

4.8.5.34 Sample #2. Mode 1. U-NII-2C.Modulation A20. Frequency range: 8 GHz – 18 GHz

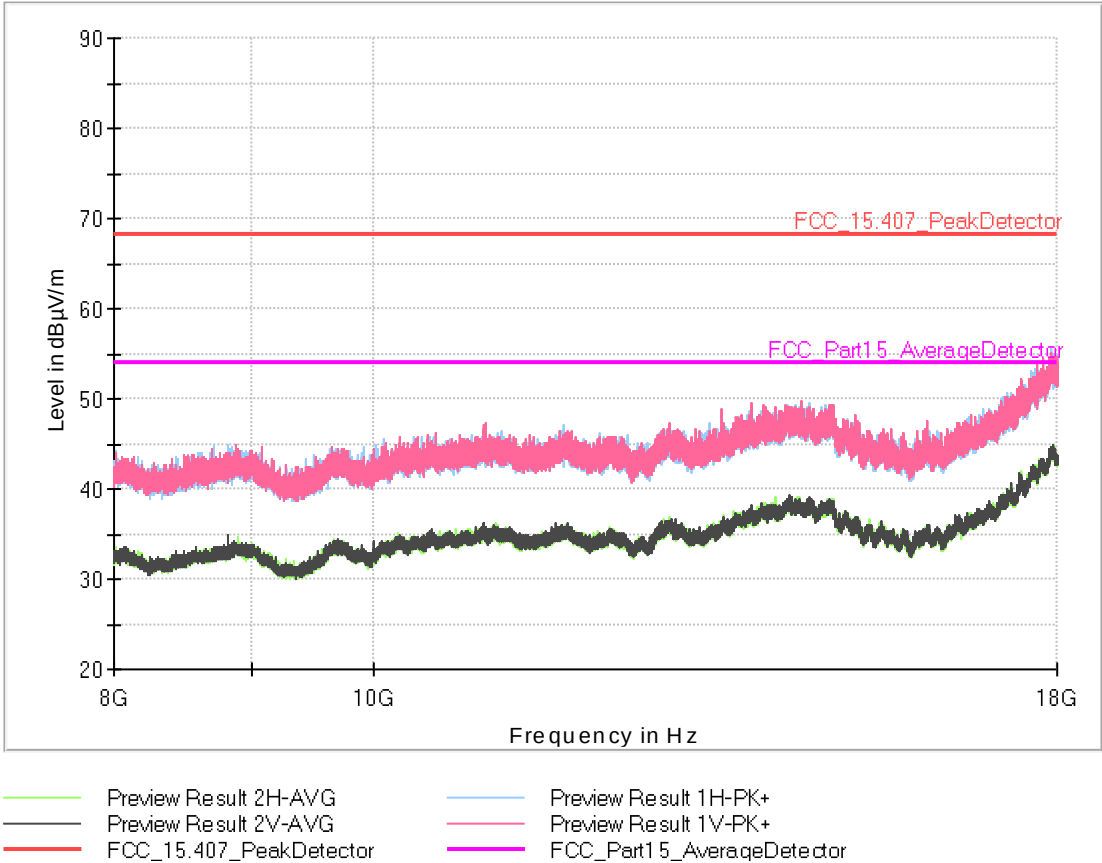


Fig. 312: Low Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS

No spurious detected. All emissions are below of the AVG limit

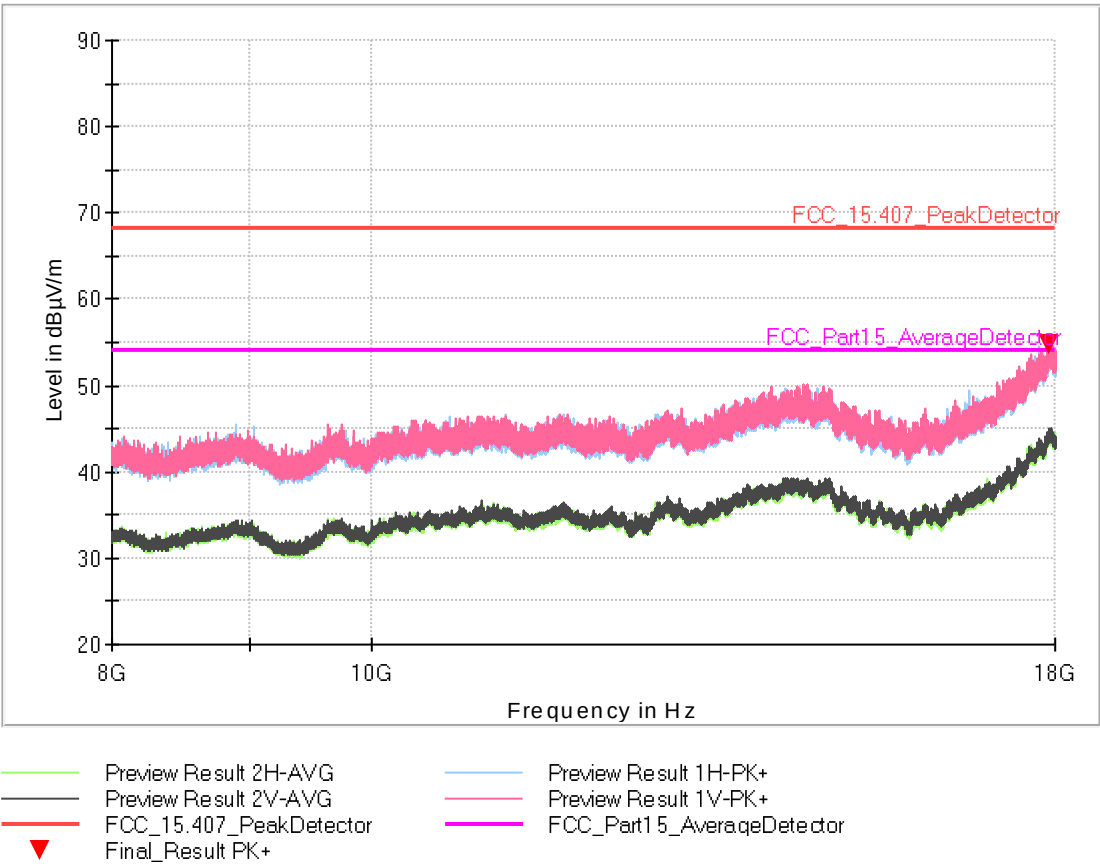


Fig. 313: Middle Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17903.000 ¹	54.7	68.23	13.5	192.0	V	359.0	7.0

Table 121: Middle Channel. Frequency range: 8 GHz – 18 GHz

*Note*¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

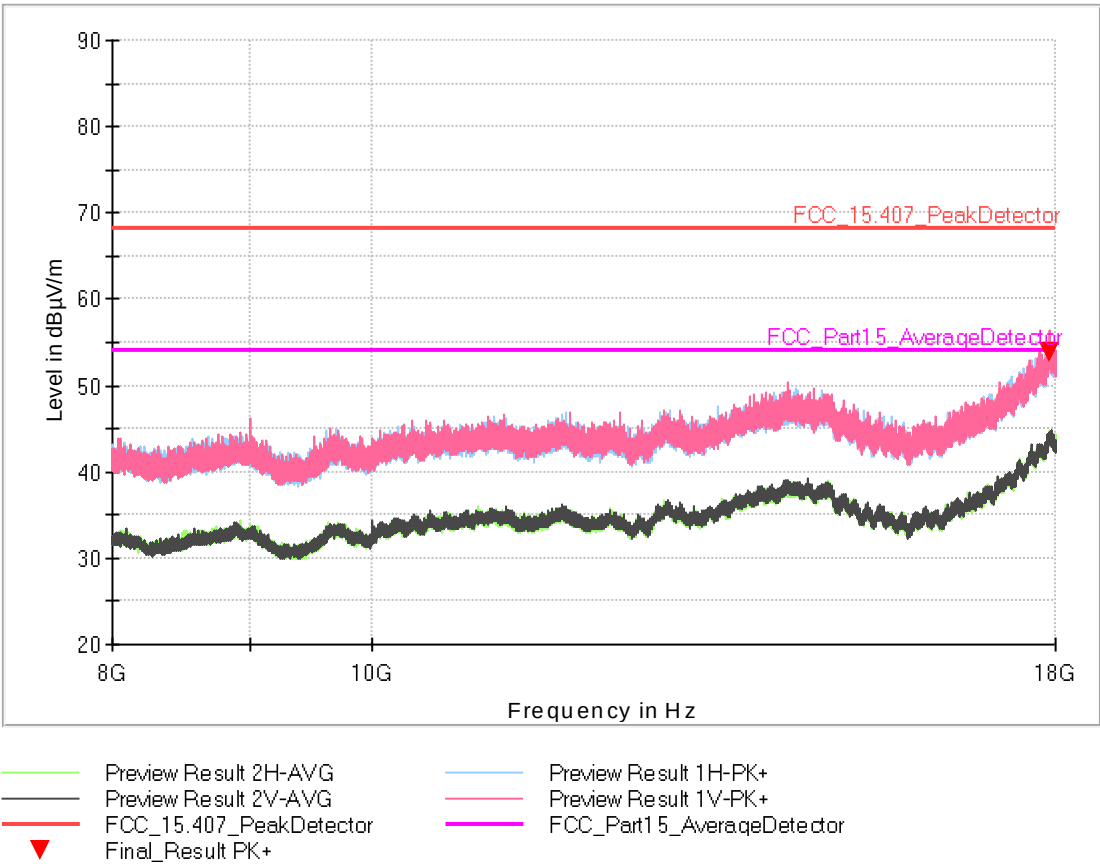


Fig. 314: High Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17901.330 ¹	53.9	68.23	14.3	144.0	V	148.0	6.9

Table 122: High Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.35 Sample #2. Mode 1. U-NII-2C.Modulation N20. Frequency range: 1 GHz – 8 GHz

