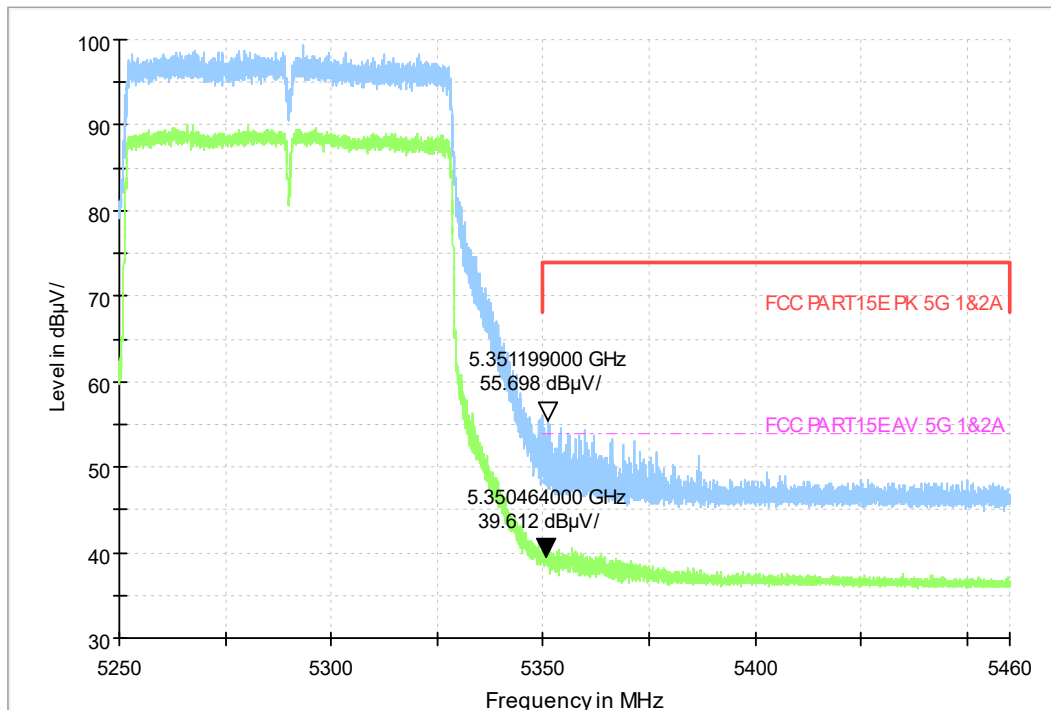


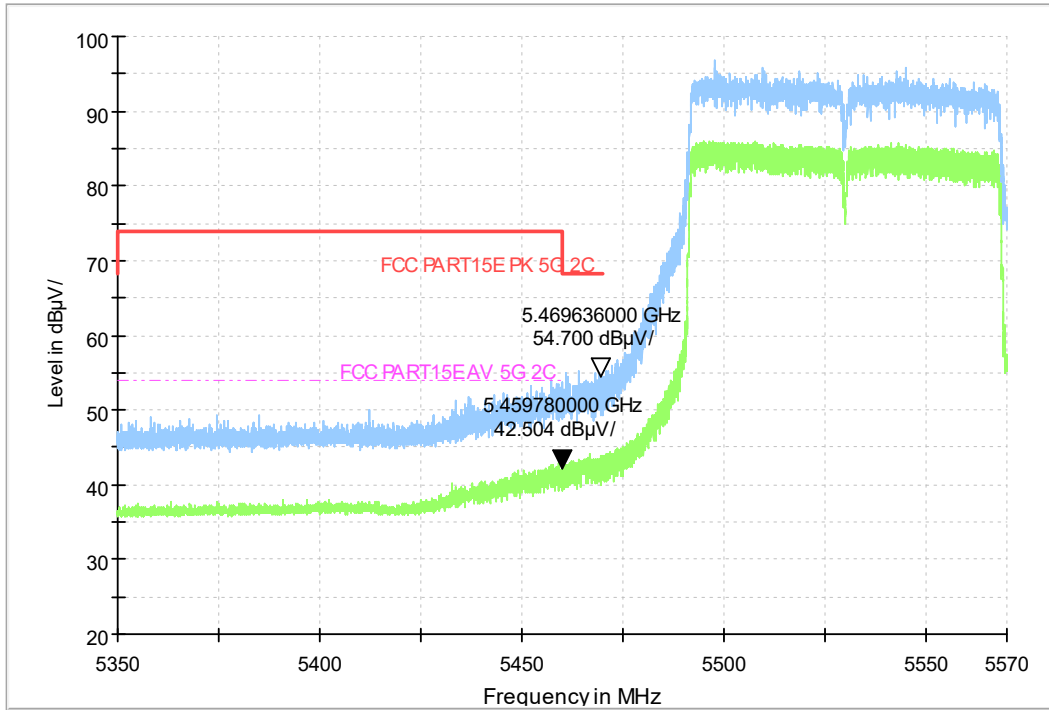
Pic.19 Frequency Band Edge: Ch42, 11ac 80M



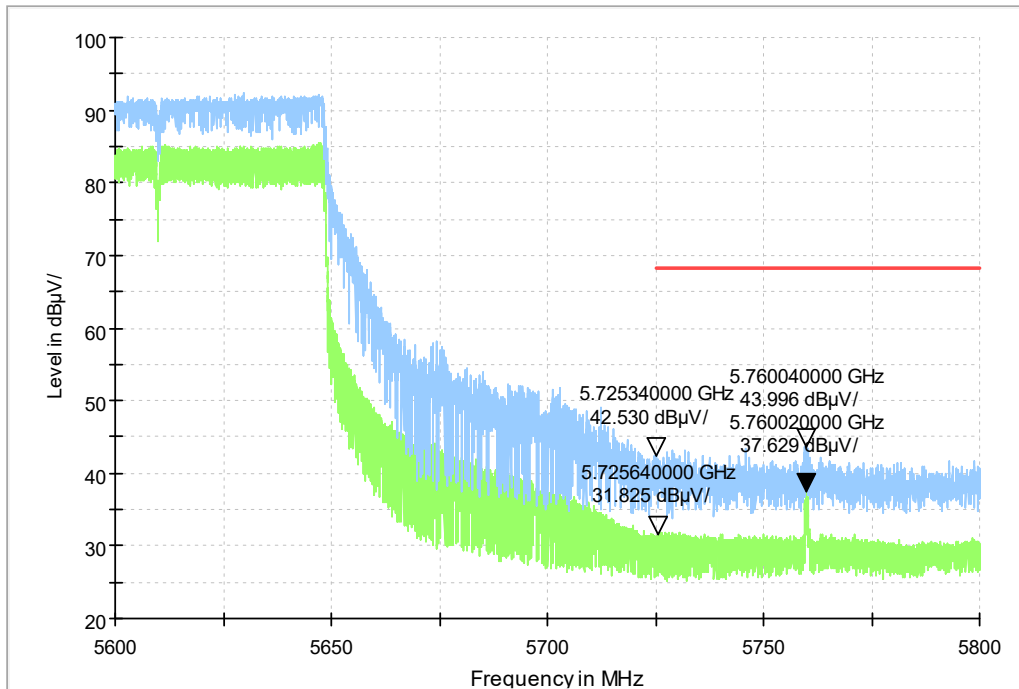
Pic.20 Frequency Band Edge: Ch58, 11ac 80M

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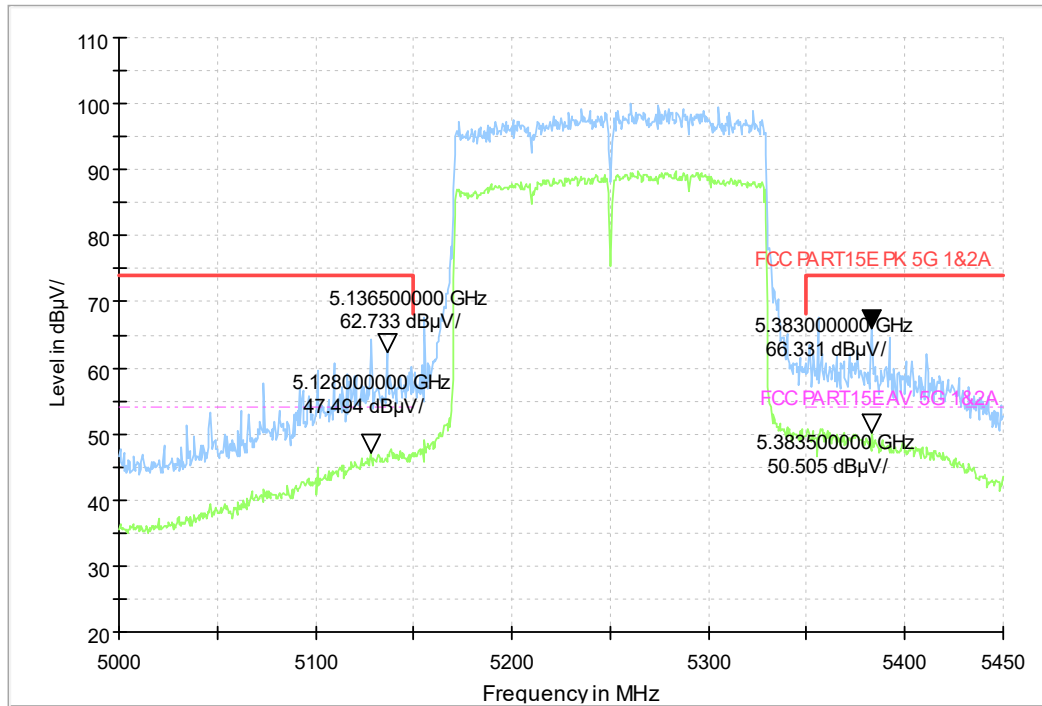
Pic.21 Frequency Band Edge: Ch106, 11ac 80M



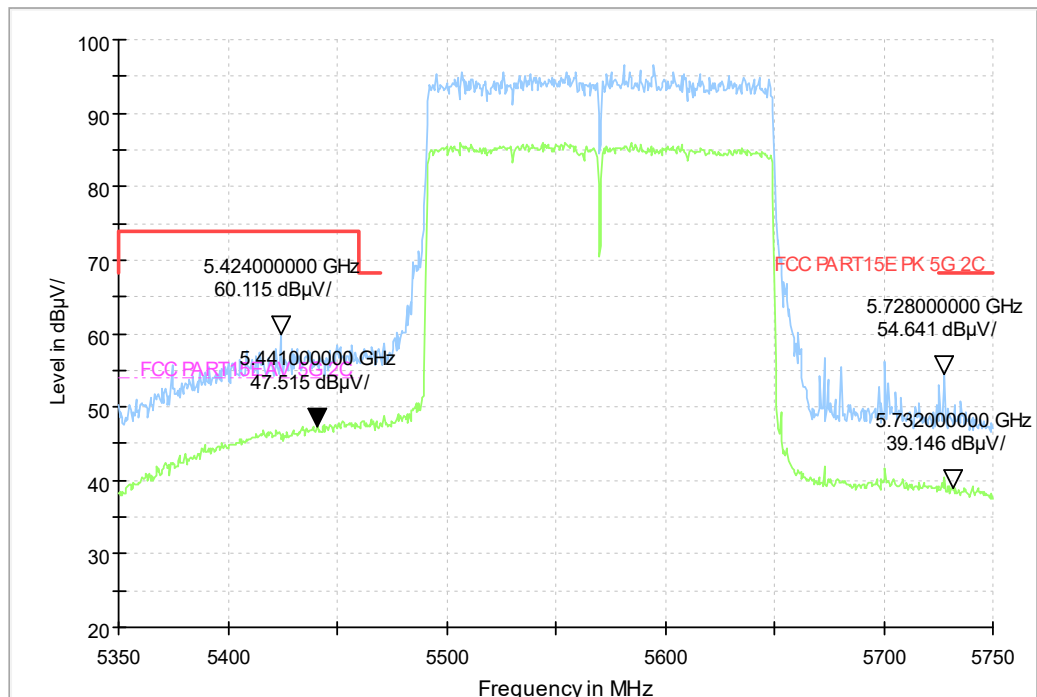
Pic.22 Frequency Band Edge: Ch122, 11ac 80M

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Pic.23 Frequency Band Edge: Ch50, 11ac 160M

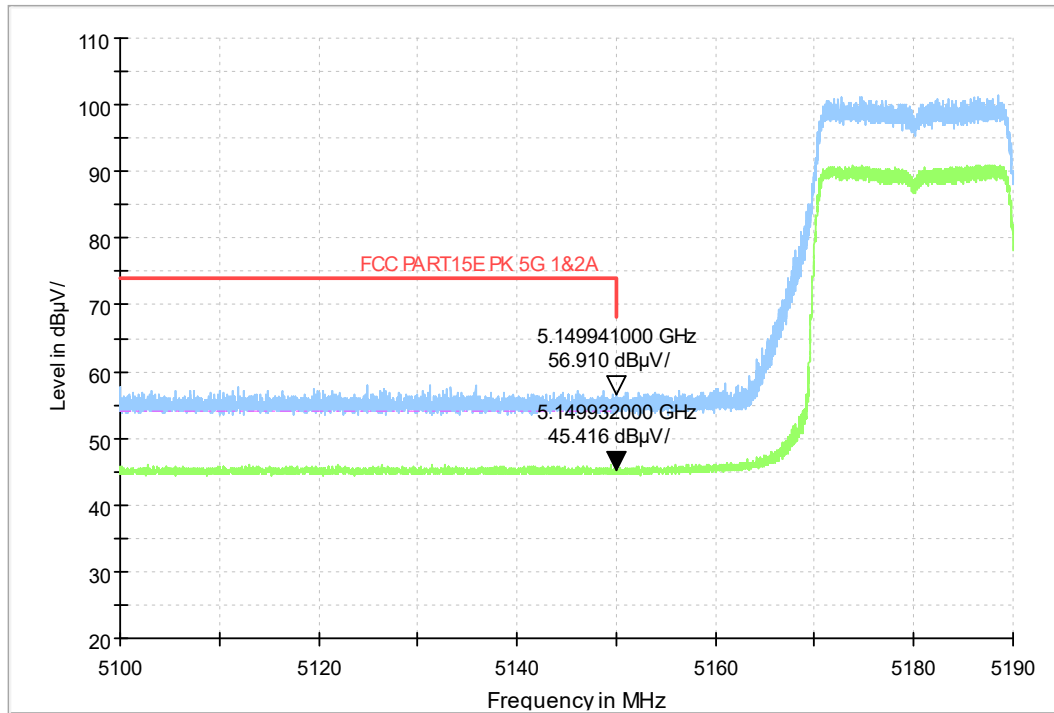


Pic.24 Frequency Band Edge: Ch114, 11ac 160M

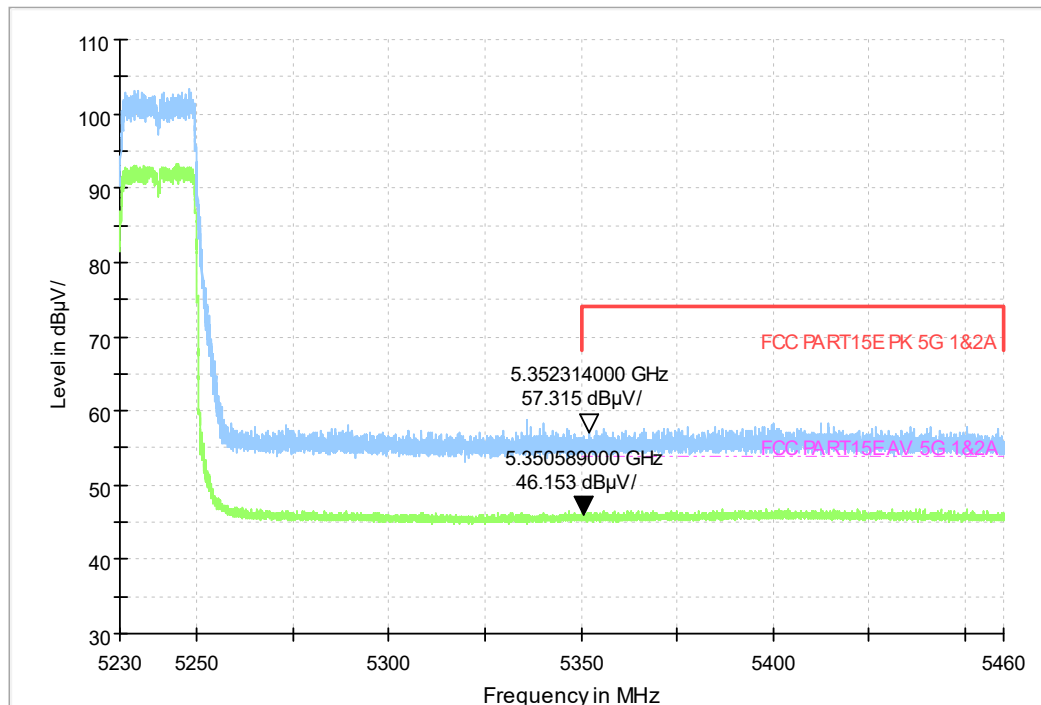
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Pic.25 Frequency Band Edge: Ch36, 11ax 20M

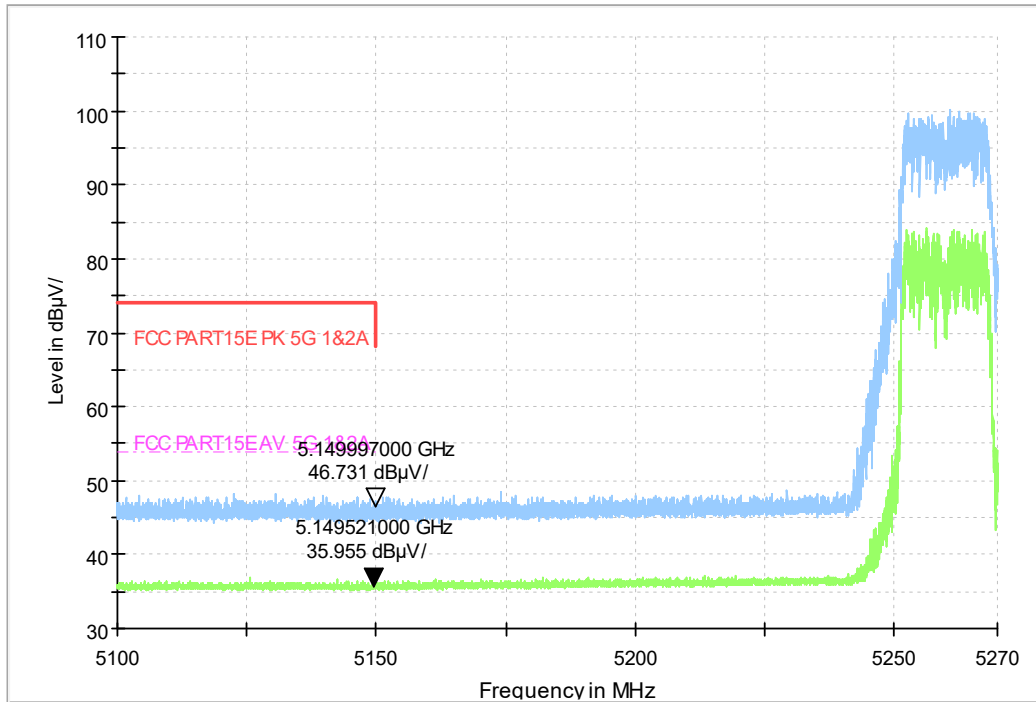


Pic.26 Frequency Band Edge: Ch48, 11ax 20M

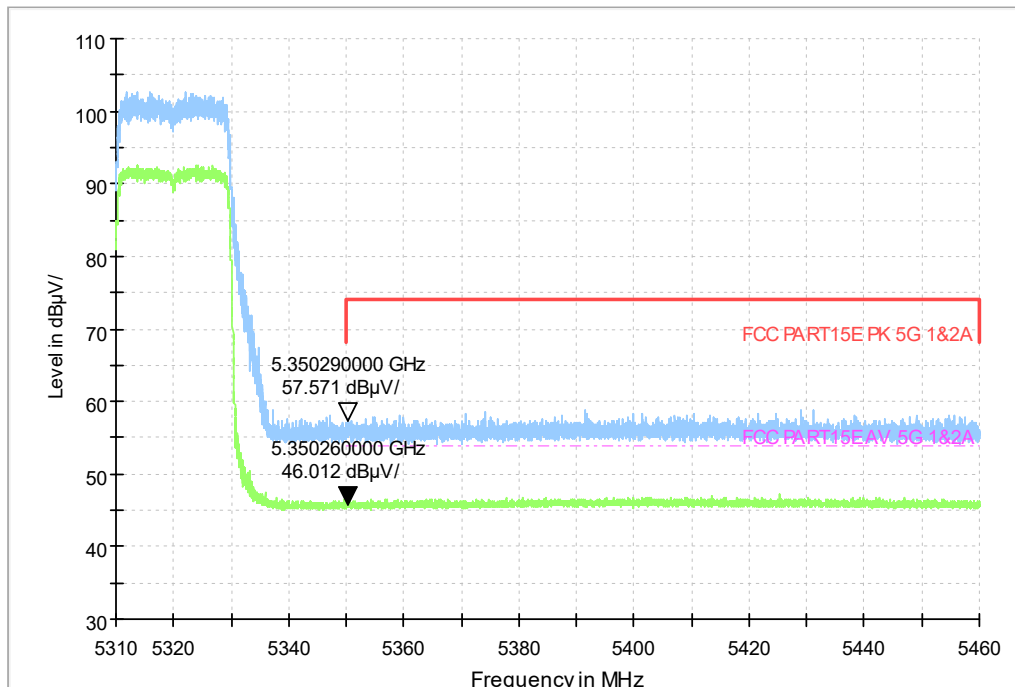
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Pic.27 Frequency Band Edge: Ch52, 11ax 20M

