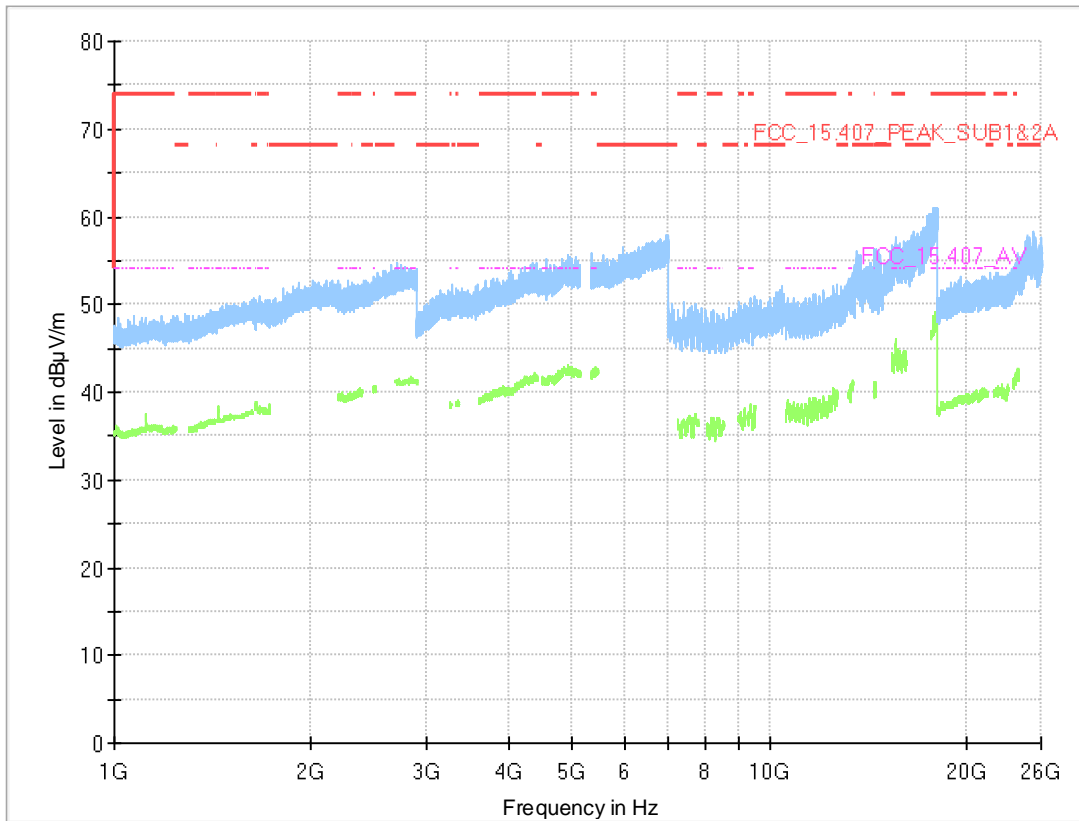
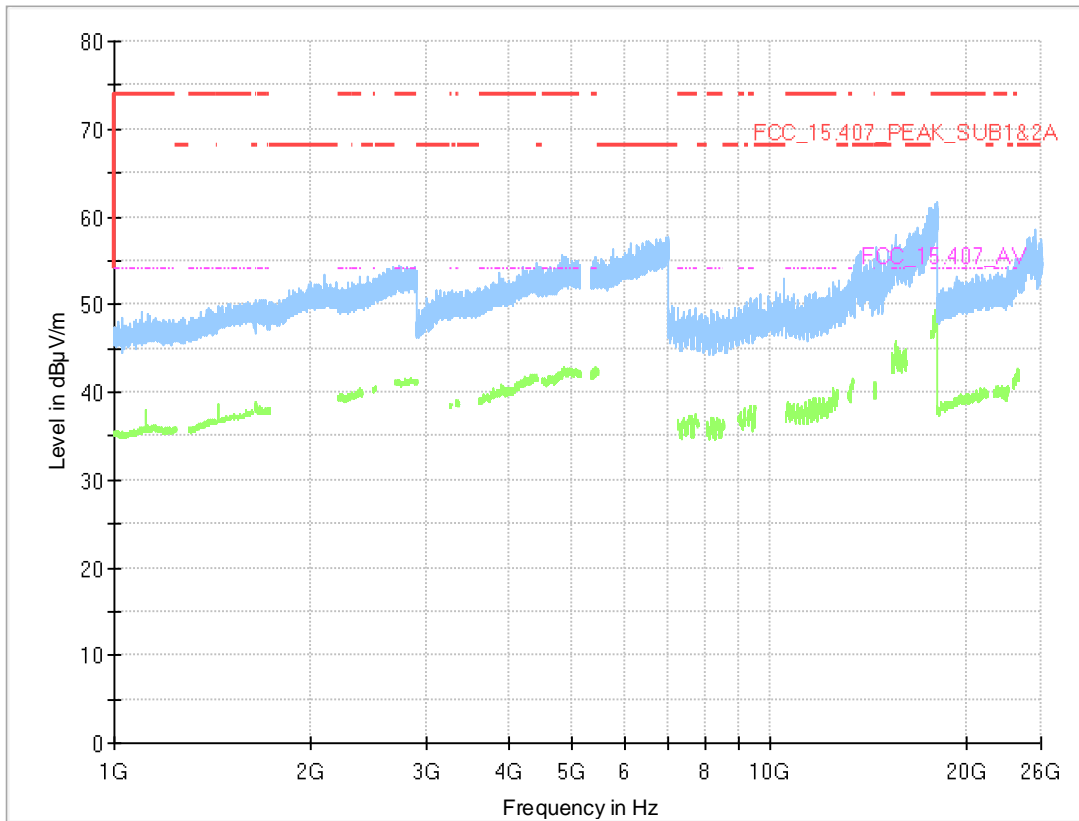


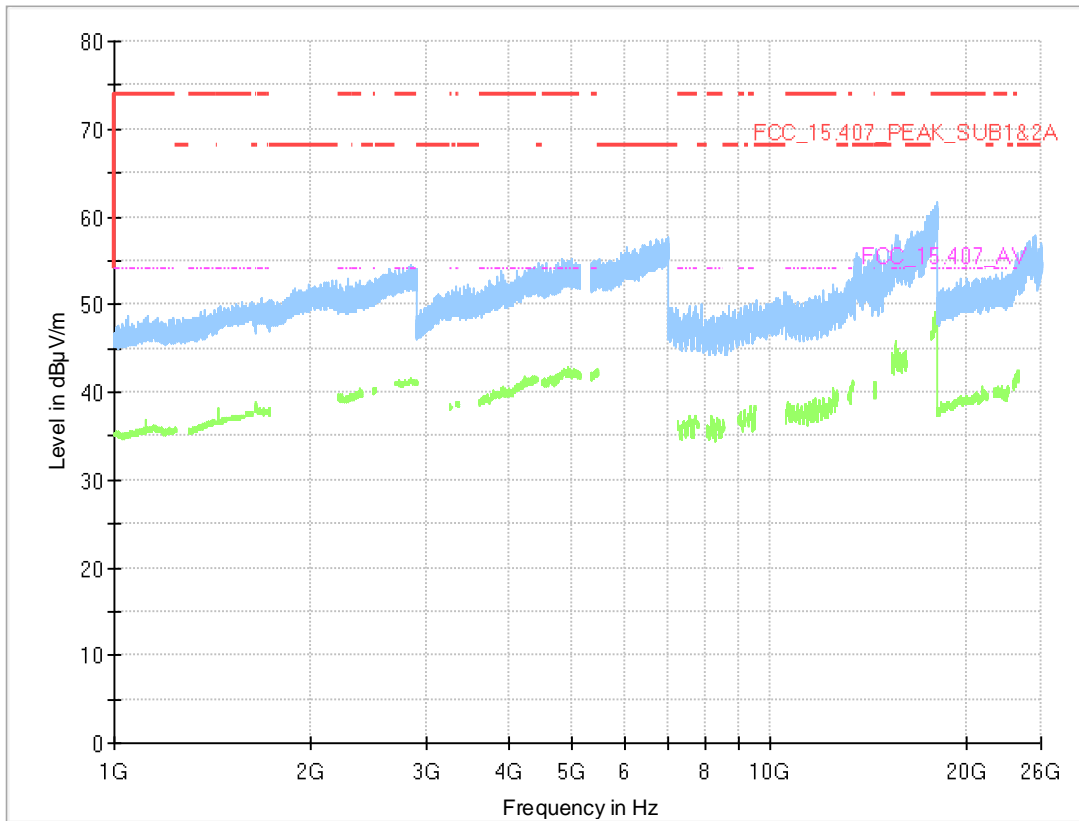
Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-1,  
Measurement range = 1GHz - 26GHz



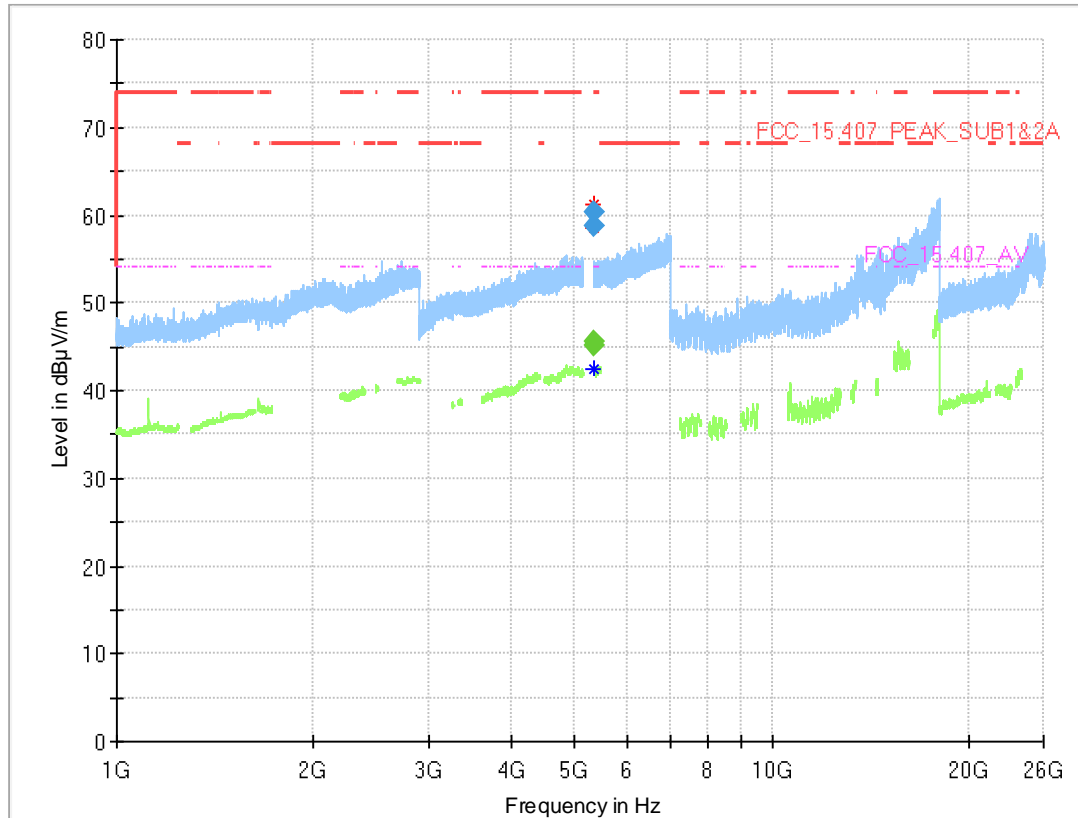
Radio Technology = WLAN a, Operating Frequency = low, Subband = U-NII-2A,  
Measurement range = 1GHz - 26GHz



Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-2A,  
Measurement range = 1GHz - 26GHz



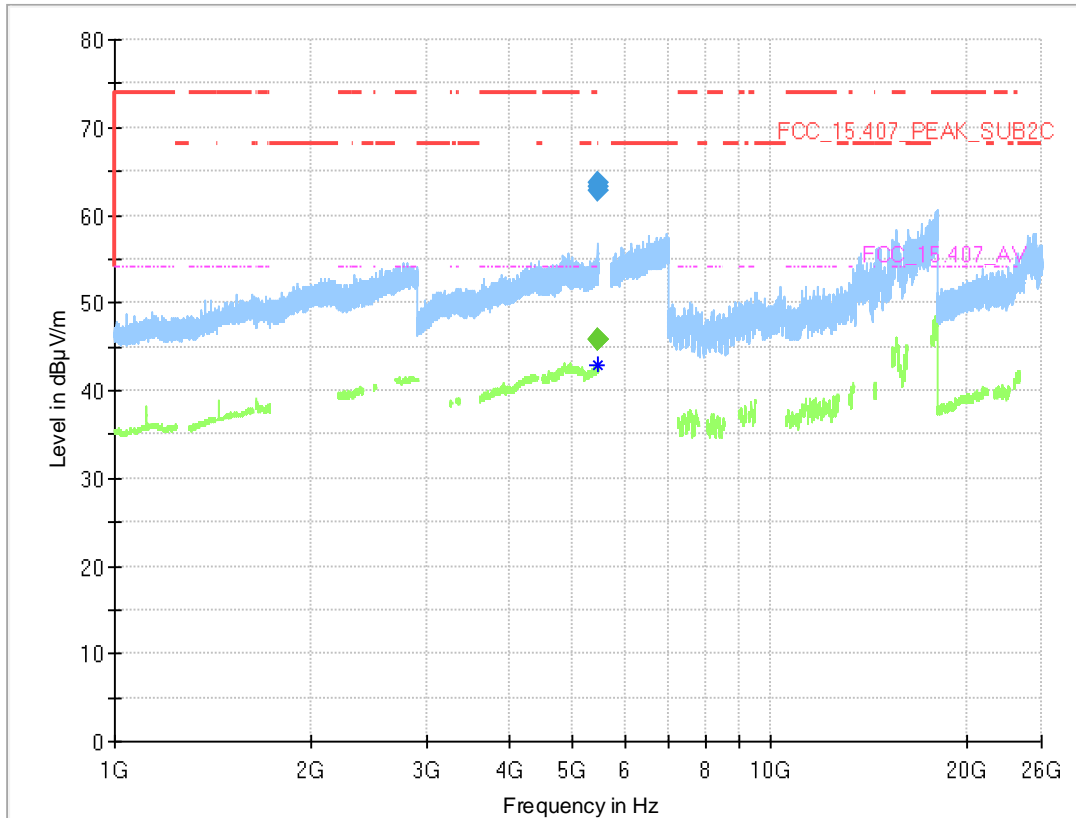
Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-2A,  
 Measurement range = 1GHz - 26GHz



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5350.000	---	45.7	54.00	8.34	1000.0	1000.000	150.0	V	-92.0	12.0	15.3
5350.000	60.2	---	74.00	13.76	1000.0	1000.000	150.0	V	-92.0	12.0	15.3
5350.660	---	45.2	54.00	8.75	1000.0	1000.000	150.0	H	-55.0	105.0	15.3
5350.660	58.8	---	74.00	15.16	1000.0	1000.000	150.0	H	-55.0	105.0	15.3

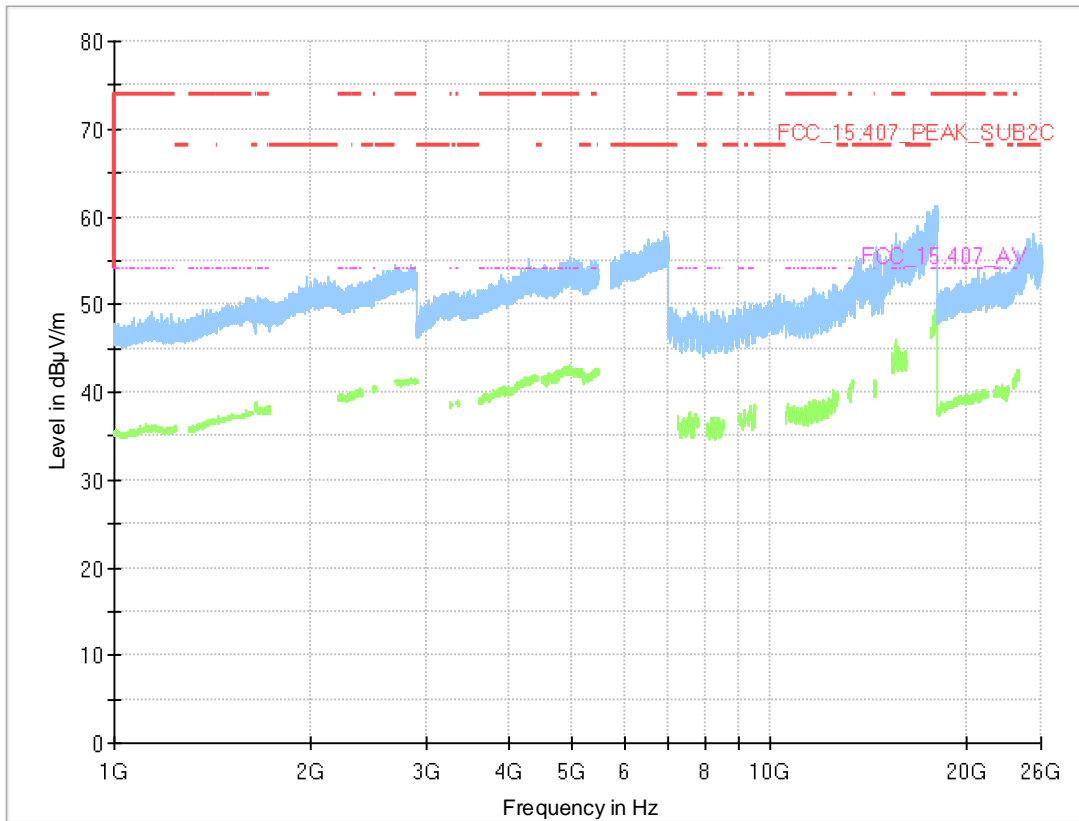
Radio Technology = WLAN a, Operating Frequency = low, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz



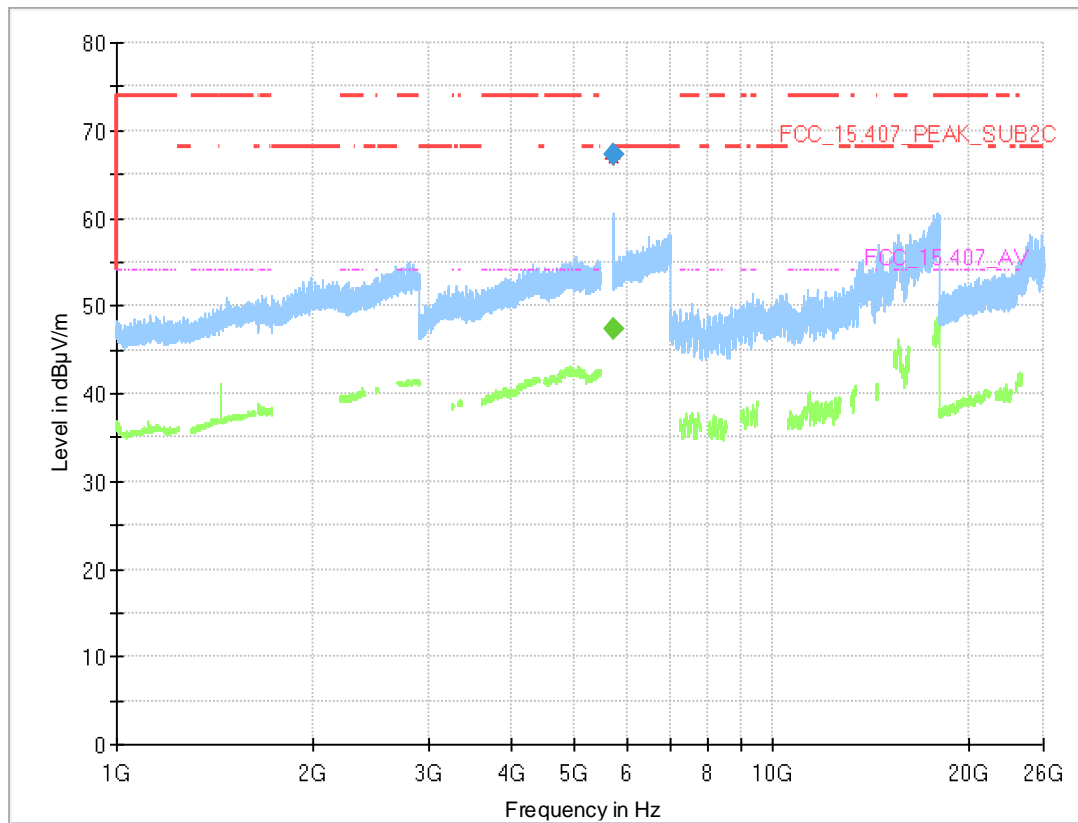
### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5458.130	---	45.8	54.00	8.24	1000.0	1000.000	150.0	H	37.0	104.0	15.9
5458.130	63.2	---	74.00	10.78	1000.0	1000.000	150.0	H	37.0	104.0	15.9
5459.890	---	45.8	54.00	8.19	1000.0	1000.000	150.0	H	37.0	75.0	15.9
5459.890	62.7	---	74.00	11.27	1000.0	1000.000	150.0	H	37.0	75.0	15.9
5469.300	---	45.8	---	---	1000.0	1000.000	150.0	V	-90.0	-8.0	15.7
5469.300	63.8	---	68.20	4.44	1000.0	1000.000	150.0	V	-90.0	-8.0	15.7

Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-2C,  
Measurement range = 1GHz - 26GHz



