

Fig. 103 Hopping channel ch39~78 (GFSK, Ch39)

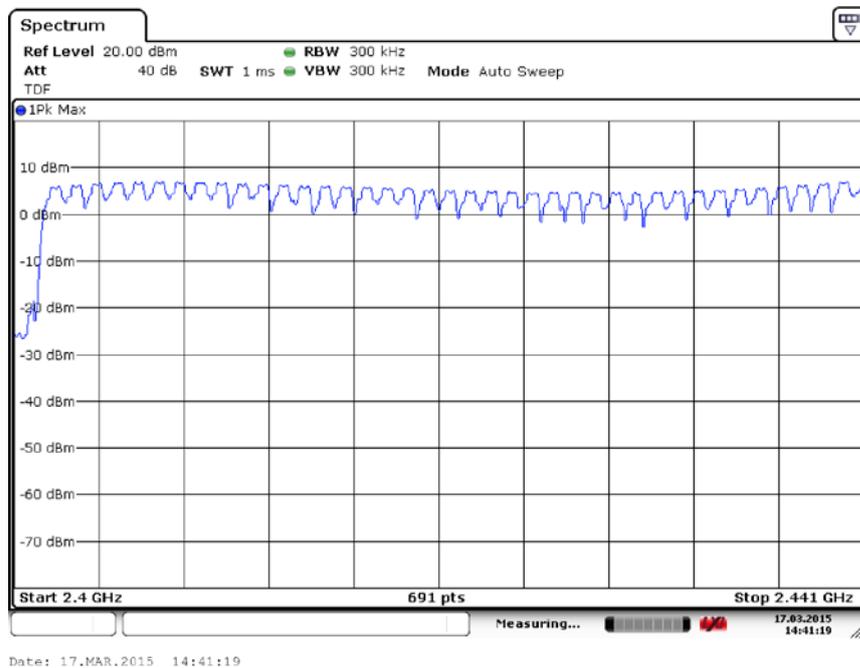


Fig. 104 Hopping channel ch0~39 ($\pi/4$ DQPSK, Ch39)

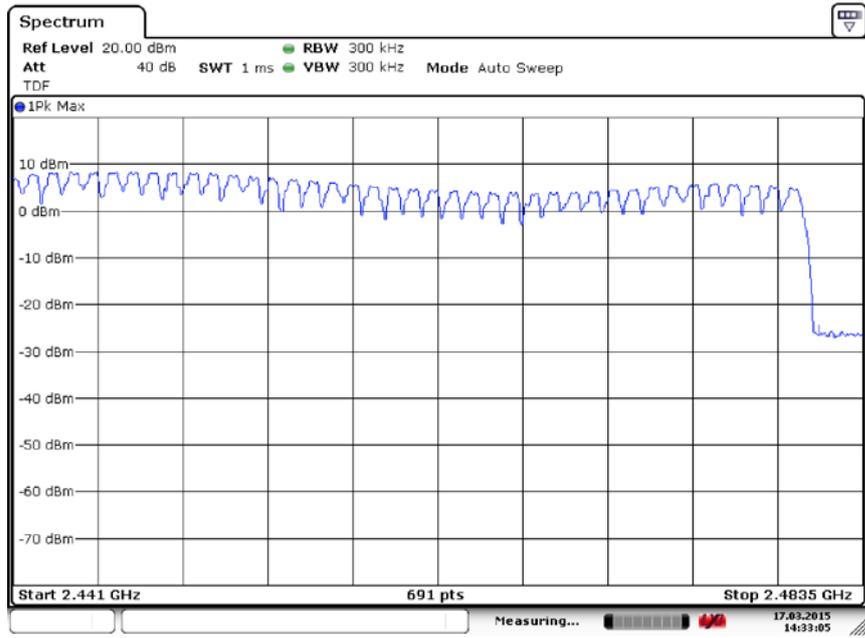


Fig. 105 Hopping channel ch39~78 ($\pi/4$ DQPSK, Ch39)

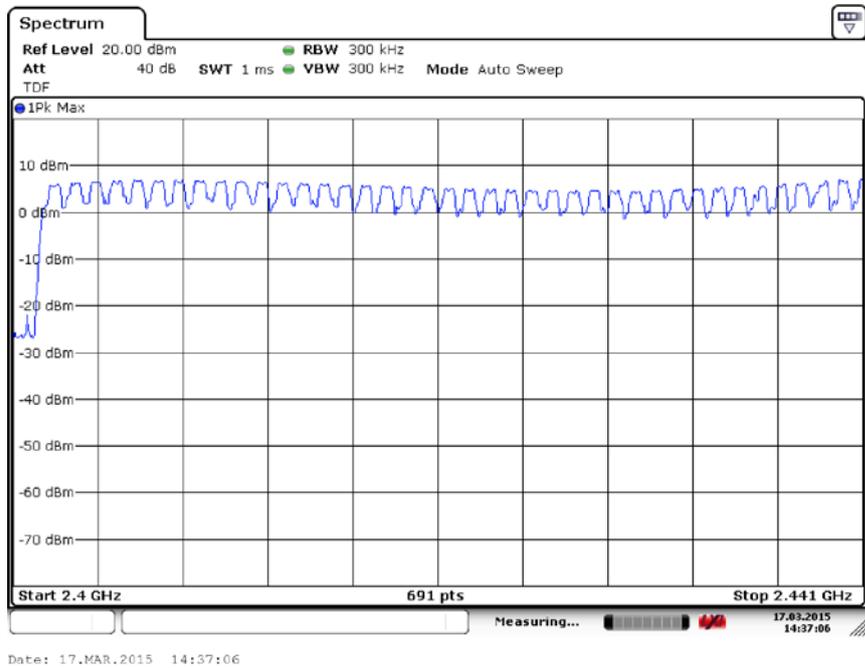


Fig. 106 Hopping channel ch0~39 (8DPSK, Ch39)

