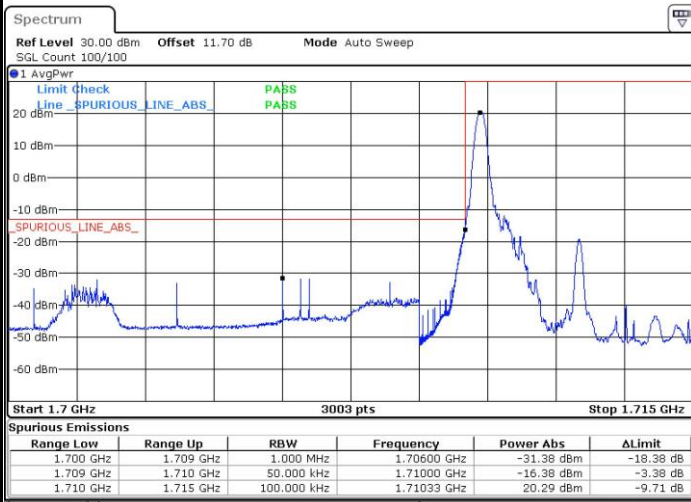




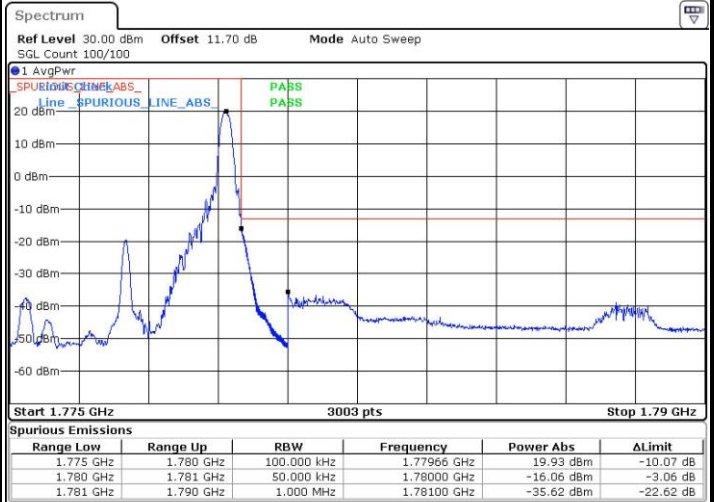
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



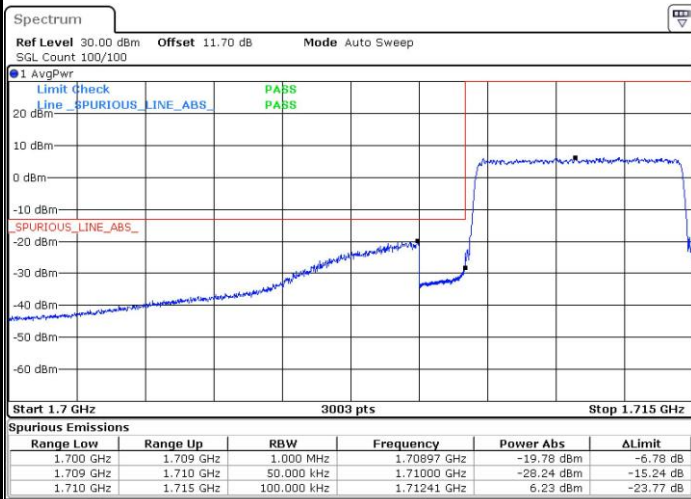
Date: 4.NOV.2016 14:34:16

Highest Band Edge / 1 RB



Date: 4.NOV.2016 14:38:54

Lowest Band Edge / Full RB



Date: 4.NOV.2016 14:36:35

Highest Band Edge / Full RB

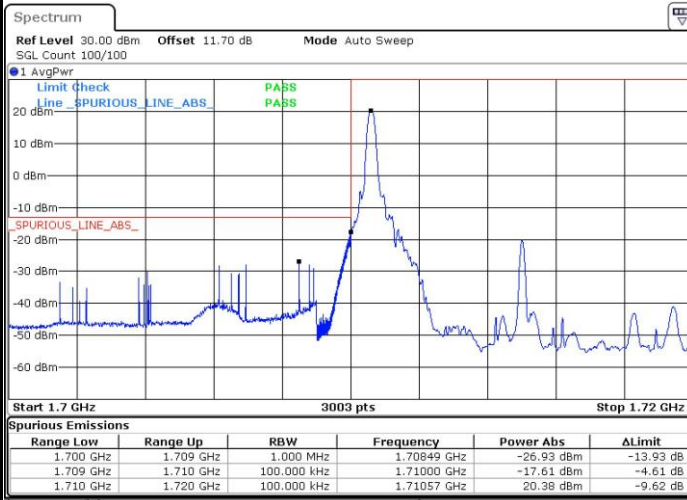


Date: 4.NOV.2016 14:41:13



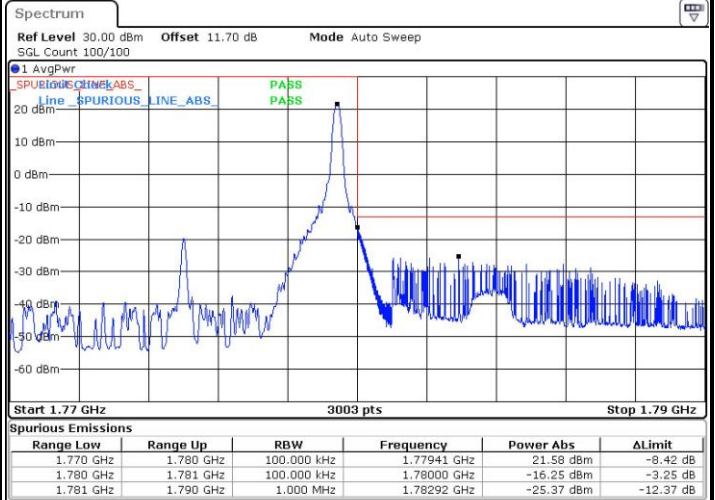
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



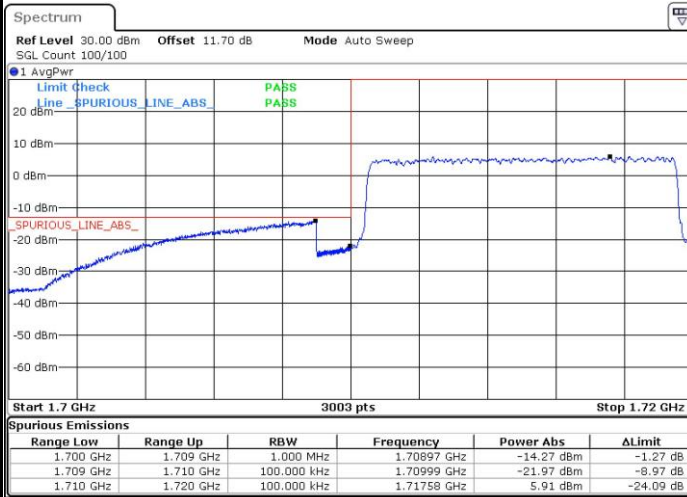
Date: 4.NOV.2016 14:42:22

Highest Band Edge / 1 RB



Date: 4.NOV.2016 15:22:41

Lowest Band Edge / Full RB



Date: 4.NOV.2016 15:20:22

Highest Band Edge / Full RB

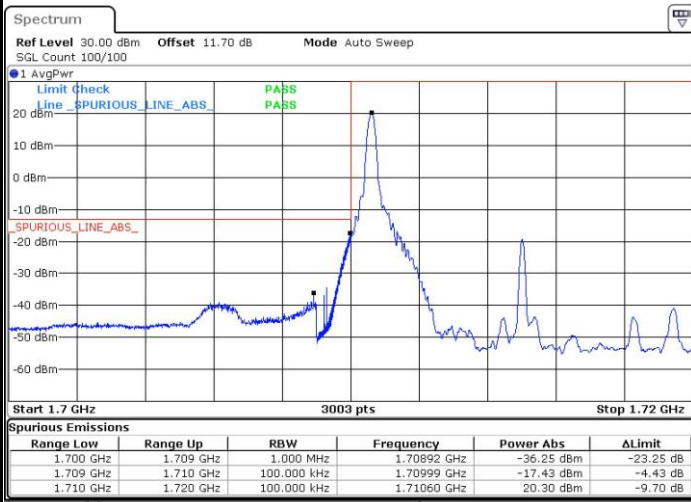


Date: 4.NOV.2016 15:25:00



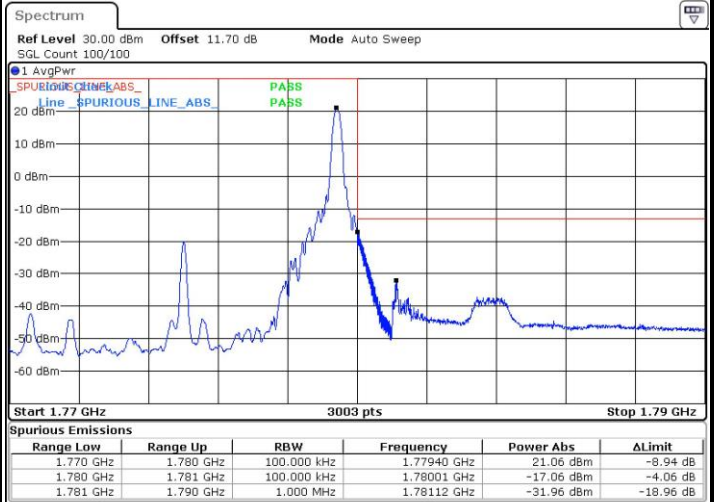
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



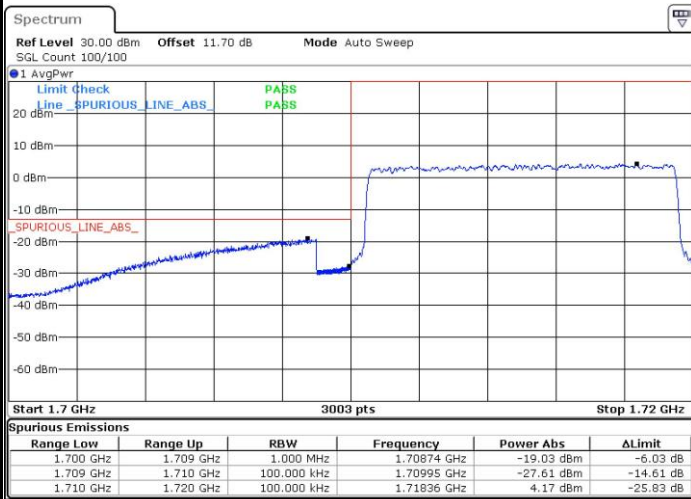
Date: 4.NOV.2016 14:43:32

Highest Band Edge / 1 RB



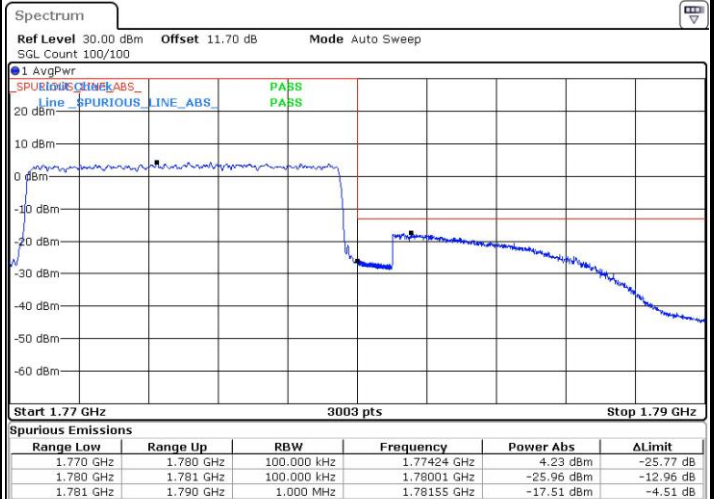
Date: 4.NOV.2016 15:23:51

Lowest Band Edge / Full RB



Date: 4.NOV.2016 15:21:32

Highest Band Edge / Full RB

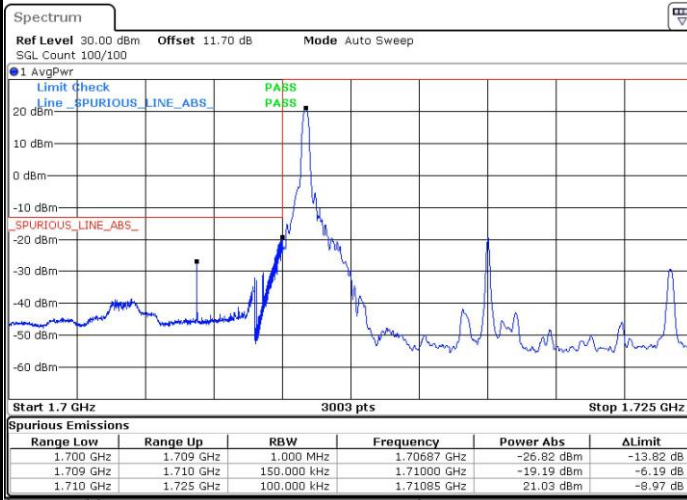


Date: 4.NOV.2016 15:26:10



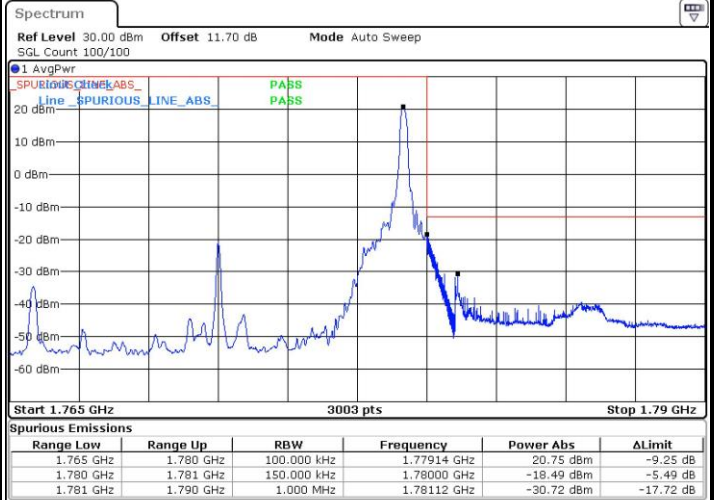
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



