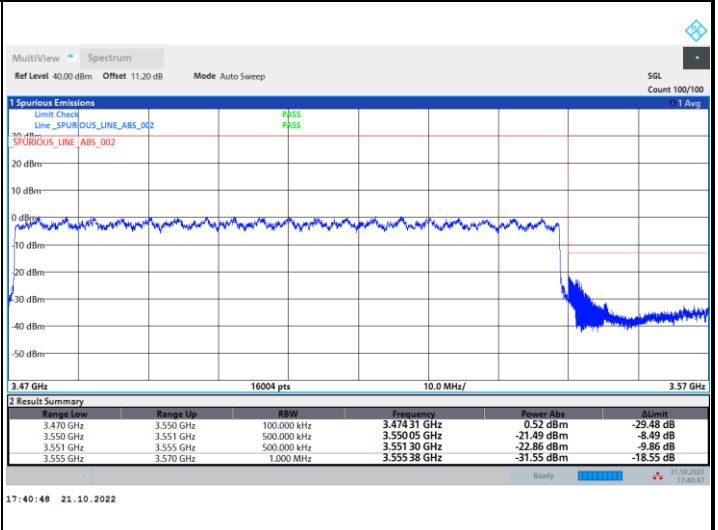
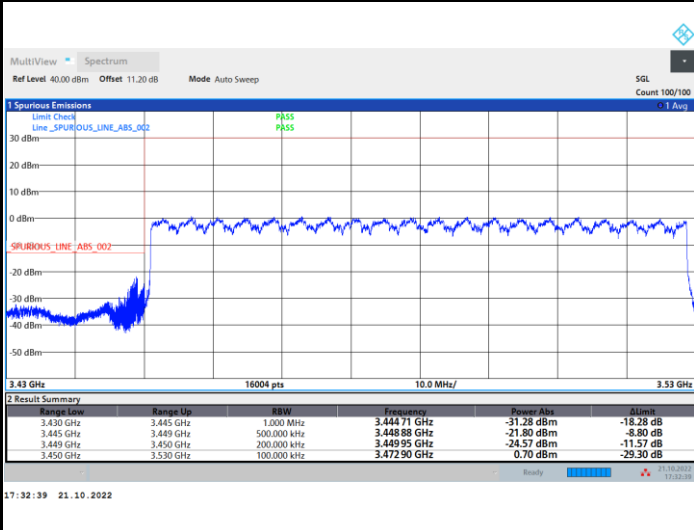




FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

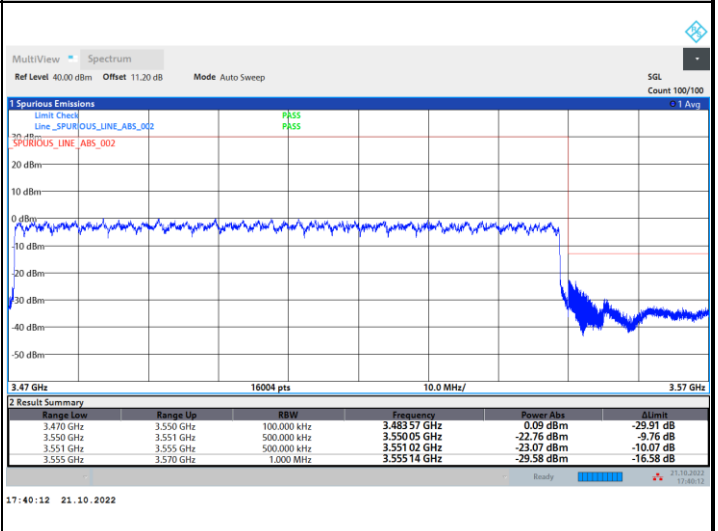
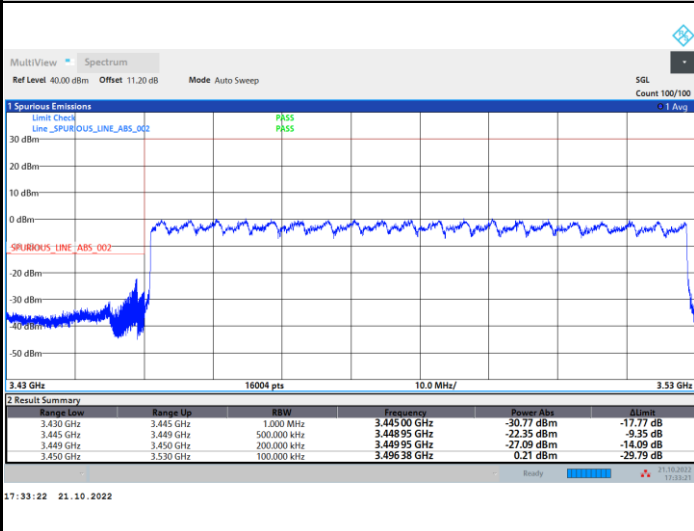
Highest Band Edge / Full RB



FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

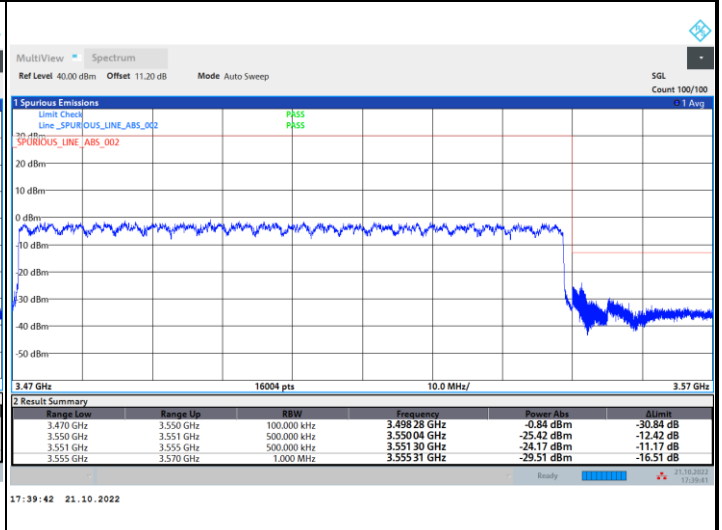
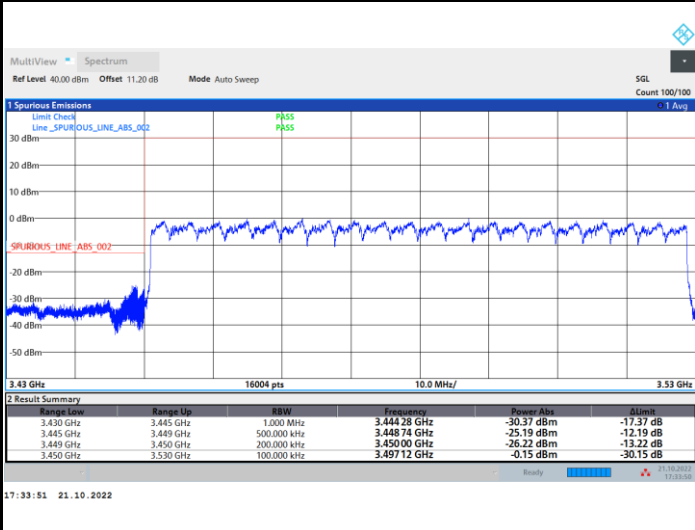




FR1 n77 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

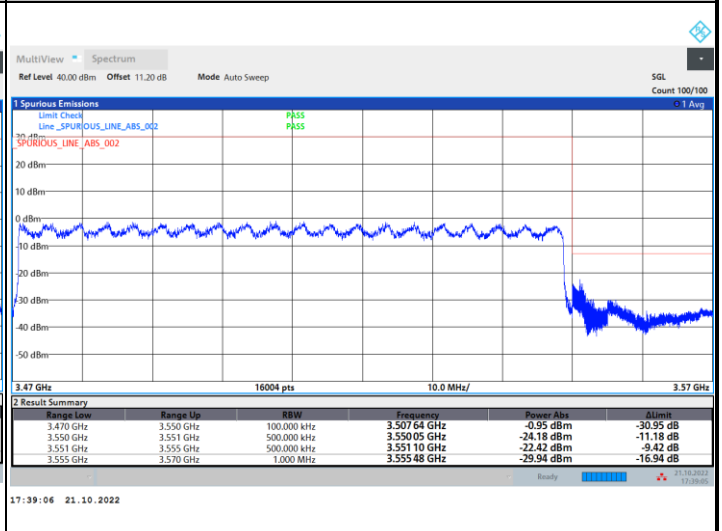
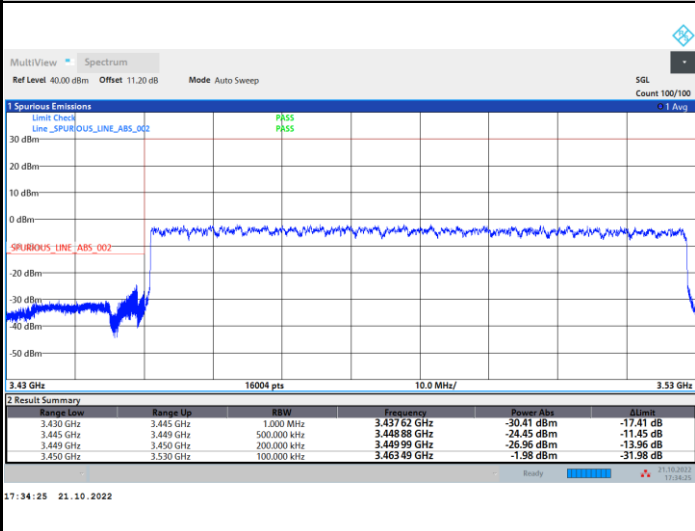
Highest Band Edge / Full RB