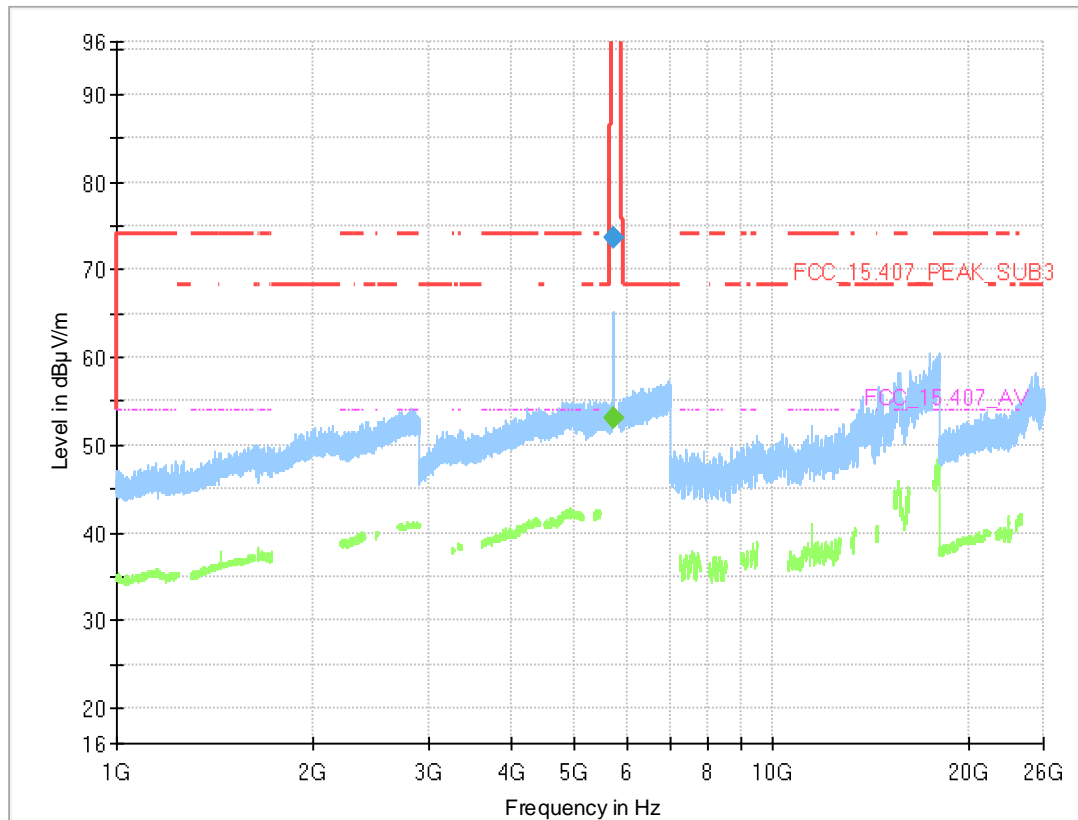
Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.128	---	47.4	---	---	1000.0	1000.000	150.0	H	-53.0	99.0	15.6
5725.128	67.3	---	68.20	0.93	1000.0	1000.000	150.0	H	-53.0	99.0	15.6

Radio Technology = WLAN a, Operating Frequency = low, Subband = U-NII-3  
 Measurement range = 1GHz - 26GHz

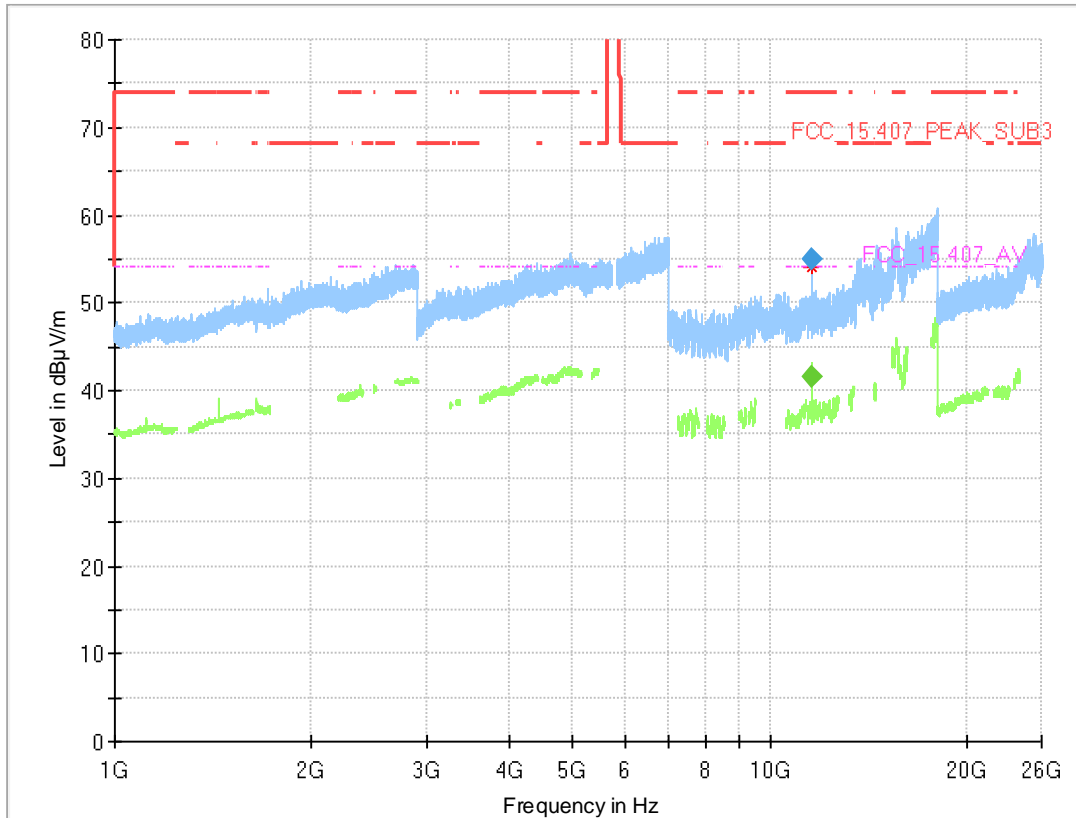


### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5724.300	---	53.1	---	---	1000.0	1000.000	150.0	H	51.0	90.0	15.6
5724.300	73.6	---	120.6	47.03	1000.0	1000.000	150.0	H	51.0	90.0	15.6



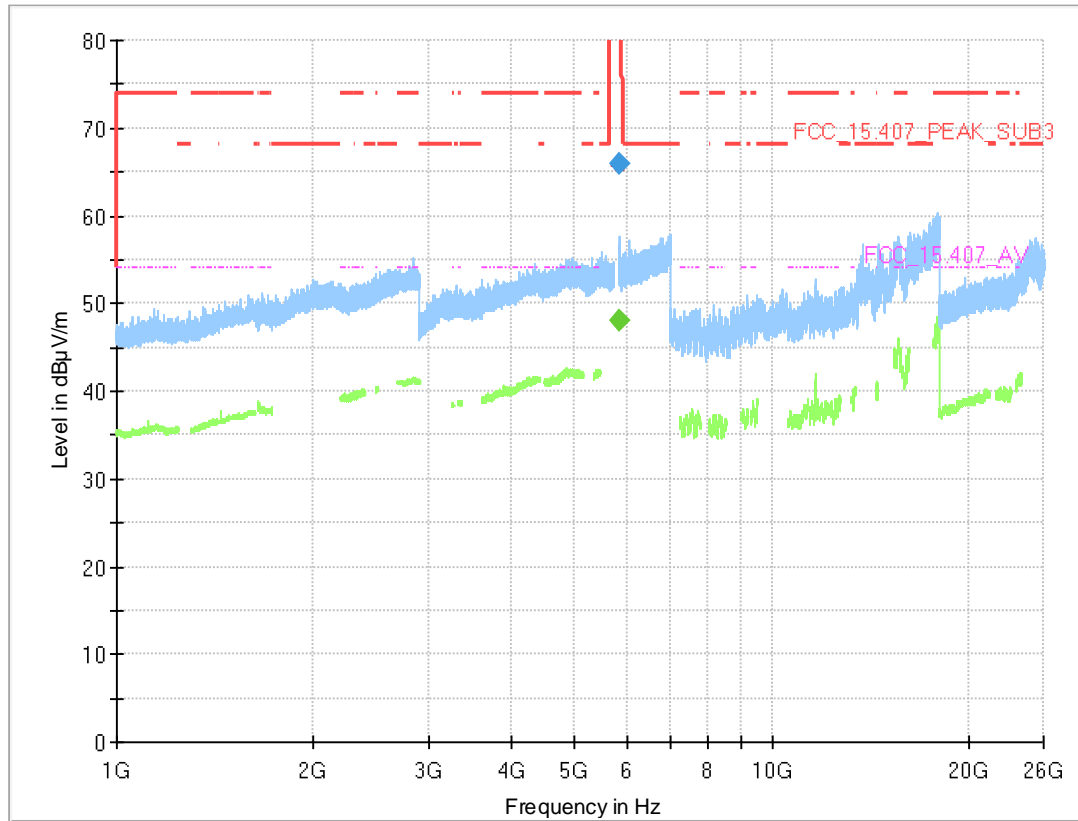
Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-3,  
 Measurement range = 1GHz - 26GHz



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11568.520	---	41.6	54.00	12.36	1000.0	1000.000	150.0	H	-42.0	83.0	-6.0
11568.520	54.9	---	74.00	19.08	1000.0	1000.000	150.0	H	-42.0	83.0	-6.0

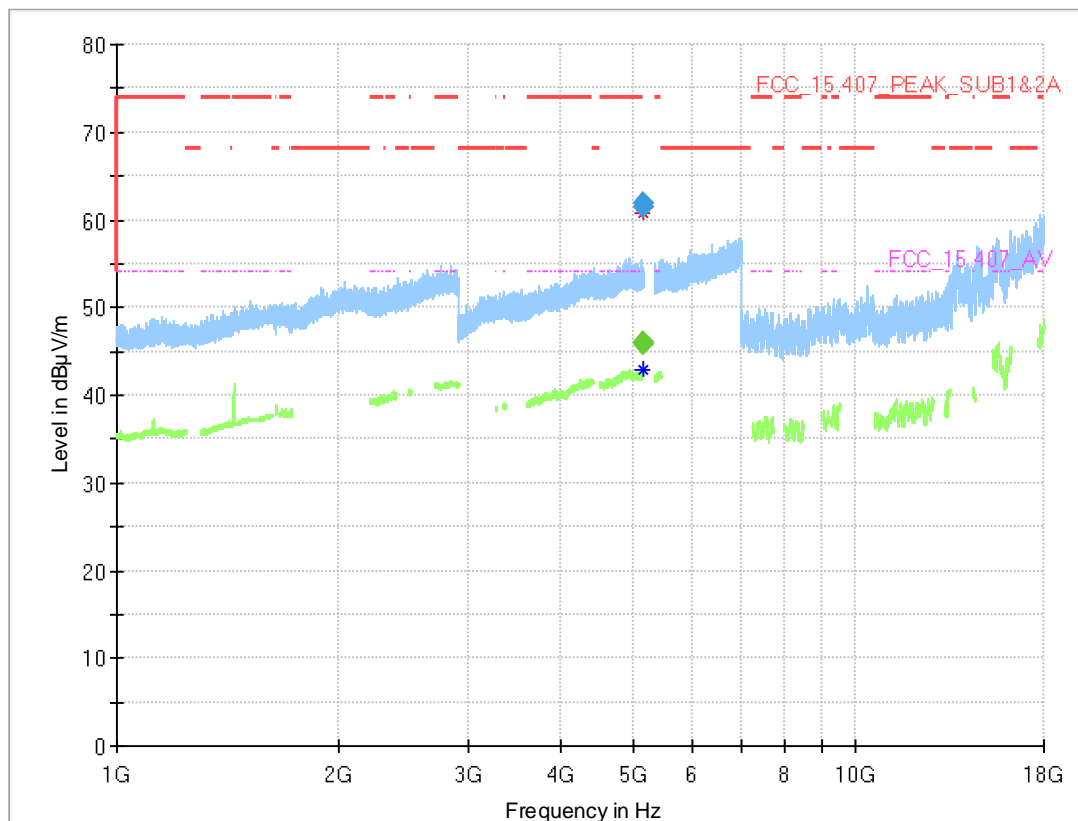
Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-3,  
 Measurement range = 1GHz - 26GHz



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5850.200	---	48.1	---	---	1000.0	1000.000	150.0	H	81.0	75.0	15.8
5850.200	65.9	---	121.7	55.82	1000.0	1000.000	150.0	H	81.0	75.0	15.8

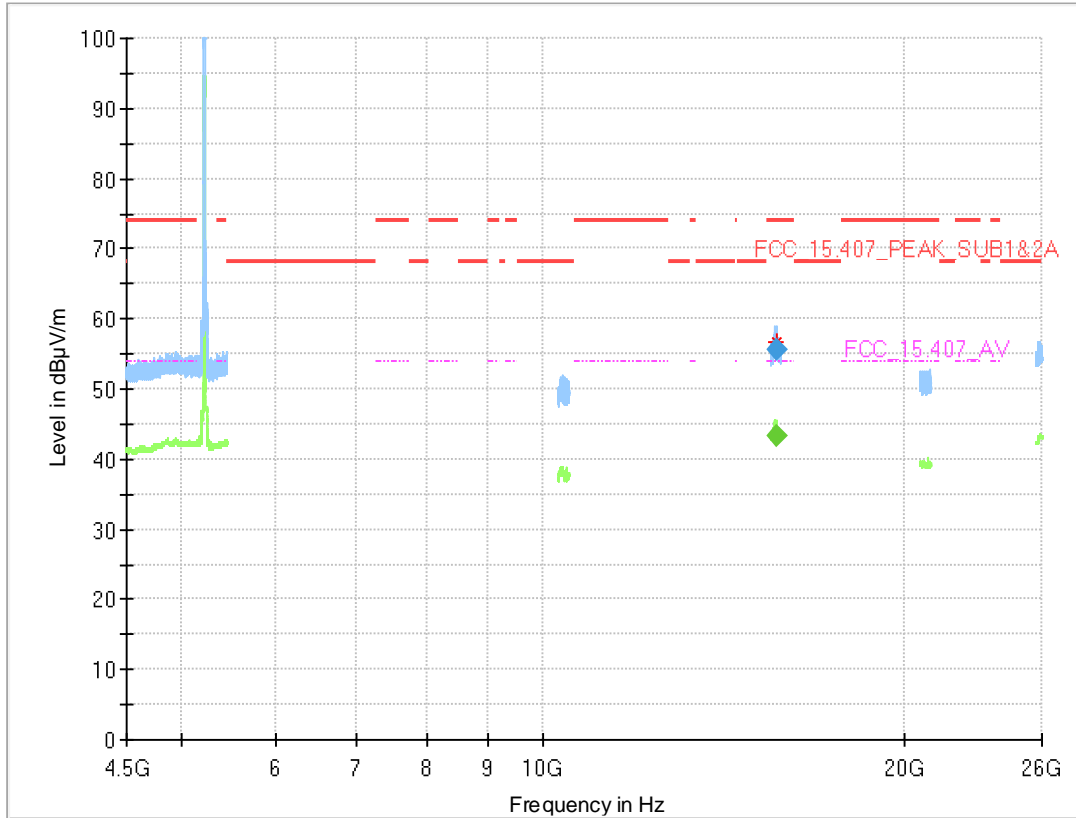
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-1  
 Measurement range = 1GHz - 26GHz,



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5149.675	---	45.7	54.00	8.30	1000.0	1000.000	150.0	H	-46.0	95.0	15.0
5149.675	61.5	---	74.00	12.53	1000.0	1000.000	150.0	H	-46.0	95.0	15.0
5150.000	---	46.0	54.00	8.01	1000.0	1000.000	150.0	H	-45.0	89.0	15.0
5150.000	61.8	---	74.00	12.20	1000.0	1000.000	150.0	H	-45.0	89.0	15.0

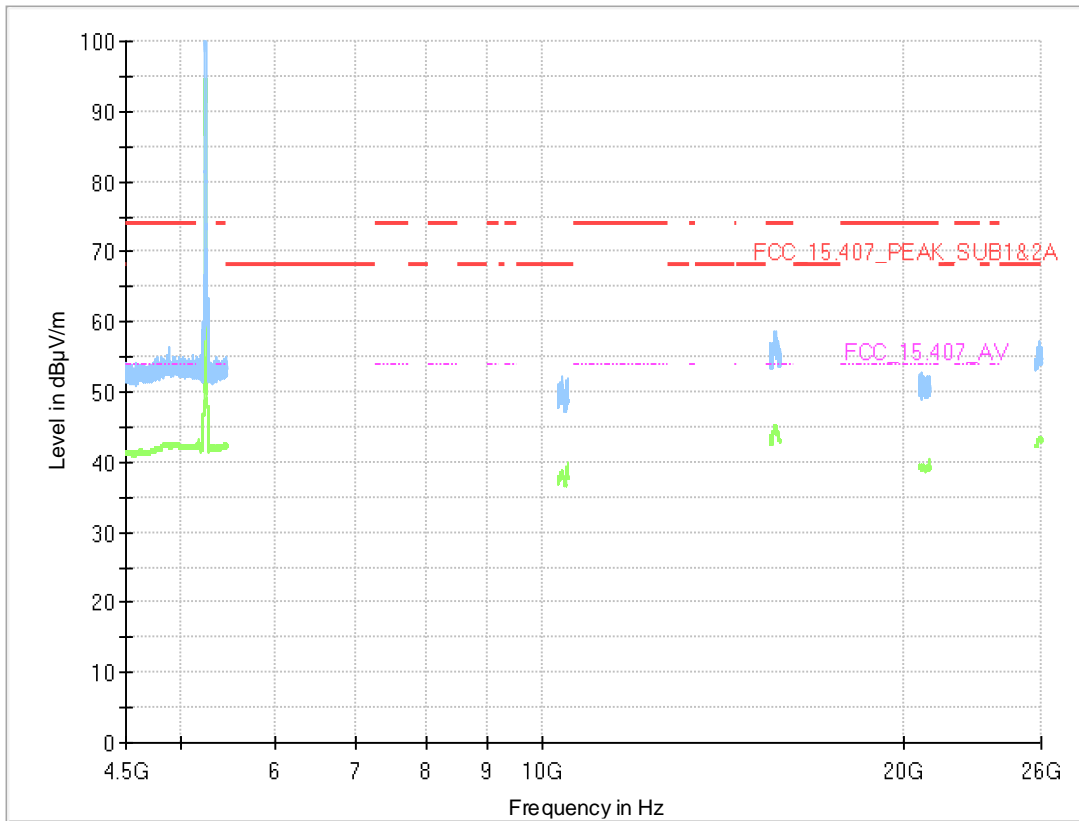
Radio Technology = WLAN n 20, Operating Frequency = mid, Subband = U-NII-1  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



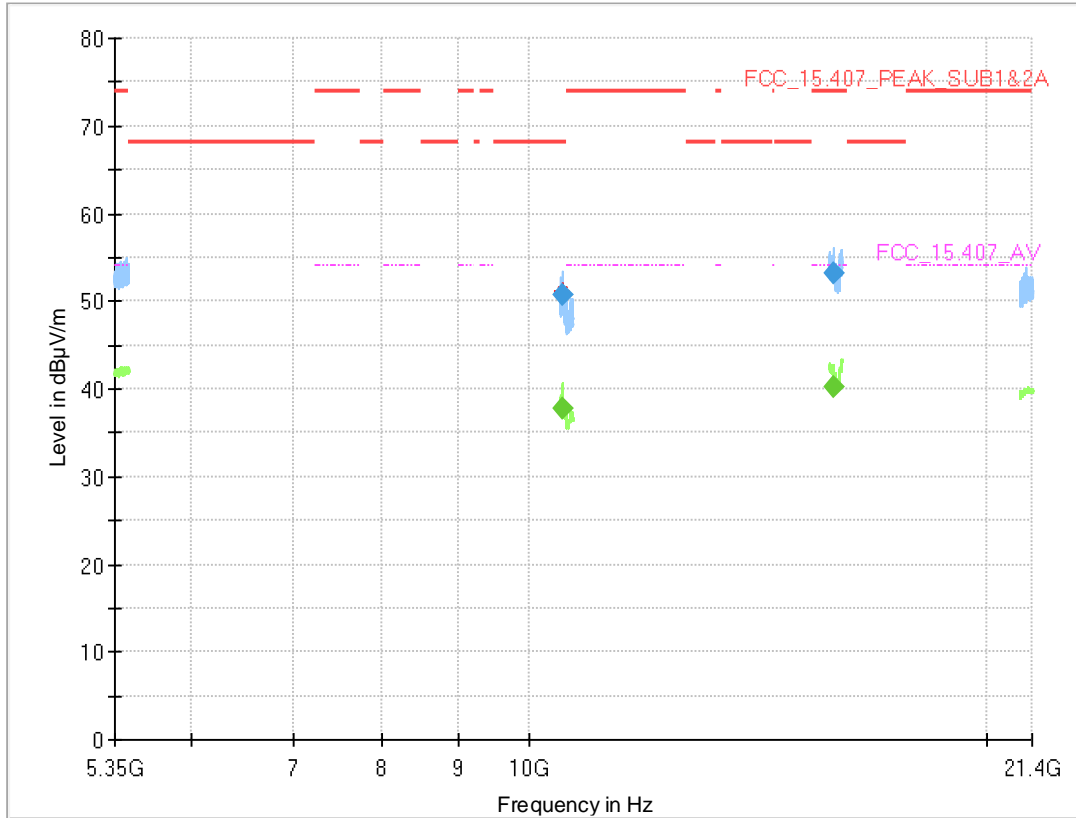
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
15619.500	---	43.2	54.00	10.82	1000.0	1000.000	150.0	V	-42.0	-8.0	-0.1
15619.500	55.7	---	74.00	18.35	1000.0	1000.000	150.0	V	-42.0	-8.0	-0.1

Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-1,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



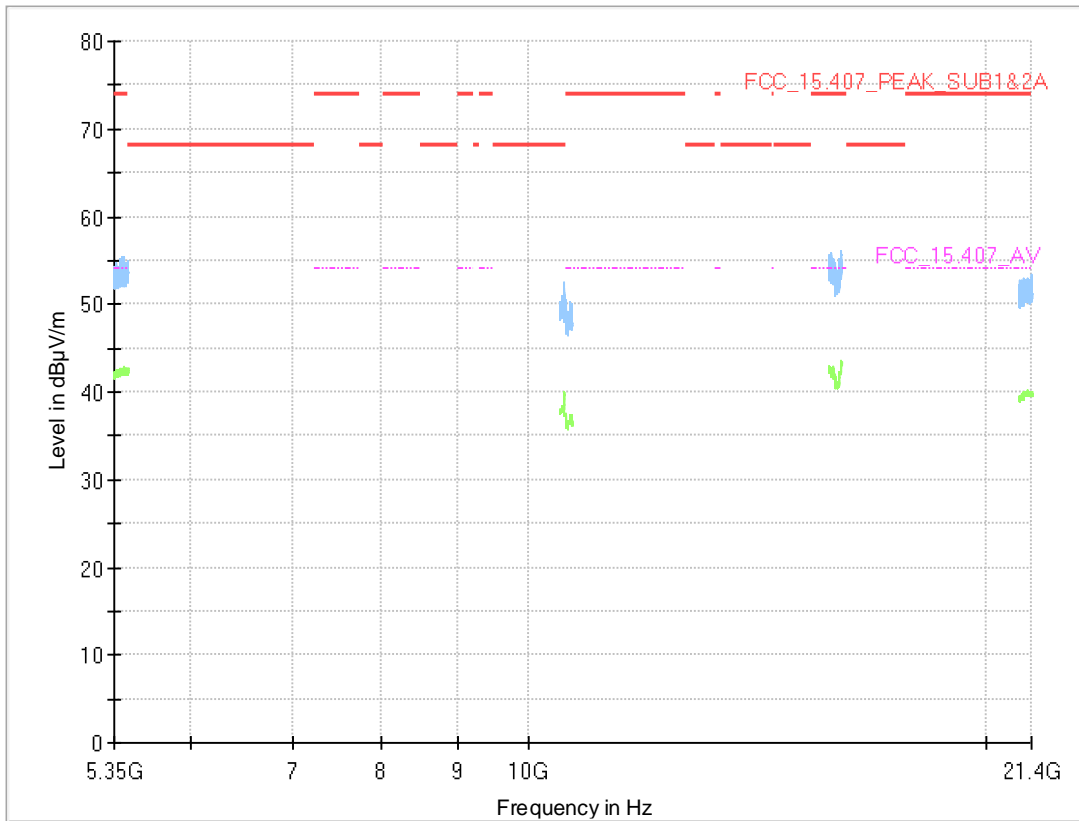
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-2A,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



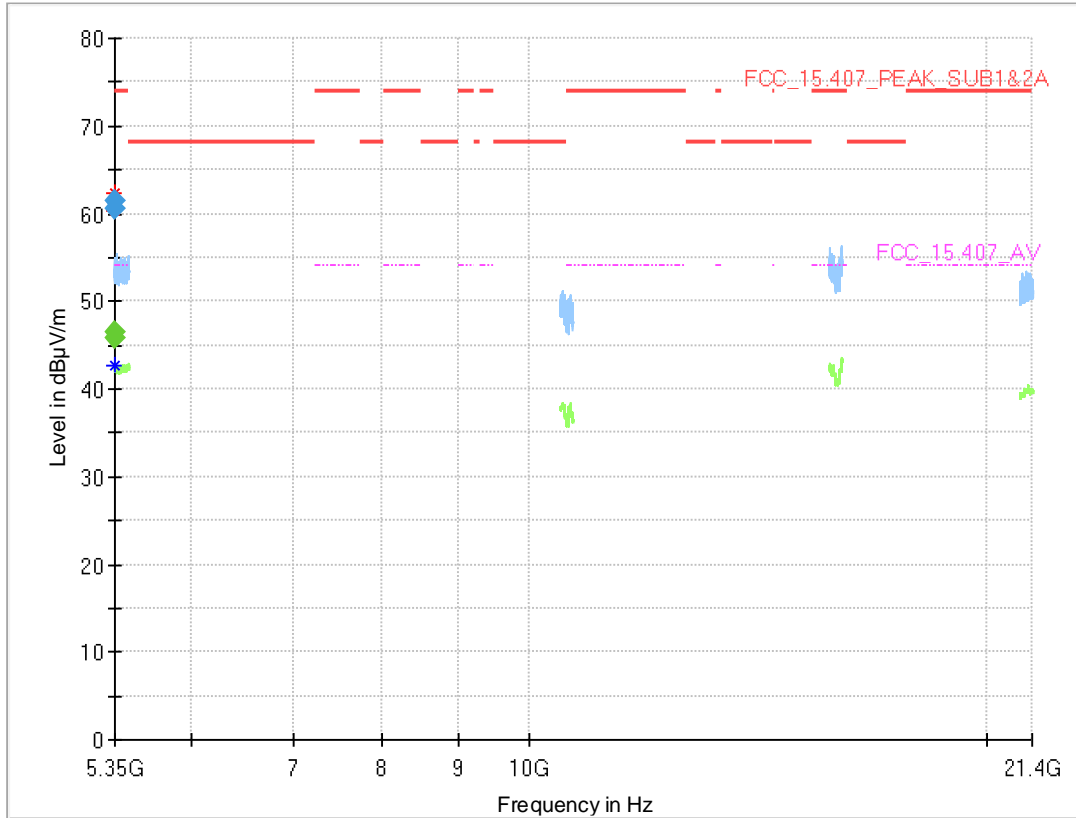
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
10526.500	---	37.8	---	---	1000.0	1000.000	150.0	H	-40.0	94.0	-8.7
10526.500	50.7	---	68.20	17.45	1000.0	1000.000	150.0	H	-40.0	94.0	-8.7
15843.500	---	40.2	54.00	13.76	1000.0	1000.000	150.0	H	-169.0	11.0	0.4
15843.500	53.2	---	74.00	20.76	1000.0	1000.000	150.0	H	-169.0	11.0	0.4

Radio Technology = WLAN n 20, Operating Frequency = mid, Subband = U-NII-2A,  
Measurement range = 1GHz - 26GHz (only harmonics tested),



Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-2A,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),

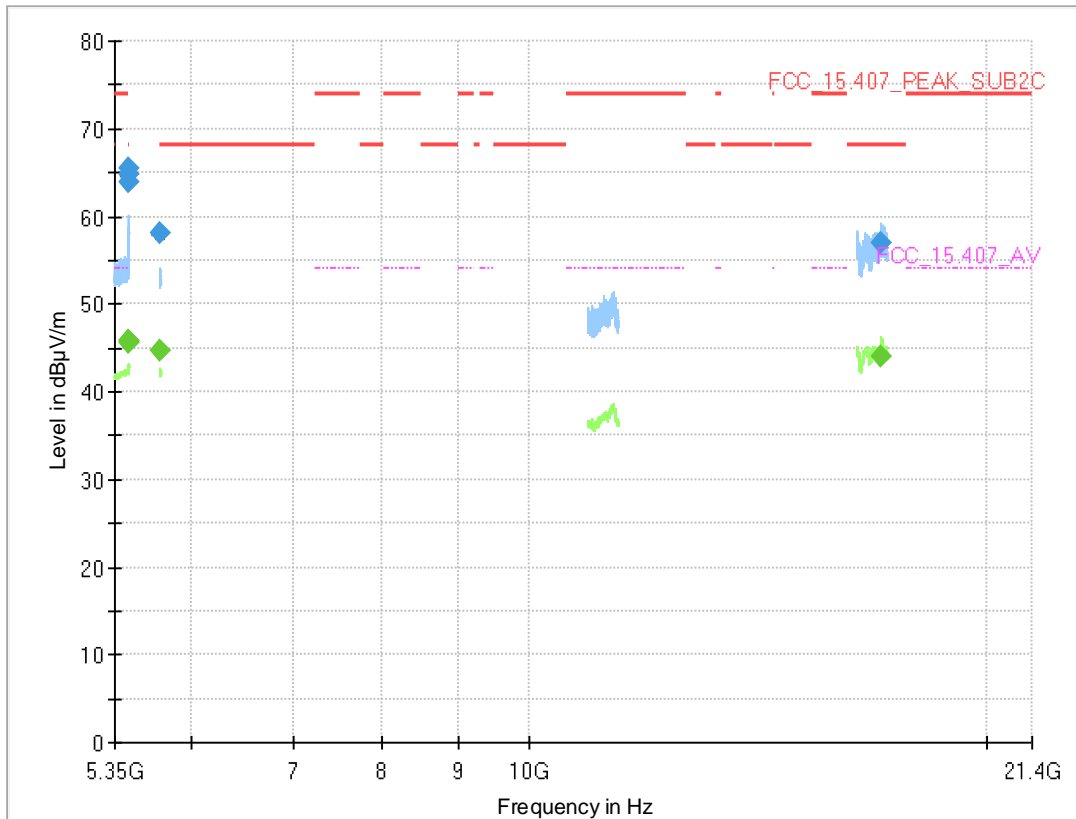


### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5350.000	---	46.4	54.00	7.62	1000.0	1000.000	150.0	H	-52.0	96.0	15.3
5350.000	61.5	---	74.00	12.52	1000.0	1000.000	150.0	H	-52.0	96.0	15.3
5351.320	---	45.8	54.00	8.23	1000.0	1000.000	150.0	H	-46.0	97.0	15.3
5351.320	60.5	---	74.00	13.54	1000.0	1000.000	150.0	H	-46.0	97.0	15.3



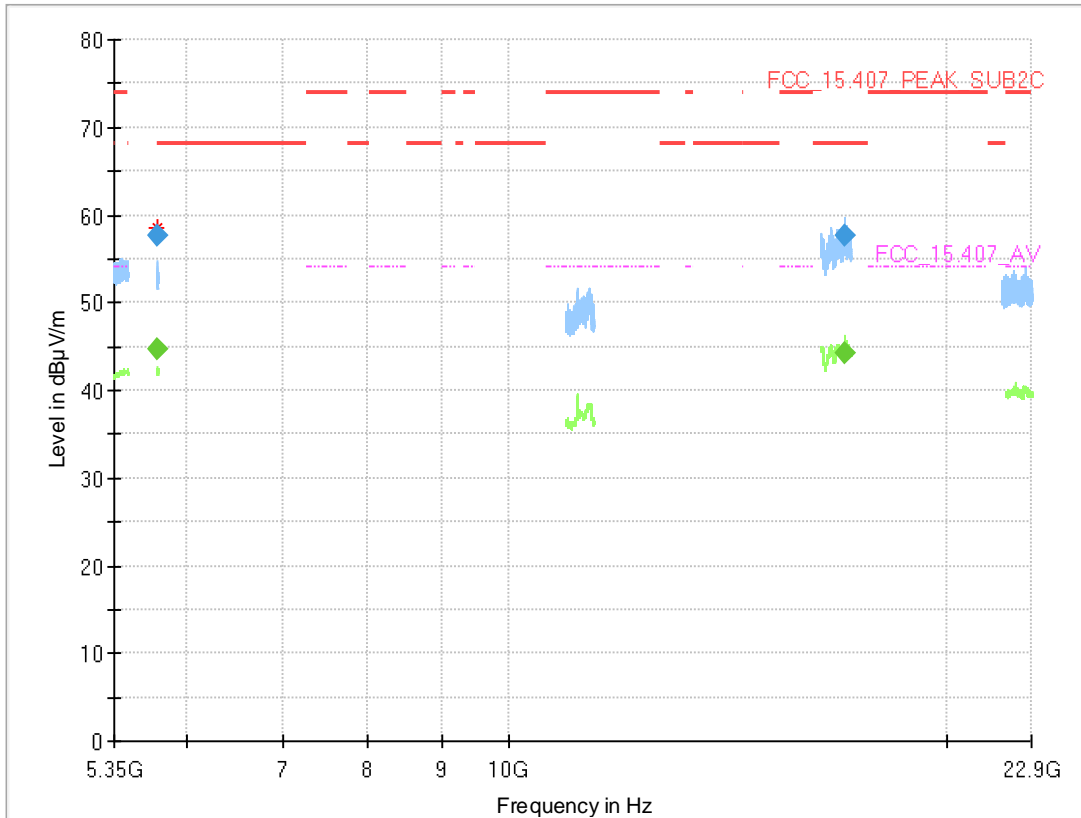
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5459.440	---	45.8	54.00	8.24	1000.0	1000.000	150.0	H	50.0	86.0	15.9
5459.440	64.0	---	74.00	10.03	1000.0	1000.000	150.0	H	50.0	86.0	15.9
5459.920	---	45.8	54.00	8.19	1000.0	1000.000	150.0	H	-46.0	87.0	15.9
5459.920	64.9	---	74.00	9.15	1000.0	1000.000	150.0	H	-46.0	87.0	15.9
5470.000	---	45.6	---	---	1000.0	1000.000	150.0	V	-92.0	-1.0	15.7
5470.000	65.6	---	68.20	2.64	1000.0	1000.000	150.0	V	-92.0	-1.0	15.7
5727.900	---	44.8	---	---	1000.0	1000.000	150.0	V	-143.0	105.0	15.7
5727.900	58.1	---	68.20	10.14	1000.0	1000.000	150.0	V	-143.0	105.0	15.7
17031.371	---	44.0	---	---	1000.0	1000.000	150.0	H	44.0	15.0	0.3
17031.371	56.9	---	68.20	11.27	1000.0	1000.000	150.0	H	44.0	15.0	0.3

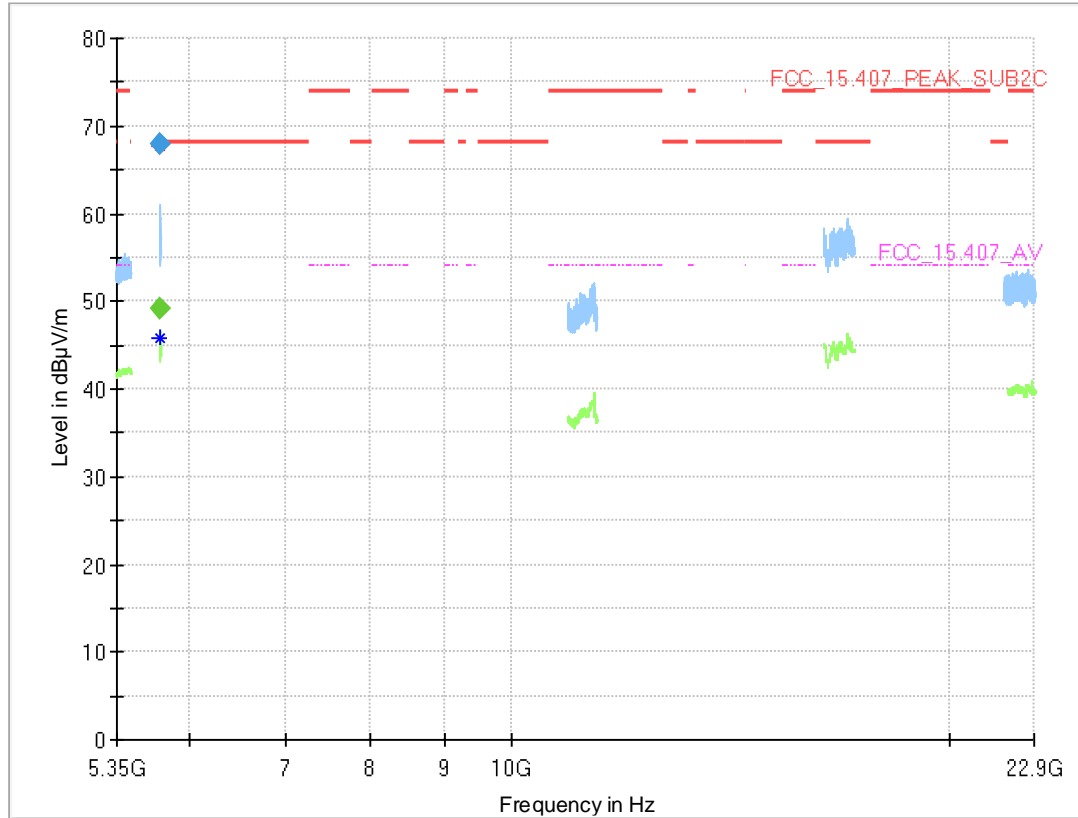
Radio Technology = WLAN n 20, Operating Frequency = mid, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5728.800	---	44.8	---	---	1000.0	1000.000	150.0	V	-169.0	15.0	15.7
5728.800	57.6	---	68.20	10.65	1000.0	1000.000	150.0	V	-169.0	15.0	15.7
17038.256	---	44.2	---	---	1000.0	1000.000	150.0	V	-124.0	95.0	0.8
17038.256	57.7	---	68.20	10.54	1000.0	1000.000	150.0	V	-124.0	95.0	0.8

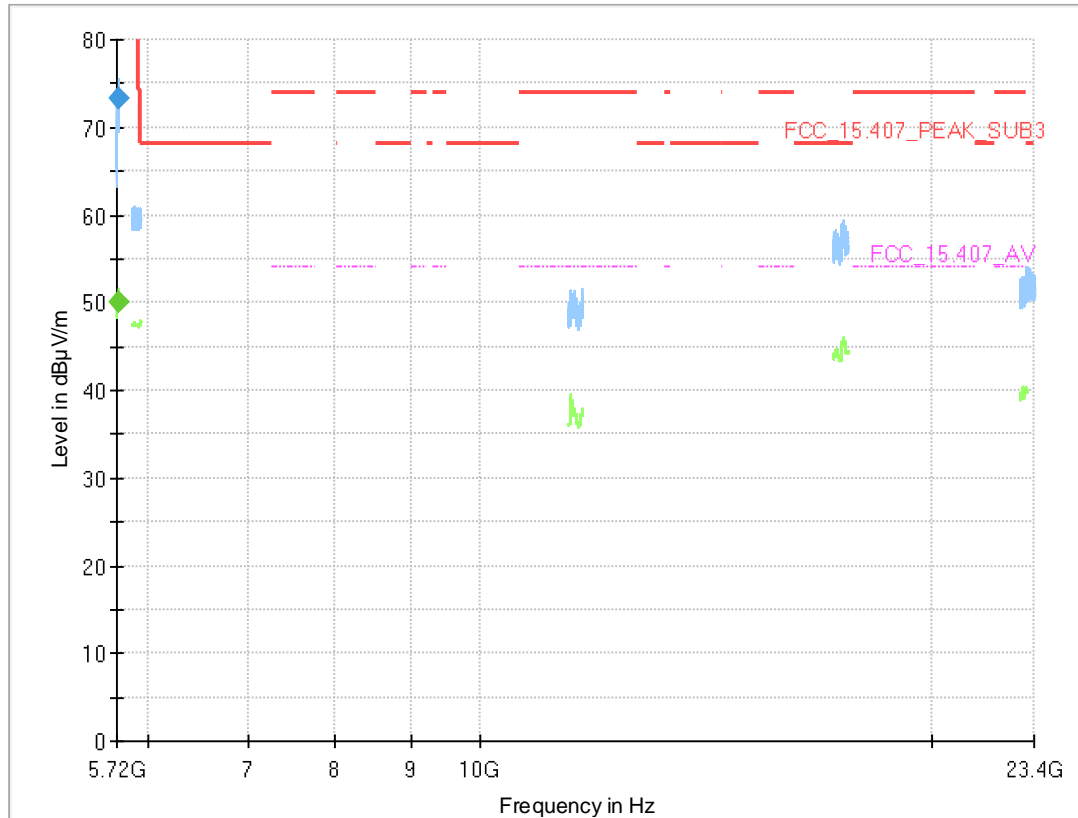
Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.550	---	49.2	---	---	1000.0	1000.000	150.0	H	56.0	75.0	15.6
5725.550	67.9	---	68.20	0.26	1000.0	1000.000	150.0	H	56.0	75.0	15.6

