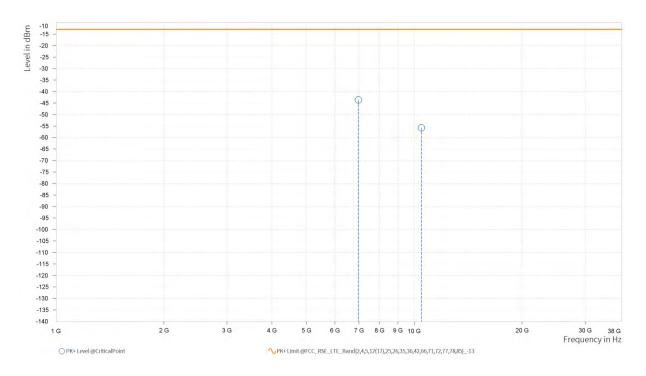


N78(Part 27Q):

CHANNEL BANDWIDTH: 20MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

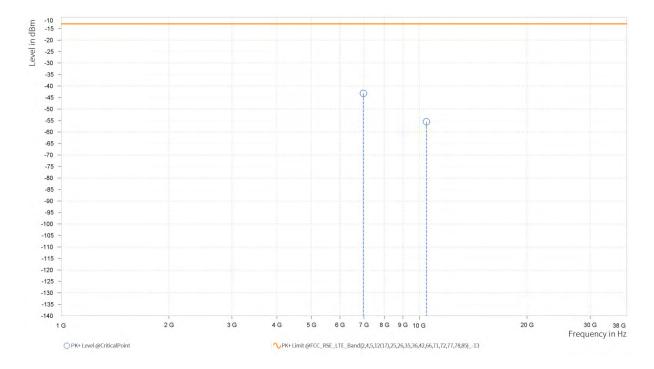
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,982.020 | -43.65 | -13.0 | 30.65 | 30.56 | н | 128 | 1.0 |
| 6 | 10,473.030 | -55.74 | -13.0 | 42.74 | 16.42 | Н | 1 | 1.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,982.020 | -43.19 | -13.0 | 30.19 | 30.61 | v | 234.1 | 2.0 |
| 6 | 10,473.030 | -55.56 | -13.0 | 42.56 | 16.2 | v | 359.0 | 2.0 |

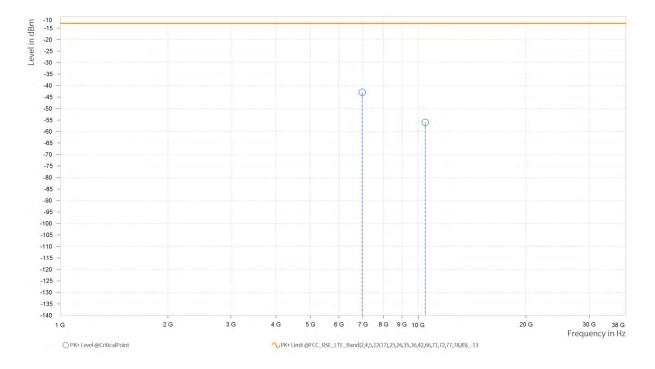




CHANNEL BANDWIDTH: 30MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

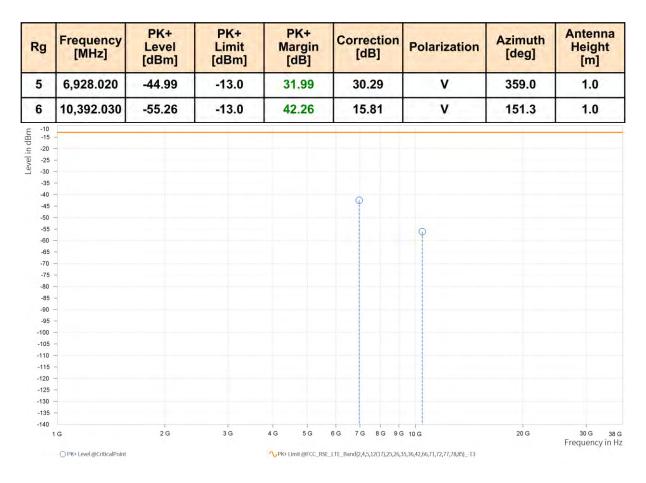
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,973.020 | -42.9 | -13.0 | 29.9 | 30.51 | н | 40.9 | 2.0 |
| 6 | 10,459.530 | -56.04 | -13.0 | 43.04 | 16.36 | Н | 1.0 | 1.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,973.020 | -42.47 | -13.0 | 29.47 | 30.55 | v | 0.9 | 2.0 |
| 6 | 10,459.530 | -56.11 | -13.0 | 43.11 | 16.15 | v | 1.0 | 1.0 |

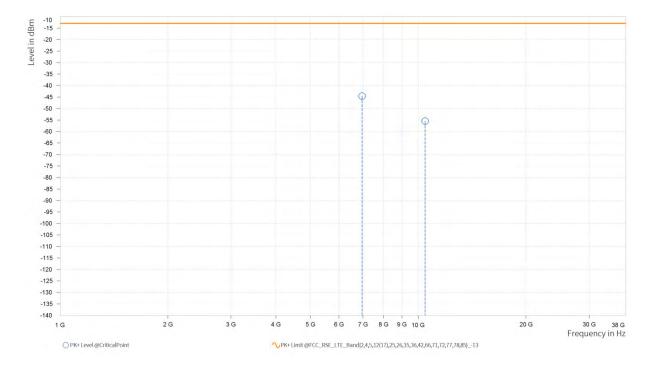




CHANNEL BANDWIDTH: 40MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

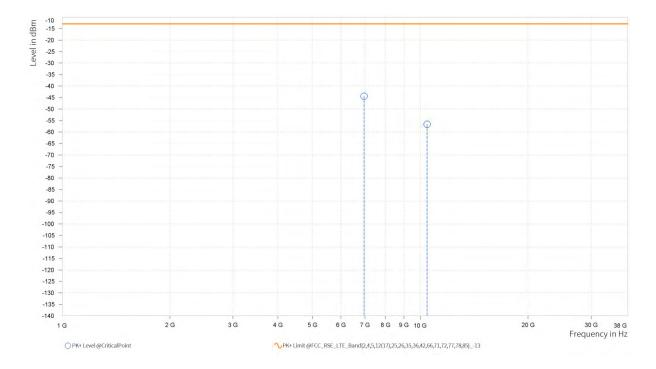
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,964.020 | -44.58 | -13.0 | 31.58 | 30.45 | Н | 131.5 | 2.0 |
| 6 | 10,446.030 | -55.47 | -13.0 | 42.47 | 16.29 | н | 208.6 | 2.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,964.020 | -44.4 | -13.0 | 31.4 | 30.5 | v | 316.2 | 1.0 |
| 6 | 10,446.030 | -56.59 | -13.0 | 43.59 | 16.11 | v | 359.0 | 1.0 |

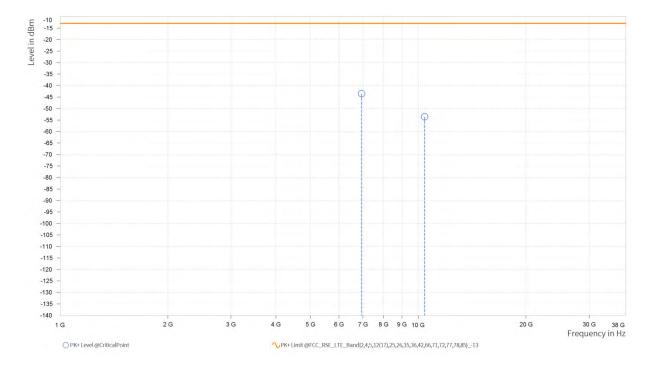




CHANNEL BANDWIDTH: 60MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

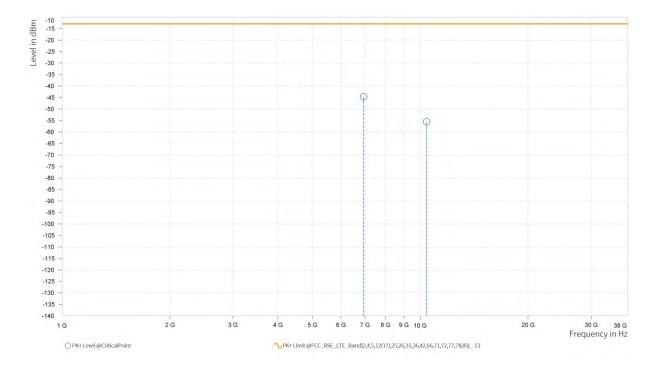
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,946.020 | -43.52 | -13.0 | 30.52 | 30.32 | н | 318.4 | 1.0 |
| 6 | 10,419.030 | -53.61 | -13.0 | 40.61 | 16.16 | н | 0.9 | 2.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,946.020 | -44.65 | -13.0 | 31.65 | 30.37 | v | 227.8 | 1.0 |
| 6 | 10,419.030 | -55.56 | -13.0 | 42.56 | 16.01 | v | 324.0 | 1.0 |



