

RF TEST REPORT

Report No.: DDT-B21120603-1E01

| | | |
|-----------------------------|---|--|
| Applicant | : | LG Electronics USA, Inc. |
| Applicant Address | : | 1000 Sylvan Ave. Englewood Cliffs, New Jersey, United States 07632 |
| Equipment Under Test | : | Mobile Handset |
| Model No. | : | LM-X430FMW, LM-X430HM |
| Trade Mark | : | LG |
| FCC ID | : | ZNFX430HM |
| Manufacturer | : | Huaqin Telecom Technology Co., Ltd. |
| Manufacturer Address | : | No.1 Building, No.9 Building, No.399, Keyuan Road, Zhangjiang Hi-tech Park, Shanghai, P.R.China |

Issued By: Tianjin Dongdian Testing Service Co., Ltd.

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Test Report Declare

| | | |
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Test Standard Used:

FCC Rules and Regulations: 47 CFR Part2, Part22, Part24, Part27

Test Procedure Used:

ANSI C63.26:2015, KDB 971168 D01 v03r01

We Declare:

The equipment described above is tested by Tianjin Dongdian Testing Service Co., Ltd and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Tianjin Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

| | | | |
|-------------------------|--------------------|----------------------|------------------------------|
| Report No: | DDT-B21120603-1E01 | | |
| Date of Receipt: | Dec. 6, 2021 | Date of Test: | Dec. 6, 2021 ~ Dec. 11, 2021 |

Prepared By:

Leon Li

Leon Li/Engineer

Approved By:

Aaron Zhang

Aaron Zhang/EMC Manager



Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision History

| Rev. | Revisions | Issue Date | Revised By |
|------|---------------|---------------|------------|
| --- | Initial issue | Dec. 11, 2021 | |
| | | | |

1. Summary of Test Results

1.1. GSM1900 / UMTS Band2 / LTE Band2

| Summary of Test Results | | | |
|--|----------------------|---|-------------------|
| Test Item | Standard | Requirements | Result |
| Effective (Isotropic) Radiated Power | FCC §2.1046, §24.232 | EIRP: ≤2W | Pass ¹ |
| Peak-to-Average Ratio | FCC §2.1046, §24.232 | Limit: ≤13dB | Pass ¹ |
| Modulation Characteristics | FCC §2.1047 | Digital modulation | Pass ¹ |
| Occupied Bandwidth | §2.1049 | No limit | Pass ¹ |
| Band Edges Compliance | FCC §2.1051, §24.238 | Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1Mhz | Pass ¹ |
| Spurious Emission at Antenna Terminals | FCC §2.1051, §24.238 | Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1Mhz | Pass ¹ |
| Field Strength of Spurious Radiation | FCC §2.1053, §24.238 | Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1Mhz | Pass ² |
| Frequency Stability | FCC §2.1055, §24.235 | Emission must remain in band | Pass ¹ |

Note 1:
The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/7/31 ~2019/8/26). The detailed data can refer to Appendix B.1-GSM850 & GSM1900 and Appendix B.2-WCDMA BAND II & IV & V and Appendix B.3-LTE Band 2.

Note2:
The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.

1.2. LTE Band4 / Band66

| Summary of Test Results | | | |
|--|---------------------|---|-------------------|
| Test Item | Standard | Requirements | Result |
| Effective (Isotropic) Radiated Power | FCC §2.1046, §27.50 | EIRP: ≤1W | Pass ¹ |
| Peak-to-Average Ratio | FCC §2.1046, §27.50 | Limit: ≤13dB | Pass ¹ |
| Modulation Characteristics | FCC §2.1047 | Digital modulation | Pass ¹ |
| Occupied Bandwidth | FCC §2.1049 | No limit | Pass ¹ |
| Band Edges Compliance | FCC §2.1051, §27.53 | Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1MHz | Pass ¹ |
| Spurious Emission at Antenna Terminals | FCC §2.1051, §27.53 | Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1MHz | Pass ¹ |
| Field Strength of Spurious Radiation | FCC §2.1053, §27.53 | Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1MHz | Pass ² |

| | | | |
|---|---------------------|------------------------------|-------------------|
| Frequency Stability | FCC §2.1055, §27.54 | Emission must remain in band | Pass ¹ |
| <p>Note 1: The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/7/31 ~2019/8/26). The detailed data can refer to Appendix B.4-LTE Band 4 and Appendix B.10-LTE Band 66.</p> <p>Note2: The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.</p> | | | |

1.3. GSM850 / UMTS Band5 / LTE Band5

| Summary of Test Results | | | |
|---|----------------------|--|-------------------|
| Test Item | Standard | Requirements | Result |
| Effective (Isotropic) Radiated Power | FCC §2.1046, §22.913 | ERP: ≤ 7W | Pass ¹ |
| Peak-to-Average Ratio | FCC §2.1046 | Limit: ≤13dB | Pass ¹ |
| Modulation Characteristics | FCC §2.1047 | Digital modulation | Pass ¹ |
| Occupied Bandwidth | FCC §2.1049 | No limit | Pass ¹ |
| Band Edges Compliance | FCC §2.1051, §22.917 | Limit: 1) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz) | Pass ¹ |
| Spurious Emission at Antenna Terminals | FCC §2.1051, §22.917 | Limit: 1) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz) | Pass ¹ |
| Field Strength of Spurious Radiation | FCC §2.1053, §22.917 | Limit: 1) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz) | Pass ² |
| Frequency Stability | FCC §2.1055, §22.355 | △: <±2.5ppm | Pass ¹ |
| <p>Note 1: The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/7/31 ~2019/8/26). The detailed data can refer to Appendix B.1-GSM850 & GSM1900 and Appendix B.2-WCDMA BAND II & IV & V and Appendix B.5-LTE Band 5.</p> <p>Note2: The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.</p> | | | |

1.4. LTE Band7

| Summary of Test Results | | | |
|--------------------------------------|---------------------|--------------------|-------------------|
| Test Item | Standard | Requirements | Result |
| Effective (Isotropic) Radiated Power | FCC §2.1046, §27.50 | EIRP: ≤2W | Pass ¹ |
| Peak-to-Average Ratio | FCC §2.1046, §27.50 | Limit: ≤13dB | Pass ¹ |
| Modulation Characteristics | FCC §2.1047 | Digital modulation | Pass ¹ |
| Occupied Bandwidth | FCC §2.1049 | FCC: No limit | Pass ¹ |

| | | | |
|---|---------------------|---|-------------------|
| Band Edges Compliance | FCC §2.1051, §27.53 | Limit: 1) $\leq P(\text{dBm}) - [40 + 10 \log(P(\text{w}))]$ dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2) $\leq P(\text{dBm}) - [43 + 10 \log(P(\text{w}))]$ dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz and 2496 MHz, X=Max {6Mhz, EBW} 3) $\leq P(\text{dBm}) - [55 + 10 \log(P(\text{w}))]$ dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz. | Pass ¹ |
| Spurious Emission at Antenna Terminals | FCC §2.1051, §27.53 | Limit: 1) $\leq P(\text{dBm}) - [40 + 10 \log(P(\text{w}))]$ dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2) $\leq P(\text{dBm}) - [43 + 10 \log(P(\text{w}))]$ dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz and 2496 MHz, X=Max {6Mhz, EBW} 3) $\leq P(\text{dBm}) - [55 + 10 \log(P(\text{w}))]$ dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz. | Pass ¹ |
| Field Strength of Spurious Radiation | FCC §2.1053, §27.53 | Limit: 1) $\leq P(\text{dBm}) - [40 + 10 \log(P(\text{w}))]$ dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2) $\leq P(\text{dBm}) - [43 + 10 \log(P(\text{w}))]$ dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz and 2496 MHz, X=Max {6Mhz, EBW} 3) $\leq P(\text{dBm}) - [55 + 10 \log(P(\text{w}))]$ dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz. | Pass ² |
| Frequency Stability | FCC §2.1055, §27.54 | Emission must remain in band | Pass ¹ |
| <p>Note 1: The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/7/31 ~2019/8/26). The detailed data can refer to Appendix B.6-LTE Band 7.</p> <p>Note2: The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.</p> | | | |

1.5. LTE Band12 / Band17

| Summary of Test Results | | | |
|--------------------------------------|---------------------|---------------------------|-------------------|
| Test Item | Standard | Requirements | Result |
| Effective (Isotropic) Radiated Power | FCC §2.1046, §27.50 | ERP: $\leq 3\text{W}$ | Pass ¹ |
| Peak-to-Average Ratio | FCC §2.1046, §27.50 | Limit: $\leq 13\text{dB}$ | Pass ¹ |

| | | | |
|---|---------------------|---|-------------------|
| Modulation Characteristics | FCC §2.1047 | Digital modulation | Pass ¹ |
| Occupied Bandwidth | FCC §2.1049 | No limit | Pass ¹ |
| Band Edges Compliance | FCC §2.1051, §27.53 | Limit: $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100KHz | Pass ¹ |
| Spurious Emission at Antenna Terminals | FCC §2.1051, §27.53 | Limit: $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100KHz | Pass ¹ |
| Field Strength of Spurious Radiation | FCC §2.1053, §27.53 | Limit: $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100KHz | Pass ² |
| Frequency Stability | FCC §2.1055, §27.54 | Emission must remain in band | Pass ¹ |
| <p>Note 1: The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/7/31 ~2019/8/26). The detailed data can refer to Appendix B.7-LTE Band 12 and Appendix B.9-LTE Band 17.</p> <p>Note2: The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.</p> | | | |

1.6. LTE Band13

| Summary of Test Results | | | |
|--|---------------------|--|-------------------|
| Test Item | Standard | Requirements | Result |
| Effective (Isotropic) Radiated Power | FCC §2.1046, §27.50 | ERP: $\leq 3W$ | Pass ¹ |
| Peak-to-Average Ratio | FCC §2.1046, §27.50 | Limit: $\leq 13\text{dB}$ | Pass ¹ |
| Modulation Characteristics | FCC §2.1047 | Digital modulation | Pass ¹ |
| Occupied Bandwidth | FCC §2.1049 | No limit | Pass ¹ |
| Band Edges Compliance | FCC §2.1051, §27.53 | Limit: 1) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz on any frequency outside the 776-788 MHz band. 2) $\leq P(\text{dBm}) - [65 + 10 \log(P(w))]$ dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3) EIRP: $\leq 70\text{dBW/MHz}$ (wideband) on 1559-1610MHz. 4) EIRP: $\leq 80\text{dBW}$ (narrowband <700Hz) on 1559-1610MHz. | Pass ¹ |
| Spurious Emission at Antenna Terminals | FCC §2.1051, §27.53 | Limit: 1) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz on any frequency outside the 776-788 MHz band. 2) $\leq P(\text{dBm}) - [65 + 10 \log(P(w))]$ dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3) EIRP: $\leq 70\text{dBW/MHz}$ (wideband) on 1559-1610MHz. 4) EIRP: $\leq 80\text{dBW}$ (narrowband <700Hz) on 1559-1610MHz. | Pass ¹ |
| Field Strength of Spurious Radiation | FCC §2.1053, §27.53 | Limit: 1) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz on any frequency outside | Pass ² |

| | | | |
|---|---------------------|---|-------------------|
| | | the 776-788 MHz band. 2) $\leq P(\text{dBm}) - [65 + 10 \log(P(\text{w}))]$ dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3) EIRP: ≤ -70 dBW/MHz (wideband) on 1559-1610 MHz. 4) EIRP: ≤ -80 dBW (narrowband <700 Hz) on 1559-1610 MHz. | |
| Frequency Stability | FCC §2.1055, §27.54 | Emission must remain in band | Pass ¹ |
| <p>Note 1: The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/7/31 ~2019/8/26). The detailed data can refer to Appendix B.8-LTE Band 13.</p> <p>Note 2: The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.</p> | | | |

2. General Test Information

2.1. Description of EUT

| | | | | | | | | | | |
|-------------------------------|--|----------------|-----------|-----------|-----------------------------|-----|---|-----|-----|-----|
| EUT Description | : Mobile Handset | | | | | | | | | |
| Model Number | : LM-X430EMW | | | | | | | | | |
| Trade Mark | : LG | | | | | | | | | |
| IMEI | : 358854100143674 358854100143682 | | | | | | | | | |
| Serial Number | : N/A | | | | | | | | | |
| Hardware Version | : REV1.0 | | | | | | | | | |
| Software Version | : V09c | | | | | | | | | |
| Sample Type | : Portable Device | | | | | | | | | |
| Frequency band | GSM | | Tx (MHz) | Rx (MHz) | Supported Channel Bandwidth | | | | | |
| | GSM850 | | 824-849 | 869-894 | 0.2MHz | | | | | |
| | GSM1900 | | 1850-1910 | 1930-1990 | 0.2MHz | | | | | |
| | UMTS | | Tx (MHz) | Rx (MHz) | Supported Channel Bandwidth | | | | | |
| | Band II | | 1850-1910 | 1930-1990 | 5MHz | | | | | |
| | Band IV | | 1710-1755 | 2110-2155 | 5MHz | | | | | |
| | Band V | | 824-849 | 869-894 | 5MHz | | | | | |
| | E-UTRA LTE | Duplex Mode | Tx (MHz) | Rx (MHz) | Supported Channel Bandwidth | | | | | |
| | Band 2 | FDD | 1850-1910 | 1930-1990 | 1.4 | 3 | 5 | 10 | 15 | 20 |
| | Band 4 | FDD | 1710-1755 | 2110-2155 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| | Band 5 | FDD | 824-849 | 869-894 | ☑ | ☑ | ☑ | ☑ | --- | --- |
| | Band 7 | FDD | 2500-2570 | 2620-2690 | --- | --- | ☑ | ☑ | ☑ | ☑ |
| | Band 12 | TDD | 699-716 | 729-746 | ☑ | ☑ | ☑ | ☑ | --- | --- |
| | Band 13 | FDD | 777-787 | 746-756 | --- | --- | ☑ | ☑ | --- | --- |
| Band 17 | FDD | 704-716 | 734-746 | --- | --- | ☑ | ☑ | --- | --- | |
| Band 66 | TDD | 1710-1780 | 2110-2200 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ | |
| Target Power & Power Class | : GSM850(PC5): 34 dBm GSM1900(PC0): 31dBm UMTS Band II(PC3): 24.5dBm | | | | | | | | | |

| | | |
|--------------------|---|---|
| | UMTS Band IV(PC3): 24.5dBm UMTS Band V(PC3): 25dBm LTE Band 2(PC3): 24.5dBm LTE Band 4(PC3): 24.5dBm LTE Band 5(PC3): 25dBm LTE Band 7(PC3): 24dBm LTE Band 12(PC3): 25dBm LTE Band 13(PC3): 25dBm LTE Band 17(PC3): 25dBm LTE Band 66(PC3): 24.5dBm | |
| Type of modulation | GSM | GSM: GMSK GPRS: GMSK EGPRS: GMSK, 8-PSK |
| | UMTS | WCDMA: UL: BPSK, DL: QPSK HSDPA: QPSK, 16QAM |
| | E-UTRA | LTE: QPSK, 16QAM |
| Antenna Type | Fixed Internal Antenna | |
| Antenna Gain | GSM850: -0.6dBi; GSM1900: -0.7dBi UMTS Band II: -0.7dBi UMTS Band IV: -1dBi UMTS Band V: -0.6dBi LTE Band 2: -0.7dBi; LTE Band 4: -1.0dBi; LTE Band 5: -0.6dBi; LTE Band 7: -1.5dBi LTE Band 12: -3.0dBi; LTE Band 13: -3.0dBi; LTE Band 17: -3.0dBi; LTE Band 66: -0.8dBi; | |
| Power Supply | DC by Internal battery DC by 5VAC/DC Adapter | |

Note: EUT is the abbreviation of equipment under test.

2.2. Difference of Model Number

The difference between LM-X430FMW, LM-X430HM and LM-X430EMW is shown in the below table:

| | | LM-X430FMW (Updated approval) | LM-X430HM (Updated approval) | LM-X430EMW (Full approval) |
|----------------------|------------------|---|---|-------------------------------|
| | Software version | different | different | different |
| Licensed Frequency | LTE | B1/ B2/B3/ B4/B5/B7/B8/B12/B13/B17/B28/B38/B40/B66 | B1/ B2/B3/ B4/B5/B7/B8/B12/B13/B17/B28/B38/B40/B66 | B1/ B3/ B7/B8/B20/B38 |
| | CA | Not support | Not support | Not support |
| | UMTS | B1,B2,B4,B5,B8 | B1,B2,B4,B5,B8 | B1,B2,B5,B8 |
| | GSM | the same | the same | the same |
| | IC | the same | the same | the same |
| | Antenna | the same | the same | the same |
| Unlicensed Frequency | Bluetooth | the same | the same | the same |
| | 2.4G Wi-Fi | the same | the same | the same |
| | IC | the same | the same | the same |
| | Antenna | the same | the same | the same |
| Hardware | Ram / Rom | 2G/32G | 2G/32G | 2G/32G |
| | Camera | the same | the same | the same |
| | PCB | the same | the same | the same |
| | USB Port | the same | the same | the same |
| | NFC | Not support | Not support | support |
| | FM | support | support | Not support |
| Appearance | Dimension | the same | the same | the same |
| | Color | the same | the same | the same |
| Accessory other | Battery | the same | the same | the same |
| | External Charger | the same | the same | the same |
| | USB Cable | the same | the same | the same |
| | SIM card | Double SIM | Single SIM | Double SIM |

According to the difference above,

1. There were no test on LM-X430HM, all the data of LM-X430HM can refer to the LM-X430FMW,
2. Only LTE band2/4/5/7/12/13/17/66 and WCDMA Band IV were fully tested on LM-X430FMW, the data of GSM 850/1900, WCDMA Band II/V were copied from the report of LM-X430EMW (Report No.: DDT-B21120602-1E01)

2.3. RF Channel Information

| GSM Band | Transmitter/ Receiver | Channel Bandwidth | Lowest range(L) | Middle range(M) | Highest range(H) |
|----------|-----------------------|-------------------|--------------------------|--------------------------|--------------------------|
| GSM 850 | Transmitter | 0.2MHz | Channel 128 (824.2 MHz) | Channel 190 (836.6 MHz) | Channel 251 (848.8 MHz) |
| | Receiver | | 869.2 MHz | 881.6MHz | 893.8 MHz |
| GSM 1900 | Transmitter | 0.2MHz | Channel 512 (1850.2 MHz) | Channel 661 (1880.0 MHz) | Channel 810 (1909.8 MHz) |
| | Receiver | | 1930.2 MHz | 1960.0 MHz | 1989.8 MHz |

| UMTS Band | Transmitter / Receiver | Channel Bandwidth | Lowest range(L) | Middle range(M) | Highest range(H) |
|-----------|------------------------|-------------------|--------------------------|--------------------------|--------------------------|
| Band II | Transmitter | 5MHz | Channel 9262 (1852.4MHz) | Channel 9400 (1880.0MHz) | Channel 9538 (1907.6MHz) |
| | Receiver | | Channel 9662 (1932.4MHz) | Channel 9800 (1960.0MHz) | Channel 9938 (1987.6MHz) |
| Band IV | Transmitter | 5MHz | Channel 1312 (1712.4MHz) | Channel 1413 (1732.6MHz) | Channel 1513 (1752.6MHz) |
| | Receiver | | Channel 1537 (2112.4MHz) | Channel 1638 (2132.6MHz) | Channel 1738 (2152.6MHz) |
| Band V | Transmitter | 5MHz | Channel 4132 (826.4MHz) | Channel 4182 (836.4MHz) | Channel 4233 (846.6MHz) |
| | Receiver | | Channel 4357 (871.4MHz) | Channel 4407 (881.4MHz) | Channel 4458 (891.6MHz) |

| E-UTRA Band | Transmitter/ Receiver | Channel Bandwidth | Frequencies Under Test | | |
|-------------|-----------------------|-------------------|---------------------------|-------------------------|---------------------------|
| | | | Lowest range(L) | Middle range(M) | Highest range(H) |
| Band 2 | Transmitter | 1.4MHz | Channel 18607 (1850.7MHz) | Channel 18900 (1880MHz) | Channel 19193 (1909.3MHz) |
| | | 3MHz | Channel 18615 (1851.5MHz) | Channel 18900 (1880MHz) | Channel 19185 (1908.5MHz) |
| | | 5MHz | Channel 18625 (1852.5MHz) | Channel 18900 (1880MHz) | Channel 19175 (1907.5MHz) |
| | | 10MHz | Channel 18650 (1855MHz) | Channel 18900 (1880MHz) | Channel 19150 (1905MHz) |
| | | 15MHz | Channel 18675 (1857.5MHz) | Channel 18900 (1880MHz) | Channel 19125 (1902.5MHz) |
| | | 20MHz | Channel 18700 (1860MHz) | Channel 18900 (1880MHz) | Channel 19100 (1900MHz) |
| | Receiver | 1.4MHz | Channel 607 (1930.7MHz) | Channel 900 (1960MHz) | Channel 1193 (1989.3MHz) |
| | | 3MHz | Channel 615 (1931.5MHz) | Channel 900 (1960MHz) | Channel 1185 (1988.5MHz) |
| | | 5MHz | Channel 625 (1932.5MHz) | Channel 900 (1960MHz) | Channel 1175 (1987.5MHz) |
| | | 10MHz | Channel 650 (1935MHz) | Channel 900 (1960MHz) | Channel 1150 (1985MHz) |
| | | 15MHz | Channel 675 | Channel 900 | Channel 1125 |

| | | | | | |
|--------|-------------|--------|-------------------------------|------------------------------|------------------------------|
| | | | (1937.5MHz) | (1960MHz) | (1982.5MHz) |
| | | 20MHz | Channel 700 (1940MHz) | Channel 900 (1960MHz) | Channel 1100 (1980MHz) |
| Band 4 | Transmitter | 1.4MHz | Channel 19957 (1710.7MHz) | Channel 20175 (1732.5MHz) | Channel 20393 (1754.3MHz) |
| | | 3MHz | Channel 19965 (1711.5MHz) | Channel 20175 (1732.5MHz) | Channel 20385 (1753.5MHz) |
| | | 5MHz | Channel 19975 (1712.5MHz) | Channel 20175 (1732.5MHz) | Channel 20375 (1752.5MHz) |
| | | 10MHz | Channel 20000 (1715MHz) | Channel 20175 (1732.5MHz) | Channel 20350 (1750MHz) |
| | | 15MHz | Channel 20025 (1717.5 MHz) | Channel 20175 (1732.5MHz) | Channel 20325 (1747.5MHz) |
| | | 20MHz | Channel 20050 (1720 MHz) | Channel 20175 (1732.5MHz) | Channel 20300 (1745MHz) |
| | Receiver | 1.4MHz | Channel 1957 (2110.7MHz) | Channel 2175 (2132.5MHz) | Channel 2393 (2154.3MHz) |
| | | 3MHz | Channel 1965 (2111.5MHz) | Channel 2175 (2132.5MHz) | Channel 2385 (2153.5MHz) |
| | | 5MHz | Channel 1975 (2112.5MHz) | Channel 2175 (2132.5MHz) | Channel 2375 (2152.5MHz) |
| | | 10MHz | Channel 2000 (2115MHz) | Channel 2175 (2132.5MHz) | Channel 2350 (2150MHz) |
| | | 15MHz | Channel 2025 (2117.5MHz) | Channel 2175 (2132.5MHz) | Channel 2325 (2147.5MHz) |
| | | 20MHz | Channel 2050 (2120MHz) | Channel 2175 (2132.5MHz) | Channel 2300 (2145MHz) |
| Band5 | Transmitter | 1.4MHz | Channel 20407 (824.7MHz) | Channel 20525 (836.5MHz) | Channel 20643 (848.3MHz) |
| | | 3MHz | Channel 20415 (825.5MHz) | Channel 20525 (836.5MHz) | Channel 20635 (847.5MHz) |
| | | 5MHz | Channel 20425 (826.5MHz) | Channel 20525 (836.5MHz) | Channel 20625 (846.5MHz) |
| | | 10MHz | Channel 20450 (829 MHz) | Channel 20525 (836.5MHz) | Channel 20600 (844MHz) |
| | Receiver | 1.4MHz | Channel 2407 (869.7MHz) | Channel 2525 (881.5MHz) | Channel 2643 (893.3MHz) |
| | | 3MHz | Channel 2415 (870.5MHz) | Channel 2525 (881.5MHz) | Channel 2635 (892.5MHz) |
| | | 5MHz | Channel 2425 (871.5MHz) | Channel 2525 (881.5MHz) | Channel 2625 (891.5MHz) |
| | | 10MHz | Channel 2450 (874MHz) | Channel 2525 (881.5MHz) | Channel 2600 (889MHz) |
| Band 7 | Transmitter | 5MHz | Channel 20775 (2502.5MHz) | Channel 21100 (2535MHz) | Channel 21425 (2567.5MHz) |
| | | 10MHz | Channel 20800 (2505MHz) | Channel 21100 (2535MHz) | Channel 21400 (2565MHz) |
| | | 15MHz | Channel 20825 (2507.5MHz) | Channel 21100 (2535MHz) | Channel 21375 (2562.5MHz) |
| | | 20MHz | Channel 20850 (2510MHz) | Channel 21100 (2535MHz) | Channel 21350 (2560MHz) |
| | Receiver | 5MHz | Channel 2775 | Channel 3100 | Channel 3425 |

| | | | | | |
|---------|-------------|--------|-------------------------------|-----------------------------|-------------------------------|
| | | | (2622.5MHz) | (2655MHz) | (2687.5MHz) |
| | | 10MHz | Channel 2800 (2625MHz) | Channel 3100 (2655MHz) | Channel 3400 (2685MHz) |
| | | 15MHz | Channel 2825 (2627.5MHz) | Channel 3100 (2655MHz) | Channel 3375 (2682.5MHz) |
| | | 20MHz | Channel 2850 (2630MHz) | Channel 3100 (2655MHz) | Channel 3350 (2680MHz) |
| Band 12 | Transmitter | 1.4MHz | Channel 23017 (699.7MHz) | Channel 23095 (707.5MHz) | Channel 23173 (715.3MHz) |
| | | 3MHz | Channel 23025 (700.5MHz) | Channel 23095 (707.5MHz) | Channel 23165 (714.5MHz) |
| | | 5MHz | Channel 23035 (701.5MHz) | Channel 23095 (707.5MHz) | Channel 23155 (713.5MHz) |
| | | 10MHz | Channel 23060 (704MHz) | Channel 23095 (707.5MHz) | Channel 23130 (711MHz) |
| | Receiver | 1.4MHz | Channel 5017 (729.7MHz) | Channel 5095 (737.5MHz) | Channel 5173 (745.3MHz) |
| | | 3MHz | Channel 5025 (730.5MHz) | Channel 5095 (737.5MHz) | Channel 5165 (744.5MHz) |
| | | 5MHz | Channel 5035 (731.5MHz) | Channel 5095 (737.5MHz) | Channel 5155 (743.5MHz) |
| | | 10MHz | Channel 5060 (734MHz) | Channel 5095 (737.5MHz) | Channel 5130 (741MHz) |
| Band 13 | Transmitter | 5MHz | Channel 23205 (779.5MHz) | Channel 23230 (782MHz) | Channel 23255 (784.5MHz) |
| | | 10MHz | Channel 23230 (782MHz) | Channel 23230 (782MHz) | Channel 23230 (782MHz) |
| | Receiver | 5MHz | Channel 5205 (748.5MHz) | Channel 5230 (751MHz) | Channel 5255 (753.5MHz) |
| | | 10MHz | Channel 5230 (751MHz) | Channel 5230 (751MHz) | Channel 5230 (751MHz) |
| Band 17 | Transmitter | 5MHz | Channel 23755 (706.5MHz) | Channel 23790 (710MHz) | Channel 23825 (713.5MHz) |
| | | 10MHz | Channel 23780 (709MHz) | Channel 23790 (710MHz) | Channel 23800 (711MHz) |
| | Receiver | 5MHz | Channel 5755 (736.5MHz) | Channel 5790 (740MHz) | Channel 5825 (743.5MHz) |
| | | 10MHz | Channel 5780 (739MHz) | Channel 5790 (740MHz) | Channel 5800 (741MHz) |
| Band 66 | Transmitter | 1.4MHz | Channel 131979 (1710.7MHz) | Channel 132322 (1745MHz) | Channel 132665 (1779.3MHz) |
| | | 3MHz | Channel 131987 (1711.5MHz) | Channel 132322 (1745MHz) | Channel 132657 (1778.5MHz) |
| | | 5MHz | Channel 131997 (1712.5MHz) | Channel 132322 (1745MHz) | Channel 132647 (1777.5MHz) |
| | | 10MHz | Channel 132022 (1715MHz) | Channel 132322 (1745MHz) | Channel 132622 (1775MHz) |
| | | 15MHz | Channel 132047 (1717.5MHz) | Channel 132322 (1745MHz) | Channel 132597 (1772.5MHz) |
| | | 20MHz | Channel 132072 (1720MHz) | Channel 132322 (1745MHz) | Channel 132572 (1770MHz) |
| | Receiver | 1.4MHz | Channel 66443 | Channel 66786 | Channel 67129 |

| | | | | |
|--|-------|------------------------------|-----------------------------|------------------------------|
| | | (2110.7MHz) | (2145 MHz) | (2179.3MHz) |
| | 3MHz | Channel 66451 (2111.5MHz) | Channel 66786 (2145 MHz) | Channel 67121 (2178.5MHz) |
| | 5MHz | Channel 66461 (2112.5MHz) | Channel 66786 (2145 MHz) | Channel 67111 (2177.5MHz) |
| | 10MHz | Channel 66486 (2115MHz) | Channel 66786 (2145 MHz) | Channel 67086 (2175MHz) |
| | 15MHz | Channel 66511 (2117.5MHz) | Channel 66786 (2145 MHz) | Channel 67061 (2172.5MHz) |
| | 20MHz | Channel 66536 (2120MHz) | Channel 66786 (2145 MHz) | Channel 67036 (2170MHz) |

