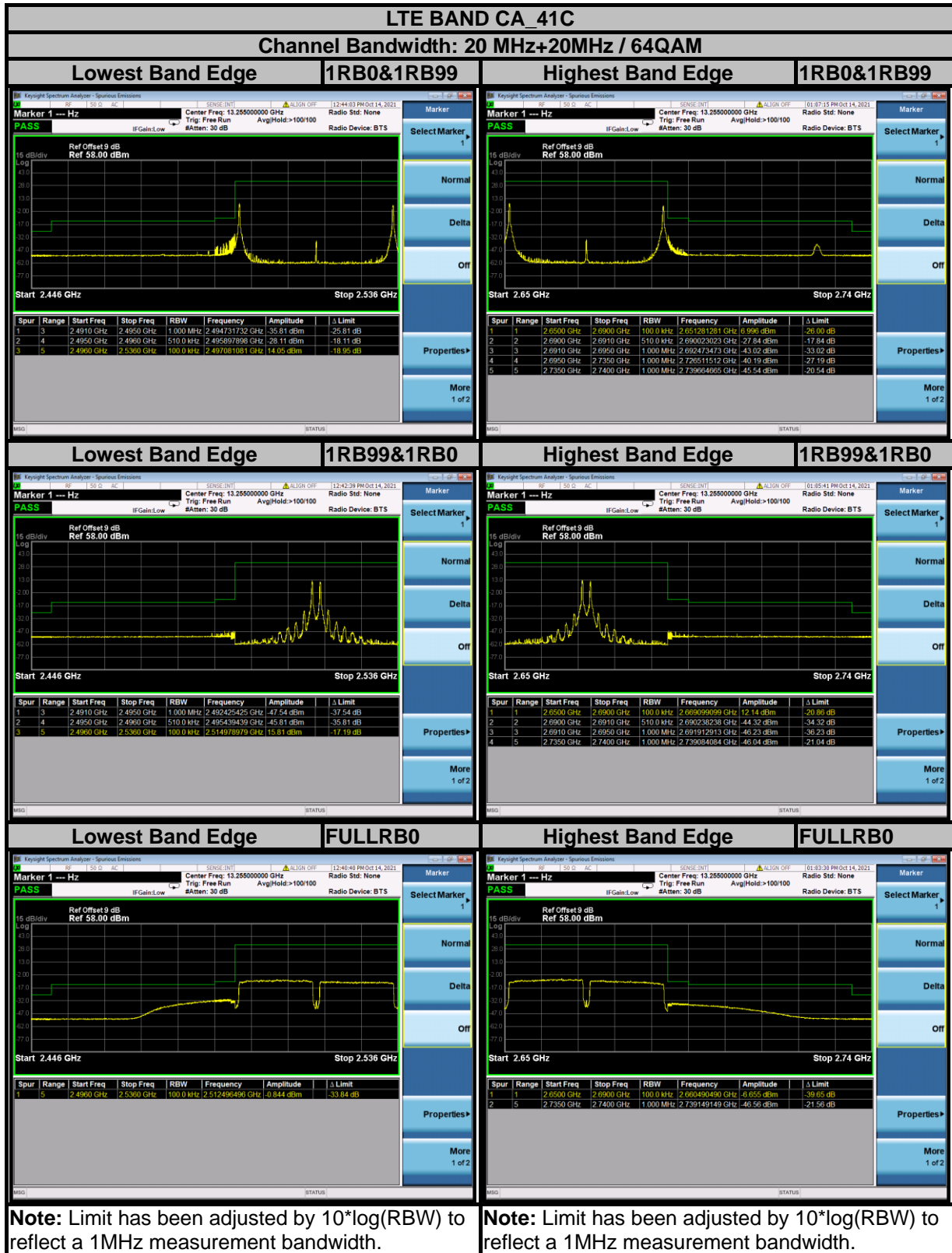




BUREAU VERITAS

Test Report No.: W7L-P21110009RF17



3.5 CONDUCTED SPURIOUS EMISSIONS

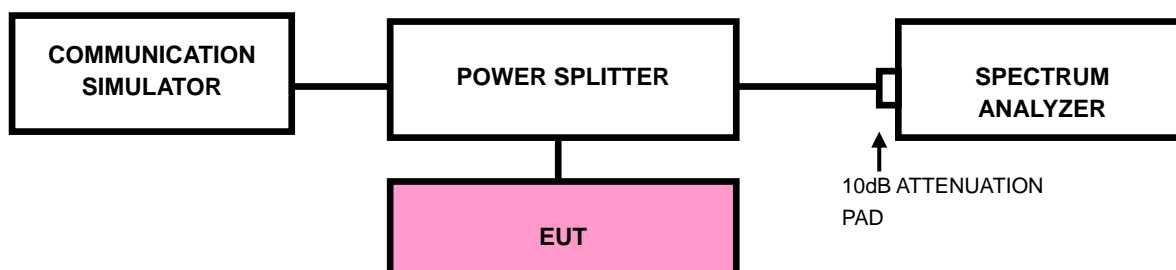
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30MHz~27GHz for LTE Band 7 & 30MHz~26.2GHz for LTE Band 38, 30MHz~27GHz for LTE Band 41. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

3.5.3 TEST SETUP

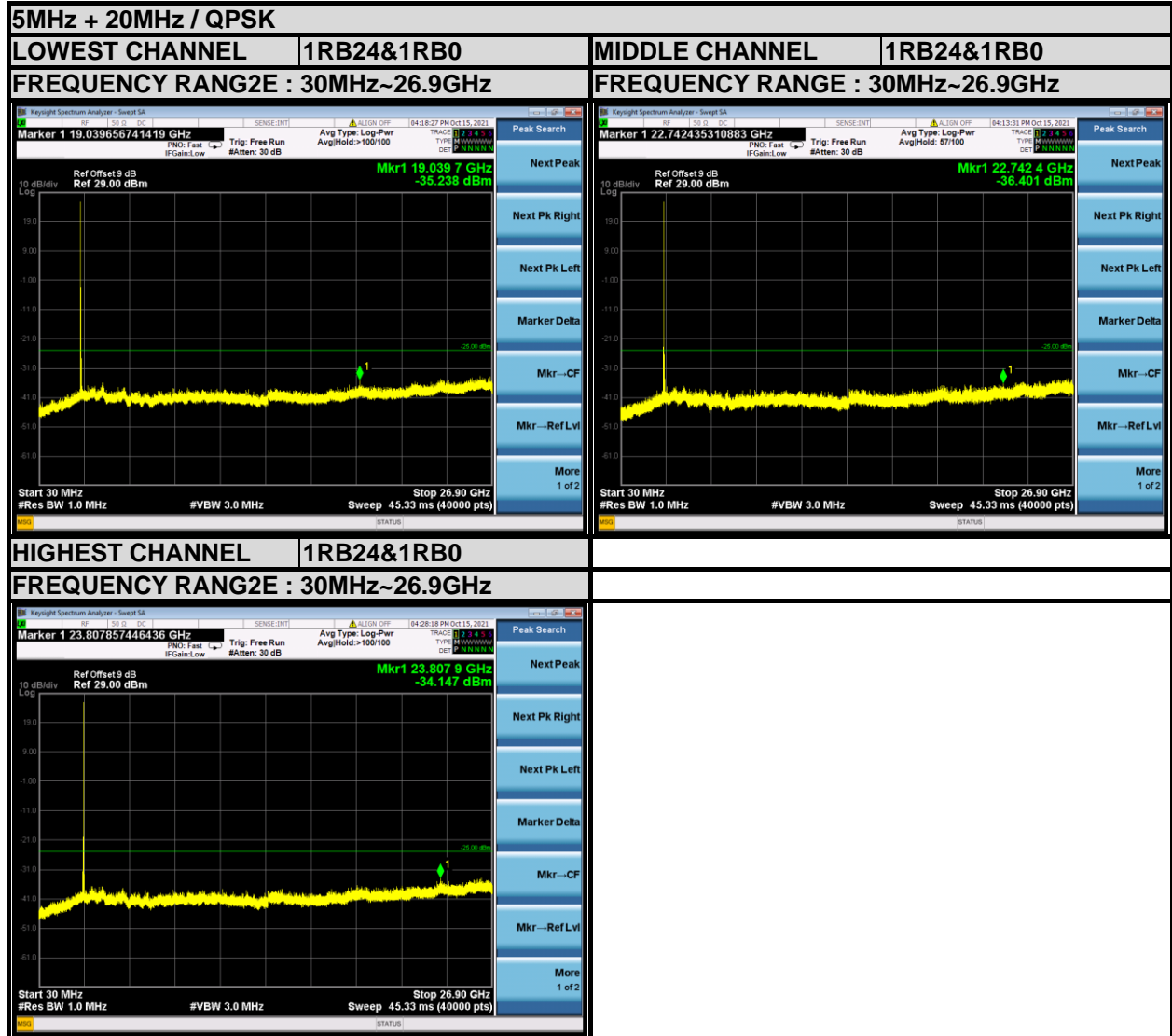




BUREAU VERITAS

Test Report No.: W7L-P21110009RF17

3.5.4 TEST RESULTS





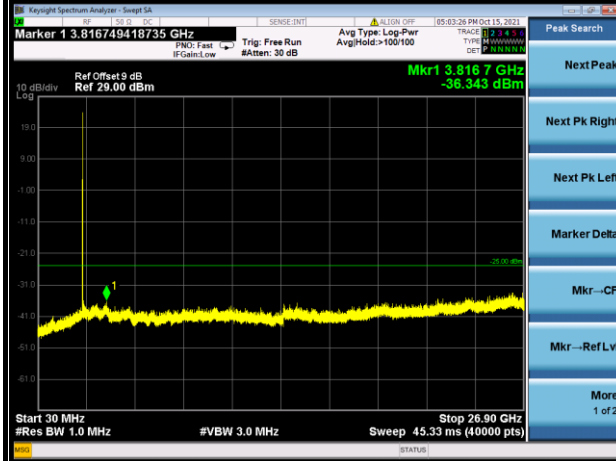
BUREAU VERITAS

Test Report No.: W7L-P21110009RF17

10MHz + 15MHz / QPSK

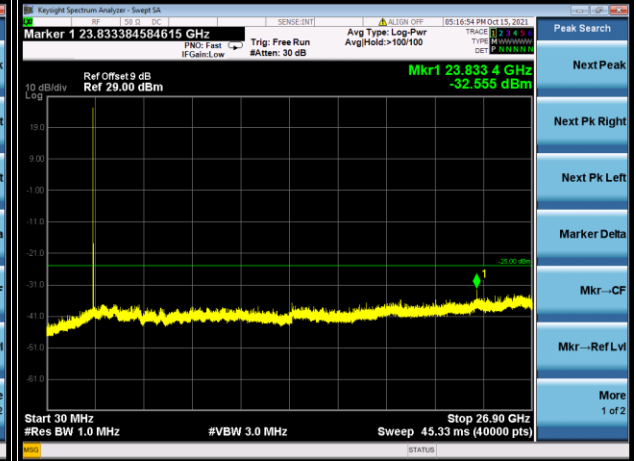
LOWEST CHANNEL 1RB49&1RB0

FREQUENCY RANG2E : 30MHz~26.9GHz



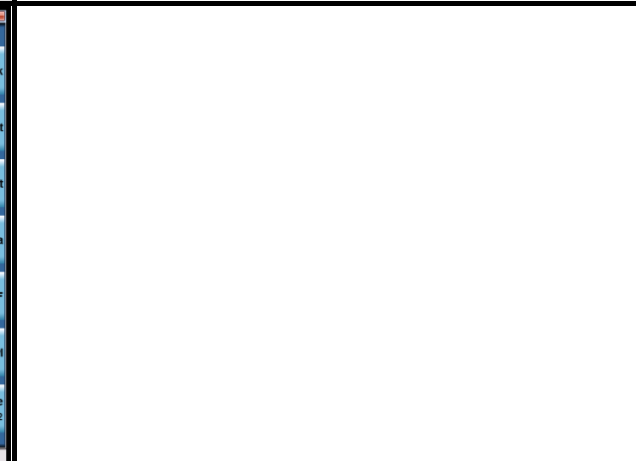
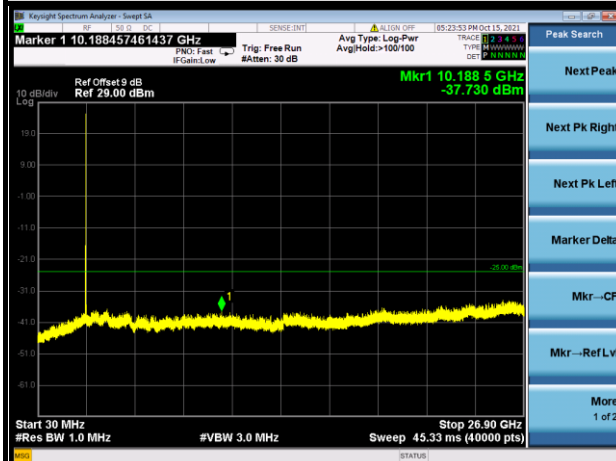
MIDDLE CHANNEL 1RB49&1RB0