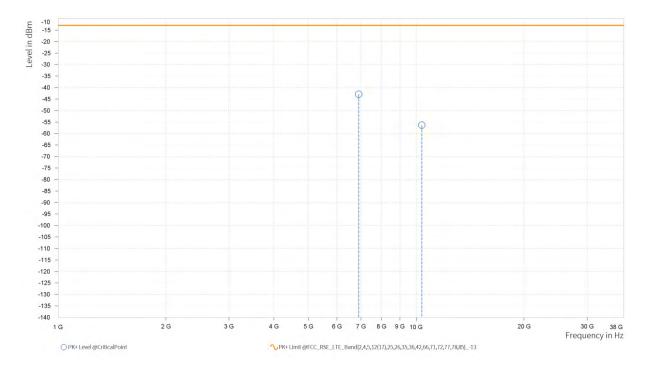


CHANNEL BANDWIDTH: 70MHz / QPSK

CH649000

| MODE | TX channel 649000 | FREQUENCY RANGE | Above 1000MHz |
|-----------------------------|------------------------|---------------------|---------------|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Hanwen Xu | | |
| ANTENN | A POLARITY & TEST DIST | ANCE: HORIZONTAL AT | 3 M |

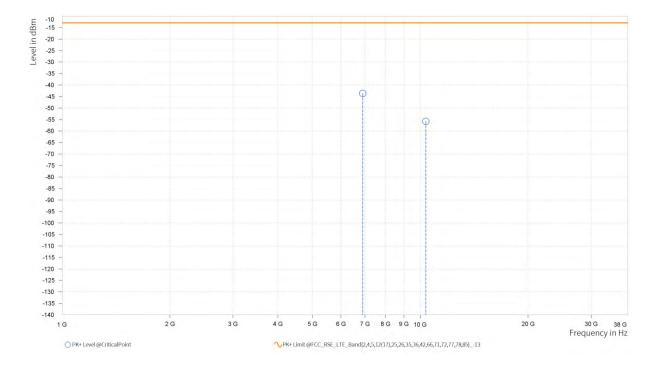
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,907.020 | -42.87 | -13.0 | 29.87 | 30.29 | Н | 38.7 | 2.0 |
| 6 | 10,360.530 | -56.37 | -13.0 | 43.37 | 15.85 | Н | 330.4 | 1.0 |





| MODE | TX channel 649000 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,907.020 | -43.61 | -13.0 | 30.61 | 30.26 | v | 229.1 | 1.0 |
| 6 | 10,360.530 | -55.73 | -13.0 | 42.73 | 15.59 | v | 151.3 | 1.0 |

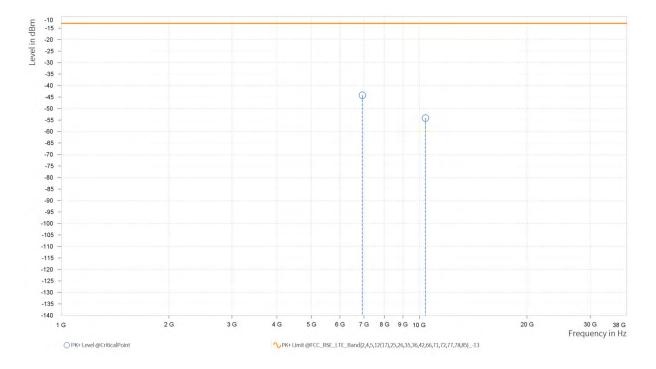




CH633334

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

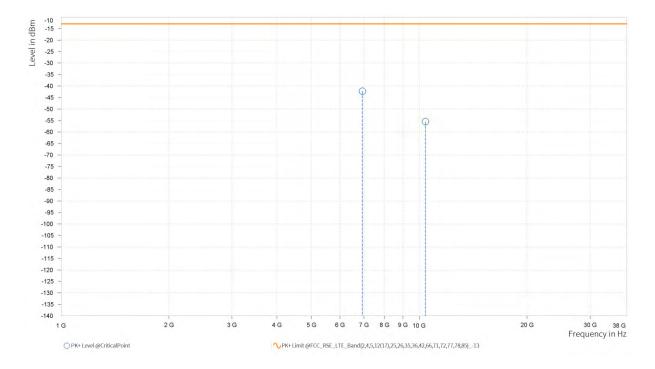
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,937.020 | -44.2 | -13.0 | 31.2 | 30.26 | н | 121.6 | 2.0 |
| 6 | 10,405.530 | -54.15 | -13.0 | 41.15 | 16.09 | Н | 328.2 | 1.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,937.020 | -42.21 | -13.0 | 29.21 | 30.3 | v | 237.6 | 2.0 |
| 6 | 10,405.530 | -55.48 | -13.0 | 42.48 | 15.91 | v | 1.0 | 2.0 |

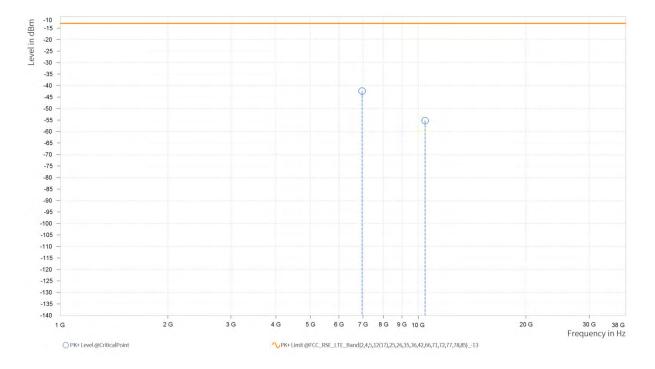




CH651000

| MODE | TX channel 651000 | FREQUENCY RANGE | Above 1000MHz | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

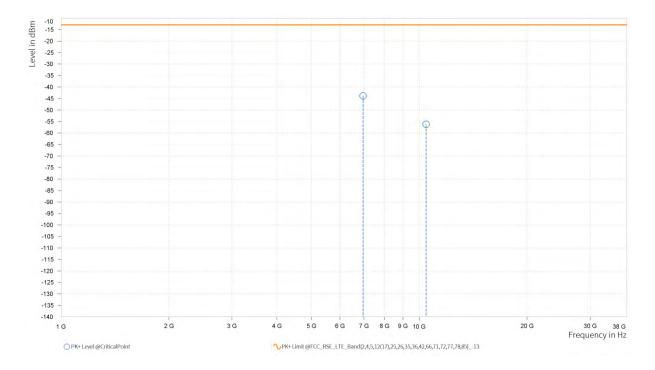
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,966.960 | -42.42 | -13.0 | 29.42 | 30.47 | н | 39.5 | 2.0 |
| 6 | 10,450.440 | -55.22 | -13.0 | 42.22 | 16.32 | н | 31.0 | 2.0 |





| MODE | TX channel 651000 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,966.960 | -43.87 | -13.0 | 30.87 | 30.52 | v | 316.2 | 1.0 |
| 6 | 10,450.440 | -56.21 | -13.0 | 43.21 | 16.13 | v | 238.3 | 1.0 |

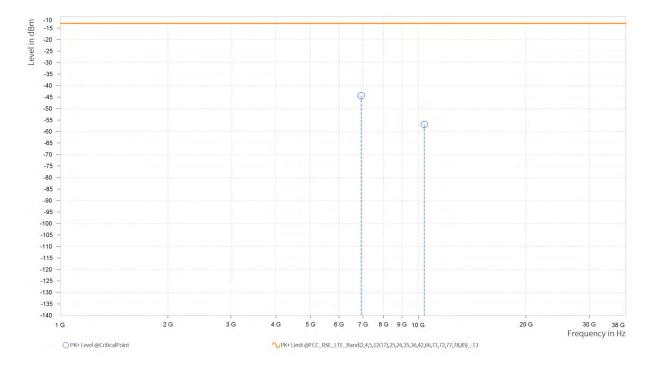




CHANNEL BANDWIDTH: 80MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

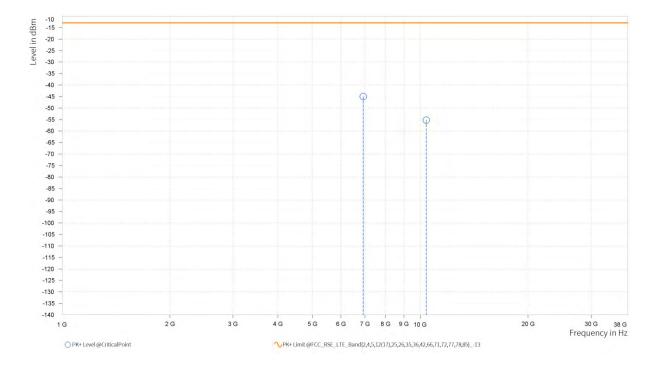
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,928.020 | -44.45 | -13.0 | 31.45 | 30.27 | н | 359.0 | 2.0 |
| 6 | 10,392.030 | -56.9 | -13.0 | 43.9 | 16.02 | Н | 0.9 | 2.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,928.020 | -44.99 | -13.0 | 31.99 | 30.29 | v | 359.0 | 1.0 |
| 6 | 10,392.030 | -55.26 | -13.0 | 42.26 | 15.81 | v | 151.3 | 1.0 |