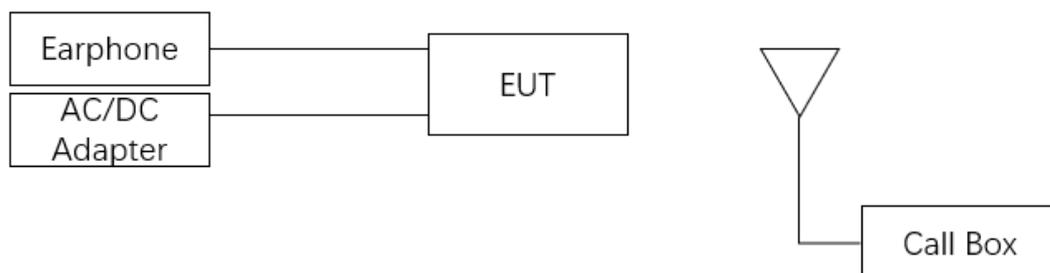
2.4. Accessories of EUT

| Description of Accessories | Manufacturer | Model number | Description | Remark |
|----------------------------|--------------|--------------|---|--------|
| Travel Adapter | LG | MCS-V02WH | Input: AC 100-240V~0.4A Output: DC 5.0V~2A | N/A |
| Earphone | N/A | N/A | N/A | N/A |

2.5. Assistant equipment used for test

| Assistant equipment | Manufacturer | Model number | EMC Compliance | SN |
|---------------------|--------------|--------------|----------------|-----|
| N/A | N/A | N/A | N/A | N/A |

2.6. Block diagram of EUT configuration for test



2.7. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

| Condition | Normal Condition | Extreme Condition |
|---|------------------|-----------------------|
| Pressure range | 86-106KPa | N/A |
| Relative Humidity | 30-75% | N/A |
| Temperature(°C) | NT: 25°C | N/A |
| Voltage(V) | NV: 3.8V | LV: 3.4V HV: 4.38V |
| Note: N/A: Not Applicable NV: Normal Voltage LV: Low Extreme Test Voltage HV: High Extreme Test Voltage NT: Normal Temperature LT: Low Extreme Test Temperature HT: High Extreme Test Temperature | | |

2.8. Worst-case Configuration and Test Mode

2.8.1. Worst-case Radiated test

-The EUT was tested in three orthogonal planes(X, Y, Z) and in all possible test configurations and positioning.

-All modes of operation were investigated and the worst-case configuration results are reports.

In the case of radiated spurious emissions, only result that confirmed the maximum radiated power was reported

-The worst case is reported with the EUT positioning, modulations, and paging service configurations shown in the test data.

-All modes of operation were tested and the worst case results are reported.

-Below table show the worst case details:

| Test Item | Test Mode | Band | Channel | Modulation | Bandwidth | Communication |
|--------------------------------------|------------|---------------|---------|------------|-----------|---------------|
| Field Strength of Spurious Radiation | Mode1 | GSM850 | L | GMSK | 0.2MHz | Circuit |
| | | | M | GMSK | 0.2MHz | Circuit |
| | | | H | GMSK | 0.2MHz | Circuit |
| | Mode2 | GSM1900 | L | GMSK | 0.2MHz | Circuit |
| | | | M | GMSK | 0.2MHz | Circuit |
| | | | H | GMSK | 0.2MHz | Circuit |
| | Mode3 | WCDMA Band II | L | QPSK | 5MHz | Circuit |
| | | | M | QPSK | 5MHz | Circuit |
| | | | H | QPSK | 5MHz | Circuit |
| | Mode4 | WCDMA Band IV | L | QPSK | 5MHz | Circuit |
| | | | M | QPSK | 5MHz | Circuit |
| | | | H | QPSK | 5MHz | Circuit |
| | Mode5 | WCDMA Band V | L | QPSK | 5MHz | Circuit |
| | | | M | QPSK | 5MHz | Circuit |
| | | | H | QPSK | 5MHz | Circuit |
| Mode6 | LTE Band 2 | L | QPSK | 20MHz | 1@0 | |
| | | M | QPSK | 20MHz | 1@0 | |
| | | H | QPSK | 20MHz | 1@0 | |

| | | | | | |
|--------|----------------|---|------|-------|-----|
| Mode7 | LTE Band 4 | L | QPSK | 20MHz | 1@0 |
| | | M | QPSK | 20MHz | 1@0 |
| | | H | QPSK | 20MHz | 1@0 |
| Mode8 | LTE Band 5 | L | QPSK | 10MHz | 1@0 |
| | | M | QPSK | 10MHz | 1@0 |
| | | H | QPSK | 10MHz | 1@0 |
| Mode9 | LTE Band 7 | L | QPSK | 20MHz | 1@0 |
| | | M | QPSK | 20MHz | 1@0 |
| | | H | QPSK | 20MHz | 1@0 |
| Mode10 | LTE Band 12 | L | QPSK | 10MHz | 1@0 |
| | | M | QPSK | 10MHz | 1@0 |
| | | H | QPSK | 10MHz | 1@0 |
| Mode11 | LTE Band 13 | M | QPSK | 10MHz | 1@0 |
| Mode12 | LTE Band 17 | L | QPSK | 10MHz | 1@0 |
| | | M | QPSK | 10MHz | 1@0 |
| | | H | QPSK | 10MHz | 1@0 |
| Mode13 | LTE Band 66 | L | QPSK | 10MHz | 1@0 |
| | | M | QPSK | 10MHz | 1@0 |
| | | H | QPSK | 10MHz | 1@0 |

2.9. Test laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area,
Tianjin, China., 300385

Tel: +86-22-58038033, <http://www.ddttest.com>, Email: ddt@dgddt.com

NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

3. Description of Tests

3.1. Radiated Power (ERP/EIRP)

Test Procedure: FCC KDB 971168 D01 V03r01.

Note: Refer test setup 1.

Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) measurements are calculated by adding highest antenna gain to maximum measured conducted output power.

All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

a) The transmitter antenna port was connected to a Base Station Simulator through the calibrated coaxial cable.

b) Setup the Base Station Simulator to force the transmitter to the maximum power setting.

3) The tests were performed at three channels (low channel, middle channel and high channel) and on the highest power levels, which can be setup on the transmitters.

Calculate power in dBm by the following formula:

ERP (dBm) = Conducted Power (dBm) + antenna gain (dBd)

EIRP (dBm) = Conducted Power (dBm) + antenna gain (dBi)

EIRP=ERP+2.15dB

3.2. Field Strength of Spurious Radiation

Test Procedure: FCC KDB 971168 D01 V03r01.

Note: Refer test setup 2.

a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.

b) Each emission under consideration shall be evaluated:

1) Raise and lower the measurement antenna, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.

2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.

3) Return the turntable to the azimuth where the highest emission amplitude level was observed.

4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.

c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum

emissions amplitude.

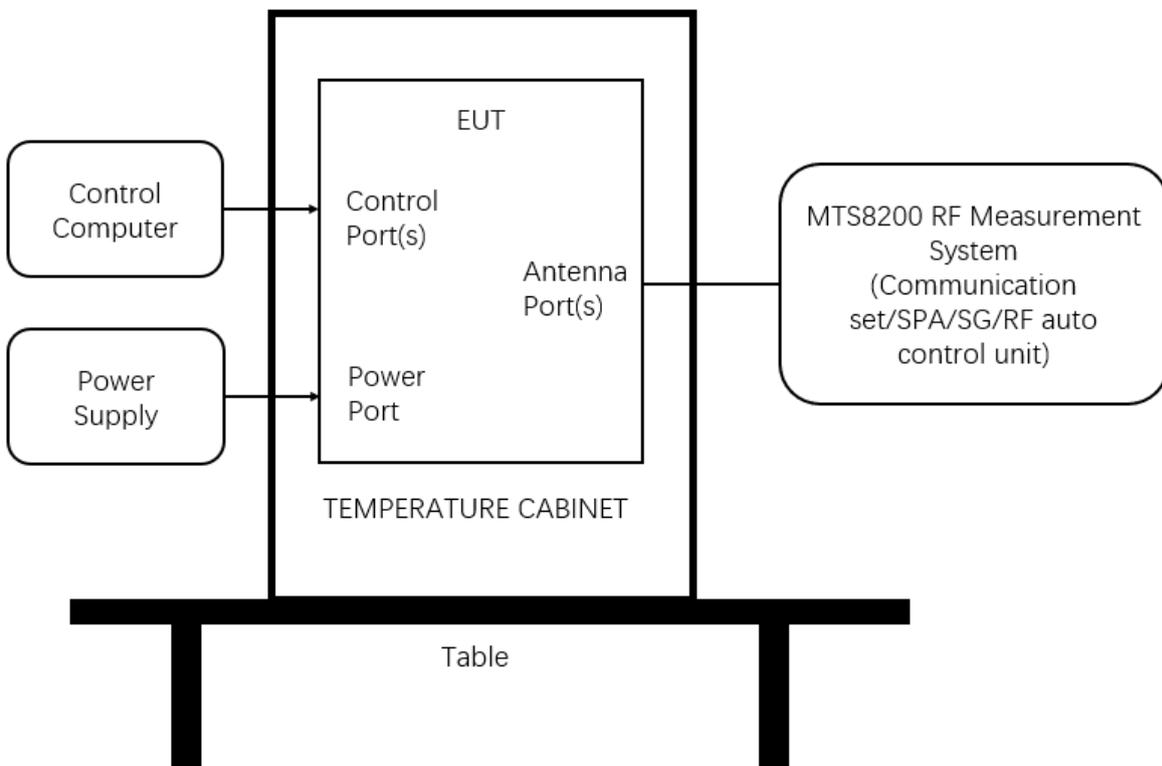
d) EIRP (dBm) = E (dB μ V/m) + 20 log D – 104.8; where D is the measurement distance in meters.

e) Test the EUT in the lowest channel, the middle channel the Highest channel

f) The radiation measurements are performed in X, Y, Z axis positioning. Only the test worst case mode is recorded in the report.

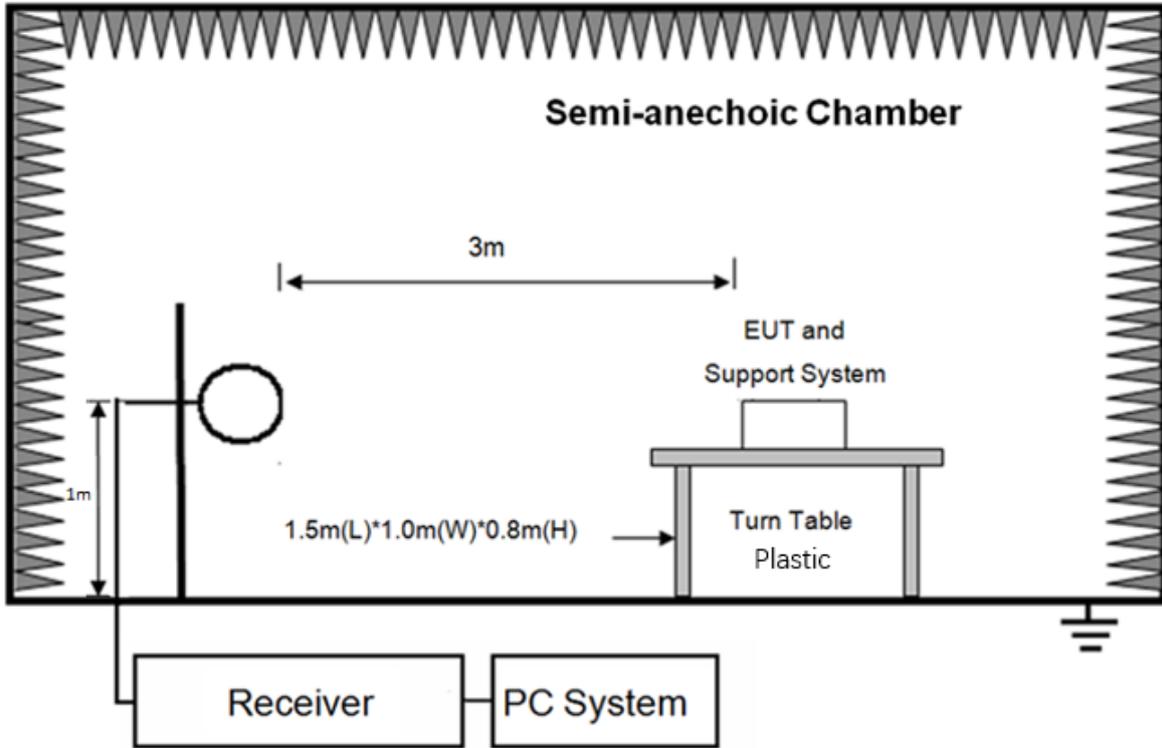
3.3. Test Setups

3.3.1. Test Setup 1

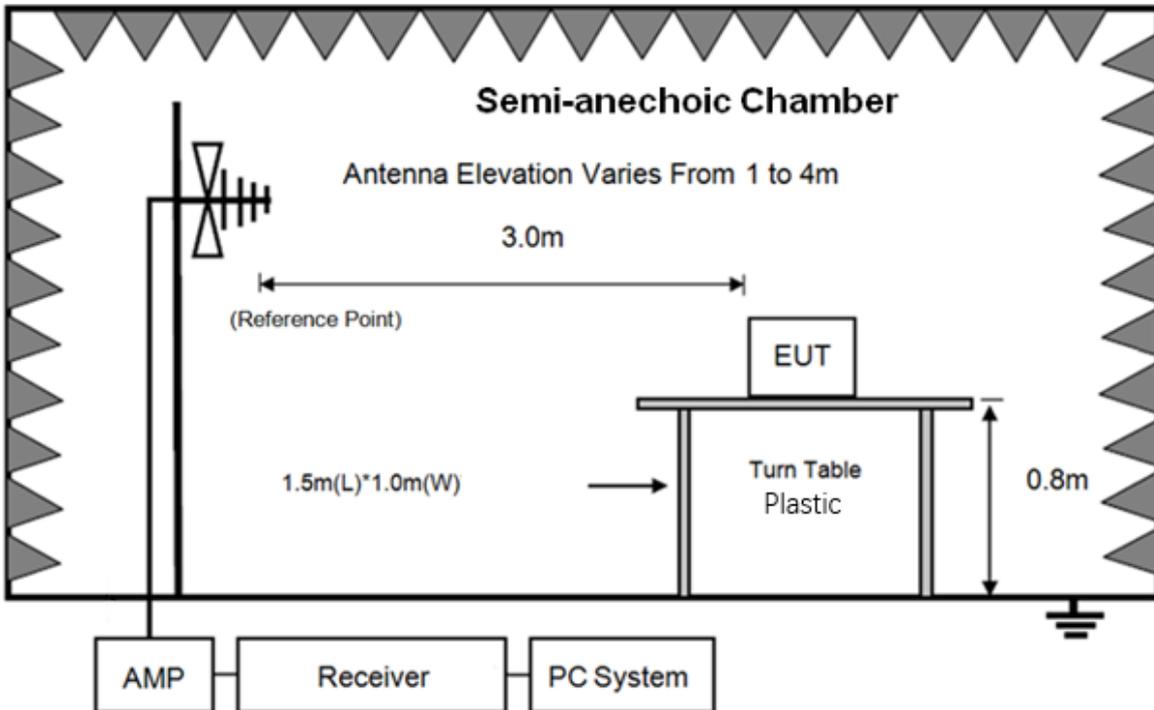


3.3.2. Test Setup 2

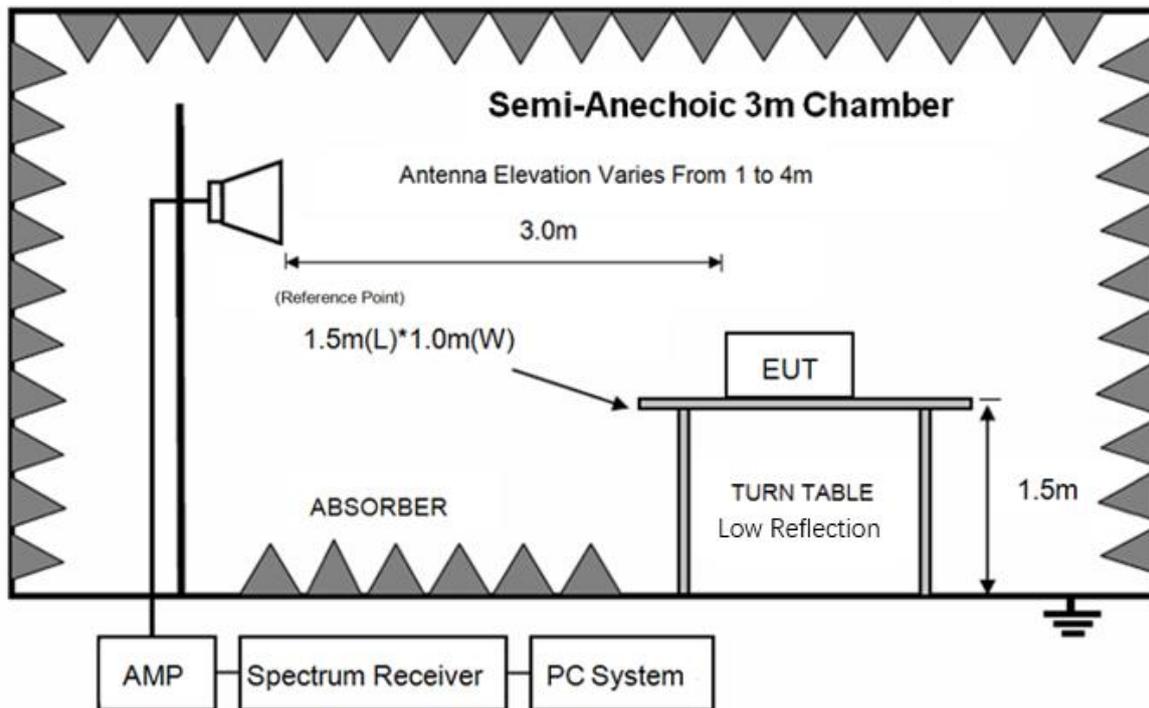
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz – 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



4. Measurement uncertainty

| No. | Test Item | Uncertainty |
|-----|--|--|
| 1 | Transmitter maximum output power | $\pm 0,7\text{dB}$ |
| 2 | Radiated spurious emissions / Radiated emissions | $\pm 2.72\text{ dB}$ (30MHz-1GHz) $\pm 2.74\text{ dB}$ (1 - 6 GHz) $\pm 2.72\text{ dB}$ (6 GHz - 18 GHz) $\pm 3.54\text{ dB}$ (18 GHz - 26 GHz) $\pm 4.30\text{ dB}$ (26 GHz - 40 GHz) |

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

5. Equipment Used During Test

| Test System | | | | | |
|-------------------------------------|-------------------|------------|------------|------------|---------------|
| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
| PSA Series Spectrum Analyzer | Agilent(Keysight) | E4440A | MY48251036 | 2021/03/04 | 1 Year |
| EXA Signal Analyzer | Keysight | N9010A | MY53281492 | 2021/03/31 | 1 Year |
| RF SELECTOR | TOYO | NS4900 | N/A | N/A | N/A |
| Band SELECTOR | TOYO | NS5800 | N/A | N/A | N/A |
| BiLog Antenna | TESEQ | CBL 6143A | 26683 | 2021/03/18 | 1 Year |
| Broadband Amplifier | SONOMA | 317 | 292953 | 2021/03/03 | 1 Year |
| Low noise amplifier | MITEQ | TPA0118-36 | 0914 | 2021/02/03 | 1 Year |
| Double-Ridged Guide Horn Antenna | ETS-LINDGREN | 3115 | 00102808 | 2021/03/16 | 1 Year |
| Test software | TOYO | EP5/RSE | Ver 1.9.1 | N/A | N/A |
| Test software | Audix | E3 | V 6.11111b | N/A | N/A |
| Active Loop Antenna | R&S | HFH2-Z2 | 100269 | 2021/05/08 | 1 Year |
| Broad Band Horn Antenna | Schwarzbeck | BBHA 9170 | 790 | 2021/05/28 | 1 Year |
| Broadband Horn Antenna | TESEQ | BHA 9118 | 31754 | 2021/10/12 | 1 Year |
| Low noise amplifier | MITEQ | TPA0118-36 | 0914 | 2021/02/03 | 1 Year |
| EMI Test Receiver | R&S | ESCI | 101024 | 2021/03/03 | 1 Year |
| EMI Test Receiver | R&S | ESCI | 101030 | 2021/05/15 | 1 Year |
| Bilog Antenna | TESEQ | CBL6112D | 29068 | 2020/10/12 | 2 Year |
| Bilog Antenna | TESEQ | CBL6112D | 29069 | 2020/10/12 | 2 Year |
| Amplifier | Sonoma | 310N | 300913 | 2021/03/03 | 1 Year |
| Amplifier | Sonoma | 310N | 300914 | 2021/03/03 | 1 Year |
| Ant Mast | Innco | MA4000 | N/A | N/A | N/A |
| Ant Mast | Innco | MA4000 | N/A | N/A | N/A |
| Mast Controller | Innco | CO2000 | N/A | N/A | N/A |
| Mast Controller | Innco | CO2000 | N/A | N/A | N/A |
| RF Selector 4CH | TOYO | NS4904N | Selector1 | N/A | N/A |
| RF Selector 4CH | TOYO | NS4904N | Selector2 | N/A | N/A |
| PSG Analog Signal Generator | Agilent(Keysight) | E8257D | MY49060493 | 2021/03/08 | 1 Year |
| Wideband Radio Communication Tester | Rohde & Schwarz | CMW500 | 158800 | 2021/05/14 | 1 Year |

| | | | | | |
|---|-------------------|---------------------------------------|-------------|------------|--------|
| 8960 Series 10 Wireless Communications Test Set | Agilent(Keysight) | E5515C | MY48280272 | 2021/05/25 | 1 Year |
| Radio Communication Test Station | Anritsu | MT8000A | 6262302490 | 2021/03/26 | 1 Year |
| Radio Communication Analyzer | Anritsu | MT8821C | 6262257930 | 2021/03/22 | 1 Year |
| Coupler-Antenna | European Antenna | PSA-7501R/170 | 406310-0001 | N/A | N/A |
| tunable notch-filter 820/860Mhz | Wainwright | WRCT 820/860-0.4/40-5SSK | SN8 | N/A | N/A |
| tunable notch-filter 840/920Mhz | Wainwright | WRCT 840/920-0.4/40-5SSK | SN9 | N/A | N/A |
| tunable notch-filter 1700/1800Mhz | Wainwright | WRCD 1700/1800-0.2/40-5SSK | SN41 | N/A | N/A |
| tunable notch-filter 1800/2000Mhz | Wainwright | WRCD 1800/2000-0.2/40-5SSK | SN31 | N/A | N/A |
| band reject filter 1870/1890Mhz | Wainwright | WRCG 1877/1883-1870/1890-40/6EE | SN20 | N/A | N/A |
| band reject filter 1940/1960Mhz | Wainwright | WRCG 1947/1953-1940/1960-40/6SS | SN28 | N/A | N/A |
| band reject filter 2400/2483.5Mhz | Wainwright | WRCTF 2402/2480-2400/2483.5-35/12+9SS | SN42 | N/A | N/A |
| Low pass filter 1.5Ghz | Wainwright | WLK1.5/18G-10SS | SN5 | N/A | N/A |
| High pass filter 1.5G | Wainwright | WHKX1.5/15G-10SS | SN50 | N/A | N/A |
| High pass filter 2.5G | Wainwright | WHKX 2.5/18G-12SS | SN5 | N/A | N/A |
| High pass filter 3G | Kangmaiwei | ZHPF6-M3000-18000-996 | 03210746 | N/A | N/A |
| High pass filter 6.5G | Kangmaiwei | ZHPF6-M6500-18000-547 | 03210747 | N/A | N/A |
| High pass filter 1.0G | Kangmaiwei | ZHPF6-C1000-3000-548 | 11210354 | N/A | N/A |