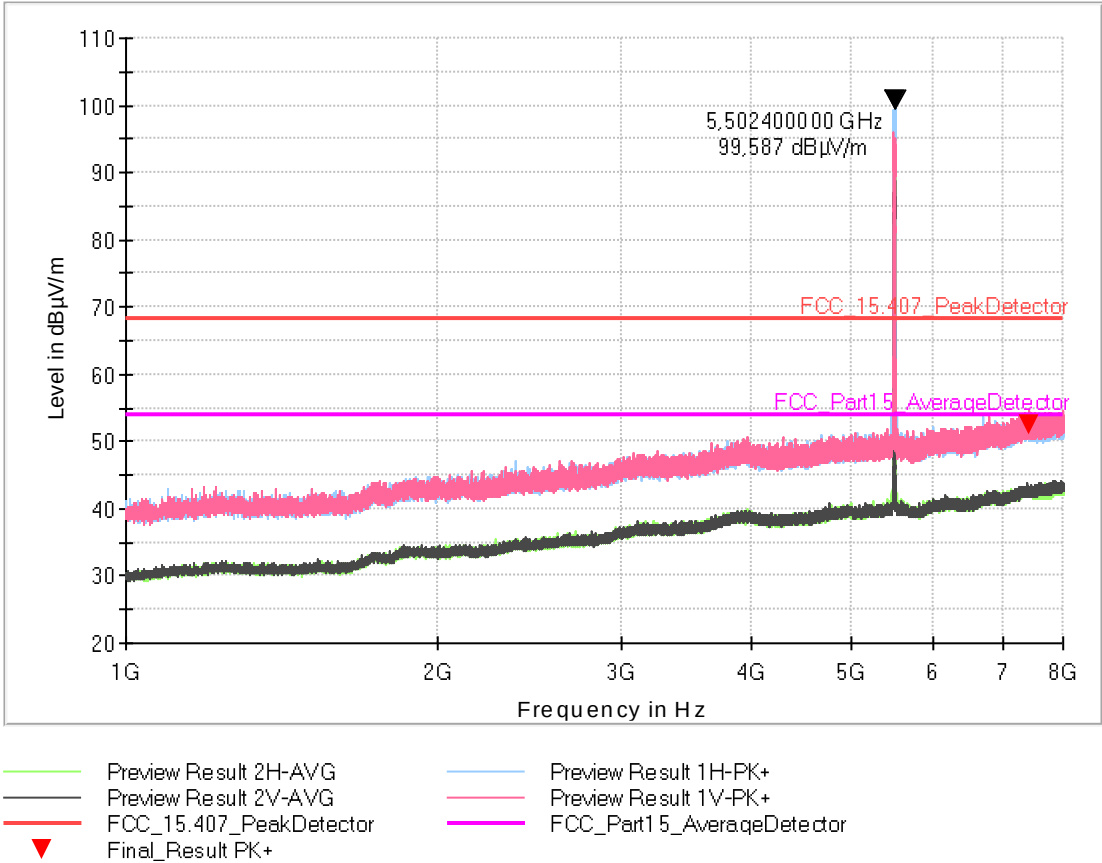


Fig. 315: Low Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7417.830 ¹	52.4	68.23	15.8	187.0	V	27.0	10.2

Table 123: Low Channel. Frequency range: 1 GHz – 8 GHz

The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

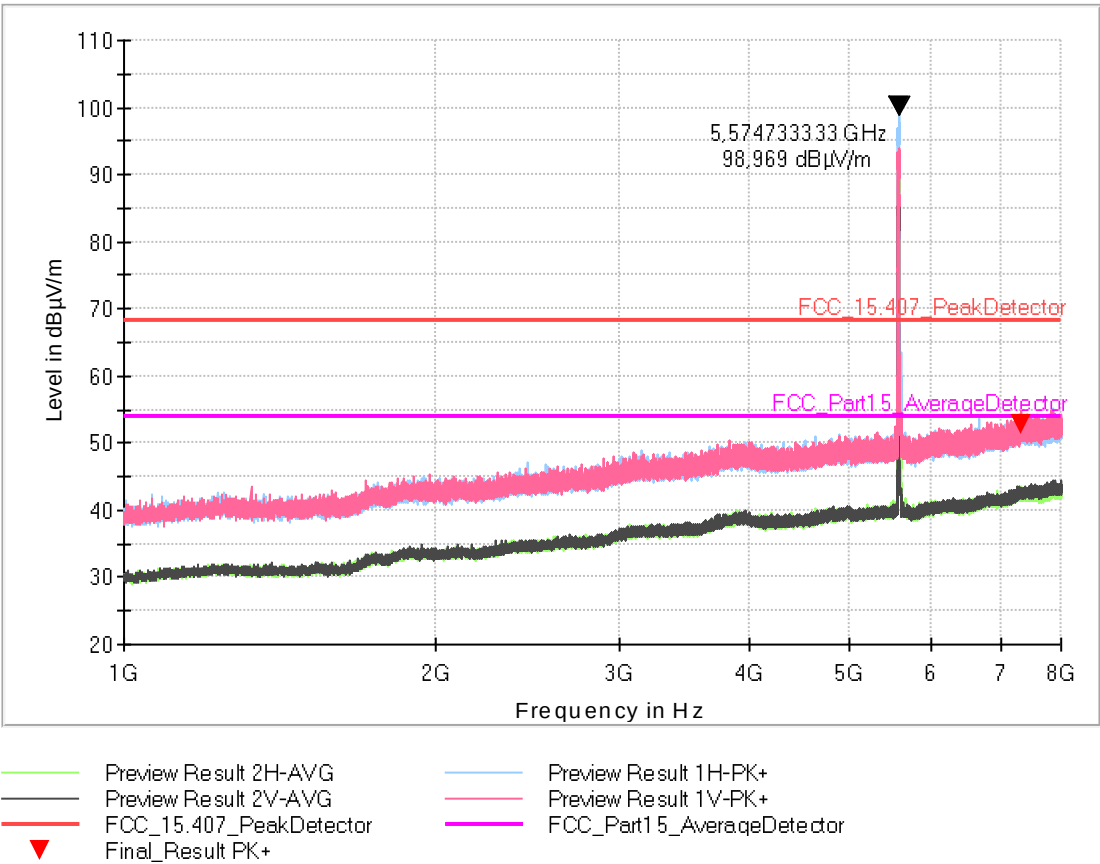


Fig. 316: Middle Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7320.300 ¹	52.8	68.23	15.4	181.0	V	0.0	10.1

Table 124: Middle Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

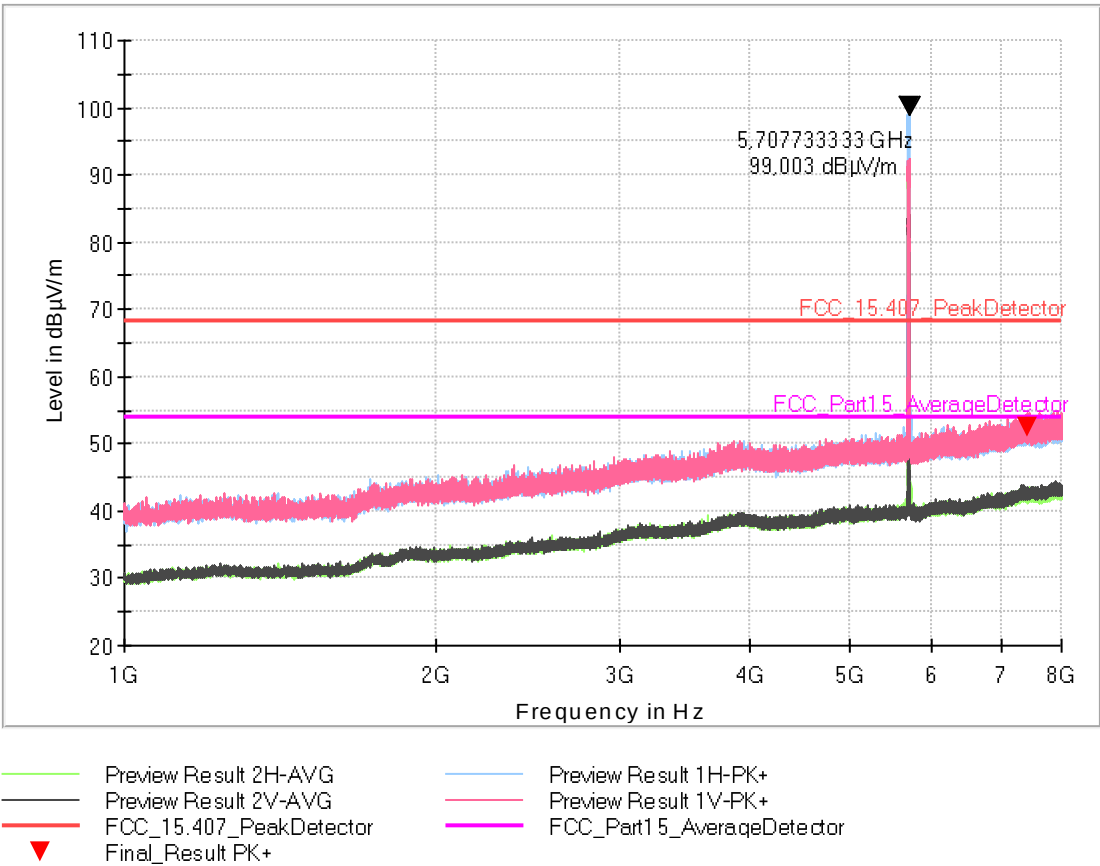


Fig. 317: High Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7410.830 ¹	52.3	68.23	15.8	189.0	V	305.0	10.2

Table 125: High Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.36 Sample #2. Mode 1. U-NII-2C.Modulation N20. Frequency range: 8 GHz – 18 GHz

