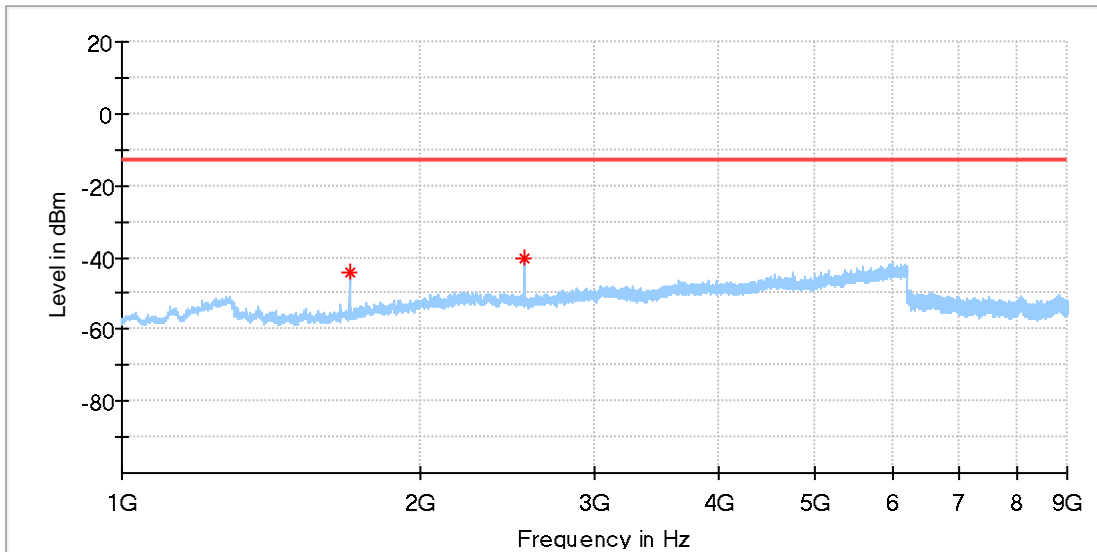


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EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_EGPRS850_High |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1697.000000 | -43.91 | -- | -13.00 | 30.91 | 100.0 | H | 2.0 | -92.4 |
| 2546.000000 | -40.38 | -- | -13.00 | 27.38 | 100.0 | H | 296.0 | -88.3 |

Final Result

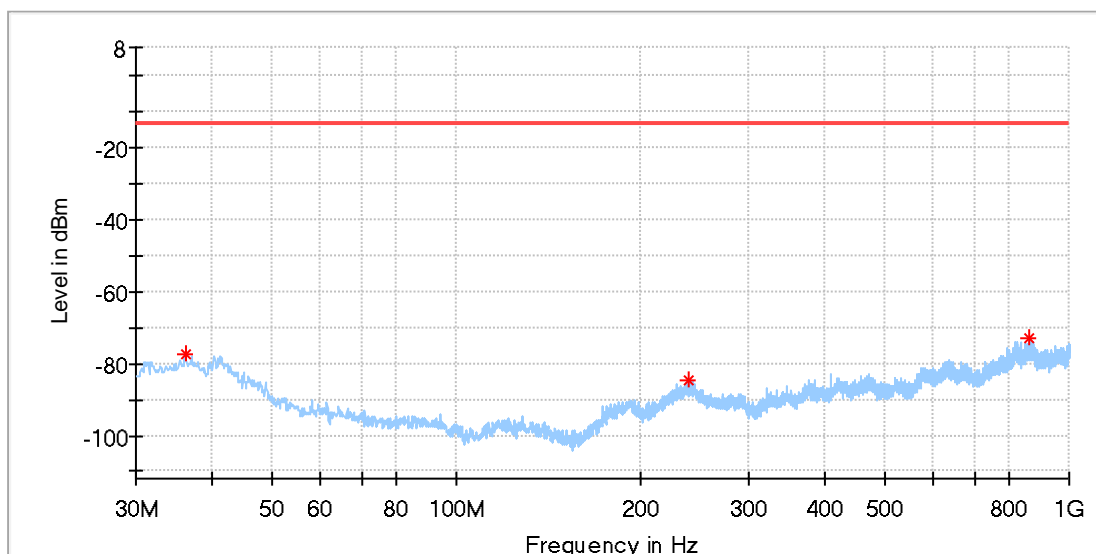
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

1.2 LTE CAT M1

Band 2

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

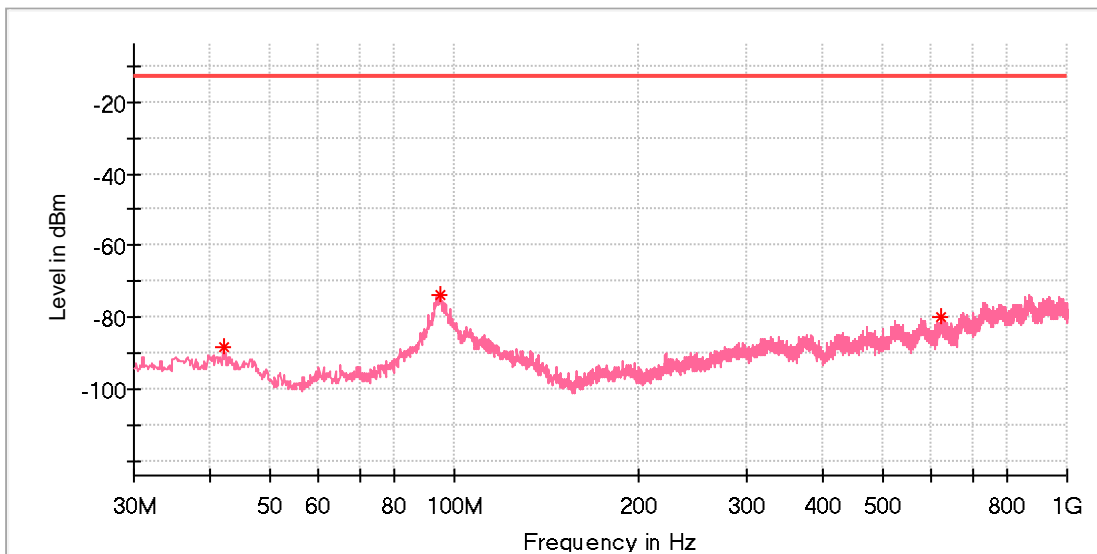
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 36.183750 | -77.46 | -- | -13.00 | 64.46 | 100.0 | H | 11.0 | -113.5 |
| 238.792500 | -84.68 | -- | -13.00 | 71.68 | 100.0 | H | 109.0 | -110.7 |
| 859.350000 | -72.98 | -- | -13.00 | 59.98 | 100.0 | H | 209.0 | -99.5 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_QPSK_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

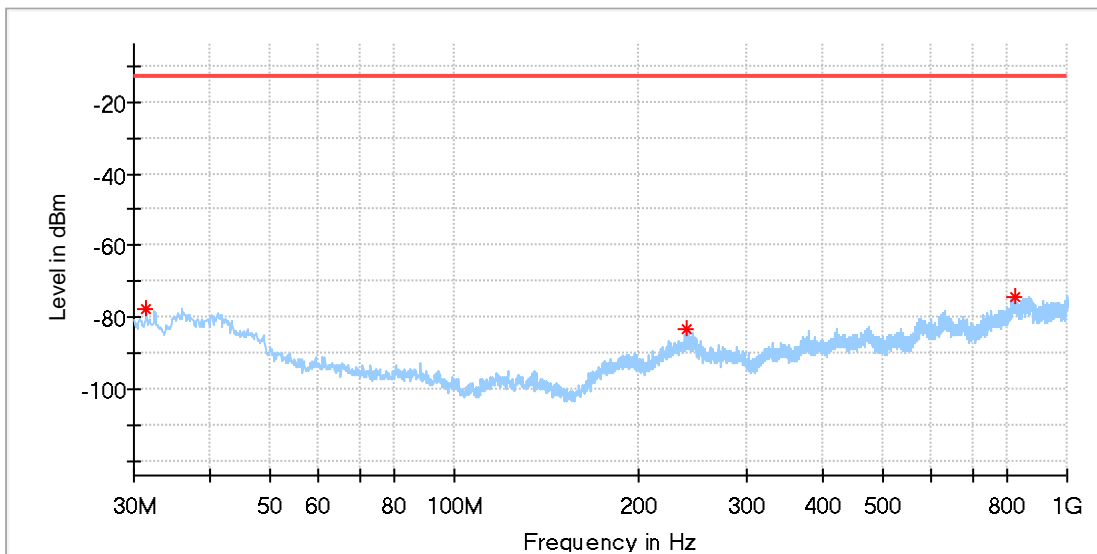
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 42.003750 | -88.40 | -- | -13.00 | 75.40 | 100.0 | V | 0.0 | -123.4 |
| 94.868750 | -73.55 | -- | -13.00 | 60.55 | 100.0 | V | 23.0 | -99.8 |
| 622.912500 | -80.06 | -- | -13.00 | 67.06 | 100.0 | V | 151.0 | -106.4 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

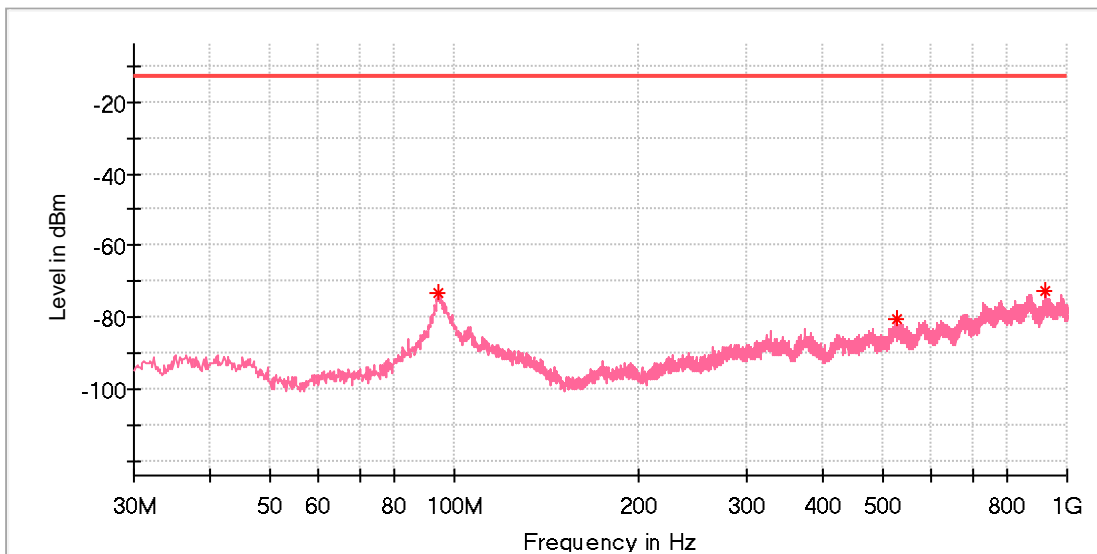
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 31.455000 | -77.90 | -- | -13.00 | 64.90 | 100.0 | H | 152.0 | -116.3 |
| 239.762500 | -83.44 | -- | -13.00 | 70.44 | 100.0 | H | 354.0 | -110.5 |
| 820.550000 | -74.27 | -- | -13.00 | 61.27 | 100.0 | H | 152.0 | -100.5 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_QPSK_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

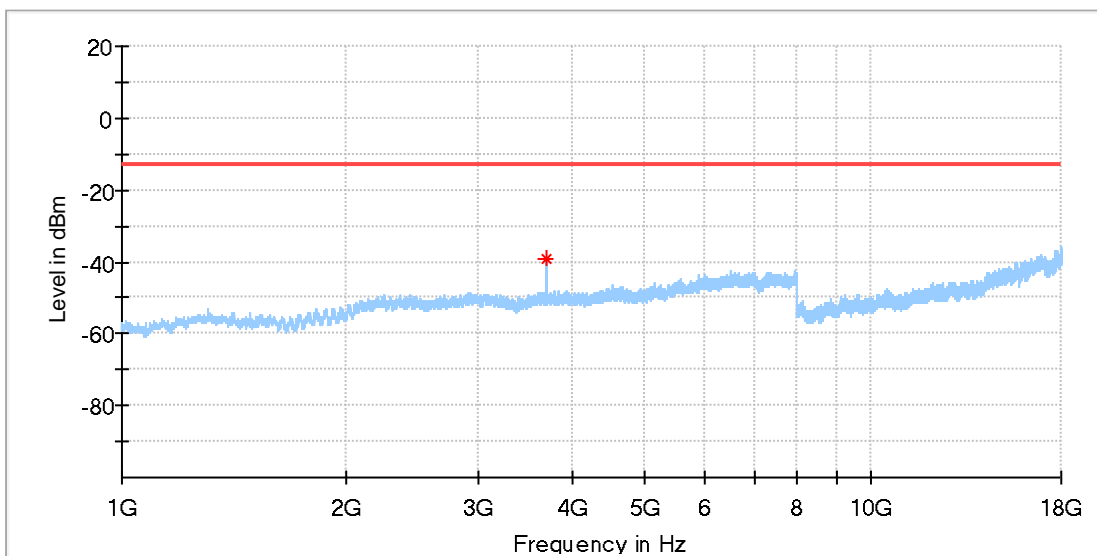
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 94.383750 | -73.04 | -- | -13.00 | 60.04 | 100.0 | V | 355.0 | -99.7 |
| 525.548750 | -80.53 | -- | -13.00 | 67.53 | 100.0 | V | 126.0 | -107.8 |
| 920.338750 | -72.42 | -- | -13.00 | 59.42 | 100.0 | V | 141.0 | -100.3 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