6. Details Test Result

6.1. Re-Test statement

The EUT is operating at the same power level with the original testing of SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch.

| Item | The Original Reports | Re-Test Reports |
|----------------|---|--|
| File name: | test report RF | RF test report |
| Test location: | SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch | Tianjin Dongdian Testing Service Co., Ltd. |

| BAND | Channel | Test Original Reports Level(dBm) | Re-Test Reports Level(dBm) |
|---------|---------|----------------------------------|----------------------------|
| GSM850 | 128 | 32.96 | 33.07 |
| GSM850 | 190 | 32.75 | 32.74 |
| GSM850 | 251 | 32.77 | 32.89 |
| GSM1900 | 512 | 30.24 | 30.62 |
| GSM1900 | 661 | 30.12 | 30.42 |
| GSM1900 | 810 | 30.22 | 30.29 |

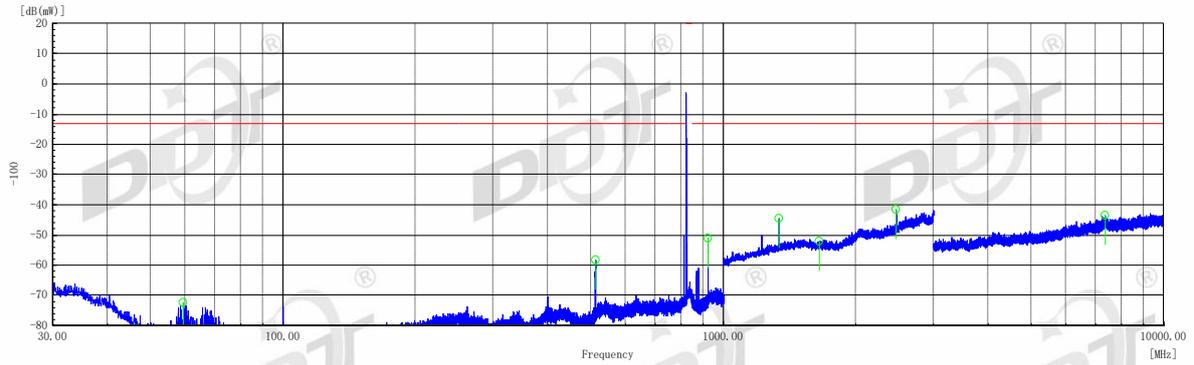
| BAND | Modulation | Channel | Test Original Reports Level(dBm) | Re-Test Reports Level(dBm) |
|---------------|------------|---------|----------------------------------|----------------------------|
| WCDMA Band II | QPSK | 9262 | 23.30 | 23.43 |
| WCDMA Band II | QPSK | 9400 | 23.28 | 23.29 |
| WCDMA Band II | QPSK | 9538 | 23.27 | 23.36 |
| WCDMA Band IV | QPSK | 1312 | 23.31 | 23.31 |
| WCDMA Band IV | QPSK | 1413 | 23.35 | 23.32 |
| WCDMA Band IV | QPSK | 1513 | 23.38 | 23.36 |
| WCDMA Band V | QPSK | 4132 | 23.86 | 23.98 |
| WCDMA Band V | QPSK | 4182 | 23.92 | 23.81 |
| WCDMA Band V | QPSK | 4233 | 23.92 | 23.88 |

| BAND | Bandwidth | Modulation | Channel | RB Configuration | Test Original Reports Level(dBm) | Re-Test Reports Level(dBm) |
|--------|-----------|------------|---------|------------------|----------------------------------|----------------------------|
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | 23.53 | 23.62 |
| Band2 | 20MHz | QPSK | 18900 | 1RB#0 | 23.44 | 23.58 |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | 23.34 | 23.36 |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 23.03 | 23.24 |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 22.97 | 23.07 |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 22.94 | 23.11 |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 23.94 | 23.86 |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 23.91 | 23.87 |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 23.97 | 23.87 |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 22.87 | 22.83 |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 22.86 | 22.90 |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 22.91 | 23.03 |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 23.75 | 23.65 |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 23.74 | 23.71 |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 23.71 | 23.69 |
| Band13 | 10MHz | QPSK | 23230 | 1RB#0 | 23.85 | 23.95 |
| Band17 | 10MHz | QPSK | 23780 | 1RB#0 | 23.71 | 23.86 |
| Band17 | 10MHz | QPSK | 23790 | 1RB#0 | 23.73 | 23.88 |

| | | | | | | |
|--------|-------|------|--------|-------|-------|-------|
| Band17 | 10MHz | QPSK | 23800 | 1RB#0 | 23.74 | 23.62 |
| Band66 | 20MHz | QPSK | 132072 | 1RB#0 | 23.69 | 23.64 |
| Band66 | 20MHz | QPSK | 132322 | 1RB#0 | 23.76 | 23.75 |
| Band66 | 20MHz | QPSK | 132572 | 1RB#0 | 23.61 | 23.58 |

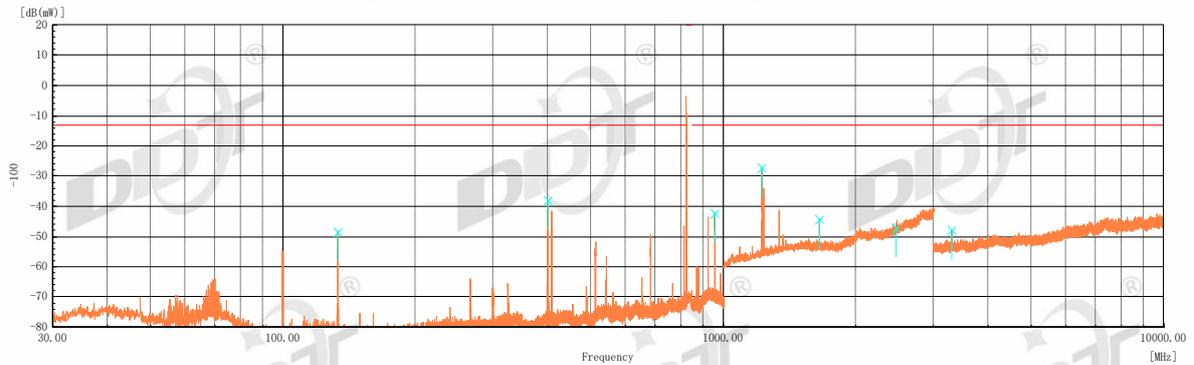
6.2. Radiated Spurious Emissions

Test Mode1: GSM850 L channel (horizontal)



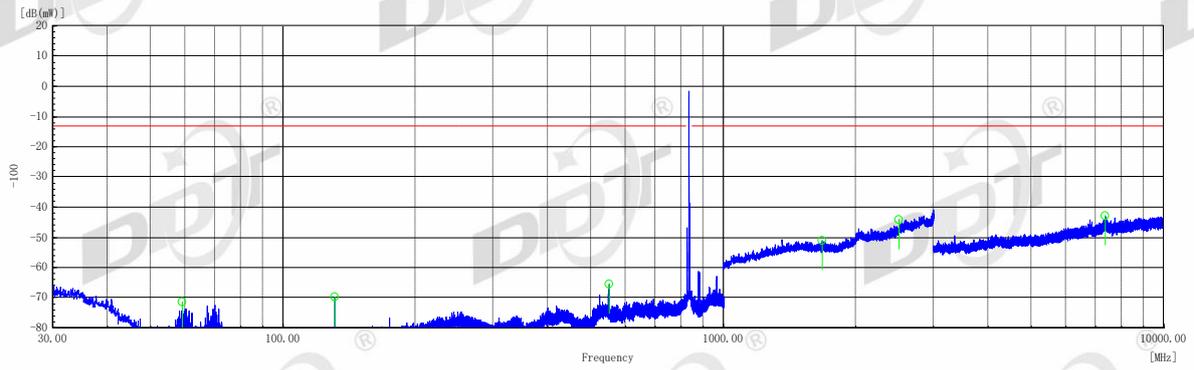
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 59.3 | H | 22.8 | -72.5 | -13 | 59.5 | 163 | 91.4 |
| 512.1 | H | 37.0 | -58.3 | -13 | 45.3 | 140 | 225.4 |
| 923.75 | H | 44.3 | -51 | -13 | 38 | 127 | 225.4 |
| 1336.5 | H | 50.9 | -44.4 | -13 | 31.4 | 119 | 270.7 |
| 1648.5 | H | 43.0 | -52.3 | -13 | 39.3 | 102 | 270.7 |
| 2472.5 | H | 53.6 | -41.7 | -13 | 28.7 | 134 | 180.4 |
| 7369.001 | H | 51.7 | -43.6 | -13 | 30.6 | 163 | 135.9 |

Test Mode1: GSM850 L channel (vertical)



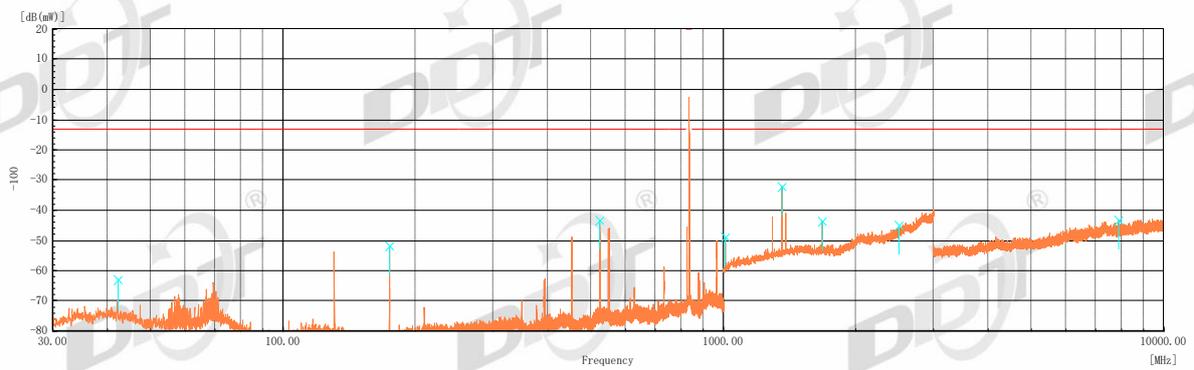
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 133.3 | V | 46.9 | -48.4 | -13 | 35.4 | 163 | 89.9 |
| 398.55 | V | 57.2 | -38.1 | -13 | 25.1 | 175 | 89.9 |
| 957 | V | 53.0 | -42.3 | -13 | 29.3 | 118 | 134.6 |
| 1223.5 | V | 68.2 | -27.1 | -13 | 14.1 | 102 | 44.2 |
| 1648 | V | 51.1 | -44.2 | -13 | 31.2 | 160 | 269.6 |
| 2473 | V | 48.1 | -47.2 | -13 | 34.2 | 167 | 134.6 |
| 3296.5 | V | 47.6 | -47.7 | -13 | 34.7 | 179 | 0.1 |

Test Mode1: GSM850 M channel (horizontal)



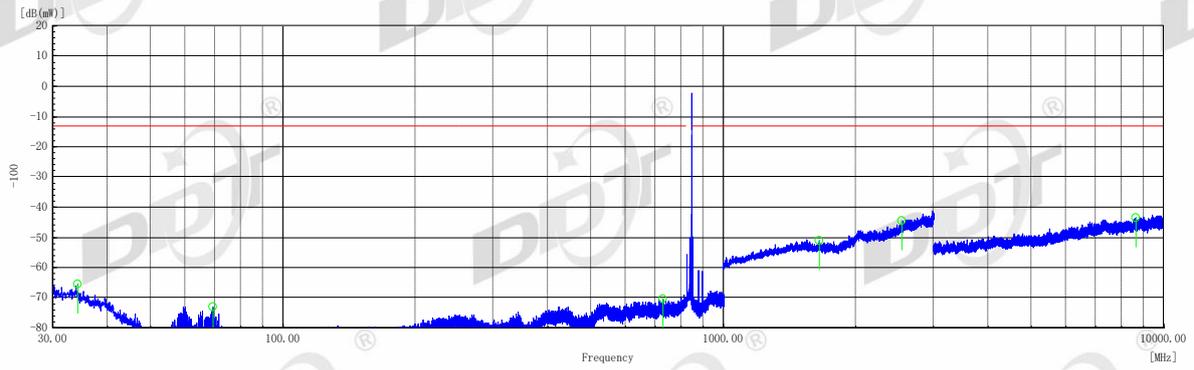
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59 | H | 23.8 | -71.5 | -13 | 58.5 | 109 | 91.4 |
| 130.95 | H | 25.3 | -70 | -13 | 57 | 165 | 270.8 |
| 549.25 | H | 29.9 | -65.4 | -13 | 52.4 | 169 | 225.5 |
| 1674 | H | 44.0 | -51.3 | -13 | 38.3 | 105 | 45 |
| 2510 | H | 50.9 | -44.4 | -13 | 31.4 | 170 | 91.4 |
| 7378.001 | H | 52.2 | -43.1 | -13 | 30.1 | 141 | 91.4 |

Test Mode1: GSM850 M channel (vertical)



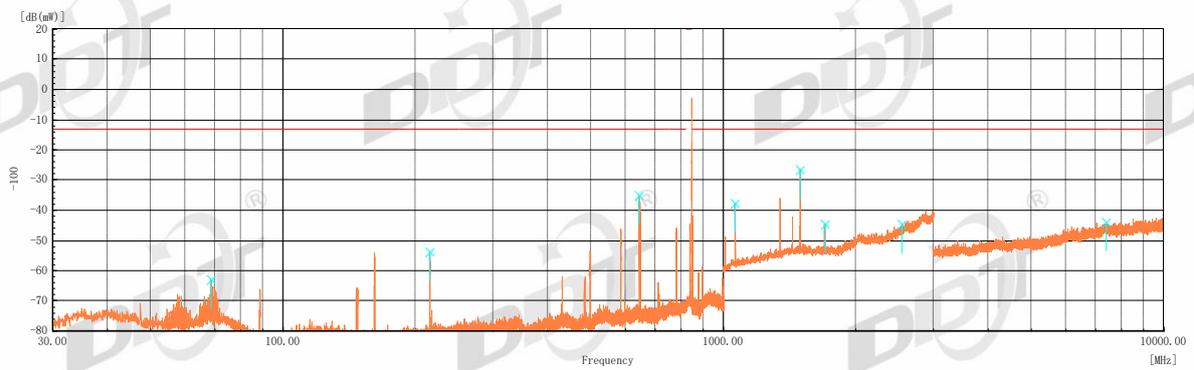
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 42.2 | V | 32.3 | -63 | -13 | 50 | 123 | 179.2 |
| 174.2 | V | 43.4 | -51.9 | -13 | 38.9 | 139 | 45 |
| 523.9 | V | 52.2 | -43.1 | -13 | 30.1 | 154 | 225.1 |
| 1011.5 | V | 46.5 | -48.8 | -13 | 35.8 | 122 | 179.2 |
| 1360.5 | V | 63.3 | -32 | -13 | 19 | 166 | 270.1 |
| 1673 | V | 51.7 | -43.6 | -13 | 30.6 | 137 | 315.3 |
| 2509.5 | V | 50.5 | -44.8 | -13 | 31.8 | 163 | 270.1 |
| 7887.001 | V | 51.9 | -43.4 | -13 | 30.4 | 155 | 315.3 |

Test Mode1: GSM850 H channel (horizontal)



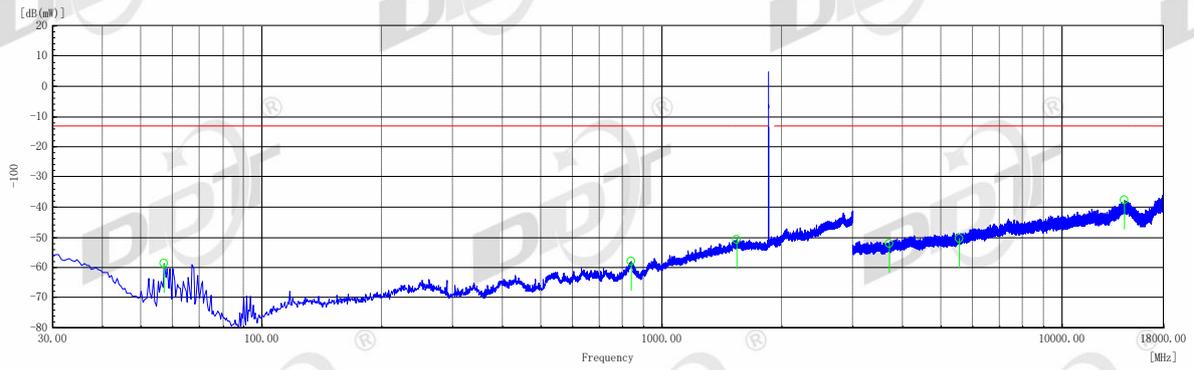
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 34.2 | H | 29.7 | -65.6 | -13 | 52.6 | 173 | 315.5 |
| 69.3 | H | 22.1 | -73.2 | -13 | 60.2 | 156 | 271 |
| 728.5 | H | 24.7 | -70.6 | -13 | 57.6 | 141 | 315.5 |
| 1651.5 | H | 44.0 | -51.3 | -13 | 38.3 | 165 | 225.2 |
| 2546.5 | H | 50.6 | -44.7 | -13 | 31.7 | 158 | 315.5 |
| 8626.5 | H | 51.6 | -43.7 | -13 | 30.7 | 168 | 315.5 |

Test Mode1: GSM850 H channel (vertical)



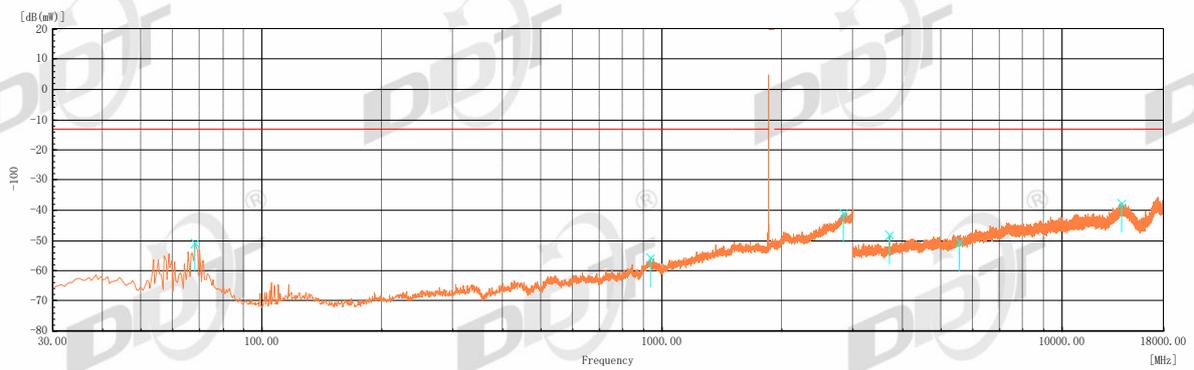
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 68.65 | V | 32.3 | -63 | -13 | 50 | 128 | 0.1 |
| 215.3 | V | 41.5 | -53.8 | -13 | 40.8 | 105 | 269.4 |
| 644.5 | V | 60.2 | -35.1 | -13 | 22.1 | 113 | 224.8 |
| 1064 | V | 57.5 | -37.8 | -13 | 24.8 | 148 | 179.4 |
| 1493.5 | V | 68.7 | -26.6 | -13 | 13.6 | 112 | 179.4 |
| 1698 | V | 50.8 | -44.5 | -13 | 31.5 | 115 | 315.5 |
| 2546.5 | V | 50.7 | -44.6 | -13 | 31.6 | 126 | 44.8 |
| 7385.501 | V | 51.5 | -43.8 | -13 | 30.8 | 176 | 0.1 |

Test Mode2: GSM1900 L channel (horizontal)



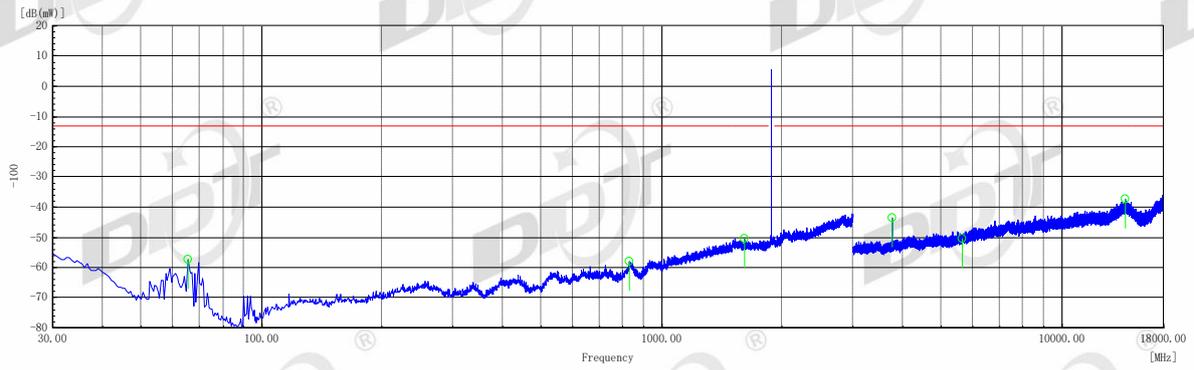
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 57 | H | 36.5 | -58.8 | -13 | 45.8 | 147 | 91.4 |
| 838 | H | 37.1 | -58.2 | -13 | 45.2 | 170 | 45.9 |
| 1543 | H | 44.6 | -50.7 | -13 | 37.7 | 131 | 315.4 |
| 3699.5 | H | 43.3 | -52 | -13 | 39 | 120 | 315.4 |
| 5550.5 | H | 44.7 | -50.6 | -13 | 37.6 | 129 | 225.5 |
| 14319.5 | H | 57.7 | -37.6 | -13 | 24.6 | 172 | 180.9 |

Test Mode2: GSM1900 L channel (vertical)



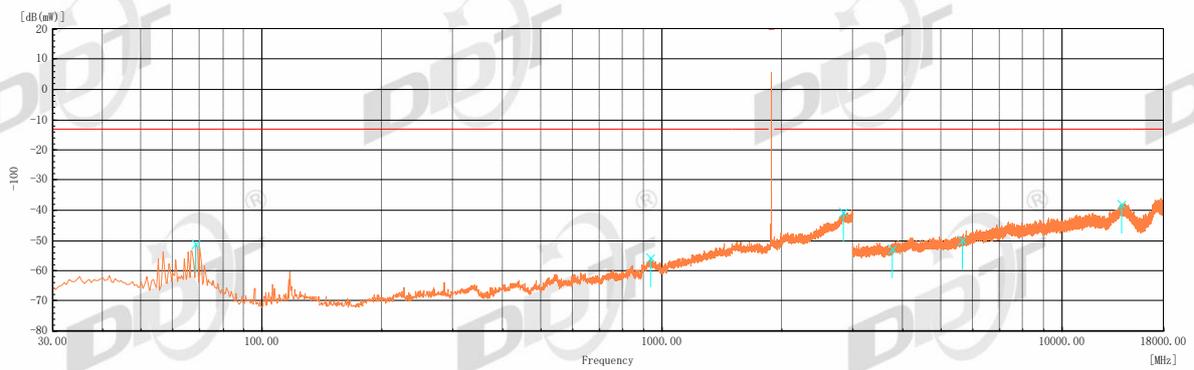
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 68 | V | 44.4 | -50.9 | -13 | 37.9 | 158 | 0.2 |
| 936 | V | 39.4 | -55.9 | -13 | 42.9 | 142 | 44.3 |
| 2840.5 | V | 54.5 | -40.8 | -13 | 27.8 | 129 | 269.3 |
| 3700.5 | V | 47.1 | -48.2 | -13 | 35.2 | 142 | 90 |
| 5551 | V | 44.7 | -50.6 | -13 | 37.6 | 103 | 44.3 |
| 14098.5 | V | 57.5 | -37.8 | -13 | 24.8 | 120 | 0.2 |

Test Mode2: GSM1900 M channel (horizontal)



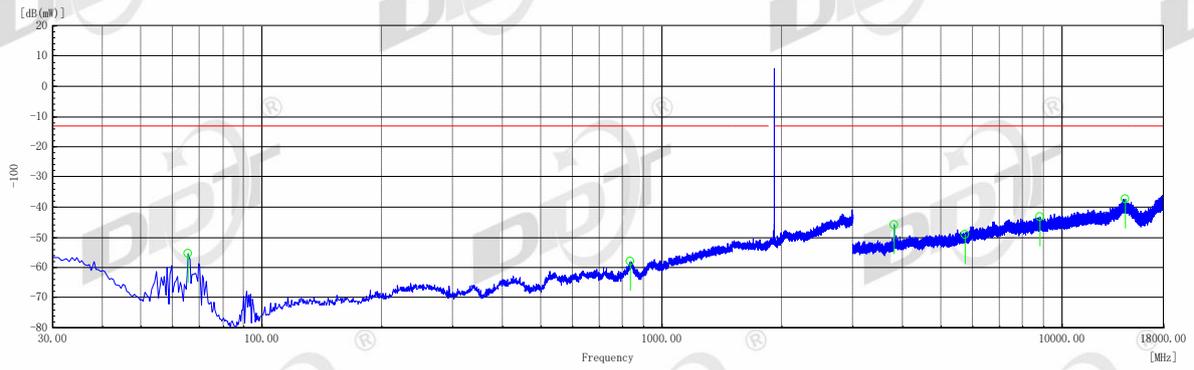
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 65.5 | H | 38.0 | -57.3 | -13 | 44.3 | 179 | 45.4 |
| 830.5 | H | 37.2 | -58.1 | -13 | 45.1 | 155 | 225.4 |
| 1611 | H | 44.9 | -50.4 | -13 | 37.4 | 131 | 91.8 |
| 3760.5 | H | 51.7 | -43.6 | -13 | 30.6 | 158 | 315.7 |
| 5640 | H | 44.7 | -50.6 | -13 | 37.6 | 118 | 270 |
| 14398.5 | H | 57.9 | -37.4 | -13 | 24.4 | 168 | 225.4 |

Test Mode2: GSM1900 M channel (vertical)



