

Test Report No.10047233 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10047233AppendixD)

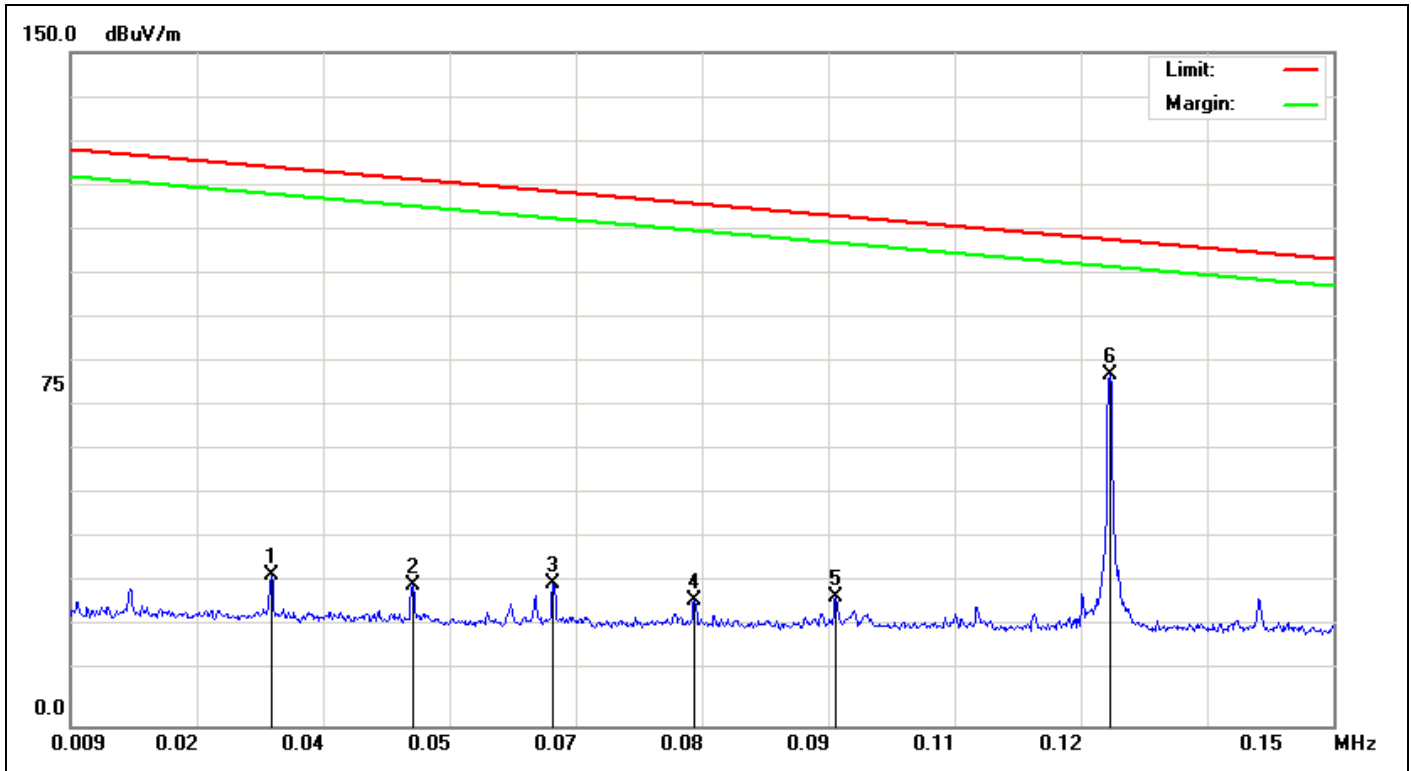
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Fundamental 125 kHz and Spurious Emissions, TX Mode, 9-150 kHz



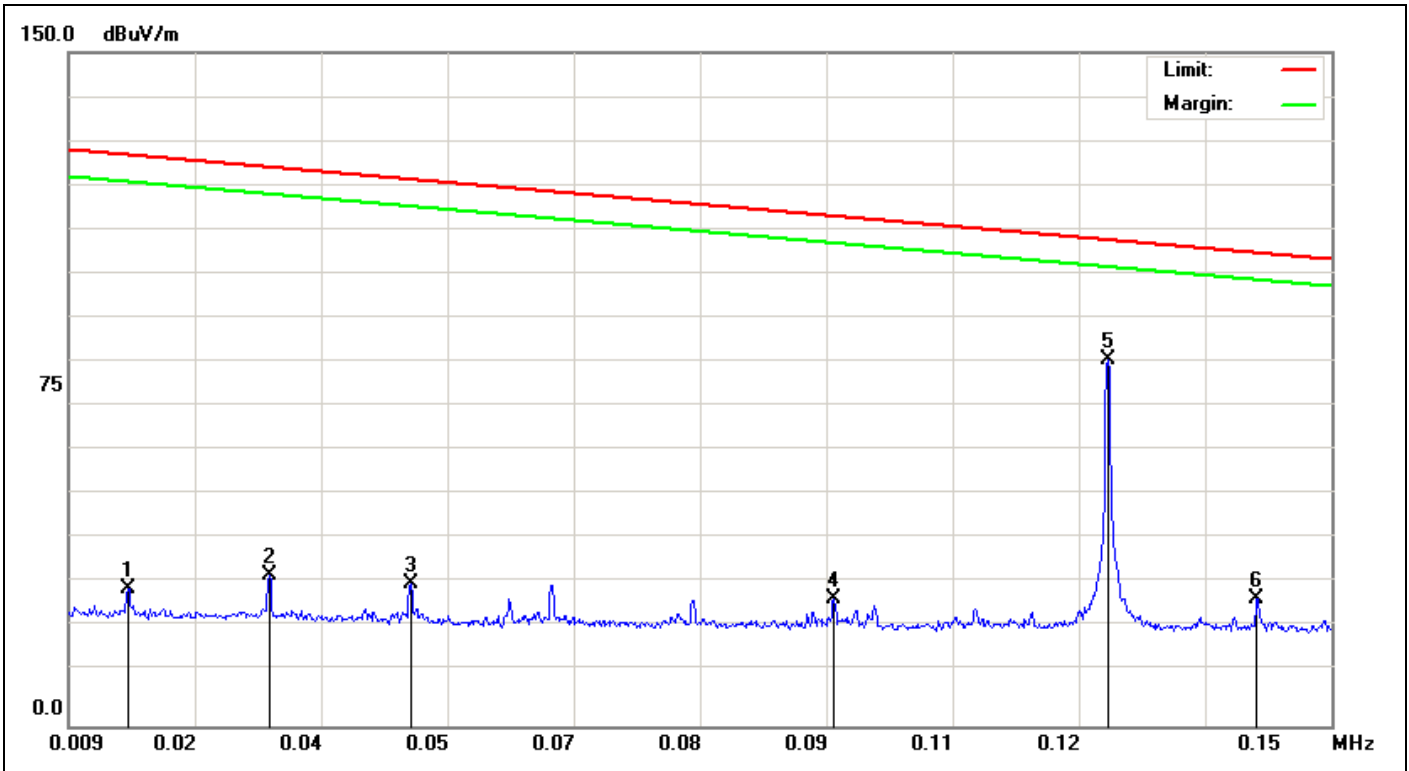
TUV Rheinland Taiwan
 11F.,No.758,Sec. 4,Bade Rd.,Songsan Dist.,Taipei 105,Taiwan
 Tel:+886-2-2172-7000 Fax:+886-2-2528-0018



| | | | |
|-----------------------|------------------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 13:18:09 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:FL30NU | | |

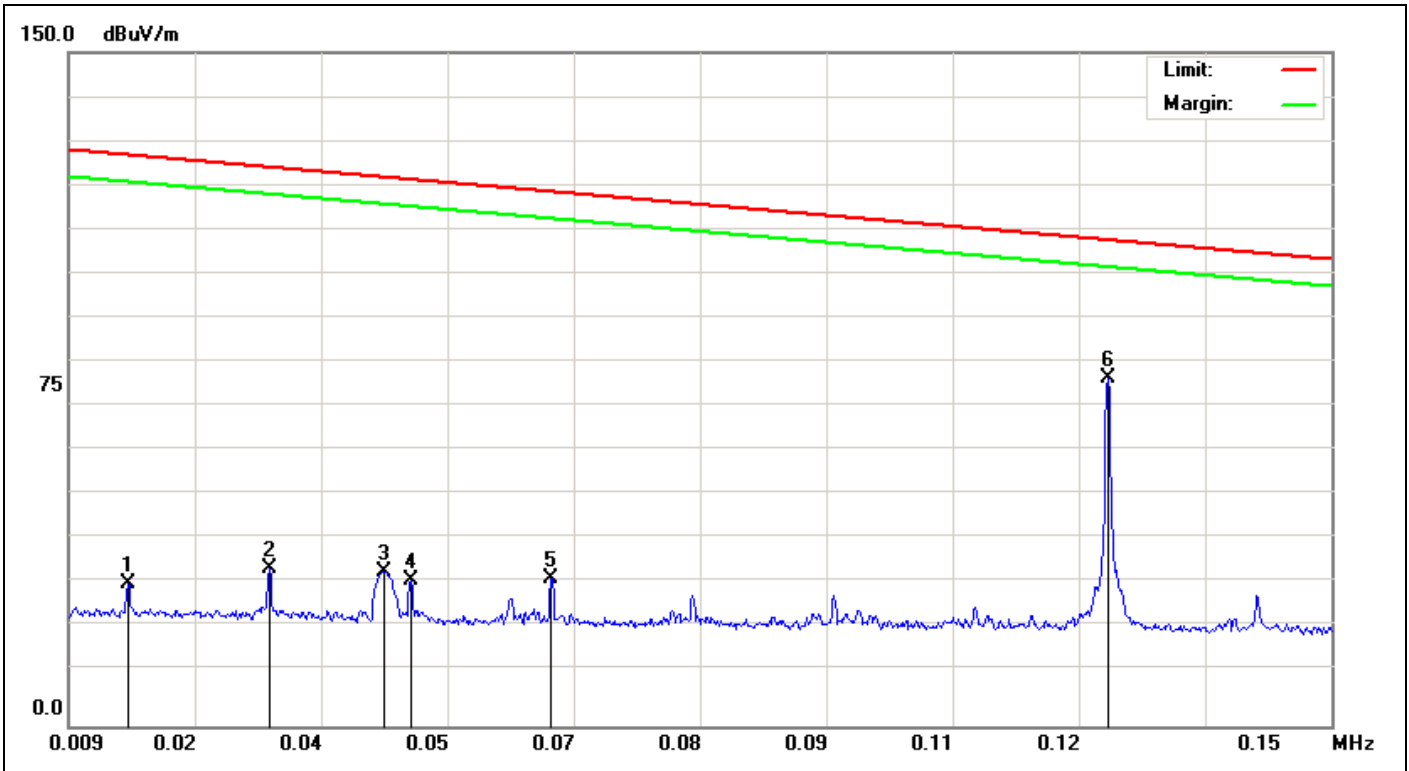
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0314 | 20.64 | 13.00 | 33.64 | 117.67 | -84.03 | peak | 100 | 189 | |
| 2 | 0.0472 | 19.77 | 11.53 | 31.30 | 114.13 | -82.83 | peak | 100 | 200 | |
| 3 | 0.0629 | 19.55 | 12.01 | 31.56 | 111.63 | -80.07 | peak | 100 | 170 | |
| 4 | 0.0787 | 19.46 | 8.38 | 27.84 | 109.68 | -81.84 | peak | 100 | 160 | |
| 5 | 0.0944 | 19.37 | 9.14 | 28.51 | 108.10 | -79.59 | peak | 100 | 99 | |
| 6 | 0.1250 | 19.30 | 58.90 | 78.20 | 105.67 | -27.47 | peak | 100 | 155 | |