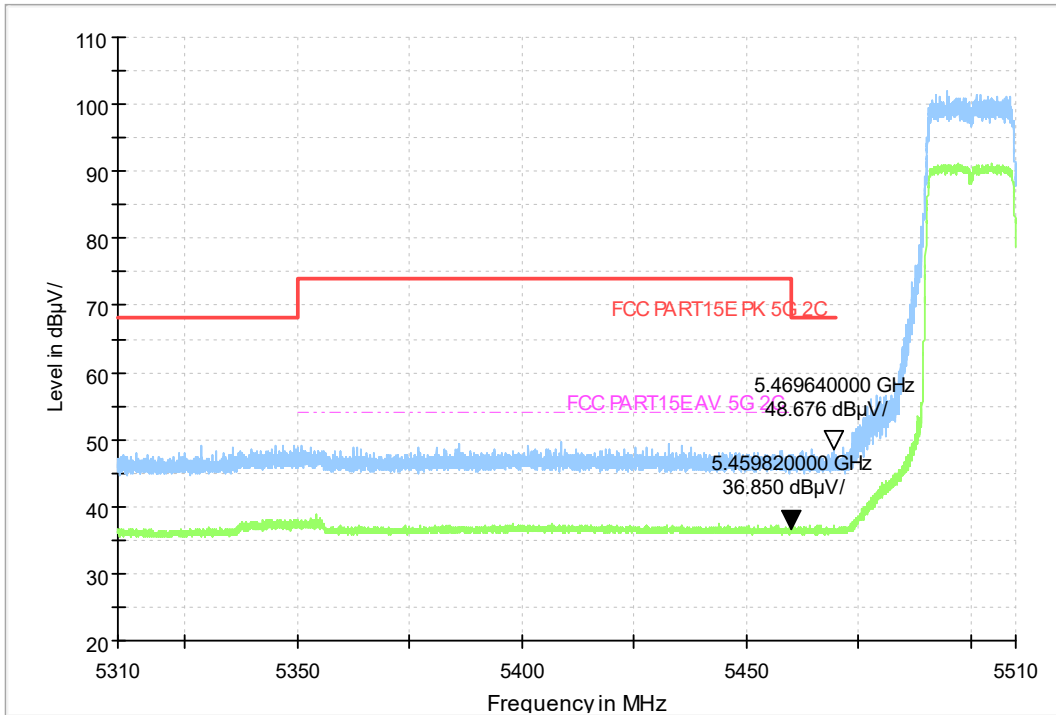


Pic.28 Frequency Band Edge: Ch64, 11ax 20M

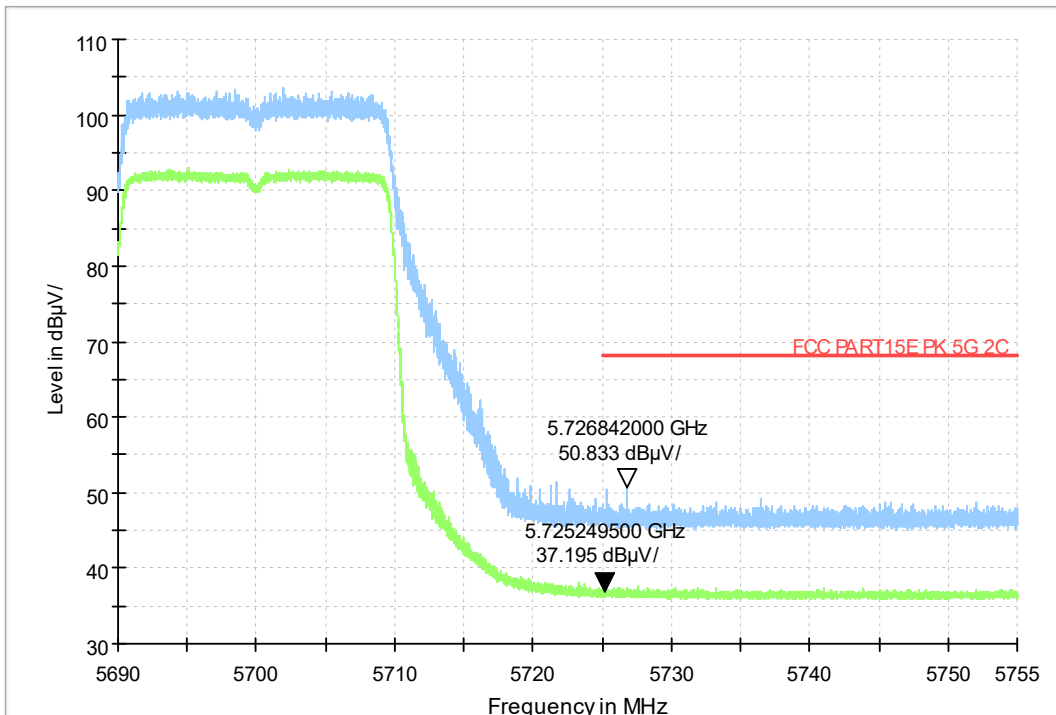
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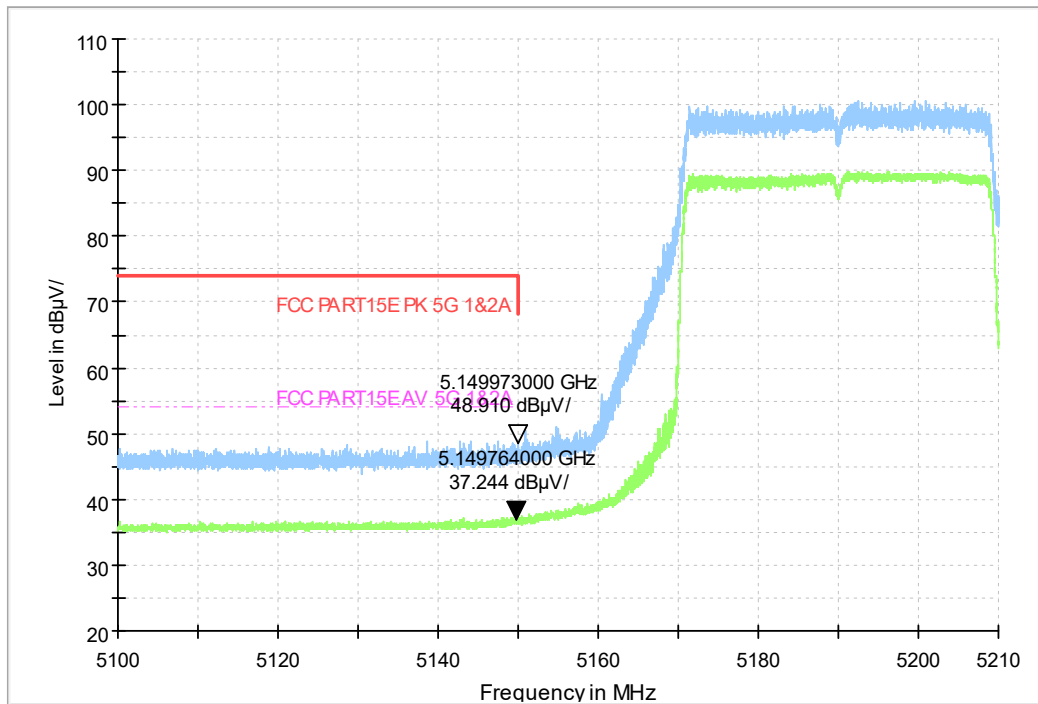
Pic.29 Frequency Band Edge: Ch100, 11ax 20M



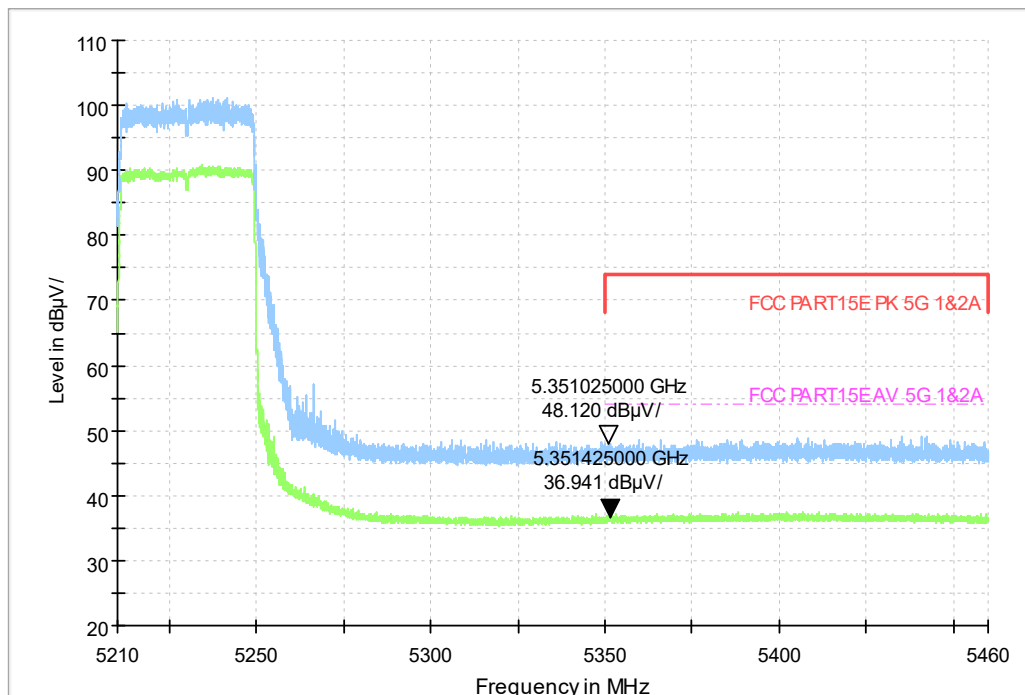
Pic.30 Frequency Band Edge: Ch140, 11ax 20M

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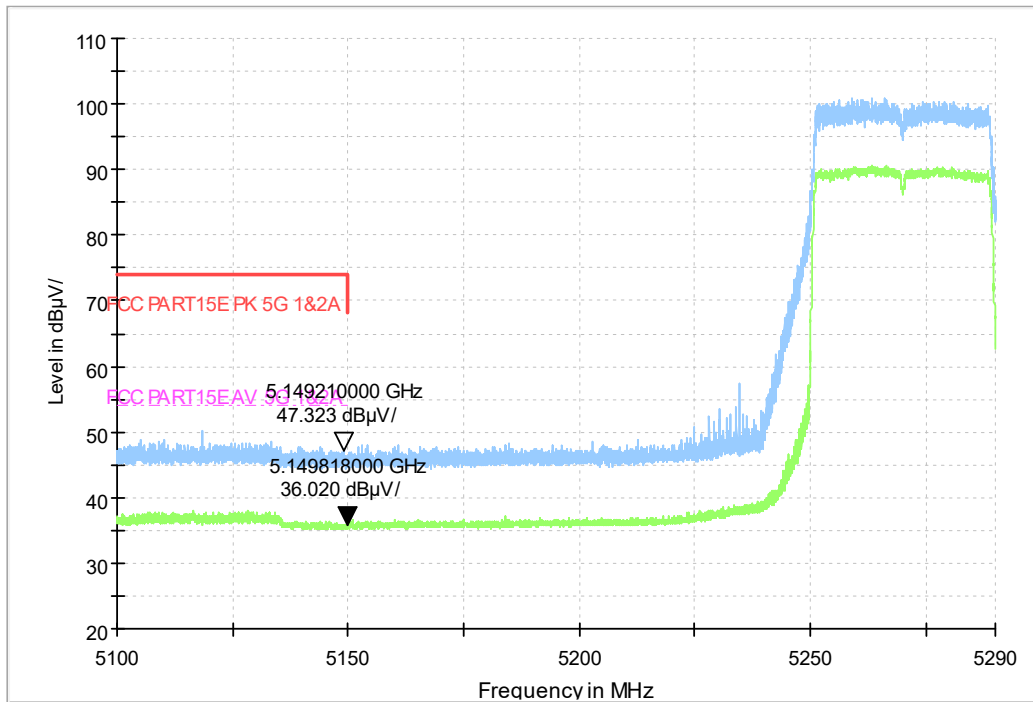
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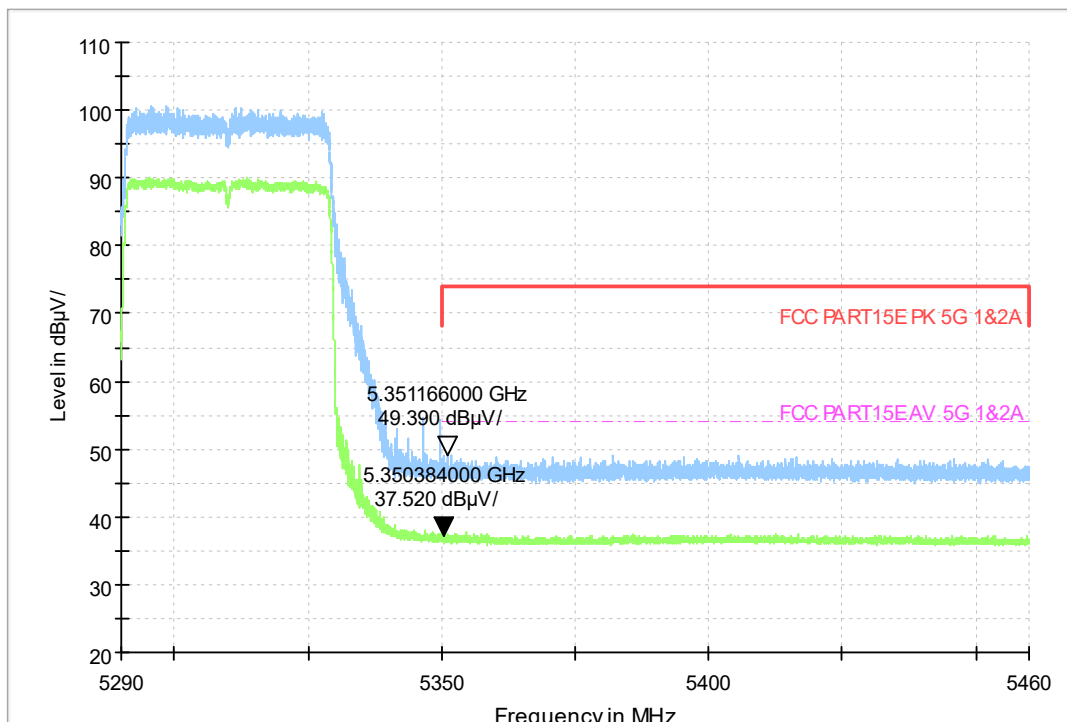
Pic.31 Frequency Band Edge: Ch38, 11ax 40M



