| Test Mode: | Ant A | Test Site: | AC1 |
|---|---|---|---|
| Test Channel: | 05 | Test Engineer: | Roy Cheng |
| 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 |
|---|---|---|---|---|---|---|---|---|
| * | 6950.0 | 39.6 | 6.7 | 46.3 | 68.2 | -21.9 | Peak | Horizontal |
| * | 7902.0 | 36.9 | 8.3 | 45.2 | 68.2 | -23.0 | Peak | Horizontal |
| | 9321.5 | 35.7 | 10.4 | 46.1 | 74.0 | -27.9 | Peak | Horizontal |
| | 15620.0 | 39.9 | 12.1 | 52.0 | 74.0 | -22.0 | Peak | Horizontal |
| * | 6950.0 | 41.3 | 6.7 | 48.0 | 68.2 | -20.2 | Peak | Vertical |
| * | 7910.5 | 35.9 | 8.4 | 44.3 | 68.2 | -23.9 | Peak | Vertical |
| | 9364.0 | 35.4 | 10.5 | 45.9 | 74.0 | -28.1 | Peak | Vertical |
| | 15637.0 | 41.2 | 12.0 | 53.2 | 74.0 | -20.8 | 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)

| Test Mode: | Ant B | Test Site: | AC1 |
|---|---|---|---|
| Test Channel: | 05 | Test Engineer: | Roy Cheng |
| 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 |
|---|---|---|---|---|---|---|---|---|
| * | 6950.0 | 40.4 | 6.7 | 47.1 | 68.2 | -21.1 | Peak | Horizontal |
| * | 7987.0 | 35.7 | 8.7 | 44.4 | 68.2 | -23.8 | Peak | Horizontal |
| | 9347.0 | 35.1 | 10.5 | 45.6 | 74.0 | -28.4 | Peak | Horizontal |
| | 15628.5 | 40.2 | 12.1 | 52.3 | 74.0 | -21.7 | Peak | Horizontal |
| * | 6950.0 | 40.9 | 6.7 | 47.6 | 68.2 | -20.6 | Peak | Vertical |
| * | 7978.5 | 36.7 | 8.7 | 45.4 | 68.2 | -22.8 | Peak | Vertical |
| | 9364.0 | 36.1 | 10.5 | 46.6 | 74.0 | -27.4 | Peak | Vertical |
| | 15628.5 | 40.9 | 12.1 | 53.0 | 74.0 | -21.0 | 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)

| Test Mode: | Ant A | Test Site: | AC1 |
|---|---|---|---|
| Test Channel: | 06 | Test Engineer: | Roy Cheng |
| 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 |
|---|---|---|---|---|---|---|---|---|
| * | 6984.0 | 38.6 | 6.8 | 45.4 | 68.2 | -22.8 | Peak | Horizontal |
| * | 7842.5 | 35.5 | 8.4 | 43.9 | 68.2 | -24.3 | Peak | Horizontal |
| | 9423.5 | 36.0 | 10.6 | 46.6 | 74.0 | -27.4 | Peak | Horizontal |
| | 15713.5 | 39.9 | 11.8 | 51.7 | 74.0 | -22.3 | Peak | Horizontal |
| * | 6984.0 | 40.9 | 6.8 | 47.7 | 68.2 | -20.5 | Peak | Vertical |
| * | 7834.0 | 36.9 | 8.4 | 45.3 | 68.2 | -22.9 | Peak | Vertical |
| | 9338.5 | 34.8 | 10.4 | 45.2 | 74.0 | -28.8 | Peak | Vertical |
| | 15713.5 | 40.7 | 11.8 | 52.5 | 74.0 | -21.5 | 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)

| Test Mode: | Ant B | Test Site: | AC1 |
|---|---|---|---|
| Test Channel: | 06 | Test Engineer: | Roy Cheng |
| 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 |
|---|---|---|---|---|---|---|---|---|
| * | 6984.0 | 38.9 | 6.8 | 45.7 | 68.2 | -22.5 | Peak | Horizontal |
| * | 7876.5 | 36.1 | 8.4 | 44.5 | 68.2 | -23.7 | Peak | Horizontal |
| | 9330.0 | 35.7 | 10.4 | 46.1 | 74.0 | -27.9 | Peak | Horizontal |
| | 15713.5 | 40.5 | 11.8 | 52.3 | 74.0 | -21.7 | Peak | Horizontal |
| * | 6984.0 | 41.2 | 6.8 | 48.0 | 68.2 | -20.2 | Peak | Vertical |
| * | 7978.5 | 37.1 | 8.7 | 45.8 | 68.2 | -22.4 | Peak | Vertical |
| | 9338.5 | 34.5 | 10.4 | 44.9 | 74.0 | -29.1 | Peak | Vertical |
| | 15713.5 | 40.0 | 11.8 | 51.8 | 74.0 | -22.2 | Peak | Vertical |

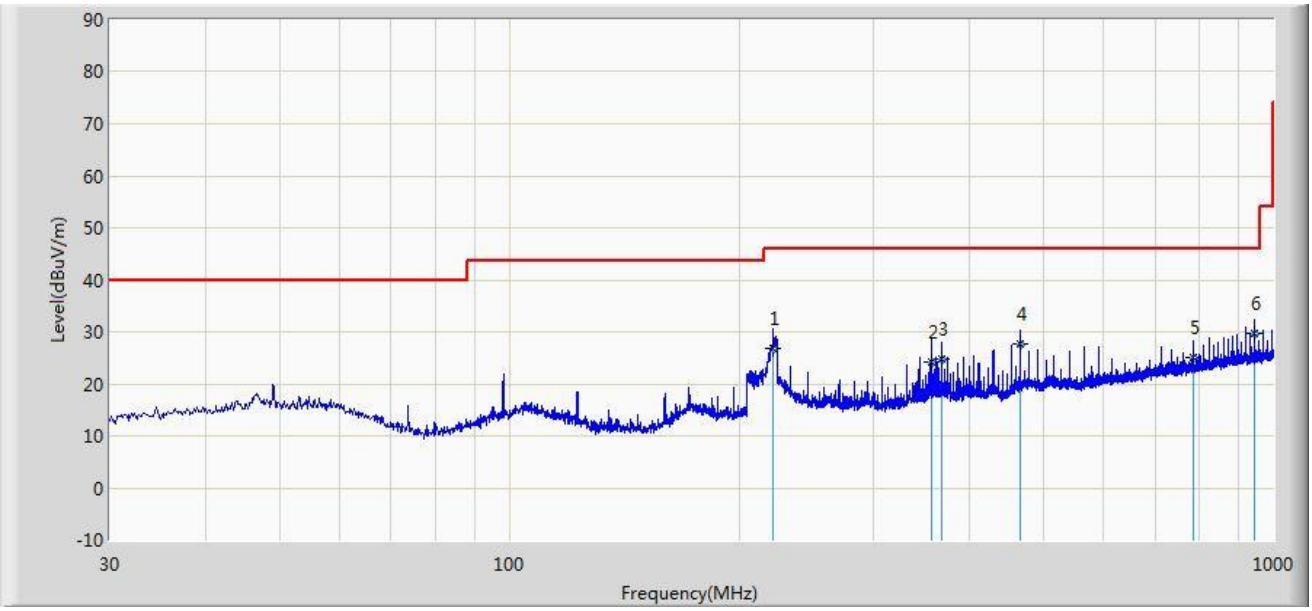
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

**The worst case of Radiated Emission below 1GHz:**

| | |
|---|---|
| Site: AC1 | Time: 2015/06/20 - 12:14 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: VULB9162_0.03-8GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| **Worst Mode**: Transmit at channel 5180MHz | |

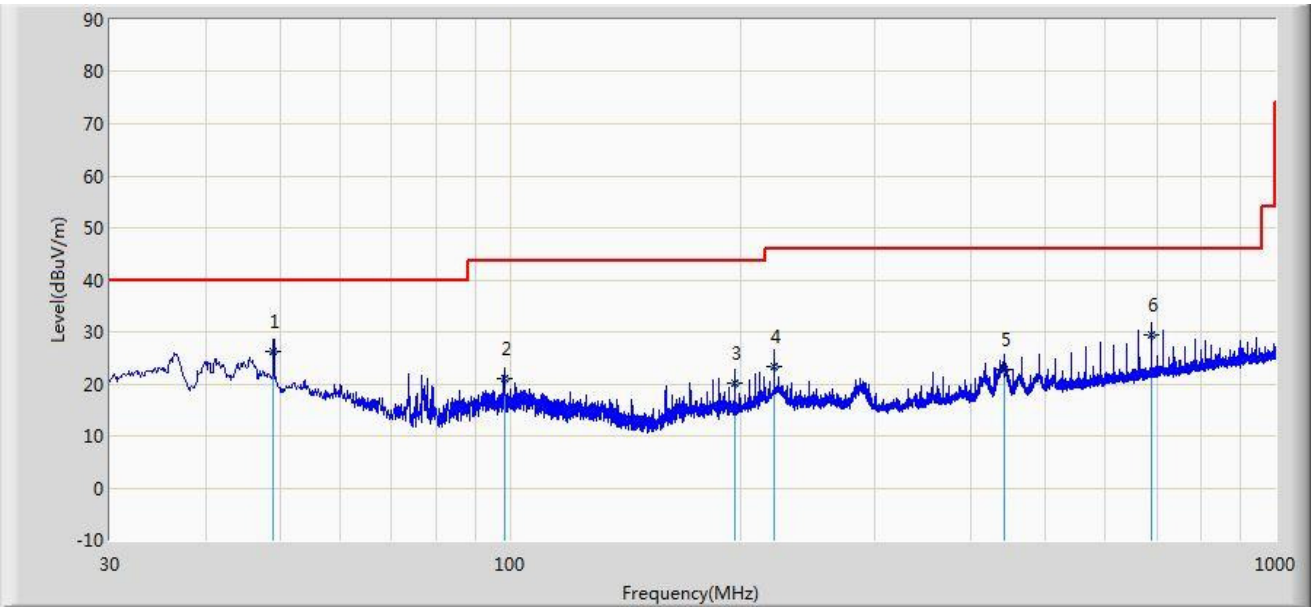



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 221.090 | 26.832 | 14.200 | -19.168 | 46.000 | 12.632 | QP |
| 2 | | | 356.485 | 24.275 | 8.400 | -21.725 | 46.000 | 15.875 | QP |
| 3 | | | 368.650 | 24.761 | 8.700 | -21.239 | 46.000 | 16.061 | QP |
| 4 | | | 466.985 | 27.744 | 10.100 | -18.256 | 46.000 | 17.644 | QP |
| 5 | | | 786.479 | 25.048 | 2.500 | -20.952 | 46.000 | 22.548 | QP |
| 6 | | * | 946.286 | 29.616 | 5.300 | -16.384 | 46.000 | 24.315 | QP |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/20 - 12:24 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: VULB9162_0.03-8GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| **Worst Mode**: Transmit at channel 5180MHz | |

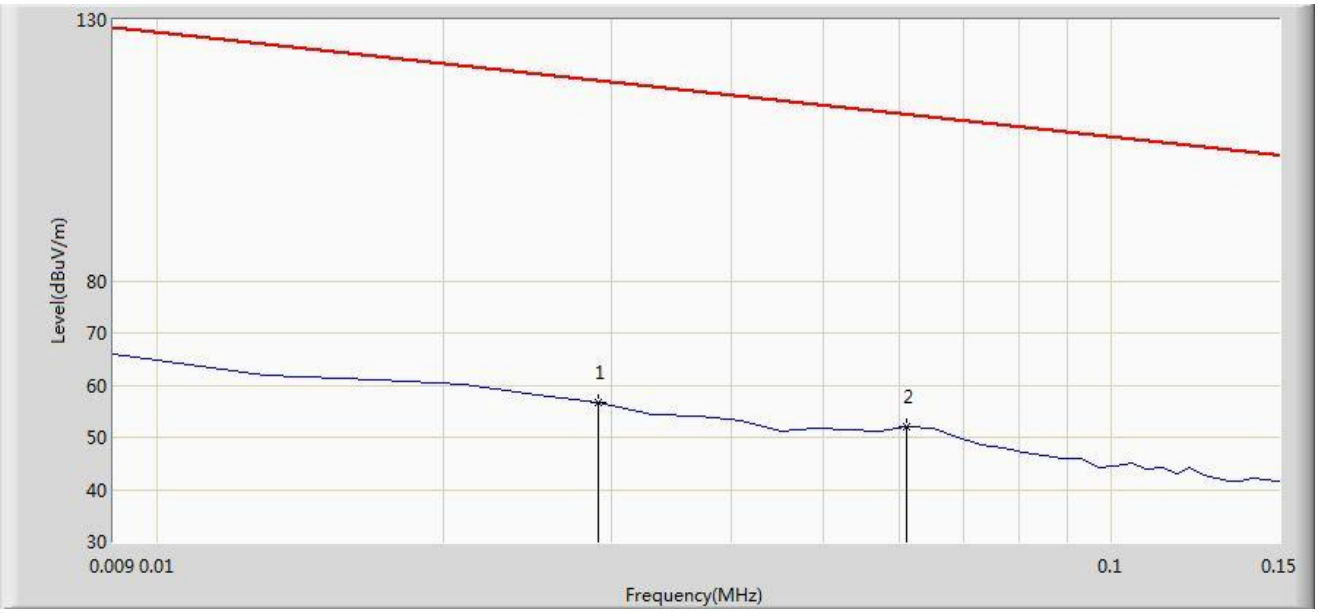



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 49.036 | 26.121 | 11.200 | -13.879 | 40.000 | 14.922 | QP |
| 2 | | | 98.264 | 21.020 | 8.300 | -22.480 | 43.500 | 12.721 | QP |
| 3 | | | 196.589 | 20.237 | 8.100 | -23.263 | 43.500 | 12.136 | QP |
| 4 | | | 221.089 | 23.232 | 10.600 | -22.768 | 46.000 | 12.632 | QP |
| 5 | | | 442.371 | 22.619 | 5.400 | -23.381 | 46.000 | 17.219 | QP |
| 6 | | | 688.145 | 29.356 | 8.100 | -16.644 | 46.000 | 21.256 | QP |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/10 - 19:18 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Roy Cheng |
| Probe: FMZB1519_0.009-30MHz | Polarity: Face on |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| **Note: There is the ambient noise within frequency range 9kHz~30MHz.** | |

