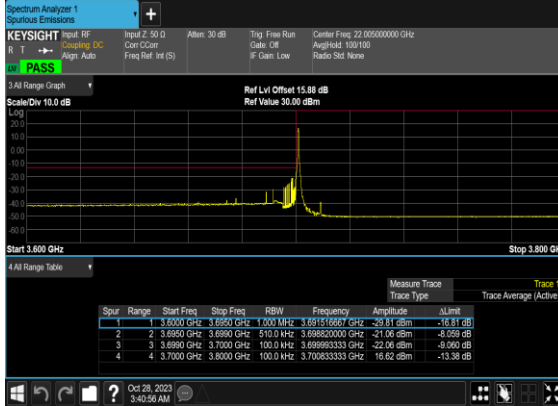


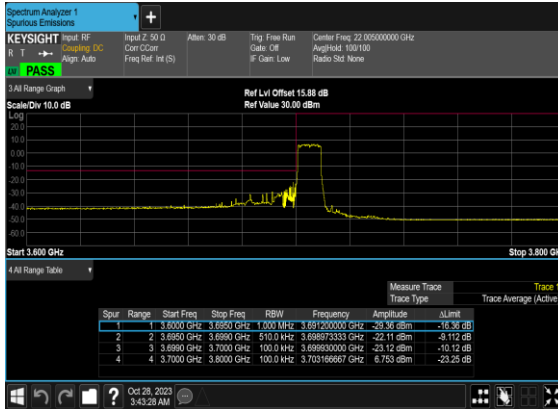
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



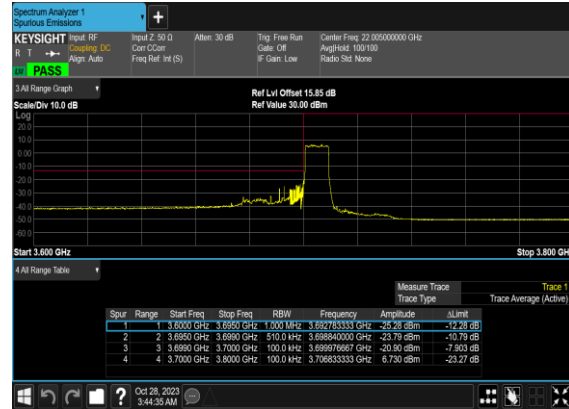
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



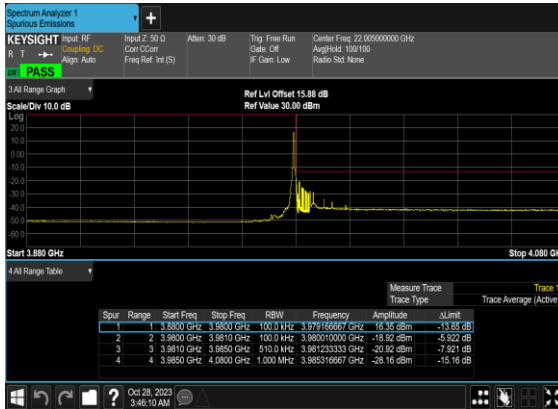
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



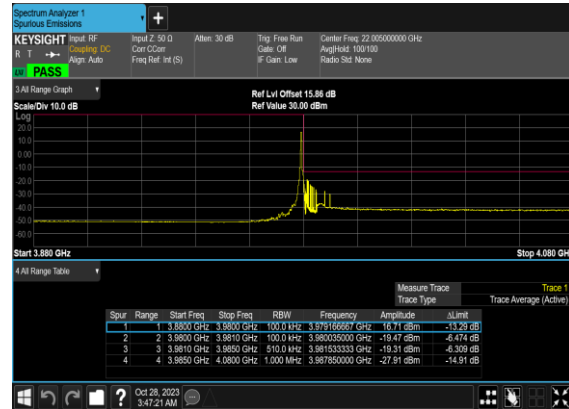
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



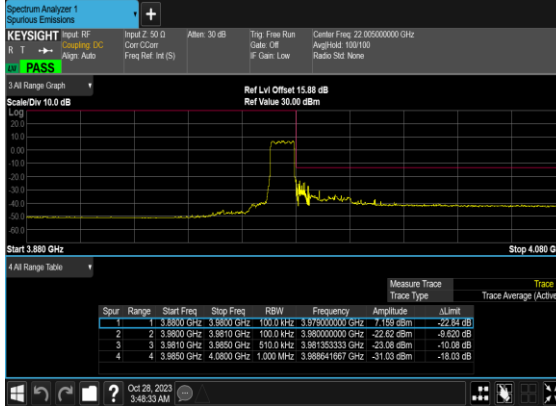
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