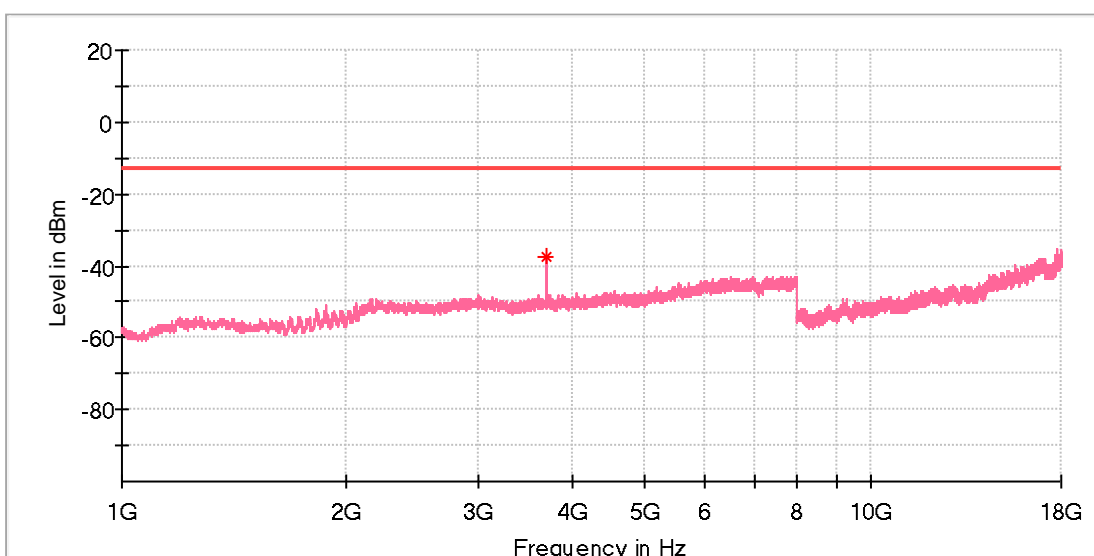
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3700.000000 | -39.17 | -- | -13.00 | 26.17 | 100.0 | H | 348.0 | -86.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

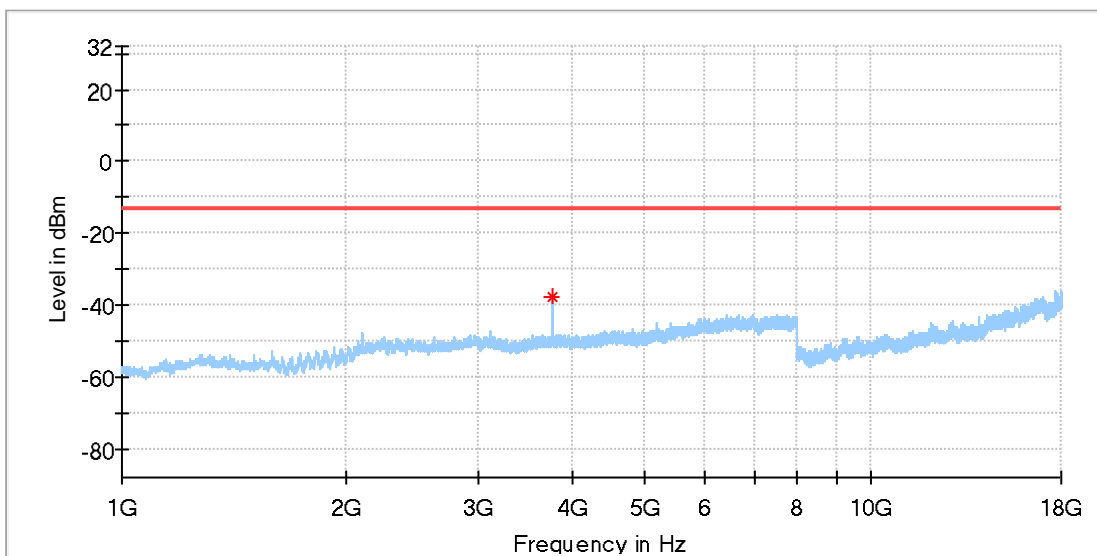
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3700.500000 | -37.24 | -- | -13.00 | 24.24 | 100.0 | V | 2.0 | -86.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

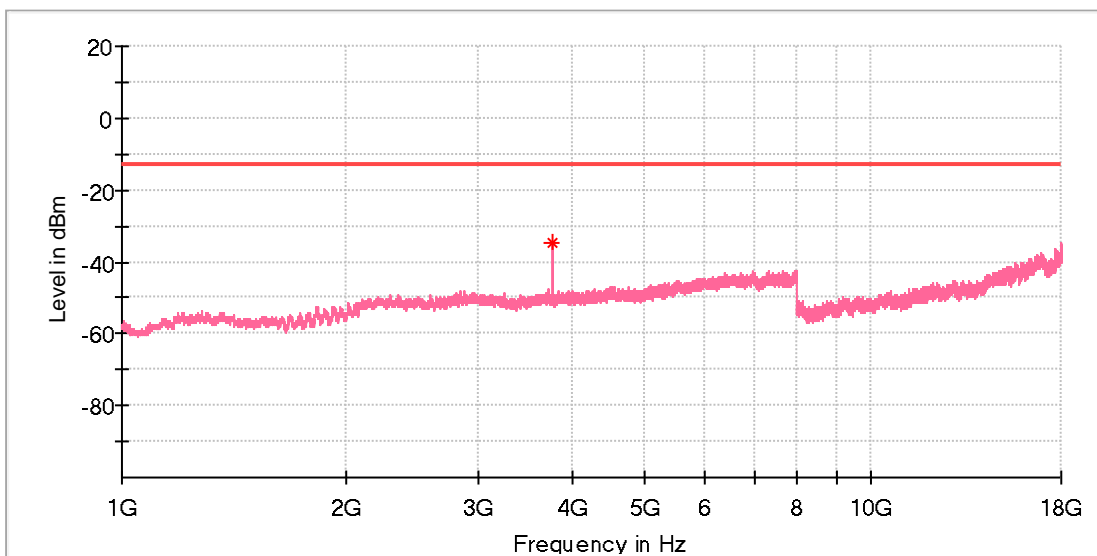
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3759.000000 | -37.56 | -- | -13.00 | 24.56 | 100.0 | H | 201.0 | -86.6 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

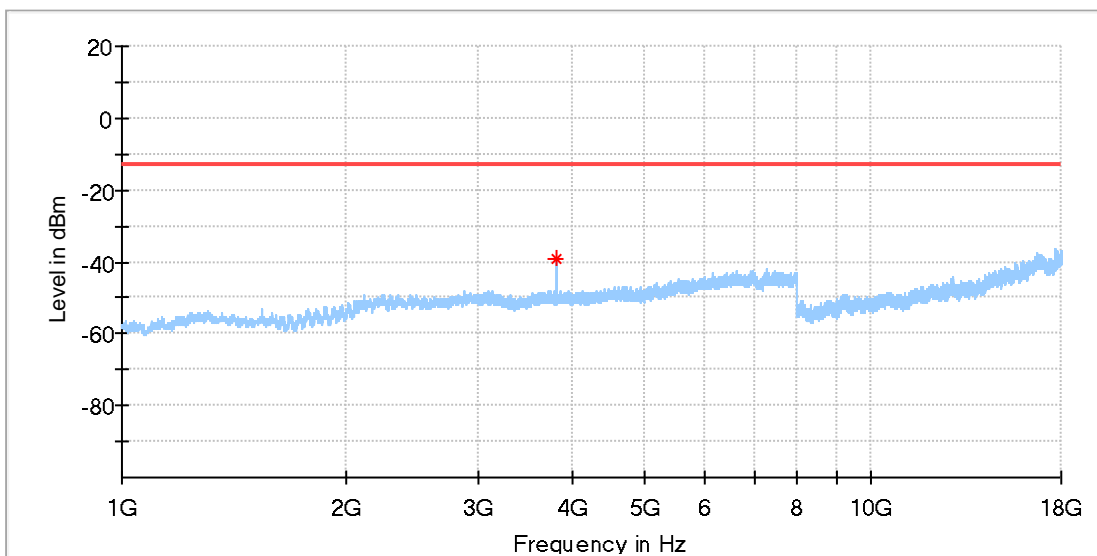
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3759.000000 | -34.93 | -- | -13.00 | 21.93 | 100.0 | V | 75.0 | -86.9 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@5_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

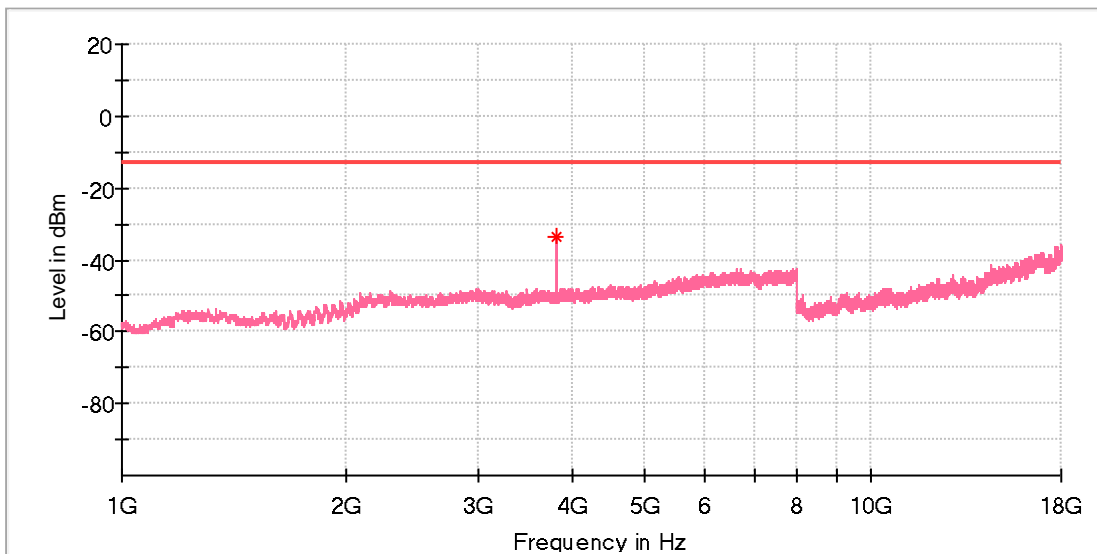
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3817.500000 | -39.06 | -- | -13.00 | 26.06 | 100.0 | H | 308.0 | -86.8 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@5_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

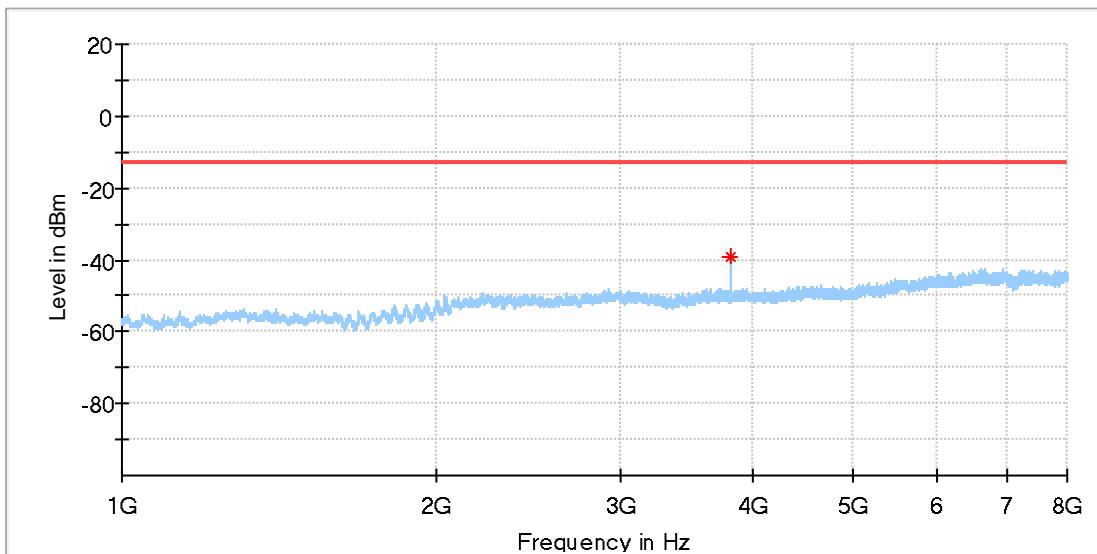
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3817.500000 | -33.78 | -- | -13.00 | 20.78 | 100.0 | V | 67.0 | -87.0 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

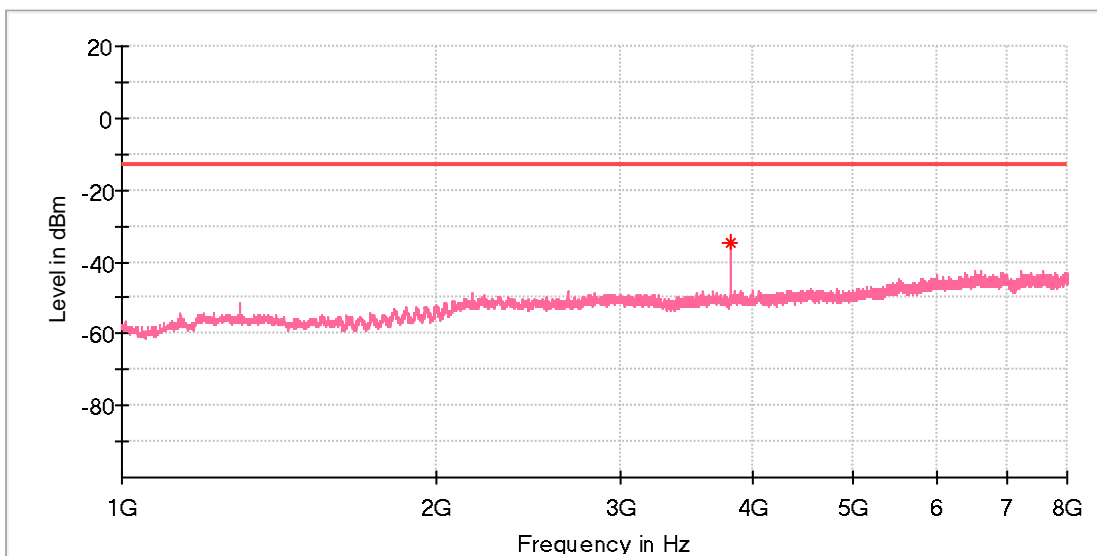
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3816.000000 | -39.05 | -- | -13.00 | 26.05 | 100.0 | H | 304.0 | -86.8 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

