| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT80 - Ant 0 + 1 + 2 | Test Channel | 155 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7681.0 | 36.0 | 14.4 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| | 8335.5 | 35.6 | 14.8 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| * | 8854.0 | 35.2 | 15.7 | 50.9 | 68.2 | -17.3 | Peak | Horizontal |
| * | 9848.5 | 34.8 | 18.0 | 52.8 | 68.2 | -15.4 | Peak | Horizontal |
| | 7392.0 | 36.2 | 14.3 | 50.5 | 74.0 | -23.5 | Peak | Vertical |
| | 8148.5 | 35.4 | 15.2 | 50.6 | 74.0 | -23.4 | Peak | Vertical |
| * | 8896.5 | 35.5 | 15.6 | 51.1 | 68.2 | -17.1 | Peak | Vertical |
| * | 9848.5 | 34.8 | 18.0 | 52.8 | 68.2 | -15.4 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

**For Antenna Configuration 2# (Antenna = 12dBi)**

| | | | |
|---|---|---|---|
| Product | Icomera TraXside solution | Temperature | 26℃ |
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11a - Ant 0 + 1 + 2 | Test Channel | 36 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7528.0 | 35.5 | 14.5 | 50.0 | 74.0 | -24.0 | Peak | Horizontal |
| | 8250.5 | 35.1 | 14.9 | 50.0 | 74.0 | -24.0 | Peak | Horizontal |
| * | 8820.0 | 34.7 | 15.7 | 50.4 | 68.2 | -17.8 | Peak | Horizontal |
| * | 9916.5 | 33.9 | 17.9 | 51.8 | 68.2 | -16.4 | Peak | Horizontal |
| | 7596.0 | 35.4 | 14.4 | 49.8 | 74.0 | -24.2 | Peak | Vertical |
| | 8335.5 | 35.5 | 14.8 | 50.3 | 74.0 | -23.7 | Peak | Vertical |
| * | 8743.5 | 34.3 | 15.6 | 49.9 | 68.2 | -18.3 | Peak | Vertical |
| * | 9806.0 | 34.2 | 17.8 | 52.0 | 68.2 | -16.2 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11a - Ant 0 + 1 + 2 | Test Channel | 44 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7596.0 | 36.3 | 14.4 | 50.7 | 74.0 | -23.3 | Peak | Horizontal |
| | 8157.0 | 35.9 | 15.2 | 51.1 | 74.0 | -22.9 | Peak | Horizontal |
| * | 8837.0 | 35.9 | 15.6 | 51.5 | 68.2 | -16.7 | Peak | Horizontal |
| * | 9848.5 | 34.9 | 18.0 | 52.9 | 68.2 | -15.3 | Peak | Horizontal |
| | 7460.0 | 34.5 | 14.4 | 48.9 | 74.0 | -25.1 | Peak | Vertical |
| | 8429.0 | 35.6 | 15.0 | 50.6 | 74.0 | -23.4 | Peak | Vertical |
| * | 8871.0 | 33.6 | 15.7 | 49.3 | 68.2 | -18.9 | Peak | Vertical |
| * | 9891.0 | 34.1 | 18.0 | 52.1 | 68.2 | -16.1 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11a - Ant 0 + 1 + 2 | Test Channel | 48 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7426.0 | 35.2 | 14.3 | 49.5 | 74.0 | -24.5 | Peak | Horizontal |
| | 8267.5 | 35.6 | 14.8 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| * | 8556.5 | 35.2 | 15.3 | 50.5 | 68.2 | -17.7 | Peak | Horizontal |
| * | 10095.0 | 34.2 | 18.0 | 52.2 | 68.2 | -16.0 | Peak | Horizontal |
| | 7511.0 | 35.0 | 14.5 | 49.5 | 74.0 | -24.5 | Peak | Vertical |
| | 8318.5 | 35.3 | 14.9 | 50.2 | 74.0 | -23.8 | Peak | Vertical |
| * | 8709.5 | 34.7 | 15.6 | 50.3 | 68.2 | -17.9 | Peak | Vertical |
| * | 9908.0 | 34.7 | 18.0 | 52.7 | 68.2 | -15.5 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11a - Ant 0 + 1 + 2 | Test Channel | 149 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7443.0 | 36.4 | 14.4 | 50.8 | 74.0 | -23.2 | Peak | Horizontal |
| | 8106.0 | 37.0 | 15.3 | 52.3 | 74.0 | -21.7 | Peak | Horizontal |
| * | 8837.0 | 35.5 | 15.6 | 51.1 | 68.2 | -17.1 | Peak | Horizontal |
| * | 9933.5 | 33.7 | 18.0 | 51.7 | 68.2 | -16.5 | Peak | Horizontal |
| | 7443.0 | 36.5 | 14.4 | 50.9 | 74.0 | -23.1 | Peak | Vertical |
| | 8250.5 | 36.3 | 14.9 | 51.2 | 74.0 | -22.8 | Peak | Vertical |
| * | 8939.0 | 35.9 | 15.6 | 51.5 | 68.2 | -16.7 | Peak | Vertical |
| * | 10375.5 | 35.0 | 18.8 | 53.8 | 68.2 | -14.4 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11a - Ant 0 + 1 + 2 | Test Channel | 157 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7409.0 | 35.9 | 14.2 | 50.1 | 74.0 | -23.9 | Peak | Horizontal |
| | 8327.0 | 35.6 | 14.9 | 50.5 | 74.0 | -23.5 | Peak | Horizontal |
| * | 8769.0 | 35.7 | 15.6 | 51.3 | 68.2 | -16.9 | Peak | Horizontal |
| * | 9695.5 | 35.0 | 17.3 | 52.3 | 68.2 | -15.9 | Peak | Horizontal |
| | 7630.0 | 36.8 | 14.3 | 51.1 | 74.0 | -22.9 | Peak | Vertical |
| | 8174.0 | 35.8 | 15.1 | 50.9 | 74.0 | -23.1 | Peak | Vertical |
| * | 8709.5 | 35.7 | 15.6 | 51.3 | 68.2 | -16.9 | Peak | Vertical |
| * | 9891.0 | 35.2 | 18.0 | 53.2 | 68.2 | -15.0 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11a - Ant 0 + 1 + 2 | Test Channel | 165 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7672.5 | 36.0 | 14.4 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| | 8072.0 | 35.6 | 15.4 | 51.0 | 74.0 | -23.0 | Peak | Horizontal |
| * | 8692.5 | 35.8 | 15.6 | 51.4 | 68.2 | -16.8 | Peak | Horizontal |
| * | 9874.0 | 34.7 | 18.0 | 52.7 | 68.2 | -15.5 | Peak | Horizontal |
| | 7443.0 | 36.3 | 14.4 | 50.7 | 74.0 | -23.3 | Peak | Vertical |
| | 8352.5 | 36.5 | 14.8 | 51.3 | 74.0 | -22.7 | Peak | Vertical |
| * | 8905.0 | 35.8 | 15.6 | 51.4 | 68.2 | -16.8 | Peak | Vertical |
| * | 9874.0 | 34.7 | 18.0 | 52.7 | 68.2 | -15.5 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT20 - Ant 0 + 1 + 2 | Test Channel | 36 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7545.0 | 35.3 | 14.5 | 49.8 | 74.0 | -24.2 | Peak | Horizontal |
| | 8157.0 | 35.9 | 15.2 | 51.1 | 74.0 | -22.9 | Peak | Horizontal |
| * | 8650.0 | 35.4 | 15.5 | 50.9 | 68.2 | -17.3 | Peak | Horizontal |
| * | 10010.0 | 33.8 | 18.0 | 51.8 | 68.2 | -16.4 | Peak | Horizontal |
| | 7630.0 | 35.9 | 14.3 | 50.2 | 74.0 | -23.8 | Peak | Vertical |
| | 8157.0 | 35.9 | 15.2 | 51.1 | 74.0 | -22.9 | Peak | Vertical |
| * | 8752.0 | 33.9 | 15.6 | 49.5 | 68.2 | -18.7 | Peak | Vertical |
| * | 9857.0 | 33.7 | 17.9 | 51.6 | 68.2 | -16.6 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT20 - Ant 0 + 1 + 2 | Test Channel | 44 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7434.5 | 35.5 | 14.4 | 49.9 | 74.0 | -24.1 | Peak | Horizontal |
| | 8276.0 | 35.1 | 14.8 | 49.9 | 74.0 | -24.1 | Peak | Horizontal |
| * | 8896.5 | 35.9 | 15.6 | 51.5 | 68.2 | -16.7 | Peak | Horizontal |
| * | 9916.5 | 33.7 | 17.9 | 51.6 | 68.2 | -16.6 | Peak | Horizontal |
| | 7638.5 | 35.3 | 14.3 | 49.6 | 74.0 | -24.4 | Peak | Vertical |
| | 8182.5 | 35.9 | 15.1 | 51.0 | 74.0 | -23.0 | Peak | Vertical |
| * | 8837.0 | 34.5 | 15.6 | 50.1 | 68.2 | -18.1 | Peak | Vertical |
| * | 9848.5 | 34.4 | 18.0 | 52.4 | 68.2 | -15.8 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT20 - Ant 0 + 1 + 2 | Test Channel | 48 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7417.5 | 34.9 | 14.3 | 49.2 | 74.0 | -24.8 | Peak | Horizontal |
| | 8420.5 | 35.1 | 14.9 | 50.0 | 74.0 | -24.0 | Peak | Horizontal |
| * | 8641.5 | 34.9 | 15.5 | 50.4 | 68.2 | -17.8 | Peak | Horizontal |
| * | 9670.0 | 34.7 | 17.3 | 52.0 | 68.2 | -16.2 | Peak | Horizontal |
| | 7417.5 | 34.9 | 14.3 | 49.2 | 74.0 | -24.8 | Peak | Vertical |
| | 8165.5 | 34.8 | 15.1 | 49.9 | 74.0 | -24.1 | Peak | Vertical |
| * | 8641.5 | 35.3 | 15.5 | 50.8 | 68.2 | -17.4 | Peak | Vertical |
| * | 9670.0 | 34.7 | 17.3 | 52.0 | 68.2 | -16.2 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT20 - Ant 0 + 1 + 2 | Test Channel | 149 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7451.5 | 35.7 | 14.4 | 50.1 | 74.0 | -23.9 | Peak | Horizontal |
| | 8174.0 | 36.1 | 15.1 | 51.2 | 74.0 | -22.8 | Peak | Horizontal |
| * | 8641.5 | 36.0 | 15.5 | 51.5 | 68.2 | -16.7 | Peak | Horizontal |
| * | 9891.0 | 34.8 | 18.0 | 52.8 | 68.2 | -15.4 | Peak | Horizontal |
| | 7579.0 | 36.1 | 14.4 | 50.5 | 74.0 | -23.5 | Peak | Vertical |
| | 8174.0 | 36.1 | 15.1 | 51.2 | 74.0 | -22.8 | Peak | Vertical |
| * | 8862.5 | 36.0 | 15.7 | 51.7 | 68.2 | -16.5 | Peak | Vertical |
| * | 9942.0 | 35.2 | 18.0 | 53.2 | 68.2 | -15.0 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT20 - Ant 0 + 1 + 2 | Test Channel | 157 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7494.0 | 35.4 | 14.5 | 49.9 | 74.0 | -24.1 | Peak | Horizontal |
| | 8123.0 | 35.5 | 15.3 | 50.8 | 74.0 | -23.2 | Peak | Horizontal |
| * | 8624.5 | 36.0 | 15.4 | 51.4 | 68.2 | -16.8 | Peak | Horizontal |
| * | 9908.0 | 34.7 | 18.0 | 52.7 | 68.2 | -15.5 | Peak | Horizontal |
| | 7400.5 | 35.6 | 14.3 | 49.9 | 74.0 | -24.1 | Peak | Vertical |
| | 8106.0 | 35.9 | 15.3 | 51.2 | 74.0 | -22.8 | Peak | Vertical |
| * | 8718.0 | 35.8 | 15.6 | 51.4 | 68.2 | -16.8 | Peak | Vertical |
| * | 9874.0 | 34.2 | 18.0 | 52.2 | 68.2 | -16.0 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT20 - Ant 0 + 1 + 2 | Test Channel | 165 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7553.5 | 35.9 | 14.5 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| | 8301.5 | 36.0 | 14.9 | 50.9 | 74.0 | -23.1 | Peak | Horizontal |
| * | 8896.5 | 36.0 | 15.6 | 51.6 | 68.2 | -16.6 | Peak | Horizontal |
| * | 9942.0 | 34.3 | 18.0 | 52.3 | 68.2 | -15.9 | Peak | Horizontal |
| | 7511.0 | 35.1 | 14.5 | 49.6 | 74.0 | -24.4 | Peak | Vertical |
| | 8463.0 | 36.3 | 14.9 | 51.2 | 74.0 | -22.8 | Peak | Vertical |
| * | 8828.5 | 34.9 | 15.6 | 50.5 | 68.2 | -17.7 | Peak | Vertical |
| * | 9857.0 | 34.7 | 17.9 | 52.6 | 68.2 | -15.6 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT40 - Ant 0 + 1 + 2 | Test Channel | 38 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7647.0 | 34.8 | 14.3 | 49.1 | 74.0 | -24.9 | Peak | Horizontal |
| | 8327.0 | 35.4 | 14.9 | 50.3 | 74.0 | -23.7 | Peak | Horizontal |
| * | 8930.5 | 34.2 | 15.6 | 49.8 | 68.2 | -18.4 | Peak | Horizontal |
| * | 9772.0 | 34.9 | 17.7 | 52.6 | 68.2 | -15.6 | Peak | Horizontal |
| | 7613.0 | 35.6 | 14.4 | 50.0 | 74.0 | -24.0 | Peak | Vertical |
| | 8123.0 | 35.4 | 15.3 | 50.7 | 74.0 | -23.3 | Peak | Vertical |
| * | 8820.0 | 34.1 | 15.7 | 49.8 | 68.2 | -18.4 | Peak | Vertical |
| * | 9925.0 | 34.0 | 17.9 | 51.9 | 68.2 | -16.3 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT40 - Ant 0 + 1 + 2 | Test Channel | 46 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7681.0 | 35.2 | 14.4 | 49.6 | 74.0 | -24.4 | Peak | Horizontal |
| | 8225.0 | 34.3 | 15.0 | 49.3 | 74.0 | -24.7 | Peak | Horizontal |
| * | 8718.0 | 34.2 | 15.6 | 49.8 | 68.2 | -18.4 | Peak | Horizontal |
| * | 9899.5 | 34.4 | 18.0 | 52.4 | 68.2 | -15.8 | Peak | Horizontal |
| | 7638.5 | 36.2 | 14.3 | 50.5 | 74.0 | -23.5 | Peak | Vertical |
| | 8208.0 | 35.6 | 15.1 | 50.7 | 74.0 | -23.3 | Peak | Vertical |
| * | 8879.5 | 35.8 | 15.6 | 51.4 | 68.2 | -16.8 | Peak | Vertical |
| * | 10350.0 | 34.2 | 18.7 | 52.9 | 68.2 | -15.3 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT40 - Ant 0 + 1 + 2 | Test Channel | 151 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7494.0 | 35.4 | 14.5 | 49.9 | 74.0 | -24.1 | Peak | Horizontal |
| | 8148.5 | 35.9 | 15.2 | 51.1 | 74.0 | -22.9 | Peak | Horizontal |
| * | 8862.5 | 36.0 | 15.7 | 51.7 | 68.2 | -16.5 | Peak | Horizontal |
| * | 10231.0 | 34.2 | 18.5 | 52.7 | 68.2 | -15.5 | Peak | Horizontal |
| | 7570.5 | 35.9 | 14.4 | 50.3 | 74.0 | -23.7 | Peak | Vertical |
| | 8148.5 | 35.9 | 15.2 | 51.1 | 74.0 | -22.9 | Peak | Vertical |
| * | 8862.5 | 36.0 | 15.7 | 51.7 | 68.2 | -16.5 | Peak | Vertical |
| * | 10231.0 | 34.2 | 18.5 | 52.7 | 68.2 | -15.5 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11n-HT40 - Ant 0 + 1 + 2 | Test Channel | 159 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7451.5 | 35.8 | 14.4 | 50.2 | 74.0 | -23.8 | Peak | Horizontal |
| | 8259.0 | 36.0 | 14.9 | 50.9 | 74.0 | -23.1 | Peak | Horizontal |
| * | 8879.5 | 35.1 | 15.6 | 50.7 | 68.2 | -17.5 | Peak | Horizontal |
| * | 10035.5 | 35.4 | 18.0 | 53.4 | 68.2 | -14.8 | Peak | Horizontal |
| | 7587.5 | 36.0 | 14.4 | 50.4 | 74.0 | -23.6 | Peak | Vertical |
| | 8378.0 | 36.2 | 15.0 | 51.2 | 74.0 | -22.8 | Peak | Vertical |
| * | 8709.5 | 33.6 | 15.6 | 49.2 | 68.2 | -19.0 | Peak | Vertical |
| * | 10367.0 | 35.1 | 18.8 | 53.9 | 68.2 | -14.3 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT20 - Ant 0 + 1 + 2 | Test Channel | 36 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7434.5 | 35.6 | 14.4 | 50.0 | 74.0 | -24.0 | Peak | Horizontal |
| | 8250.5 | 35.4 | 14.9 | 50.3 | 74.0 | -23.7 | Peak | Horizontal |
| * | 8786.0 | 34.7 | 15.6 | 50.3 | 68.2 | -17.9 | Peak | Horizontal |
| * | 9950.5 | 33.5 | 18.0 | 51.5 | 68.2 | -16.7 | Peak | Horizontal |
| | 7434.5 | 35.3 | 14.4 | 49.7 | 74.0 | -24.3 | Peak | Vertical |
| | 8199.5 | 34.8 | 15.1 | 49.9 | 74.0 | -24.1 | Peak | Vertical |
| * | 8837.0 | 34.6 | 15.6 | 50.2 | 68.2 | -18.0 | Peak | Vertical |
| * | 9721.0 | 34.6 | 17.4 | 52.0 | 68.2 | -16.2 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT20 - Ant 0 + 1 + 2 | Test Channel | 44 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7519.5 | 35.6 | 14.5 | 50.1 | 74.0 | -23.9 | Peak | Horizontal |
| | 8182.5 | 35.3 | 15.1 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| * | 8641.5 | 35.3 | 15.5 | 50.8 | 68.2 | -17.4 | Peak | Horizontal |
| * | 9712.5 | 34.6 | 17.3 | 51.9 | 68.2 | -16.3 | Peak | Horizontal |
| | 7434.5 | 36.1 | 14.4 | 50.5 | 74.0 | -23.5 | Peak | Vertical |
| | 8327.0 | 35.1 | 14.9 | 50.0 | 74.0 | -24.0 | Peak | Vertical |
| * | 8862.5 | 35.0 | 15.7 | 50.7 | 68.2 | -17.5 | Peak | Vertical |
| * | 9721.0 | 35.0 | 17.4 | 52.4 | 68.2 | -15.8 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT20 - Ant 0 + 1 + 2 | Test Channel | 48 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7477.0 | 35.1 | 14.4 | 49.5 | 74.0 | -24.5 | Peak | Horizontal |
| | 8233.5 | 34.3 | 15.0 | 49.3 | 74.0 | -24.7 | Peak | Horizontal |
| * | 8684.0 | 34.1 | 15.5 | 49.6 | 68.2 | -18.6 | Peak | Horizontal |
| * | 9831.5 | 33.7 | 17.9 | 51.6 | 68.2 | -16.6 | Peak | Horizontal |
| | 7468.5 | 35.0 | 14.4 | 49.4 | 74.0 | -24.6 | Peak | Vertical |
| | 8123.0 | 35.2 | 15.3 | 50.5 | 74.0 | -23.5 | Peak | Vertical |
| * | 8811.5 | 35.0 | 15.7 | 50.7 | 68.2 | -17.5 | Peak | Vertical |
| * | 9993.0 | 34.3 | 18.0 | 52.3 | 68.2 | -15.9 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT20 - Ant 0 + 1 + 2 | Test Channel | 149 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7502.5 | 35.9 | 14.5 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| | 8344.0 | 35.5 | 14.7 | 50.2 | 74.0 | -23.8 | Peak | Horizontal |
| * | 8854.0 | 35.5 | 15.7 | 51.2 | 68.2 | -17.0 | Peak | Horizontal |
| * | 9874.0 | 34.9 | 18.0 | 52.9 | 68.2 | -15.3 | Peak | Horizontal |
| | 7400.5 | 35.4 | 14.3 | 49.7 | 74.0 | -24.3 | Peak | Vertical |
| | 8216.5 | 35.5 | 15.0 | 50.5 | 74.0 | -23.5 | Peak | Vertical |
| * | 8633.0 | 35.1 | 15.5 | 50.6 | 68.2 | -17.6 | Peak | Vertical |
| * | 9950.5 | 34.5 | 18.0 | 52.5 | 68.2 | -15.7 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT20 - Ant 0 + 1 + 2 | Test Channel | 157 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7460.0 | 36.4 | 14.4 | 50.8 | 74.0 | -23.2 | Peak | Horizontal |
| | 8250.5 | 33.6 | 14.9 | 48.5 | 74.0 | -25.5 | Peak | Horizontal |
| * | 8701.0 | 35.5 | 15.6 | 51.1 | 68.2 | -17.1 | Peak | Horizontal |
| * | 9933.5 | 34.3 | 18.0 | 52.3 | 68.2 | -15.9 | Peak | Horizontal |
| | 7664.0 | 36.6 | 14.4 | 51.0 | 74.0 | -23.0 | Peak | Vertical |
| | 8250.5 | 35.5 | 14.9 | 50.4 | 74.0 | -23.6 | Peak | Vertical |
| * | 8650.0 | 35.0 | 15.5 | 50.5 | 68.2 | -17.7 | Peak | Vertical |
| * | 9874.0 | 35.8 | 18.0 | 53.8 | 68.2 | -14.4 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT20 - Ant 0 + 1 + 2 | Test Channel | 165 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7613.0 | 35.9 | 14.4 | 50.3 | 74.0 | -23.7 | Peak | Horizontal |
| | 8157.0 | 35.8 | 15.2 | 51.0 | 74.0 | -23.0 | Peak | Horizontal |
| * | 8871.0 | 34.8 | 15.7 | 50.5 | 68.2 | -17.7 | Peak | Horizontal |
| * | 9848.5 | 34.1 | 18.0 | 52.1 | 68.2 | -16.1 | Peak | Horizontal |
| | 7655.5 | 36.4 | 14.4 | 50.8 | 74.0 | -23.2 | Peak | Vertical |
| | 8140.0 | 35.9 | 15.2 | 51.1 | 74.0 | -22.9 | Peak | Vertical |
| * | 8735.0 | 35.8 | 15.5 | 51.3 | 68.2 | -16.9 | Peak | Vertical |
| * | 10435.0 | 34.8 | 18.8 | 53.6 | 68.2 | -14.6 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT40 - Ant 0 + 1 + 2 | Test Channel | 38 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7621.5 | 35.4 | 14.4 | 49.8 | 74.0 | -24.2 | Peak | Horizontal |
| | 8208.0 | 34.6 | 15.1 | 49.7 | 74.0 | -24.3 | Peak | Horizontal |
| * | 8828.5 | 35.5 | 15.6 | 51.1 | 68.2 | -17.1 | Peak | Horizontal |
| * | 10154.5 | 33.9 | 18.2 | 52.1 | 68.2 | -16.1 | Peak | Horizontal |
| | 7613.0 | 35.1 | 14.4 | 49.5 | 74.0 | -24.5 | Peak | Vertical |
| | 8182.5 | 35.7 | 15.1 | 50.8 | 74.0 | -23.2 | Peak | Vertical |
| * | 8939.0 | 34.8 | 15.6 | 50.4 | 68.2 | -17.8 | Peak | Vertical |
| * | 9942.0 | 33.1 | 18.0 | 51.1 | 68.2 | -17.1 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT40 - Ant 0 + 1 + 2 | Test Channel | 46 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7740.5 | 34.9 | 14.5 | 49.4 | 74.0 | -24.6 | 7740.5 | Horizontal |
| | 8208.0 | 35.2 | 15.1 | 50.3 | 74.0 | -23.7 | 8208.0 | Horizontal |
| * | 8709.5 | 35.2 | 15.6 | 50.8 | 68.2 | -17.4 | 8709.5 | Horizontal |
| * | 9916.5 | 33.8 | 17.9 | 51.7 | 68.2 | -16.5 | 9916.5 | Horizontal |
| | 7434.5 | 35.3 | 14.4 | 49.7 | 74.0 | -24.3 | 7434.5 | Vertical |
| | 8216.5 | 35.0 | 15.0 | 50.0 | 74.0 | -24.0 | 8216.5 | Vertical |
| * | 8650.0 | 34.6 | 15.5 | 50.1 | 68.2 | -18.1 | 8650.0 | Vertical |
| * | 9942.0 | 34.2 | 18.0 | 52.2 | 68.2 | -16.0 | 9942.0 | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT40 - Ant 0 + 1 + 2 | Test Channel | 151 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7383.5 | 36.2 | 14.2 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| | 8216.5 | 35.5 | 15.0 | 50.5 | 74.0 | -23.5 | Peak | Horizontal |
| * | 8718.0 | 35.0 | 15.6 | 50.6 | 68.2 | -17.6 | Peak | Horizontal |
| * | 10163.0 | 34.8 | 18.4 | 53.2 | 68.2 | -15.0 | Peak | Horizontal |
| | 7536.5 | 36.1 | 14.5 | 50.6 | 74.0 | -23.4 | Peak | Vertical |
| | 8191.0 | 35.5 | 15.1 | 50.6 | 74.0 | -23.4 | Peak | Vertical |
| * | 8769.0 | 36.1 | 15.6 | 51.7 | 68.2 | -16.5 | Peak | Vertical |
| * | 9840.0 | 34.3 | 18.0 | 52.3 | 68.2 | -15.9 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT40 - Ant 0 + 1 + 2 | Test Channel | 159 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7417.5 | 36.1 | 14.3 | 50.4 | 74.0 | -23.6 | Peak | Horizontal |
| | 8191.0 | 35.9 | 15.1 | 51.0 | 74.0 | -23.0 | Peak | Horizontal |
| * | 8837.0 | 34.2 | 15.6 | 49.8 | 68.2 | -18.4 | Peak | Horizontal |
| * | 9644.5 | 35.1 | 17.3 | 52.4 | 68.2 | -15.8 | Peak | Horizontal |
| | 7528.0 | 35.6 | 14.5 | 50.1 | 74.0 | -23.9 | Peak | Vertical |
| | 8131.5 | 35.6 | 15.2 | 50.8 | 74.0 | -23.2 | Peak | Vertical |
| * | 8811.5 | 35.7 | 15.7 | 51.4 | 68.2 | -16.8 | Peak | Vertical |
| * | 9780.5 | 34.4 | 17.8 | 52.2 | 68.2 | -16.0 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT80 - Ant 0 + 1 + 2 | Test Channel | 42 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7562.0 | 34.8 | 14.5 | 49.3 | 74.0 | -24.7 | Peak | Horizontal |
| | 8318.5 | 34.6 | 14.9 | 49.5 | 74.0 | -24.5 | Peak | Horizontal |
| * | 8641.5 | 35.4 | 15.5 | 50.9 | 68.2 | -17.3 | Peak | Horizontal |
| * | 9670.0 | 35.3 | 17.3 | 52.6 | 68.2 | -15.6 | Peak | Horizontal |
| | 7451.5 | 36.7 | 14.4 | 51.1 | 74.0 | -22.9 | Peak | Vertical |
| | 8131.5 | 36.7 | 15.2 | 51.9 | 74.0 | -22.1 | Peak | Vertical |
| * | 8811.5 | 36.3 | 15.7 | 52.0 | 68.2 | -16.2 | Peak | Vertical |
| * | 10341.5 | 35.8 | 18.7 | 54.5 | 68.2 | -13.7 | Peak | Vertical |