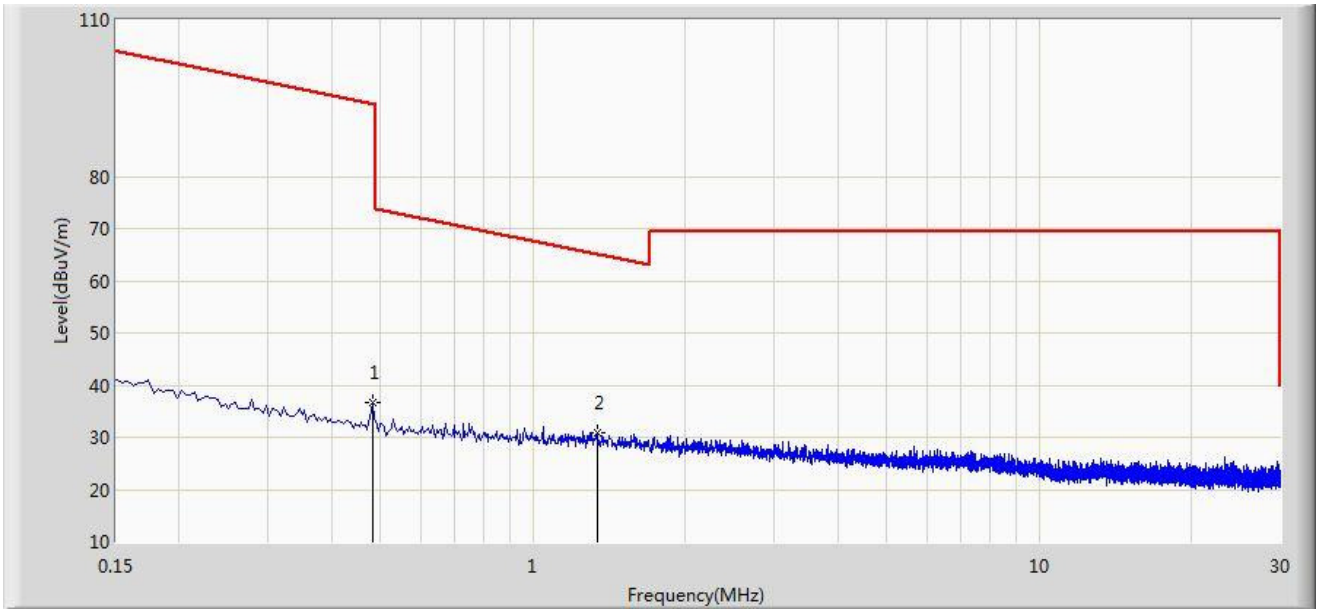



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.029 | 56.610 | 35.660 | -61.732 | 118.342 | 21.049 | Peak |
| 2 | | * | 0.061 | 51.899 | 31.588 | -59.988 | 111.887 | 20.311 | Peak |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/10 - 19:19 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Roy Cheng |
| Probe: FMZB1519_0.009-30MHz | Polarity: Face on |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| **Note: There is the ambient noise within frequency range 9kHz~30MHz.** | |



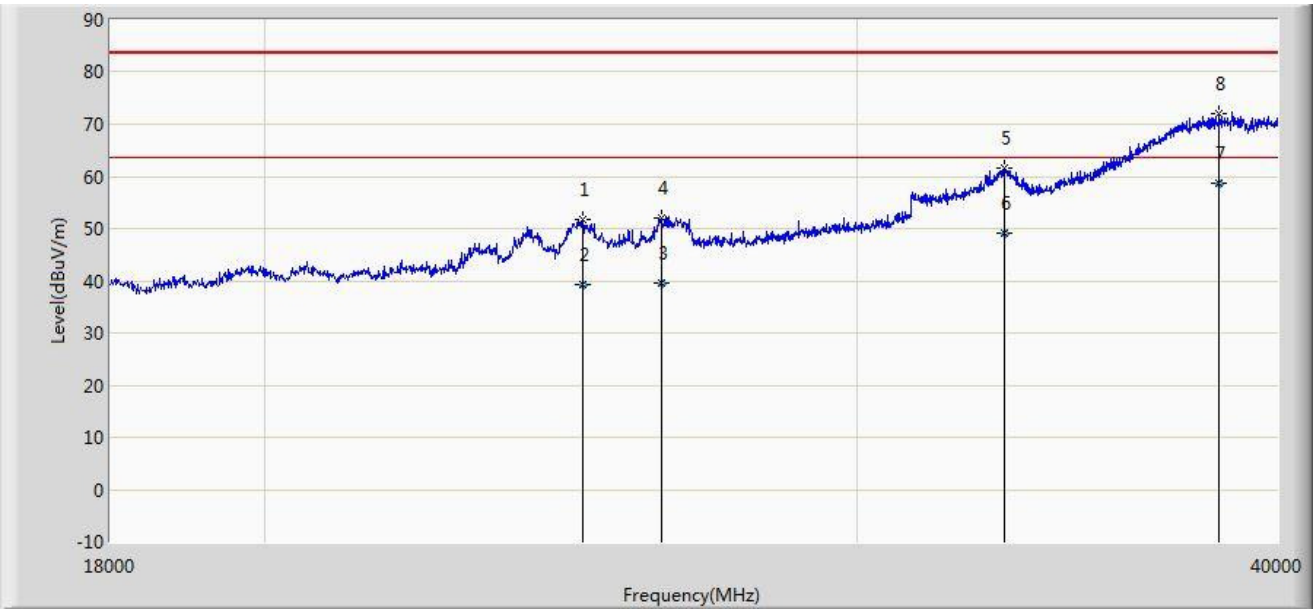

| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.482 | 36.584 | 16.183 | -57.359 | 93.943 | 20.401 | Peak |
| 2 | | * | 1.338 | 31.001 | 10.512 | -34.074 | 65.075 | 20.489 | QP |

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

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

Limit@3m = 20*Log(24000/1338 uV/m) + 40*Log(30m/3m) = 65.075dBμv/m (Quasi-Peak detector).

| | |
|---|---|
| Site: AC1 | Time: 2015/06/10 - 21:25 |
| Limit: FCC_Part15.209_RE(1m) | Engineer: Roy Cheng |
| Probe: BBHA9170_18-40GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| **Note: There is the ambient noise within frequency range 18GHz~40GHz.** | |



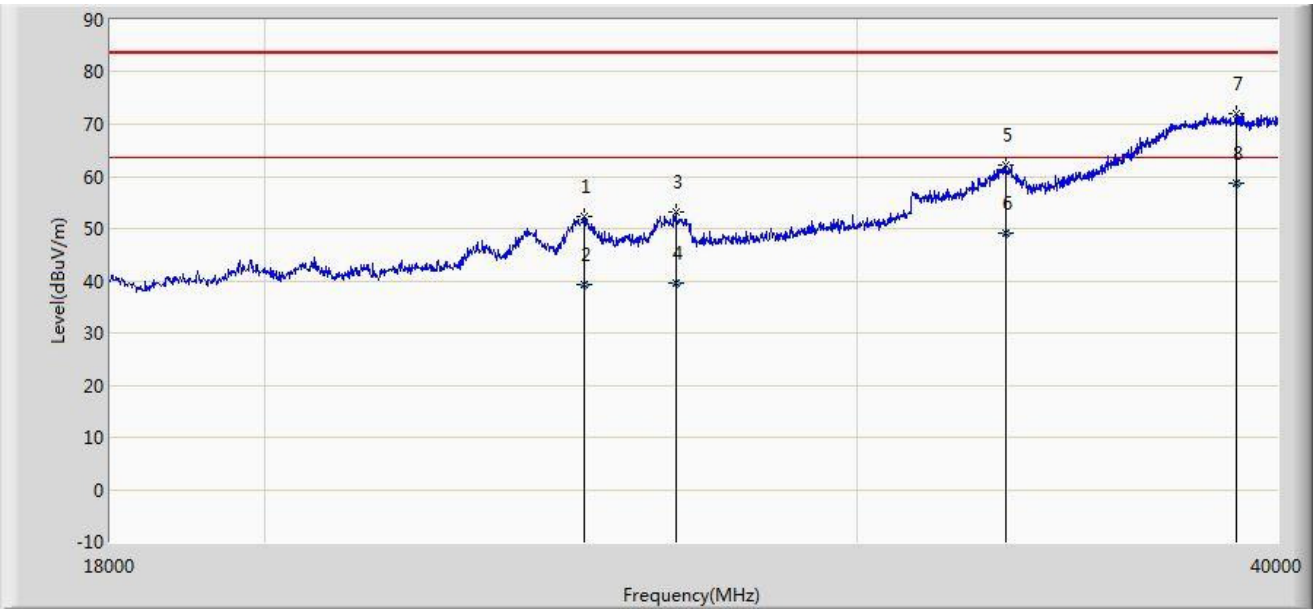

| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 24864.000 | 51.836 | 37.061 | -31.664 | 83.500 | 14.775 | PK |
| 2 | | | 24864.088 | 39.225 | 24.450 | -24.275 | 63.500 | 14.775 | AV |
| 3 | | | 26260.988 | 39.469 | 24.050 | -24.031 | 63.500 | 15.419 | AV |
| 4 | | | 26261.000 | 51.956 | 36.537 | -31.544 | 83.500 | 15.419 | PK |
| 5 | | | 33180.000 | 61.461 | 39.940 | -22.039 | 83.500 | 21.521 | PK |
| 6 | | | 33180.361 | 49.061 | 27.540 | -14.439 | 63.500 | 21.521 | AV |
| 7 | | * | 38437.980 | 58.523 | 31.190 | -4.977 | 63.500 | 27.333 | AV |
| 8 | | | 38438.000 | 72.021 | 44.688 | -11.479 | 83.500 | 27.333 | PK |

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

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

Limit@1m = 20*Log(500uV/m) + 20*Log(3m/1m) = 63.5dBμv/m (Average detector), and 83.5dBμv/m (Peak detector).

| | |
|---|---|
| Site: AC1 | Time: 2015/06/10 - 21:28 |
| Limit: FCC_Part15.209_RE(1m) | Engineer: Roy Cheng |
| Probe: BBHA9170_18-40GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| **Note: There is the ambient noise within frequency range 18GHz~40GHz.** | |




| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 24886.000 | 52.313 | 37.528 | -31.187 | 83.500 | 14.785 | PK |
| 2 | | | 24886.970 | 39.234 | 24.449 | -24.266 | 63.500 | 14.785 | AV |
| 3 | | | 26503.000 | 53.227 | 37.207 | -30.273 | 83.500 | 16.020 | PK |
| 4 | | | 26503.872 | 39.572 | 23.550 | -23.928 | 63.500 | 16.022 | AV |
| 5 | | | 33213.000 | 62.110 | 40.572 | -21.390 | 83.500 | 21.538 | PK |
| 6 | | | 33213.984 | 49.098 | 27.560 | -14.402 | 63.500 | 21.538 | AV |
| 7 | | | 38900.000 | 72.096 | 44.211 | -11.404 | 83.500 | 27.885 | PK |
| 8 | | * | 38900.755 | 58.705 | 30.820 | -4.795 | 63.500 | 27.885 | AV |

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

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

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## 7.9. Radiated Restricted Band Edge Measurement

### 7.9.1. 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 | 8.25 - 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 | 2200 - 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 RSS-Gen Section 8.10 Requirement:**

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

| Frequency (MHz) | Frequency (MHz) | Frequency (GHz) |
|---|---|---|
| 0.009 - 0.110 | 240 - 285 | 9.0 - 9.2 |
| 2.1735 - 2.1905 | 322 - 335.4 | 9.3 - 9.5 |
| 3.020 - 3.026 | 399.9 - 410 | 10.6 - 12.7 |
| 4.125 - 4.128 | 608 - 614 | 13.25 - 13.4 |
| 4.17725 - 4.17775 | 960 - 1427 | 14.47 - 14.5 |
| 4.20725 - 4.20775 | 1435 - 1626.5 | 15.35 - 16.2 |
| 5.677 - 5.683 | 1645.5 - 1646.5 | 17.7 - 21.4 |
| 6.215 - 6.218 | 1660 - 1710 | 22.01 - 23.12 |
| 6.26775 - 6.26825 | 1718.8 -1722.2 | 23.6 - 24.0 |
| 6.31175 - 6.31225 | 2200 - 2300 | 31.2 - 31.8 |
| 8.291 - 8.294 | 2310 -2390 | 36.43 - 36.5 |
| 8.362 - 8.366 | 2655 - 2900 | Above 38.6 |
| 8.37625 - 8.38675 | 3260 - 3267 | -- |
| 8.41425 - 8.41475 | 3332 -3339 | |
| 12.29 - 12.293 | 334.5 - 3358 | |
| 12.51975 - 12.52025 | 3500 - 4400 | |
| 12.57675 - 12.57725 | 4500 - 5150 | |
| 13.36 -13.41 | 5350 - 5460 | |
| 16.42 - 16.423 | 7250 - 7750 | |
| 16.69475 - 16.69525 | 8025 - 8500 | |
| 16.80425 - 16.80475 | -- | |
| 25.5 - 25.67 | | |
| 37.5 - 38.25 | | |
| 73 - 74.6 | | |
| 74.8 - 75.2 | | |
| 108 - 138 | | |
| 156.52475 - 156.525225 | | |
| 156.7 - 156.9 | | |

**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 −27 dBm/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 −27 dBm/MHz.