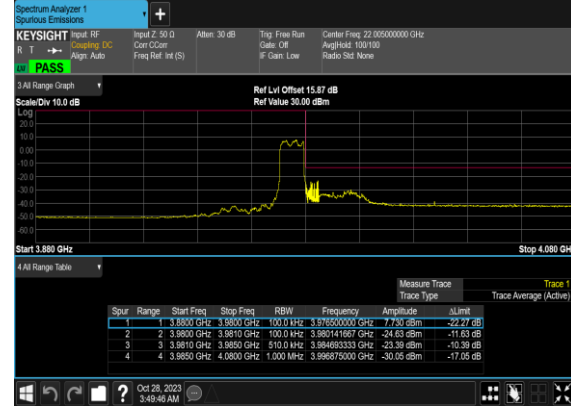
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



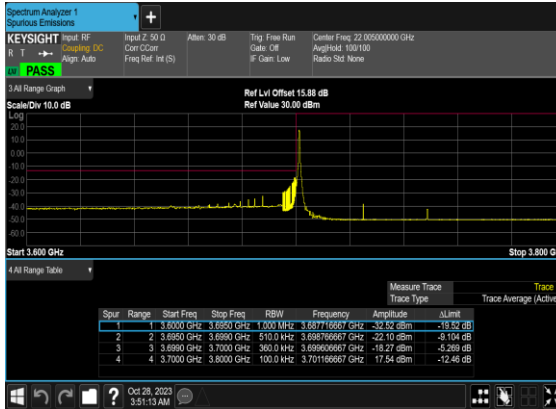
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OFDM\_BPSK\_Outer\_Full\_High\_CH



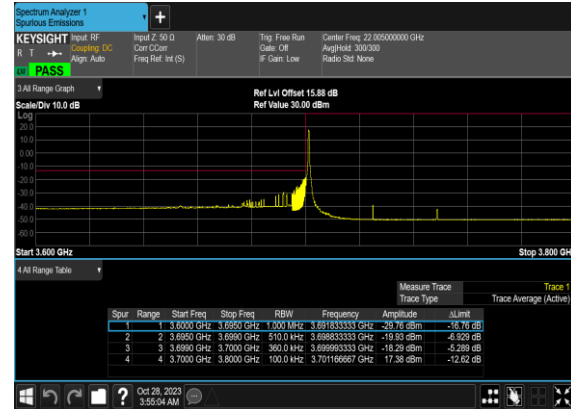
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



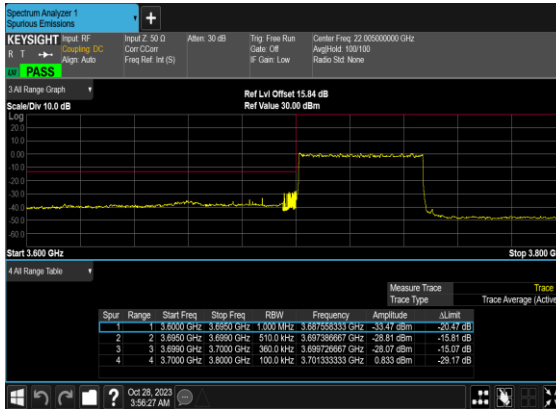
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OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



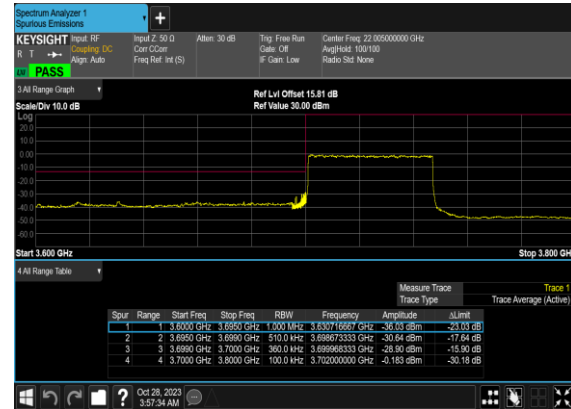
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