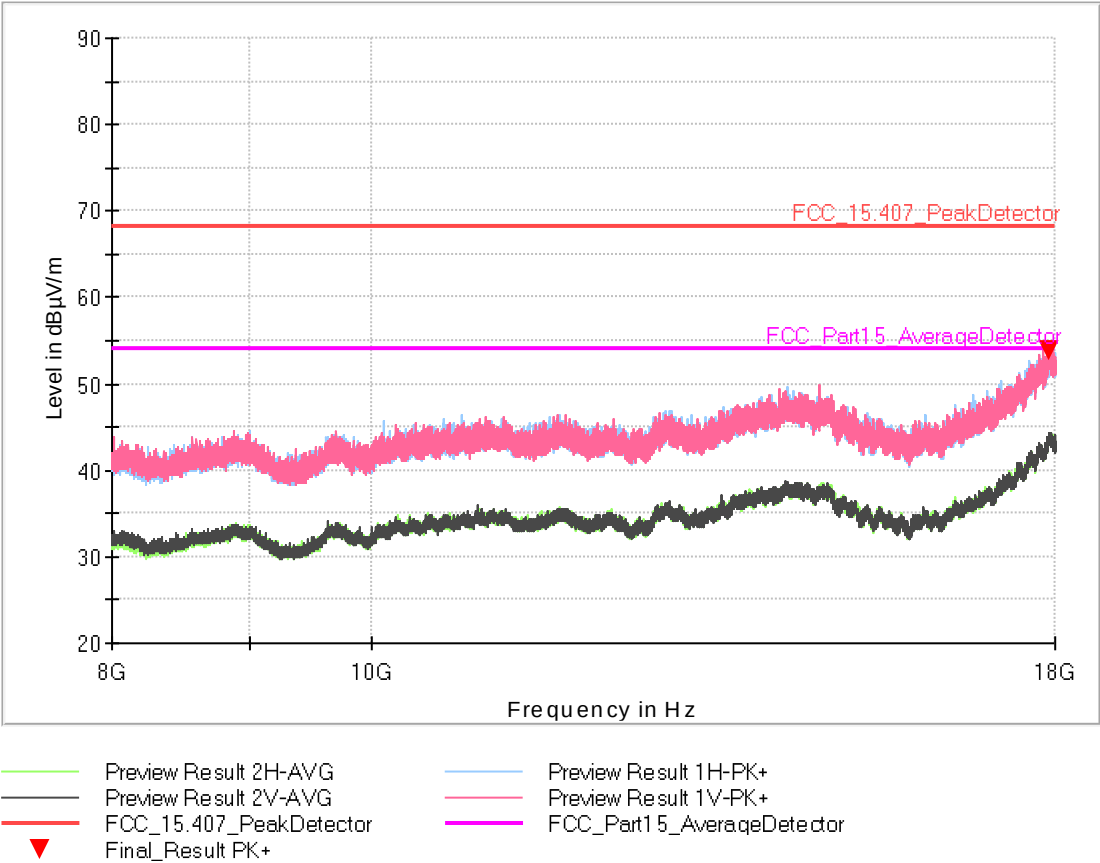


Fig. 318: Low Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17893.000 ¹	53.9	68.23	14.3	287.0	V	240.0	6.9

Table 126: Low Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

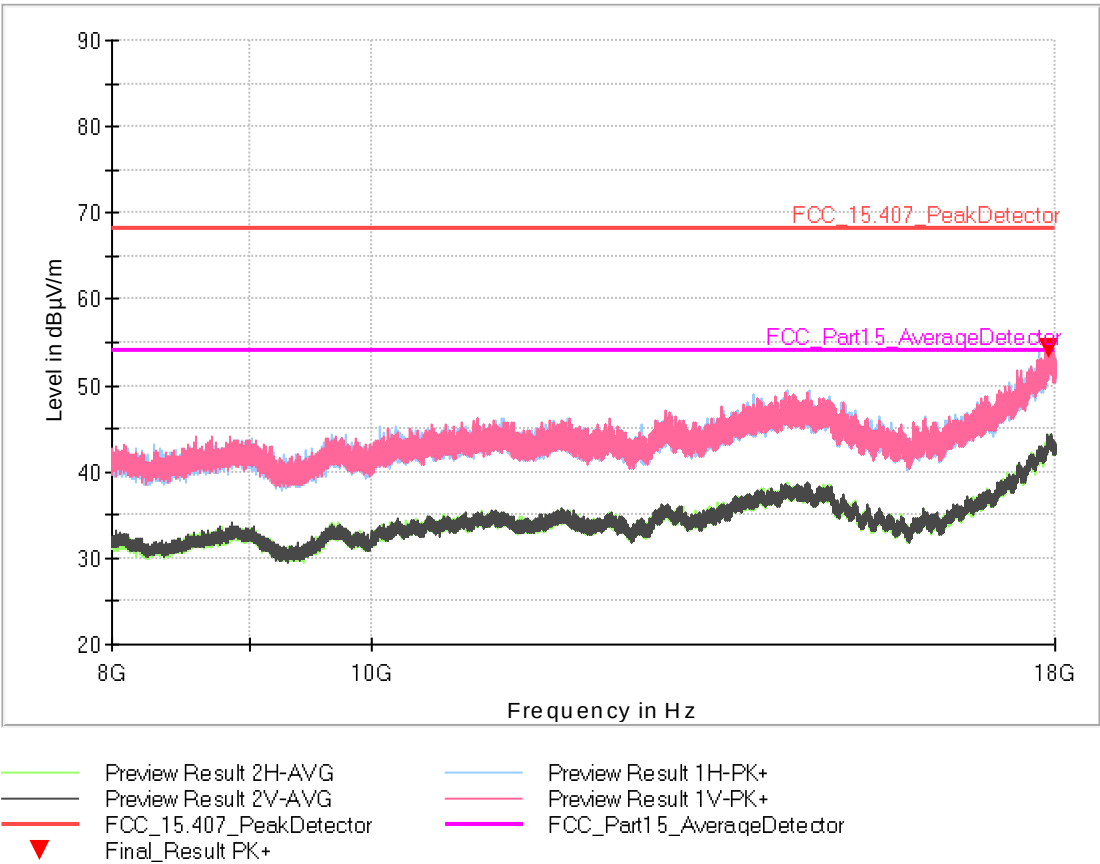


Fig. 319: Middle Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17929.670 ¹	54.3	68.23	13.8	266.0	V	202.0	6.6

Table 127: Middle Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

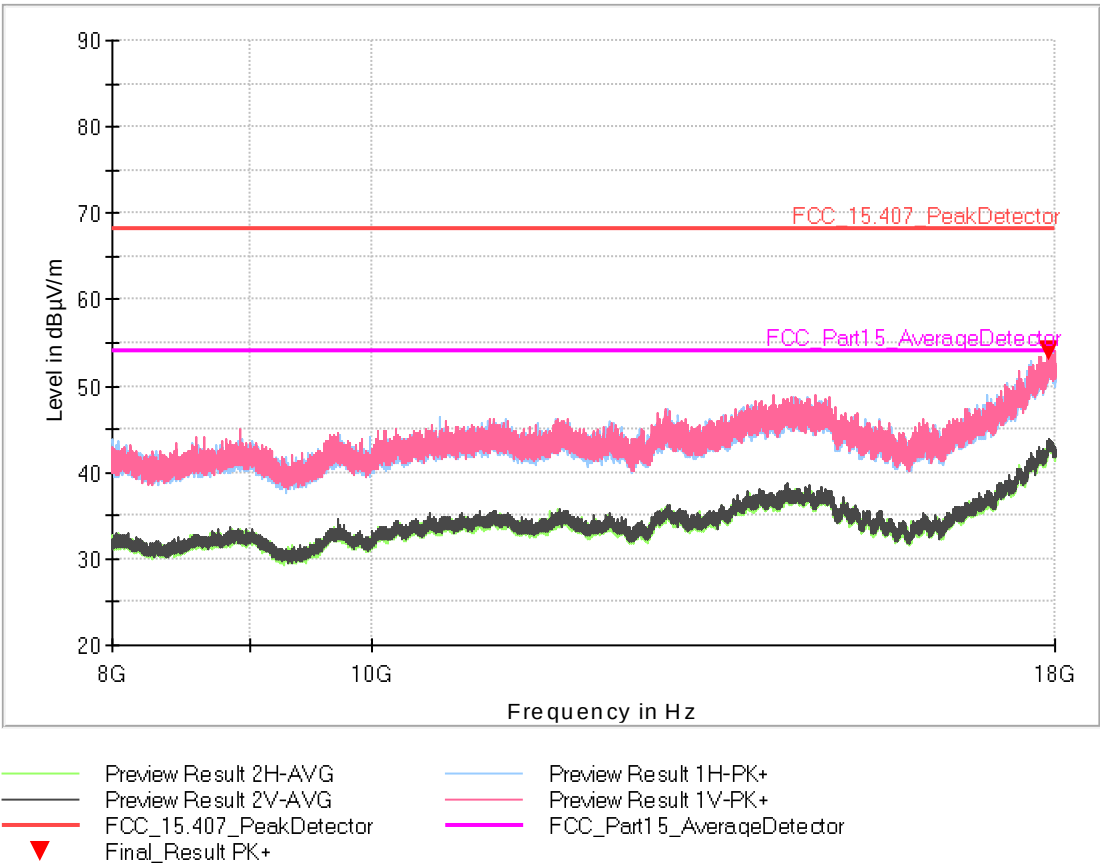


Fig. 320: High Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17923.000 ¹	54.4	68.23	13.7	343.0	H	0.0	7.1

Table 128: High Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.37 Sample #2. Mode 1. U-NII-2C.Modulation AC20. Frequency range: 1 GHz – 8 GHz

