



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5184  | -56.48 | -25 | -31.48 | -80.6  | -63.74 | 2.44 | 9.70  | H |
|         | 7770  | -53.91 | -25 | -28.91 | -81.72 | -63.53 | 2.34 | 11.96 | H |
|         | 10368 | -49.71 | -25 | -24.71 | -82.15 | -59.36 | 2.69 | 12.35 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5184  | -55.09 | -25 | -30.09 | -79.06 | -62.35 | 2.44 | 9.70  | V |
|         | 7770  | -53.19 | -25 | -28.19 | -81.37 | -62.81 | 2.34 | 11.96 | V |
|         | 10368 | -49.62 | -25 | -24.62 | -81.88 | -59.27 | 2.69 | 12.35 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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



&lt;Ant. 0 + Ant. 2&gt;

## EN-DC 71A-n2A

| EN-DC 71A-n2A / 20MHz / PI/2 BPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|-----------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                           | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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) |
| Lowest                            | 3702                 | -57.63          | -13              | -44.63           | -78.4                   | -64.2                    | 1.67                       | 8.24                        | H                     |
|                                   | 5550                 | -55.58          | -13              | -42.58           | -81.01                  | -62.65                   | 2.65                       | 9.72                        | H                     |
|                                   | 7404                 | -51.01          | -13              | -38.01           | -78.11                  | -60.16                   | 2.46                       | 11.61                       | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   | 3702                 | -55.00          | -13              | -42.00           | -75.76                  | -61.57                   | 1.67                       | 8.24                        | V                     |
|                                   | 5550                 | -55.01          | -13              | -42.01           | -80.41                  | -62.08                   | 2.65                       | 9.72                        | V                     |
|                                   | 7404                 | -45.86          | -13              | -32.86           | -73.17                  | -55.01                   | 2.46                       | 11.61                       | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                            | 3744                 | -57.01          | -13              | -44.01           | -77.78                  | -63.62                   | 1.68                       | 8.29                        | H                     |
|                                   | 5610                 | -55.73          | -13              | -42.73           | -81.27                  | -62.79                   | 2.69                       | 9.74                        | H                     |
|                                   | 7482                 | -52.82          | -13              | -39.82           | -79.95                  | -62.15                   | 2.44                       | 11.76                       | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   | 3744                 | -54.44          | -13              | -41.44           | -75.26                  | -61.05                   | 1.68                       | 8.29                        | V                     |
|                                   | 5610                 | -55.29          | -13              | -42.29           | -80.78                  | -62.35                   | 2.69                       | 9.74                        | V                     |
|                                   | 7482                 | -46.99          | -13              | -33.99           | -74.18                  | -56.32                   | 2.44                       | 11.76                       | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3780 | -56.42 | -13 | -43.42 | -77.16 | -63.06 | 1.69 | 8.34  | H |
|         | 5670 | -55.46 | -13 | -42.46 | -81.08 | -62.51 | 2.72 | 9.77  | H |
|         | 7560 | -50.35 | -13 | -37.35 | -77.68 | -59.78 | 2.41 | 11.84 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3780 | -52.57 | -13 | -39.57 | -73.35 | -59.21 | 1.69 | 8.34  | V |
|         | 5670 | -55.09 | -13 | -42.09 | -80.7  | -62.14 | 2.72 | 9.77  | V |
|         | 7560 | -48.01 | -13 | -35.01 | -75.6  | -57.44 | 2.41 | 11.84 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

**Remark:**

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B71 + n2 (Antenna 0+2)



