

Test Report No.10050128 002

Appendix D: Radiated Spurious Emission Data

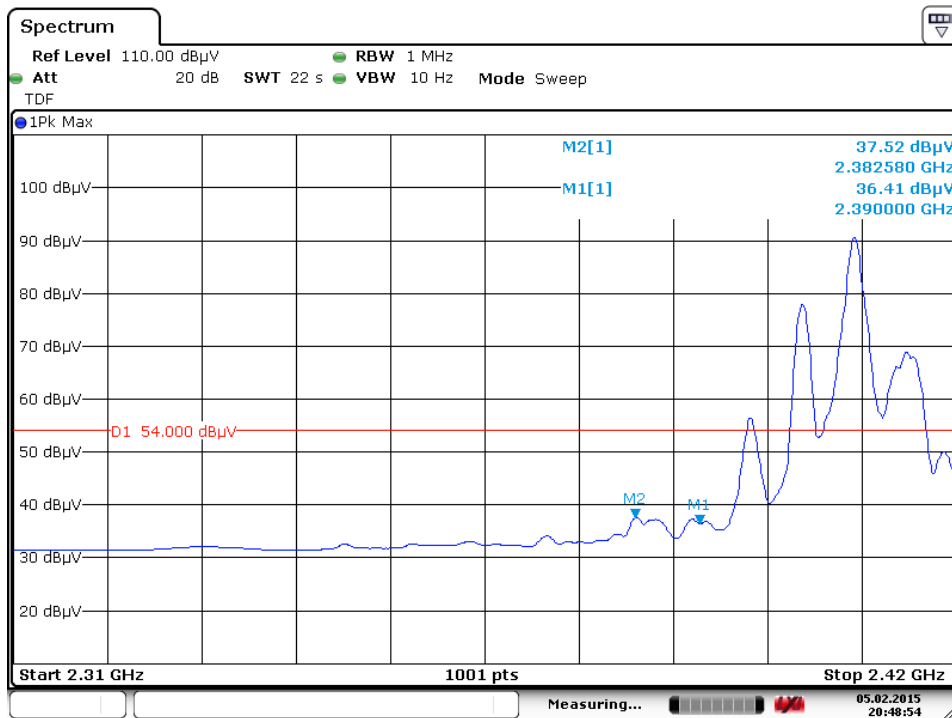
(File: 10050128-2AppendixD)

Contents

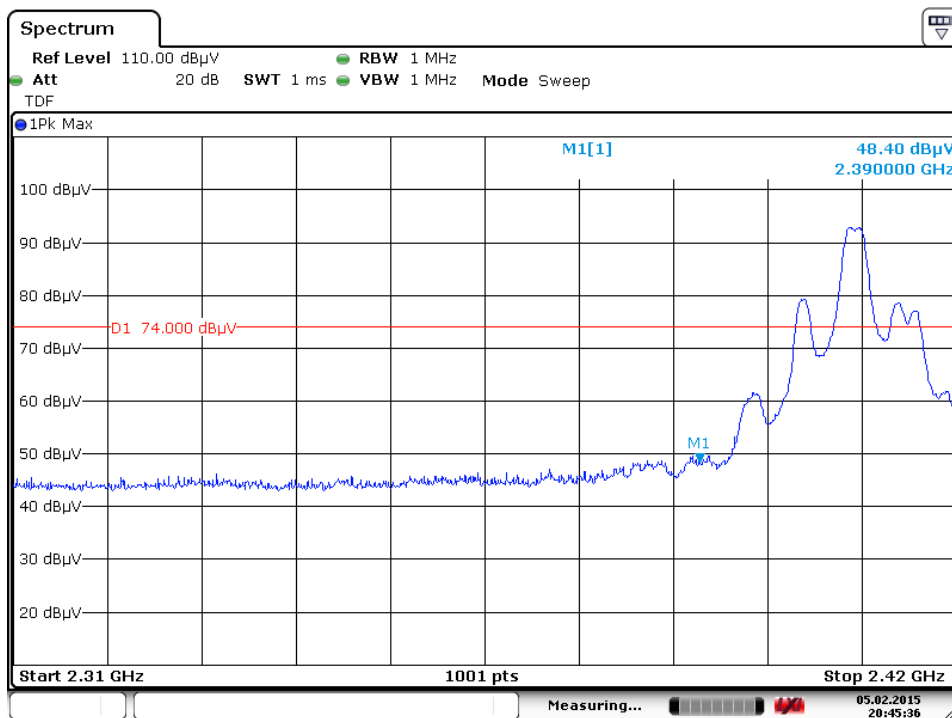
| | |
|---|----|
| Radiated Emissions, Fundamental and Band Edges..... | 2 |
| Spurious Emissions, TX Mode, 1-18G..... | 12 |
| Spurious Emissions, TX Mode, 18-26G..... | 19 |
| Spurious Emissions, TX Mode, 30M-1G | 26 |

Radiated Bandedge

Low Channel (Hor)

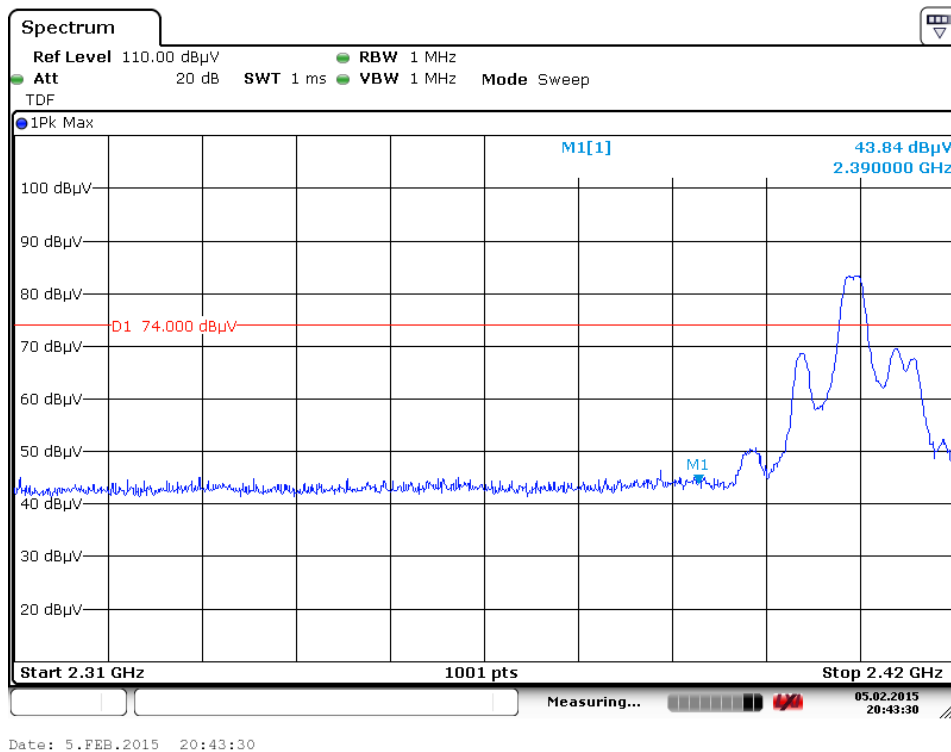
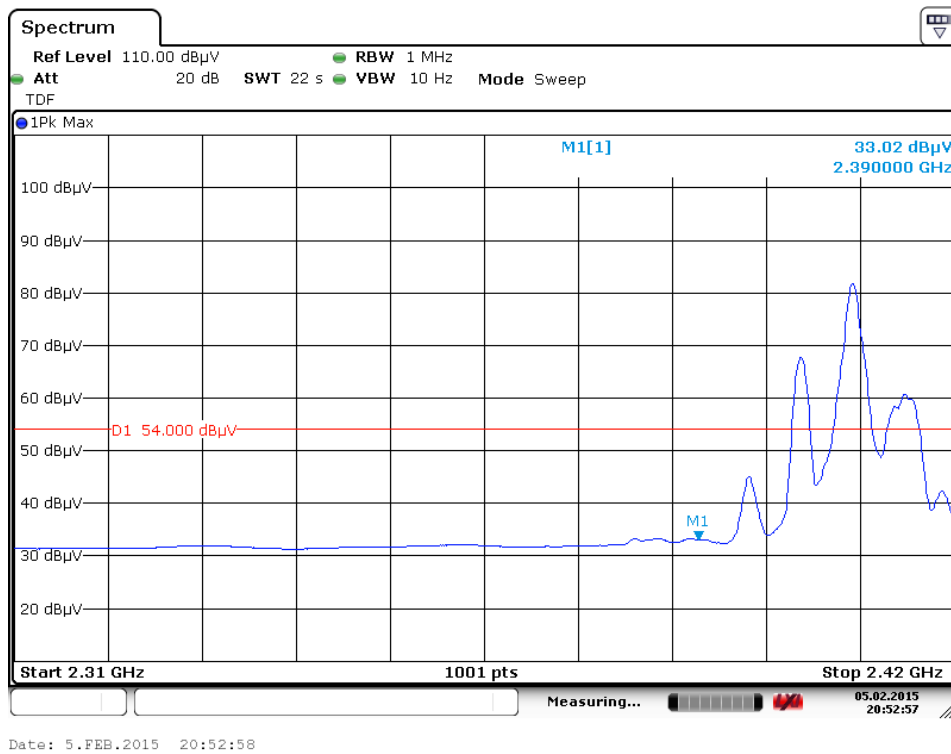


Date: 5.FEB.2015 20:48:54



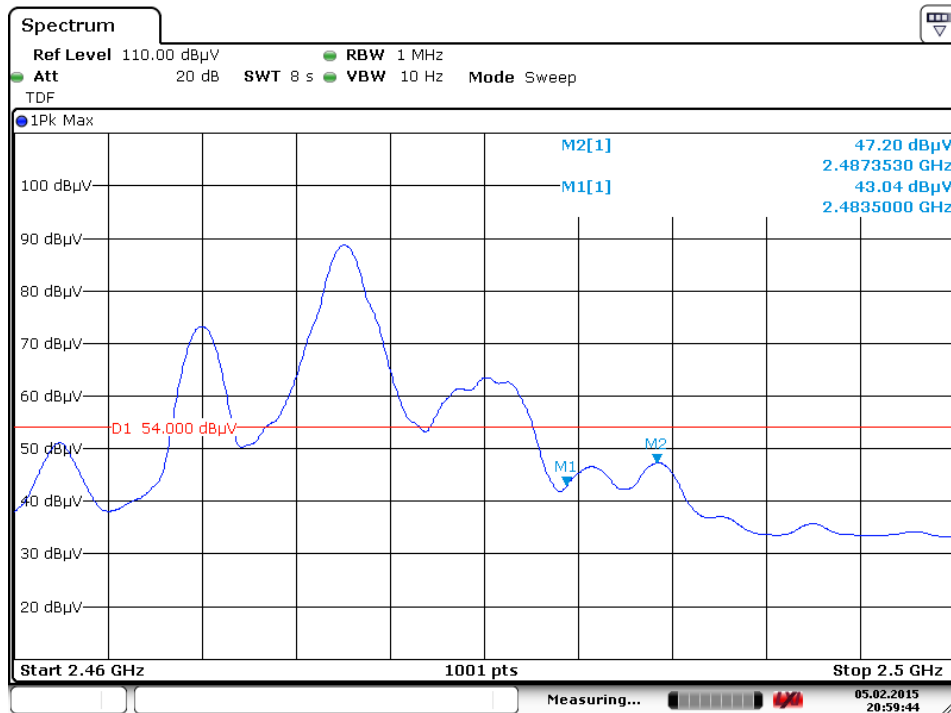
Date: 5.FEB.2015 20:49:36

Low Channel (Ver)

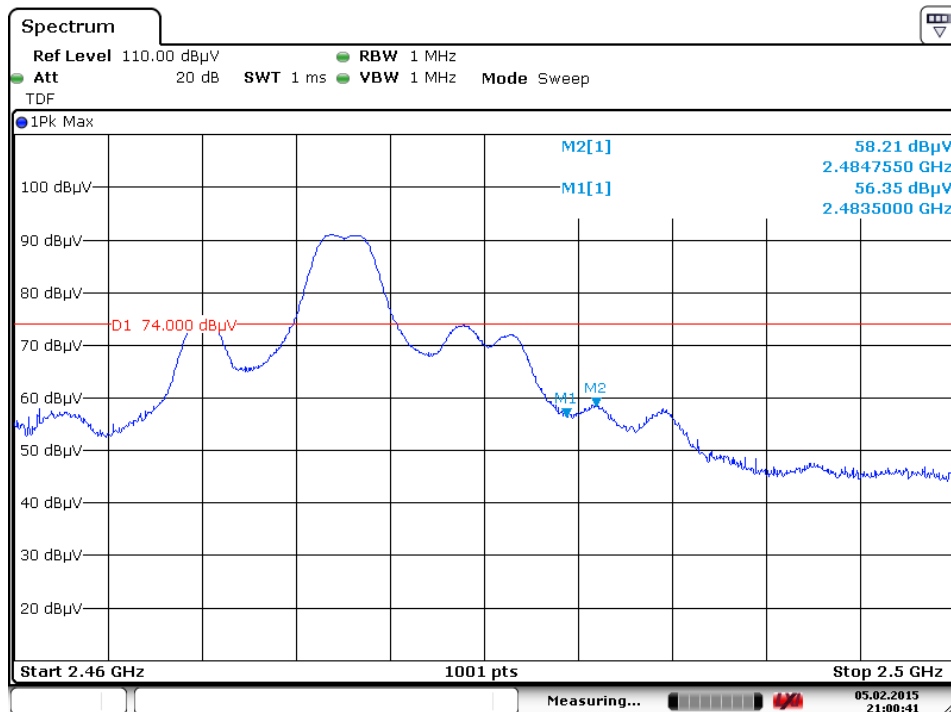


Radiated Bandedge

High Channel (Hor)