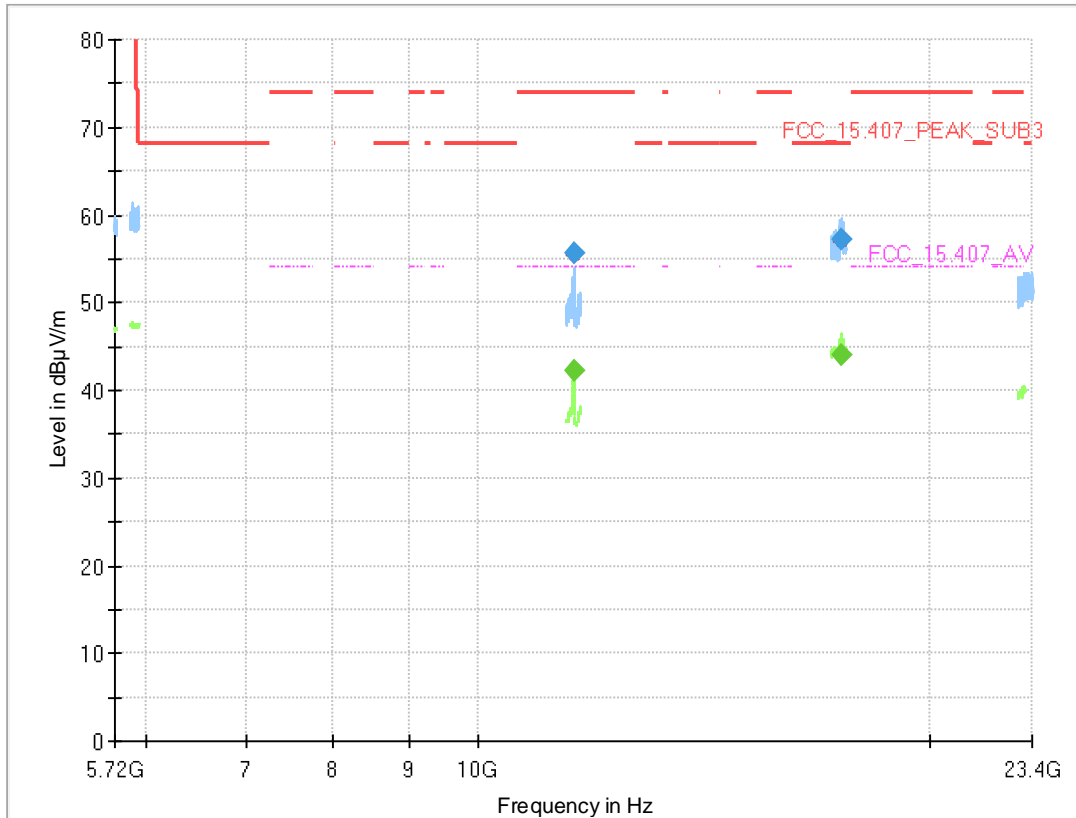
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-3  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.000	---	50.1	---	---	1000.0	1000.000	150.0	V	127.0	-5.0	15.6
5725.000	73.3	---	122.2	48.94	1000.0	1000.000	150.0	V	127.0	-5.0	15.6

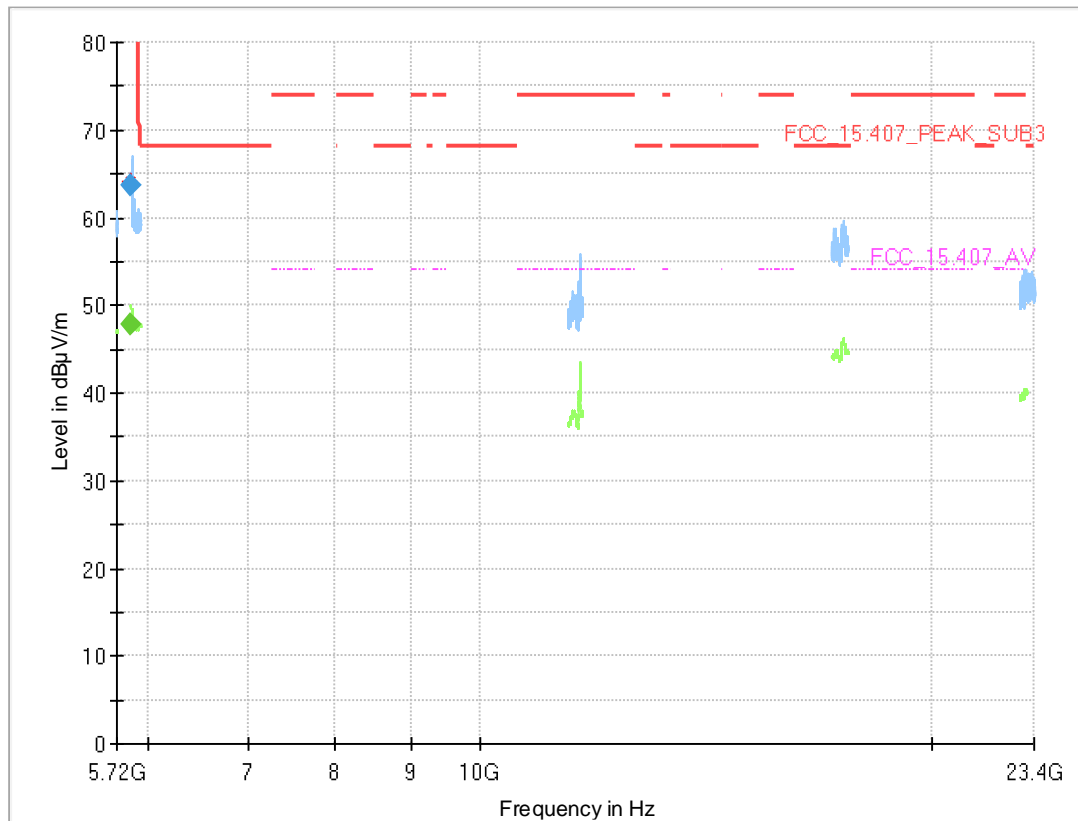
Radio Technology = WLAN n 20, Operating Frequency = mid, Subband = U-NII-3,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
11569.904	55.7	---	74.00	18.31	1000.0	1000.000	150.0	H	133.0	100.0	-6.1
11569.904	---	42.2	54.00	11.79	1000.0	1000.000	150.0	H	133.0	100.0	-6.1
17437.969	57.1	---	68.20	11.06	1000.0	1000.000	150.0	H	-52.0	15.0	1.6
17437.969	---	44.1	---	---	1000.0	1000.000	150.0	H	-52.0	15.0	1.6

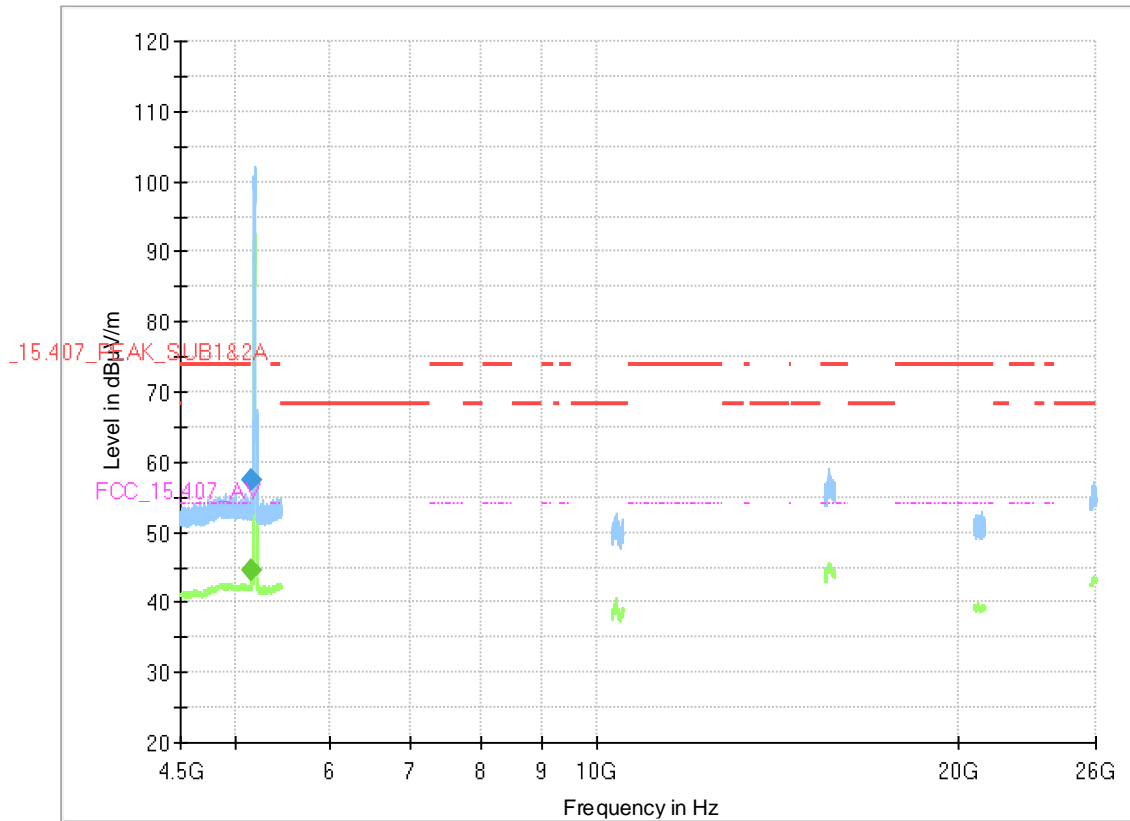
Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-3,  
 Measurement range = 1GHz - 26GHz (only harmonics tested),



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5850.000	---	47.7	---	---	1000.0	1000.000	150.0	H	42.0	83.0	15.8
5850.000	63.7	---	122.2	58.48	1000.0	1000.000	150.0	H	42.0	83.0	15.8

Radio Technology = WLAN n 40, Operating Frequency = low, Subband = U-NII-1,  
Measurement range = 1GHz - 26GHz (only harmonics tested)



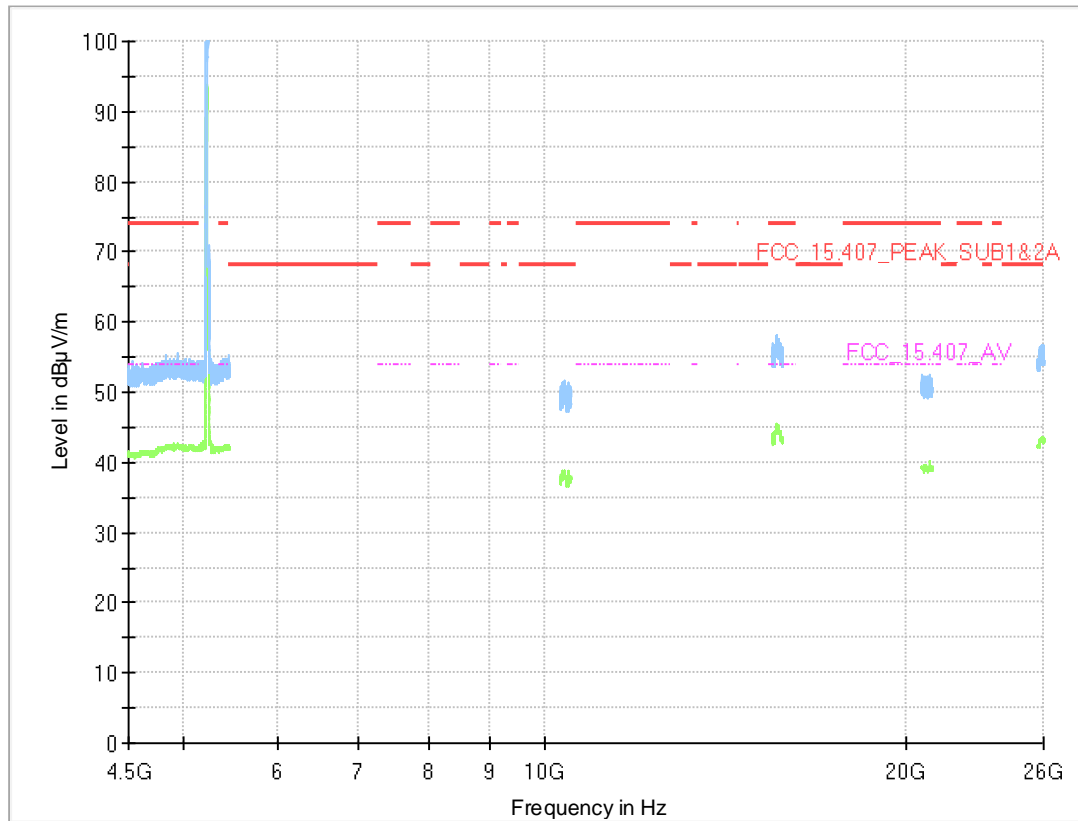
### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5148.050	57.6	---	74.00	16.40	---	---	150.0	V	-99.0	105.0	15.0

### Final\_Result

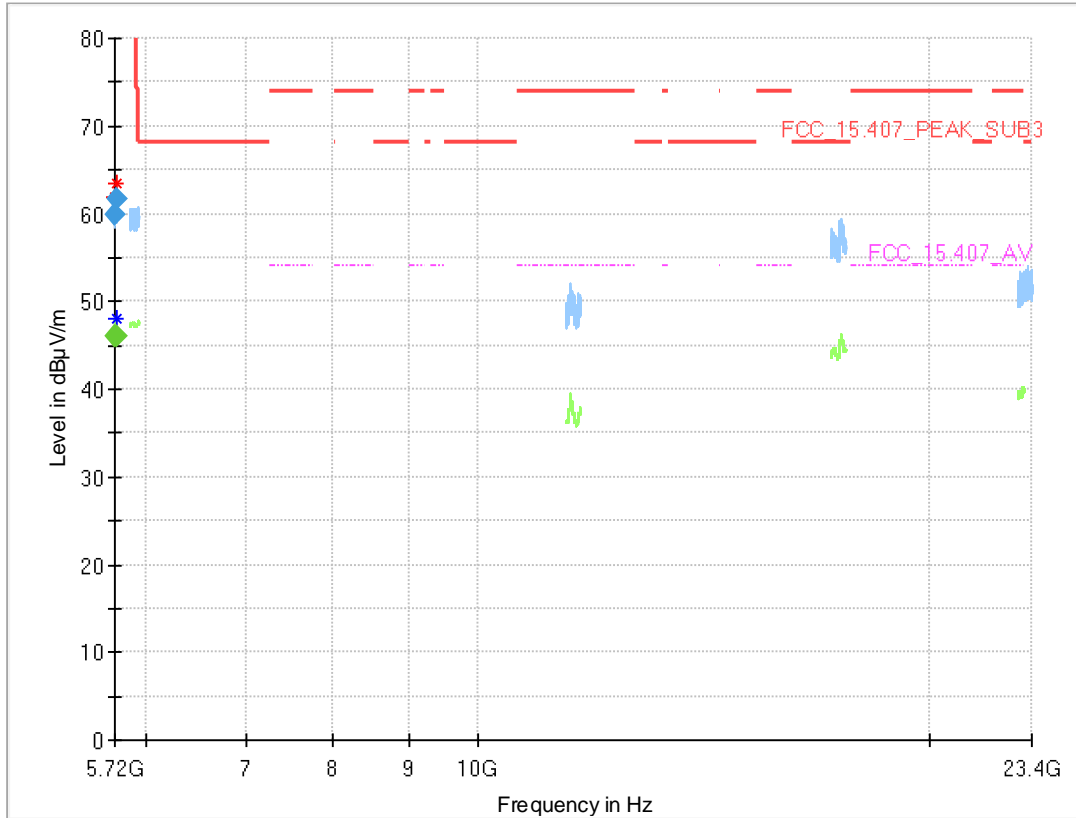
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5148.050	---	44.5	54.00	9.53	1000.0	1000.000	150.0	V	-99.0	105.0	15.0
5148.050	57.5	---	74.00	16.48	1000.0	1000.000	150.0	V	-99.0	105.0	15.0

Radio Technology = WLAN n 40, Operating Frequency = mid, Subband = U-NII-1,  
Measurement range = 1GHz - 26GHz (only harmonics tested)





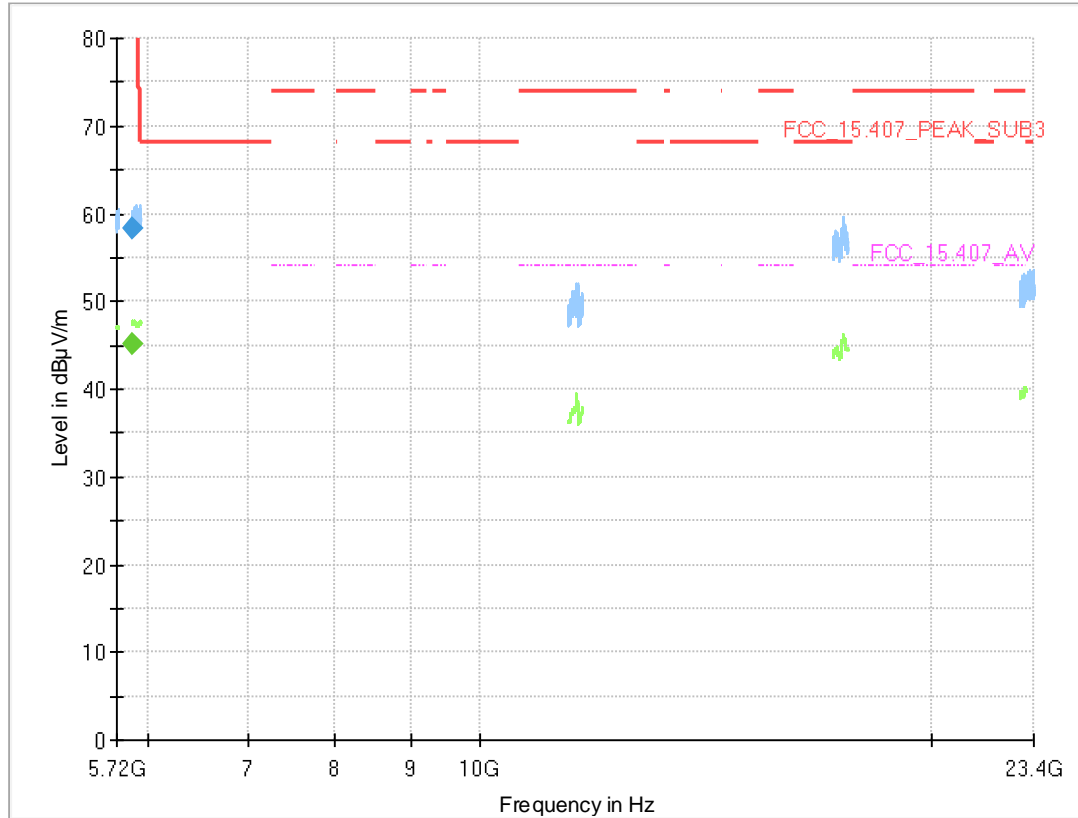
Radio Technology = WLAN n 40, Operating Frequency = low, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz (only harmonics tested)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5723.600	---	46.1	---	---	1000.0	1000.000	150.0	H	-39.0	80.0	15.6
5723.600	60.0	---	119.0	59.02	1000.0	1000.000	150.0	H	-39.0	80.0	15.6
5724.000	---	46.1	---	---	1000.0	1000.000	150.0	H	-45.0	89.0	15.6
5724.000	61.6	---	119.9	58.34	1000.0	1000.000	150.0	H	-45.0	89.0	15.6

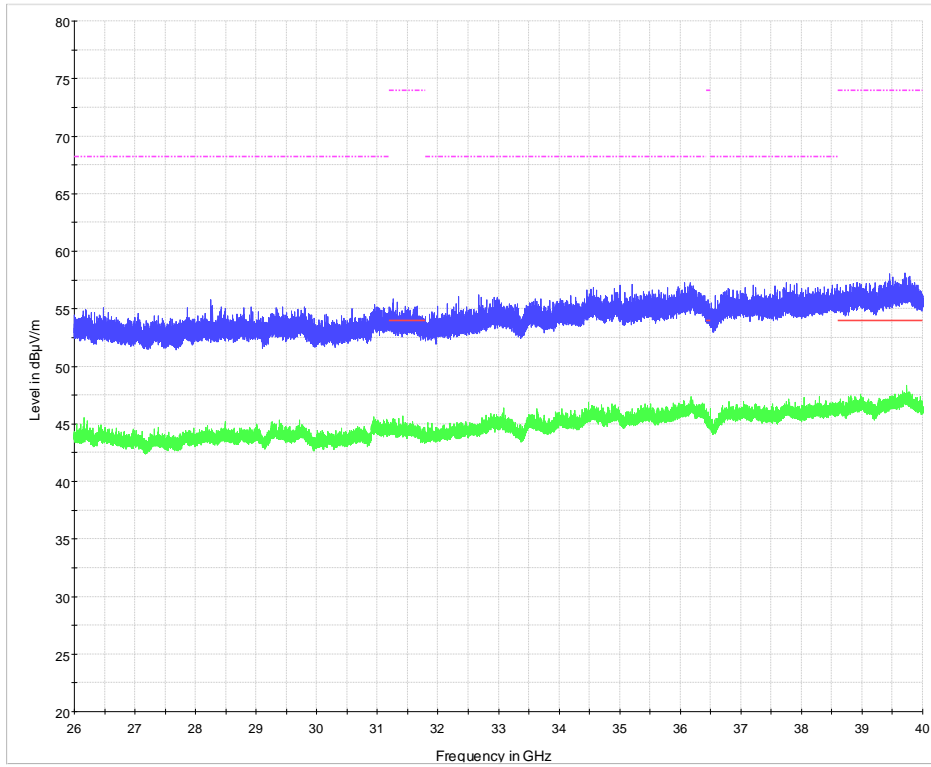
Radio Technology = WLAN n 40, Operating Frequency = high, Subband = U-NII-2C,  
 Measurement range = 1GHz - 26GHz (only harmonics tested)



