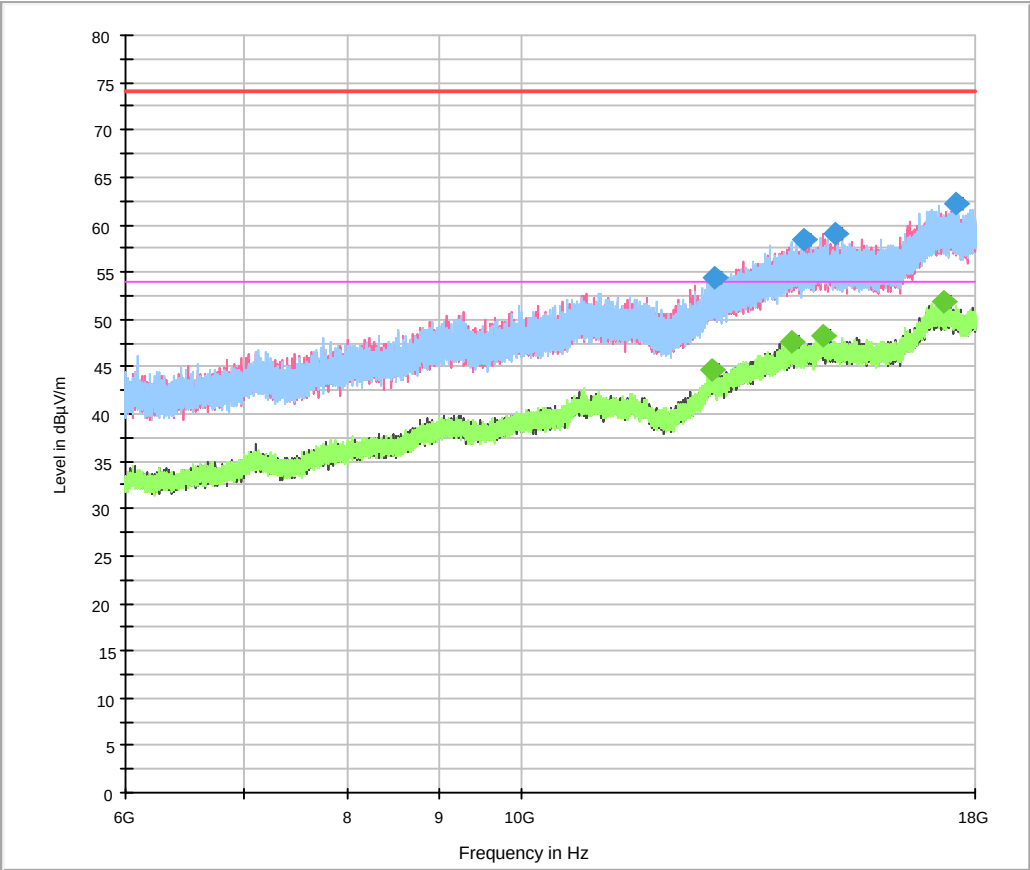




Product Service

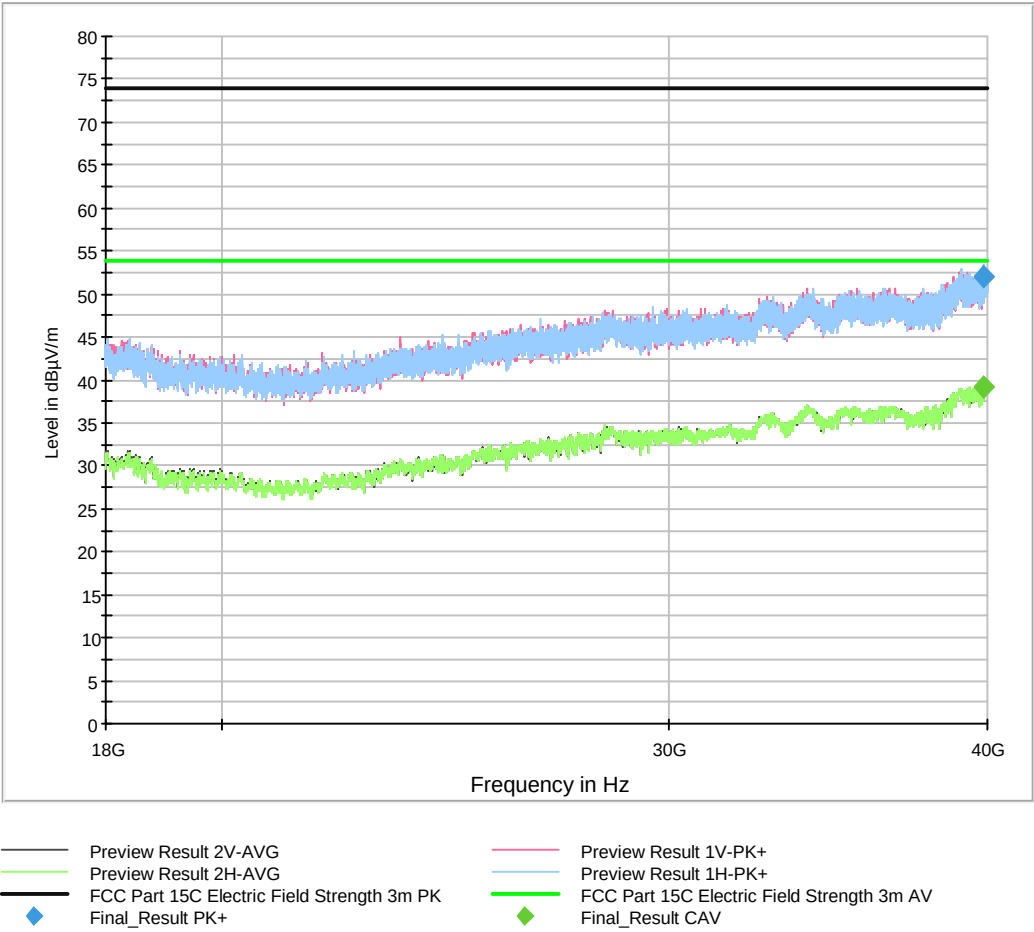


Final Results:

Frequency	MaxPeak	Average	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
12801.500000	---	44.61	53.98	9.36	1000.0	1000.000	200.0	V	15.0	44.3
12831.000000	54.36	---	73.98	19.62	1000.0	1000.000	200.0	V	15.0	44.3
14192.000000	---	47.65	53.98	6.33	1000.0	1000.000	200.0	V	45.0	47.0
14442.000000	58.49	---	73.98	15.49	1000.0	1000.000	200.0	V	45.0	47.3
14766.500000	---	48.36	53.98	5.62	1000.0	1000.000	200.0	H	45.0	47.6
15017.500000	59.06	---	73.98	14.92	1000.0	1000.000	200.0	V	15.0	47.5
17272.500000	---	51.85	53.98	2.13	1000.0	1000.000	200.0	V	75.0	50.5
17580.000000	62.23	---	73.98	11.75	1000.0	1000.000	200.0	H	45.0	50.1



Product Service

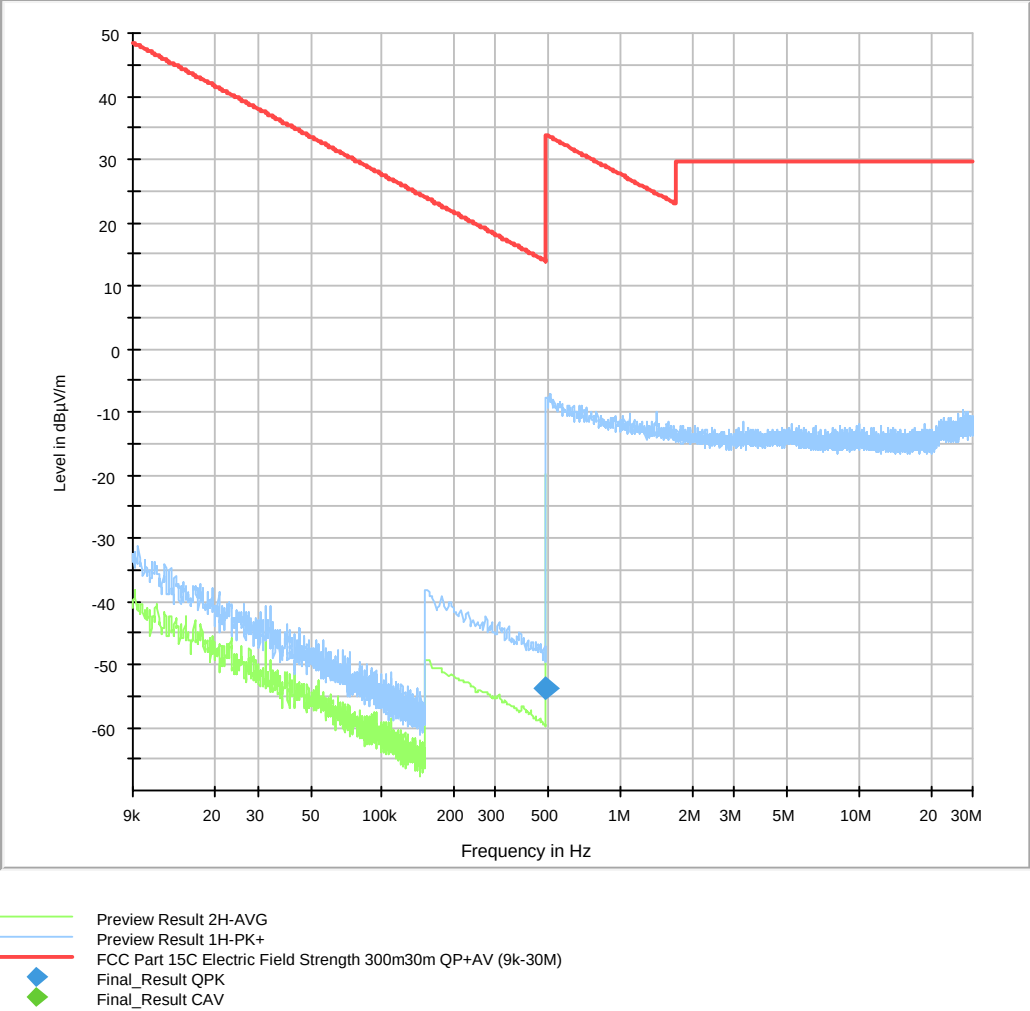


Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
39857.500000	---	39.27	53.98	14.71	1000.0	1000.000	214.0	V	12.0	35.2
39857.500000	51.94	---	73.98	22.04	1000.0	1000.000	214.0	V	12.0	35.2



3.1.6.10 Test Case 15

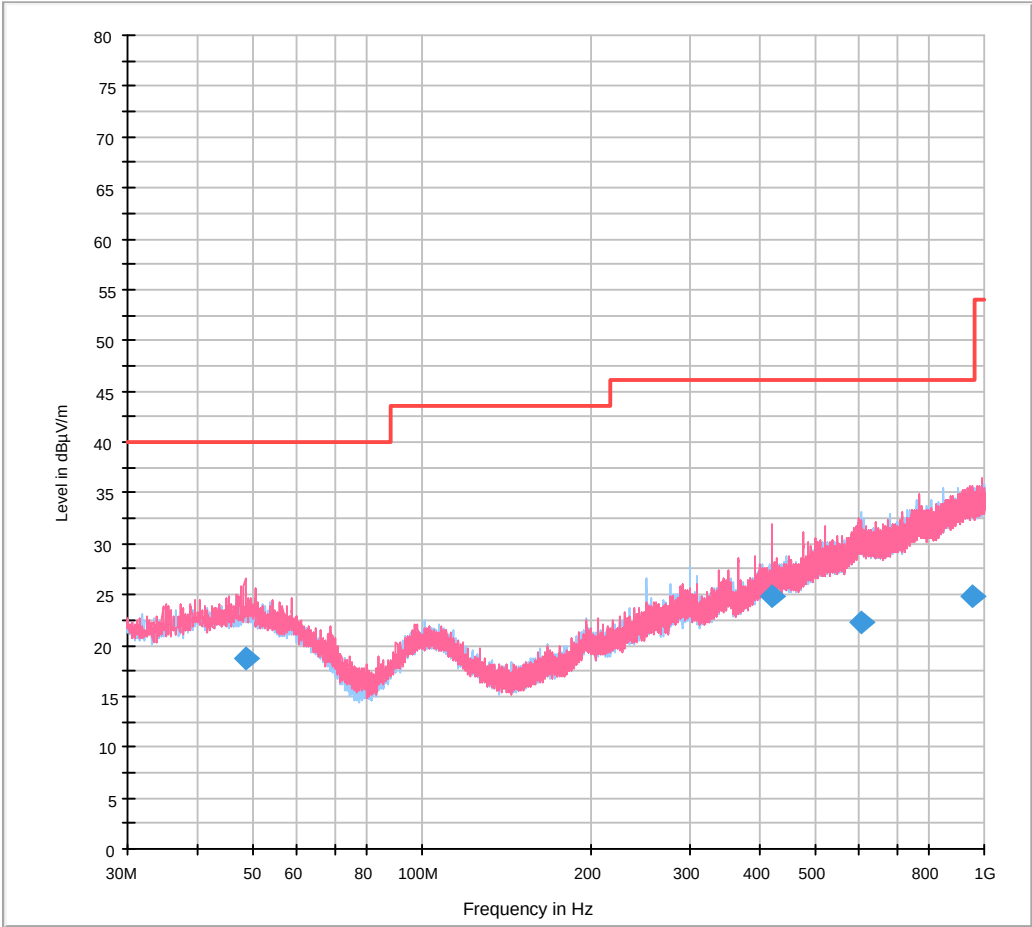


Final Results:

Frequency MHz	QuasiPeak dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
0.490000	-53.77	13.80	67.57	1000.0	9.000	100.0	H	115.0	-60.6



Product Service



Preview Result 1H-PK+
FCC Part 15C Electric Field Strength 3m QP

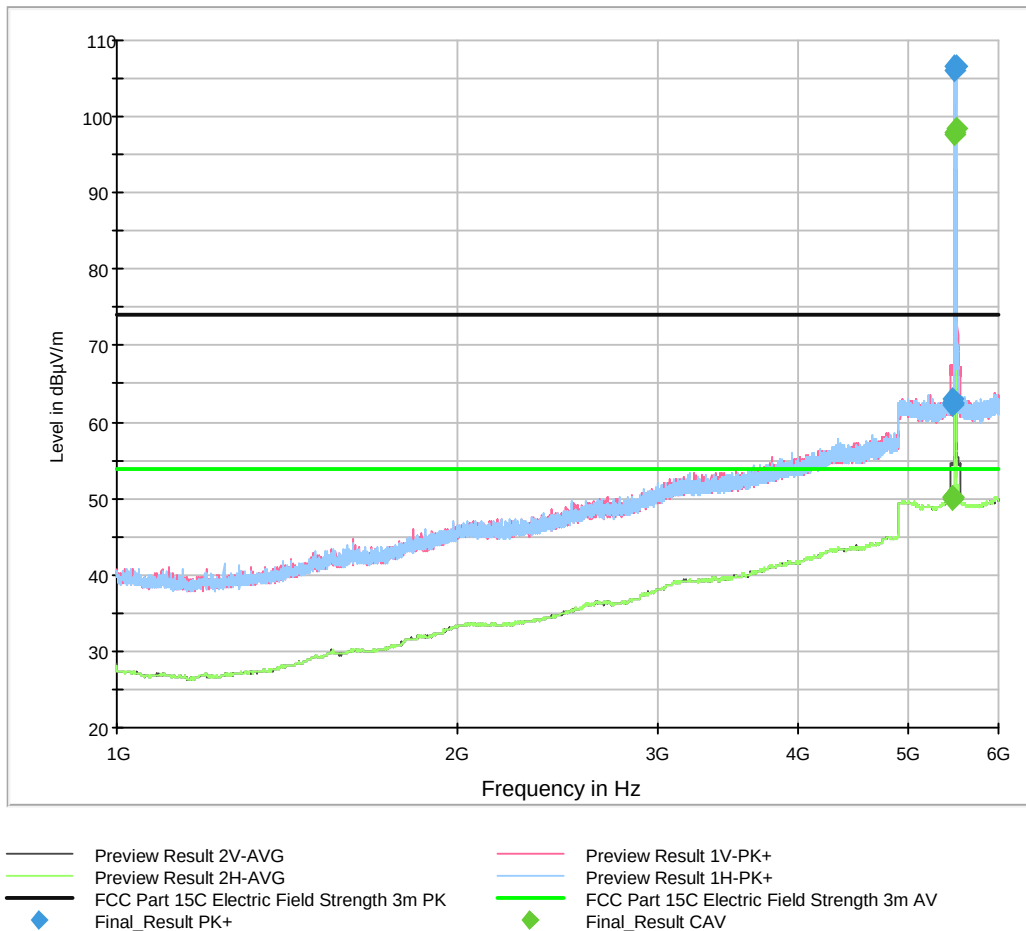
Preview Result 1V-PK+
Final_Result QPK

Final Results:

Frequency	QuasiPeak	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
48.450000	18.73	40.00	21.27	1000.0	120.000	150.0	V	-90.0	22.0
420.060000	24.82	46.02	21.20	1000.0	120.000	100.0	V	-90.0	25.6
604.350000	22.27	46.02	23.76	1000.0	120.000	100.0	H	-90.0	29.2
949.770000	24.89	46.02	21.13	1000.0	120.000	150.0	V	-90.0	32.8