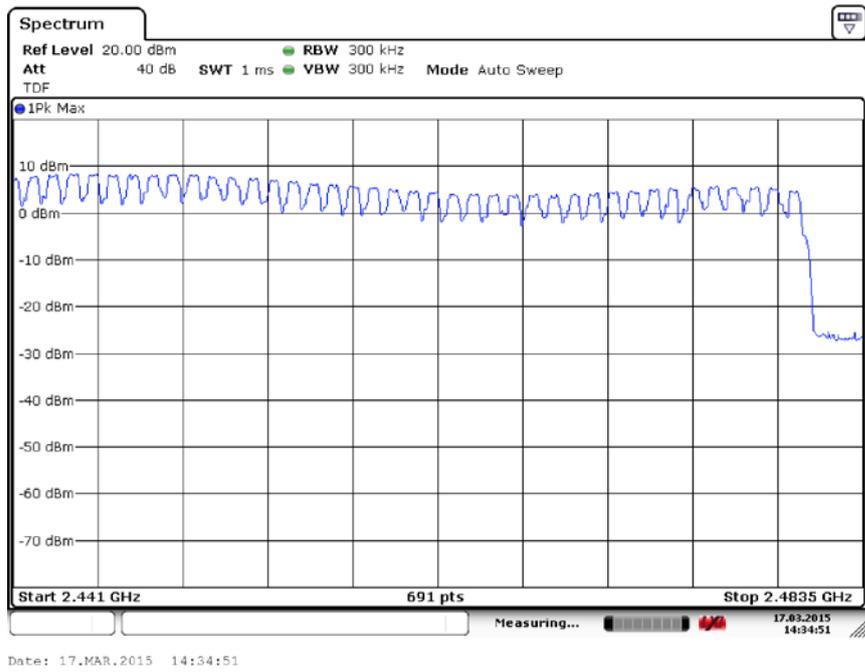


Fig. 107 Hopping channel ch39~78 (8DPSK, Ch39)

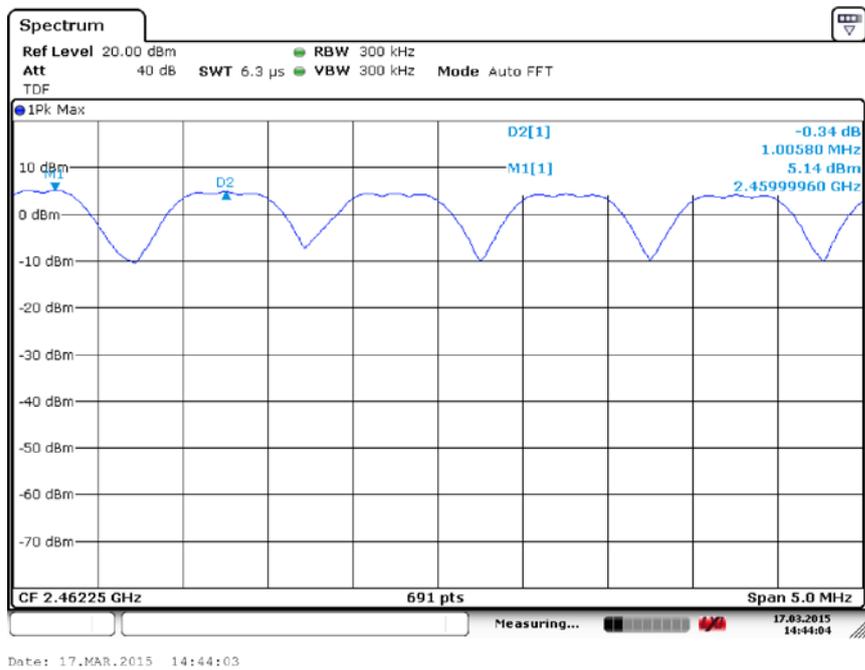
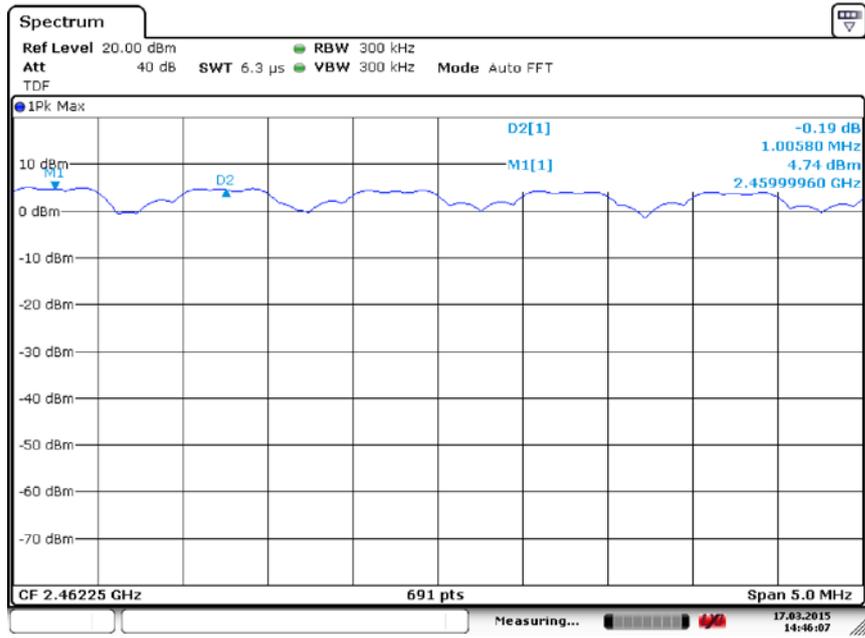
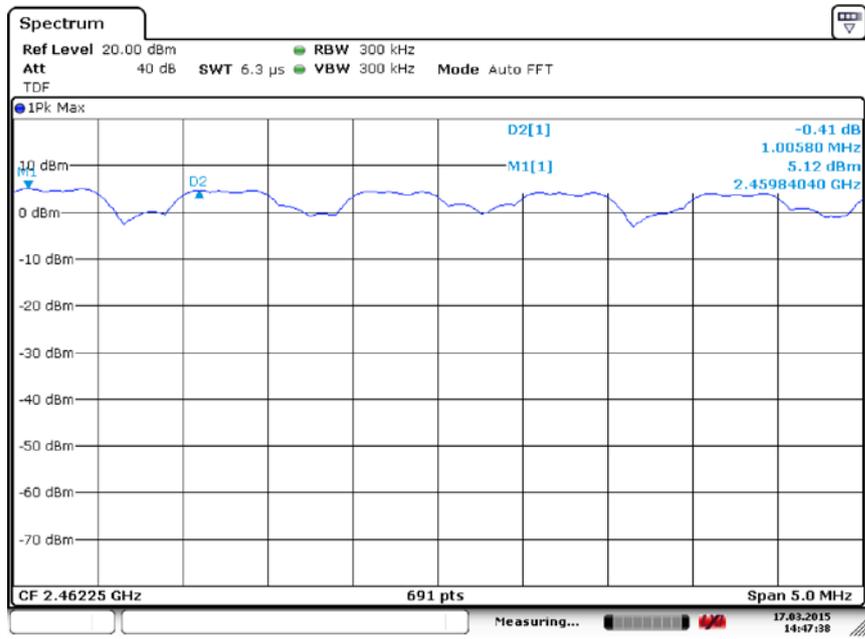