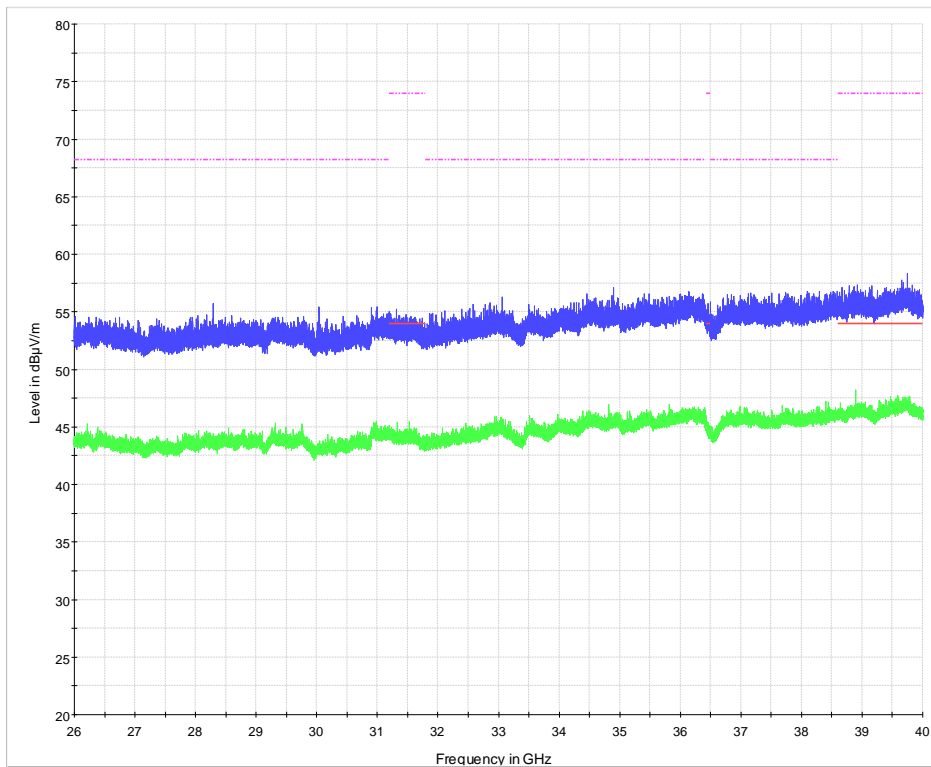
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5850.240	---	45.1	---	---	1000.0	1000.000	150.0	H	96.0	-7.0	15.8
5850.240	58.3	---	121.6	63.34	1000.0	1000.000	150.0	H	96.0	-7.0	15.8

Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-1,  
Measurement range = 26GHz - 40GHz



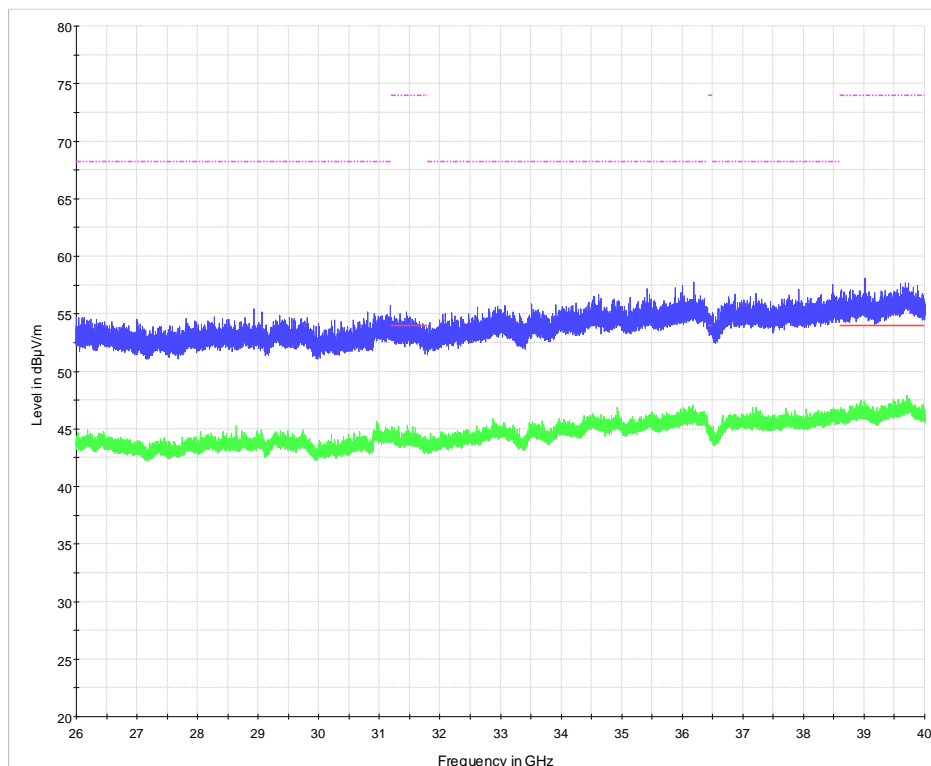
Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-2A, Measurement range = 26GHz - 40GHz



Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-2C,  
Measurement range = 26GHz - 40GHz



Radio Technology = WLAN a, Operating Frequency = mid, Subband = U-NII-3,  
Measurement range = 26GHz - 40GHz



#### 5.7.5 TEST EQUIPMENT USED

- Radiated Emissions SAC H-Field
- Radiated Emissions FAR 5 GHz FCC
- Radiated Emissions SAC up to 1 GHz

## 5.8 BAND EDGE

Standard **FCC Part 15 Subpart E**

**The test was performed according to:**

ANSI C63.10, chapter 6.6.5

### 5.8.1 TEST DESCRIPTION

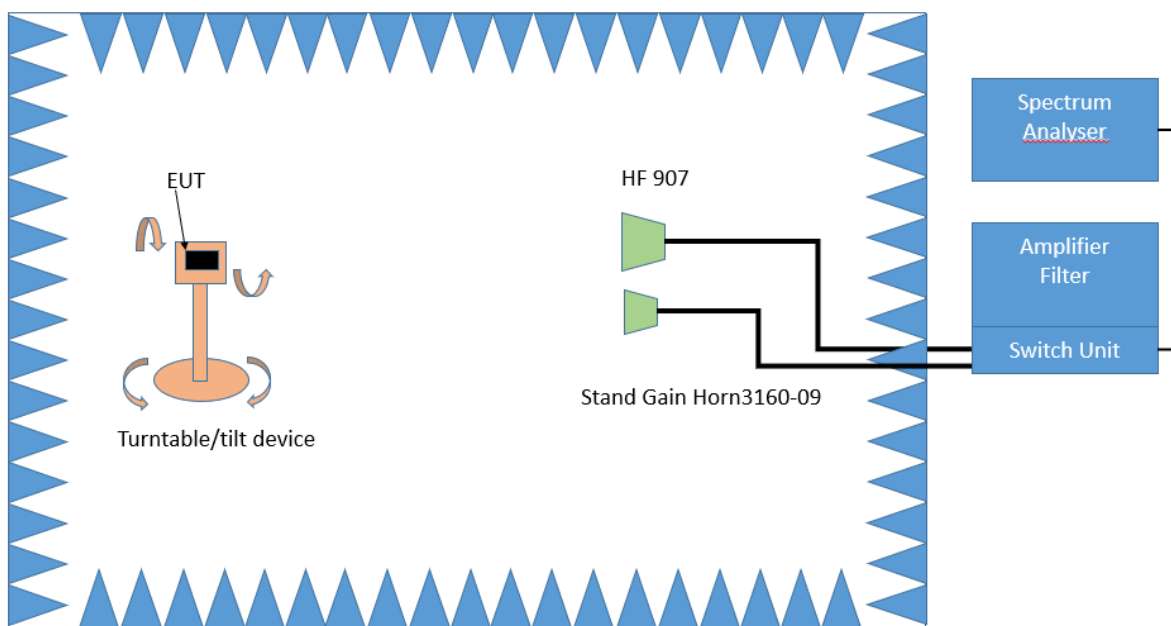
The test set-up was made in accordance to the general provisions of ANSI C63.10 in a typical installation configuration. The measurements were performed according the following sub-chapter of ANSI C63.10:

- Chapter 6.10.5

The Equipment Under Test (EUT) was set up on a non-conductive support (tilt device) at 1.5 m height in the fully-anechoic chamber.

All steps were performed with one height (1.5 m) of the receiving antenna only (procedure according ANSI C63.10, chapter 6.6.5).

### 3. Measurement above 1 GHz



Test Setup; Spurious Emission Radiated (FAC), 1 GHz-26.5 GHz

#### Step 1:

The EUT is turned during the preliminary measurement across the elevation axis, with a step size of 90 °.

The turn table step size (azimuth angle) for the preliminary measurement is 45 °.

Spectrum analyser settings:

- Detector: Peak, Average
- RBW = 1 MHz
- VBW = 3 MHz

#### Step 2:

The turn table azimuth will slowly vary by  $\pm 22.5^\circ$ .

The elevation angle will slowly vary by  $\pm 45^\circ$

Spectrum analyser settings:

- Detector: Peak

### Step 3:

Spectrum analyser settings for step 3:

- Detector: Peak / CISPR Average
- Measured frequencies: in step 1 determined frequencies
- RBW = 1 MHz
- VBW = 3 MHz
- Measuring time: 1 s

## 5.8.2 TEST REQUIREMENTS / LIMITS

### A) FCC

FCC Part 15 Subpart E, §15.407 (b)(1)

For transmitters operating in the 5150–5250 MHz band:

Limit: –27 dBm/MHz EIRP outside of the band 5150–5350 MHz.

FCC Part 15 Subpart E, §15.407 (b)(2)

For transmitters operating in the 5250–5350 MHz band:

Limit: –27 dBm/MHz EIRP outside of the band 5150–5350 MHz.

FCC Part 15 Subpart E, §15.407 (b)(3)

For transmitters operating in the 5470–5725 MHz band:

Limit: –27 dBm/MHz EIRP outside of the band 5470–5725 MHz.

FCC Part 15 Subpart E, §15.407 (b)(4)

For transmitters operating in the 5725–5850 MHz band:

Limit: –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  
increasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edge  
increasing linearly to 27 dBm/MHz at the band edge.

FCC Part 15 Subpart E, §15.407 (b) (5)

For transmitters operating within the 5.925–7.125 GHz band:

Limit: –27 dBm/MHz EIRP outside of the band 5.925–7.125 GHz.

FCC Part 15 Subpart E, §15.407 (b) (6)

For transmitters operating within the 5.925–7.125 GHz bands:

Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

### B) IC

Different frequency bands and limits apply, as compared to the FCC requirements.

RSS-247, 6.2.1.2, Emissions outside the band 5150-5250 MHz, indoor operation only:  
 Limit: -27 dBm/MHz EIRP outside of the band 5150-5250 MHz.

RSS-247, 6.2.2.2, Emissions outside the band 5250-5350 MHz:  
 Limit: -27 dBm/MHz EIRP outside of the band 5250-5350 MHz.

RSS-247, 6.2.3.2, Emissions outside the bands 5470-5600 MHz and 5650-5725 MHz:  
 Limit: -27 dBm/MHz EIRP outside of the band 5470-5725 MHz.  
 However, devices with bandwidth overlapping the band edge of 5725 MHz can meet the emission limit of -27 dBm/MHz e.i.r.p.at 5850 MHz instead of 5725 MHz.

Note: No operation is permitted for the frequency range 5600-5650 MHz.

RSS-247, 6.2.4.2, Emissions outside the band 5725-5850 MHz:

- a. 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 Bm/MHz at 5 MHz above or below the band edges;
- b. 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c. 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d. -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

### C) FCC & IC

For band edges connected to a restricted band, the limits are specified in Section 15.209(a)

FCC Part 15, Subpart C, §15.209, Radiated Emission Limits

Frequency in MHz	Limit ( $\mu\text{V}/\text{m}$ )	Measurement distance (m)	Limits ( $\text{dB}\mu\text{V}/\text{m}$ )
0.009 - 0.49	2400/F(kHz)@300m	3	(48.5 - 13.8)@300m
0.49 - 1.705	24000/F(kHz)@30m	3	(33.8 - 23.0)@30m
1.705 - 30	30@30m	3	29.5@30m

The measured values are corrected with an inverse linear distance extrapolation factor (40 dB/decade) according FCC 15.31 (2).

Frequency in MHz	Limit ( $\mu\text{V}/\text{m}$ )	Measurement distance (m)	Limits ( $\text{dB}\mu\text{V}/\text{m}$ )
30 - 88	100@3m	3	40.0@3m
88 - 216	150@3m	3	43.5@3m
216 - 960	200@3m	3	46.0@3m
960 - 26000	500@3m	3	54.0@3m
26000 - 40000	500@3m	1	54.0@3m

The measured values above 26 GHz are corrected with an inverse linear distance extrapolation factor (20 dB/decade).

§15.35(b) ..., there is also a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit....

Used conversion factor:  $\text{Limit (dB}\mu\text{V}/\text{m)} = 20 \log (\text{Limit } (\mu\text{V}/\text{m})/1\mu\text{V}/\text{m})$



### 5.8.3 TEST PROTOCOL

Ambient temperature: 24-26 °C  
 Air Pressure: 990-1013 hPa  
 Humidity: 36-40 %

#### **S02 AD01**

WLAN a-Mode; 20 MHz; 54 Mbit/s  
 Applied duty cycle correction (AV): 0.7 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrect. [dBμV/m]
1	36	5180	5150.0	58.3	PEAK	1000	74.0	15.7	BE-RB	FCC&IC	58.3
1	36	5180	5150.0	45.8	AV	1000	54.0	8.2	BE-RB	FCC&IC	45.1
2A	64	5320	5350.0	60.2	PEAK	1000	74.0	13.8	BE-RB	FCC&IC	60.2
2A	64	5320	5350.0	46.4	AV	1000	54.0	7.6	BE-RB	FCC&IC	45.7
2C	100	5500	5460.0	63.2	PEAK	1000	74.0	10.8	BE-RB	FCC&IC	63.2
2C	100	5500	5460.0	46.5	AV	1000	54.0	7.5	BE-RB	FCC&IC	45.8
2C	100	5500	5470.0	63.8	PEAK	1000	68.2	4.4	BE-UE	FCC&IC	63.8
2C	140	5700	5725.0	67.7	PEAK	1000	68.2	0.5	BE-UE	FCC&IC	67.7
3	149	5745	5725.0	73.6	PEAK	1000	120.6	47.0	BE-UE	FCC&IC	73.6
3	165	5825	5850.0	65.9	PEAK	1000	121.7	55.8	BE-UE	FCC&IC	65.9

WLAN n-Mode; 20 MHz; MCS 7; SISO  
 Applied duty cycle correction (AV): 0.7 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrect. [dBμV/m]
1	36	5180	5150.0	61.8	PEAK	1000	74.0	12.2	BE-RB	FCC&IC	61.8
1	36	5180	5150.0	46.7	AV	1000	54.0	7.3	BE-RB	FCC&IC	46
2A	64	5320	5350.0	61.5	PEAK	1000	74.0	12.5	BE-RB	FCC&IC	61.5
2A	64	5320	5350.0	47.1	AV	1000	54.0	6.9	BE-RB	FCC&IC	46.4
2C	100	5500	5460.0	64.9	PEAK	1000	74.0	9.1	BE-RB	FCC&IC	64.9
2C	100	5500	5460.0	46.5	AV	1000	54.0	7.5	BE-RB	FCC&IC	45.8
2C	100	5500	5470.0	65.6	PEAK	1000	68.2	2.6	BE-UE	FCC&IC	65.6
2C	140	5700	5725.0	67.9	PEAK	1000	68.2	0.3	BE-UE	FCC&IC	67.9
3	149	5745	5725.0	73.3	PEAK	1000	122.2	48.9	BE-UE	FCC&IC	73.3
3	165	5825	5850.0	58.5	PEAK	1000	122.2	63.7	BE-UE	FCC&IC	58.5

WLAN n-Mode; 40 MHz; MCS 7; SISO  
 Applied duty cycle correction (AV): 1.2 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrect. [dBμV/m]
1	38	5190	5150.0	57.5	PEAK	1000	74.0	16.5	BE-RB	FCC&IC	57.5
1	38	5190	5150.0	45.7	AV	1000	54.0	8.3	BE-RB	FCC&IC	44.5
2A	62	5310	5350.0	60.4	PEAK	1000	74.0	13.6	BE-RB	FCC&IC	60.4
2A	62	5310	5350.0	47.6	AV	1000	54.0	6.4	BE-RB	FCC&IC	46.4
2C	102	5510	5460.0	57.9	PEAK	1000	74.0	16.1	BE-RB	FCC&IC	57.9
2C	102	5510	5460.0	46.4	AV	1000	54.0	7.6	BE-RB	FCC&IC	45.2
2C	102	5510	5470.0	58.4	PEAK	1000	68.2	9.8	BE-UE	FCC&IC	58.4
2C	134	5670	5725.0	58.1	PEAK	1000	68.2	10.1	BE-UE	FCC&IC	58.1
3	151	5755	5725.0	61.6	PEAK	1000	119.9	58.3	BE-UE	FCC&IC	61.6
3	159	5795	5850.0	58.3	PEAK	1000	121.7	63.4	BE-UE	FCC&IC	58.3

WLAN ac-Mode; 20 MHz; MCS 8; SISO  
 Applied duty cycle correction (AV): 0.9 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	36	5180	5150.0	58.6	PEAK	1000	74.0	15.4	BE-RB	FCC&IC	58.6
1	36	5180	5150.0	45.6	AV	1000	54.0	8.4	BE-RB	FCC&IC	44.9
2A	64	5320	5350.0	58.4	PEAK	1000	74.0	15.6	BE-RB	FCC&IC	58.4
2A	64	5320	5350.0	45.7	AV	1000	54.0	8.3	BE-RB	FCC&IC	45
2C	100	5500	5460.0	57.7	PEAK	1000	74.0	16.3	BE-RB	FCC&IC	57.7
2C	100	5500	5460.0	45.7	AV	1000	54.0	8.3	BE-RB	FCC&IC	45
2C	100	5500	5470.0	61.1	PEAK	1000	68.2	7.1	BE-UE	FCC&IC	61.1
2C	140	5700	5725.0	62.5	PEAK	1000	68.2	5.7	BE-UE	FCC&IC	62.5
3	149	5745	5725.0	73.7	PEAK	1000	122.2	48.5	BE-UE	FCC&IC	73.7
3	165	5825	5850.0	66.7	PEAK	1000	122.2	55.5	BE-UE	FCC&IC	66.7

WLAN ac-Mode; 40 MHz; MCS 9; SISO  
 Applied duty cycle correction (AV): 1.4 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	38	5190	5150.0	58.4	PEAK	1000	74.0	15.6	BE-RB	FCC&IC	58.4
1	38	5190	5150.0	46.3	AV	1000	54.0	7.7	BE-RB	FCC&IC	45.1
2A	62	5310	5350.0	61.0	PEAK	1000	74.0	13.0	BE-RB	FCC&IC	61
2A	62	5310	5350.0	48.3	AV	1000	54.0	5.7	BE-RB	FCC&IC	47.1
2C	102	5510	5460.0	57.8	PEAK	1000	74.0	16.2	BE-RB	FCC&IC	57.8
2C	102	5510	5460.0	46.5	AV	1000	54.0	7.5	BE-RB	FCC&IC	45.3
2C	102	5510	5470.0	60.2	PEAK	1000	68.2	8.0	BE-UE	FCC&IC	60.2
2C	134	5670	5725.0	58.3	PEAK	1000	68.2	9.9	BE-UE	FCC&IC	58.3
3	151	5755	5725.0	61.4	PEAK	1000	122.2	60.8	BE-UE	FCC&IC	61.4
3	159	5795	5850.0	58.9	PEAK	1000	117.4	58.5	BE-UE	FCC&IC	58.9

WLAN ac-Mode; 80 MHz; MCS 9; SISO  
 Applied duty cycle correction (AV): 2.1 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	42	5210	5150.0	58.8	PEAK	1000	74.0	15.2	BE-RB	FCC&IC	58.8
1	42	5210	5150.0	47.2	AV	1000	54.0	6.8	BE-RB	FCC&IC	45.1
2A	58	5290	5350.0	59.7	PEAK	1000	74.0	14.3	BE-RB	FCC&IC	59.7
2A	58	5290	5350.0	47.8	AV	1000	54.0	6.2	BE-RB	FCC&IC	45.7
2C	106	5530	5460.0	58.9	PEAK	1000	74.0	15.1	BE-RB	FCC&IC	58.9
2C	106	5530	5460.0	47.9	AV	1000	54.0	6.1	BE-RB	FCC&IC	45.8
2C	106	5530	5470.0	58.0	PEAK	1000	68.2	10.2	BE-UE	FCC&IC	58
3	155	5775	5725.0	62.4	PEAK	1000	122.2	59.8	BE-UE	FCC&IC	62.4
3	155	5775	5850.0	62.2	PEAK	1000	122.2	60.0	BE-UE	FCC&IC	62.2

WLAN ax-Mode; 20 MHz; MCS 9; SISO  
Applied duty cycle correction (AV): 1 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBµV/m]	Detector	RBW [kHz]	Limit [dBµV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBµV/m]
1	36	5180	5150.0	56.4	PEAK	1000	74.0	17.6	BE-RB	FCC&IC	56.4
1	36	5180	5150.0	44.3	AV	1000	54.0	9.7	BE-RB	FCC&IC	43.6
2A	64	5320	5350.0	57.8	PEAK	1000	74.0	16.2	BE-RB	FCC&IC	57.8
2A	64	5320	5350.0	45.5	AV	1000	54.0	8.5	BE-RB	FCC&IC	44.8
2C	100	5500	5460.0	58.0	PEAK	1000	74.0	16.0	BE-RB	FCC&IC	58
2C	100	5500	5460.0	45.7	AV	1000	54.0	8.3	BE-RB	FCC&IC	45
2C	100	5500	5470.0	57.2	PEAK	1000	68.2	11.0	BE-UE	FCC&IC	57.2
2C	140	5700	5725.0	61.7	PEAK	1000	68.2	6.5	BE-UE	FCC&IC	61.7
3	149	5745	5725.0	64.2	PEAK	1000	122.2	58.0	BE-UE	FCC&IC	64.2
3	165	5825	5850.0	63.3	PEAK	1000	122.2	58.9	BE-UE	FCC&IC	63.3

