

Test Report No.50088175 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50088175AppendixD)

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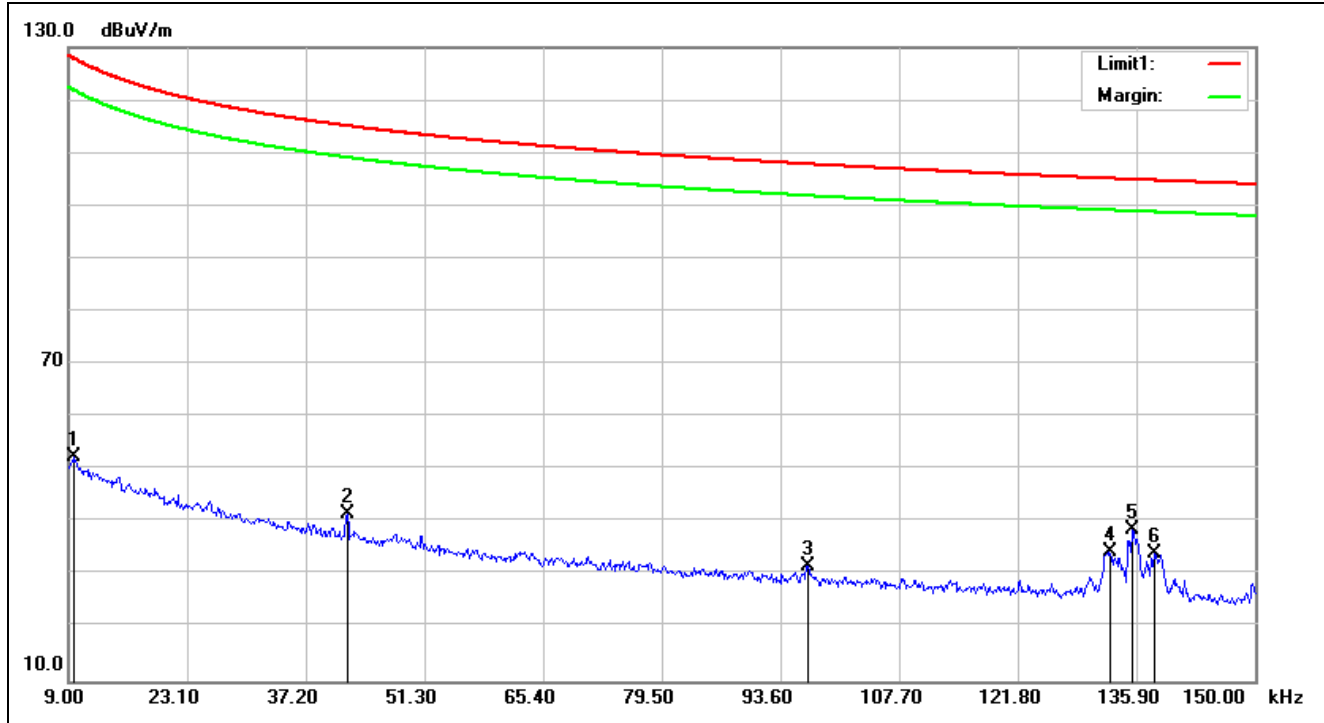
Spurious Emissions, TX Mode, 9k-150k



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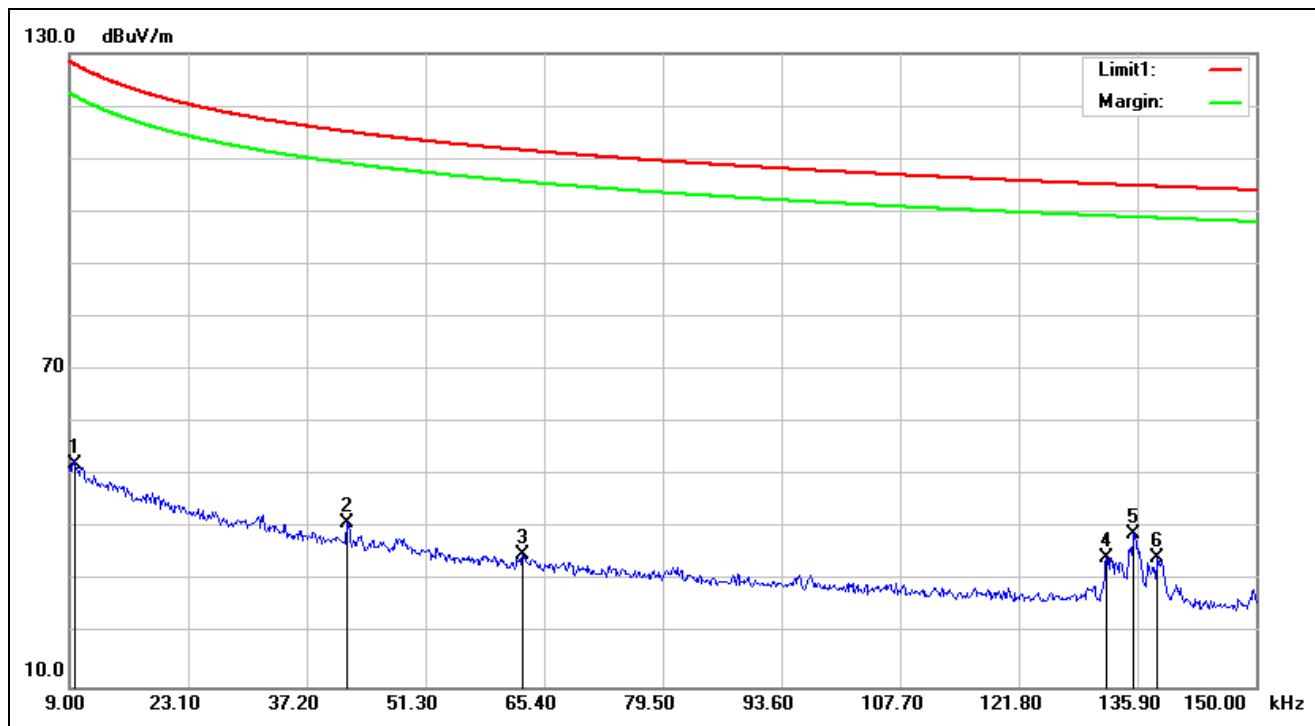
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| | | | |
|-----------------------|-------------------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017/6/26 13:21:41 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0096 | 20.01 | 32.37 | 52.38 | 127.96 | -75.58 | QP | 100 | 75 | |
| 2 | 0.0421 | 19.62 | 22.10 | 41.72 | 115.12 | -73.40 | QP | 100 | 64 | |
| 3 | 0.0968 | 18.87 | 12.93 | 31.80 | 107.89 | -76.09 | QP | 100 | 251 | |
| 4 | 0.1327 | 18.82 | 15.49 | 34.31 | 105.15 | -70.84 | QP | 100 | 150 | |
| 5 | 0.1355 | 18.81 | 19.79 | 38.60 | 104.97 | -66.37 | QP | 100 | 158 | |
| 6 | 0.1380 | 18.81 | 15.40 | 34.21 | 104.81 | -70.60 | QP | 100 | 145 | |

Spurious Emissions, Band Edge, 2.35-2.5G



| | | | |
|----------------|------------------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017/6/26 13:25:39 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0097 | 20.09 | 31.93 | 52.02 | 127.87 | -75.85 | QP | 100 | 357 | |
| 2 | 0.0420 | 19.62 | 21.37 | 40.99 | 115.14 | -74.15 | QP | 100 | 73 | |
| 3 | 0.0629 | 19.13 | 16.06 | 35.19 | 111.63 | -76.44 | QP | 100 | 38 | |
| 4 | 0.1322 | 18.82 | 15.70 | 34.52 | 105.18 | -70.66 | QP | 100 | 147 | |
| 5 | 0.1355 | 18.81 | 20.11 | 38.92 | 104.97 | -66.05 | QP | 100 | 145 | |
| 6 | 0.1383 | 18.81 | 15.60 | 34.41 | 104.79 | -70.38 | QP | 100 | 153 | |

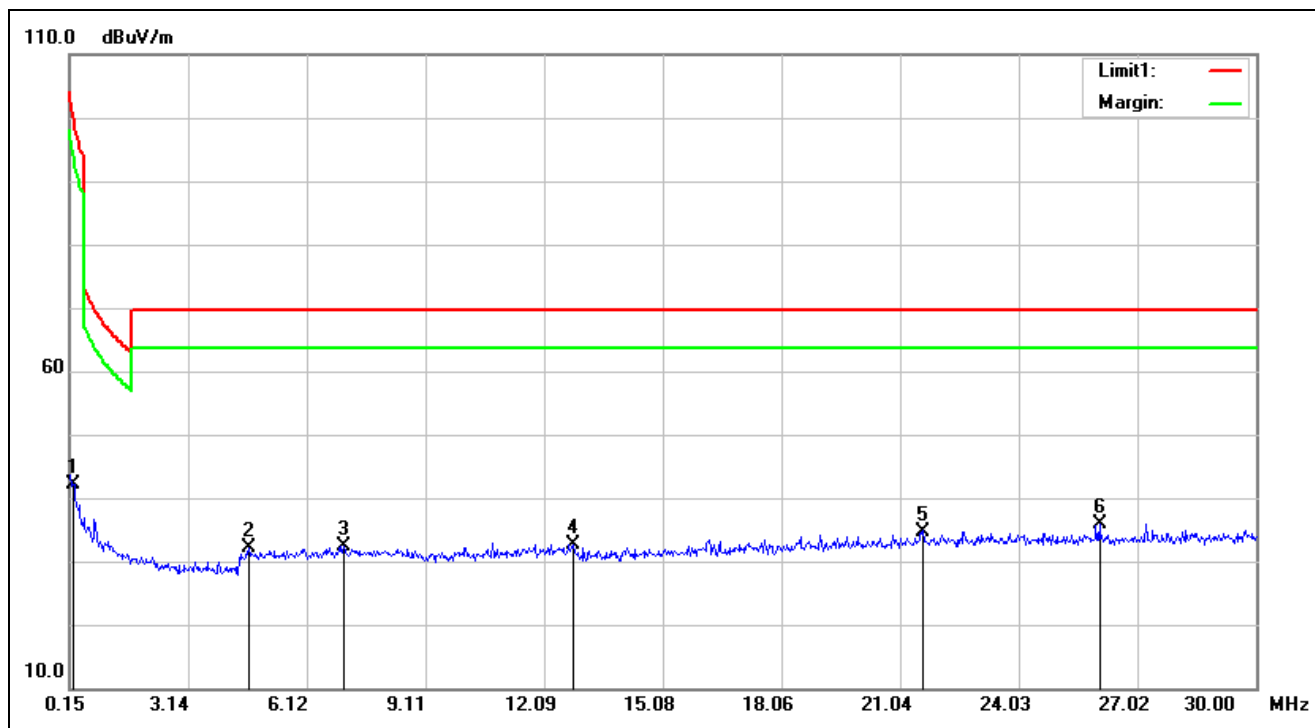
Spurious Emissions, TX Mode, 150k-30M



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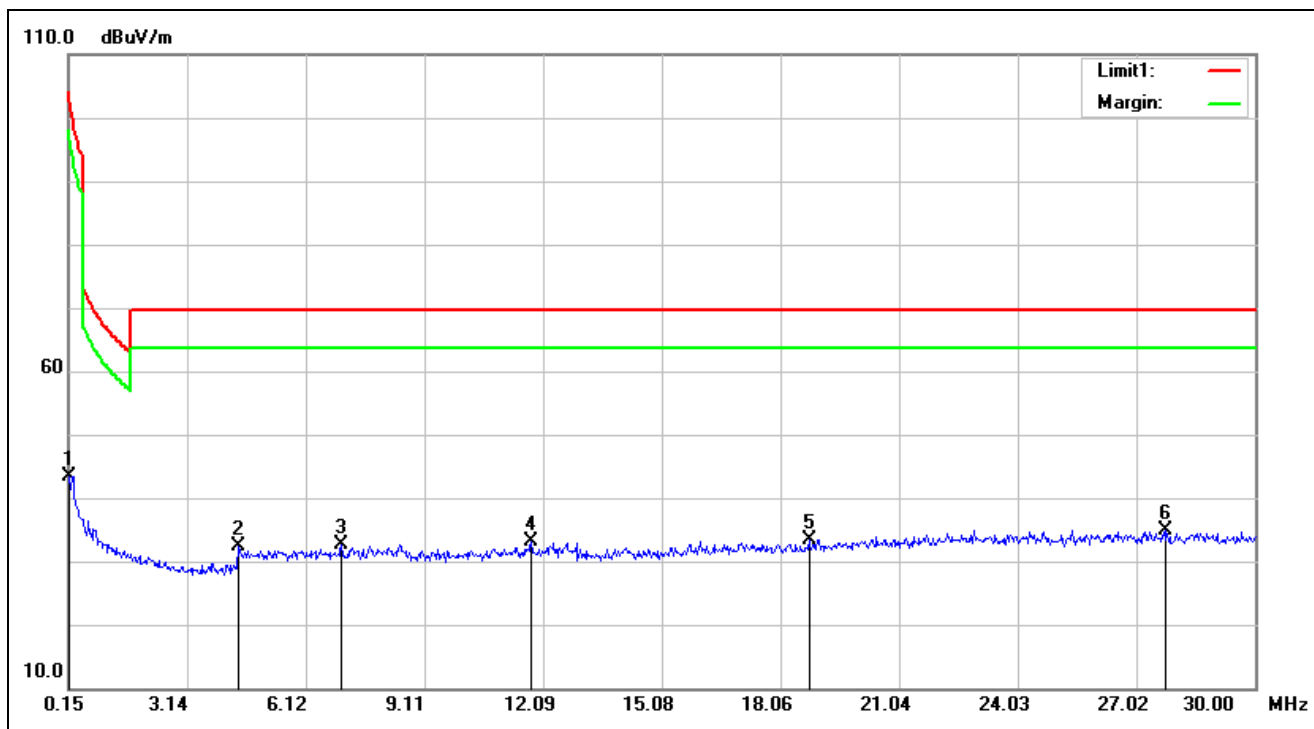
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| | | | |
|----------------|------------------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 13:36:24 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.2396 | 18.72 | 23.48 | 42.20 | 100.01 | -57.81 | QP | 100 | 291 | |
| 2 | 4.6574 | 19.47 | 12.65 | 32.12 | 69.54 | -37.42 | QP | 100 | 189 | |
| 3 | 7.0454 | 19.93 | 12.44 | 32.37 | 69.54 | -37.17 | QP | 100 | 357 | |
| 4 | 12.8064 | 20.72 | 11.99 | 32.71 | 69.54 | -36.83 | QP | 100 | 4 | |
| 5 | 21.6122 | 21.67 | 13.08 | 34.75 | 69.54 | -34.79 | QP | 100 | 0 | |
| 6 | 26.0598 | 21.99 | 13.85 | 35.84 | 69.54 | -33.70 | QP | 100 | 357 | |

Spurious Emissions, Band Edge, 2.35-2.5G



| | | | |
|----------------|------------------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 13:40:03 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.1500 | 18.80 | 24.64 | 43.44 | 104.08 | -60.64 | QP | 100 | 95 | |
| 2 | 4.4186 | 19.39 | 12.89 | 32.28 | 69.54 | -37.26 | QP | 100 | 357 | |
| 3 | 7.0155 | 19.92 | 12.74 | 32.66 | 69.54 | -36.88 | QP | 100 | 1 | |
| 4 | 11.7915 | 20.60 | 12.56 | 33.16 | 69.54 | -36.38 | QP | 100 | 61 | |
| 5 | 18.7764 | 21.41 | 12.06 | 33.47 | 69.54 | -36.07 | QP | 100 | 241 | |
| 6 | 27.7613 | 22.12 | 12.66 | 34.78 | 69.54 | -34.76 | QP | 100 | 86 | |

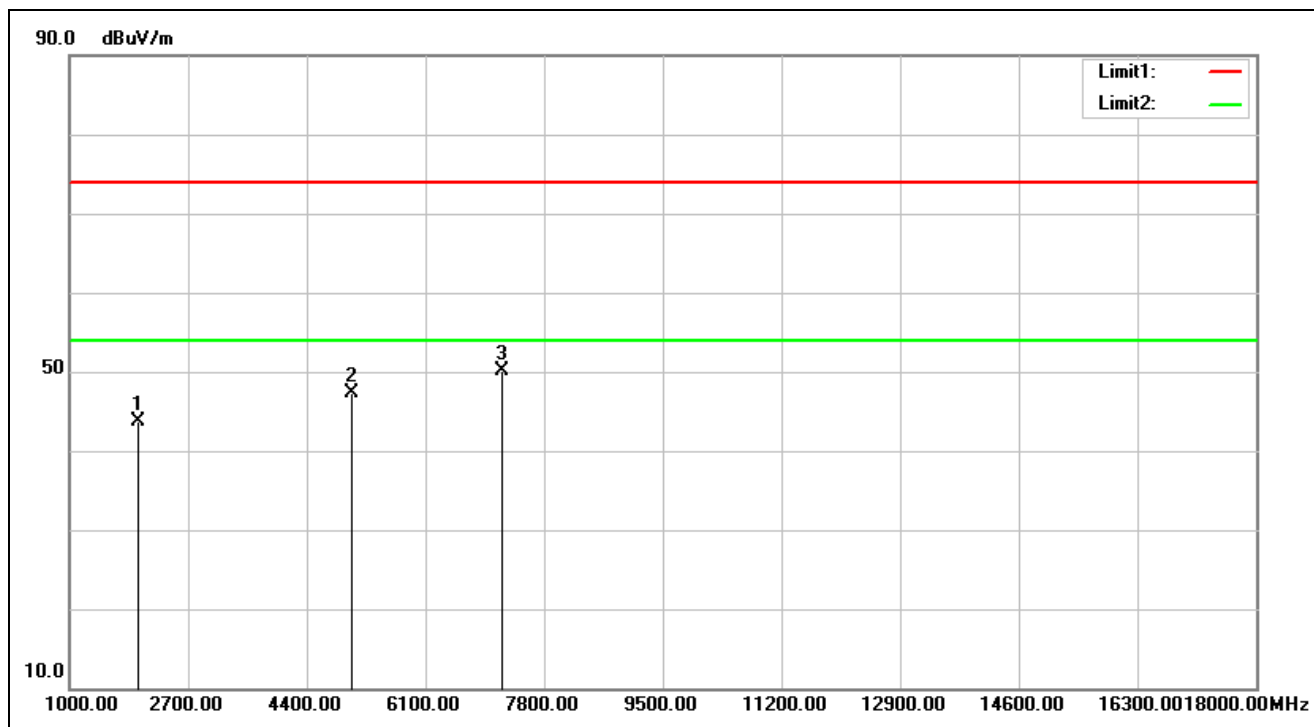
Spurious Emissions, TX Mode, 1-18G



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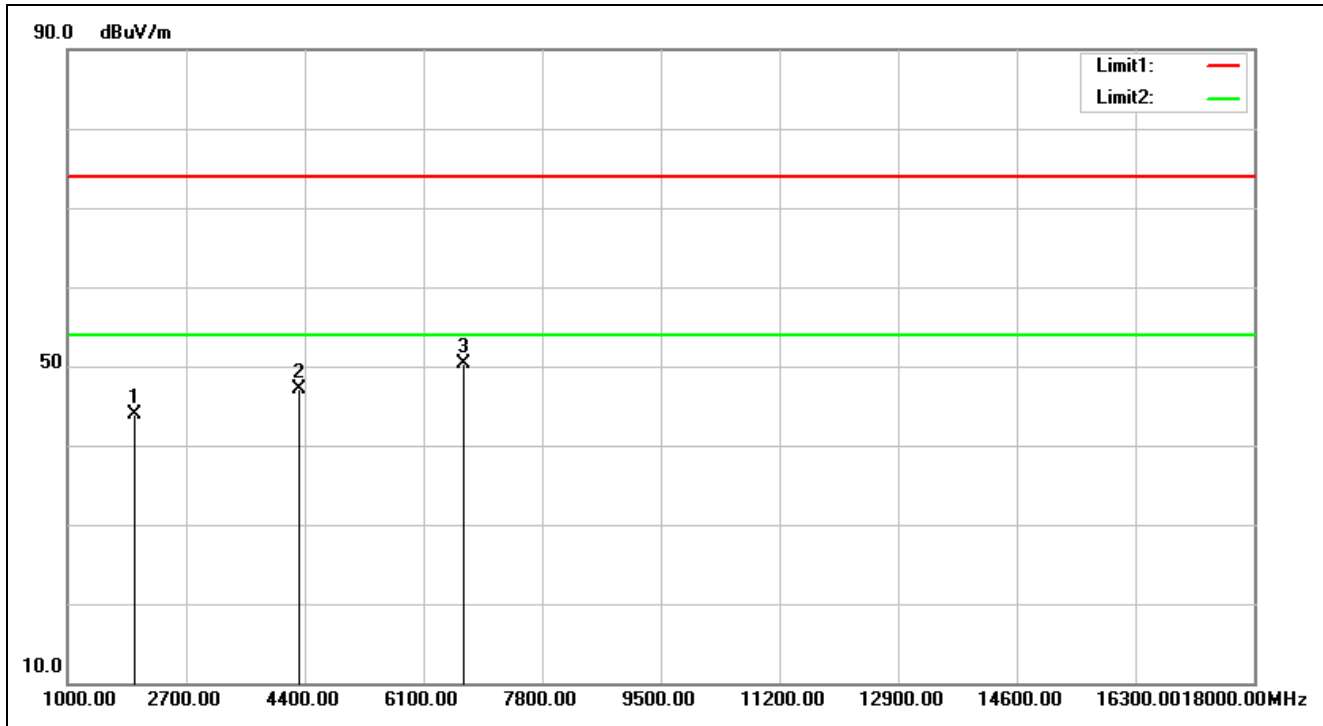
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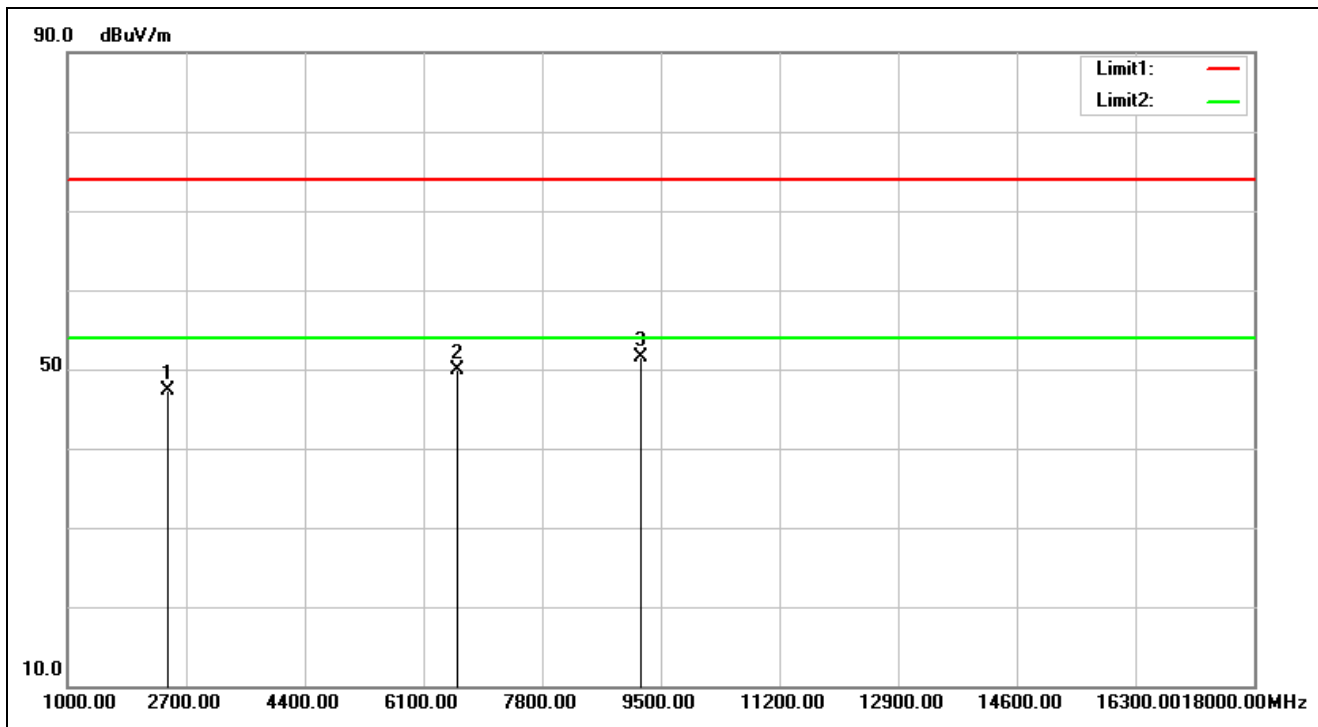
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|----------------|---------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:17:13 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.16-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 1986.000 | -8.10 | 51.74 | 43.64 | 74.00 | -30.36 | peak | 100 | 218 | |
| 2 | 5046.000 | -3.00 | 50.30 | 47.30 | 74.00 | -26.70 | peak | 100 | 13 | |
| 3 | 7205.000 | 4.54 | 45.61 | 50.15 | 74.00 | -23.85 | peak | 100 | 360 | |



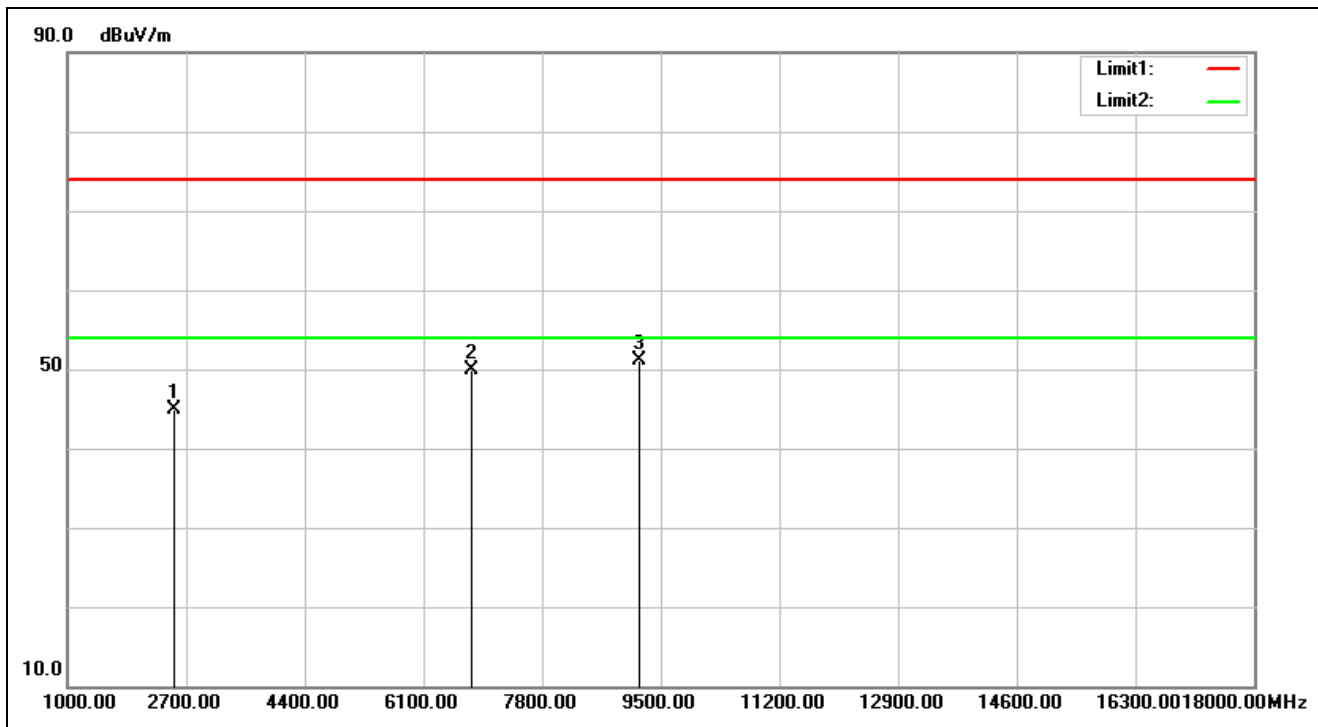
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|----------------|---------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:18:15 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.16-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 1969.000 | -8.23 | 52.11 | 43.88 | 74.00 | -30.12 | peak | 100 | 239 | |
| 2 | 4315.000 | -4.58 | 51.66 | 47.08 | 74.00 | -26.92 | peak | 100 | 0 | |
| 3 | 6678.000 | 4.37 | 45.97 | 50.34 | 74.00 | -23.66 | peak | 100 | 111 | |



