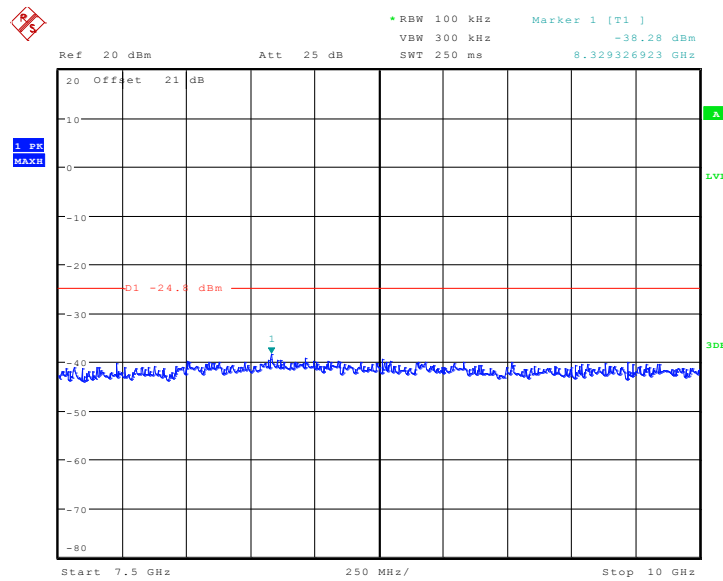
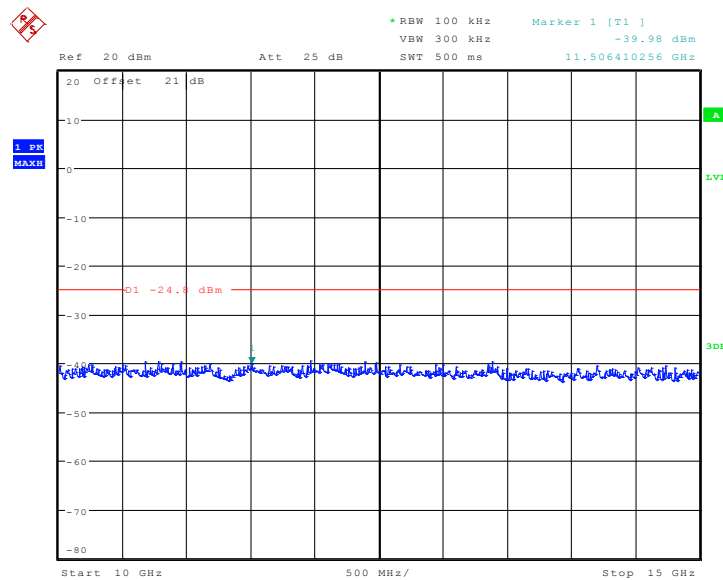




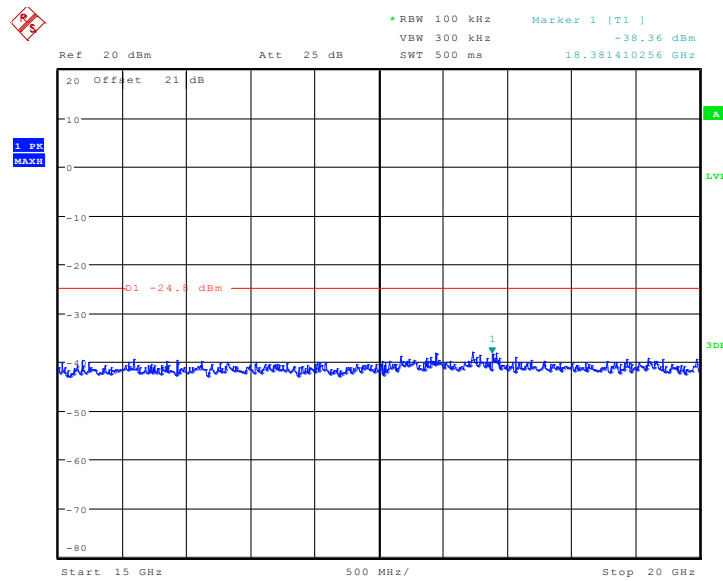
Date: 10.JAN.2013 14:00:52

Fig. 193 Conducted Spurious Emission (802.11n-HT40, Ch9, 7.5GHz-10 GHz)



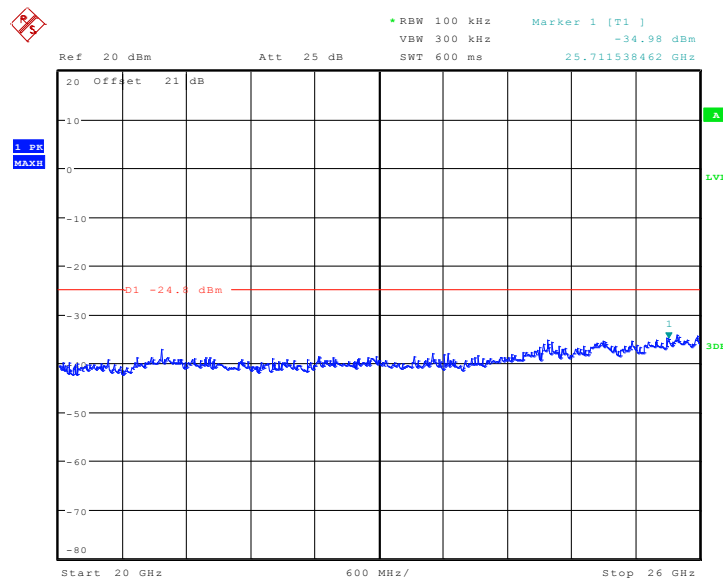
Date: 10.JAN.2013 14:01:05

Fig. 194 Conducted Spurious Emission (802.11n-HT40, Ch9, 10GHz-15 GHz)



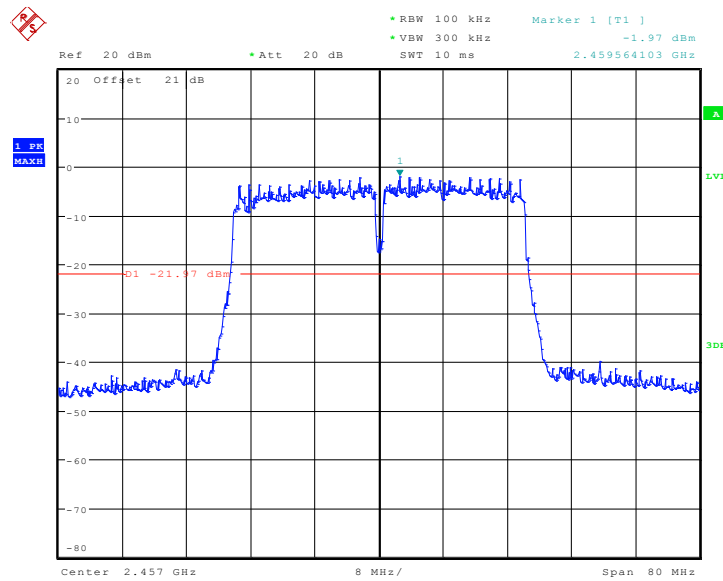
Date: 10.JAN.2013 14:01:22

Fig. 195 Conducted Spurious Emission (802.11n-HT40, Ch9, 15GHz-20 GHz)



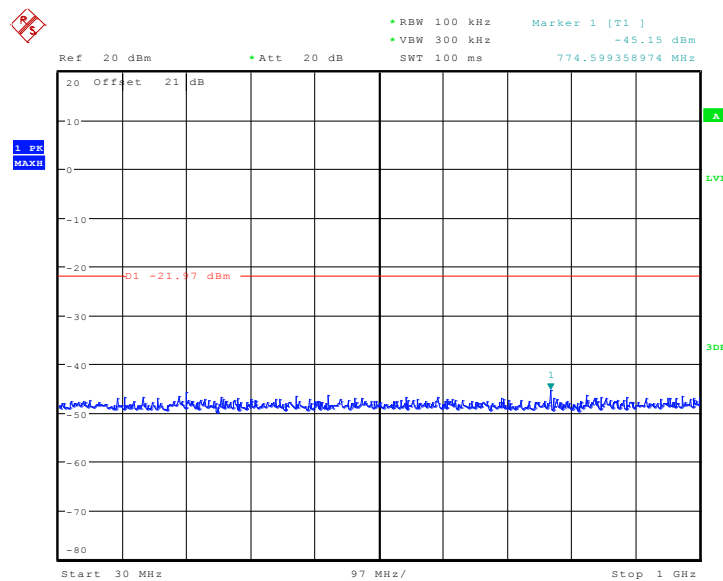
Date: 10.JAN.2013 14:01:41

Fig. 196 Conducted Spurious Emission (802.11n-HT40, Ch9, 20GHz-28 GHz)



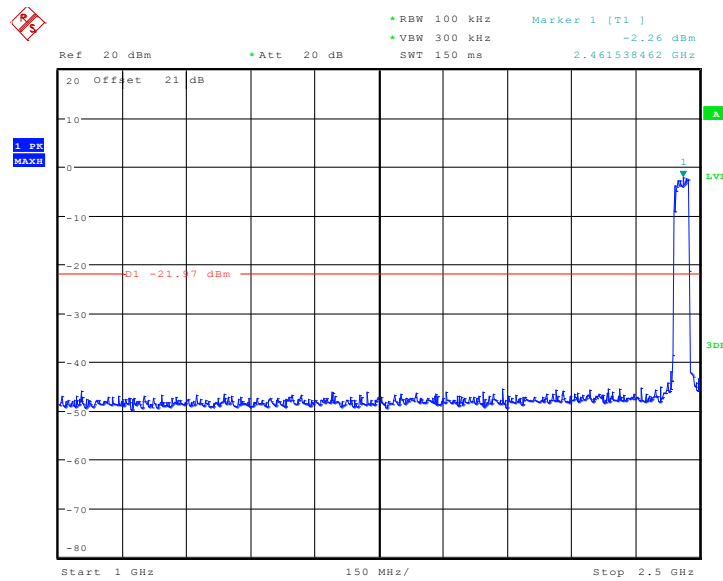
Date: 5.DEC.2013 16:26:23

Fig. 197 Conducted Spurious Emission (802.11n-HT40, Ch10, Center Frequency)



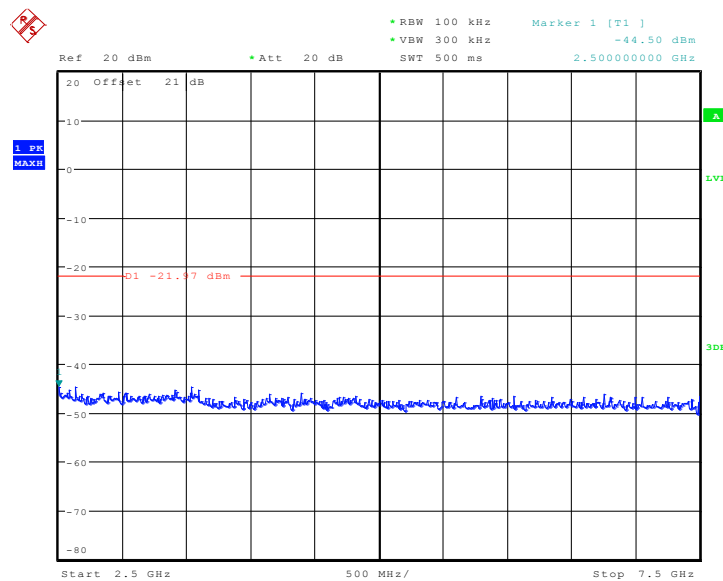
Date: 5.DEC.2013 16:26:38

Fig. 198 Conducted Spurious Emission (802.11n-HT40, Ch10, 30 MHz-1 GHz)



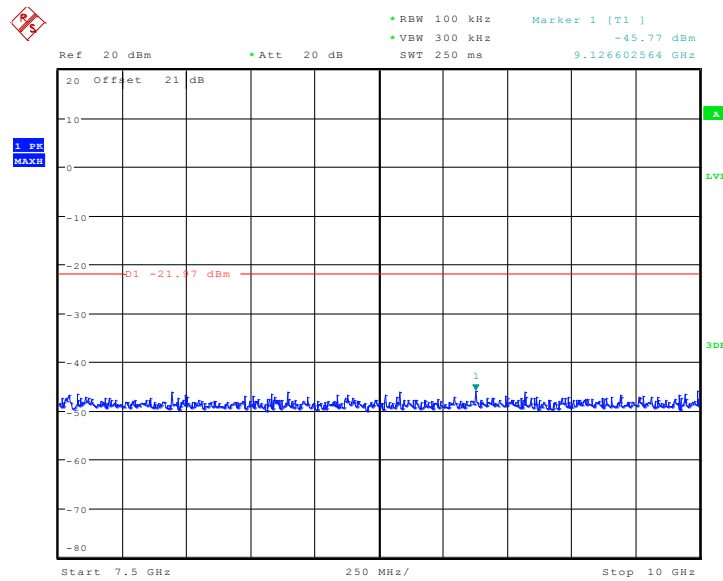
Date: 5.DEC.2013 16:26:51

Fig. 199 Conducted Spurious Emission (802.11n-HT40, Ch10, 1 GHz-2.5 GHz)



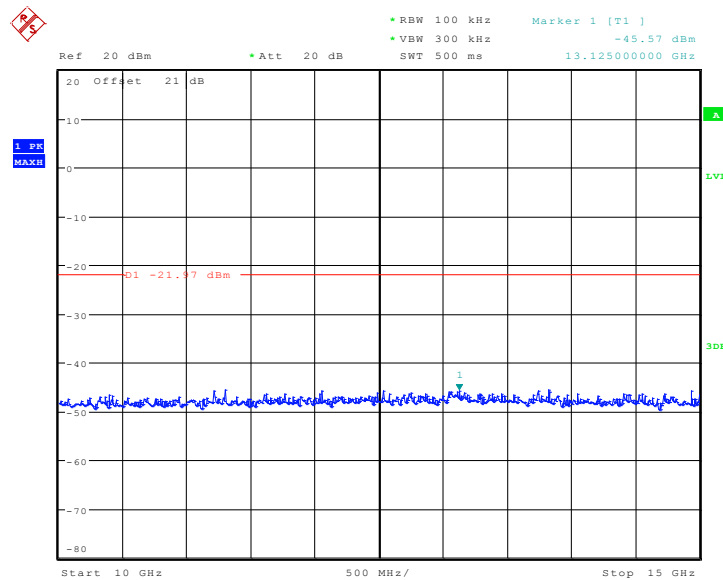
Date: 5.DEC.2013 16:27:06

Fig. 200 Conducted Spurious Emission (802.11n-HT40, Ch10, 2.5 GHz-7.5 GHz)



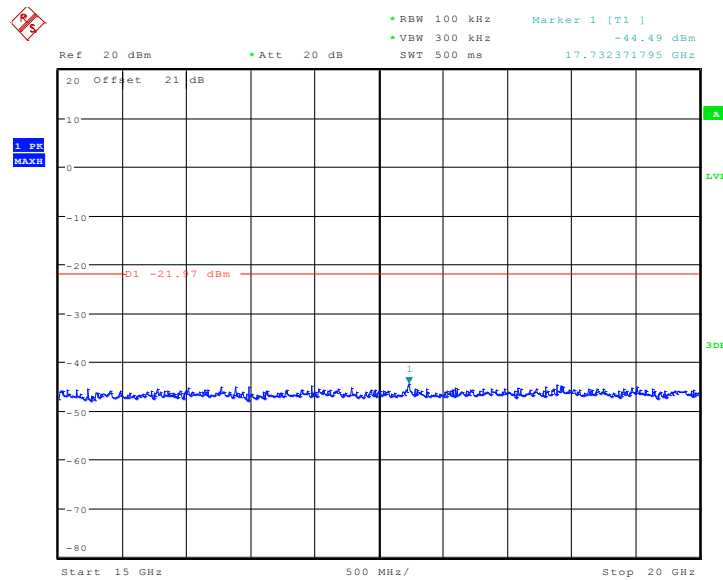
Date: 5.DEC.2013 16:27:20

Fig. 201 Conducted Spurious Emission (802.11n-HT40, Ch10, 7.5 GHz-10 GHz)



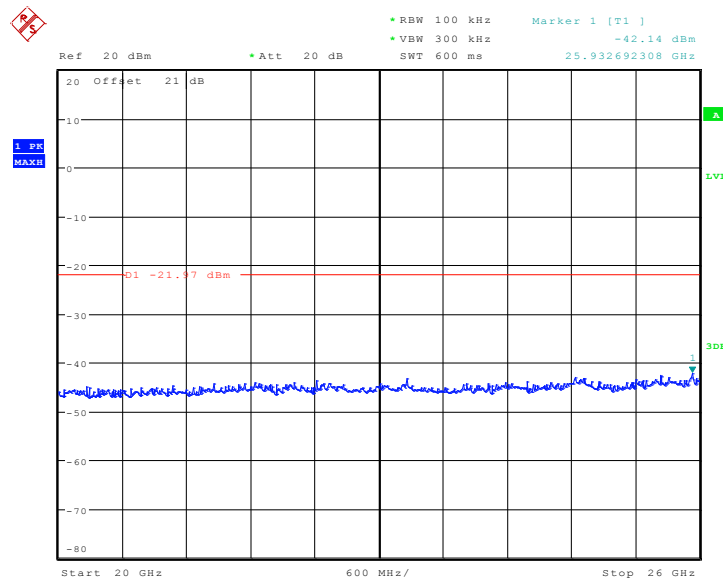
Date: 5.DEC.2013 16:27:34

Fig. 202 Conducted Spurious Emission (802.11n-HT40, Ch10, 10 GHz-15 GHz)



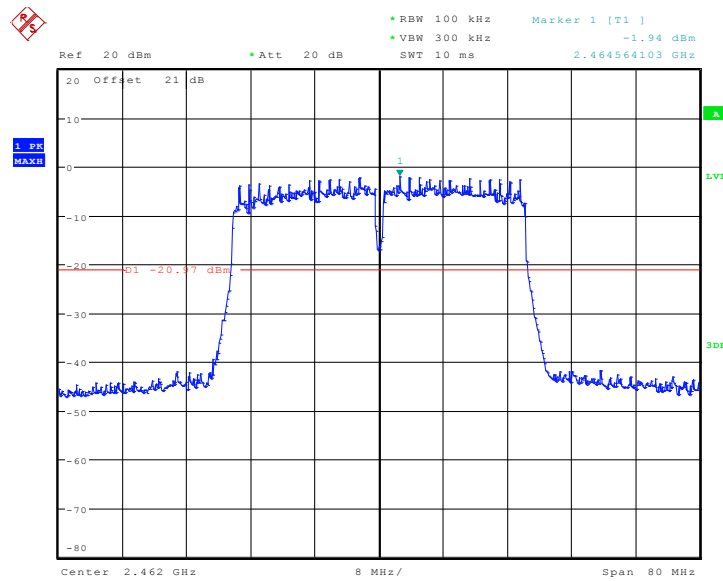
Date: 5.DEC.2013 16:28:36

Fig. 203 Conducted Spurious Emission (802.11n-HT40, Ch10, 15 GHz-20 GHz)



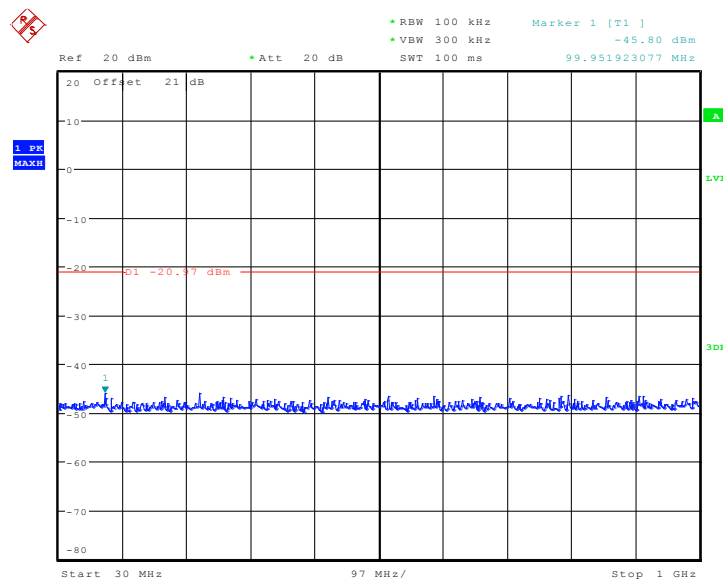
Date: 5.DEC.2013 16:30:27

Fig. 204 Conducted Spurious Emission (802.11n-HT40, Ch10, 20 GHz-26 GHz)



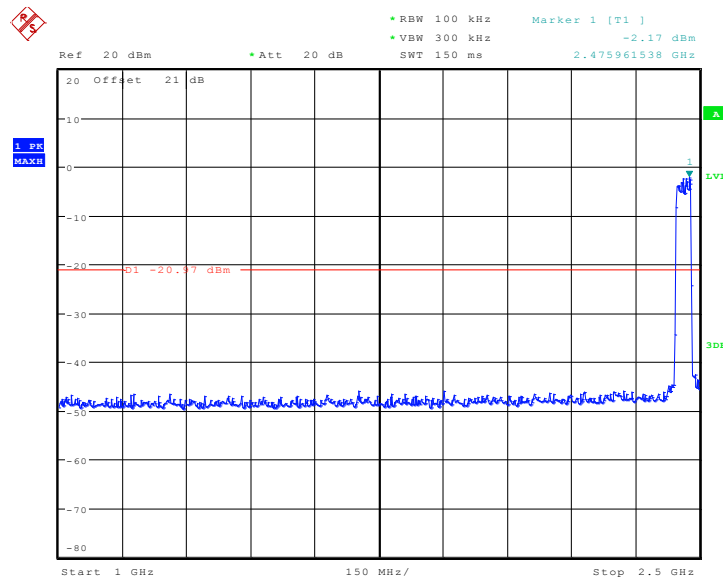
Date: 5.DEC.2013 16:30:58

Fig. 205 Conducted Spurious Emission (802.11n-HT40, Ch11, Center Frequency)



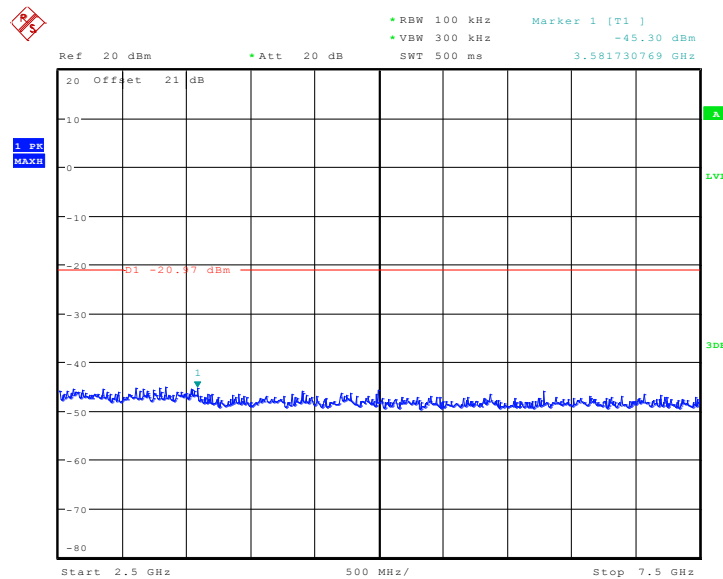
Date: 5.DEC.2013 16:31:11

Fig. 206 Conducted Spurious Emission (802.11n-HT40, Ch11, 30 MHz-1 GHz)