Pic.32 Frequency Band Edge: Ch46, 11ax 40M



Pic.33 Frequency Band Edge: Ch54, 11ax 40M

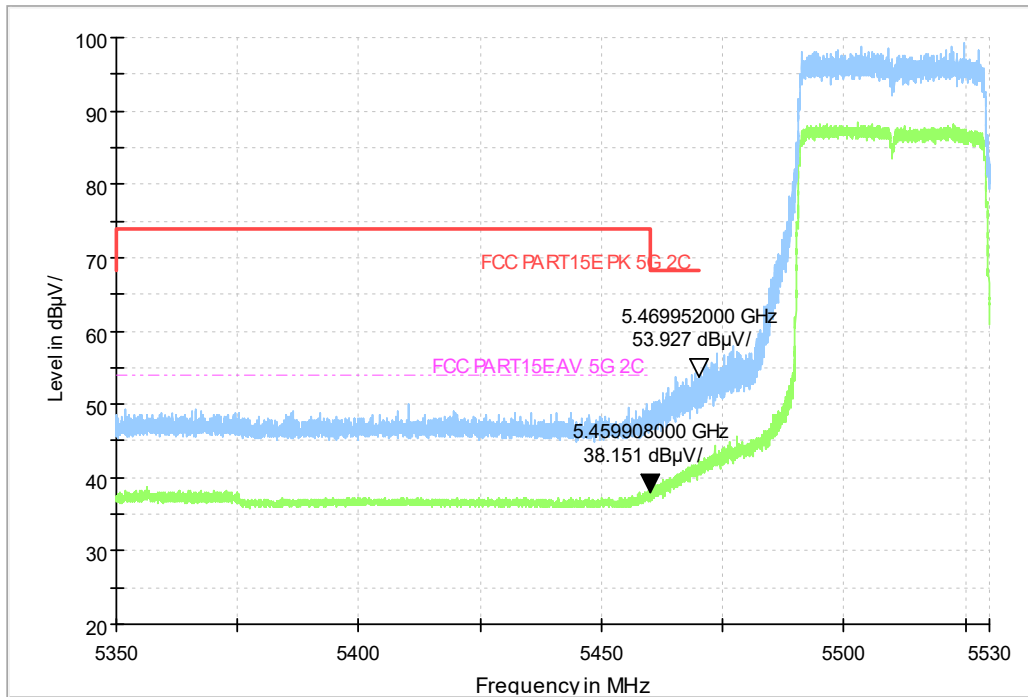


Pic.34 Frequency Band Edge: Ch62, 11ax 40M

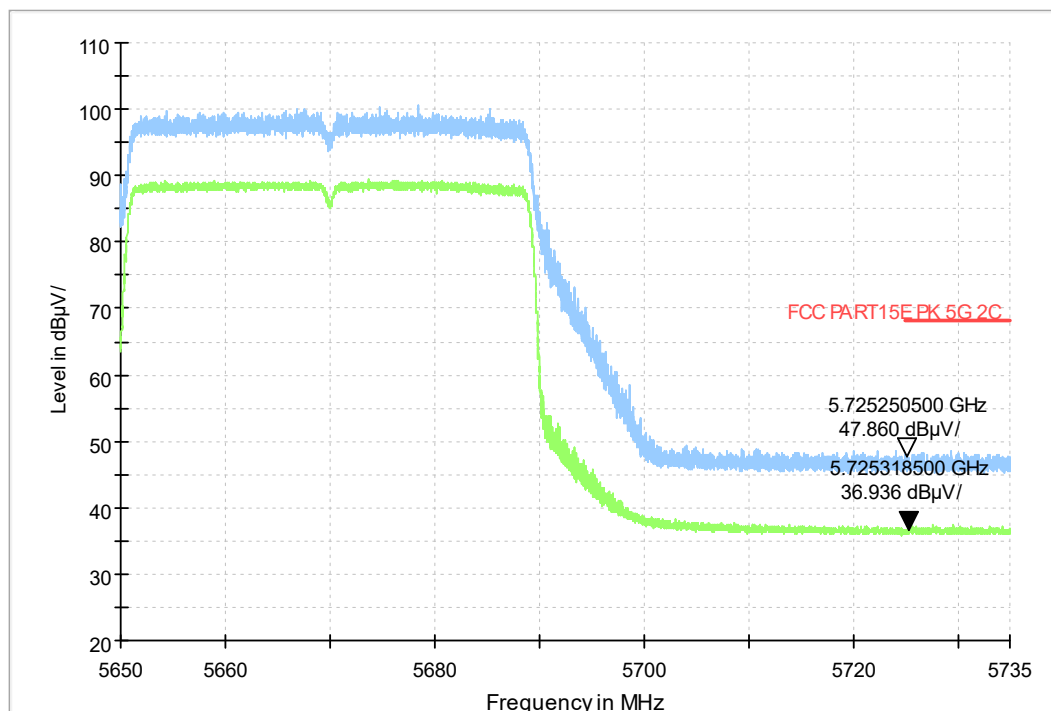
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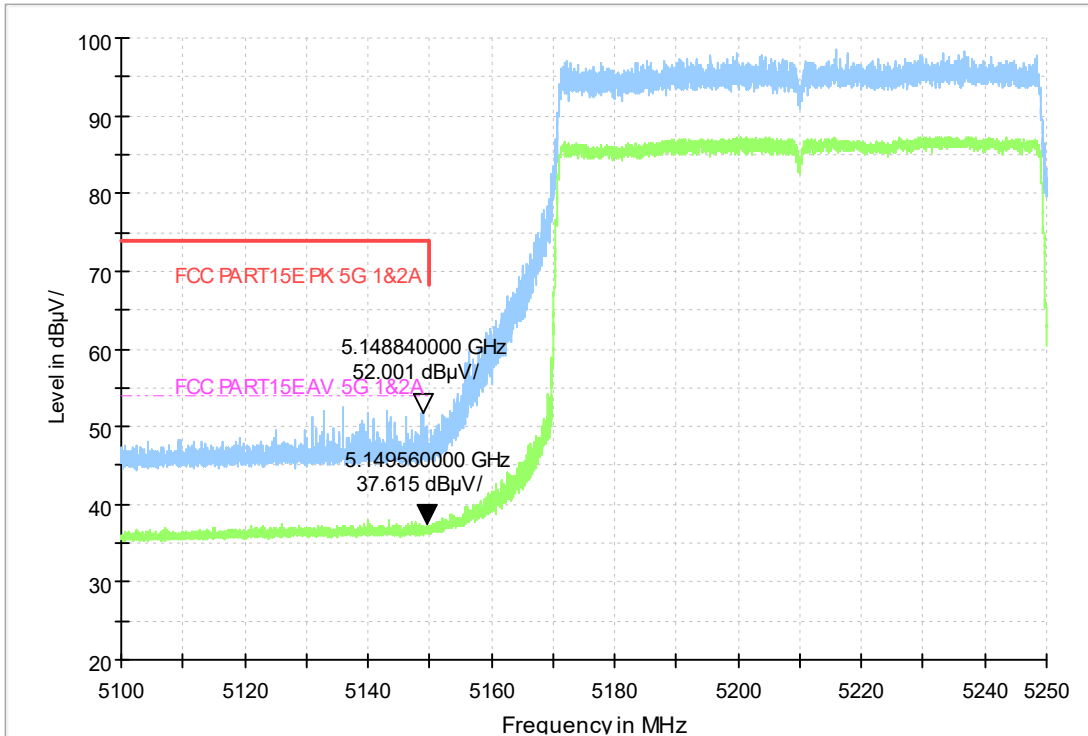
Pic.35 Frequency Band Edge: Ch102, 11ax 40M



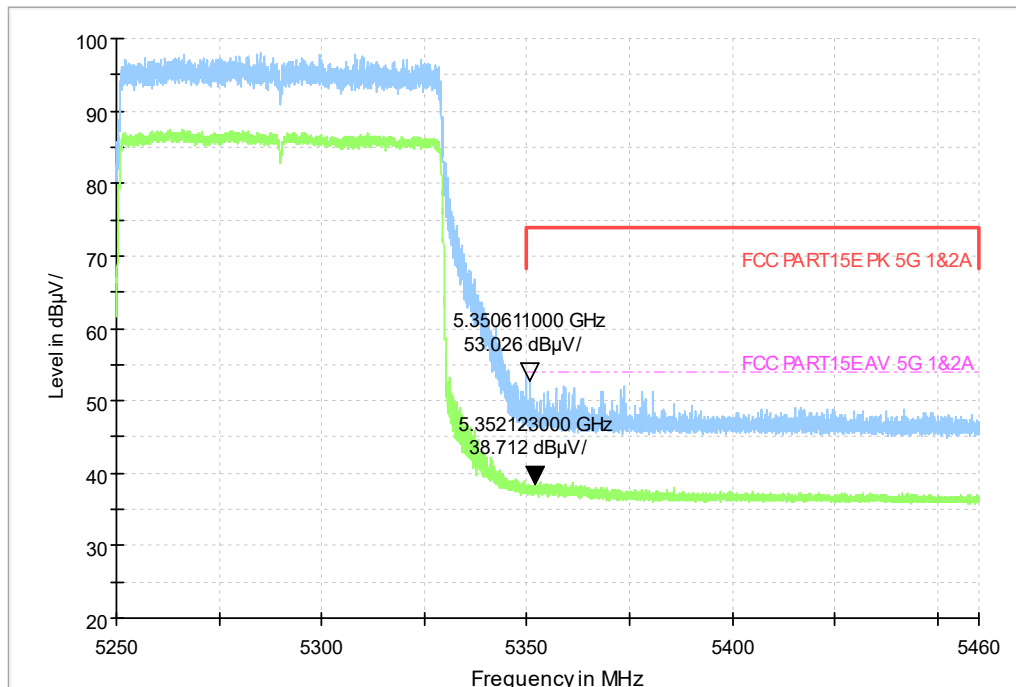
Pic.36 Frequency Band Edge: Ch134, 11ax 40M

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Pic.37 Frequency Band Edge: Ch42, 11ax 80M

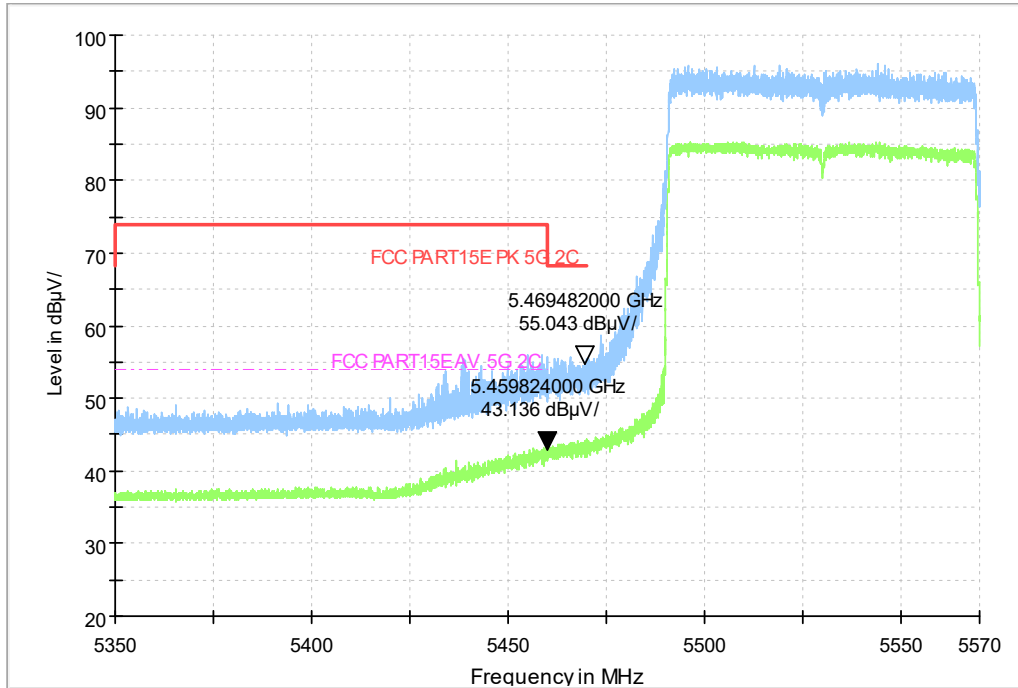


Pic.38 Frequency Band Edge: Ch58, 11ax 80M

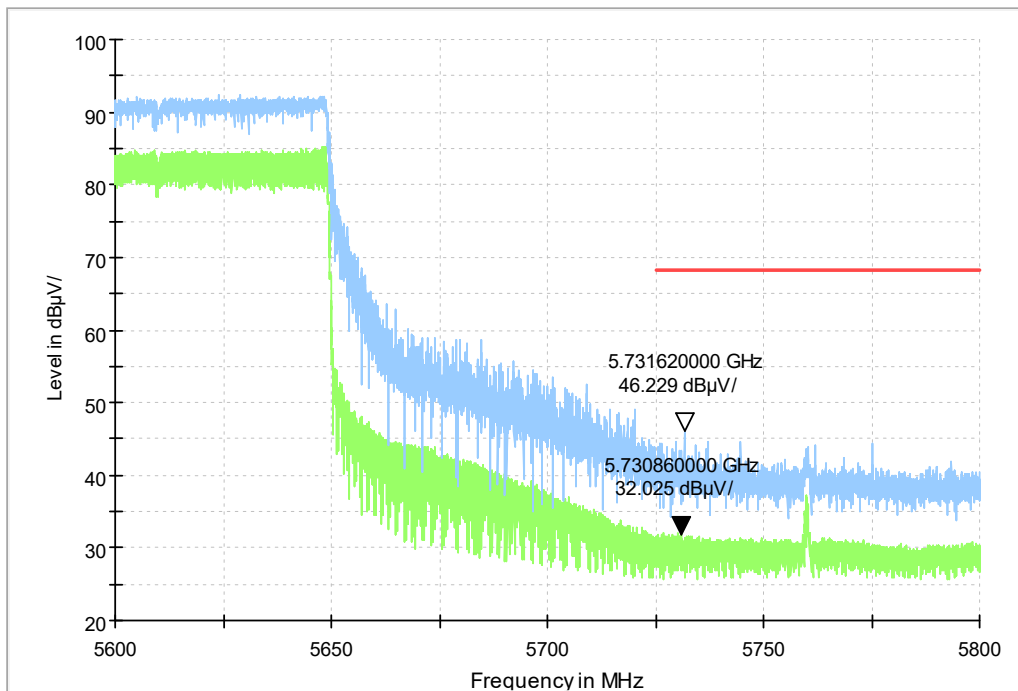
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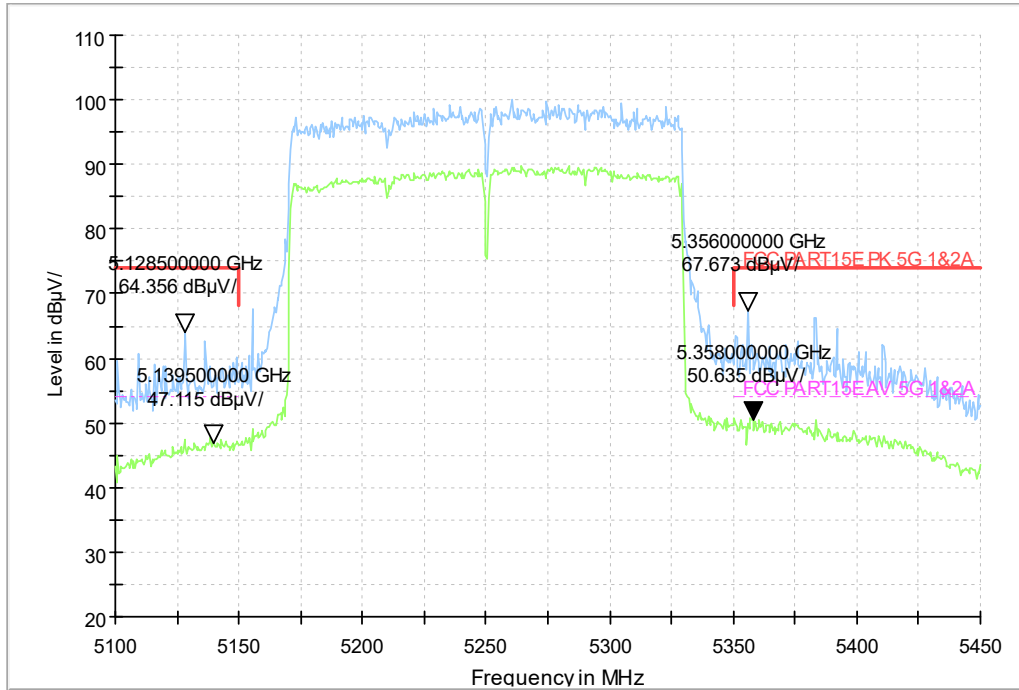
FAX: 0086-23-88608777



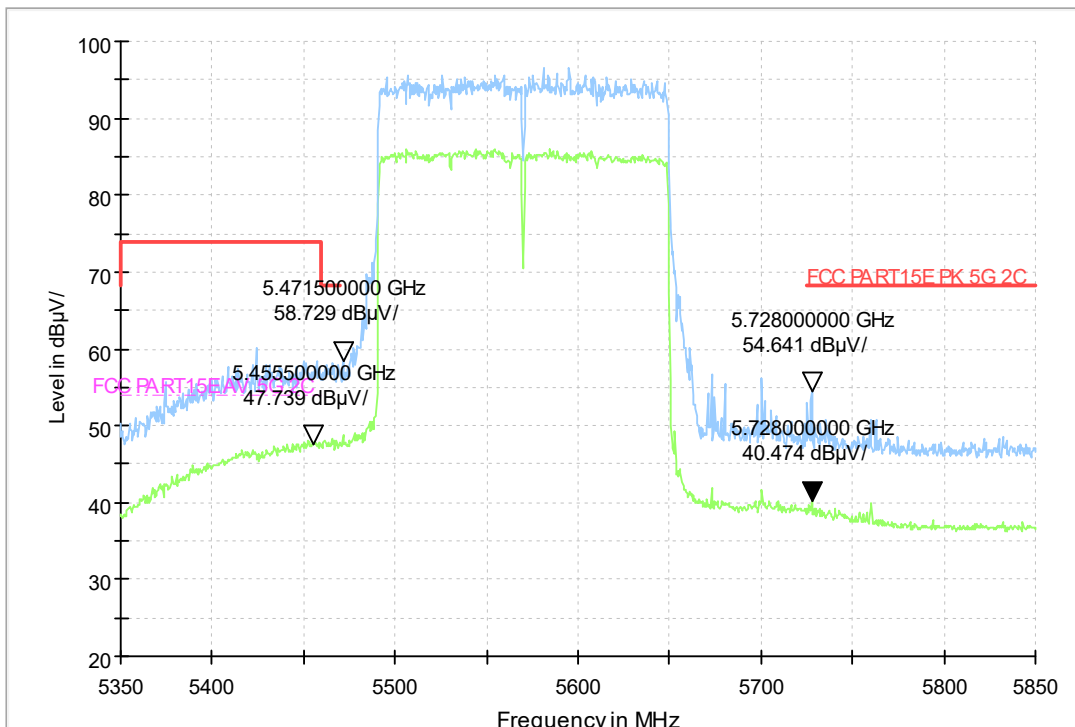
Pic.39 Frequency Band Edge: Ch106, 11ax 80M



Pic.40 Frequency Band Edge: Ch122, 11ax 80M



Pic.41 Frequency Band Edge: Ch50, 11ax 160M



Pic.42 Frequency Band Edge: Ch114, 11ax 160M

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6.6. Transmitter Spurious Emission-Radiated

SpeciPications:	FCC Part 15.407 (b)
DUT Serial Number:	S2
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit

According to FCC Part 15.407(b)(7): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a)(see §15.205(c)). According to FCC Part15.205,

Restricted bands

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

Applicable to	Limit	
FCC Part 15.407b(10), 15.205, 15.209	Field Strength at 3m	
	PK: 74 (dB μV/m)	AV: 54 (dB μV/m)
Applicable to	EIRP Limit	Equivalent Field Strength at 3m
15.407 (b) (1)	PK: -27 (dBm/MHz)	PK: 68. 2 (dB μV/m)

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15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	Note	Note

NOTE:For transmitters operating in the 5.725-5.85 GHz band:

Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the alternative limit.

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5

MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu V/m, \text{ where } P \text{ is the eirp (Watts)}$$

Limit in restricted band:

Frequency of emission (MHz)	Field strength (uV/m)	Measurement distance (meters)
0.009-0.49	2400/F(kHz)	300
0.49-1.705	24000/F(kHz)	30
1.705-30	30	30

Frequency of emission (MHz)	Field strength (uV/m)	Field strength (dBuV/m)
30~88	100	40
88~216	150	43.5
216~960	200	46
Above 960	500	54

Limits of Radiated Emission Measurement(Above 1000MHz)

Frequency(MHz)	Class B(dBuV/m)(at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

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Note:

1. Emission level in dBuV/m= $20 \log(uV/m)$
2. Measurement was performed at an antenna to the closed point of EUT distance of meters. 3. For Frequency 9kHz~30MHz:

Distance extrapolation factor = $40 \log(\text{Specific distance} / \text{test distance})(dB)$;

Limit line = Specific limits(dBuV) + distance extrapolation factor.

For Frequency above 30MHz:

Distance extrapolation factor = $20 \log(\text{Specific distance} / \text{test distance})(dB)$;

Limit line = Specific limits(dBuV) + distance extrapolation factor.

Measurement Uncertainty:

Frequency Range	Uncertainty
9kHz-30MHz	4.54dB
30MHz -1GHz	4.09dB
1GHz - 6GHz	4.84dB
6GHz - 18GHz	4.52dB
18GHz - 26GHz	6.19dB
26GHz - 40GHz	6.04dB

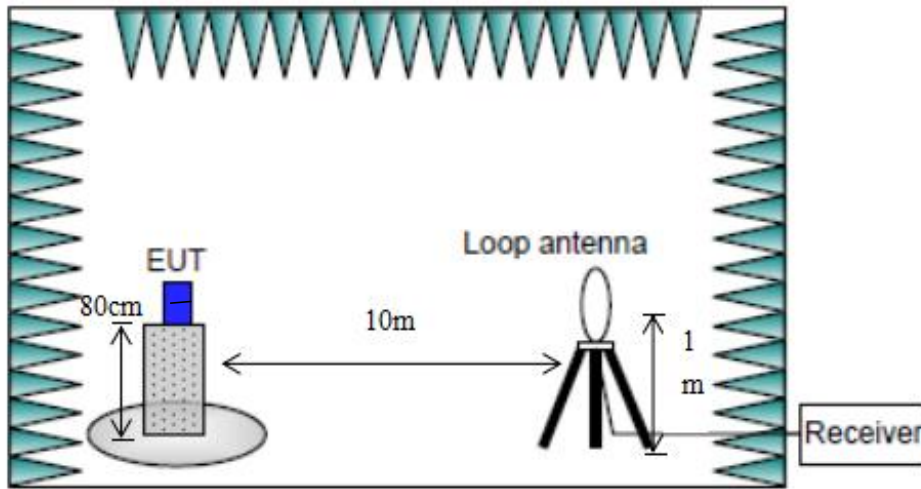
Test Setup

The EUT was placed in an anechoic chamber. The BLUETOOTH TESTER was used to set the TX channel and power level. The transmitter output is connected to Spectrum analyzer through a loop antenna (for frequency below 30MHz) or a Bilog antenna (for frequency 30MHz-1GHz) or a horn antenna (for frequency above 1GHz).