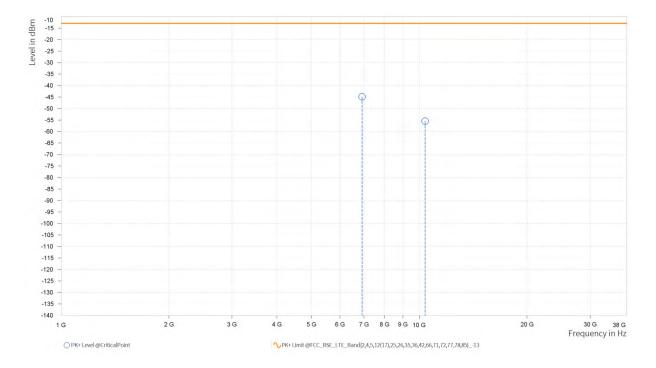




CHANNEL BANDWIDTH: 90MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

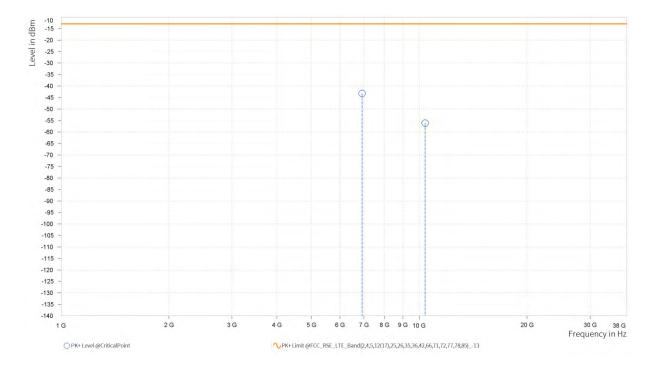
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,919.020 | -44.88 | -13.0 | 31.88 | 30.28 | Н | 252.6 | 1.0 |
| 6 | 10,378.530 | -55.48 | -13.0 | 42.48 | 15.95 | н | 359.0 | 2.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,919.020 | -43.19 | -13.0 | 30.19 | 30.28 | v | 128.7 | 2.0 |
| 6 | 10,378.530 | -56.13 | -13.0 | 43.13 | 15.72 | v | 31.7 | 2.0 |

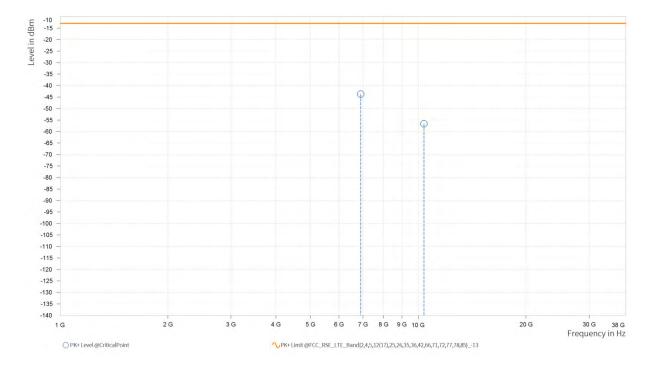




CHANNEL BANDWIDTH: 100MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

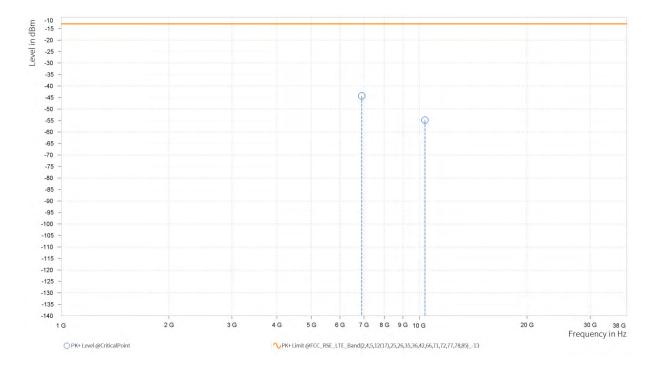
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,910.020 | -43.71 | -13.0 | 30.71 | 30.29 | н | 359 | 1.0 |
| 6 | 10,365.030 | -56.63 | -13.0 | 43.63 | 15.88 | Н | 359 | 2.0 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,910.020 | -44.25 | -13.0 | 31.25 | 30.26 | v | 152.7 | 2.0 |
| 6 | 10,365.030 | -54.83 | -13.0 | 41.83 | 15.62 | v | 0.9 | 2.0 |





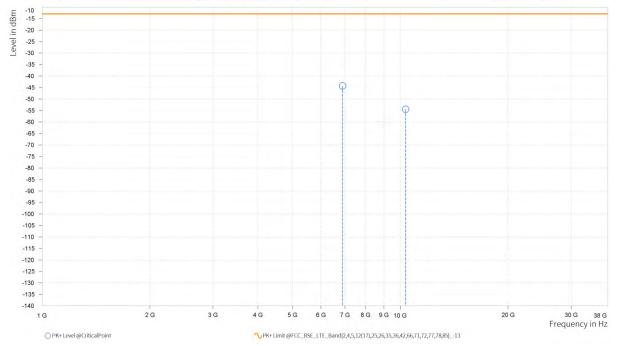
N78(Part 27Q)-MIMO

CHANNEL BANDWIDTH: 20MHz / QPSK

CH647334

| MODE | TX channel 647334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

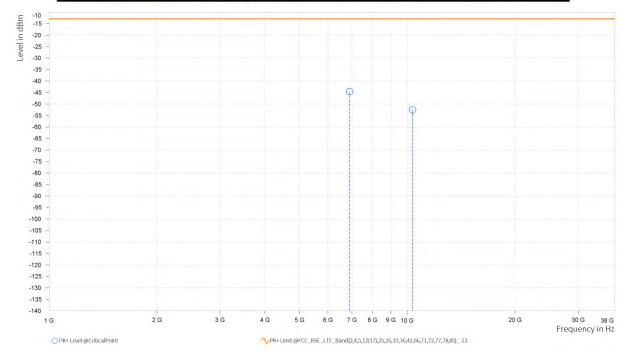
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,902.040 | -44.24 | -13.00 | 31.24 | 30.29 | Н | 1 | 1.00 |
| 6 | 10,353.060 | -54.42 | -13.00 | 41.42 | 15.81 | H | 330.4 | 1.00 |





| MODE | TX channel 647334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|---------------------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | leg. C, 70%RH INPUT POWER | | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| R | | PK+ Level [dBm] | | Margin | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|---|------------|-----------------------|--------|--------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,902.040 | -44.58 | -13.00 | 31.58 | 30.25 | V | 236.2 | 2.00 |
| 6 | 10,353.060 | -52.56 | -13.00 | 39.56 | 15.53 | V | 94 | 2.00 |

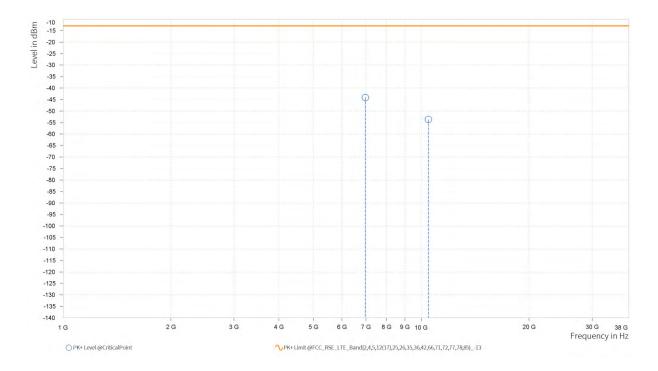




CH633334

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS 23deg. C, 70%RH | | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

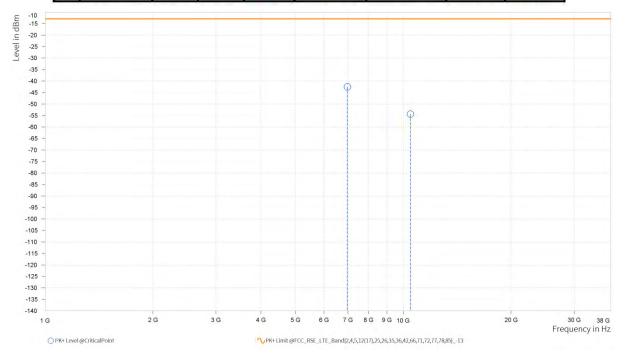
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | Margin | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|--------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,982.020 | -44.12 | -13.00 | 31.12 | 30.56 | H | 359 | 2.00 |
| 6 | 10,473.030 | -53.68 | -13.00 | 40.68 | 16.42 | H | 152 | 2.00 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,982.020 | -42.52 | -13.00 | 29.52 | 30.61 | V | 359,1 | 1.00 |
| 6 | 10,473.030 | -54.41 | -13.00 | 41.41 | 16.20 | ٧ | 126.6 | 2.00 |