Product Service



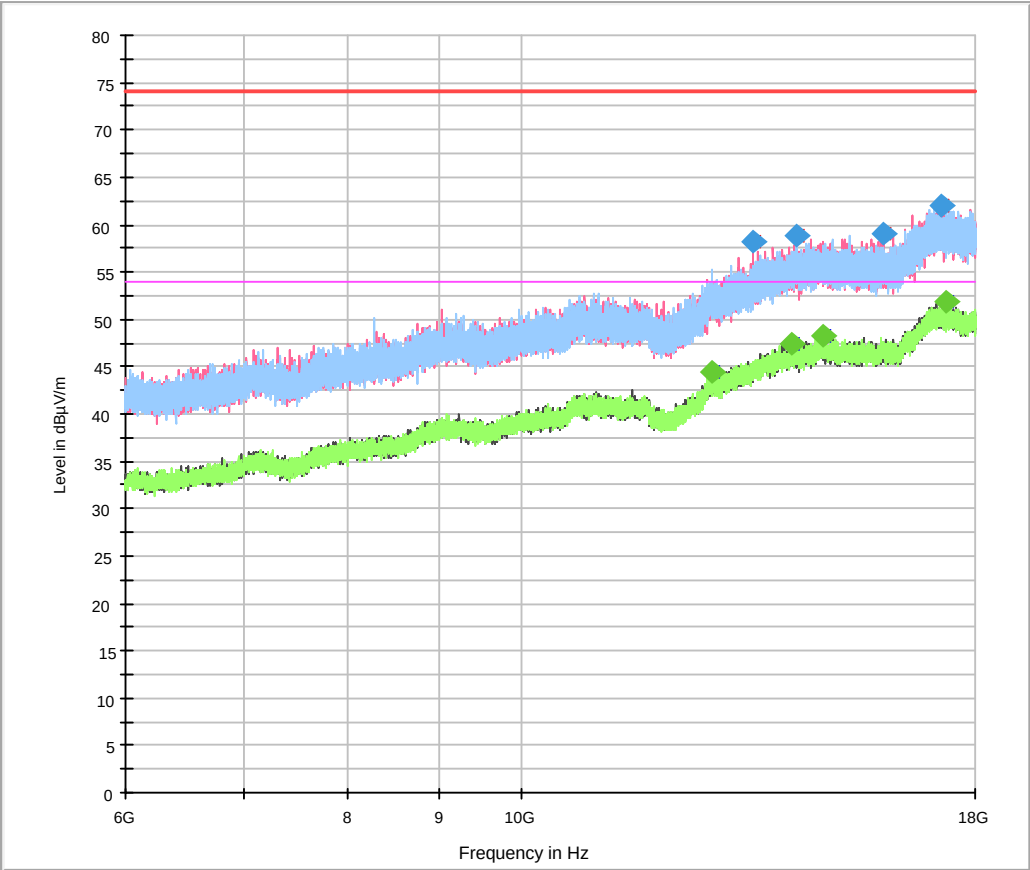
Final Results:

Frequency MHz	MaxPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
5456.500000	62.14	---	#1	#1	1000.0	1000.000	215.0	V	125.0	42.5
5456.500000	---	50.18	#1	#1	1000.0	1000.000	215.0	V	125.0	42.5
5457.250000	62.38	---	#1	#1	1000.0	1000.000	205.0	V	175.0	42.5
5457.250000	---	50.23	#1	#1	1000.0	1000.000	205.0	V	175.0	42.5
5458.250000	62.96	---	#1	#1	1000.0	1000.000	215.0	V	123.0	42.5
5458.250000	---	50.21	#1	#1	1000.0	1000.000	215.0	V	123.0	42.5
5470.000000	---	50.05	#1	#1	1000.0	1000.000	215.0	V	177.0	42.5
5470.000000	62.58	---	#1	#1	1000.0	1000.000	215.0	V	177.0	42.5
5472.500000	62.62	---	#1	#1	1000.0	1000.000	205.0	V	178.0	42.5
5472.500000	---	50.02	#1	#1	1000.0	1000.000	205.0	V	178.0	42.5
5492.500000	---	98.02	#1	#1	1000.0	1000.000	215.0	V	120.0	42.5
5492.500000	106.16	---	#1	#1	1000.0	1000.000	215.0	V	120.0	42.5
5493.500000	106.64	---	#1	#1	1000.0	1000.000	209.0	V	88.0	42.5
5493.500000	---	97.63	#1	#1	1000.0	1000.000	209.0	V	88.0	42.5
5507.500000	106.49	---	#1	#1	1000.0	1000.000	215.0	V	87.0	42.5
5507.500000	---	98.36	#1	#1	1000.0	1000.000	215.0	V	87.0	42.5

#1 Intentional Radiator with Wi-Fi



Product Service



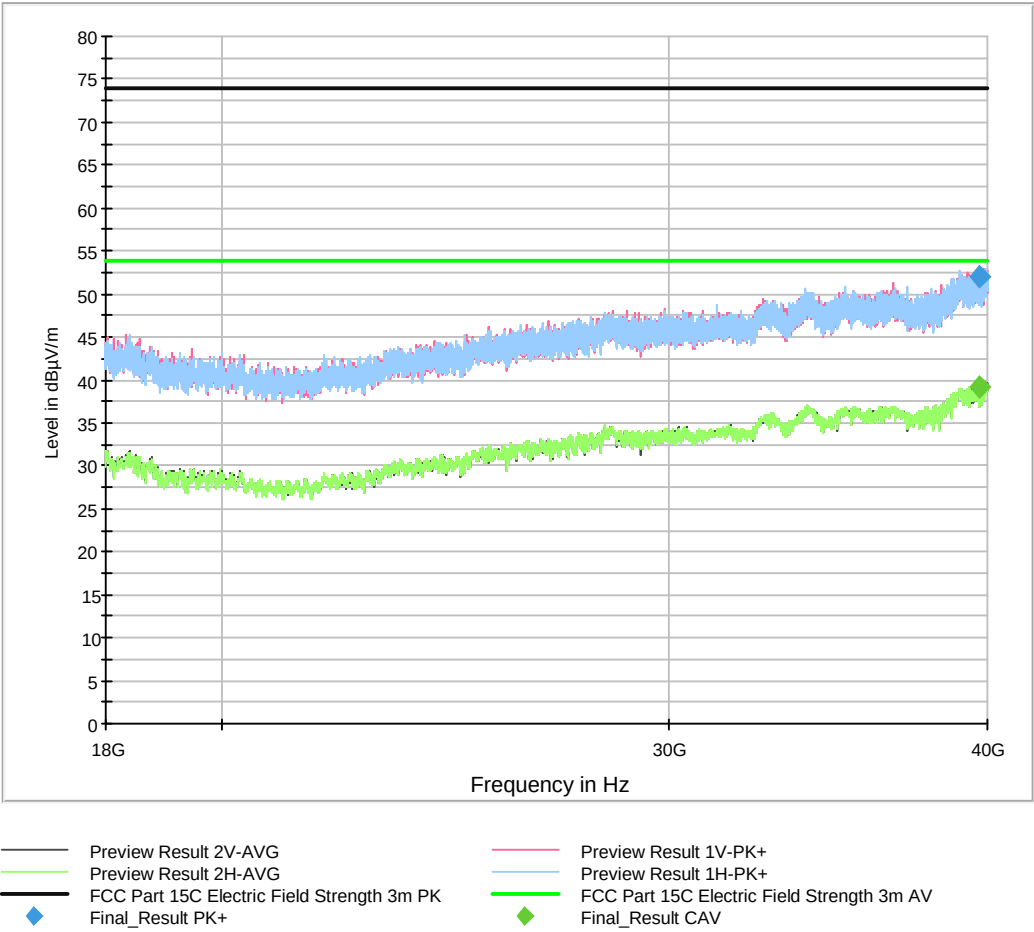
Preview Result 2V-AVG
Preview Result 2H-AVG
Critical_Freqs AVG
FCC Part 15C Electric Field Strength 3m PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
Critical_Freqs PK+
FCC Part 15C Electric Field Strength 3m AV
Final_Result AVG

Final Results:

Frequency	MaxPeak	Average	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
12805.500000	---	44.37	53.98	9.61	1000.0	1000.000	200.0	V	15.0	44.3
13494.500000	58.14	---	73.98	15.84	1000.0	1000.000	200.0	V	75.0	45.9
14178.500000	---	47.43	53.98	6.55	1000.0	1000.000	200.0	H	15.0	47.0
14294.000000	58.85	---	73.98	15.13	1000.0	1000.000	200.0	H	15.0	47.1
14782.500000	---	48.28	53.98	5.69	1000.0	1000.000	200.0	V	45.0	47.6
15981.500000	59.01	---	73.98	14.97	1000.0	1000.000	200.0	V	75.0	47.1
17216.500000	61.96	---	73.98	12.02	1000.0	1000.000	200.0	V	45.0	50.7
17318.000000	---	51.87	53.98	2.11	1000.0	1000.000	200.0	V	15.0	50.5



Product Service



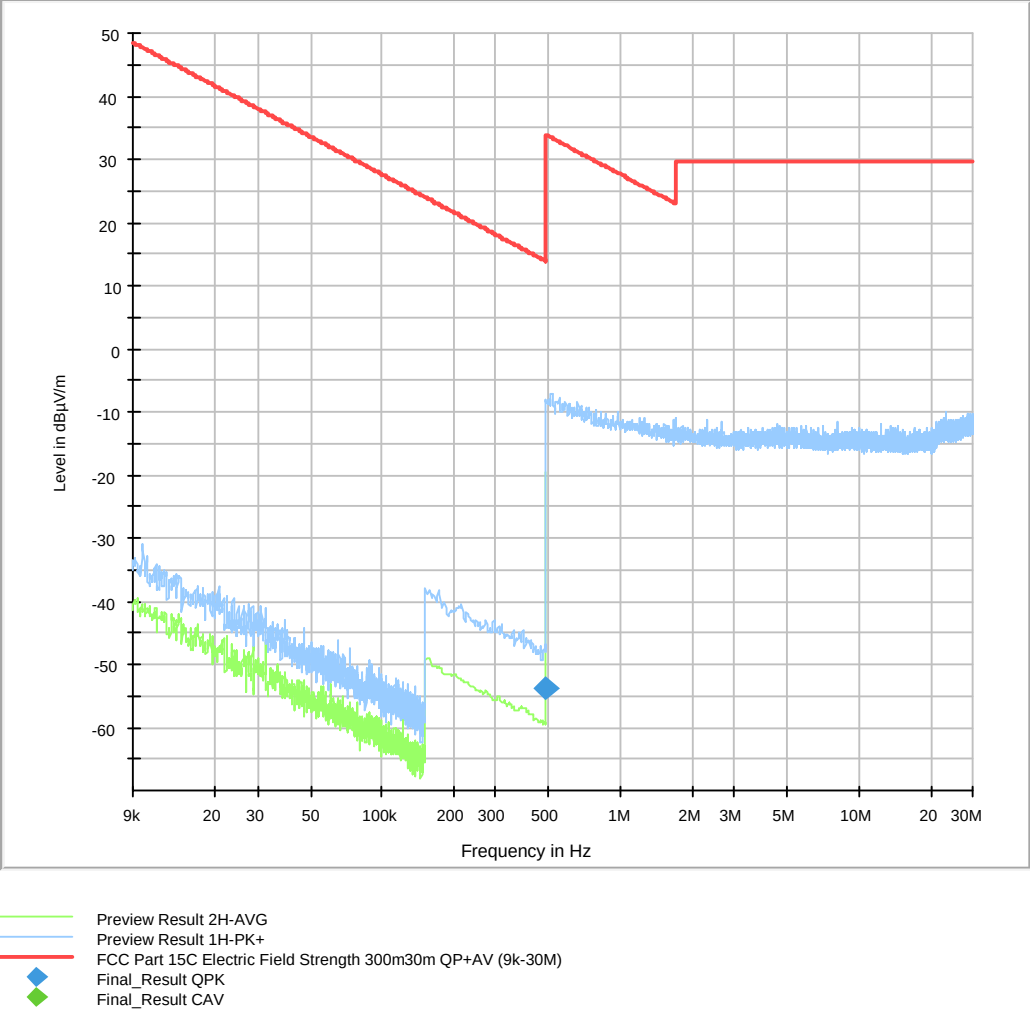
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
39696.750000	---	39.11	53.98	14.87	1000.0	1000.000	200.0	V	10.0	35.1
39696.750000	51.94	---	73.98	22.04	1000.0	1000.000	200.0	V	10.0	35.1



Product Service

3.1.6.11 Test Case 16

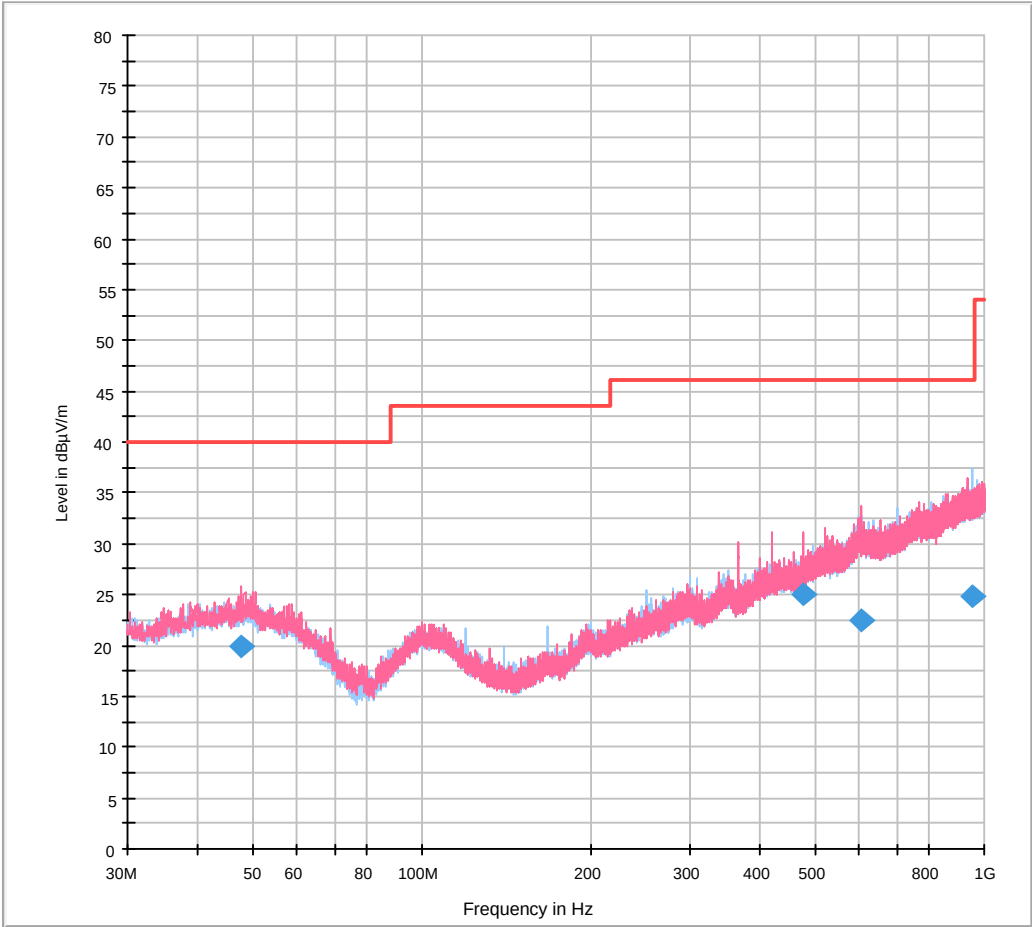


Final Results:

Frequency MHz	QuasiPeak dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
0.490000	-53.85	13.80	67.65	1000.0	9.000	100.0	H	145.0	-60.6



Product Service



Preview Result 1H-PK+
FCC Part 15C Electric Field Strength 3m QP

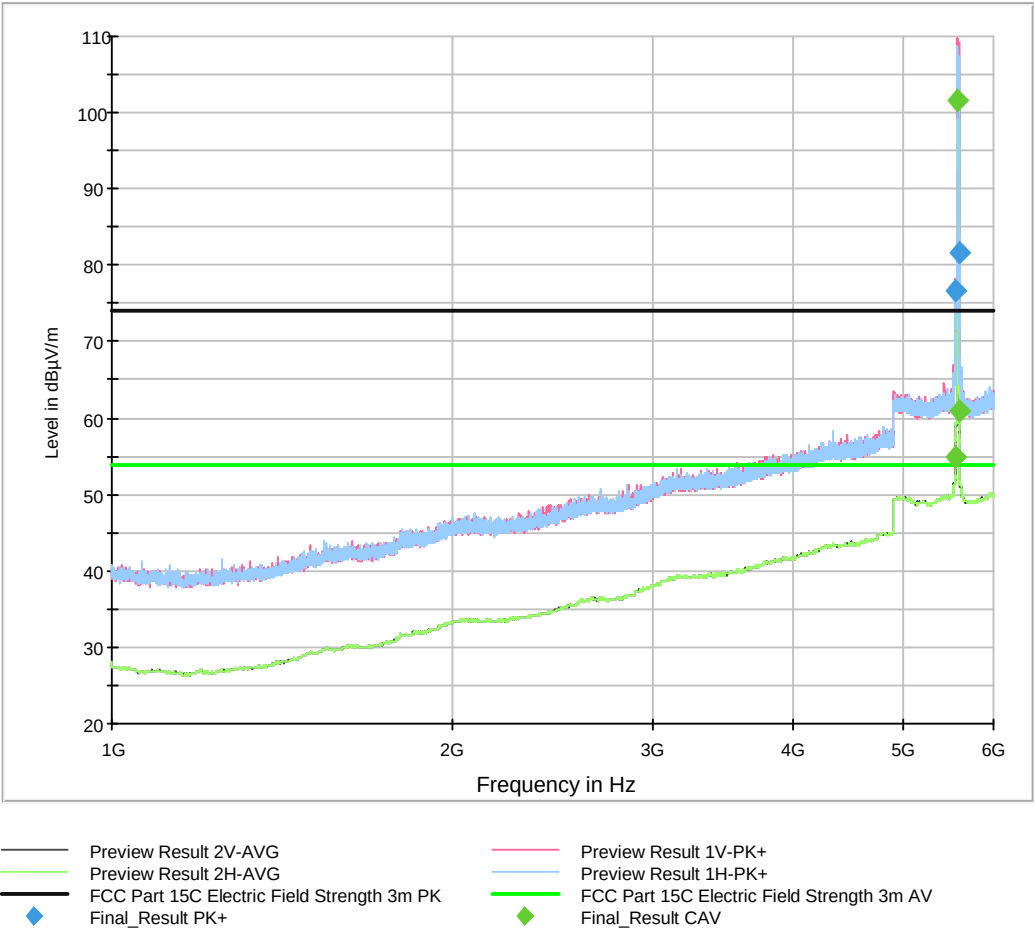
Preview Result 1V-PK+
Final_Result QPK

Final Results:

