

Fig. 157 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-18 GHz)

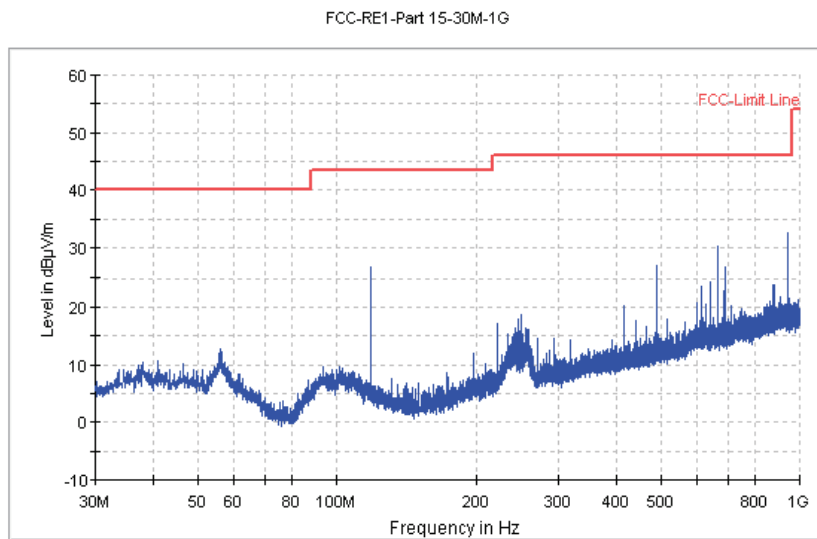


Fig. 158 Radiated Spurious Emission (802.11b, Ch11, 30MHz-1 GHz)

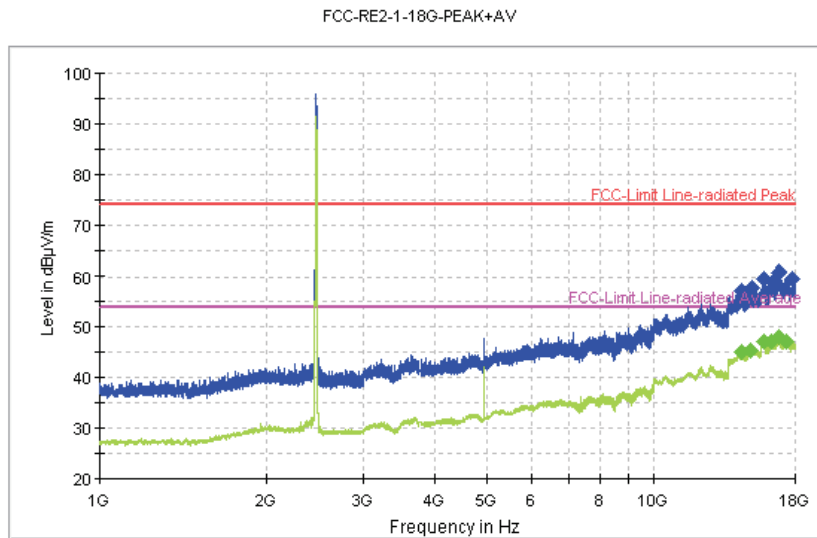


Fig. 159 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-18 GHz)

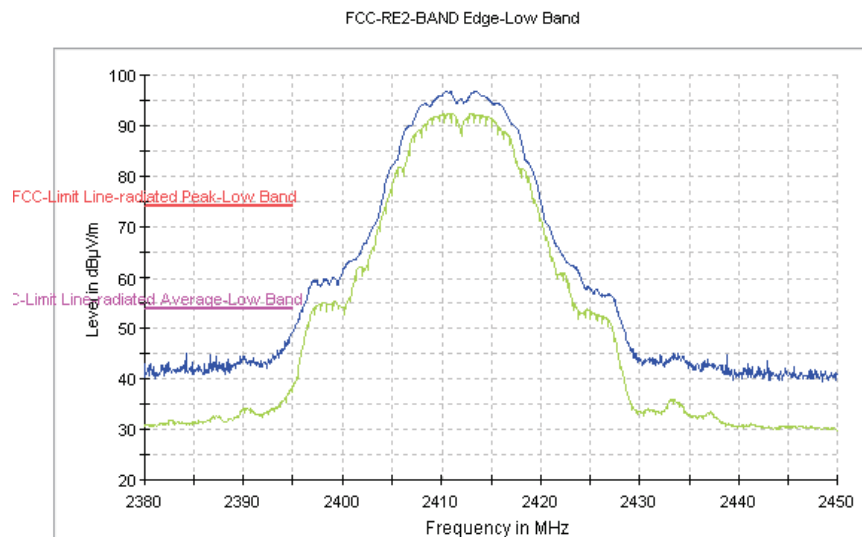


Fig. 160 Radiated Emission Power (802.11b, Ch1, 2380GHz~2450GHz)

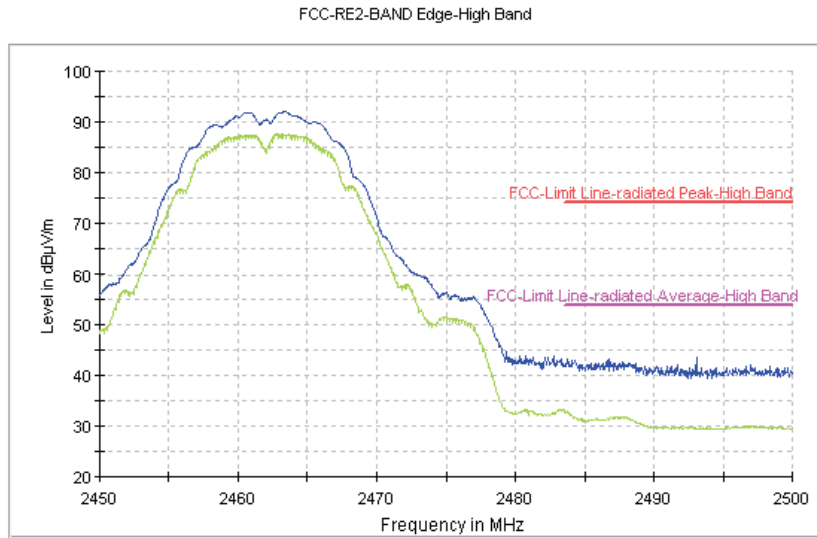


Fig. 161 Radiated Emission Power (802.11b, Ch11, 2450GHz~2500GHz)