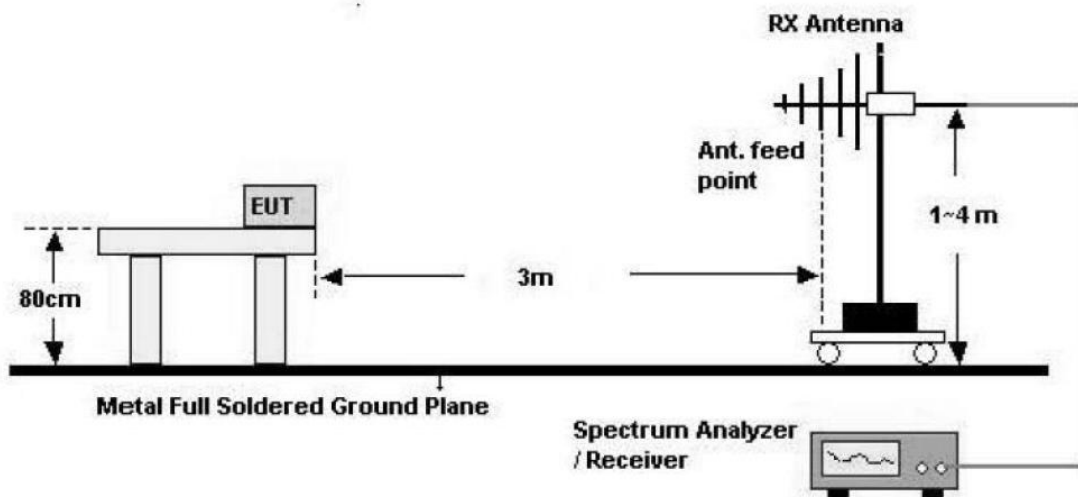
Below 30MHz:

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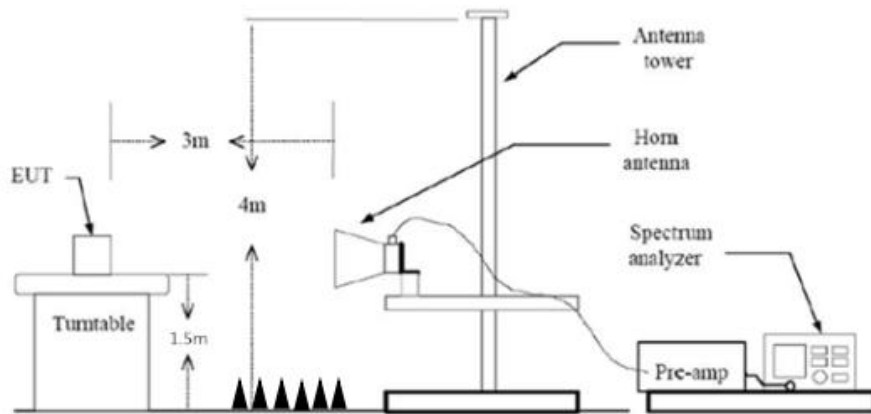
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30MHz-1GHz:



Above 1GHz:



Test Procedure

1. The EUT was placed on the top of a rotating table 1.5 meters (above 1GHz) and 0.8 meters (below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions (802.11a-ant0, 802.11n/ac/ax-mimo mode) are reported.

Frequency of emission (MHz)	RBW/VBW	Sweep Time
0.009-30	10kHz/30kHz	5

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30~1000	100KHz/300KHz	5s
1000~3000	1MHz/3MHz	3s
3000~18000	1MHz/3MHz	7s
18000~26500	1MHz/3MHz	0.5s
26500~40000	1MHz/3MHz	0.5s

Test Result:

A “reference path loss” is established and AR_{pi} is the attenuation of “reference path loss”, and including the gain of receive antenna , the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

AR_{pi}= Cable loss + Antenna Gain-Preamplifier gain

Result=PM_{ea} + AR_{pi}

Mode	Channel	Frequency Range	Test Results	Conclusion
All channels		30MH-1GHz	Pic.1	Pass
802.11a	36	1GHz-6GHz	Pic.2	Pass
		6GHz-18GHz	Pic.3	
	40	1GHz-6GHz	Pic.4	Pass
		6GHz-18GHz	Pic.5	
	48	1GHz-6GHz	Pic.6	Pass
		6GHz-18GHz	Pic.7	
	52	1GHz-6GHz	Pic.8	Pass
		6GHz-18GHz	Pic.9	
	60	1GHz-6GHz	Pic.10	Pass
		6GHz-18GHz	Pic.11	
	64	1GHz-6GHz	Pic.12	Pass
		6GHz-18GHz	Pic.13	
	100	1GHz-6GHz	Pic.14	Pass
		6GHz-18GHz	Pic.15	
	116	1GHz-6GHz	Pic.16	Pass
		6GHz-18GHz	Pic.17	
	140	1GHz-6GHz	Pic.18	Pass
		6GHz-18GHz	Pic.19	
802.11n(20M)	36	1GHz-6GHz	Pic.20	Pass
		6GHz-18GHz	Pic.21	
	40	1GHz-6GHz	Pic.22	Pass
		6GHz-18GHz	Pic.23	

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	48	1GHz-6GHz	Pic.24	Pass
		6GHz-18GHz	Pic.25	
	52	1GHz-6GHz	Pic.26	Pass
		6GHz-18GHz	Pic.27	
	60	1GHz-6GHz	Pic.28	Pass
		6GHz-18GHz	Pic.29	
	64	1GHz-6GHz	Pic.30	Pass
		6GHz-18GHz	Pic.31	
	100	1GHz-6GHz	Pic.32	Pass
		6GHz-18GHz	Pic.33	
	116	1GHz-6GHz	Pic.34	Pass
		6GHz-18GHz	Pic.35	
	140	1GHz-6GHz	Pic.36	Pass
		6GHz-18GHz	Pic.37	
802.11n(40M)	38	1GHz-6GHz	Pic.38	Pass
		6GHz-18GHz	Pic.39	
	46	1GHz-6GHz	Pic.40	Pass
		6GHz-18GHz	Pic.41	
	54	1GHz-6GHz	Pic.42	Pass
		6GHz-18GHz	Pic.43	
	62	1GHz-6GHz	Pic.44	Pass
		6GHz-18GHz	Pic.45	
	102	1GHz-6GHz	Pic.46	Pass
		6GHz-18GHz	Pic.47	
	118	1GHz-6GHz	Pic.48	Pass
		6GHz-18GHz	Pic.49	
	134	1GHz-6GHz	Pic.50	Pass
		6GHz-18GHz	Pic.51	
802.11ac(80M)	42	1GHz-6GHz	Pic.52	Pass
		6GHz-18GHz	Pic.53	
	58	1GHz-6GHz	Pic.54	Pass
		6GHz-18GHz	Pic.55	
	106	1GHz-6GHz	Pic.56	Pass
		6GHz-18GHz	Pic.57	
	122	1GHz-6GHz	Pic.58	Pass
		6GHz-18GHz	Pic.59	
802.11ac(160M)	50	1GHz-6GHz	Pic.60	Pass
		6GHz-18GHz	Pic.61	
	114	1GHz-6GHz	Pic.62	Pass

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		6GHz-18GHz	Pic.63	
802.11ax(20M)	36	1GHz-6GHz	Pic.64	Pass
		6GHz-18GHz	Pic.65	
	40	1GHz-6GHz	Pic.66	Pass
		6GHz-18GHz	Pic.67	
	48	1GHz-6GHz	Pic.68	Pass
		6GHz-18GHz	Pic.69	
	52	1GHz-6GHz	Pic.70	Pass
		6GHz-18GHz	Pic.71	
	60	1GHz-6GHz	Pic.72	Pass
		6GHz-18GHz	Pic.73	
	64	1GHz-6GHz	Pic.74	Pass
		6GHz-18GHz	Pic.75	
	100	1GHz-6GHz	Pic.76	Pass
		6GHz-18GHz	Pic.77	
	116	1GHz-6GHz	Pic.78	Pass
		6GHz-18GHz	Pic.79	
	140	1GHz-6GHz	Pic.80	Pass
		6GHz-18GHz	Pic.81	
802.11ax(40M)	38	1GHz-6GHz	Pic.82	Pass
		6GHz-18GHz	Pic.83	
	46	1GHz-6GHz	Pic.84	Pass
		6GHz-18GHz	Pic.85	
	54	1GHz-6GHz	Pic.86	Pass
		6GHz-18GHz	Pic.87	
	62	1GHz-6GHz	Pic.88	Pass
		6GHz-18GHz	Pic.89	
	102	1GHz-6GHz	Pic.90	Pass
		6GHz-18GHz	Pic.91	
	118	1GHz-6GHz	Pic.92	Pass
		6GHz-18GHz	Pic.93	
	134	1GHz-6GHz	Pic.94	Pass
		6GHz-18GHz	Pic.95	
802.11ax(80M)	42	1GHz-6GHz	Pic.96	Pass
		6GHz-18GHz	Pic.97	
	58	1GHz-6GHz	Pic.98	Pass
		6GHz-18GHz	Pic.99	
	106	1GHz-6GHz	Pic.100	Pass
		6GHz-18GHz	Pic.101	

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	122	1GHz-6GHz	Pic.102	Pass
		6GHz-18GHz	Pic.103	
802.11ax(160M)	50	1GHz-6GHz	Pic.104	Pass
		6GHz-18GHz	Pic.105	
	114	1GHz-6GHz	Pic.106	Pass
		6GHz-18GHz	Pic.107	
All channels		18GHz-26.5GHz	Pic.108	Pass
All channels		26.5GHz-40GHz	Pic.109	Pass

Note:

1) The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

Transmitter Spurious Emission-Radiated H and V are tested together, The test result is maximum hold. Therefore, the result is only one set of data.

Found the emission level are attenuated 20dB below the limits for frequency range 9kHz to 30MHz, so it does not recorded in report.

The 30MHz-1GHz, 18GHz-26.5GHz and 26.5GHz-40GHz results were found as the worst case and were shown in this report.

Conclusion: PASS

Test graphs as below:

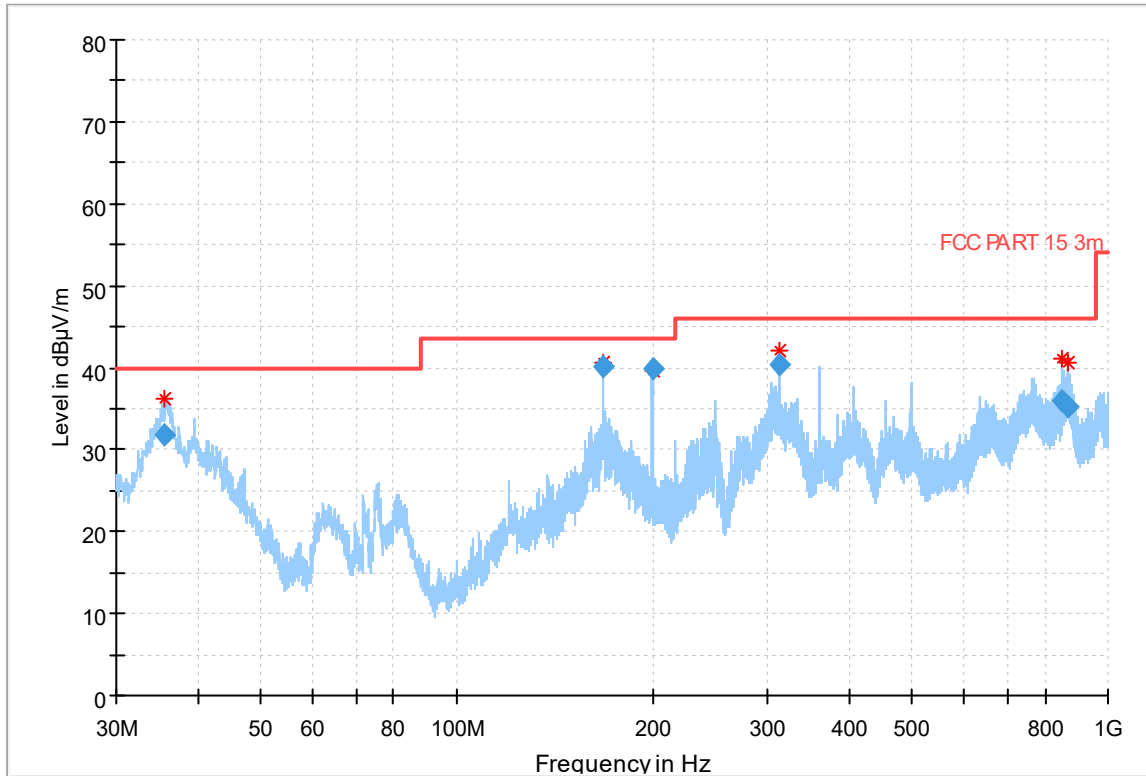


Fig.1 Radiated emission: 30MHz-1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.668500	31.74	40.00	8.26	1000.	120.000	118.0	V	200.0	-21.9
168.022500	40.04	43.50	3.46	1000.	120.000	139.0	H	222.0	-20.9
199.935500	39.85	43.50	3.65	1000.	120.000	150.0	H	231.0	-18.4
312.019000	40.27	46.00	5.73	1000.	120.000	106.0	H	201.0	-15.5
851.325500	35.99	46.00	10.01	1000.	120.000	100.0	H	153.0	-4.7
865.033000	35.29	46.00	10.71	1000.	120.000	106.0	H	160.0	-4.5

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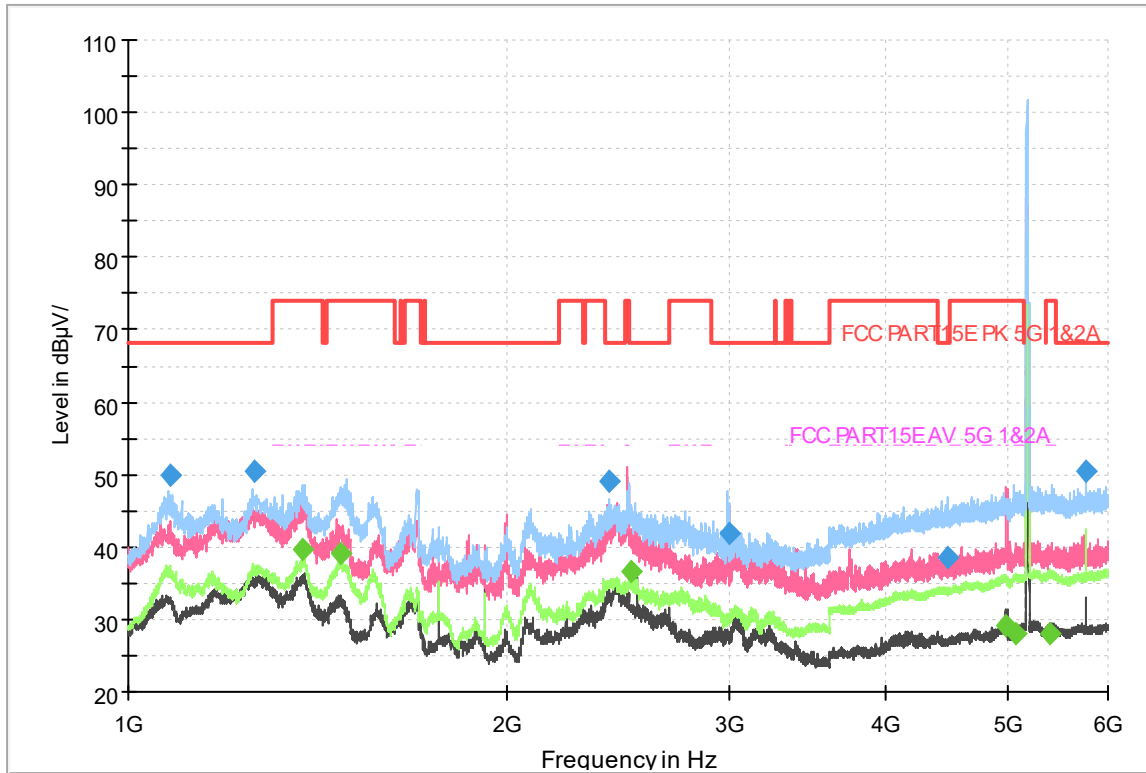


Fig.2 Radiated emission: 11a Ch36, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1081.120000	50.04	---	68.20	18.16	50.0	1000.000	200.0	H	64.0	-13.4
1258.717500	50.52	---	68.20	17.68	50.0	1000.000	200.0	H	20.0	-13.0
1377.120000	---	39.60	54.00	14.40	50.0	1000.000	200.0	H	71.0	-12.8
1472.600000	---	39.01	54.00	14.99	50.0	1000.000	200.0	H	20.0	-13.1
2408.452500	49.00	---	68.20	19.20	50.0	1000.000	200.0	H	12.0	-9.8
2508.020000	---	36.60	54.00	17.40	50.0	1000.000	200.0	H	12.0	-9.3
2999.555000	41.84	---	68.20	26.36	50.0	1000.000	200.0	H	12.0	-8.1
4475.107500	38.61	---	68.20	29.59	50.0	1000.000	200.0	H	5.0	-4.0
4981.690000	---	29.24	54.00	24.76	50.0	1000.000	200.0	H	100.0	-2.3
5068.117500	---	27.98	54.00	26.02	50.0	1000.000	200.0	H	56.0	-1.9
5398.475000	---	27.98	54.00	26.02	50.0	1000.000	200.0	H	165.0	-1.9
5760.197500	50.53	---	68.20	17.67	50.0	1000.000	200.0	H	194.0	-1.3