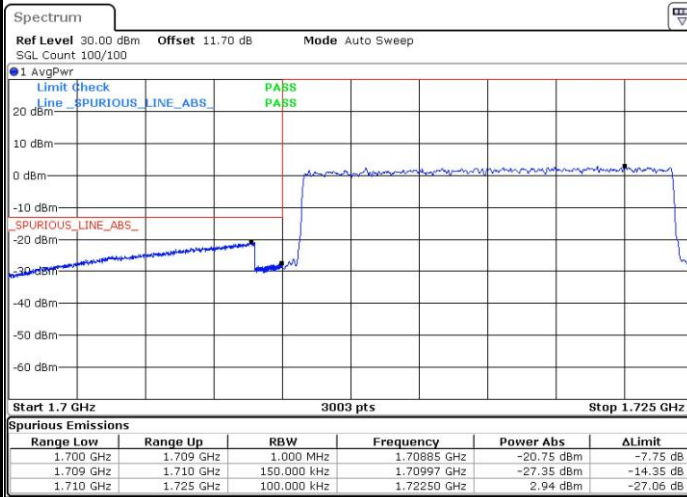
Date: 4.NOV.2016 15:27:19

Highest Band Edge / 1 RB



Date: 4.NOV.2016 15:31:57

Lowest Band Edge / Full RB



Date: 4.NOV.2016 15:29:38

Highest Band Edge / Full RB

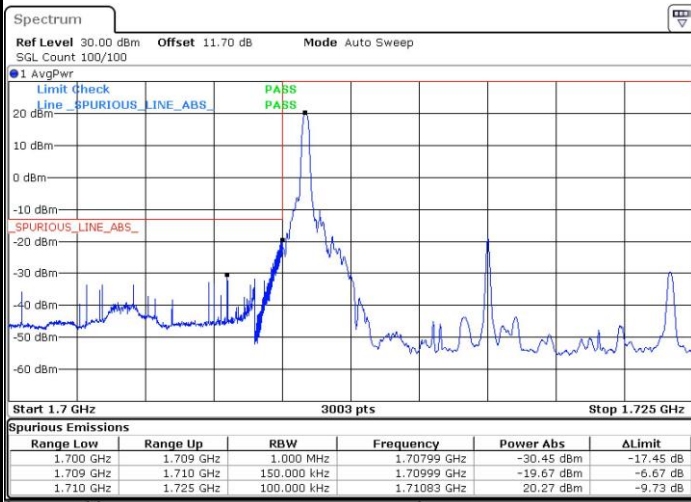


Date: 4.NOV.2016 15:34:16



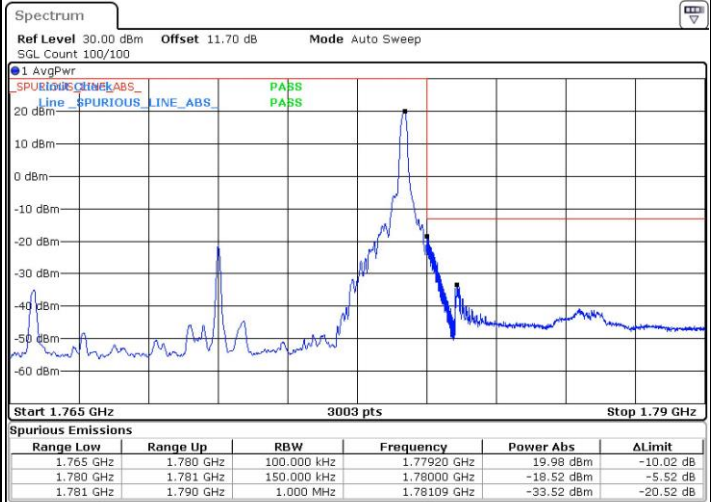
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



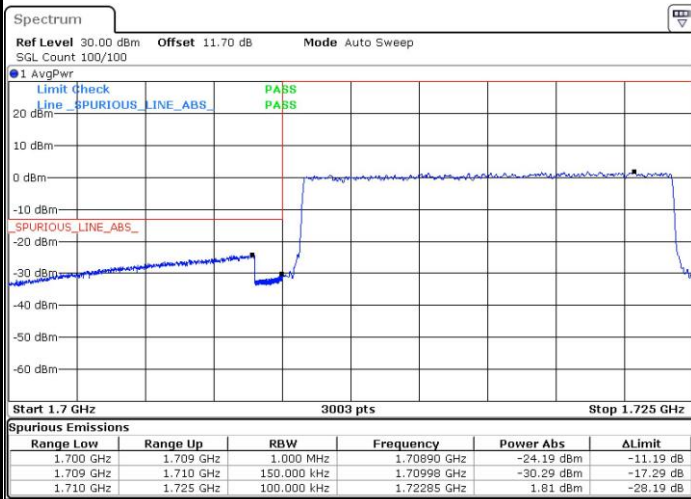
Date: 4.NOV.2016 15:28:29

Highest Band Edge / 1 RB



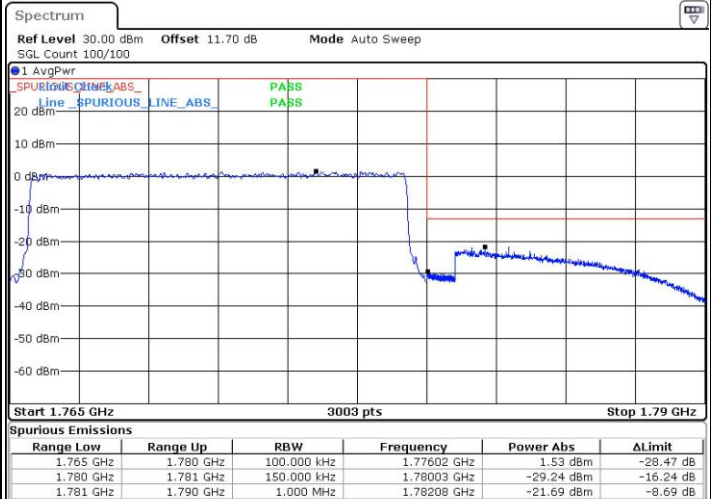
Date: 4.NOV.2016 15:33:06

Lowest Band Edge / Full RB



Date: 4.NOV.2016 15:30:48

Highest Band Edge / Full RB

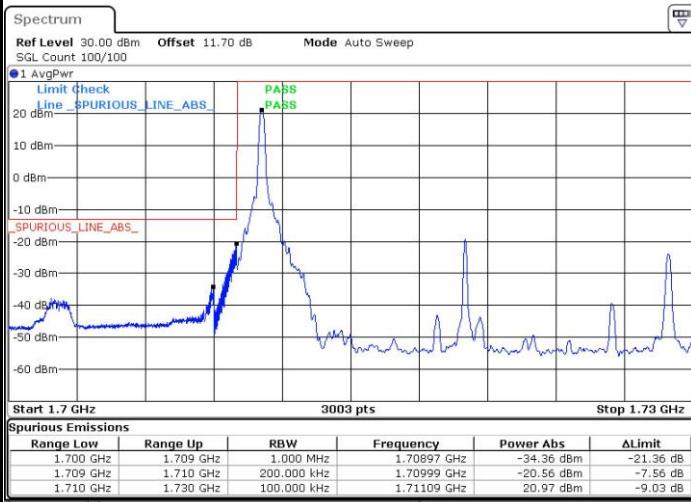


Date: 4.NOV.2016 15:35:25

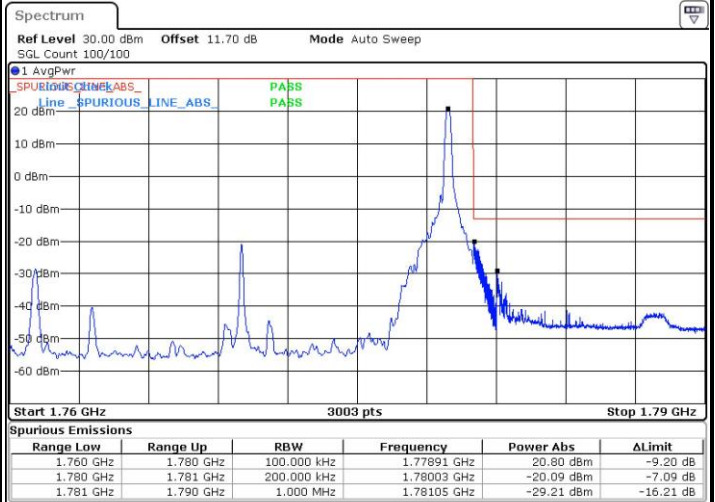


LTE Band 66 / 20MHz / QPSK

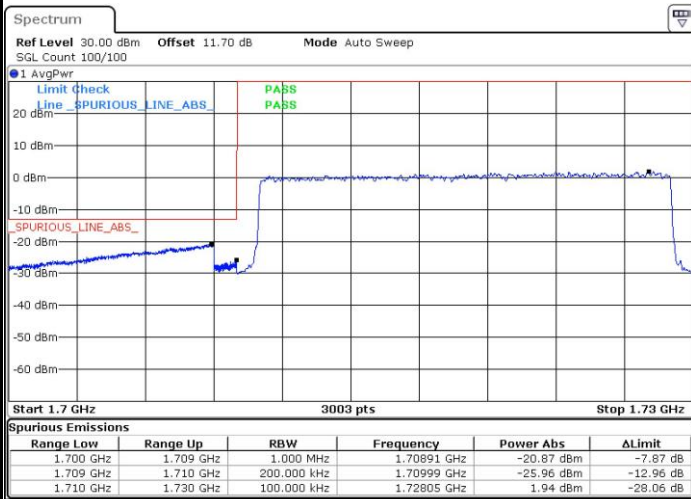
Lowest Band Edge / 1 RB



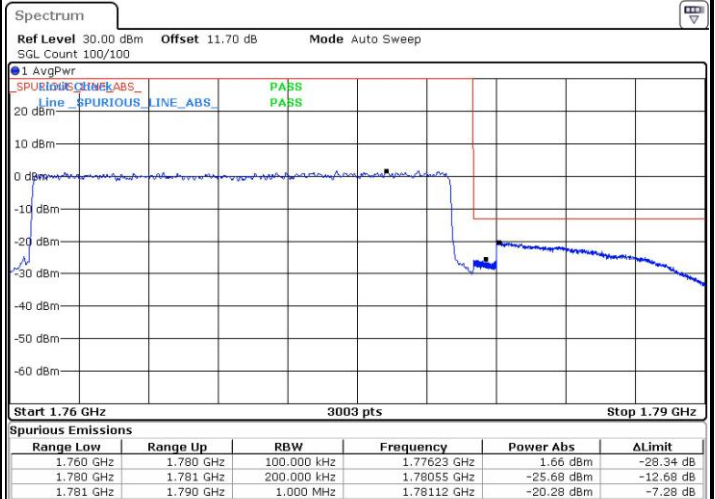
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



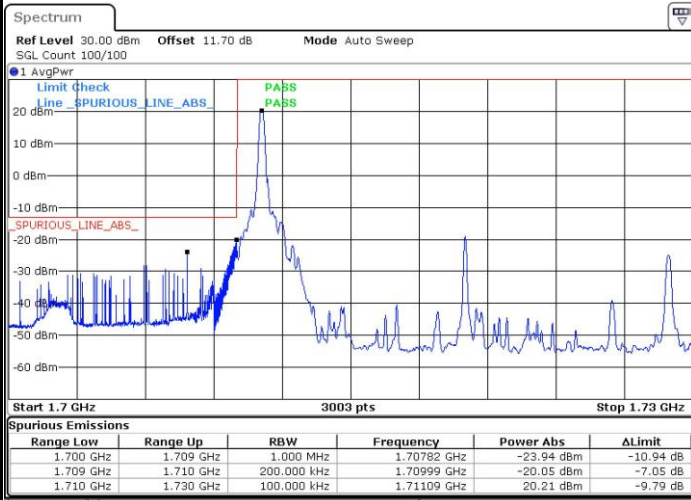
Highest Band Edge / Full RB





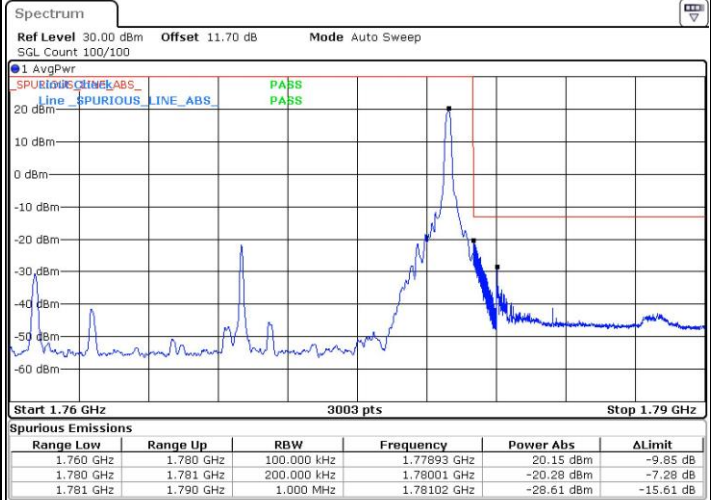
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