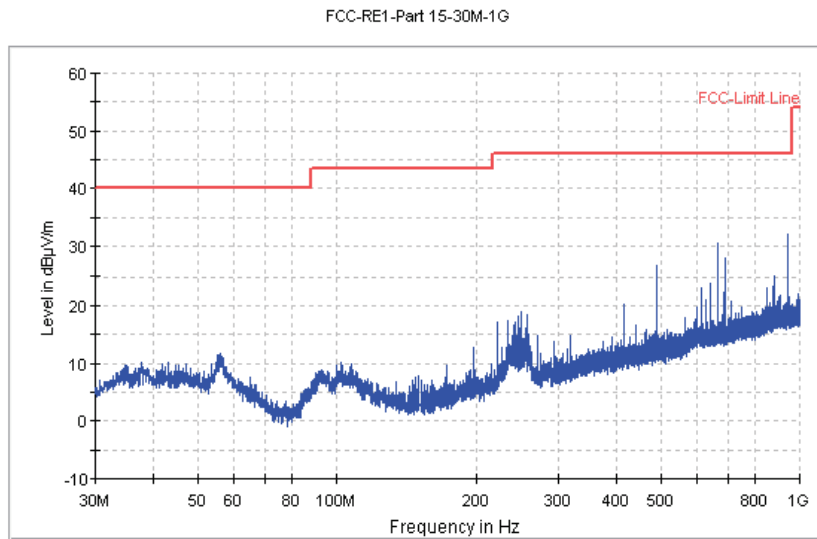


Fig. 162 Radiated Spurious Emission (802.11g, Ch1,30MHz-1 GHz)

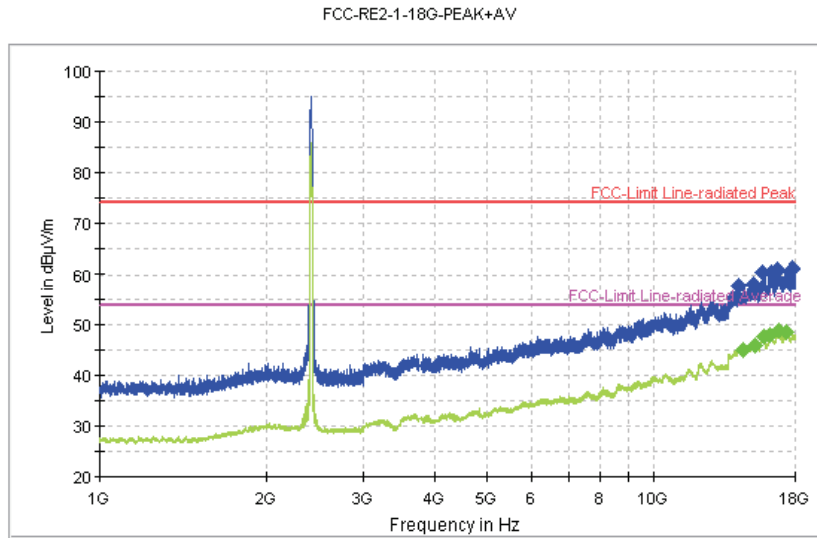


Fig. 163 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-18 GHz)

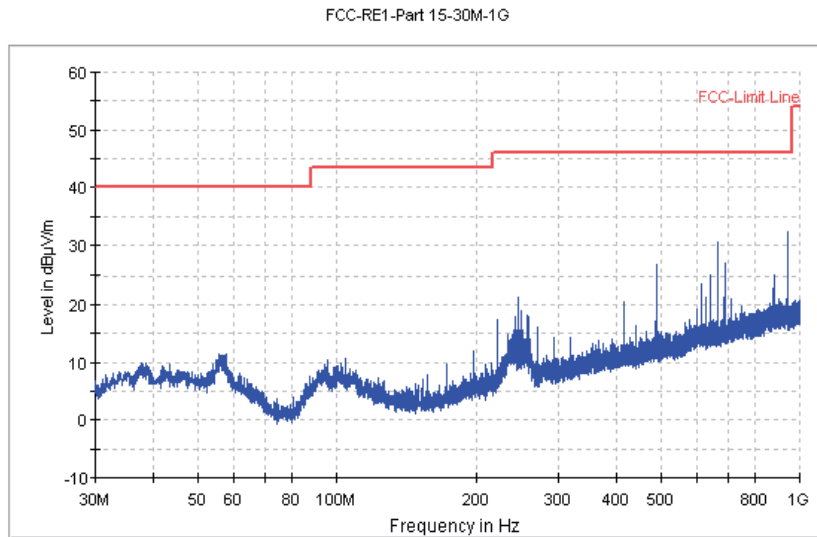


Fig. 164 Radiated Spurious Emission (802.11g, Ch6, 30MHz-1 GHz)

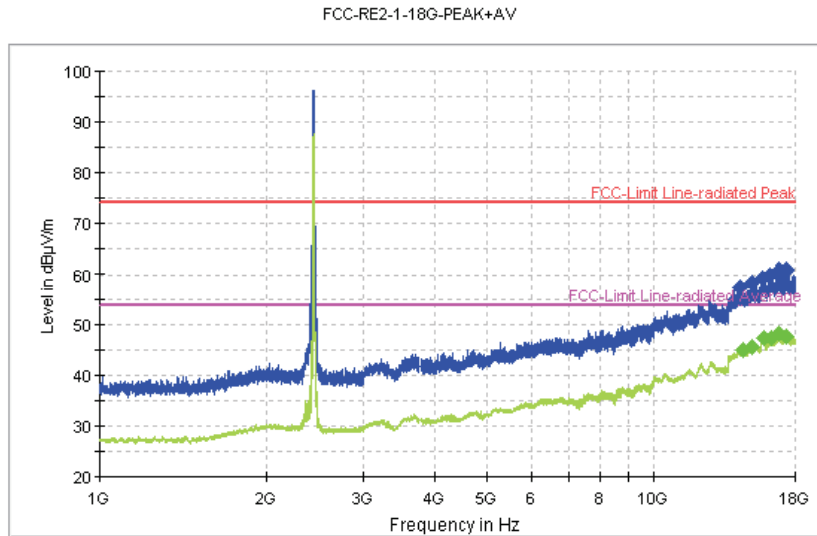


Fig. 165 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-18 GHz)