FR1 n77 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB

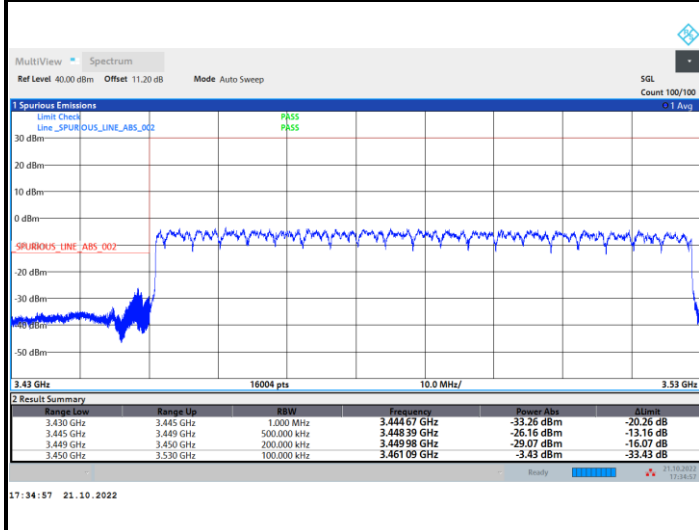
Highest Band Edge / Full RB



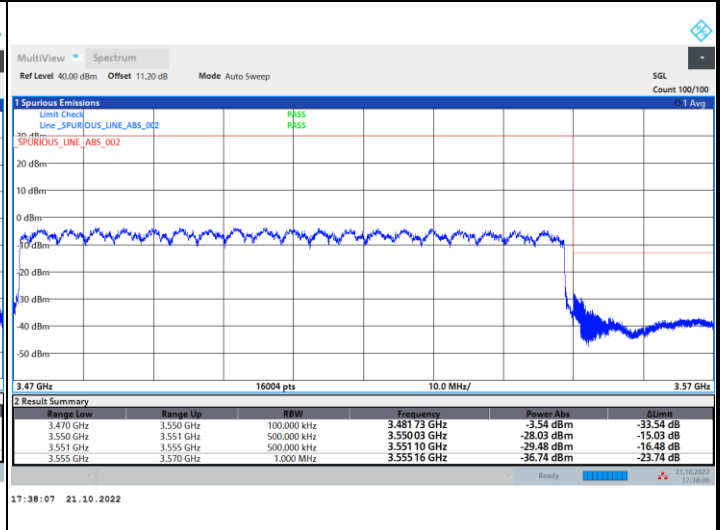


FR1 n77 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

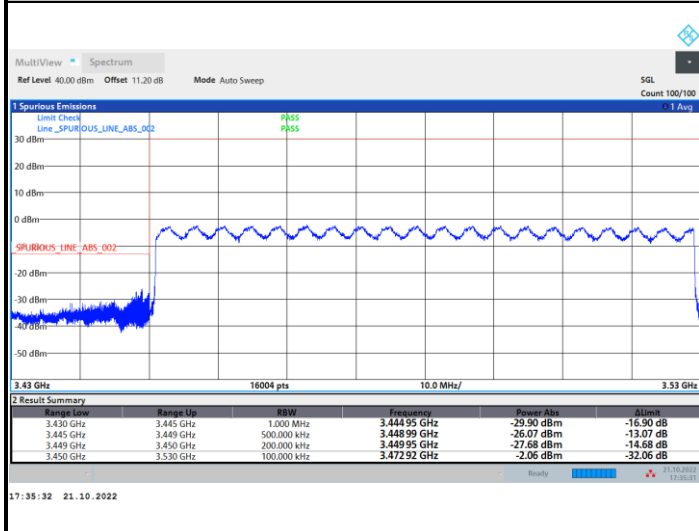


Highest Band Edge / Full RB

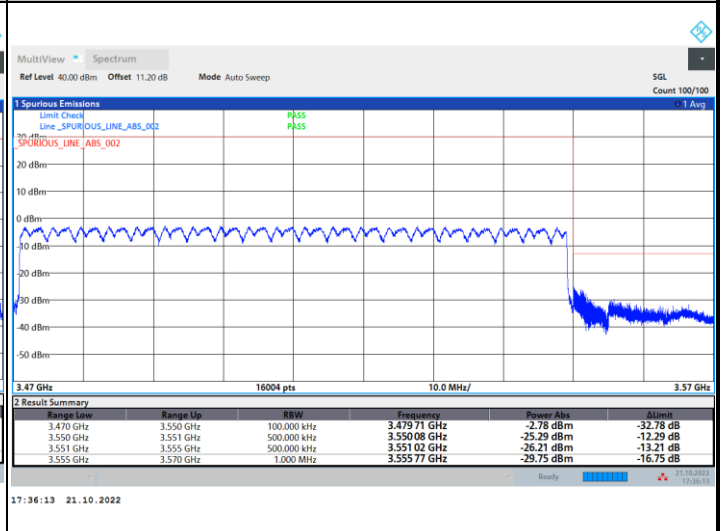


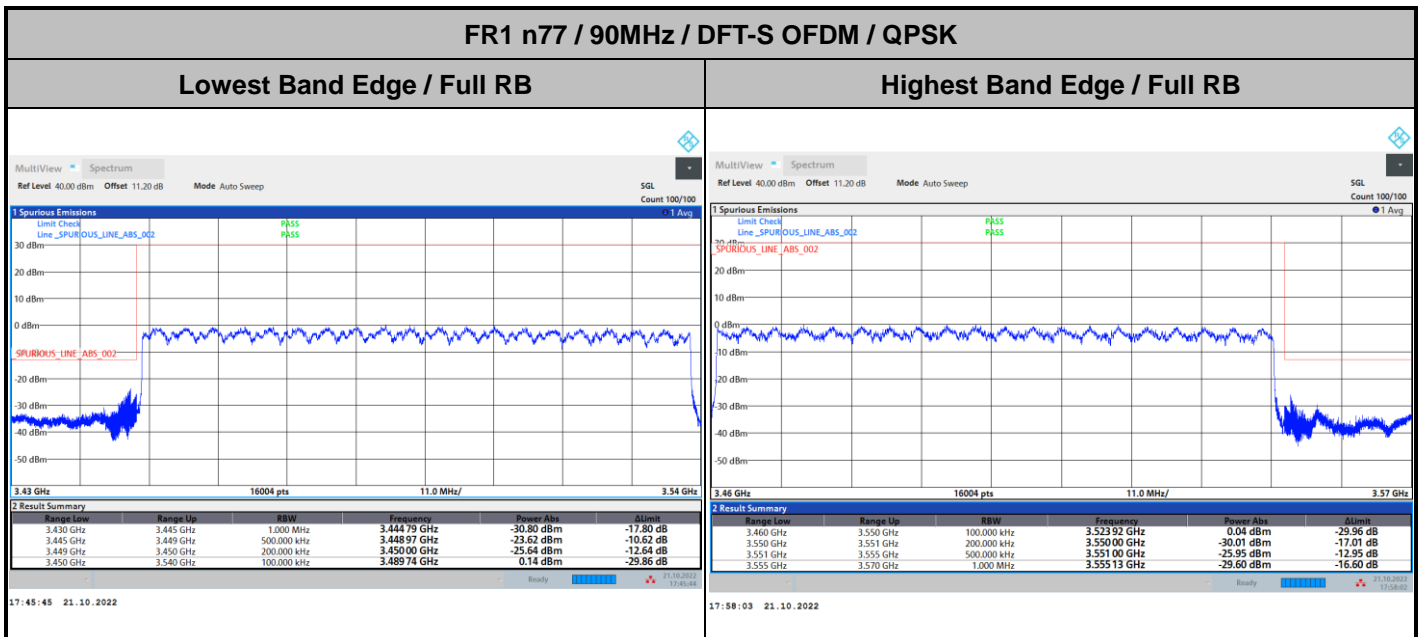
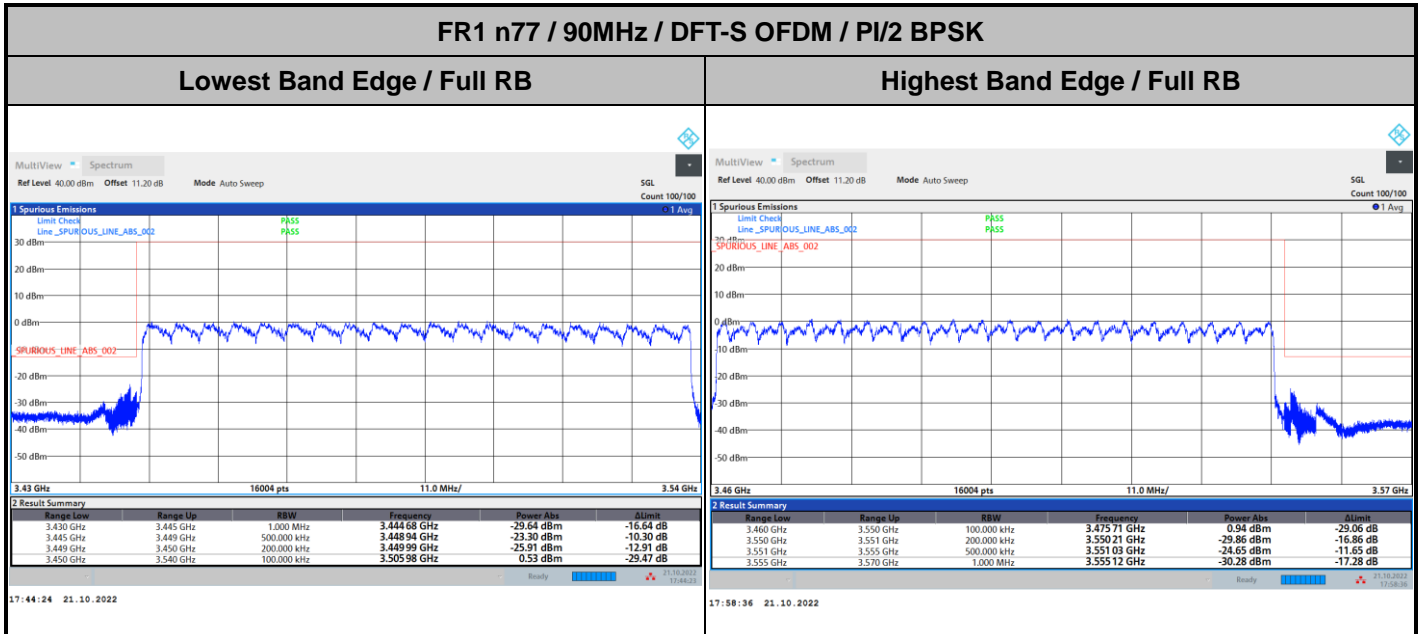
FR1 n77 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