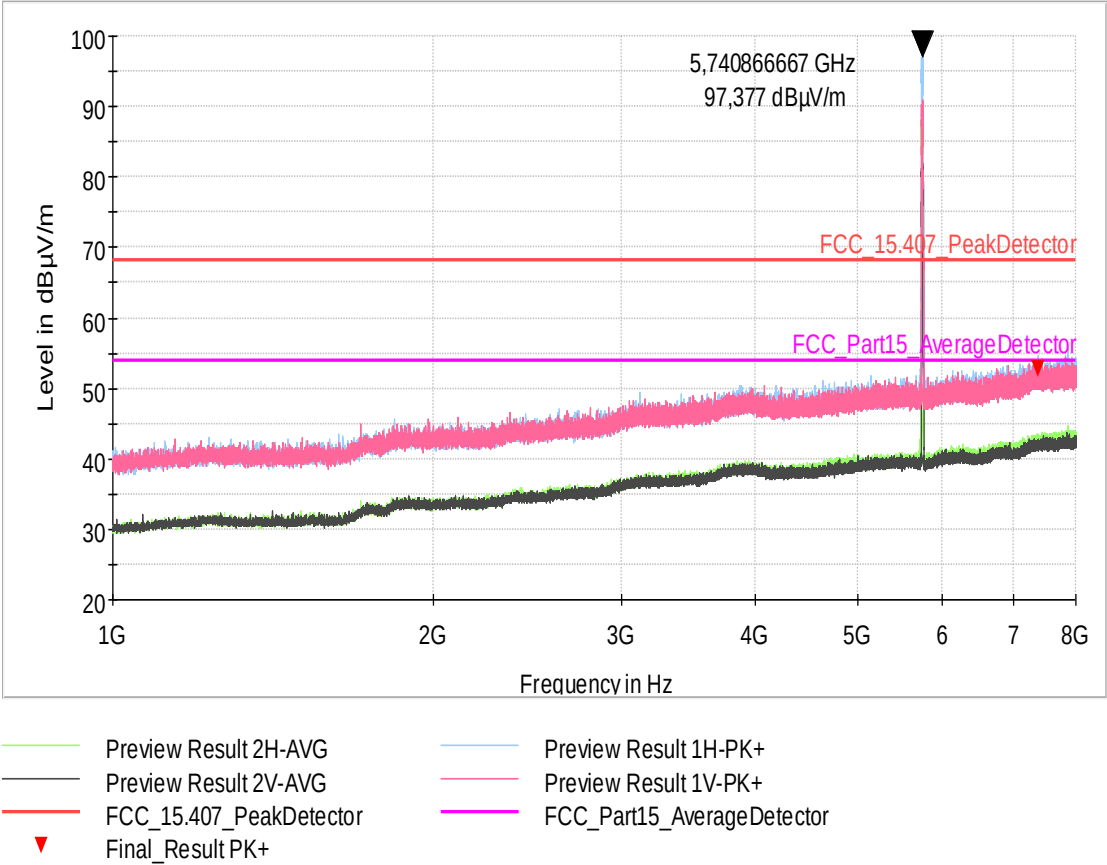
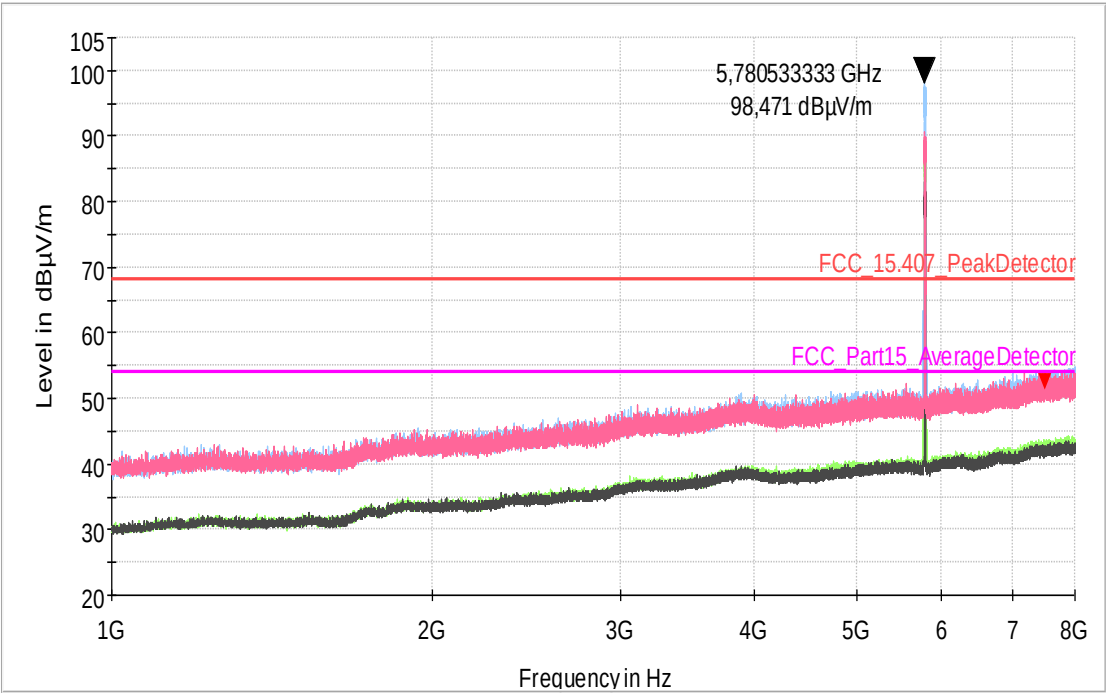


Fig. 321: Low Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7370.700 ¹	52.7	68.23	15.4	197.0	H	197.0	10.2

Table 129: Low Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.



- Preview Result 2H-AVG
- Preview Result 2V-AVG
- FCC_15.407_PeakDetector
- Final_Result PK+
- Preview Result 1H-PK+
- Preview Result 1V-PK+
- FCC_Part15_AverageDetector

Fig. 322: Middle Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7504.400 ¹	52.5	68.23	15.7	105.0	V	166.0	10.2

Table 130: Middle Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

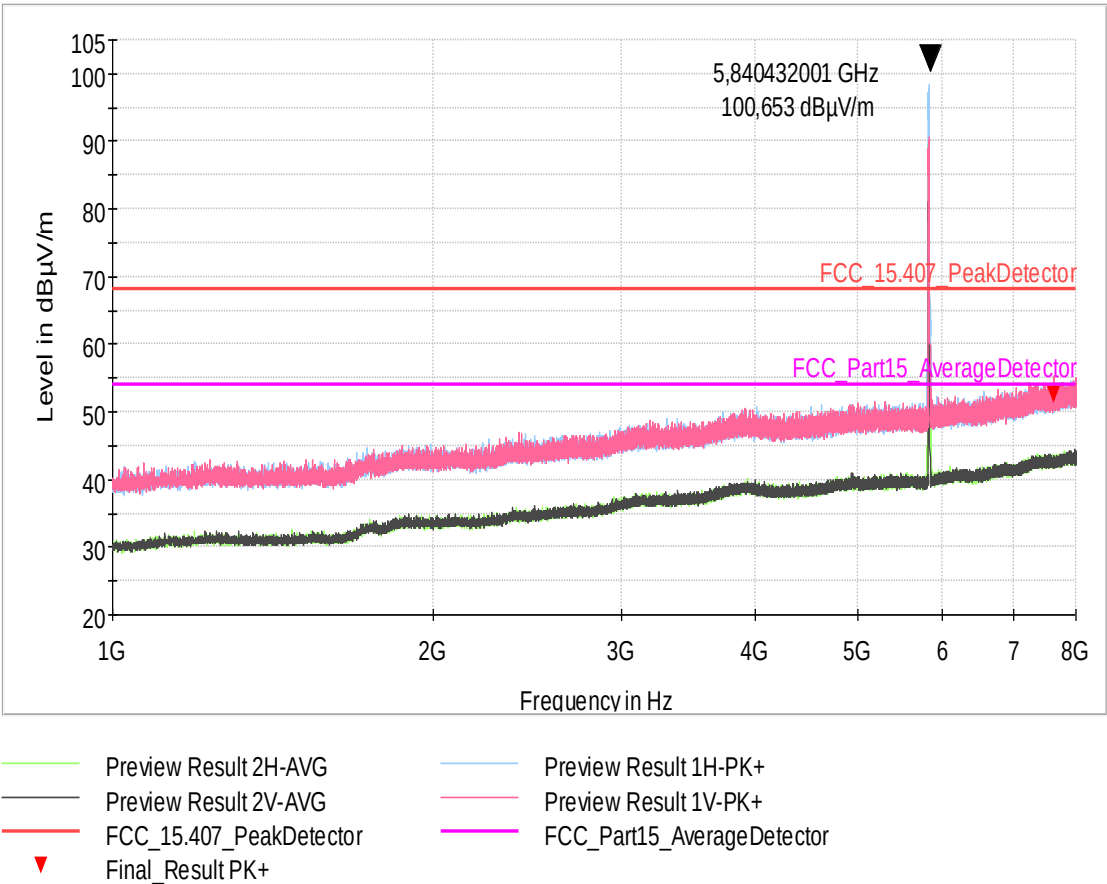


Fig. 323: High Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
77634.370 ¹	52.4	68.23	15.8	119.0	V	222.0	10.3

Table 131: High Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.38 Sample #2. Mode 1. U-NII-2C.Modulation AC20. Frequency range: 8 GHz – 18 GHz

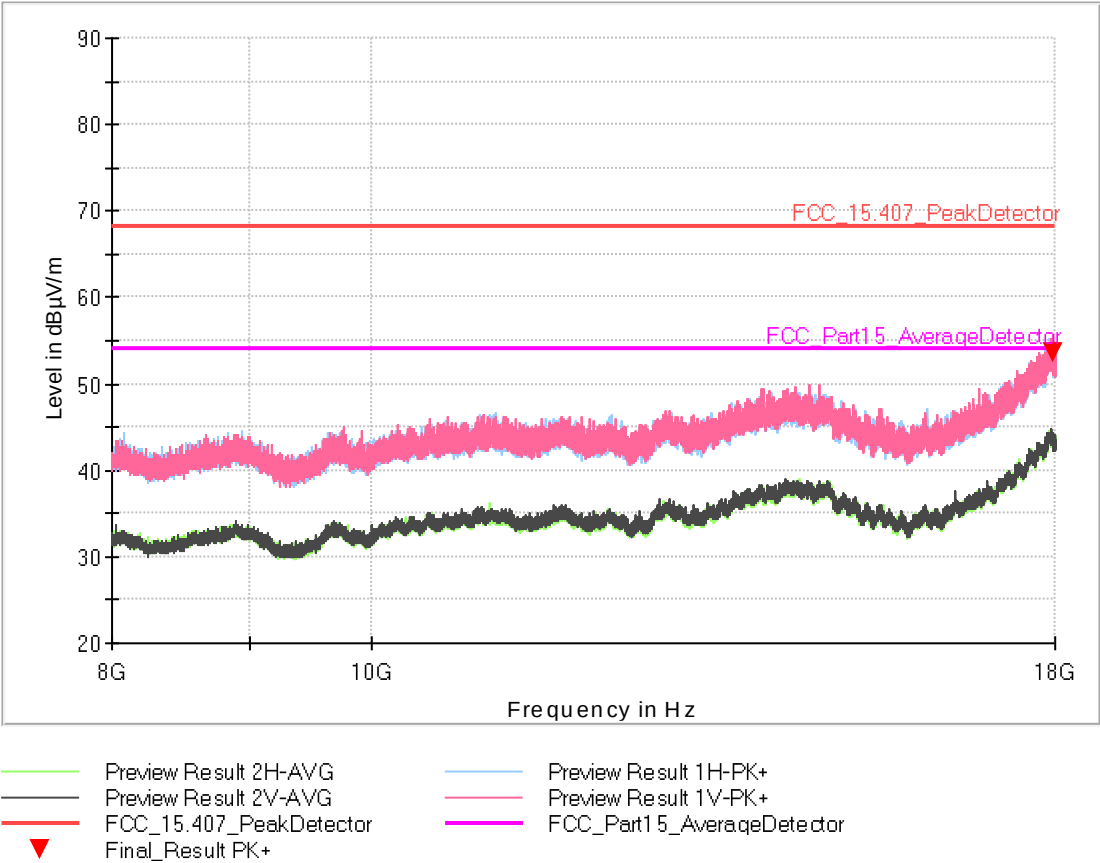


Fig. 324: Low Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17973.000 ¹	53.5	68.23	14.7	177.0	V	332.0	7.5