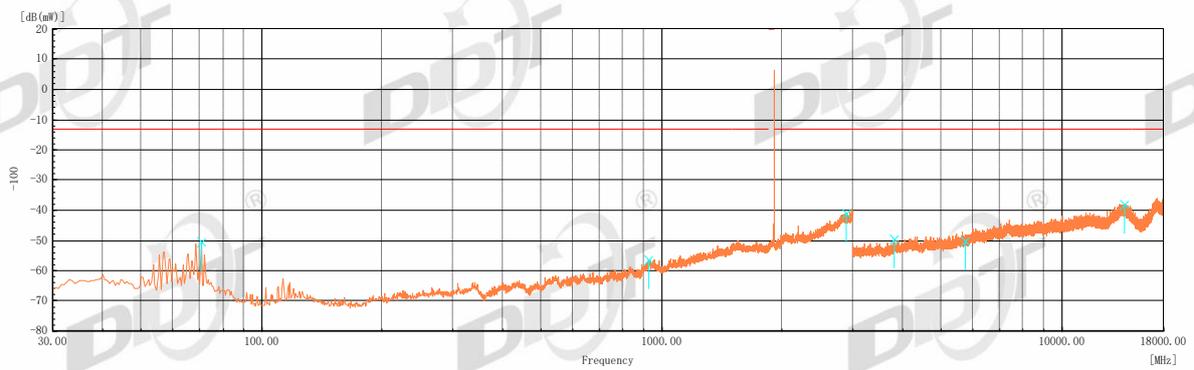
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 68.5 | V | 44.1 | -51.2 | -13 | 38.2 | 115 | 0.2 |
| 935.5 | V | 39.7 | -55.6 | -13 | 42.6 | 167 | 135.1 |
| 2842 | V | 54.5 | -40.8 | -13 | 27.8 | 123 | 269.6 |
| 3760 | V | 42.5 | -52.8 | -13 | 39.8 | 143 | 269.6 |
| 5640 | V | 45.4 | -49.9 | -13 | 36.9 | 120 | 135.1 |
| 14150.5 | V | 57.4 | -37.9 | -13 | 24.9 | 165 | 44.3 |

Test Mode2: GSM1900 H channel (horizontal)



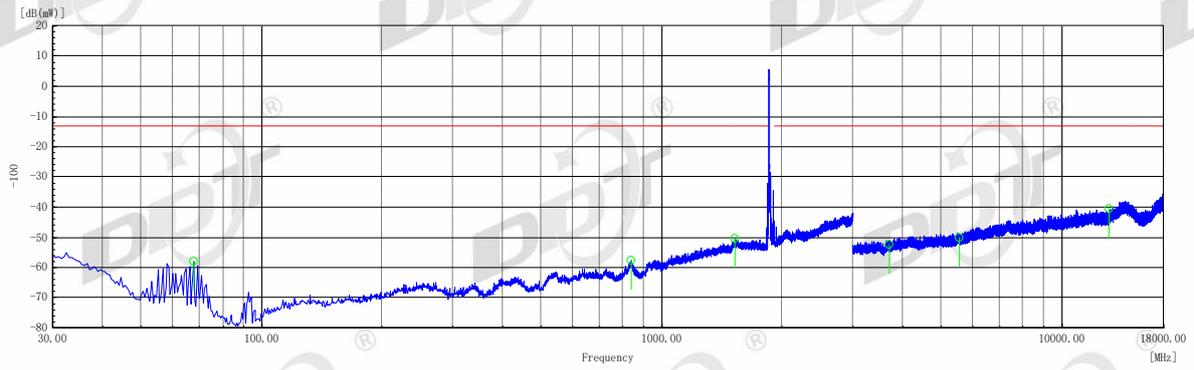
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 65.5 | H | 39.9 | -55.4 | -13 | 42.4 | 169 | 45.4 |
| 832.5 | H | 37.3 | -58 | -13 | 45 | 112 | 180.5 |
| 3820 | H | 49.4 | -45.9 | -13 | 32.9 | 129 | 315.3 |
| 5730 | H | 46.2 | -49.1 | -13 | 36.1 | 126 | 270.8 |
| 8850 | H | 52.1 | -43.2 | -13 | 30.2 | 113 | 91.8 |
| 14417 | H | 57.8 | -37.5 | -13 | 24.5 | 138 | 91.8 |

Test Mode2: GSM1900 H channel (vertical)



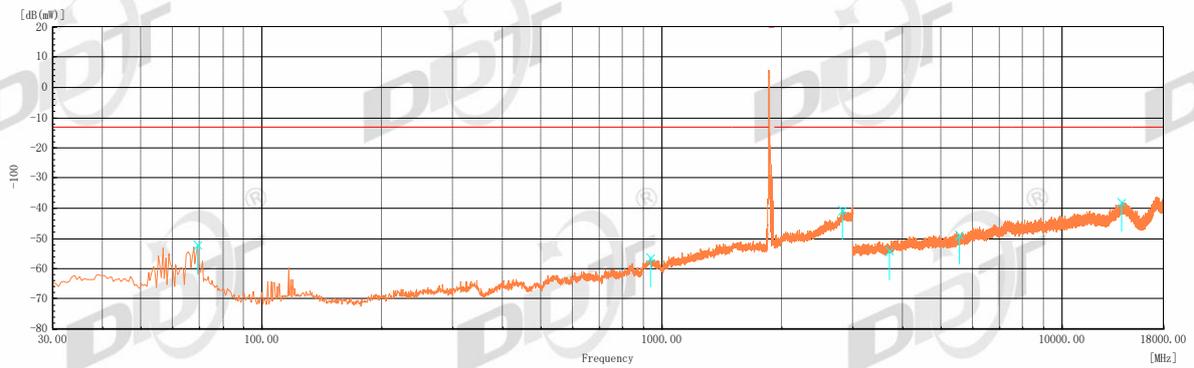
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 70.5 | V | 45.0 | -50.3 | -13 | 37.3 | 165 | 359.8 |
| 927.5 | V | 38.9 | -56.4 | -13 | 43.4 | 118 | 315.3 |
| 2887.5 | V | 54.2 | -41.1 | -13 | 28.1 | 135 | 89.7 |
| 3819.5 | V | 45.8 | -49.5 | -13 | 36.5 | 115 | 315.3 |
| 5729 | V | 45.2 | -50.1 | -13 | 37.1 | 165 | 224.2 |
| 14353 | V | 57.4 | -37.9 | -13 | 24.9 | 140 | 44.4 |

Test Mode3: WCDMA Band II L channel (horizontal)



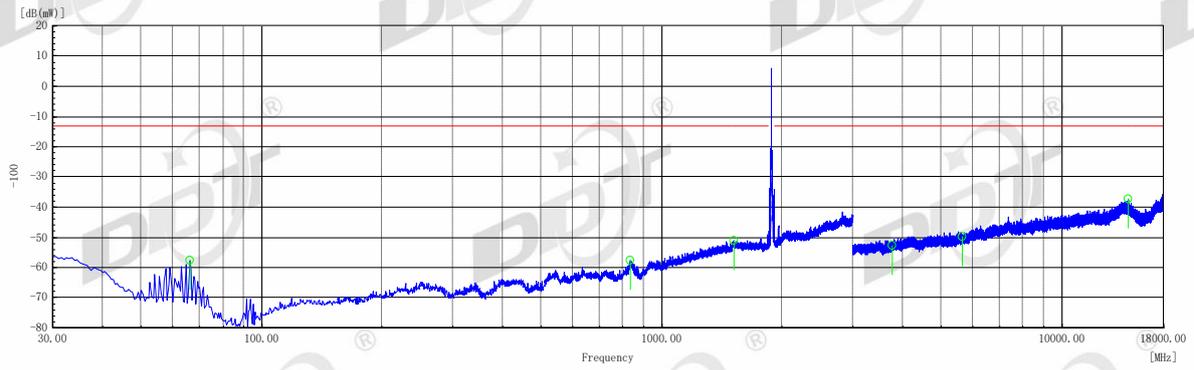
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 67.5 | H | 37.3 | -58 | -13 | 45 | 144 | 45.4 |
| 837.5 | H | 37.4 | -57.9 | -13 | 44.9 | 107 | 315.3 |
| 1527.5 | H | 44.7 | -50.6 | -13 | 37.6 | 114 | 135.1 |
| 3704.5 | H | 42.8 | -52.5 | -13 | 39.5 | 164 | 91.8 |
| 5557.5 | H | 45.2 | -50.1 | -13 | 37.1 | 101 | 180.9 |
| 13163 | H | 54.6 | -40.7 | -13 | 27.7 | 135 | 225.8 |

Test Mode3: WCDMA Band II L channel (vertical)



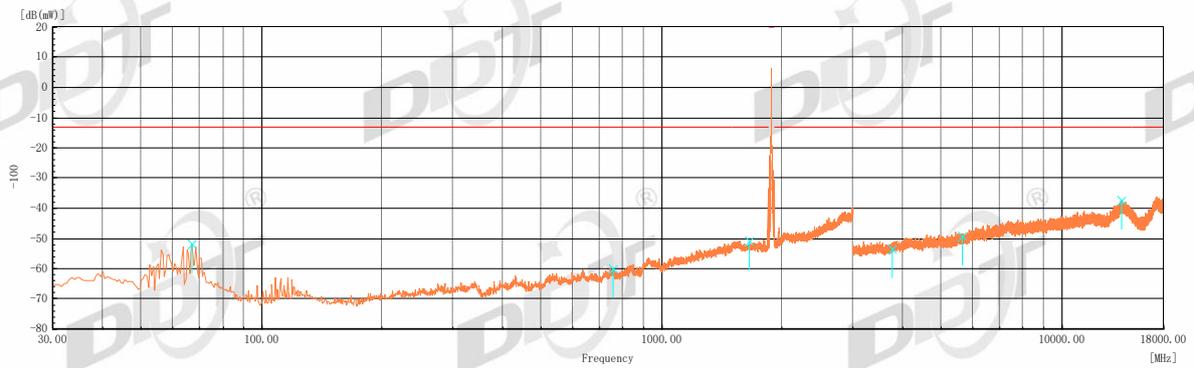
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 69 | V | 43.1 | -52.2 | -13 | 39.2 | 177 | 0.1 |
| 936.5 | V | 38.9 | -56.4 | -13 | 43.4 | 143 | 315.3 |
| 2827 | V | 54.6 | -40.7 | -13 | 27.7 | 165 | 45.1 |
| 3705 | V | 41.1 | -54.2 | -13 | 41.2 | 135 | 134.7 |
| 5557 | V | 46.3 | -49 | -13 | 36 | 164 | 315.3 |
| 14092.5 | V | 57.4 | -37.9 | -13 | 24.9 | 140 | 225 |

Test Mode3: WCDMA Band II M channel (horizontal)



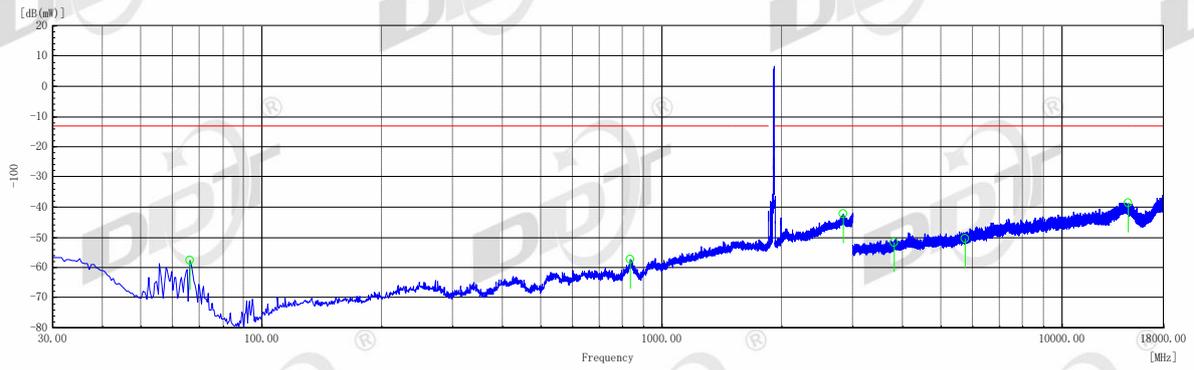
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 66 | H | 37.7 | -57.6 | -13 | 44.6 | 118 | 0.1 |
| 836 | H | 37.6 | -57.7 | -13 | 44.7 | 147 | 45.8 |
| 1515 | H | 44.2 | -51.1 | -13 | 38.1 | 107 | 315.8 |
| 3760 | H | 42.4 | -52.9 | -13 | 39.9 | 139 | 270.4 |
| 5640 | H | 45.5 | -49.8 | -13 | 36.8 | 156 | 270.4 |
| 14656 | H | 57.8 | -37.5 | -13 | 24.5 | 121 | 45.8 |

Test Mode3: WCDMA Band II M channel (vertical)



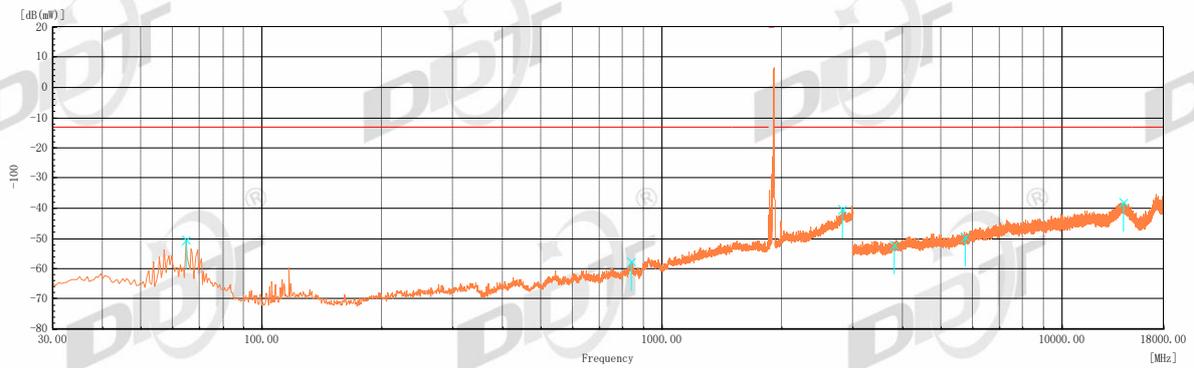
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 67 | V | 43.4 | -51.9 | -13 | 38.9 | 131 | 0.1 |
| 753.5 | V | 35.2 | -60.1 | -13 | 47.1 | 172 | 0.1 |
| 1659 | V | 44.5 | -50.8 | -13 | 37.8 | 133 | 0.1 |
| 3760 | V | 42.0 | -53.3 | -13 | 40.3 | 118 | 315.8 |
| 5640 | V | 46.2 | -49.1 | -13 | 36.1 | 137 | 44.7 |
| 14112 | V | 58.0 | -37.3 | -13 | 24.3 | 109 | 178.9 |

Test Mode3: WCDMA Band II H channel (horizontal)



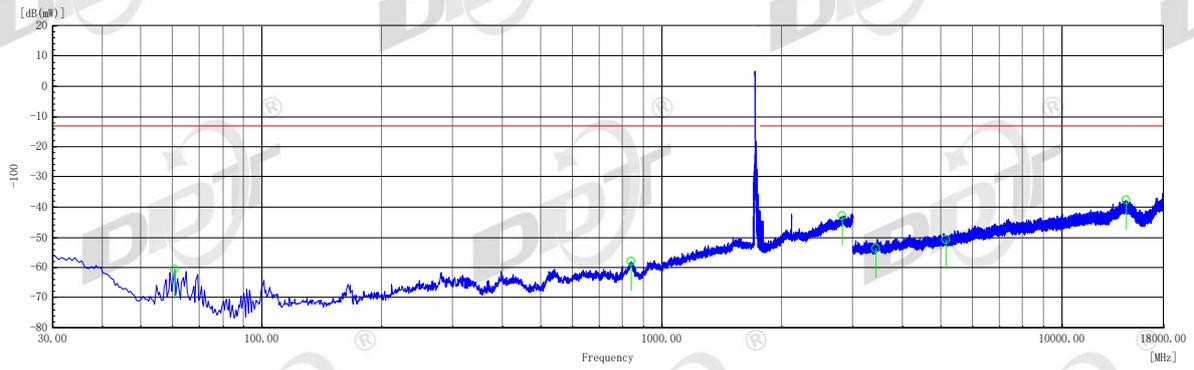
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 66 | H | 37.5 | -57.8 | -13 | 44.8 | 151 | 45 |
| 833.5 | H | 37.9 | -57.4 | -13 | 44.4 | 109 | 0.1 |
| 2839.5 | H | 53.0 | -42.3 | -13 | 29.3 | 152 | 180 |
| 3815 | H | 43.4 | -51.9 | -13 | 38.9 | 152 | 135.1 |
| 5722.5 | H | 44.9 | -50.4 | -13 | 37.4 | 175 | 225.4 |
| 14637.5 | H | 56.8 | -38.5 | -13 | 25.5 | 101 | 0.1 |

Test Mode3: WCDMA Band II H channel (vertical)



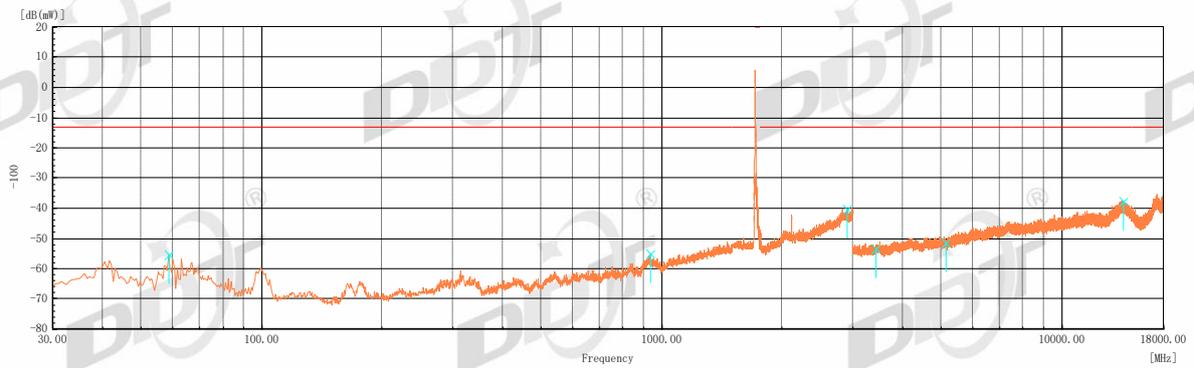
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 64.5 | V | 44.8 | -50.5 | -13 | 37.5 | 130 | 44.7 |
| 838 | V | 37.6 | -57.7 | -13 | 44.7 | 176 | 0.1 |
| 2826.5 | V | 54.9 | -40.4 | -13 | 27.4 | 135 | 0.1 |
| 3815.5 | V | 43.3 | -52 | -13 | 39 | 131 | 225 |
| 5722.5 | V | 45.7 | -49.6 | -13 | 36.6 | 167 | 180 |
| 14292.5 | V | 57.1 | -38.2 | -13 | 25.2 | 179 | 225 |

Test Mode4: WCDMA Band IV L channel (horizontal)



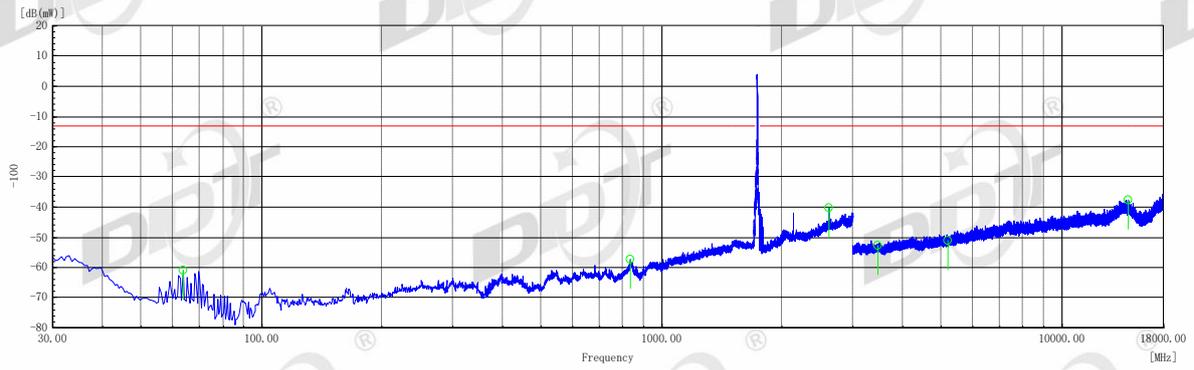
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60.5 | H | 34.8 | -60.5 | -13 | 47.5 | 108 | 45.4 |
| 837 | H | 37.3 | -58 | -13 | 45 | 170 | 135.7 |
| 2822.5 | H | 52.4 | -42.9 | -13 | 29.9 | 130 | 135.7 |
| 3425 | H | 41.5 | -53.8 | -13 | 40.8 | 136 | 45.4 |
| 5137.5 | H | 44.5 | -50.8 | -13 | 37.8 | 103 | 90.3 |
| 14510.5 | H | 57.8 | -37.5 | -13 | 24.5 | 154 | 45.4 |

Test Mode4: WCDMA Band IV L channel (vertical)



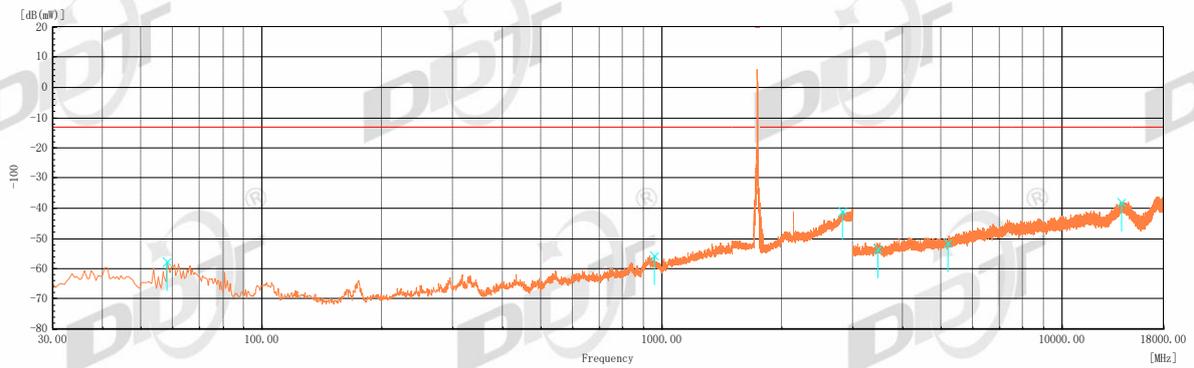
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 58.5 | V | 40.0 | -55.3 | -13 | 42.3 | 180 | 44.4 |
| 934.5 | V | 40.1 | -55.2 | -13 | 42.2 | 176 | 179.5 |
| 2909.5 | V | 55.0 | -40.3 | -13 | 27.3 | 117 | 179.5 |
| 3424.5 | V | 41.8 | -53.5 | -13 | 40.5 | 170 | 44.4 |
| 5137 | V | 44.0 | -51.3 | -13 | 38.3 | 164 | 44.4 |
| 14288.5 | V | 57.7 | -37.6 | -13 | 24.6 | 136 | 315.8 |

Test Mode4: WCDMA Band IV M channel (horizontal)



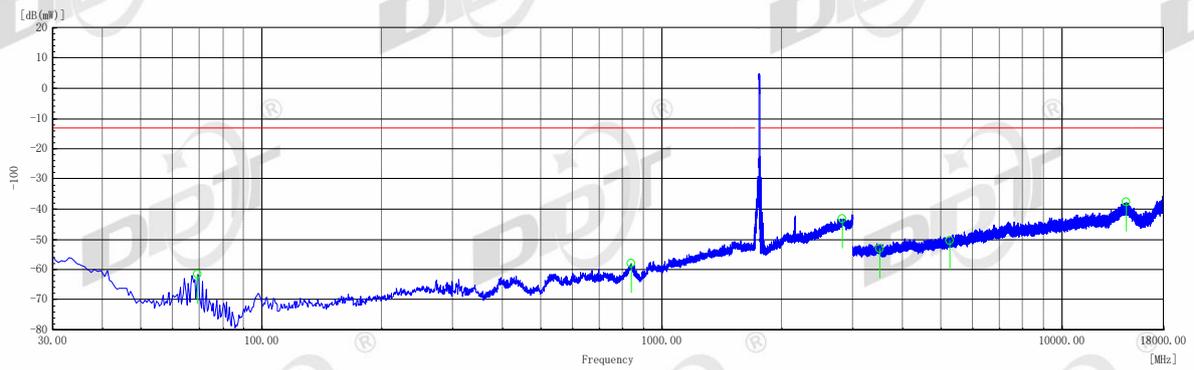
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 63.5 | H | 34.4 | -60.9 | -13 | 47.9 | 160 | 135.3 |
| 834 | H | 37.9 | -57.4 | -13 | 44.4 | 160 | 90.4 |
| 2615.5 | H | 54.9 | -40.4 | -13 | 27.4 | 169 | 225.2 |
| 3465 | H | 42.5 | -52.8 | -13 | 39.8 | 131 | 45.6 |
| 5198 | H | 44.2 | -51.1 | -13 | 38.1 | 127 | 225.2 |
| 14661.5 | H | 57.7 | -37.6 | -13 | 24.6 | 165 | 180.3 |

Test Mode4: WCDMA Band IV M channel (vertical)



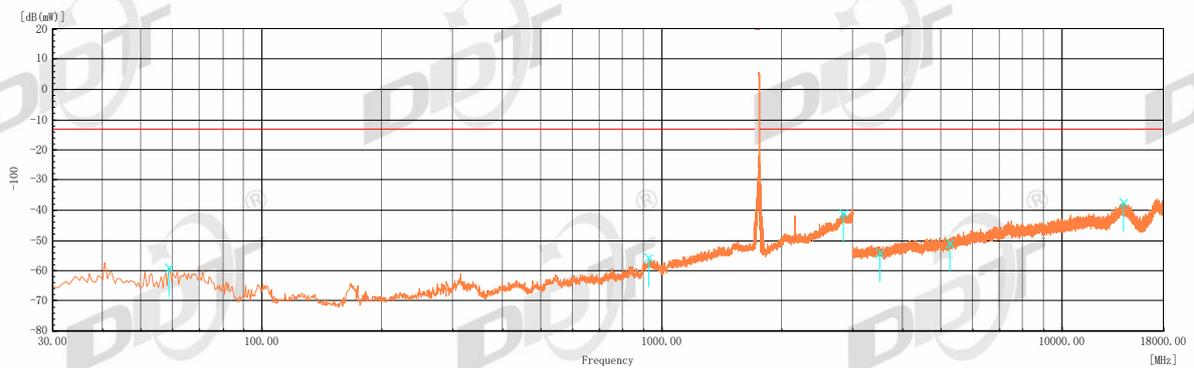
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 58 | V | 37.7 | -57.6 | -13 | 44.6 | 127 | 44.1 |
| 960 | V | 39.5 | -55.8 | -13 | 42.8 | 151 | 44.1 |
| 2832 | V | 54.4 | -40.9 | -13 | 27.9 | 134 | 134.6 |
| 3465 | V | 41.9 | -53.4 | -13 | 40.4 | 109 | 134.6 |
| 5198 | V | 43.8 | -51.5 | -13 | 38.5 | 124 | 315 |
| 14137 | V | 57.4 | -37.9 | -13 | 24.9 | 156 | 269.7 |

Test Mode4: WCDMA Band IV H channel (horizontal)