Fig. 108 Carrier Frequency Separation (GFSK, Ch39)



Date: 17.MAR.2015 14:46:07

Fig. 109 Carrier Frequency Separation ($\pi/4$ DQPSK, Ch39)



Date: 17.MAR.2015 14:47:38

Fig. 110 Carrier Frequency Separation (8DPSK, Ch39)

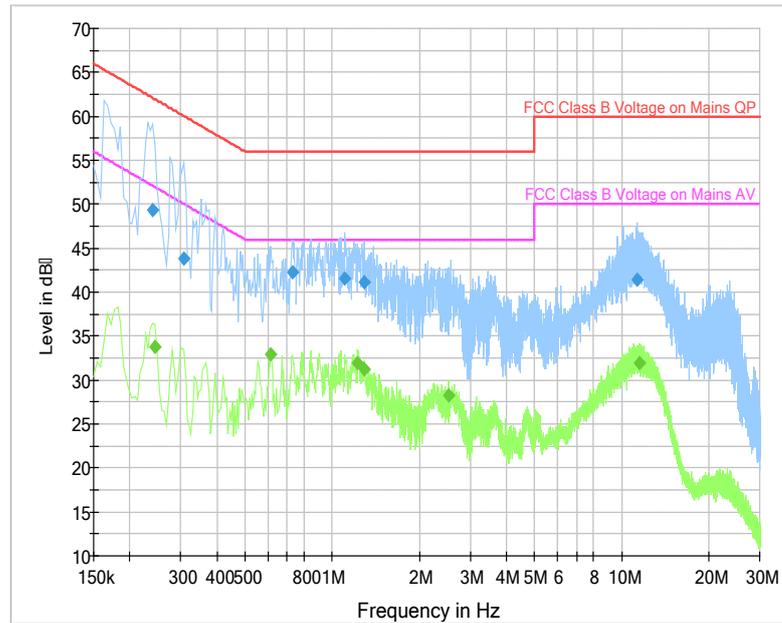


Fig. 111 AC Power line Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.240000 | 49.4 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.7 | 62.1 |
| 0.307500 | 43.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 16.2 | 60.0 |
| 0.730500 | 42.2 | 2000.0 | 9.000 | On | L1 | 19.8 | 13.8 | 56.0 |
| 1.108500 | 41.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.4 | 56.0 |
| 1.293000 | 41.2 | 2000.0 | 9.000 | On | L1 | 19.6 | 14.8 | 56.0 |
| 11.310000 | 41.4 | 2000.0 | 9.000 | On | L1 | 19.9 | 18.6 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.244500 | 33.7 | 2000.0 | 9.000 | On | L1 | 19.8 | 18.2 | 51.9 |
| 0.613500 | 32.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 13.1 | 46.0 |
| 1.225500 | 32.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.0 | 46.0 |
| 1.293000 | 31.3 | 2000.0 | 9.000 | On | L1 | 19.6 | 14.7 | 46.0 |
| 2.526000 | 28.2 | 2000.0 | 9.000 | On | L1 | 19.6 | 17.8 | 46.0 |
| 11.557500 | 32.0 | 2000.0 | 9.000 | On | L1 | 19.9 | 18.0 | 50.0 |

