

Mode: SISO

Modulation: 802.11ax HE80 SS1 (OFDM MCS11) – Full RU

**Results**

Freq (MHz)	6dBw (MHz)
5775.00000	77.950

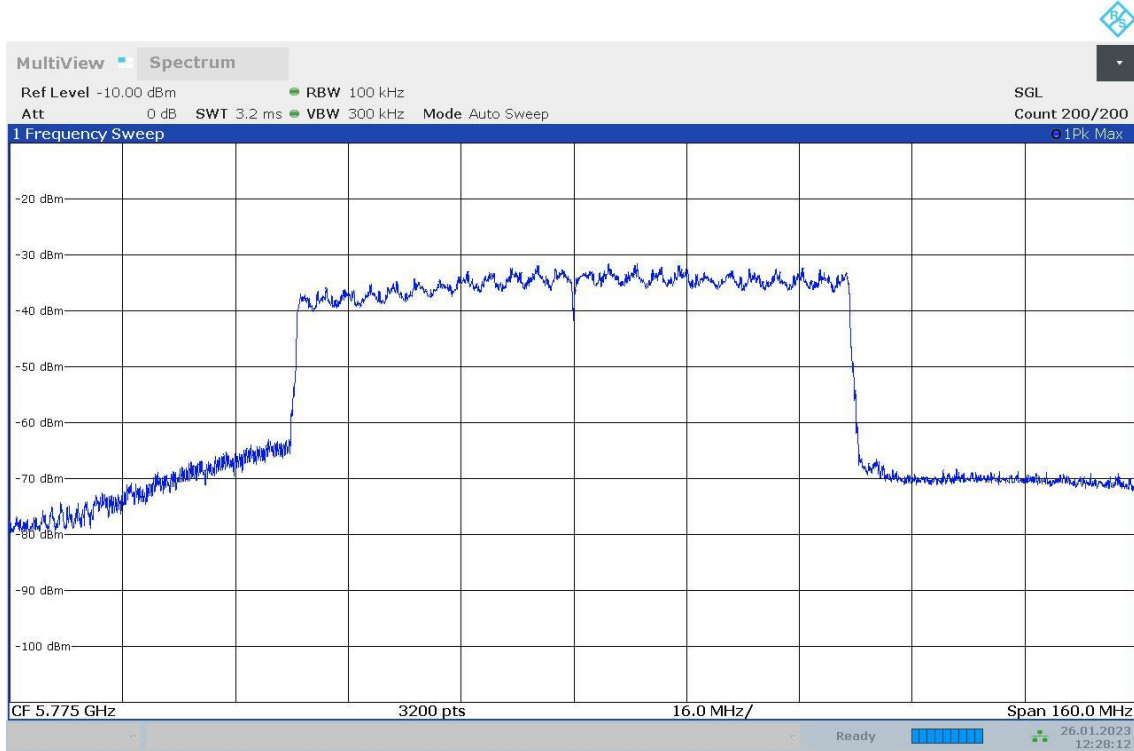
**Verdict**

Pass

### Attachments

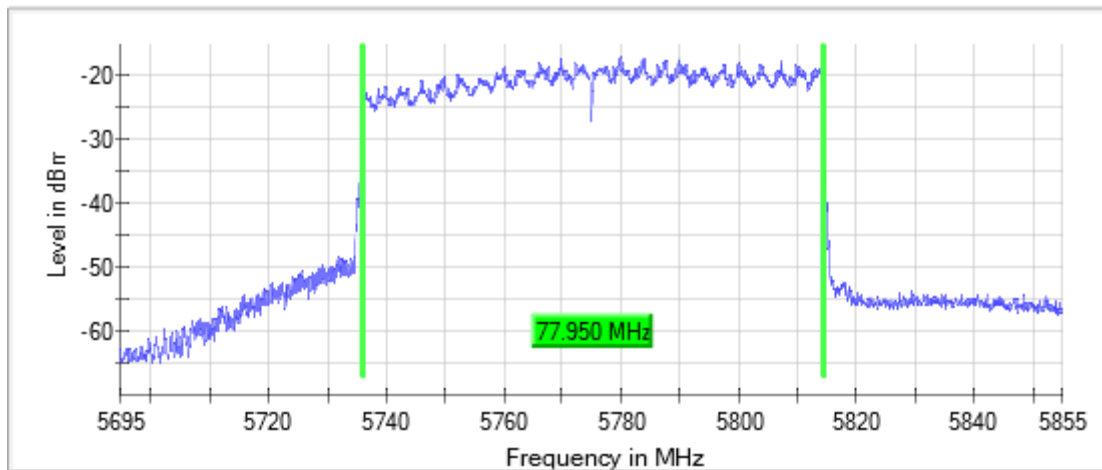
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)  
Mode = SISO Number of Transmission Chains = 1

### Images:



12:28:13 26.01.2023

6 dB Bandwidth



Mode: SISO

Modulation: 802.11ax HE80 SS1 (OFDM MCS11) – Partial RU

**Results**

Freq (MHz)	6dBw (MHz)
5775.00000	2.100

**Verdict**

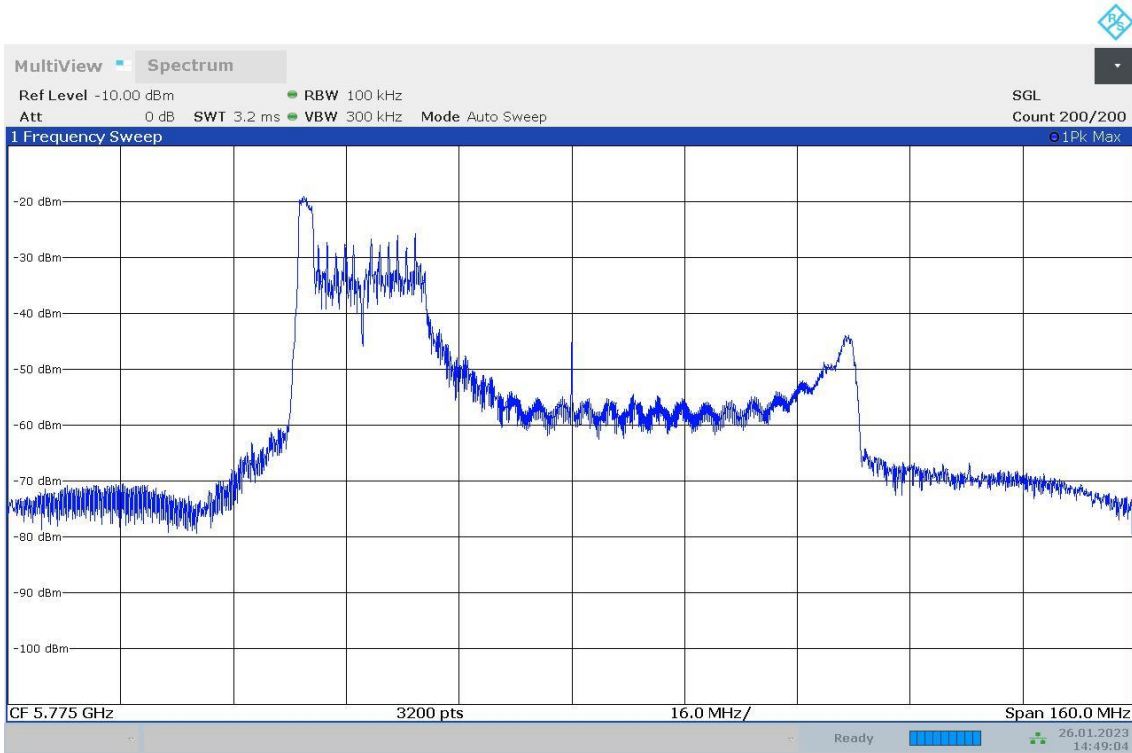
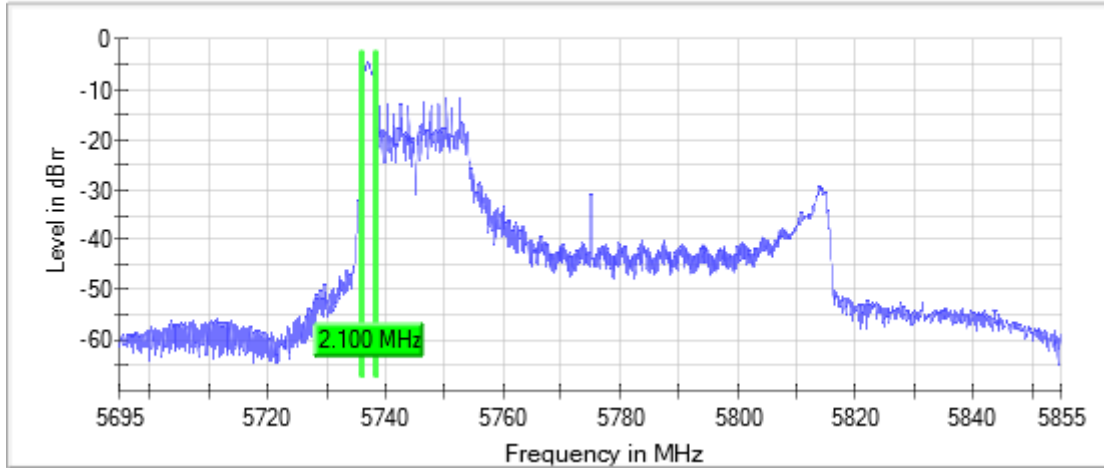
Pass

**Attachments**

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)  
Mode = SISO Number of Transmission Chains = 1

**Images:**

6 dB Bandwidth



14:49:05 26.01.2023

FCC 15.407 (b), 15.205 & 15.209 / RSS-Gen 8.9 & 8.10 Undesirable radiated emissions

**Limits**

For transmitters operating in the 5.725–5.85 GHz band:

All emissions shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

**Verdict**

Pass

**Frequency range 0.03 - 1 GHz**

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

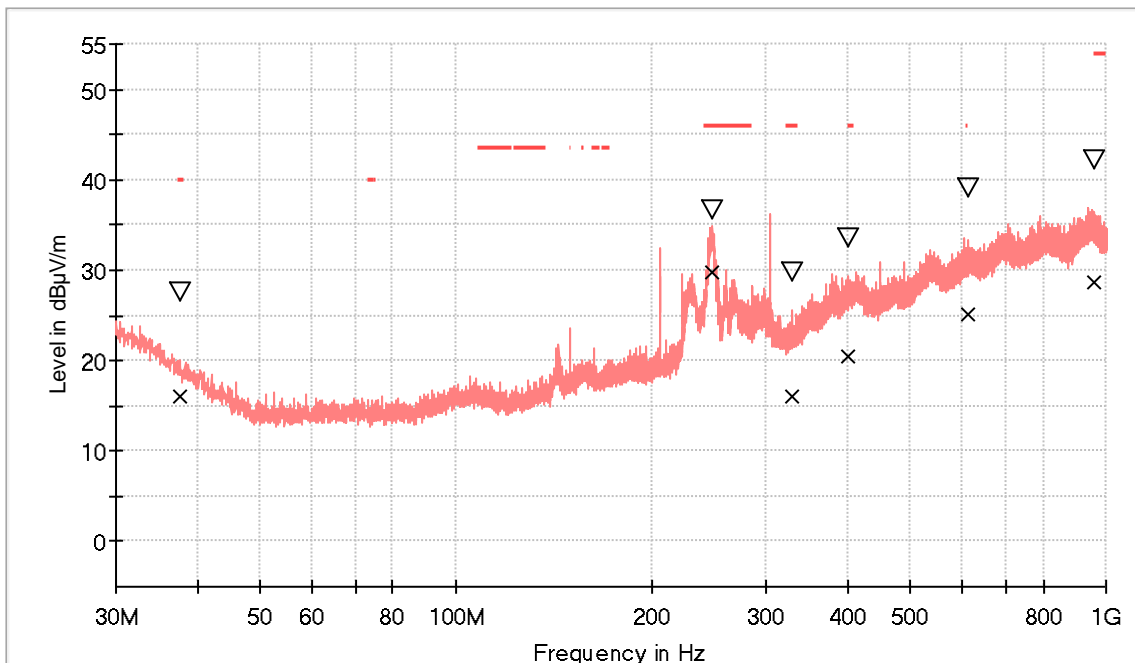
**Modulation: 802.11ac VHT20 (OFDM MCS8)**

**Results**

**Middle Channel**

Active Port = 1 Frequency Range GHz = [0.03, 1], Frequency MHz = 5200.00000, Modulation = 802.11ac VHT20 (OFDM MCS8), MODE = SISO, Measurement Point = 6

Images:



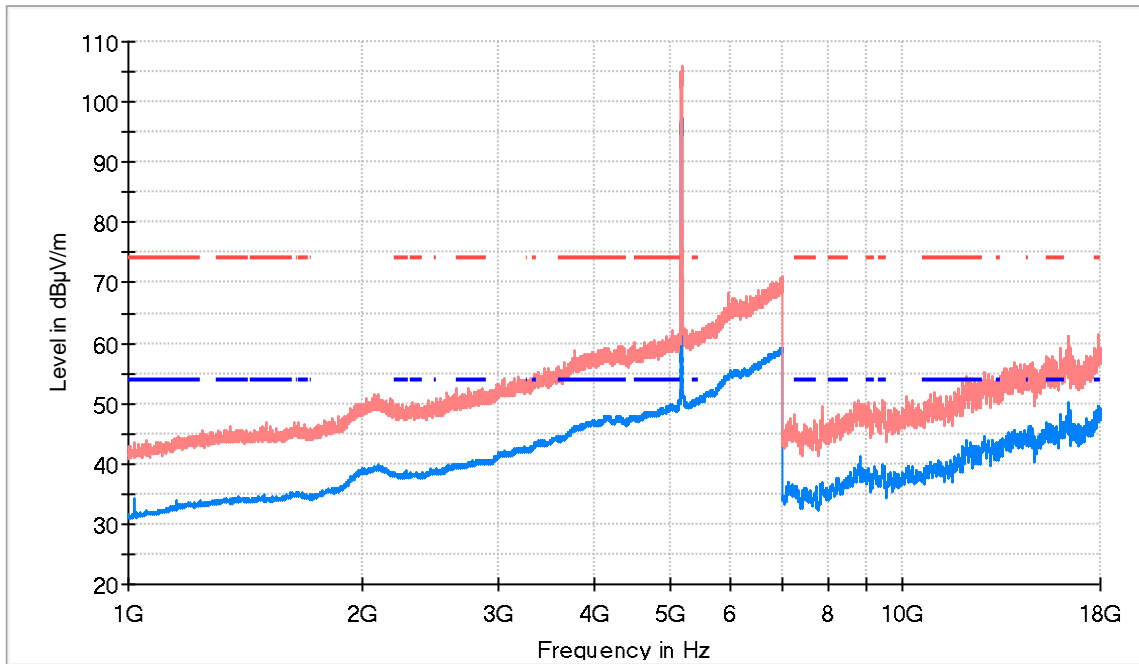
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBµV/m)
37.566000	27.5	16.0	V	24.1	40.0
246.892000	36.7	29.8	V	16.2	46.0
328.469000	29.8	16.1	H	29.9	46.0
400.394500	33.5	20.4	V	25.6	46.0
613.697500	39.1	25.1	V	20.9	46.0
961.345500	42.3	28.7	H	25.3	54.0

**UNII-1:**  
**Frequency range 1 - 18 GHz**

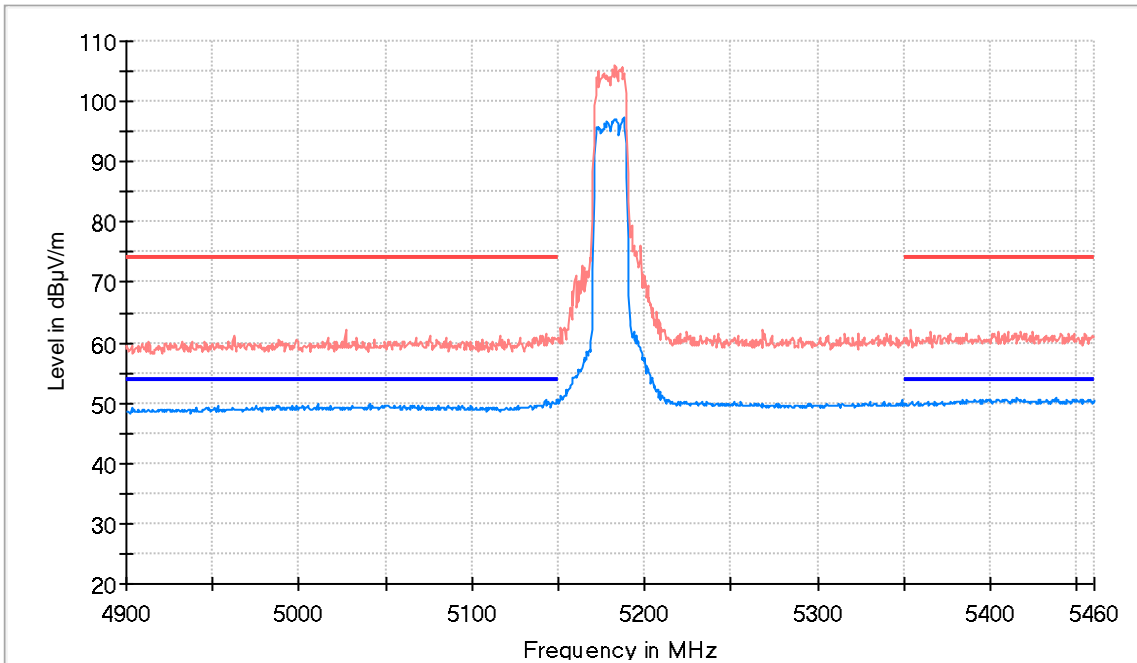
**Frequency Range GHz = [1, 18], Frequency MHz = 5180.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1**

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5182.500000	105.9	97.2	H	---	---	Fundamental
5354.000000	62.3	49.8	V	4.2	54.0	
17927.500000	61.6	49.3	H	4.7	54.0	

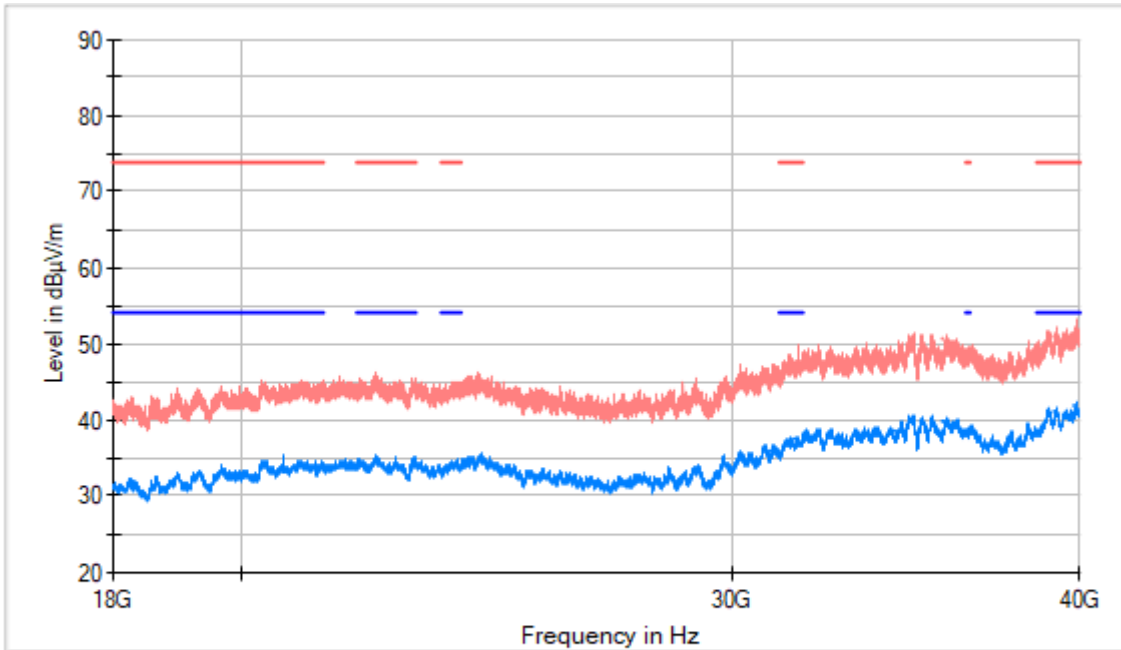


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit



Frequency Range GHz = [18, 40], Frequency MHz = 5180.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

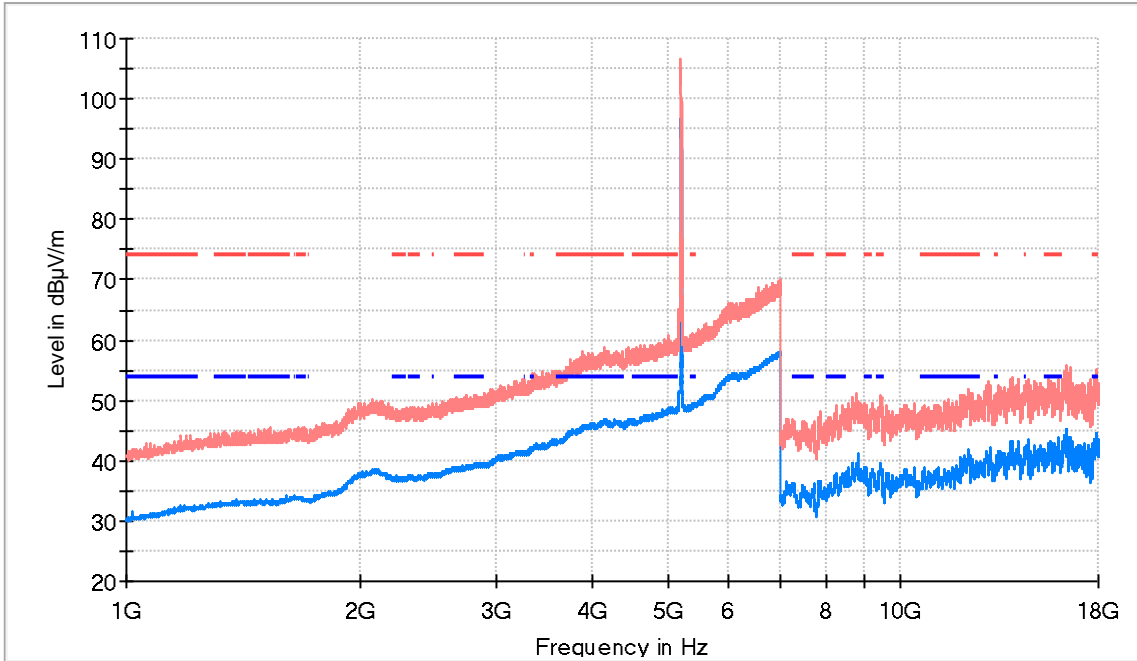


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
31719.062500	49.9	36.8	V	17.2	54.0
39892.062500	51.1	42.5	H	11.5	54.0

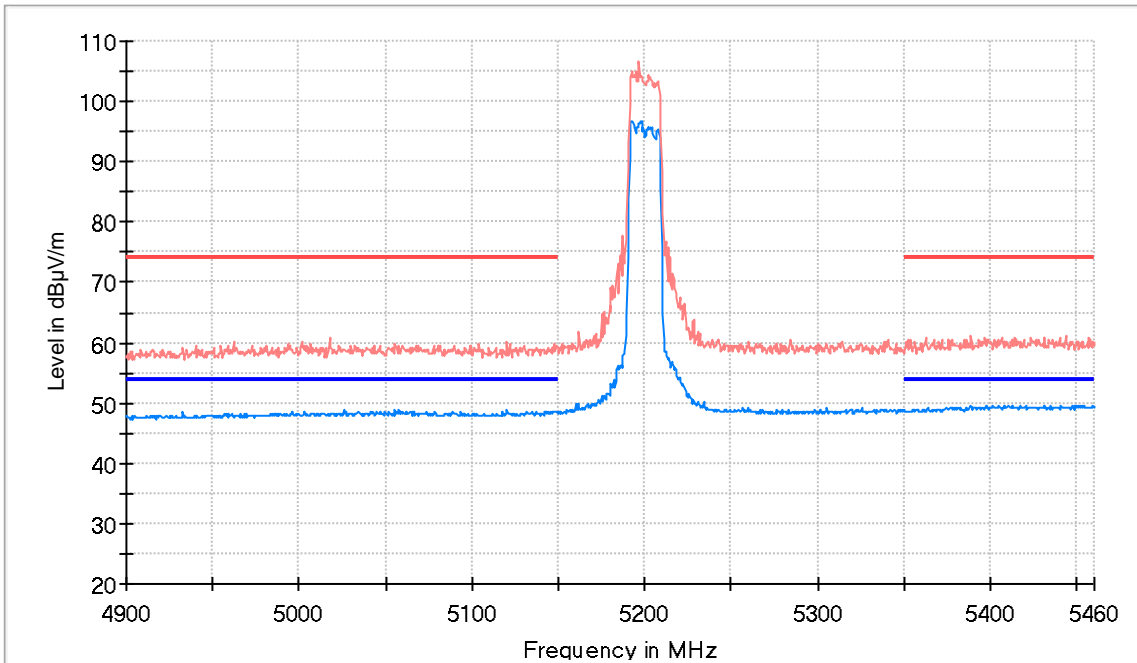
Frequency Range GHz = [1, 18], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

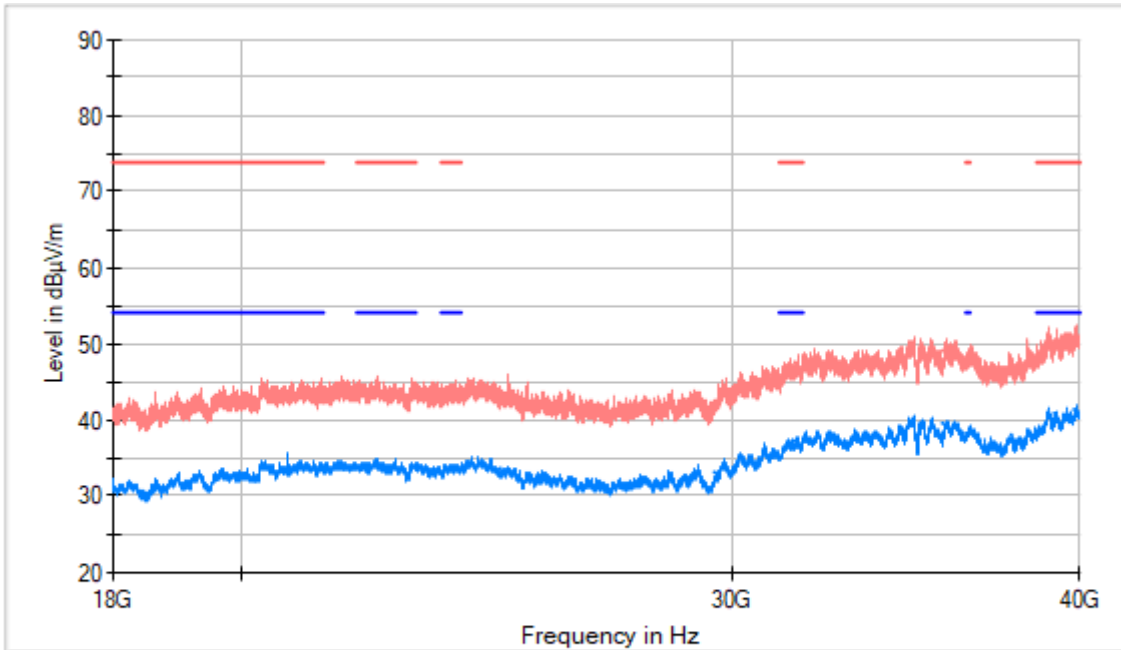
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5198.000000	104.0	96.7	H	---	---	Fundamental
5362.500000	60.8	48.7	H	5.3	54.0	
15995.500000	52.5	43.6	V	10.4	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

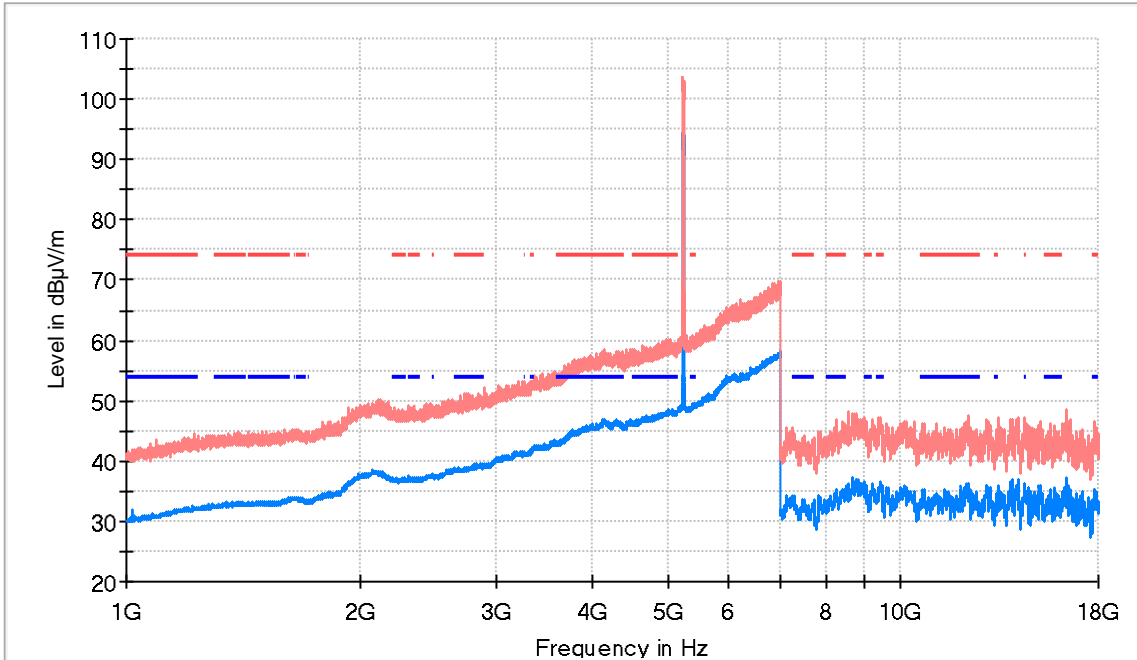


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20799.500000	43.6	35.7	H	18.3	54.0
39916.812500	51.0	42.1	V	11.9	54.0

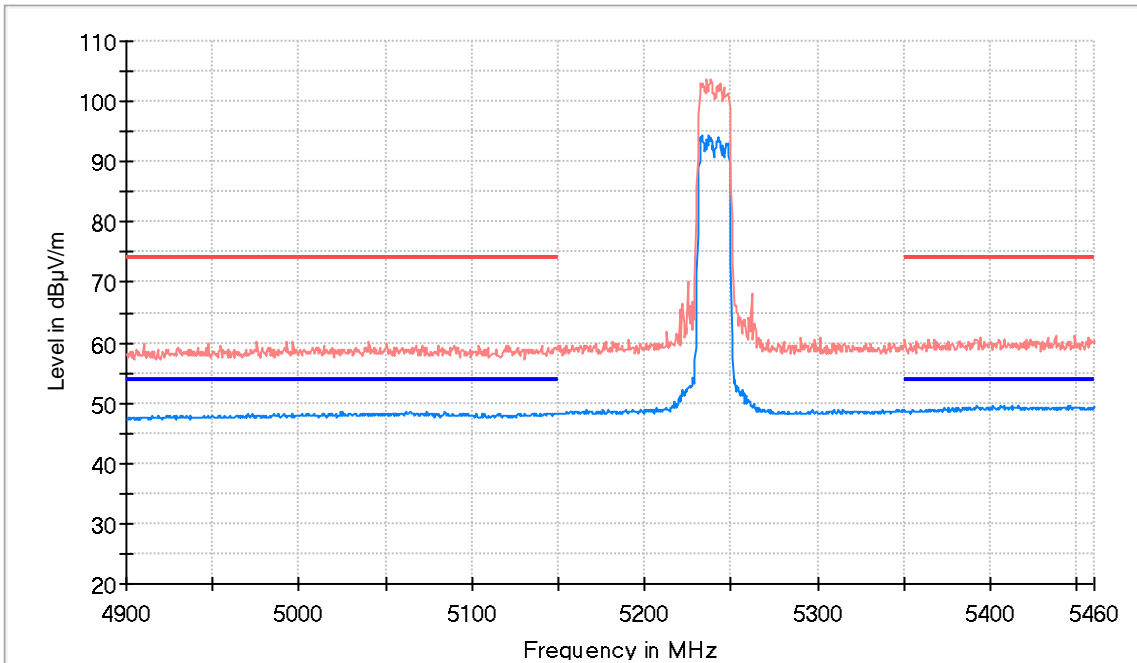
Frequency Range GHz = [1, 18], Frequency MHz = 5240.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

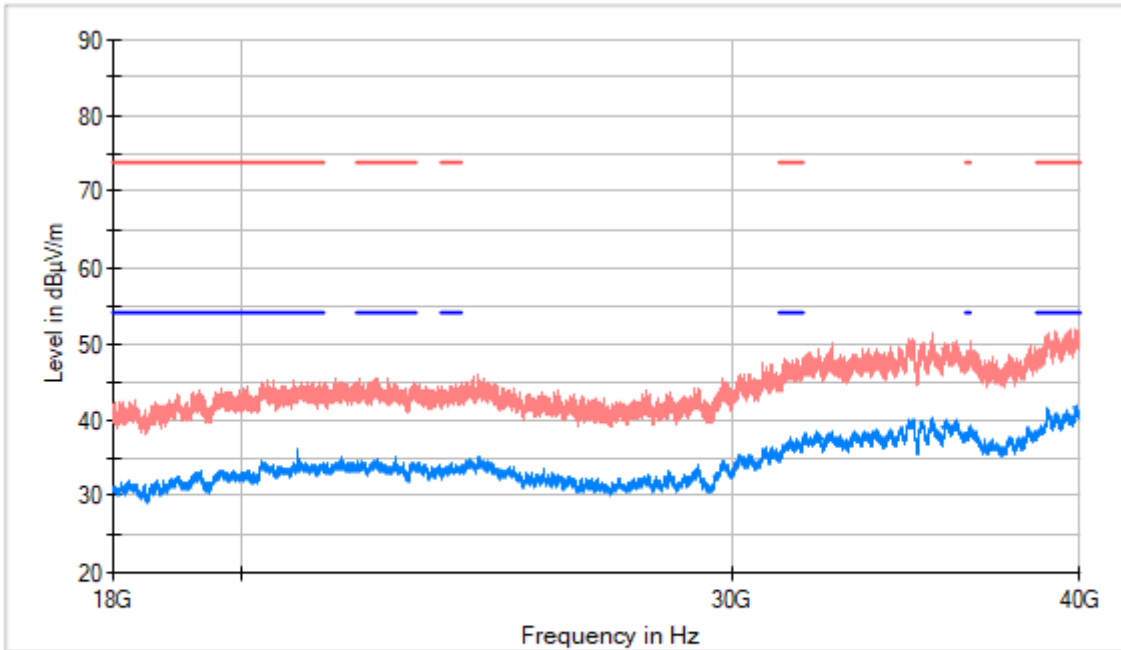
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5237.000000	102.8	94.5	H	---	---	Fundamental
5394.000000	61.0	49.4	H	4.6	54.0	
15586.000000	46.3	33.9	H	20.1	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5240.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20959.687500	43.1	36.2	V	17.8	54.0
39893.437500	51.0	42.1	V	11.9	54.0