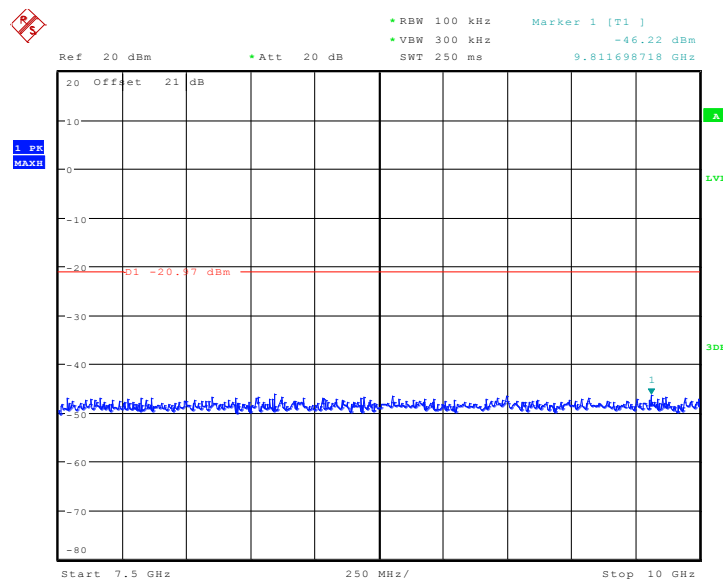
Date: 5.DEC.2013 16:31:24

Fig. 207 Conducted Spurious Emission (802.11n-HT40, Ch11, 1 GHz-2.5 GHz)



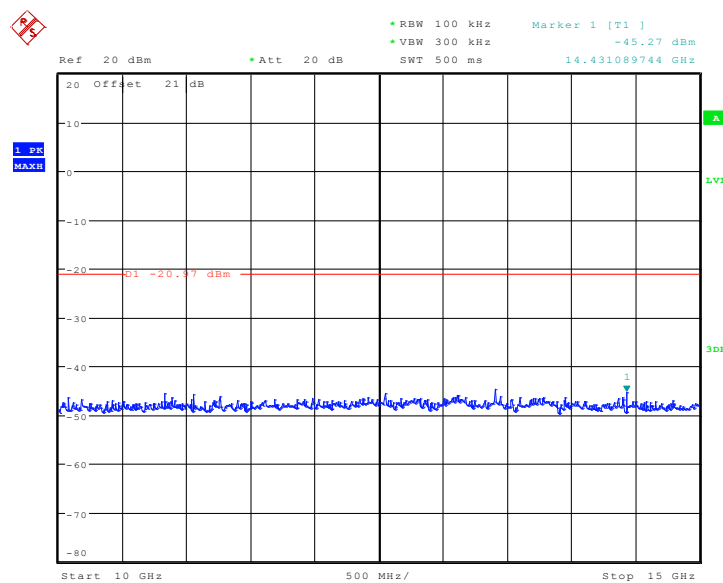
Date: 5.DEC.2013 16:31:38

Fig. 208 Conducted Spurious Emission (802.11n-HT40, Ch11, 2.5 GHz-7.5 GHz)



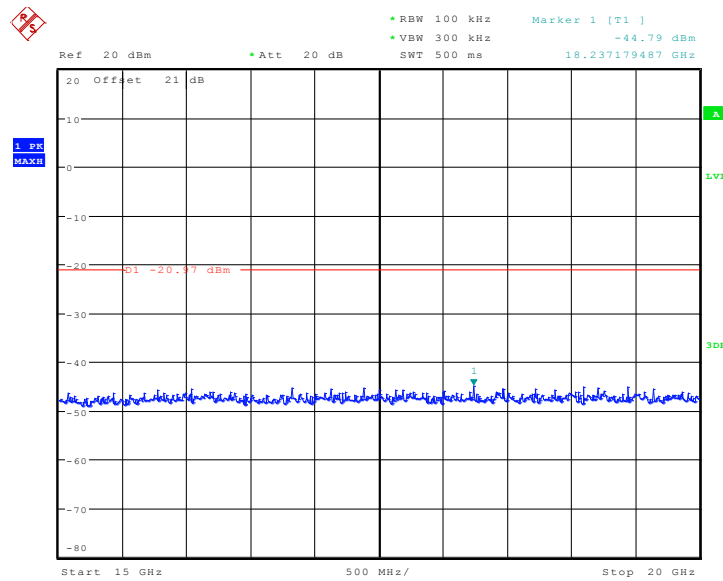
Date: 5.DEC.2013 16:31:52

Fig. 209 Conducted Spurious Emission (802.11n-HT40, Ch11, 7.5 GHz-10 GHz)



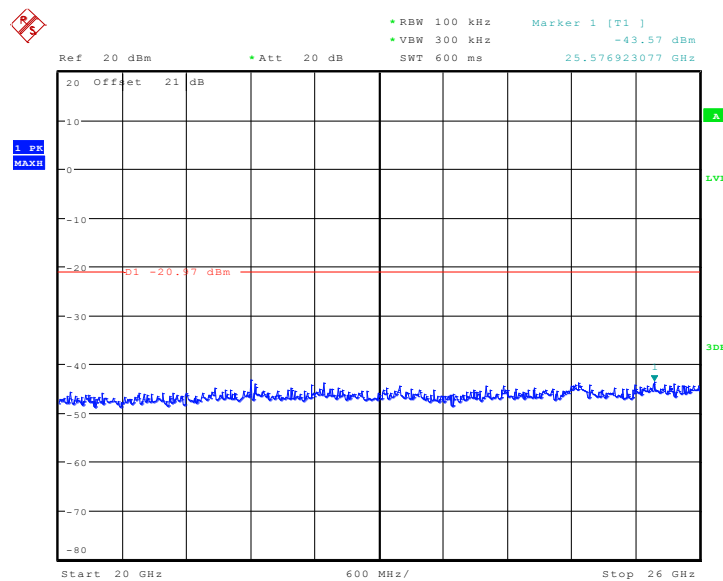
Date: 5.DEC.2013 16:32:06

Fig. 210 Conducted Spurious Emission (802.11n-HT40, Ch11, 10 GHz-15 GHz)



Date: 5.DEC.2013 16:32:22

Fig. 211 Conducted Spurious Emission (802.11n-HT40, Ch11, 15GHz-20 GHz)



Date: 5.DEC.2013 16:32:35

Fig. 212 Conducted Spurious Emission (802.11n-HT40, Ch11, 20GHz-26 GHz)

A.6.2 Transmitter Spurious Emission - Radiated

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB below peak output power

In addition, 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)).

The measurement is made according to ANSI C63.10.

Limit in restricted band:

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

Test Condition

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

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

Measurement Results:

802.11b mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.38GHz ~2.45GHz	Fig.213	P
	1	30 MHz ~1 GHz	Fig.214	P
		1 GHz ~ 3 GHz	Fig.215	P
		3 GHz ~ 18 GHz	Fig.216	P
	6	30 MHz ~1 GHz	Fig.217	P
		1 GHz ~ 3 GHz	Fig.218	P
		3 GHz ~ 18 GHz	Fig.219	P
	Power	2.45GHz ~2.5GHz	Fig.220	P
	11	30 MHz ~1 GHz	Fig.221	P
		1 GHz ~ 3 GHz	Fig.222	P
		3 GHz ~ 18 GHz	Fig.223	P
	Power	2.45GHz ~2.50GHz	Fig.224	P
	12	30 MHz ~1 GHz	Fig.225	P
		1 GHz ~ 3 GHz	Fig.226	P
		3 GHz ~ 18 GHz	Fig.227	P
	Power	2.45GHz ~2.50GHz	Fig.228	P
	13	30 MHz ~1 GHz	Fig.229	P
		1 GHz ~ 3 GHz	Fig.230	P
		3 GHz ~ 18 GHz	Fig.231	P

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.38GHz ~2.43GHz	Fig.232	P
	1	30 MHz ~1 GHz	Fig.233	P
		1 GHz ~ 3 GHz	Fig.234	P
		3 GHz ~ 18 GHz	Fig.235	P
	6	30 MHz ~1 GHz	Fig.236	P
		1 GHz ~ 3 GHz	Fig.237	P
		3 GHz ~ 18 GHz	Fig.238	P
	Power	2.45GHz ~2.5GHz	Fig.239	P
	11	30 MHz ~1 GHz	Fig.240	P
		1 GHz ~ 3 GHz	Fig.241	P
		3 GHz ~ 18 GHz	Fig.242	P
	Power	2.45GHz ~2.50GHz	Fig.243	P
	12	30 MHz ~1 GHz	Fig.244	P
		1 GHz ~ 3 GHz	Fig.245	P
		3 GHz ~ 18 GHz	Fig.246	P
	Power	2.45GHz ~2.50GHz	Fig.247	P
	13	30 MHz ~1 GHz	Fig.248	P
		1 GHz ~ 3 GHz	Fig.249	P
		3 GHz ~ 18 GHz	Fig.250	P

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (20MHz)	Power	2.38GHz ~2.45GHz	Fig.251	P
	1	30 MHz ~1 GHz	Fig.252	P
		1 GHz ~ 3 GHz	Fig.253	P
		3 GHz ~ 18 GHz	Fig.254	P
	6	30 MHz ~1 GHz	Fig.255	P
		1 GHz ~ 3 GHz	Fig.256	P
		3 GHz ~ 18 GHz	Fig.257	P
	Power	2.45GHz ~2.5GHz	Fig.258	P
	11	30 MHz ~1 GHz	Fig.259	P
		1 GHz ~ 3 GHz	Fig.260	P
		3 GHz ~ 18 GHz	Fig.261	P
	Power	2.45GHz ~2.50GHz	Fig.262	P
	12	30 MHz ~1 GHz	Fig.263	P
		1 GHz ~ 3 GHz	Fig.264	P
		3 GHz ~ 18 GHz	Fig.265	P
	Power	2.45GHz ~2.50GHz	Fig.266	P
	13	30 MHz ~1 GHz	Fig.267	P
		1 GHz ~ 3 GHz	Fig.268	P
		3 GHz ~ 18 GHz	Fig.269	P

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (40MHz)	Power	2.38GHz ~2.45GHz	Fig.270	P
	3	30 MHz ~1 GHz	Fig.271	P
		1 GHz ~ 3 GHz	Fig.272	P
		3 GHz ~ 18 GHz	Fig.273	P
	6	30 MHz ~1 GHz	Fig.274	P
		1 GHz ~ 3 GHz	Fig.275	P
		3 GHz ~ 18 GHz	Fig.276	P
	Power	2.45GHz ~2.5GHz	Fig.277	P
	9	30 MHz ~1 GHz	Fig.278	P
		1 GHz ~ 3 GHz	Fig.279	P
		3 GHz ~ 18 GHz	Fig.280	P
	Power	2.45GHz ~2.50GHz	Fig.281	P
	10	30 MHz ~1 GHz	Fig.282	P
		1 GHz ~ 3 GHz	Fig.283	P
		3 GHz ~ 18 GHz	Fig.284	P
	Power	2.45GHz ~2.50GHz	Fig.285	P
	11	30 MHz ~1 GHz	Fig.286	P
		1 GHz ~ 3 GHz	Fig.287	P
		3 GHz ~ 18 GHz	Fig.288	P
/	All channels	18 GHz~ 26.5 GHz	Fig.289	P

Conclusion: PASS

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

$$\text{Result} = P_{Mea} + A_{Rpl} = P_{Mea} + \text{Cable Loss} + \text{Antenna Factor}$$

802.11b

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17529.000	42.8	-25.3	42.9	25.167	V
17524.500	42.7	-25.3	42.8	25.227	V
17517.750	42.7	-25.3	42.8	25.227	H
17527.500	42.7	-25.3	42.9	25.067	V
17520.750	42.7	-25.3	42.8	25.227	H
17813.250	42.6	-25.2	42.9	24.888	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17502.000	42.8	-25.3	42.8	25.327	V
17531.250	42.8	-25.3	42.9	25.167	H
17534.250	42.8	-25.3	42.9	25.167	V
17546.250	42.7	-25.3	42.9	25.067	H
17528.250	42.6	-25.3	42.9	24.967	V
17582.250	42.6	-25.3	42.7	25.187	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17522.250	42.7	-25.3	42.8	25.227	V
17490.000	42.7	-25.3	43.0	24.957	V
17484.750	42.7	-25.3	43.0	24.957	V
17470.500	42.7	-25.3	42.6	25.397	V
17508.750	42.7	-25.3	42.8	25.227	H
17513.250	42.7	-25.3	42.8	25.227	V

Ch12

Frequency(MHz)	Result	Cable	Antenna	P_{Mea}	Polarization
----------------	--------	-------	---------	-----------	--------------

	(dBuV/m)	Loss	Factor	(dBuV/m)	
17760.000	45.8	-18.5	45.6	18.7	H
17793.000	45.6	-18.5	45.6	18.5	V
17797.500	45.5	-18.5	45.6	18.4	V
17821.500	45.4	-18.5	45.6	18.3	H
17631.000	45.3	-18.9	45.6	18.6	H
17488.500	45.2	-19.2	41.5	22.9	H

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17821.500	46.2	-18.5	45.6	19.1	H
17997.000	46.1	-17.7	45.6	18.2	H
17578.500	45.9	-18.9	45.6	19.2	V
17818.500	45.3	-18.5	45.6	18.2	V
17902.500	45.2	-18.5	45.6	18.1	V
17992.500	45.1	-17.7	45.6	17.2	H

802.11g
Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17526.750	42.9	-25.3	42.9	25.267	V
17979.750	42.7	-25.2	42.3	25.668	H
17511.000	42.7	-25.3	42.8	25.227	V
17529.750	42.7	-25.3	42.9	25.067	H
17891.250	42.7	-25.2	42.5	25.438	V
17536.500	42.7	-25.3	42.9	25.067	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17494.500	42.9	-25.3	43.0	25.157	V
17520.000	42.8	-25.3	42.8	25.327	V
17512.500	42.8	-25.3	42.8	25.327	H
17570.250	42.7	-25.3	42.3	25.737	V
17505.000	42.7	-25.3	42.8	25.227	H
17541.000	42.7	-25.3	42.9	25.067	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17782.500	42.9	-25.4	42.0	26.381	V
17527.500	42.8	-25.3	42.9	25.167	H
17502.750	42.7	-25.3	42.8	25.227	V
17524.500	42.7	-25.3	42.8	25.227	H
17568.750	42.7	-25.3	42.3	25.737	V
17538.000	42.7	-25.3	42.9	25.067	V

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17752.500	45.9	-18.5	45.6	18.8	H
17845.500	45.8	-18.5	45.6	18.7	V
17641.500	45.8	-18.9	45.6	19.1	H
17946.000	45.5	-17.7	45.6	17.6	H
17766.000	45.4	-18.5	45.6	18.3	H
17865.000	45.4	-18.5	45.6	18.3	V

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17986.500	46.2	-17.7	45.6	18.3	H
17995.500	45.9	-17.7	45.6	18.0	H
17562.000	45.7	-18.9	45.6	19.0	V
17829.000	45.4	-18.5	45.6	18.3	V
17818.500	45.4	-18.5	45.6	18.3	V
17784.000	45.4	-18.5	45.6	18.3	V

802.11n-HT20

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17515.500	42.9	-25.3	42.8	25.427	V
17991.750	42.7	-24.7	42.3	25.154	V
17838.750	42.7	-25.2	42.3	25.618	V
17544.000	42.6	-25.3	42.9	24.967	V
17492.250	42.6	-25.3	43.0	24.857	V
17517.750	42.6	-25.3	42.8	25.127	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17526.000	42.9	-25.3	42.9	25.267	V
17517.750	42.8	-25.3	42.8	25.327	V
17553.750	42.8	-25.3	42.3	25.837	H
17536.500	42.7	-25.3	42.9	25.067	V
17535.750	42.7	-25.3	42.9	25.067	H
17493.000	42.6	-25.3	43.0	24.857	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17518.500	43.0	-25.3	42.8	25.527	V
17543.250	42.7	-25.3	42.9	25.067	H
17541.000	42.7	-25.3	42.9	25.067	H
17526.000	42.7	-25.3	42.9	25.067	V
17499.750	42.7	-25.3	43.0	24.957	V
17545.500	42.6	-25.3	42.9	24.967	V

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17754.000	46.8	-18.5	45.6	19.7	V
17835.000	46.1	-18.5	45.6	19.0	H
17964.000	46.0	-17.7	45.6	18.1	V
17716.500	45.7	-18.9	45.6	19.0	V
17898.000	45.5	-18.5	45.6	18.4	V
17845.500	45.4	-18.5	45.6	18.3	H

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17814.000	46.4	-18.5	45.6	19.3	V
17988.000	46.3	-17.7	45.6	18.4	H
17823.000	46.0	-18.5	45.6	18.9	H
17806.500	45.8	-18.5	45.6	18.7	H
17538.000	45.5	-19.2	45.6	19.1	V
17802.000	45.4	-18.5	45.6	18.3	H

802.11n-HT40

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17519.250	42.8	-25.3	42.8	25.327	H
17518.500	42.8	-25.3	42.8	25.327	V
17506.500	42.7	-25.3	42.8	25.227	V
17763.750	42.7	-25.4	42.2	25.961	H
17496.000	42.7	-25.3	43.0	24.957	H
17583.000	42.6	-25.3	42.7	25.187	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17494.500	43.1	-25.3	43.0	25.357	V
17528.250	42.9	-25.3	42.9	25.267	V
17506.500	42.8	-25.3	42.8	25.327	V
17499.750	42.8	-25.3	43.0	25.057	H
17524.500	42.8	-25.3	42.8	25.327	V
17540.250	42.7	-25.3	42.9	25.067	V

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17520.000	42.9	-25.3	42.8	25.427	V
17545.500	42.8	-25.3	42.9	25.167	V
17546.250	42.7	-25.3	42.9	25.067	V
17526.000	42.6	-25.3	42.9	24.967	V
17530.500	42.6	-25.3	42.9	24.967	V
17499.750	42.6	-25.3	43.0	24.857	H

Ch10

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17730.000	45.6	-18.9	45.6	18.9	V
17827.500	45.4	-18.5	45.6	18.3	V
17719.500	45.4	-18.9	45.6	18.7	H
17761.500	45.3	-18.5	45.6	18.2	V
17538.000	45.3	-19.2	45.6	18.9	H
17824.500	45.2	-18.5	45.6	18.1	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss	Antenna Factor	PMea (dBuV/m)	Polarization
17965.500	46.4	-17.7	45.6	18.5	V
17790.000	46.0	-18.5	45.6	18.9	V
17862.000	45.9	-18.5	45.6	18.8	H
17788.500	45.9	-18.5	45.6	18.8	H
17515.500	45.6	-19.2	45.6	19.2	H
17562.000	45.5	-18.9	45.6	18.8	H

Test graphs as below:

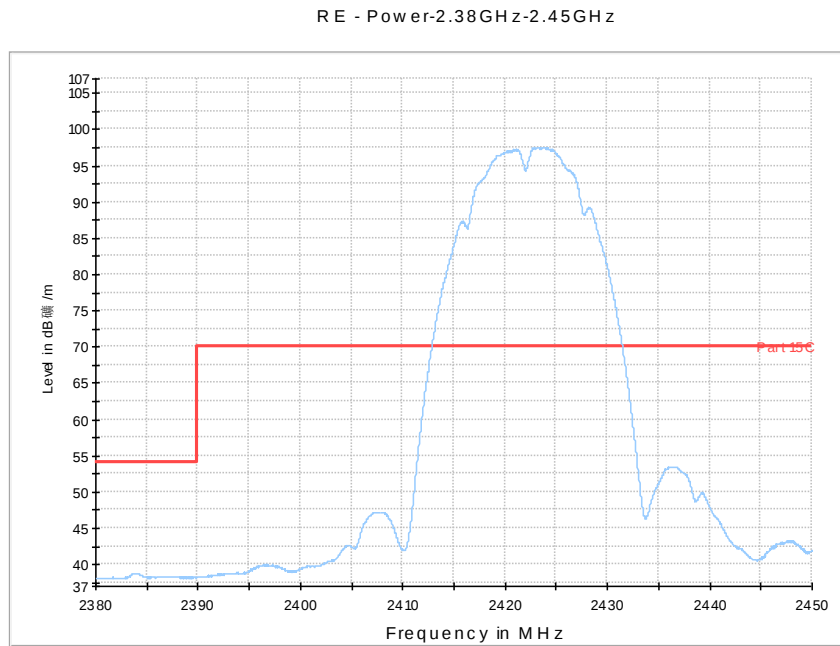


Fig. 213 Radiated Spurious Emission (Power): 802.11b, ch1, 2.38 GHz - 245GHz

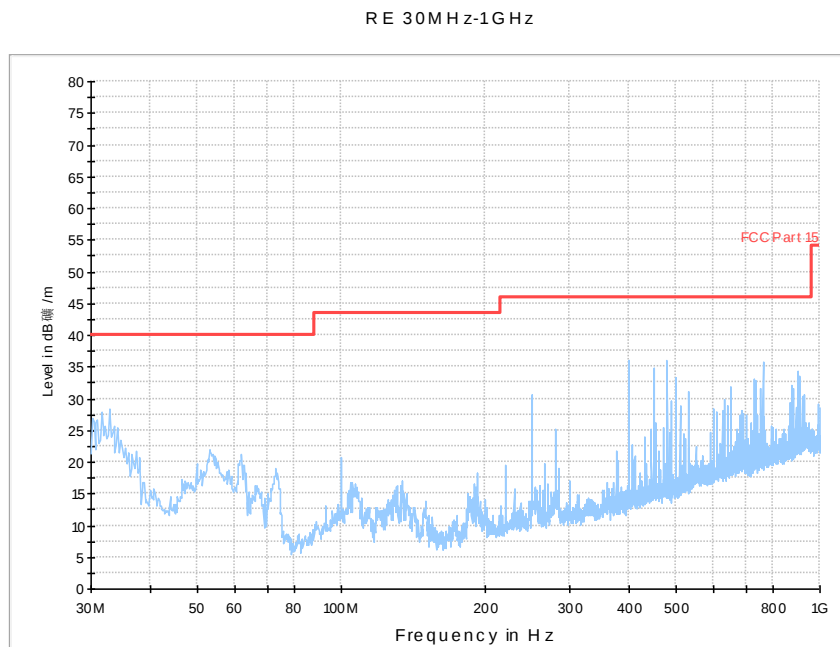


Fig. 214 Radiated Spurious Emission (802.11b, Ch1, 30 MHz-1 GHz)

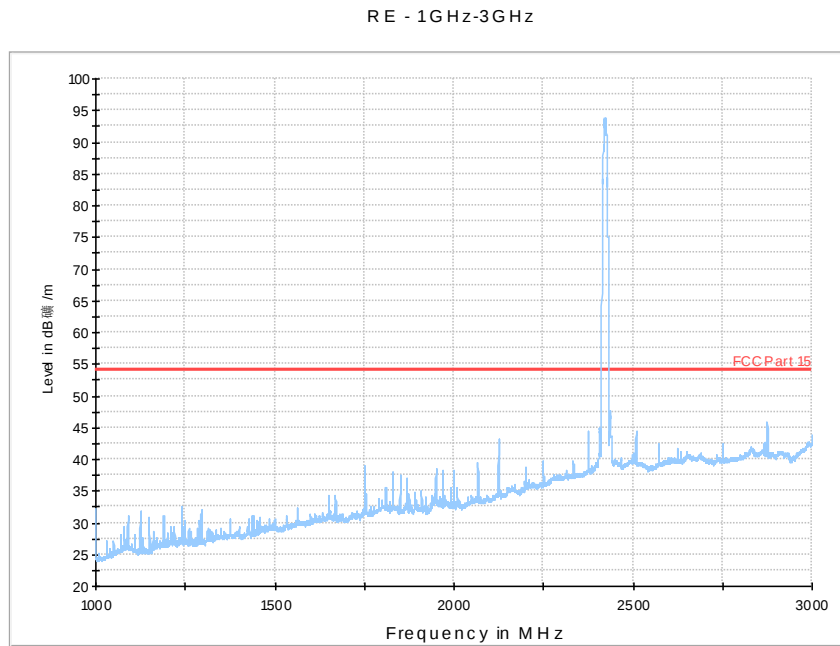


Fig. 215 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-3 GHz)