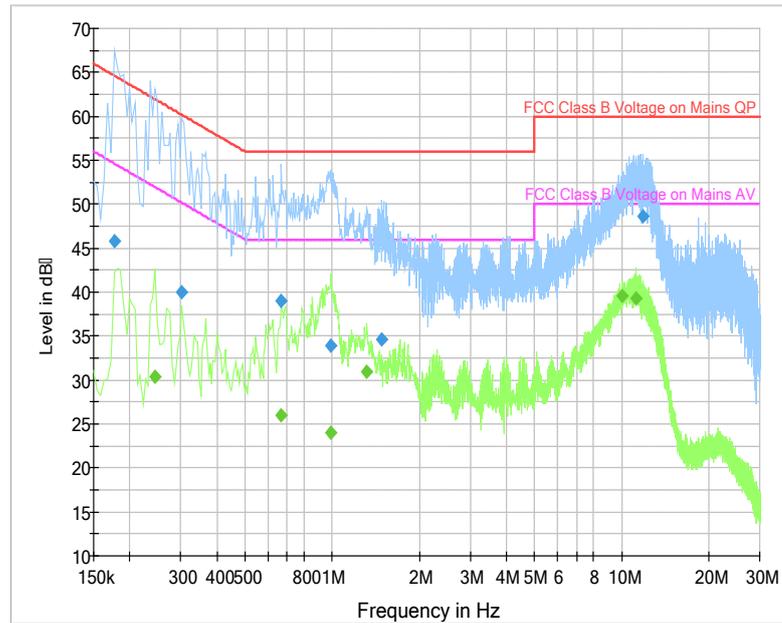


Fig. 112 AC Power line Conducted Emission (Traffic, AE2)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.177000 | 45.8 | 2000.0 | 9.000 | On | L1 | 19.7 | 18.8 | 64.6 |
| 0.303000 | 39.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 20.2 | 60.2 |
| 0.667500 | 39.0 | 2000.0 | 9.000 | On | L1 | 19.8 | 17.0 | 56.0 |
| 0.991500 | 33.9 | 2000.0 | 9.000 | On | L1 | 19.7 | 22.1 | 56.0 |
| 1.486500 | 34.6 | 2000.0 | 9.000 | On | N | 19.6 | 21.4 | 56.0 |
| 11.854500 | 48.6 | 2000.0 | 9.000 | On | L1 | 19.8 | 11.4 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.244500 | 30.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 21.6 | 51.9 |
| 0.667500 | 26.1 | 2000.0 | 9.000 | On | L1 | 19.8 | 20.0 | 46.0 |
| 0.991500 | 24.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 22.0 | 46.0 |
| 1.320000 | 31.0 | 2000.0 | 9.000 | On | L1 | 19.6 | 15.0 | 46.0 |
| 10.077000 | 39.6 | 2000.0 | 9.000 | On | L1 | 19.8 | 10.4 | 50.0 |
| 11.256000 | 39.2 | 2000.0 | 9.000 | On | L1 | 19.9 | 10.8 | 50.0 |

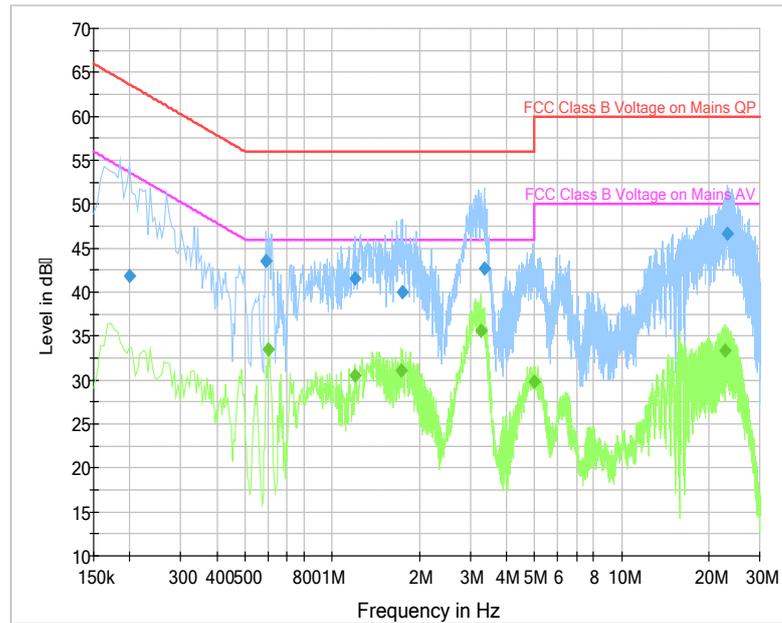


Fig. 113 AC Power line Conducted Emission (Traffic, AE3)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.199500 | 41.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 21.8 | 63.6 |
| 0.591000 | 43.5 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.5 | 56.0 |
| 1.203000 | 41.5 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.5 | 56.0 |
| 1.747500 | 40.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 16.0 | 56.0 |
| 3.345000 | 42.7 | 2000.0 | 9.000 | On | L1 | 19.7 | 13.3 | 56.0 |
| 23.217000 | 46.6 | 2000.0 | 9.000 | On | L1 | 20.0 | 13.4 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.600000 | 33.5 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.5 | 46.0 |
| 1.194000 | 30.5 | 2000.0 | 9.000 | On | L1 | 19.7 | 15.5 | 46.0 |
| 1.738500 | 31.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 15.0 | 46.0 |
| 3.255000 | 35.7 | 2000.0 | 9.000 | On | L1 | 19.6 | 10.3 | 46.0 |
| 4.992000 | 29.8 | 2000.0 | 9.000 | On | L1 | 19.6 | 16.2 | 46.0 |
| 22.717500 | 33.3 | 2000.0 | 9.000 | On | L1 | 20.1 | 16.7 | 50.0 |