FREQUENCY RANGE : 30MHz~26.9GHz



HIGHEST CHANNEL 1RB49&1RB0

FREQUENCY RANG2E : 30MHz~26.9GHz





BUREAU VERITAS

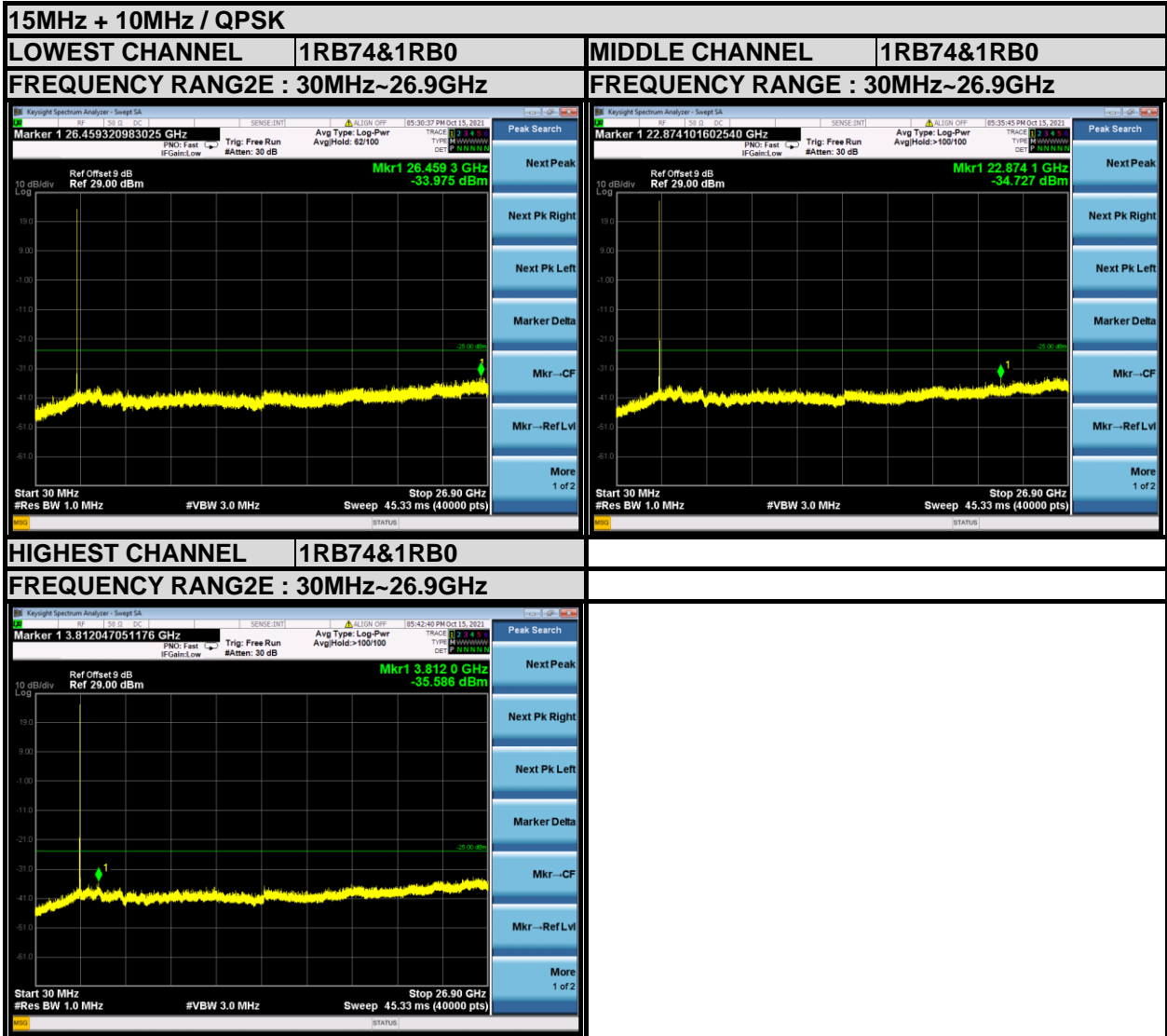
Test Report No.: W7L-P21110009RF17





BUREAU VERITAS

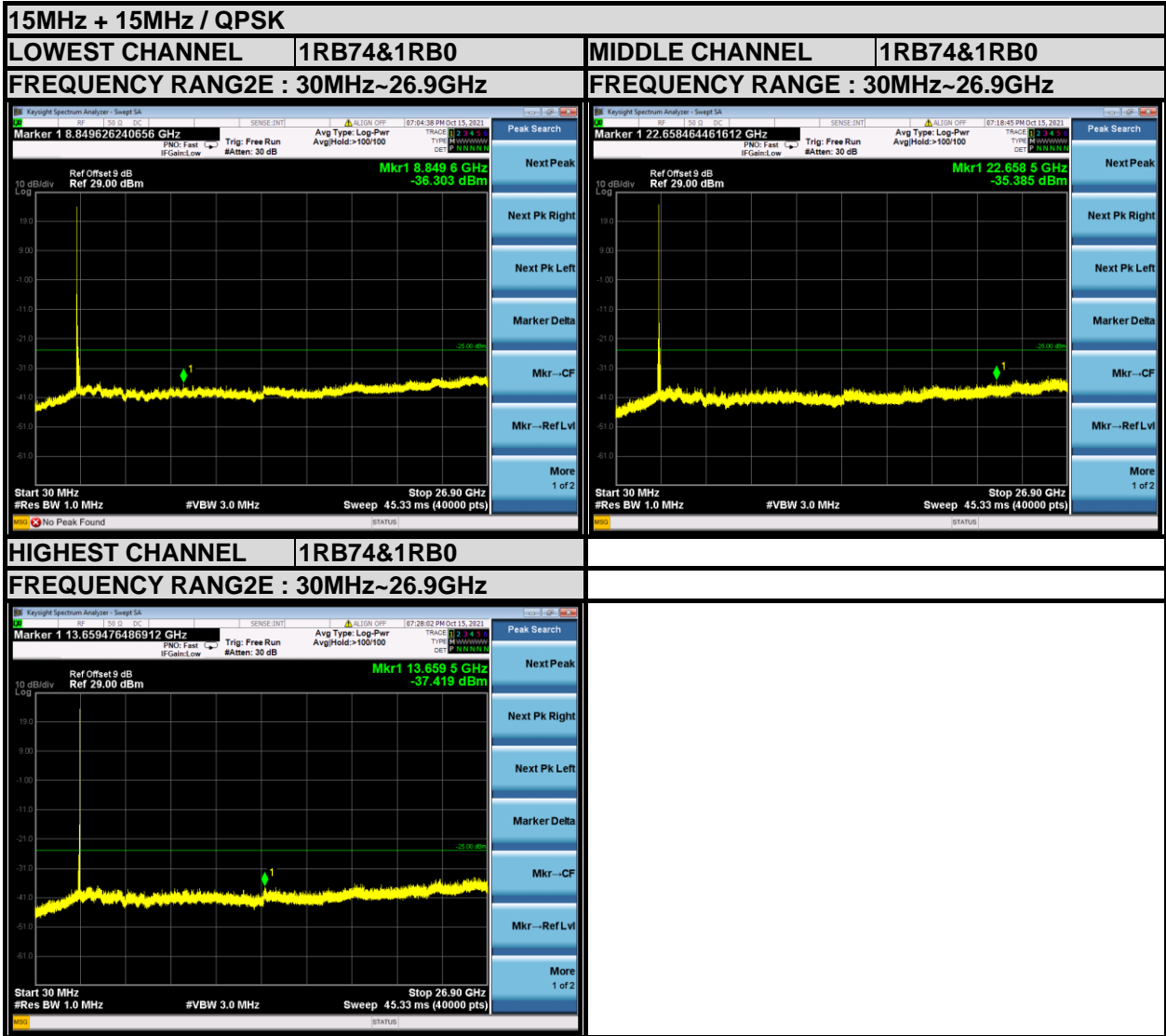
Test Report No.: W7L-P21110009RF17





BUREAU VERITAS

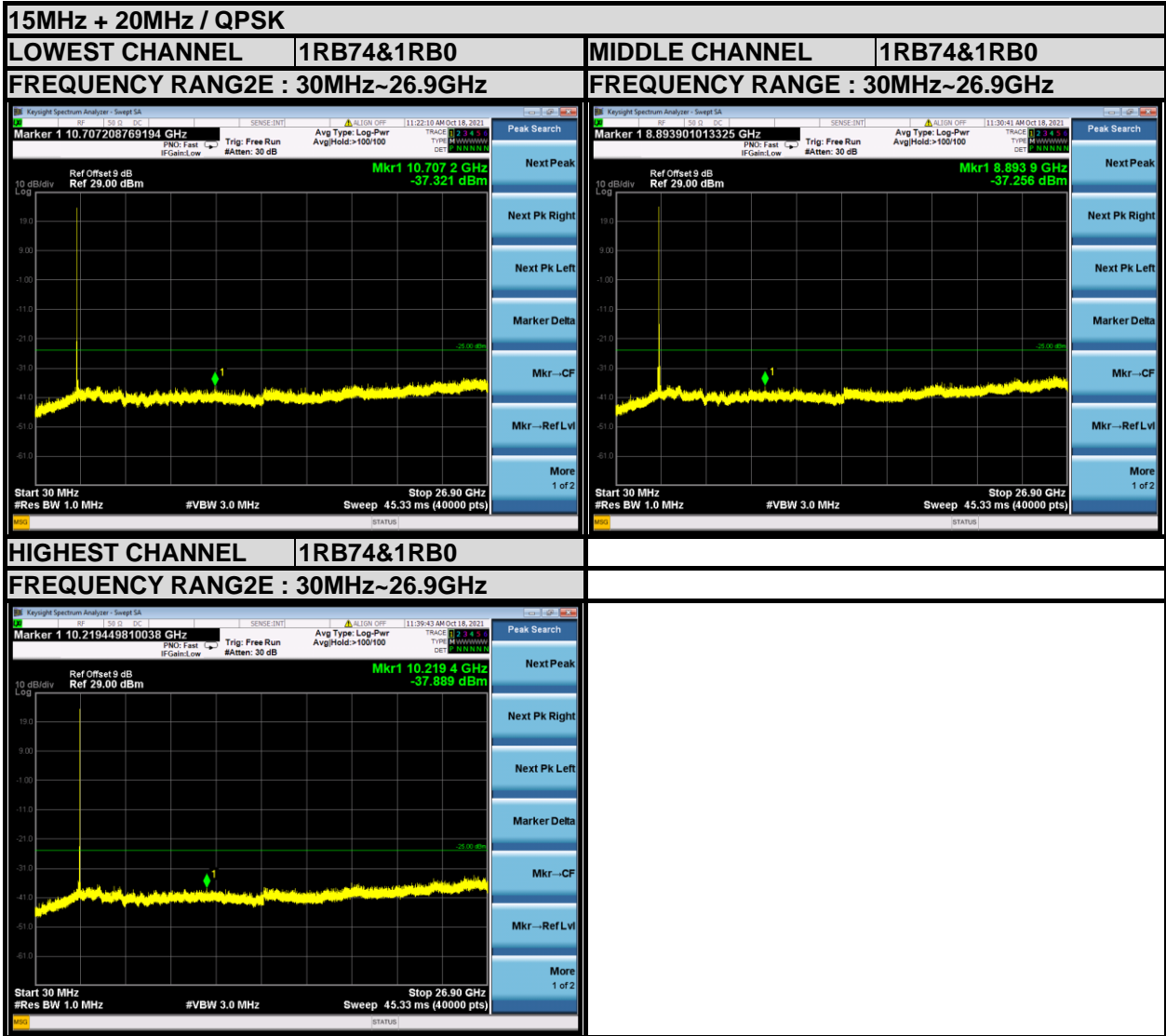