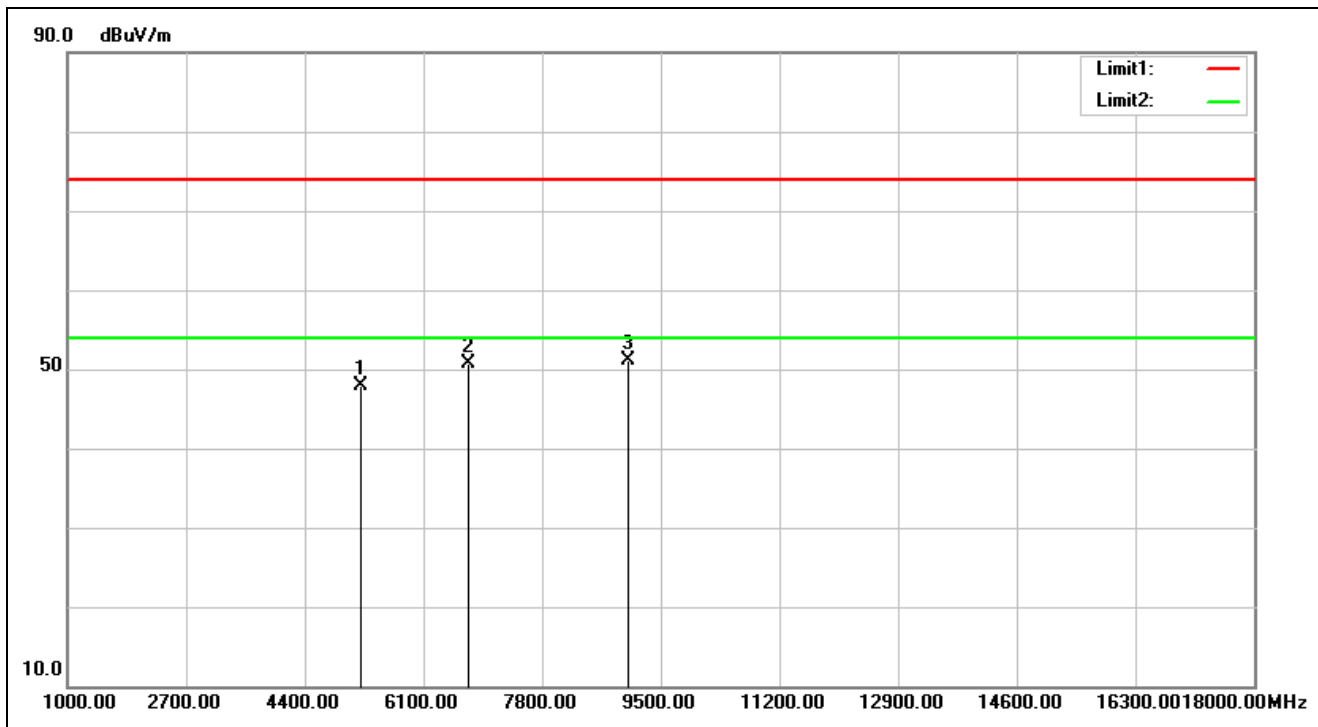
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:21:57 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2428.000 | -7.94 | 55.33 | 47.39 | 74.00 | -26.61 | peak | 100 | 166 | |
| 2 | 6576.000 | 4.51 | 45.44 | 49.95 | 74.00 | -24.05 | peak | 100 | 296 | |
| 3 | 9211.000 | 5.72 | 45.80 | 51.52 | 74.00 | -22.48 | peak | 100 | 27 | |



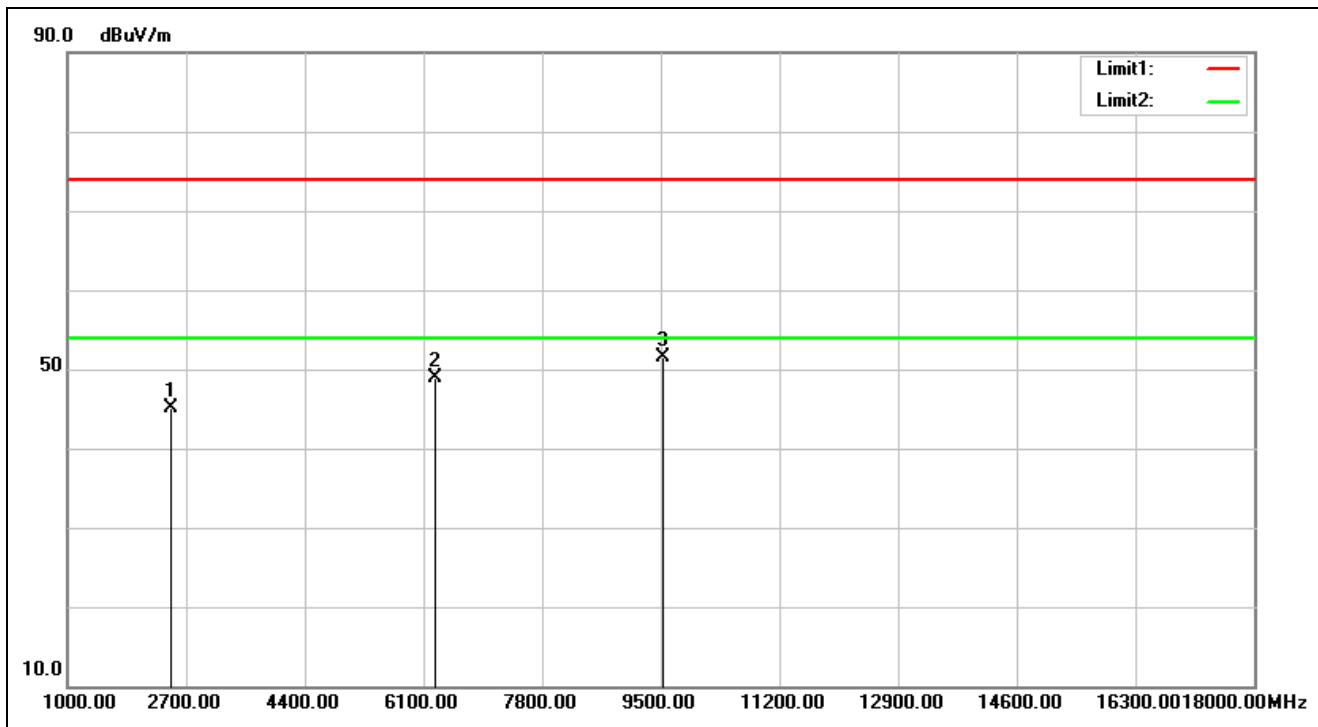
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:22:59 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 2530.000 | -7.87 | 52.74 | 44.87 | 74.00 | -29.13 | peak | 100 | 89 | |
| 2 | 6780.000 | 4.23 | 45.77 | 50.00 | 74.00 | -24.00 | peak | 100 | 316 | |
| 3 | 9194.000 | 5.73 | 45.32 | 51.05 | 74.00 | -22.95 | peak | 100 | 272 | |



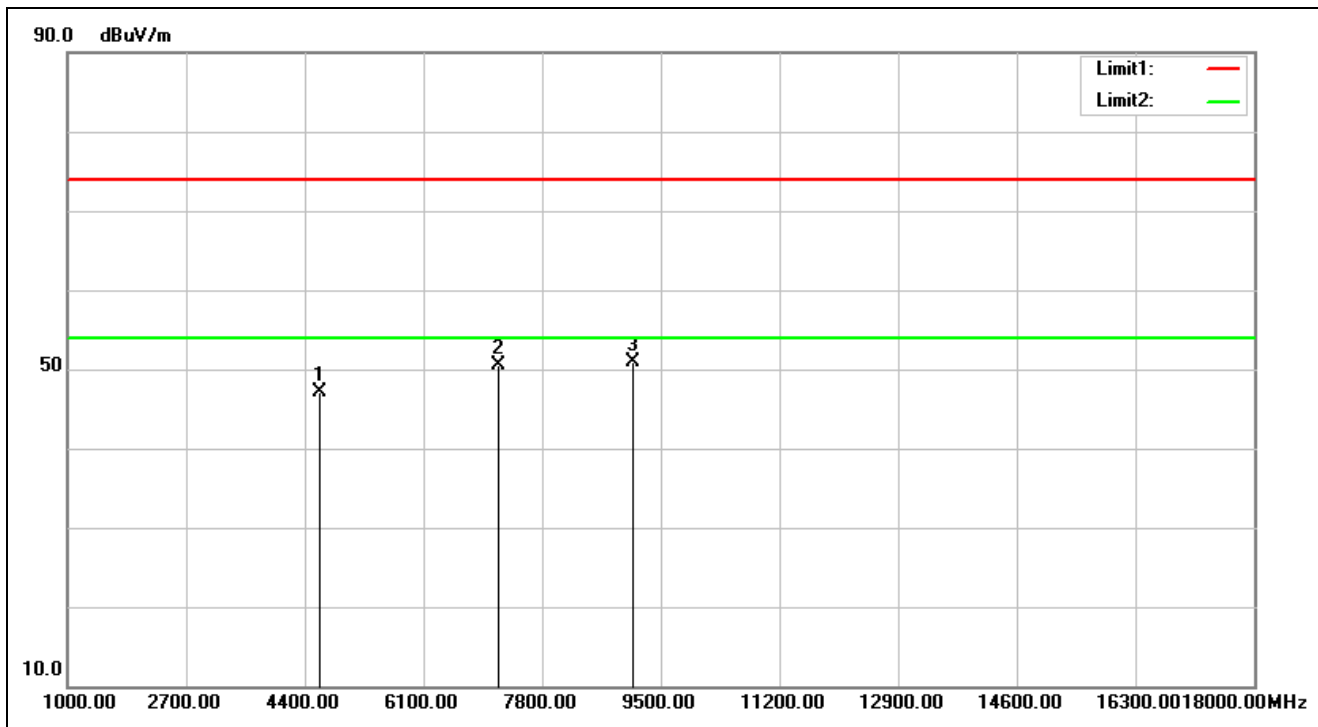
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:24:56 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.80-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 5199.000 | -2.19 | 50.02 | 47.83 | 74.00 | -26.17 | peak | 100 | 124 | |
| 2 | 6746.000 | 4.27 | 46.53 | 50.80 | 74.00 | -23.20 | peak | 100 | 94 | |
| 3 | 9041.000 | 5.83 | 45.33 | 51.16 | 74.00 | -22.84 | peak | 100 | 183 | |



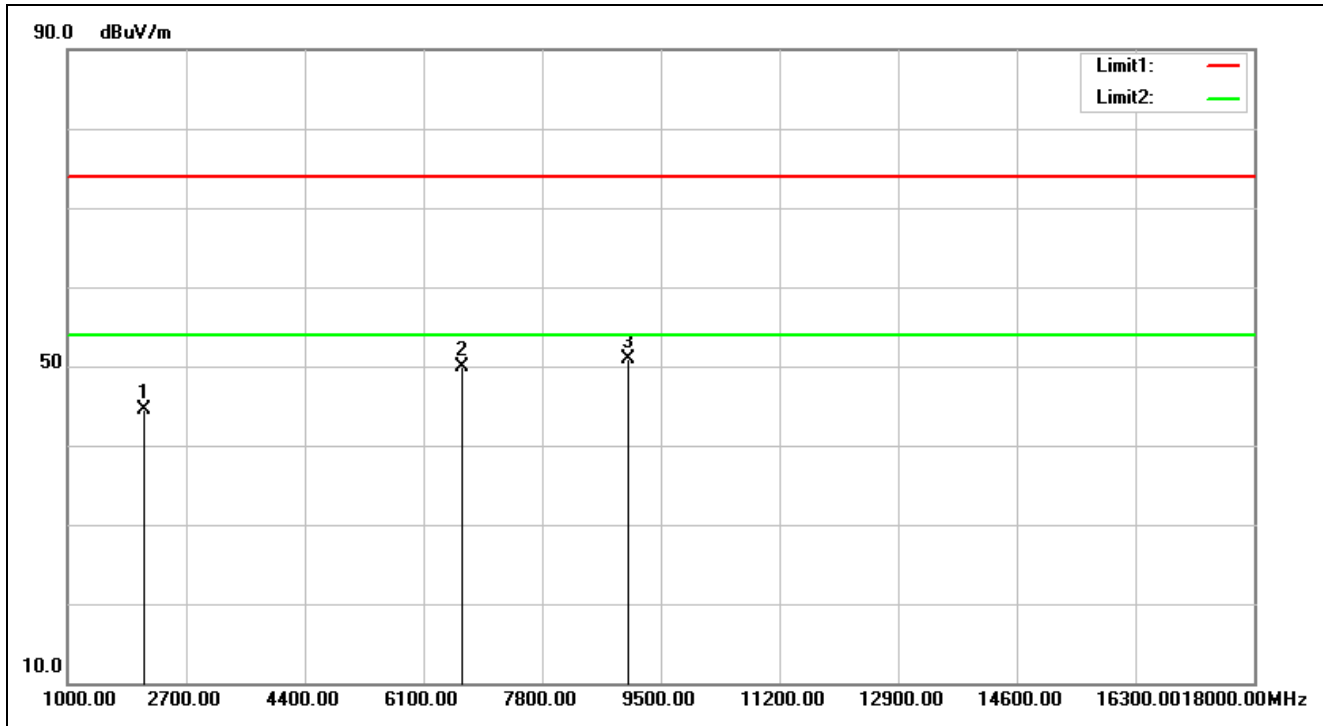
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:25:58 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.80-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2479.000 | -7.93 | 53.03 | 45.10 | 74.00 | -28.90 | peak | 100 | 241 | |
| 2 | 6270.000 | 3.80 | 45.17 | 48.97 | 74.00 | -25.03 | peak | 100 | 73 | |
| 3 | 9534.000 | 5.45 | 46.03 | 51.48 | 74.00 | -22.52 | peak | 100 | 347 | |



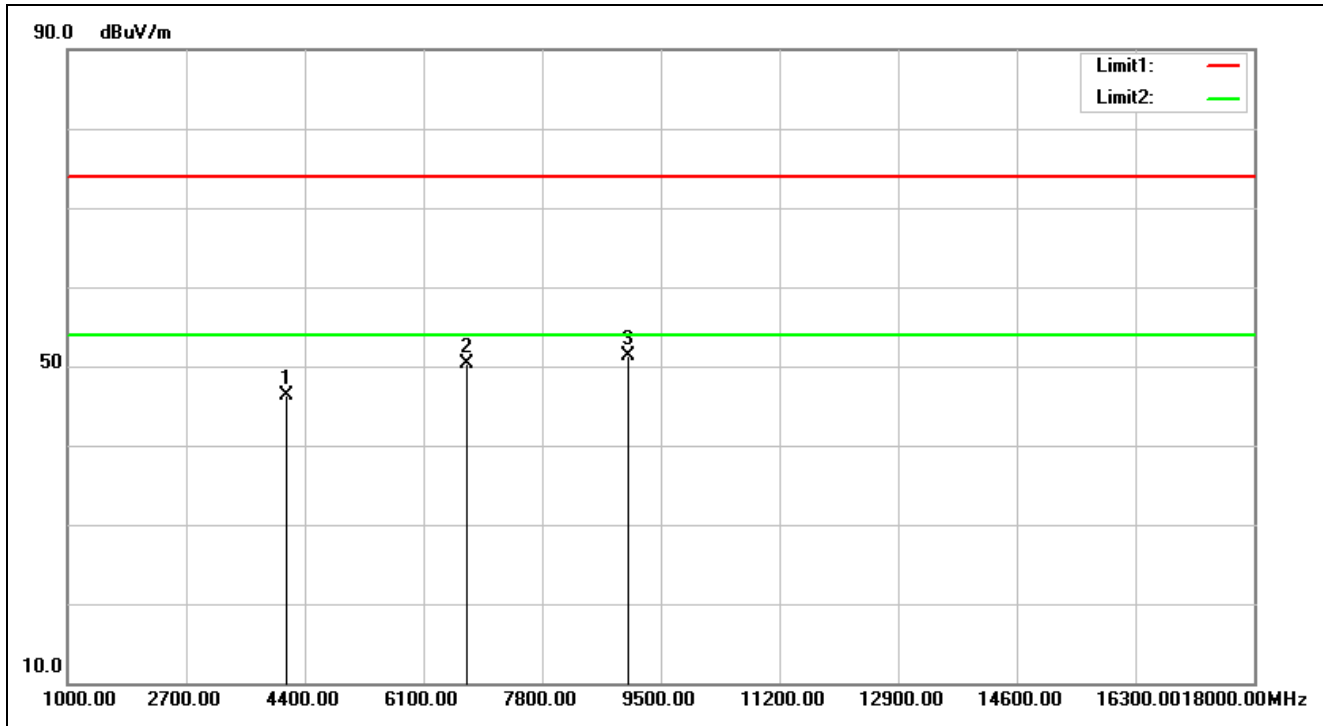
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:30:23 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.32-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 4621.000 | -3.74 | 50.85 | 47.11 | 74.00 | -26.89 | peak | 100 | 183 | |
| 2 | 7171.000 | 4.44 | 46.00 | 50.44 | 74.00 | -23.56 | peak | 100 | 315 | |
| 3 | 9092.000 | 5.80 | 45.13 | 50.93 | 74.00 | -23.07 | peak | 100 | 299 | |



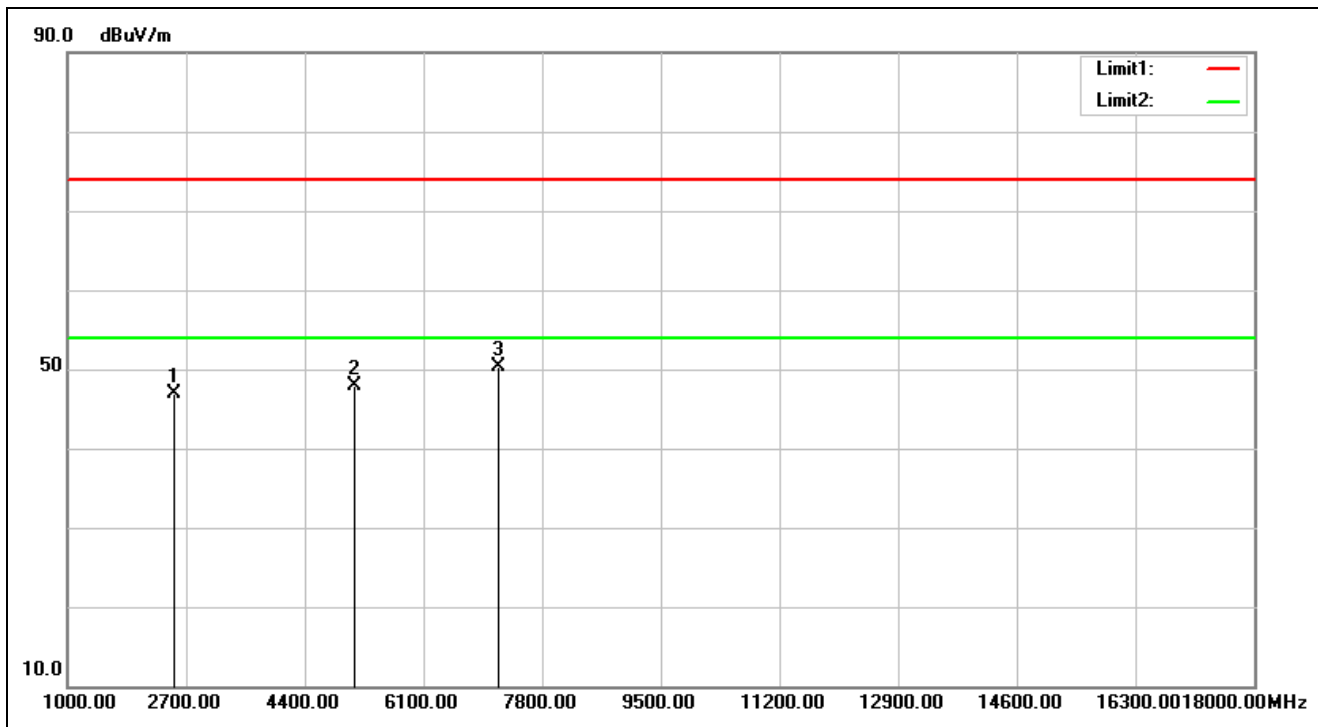
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:31:26 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.32-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2088.000 | -8.00 | 52.50 | 44.50 | 74.00 | -29.50 | peak | 100 | 302 | |
| 2 | 6644.000 | 4.42 | 45.51 | 49.93 | 74.00 | -24.07 | peak | 100 | 217 | |
| 3 | 9041.000 | 5.83 | 44.98 | 50.81 | 74.00 | -23.19 | peak | 100 | 233 | |



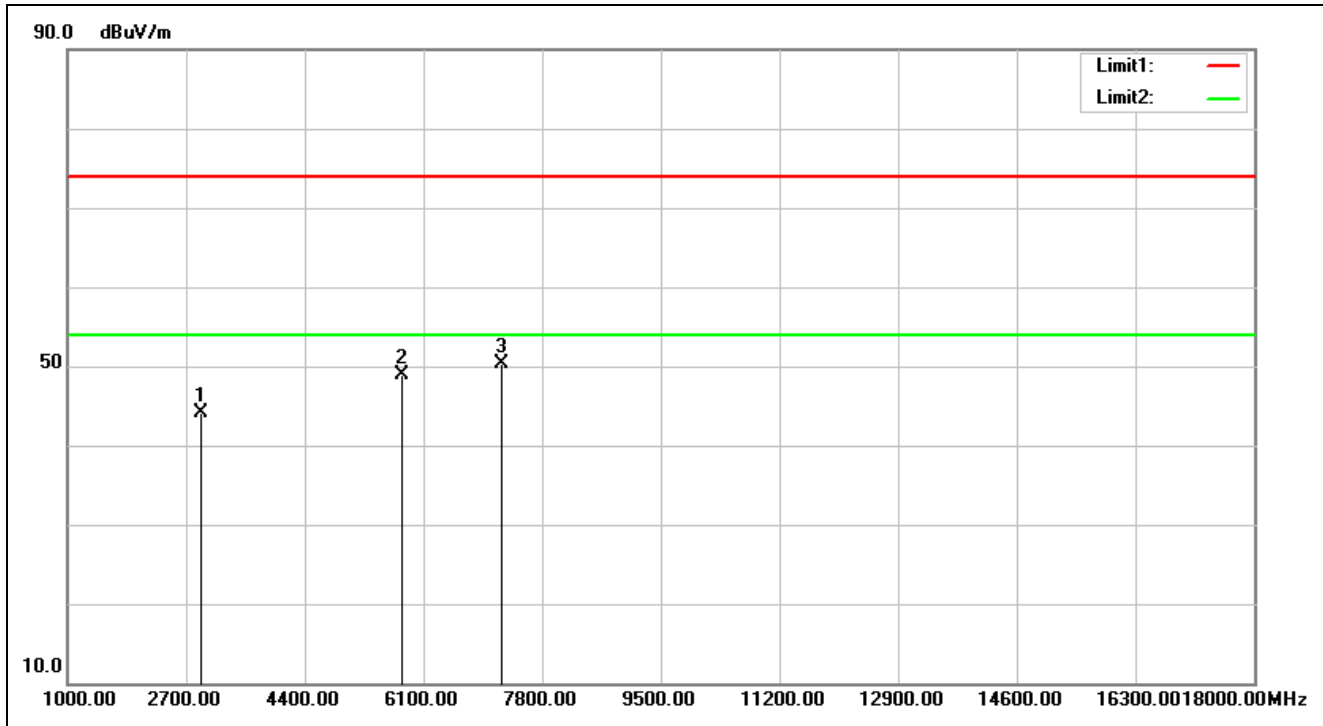
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:32:49 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4145.000 | -5.21 | 51.45 | 46.24 | 74.00 | -27.76 | peak | 100 | 61 | |
| 2 | 6729.000 | 4.30 | 46.08 | 50.38 | 74.00 | -23.62 | peak | 100 | 45 | |
| 3 | 9041.000 | 5.83 | 45.46 | 51.29 | 74.00 | -22.71 | peak | 100 | 77 | |



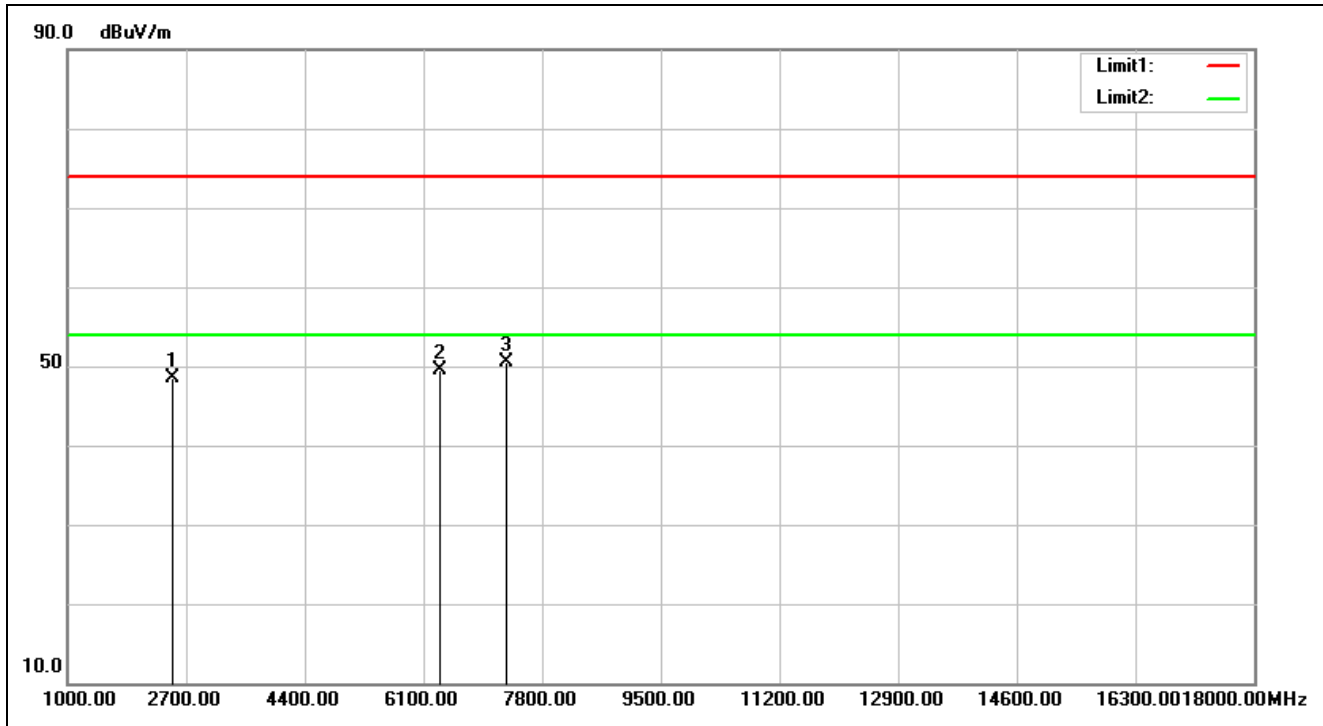
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:33:52 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 2530.000 | -7.87 | 54.86 | 46.99 | 74.00 | -27.01 | peak | 100 | 100 | |
| 2 | 5114.000 | -2.64 | 50.48 | 47.84 | 74.00 | -26.16 | peak | 100 | 120 | |
| 3 | 7171.000 | 4.44 | 45.93 | 50.37 | 74.00 | -23.63 | peak | 100 | 186 | |