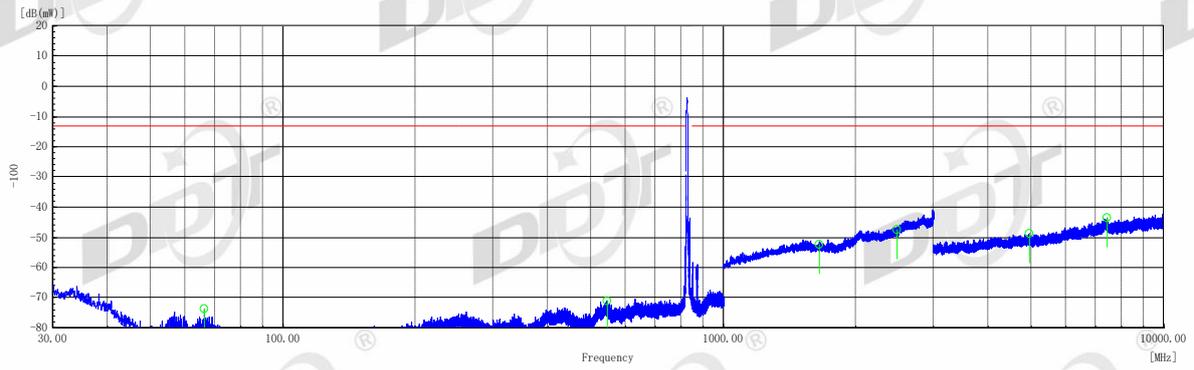
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 69 | H | 33.6 | -61.7 | -13 | 48.7 | 127 | 270.4 |
| 837 | H | 37.2 | -58.1 | -13 | 45.1 | 139 | 270.4 |
| 2824 | H | 52.1 | -43.2 | -13 | 30.2 | 128 | 134.9 |
| 3505 | H | 42.0 | -53.3 | -13 | 40.3 | 130 | 225.1 |
| 5257.5 | H | 44.7 | -50.6 | -13 | 37.6 | 115 | 315.4 |
| 14526 | H | 57.7 | -37.6 | -13 | 24.6 | 116 | 0.1 |

Test Mode4: WCDMA Band IV H channel (vertical)



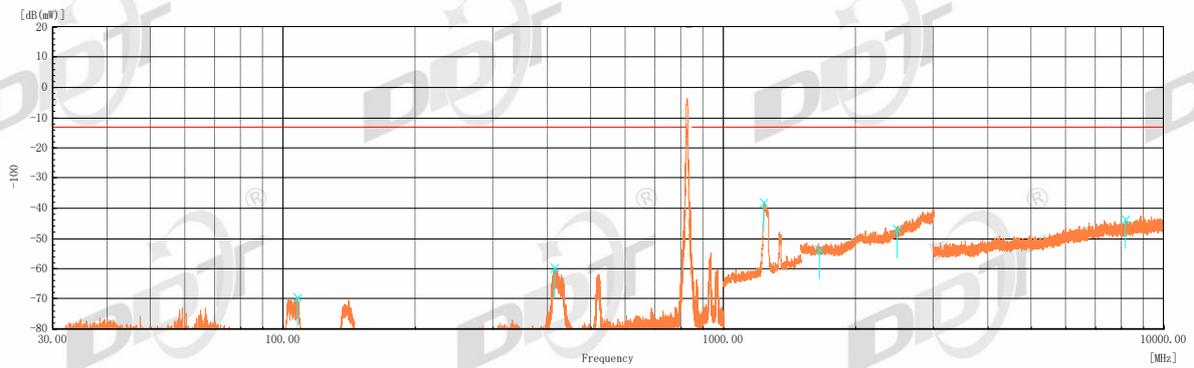
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 58.5 | V | 36.2 | -59.1 | -13 | 46.1 | 174 | 0.1 |
| 929 | V | 39.7 | -55.6 | -13 | 42.6 | 151 | 315.4 |
| 2847.5 | V | 54.3 | -41 | -13 | 28 | 123 | 45.2 |
| 3505 | V | 41.2 | -54.1 | -13 | 41.1 | 160 | 315.4 |
| 5257.5 | V | 44.3 | -51 | -13 | 38 | 162 | 45.2 |
| 14260.5 | V | 57.9 | -37.4 | -13 | 24.4 | 122 | 224.4 |

Test Mode5: WCDMA Band V L channel (horizontal)



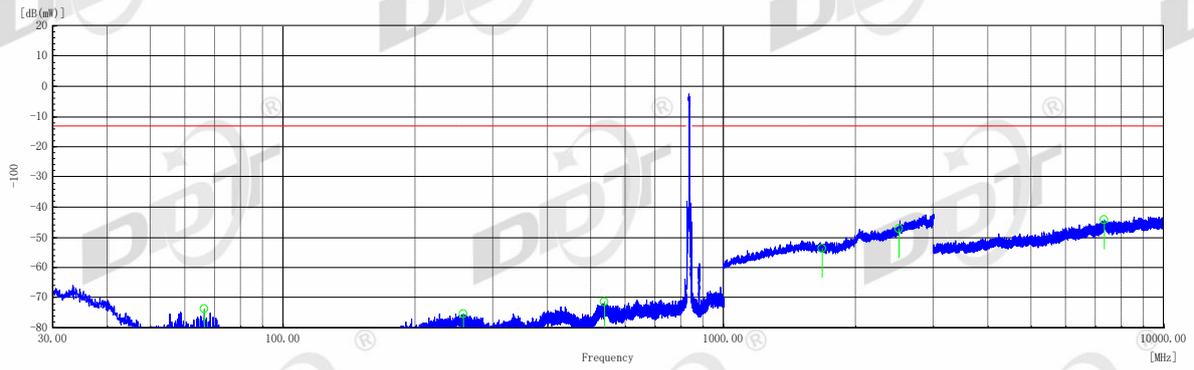
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 66.25 | H | 21.4 | -73.9 | -13 | 60.9 | 124 | 45.6 |
| 545.75 | H | 24.0 | -71.3 | -13 | 58.3 | 141 | 225 |
| 1652.5 | H | 42.7 | -52.6 | -13 | 39.6 | 178 | 225 |
| 2479 | H | 47.8 | -47.5 | -13 | 34.5 | 135 | 136 |
| 7426.001 | H | 51.6 | -43.7 | -13 | 30.7 | 146 | 225 |
| 4966 | H | 46.5 | -48.8 | -13 | 35.8 | 174 | 0 |

Test Mode5: WCDMA Band V L channel (vertical)



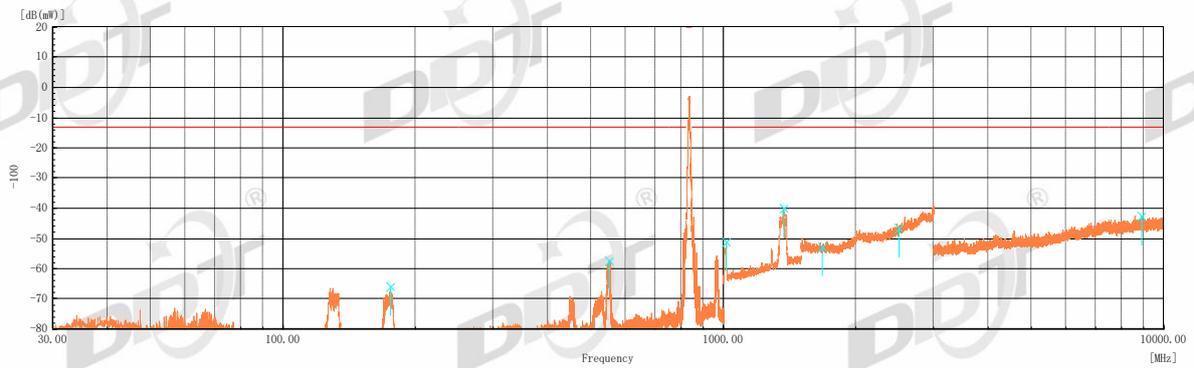
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 107.6 | V | 25.7 | -69.6 | -13 | 56.6 | 168 | 180 |
| 414.55 | V | 35.6 | -59.7 | -13 | 46.7 | 169 | 270 |
| 1237 | V | 57.4 | -37.9 | -13 | 24.9 | 164 | 270 |
| 1653 | V | 41.4 | -53.9 | -13 | 40.9 | 144 | 225 |
| 2479 | V | 48.3 | -47 | -13 | 34 | 162 | 225 |
| 8168.001 | V | 51.6 | -43.7 | -13 | 30.7 | 102 | 270 |

Test Mode5: WCDMA Band V M channel (horizontal)



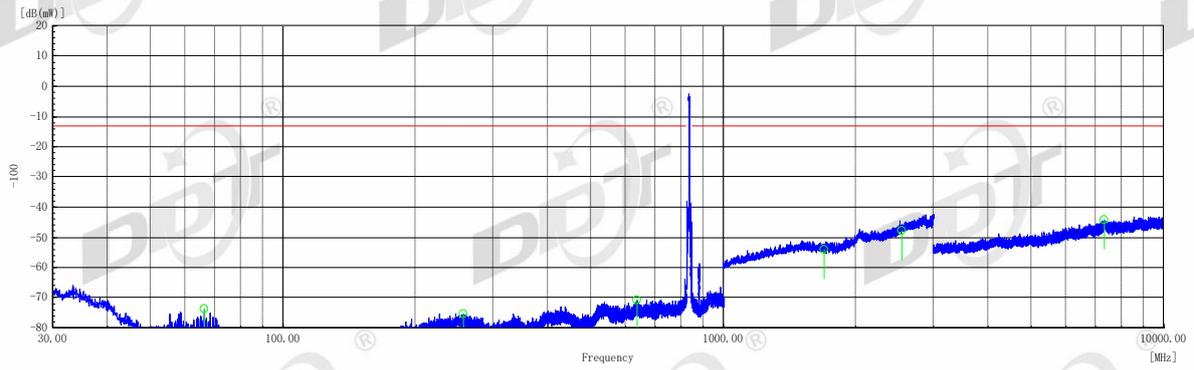
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 66.15 | H | 21.6 | -73.7 | -13 | 60.7 | 136 | 45 |
| 257.15 | H | 20.0 | -75.3 | -13 | 62.3 | 122 | 0.1 |
| 536.8 | H | 23.9 | -71.4 | -13 | 58.4 | 173 | 135 |
| 1672.5 | H | 41.4 | -53.9 | -13 | 40.9 | 136 | 90.9 |
| 2509 | H | 48.0 | -47.3 | -13 | 34.3 | 177 | 0.1 |
| 7327.001 | H | 51.0 | -44.3 | -13 | 31.3 | 124 | 0.1 |

Test Mode5: WCDMA Band V M channel (vertical)



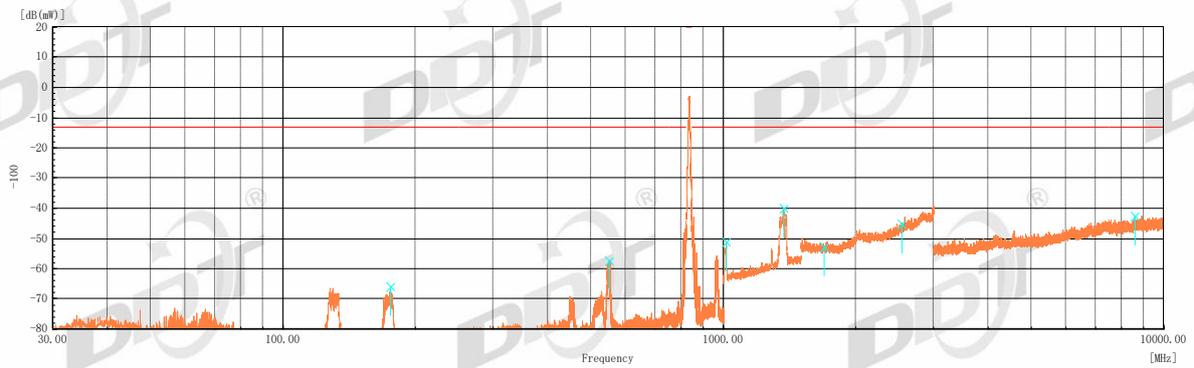
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 175 | V | 29.2 | -66.1 | -13 | 53.1 | 139 | 224.4 |
| 549.7 | V | 38.1 | -57.2 | -13 | 44.2 | 153 | 0 |
| 1015 | V | 44.0 | -51.3 | -13 | 38.3 | 140 | 224.4 |
| 1368.5 | V | 55.2 | -40.1 | -13 | 27.1 | 117 | 0 |
| 1672.5 | V | 42.6 | -52.7 | -13 | 39.7 | 117 | 89 |
| 2509 | V | 48.7 | -46.6 | -13 | 33.6 | 117 | 315.6 |
| 8916 | V | 52.8 | -42.5 | -13 | 29.5 | 160 | 269.4 |

Test Mode5: WCDMA Band V H channel (horizontal)



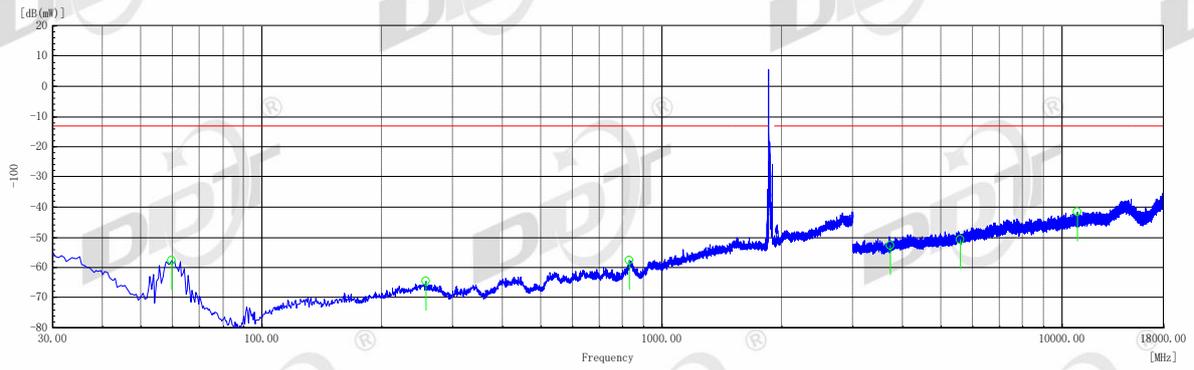
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 66.15 | H | 21.6 | -73.7 | -13 | 60.7 | 136 | 45 |
| 257.15 | H | 20.0 | -75.3 | -13 | 62.3 | 122 | 0.1 |
| 536.8 | H | 23.9 | -71.4 | -13 | 58.4 | 173 | 135 |
| 1672.5 | H | 41.4 | -53.9 | -13 | 40.9 | 136 | 90.9 |
| 2509 | H | 48.0 | -47.3 | -13 | 34.3 | 177 | 0.1 |
| 7327.001 | H | 51.0 | -44.3 | -13 | 31.3 | 124 | 0.1 |

Test Mode5: WCDMA Band V H channel (vertical)



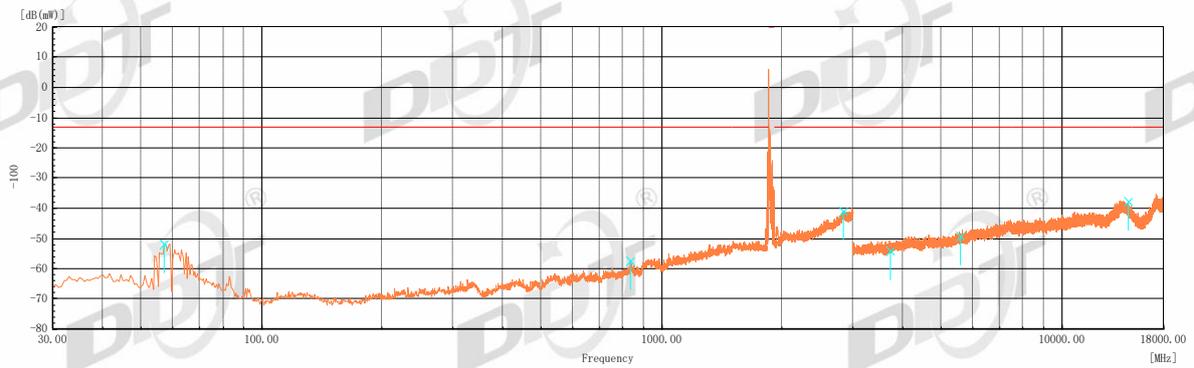
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 175 | V | 29.2 | -66.1 | -13 | 53.1 | 124 | 224.4 |
| 549.7 | V | 38.1 | -57.2 | -13 | 44.2 | 163 | 0 |
| 1015 | V | 44.0 | -51.3 | -13 | 38.3 | 156 | 224.4 |
| 1368.5 | V | 55.2 | -40.1 | -13 | 27.1 | 117 | 0 |
| 1693.5 | V | 42.6 | -52.7 | -13 | 39.7 | 122 | 269.4 |
| 2539.5 | V | 50.2 | -45.1 | -13 | 32.1 | 162 | 315.6 |
| 8608 | V | 52.6 | -42.7 | -13 | 29.7 | 114 | 269.4 |

Test Mode6: LTE Band 2 L channel (horizontal)



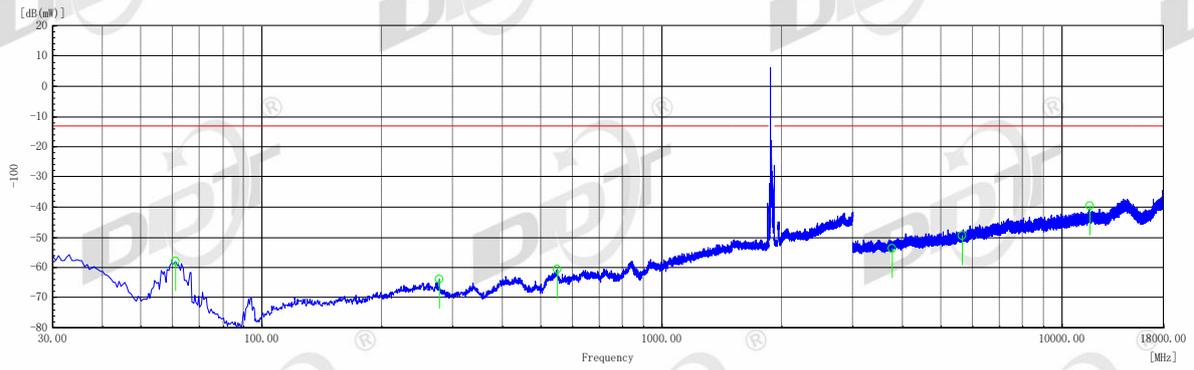
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.5 | H | 37.5 | -57.8 | -13 | 44.8 | 164 | 225.5 |
| 257 | H | 30.8 | -64.5 | -13 | 51.5 | 141 | 225.5 |
| 831 | H | 37.6 | -57.7 | -13 | 44.7 | 137 | 270 |
| 3719.5 | H | 42.6 | -52.7 | -13 | 39.7 | 168 | 225.5 |
| 5580 | H | 44.6 | -50.7 | -13 | 37.7 | 179 | 135.1 |
| 10921 | H | 53.6 | -41.7 | -13 | 28.7 | 126 | 315.3 |

Test Mode6: LTE Band 2 L channel (vertical)



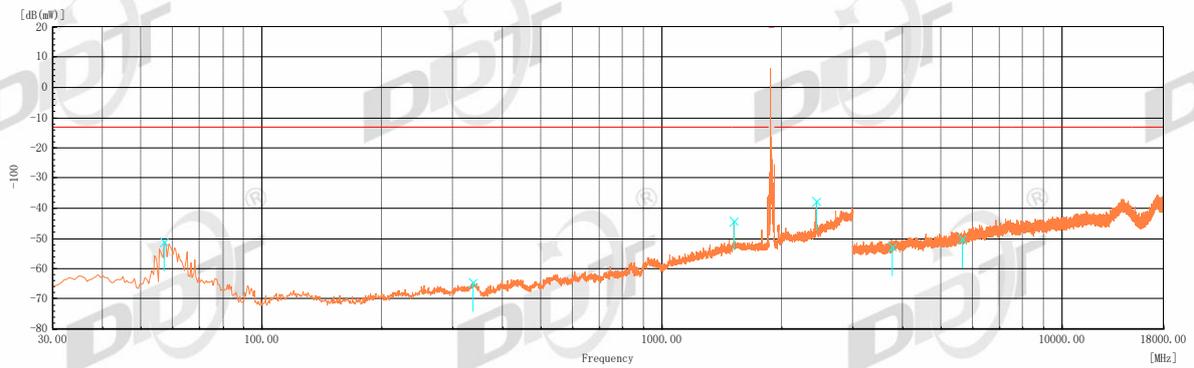
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 57 | V | 43.5 | -51.8 | -13 | 38.8 | 107 | 224.7 |
| 835.5 | V | 38.1 | -57.2 | -13 | 44.2 | 135 | 89.6 |
| 2840.5 | V | 54.4 | -40.9 | -13 | 27.9 | 164 | 44.6 |
| 3720 | V | 41.1 | -54.2 | -13 | 41.2 | 147 | 224.7 |
| 5580 | V | 46.0 | -49.3 | -13 | 36.3 | 125 | 0.1 |
| 14670.5 | V | 57.7 | -37.6 | -13 | 24.6 | 112 | 0.1 |

Test Mode6: LTE Band 2 M channel (horizontal)



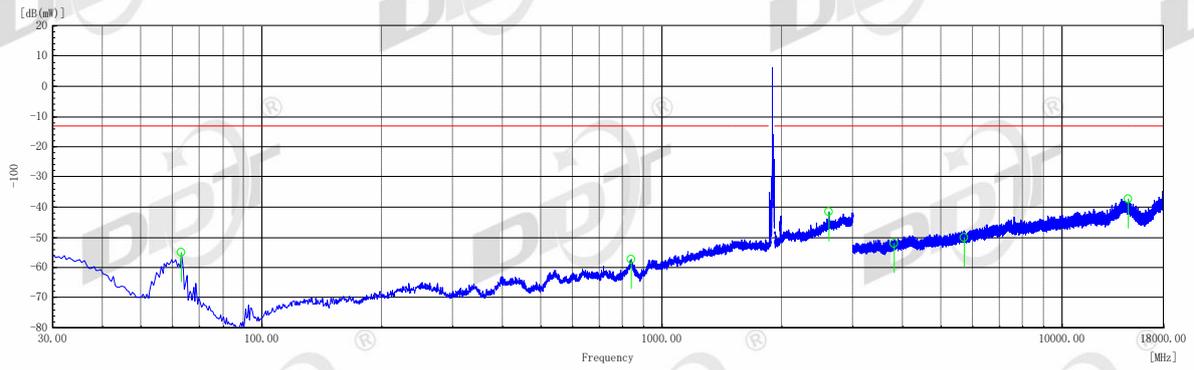
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61 | H | 37.1 | -58.2 | -13 | 45.2 | 126 | 315.6 |
| 278 | H | 31.3 | -64 | -13 | 51 | 106 | 225.3 |
| 547.5 | H | 34.6 | -60.7 | -13 | 47.7 | 137 | 225.3 |
| 3760 | H | 41.6 | -53.7 | -13 | 40.7 | 151 | 315.6 |
| 5640 | H | 45.7 | -49.6 | -13 | 36.6 | 147 | 135.4 |
| 11793 | H | 55.6 | -39.7 | -13 | 26.7 | 123 | 359.9 |

Test Mode6: LTE Band 2 M channel (vertical)



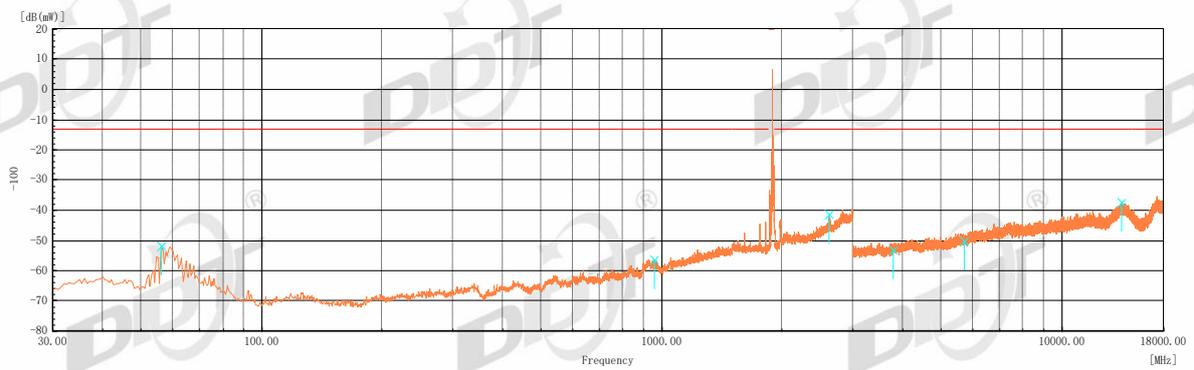
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 57 | V | 44.0 | -51.3 | -13 | 38.3 | 104 | 225 |
| 336.5 | V | 30.8 | -64.5 | -13 | 51.5 | 124 | 315.6 |
| 1512.5 | V | 50.9 | -44.4 | -13 | 31.4 | 163 | 269.5 |
| 2433 | V | 57.6 | -37.7 | -13 | 24.7 | 166 | 179.7 |
| 3760 | V | 42.5 | -52.8 | -13 | 39.8 | 117 | 315.6 |
| 5640 | V | 45.1 | -50.2 | -13 | 37.2 | 137 | 134.4 |

Test Mode6: LTE Band 2 H channel (horizontal)



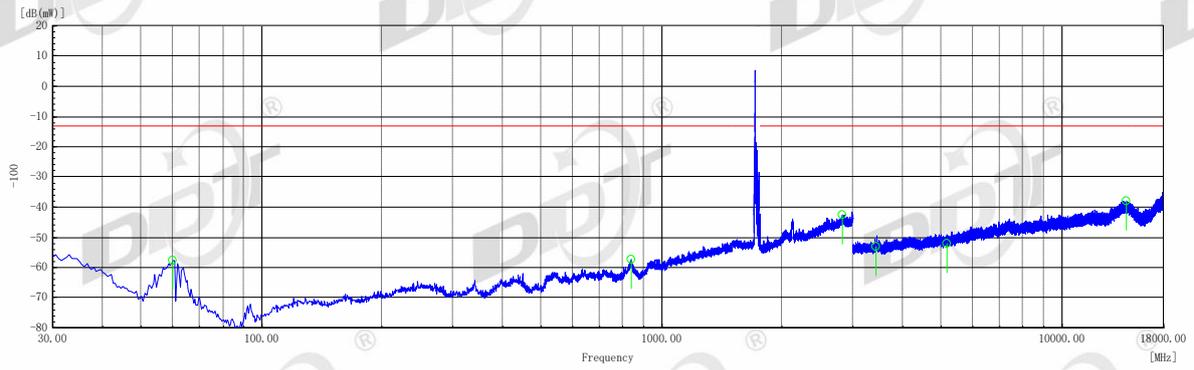
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 63 | H | 40.3 | -55 | -13 | 42 | 177 | 134.9 |
| 840.5 | H | 37.8 | -57.5 | -13 | 44.5 | 170 | 225.5 |
| 2623.5 | H | 53.7 | -41.6 | -13 | 28.6 | 168 | 180.2 |
| 3810 | H | 43.2 | -52.1 | -13 | 39.1 | 120 | 45.5 |
| 5700 | H | 45.1 | -50.2 | -13 | 37.2 | 157 | 270.1 |
| 14641 | H | 57.9 | -37.4 | -13 | 24.4 | 126 | 0.1 |