Test Report No.: W7L-P21110009RF17





BUREAU VERITAS

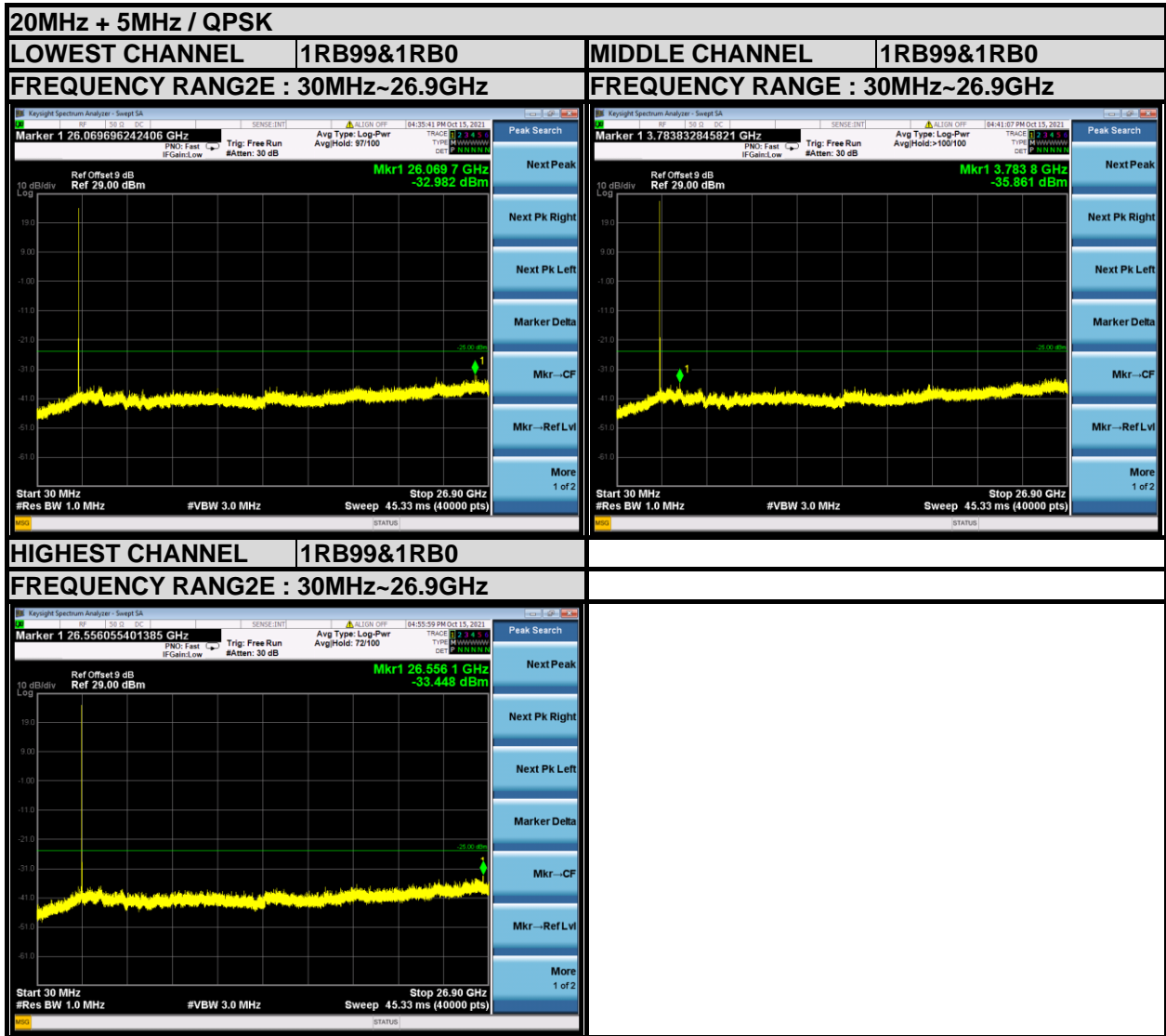
Test Report No.: W7L-P21110009RF17





BUREAU VERITAS

Test Report No.: W7L-P21110009RF17





BUREAU VERITAS

Test Report No.: W7L-P21110009RF17

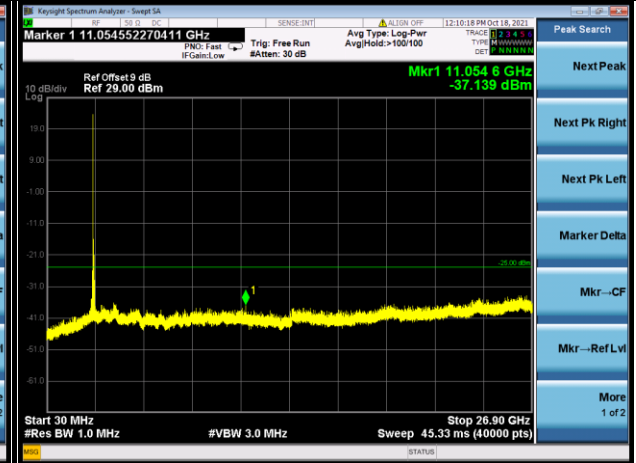
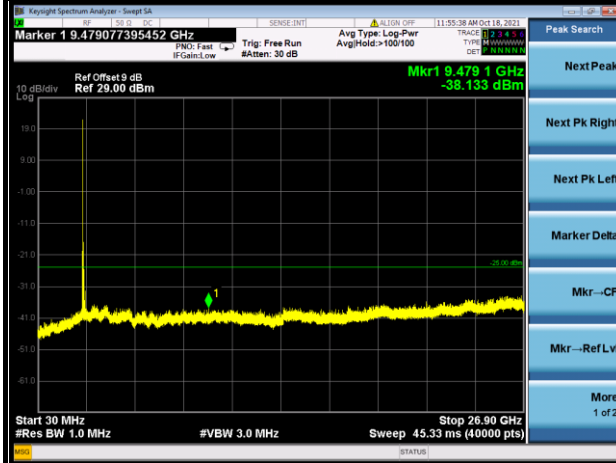
20MHz + 10MHz / QPSK