Frequency	QuasiPeak	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBμV/m	dBμV/m	dB	ms	kHz	cm		deg	dB
47.790000	19.96	40.00	20.04	1000.0	120.000	150.0	V	-90.0	22.0
475.980000	25.11	46.02	20.91	1000.0	120.000	100.0	V	-90.0	26.2
604.920000	22.37	46.02	23.65	1000.0	120.000	150.0	V	-90.0	29.3
952.350000	24.87	46.02	21.15	1000.0	120.000	100.0	H	-90.0	32.8



Product Service



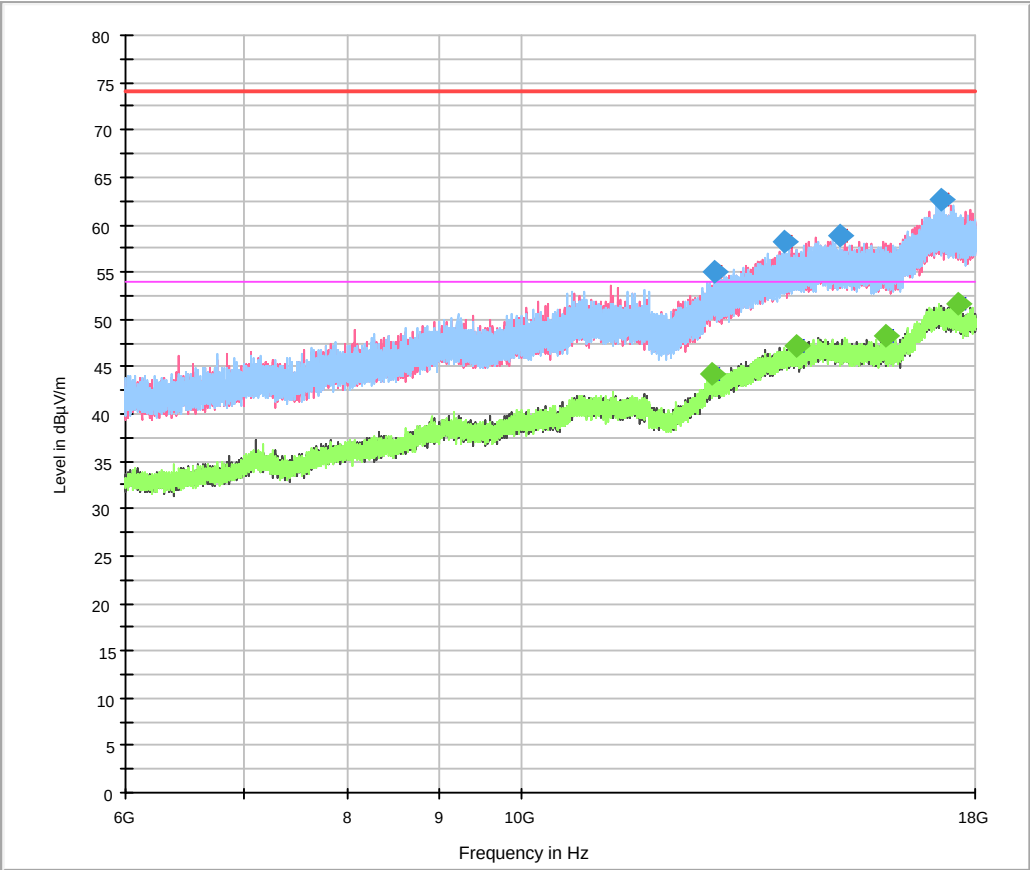
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
5557.500000	---	54.91	#1	#1	1000.0	1000.000	205.0	V	185.0	42.5
5557.500000	76.72	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.5
5577.500000	---	101.58	#1	#1	1000.0	1000.000	215.0	V	177.0	42.5
5577.500000	110.91	---	#1	#1	1000.0	1000.000	215.0	V	177.0	42.5
5597.750000	---	61.05	#1	#1	1000.0	1000.000	205.0	V	175.0	42.5
5597.750000	81.58	---	#1	#1	1000.0	1000.000	205.0	V	175.0	42.5

#1 Intentional Radiator with Wi-Fi



Product Service

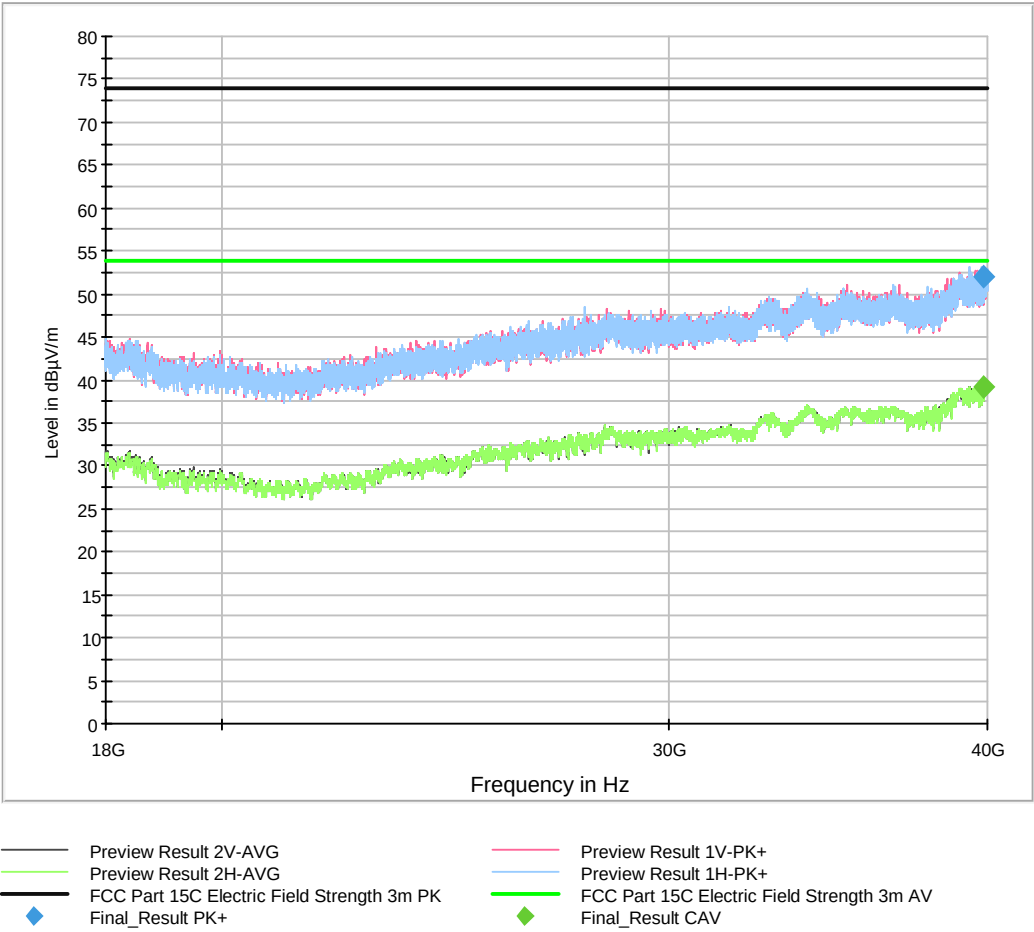


Final Results:

Frequency	MaxPeak	Average	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
12825.500000	---	44.23	53.98	9.75	1000.0	1000.000	200.0	H	14.0	44.3
12861.000000	54.99	---	73.98	18.99	1000.0	1000.000	202.0	H	75.0	44.4
14049.500000	58.20	---	73.98	15.78	1000.0	1000.000	200.0	H	75.0	47.0
14280.000000	---	47.30	53.98	6.68	1000.0	1000.000	200.0	H	41.0	47.1
15118.000000	58.73	---	73.98	15.24	1000.0	1000.000	201.0	H	15.0	47.2
16039.000000	---	48.16	53.98	5.82	1000.0	1000.000	200.0	H	75.0	47.1
17227.500000	62.60	---	73.98	11.38	1000.0	1000.000	200.0	H	15.0	50.7
17623.000000	---	51.65	53.98	2.33	1000.0	1000.000	204.0	H	14.0	50.0



Product Service



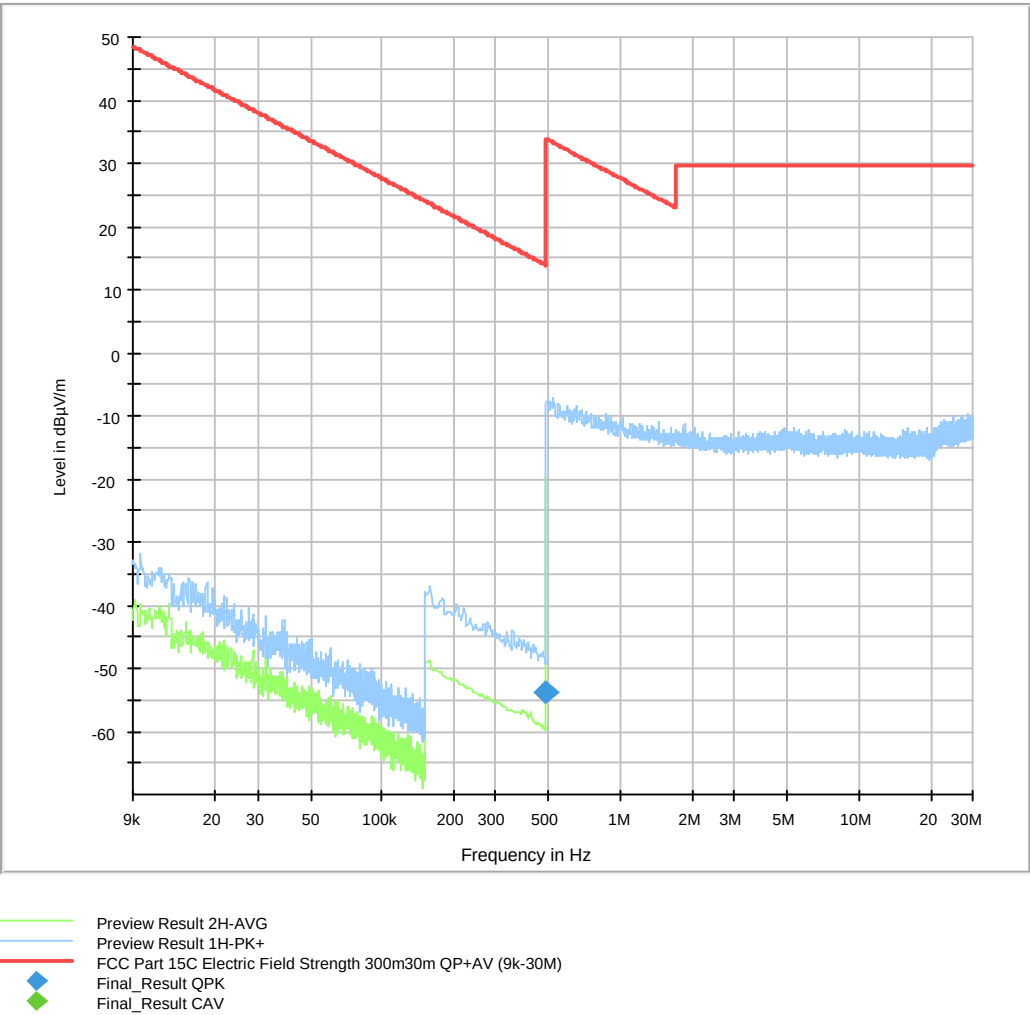
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
39857.000000	---	39.23	53.98	14.75	1000.0	1000.000	200.0	V	10.0	35.2
39857.000000	52.08	---	73.98	21.89	1000.0	1000.000	200.0	V	10.0	35.2



Product Service

3.1.6.12 Test Case 17

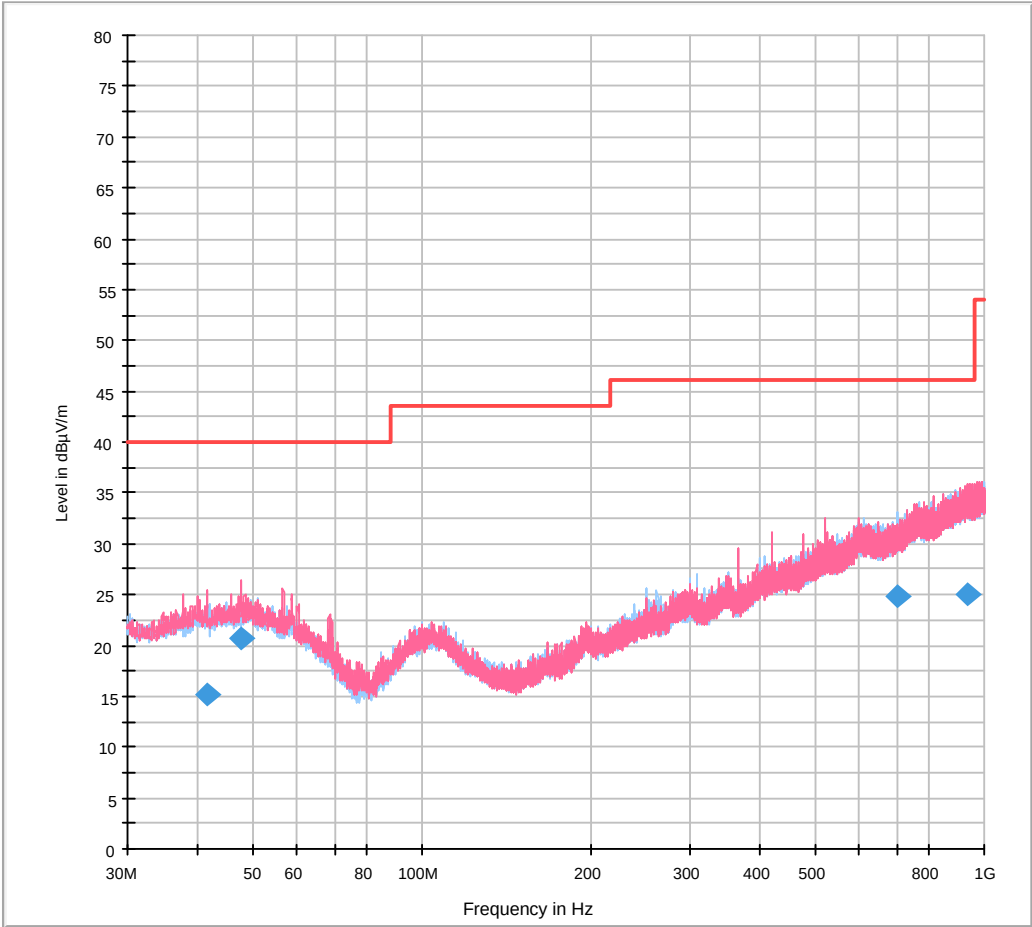


Final Results:

Frequency MHz	QuasiPeak dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
0.490000	-53.79	13.80	67.59	1000.0	9.000	100.0	H	115.0	-60.6



Product Service



Preview Result 1H-PK+
FCC Part 15C Electric Field Strength 3m QP

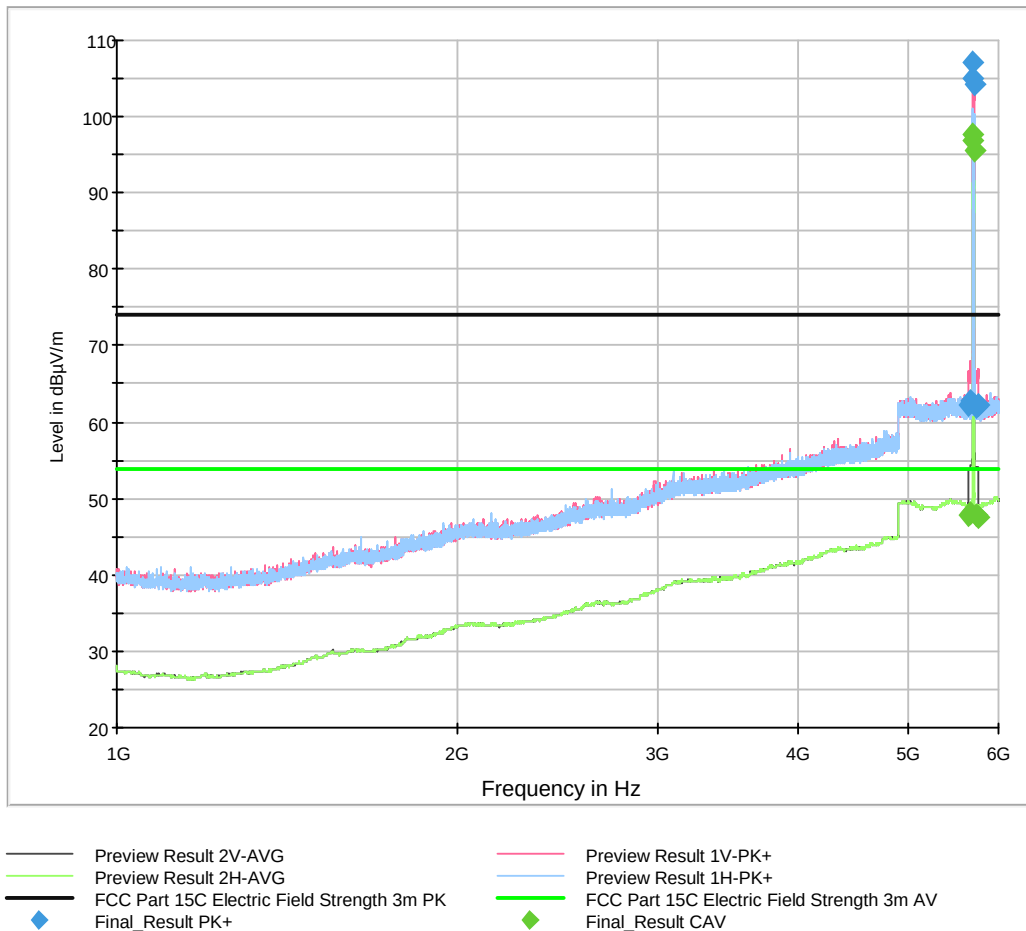
Preview Result 1V-PK+
Final_Result QPK

Final Results:

Frequency	QuasiPeak	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
41.610000	15.09	40.00	24.91	1000.0	120.000	100.0	V	-90.0	21.1
47.790000	20.74	40.00	19.26	1000.0	120.000	100.0	V	-90.0	22.0
700.020000	24.81	46.02	21.21	1000.0	120.000	100.0	H	-30.0	29.8
933.330000	25.04	46.02	20.98	1000.0	120.000	150.0	V	30.0	32.8



Product Service



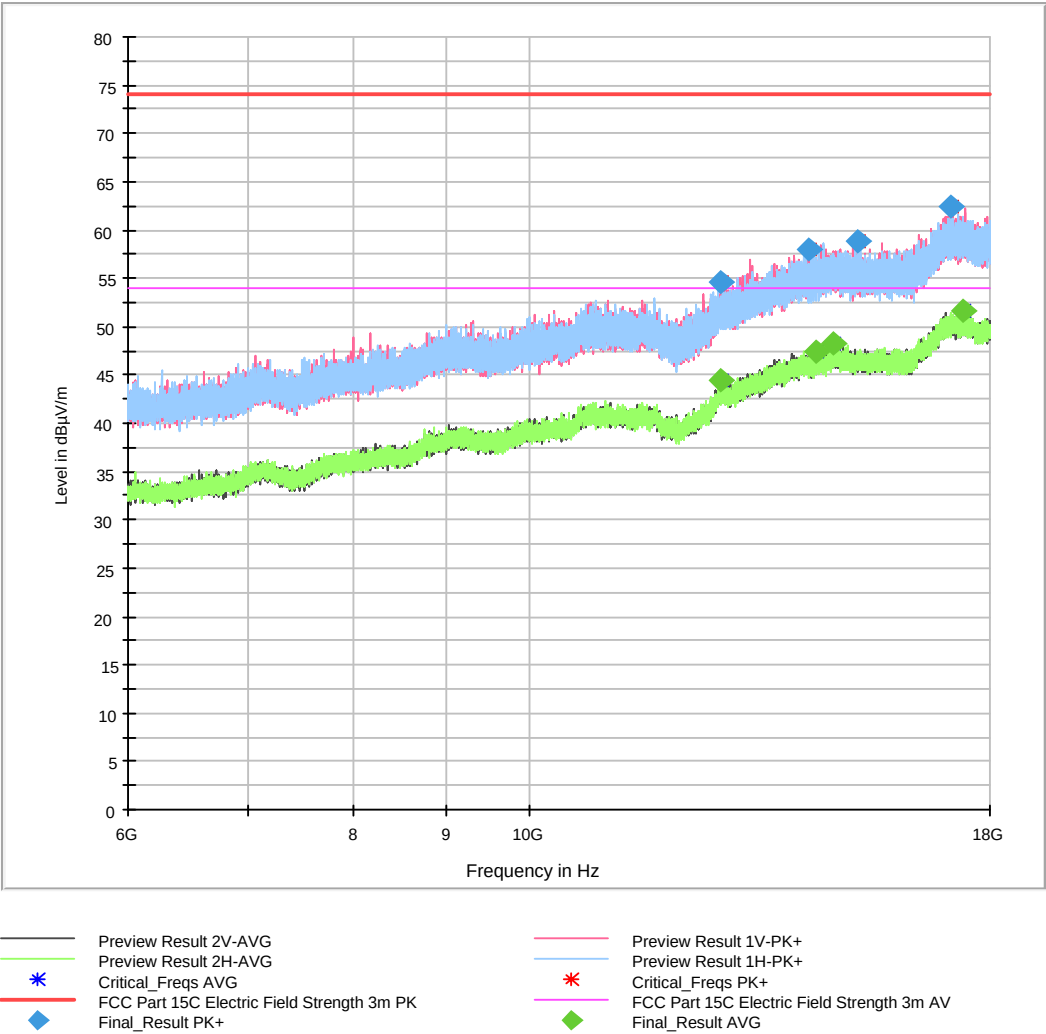
Final Results:

Frequency MHz	MaxPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
5653.000000	---	47.72	#1	#1	1000.0	1000.000	215.0	V	185.0	42.4
5653.000000	62.29	---	#1	#1	1000.0	1000.000	215.0	V	185.0	42.4
5668.500000	62.71	---	#1	#1	1000.0	1000.000	205.0	V	183.0	42.4
5668.500000	---	47.99	#1	#1	1000.0	1000.000	205.0	V	183.0	42.4
5692.750000	---	96.76	#1	#1	1000.0	1000.000	215.0	V	121.0	42.3
5692.750000	105.06	---	#1	#1	1000.0	1000.000	215.0	V	121.0	42.3
5697.750000	107.10	---	#1	#1	1000.0	1000.000	215.0	V	120.0	42.3
5697.750000	---	97.59	#1	#1	1000.0	1000.000	215.0	V	120.0	42.3
5706.000000	104.19	---	#1	#1	1000.0	1000.000	215.0	V	185.0	42.3
5706.000000	---	95.46	#1	#1	1000.0	1000.000	215.0	V	185.0	42.3
5736.500000	61.91	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5736.500000	---	47.69	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5750.500000	62.19	0.00	#1	#1	1000.0	1000.000	215.0	V	95.0	42.3
5750.500000	0.00	47.63	#1	#1	1000.0	1000.000	215.0	V	95.0	42.3

#1 Intentional Radiator with Wi-Fi



Product Service

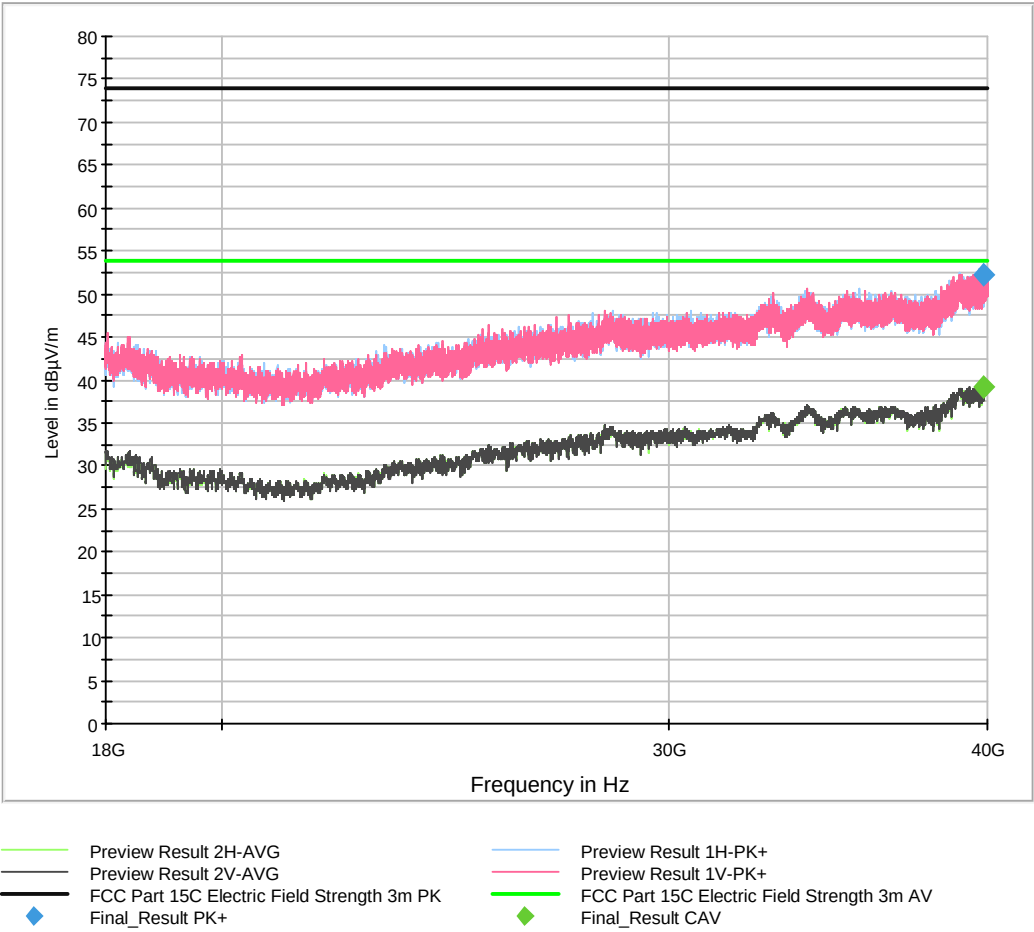


Final Results:

Frequency	MaxPeak	Average	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
12763.500000	---	44.51	53.98	9.47	1000.0	1000.000	201.0	H	77.0	44.1
12774.000000	54.57	---	73.98	19.41	1000.0	1000.000	201.0	V	17.0	44.2
14284.000000	57.96	---	73.98	16.02	1000.0	1000.000	201.0	V	47.0	47.1
14425.500000	---	47.43	53.98	6.55	1000.0	1000.000	201.0	V	17.0	47.3
14758.500000	---	48.27	53.98	5.71	1000.0	1000.000	201.0	H	77.0	47.6
15225.500000	58.91	---	73.98	15.07	1000.0	1000.000	201.0	V	17.0	47.1
17138.000000	62.53	---	73.98	11.45	1000.0	1000.000	201.0	H	47.0	50.9
17371.000000	---	51.63	53.98	2.35	1000.0	1000.000	201.0	H	47.0	50.4



Product Service



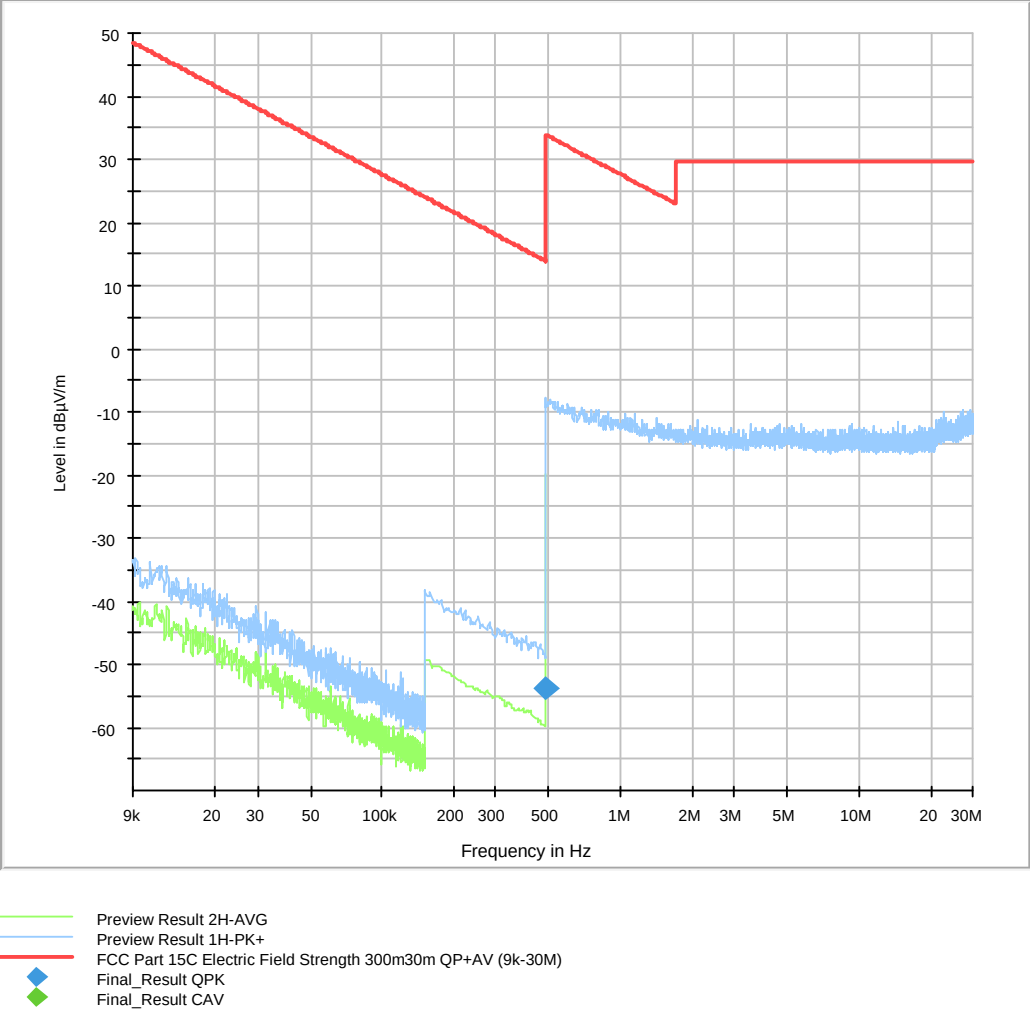
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		dB
39856.500000	---	39.19	53.98	14.79	1000.0	1000.000	200.0	V	35.2
39856.500000	52.36	---	73.98	21.62	1000.0	1000.000	200.0	V	35.2



Product Service

3.1.6.13 Test Case 18

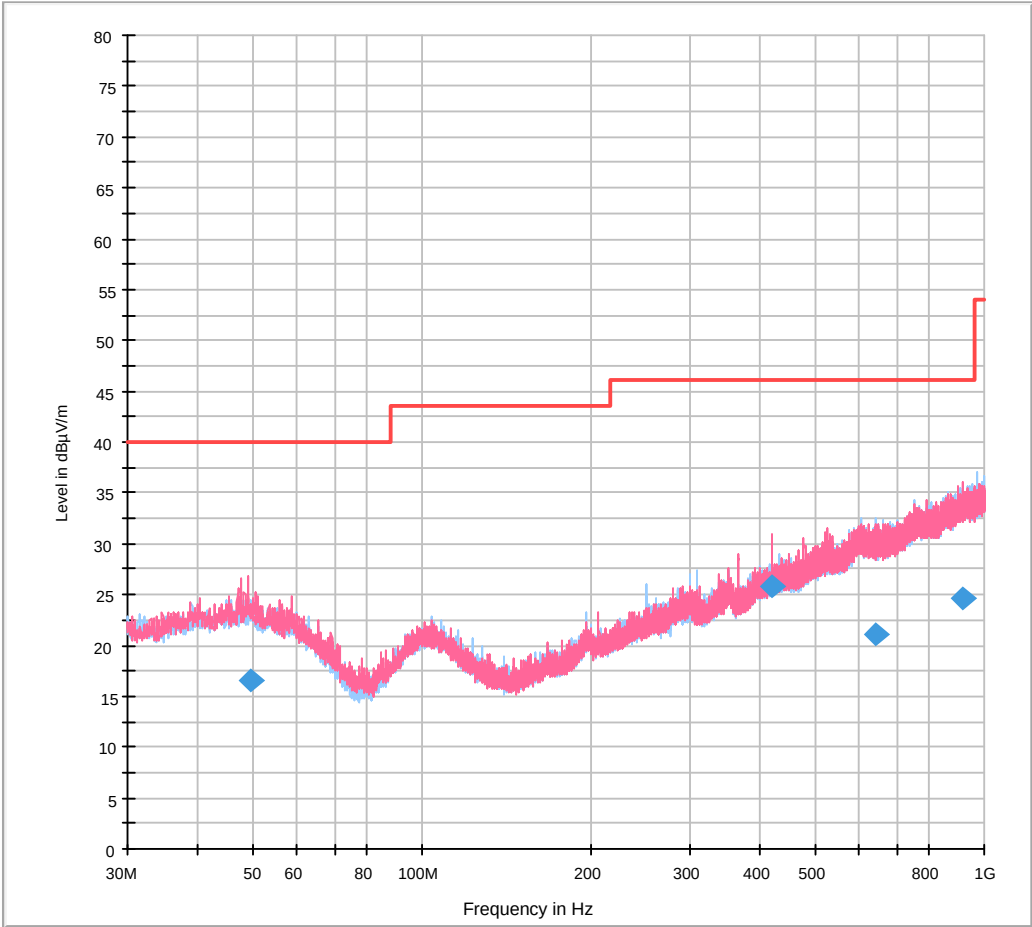


Final Results:

Frequency MHz	QuasiPeak dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
0.490000	-53.82	13.80	67.62	1000.0	9.000	100.0	H	145.0	-60.6



