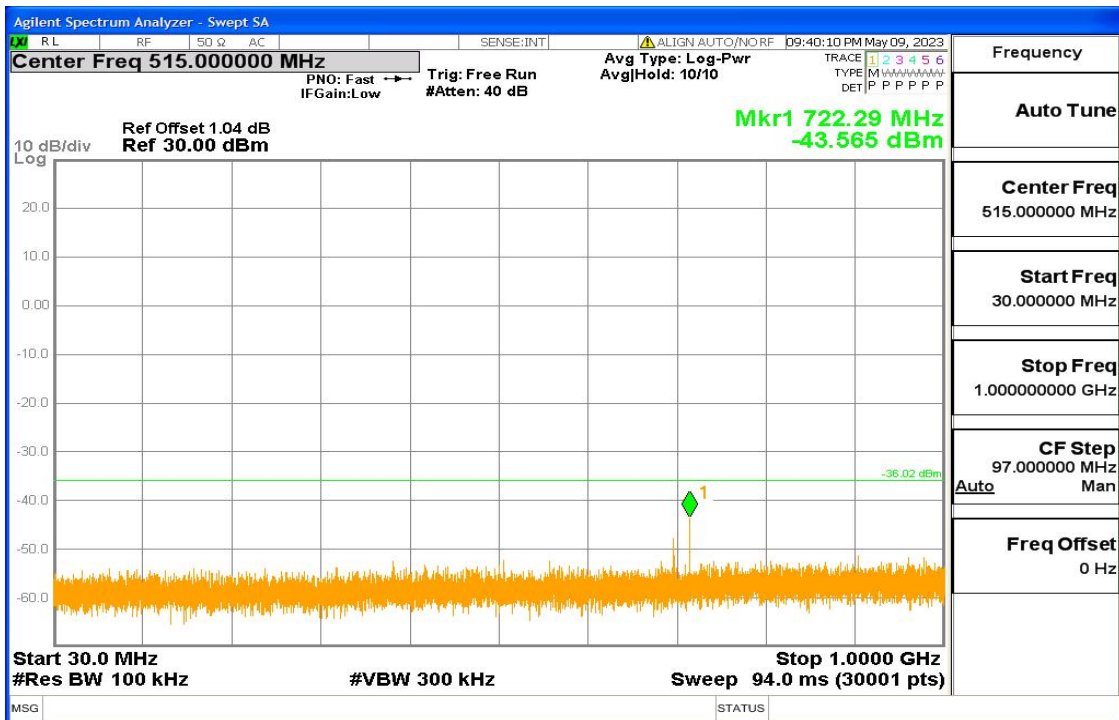


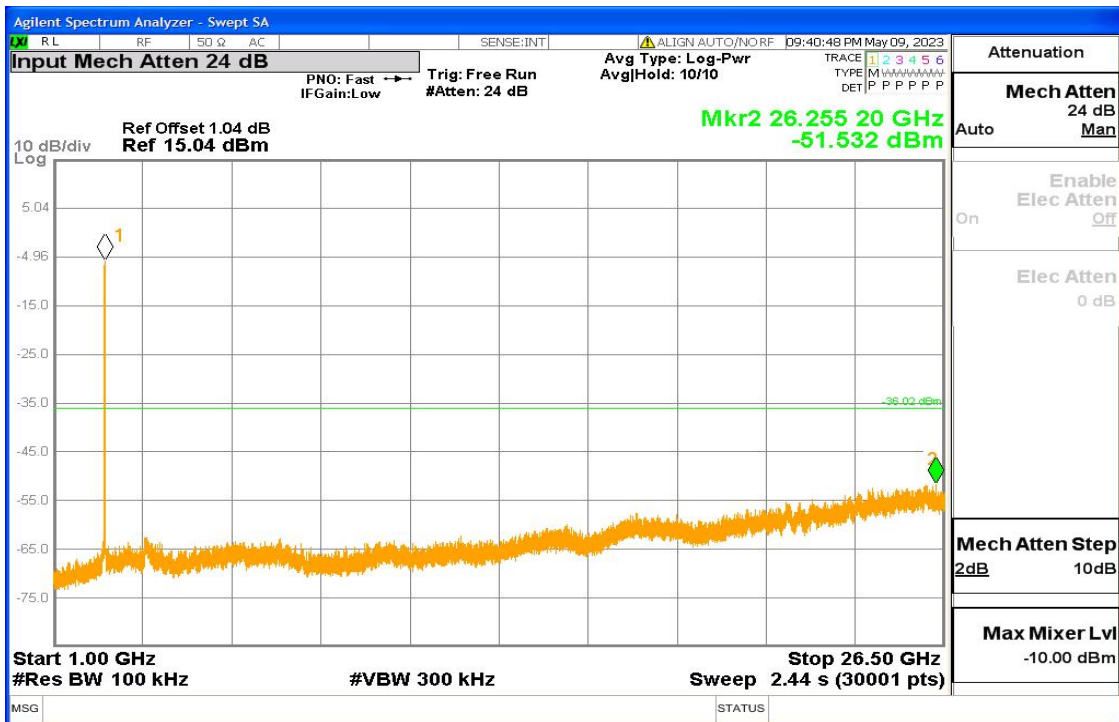
11ax-HE20 Fig7



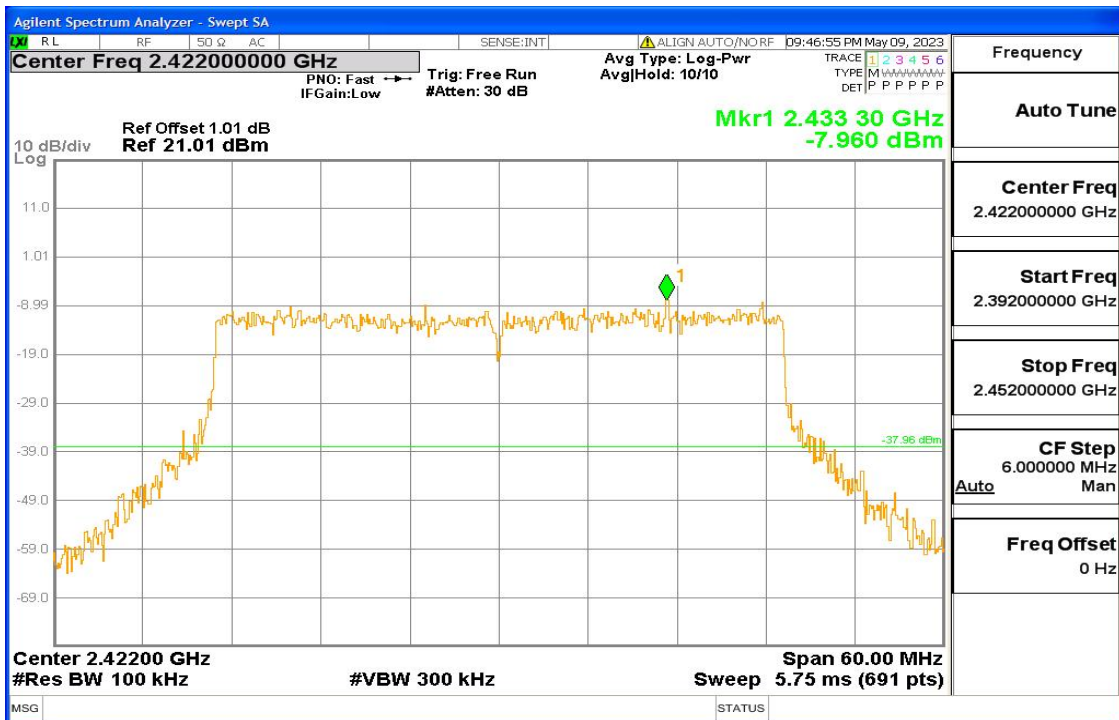
11ax-HE20 Fig8

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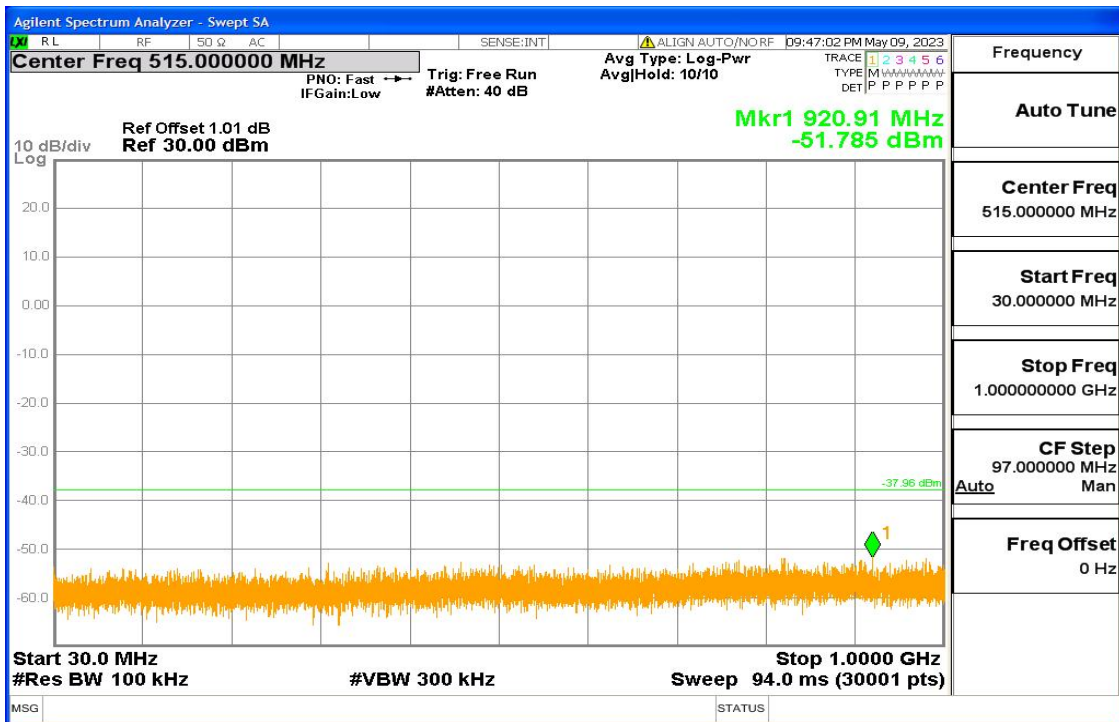
11ax-HE20 Fig9



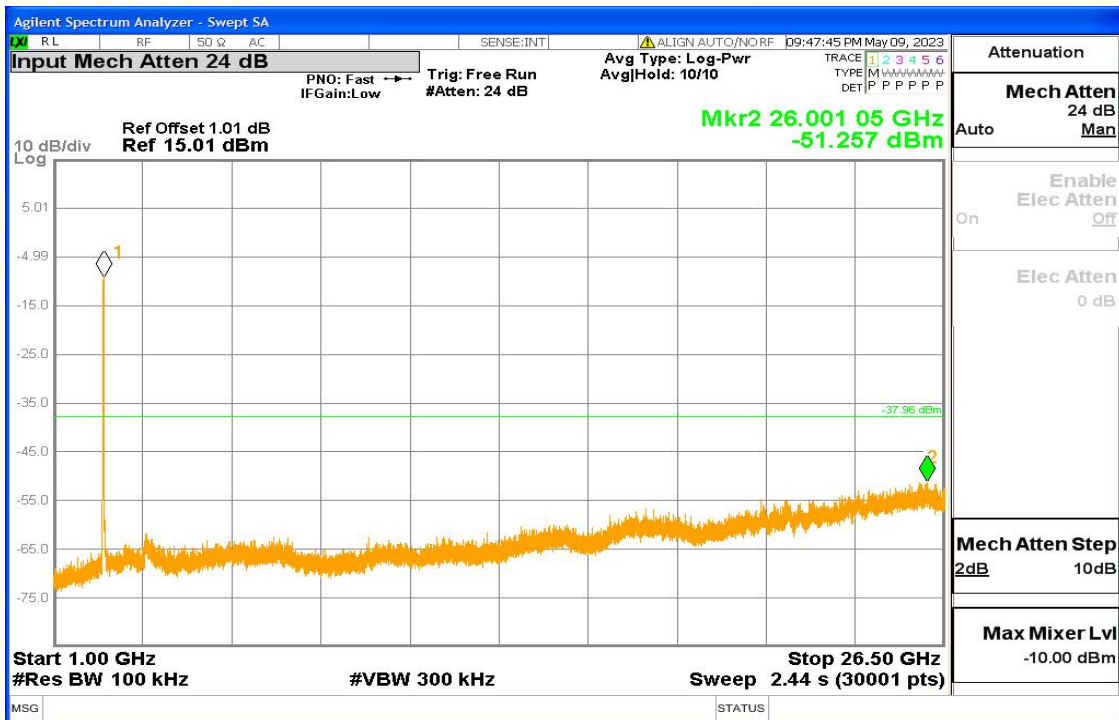
11ax-HE40 Fig1

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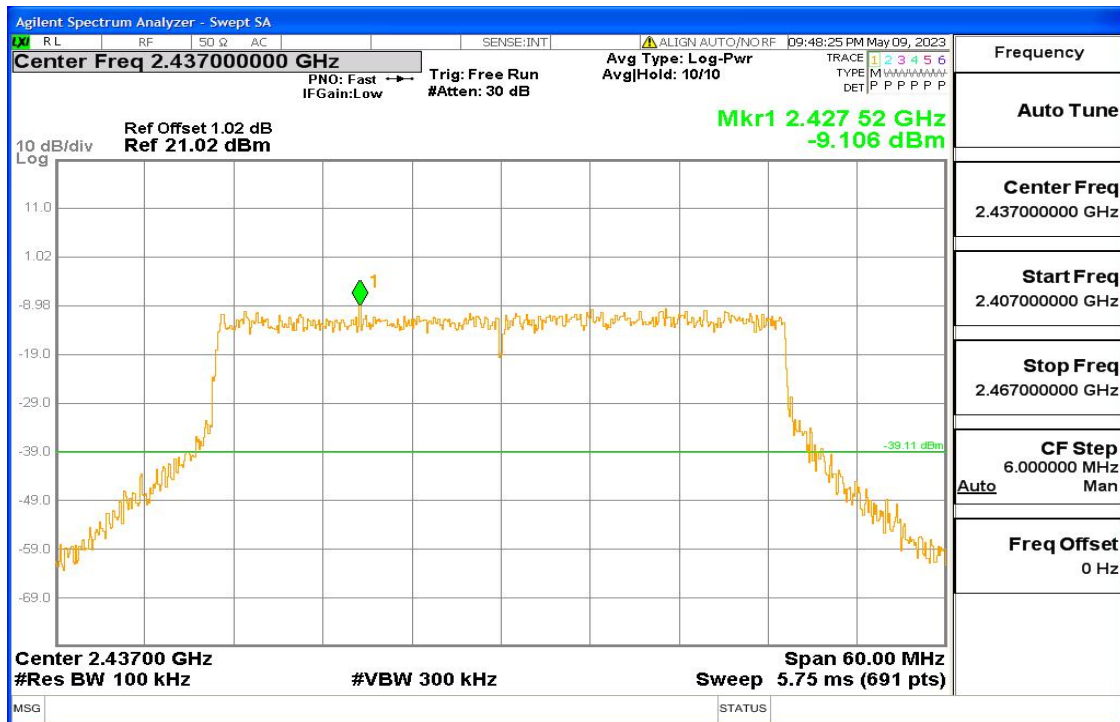
11ax-HE40 Fig2