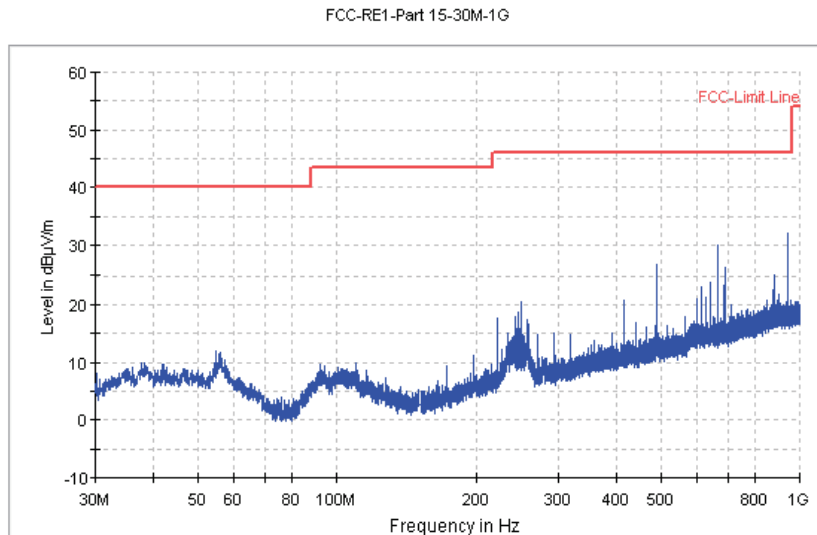


Fig. 166 Radiated Spurious Emission (802.11g, Ch11, 30MHz-1 GHz)

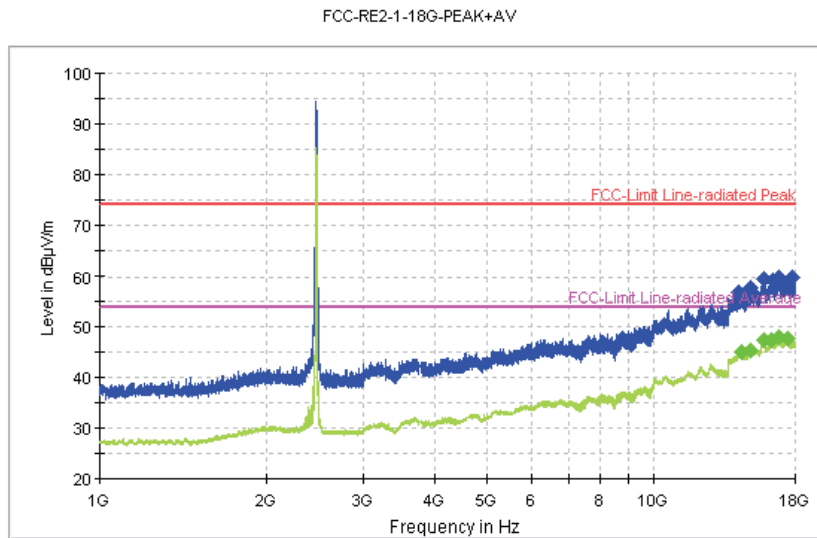


Fig. 167 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-18 GHz)

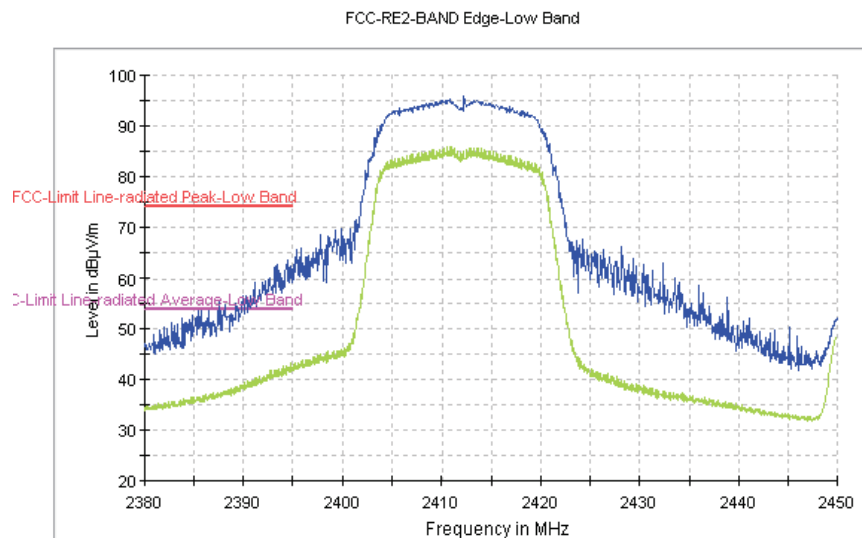


Fig. 168 Radiated Emission Power (802.11g, Ch1, 2380GHz~2450GHz)

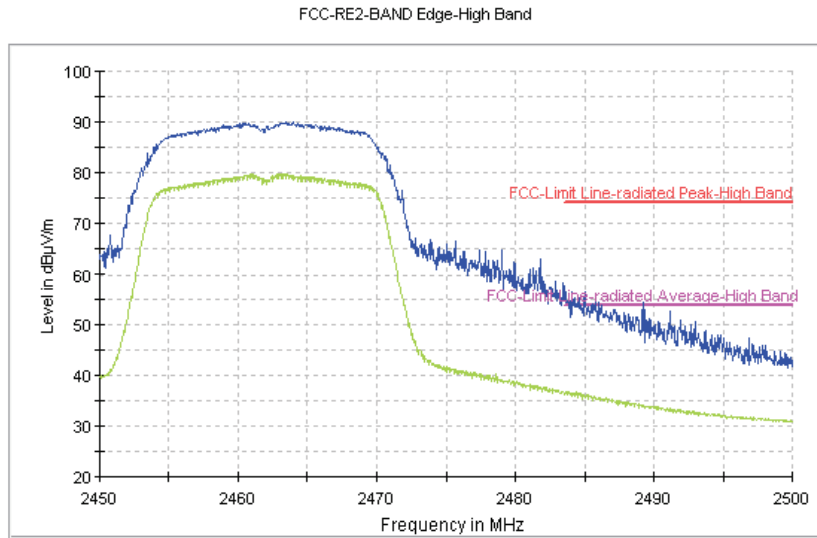


Fig. 169 Radiated Emission Power (802.11g, Ch11, 2450GHz~2500GHz)