Product Service



Preview Result 1H-PK+
FCC Part 15C Electric Field Strength 3m QP

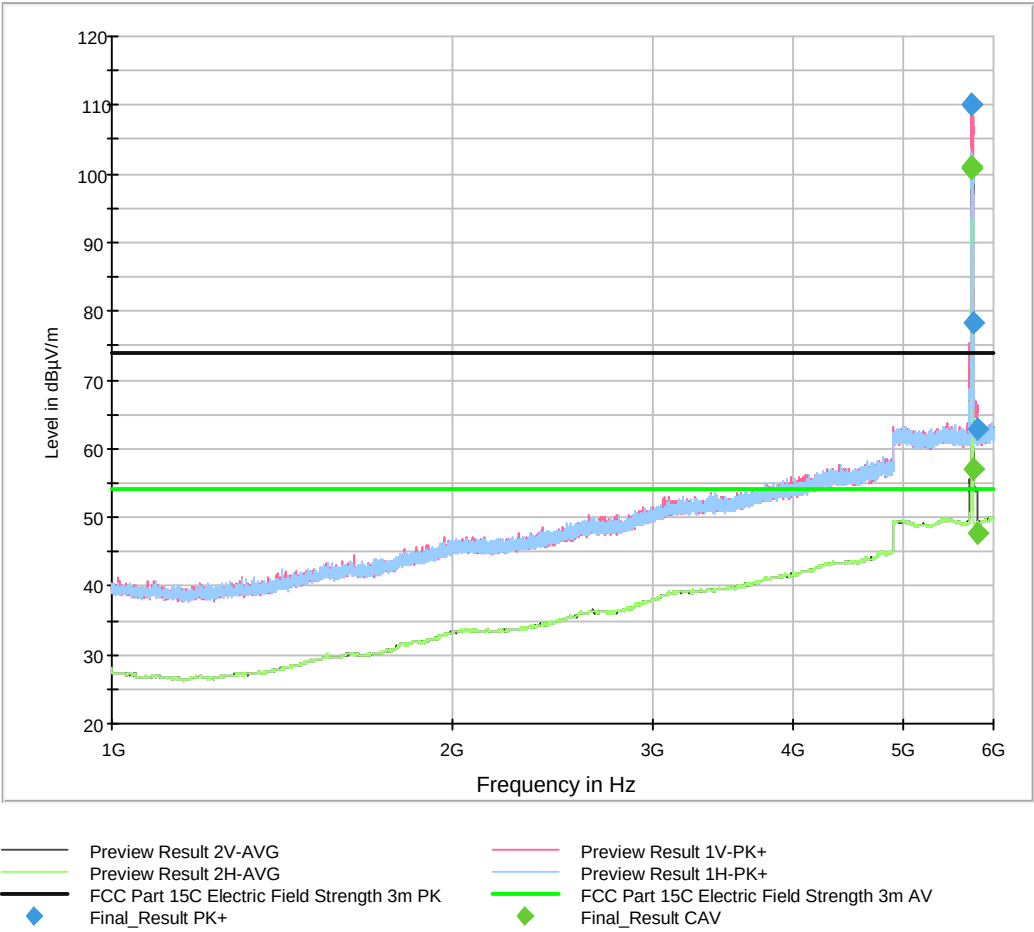
Preview Result 1V-PK+
Final_Result QPK

Final Results:

Frequency	QuasiPeak	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBμV/m	dBμV/m	dB	ms	kHz	cm		deg	dB
49.620000	16.52	40.00	23.48	1000.0	120.000	100.0	V	-90.0	22.0
419.940000	25.80	46.02	20.22	1000.0	120.000	100.0	V	-90.0	25.6
640.350000	21.14	46.02	24.88	1000.0	120.000	150.0	H	-30.0	29.3
918.270000	24.66	46.02	21.36	1000.0	120.000	100.0	V	30.0	32.8



Product Service



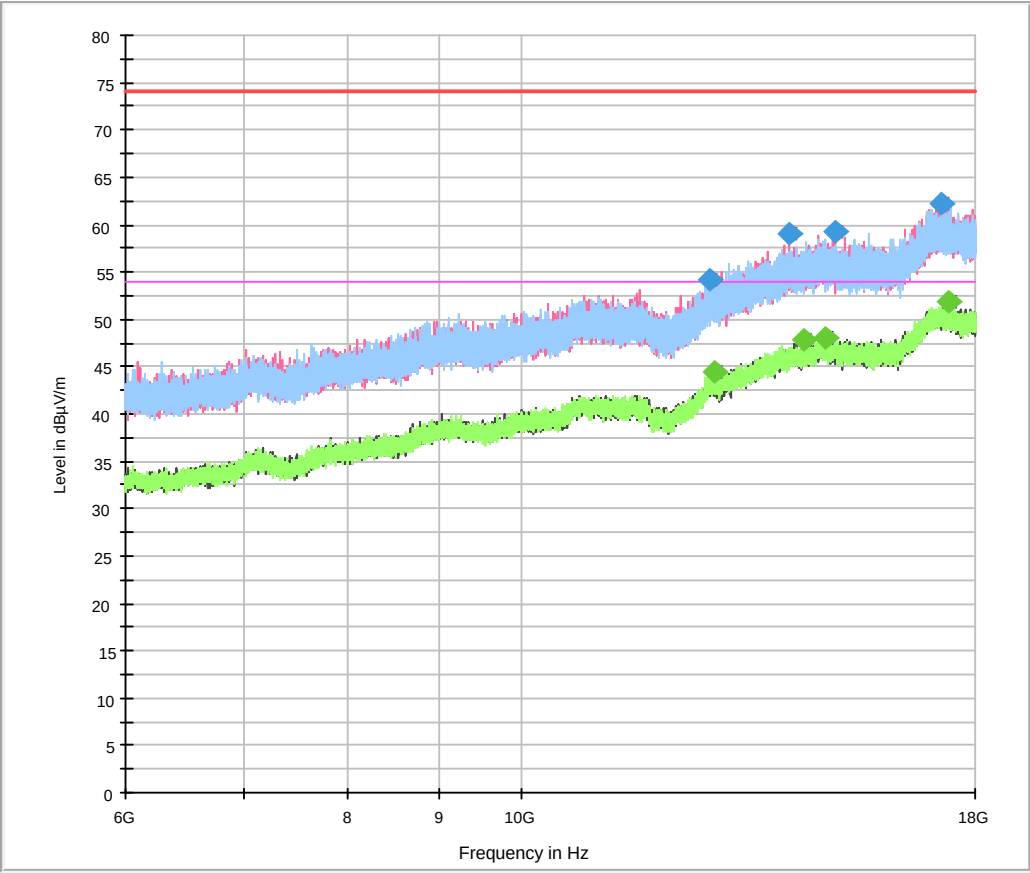
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
5742.500000	110.20	---	#1	#1	1000.0	1000.000	211.0	V	185.0	42.3
5742.500000	---	100.78	#1	#1	1000.0	1000.000	211.0	V	185.0	42.3
5747.500000	110.15	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5747.500000	---	100.98	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5761.000000	---	57.05	#1	#1	1000.0	1000.000	205.0	V	125.0	42.3
5761.000000	78.37	---	#1	#1	1000.0	1000.000	205.0	V	125.0	42.3
5798.000000	---	47.79	#1	#1	1000.0	1000.000	205.0	V	185.0	42.4
5798.000000	62.99	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.4

#1 Intentional Radiator with Wi-Fi



Product Service



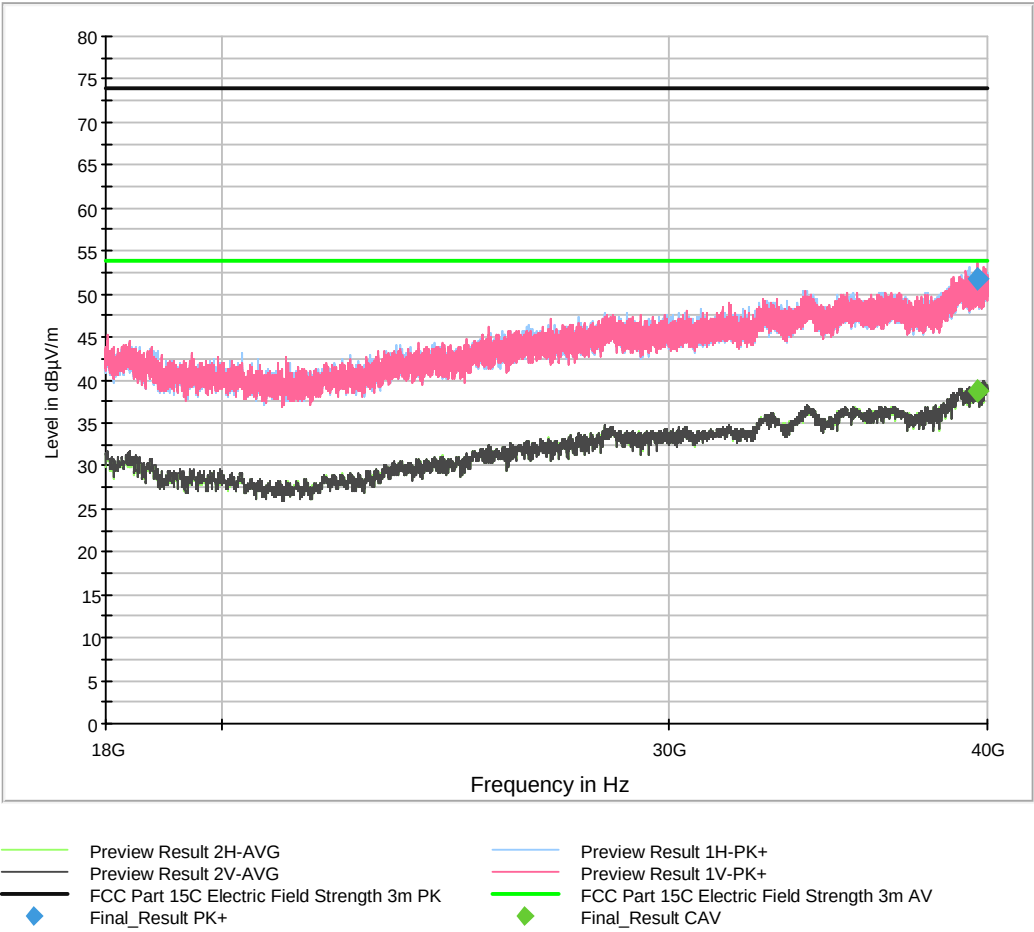
Preview Result 2V-AVG
Preview Result 2H-AVG
* Critical_Freqs AVG
FCC Part 15C Electric Field Strength 3m PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
* Critical_Freqs PK+
FCC Part 15C Electric Field Strength 3m AV
Final_Result AVG

Final Results:

Frequency	MaxPeak	Average	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
12776.500000	54.09	---	73.98	19.89	1000.0	1000.000	199.0	V	76.0	44.2
12863.500000	---	44.40	53.98	9.58	1000.0	1000.000	199.0	H	46.0	44.4
14164.500000	59.13	---	73.98	14.85	1000.0	1000.000	199.0	V	76.0	47.0
14431.000000	---	47.75	53.98	6.22	1000.0	1000.000	199.0	V	46.0	47.3
14824.500000	---	48.08	53.98	5.90	1000.0	1000.000	199.0	H	76.0	47.5
15035.000000	59.21	---	73.98	14.77	1000.0	1000.000	199.0	V	16.0	47.4
17223.500000	62.25	---	73.98	11.72	1000.0	1000.000	199.0	H	76.0	50.7
17397.500000	---	51.76	53.98	2.22	1000.0	1000.000	199.0	V	76.0	50.3



Product Service



Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
39663.000000	---	38.81	53.98	15.17	1000.0	1000.000	201.0	V	5.0	35.0
39663.000000	51.85	---	73.98	22.13	1000.0	1000.000	201.0	V	5.0	35.0



FCC 47 CFR Part 15, Limit Clause 15.209

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$)	Measurement Distance (m)
0.009 to 0.490	2400/F (kHz)	300
0.490 to 1.705	24000/F (kHz)	30
1705 to 30	30	30
30 to 88	100**	3
88 to 216	150**	3
216 to 960	200**	3
Above 960	500	5

ISED Canada RSS-247

Frequency	Electric Field Strength ($\mu\text{V}/\text{m}$)	Magnetic Field Strength (H-Field) ($\mu\text{A}/\text{m}$)	Measurement Distance (m)
9 - 490 kHz	2,400/F (F in kHz)	2,400/377F (F in kHz)	300
490 - 1,705 kHz	24,000/F (F in kHz)	24,000/377F (F in kHz)	30
1,705 kHz - 30 MHz	30	N/A	30

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$ at 3 m)
30 - 88	100
88 - 216	150
216 - 960	200
> 960	500

3.1.7 Test Location and Test Equipment Used

The test was carried out in semi anechoic room no. 11 and no. 3:

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
EMI test receiver	Rohde & Schwarz	ESW44	39897	12	2026-03-31
EMI test receiver	Rohde & Schwarz GmbH & Co. KG	ESW26	28268	12	2026-07-31
RF matrix cabin 11	TÜV SÜD	RF Matrix with filter	47622	24	2027-05-31
Loop antenna	Schwarzbeck	FMZB 1519 C	72526	36	2028-01-31
ULTRALOG Antenna	Rohde & Schwarz	HL562E	61486	36	2026-04-30
Double ridged horn antenna	Rohde & Schwarz	HF907	40089	24	2026-11-30
Horn antenna with preamplifier	Rohde & Schwarz	A-INFOMW LB-180400H-KF + TS-LNA1840	43661	24	2027-01-31
TRILOG Broadband Antenna	Schwarzbeck Mess-Elektronik	VULB 9163	19669	---	2026-10-31
Semi anechoic room	Frankonia	Cabin no. 11	42961	---	---
Semi anechoic room	Frankonia	Cabin no. 3	56331	---	---
EMC measurement software	Rohde & Schwarz	EMC32 Emission – V11.50	42986	---	---

Table 5



Product Service

3.2 Authorised Band Edges

3.2.1 Specification Reference

FCC 47 CFR Part 15C, ISED Canada RSS-247 and ISED Canada RSS-GEN

3.2.2 Equipment Under Test and Modification State

JODY-W377-00B, S/N: 4999720 - Modification State 0

3.2.3 Date of Test

2025-09-18 - 2025-10-06

3.2.4 Test Method

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05 8.7 and ANSI C63.10-2020

3.2.5 Environmental Conditions

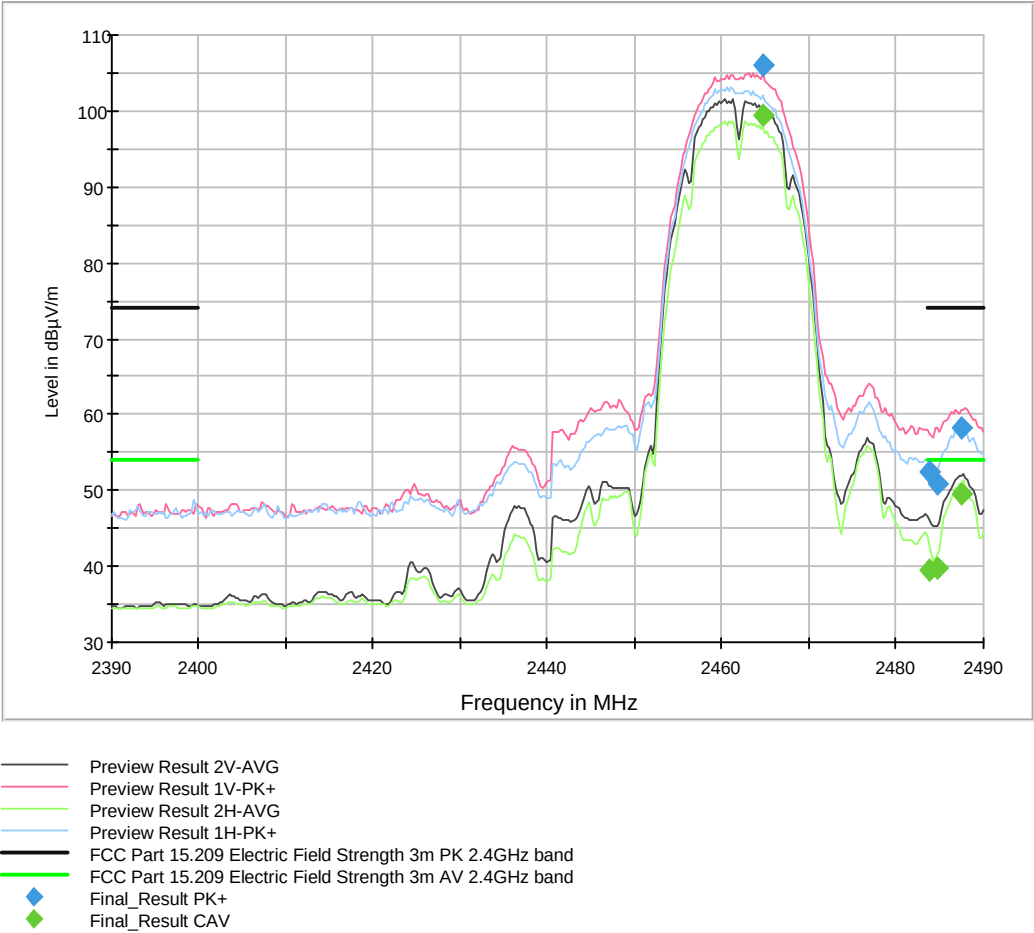
Ambient Temperature	23.0 °C
Relative Humidity	35.0 %