Test Mode6: LTE Band 2 H channel (vertical)



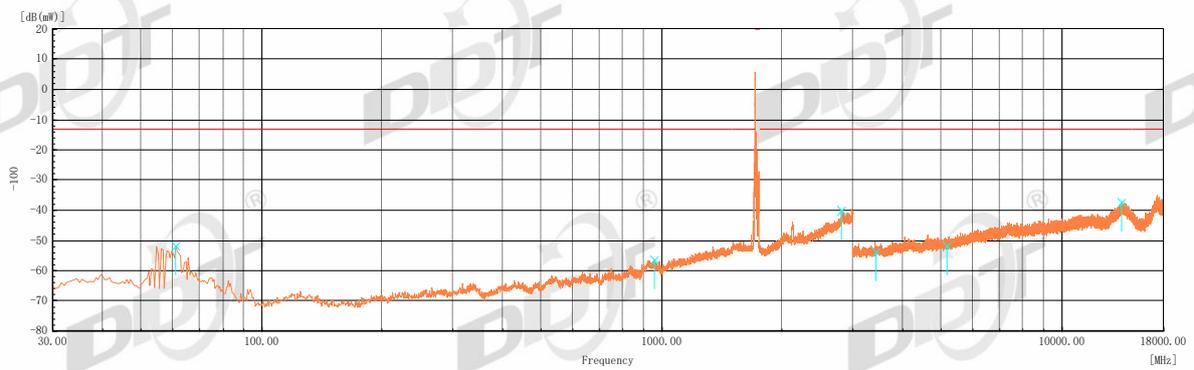
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 56 | V | 43.4 | -51.9 | -13 | 38.9 | 154 | 224.4 |
| 959.5 | V | 39.0 | -56.3 | -13 | 43.3 | 115 | 269.7 |
| 2622 | V | 54.0 | -41.3 | -13 | 28.3 | 167 | 0.1 |
| 3800 | V | 42.3 | -53 | -13 | 40 | 131 | 0.1 |
| 5700 | V | 45.0 | -50.3 | -13 | 37.3 | 111 | 179.8 |
| 14084.5 | V | 57.8 | -37.5 | -13 | 24.5 | 123 | 0.1 |

Test Mode7: LTE Band 4 L channel (horizontal)



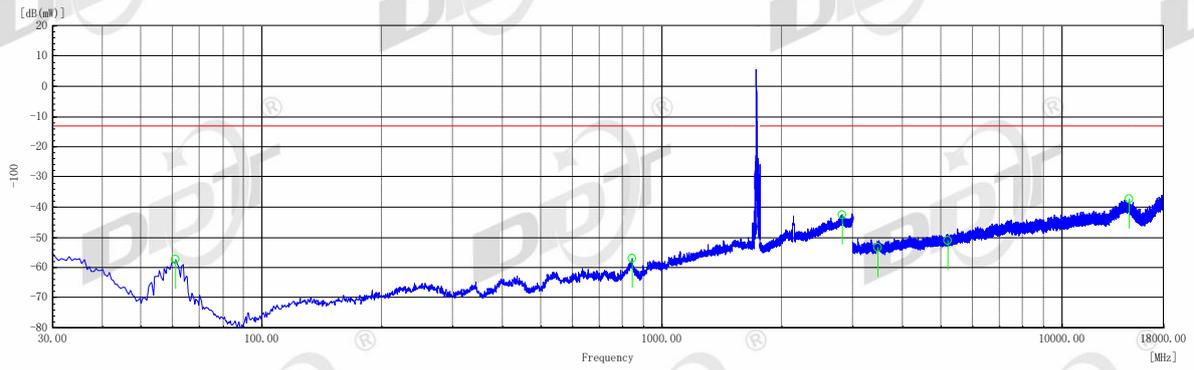
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60 | H | 37.7 | -57.6 | -13 | 44.6 | 101 | 45 |
| 837.5 | H | 38.0 | -57.3 | -13 | 44.3 | 160 | 270.4 |
| 2831 | H | 52.8 | -42.5 | -13 | 29.5 | 117 | 90.2 |
| 3440 | H | 42.3 | -53 | -13 | 40 | 109 | 45 |
| 5160 | H | 43.3 | -52 | -13 | 39 | 153 | 0.1 |
| 14484 | H | 57.3 | -38 | -13 | 25 | 123 | 0.1 |

Test Mode7: LTE Band 4 L channel (vertical)



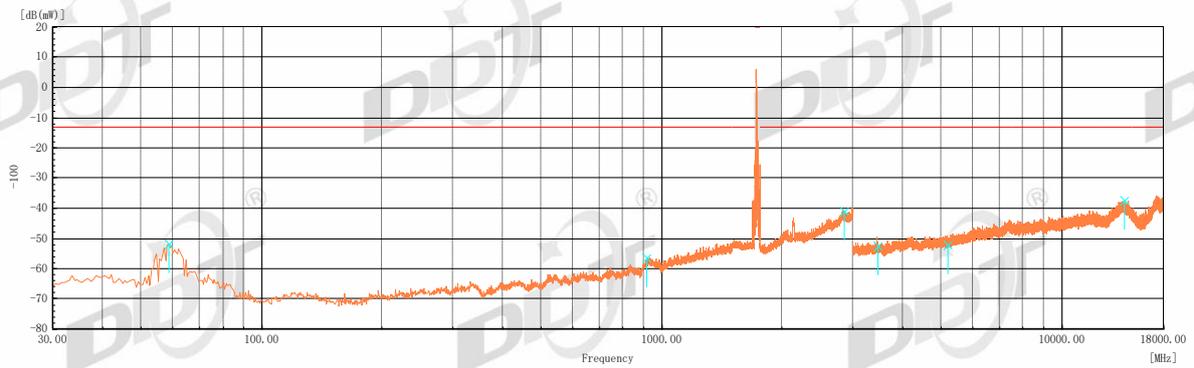
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61 | V | 43.4 | -51.9 | -13 | 38.9 | 132 | 315.8 |
| 959 | V | 39.0 | -56.3 | -13 | 43.3 | 133 | 89.9 |
| 2820 | V | 55.2 | -40.1 | -13 | 27.1 | 106 | 359.9 |
| 3440 | V | 41.5 | -53.8 | -13 | 40.8 | 115 | 270.1 |
| 5160 | V | 43.4 | -51.9 | -13 | 38.9 | 110 | 44.9 |
| 14110.5 | V | 58.1 | -37.2 | -13 | 24.2 | 117 | 44.9 |

Test Mode7: LTE Band 4 M channel (horizontal)



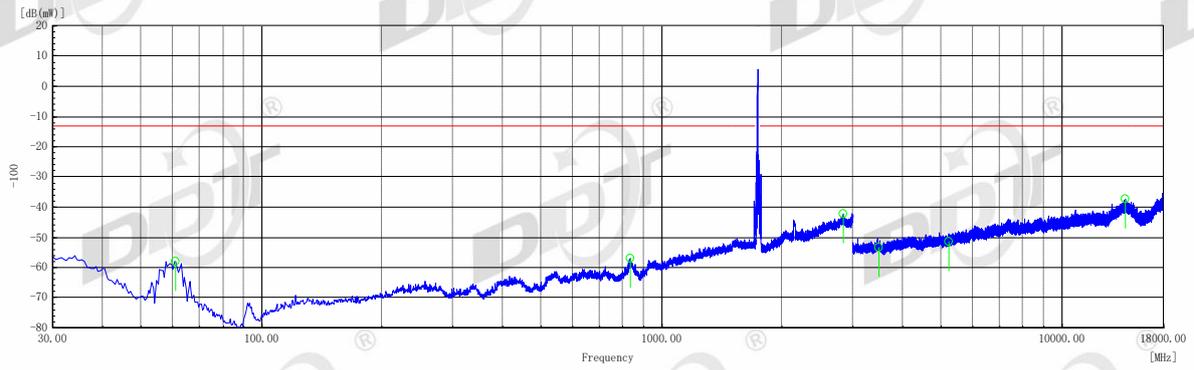
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61 | H | 37.9 | -57.4 | -13 | 44.4 | 169 | 225.8 |
| 842.5 | H | 38.3 | -57 | -13 | 44 | 176 | 225.8 |
| 2830.5 | H | 52.8 | -42.5 | -13 | 29.5 | 166 | 135.4 |
| 3465 | H | 42.0 | -53.3 | -13 | 40.3 | 144 | 180 |
| 5197.5 | H | 44.2 | -51.1 | -13 | 38.1 | 162 | 45.7 |
| 14718 | H | 57.9 | -37.4 | -13 | 24.4 | 169 | 45.7 |

Test Mode7: LTE Band 4 M channel (vertical)



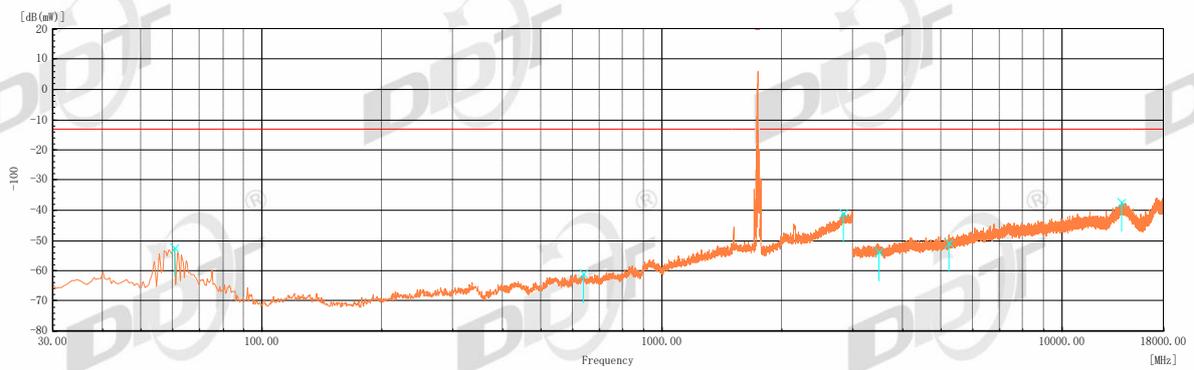
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 58.5 | V | 43.4 | -51.9 | -13 | 38.9 | 123 | 224.9 |
| 918 | V | 39.0 | -56.3 | -13 | 43.3 | 136 | 44.8 |
| 2866.5 | V | 54.4 | -40.9 | -13 | 27.9 | 172 | 89.8 |
| 3465 | V | 42.7 | -52.6 | -13 | 39.6 | 121 | 44.8 |
| 5197.5 | V | 43.3 | -52 | -13 | 39 | 138 | 89.8 |
| 14331.5 | V | 57.9 | -37.4 | -13 | 24.4 | 110 | 0 |

Test Mode7: LTE Band 4 H channel (horizontal)



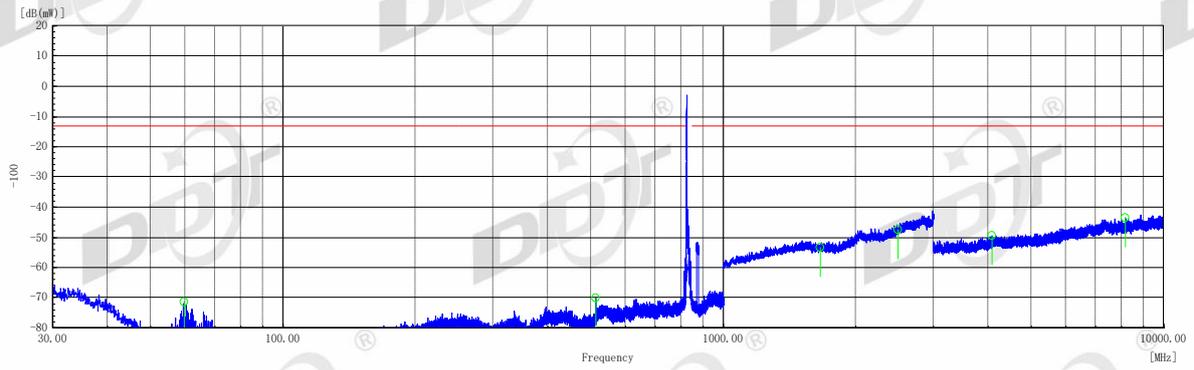
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 61 | H | 37.3 | -58 | -13 | 45 | 178 | 314.9 |
| 834.5 | H | 38.4 | -56.9 | -13 | 43.9 | 147 | 0 |
| 2844 | H | 53.1 | -42.2 | -13 | 29.2 | 146 | 270 |
| 3490 | H | 41.8 | -53.5 | -13 | 40.5 | 135 | 270 |
| 5235 | H | 43.9 | -51.4 | -13 | 38.4 | 143 | 225.4 |
| 14465 | H | 57.9 | -37.4 | -13 | 24.4 | 149 | 90.2 |

Test Mode7: LTE Band 4 H channel (vertical)



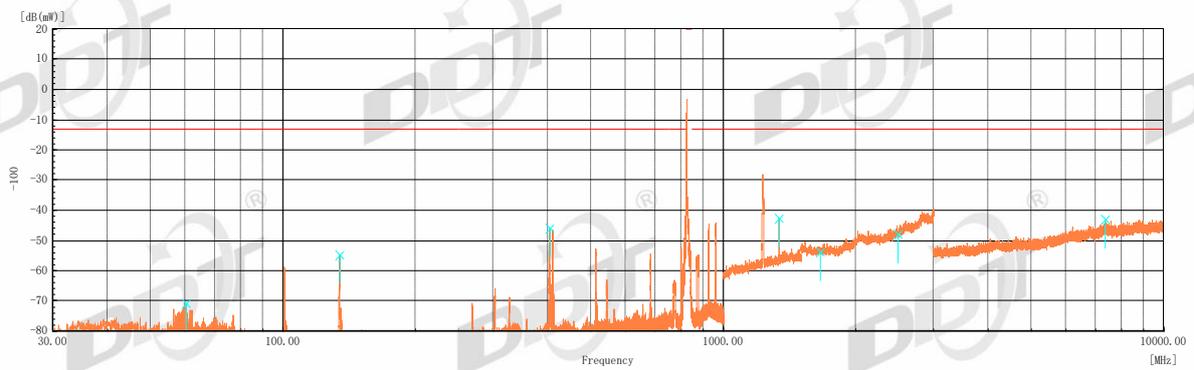
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 60.5 | V | 42.9 | -52.4 | -13 | 39.4 | 110 | 314.9 |
| 638 | V | 34.3 | -61 | -13 | 48 | 158 | 224.6 |
| 2841 | V | 54.3 | -41 | -13 | 28 | 129 | 359.9 |
| 3490 | V | 41.4 | -53.9 | -13 | 40.9 | 164 | 134.7 |
| 5235 | V | 44.5 | -50.8 | -13 | 37.8 | 155 | 314.9 |
| 14109.5 | V | 57.8 | -37.5 | -13 | 24.5 | 172 | 270 |

Test Mode8: LTE Band 5 L channel (horizontal)



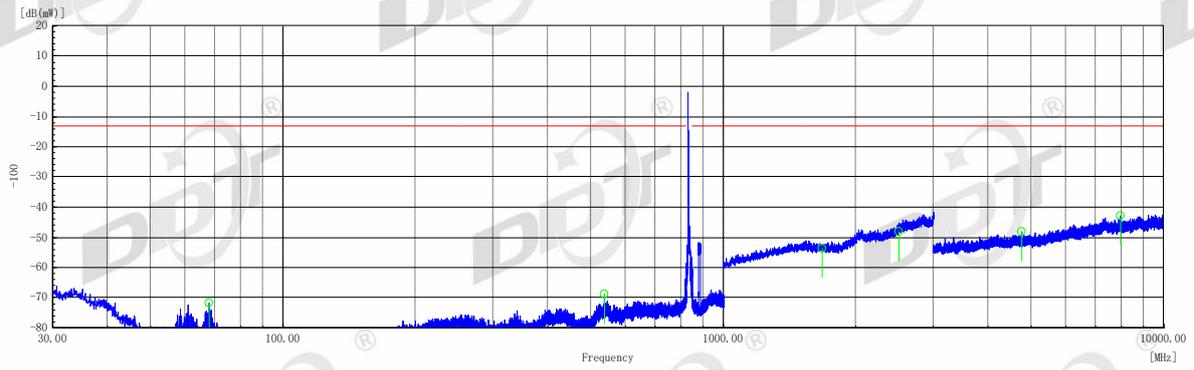
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.65 | H | 23.7 | -71.6 | -13 | 58.6 | 148 | 91.4 |
| 513.1 | H | 25.2 | -70.1 | -13 | 57.1 | 158 | 225.1 |
| 1658 | H | 41.9 | -53.4 | -13 | 40.4 | 155 | 91.4 |
| 2487 | H | 47.9 | -47.4 | -13 | 34.4 | 179 | 180.5 |
| 4064 | H | 45.8 | -49.5 | -13 | 36.5 | 171 | 315.8 |
| 8173.501 | H | 51.6 | -43.7 | -13 | 30.7 | 160 | 315.8 |

Test Mode8: LTE Band 5 L channel (vertical)



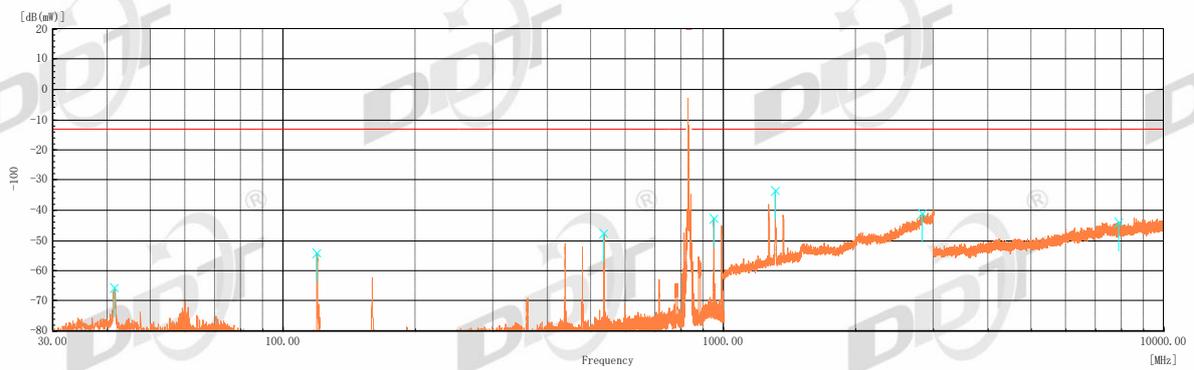
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60.4 | V | 24.4 | -70.9 | -13 | 57.9 | 111 | 134.4 |
| 134.4 | V | 40.5 | -54.8 | -13 | 41.8 | 174 | 179.4 |
| 403.2 | V | 49.4 | -45.9 | -13 | 32.9 | 118 | 0.1 |
| 1337.5 | V | 52.7 | -42.6 | -13 | 29.6 | 106 | 179.4 |
| 1658 | V | 41.6 | -53.7 | -13 | 40.7 | 173 | 0.1 |
| 2487 | V | 47.5 | -47.8 | -13 | 34.8 | 169 | 224.4 |
| 7359.501 | V | 52.2 | -43.1 | -13 | 30.1 | 131 | 0.1 |

Test Mode8: LTE Band 5 M channel (horizontal)



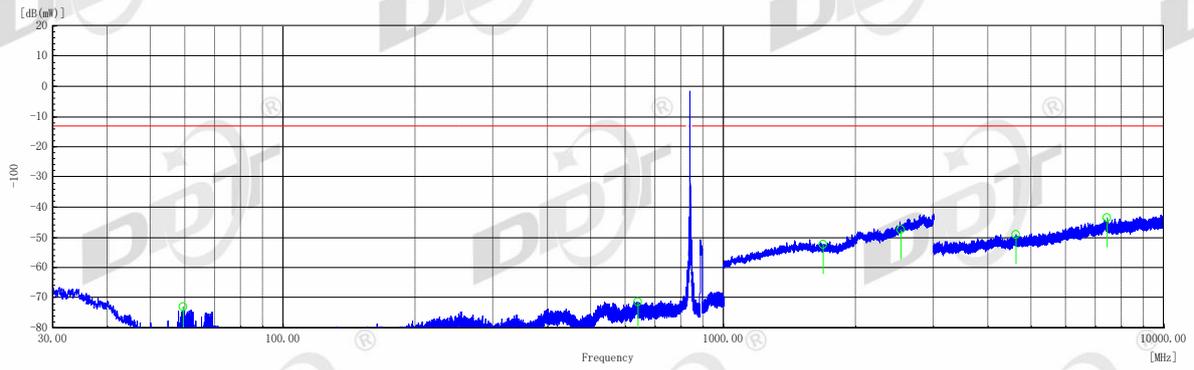
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 67.9 | H | 23.4 | -71.9 | -13 | 58.9 | 161 | 45.6 |
| 535.6 | H | 26.6 | -68.7 | -13 | 55.7 | 180 | 225.9 |
| 1673 | H | 41.5 | -53.8 | -13 | 40.8 | 113 | 315.1 |
| 2509.5 | H | 47.1 | -48.2 | -13 | 35.2 | 144 | 359.8 |
| 4761 | H | 47.3 | -48 | -13 | 35 | 145 | 91.1 |
| 7974.001 | H | 52.2 | -43.1 | -13 | 30.1 | 121 | 359.8 |

Test Mode8: LTE Band 5 M channel (vertical)



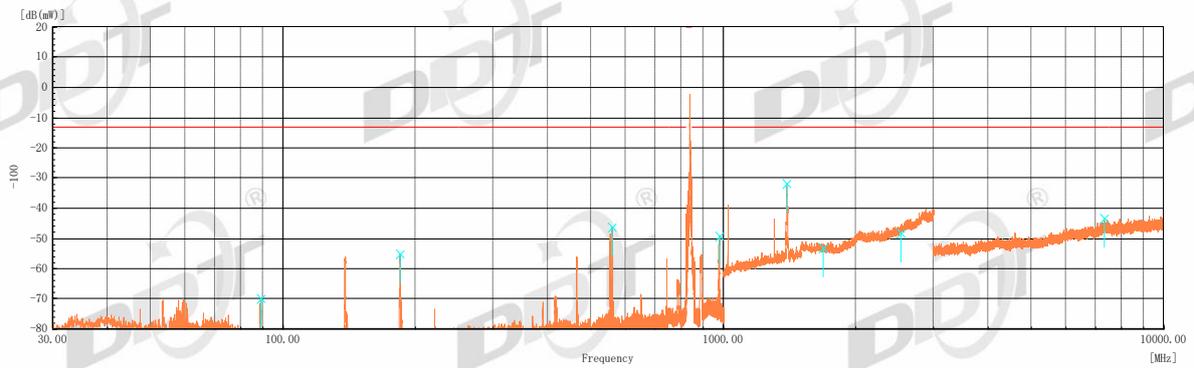
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 41.4 | V | 29.9 | -65.4 | -13 | 52.4 | 174 | 89.3 |
| 119.4 | V | 41.3 | -54 | -13 | 41 | 174 | 225.2 |
| 535.4 | V | 47.8 | -47.5 | -13 | 34.5 | 174 | 0.2 |
| 951.65 | V | 52.8 | -42.5 | -13 | 29.5 | 145 | 315.1 |
| 1310.5 | V | 62.0 | -33.3 | -13 | 20.3 | 119 | 179.8 |
| 2825 | V | 54.5 | -40.8 | -13 | 27.8 | 133 | 0.2 |
| 7911.001 | V | 51.4 | -43.9 | -13 | 30.9 | 103 | 89.3 |

Test Mode8: LTE Band 5 H channel (horizontal)



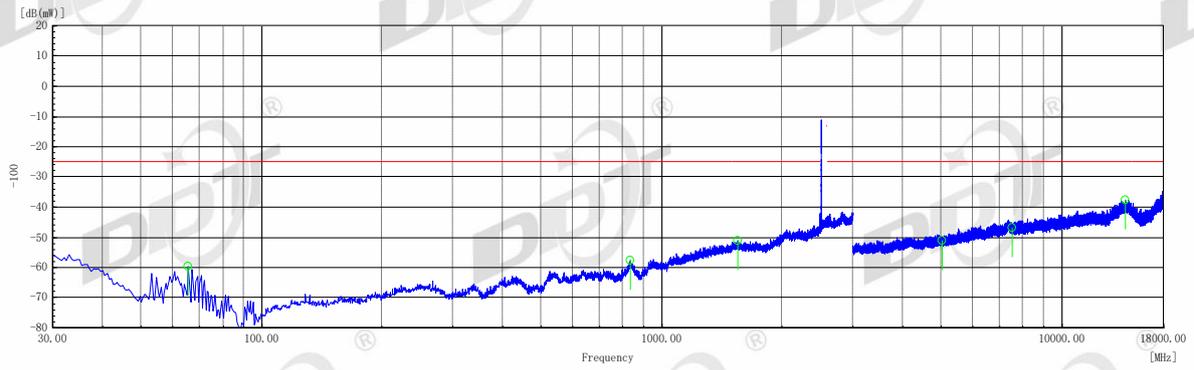
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.4 | H | 22.2 | -73.1 | -13 | 60.1 | 126 | 91.8 |
| 639.2 | H | 23.9 | -71.4 | -13 | 58.4 | 122 | 180.9 |
| 1688.5 | H | 42.9 | -52.4 | -13 | 39.4 | 102 | 135.5 |
| 2532 | H | 47.8 | -47.5 | -13 | 34.5 | 159 | 270 |
| 4612 | H | 46.1 | -49.2 | -13 | 36.2 | 171 | 0.1 |
| 7422.001 | H | 51.8 | -43.5 | -13 | 30.5 | 130 | 180.9 |

Test Mode8: LTE Band 5 H channel (vertical)



| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 88.9 | V | 25.6 | -69.7 | -13 | 56.7 | 126 | 269.3 |
| 184.4 | V | 40.2 | -55.1 | -13 | 42.1 | 136 | 89.2 |
| 558.1 | V | 49.2 | -46.1 | -13 | 33.1 | 163 | 44.3 |
| 977.75 | V | 46.1 | -49.2 | -13 | 36.2 | 161 | 134.8 |
| 1392.5 | V | 63.5 | -31.8 | -13 | 18.8 | 168 | 224.7 |
| 1688 | V | 42.2 | -53.1 | -13 | 40.1 | 121 | 180.1 |
| 2532 | V | 47.2 | -48.1 | -13 | 35.1 | 132 | 269.3 |
| 7324.001 | V | 51.9 | -43.4 | -13 | 30.4 | 174 | 44.3 |