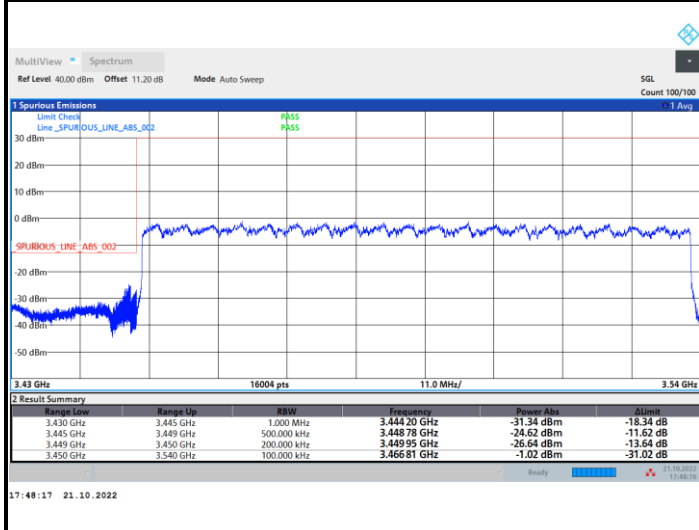




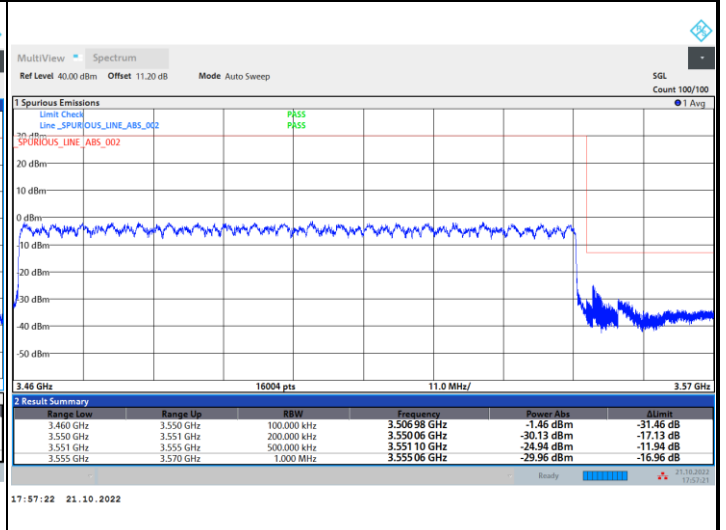


FR1 n77 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

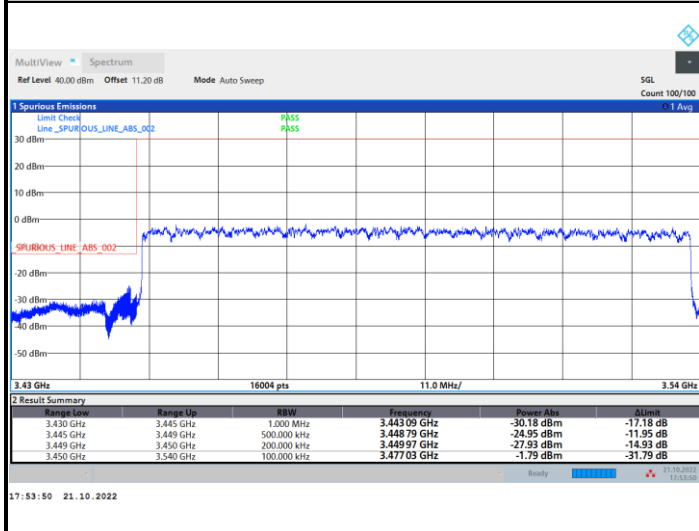


Highest Band Edge / Full RB

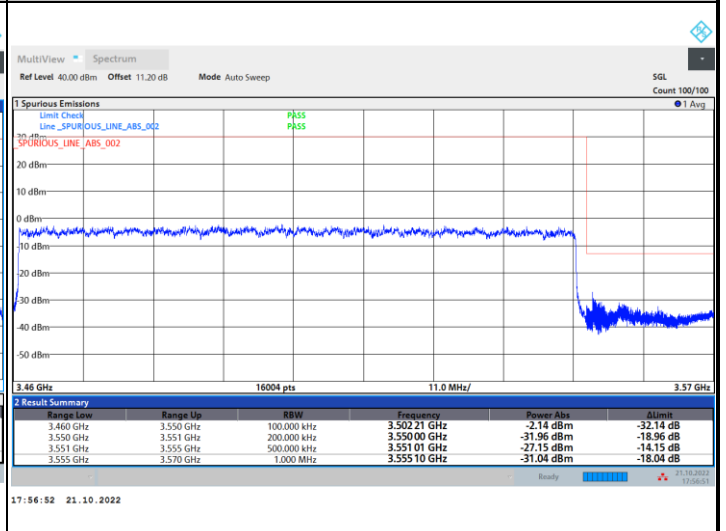


FR1 n77 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



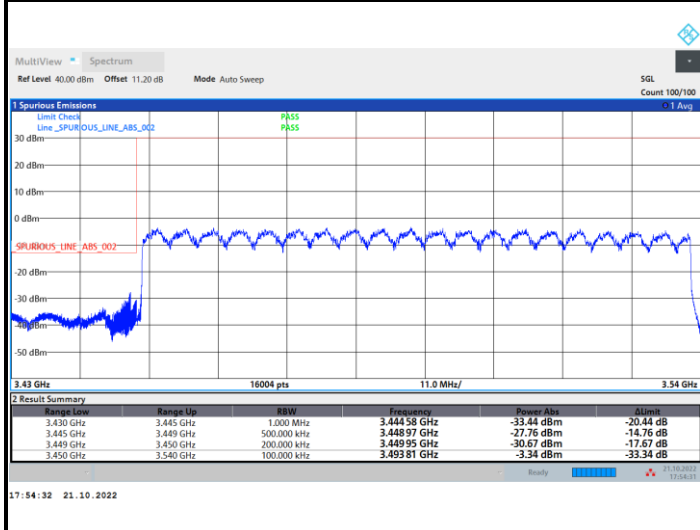
Highest Band Edge / Full RB



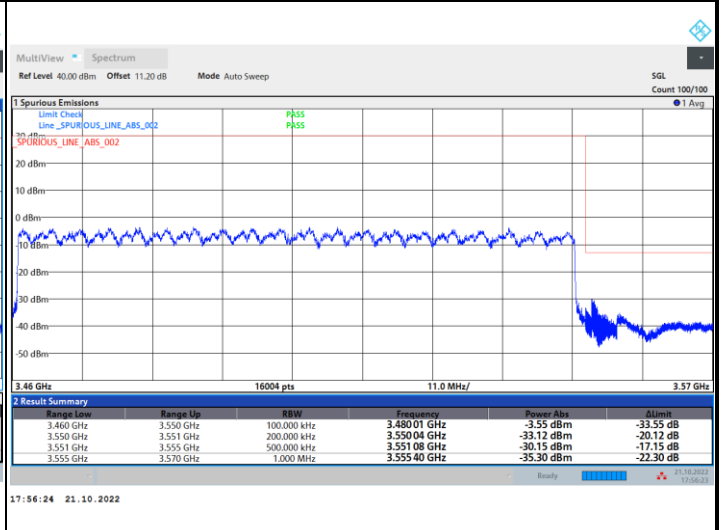


FR1 n77 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

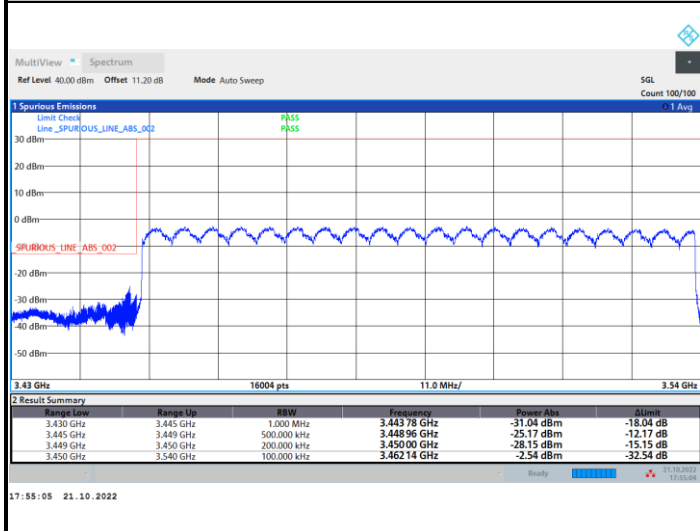


Highest Band Edge / Full RB

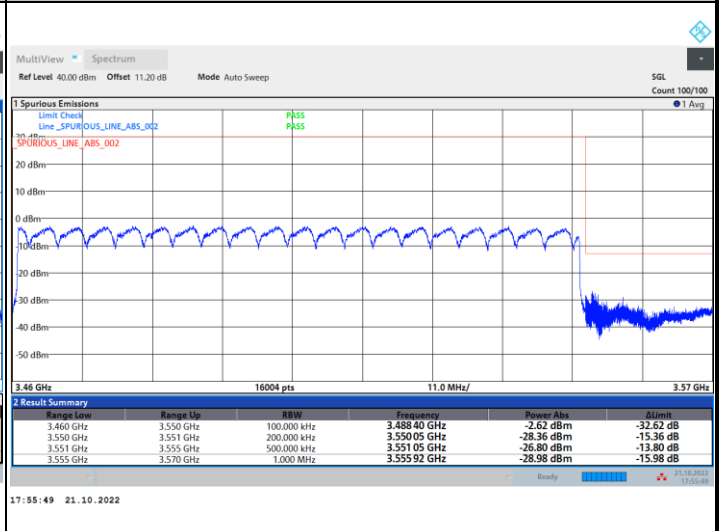


