

Test Report No.10043757 001

Appendix D: Radiated and Mains Spurious Emission Data

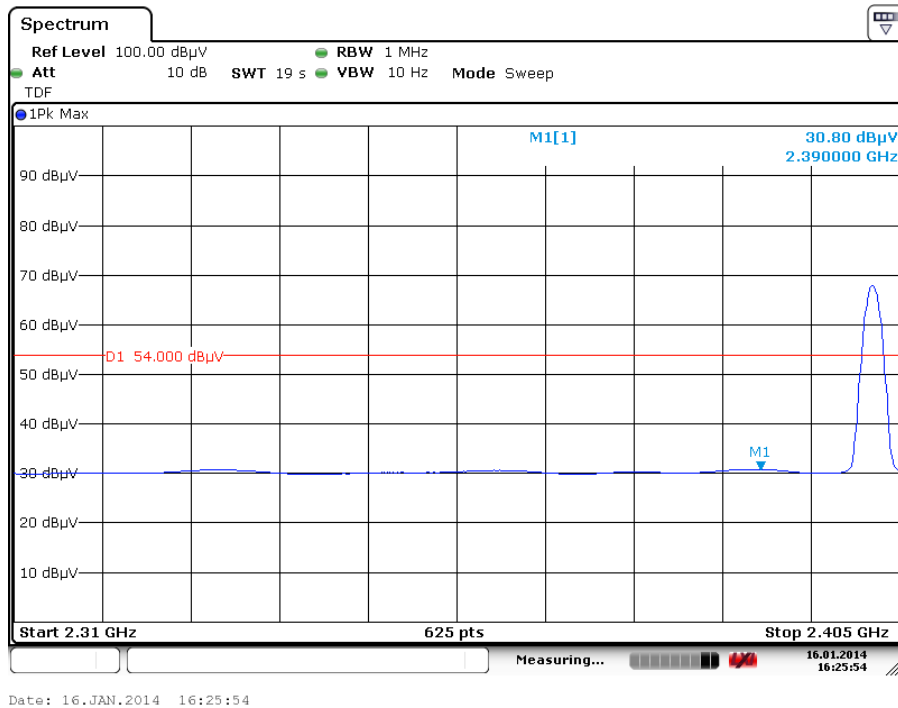
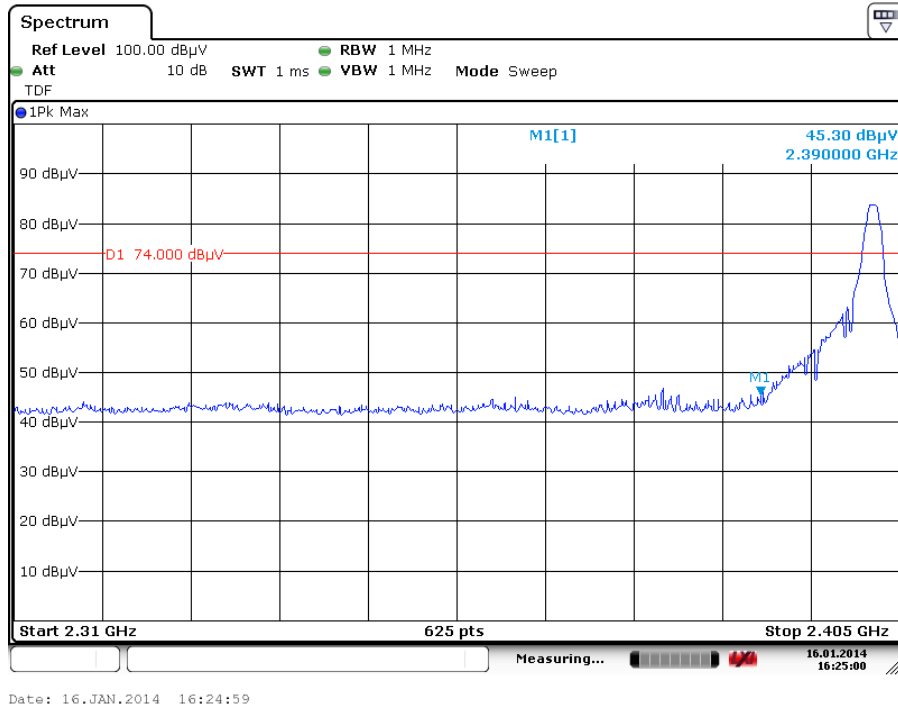
(File: 10043757AppendixD)

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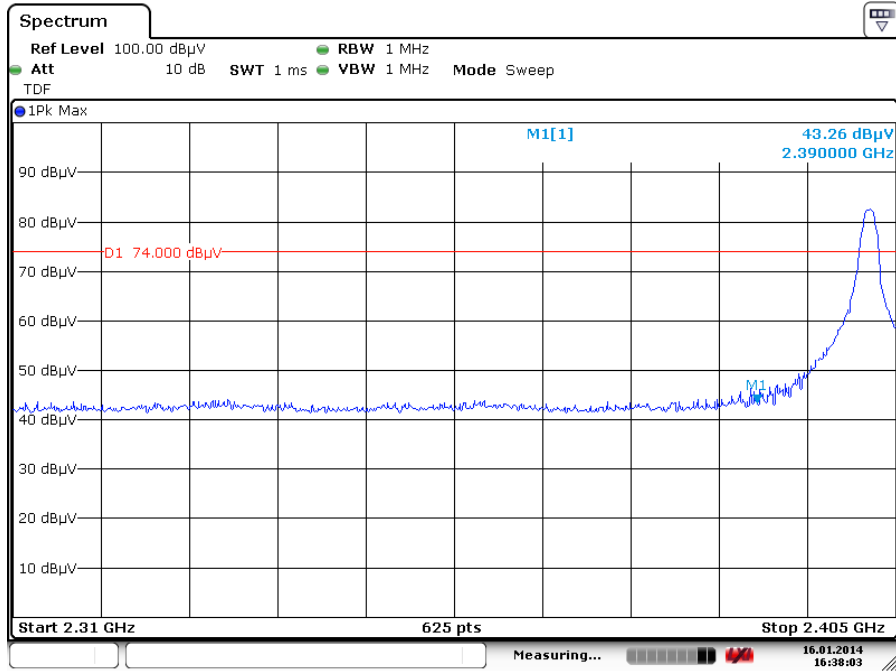
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Radiated Bandedge (GFSK)

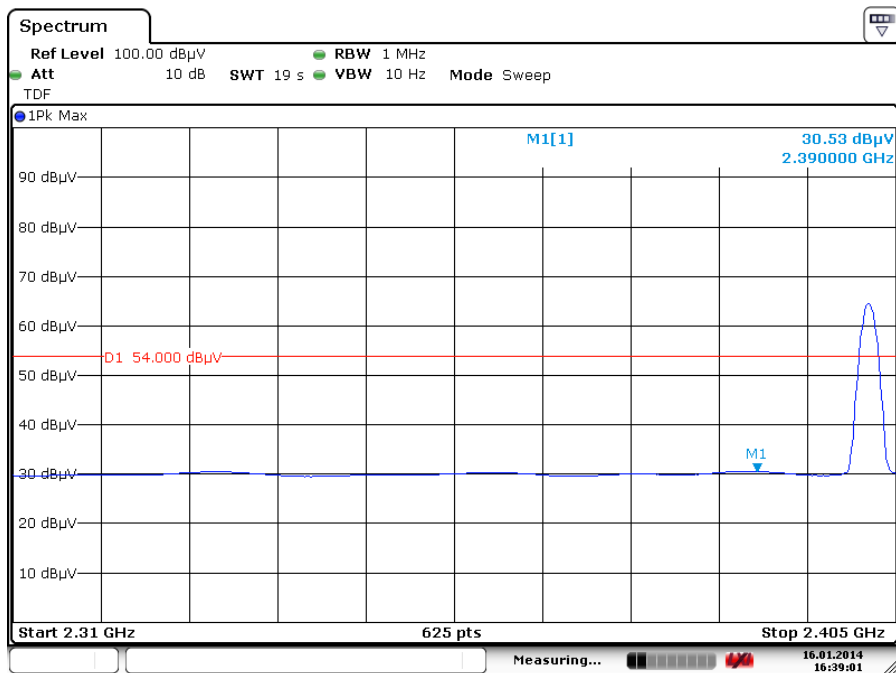
Low Channel (Hor)



Low Channel (Ver)



Date: 16.JAN.2014 16:38:03

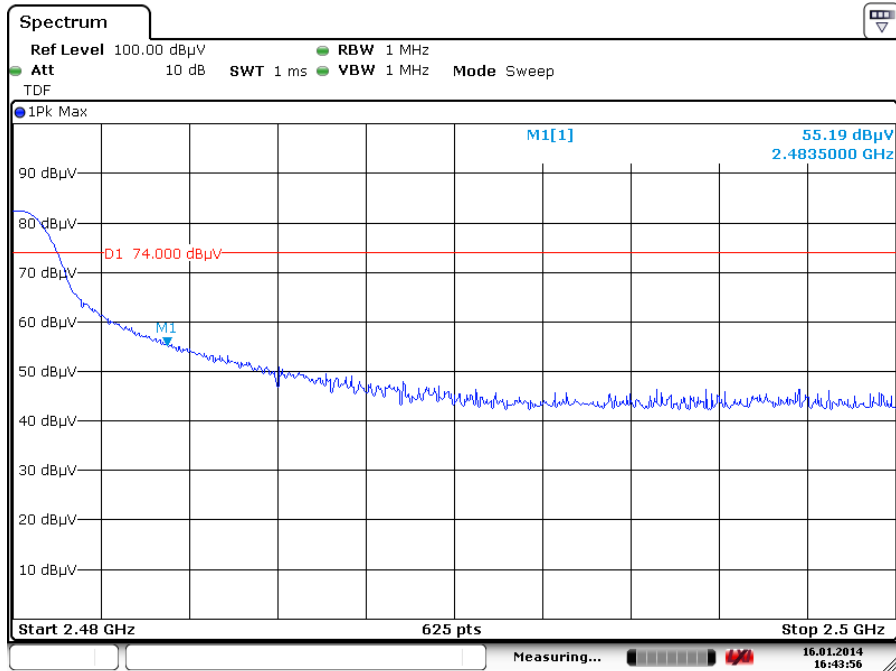


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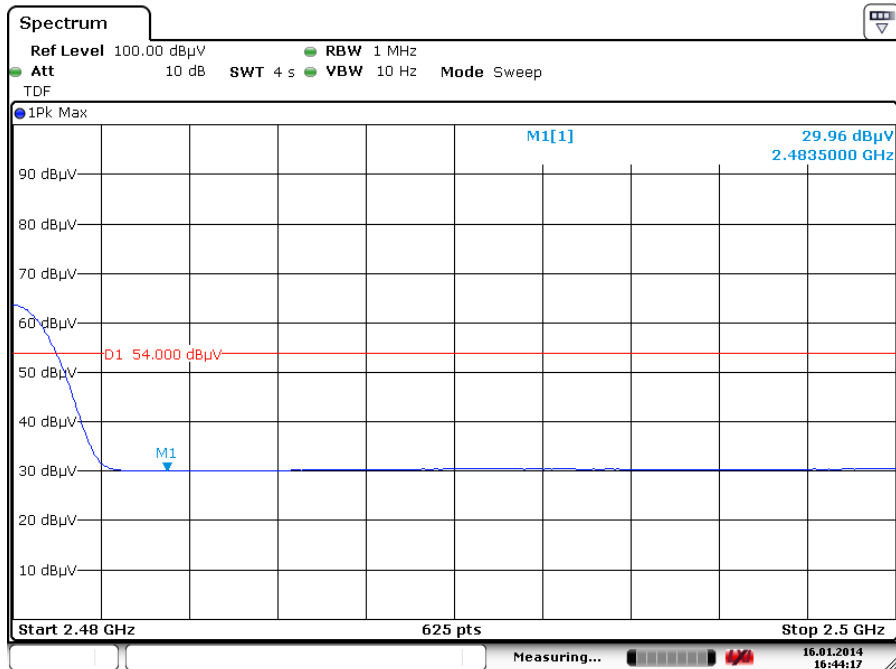
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (GFSK)

High Channel (Hor)



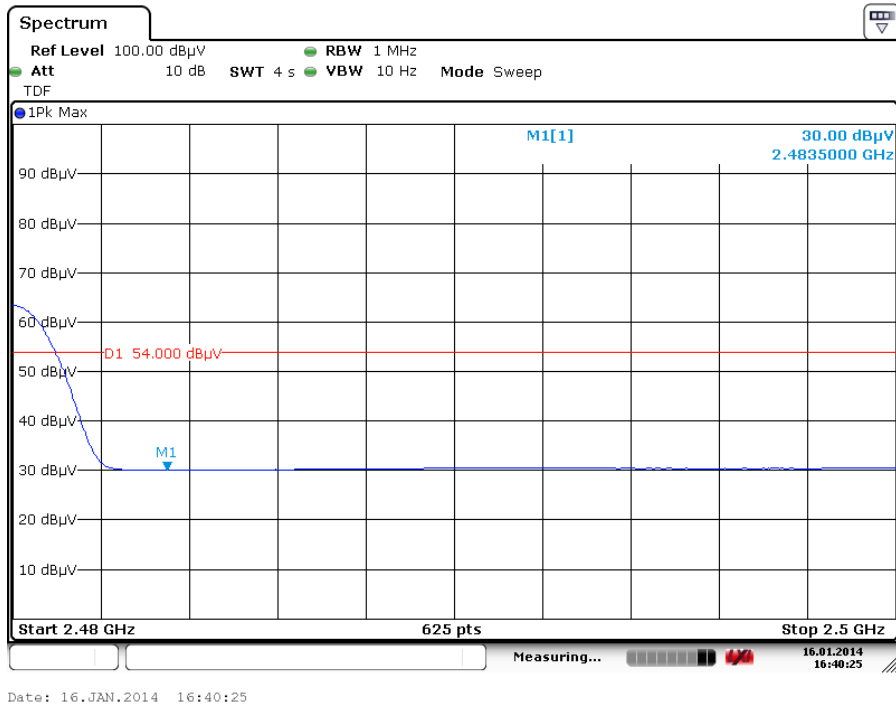
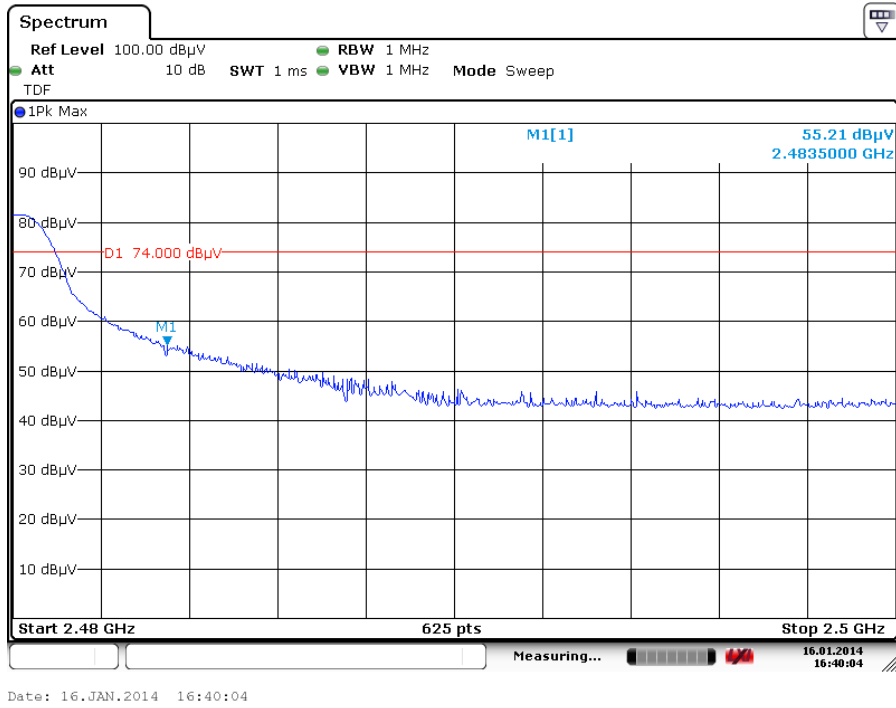
Date: 16.JAN.2014 16:43:56