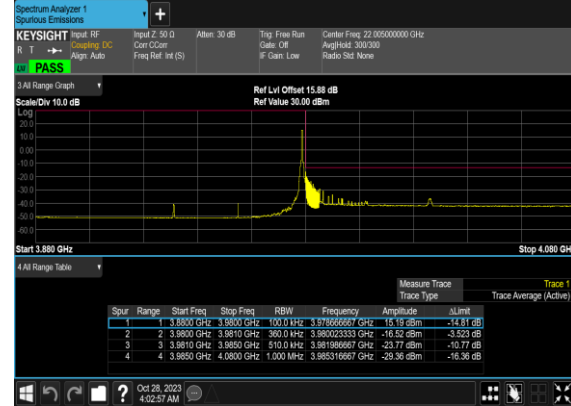
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



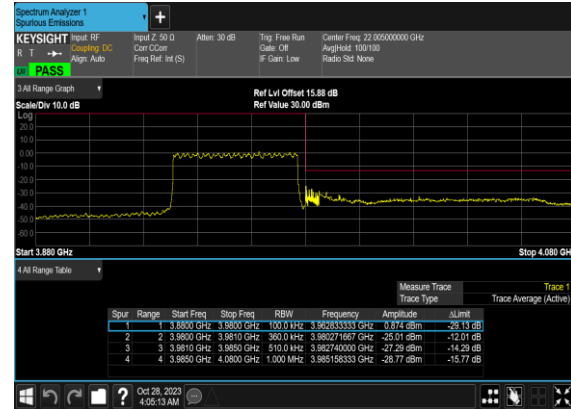
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



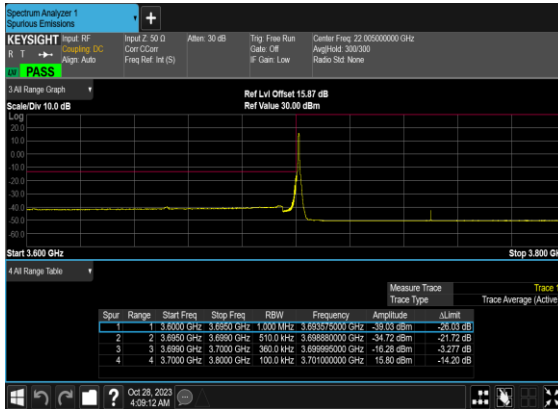
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



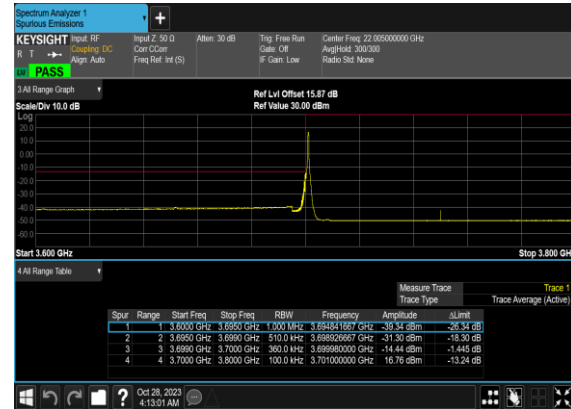
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



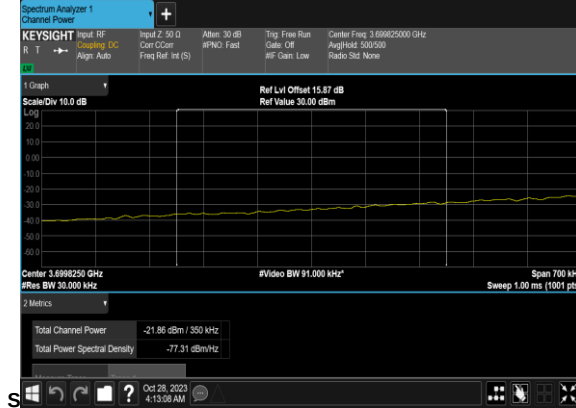
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