Fundamental 125 kHz and Spurious Emissions, TX Mode 9-150 kHz



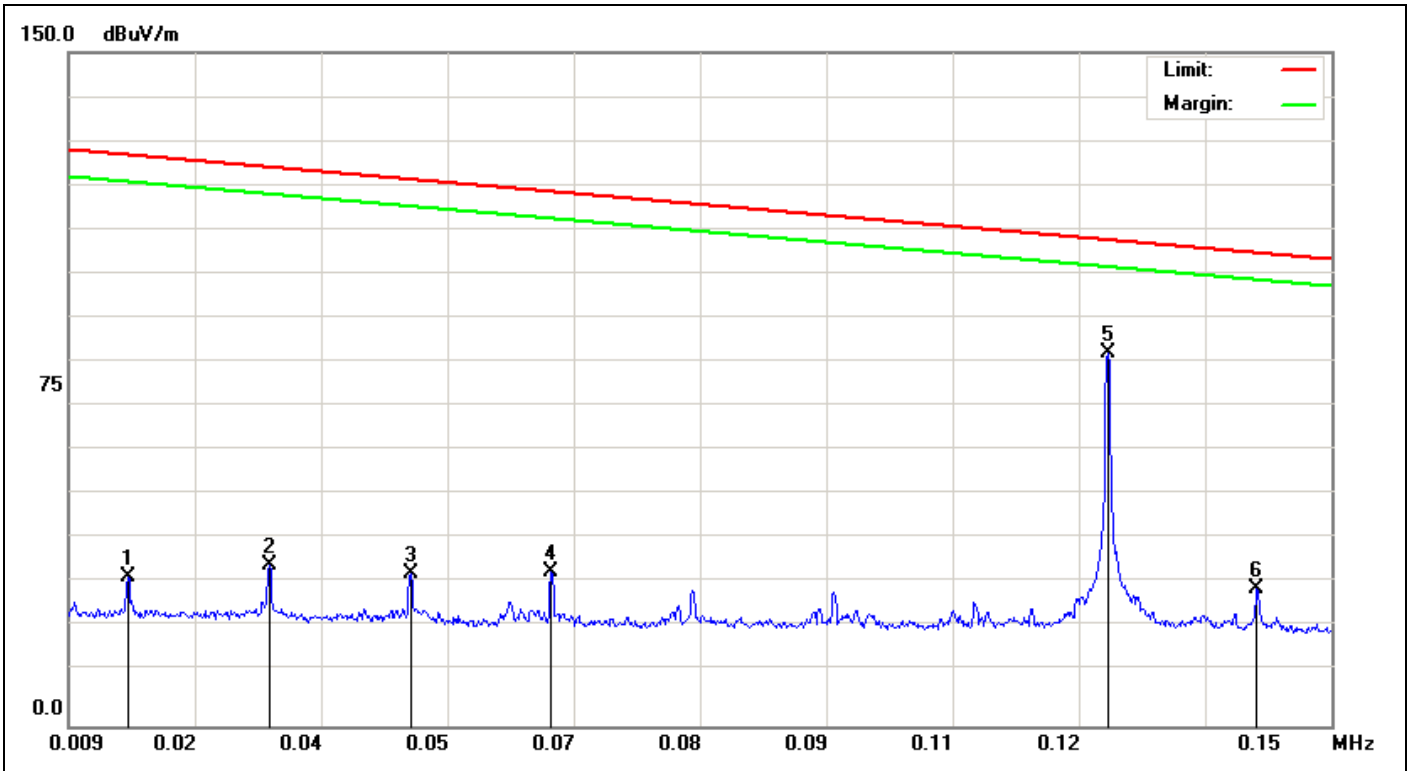
| | | | |
|-----------------------|------------------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 17:38:35 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | Normal function | | |
| Remark: | Antenna model:FL45NU | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0156 | 20.30 | 10.33 | 30.63 | 123.66 | -93.03 | peak | 100 | 320 | |
| 2 | 0.0314 | 20.64 | 13.06 | 33.70 | 117.60 | -83.90 | peak | 200 | 298 | |
| 3 | 0.0472 | 19.77 | 12.05 | 31.82 | 114.07 | -82.25 | peak | 200 | 0 | |
| 4 | 0.0944 | 19.37 | 8.84 | 28.21 | 108.06 | -79.85 | peak | 100 | 163 | |
| 5 | 0.1250 | 19.30 | 62.25 | 81.55 | 105.63 | -24.08 | peak | 100 | 155 | |
| 6 | 0.1417 | 19.29 | 9.12 | 28.41 | 104.55 | -76.14 | peak | 100 | 139 | |



| | | | |
|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/5 11:44:29 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 25.5(°C)/53% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG27U | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0156 | 20.30 | 11.40 | 31.70 | 123.66 | -91.96 | peak | 100 | 202 | |
| 2 | 0.0314 | 20.64 | 14.43 | 35.07 | 117.60 | -82.53 | peak | 100 | 264 | |
| 3 | 0.0442 | 19.94 | 14.55 | 34.49 | 114.64 | -80.15 | peak | 100 | 221 | |
| 4 | 0.0472 | 19.77 | 12.65 | 32.42 | 114.07 | -81.65 | peak | 100 | 229 | |
| 5 | 0.0629 | 19.55 | 13.25 | 32.80 | 111.58 | -78.78 | peak | 100 | 349 | |
| 6 | 0.1250 | 19.30 | 57.98 | 77.28 | 105.63 | -28.35 | peak | 100 | 149 | |



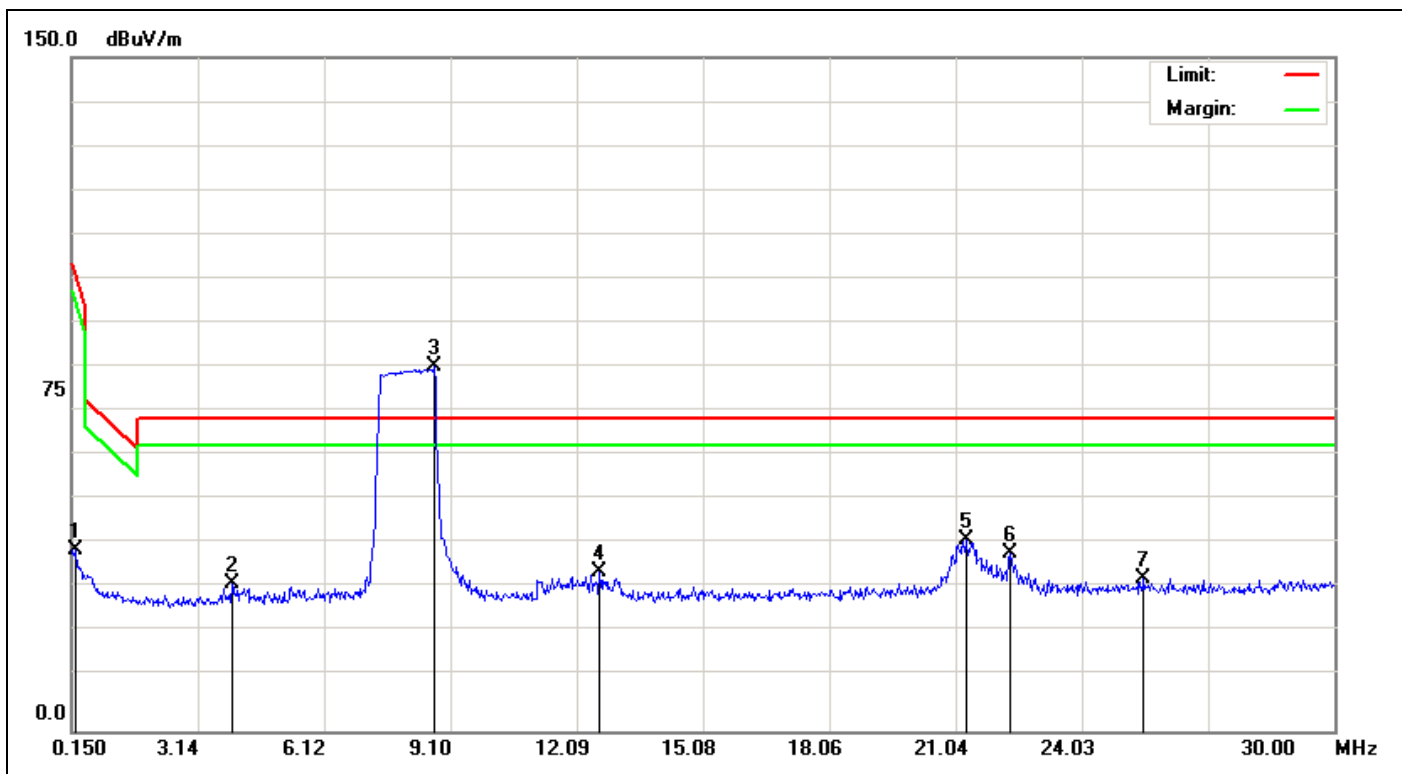
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|-----------------------|------------------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 15:26:39 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG39U | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0156 | 20.30 | 12.81 | 33.11 | 123.66 | -90.55 | peak | 100 | 174 | |
| 2 | 0.0314 | 20.64 | 15.34 | 35.98 | 117.60 | -81.62 | peak | 100 | 0 | |
| 3 | 0.0472 | 19.77 | 14.13 | 33.90 | 114.07 | -80.17 | peak | 100 | 1 | |
| 4 | 0.0629 | 19.55 | 14.63 | 34.18 | 111.58 | -77.40 | peak | 100 | 203 | |
| 5 | 0.1250 | 19.30 | 63.89 | 83.19 | 105.63 | -22.44 | peak | 100 | 187 | |
| 6 | 0.1417 | 19.29 | 11.30 | 30.59 | 104.55 | -73.96 | peak | 100 | 137 | |

Spurious Emissions, TX Mode, 150 kHz -30MHz

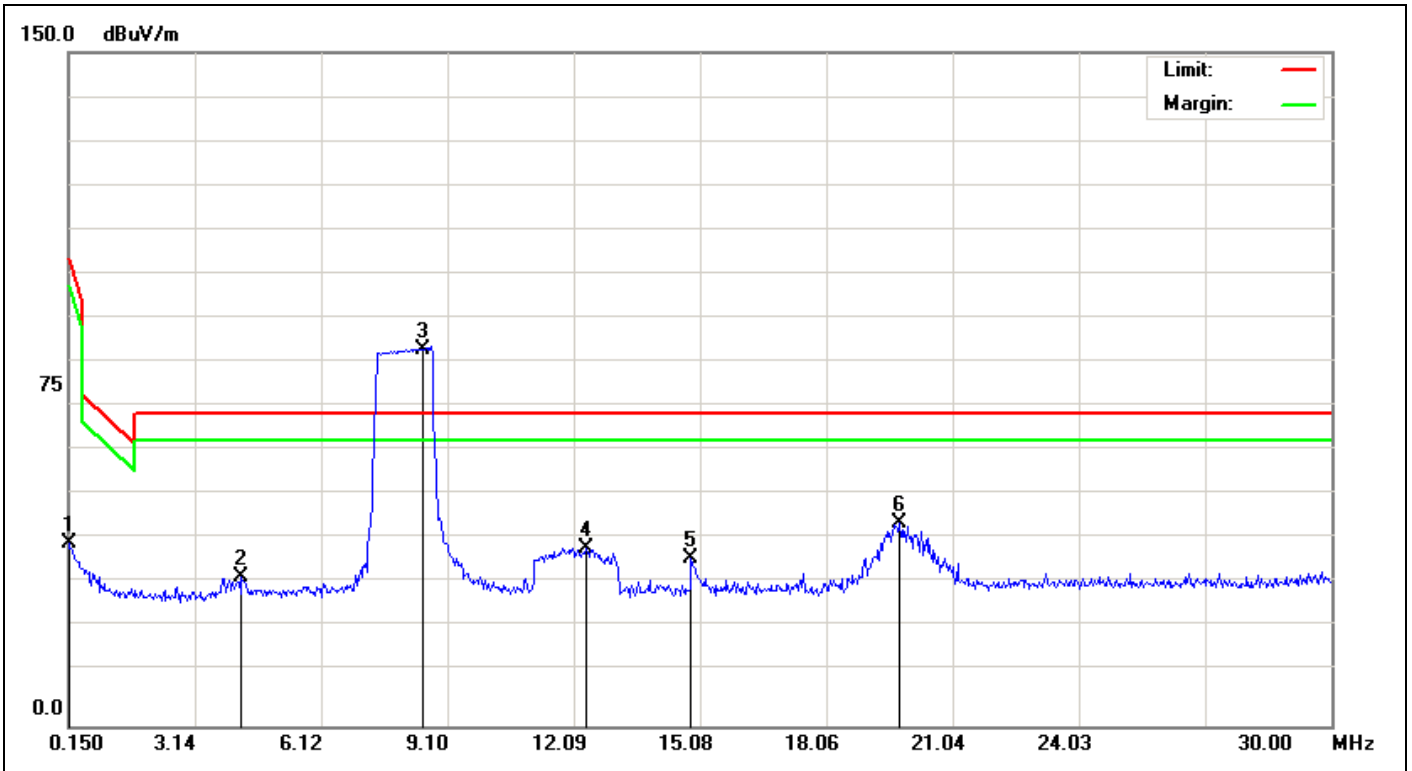


TUV Rheinland Taiwan
 11F.,No.758,Sec. 4,Bade Rd.,Songsan Dist.,Taipei 105,Taiwan
 Tel:+886-2-2172-7000 Fax:+886-2-2528-0018



