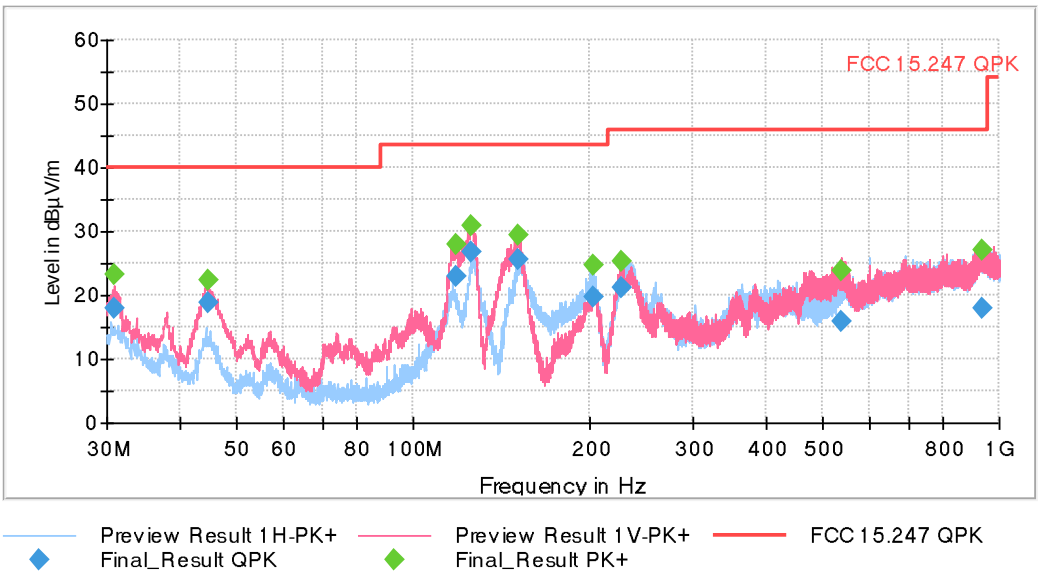
SISO worst case:

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

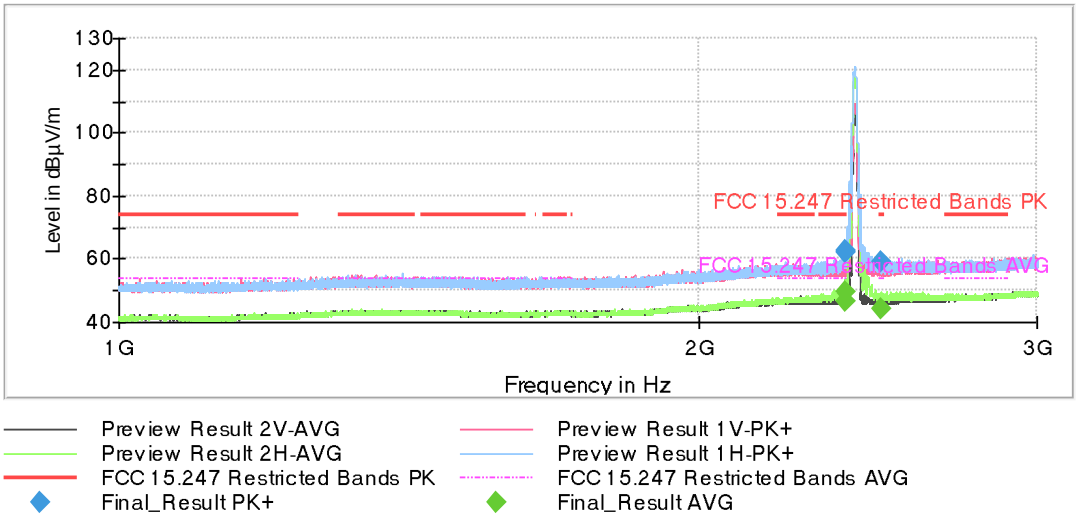
The spurious frequencies detected do not depend neither on the operating channel nor the modulation mode.



- **SISO 802.11 b (DSSS):**

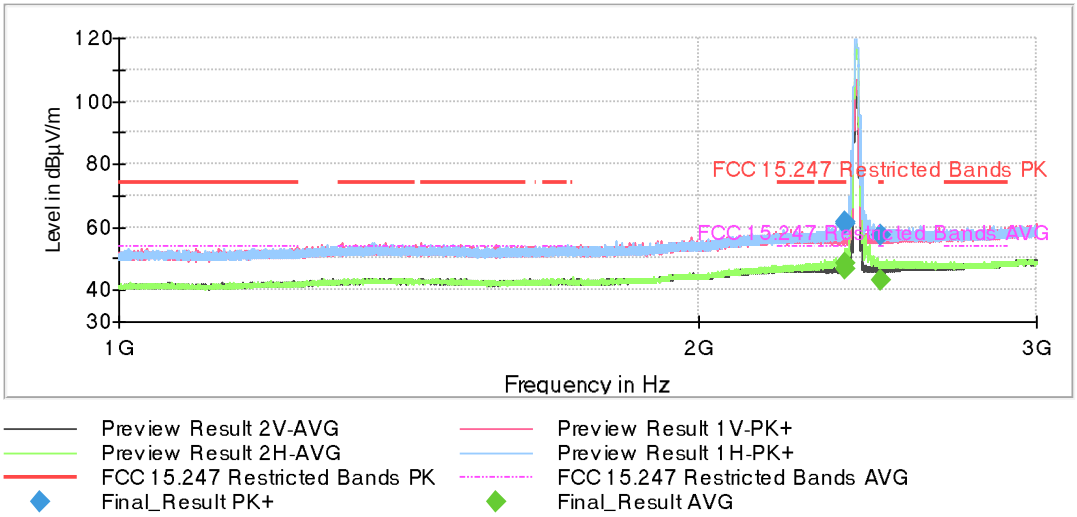
  FREQUENCY RANGE 1 - 3 GHz (SISO 802.11 b (DSSS)):

  - Low Channel:



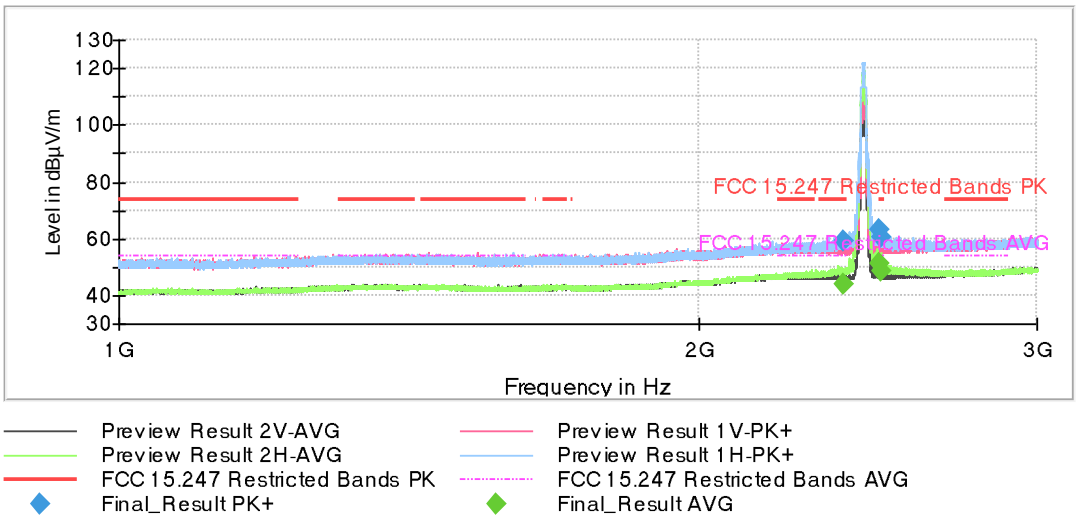
The peak above the limit is the carrier frequency.

- Channel (2):



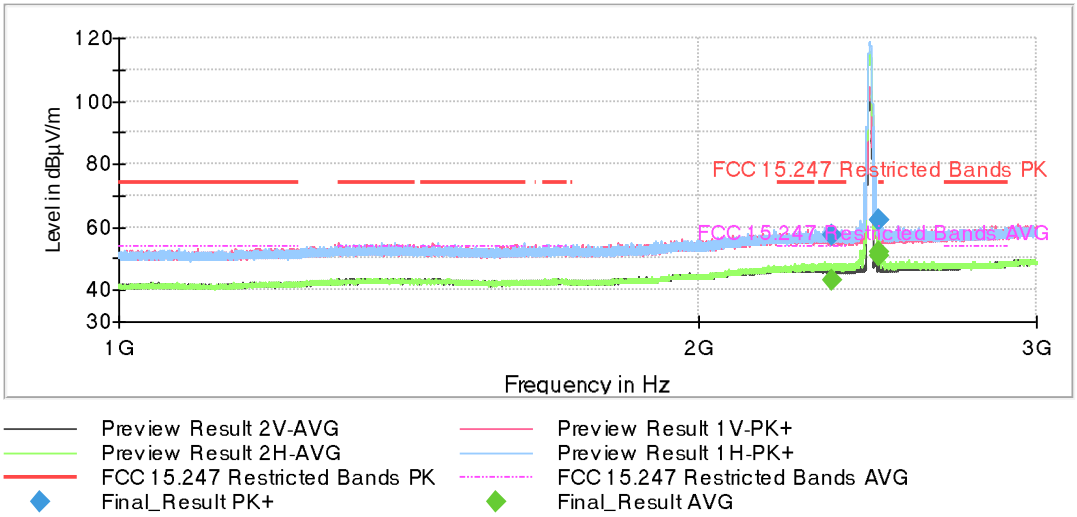
The peak above the limit is the carrier frequency.

- Middle Channel:



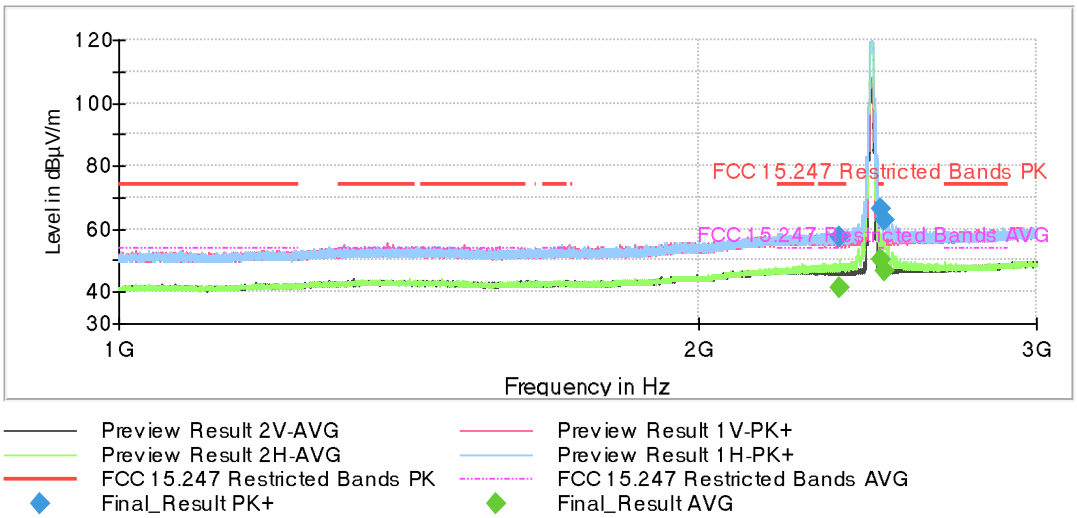
The peak above the limit is the carrier frequency.

- Channel (10):



The peak above the limit is the carrier frequency.

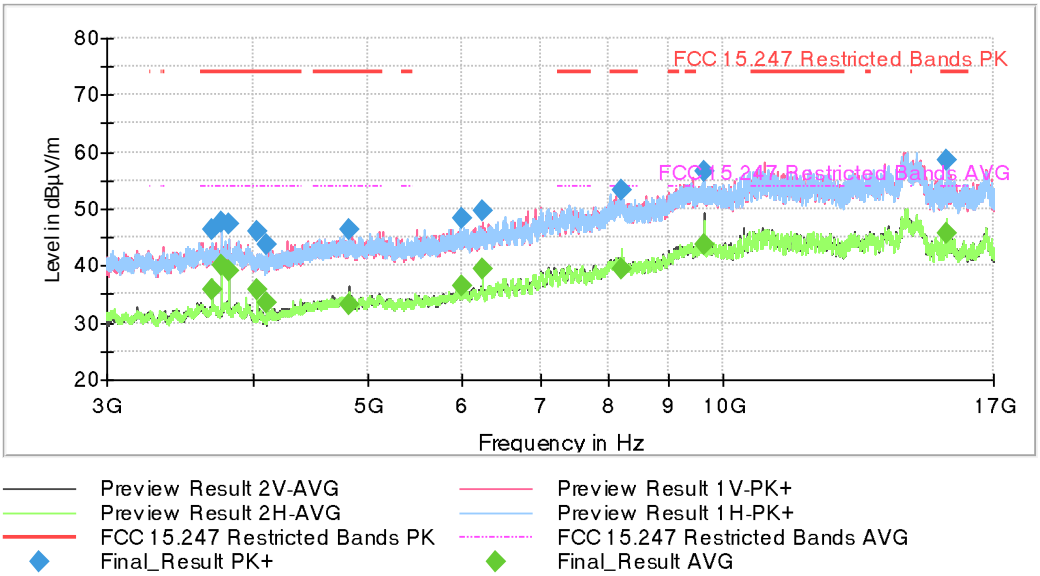
- High Channel:



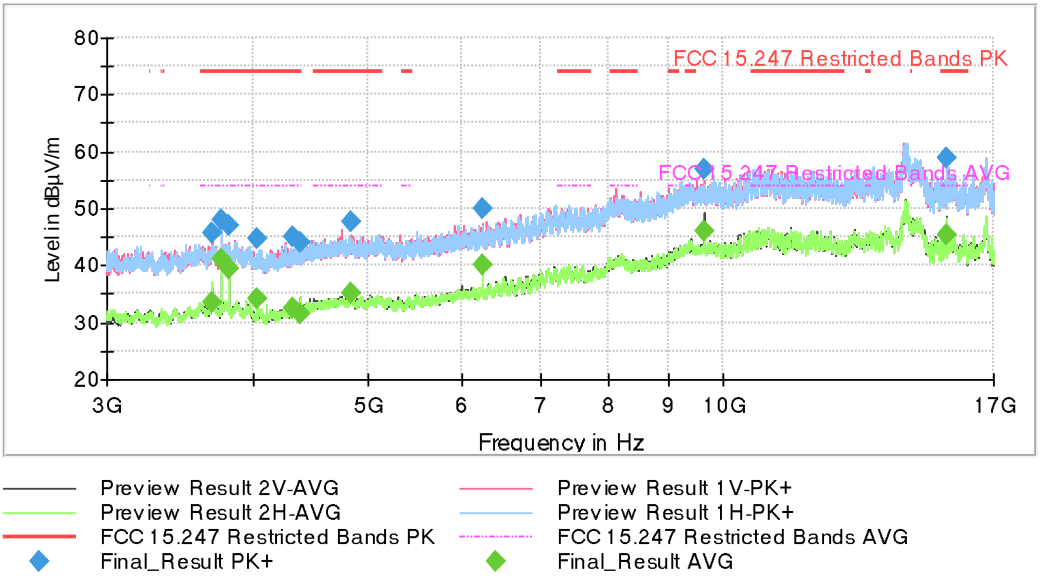
The peak above the limit is the carrier frequency.

FREQUENCY RANGE 3 - 17 GHz (SISO 802.11 b (DSSS)):

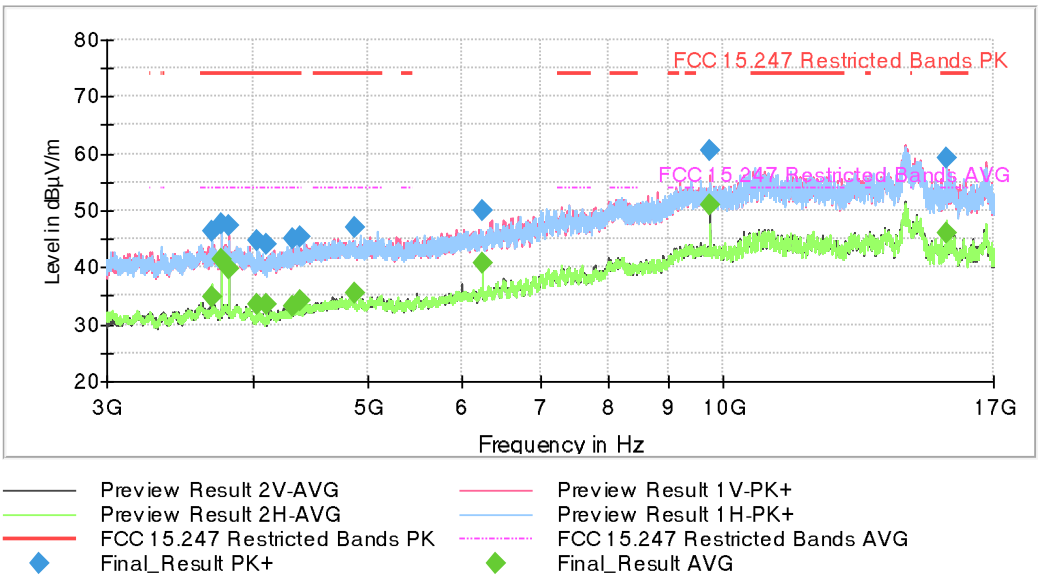
- Low Channel:



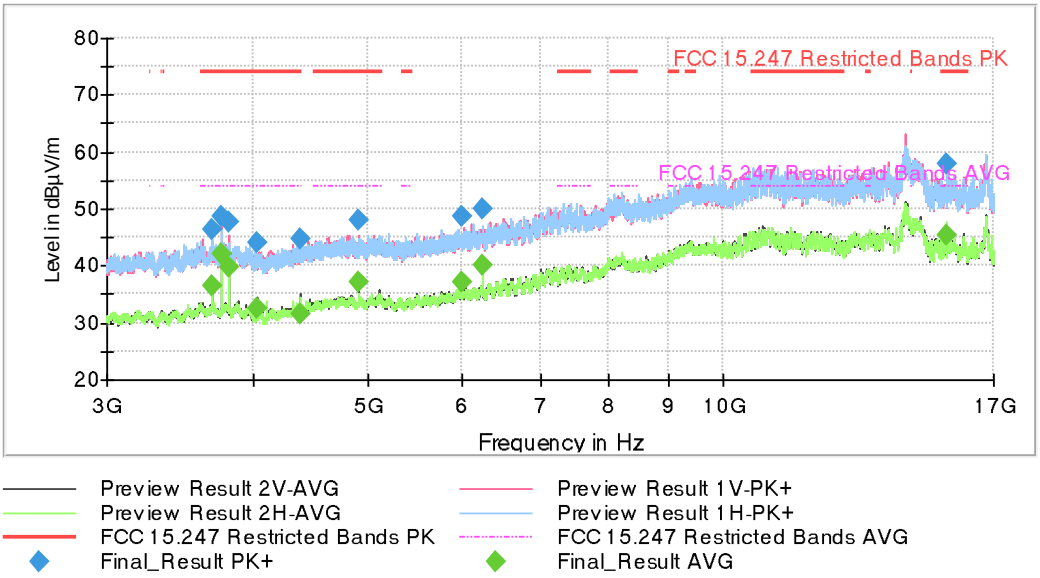
- Channel (2):



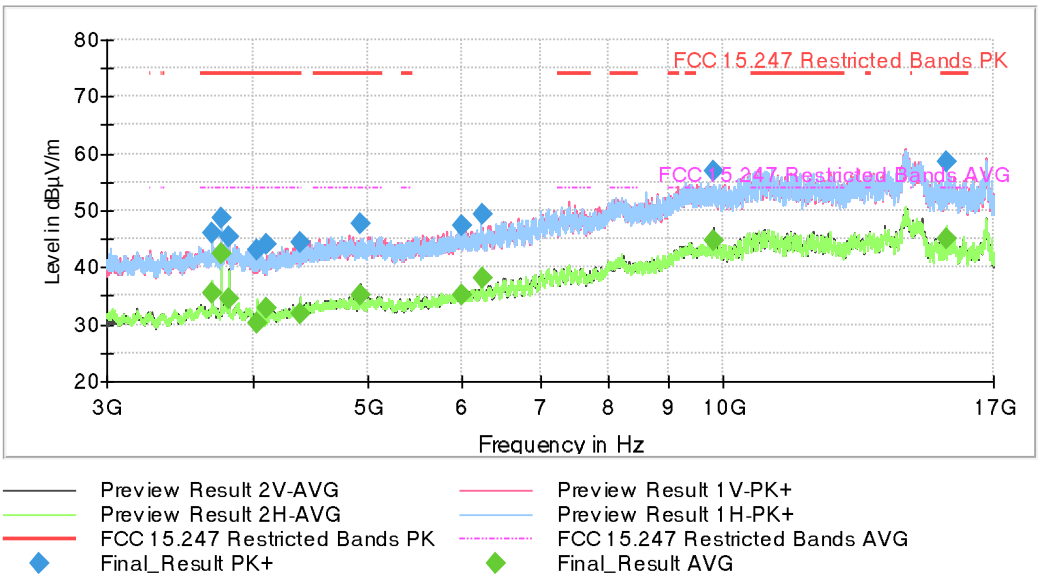
- Middle Channel:



- Channel (10):

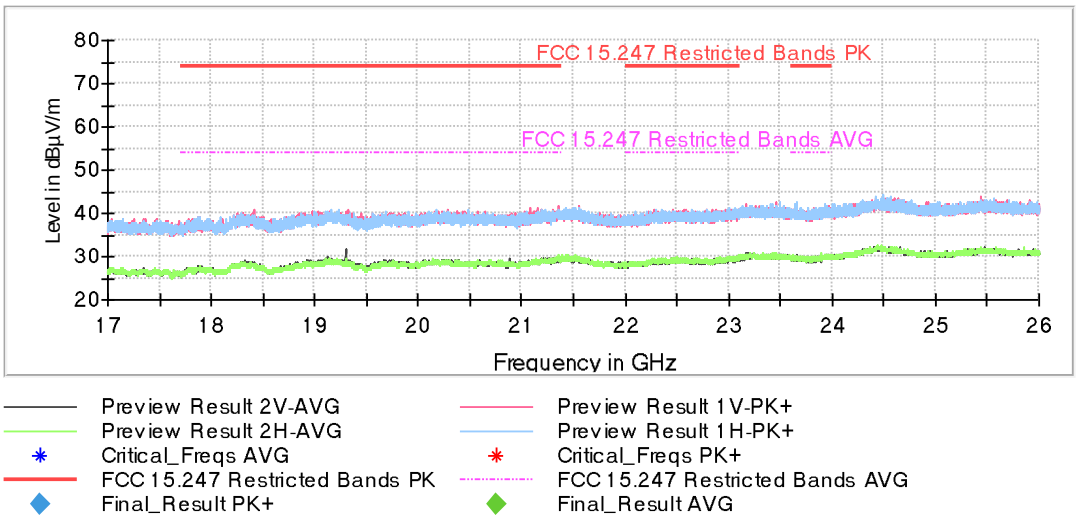


- High Channel:



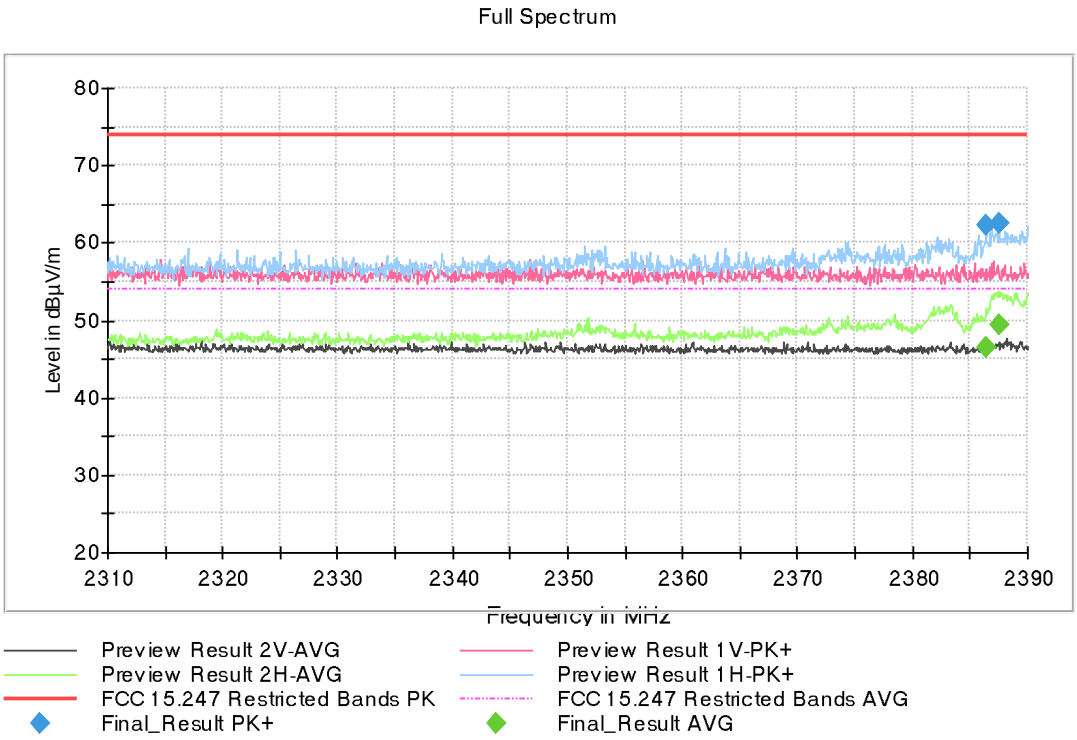
FREQUENCY RANGE 17 - 26 GHz (SISO 802.11 b (DSSS)):

The spurious frequencies detected do not depend on the operating channel.

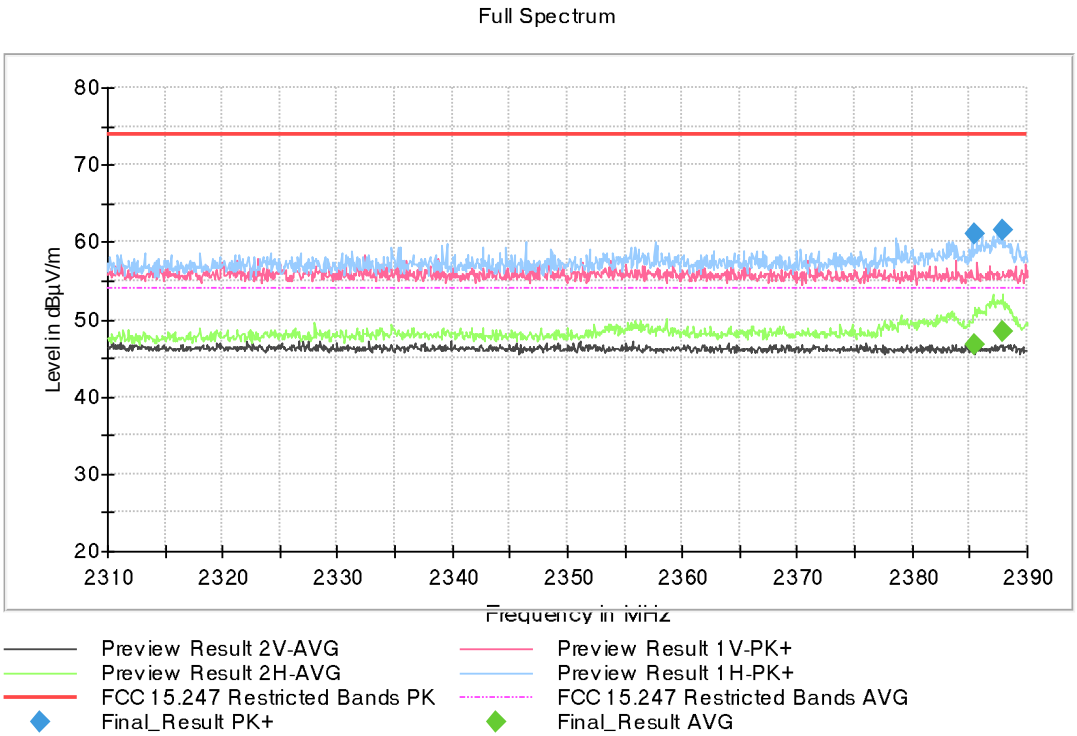


RESTRICTED BAND 2.31-2.39 GHz (SISO 802.11 b (DSSS)):

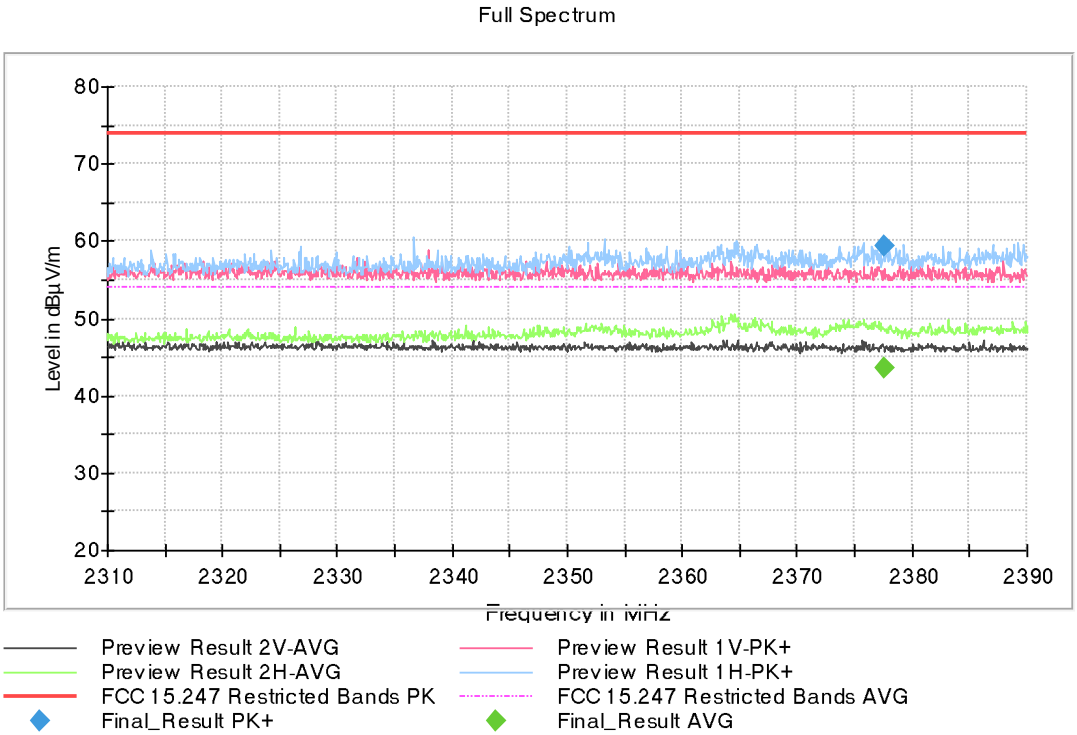
- Low Channel:



- Channel (2):

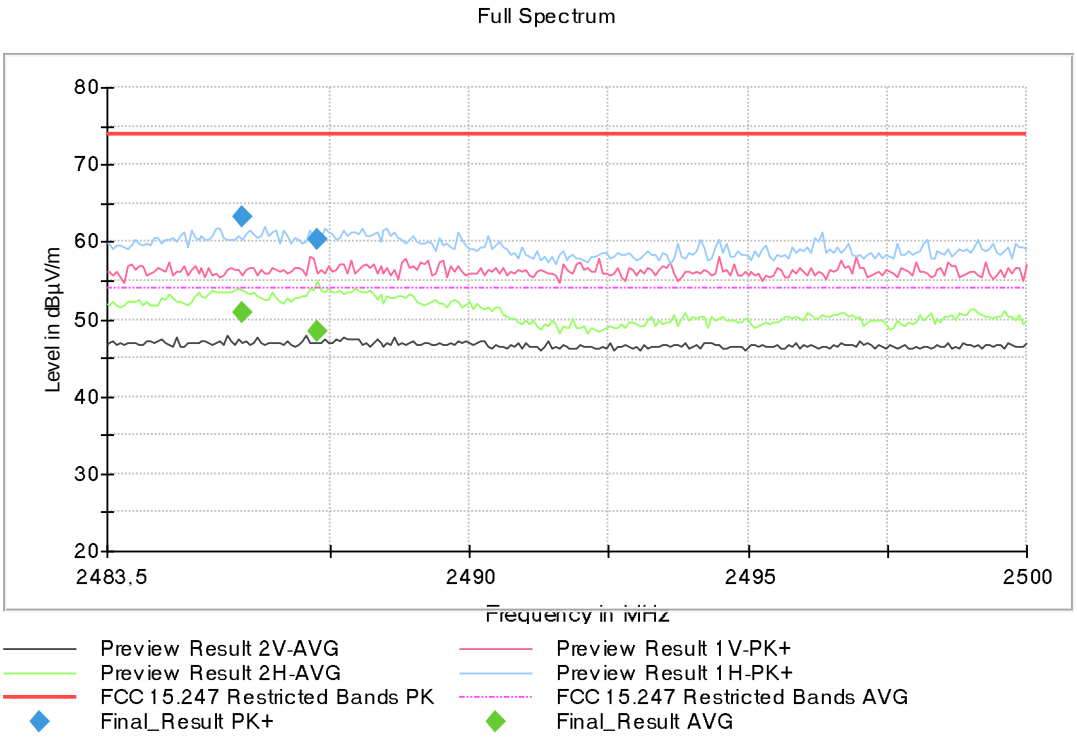


- Middle Channel:

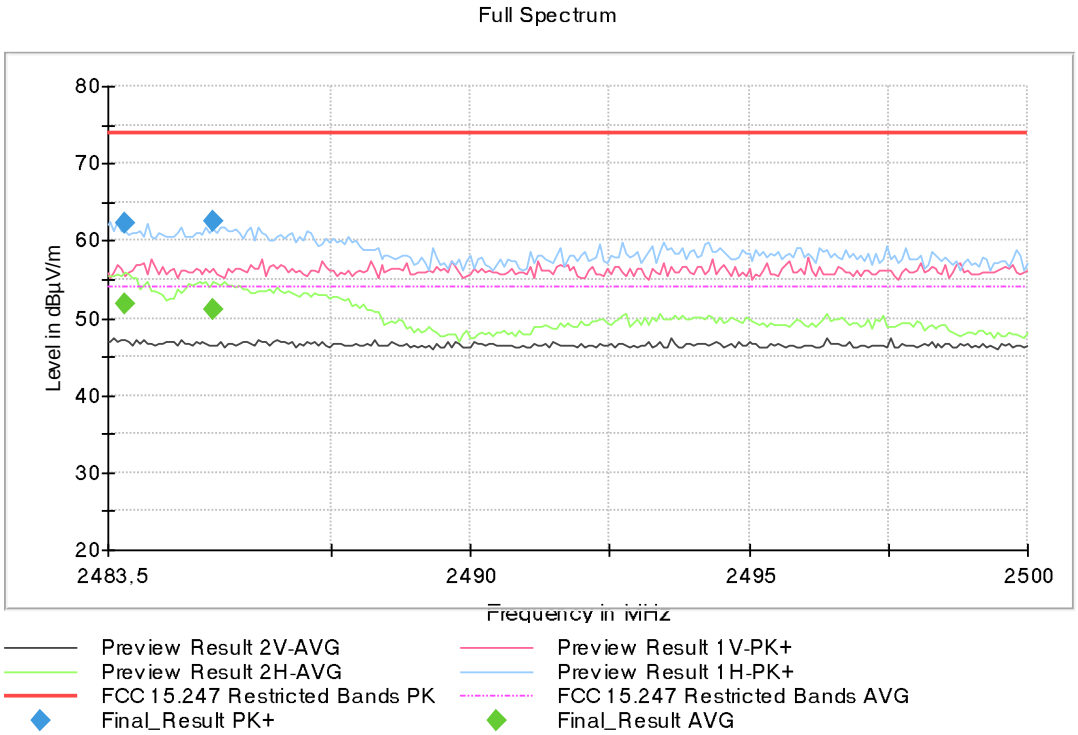


RESTRICTED BAND 2.4835-2.5 GHz (SISO 802.11 b (DSSS)):

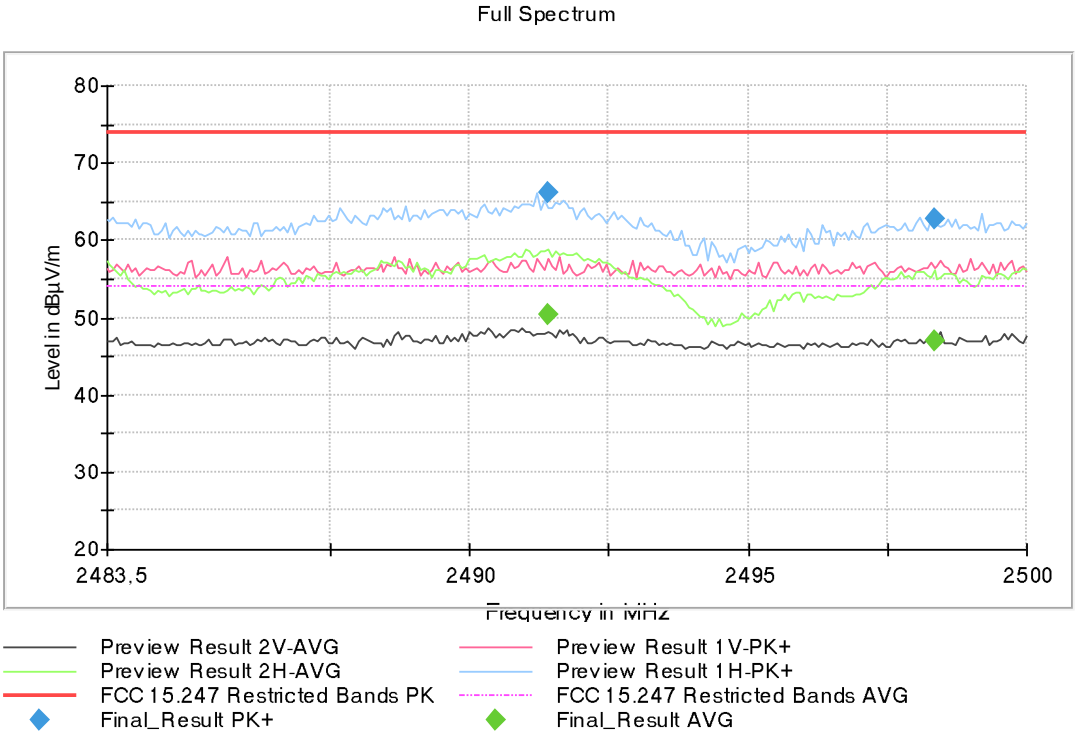
- Middle Channel:



- Channel (10):



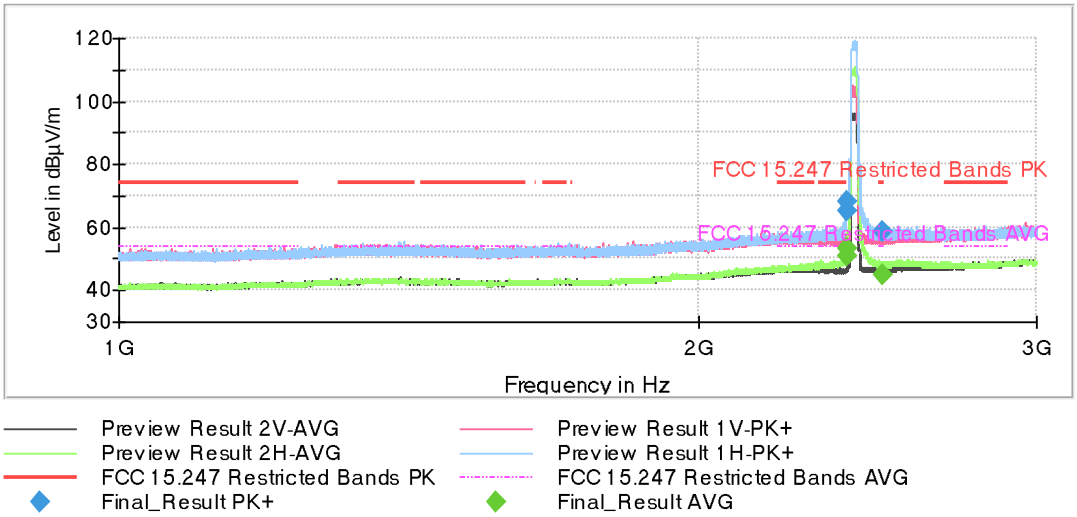
- High Channel:



- **SISO 802.11 g (OFDM worst case for spurious emissions):**

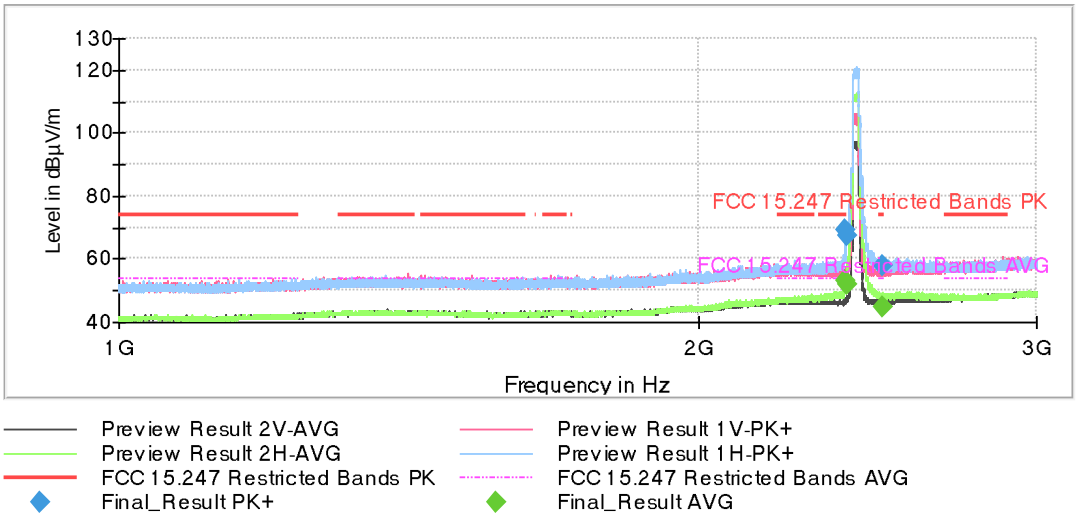
FREQUENCY RANGE 1 - 3 GHz (SISO OFDM worst case for spurious emissions):

- Low Channel:



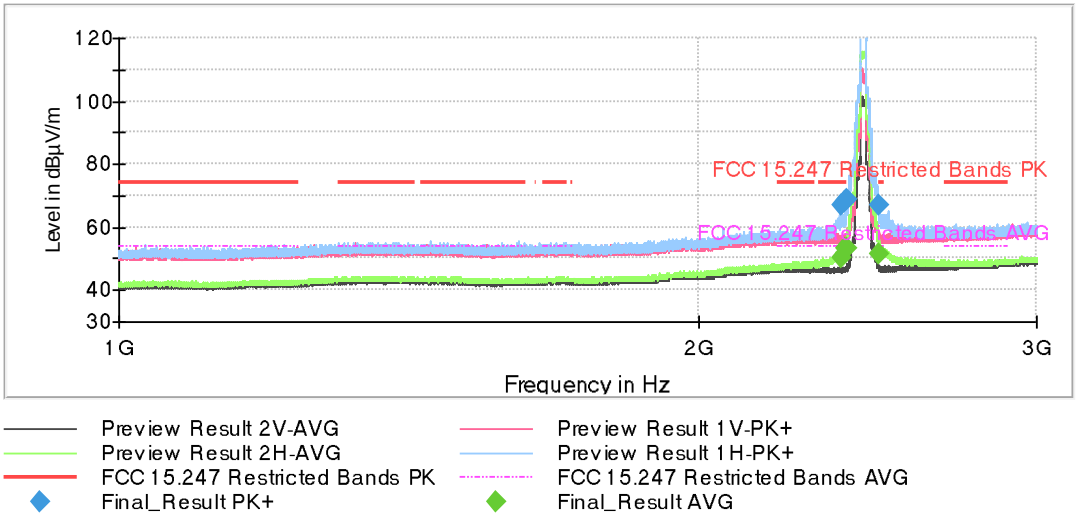
The peak above the limit is the carrier frequency.