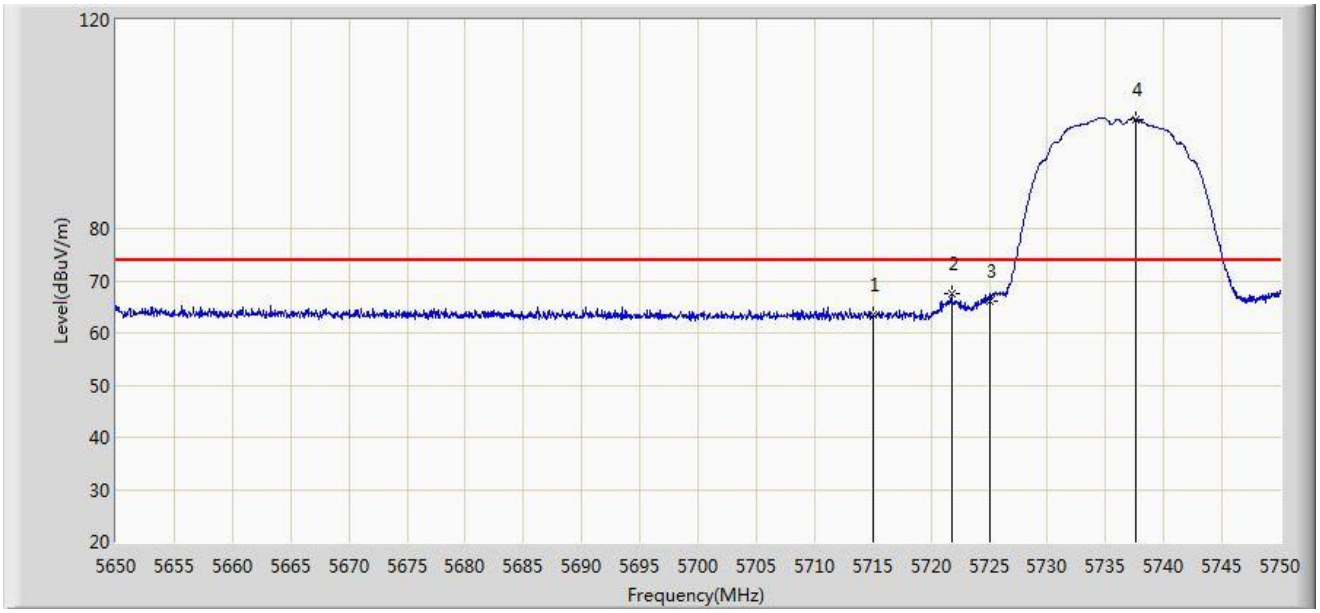
Note: Refer to KDB 789033 D02v01r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the 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 47 CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 | | |
|---|---|---|
| Frequency [MHz] | Field Strength [V/m] | Measured Distance [Meters] |
| 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 |

### 7.9.2. Test Result of Radiated Restricted Band Edge

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 09:36 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant A | |

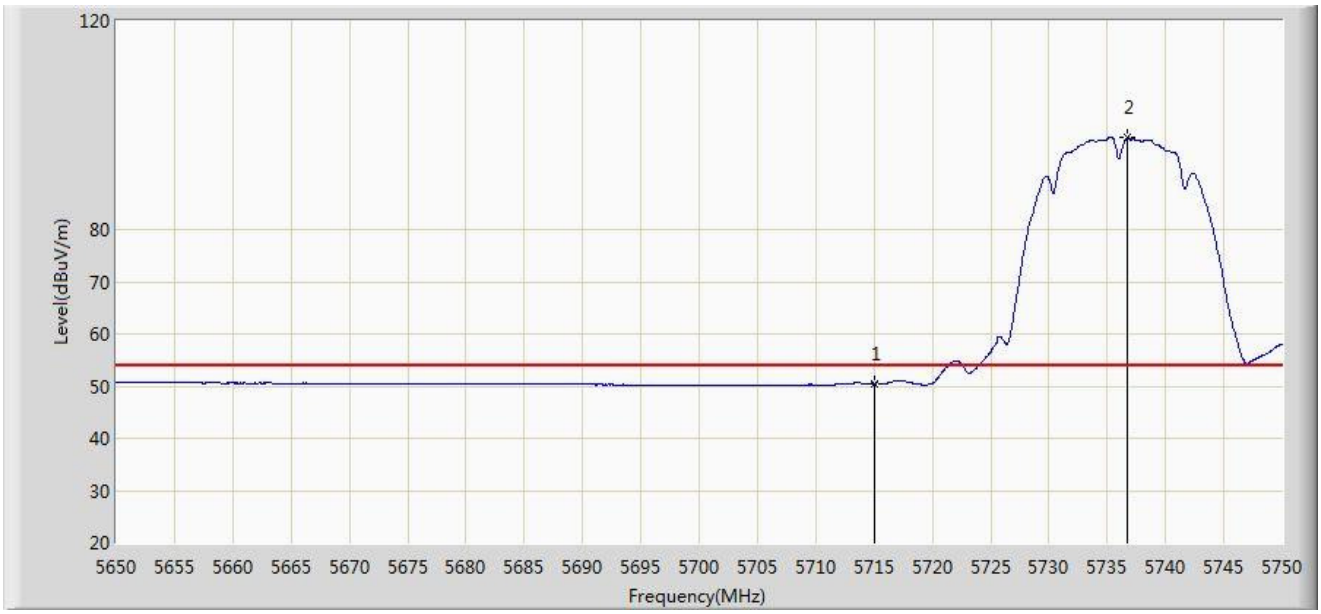



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 63.565 | 25.616 | -10.435 | 74.000 | 37.949 | PK |
| 2 | | | 5721.750 | 67.523 | 29.547 | -6.477 | 74.000 | 37.976 | PK |
| 3 | | | 5725.000 | 66.183 | 28.193 | -7.817 | 74.000 | 37.990 | PK |
| 4 | | * | 5737.650 | 100.919 | 62.877 | N/A | N/A | 38.042 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 09:41 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant A | |

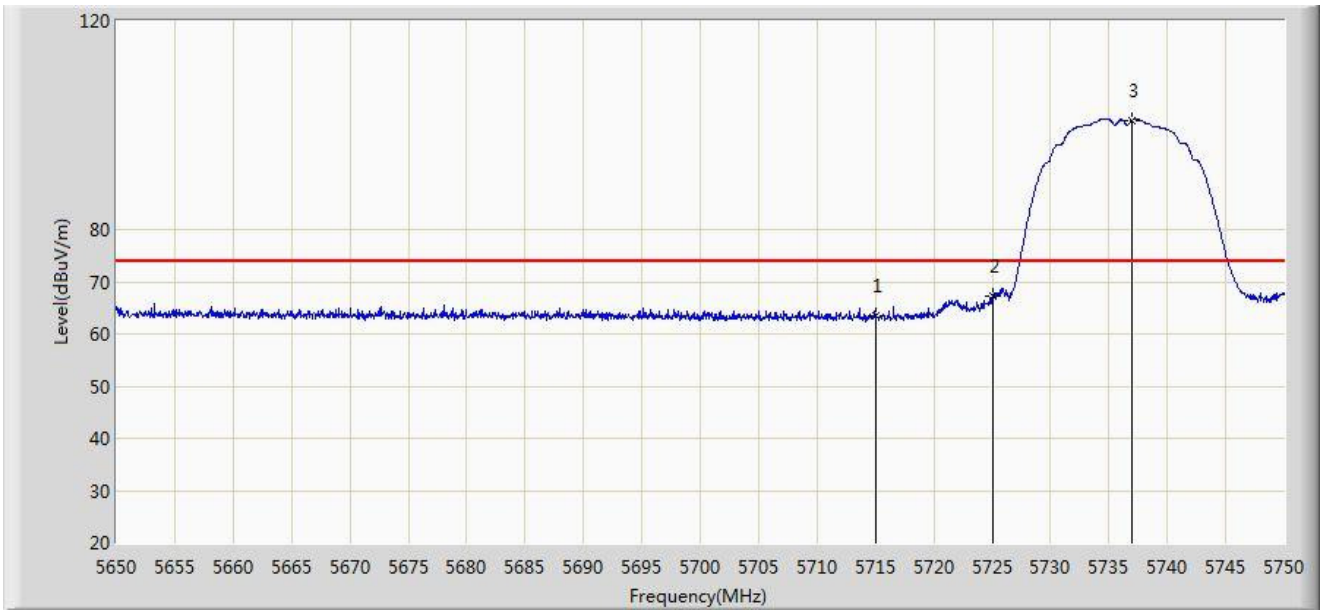



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 50.561 | 12.612 | -3.439 | 54.000 | 37.949 | AV |
| 2 | | * | 5736.700 | 97.556 | 59.518 | N/A | N/A | 38.038 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 09:49 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant A | |

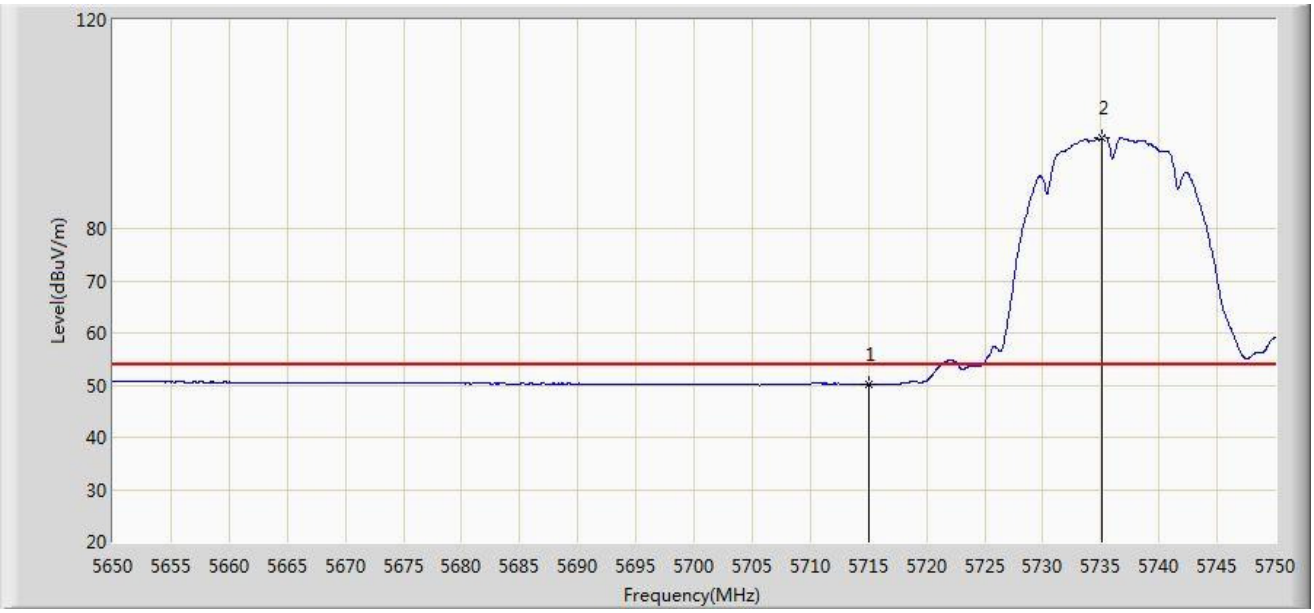



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 63.448 | 25.499 | -10.552 | 74.000 | 37.949 | PK |
| 2 | | | 5725.000 | 67.256 | 29.266 | -6.744 | 74.000 | 37.990 | PK |
| 3 | | * | 5737.000 | 100.954 | 62.915 | N/A | N/A | 38.039 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 09:55 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant A | |

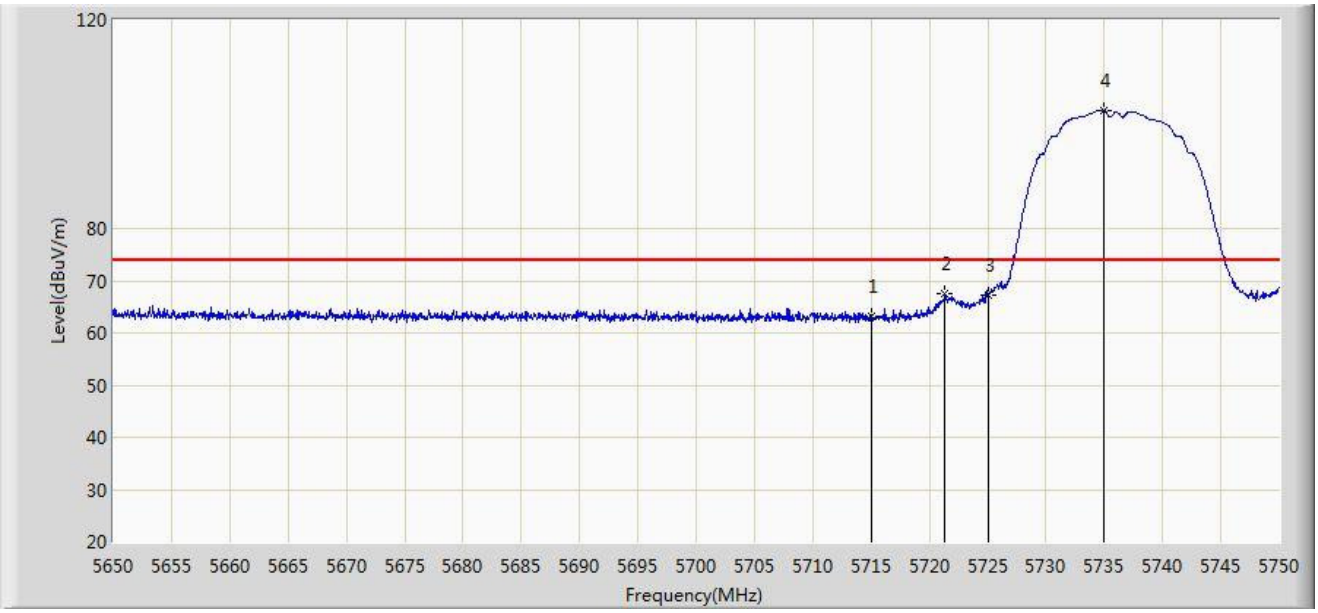



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 50.096 | 12.147 | -3.904 | 54.000 | 37.949 | AV |
| 2 | | * | 5735.150 | 97.496 | 59.464 | N/A | N/A | 38.032 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:03 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant B | |