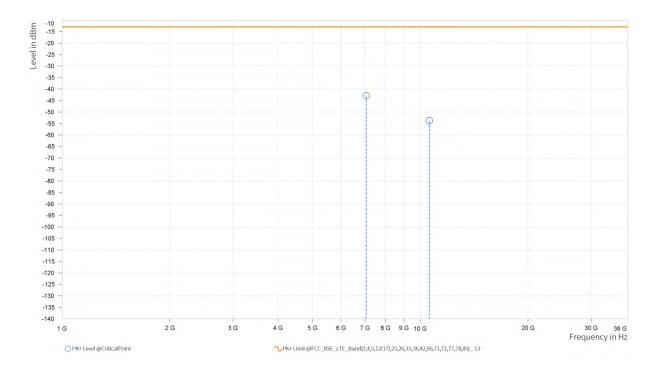




CH652666

| MODE | TX channel 652666 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-----------------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH INPUT POWER | | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

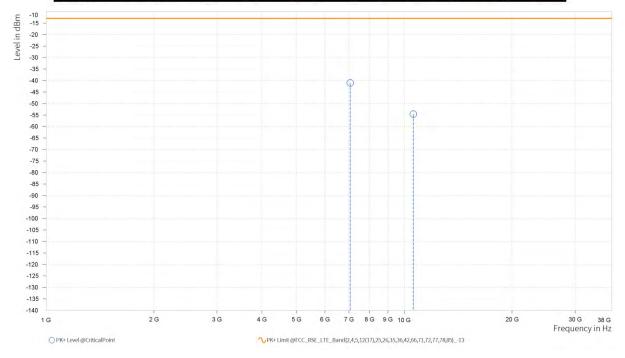
| F | Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|---|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 1 | 5 | 7,062.000 | -42.91 | -13.00 | 29.91 | 30.57 | Н | 157 | 2.00 |
| | 6 | 10,593.000 | -53.75 | -13.00 | 40.75 | 16.71 | Н | 331.8 | 1.00 |





| MODE | /IRONMENTAL 23deg C 70%RH INPLIT POWER | | Above 1000MHz | | | |
|---|--|--|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | | | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | Level | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|--------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 7,062.000 | -41.04 | -13.00 | 28.04 | 30.38 | V | 359 | 2.00 |
| 6 | 10,593.000 | -54.60 | -13.00 | 41.60 | 16.39 | V | 359 | 2.00 |

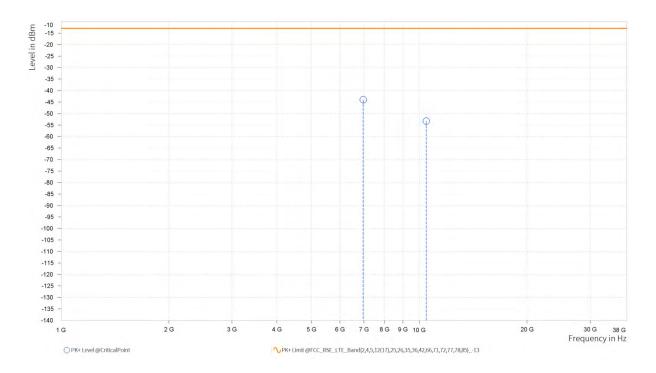




CHANNEL BANDWIDTH: 30MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-----------------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH INPUT POWER | | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

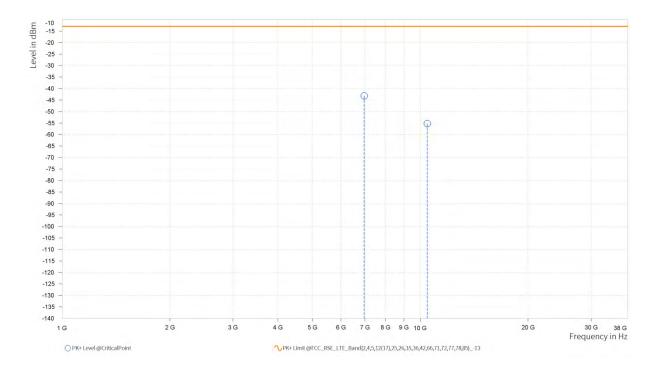
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,973,020 | -43.99 | -13.00 | 30.99 | 30.51 | H | 261.8 | 1.00 |
| 6 | 10,459.530 | -53.29 | -13.00 | 40.29 | 16.36 | Н | 0.9 | 2.00 |





| MODE | MODE TX channel 633334 | | Above 1000MHz | | | |
|---|------------------------|-------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,973.020 | -43.16 | -13.00 | 30.16 | 30.55 | V | 312 | 1.00 |
| 6 | 10,459.530 | -55.22 | -13.00 | 42.22 | 16.15 | V | 41.6 | 2.00 |

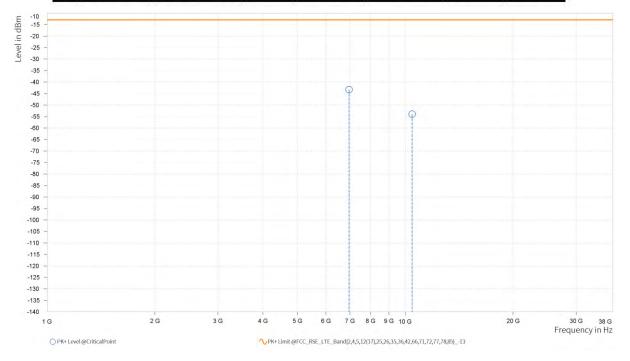




CHANNEL BANDWIDTH: 40MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-----------------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH INPUT POWER | | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

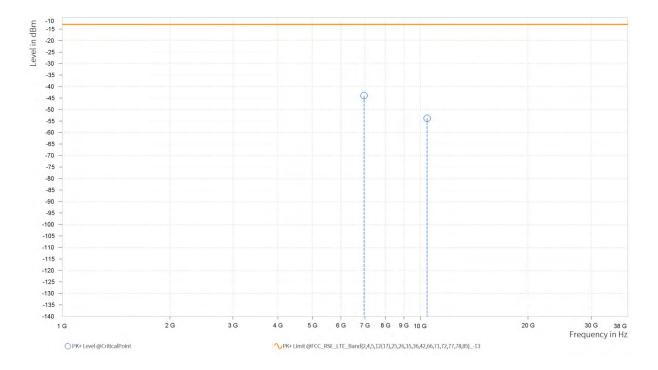
| | Rg | Frequency [MHz] | | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|---|----|--------------------|--------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| | 5 | 6,964.020 | -43.28 | -13.00 | 30.28 | 30.45 | Н | 101 | 2.00 |
| ſ | 6 | 10,446.030 | -53.92 | -13.00 | 40.92 | 16.29 | Ĥ | 93.9 | 2.00 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|----------------------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | 3deg. C, 70%RH INPUT POWER | | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,964.020 | -43.92 | -13.00 | 30.92 | 30.50 | V | 0.9 | 2.00 |
| 6 | 10,446.030 | -53.79 | -13.00 | 40.79 | 16.11 | V | 97.5 | 2.00 |

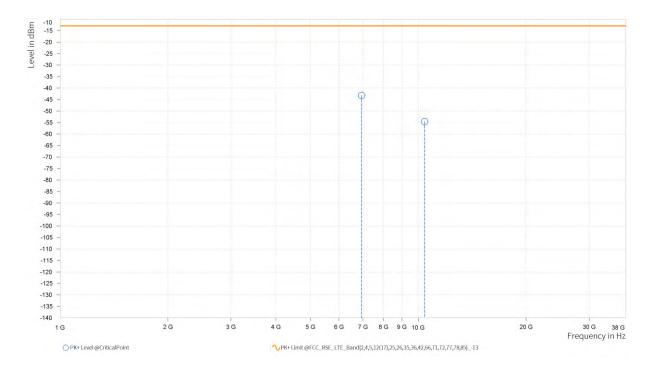




CHANNEL BANDWIDTH: 60MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

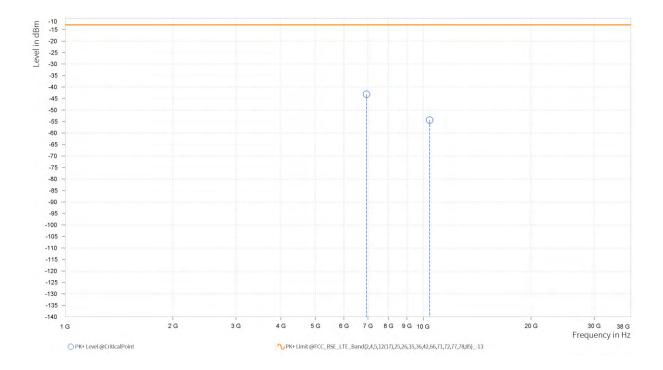
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,946.020 | -43.17 | -13.00 | 30.17 | 30.32 | Н | 359.1 | 1.00 |
| 6 | 10,419.030 | -54.57 | -13.00 | 41.57 | 16.16 | Н | 359.1 | 1.00 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|--------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,946.020 | -43.14 | -13.00 | 30.14 | 30.37 | ٧ | 160.6 | 2.00 |
| 6 | 10,419.030 | -54.35 | -13.00 | 41.35 | 16.01 | ٧ | 38.1 | 2.00 |