## EN-DC 13A-n25A

| EN-DC 13A-n25A / 40MHz / PI/2 BPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|------------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                            | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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) |
| Lowest                             | 3702                 | -57.84          | -13              | -44.84           | -78.61                  | -64.41                   | 1.67                       | 8.24                        | H                     |
|                                    | 5550                 | -55.76          | -13              | -42.76           | -81.19                  | -62.83                   | 2.65                       | 9.72                        | H                     |
|                                    | 7398                 | -54.78          | -13              | -41.78           | -81.87                  | -63.91                   | 2.46                       | 11.60                       | H                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                    | 3702                 | -57.65          | -13              | -44.65           | -78.41                  | -64.22                   | 1.67                       | 8.24                        | V                     |
|                                    | 5550                 | -55.52          | -13              | -42.52           | -80.92                  | -62.59                   | 2.65                       | 9.72                        | V                     |
|                                    | 7398                 | -54.39          | -13              | -41.39           | -81.68                  | -63.52                   | 2.46                       | 11.60                       | V                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                             | 3726                 | -58.15          | -13              | -45.15           | -78.93                  | -64.75                   | 1.68                       | 8.27                        | H                     |
|                                    | 5586                 | -55.47          | -13              | -42.47           | -80.98                  | -62.53                   | 2.67                       | 9.73                        | H                     |
|                                    | 7452                 | -54.62          | -13              | -41.62           | -81.76                  | -63.88                   | 2.44                       | 11.70                       | H                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                    | 3726                 | -57.89          | -13              | -44.89           | -78.67                  | -64.49                   | 1.68                       | 8.27                        | V                     |
|                                    | 5586                 | -55.70          | -13              | -42.70           | -81.19                  | -62.76                   | 2.67                       | 9.73                        | V                     |
|                                    | 7452                 | -53.52          | -13              | -40.52           | -80.88                  | -62.78                   | 2.44                       | 11.70                       | V                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                    |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3750 | -57.86 | -13 | -44.86 | -78.62 | -64.48 | 1.68 | 8.30  | H |
|         | 5625 | -55.71 | -13 | -42.71 | -81.27 | -62.76 | 2.70 | 9.75  | H |
|         | 7500 | -54.61 | -13 | -41.61 | -81.77 | -63.98 | 2.43 | 11.80 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3750 | -56.95 | -13 | -43.95 | -77.73 | -63.57 | 1.68 | 8.30  | V |
|         | 5625 | -55.64 | -13 | -42.64 | -81.19 | -62.69 | 2.70 | 9.75  | V |
|         | 7500 | -54.11 | -13 | -41.11 | -81.51 | -63.48 | 2.43 | 11.80 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

**Remark:**

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B13 + n25 (Antenna 0+2)

**EN-DC 5A-n66A**

| EN-DC 5A-n66A / 40MHz / PI/2 BPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|-----------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                           | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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) |
| Lowest                            | 3420                 | -57.02          | -13              | -44.02           | -77.57                  | -63.09                   | 1.58                       | 7.65                        | H                     |
|                                   | 5130                 | -56.09          | -13              | -43.09           | -80.2                   | -63.38                   | 2.41                       | 9.70                        | H                     |
|                                   | 6840                 | -54.67          | -13              | -41.67           | -81.73                  | -62.64                   | 2.64                       | 10.61                       | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   | 3420                 | -54.54          | -13              | -41.54           | -75.14                  | -60.61                   | 1.58                       | 7.65                        | V                     |
|                                   | 5130                 | -56.27          | -13              | -43.27           | -80.22                  | -63.56                   | 2.41                       | 9.70                        | V                     |
|                                   | 6840                 | -54.44          | -13              | -41.44           | -81.55                  | -62.41                   | 2.64                       | 10.61                       | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                            | 3450                 | -57.65          | -13              | -44.65           | -78.41                  | -63.84                   | 1.59                       | 7.78                        | H                     |
|                                   | 5175                 | -56.06          | -13              | -43.06           | -80.22                  | -63.32                   | 2.44                       | 9.70                        | H                     |
|                                   | 6900                 | -54.88          | -13              | -41.88           | -81.78                  | -62.94                   | 2.62                       | 10.68                       | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   | 3450                 | -51.30          | -13              | -38.30           | -71.97                  | -57.49                   | 1.59                       | 7.78                        | V                     |
|                                   | 5175                 | -56.05          | -13              | -43.05           | -80.07                  | -63.31                   | 2.44                       | 9.70                        | V                     |
|                                   | 6900                 | -54.71          | -13              | -41.71           | -81.6                   | -62.77                   | 2.62                       | 10.68                       | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3480 | -56.72 | -13 | -43.72 | -77.58 | -63.03 | 1.60 | 7.91  | H |
|         | 5220 | -56.07 | -13 | -43.07 | -80.3  | -63.31 | 2.46 | 9.70  | H |
|         | 6960 | -55.08 | -13 | -42.08 | -81.86 | -63.23 | 2.60 | 10.75 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3480 | -55.43 | -13 | -42.43 | -76.17 | -61.74 | 1.60 | 7.91  | V |
|         | 5220 | -56.12 | -13 | -43.12 | -80.22 | -63.36 | 2.46 | 9.70  | V |
|         | 6960 | -55.13 | -13 | -42.13 | -81.94 | -63.28 | 2.60 | 10.75 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