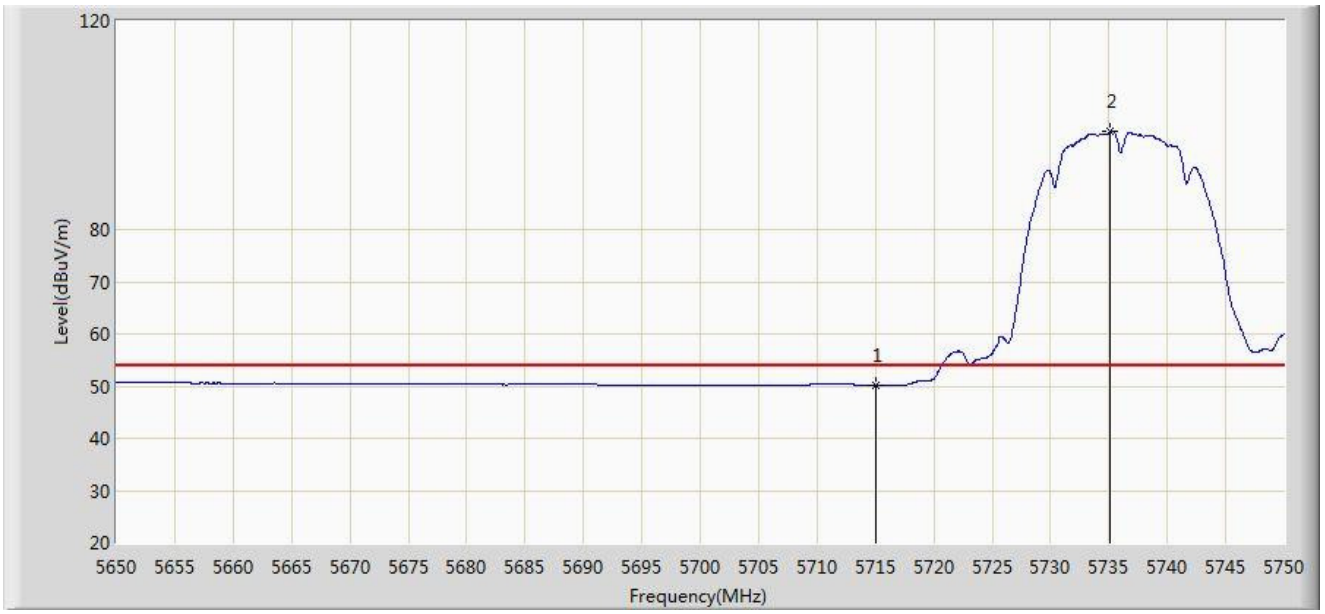



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 63.139 | 25.190 | -10.861 | 74.000 | 37.949 | PK |
| 2 | | | 5721.350 | 67.461 | 29.486 | -6.539 | 74.000 | 37.975 | PK |
| 3 | | | 5725.000 | 67.286 | 29.296 | -6.714 | 74.000 | 37.990 | PK |
| 4 | | * | 5735.000 | 102.546 | 64.515 | N/A | N/A | 38.031 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:14 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant B | |

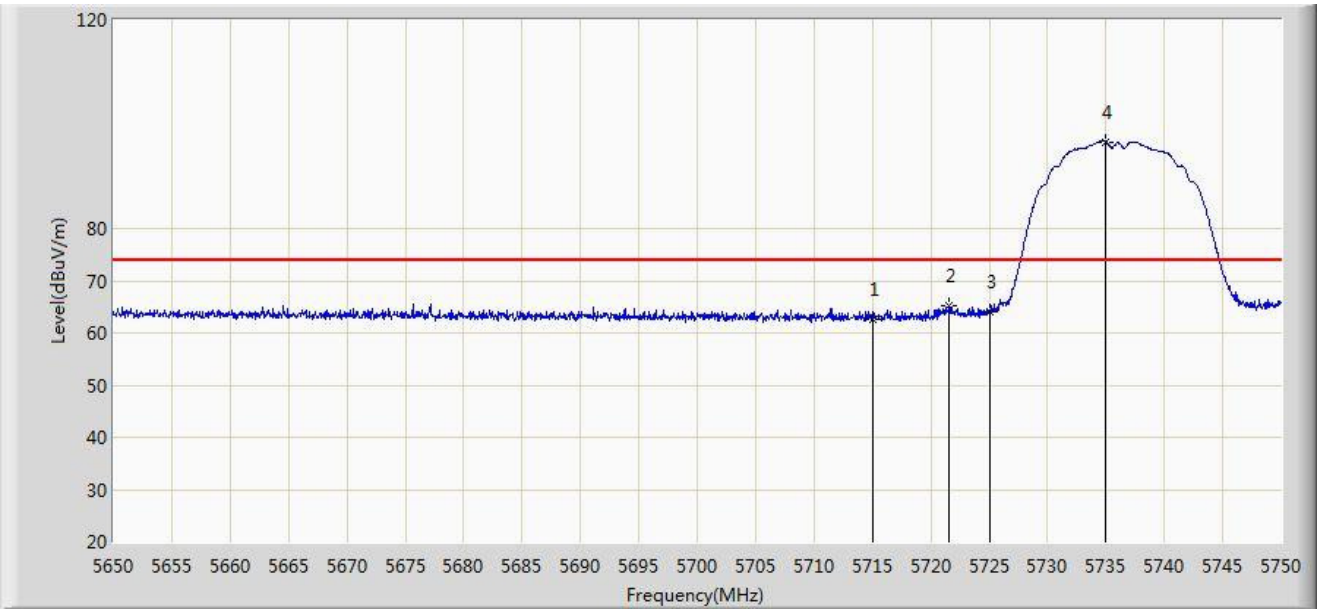



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 50.131 | 12.182 | -3.869 | 54.000 | 37.949 | AV |
| 2 | | * | 5735.150 | 98.746 | 60.714 | N/A | N/A | 38.032 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:19 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant B | |

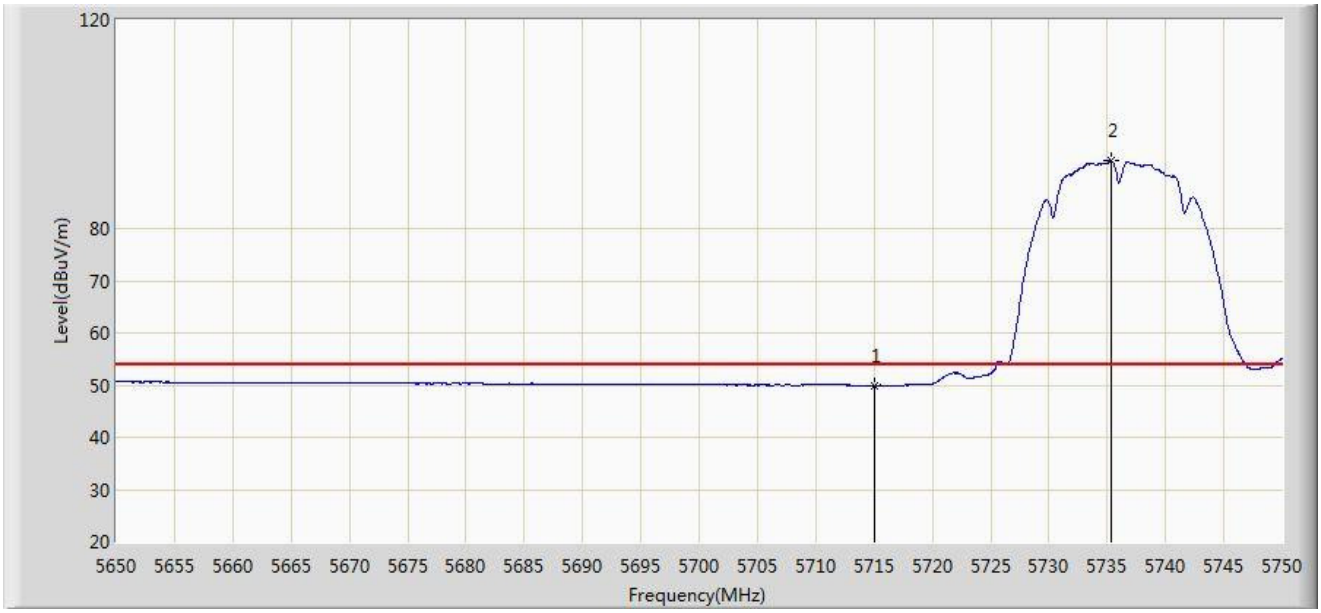



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 62.653 | 24.704 | -11.347 | 74.000 | 37.949 | PK |
| 2 | | | 5721.600 | 65.218 | 27.242 | -8.782 | 74.000 | 37.976 | PK |
| 3 | | | 5725.000 | 64.035 | 26.045 | -9.965 | 74.000 | 37.990 | PK |
| 4 | | * | 5735.000 | 96.626 | 58.595 | N/A | N/A | 38.031 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:26 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5736MHz Ant B | |

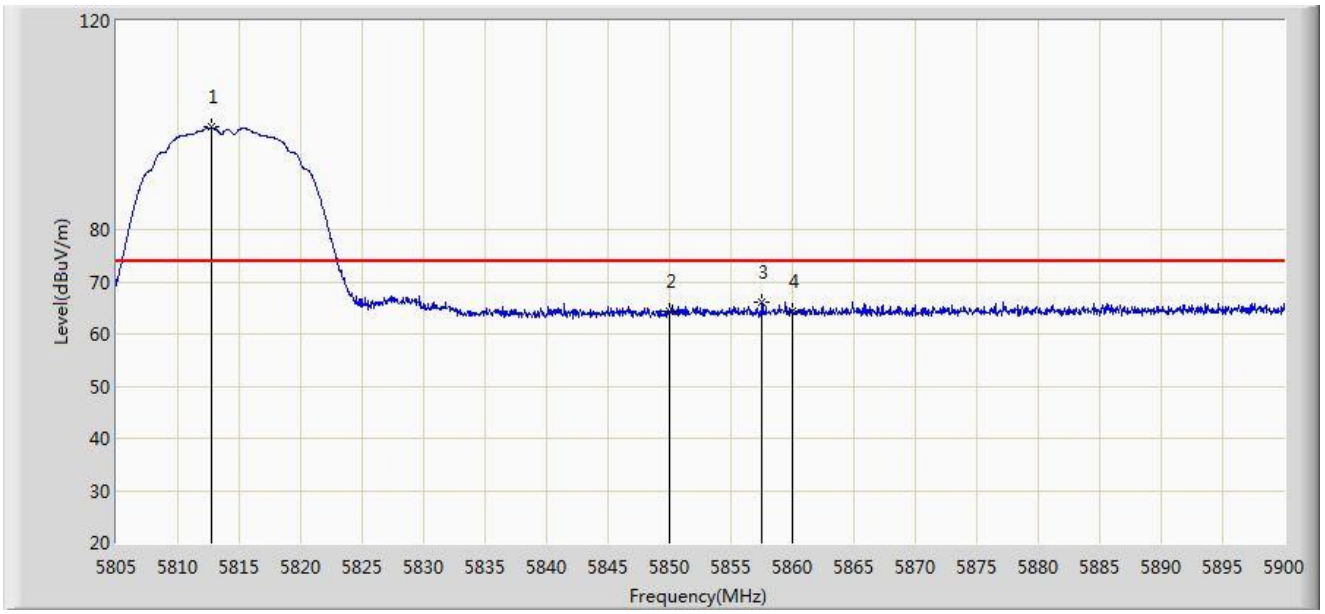



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5715.000 | 49.954 | 12.005 | -4.046 | 54.000 | 37.949 | AV |
| 2 | | * | 5735.350 | 93.031 | 54.999 | N/A | N/A | 38.033 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:32 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant A | |