LOWEST CHANNEL 1RB99&1RB0

MIDDLE CHANNEL 1RB99&1RB0

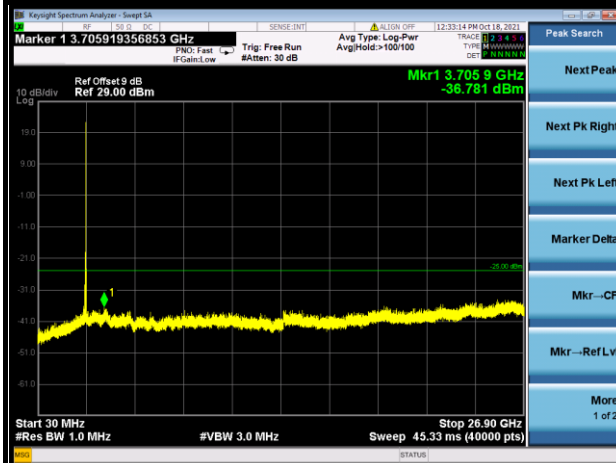
FREQUENCY RANG2E : 30MHz~26.9GHz

FREQUENCY RANGE : 30MHz~26.9GHz



HIGHEST CHANNEL 1RB99&1RB0

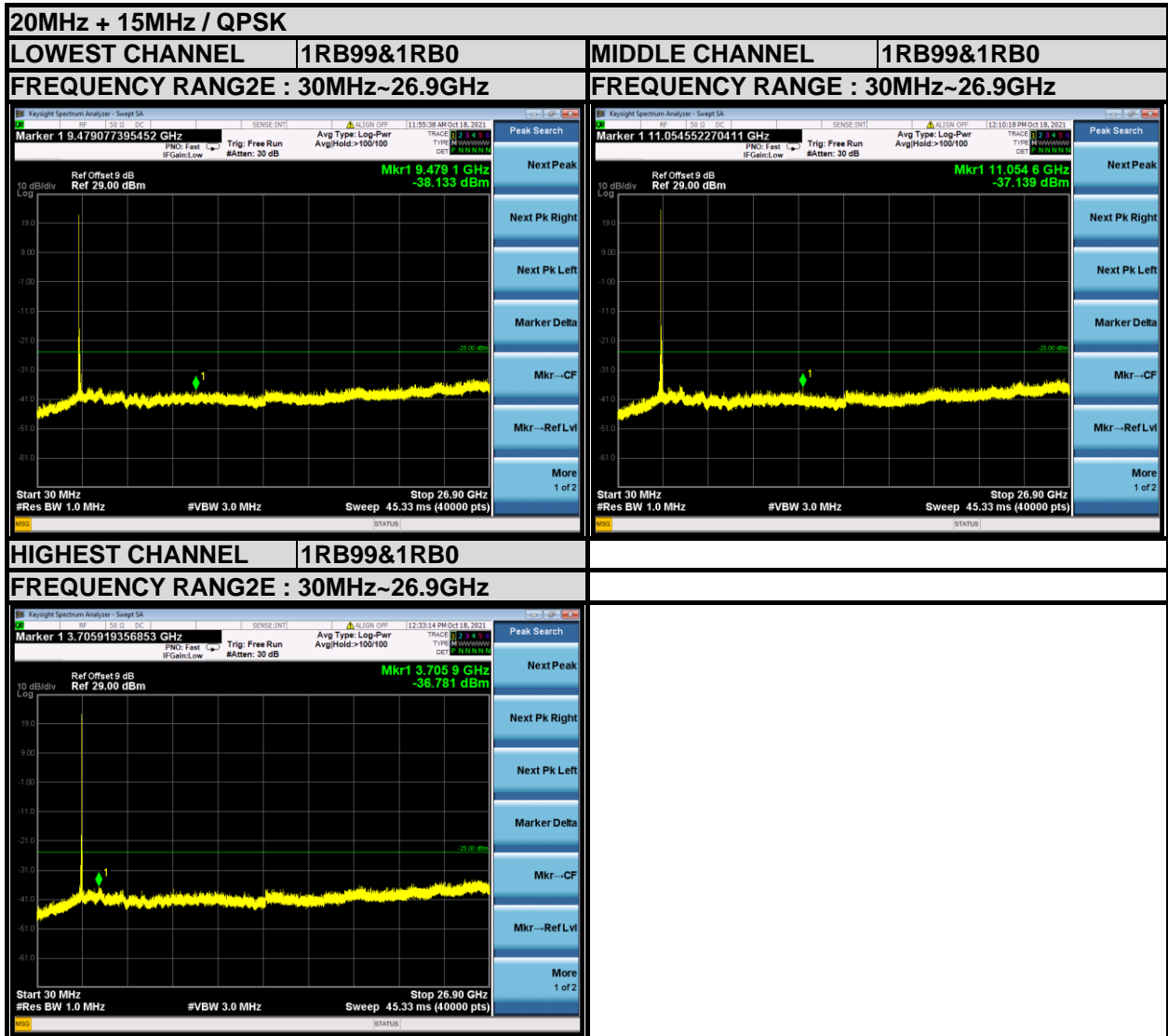
FREQUENCY RANG2E : 30MHz~26.9GHz





BUREAU VERITAS

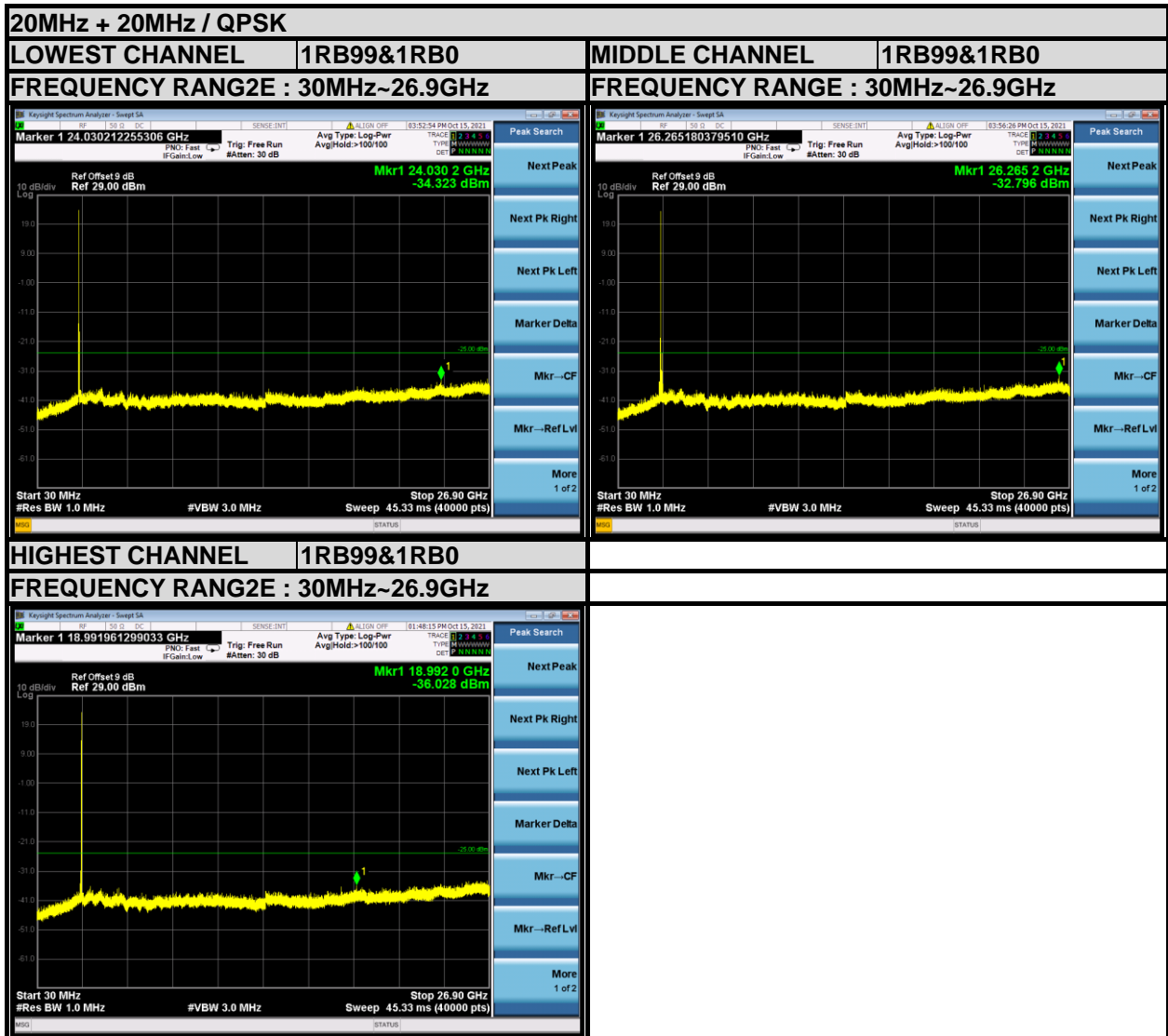
Test Report No.: W7L-P21110009RF17





BUREAU VERITAS

Test Report No.: W7L-P21110009RF17





3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G.
- c. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15\text{dBi}$.

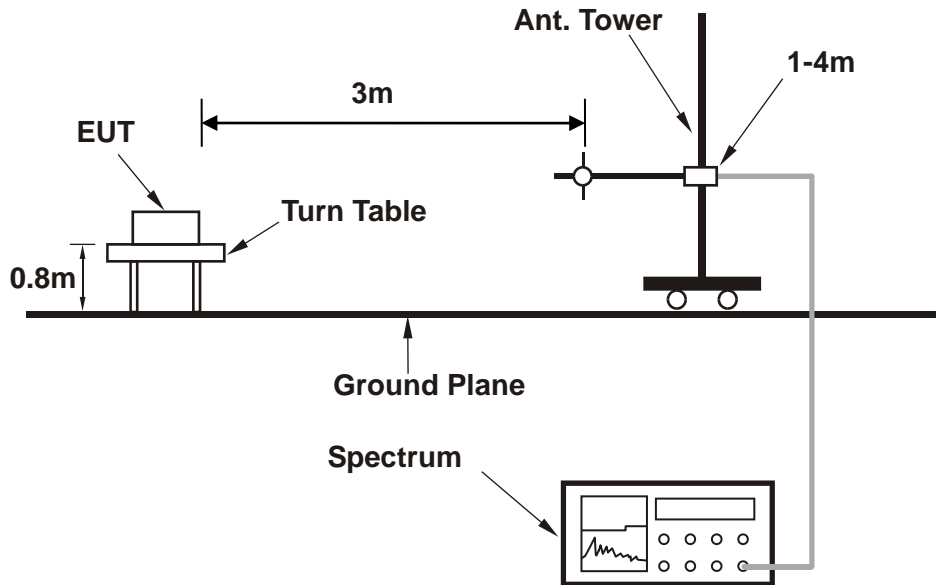
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

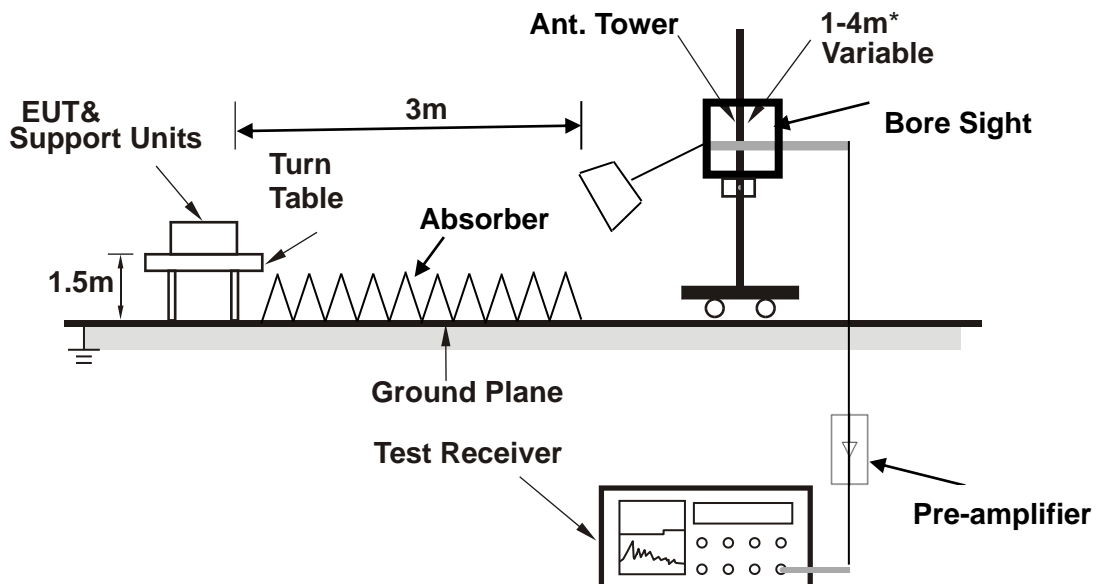
No deviation

3.6.4 TEST SETUP

< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



3.6.5 TEST RESULTS

BELOW 1GHz WORST-CASE DATA

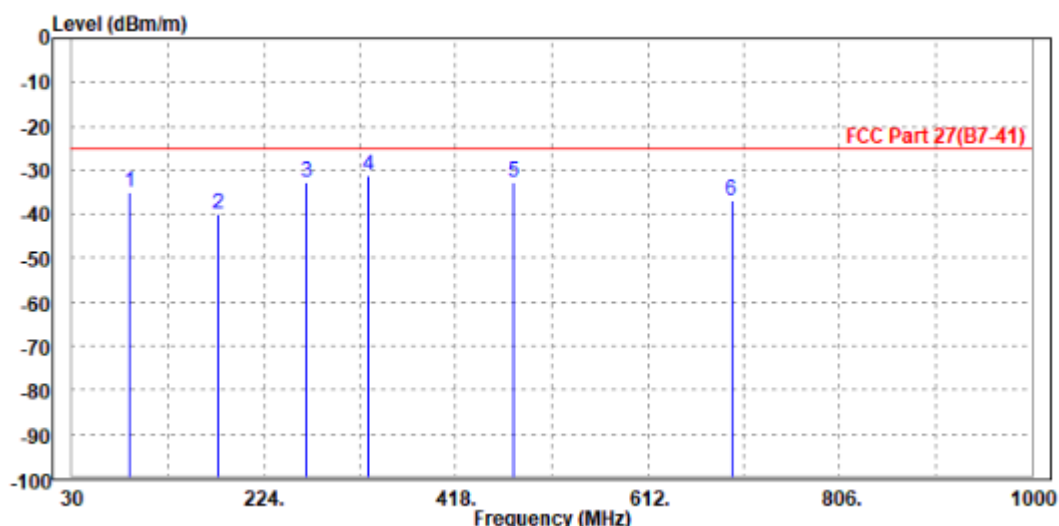
30 MHz – 1GHz data:

LTE Band CA_41C

CHANNEL BANDWIDTH: 20MHz + 5MHz

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 41440 | FREQUENCY RANGE | Below 1000MHz |
| | TX channel SCC 41557 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|---------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | 88.200 | -34.85 | -42.67 | -25.00 | -9.85 | 7.82 | Peak | Horizontal |
| 2 | 178.410 | -39.74 | -50.00 | -25.00 | -14.74 | 10.26 | Peak | Horizontal |
| 3 | 267.650 | -32.81 | -46.29 | -25.00 | -7.81 | 13.48 | Peak | Horizontal |
| 4 PP | 328.760 | -31.34 | -46.17 | -25.00 | -6.34 | 14.83 | Peak | Horizontal |
| 5 | 476.200 | -32.54 | -50.81 | -25.00 | -7.54 | 18.27 | Peak | Horizontal |
| 6 | 696.390 | -36.83 | -59.46 | -25.00 | -11.83 | 22.63 | Peak | Horizontal |

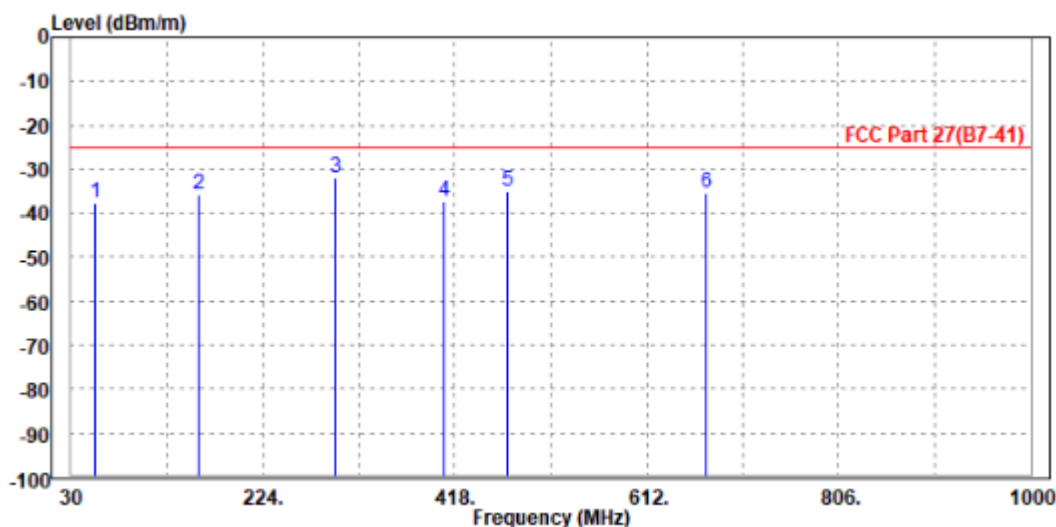




Test Report No.: W7L-P21110009RF17

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 41440 | FREQUENCY RANGE | Below 1000MHz |
| | TX channel SCC 41557 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|---------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | 55.220 | -37.79 | -46.22 | -25.00 | -12.79 | 8.43 | Peak | Vertical |
| 2 | 159.010 | -35.80 | -47.15 | -25.00 | -10.80 | 11.35 | Peak | Vertical |
| 3 PP | 296.750 | -31.79 | -46.71 | -25.00 | -6.79 | 14.92 | Peak | Vertical |
| 4 | 407.330 | -37.28 | -54.62 | -25.00 | -12.28 | 17.34 | Peak | Vertical |
| 5 | 470.380 | -34.87 | -53.41 | -25.00 | -9.87 | 18.54 | Peak | Vertical |
| 6 | 671.170 | -35.50 | -57.40 | -25.00 | -10.50 | 21.90 | Peak | Vertical |





BUREAU VERITAS

Test Report No.: W7L-P21110009RF17

ABOVE 1GHz

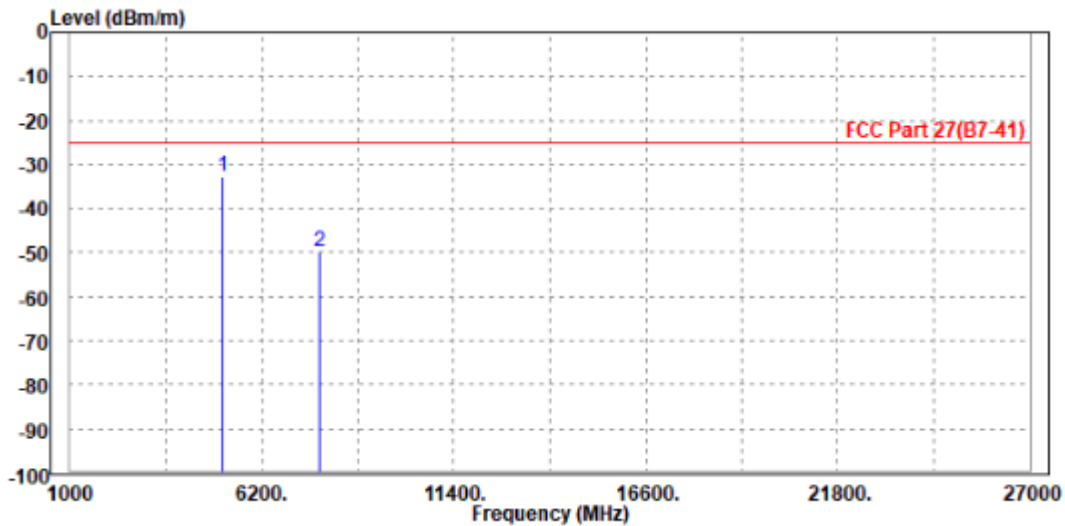
Note: For higher frequency, the emission is too low to be detected.

LTE Band CA_41C

CHANNEL BANDWIDTH: 5MHz + 20MHz

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40528 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40645 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -32.57 | -41.57 | -25.00 | -7.57 | 9.00 | Peak | Horizontal |
| 2 | 7751.400 | -49.81 | -61.27 | -25.00 | -24.81 | 11.46 | Peak | Horizontal |

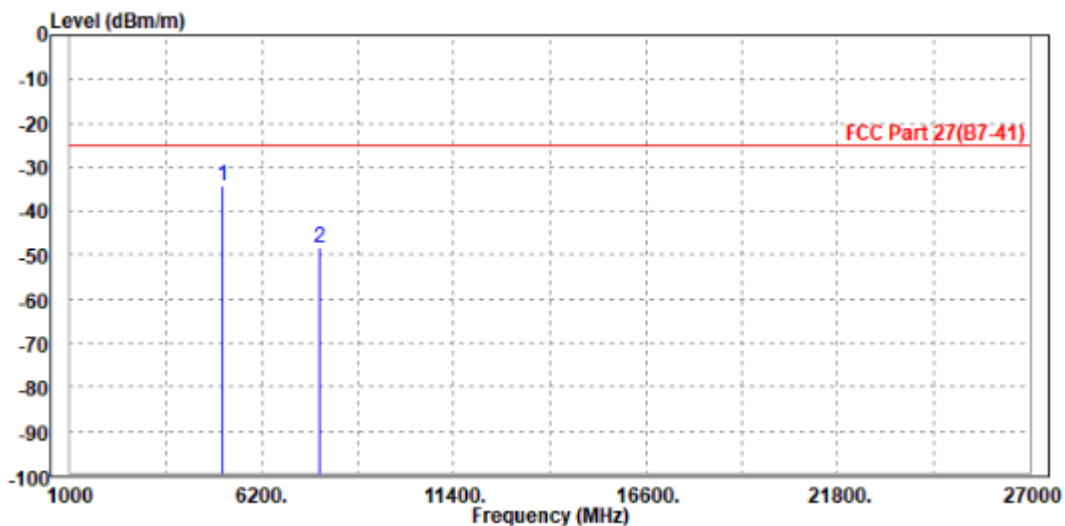




Test Report No.: W7L-P21110009RF17

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40528 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40645 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -34.19 | -44.03 | -25.00 | -9.19 | 9.84 | Peak | Vertical |
| 2 | 7751.400 | -48.25 | -61.09 | -25.00 | -23.25 | 12.84 | Peak | Vertical |



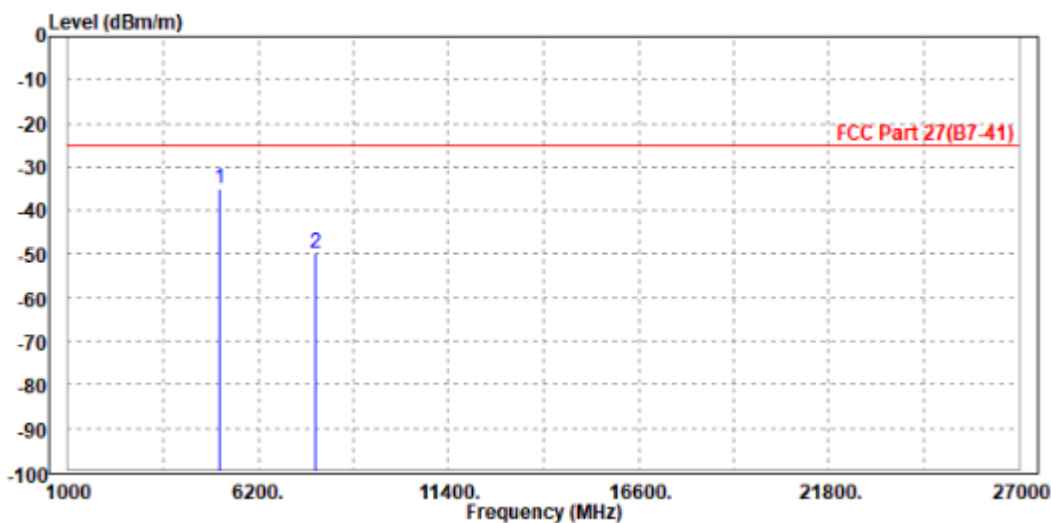


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 10 MHz + 15MHz

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40549 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40669 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 5160.000 | -34.91 | -43.91 | -25.00 | -9.91 | 9.00 | Peak | Horizontal |
| 2 | 7757.700 | -49.95 | -61.41 | -25.00 | -24.95 | 11.46 | Peak | Horizontal |

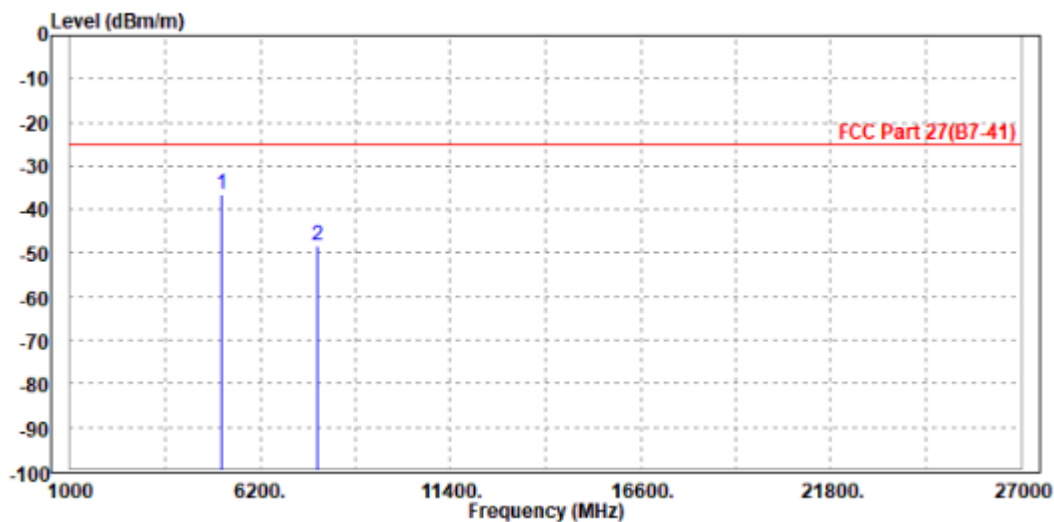




Test Report No.: W7L-P21110009RF17

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40549 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40669 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -36.43 | -46.27 | -25.00 | -11.43 | 9.84 | Peak | Vertical |
| 2 | 7757.700 | -48.35 | -61.19 | -25.00 | -23.35 | 12.84 | Peak | Vertical |