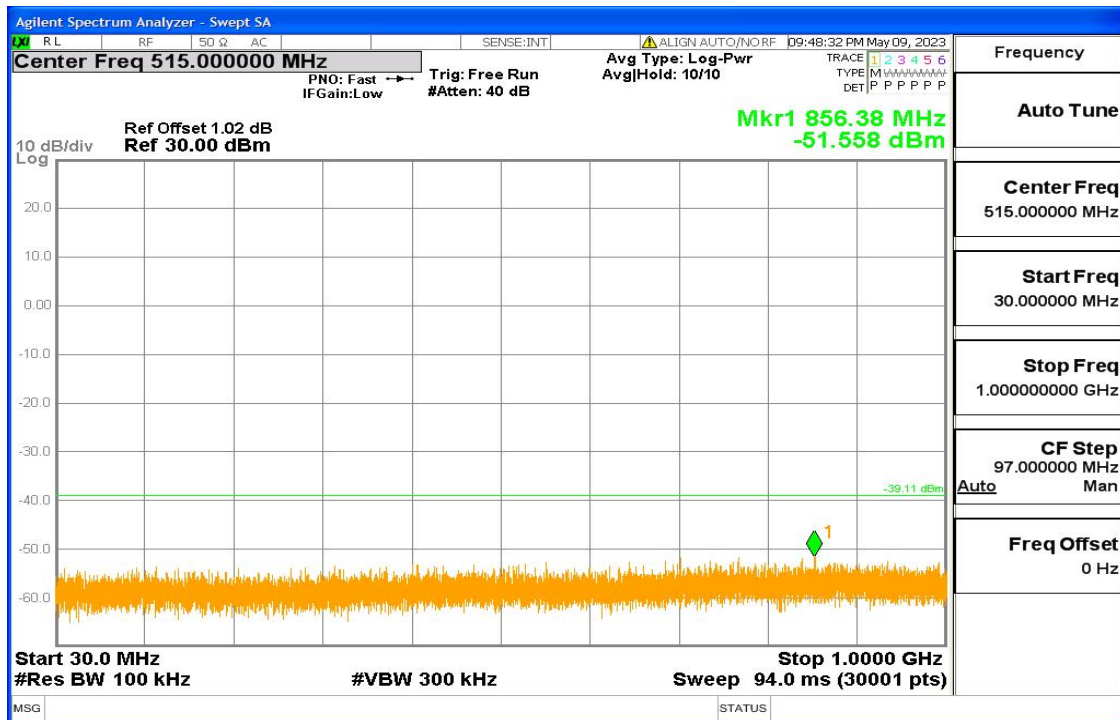
11ax-HE40 Fig3

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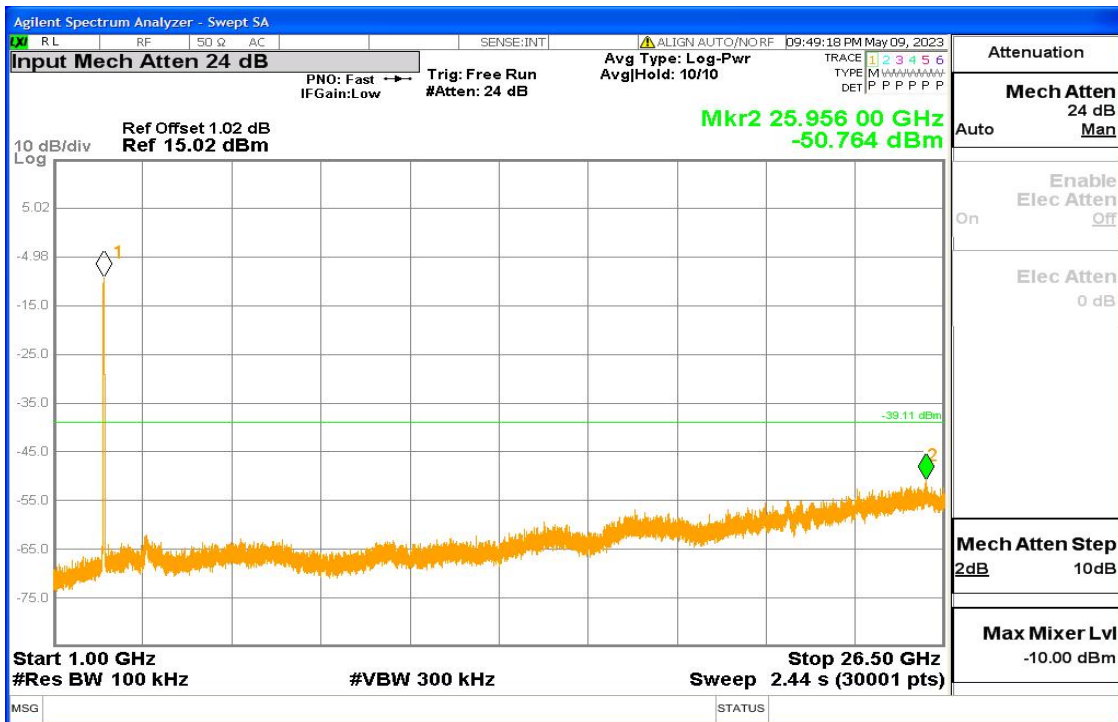
11ax-HE40 Fig4



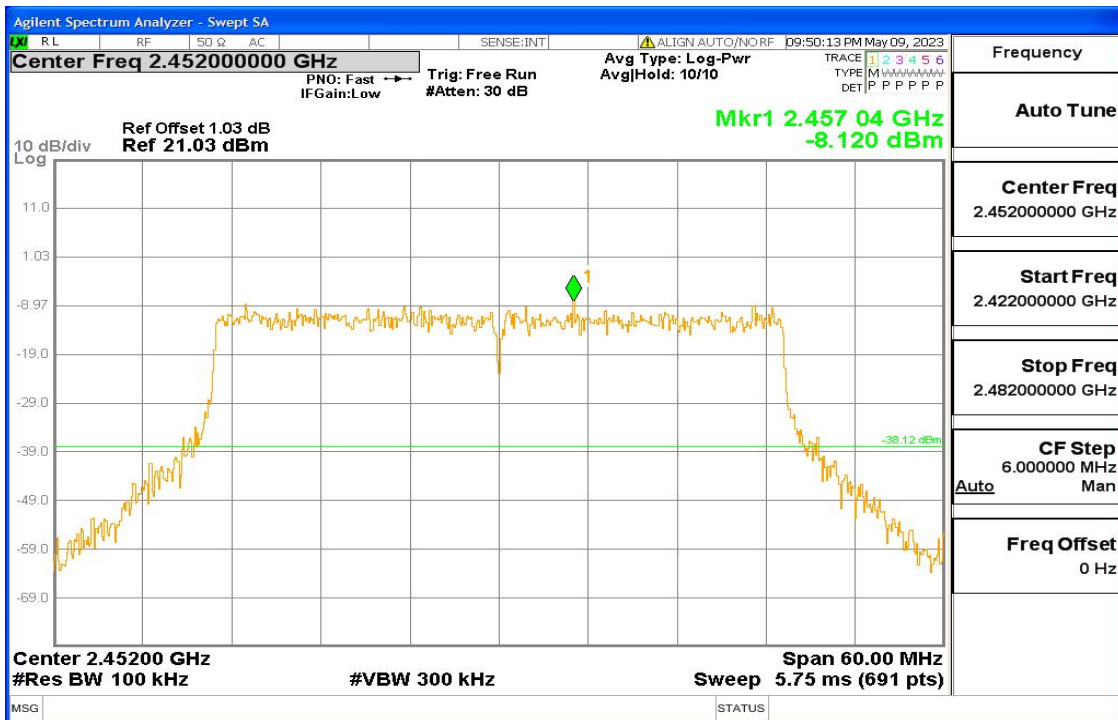
11ax-HE40 Fig5

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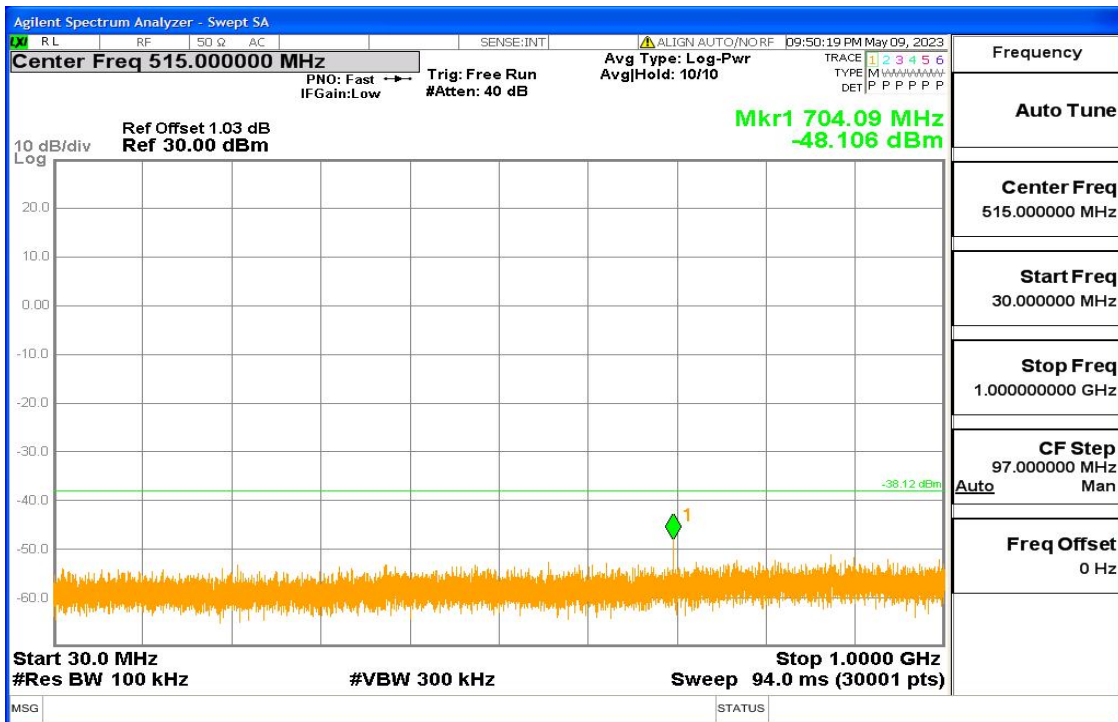
11ax-HE40 Fig6



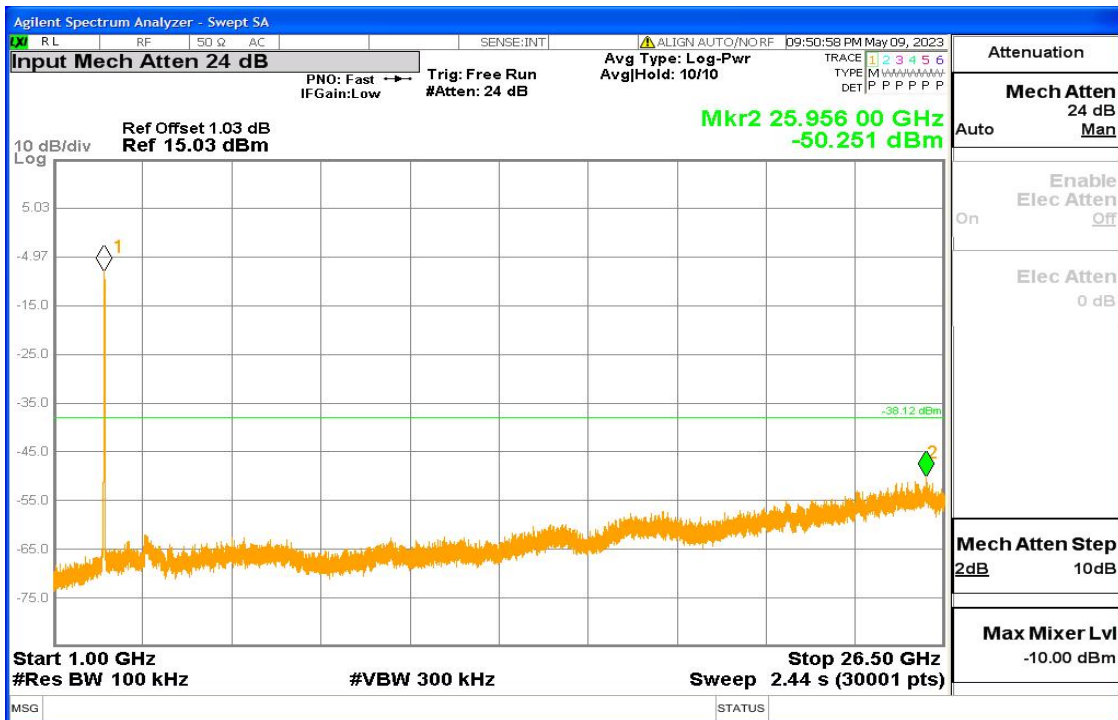
11ax-HE40 Fig7

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11ax-HE40 Fig8



11ax-HE40 Fig9

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6.8. Transmitter Spurious Emission-Radiated

SpeciPications:	FCC 47 CFR Part 15.247, 15.205, 15.209
DUT Serial Number:	S2
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit

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

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

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

For Frequency above 30MHz:

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

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

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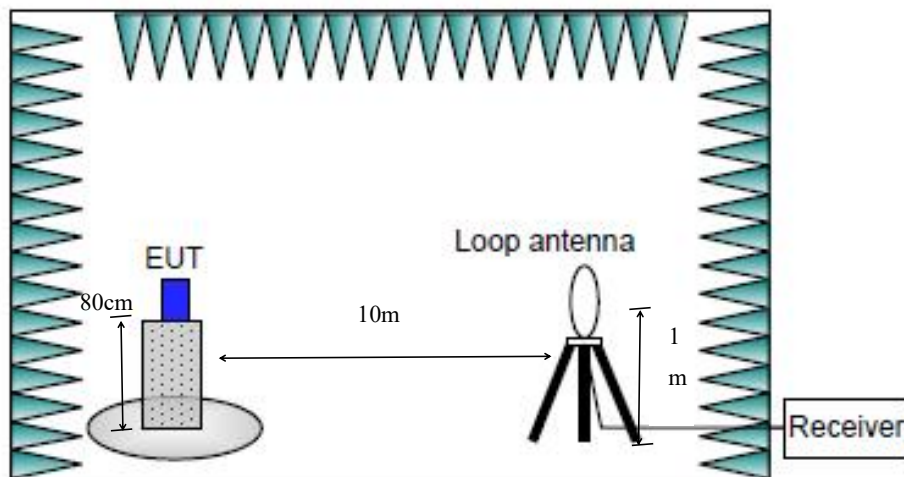
Measurement Uncertainty:

Frequency Range	Uncertainty
$9\text{kHz} \leq f \leq 30\text{MHz}$	4.54dB
$30\text{MHz} \leq f \leq 1\text{GHz}$	4.09dB
$1\text{GHz} \leq f \leq 6\text{GHz}$	4.84dB
$6\text{GHz} \leq f \leq 18\text{GHz}$	4.52dB
$18\text{GHz} \leq f \leq 26.5\text{GHz}$	6.19dB

Test Setup

The EUT was placed in an anechoic chamber.. 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).