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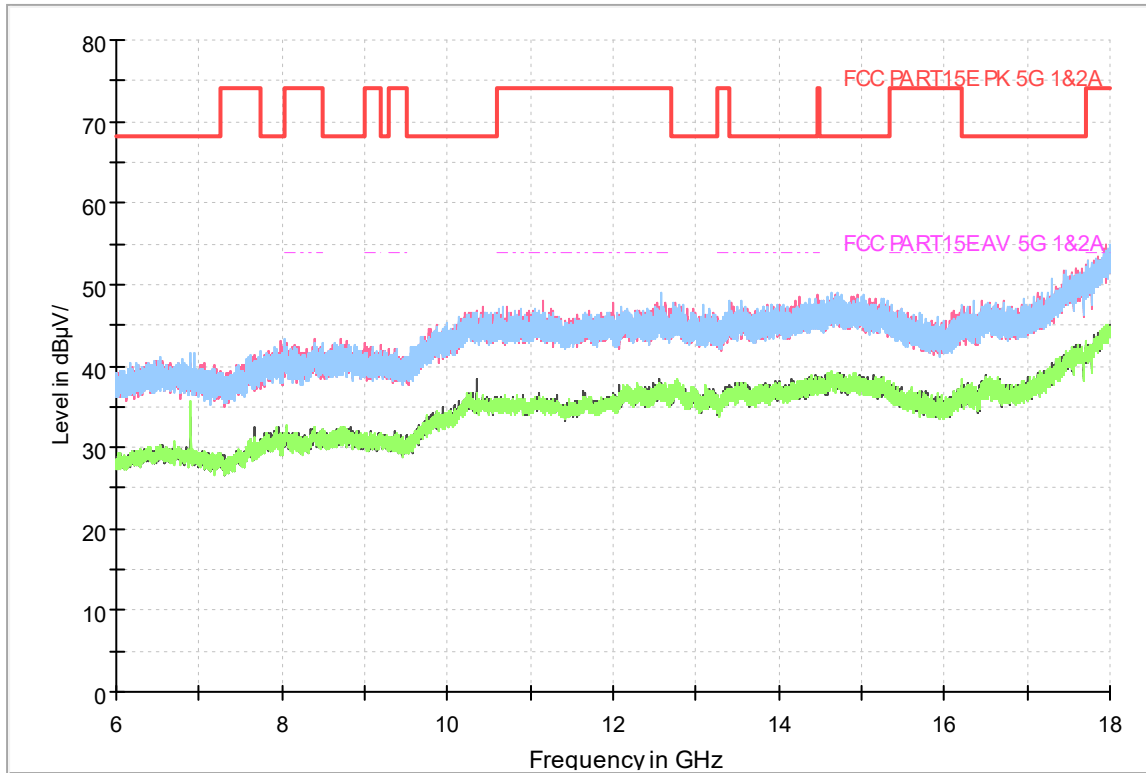


Fig.3 Radiated emission: 11a Ch36, 6GHz-18GHz

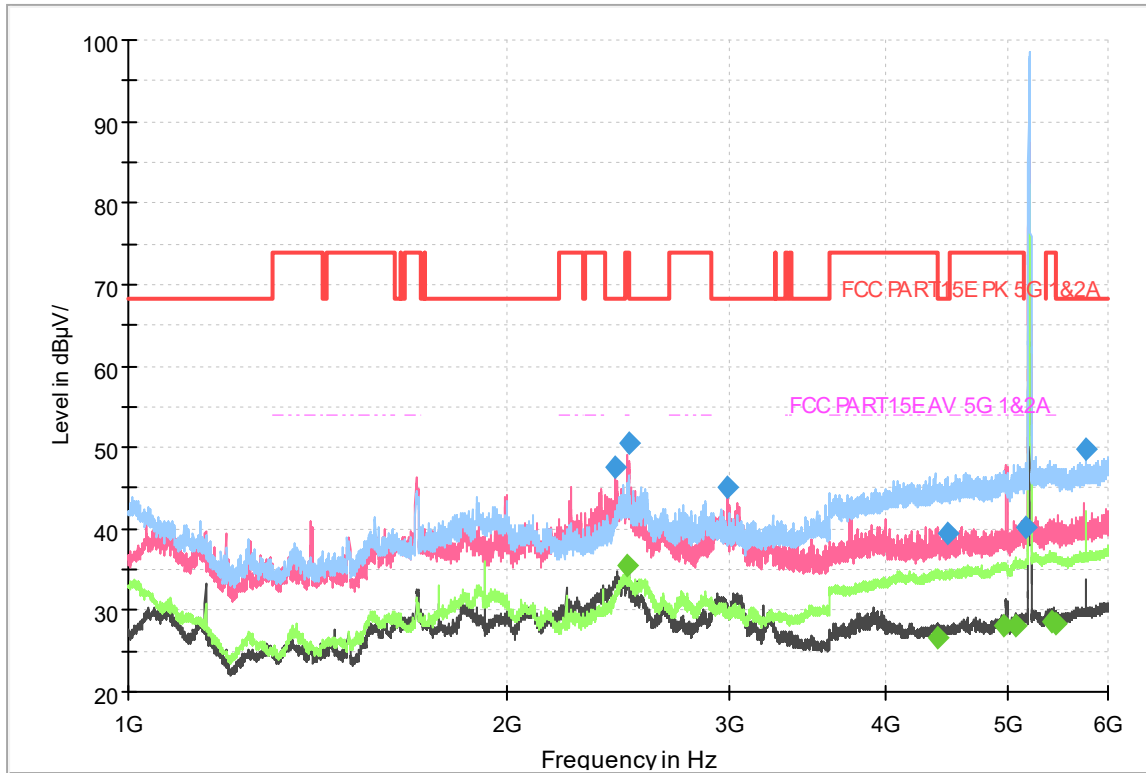


Fig.4 Radiated emission: 11a Ch40, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2435.320000	47.63	---	68.20	20.57	50.0	1000.000	200.0	V	118.0	-9.5
2493.035000	---	35.53	54.00	18.47	50.0	1000.000	200.0	V	140.0	-9.2
2496.000000	50.40	---	74.00	23.60	50.0	1000.000	200.0	V	96.0	-9.2
2991.020000	45.07	---	68.20	23.13	50.0	1000.000	200.0	V	18.0	-7.8
4402.047500	---	26.70	54.00	27.30	50.0	1000.000	200.0	H	247.0	-3.8
4483.655000	39.38	---	68.20	28.82	50.0	1000.000	200.0	H	203.0	-3.7
4952.227500	---	28.05	54.00	25.95	50.0	1000.000	200.0	H	211.0	-2.3
5072.110000	---	28.20	54.00	25.80	50.0	1000.000	200.0	H	211.0	-2.0
5156.250000	40.20	---	74.00	33.80	50.0	1000.000	200.0	H	218.0	-2.1
5416.480000	---	28.71	54.00	25.29	50.0	1000.000	200.0	H	218.0	-1.3
5450.202500	---	28.38	54.00	25.62	50.0	1000.000	200.0	H	261.0	-1.3
5760.197500	49.76	---	68.20	18.44	50.0	1000.000	200.0	H	0.0	-0.8

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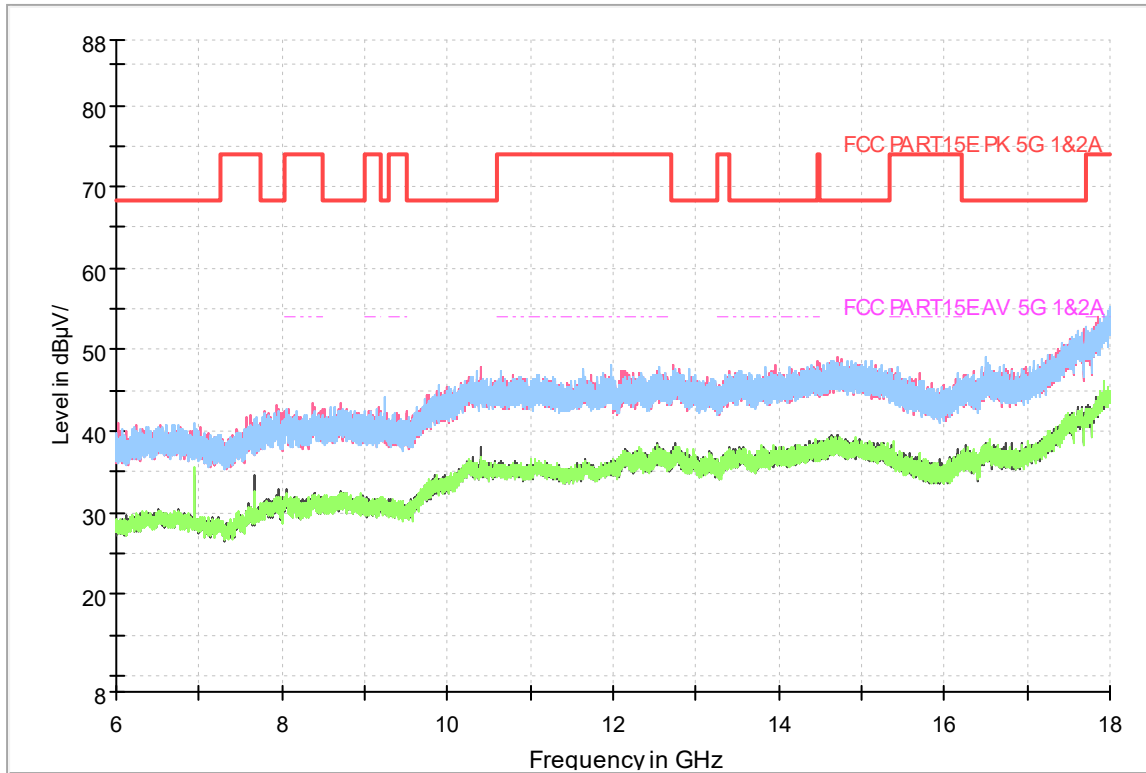


Fig.5 Radiated emission: 11a Ch40, 6GHz-18GHz

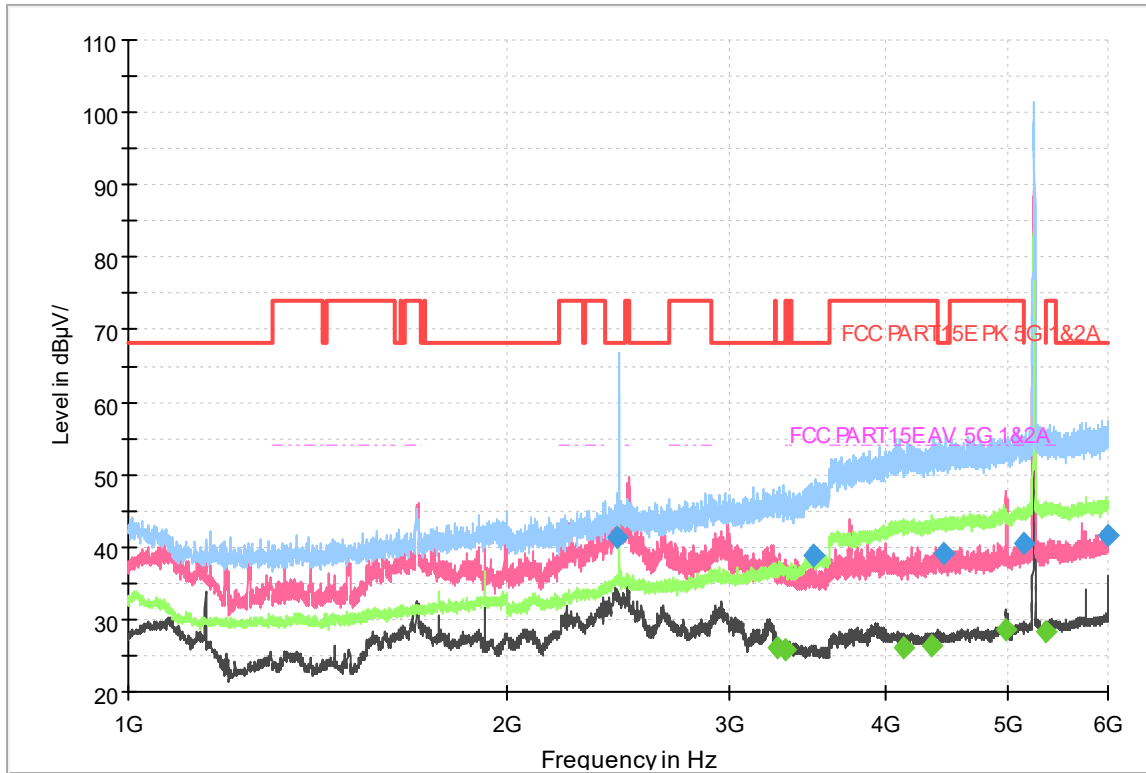


Fig.6 Radiated emission: 11a Ch48, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2445.725000	41.20	---	68.20	27.00	50.0	1000.000	200.0	H	195.0	-9.4
3279.682500	---	26.16	54.00	27.84	50.0	1000.000	200.0	H	16.0	-7.0
3325.310000	---	25.80	54.00	28.20	50.0	1000.000	200.0	H	2.0	-6.9
3498.425000	38.83	---	68.20	29.37	50.0	1000.000	200.0	H	2.0	-6.3
3499.040000	38.88	---	68.20	29.32	50.0	1000.000	200.0	H	2.0	-6.3
4134.380000	---	26.15	54.00	27.85	50.0	1000.000	200.0	H	16.0	-4.3
4341.280000	---	26.28	54.00	27.72	50.0	1000.000	200.0	H	2.0	-3.8
4446.710000	39.05	---	68.20	29.15	50.0	1000.000	200.0	H	16.0	-3.7
4983.190000	---	28.62	54.00	25.38	50.0	1000.000	200.0	H	2.0	-2.5
5141.250000	40.57	---	74.00	33.43	50.0	1000.000	200.0	H	16.0	-2.1
5358.172500	---	28.43	54.00	25.57	50.0	1000.000	200.0	H	16.0	-2.0
6000.000000	41.68	---	68.20	26.52	50.0	1000.000	200.0	H	2.0	-0.1

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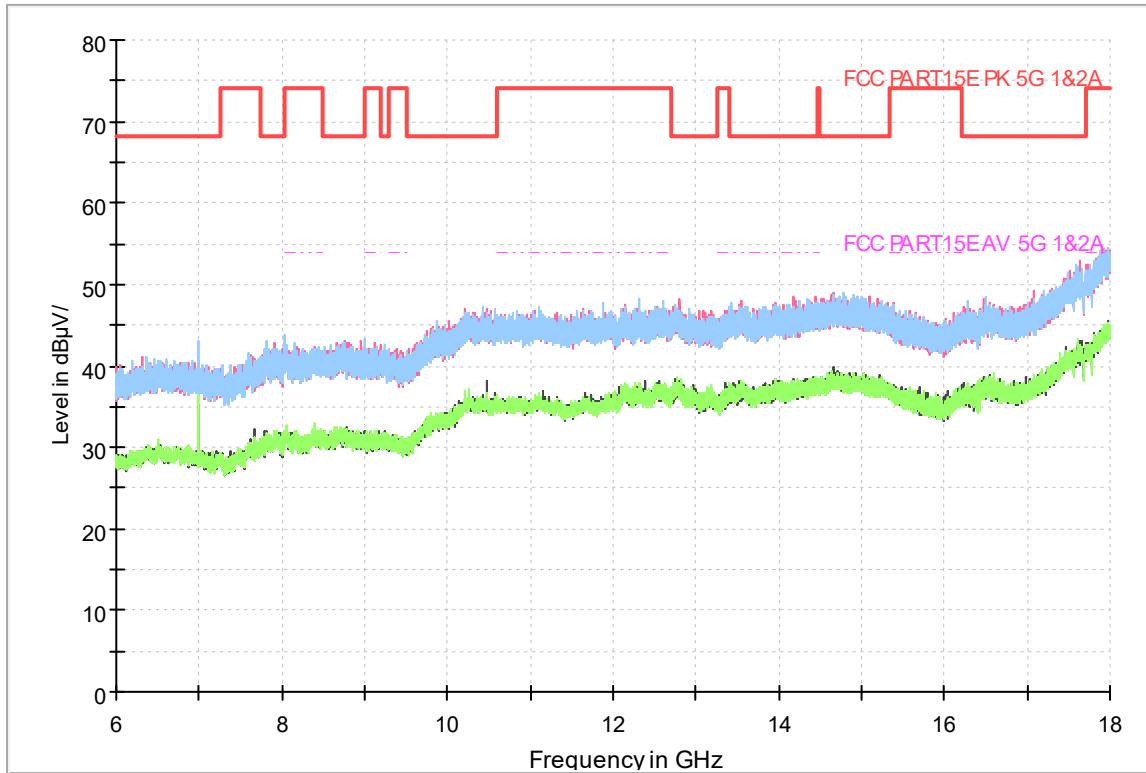


Fig.7 Radiated emission: 11a Ch48, 6GHz-18GHz

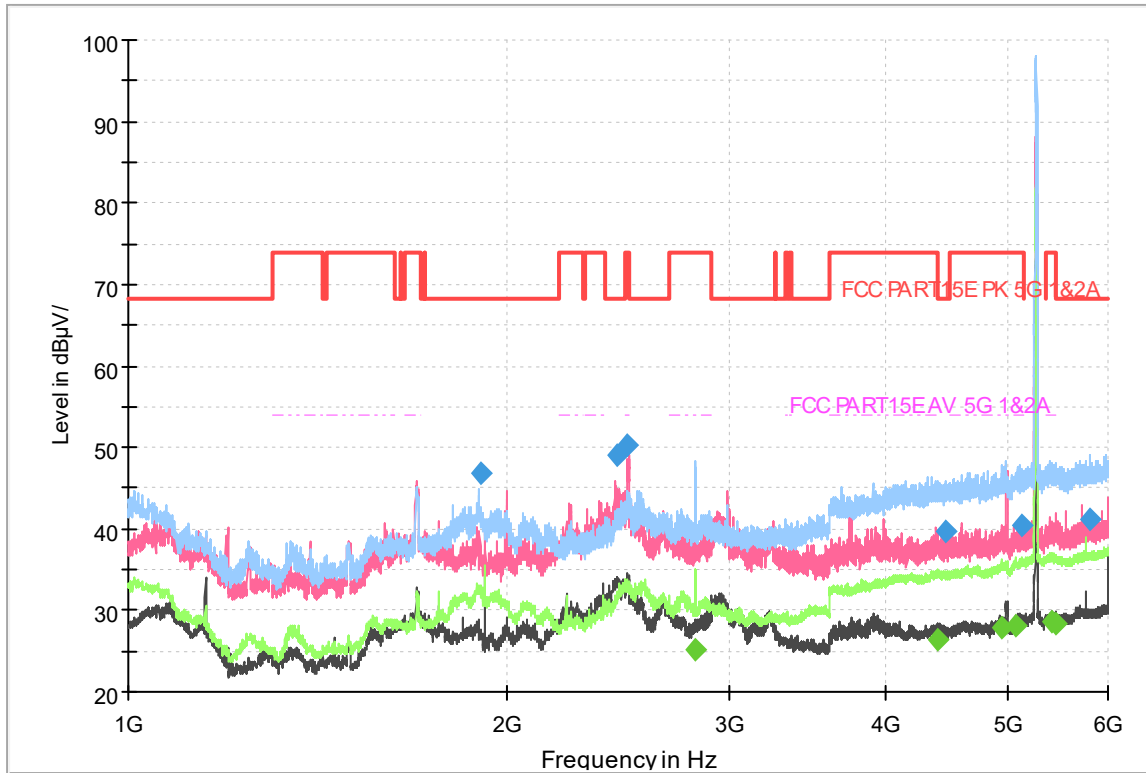


Fig.8 Radiated emission: 11a Ch52, 1GHz-6GHz

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1905.017500	46.90	---	68.20	21.30	50.0	1000.000	200.0	H	218.0	-10.9
2442.330000	49.09	---	68.20	19.11	50.0	1000.000	200.0	V	117.0	-9.4
2489.500000	50.37	---	74.00	23.63	50.0	1000.000	200.0	V	117.0	-9.3
2818.375000	---	25.13	54.00	28.87	50.0	1000.000	200.0	H	58.0	-8.2
4402.030000	---	26.47	54.00	27.53	50.0	1000.000	200.0	H	225.0	-3.8
4453.667500	39.61	---	68.20	28.59	50.0	1000.000	200.0	H	218.0	-3.7
4948.775000	---	27.90	54.00	26.10	50.0	1000.000	200.0	H	160.0	-2.3
5068.667500	---	28.10	54.00	25.90	50.0	1000.000	200.0	H	189.0	-2.0
5131.250000	40.32	---	74.00	33.68	50.0	1000.000	200.0	H	246.0	-2.1
5416.025000	---	28.57	54.00	25.43	50.0	1000.000	200.0	H	246.0	-1.3
5450.245000	---	28.32	54.00	25.68	50.0	1000.000	200.0	H	210.0	-1.3
5813.960000	41.27	---	68.20	26.93	50.0	1000.000	200.0	H	138.0	-0.8

