

No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China. Tel: (0769)-8318-3000 Fax:(0769)-8319-6000 Post Code: 523792 www.newbtl.com



Temperature:

52 %

Humidity:

Site: DG-CB12

Limit: EN 300 220/440 RX BELOW 1G

EUT: M/N: RFM210LCF

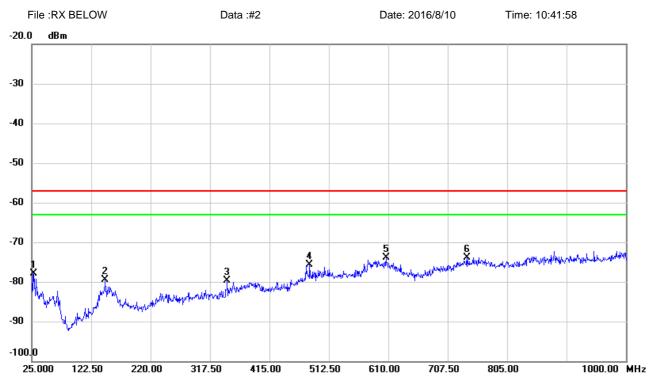
Note: 1#

Polarization: Horizontal

Power: DC 3V

Distance: 3m Mode: 433.92

## **Radiated Emission Measurement**



| No. | Mk. | Freq.    | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Margin |          |         |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
|     |     | MHz      | dBm              | dB                | dBm              | dBm    | dB     | Detector | Comment |
| 1   |     | 28.8021  | -76.96           | -0.85             | -77.81           | -57.00 | -20.81 | peak     |         |
| 2   |     | 145.2175 | -78.83           | -0.69             | -79.52           | -57.00 | -22.52 | peak     |         |
| 3   |     | 346.0673 | -78.89           | -0.72             | -79.61           | -57.00 | -22.61 | peak     |         |
| 4   |     | 480.6175 | -79.14           | 3.39              | -75.75           | -57.00 | -18.75 | peak     |         |
| 5   |     | 606.6850 | -81.53           | 7.61              | -73.92           | -57.00 | -16.92 | peak     |         |
| 6   | *   | 739.0900 | -82.36           | 8.51              | -73.85           | -57.00 | -16.85 | peak     |         |

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only} \)

File: RX BELOW\Data:#2 Page: 1 Test engineer: KRAIN



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Site: DG-CB12 Polarization: Vertical Temperature: 28

Limit: EN 300 220/440 RX BELOW 1G Power: DC 3V Humidity: 52 %

EUT: Distance: 3m M/N: RFM210LCF Mode: 433.92

Note: 1#

-100.0 25.000

122.50

220.00

317.50

415.00

## 

| No. | Mk. | Freq.    | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Margin |          |         |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| -   |     | MHz      | dBm              | dB                | dBm              | dBm    | dB     | Detector | Comment |
| 1   |     | 55.3224  | -81.06           | -0.58             | -81.64           | -57.00 | -24.64 | peak     |         |
| 2   | 1   | 143.2675 | -79.46           | -0.68             | -80.14           | -57.00 | -23.14 | peak     |         |
| 3   | 3   | 322.9600 | -80.38           | -0.55             | -80.93           | -57.00 | -23.93 | peak     |         |
| 4   | 4   | 177.4975 | -80.76           | 3.46              | -77.30           | -57.00 | -20.30 | peak     |         |
| 5   | 5   | 596.3500 | -82.33           | 7.01              | -75.32           | -57.00 | -18.32 | peak     |         |
| 6   | * 8 | 340.9773 | -82.16           | 9.10              | -73.06           | -57.00 | -16.06 | peak     |         |

512.50

610.00

707.50

805.00

1000.00 MHz

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only} \)

File :RX BELOW\Data :#1 Page: 1 Test engineer : KRAIN



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Temperature:

52 %

Humidity:

Site: DG-CB12

Limit: EN 300 220/440 RX ABOVE 1G

EUT: M/N: RFM210LCF

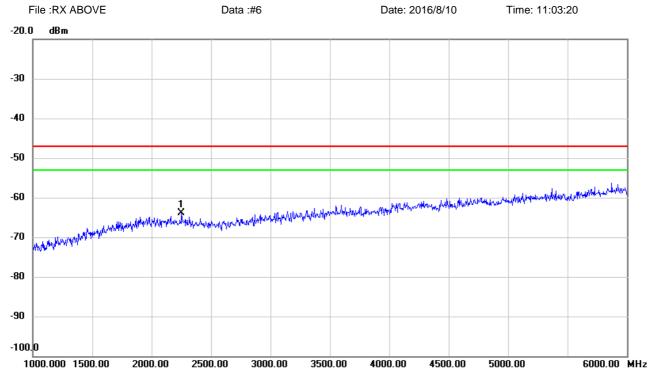
Note: 1#

Polarization: Horizontal

Power: DC 3V

Distance: 1m Mode: 433.92

## **Radiated Emission Measurement**



| No. M | k. Freq  |          | Correct<br>Factor | Measure-<br>ment | Limit  | Margin |          |         |
|-------|----------|----------|-------------------|------------------|--------|--------|----------|---------|
|       | MHz      | dBm      | dB                | dBm              | dBm    | dB     | Detector | Comment |
| 1 *   | 2252.333 | 3 -63.07 | -0.82             | -63.89           | -47.00 | -16.89 | peak     |         |

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only} \)

File :RX ABOVE\Data :#6 Page: 1 Test engineer : KRAIN



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Site: DG-CB12 Polarization: Vertical Temperature:

Limit: EN 300 220/440 RX ABOVE 1G Power: DC 3V Humidity: 52 %

EUT: Distance: 1m M/N: RFM210LCF Mode: 433.92

Note: 1#

## **Radiated Emission Measurement** Data:#5 File: RX ABOVE Date: 2016/8/10 Time: 11:02:28 -20.0 dBm -30 -40 -50 -60 -70 -80 -90 -100.0 3000.00 3500.00 1000.000 1500.00 2000.00 2500.00 4000.00 4500.00 5000.00 6000.00 MHz

| No. Mk | lk. | Freq.   | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Margin |          |         |
|--------|-----|---------|------------------|-------------------|------------------|--------|--------|----------|---------|
|        |     | MHz     | dBm              | dB                | dBm              | dBm    | dB     | Detector | Comment |
| 1 *    | 17  | 746.667 | -63.27           | -2.18             | -65.45           | -47.00 | -18.45 | peak     |         |

\*:Maximum data x:Over limit !:over margin \( \text{Reference Only} \)

File: RX ABOVE\Data:#5 Page: 1 Test engineer: KRAIN