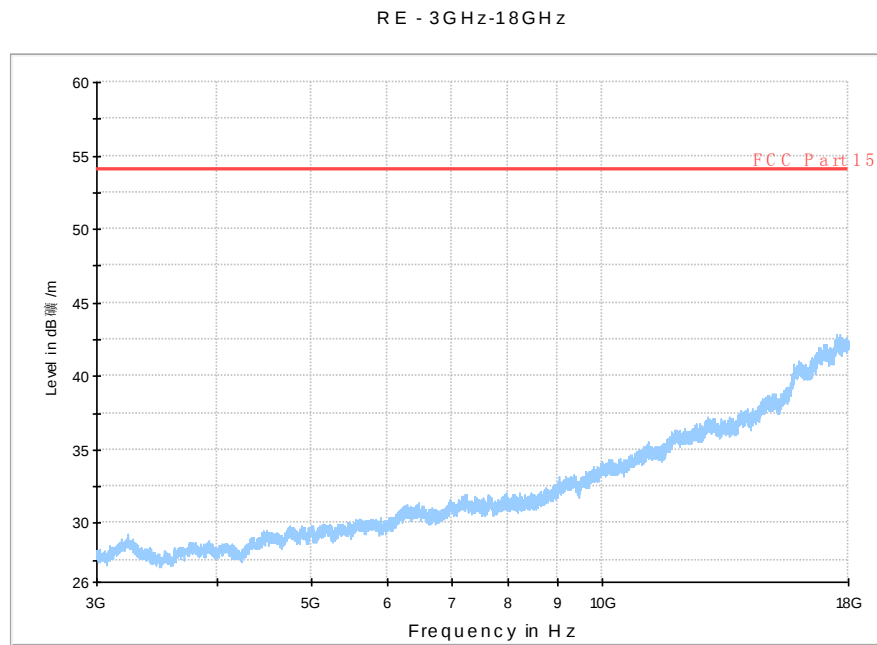


Fig. 216 Radiated Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

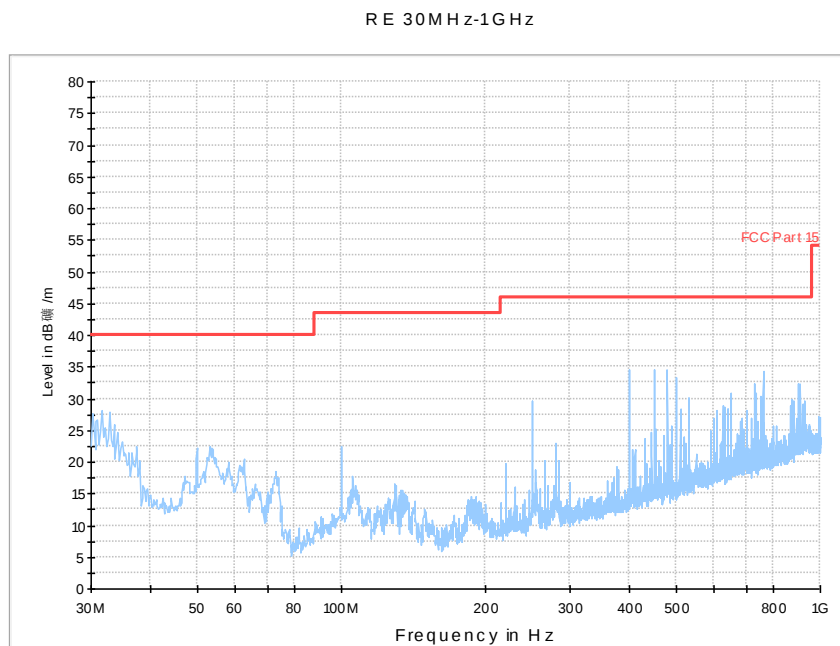


Fig. 217 Radiated Spurious Emission (802.11b, Ch6, 30 MHz-1 GHz)

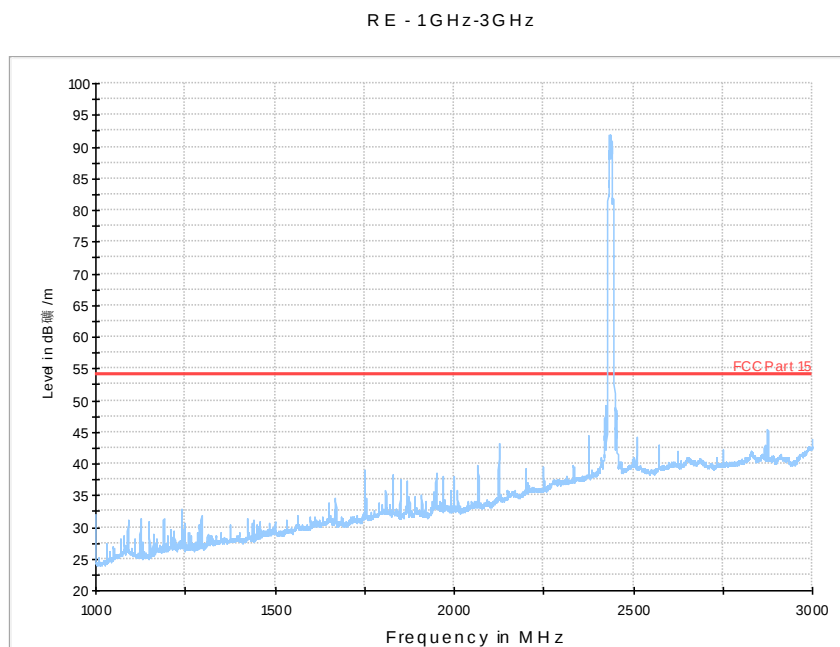


Fig. 218 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-3 GHz)

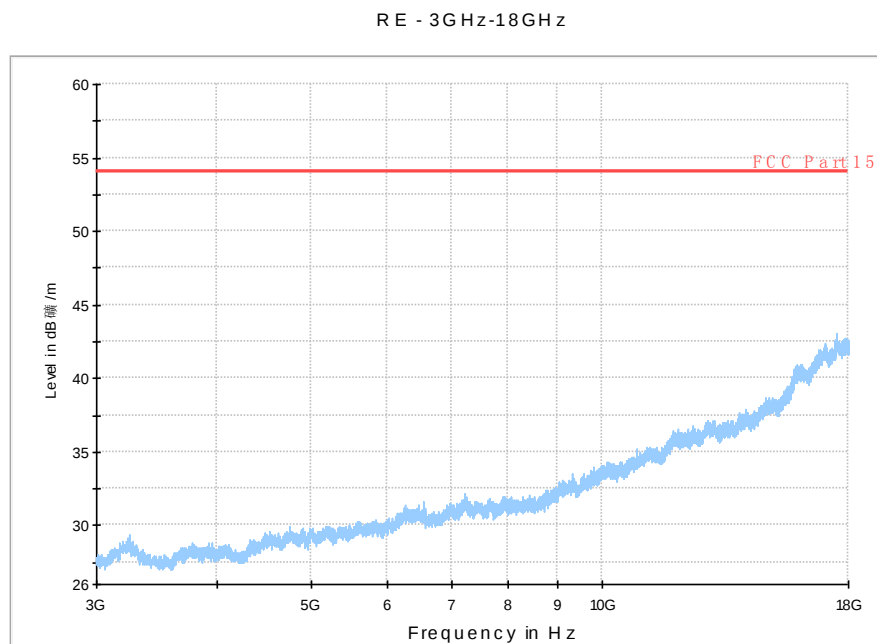


Fig. 219 Radiated Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)

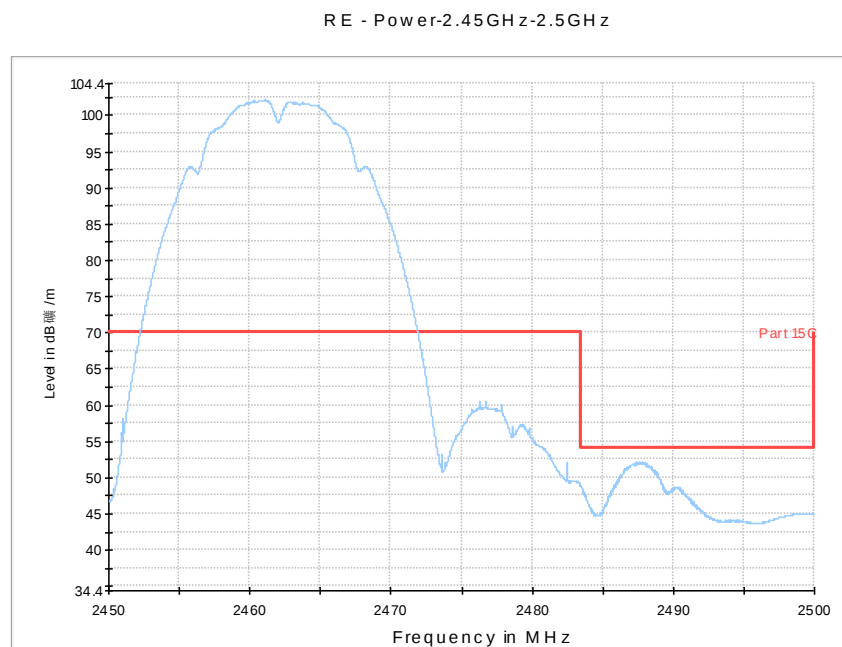


Fig. 220 Radiated Spurious Emission (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

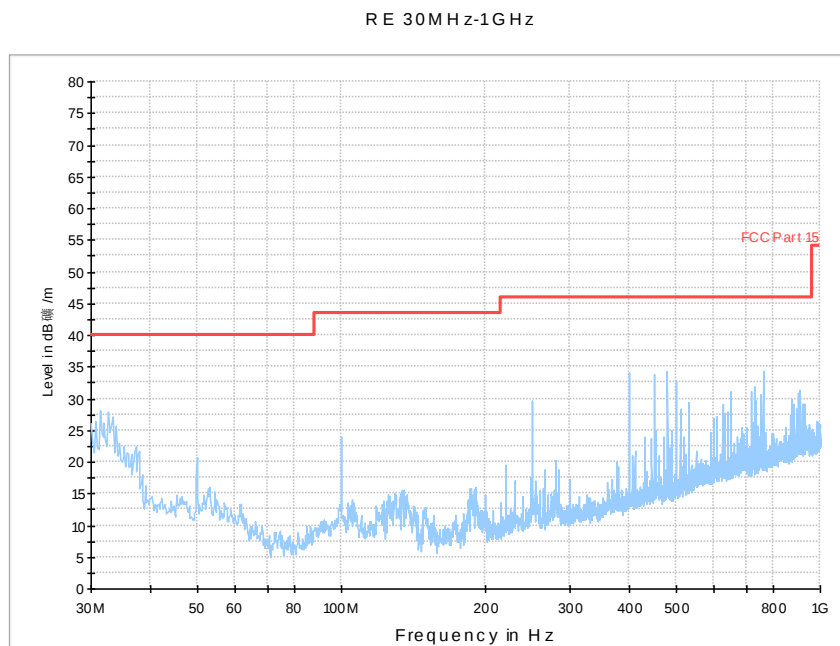


Fig. 221 Radiated Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)

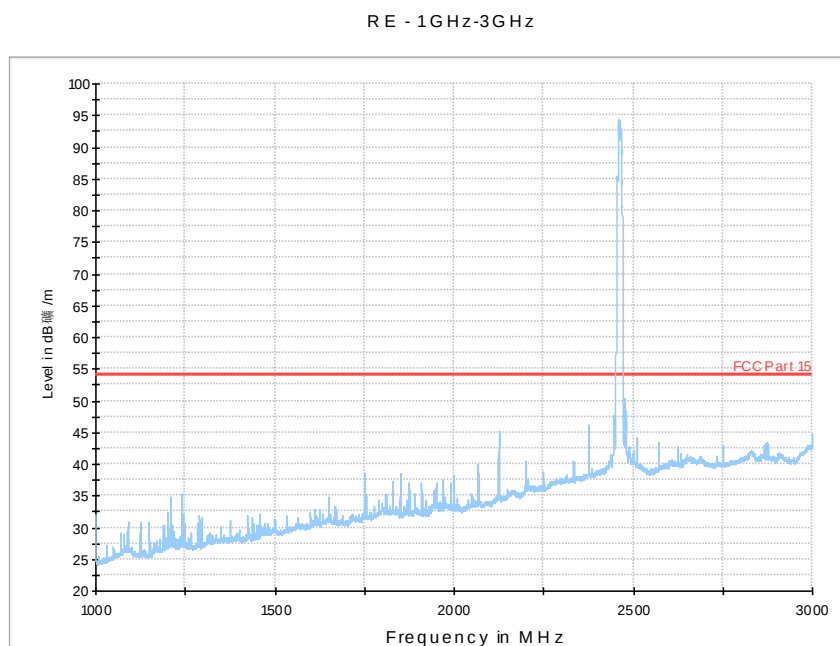


Fig. 222 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-3 GHz)

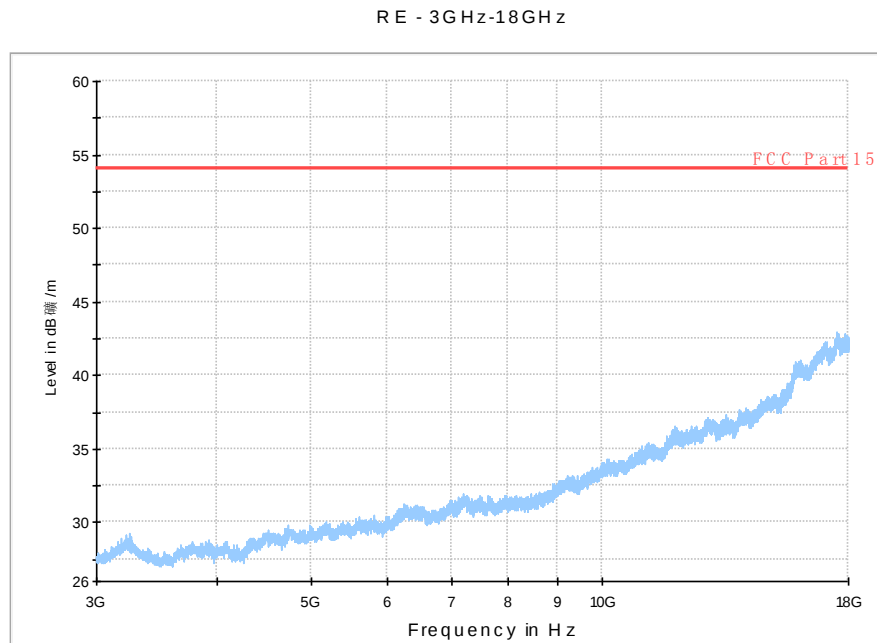


Fig. 223 Radiated Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

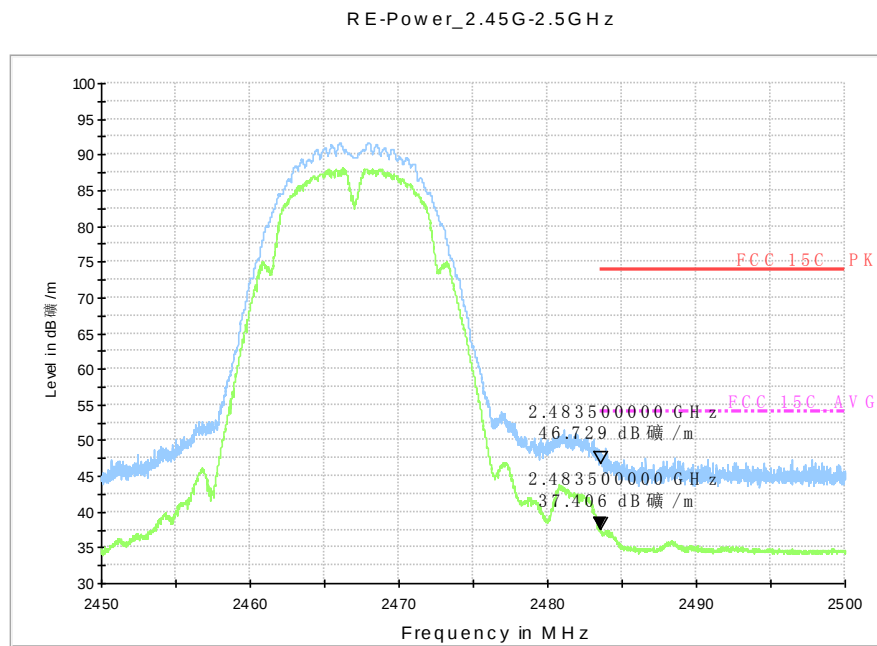


Fig. 224 Radiated Spurious Emission (Power): 802.11b, ch12, 2.45 GHz - 2.50GHz

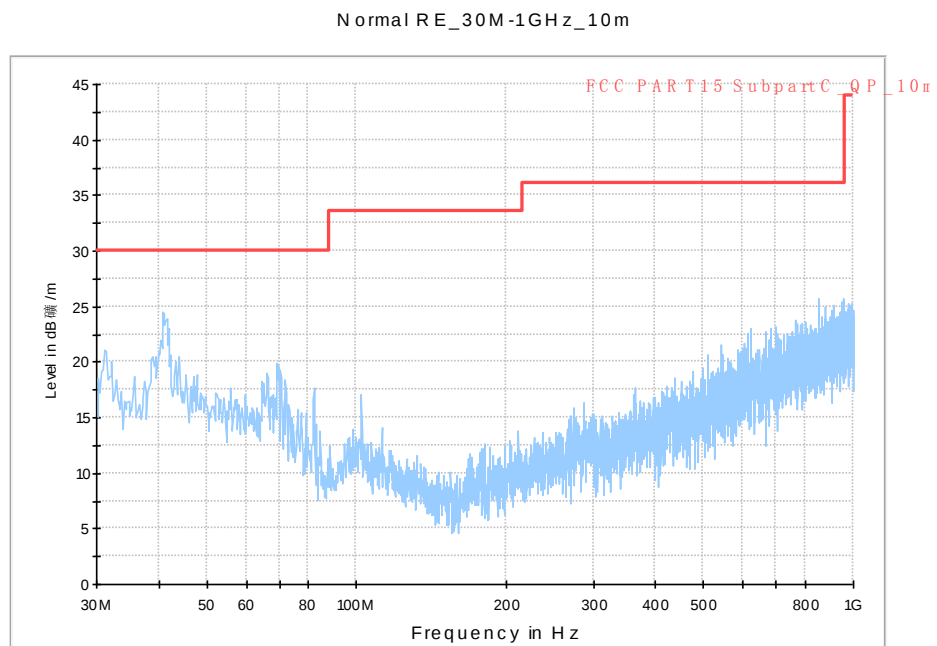


Fig. 225 Radiated Spurious Emission (802.11b, Ch12, 30 MHz-1 GHz)

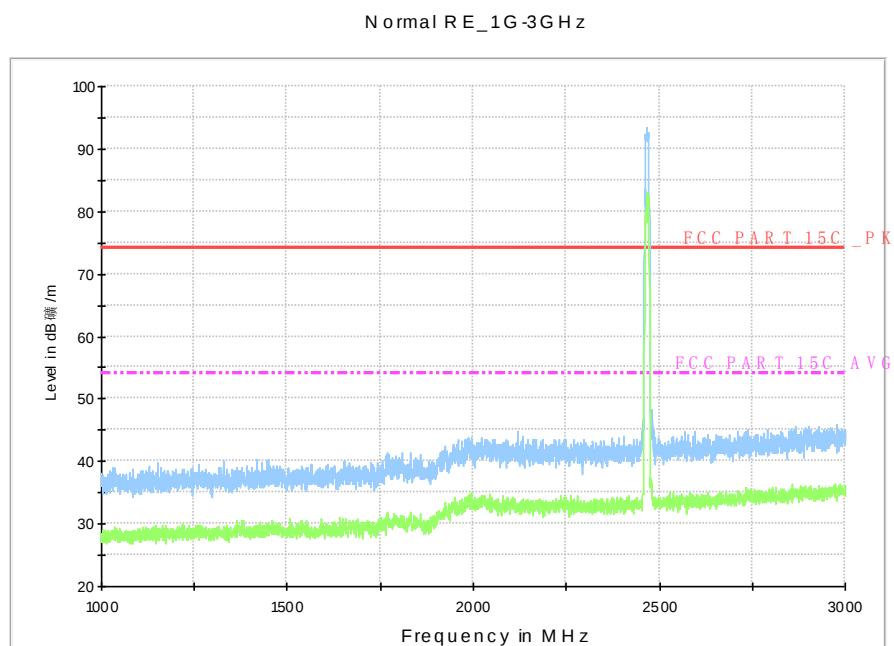


Fig. 226 Radiated Spurious Emission (802.11b, Ch12, 1 GHz-3 GHz)

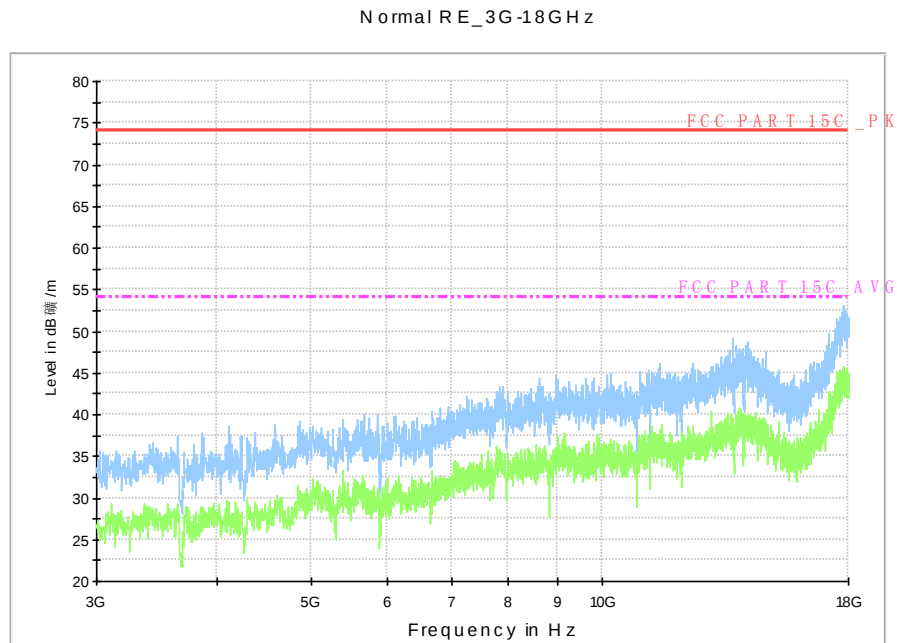


Fig. 227 Radiated Spurious Emission (802.11b, Ch12, 3 GHz-18 GHz)

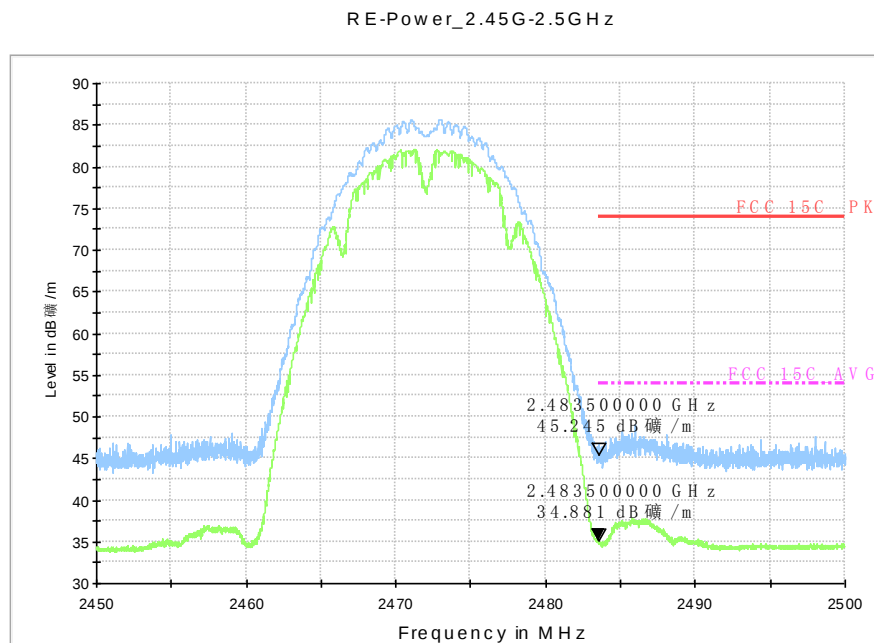


Fig. 228 Radiated Spurious Emission (Power): 802.11b, ch13, 2.45 GHz - 2.50GHz

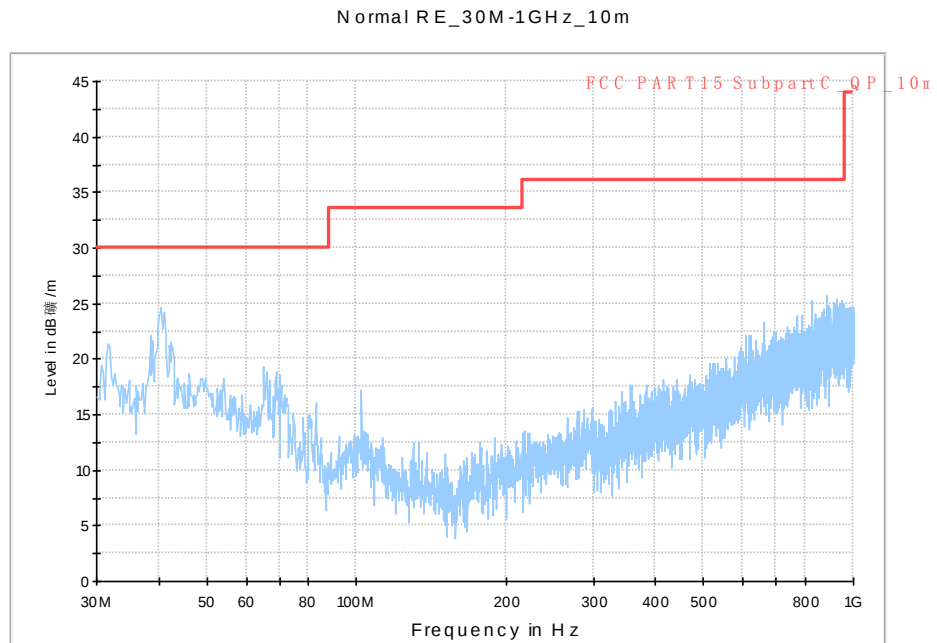


Fig. 229 Radiated Spurious Emission (802.11b, Ch13, 30 MHz-1 GHz)