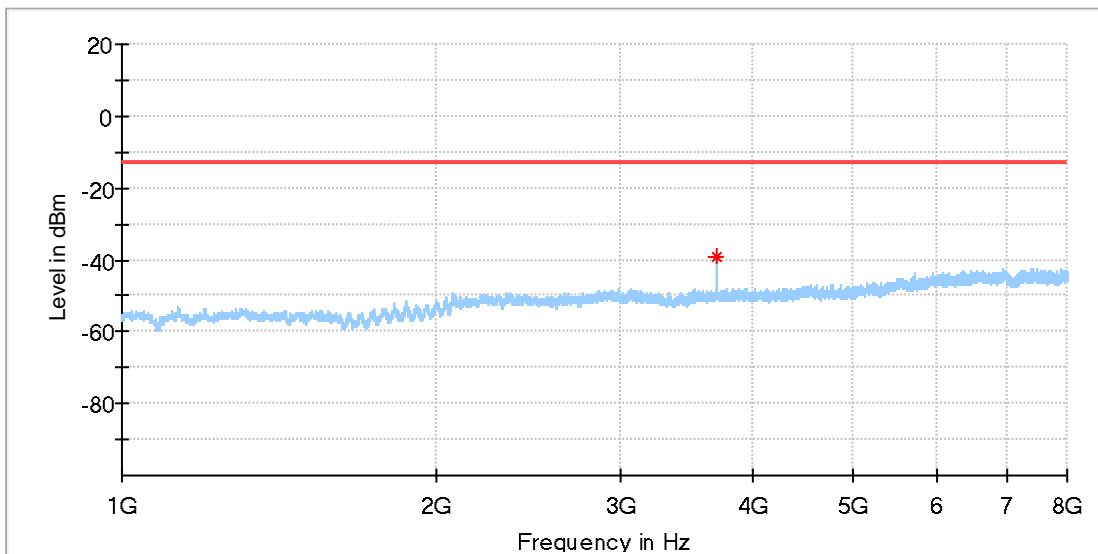
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3817.000000 | -34.74 | -- | -13.00 | 21.74 | 100.0 | V | 355.0 | -87.0 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

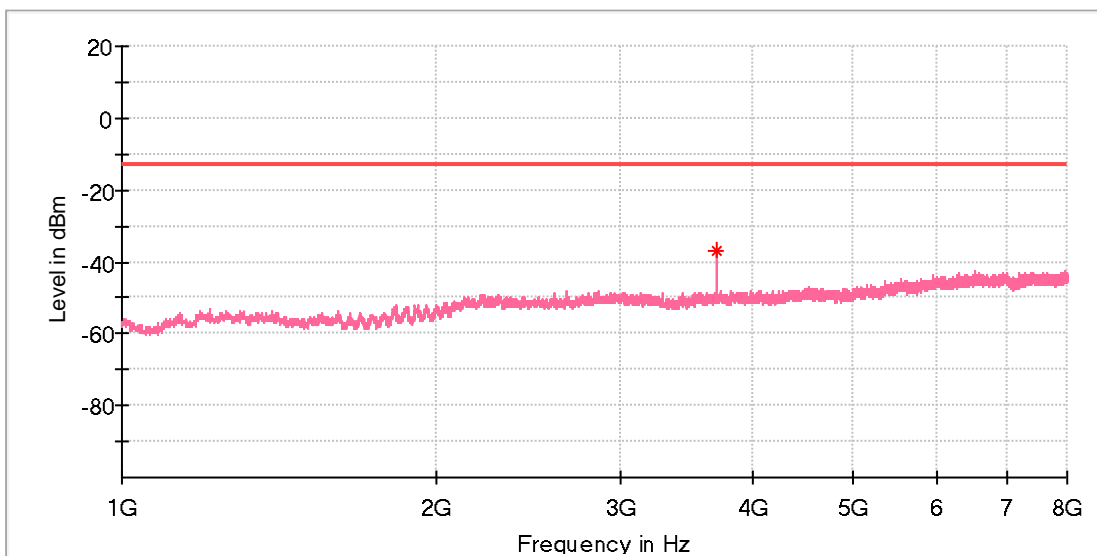
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3700.500000 | -38.93 | -- | -13.00 | 25.93 | 100.0 | H | 66.0 | -86.7 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

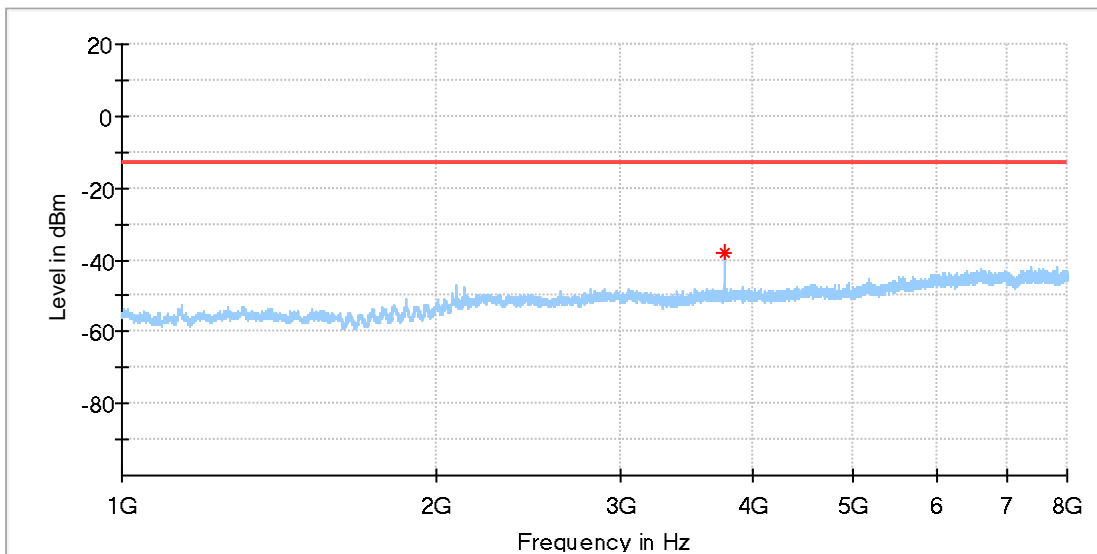
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3700.500000 | -36.73 | -- | -13.00 | 23.73 | 100.0 | V | 1.0 | -86.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_16QAM_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

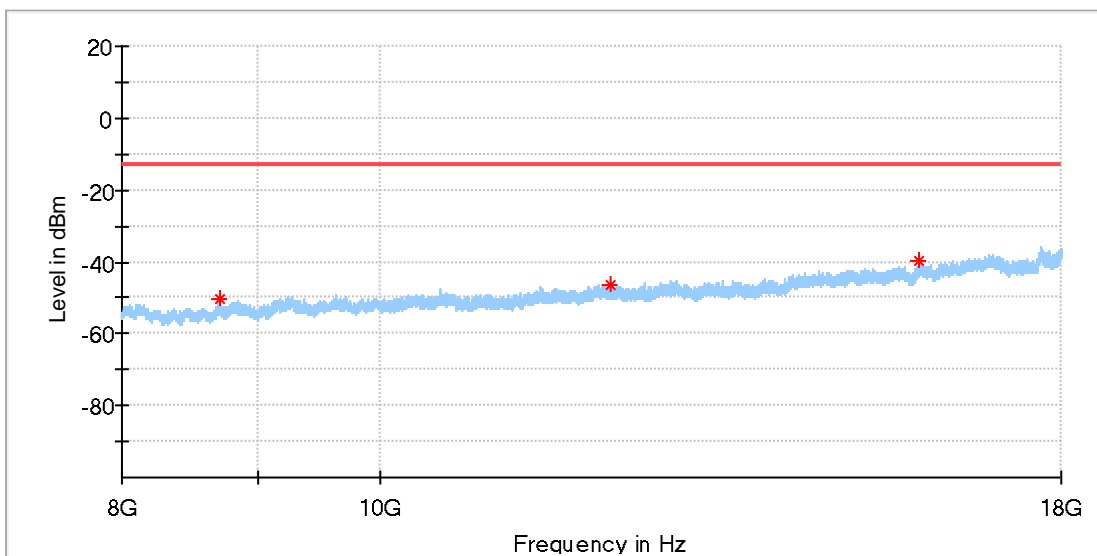
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3759.000000 | -38.00 | -- | -13.00 | 25.00 | 100.0 | H | 290.0 | -86.6 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_16QAM_1@0_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 24 and RSS-133 Issue 6 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

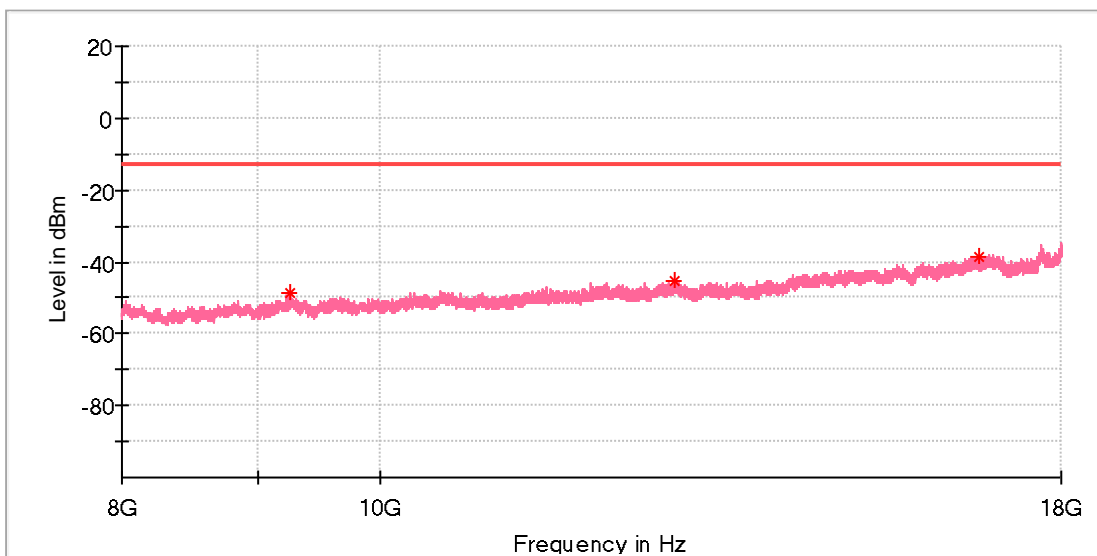
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 8701.500000 | -50.08 | -- | -13.00 | 37.08 | 100.0 | H | 145.0 | -86.0 |
| 12192.000000 | -46.36 | -- | -13.00 | 33.36 | 100.0 | H | 68.0 | -80.6 |
| 15912.000000 | -39.92 | -- | -13.00 | 26.92 | 100.0 | H | 34.0 | -76.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

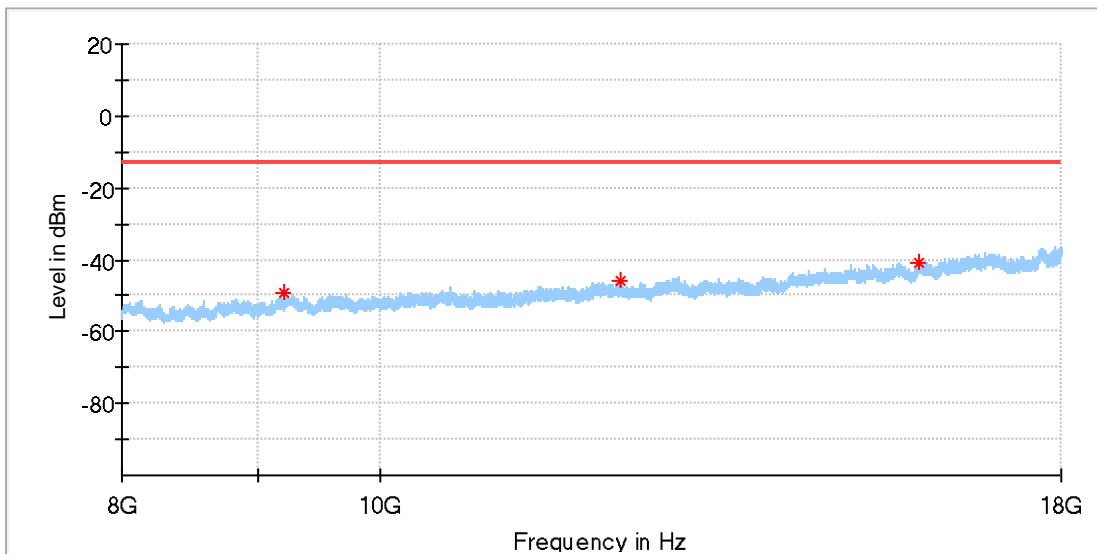
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9254.000000 | -48.66 | -- | -13.00 | 35.66 | 100.0 | V | 319.0 | -83.9 |
| 12900.500000 | -45.07 | -- | -13.00 | 32.07 | 100.0 | V | 143.0 | -78.2 |
| 16755.500000 | -38.60 | -- | -13.00 | 25.60 | 100.0 | V | 116.0 | -74.3 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

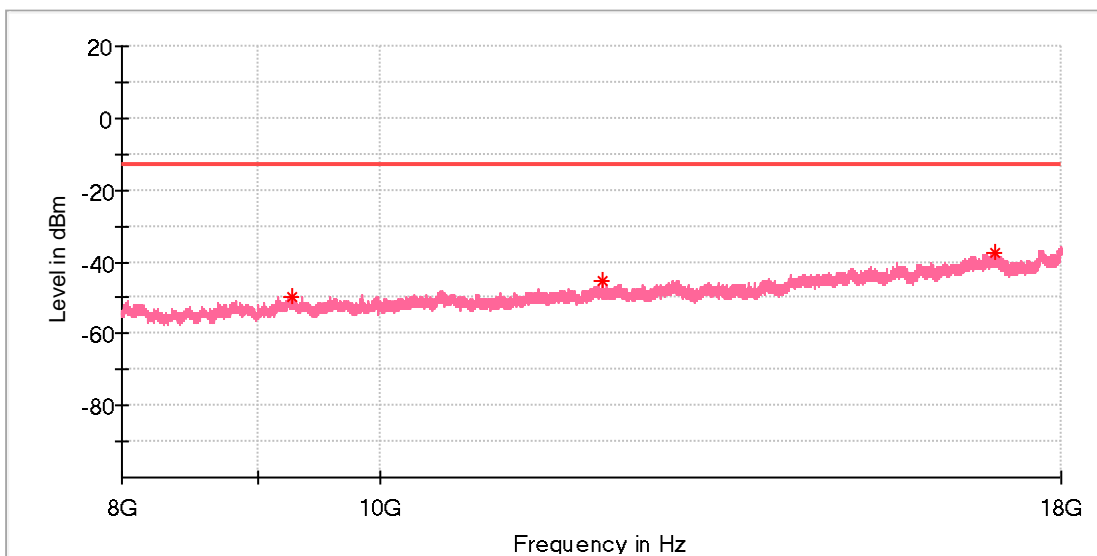
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9196.000000 | -49.15 | -- | -13.00 | 36.15 | 100.0 | H | 296.0 | -84.3 |
| 12310.000000 | -45.96 | -- | -13.00 | 32.96 | 100.0 | H | 49.0 | -80.1 |
| 15931.000000 | -40.74 | -- | -13.00 | 27.74 | 100.0 | H | 0.0 | -76.6 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