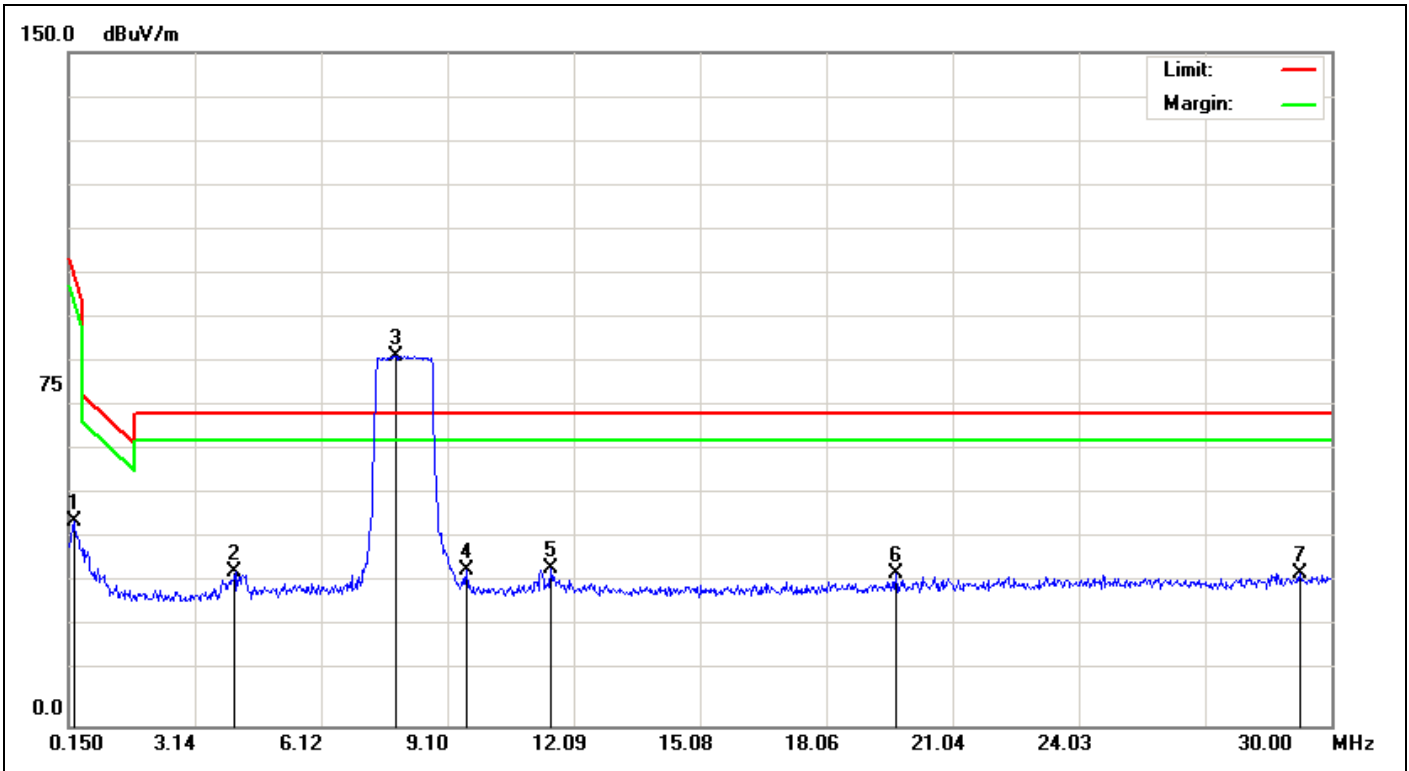
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|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 13:19:20 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:FL30NU | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|-------------|
| 1 | 0.2395 | 19.15 | 21.13 | 40.28 | 100.02 | -59.74 | peak | | | |
| 2 | 3.9409 | 19.61 | 13.23 | 32.84 | 69.54 | -36.70 | peak | | | |
| 3 | 8.7169 | 20.51 | 60.50 | 81.01 | 69.54 | 11.47 | peak | | | fundamental |
| 4 | 12.6273 | 20.87 | 14.66 | 35.53 | 69.54 | -34.01 | peak | | | |
| 5 | 21.2838 | 21.42 | 21.20 | 42.62 | 69.54 | -26.92 | peak | | | |
| 6 | 22.3285 | 21.47 | 18.08 | 39.55 | 69.54 | -29.99 | peak | | | |
| 7 | 25.4926 | 21.64 | 12.33 | 33.97 | 69.54 | -35.57 | peak | | | |



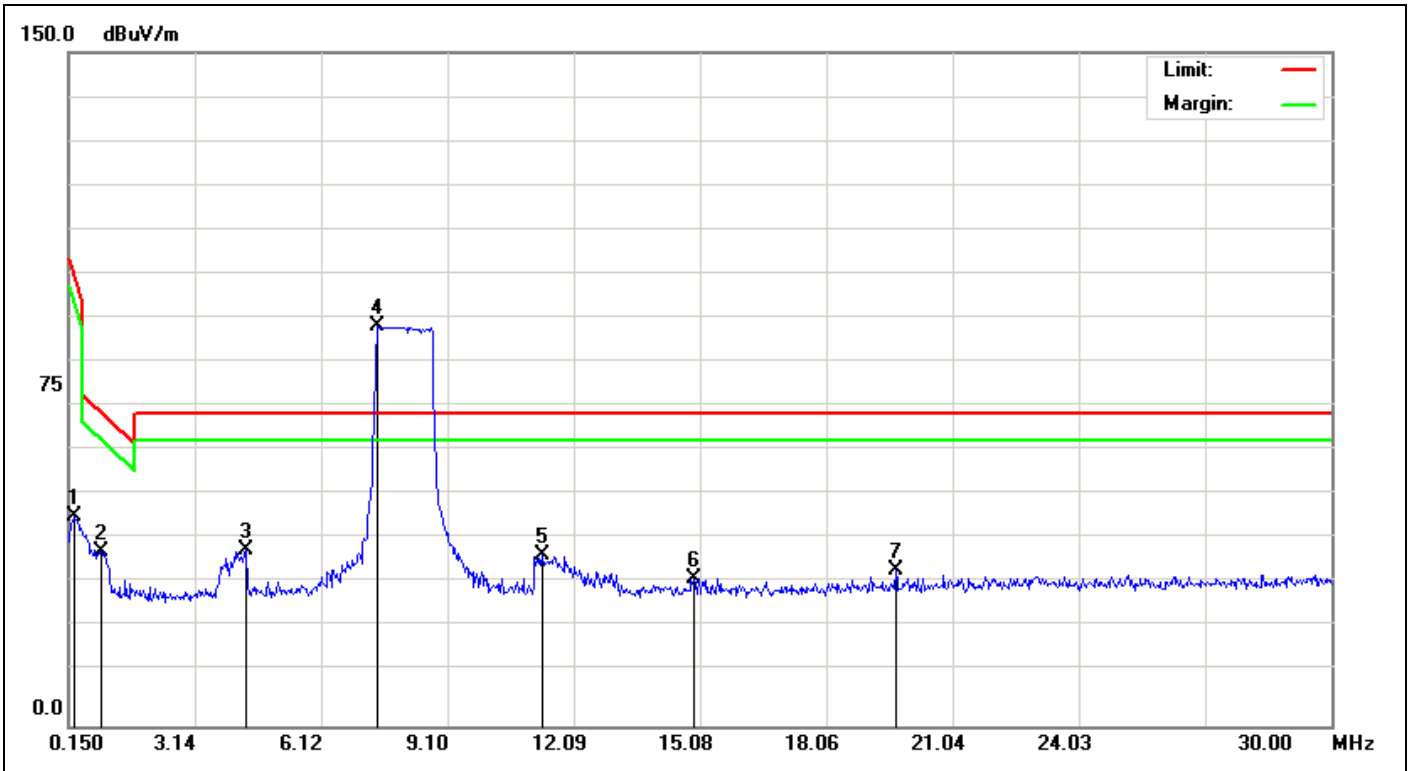
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|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 17:40:11 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | Normal function | | |
| Remark: | Antenna model:FL45NU | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|-------------|
| 1 | 0.1500 | 19.27 | 21.24 | 40.51 | 104.02 | -63.51 | peak | 100 | 360 | |
| 2 | 4.2394 | 19.72 | 13.56 | 33.28 | 69.54 | -36.26 | peak | 100 | 208 | |
| 3 | 8.5080 | 20.48 | 63.50 | 83.98 | 69.54 | 14.44 | peak | 100 | 22 | fundamental |
| 4 | 12.3885 | 20.84 | 18.86 | 39.70 | 69.54 | -29.84 | peak | 100 | 147 | |
| 5 | 14.8660 | 21.01 | 16.48 | 37.49 | 69.54 | -32.05 | peak | 100 | 155 | |
| 6 | 19.7913 | 21.34 | 23.99 | 45.33 | 69.54 | -24.21 | peak | 100 | 157 | |



| | | | |
|-----------------------|------------------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/5 11:46:06 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 25.5(°C)/53% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG27U | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|-------------|
| 1 | 0.2694 | 19.12 | 26.27 | 45.39 | 98.98 | -53.59 | peak | 100 | 360 | |
| 2 | 4.0901 | 19.66 | 14.65 | 34.31 | 69.54 | -35.23 | peak | 100 | 56 | |
| 3 | 7.8811 | 20.39 | 61.99 | 82.38 | 69.54 | 12.84 | peak | 100 | 216 | fundamental |
| 4 | 9.5527 | 20.63 | 14.17 | 34.80 | 69.54 | -34.74 | peak | 100 | 1 | |
| 5 | 11.5527 | 20.79 | 14.22 | 35.01 | 69.54 | -34.53 | peak | 100 | 349 | |
| 6 | 19.7018 | 21.33 | 12.52 | 33.85 | 69.54 | -35.69 | peak | 100 | 216 | |
| 7 | 29.2538 | 21.84 | 12.02 | 33.86 | 69.54 | -35.68 | peak | 100 | 98 | |