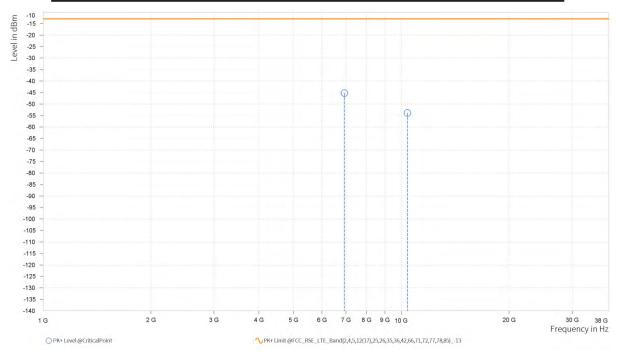




CHANNEL BANDWIDTH: 70MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

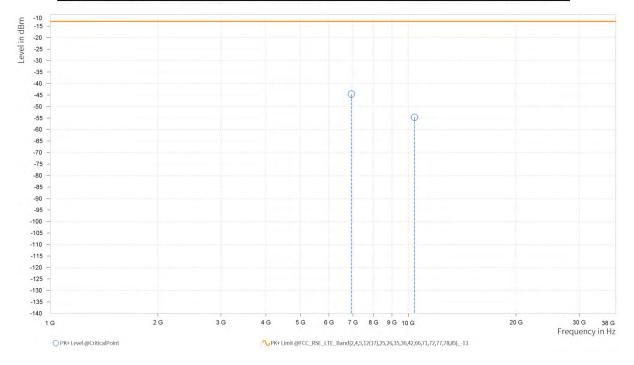
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | Margin | Correction [dB] | Polarization | Azipouth | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|--------|--------------------|--------------|----------|--------------------------|
| 5 | 6,937.020 | -45.23 | -13.00 | 32.23 | 30.26 | Н | 159.8 | 2.00 |
| 6 | 10,405.530 | -53.85 | -13.00 | 40.85 | 16.09 | Н | 94.6 | 2.00 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS 23deg. C, 70%RH | | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | and the second | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|--|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,937.020 | -44.59 | -13.00 | 31.59 | 30.30 | V | 359.1 | 1.00 |
| 6 | 10,405.530 | -54.68 | -13.00 | 41.68 | 15.91 | V | 359 | 2.00 |

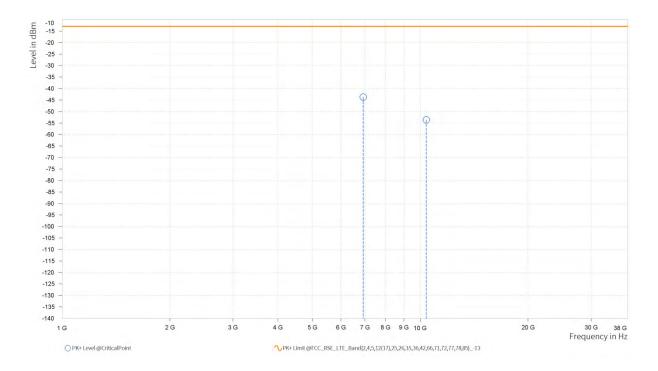




CHANNEL BANDWIDTH: 80MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | | | |
|---|---------------------|-----------------|---------------|--|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | | |
| TESTED BY | TESTED BY Hanwen Xu | | | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |

| F | Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|---|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| | 5 | 6,928.020 | -43.68 | -13.00 | 30.68 | 30.27 | Н | 129.5 | 1.00 |
| | 6 | 10,392.030 | -53.62 | -13.00 | 40.62 | 16.02 | Н | 30.3 | 2.00 |

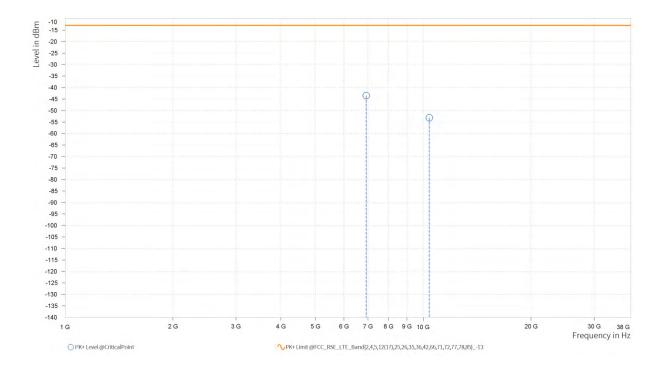


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| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS 23deg. C, 70%RH | | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | the second s | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|--|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,928.020 | -43.50 | -13.00 | 30.50 | 30.29 | V | 1 | 2.00 |
| 6 | 10,392.030 | -53.13 | -13.00 | 40.13 | 15.81 | V | 1 | 1.00 |

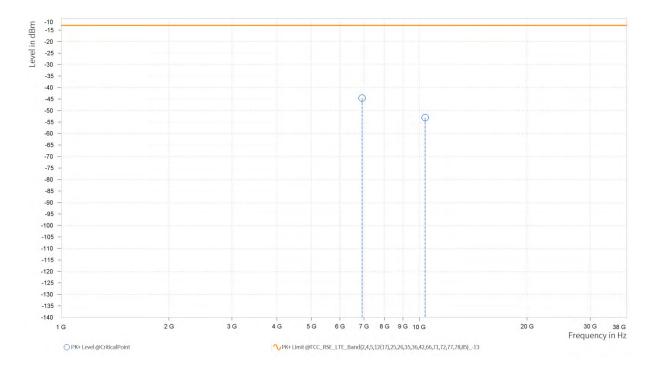




CHANNEL BANDWIDTH: 90MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTENN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

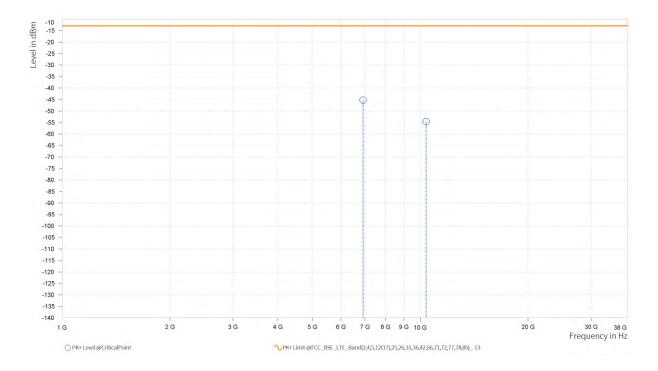
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,919.020 | -44.60 | -13.00 | 31.60 | 30.28 | H | 234.8 | 2.00 |
| 6 | 10,378.530 | -53.07 | -13.00 | 40.07 | 15.95 | Н | 149.9 | 2.00 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTEN | ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | | PK+ Limit [dBm] | Margin | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|--------|-----------------------|--------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,919.020 | -45.23 | -13.00 | 32.23 | 30.28 | V | 101 | 2.00 |
| 6 | 10,378.530 | -54.62 | -13.00 | 41.62 | 15.72 | ٧ | 153.5 | 1.00 |

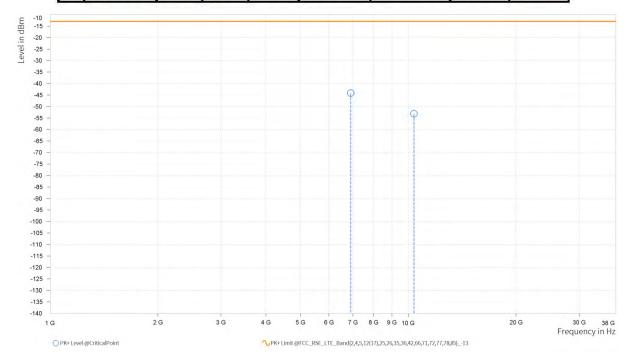




CHANNEL BANDWIDTH: 100MHz / QPSK

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

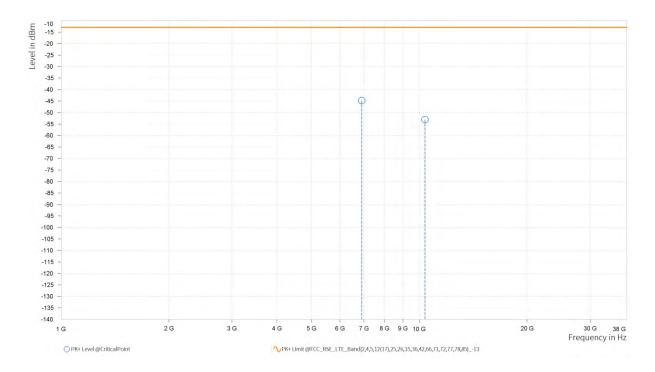
| Rg | Frequency [MHz] | and the second se | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|---|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,910.020 | -44.15 | -13.00 | 31.15 | 30.29 | Н | 1.3 | 2.00 |
| 6 | 10,365.030 | -53.16 | -13.00 | 40.16 | 15.88 | Н | 203.8 | 2.00 |





| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTEN | ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | Margin | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|--------|--------------------|--------------|------------------|--------------------------|
| 5 | 6,910.020 | -44.77 | -13.00 | 31.77 | 30.26 | - V | 198.8 | 1.00 |
| 6 | 10,365.030 | -53.08 | -13.00 | 40.08 | 15.62 | ٧ | 263.1 | 1.00 |