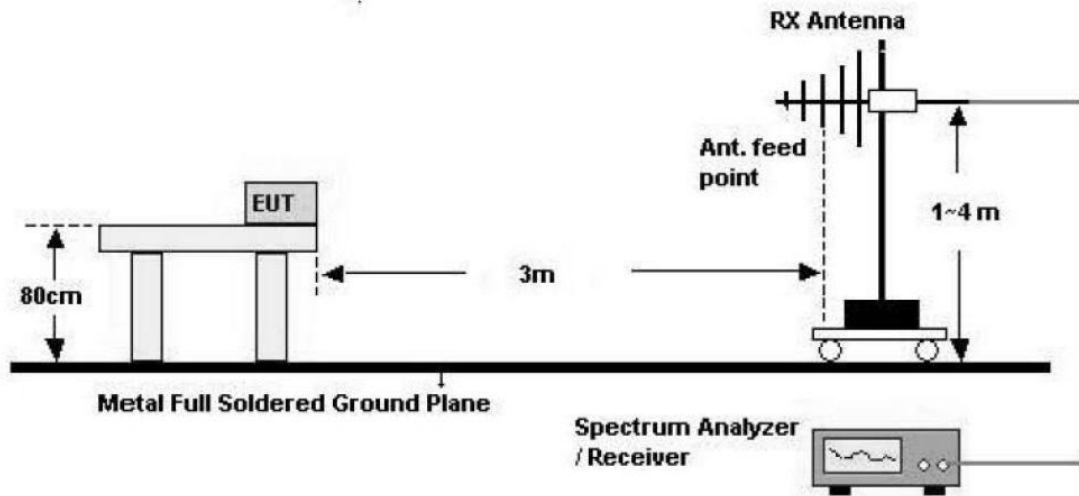
Below 30MHz:



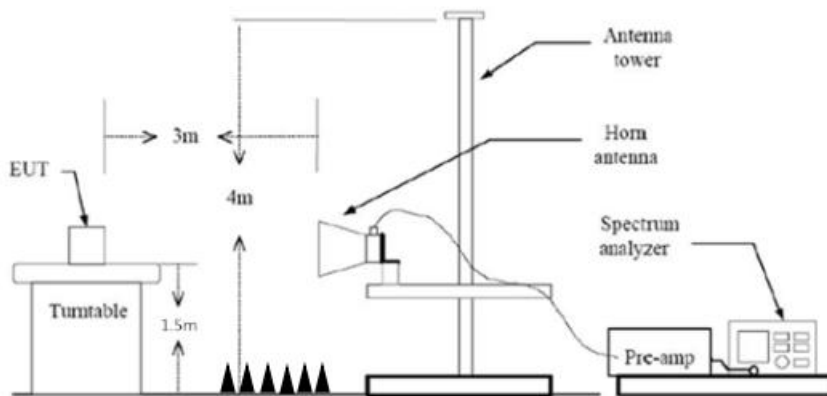
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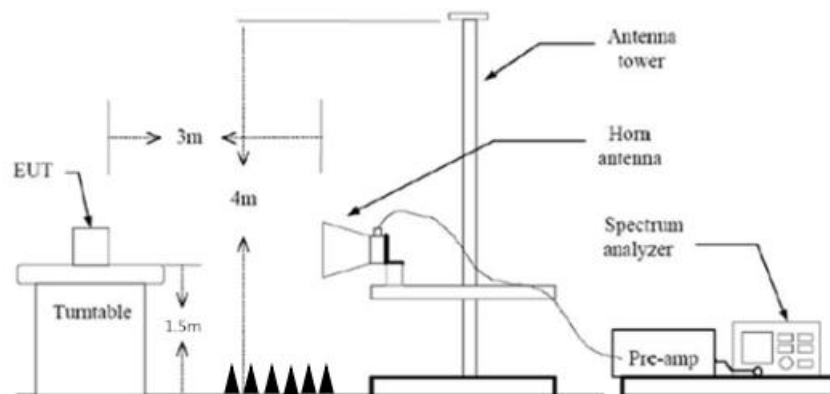
30MHz-1GHz:



Above 1GHz:



Above 1GHz:



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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 are reported.

Frequency of emission (MHz)	RBW/VBW	Sweep Time (s)
30~1000	100KHz/300KHz	5
1000~4000	1MHz/1MHz	15
4000~18000	1MHz/1MHz	40
18000~26500	1MHz/1MHz	20

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:

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

$$\text{Result} = PM_{ea} + AR_{pi}$$

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Channel	Frequency Range	Test Results	Conclusion
All channels	30MH-1GHz	Pic.1	Pass
11b Ch1	1GHz-3GHz	Pic.2	Pass
	3GHz-18GHz	Pic.3	Pass
11b Ch6	1GHz-3GHz	Pic.4	Pass
	3GHz-18GHz	Pic.5	Pass
11b Ch11	1GHz-3GHz	Pic.6	Pass
	3GHz-18GHz	Pic.7	Pass
11g Ch1	1GHz-3GHz	Pic.8	Pass
	3GHz-18GHz	Pic.9	Pass
11g Ch 6	1GHz-3GHz	Pic.10	Pass
	3GHz-18GHz	Pic.11	Pass
11g Ch 11	1GHz-3GHz	Pic.12	Pass
	3GHz-18GHz	Pic.13	Pass
11n Ch1(20M)	1GHz-3GHz	Pic.14	Pass
	3GHz-18GHz	Pic.15	Pass
11n Ch 6(20M)	1GHz-3GHz	Pic.16	Pass
	3GHz-18GHz	Pic.17	Pass
11n Ch 11(20M)	1GHz-3GHz	Pic.18	Pass
	3GHz-18GHz	Pic.19	Pass
11n Ch3(40M)	1GHz-3GHz	Pic.20	Pass
	3GHz-18GHz	Pic.21	Pass
11n Ch 6(40M)	1GHz-3GHz	Pic.22	Pass
	3GHz-18GHz	Pic.23	Pass

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11n Ch 9(40M)	1GHz-3GHz	Pic.24	Pass
	3GHz-18GHz	Pic.25	Pass
11n Ch1(20M)	1GHz-3GHz	Pic.26	Pass
	3GHz-18GHz	Pic.27	Pass
11ax Ch 6(20M)	1GHz-3GHz	Pic.28	Pass
	3GHz-18GHz	Pic.29	Pass
11ax Ch 11(20M)	1GHz-3GHz	Pic.30	Pass
	3GHz-18GHz	Pic.31	Pass
11ax Ch3(40M)	1GHz-3GHz	Pic.32	Pass
	3GHz-18GHz	Pic.33	Pass
11ax Ch 6(40M)	1GHz-3GHz	Pic.34	Pass
	3GHz-18GHz	Pic.35	Pass
11ax Ch 9(40M)	1GHz-3GHz	Pic.36	Pass
	3GHz-18GHz	Pic.37	Pass
All channels	18GHz-26GHz	Pic.38	Pass

Note:

1)Note: 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 rage 9kHz to 30MHz, so it does not recorded in report.

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

2) all the test data shown was peak detected.Transmitter Spurious Emission-Radiated H and V are tested together.,The test is maximum hold. Therefore, the result is only one set of data.

3) All modes of operation were investigated and the worst-case emissions (802.11b/g-ant0, 802.11n/ax-MIMO mode) are reported.

Conclusion:Pass

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Test graphs as below:

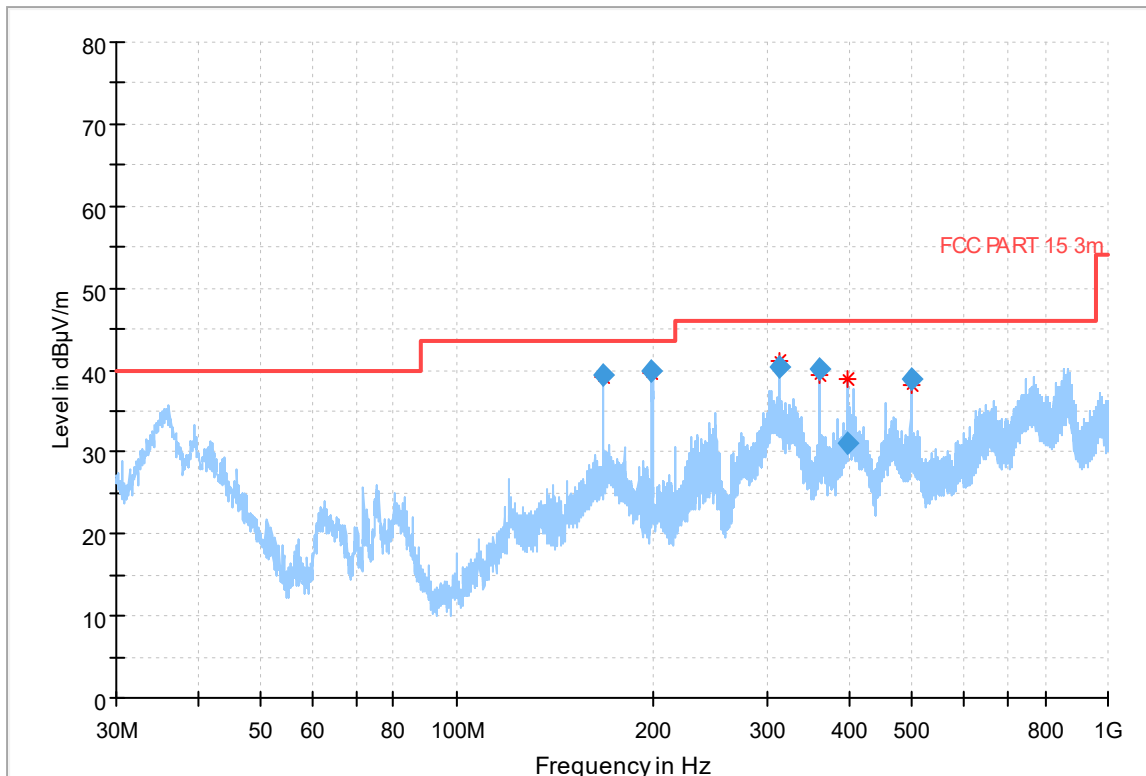


Fig.1 Radiated emission: 30MHz-1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
167.982500	39.48	43.50	4.02	1000.	120.000	176.0	H	251.0	-20.9
199.168000	39.87	43.50	3.63	1000.	120.000	144.0	H	224.0	-18.5
311.979000	40.36	46.00	5.64	1000.	120.000	100.0	H	200.0	-15.5
359.994000	40.06	46.00	5.94	1000.	120.000	166.0	V	168.0	-14.1
399.133500	31.16	46.00	14.84	1000.	120.000	100.0	H	250.0	-13.2
497.808000	38.83	46.00	7.17	1000.	120.000	163.0	H	214.0	-11.2

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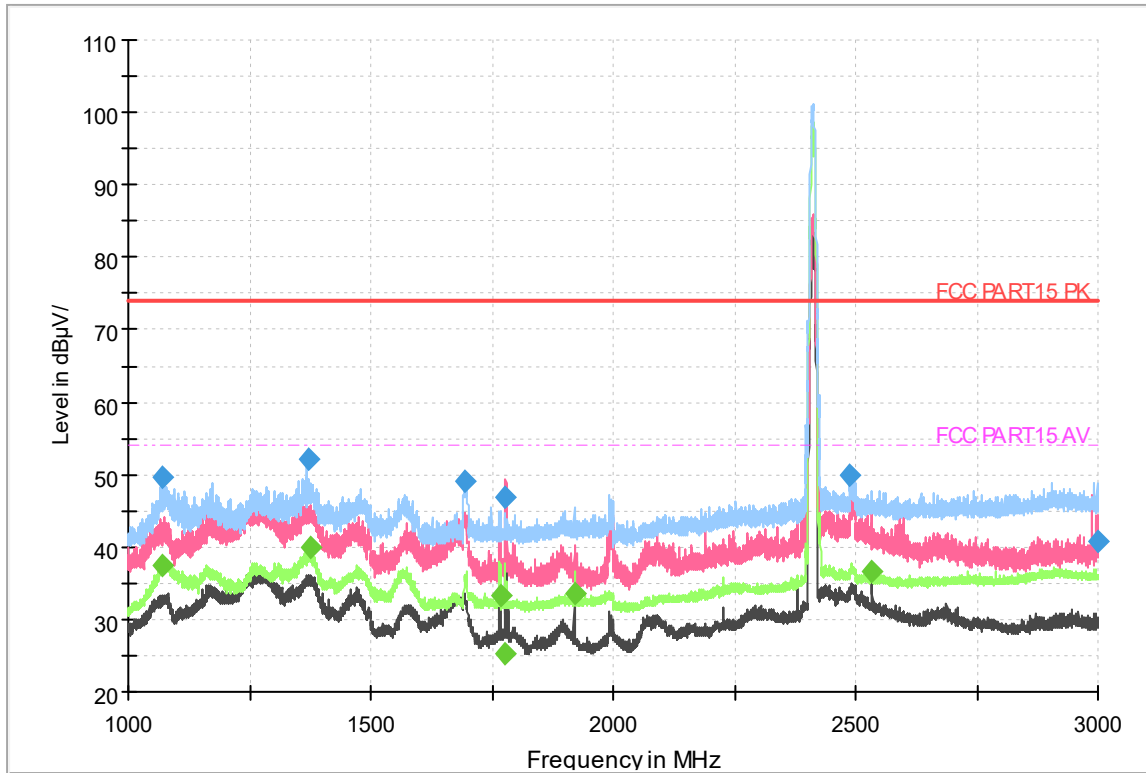


Fig.2 Radiated emission: 11b Ch1, 1GHz-3GHz

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)
1068.237000	49.73	---	74.00	24.27	50.0	1000.000	200.0	H	54.0	-13.5
1072.314000	---	37.55	54.00	16.45	50.0	1000.000	200.0	H	54.0	-13.4
1371.155000	52.04	---	74.00	21.96	50.0	1000.000	200.0	H	66.0	-12.8
1377.722000	---	39.93	54.00	14.07	50.0	1000.000	200.0	H	66.0	-12.8
1695.030000	49.14	---	74.00	24.86	50.0	1000.000	200.0	H	99.0	-12.2
1766.568000	---	33.40	54.00	20.60	50.0	1000.000	200.0	H	124.0	-11.9
1776.406000	46.97	---	74.00	27.03	50.0	1000.000	200.0	V	209.0	-11.9
1777.605000	---	25.28	54.00	28.72	50.0	1000.000	200.0	V	209.0	-11.9
1919.900000	---	33.65	54.00	20.35	50.0	1000.000	200.0	H	112.0	-11.7
2489.550000	50.04	---	74.00	23.96	50.0	1000.000	200.0	H	244.0	-9.4
2534.228000	---	36.49	54.00	17.51	50.0	1000.000	200.0	V	46.0	-9.2
2999.510000	40.80	---	74.00	33.20	50.0	1000.000	200.0	H	162.0	-8.1

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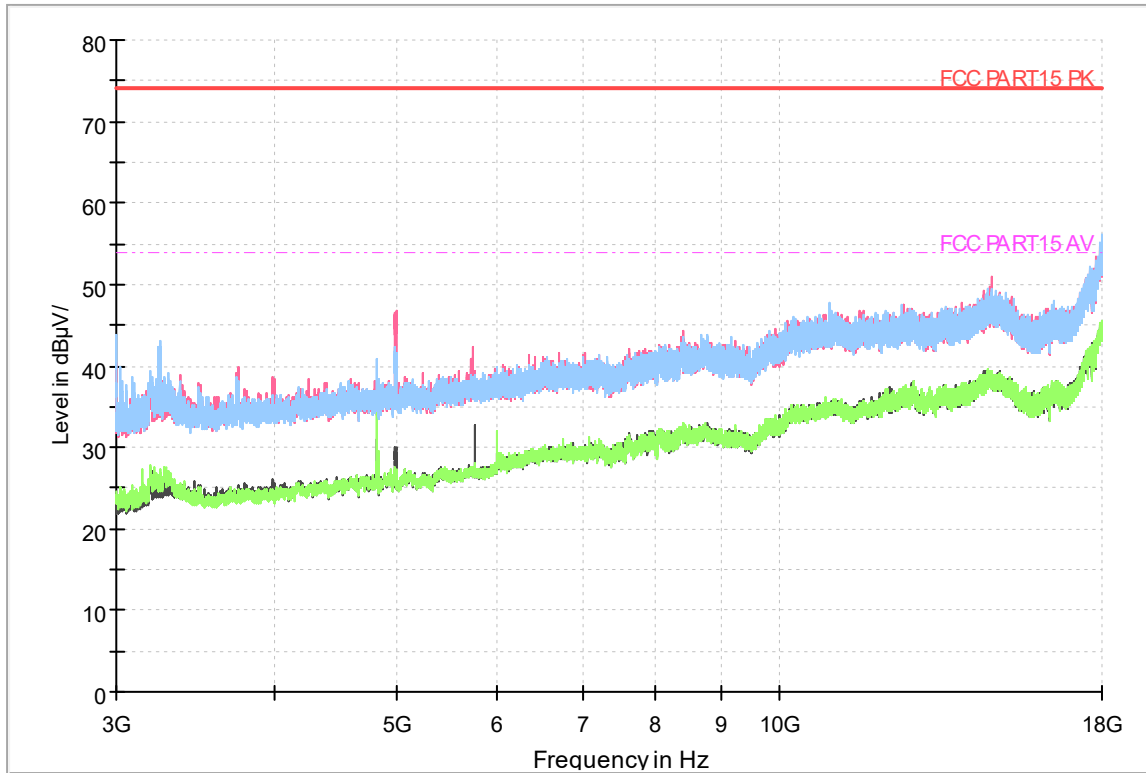