FR1 n77 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

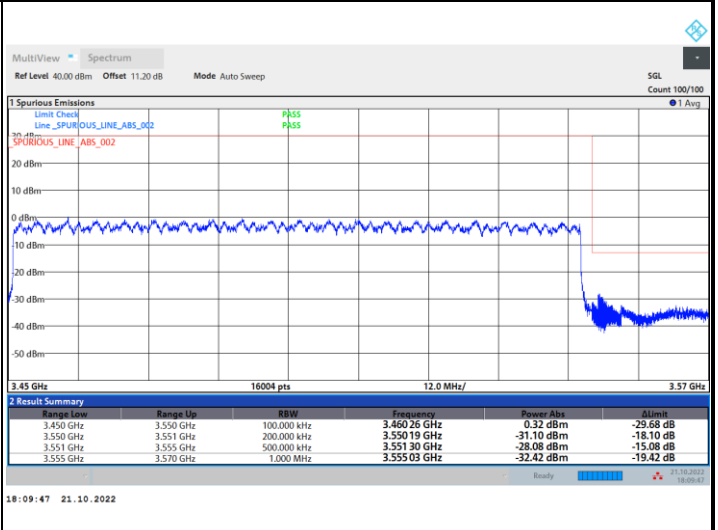
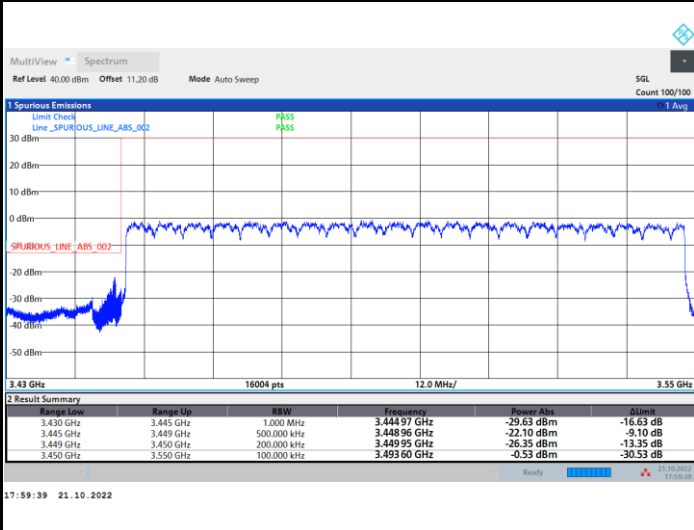




FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

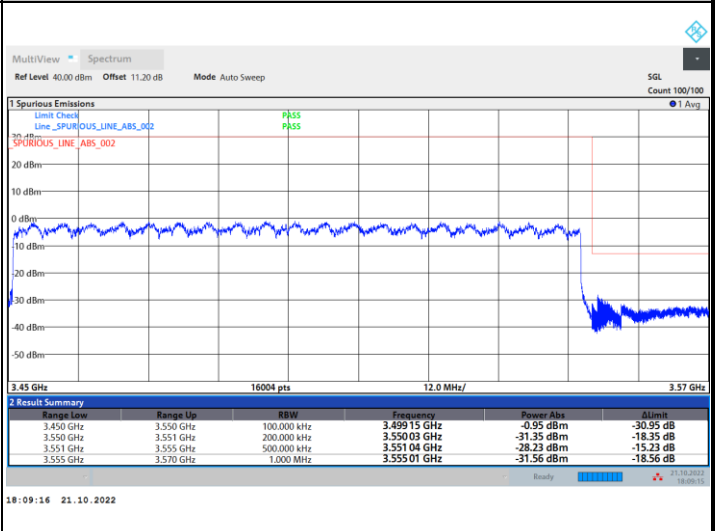
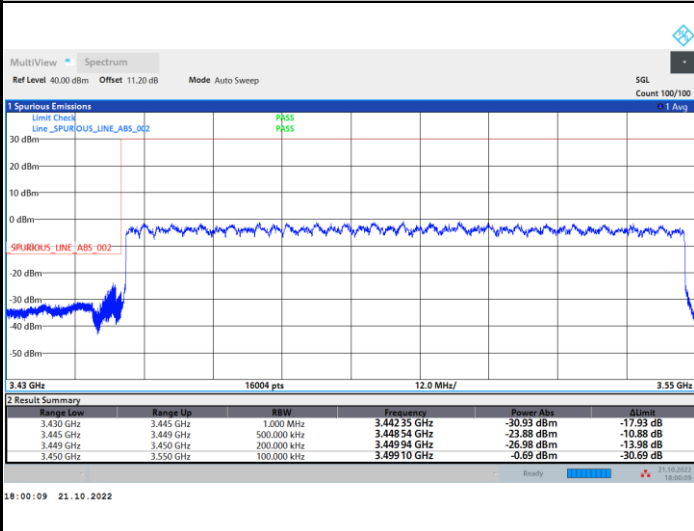
Highest Band Edge / Full RB



FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

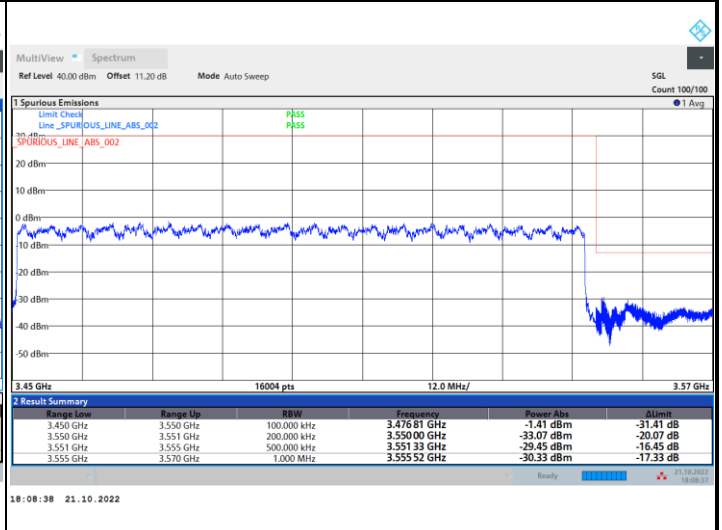
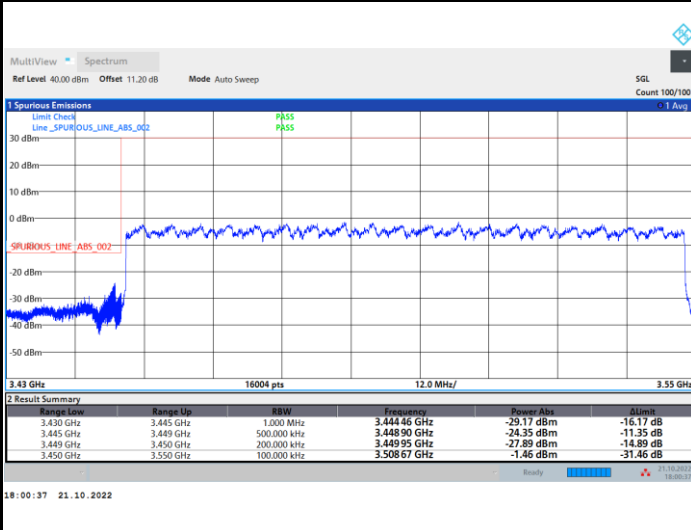




FR1 n77 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

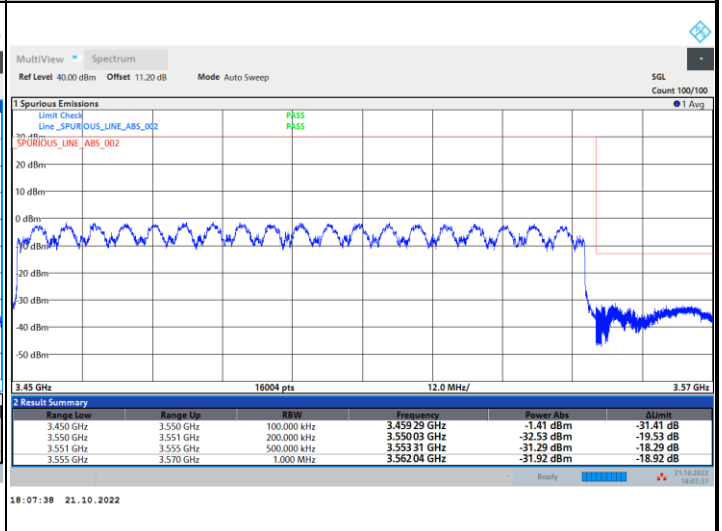
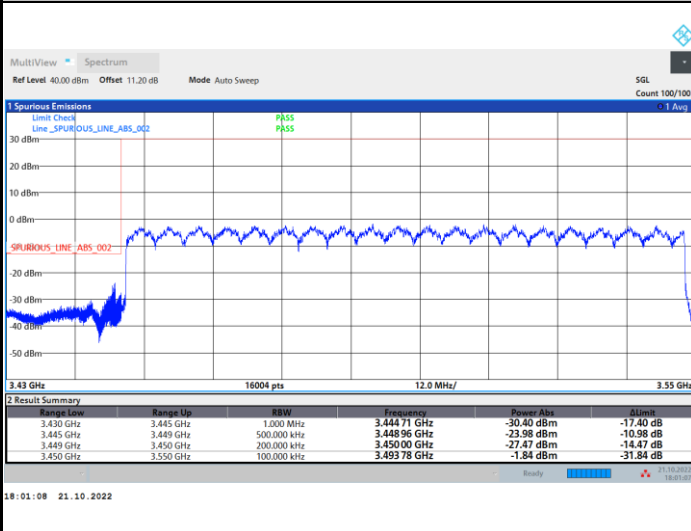
Highest Band Edge / Full RB