**Modulation: 802.11ac VHT40 (OFDM MCS9)  
 Results**

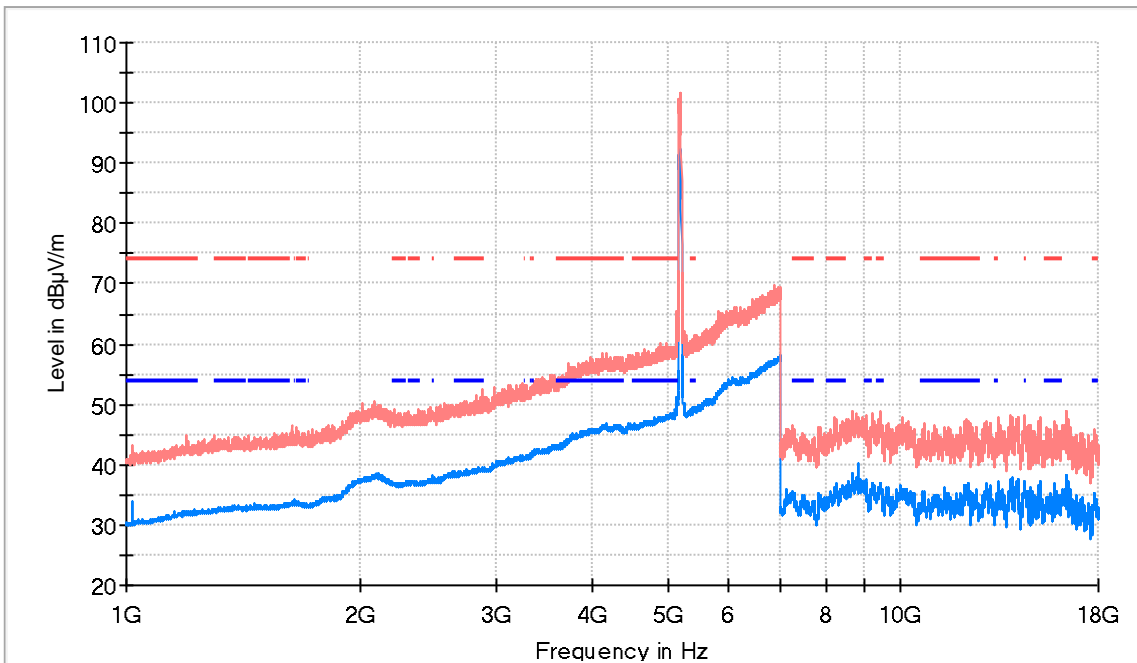
**Verdict**

Pass

**Attachments**

Frequency Range GHz = [1, 18], Frequency MHz = 5190.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

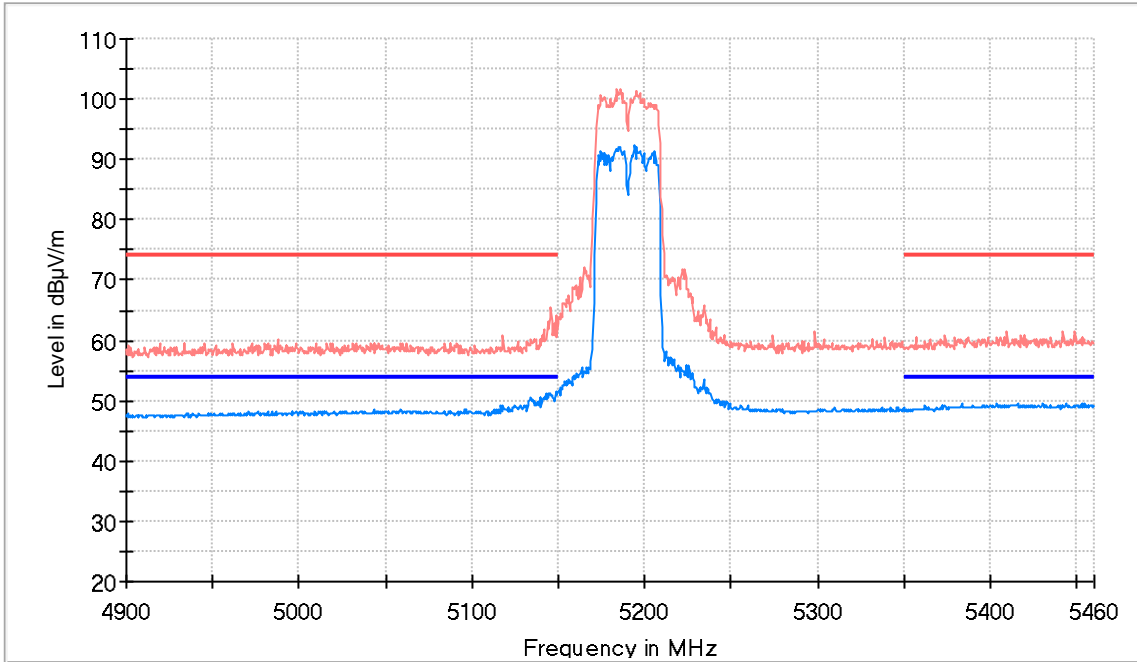
**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5194.000000	100.4	92.3	H	---	---	Fundamental
5409.500000	61.4	49.0	V	5.0	54.0	
13333.000000	46.3	37.2	V	16.8	54.0	

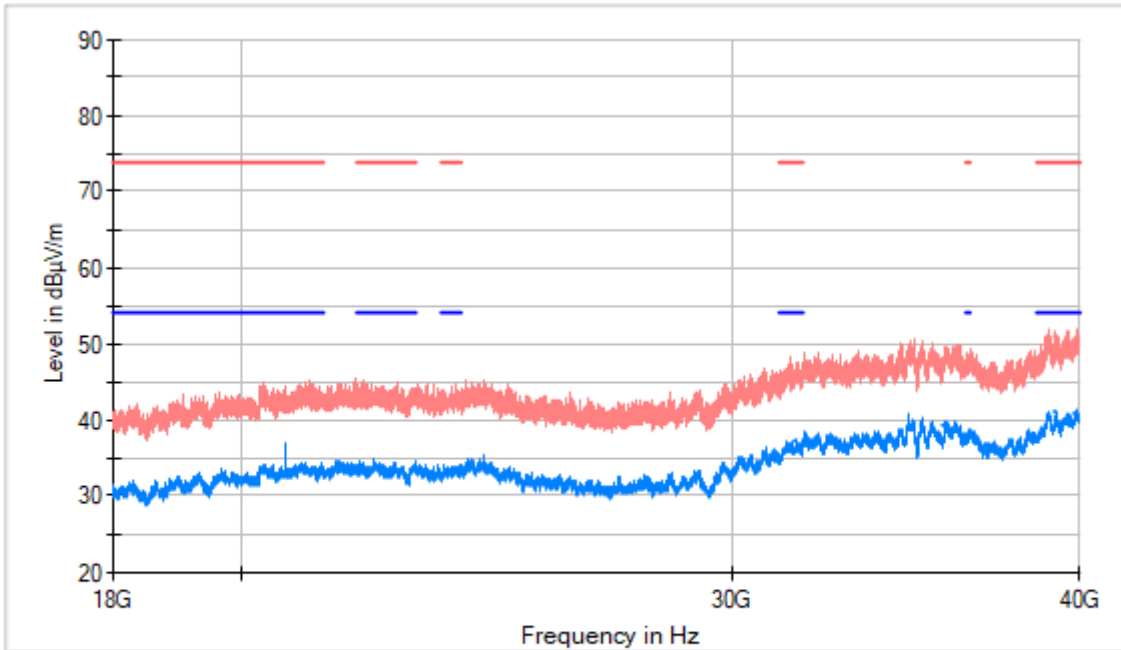




- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5190.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

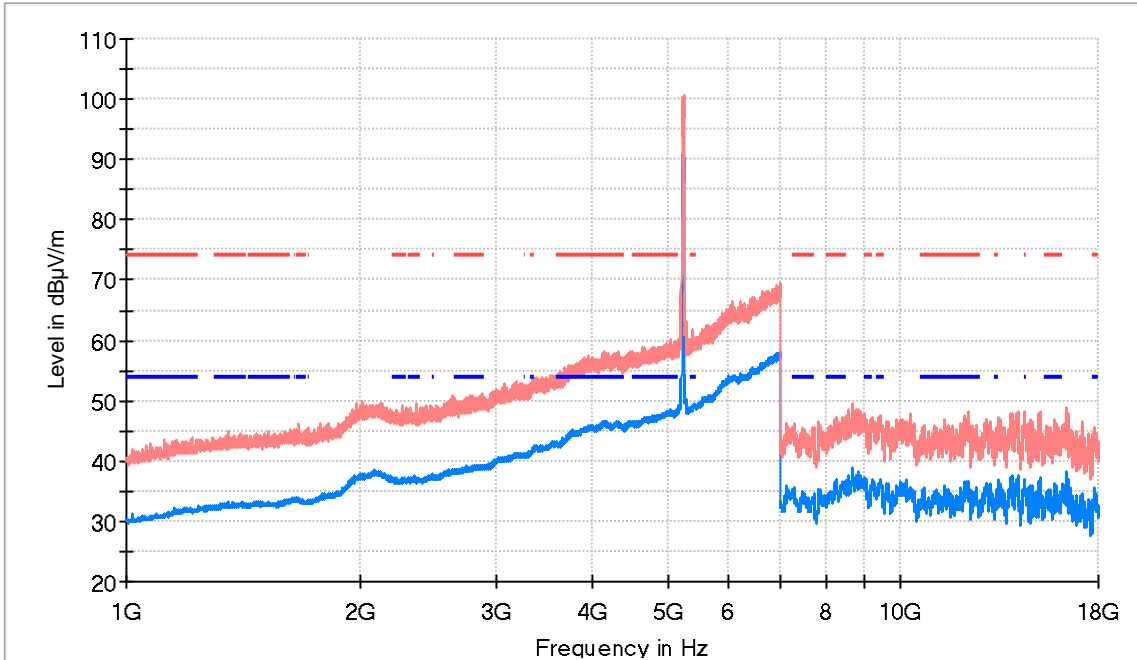


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20759.625000	44.1	37.1	V	16.9	54.0
39884.500000	50.9	41.5	H	12.5	54.0

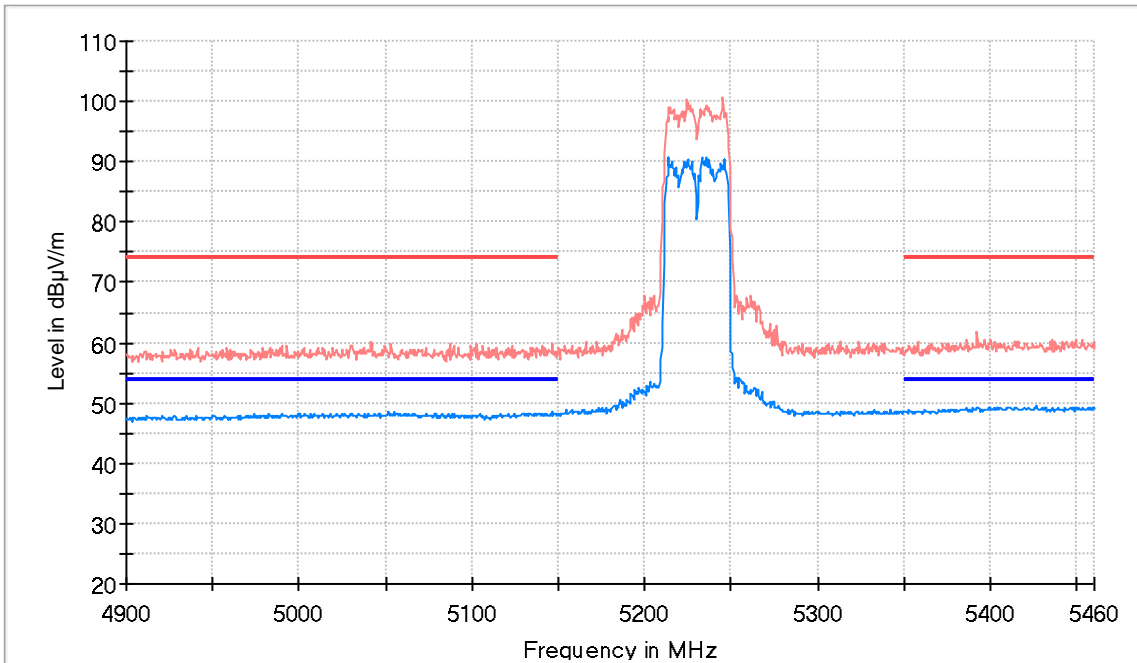
Frequency Range GHz = [1, 18], Frequency MHz = 5230.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

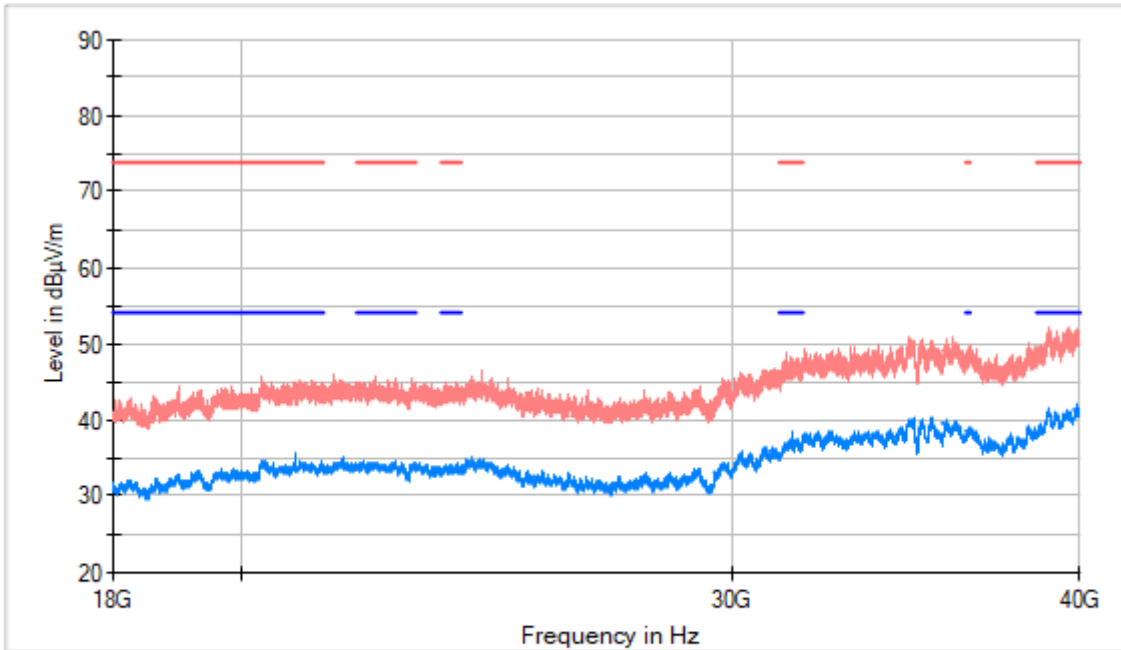
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5224.500000	100.5	89.6	H	---	---	Fundamental
5392.000000	62.0	49.3	V	4.7	54.0	
12238.500000	48.1	36.5	H	17.5	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5230.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20919.812500	44.1	35.7	V	18.3	54.0
39931.250000	51.1	42.3	V	11.7	54.0

**Modulation: 802.11ac VHT80 SS1 (OFDM MCS9)**

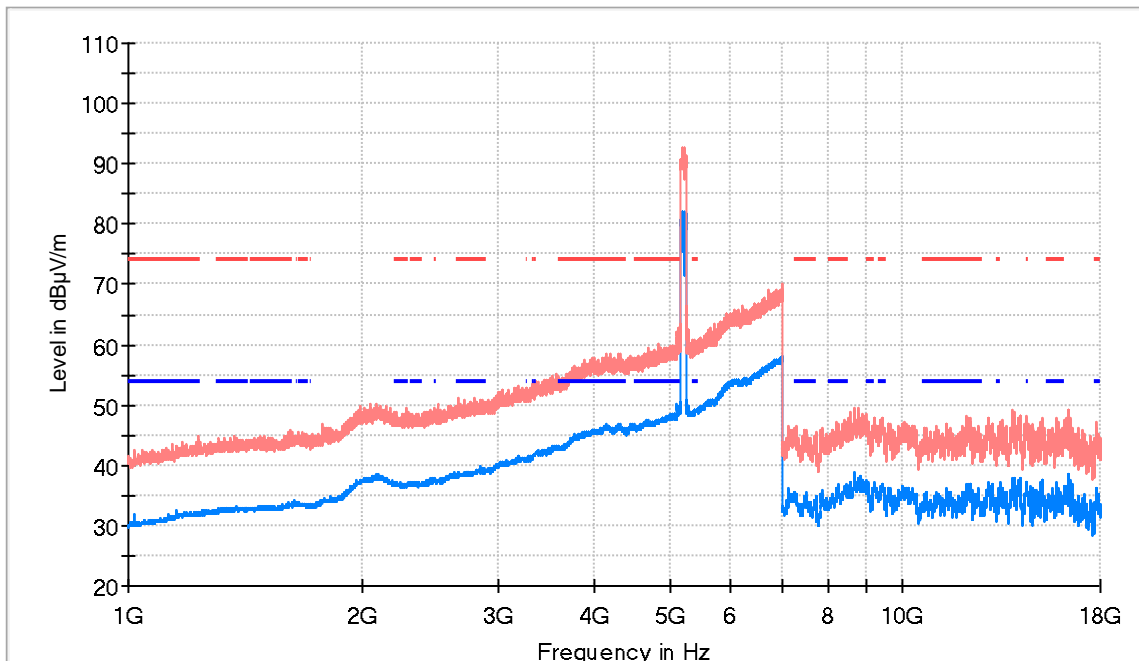
**Results**

**Frequency range 1 - 18 GHz**

**Lowest Channel**

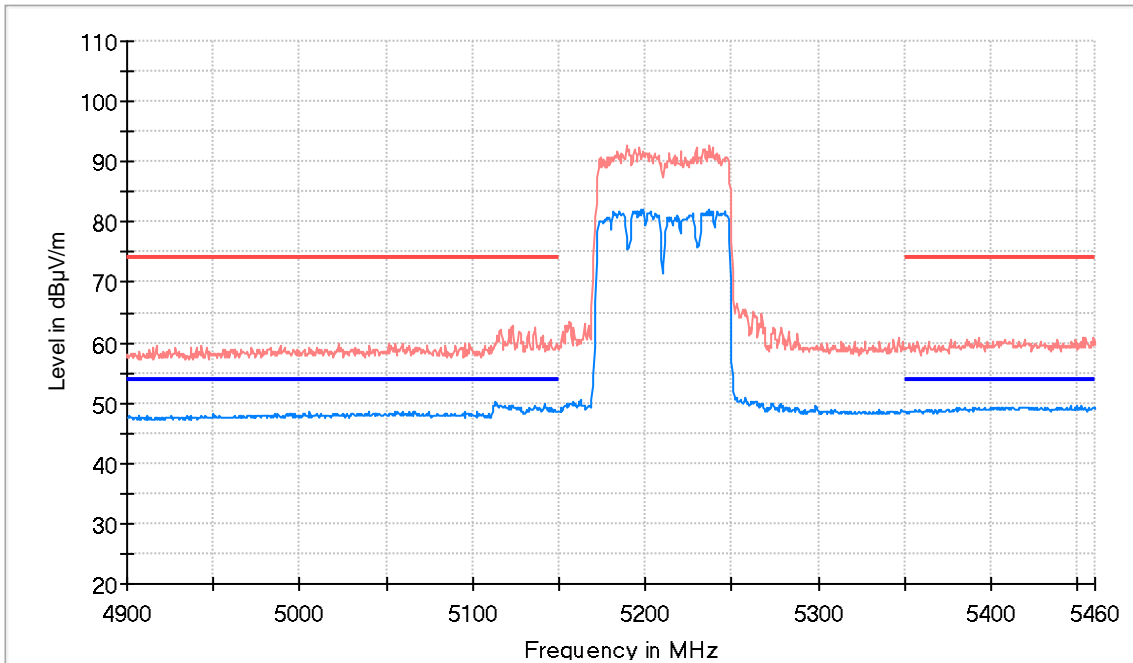
**Active Port = 1 Frequency Range GHz = [1, 18], Frequency MHz = 5210.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3**

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5199.000000	91.4	82.0	H	---	---	Fundamental
5376.500000	60.6	48.6	V	5.4	54.0	
12095.50000	48.1	36.5	V	17.5	54.0	



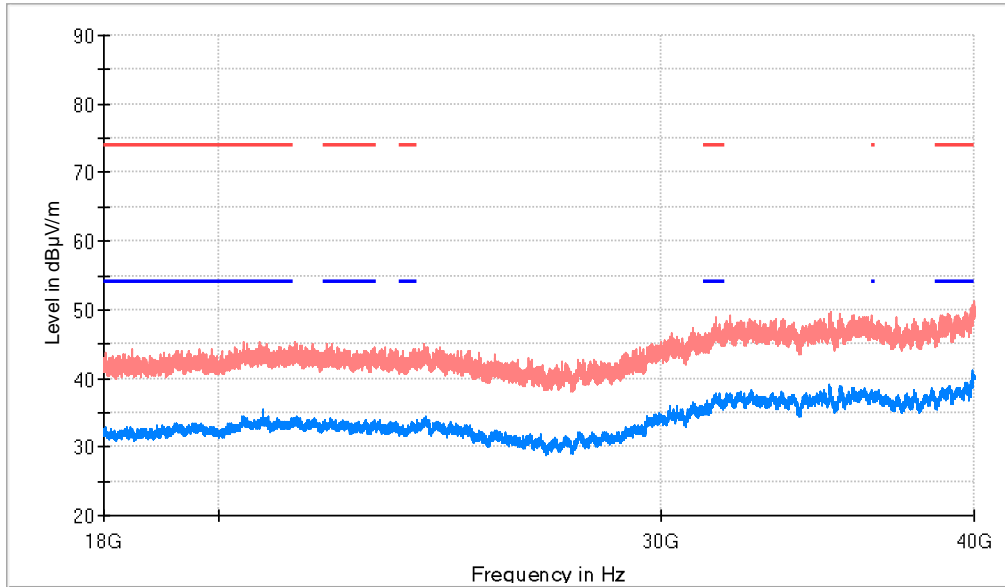
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Frequency range 18 - 40 GHz**

**Single Channel**

**Active Port = 1 Frequency Range GHz = [18, 40], Frequency MHz = 5210.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1**

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20840.063000	44.1	35.3	V	18.7	54.0



**UNII-2A:**

Modulation: 802.11ac VHT20 SS1 (OFDM MCS8)

**Results**

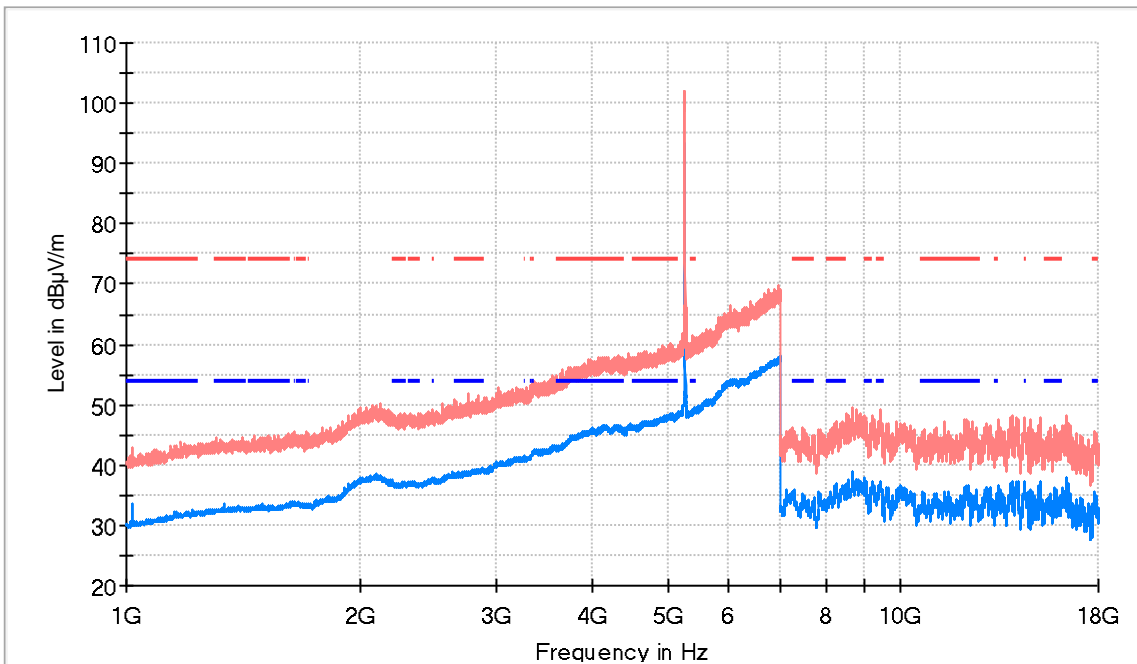
**Verdict**

Pass

**Attachments**

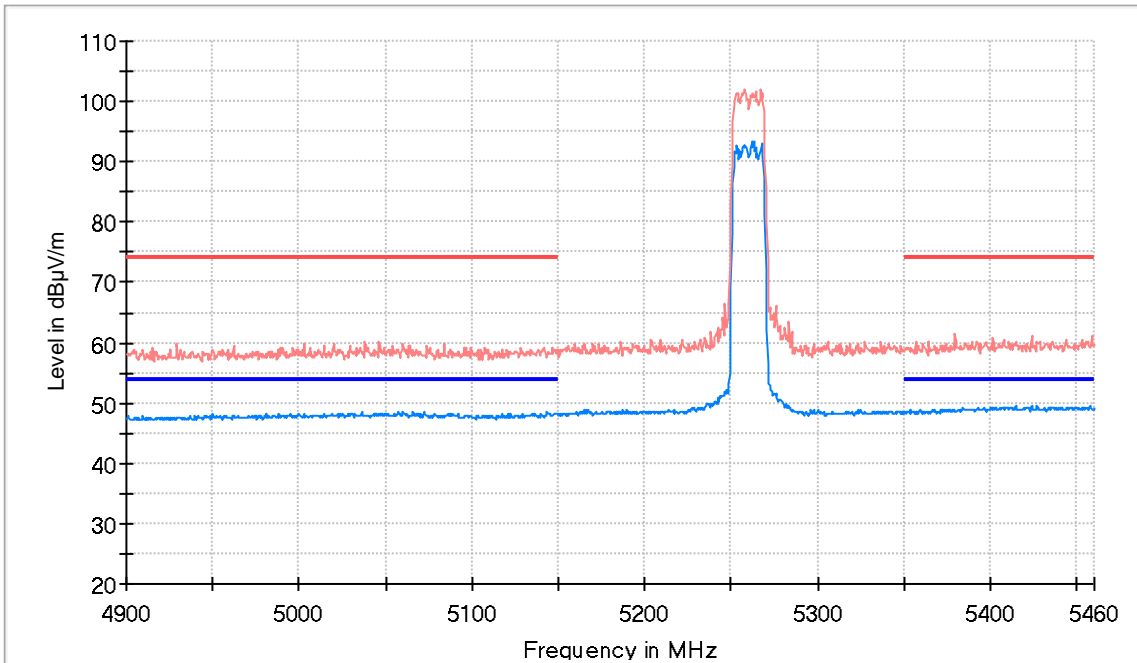
Frequency Range GHz = [1, 18], Frequency MHz = 5260.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

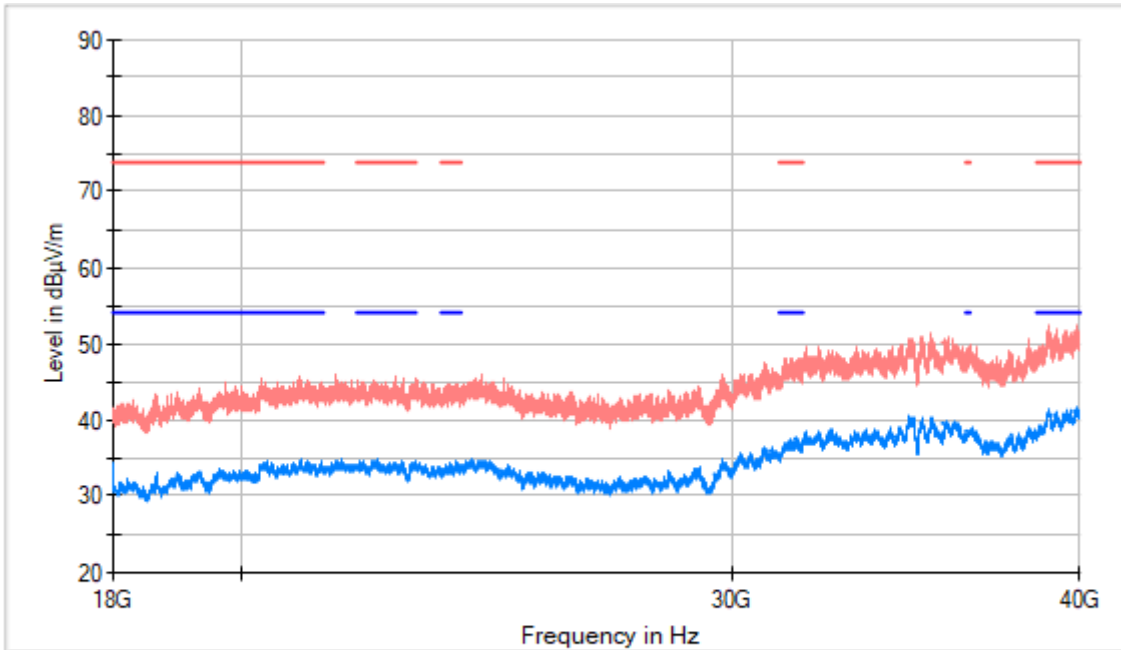
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5262.000000	100.8	93.3	V	---	---	Fundamental
5379.500000	61.5	48.6	V	5.4	54.0	
12134.000000	47.6	35.7	H	18.3	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5260.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

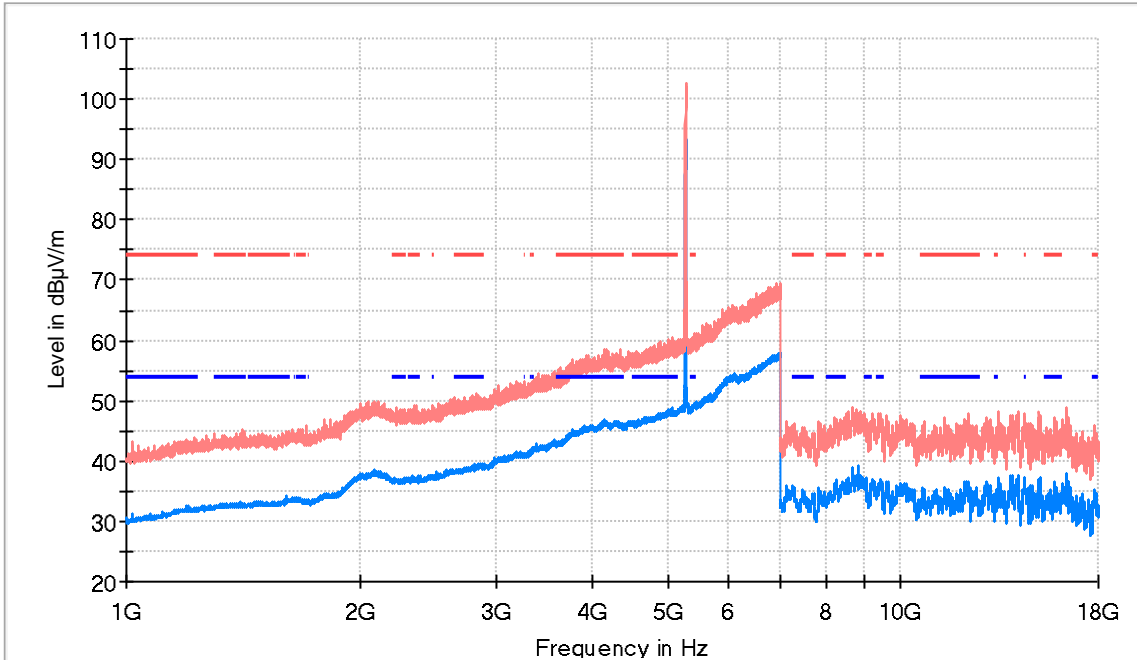


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39899.625000	50.0	41.7	V	12.3	54.0

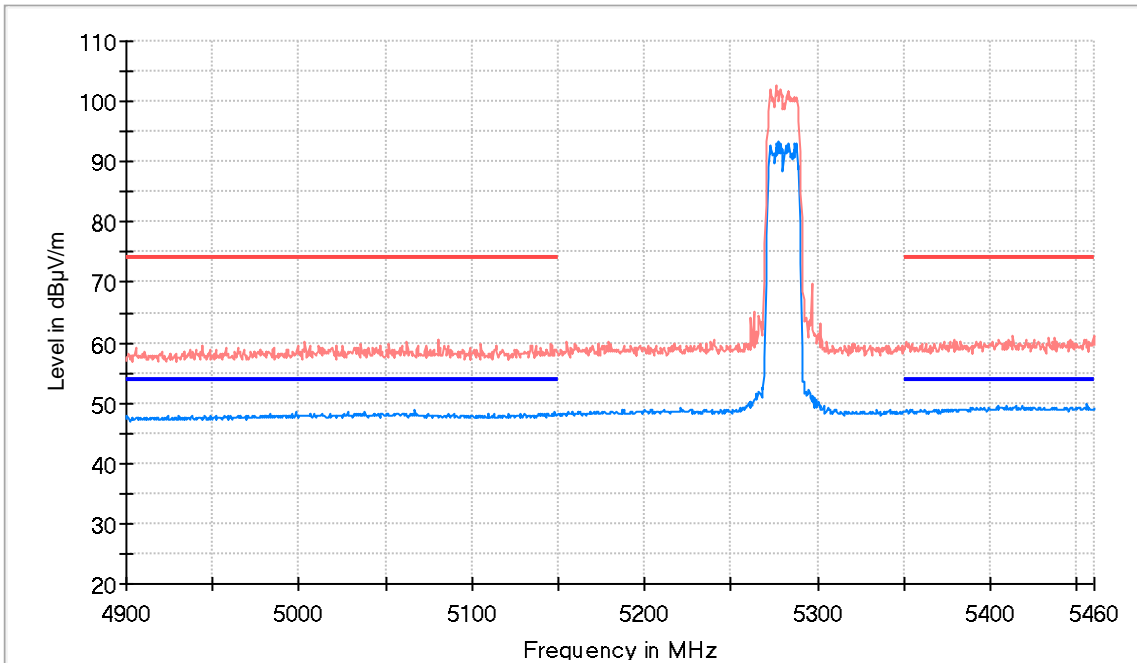
Frequency Range GHz = [1, 18], Frequency MHz = 5280.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

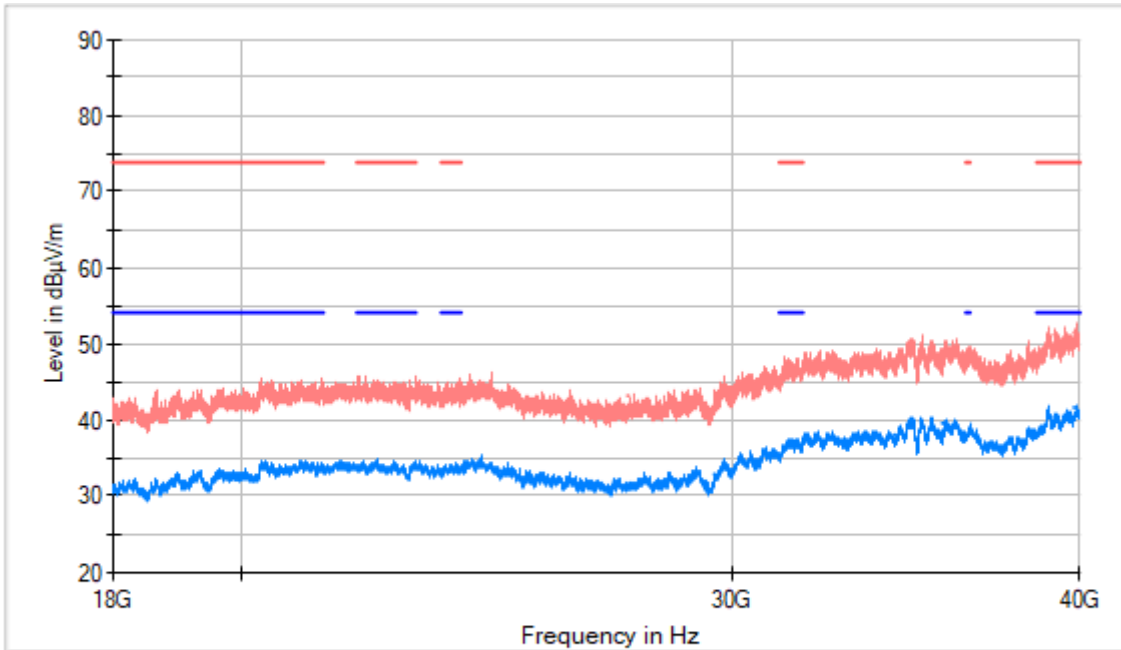
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5277.500000	100.1	93.6	H	---	---	Fundamental
5413.000000	61.2	49.1	V	4.9	54.0	
13336.000000	48.4	36.8	V	17.2	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5280.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