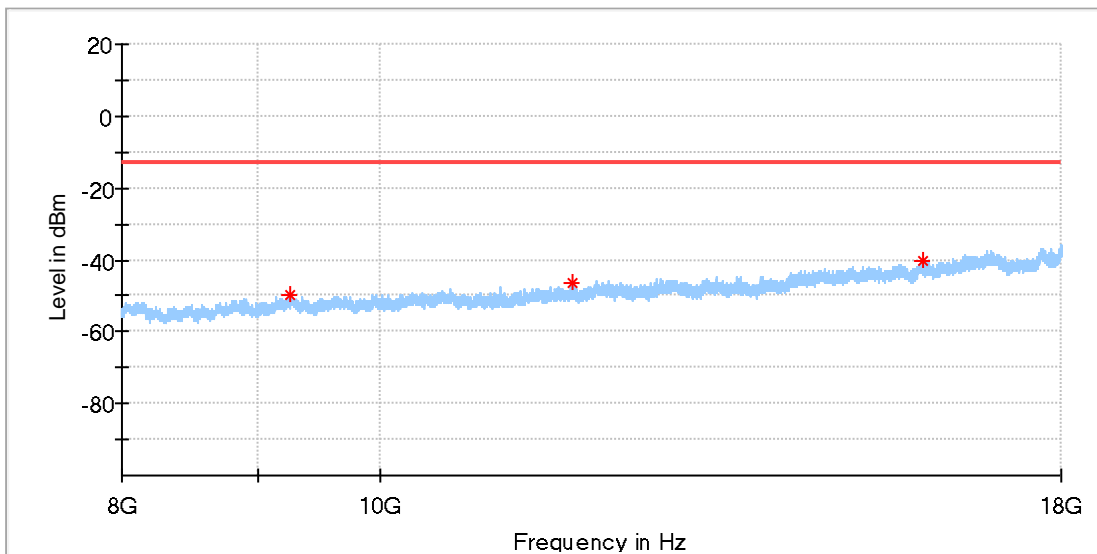
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9265.500000 | -49.78 | -- | -13.00 | 36.78 | 100.0 | V | 299.0 | -84.0 |
| 12119.500000 | -45.49 | -- | -13.00 | 32.49 | 100.0 | V | 277.0 | -80.8 |
| 16997.500000 | -37.56 | -- | -13.00 | 24.56 | 100.0 | V | 256.0 | -72.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-133 Issue 6
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9258.500000 | -49.56 | -- | -13.00 | 36.56 | 100.0 | H | 161.0 | -84.0 |
| 11796.500000 | -46.37 | -- | -13.00 | 33.37 | 100.0 | H | 0.0 | -81.9 |
| 15970.500000 | -40.37 | -- | -13.00 | 27.37 | 100.0 | H | 216.0 | -76.7 |

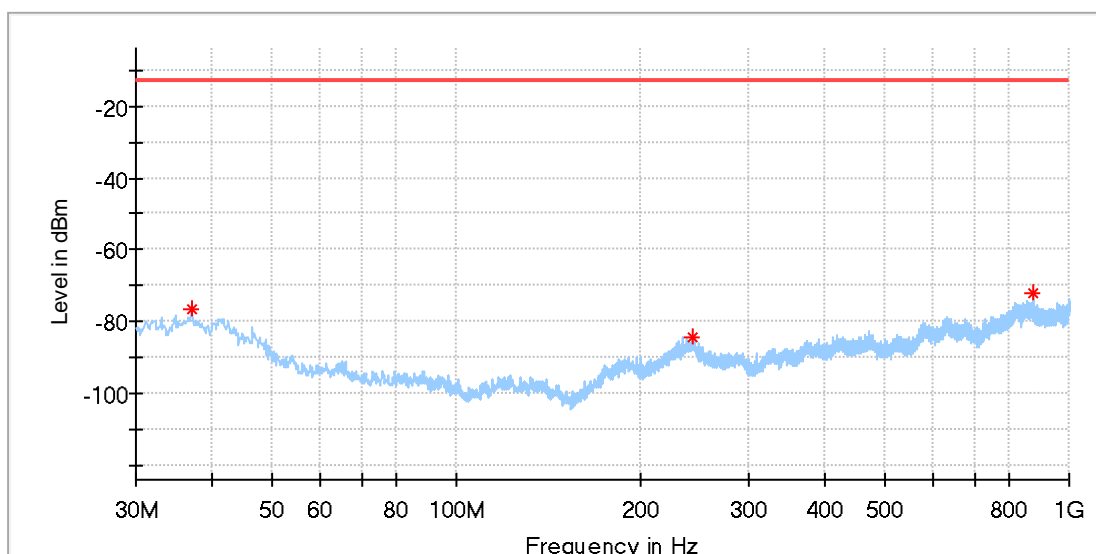
Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

Band 4

EUT Information

| | |
|----------------|---|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

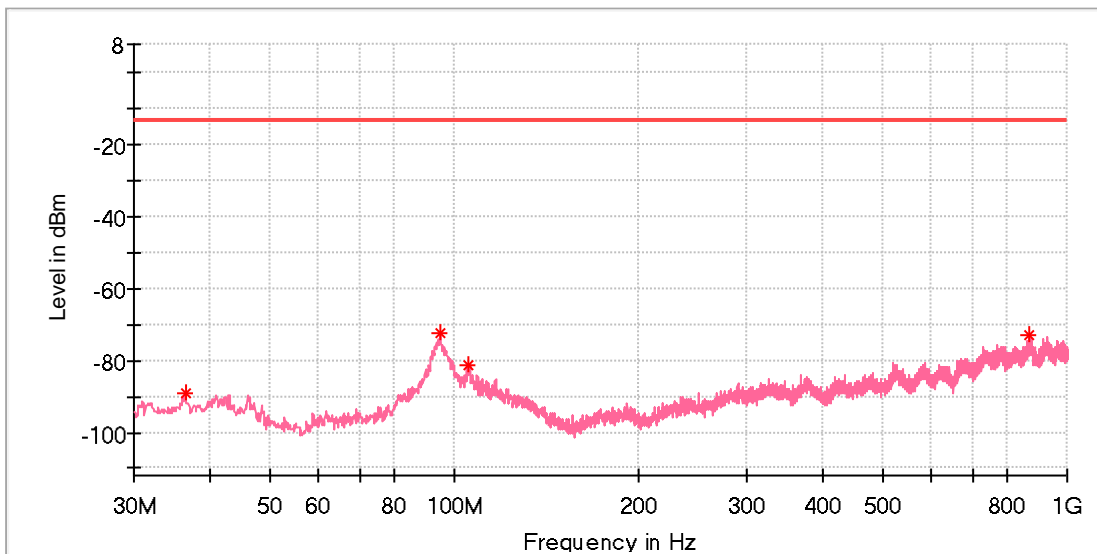
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 36.911250 | -76.37 | -- | -13.00 | 63.37 | 100.0 | H | 13.0 | -113.4 |
| 243.400000 | -84.23 | -- | -13.00 | 71.23 | 100.0 | H | 141.0 | -109.9 |
| 875.355000 | -72.24 | -- | -13.00 | 59.24 | 100.0 | H | 276.0 | -100.9 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_QPSK_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

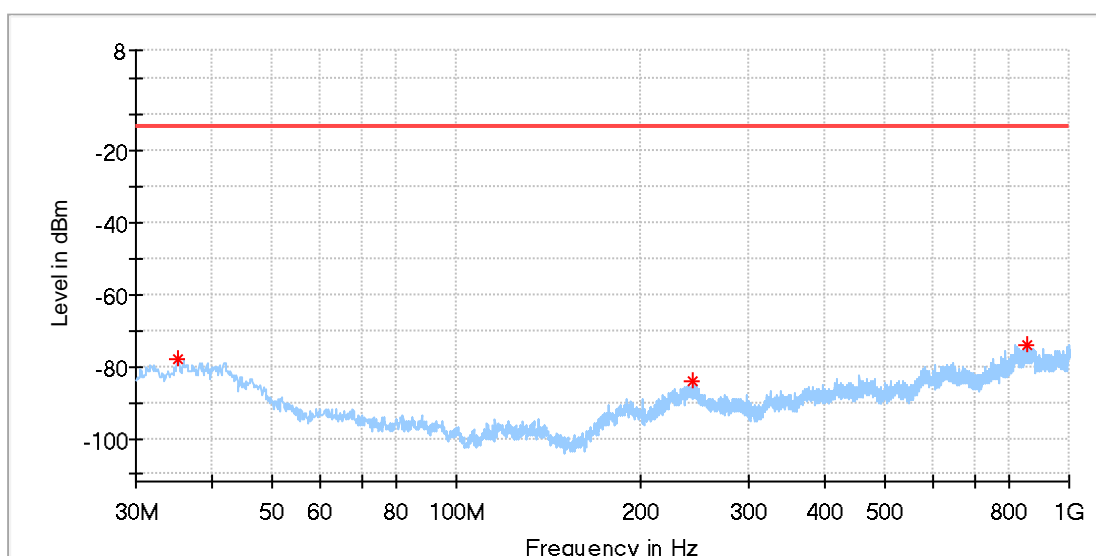
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 36.426250 | -89.36 | -- | -13.00 | 76.36 | 100.0 | V | 241.0 | -125.6 |
| 94.868750 | -72.36 | -- | -13.00 | 59.36 | 100.0 | V | 212.0 | -99.8 |
| 105.538750 | -81.07 | -- | -13.00 | 68.07 | 100.0 | V | 340.0 | -105.7 |
| 868.686250 | -72.94 | -- | -13.00 | 59.94 | 100.0 | V | 17.0 | -99.8 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_QPSK_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

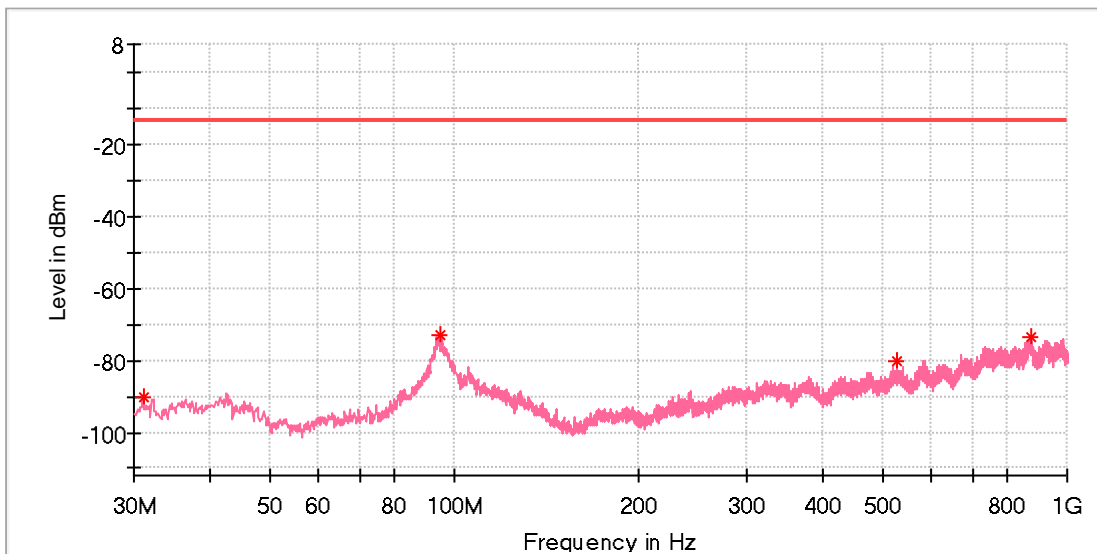
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 35.092500 | -77.84 | -- | -13.00 | 64.84 | 100.0 | H | 302.0 | -114.7 |
| 243.278750 | -84.24 | -- | -13.00 | 71.24 | 100.0 | H | 263.0 | -109.9 |
| 854.136250 | -73.90 | -- | -13.00 | 60.90 | 100.0 | H | 263.0 | -99.2 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

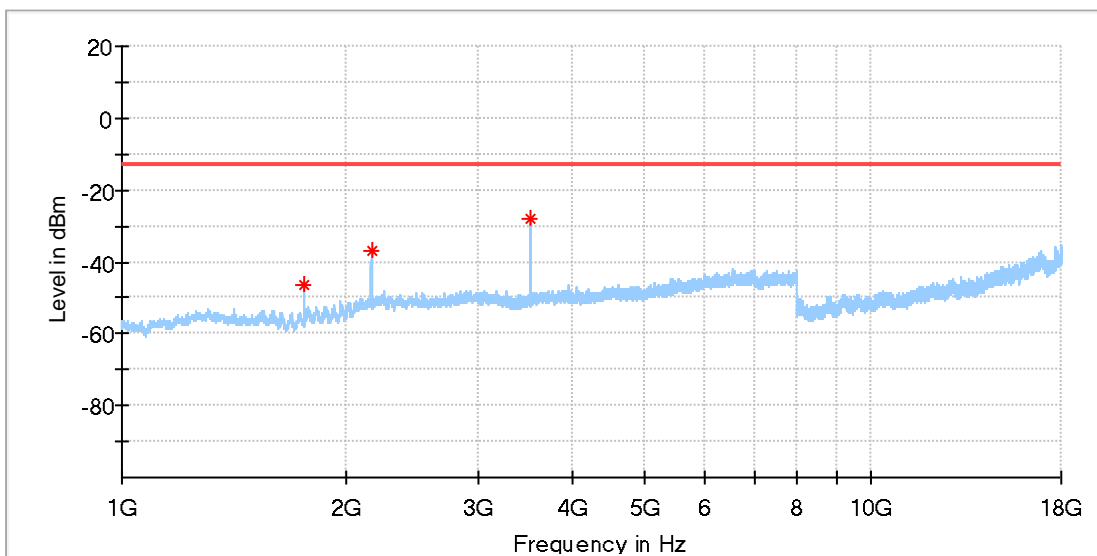
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 31.091250 | -90.34 | -- | -13.00 | 77.34 | 100.0 | V | 149.0 | -128.4 |
| 95.111250 | -73.08 | -- | -13.00 | 60.08 | 100.0 | V | 5.0 | -99.8 |
| 527.610000 | -80.12 | -- | -13.00 | 67.12 | 100.0 | V | 133.0 | -107.8 |
| 872.081250 | -73.22 | -- | -13.00 | 60.22 | 100.0 | V | 347.0 | -100.4 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@5_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