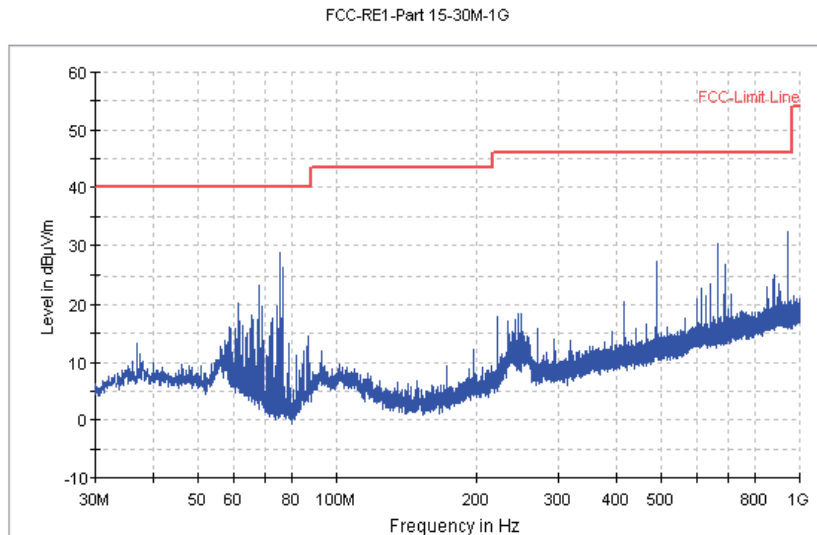


Fig. 170 Radiated Spurious Emission (802.11n-20M, Ch1, 30MHz-1 GHz)

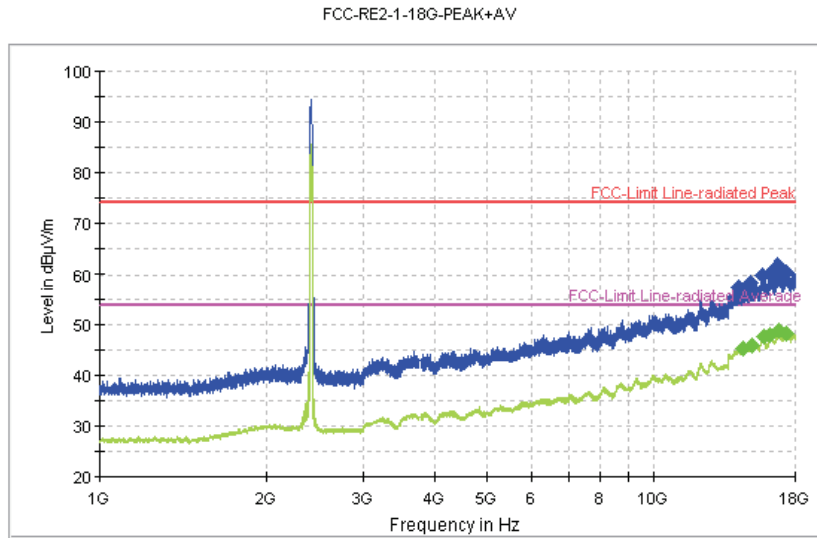


Fig. 171 Radiated Spurious Emission (802.11n-20M, Ch1, 1 GHz-18 GHz)

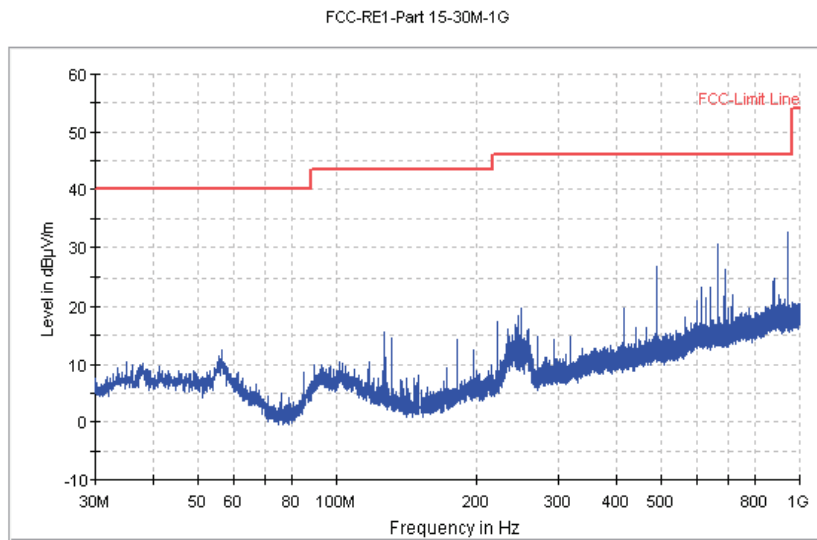


Fig. 172 Radiated Spurious Emission (802.11n-20M, Ch6, 30MHz-1 GHz)

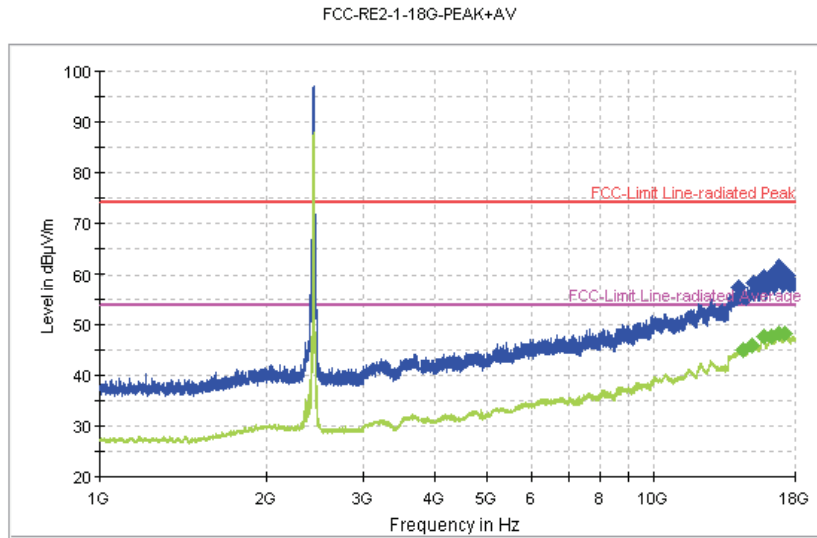


Fig. 173 Radiated Spurious Emission (802.11n-20M, Ch6, 1 GHz-18 GHz)

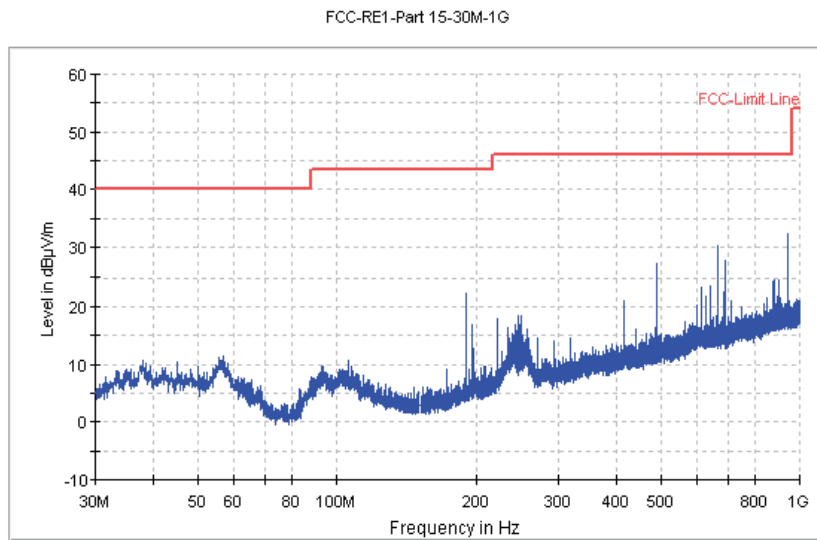


Fig. 174 Radiated Spurious Emission (802.11n-20M, Ch11, 30MHz-1 GHz)