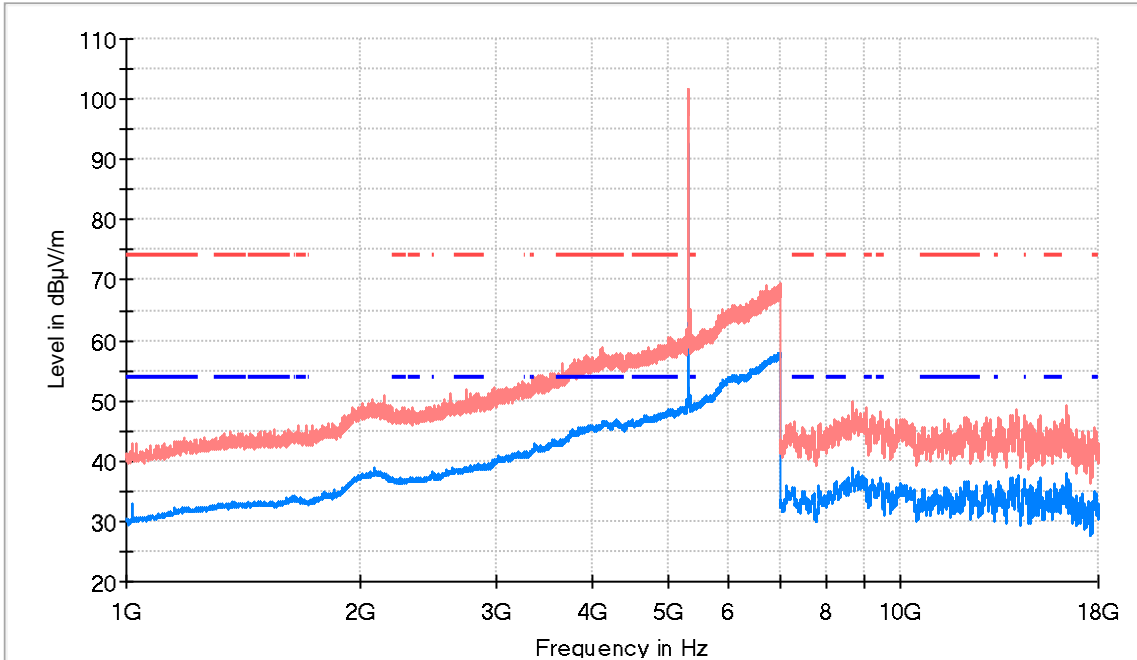


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
38983.875000	50.0	42.0	H	12.0	54.0

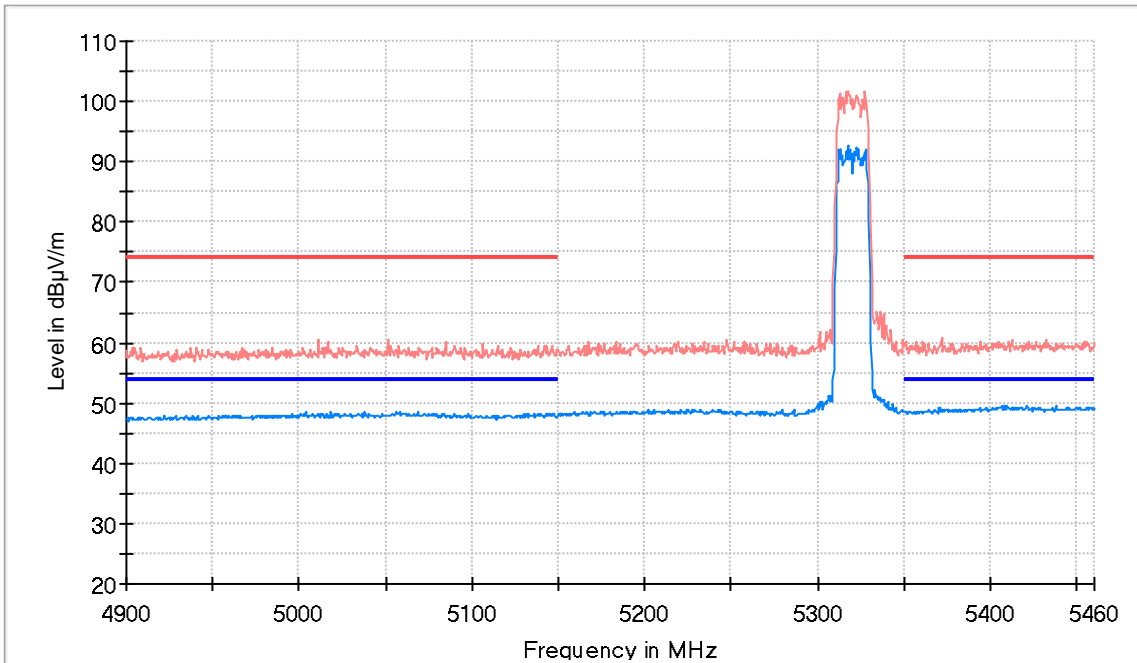
Frequency Range GHz = [1, 18], Frequency MHz = 5320.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5317.500000	101.6	92.7	H	---	---	Fundamental
5371.500000	60.7	48.8	V	5.2	54.0	
14478.500000	47.0	35.4	V	18.6	54.0	

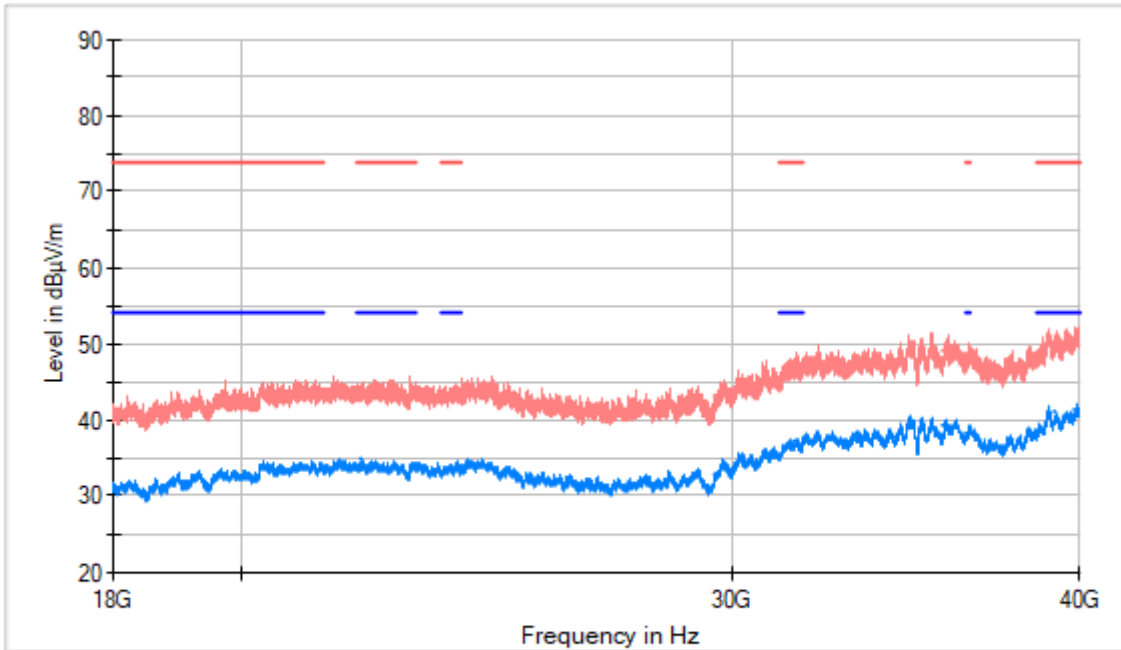


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit



Frequency Range GHz = [18, 40], Frequency MHz = 5320.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

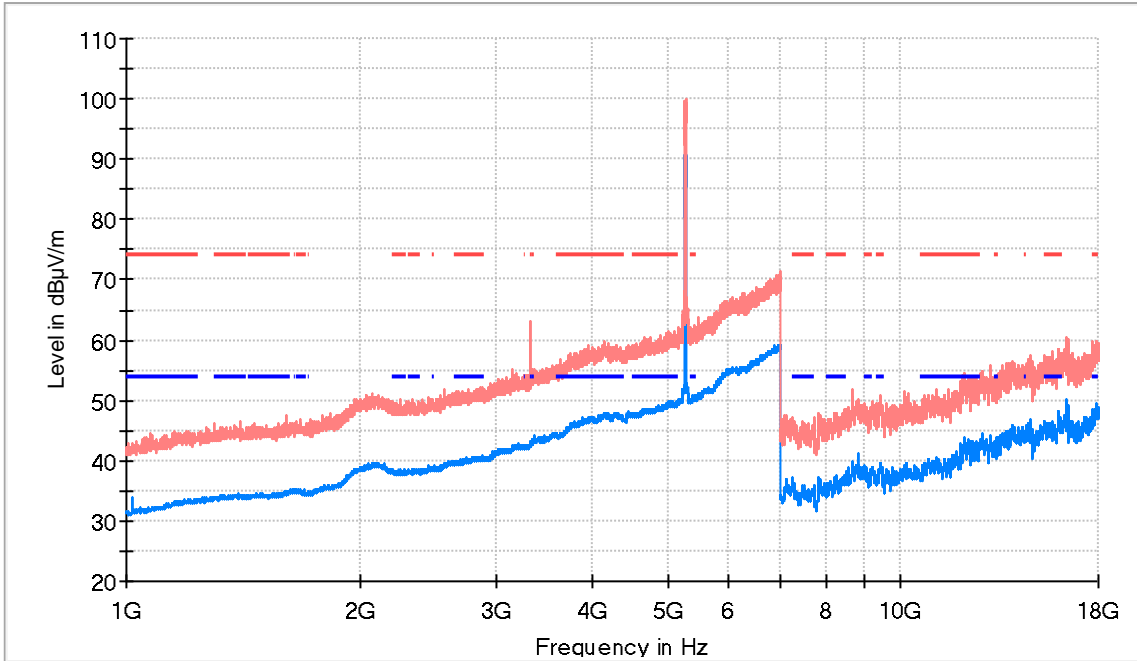


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39964.937500	50.3	42.2	V	11.8	54.0

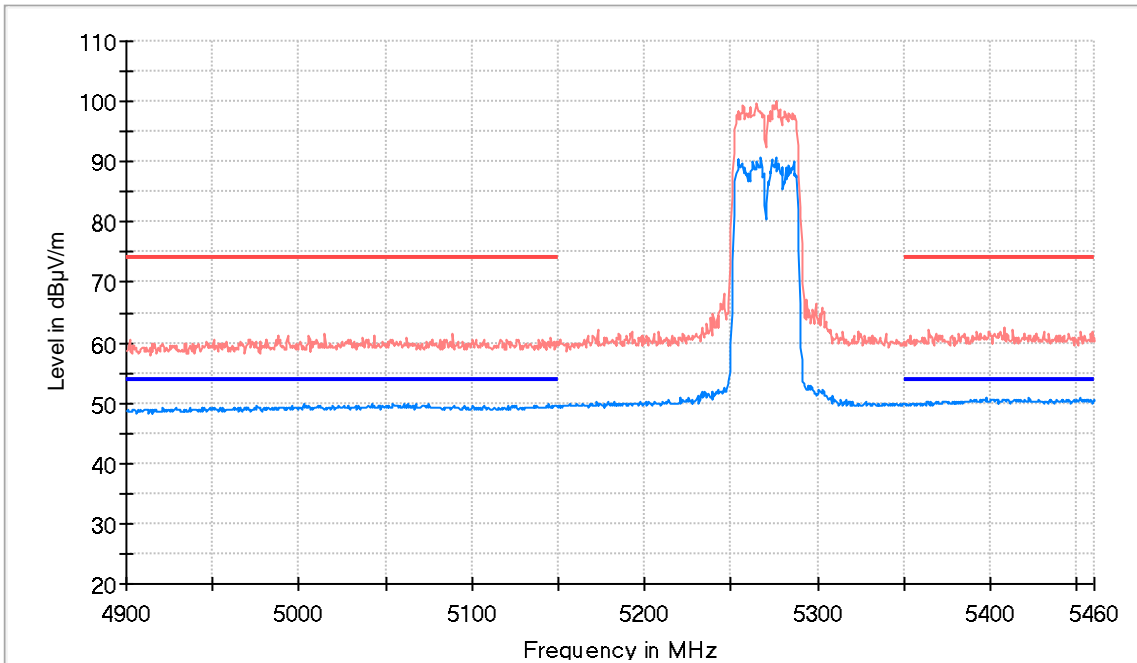
Frequency Range GHz = [1, 18], Frequency MHz = 5270.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

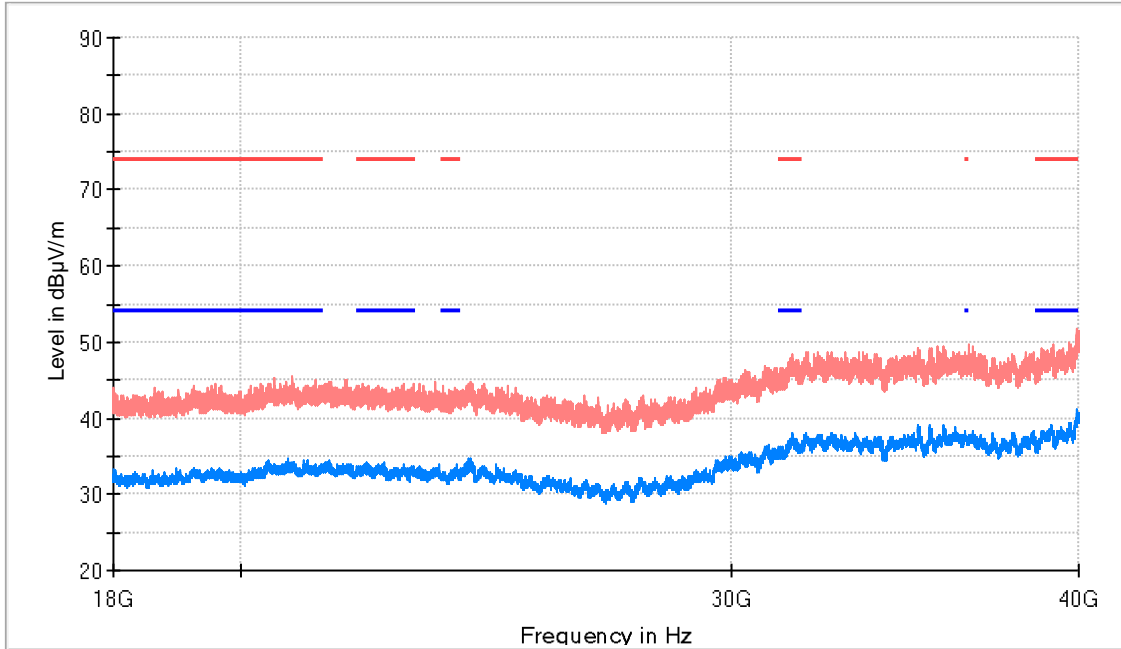
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5267.000000	98.1	90.8	H	---	---	Fundamental
5408.000000	62.4	50.7	V	3.3	54.0	
17710.500000	59.7	48.2	H	5.8	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5270.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

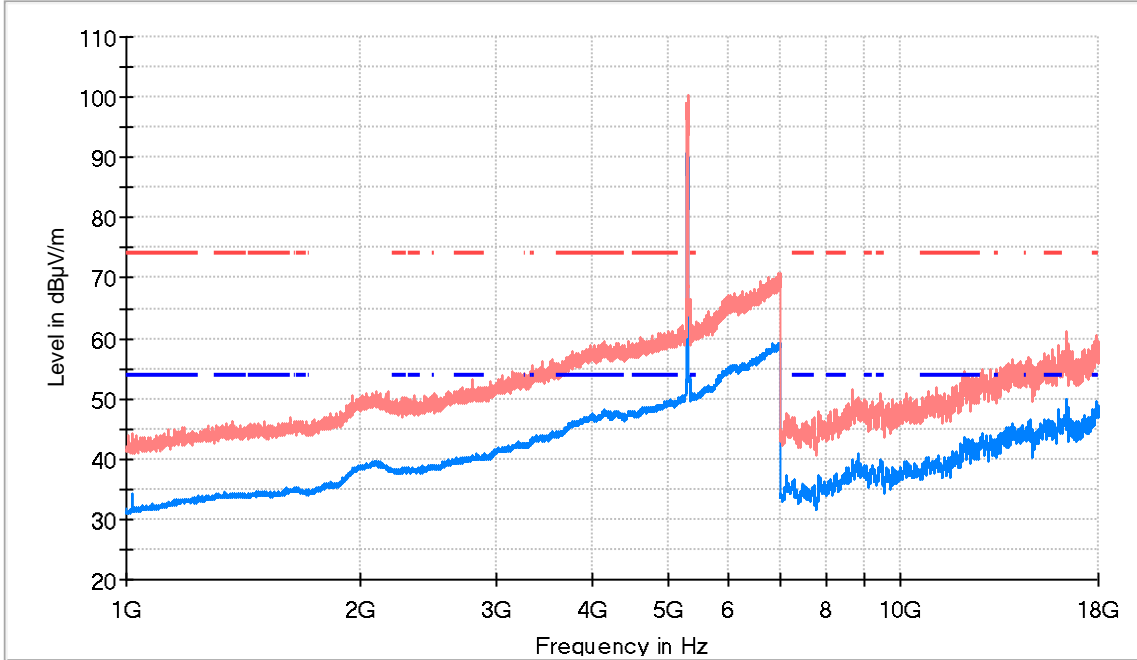


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20792.625000	43.3	34.7	V	19.3	54.0
39962.187500	48.8	41.3	H	12.7	54.0

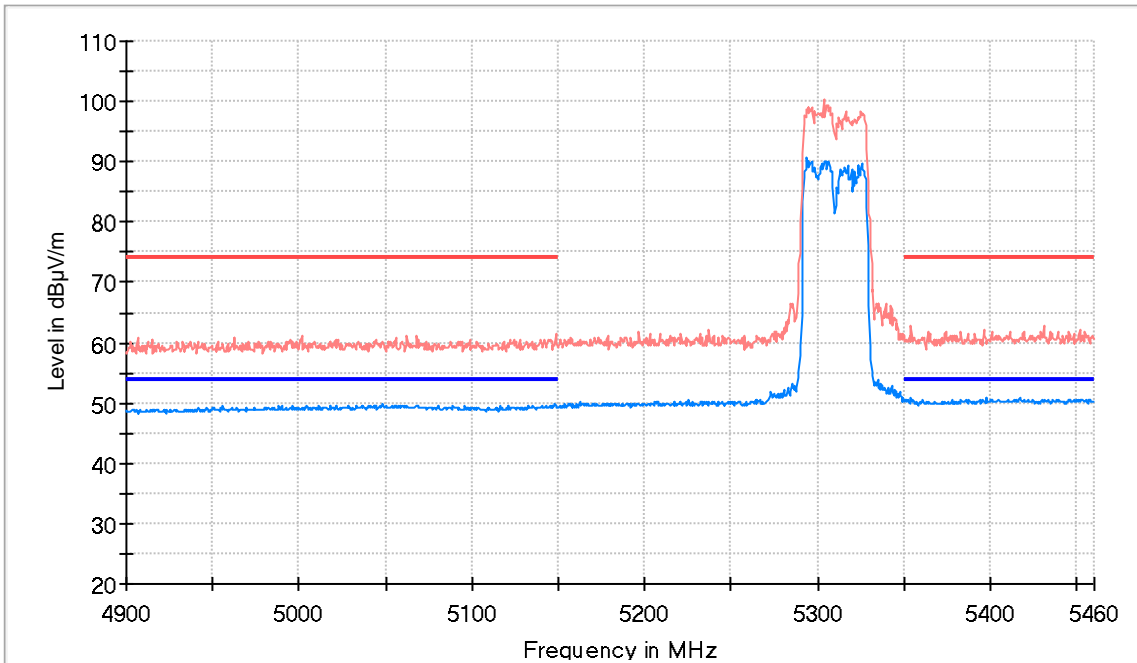
Frequency Range GHz = [1, 18], Frequency MHz = 5310.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

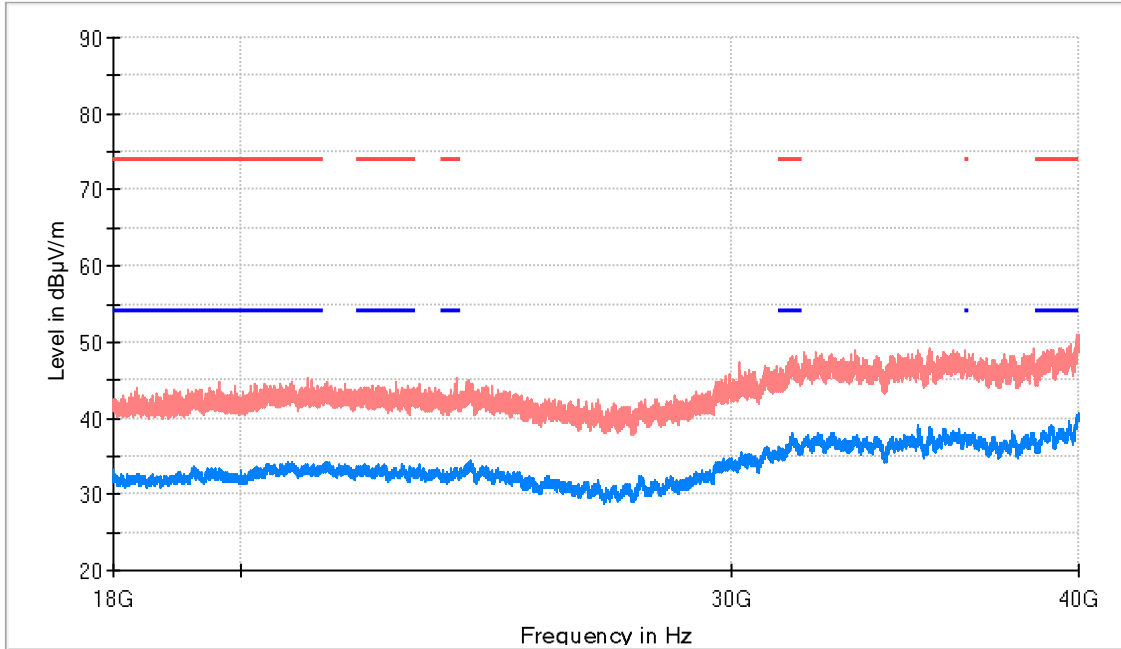
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5303.500000	100.3	89.7	H	---	---	Fundamental
5396.000000	62.2	50.3	H	3.7	54.0	
17916.500000	58.4	49.7	V	4.3	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5310.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
21239.500000	42.7	34.0	H	11.3	54.0
39970.437500	49.8	40.4	H	4.2	54.0

**Modulation: 802.11ac VHT80 SS1 (OFDM MCS9)**

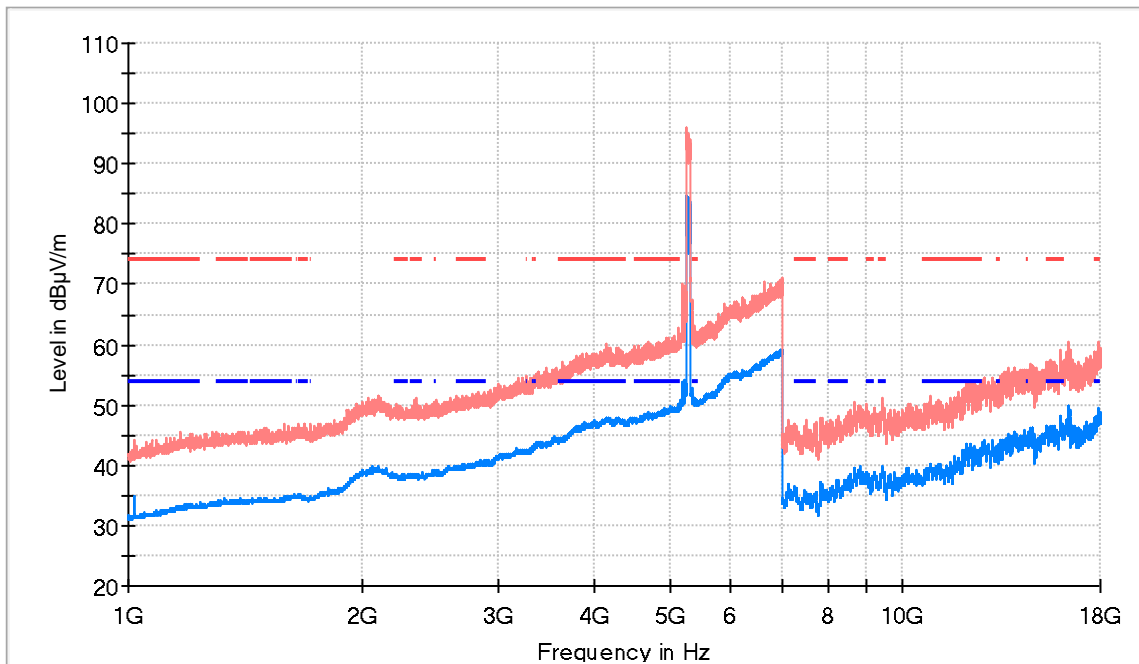
**Results**

**Frequency range 1 - 18 GHz**

**Lowest Channel**

**Active Port = 1 Frequency Range GHz = [1, 18], Frequency MHz = 5290.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3**

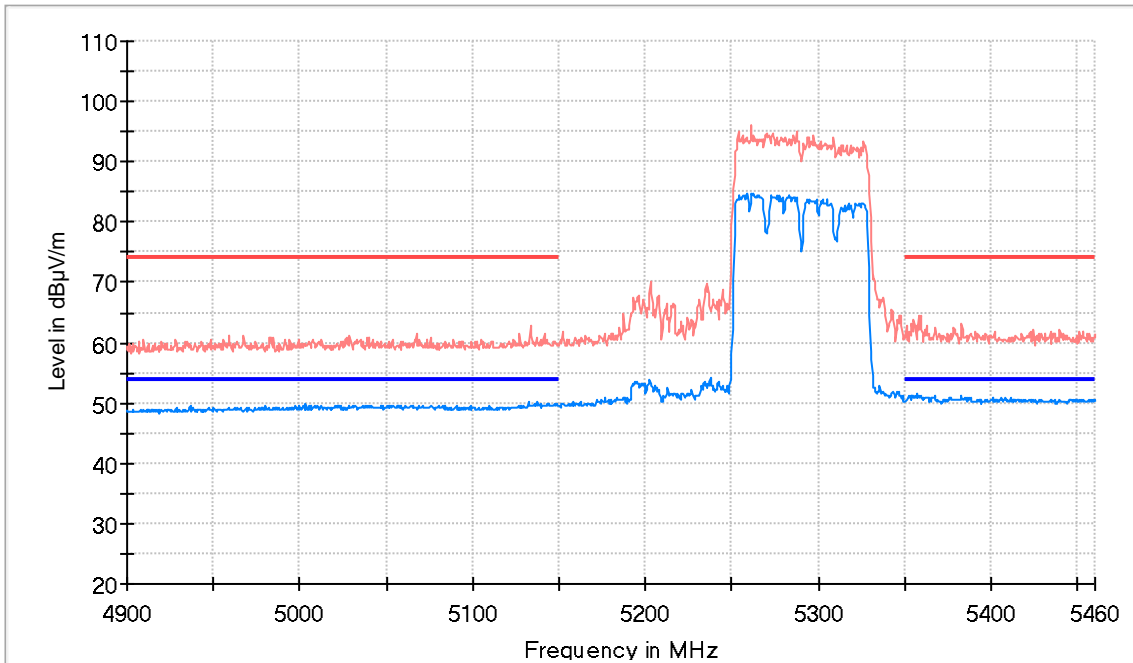
**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5261.000000	95.9	84.3	H	---	---	Fundamental
5424.500000	62.3	50.2	H	3.8	54.0	
17896.50000	60.2	47.9	H	6.1	54.0	





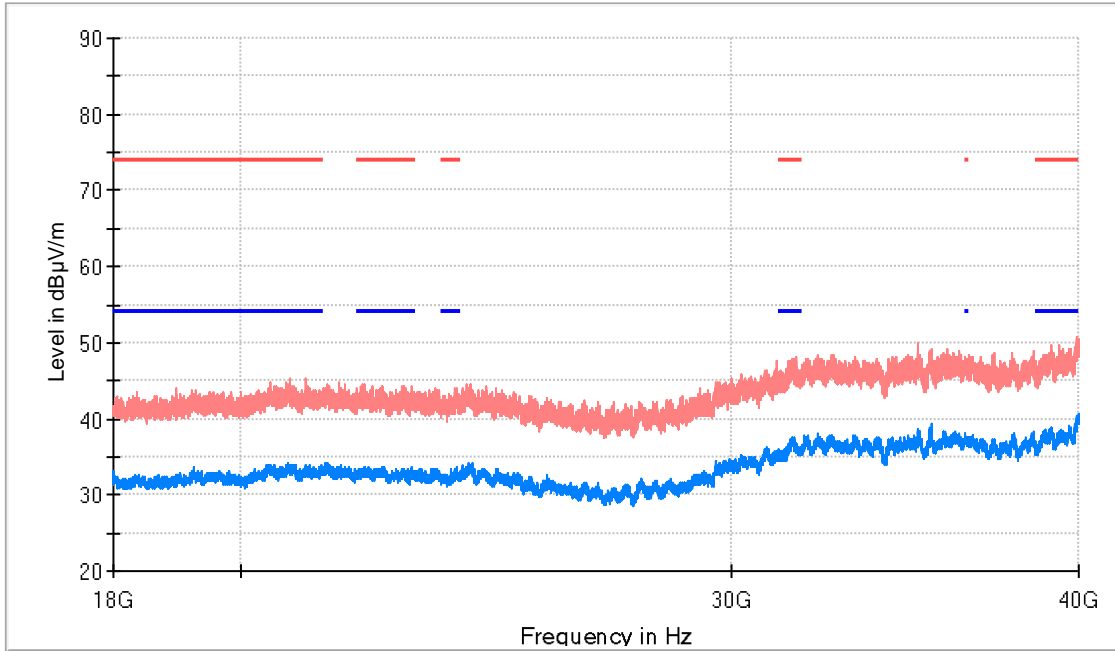
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Frequency range 18 - 40 GHz**

**Single Channel**

**Active Port = 1 Frequency Range GHz = [18, 40], Frequency MHz = 5290.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1**

**Images:**



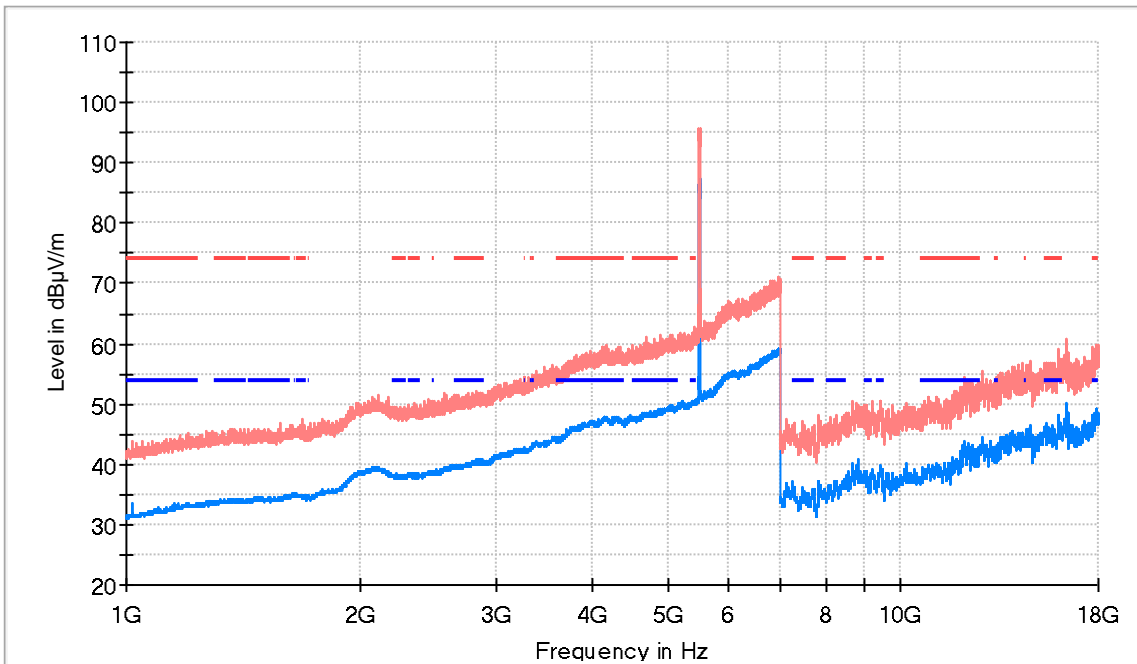
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19235.437500	42.1	33.8	H	20.2	54.0
39980.750000	49.0	40.7	H	13.3	54.0

**UNII-2C:**

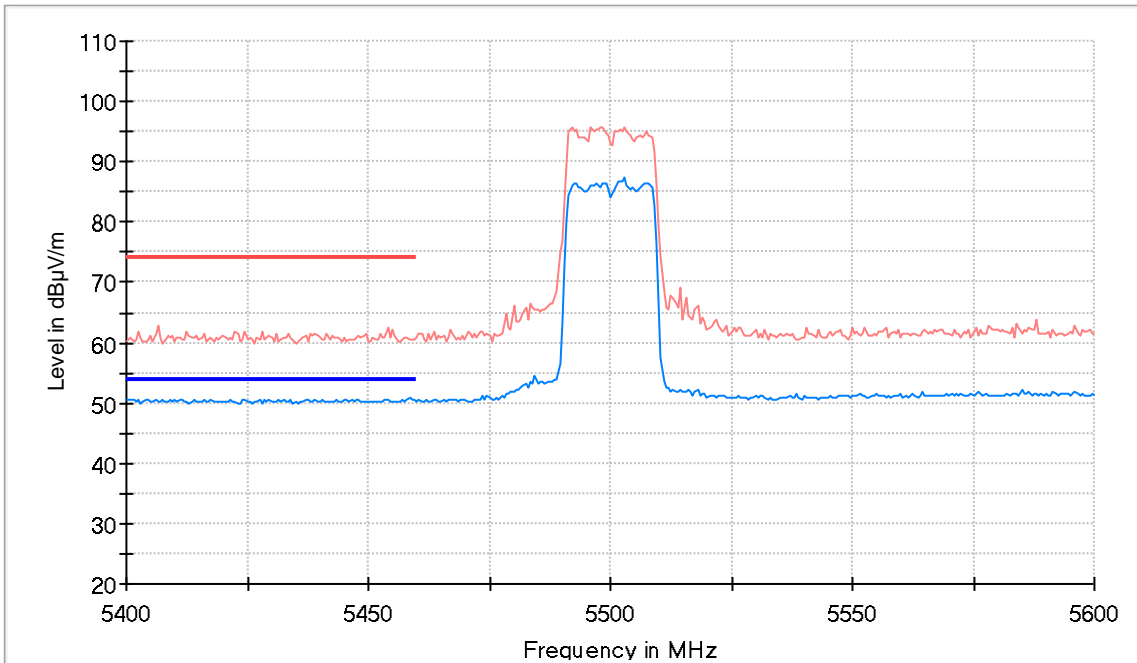
Frequency Range GHz = [1, 18], Frequency MHz = 5500.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