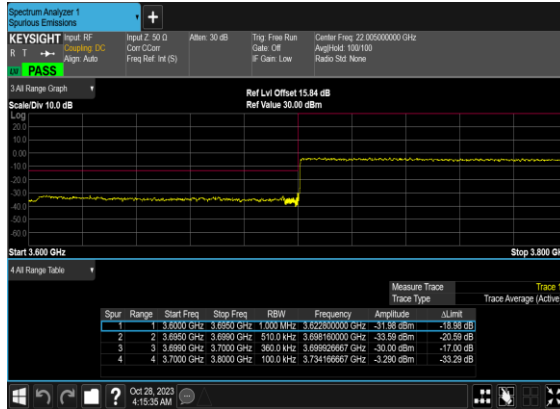
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_chp\_PAS



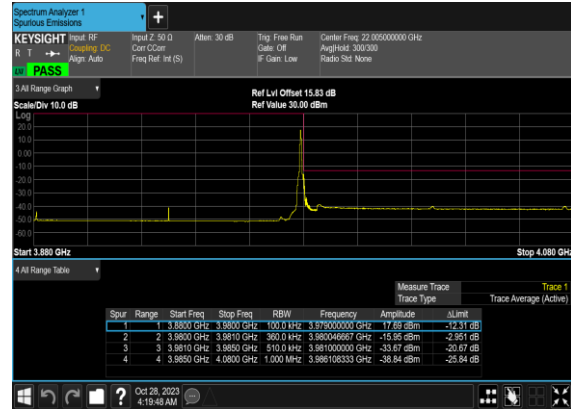
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



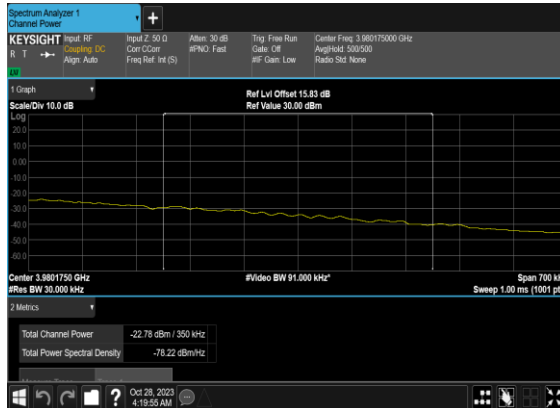
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



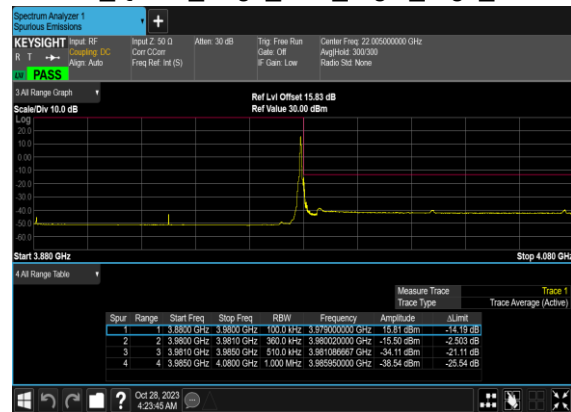
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



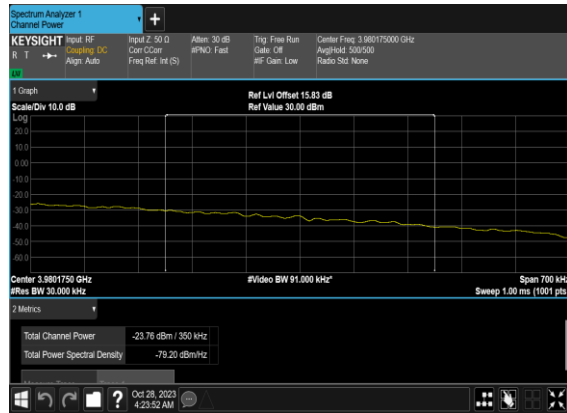
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_chp\_P  
ASS



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



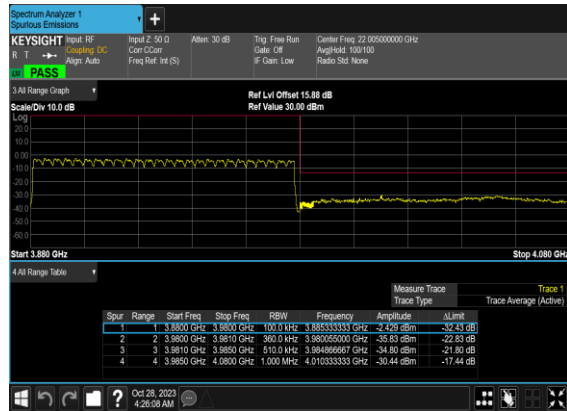
# N77(100M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS