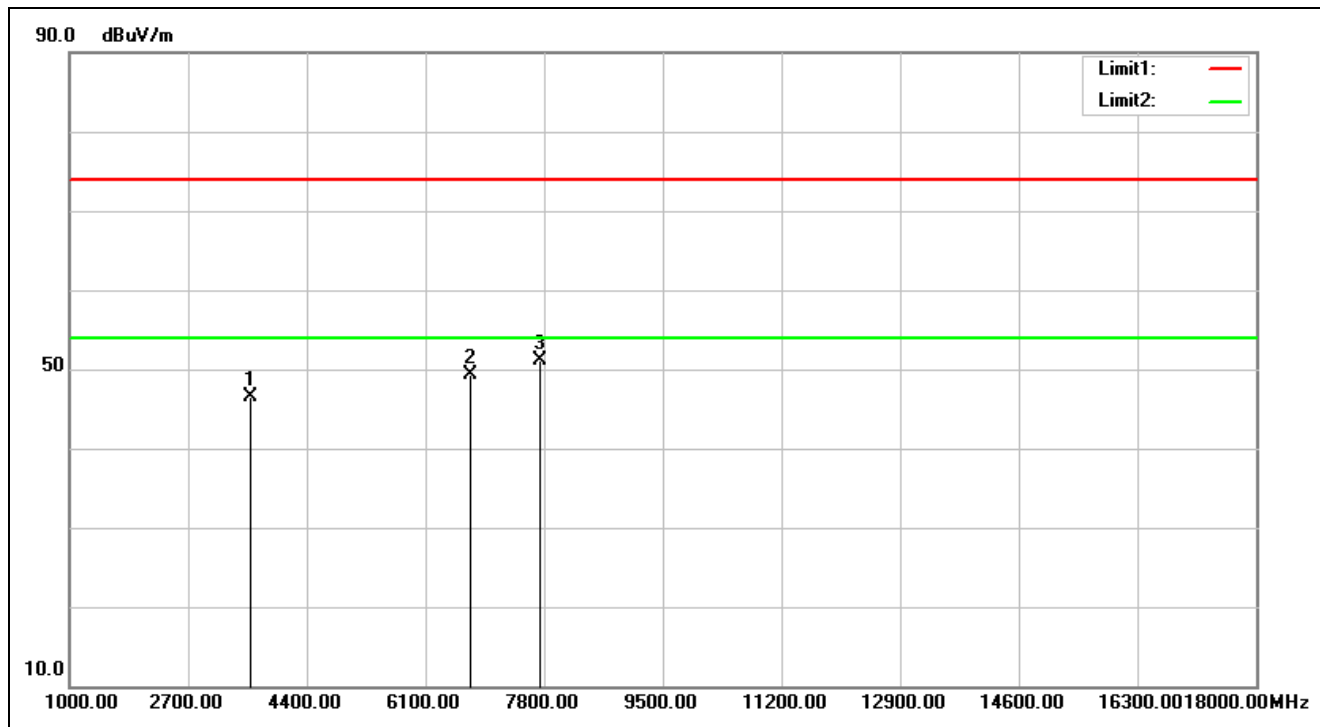
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:35:42 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.96-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2921.000 | -7.10 | 51.15 | 44.05 | 74.00 | -29.95 | peak | 100 | 265 | |
| 2 | 5794.000 | 1.44 | 47.53 | 48.97 | 74.00 | -25.03 | peak | 100 | 97 | |
| 3 | 7222.000 | 4.60 | 45.68 | 50.28 | 74.00 | -23.72 | peak | 100 | 240 | |



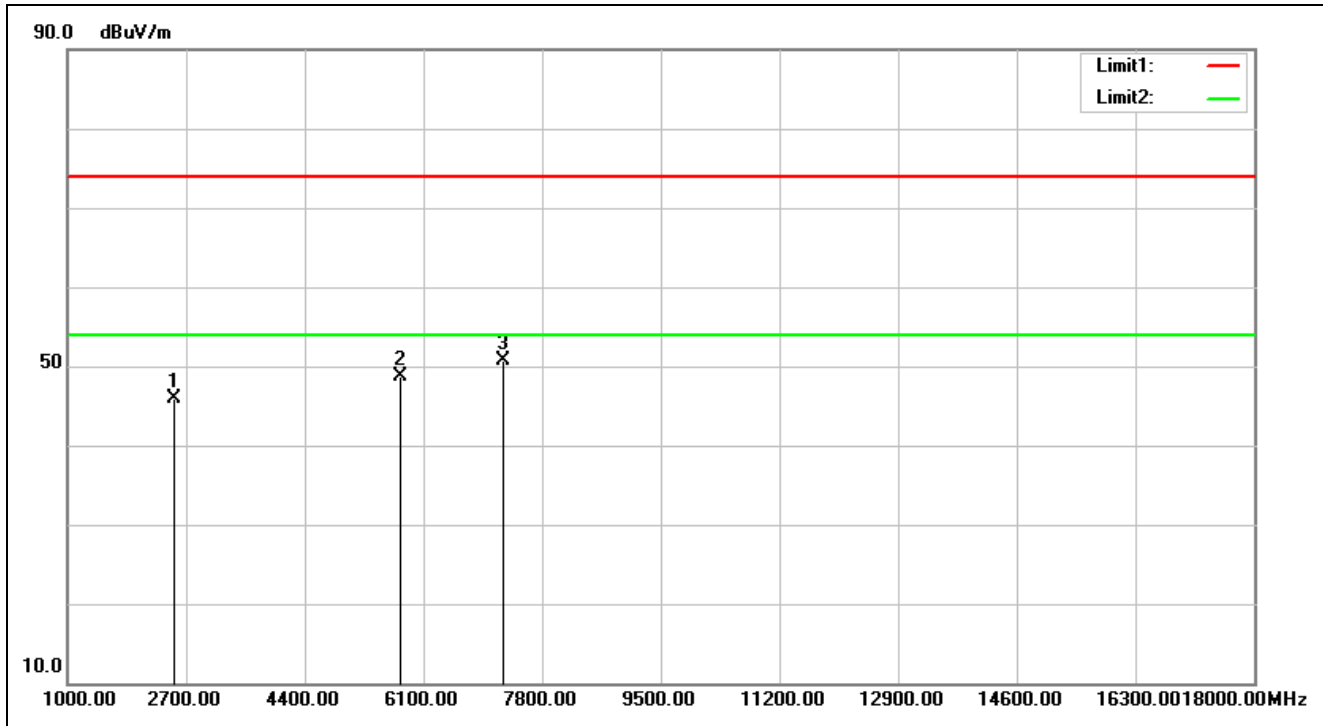
| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:36:45 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.96-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2513.000 | -7.90 | 56.49 | 48.59 | 74.00 | -25.41 | peak | 100 | 266 | |
| 2 | 6338.000 | 4.04 | 45.51 | 49.55 | 74.00 | -24.45 | peak | 100 | 111 | |
| 3 | 7290.000 | 4.79 | 45.80 | 50.59 | 74.00 | -23.41 | peak | 100 | 346 | |



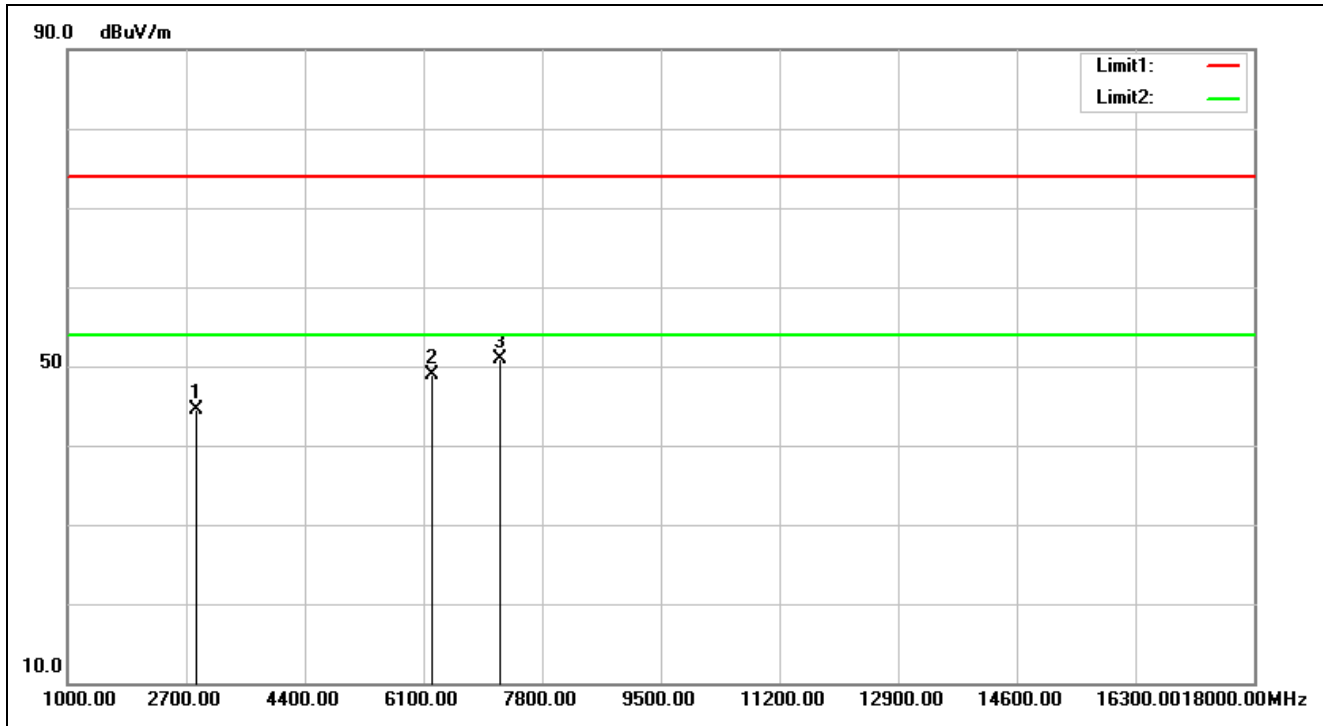
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:27:27 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 3601.000 | -6.41 | 52.95 | 46.54 | 74.00 | -27.46 | peak | 100 | 55 | |
| 2 | 6746.000 | 4.27 | 45.06 | 49.33 | 74.00 | -24.67 | peak | 100 | 221 | |
| 3 | 7732.000 | 5.39 | 45.80 | 51.19 | 74.00 | -22.81 | peak | 100 | 227 | |



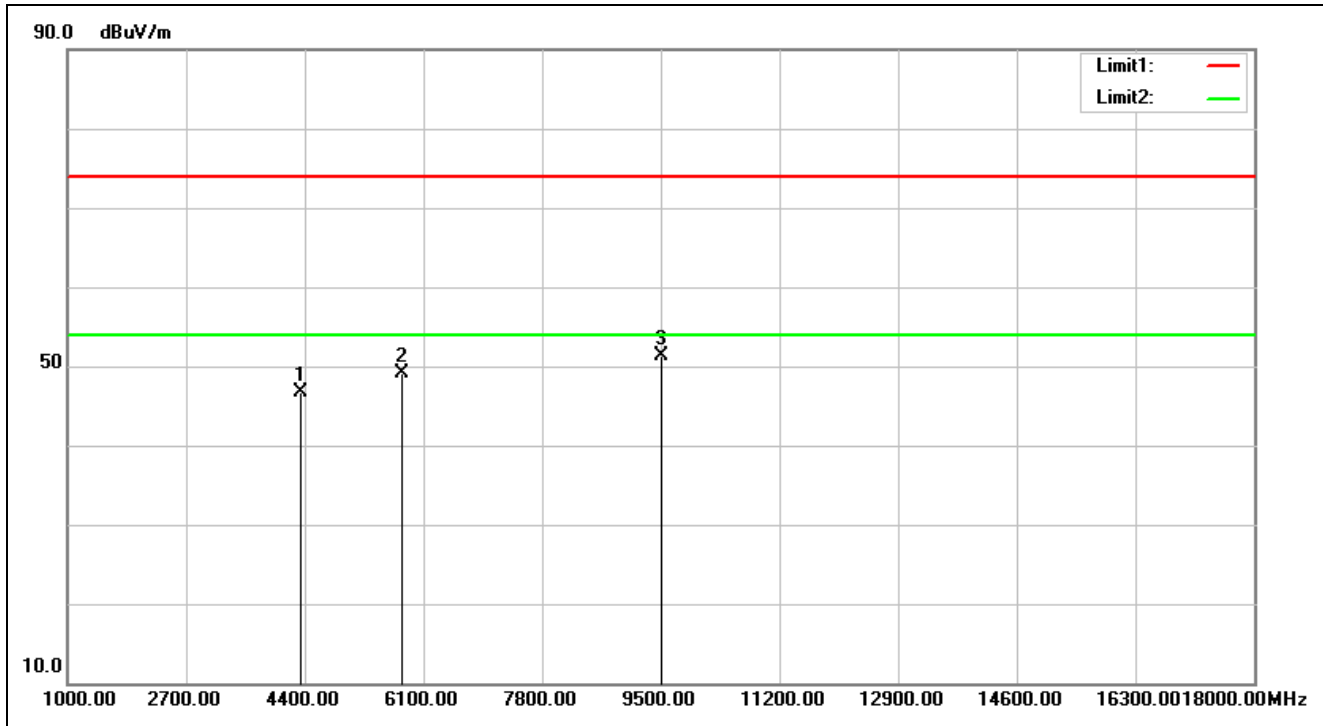
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:28:29 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2530.000 | -7.87 | 53.78 | 45.91 | 74.00 | -28.09 | peak | 100 | 64 | |
| 2 | 5760.000 | 1.20 | 47.42 | 48.62 | 74.00 | -25.38 | peak | 100 | 170 | |
| 3 | 7239.000 | 4.64 | 46.04 | 50.68 | 74.00 | -23.32 | peak | 100 | 200 | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:38:38 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 2853.000 | -7.24 | 51.81 | 44.57 | 74.00 | -29.43 | peak | 100 | 33 | |
| 2 | 6219.000 | 3.63 | 45.21 | 48.84 | 74.00 | -25.16 | peak | 100 | 77 | |
| 3 | 7205.000 | 4.54 | 46.33 | 50.87 | 74.00 | -23.13 | peak | 100 | 191 | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:39:40 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4349.000 | -4.45 | 51.20 | 46.75 | 74.00 | -27.25 | peak | 100 | 78 | |
| 2 | 5794.000 | 1.44 | 47.65 | 49.09 | 74.00 | -24.91 | peak | 100 | 360 | |
| 3 | 9517.000 | 5.48 | 45.82 | 51.30 | 74.00 | -22.70 | peak | 100 | 357 | |

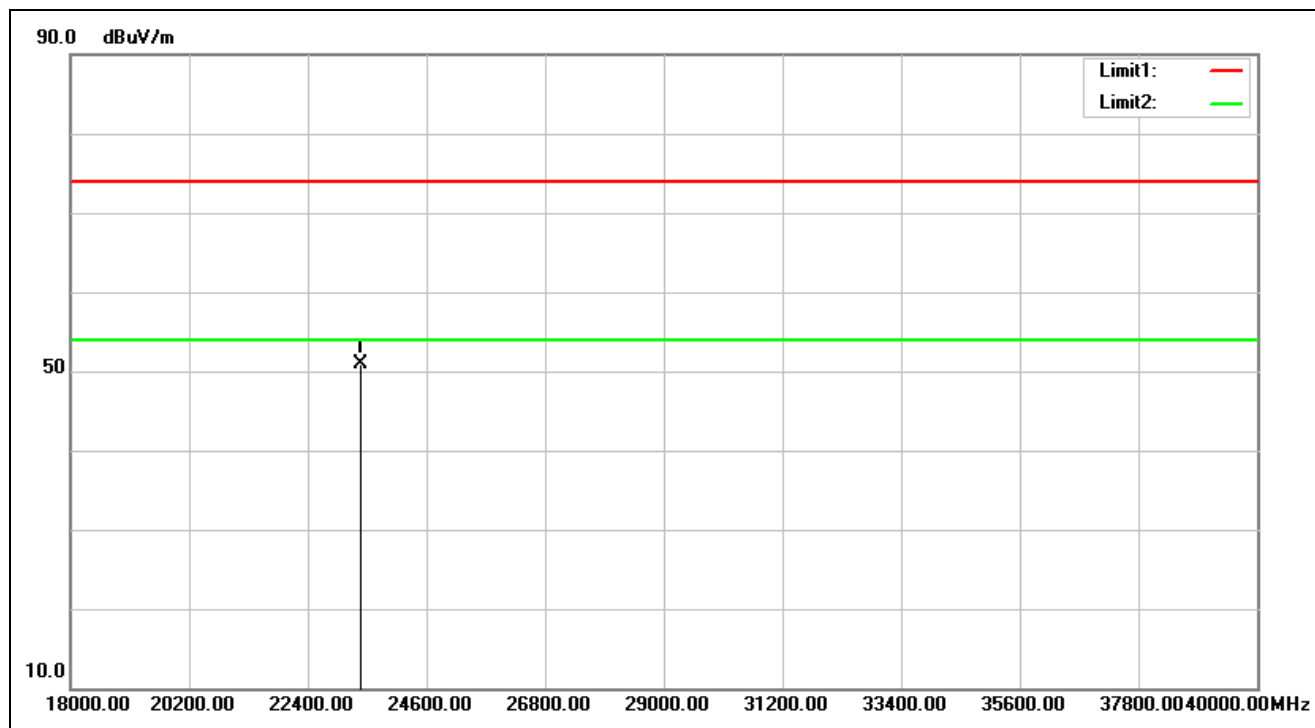
Spurious Emissions, TX Mode, 18-40G



TUV Taiwan

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

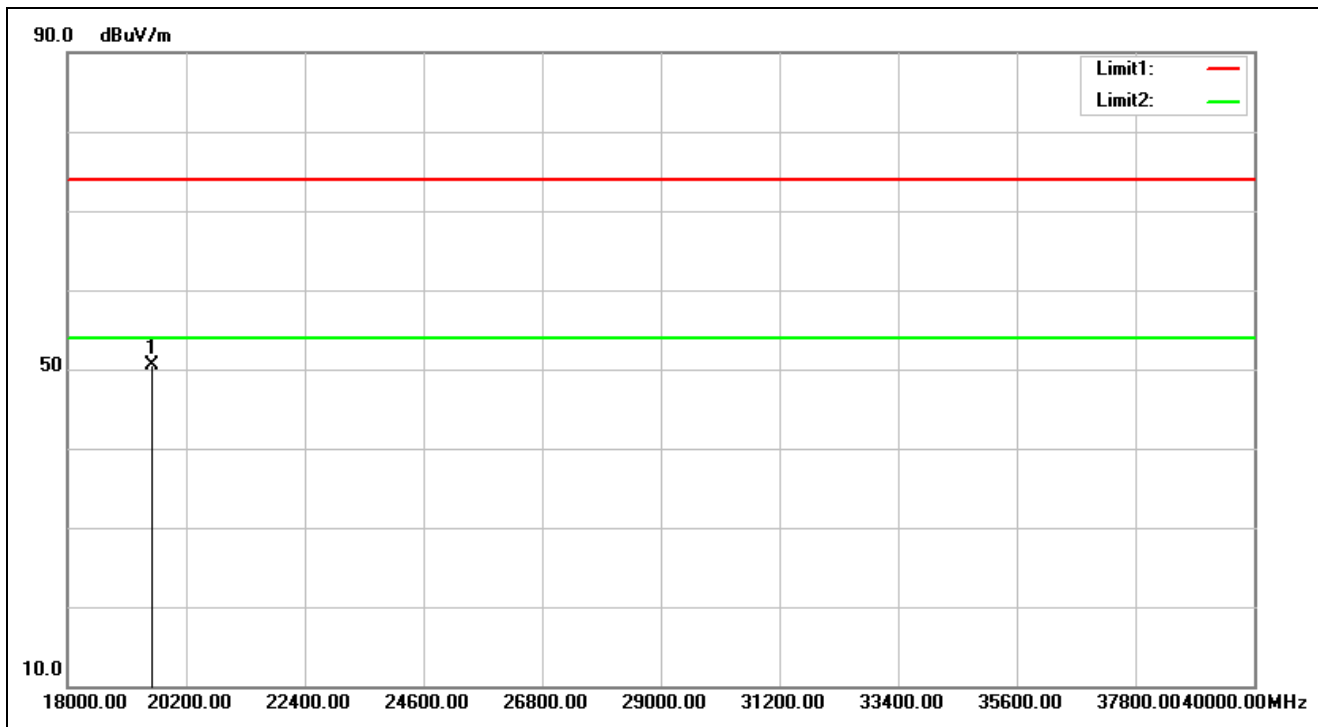
Tel:+886-2172-7000 fax:+886-2528-0018



| | | | |
|----------------|---------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:00:10 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.16-TX | | |
| Remark: | | | |

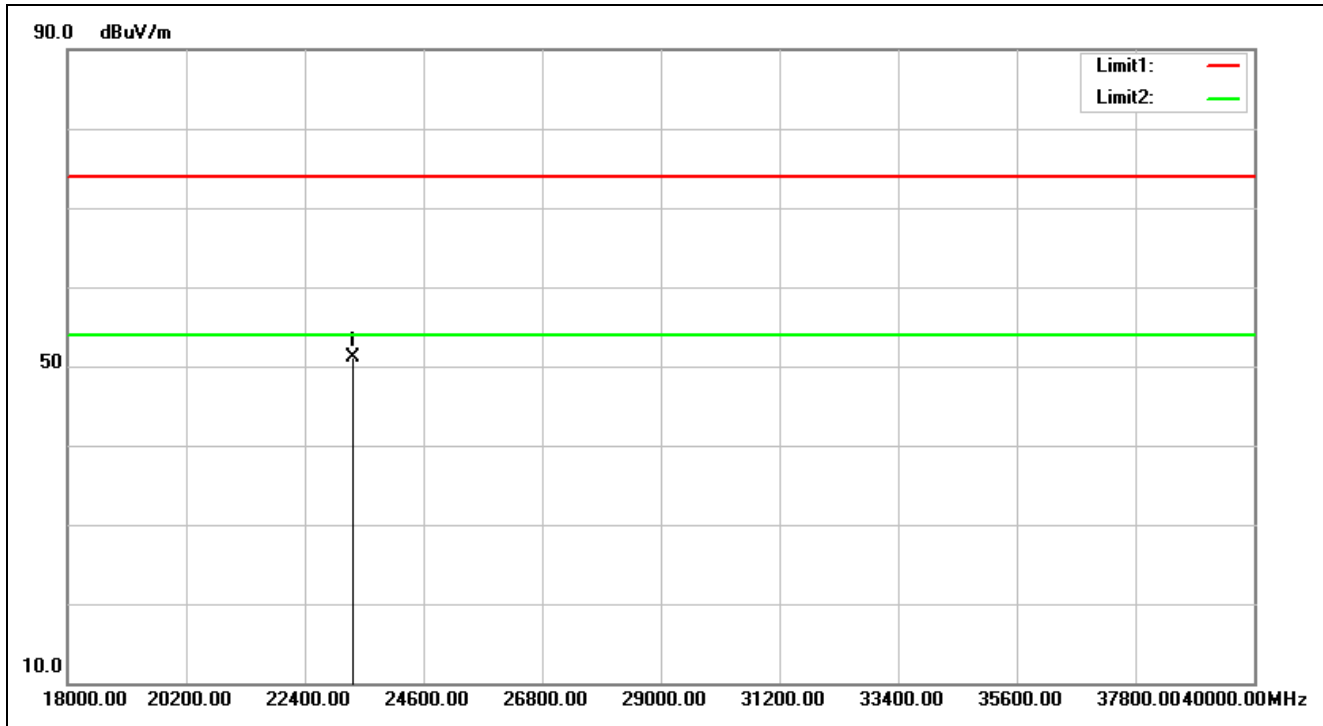
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23390.000 | 32.75 | 18.06 | 50.81 | 74.00 | -23.19 | peak | | 0 | |

Spurious Emissions, TX Mode, 30M-1G



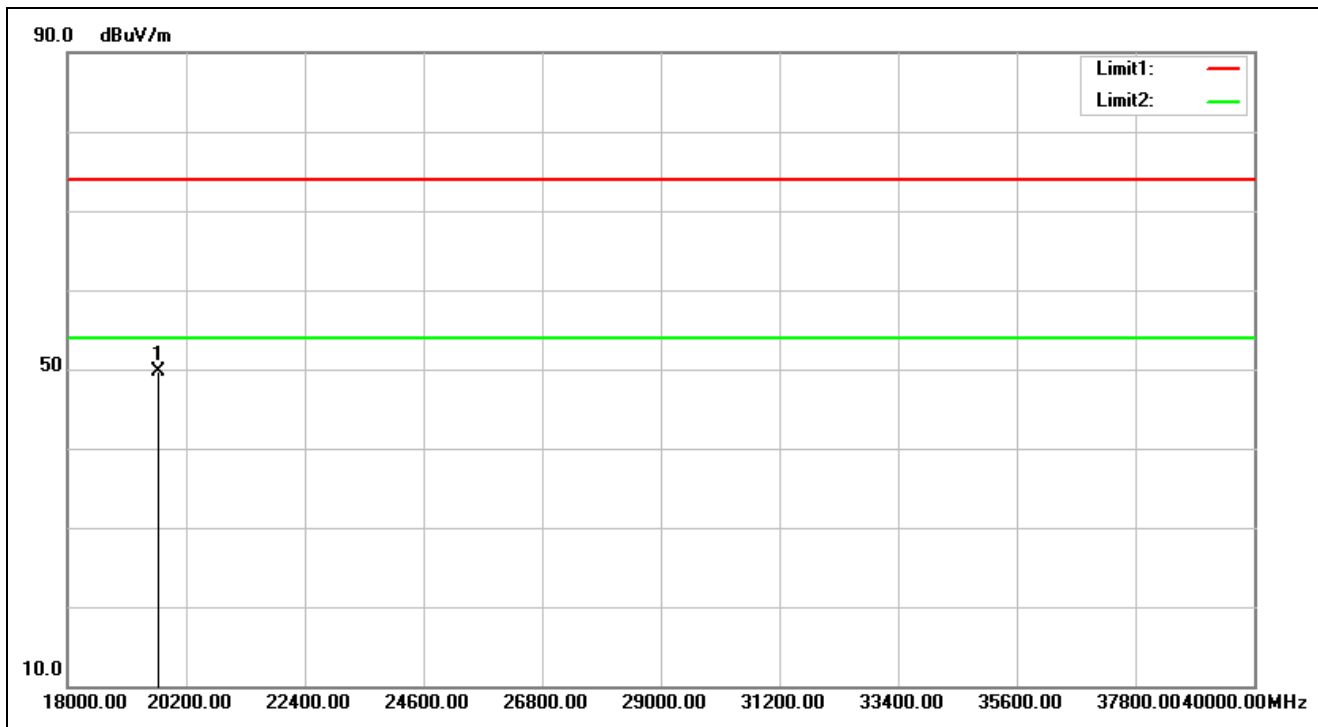
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:00:21 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.16-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 19562.000 | 31.26 | 19.29 | 50.55 | 74.00 | -23.45 | peak | | | |



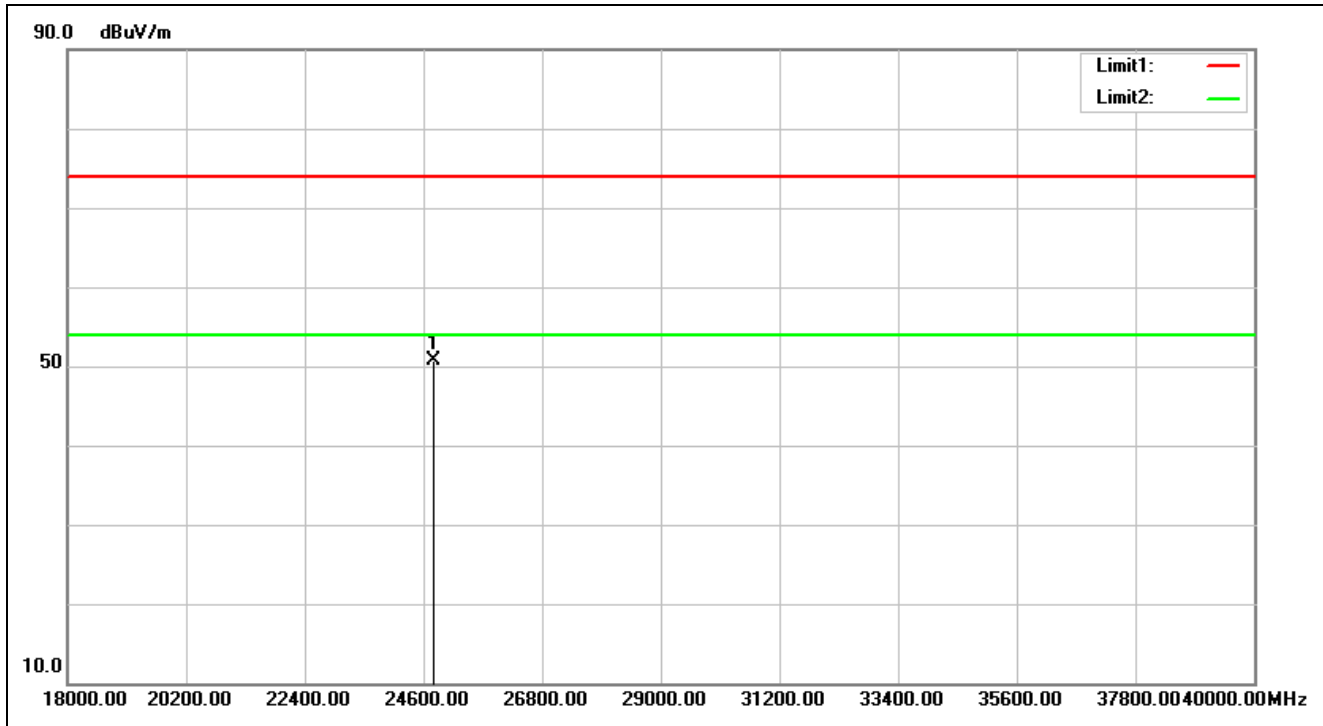
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:00:37 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23302.000 | 32.70 | 18.49 | 51.19 | 74.00 | -22.81 | peak | | | |