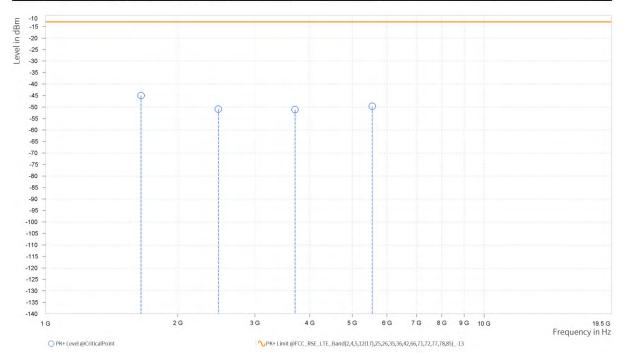




DC_2A-N5A

| MODE | TX channel 167300 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

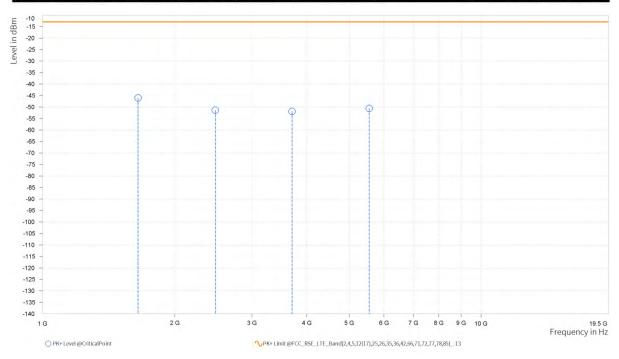
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,650.000 | -45.00 | -13.00 | 32.00 | 23.80 | H | 176 | 2.00 |
| 3 | 2,475.000 | -50.87 | -13.00 | 37.87 | 19.35 | Н | 99.6 | 2.00 |
| 4 | 3,702.000 | -51.11 | -13.00 | 38.11 | 20.97 | H | 359 | 1.00 |
| 4 | 5,553.000 | -49.67 | -13.00 | 36.67 | 23.75 | Н | 1 | 1.00 |





| MODE | TX channel 167300 | FREQUENCY RANGE | Above 1000MHz | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | TESTED BY Hanwen Xu | | | | | |
| | ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

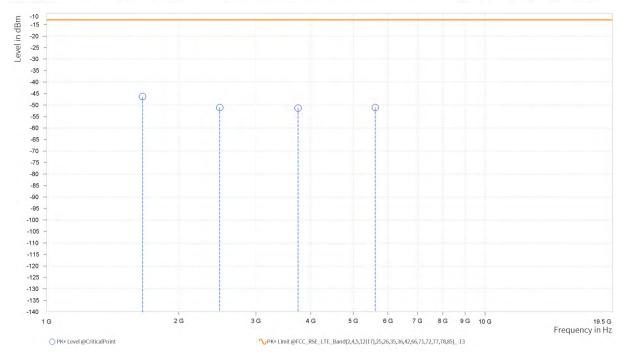
| Rg | Frequency [MHz] | Level | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|--------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,650.000 | -46.01 | -13.00 | 33.01 | 23.29 | V | 359 | 2.00 |
| 3 | 2,475.000 | -51.34 | -13.00 | 38.34 | 19.60 | V | 334.6 | 1.00 |
| 4 | 3,702.000 | -51.90 | -13.00 | 38.90 | 21.56 | ٧ | 97.6 | 1.00 |
| 4 | 5,553.000 | -50.59 | -13.00 | 37.59 | 24.45 | V | 359 | 2.00 |





| MODE | TX channel 167300 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

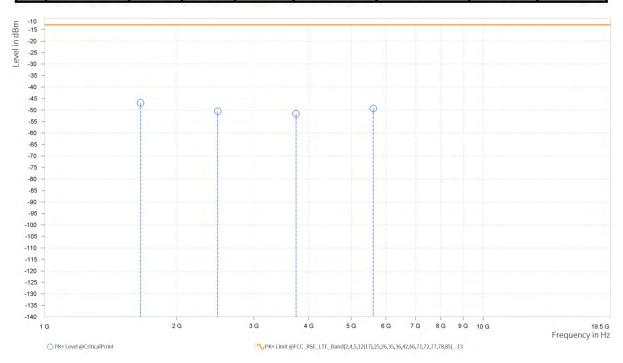
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,655.000 | -46.35 | -13.00 | 33.35 | 24.06 | Н | 135.8 | 2.00 |
| 3 | 2,482.500 | -51.08 | -13.00 | 38.08 | 19.58 | . Н | 359.1 | 1.00 |
| 4 | 3,742.000 | -51.29 | -13.00 | 38.29 | 20.95 | Н | 343.2 | 1.00 |
| 4 | 5,613.000 | -51.07 | -13.00 | 38.07 | 23.99 | Н | 68.6 | 2.00 |





| MODE | TX channel 167300 | FREQUENCY RANGE | Above 1000MHz |
|-----------------------------|-----------------------|----------------------|---------------|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Hanwen Xu | | |
| ANTE | NNA POLARITY & TEST D | ISTANCE: VERTICAL AT | 3 M |

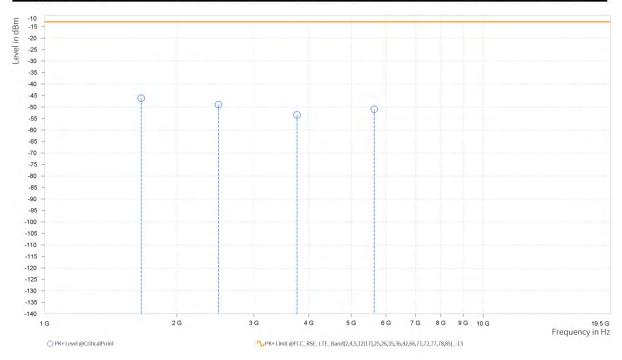
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,655.000 | -46.88 | -13.00 | 33.88 | 23.23 | V | 124.4 | 2.00 |
| 3 | 2,482.500 | -50.50 | -13.00 | 37.50 | 19.81 | V | 290.7 | 2.00 |
| 4 | 3,742.000 | -51.59 | -13.00 | 38.59 | 21.60 | V | 359 | 1.00 |
| 4 | 5,613.000 | -49.29 | -13.00 | 36.29 | 24.43 | V | 108.8 | 2.00 |





| MODE | TX channel 167300 | FREQUENCY RANGE | Above 1000MHz | | |
|---|-------------------|-----------------|---------------|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | |
| TESTED BY | Hanwen Xu | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | |

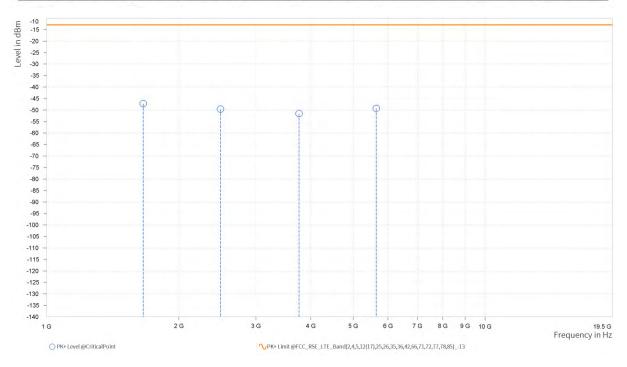
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,660.000 | -46.13 | -13.00 | 33.13 | 24.30 | Н | 1 | 1.00 |
| 3 | 2,490.000 | -48.96 | -13.00 | 35.96 | 19.80 | Н | 334.6 | 1.00 |
| 4 | 3,762.000 | -53.42 | -13.00 | 40.42 | 21.23 | Н | 93.3 | 1.00 |
| 4 | 5,643.000 | -50.96 | -13.00 | 37.96 | 24.12 | H | 341.8 | 1.00 |





| MODE | TX channel 167300 | FREQUENCY RANGE | Above 1000MHz | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTE | ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,660.000 | -47.19 | -13.00 | 34.19 | 23.18 | V | 31 | 2.00 |
| 3 | 2,490.000 | -49.55 | -13.00 | 36.55 | 20.02 | ۷ | 22.5 | 2.00 |
| 4 | 3,762.000 | -51.55 | -13.00 | 38.55 | 21.69 | V | 67.8 | 2.00 |
| 4 | 5,643.000 | -49.28 | -13.00 | 36.28 | 24.47 | V | 265.3 | 2.00 |