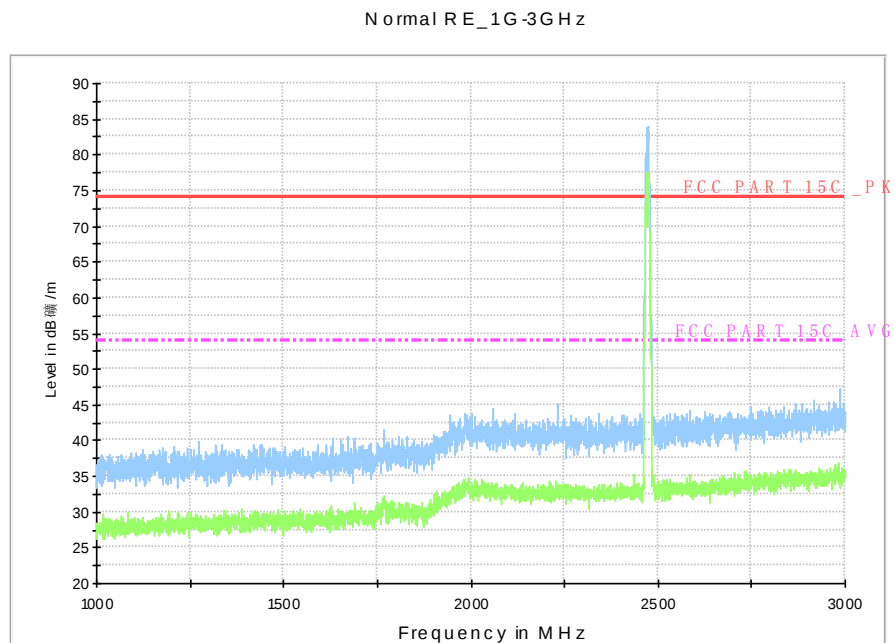


Fig. 230 Radiated Spurious Emission (802.11b, Ch13, 1 GHz-3 GHz)

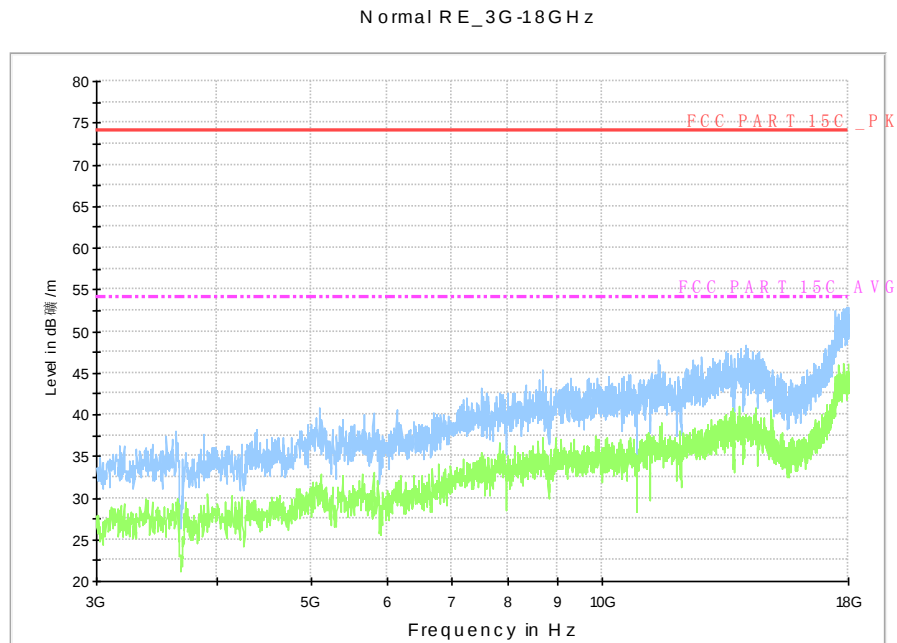


Fig. 231 Radiated Spurious Emission (802.11b, Ch13, 3 GHz-18 GHz)

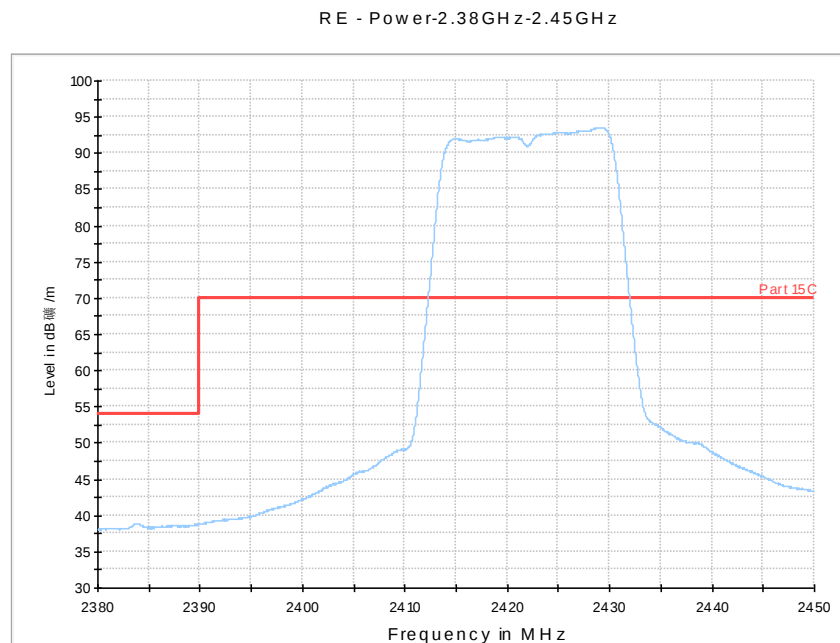


Fig. 232 Radiated Spurious Emission (Power): 802.11g, ch1, 2.38 GHz - 2.45GHz

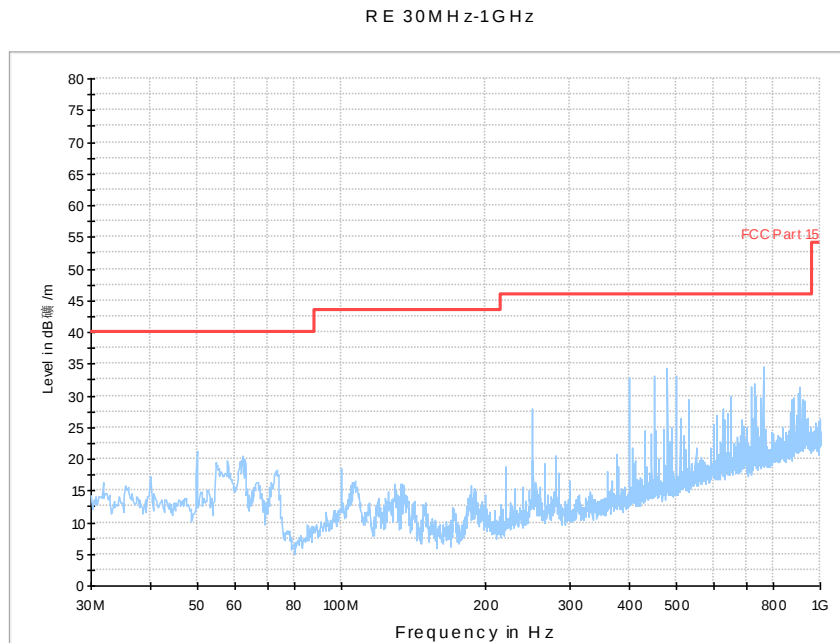


Fig. 233 Radiated Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)

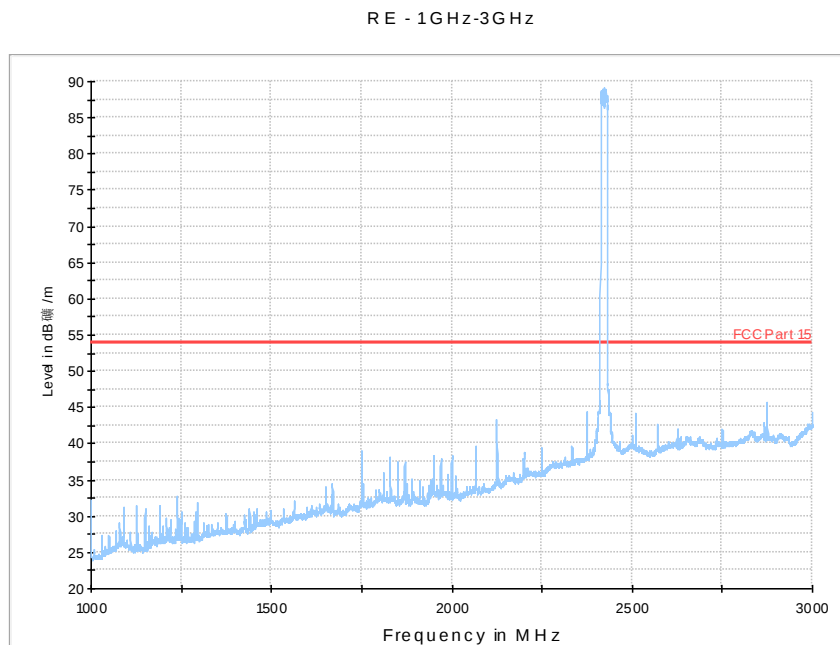


Fig. 234 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-3 GHz)

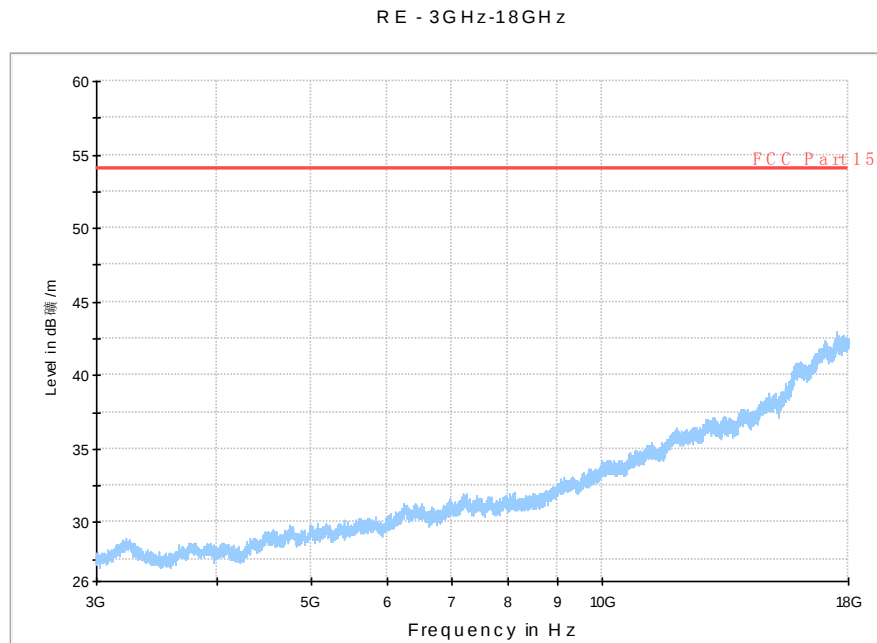


Fig. 235 Radiated Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

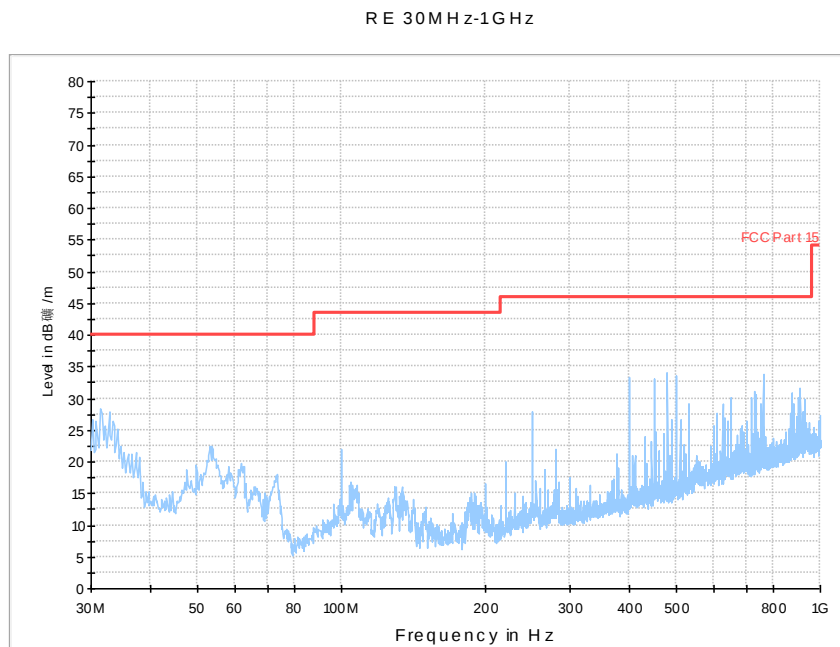


Fig. 236 Radiated Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)

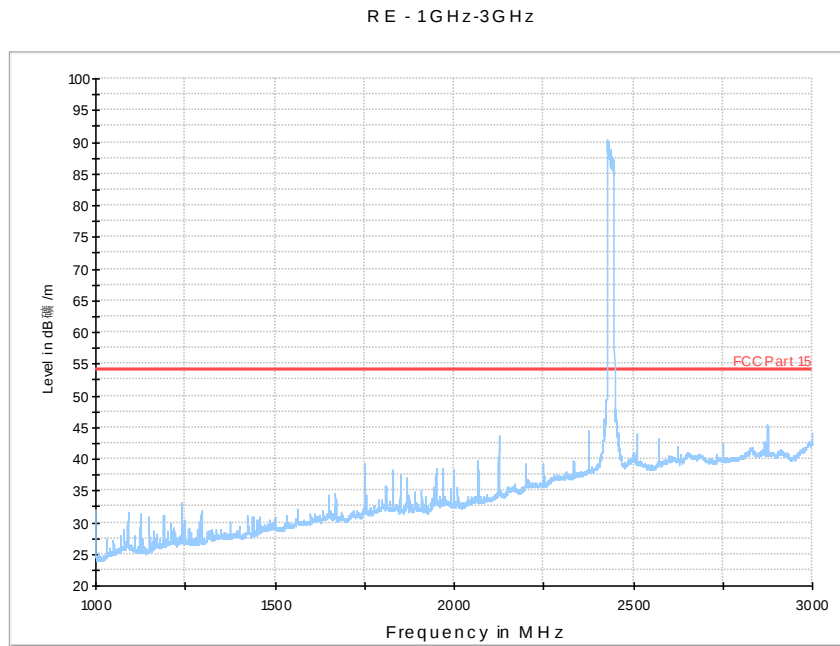


Fig. 237 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-3 GHz)

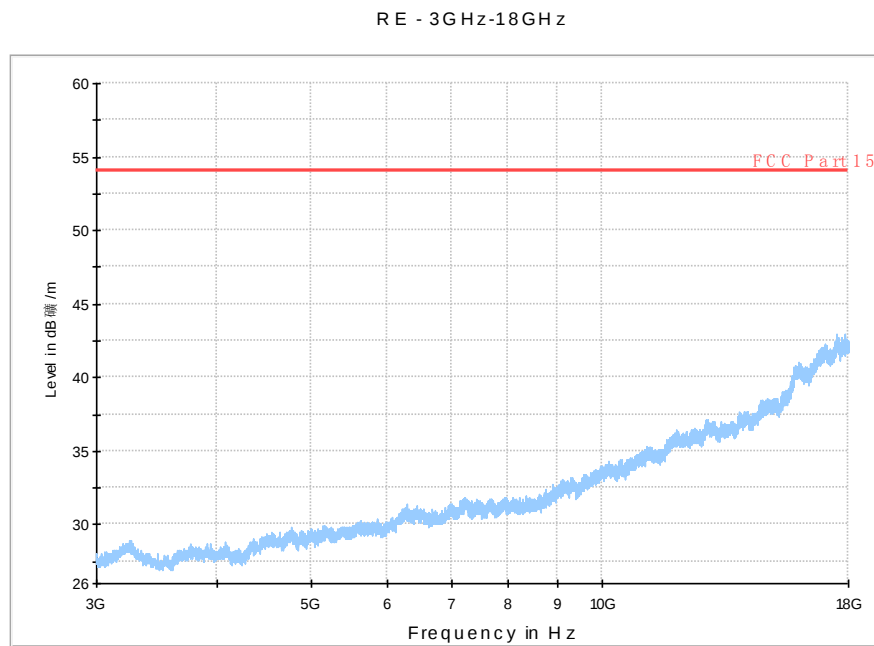


Fig. 238 Radiated Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

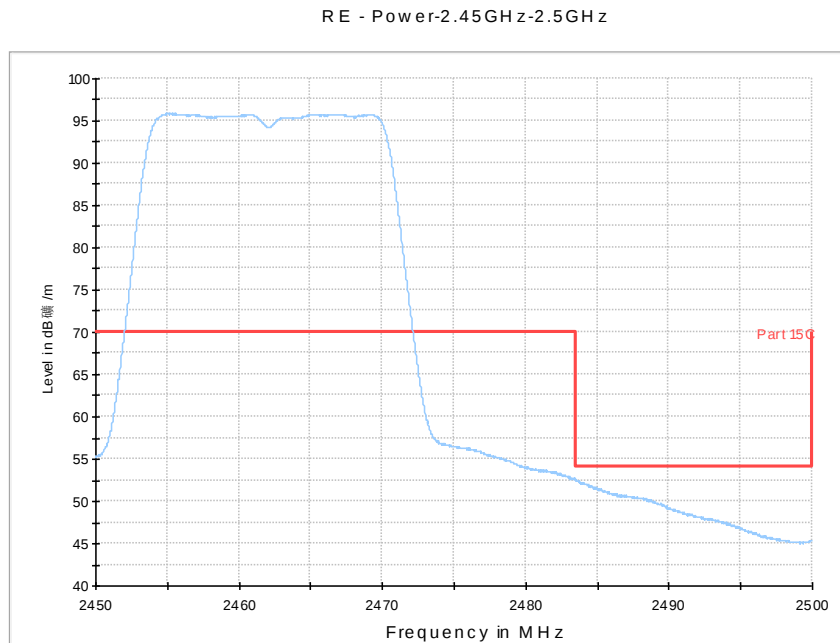


Fig. 239 Radiated Spurious Emission (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

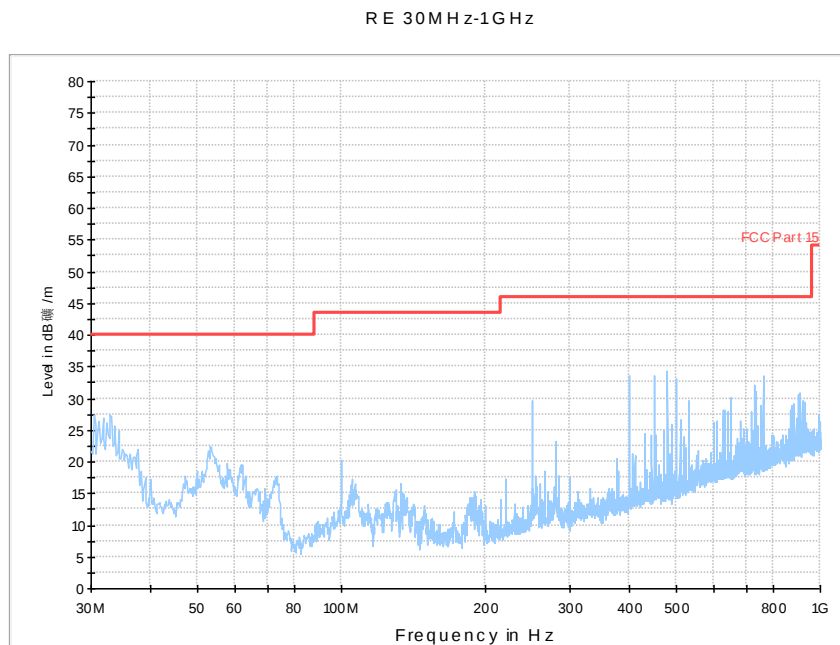


Fig. 240 Radiated Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)

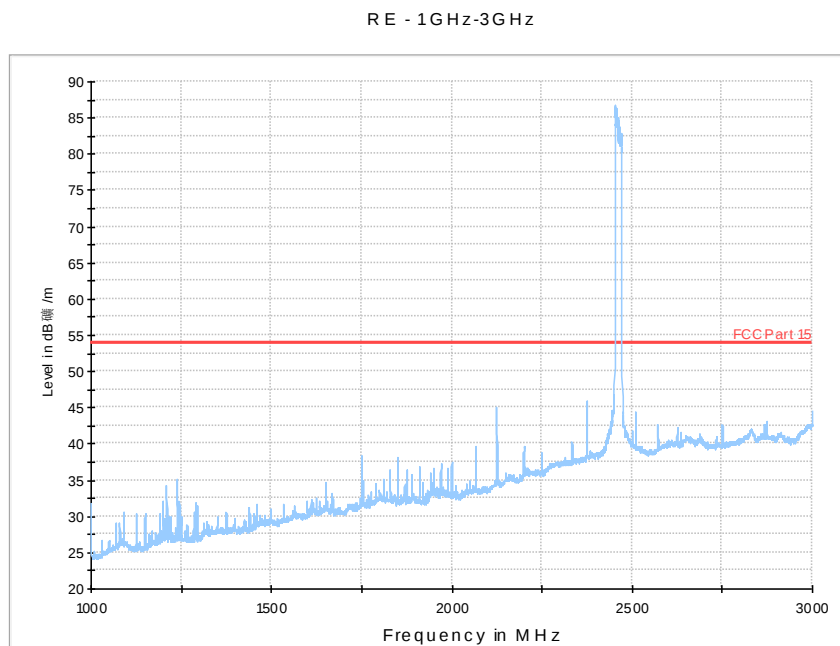


Fig. 241 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-3 GHz)