Fig.3 Radiated emission:11b, Ch1, 3GHz-18GHz

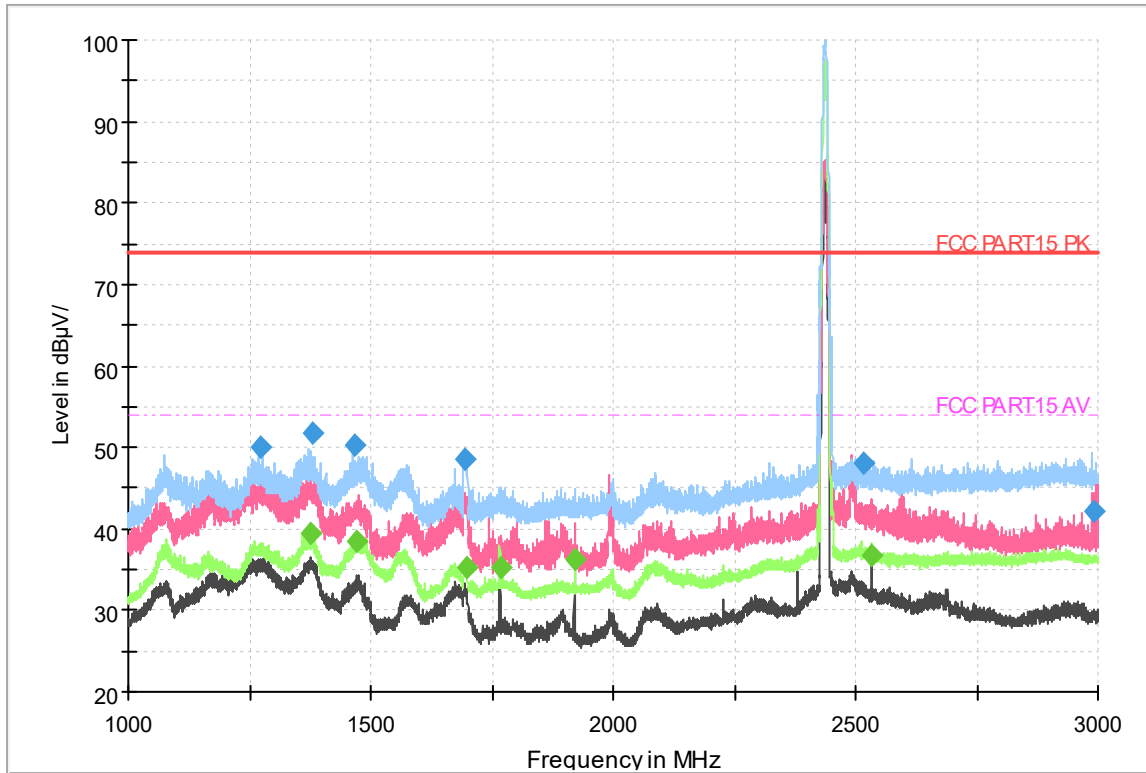


Fig.4 Radiated emission: 11b, Ch6, 1GHz-3GHz

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)
1272.319000	50.02	---	74.00	23.98	50.0	1000.000	200.0	H	19.0	-13.0
1375.401000	---	39.35	54.00	14.65	50.0	1000.000	200.0	H	73.0	-12.8
1379.436000	51.68	---	74.00	22.32	50.0	1000.000	200.0	H	73.0	-12.9
1467.292000	50.21	---	74.00	23.79	50.0	1000.000	200.0	H	32.0	-13.1
1470.416000	---	38.56	54.00	15.44	50.0	1000.000	200.0	H	26.0	-13.1
1696.025000	48.45	---	74.00	25.55	50.0	1000.000	200.0	H	105.0	-12.2
1698.122000	---	35.27	54.00	18.73	50.0	1000.000	200.0	H	105.0	-12.2
1766.568000	---	35.33	54.00	18.67	50.0	1000.000	200.0	H	26.0	-11.9
1919.900000	---	36.14	54.00	17.86	50.0	1000.000	200.0	V	149.0	-11.7
2518.221000	48.09	---	74.00	25.91	50.0	1000.000	200.0	H	19.0	-9.2
2534.427000	---	36.66	54.00	17.34	50.0	1000.000	200.0	H	19.0	-9.2
2990.269000	42.13	---	74.00	31.87	50.0	1000.000	200.0	H	26.0	-8.2

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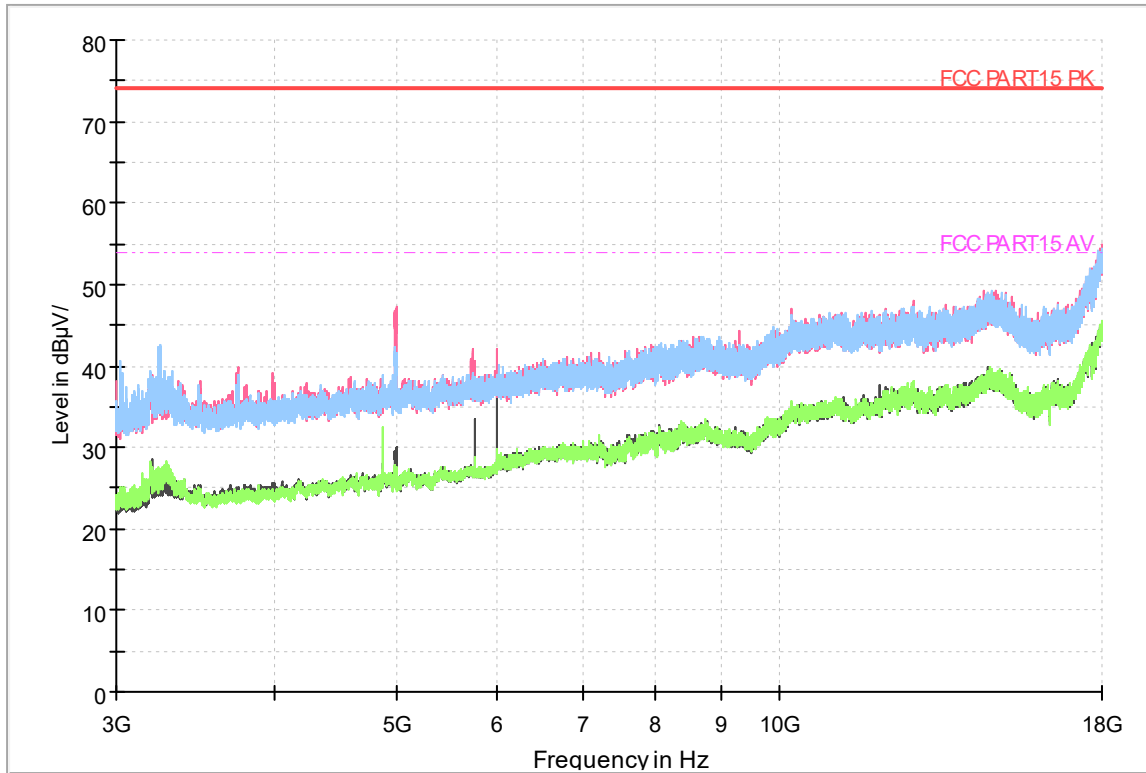


Fig.5 Radiated emission: 11b, Ch6, 3GHz-18GHz

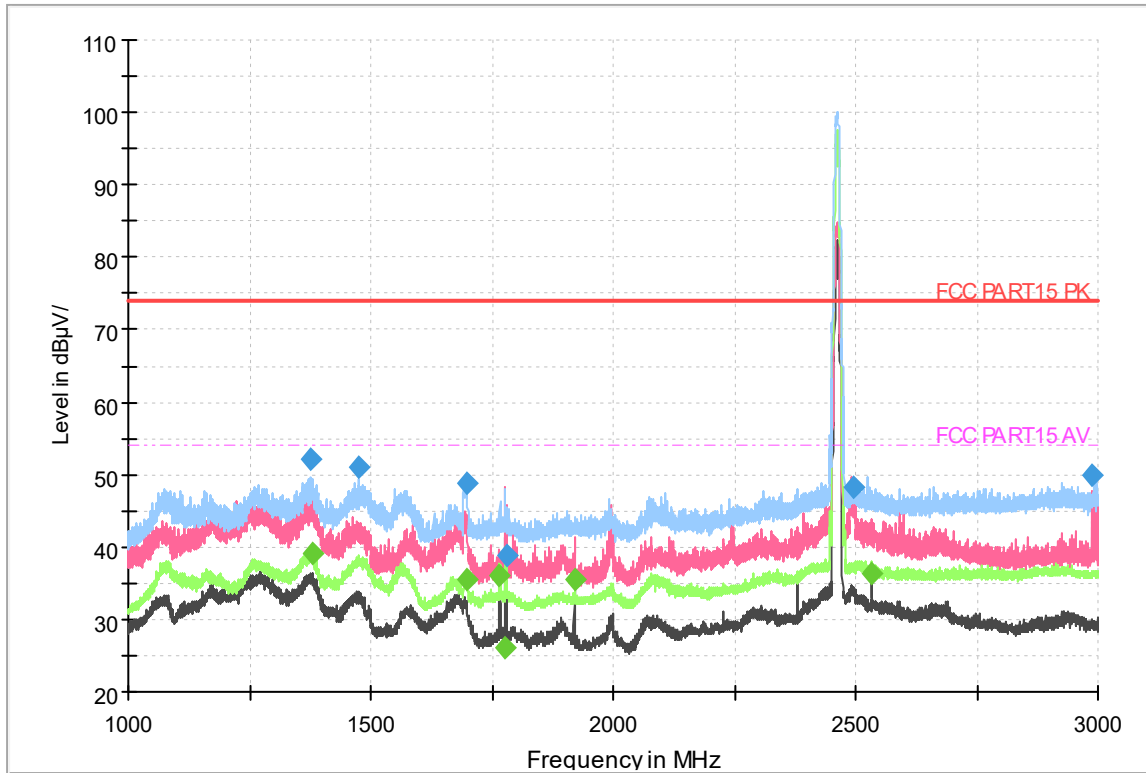


Fig.6 Radiated emission: 11b, Ch11, 1GHz-3GHz

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)
1377.630000	52.00	---	74.00	22.00	50.0	1000.000	200.0	H	72.0	-12.8
1378.376000	---	39.16	54.00	14.84	50.0	1000.000	200.0	H	65.0	-12.9
1475.018000	50.96	---	74.00	23.04	50.0	1000.000	200.0	H	20.0	-13.1
1697.408000	---	35.49	54.00	18.51	50.0	1000.000	200.0	H	104.0	-12.2
1700.127000	48.73	---	74.00	25.27	50.0	1000.000	200.0	H	104.0	-12.2
1766.267000	---	36.17	54.00	17.83	50.0	1000.000	200.0	H	20.0	-11.9
1778.411000	---	25.97	54.00	28.03	50.0	1000.000	200.0	V	112.0	-11.9
1781.610000	38.75	---	74.00	35.25	50.0	1000.000	200.0	V	112.0	-11.9
1919.900000	---	35.55	54.00	18.45	50.0	1000.000	200.0	V	193.0	-11.7
2496.306000	48.30	---	74.00	25.70	50.0	1000.000	200.0	H	20.0	-9.4
2534.228000	---	36.28	54.00	17.72	50.0	1000.000	200.0	H	20.0	-9.2
2986.811000	49.88	---	74.00	24.12	50.0	1000.000	200.0	H	104.0	-8.3

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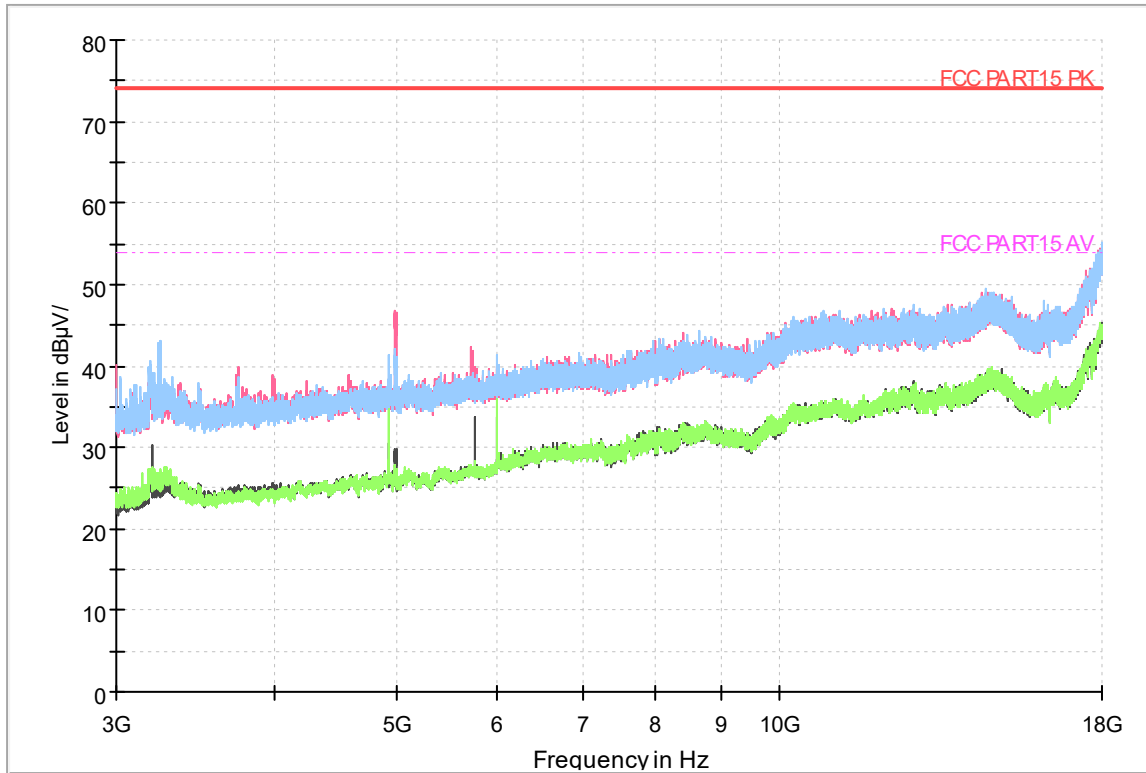