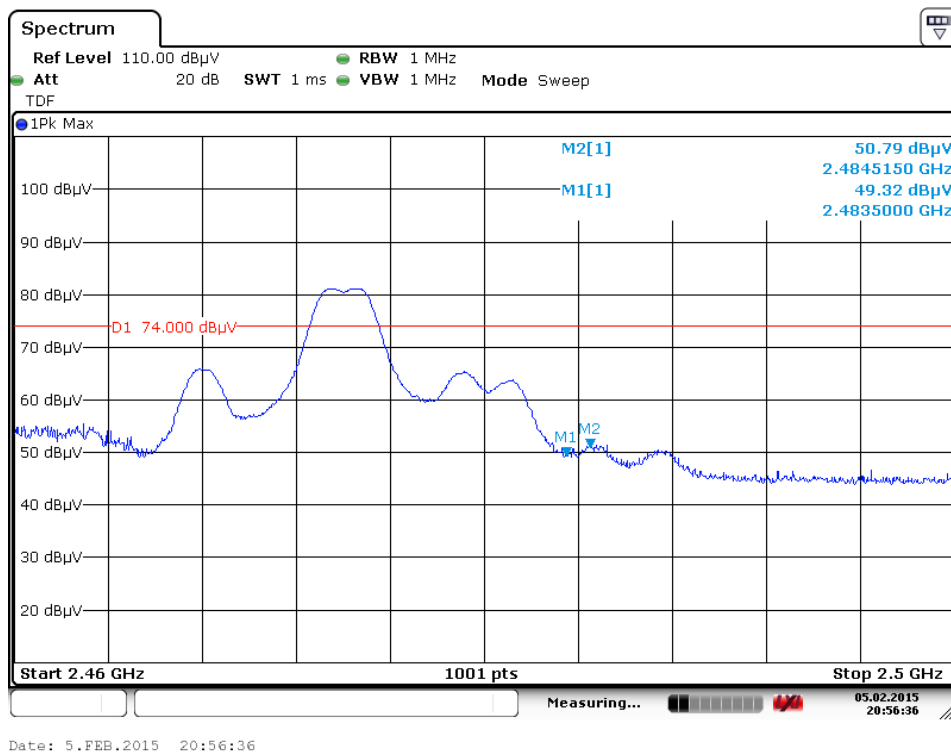
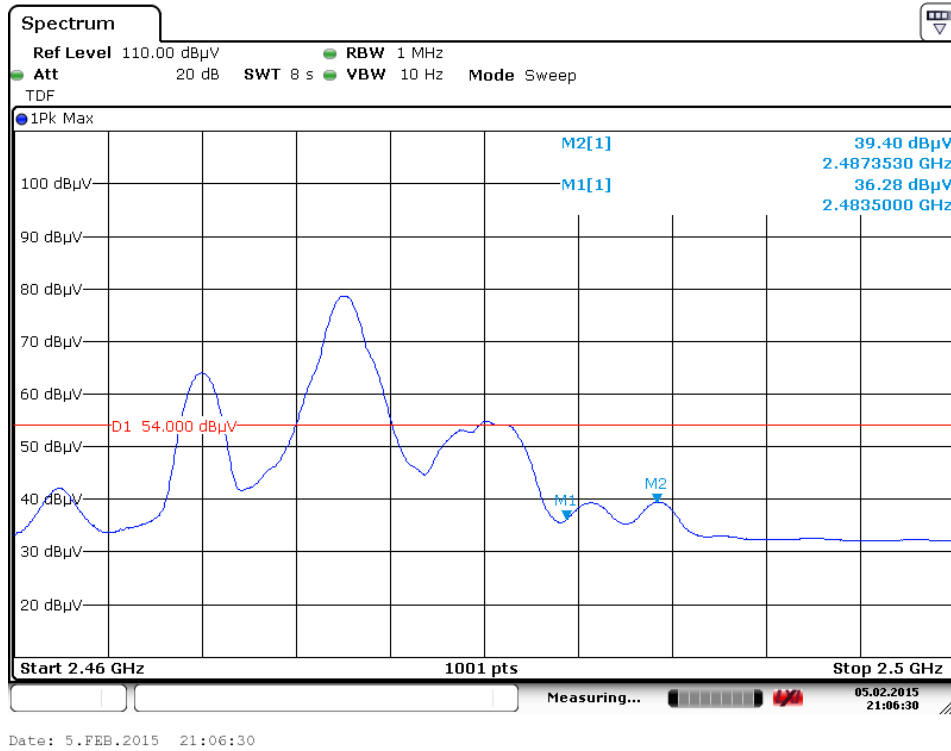


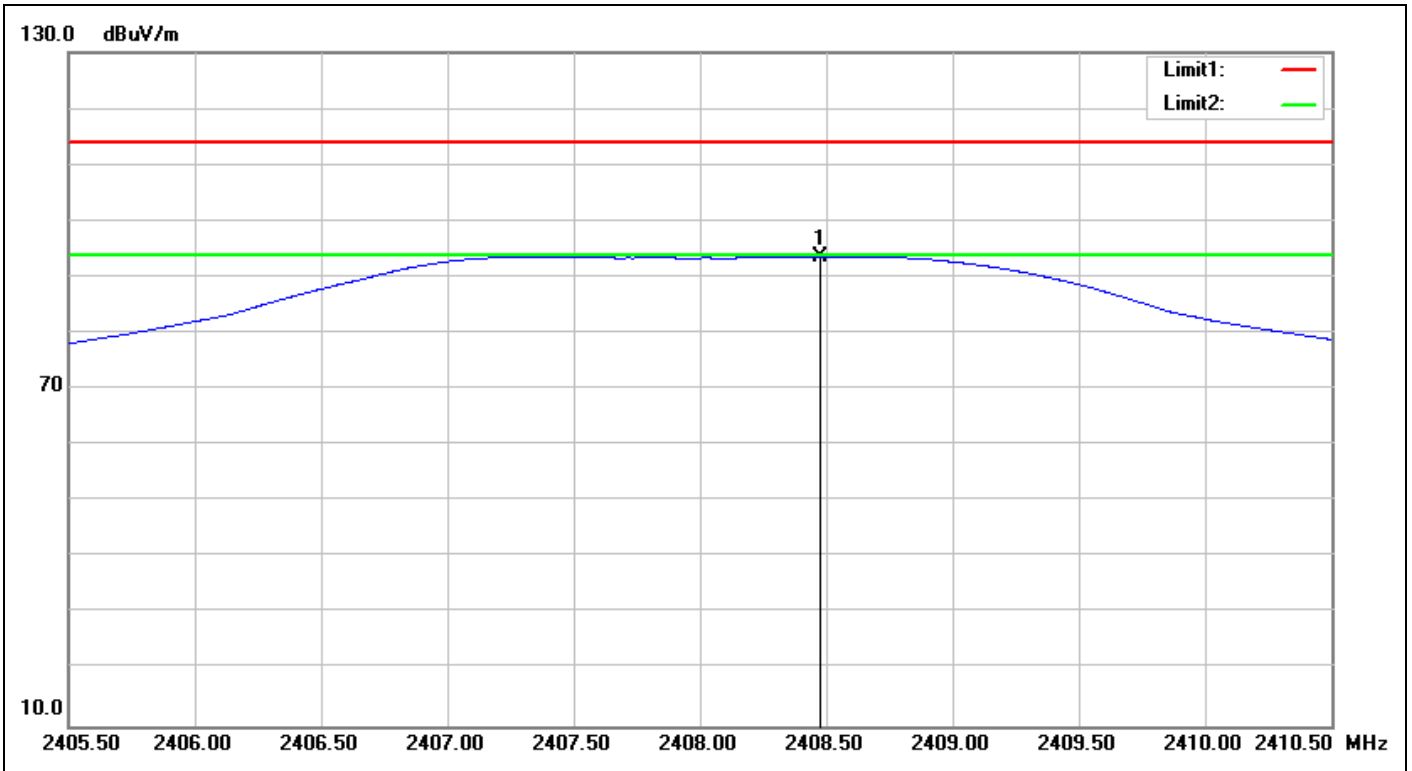
Date: 5.FEB.2015 20:59:44



Date: 5.FEB.2015 21:00:41

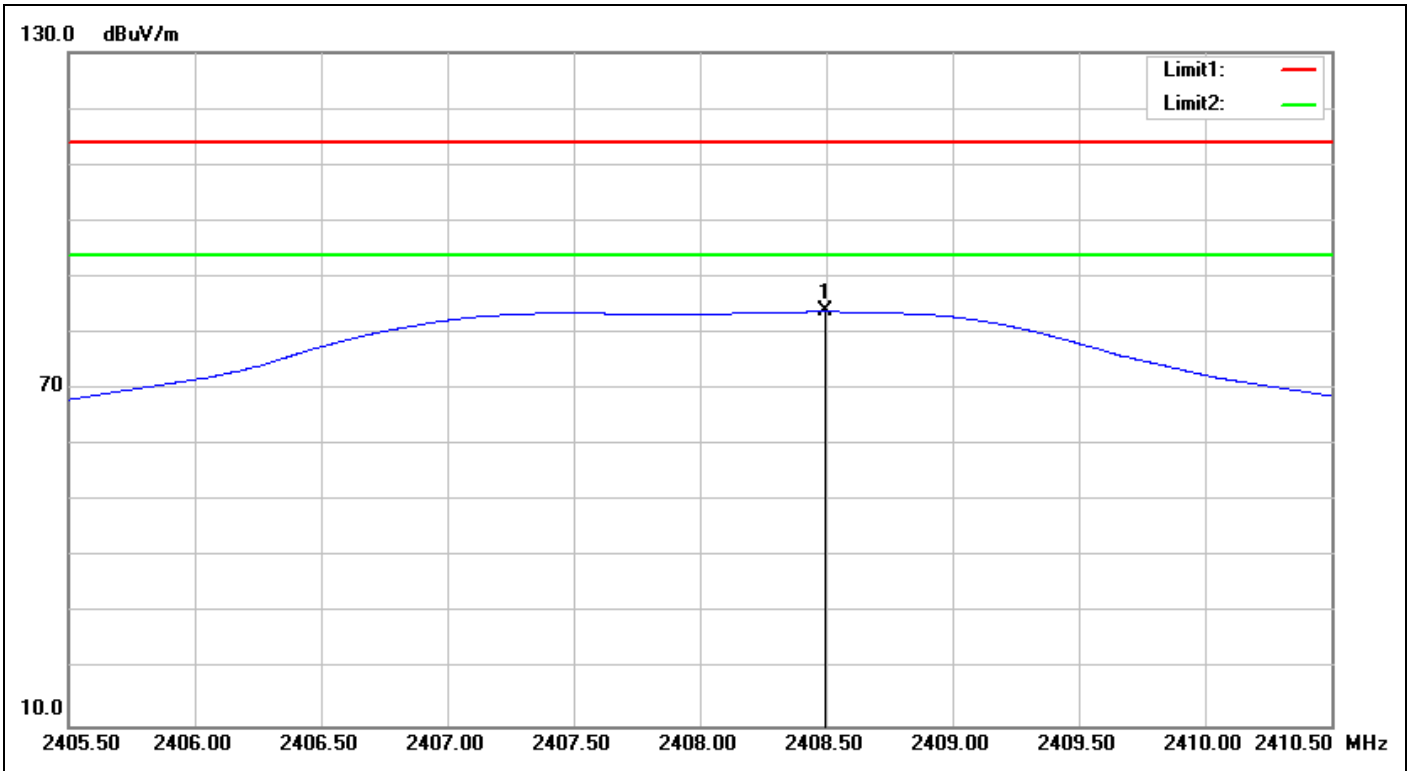
High Channel (Ver)





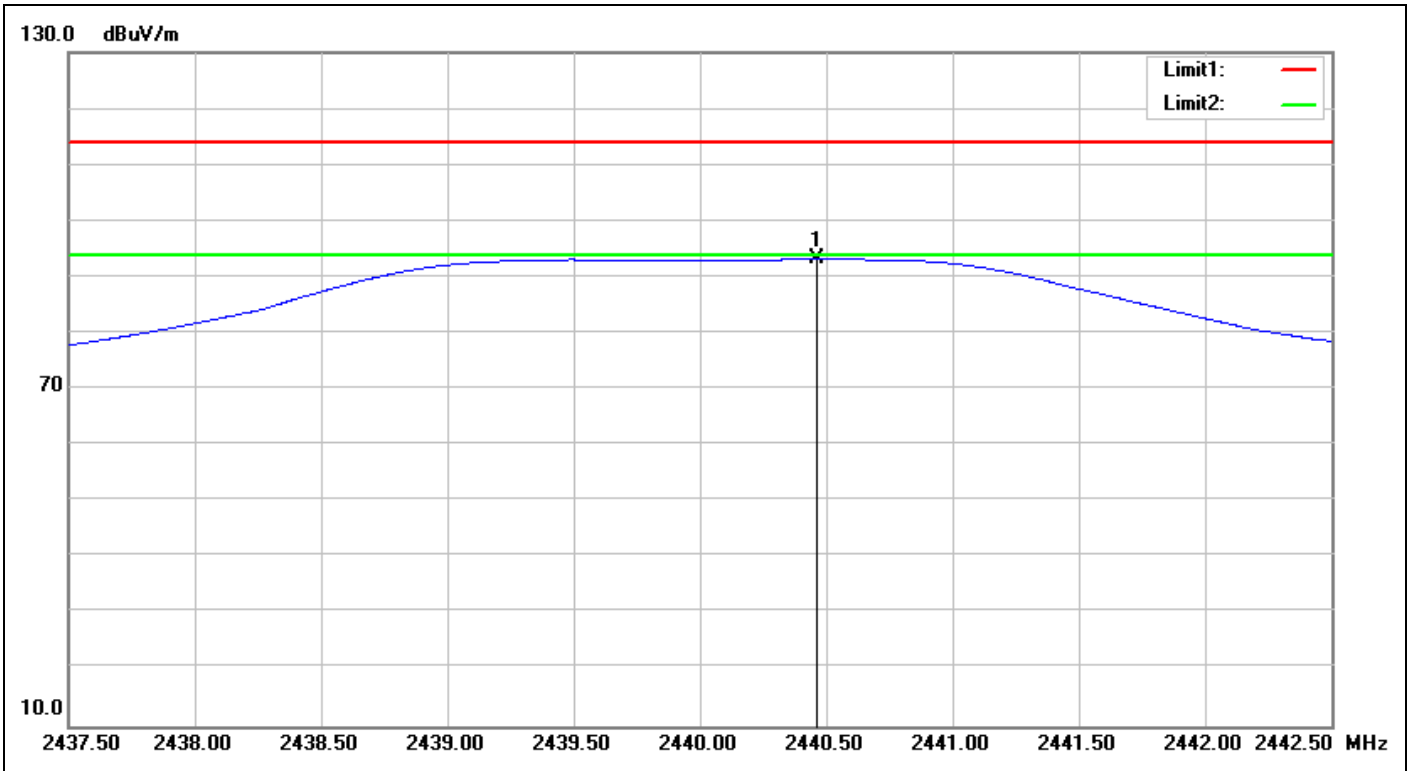
| | | | |
|-----------------------|----------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC 15.249_2.4-2.5G_3m PK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 21:08:42 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2408.475 | -8.16 | 101.86 | 93.70 | 114.00 | -20.30 | peak | 100 | 52 | |