- Channel (2):



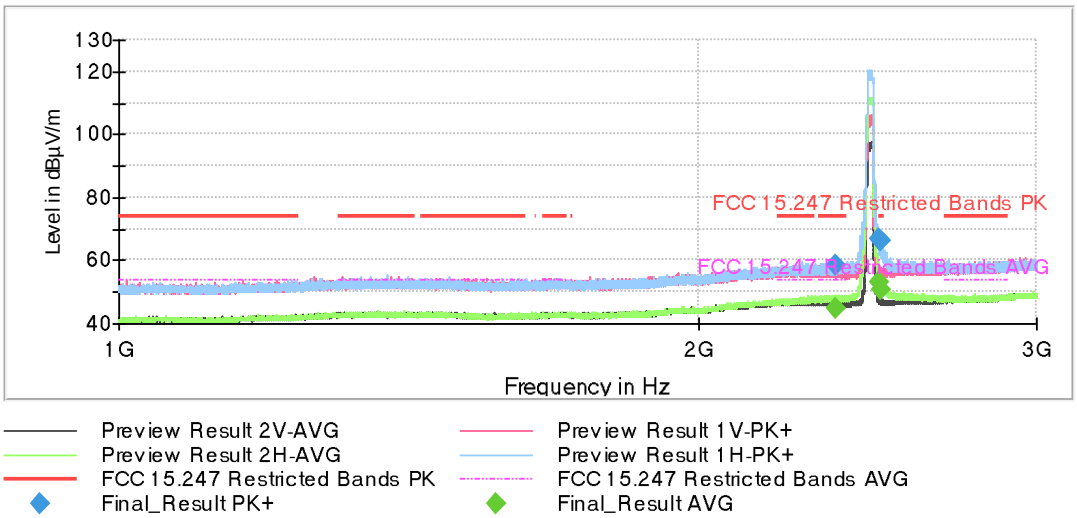
The peak above the limit is the carrier frequency.

- Middle Channel:



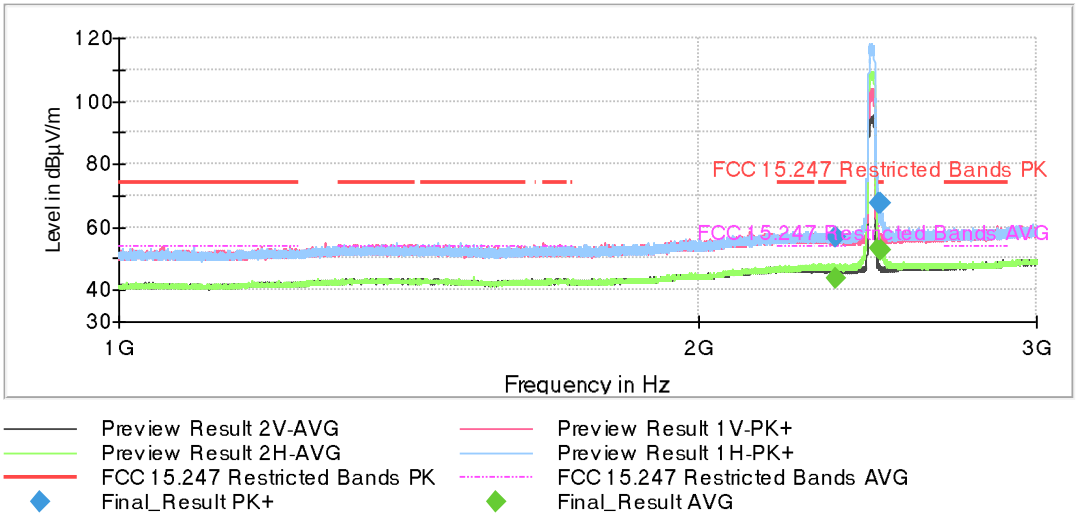
The peak above the limit is the carrier frequency.

- Channel (10):



The peak above the limit is the carrier frequency.

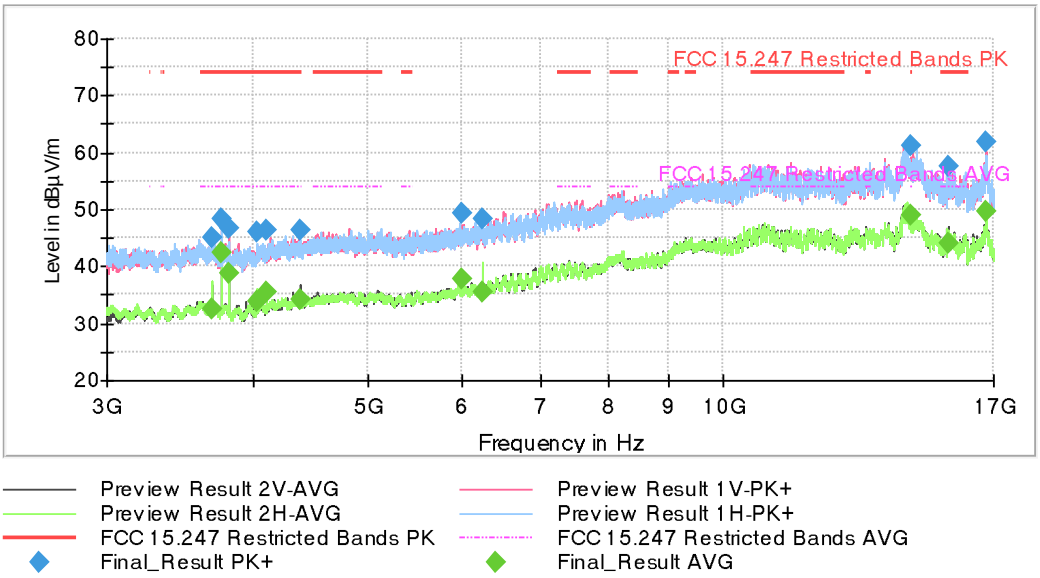
- High Channel:



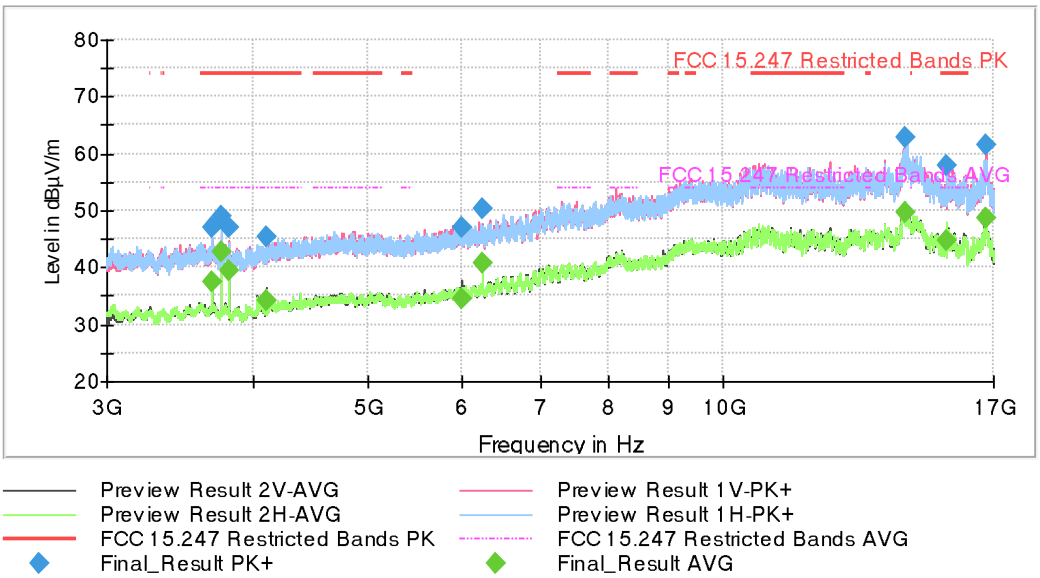
The peak above the limit is the carrier frequency.

FREQUENCY RANGE 3 - 17 GHz (SISO OFDM worst case for spurious emissions):

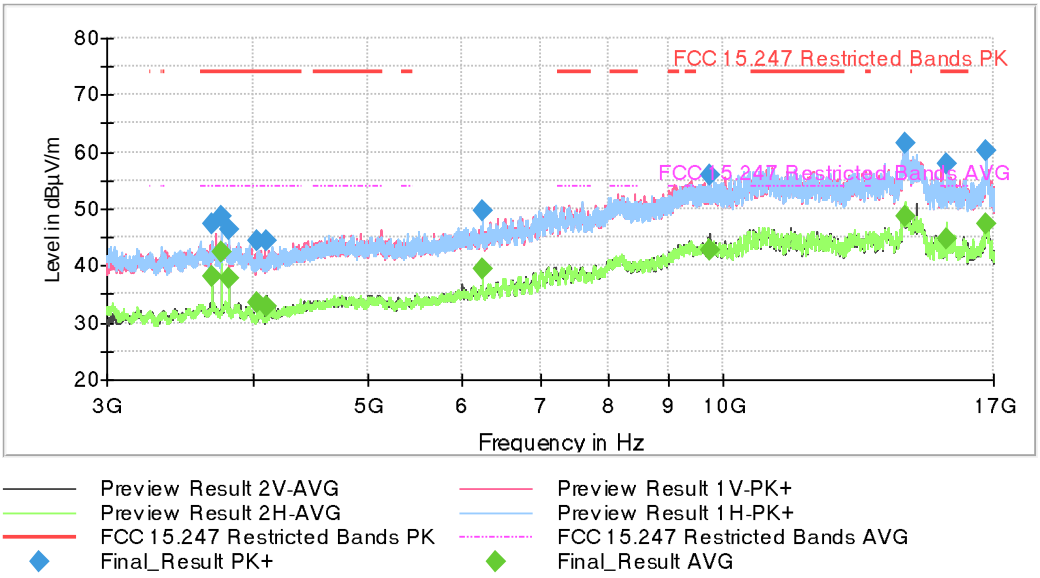
- Low Channel:



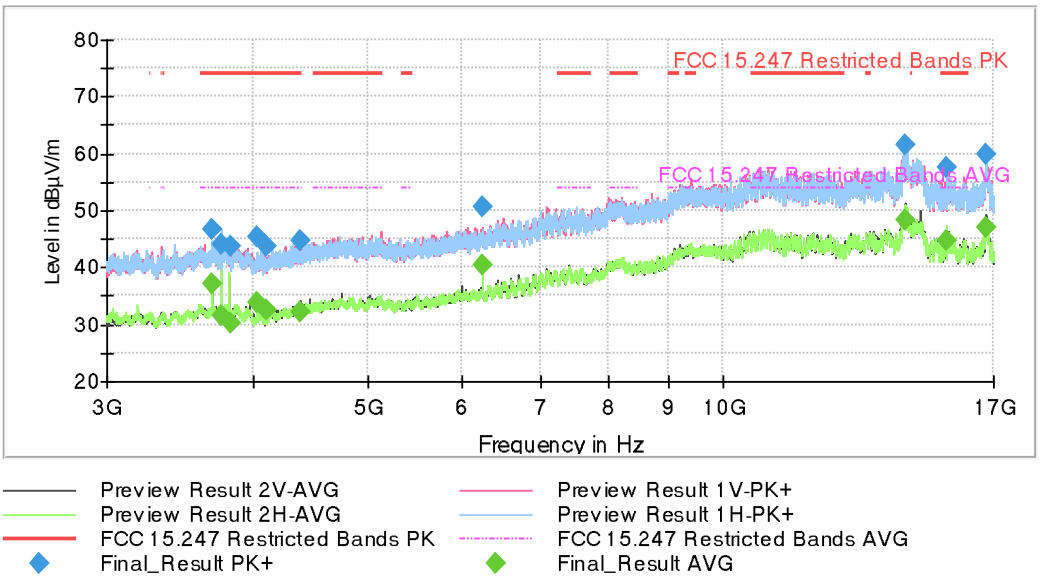
- Channel (2):



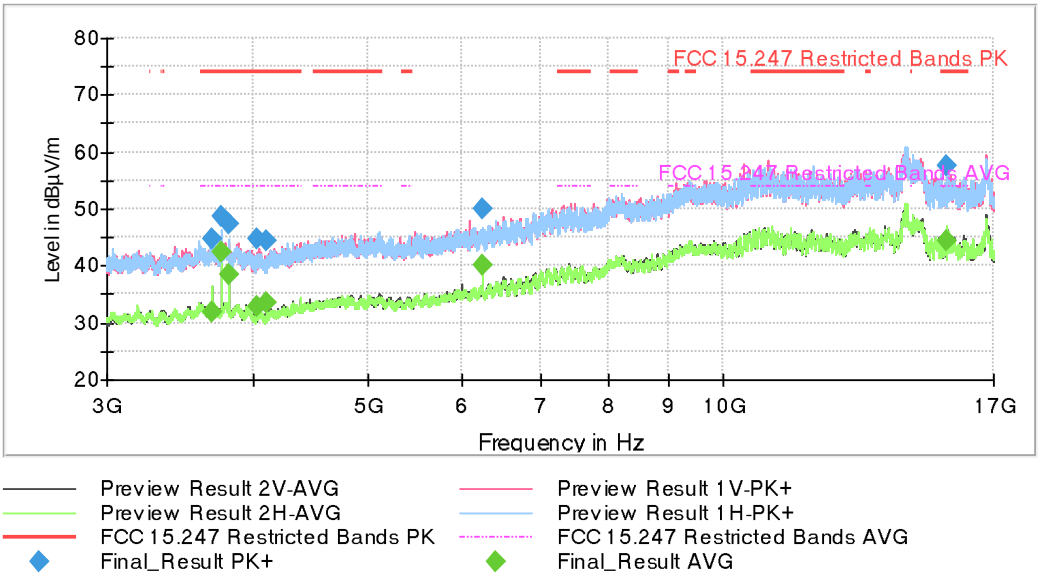
- Middle Channel:



- Channel (10):

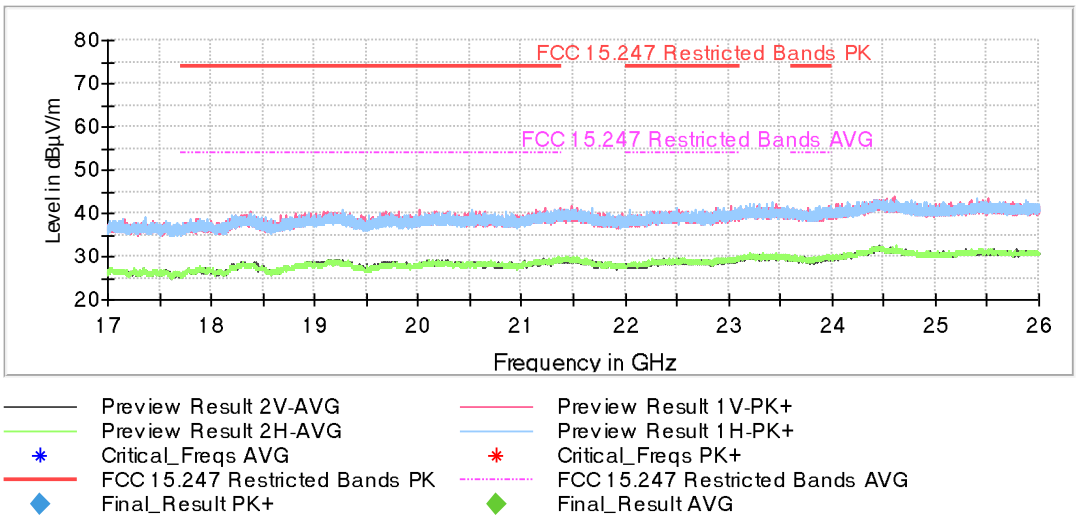


- High Channel:



FREQUENCY RANGE 17 - 26 GHz (SISO OFDM worst case for spurious emissions):

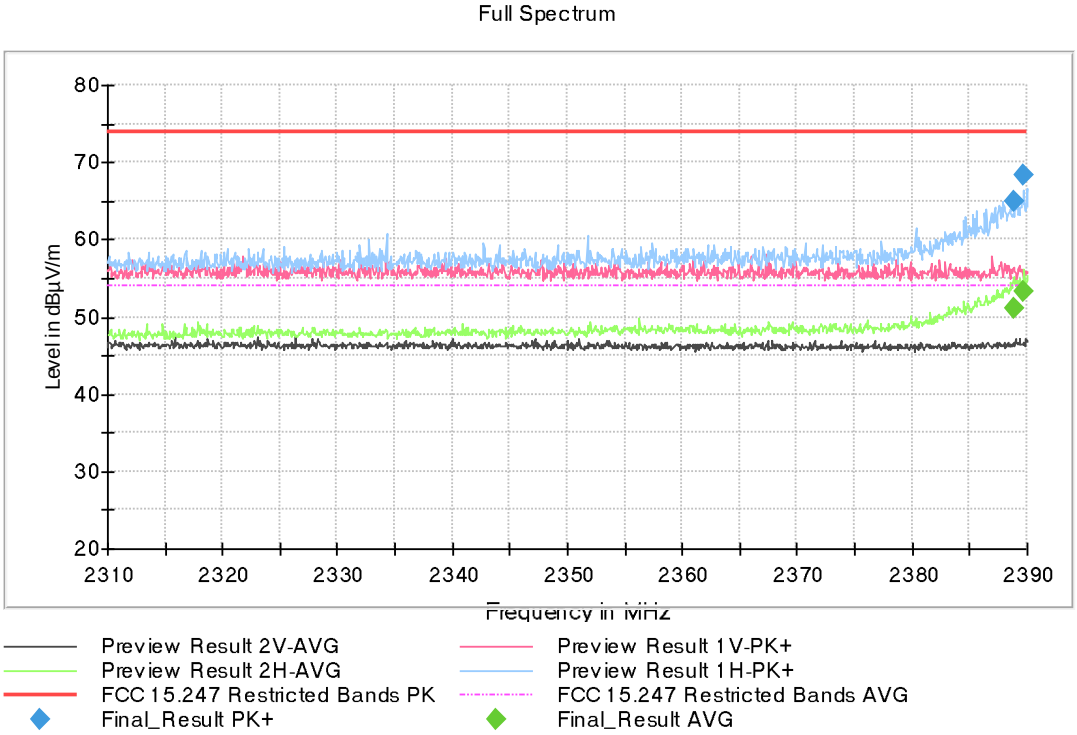
The spurious frequencies detected do not depend on the operating channel.