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Product | Icomera TraXside solution | Temperature | 26℃ |
|---|---|---|---|
| Test Engineer | Jason Gao | Relative Humidity | 57 % |
| Test Site | AC1 | Test Date | 2019/08/03 |
| Test Mode | 802.11ac-VHT80 - Ant 0 + 1 + 2 | Test Channel | 155 |
| Remark | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. | | |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|---|---|---|---|---|---|---|---|---|
| | 7477.0 | 36.6 | 14.4 | 51.0 | 74.0 | -23.0 | Peak | Horizontal |
| | 8199.5 | 36.8 | 15.1 | 51.9 | 74.0 | -22.1 | Peak | Horizontal |
| * | 8837.0 | 35.0 | 15.6 | 50.6 | 68.2 | -17.6 | Peak | Horizontal |
| * | 10324.5 | 34.7 | 18.6 | 53.3 | 68.2 | -14.9 | Peak | Horizontal |
| | 7400.5 | 35.5 | 14.3 | 49.8 | 74.0 | -24.2 | Peak | Vertical |
| | 8191.0 | 35.9 | 15.1 | 51.0 | 74.0 | -23.0 | Peak | Vertical |
| * | 8854.0 | 35.0 | 15.7 | 50.7 | 68.2 | -17.5 | Peak | Vertical |
| * | 10248.0 | 34.9 | 18.4 | 53.3 | 68.2 | -14.9 | Peak | Vertical |

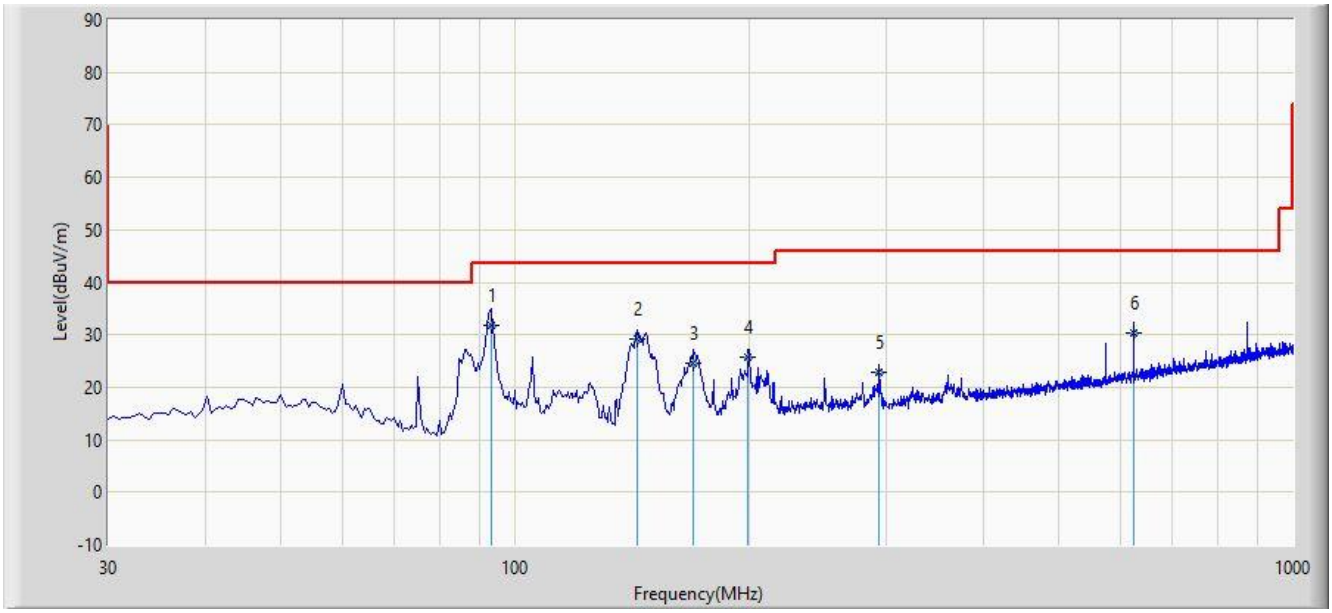
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

**The Worst Case of Radiated Emission below 1GHz:**

| | |
|---|---|
| Site: AC2 | Time: 2019/07/18 - 03:32 |
| Limit: FCC_Part15.209_RSE(3m) | Engineer: Dillon Diao |
| Probe: VULB9162_0.03-8GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz | |



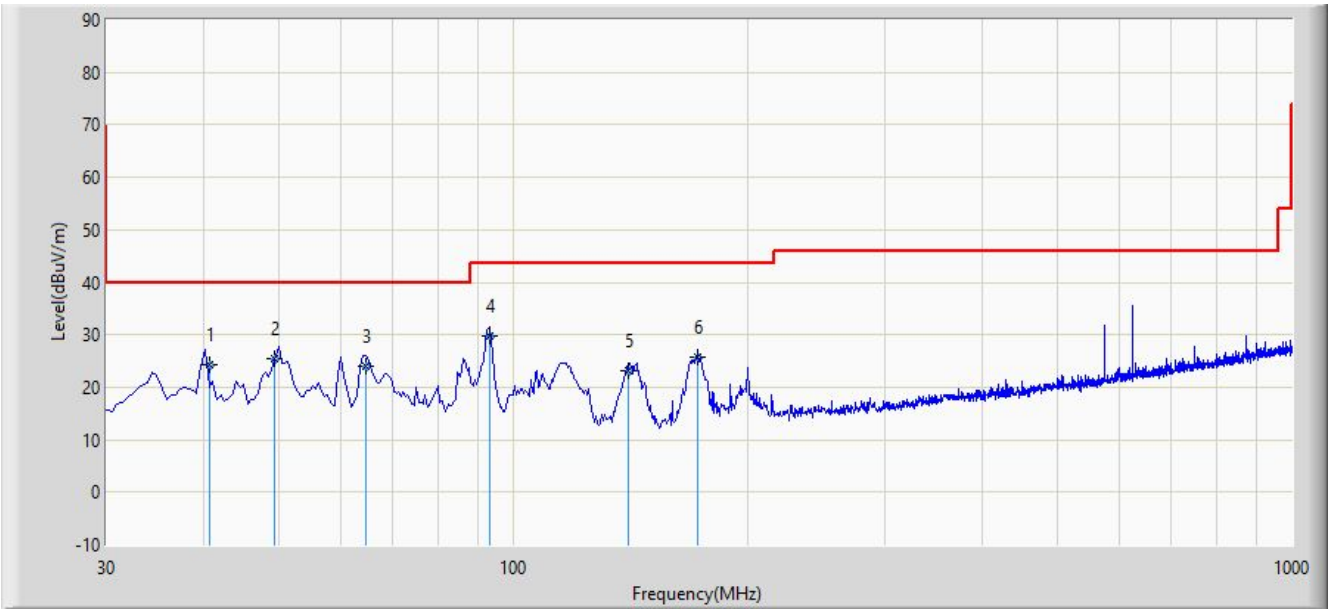

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 93.052 | 31.718 | 19.847 | -11.782 | 43.500 | 11.871 | QP |
| 2 | | 143.490 | 29.136 | 19.847 | -14.364 | 43.500 | 9.289 | QP |
| 3 | | 169.685 | 24.632 | 14.554 | -18.868 | 43.500 | 10.078 | QP |
| 4 | | 199.251 | 25.620 | 13.554 | -17.880 | 43.500 | 12.066 | QP |
| 5 | | 293.842 | 22.737 | 8.544 | -23.263 | 46.000 | 14.194 | QP |
| 6 | | 625.325 | 30.228 | 10.262 | -15.772 | 46.000 | 19.966 | QP |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

| | |
|---|---|
| Site: AC2 | Time: 2019/07/18 - 03:45 |
| Limit: FCC_Part15.209_RSE(3m) | Engineer: Dillon Diao |
| Probe: VULB9162_0.03-8GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz | |




| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 40.625 | 24.265 | 10.363 | -15.735 | 40.000 | 13.902 | QP |
| 2 | | 49.250 | 25.364 | 10.510 | -14.636 | 40.000 | 14.854 | QP |
| 3 | | 64.625 | 24.125 | 11.562 | -15.875 | 40.000 | 12.563 | QP |
| 4 | * | 93.325 | 29.783 | 17.844 | -13.717 | 43.500 | 11.939 | QP |
| 5 | | 140.530 | 23.073 | 13.745 | -20.427 | 43.500 | 9.328 | QP |
| 6 | | 172.326 | 25.830 | 15.625 | -17.670 | 43.500 | 10.205 | QP |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

## 7.8. Radiated Restricted Band Edge Measurement

### 7.8.1.Test Limit

**For 15.205 Requirement:**

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

| Frequency (MHz) | Frequency (MHz) | Frequency (MHz) | Frequency (GHz) |
|---|---|---|---|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| [1] 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.025 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | WL01 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2690 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | ([2]) |
| 13.36 - 13.41 | -- | -- | -- |

**For 15.407(b) Requirement:**

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27dBm/MHz.

Refer to ANSI C63.10 Section 12.7.3 c), as specified in § 15.407(b), emissions above 1000 MHz that

are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 | | |
|---|---|---|
| Frequency (MHz) | Field Strength (μV/m) | Measured Distance (m) |
| 0.009 - 0.490 | 2400/F (kHz) | 300 |
| 0.490 - 1.705 | 24000/F (kHz) | 30 |
| 1.705 - 30 | 30 | 30 |
| 30 - 88 | 100 | 3 |
| 88 - 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

### 7.8.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

### 7.8.3.Test Setting

**Peak Measurements above 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak

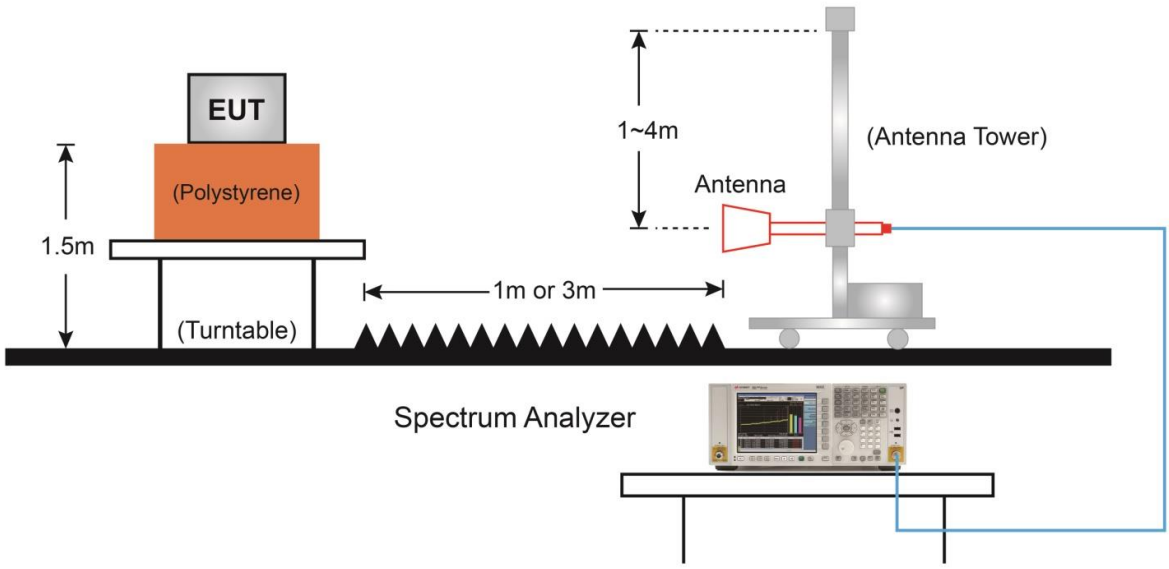
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

**Average Measurements above 1GHz (Method VB)**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz

   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

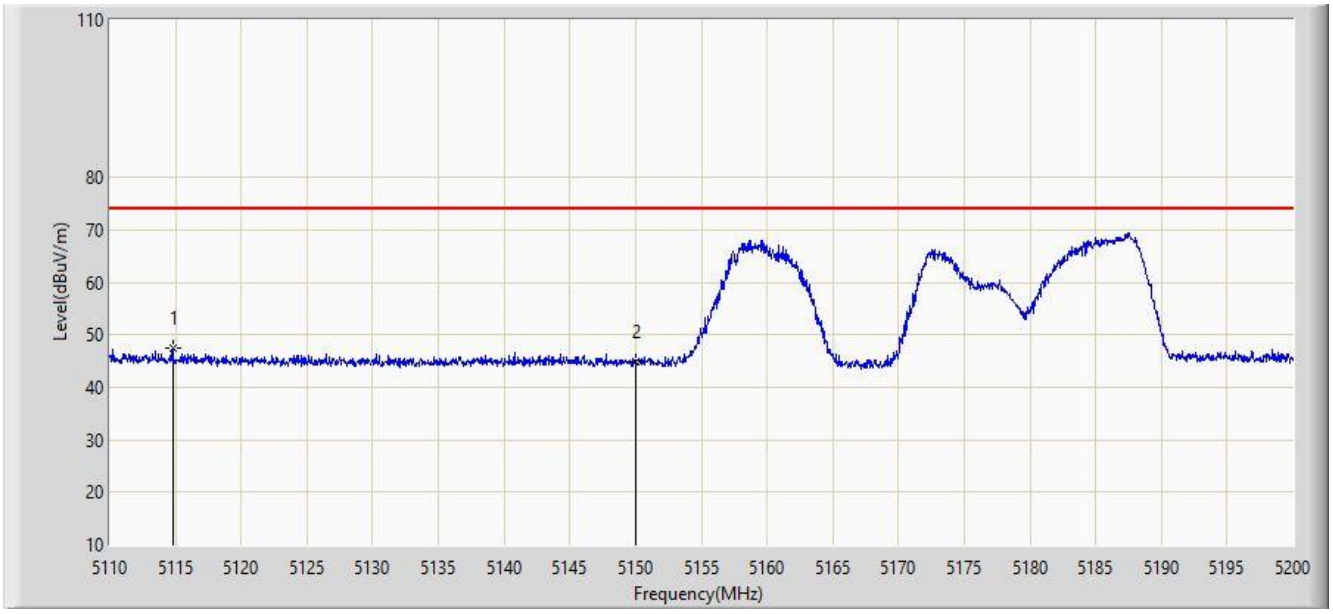
### 7.8.4.Test Setup



### 7.8.5.Test Result

**For Antenna Configuration 1# (Antenna = 23dBi)**

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 01:37 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5180MHz | |



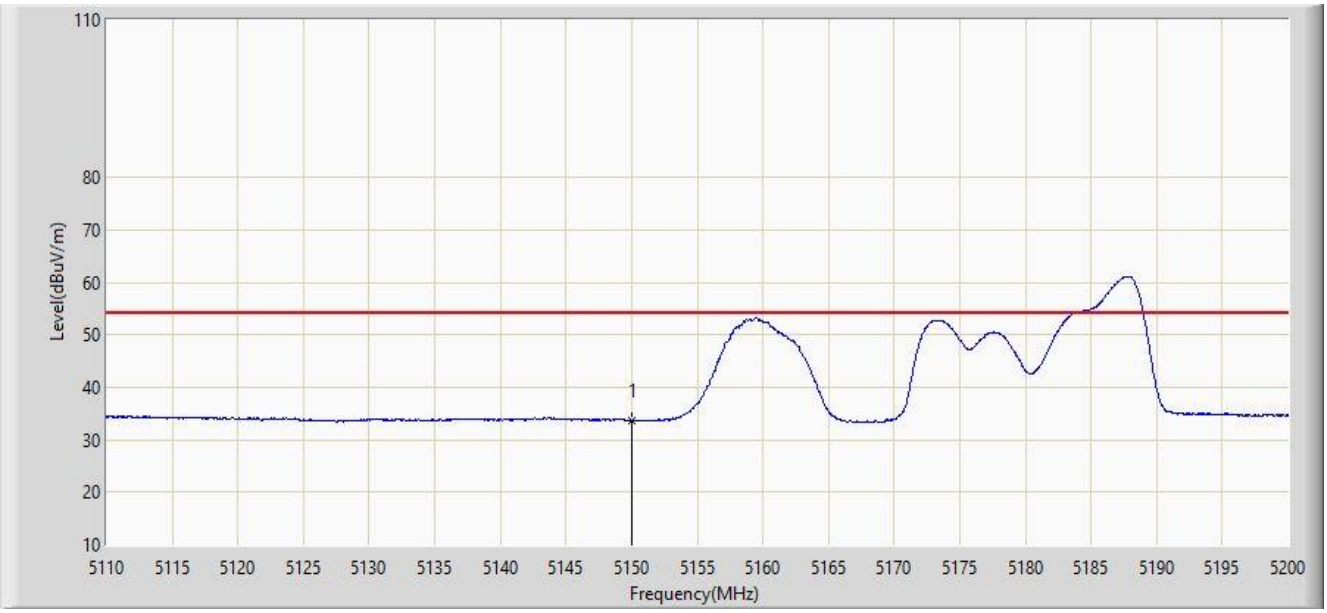

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5114.815 | 47.475 | 40.997 | -26.525 | 74.000 | 6.478 | PK |
| 2 | | 5150.000 | 44.745 | 38.348 | -29.255 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 01:58 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5180MHz | |