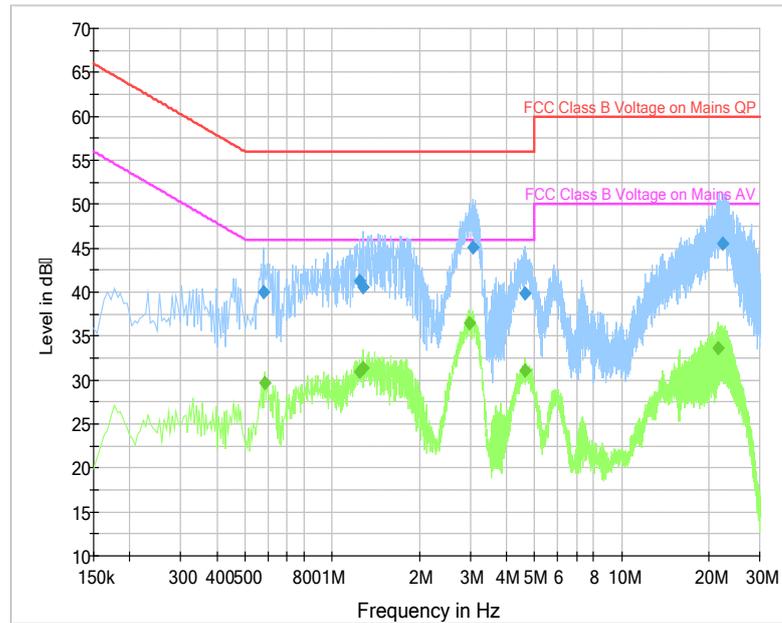


Fig. 114 AC Power line Conducted Emission (Traffic, AE4)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.577500 | 40.0 | 2000.0 | 9.000 | On | L1 | 19.8 | 16.0 | 56.0 |
| 1.248000 | 41.3 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.7 | 56.0 |
| 1.284000 | 40.6 | 2000.0 | 9.000 | On | L1 | 19.6 | 15.4 | 56.0 |
| 3.075000 | 45.1 | 2000.0 | 9.000 | On | L1 | 19.7 | 10.9 | 56.0 |
| 4.623000 | 39.8 | 2000.0 | 9.000 | On | L1 | 19.6 | 16.2 | 56.0 |
| 22.267500 | 45.6 | 2000.0 | 9.000 | On | L1 | 20.1 | 14.4 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.586500 | 29.7 | 2000.0 | 9.000 | On | L1 | 19.8 | 16.3 | 46.0 |
| 1.239000 | 31.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 15.0 | 46.0 |
| 1.284000 | 31.3 | 2000.0 | 9.000 | On | L1 | 19.6 | 14.7 | 46.0 |
| 2.994000 | 36.4 | 2000.0 | 9.000 | On | L1 | 19.7 | 9.6 | 46.0 |
| 4.623000 | 31.1 | 2000.0 | 9.000 | On | L1 | 19.6 | 14.9 | 46.0 |
| 21.574500 | 33.6 | 2000.0 | 9.000 | On | L1 | 20.1 | 16.4 | 50.0 |

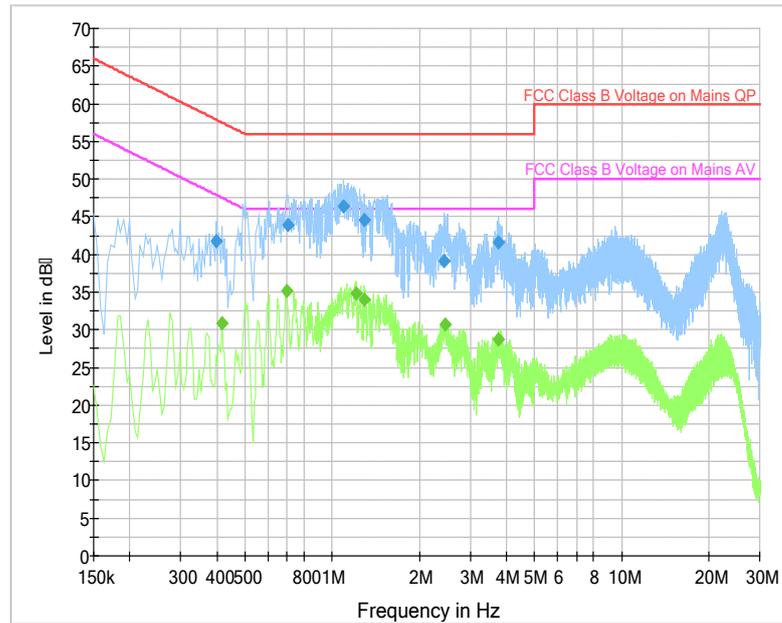


Fig. 115 AC Power line Conducted Emission (Traffic, AE5)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.397500 | 41.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 16.1 | 57.9 |
| 0.703500 | 43.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.1 | 56.0 |
| 1.095000 | 46.5 | 2000.0 | 9.000 | On | L1 | 19.7 | 9.5 | 56.0 |
| 1.293000 | 44.7 | 2000.0 | 9.000 | On | L1 | 19.6 | 11.3 | 56.0 |
| 2.445000 | 39.1 | 2000.0 | 9.000 | On | L1 | 19.6 | 16.9 | 56.0 |
| 3.768000 | 41.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.4 | 56.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.415500 | 30.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 16.7 | 47.5 |
| 0.699000 | 35.2 | 2000.0 | 9.000 | On | L1 | 19.8 | 10.9 | 46.0 |
| 1.207500 | 34.8 | 2000.0 | 9.000 | On | L1 | 19.7 | 11.2 | 46.0 |
| 1.293000 | 34.0 | 2000.0 | 9.000 | On | L1 | 19.6 | 12.0 | 46.0 |
| 2.458500 | 30.8 | 2000.0 | 9.000 | On | L1 | 19.6 | 15.2 | 46.0 |
| 3.763500 | 28.7 | 2000.0 | 9.000 | On | L1 | 19.7 | 17.3 | 46.0 |