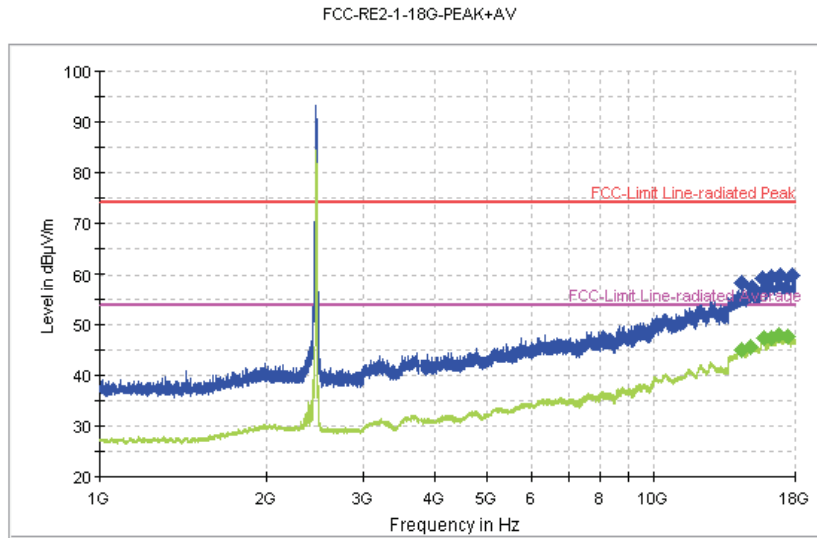


Fig. 175 Radiated Spurious Emission (802.11n-20M, Ch11, 1 GHz-18 GHz)

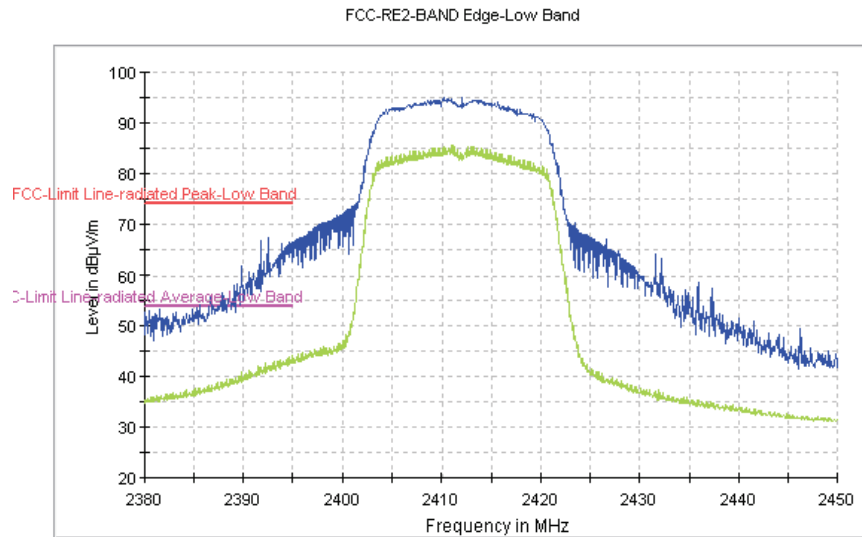


Fig. 176 Radiated Emission Power (802.11n-20M, Ch1, 2380GHz~2450GHz)

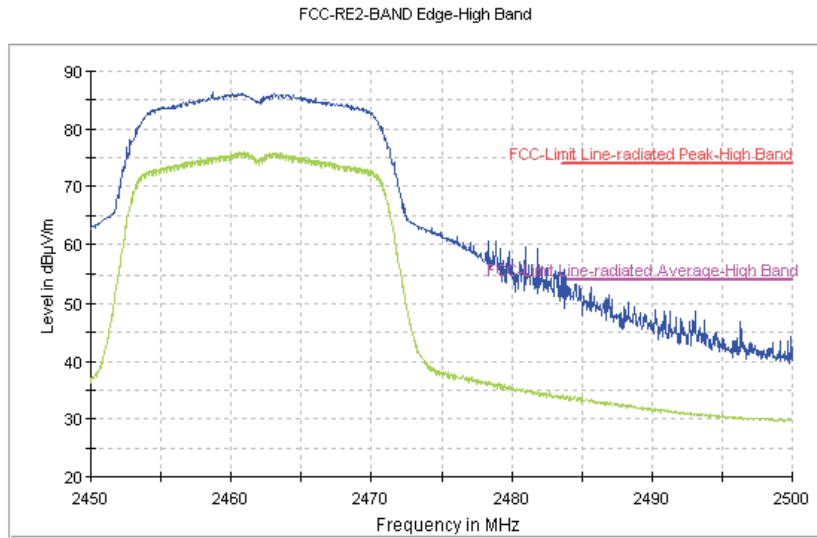


Fig. 177 Radiated Emission Power (802.11n-20M, Ch11, 2450GHz~2500GHz)

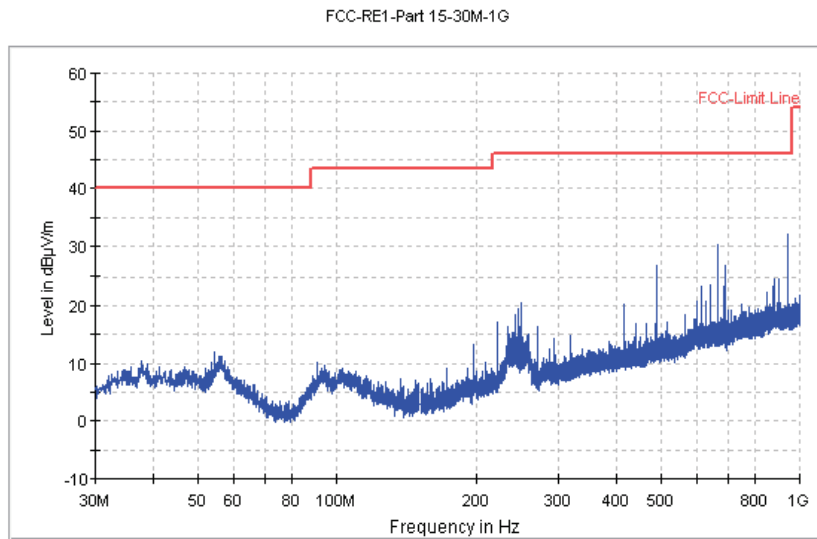


Fig. 178 Radiated Spurious Emission (802.11n-40M, Ch3, 30MHz-1 GHz)