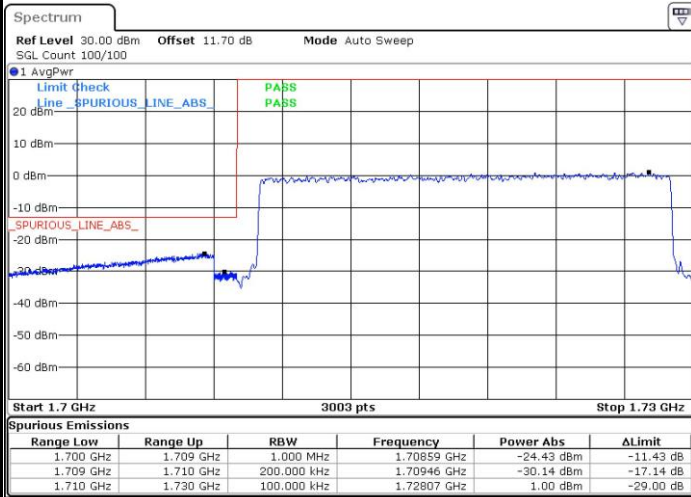
Date: 4.NOV.2016 15:37:44

Highest Band Edge / 1 RB



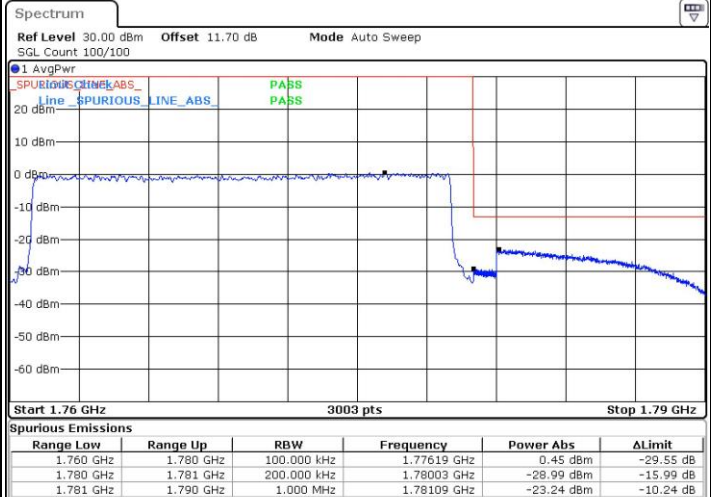
Date: 4.NOV.2016 15:42:22

Lowest Band Edge / Full RB



Date: 4.NOV.2016 15:40:03

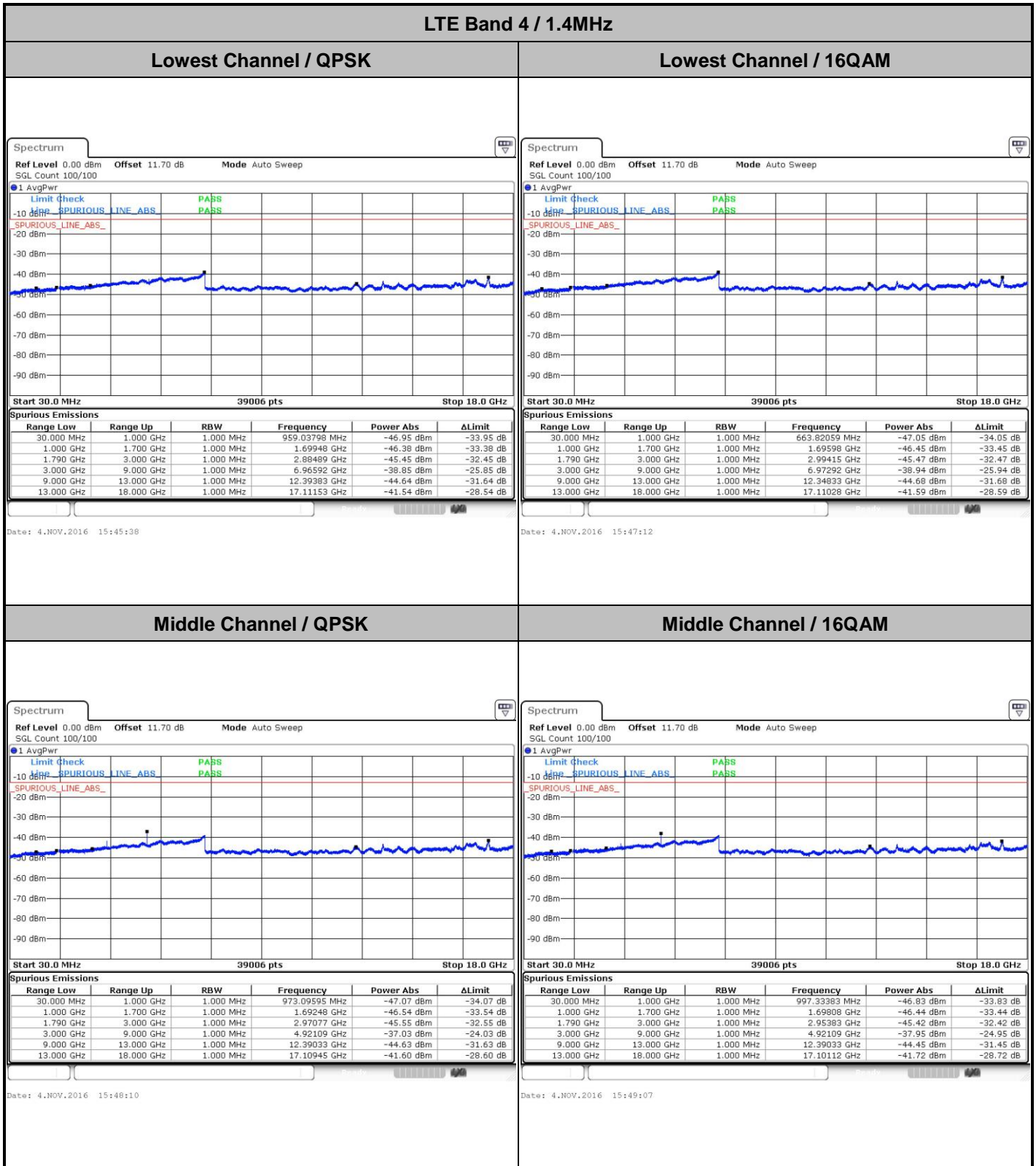
Highest Band Edge / Full RB



Date: 4.NOV.2016 15:44:41



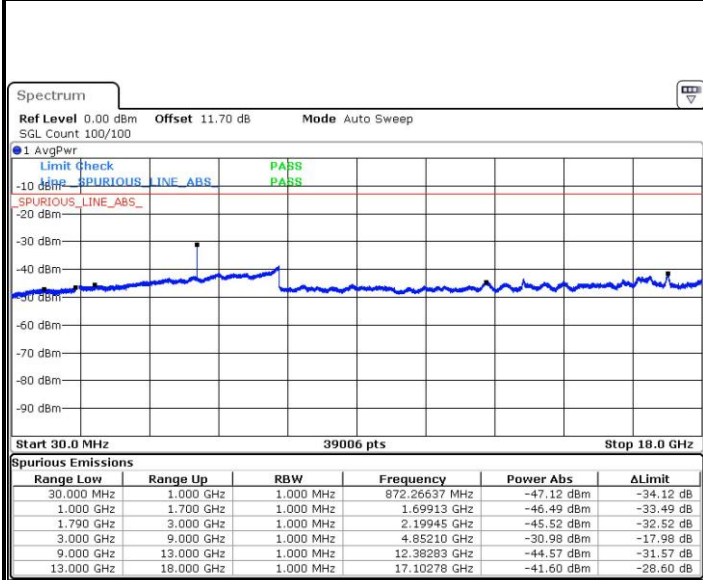
Conducted Spurious Emission





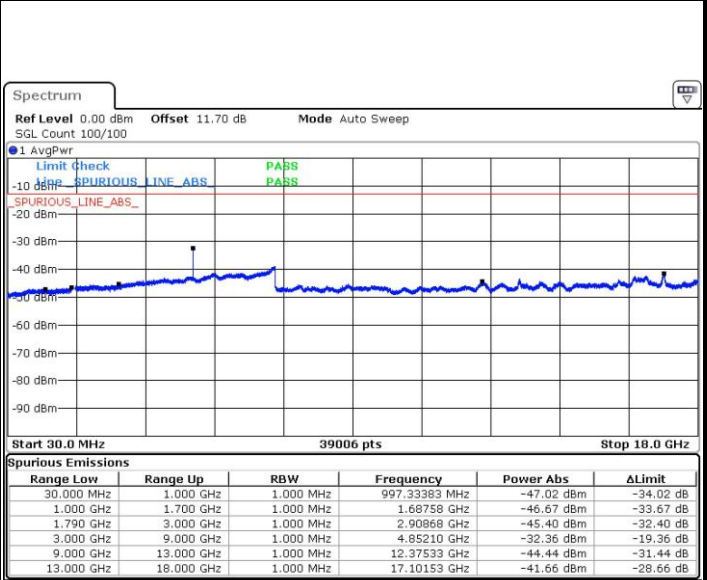
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 4.NOV.2016 15:50:17

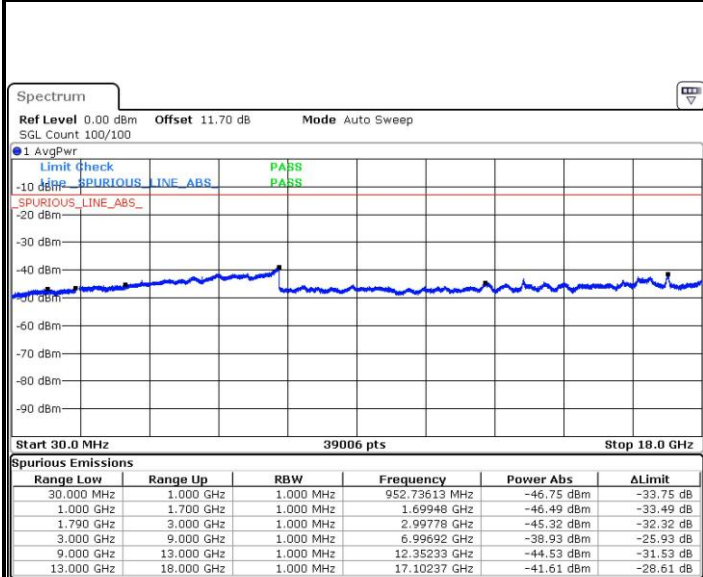
Highest Channel / 16QAM



Date: 4.NOV.2016 15:51:15

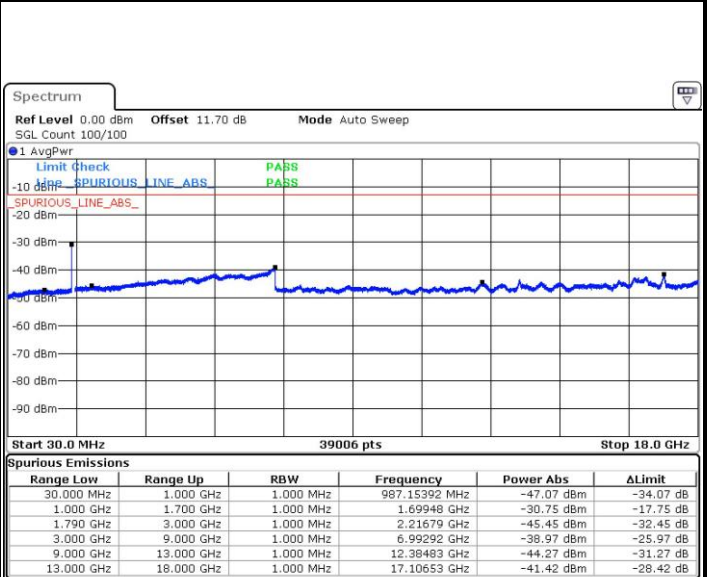
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 4.NOV.2016 15:52:12

Lowest Channel / 16QAM



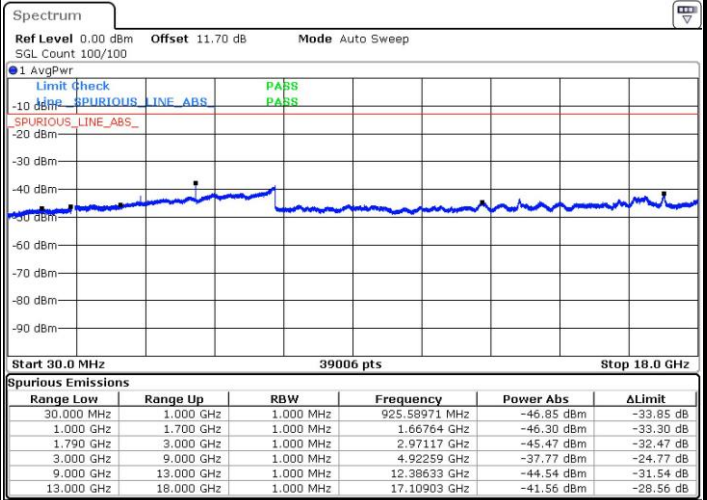
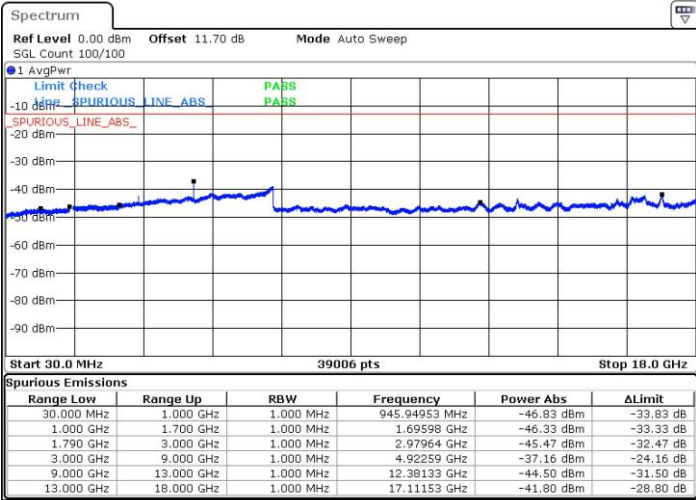
Date: 4.NOV.2016 15:53:09



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

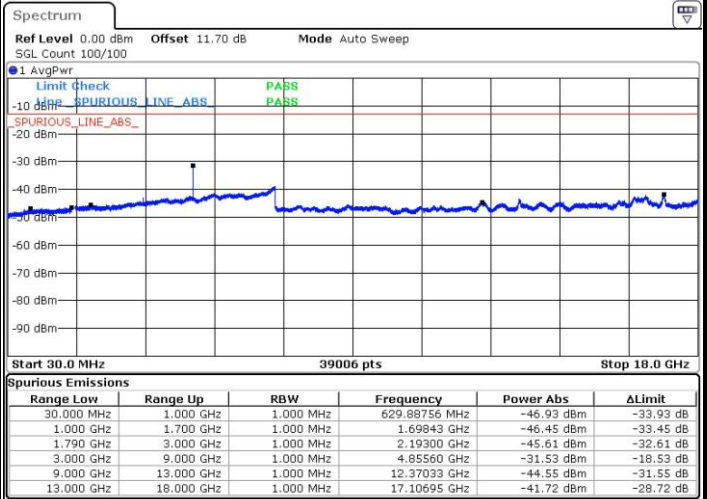
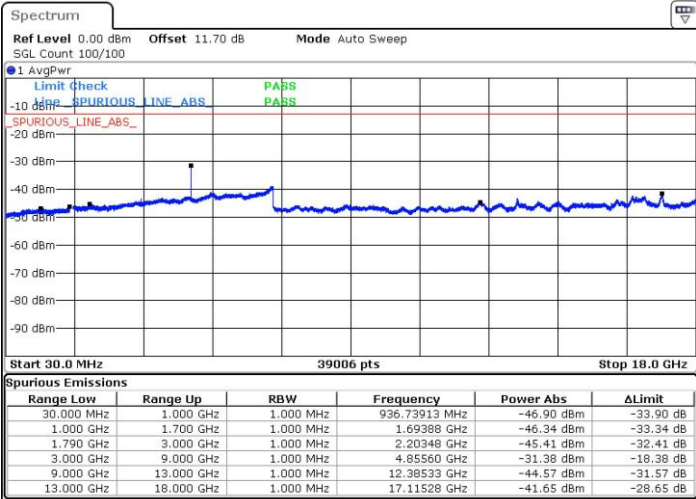


Date: 4.NOV.2016 15:54:06

Date: 4.NOV.2016 15:55:04

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4.NOV.2016 15:56:01

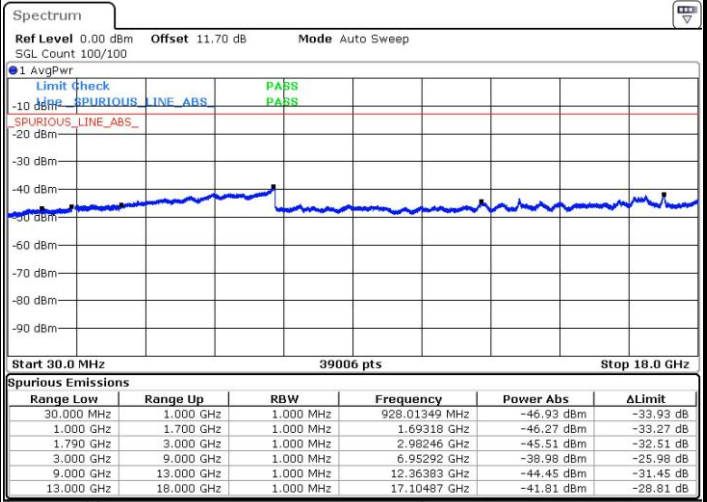
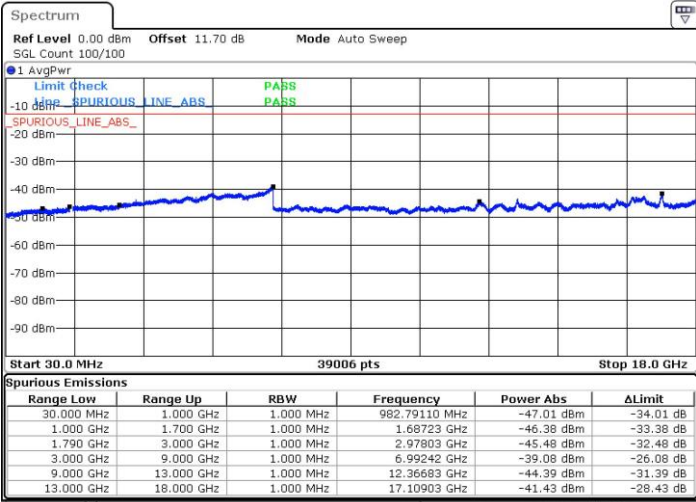
Date: 4.NOV.2016 15:57:53