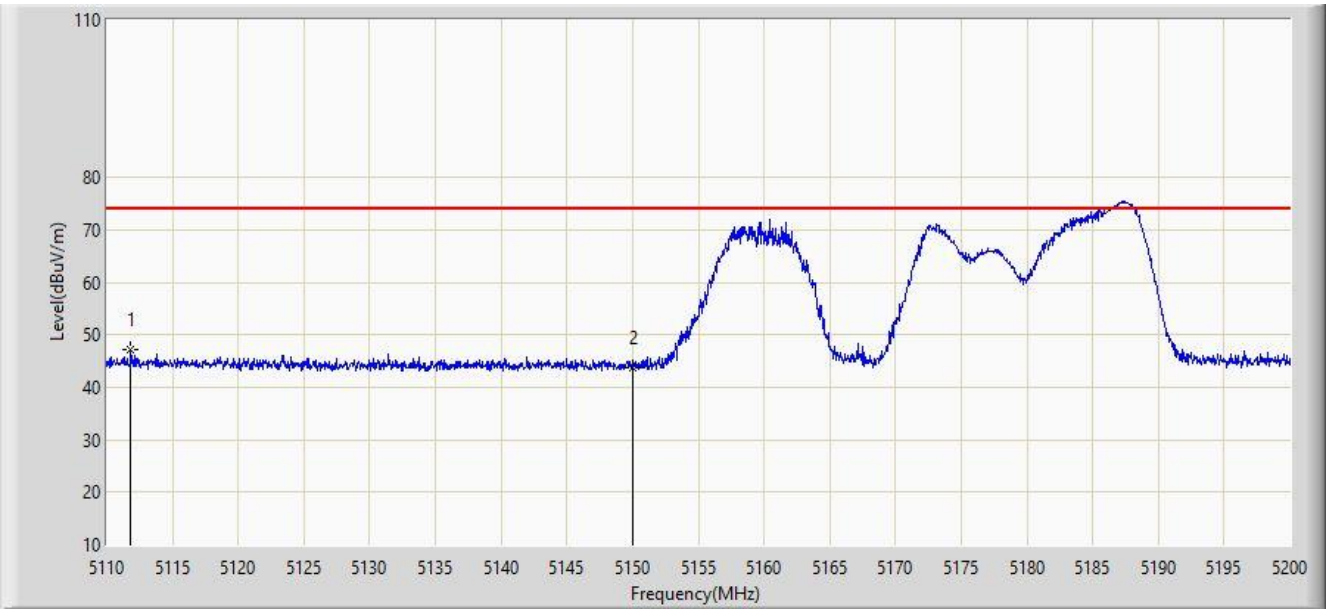

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.649 | 27.252 | -20.351 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:01 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5180MHz | |



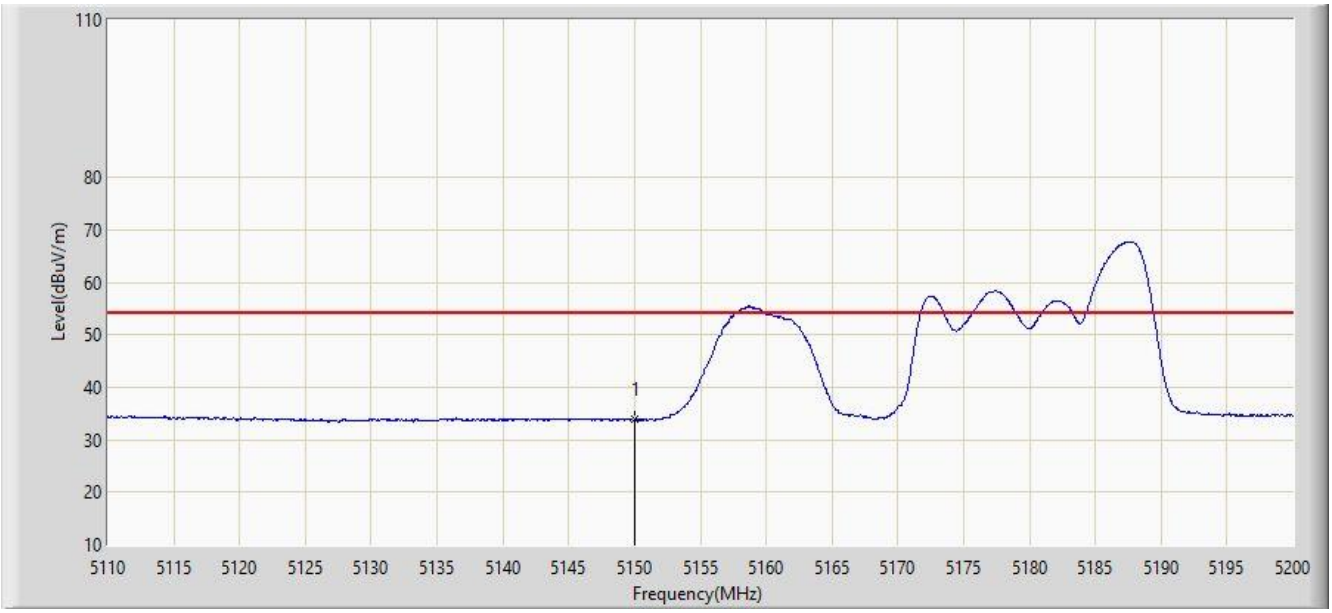

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5111.845 | 47.142 | 40.684 | -26.858 | 74.000 | 6.459 | PK |
| 2 | | 5150.000 | 43.651 | 37.254 | -30.349 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:04 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5180MHz | |



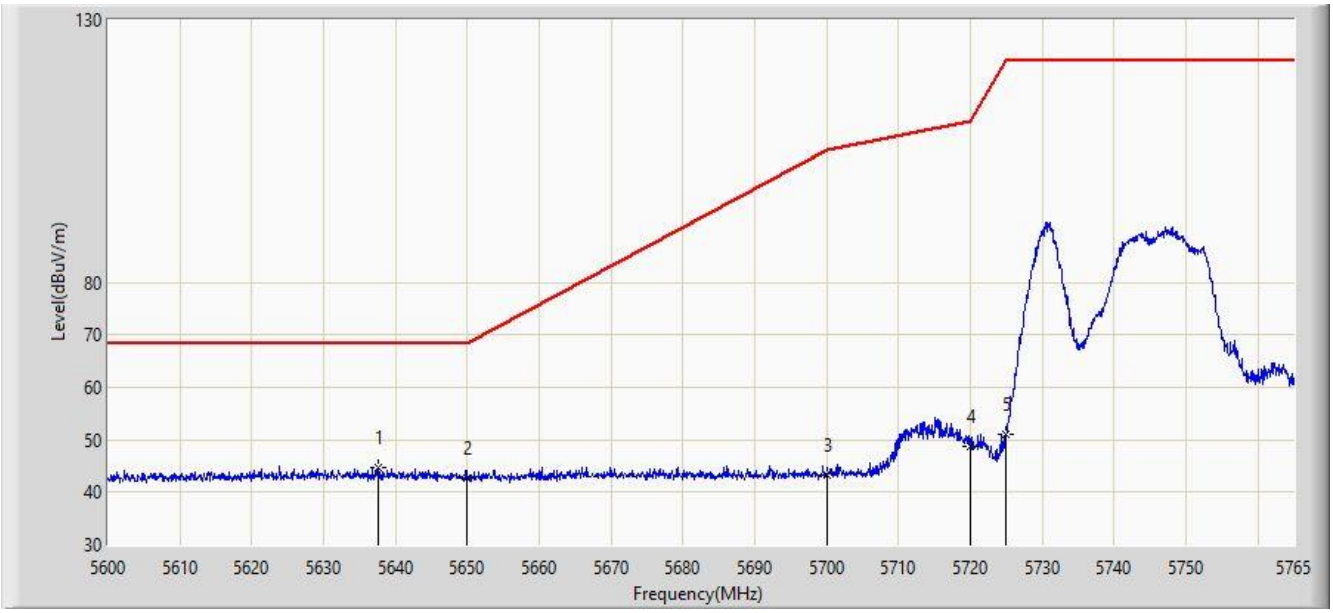

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.849 | 27.452 | -20.151 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 06:23 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5745MHz | |



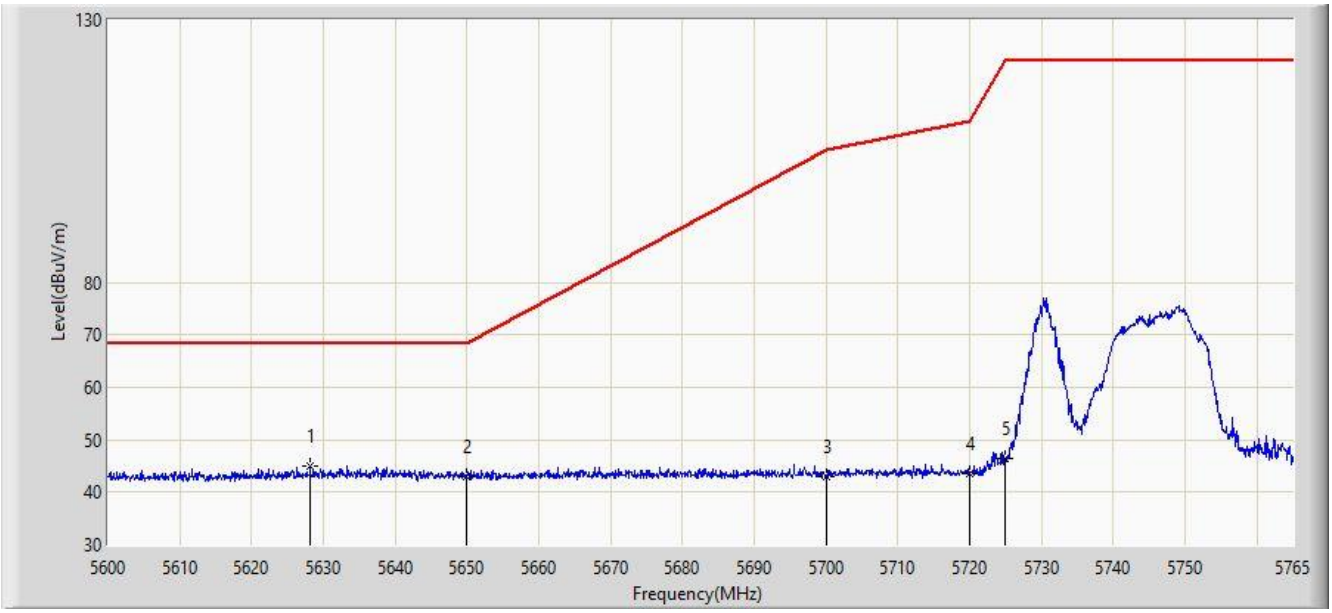

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5637.620 | 44.726 | 37.916 | -23.474 | 68.200 | 6.811 | PK |
| 2 | | 5650.000 | 42.640 | 35.847 | -25.560 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 43.279 | 36.370 | -61.921 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 48.841 | 41.937 | -61.959 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 50.926 | 44.059 | -71.274 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 02:21 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5745MHz | |



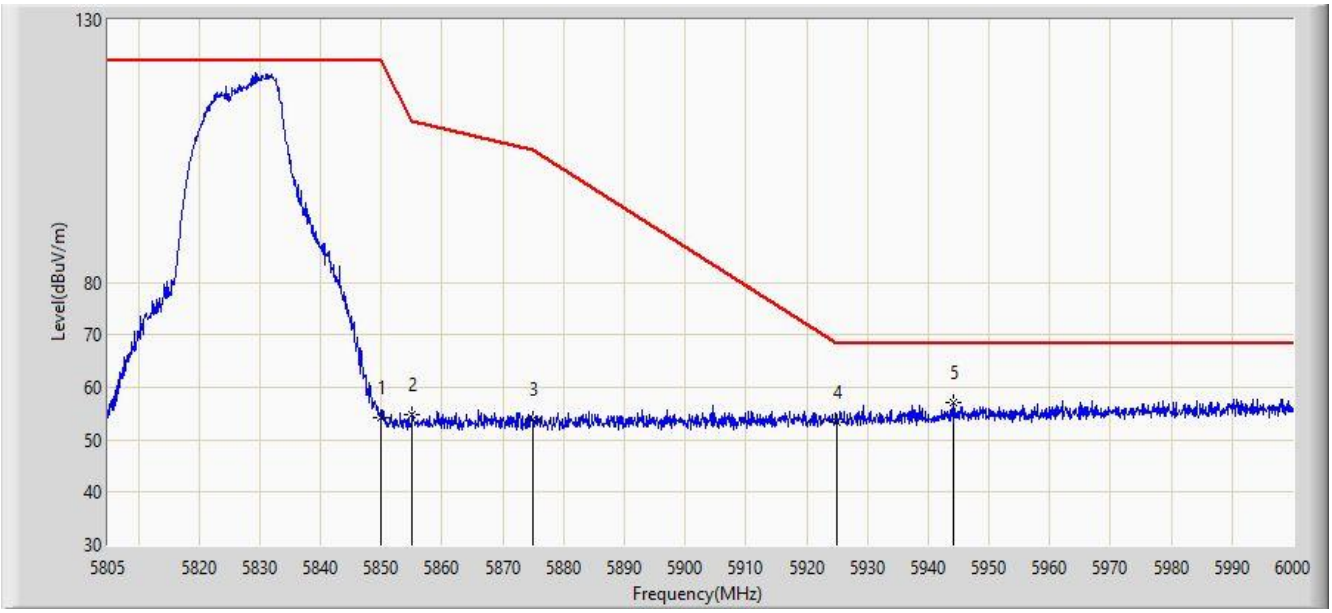

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5628.132 | 44.866 | 38.117 | -23.334 | 68.200 | 6.749 | PK |
| 2 | | 5650.000 | 42.987 | 36.194 | -25.213 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 43.100 | 36.191 | -62.100 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 43.610 | 36.706 | -67.190 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 46.318 | 39.451 | -75.882 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 02:30 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5825MHz | |



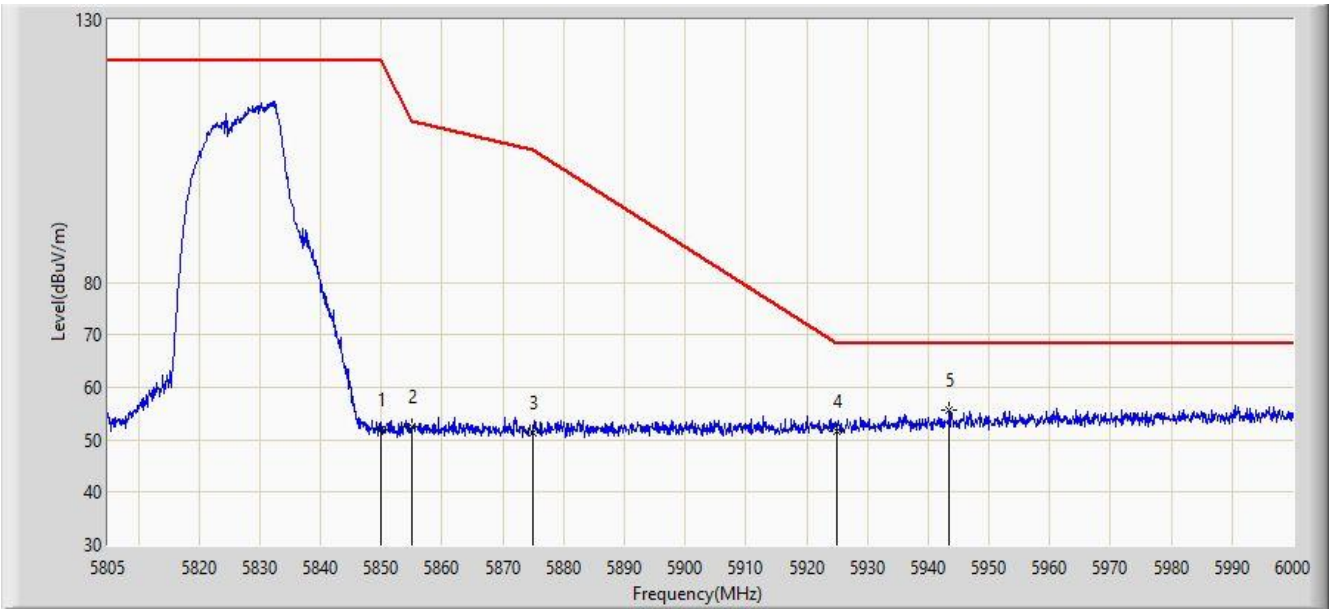

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 54.272 | 46.942 | -67.928 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 54.869 | 47.541 | -55.931 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 54.001 | 46.587 | -51.199 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 53.437 | 46.137 | -14.763 | 68.200 | 7.299 | PK |
| 5 | * | 5944.230 | 56.981 | 49.508 | -11.219 | 68.200 | 7.472 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 02:35 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11a at channel 5825MHz | |



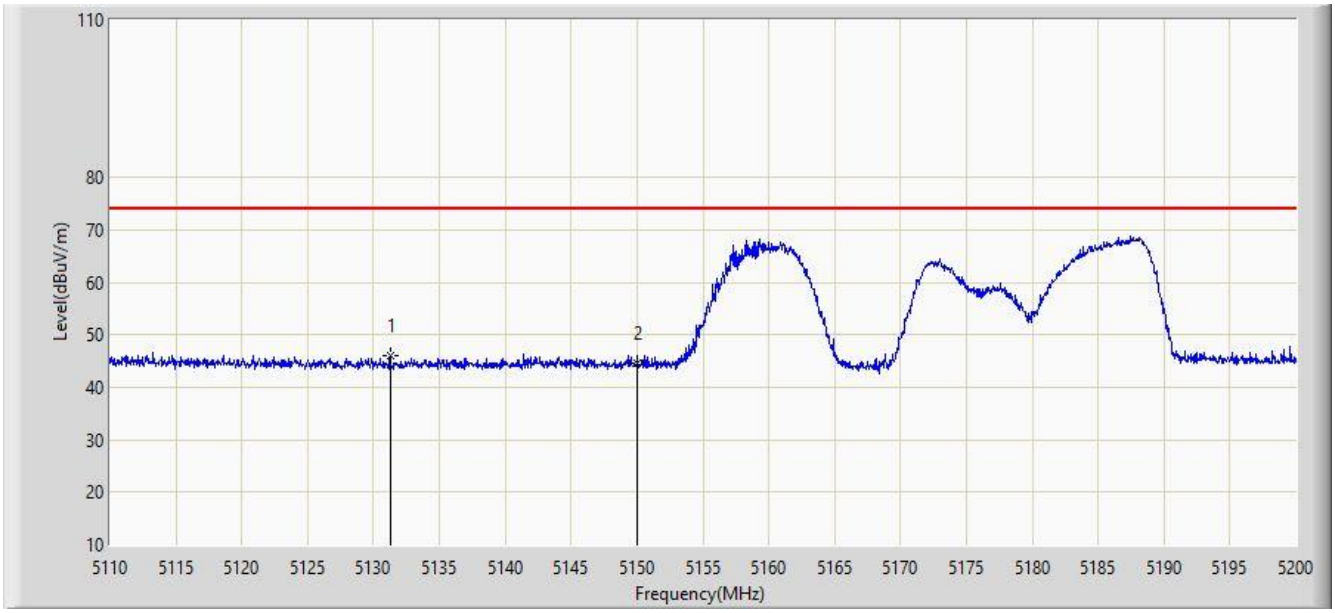

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 51.789 | 44.459 | -70.411 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 52.399 | 45.071 | -58.401 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 51.299 | 43.885 | -53.901 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 51.654 | 44.354 | -16.546 | 68.200 | 7.299 | PK |
| 5 | * | 5943.450 | 55.555 | 48.092 | -12.645 | 68.200 | 7.464 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:16 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz | |



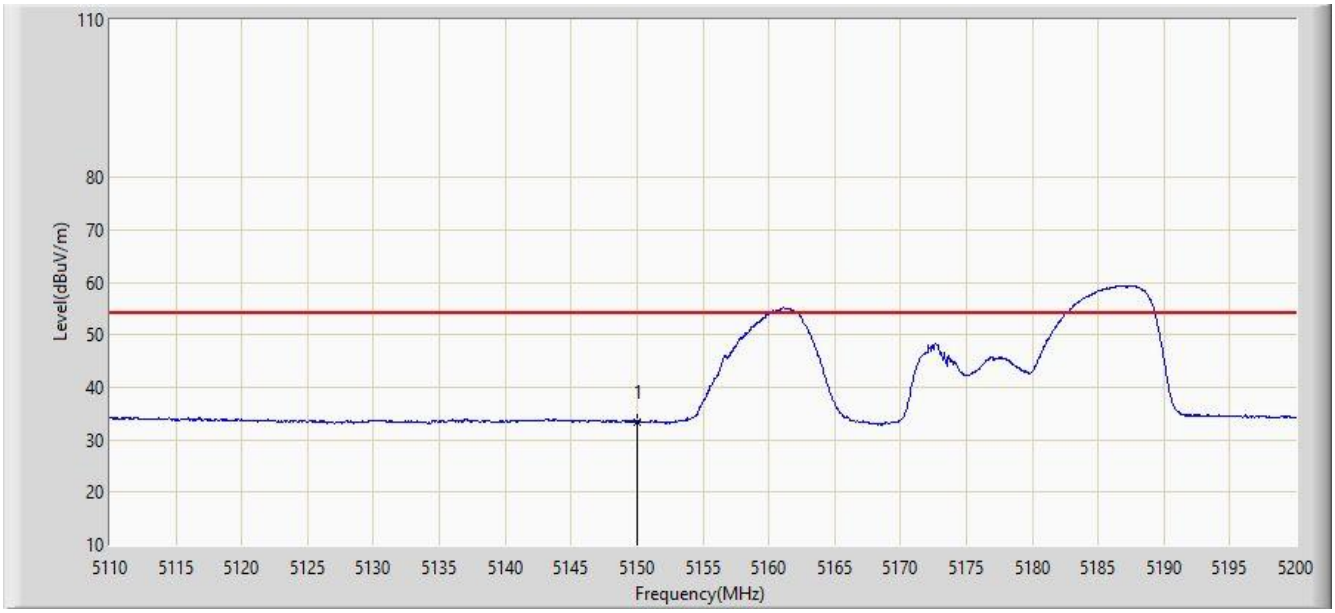

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5131.285 | 46.019 | 39.380 | -27.981 | 74.000 | 6.639 | PK |
| 2 | | 5150.000 | 44.673 | 38.276 | -29.327 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:21 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz | |



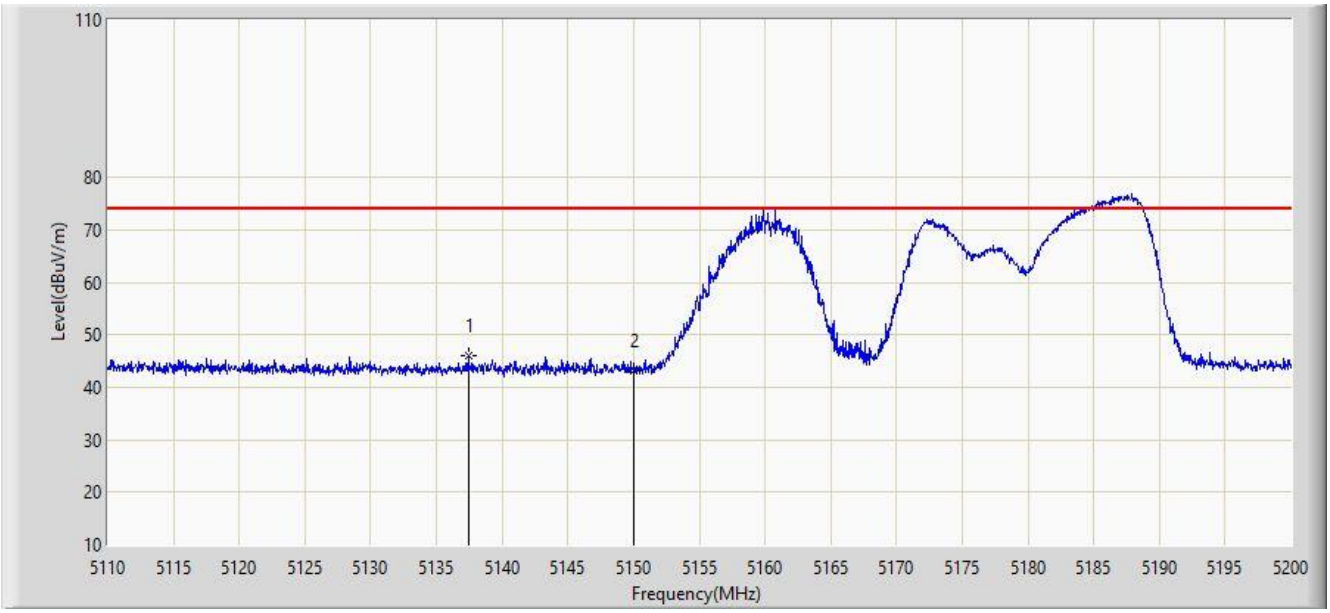

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.484 | 27.087 | -20.516 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:26 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz | |



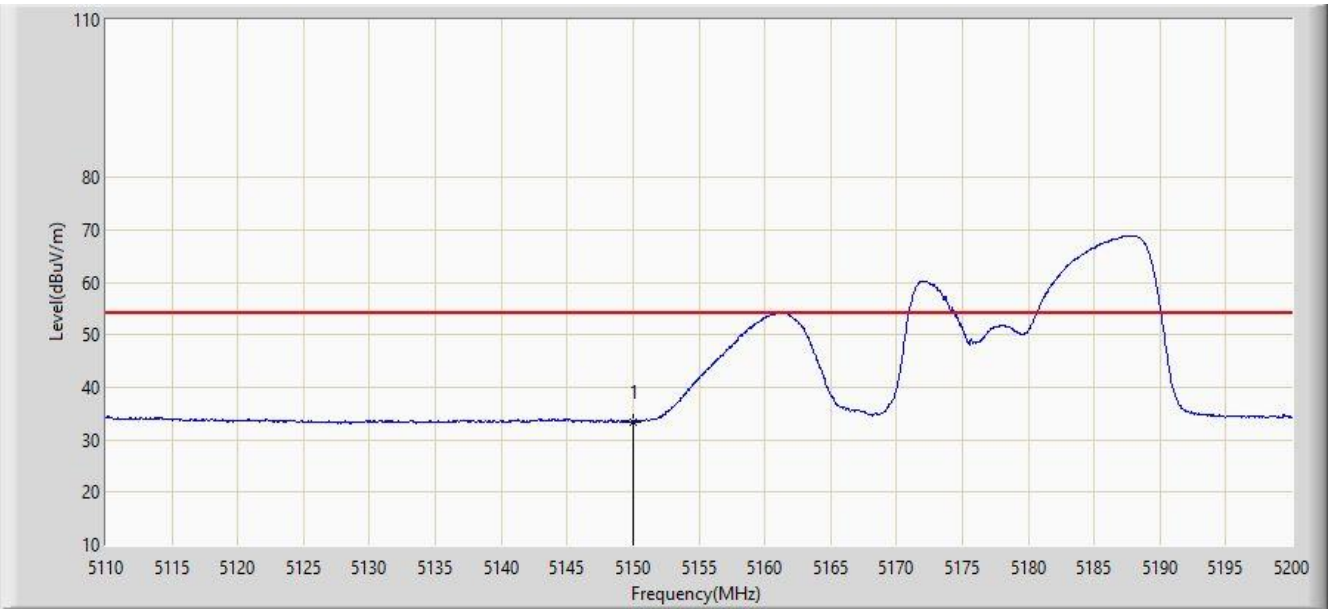

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5137.405 | 46.092 | 39.542 | -27.908 | 74.000 | 6.550 | PK |
| 2 | | 5150.000 | 43.258 | 36.861 | -30.742 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:27 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz | |



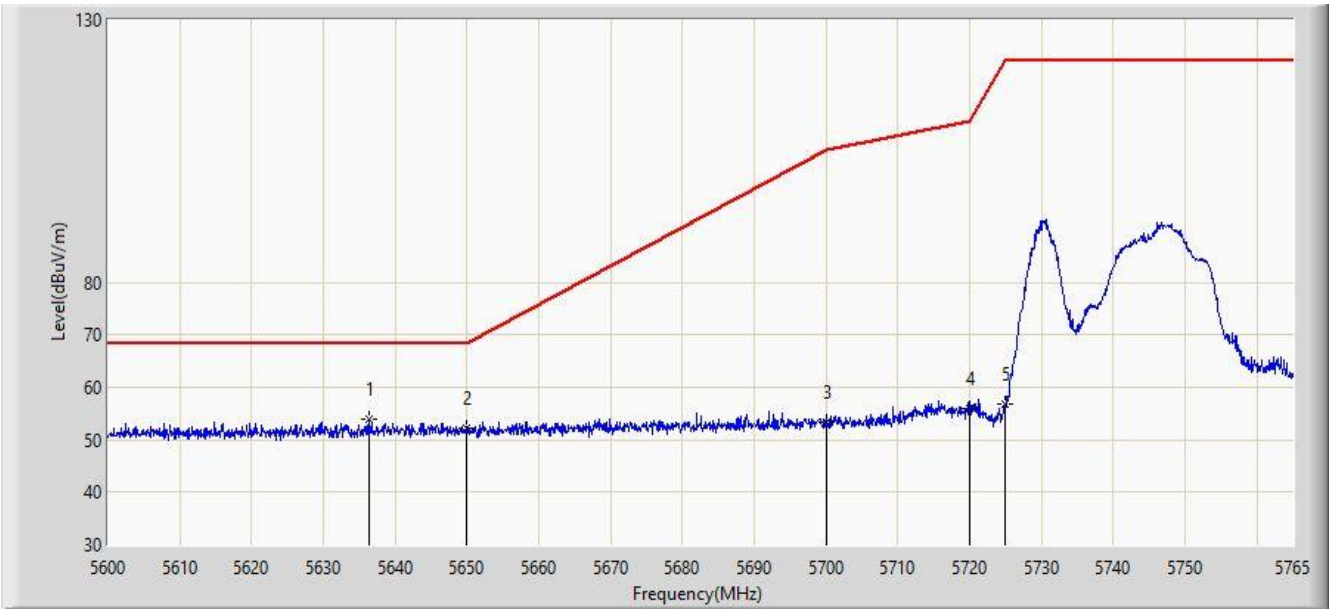

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.457 | 27.060 | -20.543 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 02:43 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz | |



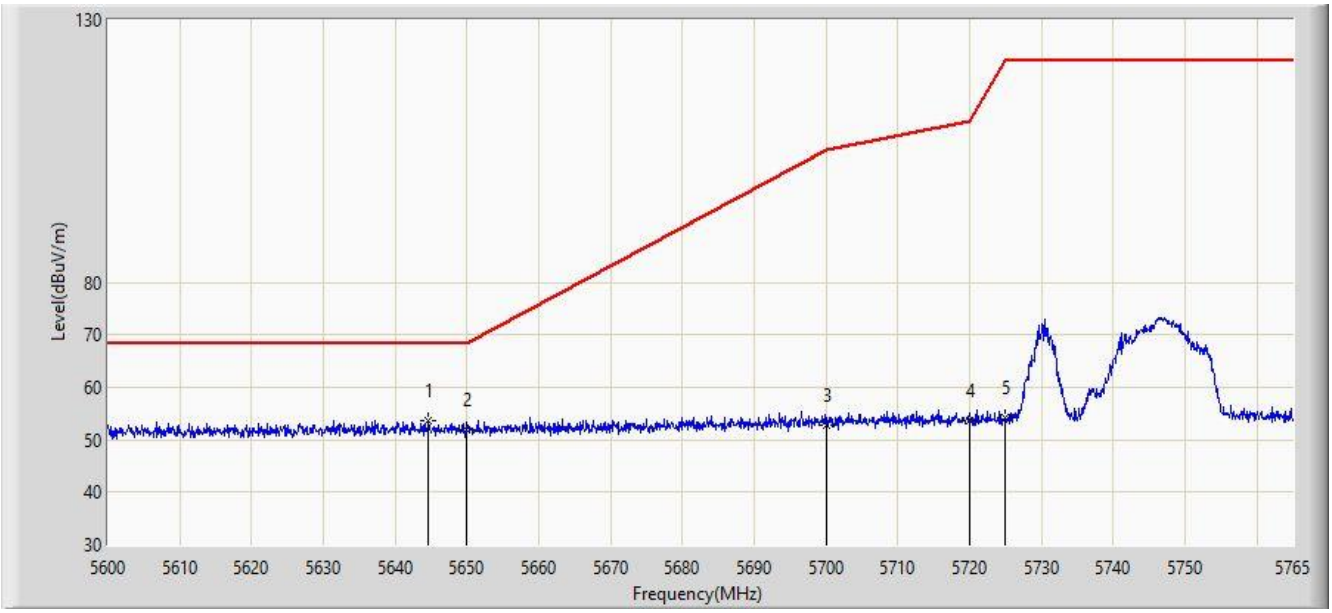

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5636.382 | 53.802 | 47.000 | -14.398 | 68.200 | 6.802 | PK |
| 2 | | 5650.000 | 52.293 | 45.500 | -15.907 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 53.269 | 46.360 | -51.931 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 56.062 | 49.158 | -54.738 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 56.748 | 49.881 | -65.452 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 02:48 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz | |



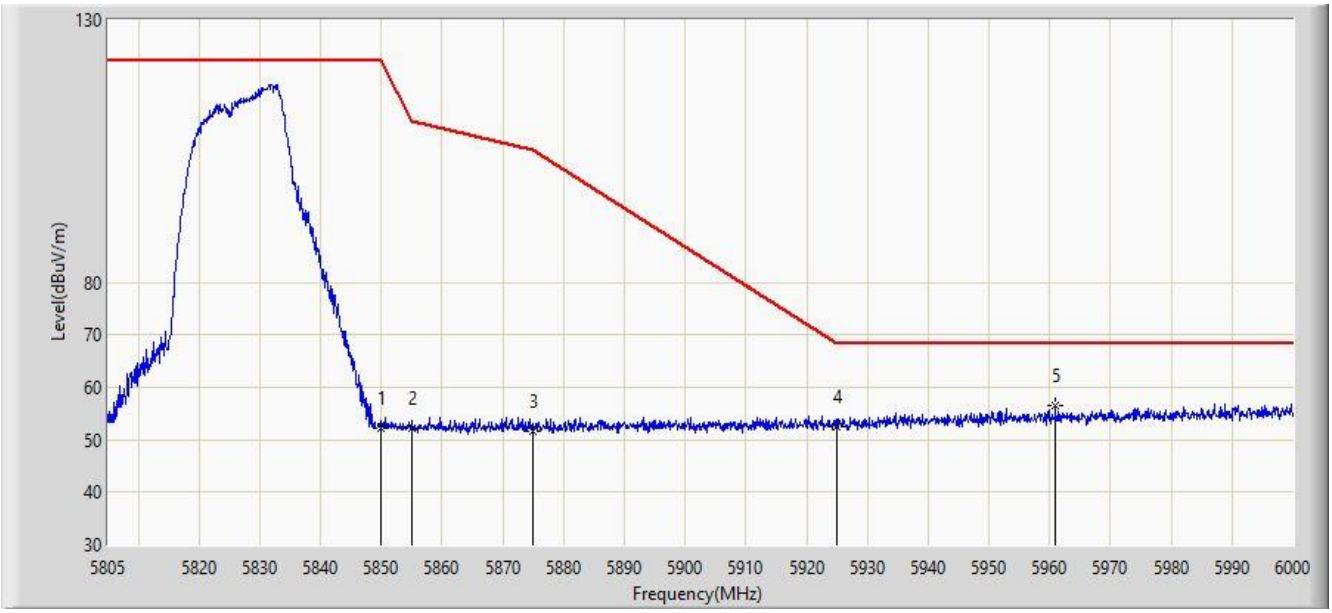

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5644.632 | 53.693 | 46.877 | -14.507 | 68.200 | 6.816 | PK |
| 2 | | 5650.000 | 51.916 | 45.123 | -16.284 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 52.885 | 45.976 | -52.315 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 53.624 | 46.720 | -57.176 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 54.215 | 47.348 | -67.985 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 02:57 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz | |



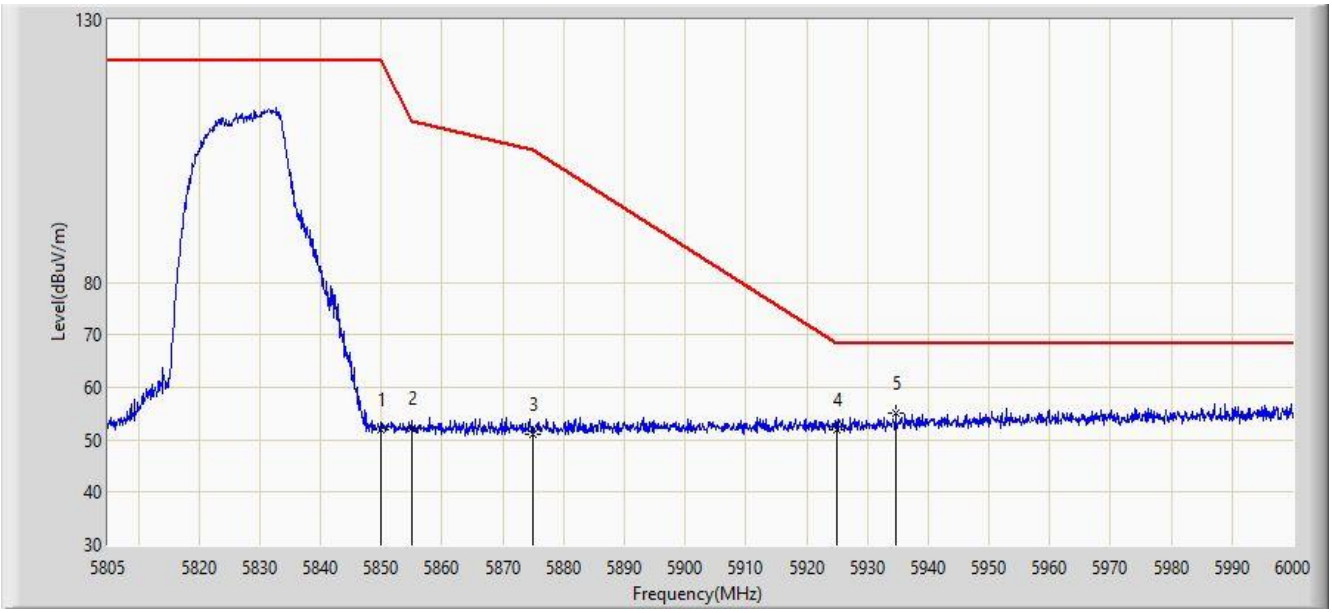

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 52.160 | 44.830 | -70.040 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 52.174 | 44.846 | -58.626 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 51.742 | 44.328 | -53.458 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 52.422 | 45.122 | -15.778 | 68.200 | 7.299 | PK |
| 5 | * | 5960.902 | 56.547 | 49.136 | -11.653 | 68.200 | 7.411 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:05 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz | |



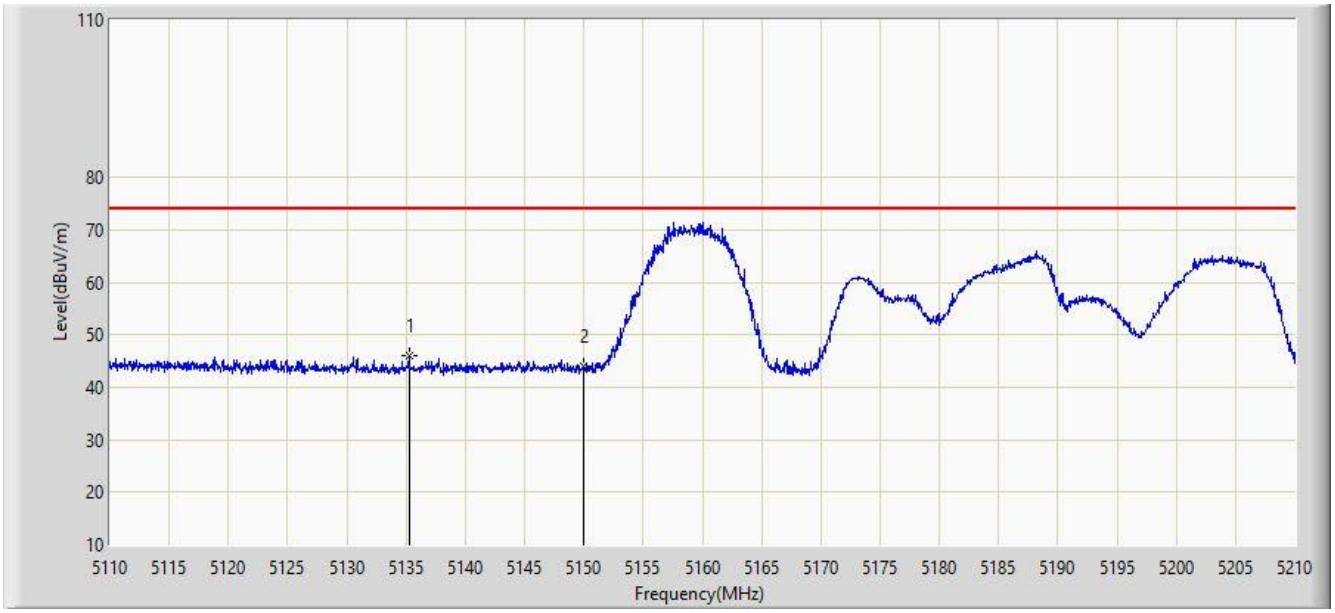

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 51.901 | 44.571 | -70.299 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 52.174 | 44.846 | -58.626 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 51.141 | 43.727 | -54.059 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 51.976 | 44.676 | -16.224 | 68.200 | 7.299 | PK |
| 5 | * | 5934.578 | 55.038 | 47.681 | -13.162 | 68.200 | 7.357 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:28 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz | |



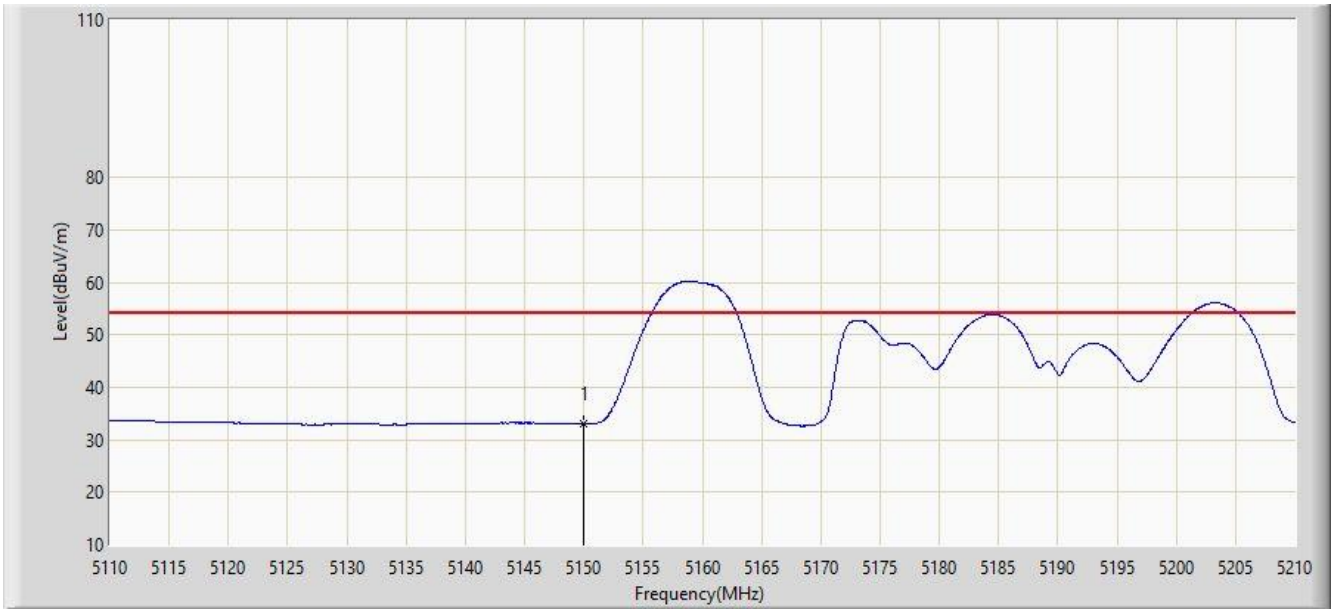

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5135.250 | 46.036 | 39.454 | -27.964 | 74.000 | 6.582 | PK |
| 2 | | 5150.000 | 43.923 | 37.526 | -30.077 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:31 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz | |



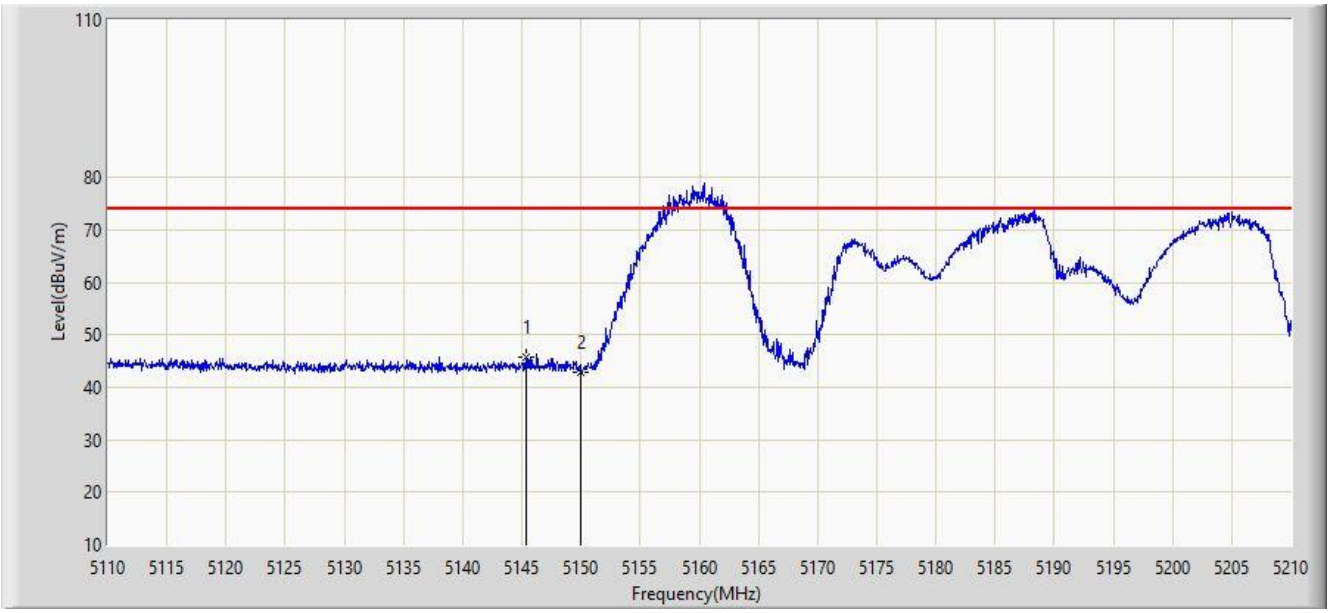

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.032 | 26.635 | -20.968 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:33 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz | |



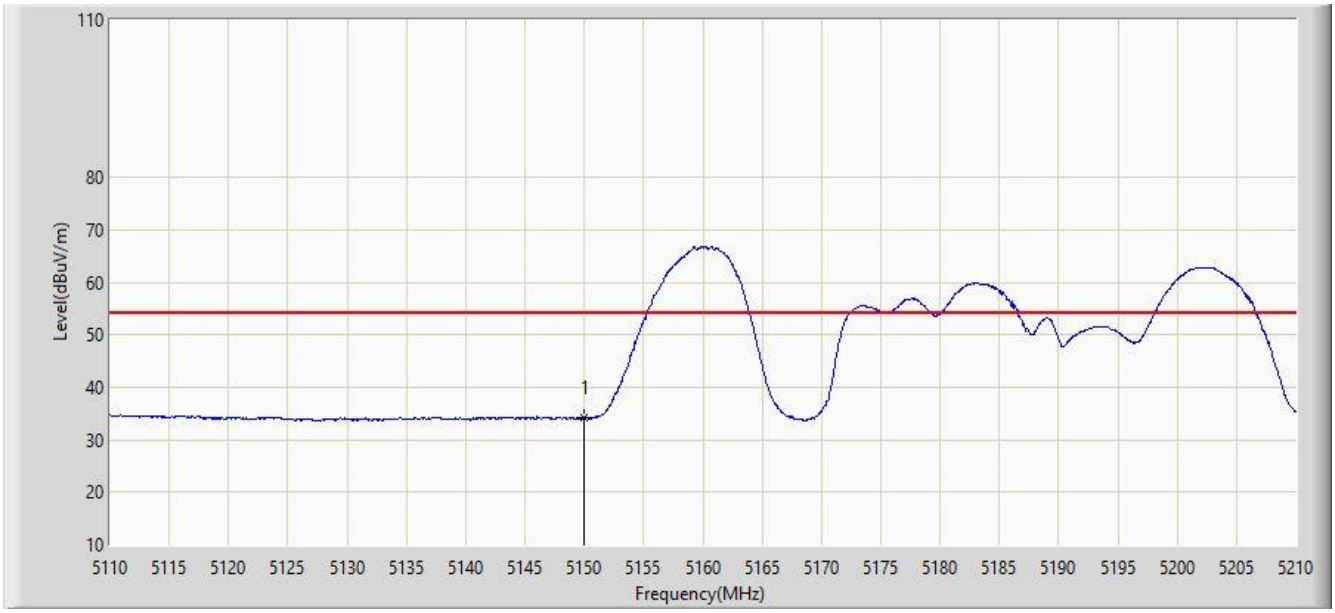

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5145.350 | 45.759 | 39.328 | -28.241 | 74.000 | 6.430 | PK |
| 2 | | 5150.000 | 42.755 | 36.358 | -31.245 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:37 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz | |



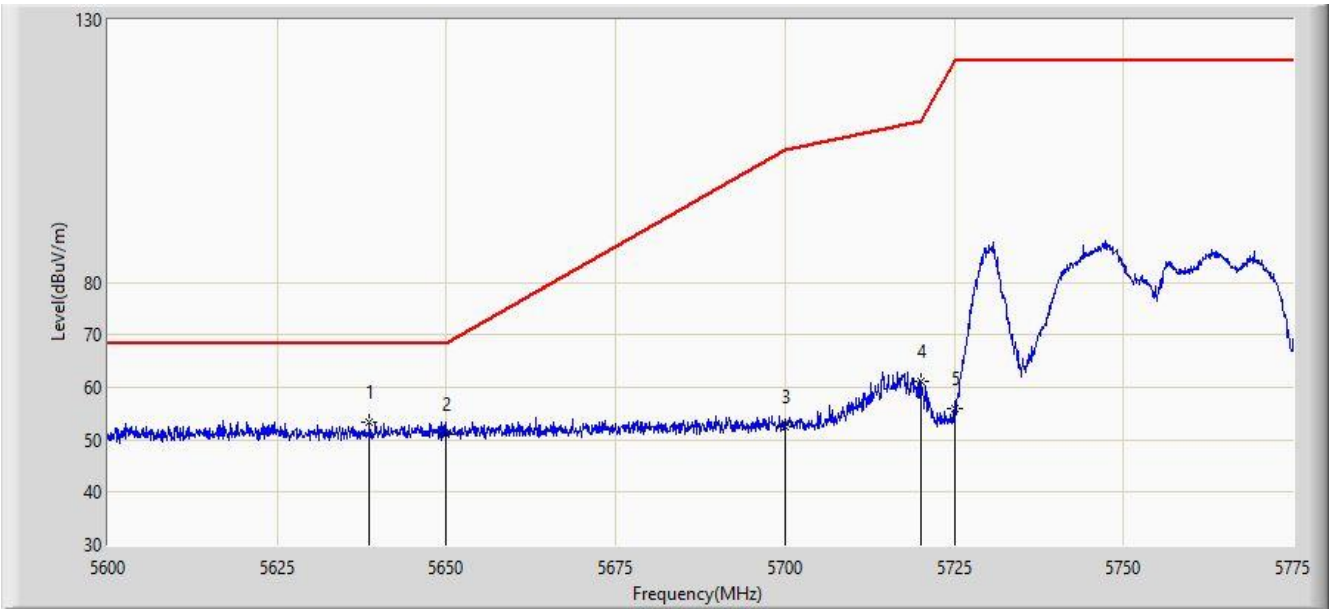

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 34.172 | 27.775 | -19.828 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:09 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz | |



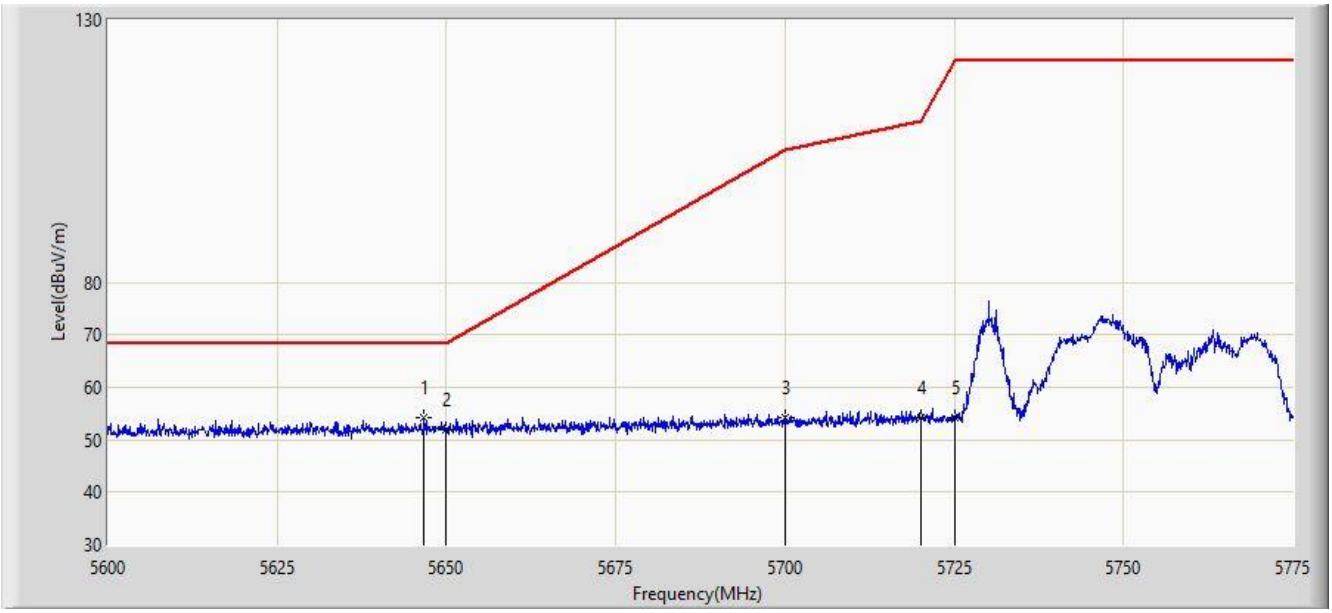

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5638.675 | 53.243 | 46.426 | -14.957 | 68.200 | 6.817 | PK |
| 2 | | 5650.000 | 51.104 | 44.311 | -17.096 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 52.415 | 45.506 | -52.785 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 61.042 | 54.138 | -49.758 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 55.844 | 48.977 | -66.356 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:15 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz | |



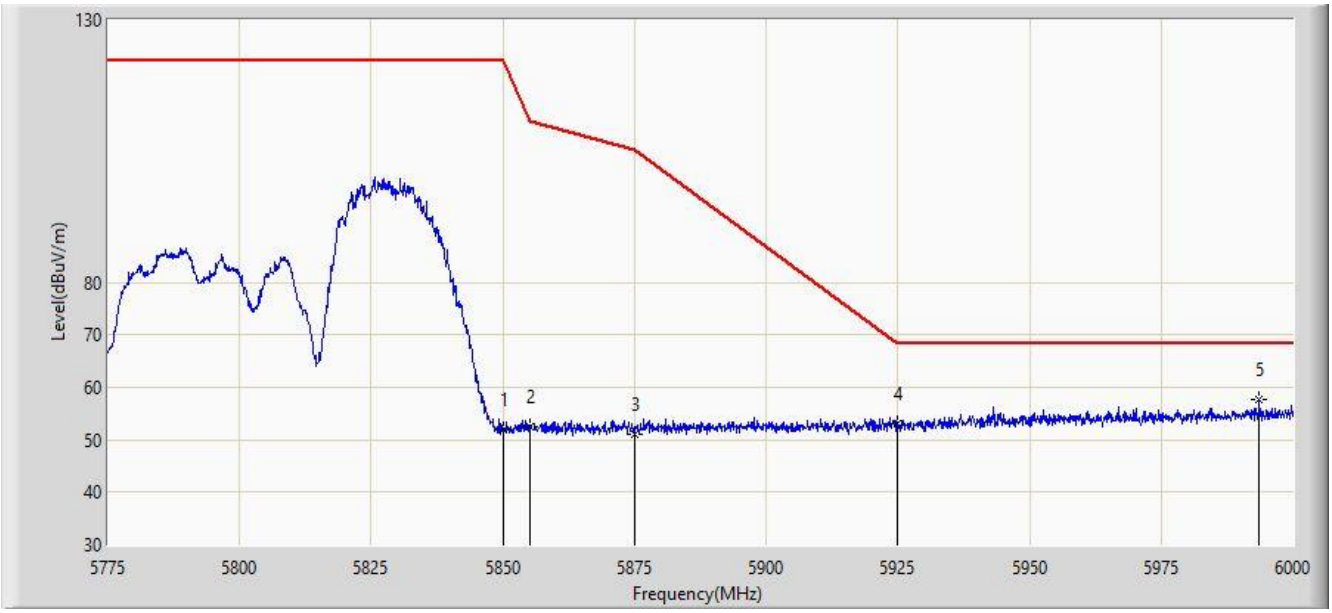

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5646.725 | 54.211 | 47.404 | -13.989 | 68.200 | 6.807 | PK |
| 2 | | 5650.000 | 51.840 | 45.047 | -16.360 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 54.325 | 47.416 | -50.875 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 54.133 | 47.229 | -56.667 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 54.134 | 47.267 | -68.066 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:23 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz | |



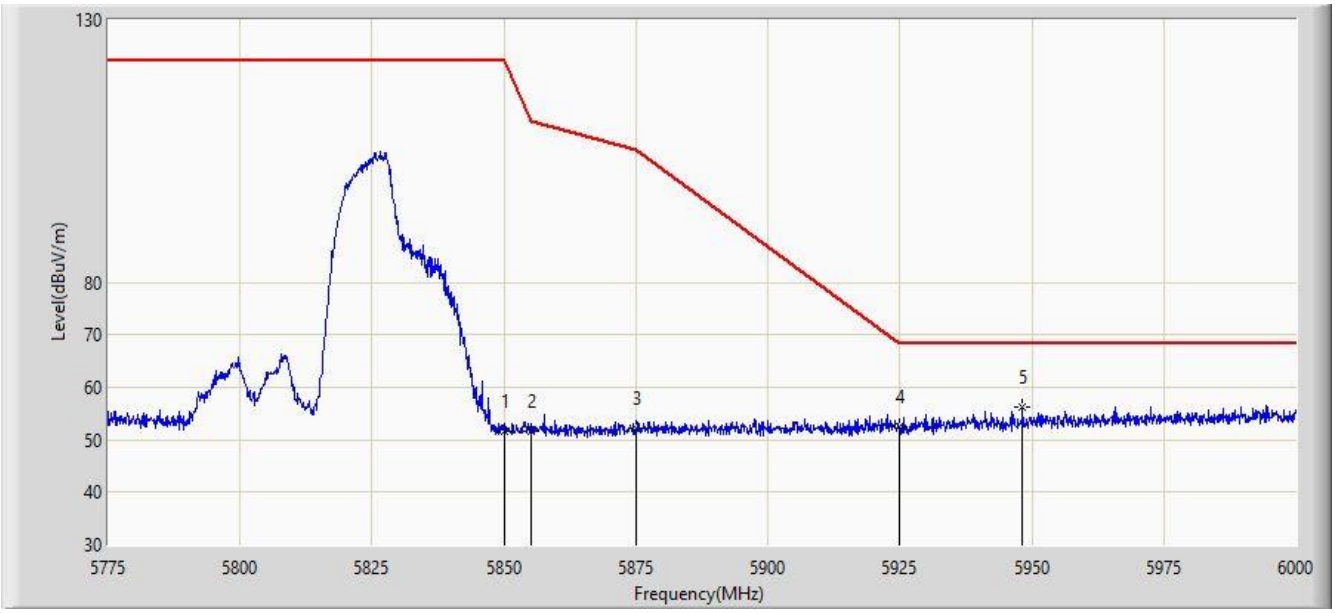

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 51.909 | 44.579 | -70.291 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 52.337 | 45.009 | -58.463 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 51.121 | 43.707 | -54.079 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 53.130 | 45.830 | -15.070 | 68.200 | 7.299 | PK |
| 5 | * | 5993.587 | 57.548 | 50.094 | -10.652 | 68.200 | 7.455 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:28 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz | |



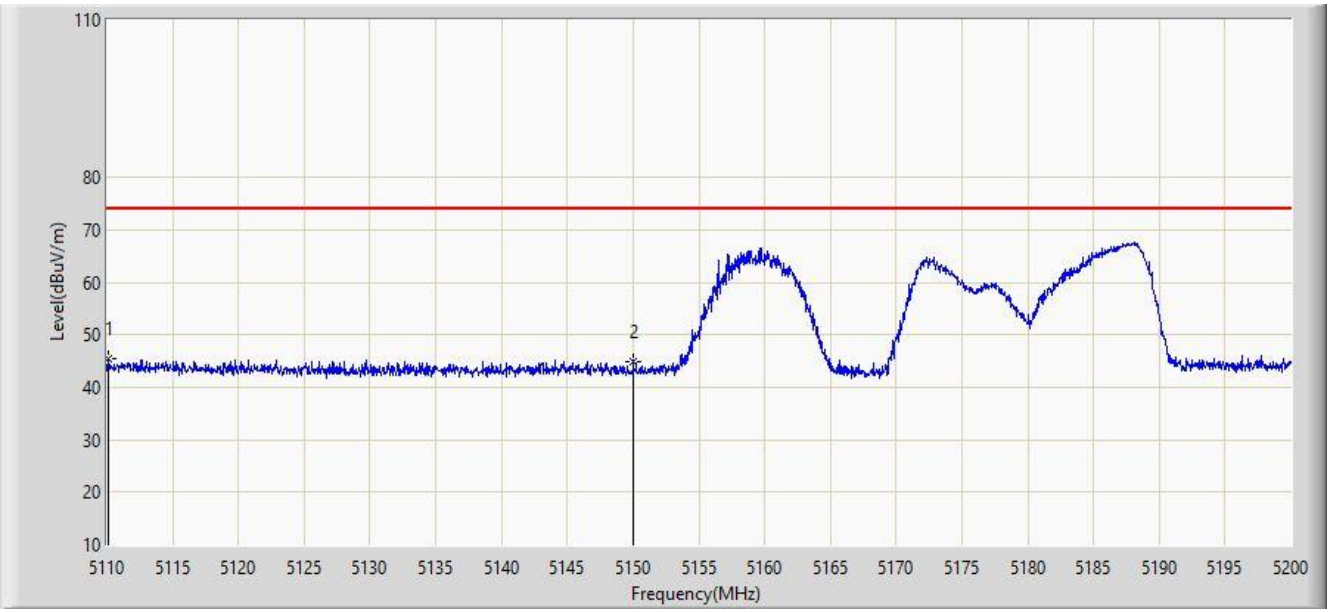

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 51.665 | 44.335 | -70.535 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 51.547 | 44.219 | -59.253 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 52.096 | 44.682 | -53.104 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 52.422 | 45.122 | -15.778 | 68.200 | 7.299 | PK |
| 5 | * | 5948.250 | 56.141 | 48.645 | -12.059 | 68.200 | 7.496 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:41 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz | |



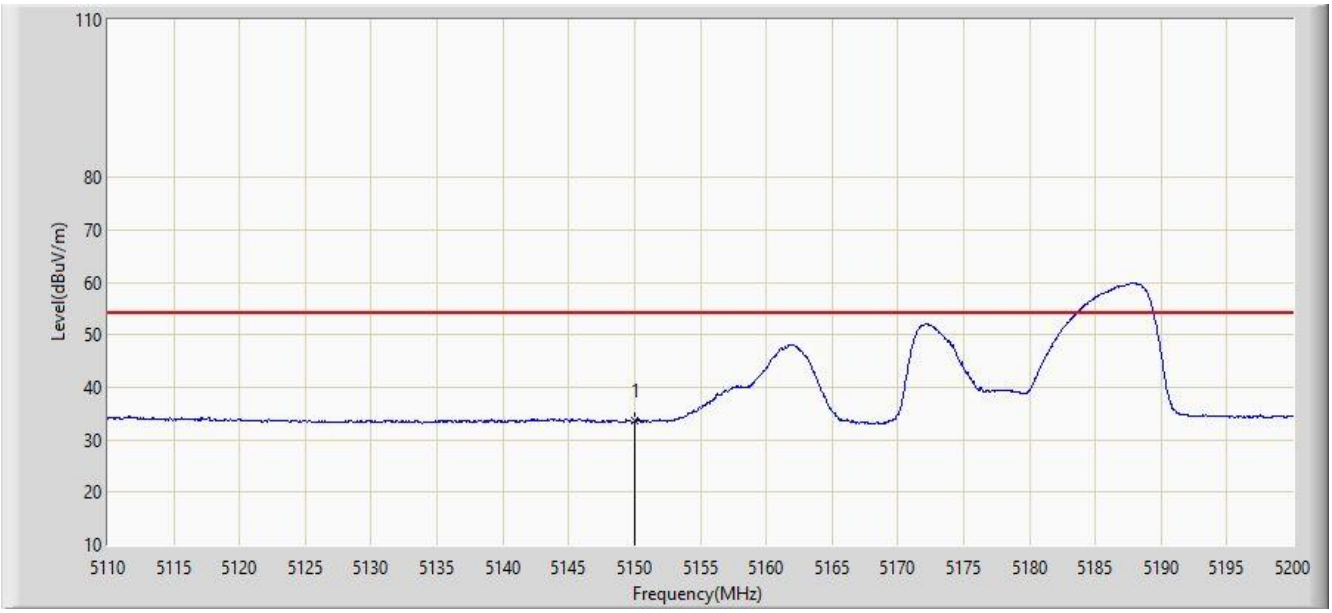

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5110.135 | 45.466 | 39.017 | -28.534 | 74.000 | 6.449 | PK |
| 2 | | 5150.000 | 44.897 | 38.500 | -29.103 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:43 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz | |



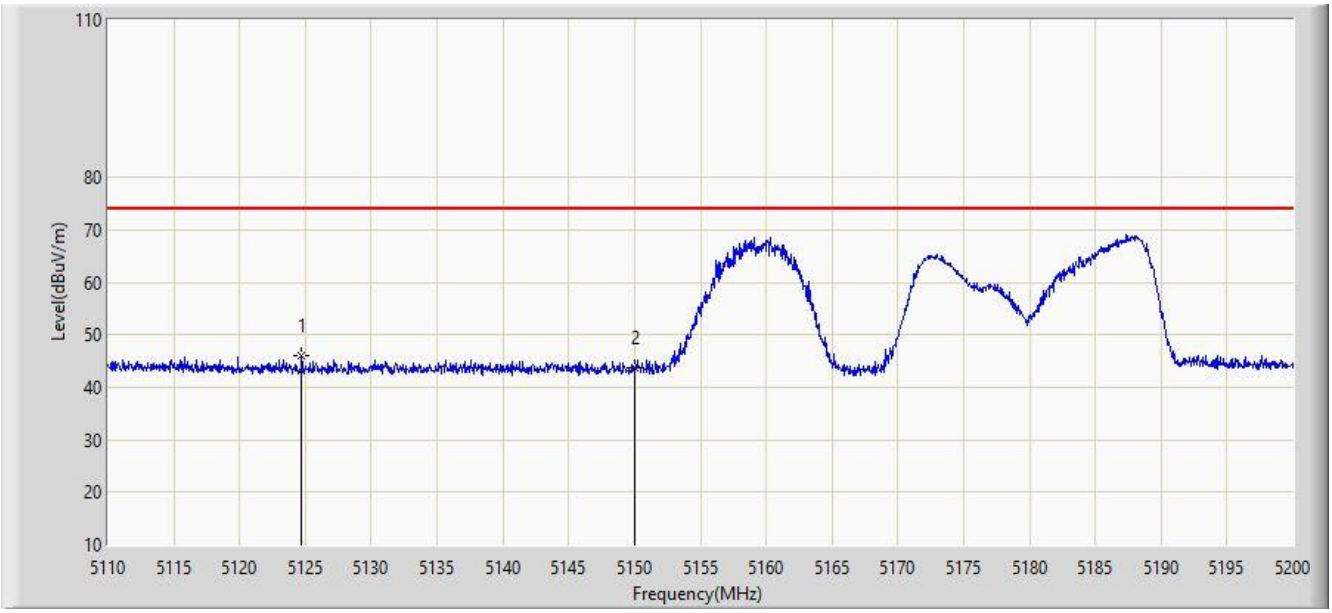

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.617 | 27.220 | -20.383 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:46 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz | |



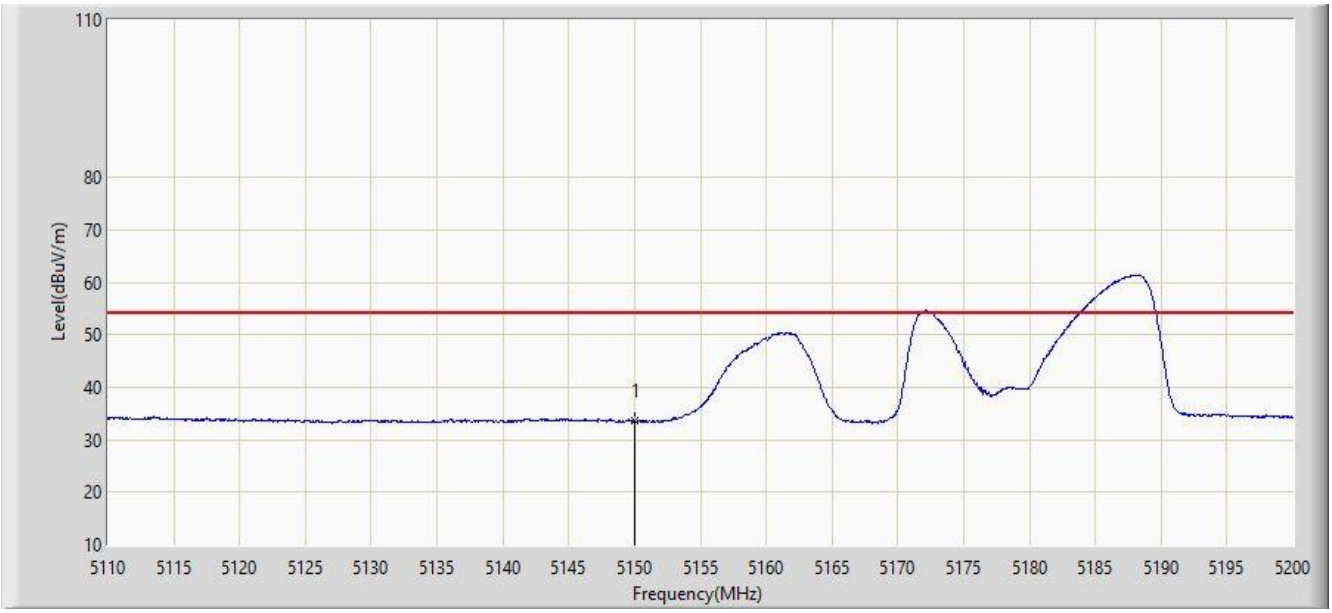

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5124.715 | 46.103 | 39.524 | -27.897 | 74.000 | 6.579 | PK |
| 2 | | 5150.000 | 43.653 | 37.256 | -30.347 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:48 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz | |



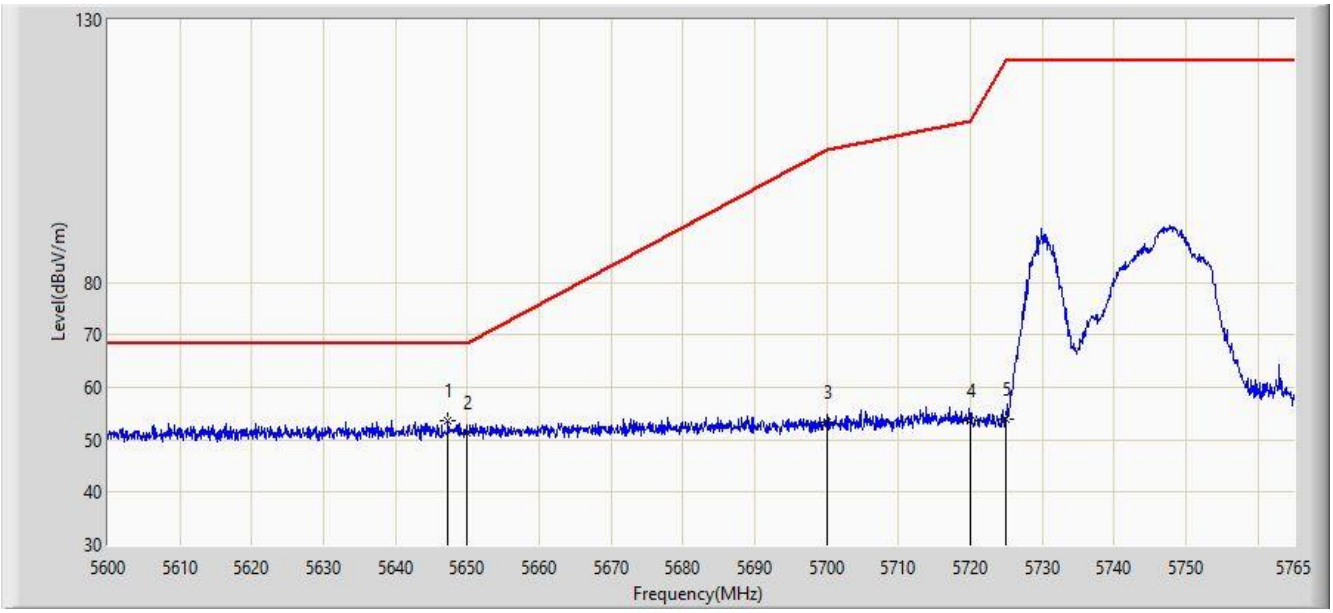

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 33.560 | 27.163 | -20.440 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:36 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz | |



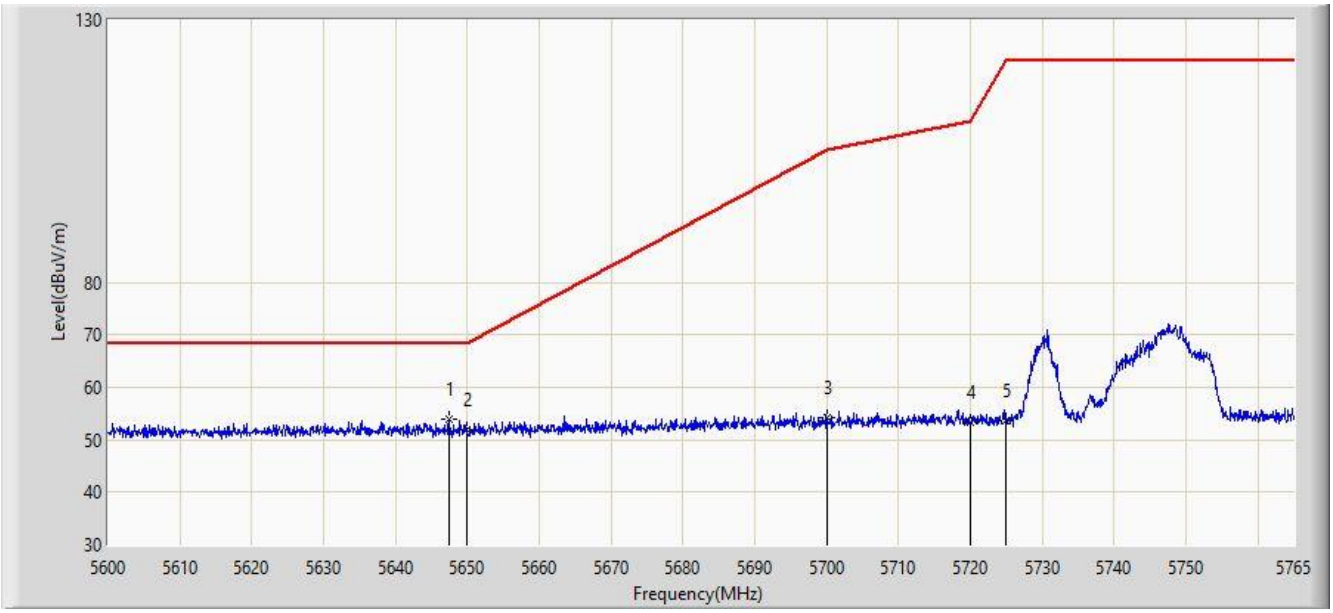

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5647.272 | 53.541 | 46.736 | -14.659 | 68.200 | 6.805 | PK |
| 2 | | 5650.000 | 51.450 | 44.657 | -16.750 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 53.396 | 46.487 | -51.804 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 53.706 | 46.802 | -57.094 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 53.858 | 46.991 | -68.342 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:38 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz | |



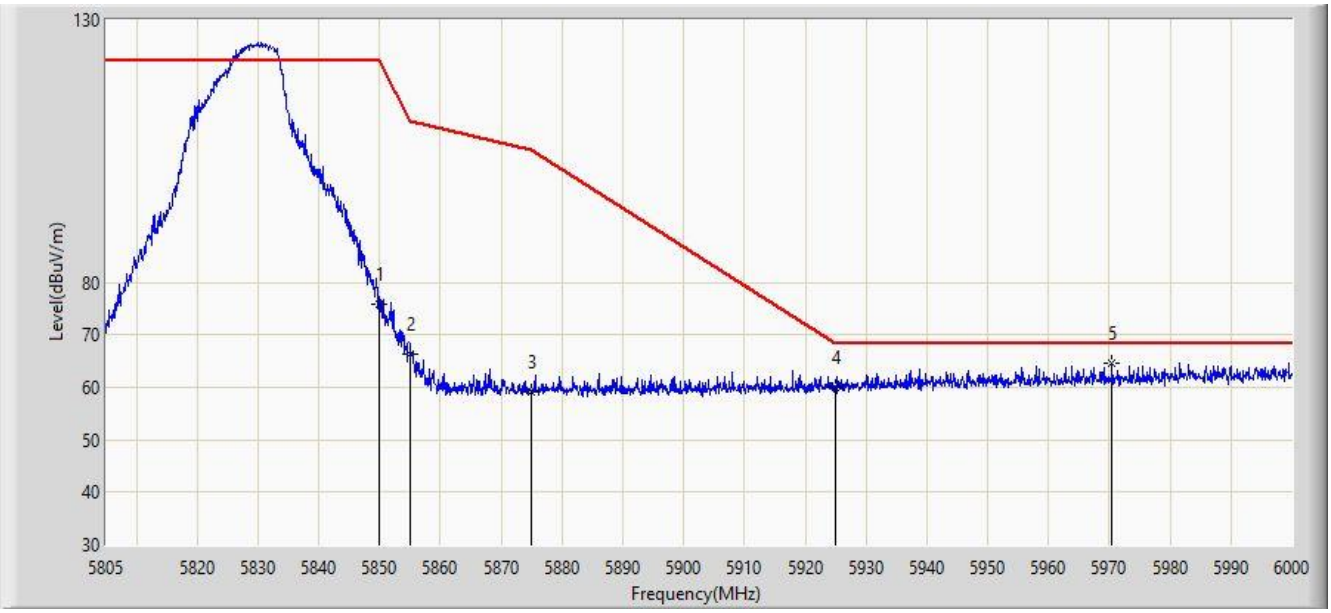

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5647.437 | 53.896 | 47.092 | -14.304 | 68.200 | 6.805 | PK |
| 2 | | 5650.000 | 51.819 | 45.026 | -16.381 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 54.082 | 47.173 | -51.118 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 53.219 | 46.315 | -57.581 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 53.581 | 46.714 | -68.619 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:43 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz | |



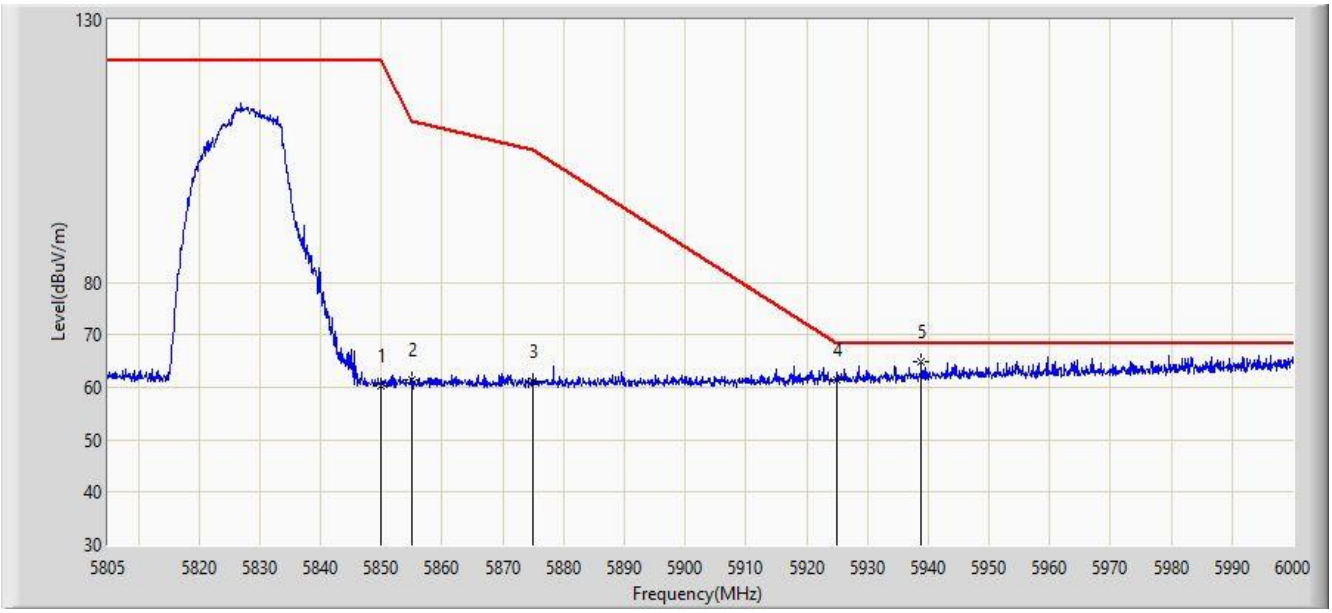

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 75.787 | 68.457 | -46.413 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 66.247 | 58.919 | -44.553 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 59.017 | 51.603 | -46.183 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 59.832 | 52.532 | -8.368 | 68.200 | 7.299 | PK |
| 5 | * | 5970.458 | 64.705 | 57.332 | -3.495 | 68.200 | 7.372 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 03:57 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz | |



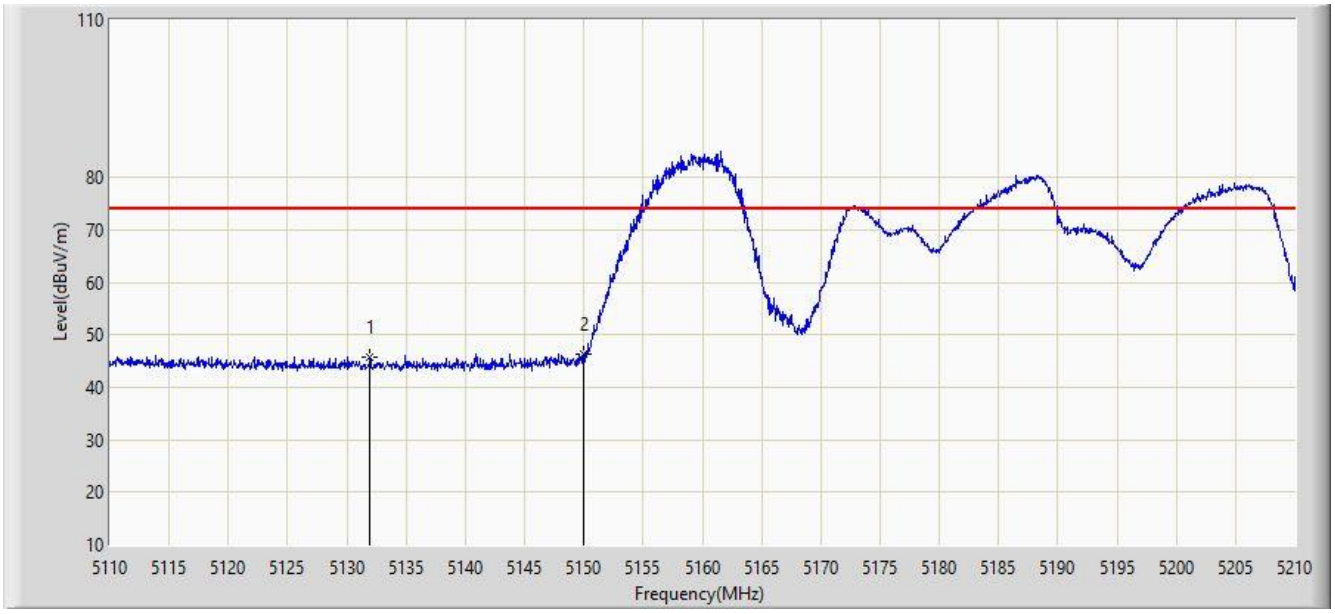

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 60.249 | 52.919 | -61.951 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 61.452 | 54.124 | -49.348 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 61.007 | 53.593 | -44.193 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 61.452 | 54.152 | -6.748 | 68.200 | 7.299 | PK |
| 5 | * | 5938.868 | 64.909 | 57.500 | -3.291 | 68.200 | 7.409 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 02:51 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz | |



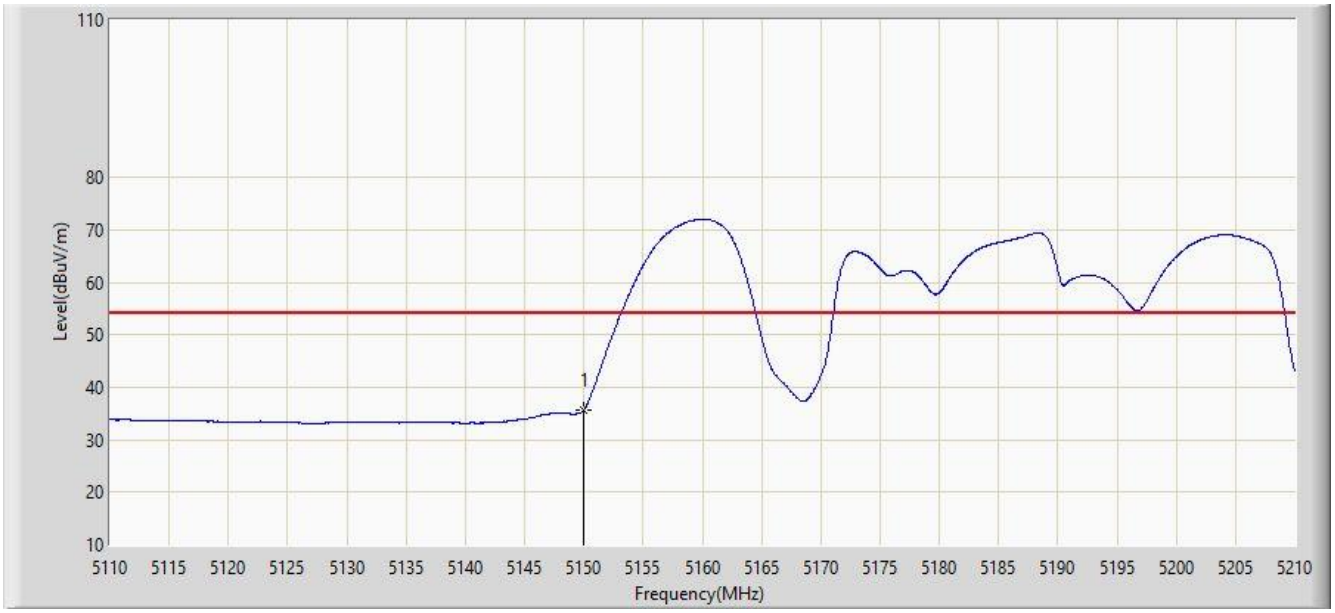

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5131.950 | 45.725 | 39.095 | -28.275 | 74.000 | 6.630 | PK |
| 2 | * | 5150.000 | 46.169 | 39.772 | -27.831 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:02 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz | |



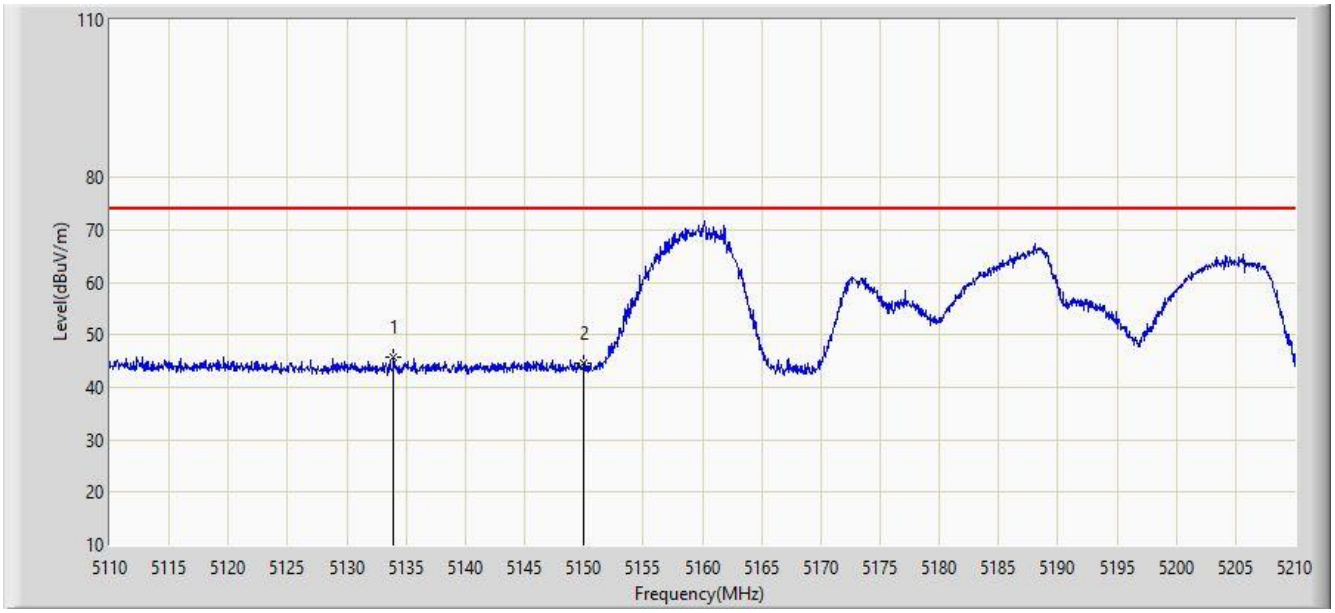

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 35.741 | 29.344 | -18.259 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:05 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz | |



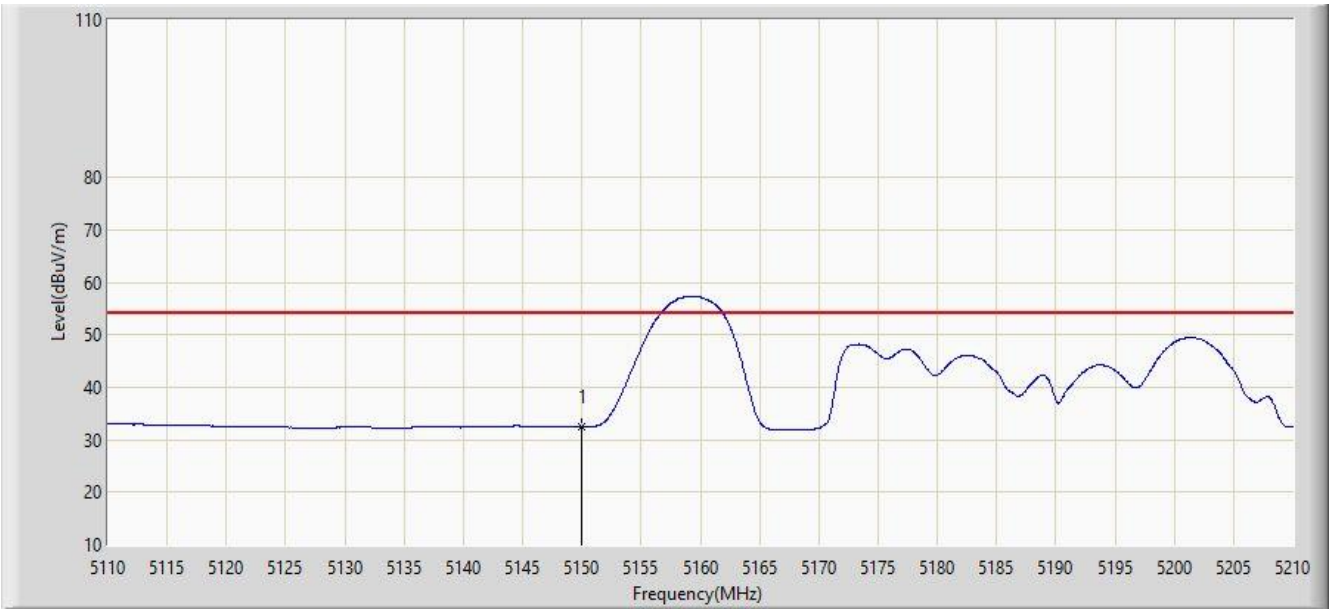

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5133.950 | 45.832 | 39.231 | -28.168 | 74.000 | 6.601 | PK |
| 2 | | 5150.000 | 44.602 | 38.205 | -29.398 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:10 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz | |



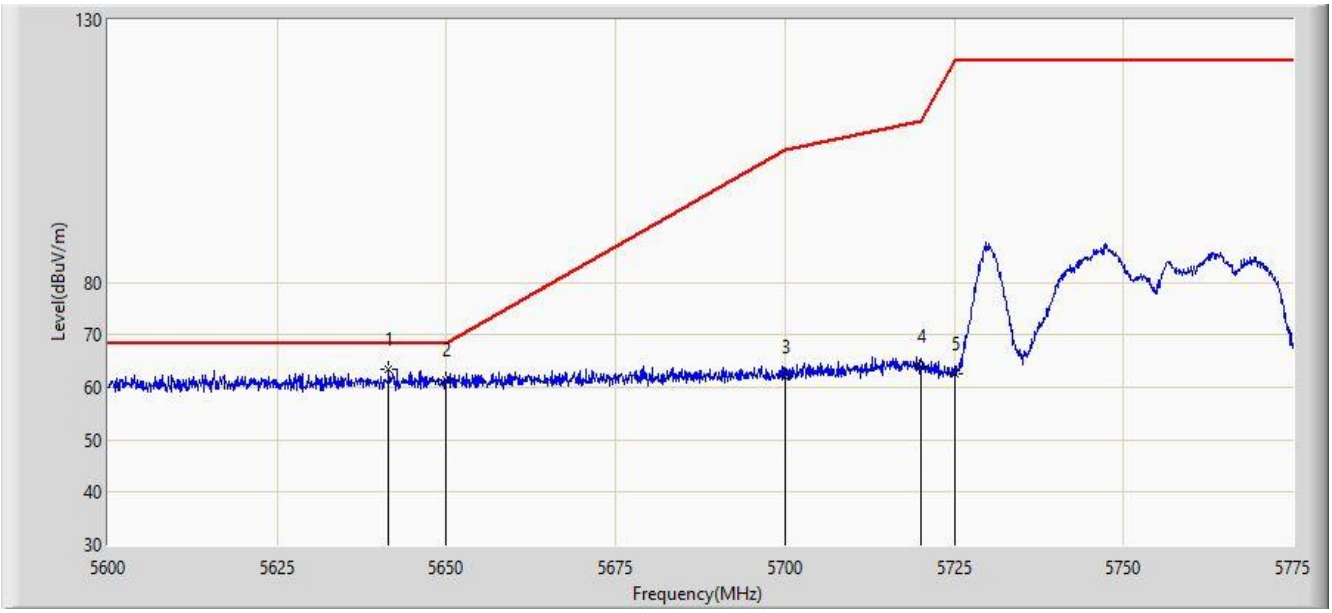

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5150.000 | 32.415 | 26.018 | -21.585 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can’t been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 04:04 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz | |



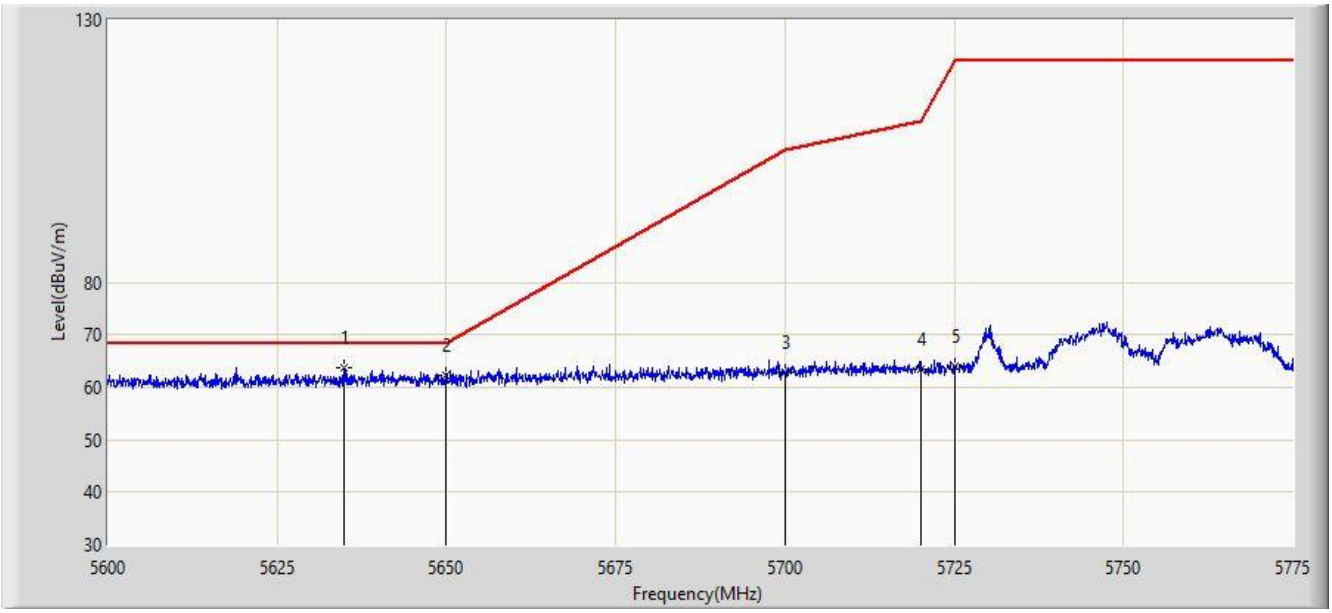

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5641.475 | 63.519 | 56.689 | -4.681 | 68.200 | 6.830 | PK |
| 2 | | 5650.000 | 61.355 | 54.562 | -6.845 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 61.960 | 55.051 | -43.240 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 63.895 | 56.991 | -46.905 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 62.452 | 55.585 | -59.748 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 04:07 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz | |



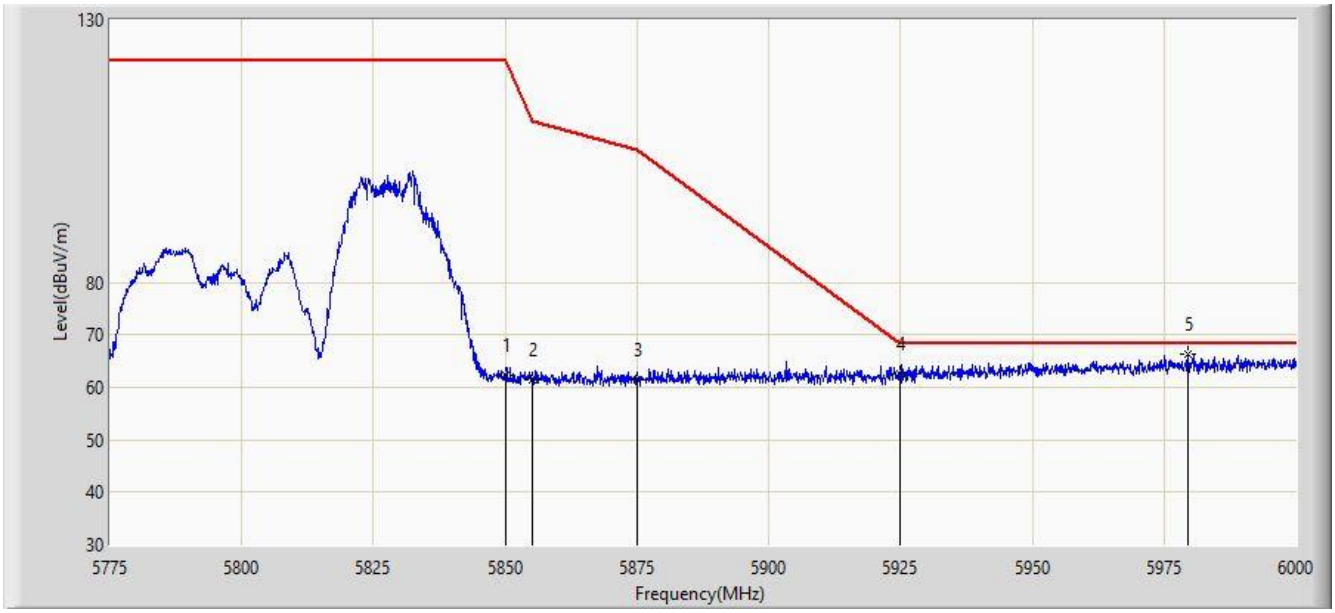

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5634.913 | 63.631 | 56.838 | -4.569 | 68.200 | 6.793 | PK |
| 2 | | 5650.000 | 62.133 | 55.340 | -6.067 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 62.899 | 55.990 | -42.301 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 63.509 | 56.605 | -47.291 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 63.894 | 57.027 | -58.306 | 122.200 | 6.867 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 04:15 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz | |



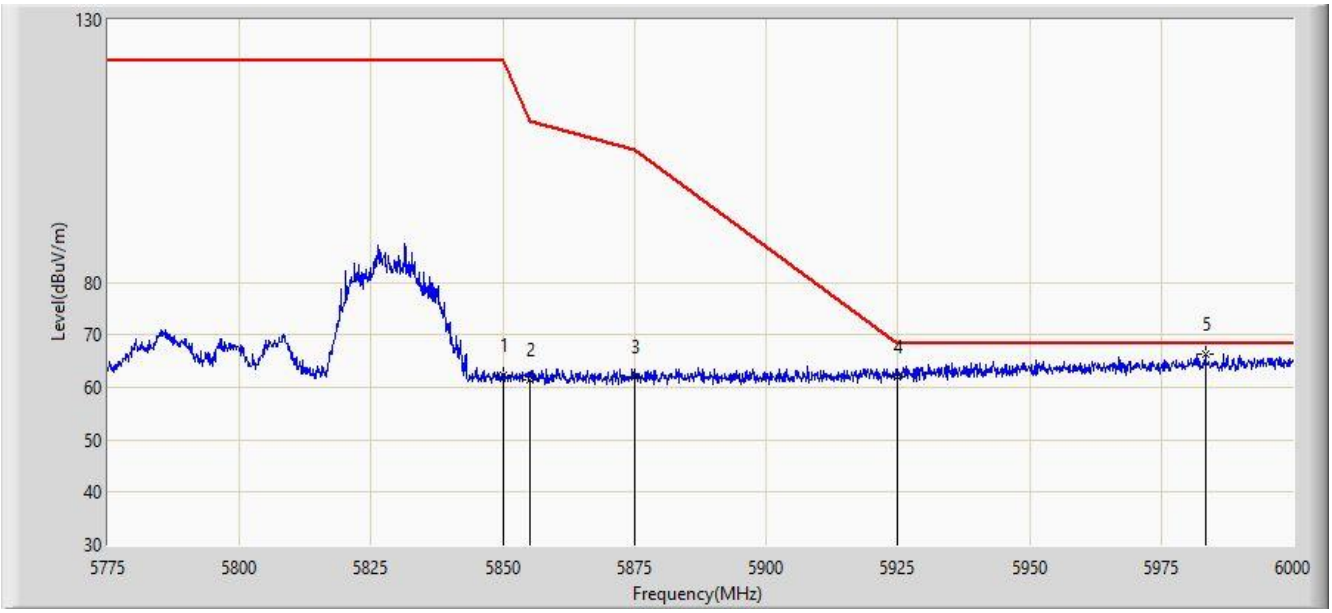

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 62.183 | 54.853 | -60.017 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 61.368 | 54.040 | -49.432 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 61.355 | 53.941 | -43.845 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 62.604 | 55.304 | -5.596 | 68.200 | 7.299 | PK |
| 5 | * | 5979.525 | 66.214 | 58.868 | -1.986 | 68.200 | 7.345 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 04:20 |
| Limit: FCC_Part15.407_Band Edge(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz | |



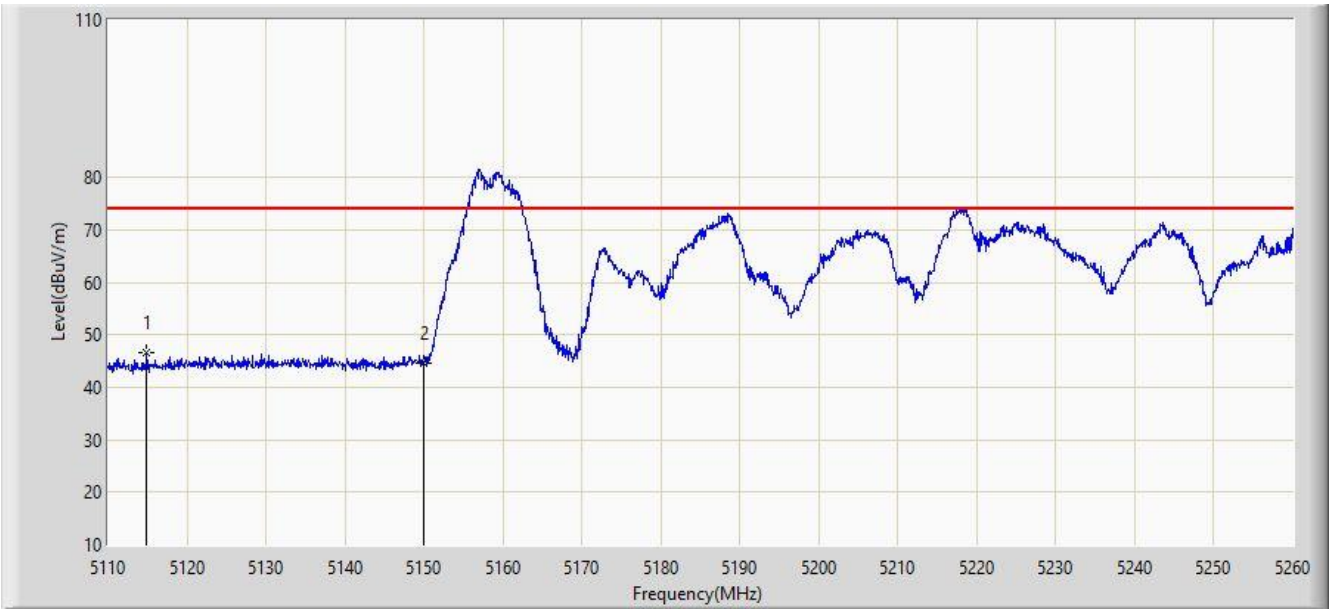

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5850.000 | 62.384 | 55.054 | -59.816 | 122.200 | 7.331 | PK |
| 2 | | 5855.000 | 61.426 | 54.098 | -49.374 | 110.800 | 7.327 | PK |
| 3 | | 5875.000 | 61.956 | 54.542 | -43.244 | 105.200 | 7.414 | PK |
| 4 | | 5925.000 | 61.866 | 54.566 | -6.334 | 68.200 | 7.299 | PK |
| 5 | * | 5983.350 | 66.337 | 58.974 | -1.863 | 68.200 | 7.363 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:14 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz | |



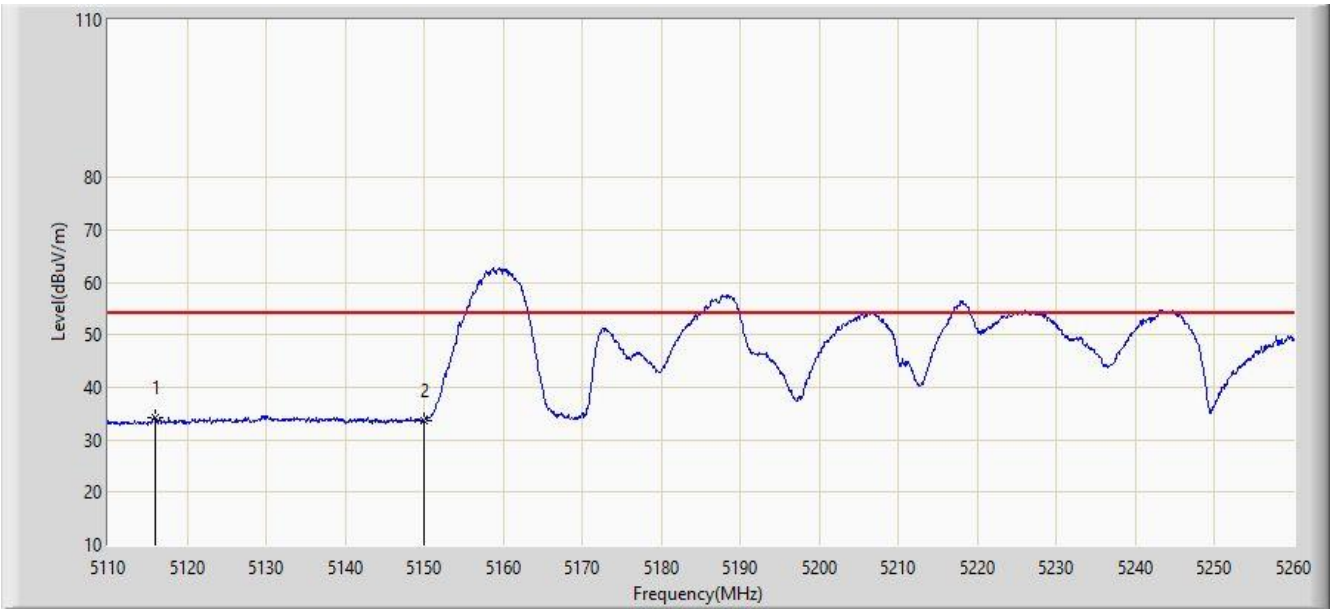

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5114.875 | 46.727 | 40.248 | -27.273 | 74.000 | 6.479 | PK |
| 2 | | 5150.000 | 44.694 | 38.297 | -29.306 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:19 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz | |



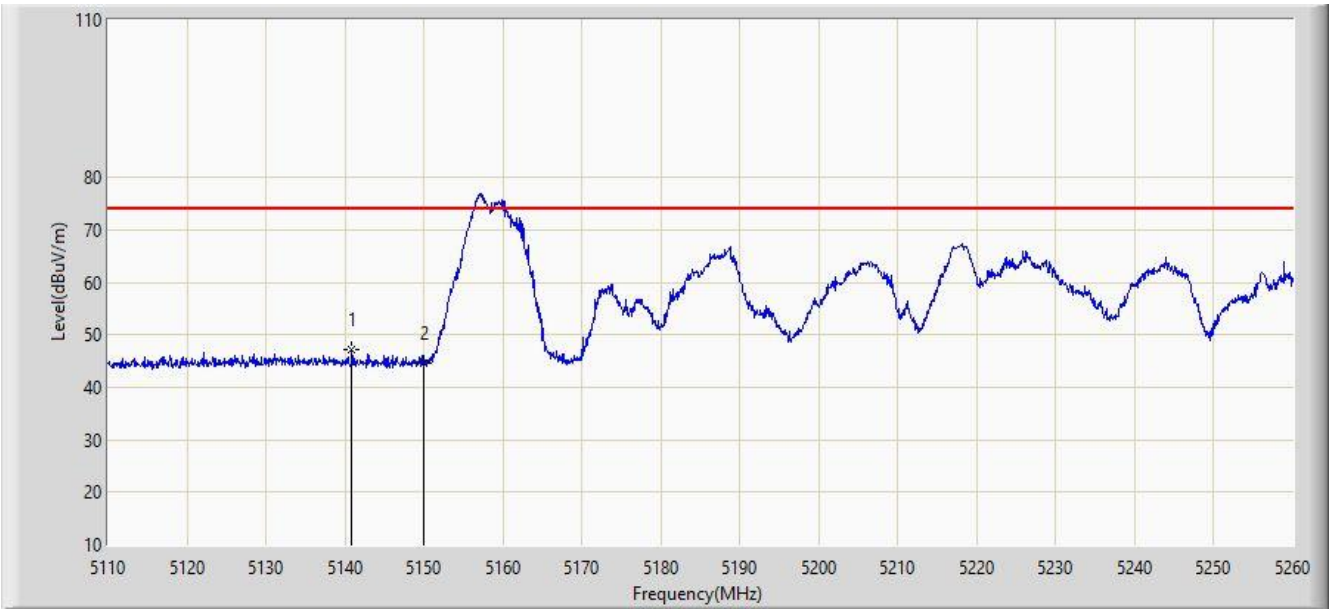

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5116.000 | 34.201 | 27.711 | -19.799 | 54.000 | 6.490 | AV |
| 2 | | 5150.000 | 33.642 | 27.245 | -20.358 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:55 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz | |



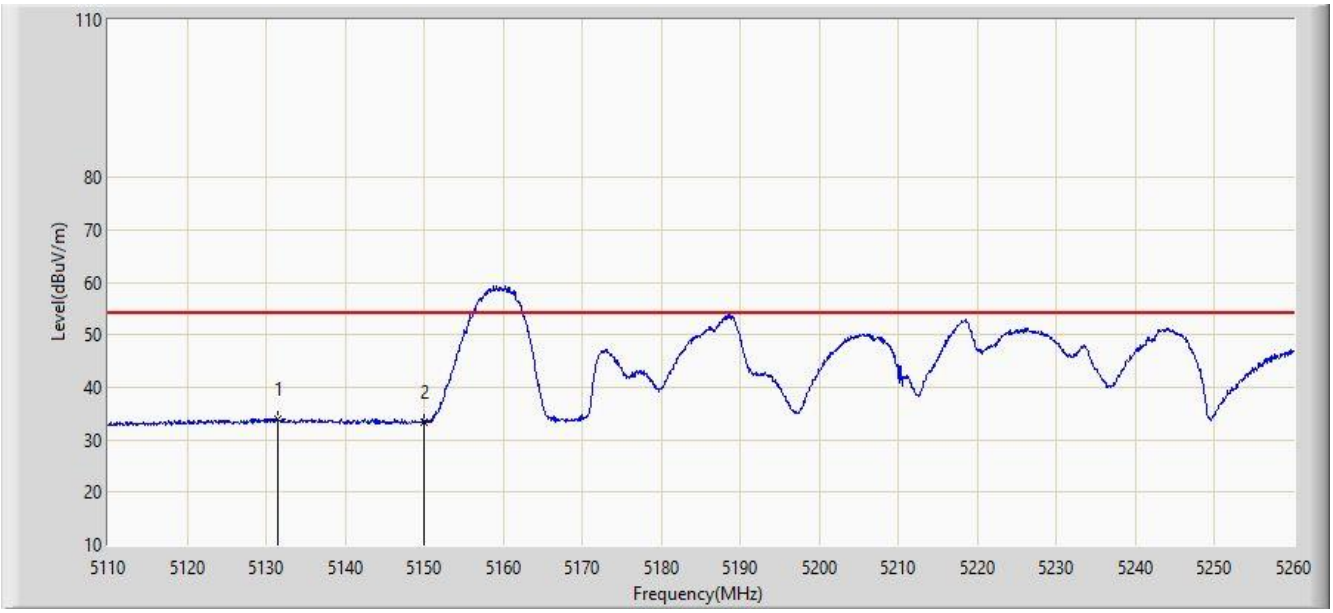

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5140.900 | 47.091 | 40.593 | -26.909 | 74.000 | 6.498 | PK |
| 2 | | 5150.000 | 44.668 | 38.271 | -29.332 | 74.000 | 6.398 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/06 - 03:57 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz | |



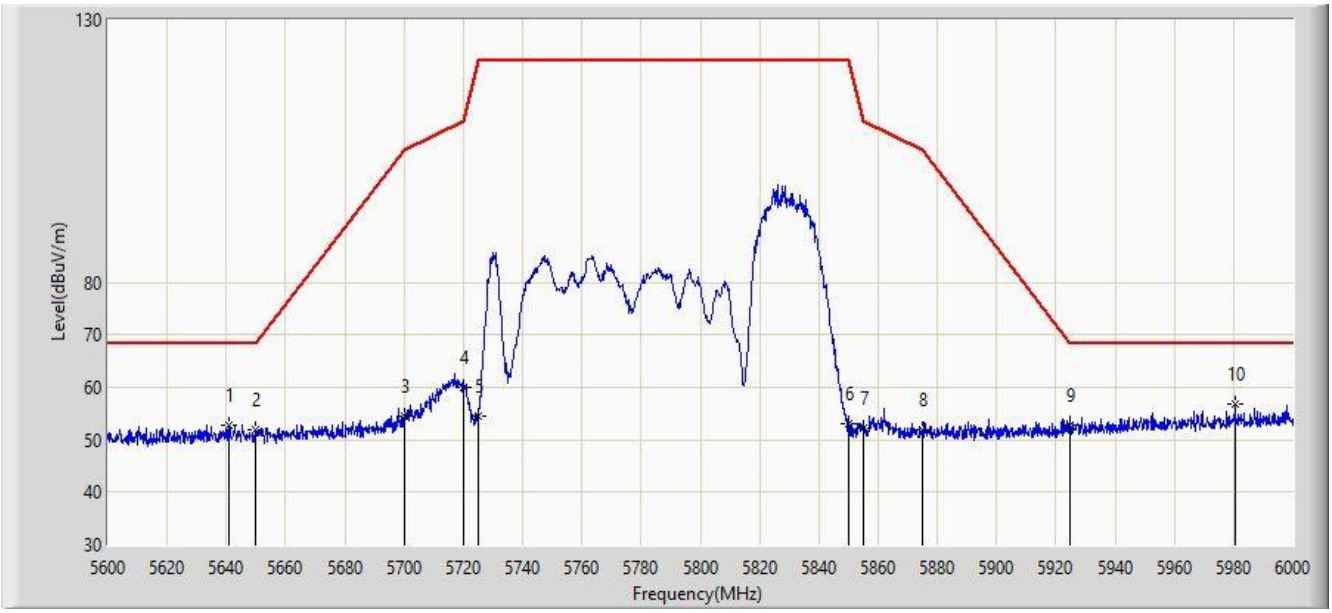

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | * | 5131.450 | 33.952 | 27.315 | -20.048 | 54.000 | 6.637 | AV |
| 2 | | 5150.000 | 33.278 | 26.881 | -20.722 | 54.000 | 6.398 | AV |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 05:00 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz | |



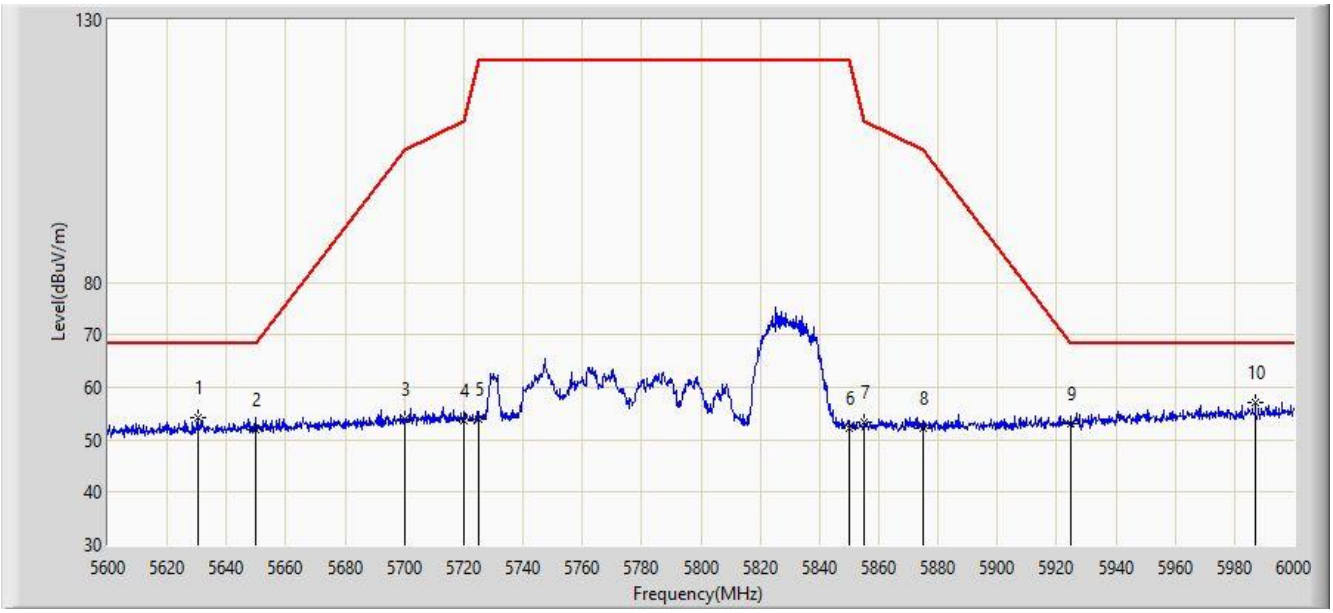

| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5640.600 | 52.687 | 45.858 | -15.513 | 68.200 | 6.830 | PK |
| 2 | | 5650.000 | 51.789 | 44.996 | -16.411 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 54.639 | 47.730 | -50.561 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 59.919 | 53.015 | -50.881 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 54.551 | 47.684 | -67.649 | 122.200 | 6.867 | PK |
| 6 | | 5850.000 | 53.026 | 45.696 | -69.174 | 122.200 | 7.331 | PK |
| 7 | | 5855.000 | 52.126 | 44.798 | -58.674 | 110.800 | 7.327 | PK |
| 8 | | 5875.000 | 51.849 | 44.435 | -53.351 | 105.200 | 7.414 | PK |
| 9 | | 5925.000 | 52.767 | 45.467 | -15.433 | 68.200 | 7.299 | PK |
| 10 | * | 5980.600 | 56.846 | 49.503 | -11.354 | 68.200 | 7.343 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

| | |
|---|---|
| Site: AC1 | Time: 2019/08/07 - 05:07 |
| Limit: FCC_Part15.407_RE(3m) | Engineer: Jason Gao |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz | |




| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5630.200 | 54.205 | 47.443 | -13.995 | 68.200 | 6.762 | PK |
| 2 | | 5650.000 | 52.036 | 45.243 | -16.164 | 68.200 | 6.793 | PK |
| 3 | | 5700.000 | 54.051 | 47.142 | -51.149 | 105.200 | 6.909 | PK |
| 4 | | 5720.000 | 53.550 | 46.646 | -57.250 | 110.800 | 6.904 | PK |
| 5 | | 5725.000 | 53.972 | 47.105 | -68.228 | 122.200 | 6.867 | PK |
| 6 | | 5850.000 | 52.199 | 44.869 | -70.001 | 122.200 | 7.331 | PK |
| 7 | | 5855.000 | 53.397 | 46.069 | -57.403 | 110.800 | 7.327 | PK |
| 8 | | 5875.000 | 52.314 | 44.900 | -52.886 | 105.200 | 7.414 | PK |
| 9 | | 5925.000 | 52.973 | 45.673 | -15.227 | 68.200 | 7.299 | PK |
| 10 | * | 5987.000 | 57.076 | 49.680 | -11.124 | 68.200 | 7.396 | PK |

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

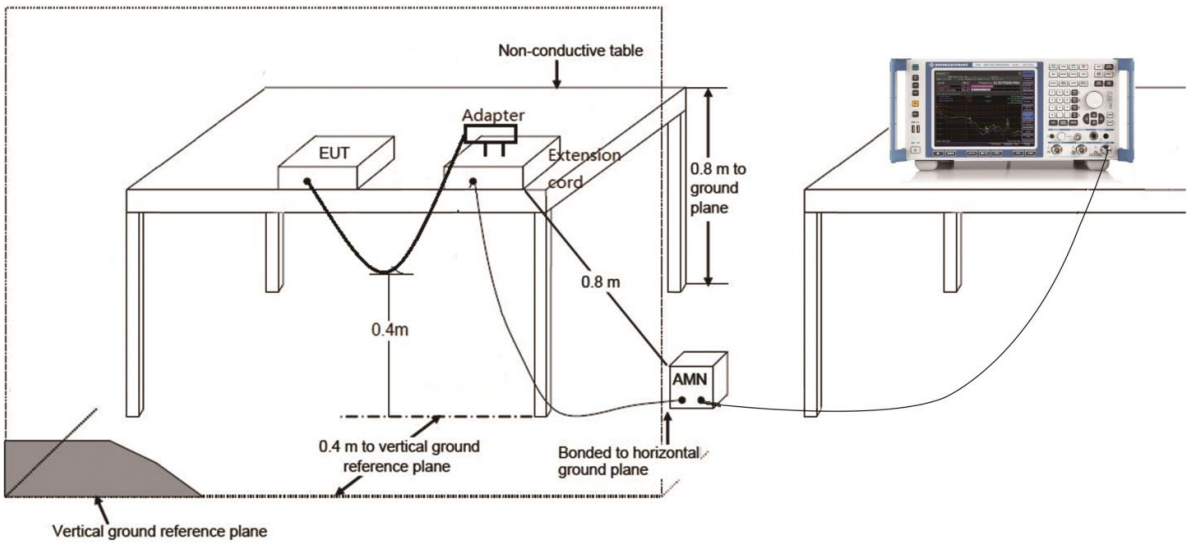
Note 2: The rejection filters were used for radiated bandedge measurement, so the fundamental frequency waveform can't been fully visible. Besides, even if some fundamental frequency measure level over limit, it is not suitable for this limit.

## 7.9. AC Conducted Emissions Measurement

### 7.9.1. Test Limit

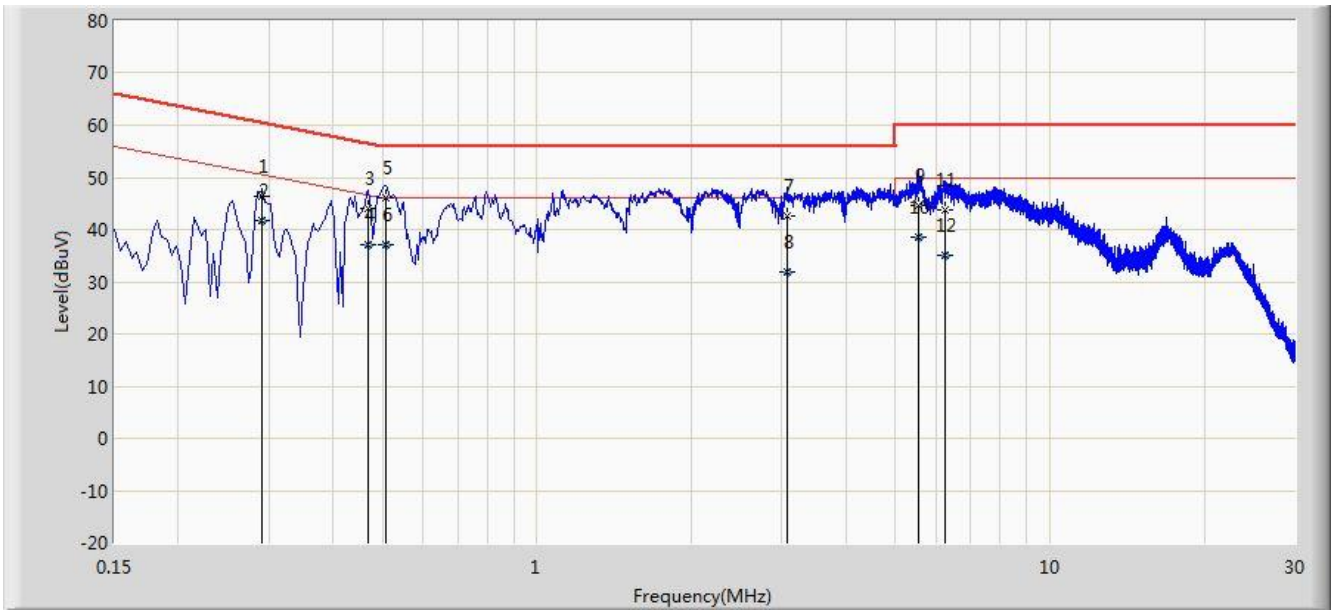
| FCC Part 15 Subpart C Paragraph 15.207 Limits | | |
|---|---|---|
| Frequency (MHz) | QP (dBμV) | Average (dBμV) |
| 0.15 - 0.50 | 66 - 56 | 56 - 46 |
| 0.50 - 5.0 | 56 | 46 |
| 5.0 - 30 | 60 | 50 |
| Note 1: The lower limit shall apply at the transition frequencies.<br>Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz. | | |

### 7.9.2. Test Setup



### 7.9.3.Test Result

| | |
|---|---|
| Site: SR2 | Time: 2019/08/05 - 11:25 |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Liz Yuan |
| Probe: ENV216_101683_Filter On | Polarity: Line |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz | |

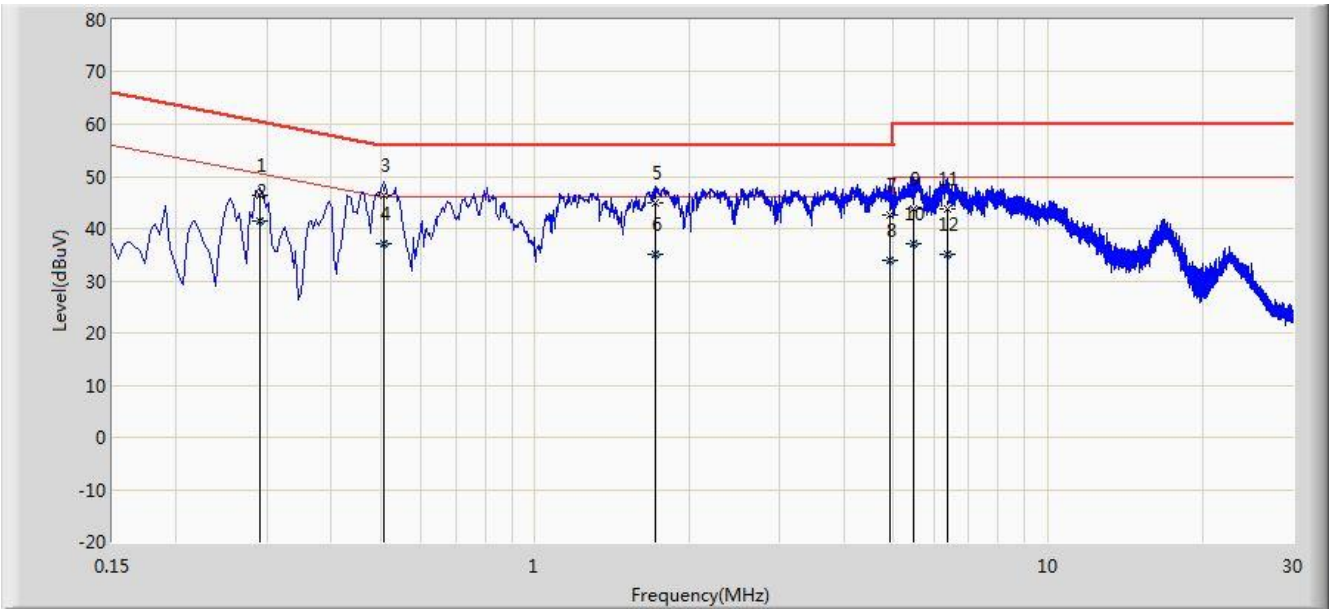



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.290 | 46.463 | 36.467 | -14.061 | 60.524 | 9.996 | QP |
| 2 | | * | 0.290 | 41.809 | 31.813 | -8.715 | 50.524 | 9.996 | AV |
| 3 | | | 0.470 | 44.052 | 33.909 | -12.462 | 56.514 | 10.142 | QP |
| 4 | | | 0.470 | 37.187 | 27.044 | -9.327 | 46.514 | 10.142 | AV |
| 5 | | | 0.506 | 46.088 | 35.931 | -9.912 | 56.000 | 10.157 | QP |
| 6 | | | 0.506 | 37.159 | 27.002 | -8.841 | 46.000 | 10.157 | AV |
| 7 | | | 3.066 | 42.530 | 32.669 | -13.470 | 56.000 | 9.861 | QP |
| 8 | | | 3.066 | 31.934 | 22.073 | -14.066 | 46.000 | 9.861 | AV |
| 9 | | | 5.542 | 44.578 | 34.506 | -15.422 | 60.000 | 10.072 | QP |
| 10 | | | 5.542 | 38.687 | 28.615 | -11.313 | 50.000 | 10.072 | AV |
| 11 | | | 6.246 | 43.702 | 33.578 | -16.298 | 60.000 | 10.124 | QP |
| 12 | | | 6.246 | 35.214 | 25.091 | -14.786 | 50.000 | 10.124 | AV |

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

| | |
|---|---|
| Site: SR2 | Time: 2019/08/05 - 11:31 |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Liz Yuan |
| Probe: ENV216_101683_Filter On | Polarity: Neutral |
| EUT: Icomera TraXside solution | Power: By POE Injector |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5785MHz | |




| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.290 | 46.484 | 36.454 | -14.040 | 60.524 | 10.030 | QP |
| 2 | | | 0.290 | 41.577 | 31.546 | -8.948 | 50.524 | 10.030 | AV |
| 3 | | | 0.506 | 46.291 | 36.114 | -9.709 | 56.000 | 10.177 | QP |
| 4 | | * | 0.506 | 37.145 | 26.968 | -8.855 | 46.000 | 10.177 | AV |
| 5 | | | 1.718 | 44.907 | 35.025 | -11.093 | 56.000 | 9.882 | QP |
| 6 | | | 1.718 | 34.930 | 25.047 | -11.070 | 46.000 | 9.882 | AV |
| 7 | | | 4.906 | 42.475 | 32.441 | -13.525 | 56.000 | 10.034 | QP |
| 8 | | | 4.906 | 34.038 | 24.003 | -11.962 | 46.000 | 10.034 | AV |
| 9 | | | 5.466 | 43.681 | 33.598 | -16.319 | 60.000 | 10.083 | QP |
| 10 | | | 5.466 | 37.165 | 27.082 | -12.835 | 50.000 | 10.083 | AV |
| 11 | | | 6.362 | 43.838 | 33.698 | -16.162 | 60.000 | 10.140 | QP |
| 12 | | | 6.362 | 34.943 | 24.803 | -15.057 | 50.000 | 10.140 | AV |

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

# 8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

The End

# Appendix A - Test Setup Photograph

Refer to “1906RSU020-UT” file.

# Appendix B - EUT Photograph

Refer to “1906RSU020-UE” file.