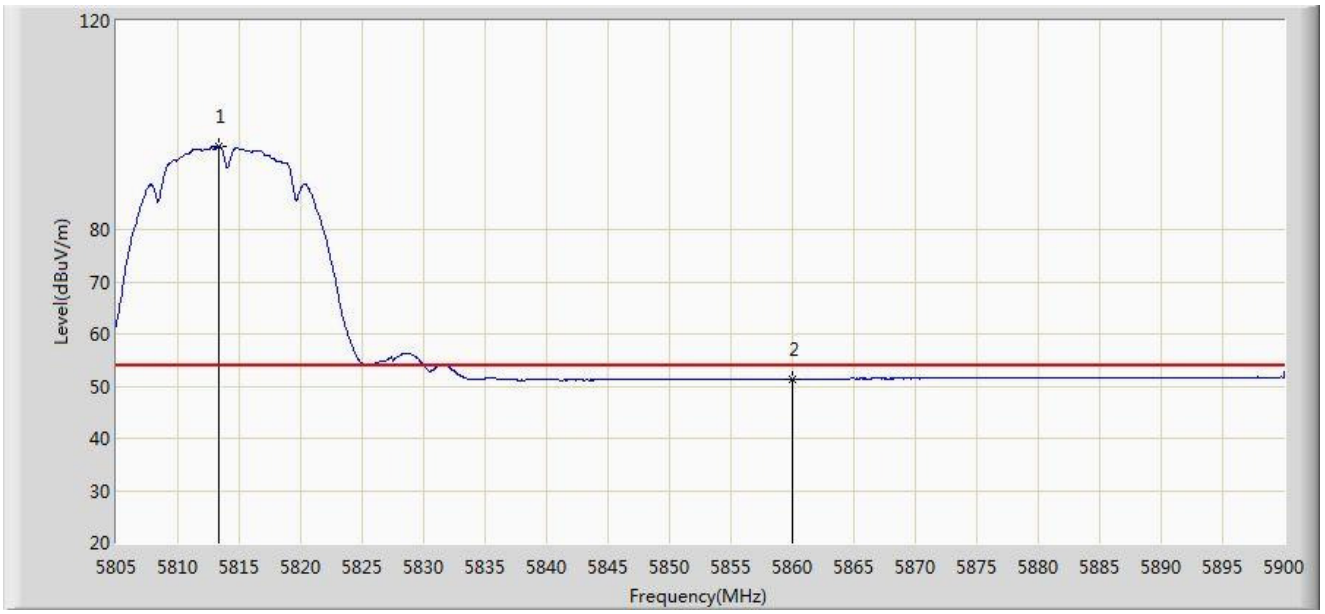



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5812.790 | 99.591 | 61.286 | N/A | N/A | 38.305 | PK |
| 2 | | | 5850.000 | 64.203 | 25.750 | -9.797 | 74.000 | 38.454 | PK |
| 3 | | | 5857.535 | 66.008 | 27.536 | -7.992 | 74.000 | 38.472 | PK |
| 4 | | | 5860.000 | 64.486 | 26.008 | -9.514 | 74.000 | 38.478 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:41 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant A | |

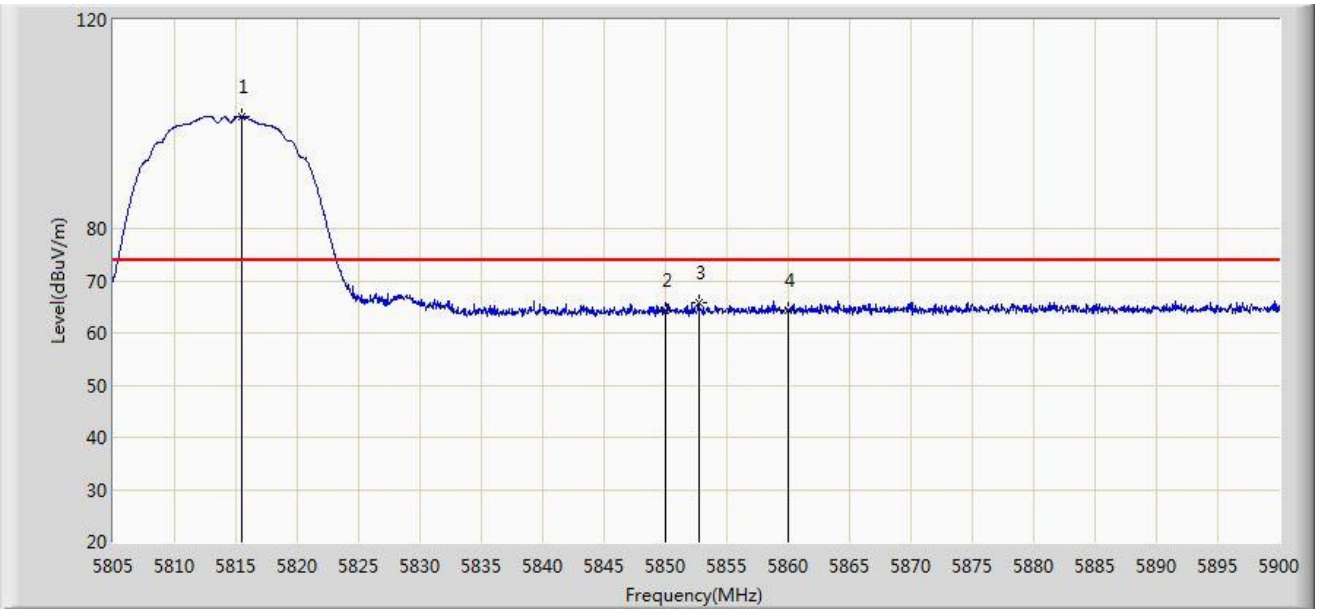



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5813.360 | 95.984 | 57.677 | N/A | N/A | 38.307 | AV |
| 2 | | | 5860.000 | 51.401 | 12.923 | -2.599 | 54.000 | 38.478 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:46 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant A | |

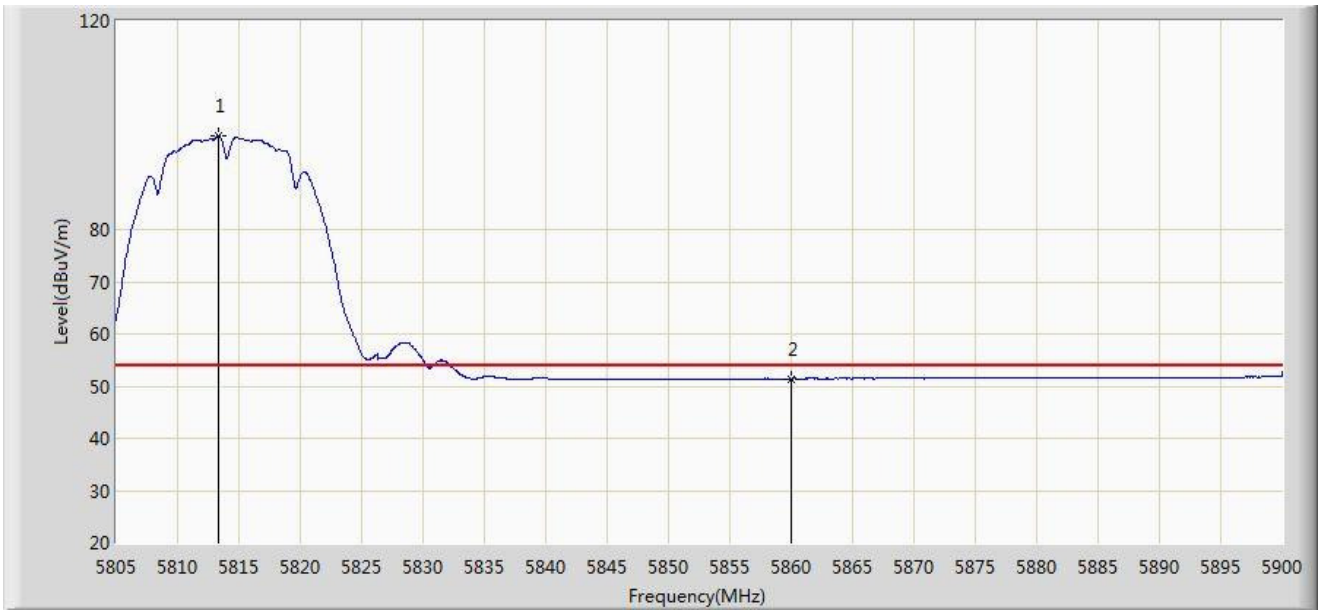



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5815.450 | 101.404 | 63.088 | N/A | N/A | 38.316 | PK |
| 2 | | | 5850.000 | 64.302 | 25.849 | -9.698 | 74.000 | 38.454 | PK |
| 3 | | | 5852.690 | 65.704 | 27.244 | -8.296 | 74.000 | 38.459 | PK |
| 4 | | | 5860.000 | 64.315 | 25.837 | -9.685 | 74.000 | 38.478 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:53 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant A | |

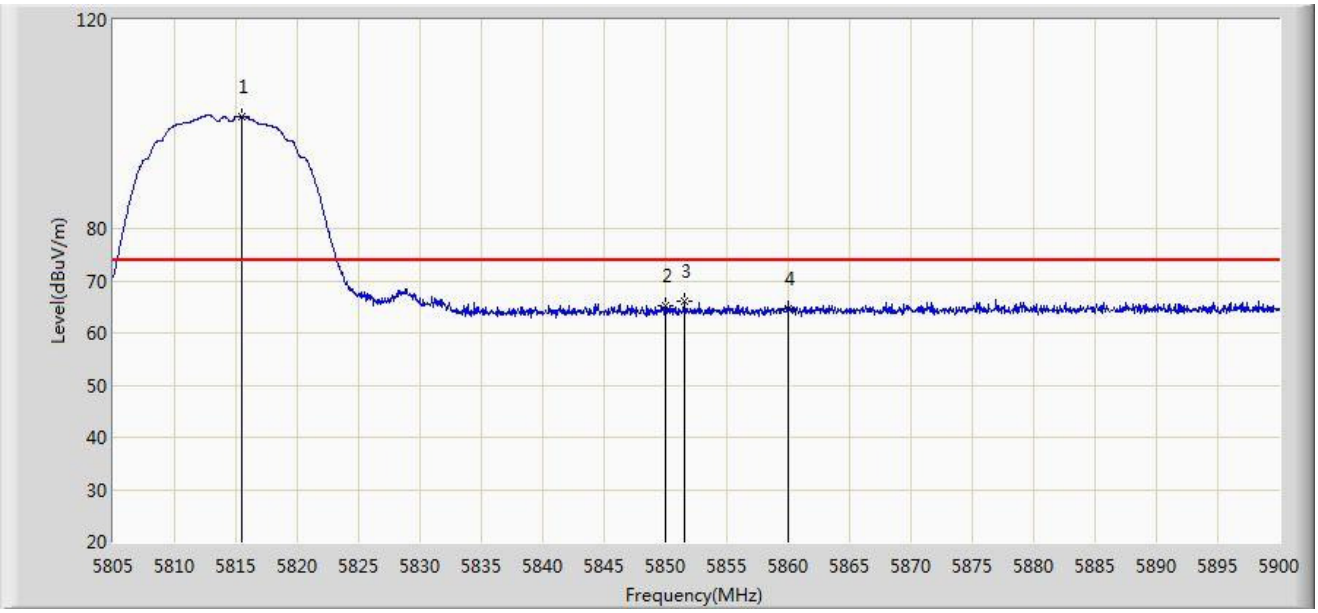



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5813.360 | 97.877 | 59.570 | N/A | N/A | 38.307 | AV |
| 2 | | | 5860.000 | 51.416 | 12.938 | -2.584 | 54.000 | 38.478 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 10:59 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant B | |

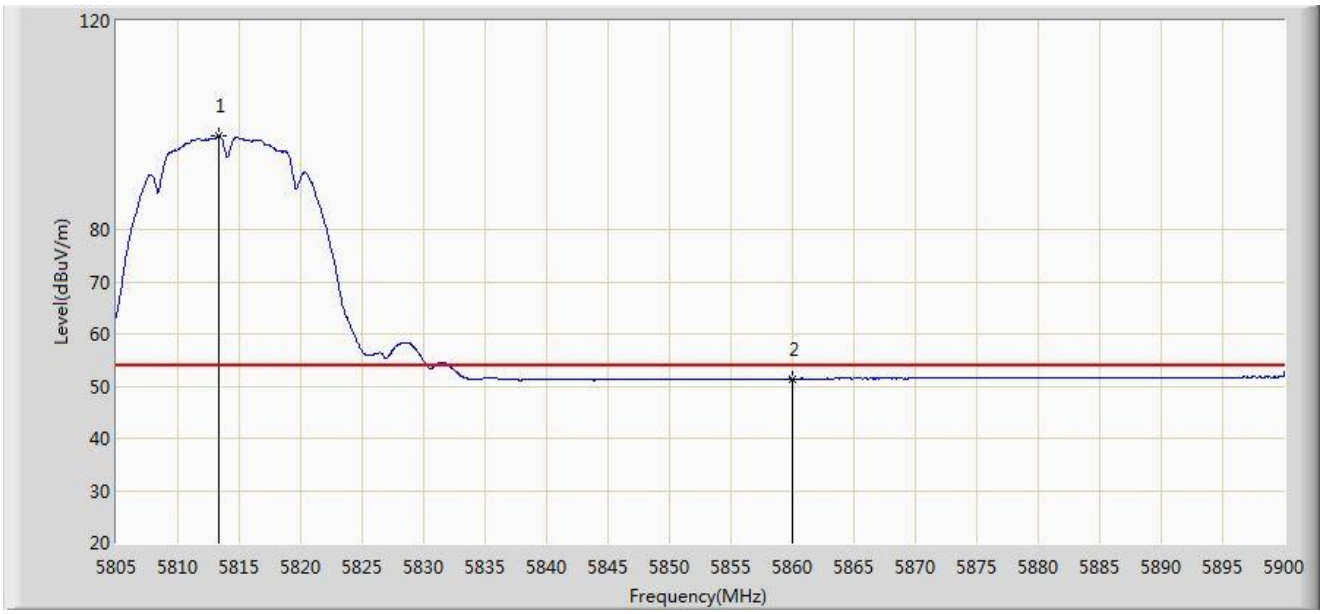



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5815.450 | 101.544 | 63.228 | N/A | N/A | 38.316 | PK |
| 2 | | | 5850.000 | 65.081 | 26.628 | -8.919 | 74.000 | 38.454 | PK |
| 3 | | | 5851.598 | 66.152 | 27.695 | -7.848 | 74.000 | 38.457 | PK |
| 4 | | | 5860.000 | 64.735 | 26.257 | -9.265 | 74.000 | 38.478 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:06 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant B | |