Fig.7 Radiated emission: 11b, Ch11, 3GHz-18GHz

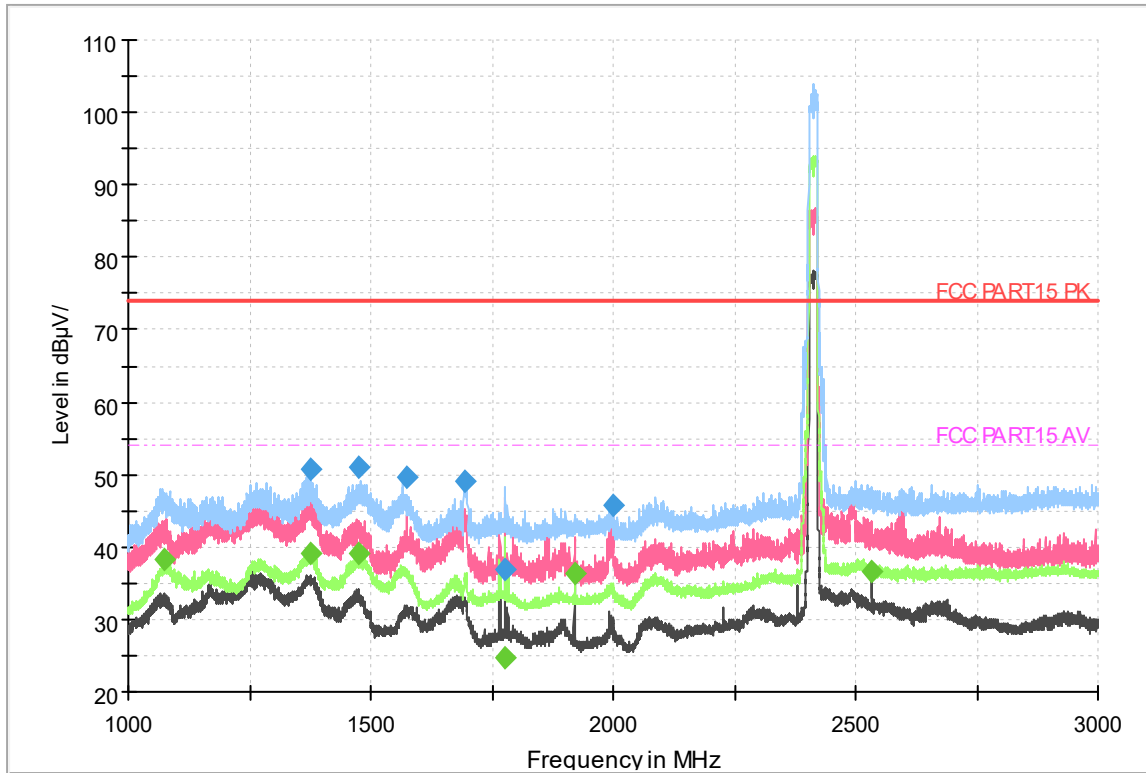


Fig.8 Radiated emission: 11g, Ch1, 1GHz-3GHz

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)
1074.314000	---	38.37	54.00	15.63	50.0	1000.000	200.0	H	60.0	-13.4
1376.819000	---	39.24	54.00	14.76	50.0	1000.000	200.0	H	73.0	-12.8
1377.630000	50.67	---	74.00	23.33	50.0	1000.000	200.0	H	73.0	-12.8
1473.396000	---	39.05	54.00	14.95	50.0	1000.000	200.0	H	14.0	-13.1
1473.707000	51.12	---	74.00	22.88	50.0	1000.000	200.0	H	21.0	-13.1
1573.272000	49.71	---	74.00	24.29	50.0	1000.000	200.0	H	41.0	-12.6
1693.632000	48.94	---	74.00	25.06	50.0	1000.000	200.0	H	105.0	-12.2
1777.508000	---	24.69	54.00	29.31	50.0	1000.000	200.0	H	156.0	-11.9
1778.309000	36.99	---	74.00	37.01	50.0	1000.000	200.0	H	156.0	-11.9
1919.900000	---	36.25	54.00	17.75	50.0	1000.000	200.0	V	150.0	-11.7
1998.204000	45.78	---	74.00	28.22	50.0	1000.000	200.0	V	34.0	-11.6
2534.427000	---	36.64	54.00	17.36	50.0	1000.000	200.0	H	21.0	-9.2

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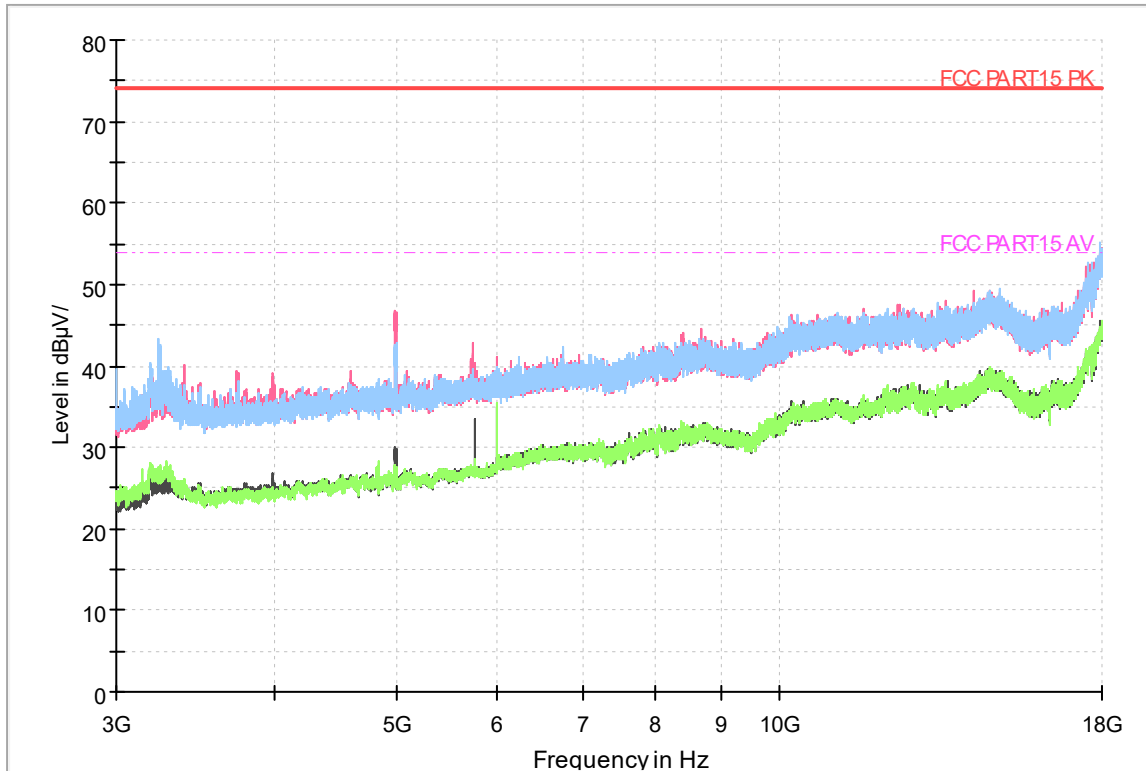


Fig.9 Radiated emission: 11g, Ch1, 3GHz-18GHz

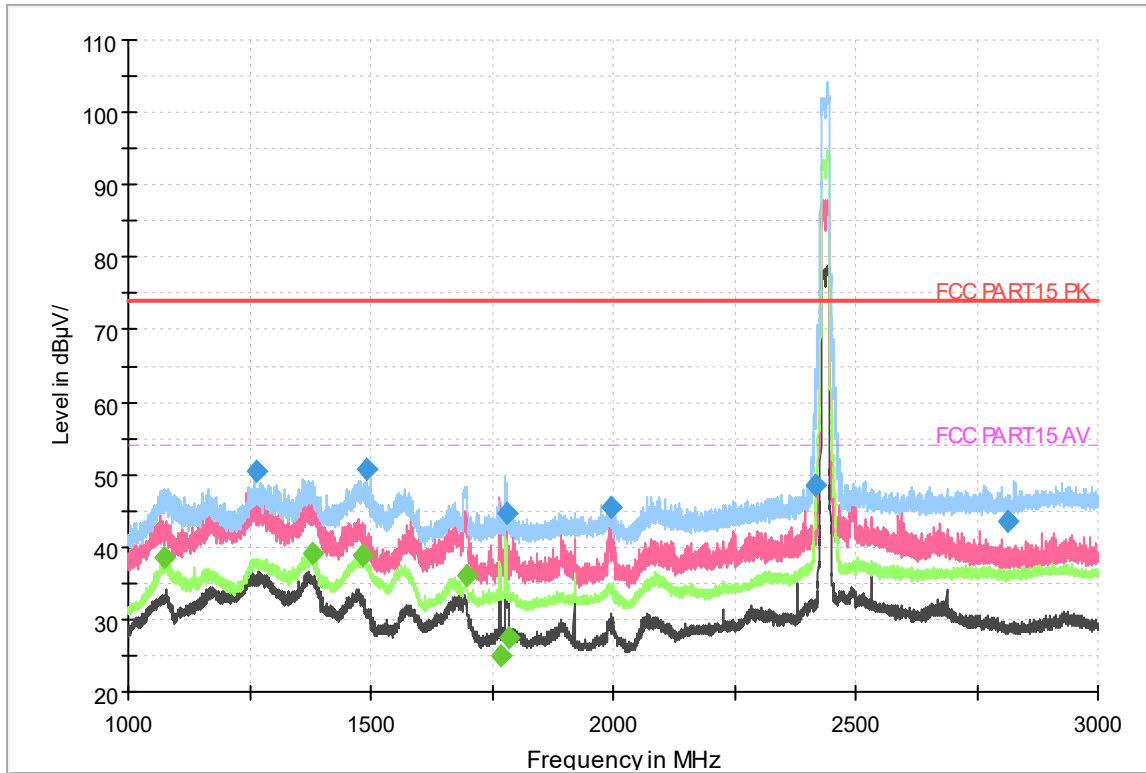


Fig.10 Radiated emission: 11g, Ch6, 1GHz-3GHz

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)
1075.620000	---	38.55	54.00	15.45	50.0	1000.000	200.0	H	61.0	-13.4
1265.302000	50.43	---	74.00	23.57	50.0	1000.000	200.0	H	15.0	-13.0
1378.406000	---	38.99	54.00	15.01	50.0	1000.000	200.0	H	74.0	-12.9
1485.391000	---	38.93	54.00	15.07	50.0	1000.000	200.0	H	22.0	-13.1
1493.005000	50.67	---	74.00	23.33	50.0	1000.000	200.0	H	22.0	-13.0
1697.719000	---	36.02	54.00	17.98	50.0	1000.000	200.0	H	99.0	-12.2
1767.568000	---	25.08	54.00	28.92	50.0	1000.000	200.0	V	144.0	-11.9
1782.508000	44.53	---	74.00	29.47	50.0	1000.000	200.0	H	201.0	-11.9
1783.207000	---	27.50	54.00	26.50	50.0	1000.000	200.0	H	201.0	-11.9
1994.729000	45.56	---	74.00	28.44	50.0	1000.000	200.0	H	9.0	-11.6
2416.761000	48.46	---	74.00	25.54	50.0	1000.000	200.0	H	9.0	-9.8
2813.870000	43.66	---	74.00	30.34	50.0	1000.000	200.0	H	22.0	-8.4

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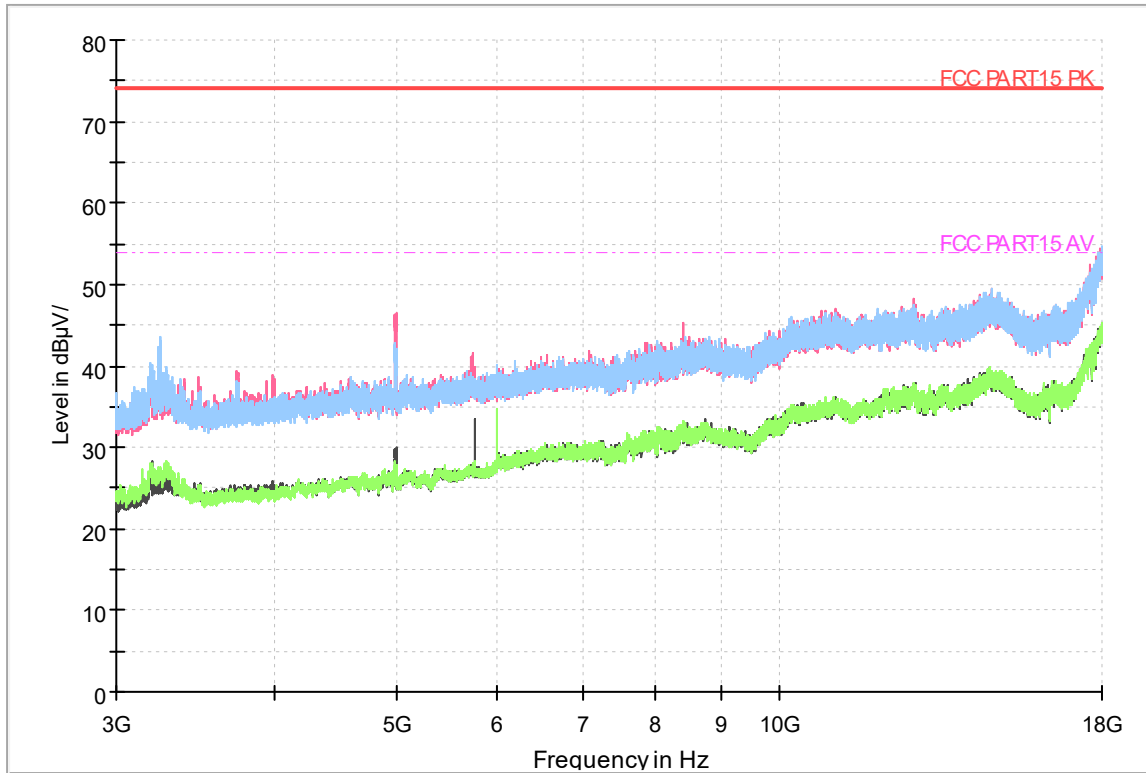


Fig.11 Radiated emission: 11g, Ch6, 3GHz-18GHz

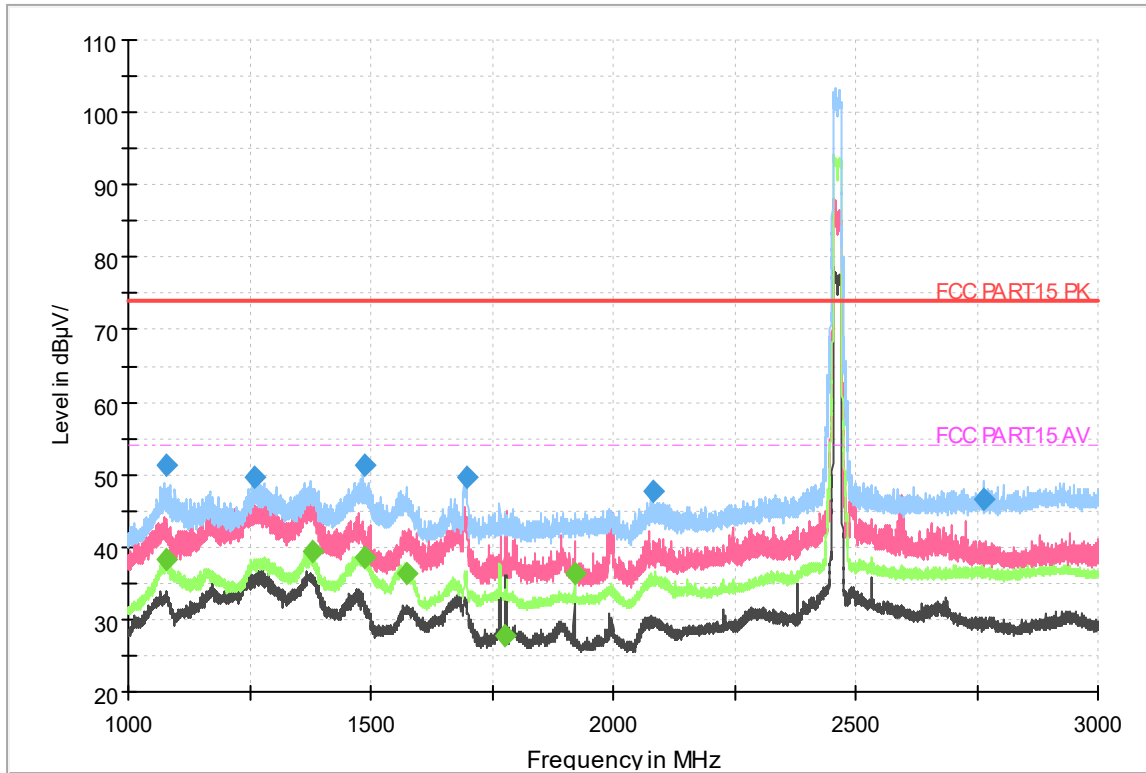


Fig.12 Radiated emission: 11g, Ch11, 1GHz-3GHz

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)
1078.391000	---	38.28	54.00	15.72	50.0	1000.000	200.0	H	66.0	-13.4
1078.824000	51.30	---	74.00	22.70	50.0	1000.000	200.0	H	66.0	-13.4
1259.098000	49.68	---	74.00	24.32	50.0	1000.000	200.0	H	21.0	-13.0
1378.115000	---	39.31	54.00	14.69	50.0	1000.000	200.0	H	72.0	-12.9
1485.565000	---	38.62	54.00	15.38	50.0	1000.000	200.0	H	28.0	-13.1
1485.876000	51.19	---	74.00	22.81	50.0	1000.000	200.0	H	14.0	-13.1
1575.242000	---	36.32	54.00	17.68	50.0	1000.000	200.0	H	14.0	-12.6
1699.739000	49.53	---	74.00	24.47	50.0	1000.000	200.0	H	104.0	-12.2
1778.207000	---	27.77	54.00	26.23	50.0	1000.000	200.0	V	80.0	-11.9
1919.900000	---	36.24	54.00	17.76	50.0	1000.000	200.0	V	150.0	-11.7
2081.717000	47.59	---	74.00	26.41	50.0	1000.000	200.0	H	14.0	-11.2
2765.772000	46.54	---	74.00	27.46	50.0	1000.000	200.0	H	21.0	-8.7