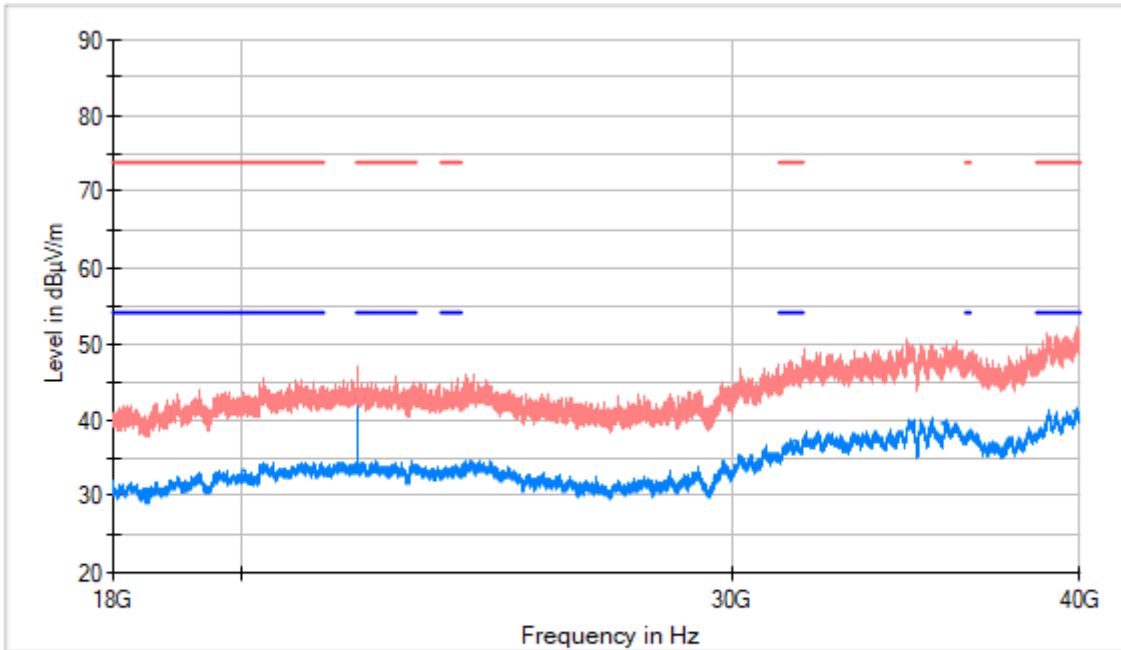
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5406.500000	62.8	50.2	H	3.8	54.0	
5498.000000	95.8	85.7	H	---	---	Fundamental
17714.500000	59.5	47.4	H	6.6	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5500.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

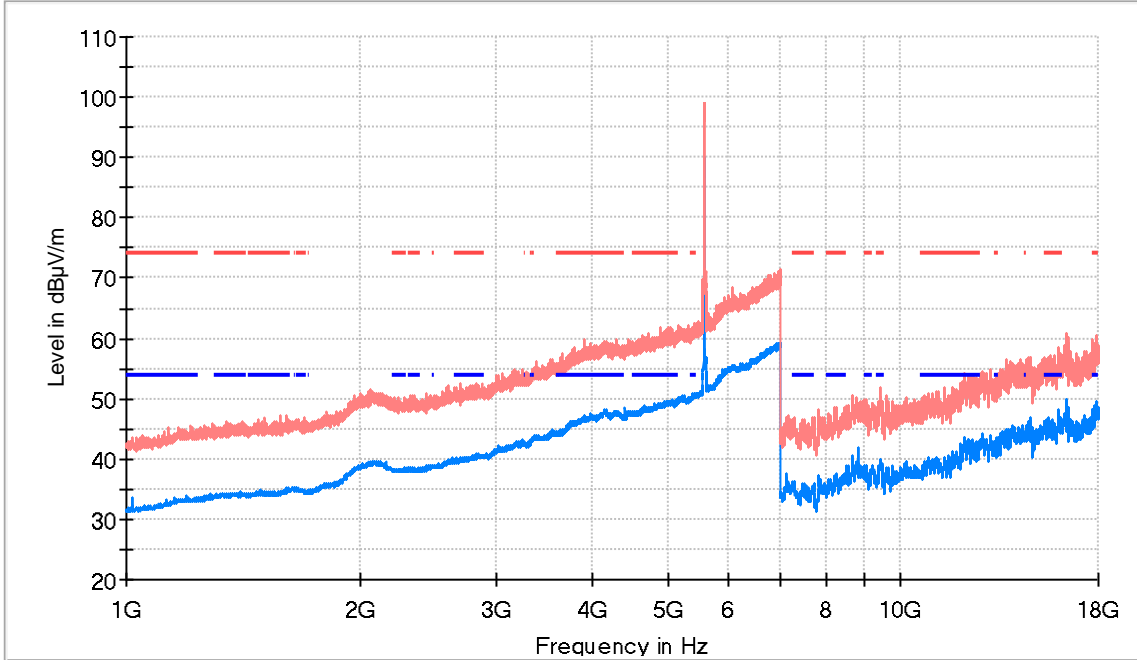


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
21999.875000	47.0	42.1	V	---	---
39945.687500	50.4	41.5	V	12.5	54.0

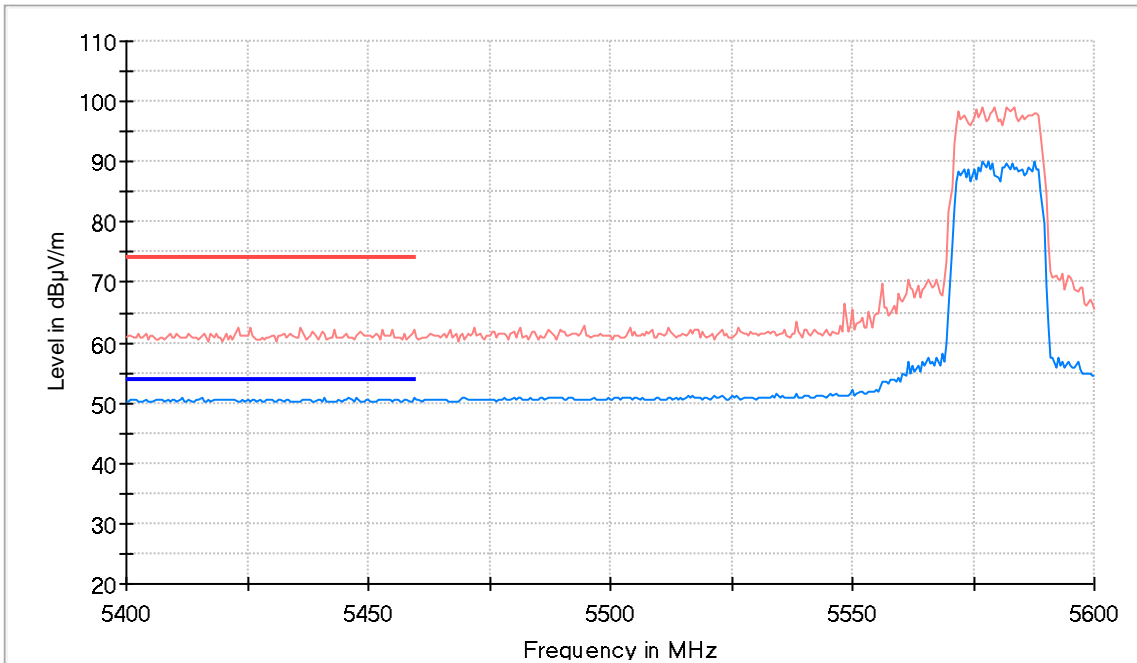
Frequency Range GHz = [1, 18], Frequency MHz = 5580.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

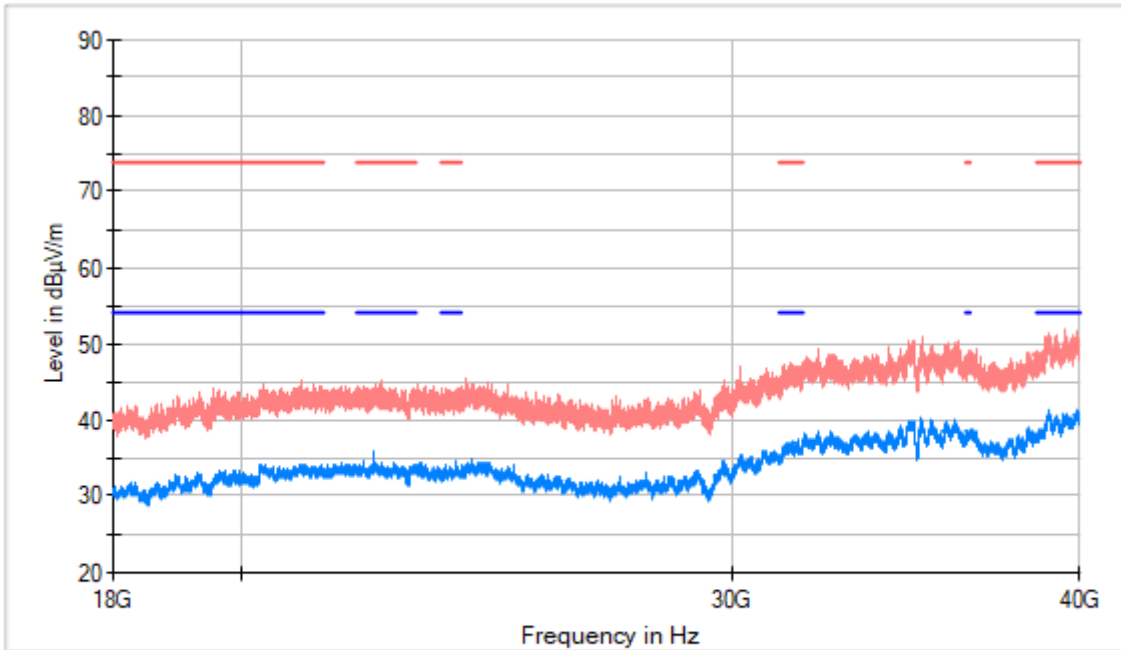
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Poi	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5370.000000	61.9	49.9	V	4.1	54.0	
5577.000000	99.1	90.1	H	---	---	Fundamental
17707.000000	60.0	47.8	H	6.2	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5580.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



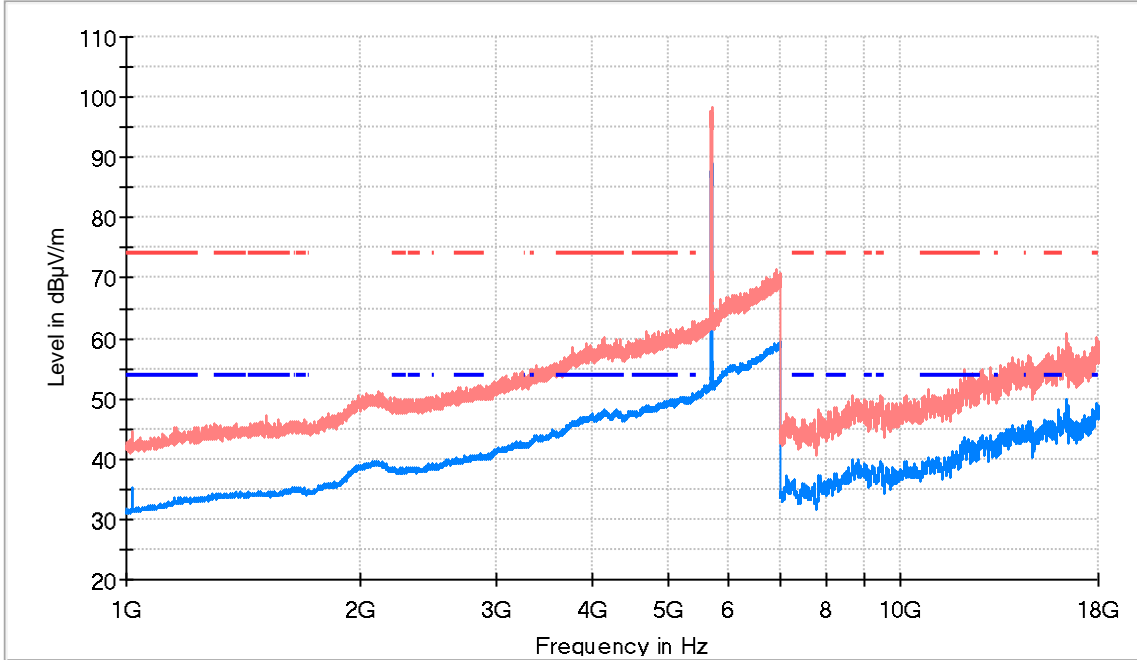
- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
22320.250000	43.2	36.1	H	17.9	54.0
38971.500000	50.0	41.4	V	12.6	54.0



Frequency Range GHz = [1, 18], Frequency MHz = 5700.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

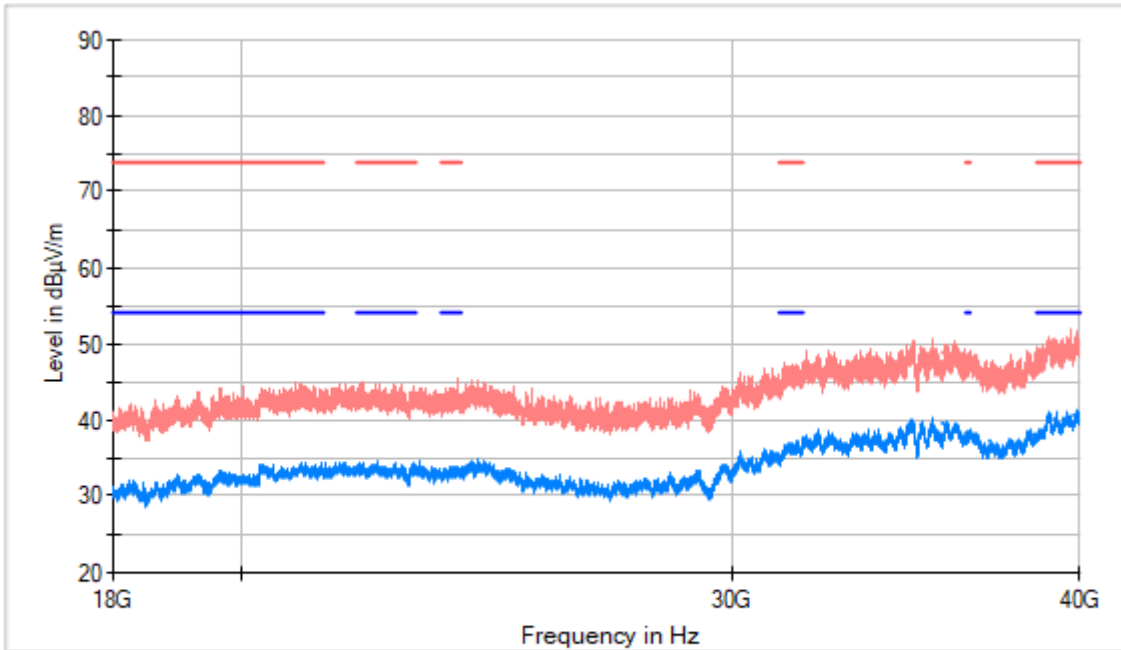


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5408.000000	62.9	50.1	H	3.9	54.0	
5701.500000	98.3	88.9	V	---	---	Fundamental
17912.000000	58.4	49.1	V	4.9	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5700.00000, Modulation = 802.11ac VHT20 SS1 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

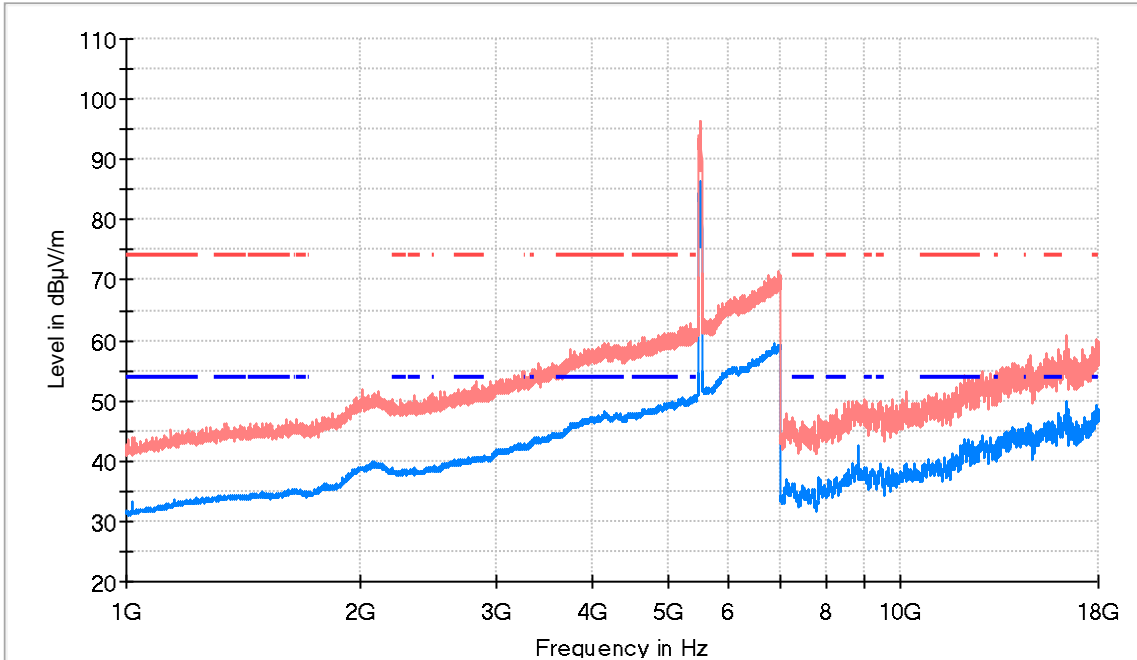


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39907.875000	50.9	41.5	V	12.5	54.0

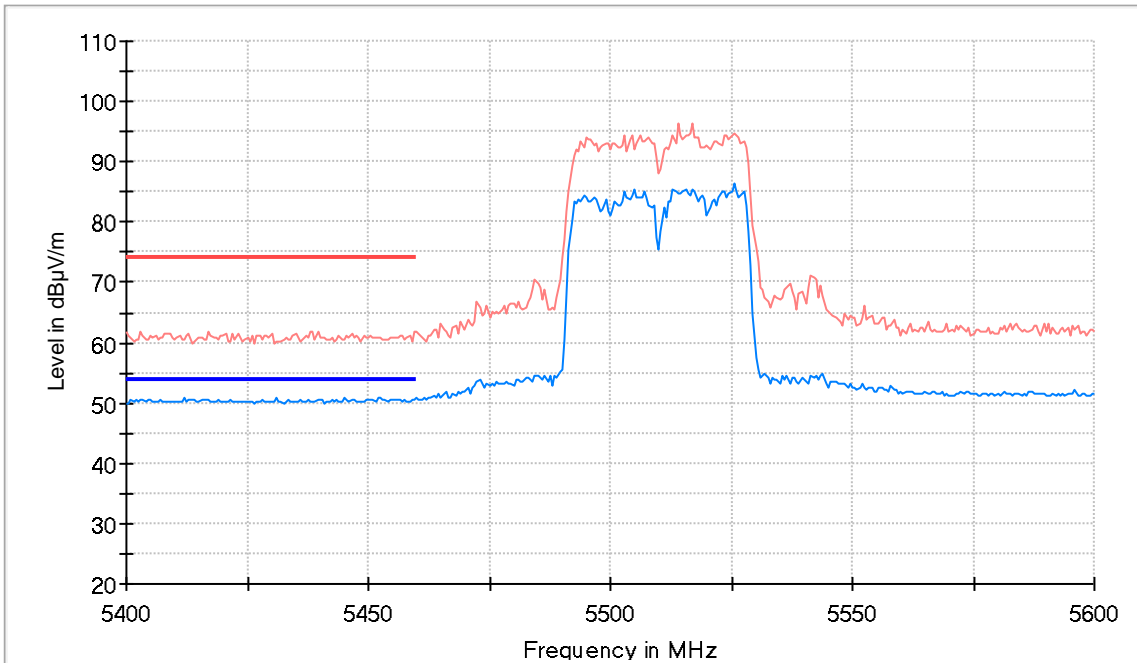
Frequency Range GHz = [1, 18], Frequency MHz = 5510.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

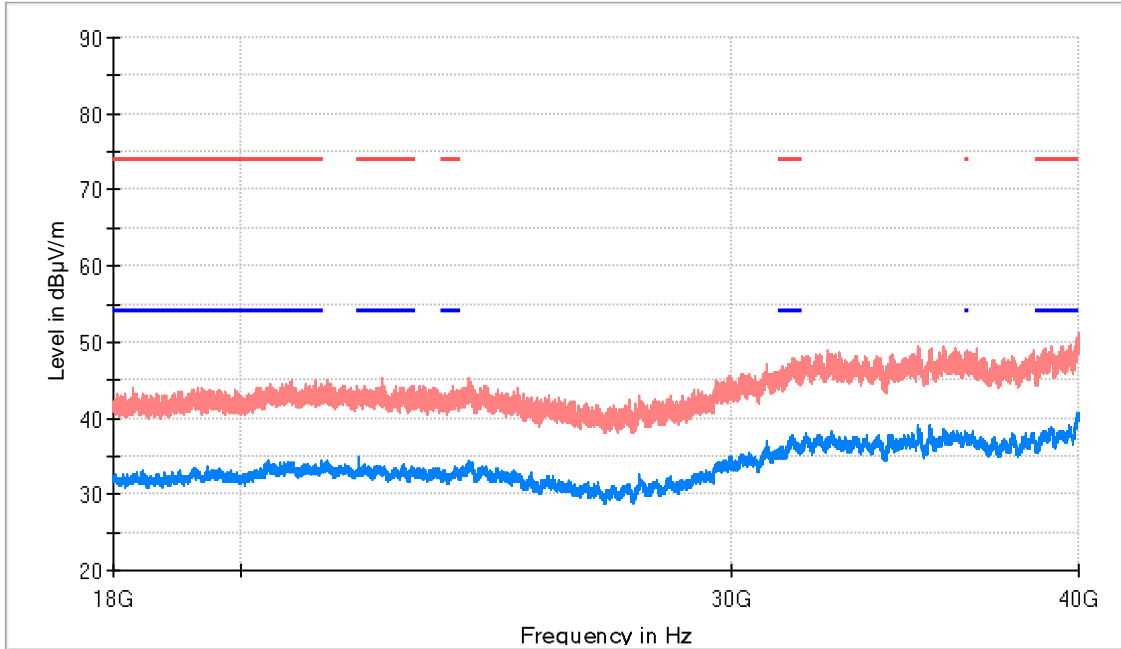
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5368.500000	61.5	49.9	H	4.1	54.0	
5514.000000	96.5	84.9	H	---	---	Fundamental
17910.500000	60.0	48.4	V	5.6	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5510.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

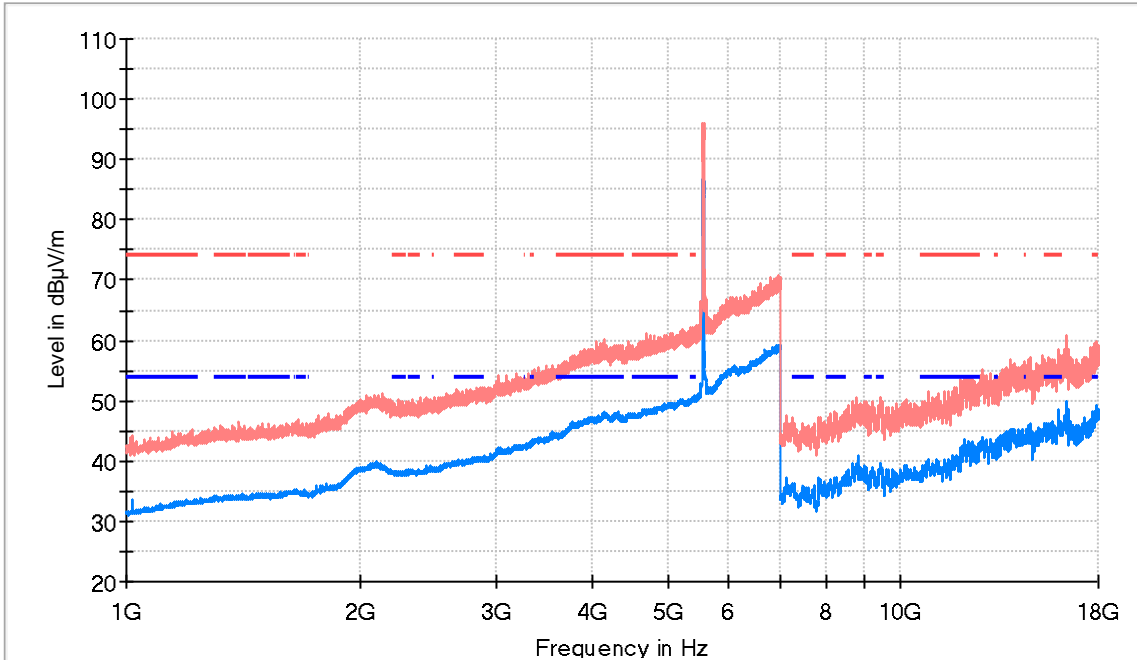


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
22039.750000	43.2	34.9	V	19.1	54.0
39994.500000	51.3	39.6	H	14.4	54.0

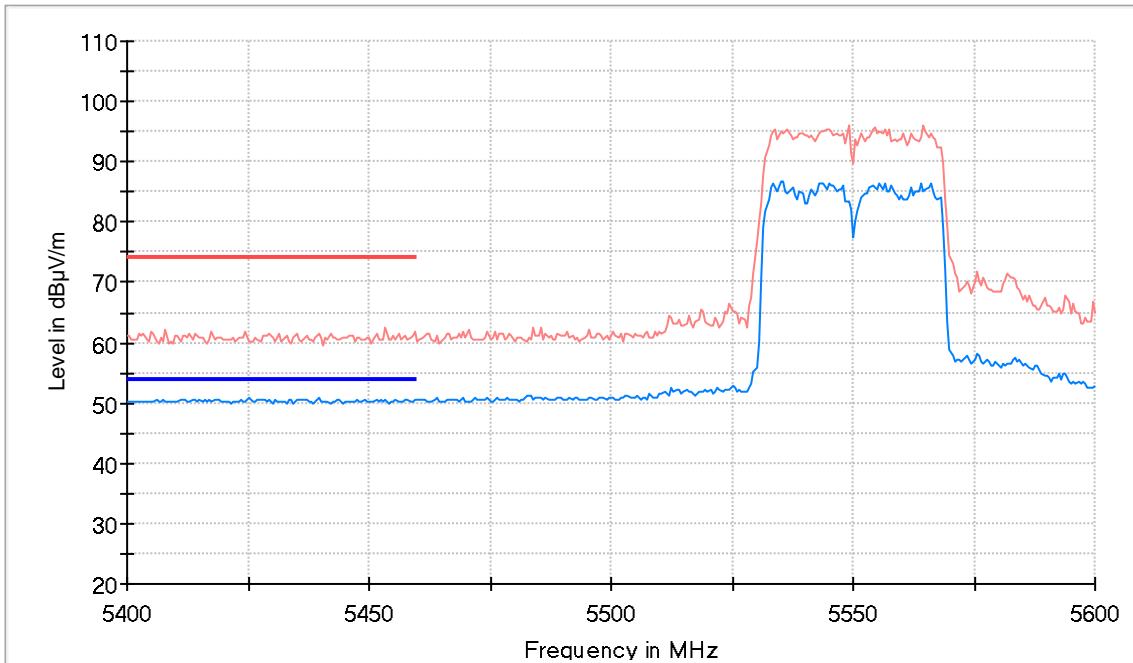
Frequency Range GHz = [1, 18], Frequency MHz = 5550.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

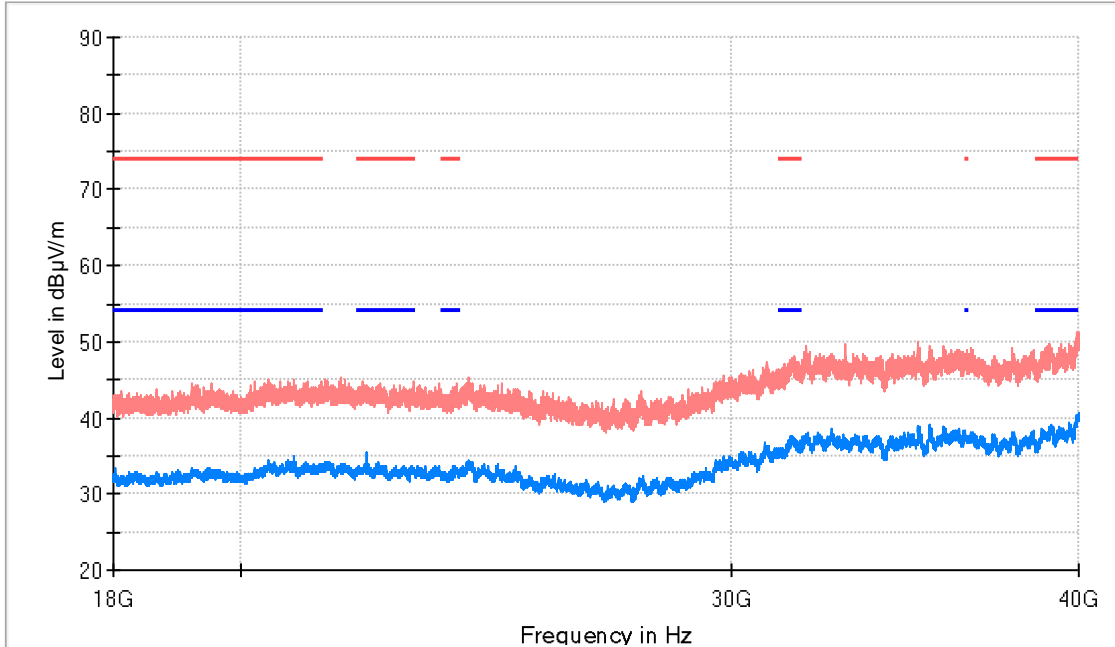
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5361.500000	62.2	49.7	H	4.3	54.0	
5549.000000	96.0	83.6	H	---	---	Fundamental
17756.000000	59.4	47.8	V	6.2	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5550.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



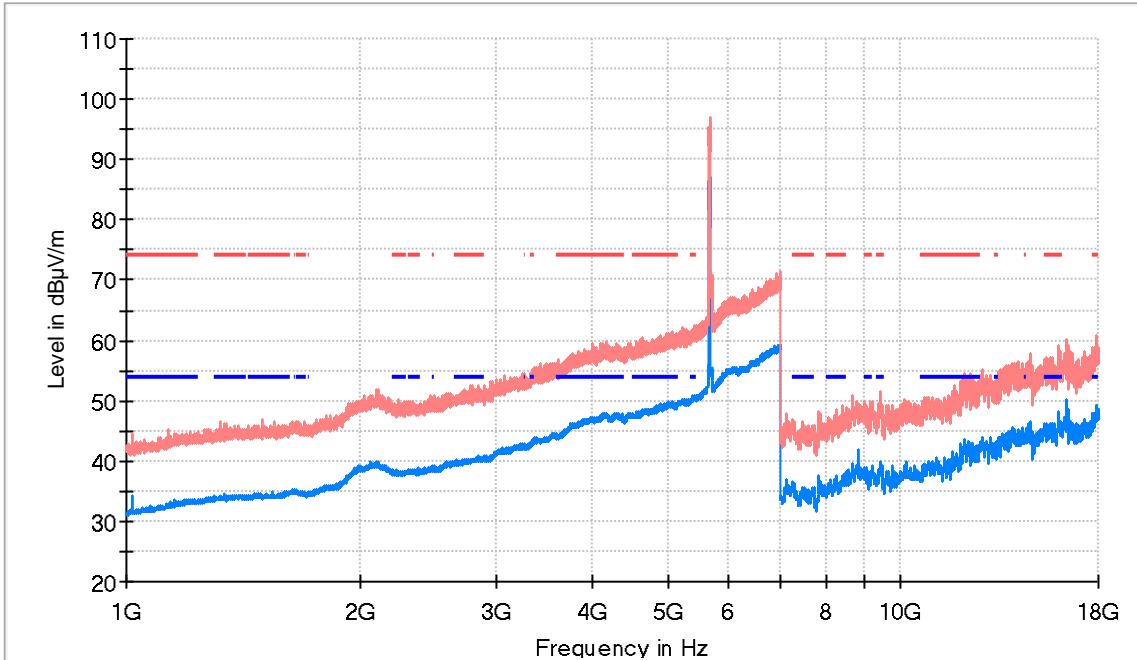
- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
22039.750000	43.2	34.9	V	19.1	54.0
39994.500000	51.3	39.6	H	14.4	54.0



Frequency Range GHz = [1, 18], Frequency MHz = 5670.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

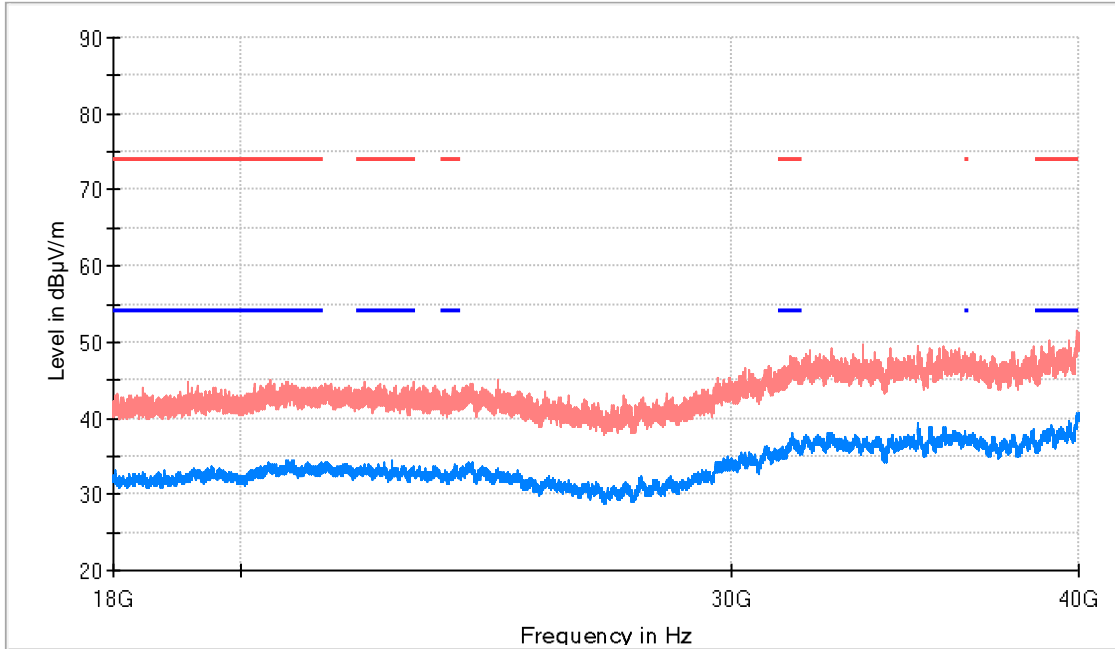


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5442.000000	62.5	50.2	H	3.8	54.0	
5686.000000	96.9	86.2	H	---	---	Fundamental
17933.500000	61.0	48.7	V	5.3	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5670.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
22679.812500	42.3	34.5	V	19.5	54.0
39991.062500	49.6	40.8	H	13.2	54.0