Table 132: Low Channel. Frequency range: 8 GHz – 18 GHz

Note 1: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

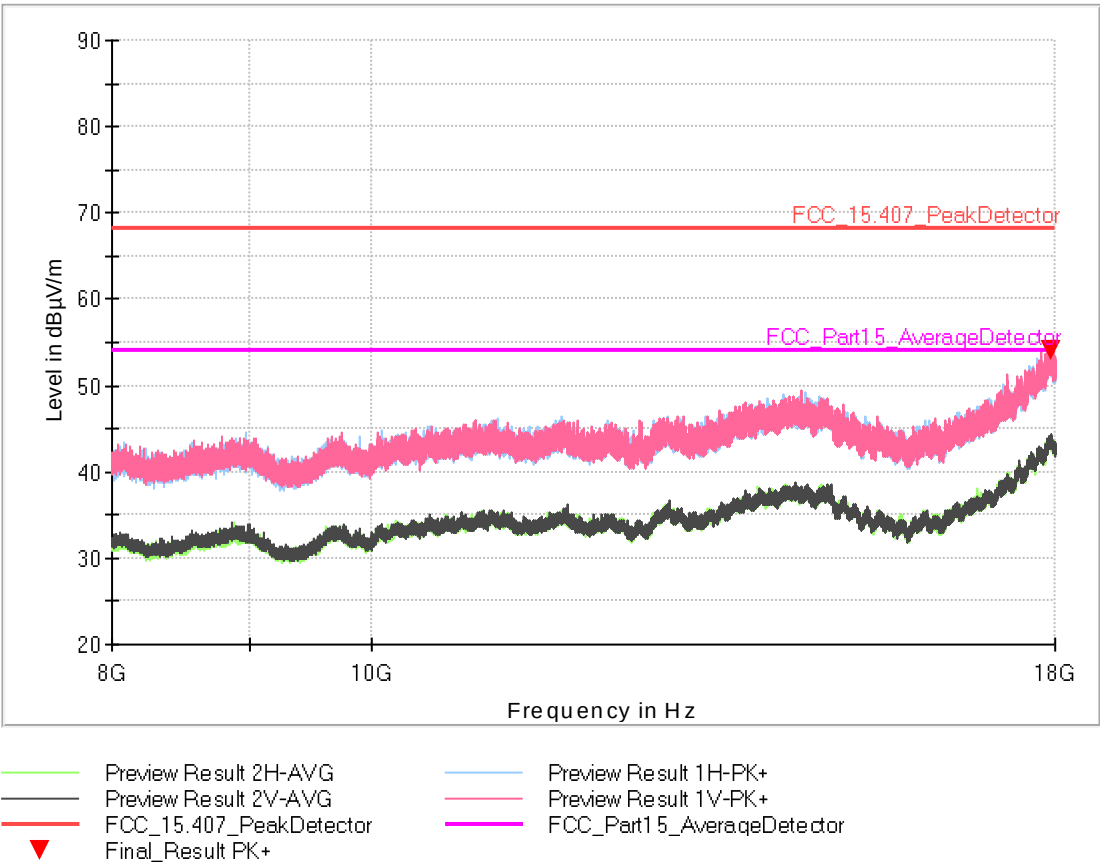


Fig. 325: Middle Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17931.000 ¹	54.1	68.23	14.1	208.0	V	78.0	7.2

Table 133: Middle Channel. Frequency range: 8 GHz – 18 GHz

*Note*¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

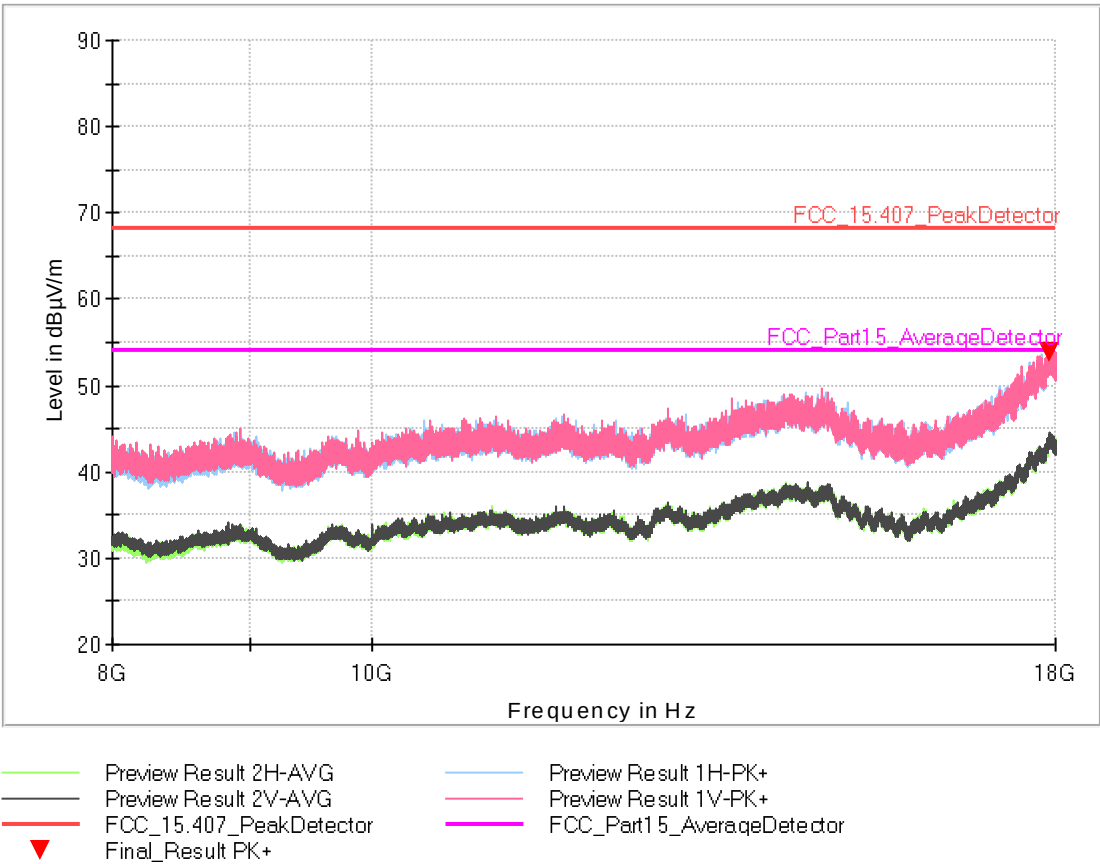


Fig. 326: High Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17904.330 ¹	53.9	68.23	14.3	244.0	H	203.0	7.0

Table 134: High Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.39 Sample #2. Mode 1. U-NII-2C.Modulation N40. Frequency range: 1 GHz – 8 GHz

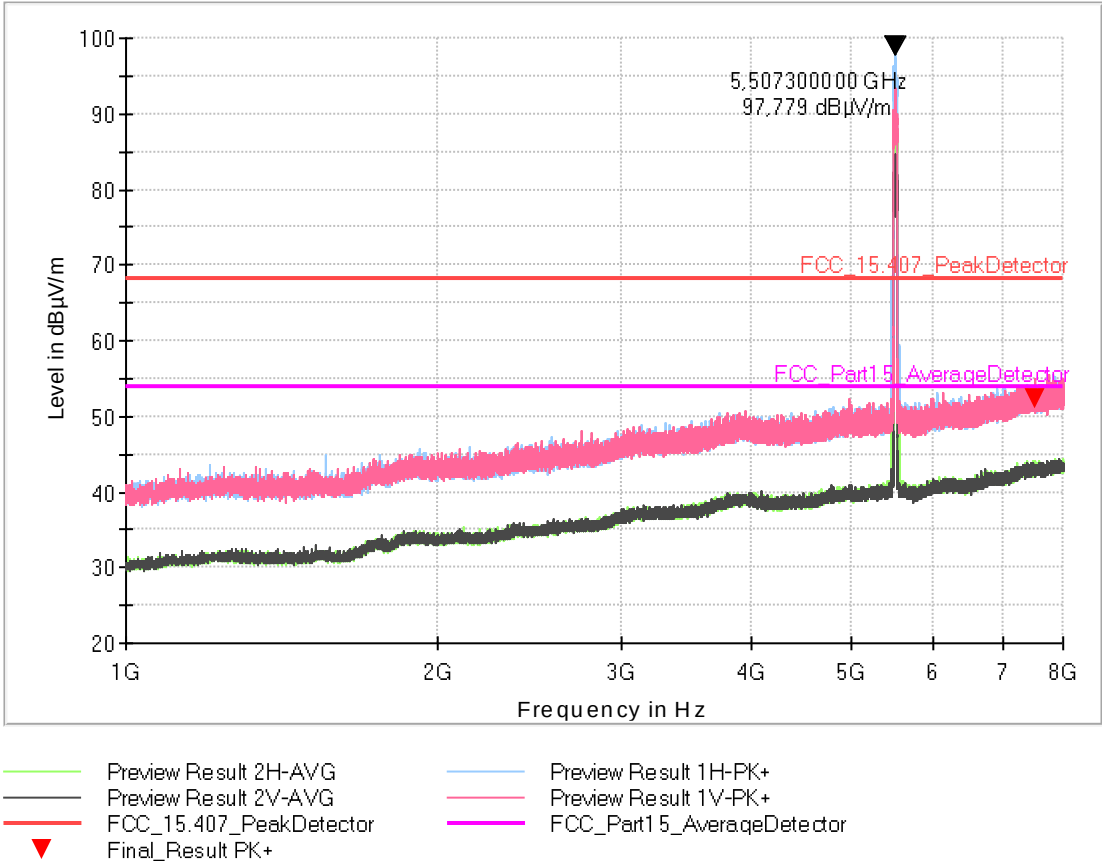


Fig. 327: Low Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7520.000 ¹	52.4	68.23	15.8	256.0	V	157.0	10.2