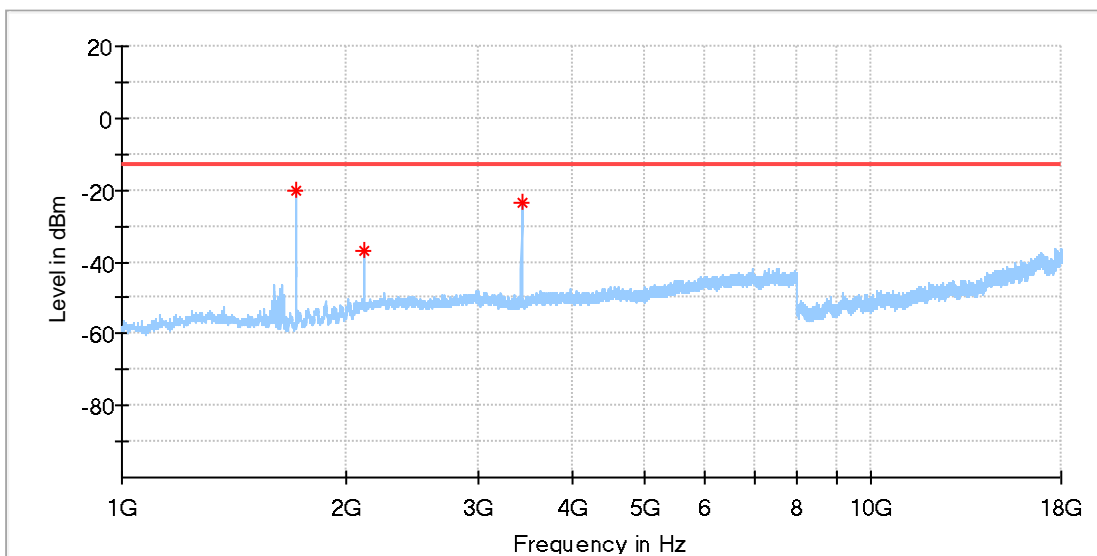
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1753.500000 | -46.16 | -- | -13.00 | 33.16 | 100.0 | H | 98.0 | -91.0 |
| 2154.500000 | -36.88 | -- | -13.00 | 23.88 | 100.0 | H | 268.0 | -88.6 |
| 3507.500000 | -28.05 | -- | -13.00 | 15.05 | 100.0 | H | 313.0 | -87.3 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

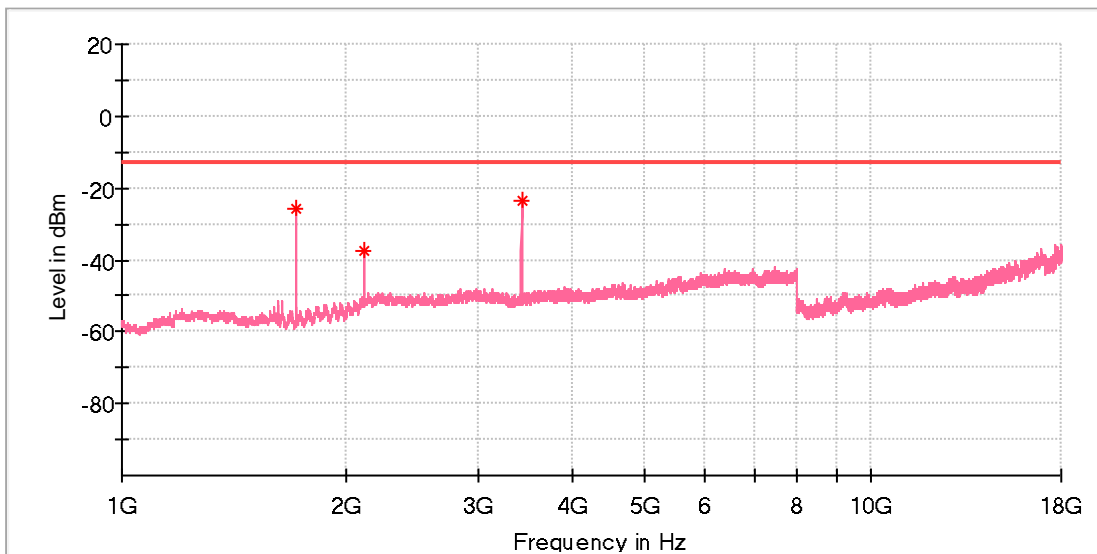
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1710.500000 | -19.94 | -- | -13.00 | 6.94 | 100.0 | H | 68.0 | -92.1 |
| 2110.500000 | -37.07 | -- | -13.00 | 24.07 | 100.0 | H | 151.0 | -89.0 |
| 3420.500000 | -23.68 | -- | -13.00 | 10.68 | 100.0 | H | 336.0 | -87.9 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

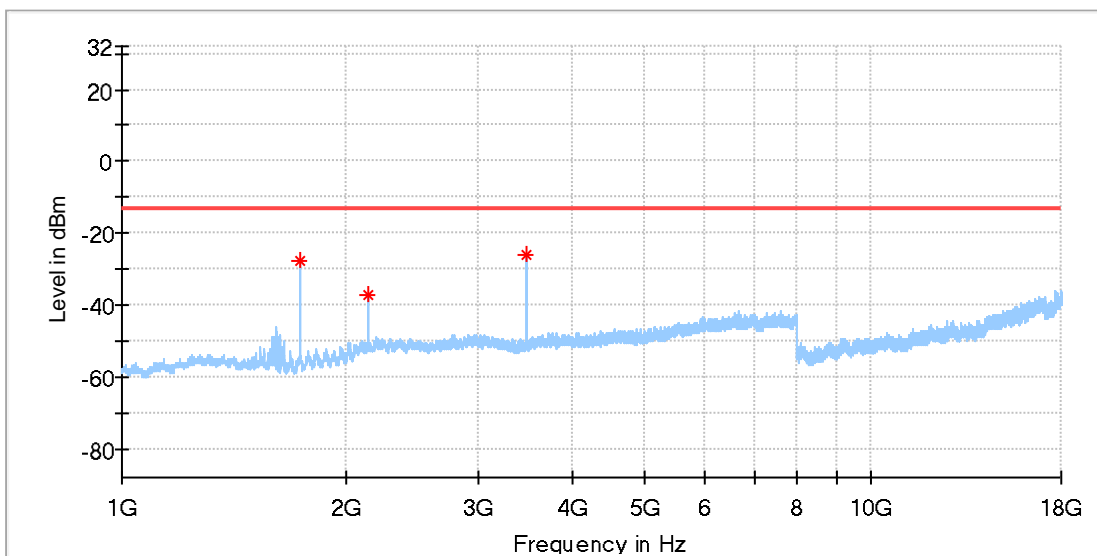
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1710.000000 | -26.02 | -- | -13.00 | 13.02 | 100.0 | V | 298.0 | -91.9 |
| 2111.000000 | -37.48 | -- | -13.00 | 24.48 | 100.0 | V | 228.0 | -88.5 |
| 3420.000000 | -23.77 | -- | -13.00 | 10.77 | 100.0 | V | 85.0 | -87.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

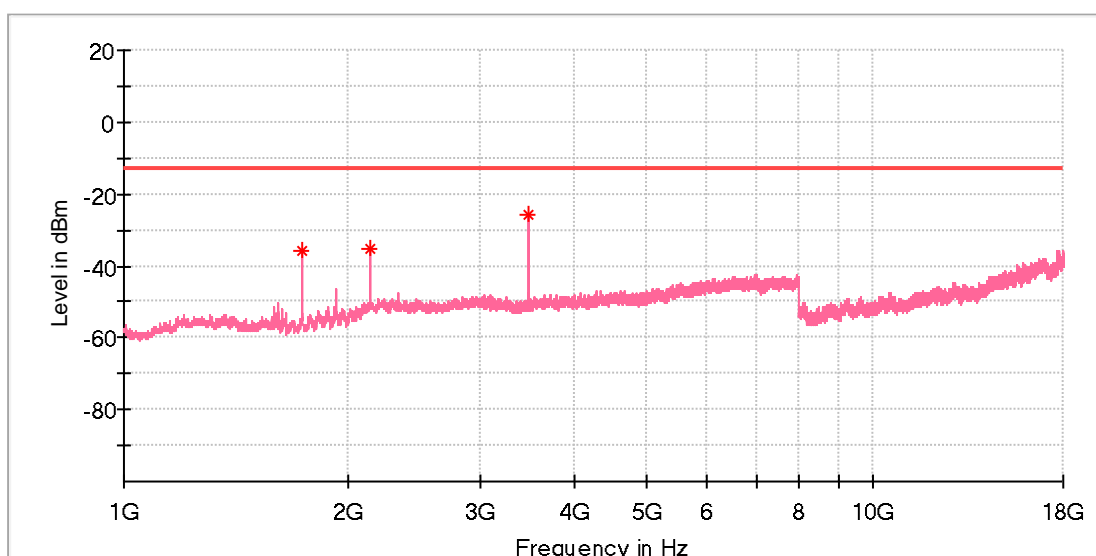
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1732.000000 | -27.95 | -- | -13.00 | 14.95 | 100.0 | H | 68.0 | -91.4 |
| 2132.500000 | -37.44 | -- | -13.00 | 24.44 | 100.0 | H | 228.0 | -88.2 |
| 3464.000000 | -26.21 | -- | -13.00 | 13.21 | 100.0 | H | 343.0 | -88.1 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 23 Humi:42% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

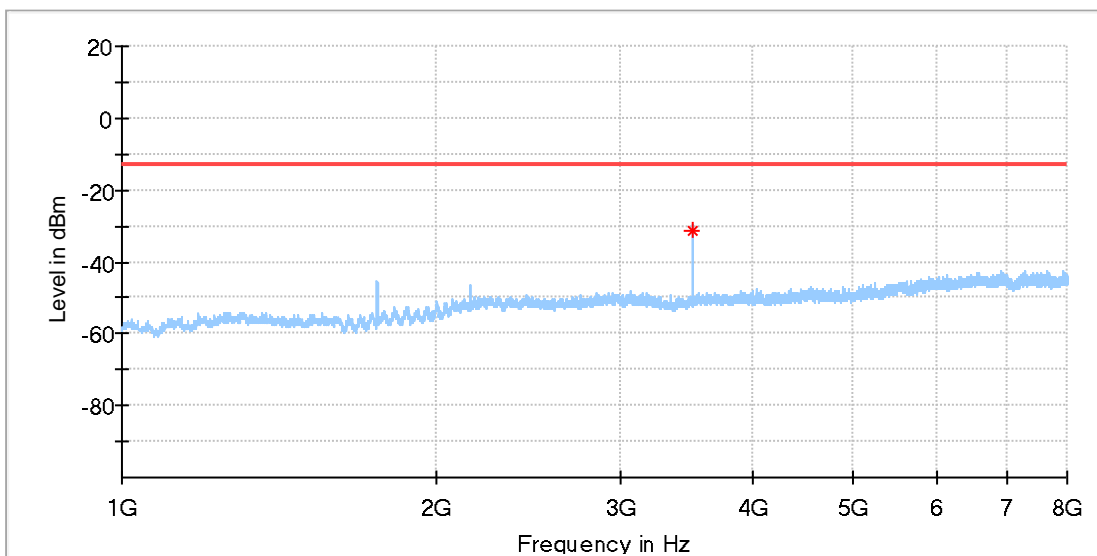
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1732.000000 | -35.71 | -- | -13.00 | 22.71 | 100.0 | V | 336.0 | -91.6 |
| 2132.500000 | -35.47 | -- | -13.00 | 22.47 | 100.0 | V | 229.0 | -87.7 |
| 3464.000000 | -25.67 | -- | -13.00 | 12.67 | 100.0 | V | 24.0 | -87.8 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

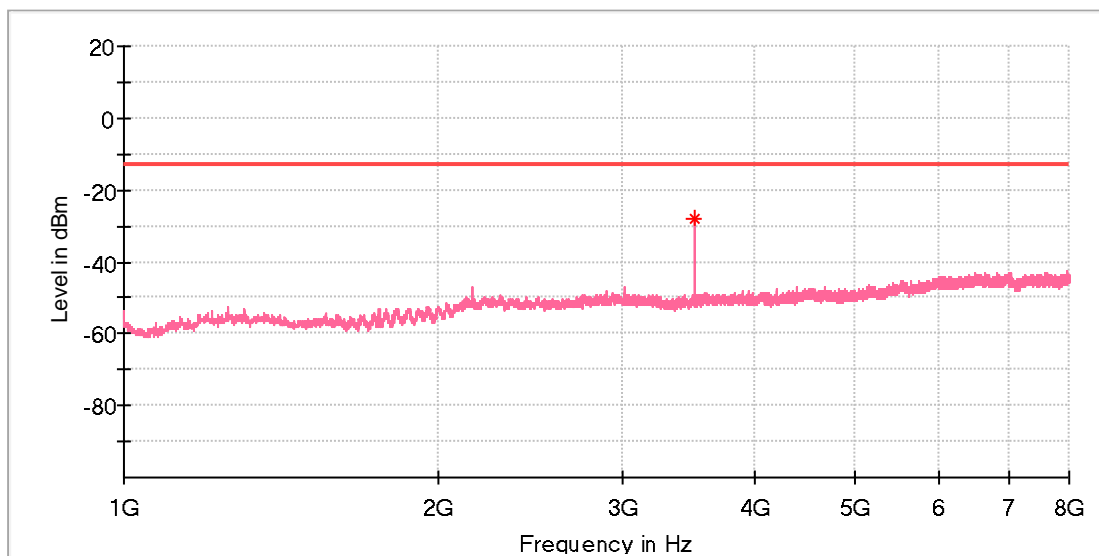
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3507.000000 | -31.19 | -- | -13.00 | 18.19 | 100.0 | H | 66.0 | -87.3 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