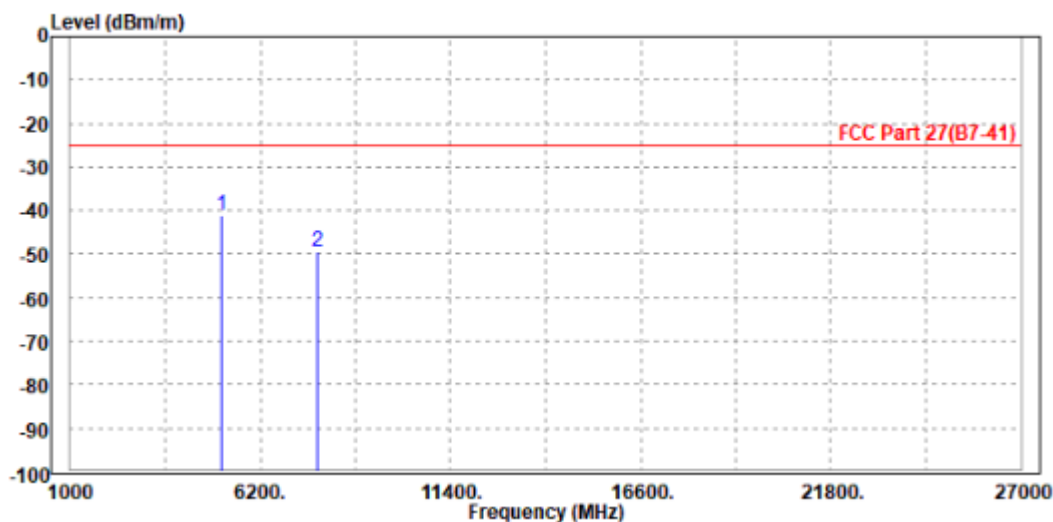


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 10 MHz + 20MHz

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40526 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40670 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 5160.000 | -41.16 | -50.16 | -25.00 | -16.16 | 9.00 | Peak | Horizontal |
| 2 | 7750.800 | -49.53 | -60.99 | -25.00 | -24.53 | 11.46 | Peak | Horizontal |

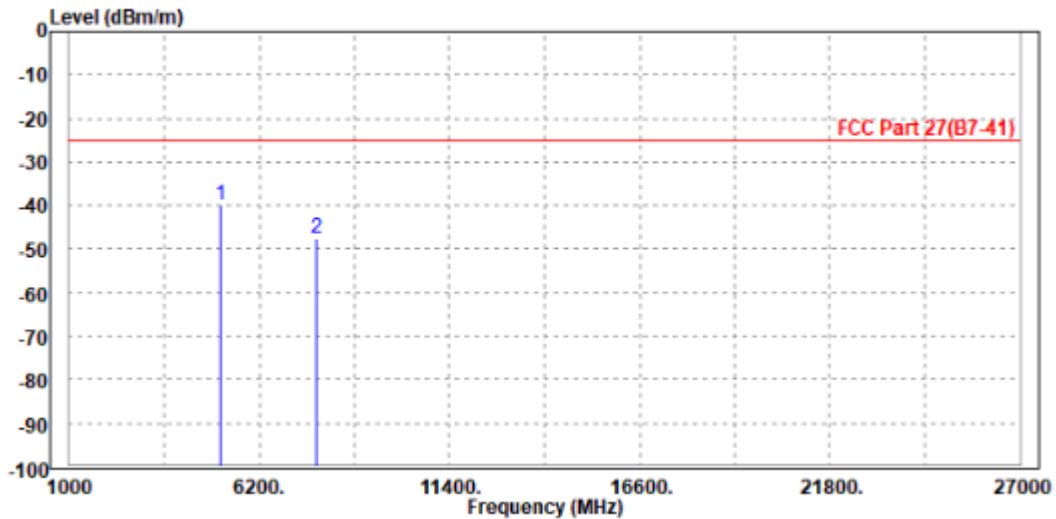




Test Report No.: W7L-P21110009RF17

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40526 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40670 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -39.76 | -49.60 | -25.00 | -14.76 | 9.84 | Peak | Vertical |
| 2 | 7750.800 | -47.65 | -60.49 | -25.00 | -22.65 | 12.84 | Peak | Vertical |



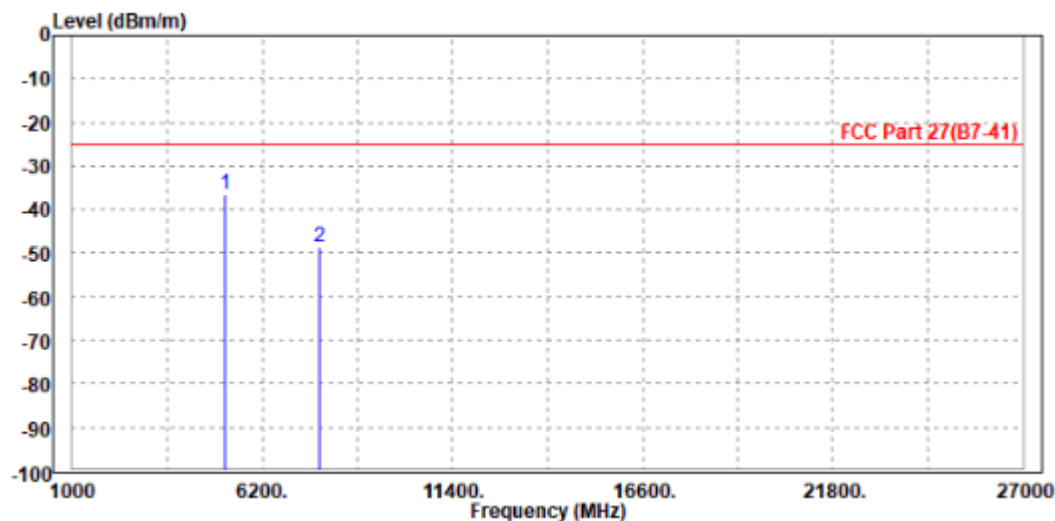


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 15MHz + 10MHz

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40571 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40691 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5186.000 | -36.63 | -45.71 | -25.00 | -11.63 | 9.08 | Peak | Horizontal |
| 2 | 7764.300 | -48.81 | -60.28 | -25.00 | -23.81 | 11.47 | Peak | Horizontal |

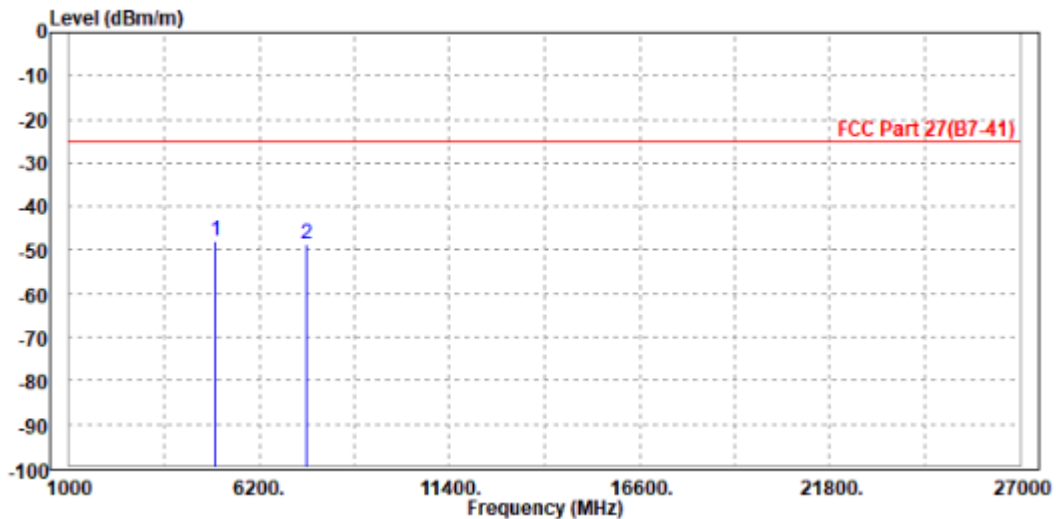




Test Report No.: W7L-P21110009RF17

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40571 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40691 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 5004.000 | -47.90 | -57.80 | -25.00 | -22.90 | 9.90 | Peak | Vertical |
| 2 | 7510.500 | -48.73 | -61.47 | -25.00 | -23.73 | 12.74 | Peak | Vertical |



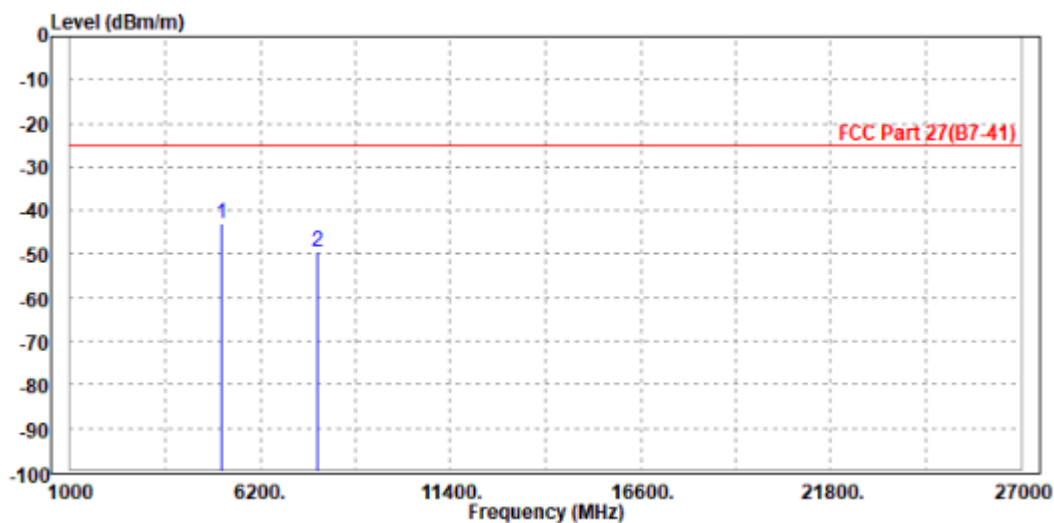


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 15MHz + 15MHz

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40545 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40695 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 5160.000 | -42.90 | -51.90 | -25.00 | -17.90 | 9.00 | Peak | Horizontal |
| 2 | 7756.500 | -49.34 | -60.80 | -25.00 | -24.34 | 11.46 | Peak | Horizontal |