Table 135: Low Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

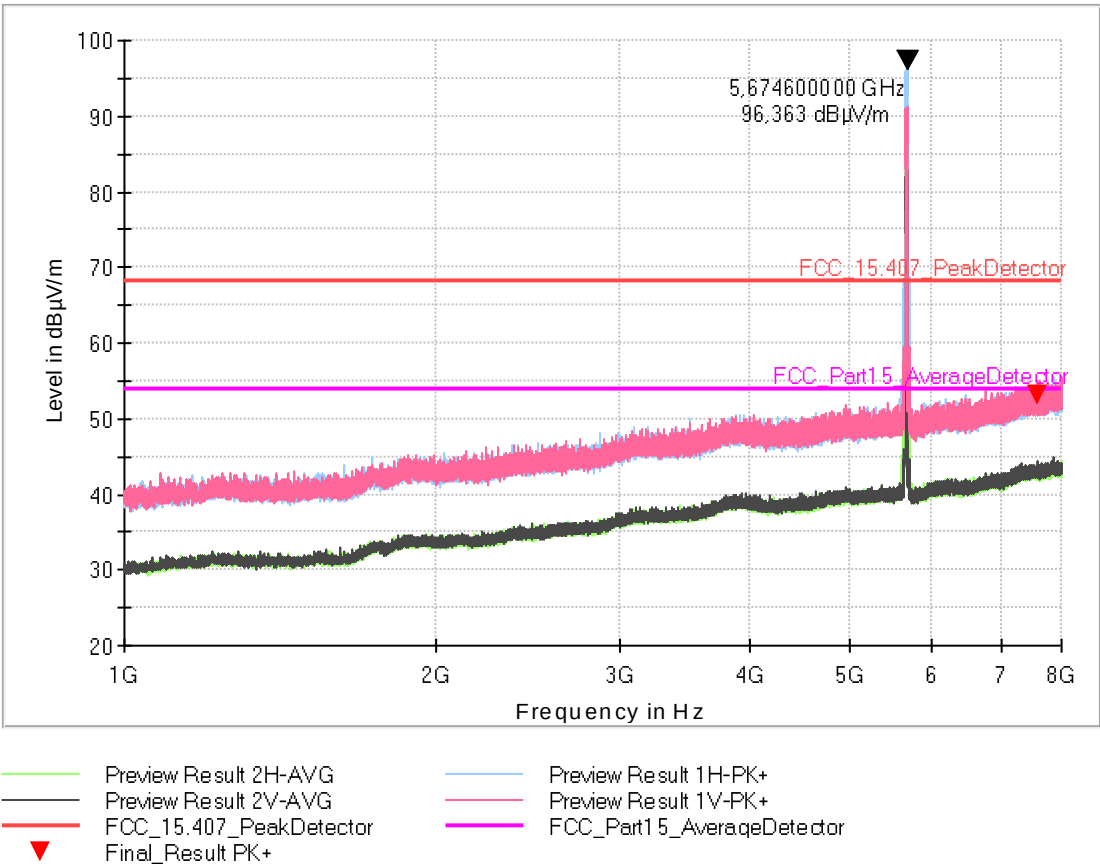


Fig. 328: High Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7575.100 ¹	53.0	68.23	15.2	213.0	V	249.0	10.3

Table 136: High Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.40 Sample #2. Mode 1. U-NII-2C.Modulation N40. Frequency range: 8 GHz – 18 GHz

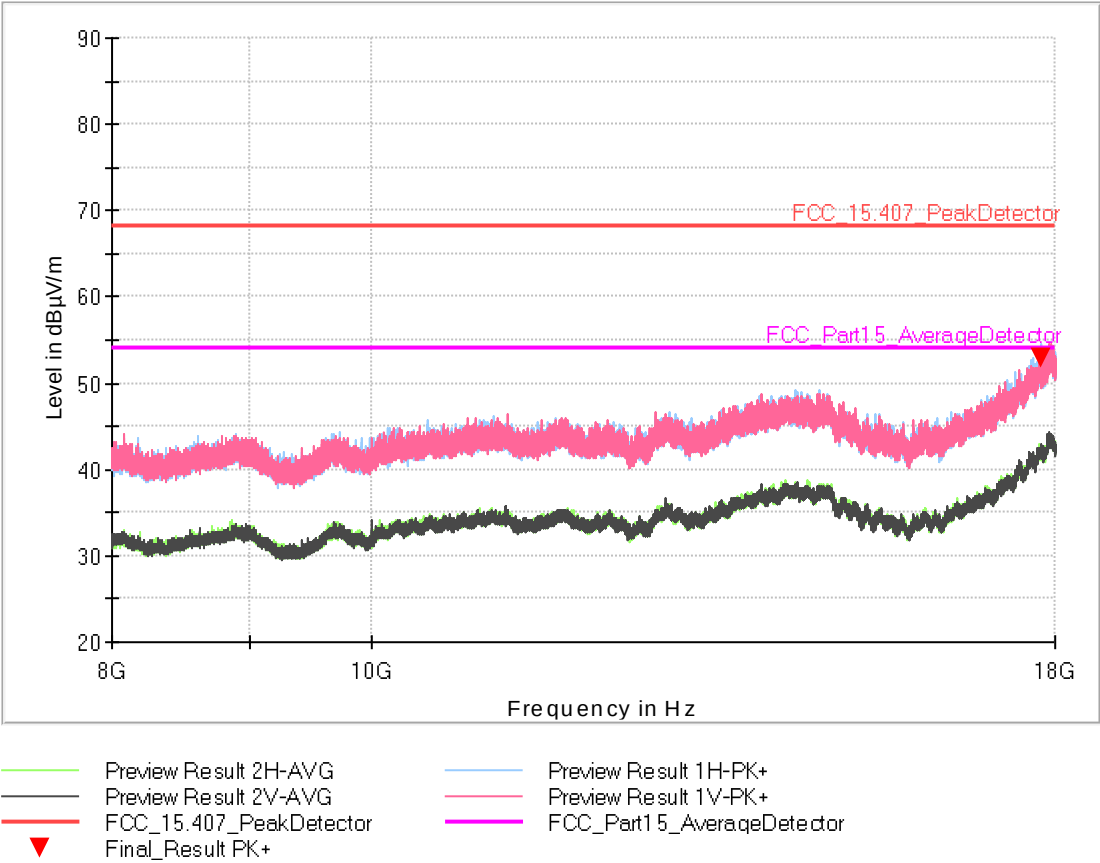


Fig. 329: Low Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17778.000 ¹	53.0	68.23	15.2	261.0	H	146.0	6.2

Table 137: Low Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

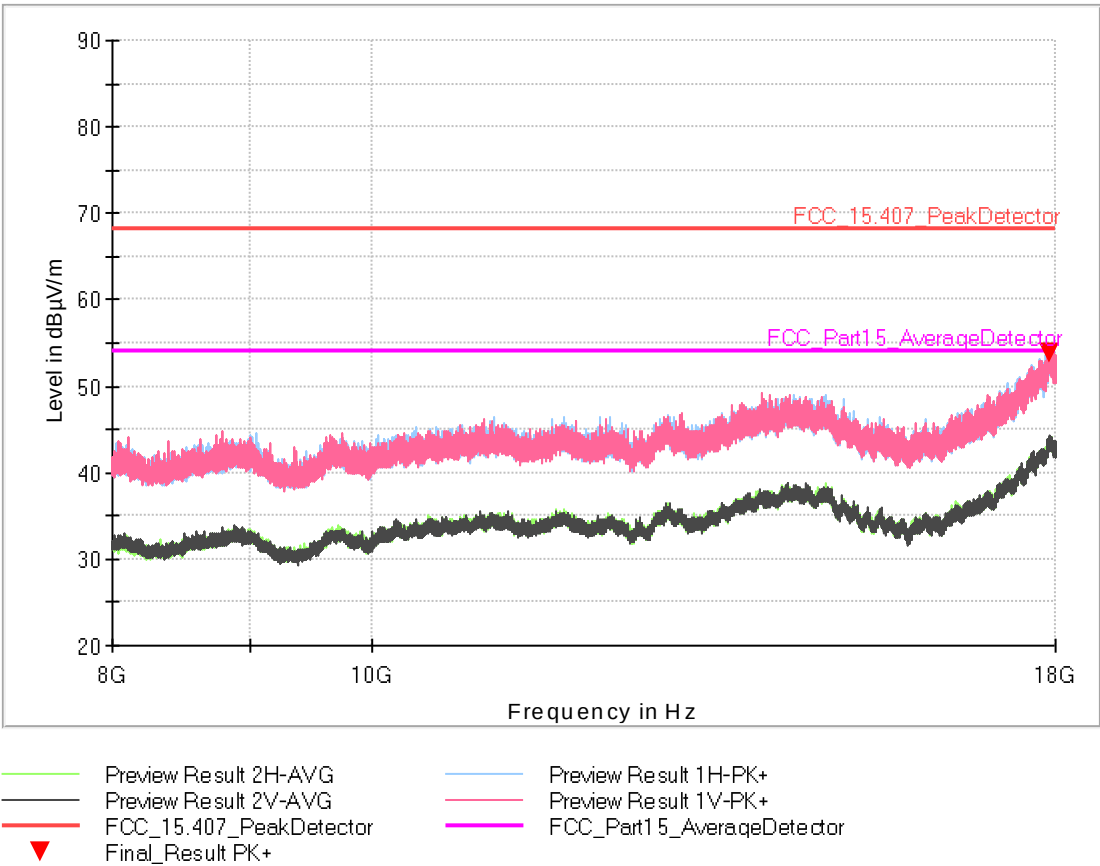


Fig. 330: High Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17922.000 ¹	53.9	68.23	14.2	195.0	H	0.0	7.1