3.2.6 Test Results



Product Service

3.2.6.1 Test Case 3



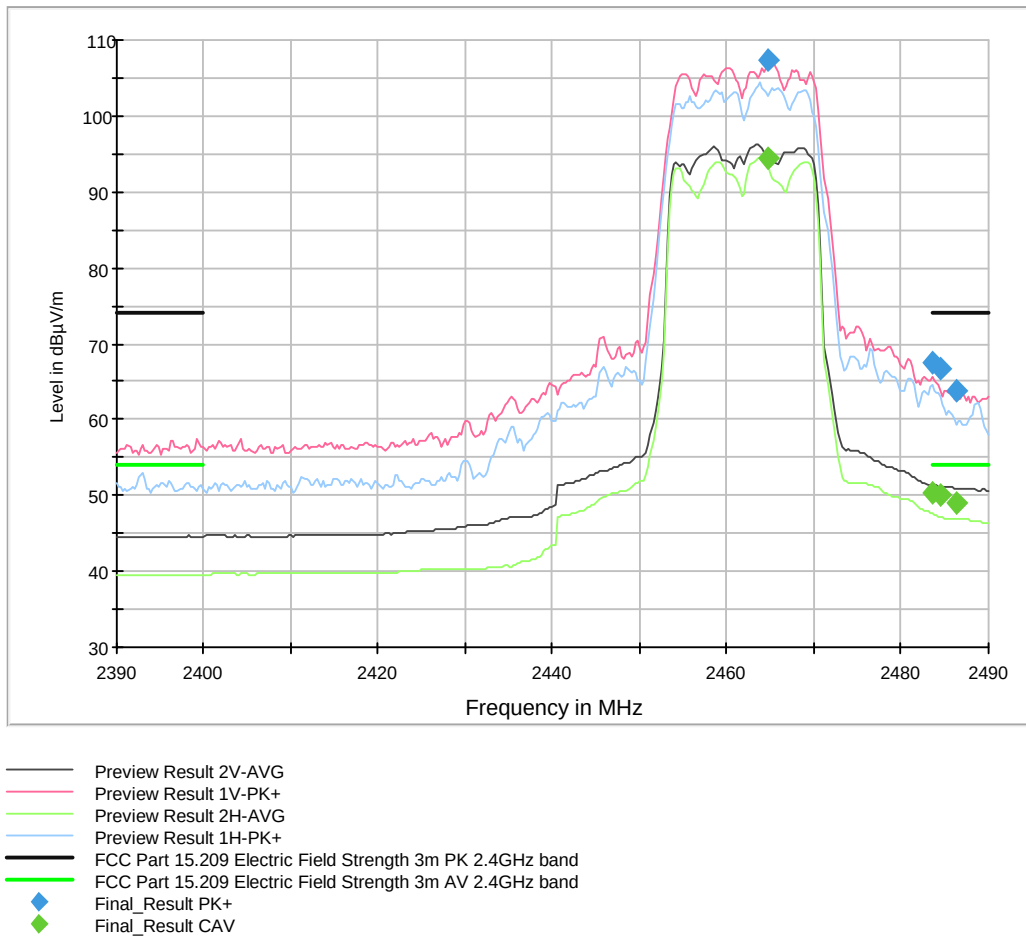
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
2464.750000	---	99.45	#1	#1	1000.0	1000.000	213.0	V	100.0	34.0
2464.750000	106.17	---	#1	#1	1000.0	1000.000	213.0	V	100.0	34.0
2483.750000	52.45	---	74.00	21.55	1000.0	1000.000	220.0	V	-5.0	34.2
2483.750000	---	39.43	54.00	14.57	1000.0	1000.000	220.0	V	-5.0	34.2
2484.750000	---	39.83	54.00	14.17	1000.0	1000.000	203.0	V	87.0	34.2
2484.750000	50.88	---	74.00	23.12	1000.0	1000.000	203.0	V	87.0	34.2
2487.500000	58.32	---	74.00	15.68	1000.0	1000.000	220.0	V	-7.0	34.2
2487.500000	---	49.60	54.00	4.40	1000.0	1000.000	220.0	V	-6.0	34.2

#1 Intentional Radiator with Wi-Fi



3.2.6.2 Test Case 4



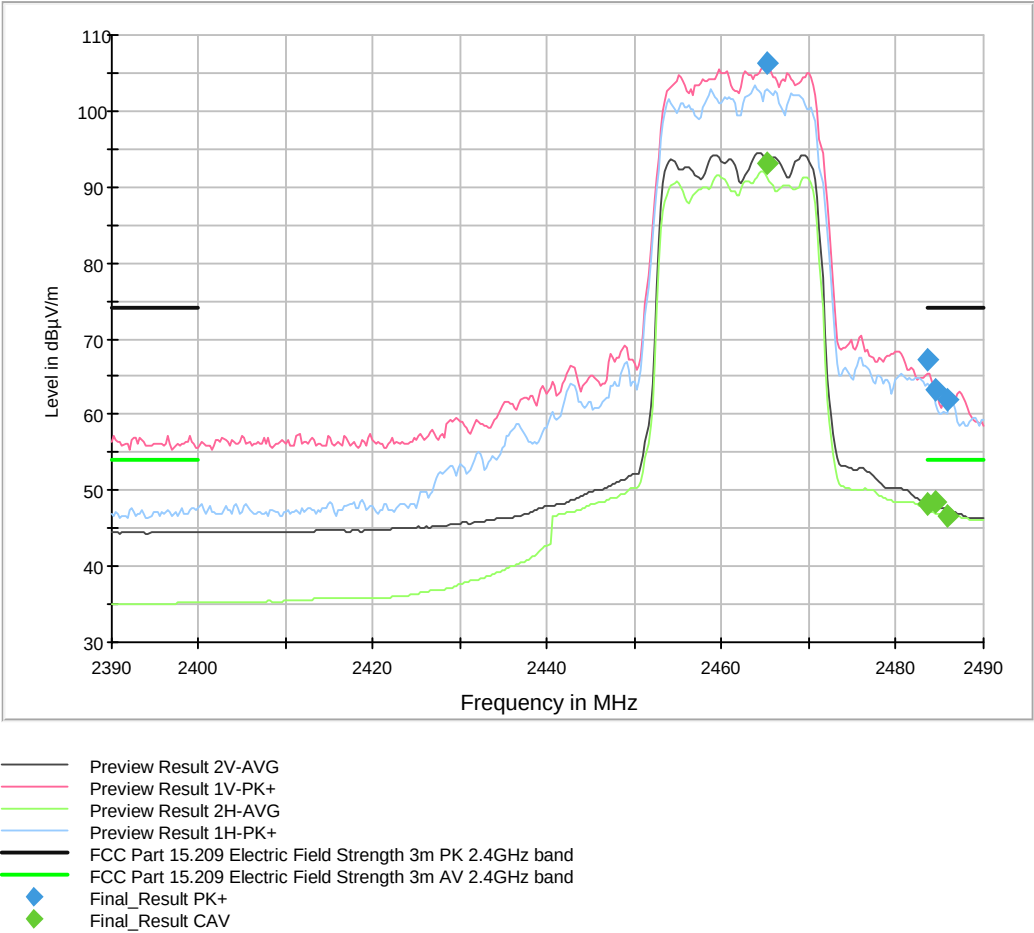
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBμV/m	dBμV/m	dBμV/m	dB	ms	kHz	cm		deg	dB
2464.750000	---	94.47	#1	#1	1000.0	1000.000	215.0	V	95.0	34.0
2464.750000	107.29	---	#1	#1	1000.0	1000.000	215.0	V	95.0	34.0
2483.500000	---	50.44	54.00	3.56	1000.0	1000.000	215.0	V	95.0	34.1
2483.500000	67.49	---	74.00	6.51	1000.0	1000.000	215.0	V	95.0	34.1
2484.500000	---	49.94	54.00	4.06	1000.0	1000.000	215.0	V	90.0	34.2
2484.500000	66.64	---	74.00	7.36	1000.0	1000.000	215.0	V	90.0	34.2
2486.250000	---	48.98	54.00	5.02	1000.0	1000.000	205.0	V	95.0	34.2
2486.250000	63.84	---	74.00	10.16	1000.0	1000.000	205.0	V	95.0	34.2

#1 Intentional Radiator with Wi-Fi



3.2.6.3 Test Case 5



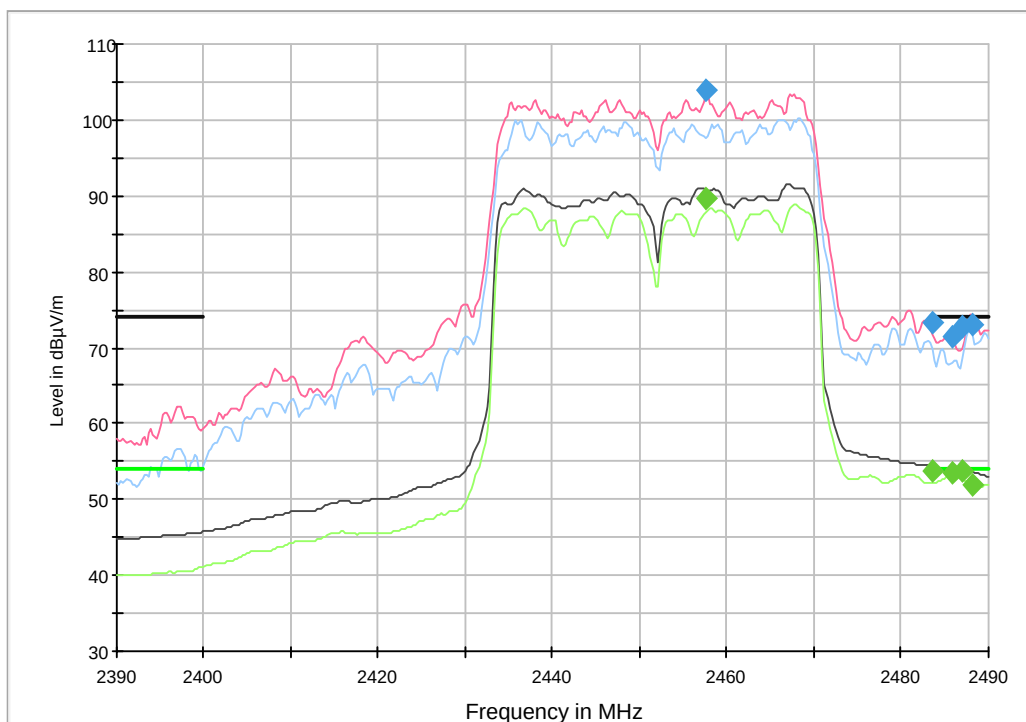
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
2465.174000	---	93.00	#1	#1	1000.0	1000.000	215.0	V	95.0	34.0
2465.174000	106.29	---	#1	#1	1000.0	1000.000	215.0	V	95.0	34.0
2483.582500	67.31	---	74.00	6.69	1000.0	1000.000	215.0	V	185.0	34.1
2483.582500	---	48.33	54.00	5.67	1000.0	1000.000	215.0	V	185.0	34.1
2484.575000	---	48.39	54.00	5.61	1000.0	1000.000	215.0	V	93.0	34.1
2484.575000	63.36	---	74.00	10.64	1000.0	1000.000	215.0	V	93.0	34.1
2485.820000	62.01	---	74.00	11.99	1000.0	1000.000	215.0	V	87.0	34.1
2485.820000	---	46.65	54.00	7.35	1000.0	1000.000	215.0	V	87.0	34.1

#1 Intentional Radiator with Wi-Fi



3.2.6.4 Test Case 6



- Preview Result 2V-AVG
- Preview Result 1V-PK+
- Preview Result 2H-AVG
- Preview Result 1H-PK+
- FCC Part 15.209 Electric Field Strength 3m PK 2.4GHz band
- FCC Part 15.209 Electric Field Strength 3m AV 2.4GHz band
- Final_Result PK+
- Final_Result CAV

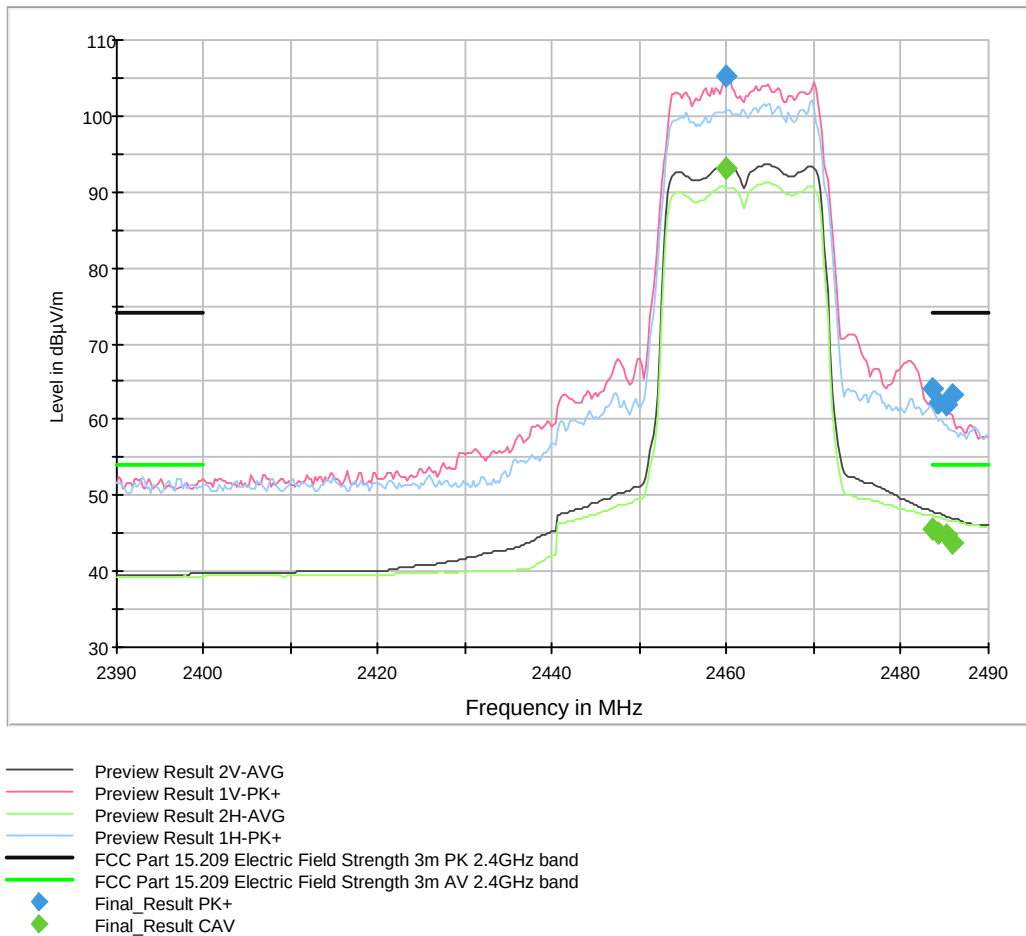
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBμV/m	dBμV/m	dBμV/m	dB	ms	kHz	cm		deg	dB
2457.500000	103.89	---	#1	#1	1000.0	1000.000	208.0	V	95.0	34.0
2457.500000	---	89.70	#1	#1	1000.0	1000.000	208.0	V	95.0	34.0
2483.500000	---	53.84	54.00	0.16	1000.0	1000.000	208.0	V	185.0	34.2
2483.500000	73.17	---	74.00	0.83	1000.0	1000.000	208.0	V	185.0	34.2
2485.750000	---	53.48	54.00	0.52	1000.0	1000.000	215.0	V	185.0	34.2
2485.750000	71.50	---	74.00	2.50	1000.0	1000.000	215.0	V	185.0	34.2
2487.000000	---	53.73	54.00	0.27	1000.0	1000.000	205.0	V	185.0	34.2
2487.000000	72.77	---	74.00	1.23	1000.0	1000.000	205.0	V	185.0	34.2
2488.250000	---	51.85	54.00	2.15	1000.0	1000.000	208.0	V	95.0	34.2
2488.250000	73.12	---	74.00	0.88	1000.0	1000.000	208.0	V	95.0	34.2

#1 Intentional Radiator with Wi-Fi



3.2.6.5 Test Case 7



Final Results:

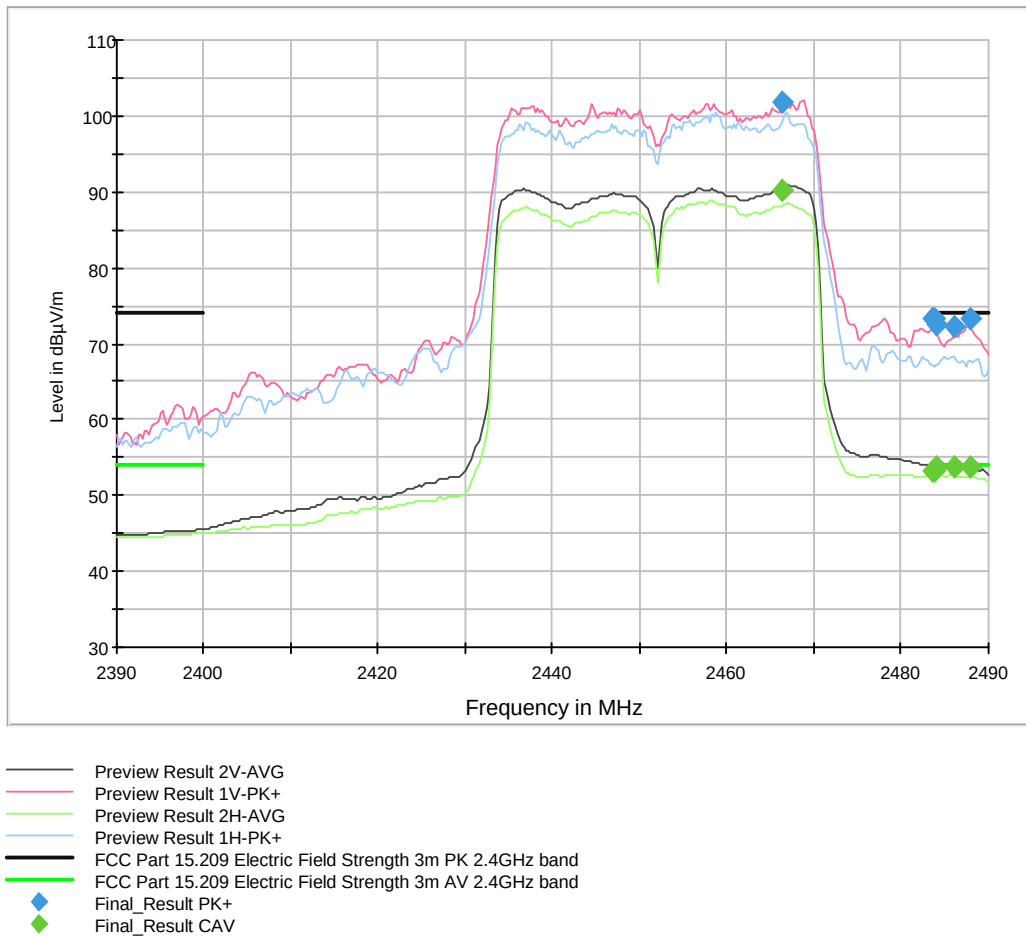
Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBμV/m	dBμV/m	dBμV/m	dB	ms	kHz	cm		deg	dB
2460.000000	---	93.05	#1	#1	1000.0	1000.000	205.0	V	95.0	34.0
2460.000000	105.25	---	#1	#1	1000.0	1000.000	205.0	V	95.0	34.0
2485.250000	---	44.81	54.00	9.19	1000.0	1000.000	210.0	V	180.0	34.2
2485.250000	62.00	---	74.00	12.00	1000.0	1000.000	210.0	V	180.0	34.2
2483.500000	---	45.56	54.00	8.44	1000.0	1000.000	205.0	V	185.0	34.2
2483.500000	64.06	---	74.00	9.94	1000.0	1000.000	205.0	V	185.0	34.2
2484.250000	---	45.07	54.00	8.93	1000.0	1000.000	205.0	V	185.0	34.2
2484.250000	62.16	---	74.00	11.84	1000.0	1000.000	205.0	V	185.0	34.2
2485.750000	---	43.70	54.00	10.30	1000.0	1000.000	205.0	V	185.0	34.2
2485.750000	63.35	---	74.00	10.65	1000.0	1000.000	205.0	V	185.0	34.2