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

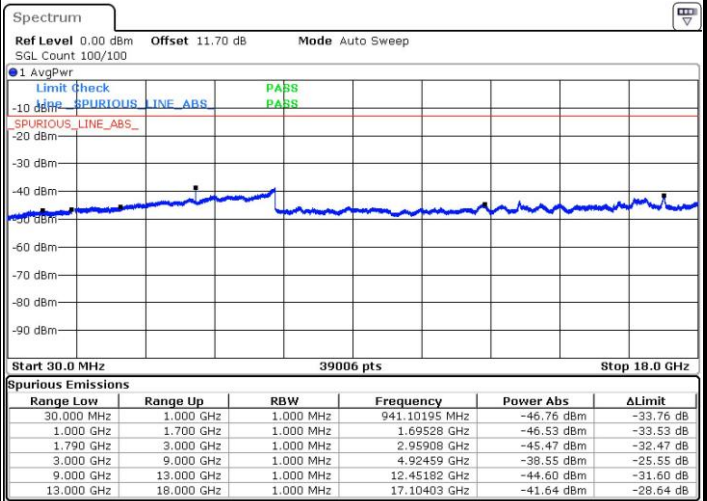
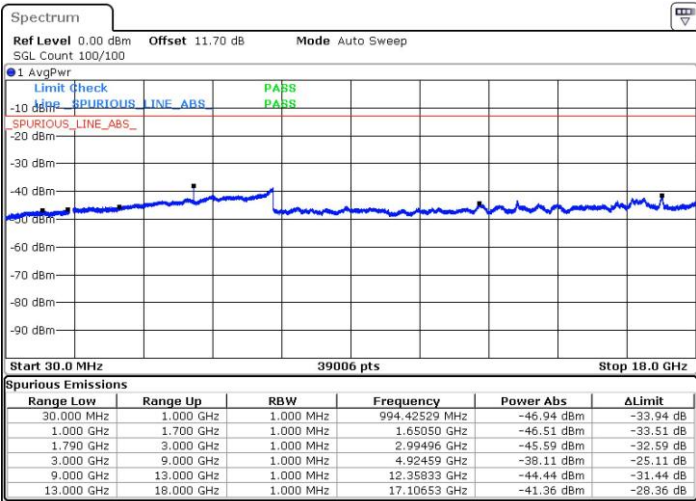


Date: 4.NOV.2016 15:58:50

Date: 4.NOV.2016 15:59:47

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 4.NOV.2016 16:00:44

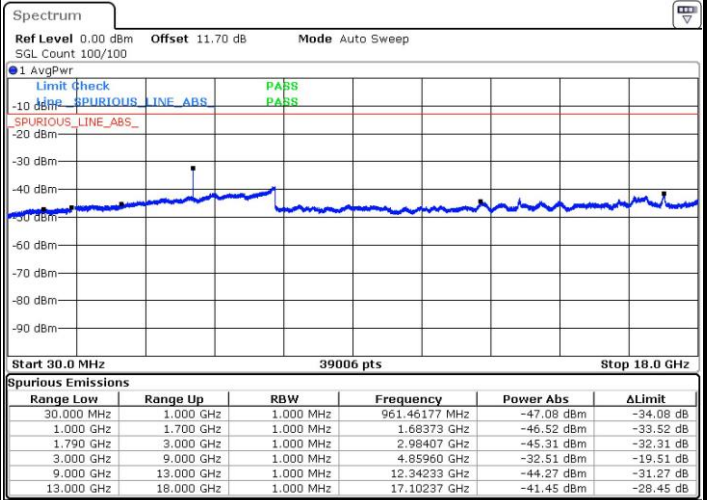
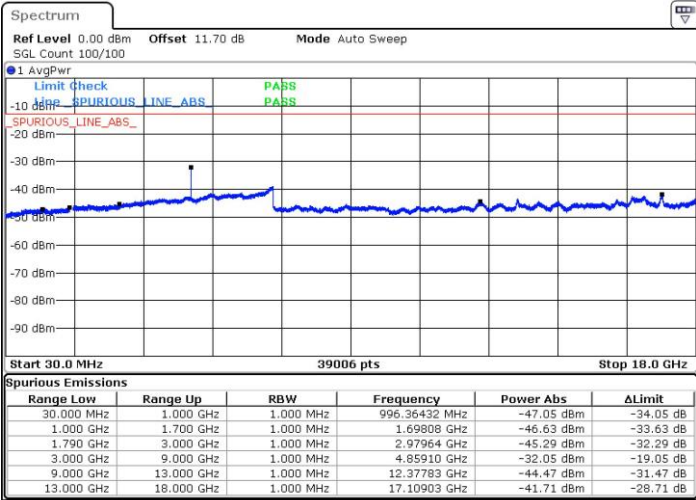
Date: 4.NOV.2016 16:01:42



LTE Band 66 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



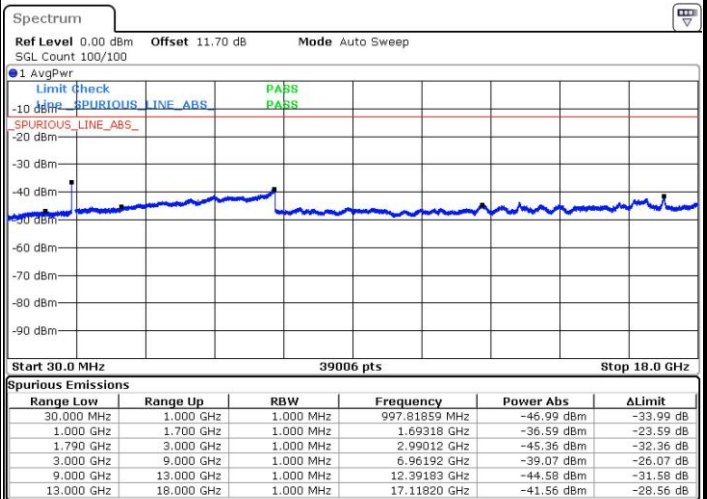
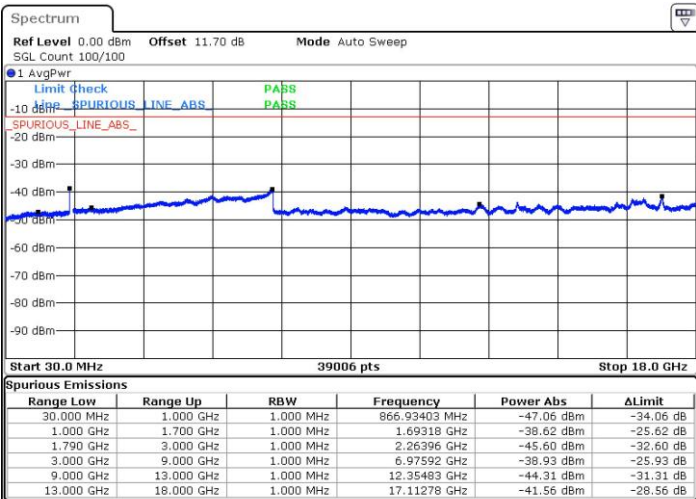
Date: 4.NOV.2016 16:02:39

Date: 4.NOV.2016 16:03:36

LTE Band 66 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 4.NOV.2016 16:04:33

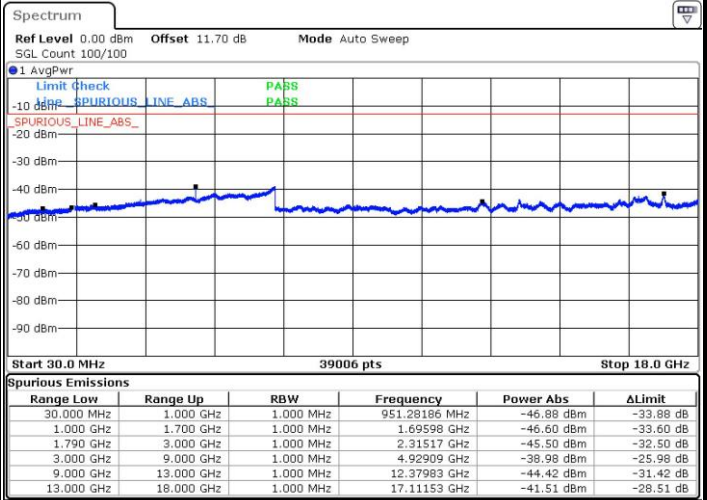
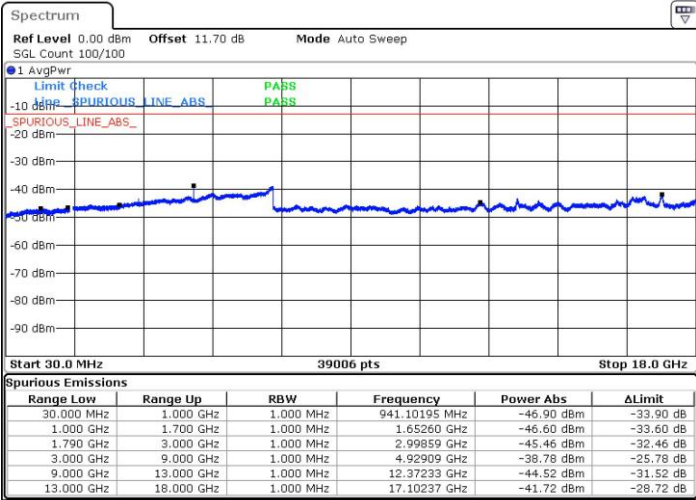
Date: 4.NOV.2016 16:05:30



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

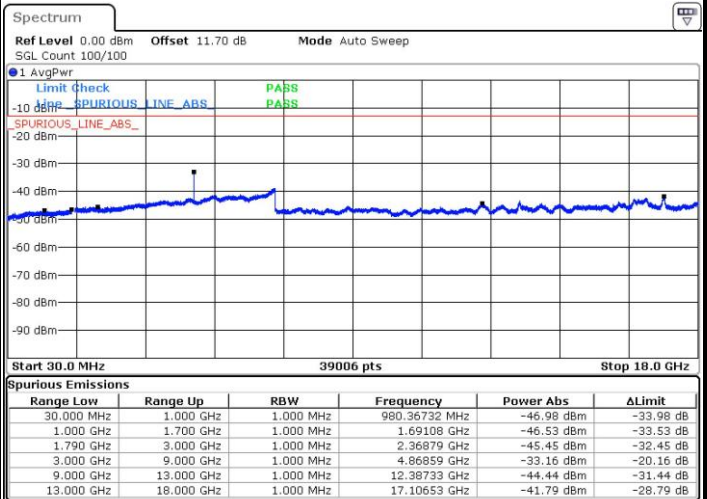
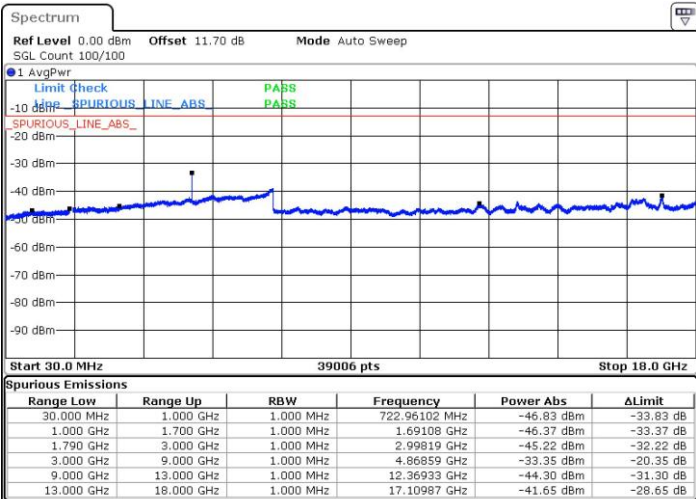


Date: 4.NOV.2016 16:06:27

Date: 4.NOV.2016 16:07:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4.NOV.2016 16:08:22

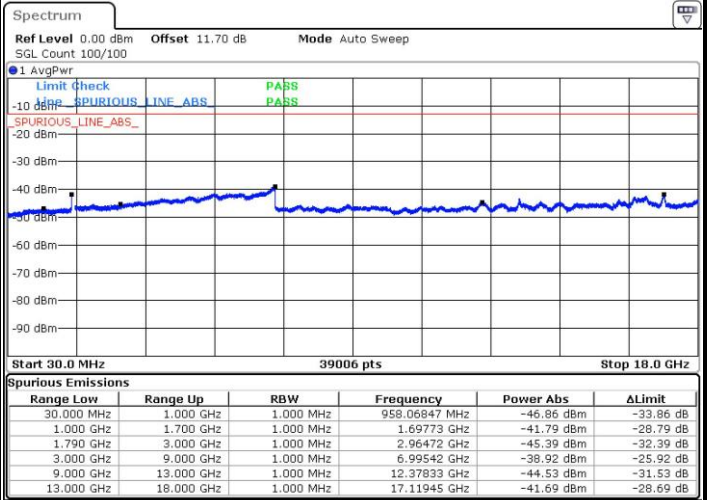
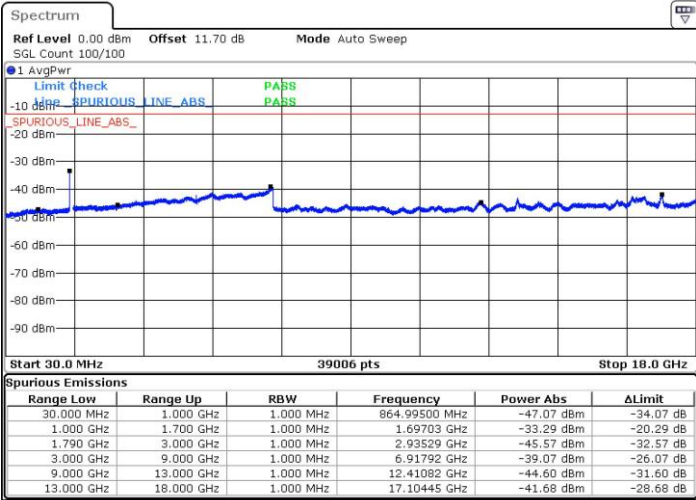
Date: 4.NOV.2016 16:09:19



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

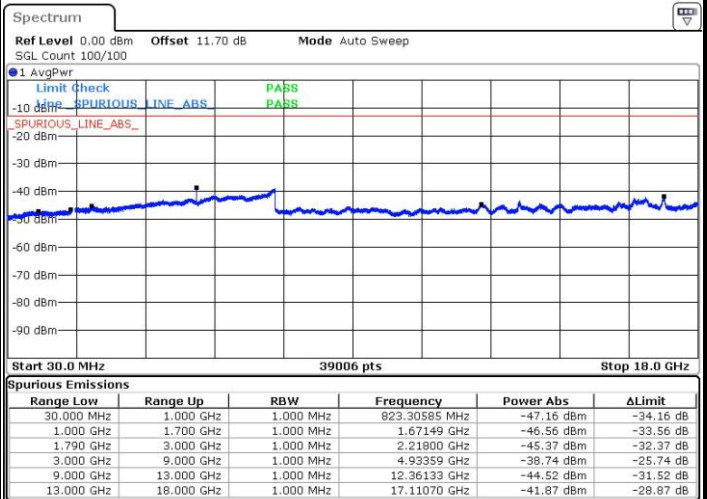
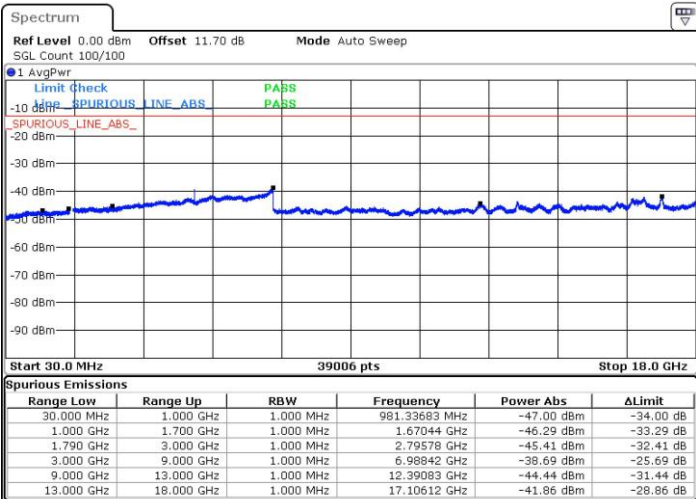