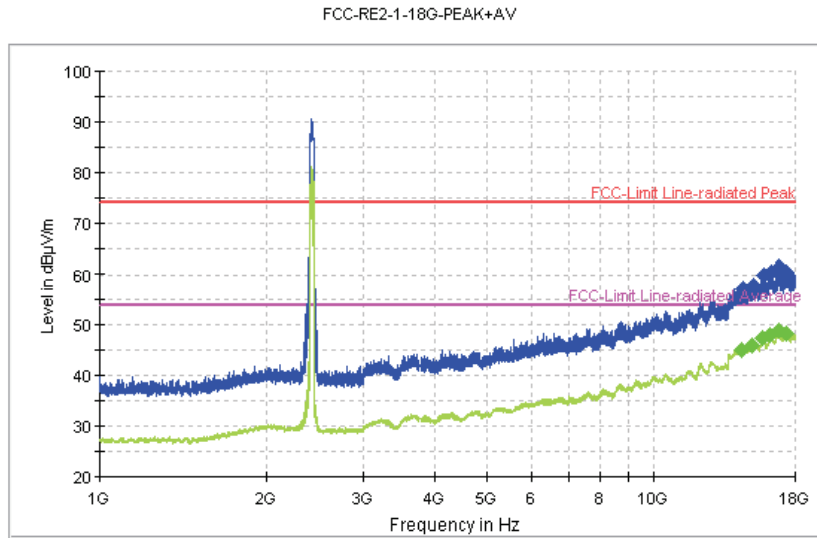


Fig. 179 Radiated Spurious Emission (802.11n-40M, Ch3, 1 GHz-18 GHz)

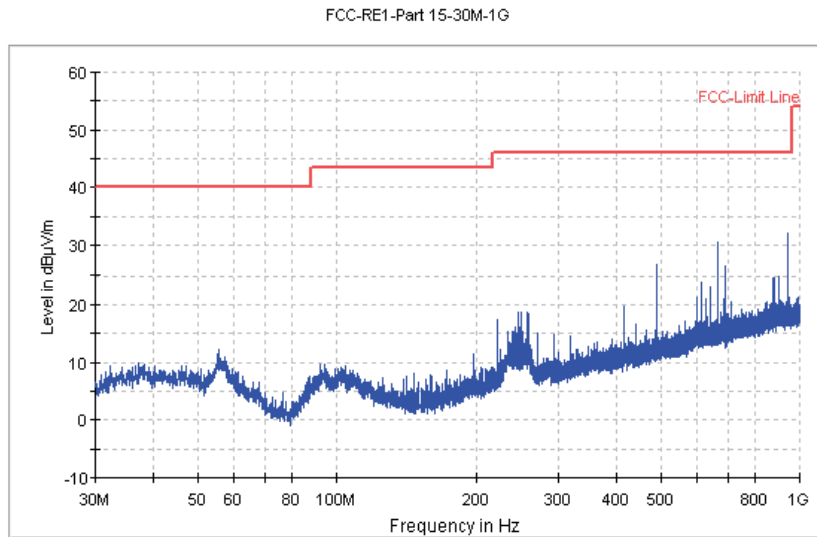


Fig. 180 Radiated Spurious Emission (802.11n-40M, Ch6, 30MHz-1 GHz)

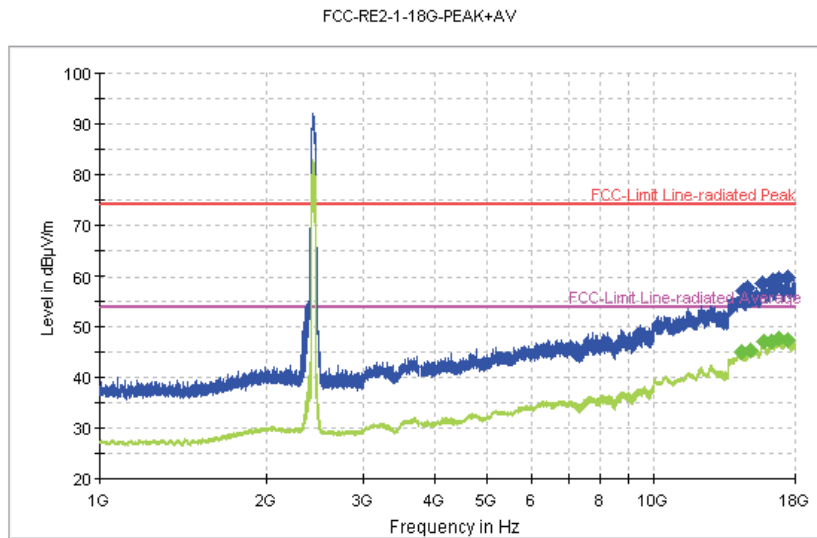


Fig. 181 Radiated Spurious Emission (802.11n-40M, Ch6, 1 GHz-18 GHz)

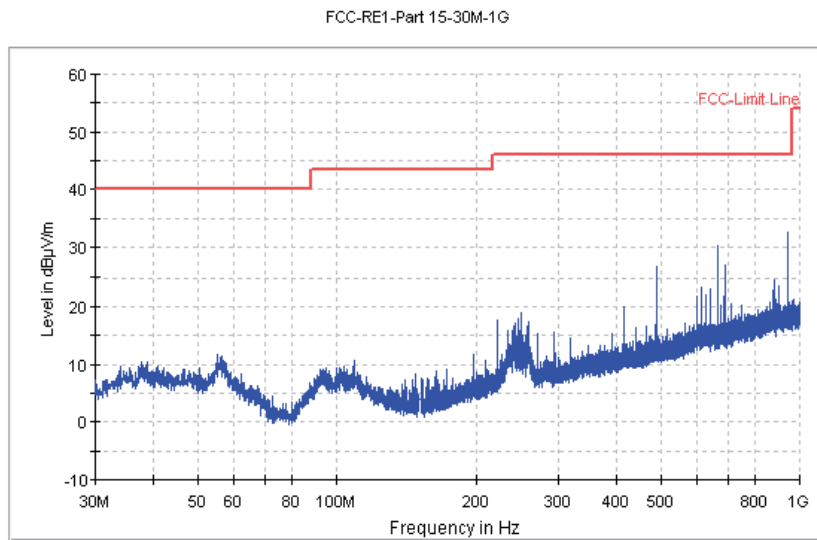


Fig. 182 Radiated Spurious Emission (802.11n-40M, Ch9, 30MHz-1 GHz)