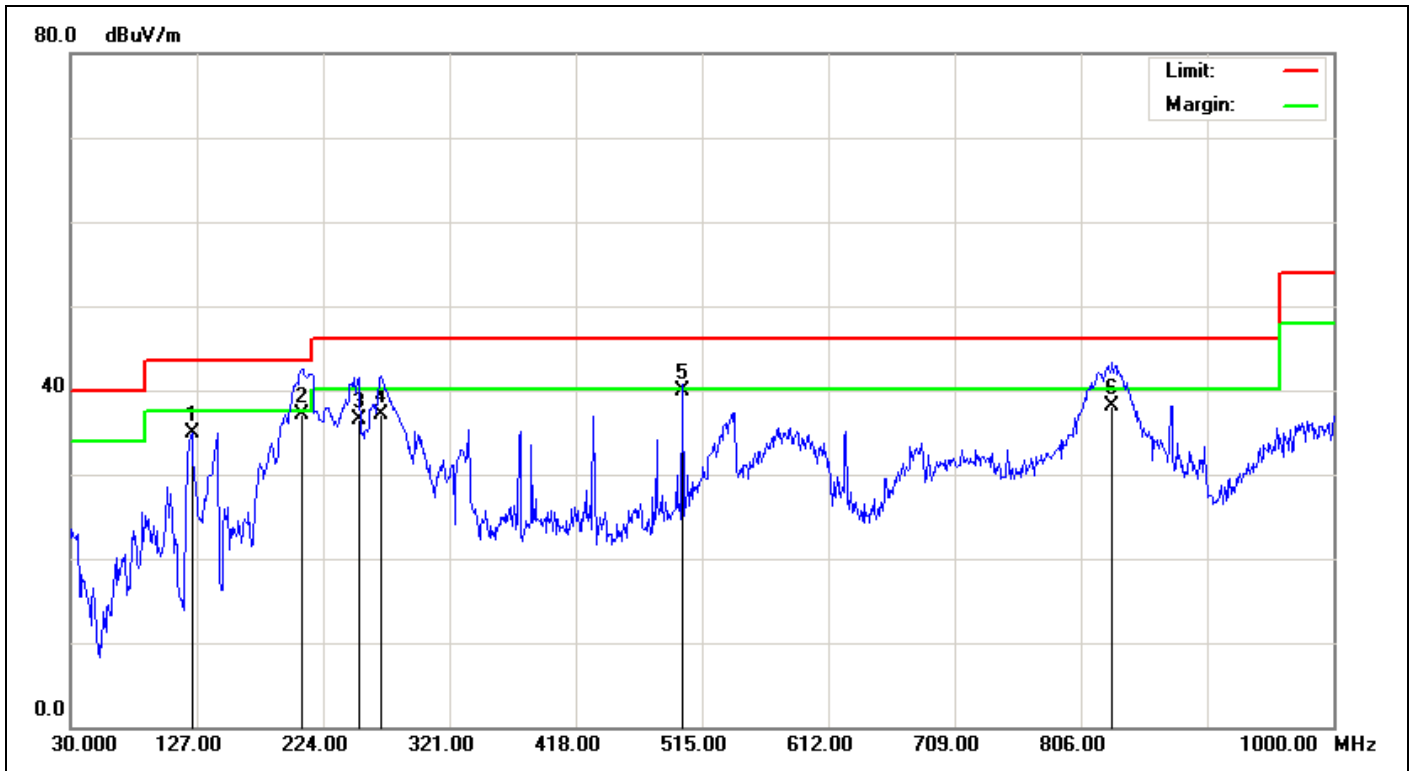
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|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 15:28:26 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG39U | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|-------------|
| 1 | 0.2993 | 19.07 | 27.45 | 46.52 | 98.07 | -51.55 | peak | | | |
| 2 | 0.9261 | 19.35 | 19.65 | 39.00 | 68.29 | -29.29 | peak | | | |
| 3 | 4.3589 | 19.77 | 19.37 | 39.14 | 69.54 | -30.40 | peak | | | |
| 4 | 7.4334 | 20.34 | 68.69 | 89.03 | 69.54 | 19.49 | peak | | | fundamental |
| 5 | 11.3438 | 20.78 | 17.28 | 38.06 | 69.54 | -31.48 | peak | | | |
| 6 | 14.9258 | 21.02 | 11.94 | 32.96 | 69.54 | -36.58 | peak | | | |
| 7 | 19.7018 | 21.33 | 13.47 | 34.80 | 69.54 | -34.74 | peak | | | |

Spurious Emissions, TX Mode, 30MHz-1GHz



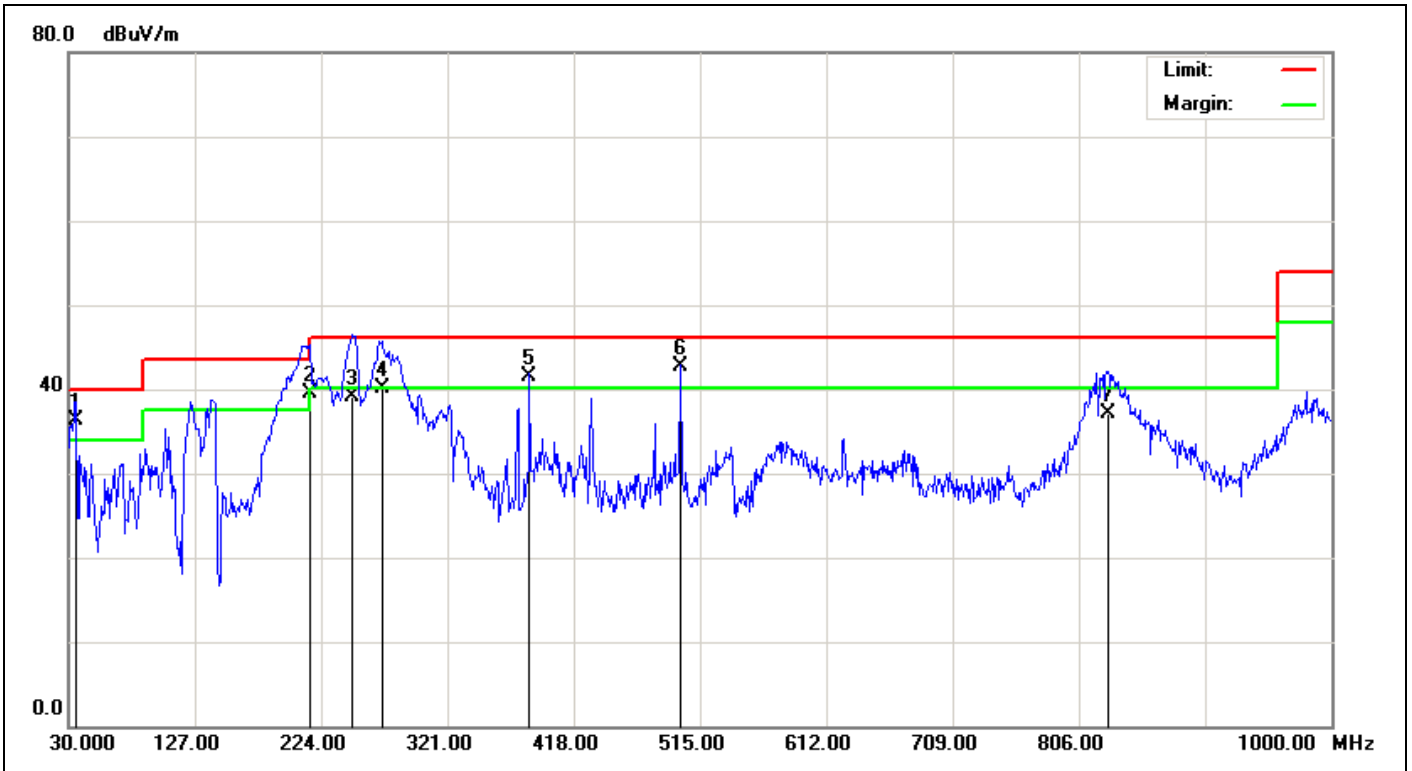
TUV Rheinland Taiwan
 11F.,No.758,Sec. 4,Bade Rd.,Songsan Dist.,Taipei 105,Taiwan
 Tel:+886-2-2172-7000 Fax:+886-2-2528-0018



| | | | |
|-----------------------|-----------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 11:08:26 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:FL30NU | | |

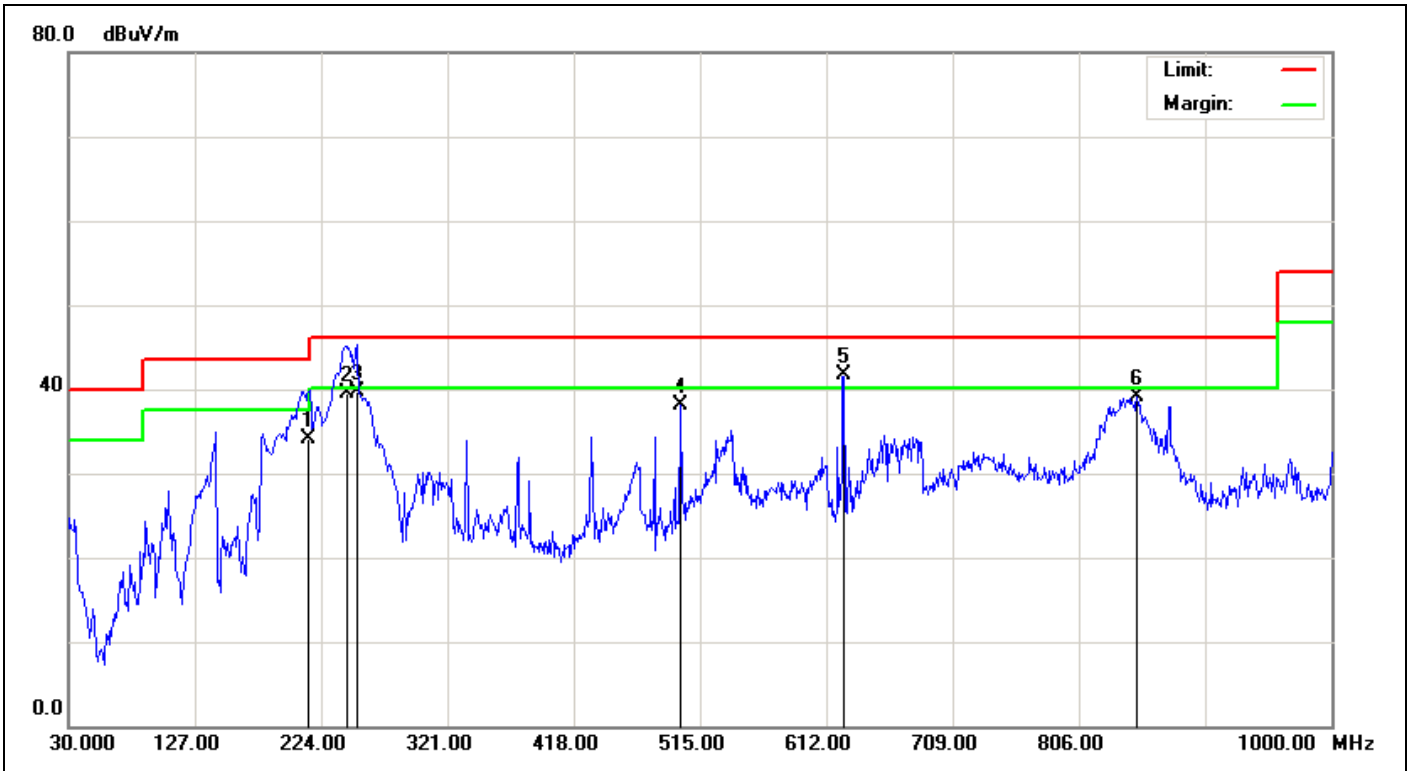
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 123.1200 | -13.17 | 48.11 | 34.94 | 43.52 | -8.58 | QP | 400 | 32 | |
| 2 | 207.5100 | -14.61 | 51.71 | 37.10 | 43.52 | -6.42 | QP | 300 | 102 | |
| 3 | 251.1600 | -11.64 | 48.24 | 36.60 | 46.02 | -9.42 | QP | 200 | 126 | |
| 4 | 268.6200 | -11.27 | 48.37 | 37.10 | 46.02 | -8.92 | QP | 200 | 93 | |
| 5 | 500.4500 | -7.30 | 47.30 | 40.00 | 46.02 | -6.02 | QP | 100 | 311 | |
| 6 | 830.2500 | -2.93 | 41.03 | 38.10 | 46.02 | -7.92 | QP | 100 | 158 | |