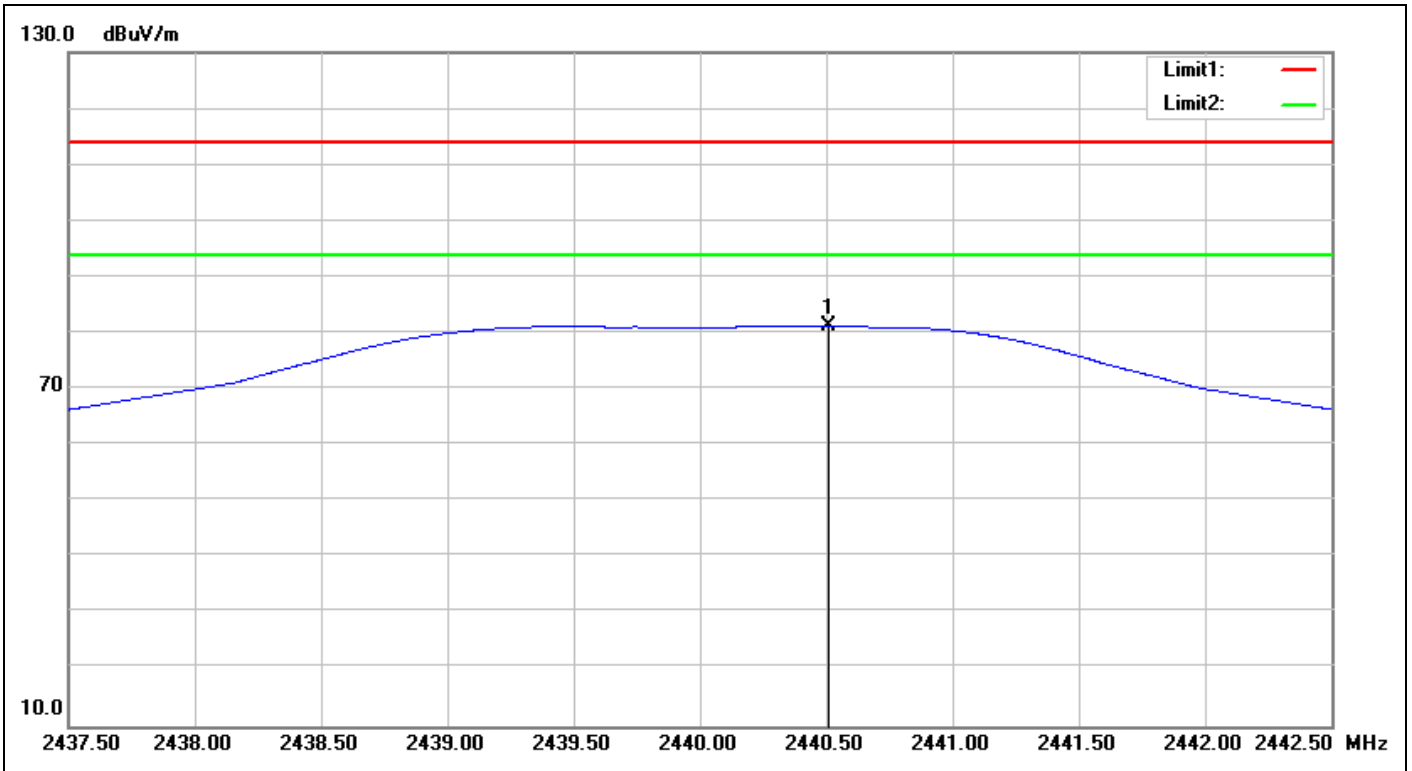
| | | | |
|-----------------------|---------------------------|---------------------------|-------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC 15.249_2.4-2.5G_3m PK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 21:09:45 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2408.495 | -8.16 | 91.99 | 83.83 | 114.00 | -30.17 | peak | 100 | 238 | |



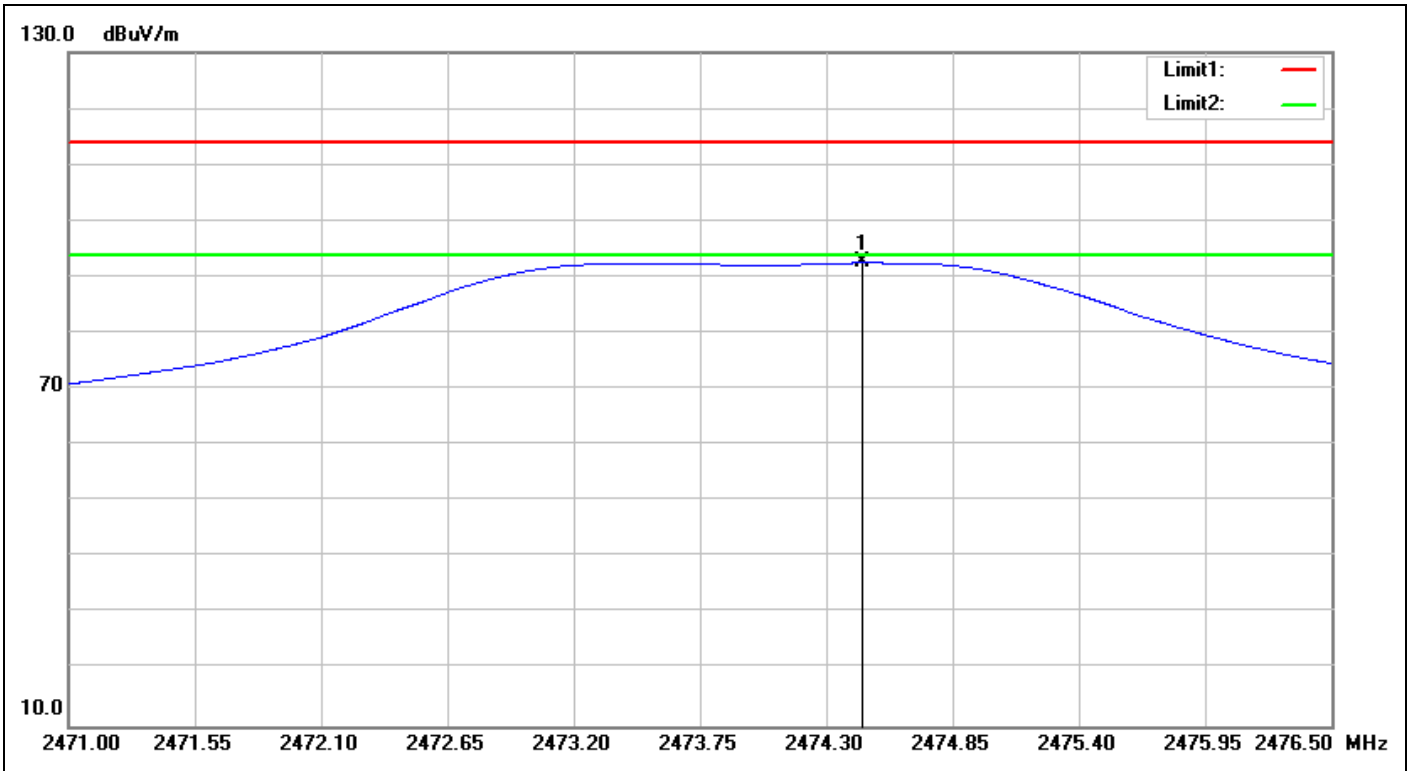
| | | | |
|-----------------------|----------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC 15.249_2.4-2.5G_3m PK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 21:12:37 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2440.465 | -8.12 | 101.41 | 93.29 | 114.00 | -20.71 | peak | 100 | 61 | |



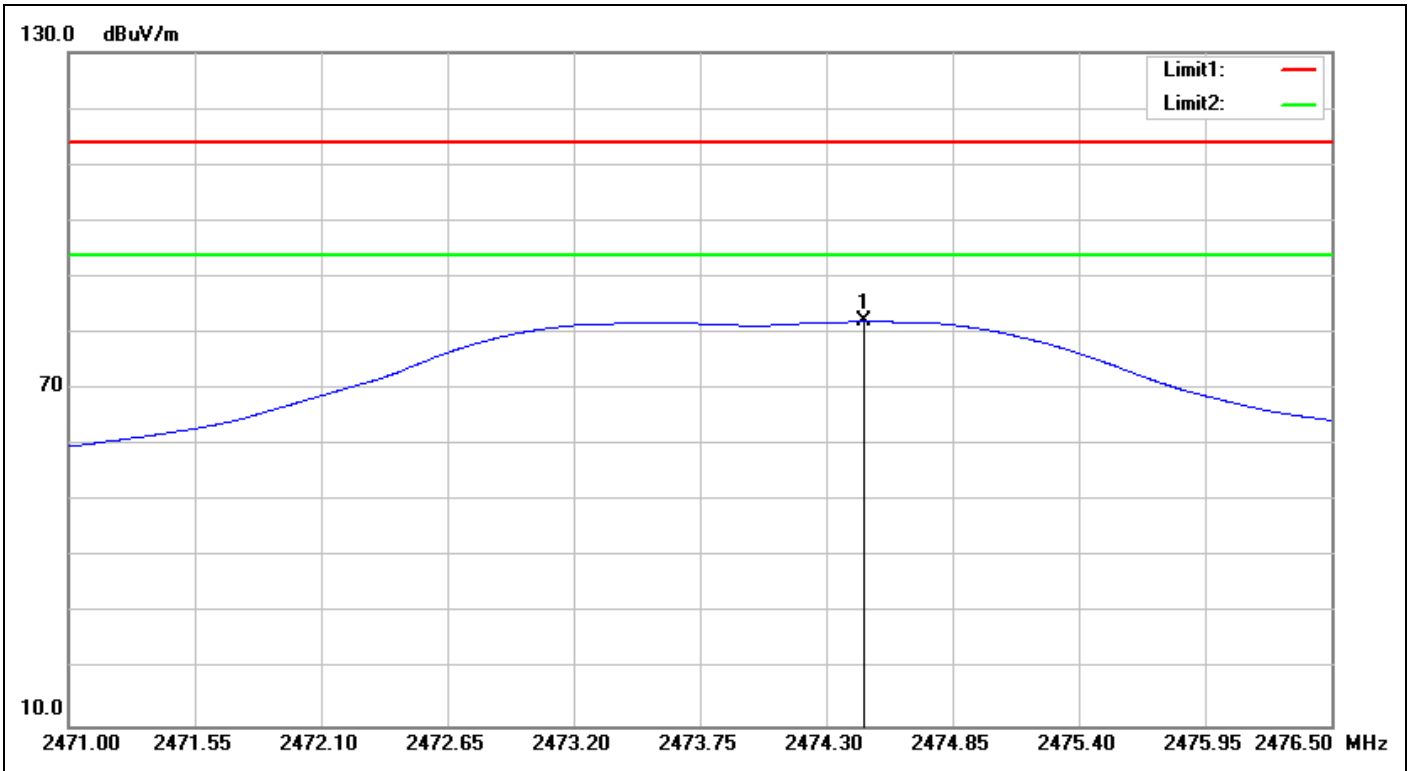
| | | | |
|-----------------------|---------------------------|---------------------------|-------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC 15.249_2.4-2.5G_3m PK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 21:13:39 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2440.510 | -8.12 | 89.51 | 81.39 | 114.00 | -32.61 | peak | 100 | 220 | |



| | | | |
|-----------------------|----------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC 15.249_2.4-2.5G_3m PK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 21:04:23 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2474.449 | -8.10 | 100.63 | 92.53 | 114.00 | -21.47 | peak | 100 | 60 | |



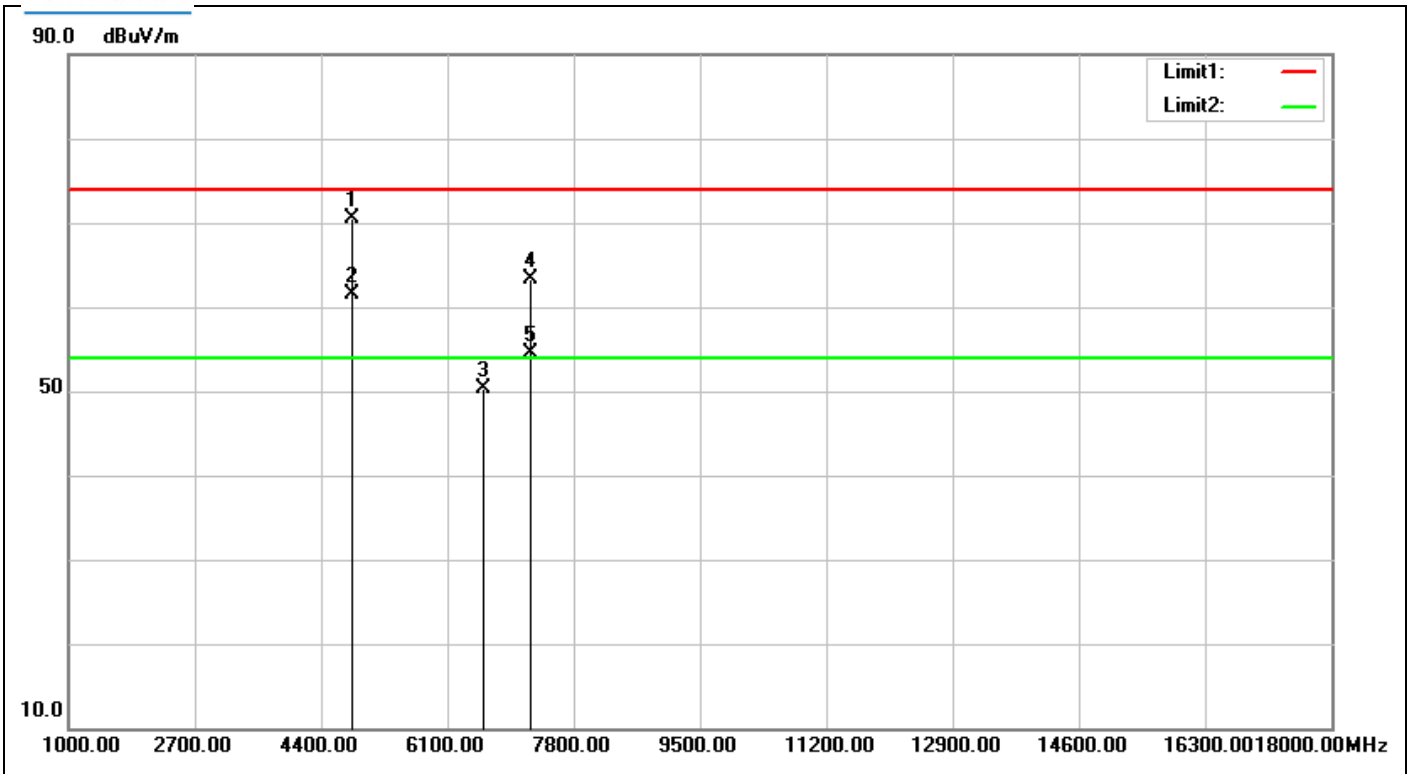
| | | | |
|-----------------------|---------------------------|---------------------------|-------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC 15.249_2.4-2.5G_3m PK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 21:05:26 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2474.460 | -8.10 | 90.16 | 82.06 | 114.00 | -31.94 | peak | 100 | 222 | |

Spurious Emissions, TX Mode, 1-18G



TUV Taiwan
 11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105
 Tel:+886-2172-7000 fax:+886-2528-0018



| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 19:41:11 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