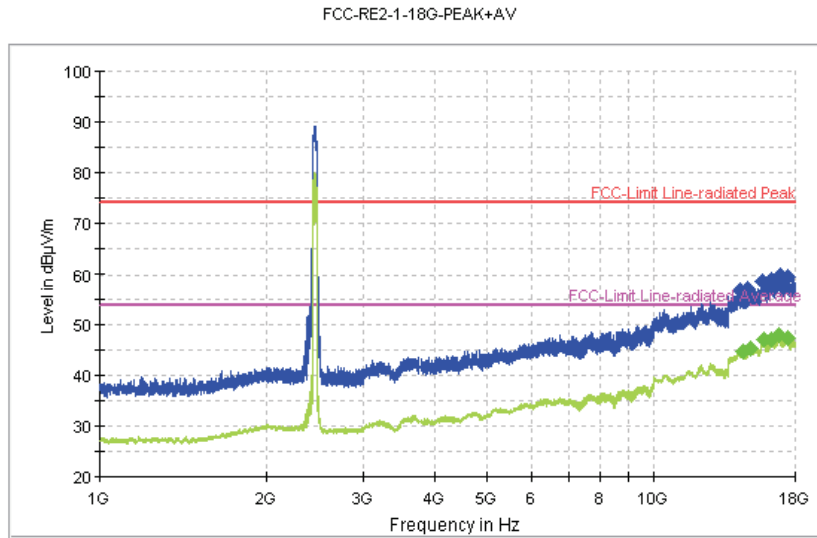


Fig. 183 Radiated Spurious Emission (802.11n-40M, Ch9, 1 GHz-18 GHz)

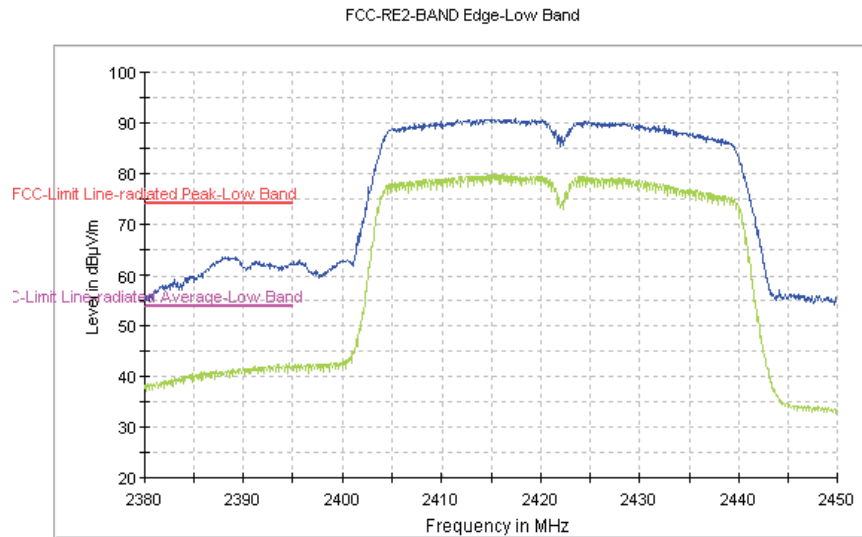


Fig. 184 Radiated Emission Power (802.11n-40M, Ch3, 2380GHz~2450GHz)

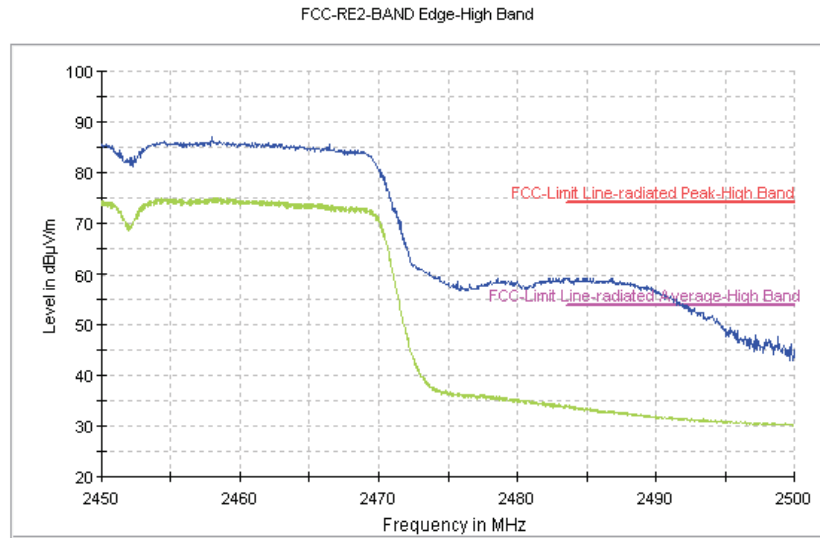


Fig. 185 Radiated Emission Power (802.11n-20M, Ch9, 2450GHz~2500GHz)