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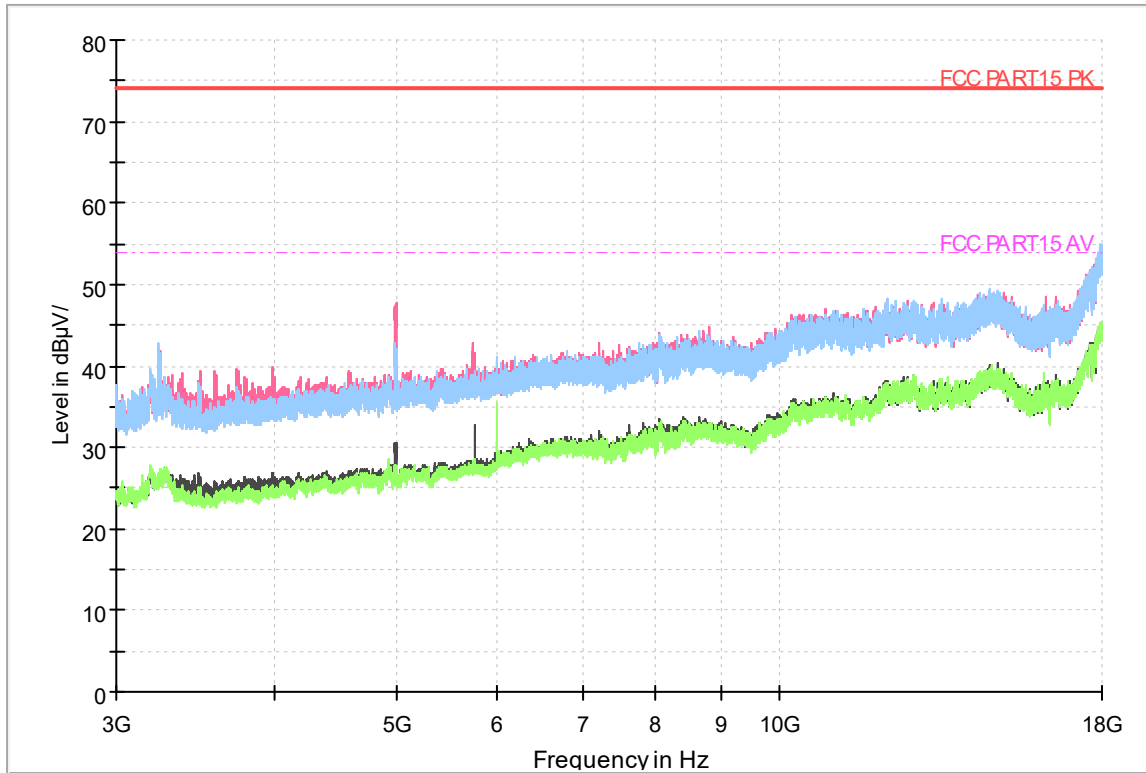


Fig.13 Radiated emission: 11g, Ch11, 3GHz-18GHz

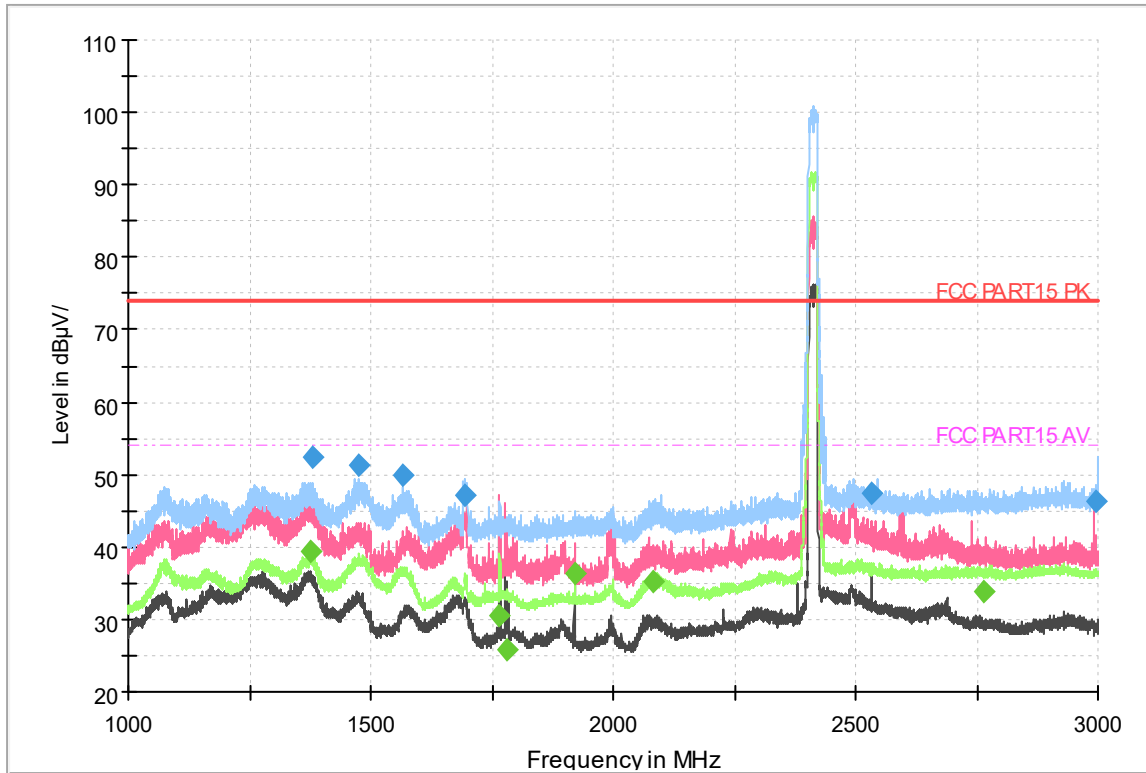


Fig.14 Radiated emission: 11n 20M, Ch1, 1GHz-3GHz

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)
1377.003000	---	39.30	54.00	14.70	50.0	1000.000	200.0	H	67.0	-12.8
1381.008000	52.27	---	74.00	21.73	50.0	1000.000	200.0	H	73.0	-12.9
1476.732000	51.38	---	74.00	22.62	50.0	1000.000	200.0	H	15.0	-13.1
1568.170000	50.03	---	74.00	23.97	50.0	1000.000	200.0	H	41.0	-12.6
1692.540000	47.01	---	74.00	26.99	50.0	1000.000	200.0	H	41.0	-12.2
1766.369000	---	30.42	54.00	23.58	50.0	1000.000	200.0	V	251.0	-11.9
1782.411000	---	25.88	54.00	28.12	50.0	1000.000	200.0	V	226.0	-11.9
1919.900000	---	36.33	54.00	17.67	50.0	1000.000	200.0	V	151.0	-11.7
2083.351000	---	35.33	54.00	18.67	50.0	1000.000	200.0	H	8.0	-11.2
2534.270000	47.52	---	74.00	26.48	50.0	1000.000	200.0	H	22.0	-9.2
2765.605000	---	33.95	54.00	20.05	50.0	1000.000	200.0	H	22.0	-8.7
2996.607000	46.34	---	74.00	27.66	50.0	1000.000	200.0	H	112.0	-8.1

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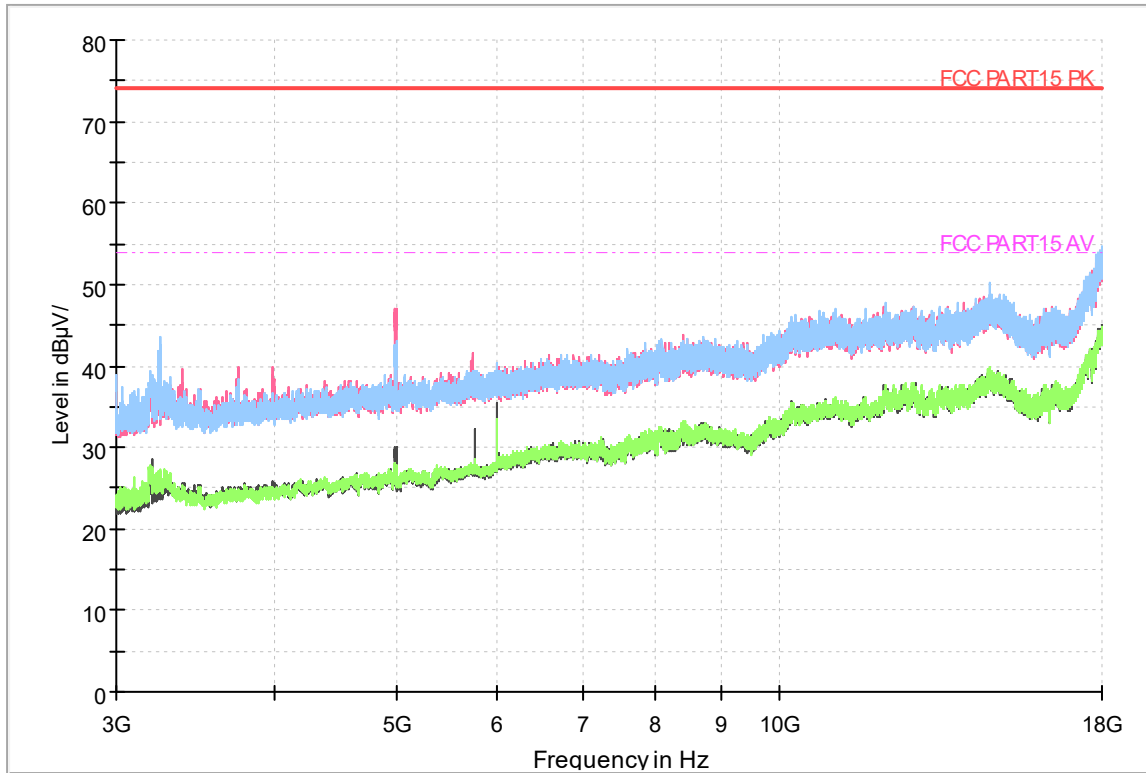


Fig.15 Radiated emission: 11n 20M, Ch1, 3GHz-18GHz

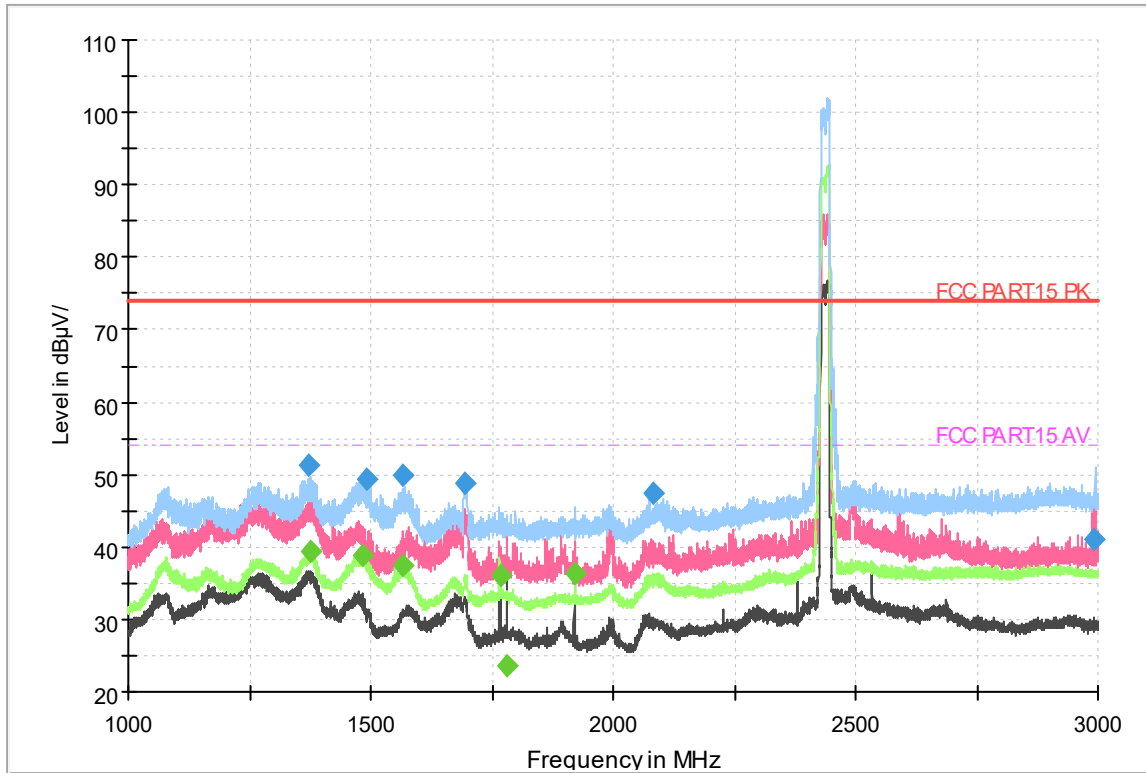


Fig.16 Radiated emission: 11n 20M, Ch6, 1GHz-3GHz

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)
1372.314000	51.40	---	74.00	22.60	50.0	1000.000	200.0	H	73.0	-12.8
1376.824000	---	39.37	54.00	14.63	50.0	1000.000	200.0	H	73.0	-12.8
1485.468000	---	38.83	54.00	15.17	50.0	1000.000	200.0	H	22.0	-13.1
1493.055000	49.42	---	74.00	24.58	50.0	1000.000	200.0	H	35.0	-13.0
1565.461000	---	37.55	54.00	16.45	50.0	1000.000	200.0	H	35.0	-12.6
1567.762000	49.95	---	74.00	24.05	50.0	1000.000	200.0	H	41.0	-12.6
1693.326000	48.89	---	74.00	25.11	50.0	1000.000	200.0	H	105.0	-12.2
1766.568000	---	36.09	54.00	17.91	50.0	1000.000	200.0	H	22.0	-11.9
1780.702000	---	23.49	54.00	30.51	50.0	1000.000	200.0	V	152.0	-11.9
1919.900000	---	36.35	54.00	17.65	50.0	1000.000	200.0	V	152.0	-11.7
2082.518000	47.35	---	74.00	26.65	50.0	1000.000	200.0	H	8.0	-11.2
2992.030000	41.17	---	74.00	32.83	50.0	1000.000	200.0	H	8.0	-8.2