#1 Intentional Radiator with Wi-Fi



Product Service

3.2.6.6 Test Case 8



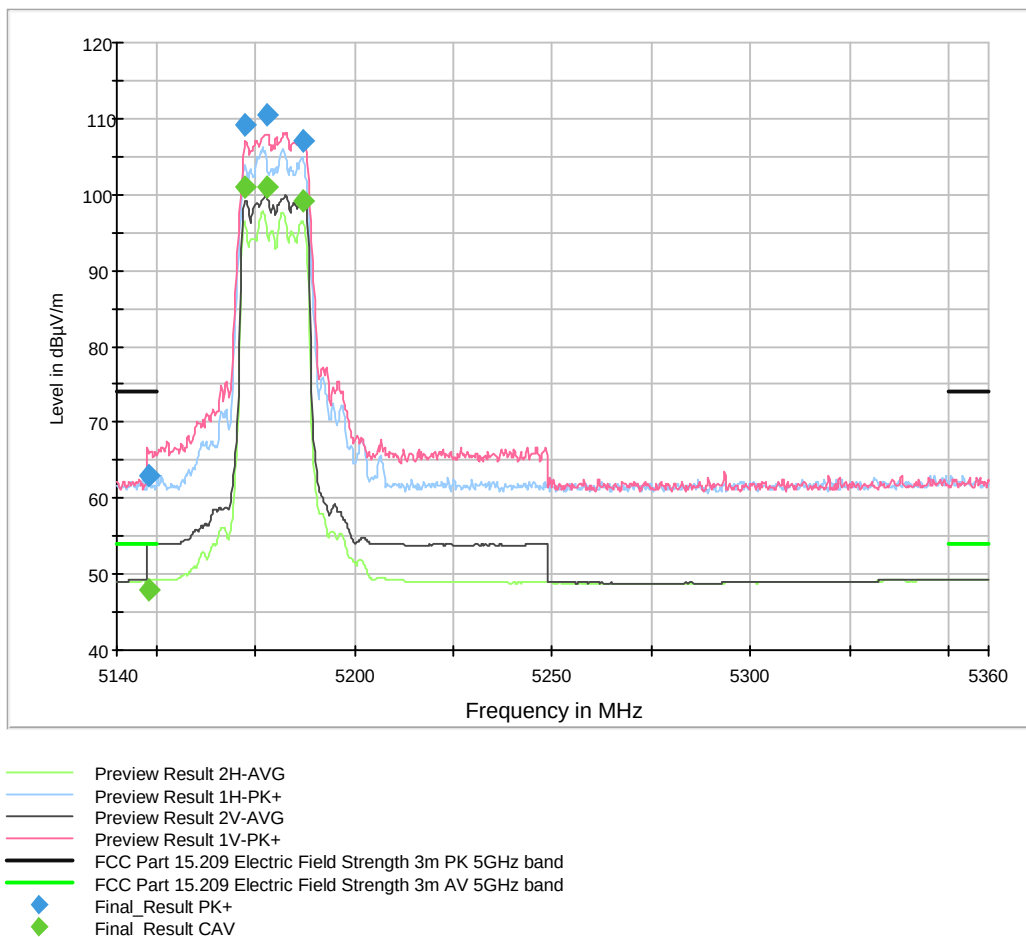
Final Results:

Frequency MHz	MaxPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
2466.250000	---	90.12	#1	#1	1000.0	1000.000	215.0	V	85.0	34.1
2466.250000	101.74	---	#1	#1	1000.0	1000.000	215.0	V	85.0	34.1
2483.500000	---	53.17	54.00	0.83	1000.0	1000.000	205.0	V	185.0	34.2
2483.500000	73.33	---	74.00	0.67	1000.0	1000.000	205.0	V	185.0	34.2
2483.750000	---	53.32	54.00	0.68	1000.0	1000.000	208.0	V	185.0	34.2
2483.750000	73.19	---	74.00	0.81	1000.0	1000.000	208.0	V	185.0	34.2
2484.000000	---	53.81	54.00	0.19	1000.0	1000.000	208.0	V	183.0	34.2
2484.000000	72.46	---	74.00	1.54	1000.0	1000.000	208.0	V	183.0	34.2
2486.000000	---	53.66	54.00	0.34	1000.0	1000.000	215.0	V	185.0	34.2
2486.000000	72.13	---	74.00	1.87	1000.0	1000.000	215.0	V	185.0	34.2
2488.000000	---	53.70	54.00	0.30	1000.0	1000.000	210.0	V	185.0	34.2
2488.000000	73.25	---	74.00	0.75	1000.0	1000.000	210.0	V	185.0	34.2

#1 Intentional Radiator with Wi-Fi



3.2.6.7 Test Case 9



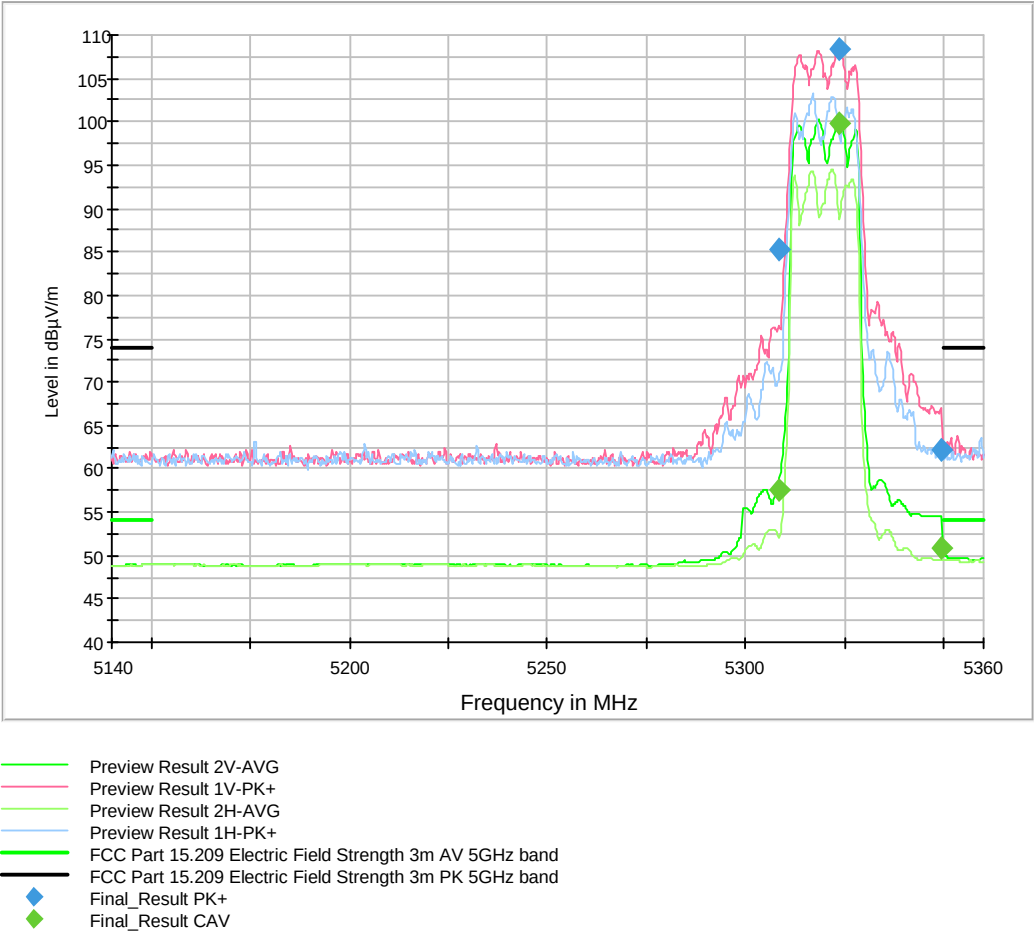
Final Results:

Frequency MHz	MaxPeak dB μ V/m	CAverage dB μ V/m	Limit dB μ V/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB/m
5148.250000	---	47.97	53.98	6.01	1000.0	1000.000	225.0	V	94.0	41.7
5148.250000	62.89	---	73.98	11.09	1000.0	1000.000	225.0	V	94.0	41.7
5172.500000	109.13	---	#1	#1	1000.0	1000.000	225.0	V	68.0	41.7
5172.500000	---	100.99	#1	#1	1000.0	1000.000	225.0	V	68.0	41.7
5177.750000	110.39	---	#1	#1	1000.0	1000.000	225.0	V	68.0	41.7
5177.750000	---	101.06	#1	#1	1000.0	1000.000	225.0	V	68.0	41.7
5187.250000	---	99.15	#1	#1	1000.0	1000.000	225.0	V	199.0	41.7
5187.250000	107.17	---	#1	#1	1000.0	1000.000	225.0	V	199.0	41.7

#1 Intentional Radiator with Wi-Fi



3.2.6.8 Test Case 14



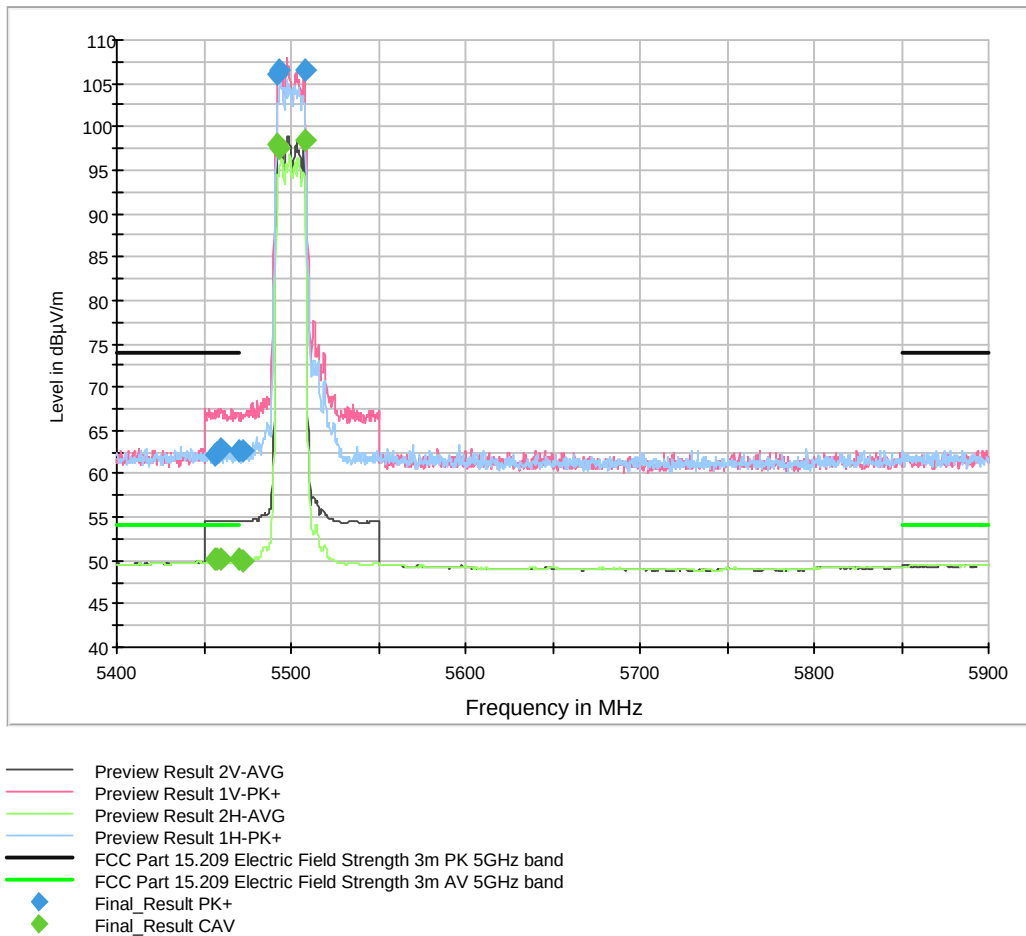
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
5308.250000	85.20	---	#1	#1	1000.0	1000.000	215.0	V	90.0	41.9
5308.250000	---	57.49	#1	#1	1000.0	1000.000	215.0	V	90.0	41.9
5323.750000	108.30	---	#1	#1	1000.0	1000.000	205.0	V	91.0	42.0
5323.750000	---	99.91	#1	#1	1000.0	1000.000	205.0	V	91.0	42.0
5349.500000	62.13	---	73.98	11.85	1000.0	1000.000	208.0	V	87.0	42.0
5349.500000	---	50.88	53.98	3.10	1000.0	1000.000	208.0	V	87.0	42.0

#1 Intentional Radiator with Wi-Fi



3.2.6.9 Test Case 15



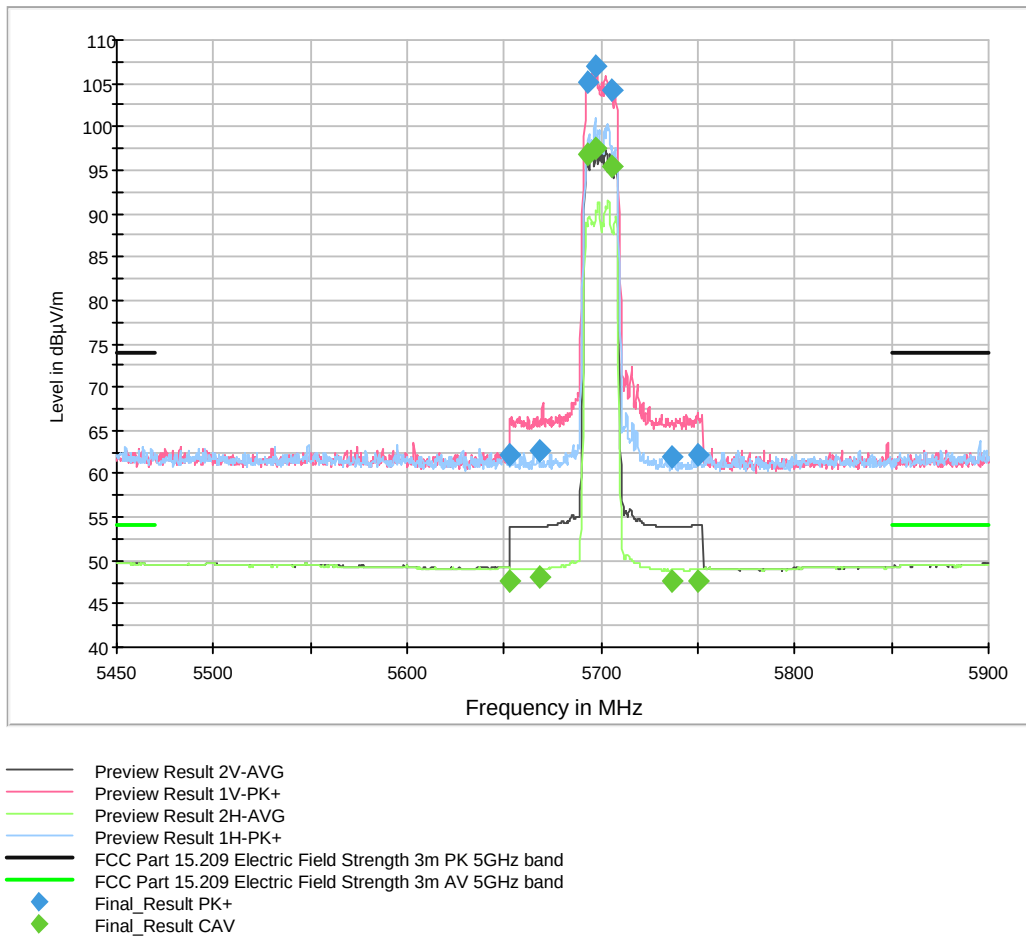
Final Results:

Frequency MHz	MaxPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
5456.500000	62.14	---	73.98	11.84	1000.0	1000.000	215.0	V	125.0	42.5
5456.500000	---	50.18	53.98	3.80	1000.0	1000.000	215.0	V	125.0	42.5
5457.250000	62.38	---	73.98	11.60	1000.0	1000.000	205.0	V	175.0	42.5
5457.250000	---	50.23	53.98	3.75	1000.0	1000.000	205.0	V	175.0	42.5
5459.250000	62.96	---	73.98	11.02	1000.0	1000.000	215.0	V	123.0	42.5
5459.250000	---	50.21	53.98	3.77	1000.0	1000.000	215.0	V	123.0	42.5
5470.000000	---	50.05	53.98	3.93	1000.0	1000.000	215.0	V	177.0	42.5
5470.000000	62.58	---	73.98	11.40	1000.0	1000.000	215.0	V	177.0	42.5
5472.500000	62.62	---	73.98	11.36	1000.0	1000.000	205.0	V	178.0	42.5
5472.500000	---	50.02	53.98	3.96	1000.0	1000.000	205.0	V	178.0	42.5
5492.500000	---	98.02	#1	#1	1000.0	1000.000	215.0	V	120.0	42.5
5492.500000	106.16	---	#1	#1	1000.0	1000.000	215.0	V	120.0	42.5
5493.500000	106.64	---	#1	#1	1000.0	1000.000	209.0	V	88.0	42.5
5493.500000	---	97.63	#1	#1	1000.0	1000.000	209.0	V	88.0	42.5
5507.500000	106.49	---	#1	#1	1000.0	1000.000	215.0	V	87.0	42.5
5507.500000	---	98.36	#1	#1	1000.0	1000.000	215.0	V	87.0	42.5