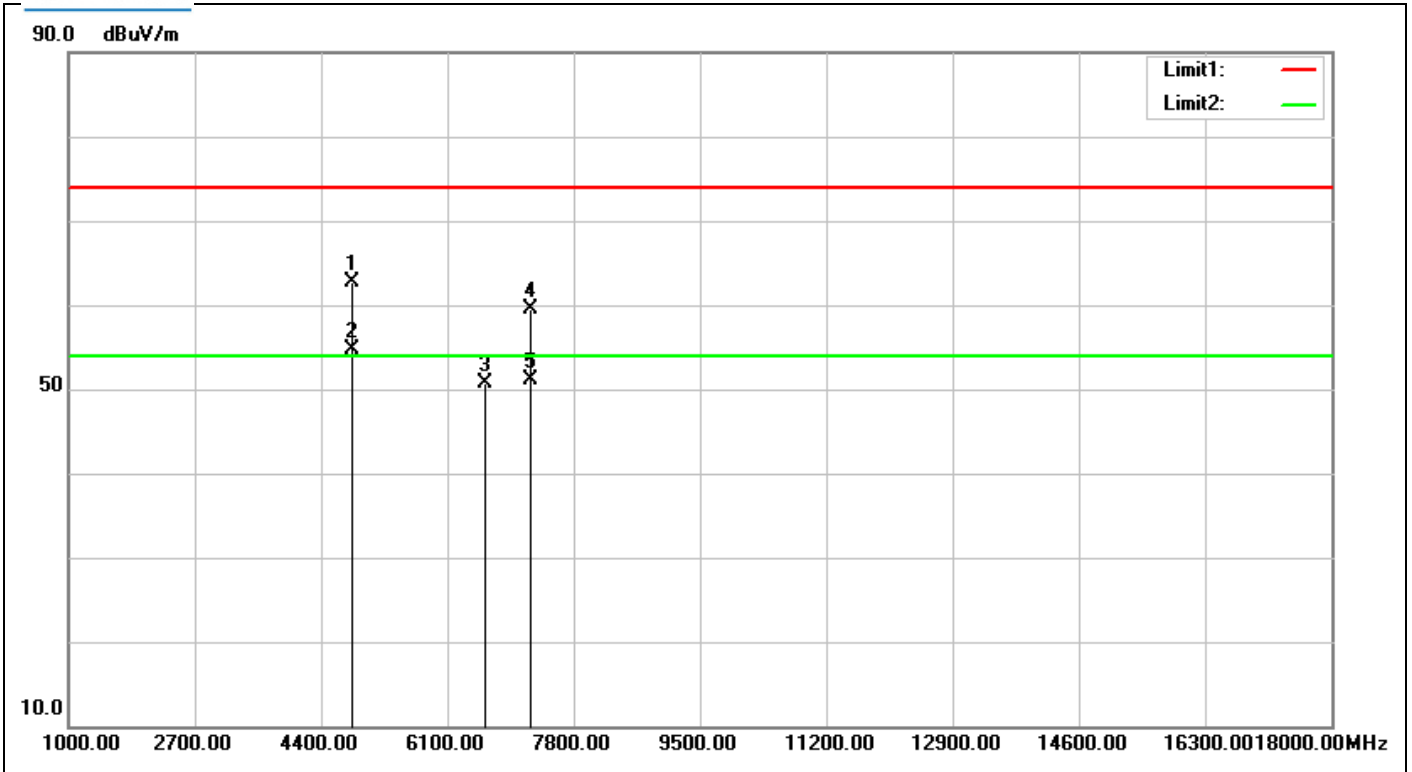
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------------|
| 1 | 4816.000 | -2.74 | 73.20 | 70.46 | 74.00 | -3.54 | peak | 100 | 183 | |
| 2 | 4816.000 | -2.74 | 64.31 | 61.57 | 54.00 | 7.57 | AVG | 100 | 183 | Cont. signal |
| 3 | 6576.000 | 5.36 | 45.00 | 50.36 | 74.00 | -23.64 | peak | | 0 | |
| 4 | 7224.000 | 5.49 | 57.90 | 63.39 | 74.00 | -10.61 | peak | 100 | 359 | |
| 5 | 7224.000 | 5.49 | 49.04 | 54.53 | 54.00 | 0.53 | AVG | 100 | 359 | Cont. signal |

Remark:(Duty Factor corr. factor 41 dB),Avg=Peak -41dB

4816MHz ,AVG=29.46 dBuV/m

7224MHz,AVG=22.39 dBuV/m

Spurious Emissions, TX Mode, 1-18G

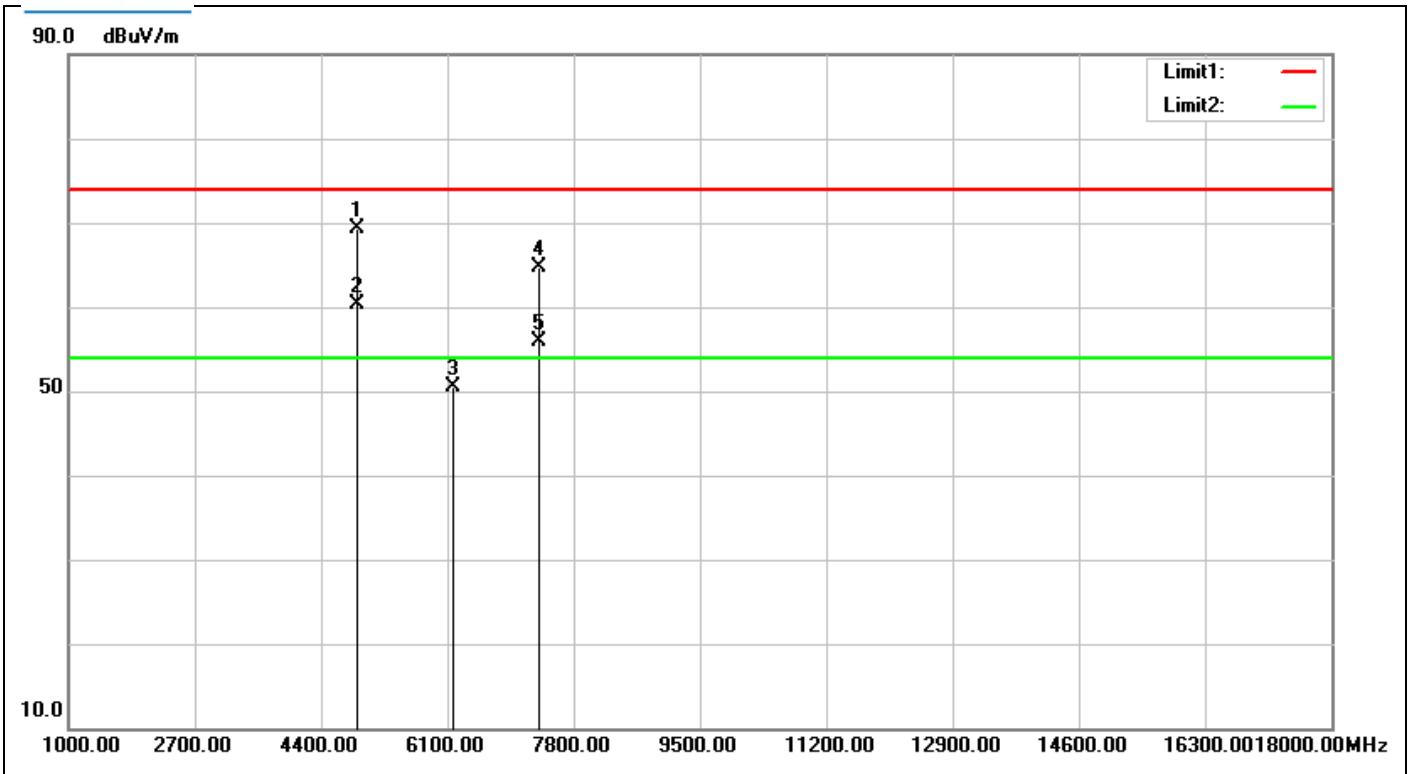


| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 19:42:14 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4816.000 | -2.74 | 65.38 | 62.64 | 74.00 | -11.36 | peak | 100 | 268 | |
| 2 | 4816.000 | -2.74 | 57.42 | 54.68 | 54.00 | 0.68 | AVG | 100 | 268 | |
| 3 | 6610.000 | 5.32 | 45.46 | 50.78 | 74.00 | -23.22 | peak | | | |
| 4 | 7224.000 | 5.49 | 54.07 | 59.56 | 74.00 | -14.44 | peak | 100 | 188 | |
| 5 | 7224.000 | 5.49 | 45.67 | 51.16 | 54.00 | -2.84 | AVG | 100 | 188 | |

Remark:(Duty Factor corr. factor 41 dB),Avg=Peak -41dB

4816MHz ,AVG=21.64 dBuV/m



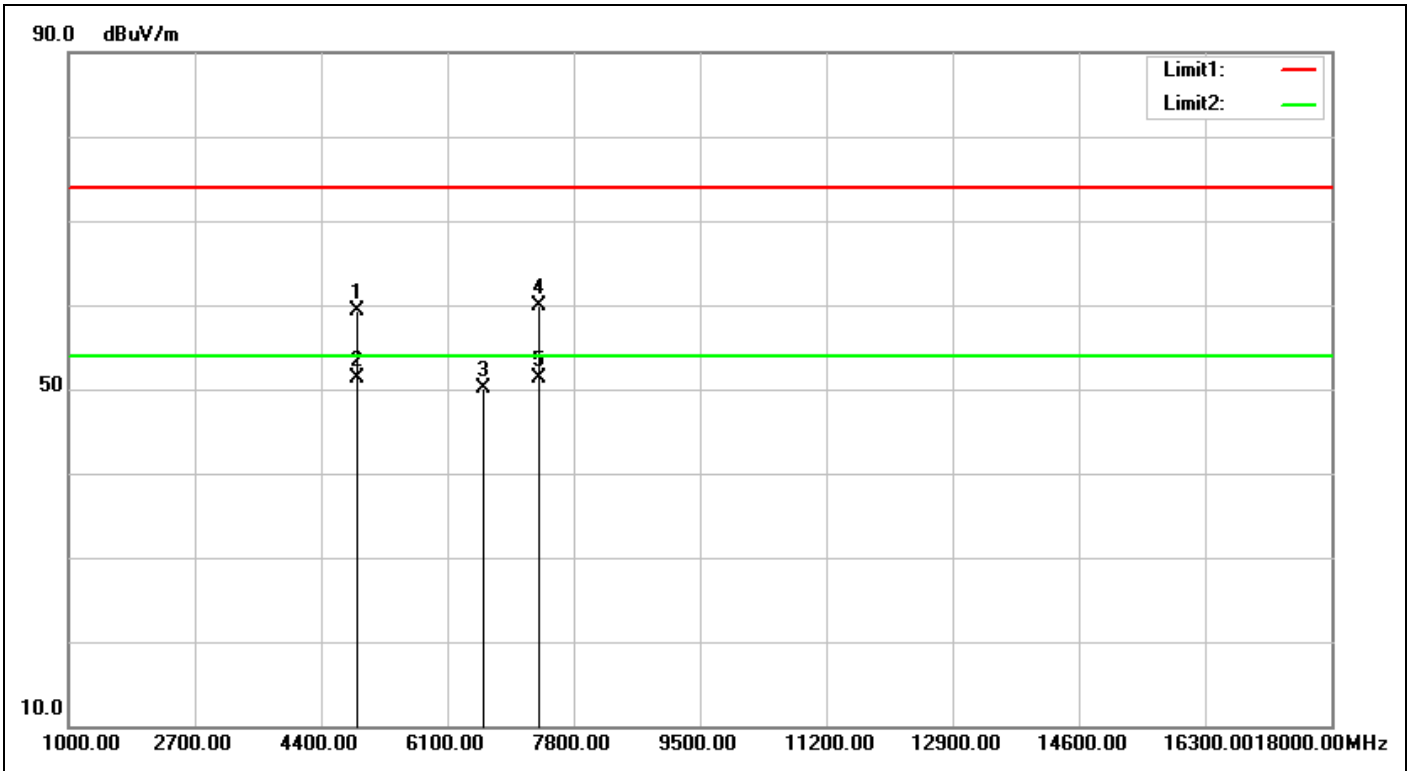
| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 19:50:54 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4880.000 | -2.58 | 71.85 | 69.27 | 74.00 | -4.73 | peak | 100 | 180 | |
| 2 | 4880.000 | -2.58 | 62.85 | 60.27 | 54.00 | 6.27 | AVG | 100 | 180 | |
| 3 | 6168.000 | 4.26 | 46.24 | 50.50 | 74.00 | -23.50 | peak | 100 | 172 | |
| 4 | 7320.000 | 5.75 | 58.91 | 64.66 | 74.00 | -9.34 | peak | 100 | 360 | |
| 5 | 7320.000 | 5.75 | 50.12 | 55.87 | 54.00 | 1.87 | AVG | 100 | 360 | |

Remark:(Duty Factor corr. factor 41 dB),Avg=Peak -41dB

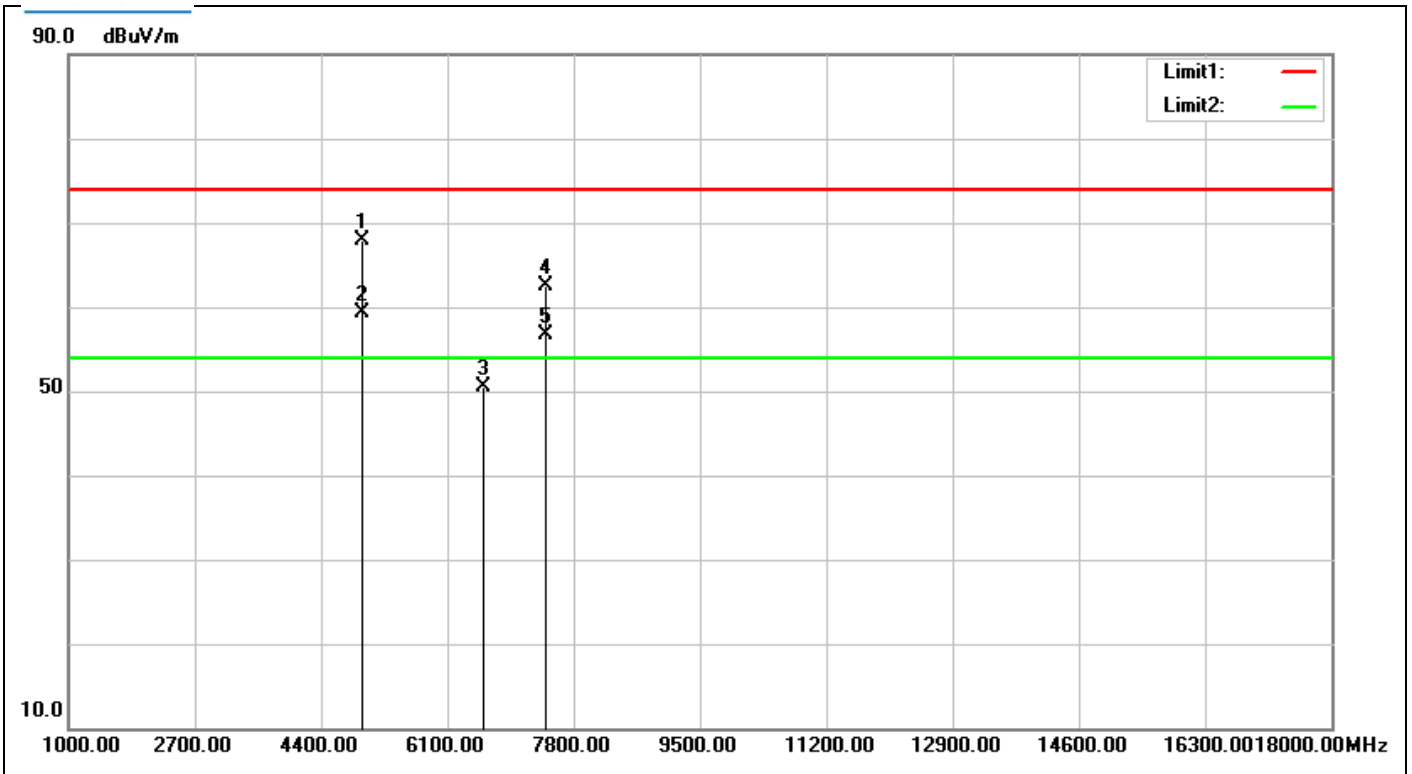
4880MHz ,AVG=28.27 dBuV/m

7320MHz,AVG=23.66dBuV/m



| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 19:51:56 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4880.000 | -2.58 | 61.98 | 59.40 | 74.00 | -14.60 | peak | 100 | 280 | |
| 2 | 4880.000 | -2.58 | 53.87 | 51.29 | 54.00 | -2.71 | AVG | 100 | 280 | |
| 3 | 6576.000 | 5.36 | 44.83 | 50.19 | 74.00 | -23.81 | peak | 100 | 139 | |
| 4 | 7320.000 | 5.75 | 54.06 | 59.81 | 74.00 | -14.19 | peak | 100 | 172 | |
| 5 | 7320.000 | 5.75 | 45.51 | 51.26 | 54.00 | -2.74 | AVG | 100 | 172 | |