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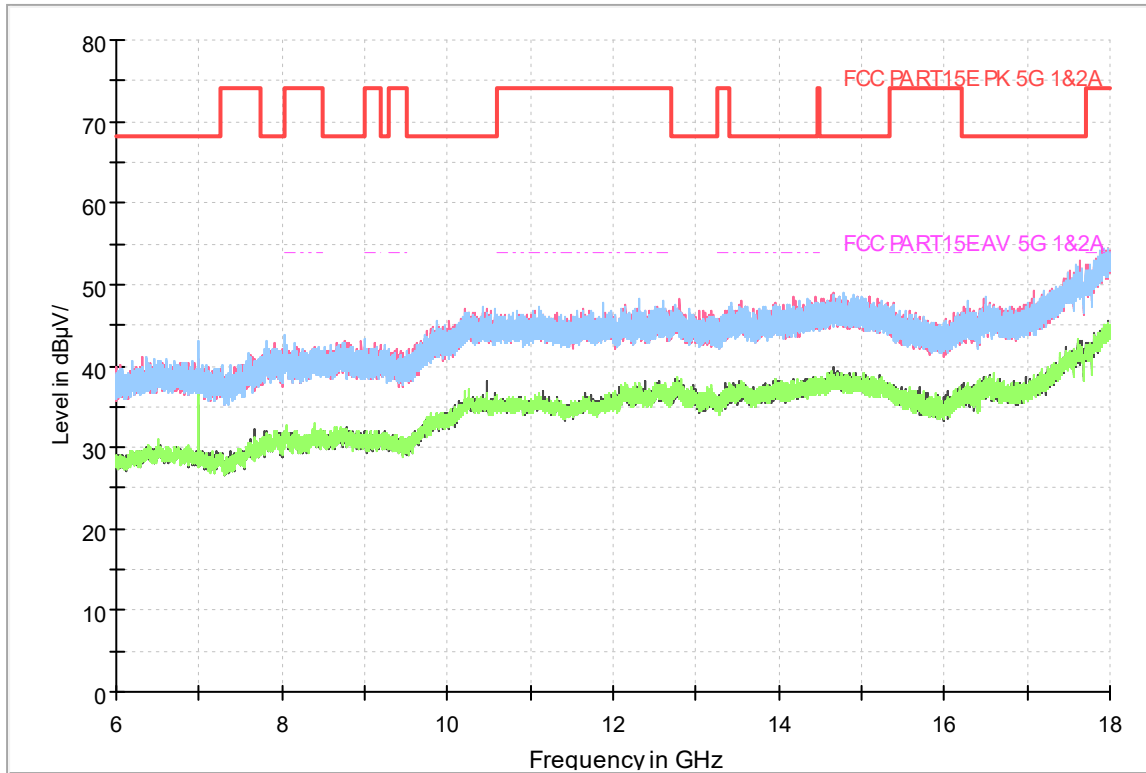


Fig.9 Radiated emission: 11a Ch52, 6GHz-18GHz

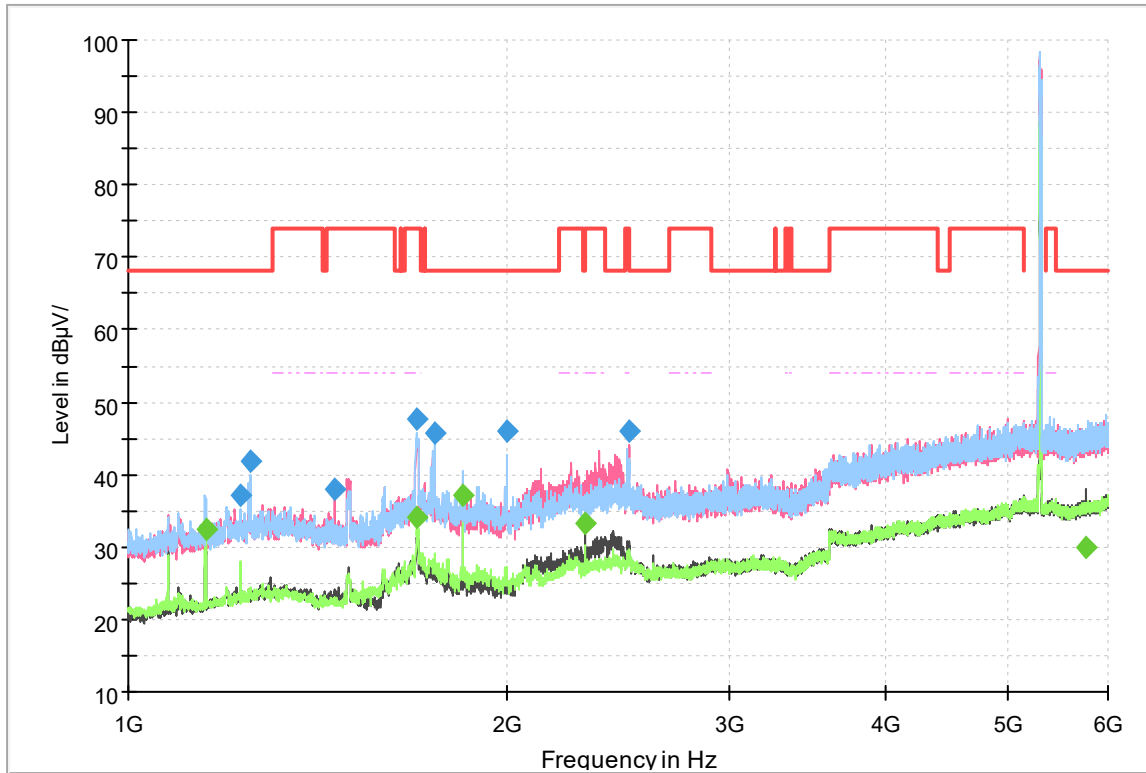


Fig.10 Radiated emission: 11a Ch60, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1152.000000	---	32.56	---	---	50.0	1000.000	200.0	H	0.0	-12.7
1228.882500	37.22	---	68.20	30.98	50.0	1000.000	200.0	H	180.0	-11.7
1248.755000	41.88	---	68.20	26.32	50.0	1000.000	200.0	H	0.0	-11.5
1459.197500	37.87	---	74.00	36.13	50.0	1000.000	200.0	V	0.0	-12.4
1694.025000	47.58	---	74.00	26.42	50.0	1000.000	200.0	H	270.0	-12.5
1695.500000	---	34.04	54.00	19.96	50.0	1000.000	200.0	H	270.0	-12.4
1748.772500	45.67	---	68.20	22.53	50.0	1000.000	200.0	H	270.0	-12.3
1843.000000	---	37.19	---	---	50.0	1000.000	200.0	H	90.0	-11.9
1997.015000	46.01	---	68.20	22.19	50.0	1000.000	200.0	H	0.0	-11.5
2304.000000	---	33.36	---	---	50.0	1000.000	200.0	V	90.0	-9.2
2497.512500	45.95	---	74.00	28.05	50.0	1000.000	200.0	V	270.0	-9.6
5760.500000	---	30.07	---	---	50.0	1000.000	200.0	V	0.0	-1.4

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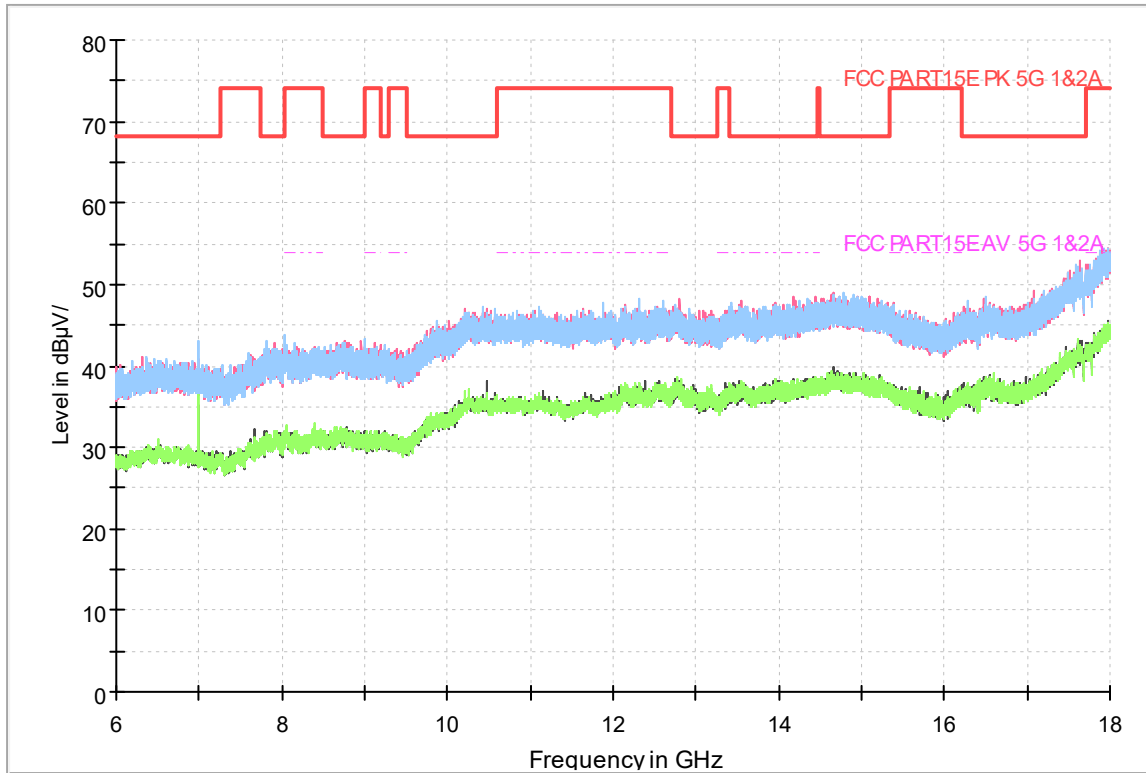


Fig.11 Radiated emission: 11a Ch60, 6GHz-18GHz

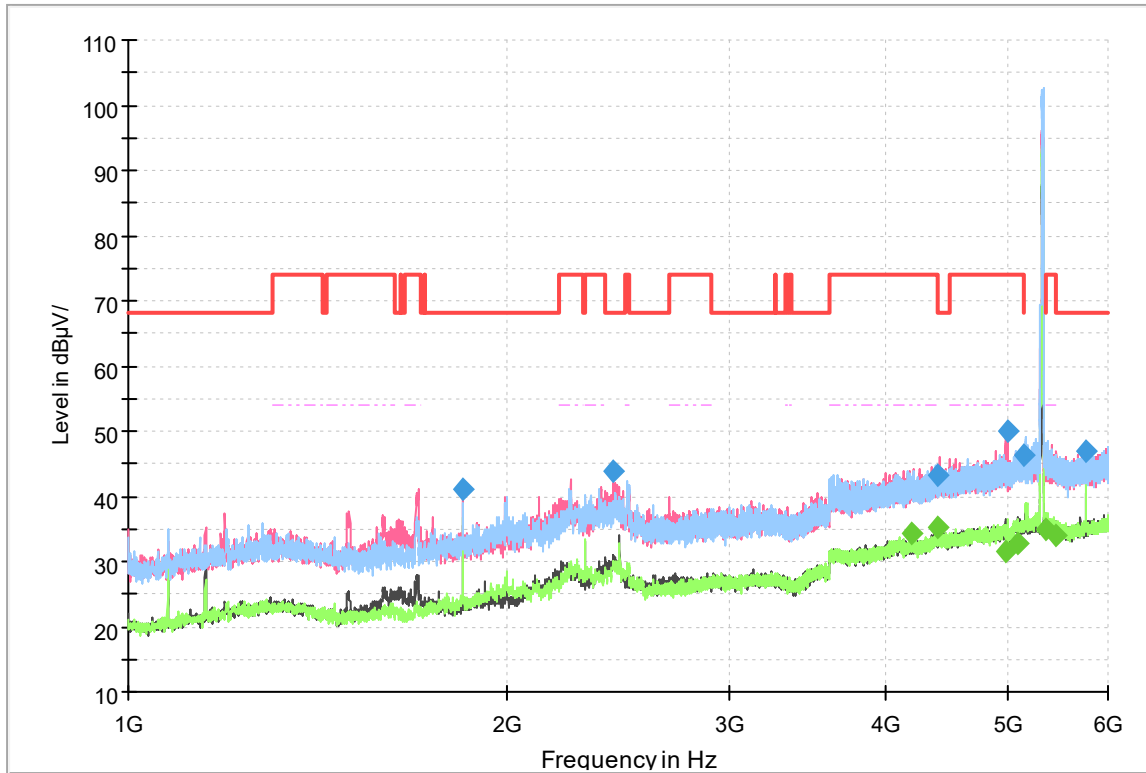


Fig.12 Radiated emission: 11a Ch64, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1843.285000	40.95	---	68.20	27.25	50.0	1000.000	200.0	V	270.0	-11.8
2427.880000	43.90	---	68.20	24.30	50.0	1000.000	200.0	V	90.0	-9.7
4190.000000	---	34.31	54.00	19.69	50.0	1000.000	200.0	H	270.0	-4.6
4395.500000	---	35.14	54.00	18.86	50.0	1000.000	200.0	V	270.0	-4.1
4398.440000	43.20	---	74.00	30.80	50.0	1000.000	200.0	V	270.0	-4.0
4984.500000	---	31.45	54.00	22.55	50.0	1000.000	200.0	V	270.0	-2.3
4995.537500	49.91	---	74.00	24.09	50.0	1000.000	200.0	V	270.0	-2.5
5092.000000	---	32.72	54.00	21.28	50.0	1000.000	200.0	V	270.0	-1.5
5144.750000	46.23	---	74.00	27.77	50.0	1000.000	200.0	V	270.0	-1.8
5351.000000	---	34.96	54.00	19.04	50.0	1000.000	200.0	H	270.0	-2.5
5453.000000	---	33.92	54.00	20.08	50.0	1000.000	200.0	H	270.0	-1.7
5760.200000	47.02	---	68.20	21.18	50.0	1000.000	200.0	H	270.0	-1.4

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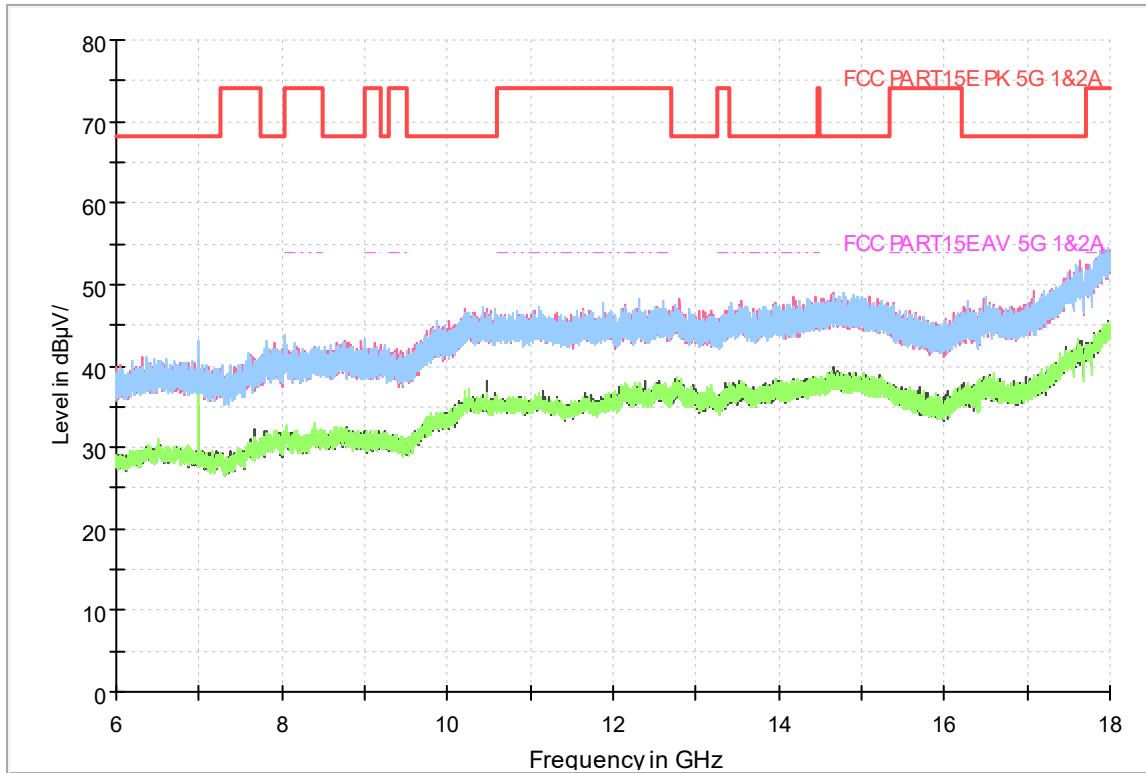


Fig.13 Radiated emission: 11a Ch64, 6GHz-18GHz

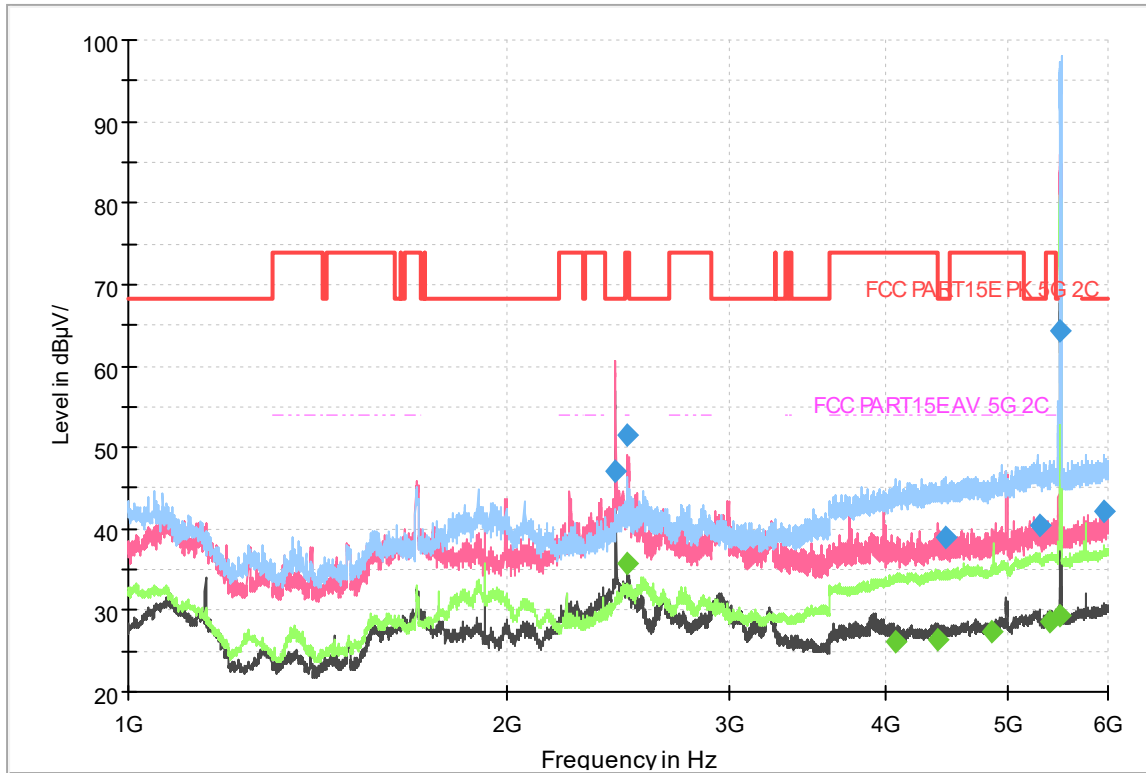


Fig.14 Radiated emission: 11a Ch100, 1GHz-6GHz

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2439.315000	47.11	---	68.20	21.09	50.0	1000.000	200.0	V	95.0	-9.5
2491.040000	---	35.83	54.00	18.17	50.0	1000.000	200.0	V	118.0	-9.3
2494.500000	51.43	---	74.00	22.57	50.0	1000.000	200.0	V	118.0	-9.2
4076.107500	---	26.12	54.00	27.88	50.0	1000.000	200.0	H	89.0	-4.3
4401.597500	---	26.36	54.00	27.64	50.0	1000.000	200.0	H	176.0	-3.8
4452.727500	38.92	---	68.20	29.28	50.0	1000.000	200.0	H	249.0	-3.7
4852.620000	---	27.38	54.00	26.62	50.0	1000.000	200.0	H	74.0	-2.8
5295.077500	40.55	---	68.20	27.65	50.0	1000.000	200.0	H	176.0	-1.7
5401.445000	---	28.63	54.00	25.37	50.0	1000.000	200.0	H	234.0	-1.5
5486.797500	---	29.37	54.00	24.63	50.0	1000.000	200.0	H	97.0	-1.5
5488.807500	64.39	---	68.20	3.81	50.0	1000.000	200.0	H	147.0	-1.5
5953.717500	42.05	---	68.20	26.15	50.0	1000.000	200.0	H	234.0	-0.4