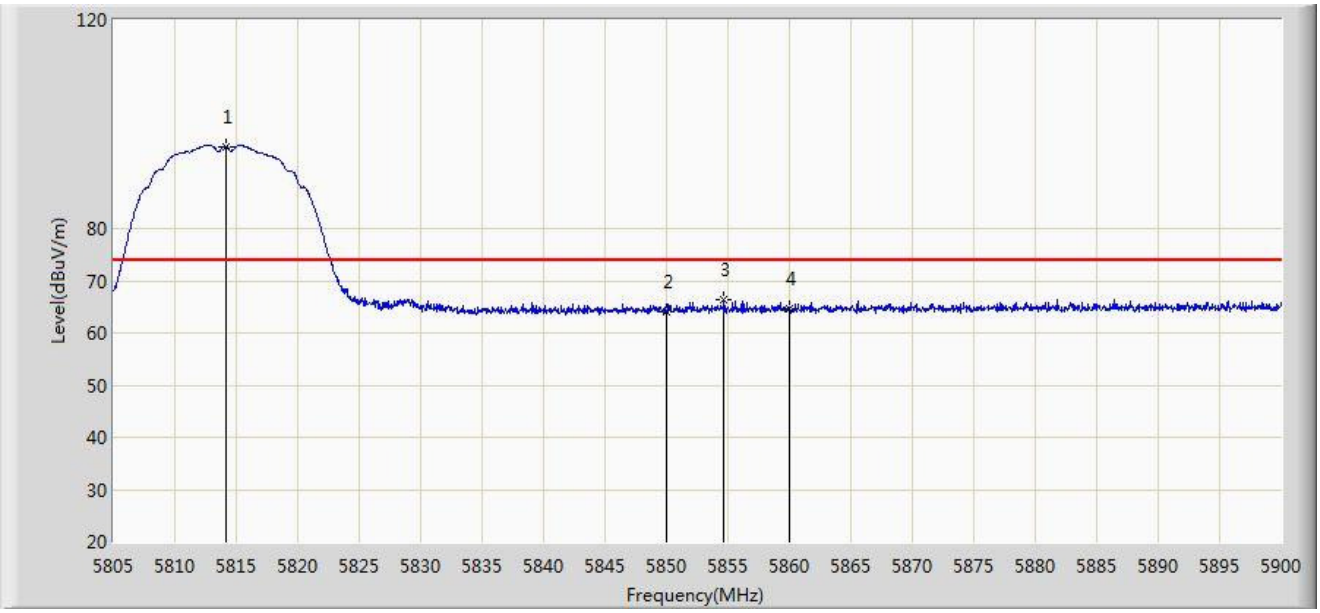



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5813.360 | 97.949 | 59.642 | N/A | N/A | 38.307 | AV |
| 2 | | | 5860.000 | 51.389 | 12.911 | -2.611 | 54.000 | 38.478 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:12 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant B | |

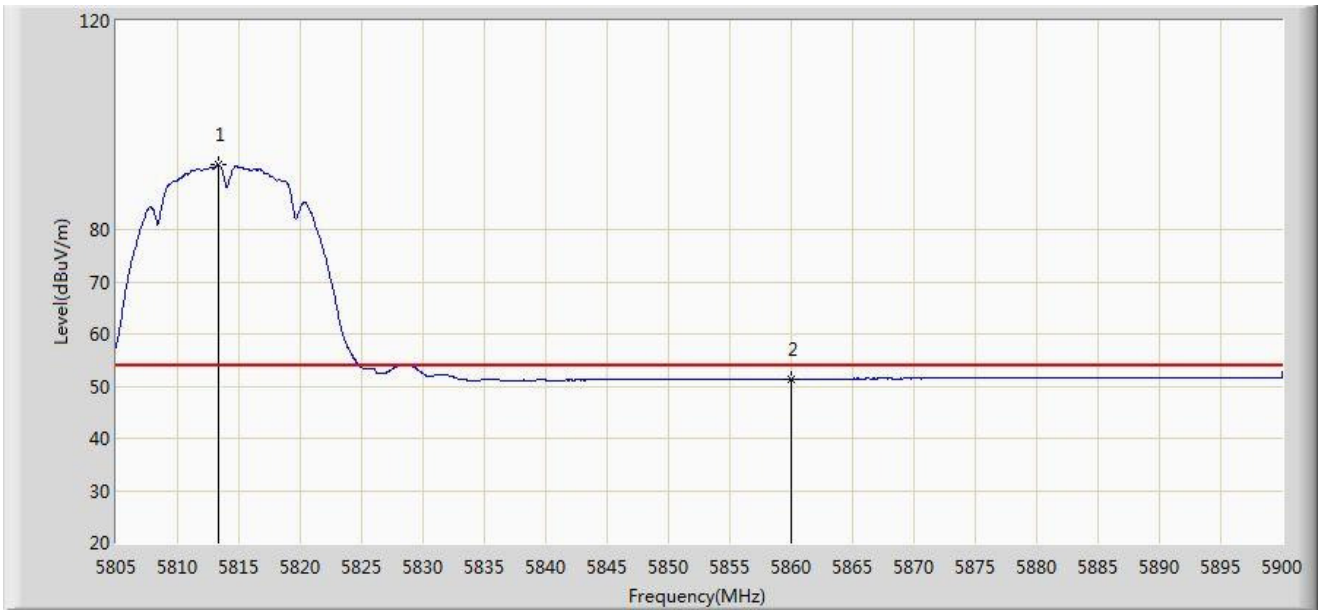



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5814.120 | 95.760 | 57.450 | N/A | N/A | 38.310 | PK |
| 2 | | | 5850.000 | 64.101 | 25.648 | -9.899 | 74.000 | 38.454 | PK |
| 3 | | | 5854.638 | 66.348 | 27.883 | -7.652 | 74.000 | 38.465 | PK |
| 4 | | | 5860.000 | 64.686 | 26.208 | -9.314 | 74.000 | 38.478 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:19 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5814MHz Ant B | |

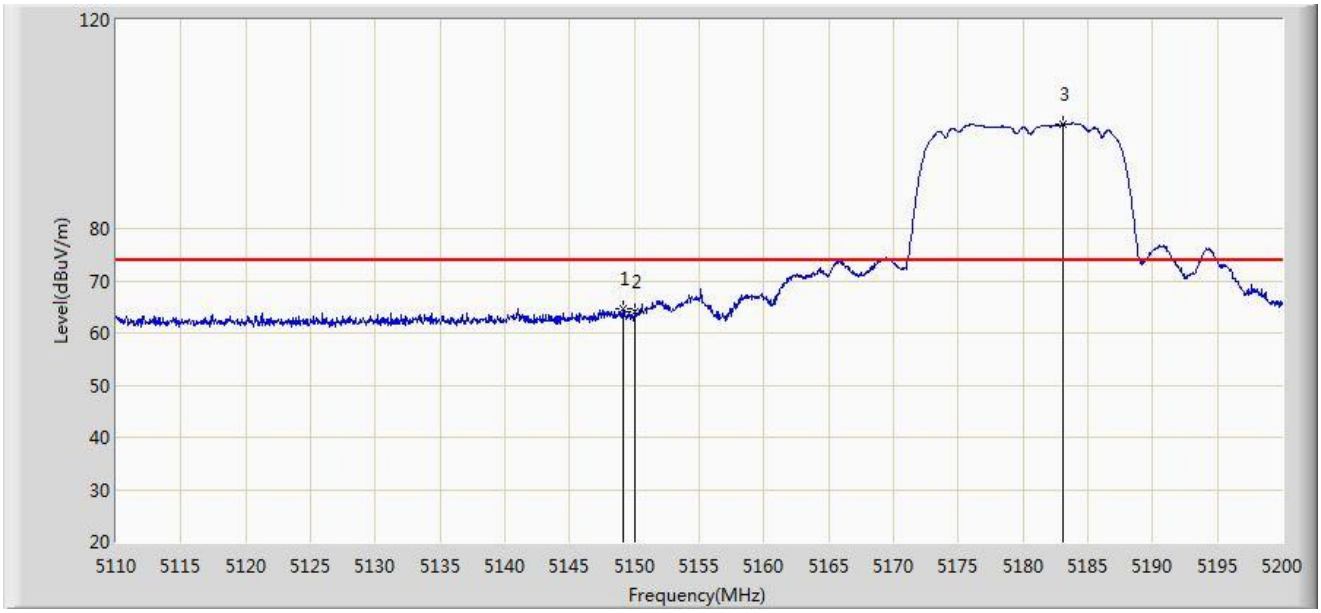



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | * | 5813.360 | 92.339 | 54.032 | N/A | N/A | 38.307 | AV |
| 2 | | | 5860.000 | 51.395 | 12.917 | -2.605 | 54.000 | 38.478 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:25 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant A | |

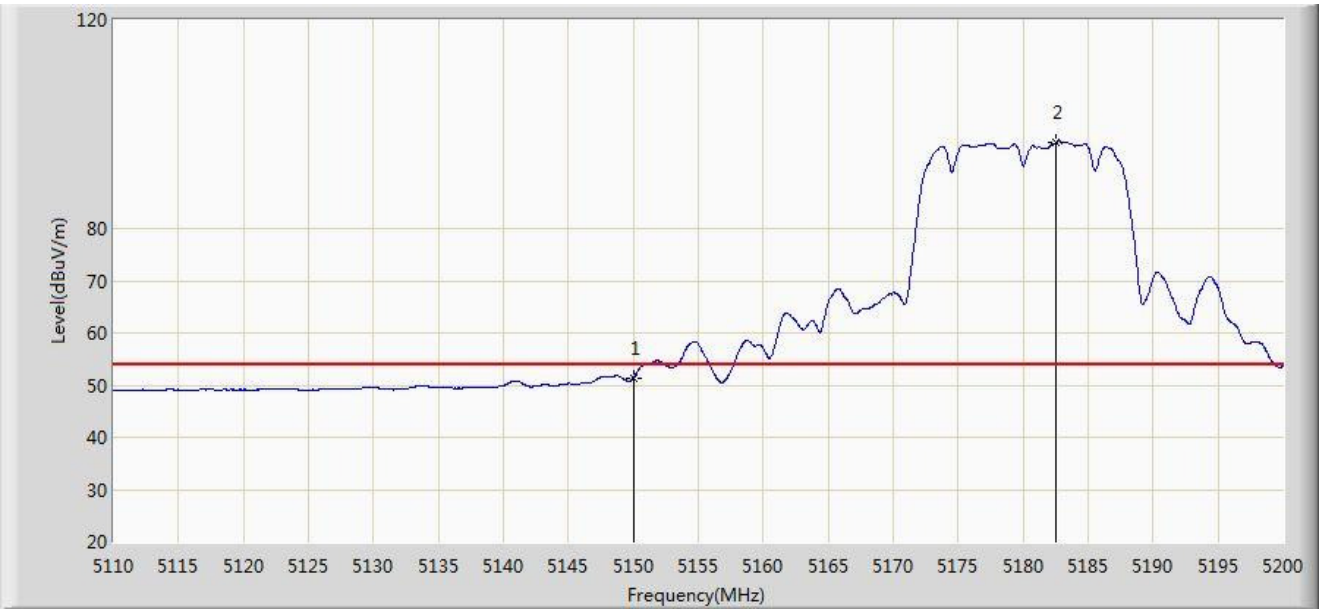



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5149.150 | 64.714 | 27.261 | -9.286 | 74.000 | 37.453 | PK |
| 2 | | | 5150.000 | 64.197 | 26.745 | -9.803 | 74.000 | 37.452 | PK |
| 3 | | * | 5183.125 | 99.986 | 62.620 | N/A | N/A | 37.366 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:34 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant A | |

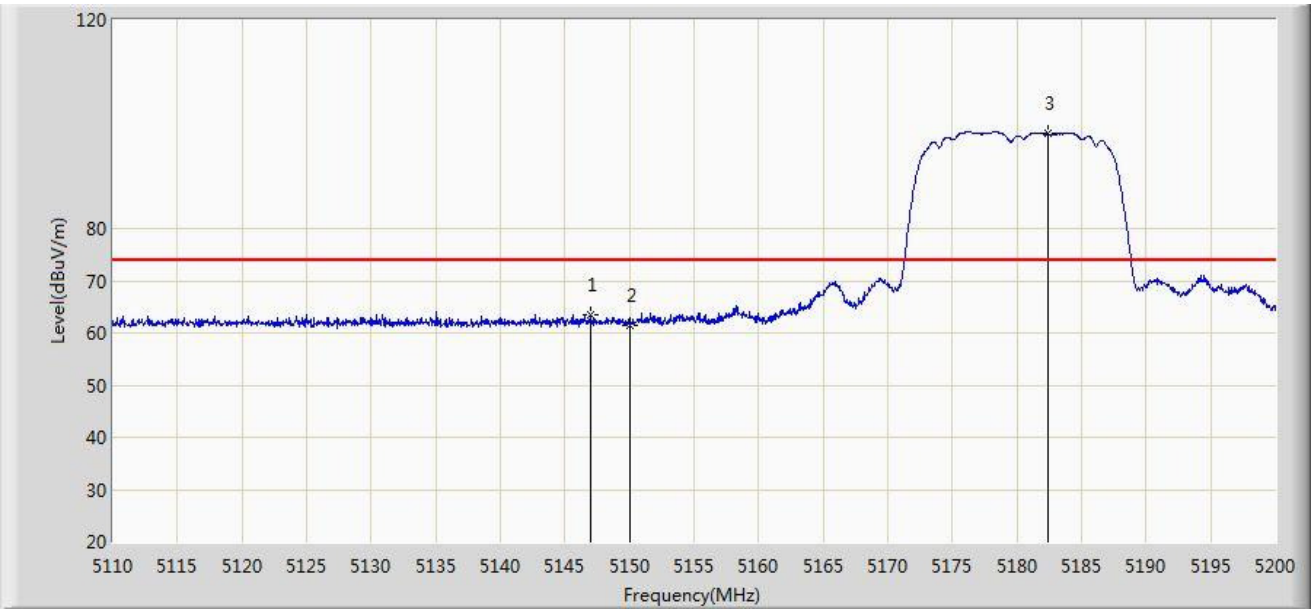



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 51.348 | 13.896 | -2.652 | 54.000 | 37.452 | AV |
| 2 | | * | 5182.540 | 96.557 | 59.189 | N/A | N/A | 37.367 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:42 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant A | |

