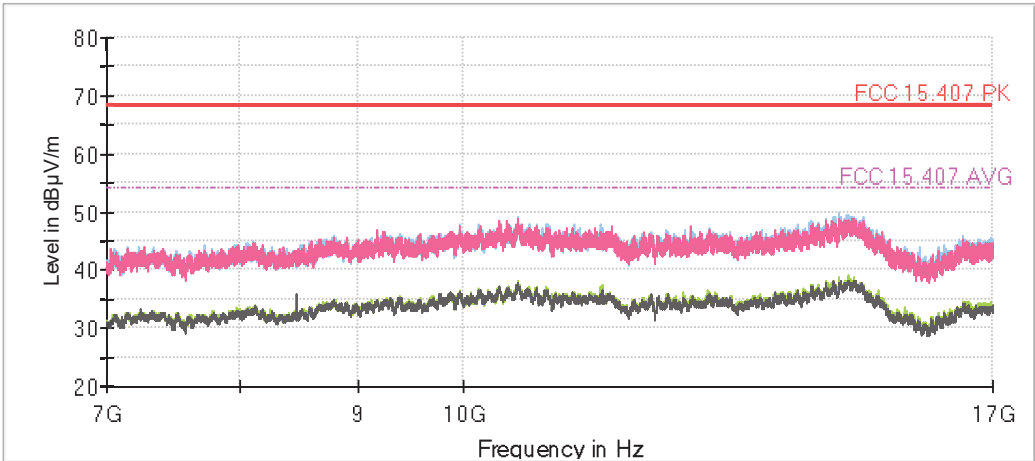


- High Channel:

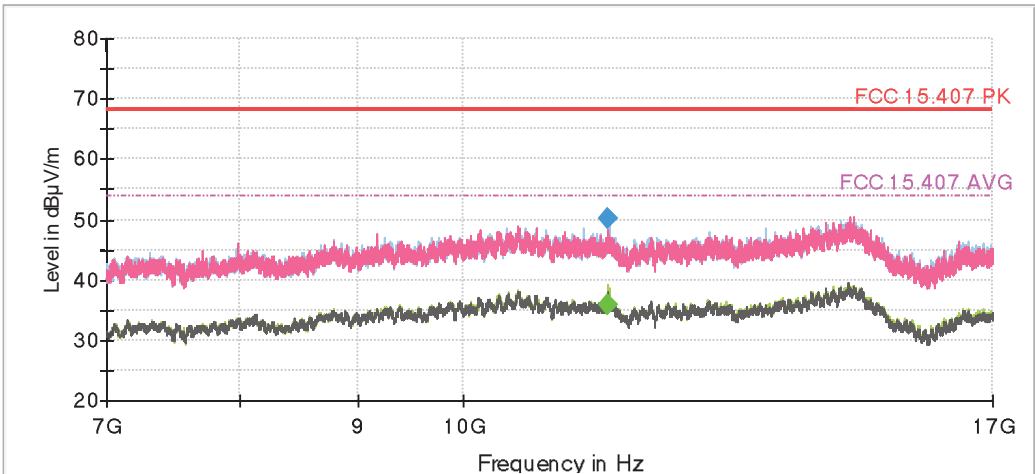


FREQUENCY RANGE 7 - 17 GHz (MIMO worst case):

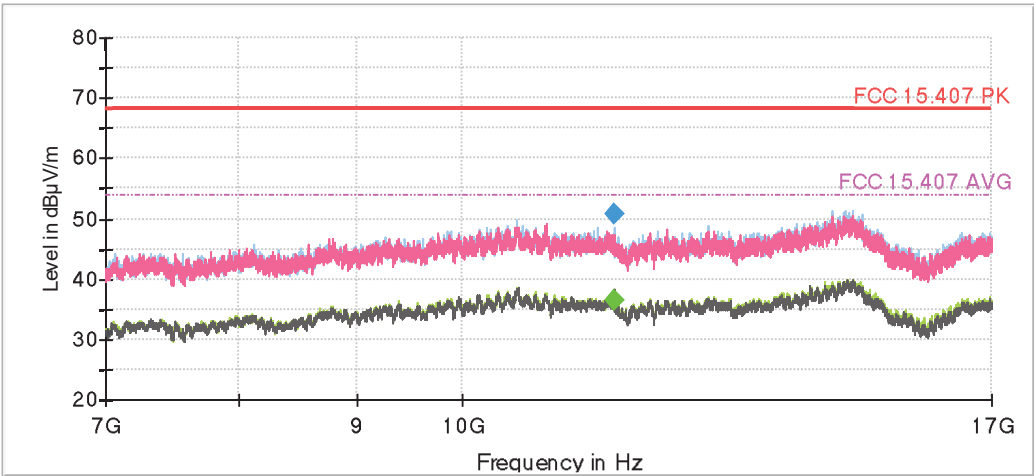
- Low Channel:



- Middle Channel:



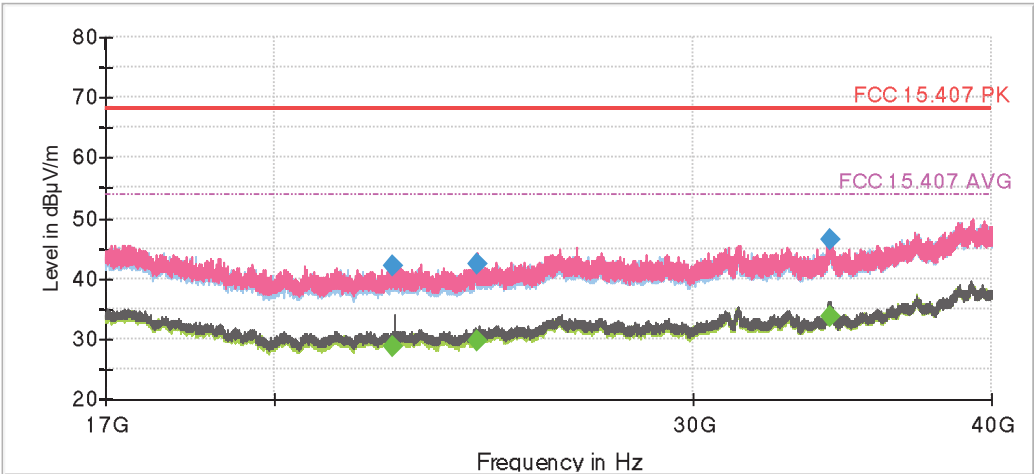
- High Channel:



Preview Result 2H-AVG Preview Result 1H-PK+ Preview Result 2V-AVG
Preview Result 1V-PK+ FCC 15.407 PK FCC 15.407 AVG
Final_Result PK+ Final_Result AVG

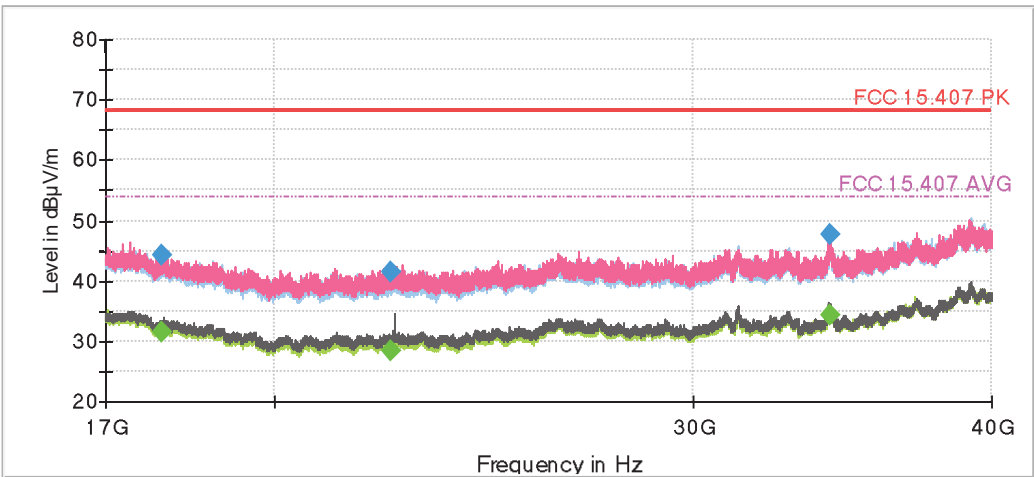
FREQUENCY RANGE 17 - 40 GHz (MIMO worst case):