Spurious Emissions, TX Mode, 30M-1G



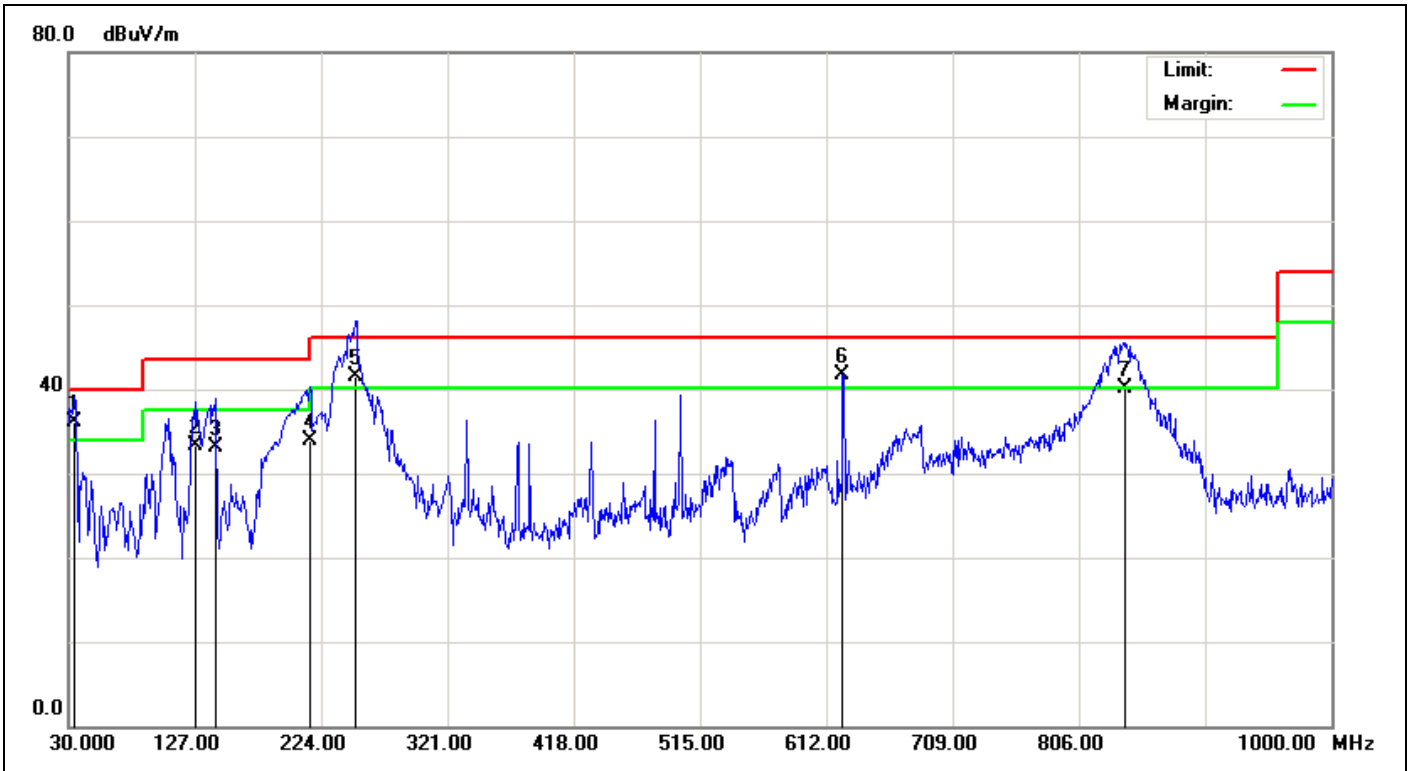
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|-----------------------|------------------------------|---------------------------|--------------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 11:13:22 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:FL30NU | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 35.8200 | -9.28 | 45.58 | 36.30 | 40.00 | -3.70 | QP | 100 | 67 | |
| 2 | 215.2700 | -14.31 | 53.91 | 39.60 | 43.52 | -3.92 | QP | 100 | 256 | |
| 3 | 248.2500 | -11.91 | 51.01 | 39.10 | 46.02 | -6.92 | QP | 100 | 28 | |
| 4 | 270.5600 | -11.33 | 51.53 | 40.20 | 46.02 | -5.82 | QP | 100 | 213 | |
| 5 | 384.0500 | -8.89 | 50.49 | 41.60 | 46.02 | -4.42 | QP | 100 | 150 | |
| 6 | 500.4500 | -7.30 | 50.00 | 42.70 | 46.02 | -3.32 | QP | 100 | 152 | |
| 7 | 828.3100 | -2.97 | 40.17 | 37.20 | 46.02 | -8.82 | QP | 100 | 121 | |



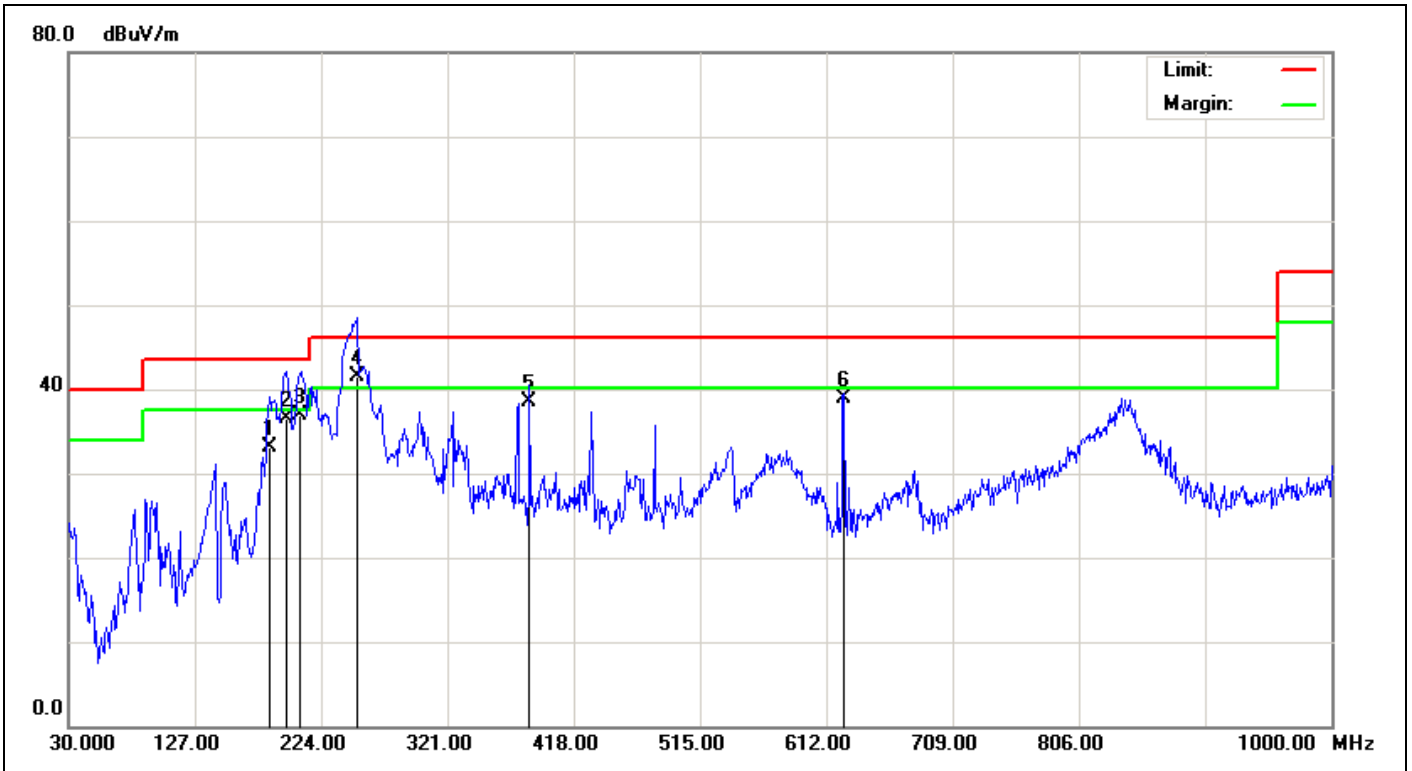
| | | | |
|-----------------------|------------------------------|---------------------------|--------------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 16:56:57 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:FL45NU | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 214.3000 | -14.33 | 48.53 | 34.20 | 43.52 | -9.32 | QP | 200 | 269 | |
| 2 | 243.4000 | -12.37 | 51.87 | 39.50 | 46.02 | -6.52 | QP | 200 | 285 | |
| 3 | 251.1600 | -11.64 | 51.34 | 39.70 | 46.02 | -6.32 | QP | 200 | 221 | |
| 4 | 500.4500 | -7.30 | 45.47 | 38.17 | 46.02 | -7.85 | QP | 100 | 173 | |
| 5 | 625.5800 | -5.71 | 47.51 | 41.80 | 46.02 | -4.22 | QP | 100 | 43 | |
| 6 | 850.6200 | -2.46 | 41.54 | 39.08 | 46.02 | -6.94 | QP | 200 | 177 | |



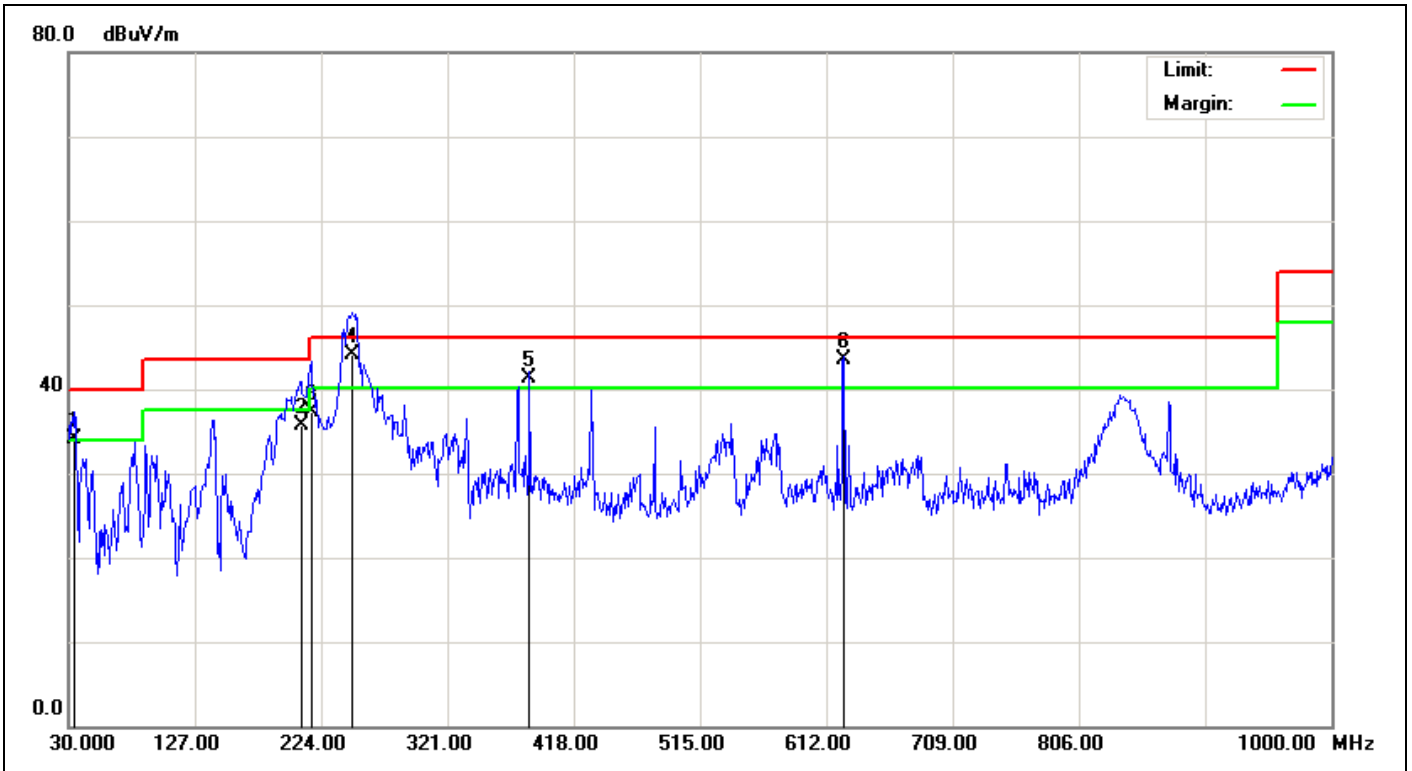
| | | | |
|-----------------------|-----------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 17:01:52 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:FL45NU | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 34.8500 | -8.74 | 44.84 | 36.10 | 40.00 | -3.90 | QP | 100 | 360 | |
| 2 | 127.9700 | -12.94 | 46.34 | 33.40 | 43.52 | -10.12 | QP | 100 | 198 | |
| 3 | 142.5200 | -12.99 | 46.09 | 33.10 | 43.52 | -10.42 | QP | 100 | 198 | |
| 4 | 215.2700 | -14.31 | 48.31 | 34.00 | 43.52 | -9.52 | QP | 221 | 322 | |
| 5 | 250.1900 | -11.72 | 53.22 | 41.50 | 46.02 | -4.52 | QP | 100 | 242 | |
| 6 | 624.6100 | -5.72 | 47.42 | 41.70 | 46.02 | -4.32 | QP | 100 | 168 | |
| 7 | 841.8900 | -2.65 | 42.75 | 40.10 | 46.02 | -5.92 | QP | 100 | 157 | |