Table 138: High Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.41 Sample #2. Mode 1. U-NII-2C.Modulation AC40. Frequency range: 1 GHz – 8 GHz

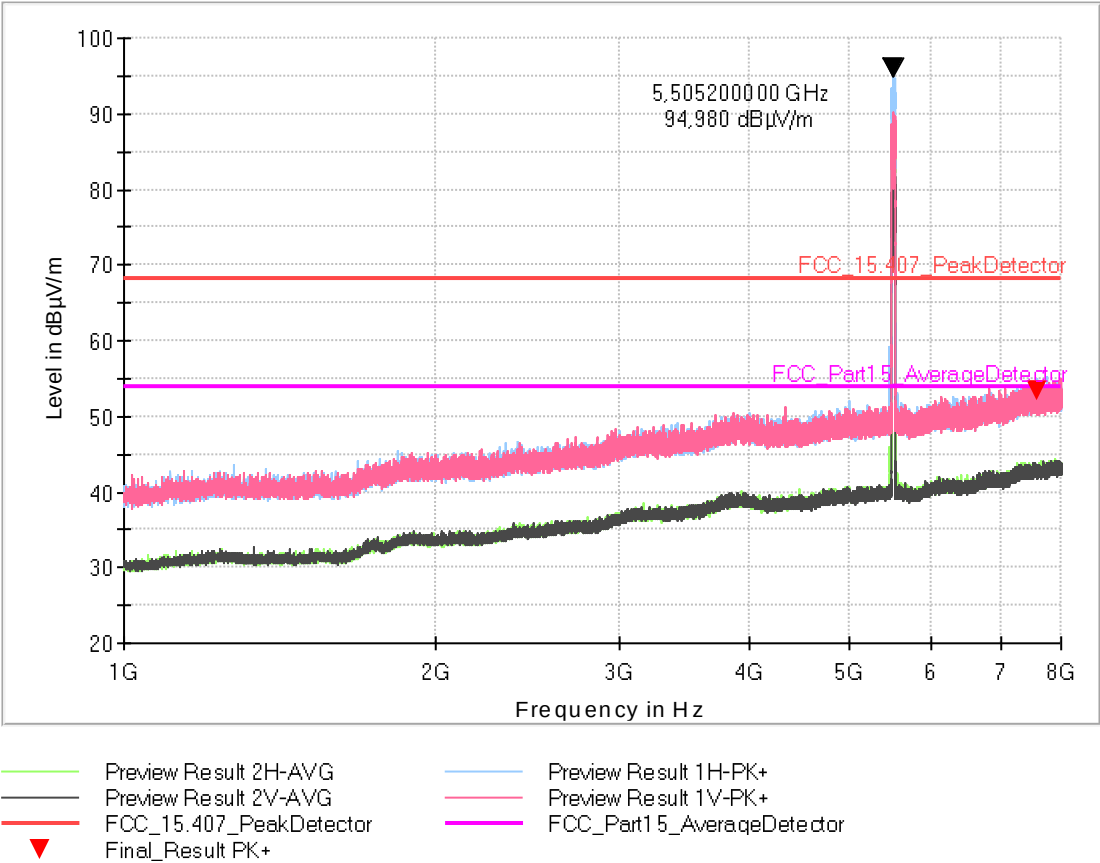


Fig. 331: Low Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7585.600 ¹	53.4	68.23	14.8	274.0	H	299.0	10.3

Table 139: Low Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

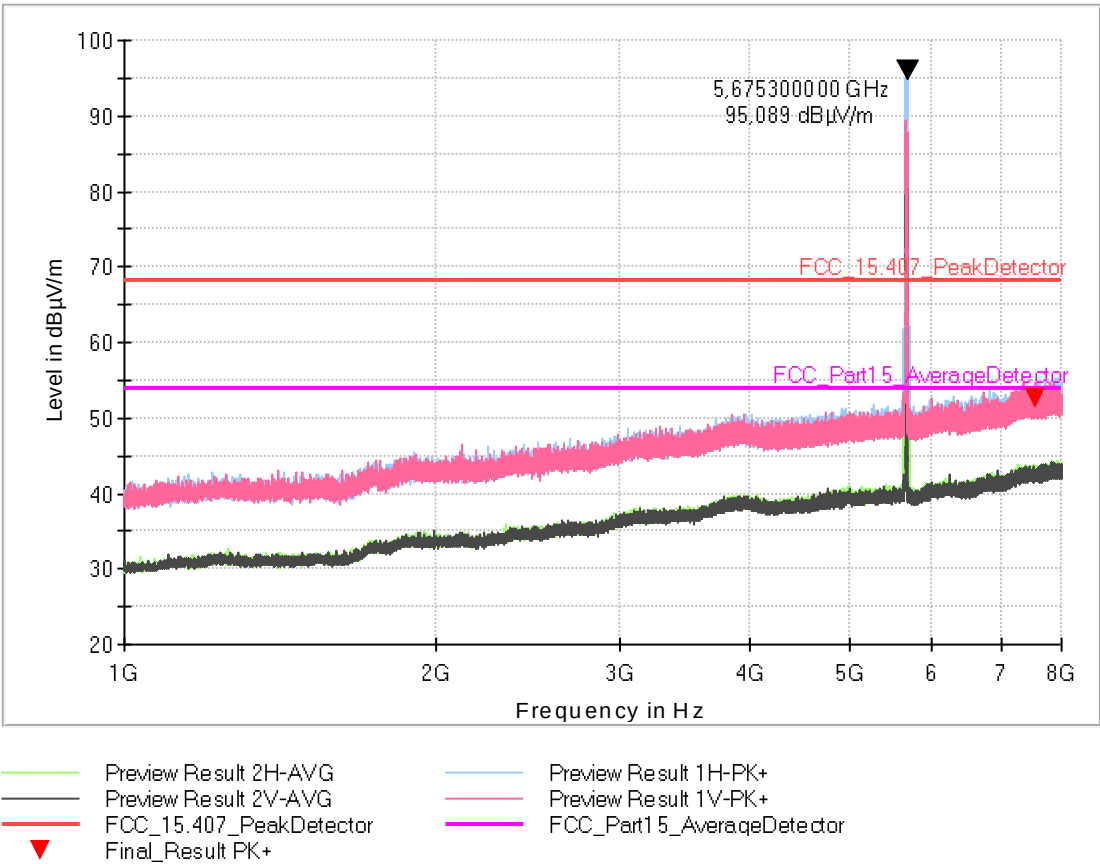


Fig. 332: High Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7541.970 ¹	52.4	68.23	15.7	198.0	V	0.0	10.3

Table 140: High Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.42 Sample #2. Mode 1. U-NII-2C.Modulation AC40. Frequency range: 8 GHz – 18 GHz

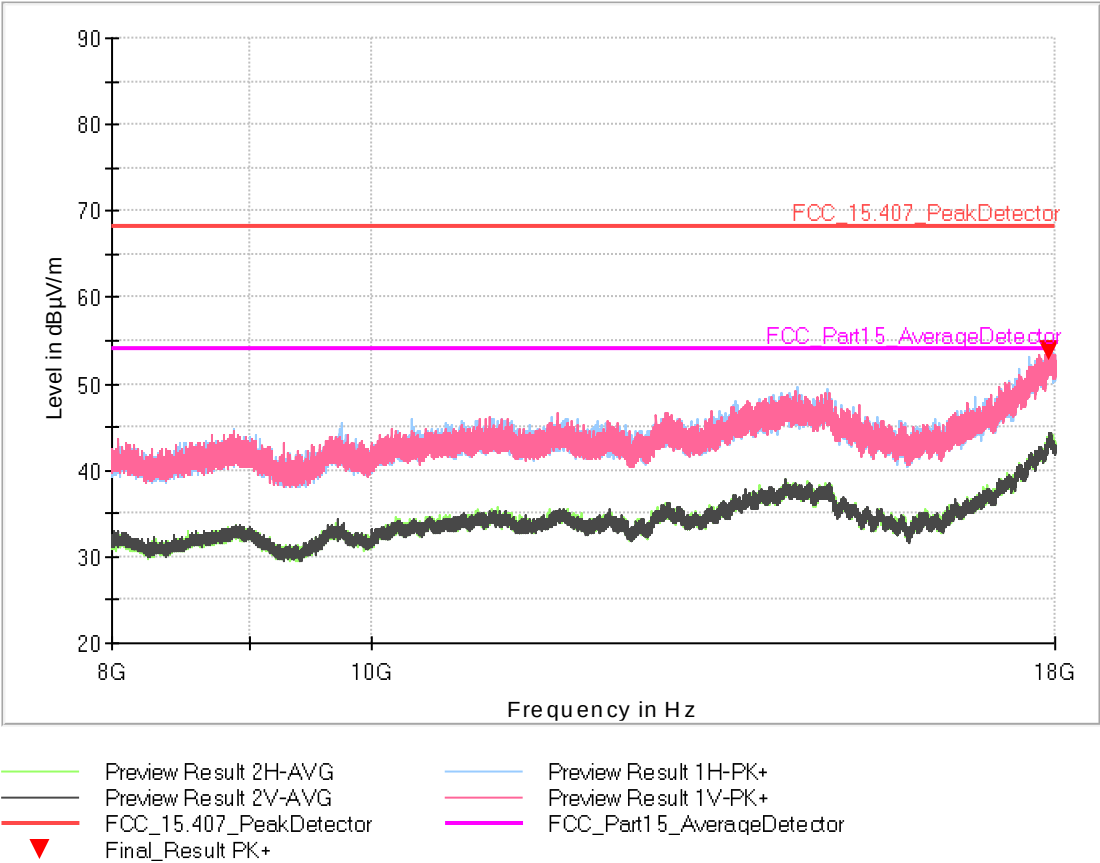


Fig. 333: Low Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17906.670 ¹	53.8	68.23	14.3	107.0	H	5.0	7.0