Date: 4.NOV.2016 16:10:16

Date: 4.NOV.2016 16:11:57

Middle Channel / QPSK

Middle Channel / 16QAM



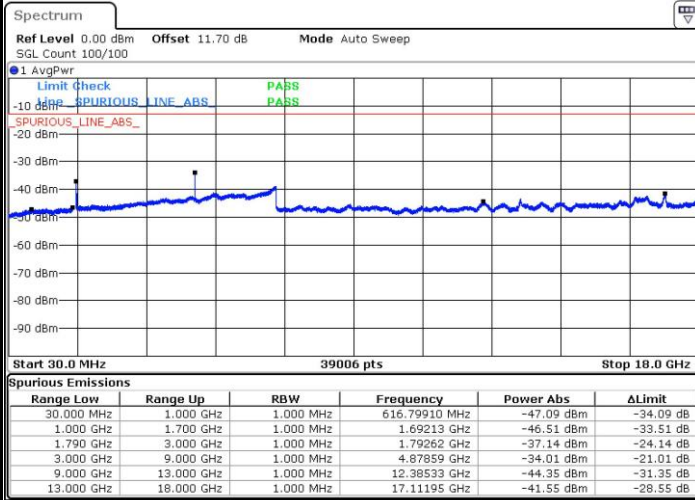
Date: 4.NOV.2016 16:12:53

Date: 4.NOV.2016 16:13:50



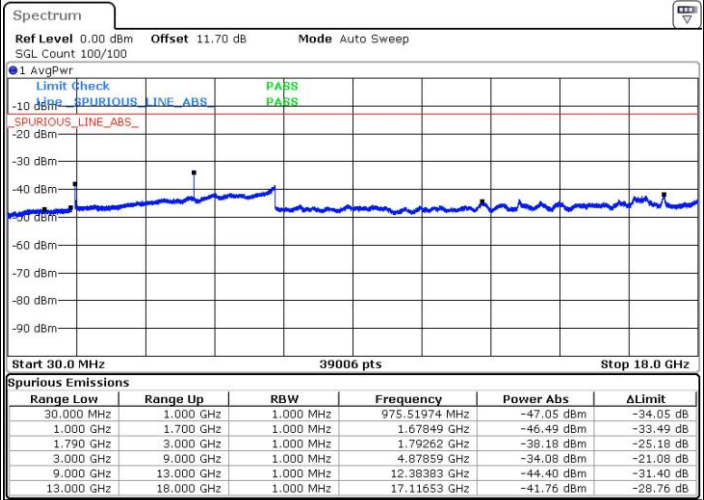
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 4.NOV.2016 16:14:47

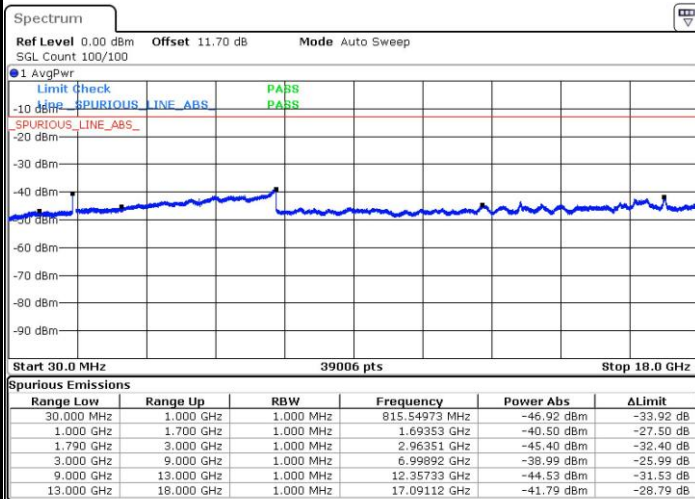
Highest Channel / 16QAM



Date: 4.NOV.2016 16:15:44

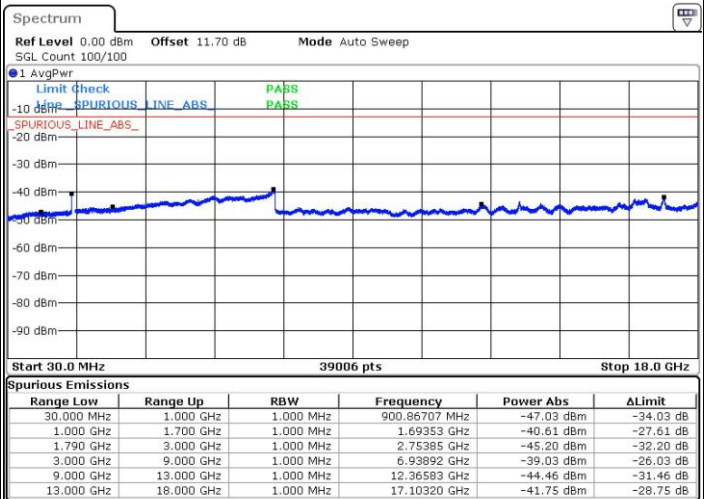
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 4.NOV.2016 16:16:41

Lowest Channel / 16QAM



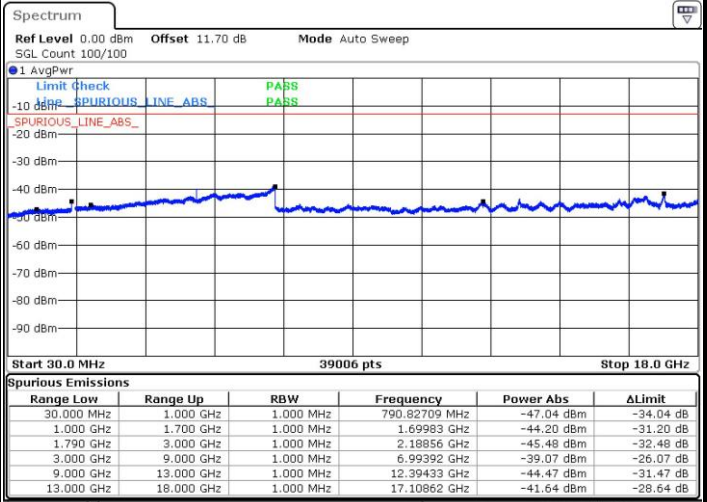
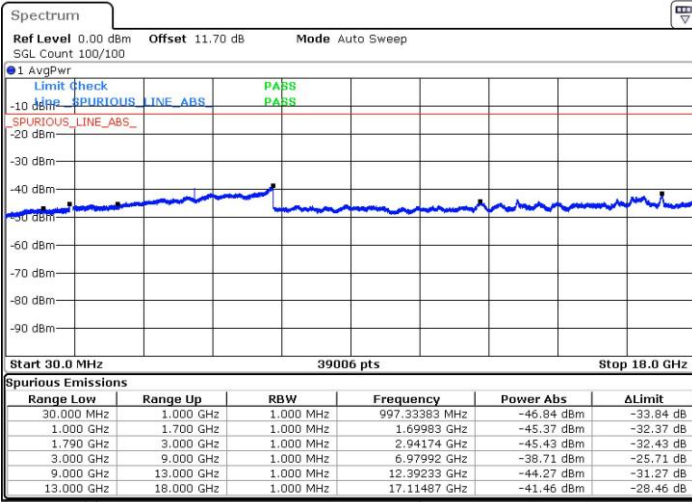
Date: 4.NOV.2016 16:17:38



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

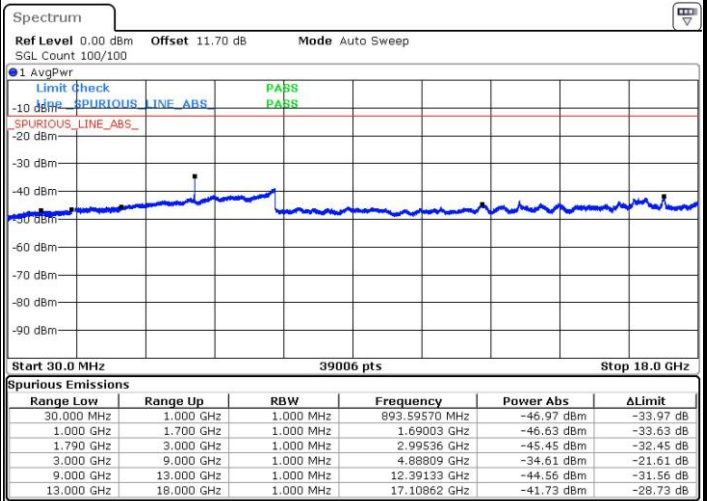
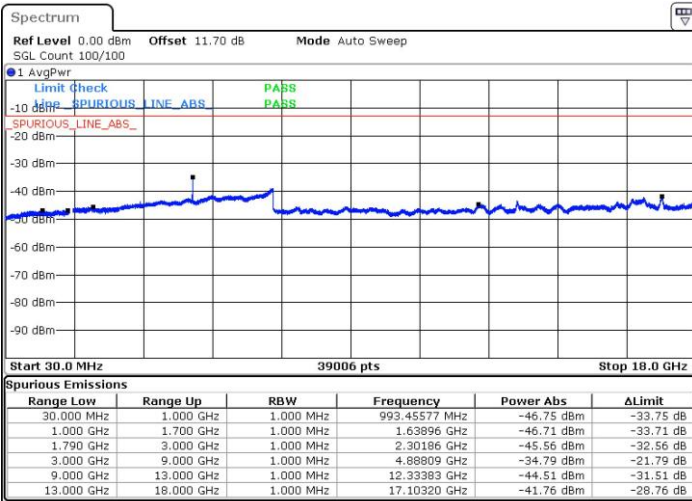


Date: 4.NOV.2016 16:19:13

Date: 4.NOV.2016 16:20:10

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4.NOV.2016 16:21:07

Date: 4.NOV.2016 16:24:43



Frequency Stability

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0001 | PASS |
| 40 | Normal Voltage | 0.0010 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0010 | |
| 0 | Normal Voltage | 0.0002 | |
| -10 | Normal Voltage | 0.0004 | |
| -20 | Normal Voltage | 0.0009 | |
| -30 | Normal Voltage | 0.0032 | |
| 20 | Maximum Voltage | 0.0013 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0002 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

| LTE Band 2 / 1.4MHz (Average) (GT - LC = -1.4 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 3 | 3 | 23.64 | 0.2312 | 22.24 | 0.1675 |
| Middle | | 3 | 3 | 23.63 | 0.2307 | 22.23 | 0.1671 |
| Highest | | 3 | 3 | 23.52 | 0.2249 | 22.12 | 0.1629 |
| Lowest | 16QAM | 1 | 0 | 22.74 | 0.1879 | 21.34 | 0.1361 |
| Middle | | 1 | 0 | 22.79 | 0.1901 | 21.39 | 0.1377 |
| Highest | | 1 | 0 | 22.69 | 0.1858 | 21.29 | 0.1346 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 3MHz (Average) (GT - LC = -1.4 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.69 | 0.2339 | 22.29 | 0.1694 |
| Middle | | 1 | 0 | 23.67 | 0.2328 | 22.27 | 0.1687 |
| Highest | | 1 | 0 | 23.57 | 0.2275 | 22.17 | 0.1648 |
| Lowest | 16QAM | 1 | 0 | 22.84 | 0.1923 | 21.44 | 0.1393 |
| Middle | | 1 | 0 | 22.86 | 0.1932 | 21.46 | 0.1400 |
| Highest | | 1 | 0 | 22.78 | 0.1897 | 21.38 | 0.1374 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 5MHz (Average) (GT - LC = -1.4 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.59 | 0.2286 | 22.19 | 0.1656 |
| Middle | | 1 | 0 | 23.49 | 0.2234 | 22.09 | 0.1618 |
| Highest | | 1 | 0 | 23.37 | 0.2173 | 21.97 | 0.1574 |
| Lowest | 16QAM | 1 | 12 | 22.83 | 0.1919 | 21.43 | 0.1390 |
| Middle | | 1 | 12 | 22.88 | 0.1941 | 21.48 | 0.1406 |
| Highest | | 1 | 12 | 22.79 | 0.1901 | 21.39 | 0.1377 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 2 / 10MHz (Average) (GT - LC = -1.4 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.56 | 0.2270 | 22.16 | 0.1644 |
| Middle | | 1 | 0 | 23.56 | 0.2270 | 22.16 | 0.1644 |
| Highest | | 1 | 0 | 23.61 | 0.2296 | 22.21 | 0.1663 |
| Lowest | 16QAM | 1 | 0 | 22.88 | 0.1941 | 21.48 | 0.1406 |
| Middle | | 1 | 0 | 22.92 | 0.1959 | 21.52 | 0.1419 |
| Highest | | 1 | 0 | 22.83 | 0.1919 | 21.43 | 0.1390 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 15MHz (Average) (GT - LC = -1.4 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.72 | 0.2355 | 22.32 | 0.1706 |
| Middle | | 1 | 0 | 23.61 | 0.2296 | 22.21 | 0.1663 |
| Highest | | 1 | 0 | 23.65 | 0.2317 | 22.25 | 0.1679 |
| Lowest | 16QAM | 1 | 0 | 22.99 | 0.1991 | 21.59 | 0.1442 |
| Middle | | 1 | 0 | 22.96 | 0.1977 | 21.56 | 0.1432 |
| Highest | | 1 | 0 | 23.00 | 0.1995 | 21.60 | 0.1445 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 20MHz (Average) (GT - LC = -1.4 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.91 | 0.2460 | 22.51 | 0.1782 |
| Middle | | 1 | 0 | 23.87 | 0.2438 | 22.47 | 0.1766 |
| Highest | | 1 | 0 | 23.58 | 0.2280 | 22.18 | 0.1652 |
| Lowest | 16QAM | 1 | 0 | 23.00 | 0.1995 | 21.60 | 0.1445 |
| Middle | | 1 | 0 | 22.96 | 0.1977 | 21.56 | 0.1432 |
| Highest | | 1 | 0 | 22.96 | 0.1977 | 21.56 | 0.1432 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 4 / 1.4MHz (Average) (GT - LC = -3.3 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 3 | 3 | 23.86 | 0.2432 | 20.56 | 0.1138 |
| Middle | | 3 | 3 | 23.75 | 0.2371 | 20.45 | 0.1109 |
| Highest | | 3 | 3 | 23.23 | 0.2104 | 19.93 | 0.0984 |
| Lowest | 16QAM | 1 | 5 | 22.97 | 0.1982 | 19.67 | 0.0927 |
| Middle | | 1 | 5 | 22.83 | 0.1919 | 19.53 | 0.0897 |
| Highest | | 1 | 5 | 22.29 | 0.1694 | 18.99 | 0.0793 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 3MHz (Average) (GT - LC = -3.3 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 14 | 23.94 | 0.2477 | 20.64 | 0.1159 |
| Middle | | 1 | 14 | 23.77 | 0.2382 | 20.47 | 0.1114 |
| Highest | | 1 | 14 | 23.22 | 0.2099 | 19.92 | 0.0982 |
| Lowest | 16QAM | 1 | 14 | 22.98 | 0.1986 | 19.68 | 0.0929 |
| Middle | | 1 | 14 | 22.91 | 0.1954 | 19.61 | 0.0914 |
| Highest | | 1 | 14 | 22.40 | 0.1738 | 19.10 | 0.0813 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 5MHz (Average) (GT - LC = -3.3 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 12 | 23.69 | 0.2339 | 20.39 | 0.1094 |
| Middle | | 1 | 12 | 23.77 | 0.2382 | 20.47 | 0.1114 |
| Highest | | 1 | 12 | 23.60 | 0.2291 | 20.30 | 0.1072 |
| Lowest | 16QAM | 1 | 0 | 22.95 | 0.1972 | 19.65 | 0.0923 |
| Middle | | 1 | 0 | 22.90 | 0.1950 | 19.60 | 0.0912 |
| Highest | | 1 | 0 | 22.87 | 0.1936 | 19.57 | 0.0906 |
| Limit | EIRP < 1W | | | Result | | PASS | |