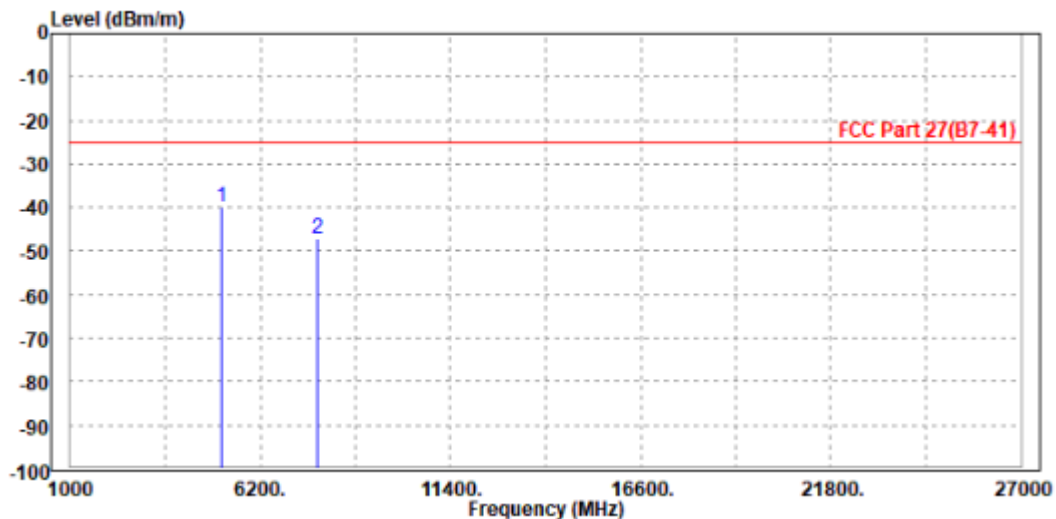




Test Report No.: W7L-P21110009RF17

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40545 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40695 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Read Level | Limit Level | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|------------|-------------|------------|--------|------------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | |
| 1 | PP 5160.000 | -39.87 | -49.71 | -25.00 | -14.87 | 9.84 Peak | Vertical |
| 2 | 7756.500 | -47.01 | -59.85 | -25.00 | -22.01 | 12.84 Peak | Vertical |



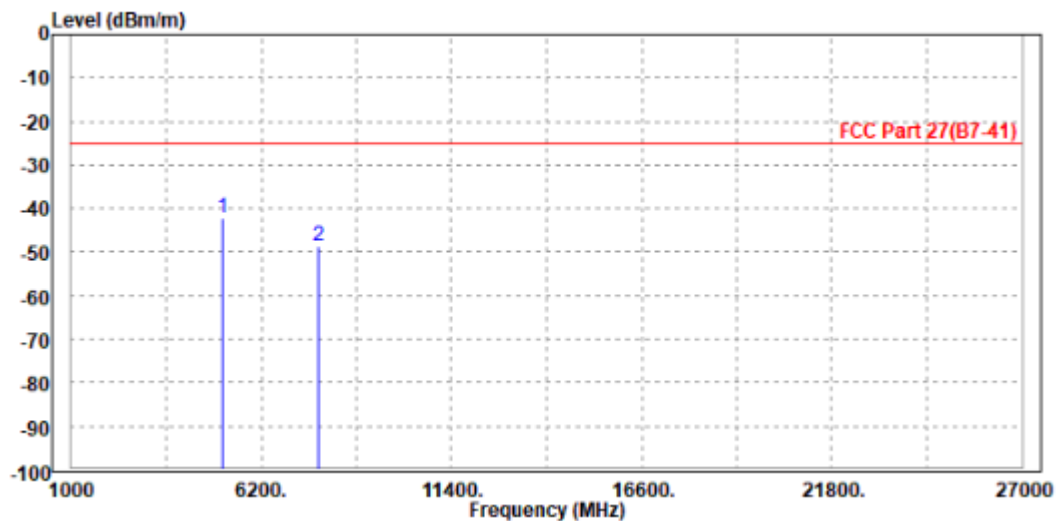


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 15MHz + 20MHz

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40523 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40694 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -42.29 | -51.29 | -25.00 | -17.29 | 9.00 | Peak | Horizontal |
| 2 | 7749.900 | -48.82 | -60.28 | -25.00 | -23.82 | 11.46 | Peak | Horizontal |

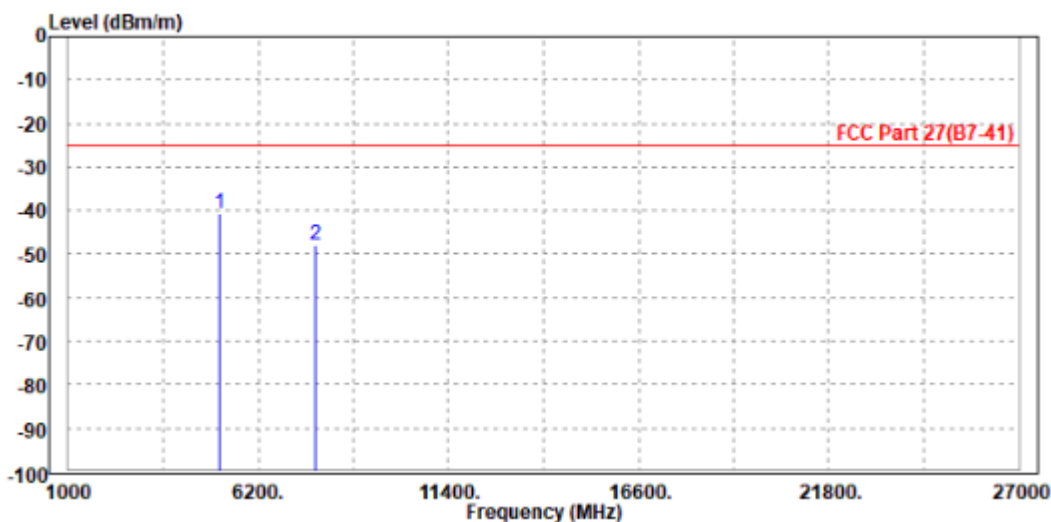




Test Report No.: W7L-P21110009RF17

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40523 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40694 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -40.70 | -50.54 | -25.00 | -15.70 | 9.84 | Peak | Vertical |
| 2 | 7749.900 | -47.90 | -60.74 | -25.00 | -22.90 | 12.84 | Peak | Vertical |



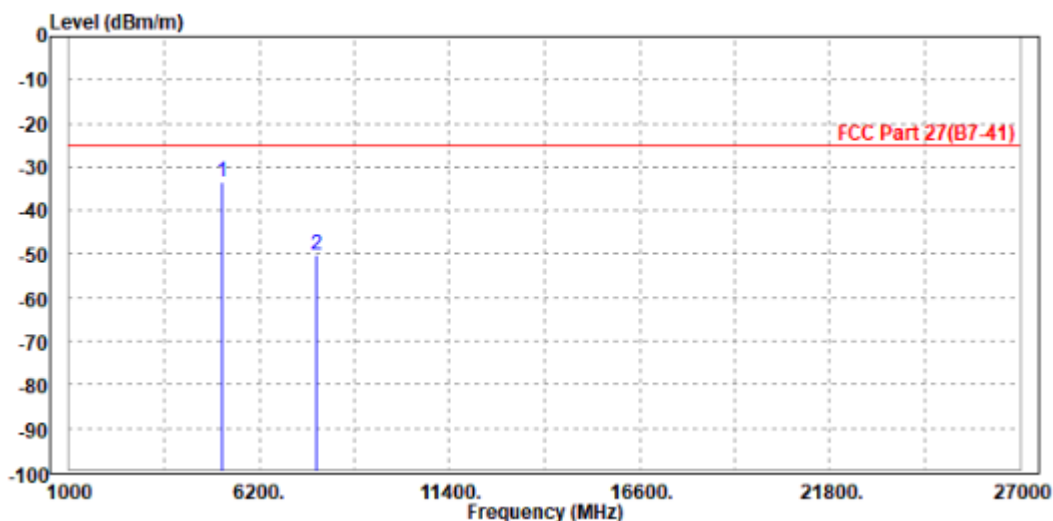


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 20MHz + 5MHz

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40595 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40712 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 5186.000 | -33.47 | -42.55 | -25.00 | -8.47 | 9.08 | Peak | Horizontal |
| 2 | 7771.500 | -50.10 | -61.57 | -25.00 | -25.10 | 11.47 | Peak | Horizontal |

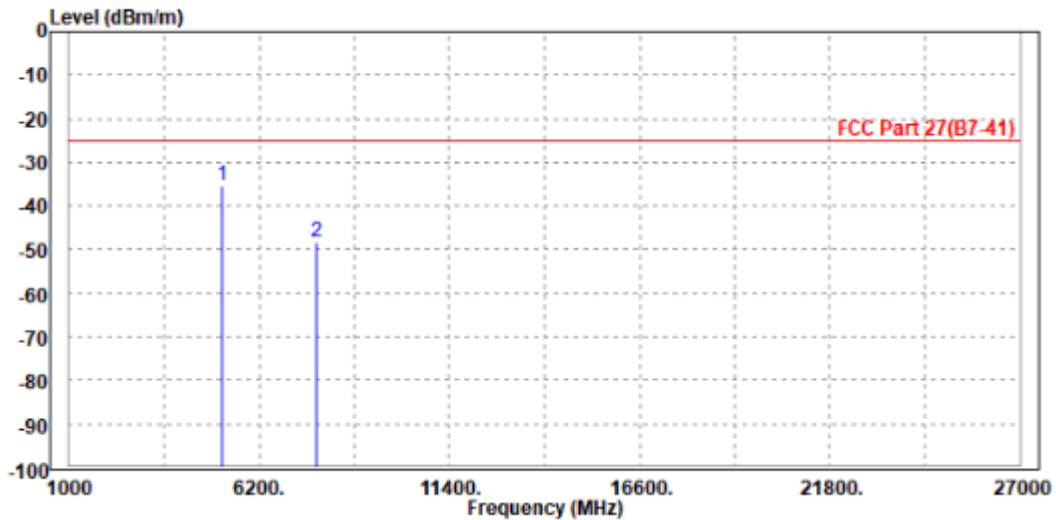




Test Report No.: W7L-P21110009RF17

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40595 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40712 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5186.000 | -35.50 | -45.33 | -25.00 | -10.50 | 9.83 | Peak | Vertical |
| 2 | 7771.500 | -48.43 | -61.28 | -25.00 | -23.43 | 12.85 | Peak | Vertical |



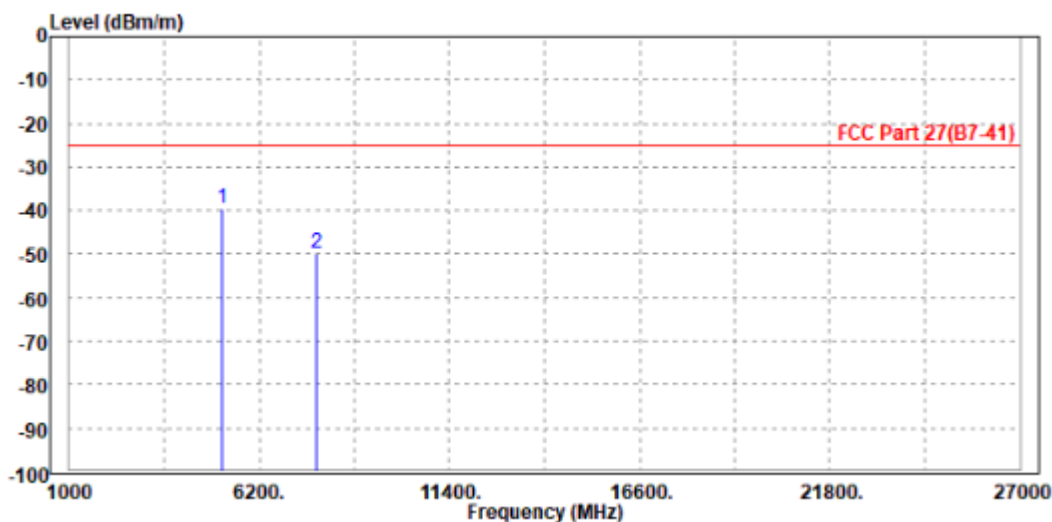


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 20MHz + 10MHz

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40571 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40715 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5186.000 | -39.50 | -48.58 | -25.00 | -14.50 | 9.08 | Peak | Horizontal |
| 2 | 7764.300 | -49.88 | -61.35 | -25.00 | -24.88 | 11.47 | Peak | Horizontal |