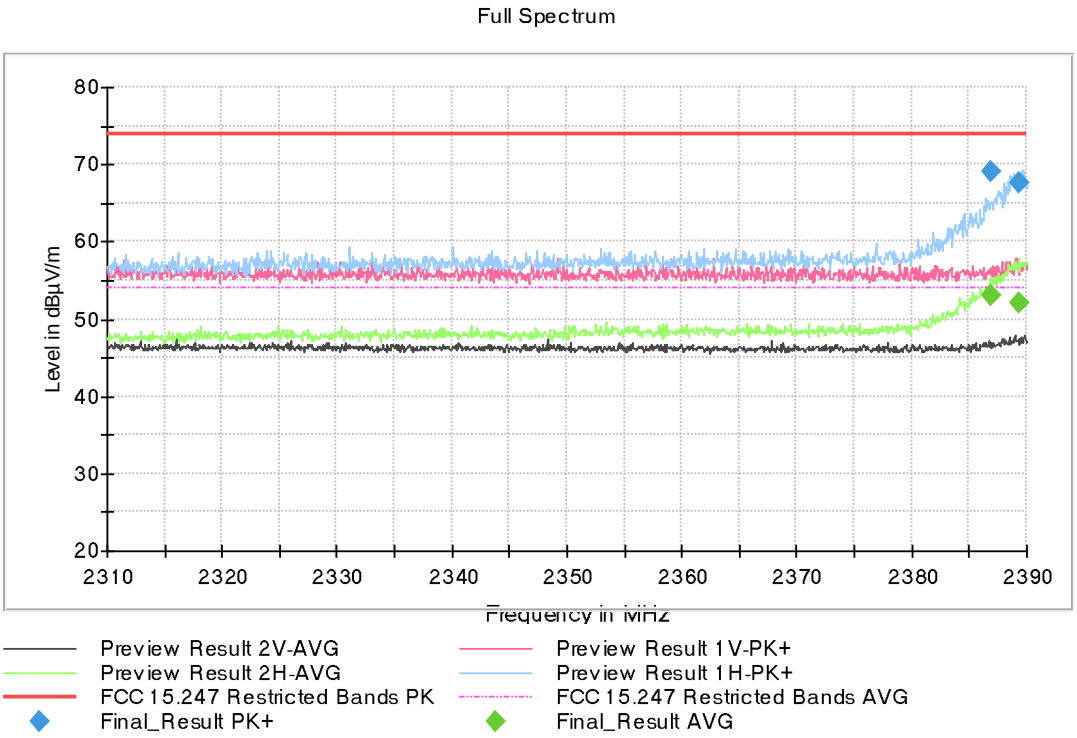
RESTRICTED BAND 2.31-2.39 GHz

- **SISO 802.11 g (OFDM):**

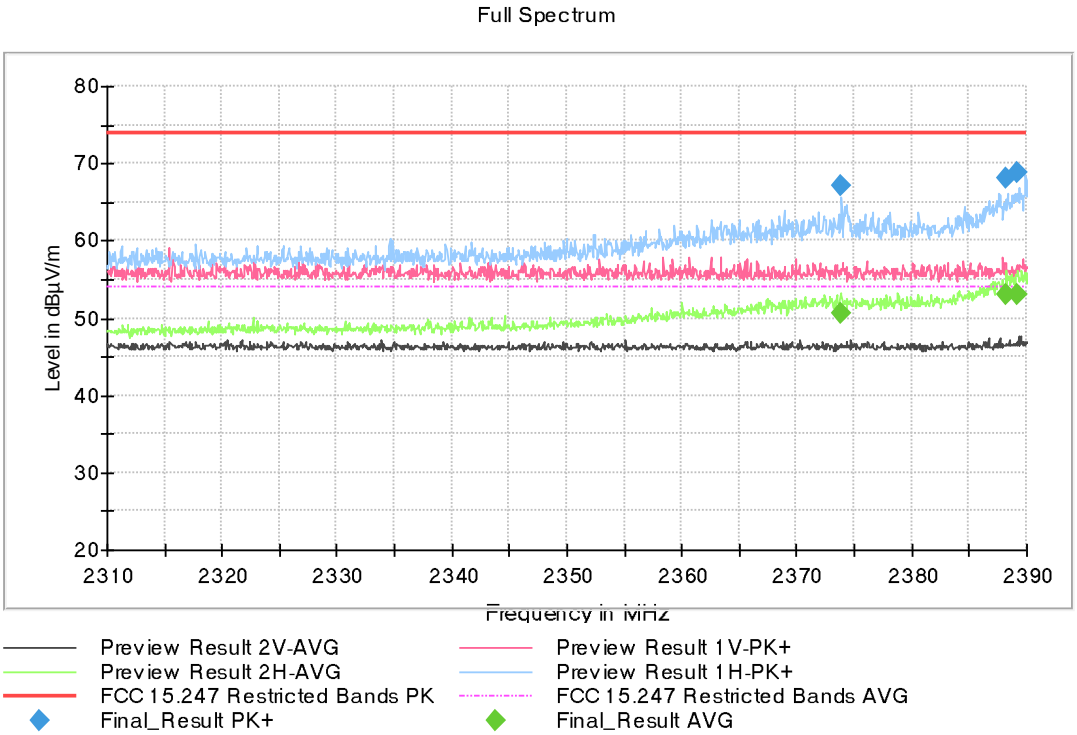
- Low Channel:



- Channel (2):

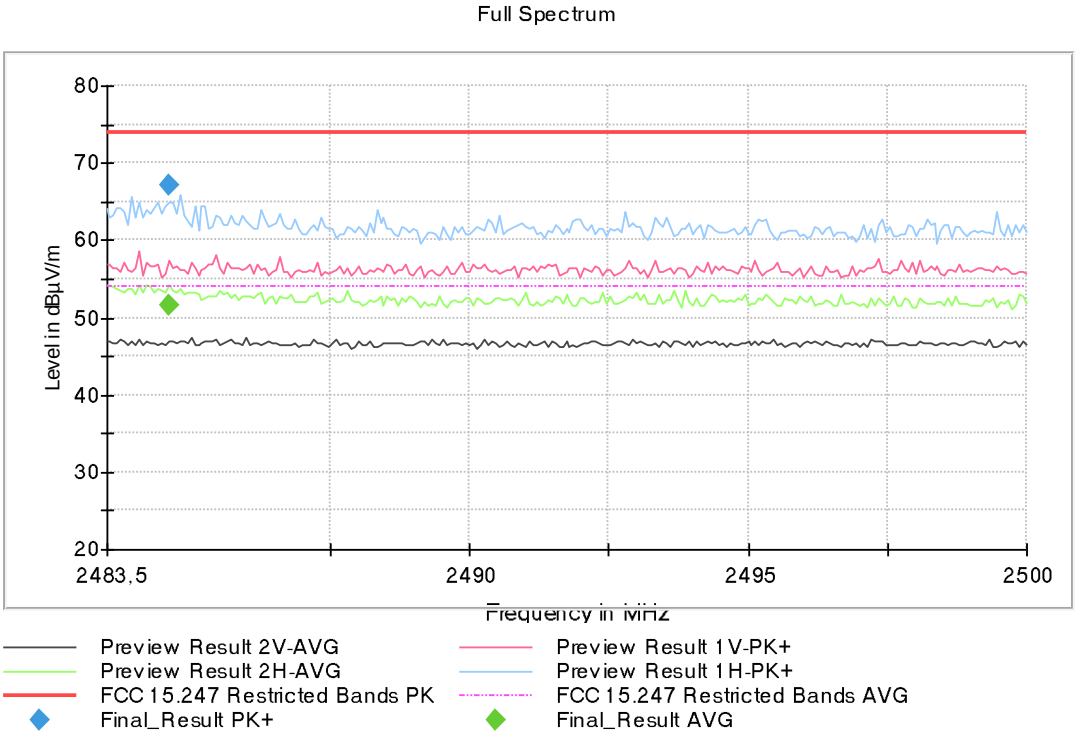


- Middle Channel:

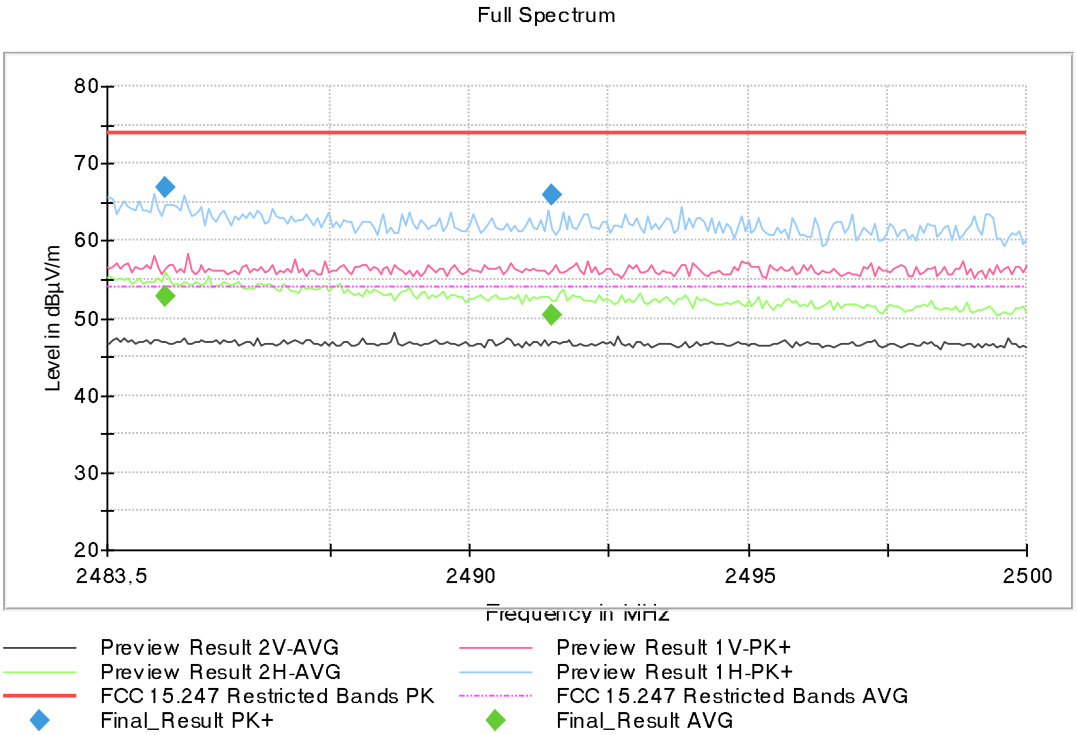


RESTRICTED BAND 2.4835-2.5 GHz:

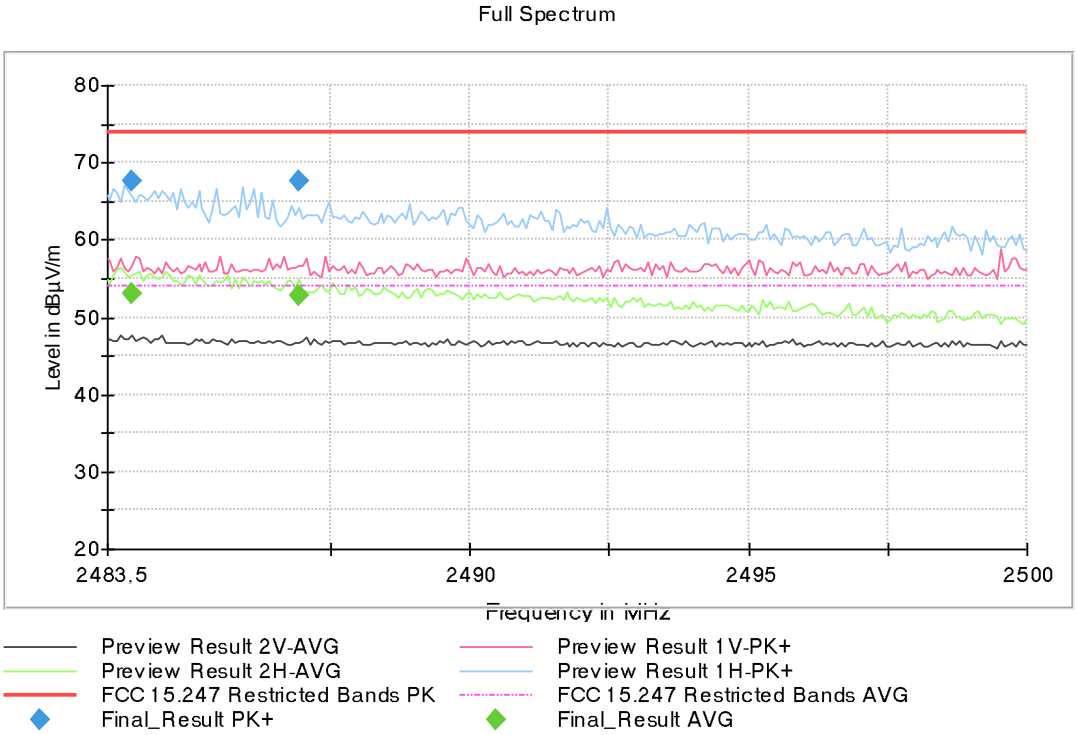
- Middle Channel:



- Channel (10):

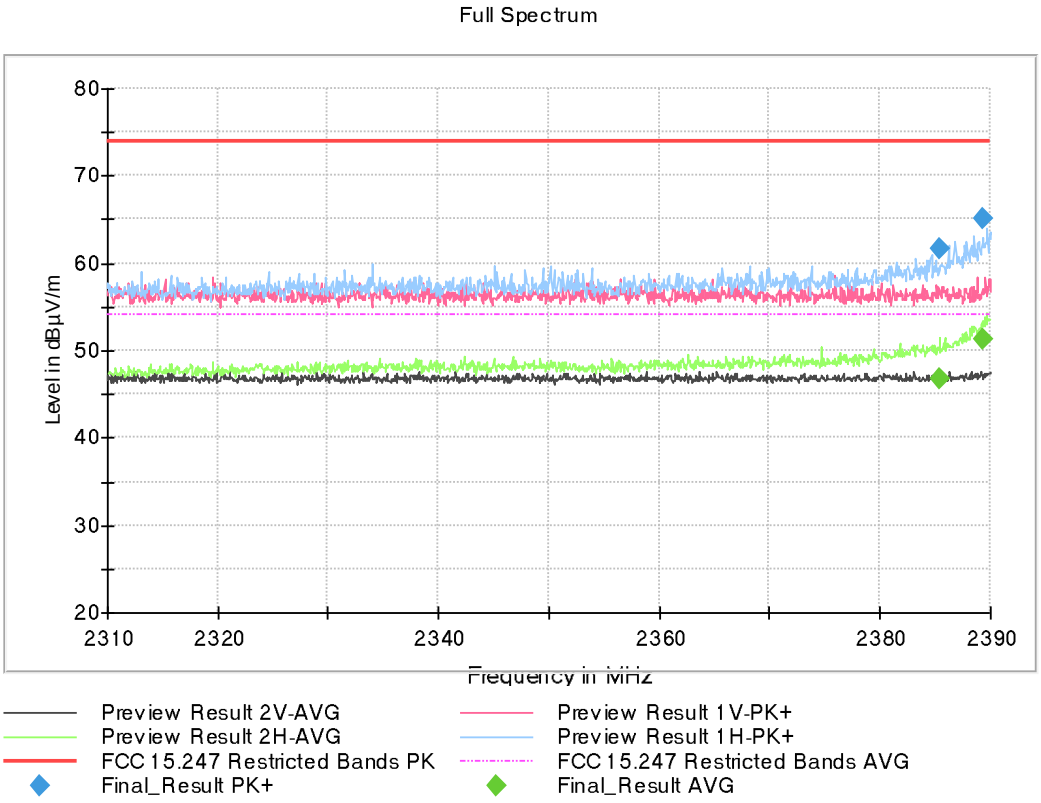


- High Channel:

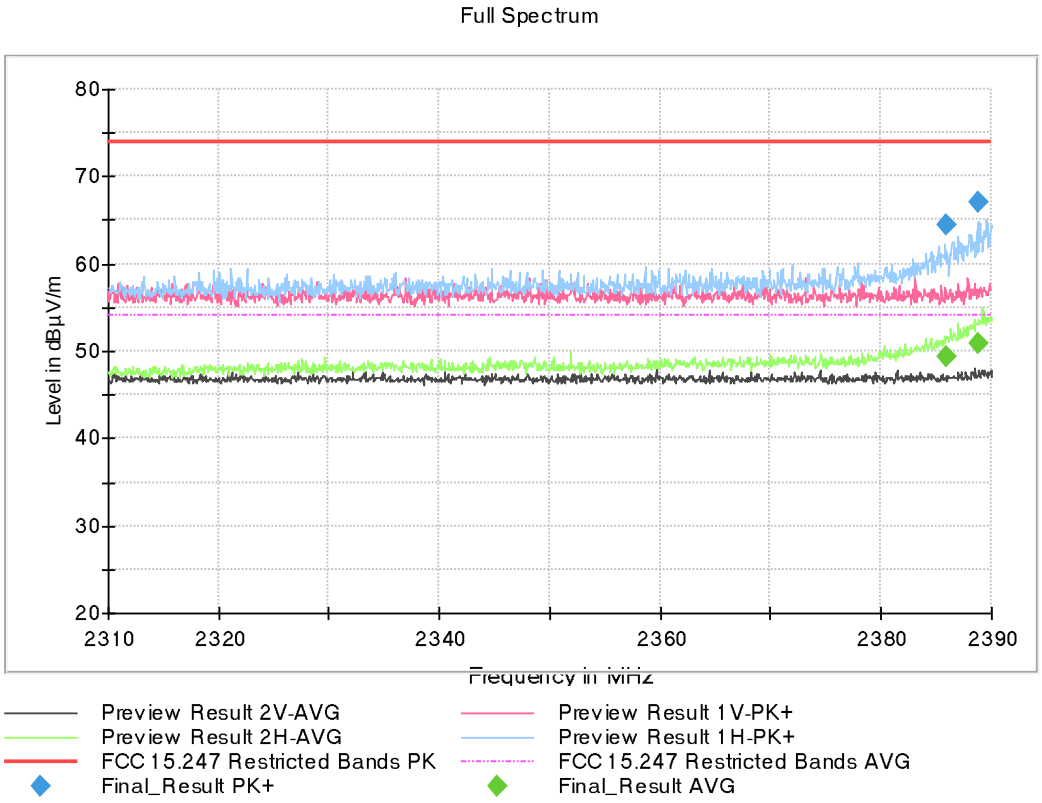


- **SISO 802.11 n20 (OFDM):**

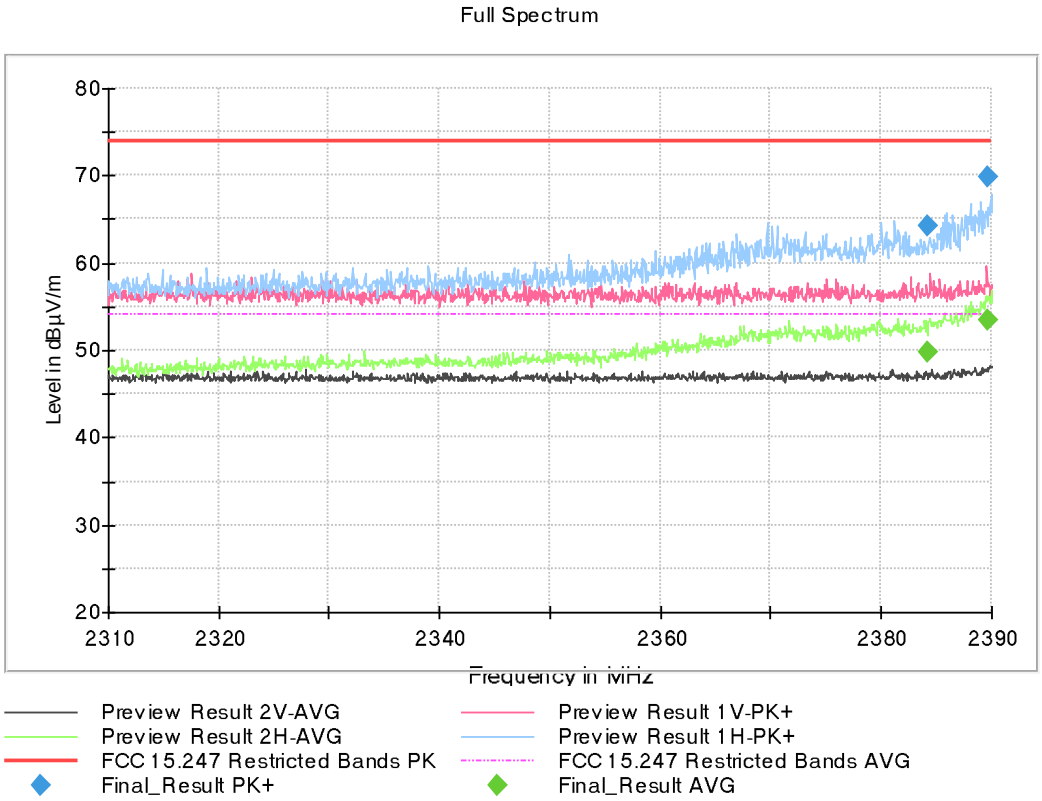
RESTRICTED BAND 2.31-2.39 GHz (SISO 802.11 n20 (OFDM)):
- Low Channel:



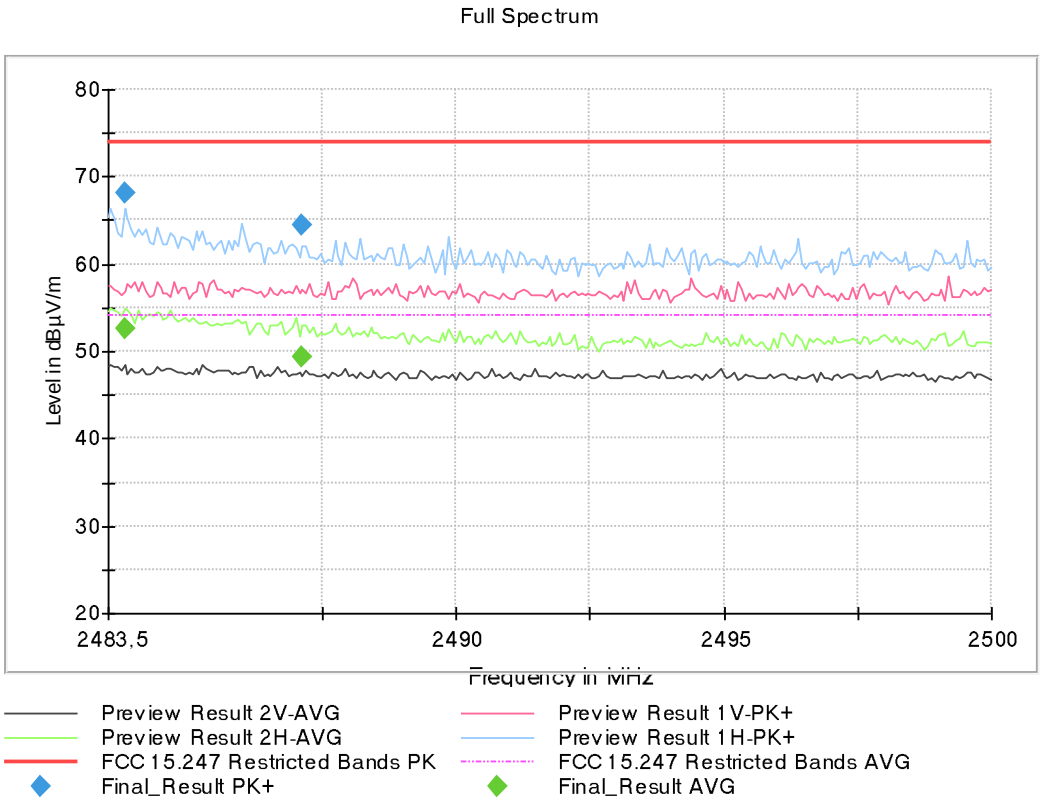
- Channel (2):



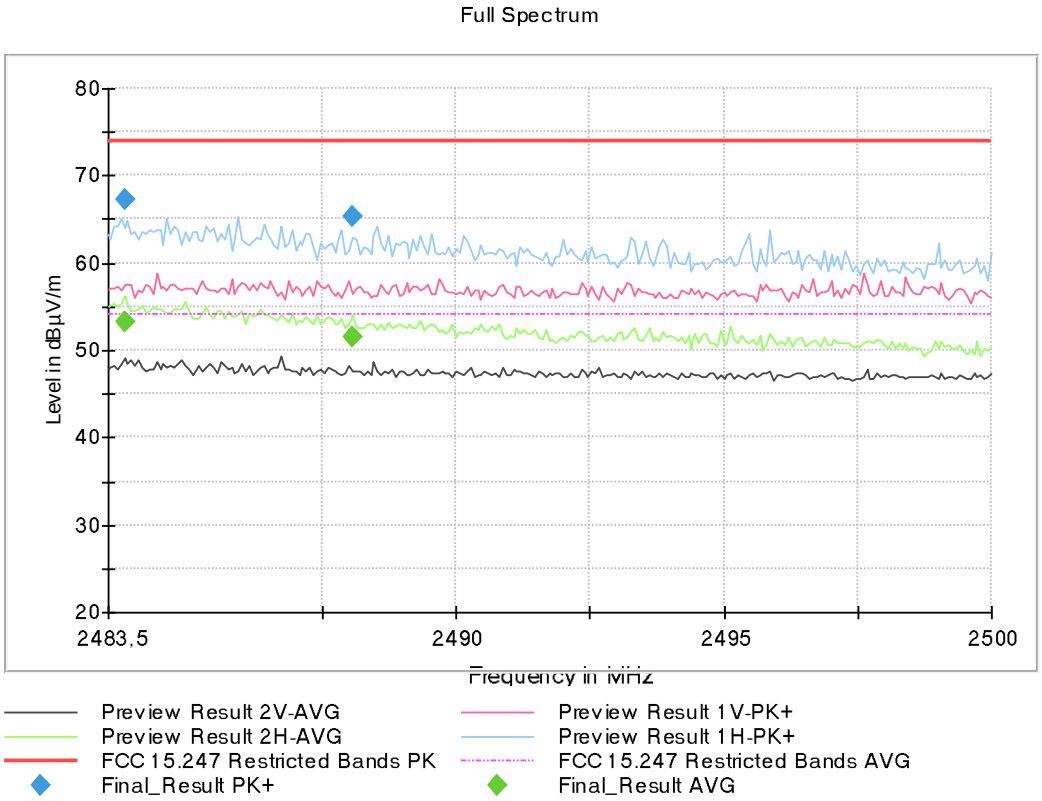
- Middle Channel:



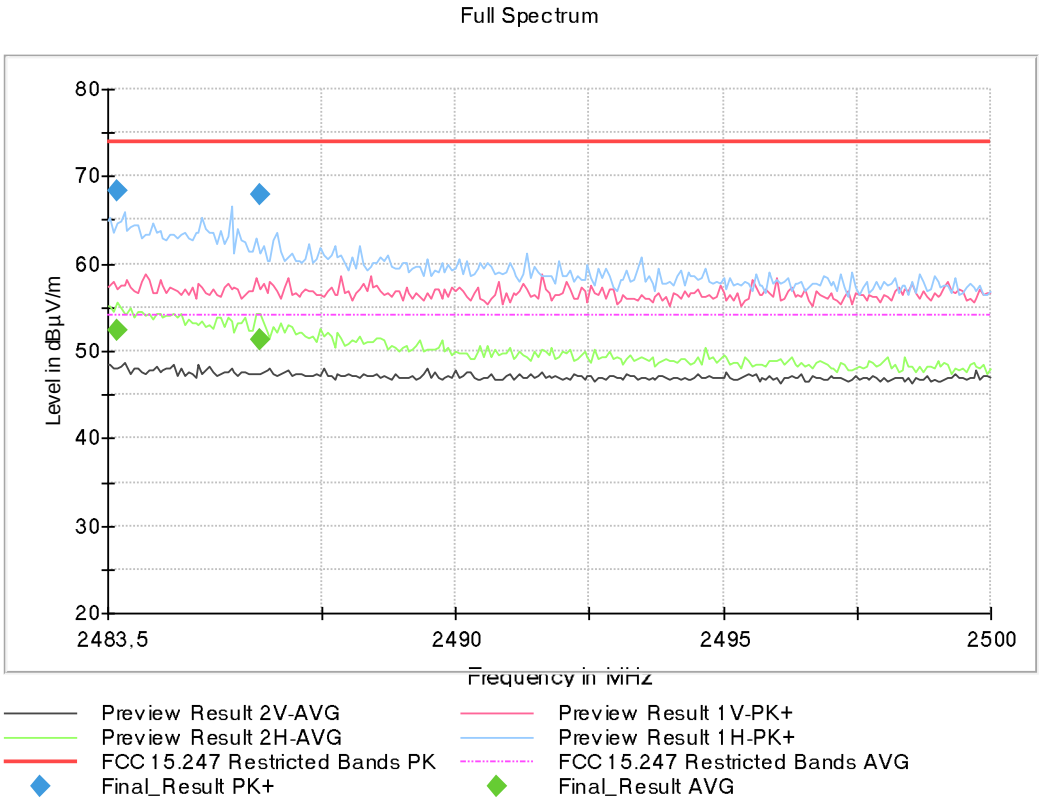
RESTRICTED BAND 2.4835-2.5 GHz (SISO 802.11 n20 (OFDM)):
- Middle Channel:



- Channel (10):

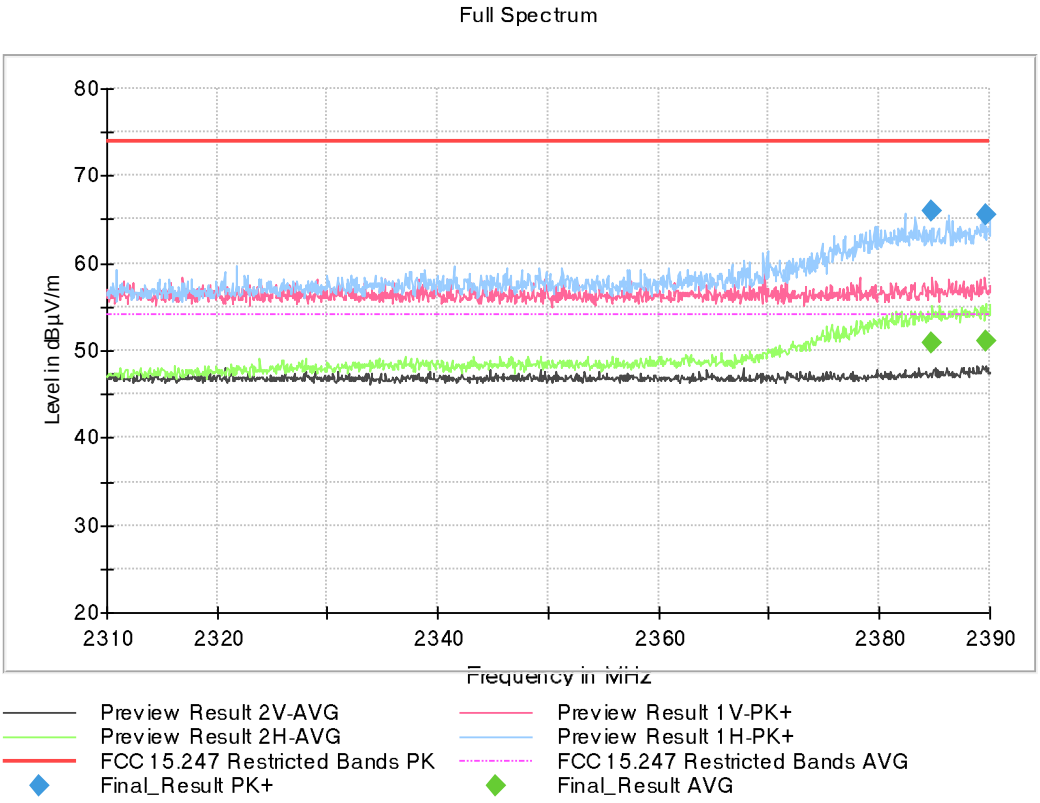


- High Channel:

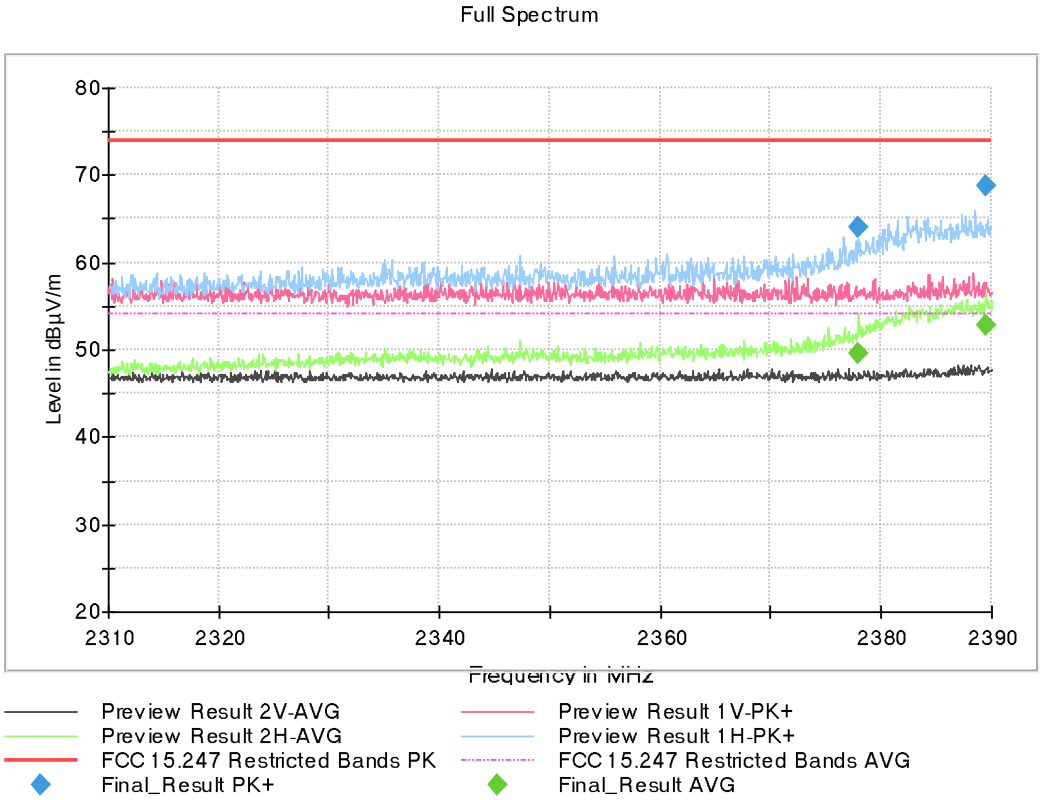


- **SISO 802.11 n40 (OFDM):**

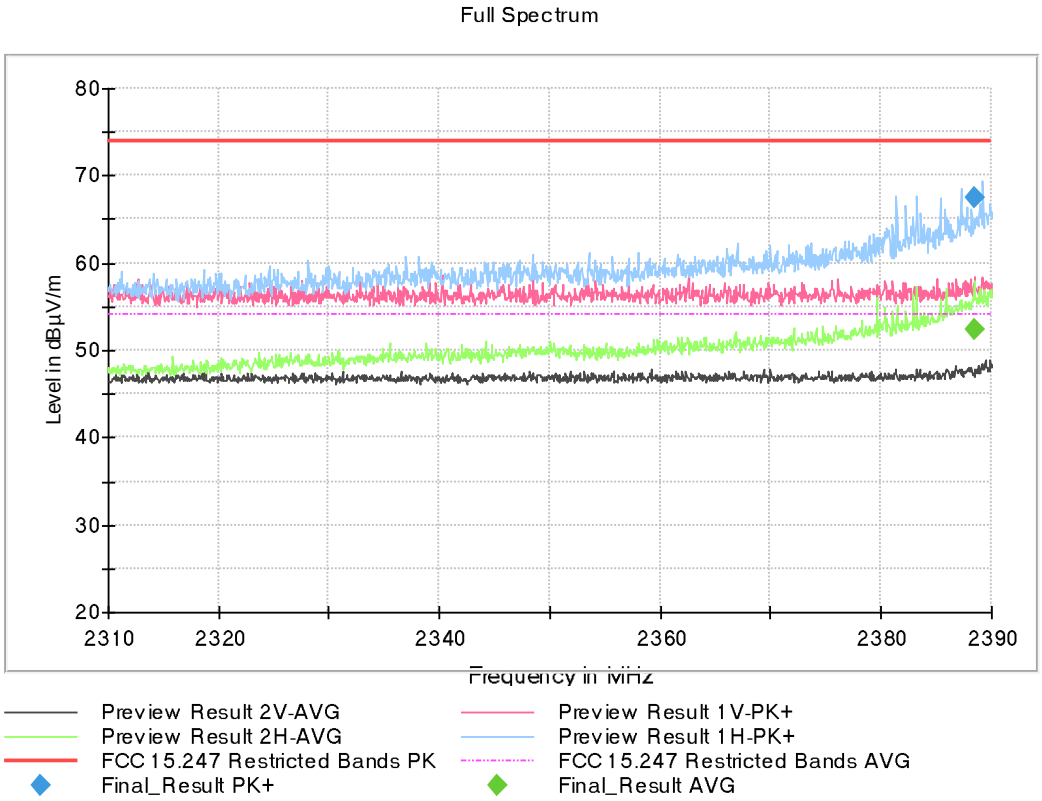
RESTRICTED BAND 2.31-2.39 GHz (SISO 802.11 n40 (OFDM)):
- Low Channel:



- Channel (4):

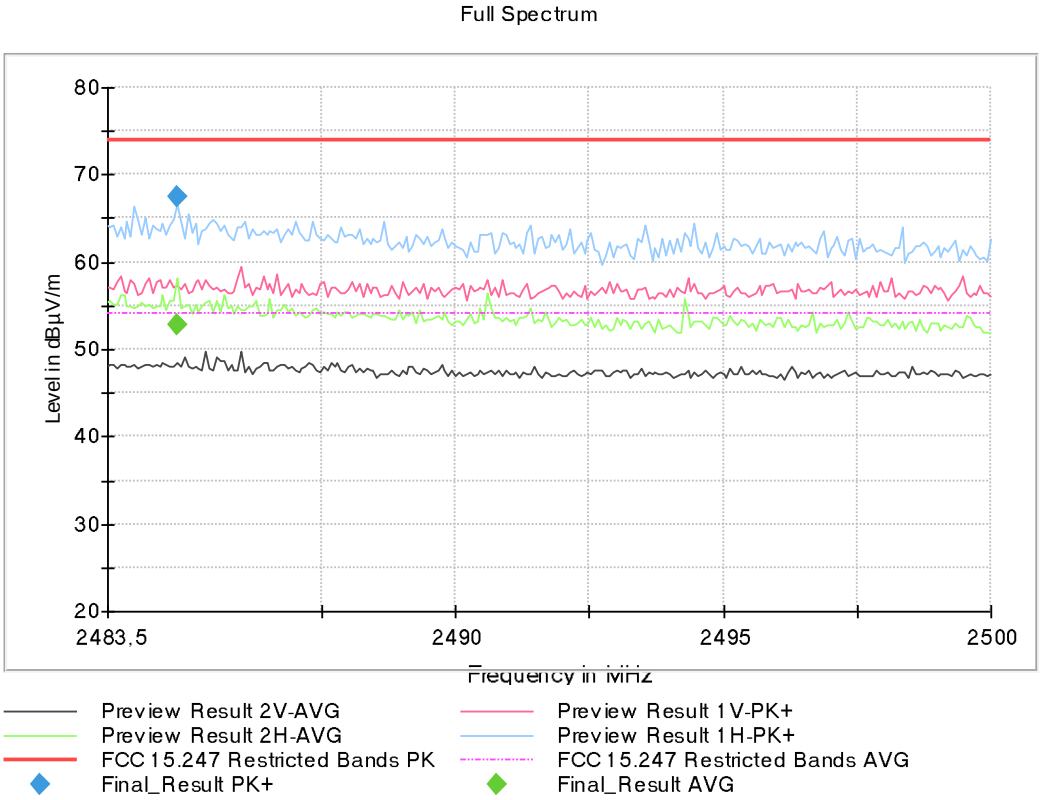


- Middle Channel:

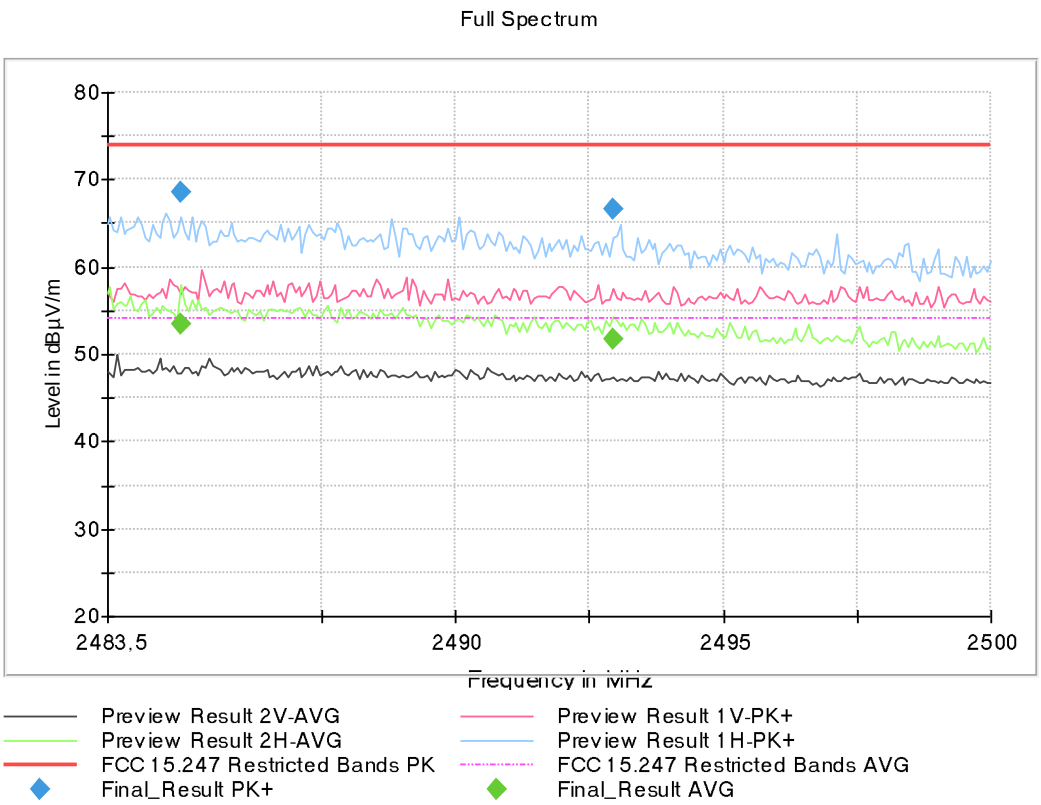


RESTRICTED BAND 2.4835-2.5 GHz (SISO 802.11 n40 (OFDM)):