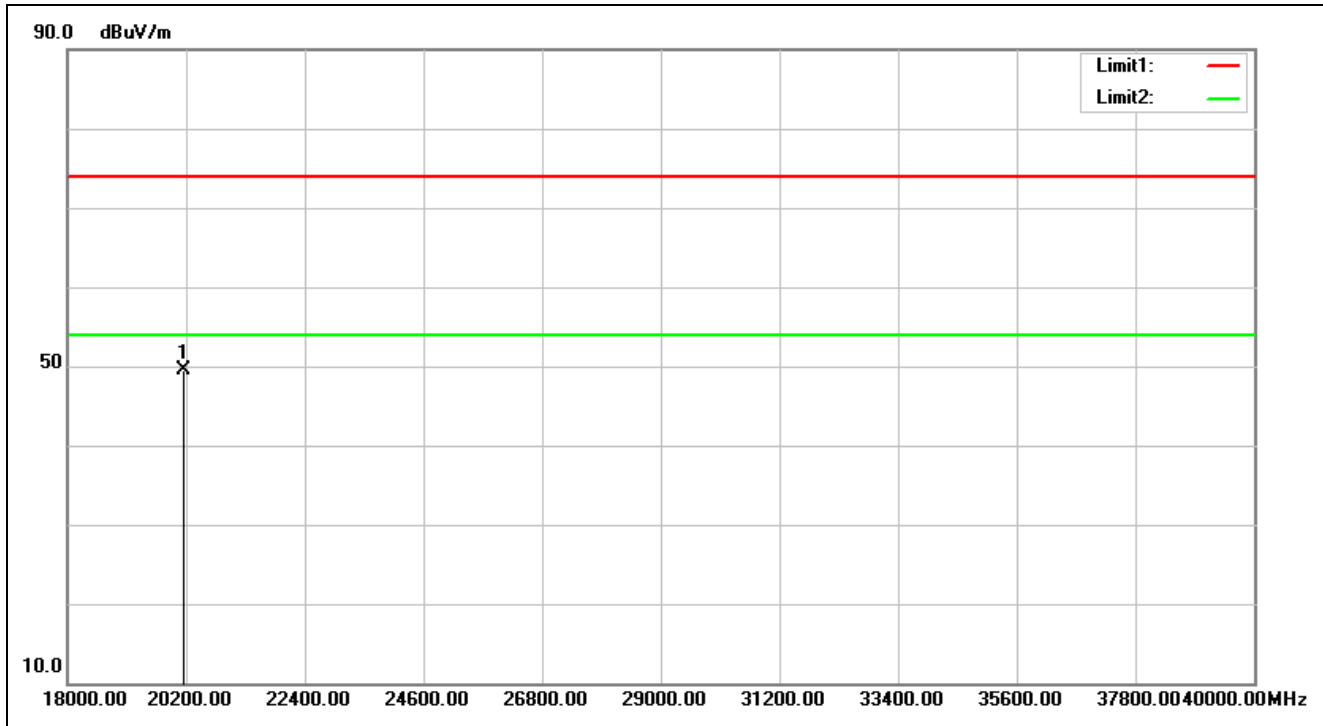
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|----------------|---------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:00:49 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 19672.000 | 31.31 | 18.37 | 49.68 | 74.00 | -24.32 | peak | | | |



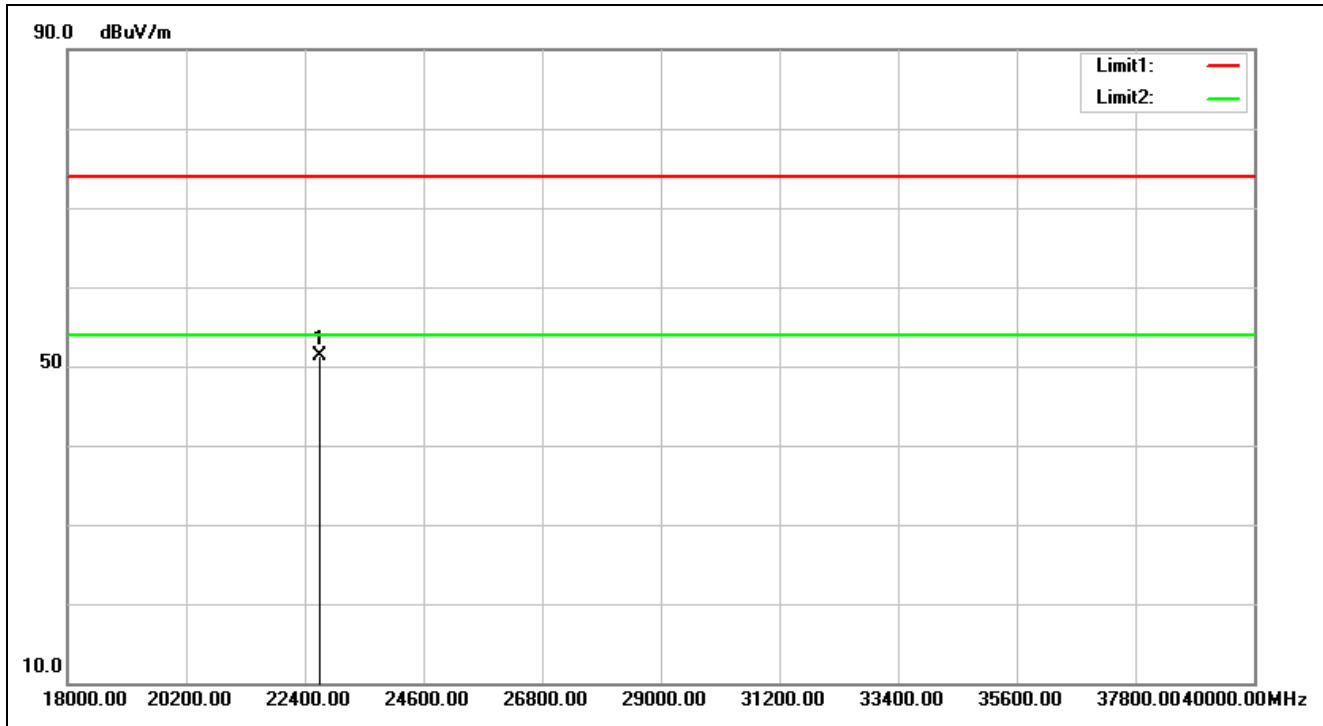
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:01:03 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.80-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 24776.000 | 33.51 | 17.20 | 50.71 | 74.00 | -23.29 | peak | | | |



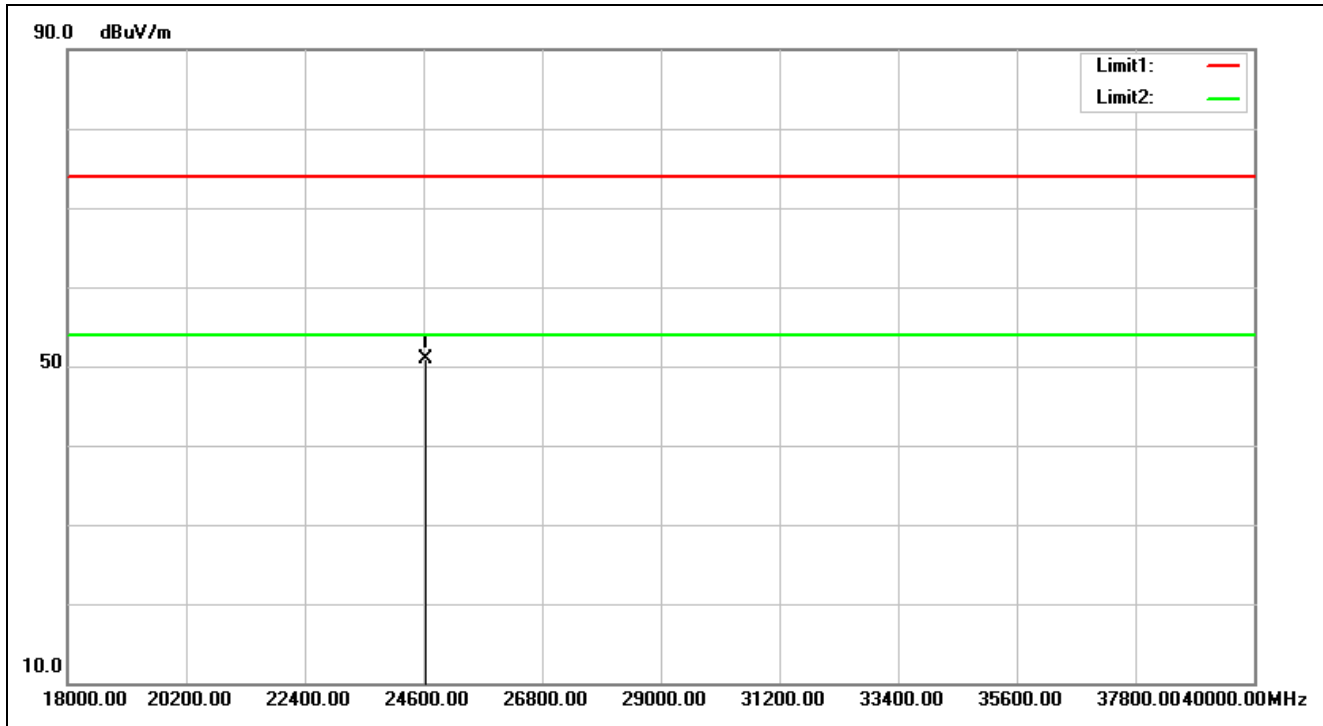
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:01:15 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.80-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 20156.000 | 31.55 | 17.95 | 49.50 | 74.00 | -24.50 | peak | | | |



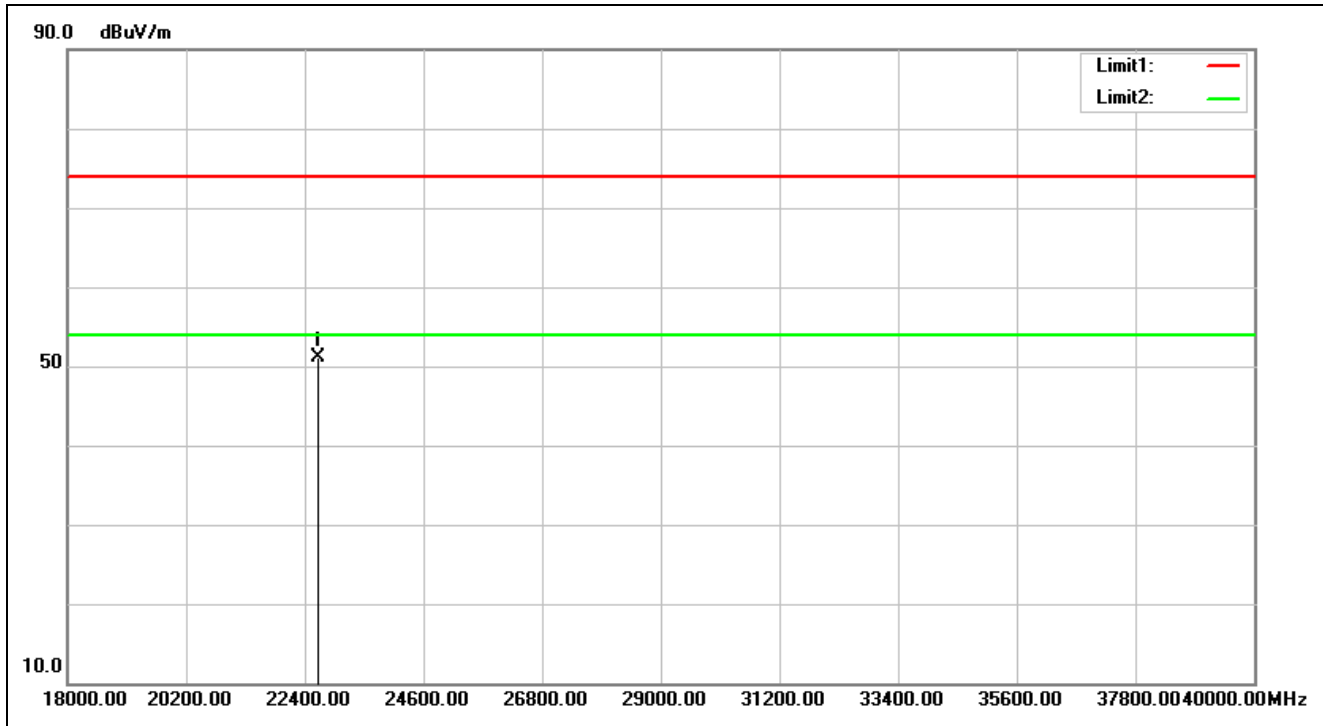
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:02:01 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.32-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 22664.000 | 32.75 | 18.58 | 51.33 | 74.00 | -22.67 | peak | | | |



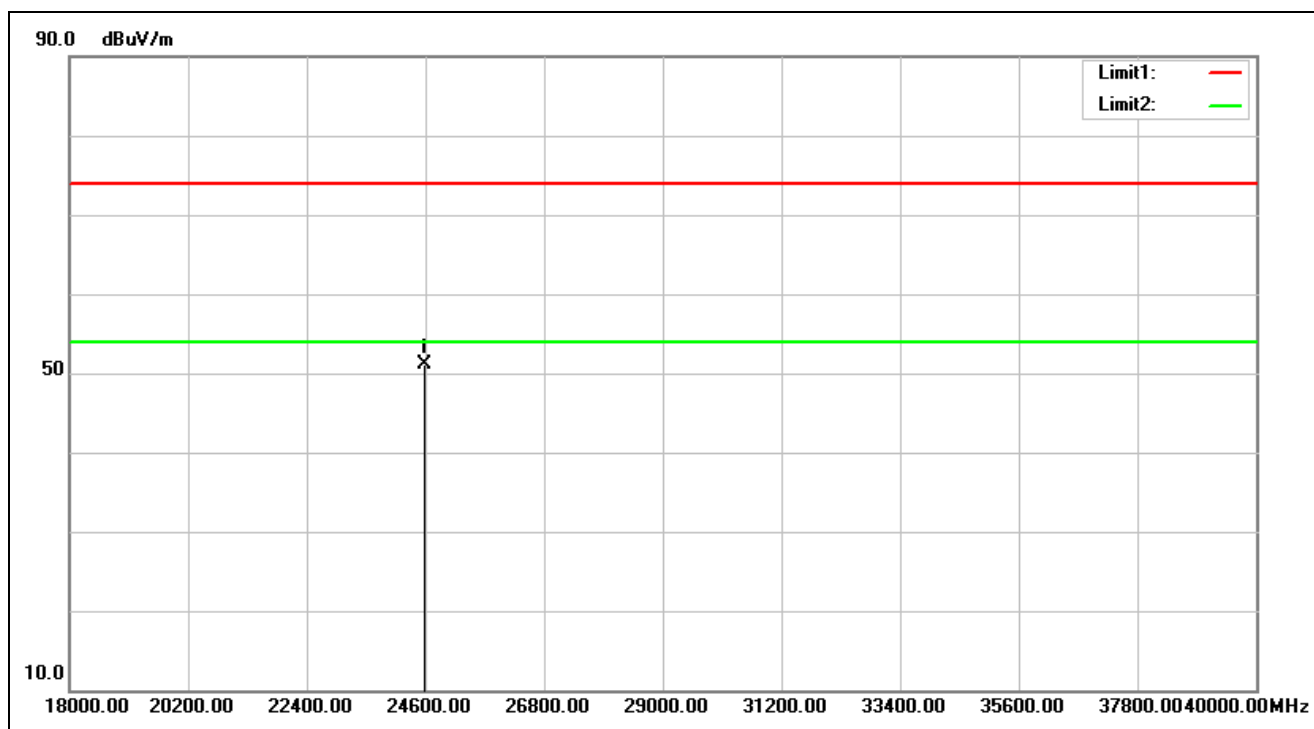
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:02:10 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.32-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 24644.000 | 33.21 | 17.72 | 50.93 | 74.00 | -23.07 | peak | | | |



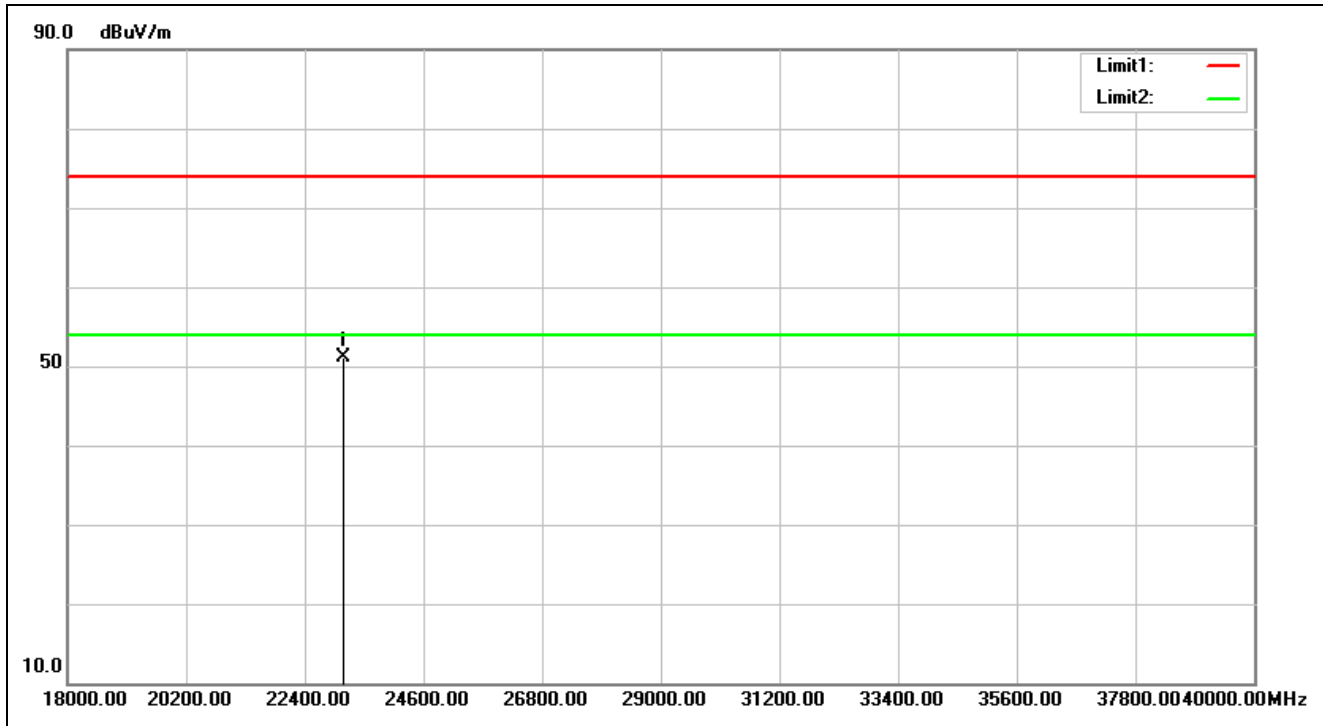
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:02:20 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 22642.000 | 32.77 | 18.28 | 51.05 | 74.00 | -22.95 | peak | | | |



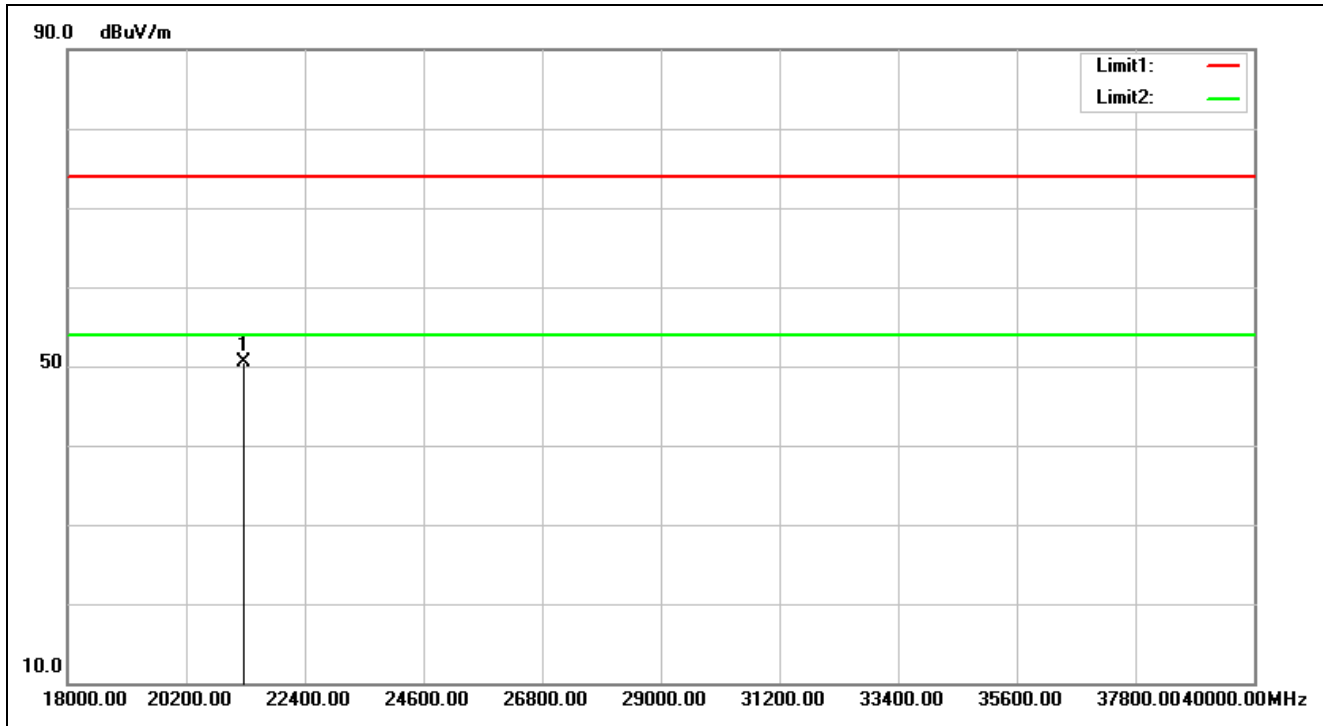
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:02:30 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 24578.000 | 33.06 | 17.97 | 51.03 | 74.00 | -22.97 | peak | | | |



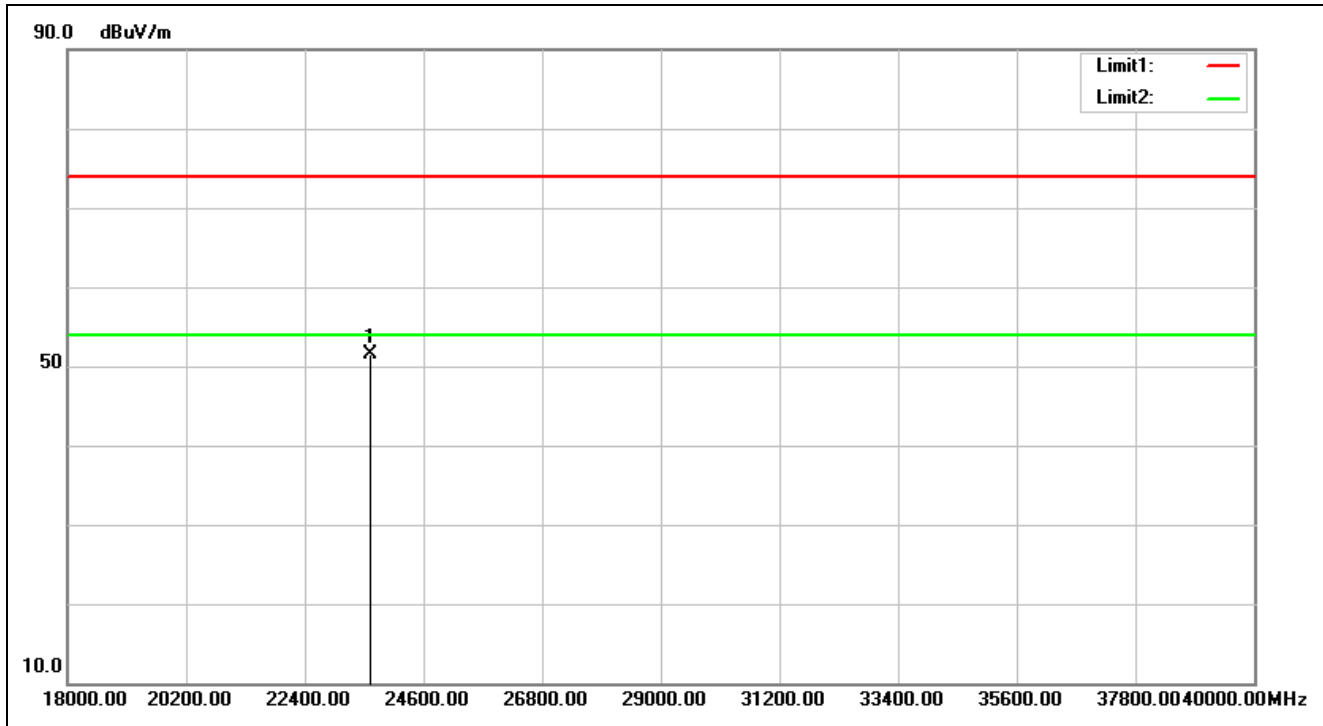
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:03:08 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.96-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 23126.000 | 32.60 | 18.59 | 51.19 | 74.00 | -22.81 | peak | | | |



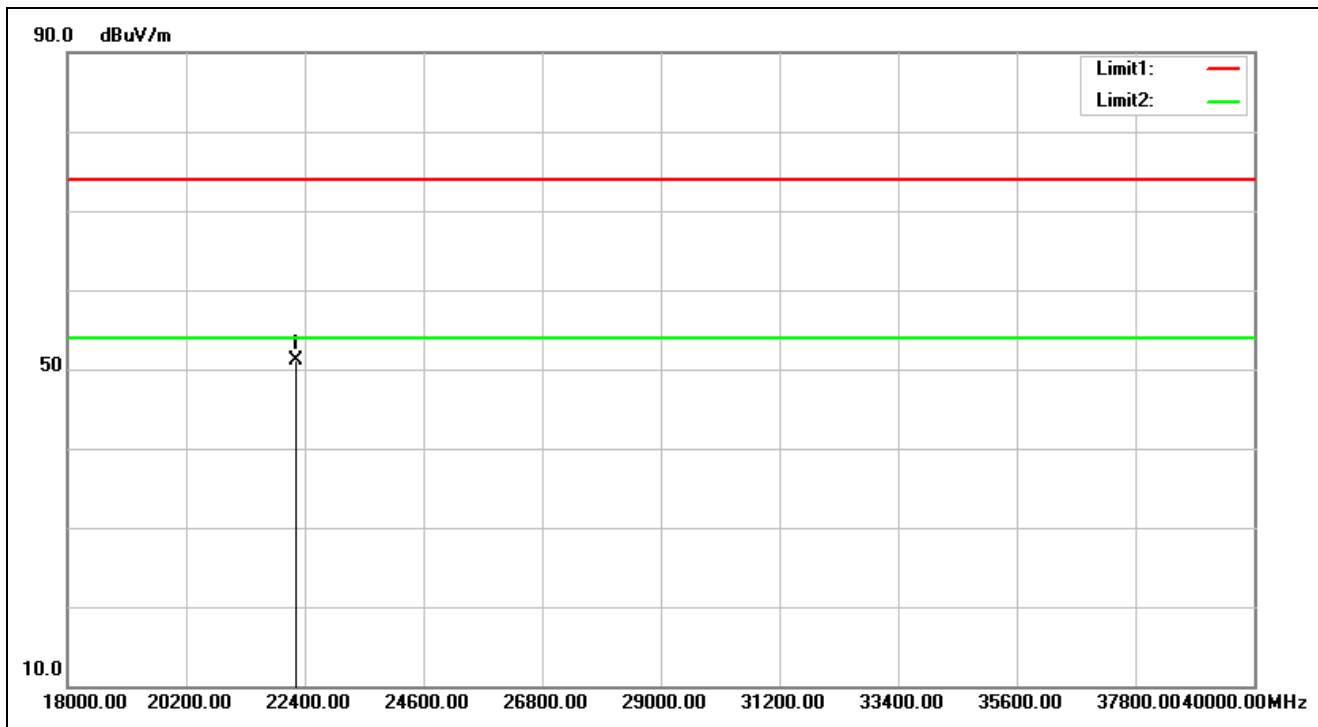
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:03:17 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.96-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 21256.000 | 32.30 | 18.11 | 50.41 | 74.00 | -23.59 | peak | | | |