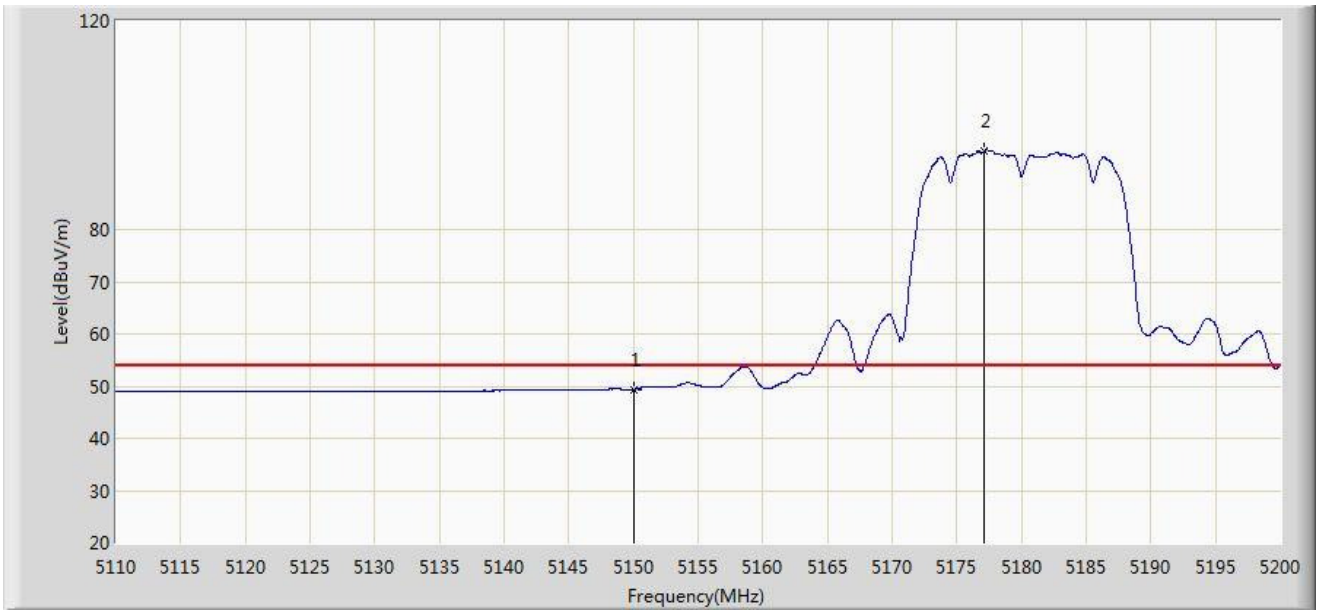



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5146.990 | 63.542 | 26.086 | -10.458 | 74.000 | 37.456 | PK |
| 2 | | | 5150.000 | 61.547 | 24.095 | -12.453 | 74.000 | 37.452 | PK |
| 3 | | * | 5182.450 | 98.130 | 60.762 | N/A | N/A | 37.368 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 11:49 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant A | |

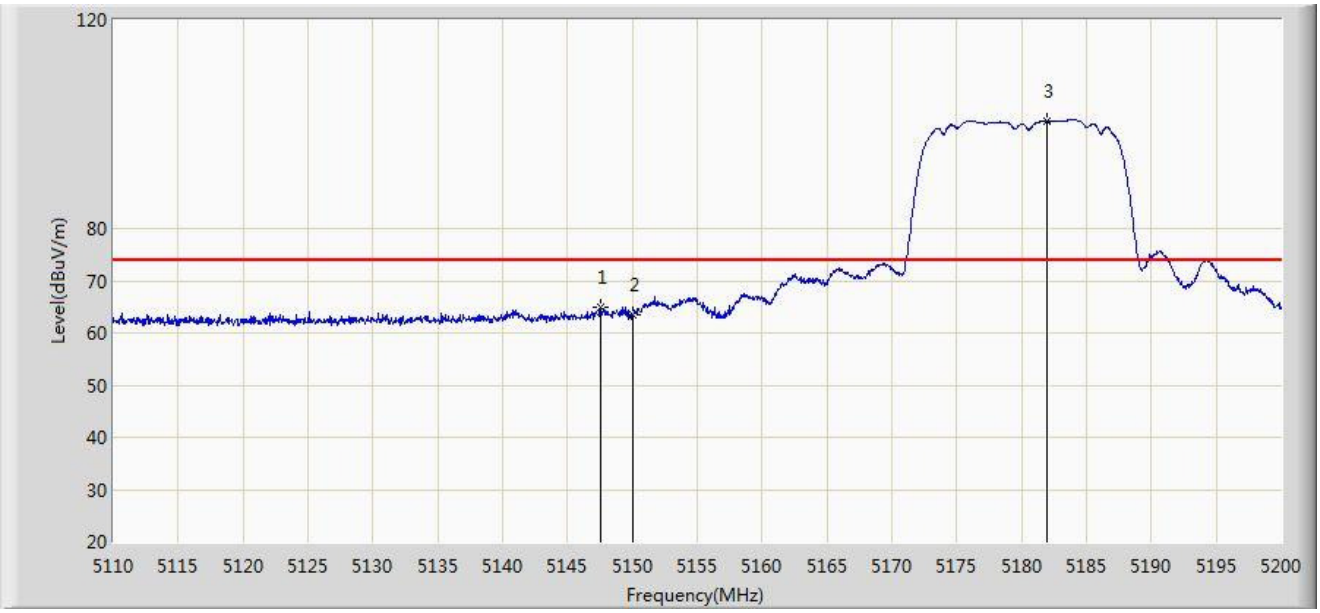



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 49.327 | 11.875 | -4.673 | 54.000 | 37.452 | AV |
| 2 | | * | 5177.095 | 95.012 | 57.632 | N/A | N/A | 37.380 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 12:03 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant B | |

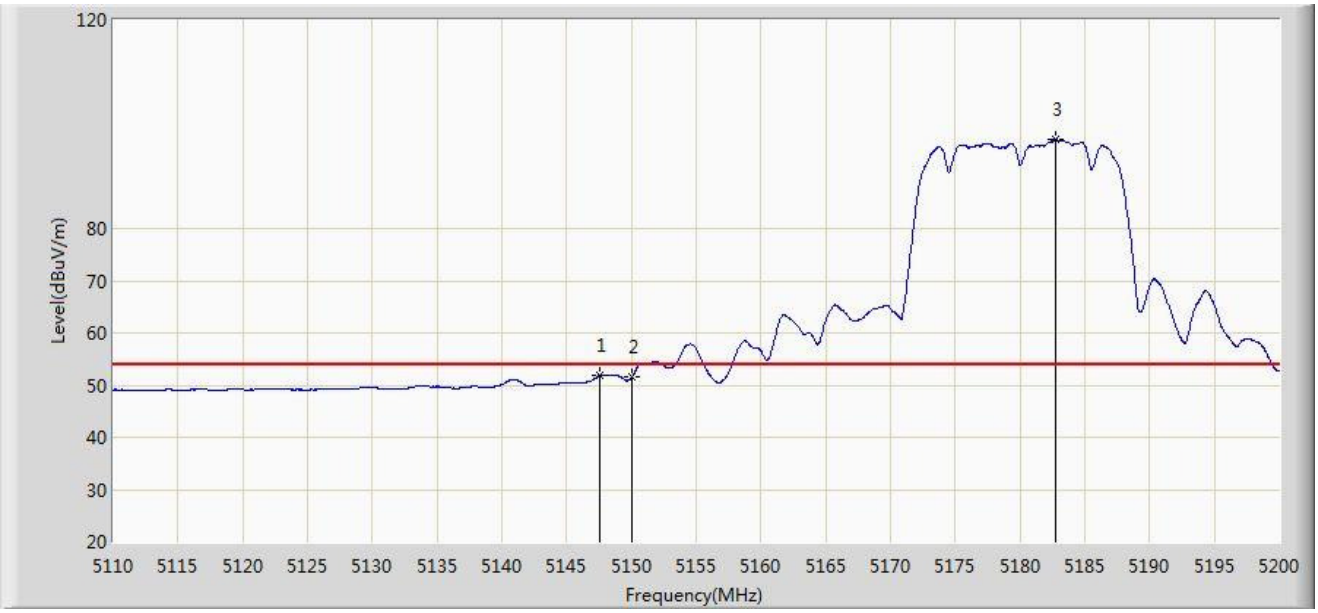



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5147.575 | 64.922 | 27.467 | -9.078 | 74.000 | 37.455 | PK |
| 2 | | | 5150.000 | 63.345 | 25.893 | -10.655 | 74.000 | 37.452 | PK |
| 3 | | * | 5181.910 | 100.609 | 63.240 | N/A | N/A | 37.370 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 12:07 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Horizontal |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant B | |

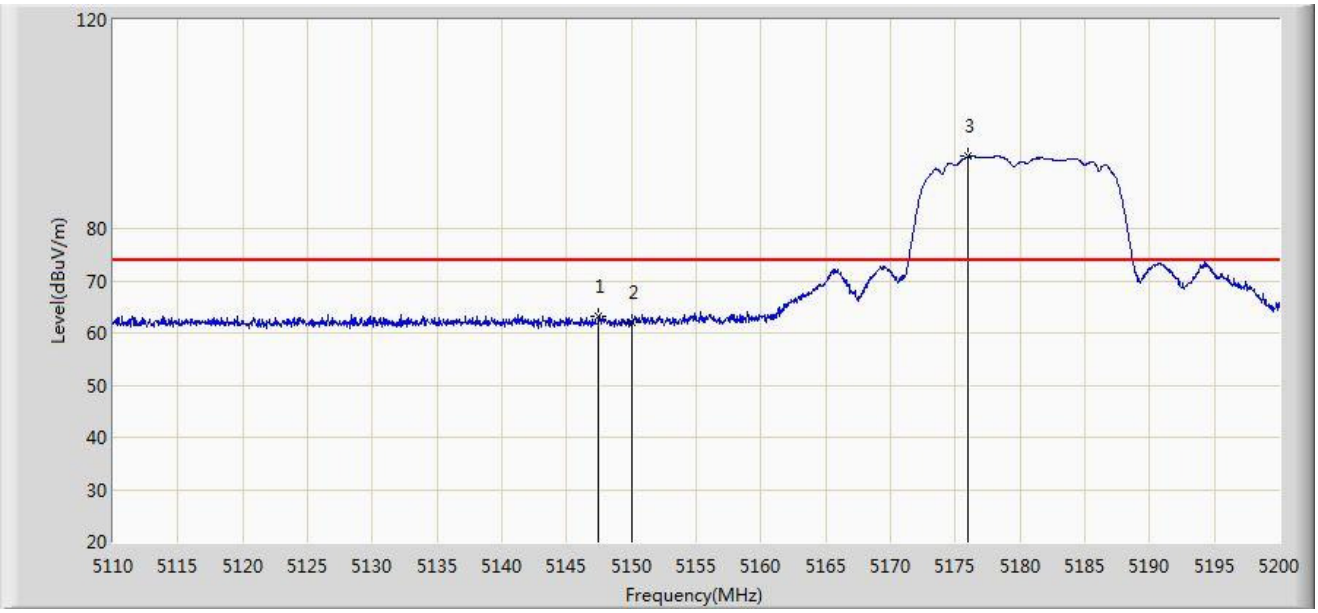



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5147.575 | 51.866 | 14.411 | -2.134 | 54.000 | 37.455 | AV |
| 2 | | | 5150.000 | 51.479 | 14.027 | -2.521 | 54.000 | 37.452 | AV |
| 3 | | * | 5182.720 | 97.175 | 59.808 | N/A | N/A | 37.368 | AV |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 12:16 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant B | |