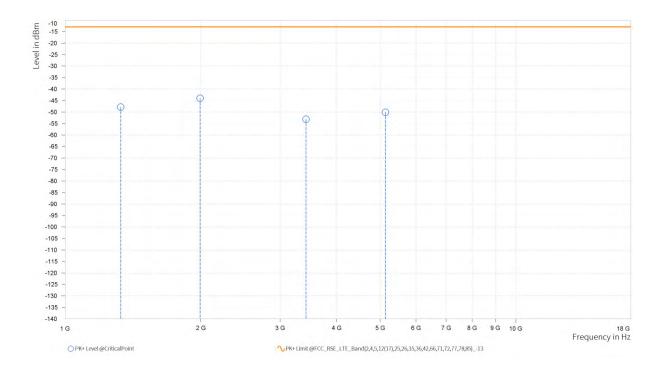




DC_66A_N71A

| MODE | TX channel 136100 | FREQUENCY RANGE | Above 1000MHz | | | | | |
|---|-------------------|-----------------|---------------|--|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | | |
| TESTED BY | Hanwen Xu | | | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |

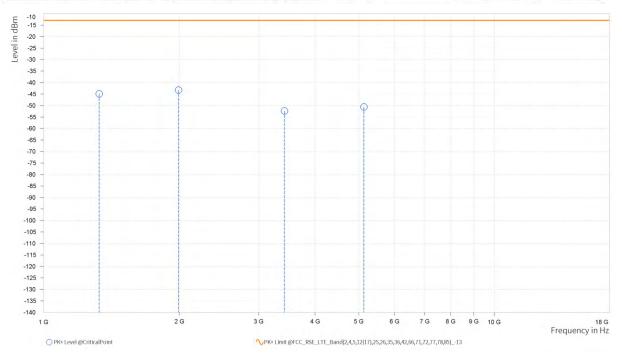
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,328.000 | -47.85 | -13.00 | 34.85 | 22.29 | H | 28.9 | 2.00 |
| 2 | 1,992.000 | -43.96 | -13.00 | 30.96 | 27.50 | H | 324.7 | 2.00 |
| 4 | 3,422.000 | -53.14 | -13.00 | 40.14 | 20.65 | Н | 350.9 | 1.00 |
| 4 | 5,133.000 | -50.07 | -13.00 | 37.07 | 23.08 | Н | 94.7 | 1.00 |





| MODE | TX channel 136100 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

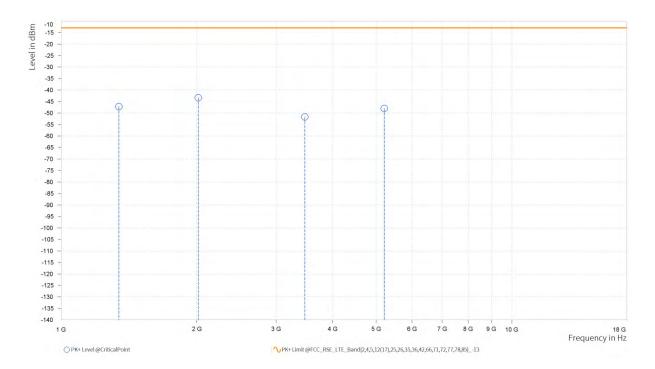
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,328.000 | -44.91 | -13.00 | 31.91 | 23.35 | V | 359 | 2.00 |
| 2 | 1,992.000 | -43.23 | -13.00 | 30.23 | 27.49 | V | 34.6 | 1.00 |
| 4 | 3,422.000 | -52.36 | -13.00 | 39.36 | 21.01 | V | 120.2 | 2.00 |
| 4 | 5,133.000 | -50.62 | -13.00 | 37.62 | 23.40 | V | 16.1 | 2.00 |





| MODE | TX channel 136100 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTEN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

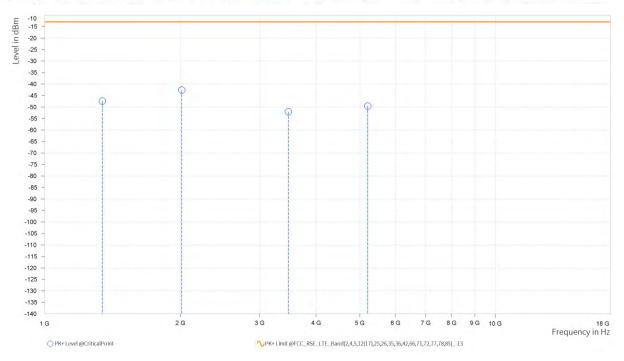
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,343.000 | -47.17 | -13.00 | 34.17 | 22.33 | H | 82.6 | 2.00 |
| 2 | 2,014.500 | -43.31 | -13.00 | 30.31 | 27.20 | Н | 334.6 | 1.00 |
| 4 | 3,472.000 | -51.69 | -13.00 | 38.69 | 20.43 | Н | 94.7 | 1.00 |
| 4 | 5,208.000 | -47.97 | -13.00 | 34.97 | 23.47 | Н | 359 | 2.00 |





| MODE | TX channel 136100 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTE | ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

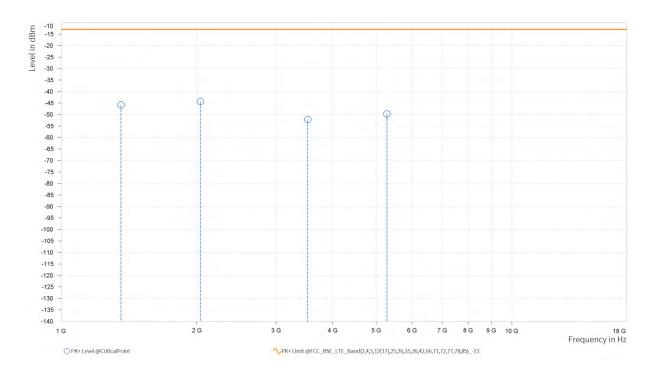
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,343.000 | -47.38 | -13.00 | 34.38 | 23.15 | V | 1 | 1.00 |
| 2 | 2,014.500 | -42.63 | -13.00 | 29.63 | 27.56 | V | 172.6 | 1.00 |
| 4 | 3,472.000 | -52.06 | -13.00 | 39.06 | 21.15 | V | 359.1 | 1.00 |
| 4 | 5,208.000 | -49.55 | -13.00 | 36.55 | 24.07 | V | 95.4 | 1.00 |





| MODE | TX channel 136100 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTEN | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

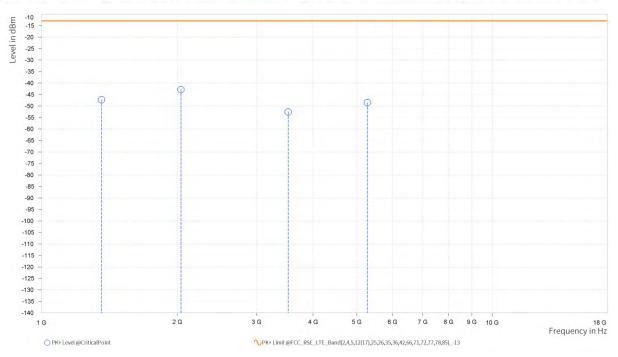
| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,358.000 | -45.81 | -13.00 | 32.81 | 22.34 | Н | 359 | 2.00 |
| 2 | 2,037.000 | -44.29 | -13.00 | 31.29 | 26.91 | — H — | 187.4 | 2.00 |
| 4 | 3,522.000 | -52.19 | -13.00 | 39.19 | 20.61 | H | 65 | 2.00 |
| 4 | 5,283.000 | -49.76 | -13.00 | 36.76 | 23.61 | Н | 317 | 1.00 |





| MODE | TX channel 136100 | FREQUENCY RANGE | Above 1000MHz | | | | |
|-----------------------------|---|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | | | | | | |
| ANTE | ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 2 | 1,358.000 | -47.23 | -13.00 | 34.23 | 23.36 | V | 172.6 | 1.00 |
| 2 | 2,037.000 | -42.83 | -13.00 | 29.83 | 27.46 | V | 172.6 | 1.00 |
| 4 | 3,522.000 | -52.54 | -13.00 | 39.54 | 21.19 | V | 118.8 | 2.00 |
| 4 | 5,283.000 | -48.52 | -13.00 | 35.52 | 24.12 | V | 65.7 | 2.00 |