Date: 16.JAN.2014 16:44:16

Spurious Emissions, Band Edge, 2.35-2.5G

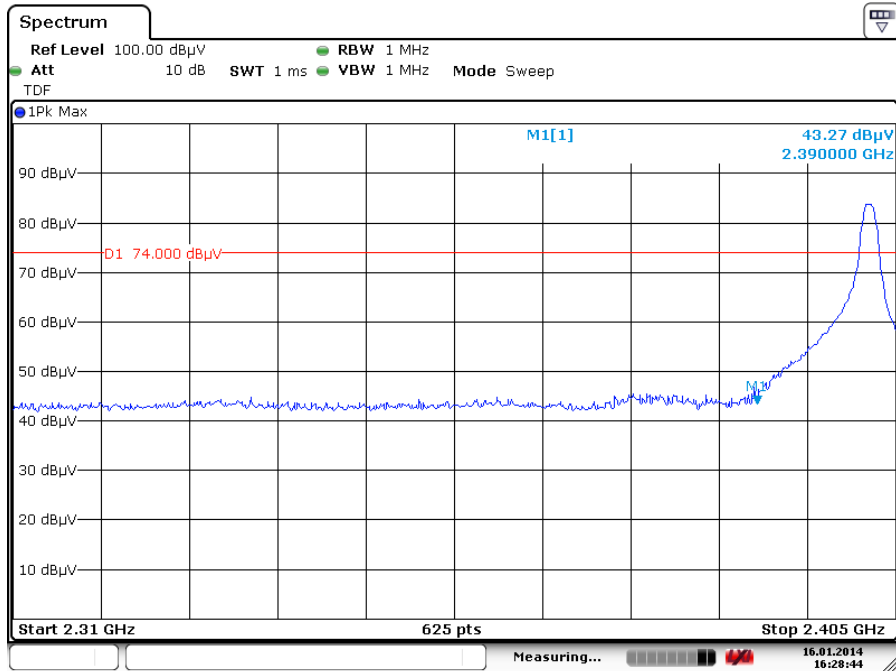
High Channel (Ver)



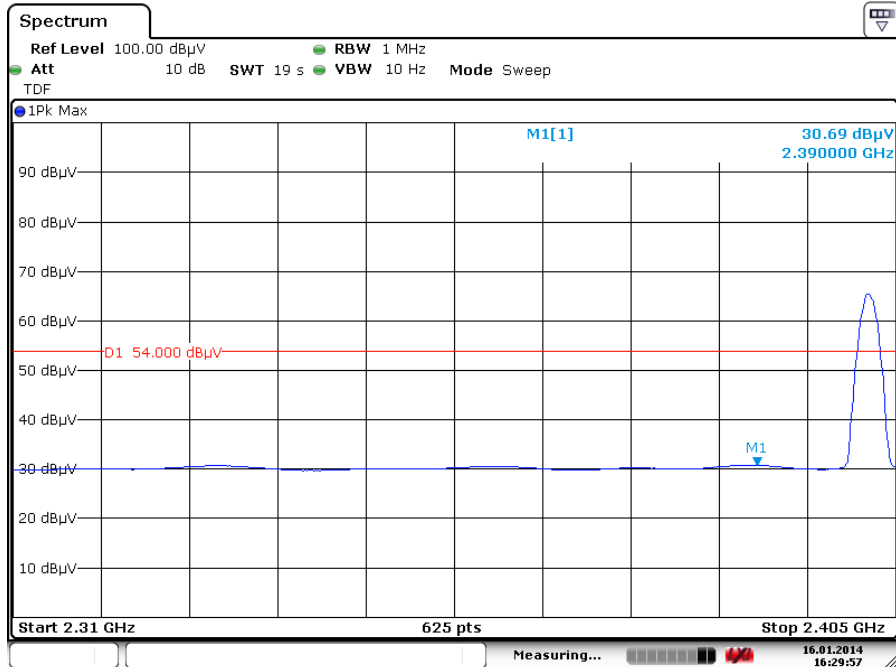
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (8DPSK)

Low Channel (Hor)



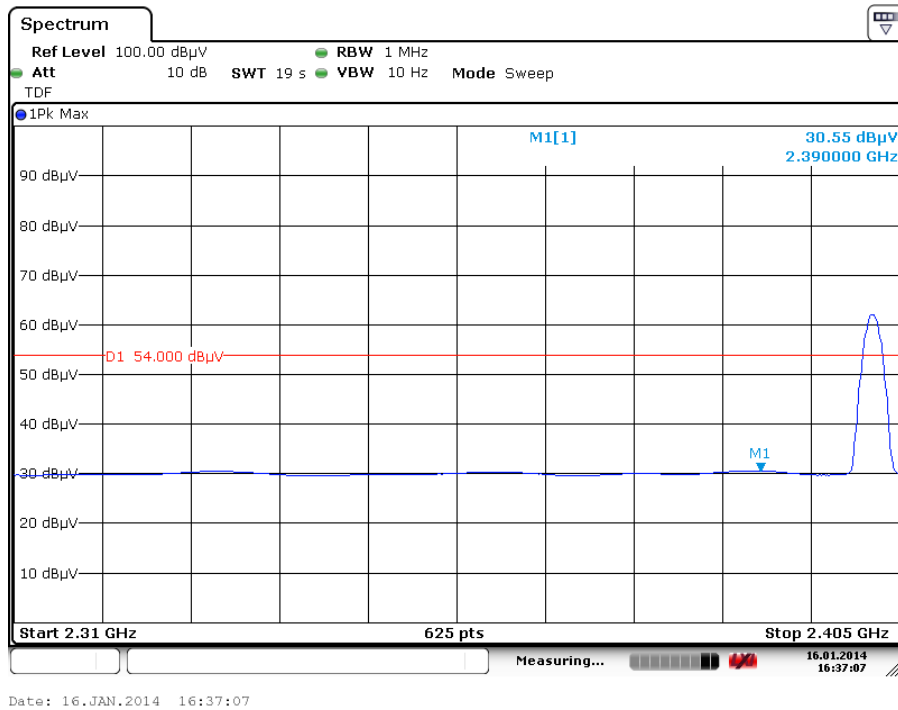
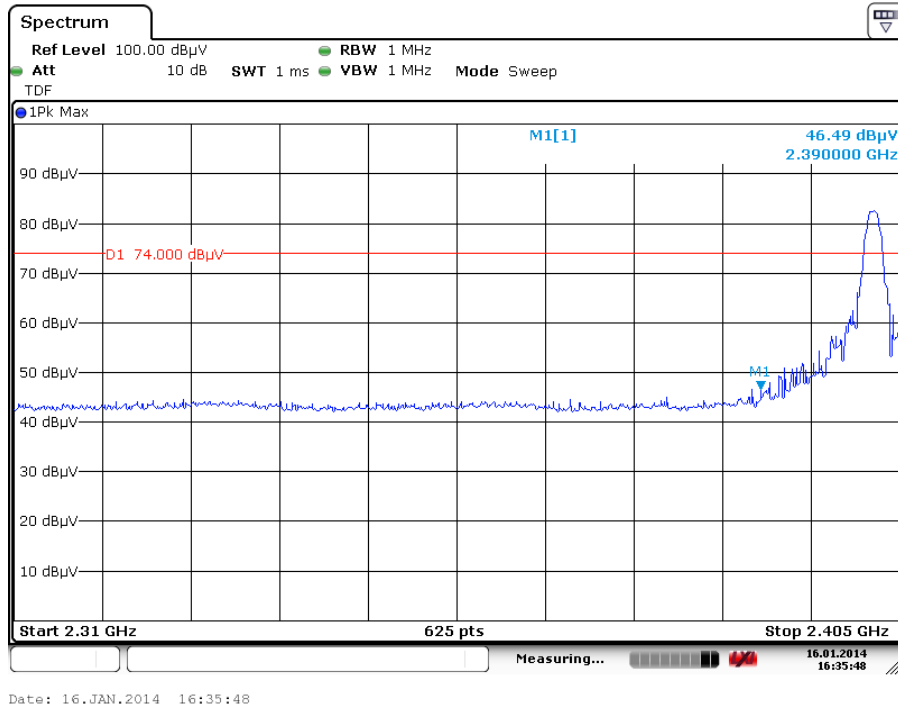
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Spurious Emissions, Band Edge, 2.35-2.5G

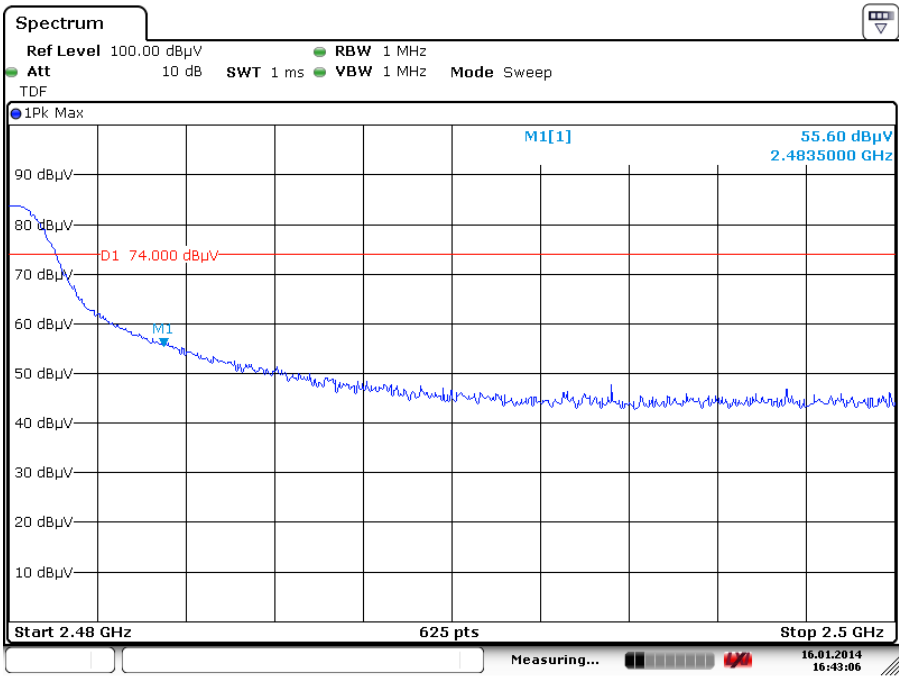
Low Channel (Ver)



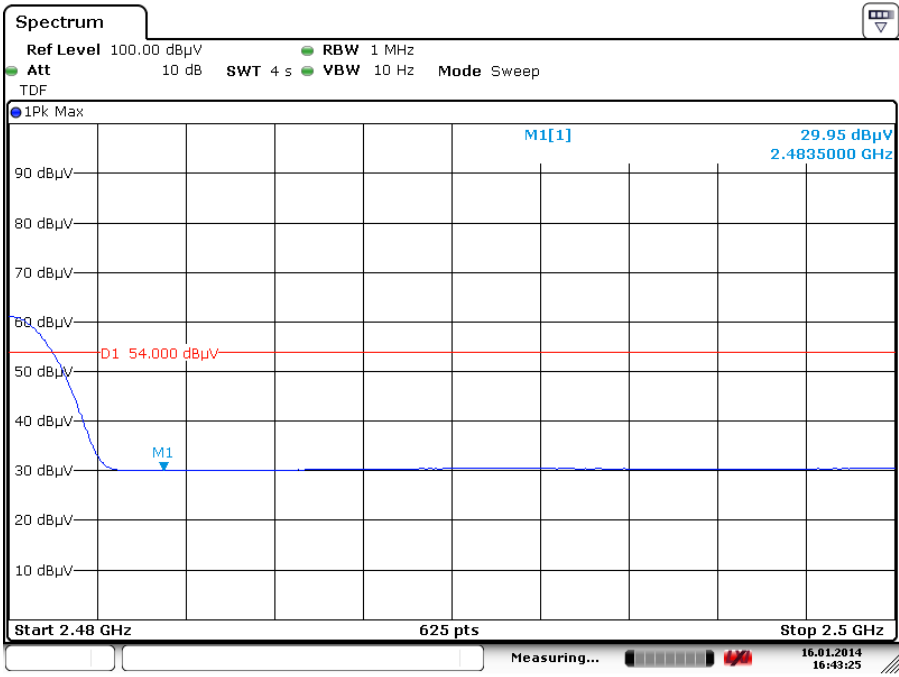
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (8DPSK)

High Channel (Hor)



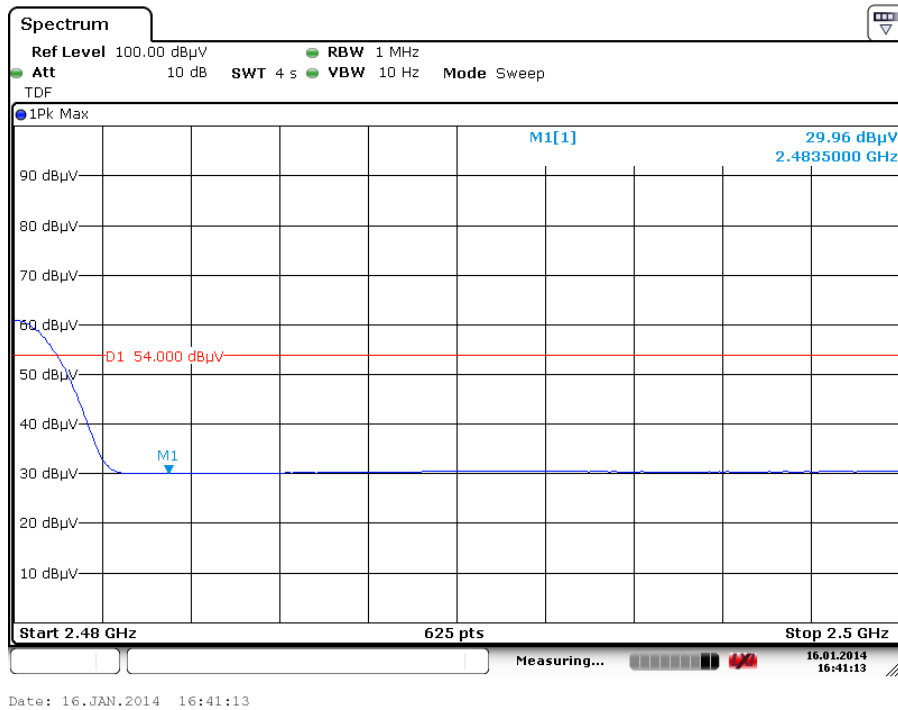
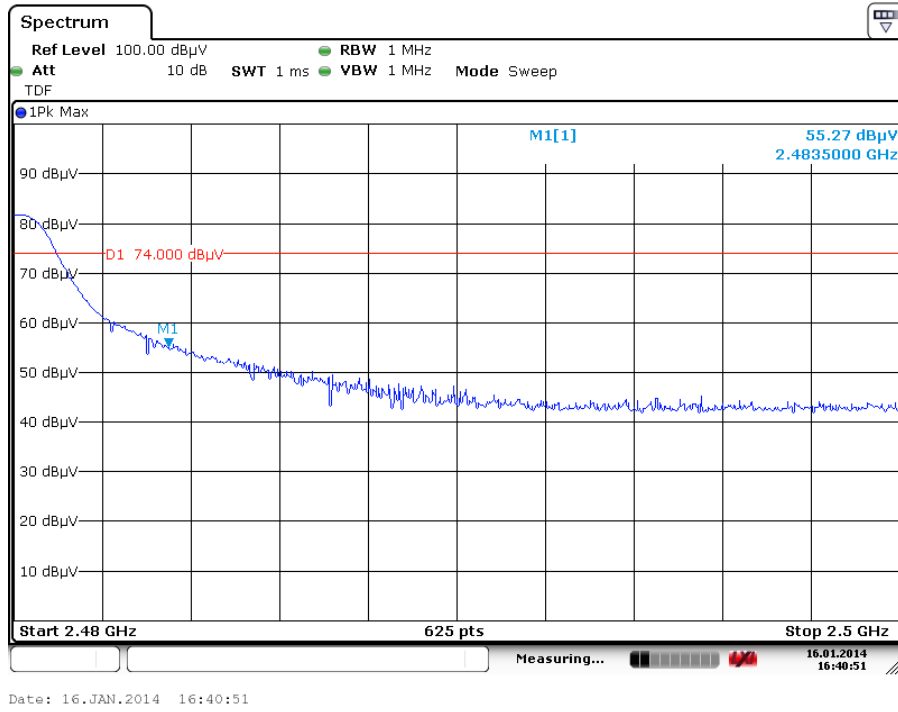
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Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)