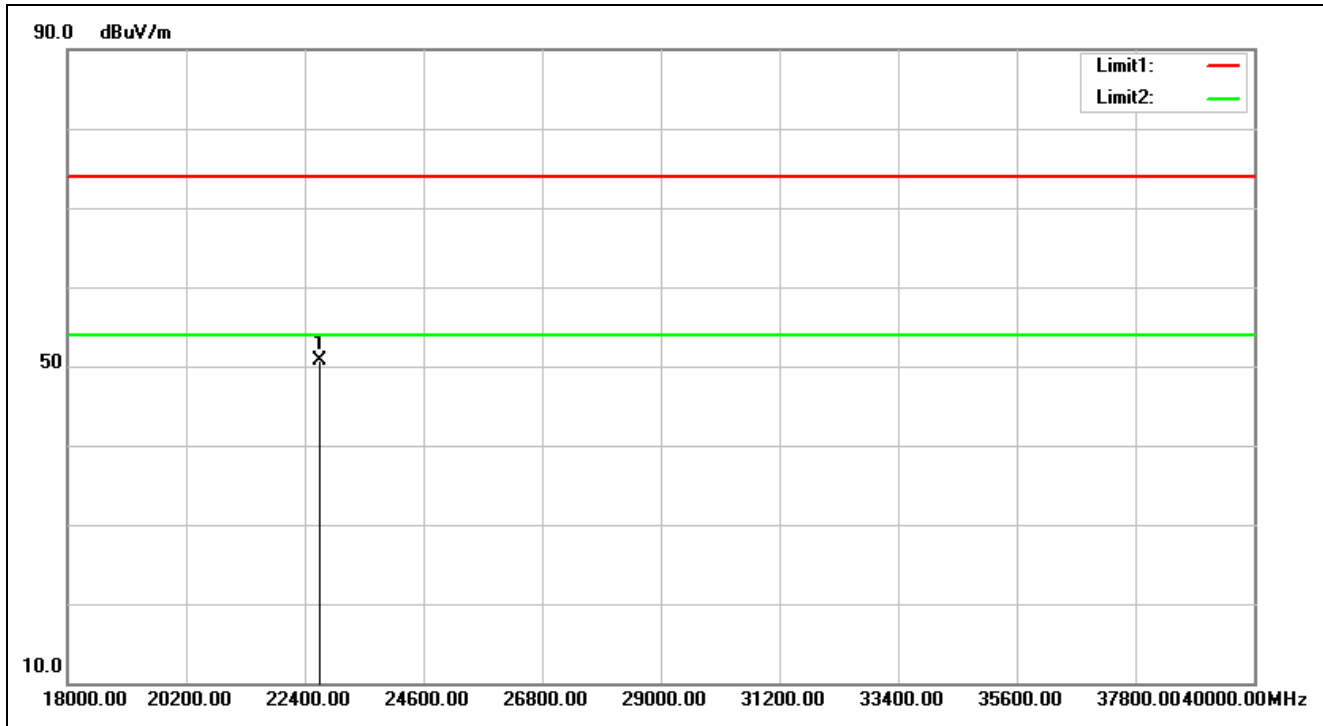
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:01:32 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23610.000 | 32.62 | 18.97 | 51.59 | 74.00 | -22.41 | peak | | | |



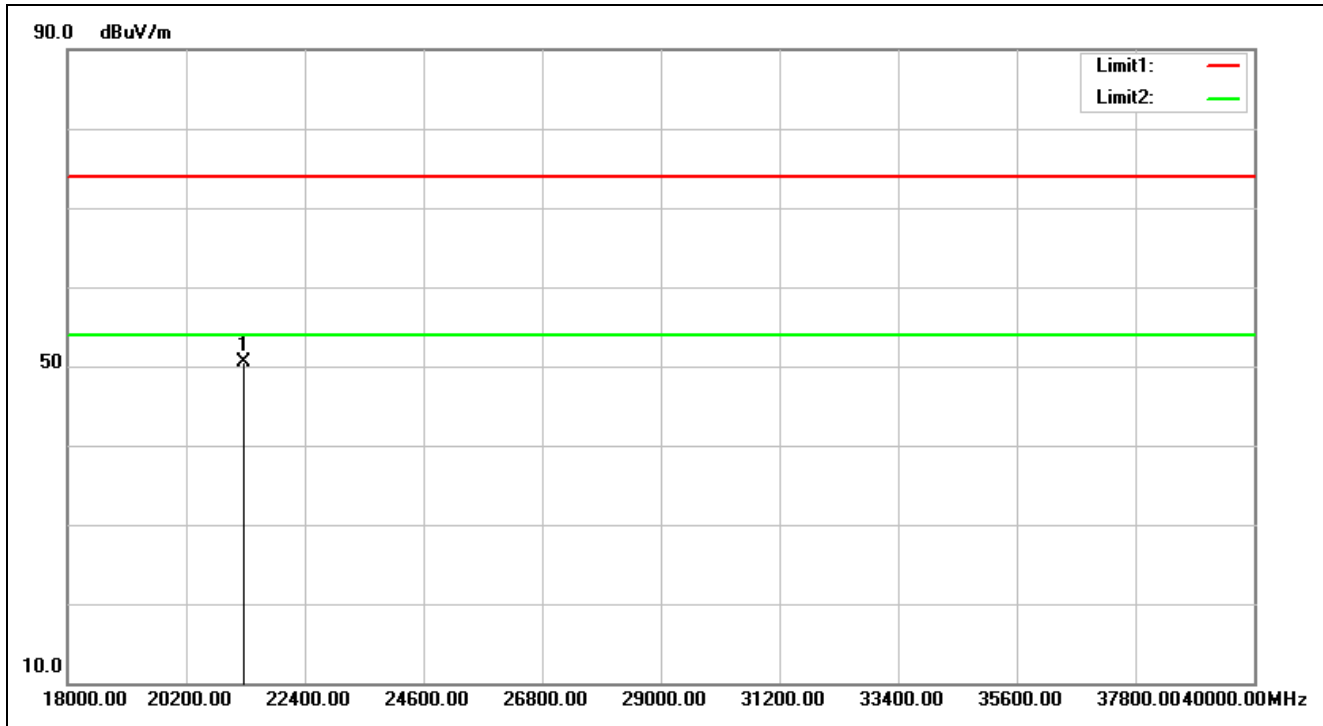
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:01:42 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 22246.000 | 32.99 | 18.05 | 51.04 | 74.00 | -22.96 | peak | | | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:03:38 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 22686.000 | 32.74 | 18.00 | 50.74 | 74.00 | -23.26 | peak | | | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 15:03:48 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 21256.000 | 32.30 | 18.12 | 50.42 | 74.00 | -23.58 | peak | | | |

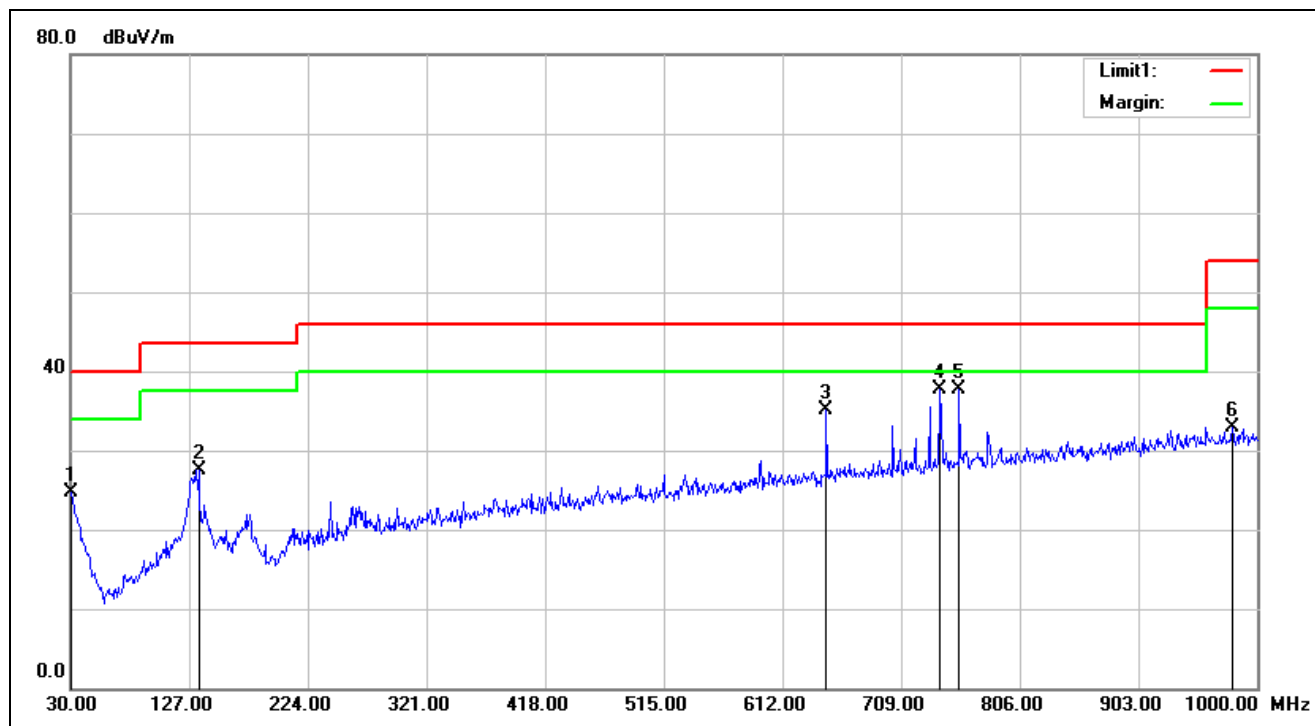
Spurious Emissions, TX Mode, 30M-1G



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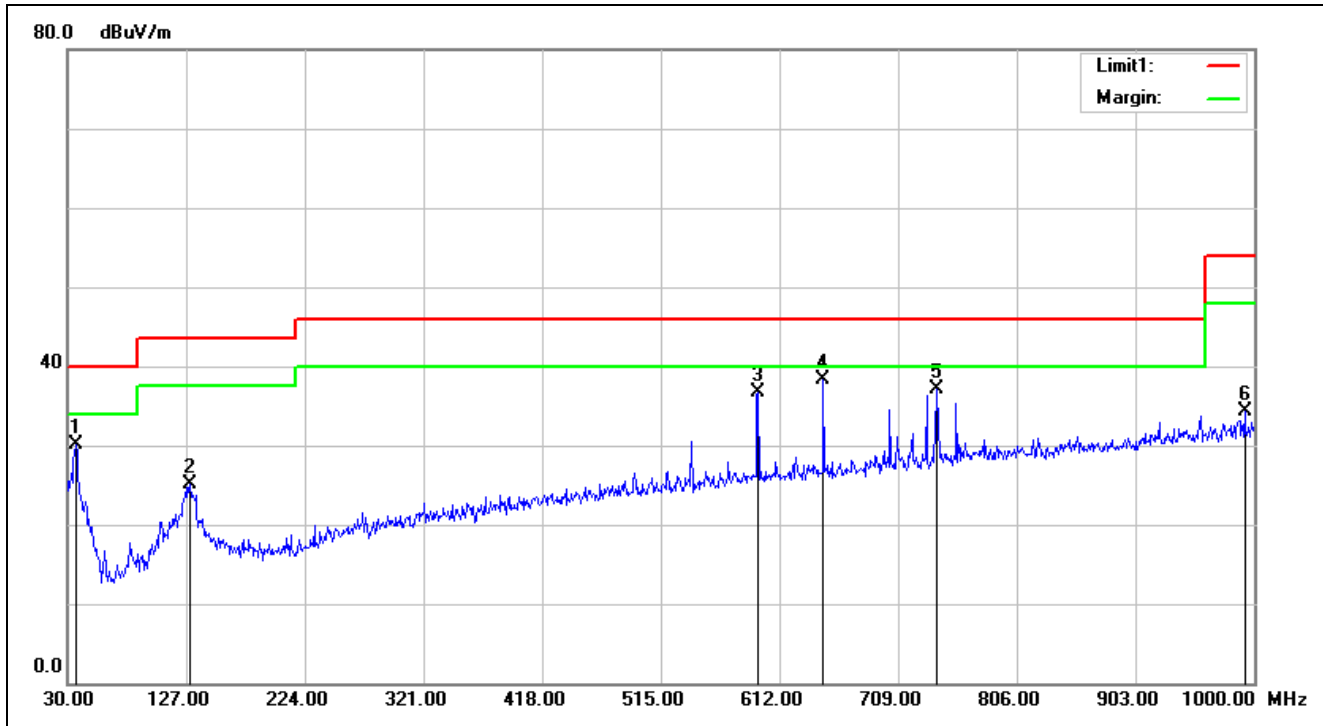
Tel:+886-2172-7000 fax:+886-2528-0018



| | | | |
|-----------------------|---------------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 13:52:48 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

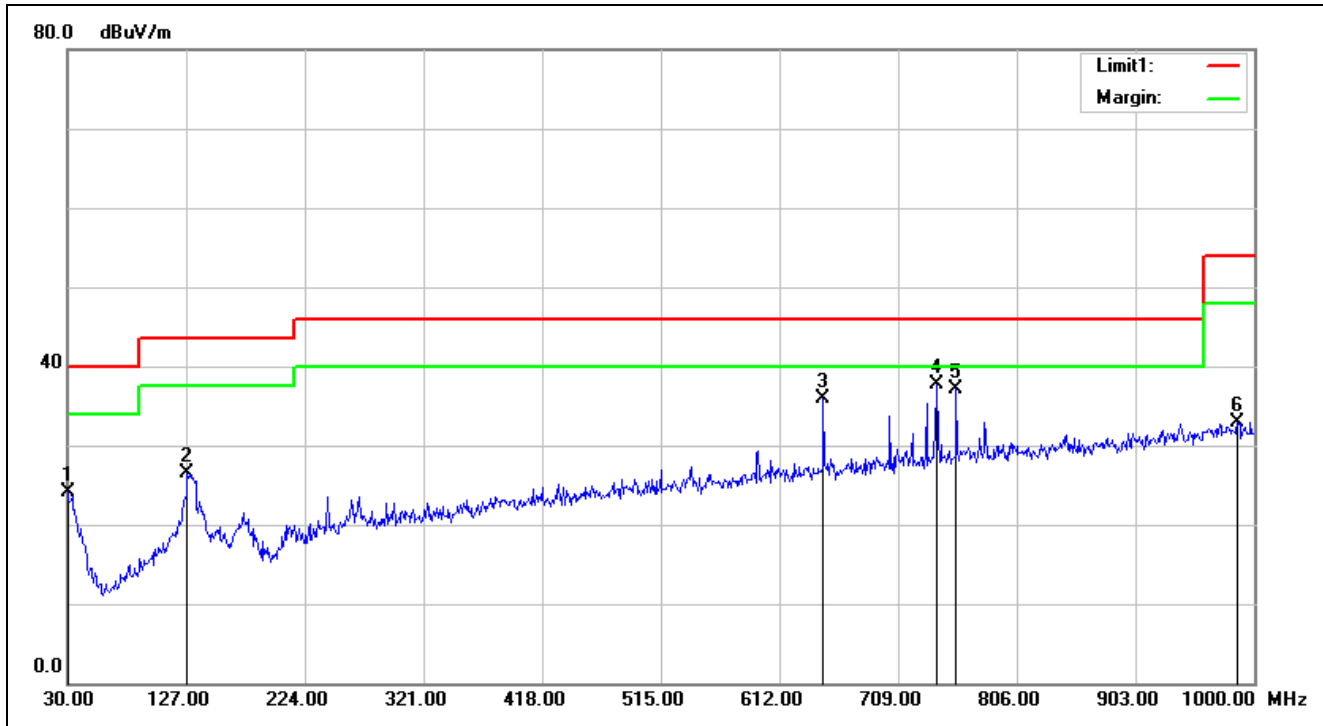
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.0000 | -0.07 | 24.68 | 24.61 | 40.00 | -15.39 | QP | 100 | 329 | |
| 2 | 134.7600 | -6.98 | 34.49 | 27.51 | 43.50 | -15.99 | QP | 100 | 172 | |
| 3 | 647.8900 | 0.51 | 34.56 | 35.07 | 46.00 | -10.93 | QP | 100 | 163 | |
| 4 | 741.0100 | 2.11 | 35.50 | 37.61 | 46.00 | -8.39 | QP | 100 | 94 | |
| 5 | 756.5300 | 2.41 | 35.28 | 37.69 | 46.00 | -8.31 | QP | 100 | 108 | |
| 6 | 979.6300 | 5.65 | 27.25 | 32.90 | 54.00 | -21.10 | QP | 100 | 213 | |

Spurious Emissions, TX Mode, 30M-1G



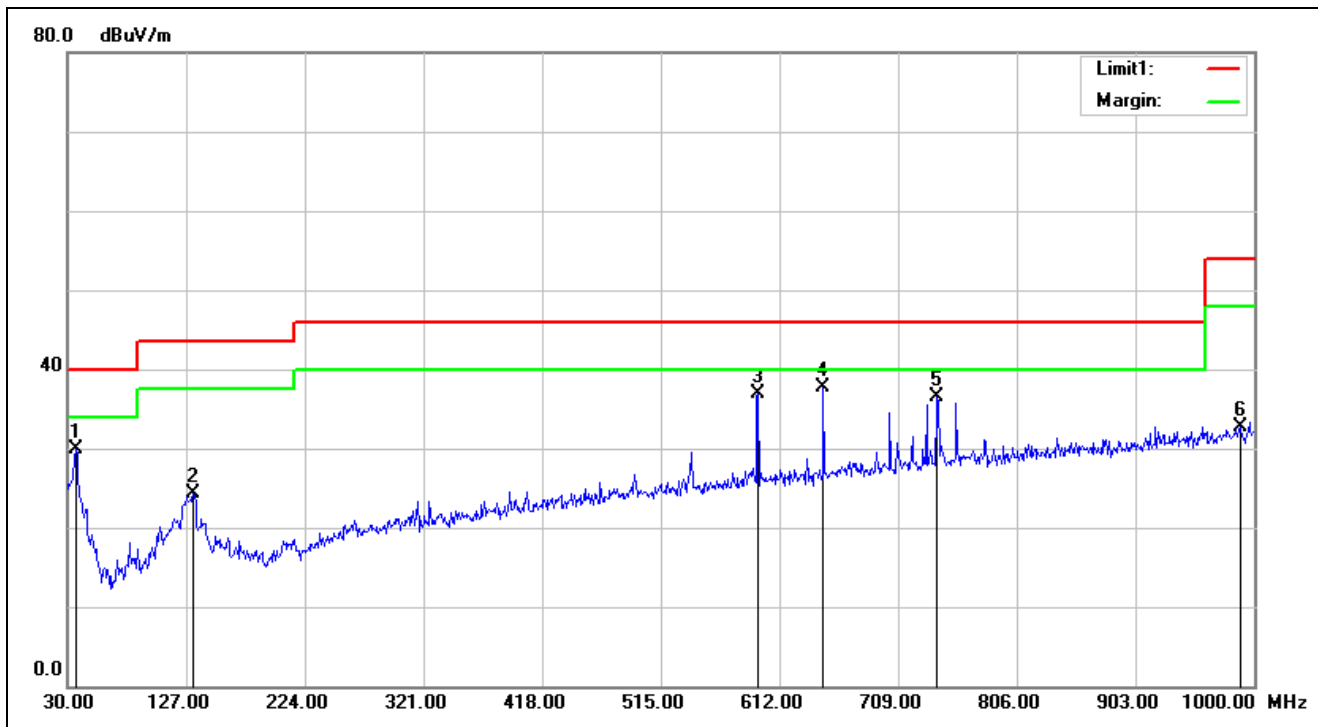
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|----------------|--------------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 13:53:51 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 36.7900 | -3.96 | 34.08 | 30.12 | 40.00 | -9.88 | QP | 100 | 0 | |
| 2 | 129.9100 | -6.96 | 32.08 | 25.12 | 43.50 | -18.38 | QP | 100 | 141 | |
| 3 | 594.5400 | -0.08 | 36.76 | 36.68 | 46.00 | -9.32 | QP | 100 | 213 | |
| 4 | 647.8900 | 0.51 | 37.75 | 38.26 | 46.00 | -7.74 | QP | 100 | 194 | |
| 5 | 741.0100 | 2.11 | 34.92 | 37.03 | 46.00 | -8.97 | QP | 100 | 180 | |
| 6 | 992.2400 | 5.77 | 28.50 | 34.27 | 54.00 | -19.73 | QP | 100 | 147 | |



| | | | |
|----------------|--------------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:02:21 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| 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 | -0.07 | 24.20 | 24.13 | 40.00 | -15.87 | QP | 100 | 174 | |
| 2 | 127.9700 | -7.04 | 33.49 | 26.45 | 43.50 | -17.05 | QP | 100 | 158 | |
| 3 | 647.8900 | 0.51 | 35.47 | 35.98 | 46.00 | -10.02 | QP | 100 | 166 | |
| 4 | 741.0100 | 2.11 | 35.67 | 37.78 | 46.00 | -8.22 | QP | 100 | 89 | |
| 5 | 756.5300 | 2.41 | 34.64 | 37.05 | 46.00 | -8.95 | QP | 100 | 92 | |
| 6 | 986.4200 | 5.72 | 27.23 | 32.95 | 54.00 | -21.05 | QP | 100 | 241 | |



| | | | |
|----------------|--------------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017-6-26 14:03:25 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.4(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 36.7900 | -3.96 | 33.91 | 29.95 | 40.00 | -10.05 | QP | 100 | 171 | |
| 2 | 132.8200 | -6.97 | 31.31 | 24.34 | 43.50 | -19.16 | QP | 100 | 108 | |
| 3 | 594.5400 | -0.08 | 36.98 | 36.90 | 46.00 | -9.10 | QP | 100 | 218 | |
| 4 | 647.8900 | 0.51 | 37.18 | 37.69 | 46.00 | -8.31 | QP | 100 | 282 | |
| 5 | 741.0100 | 2.11 | 34.47 | 36.58 | 46.00 | -9.42 | QP | 100 | 226 | |
| 6 | 988.3600 | 5.73 | 27.06 | 32.79 | 54.00 | -21.21 | QP | 100 | 127 | |

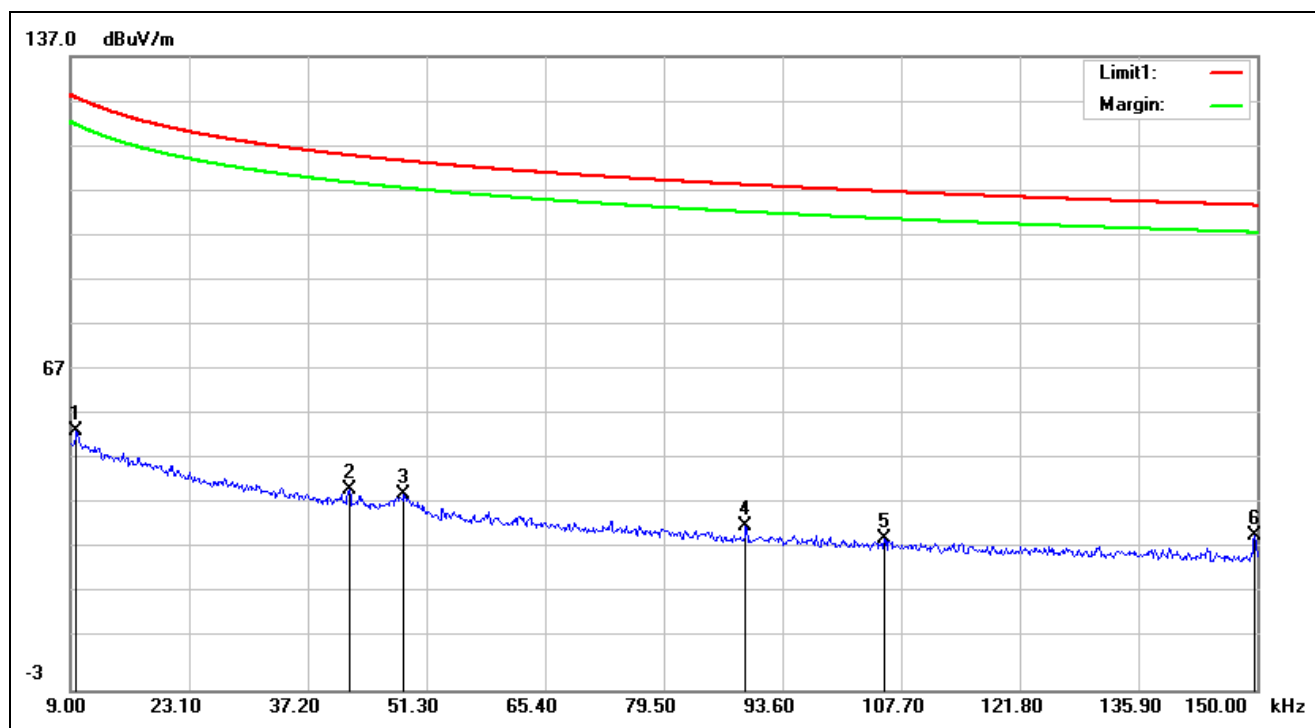
Spurious Emissions, RX Mode, 9k-150k



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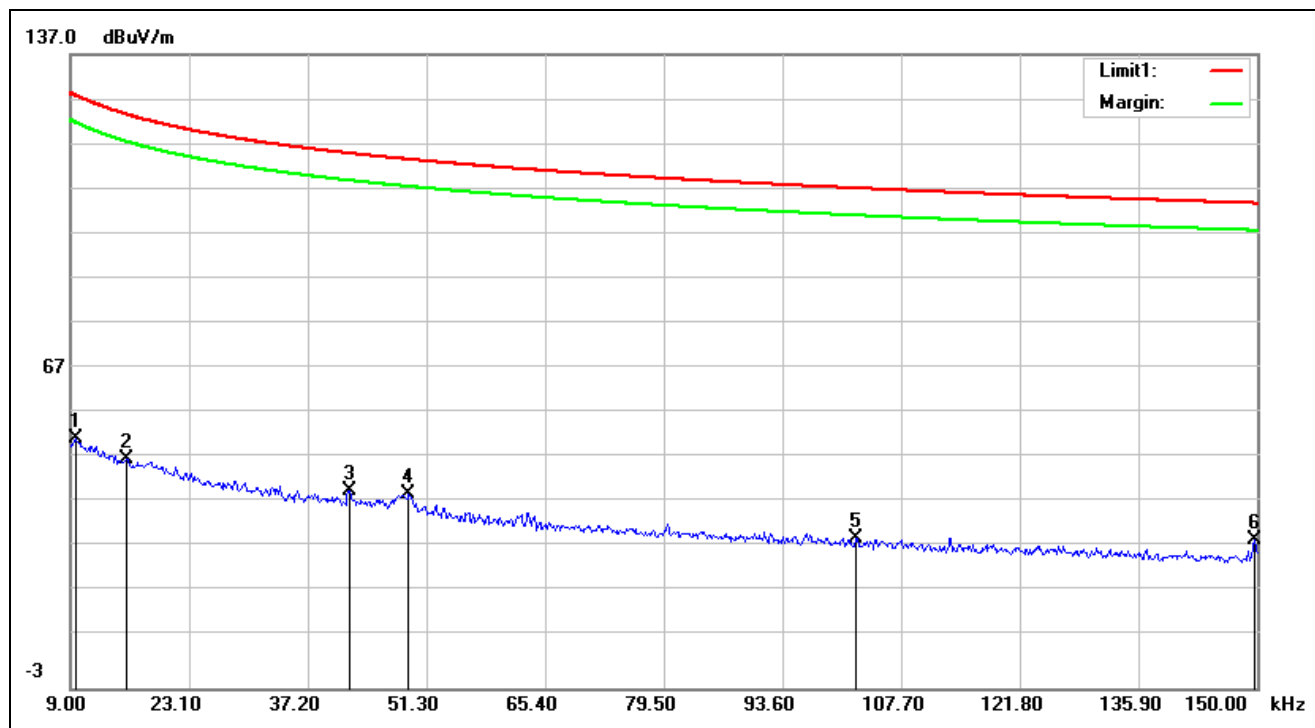
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| | | | |
|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 14:16:50 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0097 | 20.09 | 34.02 | 54.11 | 127.87 | -73.76 | QP | 100 | 355 | |
| 2 | 0.0421 | 19.62 | 21.80 | 41.42 | 115.12 | -73.70 | QP | 100 | 115 | |
| 3 | 0.0486 | 19.29 | 20.90 | 40.19 | 113.87 | -73.68 | QP | 100 | 49 | |
| 4 | 0.0892 | 18.93 | 14.20 | 33.13 | 108.60 | -75.47 | QP | 100 | 328 | |
| 5 | 0.1057 | 18.83 | 11.53 | 30.36 | 107.12 | -76.76 | QP | 100 | 245 | |
| 6 | 0.1497 | 18.80 | 12.37 | 31.17 | 104.10 | -72.93 | QP | 100 | 184 | |