WLAN ax-Mode; 40 MHz; MCS 9; SISO  
Applied duty cycle correction (AV): 1.3 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBµV/m]	Detector	RBW [kHz]	Limit [dBµV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBµV/m]
1	38	5190	5150.0	59.8	PEAK	1000	74.0	14.2	BE-RB	FCC&IC	59.8
1	38	5190	5150.0	46.6	AV	1000	54.0	7.4	BE-RB	FCC&IC	45.4
2A	62	5310	5350.0	60.4	PEAK	1000	74.0	13.6	BE-RB	FCC&IC	60.4
2A	62	5310	5350.0	47.1	AV	1000	54.0	6.9	BE-RB	FCC&IC	45.9
2C	102	5510	5460.0	58.5	PEAK	1000	74.0	15.5	BE-RB	FCC&IC	58.5
2C	102	5510	5460.0	46.3	AV	1000	54.0	7.7	BE-RB	FCC&IC	45.1
2C	102	5510	5470.0	58.1	PEAK	1000	68.2	10.1	BE-UE	FCC&IC	58.1
2C	134	5670	5725.0	57.1	PEAK	1000	68.2	11.1	BE-UE	FCC&IC	57.1
3	151	5755	5725.0	58.5	PEAK	1000	121.3	62.8	BE-UE	FCC&IC	58.5
3	159	5795	5850.0	58.3	PEAK	1000	118.3	60.0	BE-UE	FCC&IC	58.3

WLAN ax-Mode; 80 MHz; MCS 9; SISO  
Applied duty cycle correction (AV): 1.6 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBµV/m]	Detector	RBW [kHz]	Limit [dBµV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBµV/m]
1	42	5210	5150.0	59.2	PEAK	1000	74.0	14.8	BE-RB	FCC&IC	59.2
1	42	5210	5150.0	47.1	AV	1000	54.0	6.9	BE-RB	FCC&IC	45
2A	58	5290	5350.0	61.0	PEAK	1000	74.0	13.0	BE-RB	FCC&IC	61
2A	58	5290	5350.0	47.3	AV	1000	54.0	6.7	BE-RB	FCC&IC	45.2
2C	106	5530	5460.0	59.3	PEAK	1000	74.0	14.7	BE-RB	FCC&IC	59.3
2C	106	5530	5460.0	47.7	AV	1000	54.0	6.3	BE-RB	FCC&IC	45.6
2C	106	5530	5470.0	57.5	PEAK	1000	68.2	10.7	BE-UE	FCC&IC	57.5
3	155	5775	5725.0	62.9	PEAK	1000	122.2	59.3	BE-UE	FCC&IC	62.9
3	155	5775	5850.0	62.5	PEAK	1000	122.2	59.7	BE-UE	FCC&IC	62.5

### S03 AD01

WLAN a-Mode; 20 MHz; 54 Mbit/s  
Applied duty cycle correction (AV): 0.7 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	36	5180	5150.0	59.1	PEAK	1000	74.0	14.9	BE-RB	FCC&IC	59.1
1	36	5180	5150.0	46.1	AV	1000	54.0	7.9	BE-RB	FCC&IC	45.4
2A	64	5320	5350.0	60.2	PEAK	1000	74.0	13.8	BE-RB	FCC&IC	60.2
2A	64	5320	5350.0	46.7	AV	1000	54.0	7.3	BE-RB	FCC&IC	46
2C	100	5500	5460.0	57.8	PEAK	1000	74.0	16.2	BE-RB	FCC&IC	57.8
2C	100	5500	5460.0	46.0	AV	1000	54.0	8.0	BE-RB	FCC&IC	45.3
2C	100	5500	5470.0	62.1	PEAK	1000	68.2	6.1	BE-UE	FCC&IC	62.1
2C	140	5700	5725.0	65.2	PEAK	1000	68.2	3.0	BE-UE	FCC&IC	65.2
3	149	5745	5725.0	71.6	PEAK	1000	122.2	50.6	BE-UE	FCC&IC	71.6
3	165	5825	5850.0	64.5	PEAK	1000	122.2	57.7	BE-UE	FCC&IC	64.5

WLAN n-Mode; 20 MHz; MCS 7; SISO  
Applied duty cycle correction (AV): 0.7 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	36	5180	5150.0	61.8	PEAK	1000	74.0	12.2	BE-RB	FCC&IC	61.8
1	36	5180	5150.0	46.4	AV	1000	54.0	7.6	BE-RB	FCC&IC	45.7
2A	64	5320	5350.0	60.2	PEAK	1000	74.0	13.8	BE-RB	FCC&IC	60.2
2A	64	5320	5350.0	46.8	AV	1000	54.0	7.2	BE-RB	FCC&IC	46.1
2C	100	5500	5460.0	62.8	PEAK	1000	74.0	11.2	BE-RB	FCC&IC	62.8
2C	100	5500	5460.0	46.0	AV	1000	54.0	8.0	BE-RB	FCC&IC	45.3
2C	100	5500	5470.0	64.4	PEAK	1000	68.2	3.8	BE-UE	FCC&IC	64.4
2C	140	5700	5725.0	66.7	PEAK	1000	68.2	1.5	BE-UE	FCC&IC	66.7
3	149	5745	5725.0	73.0	PEAK	1000	122.2	49.2	BE-UE	FCC&IC	73
3	165	5825	5850.0	71.3	PEAK	1000	122.2	50.9	BE-UE	FCC&IC	71.3

WLAN n-Mode; 40 MHz; MCS 7; SISO  
Applied duty cycle correction (AV): 1.2 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	38	5190	5150.0	60.5	PEAK	1000	74.0	13.5	BE-RB	FCC&IC	60.5
1	38	5190	5150.0	47.5	AV	1000	54.0	6.5	BE-RB	FCC&IC	46.3
2A	62	5310	5350.0	62.7	PEAK	1000	74.0	11.3	BE-RB	FCC&IC	62.7
2A	62	5310	5350.0	48.5	AV	1000	54.0	5.6	BE-RB	FCC&IC	47.25
2C	102	5510	5460.0	58.2	PEAK	1000	74.0	15.8	BE-RB	FCC&IC	58.2
2C	102	5510	5460.0	46.8	AV	1000	54.0	7.2	BE-RB	FCC&IC	45.6
2C	102	5510	5470.0	58.9	PEAK	1000	68.2	9.3	BE-UE	FCC&IC	58.9
2C	134	5670	5725.0	58.3	PEAK	1000	68.2	9.9	BE-UE	FCC&IC	58.3
3	151	5755	5725.0	61.8	PEAK	1000	122.2	60.4	BE-UE	FCC&IC	61.8
3	159	5795	5850.0	59.2	PEAK	1000	122.2	63.0	BE-UE	FCC&IC	59.2

WLAN ac-Mode; 20 MHz; MCS 8; SISO  
Applied duty cycle correction (AV): 0.9 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	36	5180	5150.0	59.1	PEAK	1000	74.0	14.9	BE-RB	FCC&IC	59.1
1	36	5180	5150.0	46.1	AV	1000	54.0	7.9	BE-RB	FCC&IC	45.4
2A	64	5320	5350.0	59.2	PEAK	1000	74.0	14.8	BE-RB	FCC&IC	59.2
2A	64	5320	5350.0	45.8	AV	1000	54.0	8.2	BE-RB	FCC&IC	45.1
2C	100	5500	5460.0	58.8	PEAK	1000	74.0	15.2	BE-RB	FCC&IC	58.8
2C	100	5500	5460.0	46.0	AV	1000	54.0	8.0	BE-RB	FCC&IC	45.3
2C	100	5500	5470.0	61.9	PEAK	1000	68.2	6.3	BE-UE	FCC&IC	61.9
2C	140	5700	5725.0	64.2	PEAK	1000	68.2	4.0	BE-UE	FCC&IC	64.2
3	149	5745	5725.0	67.4	PEAK	1000	122.2	54.8	BE-UE	FCC&IC	67.4
3	165	5825	5850.0	63.1	PEAK	1000	122.2	59.1	BE-UE	FCC&IC	63.1

WLAN ac-Mode; 40 MHz; MCS 9; SISO  
Applied duty cycle correction (AV): 1.4 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	38	5190	5150.0	60.6	PEAK	1000	74.0	13.4	BE-RB	FCC&IC	60.6
1	38	5190	5150.0	47.7	AV	1000	54.0	6.3	BE-RB	FCC&IC	46.5
2A	62	5310	5350.0	61.6	PEAK	1000	74.0	12.4	BE-RB	FCC&IC	61.6
2A	62	5310	5350.0	47.8	AV	1000	54.0	6.2	BE-RB	FCC&IC	46.6
2C	102	5510	5460.0	59.3	PEAK	1000	74.0	14.7	BE-RB	FCC&IC	59.3
2C	102	5510	5460.0	46.7	AV	1000	54.0	7.3	BE-RB	FCC&IC	45.5
2C	102	5510	5470.0	59.7	PEAK	1000	68.2	8.5	BE-UE	FCC&IC	59.7
2C	134	5670	5725.0	58.4	PEAK	1000	68.2	9.8	BE-UE	FCC&IC	58.4
3	151	5755	5725.0	62.1	PEAK	1000	122.2	60.1	BE-UE	FCC&IC	62.1
3	159	5795	5850.0	59.4	PEAK	1000	122.2	62.8	BE-UE	FCC&IC	59.4

WLAN ax-Mode; 20 MHz; MCS 9; SISO  
Applied duty cycle correction (AV): 1 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dBμV/m]	Detector	RBW [kHz]	Limit [dBμV/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dBμV/m]
1	36	5180	5150.0	57.5	PEAK	1000	74.0	16.5	BE-RB	FCC&IC	57.5
1	36	5180	5150.0	45.4	AV	1000	54.0	8.6	BE-RB	FCC&IC	44.7
2A	64	5320	5350.0	58.4	PEAK	1000	74.0	15.6	BE-RB	FCC&IC	58.4
2A	64	5320	5350.0	45.7	AV	1000	54.0	8.3	BE-RB	FCC&IC	45
2C	100	5500	5460.0	58.5	PEAK	1000	74.0	15.5	BE-RB	FCC&IC	58.5
2C	100	5500	5460.0	46.0	AV	1000	54.0	8.0	BE-RB	FCC&IC	45.3
2C	100	5500	5470.0	57.5	PEAK	1000	68.2	10.7	BE-UE	FCC&IC	57.5
2C	140	5700	5725.0	60.2	PEAK	1000	68.2	8.0	BE-UE	FCC&IC	60.2
3	149	5745	5725.0	64.5	PEAK	1000	122.2	57.7	BE-UE	FCC&IC	64.5
3	165	5825	5850.0	63.9	PEAK	1000	122.2	58.3	BE-UE	FCC&IC	63.9

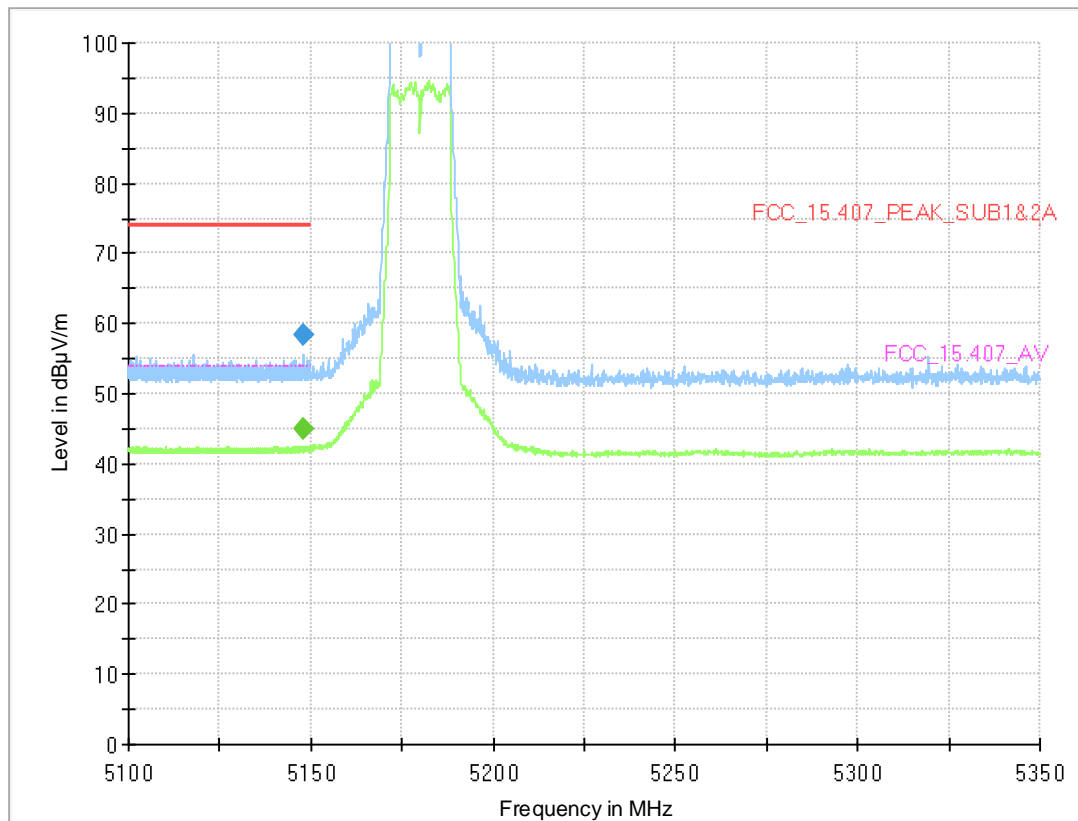
WLAN ax-Mode; 40 MHz; MCS 9; SISO  
Applied duty cycle correction (AV): 1.3 dB

U-NII-Subband	Ch. No.	Ch. Center Freq. [MHz]	Band Edge Freq. [MHz]	Spurious Level [dB $\mu$ V/m]	Detector	RBW [kHz]	Limit [dB $\mu$ V/m]	Margin [dB]	Limit Type	FCC/IC?	RSE Level uncorrected. [dB $\mu$ V/m]
1	38	5190	5150.0	58.7	PEAK	1000	74.0	15.3	BE-RB	FCC&IC	58.7
1	38	5190	5150.0	46.4	AV	1000	54.0	7.6	BE-RB	FCC&IC	45.2
2A	62	5310	5350.0	60.9	PEAK	1000	74.0	13.1	BE-RB	FCC&IC	60.9
2A	62	5310	5350.0	46.5	AV	1000	54.0	7.5	BE-RB	FCC&IC	45.3
2C	102	5510	5460.0	57.8	PEAK	1000	74.0	16.2	BE-RB	FCC&IC	57.8
2C	102	5510	5460.0	46.6	AV	1000	54.0	7.4	BE-RB	FCC&IC	45.4
2C	102	5510	5470.0	59.8	PEAK	1000	68.2	8.4	BE-UE	FCC&IC	59.8
2C	134	5670	5725.0	57.1	PEAK	1000	68.2	11.1	BE-UE	FCC&IC	57.1
3	151	5755	5725.0	62.8	PEAK	1000	121.6	58.8	BE-UE	FCC&IC	62.8
3	159	5795	5850.0	58.0	PEAK	1000	120.6	62.6	BE-UE	FCC&IC	58

Remark: Please see next sub-clause for the measurement plot.

### 5.8.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

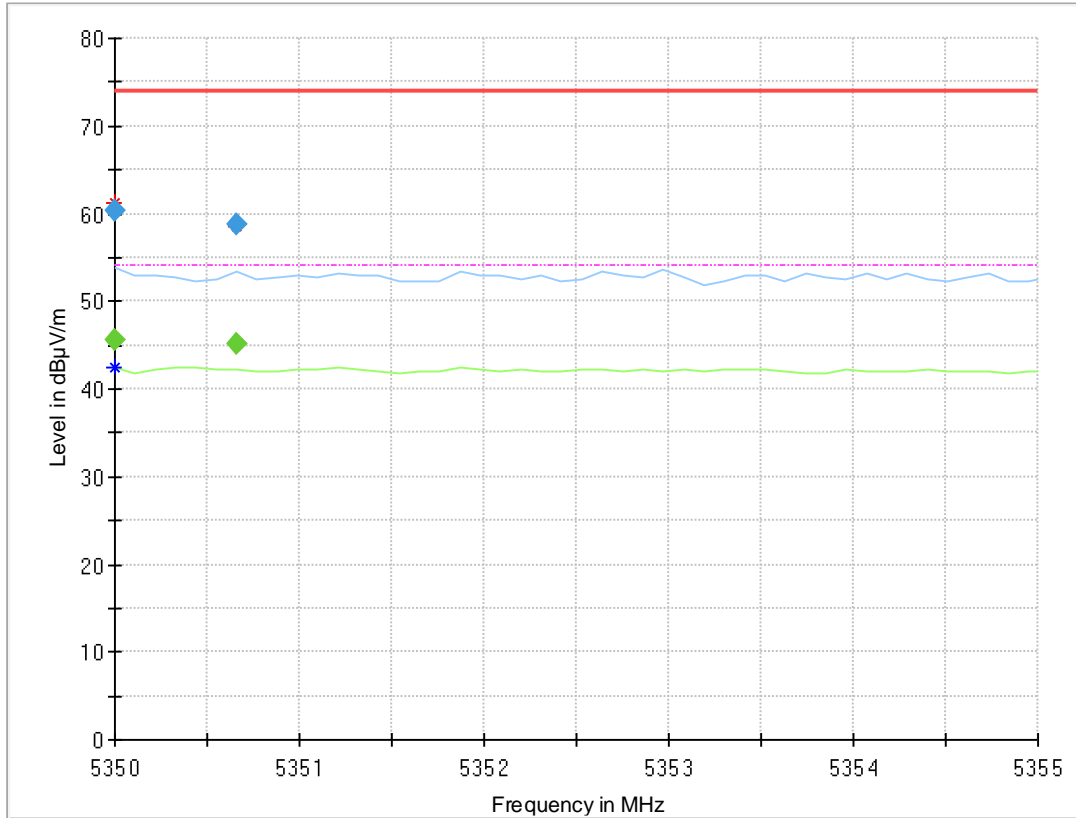
Radio Technology = WLAN a, Operating Frequency = low, Subband = U-NII-1 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5148.150	---	45.1	54.00	8.92	1000.0	1000.000	150.0	V	-89.0	-2.0	15.0
5148.150	58.3	---	74.00	15.73	1000.0	1000.000	150.0	V	-89.0	-2.0	15.0

Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-2A (S02\_AD01)



### Critical\_Freqs

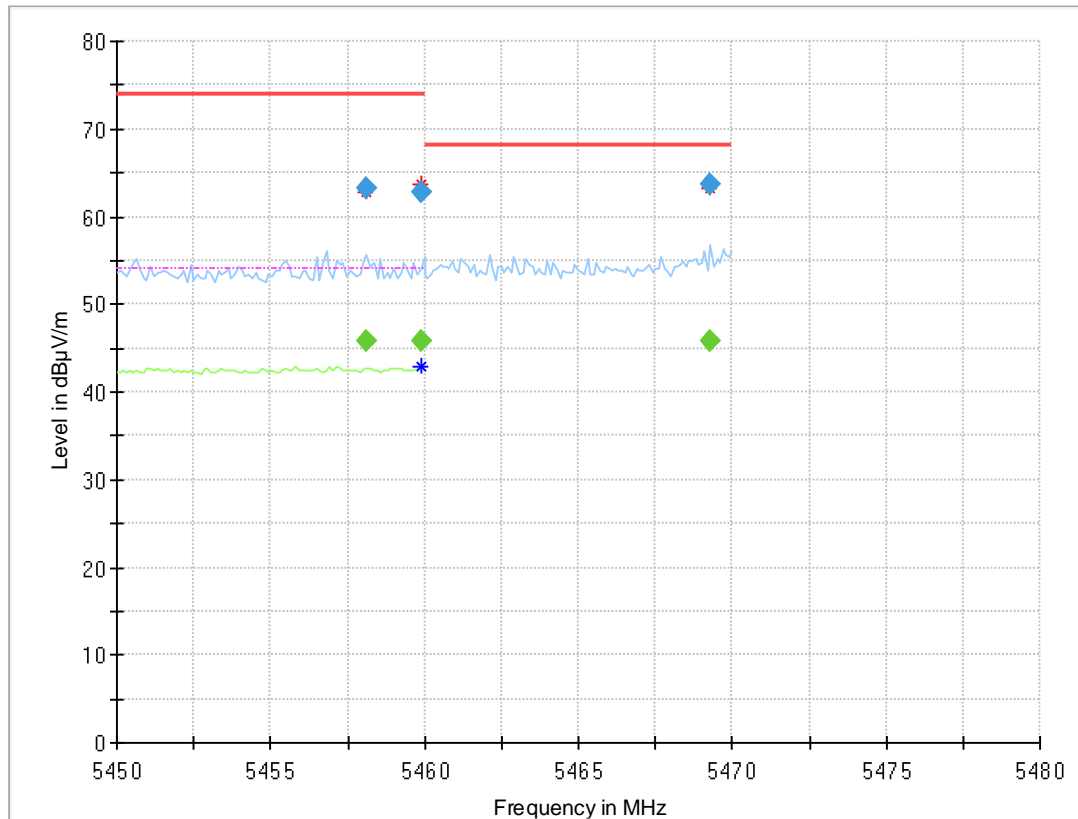
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5350.000	61.3	42.5	74.00	12.69	---	---	150.0	V	-92.0	12.0	15.3
5350.660	58.6	---	74.00	15.37	---	---	150.0	H	-55.0	105.0	15.3

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5350.000	---	45.7	54.00	8.34	1000.0	1000.000	150.0	V	-92.0	12.0	15.3
5350.000	60.2	---	74.00	13.76	1000.0	1000.000	150.0	V	-92.0	12.0	15.3
5350.660	---	45.2	54.00	8.75	1000.0	1000.000	150.0	H	-55.0	105.0	15.3
5350.660	58.8	---	74.00	15.16	1000.0	1000.000	150.0	H	-55.0	105.0	15.3