| LTE Band 4 / 10MHz (Average) (GT - LC = -3.3 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.57 | 0.2275 | 20.27 | 0.1064 |
| Middle | | 1 | 0 | 23.85 | 0.2427 | 20.55 | 0.1135 |
| Highest | | 1 | 0 | 23.81 | 0.2404 | 20.51 | 0.1125 |
| Lowest | 16QAM | 1 | 0 | 22.96 | 0.1977 | 19.66 | 0.0925 |
| Middle | | 1 | 0 | 22.98 | 0.1986 | 19.68 | 0.0929 |
| Highest | | 1 | 0 | 22.99 | 0.1991 | 19.69 | 0.0931 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 15MHz (Average) (GT - LC = -3.3 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.51 | 0.2244 | 20.21 | 0.1050 |
| Middle | | 1 | 0 | 23.91 | 0.2460 | 20.61 | 0.1151 |
| Highest | | 1 | 0 | 23.61 | 0.2296 | 20.31 | 0.1074 |
| Lowest | 16QAM | 1 | 74 | 22.97 | 0.1982 | 19.67 | 0.0927 |
| Middle | | 1 | 74 | 22.96 | 0.1977 | 19.66 | 0.0925 |
| Highest | | 1 | 74 | 22.55 | 0.1799 | 19.25 | 0.0841 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 20MHz (Average) (GT - LC = -3.3 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.84 | 0.2421 | 20.54 | 0.1132 |
| Middle | | 1 | 0 | 23.99 | 0.2506 | 20.69 | 0.1172 |
| Highest | | 1 | 0 | 23.98 | 0.2500 | 20.68 | 0.1169 |
| Lowest | 16QAM | 1 | 0 | 22.99 | 0.1991 | 19.69 | 0.0931 |
| Middle | | 1 | 0 | 22.96 | 0.1977 | 19.66 | 0.0925 |
| Highest | | 1 | 0 | 22.99 | 0.1991 | 19.69 | 0.0931 |
| Limit | EIRP < 1W | | | Result | | PASS | |



| LTE Band 5 / 1.4MHz (Average) (GT - LC = -4.2 dB) | | | | | | | |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 3 | 1 | 23.76 | 0.2377 | 17.41 | 0.0551 |
| Middle | | 3 | 1 | 23.71 | 0.2350 | 17.36 | 0.0545 |
| Highest | | 3 | 1 | 23.90 | 0.2455 | 17.55 | 0.0569 |
| Lowest | 16QAM | 1 | 0 | 22.92 | 0.1959 | 16.57 | 0.0454 |
| Middle | | 1 | 0 | 22.94 | 0.1968 | 16.59 | 0.0456 |
| Highest | | 1 | 0 | 22.88 | 0.1941 | 16.53 | 0.0450 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 5 / 3MHz (Average) (GT - LC = -4.2 dB) | | | | | | | |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 23.81 | 0.2404 | 17.46 | 0.0557 |
| Middle | | 1 | 0 | 23.82 | 0.2410 | 17.47 | 0.0558 |
| Highest | | 1 | 0 | 23.92 | 0.2466 | 17.57 | 0.0571 |
| Lowest | 16QAM | 1 | 0 | 23.00 | 0.1995 | 16.65 | 0.0462 |
| Middle | | 1 | 0 | 23.00 | 0.1995 | 16.65 | 0.0462 |
| Highest | | 1 | 0 | 22.95 | 0.1972 | 16.60 | 0.0457 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 5 / 5MHz (Average) (GT - LC = -4.2 dB) | | | | | | | |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 12 | 23.80 | 0.2399 | 17.45 | 0.0556 |
| Middle | | 1 | 12 | 23.78 | 0.2388 | 17.43 | 0.0553 |
| Highest | | 1 | 12 | 23.92 | 0.2466 | 17.57 | 0.0571 |
| Lowest | 16QAM | 1 | 0 | 22.97 | 0.1982 | 16.62 | 0.0459 |
| Middle | | 1 | 0 | 22.99 | 0.1991 | 16.64 | 0.0461 |
| Highest | | 1 | 0 | 22.96 | 0.1977 | 16.61 | 0.0458 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 5 / 10MHz (Average) (GT - LC = -4.2 dB) | | | | | | | |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 23.82 | 0.2410 | 17.47 | 0.0558 |
| Middle | | 1 | 0 | 23.93 | 0.2472 | 17.58 | 0.0573 |
| Highest | | 1 | 0 | 23.79 | 0.2393 | 17.44 | 0.0555 |
| Lowest | 16QAM | 1 | 0 | 22.99 | 0.1991 | 16.64 | 0.0461 |
| Middle | | 1 | 0 | 23.00 | 0.1995 | 16.65 | 0.0462 |
| Highest | | 1 | 0 | 22.95 | 0.1972 | 16.60 | 0.0457 |
| Limit | ERP < 7W | | | Result | | PASS | |



| LTE Band 7 / 5MHz (Average) (GT - LC = 0.1 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 12 | 21.52 | 0.1419 | 21.62 | 0.1452 |
| Middle | | 1 | 12 | 21.56 | 0.1432 | 21.66 | 0.1466 |
| Highest | | 1 | 12 | 21.39 | 0.1377 | 21.49 | 0.1409 |
| Lowest | 16QAM | 1 | 12 | 20.83 | 0.1211 | 20.93 | 0.1239 |
| Middle | | 1 | 12 | 20.88 | 0.1225 | 20.98 | 0.1253 |
| Highest | | 1 | 12 | 20.72 | 0.1180 | 20.82 | 0.1208 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 7 / 10MHz (Average) (GT - LC = 0.1 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 49 | 21.42 | 0.1387 | 21.52 | 0.1419 |
| Middle | | 1 | 49 | 21.61 | 0.1449 | 21.71 | 0.1483 |
| Highest | | 1 | 49 | 21.48 | 0.1406 | 21.58 | 0.1439 |
| Lowest | 16QAM | 1 | 49 | 20.87 | 0.1222 | 20.97 | 0.1250 |
| Middle | | 1 | 49 | 20.94 | 0.1242 | 21.04 | 0.1271 |
| Highest | | 1 | 49 | 20.82 | 0.1208 | 20.92 | 0.1236 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 7 / 15MHz (Average) (GT - LC = 0.1 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 74 | 21.40 | 0.1380 | 21.50 | 0.1413 |
| Middle | | 1 | 74 | 21.65 | 0.1462 | 21.75 | 0.1496 |
| Highest | | 1 | 74 | 21.55 | 0.1429 | 21.65 | 0.1462 |
| Lowest | 16QAM | 1 | 74 | 20.94 | 0.1242 | 21.04 | 0.1271 |
| Middle | | 1 | 74 | 20.99 | 0.1256 | 21.09 | 0.1285 |
| Highest | | 1 | 74 | 20.89 | 0.1227 | 20.99 | 0.1256 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 7 / 20MHz (Average) (GT - LC = 0.1 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 21.74 | 0.1493 | 21.84 | 0.1528 |
| Middle | | 1 | 0 | 21.65 | 0.1462 | 21.75 | 0.1496 |
| Highest | | 1 | 0 | 21.71 | 0.1483 | 21.81 | 0.1517 |
| Lowest | 16QAM | 1 | 0 | 20.99 | 0.1256 | 21.09 | 0.1285 |
| Middle | | 1 | 0 | 20.98 | 0.1253 | 21.08 | 0.1282 |
| Highest | | 1 | 0 | 21.00 | 0.1259 | 21.10 | 0.1288 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 12 / 1.4MHz (Average) (GT - LC = -7.3 dB) | | | | | | | |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 3 | 1 | 24.50 | 0.2818 | 15.05 | 0.0320 |
| Middle | | 3 | 1 | 24.41 | 0.2761 | 14.96 | 0.0313 |
| Highest | | 3 | 1 | 23.99 | 0.2506 | 14.54 | 0.0284 |
| Lowest | 16QAM | 1 | 3 | 23.49 | 0.2234 | 14.04 | 0.0254 |
| Middle | | 1 | 3 | 23.40 | 0.2188 | 13.95 | 0.0248 |
| Highest | | 1 | 3 | 23.05 | 0.2018 | 13.60 | 0.0229 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 12 / 3MHz (Average) (GT - LC = -7.3 dB) | | | | | | | |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 14 | 24.43 | 0.2773 | 14.98 | 0.0315 |
| Middle | | 1 | 14 | 24.46 | 0.2793 | 15.01 | 0.0317 |
| Highest | | 1 | 14 | 24.00 | 0.2512 | 14.55 | 0.0285 |
| Lowest | 16QAM | 1 | 8 | 23.41 | 0.2193 | 13.96 | 0.0249 |
| Middle | | 1 | 8 | 23.46 | 0.2218 | 14.01 | 0.0252 |
| Highest | | 1 | 8 | 23.18 | 0.2080 | 13.73 | 0.0236 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 12 / 5MHz (Average) (GT - LC = -7.3 dB) | | | | | | | |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 24.46 | 0.2793 | 15.01 | 0.0317 |
| Middle | | 1 | 0 | 24.38 | 0.2742 | 14.93 | 0.0311 |
| Highest | | 1 | 0 | 24.13 | 0.2588 | 14.68 | 0.0294 |
| Lowest | 16QAM | 1 | 0 | 22.46 | 0.1762 | 13.01 | 0.0200 |
| Middle | | 1 | 0 | 23.49 | 0.2234 | 14.04 | 0.0254 |
| Highest | | 1 | 0 | 23.32 | 0.2148 | 13.87 | 0.0244 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 12 / 10MHz (Average) (GT - LC = -7.3 dB) | | | | | | | |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 24.48 | 0.2805 | 15.03 | 0.0318 |
| Middle | | 1 | 0 | 24.49 | 0.2812 | 15.04 | 0.0319 |
| Highest | | 1 | 0 | 24.42 | 0.2767 | 14.97 | 0.0314 |
| Lowest | 16QAM | 1 | 0 | 23.44 | 0.2208 | 13.99 | 0.0251 |
| Middle | | 1 | 0 | 23.49 | 0.2234 | 14.04 | 0.0254 |
| Highest | | 1 | 0 | 23.41 | 0.2193 | 13.96 | 0.0249 |
| Limit | ERP < 3W | | | Result | | PASS | |



| LTE Band 13 / 5MHz (Average) (GT - LC = -3 dB) | | | | | | | |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 12 | 24.35 | 0.2723 | 19.20 | 0.0832 |
| Middle | | 1 | 12 | 24.33 | 0.2710 | 19.18 | 0.0828 |
| Highest | | 1 | 12 | 24.21 | 0.2636 | 19.06 | 0.0805 |
| Lowest | 16QAM | 1 | 24 | 23.50 | 0.2239 | 18.35 | 0.0684 |
| Middle | | 1 | 24 | 23.45 | 0.2213 | 18.30 | 0.0676 |
| Highest | | 1 | 24 | 23.37 | 0.2173 | 18.22 | 0.0664 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 13 / 10MHz (Average) (GT - LC = -3 dB) | | | | | | | |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | - | - | - | - | - | - |
| Middle | | 1 | 0 | 24.40 | 0.2754 | 19.25 | 0.0841 |
| Highest | | - | - | - | - | - | - |
| Lowest | 16QAM | - | - | - | - | - | - |
| Middle | | 1 | 25 | 23.49 | 0.2234 | 18.34 | 0.0682 |
| Highest | | - | - | - | - | - | - |
| Limit | ERP < 3W | | | Result | | PASS | |



| LTE Band 17 / 5MHz (Average) (GT - LC = -7.1 dB) | | | | | | | |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 12 | 24.40 | 0.2754 | 15.15 | 0.0327 |
| Middle | | 1 | 12 | 24.35 | 0.2723 | 15.10 | 0.0324 |
| Highest | | 1 | 12 | 24.13 | 0.2588 | 14.88 | 0.0308 |
| Lowest | 16QAM | 1 | 12 | 23.44 | 0.2208 | 14.19 | 0.0262 |
| Middle | | 1 | 12 | 23.50 | 0.2239 | 14.25 | 0.0266 |
| Highest | | 1 | 12 | 23.33 | 0.2153 | 14.08 | 0.0256 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 17 / 10MHz (Average) (GT - LC = -7.1 dB) | | | | | | | |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 24.40 | 0.2754 | 15.15 | 0.0327 |
| Middle | | 1 | 0 | 24.41 | 0.2761 | 15.16 | 0.0328 |
| Highest | | 1 | 0 | 24.39 | 0.2748 | 15.14 | 0.0327 |
| Lowest | 16QAM | 1 | 0 | 23.44 | 0.2208 | 14.19 | 0.0262 |
| Middle | | 1 | 0 | 23.49 | 0.2234 | 14.24 | 0.0265 |
| Highest | | 1 | 0 | 23.49 | 0.2234 | 14.24 | 0.0265 |
| Limit | ERP < 3W | | | Result | | PASS | |



| LTE Band 66 / 1.4MHz (Average) (GT - LC = -2.8 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 3 | 3 | 23.11 | 0.2046 | 20.31 | 0.1074 |
| Middle | | 3 | 3 | 23.15 | 0.2065 | 20.35 | 0.1084 |
| Highest | | 3 | 3 | 22.29 | 0.1694 | 19.49 | 0.0889 |
| Lowest | 16QAM | 1 | 0 | 22.16 | 0.1644 | 19.36 | 0.0863 |
| Middle | | 1 | 0 | 22.26 | 0.1683 | 19.46 | 0.0883 |
| Highest | | 1 | 0 | 21.64 | 0.1459 | 18.84 | 0.0766 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 66 / 3MHz (Average) (GT - LC = -2.8 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.08 | 0.2032 | 20.28 | 0.1067 |
| Middle | | 1 | 0 | 23.16 | 0.2070 | 20.36 | 0.1086 |
| Highest | | 1 | 0 | 22.91 | 0.1954 | 20.11 | 0.1026 |
| Lowest | 16QAM | 1 | 0 | 22.30 | 0.1698 | 19.50 | 0.0891 |
| Middle | | 1 | 0 | 22.34 | 0.1714 | 19.54 | 0.0899 |
| Highest | | 1 | 0 | 22.11 | 0.1626 | 19.31 | 0.0853 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 66 / 5MHz (Average) (GT - LC = -2.8 dB) | | | | | | | |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 12 | 23.19 | 0.2084 | 20.39 | 0.1094 |
| Middle | | 1 | 12 | 23.20 | 0.2089 | 20.40 | 0.1096 |
| Highest | | 1 | 12 | 22.93 | 0.1963 | 20.13 | 0.1030 |
| Lowest | 16QAM | 1 | 12 | 22.43 | 0.1750 | 19.63 | 0.0918 |
| Middle | | 1 | 12 | 22.42 | 0.1746 | 19.62 | 0.0916 |
| Highest | | 1 | 12 | 22.10 | 0.1622 | 19.30 | 0.0851 |
| Limit | EIRP < 1W | | | Result | | PASS | |