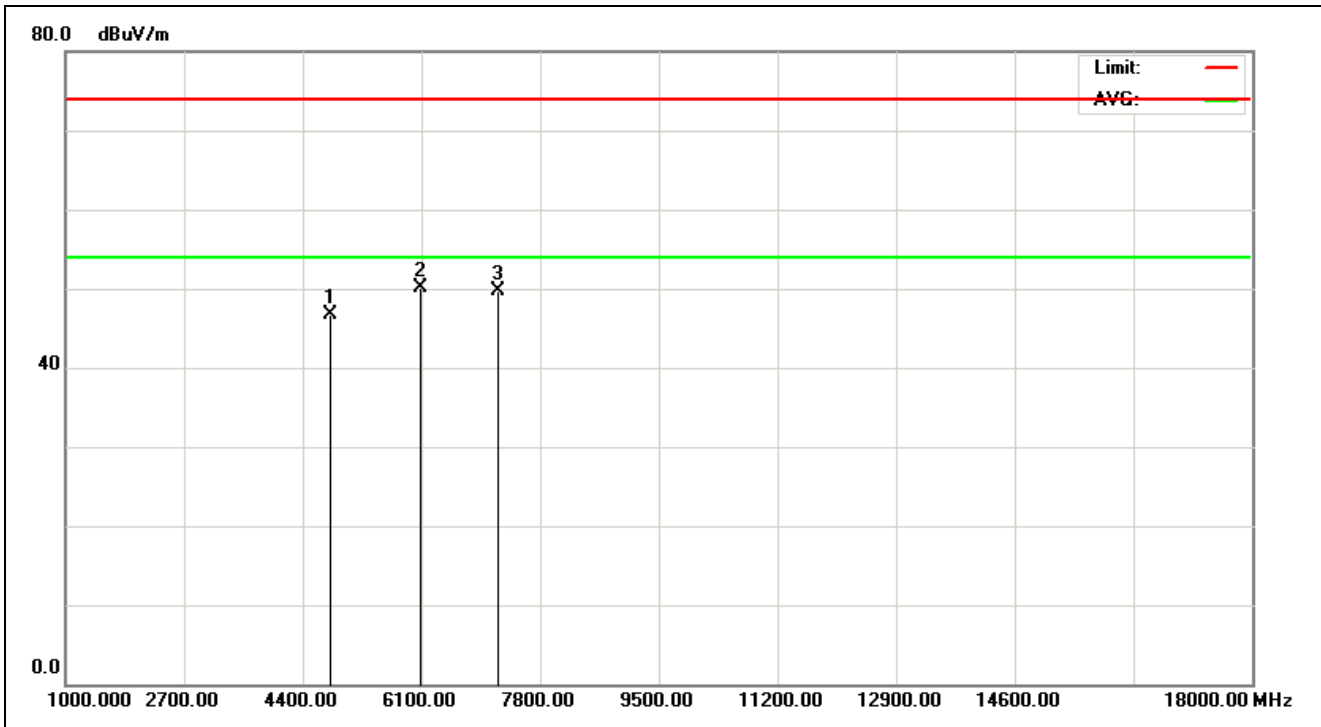


Spurious Emissions, Band Edge, 2.35-2.5G

Spurious Emissions, TX Mode, 1-18G

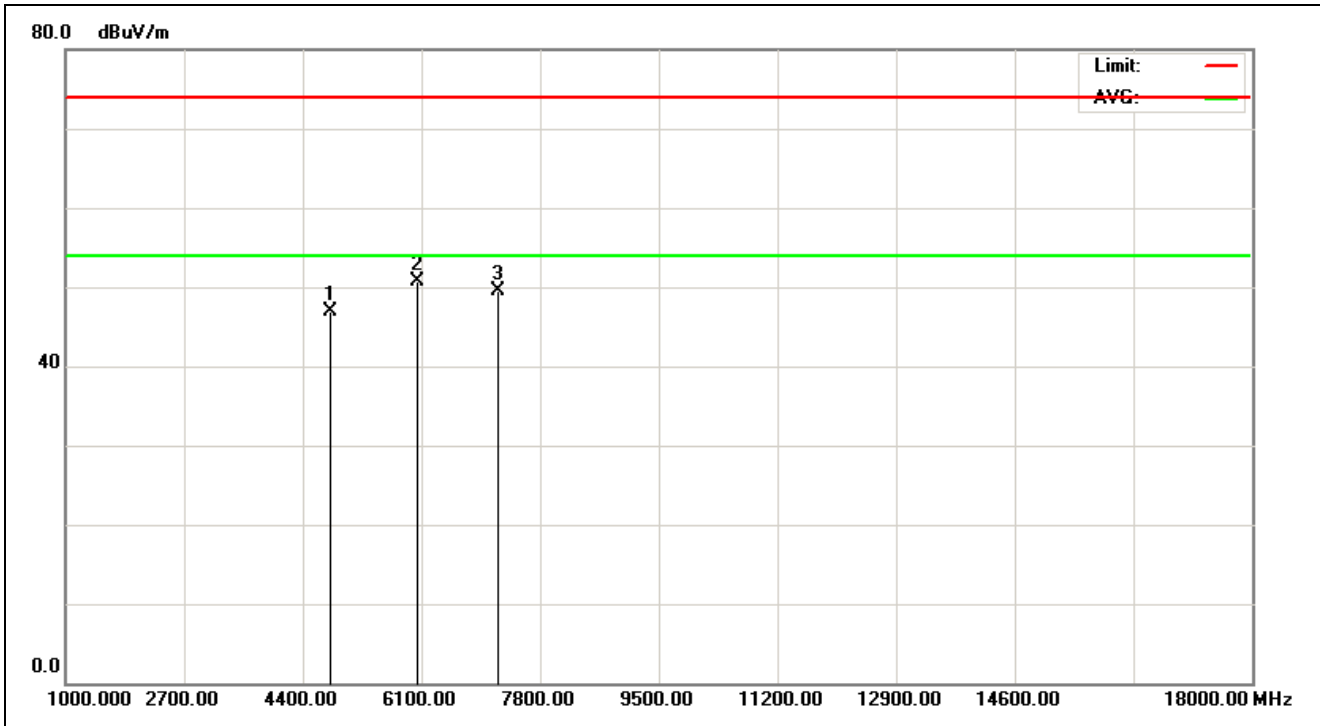


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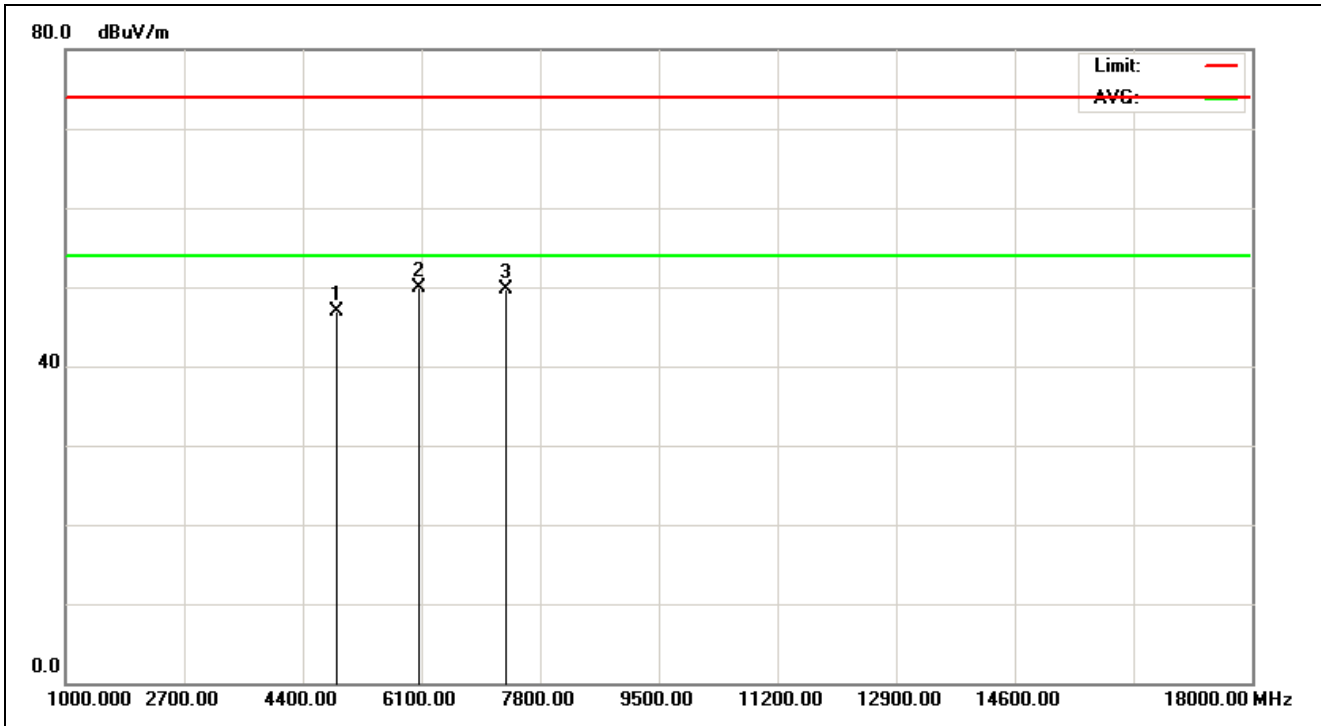
| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 16:56:11 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2402 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4804.000 | -2.59 | 49.33 | 46.74 | 74.00 | -27.26 | peak | | | |
| 2 | 6094.551 | 4.05 | 45.97 | 50.02 | 74.00 | -23.98 | peak | 100 | 229 | |
| 3 | 7206.000 | 5.44 | 44.25 | 49.69 | 74.00 | -24.31 | peak | | | |



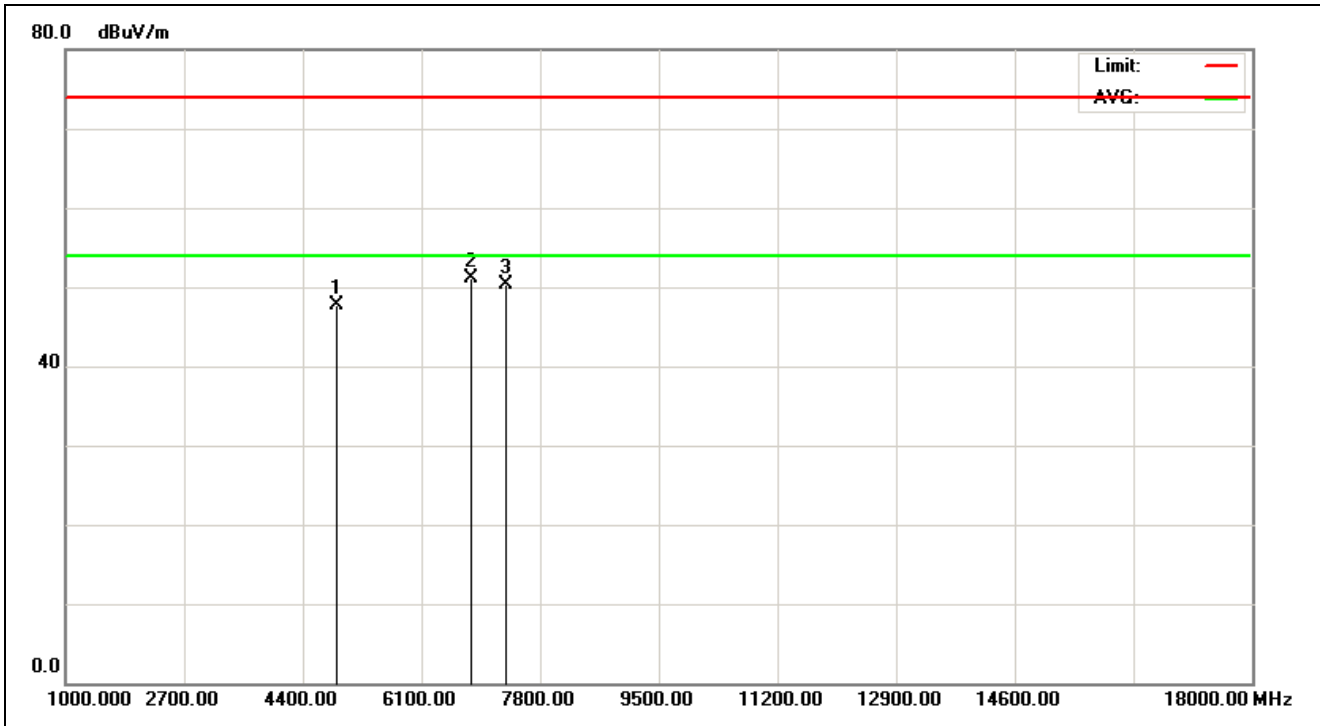
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 16:57:13 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2402 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4804.000 | -2.59 | 49.59 | 47.00 | 74.00 | -27.00 | peak | | | |
| 2 | 6040.064 | 3.85 | 46.89 | 50.74 | 74.00 | -23.26 | peak | 100 | 152 | |
| 3 | 7206.000 | 5.44 | 44.01 | 49.45 | 74.00 | -24.55 | peak | | | |



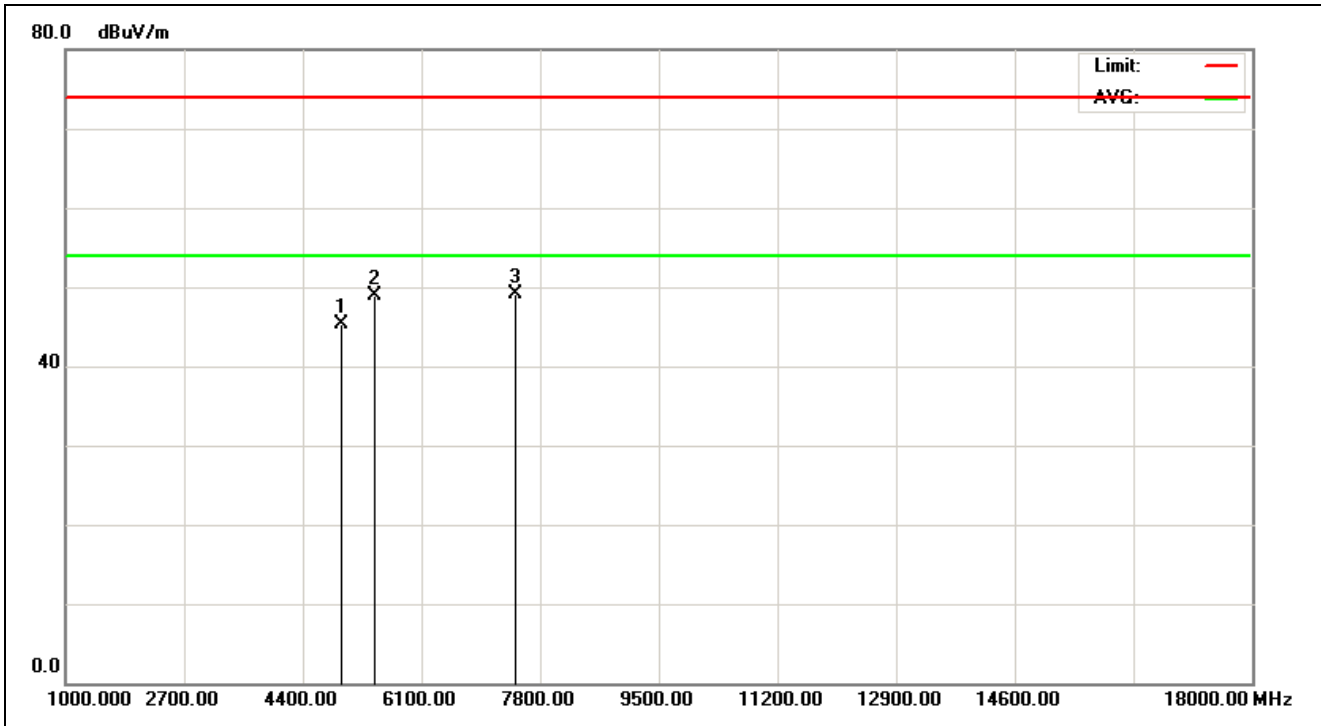
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| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 16:59:03 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2441 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4882.000 | -2.39 | 49.35 | 46.96 | 74.00 | -27.04 | peak | | | |
| 2 | 6067.308 | 3.94 | 45.89 | 49.83 | 74.00 | -24.17 | peak | 100 | 83 | |
| 3 | 7323.000 | 5.76 | 43.98 | 49.74 | 74.00 | -24.26 | peak | | | |