**Remark:**

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B5 + n66 (Antenna 0+2)

**EN-DC 12A-n7A**

| EN-DC 12A-n7A / 20MHz / PI/2 BPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|-----------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                           | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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) |
| Lowest                            | 5004                 | -56.51          | -25              | -31.51           | -80.56                  | -63.87                   | 2.34                       | 9.70                        | H                     |
|                                   | 7500                 | -52.56          | -25              | -27.56           | -79.76                  | -61.93                   | 2.43                       | 11.80                       | H                     |
|                                   | 10008                | -51.17          | -25              | -26.17           | -82.77                  | -60.68                   | 2.70                       | 12.20                       | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   | 5004                 | -54.22          | -25              | -29.22           | -77.99                  | -61.58                   | 2.34                       | 9.70                        | V                     |
|                                   | 7500                 | -50.85          | -25              | -25.85           | -78.22                  | -60.22                   | 2.43                       | 11.80                       | V                     |
|                                   | 10008                | -50.98          | -25              | -25.98           | -82.22                  | -60.49                   | 2.70                       | 12.20                       | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                            | 5052                 | -55.82          | -25              | -30.82           | -79.85                  | -63.15                   | 2.37                       | 9.70                        | H                     |
|                                   | 7578                 | -54.23          | -25              | -29.23           | -81.58                  | -63.67                   | 2.40                       | 11.85                       | H                     |
|                                   | 10098                | -50.92          | -25              | -25.92           | -82.55                  | -60.46                   | 2.70                       | 12.24                       | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                   | 5052                 | -55.78          | -25              | -30.78           | -79.57                  | -63.11                   | 2.37                       | 9.70                        | V                     |
|                                   | 7578                 | -52.81          | -25              | -27.81           | -80.34                  | -62.25                   | 2.40                       | 11.85                       | V                     |
|                                   | 10098                | -50.92          | -25              | -25.92           | -82.51                  | -60.46                   | 2.70                       | 12.24                       | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -56.08 | -25 | -31.08 | -80.18 | -63.39 | 2.39 | 9.70  | H |
|         | 7650  | -52.23 | -25 | -27.23 | -79.74 | -61.74 | 2.38 | 11.89 | H |
|         | 10206 | -50.64 | -25 | -25.64 | -82.64 | -60.23 | 2.70 | 12.28 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -55.58 | -25 | -30.58 | -79.5  | -62.89 | 2.39 | 9.70  | V |
|         | 7650  | -52.11 | -25 | -27.11 | -79.94 | -61.62 | 2.38 | 11.89 | V |
|         | 10206 | -51.07 | -25 | -26.07 | -82.98 | -60.66 | 2.70 | 12.28 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

**Remark:**

1. Spurious emissions within 30-1000MHz were found more than 20dB below line.
2. Test combination is EN-DC B12 + n7 (Antenna 0+2)