- Low Channel:



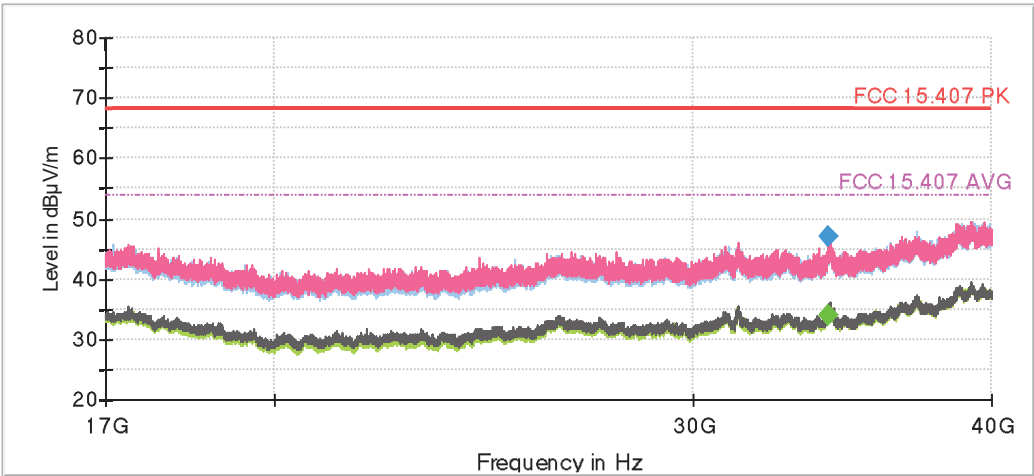
Preview Result 2H-AVG Preview Result 1H-PK+ Preview Result 2V-AVG
Preview Result 1V-PK+ FCC 15.407 PK FCC 15.407 AVG
Final_Result PK+ Final_Result AVG

- Middle Channel:



Preview Result 2H-AVG Preview Result 1H-PK+ Preview Result 2V-AVG
Preview Result 1V-PK+ FCC 15.407 PK FCC 15.407 AVG
Final_Result PK+ Final_Result AVG

- High Channel:



Preview Result 2H-AVG Preview Result 1H-PK+ Preview Result 2V-AVG
Preview Result 1V-PK+ FCC 15.407 PK FCC 15.407 AVG
Final_Result PK+ Final_Result AVG

BAND EDGE EMISSIONS:

- **SISO 802.11 a20. Spurious emissions inside of the mask 5.65-5.925 GHz:**

- LOW CHANNEL 149 (5745 MHz):

No spurious frequencies at less than 20 dB below the limit.

- MIDDLE CHANNEL 157 (5785 MHz):

No spurious frequencies at less than 20 dB below the limit.

- HIGH CHANNEL 165 (5825 MHz):

No spurious frequencies at less than 20 dB below the limit.

- **SISO 802.11 n20. Spurious emissions inside of the mask 5.65-5.925 GHz:**

- LOW CHANNEL 149 (5745 MHz):

No spurious frequencies at less than 20 dB below the limit.

- MIDDLE CHANNEL 157 (5785 MHz):

No spurious frequencies at less than 20 dB below the limit.

- HIGH CHANNEL 165 (5825 MHz):

No spurious frequencies at less than 20 dB below the limit.

- **SISO 802.11 ac20. Spurious emissions inside of the mask 5.65-5.925 GHz:**

- LOW CHANNEL 149 (5745 MHz):

No spurious frequencies at less than 20 dB below the limit.

- MIDDLE CHANNEL 157 (5785 MHz):

No spurious frequencies at less than 20 dB below the limit.

- HIGH CHANNEL 165 (5825 MHz):

No spurious frequencies at less than 20 dB below the limit.

- **SISO 802.11 n40. Spurious emissions inside of the mask 5.65-5.925 GHz:**

- LOW CHANNEL 151 (5755 MHz):

No spurious frequencies at less than 20 dB below the limit.

- HIGH CHANNEL 159 (5795 MHz):

No spurious frequencies at less than 20 dB below the limit.