Test Mode9: LTE Band 7 L channel (horizontal)



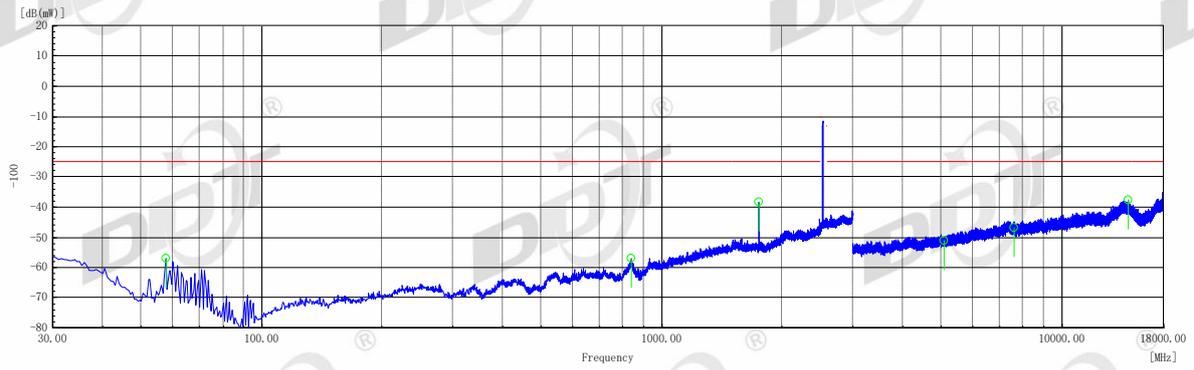
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 65.5 | H | 35.6 | -59.7 | -25 | 34.7 | 177 | 225.3 |
| 834.5 | H | 37.5 | -57.8 | -25 | 32.8 | 117 | 225.3 |
| 1547.5 | H | 44.0 | -51.3 | -25 | 26.3 | 106 | 315.5 |
| 5020 | H | 44.3 | -51 | -25 | 26 | 176 | 315.5 |
| 7530.001 | H | 48.3 | -47 | -25 | 22 | 120 | 0.1 |
| 14422.5 | H | 57.7 | -37.6 | -25 | 12.6 | 161 | 315.5 |

Test Mode9: LTE Band 7 L channel (vertical)



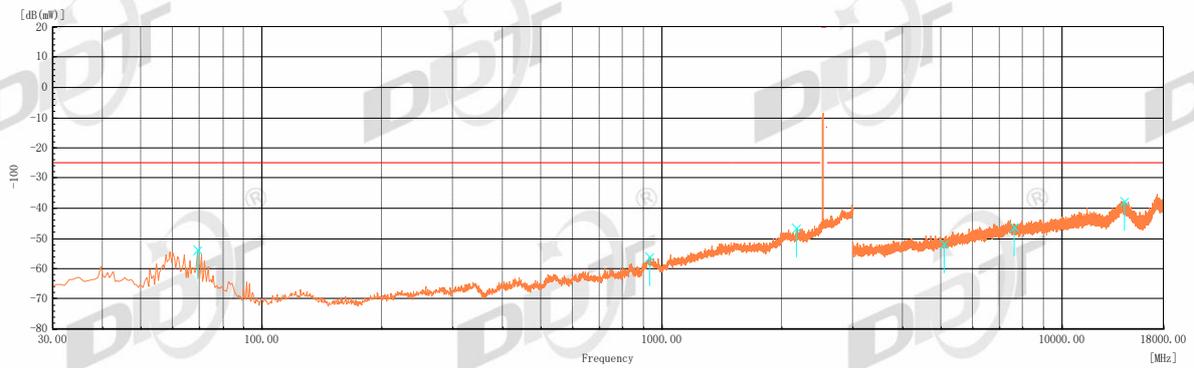
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 58.5 | V | 42.5 | -52.8 | -25 | 27.8 | 165 | 359.9 |
| 539.5 | V | 34.4 | -60.9 | -25 | 35.9 | 174 | 90 |
| 2038.5 | V | 47.7 | -47.6 | -25 | 22.6 | 143 | 359.9 |
| 5020 | V | 43.5 | -51.8 | -25 | 26.8 | 179 | 225 |
| 7530.001 | V | 47.0 | -48.3 | -25 | 23.3 | 101 | 45 |
| 14258.5 | V | 57.9 | -37.4 | -25 | 12.4 | 160 | 45 |

Test Mode9: LTE Band 7 M channel (horizontal)



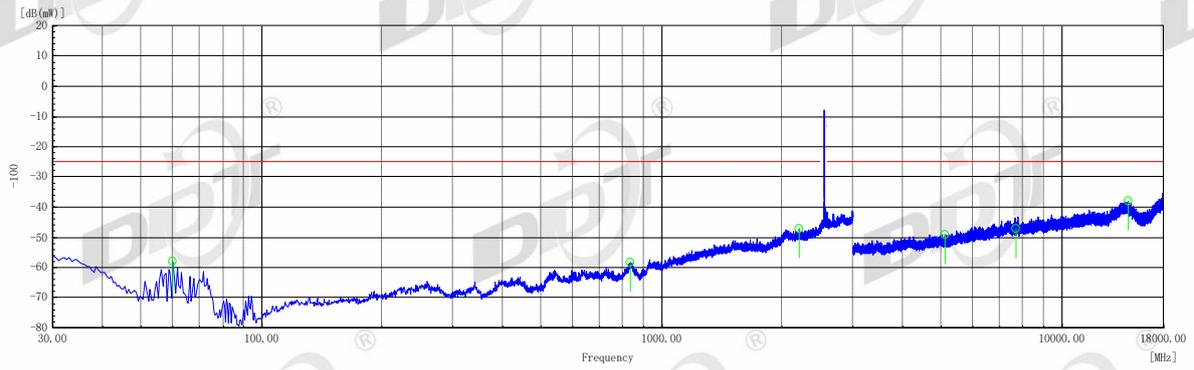
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 57.5 | H | 38.3 | -57 | -25 | 32 | 178 | 359.9 |
| 841 | H | 38.3 | -57 | -25 | 32 | 137 | 45.2 |
| 1753 | H | 56.8 | -38.5 | -25 | 13.5 | 147 | 359.9 |
| 5070 | H | 44.2 | -51.1 | -25 | 26.1 | 152 | 90 |
| 7605.001 | H | 48.3 | -47 | -25 | 22 | 163 | 225.5 |
| 14647.5 | H | 57.6 | -37.7 | -25 | 12.7 | 147 | 45.2 |

Test Mode9: LTE Band 7 M channel (vertical)



| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 69 | V | 41.4 | -53.9 | -25 | 28.9 | 116 | 315.3 |
| 929.5 | V | 39.1 | -56.2 | -25 | 31.2 | 140 | 269.6 |
| 2168.5 | V | 48.8 | -46.5 | -25 | 21.5 | 124 | 315.3 |
| 5070 | V | 43.7 | -51.6 | -25 | 26.6 | 108 | 89.5 |
| 7605.001 | V | 49.0 | -46.3 | -25 | 21.3 | 117 | 315.3 |
| 14367.5 | V | 57.7 | -37.6 | -25 | 12.6 | 138 | 0.1 |

Test Mode9: LTE Band 7 H channel (horizontal)



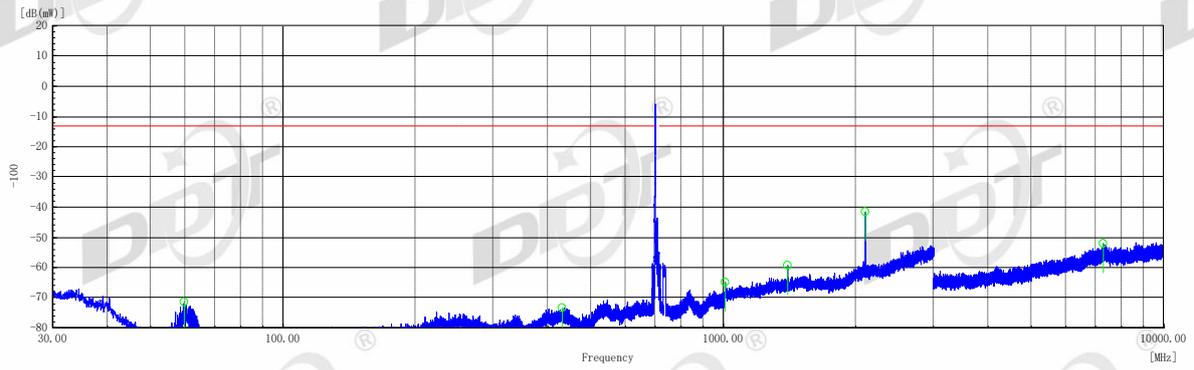
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60 | H | 37.3 | -58 | -25 | 33 | 108 | 45.5 |
| 834 | H | 36.8 | -58.5 | -25 | 33.5 | 137 | 225.4 |
| 2209.5 | H | 48.0 | -47.3 | -25 | 22.3 | 169 | 135.6 |
| 5120 | H | 46.0 | -49.3 | -25 | 24.3 | 107 | 225.4 |
| 7680.001 | H | 48.2 | -47.1 | -25 | 22.1 | 119 | 270.3 |
| 14704.5 | H | 57.3 | -38 | -25 | 13 | 131 | 0.1 |

Test Mode9: LTE Band 7 H channel (vertical)



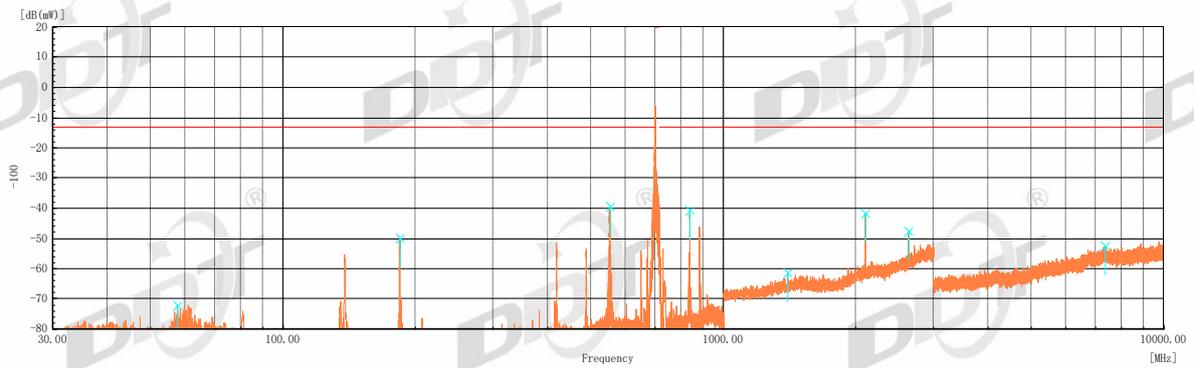
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60 | V | 40.9 | -54.4 | -25 | 29.4 | 141 | 135.1 |
| 851 | V | 37.3 | -58 | -25 | 33 | 156 | 135.1 |
| 2410 | V | 52.0 | -43.3 | -25 | 18.3 | 176 | 89.9 |
| 5120 | V | 43.8 | -51.5 | -25 | 26.5 | 166 | 0.1 |
| 7680.001 | V | 48.2 | -47.1 | -25 | 22.1 | 169 | 315 |
| 14154 | V | 58.1 | -37.2 | -25 | 12.2 | 133 | 315 |

Test Mode10: LTE Band 12 L channel (horizontal)



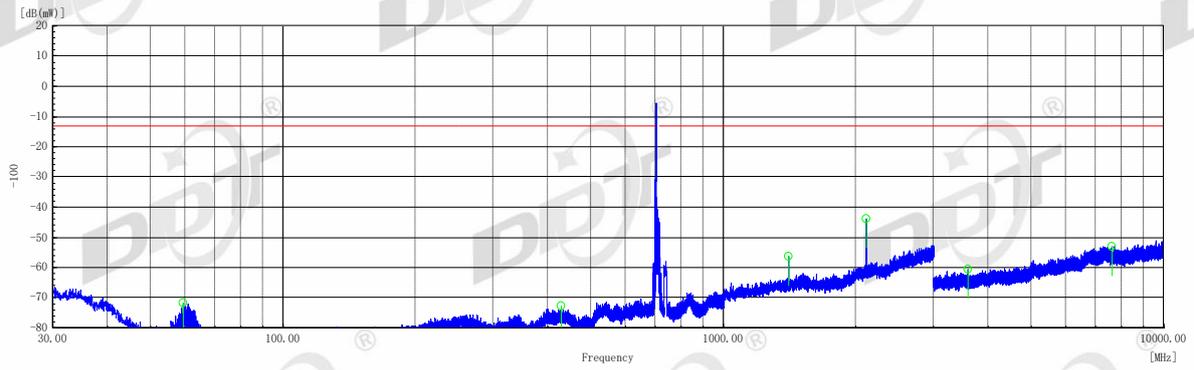
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.7 | H | 23.8 | -71.5 | -13 | 58.5 | 133 | 135.2 |
| 430.15 | H | 21.9 | -73.4 | -13 | 60.4 | 176 | 225.8 |
| 1008 | H | 30.2 | -65.1 | -13 | 52.1 | 171 | 90.3 |
| 1399.2 | H | 36.1 | -59.2 | -13 | 46.2 | 148 | 359.9 |
| 2098.8 | H | 53.6 | -41.7 | -13 | 28.7 | 113 | 45.1 |
| 7276.001 | H | 43.0 | -52.3 | -13 | 39.3 | 117 | 225.8 |

Test Mode10: LTE Band 12 L channel (vertical)



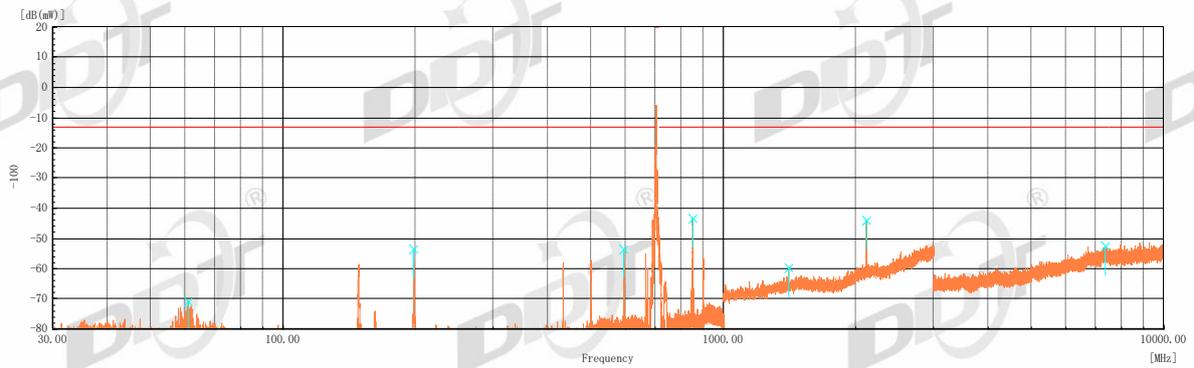
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 57.7 | V | 23.3 | -72 | -13 | 59 | 122 | 179.7 |
| 184.25 | V | 45.6 | -49.7 | -13 | 36.7 | 115 | 269.9 |
| 552.35 | V | 55.9 | -39.4 | -13 | 26.4 | 173 | 179.7 |
| 837.722 | V | 54.7 | -40.6 | -13 | 27.6 | 107 | 0.3 |
| 1399.2 | V | 33.9 | -61.4 | -13 | 48.4 | 151 | 89.6 |
| 2098.8 | V | 53.8 | -41.5 | -13 | 28.5 | 143 | 134.3 |
| 2631.6 | V | 47.8 | -47.5 | -13 | 34.5 | 136 | 0.3 |
| 7377.001 | V | 43.0 | -52.3 | -13 | 39.3 | 119 | 89.6 |

Test Mode10: LTE Band 12 M channel (horizontal)



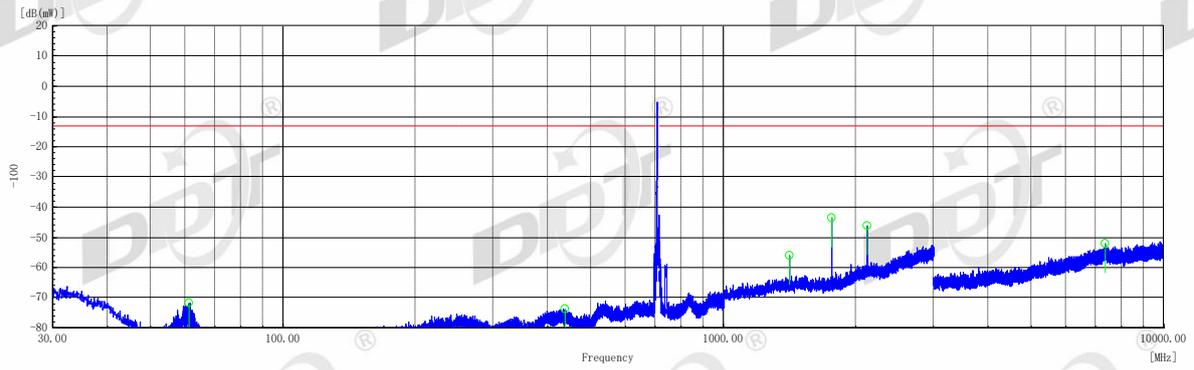
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 59.25 | H | 23.5 | -71.8 | -13 | 58.8 | 174 | 135.1 |
| 427.95 | H | 22.5 | -72.8 | -13 | 59.8 | 101 | 315.4 |
| 1406 | H | 38.9 | -56.4 | -13 | 43.4 | 120 | 45.5 |
| 2109.2 | H | 51.2 | -44.1 | -13 | 31.1 | 136 | 45.5 |
| 3594.4 | H | 34.6 | -60.7 | -13 | 47.7 | 126 | 270.1 |
| 7632.001 | H | 42.2 | -53.1 | -13 | 40.1 | 167 | 315.4 |

Test Mode10: LTE Band 12 M channel (vertical)



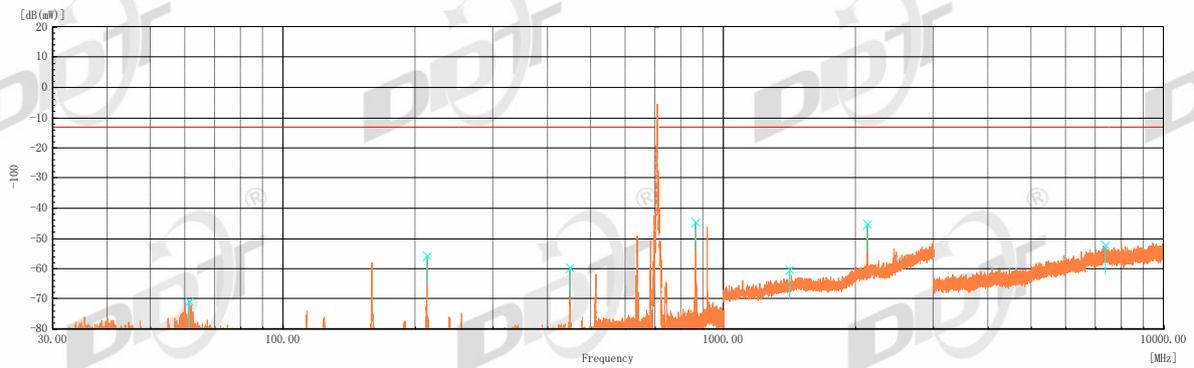
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 61 | V | 24.5 | -70.8 | -13 | 57.8 | 170 | 135.1 |
| 197.9 | V | 41.8 | -53.5 | -13 | 40.5 | 118 | 269.4 |
| 594.4 | V | 41.9 | -53.4 | -13 | 40.4 | 176 | 44.7 |
| 851.525 | V | 52.1 | -43.2 | -13 | 30.2 | 117 | 90 |
| 1406.4 | V | 35.6 | -59.7 | -13 | 46.7 | 103 | 135.1 |
| 2109.2 | V | 51.4 | -43.9 | -13 | 30.9 | 151 | 135.1 |
| 7351.001 | V | 43.0 | -52.3 | -13 | 39.3 | 145 | 44.7 |

Test Mode10: LTE Band 12 H channel (horizontal)



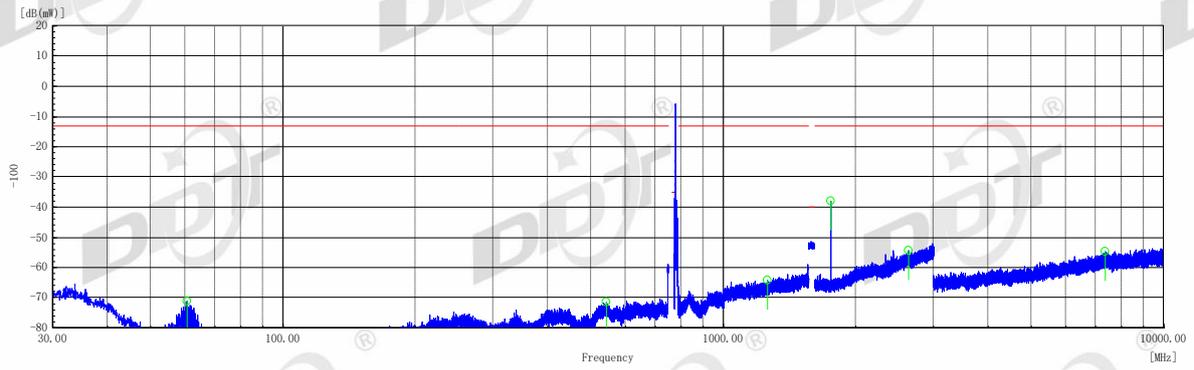
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61.05 | H | 23.6 | -71.7 | -13 | 58.7 | 153 | 89.9 |
| 437.15 | H | 21.7 | -73.6 | -13 | 60.6 | 106 | 135 |
| 1413.2 | H | 39.4 | -55.9 | -13 | 42.9 | 119 | 45.4 |
| 1763.6 | H | 51.7 | -43.6 | -13 | 30.6 | 142 | 270.1 |
| 2119.6 | H | 49.0 | -46.3 | -13 | 33.3 | 101 | 45.4 |
| 7379.501 | H | 43.3 | -52 | -13 | 39 | 170 | 270.1 |

Test Mode10: LTE Band 12 H channel (vertical)



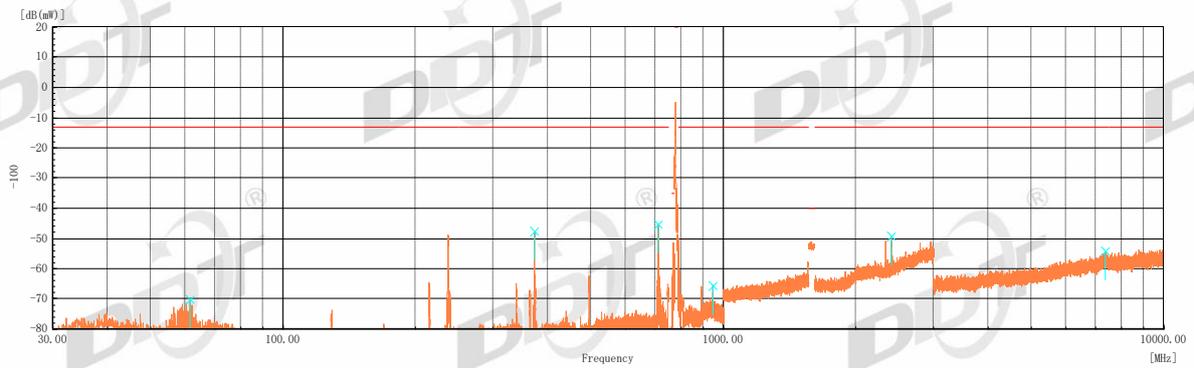
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61.1 | V | 24.5 | -70.8 | -13 | 57.8 | 175 | 315.3 |
| 212.1 | V | 39.6 | -55.7 | -13 | 42.7 | 148 | 0.1 |
| 447.9 | V | 35.7 | -59.6 | -13 | 46.6 | 170 | 315.3 |
| 865.668 | V | 50.9 | -44.4 | -13 | 31.4 | 174 | 315.3 |
| 1413.2 | V | 35.1 | -60.2 | -13 | 47.2 | 168 | 89.4 |
| 2119.6 | V | 50.1 | -45.2 | -13 | 32.2 | 156 | 180.3 |
| 7362.501 | V | 43.2 | -52.1 | -13 | 39.1 | 115 | 224.7 |

Test Mode11: LTE Band 13 M channel (horizontal)



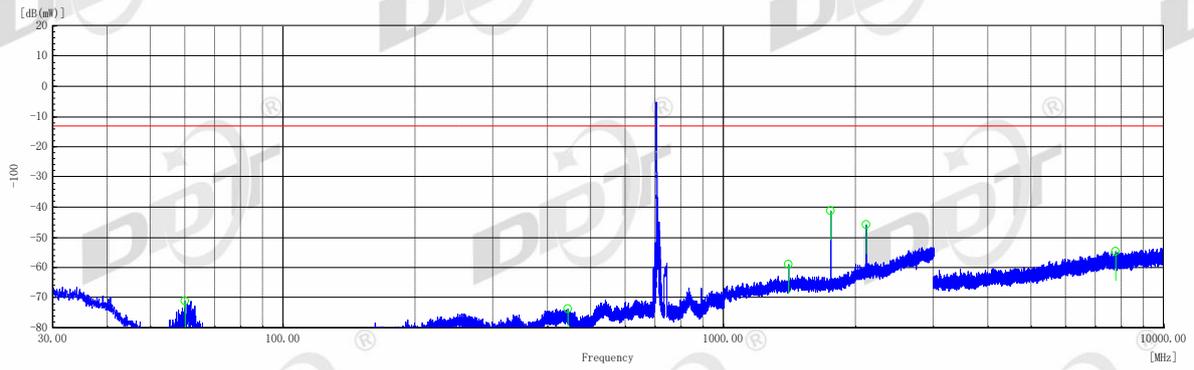
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60.65 | H | 24.2 | -71.1 | -13 | 58.1 | 117 | 0.1 |
| 542.85 | H | 23.8 | -71.5 | -13 | 58.5 | 174 | 315.8 |
| 1259.8 | H | 31.1 | -64.2 | -13 | 51.2 | 163 | 315.8 |
| 1756.784 | H | 57.2 | -38.1 | -13 | 25.1 | 100 | 134.9 |
| 2631.372 | H | 40.8 | -54.5 | -13 | 41.5 | 145 | 90.5 |
| 7357.001 | H | 40.4 | -54.9 | -13 | 41.9 | 130 | 270.1 |