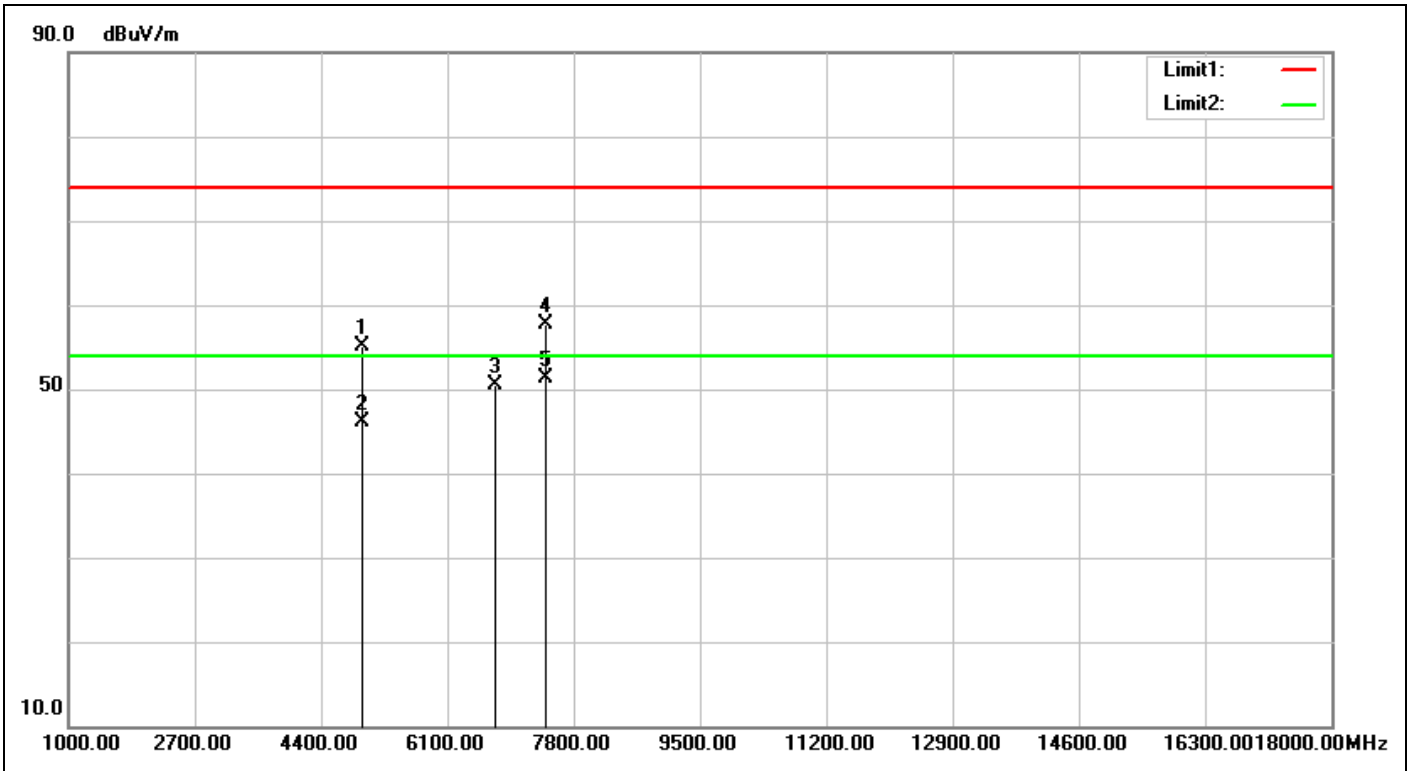
| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:31:47 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4948.000 | -2.40 | 70.29 | 67.89 | 74.00 | -6.11 | peak | 100 | 180 | |
| 2 | 4948.000 | -2.40 | 61.65 | 59.25 | 54.00 | 5.25 | AVG | 100 | 180 | |
| 3 | 6576.000 | 5.36 | 45.11 | 50.47 | 74.00 | -23.53 | peak | | 0 | |
| 4 | 7422.000 | 6.04 | 56.56 | 62.60 | 74.00 | -11.40 | peak | 100 | 350 | |
| 5 | 7422.000 | 6.04 | 50.61 | 56.65 | 54.00 | 2.65 | AVG | 100 | 350 | |

Remark:(Duty Factor corr. factor 41 dB),Avg=Peak -41dB

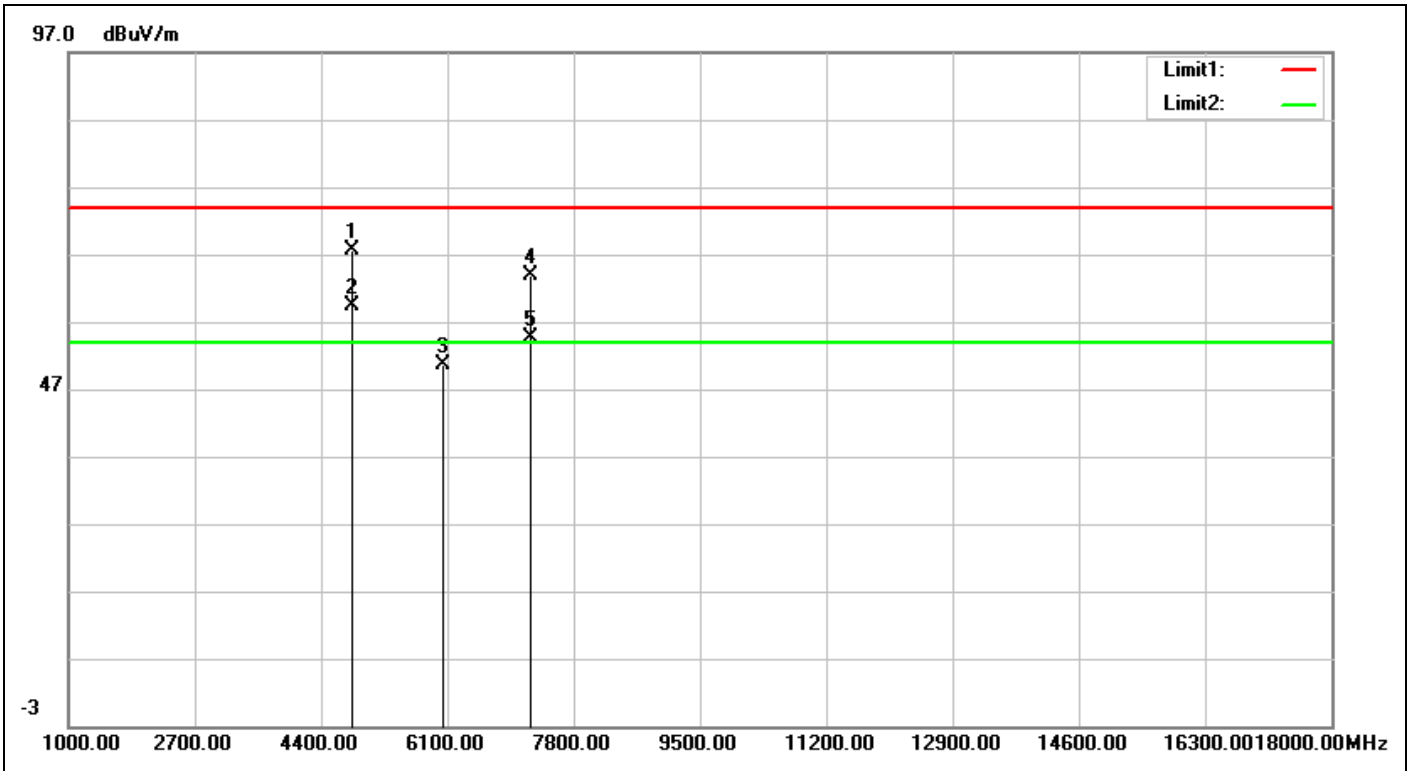
4948MHz ,AVG=26.89 dBuV/m

7422MHz,AVG=21.6 dBuV/m



| | | | |
|-----------------------|--------------------|---------------------------|-------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:32:50 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4948.000 | -2.40 | 57.53 | 55.13 | 74.00 | -18.87 | peak | 100 | 185 | |
| 2 | 4948.000 | -2.40 | 48.43 | 46.03 | 54.00 | -7.97 | AVG | 100 | 185 | |
| 3 | 6746.000 | 5.15 | 45.31 | 50.46 | 74.00 | -23.54 | peak | | | |
| 4 | 7422.000 | 6.04 | 51.59 | 57.63 | 74.00 | -16.37 | peak | 100 | 163 | |
| 5 | 7422.000 | 6.04 | 45.32 | 51.36 | 54.00 | -2.64 | AVG | 100 | 163 | |



| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677 | Test Distance: | 3m |
| Test Standard: | IC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/3/3 19:32:00 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 18.9(°C)/59% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408-TX | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------------|
| 1 | 4816.000 | -2.74 | 70.46 | 67.72 | 74.00 | -6.28 | peak | 100 | 179 | |
| 2 | 4816.000 | -2.74 | 62.12 | 59.38 | 54.00 | 5.38 | AVG | 100 | 179 | Cont. signal |
| 3 | 6049.000 | 3.85 | 46.73 | 50.58 | 74.00 | -23.42 | peak | 100 | 306 | |
| 4 | 7224.000 | 5.49 | 58.43 | 63.92 | 74.00 | -10.08 | peak | 100 | 143 | |
| 5 | 7224.000 | 5.49 | 49.26 | 54.75 | 54.00 | 0.75 | AVG | 100 | 143 | Cont. signal |

Remark:(Duty Factor corr. factor 41 dB),Avg=Peak -41dB

4816MHz ,AVG=26.72 dBuV/m

7224MHz,AVG=22.92 dBuV/m

Spurious Emissions, TX Mode, 1-18G

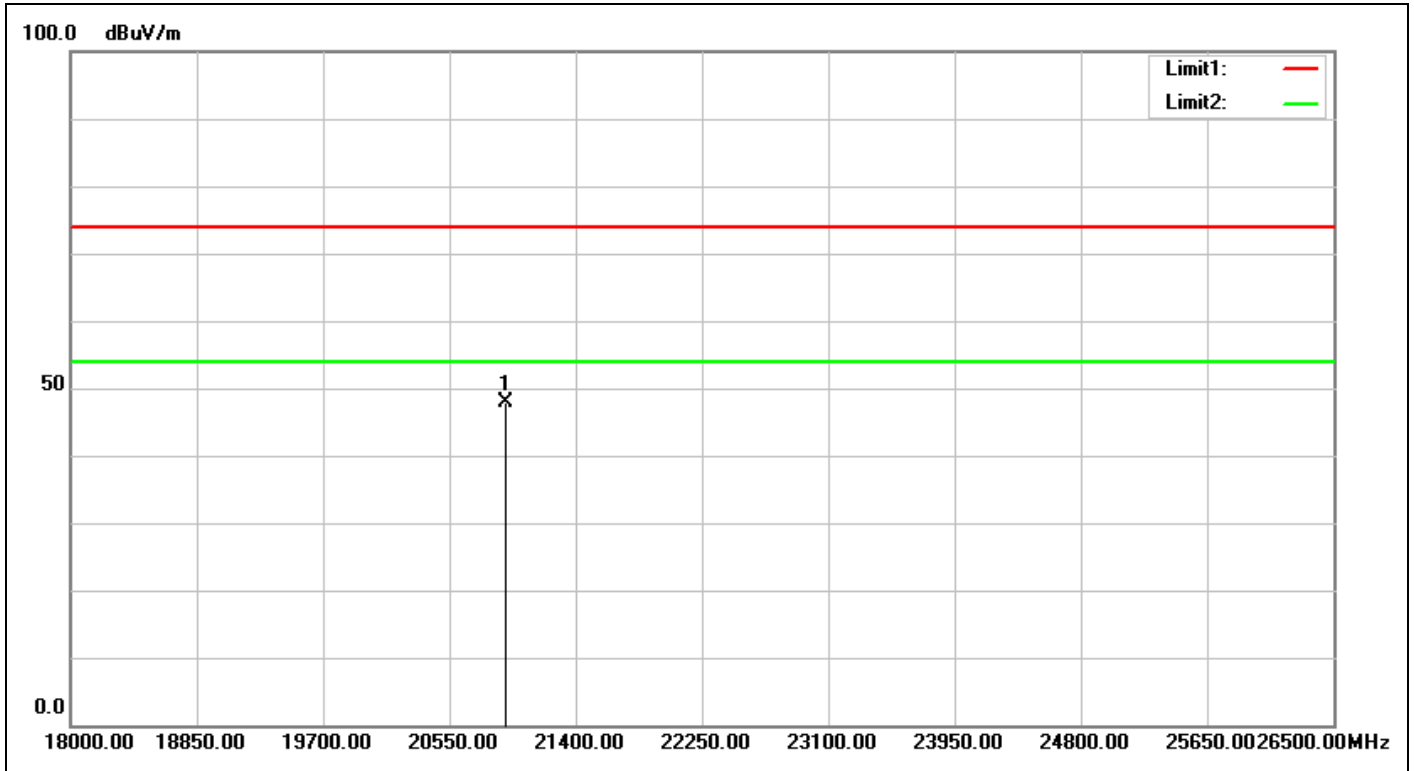
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

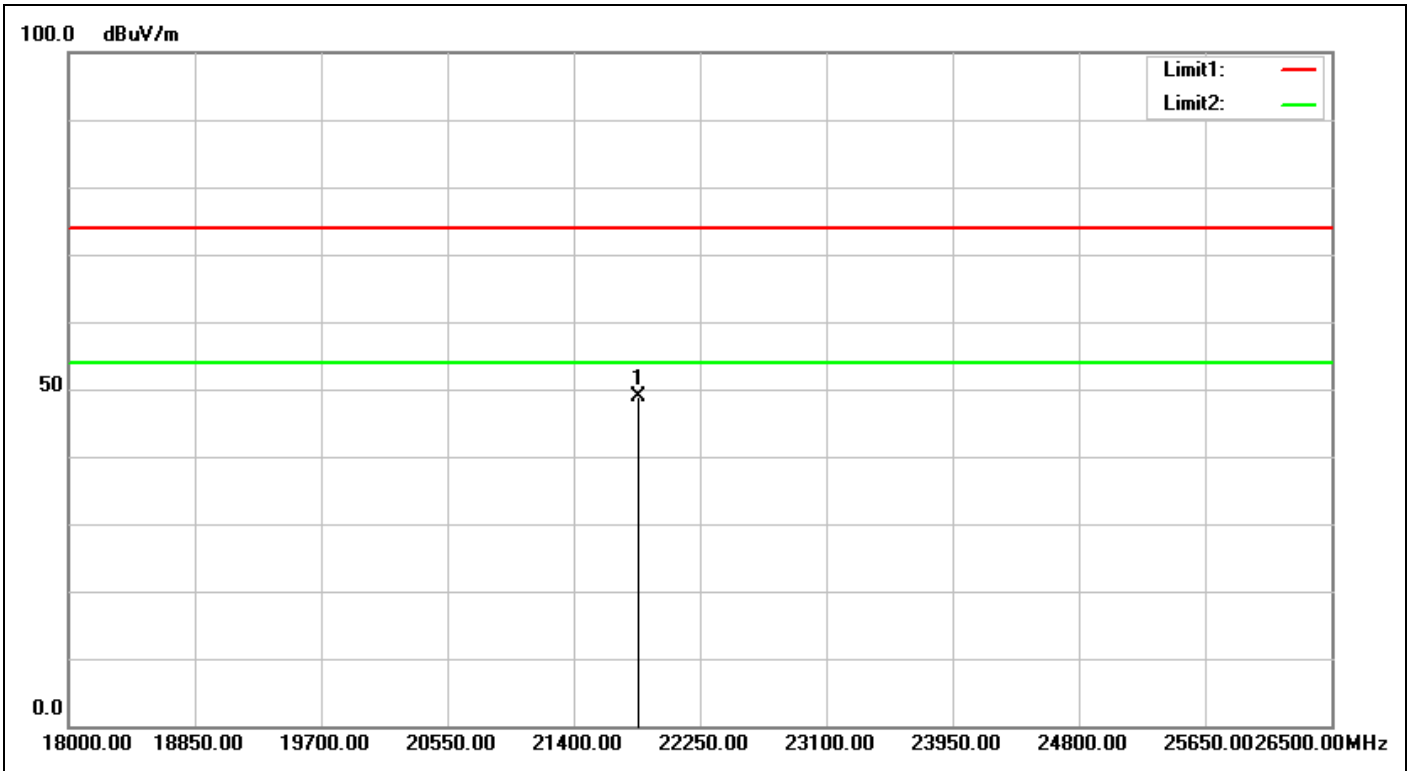
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