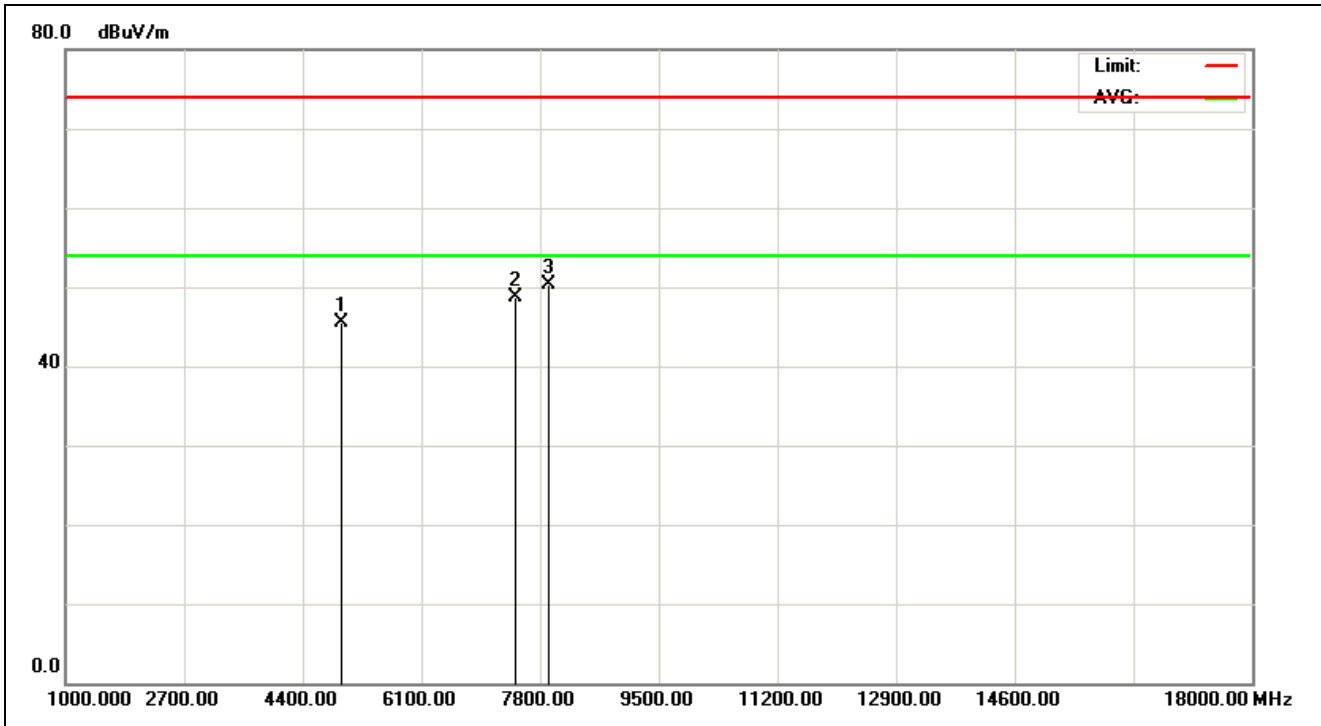
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:00:06 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2441 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4882.000 | -2.39 | 50.06 | 47.67 | 74.00 | -26.33 | peak | | | |
| 2 | 6802.885 | 5.10 | 45.96 | 51.06 | 74.00 | -22.94 | peak | 100 | 322 | |
| 3 | 7323.000 | 5.76 | 44.48 | 50.24 | 74.00 | -23.76 | peak | | | |



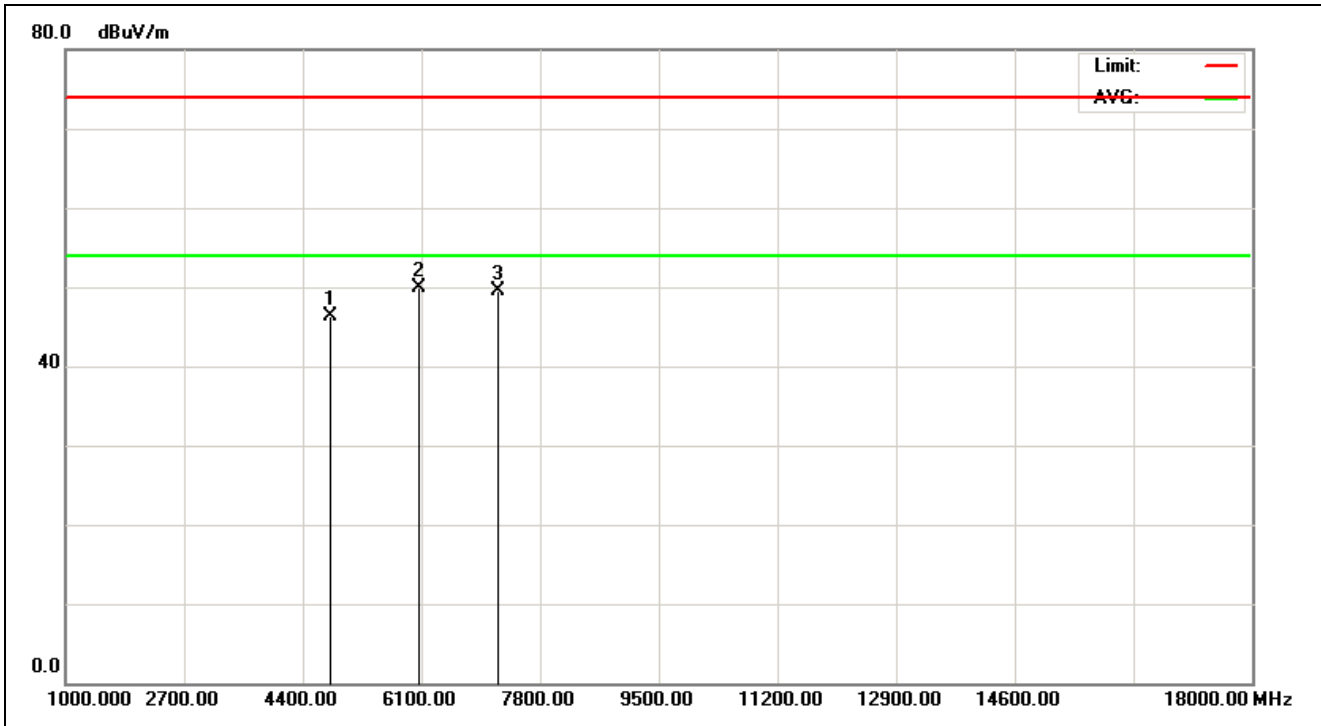
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:02:17 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2480 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4960.000 | -2.19 | 47.54 | 45.35 | 74.00 | -28.65 | peak | | | |
| 2 | 5440.705 | 0.06 | 48.80 | 48.86 | 74.00 | -25.14 | peak | 100 | 37 | |
| 3 | 7440.000 | 6.09 | 43.07 | 49.16 | 74.00 | -24.84 | peak | | | |



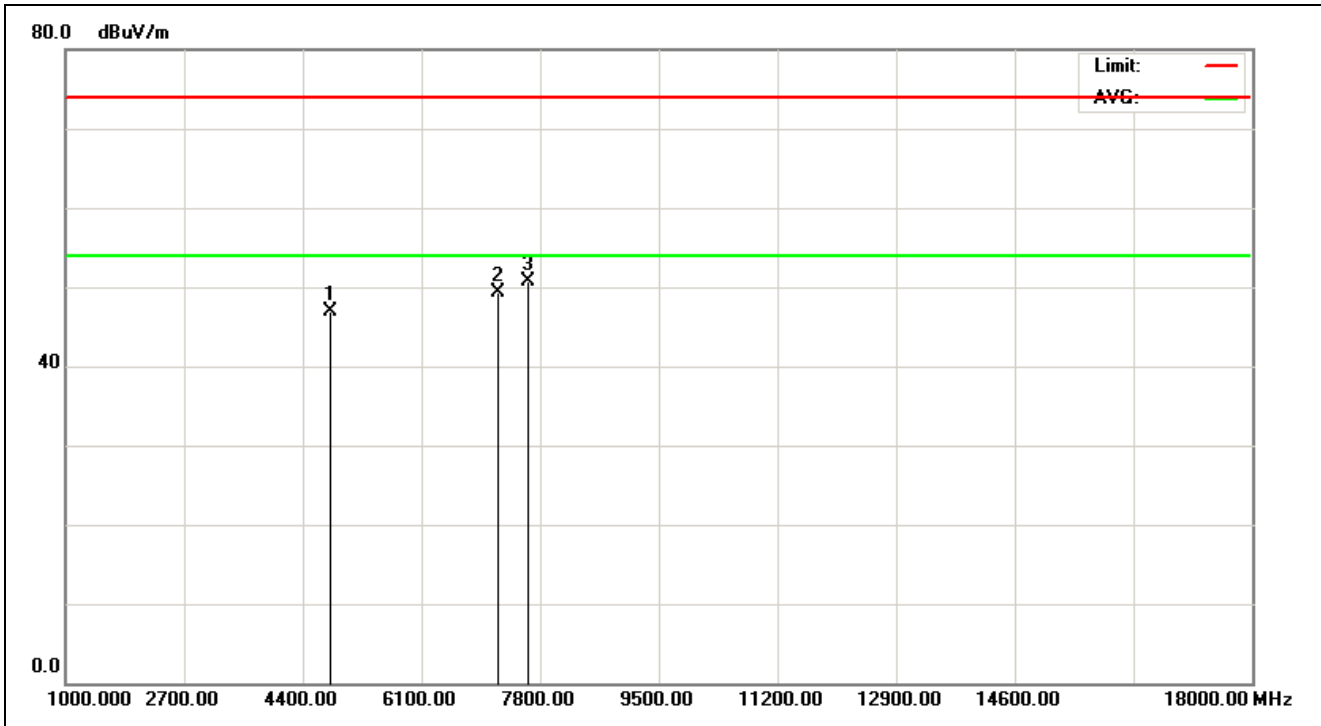
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:03:19 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2480 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4960.000 | -2.19 | 47.74 | 45.55 | 74.00 | -28.45 | peak | | | |
| 2 | 7440.000 | 6.09 | 42.70 | 48.79 | 74.00 | -25.21 | peak | | | |
| 3 | 7919.872 | 6.05 | 44.18 | 50.23 | 74.00 | -23.77 | peak | 100 | 27 | |



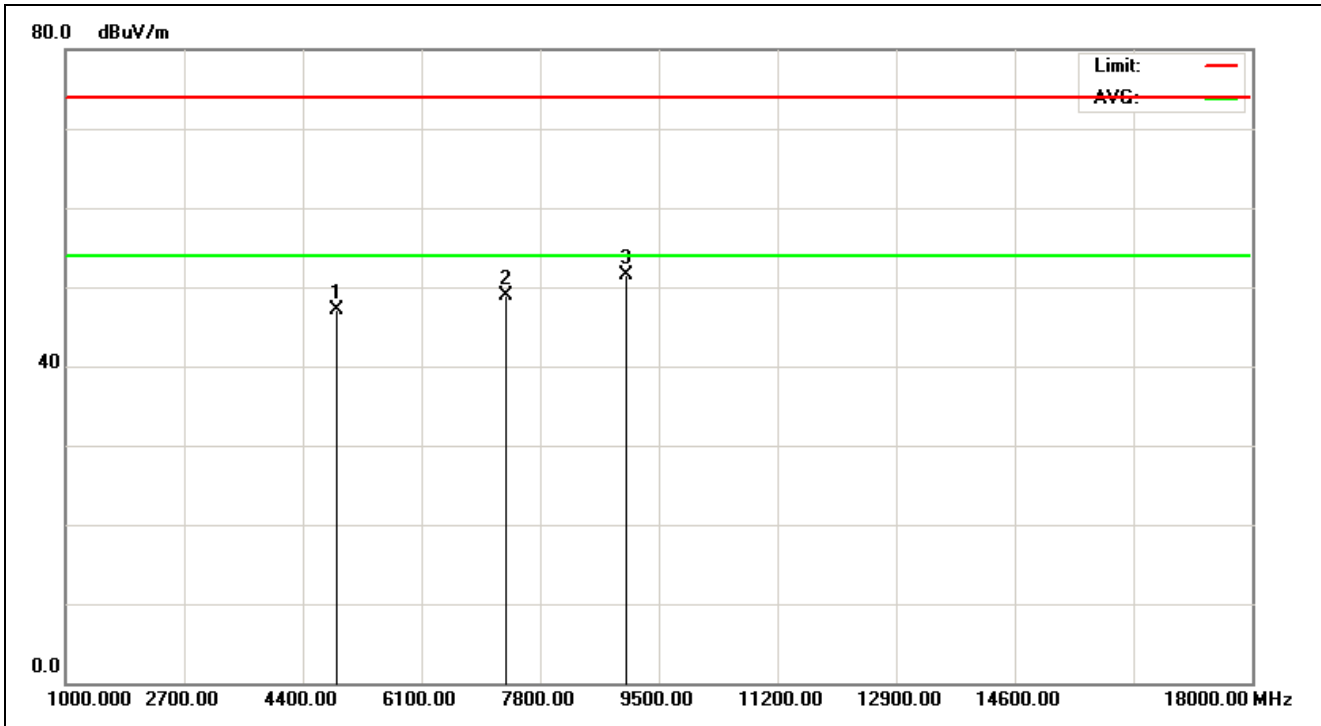
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:05:30 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2402 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4804.000 | -2.59 | 48.99 | 46.40 | 74.00 | -27.60 | peak | | | |
| 2 | 6067.308 | 3.94 | 45.90 | 49.84 | 74.00 | -24.16 | peak | 100 | 328 | |
| 3 | 7206.000 | 5.44 | 44.09 | 49.53 | 74.00 | -24.47 | peak | | | |



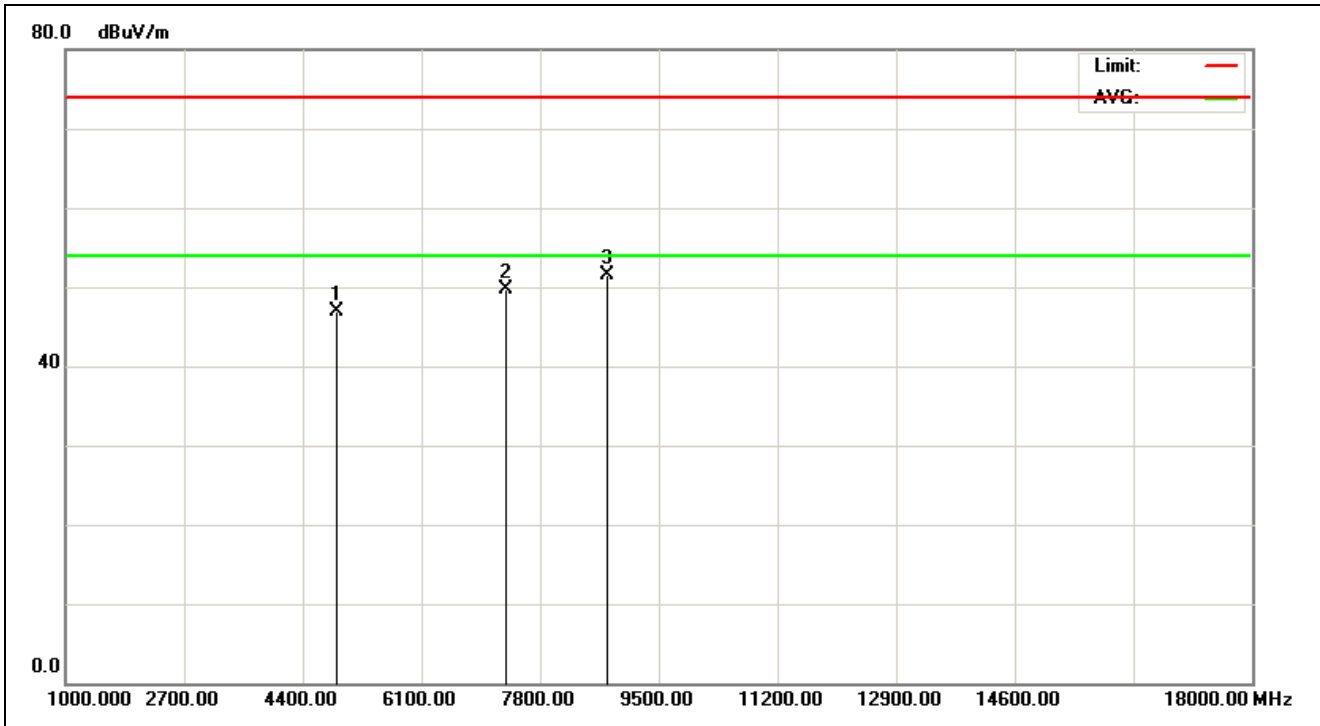
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:06:33 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2402 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4804.000 | -2.59 | 49.44 | 46.85 | 74.00 | -27.15 | peak | | | |
| 2 | 7206.000 | 5.44 | 43.85 | 49.29 | 74.00 | -24.71 | peak | | | |
| 3 | 7620.192 | 6.20 | 44.53 | 50.73 | 74.00 | -23.27 | peak | 100 | 59 | |