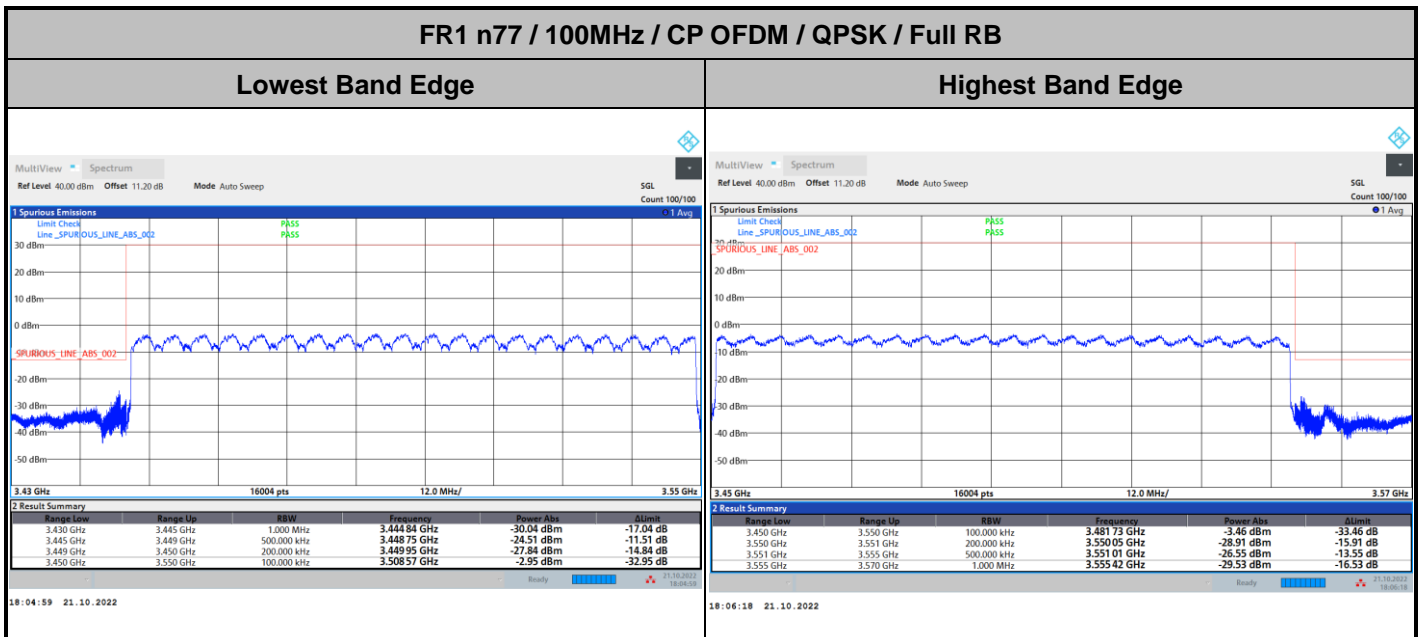
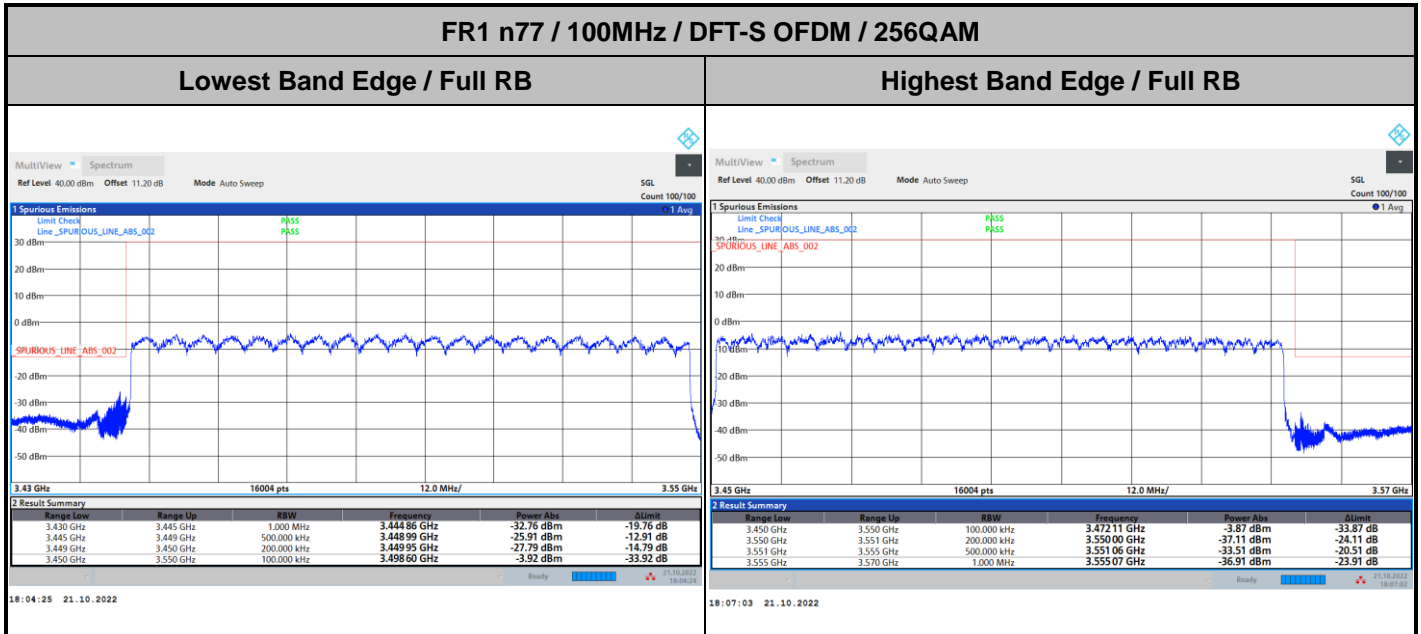
FR1 n77 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





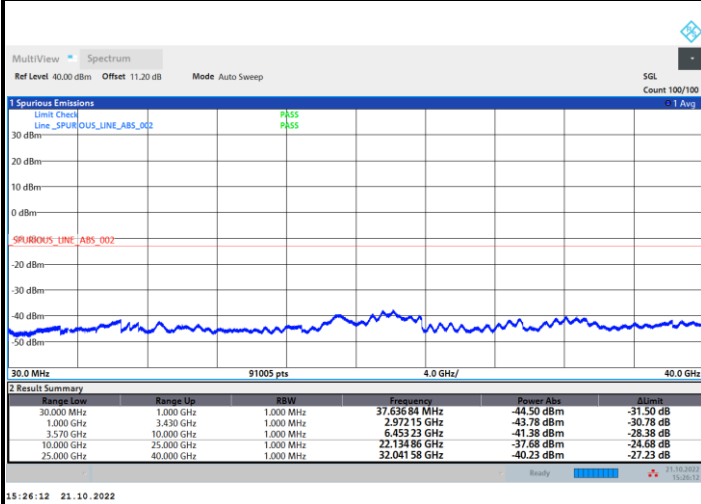




# Conducted Spurious Emission

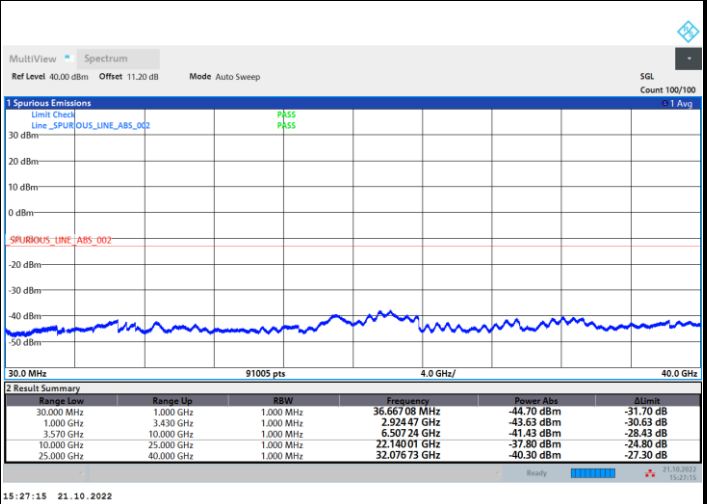
FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

## Lowest Channel



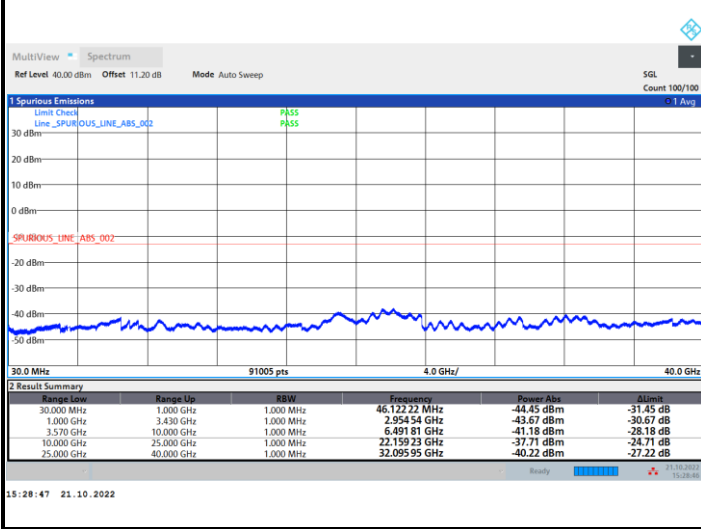
15:26:12 21.10.2022

## Middle Channel



15:27:15 21.10.2022

## Highest Channel



15:28:47 21.10.2022



### Frequency Stability

| Test Conditions     |                   | FR1 n77 (BPSK) / Middle Channel | Limit   |
|---------------------|-------------------|---------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 20MHz                        | Note 2. |
|                     |                   | Deviation (ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0036                          | PASS    |
| 40                  | Normal Voltage    | 0.0071                          |         |
| 30                  | Normal Voltage    | 0.0013                          |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                          |         |
| 10                  | Normal Voltage    | 0.0007                          |         |
| 0                   | Normal Voltage    | 0.0030                          |         |
| -10                 | Normal Voltage    | 0.0053                          |         |
| -20                 | Normal Voltage    | 0.0071                          |         |
| -30                 | Normal Voltage    | 0.0025                          |         |
| 20                  | Maximum Voltage   | 0.0018                          |         |
| 20                  | Normal Voltage    | 0.0000                          |         |
| 20                  | Battery End Point | 0.0059                          |         |

**Note:**

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



### Appendix B. Test Results of Radiated Test

Remark: The SRS antenna has been verified RSE during the preliminary scan and the result is not worse than the primary and ASDIV antenna, so only primary and ASDIV antenna is reported.