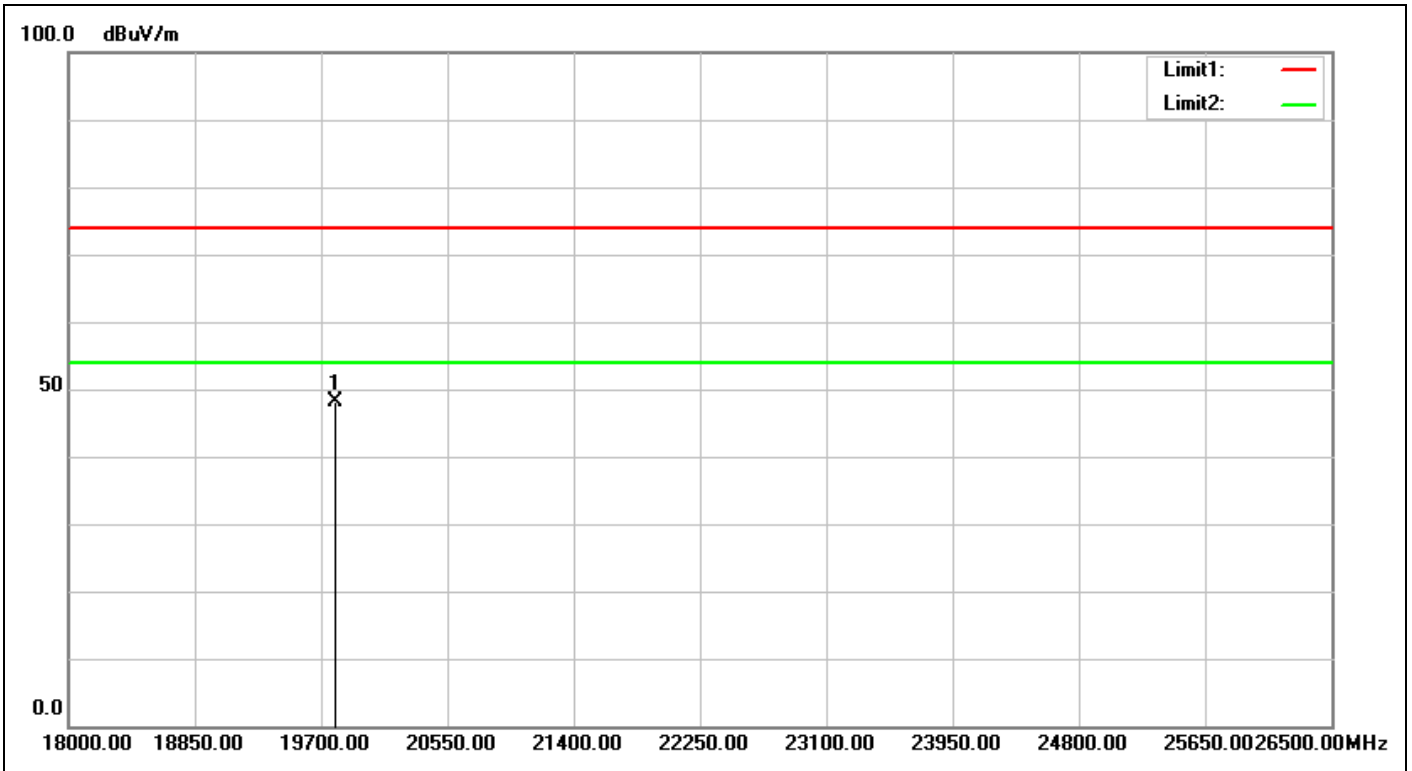
| | | | |
|-----------------------|--------------------|---------------------------|-------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 22:28:09 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 20924.000 | 29.58 | 18.30 | 47.88 | 74.00 | -26.12 | peak | 100 | 220 | |



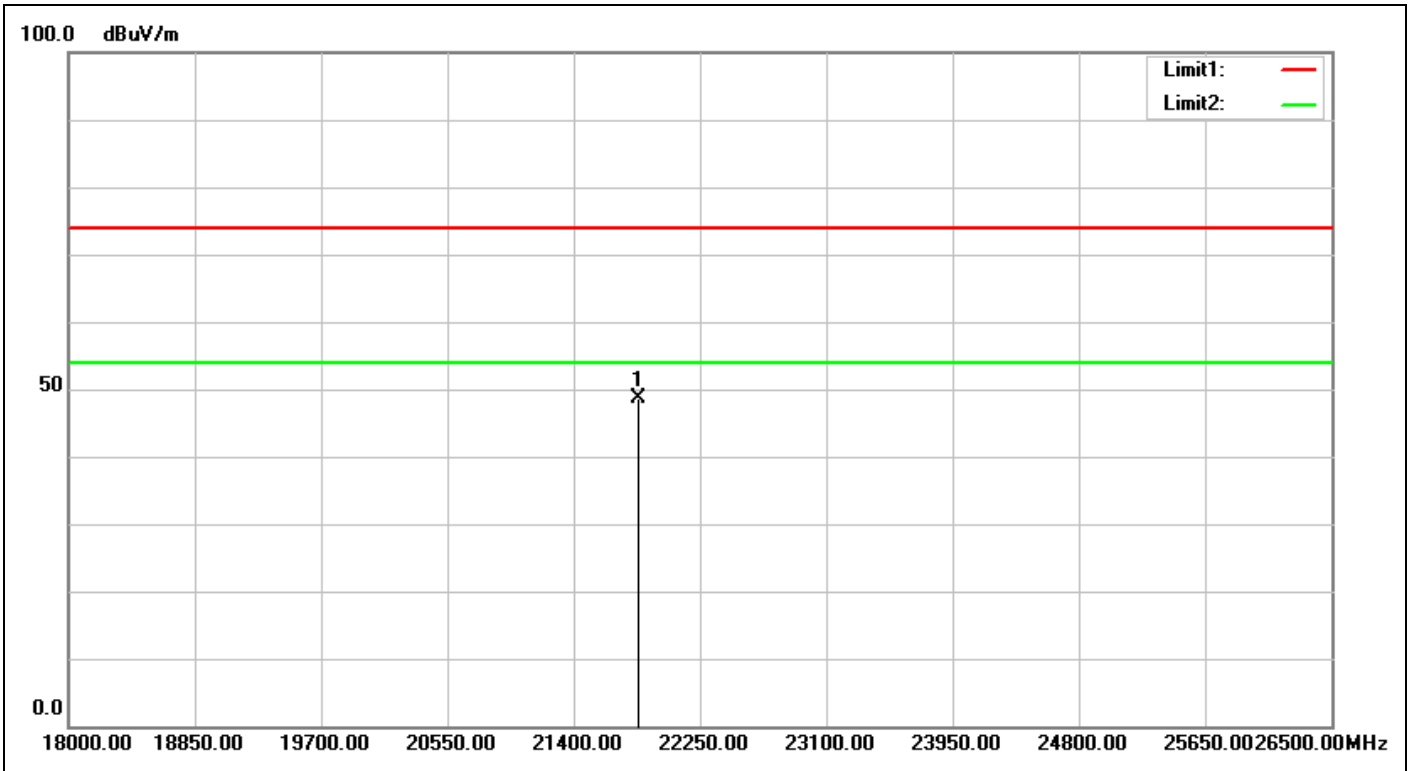
| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 22:28:27 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 21833.500 | 29.41 | 19.36 | 48.77 | 74.00 | -25.23 | peak | 100 | 220 | |



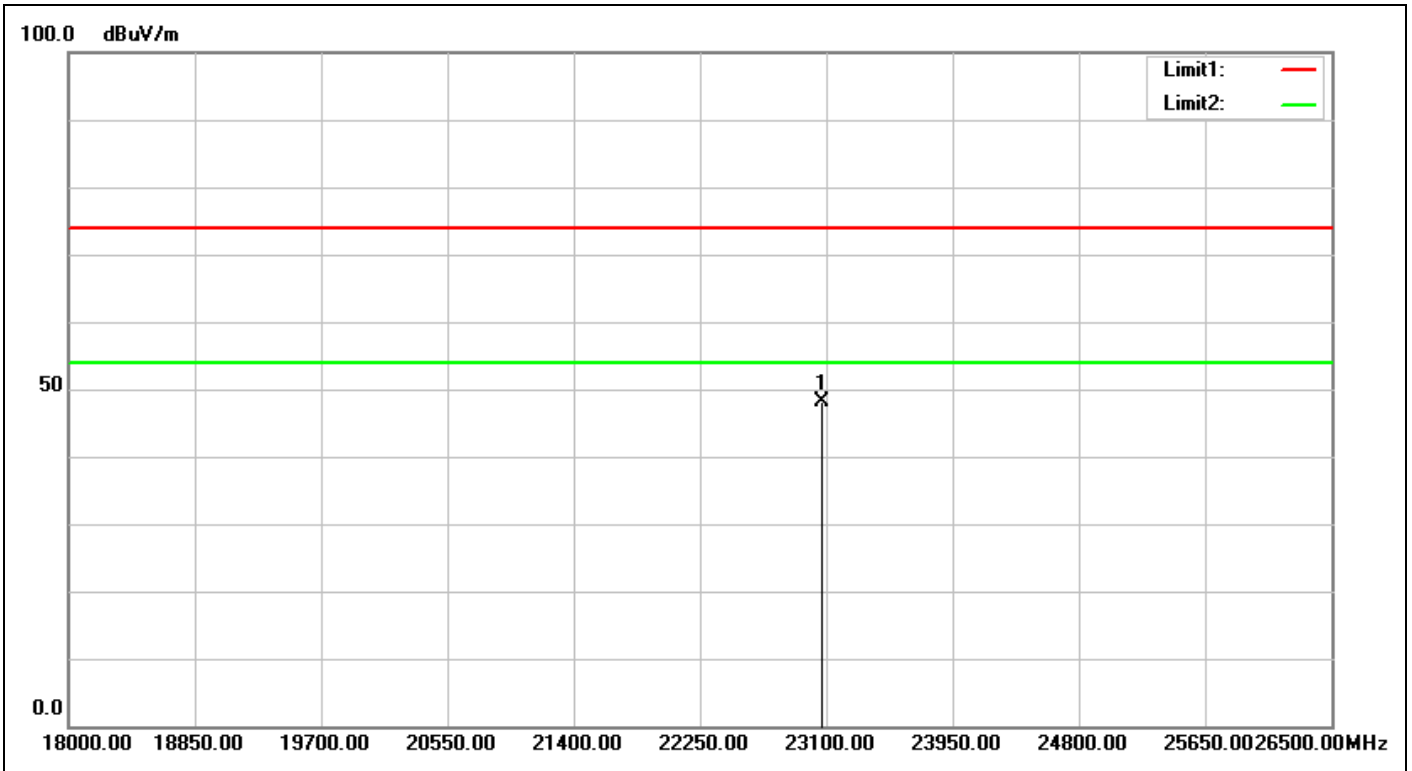
| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 22:28:46 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 19793.500 | 29.13 | 18.98 | 48.11 | 74.00 | -25.89 | peak | 100 | 236 | |



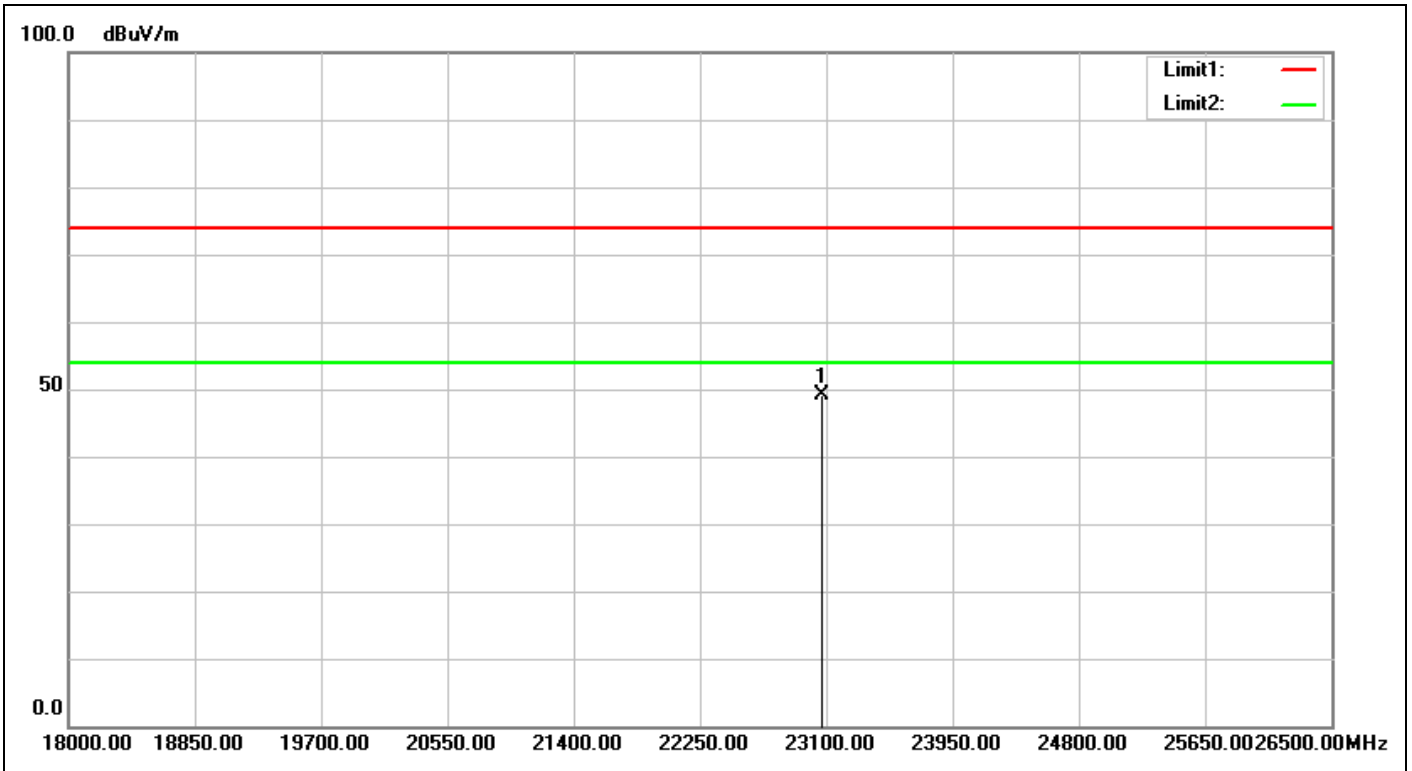
| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 22:28:58 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 21833.500 | 29.41 | 19.14 | 48.55 | 74.00 | -25.45 | peak | 100 | 220 | |