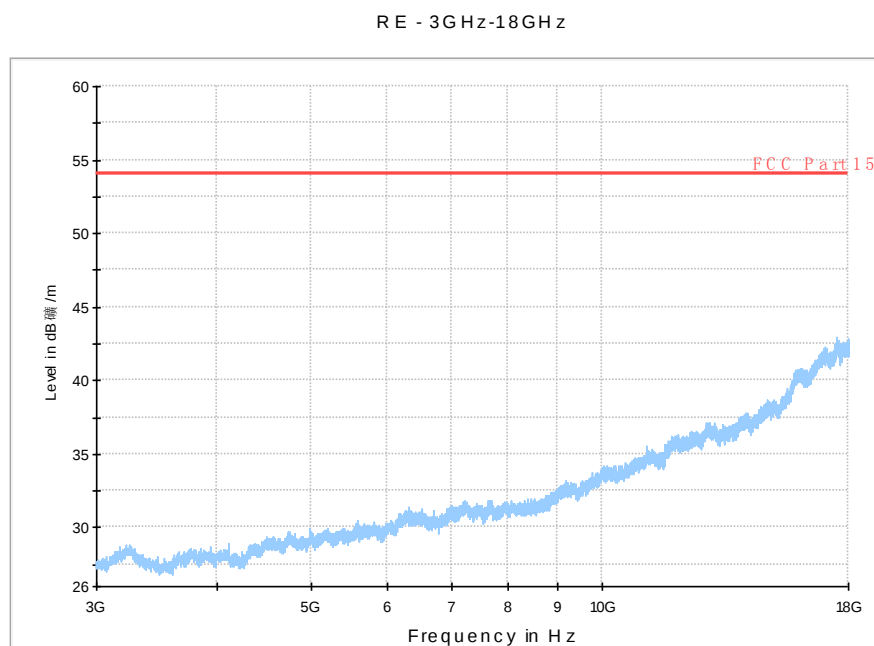


Fig. 242 Radiated Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

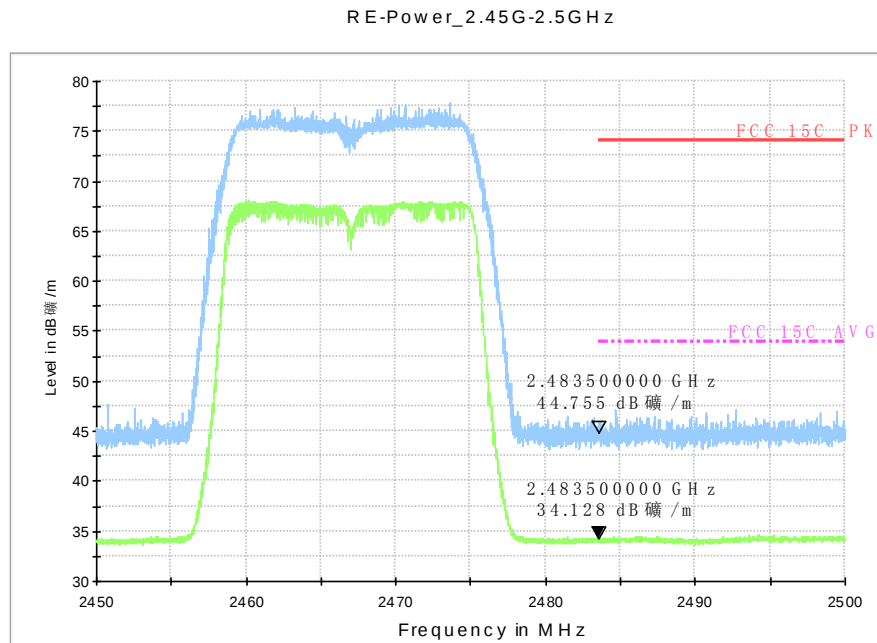


Fig. 243 Radiated Spurious Emission (Power): 802.11g, ch12, 2.45 GHz - 2.50GHz

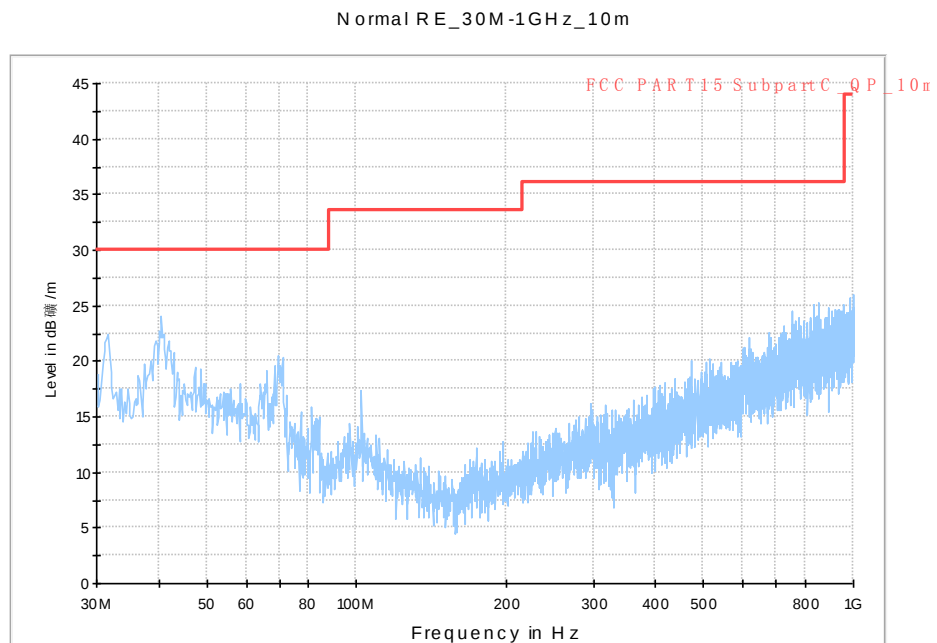


Fig. 244 Radiated Spurious Emission (802.11g, Ch12, 30 MHz-1 GHz)

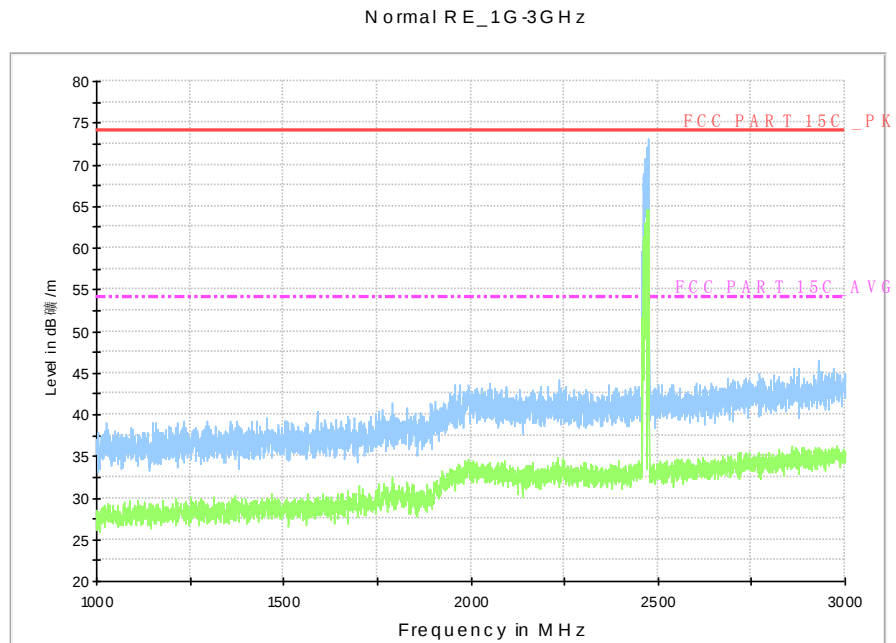


Fig. 245 Radiated Spurious Emission (802.11g, Ch12, 1 GHz-3 GHz)

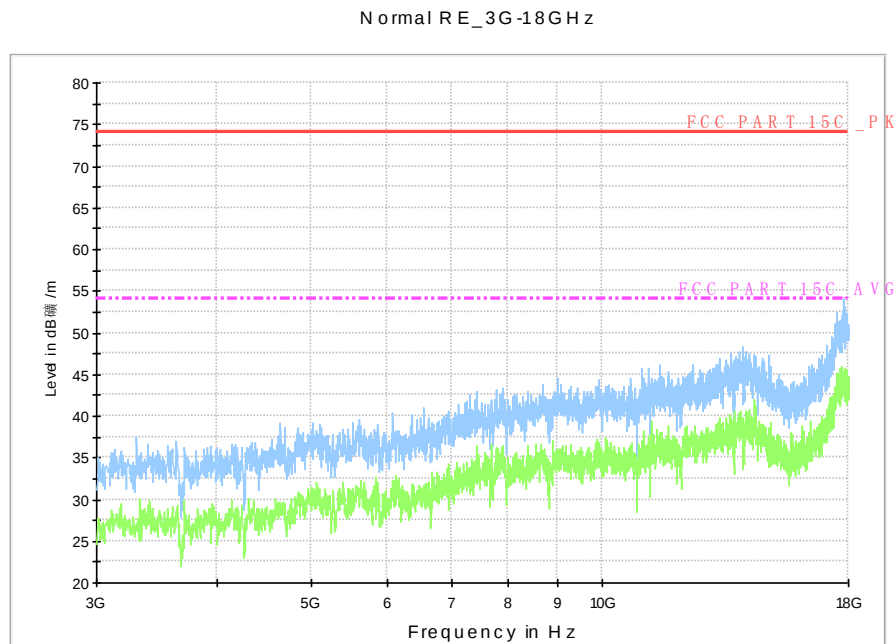


Fig. 246 Radiated Spurious Emission (802.11g, Ch12, 3 GHz-18 GHz)

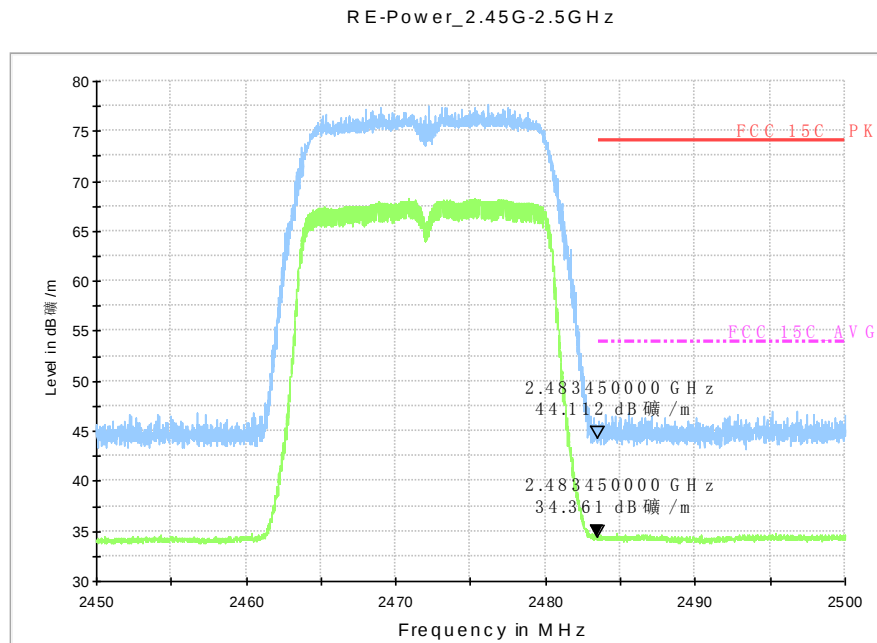


Fig. 247 Radiated Spurious Emission (Power): 802.11g, ch13, 2.45 GHz - 2.50GHz

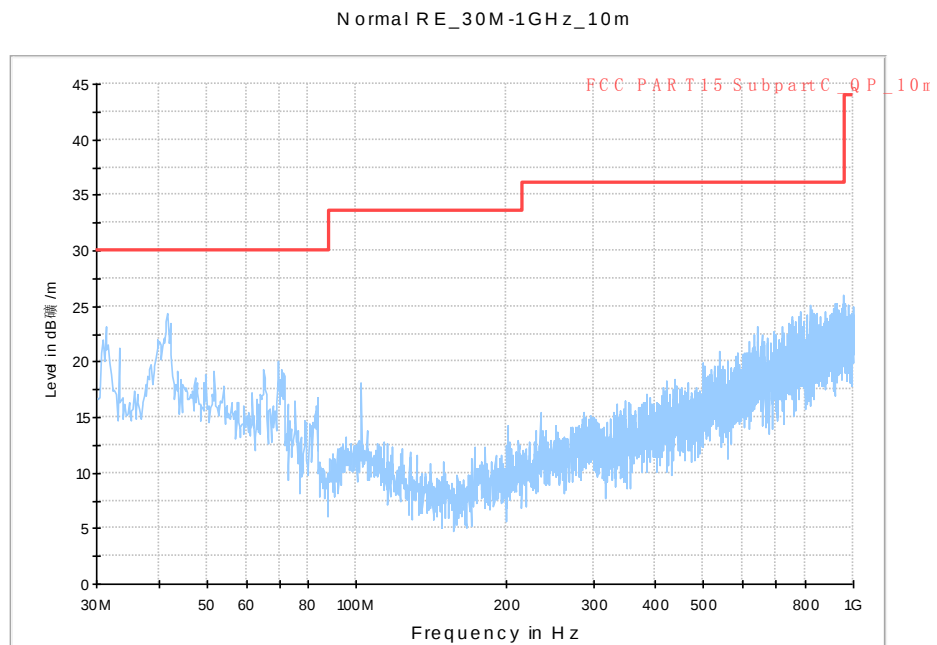


Fig. 248 Radiated Spurious Emission (802.11g, Ch13, 30 MHz-1 GHz)

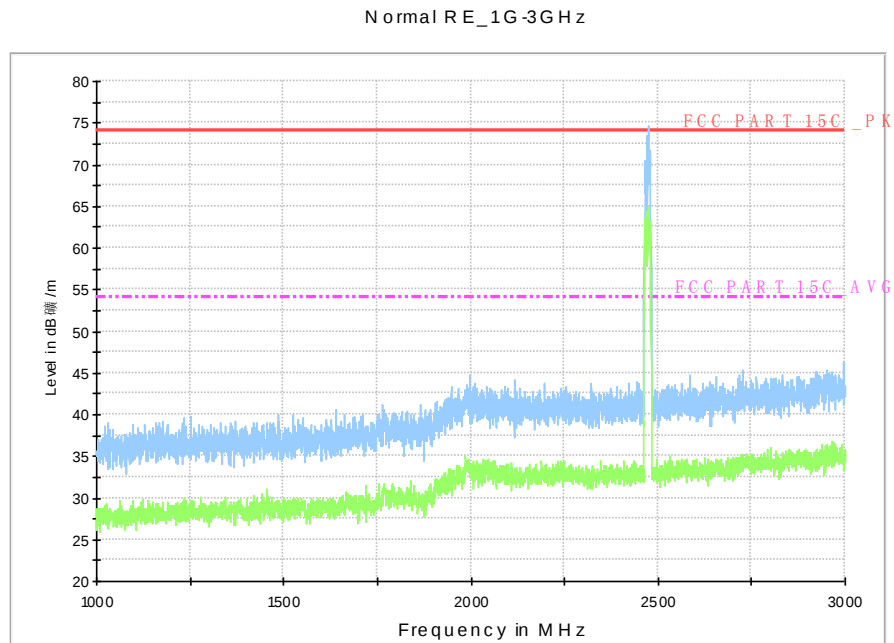


Fig. 249 Radiated Spurious Emission (802.11g, Ch13, 1 GHz-3 GHz)

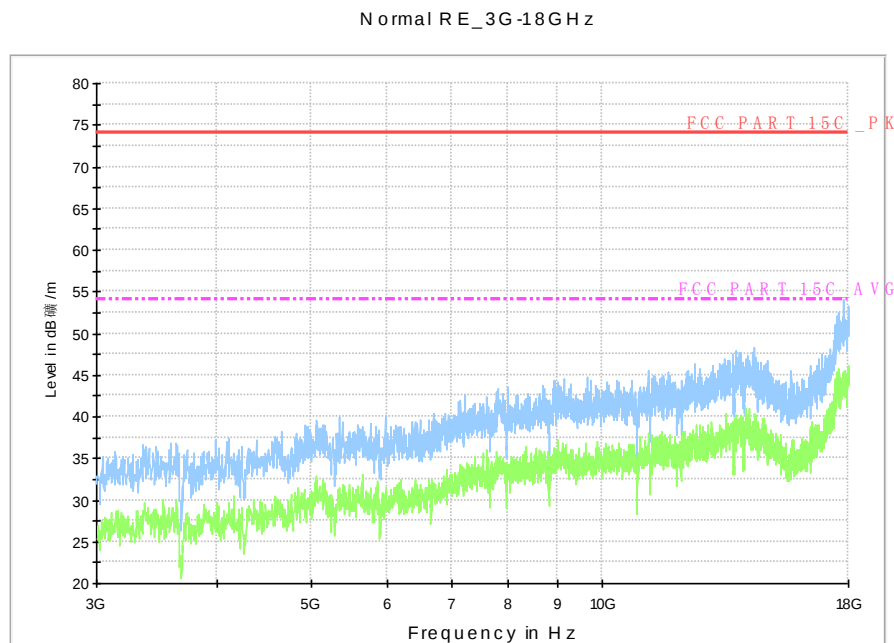


Fig. 250 Radiated Spurious Emission (802.11g, Ch13, 3 GHz-18 GHz)

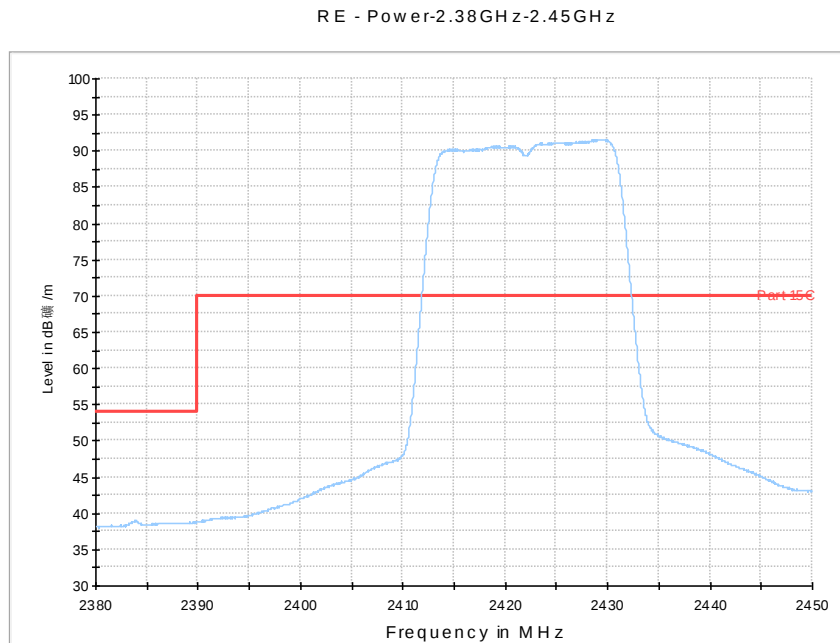


Fig. 251 Radiated Spurious Emission (Power): 802.11n-20MHz, ch1, 2.38 GHz - 2.45GHz

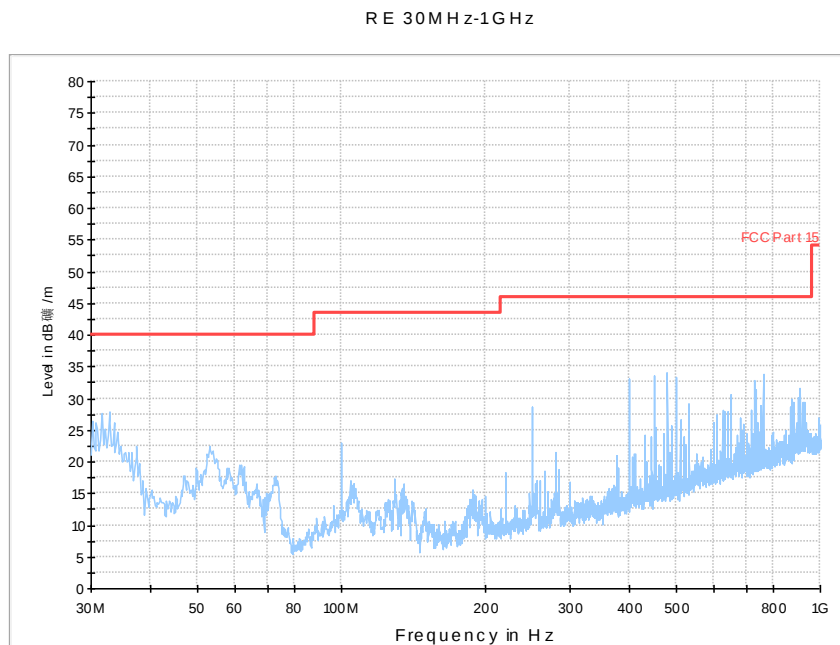


Fig. 252 Radiated Spurious Emission (802.11n-20MHz, Ch1, 30 MHz-1 GHz)

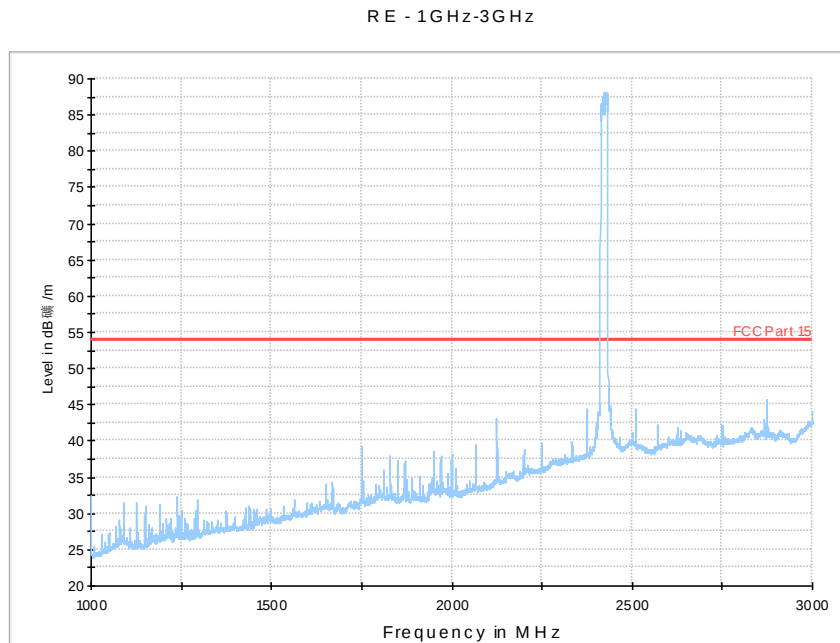


Fig. 253 Radiated Spurious Emission (802.11n-20MHz, Ch1, 1 GHz-3 GHz)

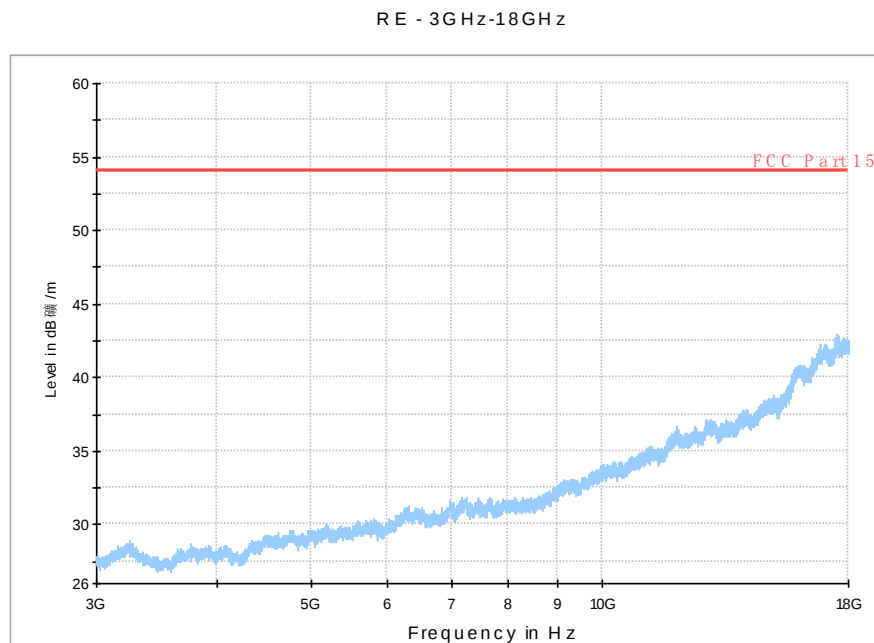


Fig. 254 Radiated Spurious Emission (802.11n-20MHz, Ch1, 3 GHz-18 GHz)