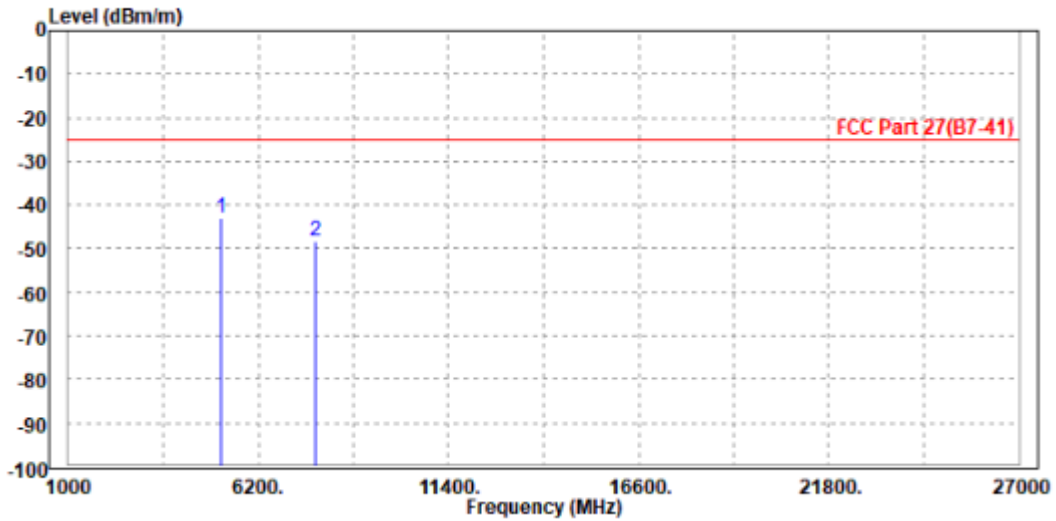




Test Report No.: W7L-P21110009RF17

| | | | |
|---|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40571 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40715 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5186.000 | -43.13 | -52.96 | -25.00 | -18.13 | 9.83 | Peak | Vertical |
| 2 | 7764.300 | -48.25 | -61.09 | -25.00 | -23.25 | 12.84 | Peak | Vertical |



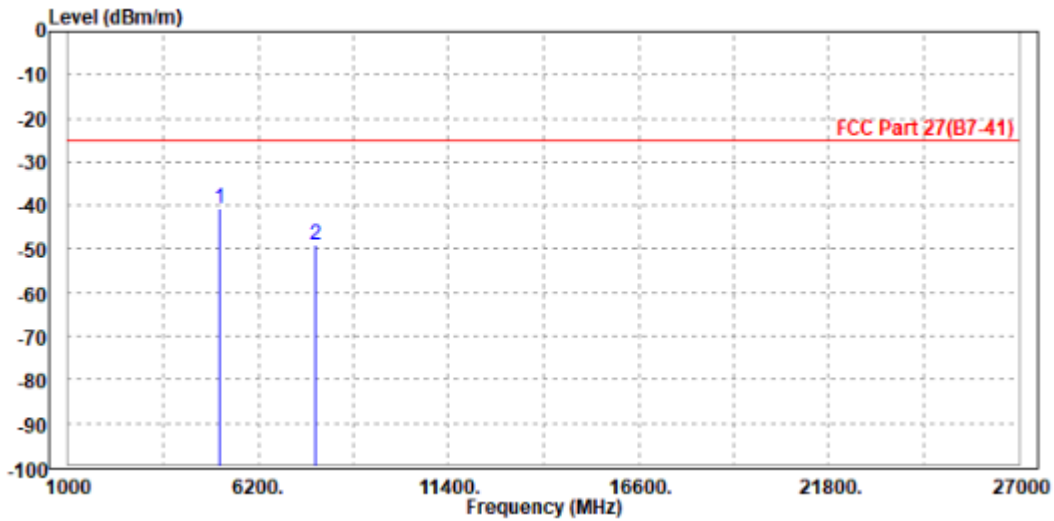


Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 20MHz + 15MHz

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40546 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40717 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 5160.000 | -40.83 | -49.83 | -25.00 | -15.83 | 9.00 | Peak | Horizontal |
| 2 | 7756.800 | -48.88 | -60.34 | -25.00 | -23.88 | 11.46 | Peak | Horizontal |

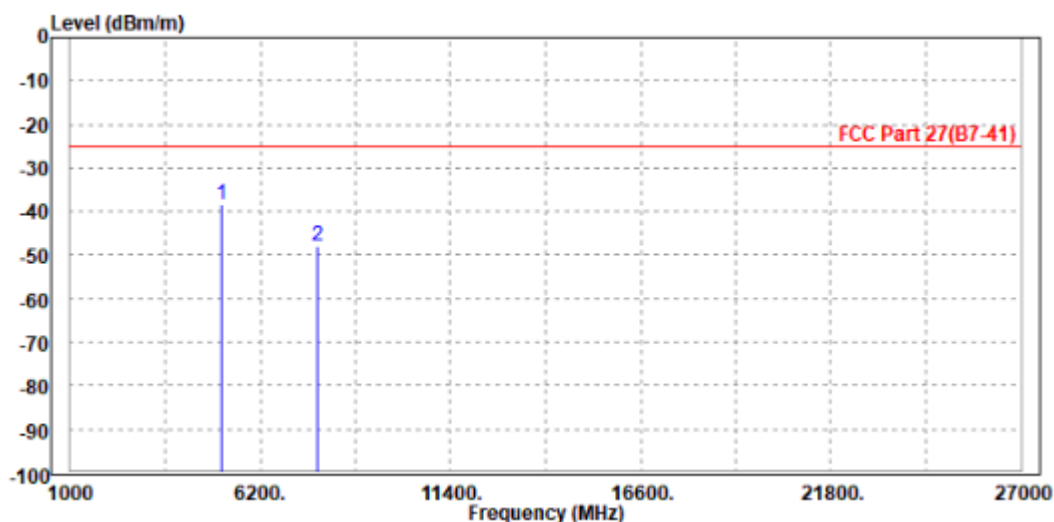




Test Report No.: W7L-P21110009RF17

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40546 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40717 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -38.30 | -48.14 | -25.00 | -13.30 | 9.84 | Peak | Vertical |
| 2 | 7756.800 | -47.75 | -60.59 | -25.00 | -22.75 | 12.84 | Peak | Vertical |





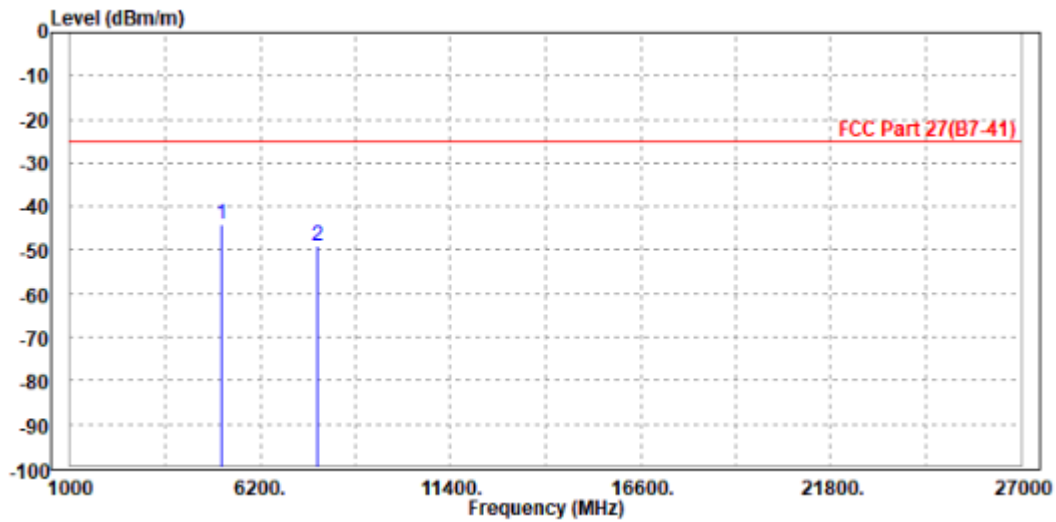
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Test Report No.: W7L-P21110009RF17

CHANNEL BANDWIDTH: 20MHz + 20MHz

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40521 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40719 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -43.95 | -52.95 | -25.00 | -18.95 | 9.00 | Peak | Horizontal |
| 2 | 7749.300 | -49.20 | -60.66 | -25.00 | -24.20 | 11.46 | Peak | Horizontal |

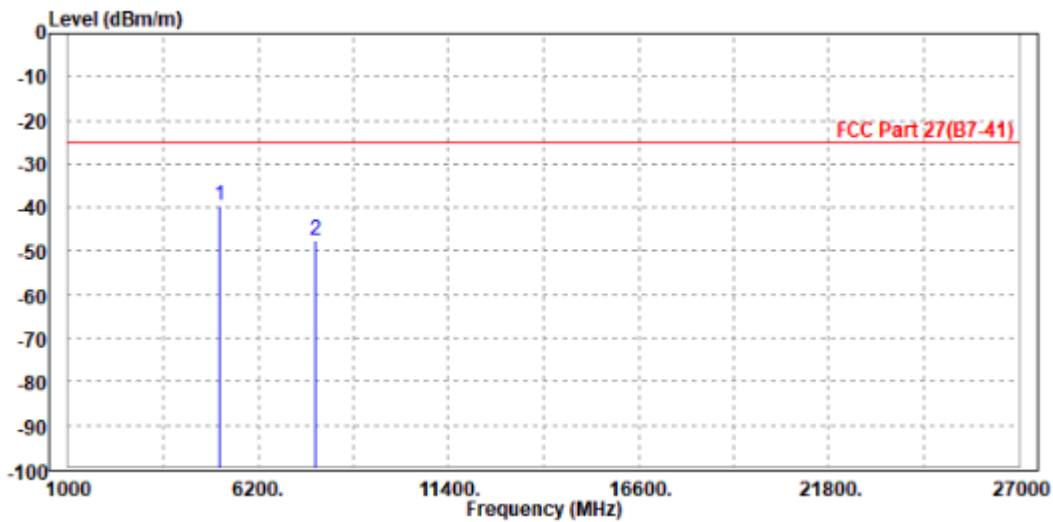




Test Report No.: W7L-P21110009RF17

| | | | |
|--|----------------------|-----------------|---------------|
| MODE | TX channel PCC 40521 | FREQUENCY RANGE | Above 1000MHz |
| | TX channel SCC 40719 | | |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|------------|------------|--------|--------|-----------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5160.000 | -39.50 | -49.34 | -25.00 | -14.50 | 9.84 | Peak | Vertical |
| 2 | 7749.300 | -47.42 | -60.26 | -25.00 | -22.42 | 12.84 | Peak | Vertical |





Test Report No.: W7L-P21110009RF17

4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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

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Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.



Test Report No.: W7L-P21110009RF17

5 APPENDIX A – 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---