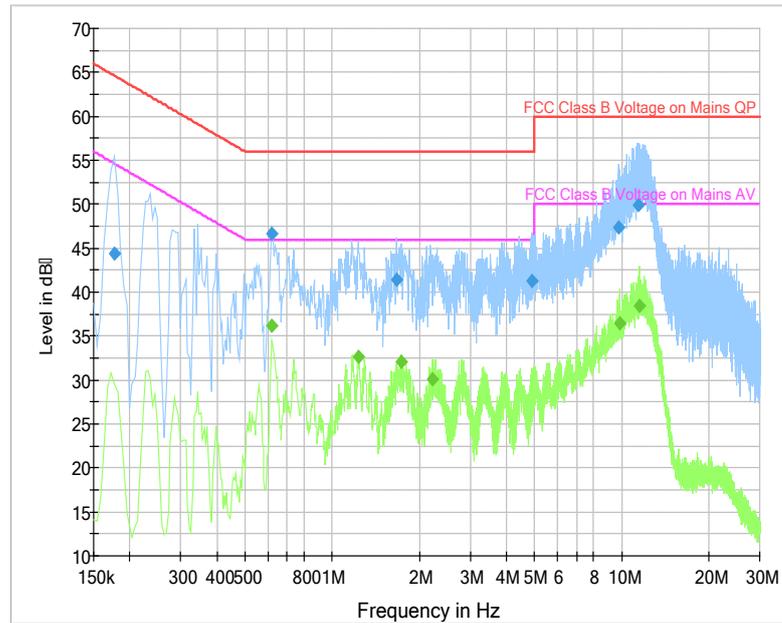


Fig. 116 AC Power line Conducted Emission (Traffic, AE6)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.177000 | 44.4 | 2000.0 | 9.000 | On | L1 | 19.7 | 20.2 | 64.6 |
| 0.618000 | 46.6 | 2000.0 | 9.000 | On | L1 | 19.8 | 9.4 | 56.0 |
| 1.666500 | 41.4 | 2000.0 | 9.000 | On | L1 | 19.6 | 14.6 | 56.0 |
| 4.911000 | 41.2 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.8 | 56.0 |
| 9.726000 | 47.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.7 | 60.0 |
| 11.467500 | 49.9 | 2000.0 | 9.000 | On | L1 | 19.9 | 10.1 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.618000 | 36.2 | 2000.0 | 9.000 | On | L1 | 19.8 | 9.8 | 46.0 |
| 1.234500 | 32.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 13.4 | 46.0 |
| 1.734000 | 32.1 | 2000.0 | 9.000 | On | L1 | 19.7 | 13.9 | 46.0 |
| 2.229000 | 30.2 | 2000.0 | 9.000 | On | L1 | 19.6 | 15.8 | 46.0 |
| 9.861000 | 36.5 | 2000.0 | 9.000 | On | L1 | 19.8 | 13.5 | 50.0 |
| 11.476500 | 38.5 | 2000.0 | 9.000 | On | L1 | 19.9 | 11.5 | 50.0 |

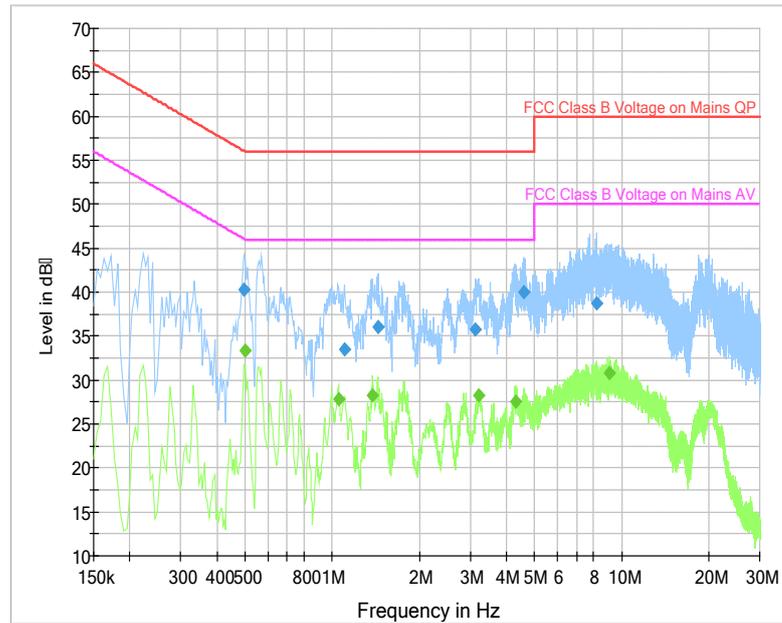


Fig. 117 AC Power line Conducted Emission (Traffic, AE7)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.496500 | 40.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 15.8 | 56.1 |
| 1.099500 | 33.4 | 2000.0 | 9.000 | On | L1 | 19.7 | 22.6 | 56.0 |
| 1.441500 | 36.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 20.0 | 56.0 |
| 3.115500 | 35.8 | 2000.0 | 9.000 | On | L1 | 19.6 | 20.2 | 56.0 |
| 4.600500 | 40.1 | 2000.0 | 9.000 | On | L1 | 19.6 | 15.9 | 56.0 |
| 8.227500 | 38.7 | 2000.0 | 9.000 | On | L1 | 19.7 | 21.3 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.501000 | 33.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.7 | 46.0 |
| 1.050000 | 27.8 | 2000.0 | 9.000 | On | L1 | 19.7 | 18.2 | 46.0 |
| 1.383000 | 28.3 | 2000.0 | 9.000 | On | L1 | 19.7 | 17.7 | 46.0 |
| 3.205500 | 28.3 | 2000.0 | 9.000 | On | L1 | 19.7 | 17.7 | 46.0 |
| 4.312500 | 27.5 | 2000.0 | 9.000 | On | L1 | 19.6 | 18.5 | 46.0 |
| 9.105000 | 30.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 19.2 | 50.0 |