| LTE Band 66 / 10MHz (Average) (GT - LC = -2.8 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.20 | 0.2089 | 20.40 | 0.1096 |
| Middle | | 1 | 0 | 23.25 | 0.2113 | 20.45 | 0.1109 |
| Highest | | 1 | 0 | 23.07 | 0.2028 | 20.27 | 0.1064 |
| Lowest | 16QAM | 1 | 0 | 22.40 | 0.1738 | 19.60 | 0.0912 |
| Middle | | 1 | 0 | 22.47 | 0.1766 | 19.67 | 0.0927 |
| Highest | | 1 | 0 | 22.30 | 0.1698 | 19.50 | 0.0891 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 66 / 15MHz (Average) (GT - LC = -2.8 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.32 | 0.2148 | 20.52 | 0.1127 |
| Middle | | 1 | 0 | 23.37 | 0.2173 | 20.57 | 0.1140 |
| Highest | | 1 | 0 | 23.19 | 0.2084 | 20.39 | 0.1094 |
| Lowest | 16QAM | 1 | 0 | 22.43 | 0.1750 | 19.63 | 0.0918 |
| Middle | | 1 | 0 | 22.47 | 0.1766 | 19.67 | 0.0927 |
| Highest | | 1 | 0 | 22.39 | 0.1734 | 19.59 | 0.0910 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 66 / 20MHz (Average) (GT - LC = -2.8 dB) | | | | | | | |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel | Mode | RB | | Conducted | | EIRP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.46 | 0.2218 | 20.66 | 0.1164 |
| Middle | | 1 | 0 | 23.47 | 0.2223 | 20.67 | 0.1167 |
| Highest | | 1 | 0 | 23.36 | 0.2168 | 20.56 | 0.1138 |
| Lowest | 16QAM | 1 | 0 | 22.45 | 0.1758 | 19.65 | 0.0923 |
| Middle | | 1 | 0 | 22.44 | 0.1754 | 19.64 | 0.0920 |
| Highest | | 1 | 0 | 22.49 | 0.1774 | 19.69 | 0.0931 |
| Limit | EIRP < 1W | | | Result | | PASS | |



Radiated Spurious Emission

LTE Band 2

| LTE Band 2 / 1.4MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3702 | -45.55 | -13 | -32.55 | -61.61 | -57.34 | 0.72 | 12.52 | H |
| | 5550 | -30.85 | -13 | -17.85 | -50.09 | -43.02 | 1.00 | 13.17 | H |
| | 7404 | -34.01 | -13 | -21.01 | -55.76 | -43.4 | 1.18 | 10.57 | H |
| | 9252 | -36.86 | -13 | -23.86 | -64.04 | -47.37 | 1.39 | 11.89 | H |
| | | | | | | | | | H |
| | 3702 | -46.83 | -13 | -33.83 | -63.05 | -58.62 | 0.72 | 12.52 | V |
| | 5550 | -40.41 | -13 | -27.41 | -60.06 | -52.58 | 1.00 | 13.17 | V |
| | 7404 | -45.83 | -13 | -32.83 | -67.7 | -55.22 | 1.18 | 10.57 | V |
| | 9252 | -39.64 | -13 | -26.64 | -66.47 | -50.15 | 1.39 | 11.89 | V |
| | | | | | | | | | V |
| Middle | 3762 | -44.82 | -13 | -31.82 | -60.9 | -56.63 | 0.69 | 12.50 | H |
| | 5640 | -32.25 | -13 | -19.25 | -51.47 | -44.38 | 0.98 | 13.12 | H |
| | 7518 | -32.48 | -13 | -19.48 | -55.39 | -41.75 | 1.18 | 10.45 | H |
| | 9399 | -40.19 | -13 | -27.19 | -67.12 | -50.22 | 1.45 | 11.48 | H |
| | | | | | | | | | H |
| | 3762 | -41.41 | -13 | -28.41 | -57.76 | -53.22 | 0.69 | 12.50 | V |
| | 5640 | -34.70 | -13 | -21.70 | -54.24 | -46.83 | 0.98 | 13.12 | V |
| | 7518 | -41.52 | -13 | -28.52 | -64.48 | -50.79 | 1.18 | 10.45 | V |
| | 9399 | -40.37 | -13 | -27.37 | -66.59 | -50.4 | 1.45 | 11.48 | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3816 | -44.33 | -13 | -31.33 | -60.43 | -56.12 | 0.69 | 12.47 | H |
| | 5724 | -39.93 | -13 | -26.93 | -59.31 | -52 | 0.99 | 13.07 | H |
| | 7638 | -30.29 | -13 | -17.29 | -53.1 | -39.89 | 1.18 | 10.79 | H |
| | 9546 | -41.55 | -13 | -28.55 | -68.05 | -51.17 | 1.67 | 11.28 | H |
| | | | | | | | | | H |
| | 3816 | -48.94 | -13 | -35.94 | -65.41 | -60.73 | 0.69 | 12.47 | V |
| | 5724 | -39.51 | -13 | -26.51 | -59.05 | -51.58 | 0.99 | 13.07 | V |
| | 7638 | -39.88 | -13 | -26.88 | -62.67 | -49.48 | 1.18 | 10.79 | V |
| | 9546 | -40.85 | -13 | -27.85 | -66.85 | -50.47 | 1.67 | 11.28 | V |
| | | | | | | | | | V |

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



| LTE Band 2 / 3MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3702 | -44.61 | -13 | -31.61 | -60.68 | -56.4 | 0.72 | 12.52 | H |
| | 5550 | -31.71 | -13 | -18.71 | -50.95 | -43.88 | 1.00 | 13.17 | H |
| | 7398 | -34.17 | -13 | -21.17 | -55.92 | -43.57 | 1.18 | 10.58 | H |
| | 9252 | -36.47 | -13 | -23.47 | -63.65 | -46.98 | 1.39 | 11.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -46.25 | -13 | -33.25 | -62.47 | -58.04 | 0.72 | 12.52 | V |
| | 5550 | -39.60 | -13 | -26.60 | -59.25 | -51.77 | 1.00 | 13.17 | V |
| | 7398 | -44.89 | -13 | -31.89 | -66.76 | -54.29 | 1.18 | 10.58 | V |
| | 9252 | -39.87 | -13 | -26.87 | -66.7 | -50.38 | 1.39 | 11.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3756 | -45.35 | -13 | -32.35 | -61.44 | -57.15 | 0.69 | 12.50 | H |
| | 5634 | -46.25 | -13 | -33.25 | -65.47 | -58.39 | 0.98 | 13.12 | H |
| | 7512 | -33.64 | -13 | -20.64 | -56.61 | -42.89 | 1.18 | 10.43 | H |
| | 9399 | -38.89 | -13 | -25.89 | -65.82 | -48.92 | 1.45 | 11.48 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3756 | -47.18 | -13 | -34.18 | -63.51 | -58.98 | 0.69 | 12.50 | V |
| | 5634 | -39.57 | -13 | -26.57 | -59.11 | -51.71 | 0.98 | 13.12 | V |
| | 7512 | -42.83 | -13 | -29.83 | -65.87 | -52.08 | 1.18 | 10.43 | V |
| | 9399 | -40.70 | -13 | -27.70 | -66.92 | -50.73 | 1.45 | 11.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|--------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3816 | -42.66 | -13 | -29.66 | -57.76 | -54.45 | 0.69 | 12.47 | H |
| | 5724 | -41.38 | -13 | -28.38 | -60.76 | -53.45 | 0.99 | 13.07 | H |
| | 7626 | -30.64 | -13 | -17.64 | -53.46 | -40.21 | 1.18 | 10.75 | H |
| | 9535.5 | -39.67 | -13 | -26.67 | -66.16 | -49.28 | 1.65 | 11.26 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3816 | -43.95 | -13 | -30.95 | -60.42 | -55.74 | 0.69 | 12.47 | V |
| | 5724 | -38.04 | -13 | -25.04 | -57.58 | -50.11 | 0.99 | 13.07 | V |
| | 7626 | -40.61 | -13 | -27.61 | -63.4 | -50.18 | 1.18 | 10.75 | V |
| | 9535.5 | -41.04 | -13 | -28.04 | -66.95 | -50.65 | 1.65 | 11.26 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 2 / 5MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3702 | -47.02 | -13 | -34.02 | -63.08 | -58.81 | 0.72 | 12.52 | H |
| | 5550 | -38.13 | -13 | -25.13 | -57.37 | -50.3 | 1.00 | 13.17 | H |
| | 7404 | -34.75 | -13 | -21.75 | -56.5 | -44.14 | 1.18 | 10.57 | H |
| | 9252 | -37.18 | -13 | -24.18 | -64.36 | -47.69 | 1.39 | 11.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -48.66 | -13 | -35.66 | -64.88 | -60.45 | 0.72 | 12.52 | V |
| | 5550 | -36.71 | -13 | -23.71 | -56.36 | -48.88 | 1.00 | 13.17 | V |
| | 7404 | -42.96 | -13 | -29.96 | -64.83 | -52.35 | 1.18 | 10.57 | V |
| | 9252 | -39.19 | -13 | -26.19 | -66.02 | -49.7 | 1.39 | 11.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3756 | -45.33 | -13 | -32.33 | -61.42 | -57.13 | 0.69 | 12.50 | H |
| | 5634 | -35.55 | -13 | -22.55 | -54.77 | -47.69 | 0.98 | 13.12 | H |
| | 7512 | -32.80 | -13 | -19.80 | -55.77 | -42.05 | 1.18 | 10.43 | H |
| | 9388 | -36.51 | -13 | -23.51 | -63.44 | -46.58 | 1.45 | 11.51 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3756 | -49.54 | -13 | -36.54 | -65.87 | -61.34 | 0.69 | 12.50 | V |
| | 5634 | -35.35 | -13 | -22.35 | -54.89 | -47.49 | 0.98 | 13.12 | V |
| | 7512 | -41.54 | -13 | -28.54 | -64.58 | -50.79 | 1.18 | 10.43 | V |
| | 9388 | -37.73 | -13 | -24.73 | -63.95 | -47.8 | 1.45 | 11.51 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3810 | -43.05 | -13 | -30.05 | -59.15 | -54.85 | 0.68 | 12.48 | H |
| | 5718 | -36.90 | -13 | -23.90 | -56.29 | -48.98 | 0.99 | 13.07 | H |
| | 7620 | -30.56 | -13 | -17.56 | -53.3 | -40.11 | 1.18 | 10.74 | H |
| | 9525 | -38.02 | -13 | -25.02 | -64.49 | -47.63 | 1.64 | 11.25 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3810 | -47.73 | -13 | -34.73 | -64.15 | -59.53 | 0.68 | 12.48 | V |
| | 5718 | -35.90 | -13 | -22.90 | -55.45 | -47.98 | 0.99 | 13.07 | V |
| | 7620 | -38.47 | -13 | -25.47 | -61.2 | -48.02 | 1.18 | 10.74 | V |
| | 9525 | -37.98 | -13 | -24.98 | -63.8 | -47.59 | 1.64 | 11.25 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 2 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3702 | -46.62 | -13 | -33.62 | -62.68 | -58.41 | 0.72 | 12.52 | H |
| | 5550 | -39.38 | -13 | -26.38 | -58.62 | -51.55 | 1.00 | 13.17 | H |
| | 7404 | -35.73 | -13 | -22.73 | -57.51 | -45.12 | 1.18 | 10.57 | H |
| | 9252 | -37.84 | -13 | -24.84 | -65.02 | -48.35 | 1.39 | 11.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -44.37 | -13 | -31.37 | -60.59 | -56.16 | 0.72 | 12.52 | V |
| | 5550 | -37.50 | -13 | -24.50 | -57.15 | -49.67 | 1.00 | 13.17 | V |
| | 7404 | -43.40 | -13 | -30.40 | -65.27 | -52.79 | 1.18 | 10.57 | V |
| | 9252 | -38.76 | -13 | -25.76 | -65.59 | -49.27 | 1.39 | 11.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3750 | -34.48 | -13 | -21.48 | -63.57 | -46.28 | 0.70 | 12.50 | H |
| | 5628 | -37.49 | -13 | -24.49 | -56.72 | -49.63 | 0.98 | 13.12 | H |
| | 7500 | -32.63 | -13 | -19.63 | -55.6 | -41.85 | 1.18 | 10.40 | H |
| | 9378 | -39.36 | -13 | -26.36 | -66.33 | -49.46 | 1.44 | 11.54 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3750 | -43.70 | -13 | -30.70 | -60.03 | -55.5 | 0.70 | 12.50 | V |
| | 5628 | -38.31 | -13 | -25.31 | -57.86 | -50.45 | 0.98 | 13.12 | V |
| | 7500 | -40.79 | -13 | -27.79 | -63.83 | -50.01 | 1.18 | 10.40 | V |
| | 9378 | -40.82 | -13 | -27.82 | -67.13 | -50.92 | 1.44 | 11.54 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3804 | -44.78 | -13 | -31.78 | -60.88 | -56.59 | 0.67 | 12.48 | H |
| | 5700 | -35.35 | -13 | -22.35 | -54.71 | -47.44 | 0.99 | 13.08 | H |
| | 7602 | -31.24 | -13 | -18.24 | -53.92 | -40.74 | 1.18 | 10.69 | H |
| | 9504 | -38.46 | -13 | -25.46 | -64.91 | -48.06 | 1.61 | 11.21 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3804 | -46.84 | -13 | -33.84 | -63.26 | -58.65 | 0.67 | 12.48 | V |
| | 5700 | -36.70 | -13 | -23.70 | -56.25 | -48.79 | 0.99 | 13.08 | V |
| | 7602 | -39.03 | -13 | -26.03 | -61.71 | -48.53 | 1.18 | 10.69 | V |
| | 9504 | -38.59 | -13 | -25.59 | -64.32 | -48.19 | 1.61 | 11.21 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 2 / 15MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3702 | -45.57 | -13 | -32.57 | -61.63 | -57.36 | 0.72 | 12.52 | H |
| | 5550 | -40.64 | -13 | -27.64 | -59.88 | -52.81 | 1.00 | 13.17 | H |
| | 7404 | -35.10 | -13 | -22.10 | -56.85 | -44.49 | 1.18 | 10.57 | H |
| | 9252 | -37.16 | -13 | -24.16 | -64.34 | -47.67 | 1.39 | 11.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -46.55 | -13 | -33.55 | -62.77 | -58.34 | 0.72 | 12.52 | V |
| | 5550 | -39.63 | -13 | -26.63 | -59.28 | -51.80 | 1.00 | 13.17 | V |
| | 7404 | -43.84 | -13 | -30.84 | -65.71 | -53.23 | 1.18 | 10.57 | V |
| | 9252 | -38.19 | -13 | -25.19 | -65.02 | -48.70 | 1.39 | 11.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3744 | -47.75 | -13 | -34.75 | -63.84 | -59.55 | 0.70 | 12.50 | H |
| | 5622 | -38.42 | -13 | -25.42 | -57.61 | -50.57 | 0.98 | 13.13 | H |
| | 7494 | -33.30 | -13 | -20.30 | -56.06 | -42.53 | 1.18 | 10.41 | H |
| | 9367 | -35.06 | -13 | -22.06 | -65.02 | -45.19 | 1.44 | 11.57 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3744 | -49.04 | -13 | -36.04 | -65.37 | -60.84 | 0.70 | 12.50 | V |
| | 5622 | -39.24 | -13 | -26.24 | -58.77 | -51.39 | 0.98 | 13.13 | V |
| | 7494 | -40.86 | -13 | -27.86 | -63.7 | -50.09 | 1.18 | 10.41 | V |
| | 9367 | -40.86 | -13 | -27.86 | -64.81 | -50.99 | 1.44 | 11.57 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3792 | -47.31 | -13 | -34.31 | -63.39 | -59.12 | 0.67 | 12.48 | H |
| | 5688 | -37.89 | -13 | -24.89 | -57.2 | -49.99 | 0.99 | 13.09 | H |
| | 7584 | -31.31 | -13 | -18.31 | -54.05 | -40.76 | 1.18 | 10.64 | H |
| | 9483 | -38.02 | -13 | -25.02 | -64.55 | -47.69 | 1.58 | 11.25 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3792 | -50.21 | -13 | -37.21 | -66.59 | -62.02 | 0.67 | 12.48 | V |
| | 5688 | -40.47 | -13 | -27.47 | -60 | -52.57 | 0.99 | 13.09 | V |
| | 7584 | -40.96 | -13 | -27.96 | -63.72 | -50.41 | 1.18 | 10.64 | V |
| | 9483 | -38.45 | -13 | -25.45 | -64.27 | -48.12 | 1.58 | 11.25 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 2 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3702 | -46.33 | -13 | -33.33 | -62.39 | -58.12 | 0.72 | 12.52 | H |
| | 5556 | -38.62 | -13 | -25.62 | -57.83 | -50.79 | 1.00 | 13.17 | H |
| | 7404 | -34.57 | -13 | -21.57 | -56.32 | -43.96 | 1.18 | 10.57 | H |
| | 9252 | -37.96 | -13 | -24.96 | -65.14 | -48.47 | 1.39 | 11.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -46.50 | -13 | -33.50 | -62.72 | -58.29 | 0.72 | 12.52 | V |
| | 5556 | -39.94 | -13 | -26.94 | -59.55 | -52.11 | 1.00 | 13.17 | V |
| | 7404 | -42.58 | -13 | -29.58 | -64.45 | -51.97 | 1.18 | 10.57 | V |
| | 9252 | -38.44 | -13 | -25.44 | -65.27 | -48.95 | 1.39 | 11.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3744 | -44.36 | -13 | -31.36 | -61.59 | -56.16 | 0.70 | 12.50 | H |
| | 5616 | -40.13 | -13 | -27.13 | -59.32 | -52.28 | 0.98 | 13.13 | H |
| | 7482 | -35.10 | -13 | -22.10 | -57.86 | -44.35 | 1.18 | 10.43 | H |
| | 9357 | -39.23 | -13 | -26.23 | -66.23 | -49.4 | 1.43 | 11.60 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3744 | -47.58 | -13 | -34.58 | -63.91 | -59.38 | 0.70 | 12.50 | V |
| | 5616 | -35.70 | -13 | -22.70 | -55.24 | -47.85 | 0.98 | 13.13 | V |
| | 7482 | -41.59 | -13 | -28.59 | -64.43 | -50.84 | 1.18 | 10.43 | V |
| | 9357 | -40.56 | -13 | -27.56 | -66.94 | -50.73 | 1.43 | 11.60 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3780 | -45.55 | -13 | -32.55 | -61.64 | -57.36 | 0.68 | 12.49 | H |
| | 5676 | -38.54 | -13 | -25.54 | -57.83 | -50.65 | 0.99 | 13.09 | H |
| | 7566 | -31.67 | -13 | -18.67 | -54.45 | -41.07 | 1.18 | 10.58 | H |
| | 9451 | -39.98 | -13 | -26.98 | -66.68 | -49.79 | 1.53 | 11.34 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3780 | -49.48 | -13 | -36.48 | -68.87 | -61.29 | 0.68 | 12.49 | V |
| | 5676 | -39.99 | -13 | -26.99 | -59.53 | -52.10 | 0.99 | 13.09 | V |
| | 7566 | -39.61 | -13 | -26.61 | -62.42 | -49.01 | 1.18 | 10.58 | V |
| | 9451 | -39.53 | -13 | -26.53 | -65.51 | -49.34 | 1.53 | 11.34 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 4