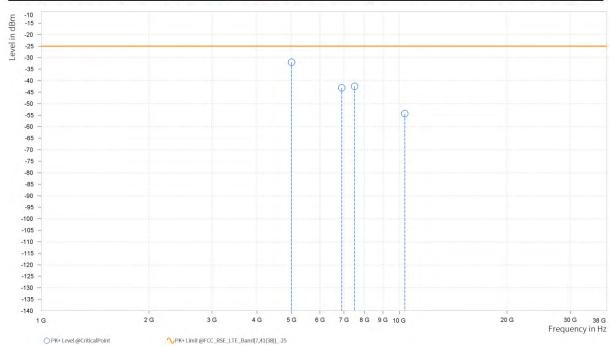


DC_7A-N78A:

CHANNEL BANDWIDTH: (20+90) MHz

| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 4 | 5,002.000 | -31.99 | -25.00 | 6.99 | 32.89 | H | 171.8 | 2.00 |
| 5 | 6,909.000 | -43.14 | -25.00 | 18,14 | 30.29 | Н | 0.9 | 2.00 |
| 5 | 7,503.000 | -42.46 | -25.00 | 17.46 | 30.26 | Н | 359 | 2.00 |
| 6 | 10,363.500 | -54.33 | -25.00 | 29.33 | 15.87 | H | 106 | 2.00 |

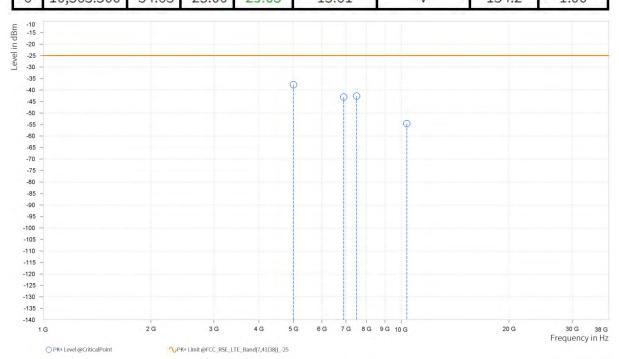


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| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | | |
|---|-------------------|-----------------|---------------|--|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | | |
| TESTED BY | Hanwen Xu | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 4 | 5,002.000 | -37.66 | -25.00 | 12.66 | 33.11 | V | 283.7 | 1.00 |
| 5 | 6,909.000 | -43.01 | -25.00 | 18.01 | 30.26 | V | 192.4 | 1.00 |
| 5 | 7,503.000 | -42.63 | -25.00 | 17.63 | 30.24 | V | 19 | 2.00 |
| 6 | 10,363.500 | -54.63 | -25.00 | 29.63 | 15.61 | V | 154.2 | 1.00 |



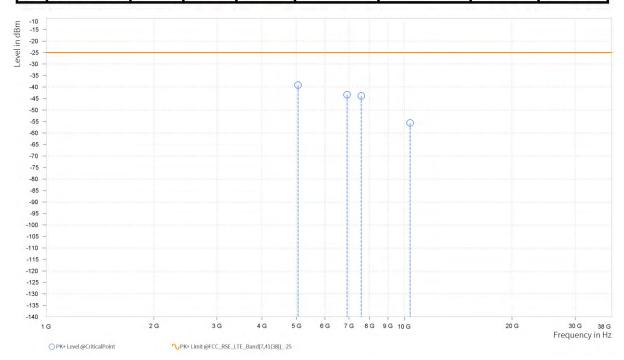


| MODE | | TX channel 633334 23deg. C, 70%RH | | | FREQ | | E Above | Above 1000MHz AC 120V/60HZ | |
|--|--------------------|--------------------------------------|----------|-----------------------|---------------|-------|--------------|-------------------------------|--------------------------|
| ENVIRONMENTAL CONDITIONS | | | | | INPUT | POWER | AC 12 | | |
| TES | TED BY | | Hanwen X | ίu | | | | | |
| | AN | ITENN | A POLARI | TY & TES | | NCE: | HORIZONTAL | AT 3 M | |
| Rg | Frequency [MHz] | PK+ Leve [dBm | l Limit | PK+ Margin [dB] | Correc [dl | | Polarization | Azimuth [deg] | Antenna Height [m] |
| 4 | 5,052.000 | -35.4 | 7 -25.00 | 10.47 | 33. | 22 | H | 173.9 | 2.00 |
| 5 | 6,919.020 | -43.8 | 0 -25.00 | 18.80 | 30. | 28 | H | 251.1 | 1.00 |
| 5 | 7,578.000 | -43,4 | 9 -25.00 | 18.49 | 30. | 18 | H | 15.4 | 2.00 |
| 6 | 10,378.530 | -55.4 | 4 -25.00 | 30.44 | 15. | 95 | Н | 205.1 | 2.00 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | | |
| -130 — -135 — -140 | | | | | | | | | |
| -140 | G | 2 G | 3 G | 4 G | 5G 6G | 7G 8G | 9 G 10 G | 20 G | 30 G 3 |



| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY Hanwen Xu | | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 4 | 5,052.000 | -39.13 | -25.00 | 14.13 | 33.63 | ٧ | 280.2 | 1.00 |
| 5 | 6,919.020 | -43.31 | -25.00 | 18.31 | 30.28 | V | 1 | 1.00 |
| 5 | 7,578.000 | -43.84 | -25.00 | 18.84 | 29.97 | V | 23.2 | 2.00 |
| 6 | 10,378.530 | -55.62 | -25.00 | 30.62 | 15.72 | V | 0.9 | 2.00 |



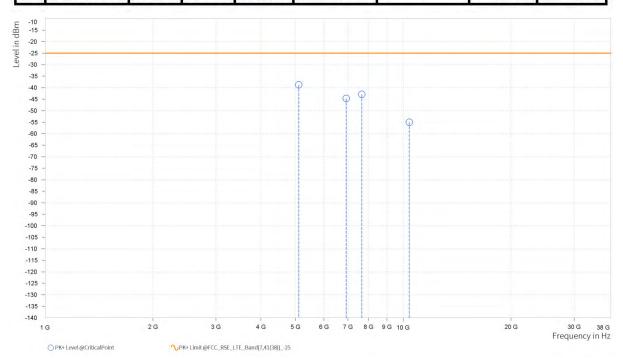


| MODE | | TX channe | el 633334 | FREQ | FREQUENCY RANGE | | Above 1000MHz | | |
|--|---|---------------------|-----------|-----------------------|--------------------|--------------|------------------|--------------------------|--|
| | IRONMENTAL DITIONS | 23deg. C, | 70%RH | INPUT | INPUT POWER | | AC 120V/60HZ | | |
| TESTED BY Hanwen Xu | | | | | | | | | |
| | ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
| Rg | Frequency [MHz] | PK+ Leve [dBm | l Limit | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] | |
| 4 | 5,102.000 | -32.0 | 6 -25.00 | 7.06 | 32.68 | Н | 174 | 2.00 | |
| 5 | 6,928.980 | -43.5 | 6 -25.00 | 18.56 | 30.27 | Н | 62.9 | 2.00 | |
| 5 | 7,653.000 | -43.5 | 4 -25.00 | 18.54 | 30.28 | Н | 165.4 | 2.00 | |
| 6 | 10,393.470 | -54.5 | 6 -25.00 | 29.56 | 16.03 | Н | 154.2 | 1.00 | |
| -10 -15 - -20 - -25 - -30 - -25 - -30 - -35 - -40 - -55 - -60 - -55 - -60 - -65 - -60 - -65 - -70 - -80 - -85 - -80 - -85 - -90 - -95 - -90 - -95 - -100 - -115 - -112 - -122 - -125 - - | | | | | | | | | |
| -130 — -135 — | | | | | | | | | |



| MODE | TX channel 633334 | FREQUENCY RANGE | Above 1000MHz | | | |
|---|-------------------|-----------------|---------------|--|--|--|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ | | | |
| TESTED BY | Hanwen Xu | | | | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | |

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------|------------------|--------------------------|
| 4 | 5,102.000 | -38.78 | -25.00 | 13.78 | 33.21 | V | 112.3 | 2.00 |
| 5 | 6,928.980 | -44.65 | -25.00 | 19.65 | 30.29 | V | 137.2 | 1.00 |
| 5 | 7,653.000 | -42.91 | -25.00 | 17.91 | 30.13 | V | 253.2 | 1.00 |
| 6 | 10,393.470 | -55.02 | -25.00 | 30.02 | 15.82 | V | 260.3 | 1.00 |



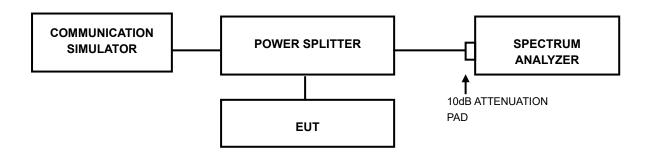


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

- 1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
- 2. Set the number of counts to a value that stabilizes the measured CCDF curve;
- 3. Record the maximum PAPR level associated with a probability of 0.1%.



3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd. Lab Address: Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

Suzhou EMC/RF Lab: Tel: +86 (0557) 368 1008



5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

--END--