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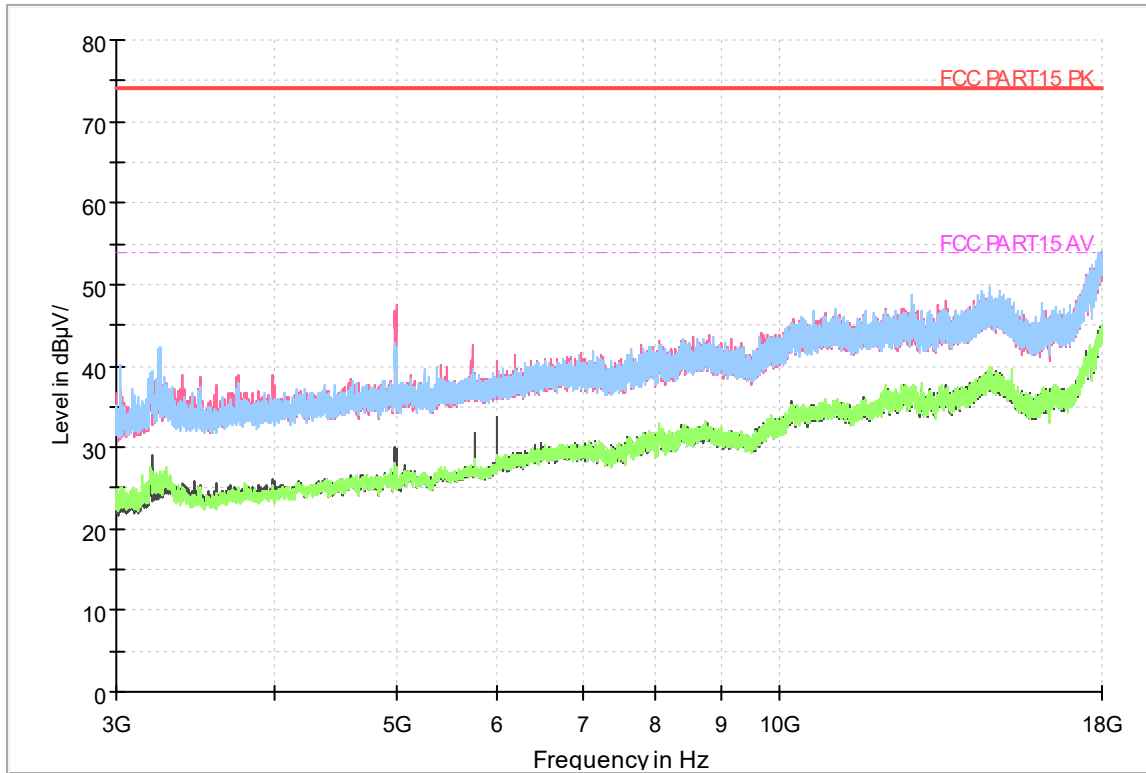


Fig.17 Radiated emission: 11n 20M, Ch6, 3GHz-18GHz

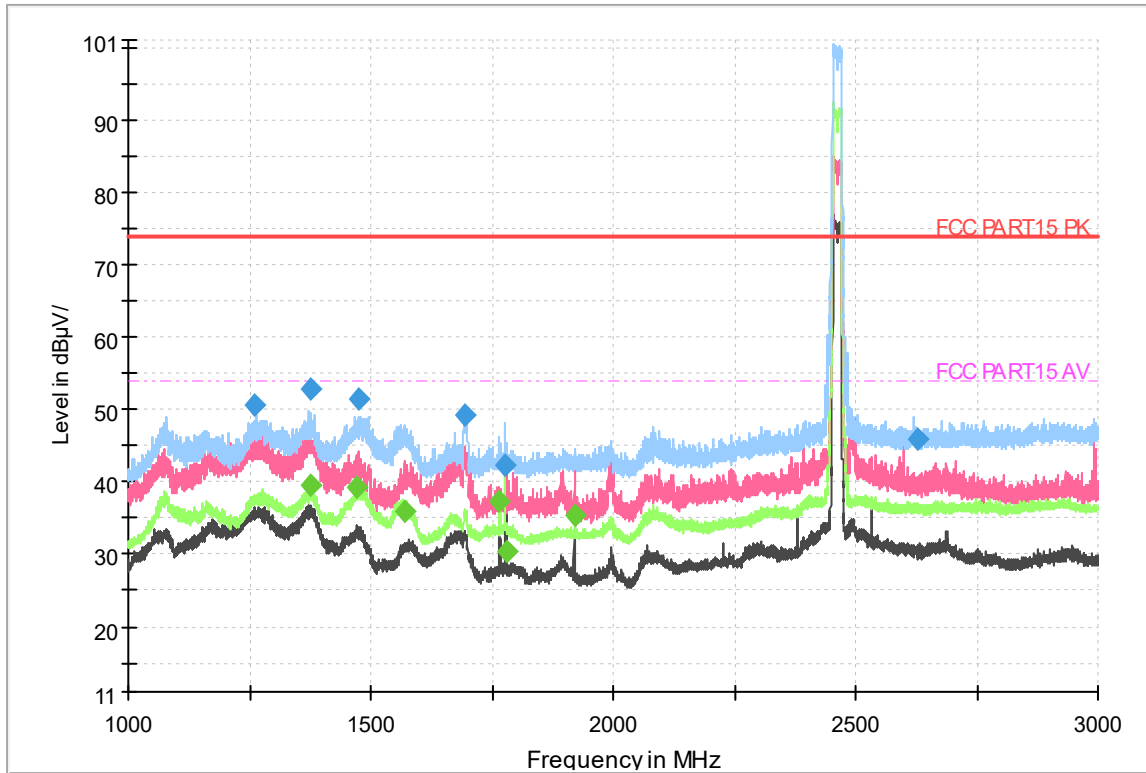


Fig.18 Radiated emission: 11n 20M, Ch11, 1GHz-3GHz

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)
1259.185000	50.58	---	74.00	23.42	50.0	1000.000	200.0	H	51.0	-13.0
1377.809000	---	39.56	54.00	14.44	50.0	1000.000	200.0	H	71.0	-12.8
1378.056000	52.71	---	74.00	21.29	50.0	1000.000	200.0	H	71.0	-12.9
1472.717000	---	39.15	54.00	14.85	50.0	1000.000	200.0	H	13.0	-13.1
1473.518000	51.54	---	74.00	22.47	50.0	1000.000	200.0	H	19.0	-13.1
1571.543000	---	36.05	54.00	17.95	50.0	1000.000	200.0	H	45.0	-12.6
1694.132000	49.08	---	74.00	24.92	50.0	1000.000	200.0	H	103.0	-12.2
1766.369000	---	37.17	54.00	16.83	50.0	1000.000	200.0	H	51.0	-11.9
1774.814000	42.42	---	74.00	31.58	50.0	1000.000	200.0	H	6.0	-11.9
1780.013000	---	30.36	54.00	23.64	50.0	1000.000	200.0	H	6.0	-11.9
1919.900000	---	35.32	54.00	18.68	50.0	1000.000	200.0	V	190.0	-11.7
2626.099000	46.01	---	74.00	27.99	50.0	1000.000	200.0	H	19.0	-8.9

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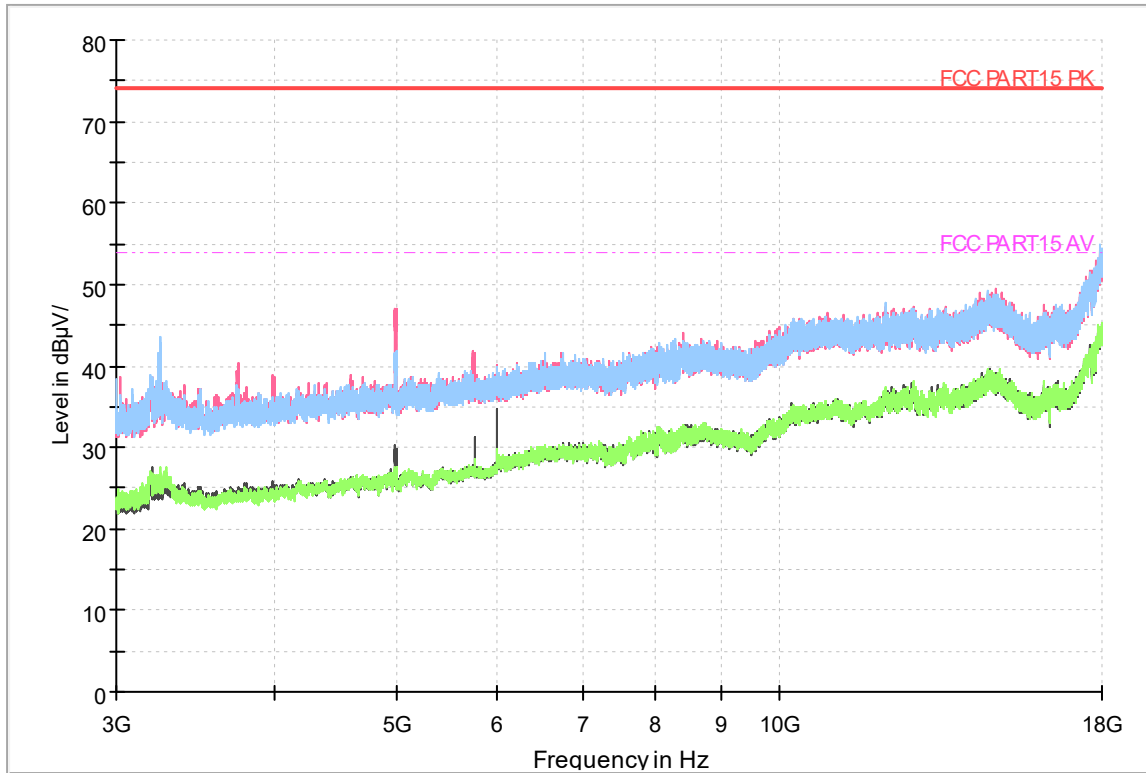


Fig.19 Radiated emission: 11n 20M, Ch11, 3GHz-18GHz

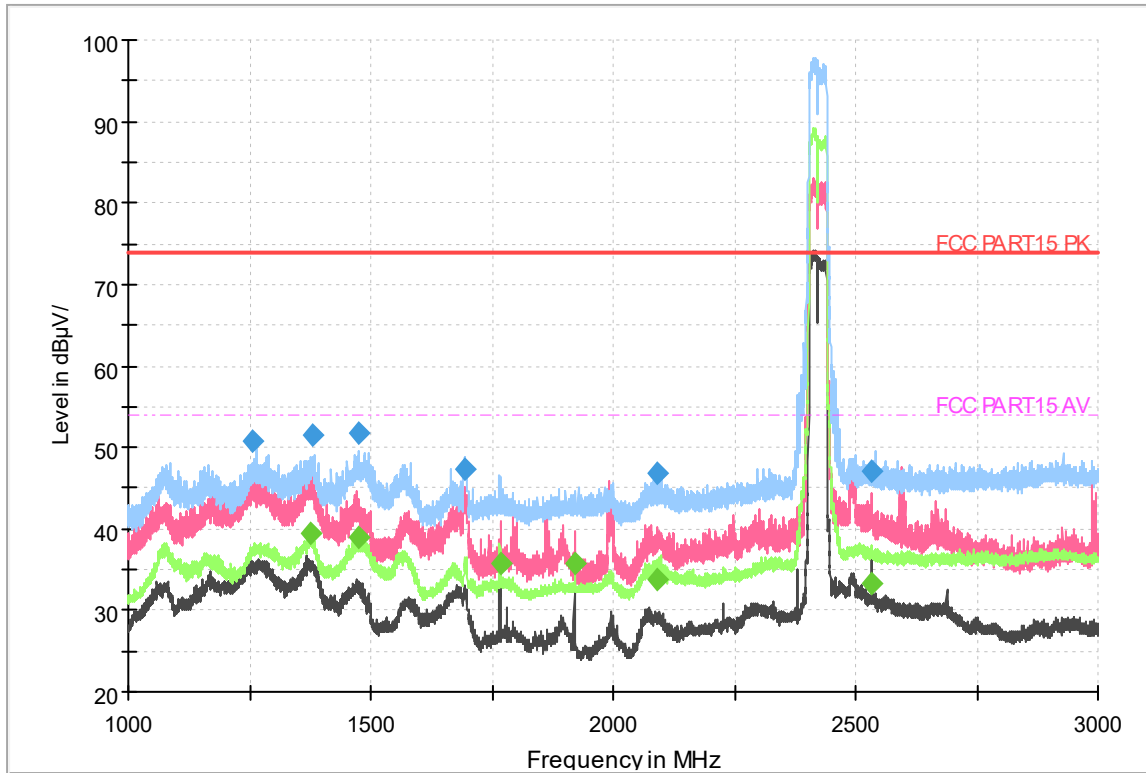


Fig.20 Radiated emission: 11n 40M, Ch3, 1GHz-3GHz

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)
1257.583000	50.77	---	74.00	23.23	50.0	1000.000	200.0	H	45.0	-13.0
1376.615000	---	39.43	54.00	14.57	50.0	1000.000	200.0	H	70.0	-12.8
1379.075000	51.53	---	74.00	22.47	50.0	1000.000	200.0	H	70.0	-12.9
1473.339000	---	39.03	54.00	14.97	50.0	1000.000	200.0	H	19.0	-13.1
1475.319000	51.67	---	74.00	22.33	50.0	1000.000	200.0	H	12.0	-13.1
1693.938000	47.32	---	74.00	26.68	50.0	1000.000	200.0	H	109.0	-12.2
1766.568000	---	35.64	54.00	18.36	50.0	1000.000	200.0	H	25.0	-11.9
1919.900000	---	35.72	54.00	18.28	50.0	1000.000	200.0	V	146.0	-11.7
2092.744000	46.80	---	74.00	27.20	50.0	1000.000	200.0	H	12.0	-11.1
2092.811000	---	33.87	54.00	20.13	50.0	1000.000	200.0	H	19.0	-11.1
2534.228000	---	33.17	54.00	20.83	50.0	1000.000	200.0	H	70.0	-9.2
2534.290000	46.98	---	74.00	27.02	50.0	1000.000	200.0	H	25.0	-9.2