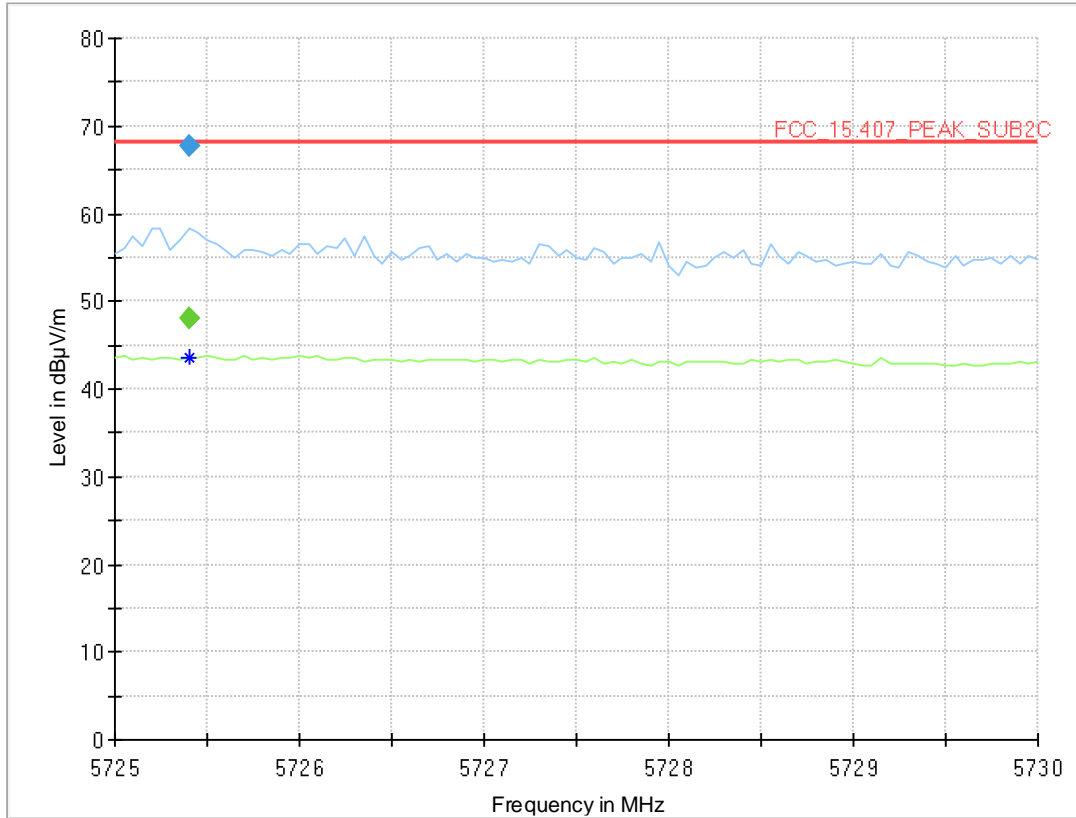
Radio Technology = WLAN a, Operating Frequency = low, Subband = U-NII-2C (S02\_AD01)



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5458.130	---	45.8	54.00	8.24	1000.0	1000.000	150.0	H	37.0	104.0	15.9
5458.130	63.2	---	74.00	10.78	1000.0	1000.000	150.0	H	37.0	104.0	15.9
5459.890	---	45.8	54.00	8.19	1000.0	1000.000	150.0	H	37.0	75.0	15.9
5459.890	62.7	---	74.00	11.27	1000.0	1000.000	150.0	H	37.0	75.0	15.9
5469.300	---	45.8	---	---	1000.0	1000.000	150.0	V	-90.0	-8.0	15.7
5469.300	63.8	---	68.20	4.44	1000.0	1000.000	150.0	V	-90.0	-8.0	15.7

Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-2C (S02\_AD01)



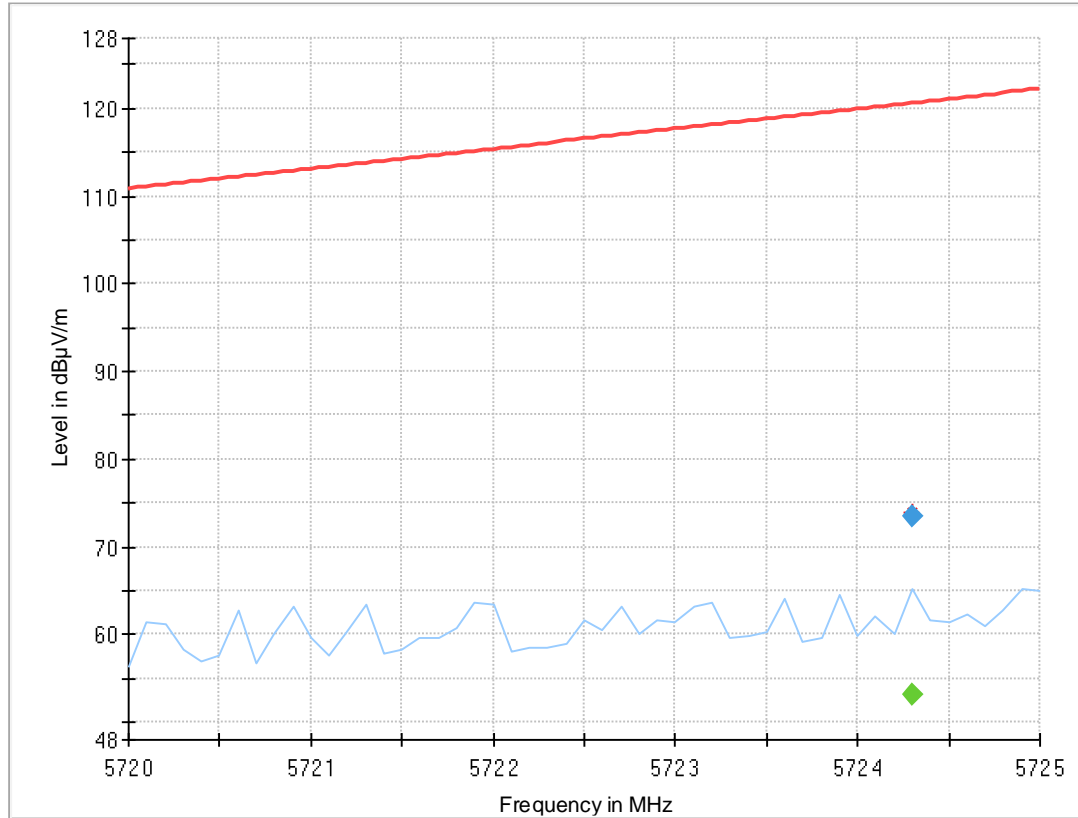
### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.400	67.7	43.5	68.20	-	---	---	150.0	H	81.0	92.0	15.6

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.400	---	48.0	---	---	1000.0	1000.000	150.0	H	81.0	92.0	15.6
5725.400	67.7	---	68.20	0.50	1000.0	1000.000	150.0	H	81.0	92.0	15.6

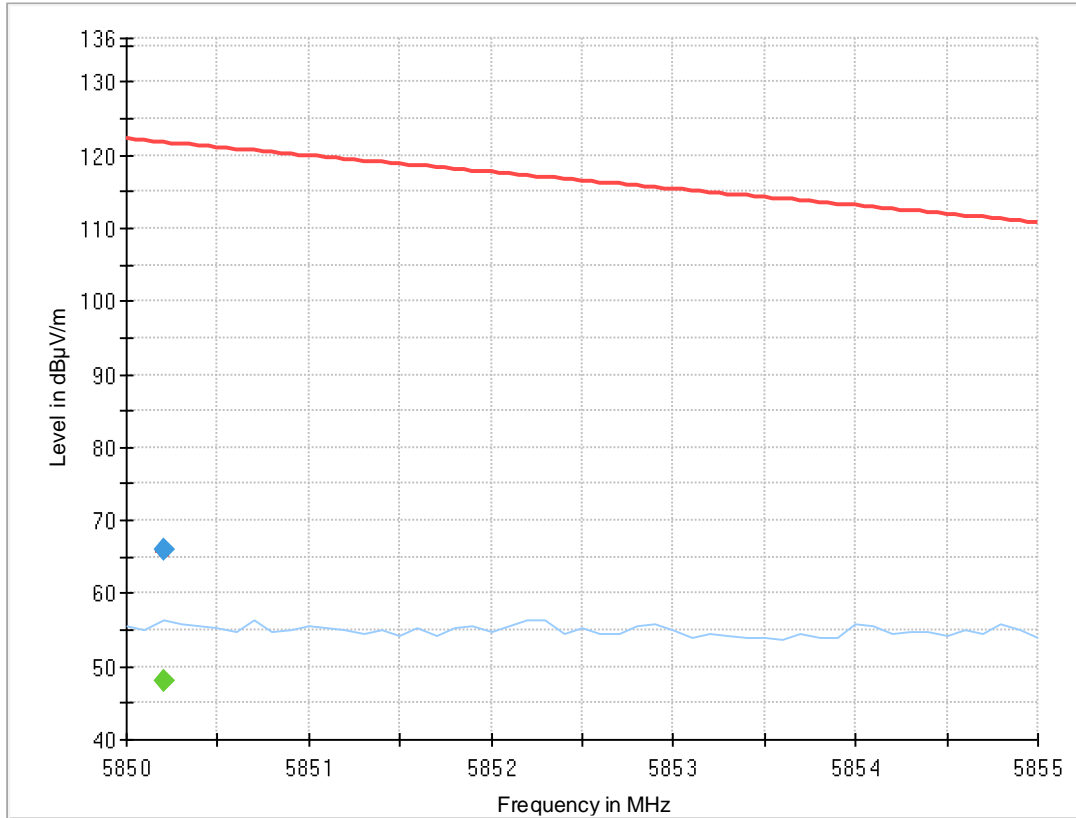
Radio Technology = WLAN a, Operating Frequency = low, Subband = U-NII-3 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5724.300	---	53.1	---	---	1000.0	1000.000	150.0	H	51.0	90.0	15.6
5724.300	73.6	---	120.6	47.03	1000.0	1000.000	150.0	H	51.0	90.0	15.6

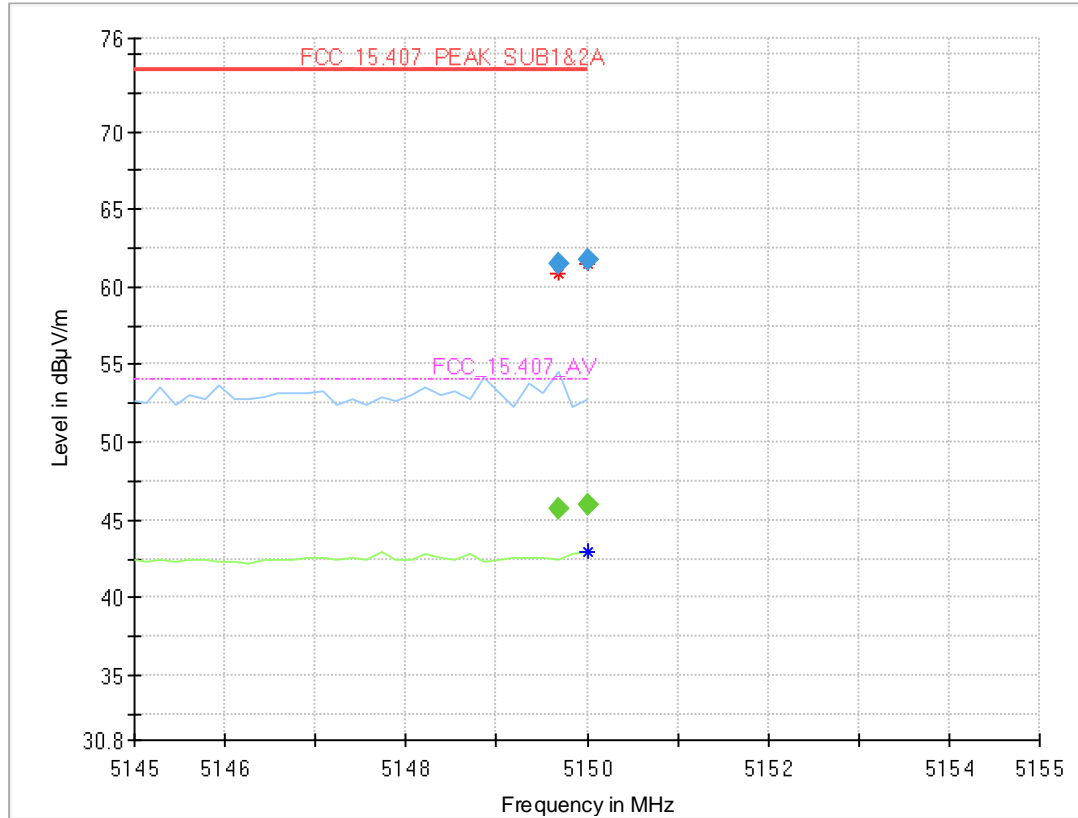
Radio Technology = WLAN a, Operating Frequency = high, Subband = U-NII-3 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5850.200	---	48.1	---	---	1000.0	1000.000	150.0	H	81.0	75.0	15.8
5850.200	65.9	---	121.7	55.82	1000.0	1000.000	150.0	H	81.0	75.0	15.8

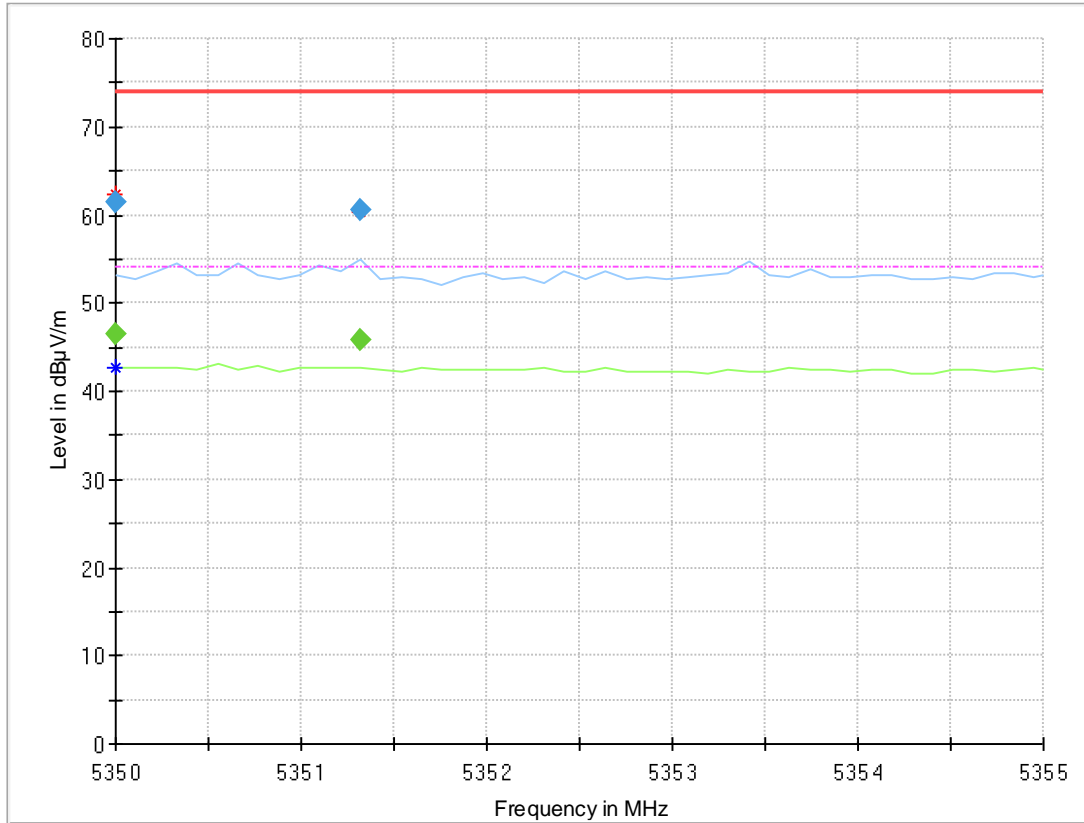
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-1 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5149.675	---	45.7	54.00	8.30	1000.0	1000.000	150.0	H	-46.0	95.0	15.0
5149.675	61.5	---	74.00	12.53	1000.0	1000.000	150.0	H	-46.0	95.0	15.0
5150.000	---	46.0	54.00	8.01	1000.0	1000.000	150.0	H	-45.0	89.0	15.0
5150.000	61.8	---	74.00	12.20	1000.0	1000.000	150.0	H	-45.0	89.0	15.0

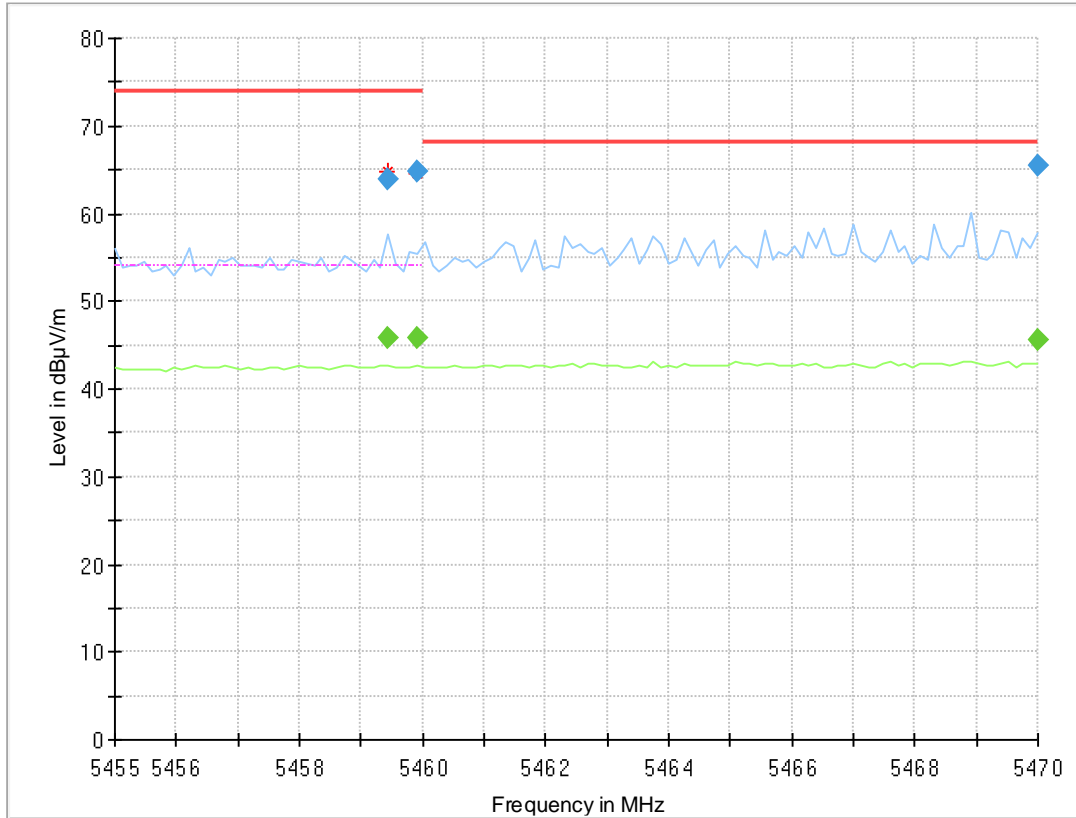
Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-2A (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5350.000	---	46.4	54.00	7.62	1000.0	1000.000	150.0	H	-52.0	96.0	15.3
5350.000	61.5	---	74.00	12.52	1000.0	1000.000	150.0	H	-52.0	96.0	15.3
5351.320	---	45.8	54.00	8.23	1000.0	1000.000	150.0	H	-46.0	97.0	15.3
5351.320	60.5	---	74.00	13.54	1000.0	1000.000	150.0	H	-46.0	97.0	15.3

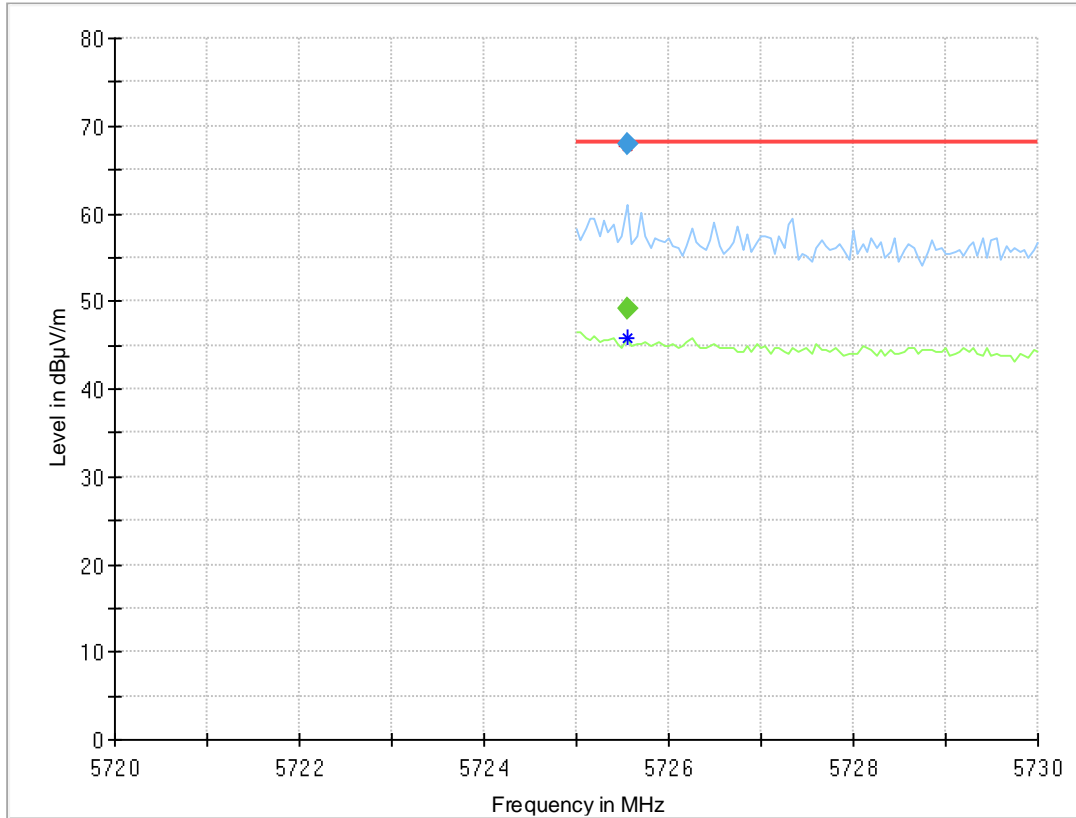
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-2C (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5459.440	---	45.8	54.00	8.24	1000.0	1000.000	150.0	H	50.0	86.0	15.9
5459.440	64.0	---	74.00	10.03	1000.0	1000.000	150.0	H	50.0	86.0	15.9
5459.920	---	45.8	54.00	8.19	1000.0	1000.000	150.0	H	-46.0	87.0	15.9
5459.920	64.9	---	74.00	9.15	1000.0	1000.000	150.0	H	-46.0	87.0	15.9
5470.000	---	45.6	---	---	1000.0	1000.000	150.0	V	-92.0	-1.0	15.7
5470.000	65.6	---	68.20	2.64	1000.0	1000.000	150.0	V	-92.0	-1.0	15.7
5727.900	---	44.8	---	---	1000.0	1000.000	150.0	V	-143.0	105.0	15.7
5727.900	58.1	---	68.20	10.14	1000.0	1000.000	150.0	V	-143.0	105.0	15.7
17031.371	---	44.0	---	---	1000.0	1000.000	150.0	H	44.0	15.0	0.3
17031.371	56.9	---	68.20	11.27	1000.0	1000.000	150.0	H	44.0	15.0	0.3

Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-2C (S02\_AD01)

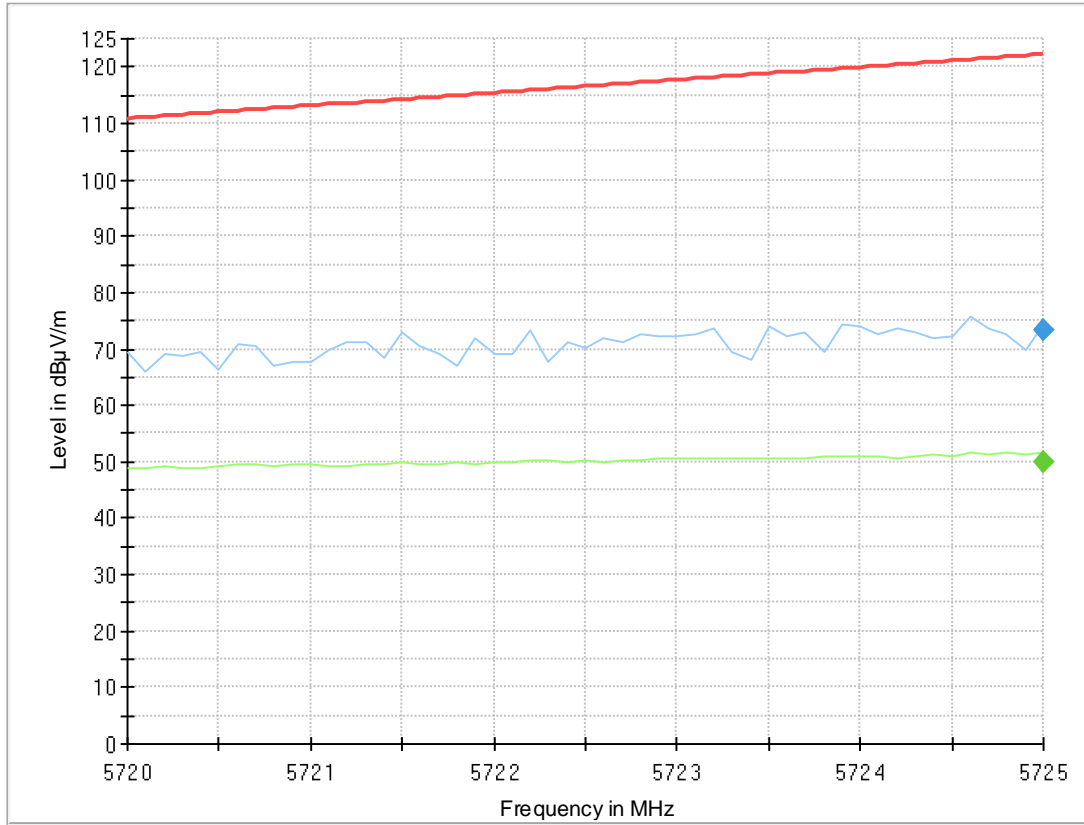


### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.550	---	49.2	---	---	1000.0	1000.000	150.0	H	56.0	75.0	15.6
5725.550	67.9	---	68.20	0.26	1000.0	1000.000	150.0	H	56.0	75.0	15.6



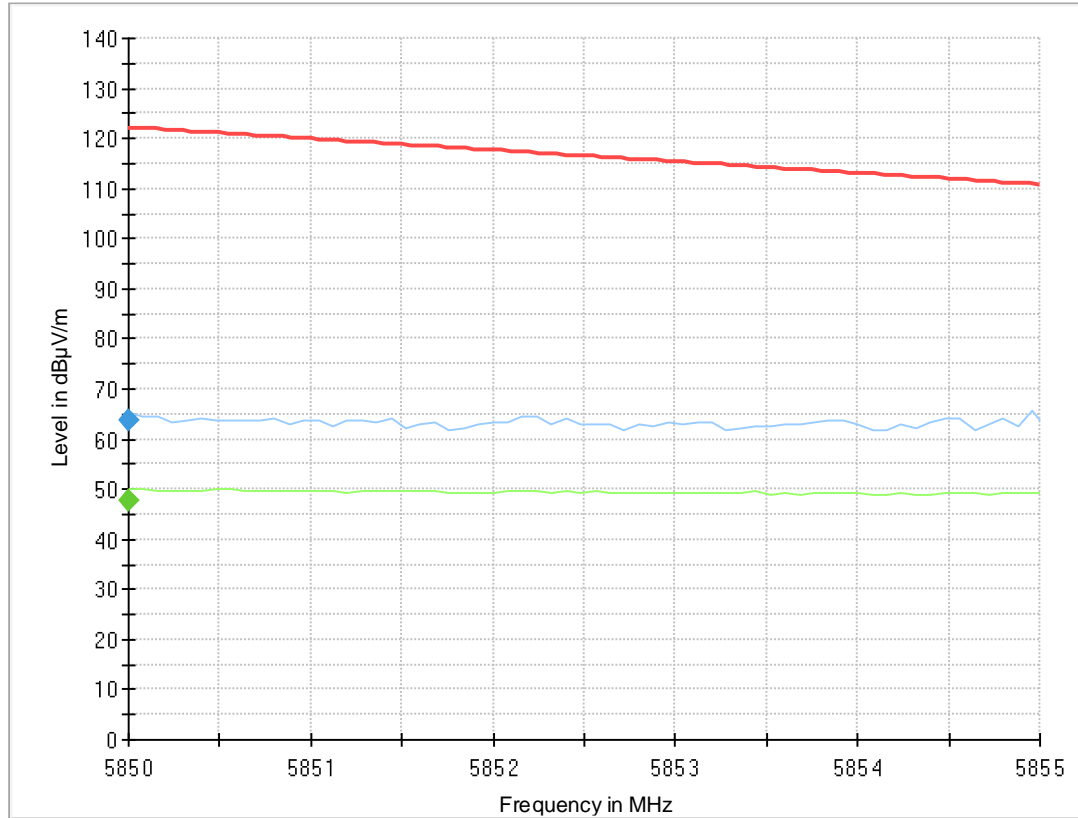
Radio Technology = WLAN n 20, Operating Frequency = low, Subband = U-NII-3 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.000	---	50.1	---	---	1000.0	1000.000	150.0	V	127.0	-5.0	15.6
5725.000	73.3	---	122.2	48.94	1000.0	1000.000	150.0	V	127.0	-5.0	15.6

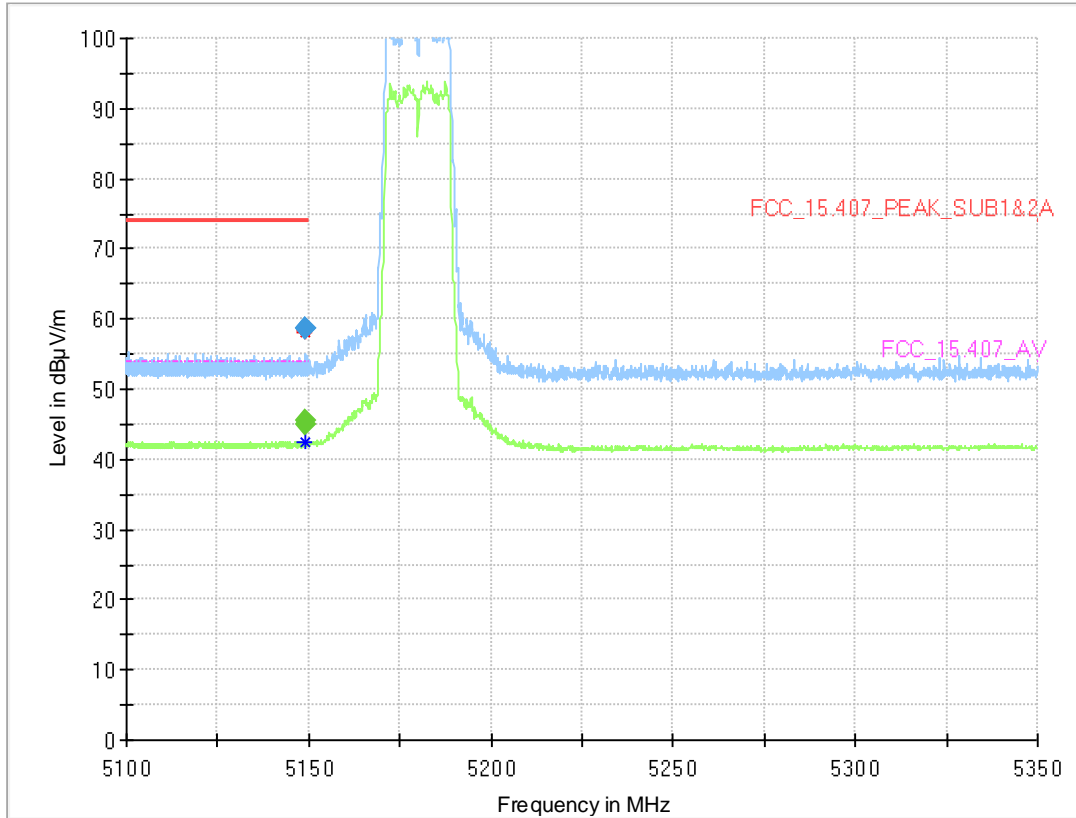
Radio Technology = WLAN n 20, Operating Frequency = high, Subband = U-NII-3 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5850.000	63.7	---	122.2	58.48	1000.0	1000.000	150.0	H	42.0	83.0	15.8
5850.000	---	47.7	---	---	1000.0	1000.000	150.0	H	42.0	83.0	15.8

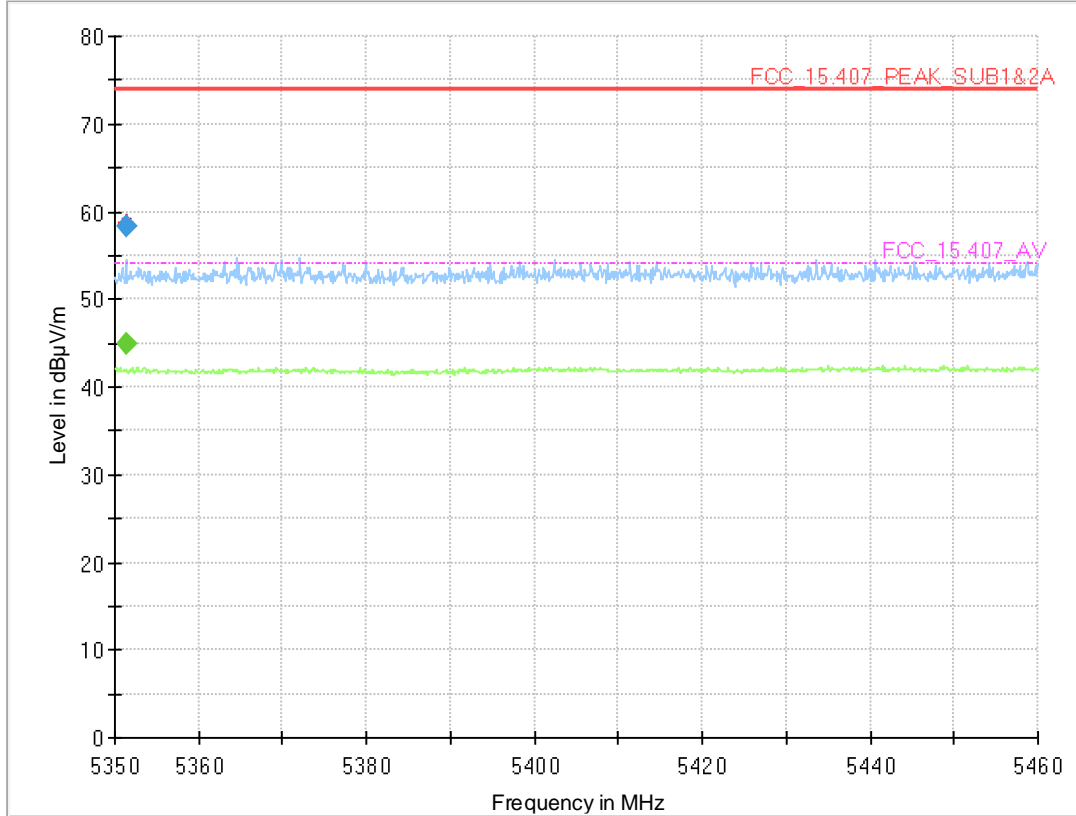
Radio Technology = WLAN ac 20, Operating Frequency = low, Subband = U-NII-1 (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5148.788	---	45.4	54.00	8.61	1000.0	1000.000	150.0	V	-184.0	-12.0	15.0
5148.788	58.8	---	74.00	15.23	1000.0	1000.000	150.0	V	-184.0	-12.0	15.0
5149.200	---	44.9	54.00	9.13	1000.0	1000.000	150.0	V	80.0	7.0	15.0
5149.200	58.6	---	74.00	15.43	1000.0	1000.000	150.0	V	80.0	7.0	15.0

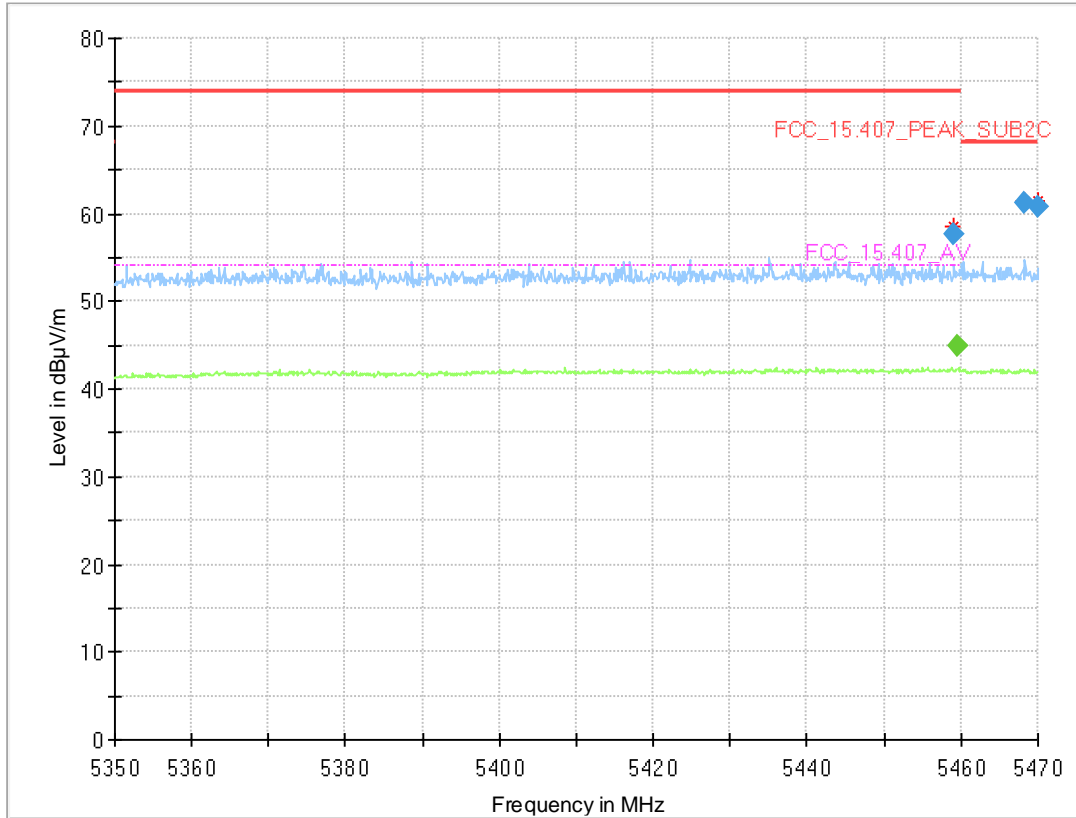
Radio Technology = WLAN ac 20, Operating Frequency = high, Subband = U-NII-2A (S02\_AD01)



**Final\_Result**

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5351.320	---	45.0	54.00	9.00	1000.0	1000.000	150.0	V	86.0	0.0	15.3
5351.320	58.4	---	74.00	15.62	1000.0	1000.000	150.0	V	86.0	0.0	15.3

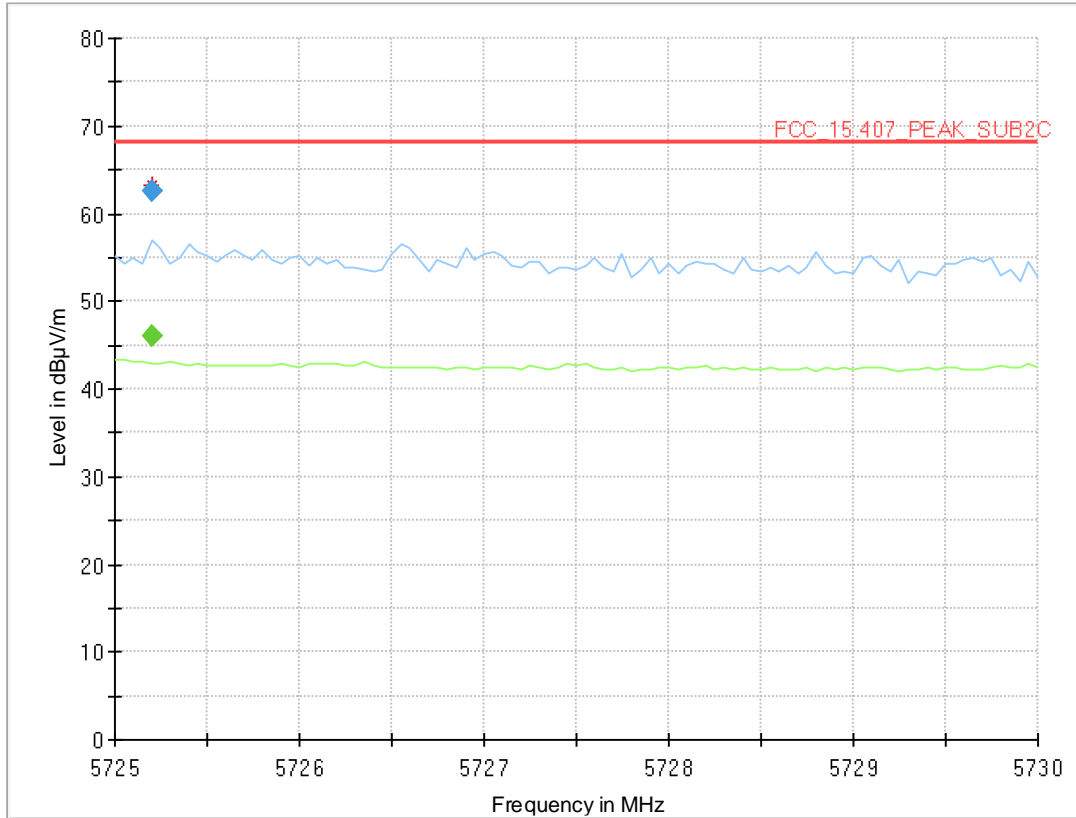
Radio Technology = WLAN ac 20, Operating Frequency = low, Subband = U-NII-2C (S02\_AD01)



### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5459.120	57.7	---	74.00	16.26	1000.0	1000.000	150.0	V	82.0	105.0	15.9
5459.560	---	45.0	54.00	8.99	1000.0	1000.000	150.0	V	-89.0	-8.0	15.9
5468.300	61.1	---	68.20	7.07	1000.0	1000.000	150.0	H	56.0	80.0	15.7
5470.000	60.9	---	68.20	7.33	1000.0	1000.000	150.0	H	54.0	86.0	15.7

Radio Technology = WLAN ac 20, Operating Frequency = high, Subband = U-NII-2C (S02\_AD01)



### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
5725.200	---	45.9	---	---	1000.0	1000.000	150.0	H	136.0	105.0	15.6
5725.200	62.5	---	68.20	5.71	1000.0	1000.000	150.0	H	136.0	105.0	15.6