Spurious Emissions, TX Mode, 30M-1G



| | | | |
|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 14:23:05 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.0096 | 20.01 | 32.20 | 52.21 | 127.96 | -75.75 | QP | 100 | 3 | |
| 2 | 0.0156 | 20.30 | 27.26 | 47.56 | 123.74 | -76.18 | QP | 100 | 322 | |
| 3 | 0.0421 | 19.62 | 21.12 | 40.74 | 115.12 | -74.38 | QP | 100 | 205 | |
| 4 | 0.0492 | 19.26 | 20.58 | 39.84 | 113.77 | -73.93 | QP | 100 | 32 | |
| 5 | 0.1023 | 18.84 | 11.36 | 30.20 | 107.41 | -77.21 | QP | 100 | 248 | |
| 6 | 0.1497 | 18.80 | 10.87 | 29.67 | 104.10 | -74.43 | QP | 100 | 351 | |

Spurious Emissions, TX Mode, 30M-1G

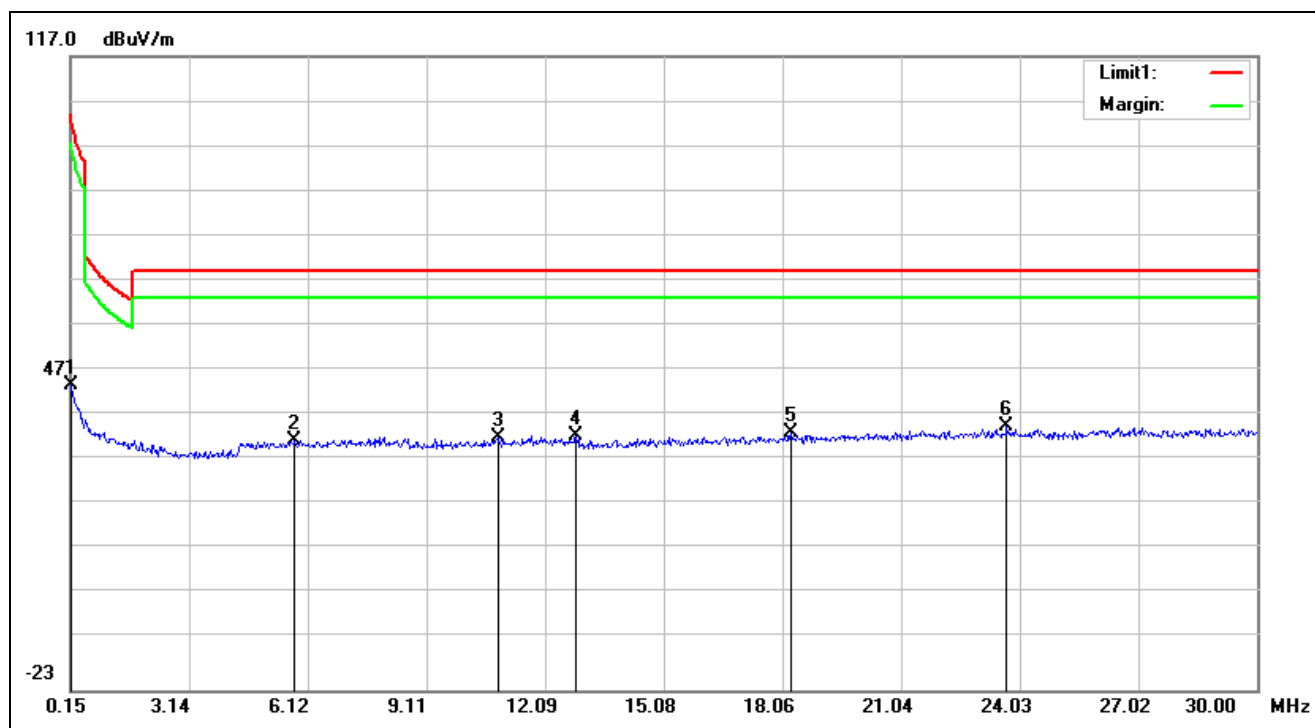
Spurious Emissions, RX Mode, 150k-30M



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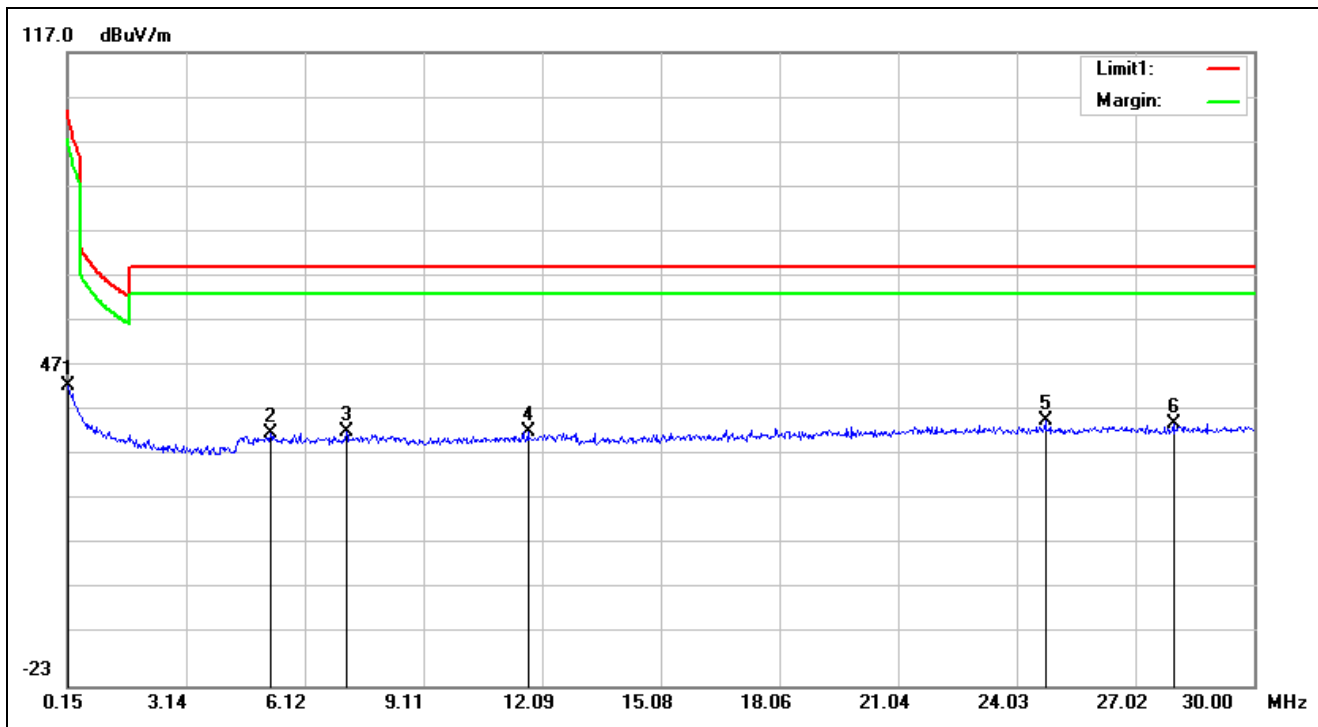
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| | | | |
|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 14:21:19 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.1799 | 18.77 | 25.51 | 44.28 | 102.50 | -58.22 | QP | 100 | 112 | |
| 2 | 5.7917 | 19.73 | 12.51 | 32.24 | 69.54 | -37.30 | QP | 100 | 251 | |
| 3 | 10.8960 | 20.50 | 12.33 | 32.83 | 69.54 | -36.71 | QP | 100 | 261 | |
| 4 | 12.8661 | 20.73 | 12.28 | 33.01 | 69.54 | -36.53 | QP | 100 | 232 | |
| 5 | 18.2690 | 21.35 | 12.53 | 33.88 | 69.54 | -35.66 | QP | 100 | 296 | |
| 6 | 23.7017 | 21.82 | 13.44 | 35.26 | 69.54 | -34.28 | QP | 100 | 27 | |

Spurious Emissions, TX Mode, 30M-1G



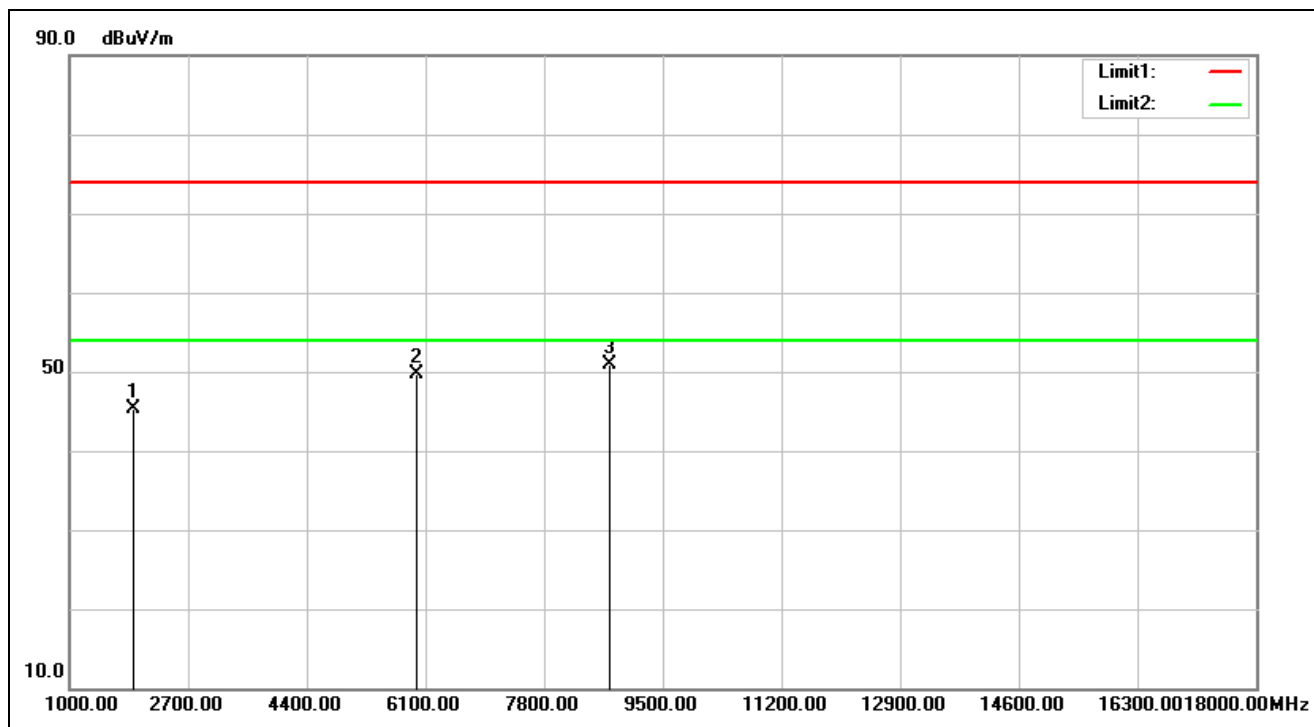
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|----------------|------------------------------|--------------------|-------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC 15.225_9k-30M_3m(dBuV/m) | Ant. Polarization: | |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 14:24:38 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 0.1500 | 18.80 | 24.40 | 43.20 | 104.08 | -60.88 | QP | 100 | 78 | |
| 2 | 5.2543 | 19.64 | 13.29 | 32.93 | 69.54 | -36.61 | QP | 100 | 16 | |
| 3 | 7.1648 | 19.95 | 13.35 | 33.30 | 69.54 | -36.24 | QP | 100 | 325 | |
| 4 | 11.7318 | 20.59 | 12.63 | 33.22 | 69.54 | -36.32 | QP | 100 | 192 | |
| 5 | 24.7464 | 21.89 | 13.80 | 35.69 | 69.54 | -33.85 | QP | 100 | 174 | |
| 6 | 27.9702 | 22.13 | 12.86 | 34.99 | 69.54 | -34.55 | QP | 100 | 269 | |

Spurious Emissions, RX Mode, 1-18G

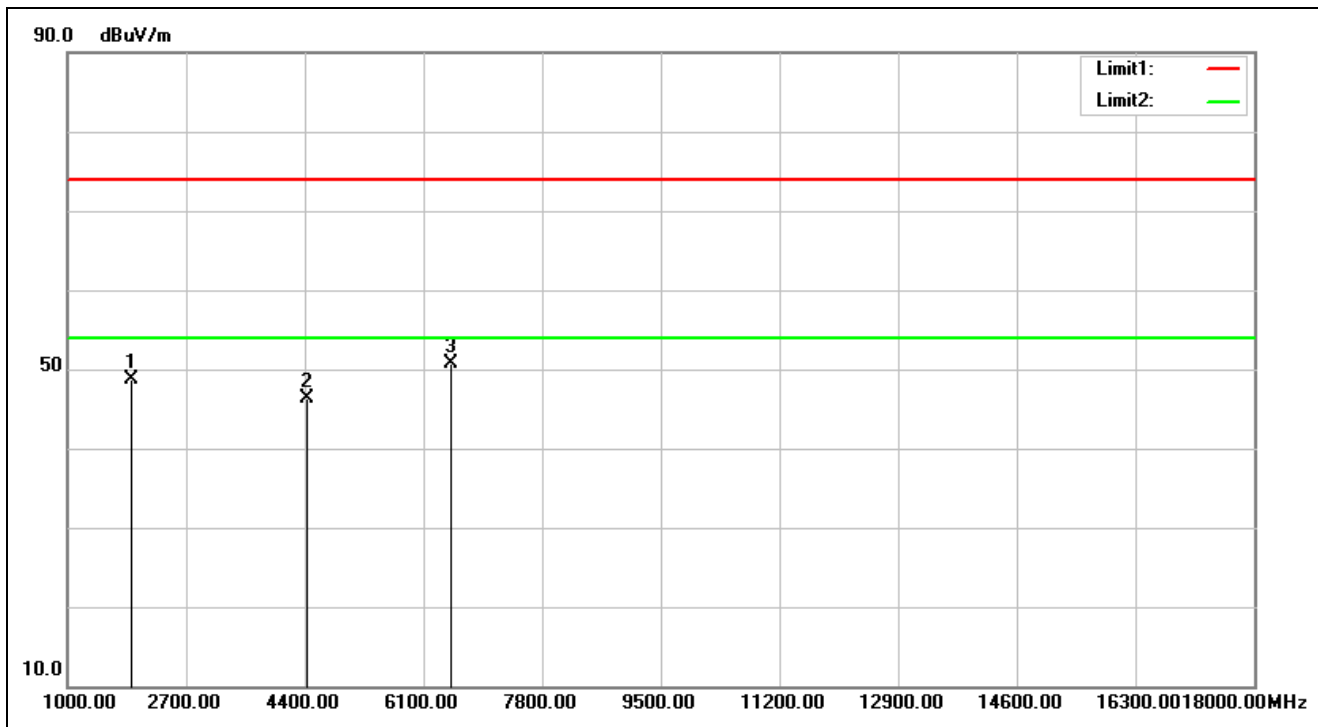


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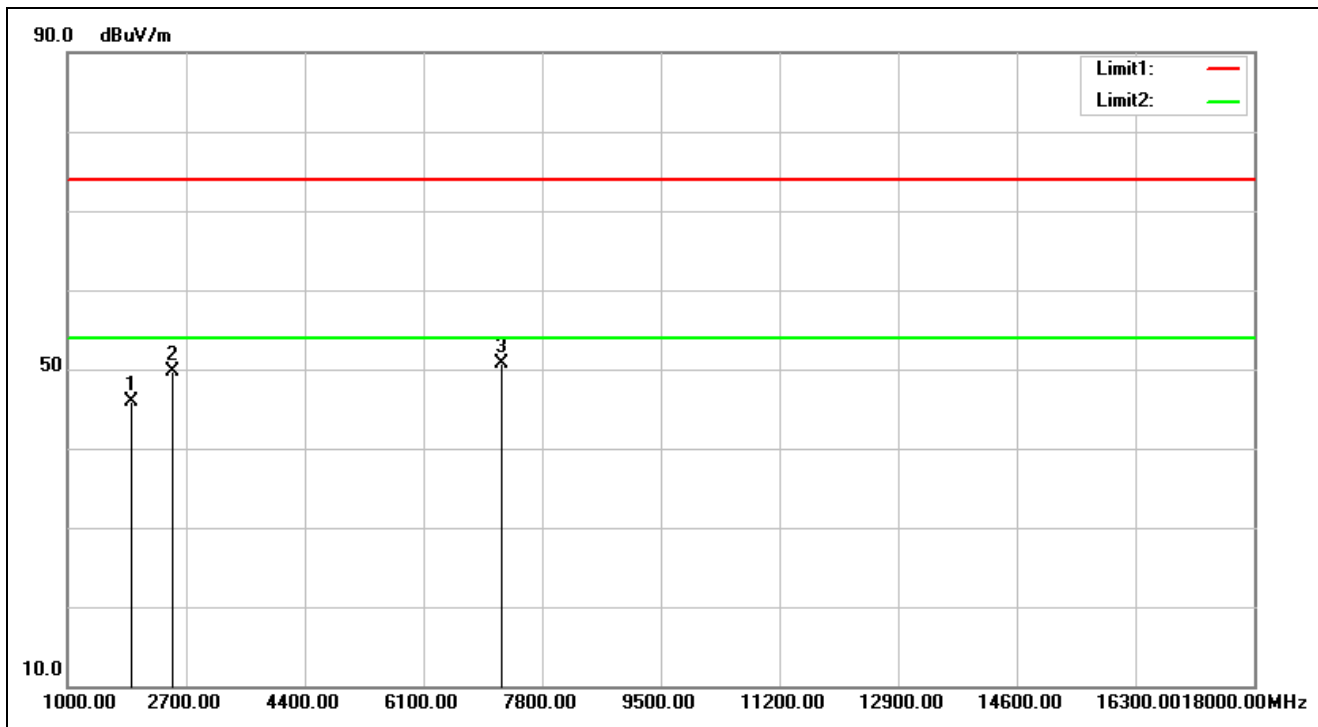
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|----------------|---------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:07:52 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 1918.000 | -9.27 | 54.60 | 45.33 | 74.00 | -28.67 | peak | 100 | 226 | |
| 2 | 5964.000 | 2.71 | 47.05 | 49.76 | 74.00 | -24.24 | peak | 100 | 334 | |
| 3 | 8735.000 | 5.73 | 45.25 | 50.98 | 74.00 | -23.02 | peak | 100 | 170 | |



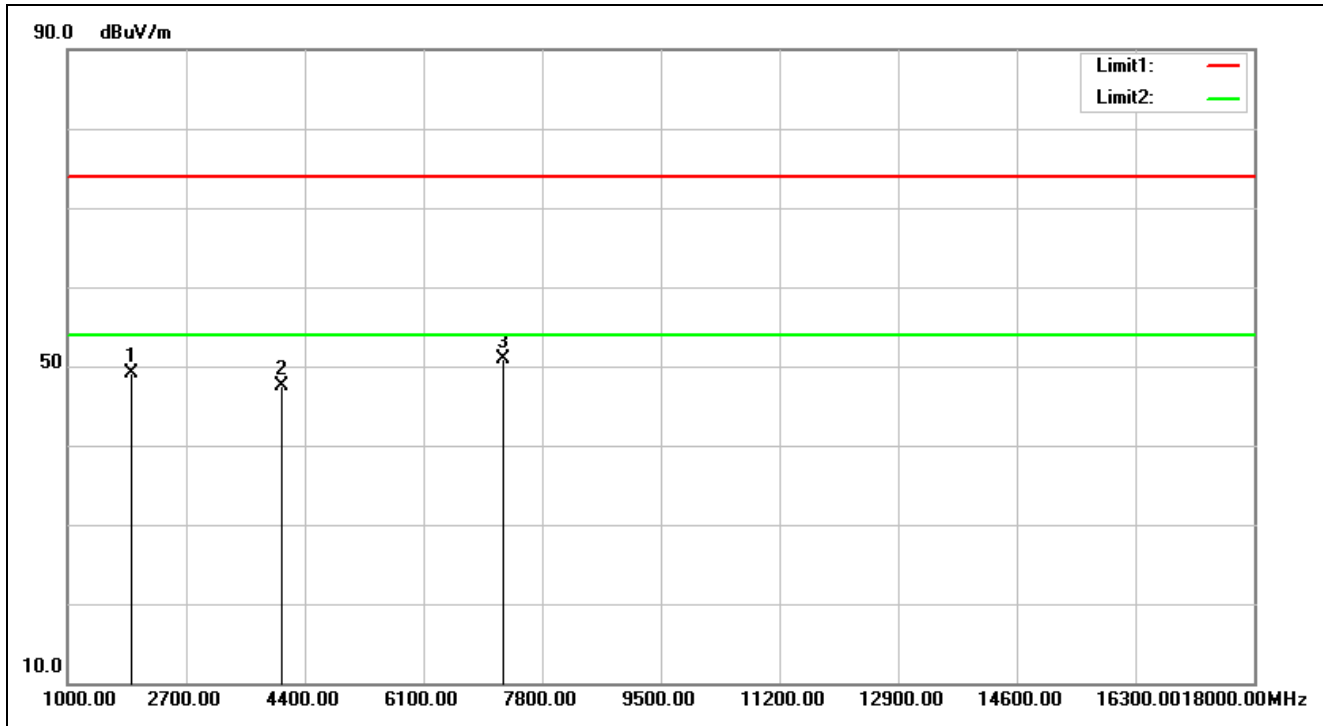
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:08:54 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 1918.000 | -9.27 | 58.02 | 48.75 | 74.00 | -25.25 | peak | 100 | 78 | |
| 2 | 4434.000 | -4.20 | 50.44 | 46.24 | 74.00 | -27.76 | peak | 100 | 357 | |
| 3 | 6491.000 | 4.58 | 46.08 | 50.66 | 74.00 | -23.34 | peak | 100 | 234 | |



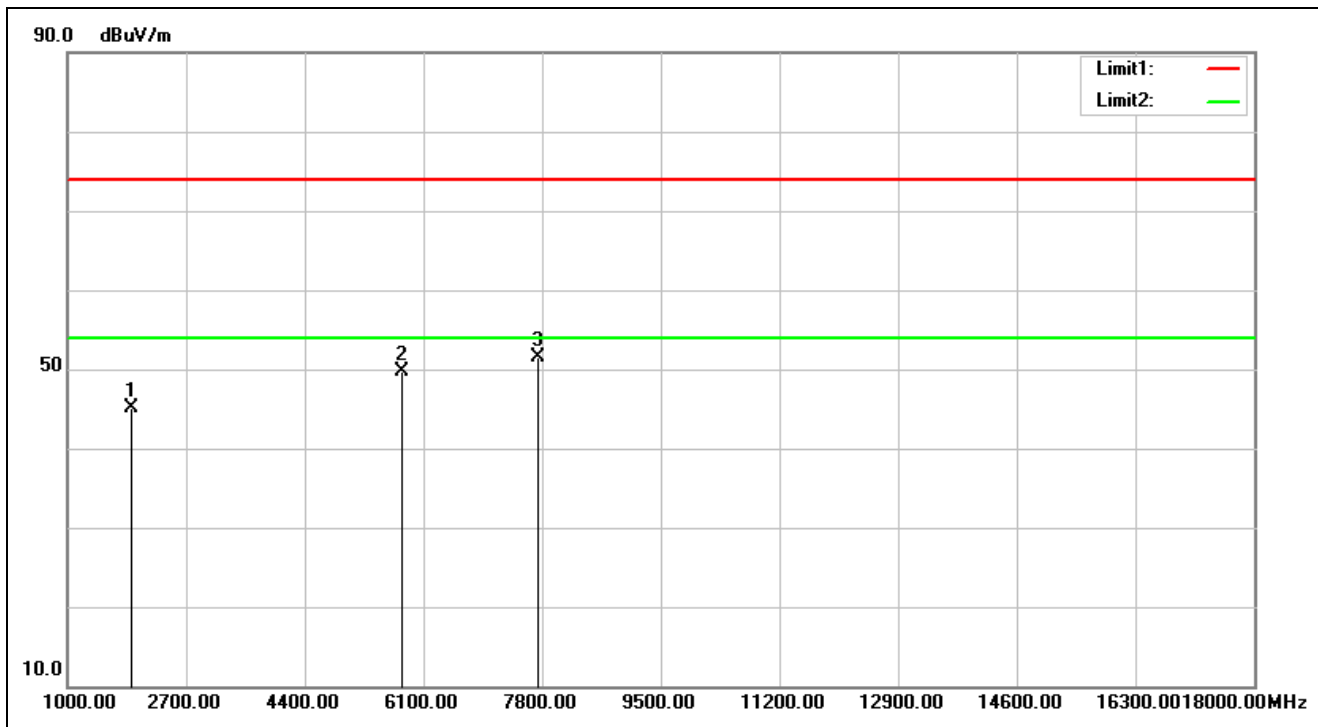
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:14:04 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 1918.000 | -9.27 | 55.08 | 45.81 | 74.00 | -28.19 | peak | 100 | 140 | |
| 2 | 2513.000 | -7.80 | 57.46 | 49.66 | 74.00 | -24.34 | peak | 100 | 6 | |
| 3 | 7222.000 | 4.58 | 46.19 | 50.77 | 74.00 | -23.23 | peak | 100 | 268 | |



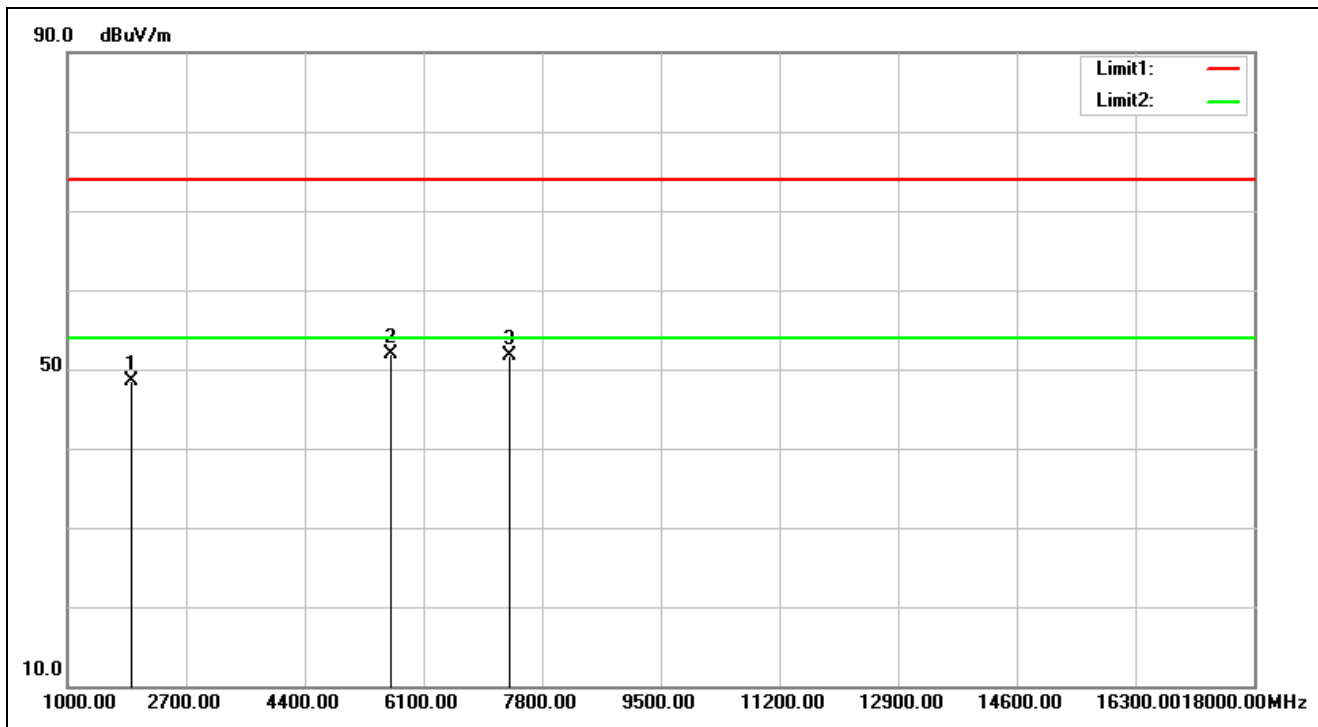
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:15:07 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 1918.000 | -9.27 | 58.41 | 49.14 | 74.00 | -24.86 | peak | 100 | 78 | |
| 2 | 4060.000 | -5.36 | 52.87 | 47.51 | 74.00 | -26.49 | peak | 100 | 348 | |
| 3 | 7239.000 | 4.64 | 46.18 | 50.82 | 74.00 | -23.18 | peak | 100 | 234 | |