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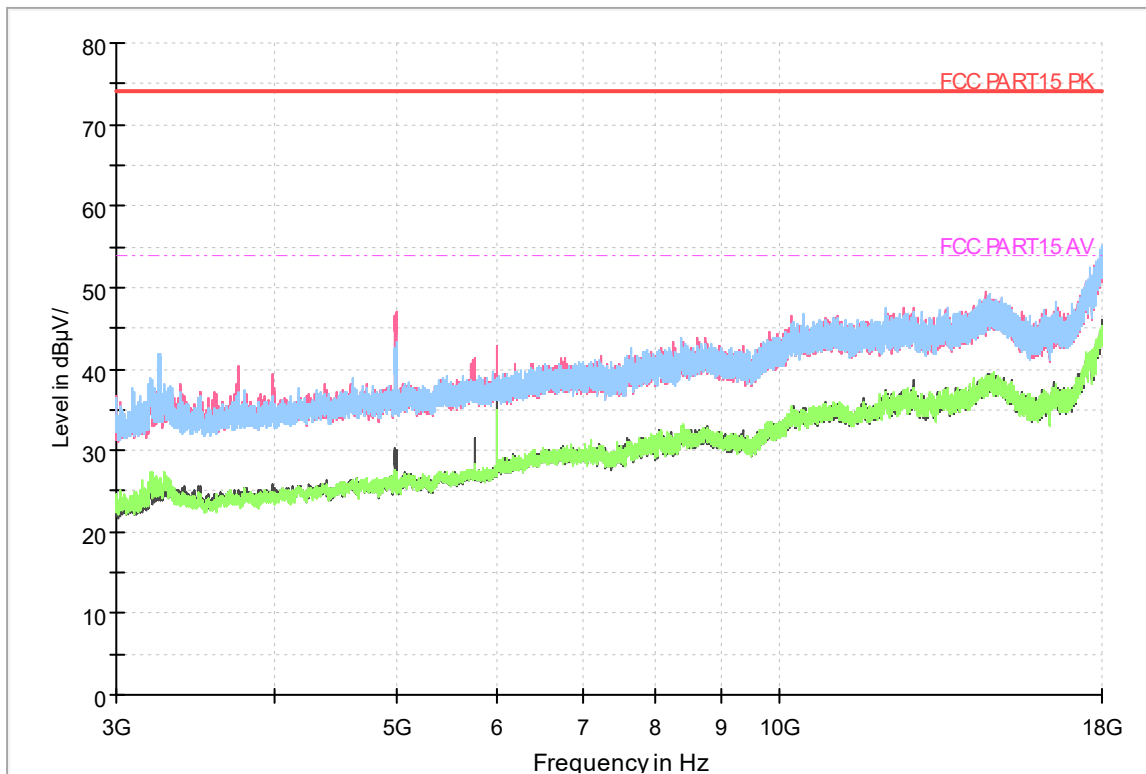


Fig.21 Radiated emission: 11n 40M, Ch3, 3GHz-18GHz

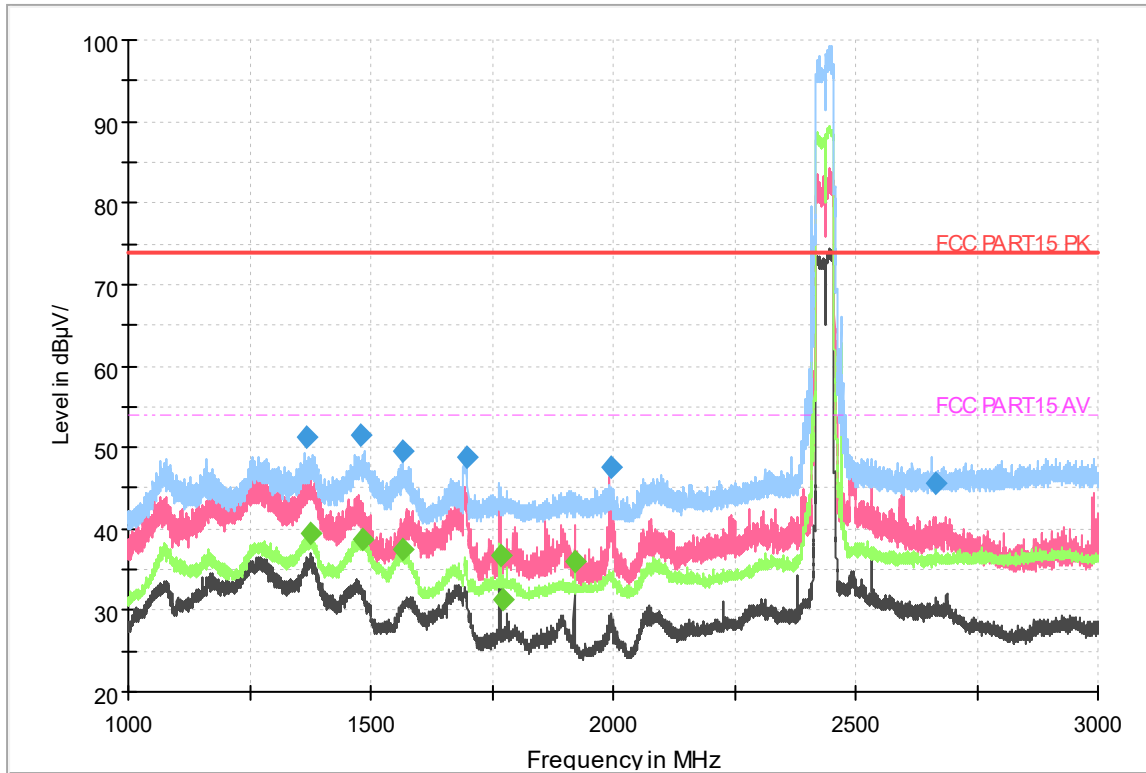


Fig.22 Radiated emission: 11n 40M, Ch6, 1GHz-3GHz

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)
1367.680000	51.37	---	74.00	22.63	50.0	1000.000	200.0	H	73.0	-12.8
1377.605000	---	39.38	54.00	14.62	50.0	1000.000	200.0	H	73.0	-12.8
1478.570000	51.62	---	74.00	22.38	50.0	1000.000	200.0	H	22.0	-13.1
1484.294000	---	38.81	54.00	15.19	50.0	1000.000	200.0	H	22.0	-13.1
1564.548000	---	37.52	54.00	16.48	50.0	1000.000	200.0	H	35.0	-12.6
1566.563000	49.65	---	74.00	24.35	50.0	1000.000	200.0	H	41.0	-12.6
1696.438000	48.91	---	74.00	25.09	50.0	1000.000	200.0	H	105.0	-12.2
1766.568000	---	36.75	54.00	17.25	50.0	1000.000	200.0	H	105.0	-11.9
1772.697000	---	31.43	54.00	22.57	50.0	1000.000	200.0	H	22.0	-11.9
1919.900000	---	36.09	54.00	17.91	50.0	1000.000	200.0	V	155.0	-11.7
1994.443000	47.60	---	74.00	26.40	50.0	1000.000	200.0	V	96.0	-11.6
2667.123000	45.54	---	74.00	28.46	50.0	1000.000	200.0	H	22.0	-8.9

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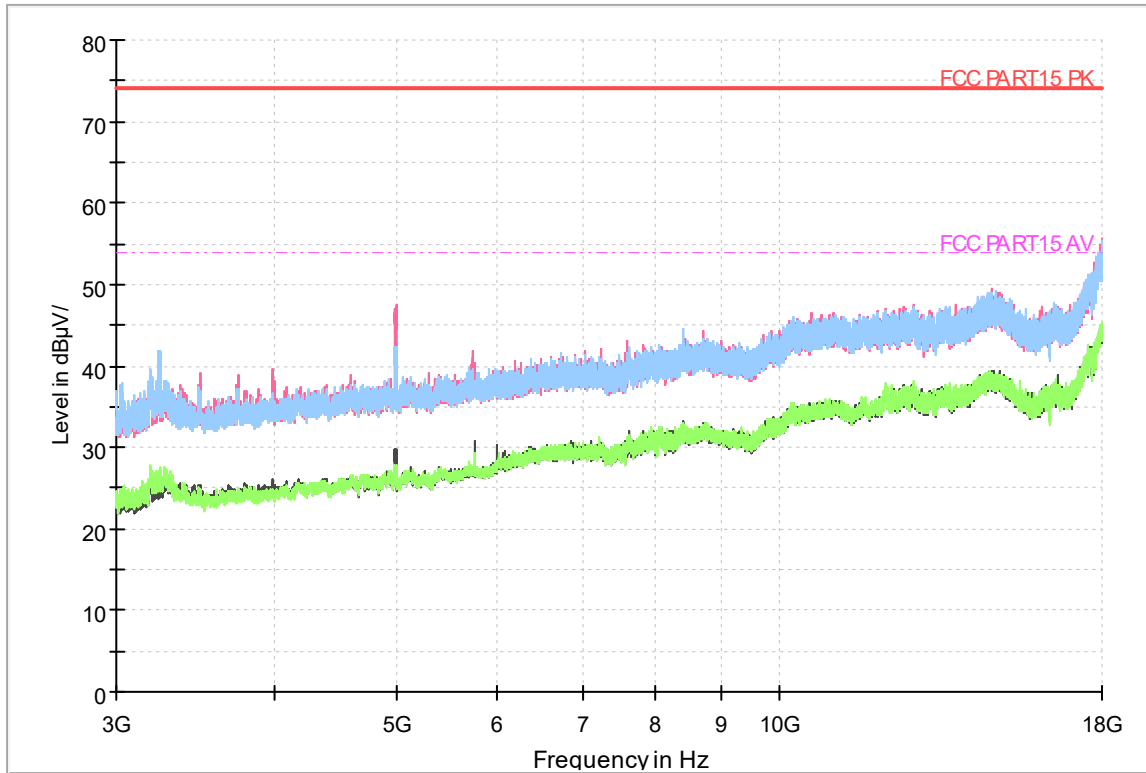


Fig.23 Radiated emission: 11n 40M, Ch6, 3GHz-18GHz

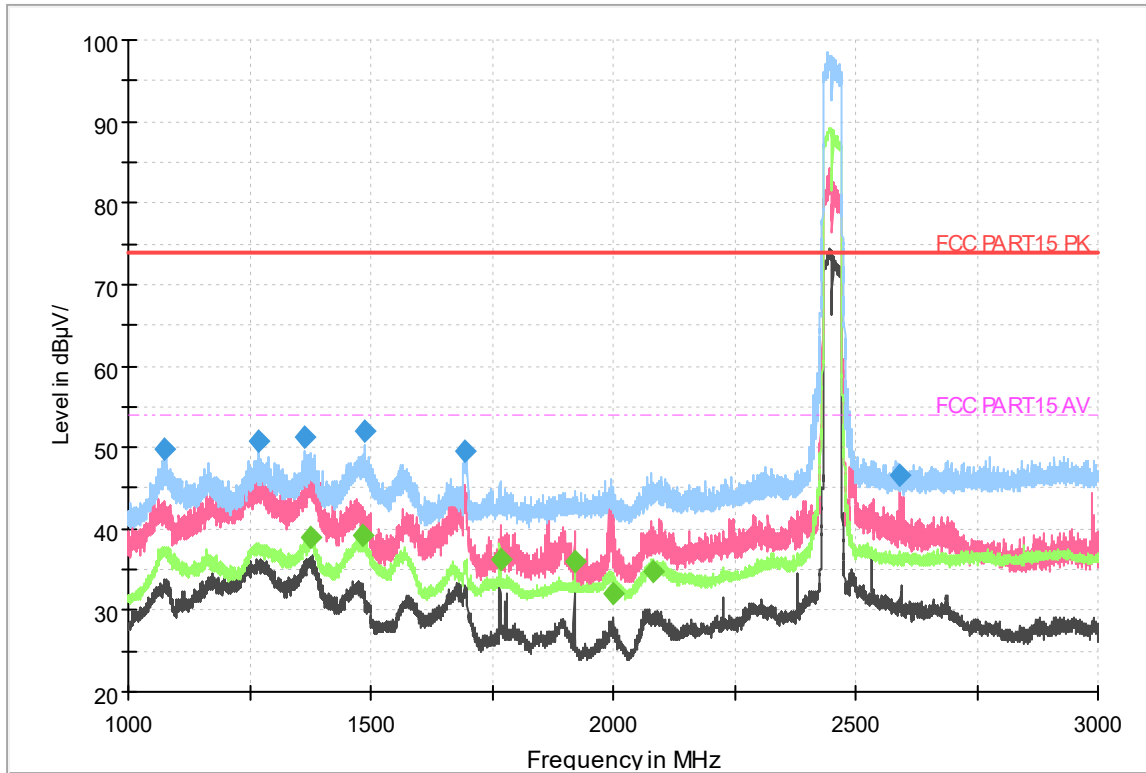


Fig.24 Radiated emission: 11n 40M, Ch9, 1GHz-3GHz

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)
1076.110000	49.83	---	74.00	24.17	50.0	1000.000	200.0	H	68.0	-13.4
1270.160000	50.89	---	74.00	23.11	50.0	1000.000	200.0	H	49.0	-13.0
1364.282000	51.17	---	74.00	22.83	50.0	1000.000	200.0	H	75.0	-12.8
1376.901000	---	38.84	54.00	15.16	50.0	1000.000	200.0	H	75.0	-12.8
1483.162000	---	39.08	54.00	14.92	50.0	1000.000	200.0	H	16.0	-13.1
1487.468000	52.01	---	74.00	21.99	50.0	1000.000	200.0	H	16.0	-13.1
1692.938000	49.54	---	74.00	24.46	50.0	1000.000	200.0	H	101.0	-12.2
1766.568000	---	36.30	54.00	17.70	50.0	1000.000	200.0	H	107.0	-11.9
1919.900000	---	35.91	54.00	18.09	50.0	1000.000	200.0	V	147.0	-11.7
1999.336000	---	32.15	54.00	21.85	50.0	1000.000	200.0	H	9.0	-11.6
2083.100000	---	34.65	54.00	19.35	50.0	1000.000	200.0	H	16.0	-11.2
2591.988000	46.53	---	74.00	27.47	50.0	1000.000	200.0	H	16.0	-9.1

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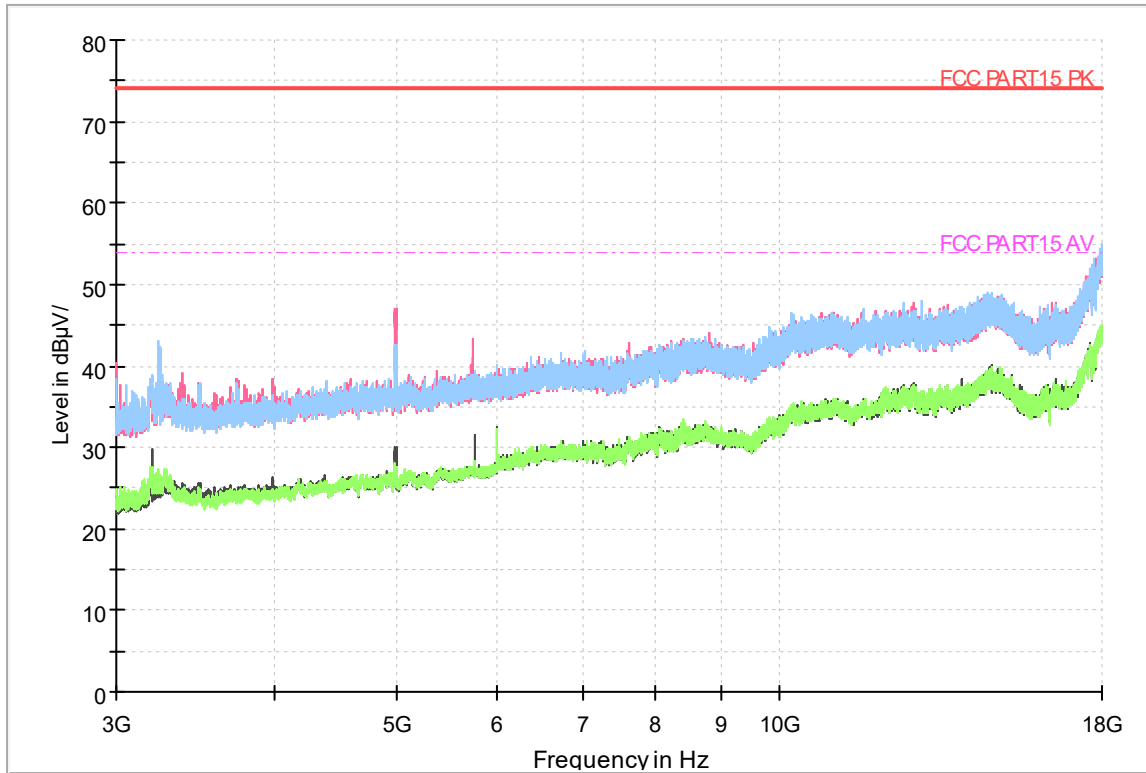


Fig.25 Radiated emission: 11n 40M, Ch9, 3GHz-18GHz