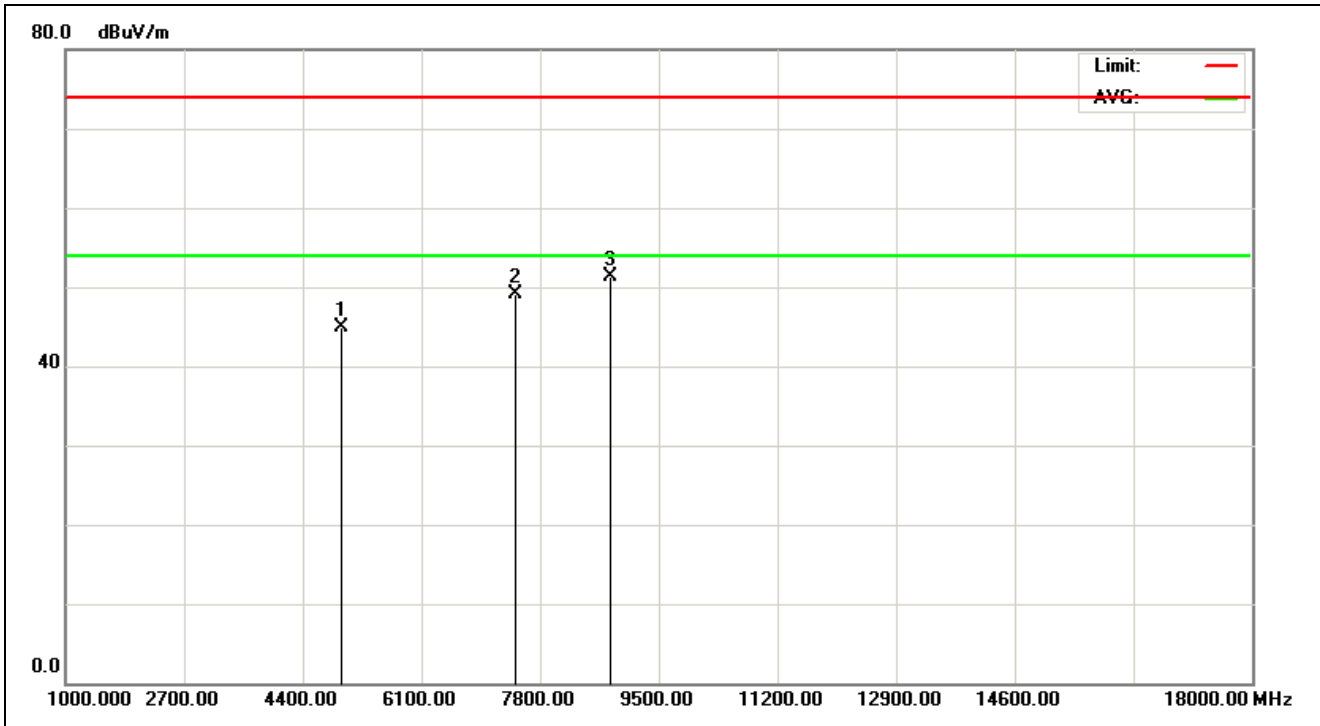
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:09:29 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2441 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4882.000 | -2.39 | 49.56 | 47.17 | 74.00 | -26.83 | peak | | | |
| 2 | 7323.000 | 5.76 | 43.17 | 48.93 | 74.00 | -25.07 | peak | | | |
| 3 | 9036.859 | 6.85 | 44.59 | 51.44 | 74.00 | -22.56 | peak | 100 | 202 | |



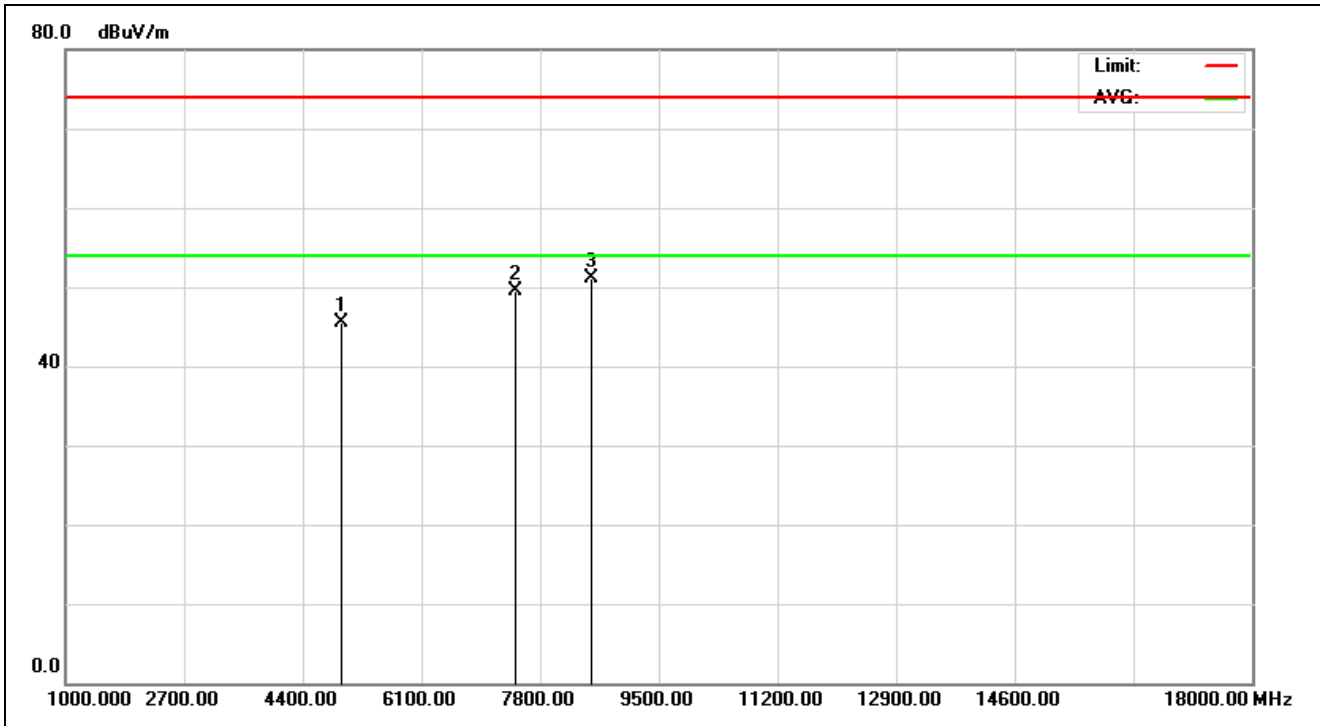
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:10:32 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2441 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4882.000 | -2.39 | 49.24 | 46.85 | 74.00 | -27.15 | peak | | | |
| 2 | 7323.000 | 5.76 | 44.00 | 49.76 | 74.00 | -24.24 | peak | | | |
| 3 | 8764.423 | 6.67 | 44.76 | 51.43 | 74.00 | -22.57 | peak | 100 | 155 | |



| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:12:32 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2480 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4960.000 | -2.19 | 47.03 | 44.84 | 74.00 | -29.16 | peak | | | |
| 2 | 7440.000 | 6.09 | 43.04 | 49.13 | 74.00 | -24.87 | peak | | | |
| 3 | 8818.910 | 6.72 | 44.66 | 51.38 | 74.00 | -22.62 | peak | 100 | 16 | |



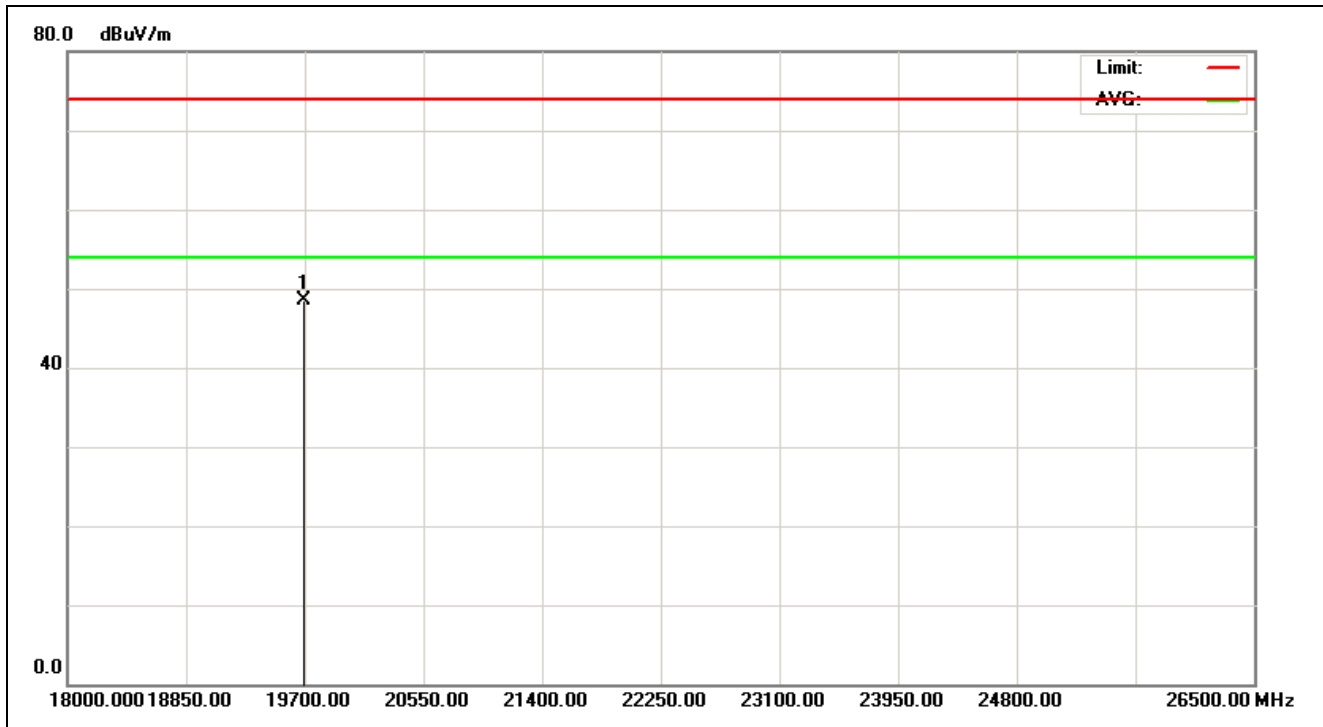
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/16 17:13:34 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/53% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2480 | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 4960.000 | -2.19 | 47.73 | 45.54 | 74.00 | -28.46 | peak | | | |
| 2 | 7440.000 | 6.09 | 43.39 | 49.48 | 74.00 | -24.52 | peak | | | |
| 3 | 8546.474 | 6.48 | 44.55 | 51.03 | 74.00 | -22.97 | peak | 100 | 306 | |

Spurious Emissions, TX Mode, 18-26G

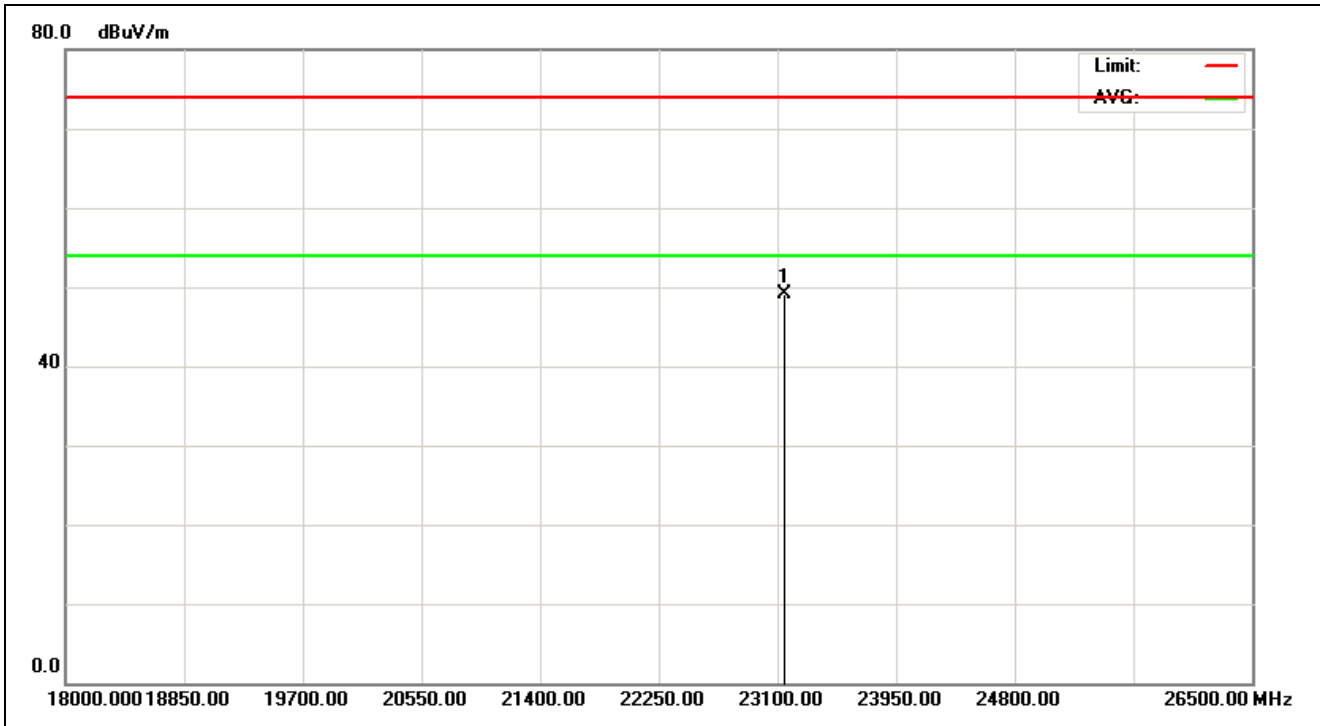


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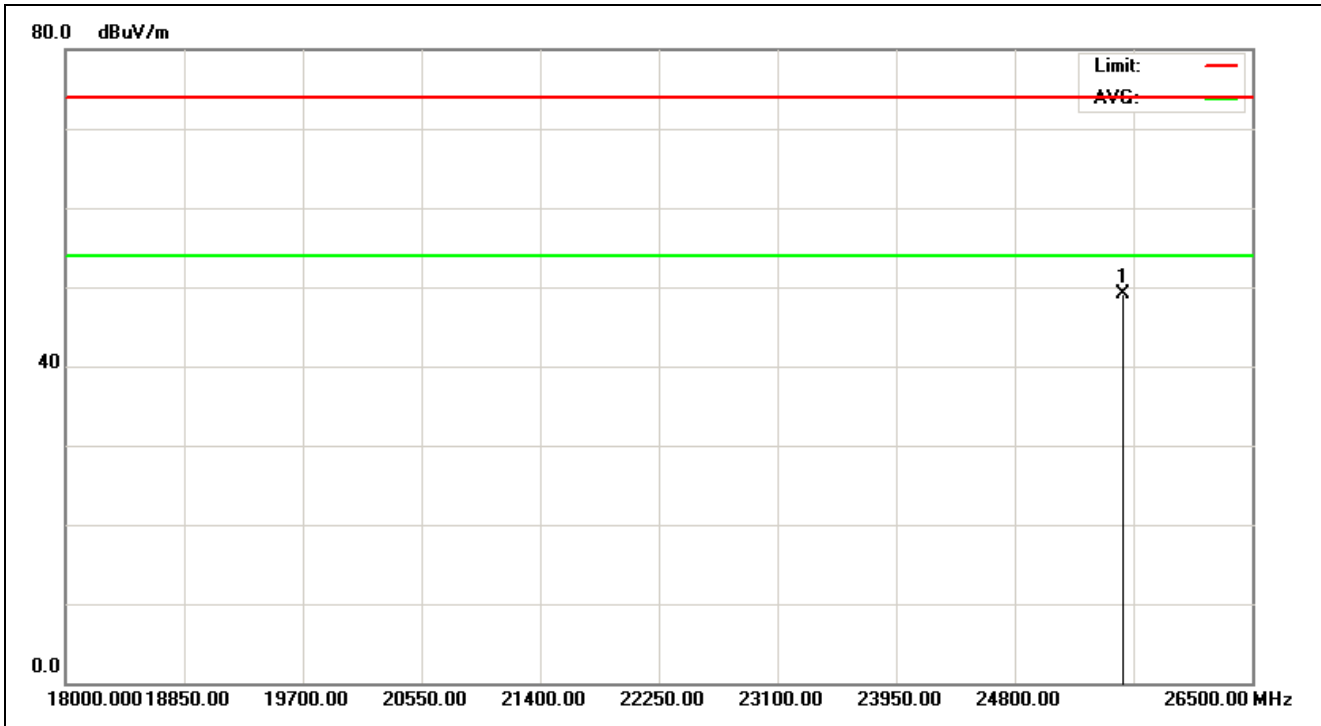
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:27:31 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2402-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 19689.103 | 29.05 | 19.54 | 48.59 | 74.00 | -25.41 | peak | | | |