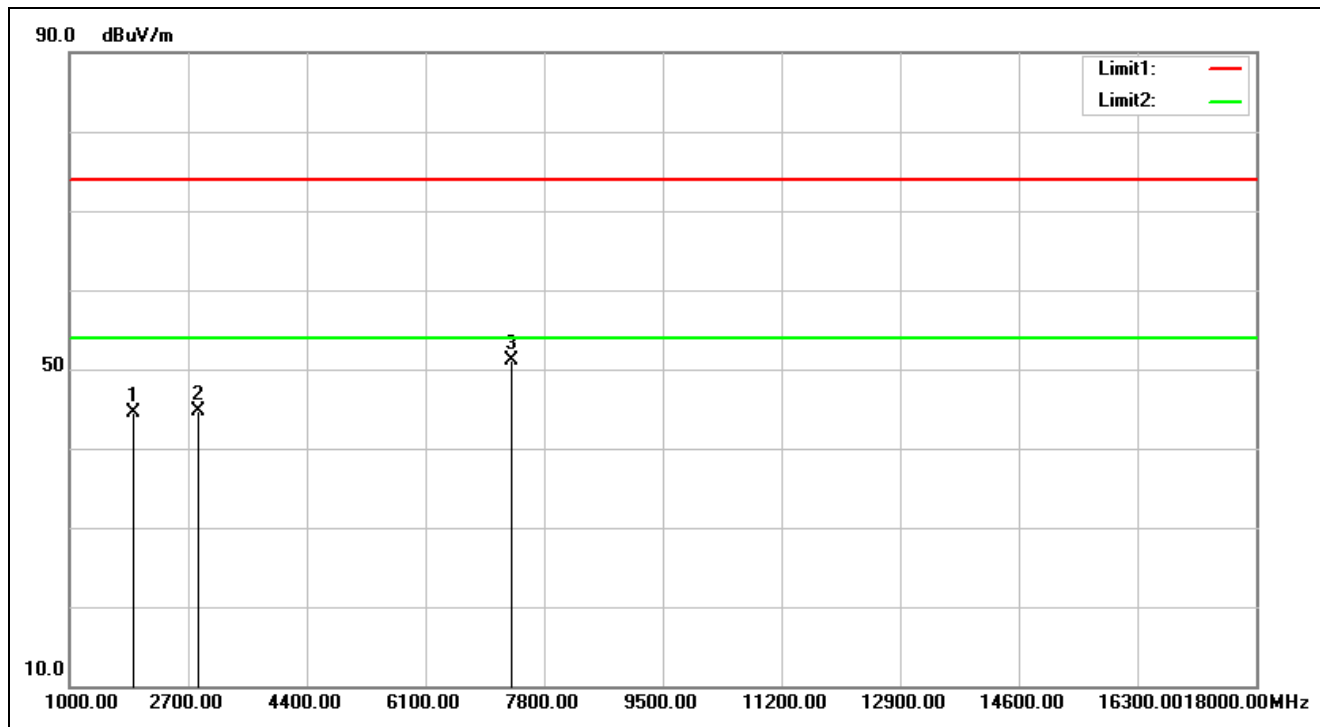
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:10:23 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 1918.000 | -9.27 | 54.43 | 45.16 | 74.00 | -28.84 | peak | 100 | 140 | |
| 2 | 5794.000 | 1.50 | 48.28 | 49.78 | 74.00 | -24.22 | peak | 100 | 360 | |
| 3 | 7749.000 | 5.48 | 46.09 | 51.57 | 74.00 | -22.43 | peak | 100 | 100 | |



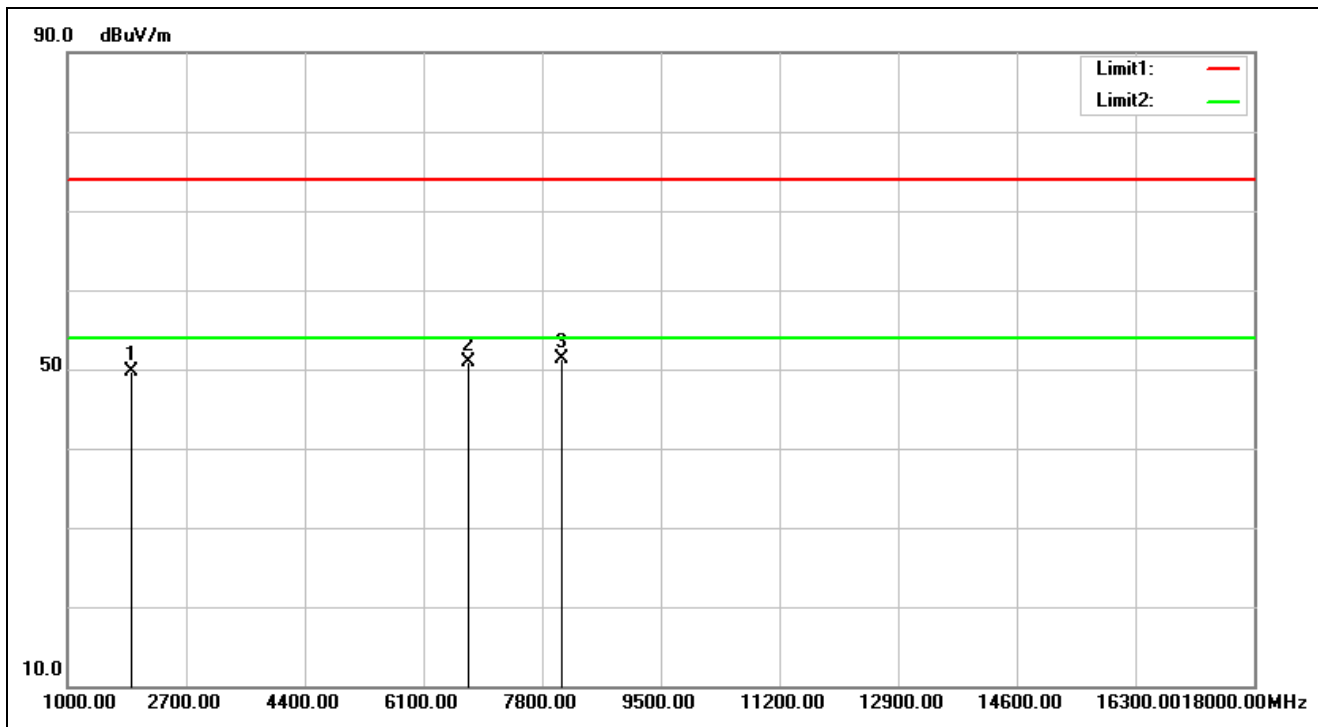
| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:11:26 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 1918.000 | -9.27 | 57.79 | 48.52 | 74.00 | -25.48 | peak | 100 | 76 | |
| 2 | 5641.000 | 0.41 | 51.56 | 51.97 | 74.00 | -22.03 | peak | 100 | 293 | |
| 3 | 7341.000 | 4.98 | 46.81 | 51.79 | 74.00 | -22.21 | peak | 100 | 201 | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:16:51 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 1918.000 | -9.27 | 53.84 | 44.57 | 74.00 | -29.43 | peak | 100 | 140 | |
| 2 | 2853.000 | -7.21 | 51.87 | 44.66 | 74.00 | -29.34 | peak | 100 | 343 | |
| 3 | 7324.000 | 4.92 | 46.23 | 51.15 | 74.00 | -22.85 | peak | 100 | 14 | |



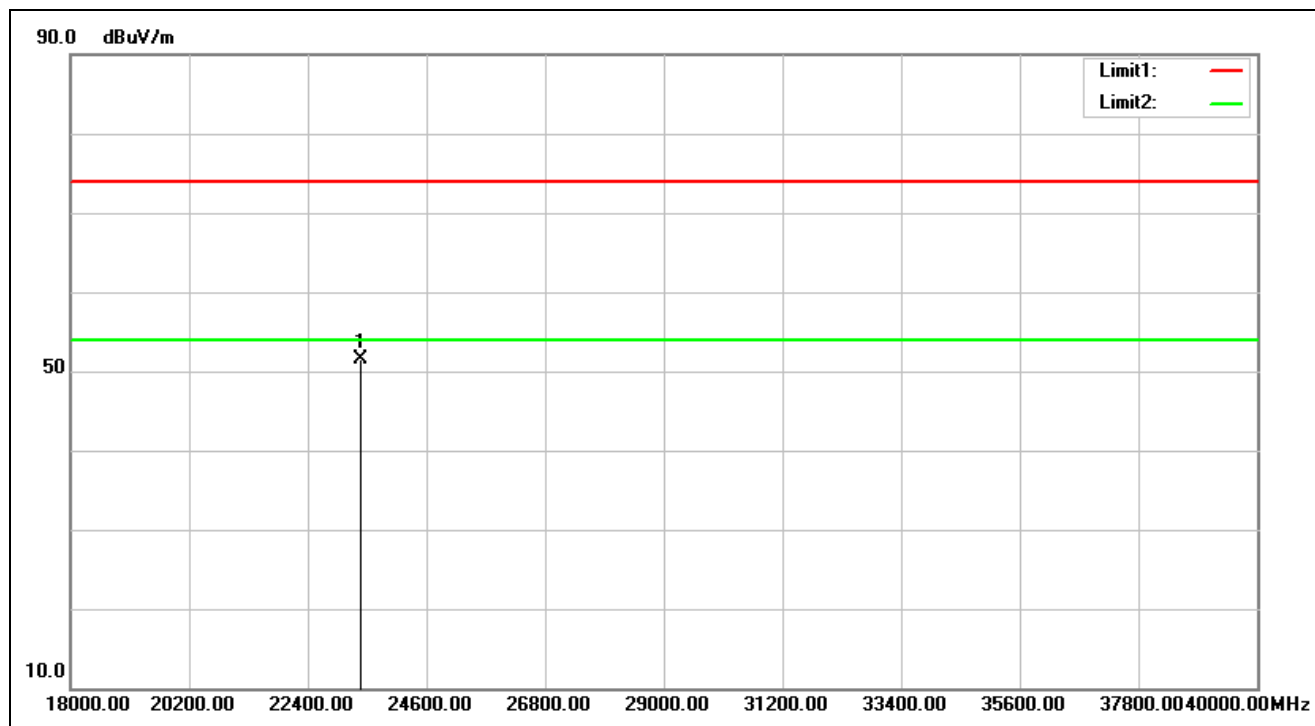
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 15:17:54 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 1918.000 | -9.27 | 59.02 | 49.75 | 74.00 | -24.25 | peak | 100 | 81 | |
| 2 | 6746.000 | 4.22 | 46.61 | 50.83 | 74.00 | -23.17 | peak | 100 | 162 | |
| 3 | 8089.000 | 5.45 | 45.87 | 51.32 | 74.00 | -22.68 | peak | 100 | 273 | |

Spurious Emissions, RX Mode, 18-40G

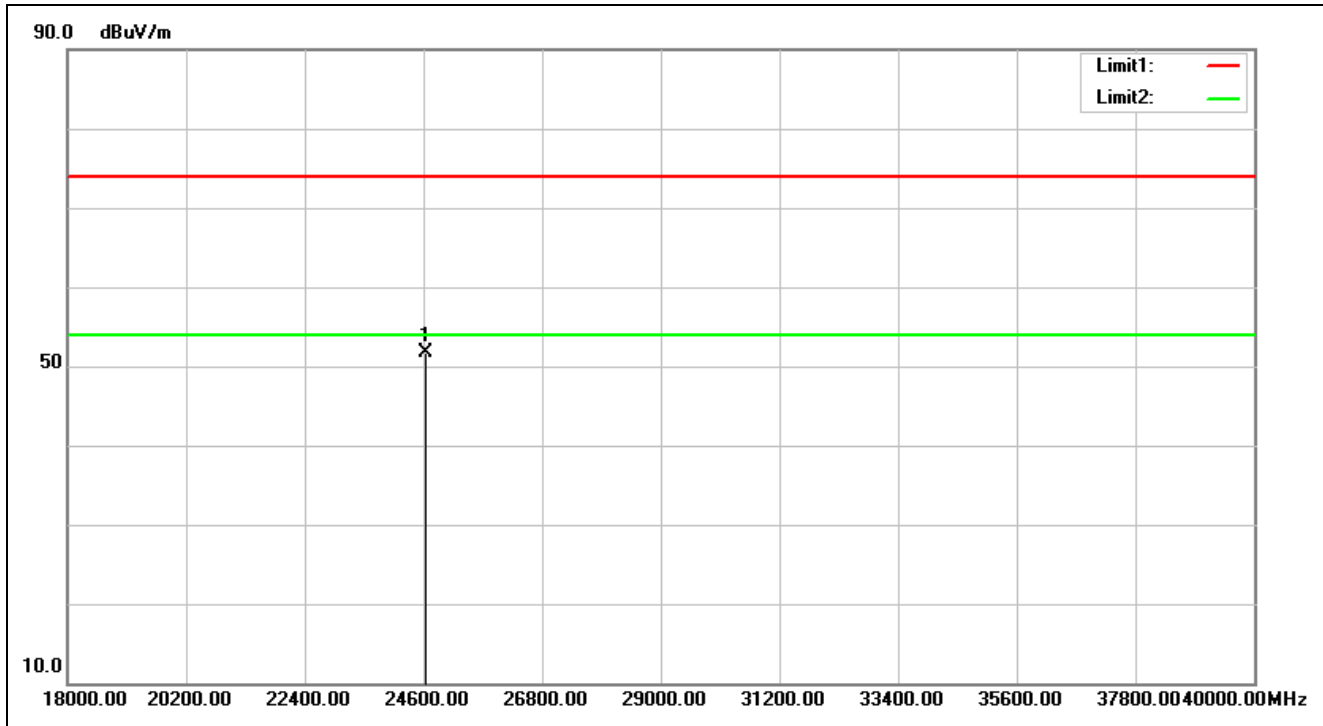


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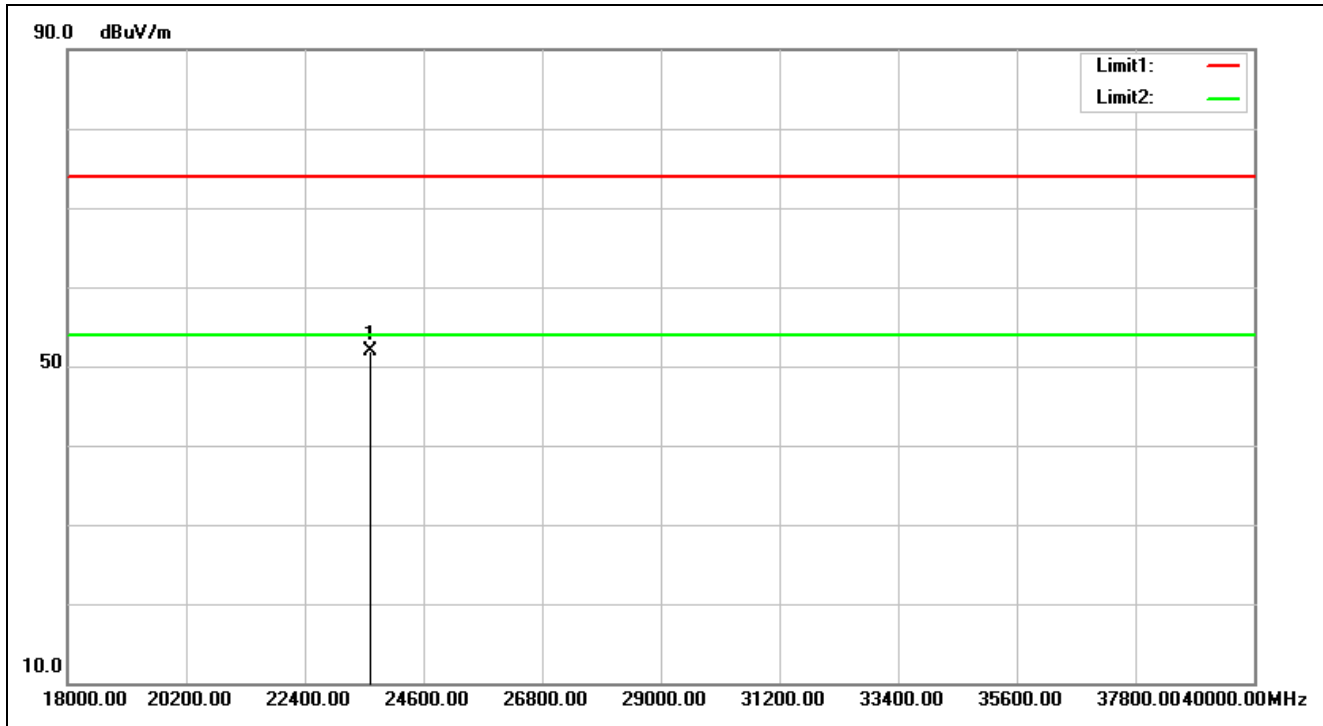
| | | | |
|----------------|---------------------|--------------------|--------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:09:24 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23368.000 | 32.75 | 18.76 | 51.51 | 74.00 | -22.49 | peak | | 0 | |



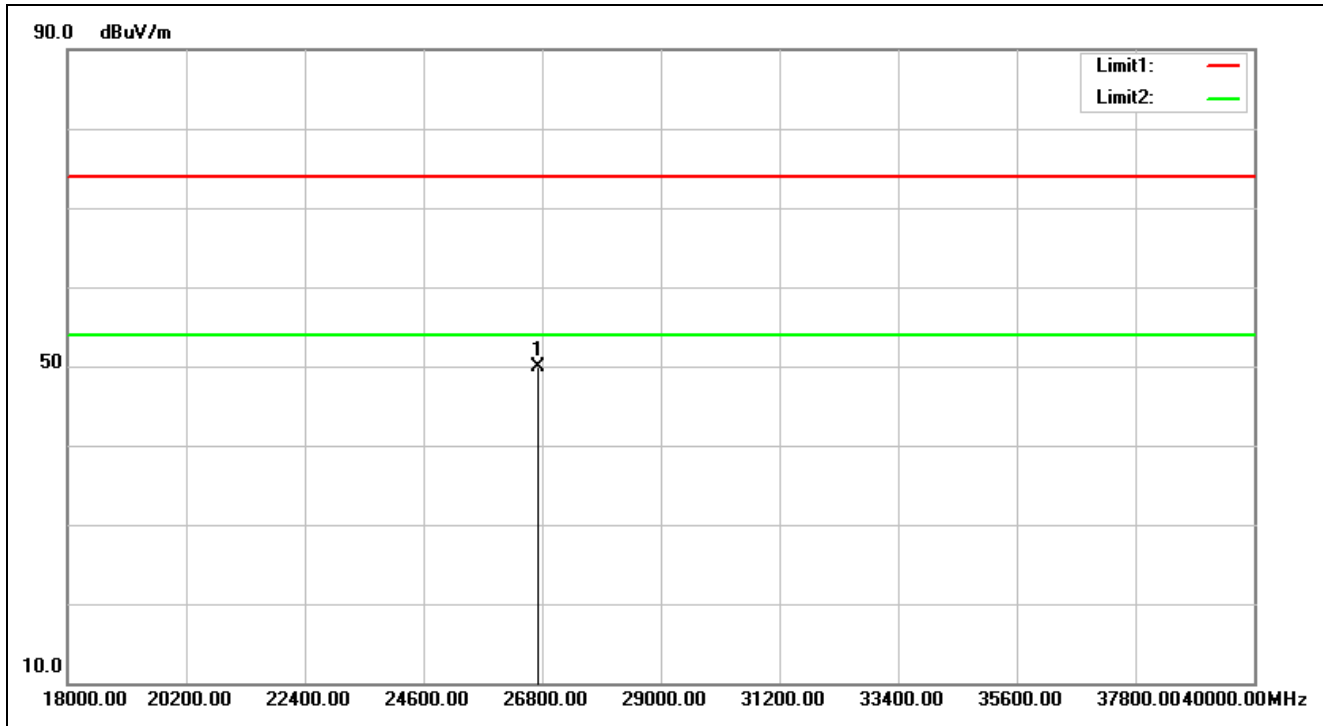
| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:09:35 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1 | 24644.000 | 33.21 | 18.53 | 51.74 | 74.00 | -22.26 | peak | | | |



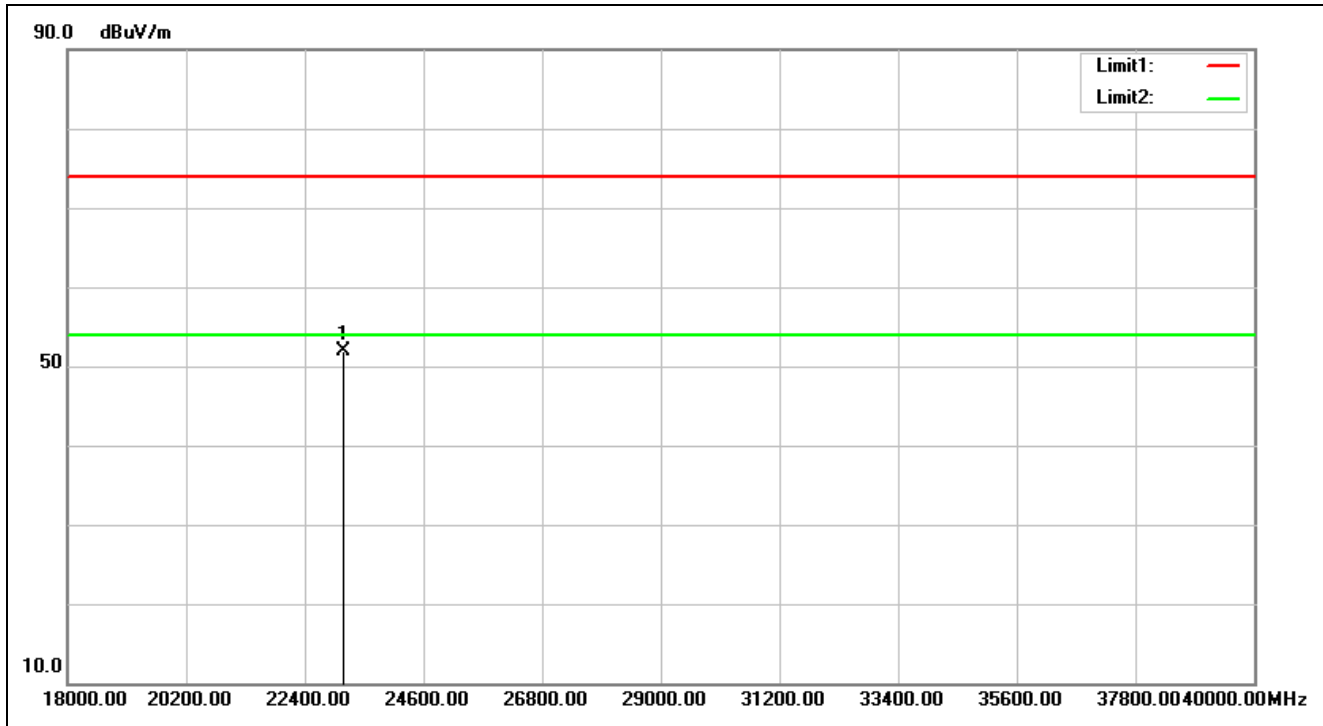
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:10:29 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23610.000 | 32.62 | 19.34 | 51.96 | 74.00 | -22.04 | peak | | | |



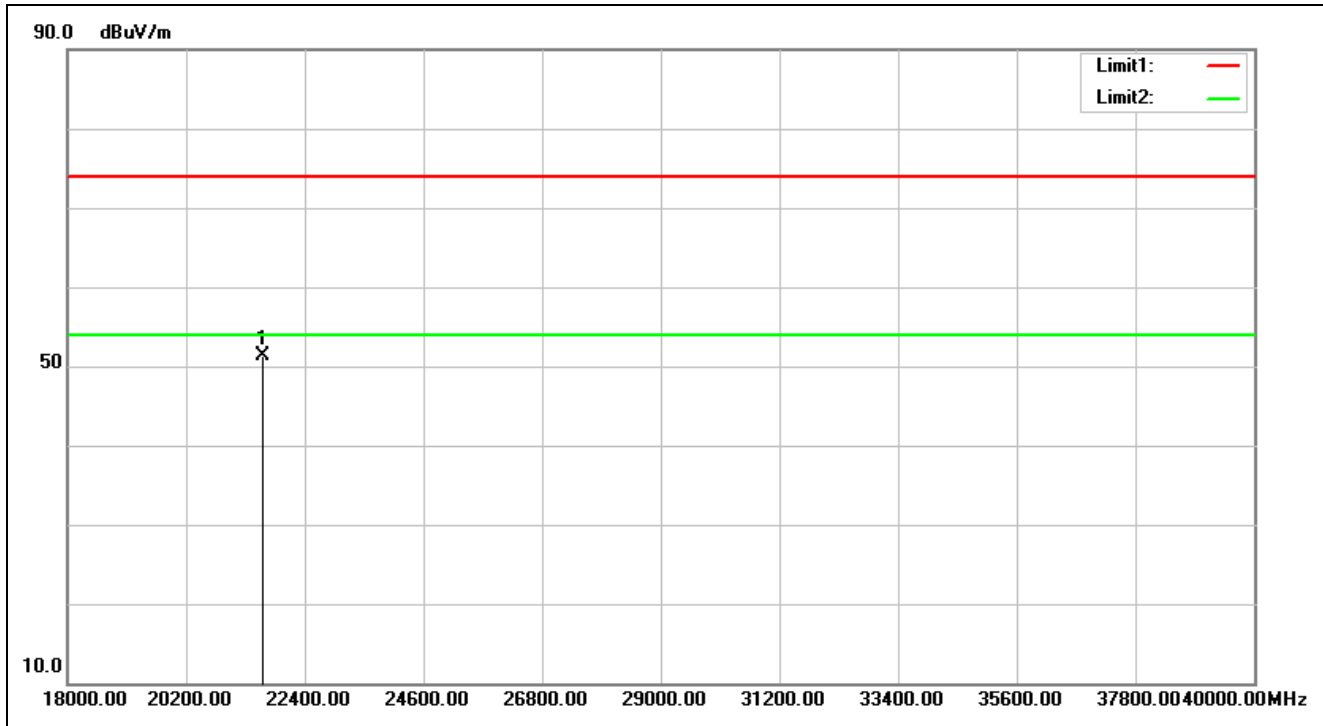
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|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:10:43 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | LRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 26734.000 | 35.06 | 14.88 | 49.94 | 74.00 | -24.06 | peak | | | |



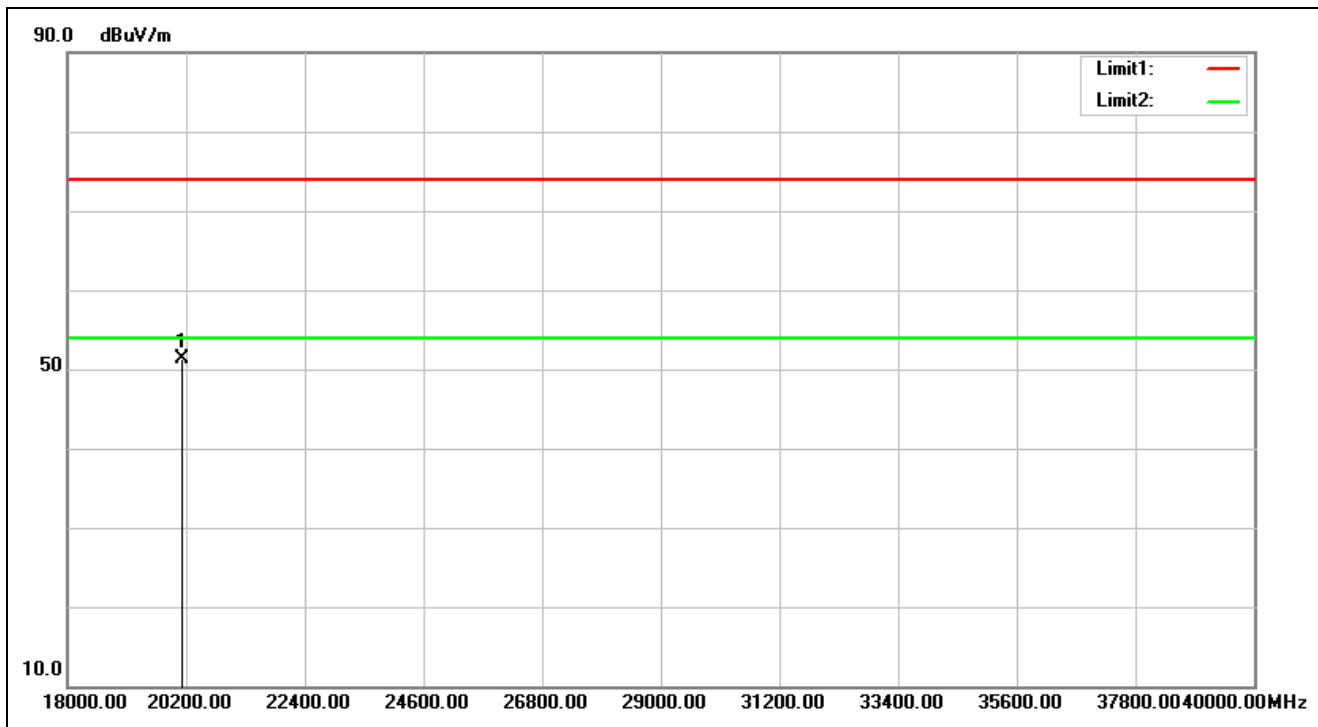
| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:09:51 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23104.000 | 32.57 | 19.37 | 51.94 | 74.00 | -22.06 | peak | | | |