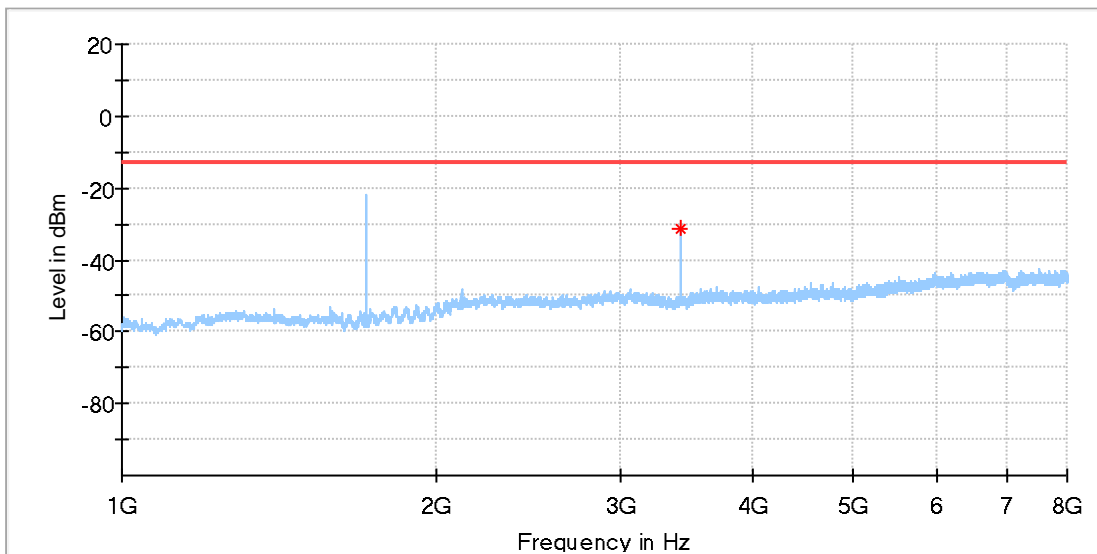
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3507.500000 | -28.02 | -- | -13.00 | 15.02 | 100.0 | V | 166.0 | -87.5 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

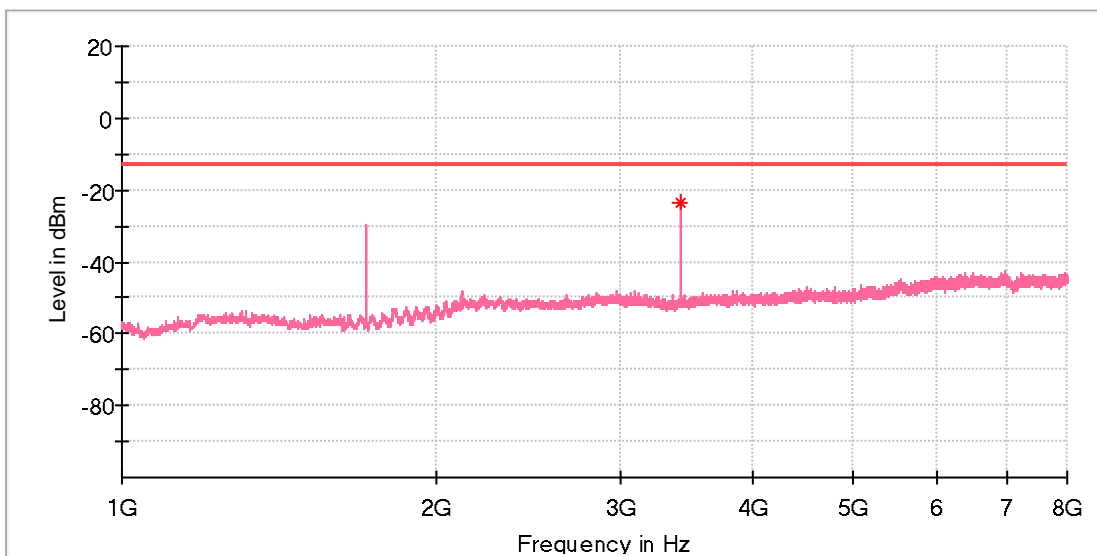
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3420.500000 | -31.39 | -- | -13.00 | 18.39 | 100.0 | H | 268.0 | -87.9 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

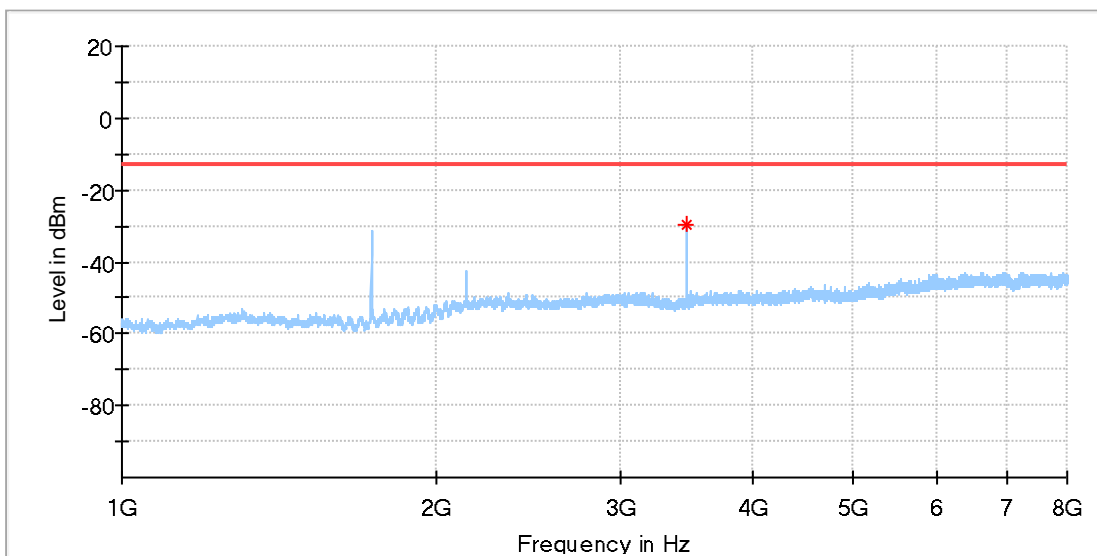
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3420.000000 | -23.26 | -- | -13.00 | 10.26 | 100.0 | V | 181.0 | -87.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

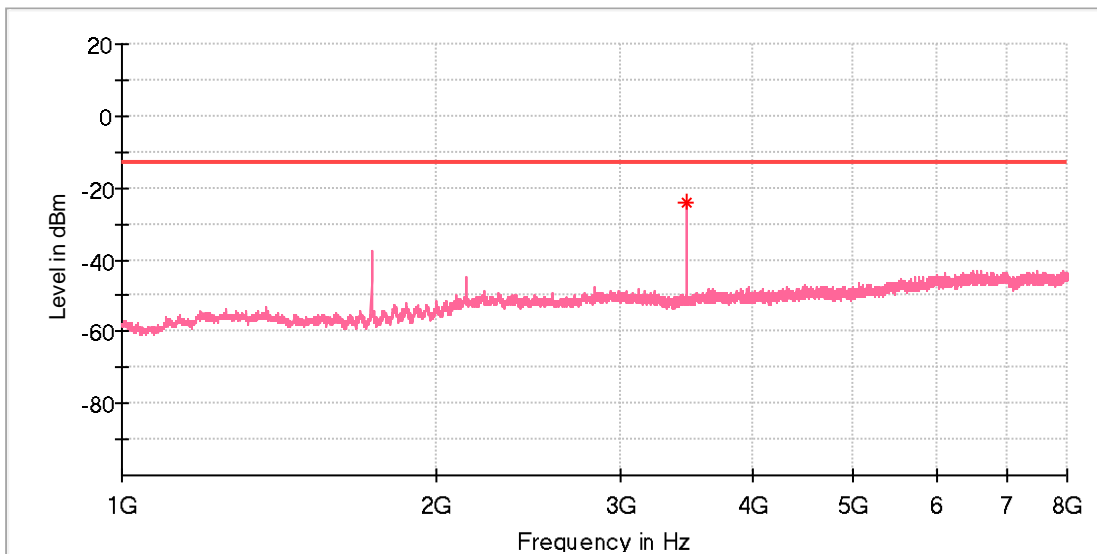
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3463.500000 | -29.82 | -- | -13.00 | 16.82 | 100.0 | H | 54.0 | -88.1 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_16QAM_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

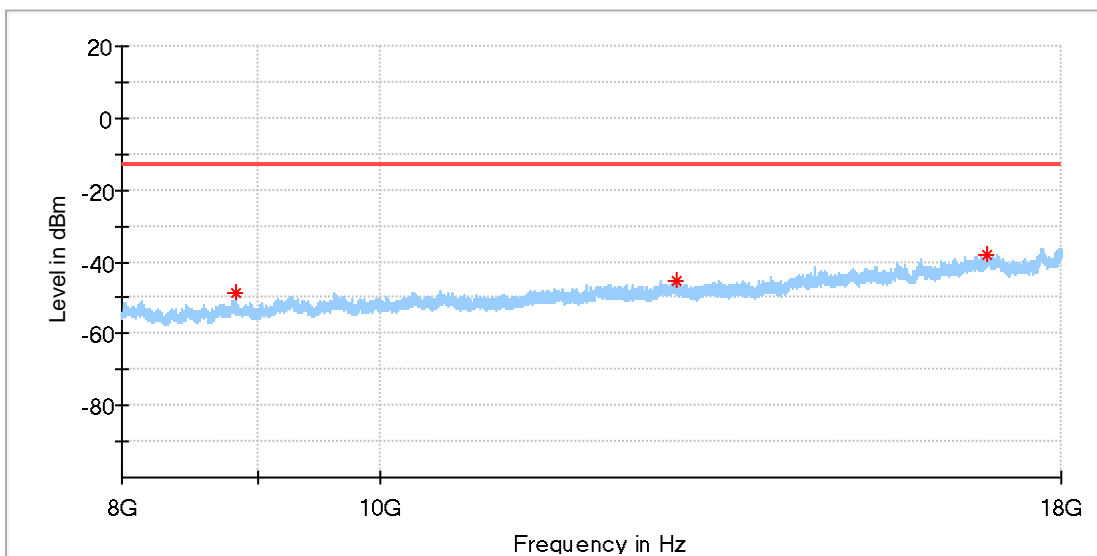
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 3464.000000 | -23.98 | -- | -13.00 | 10.98 | 100.0 | V | 186.0 | -87.8 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

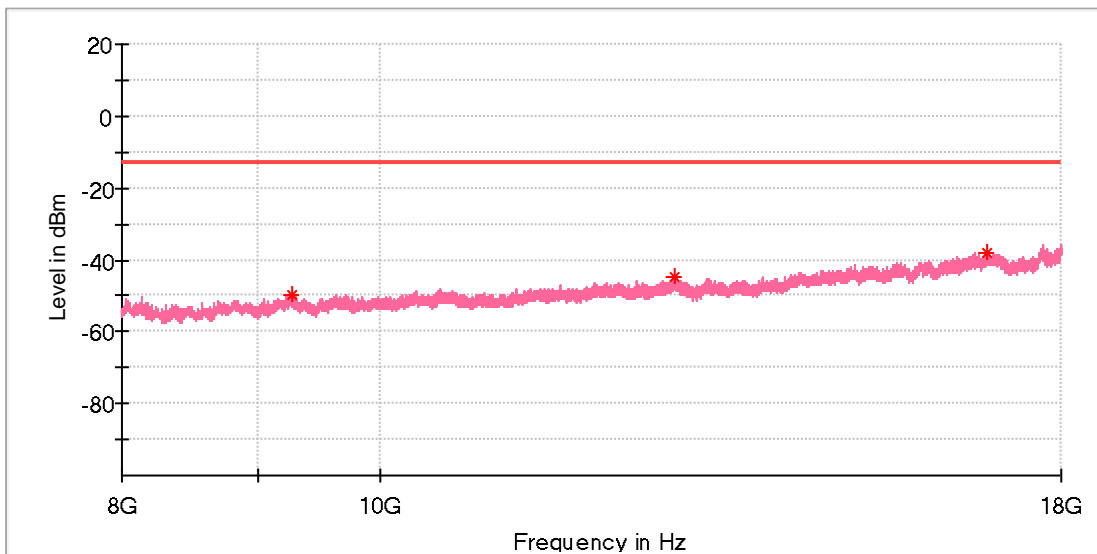
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 8821.500000 | -48.89 | -- | -13.00 | 35.89 | 100.0 | H | 236.0 | -85.3 |
| 12912.000000 | -45.38 | -- | -13.00 | 32.38 | 100.0 | H | 97.0 | -78.5 |
| 16897.000000 | -38.20 | -- | -13.00 | 25.20 | 100.0 | H | 199.0 | -73.1 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