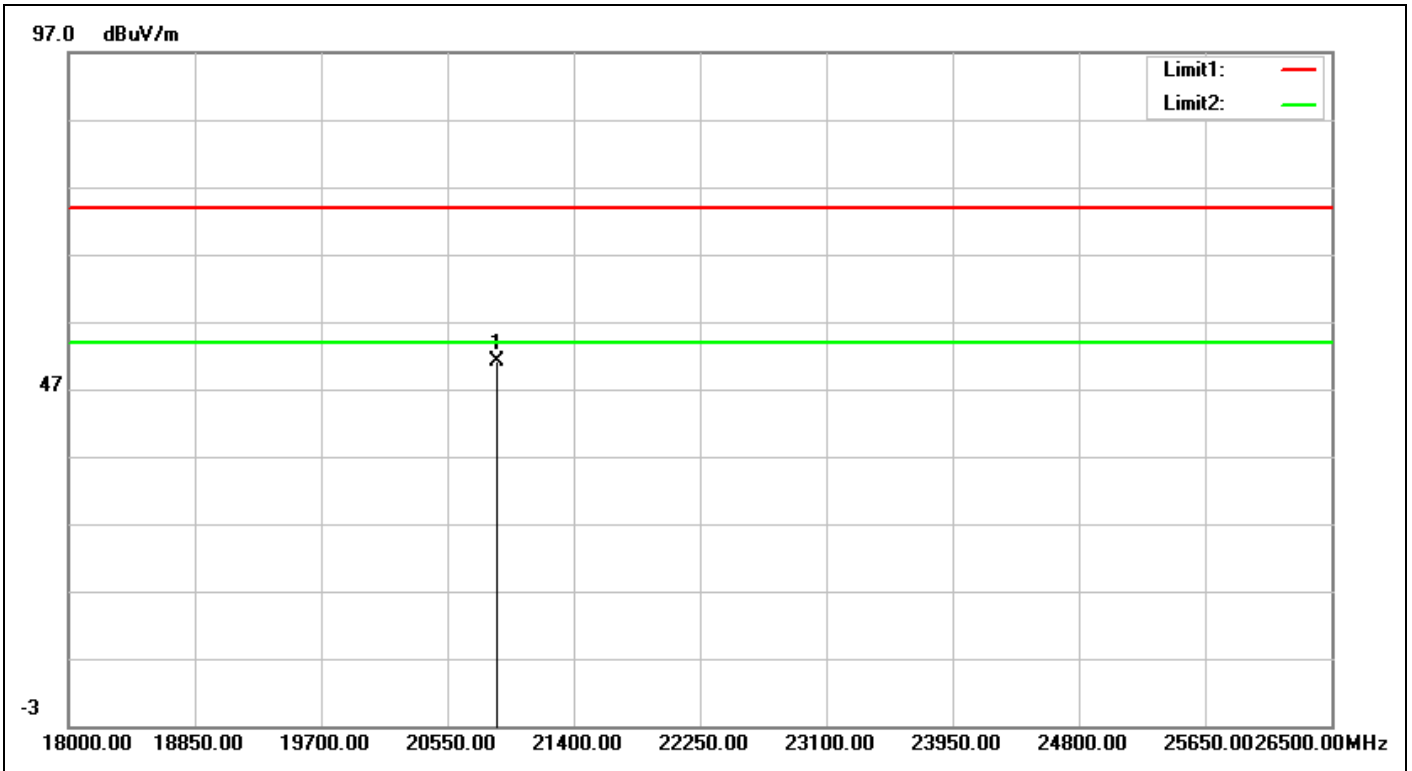
| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 22:29:16 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23066.000 | 30.25 | 17.83 | 48.08 | 74.00 | -25.92 | peak | 100 | 222 | |



| | | | |
|-----------------------|---------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/5 22:29:26 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19(°C)/53% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23066.000 | 30.25 | 18.87 | 49.12 | 74.00 | -24.88 | peak | 100 | 222 | |



| | | | |
|-----------------------|--------------------|---------------------------|-------------------|
| Service No.: | 114031677 | Test Distance: | 3m |
| Test Standard: | IC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/3/3 19:48:47 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 18.9(°C)/59% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408-TX | | |
| Remark: | IC | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 20881.500 | 30.62 | 20.55 | 51.17 | 74.00 | -22.83 | peak | 100 | 352 | |

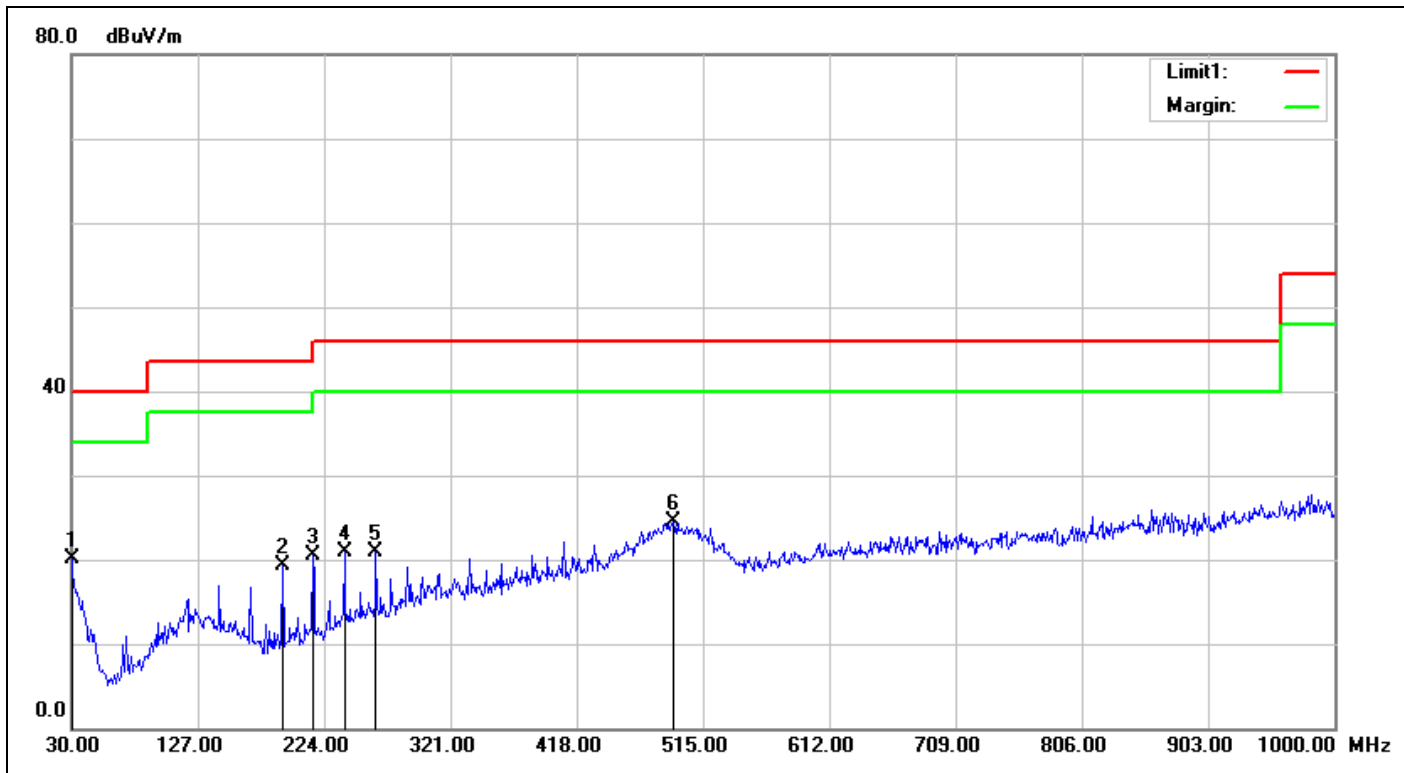
Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

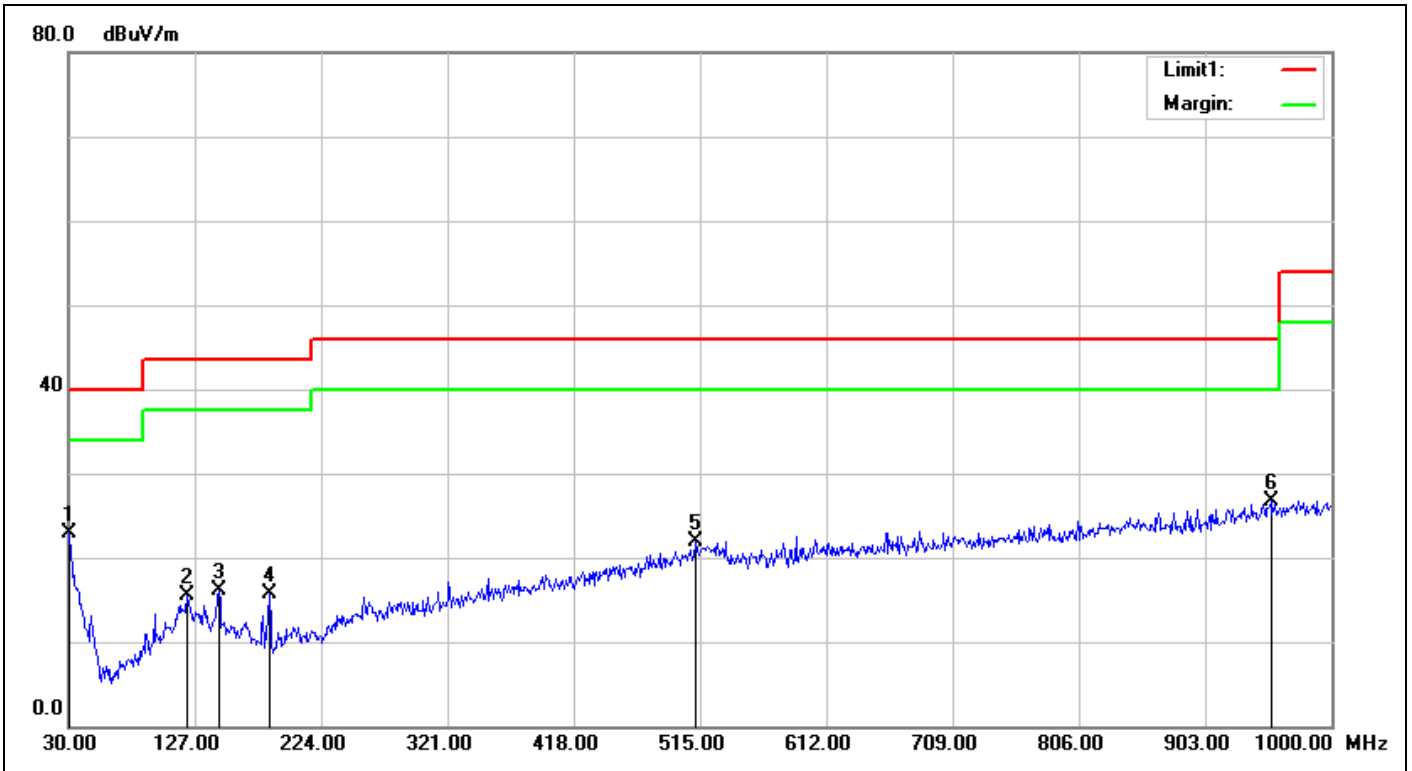
Tel:+886-2172-7000 fax:+886-2528-0018



| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:02:41 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

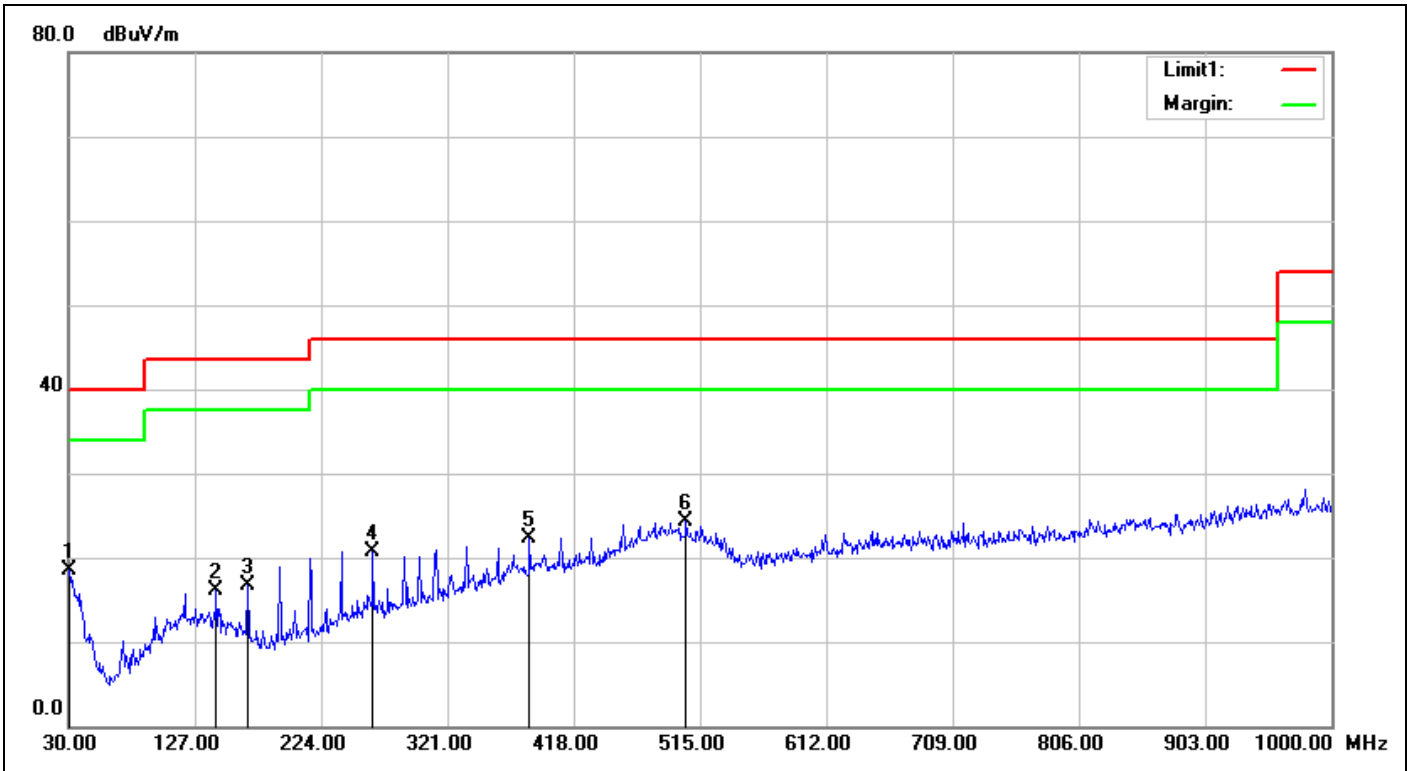
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.0000 | -5.86 | 26.03 | 20.17 | 40.00 | -19.83 | QP | 100 | 91 | |
| 2 | 191.9900 | -15.23 | 34.44 | 19.21 | 43.50 | -24.29 | QP | 100 | 216 | |
| 3 | 215.2700 | -14.31 | 34.75 | 20.44 | 43.50 | -23.06 | QP | 100 | 139 | |
| 4 | 239.5200 | -12.74 | 33.60 | 20.86 | 46.00 | -25.14 | QP | 100 | 168 | |
| 5 | 263.7700 | -11.00 | 31.91 | 20.91 | 46.00 | -25.09 | QP | 100 | 189 | |
| 6 | 492.6900 | -7.42 | 31.84 | 24.42 | 46.00 | -21.58 | QP | 100 | 179 | |