**Modulation: 802.11ac VHT80 SS1 (OFDM MCS9)**

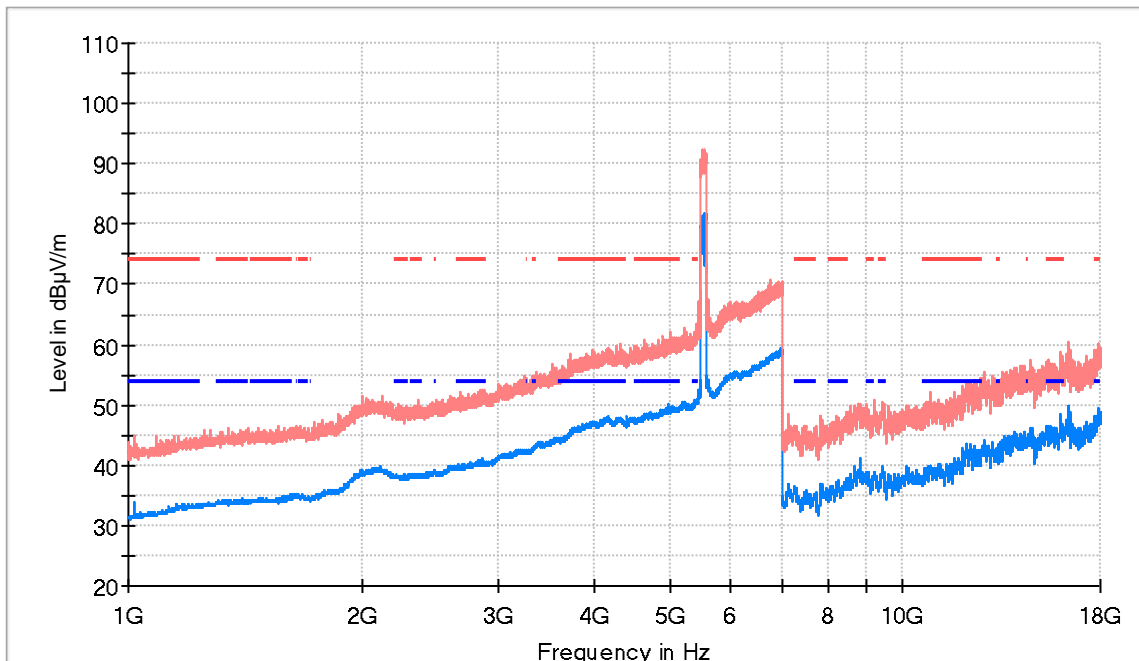
**Results**

**Frequency range 1 - 18 GHz**

**Lowest Channel**

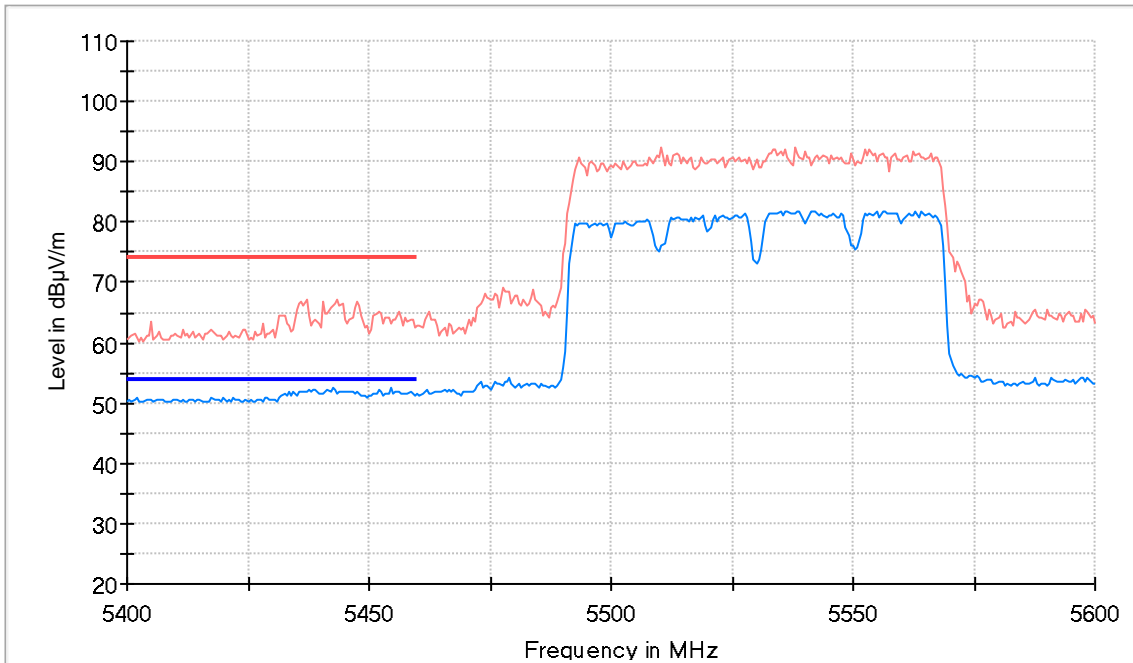
**Active Port = 1** Frequency Range GHz = [1, 18], Frequency MHz = 5530.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5443.000000	66.5	52.2	H	1.8	54.0	
5538.000000	92.5	81.4	H	---	---	Fundamental
17919.000000	60.1	49.0	V	5.0	54.0	

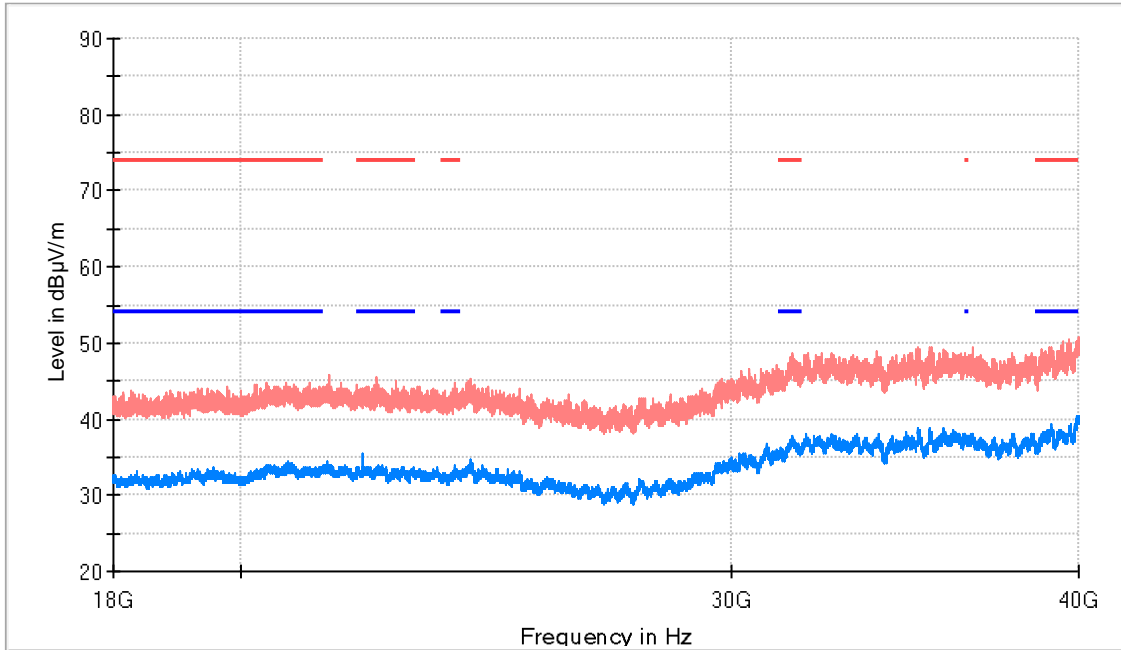


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Frequency range 18 - 40 GHz**

**Active Port = 1** Frequency Range GHz = [18, 40], Frequency MHz = 5530.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

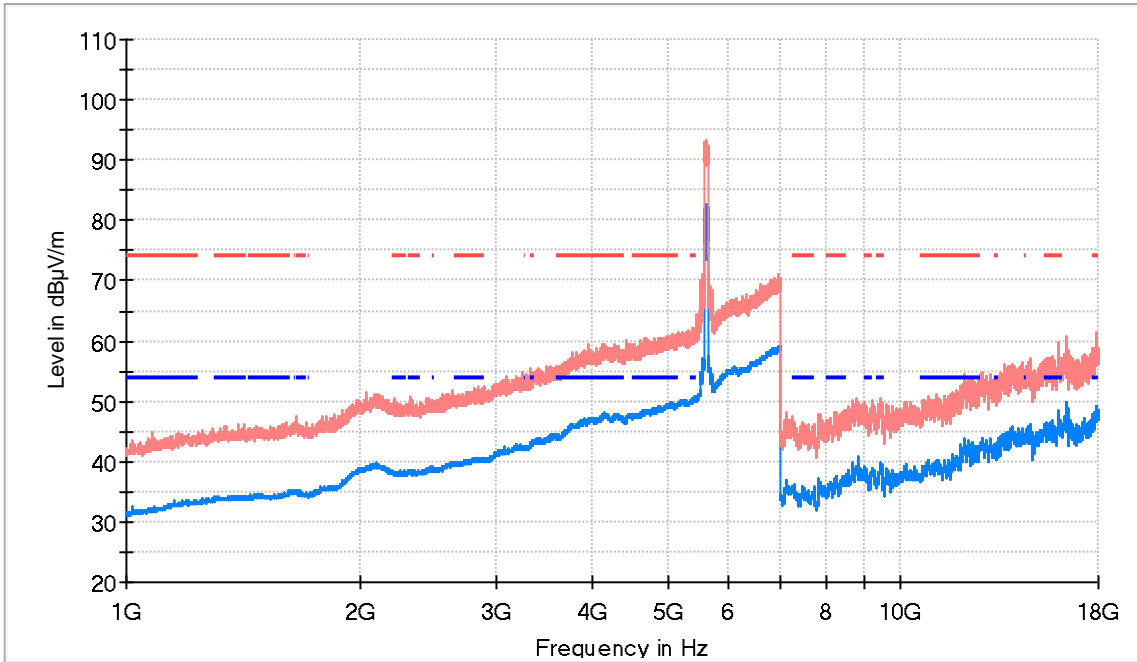
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
22119.500000	43.2	35.5	V	18.5	54.0
39998.625000	49.7	40.5	V	13.5	54.0

**Frequency range 1 - 18 GHz**

**Middle Channel**

**Active Port = 1** Frequency Range GHz = [1, 18], Frequency MHz = 5610.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3

Images:



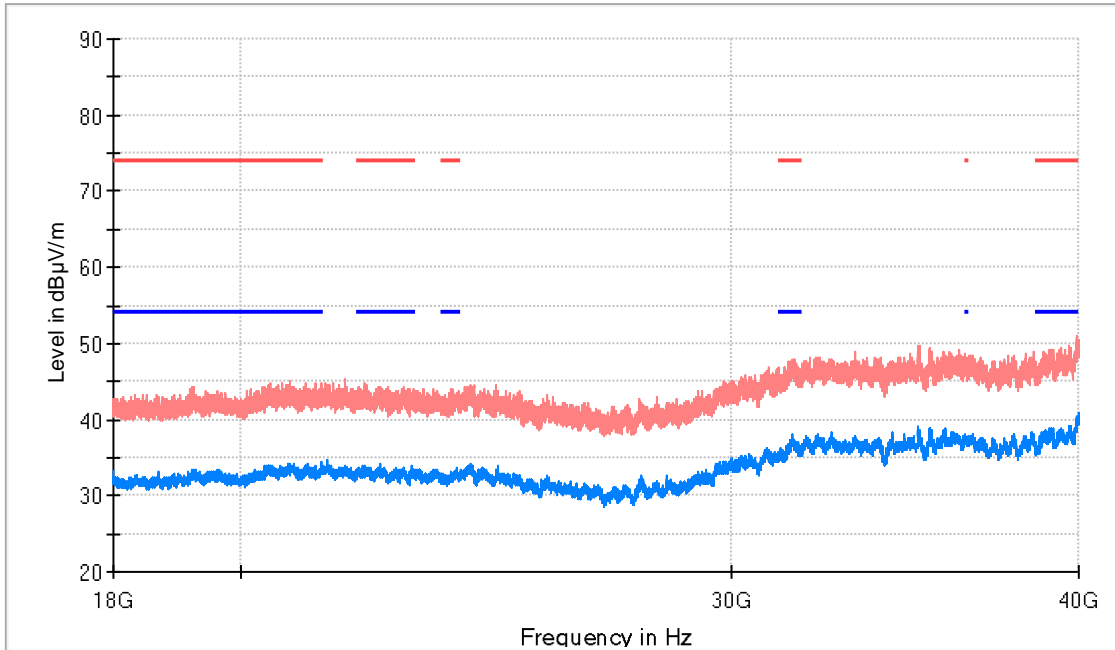
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5455.500000	64.4	50.5	H	3.5	54.0	
5603.500000	93.3	82.1	V	---	---	Fundamental
17941.000000	61.5	48.6	V	5.4	54.0	

**Frequency range 18 - 40 GHz**

**Active Port = 1** Frequency Range GHz = [18, 40], Frequency MHz = 5610.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

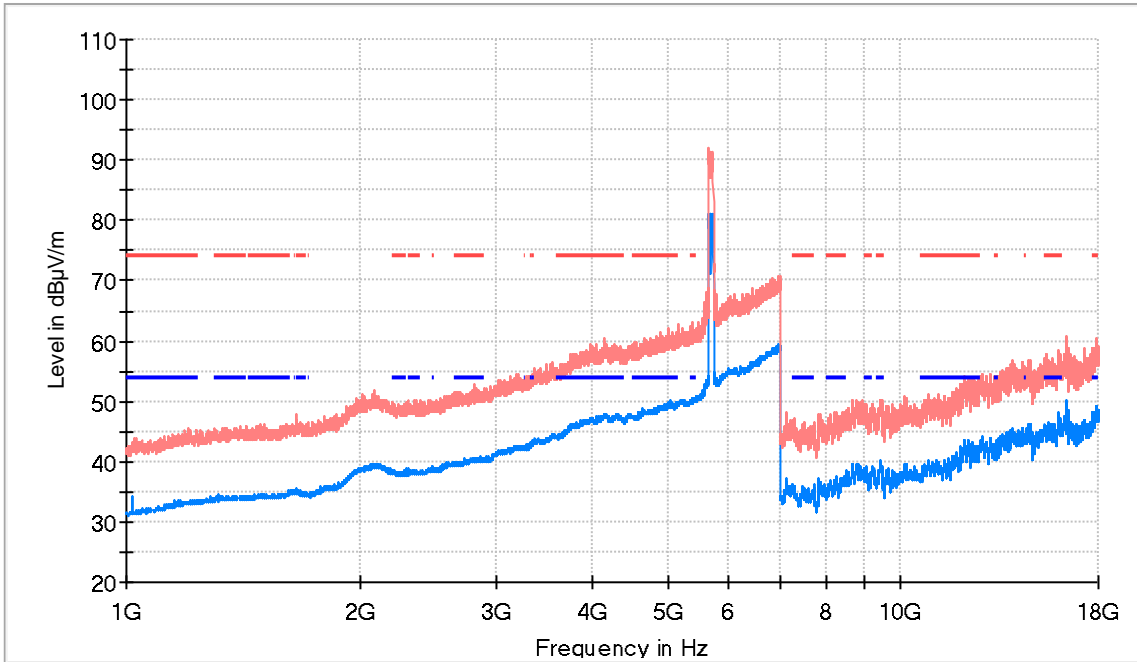
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
22439.875000	42.7	34.3	V	19.7	54.0
39981.437500	49.6	40.8	V	13.2	54.0

**Frequency range 1 - 18 GHz**

**Highest Channel**

**Active Port = 1** Frequency Range GHz = [1, 18], Frequency MHz = 5690.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

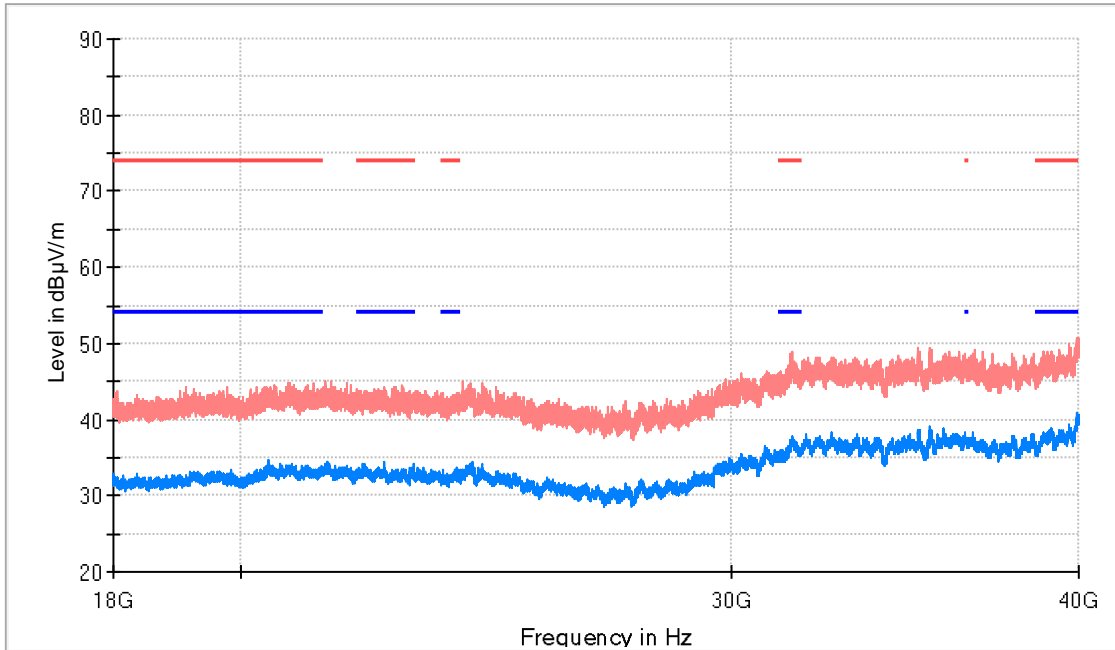
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5395.500000	63.1	50.2	H	3.8	54.0	
5693.500000	91.4	80.8	V	---	---	Fundamental
17904.000000	60.4	48.4	V	5.6	54.0	



**Frequency range 18 - 40 GHz**

**Active Port = 1** Frequency Range GHz = [18, 40], Frequency MHz = 5690.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1

Images:



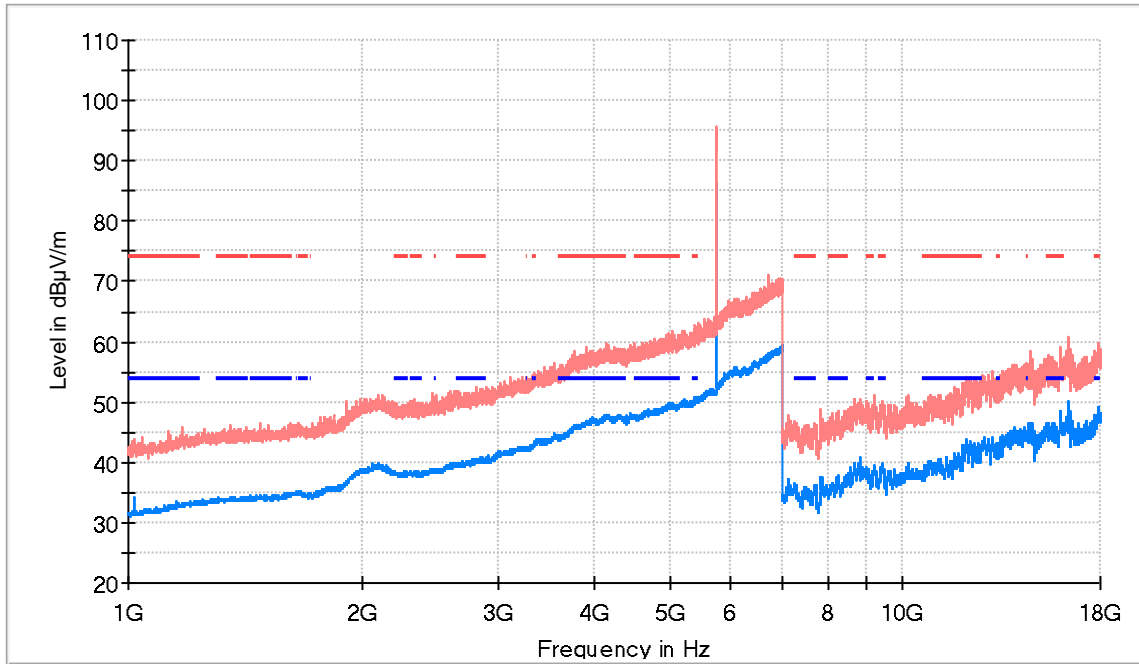
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39951.875000	49.1	40.9	H	13.1	54.0

**UNII-3:**

Frequency Range GHz = [1, 18], Frequency MHz = 5745.00000, Modulation = 802.11n HT20 (OFDM MCS7), Mode = SISO, Measurement Point = 1

**Images:**

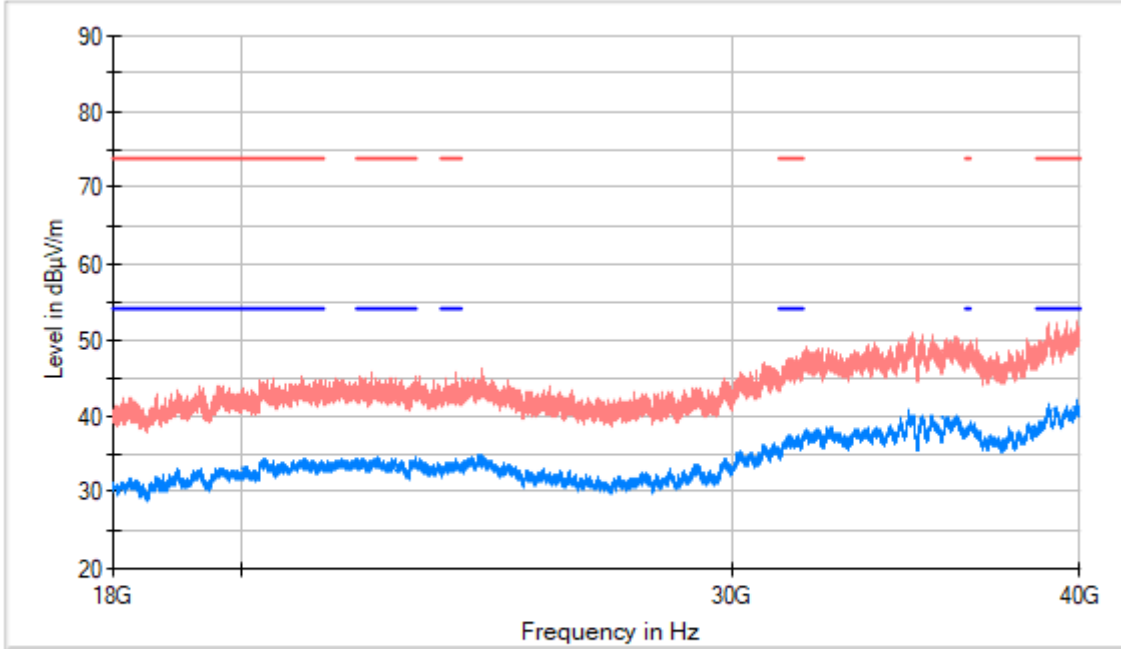


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5398.000000	63.0	50.4	V	3.6	54.0	
5747.000000	95.4	86.3	V	---	---	Fundamental
17904.000000	59.8	48.3	V	5.7	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5745.00000, Modulation = 802.11n HT20 (OFDM MCS7),  
 Mode = SISO, Measurement Point = 1

Images:

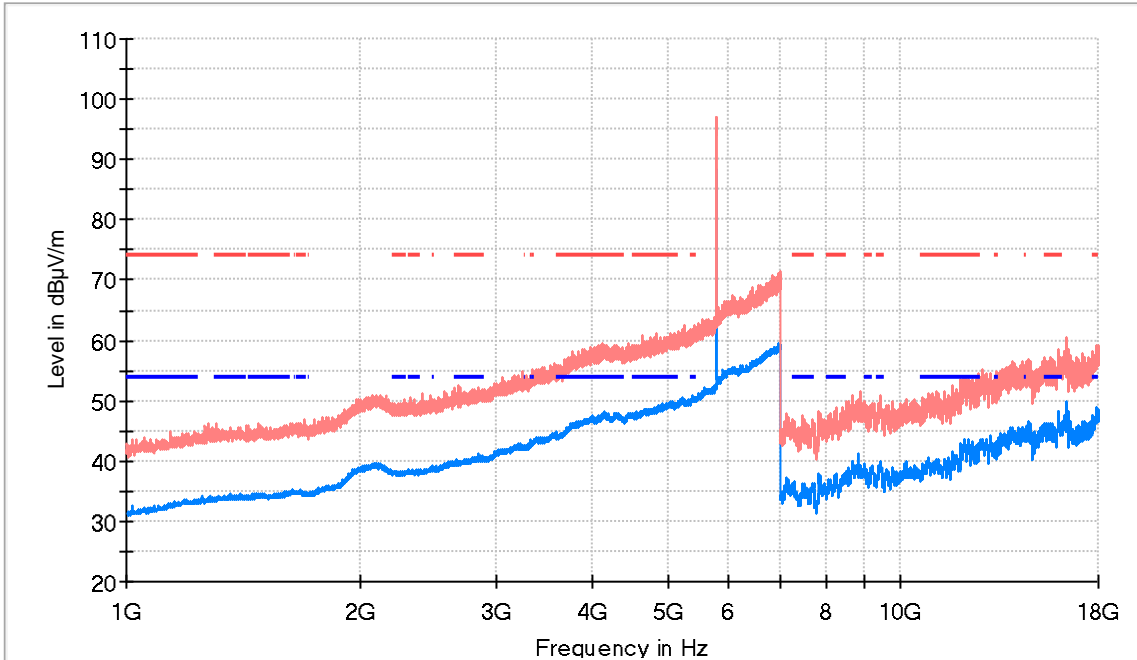


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39934.687500	50.0	42.2	H	11.8	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5785.00000, Modulation = 802.11n HT20 (OFDM MCS7), Mode = SISO, Measurement Point = 1

Images:

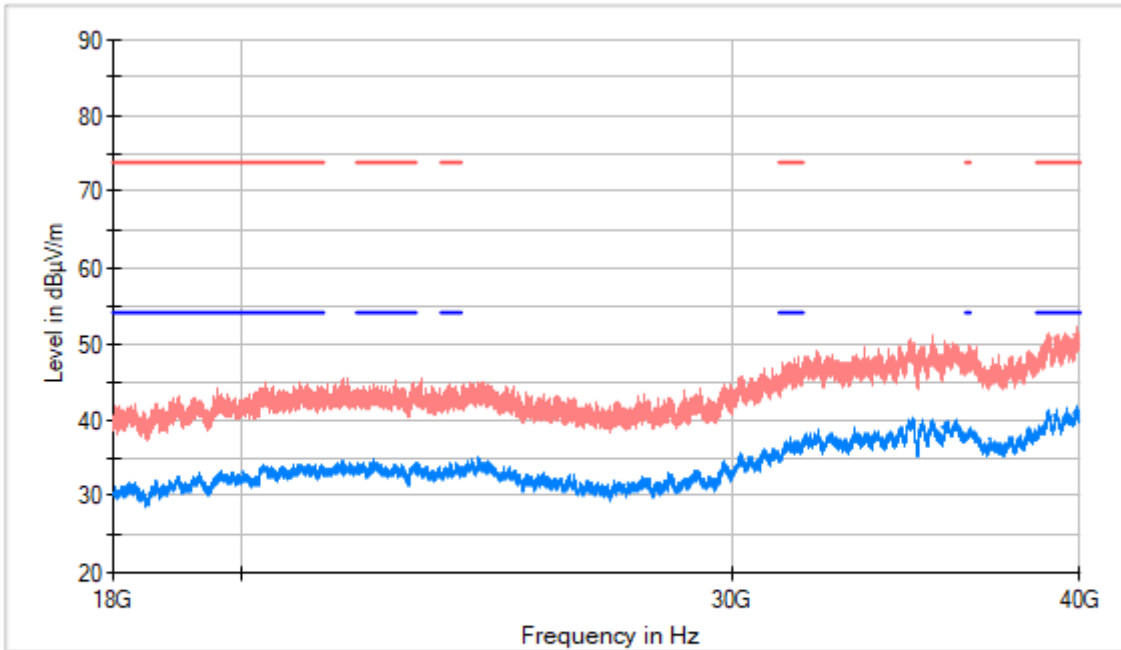


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5416.000000	62.5	50.1	V	3.9	54.0	
5786.000000	97.0	86.1	H	---	---	Fundamental
17964.000000	59.3	47.2	V	6.8	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5785.00000, Modulation = 802.11n HT20 (OFDM MCS7), Mode = SISO, Measurement Point = 1

Images:

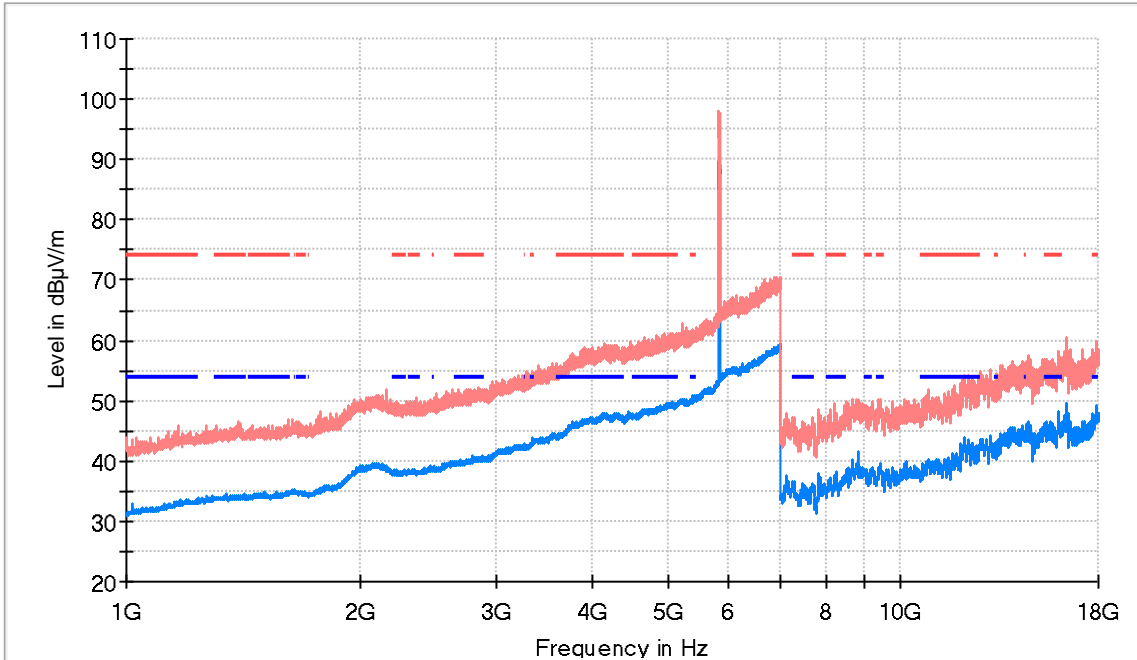


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39940.875000	51.1	41.9	V	12.1	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5825.00000, Modulation = 802.11n HT20 (OFDM MCS7),  
 Mode = SISO, Measurement Point = 1

Images:

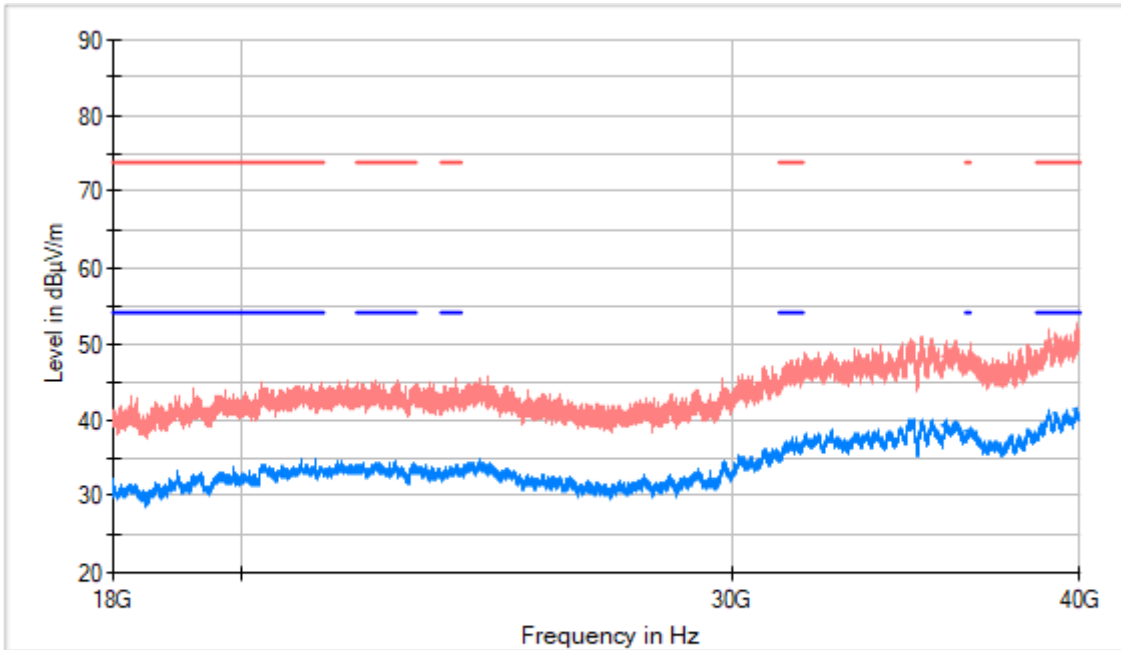


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5447.000000	62.2	50.3	H	3.7	54.0	
5821.000000	98.1	88.2	H	---	---	Fundamental
17919.500000	59.8	49.3	V	4.7	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5825.00000, Modulation = 802.11n HT20 (OFDM MCS7),  
 Mode = SISO, Measurement Point = 1

Images:

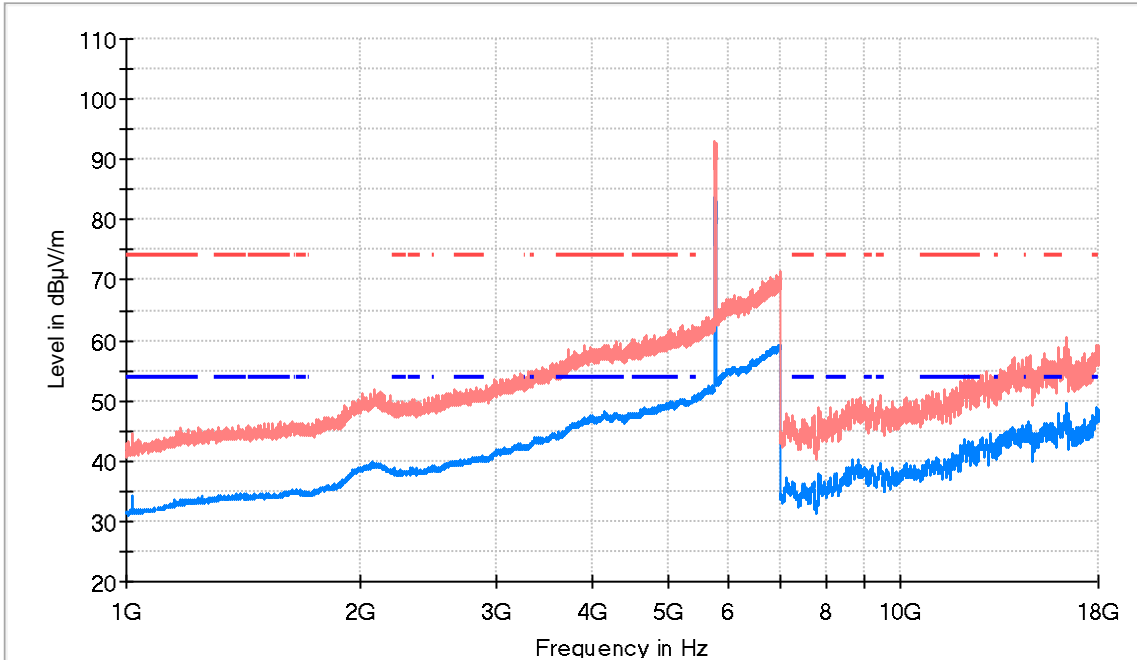


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39925.062500	50.3	41.8	H	12.2	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5755.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



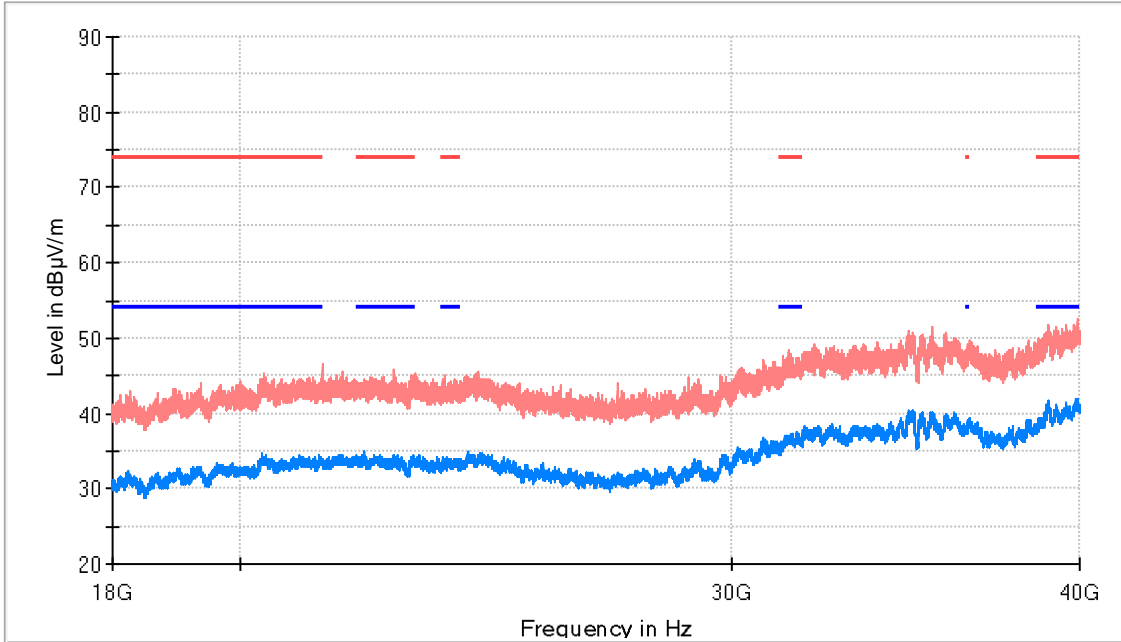
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5394.500000	62.4	50.4	H	3.6	54.0	
5748.500000	93.0	82.4	V	---	---	Fundamental
17939.000000	59.2	48.0	H	6.0	54.0	