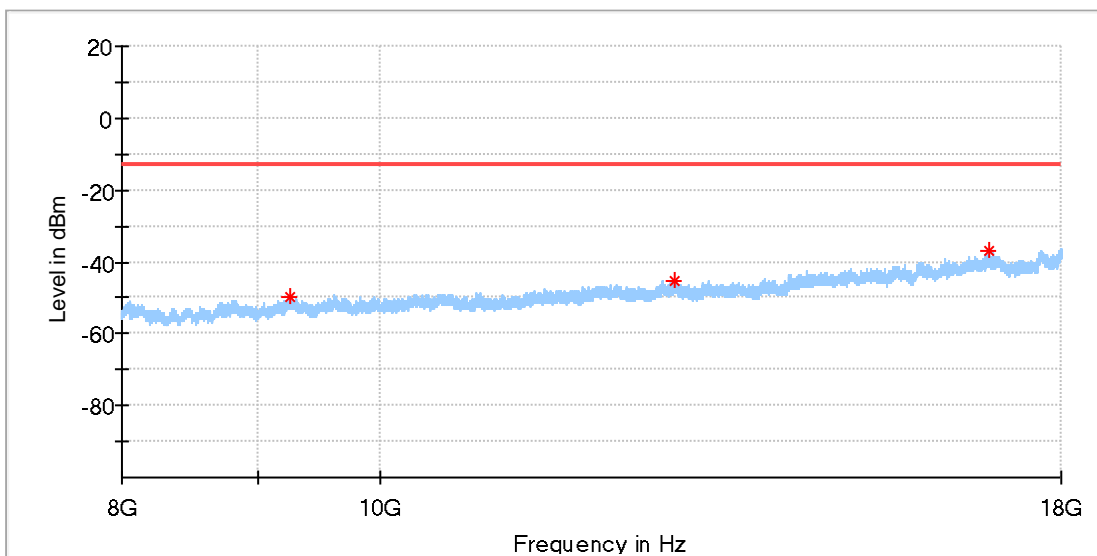
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9270.500000 | -50.04 | -- | -13.00 | 37.04 | 100.0 | V | 288.0 | -84.0 |
| 12891.500000 | -44.56 | -- | -13.00 | 31.56 | 100.0 | V | 319.0 | -78.4 |
| 16875.000000 | -38.12 | -- | -13.00 | 25.12 | 100.0 | V | 32.0 | -73.2 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

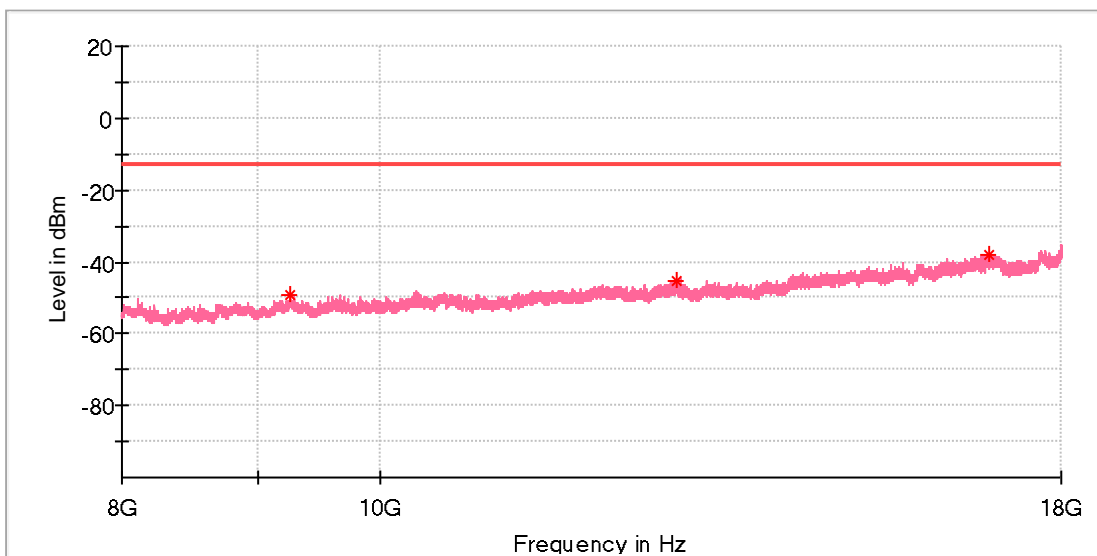
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9253.000000 | -49.50 | -- | -13.00 | 36.50 | 100.0 | H | 172.0 | -84.0 |
| 12888.500000 | -45.09 | -- | -13.00 | 32.09 | 100.0 | H | 208.0 | -78.6 |
| 16914.000000 | -37.17 | -- | -13.00 | 24.17 | 100.0 | H | 239.0 | -73.0 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

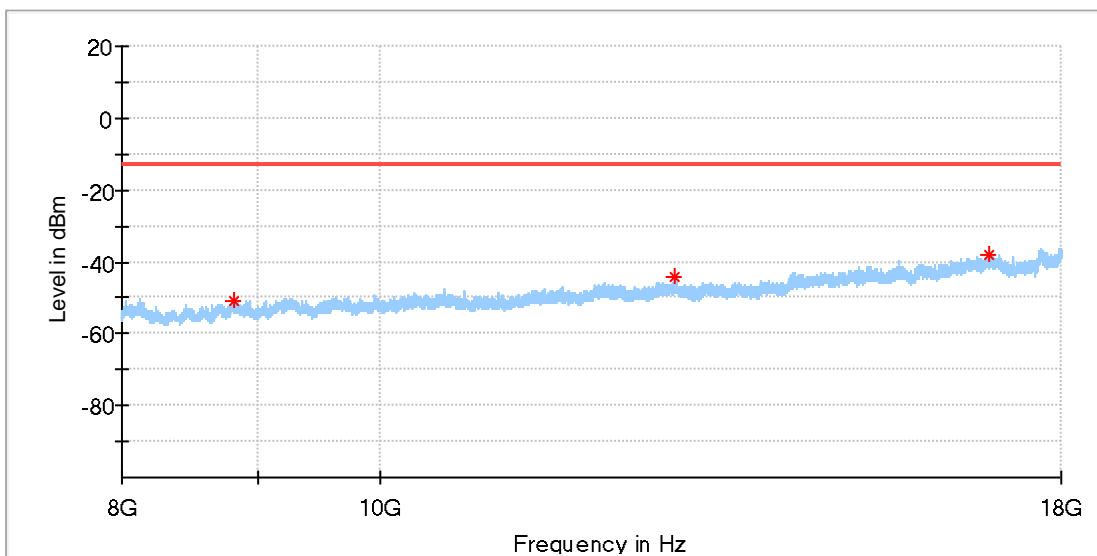
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9246.000000 | -49.47 | -- | -13.00 | 36.47 | 100.0 | V | 151.0 | -83.9 |
| 12907.500000 | -45.11 | -- | -13.00 | 32.11 | 100.0 | V | 235.0 | -78.3 |
| 16925.500000 | -38.17 | -- | -13.00 | 25.17 | 100.0 | V | 103.0 | -72.8 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_16QAM_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

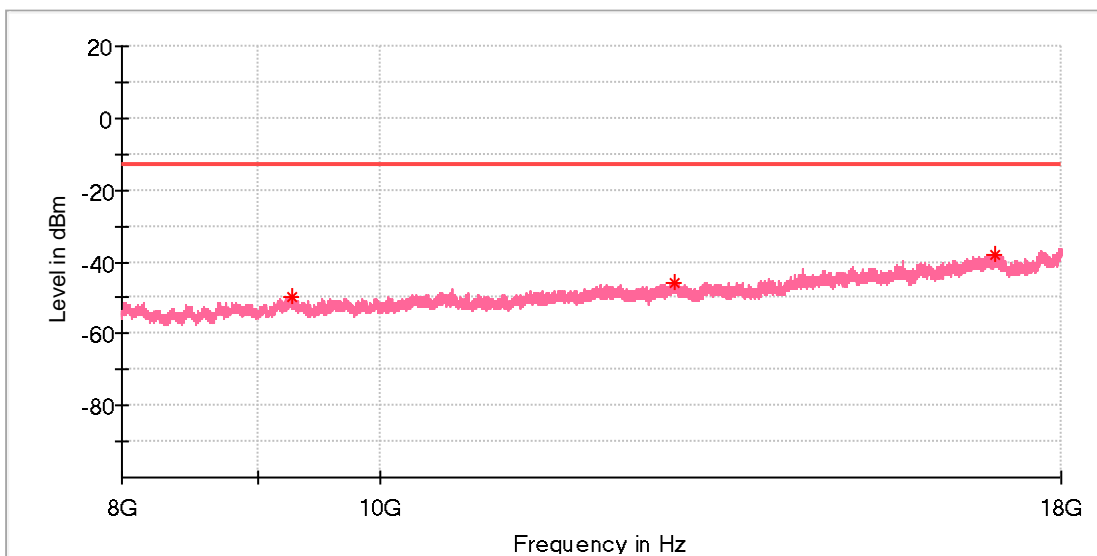
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 8814.500000 | -50.92 | -- | -13.00 | 37.92 | 100.0 | H | 121.0 | -85.4 |
| 12897.000000 | -44.25 | -- | -13.00 | 31.25 | 100.0 | H | 85.0 | -78.4 |
| 16926.000000 | -37.94 | -- | -13.00 | 24.94 | 100.0 | H | 345.0 | -72.9 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

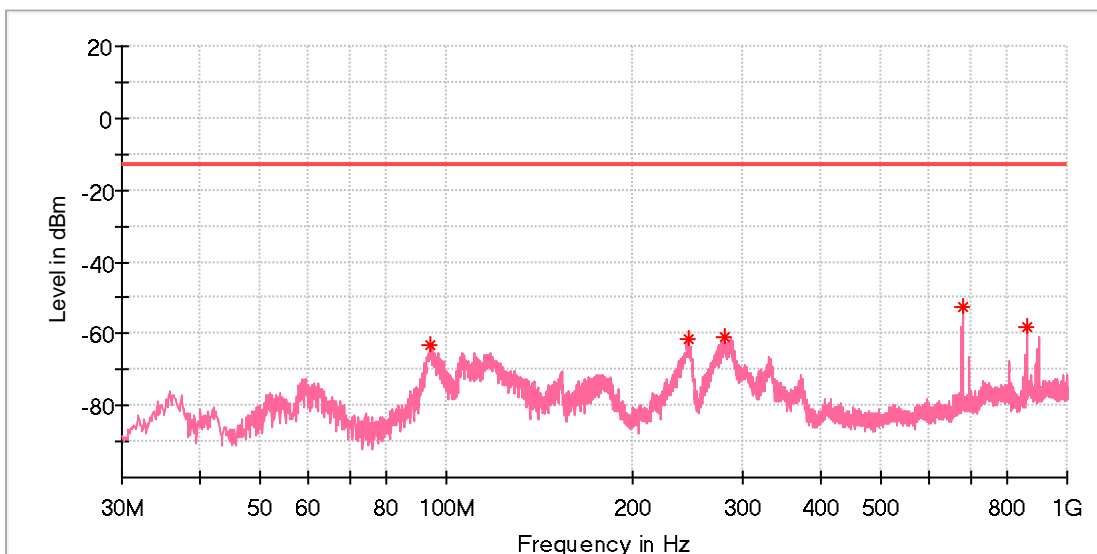
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 9263.500000 | -49.51 | -- | -13.00 | 36.51 | 100.0 | V | 68.0 | -84.0 |
| 12900.000000 | -45.72 | -- | -13.00 | 32.72 | 100.0 | V | 202.0 | -78.2 |
| 17001.500000 | -37.92 | -- | -13.00 | 24.92 | 100.0 | V | 128.0 | -72.7 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | RMS (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-----------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_QPSK_1@0_High Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 22 and RSS-132 Issue 3
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

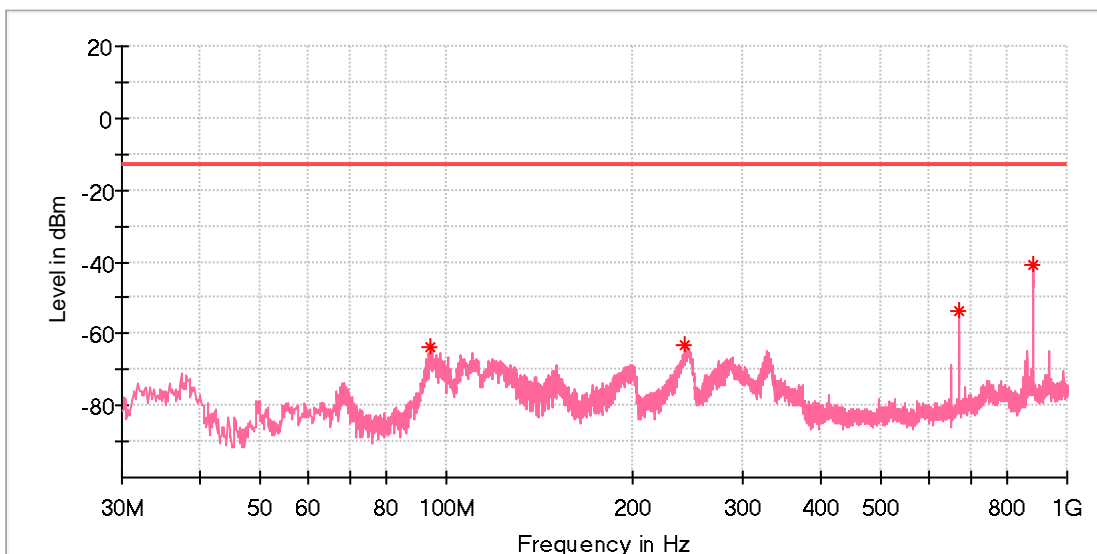
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 94.505000 | -63.35 | -- | -13.00 | 50.35 | 100.0 | V | 189.0 | -99.7 |
| 244.976250 | -61.59 | -- | -13.00 | 48.59 | 100.0 | V | 2.0 | -115.6 |
| 281.472500 | -61.19 | -- | -13.00 | 48.19 | 100.0 | V | 350.0 | -114.0 |
| 677.232500 | -52.46 | -- | -13.00 | 39.46 | 100.0 | V | 327.0 | -104.6 |
| 864.200000 | -58.19 | -- | -13.00 | 45.19 | 100.0 | V | 205.0 | -99.6 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_QPSK_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 24 and RSS-132 Issue 3
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