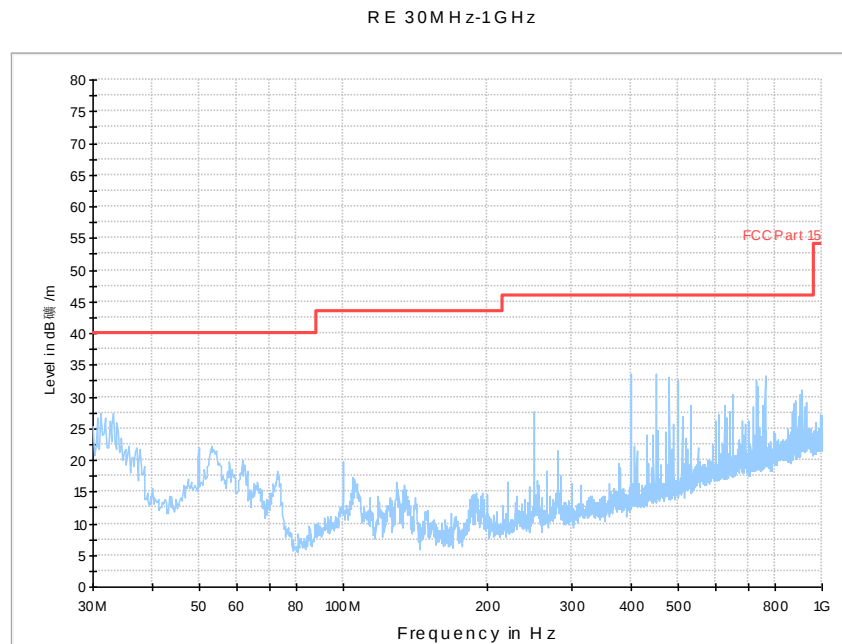


Fig. 255 Radiated Spurious Emission (802.11n-20MHz, Ch6, 30 MHz-1 GHz)

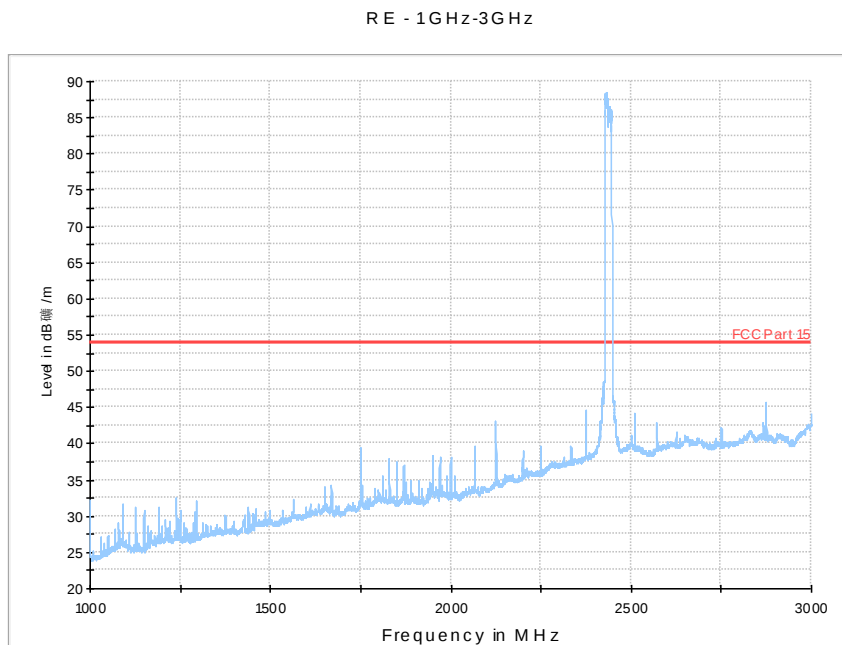


Fig. 256 Radiated Spurious Emission (802.11n-20MHz, Ch6, 1 GHz-3 GHz)

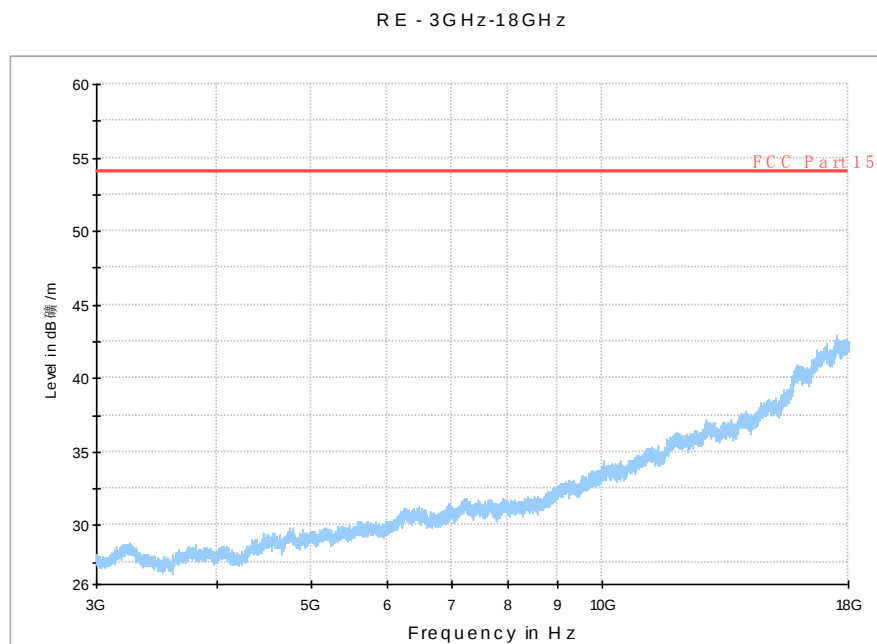


Fig. 257 Radiated Spurious Emission (802.11n-20MHz, Ch6, 3 GHz-18 GHz)

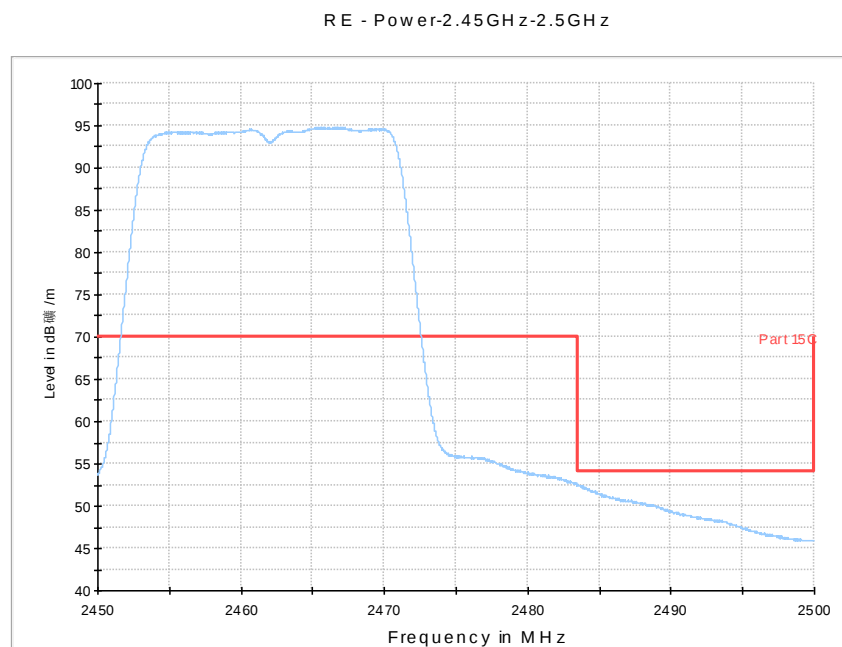


Fig. 258 Radiated Spurious Emission (Power): 802.11n-20MHz, ch11, 2.45 GHz - 2.50GHz

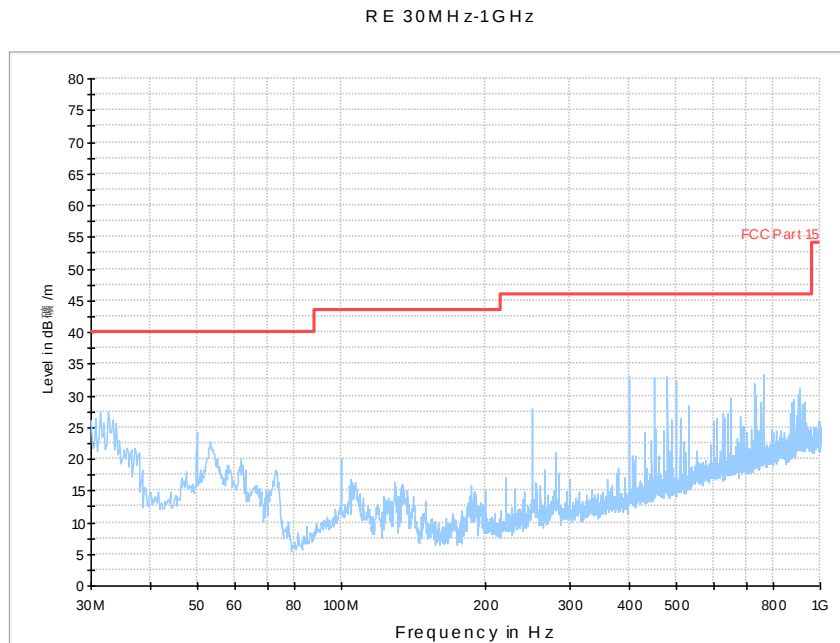


Fig. 259 Radiated Spurious Emission (802.11n-20MHz, Ch11, 30 MHz-1 GHz)

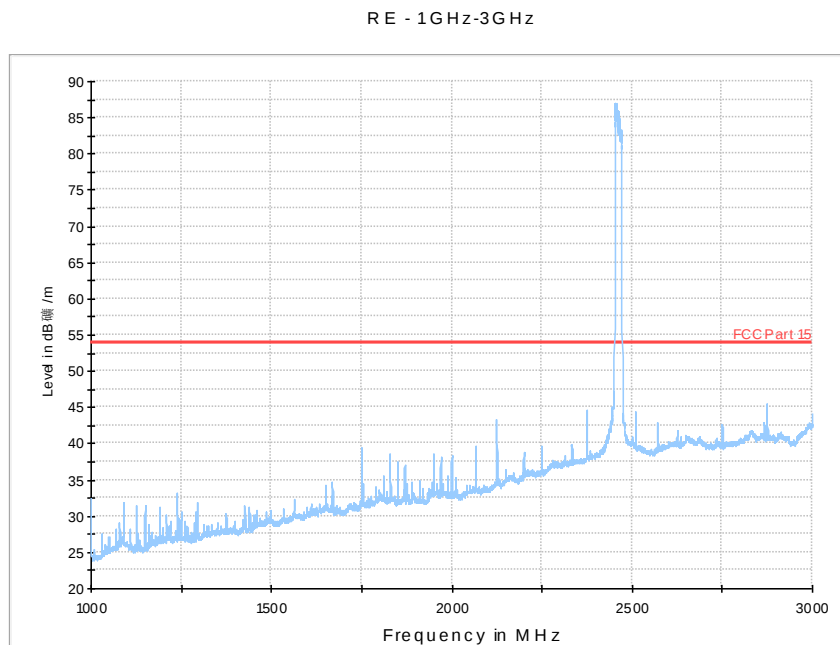


Fig. 260 Radiated Spurious Emission (802.11n-20MHz, Ch11, 1 GHz-3 GHz)

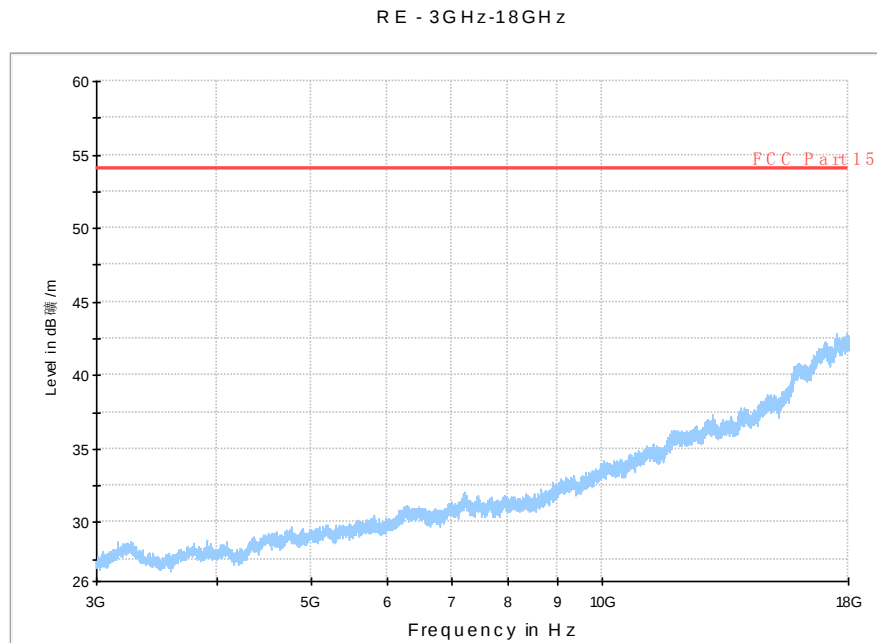


Fig. 261 Radiated Spurious Emission (802.11n-20MHz, Ch11, 3 GHz-18 GHz)

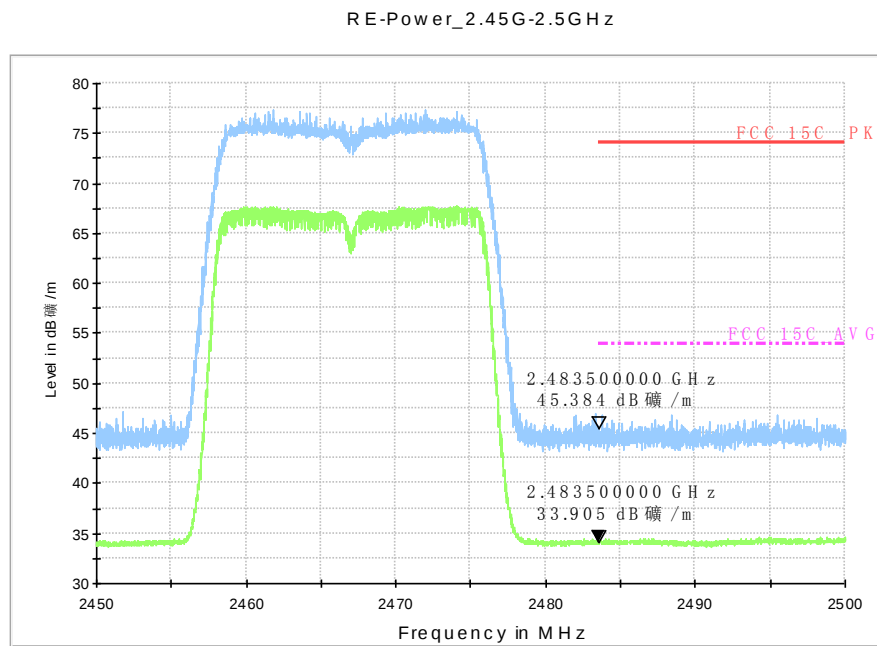


Fig. 262 Radiated Spurious Emission (Power): 802.11n-20MHz, ch12, 2.45 GHz - 2.50GHz

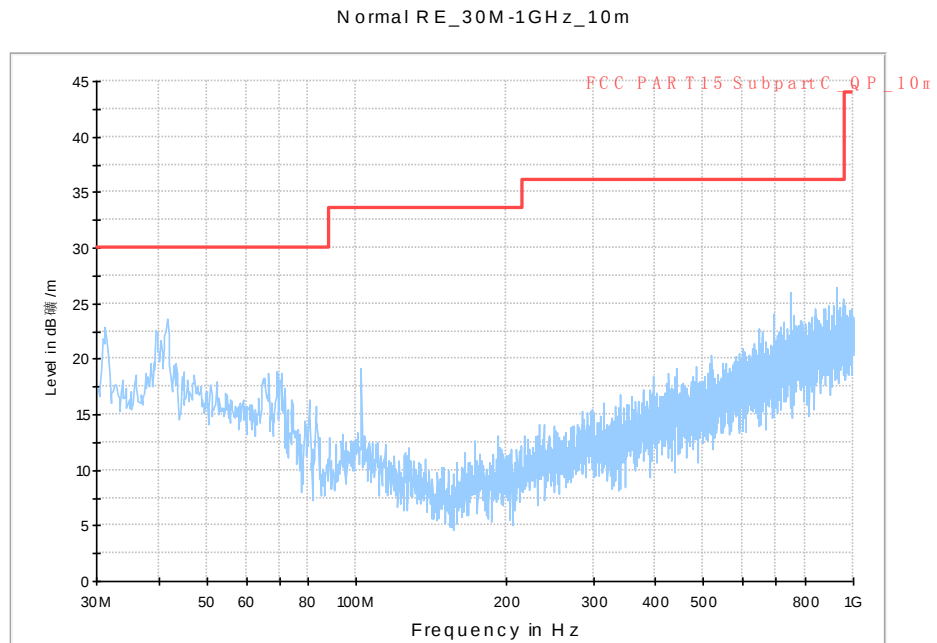


Fig. 263 Radiated Spurious Emission (802.11n-20MHz, Ch12, 30 MHz-1 GHz)

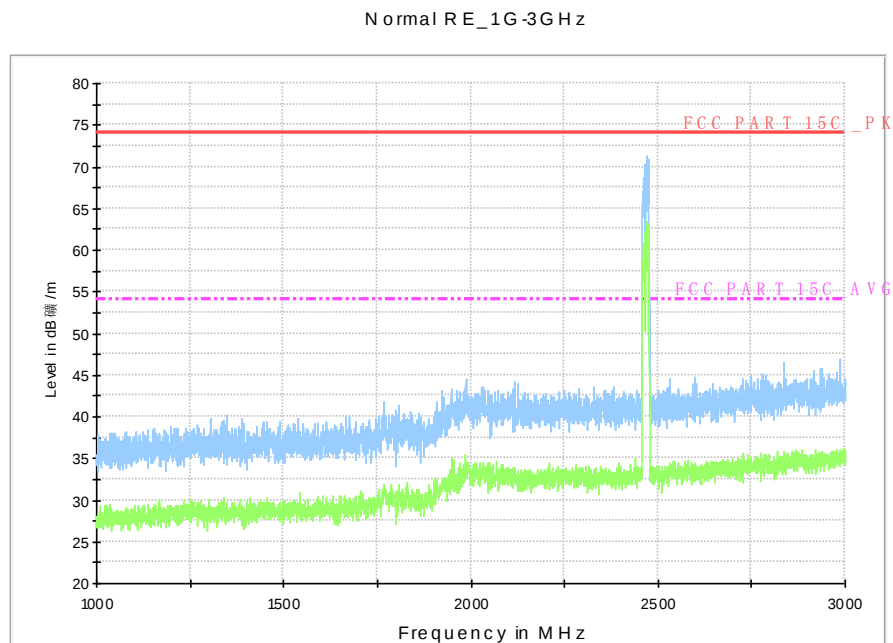


Fig. 264 Radiated Spurious Emission (802.11n-20MHz, Ch12, 1 GHz-3 GHz)

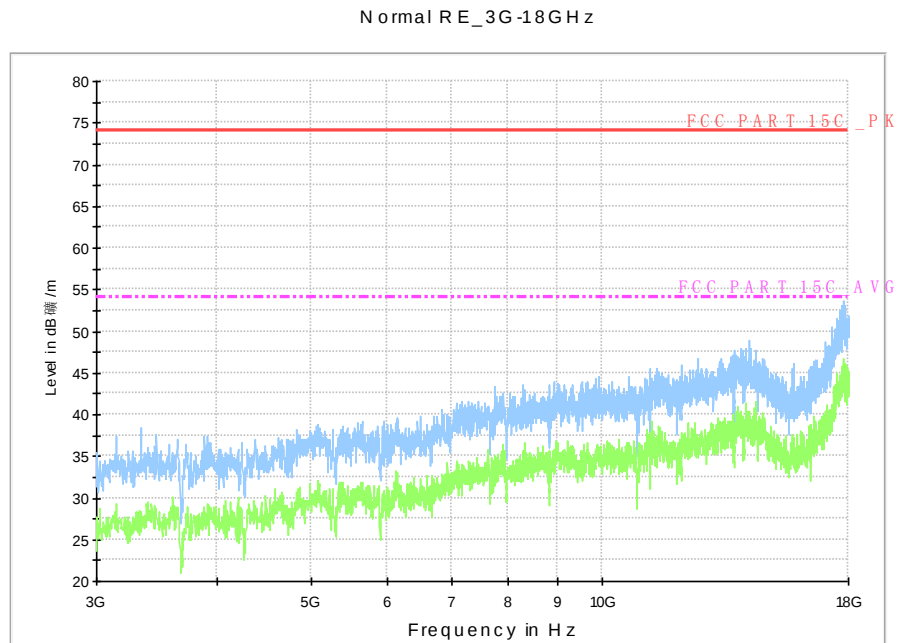


Fig. 265 Radiated Spurious Emission (802.11n-20MHz, Ch12, 3 GHz-18 GHz)

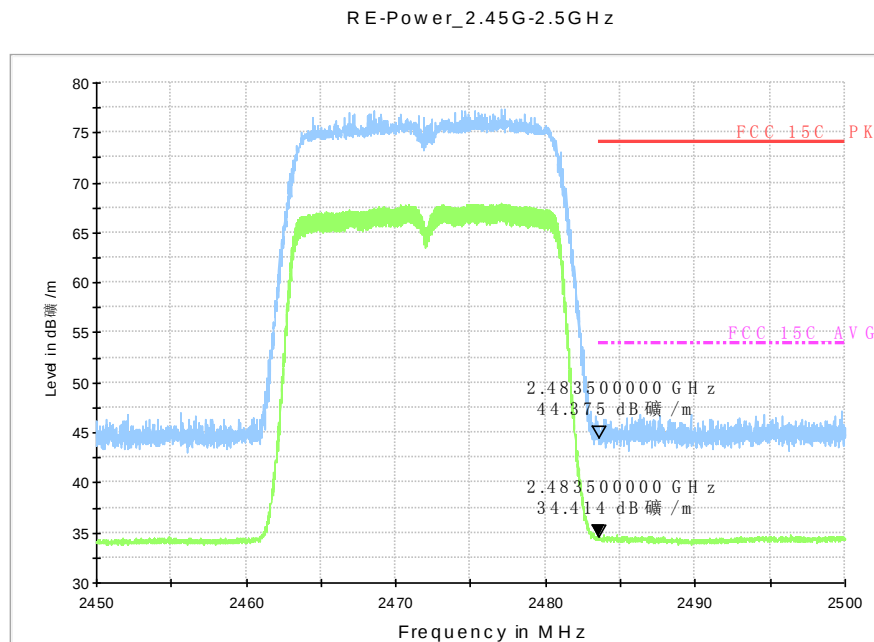


Fig. 266 Radiated Spurious Emission (Power): 802.11n-20MHz, ch13, 2.45 GHz - 2.50GHz

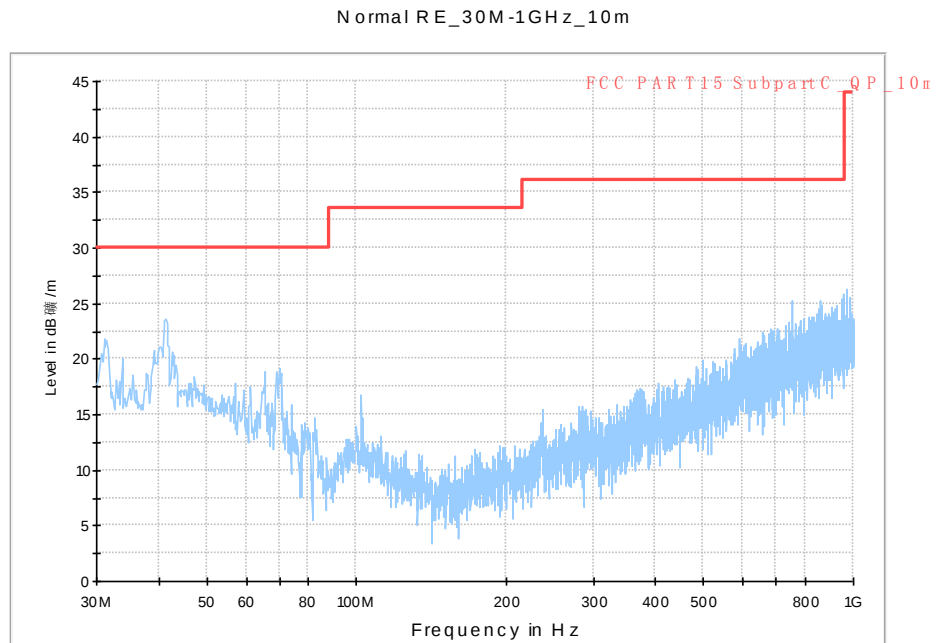


Fig. 267 Radiated Spurious Emission (802.11n-20MHz, Ch13, 30 MHz-1 GHz)