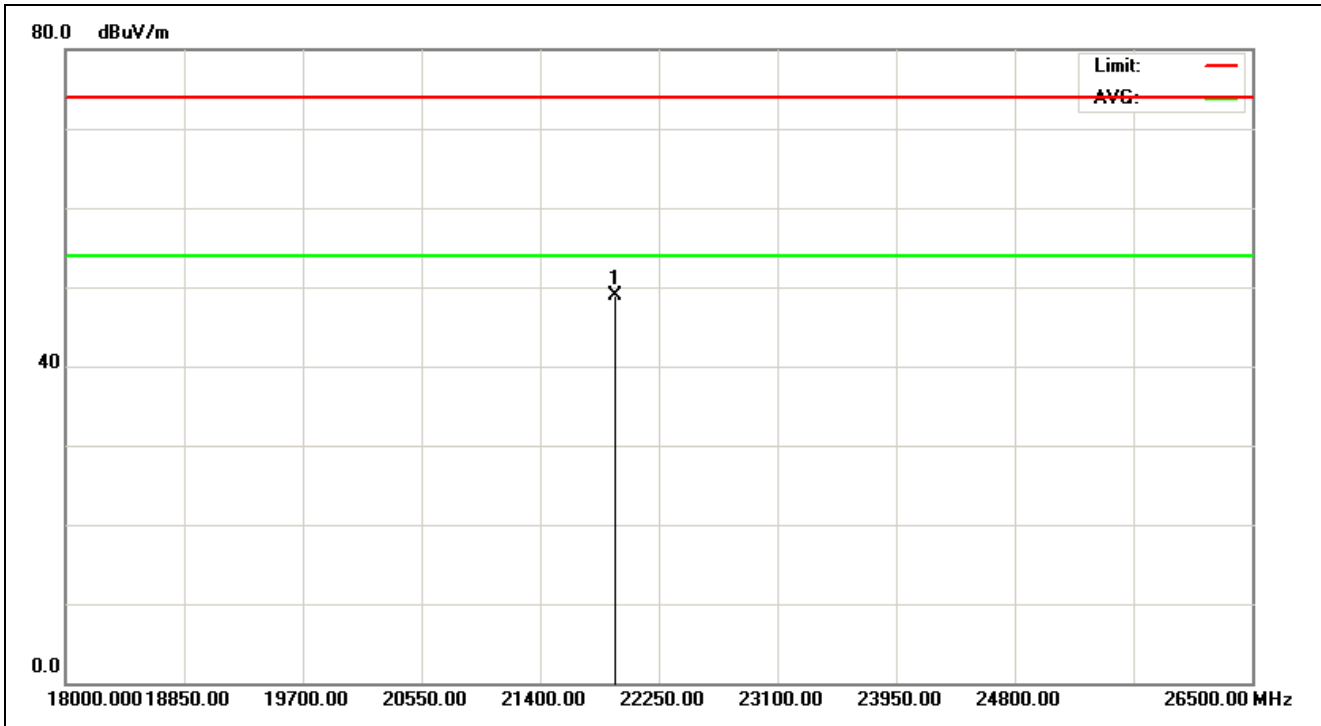
| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:28:05 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2402-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23149.039 | 30.23 | 18.85 | 49.08 | 74.00 | -24.92 | peak | | | |



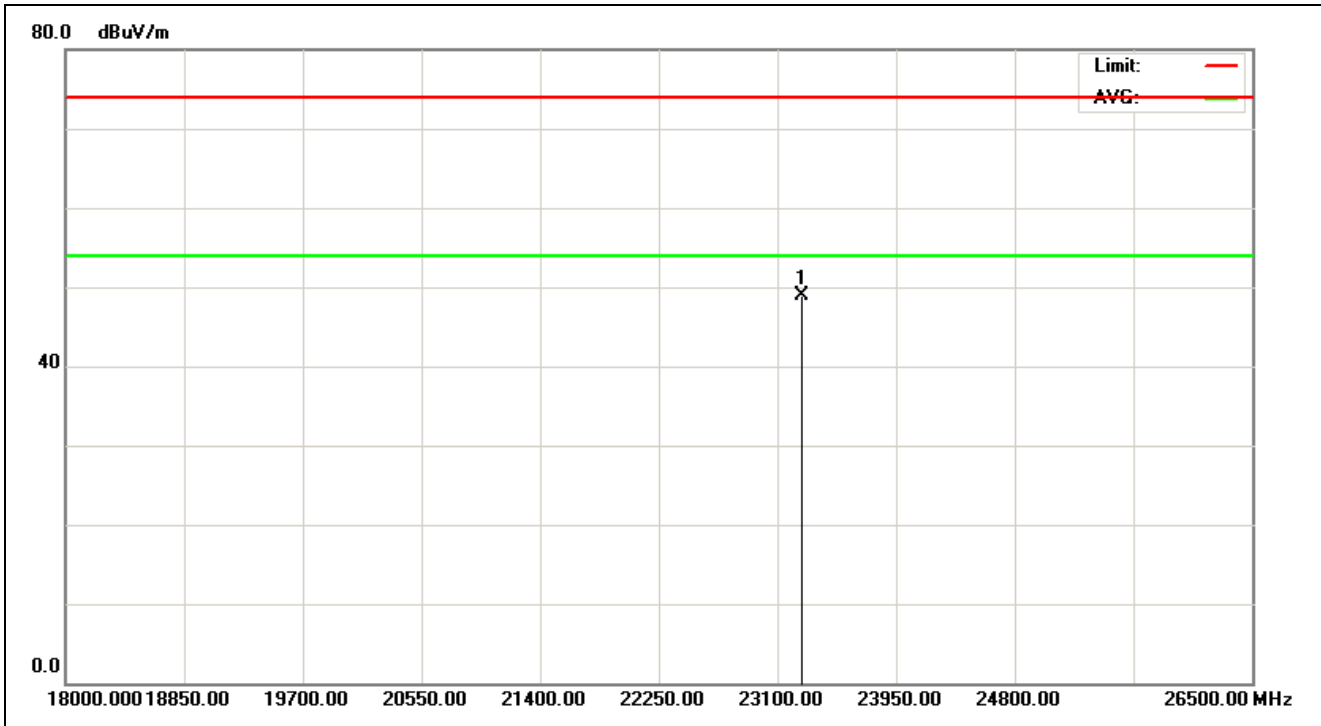
| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:28:35 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2441-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 25573.718 | 31.01 | 18.00 | 49.01 | 74.00 | -24.99 | peak | | | |



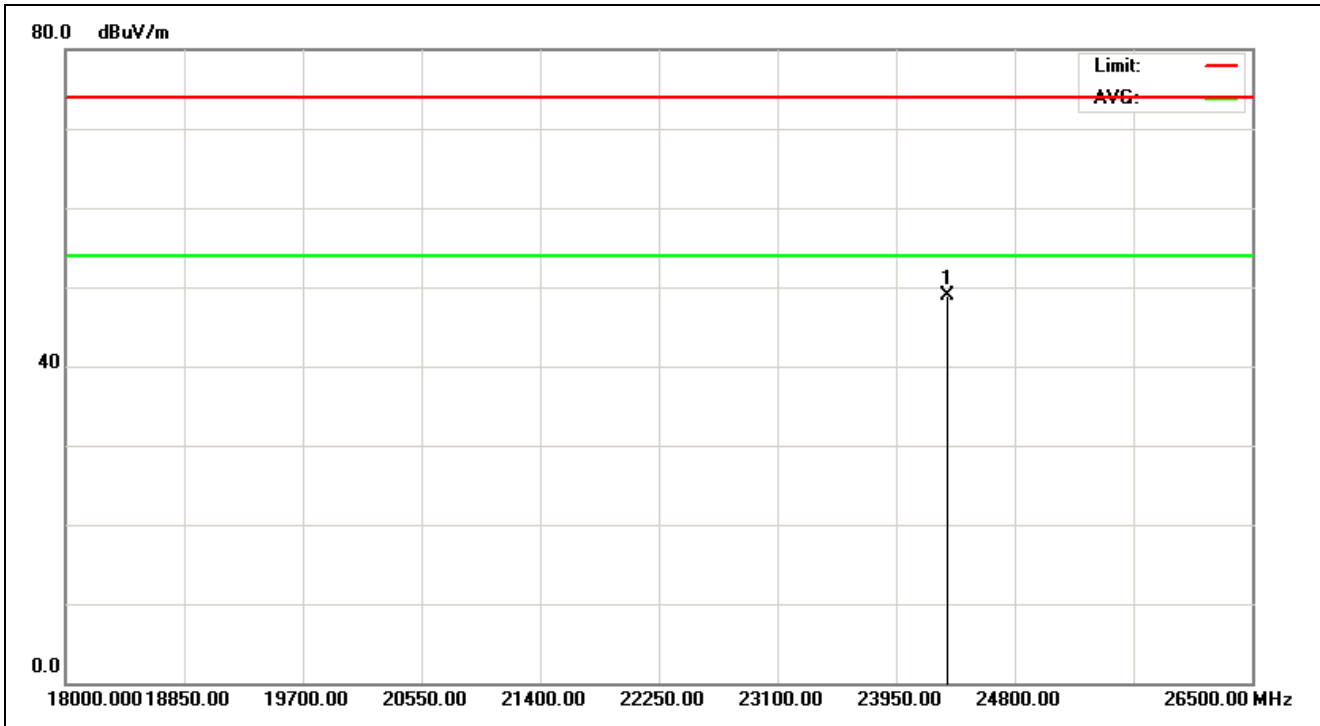
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:29:03 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2441-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 21936.699 | 29.40 | 19.42 | 48.82 | 74.00 | -25.18 | peak | | | |



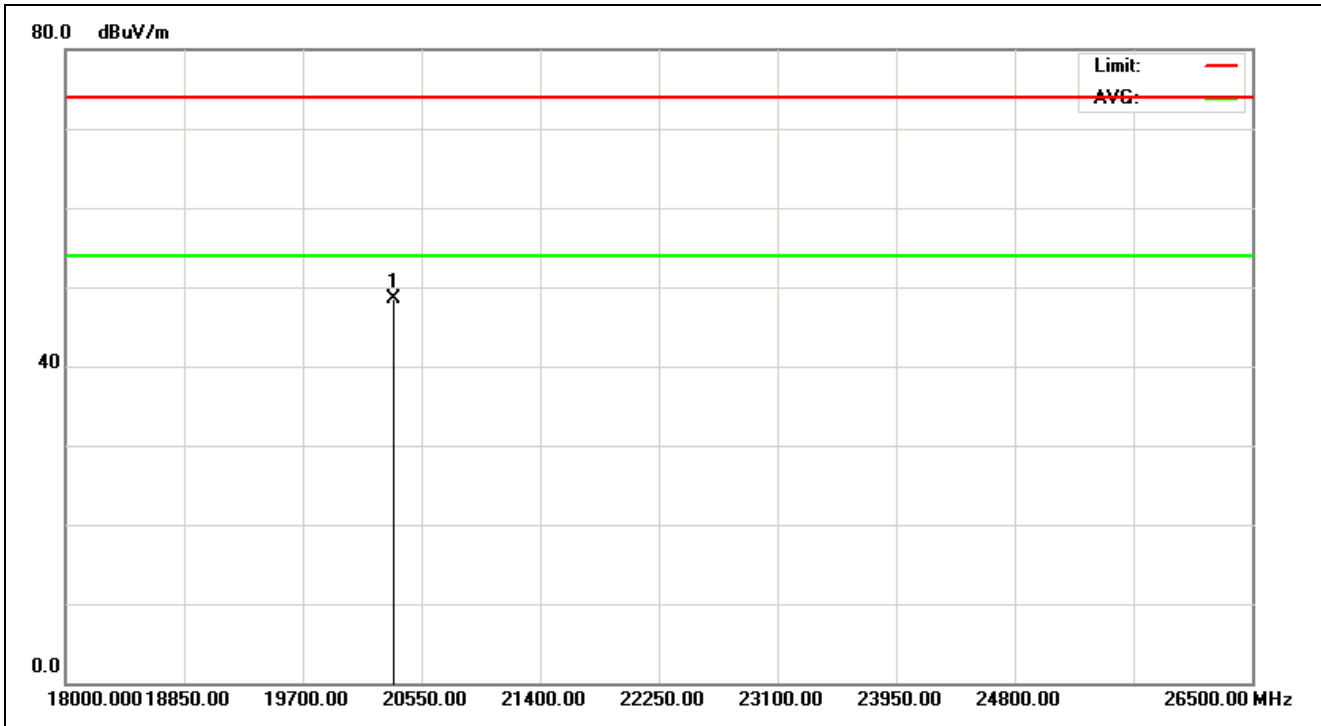
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:29:31 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2480-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23271.635 | 30.19 | 18.70 | 48.89 | 74.00 | -25.11 | peak | | | |



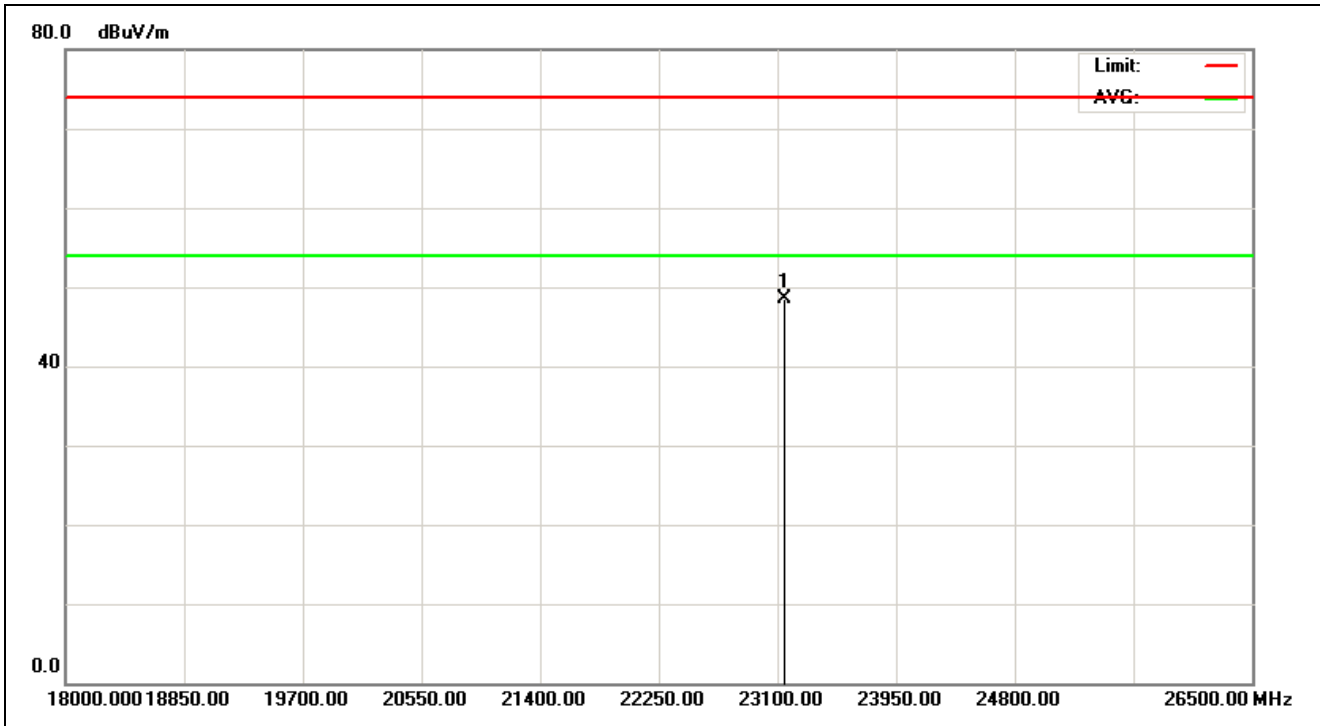
| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:29:56 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | BT-2480-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 24320.513 | 29.70 | 19.19 | 48.89 | 74.00 | -25.11 | peak | | | |