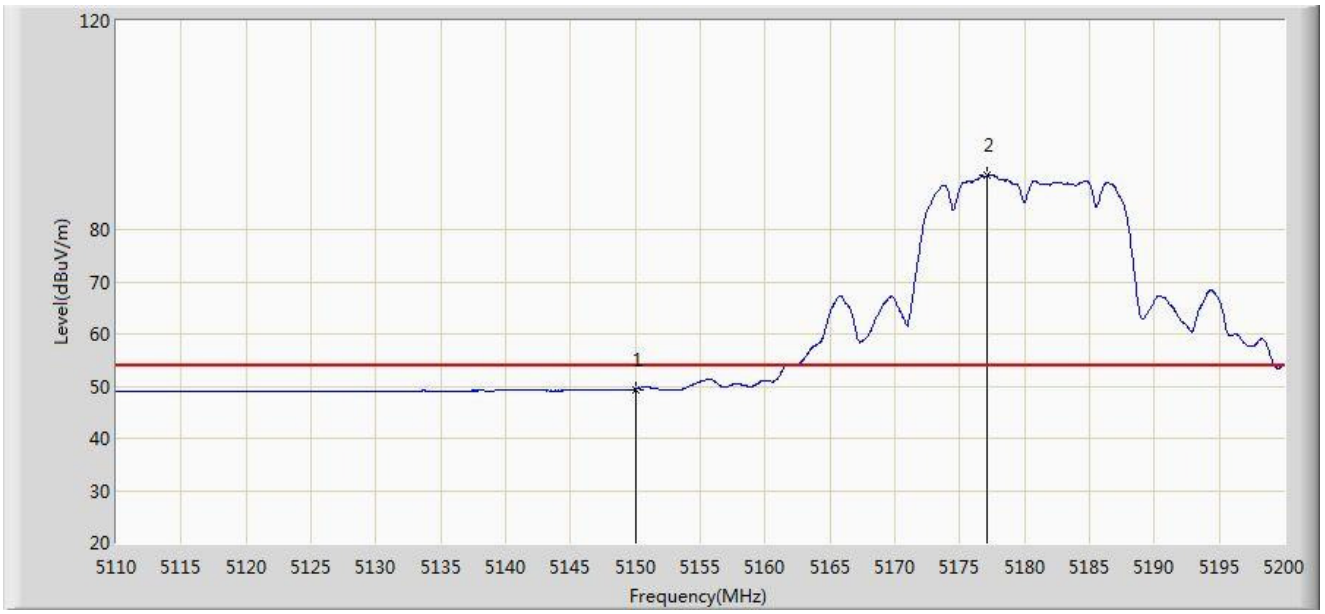



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5147.440 | 63.059 | 25.603 | -10.941 | 74.000 | 37.456 | PK |
| 2 | | | 5150.000 | 62.149 | 24.697 | -11.851 | 74.000 | 37.452 | PK |
| 3 | | * | 5176.015 | 93.773 | 56.390 | N/A | N/A | 37.383 | PK |

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

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

| | |
|---|---|
| Site: AC1 | Time: 2015/06/23 - 12:25 |
| Limit: FCC_Part15.209_RE(3m) | Engineer: Lewis Huang |
| Probe: BBHA9120D_1-18GHz | Polarity: Vertical |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Test Mode: Transmit at channel 5180MHz Ant B | |




| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 5150.000 | 49.391 | 11.939 | -4.609 | 54.000 | 37.452 | AV |
| 2 | | * | 5177.140 | 90.386 | 53.006 | N/A | N/A | 37.380 | AV |

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

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

## 7.10. AC Conducted Emissions Measurement

### 7.10.1. Test Limit

| FCC Part 15 Subpart E Paragraph 15.207 | | |
|---|---|---|
| Frequency (MHz) | QP (dBμV) | AV (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.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

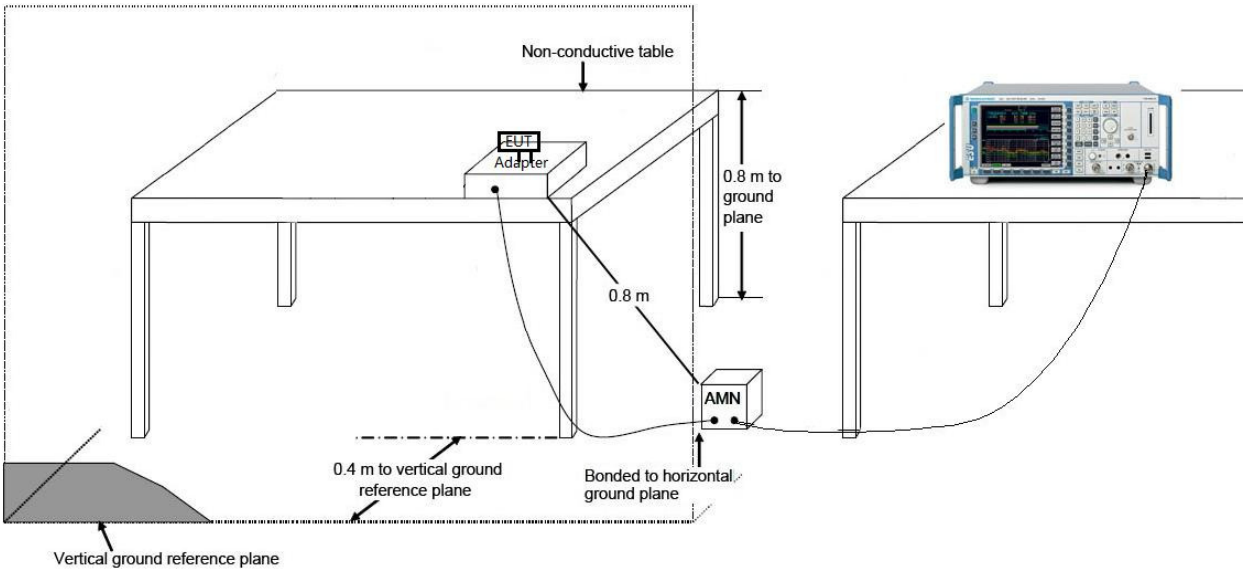
### 7.10.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

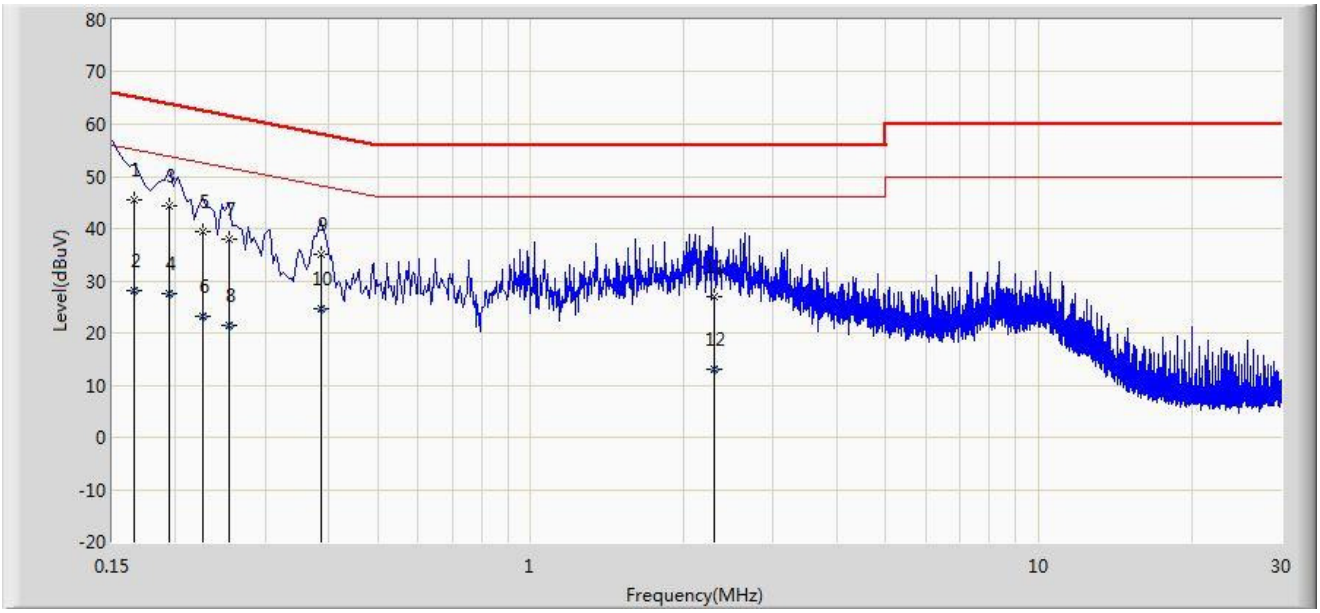
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

### 7.10.3. Test Setup



### 7.10.4. Test Result

| | |
|---|---|
| Site: SR2 | Time: 2015/06/22 - 15:02 |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Lewis Huang |
| Probe: ENV216_101683_Filter On | Polarity: Line |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Mode1 | |

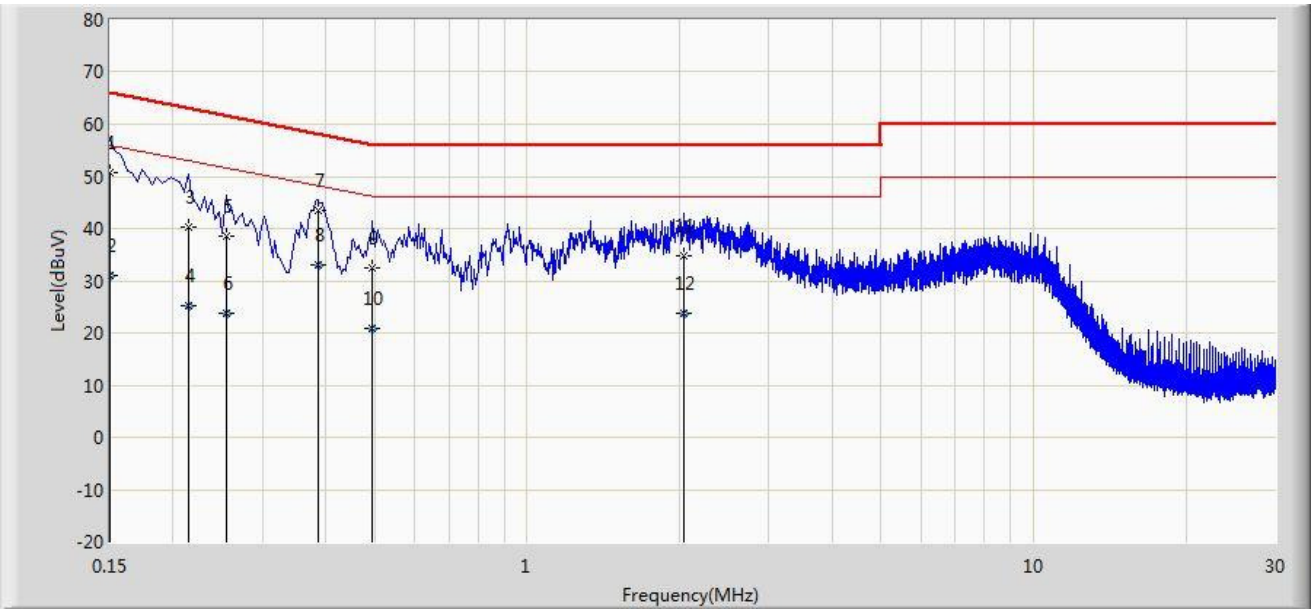



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.166 | 45.387 | 35.300 | -19.771 | 65.158 | 10.087 | QP |
| 2 | | | 0.166 | 28.187 | 18.099 | -26.971 | 55.158 | 10.087 | AV |
| 3 | | * | 0.194 | 44.205 | 34.188 | -19.659 | 63.864 | 10.017 | QP |
| 4 | | | 0.194 | 27.441 | 17.425 | -26.422 | 53.864 | 10.017 | AV |
| 5 | | | 0.226 | 39.409 | 29.465 | -23.187 | 62.595 | 9.944 | QP |
| 6 | | | 0.226 | 23.239 | 13.295 | -29.357 | 52.595 | 9.944 | AV |
| 7 | | | 0.254 | 37.829 | 27.861 | -23.797 | 61.625 | 9.967 | QP |
| 8 | | | 0.254 | 21.451 | 11.484 | -30.174 | 51.625 | 9.967 | AV |
| 9 | | | 0.386 | 35.147 | 25.073 | -23.002 | 58.149 | 10.074 | QP |
| 10 | | | 0.386 | 24.637 | 14.563 | -23.512 | 48.149 | 10.074 | AV |
| 11 | | | 2.293 | 26.865 | 17.002 | -29.135 | 56.000 | 9.863 | QP |
| 12 | | | 2.293 | 12.978 | 3.115 | -33.022 | 46.000 | 9.863 | AV |

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

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

| | |
|---|---|
| Site: SR2 | Time: 2015/06/22 - 15:43 |
| Limit: FCC_Part15.207_CE_AC Power | Engineer: Lewis Huang |
| Probe: ENV216_101683_Filter On | Polarity: Neutral |
| EUT: Pulse Link | Power: AC 120V/60Hz |
| Note: Mode1 | |




| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Factor (dB) | Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.150 | 50.751 | 39.609 | -15.249 | 66.000 | 11.142 | QP |
| 2 | | | 0.150 | 31.008 | 19.866 | -24.992 | 56.000 | 11.142 | AV |
| 3 | | | 0.214 | 40.299 | 30.311 | -22.750 | 63.049 | 9.988 | QP |
| 4 | | | 0.214 | 25.159 | 15.171 | -27.889 | 53.049 | 9.988 | AV |
| 5 | | | 0.254 | 38.621 | 28.617 | -23.005 | 61.625 | 10.004 | QP |
| 6 | | | 0.254 | 23.807 | 13.803 | -27.818 | 51.625 | 10.004 | AV |
| 7 | | * | 0.386 | 43.493 | 33.391 | -14.656 | 58.149 | 10.102 | QP |
| 8 | | | 0.386 | 33.168 | 23.066 | -14.981 | 48.149 | 10.102 | AV |
| 9 | | | 0.494 | 32.486 | 22.308 | -23.614 | 56.100 | 10.178 | QP |
| 10 | | | 0.494 | 20.778 | 10.599 | -25.322 | 46.100 | 10.178 | AV |
| 11 | | | 2.038 | 34.859 | 24.987 | -21.141 | 56.000 | 9.872 | QP |
| 12 | | | 2.038 | 23.758 | 13.886 | -22.242 | 46.000 | 9.872 | 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 **Pulse Link FCC ID:**

**2ABX8SH-000000013** is in compliance with Part 15E of the FCC Rules.

The End