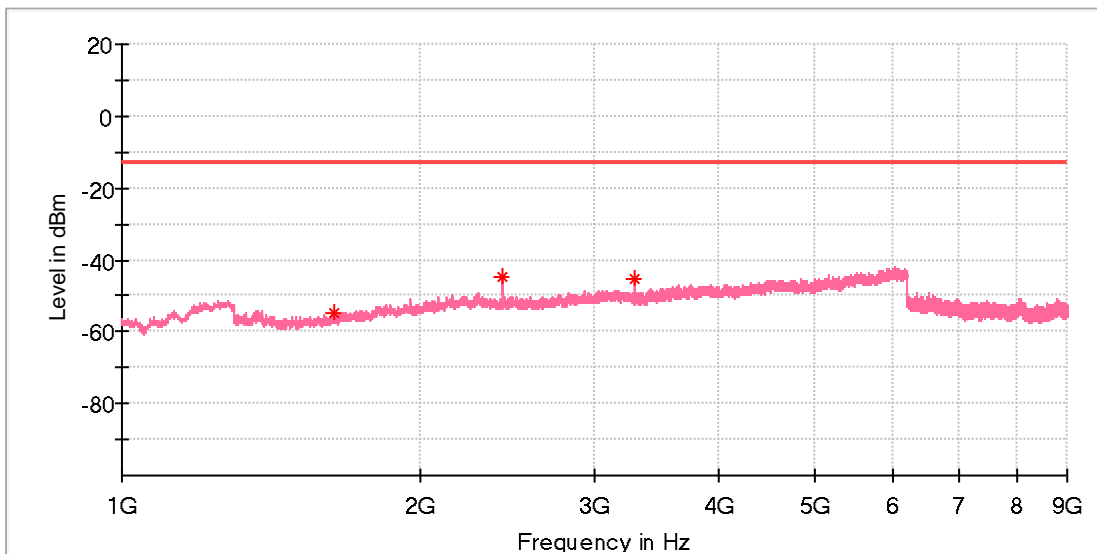
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 94.383750 | -63.78 | -- | -13.00 | 50.78 | 100.0 | V | 5.0 | -99.7 |
| 242.672500 | -63.35 | -- | -13.00 | 50.35 | 100.0 | V | 12.0 | -115.6 |
| 669.230000 | -53.43 | -- | -13.00 | 40.43 | 100.0 | V | 43.0 | -105.2 |
| 881.538750 | -40.78 | -- | -13.00 | 27.78 | 100.0 | V | 98.0 | -101.8 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

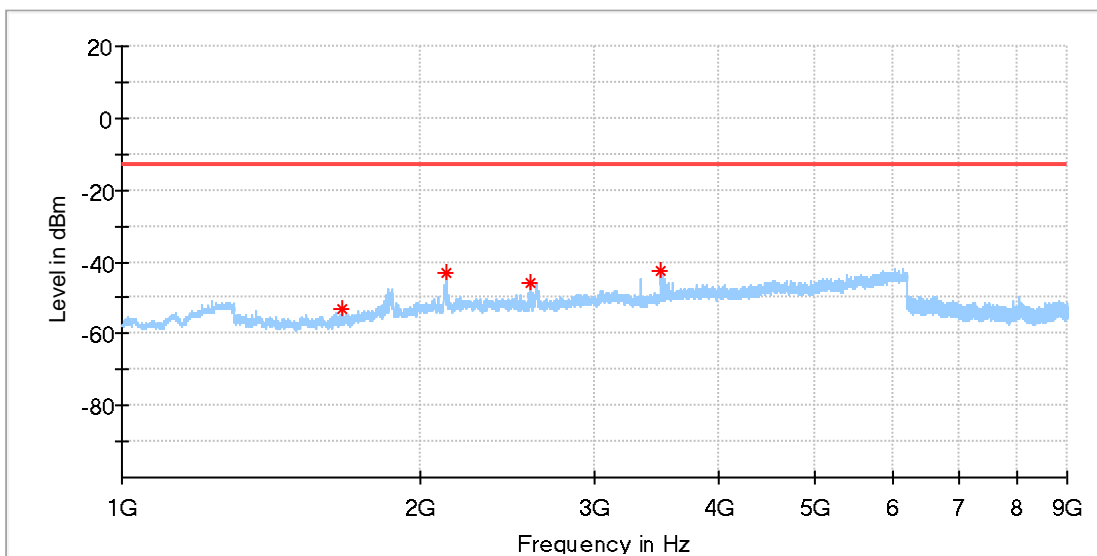
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1637.000000 | -54.66 | -- | -13.00 | 41.66 | 100.0 | V | 177.0 | -92.5 |
| 2426.000000 | -44.86 | -- | -13.00 | 31.86 | 100.0 | V | 225.0 | -87.9 |
| 3297.000000 | -45.32 | -- | -13.00 | 32.32 | 100.0 | V | 1.0 | -87.3 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

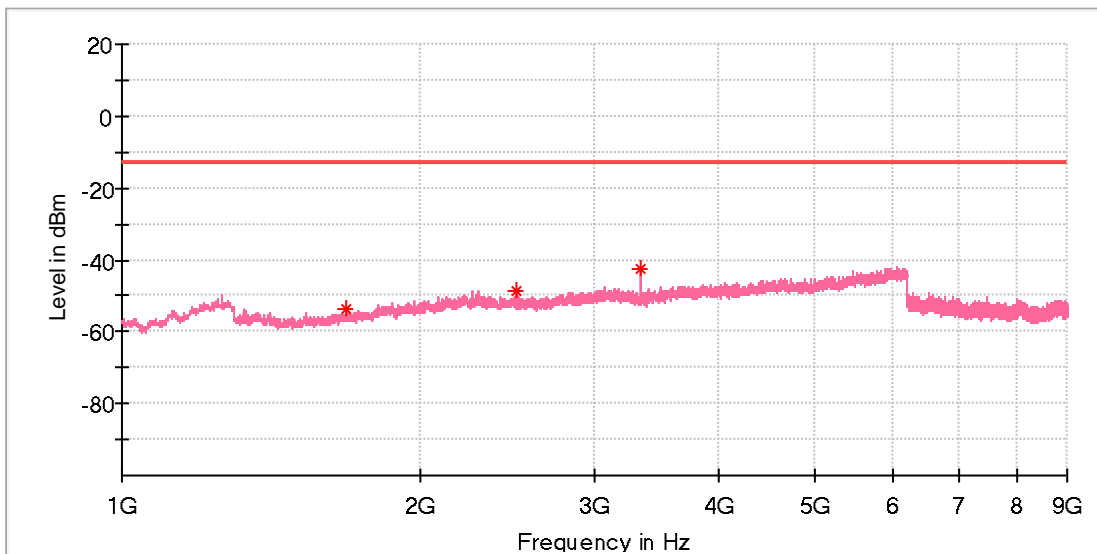
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1668.500000 | -53.14 | -- | -13.00 | 40.14 | 100.0 | H | 238.0 | -92.6 |
| 2123.500000 | -42.97 | -- | -13.00 | 29.97 | 100.0 | H | 30.0 | -88.4 |
| 2581.500000 | -45.75 | -- | -13.00 | 32.75 | 100.0 | H | 148.0 | -88.6 |
| 3505.500000 | -42.69 | -- | -13.00 | 29.69 | 100.0 | H | 72.0 | -86.3 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1684.500000 | -53.54 | -- | -13.00 | 40.54 | 100.0 | V | 67.0 | -92.1 |
| 2507.500000 | -48.42 | -- | -13.00 | 35.42 | 100.0 | V | 67.0 | -88.1 |
| 3344.000000 | -42.42 | -- | -13.00 | 29.42 | 100.0 | V | 101.0 | -87.3 |

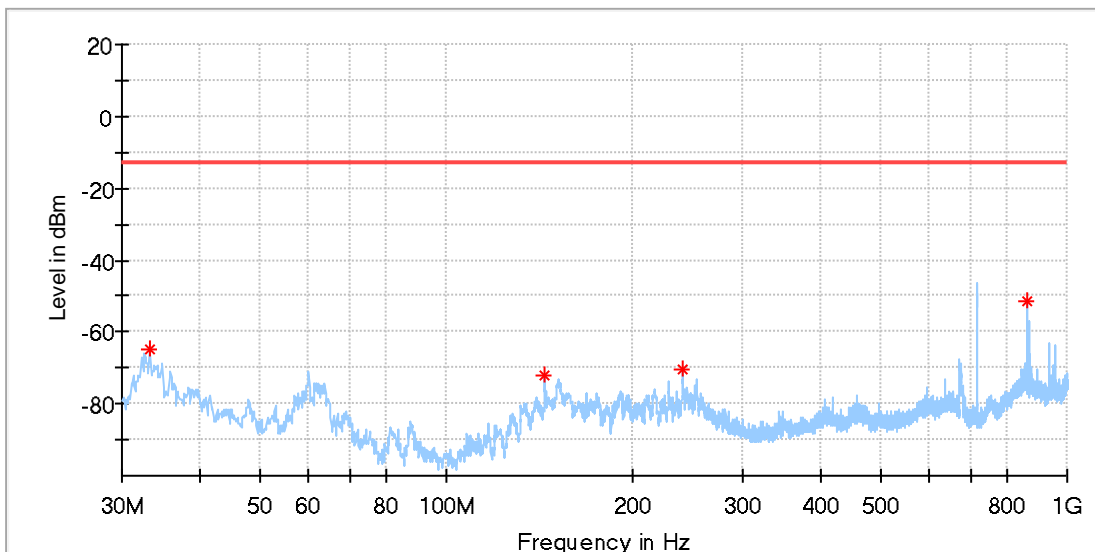
Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

Band 12

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_High Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

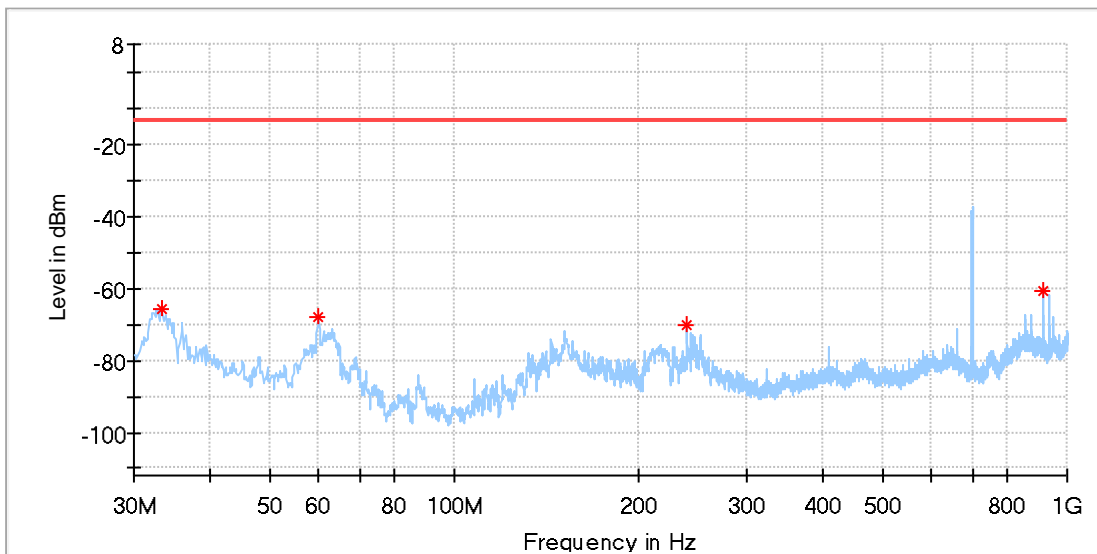
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 33.273750 | -65.08 | -- | -13.00 | 52.09 | 100.0 | H | 231.0 | -117.4 |
| 143.853750 | -72.21 | -- | -13.00 | 59.21 | 100.0 | H | 238.0 | -123.4 |
| 240.005000 | -70.34 | -- | -13.00 | 57.34 | 100.0 | H | 71.0 | -110.5 |
| 863.472500 | -51.33 | -- | -13.00 | 38.33 | 100.0 | H | 185.0 | -99.9 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Quarterback Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Low Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:47% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

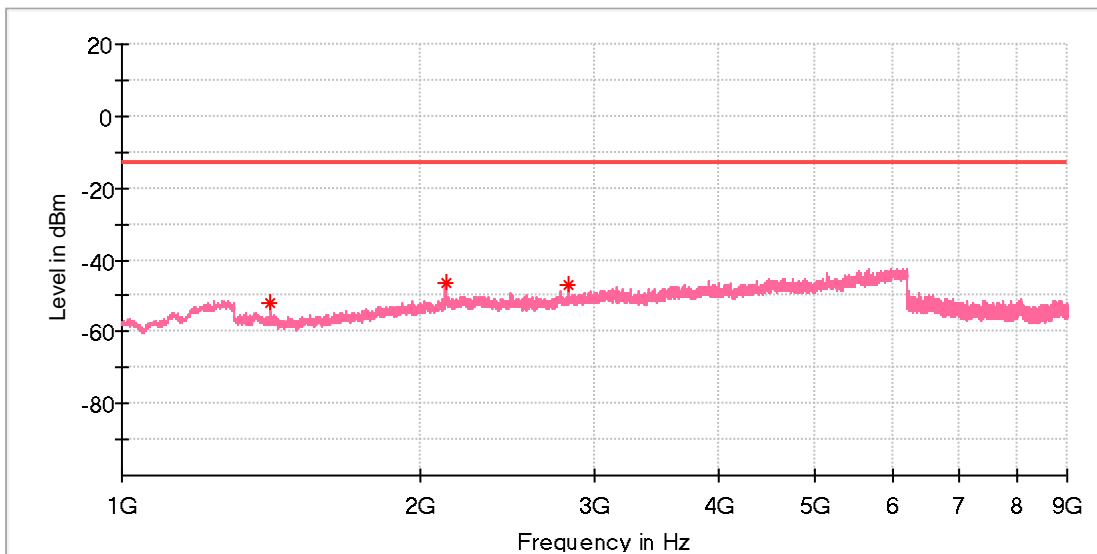
| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 33.273750 | -65.63 | -- | -13.00 | 52.63 | 100.0 | H | 222.0 | -117.4 |
| 59.948750 | -68.05 | -- | -13.00 | 55.05 | 100.0 | H | 320.0 | -116.6 |
| 239.883750 | -70.06 | -- | -13.00 | 57.06 | 100.0 | H | 222.0 | -110.5 |
| 913.791250 | -60.63 | -- | -13.00 | 47.63 | 100.0 | H | 343.0 | -102.1 |

Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

EUT Information

| | |
|----------------|---------------------------------|
| EUT Name: | Gateway |
| Model: | T11012860 |
| Test Mode: | TX_1.4M_QPSK_1@0_Mid Channel |
| Test Voltage:: | Battery |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1413.500000 | -52.00 | -- | -13.00 | 39.00 | 100.0 | V | 293.0 | -92.9 |
| 2121.000000 | -46.68 | -- | -13.00 | 33.68 | 100.0 | V | 92.0 | -88.1 |
| 2828.000000 | -47.06 | -- | -13.00 | 34.06 | 100.0 | V | 154.0 | -87.4 |

Final_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| -- | -- | -- | -- | -- | | -- | -- |