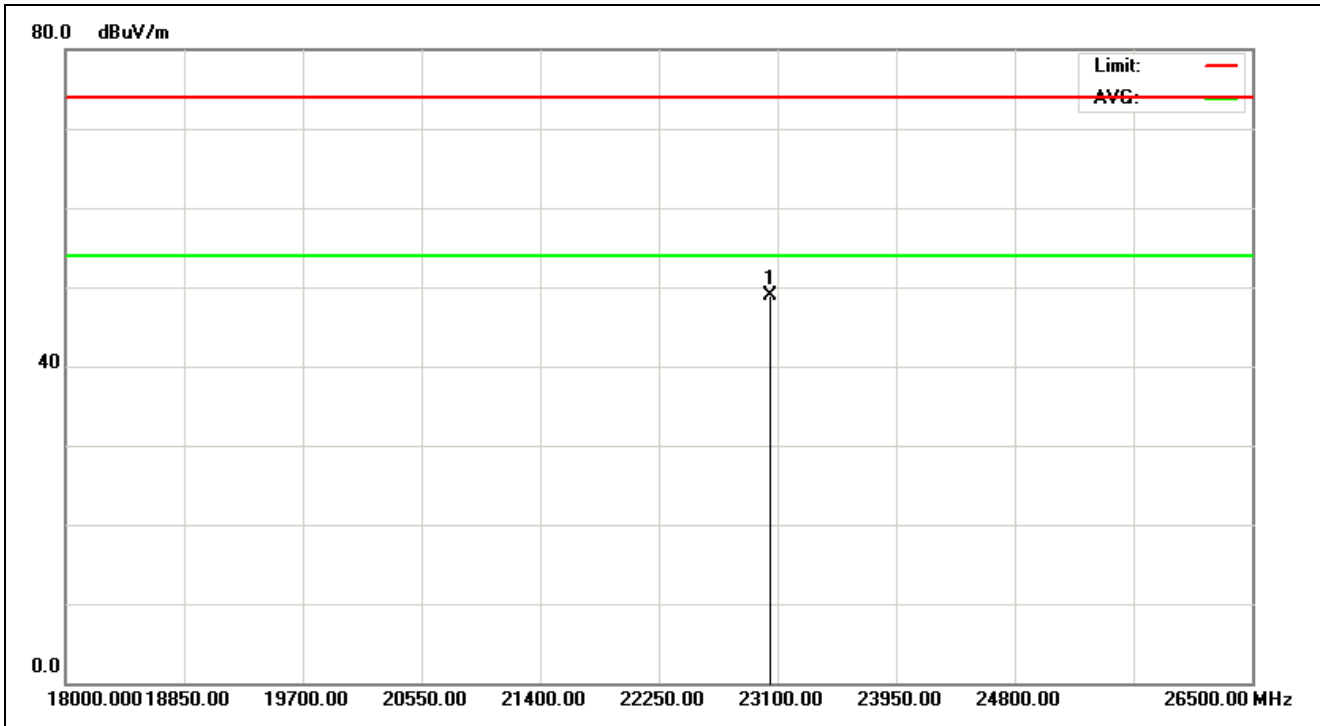
| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:30:24 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2402-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 20356.571 | 29.50 | 18.94 | 48.44 | 74.00 | -25.56 | peak | | | |



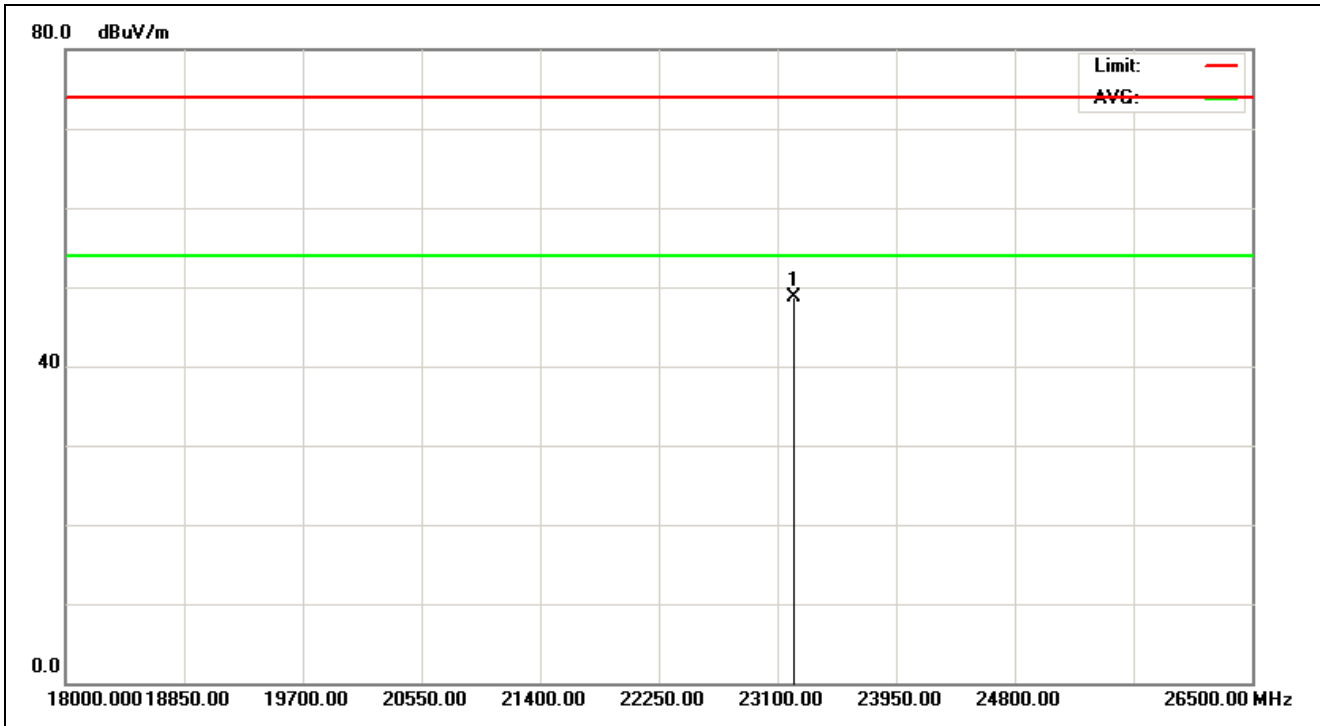
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:30:48 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2402-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23149.039 | 30.23 | 18.20 | 48.43 | 74.00 | -25.57 | peak | | | |



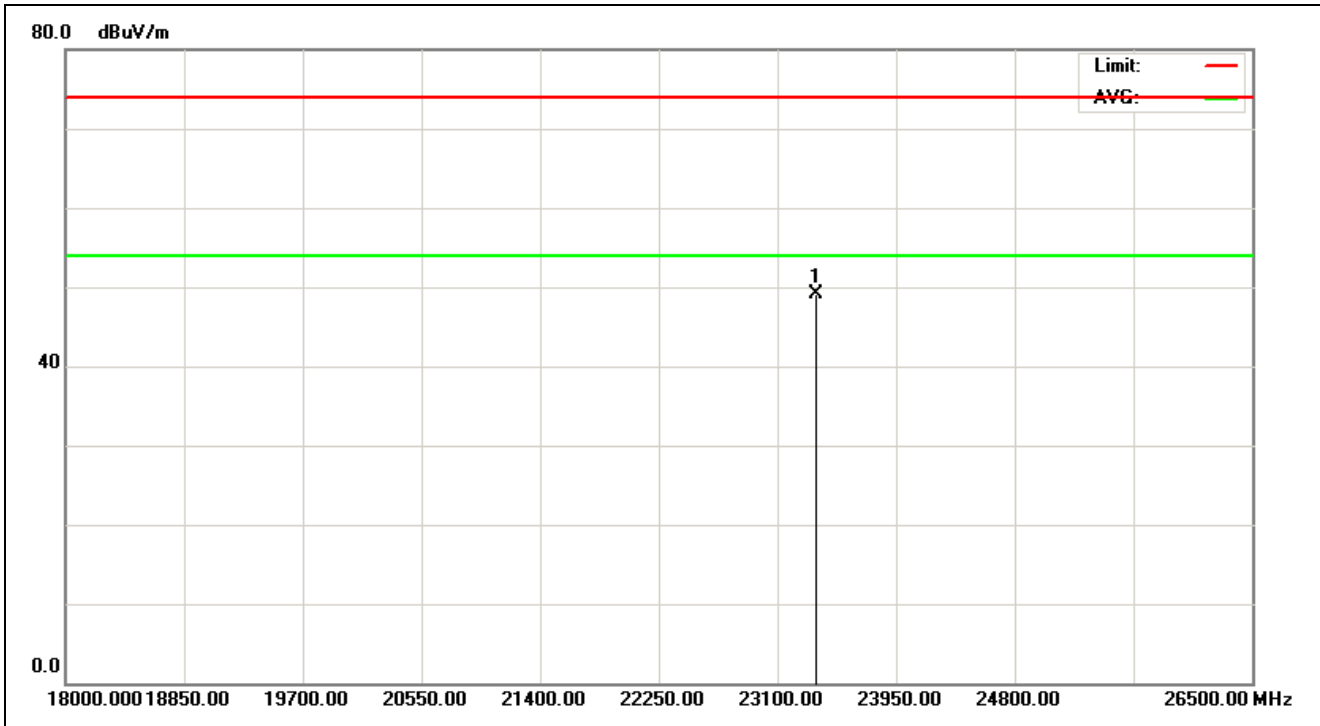
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:31:16 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2441-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23053.686 | 30.27 | 18.55 | 48.82 | 74.00 | -25.18 | peak | | | |



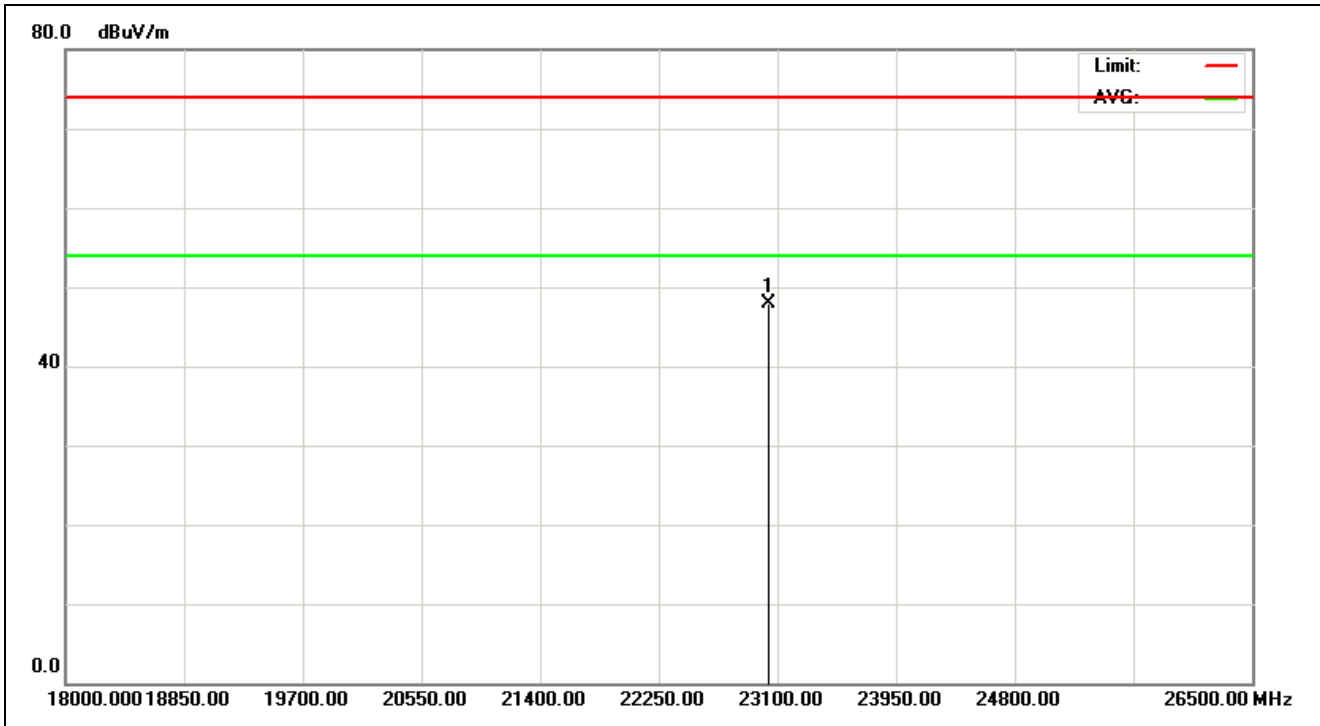
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|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:31:43 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2441-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23217.147 | 30.20 | 18.47 | 48.67 | 74.00 | -25.33 | peak | | | |



| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:32:09 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2480-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23380.609 | 30.15 | 19.00 | 49.15 | 74.00 | -24.85 | peak | | | |



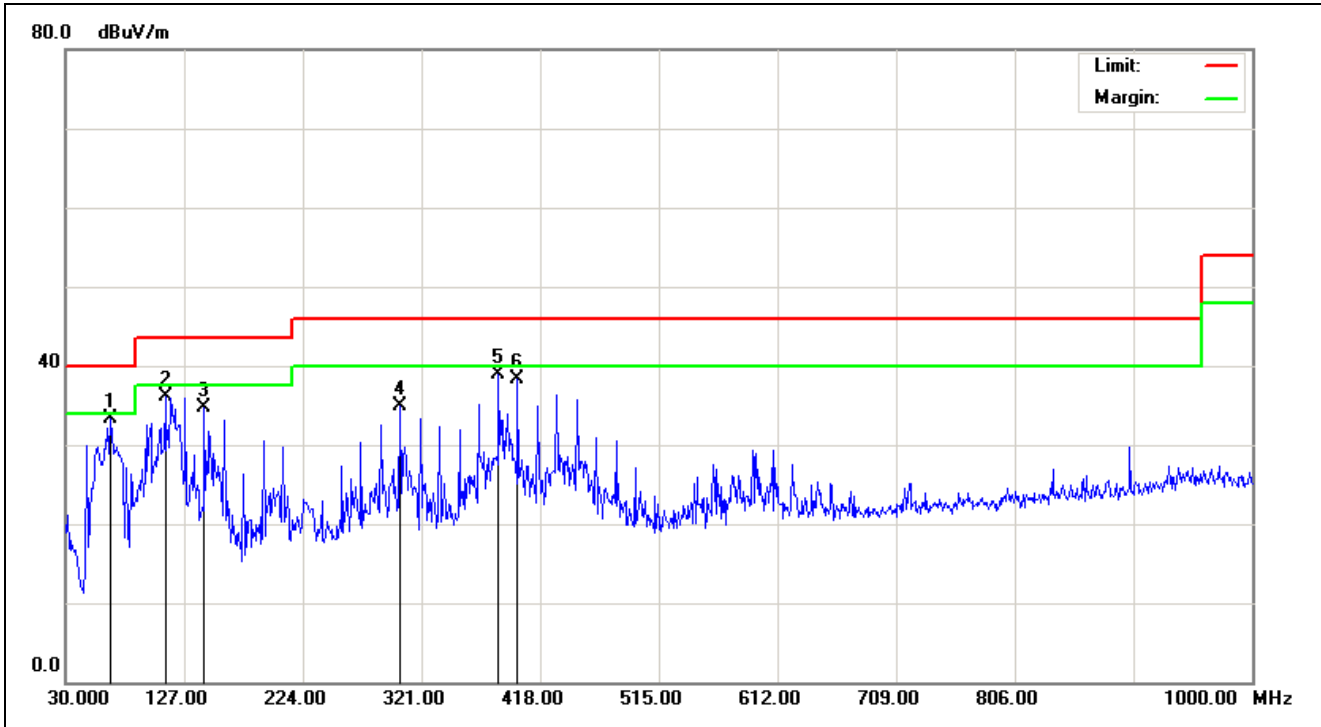
| | | | |
|-----------------------|---------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Above 1G PEAK | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 15:32:36 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | EDR-2480-TX | | |
| Remark: | | | |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 23040.064 | 30.27 | 17.61 | 47.88 | 74.00 | -26.12 | peak | | | |