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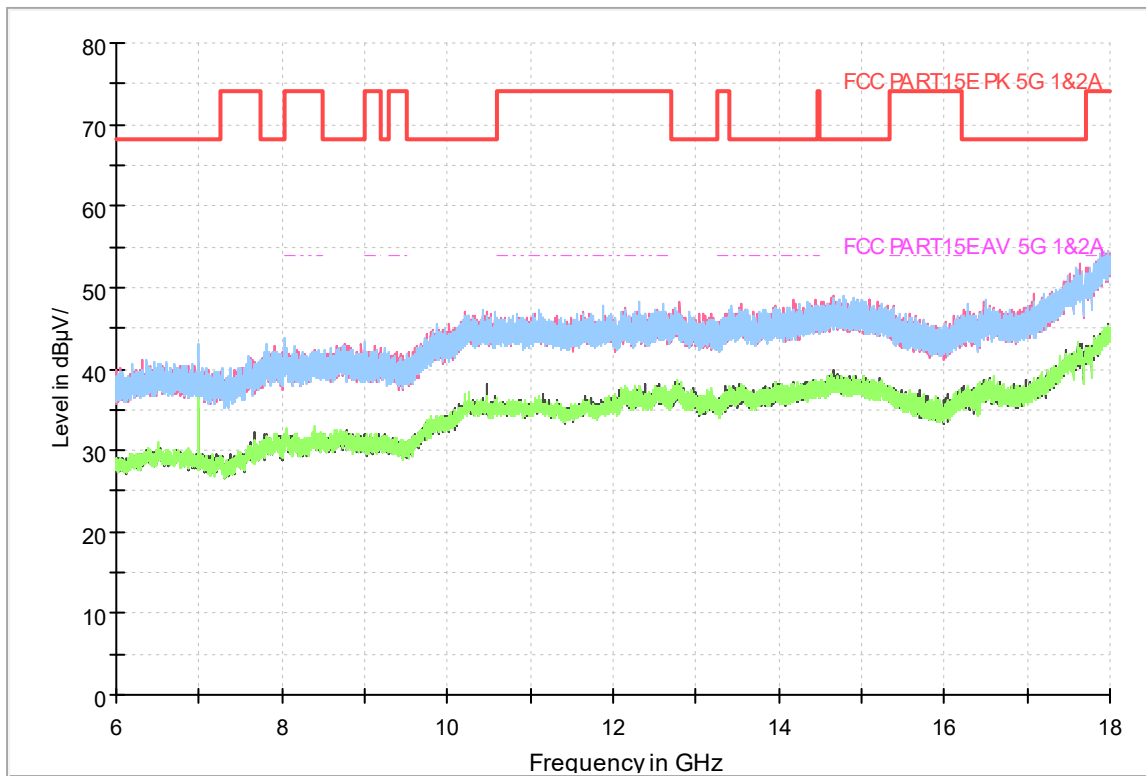


Fig.15 Radiated emission: 11a Ch100, 6GHz-18GHz

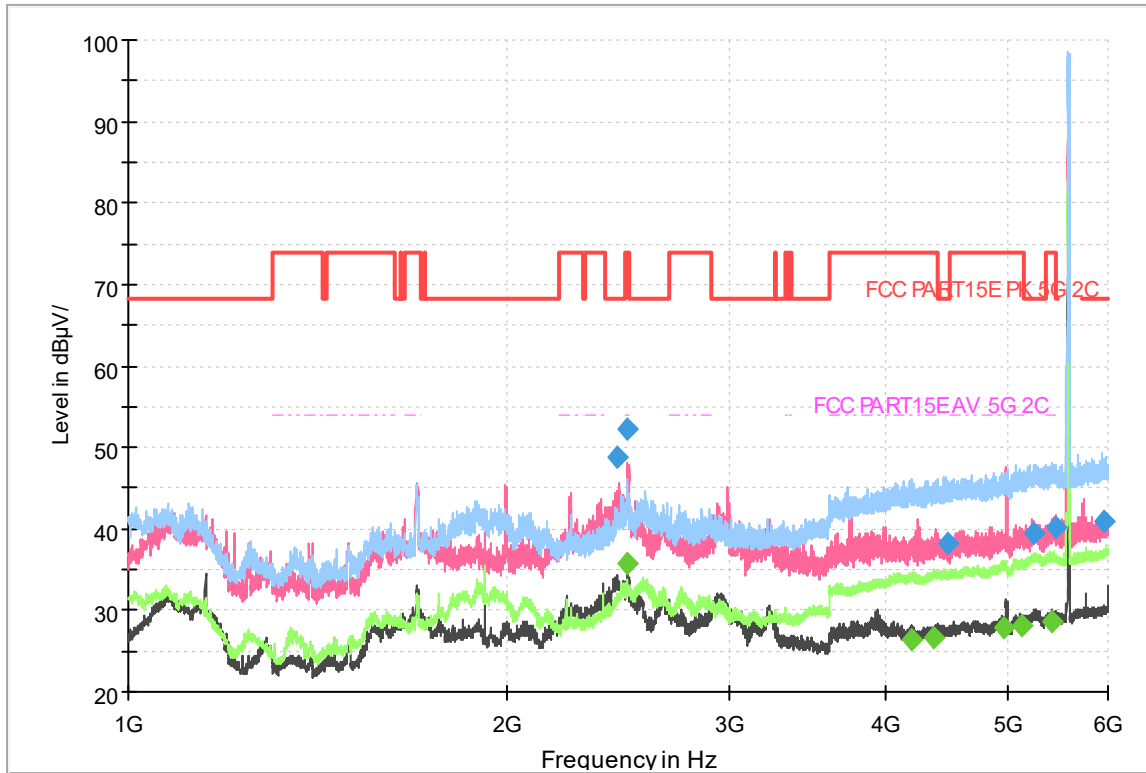


Fig.16 Radiated emission: 11a Ch116, 1GHz-6GHz

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2443.725000	48.69	---	68.20	19.51	50.0	1000.000	200.0	V	124.0	-9.4
2491.045000	---	35.84	54.00	18.16	50.0	1000.000	200.0	V	116.0	-9.3
2491.500000	52.18	---	74.00	21.82	50.0	1000.000	200.0	V	124.0	-9.2
4184.100000	---	26.39	54.00	27.61	50.0	1000.000	200.0	H	65.0	-3.9
4355.655000	---	26.59	54.00	27.41	50.0	1000.000	200.0	H	205.0	-3.8
4472.190000	38.28	---	68.20	29.92	50.0	1000.000	200.0	H	241.0	-3.7
4951.255000	---	27.86	54.00	26.14	50.0	1000.000	200.0	H	241.0	-2.3
5129.360000	---	28.15	54.00	25.85	50.0	1000.000	200.0	H	248.0	-2.1
5237.685000	39.54	---	68.20	28.66	50.0	1000.000	200.0	H	256.0	-1.6
5415.785000	---	28.57	54.00	25.43	50.0	1000.000	200.0	H	169.0	-1.3
5448.692500	40.08	---	74.00	33.92	50.0	1000.000	200.0	H	198.0	-1.3
5946.795000	40.80	---	68.20	27.40	50.0	1000.000	200.0	H	109.0	-0.5

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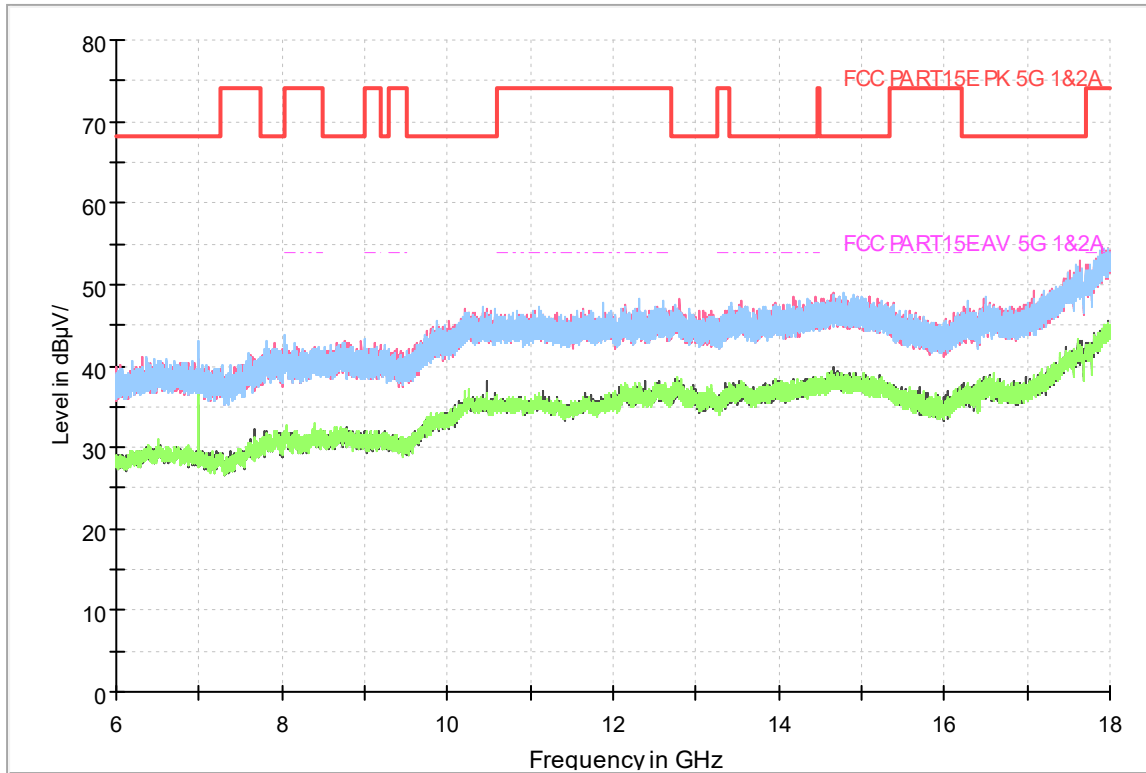


Fig.17 Radiated emission: 11a Ch116, 6GHz-18GHz

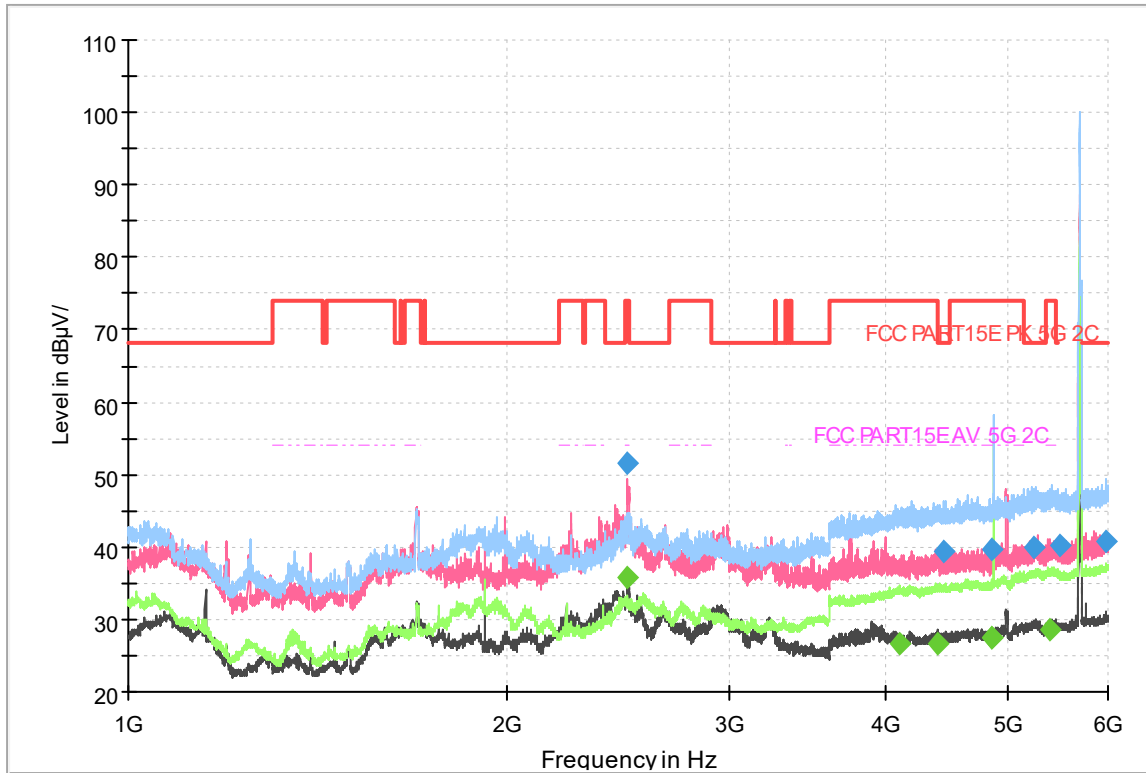


Fig.18 Radiated emission: 11a Ch140, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2489.000000	51.58	---	74.00	22.42	50.0	1000.000	200.0	V	118.0	-9.3
2491.042500	---	35.88	54.00	18.12	50.0	1000.000	200.0	V	118.0	-9.3
4094.490000	---	26.58	54.00	27.42	50.0	1000.000	200.0	H	211.0	-4.3
4398.072500	---	26.75	54.00	27.25	50.0	1000.000	200.0	H	226.0	-3.8
4449.707500	39.46	---	68.20	28.74	50.0	1000.000	200.0	H	211.0	-3.7
4852.130000	39.57	---	74.00	34.43	50.0	1000.000	200.0	H	175.0	-2.8
4852.615000	---	27.41	54.00	26.59	50.0	1000.000	200.0	H	175.0	-2.8
4852.630000	---	27.40	54.00	26.60	50.0	1000.000	200.0	H	175.0	-2.8
5234.432500	39.81	---	68.20	28.39	50.0	1000.000	200.0	H	160.0	-1.7
5400.920000	---	28.63	54.00	25.37	50.0	1000.000	200.0	H	240.0	-1.5
5485.160000	40.26	---	68.20	27.94	50.0	1000.000	200.0	H	233.0	-1.5
5975.137500	40.72	---	68.20	27.48	50.0	1000.000	200.0	H	261.0	-0.3

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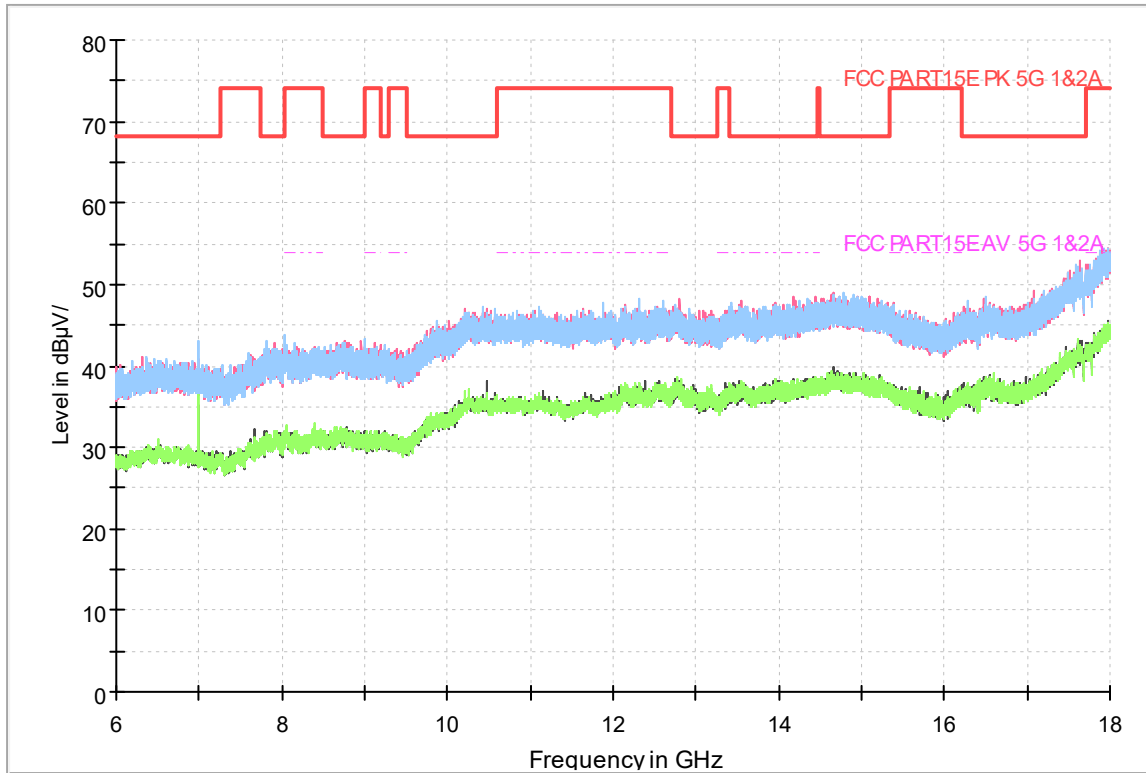