Frequency Range GHz = [18, 40], Frequency MHz = 5755.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

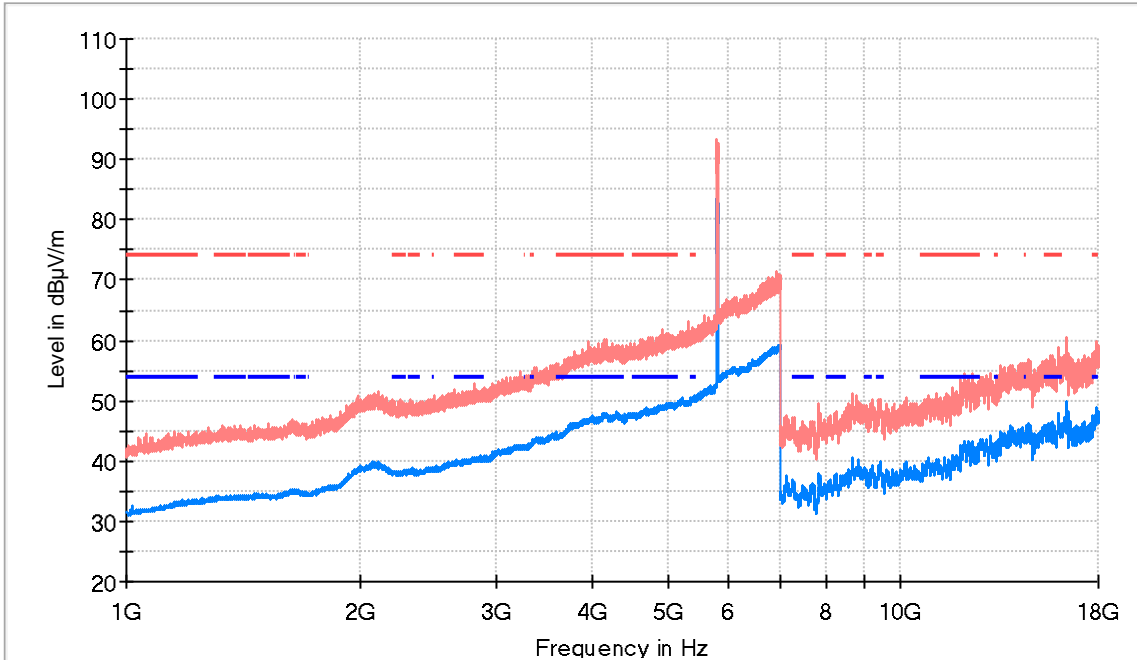


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39004.500000	49.8	41.6	H	12.4	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5795.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

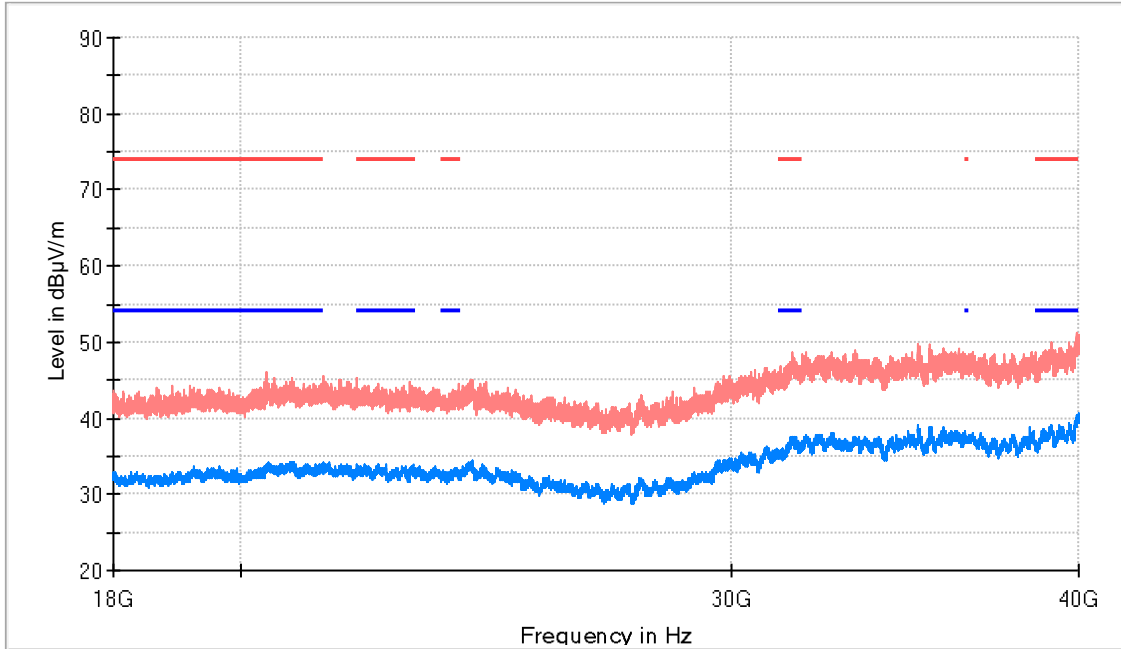


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5389.500000	62.1	50.1	H	3.9	54.0	
5788.500000	93.2	83.5	H	---	---	Fundamental
17900.500000	59.9	47.9	H	6.1	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5795.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

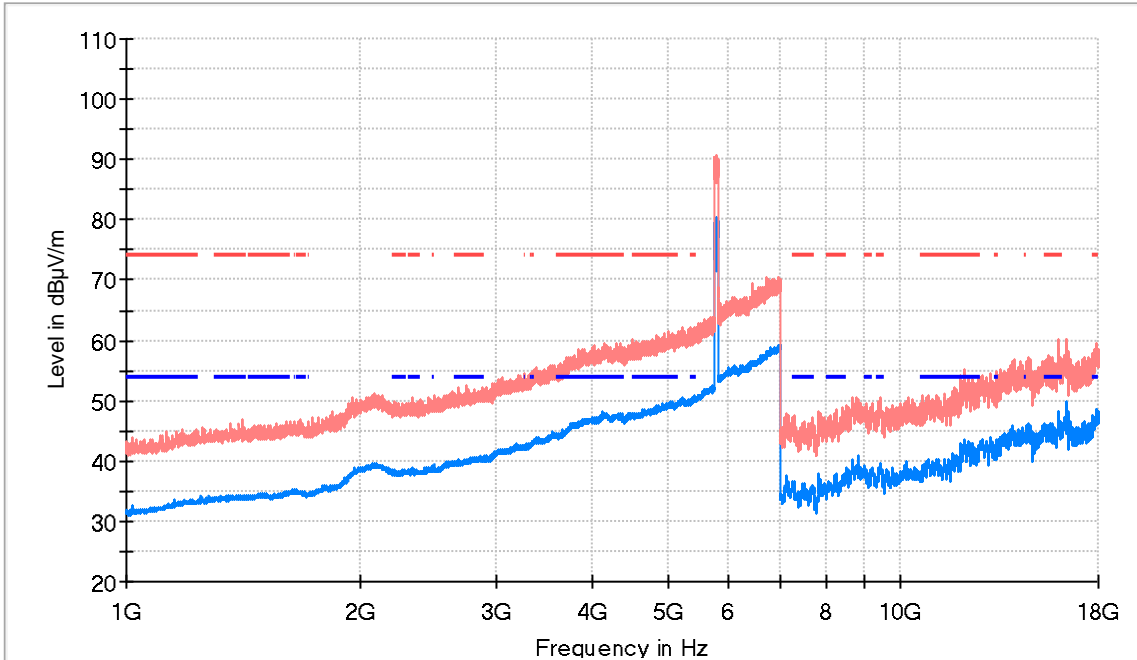


- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20840.062500	42.9	34.3	V	19.7	54.0
39977.312500	49.4	40.6	V	13.4	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5775.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

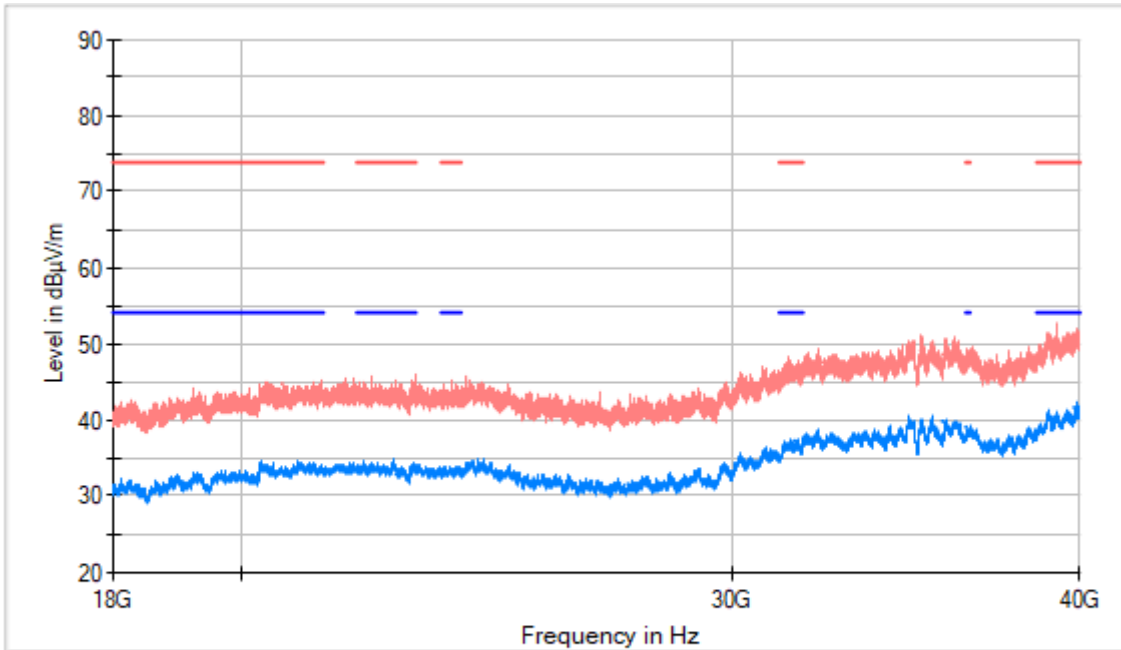


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5356.000000	62.2	49.8	V	4.2	54.0	
5778.500000	90.8	80.1	H	---	---	Fundamental
17904.000000	59.5	48.1	V	5.9	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5775.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
39929.187500	50.4	42.4	H	11.6	54.0

## Appendix C: TEST RESULTS Wi-Fi 5GHz; HW: 1.F (EU VARIANT)

## Appendix C

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TEST CASES DETAILS .....	740
<i>FCC 15.407 (b), 15.205 &amp; 15.209 / RSS-Gen 8.9 &amp; 8.10 Undesirable radiated emissions</i> .....	740

## TEST CASES DETAILS

### FCC 15.407 (b), 15.205 & 15.209 / RSS-Gen 8.9 & 8.10 Undesirable radiated emissions

#### Limits

For transmitters operating in the 5.725–5.85 GHz band:

All emissions shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

#### Verdict

Pass



**Frequency range 0.03 - 1 GHz**

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

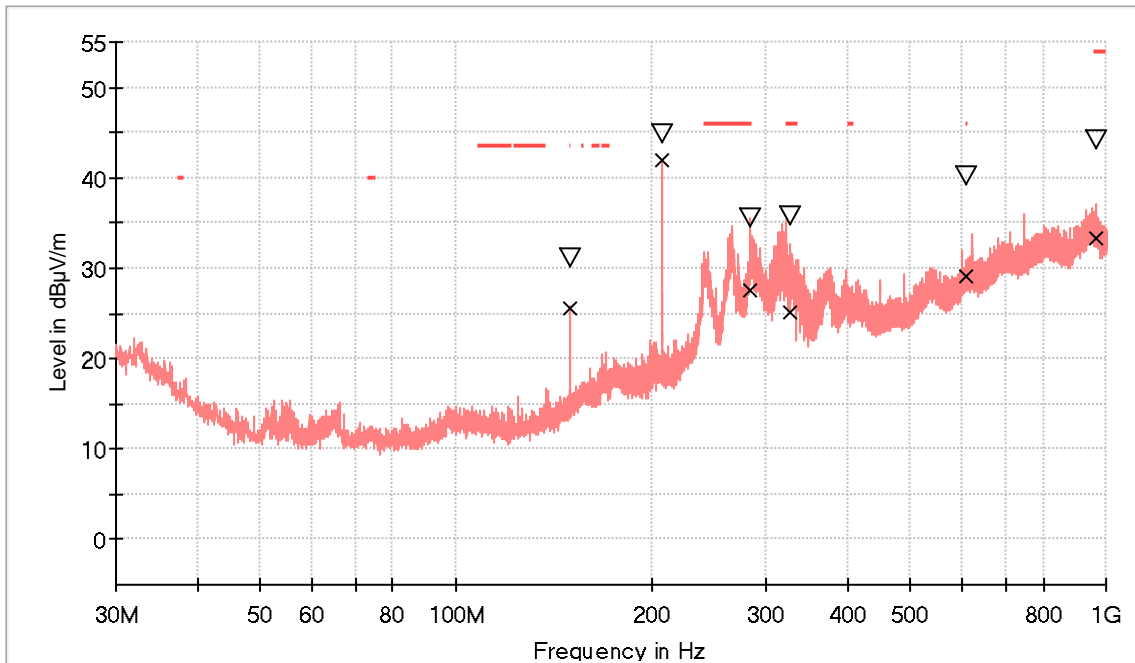
**Modulation: 802.11ac VHT20 (OFDM MCS8)**

**Results**

**Middle Channel**

Active Port = 1 Frequency Range GHz = [0.03, 1], Frequency MHz = 5200.00000, Modulation = 802.11ac VHT20 (OFDM MCS8), MODE = SISO, Measurement Point = 6

Images:



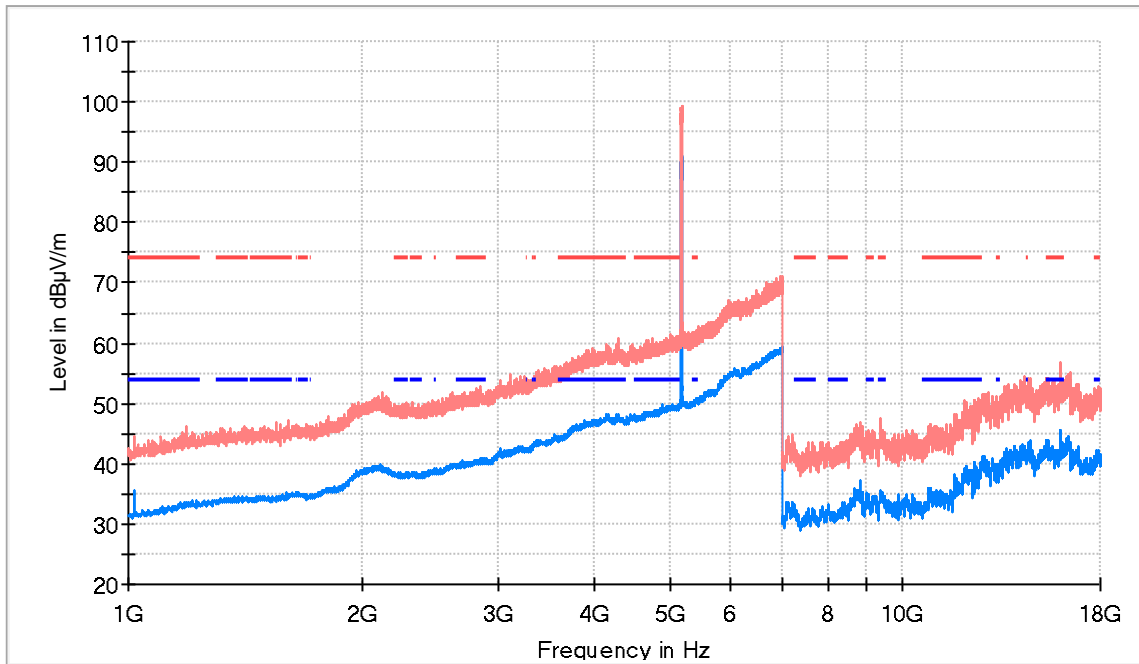
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBµV/m)
149.989000	31.1	25.5	H	18.1	43.5
207.413000	44.9	42.0	H	---	---
283.946000	35.5	27.6	H	18.4	46.0
326.674500	35.8	25.1	H	20.9	46.0
610.787500	40.2	29.1	V	16.9	46.0
964.692000	44.1	33.2	V	20.8	54.0

**UNII-1:**  
**Frequency range 1 - 18 GHz**

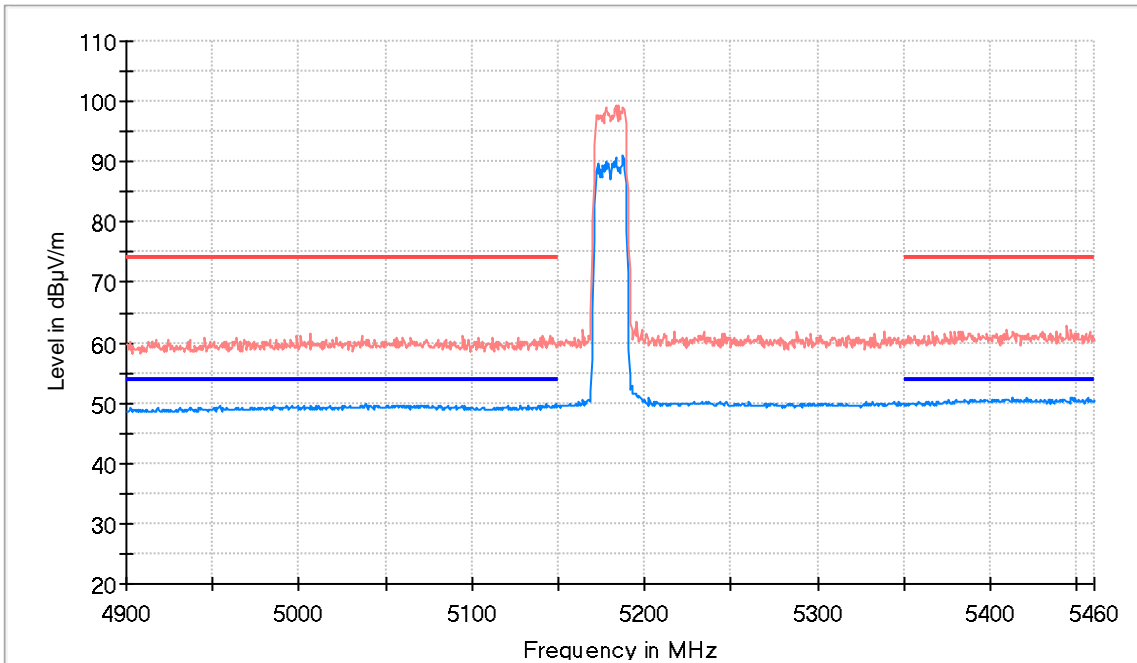
**Frequency Range GHz = [1, 18], Frequency MHz = 5180.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1**

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

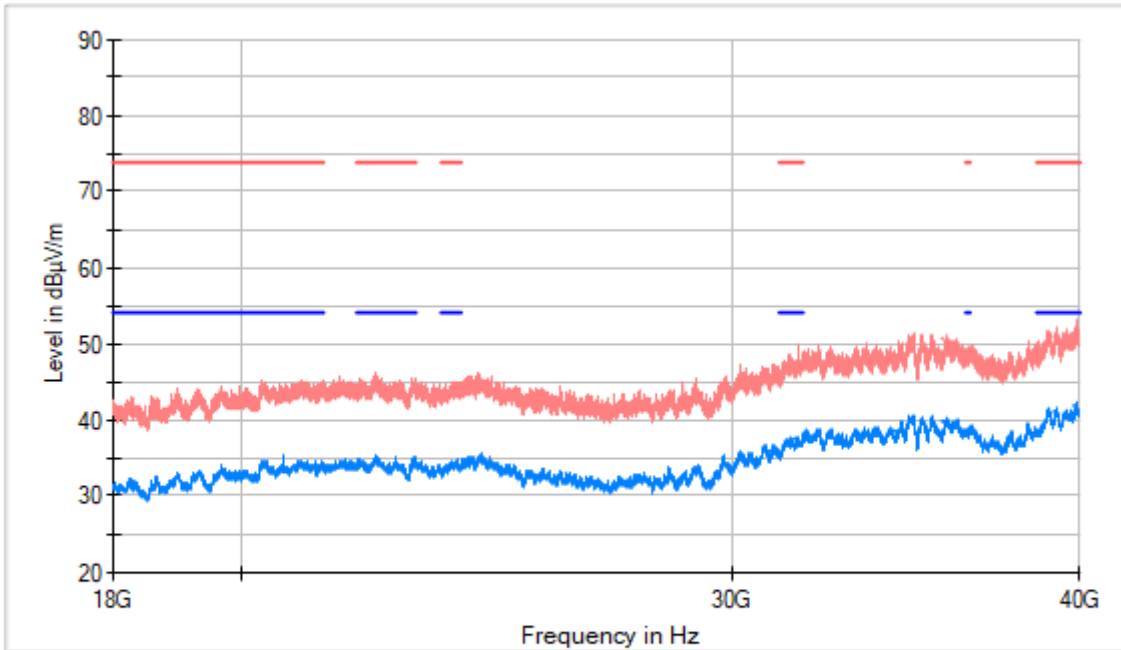
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5183.000000	99.5	90.7	H	---	---	Fundamental
5444.000000	62.7	50.2	H	3.8	54.0	
16001.500000	56.7	45.1	H	8.9	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5180.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

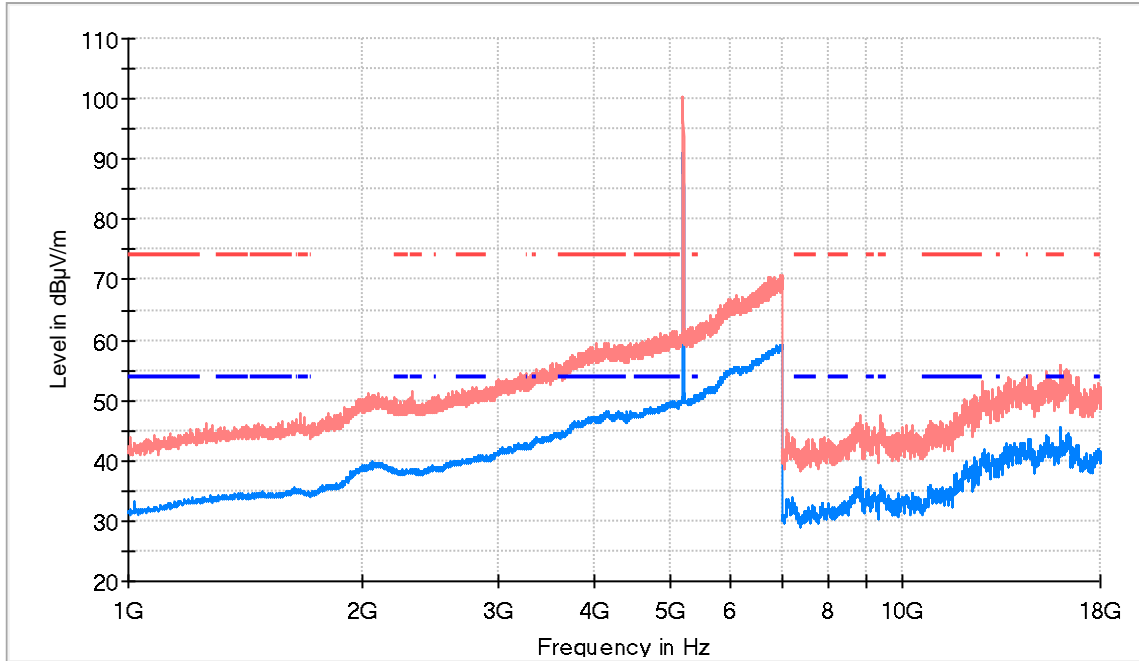


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
31719.062500	49.9	36.8	V	17.2	54.0
39892.062500	51.1	42.5	H	11.5	54.0

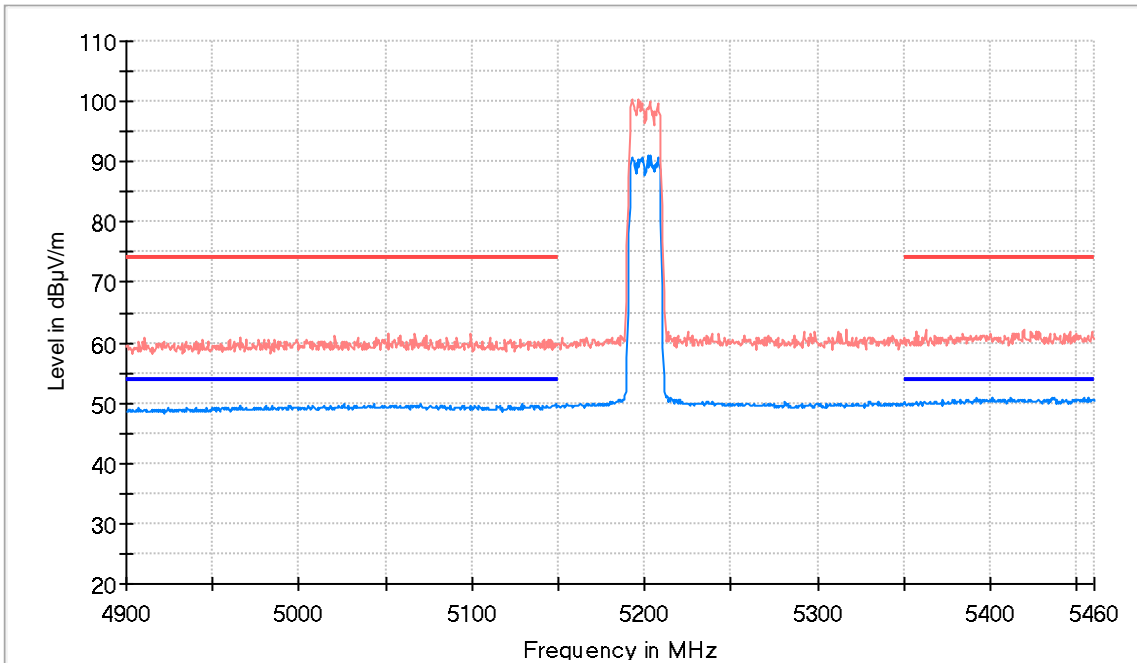
Frequency Range GHz = [1, 18], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

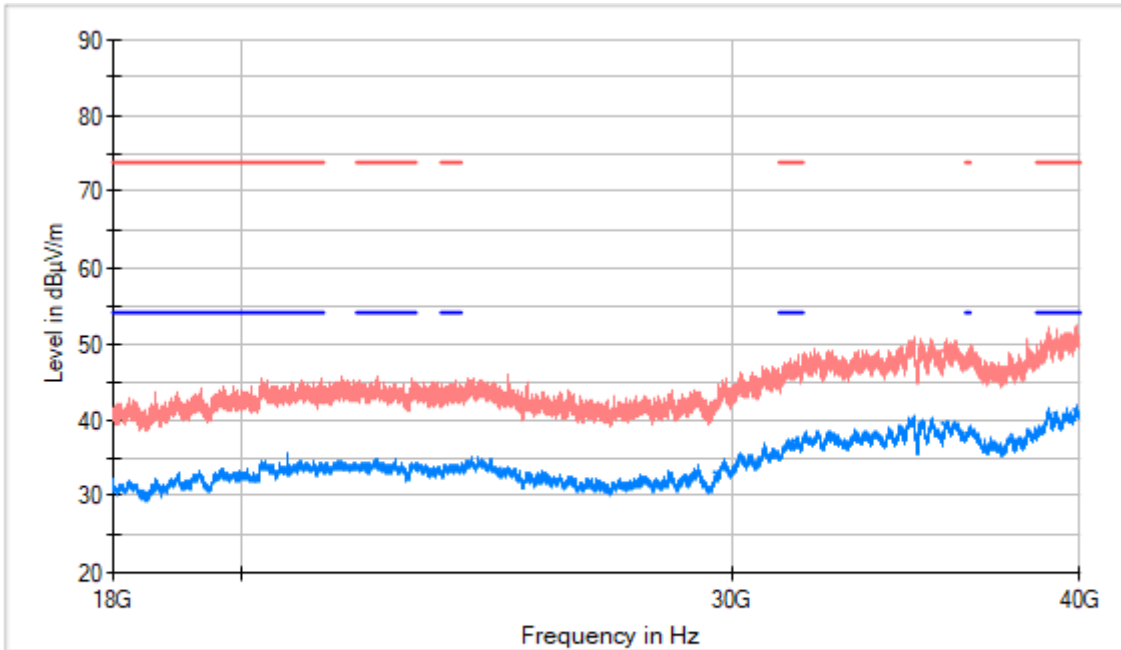
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5196.000000	100.4	90.5	H	---	---	Fundamental
5362.500000	62.0	49.9	V	4.1	54.0	
16001.000000	56.0	44.9	V	9.1	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

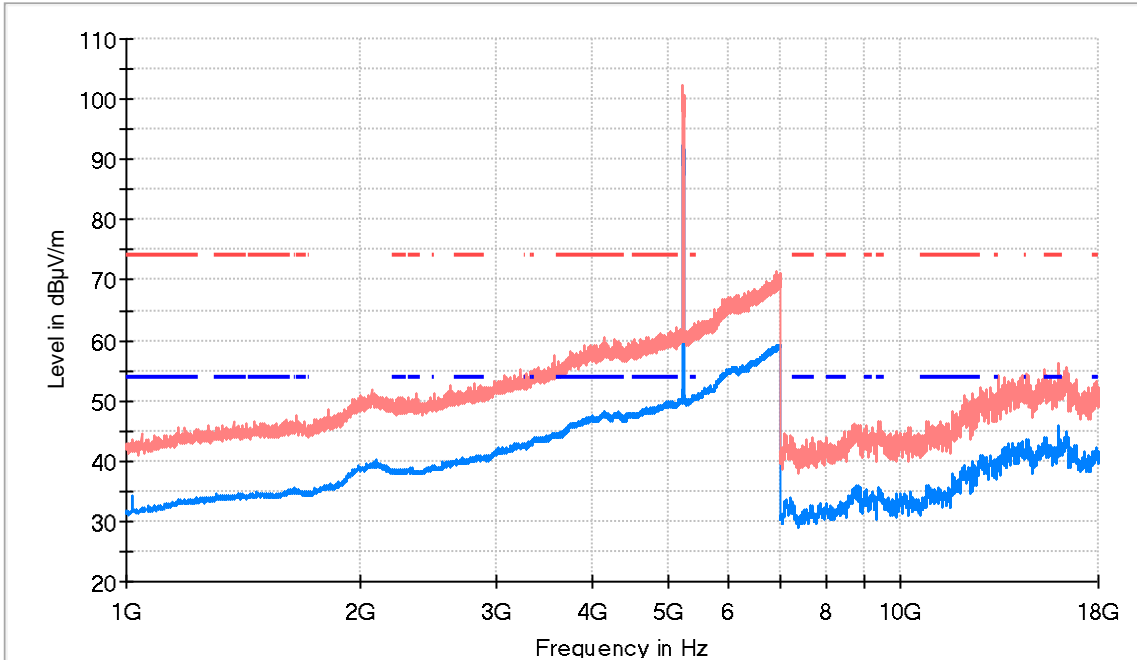


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20799.500000	43.6	35.7	H	18.3	54.0
39916.812500	51.0	42.1	V	11.9	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5240.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

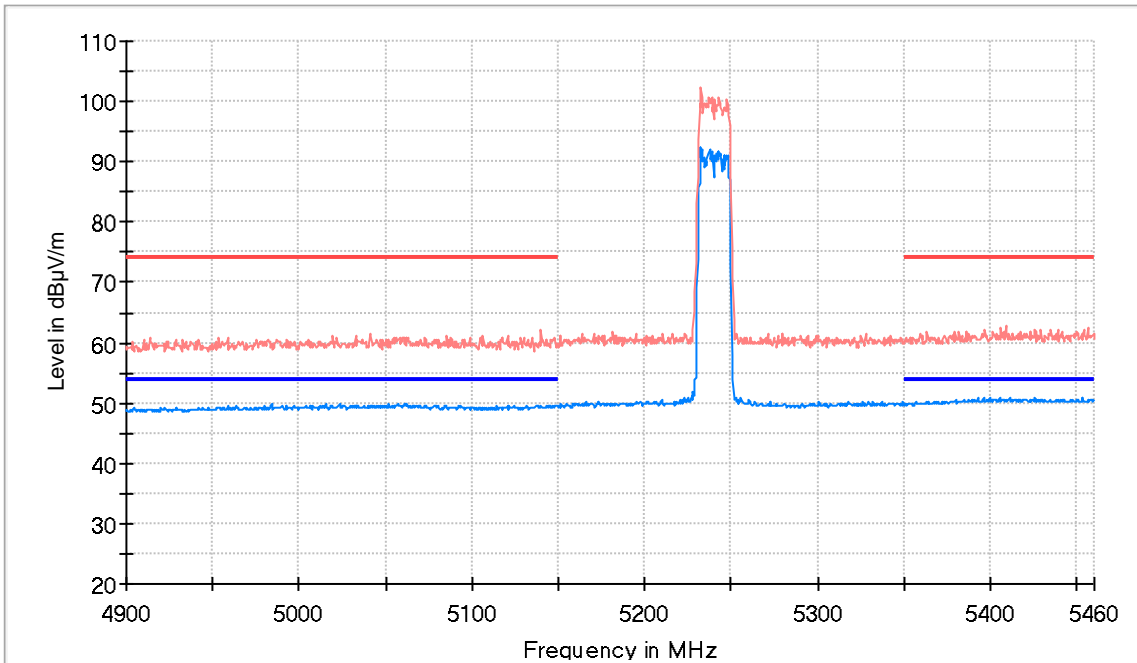
Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5232.500000	102.3	90.8	H	---	---	Fundamental
5409.000000	62.8	50.4	H	3.6	54.0	
16010.000000	56.3	44.6	H	9.4	54.0	

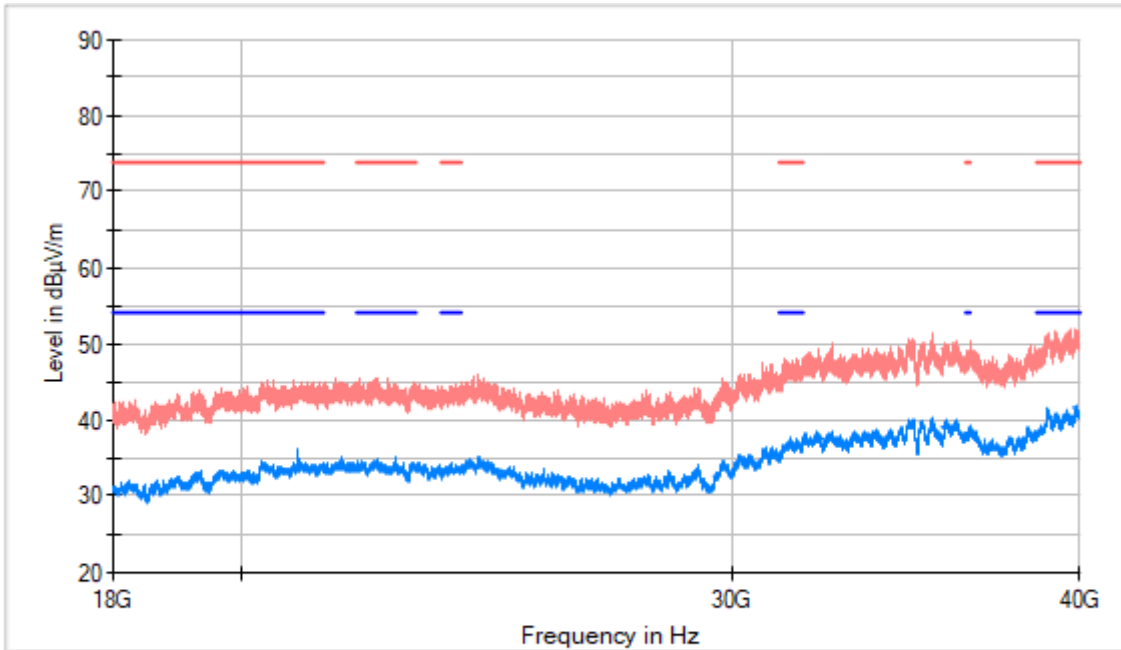




- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5240.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20959.687500	43.1	36.2	V	17.8	54.0
39893.437500	51.0	42.1	V	11.9	54.0