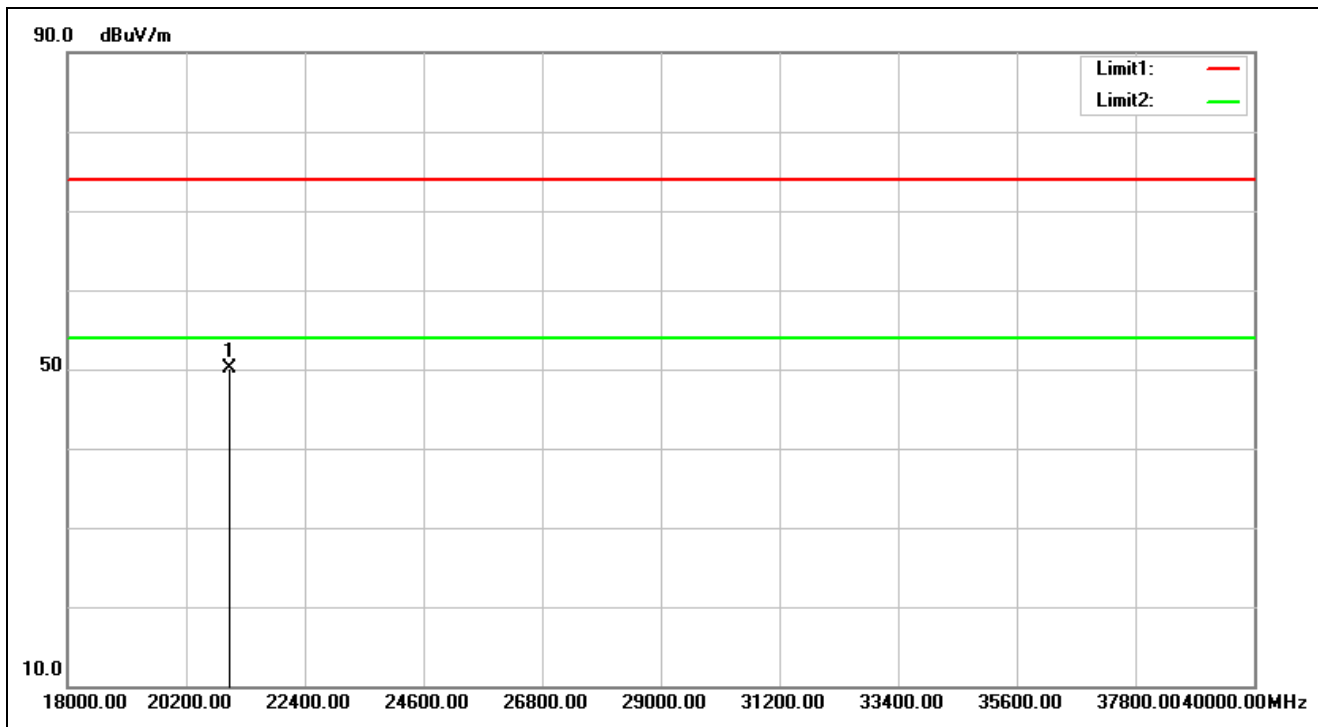
| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:10:10 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 21630.000 | 32.76 | 18.60 | 51.36 | 74.00 | -22.64 | peak | | | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:10:59 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 20112.000 | 31.53 | 19.77 | 51.30 | 74.00 | -22.70 | peak | | | |



| | | | |
|-----------------------|----------------------------|---------------------------|---------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | NCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/5/26 14:11:09 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.5(°C)/61% |
| Model No.: | RX-1 | Test Engineer: | George Yang |
| Test Mode: | MRP-62.64-RX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1 | 21014.000 | 31.96 | 18.21 | 50.17 | 74.00 | -23.83 | peak | | | |

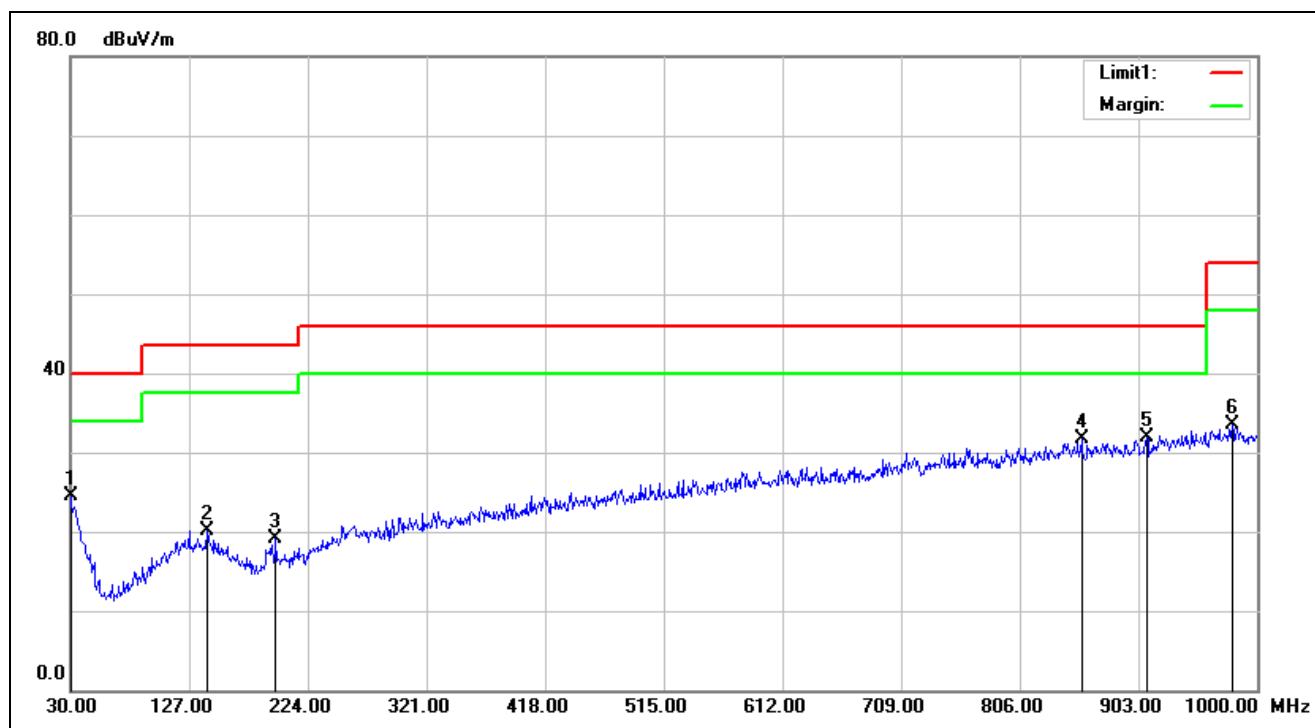
Spurious Emissions, RX Mode, 30M-1G



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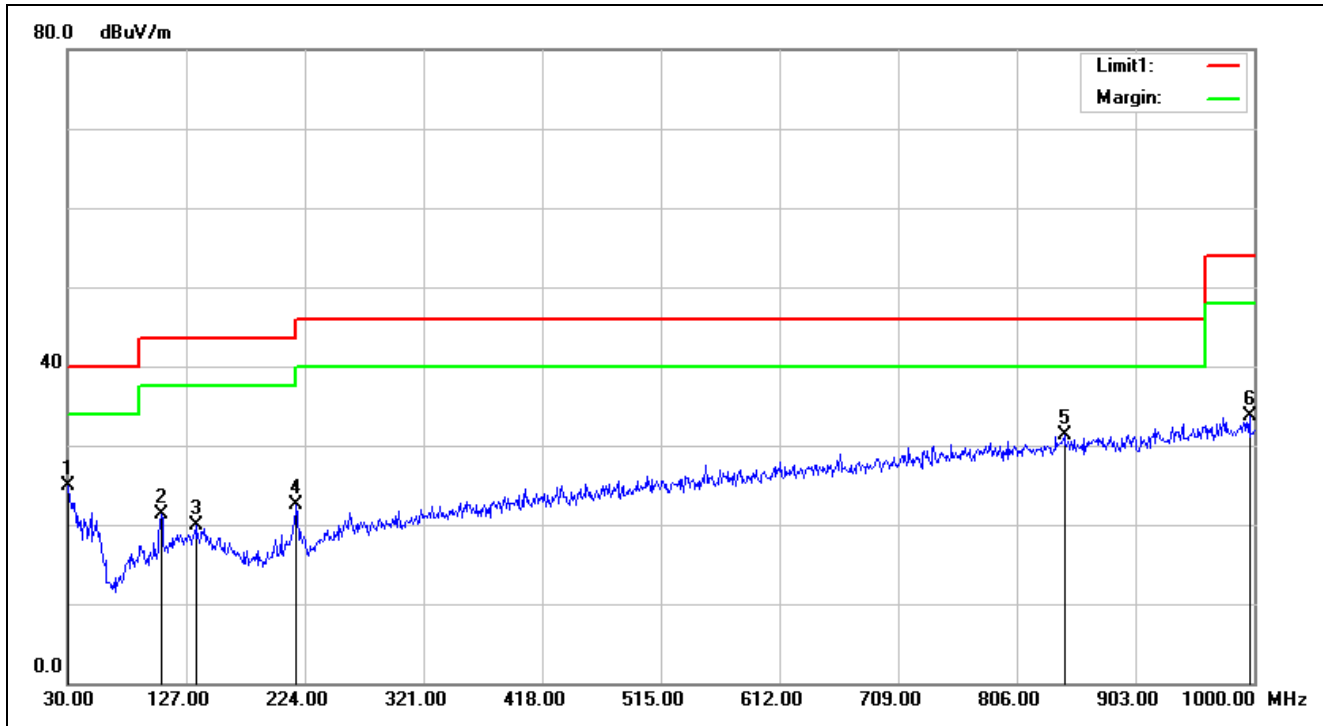
Tel:+886-2172-7000 fax:+886-2528-0018



| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 15:02:18 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%): | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-60.48-RX | | |
| Remark: | | | |

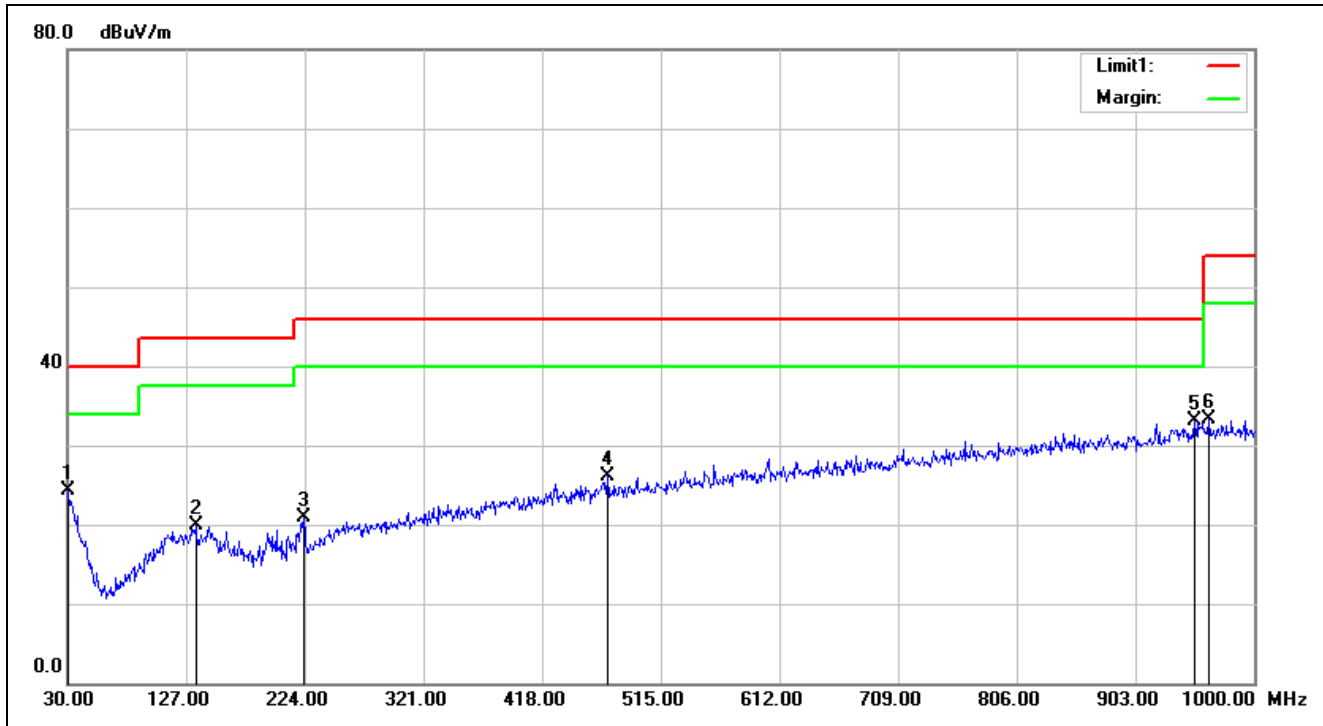
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 30.0000 | -0.07 | 24.65 | 24.58 | 40.00 | -15.42 | QP | 100 | 225 | |
| 2 | 141.5500 | -7.06 | 27.25 | 20.19 | 43.50 | -23.31 | QP | 100 | 121 | |
| 3 | 197.8100 | -9.05 | 28.16 | 19.11 | 43.50 | -24.39 | QP | 100 | 286 | |
| 4 | 856.4400 | 3.74 | 27.89 | 31.63 | 46.00 | -14.37 | QP | 100 | 48 | |
| 5 | 909.7900 | 4.40 | 27.44 | 31.84 | 46.00 | -14.16 | QP | 100 | 139 | |
| 6 | 979.6300 | 5.65 | 27.81 | 33.46 | 54.00 | -20.54 | QP | 100 | 284 | |

Spurious Emissions, Mains, 150kHz - 30MHz



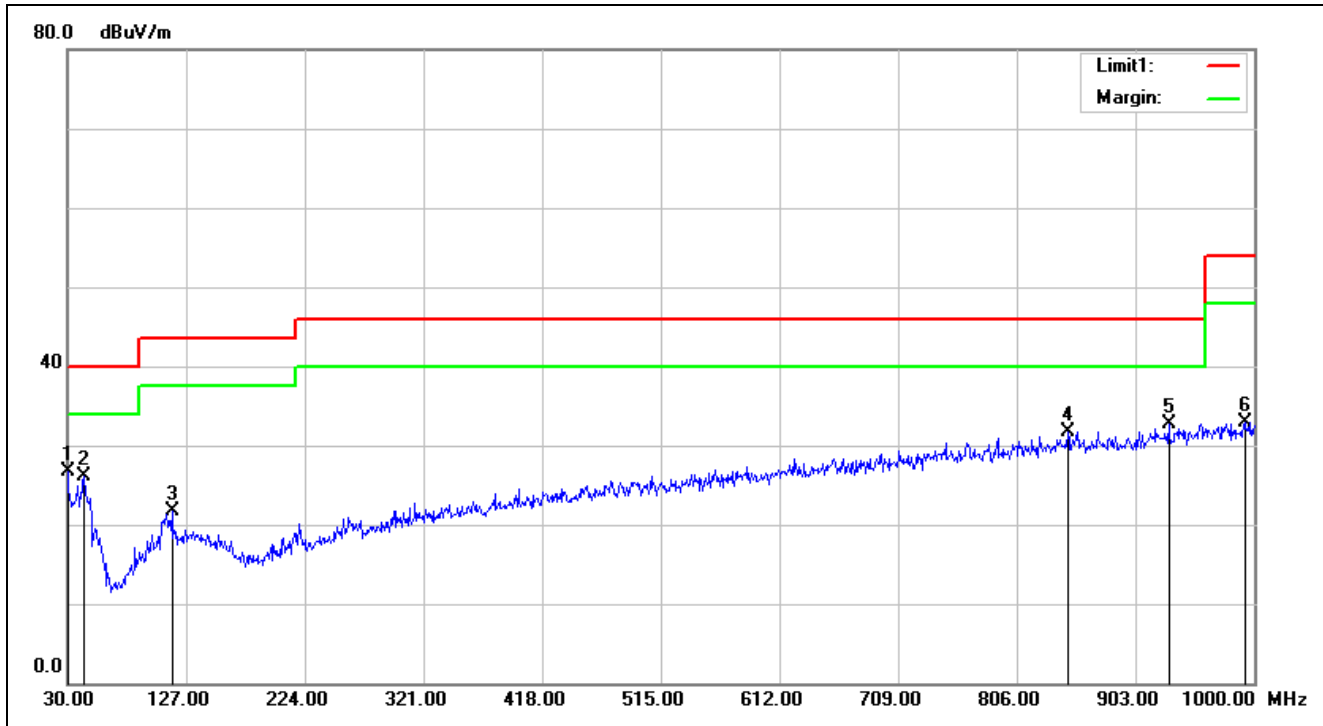
| | | | |
|----------------|--------------------------|--------------------|-------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 15:03:21 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-60.48-RX | | |
| 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 | -0.07 | 24.97 | 24.90 | 40.00 | -15.10 | QP | 100 | 296 | |
| 2 | 106.6300 | -8.61 | 29.91 | 21.30 | 43.50 | -22.20 | QP | 100 | 226 | |
| 3 | 134.7600 | -6.98 | 26.84 | 19.86 | 43.50 | -23.64 | QP | 100 | 20 | |
| 4 | 217.2100 | -8.37 | 30.81 | 22.44 | 46.00 | -23.56 | QP | 100 | 229 | |
| 5 | 844.8000 | 3.60 | 27.70 | 31.30 | 46.00 | -14.70 | QP | 100 | 291 | |
| 6 | 996.1200 | 5.79 | 27.84 | 33.63 | 54.00 | -20.37 | QP | 100 | 229 | |



| | | | |
|----------------|--------------------------|--------------------|-------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 15:05:03 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-62.64-RX | | |
| 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 | -0.07 | 24.47 | 24.40 | 40.00 | -15.60 | QP | 100 | 356 | |
| 2 | 134.7600 | -6.98 | 26.81 | 19.83 | 43.50 | -23.67 | QP | 100 | 0 | |
| 3 | 223.0300 | -8.07 | 28.89 | 20.82 | 46.00 | -25.18 | QP | 100 | 294 | |
| 4 | 471.3500 | -1.74 | 27.77 | 26.03 | 46.00 | -19.97 | QP | 100 | 11 | |
| 5 | 951.5000 | 5.40 | 27.76 | 33.16 | 46.00 | -12.84 | QP | 100 | 252 | |
| 6 | 963.1400 | 5.50 | 27.86 | 33.36 | 54.00 | -20.64 | QP | 100 | 177 | |



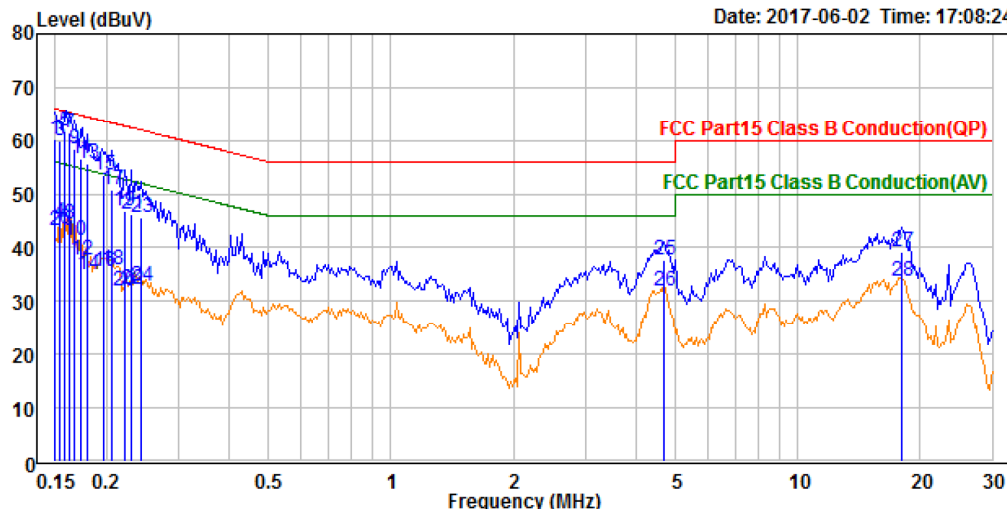
| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Service No.: | 114064109(RX-1)-NCC | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2017/6/1 15:06:07 |
| Applicant: | TPCast | Test Rating: | DC 5V |
| Product: | HMD Receiver | Temp.(°C)/Hum.(%) | 23.1(°C)/50% |
| Model No.: | RX-1 | Test Engineer: | Freeman Wang |
| Test Mode: | MRP-62.64-RX | | |
| 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 | -0.07 | 26.69 | 26.62 | 40.00 | -13.38 | QP | 100 | 346 | |
| 2 | 43.5800 | -7.86 | 34.04 | 26.18 | 40.00 | -13.82 | QP | 100 | 261 | |
| 3 | 115.3600 | -7.72 | 29.44 | 21.72 | 43.50 | -21.78 | QP | 100 | 143 | |
| 4 | 847.7100 | 3.64 | 28.07 | 31.71 | 46.00 | -14.29 | QP | 100 | 159 | |
| 5 | 930.1600 | 4.89 | 27.72 | 32.61 | 46.00 | -13.39 | QP | 100 | 250 | |
| 6 | 992.2400 | 5.77 | 27.13 | 32.90 | 54.00 | -21.10 | QP | 100 | 296 | |

Mains Spurious Emissions

File: C:\EMC\Report\2017\Beijing TPcast\114062897(RX-1)\114062897(RX-1)_00027.EMI

Date: 2017-06-02 Time: 17:08:24

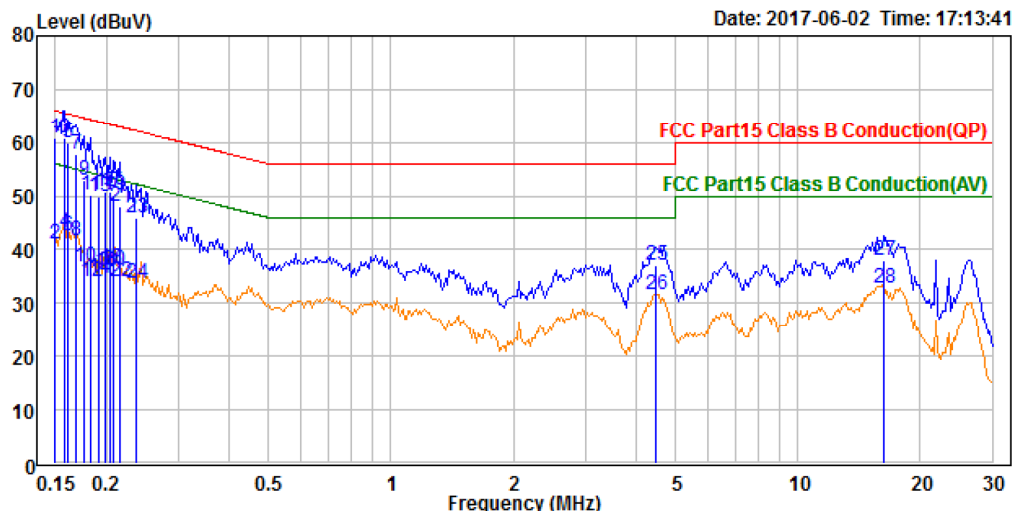


Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Applicant : Beijing TPcast
Product : Helmet Receiving End
Model No. : RX-1
Test Rating : 120Vac/60Hz
Tmp/Hum : 21.9 °C / 49 %
Memo : (a) Normal operation
Remark : Client"s Adapter

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | Remark |
|----|-------|-------|------------|--------|------------|------------|---------|
| | MHz | dBuV | dBuV | dB | dBuV | dB | |
| 1 | 0.150 | 60.38 | 50.60 | 9.78 | 66.00 | -5.62 | QP |
| 2 | 0.150 | 43.06 | 33.28 | 9.78 | 56.00 | -12.94 | Average |
| 3 | 0.153 | 59.87 | 50.09 | 9.78 | 65.83 | -5.96 | QP |
| 4 | 0.153 | 44.61 | 34.83 | 9.78 | 55.83 | -11.22 | Average |
| 5 | 0.158 | 61.84 | 52.06 | 9.78 | 65.59 | -3.75 | QP |
| 6 | 0.158 | 43.44 | 33.66 | 9.78 | 55.59 | -12.15 | Average |
| 7 | 0.162 | 61.56 | 51.78 | 9.78 | 65.34 | -3.78 | QP |
| 8 | 0.162 | 44.42 | 34.64 | 9.78 | 55.34 | -10.92 | Average |
| 9 | 0.167 | 58.49 | 48.71 | 9.78 | 65.09 | -6.60 | QP |
| 10 | 0.167 | 41.49 | 31.71 | 9.78 | 55.09 | -13.60 | Average |
| 11 | 0.172 | 56.73 | 46.95 | 9.78 | 64.84 | -8.11 | QP |
| 12 | 0.172 | 37.65 | 27.87 | 9.78 | 54.84 | -17.19 | Average |
| 13 | 0.179 | 55.59 | 45.83 | 9.76 | 64.51 | -8.92 | QP |
| 14 | 0.179 | 34.85 | 25.09 | 9.76 | 54.51 | -19.66 | Average |
| 15 | 0.196 | 53.39 | 43.63 | 9.76 | 63.77 | -10.38 | QP |

File: C:\EMC\Report\2017\Beijing TPcast\114062897(RX-1)\114062897(RX-1)_00029.EMI



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kai Wang
Applicant : Beijing TPcast
Product : Helmet Receiving End
Model No. : RX-1
Test Rating : 120Vac/60Hz
Tmp/Hum : 21.9 °C / 49 %
Memo : (a) Normal operation
Remark : Client's Adapter

| | Freq | Level | Read Level | Factor | Limit Line | Over Limit | Remark |
|----|-------|-------|------------|--------|------------|------------|---------|
| | MHz | dBuV | dBuV | dB | dBuV | dB | |
| 1 | 0.150 | 60.88 | 51.15 | 9.73 | 66.00 | -5.12 | QP |
| 2 | 0.150 | 40.99 | 31.26 | 9.73 | 56.00 | -15.01 | Average |
| 3 | 0.158 | 60.88 | 51.16 | 9.72 | 65.59 | -4.71 | QP |
| 4 | 0.158 | 43.20 | 33.48 | 9.72 | 55.59 | -12.39 | Average |
| 5 | 0.161 | 60.07 | 50.35 | 9.72 | 65.42 | -5.35 | QP |
| 6 | 0.161 | 42.50 | 32.78 | 9.72 | 55.42 | -12.92 | Average |
| 7 | 0.169 | 57.77 | 48.05 | 9.72 | 65.01 | -7.24 | QP |
| 8 | 0.169 | 41.52 | 31.80 | 9.72 | 55.01 | -13.49 | Average |
| 9 | 0.176 | 53.04 | 43.34 | 9.70 | 64.68 | -11.64 | QP |
| 10 | 0.176 | 36.73 | 27.03 | 9.70 | 54.68 | -17.95 | Average |
| 11 | 0.183 | 50.30 | 40.60 | 9.70 | 64.35 | -14.05 | QP |
| 12 | 0.183 | 34.05 | 24.35 | 9.70 | 54.35 | -20.30 | Average |
| 13 | 0.192 | 50.00 | 40.31 | 9.69 | 63.94 | -13.94 | QP |
| 14 | 0.192 | 34.55 | 24.86 | 9.69 | 53.94 | -19.39 | Average |
| 15 | 0.198 | 50.83 | 41.14 | 9.69 | 63.69 | -12.86 | QP |