Test Mode11: LTE Band 13 M channel (vertical)



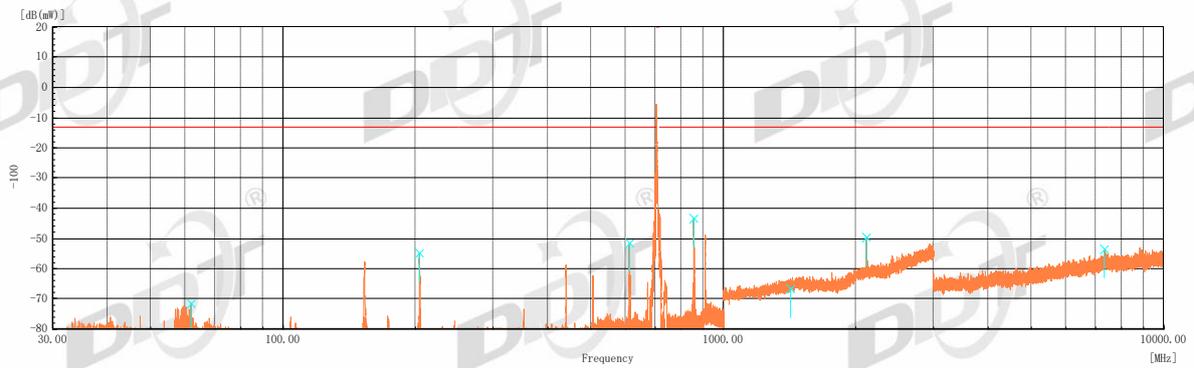
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61.5 | V | 25.3 | -70 | -13 | 57 | 103 | 44.8 |
| 372.1 | V | 47.8 | -47.5 | -13 | 34.5 | 114 | 269.3 |
| 710.75 | V | 50.2 | -45.1 | -13 | 32.1 | 121 | 179.8 |
| 946.95 | V | 29.8 | -65.5 | -13 | 52.5 | 164 | 0 |
| 2408.972 | V | 46.1 | -49.2 | -13 | 36.2 | 162 | 269.3 |
| 7359.001 | V | 41.3 | -54 | -13 | 41 | 138 | 89.7 |

Test Mode12: LTE Band 17 L channel (horizontal)



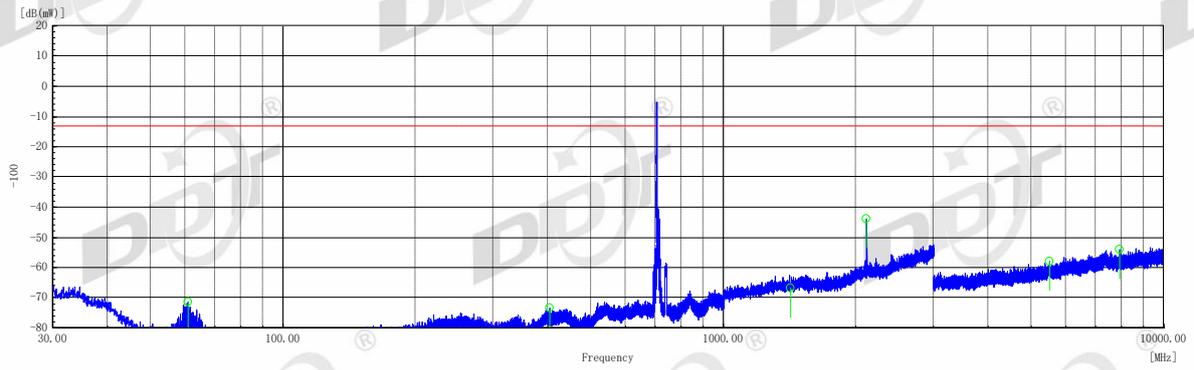
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 60 | H | 24.2 | -71.1 | -13 | 58.1 | 101 | 135.3 |
| 442.8 | H | 21.4 | -73.9 | -13 | 60.9 | 120 | 270.5 |
| 1409.2 | H | 36.2 | -59.1 | -13 | 46.1 | 128 | 44.8 |
| 1754.8 | H | 54.0 | -41.3 | -13 | 28.3 | 139 | 90.4 |
| 2114 | H | 49.3 | -46 | -13 | 33 | 137 | 44.8 |
| 7783.501 | H | 40.5 | -54.8 | -13 | 41.8 | 119 | 44.8 |

Test Mode12: LTE Band 17 L channel (vertical)



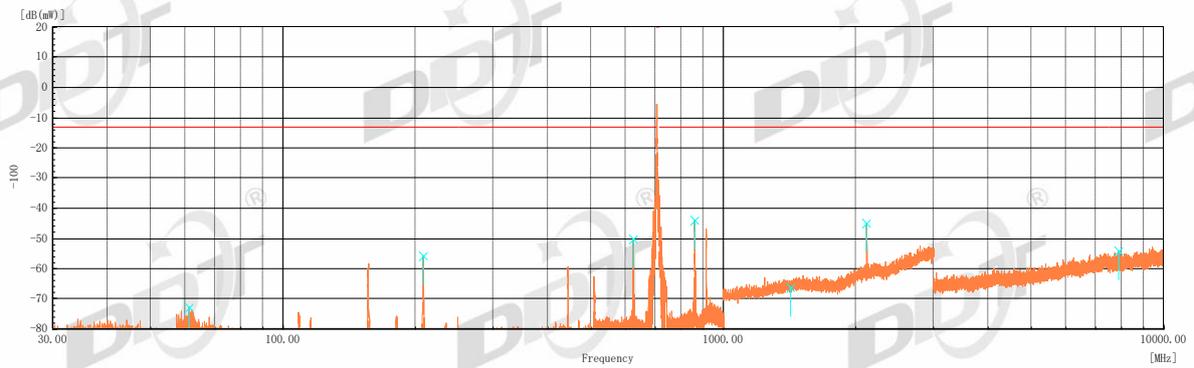
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61.65 | V | 24.0 | -71.3 | -13 | 58.3 | 149 | 0.1 |
| 204.1 | V | 40.6 | -54.7 | -13 | 41.7 | 143 | 269.8 |
| 612.35 | V | 43.7 | -51.6 | -13 | 38.6 | 130 | 89.4 |
| 857.716 | V | 51.9 | -43.4 | -13 | 30.4 | 135 | 315.8 |
| 2113.6 | V | 45.9 | -49.4 | -13 | 36.4 | 142 | 89.4 |
| 1418 | V | 28.8 | -66.5 | -13 | 53.5 | 143 | 0.1 |
| 7337.501 | V | 41.7 | -53.6 | -13 | 40.6 | 176 | 44.5 |

Test Mode12: LTE Band 17 M channel (horizontal)



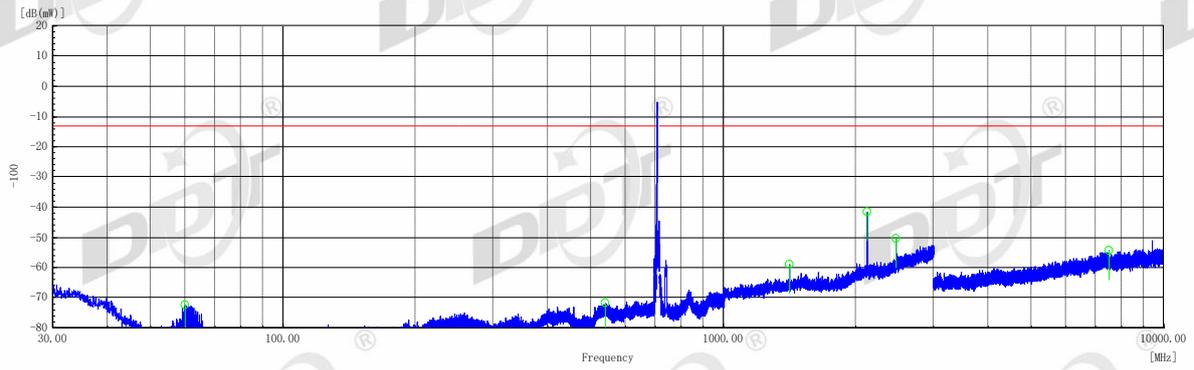
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 60.95 | H | 23.8 | -71.5 | -13 | 58.5 | 172 | 45.7 |
| 403.85 | H | 21.8 | -73.5 | -13 | 60.5 | 120 | 225.3 |
| 1420 | H | 28.6 | -66.7 | -13 | 53.7 | 116 | 315.5 |
| 2116.8 | H | 51.2 | -44.1 | -13 | 31.1 | 165 | 45.7 |
| 5505 | H | 37.3 | -58 | -13 | 45 | 175 | 270.6 |
| 7955.001 | H | 41.1 | -54.2 | -13 | 41.2 | 142 | 315.5 |

Test Mode12: LTE Band 17 M channel (vertical)



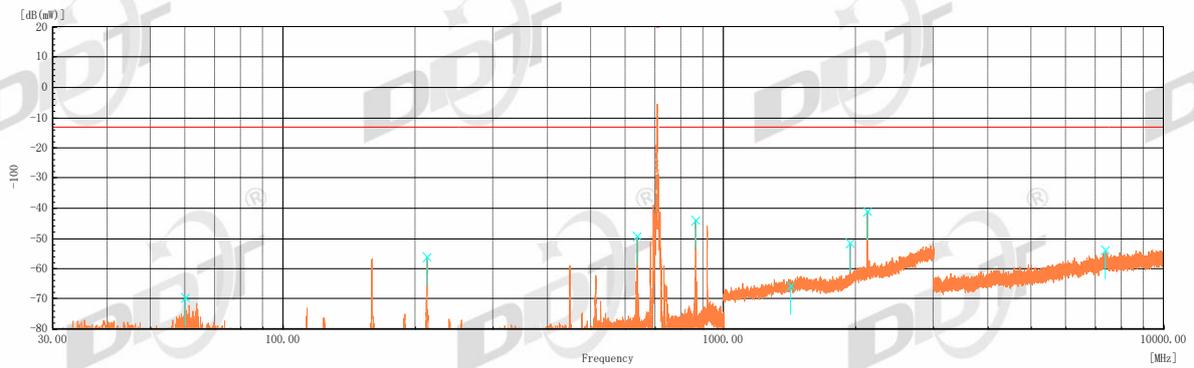
| Frequency [MHz] | Pol | Level [dB μ V/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------------|----------------|----------------|-------------|-------------|-------------|
| 61.2 | V | 22.5 | -72.8 | -13 | 59.8 | 169 | 224.9 |
| 208.1 | V | 39.5 | -55.8 | -13 | 42.8 | 127 | 269.3 |
| 623.7 | V | 45.1 | -50.2 | -13 | 37.2 | 179 | 89.4 |
| 861.522 | V | 51.5 | -43.8 | -13 | 30.8 | 110 | 44.9 |
| 1420 | V | 29.0 | -66.3 | -13 | 53.3 | 155 | 224.9 |
| 2116.8 | V | 50.5 | -44.8 | -13 | 31.8 | 126 | 180 |
| 7904.501 | V | 41.1 | -54.2 | -13 | 41.2 | 156 | 224.9 |

Test Mode12: LTE Band 17 H channel (horizontal)



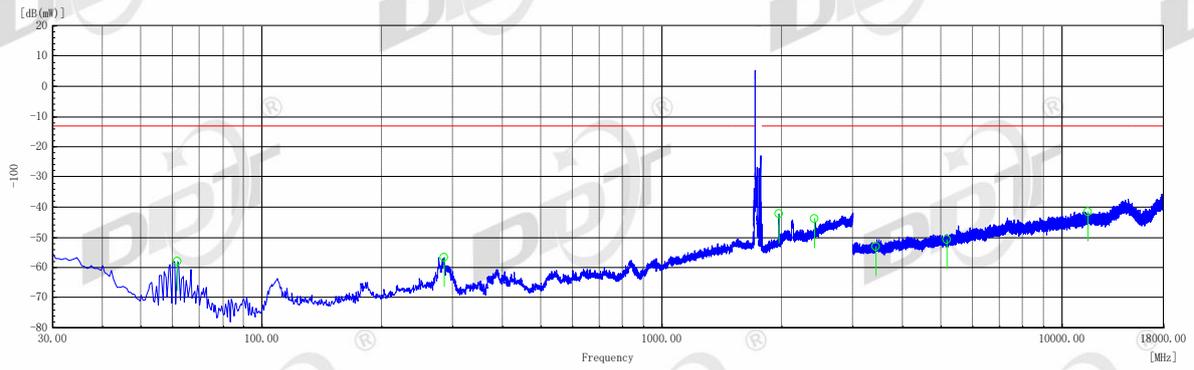
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.8 | H | 22.8 | -72.5 | -13 | 59.5 | 143 | 0 |
| 540.3 | H | 23.5 | -71.8 | -13 | 58.8 | 173 | 225.2 |
| 1413.2 | H | 36.3 | -59 | -13 | 46 | 153 | 45.6 |
| 2120 | H | 53.6 | -41.7 | -13 | 28.7 | 152 | 45.6 |
| 2471.2 | H | 44.9 | -50.4 | -13 | 37.4 | 151 | 0 |
| 7520.501 | H | 40.9 | -54.4 | -13 | 41.4 | 127 | 180.3 |

Test Mode12: LTE Band 17 H channel (vertical)



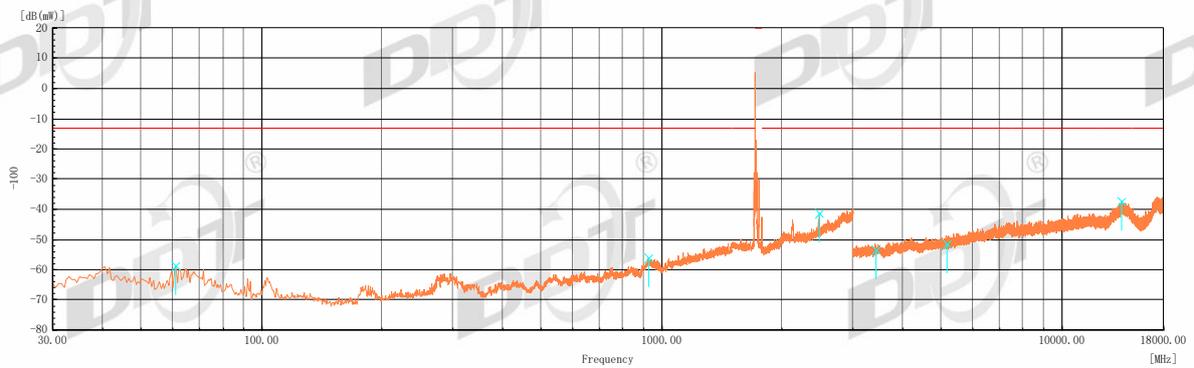
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.95 | V | 25.8 | -69.5 | -13 | 56.5 | 159 | 179.9 |
| 212.15 | V | 39.3 | -56 | -13 | 43 | 102 | 179.9 |
| 636.35 | V | 46.1 | -49.2 | -13 | 36.2 | 167 | 179.9 |
| 865.668 | V | 51.4 | -43.9 | -13 | 30.9 | 104 | 359.9 |
| 1939.2 | V | 43.7 | -51.6 | -13 | 38.6 | 156 | 134.6 |
| 1422 | V | 29.9 | -65.4 | -13 | 52.4 | 147 | 359.9 |
| 2120 | V | 54.4 | -40.9 | -13 | 27.9 | 115 | 134.6 |
| 7377.501 | V | 41.5 | -53.8 | -13 | 40.8 | 143 | 224.8 |

Test Mode13: LTE Band 66 L channel (horizontal)



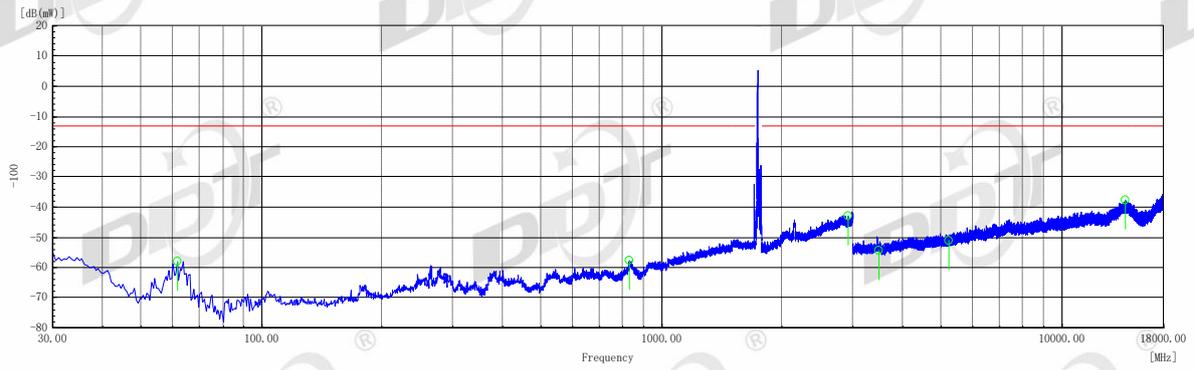
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61.5 | H | 37.3 | -58 | -13 | 45 | 159 | 225.5 |
| 285 | H | 38.7 | -56.6 | -13 | 43.6 | 102 | 180.6 |
| 1961.775 | H | 52.9 | -42.4 | -13 | 29.4 | 176 | 90.3 |
| 2411.068 | H | 51.5 | -43.8 | -13 | 30.8 | 150 | 90.3 |
| 3440 | H | 42.1 | -53.2 | -13 | 40.2 | 136 | 225.5 |
| 5160 | H | 44.6 | -50.7 | -13 | 37.7 | 106 | 90.3 |
| 11612.5 | H | 53.7 | -41.6 | -13 | 28.6 | 104 | 315.6 |

Test Mode13: LTE Band 66 L channel (vertical)



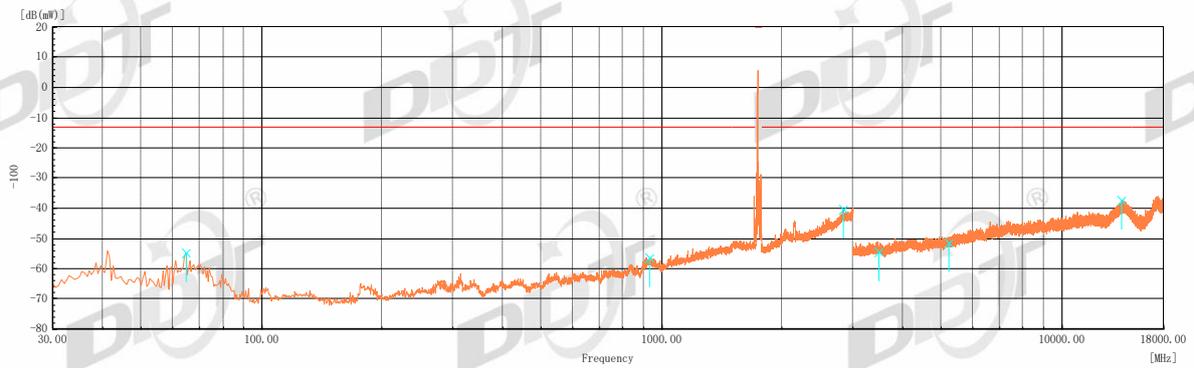
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61 | V | 36.6 | -58.7 | -13 | 45.7 | 127 | 179.6 |
| 928.5 | V | 39.2 | -56.1 | -13 | 43.1 | 119 | 45 |
| 2472.803 | V | 53.9 | -41.4 | -13 | 28.4 | 140 | 134.3 |
| 3440 | V | 42.0 | -53.3 | -13 | 40.3 | 170 | 179.6 |
| 5160 | V | 43.8 | -51.5 | -13 | 38.5 | 156 | 89.1 |
| 14130.5 | V | 58.0 | -37.3 | -13 | 24.3 | 155 | 89.1 |

Test Mode13: LTE Band 66 M channel (horizontal)



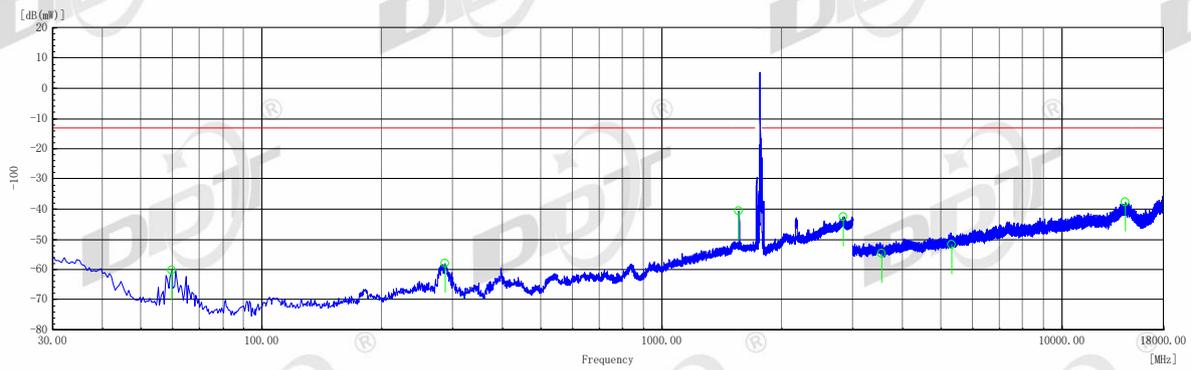
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 61.5 | H | 37.2 | -58.1 | -13 | 45.1 | 114 | 45 |
| 828 | H | 37.5 | -57.8 | -13 | 44.8 | 161 | 315.6 |
| 2930.426 | H | 52.5 | -42.8 | -13 | 29.8 | 172 | 135.1 |
| 3490 | H | 40.9 | -54.4 | -13 | 41.4 | 158 | 180 |
| 5235 | H | 44.2 | -51.1 | -13 | 38.1 | 104 | 315.6 |
| 14416.5 | H | 57.5 | -37.8 | -13 | 24.8 | 115 | 315.6 |

Test Mode13: LTE Band 66 M channel (vertical)



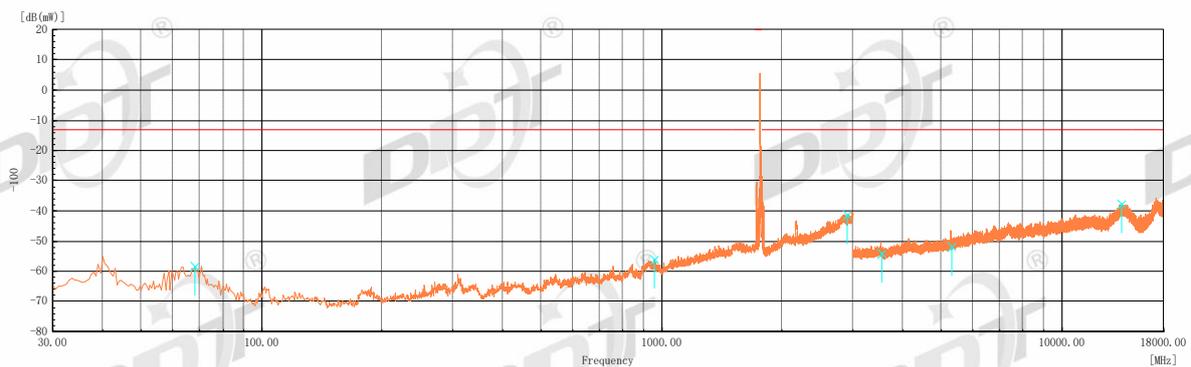
| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 64.5 | V | 40.4 | -54.9 | -13 | 41.9 | 113 | 180 |
| 932.5 | V | 38.9 | -56.4 | -13 | 43.4 | 174 | 135.2 |
| 2848.113 | V | 54.9 | -40.4 | -13 | 27.4 | 177 | 224.1 |
| 3490 | V | 41.0 | -54.3 | -13 | 41.3 | 132 | 224.1 |
| 5235 | V | 43.8 | -51.5 | -13 | 38.5 | 100 | 0.1 |
| 14151 | V | 58.0 | -37.3 | -13 | 24.3 | 173 | 269.9 |

Test Mode13: LTE Band 66 H channel (horizontal)



| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 59.5 | H | 35.0 | -60.3 | -13 | 47.3 | 151 | 45.3 |
| 287 | H | 37.1 | -58.2 | -13 | 45.2 | 134 | 179.8 |
| 1561.5 | H | 54.6 | -40.7 | -13 | 27.7 | 158 | 225.5 |
| 2845.173 | H | 52.6 | -42.7 | -13 | 29.7 | 147 | 315.3 |
| 3540 | H | 40.5 | -54.8 | -13 | 41.8 | 178 | 225.5 |
| 5310 | H | 43.6 | -51.7 | -13 | 38.7 | 161 | 315.3 |
| 14394 | H | 57.6 | -37.7 | -13 | 24.7 | 173 | 315.3 |

Test Mode13: LTE Band 66 H channel (vertical)



| Frequency [MHz] | Pol | Level [dBμV/m] | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 68 | V | 37.1 | -58.2 | -13 | 45.2 | 169 | 224.7 |
| 959.5 | V | 39.2 | -56.1 | -13 | 43.1 | 129 | 134.5 |
| 2914.257 | V | 54.1 | -41.2 | -13 | 28.2 | 141 | 89.2 |
| 3540 | V | 41.3 | -54 | -13 | 41 | 164 | 0.1 |
| 5310 | V | 43.5 | -51.8 | -13 | 38.8 | 150 | 270 |
| 14142.5 | V | 57.7 | -37.6 | -13 | 24.6 | 173 | 179.8 |

Note:

- 1) The disturbance above 18GHz and below 30MHz was very low at band GSM1900 and WCDMA Band II/ IV and LTE Band2/4/7/66, and the above harmonics are the highest points could be found when testing, so only the worst case data had been displayed.
- 2) GSM850 and WCDMA Band V and LTE Band5/12/13/17 working frequency lower than 1GHz, only test the tenth harmonic of the highest fundamental frequency. And the disturbance below 30MHz was very low, and the above harmonics are the highest points could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and Bandwidth, but only the worst case data presented in this report.

7. Appendixes

The below appendixes were details results tested and supported by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch (Date of Test: 2019/7/31 ~2019/8/26).

All appendixes were cited in this report.

| Appendix | Item |
|---------------|------------------------|
| Appendix B.1 | GSM850 & GSM1900 |
| Appendix B.2 | WCDMA BAND II & IV & V |
| Appendix B.3 | LTE Band 2 |
| Appendix B.4 | LTE Band 4 |
| Appendix B.5 | LTE Band 5 |
| Appendix B.6 | LTE Band 7 |
| Appendix B.7 | LTE Band 12 |
| Appendix B.8 | LTE Band 13 |
| Appendix B.9 | LTE Band 17 |
| Appendix B.10 | LTE Band 66 |