Fig.19 Radiated emission: 11a Ch140, 6GHz-18GHz

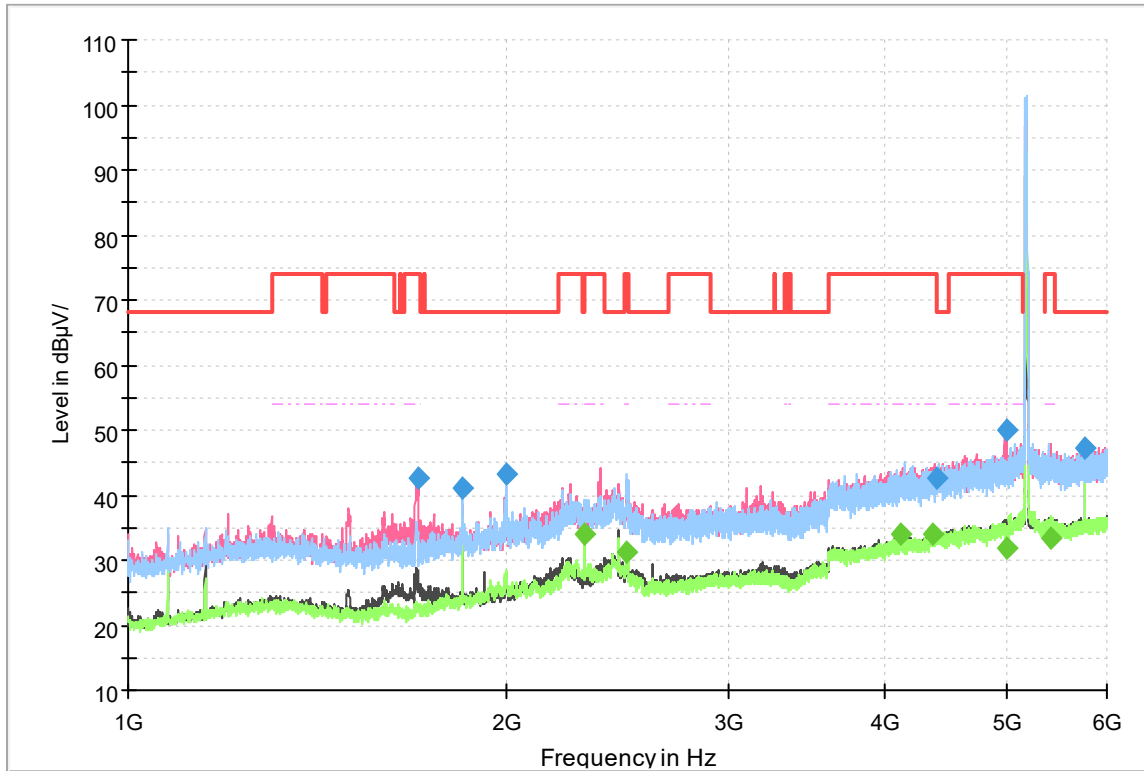


Fig.20 Radiated emission: 11n 20M, Ch36, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1698.520000	42.62	---	74.00	31.38	50.0	1000.000	200.0	V	0.0	-11.8
1843.285000	41.12	---	68.20	27.08	50.0	1000.000	200.0	H	0.0	-9.7
1997.012500	43.31	---	68.20	24.89	50.0	1000.000	200.0	H	270.0	-4.6
2304.000000	---	33.88	54.00	20.12	50.0	1000.000	200.0	V	180.0	-4.1
2491.000000	---	31.28	54.00	22.72	50.0	1000.000	200.0	H	0.0	-4.0
4113.500000	---	34.00	54.00	20.00	50.0	1000.000	200.0	H	270.0	-2.3
4361.000000	---	34.14	54.00	19.86	50.0	1000.000	200.0	V	270.0	-2.5
4398.467500	42.61	---	74.00	31.39	50.0	1000.000	200.0	H	270.0	-1.5
4995.000000	---	31.94	54.00	22.06	50.0	1000.000	200.0	V	270.0	-1.8
4995.580000	49.86	---	74.00	24.14	50.0	1000.000	200.0	V	270.0	-2.5
5412.000000	---	33.28	54.00	20.72	50.0	1000.000	200.0	H	270.0	-1.7
5760.197500	47.37	---	68.20	20.83	50.0	1000.000	200.0	H	270.0	-1.4

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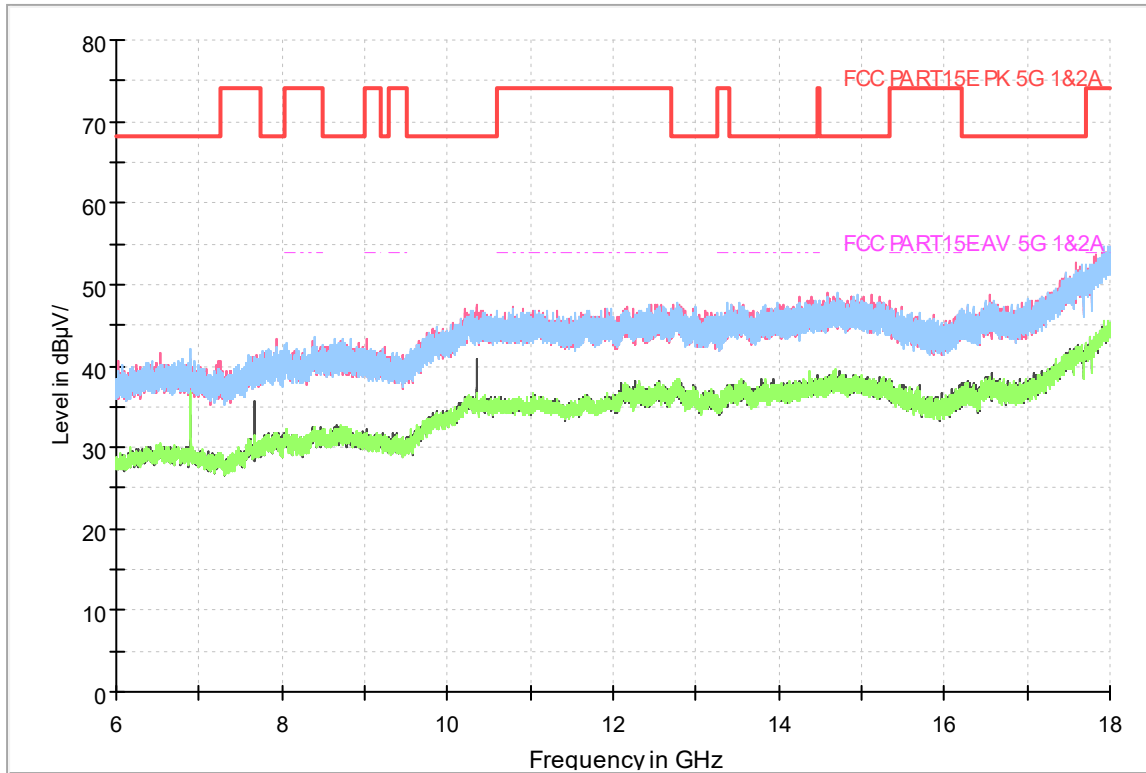


Fig.21 Radiated emission: 11n 20M, Ch36, 6GHz-18GHz

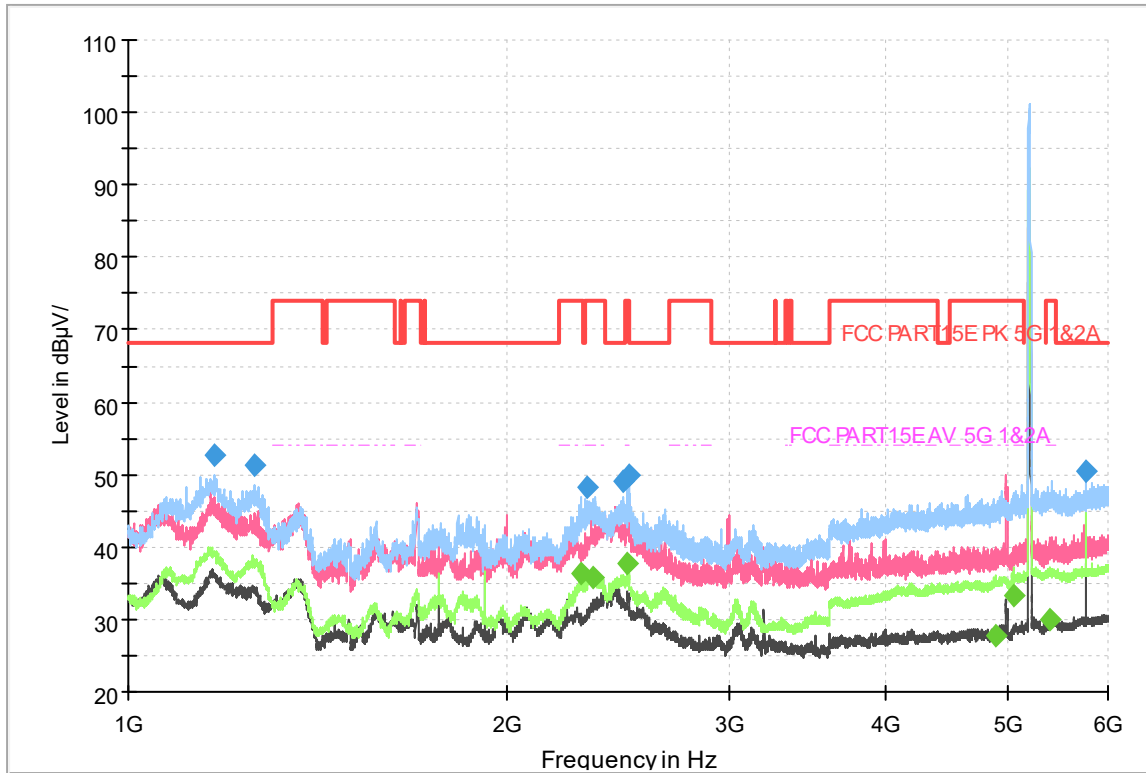


Fig.22 Radiated emission: 11n 20M, Ch40, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1168.650000	52.80	---	68.20	15.40	50.0	1000.000	200.0	H	250.0	-12.7
1259.707500	51.33	---	68.20	16.87	50.0	1000.000	200.0	H	257.0	-12.4
2292.530000	---	36.37	54.00	17.63	50.0	1000.000	200.0	H	0.0	-9.8
2311.465000	48.18	---	74.00	25.82	50.0	1000.000	200.0	H	81.0	-9.8
2337.805000	---	35.73	54.00	18.27	50.0	1000.000	200.0	H	73.0	-9.7
2469.640000	49.15	---	68.20	19.05	50.0	1000.000	200.0	H	88.0	-9.4
2490.540000	---	37.61	54.00	16.39	50.0	1000.000	200.0	H	88.0	-9.3
2499.500000	49.87	---	74.00	24.13	50.0	1000.000	200.0	V	115.0	-9.2
4887.525000	---	27.86	54.00	26.14	50.0	1000.000	200.0	H	228.0	-2.7
5044.740000	---	33.20	54.00	20.80	50.0	1000.000	200.0	H	270.0	-2.4
5397.552500	---	29.95	54.00	24.05	50.0	1000.000	200.0	H	214.0	-1.6
5760.200000	50.38	---	68.20	17.82	50.0	1000.000	200.0	H	206.0	-0.8

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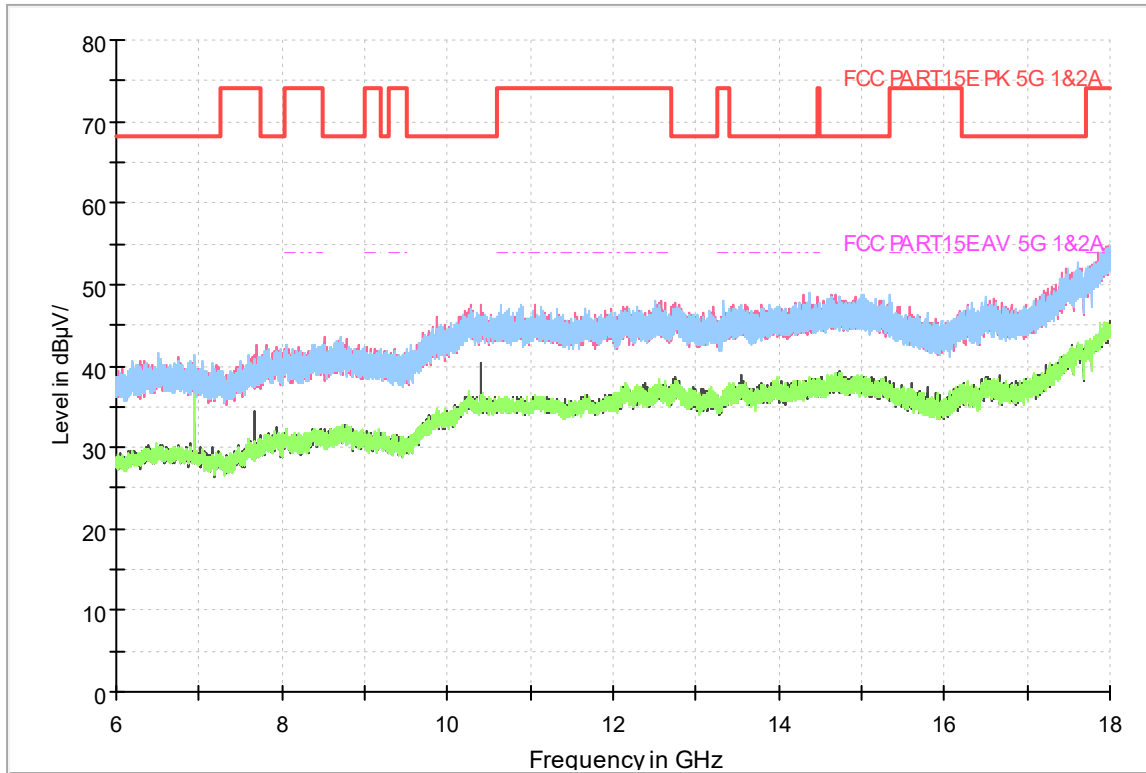


Fig.23 Radiated emission: 11n 20M, Ch40, 6GHz-18GHz

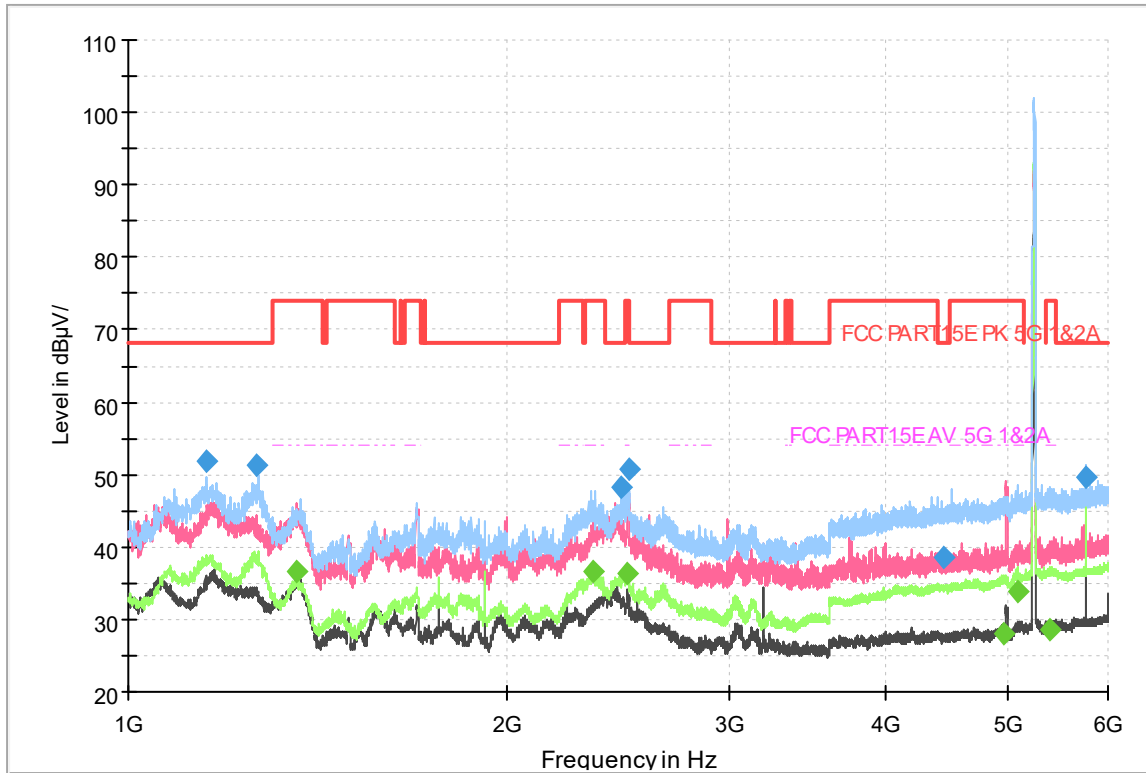


Fig.24 Radiated emission: 11n 20M, Ch48, 1GHz-6GHz

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1152.235000	51.86	---	68.20	16.34	50.0	1000.000	200.0	H	215.0	-12.7
1265.150000	51.19	---	68.20	17.01	50.0	1000.000	200.0	H	21.0	-12.4
1360.690000	---	36.58	54.00	17.42	50.0	1000.000	200.0	H	0.0	-12.2
2337.300000	---	36.67	54.00	17.33	50.0	1000.000	200.0	H	87.0	-9.7
2465.647500	48.22	---	68.20	19.98	50.0	1000.000	200.0	H	94.0	-9.4
2491.535000	---	36.38	54.00	17.62	50.0	1000.000	200.0	H	6.0	-9.2
2498.997500	50.63	---	74.00	23.37	50.0	1000.000	200.0	H	0.0	-9.2
4438.880000	38.69	---	68.20	29.51	50.0	1000.000	200.0	H	44.0	-3.7
4952.777500	---	27.93	54.00	26.07	50.0	1000.000	200.0	H	21.0	-2.3
5079.532500	---	33.97	54.00	20.03	50.0	1000.000	200.0	H	207.0	-2.0
5401.415000	---	28.63	54.00	25.37	50.0	1000.000	200.0	H	0.0	-1.5
5760.200000	49.51	---	68.20	18.69	50.0	1000.000	200.0	H	215.0	-0.8

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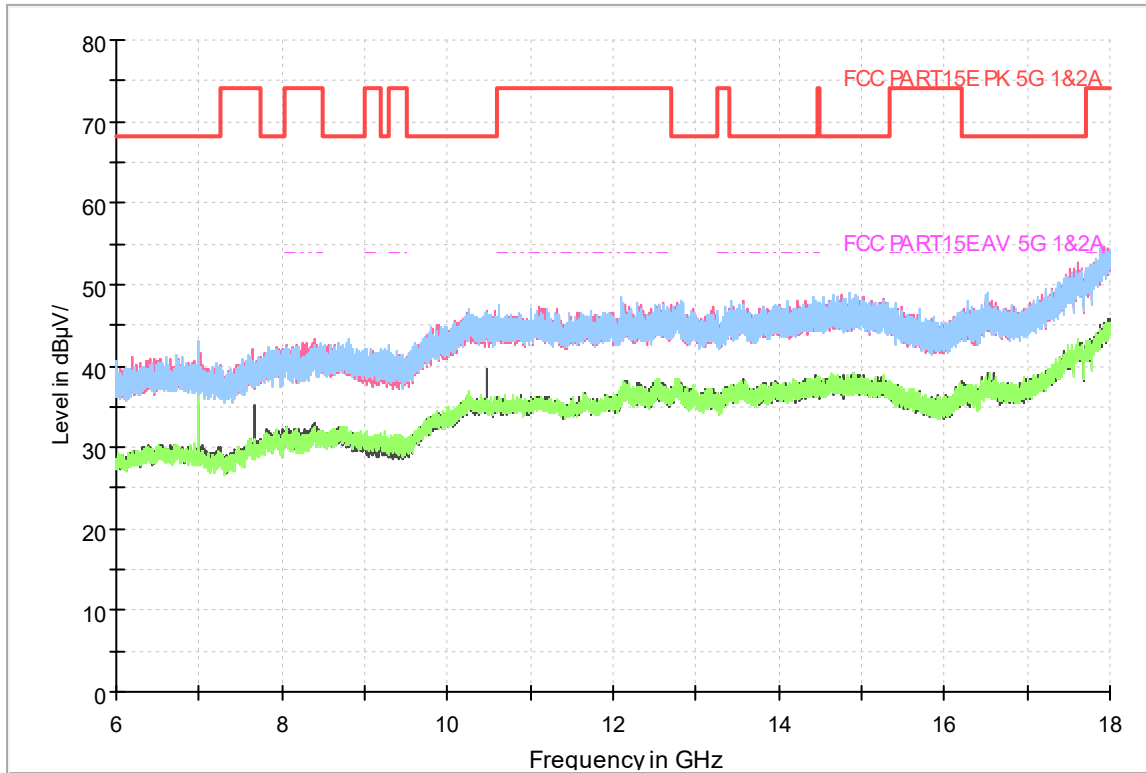


Fig.25 Radiated emission: 11n 20M, Ch48, 6GHz-18GHz