<Primary Antenna>  
<Ant. 6>

### 5G NR n77 (HPUE)

| 5G NR n77 (HPUE) / 100MHz / PI/2 BPSK |                   |              |               |               |                   |                    |                      |                       |                    |
|---------------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                               | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Margin ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                                | 6903              | -43.62       | -13           | -30.62        | -72.03            | -51.81             | 1.84                 | 12.19                 | H                  |
|                                       | 10354             | -34.42       | -13           | -21.42        | -69.22            | -40.90             | 2.26                 | 10.89                 | H                  |
|                                       | 13805             | -30.02       | -13           | -17.02        | -72.92            | -37.79             | 2.63                 | 12.56                 | H                  |
|                                       | 20707             | -63.70       | -13           | -50.70        | -76.1             | -76.24             | 3.22                 | 17.92                 | H                  |
|                                       | 24159             | -59.78       | -13           | -46.78        | -76.44            | -72.34             | 3.78                 | 18.50                 | H                  |
|                                       | 27610             | -58.00       | -13           | -45.00        | -77.53            | -71.45             | 3.95                 | 19.54                 | H                  |
|                                       |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                       | 6903              | -43.05       | -13           | -30.05        | -71.96            | -51.24             | 1.84                 | 12.19                 | V                  |
|                                       | 10354             | -37.55       | -13           | -24.55        | -71.56            | -44.03             | 2.26                 | 10.89                 | V                  |
|                                       | 13805             | -30.96       | -13           | -17.96        | -72.83            | -38.73             | 2.63                 | 12.56                 | V                  |
|                                       | 20707             | -63.83       | -13           | -50.83        | -75.99            | -76.37             | 3.22                 | 17.92                 | V                  |
|                                       | 24159             | -60.47       | -13           | -47.47        | -76.77            | -73.03             | 3.78                 | 18.50                 | V                  |
|                                       | 27610             | -58.19       | -13           | -45.19        | -77.4             | -71.64             | 3.95                 | 19.54                 | V                  |
|                                       |                   |              |               |               |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle  | 6983  | -42.48 | -13 | -29.48 | -70.97 | -50.36 | 1.84 | 11.87 | H |
|         | 10474 | -25.01 | -13 | -12.01 | -59.95 | -31.42 | 2.25 | 10.82 | H |
|         | 13965 | -30.81 | -13 | -17.81 | -73.04 | -38.42 | 2.66 | 12.43 | H |
|         | 20947 | -62.89 | -13 | -49.89 | -75.3  | -75.32 | 3.24 | 17.82 | H |
|         | 24438 | -59.61 | -13 | -46.61 | -76.77 | -72.37 | 3.76 | 18.66 | H |
|         | 27930 | -57.78 | -13 | -44.78 | -77.24 | -71.34 | 3.97 | 19.67 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 6983  | -42.76 | -13 | -29.76 | -71.41 | -50.64 | 1.84 | 11.87 | V |
|         | 10474 | -30.85 | -13 | -17.85 | -65.19 | -37.26 | 2.25 | 10.82 | V |
|         | 13965 | -31.05 | -13 | -18.05 | -72.63 | -38.66 | 2.66 | 12.43 | V |
|         | 20947 | -63.32 | -13 | -50.32 | -75.44 | -75.75 | 3.24 | 17.82 | V |
|         | 24438 | -59.85 | -13 | -46.85 | -76.69 | -72.61 | 3.76 | 18.66 | V |
|         | 27930 | -58.53 | -13 | -45.53 | -77.6  | -72.09 | 3.97 | 19.67 | V |
|         |       |        |     |        |        |        |      |       | V |
| Highest | 7063  | -43.18 | -13 | -30.18 | -72.1  | -50.83 | 1.84 | 11.64 | H |
|         | 10594 | -32.91 | -13 | -19.91 | -67.61 | -39.26 | 2.24 | 10.74 | H |
|         | 14125 | -31.07 | -13 | -18.07 | -72.85 | -38.59 | 2.66 | 12.33 | H |
|         | 21187 | -62.91 | -13 | -49.91 | -75.9  | -75.50 | 3.29 | 18.02 | H |
|         | 24718 | -60.27 | -13 | -47.27 | -77.54 | -72.96 | 3.73 | 18.57 | H |
|         | 28250 | -57.40 | -13 | -44.40 | -76.88 | -70.82 | 3.98 | 19.55 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 7063  | -43.22 | -13 | -30.22 | -71.96 | -50.87 | 1.84 | 11.64 | V |
|         | 10594 | -33.20 | -13 | -20.20 | -68.37 | -39.55 | 2.24 | 10.74 | V |
|         | 14125 | -30.79 | -13 | -17.79 | -72.88 | -38.31 | 2.66 | 12.33 | V |
|         | 21187 | -63.80 | -13 | -50.80 | -76.49 | -76.39 | 3.29 | 18.02 | V |
|         | 24718 | -60.60 | -13 | -47.60 | -77.56 | -73.29 | 3.73 | 18.57 | V |
|         | 28250 | -57.84 | -13 | -44.84 | -76.91 | -71.26 | 3.98 | 19.55 | V |
|         |       |        |     |        |        |        |      |       | V |

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



<Ant. 2 + Ant. 6>

**EN-DC 66A-n77A**

| EN-DC 66A-n77A / 20MHz / PI/2 BPSK |                   |              |               |               |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Margin ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                             | 6902              | -44.11       | -13           | -31.11        | -72.52            | -52.31             | 1.84                 | 12.19                 | H                  |
|                                    | 10353             | -37.35       | -13           | -24.35        | -72.15            | -43.83             | 2.26                 | 10.89                 | H                  |
|                                    | 13805             | -29.93       | -13           | -16.93        | -72.83            | -37.70             | 2.63                 | 12.56                 | H                  |
|                                    | 20708             | -63.89       | -13           | -50.89        | -76.29            | -76.43             | 3.22                 | 17.92                 | H                  |
|                                    | 24159             | -60.29       | -13           | -47.29        | -76.95            | -72.85             | 3.78                 | 18.50                 | H                  |
|                                    | 27610             | -57.63       | -13           | -44.63        | -77.16            | -71.08             | 3.95                 | 19.54                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6902              | -43.42       | -13           | -30.42        | -72.33            | -51.62             | 1.84                 | 12.19                 | V                  |
|                                    | 10353             | -37.49       | -13           | -24.49        | -71.5             | -43.97             | 2.26                 | 10.89                 | V                  |
|                                    | 13805             | -31.44       | -13           | -18.44        | -73.31            | -39.21             | 2.63                 | 12.56                 | V                  |
|                                    | 20708             | -64.86       | -13           | -51.86        | -77.02            | -77.40             | 3.22                 | 17.92                 | V                  |
|                                    | 24159             | -60.91       | -13           | -47.91        | -77.21            | -73.47             | 3.78                 | 18.50                 | V                  |
|                                    | 27610             | -58.36       | -13           | -45.36        | -77.57            | -71.81             | 3.95                 | 19.54                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |
| Middle                             | 6982              | -43.40       | -13           | -30.40        | -71.89            | -51.28             | 1.84                 | 11.87                 | H                  |
|                                    | 10473             | -37.49       | -13           | -24.49        | -72.44            | -43.90             | 2.25                 | 10.82                 | H                  |
|                                    | 13965             | -30.58       | -13           | -17.58        | -72.83            | -38.19             | 2.66                 | 12.43                 | H                  |
|                                    | 20948             | -63.25       | -13           | -50.25        | -75.66            | -75.68             | 3.24                 | 17.82                 | H                  |
|                                    | 24439             | -59.76       | -13           | -46.76        | -76.92            | -72.52             | 3.76                 | 18.66                 | H                  |
|                                    | 27930             | -57.46       | -13           | -44.46        | -76.92            | -71.02             | 3.97                 | 19.67                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6982              | -43.08       | -13           | -30.08        | -71.73            | -50.96             | 1.84                 | 11.87                 | V                  |
|                                    | 10473             | -37.54       | -13           | -24.54        | -71.89            | -43.95             | 2.25                 | 10.82                 | V                  |
|                                    | 13965             | -31.55       | -13           | -18.55        | -73.14            | -39.16             | 2.66                 | 12.43                 | V                  |
|                                    | 20948             | -64.32       | -13           | -51.32        | -76.44            | -76.75             | 3.24                 | 17.82                 | V                  |
|                                    | 24439             | -60.76       | -13           | -47.76        | -77.61            | -73.52             | 3.76                 | 18.66                 | V                  |
|                                    | 27930             | -58.10       | -13           | -45.10        | -77.17            | -71.66             | 3.97                 | 19.67                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 7062  | -43.59 | -13 | -30.59 | -72.33 | -51.24 | 1.84 | 11.65 | H |
|         | 10593 | -37.69 | -13 | -24.69 | -72.86 | -44.04 | 2.24 | 10.74 | H |
|         | 14125 | -30.25 | -13 | -17.25 | -72.34 | -37.77 | 2.66 | 12.33 | H |
|         | 21188 | -63.83 | -13 | -50.83 | -76.83 | -76.42 | 3.29 | 18.03 | H |
|         | 24719 | -60.27 | -13 | -47.27 | -77.54 | -72.96 | 3.73 | 18.57 | H |
|         | 28250 | -56.89 | -13 | -43.89 | -76.37 | -70.31 | 3.98 | 19.55 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 7062  | -42.96 | -13 | -29.96 | -71.88 | -50.61 | 1.84 | 11.65 | V |
|         | 10593 | -38.05 | -13 | -25.05 | -72.75 | -44.40 | 2.24 | 10.74 | V |
|         | 14125 | -31.04 | -13 | -18.04 | -72.83 | -38.56 | 2.66 | 12.33 | V |
|         | 21188 | -64.35 | -13 | -51.35 | -77.04 | -76.94 | 3.29 | 18.03 | V |
|         | 24719 | -60.66 | -13 | -47.66 | -77.62 | -73.35 | 3.73 | 18.57 | V |
|         | 28250 | -57.78 | -13 | -44.78 | -76.85 | -71.20 | 3.98 | 19.55 | V |
|         |       |        |     |        |        |        |      |       | V |