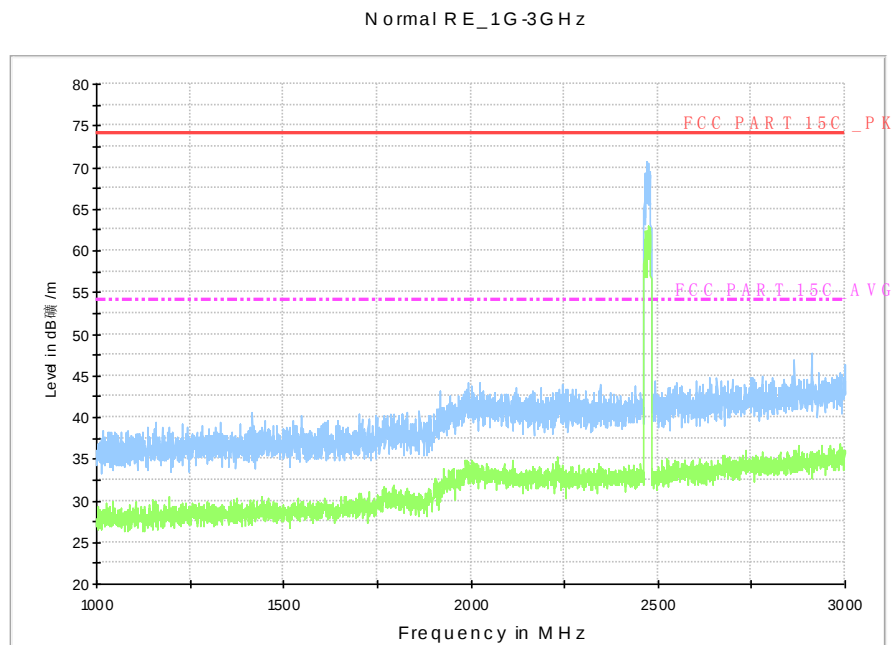


Fig. 268 Radiated Spurious Emission (802.11n-20MHz, Ch13, 1 GHz-3 GHz)

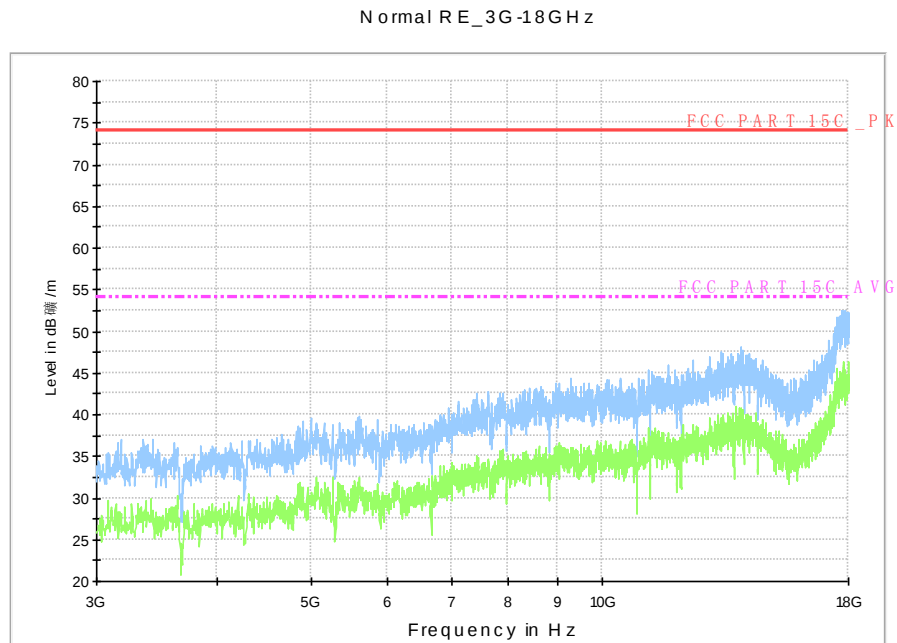


Fig. 269 Radiated Spurious Emission (802.11n-20MHz, Ch13, 3 GHz-18 GHz)

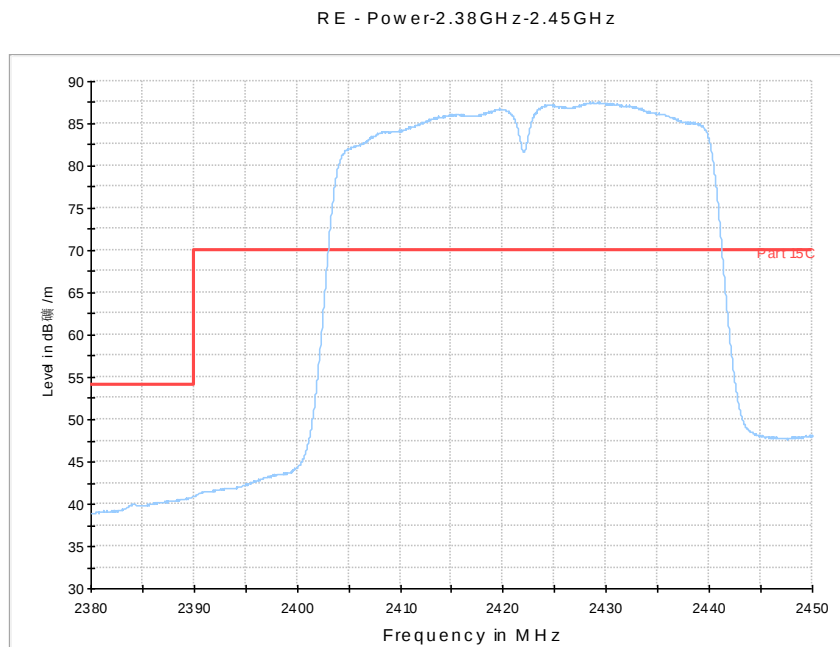


Fig. 270 Radiated Spurious Emission (Power): 802.11n-40MHz, ch3, 2.38 GHz - 2.45GHz

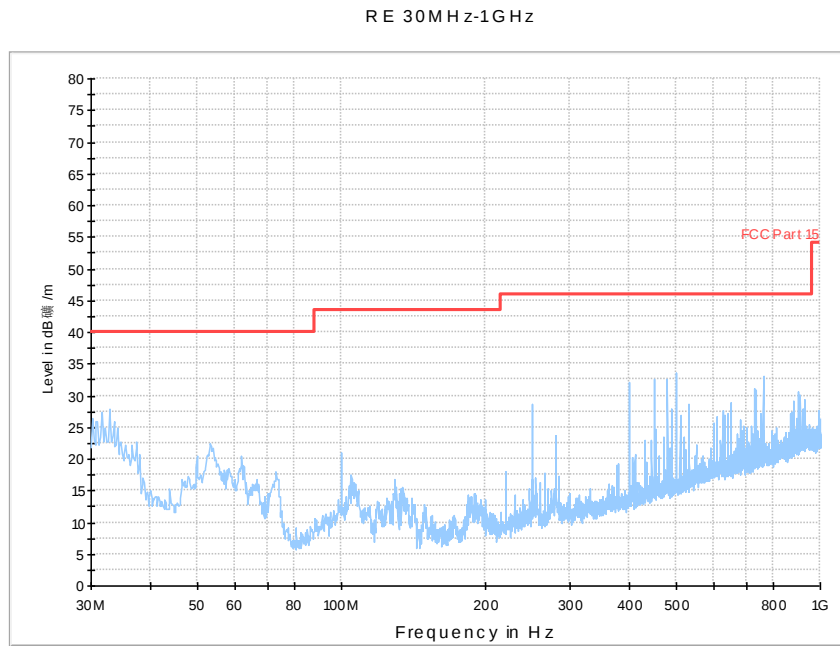


Fig. 271 Radiated Spurious Emission (802.11n-40MHz, Ch3, 30 MHz-1 GHz)

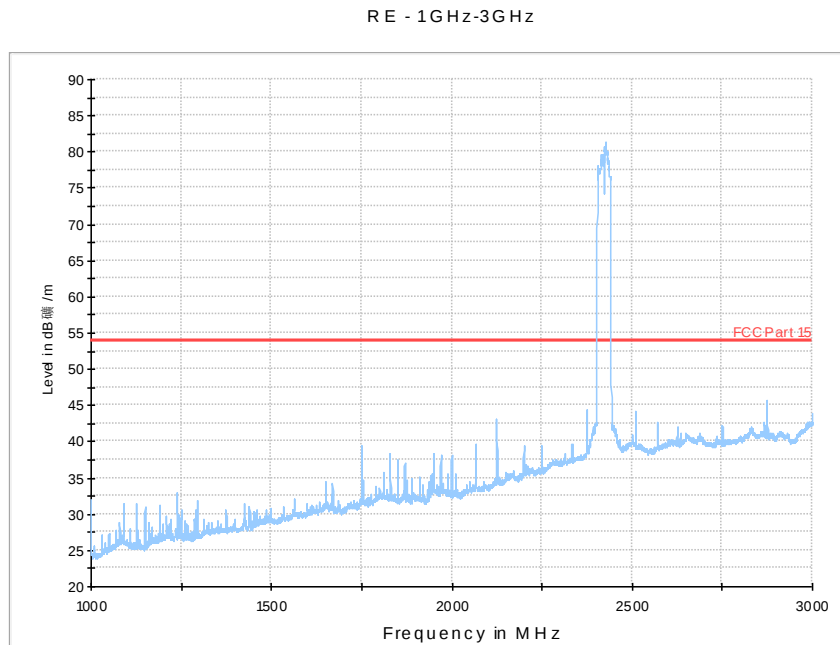


Fig. 272 Radiated Spurious Emission (802.11n-40MHz, Ch3, 1 GHz-3 GHz)

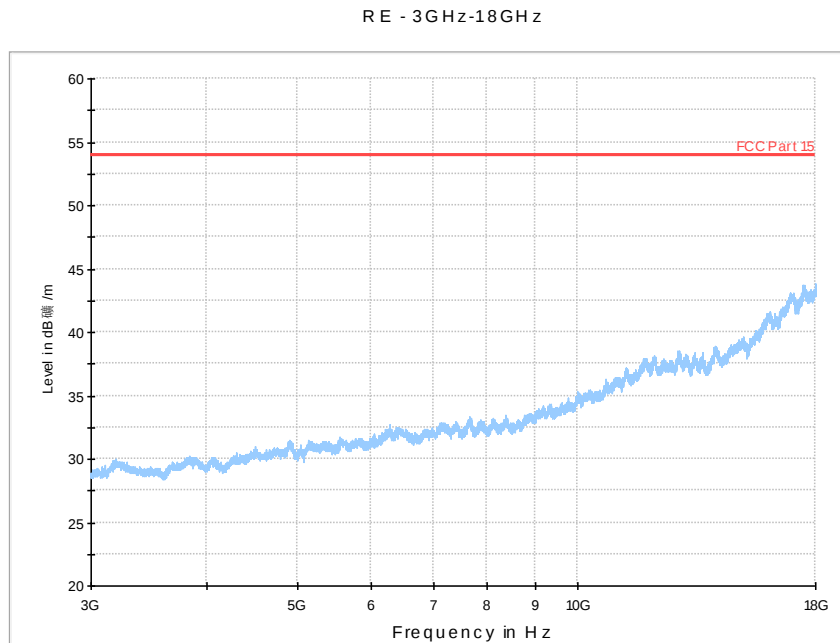


Fig. 273 Radiated Spurious Emission (802.11n-40MHz, Ch3, 3 GHz-18 GHz)

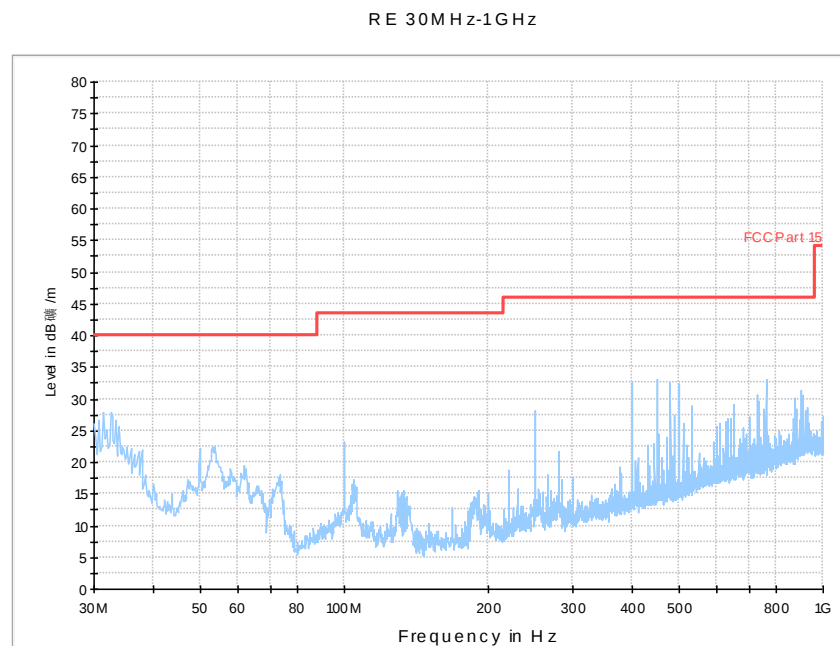


Fig. 274 Radiated Spurious Emission (802.11n-40MHz, Ch6, 30 MHz-1 GHz)

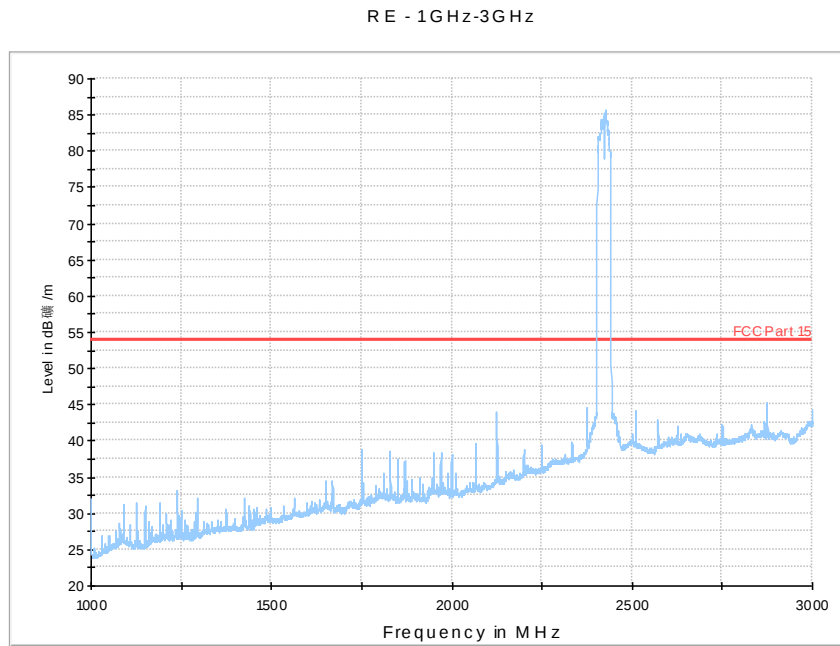


Fig. 275 Radiated Spurious Emission (802.11n-40MHz, Ch6, 1 GHz-3 GHz)

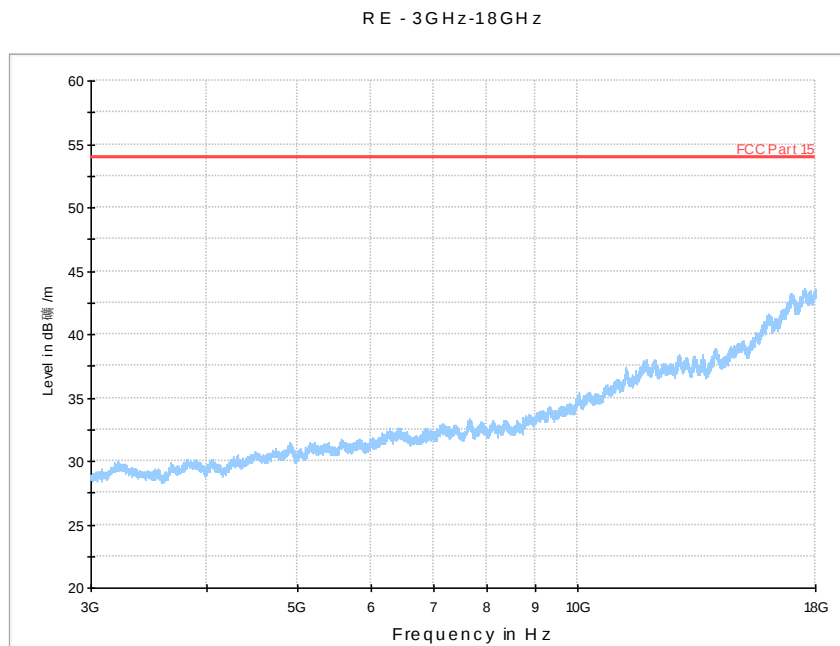


Fig. 276 Radiated Spurious Emission (802.11n-40MHz, Ch6, 3 GHz-18 GHz)

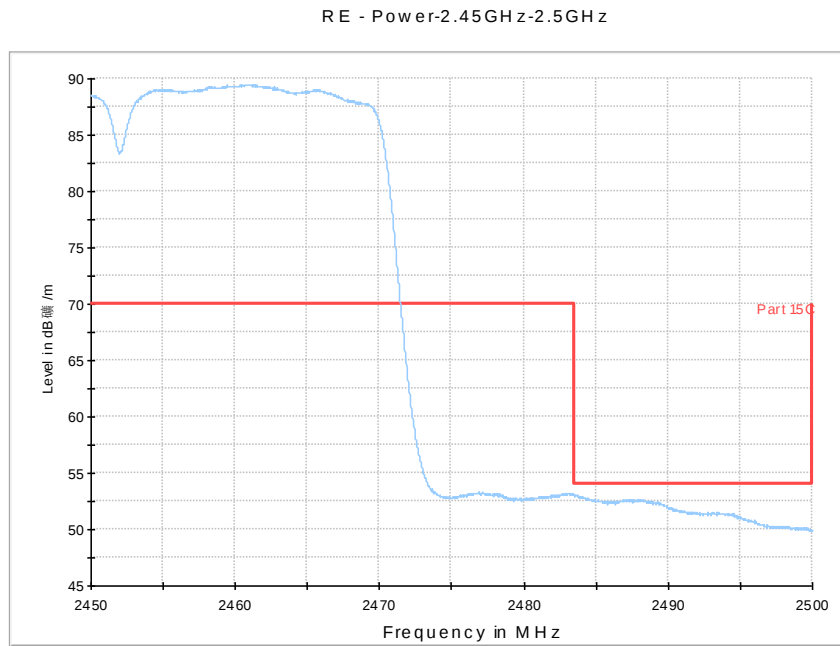


Fig. 277 Radiated Spurious Emission (Power): 802.11n-40MHz, ch9, 2.45 GHz - 2.50GHz

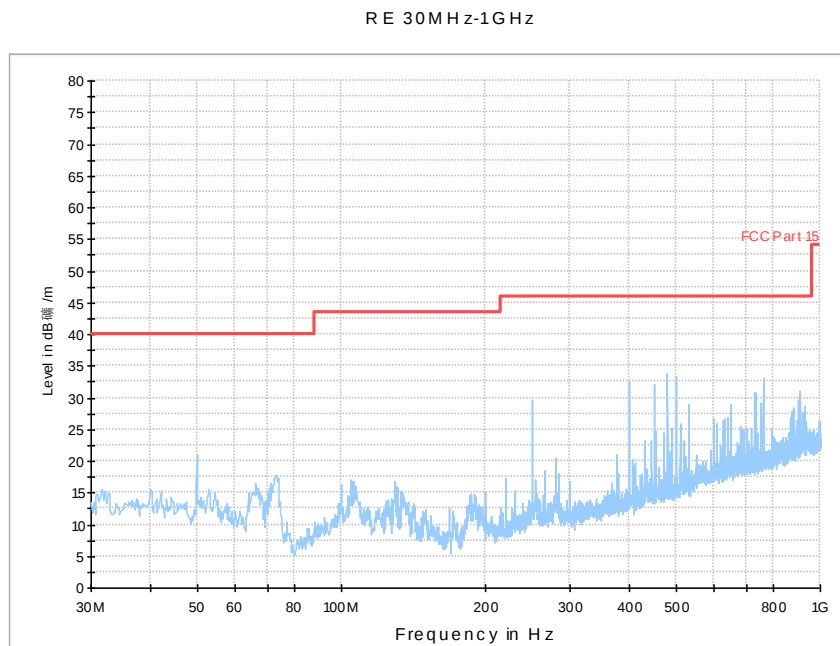


Fig. 278 Radiated Spurious Emission (802.11n-40MHz, Ch9, 30 MHz-1 GHz)

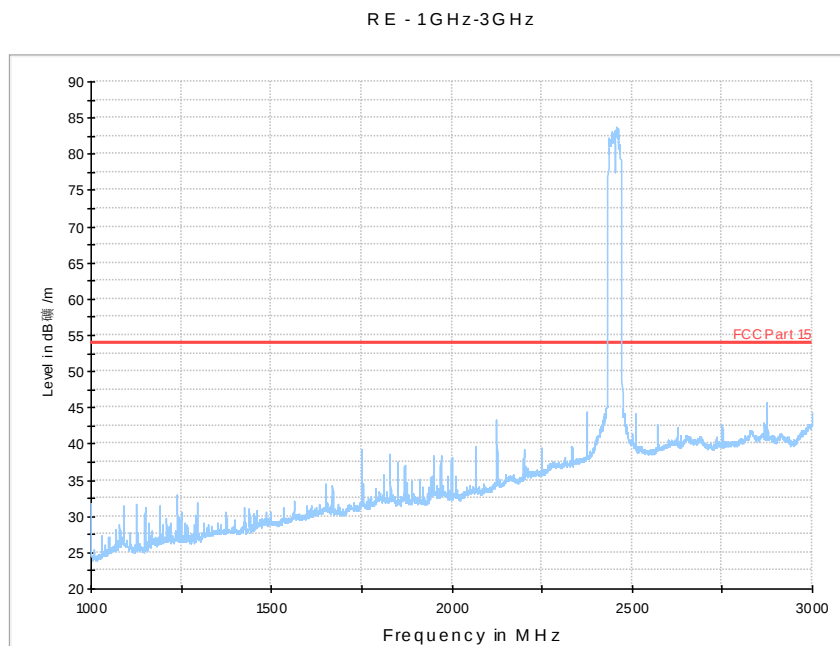


Fig. 279 Radiated Spurious Emission (802.11n-40MHz, Ch9, 1 GHz-3 GHz)

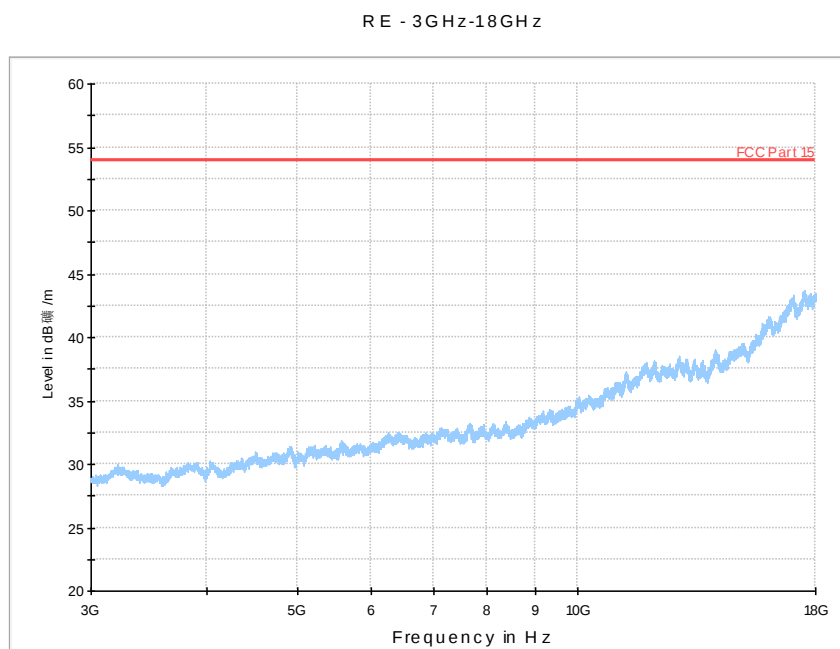


Fig. 280 Radiated Spurious Emission (802.11n-40MHz, Ch9, 3 GHz-18 GHz)