Table 141: Low Channel. Frequency range: 8 GHz – 18 GHz

Note 1: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

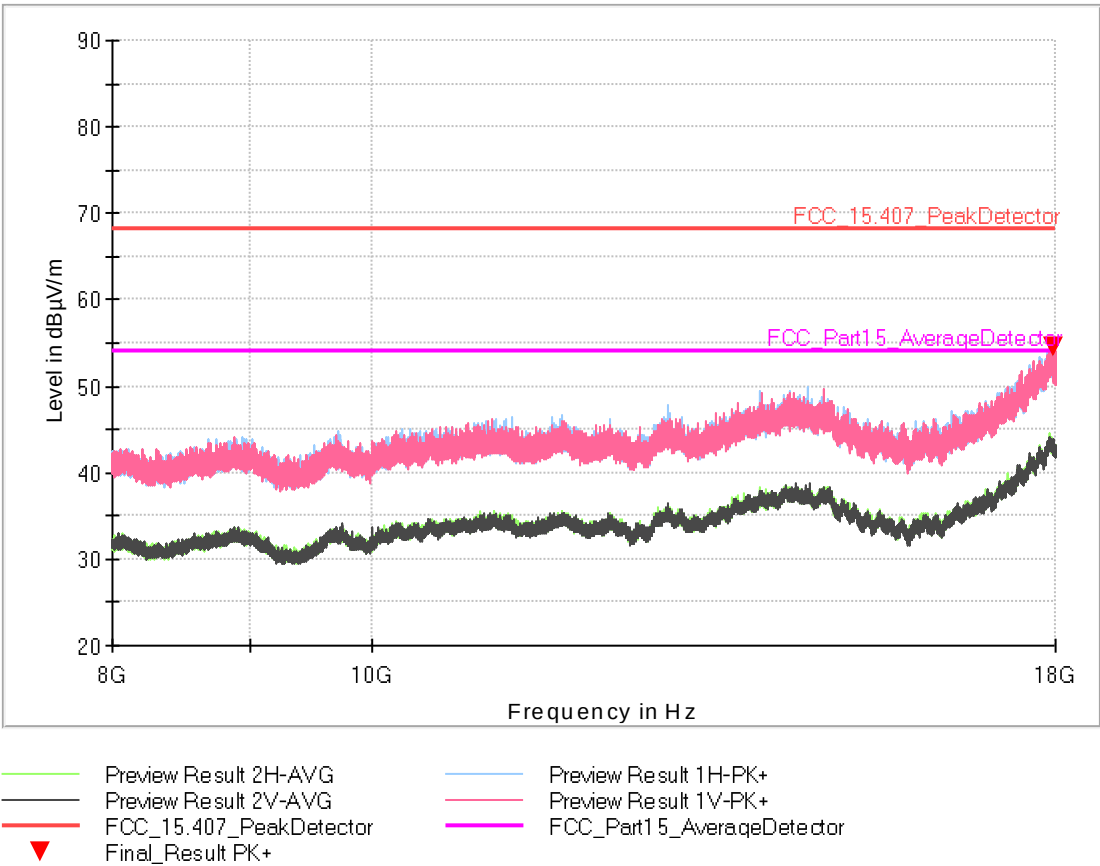


Fig. 334: High Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17893.000 ¹	53.9	68.23	14.3	287.0	V	240.0	6.9

Table 142: High Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.43 Sample #2. Mode 1. U-NII-2C.Modulation AC80. Frequency range: 1 GHz – 8 GHz

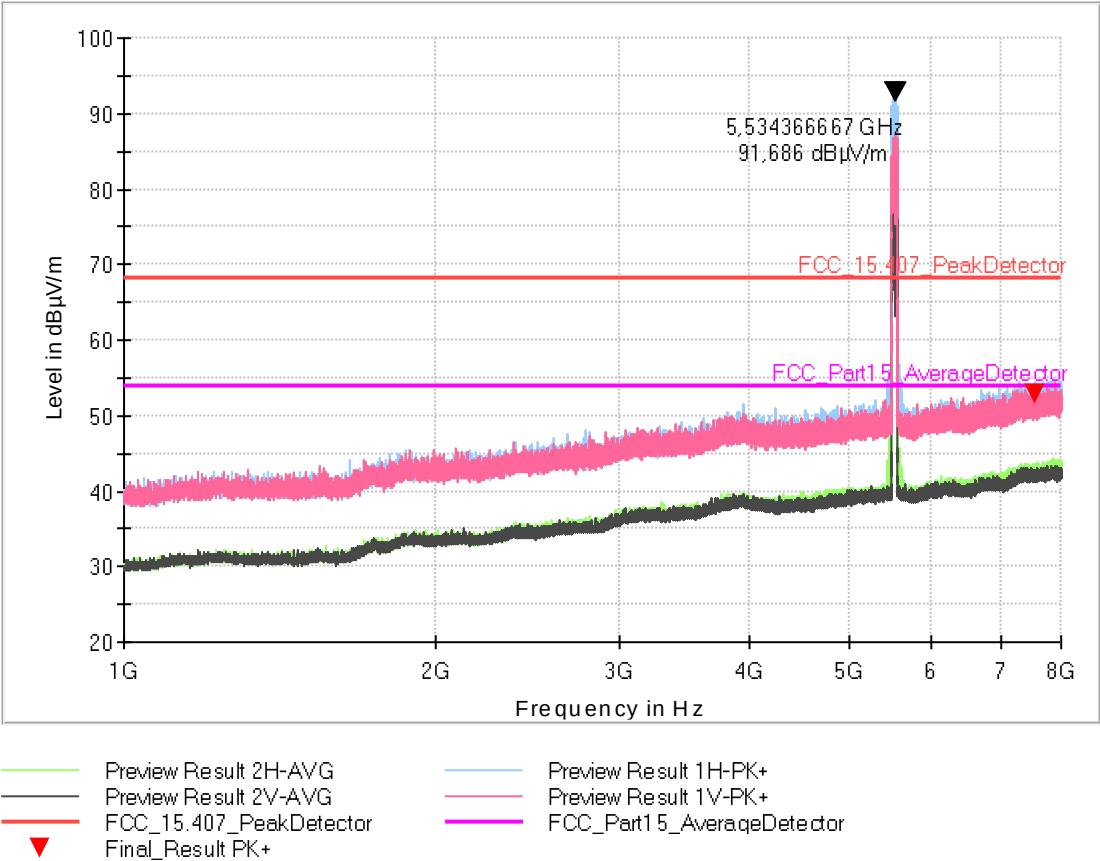


Fig. 335: Low Channel. Frequency range: 1 GHz – 8 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
7554.800 ¹	52.9	68.23	15.3	226.0	H	0.0	10.3

Table 143: Low Channel. Frequency range: 1 GHz – 8 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.

4.8.5.44 Sample #2. Mode 1. U-NII-2C.Modulation AC80. Frequency range: 8 GHz – 18 GHz

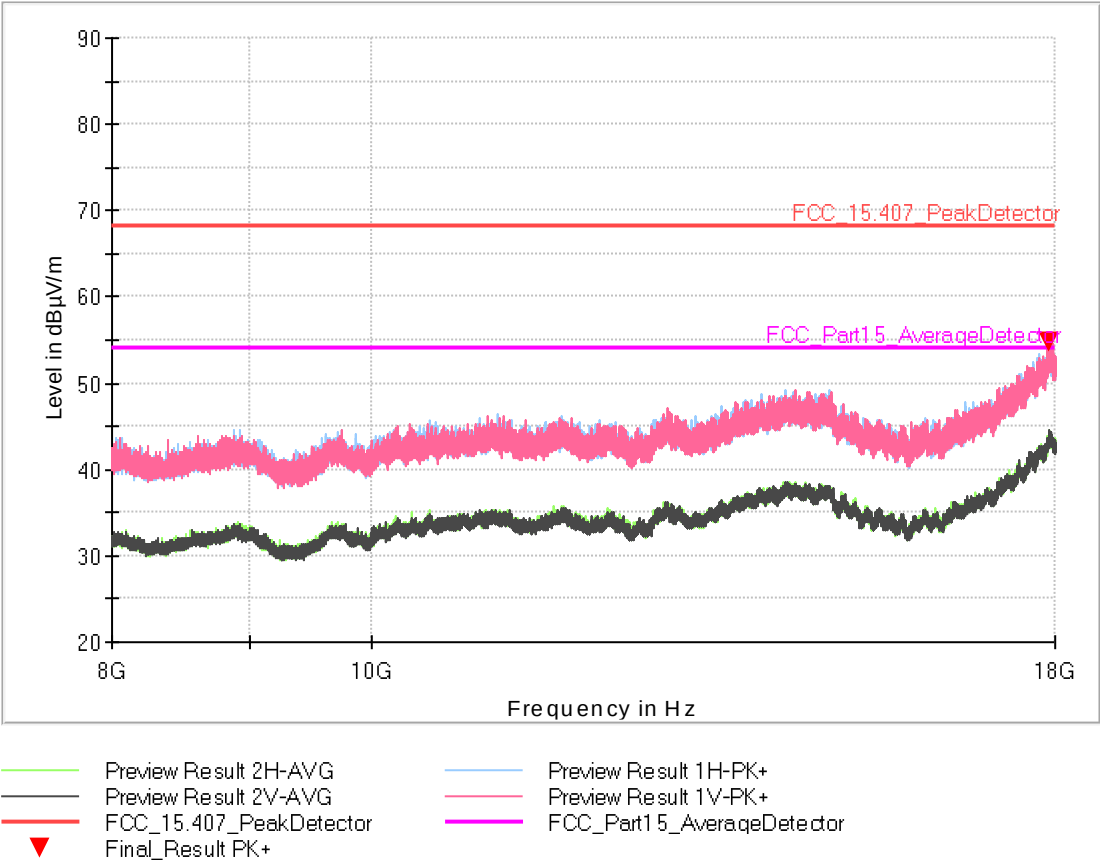


Fig. 336: Low Channel. Frequency range: 8 GHz – 18 GHz

FINAL MEASUREMENTS							
Frequency [MHz]	MaxPeak [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]
17916.670 ¹	54.8	68.23	13.4	350.0	V	353.0	7.1

Table 144: Low Channel. Frequency range: 8 GHz – 18 GHz

Note ¹: The final frequency measurements within the restricted band correspond to the ambient level as can be seen in the graphs above. Therefore, a maximization with peak detector as worst case is performed.