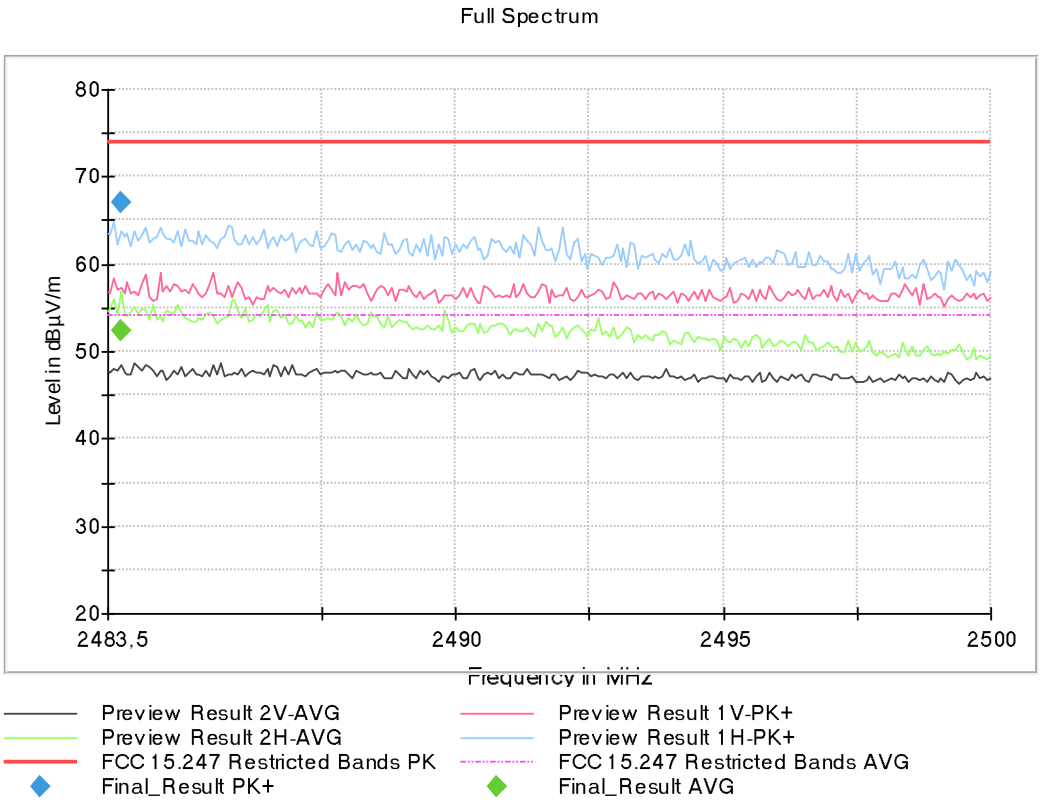
- Middle Channel:



- Channel (8):



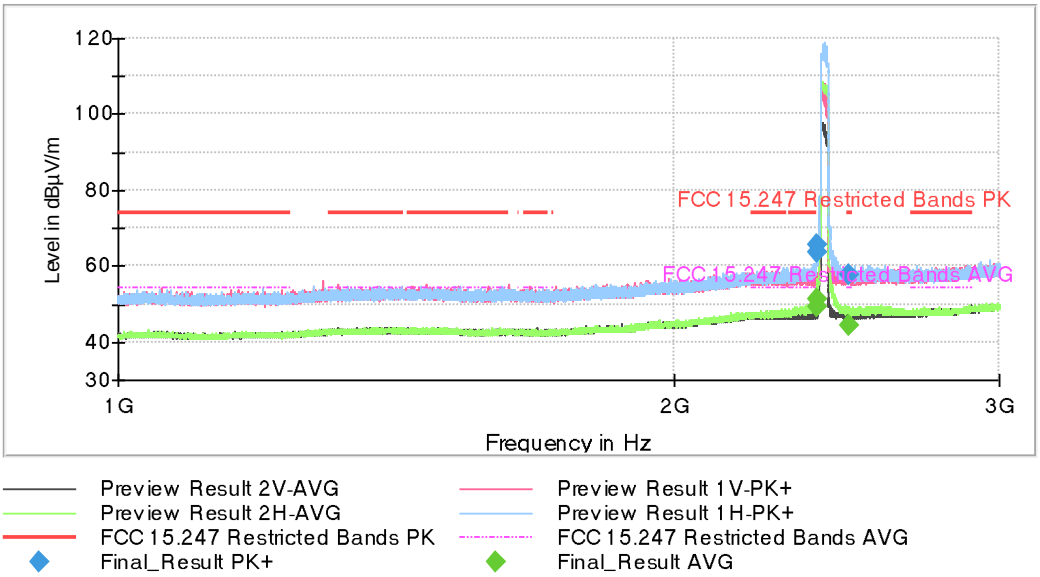
- High Channel:



- **SISO 802.11 he20 (OFDMA worst case for spurious emissions):**

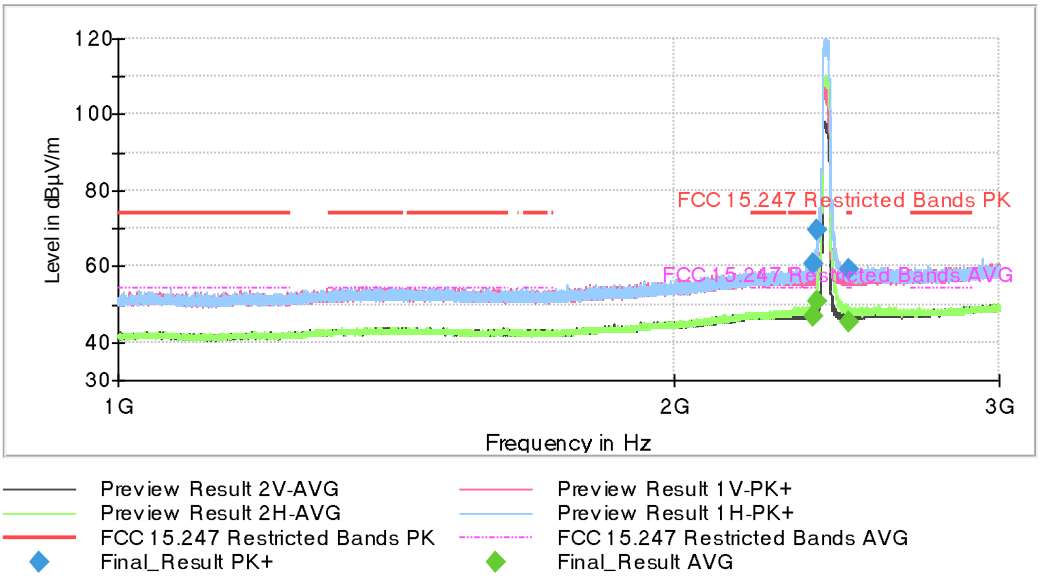
FREQUENCY RANGE 1 - 3 GHz (SISO OFDMA worst case for spurious emissions):

- Low Channel:



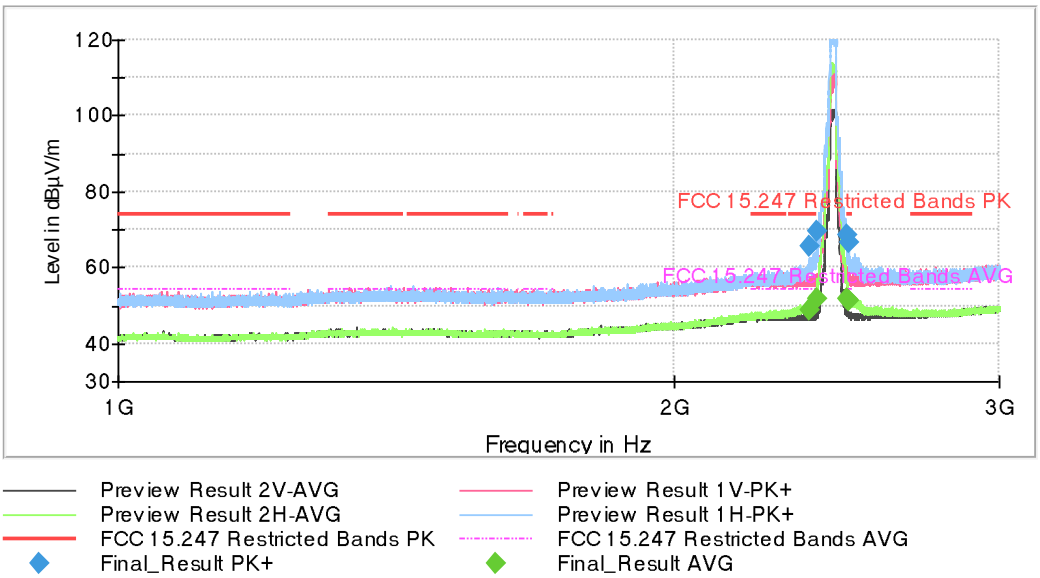
The peak above the limit is the carrier frequency.

- Channel (2):



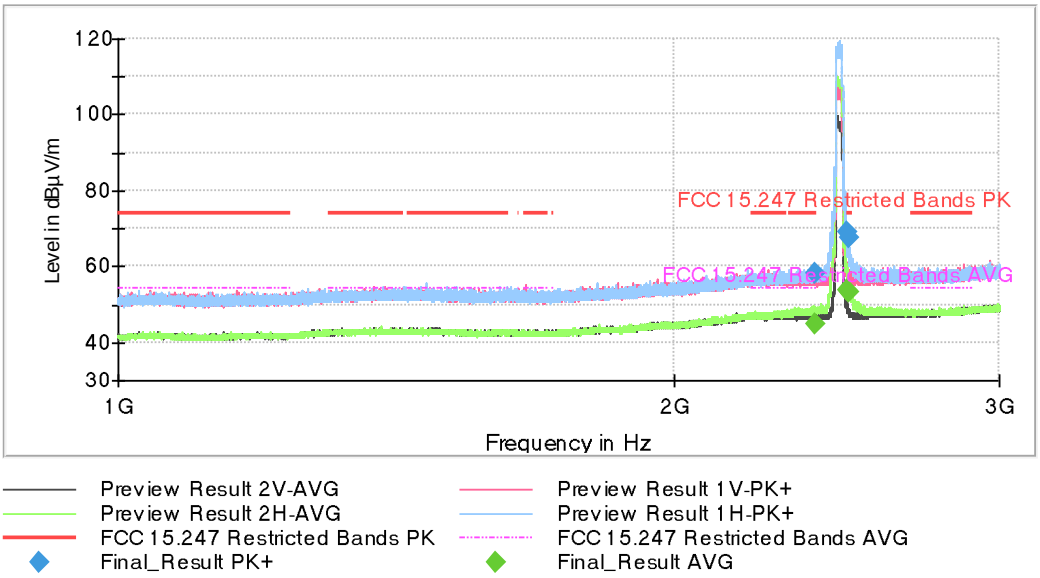
The peak above the limit is the carrier frequency.

- Middle Channel:



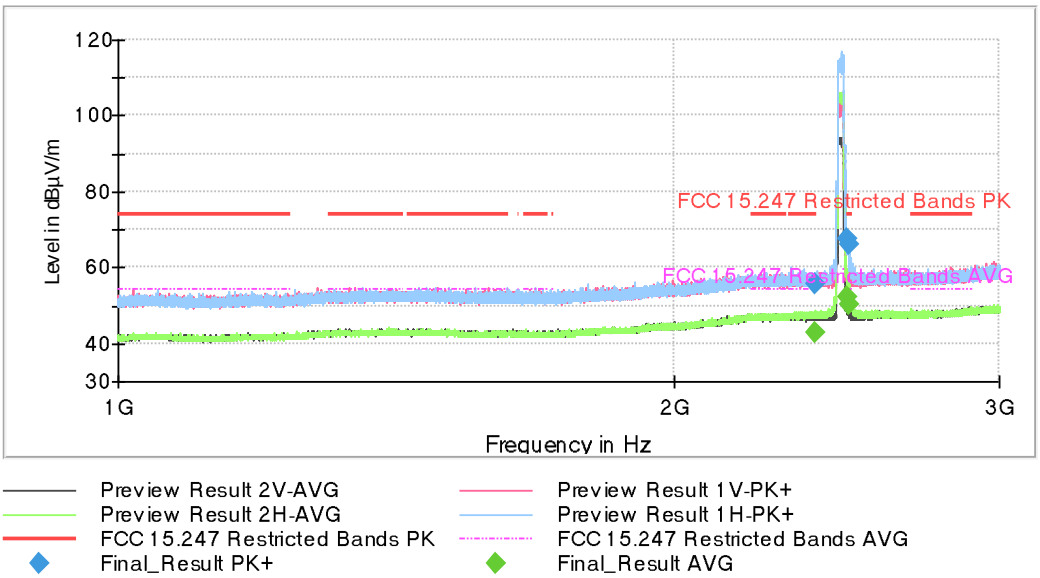
The peak above the limit is the carrier frequency.

- Channel (10):



The peak above the limit is the carrier frequency.

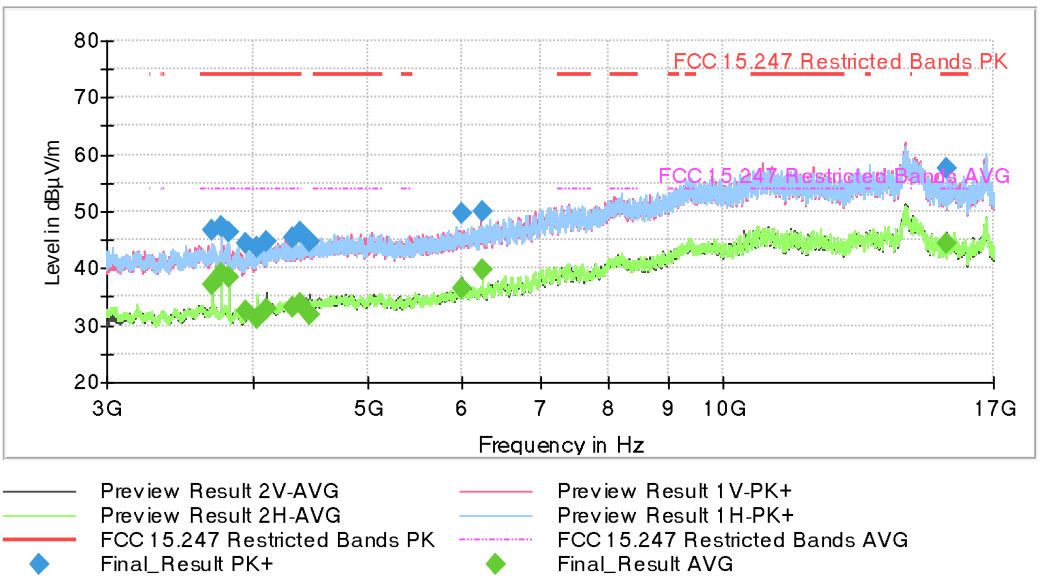
- High Channel:



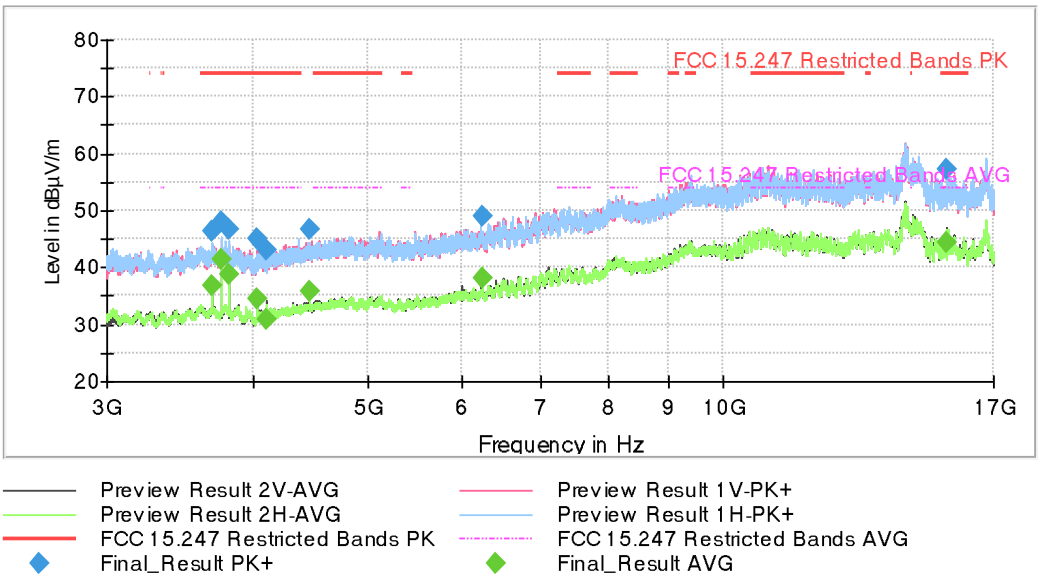
The peak above the limit is the carrier frequency.