Spurious Emissions, TX Mode, 30M-1G

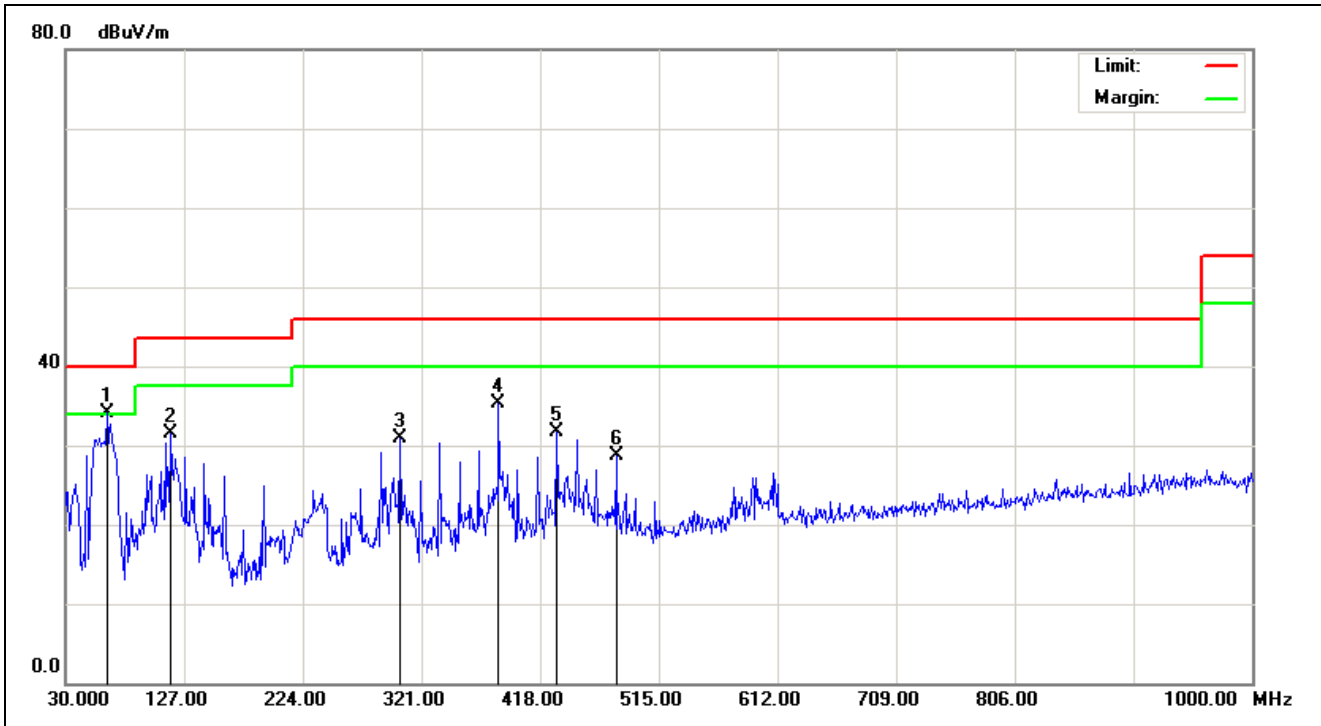


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| | | | |
|-----------------------|---------------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Horizontal |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 09:46:58 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | | | |
| Remark: | | | |

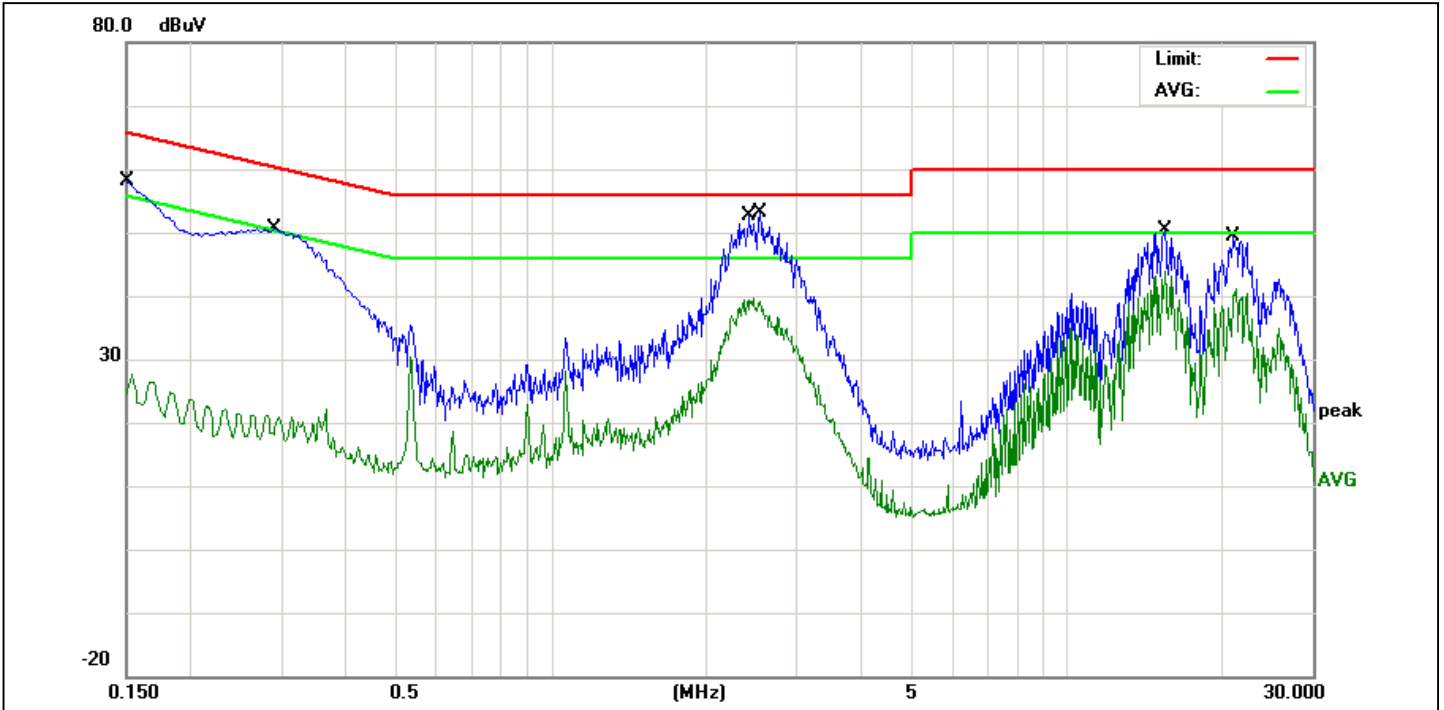
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 66.8599 | -19.08 | 52.32 | 33.24 | 40.00 | -6.76 | QP | 100 | 244 | |
| 2 | 111.4800 | -13.95 | 49.98 | 36.03 | 43.50 | -7.47 | QP | 100 | 268 | |
| 3 | 143.4900 | -13.03 | 47.73 | 34.70 | 43.50 | -8.80 | QP | 100 | 262 | |
| 4 | 303.5400 | -10.33 | 45.17 | 34.84 | 46.00 | -11.16 | QP | 100 | 129 | |
| 5 | 384.0500 | -8.89 | 47.80 | 38.91 | 46.00 | -7.09 | QP | 100 | 73 | |
| 6 | 399.5699 | -8.62 | 46.83 | 38.21 | 46.00 | -7.79 | QP | 100 | 107 | |



| | | | |
|-----------------------|---------------------------------|---------------------------|---------------------------|
| Service No.: | E-Box-BT | Test Distance: | 3m |
| Test Standard: | FCC Class B 3M Radiation | Ant. Polarization: | Vertical |
| Test item: | Radiation Emission | Test Time: | 2014/1/17 09:48:00 |
| Applicant: | Jingtek | Test Rating: | DC 5V |
| Product: | Smart Ebox | Temp.(°C)/Hum.(%): | 18(°C)/56% |
| Model No.: | E-Box SMA01 | Test Engineer: | Hugo Chang |
| Test Mode: | | | |
| Remark: | | | |

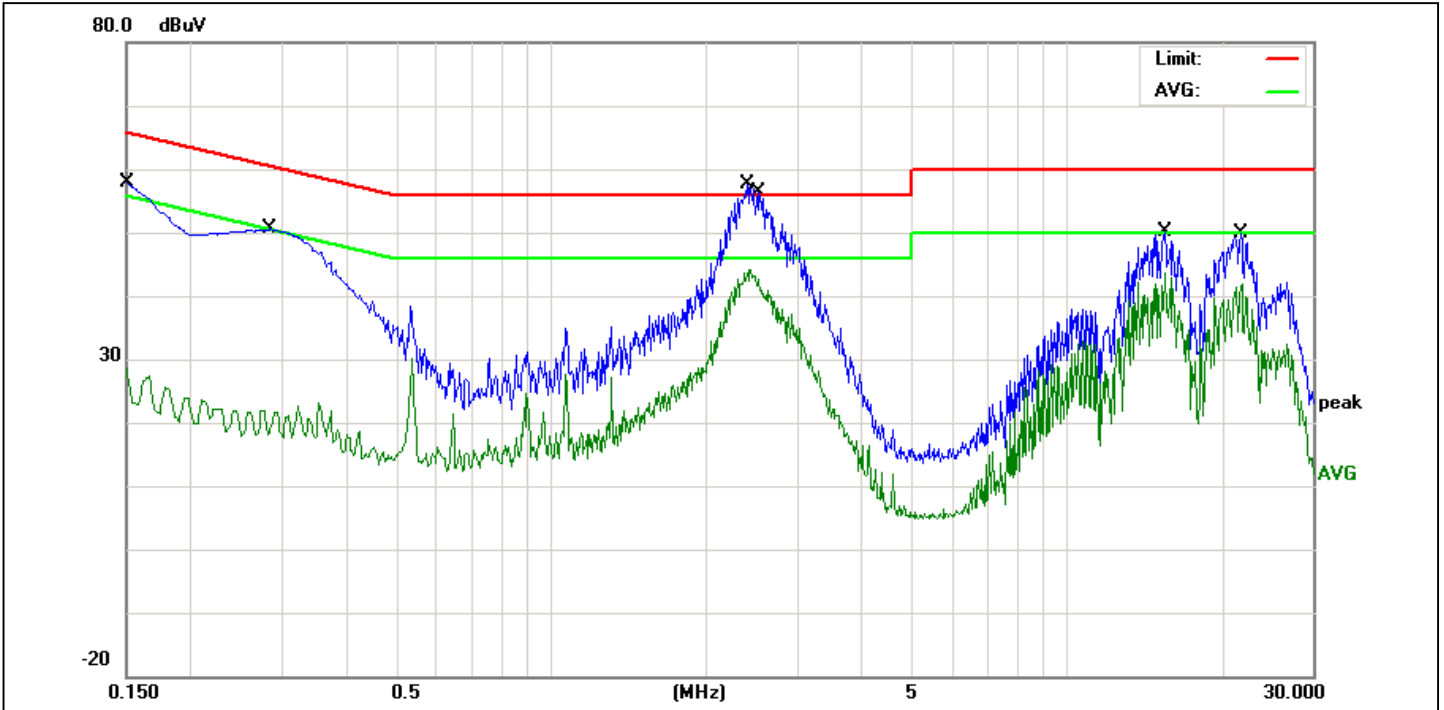
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1 | 63.9500 | -19.31 | 53.46 | 34.15 | 40.00 | -5.85 | QP | 100 | 20 | |
| 2 | 116.3300 | -13.58 | 45.13 | 31.55 | 43.50 | -11.95 | QP | 100 | 199 | |
| 3 | 303.5400 | -10.33 | 41.17 | 30.84 | 46.00 | -15.16 | QP | 100 | 172 | |
| 4 | 384.0500 | -8.89 | 44.26 | 35.37 | 46.00 | -10.63 | QP | 100 | 28 | |
| 5 | 431.5800 | -8.19 | 39.89 | 31.70 | 46.00 | -14.30 | QP | 100 | 202 | |
| 6 | 480.0800 | -7.56 | 36.23 | 28.67 | 46.00 | -17.33 | QP | 100 | 188 | |

Mains Spurious Emissions



Service No.: 114011504
 Test Standard: CISPR22 Class B Conduction
 Test item: Conducted Emission Phase: L1
 Applicant: Jingtek Temp.(°C)/Hum.(%): 27(°C) / 60 %
 Product: E-box mini Power Rating: DC 30V
 Model No.: Smart Ebox Test Engineer: Freeman Wang
 Test Mode: Normal link
 Remark: power supply:2250

| No. | Frequency (MHz) | Factor (dBuV) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|-----|-----------------|---------------|----------------|--------------|--------------|-------------|----------|-----|--------|
| 1 | 0.1500 | 9.62 | 42.15 | 51.77 | 65.99 | -14.22 | QP | P | |
| 2 | 0.1500 | 9.62 | 15.58 | 25.20 | 55.99 | -30.79 | AVG | P | |
| 3 | 0.2900 | 9.59 | 34.04 | 43.63 | 60.52 | -16.89 | QP | P | |
| 4 | 0.2900 | 9.59 | 8.77 | 18.36 | 50.52 | -32.16 | AVG | P | |
| 5 | 2.4219 | 9.63 | 37.79 | 47.42 | 56.00 | -8.58 | QP | P | |
| 6 | 2.4219 | 9.63 | 28.80 | 38.43 | 46.00 | -7.57 | AVG | P | |
| 7 | 2.5420 | 9.63 | 37.07 | 46.70 | 56.00 | -9.30 | QP | P | |
| 8 | 2.5420 | 9.63 | 27.29 | 36.92 | 46.00 | -9.08 | AVG | P | |
| 9 | 15.4740 | 9.77 | 38.38 | 48.15 | 60.00 | -11.85 | QP | P | |
| 10 | 15.4740 | 9.77 | 31.15 | 40.92 | 50.00 | -9.08 | AVG | P | |
| 11 | 21.1460 | 9.82 | 35.76 | 45.58 | 60.00 | -14.42 | QP | P | |
| 12 | 21.1460 | 9.82 | 29.09 | 38.91 | 50.00 | -11.09 | AVG | P | |



Service No.: 114011504

Test Standard: CISPR22 Class B Conduction

Test item: Conducted Emission Phase: N

Applicant: Jingtek Temp.(°C)/Hum.(%): 27(°C) / 60 %

Product: E-box mini Power Rating: DC 30V

Model No.: Smart Ebox Test Engineer: Freeman Wang

Test Mode: Normal link

Remark: power supply:2250

| No. | Frequency (MHz) | Factor (dBuV) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|-----|-----------------|---------------|----------------|--------------|--------------|-------------|----------|-----|--------|
| 1 | 0.1500 | 9.59 | 42.24 | 51.83 | 65.99 | -14.16 | QP | P | |
| 2 | 0.1500 | 9.59 | 15.88 | 25.47 | 55.99 | -30.52 | AVG | P | |
| 3 | 0.2860 | 9.56 | 34.22 | 43.78 | 60.64 | -16.86 | QP | P | |
| 4 | 0.2860 | 9.56 | 9.31 | 18.87 | 50.64 | -31.77 | AVG | P | |
| 5 | 2.4020 | 9.59 | 40.18 | 49.77 | 56.00 | -6.23 | QP | P | |
| 6 | 2.4020 | 9.59 | 31.63 | 41.22 | 46.00 | -4.78 | AVG | P | |
| 7 | 2.5140 | 9.59 | 40.00 | 49.59 | 56.00 | -6.41 | QP | P | |
| 8 | 2.5140 | 9.59 | 30.99 | 40.58 | 46.00 | -5.42 | AVG | P | |
| 9 | 15.4780 | 9.77 | 37.51 | 47.28 | 60.00 | -12.72 | QP | P | |
| 10 | 15.4780 | 9.77 | 30.86 | 40.63 | 50.00 | -9.37 | AVG | P | |
| 11 | 21.7340 | 9.85 | 36.78 | 46.63 | 60.00 | -13.37 | QP | P | |
| 12 | 21.7340 | 9.85 | 29.77 | 39.62 | 50.00 | -10.38 | AVG | P | |