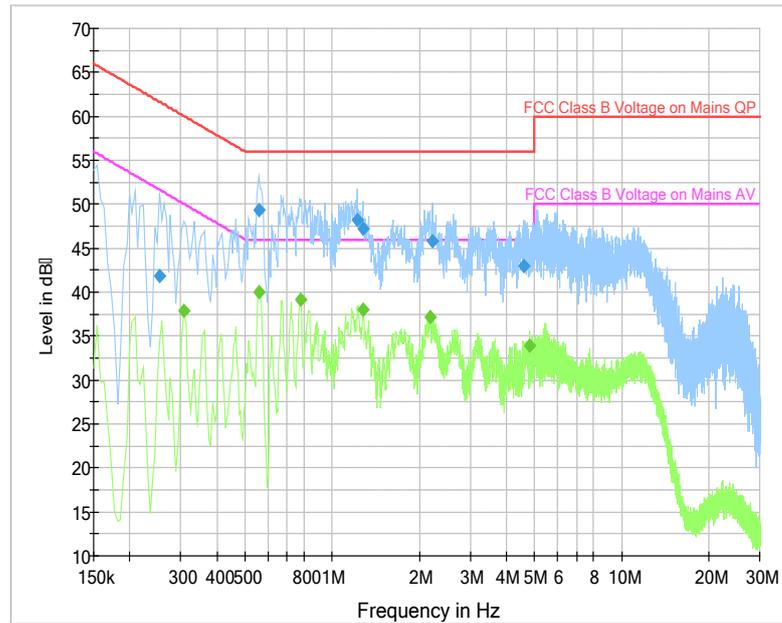


Fig. 118 AC Power line Conducted Emission (Traffic, AE8)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.253500 | 41.8 | 2000.0 | 9.000 | On | N | 19.8 | 19.8 | 61.6 |
| 0.559500 | 49.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 6.7 | 56.0 |
| 1.221000 | 48.2 | 2000.0 | 9.000 | On | L1 | 19.7 | 7.8 | 56.0 |
| 1.275000 | 47.2 | 2000.0 | 9.000 | On | L1 | 19.7 | 8.8 | 56.0 |
| 2.224500 | 45.8 | 2000.0 | 9.000 | On | L1 | 19.6 | 10.2 | 56.0 |
| 4.587000 | 43.0 | 2000.0 | 9.000 | On | L1 | 19.6 | 13.0 | 56.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|-----------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.307500 | 37.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 12.1 | 50.0 |
| 0.559500 | 40.0 | 2000.0 | 9.000 | On | L1 | 19.8 | 6.0 | 46.0 |
| 0.780000 | 39.1 | 2000.0 | 9.000 | On | L1 | 19.8 | 6.9 | 46.0 |
| 1.275000 | 38.0 | 2000.0 | 9.000 | On | L1 | 19.7 | 8.0 | 46.0 |
| 2.184000 | 37.1 | 2000.0 | 9.000 | On | L1 | 19.6 | 8.9 | 46.0 |
| 4.812000 | 33.9 | 2000.0 | 9.000 | On | L1 | 19.7 | 12.1 | 46.0 |

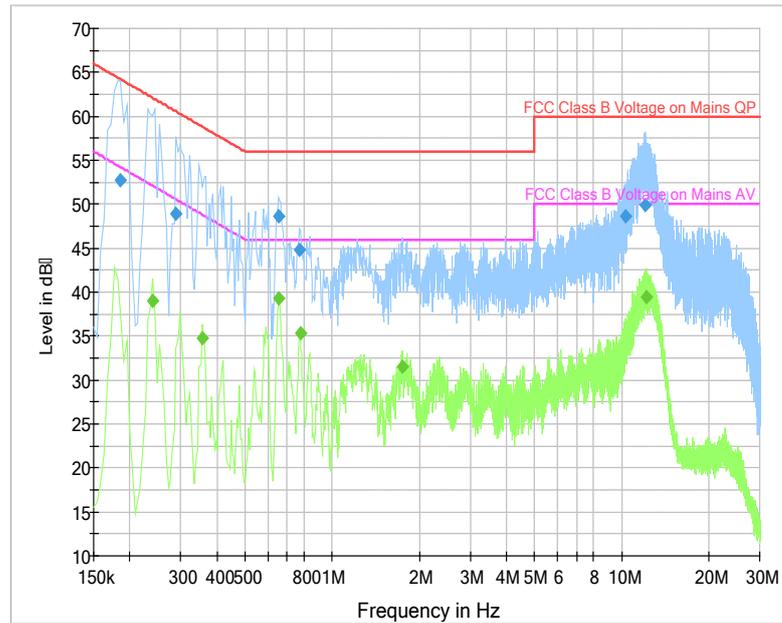


Fig. 119 AC Power line Conducted Emission (Traffic, AE9)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.186000 | 52.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 11.4 | 64.2 |
| 0.289500 | 48.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 11.7 | 60.5 |
| 0.654000 | 48.7 | 2000.0 | 9.000 | On | L1 | 19.8 | 7.3 | 56.0 |
| 0.771000 | 44.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 11.2 | 56.0 |
| 10.351500 | 48.7 | 2000.0 | 9.000 | On | L1 | 19.8 | 11.3 | 60.0 |
| 12.111000 | 50.0 | 2000.0 | 9.000 | On | L1 | 19.9 | 10.0 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|-----------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.240000 | 39.0 | 2000.0 | 9.000 | On | L1 | 19.8 | 13.1 | 52.1 |
| 0.357000 | 34.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 14.0 | 48.8 |
| 0.654000 | 39.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 6.7 | 46.0 |
| 0.775500 | 35.3 | 2000.0 | 9.000 | On | L1 | 19.8 | 10.7 | 46.0 |
| 1.747500 | 31.5 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.5 | 46.0 |
| 12.196500 | 39.5 | 2000.0 | 9.000 | On | L1 | 19.9 | 10.5 | 50.0 |