FREQUENCY RANGE 3 - 17 GHz (SISO OFDMA worst case for spurious emissions):

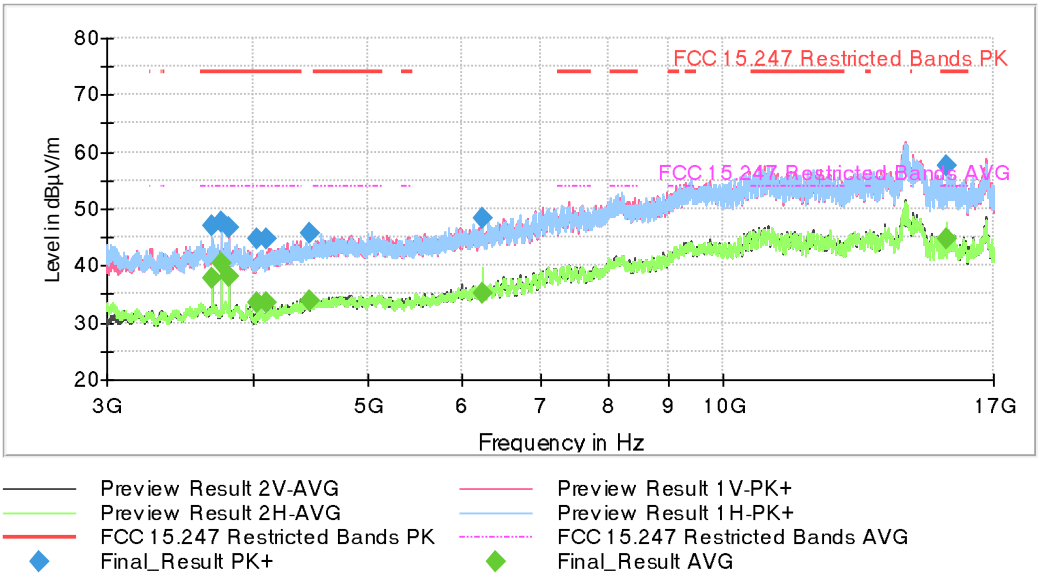
- Low Channel:



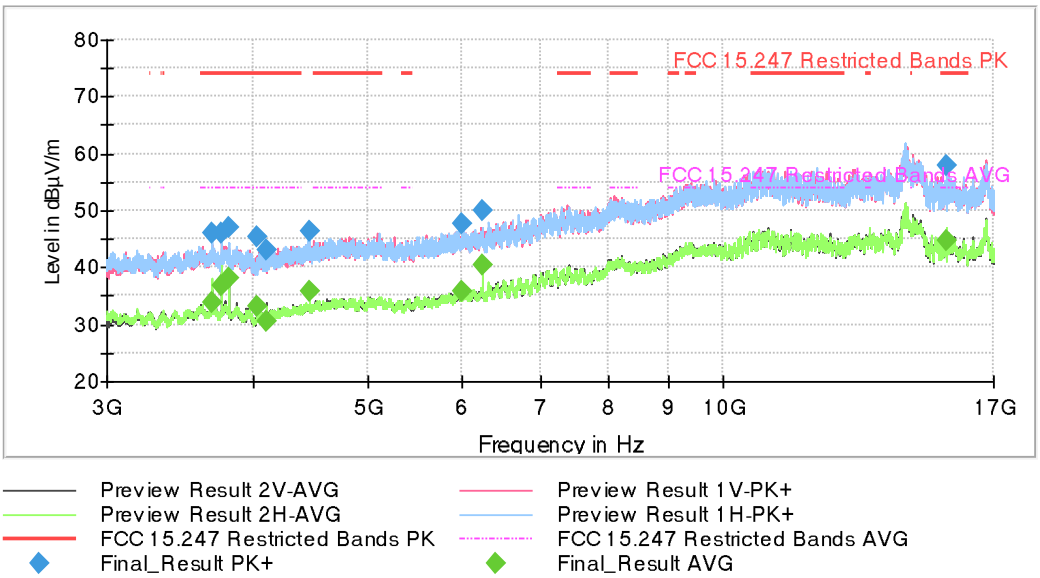
- Channel (2):



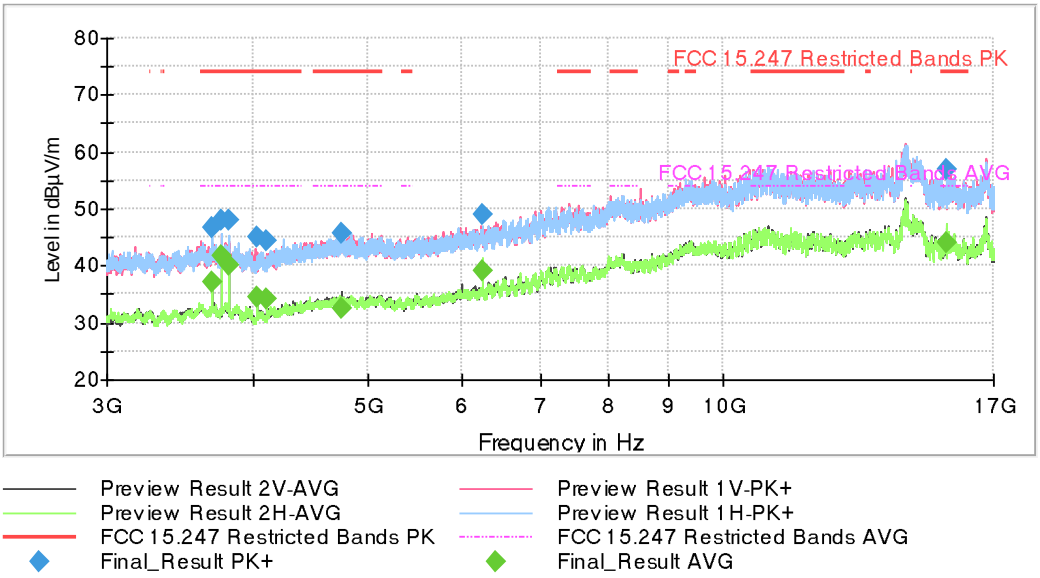
- Middle Channel:



- Channel (10):

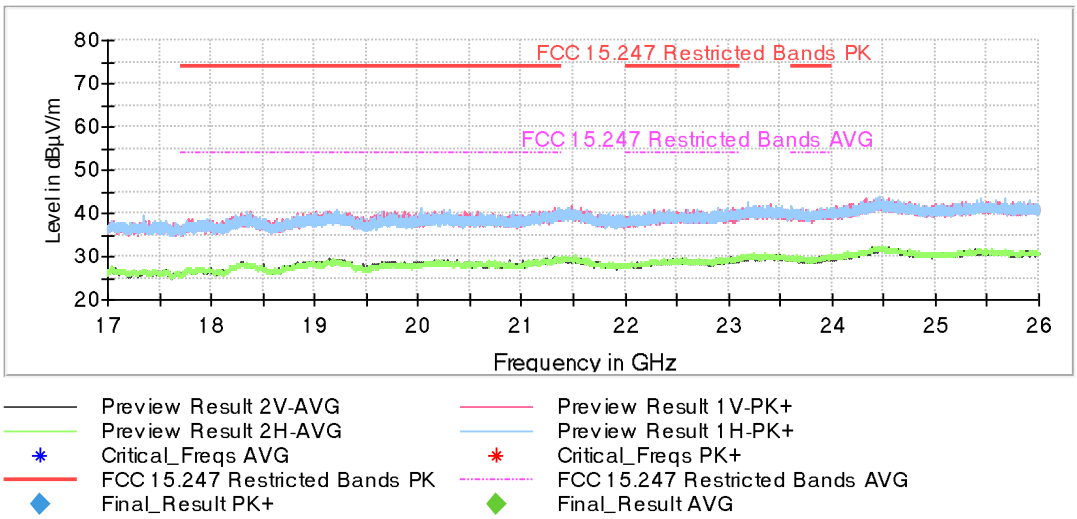


- High Channel:



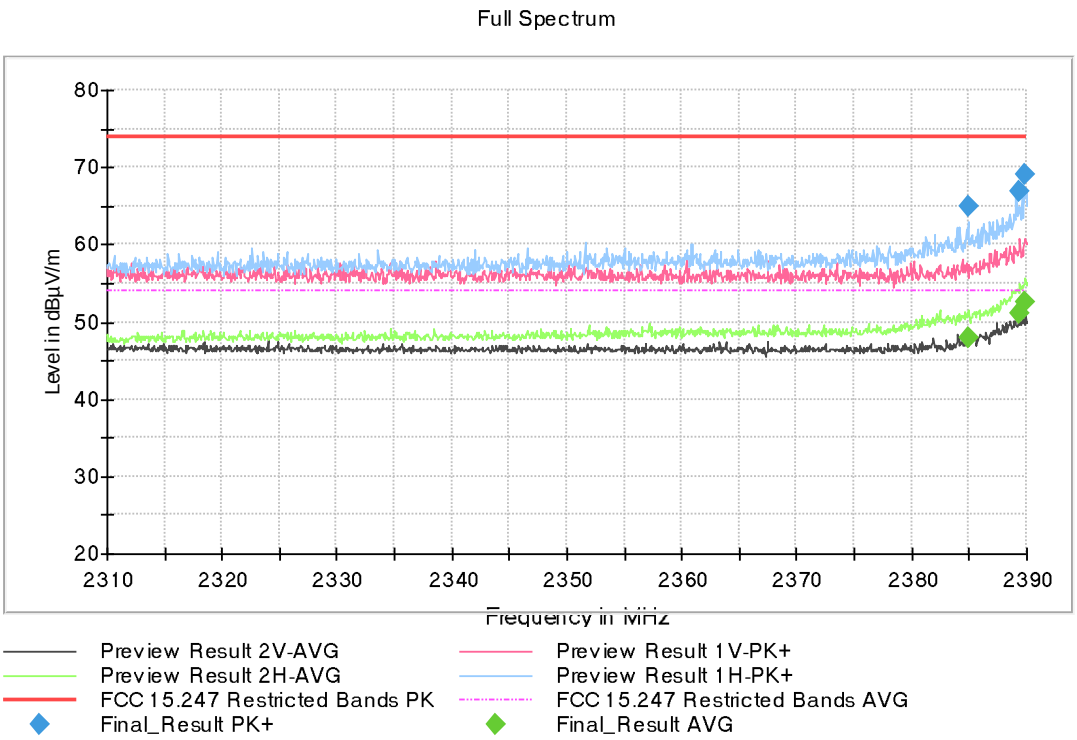
FREQUENCY RANGE 17 - 26 GHz (SISO OFDMA worst case for spurious emissions):

The spurious frequencies detected do not depend on the operating channel.

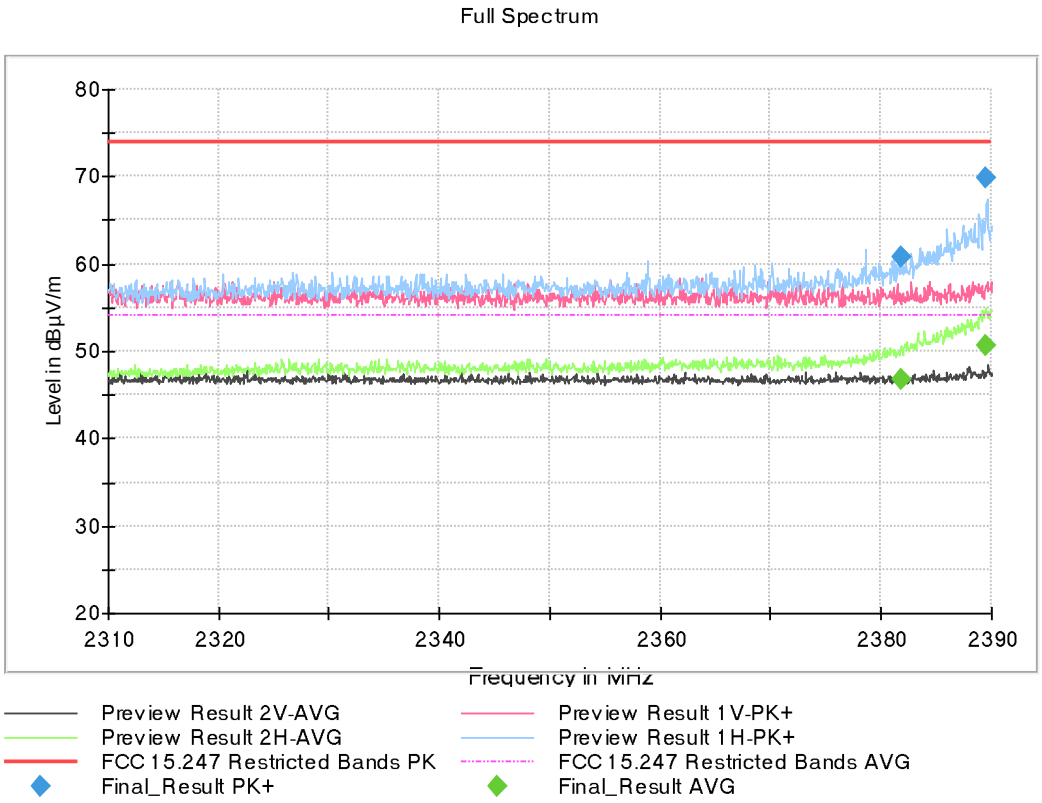


RESTRICTED BAND 2.31-2.39 GHz (SISO OFDMA worst case for spurious emissions):

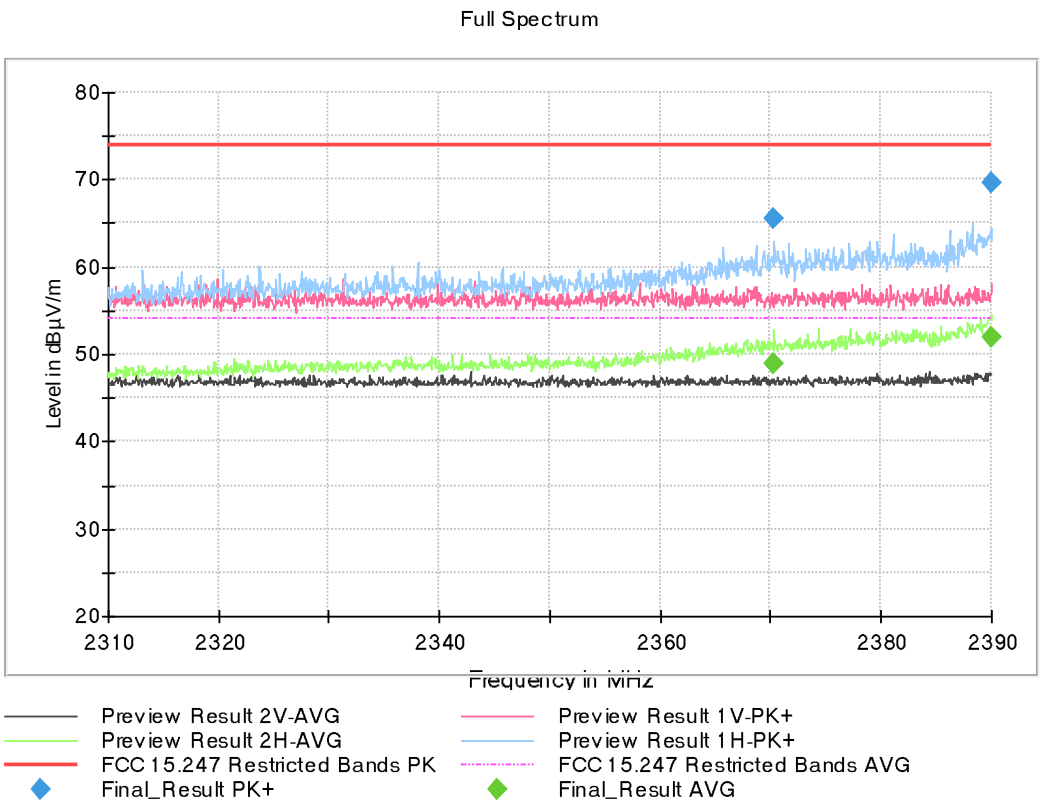
- **SISO 802.11 he20 (OFDMA):**
  - Low Channel:



- Channel (2):

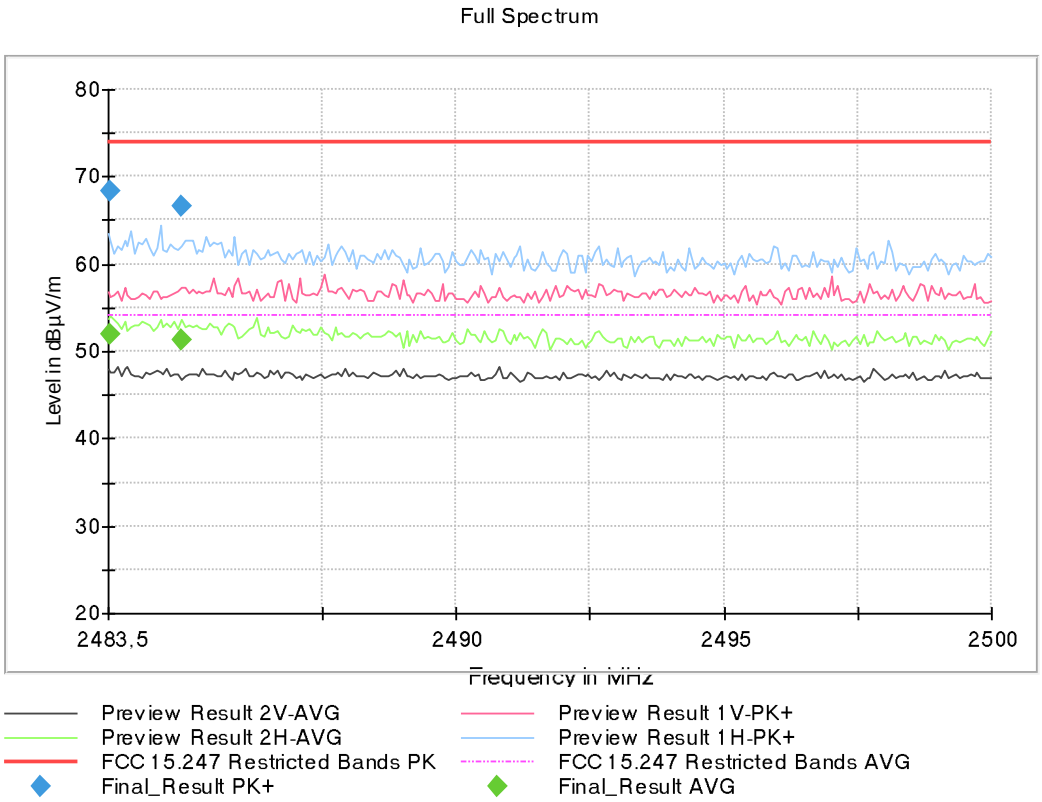


- Middle Channel:

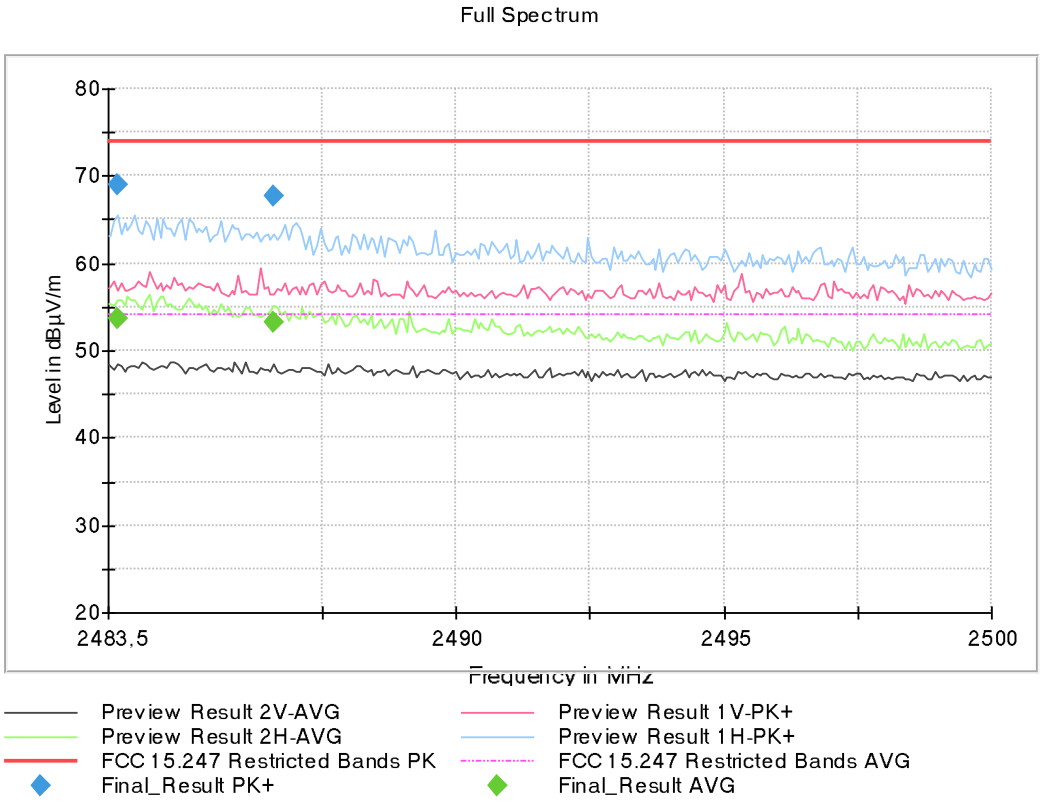


RESTRICTED BAND 2.4835-2.5 GHz (SISO OFDMA worst case for spurious emissions):

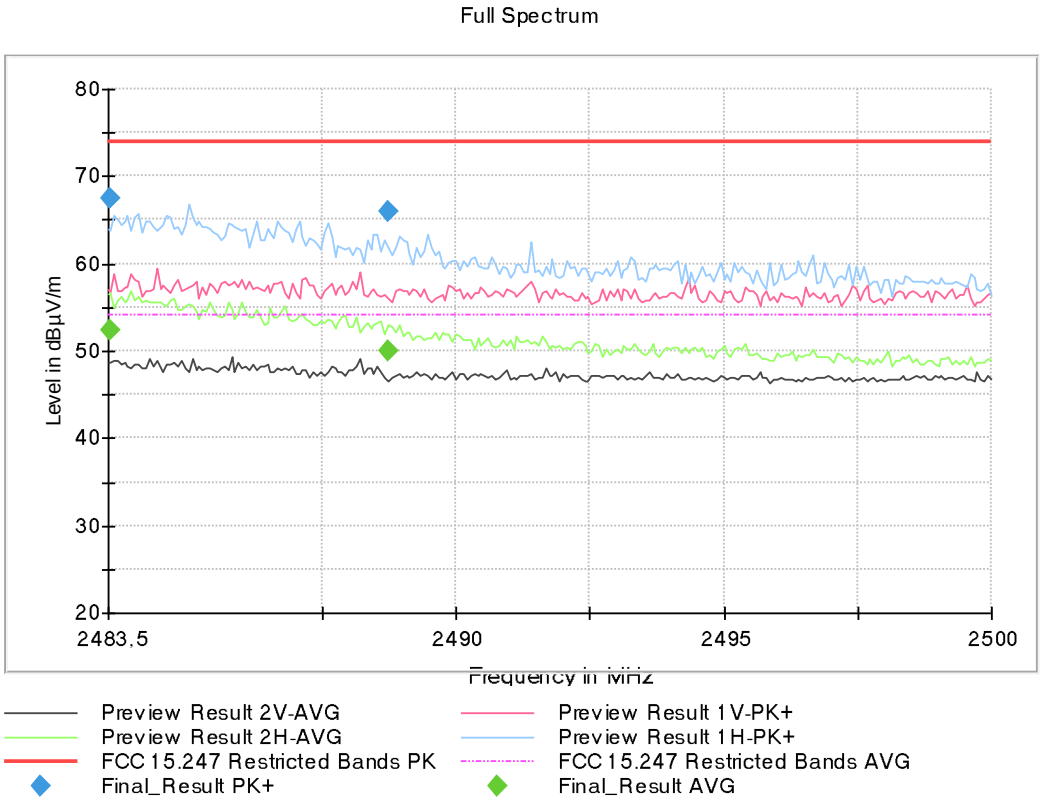
- Middle Channel:



- Channel (10):

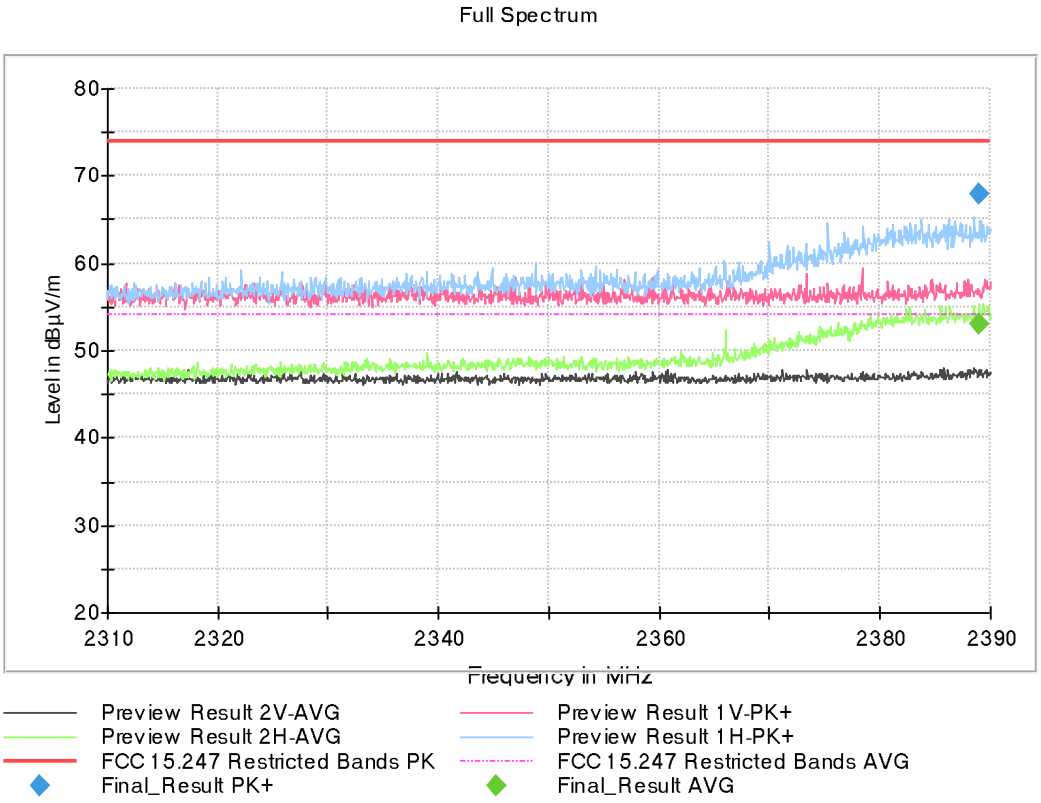


- High Channel:

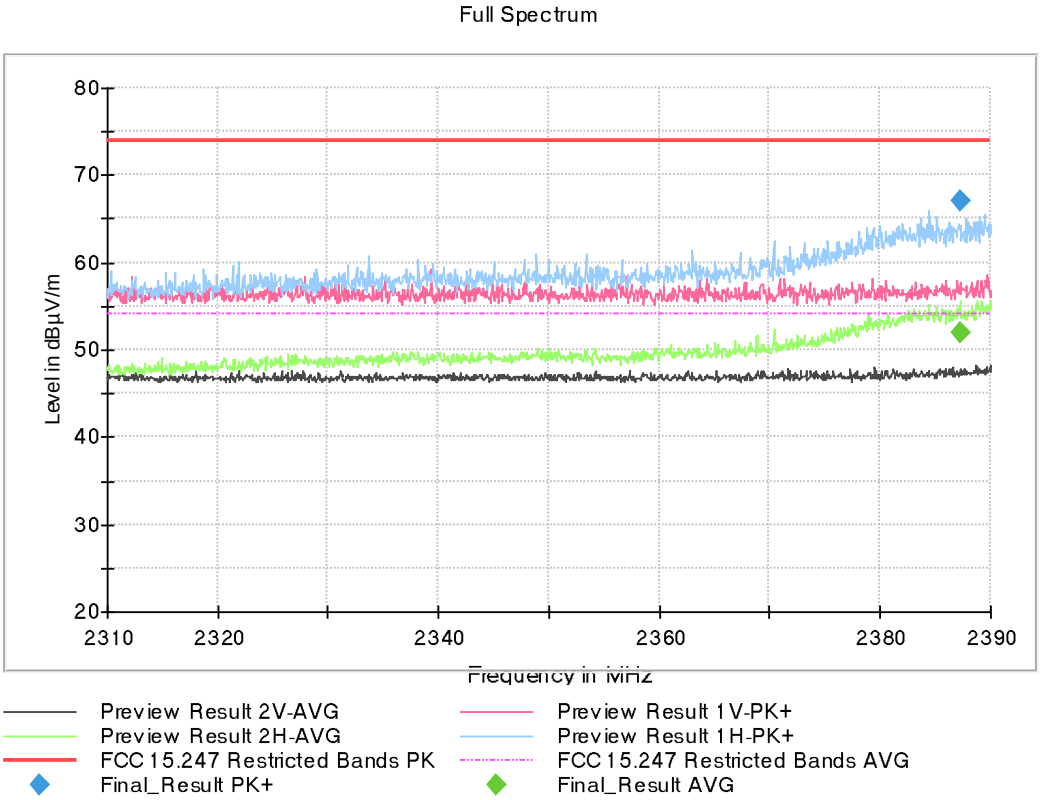


- **SISO 802.11 he40 (OFDMA):**

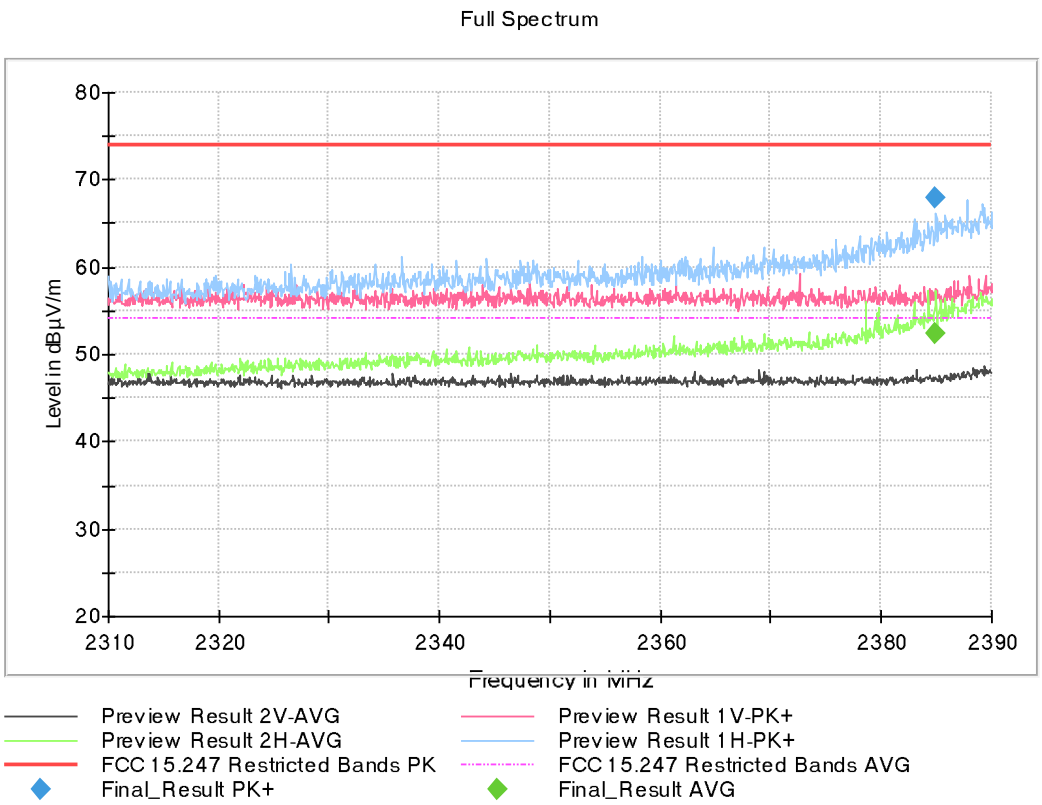
RESTRICTED BAND 2.31-2.39 GHz (SISO 802.11 he40 (OFDMA)):
- Low Channel:



- Channel (4):

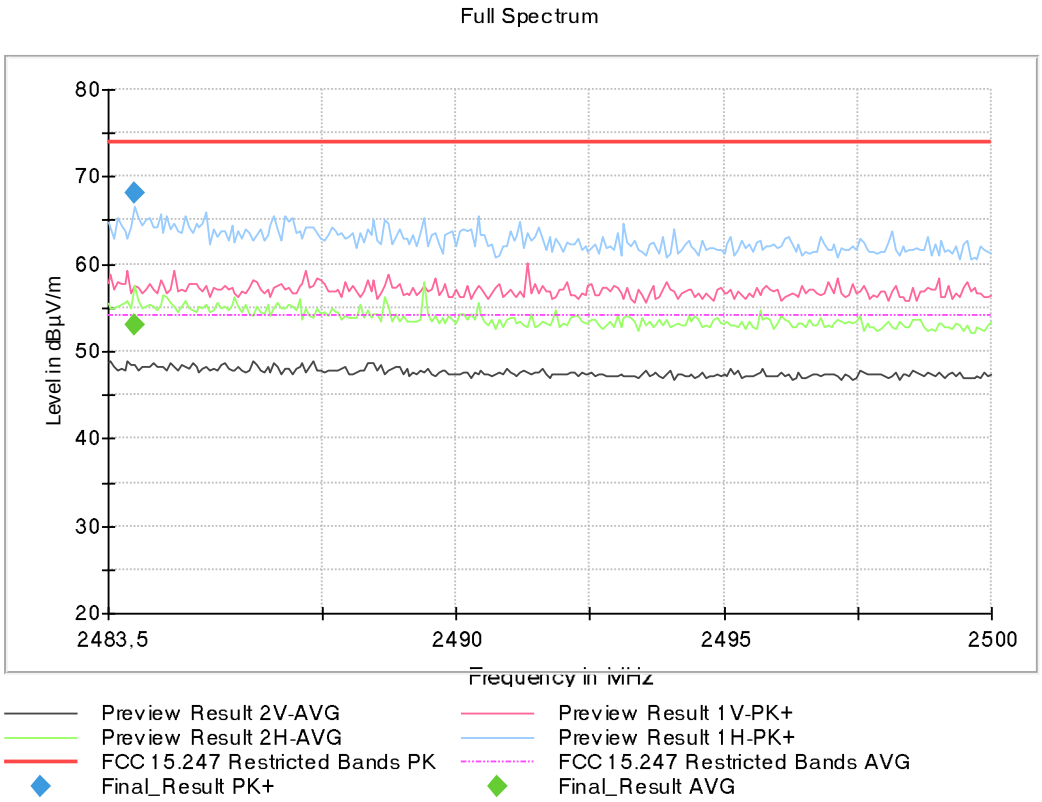


- Middle Channel:

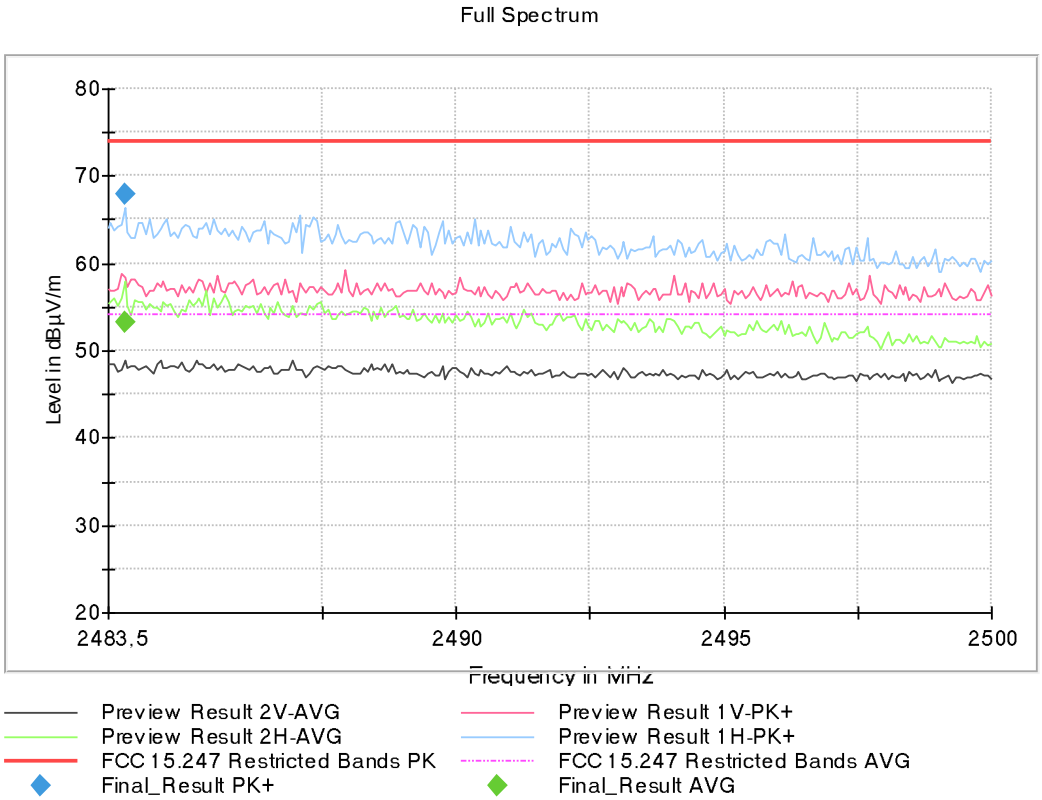


RESTRICTED BAND 2.4835-2.5 GHz (SISO 802.11 he40 (OFDMA)):

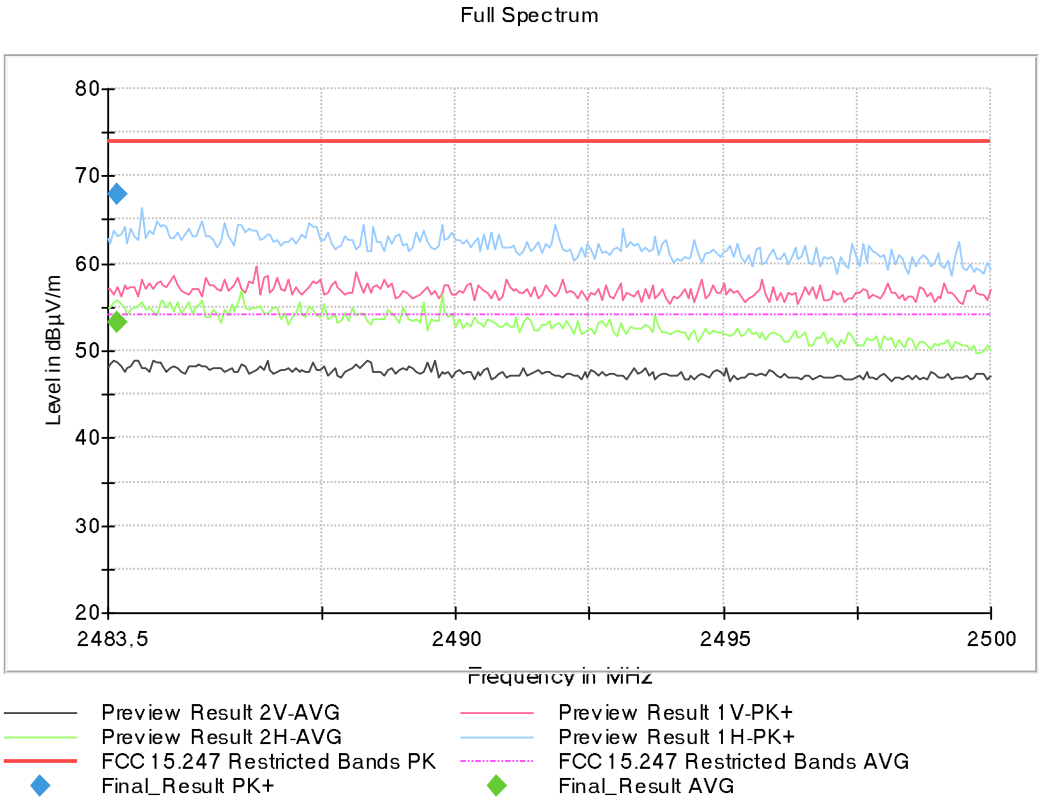
- Middle Channel:



- Channel (8):



- High Channel:



MIMO worst case:

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

The spurious frequencies do not depend neither on the operating channel nor the modulation mode.

Spurious frequencies detected at less than 20 dB below the limit:

Spurious Frequency (MHz)	Emission Level (dBµV/m)	Polarization	Detector
118.464000	24.33	V	Quasi-Peak
119.725000	24.40	V	Quasi-Peak
123.944500	27.81	V	Quasi-Peak
146.060500	24.72	V	Quasi-Peak
148.243000	25.77	V	Quasi-Peak

Measurement Uncertainty (dB) <± 5.1

- **MIMO 802.11 b (DSSS):**

  Frequency range 1 - 26 GHz:

  The results in the next tables show the maximum measured levels in the 1-26 GHz range including the restricted bands 2.31-2.39 GHz and 2.4835-2.5 GHz.

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

  ** Duty Cycle Correction (dB): 2.03.*

- LOW CHANNEL. Spurious frequencies closest to the limit:

Spurious frequency (MHz)	Emission Level (dBµV/m)	Corrected Emission Level (dBµV/m)	Polarization	Detector
2494.333333	56.64	56.64	H	Peak
	42.65	44.68		Average
3687.500000	47.31	47.31	H	Peak
3750.000000	49.11	49.11	V	Peak
3812.500000	47.71	47.71	V	Peak
4031.000000	46.30	46.30	H	Peak
4062.500000	45.58	45.58	V	Peak
4093.500000	46.11	46.11	V	Peak
4824.000000	50.60	50.60	H	Peak
6000.000000	49.37	49.37	V	Peak
6250.000000	50.27	50.27	H	Peak
9648.000000	58.28	58.28	V	Peak
	48.22	50.25		Average
15533.000000	57.95	57.95	V	Peak
	44.59	46.62		Average
16740.500000	61.62	61.62	V	Peak
	48.20	50.23		Average

- CHANNEL (2). Spurious frequencies closest to the limit:

Spurious frequency (MHz)	Emission Level (dBµV/m)	Corrected Emission Level (dBµV/m)	Polarization	Detector
2377.400000	59.78	59.78	H	Peak
	46.31	48.34		Average
2389.933333	61.73	61.73	H	Peak
	49.63	51.66		Average
2490.000000	58.61	58.61	H	Peak
	44.43	46.46		Average
3687.500000	46.94	46.94	V	Peak
3750.000000	48.69	48.69	H	Peak
3812.500000	47.03	47.03	V	Peak
4031.000000	45.79	45.79	H	Peak
4093.500000	45.08	45.08	H	Peak
4375.000000	47.11	47.11	H	Peak
4834.000000	51.30	51.30	H	Peak
6000.500000	49.04	49.04	V	Peak
6250.000000	50.69	50.69	H	Peak
9668.000000	57.03	57.03	V	Peak
	45.91	47.94		Average
14332.000000	62.09	62.09	V	Peak
	49.02	51.05		Average
15539.500000	57.24	57.24	V	Peak
	44.10	46.13		Average
16746.500000	61.79	61.79	V	Peak
	48.94	50.97		Average

- MIDDLE CHANNEL. Spurious frequencies closest to the limit:

Spurious frequency (MHz)	Emission Level (dBµV/m)	Corrected Emission Level (dBµV/m)	Polarization	Detector
2388.800000	61.52	61.52	H	Peak
	48.26	50.29		Average
2487.466667	59.15	59.15	V	Peak
	47.30	49.33		Average
2498.400000	61.88	61.88	H	Peak
	50.60	52.63		Average
3687.500000	46.81	46.81	H	Peak
3750.000000	48.37	48.37	V	Peak
3812.500000	47.07	47.07	V	Peak
4031.000000	46.01	46.01	V	Peak
4093.500000	45.91	45.91	H	Peak
4874.000000	52.44	52.44	H	Peak
6250.000000	49.10	49.10	H	Peak
9748.000000	58.80	58.80	V	Peak
	47.69	49.72		Average
14622.000000	62.57	62.57	V	Peak
	53.31	55.34		Average
15535.000000	57.95	57.95	H	Peak
	44.71	46.74		Average
16746.500000	61.98	61.98	V	Peak
	49.20	51.23		Average