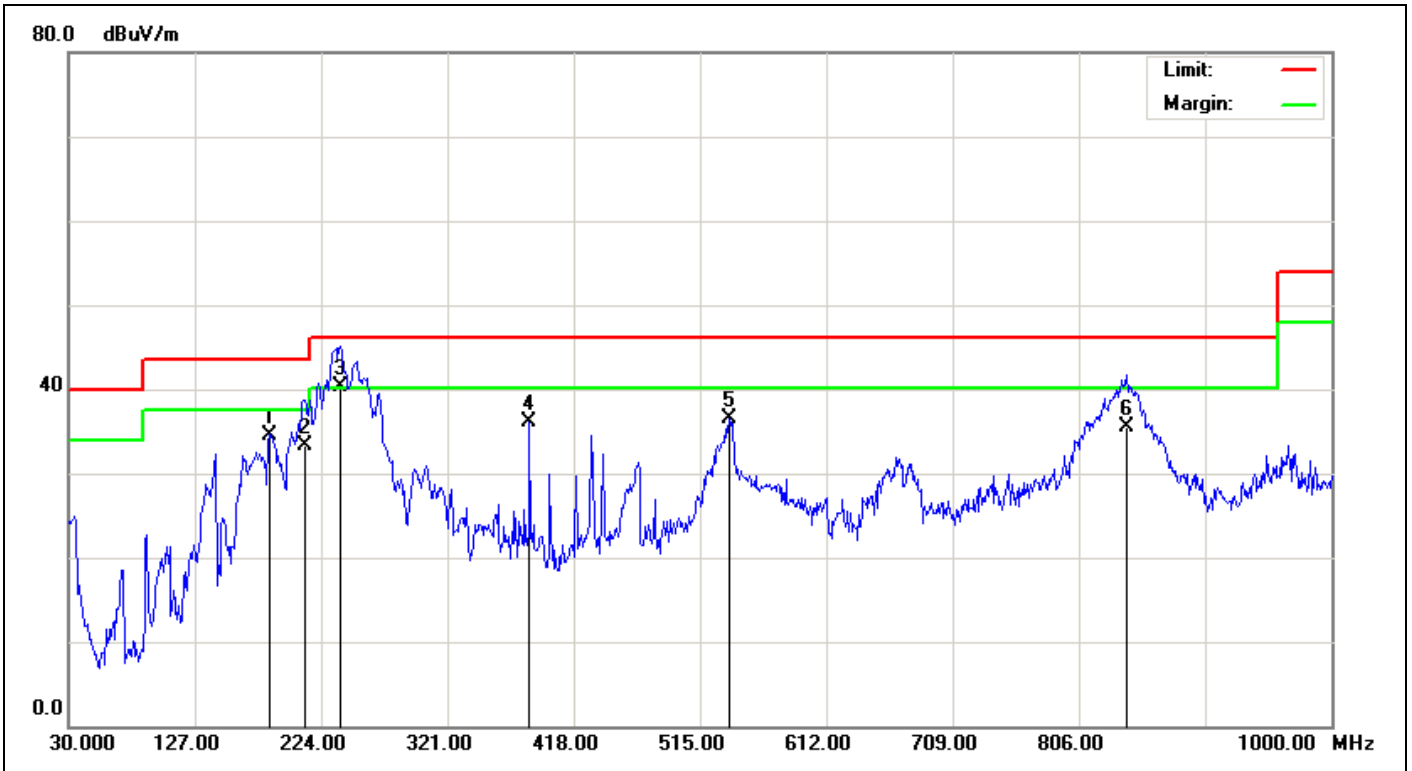
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|-----------------------|------------------------------|---------------------------|--------------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/6/5 11:24:17 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 25.5(°C)/53% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG27U | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 184.2298 | -15.54 | 48.74 | 33.20 | 43.52 | -10.32 | QP | 100 | 270 | |
| 2 | 197.8100 | -15.21 | 51.81 | 36.60 | 43.52 | -6.92 | QP | 100 | 286 | |
| 3 | 208.4798 | -14.55 | 51.55 | 37.00 | 43.52 | -6.52 | QP | 300 | 107 | |
| 4 | 252.1299 | -11.54 | 53.14 | 41.60 | 46.02 | -4.42 | QP | 269 | 99 | |
| 5 | 384.0500 | -8.90 | 47.50 | 38.60 | 46.02 | -7.42 | QP | 300 | 219 | |
| 6 | 625.5800 | -5.71 | 44.61 | 38.90 | 46.02 | -7.12 | QP | 200 | 88 | |



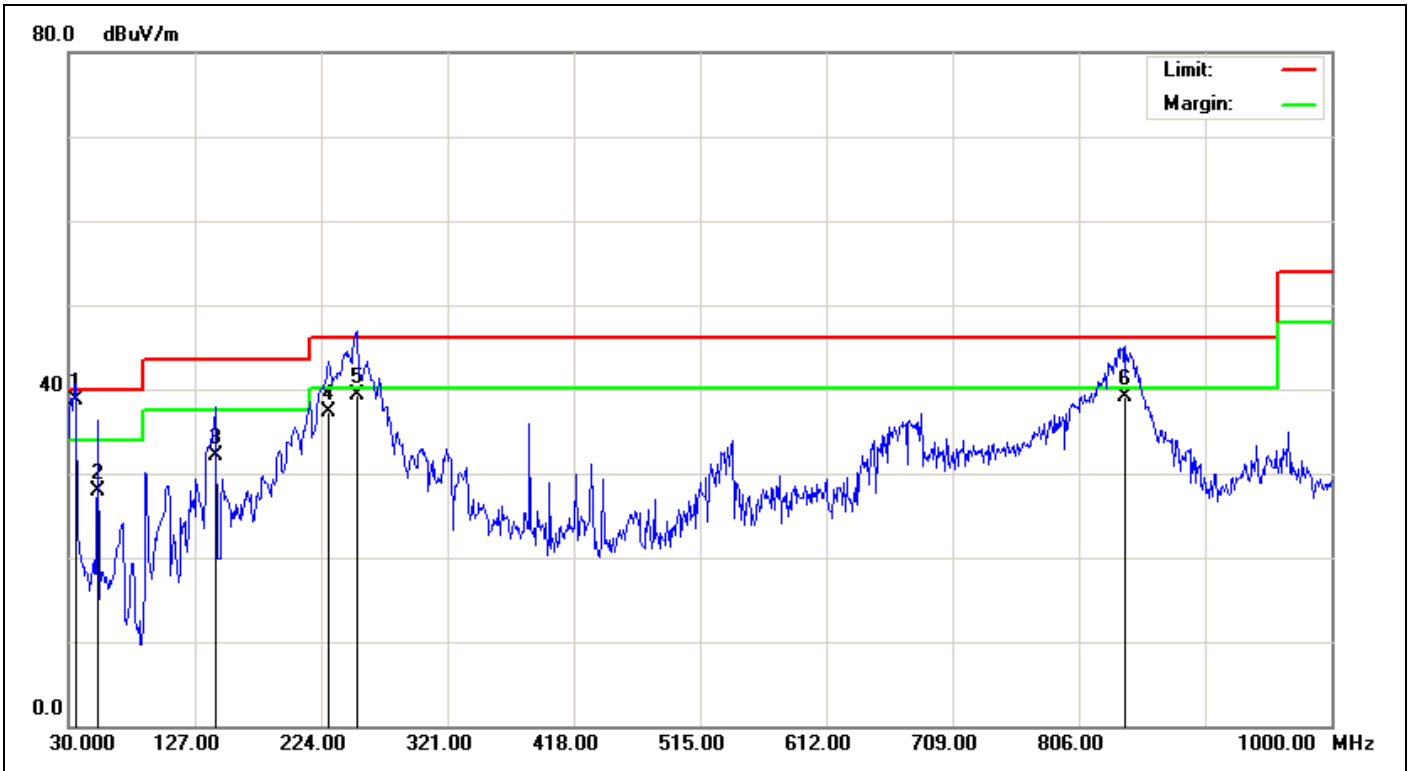
| | | | |
|-----------------------|-----------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/6/5 11:29:13 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 25.5(°C)/53% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG27U | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 34.8500 | -8.74 | 42.84 | 34.10 | 40.00 | -5.90 | QP | 100 | 269 | |
| 2 | 208.4800 | -14.55 | 50.35 | 35.80 | 43.52 | -7.72 | QP | 100 | 338 | |
| 3 | 216.2400 | -14.30 | 51.60 | 37.30 | 46.02 | -8.72 | QP | 100 | 360 | |
| 4 | 247.2800 | -12.00 | 56.10 | 44.10 | 46.02 | -1.92 | QP | 100 | 136 | |
| 5 | 384.0500 | -8.89 | 50.19 | 41.30 | 46.02 | -4.72 | QP | 100 | 360 | |
| 6 | 625.5800 | -5.71 | 49.31 | 43.60 | 46.02 | -2.42 | QP | 100 | 181 | |



| | | | |
|-----------------------|-----------------------|---------------------------|-------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 15:05:08 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG39U | | |