#1 Intentional Radiator with Wi-Fi



3.2.6.10 Test Case 17



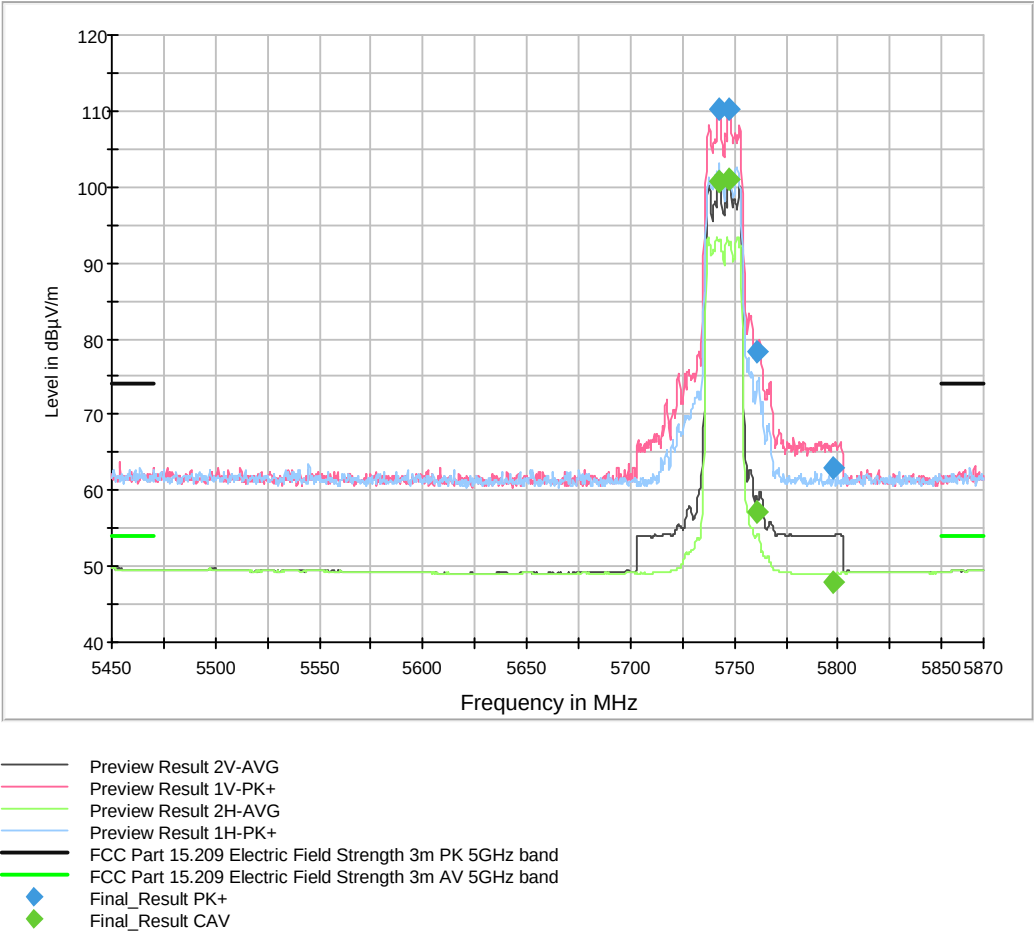
Final Results:

Frequency MHz	MaxPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
5653.000000	62.29	---	#1	#1	1000.0	1000.000	215.0	V	185.0	42.4
5653.000000	---	47.72	#1	#1	1000.0	1000.000	215.0	V	185.0	42.4
5668.500000	---	47.99	#1	#1	1000.0	1000.000	205.0	V	183.0	42.4
5668.500000	62.71	---	#1	#1	1000.0	1000.000	205.0	V	183.0	42.4
5692.750000	105.06	---	#1	#1	1000.0	1000.000	215.0	V	121.0	42.3
5692.750000	---	96.76	#1	#1	1000.0	1000.000	215.0	V	121.0	42.3
5697.750000	---	97.59	#1	#1	1000.0	1000.000	215.0	V	120.0	42.3
5697.750000	107.10	---	#1	#1	1000.0	1000.000	215.0	V	120.0	42.3
5706.000000	---	95.46	#1	#1	1000.0	1000.000	215.0	V	185.0	42.3
5706.000000	104.19	---	#1	#1	1000.0	1000.000	215.0	V	185.0	42.3
5736.500000	---	47.69	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5736.500000	61.91	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5750.500000	---	47.63	#1	#1	1000.0	1000.000	215.0	V	95.0	42.3
5750.500000	62.19	---	#1	#1	1000.0	1000.000	215.0	V	95.0	42.3

#1 Intentional Radiator with Wi-Fi



3.2.6.11 Test Case 18



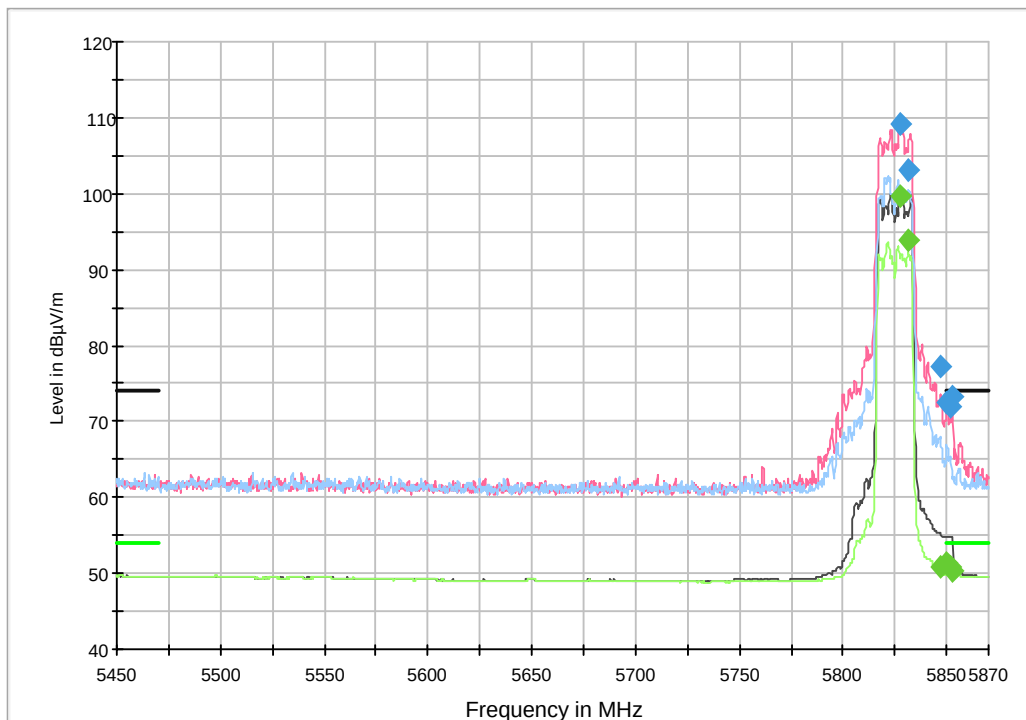
Final Results:

Frequency	MaxPeak	CAverage	Limit	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Corr.
MHz	dBµV/m	dBµV/m	dBµV/m	dB	ms	kHz	cm		deg	dB
5742.500000	110.20	---	#1	#1	1000.0	1000.000	211.0	V	185.0	42.3
5742.500000	---	100.78	#1	#1	1000.0	1000.000	211.0	V	185.0	42.3
5747.500000	110.15	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5747.500000	---	100.98	#1	#1	1000.0	1000.000	205.0	V	185.0	42.3
5761.000000	---	57.05	#1	#1	1000.0	1000.000	205.0	V	125.0	42.3
5761.000000	78.37	---	#1	#1	1000.0	1000.000	205.0	V	125.0	42.3
5798.000000	---	47.79	#1	#1	1000.0	1000.000	205.0	V	185.0	42.4
5798.000000	62.99	---	#1	#1	1000.0	1000.000	205.0	V	185.0	42.4

#1 Intentional Radiator with Wi-Fi



3.2.6.12 Test Case 19



- Preview Result 2V-AVG
- Preview Result 1V-PK+
- Preview Result 2H-AVG
- Preview Result 1H-PK+
- FCC Part 15.209 Electric Field Strength 3m PK 5GHz band
- FCC Part 15.209 Electric Field Strength 3m AV 5GHz band
- ◆ Final_Result PK+
- ◆ Final_Result CAV

Final Results:

Frequency MHz	MaxPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB
5827.500000	---	99.76	#1	#1	1000.0	1000.000	215.0	V	185.0	42.5
5827.500000	109.10	---	#1	#1	1000.0	1000.000	215.0	V	185.0	42.5
5831.500000	103.18	---	#1	#1	1000.0	1000.000	215.0	H	155.0	42.5
5831.500000	---	93.80	#1	#1	1000.0	1000.000	215.0	H	155.0	42.5
5849.500000	72.37	---	73.98	1.61	1000.0	1000.000	209.0	V	120.0	42.5
5849.500000	---	51.23	53.98	2.75	1000.0	1000.000	209.0	V	120.0	42.5
5847.000000	77.23	---	#1	#1	1000.0	1000.000	215.0	V	121.0	42.5
5847.000000	---	50.92	53.98	3.06	1000.0	1000.000	215.0	V	121.0	42.5
5851.750000	72.03	---	73.98	1.95	1000.0	1000.000	215.0	V	117.0	42.5
5851.750000	---	50.77	53.98	3.21	1000.0	1000.000	215.0	V	117.0	42.5
5852.750000	---	50.20	53.98	3.78	1000.0	1000.000	215.0	V	182.0	42.5
5852.750000	73.19	---	73.98	0.79	1000.0	1000.000	215.0	V	182.0	42.5

#1 Intentional Radiator with Wi-Fi

FCC 47 CFR Part 15, Limit Clause 15.247 (d)

20 dB below the fundamental measured in a 100 kHz bandwidth using a peak detector. If the transmitter complies with the conducted power limits, based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB below the fundamental instead of 20 dB.

3.2.7 Test Location and Test Equipment Used

The test was carried out in semi anechoic room no. 11 and no. 3:

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
EMI test receiver	Rohde & Schwarz	ESW44	39897	12	2026-03-31
EMI test receiver	Rohde & Schwarz GmbH & Co. KG	ESW26	28268	12	2026-07-31
RF matrix cabin 11	TÜV SÜD	RF Matrix with filter	47622	24	2027-05-31
Double ridged horn antenna	Rohde & Schwarz	HF907	40089	24	2026-11-30
Semi anechoic room	Frankonia	Cabin no. 11	42961	---	---
Semi anechoic room	Frankonia	Cabin no. 3	56331	---	---
EMC measurement software	Rohde & Schwarz	EMC32 Emission – V11.50	42986	---	---

Table 6

3.3 Antenna requirement

3.3.1 Specification Reference

FCC 47 CFR Part 15 C, Clauses 15.203

3.3.2 Equipment under Test and Modification State

JODY-W377-00B, S/N: 4999720 - Modification State 0

3.3.3 Specification Limits

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some fields disturbance sensors, or to other intentional radiators which must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits are not exceeded.

3.3.4 Test Results

The EUT uses a internal antenna.

Antenna Informations:

Manufacturer: Wellshow Technology

Part Number: 995988

Antenna Gain: 3.3 dBi (2400-2483 MHz)

5.7 dBi (5150-5925 MHz)

4 Measurement Uncertainty

The measurement uncertainty in the laboratory is less than or equal to the maximum measurement uncertainty according to EN 55016-4-2: 2011 + A1 + A2 + AC and CISPR16-4-2: 2011 + A1 + A2 + Cor1 (UCISPR). This normative regulation means that the measured value is also the value to be assessed in relation to the limit value.

For a 95% confidence level, the measurement uncertainties for defined systems are:

Radio Testing			
Test Name	kp	Expanded Uncertainty	Note
Occupied Bandwidth	2.0	$\pm 1.14 \%$	2
RF-Frequency error	1.96	$\pm 1 \cdot 10^{-7}$	7
RF-Power, conducted carrier	2	$\pm 0.079 \text{ dB}$	2
RF-Power uncertainty for given BER	1.96	$+0.94 \text{ dB} / -1.05$	7
RF power, conducted, spurious emissions	1.96	$+1.4 \text{ dB} / -1.6 \text{ dB}$	7
RF power, radiated			
25 MHz – 4 GHz	1.96	$+3.6 \text{ dB} / -5.2 \text{ dB}$	8
1 GHz – 18 GHz	1.96	$+3.8 \text{ dB} / -5.6 \text{ dB}$	8
18 GHz – 26.5 GHz	1.96	$+3.4 \text{ dB} / -4.5 \text{ dB}$	8
40 GHz – 170 GHz	1.96	$+4.2 \text{ dB} / -7.1 \text{ dB}$	8
Spectral Power Density, conducted	2.0	$\pm 0.53 \text{ dB}$	2
Maximum frequency deviation			
300 Hz – 6 kHz	2	$\pm 2,89 \%$	2
6 kHz – 25 kHz	2	$\pm 0.2 \text{ dB}$	2
Maximum frequency deviation for FM	2	$\pm 2,89 \%$	2
Adjacent channel power 25 MHz – 1 GHz	2	$\pm 2.31 \%$	2
Temperature	2	$\pm 0.39 \text{ K}$	4
(Relative) Humidity	2	$\pm 2.28 \%$	2
DC- and low frequency AC voltage			
DC voltage	2	$\pm 0.01 \%$	2
AC voltage up to 1 kHz	2	$\pm 1.2 \%$	2
Time	2	$\pm 0.6 \%$	2

Table 7



Radio Interference Emission Testing			
Test Name	kp	Expanded Uncertainty	Note
Conducted Voltage Emission			
9 kHz to 150 kHz (50Ω/50μH AMN)	2	± 3.8 dB	1
150 kHz to 30 MHz (50Ω/50μH AMN)	2	± 3.4 dB	1
100 kHz to 200 MHz (50Ω/5μH AMN)	2	± 3.6 dB	1
Discontinuous Conducted Emission			
9 kHz to 150 kHz (50Ω/50μH AMN)	2	± 3.8 dB	1
150 kHz to 30 MHz (50Ω/50μH AMN)	2	± 3.4 dB	1
Conducted Current Emission			
9 kHz to 200 MHz	2	± 3.5 dB	1
Magnetic Fieldstrength			
9 kHz to 30 MHz (with loop antenna)	2	± 3.9 dB	1
9 kHz to 30 MHz (large-loop antenna 2 m)	2	± 3.5 dB	1
Radiated Emission			
Test distance 1 m (ALSE)			
9 kHz to 150 kHz	2	± 4.6 dB	1
150 kHz to 30 MHz	2	± 4.1 dB	1
30 MHz to 200 MHz	2	± 5.2 dB	1
200 MHz to 2 GHz	2	± 4.4 dB	1
2 GHz to 3 GHz	2	± 4.6 dB	1
Test distance 3 m			
30 MHz to 300 MHz	2	± 4.9 dB	1
300 MHz to 1 GHz	2	± 5.0 dB	1
1 GHz to 6 GHz	2	± 4.6 dB	1
Test distance 10 m			
30 MHz to 300 MHz	2	± 4.9 dB	1
300 MHz to 1 GHz	2	± 4.9 dB	1
Radio Interference Power			
30 MHz to 300 MHz	2	± 3.5 dB	1
Harmonic Current Emissions			4
Voltage Changes, Voltage Fluctuations and Flicker			4

Table 8



Immunity Testing			
Test Name	kp	Expanded Uncertainty	Note
Electrostatic Discharges			4
Radiated RF-Field			
Pre-calibrated field level	2	+32.2 / -24.3 %	5
Dynamic feedback field level	2.05	+21.2 / -17.5 %	3
Electrical Fast Transients (EFT) / Bursts			4
Surges			4
Conducted Disturbances, induced by RF-Fields			
via CDN	2	+15.1 / -13.1 %	6
via EM clamp	2	+42.6 / -29.9 %	6
via current clamp	2	+43.9 / -30.5 %	6
Power Frequency Magnetic Field	2	+20.7 / -17.1 %	2
Pulse Magnetic Field			4
Voltage Dips, Short Interruptions and Voltage Variations			4
Oscillatory Waves		a	4
Conducted Low Frequency Disturbances			
Voltage setting	2	± 0.9 %	2
Frequency setting	2	± 0.1 %	2
Electrical Transient Transmission in Road Vehicles			4

Table 9

Note 1:

The expanded uncertainty reported according to CISPR 16-4-2:2003-11 is based on a standard uncertainty multiplied by a coverage factor of $k_p = 2$, providing a level of confidence of $p = 95.45\%$

Note 2:

The expanded uncertainty reported according to UKAS Lab 34 (Edition 1, 2002-08) is based on a standard uncertainty multiplied by a coverage factor of $k_p = 2$, providing a level of confidence of $p = 95.45\%$

Note 3:

The expanded uncertainty reported according to UKAS Lab 34 (Edition 1, 2002-08) is based on a standard uncertainty multiplied by a coverage factor of $k_p = 2.05$, providing a level of confidence of $p = 95.45\%$

Note 4:

It has been demonstrated that the used test equipment meets the specified requirements in the standard with at least a 95% confidence.

Note 5:

The expanded uncertainty reported according to IEC 61000-4-3 is based on a standard uncertainty multiplied by a coverage factor of $k_p = 2$, providing a level of confidence of $p = 95.45\%$

Note 6:

The expanded uncertainty reported according to IEC 61000-4-6 is based on a standard uncertainty multiplied by a coverage factor of $k_p = 2$, providing a level of confidence of $p = 95.45\%$

Note 7:

The expanded uncertainty reported according ETSI TR 100 028 V1.4.1 (all parts) is based on a standard uncertainty multiplied by a coverage factor of $k_p = 1.96$, providing a level of confidence of $p = 95.45\%$



Product Service

Note 8:

The expanded uncertainty reported according to ETSI TR 102 273 V1.2.1 (all parts) is based on a standard uncertainty multiplied by a coverage factor of $k_p = 1.96$, providing a level of confidence of $p = 95.45\%$