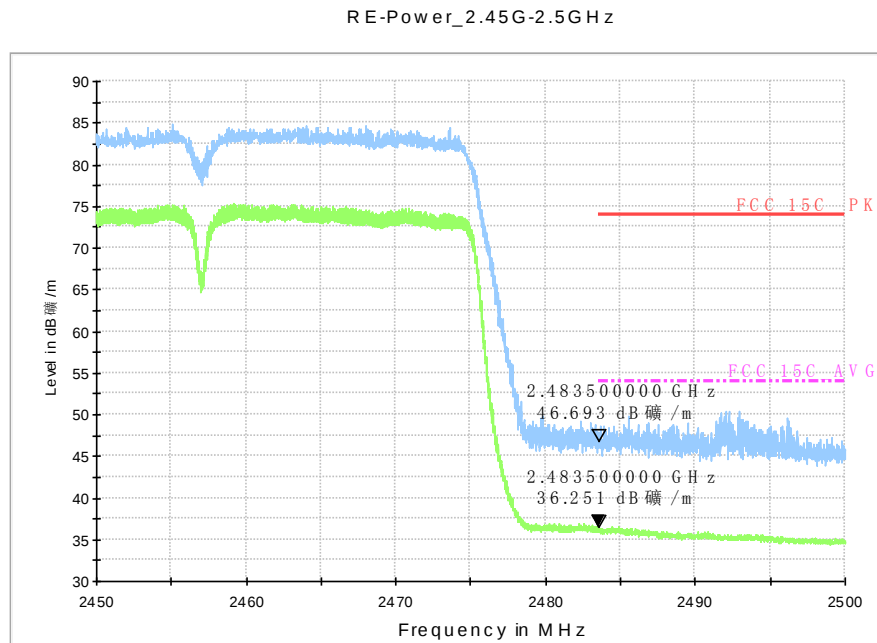


Fig. 281 Radiated Spurious Emission (Power): 802.11n-40MHz, ch10, 2.45 GHz - 2.50GHz

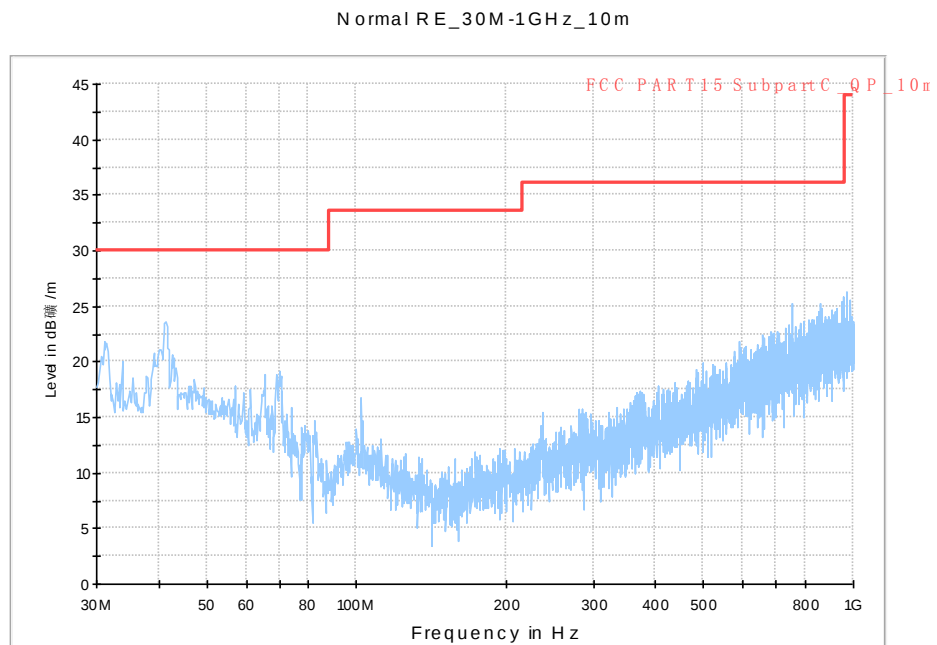


Fig. 282 Radiated Spurious Emission (802.11n-40MHz, Ch10, 30 MHz-1 GHz)

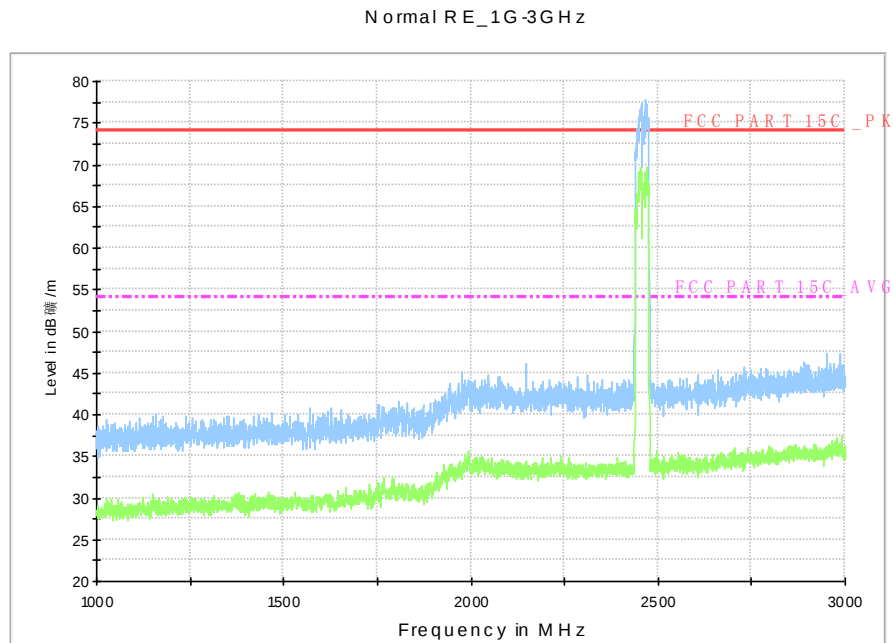


Fig. 283 Radiated Spurious Emission (802.11n-40MHz, Ch10, 1 GHz-3 GHz)

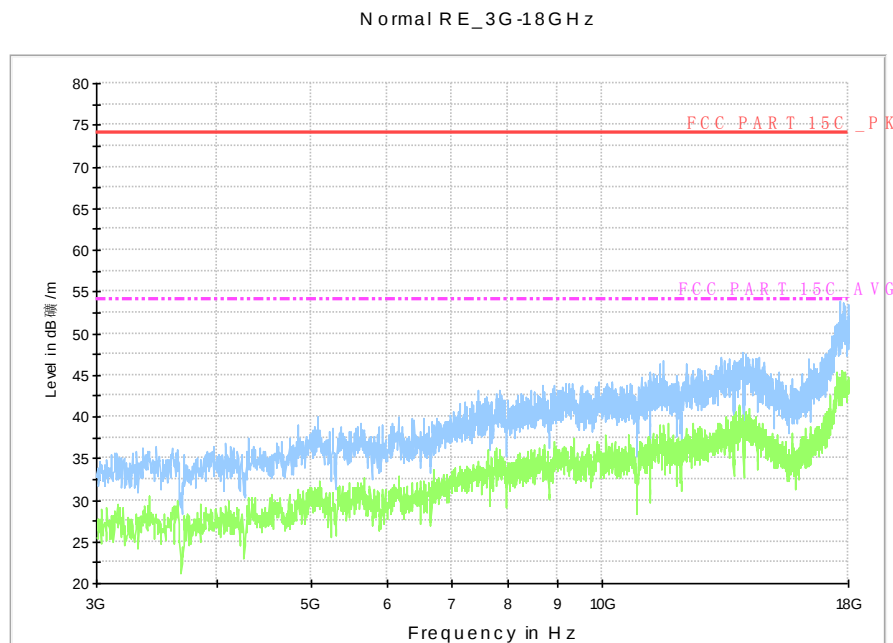


Fig. 284 Radiated Spurious Emission (802.11n-40MHz, Ch10, 3 GHz-18 GHz)

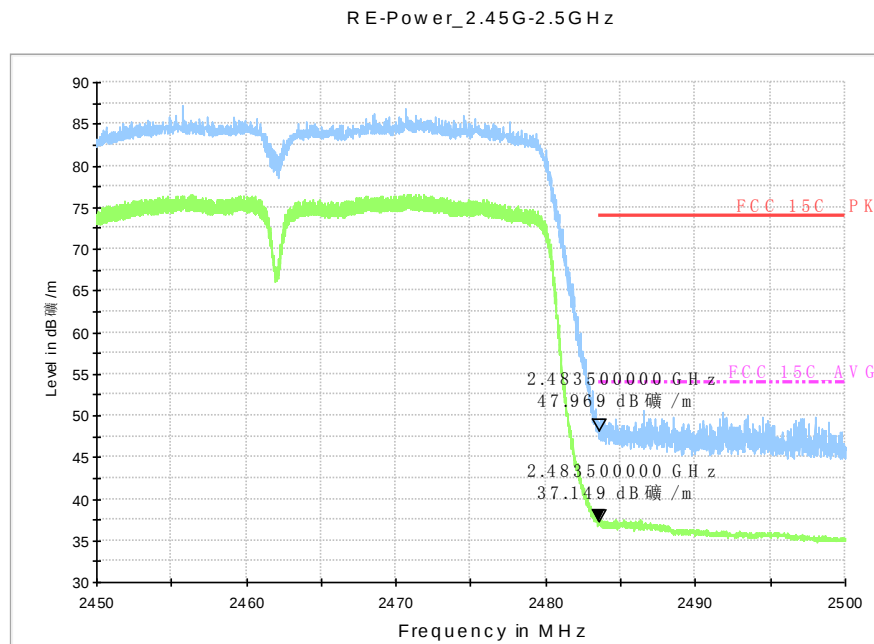


Fig. 285 Radiated Spurious Emission (Power): 802.11n-40MHz, ch11, 2.45 GHz - 2.50GHz

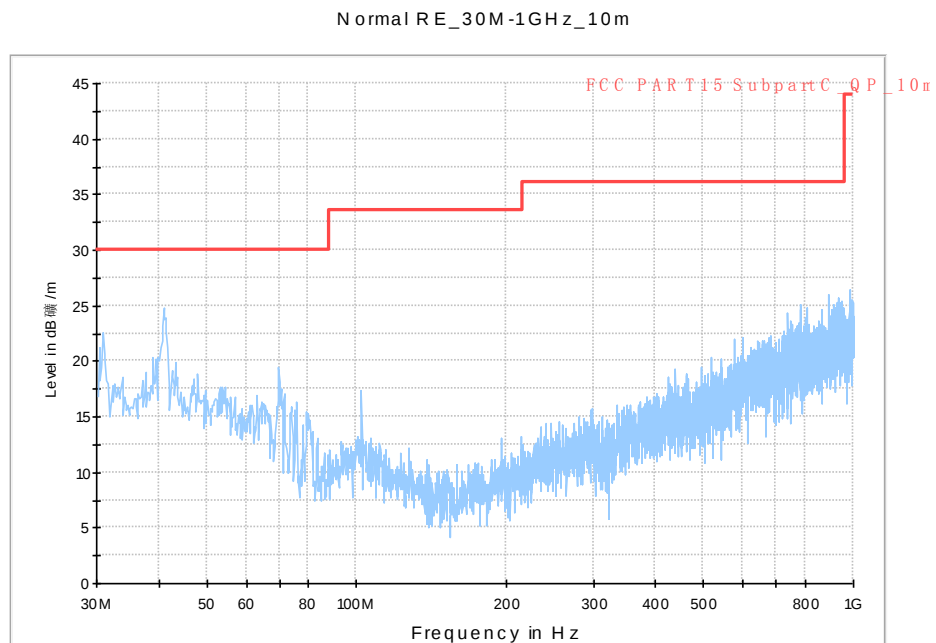


Fig. 286 Radiated Spurious Emission (802.11n-40MHz, Ch11, 30 MHz-1 GHz)

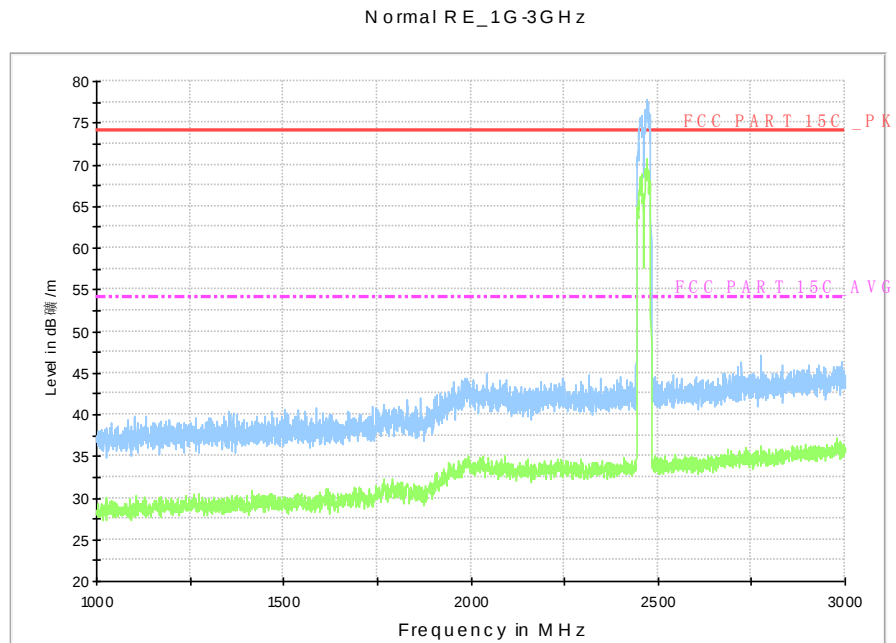


Fig. 287 Radiated Spurious Emission (802.11n-40MHz, Ch11, 1 GHz-3 GHz)

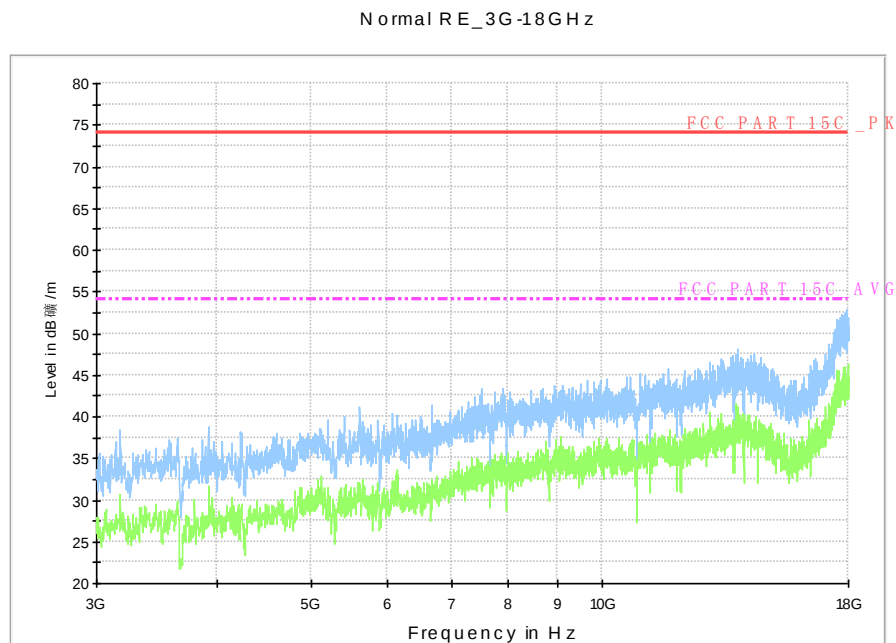


Fig. 288 Radiated Spurious Emission (802.11n-40MHz, Ch11, 3 GHz-18 GHz)

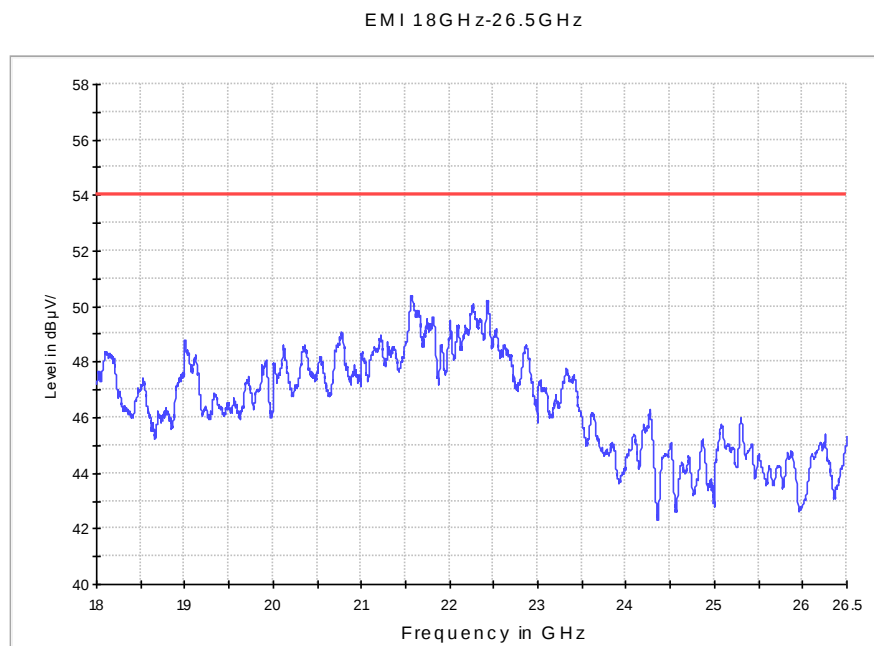


Fig. 289 Radiated Spurious Emission (All channels): 18GHz - 26.5GHz

A.7. AC Powerline Conducted Emission

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)				Conclusion
		With charger1		With charger2		
		802.11b	IDLE	802.11b	IDLE	
0.15 to 0.5	66 to 56	Fig. 290	Fig.291	Fig.292	Fig.293	P
0.5 to 5	56					
5 to 30	60					

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)				Conclusion
		With charger1		With charger2		
		802.11b	IDLE	802.11b	IDLE	
0.15 to 0.5	56 to 46	Fig.290	Fig.291	Fig.292	Fig.293	P
0.5 to 5	46					
5 to 30	50					

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

The measurement is made according to ANSI C63.10

Conclusion: PASS

Test graphs as below:

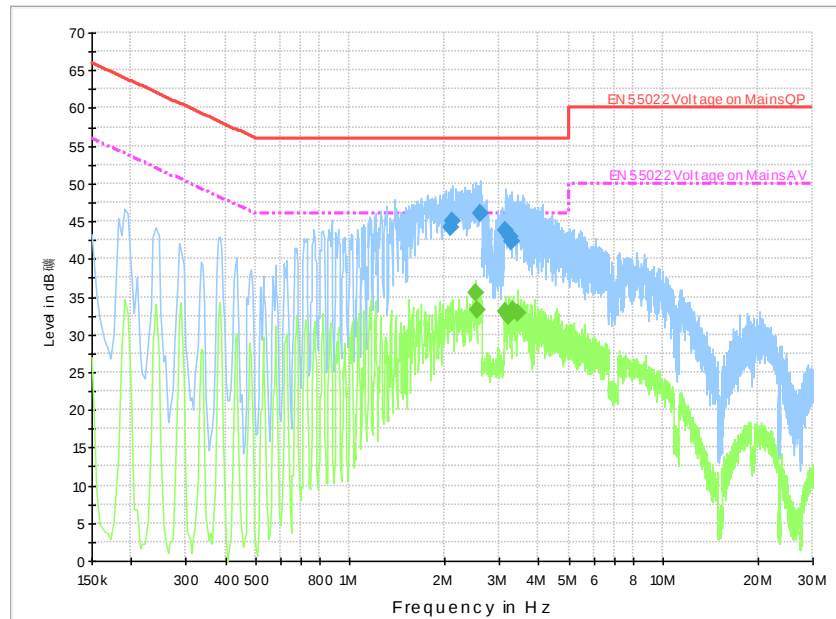


Fig. 290 AC Powerline Conducted Emission-802.11b with charger1

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
2.107500	44.1	GND	L1	10.0	11.9	56.0
2.130000	44.9	GND	L1	10.0	11.1	56.0
2.616000	46.0	GND	L1	10.0	10.0	56.0
3.147000	43.8	GND	L1	10.0	12.2	56.0
3.228000	42.9	GND	L1	10.0	13.1	56.0
3.282000	42.4	GND	L1	10.0	13.6	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
2.517000	35.4	GND	L1	10.0	10.6	50.9
2.557500	33.2	GND	L1	10.0	12.8	48.8
3.138000	33.0	GND	L1	10.0	13.0	48.0
3.201000	32.4	GND	L1	10.0	13.6	46.4
3.331500	33.1	GND	L1	10.0	12.9	46.0
3.435000	32.9	GND	L1	10.0	13.1	46.0

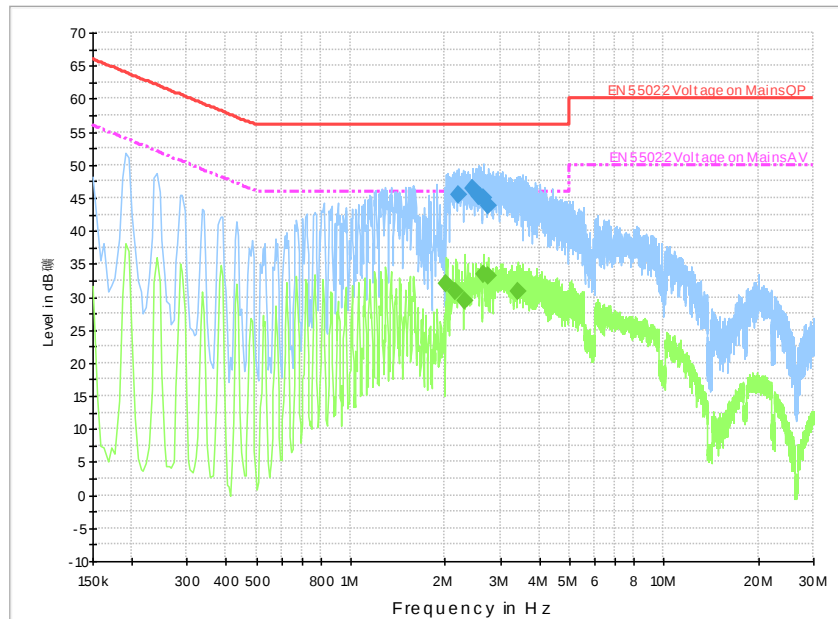


Fig. 291 AC Powerline Conducted Emission-IDLE with charger1

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
2.220000	45.5	GND	L1	10.0	10.5	56.0
2.458500	46.3	GND	L1	10.0	9.7	56.0
2.557500	45.1	GND	L1	10.0	10.9	56.0
2.598000	45.2	GND	L1	10.0	10.8	56.0
2.652000	45.0	GND	L1	10.0	11.0	56.0
2.755500	43.8	GND	L1	10.0	12.2	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
2.017500	31.9	GND	L1	10.0	14.1	46.0
2.170500	30.8	GND	L1	10.0	15.2	46.0
2.314500	29.3	GND	L1	10.0	16.7	46.0
2.652000	33.3	GND	L1	10.0	12.7	46.0
2.751000	33.1	GND	L1	10.0	12.9	46.0
3.417000	30.9	GND	L1	10.0	15.1	46.0