# N77(100M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



# N77(100M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



Note “CHP” means channel power integration method.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |              |                     |         |
|-----------------|--------------|---------------------|---------|
| Test Engineer : | Qingsheng He | Temperature :       | 22~25°C |
|                 |              | Relative Humidity : | 48~52%  |

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

#### Sample 1 :

| n77 SA (HPUE)/ NR 100MHz / QPSK(ANT8) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                               | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                | 7584              | -59.19       | -13           | -46.19            | -56.06            | -60.71             | 11.98                | 13.50                 | H                  |
|                                       | 11376             | -52.34       | -13           | -39.34            | -58.01            | -52.34             | 13.60                | 13.60                 | H                  |
|                                       | 15168             | -53.13       | -13           | -40.13            | -58.30            | -52.73             | 15.50                | 15.10                 | H                  |
|                                       | 7584              | -59.32       | -13           | -46.32            | -55.98            | -60.84             | 11.98                | 13.50                 | V                  |
|                                       | 11376             | -52.64       | -13           | -39.64            | -58.12            | -52.64             | 13.60                | 13.60                 | V                  |
|                                       | 15168             | -52.80       | -13           | -39.80            | -58.28            | -52.40             | 15.50                | 15.10                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK(1+8) |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n77 Middle                                      | 7584              | -59.19       | -13           | -46.19            | -56.06            | -60.71             | 11.98                | 13.50                 | H                  |
|                                                    | 11376             | -53.01       | -13           | -40.01            | -58.68            | -53.01             | 13.60                | 13.60                 | H                  |
|                                                    | 15168             | -53.40       | -13           | -40.40            | -58.57            | -53.00             | 15.50                | 15.10                 | H                  |
|                                                    | 7584              | -59.24       | -13           | -46.24            | -55.9             | -60.76             | 11.98                | 13.50                 | V                  |
|                                                    | 11376             | -53.10       | -13           | -40.10            | -58.58            | -53.10             | 13.60                | 13.60                 | V                  |
|                                                    | 15168             | -53.08       | -13           | -40.08            | -58.56            | -52.68             | 15.50                | 15.10                 | V                  |
| LTE Band30 Middle                                  | 4611.50           | -62.37       | -40           | -22.37            | -78.39            | -68.62             | 6.45                 | 12.70                 | H                  |
|                                                    | 6916.50           | -42.45       | -40           | -2.45             | -37.84            | -45.85             | 8.40                 | 11.80                 | H                  |
|                                                    | 9222.00           | -55.75       | -40           | -15.75            | -56.83            | -58.10             | 9.65                 | 12.00                 | H                  |
|                                                    | 4611.50           | -62.16       | -40           | -22.16            | -78.03            | -68.41             | 6.45                 | 12.70                 | V                  |
|                                                    | 6916.50           | -45.21       | -40           | -5.21             | -40.56            | -48.61             | 8.40                 | 11.80                 | V                  |
|                                                    | 9222.00           | -56.43       | -40           | -16.43            | -57.09            | -58.78             | 9.65                 | 12.00                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Sample 2:**

| n77 SA HPUE/ NR 100MHz / QPSK(ANT8) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                             | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                              | 7584                 | -59.05          | -13              | -46.05                  | -55.92                  | -60.57                   | 11.98                      | 13.50                       | H                     |
|                                     | 11376                | -52.86          | -13              | -39.86                  | -58.53                  | -52.86                   | 13.60                      | 13.60                       | H                     |
|                                     | 15168                | -58.77          | -13              | -45.77                  | -63.94                  | -58.37                   | 15.50                      | 15.10                       | H                     |
|                                     | 7584                 | -59.21          | -13              | -46.21                  | -55.87                  | -60.73                   | 11.98                      | 13.50                       | V                     |
|                                     | 11376                | -53.04          | -13              | -40.04                  | -58.52                  | -53.04                   | 13.60                      | 13.60                       | V                     |
|                                     | 15168                | -58.44          | -13              | -45.44                  | -63.92                  | -58.04                   | 15.50                      | 15.10                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.