**Modulation: 802.11ac VHT40 (OFDM MCS9)  
 Results**

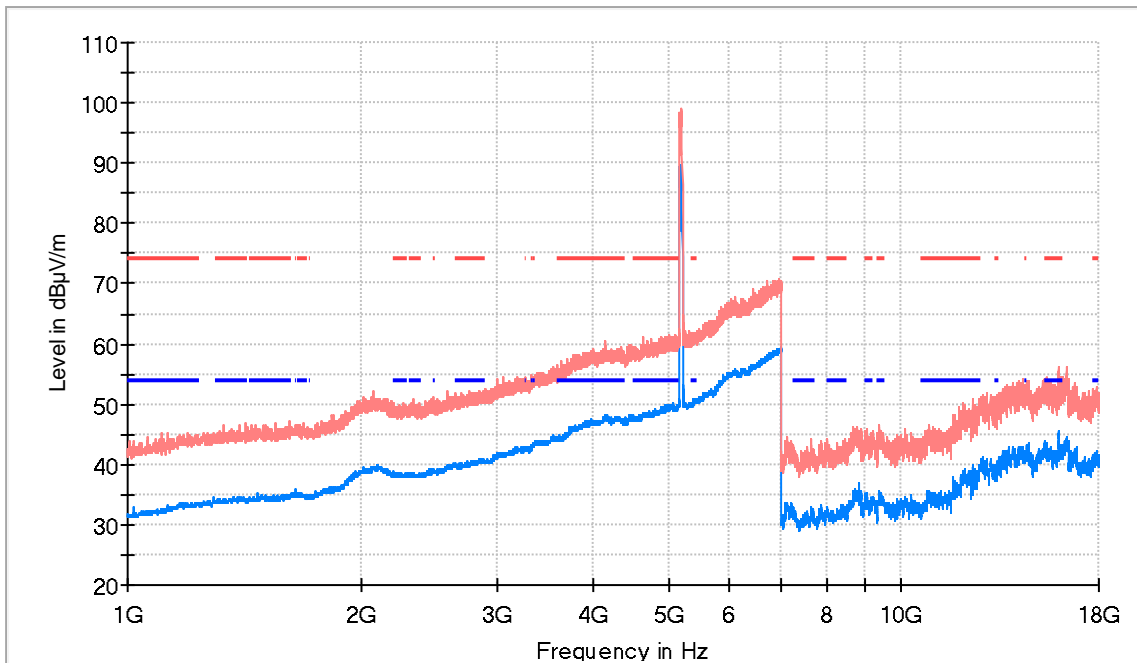
**Verdict**

Pass

**Attachments**

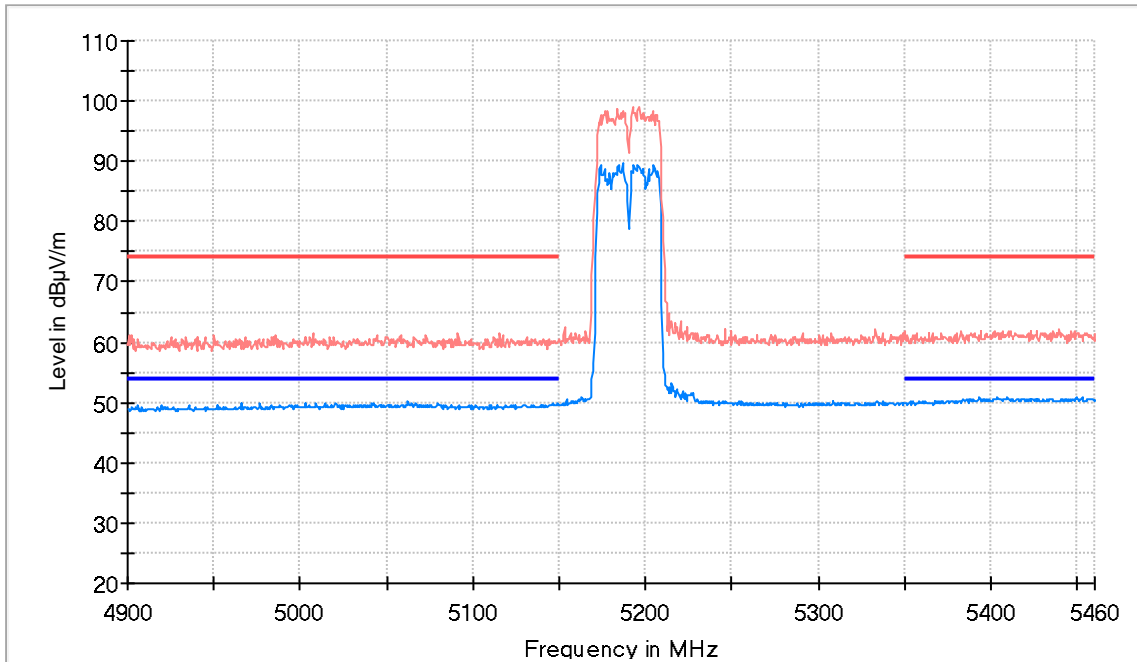
Frequency Range GHz = [1, 18], Frequency MHz = 5190.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

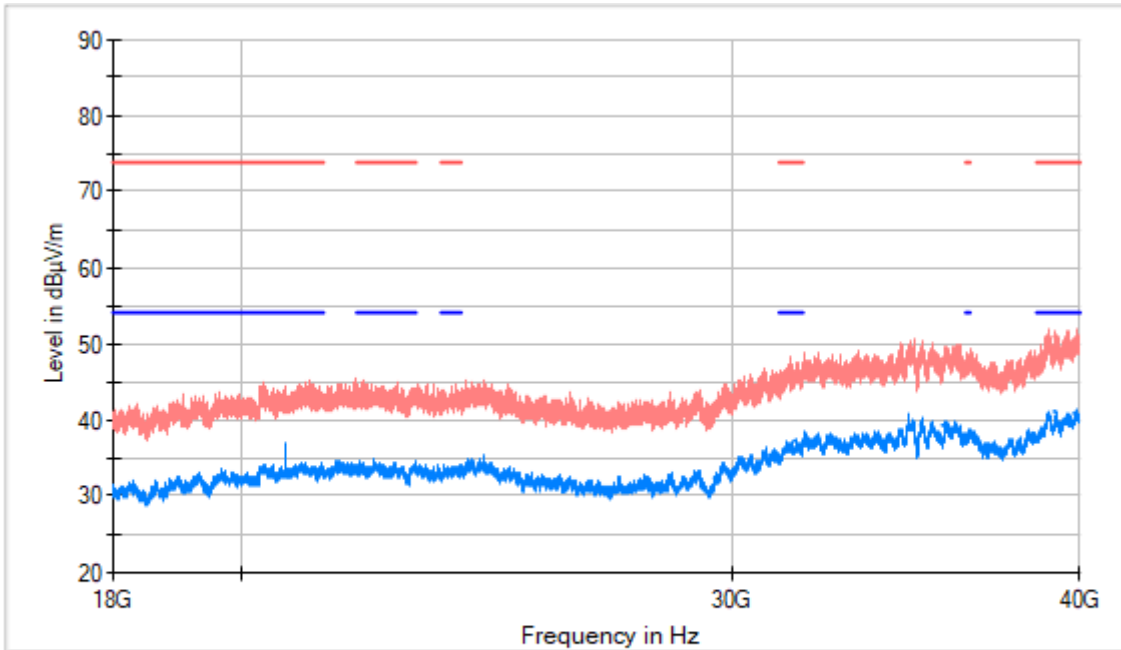
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5196.000000	99.0	89.1	H	---	---	Fundamental
5394.000000	62.0	50.5	H	3.5	54.0	
16004.500000	56.1	45.6	V	8.4	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5190.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

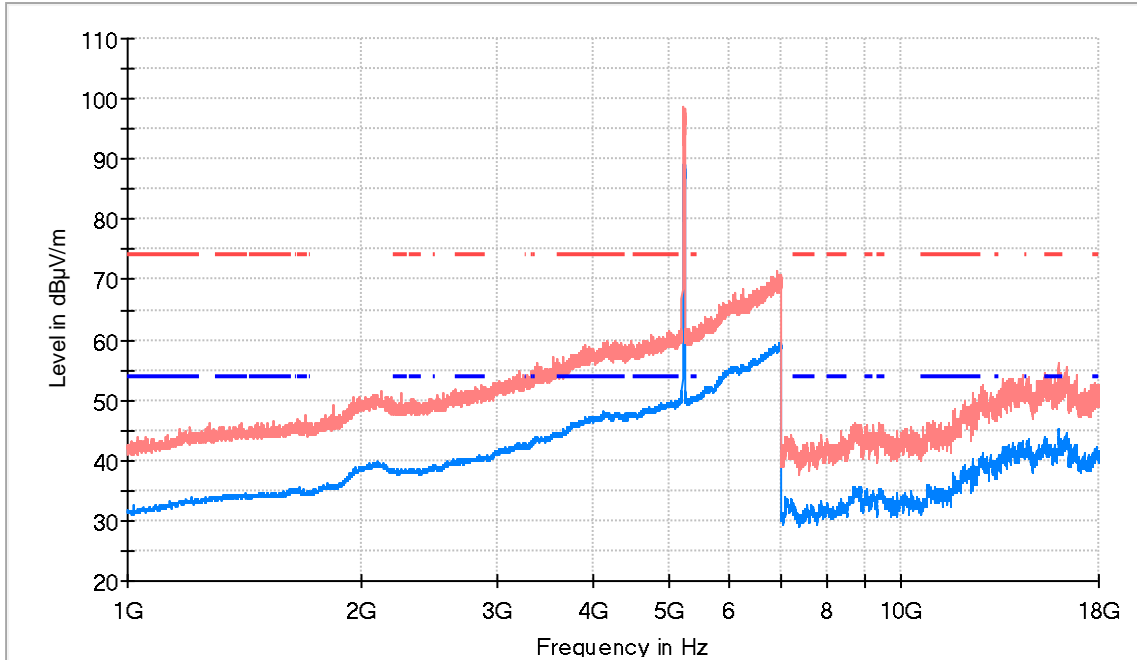


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20759.625000	44.1	37.1	V	16.9	54.0
39884.500000	50.9	41.5	H	12.5	54.0

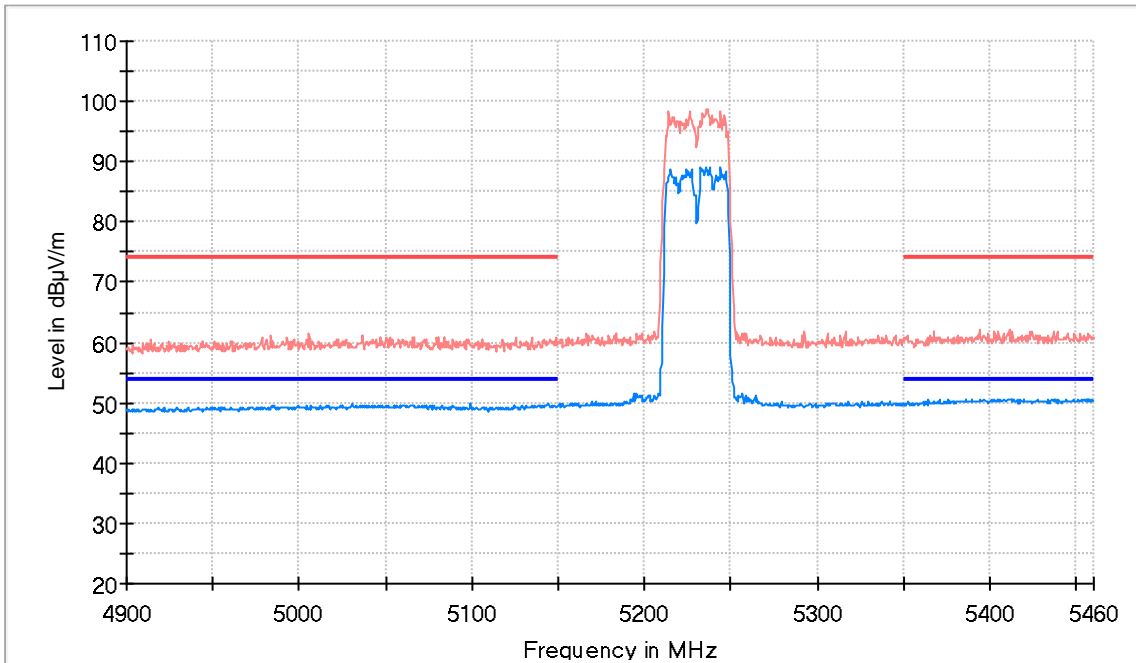
Frequency Range GHz = [1, 18], Frequency MHz = 5230.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

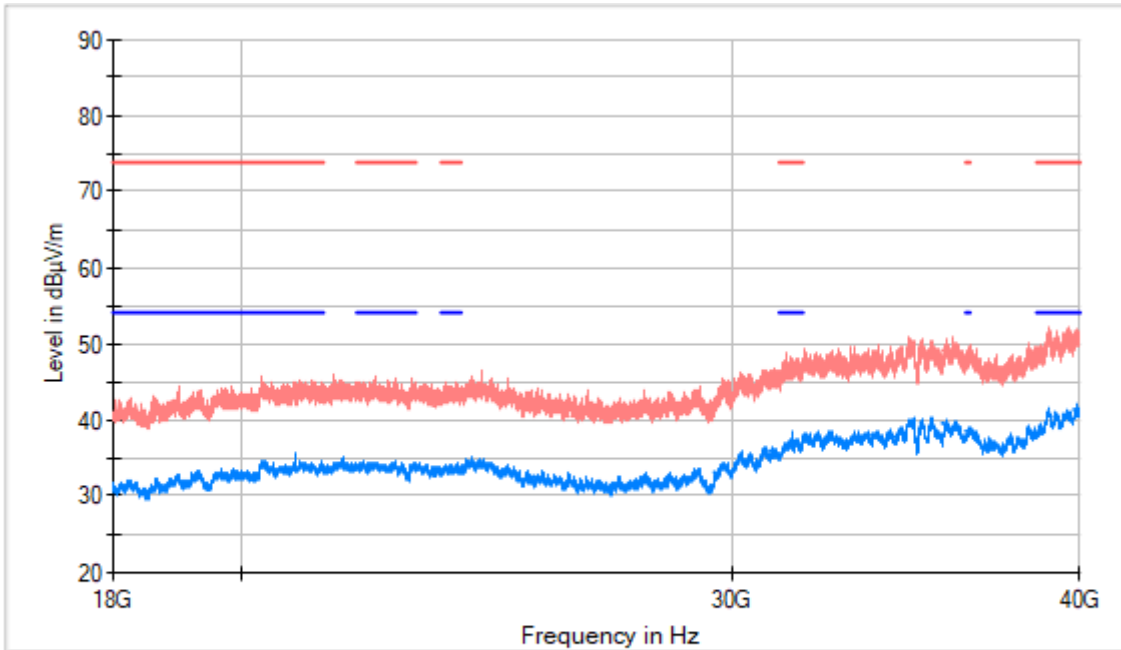
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5236.000000	98.9	88.9	H	---	---	Fundamental
5367.500000	61.9	49.7	V	4.3	54.0	
15995.000000	56.3	44.7	H	9.3	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5230.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20919.812500	44.1	35.7	V	18.3	54.0
39931.250000	51.1	42.3	V	11.7	54.0



**Modulation: 802.11ac VHT80 SS1 (OFDM MCS9)**

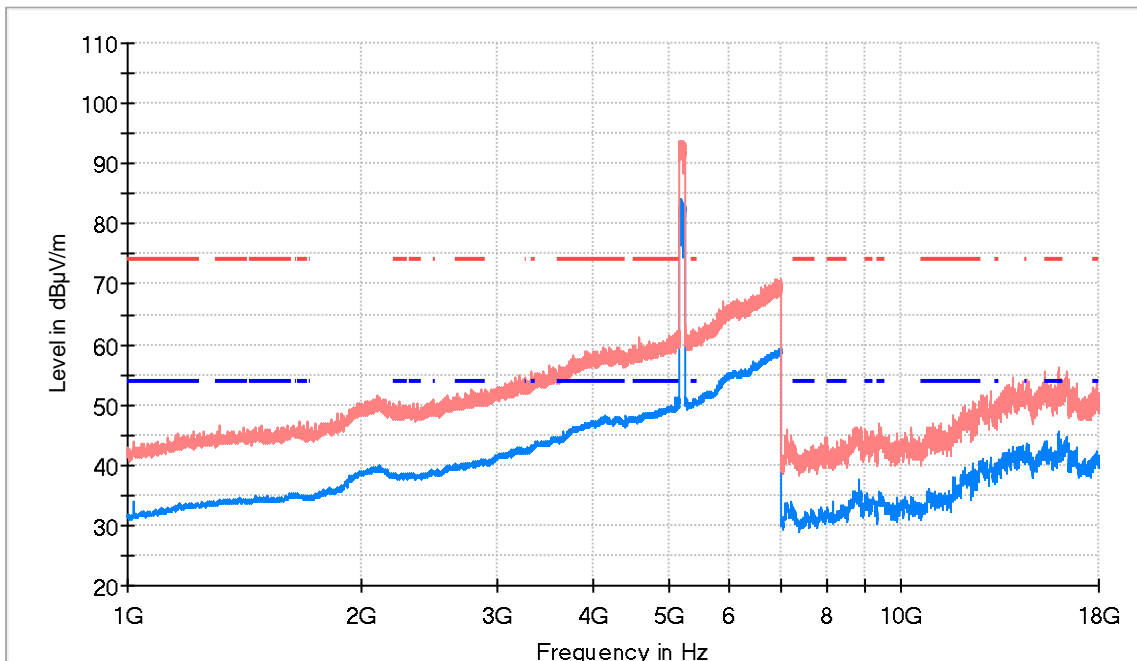
**Results**

**Frequency range 1 - 18 GHz**

**Lowest Channel**

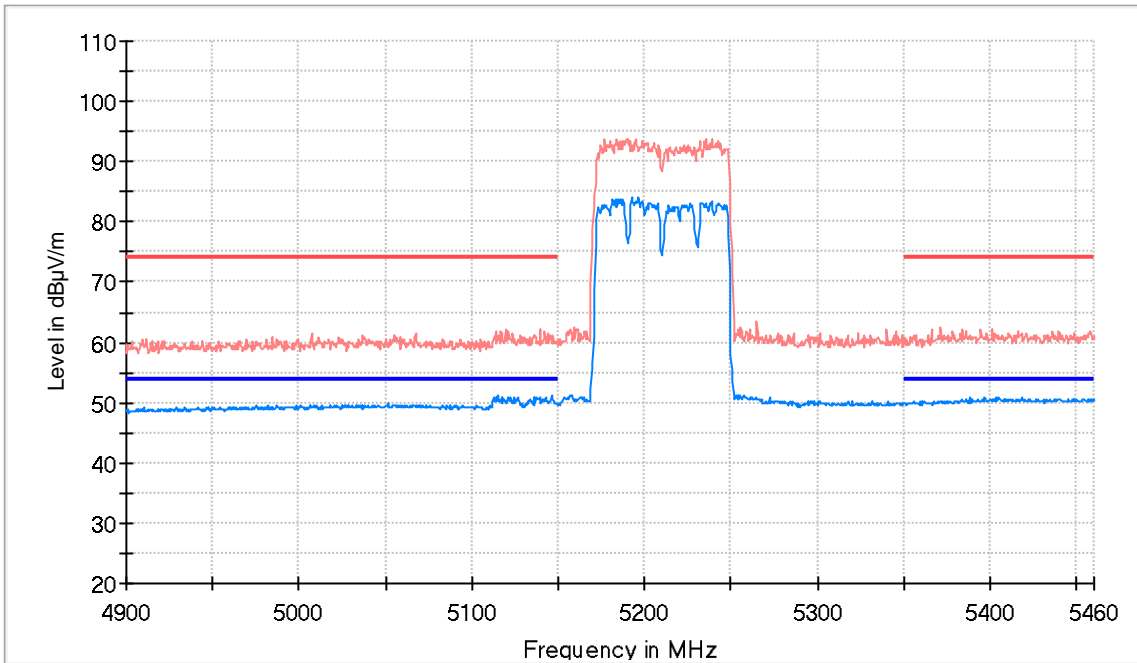
**Active Port = 1 Frequency Range GHz = [1, 18], Frequency MHz = 5210.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3**

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5235.500000	93.9	82.9	H	---	---	Fundamental
5394.500000	62.0	50.3	V	3.7	54.0	
15997.000000	56.2	44.4	H	9.6	54.0	



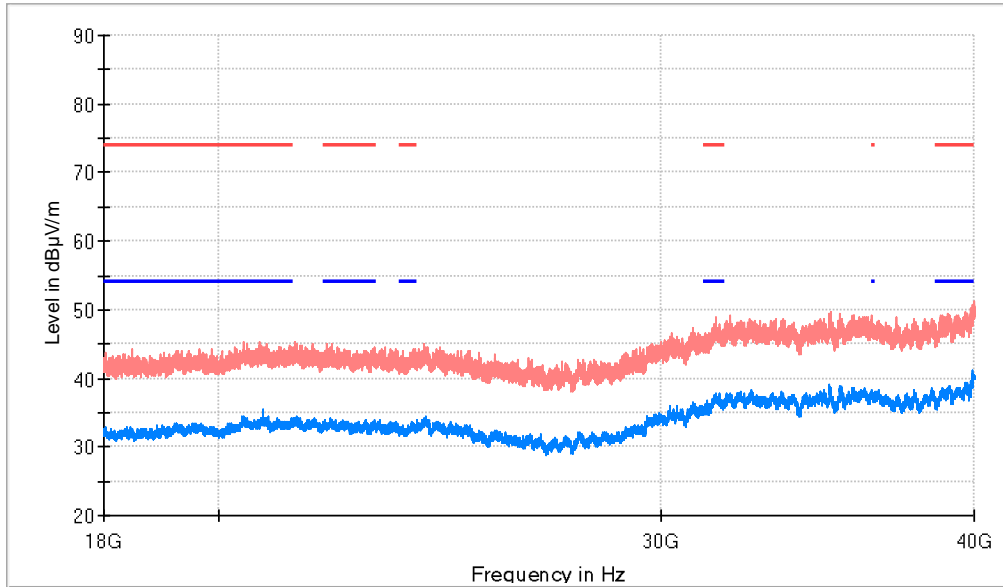
- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

**Frequency range 18 - 40 GHz**

**Single Channel**

**Active Port = 1** Frequency Range GHz = [18, 40], Frequency MHz = 5210.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20840.063000	44.1	35.3	V	18.7	54.0

## Appendix D: TEST RESULTS Wi-Fi 5GHz; HW: 1.G (ROW VARIANT)

## Appendix D

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TEST CASES DETAILS .....	762
<i>FCC 15.407 (b), 15.205 &amp; 15.209 / RSS-Gen 8.9 &amp; 8.10 Undesirable radiated emissions</i> .....	762

## TEST CASES DETAILS

### FCC 15.407 (b), 15.205 & 15.209 / RSS-Gen 8.9 & 8.10 Undesirable radiated emissions

#### Limits

For transmitters operating in the 5.725–5.85 GHz band:

All emissions shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

#### Verdict

Pass

**Frequency range 0.03 - 1 GHz**

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

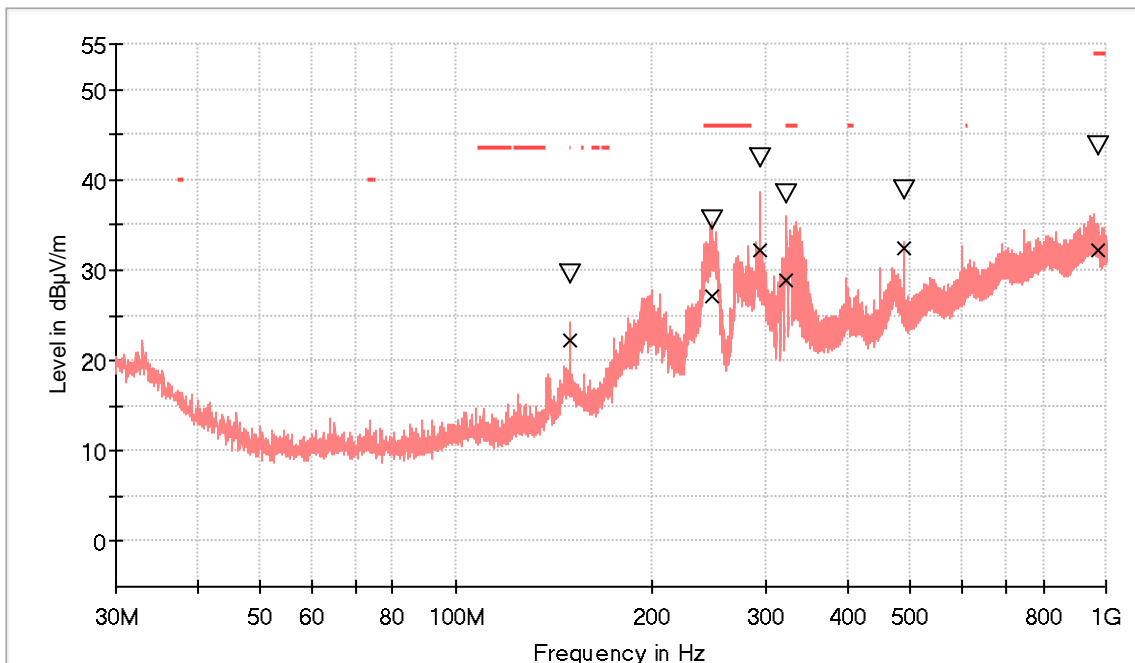
**Modulation: 802. 11ac VHT20 (OFDM MCS8)**

**Results**

**Middle Channel**

Active Port = 1 Frequency Range GHz = [0.03, 1], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), MODE = SISO, Measurement Point = 6

**Images:**



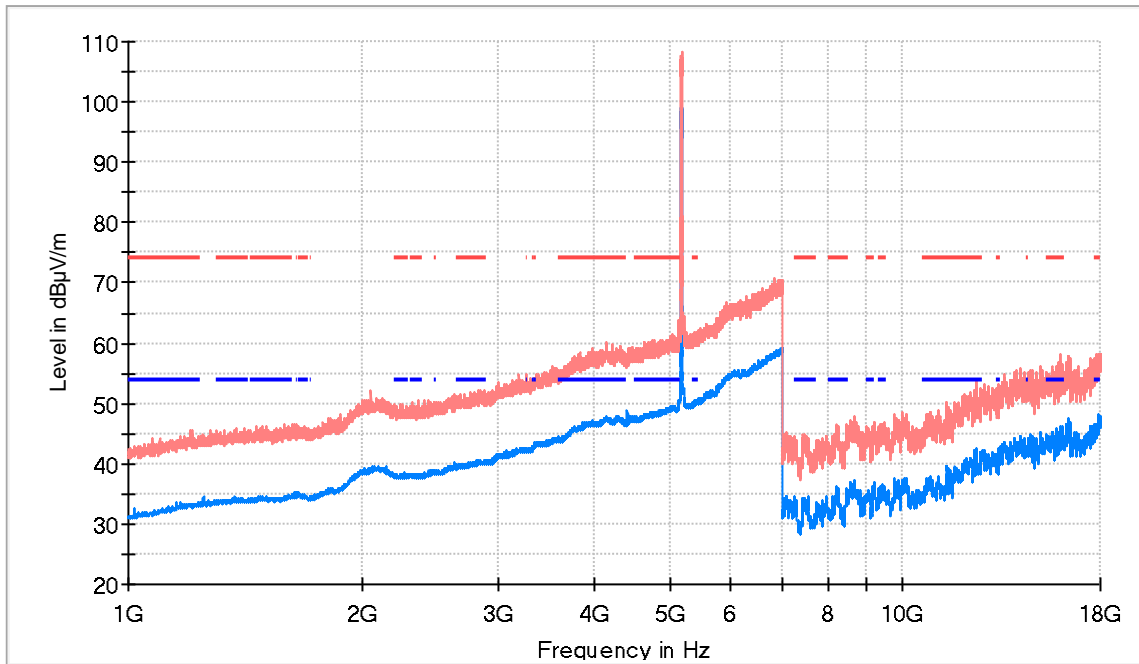
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
- ▽ MaxPeak-PK+ (Single)
- × QuasiPeak-QPK (Single)

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBµV/m)
149.989000	29.5	22.3	H	21.2	43.5
246.940500	35.5	27.1	V	18.9	46.0
294.082500	42.4	32.3	V	---	---
322.503500	38.4	28.9	H	17.1	46.0
489.925500	38.8	32.4	H	---	---
969.687500	43.7	32.2	H	21.8	54.0

**UNII-1:**  
**Frequency range 1 - 18 GHz**

Frequency Range GHz = [1, 18], Frequency MHz = 5180.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

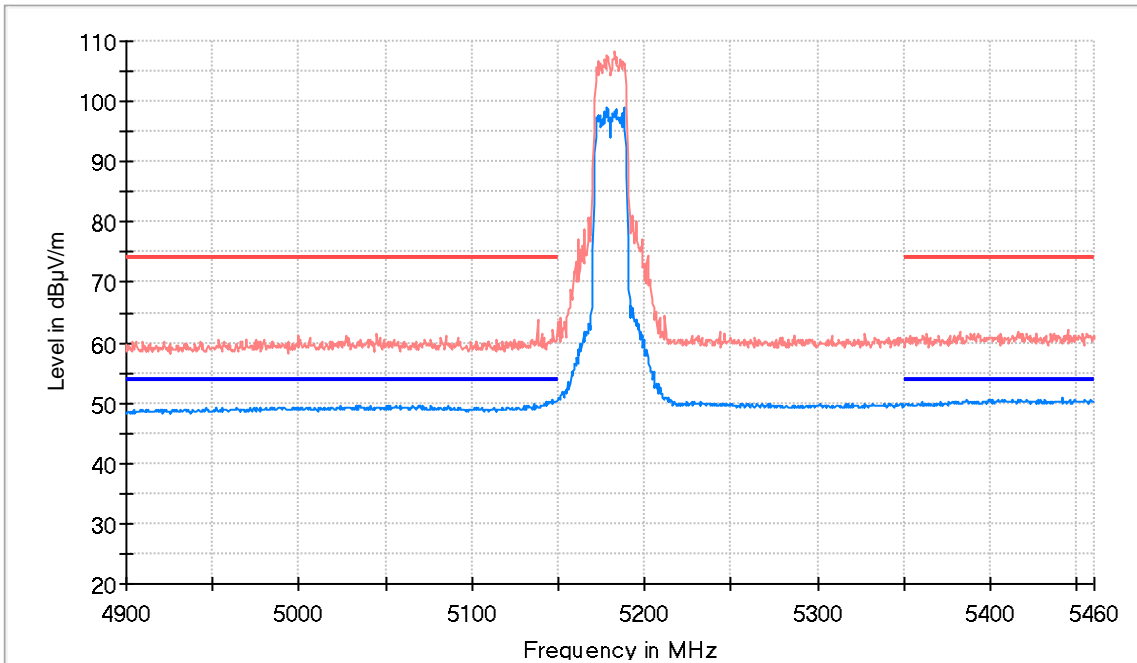
Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5182.500000	108.3	98.3	H	---	---	Fundamental
5360.000000	60.4	50.3	V	3.7	54.0	
17921.500000	57.1	48.3	H	5.7	54.0	

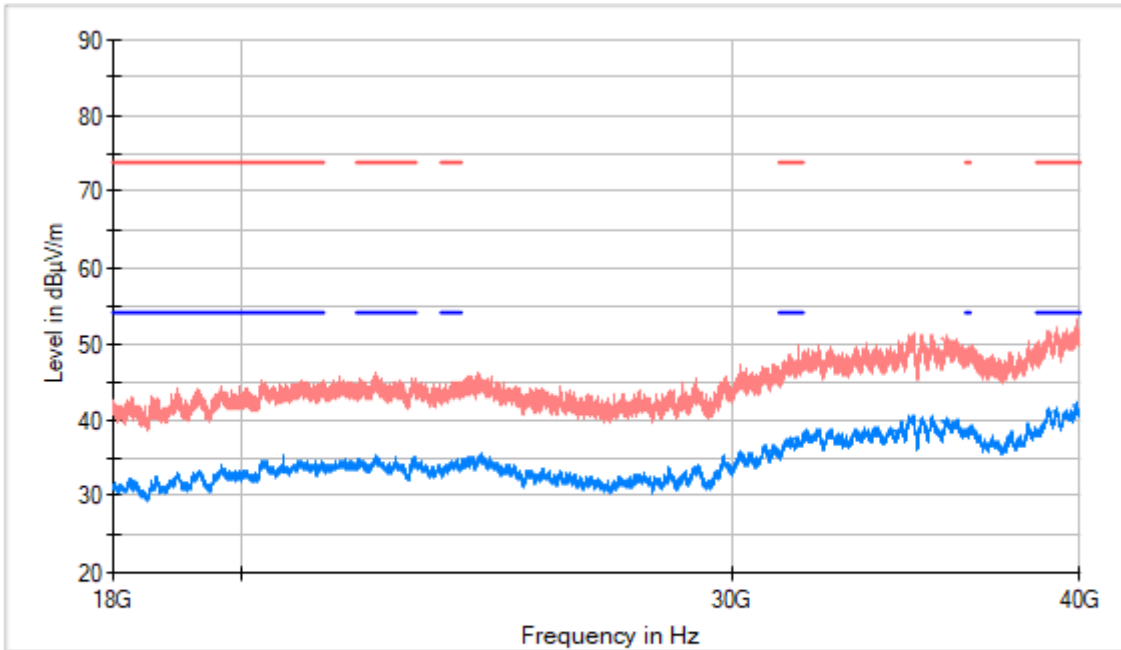




- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5180.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

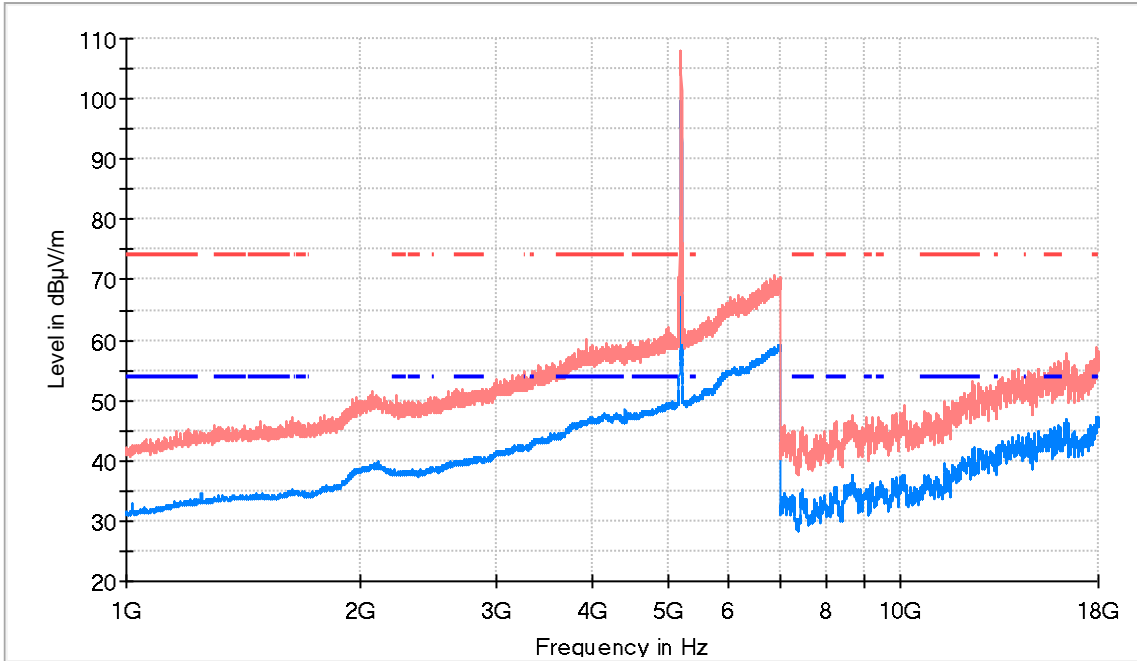


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
31719.062500	49.9	36.8	V	17.2	54.0
39892.062500	51.1	42.5	H	11.5	54.0