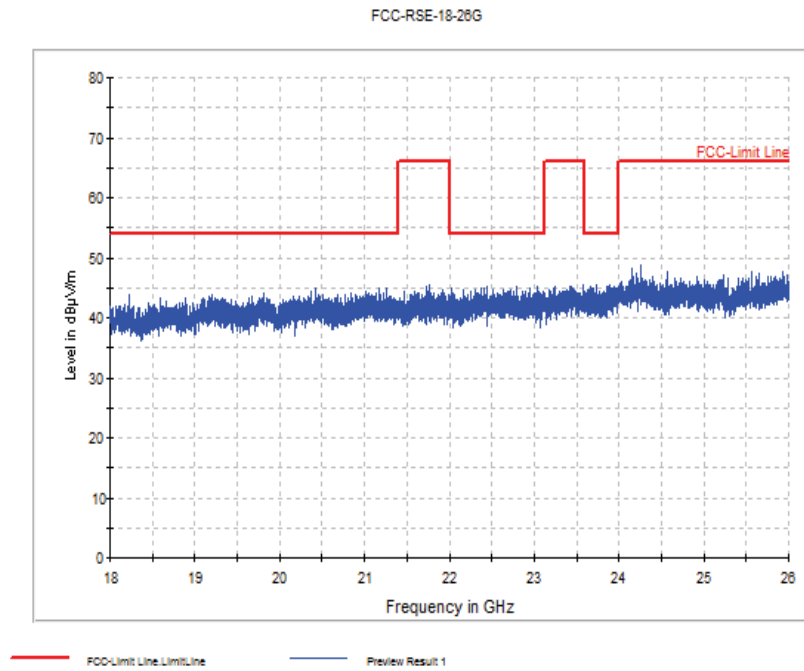


Fig. 186 Radiated emission: 18 GHz - 26 GHz

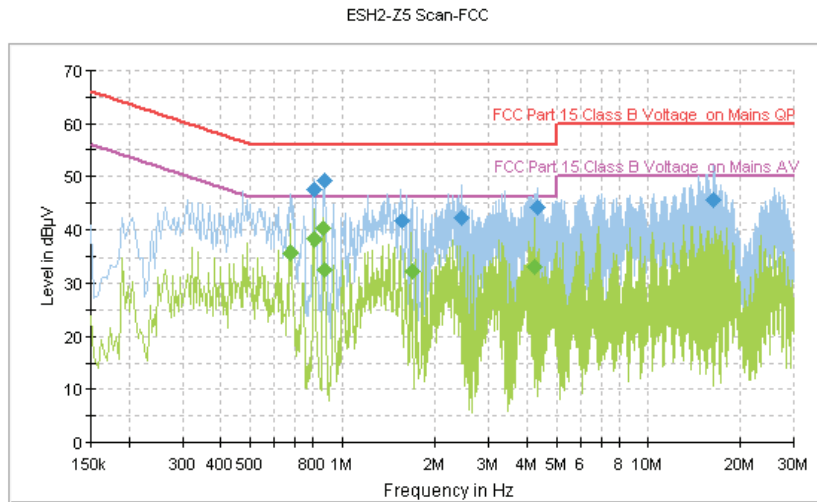


Fig. 187 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.810000	47.5	FLO	L1	10.1	8.5	56.0
0.874000	49.1	FLO	L1	10.1	6.9	56.0
1.562000	41.6	FLO	N	10.1	14.4	56.0
2.446000	42.1	FLO	N	10.2	13.9	56.0
4.346000	44.2	FLO	N	10.2	11.8	56.0
16.434000	45.6	FLO	L1	10.5	14.4	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.678000	35.8	FLO	L1	10.0	10.2	46.0
0.810000	38.3	FLO	L1	10.1	7.7	46.0
0.870000	40.3	FLO	L1	10.1	5.7	46.0
0.878000	32.7	FLO	L1	10.1	13.3	46.0
1.682000	32.4	FLO	L1	10.1	13.6	46.0
4.234000	33.2	FLO	L1	10.2	12.8	46.0

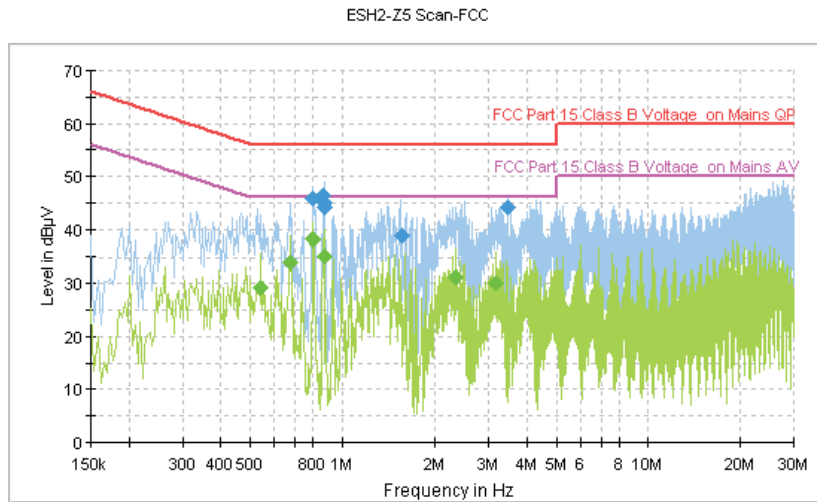


Fig. 188 AC Powerline Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.806000	45.9	FLO	L1	10.1	10.1	56.0
0.866000	46.5	FLO	L1	10.1	9.5	56.0
0.874000	44.8	FLO	L1	10.1	11.2	56.0
0.882000	44.1	FLO	N	10.1	11.9	56.0
1.554000	38.7	FLO	N	10.1	17.3	56.0
3.458000	44.1	FLO	N	10.2	11.9	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.542000	29.2	FLO	L1	10.1	16.8	46.0
0.674000	34.1	FLO	L1	10.0	11.9	46.0
0.806000	38.1	FLO	L1	10.1	7.9	46.0
0.874000	35.2	FLO	L1	10.1	10.8	46.0
2.346000	31.3	FLO	L1	10.1	14.7	46.0
3.154000	30.2	FLO	L1	10.2	15.8	46.0



ANNEX D: Persons involved in this testing

Test Name	Tester
Antenna Requirement	Wang Shuai, Tang Weisheng
Maximum Peak Output Power	Wang Shuai, Tang Weisheng
Peak Power Spectral Density	Wang Shuai, Tang Weisheng
Occupied 6dB Bandwidth	Wang Shuai, Tang Weisheng
Band Edges Compliance	Wang Shuai, Tang Weisheng
Transmitter Spurious Emission - Conducted	Wang Shuai, Tang Weisheng
Transmitter Spurious Emission - Radiated	Wang Shuai, Tang Weisheng
AC Powerline Conducted Emission	Wang Shuai, Tang Weisheng

ANNEX E: Accreditation Certificate

 
China National Accreditation Service for Conformity Assessment
LABORATORY ACCREDITATION CERTIFICATE
(Registration No. CNAS L0570)
China Academy of Telecommunication Research of MIIT <u>No.52, Huayuan North Road, Haidian District, Beijing, China</u>
<i>is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence of testing and calibration.</i>
<i>The scope of accreditation is detailed in the attached appendices bearing the same registration number as above. The appendices form an integral part of this certificate.</i>
Date of Issue: 2014-06-20 Date of Expiry: 2017-06-19 Date of Initial Accreditation: 1998-07-03 Date of Update: 2014-06-20

Signed on behalf of China National Accreditation Service for Conformity Assessment
<small>China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is the signatory to International Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (ILAC MRA) and Asia Pacific Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (APLAC MRA).</small>
No.CNAS AL 2 0010037

END OF REPORT