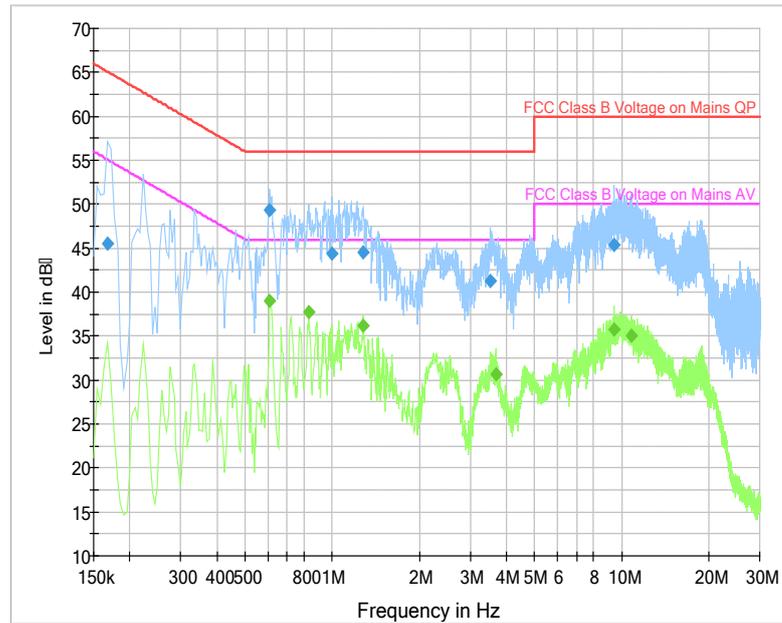


Fig. 120 AC Power line Conducted Emission (Traffic, AE10)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.168000 | 45.5 | 2000.0 | 9.000 | On | L1 | 19.7 | 19.6 | 65.1 |
| 0.609000 | 49.4 | 2000.0 | 9.000 | On | L1 | 19.8 | 6.6 | 56.0 |
| 1.000500 | 44.4 | 2000.0 | 9.000 | On | N | 19.7 | 11.6 | 56.0 |
| 1.275000 | 44.5 | 2000.0 | 9.000 | On | N | 19.7 | 11.5 | 56.0 |
| 3.516000 | 41.3 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.7 | 56.0 |
| 9.388500 | 45.4 | 2000.0 | 9.000 | On | L1 | 19.8 | 14.6 | 60.0 |

MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.609000 | 39.0 | 2000.0 | 9.000 | On | N | 19.8 | 7.0 | 46.0 |
| 0.829500 | 37.7 | 2000.0 | 9.000 | On | L1 | 19.8 | 8.3 | 46.0 |
| 1.279500 | 36.2 | 2000.0 | 9.000 | On | L1 | 19.7 | 9.8 | 46.0 |
| 3.669000 | 30.7 | 2000.0 | 9.000 | On | N | 19.7 | 15.3 | 46.0 |
| 9.447000 | 35.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 14.2 | 50.0 |
| 10.833000 | 35.0 | 2000.0 | 9.000 | On | L1 | 19.8 | 15.0 | 50.0 |

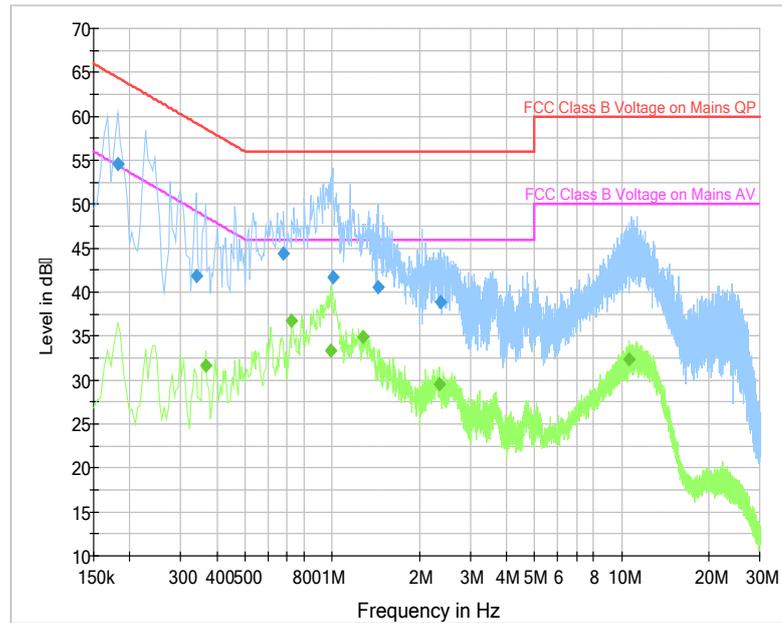


Fig. 121 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

| Frequency (MHz) | QuasiPeak (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|------------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.181500 | 54.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 9.9 | 64.4 |
| 0.339000 | 41.9 | 2000.0 | 9.000 | On | L1 | 19.8 | 17.4 | 59.2 |
| 0.681000 | 44.4 | 2000.0 | 9.000 | On | N | 19.8 | 11.6 | 56.0 |
| 1.005000 | 41.7 | 2000.0 | 9.000 | On | L1 | 19.7 | 14.3 | 56.0 |
| 1.446000 | 40.6 | 2000.0 | 9.000 | On | N | 19.7 | 15.4 | 56.0 |
| 2.364000 | 38.9 | 2000.0 | 9.000 | On | L1 | 19.6 | 17.1 | 56.0 |

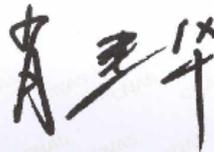
MEASUREMENT RESULT: " Average "

| Frequency (MHz) | CAverage (dB μ V) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dB μ V) |
|-----------------|-----------------------|-----------------|-----------------|--------|------|------------|-------------|--------------------|
| 0.366000 | 31.7 | 2000.0 | 9.000 | On | L1 | 19.8 | 16.9 | 48.6 |
| 0.726000 | 36.8 | 2000.0 | 9.000 | On | L1 | 19.8 | 9.2 | 46.0 |
| 0.987000 | 33.4 | 2000.0 | 9.000 | On | L1 | 19.7 | 12.6 | 46.0 |
| 1.275000 | 34.9 | 2000.0 | 9.000 | On | L1 | 19.7 | 11.1 | 46.0 |
| 2.355000 | 29.5 | 2000.0 | 9.000 | On | L1 | 19.6 | 16.5 | 46.0 |
| 10.630500 | 32.4 | 2000.0 | 9.000 | On | L1 | 19.8 | 17.6 | 50.0 |

ANNEX D: Persons involved in this testing

| Test Name | Tester |
|---|----------------------|
| Maximum Peak Output Power | Xu Ye, Tang Weisheng |
| Peak Power Spectral Density | Xu Ye, Tang Weisheng |
| Occupied 6dB Bandwidth | Xu Ye, Tang Weisheng |
| Band Edges Compliance | Xu Ye, Tang Weisheng |
| Transmitter Spurious Emission - Conducted | Xu Ye, Tang Weisheng |
| Transmitter Spurious Emission - Radiated | Xu Ye, Tang Weisheng |
| AC Powerline Conducted Emission | Xu Ye, Tang Weisheng |

ANNEX E: Accreditation Certificate

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|   |
| 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