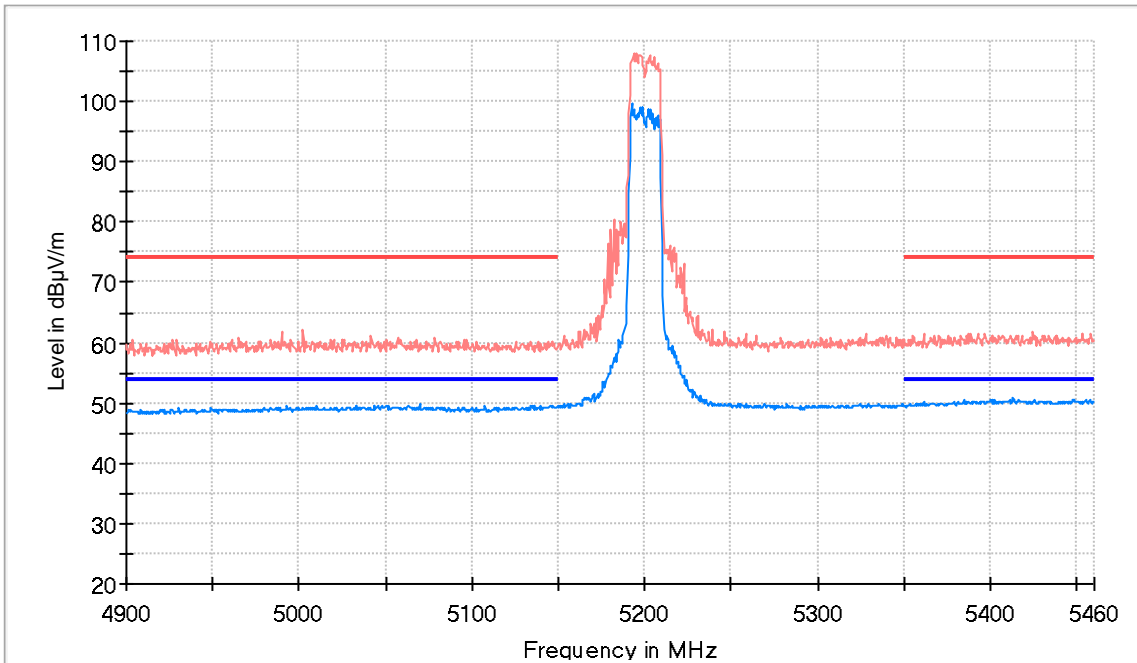
Frequency Range GHz = [1, 18], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

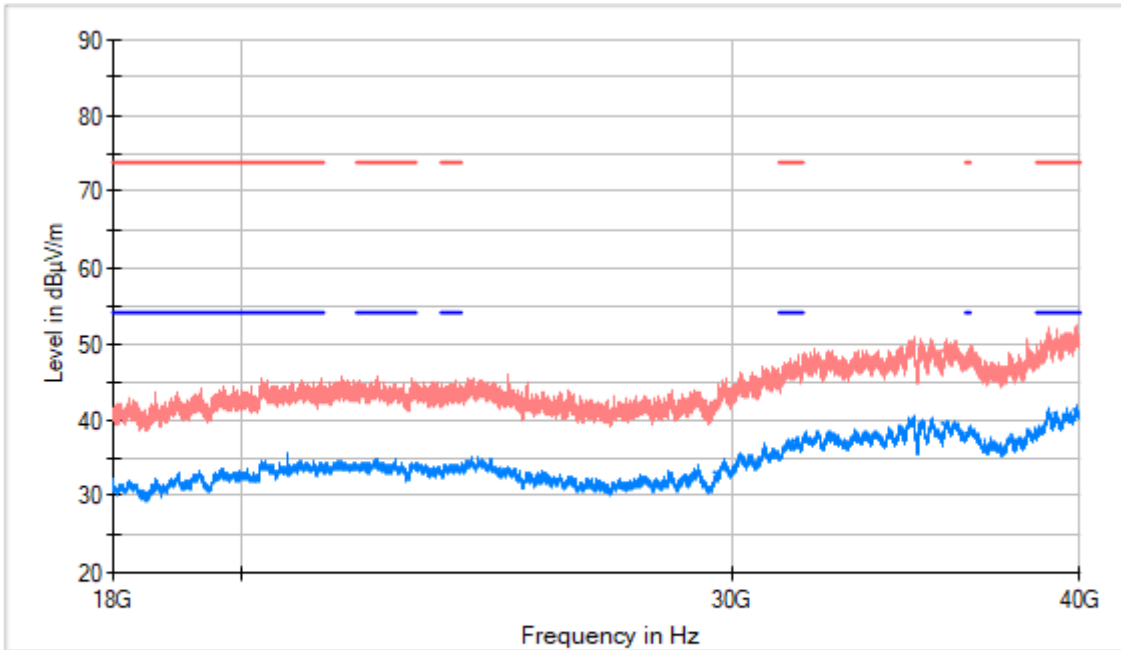
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5193.500000	108.0	98.7	H	---	---	Fundamental
5413.000000	60.3	50.8	H	3.2	54.0	
17915.500000	59.0	46.8	H	7.2	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5200.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

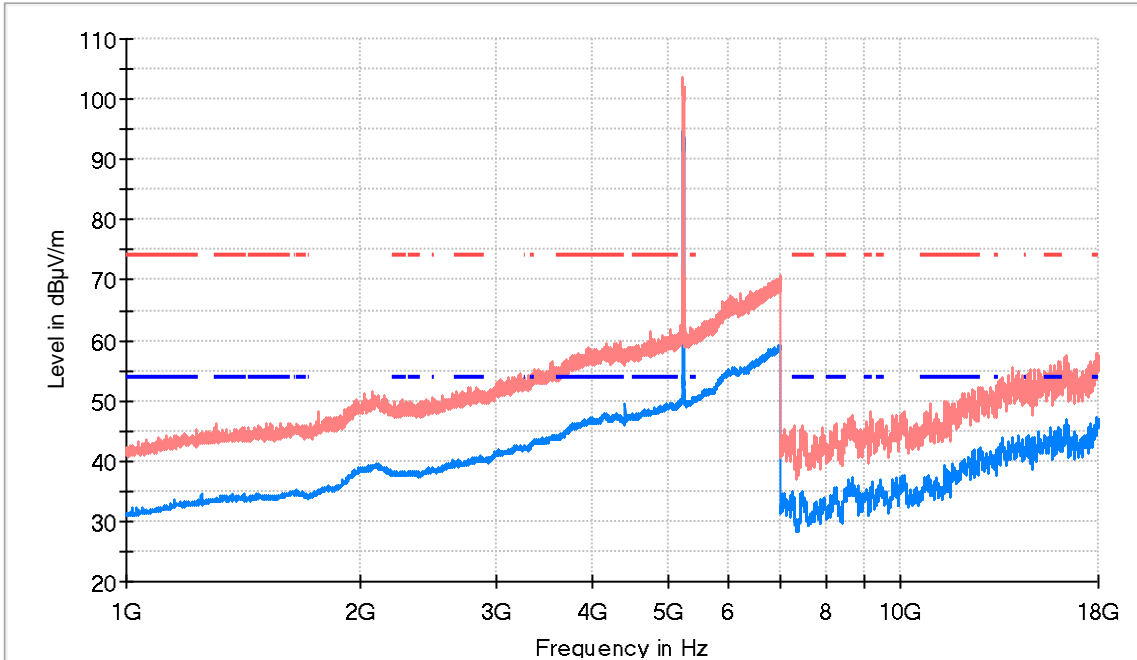


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20799.500000	43.6	35.7	H	18.3	54.0
39916.812500	51.0	42.1	V	11.9	54.0

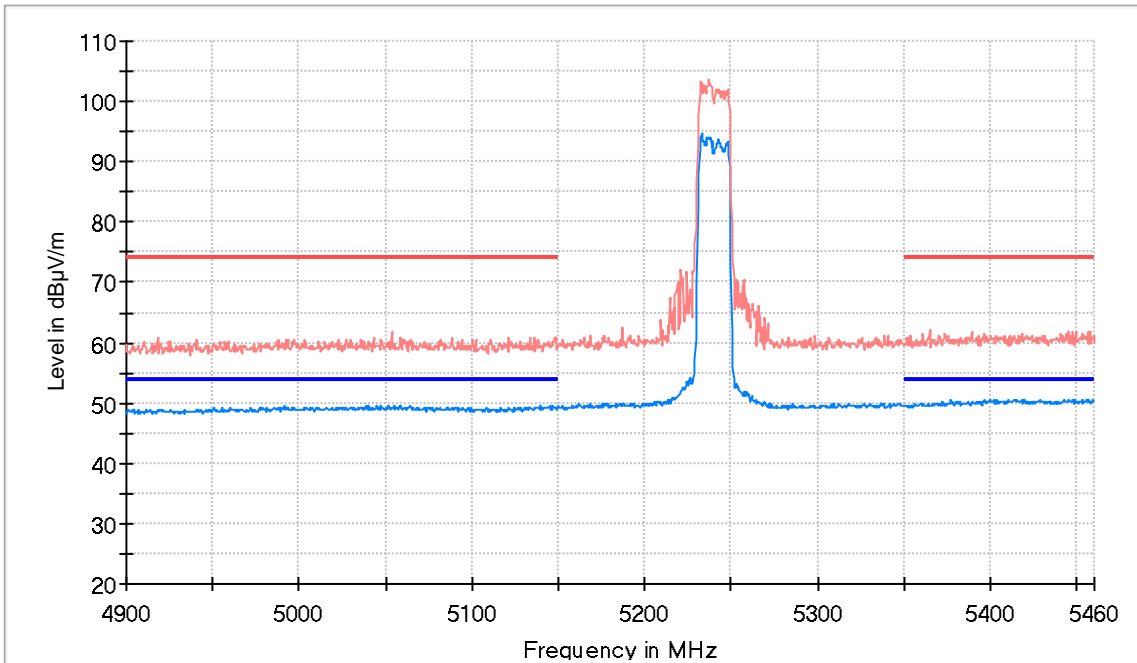
Frequency Range GHz = [1, 18], Frequency MHz = 5240.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

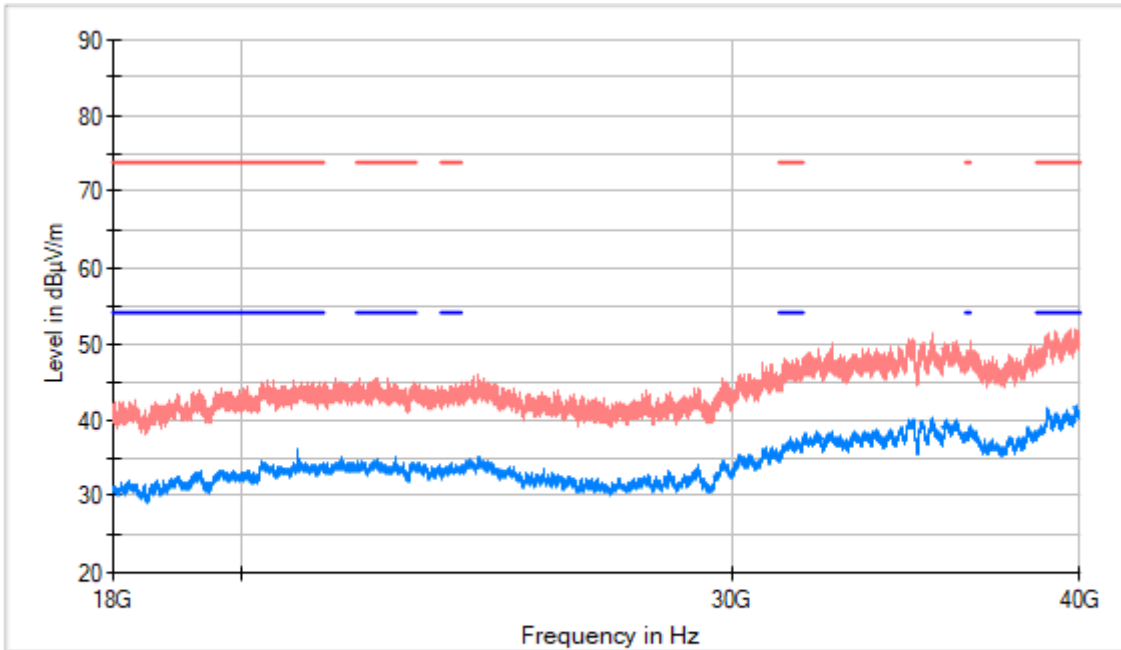
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5237.000000	103.5	94.0	H	---	---	Fundamental
5377.000000	60.0	50.5	H	3.5	54.0	
17899.000000	57.2	45.6	H	8.4	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5240.00000, Modulation = 802. 11ac VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20959.687500	43.1	36.2	V	17.8	54.0
39893.437500	51.0	42.1	V	11.9	54.0



**Modulation: 802.11ac VHT40 (OFDM MCS9)  
 Results**

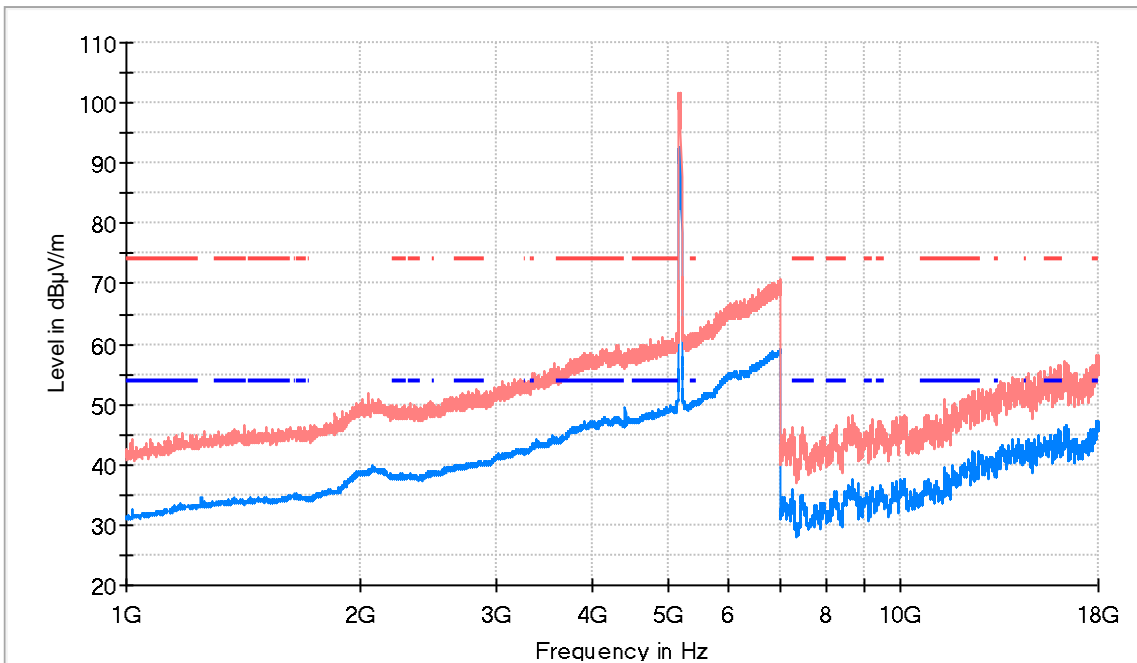
**Verdict**

Pass

**Attachments**

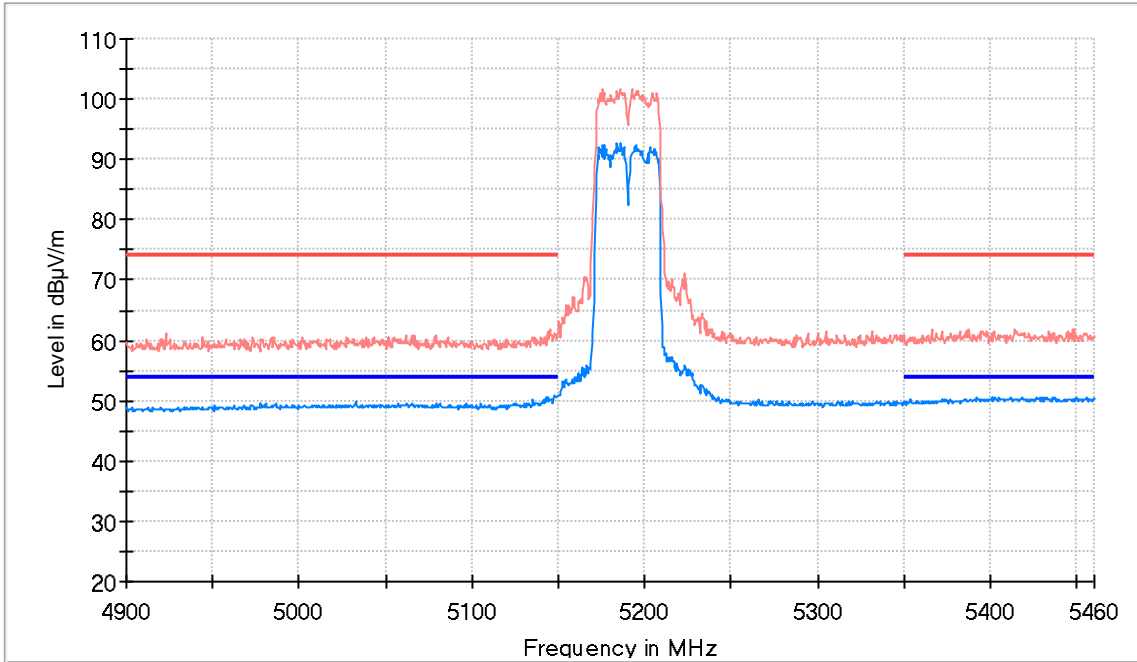
Frequency Range GHz = [1, 18], Frequency MHz = 5190.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

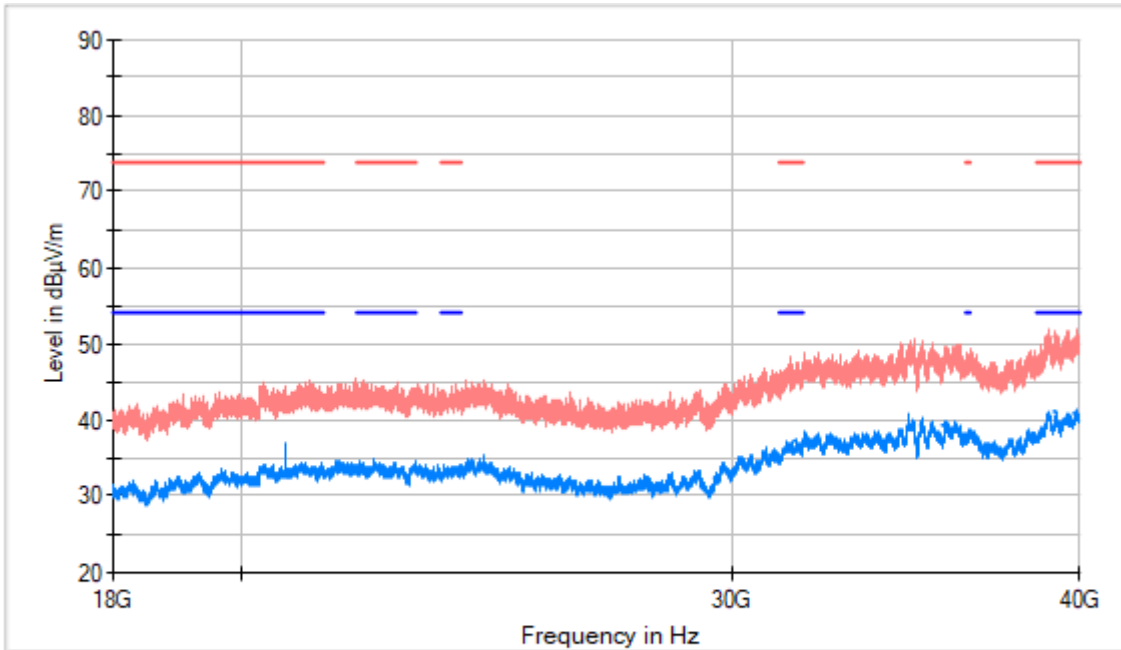
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5185.500000	101.8	91.2	H	---	---	Fundamental
5366.000000	61.8	49.7	H	4.3	54.0	
17928.500000	58.3	46.8	V	7.2	54.0	



- AVG\_MAXH
- PK+ MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5190.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:

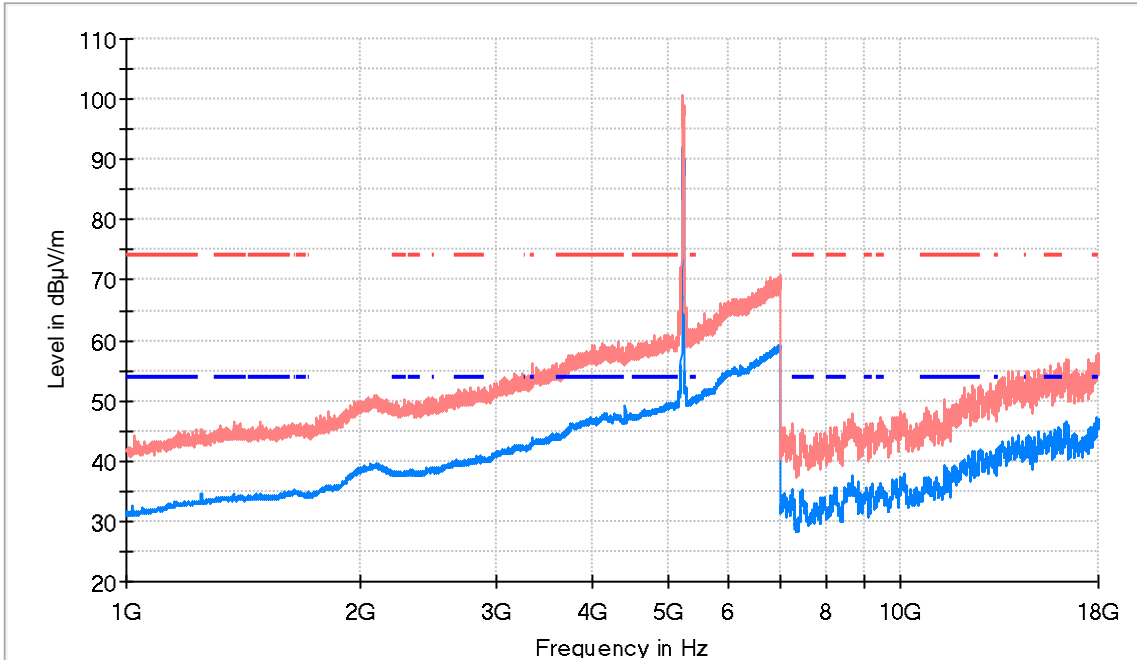


- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	PoI	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20759.625000	44.1	37.1	V	16.9	54.0
39884.500000	50.9	41.5	H	12.5	54.0

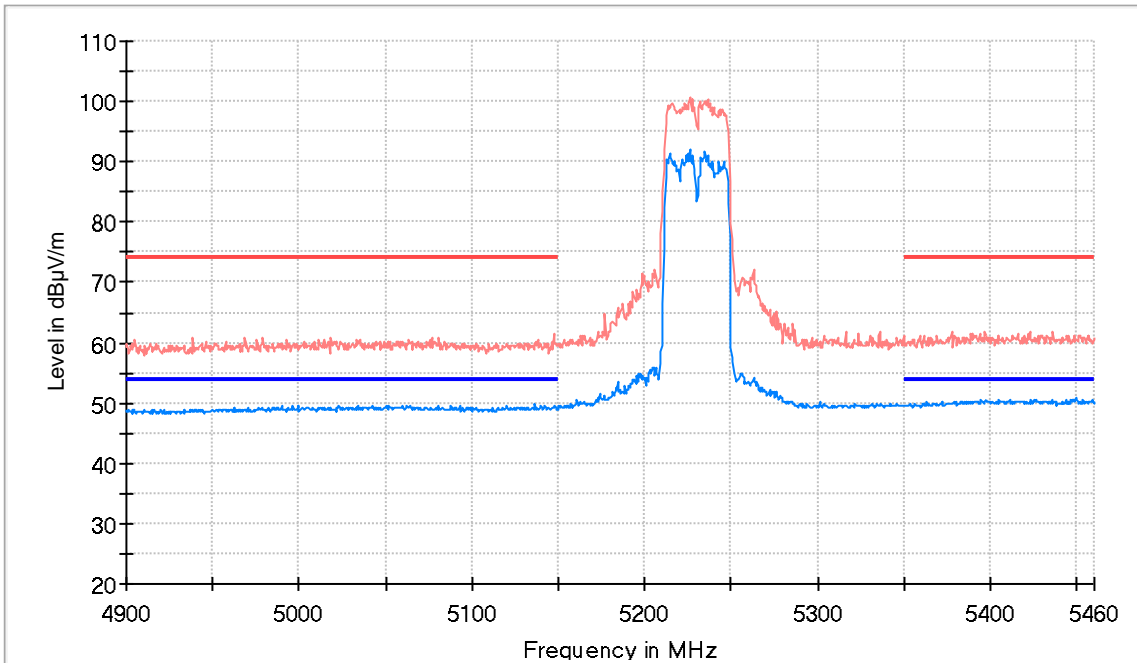
Frequency Range GHz = [1, 18], Frequency MHz = 5230.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

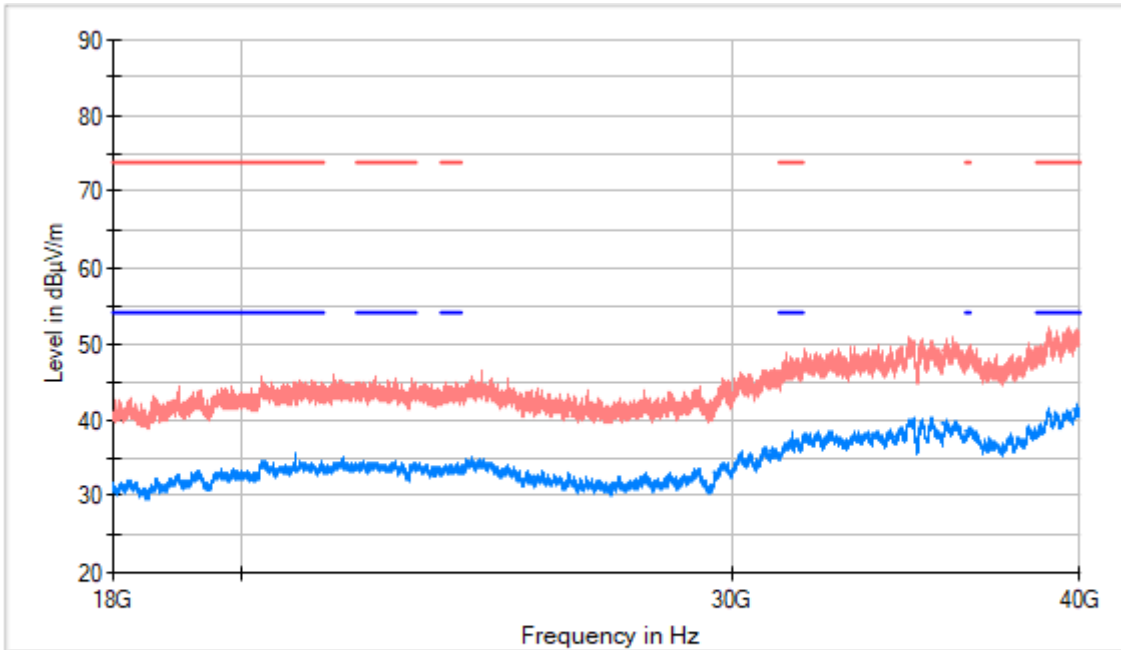
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5226.000000	100.7	91.9	H	---	---	Fundamental
5377.500000	61.7	49.8	H	4.2	54.0	
17964.500000	57.8	46.4	V	7.6	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency Range GHz = [18, 40], Frequency MHz = 5230.00000, Modulation = 802.11ac VHT40 (OFDM MCS9), Mode = SISO, Measurement Point = 1

Images:



- AVG\_MAXH
- PK+\_MAXH
- - - TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC 15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20919.812500	44.1	35.7	V	18.3	54.0
39931.250000	51.1	42.3	V	11.7	54.0

**Modulation: 802.11ac VHT80 SS1 (OFDM MCS9)**

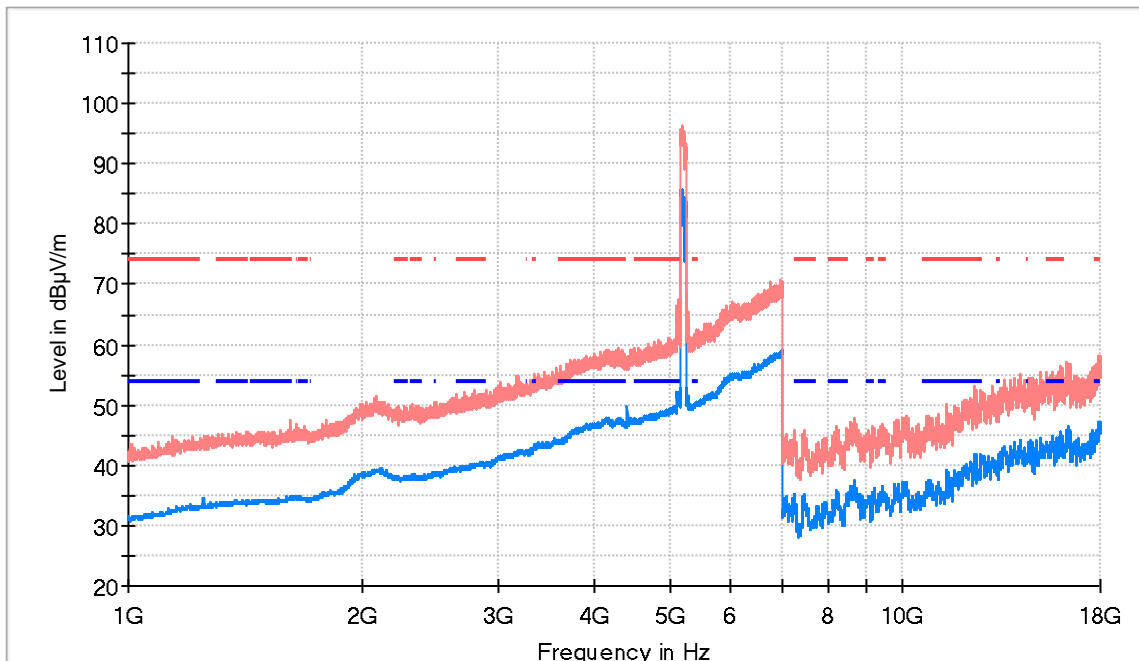
**Results**

**Frequency range 1 - 18 GHz**

**Lowest Channel**

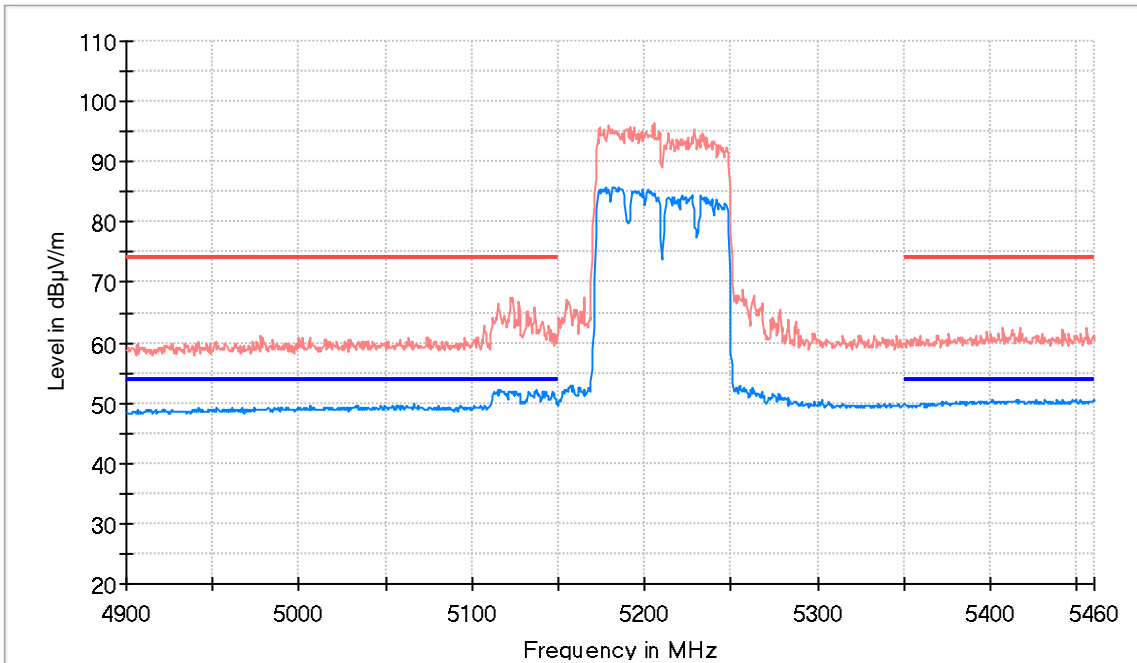
**Active Port = 1** Frequency Range GHz = [1, 18], Frequency MHz = 5210.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5205.500000	96.2	84.6	H	---	---	Fundamental
5407.000000	62.4	50.2	V	3.8	54.0	
17927.50000	58.2	47.0	H	7.0	54.0	



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

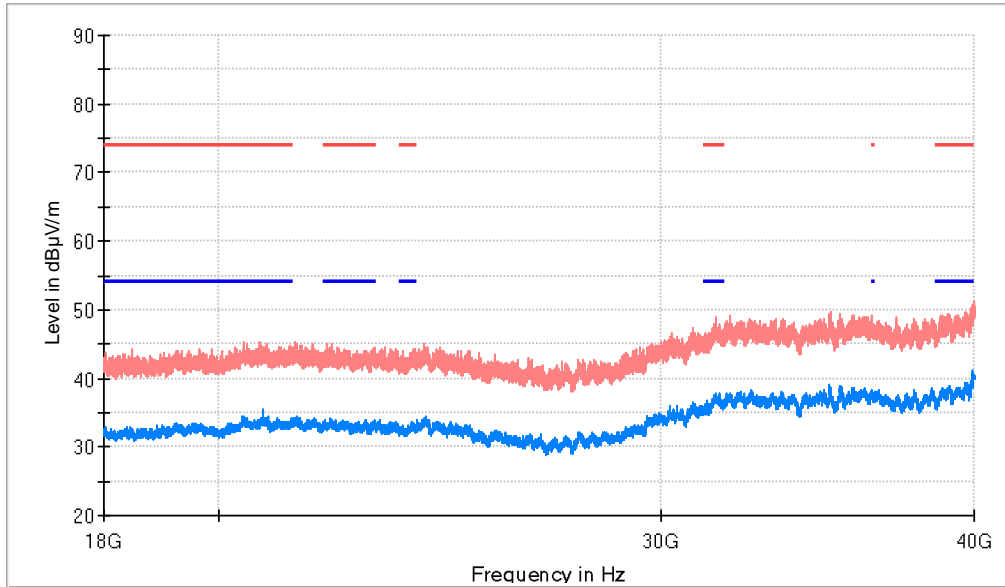


**Frequency range 18 - 40 GHz**

**Single Channel**

**Active Port = 1** Frequency Range GHz = [18, 40], Frequency MHz = 5210.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1

**Images:**



- AVG\_MAXH
- PK+\_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20840.063000	44.1	35.3	V	18.7	54.0