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



**EN-DC 66A-n77A**

| EN-DC 66A-n77A / 20MHz / PI/2 BPSK |                   |              |               |               |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Margin ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                             | 6903              | -44.07       | -13           | -31.07        | -72.48            | -52.26             | 1.84                 | 12.19                 | H                  |
|                                    | 10354             | -36.13       | -13           | -23.13        | -70.93            | -42.61             | 2.26                 | 10.89                 | H                  |
|                                    | 13805             | -30.08       | -13           | -17.08        | -72.98            | -37.85             | 2.63                 | 12.56                 | H                  |
|                                    | 20707             | -63.53       | -13           | -50.53        | -75.93            | -76.07             | 3.22                 | 17.92                 | H                  |
|                                    | 24159             | -59.84       | -13           | -46.84        | -76.5             | -72.40             | 3.78                 | 18.50                 | H                  |
|                                    | 27610             | -57.78       | -13           | -44.78        | -77.31            | -71.23             | 3.95                 | 19.54                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6903              | -42.74       | -13           | -29.74        | -71.65            | -50.93             | 1.84                 | 12.19                 | V                  |
|                                    | 10354             | -37.88       | -13           | -24.88        | -71.89            | -44.36             | 2.26                 | 10.89                 | V                  |
|                                    | 13805             | -30.93       | -13           | -17.93        | -72.8             | -38.70             | 2.63                 | 12.56                 | V                  |
|                                    | 20707             | -63.55       | -13           | -50.55        | -75.71            | -76.09             | 3.22                 | 17.92                 | V                  |
|                                    | 24159             | -60.25       | -13           | -47.25        | -76.55            | -72.81             | 3.78                 | 18.50                 | V                  |
|                                    | 27610             | -58.27       | -13           | -45.27        | -77.48            | -71.72             | 3.95                 | 19.54                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |
| Middle                             | 6983              | -43.25       | -13           | -30.25        | -71.74            | -51.13             | 1.84                 | 11.87                 | H                  |
|                                    | 10474             | -37.24       | -13           | -24.24        | -72.19            | -43.65             | 2.25                 | 10.82                 | H                  |
|                                    | 13965             | -30.77       | -13           | -17.77        | -73.02            | -38.38             | 2.66                 | 12.43                 | H                  |
|                                    | 20947             | -62.59       | -13           | -49.59        | -75               | -75.02             | 3.24                 | 17.82                 | H                  |
|                                    | 24438             | -59.49       | -13           | -46.49        | -76.65            | -72.25             | 3.76                 | 18.66                 | H                  |
|                                    | 27930             | -57.60       | -13           | -44.60        | -77.06            | -71.16             | 3.97                 | 19.67                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6983              | -43.01       | -13           | -30.01        | -71.66            | -50.89             | 1.84                 | 11.87                 | V                  |
|                                    | 10474             | -37.47       | -13           | -24.47        | -71.82            | -43.88             | 2.25                 | 10.82                 | V                  |
|                                    | 13965             | -31.35       | -13           | -18.35        | -72.94            | -38.96             | 2.66                 | 12.43                 | V                  |
|                                    | 20947             | -63.01       | -13           | -50.01        | -75.13            | -75.44             | 3.24                 | 17.82                 | V                  |
|                                    | 24438             | -60.01       | -13           | -47.01        | -76.85            | -72.77             | 3.76                 | 18.66                 | V                  |
|                                    | 27930             | -57.87       | -13           | -44.87        | -76.94            | -71.43             | 3.97                 | 19.67                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |





|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 7063  | -43.02 | -13 | -30.02 | -71.77 | -50.67 | 1.84 | 11.64 | H |
|         | 10594 | -37.28 | -13 | -24.28 | -72.45 | -43.63 | 2.24 | 10.74 | H |
|         | 14125 | -30.29 | -13 | -17.29 | -72.38 | -37.81 | 2.66 | 12.33 | H |
|         | 21187 | -63.01 | -13 | -50.01 | -76    | -75.60 | 3.29 | 18.02 | H |
|         | 24718 | -59.57 | -13 | -46.57 | -76.84 | -72.26 | 3.73 | 18.57 | H |
|         | 28250 | -57.31 | -13 | -44.31 | -76.79 | -70.73 | 3.98 | 19.55 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 7063  | -42.98 | -13 | -29.98 | -71.91 | -50.63 | 1.84 | 11.64 | V |
|         | 10594 | -37.42 | -13 | -24.42 | -72.12 | -43.77 | 2.24 | 10.74 | V |
|         | 14125 | -30.90 | -13 | -17.90 | -72.69 | -38.42 | 2.66 | 12.33 | V |
|         | 21187 | -63.02 | -13 | -50.02 | -75.71 | -75.61 | 3.29 | 18.02 | V |
|         | 24718 | -60.43 | -13 | -47.43 | -77.39 | -73.12 | 3.73 | 18.57 | V |
|         | 28250 | -57.41 | -13 | -44.41 | -76.48 | -70.83 | 3.98 | 19.55 | V |
|         |       |        |     |        |        |        |      |       | V |

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



<ASDIV Antenna>  
<Ant. 2>

**5G NR n77 (HPUE)**

| 5G NR n77 (HPUE) / 20MHz / PI/2 BPSK |                   |              |               |               |                   |                    |                      |                       |                    |
|--------------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                              | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Margin ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                               | 6903              | -44.12       | -13           | -31.12        | -72.53            | -52.31             | 1.84                 | 12.19                 | H                  |
|                                      | 10354             | -37.02       | -13           | -24.02        | -71.82            | -43.50             | 2.26                 | 10.89                 | H                  |
|                                      | 13805             | -30.47       | -13           | -17.47        | -73.37            | -38.24             | 2.63                 | 12.56                 | H                  |
|                                      | 20707             | -63.84       | -13           | -50.84        | -76.24            | -76.38             | 3.22                 | 17.92                 | H                  |
|                                      | 24159             | -60.22       | -13           | -47.22        | -76.88            | -72.78             | 3.78                 | 18.50                 | H                  |
|                                      | 27610             | -57.93       | -13           | -44.93        | -77.46            | -71.38             | 3.95                 | 19.54                 | H                  |
|                                      |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                      | 6903              | -43.48       | -13           | -30.48        | -72.39            | -51.67             | 1.84                 | 12.19                 | V                  |
|                                      | 10354             | -38.07       | -13           | -25.07        | -72.08            | -44.55             | 2.26                 | 10.89                 | V                  |
|                                      | 13805             | -31.29       | -13           | -18.29        | -73.16            | -39.06             | 2.63                 | 12.56                 | V                  |
|                                      | 20707             | -63.36       | -13           | -50.36        | -75.52            | -75.90             | 3.22                 | 17.92                 | V                  |
|                                      | 24159             | -60.37       | -13           | -47.37        | -76.67            | -72.93             | 3.78                 | 18.50                 | V                  |
|                                      | 27610             | -58.07       | -13           | -45.07        | -77.28            | -71.52             | 3.95                 | 19.54                 | V                  |
|                                      |                   |              |               |               |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle  | 6983  | -43.53 | -13 | -30.53 | -72.02 | -51.41 | 1.84 | 11.87 | H |
|         | 10474 | -36.72 | -13 | -23.72 | -71.66 | -43.13 | 2.25 | 10.82 | H |
|         | 13965 | -31.07 | -13 | -18.07 | -73.3  | -38.68 | 2.66 | 12.43 | H |
|         | 20947 | -62.78 | -13 | -49.78 | -75.19 | -75.21 | 3.24 | 17.82 | H |
|         | 24438 | -59.82 | -13 | -46.82 | -76.98 | -72.58 | 3.76 | 18.66 | H |
|         | 27930 | -57.76 | -13 | -44.76 | -77.22 | -71.32 | 3.97 | 19.67 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 6983  | -43.22 | -13 | -30.22 | -71.87 | -51.10 | 1.84 | 11.87 | V |
|         | 10474 | -37.98 | -13 | -24.98 | -72.32 | -44.39 | 2.25 | 10.82 | V |
|         | 13965 | -31.65 | -13 | -18.65 | -73.23 | -39.26 | 2.66 | 12.43 | V |
|         | 20947 | -63.32 | -13 | -50.32 | -75.44 | -75.75 | 3.24 | 17.82 | V |
|         | 24438 | -59.63 | -13 | -46.63 | -76.47 | -72.39 | 3.76 | 18.66 | V |
|         | 27930 | -57.90 | -13 | -44.90 | -76.97 | -71.46 | 3.97 | 19.67 | V |
|         |       |        |     |        |        |        |      |       | V |
| Highest | 7063  | -43.51 | -13 | -30.51 | -72.25 | -51.16 | 1.84 | 11.64 | H |
|         | 10594 | -37.73 | -13 | -24.73 | -72.9  | -44.08 | 2.24 | 10.74 | H |
|         | 14125 | -30.61 | -13 | -17.61 | -72.7  | -38.13 | 2.66 | 12.33 | H |
|         | 21187 | -63.07 | -13 | -50.07 | -76.06 | -75.66 | 3.29 | 18.02 | H |
|         | 24718 | -59.84 | -13 | -46.84 | -77.11 | -72.53 | 3.73 | 18.57 | H |
|         | 28250 | -57.22 | -13 | -44.22 | -76.7  | -70.64 | 3.98 | 19.55 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 7063  | -43.22 | -13 | -30.22 | -72.14 | -50.87 | 1.84 | 11.64 | V |
|         | 10594 | -38.17 | -13 | -25.17 | -72.87 | -44.52 | 2.24 | 10.74 | V |
|         | 14125 | -31.33 | -13 | -18.33 | -73.11 | -38.85 | 2.66 | 12.33 | V |
|         | 21187 | -63.67 | -13 | -50.67 | -76.36 | -76.26 | 3.29 | 18.02 | V |
|         | 24718 | -60.36 | -13 | -47.36 | -77.32 | -73.05 | 3.73 | 18.57 | V |
|         | 28250 | -57.97 | -13 | -44.97 | -77.04 | -71.39 | 3.98 | 19.55 | V |
|         |       |        |     |        |        |        |      |       | V |