Spurious Emissions, TX Mode, 18-26G



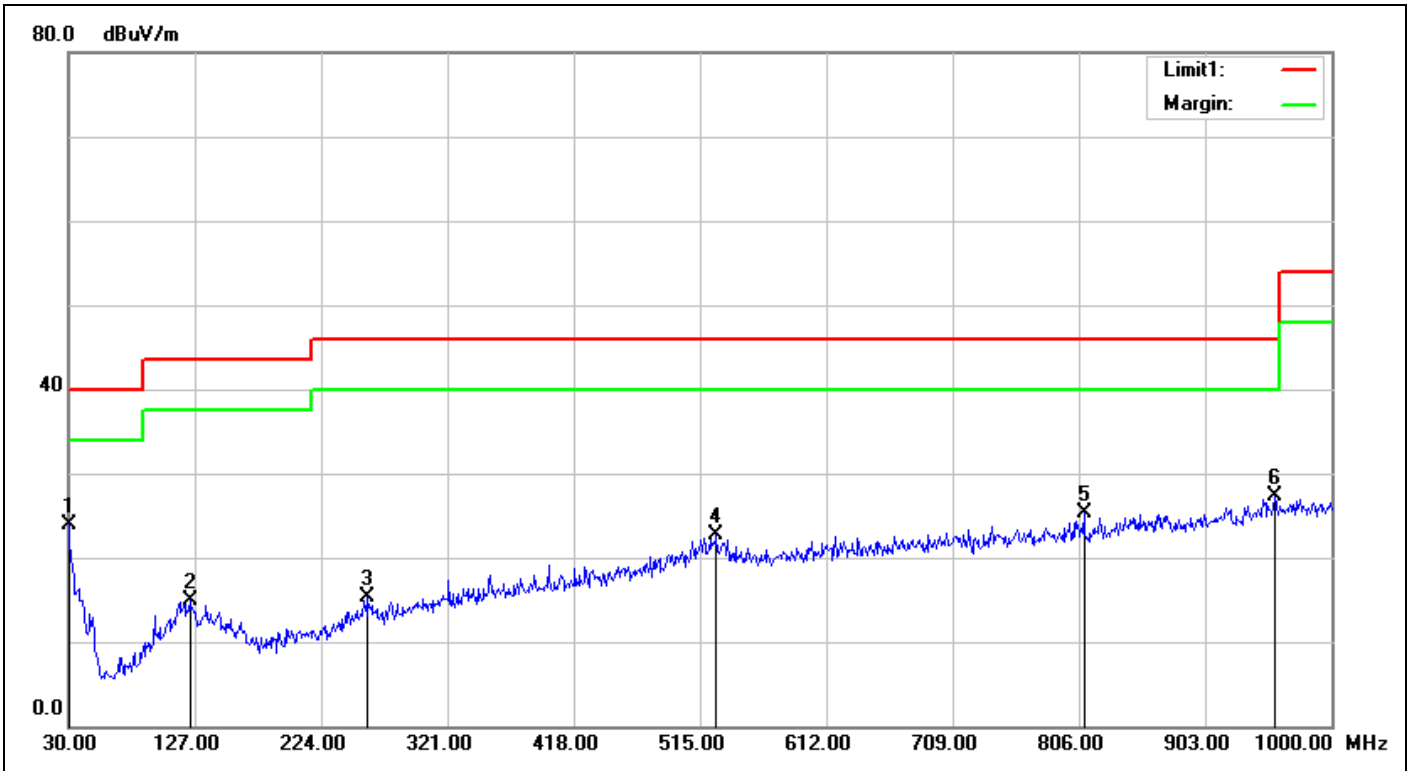
| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:03:44 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2408 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.0000 | -5.86 | 28.80 | 22.94 | 40.00 | -17.06 | QP | 100 | 341 | |
| 2 | 121.1800 | -12.96 | 28.46 | 15.50 | 43.50 | -28.00 | QP | 100 | 197 | |
| 3 | 145.4300 | -12.98 | 29.03 | 16.05 | 43.50 | -27.45 | QP | 100 | 176 | |
| 4 | 184.2300 | -15.52 | 31.25 | 15.73 | 43.50 | -27.77 | QP | 100 | 338 | |
| 5 | 512.0900 | -7.23 | 29.06 | 21.83 | 46.00 | -24.17 | QP | 100 | 232 | |
| 6 | 953.4400 | -0.53 | 27.24 | 26.71 | 46.00 | -19.29 | QP | 100 | 216 | |



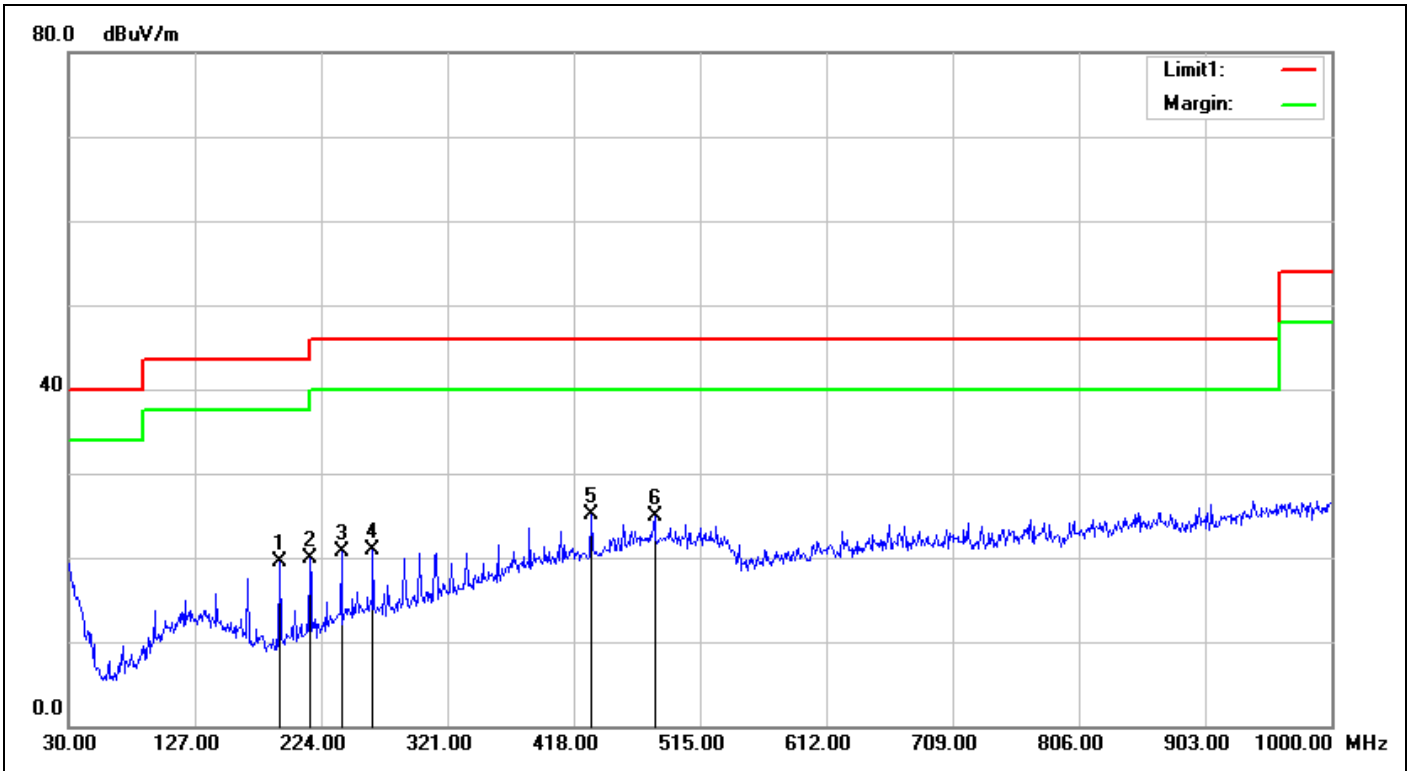
| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:07:59 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.9700 | -6.39 | 24.84 | 18.45 | 40.00 | -21.55 | QP | 100 | 0 | |
| 2 | 143.4900 | -12.87 | 29.03 | 16.16 | 43.50 | -27.34 | QP | 100 | 243 | |
| 3 | 167.7400 | -14.57 | 31.27 | 16.70 | 43.50 | -26.80 | QP | 100 | 83 | |
| 4 | 263.7700 | -11.00 | 31.79 | 20.79 | 46.00 | -25.21 | QP | 100 | 118 | |
| 5 | 384.0500 | -8.93 | 31.29 | 22.36 | 46.00 | -23.64 | QP | 100 | 0 | |
| 6 | 504.3300 | -7.27 | 31.59 | 24.32 | 46.00 | -21.68 | QP | 100 | 165 | |



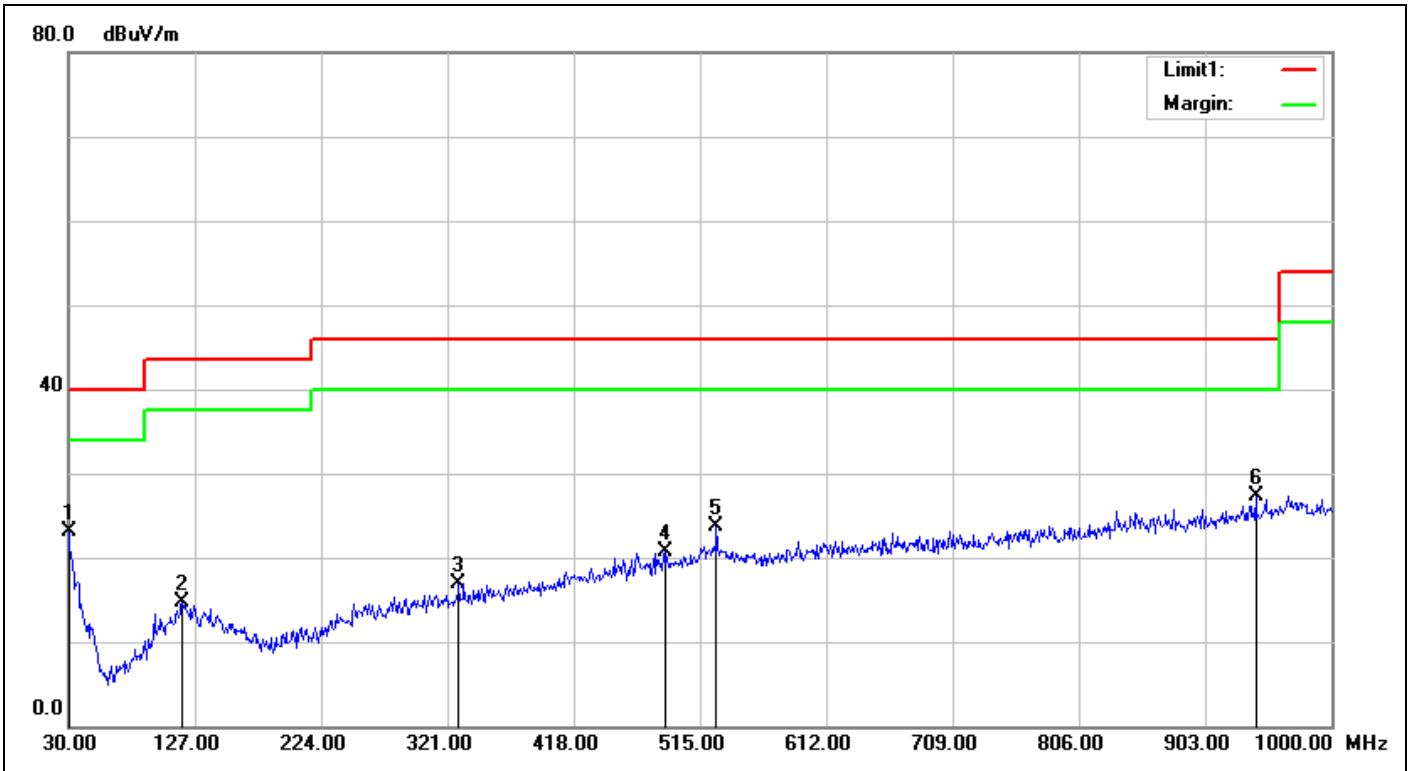
| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:09:02 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2440 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.0000 | -5.86 | 29.85 | 23.99 | 40.00 | -16.01 | QP | 100 | 102 | |
| 2 | 123.1200 | -12.90 | 27.85 | 14.95 | 43.50 | -28.55 | QP | 100 | 173 | |
| 3 | 259.8900 | -10.80 | 26.02 | 15.22 | 46.00 | -30.78 | QP | 100 | 6 | |
| 4 | 527.6100 | -7.12 | 29.75 | 22.63 | 46.00 | -23.37 | QP | 100 | 224 | |
| 5 | 809.8800 | -3.47 | 28.81 | 25.34 | 46.00 | -20.66 | QP | 100 | 51 | |
| 6 | 956.3500 | -0.50 | 27.76 | 27.26 | 46.00 | -18.74 | QP | 100 | 266 | |



| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:11:17 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 191.9900 | -15.23 | 34.73 | 19.50 | 43.50 | -24.00 | QP | 100 | 1 | |
| 2 | 215.2700 | -14.31 | 34.27 | 19.96 | 43.50 | -23.54 | QP | 100 | 229 | |
| 3 | 239.5200 | -12.74 | 33.46 | 20.72 | 46.00 | -25.28 | QP | 100 | 157 | |
| 4 | 263.7700 | -11.00 | 31.90 | 20.90 | 46.00 | -25.10 | QP | 100 | 192 | |
| 5 | 431.5800 | -8.29 | 33.43 | 25.14 | 46.00 | -20.86 | QP | 100 | 338 | |
| 6 | 480.0800 | -7.60 | 32.58 | 24.98 | 46.00 | -21.02 | QP | 100 | 359 | |



| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114031677-FCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2015/2/4 16:12:21 |
| Applicant: | Acrox | Test Rating: | DC 1.5V |
| Product: | 2.4GHz mouse | Temp.(°C)/Hum.(%): | 19.8(°C)/57% |
| Model No.: | NS-PNM6003-BU | Test Engineer: | Sam Su |
| Test Mode: | 2474 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.0000 | -5.86 | 28.98 | 23.12 | 40.00 | -16.88 | QP | 100 | 237 | |
| 2 | 117.3000 | -13.15 | 27.81 | 14.66 | 43.50 | -28.84 | QP | 100 | 171 | |
| 3 | 329.7300 | -9.84 | 26.82 | 16.98 | 46.00 | -29.02 | QP | 100 | 168 | |
| 4 | 487.8400 | -7.48 | 28.26 | 20.78 | 46.00 | -25.22 | QP | 100 | 266 | |
| 5 | 527.6100 | -7.12 | 30.73 | 23.61 | 46.00 | -22.39 | QP | 100 | 53 | |
| 6 | 941.8000 | -0.82 | 28.07 | 27.25 | 46.00 | -18.75 | QP | 100 | 3 | |