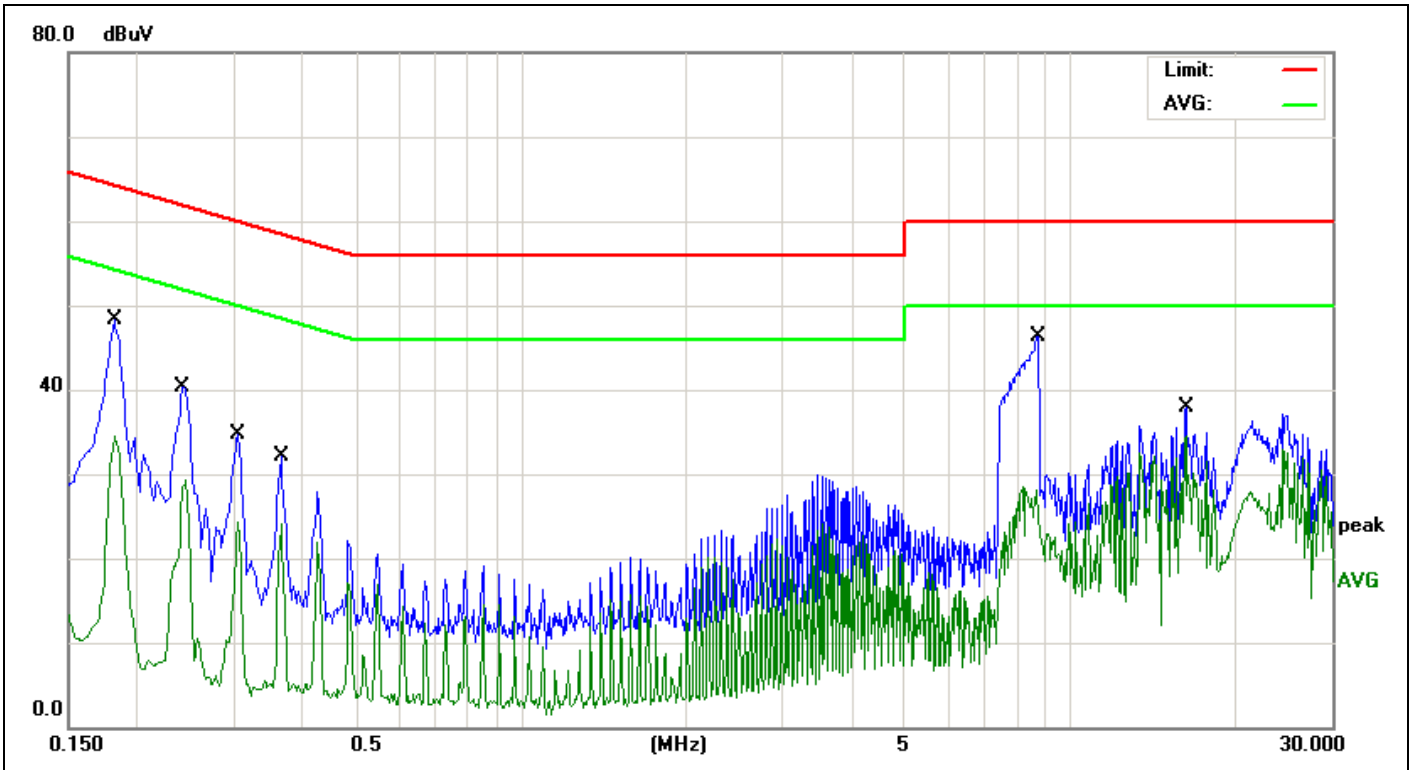
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 184.2298 | -15.54 | 50.14 | 34.60 | 43.52 | -8.92 | QP | 100 | 285 | |
| 2 | 211.3899 | -14.41 | 47.81 | 33.40 | 43.52 | -10.12 | QP | 300 | 96 | |
| 3 | 238.5500 | -12.82 | 53.12 | 40.30 | 46.02 | -5.72 | QP | 100 | 280 | |
| 4 | 384.0500 | -8.89 | 45.01 | 36.12 | 46.02 | -9.90 | QP | 200 | 27 | |
| 5 | 537.3099 | -6.99 | 43.43 | 36.44 | 46.02 | -9.58 | QP | 200 | 349 | |
| 6 | 842.8600 | -2.63 | 38.23 | 35.60 | 46.02 | -10.42 | QP | 200 | 189 | |



| | | | |
|-----------------------|------------------------------|---------------------------|--------------------------|
| Service No.: | 114020736 | Test Distance: | 3m |
| Test Standard: | FCC 15.209_30M-40G_3m | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/6/4 15:10:04 |
| Applicant: | NEDAP | Test Rating: | AC 120V/60Hz |
| Product: | Dynamic Line | Temp.(°C)/Hum.(%): | 24.7(°C)/55% |
| Model No.: | XQMK2UL | Test Engineer: | Freeman Wang |
| Test Mode: | TX | | |
| Remark: | Antenna model:PG39U | | |

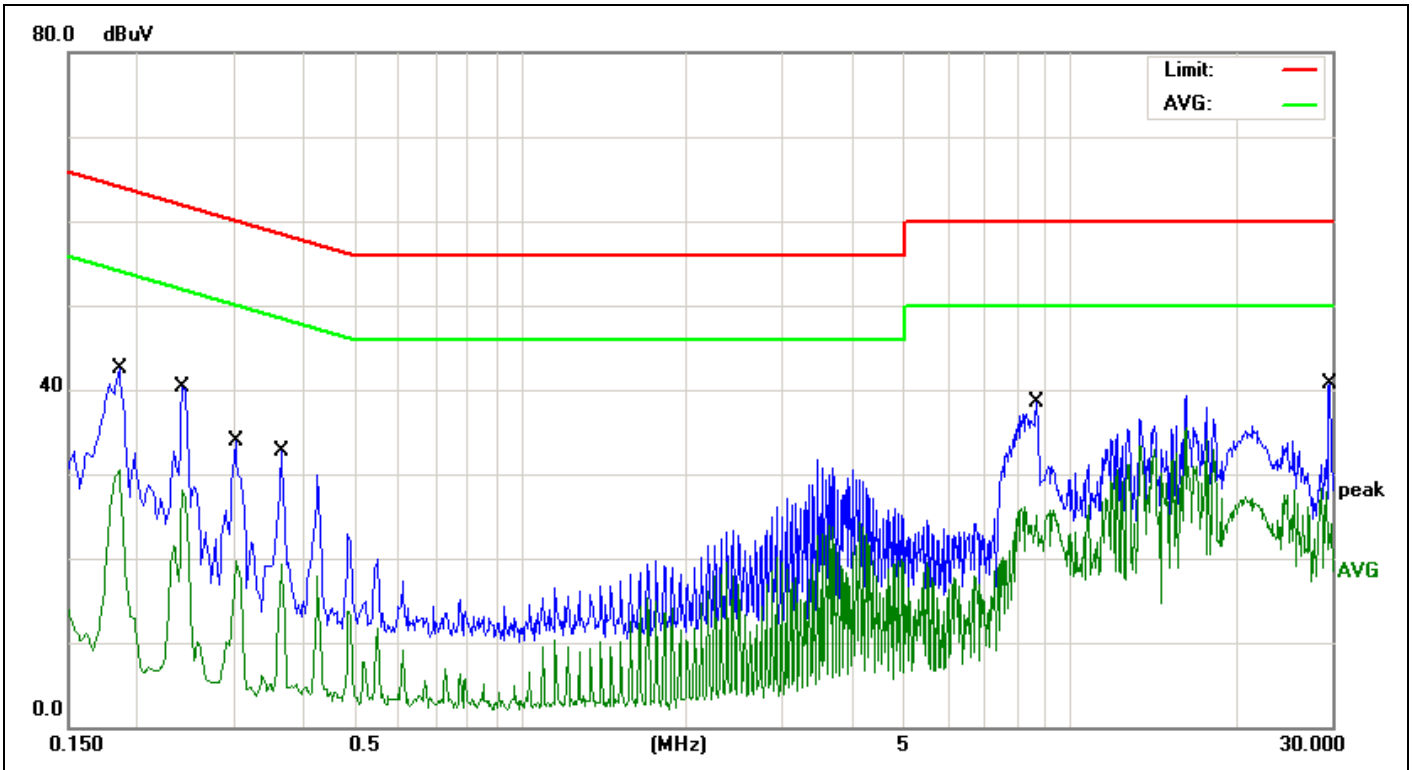
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 35.8200 | -9.28 | 48.08 | 38.80 | 40.00 | -1.20 | QP | 100 | 65 | |
| 2 | 52.3100 | -17.62 | 45.52 | 27.90 | 40.00 | -12.10 | QP | 100 | 211 | |
| 3 | 143.4900 | -13.03 | 45.23 | 32.20 | 43.52 | -11.32 | QP | 100 | 155 | |
| 4 | 229.8200 | -13.56 | 50.86 | 37.30 | 46.02 | -8.72 | QP | 200 | 325 | |
| 5 | 251.1600 | -11.64 | 51.04 | 39.40 | 46.02 | -6.62 | QP | 200 | 328 | |
| 6 | 841.8900 | -2.65 | 41.85 | 39.20 | 46.02 | -6.82 | QP | 100 | 185 | |

Mains Spurious Emissions



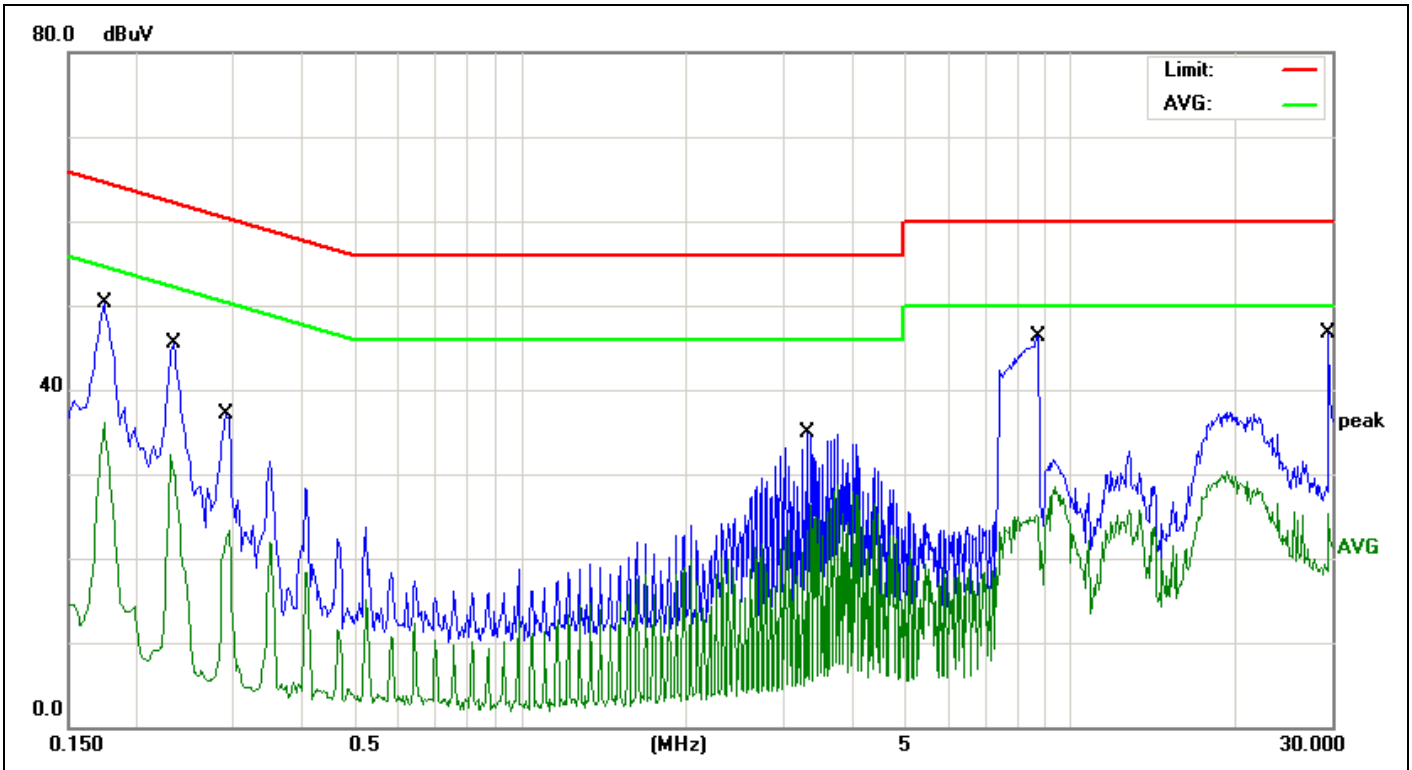
Service No.: 114020736
Test Standard: FCC Part 15 Class B Conduction **Probe:** L1
Test item: Conduction Emission **Test Time:** 2014/6/5 13:37:18
Applicant: NEDAP **Test Rating:** AC 120V/60Hz
Product: Dynamic Line **Temp.(°C)/Hum.(%):** 23.1(°C)/54%
Model No.: XQMK2UL **Test Engineer:** Freeman Wang
Test Mode: Operation mode TX controller (NCC-MK2-US)
Remark: Power to TX sample, Antenna model:PG27U

| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Remark |
|-----|-----------------|-------------|----------------|--------------|--------------|-------------|----------|--------|
| 1 | 0.1819 | 9.60 | 37.57 | 47.17 | 64.39 | -17.22 | QP | |
| 2 | 0.1819 | 9.60 | 24.66 | 34.26 | 54.39 | -20.13 | AVG | |
| 3 | 0.2420 | 9.60 | 29.35 | 38.95 | 62.02 | -23.07 | QP | |
| 4 | 0.2420 | 9.60 | 18.20 | 27.80 | 52.02 | -24.22 | AVG | |
| 5 | 0.3060 | 9.59 | 23.85 | 33.44 | 60.08 | -26.64 | QP | |
| 6 | 0.3060 | 9.59 | 12.64 | 22.23 | 50.08 | -27.85 | AVG | |
| 7 | 0.3660 | 9.59 | 20.75 | 30.34 | 58.59 | -28.25 | QP | |
| 8 | 0.3660 | 9.59 | 13.08 | 22.67 | 48.59 | -25.92 | AVG | |
| 9 | 8.7340 | 9.69 | 32.41 | 42.10 | 60.00 | -17.90 | QP | |
| 10 | 8.7340 | 9.69 | 14.75 | 24.44 | 50.00 | -25.56 | AVG | |
| 11 | 16.2300 | 9.79 | 27.02 | 36.81 | 60.00 | -23.19 | QP | |
| 12 | 16.2300 | 9.79 | 24.99 | 34.78 | 50.00 | -15.22 | AVG | |



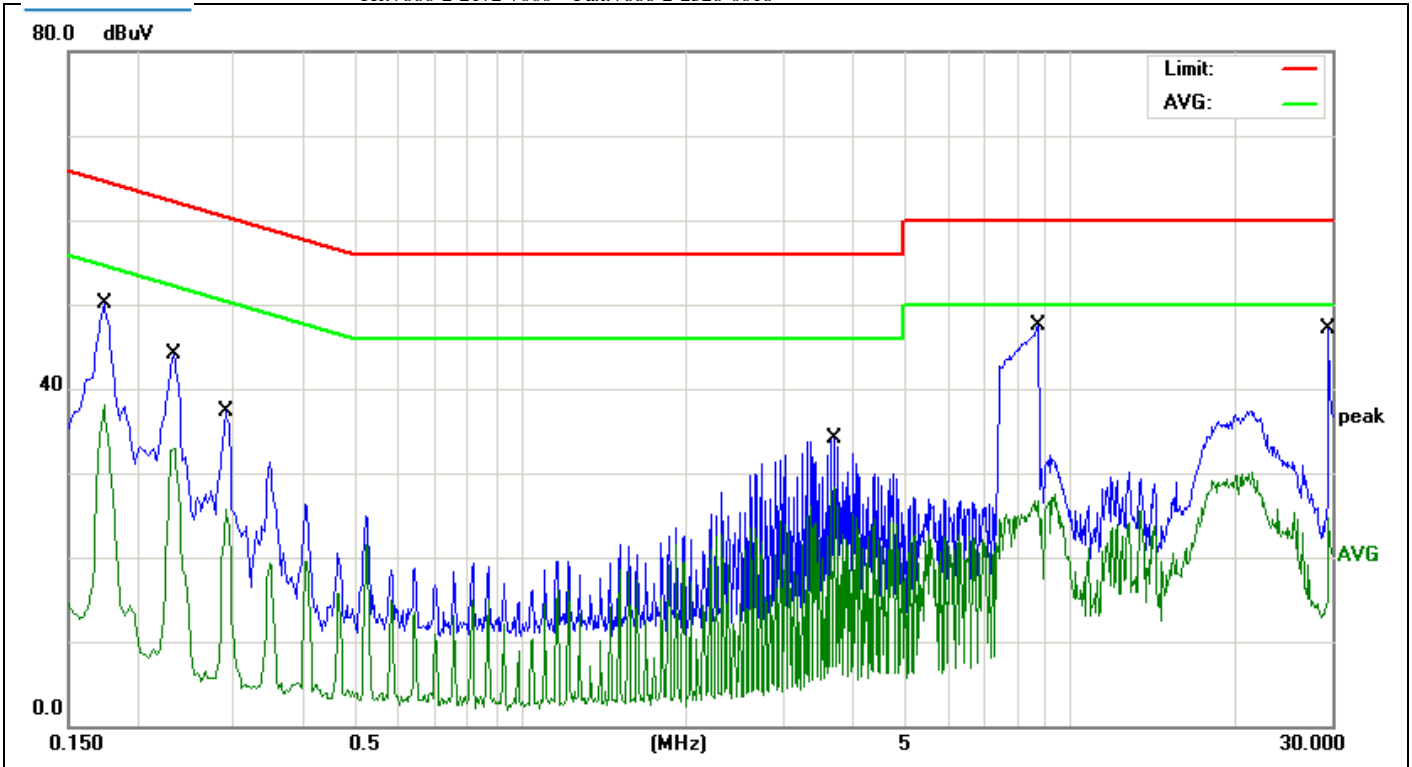
Service No.: 114020736
Test Standard: FCC Part 15 Class B Conduction **Probe:** N
Test item: Conduction Emission **Test Time:** 2014/6/5 13:49:40
Applicant: NEDAP **Test Rating:** AC 120V/60Hz
Product: Dynamic Line **Temp.(°C)/Hum.(%):** 23.1(°C)/54%
Model No.: XQMK2UL **Test Engineer:** Freeman Wang
Test Mode: Operation mode TX controller (NCC-MK2-US)
Remark: Power to TX sample, Antenna model:PG27U

| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Remark |
|-----|-----------------|-------------|----------------|--------------|--------------|-------------|----------|--------|
| 1 | 0.1860 | 9.57 | 31.23 | 40.80 | 64.21 | -23.41 | QP | |
| 2 | 0.1860 | 9.57 | 18.90 | 28.47 | 54.21 | -25.74 | AVG | |
| 3 | 0.2420 | 9.57 | 29.38 | 38.95 | 62.02 | -23.07 | QP | |
| 4 | 0.2420 | 9.57 | 16.63 | 26.20 | 52.02 | -25.82 | AVG | |
| 5 | 0.3020 | 9.57 | 22.31 | 31.88 | 60.19 | -28.31 | QP | |
| 6 | 0.3020 | 9.57 | 9.63 | 19.20 | 50.19 | -30.99 | AVG | |
| 7 | 0.3660 | 9.57 | 21.78 | 31.35 | 58.59 | -27.24 | QP | |
| 8 | 0.3660 | 9.57 | 8.98 | 18.55 | 48.59 | -30.04 | AVG | |
| 9 | 8.7180 | 9.67 | 24.16 | 33.83 | 60.00 | -26.17 | QP | |
| 10 | 8.7180 | 9.67 | 14.26 | 23.93 | 50.00 | -26.07 | AVG | |
| 11 | 29.7860 | 9.87 | 17.48 | 27.35 | 60.00 | -32.65 | QP | |
| 12 | 29.7860 | 9.87 | 12.73 | 22.60 | 50.00 | -27.40 | AVG | |



Service No.: 114020736
Test Standard: FCC Part 15 Class B Conduction **Probe:** N
Test item: Conduction Emission **Test Time:** 2014/6/5 13:58:08
Applicant: NEDAP **Test Rating:** AC 120V/60Hz
Product: Dynamic Line **Temp.(°C)/Hum.(%):** 23.1(°C)/54%
Model No.: XQMK2UL **Test Engineer:** Freeman Wang
Test Mode: Operation mode RX controller (DC-INS-US)
Remark: Power to RX sample, Antenna model:PG27U

| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Remark |
|-----|-----------------|-------------|----------------|--------------|--------------|-------------|----------|--------|
| 1 | 0.1740 | 9.59 | 39.80 | 49.39 | 64.76 | -15.37 | QP | |
| 2 | 0.1740 | 9.59 | 25.41 | 35.00 | 54.76 | -19.76 | AVG | |
| 3 | 0.2340 | 9.57 | 35.23 | 44.80 | 62.30 | -17.50 | QP | |
| 4 | 0.2340 | 9.57 | 21.63 | 31.20 | 52.30 | -21.10 | AVG | |
| 5 | 0.2900 | 9.56 | 27.27 | 36.83 | 60.52 | -23.69 | QP | |
| 6 | 0.2900 | 9.56 | 14.43 | 23.99 | 50.52 | -26.53 | AVG | |
| 7 | 3.3180 | 9.61 | 21.83 | 31.44 | 56.00 | -24.56 | QP | |
| 8 | 3.3180 | 9.61 | 13.09 | 22.70 | 46.00 | -23.30 | AVG | |
| 9 | 8.7340 | 9.67 | 33.54 | 43.21 | 60.00 | -16.79 | QP | |
| 10 | 8.7340 | 9.67 | 15.57 | 25.24 | 50.00 | -24.76 | AVG | |
| 11 | 29.6780 | 9.88 | 32.37 | 42.25 | 60.00 | -17.75 | QP | |
| 12 | 29.6780 | 9.88 | 14.10 | 23.98 | 50.00 | -26.02 | AVG | |



Service No.: 114020736
Test Standard: FCC Part 15 Class B Conduction **Probe:** L1
Test item: Conduction Emission **Test Time:** 2014/6/5 14:00:17
Applicant: NEDAP **Test Rating:** AC 120V/60Hz
Product: Dynamic Line **Temp.(°C)/Hum.(%):** 23.1(°C)/54%
Model No.: XQMK2UL **Test Engineer:** Freeman Wang
Test Mode: Operation mode RX controller (DC-INS-US)
Remark: Power to RX sample, Antenna model:PG27U

| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Remark |
|-----|-----------------|-------------|----------------|--------------|--------------|-------------|----------|--------|
| 1 | 0.1740 | 9.62 | 39.75 | 49.37 | 64.76 | -15.39 | QP | |
| 2 | 0.1740 | 9.62 | 25.55 | 35.17 | 54.76 | -19.59 | AVG | |
| 3 | 0.2340 | 9.60 | 33.42 | 43.02 | 62.30 | -19.28 | QP | |
| 4 | 0.2340 | 9.60 | 23.56 | 33.16 | 52.30 | -19.14 | AVG | |
| 5 | 0.2900 | 9.59 | 26.53 | 36.12 | 60.52 | -24.40 | QP | |
| 6 | 0.2900 | 9.59 | 15.12 | 24.71 | 50.52 | -25.81 | AVG | |
| 7 | 3.7260 | 9.64 | 23.00 | 32.64 | 56.00 | -23.36 | QP | |
| 8 | 3.7260 | 9.64 | 17.52 | 27.16 | 46.00 | -18.84 | AVG | |
| 9 | 8.7340 | 9.69 | 33.83 | 43.52 | 60.00 | -16.48 | QP | |
| 10 | 8.7340 | 9.69 | 16.79 | 26.48 | 50.00 | -23.52 | AVG | |
| 11 | 29.6740 | 9.79 | 33.60 | 43.39 | 60.00 | -16.61 | QP | |
| 12 | 29.6740 | 9.79 | 14.42 | 24.21 | 50.00 | -25.79 | AVG | |