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



<Ant. 0 + Ant. 2>

**EN-DC 66A-n77A**

| EN-DC 66A-n77A / 20MHz / PI/2 BPSK |                   |              |               |               |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Margin ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                             | 6902              | -43.85       | -13           | -30.85        | -72.26            | -52.05             | 1.84                 | 12.19                 | H                  |
|                                    | 10353             | -36.83       | -13           | -23.83        | -71.63            | -43.31             | 2.26                 | 10.89                 | H                  |
|                                    | 13805             | -30.29       | -13           | -17.29        | -73.19            | -38.06             | 2.63                 | 12.56                 | H                  |
|                                    | 20708             | -63.22       | -13           | -50.22        | -75.62            | -75.76             | 3.22                 | 17.92                 | H                  |
|                                    | 24159             | -59.67       | -13           | -46.67        | -76.33            | -72.23             | 3.78                 | 18.50                 | H                  |
|                                    | 27610             | -57.77       | -13           | -44.77        | -77.3             | -71.22             | 3.95                 | 19.54                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6902              | -43.32       | -13           | -30.32        | -72.23            | -51.52             | 1.84                 | 12.19                 | V                  |
|                                    | 10353             | -38.08       | -13           | -25.08        | -72.09            | -44.56             | 2.26                 | 10.89                 | V                  |
|                                    | 13805             | -30.47       | -13           | -17.47        | -72.34            | -38.24             | 2.63                 | 12.56                 | V                  |
|                                    | 20708             | -63.30       | -13           | -50.30        | -75.46            | -75.84             | 3.22                 | 17.92                 | V                  |
|                                    | 24159             | -60.08       | -13           | -47.08        | -76.38            | -72.64             | 3.78                 | 18.50                 | V                  |
|                                    | 27610             | -58.17       | -13           | -45.17        | -77.38            | -71.62             | 3.95                 | 19.54                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |
| Middle                             | 6982              | -43.11       | -13           | -30.11        | -71.6             | -50.99             | 1.84                 | 11.87                 | H                  |
|                                    | 10473             | -37.09       | -13           | -24.09        | -72.04            | -43.50             | 2.25                 | 10.82                 | H                  |
|                                    | 13965             | -30.02       | -13           | -17.02        | -72.27            | -37.63             | 2.66                 | 12.43                 | H                  |
|                                    | 20948             | -62.16       | -13           | -49.16        | -74.57            | -74.59             | 3.24                 | 17.82                 | H                  |
|                                    | 24439             | -59.49       | -13           | -46.49        | -76.65            | -72.25             | 3.76                 | 18.66                 | H                  |
|                                    | 27930             | -57.28       | -13           | -44.28        | -76.74            | -70.84             | 3.97                 | 19.67                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6982              | -42.88       | -13           | -29.88        | -71.53            | -50.76             | 1.84                 | 11.87                 | V                  |
|                                    | 10473             | -37.50       | -13           | -24.50        | -71.85            | -43.91             | 2.25                 | 10.82                 | V                  |
|                                    | 13965             | -31.29       | -13           | -18.29        | -72.88            | -38.90             | 2.66                 | 12.43                 | V                  |
|                                    | 20948             | -62.85       | -13           | -49.85        | -74.97            | -75.28             | 3.24                 | 17.82                 | V                  |
|                                    | 24439             | -59.70       | -13           | -46.70        | -76.55            | -72.46             | 3.76                 | 18.66                 | V                  |
|                                    | 27930             | -57.18       | -13           | -44.18        | -76.25            | -70.74             | 3.97                 | 19.67                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |
|                                    |                   |              |               |               |                   |                    |                      | V                     |                    |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 7062  | -42.84 | -13 | -29.84 | -71.58 | -50.49 | 1.84 | 11.65 | H |
|         | 10593 | -37.63 | -13 | -24.63 | -72.8  | -43.98 | 2.24 | 10.74 | H |
|         | 14125 | -30.74 | -13 | -17.74 | -72.83 | -38.26 | 2.66 | 12.33 | H |
|         | 21188 | -62.87 | -13 | -49.87 | -75.87 | -75.46 | 3.29 | 18.03 | H |
|         | 24719 | -60.00 | -13 | -47.00 | -77.27 | -72.69 | 3.73 | 18.57 | H |
|         | 28250 | -57.18 | -13 | -44.18 | -76.66 | -70.60 | 3.98 | 19.55 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 7062  | -43.12 | -13 | -30.12 | -72.04 | -50.77 | 1.84 | 11.65 | V |
|         | 10593 | -37.95 | -13 | -24.95 | -72.65 | -44.30 | 2.24 | 10.74 | V |
|         | 14125 | -31.09 | -13 | -18.09 | -72.88 | -38.61 | 2.66 | 12.33 | V |
|         | 21188 | -63.46 | -13 | -50.46 | -76.15 | -76.05 | 3.29 | 18.03 | V |
|         | 24719 | -60.36 | -13 | -47.36 | -77.32 | -73.05 | 3.73 | 18.57 | V |
|         | 28250 | -57.47 | -13 | -44.47 | -76.54 | -70.89 | 3.98 | 19.55 | V |
|         |       |        |     |        |        |        |      |       | V |

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



**EN-DC 66A-n77A**

| EN-DC 66A-n77A / 20MHz / PI/2 BPSK |                   |              |               |               |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Margin ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                             | 6903              | -43.76       | -13           | -30.76        | -72.17            | -51.95             | 1.84                 | 12.19                 | H                  |
|                                    | 10354             | -36.78       | -13           | -23.78        | -71.58            | -43.26             | 2.26                 | 10.89                 | H                  |
|                                    | 13805             | -30.28       | -13           | -17.28        | -73.18            | -38.05             | 2.63                 | 12.56                 | H                  |
|                                    | 20707             | -63.46       | -13           | -50.46        | -75.86            | -76.00             | 3.22                 | 17.92                 | H                  |
|                                    | 24159             | -60.11       | -13           | -47.11        | -76.77            | -72.67             | 3.78                 | 18.50                 | H                  |
|                                    | 27610             | -58.05       | -13           | -45.05        | -77.58            | -71.50             | 3.95                 | 19.54                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6903              | -43.29       | -13           | -30.29        | -72.2             | -51.48             | 1.84                 | 12.19                 | V                  |
|                                    | 10354             | -37.87       | -13           | -24.87        | -71.88            | -44.35             | 2.26                 | 10.89                 | V                  |
|                                    | 13805             | -31.32       | -13           | -18.32        | -73.19            | -39.09             | 2.63                 | 12.56                 | V                  |
|                                    | 20707             | -63.85       | -13           | -50.85        | -76.01            | -76.39             | 3.22                 | 17.92                 | V                  |
|                                    | 24159             | -60.52       | -13           | -47.52        | -76.82            | -73.08             | 3.78                 | 18.50                 | V                  |
|                                    | 27610             | -58.56       | -13           | -45.56        | -77.77            | -72.01             | 3.95                 | 19.54                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |
| Middle                             | 6983              | -43.33       | -13           | -30.33        | -71.82            | -51.21             | 1.84                 | 11.87                 | H                  |
|                                    | 10474             | -37.00       | -13           | -24.00        | -71.95            | -43.41             | 2.25                 | 10.82                 | H                  |
|                                    | 13965             | -30.90       | -13           | -17.90        | -73.15            | -38.51             | 2.66                 | 12.43                 | H                  |
|                                    | 20947             | -62.84       | -13           | -49.84        | -75.25            | -75.27             | 3.24                 | 17.82                 | H                  |
|                                    | 24438             | -59.59       | -13           | -46.59        | -76.75            | -72.35             | 3.76                 | 18.66                 | H                  |
|                                    | 27930             | -57.36       | -13           | -44.36        | -76.82            | -70.92             | 3.97                 | 19.67                 | H                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | H                  |
|                                    | 6983              | -43.21       | -13           | -30.21        | -71.86            | -51.09             | 1.84                 | 11.87                 | V                  |
|                                    | 10474             | -37.49       | -13           | -24.49        | -71.84            | -43.90             | 2.25                 | 10.82                 | V                  |
|                                    | 13965             | -31.24       | -13           | -18.24        | -72.83            | -38.85             | 2.66                 | 12.43                 | V                  |
|                                    | 20947             | -63.07       | -13           | -50.07        | -75.19            | -75.50             | 3.24                 | 17.82                 | V                  |
|                                    | 24438             | -60.31       | -13           | -47.31        | -77.15            | -73.07             | 3.76                 | 18.66                 | V                  |
|                                    | 27930             | -57.66       | -13           | -44.66        | -76.73            | -71.22             | 3.97                 | 19.67                 | V                  |
|                                    |                   |              |               |               |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 7063  | -42.63 | -13 | -29.63 | -71.38 | -50.28 | 1.84 | 11.64 | H |
|         | 10594 | -37.55 | -13 | -24.55 | -72.72 | -43.90 | 2.24 | 10.74 | H |
|         | 14125 | -30.54 | -13 | -17.54 | -72.63 | -38.06 | 2.66 | 12.33 | H |
|         | 21187 | -63.25 | -13 | -50.25 | -76.24 | -75.84 | 3.29 | 18.02 | H |
|         | 24718 | -59.94 | -13 | -46.94 | -77.21 | -72.63 | 3.73 | 18.57 | H |
|         | 28250 | -57.06 | -13 | -44.06 | -76.54 | -70.48 | 3.98 | 19.55 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 7063  | -43.05 | -13 | -30.05 | -71.98 | -50.70 | 1.84 | 11.64 | V |
|         | 10594 | -37.85 | -13 | -24.85 | -72.55 | -44.20 | 2.24 | 10.74 | V |
|         | 14125 | -30.80 | -13 | -17.80 | -72.59 | -38.32 | 2.66 | 12.33 | V |
|         | 21187 | -63.67 | -13 | -50.67 | -76.36 | -76.26 | 3.29 | 18.02 | V |
|         | 24718 | -59.74 | -13 | -46.74 | -76.7  | -72.43 | 3.73 | 18.57 | V |
|         | 28250 | -57.66 | -13 | -44.66 | -76.73 | -71.08 | 3.98 | 19.55 | V |
|         |       |        |     |        |        |        |      |       | V |

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

————THE END————