| LTE Band 4 / 1.4MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -48.31 | -13 | -35.31 | -63.25 | -59.9 | 0.77 | 12.36 | H |
| | 5130 | -42.09 | -13 | -29.09 | -60.3 | -53.58 | 0.97 | 12.46 | H |
| | 6840 | -37.38 | -13 | -24.38 | -58.87 | -48.23 | 0.81 | 11.65 | H |
| | 8550 | -40.24 | -13 | -27.24 | -65.3 | -50.85 | 1.36 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -49.50 | -13 | -36.50 | -64.54 | -61.09 | 0.77 | 12.36 | V |
| | 5130 | -42.77 | -13 | -29.77 | -61.61 | -54.26 | 0.97 | 12.46 | V |
| | 6840 | -25.67 | -13 | -12.67 | -47.29 | -36.52 | 0.81 | 11.65 | V |
| | 8550 | -36.38 | -13 | -23.38 | -61.01 | -46.99 | 1.36 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3462 | -46.58 | -13 | -33.58 | -61.98 | -58.29 | 0.78 | 12.49 | H |
| | 5196 | -42.64 | -13 | -29.64 | -61.03 | -54.24 | 0.99 | 12.59 | H |
| | 6930 | -36.40 | -13 | -23.40 | -58 | -46.85 | 1.01 | 11.45 | H |
| | 8658 | -41.19 | -13 | -28.19 | -66.94 | -51.92 | 1.39 | 12.12 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3462 | -47.94 | -13 | -34.94 | -63.45 | -59.65 | 0.78 | 12.49 | V |
| | 5196 | -40.45 | -13 | -27.45 | -59.45 | -52.05 | 0.99 | 12.59 | V |
| | 6930 | -27.45 | -13 | -14.45 | -49.12 | -37.9 | 1.01 | 11.45 | V |
| | 8658 | -37.07 | -13 | -24.07 | -62.42 | -47.8 | 1.39 | 12.12 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3510 | -48.15 | -13 | -35.15 | -64.03 | -59.97 | 0.78 | 12.60 | H |
| | 5262 | -44.52 | -13 | -31.52 | -63.14 | -56.23 | 1.01 | 12.72 | H |
| | 7014 | -37.09 | -13 | -24.09 | -58.82 | -47.2 | 1.17 | 11.27 | H |
| | 8772 | -39.78 | -13 | -26.78 | -66.08 | -50.66 | 1.40 | 12.28 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3510 | -48.19 | -13 | -35.19 | -64.18 | -60.01 | 0.78 | 12.60 | V |
| | 5262 | -40.37 | -13 | -27.37 | -59.67 | -52.08 | 1.01 | 12.72 | V |
| | 7014 | -28.74 | -13 | -15.74 | -50.5 | -38.85 | 1.17 | 11.27 | V |
| | 8772 | -37.53 | -13 | -24.53 | -63.46 | -48.41 | 1.40 | 12.28 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 4 / 3MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -46.86 | -13 | -33.86 | -61.8 | -58.45 | 0.77 | 12.36 | H |
| | 5130 | -42.77 | -13 | -29.77 | -60.98 | -54.26 | 0.97 | 12.46 | H |
| | 6840 | -37.05 | -13 | -24.05 | -58.54 | -47.9 | 0.81 | 11.65 | H |
| | 8550 | -41.91 | -13 | -28.91 | -66.97 | -52.52 | 1.36 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -49.70 | -13 | -36.70 | -64.74 | -61.29 | 0.77 | 12.36 | V |
| | 5130 | -42.94 | -13 | -29.94 | -61.78 | -54.43 | 0.97 | 12.46 | V |
| | 5840 | -26.29 | -13 | -13.29 | -47.91 | -38.23 | 1.05 | 13.00 | V |
| | 8550 | -37.35 | -13 | -24.35 | -61.98 | -47.96 | 1.36 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3462 | -47.56 | -13 | -34.56 | -62.96 | -59.27 | 0.78 | 12.49 | H |
| | 5196 | -42.93 | -13 | -29.93 | -61.32 | -54.53 | 0.99 | 12.59 | H |
| | 6924 | -38.56 | -13 | -25.56 | -60.18 | -49.03 | 0.99 | 11.47 | H |
| | 8658 | -39.98 | -13 | -26.98 | -65.73 | -50.71 | 1.39 | 12.12 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3462 | -48.33 | -13 | -35.33 | -63.84 | -60.04 | 0.78 | 12.49 | V |
| | 5196 | -39.95 | -13 | -26.95 | -58.95 | -51.55 | 0.99 | 12.59 | V |
| | 6924 | -27.06 | -13 | -14.06 | -48.75 | -37.53 | 0.99 | 11.47 | V |
| | 8658 | -35.55 | -13 | -22.55 | -60.9 | -46.28 | 1.39 | 12.12 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3504 | -44.20 | -13 | -31.20 | -60.04 | -56.02 | 0.78 | 12.60 | H |
| | 5256 | -43.96 | -13 | -30.96 | -62.57 | -55.66 | 1.01 | 12.71 | H |
| | 7008 | -38.18 | -13 | -25.18 | -59.88 | -48.3 | 1.17 | 11.29 | H |
| | 8760 | -39.97 | -13 | -26.97 | -66.26 | -50.83 | 1.40 | 12.26 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3504 | -46.61 | -13 | -33.61 | -62.58 | -58.43 | 0.78 | 12.60 | V |
| | 5256 | -41.05 | -13 | -28.05 | -60.34 | -52.75 | 1.01 | 12.71 | V |
| | 7008 | -27.23 | -13 | -14.23 | -48.95 | -37.35 | 1.17 | 11.29 | V |
| | 8760 | -37.10 | -13 | -24.10 | -63.02 | -47.96 | 1.40 | 12.26 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 4 / 5MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -48.60 | -13 | -35.60 | -63.54 | -60.19 | 0.77 | 12.36 | H |
| | 5130 | -46.37 | -13 | -33.37 | -64.58 | -57.86 | 0.97 | 12.46 | H |
| | 6840 | -36.95 | -13 | -23.95 | -58.44 | -47.8 | 0.81 | 11.65 | H |
| | 8550 | -41.84 | -13 | -28.84 | -66.9 | -52.45 | 1.36 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -48.51 | -13 | -35.51 | -63.55 | -60.1 | 0.77 | 12.36 | V |
| | 5130 | -48.08 | -13 | -35.08 | -66.92 | -59.57 | 0.97 | 12.46 | V |
| | 6840 | -27.29 | -13 | -14.29 | -48.91 | -38.14 | 0.81 | 11.65 | V |
| | 8550 | -36.99 | -13 | -23.99 | -61.62 | -47.6 | 1.36 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3462 | -47.78 | -13 | -34.78 | -63.18 | -59.49 | 0.78 | 12.49 | H |
| | 5190 | -45.88 | -13 | -32.88 | -64.27 | -57.47 | 0.99 | 12.58 | H |
| | 6924 | -39.90 | -13 | -26.90 | -61.52 | -50.37 | 0.99 | 11.47 | H |
| | 8652 | -41.60 | -13 | -28.60 | -67.35 | -52.32 | 1.39 | 12.11 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3462 | -50.26 | -13 | -37.26 | -65.77 | -61.97 | 0.78 | 12.49 | V |
| | 5190 | -41.24 | -13 | -28.24 | -60.24 | -52.83 | 0.99 | 12.58 | V |
| | 6924 | -26.32 | -13 | -13.32 | -48.01 | -36.79 | 0.99 | 11.47 | V |
| | 8652 | -36.89 | -13 | -23.89 | -62.24 | -47.61 | 1.39 | 12.11 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3498 | -48.27 | -13 | -35.27 | -64.12 | -60.08 | 0.78 | 12.59 | H |
| | 5250 | -49.00 | -13 | -36.00 | -67.56 | -60.69 | 1.01 | 12.70 | H |
| | 7002 | -38.53 | -13 | -25.53 | -60.24 | -48.66 | 1.16 | 11.30 | H |
| | 8754 | -38.94 | -13 | -25.94 | -65.14 | -49.8 | 1.40 | 12.26 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3498 | -47.36 | -13 | -34.36 | -63.34 | -59.17 | 0.78 | 12.59 | V |
| | 5250 | -44.14 | -13 | -31.14 | -63.35 | -55.83 | 1.01 | 12.70 | V |
| | 7002 | -26.41 | -13 | -13.41 | -48.14 | -36.54 | 1.16 | 11.30 | V |
| | 8754 | -36.27 | -13 | -23.27 | -62.1 | -47.13 | 1.40 | 12.26 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 4 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -45.86 | -13 | -32.86 | -60.8 | -57.45 | 0.77 | 12.36 | H |
| | 5130 | -37.53 | -13 | -24.53 | -55.74 | -49.02 | 0.97 | 12.46 | H |
| | 6840 | -35.36 | -13 | -22.36 | -56.85 | -46.21 | 0.81 | 11.65 | H |
| | 8550 | -43.82 | -13 | -30.82 | -68.88 | -54.43 | 1.36 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -47.43 | -13 | -34.43 | -62.47 | -59.02 | 0.77 | 12.36 | V |
| | 5130 | -41.38 | -13 | -28.38 | -60.22 | -52.87 | 0.97 | 12.46 | V |
| | 6840 | -29.18 | -13 | -16.18 | -50.8 | -40.03 | 0.81 | 11.65 | V |
| | 8550 | -38.05 | -13 | -25.05 | -62.68 | -48.66 | 1.36 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3456 | -46.26 | -13 | -33.26 | -61.67 | -57.95 | 0.78 | 12.47 | H |
| | 5184 | -39.09 | -13 | -26.09 | -57.48 | -50.67 | 0.99 | 12.57 | H |
| | 6912 | -38.67 | -13 | -25.67 | -60.26 | -49.2 | 0.97 | 11.49 | H |
| | 8640 | -41.35 | -13 | -28.35 | -67.01 | -52.06 | 1.39 | 12.10 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3456 | -46.58 | -13 | -33.58 | -62.1 | -58.27 | 0.78 | 12.47 | V |
| | 5184 | -42.49 | -13 | -29.49 | -61.49 | -54.07 | 0.99 | 12.57 | V |
| | 6912 | -27.52 | -13 | -14.52 | -49.19 | -38.05 | 0.97 | 11.49 | V |
| | 8640 | -38.44 | -13 | -25.44 | -63.7 | -49.15 | 1.39 | 12.10 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3492 | -46.47 | -13 | -33.47 | -62.32 | -58.27 | 0.78 | 12.58 | H |
| | 5238 | -46.57 | -13 | -33.57 | -65.13 | -58.24 | 1.01 | 12.68 | H |
| | 6984 | -34.81 | -13 | -21.81 | -56.49 | -45.02 | 1.13 | 11.34 | H |
| | 8730 | -42.36 | -13 | -29.36 | -68.46 | -53.18 | 1.40 | 12.22 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3492 | -49.31 | -13 | -36.31 | -65.29 | -61.11 | 0.78 | 12.58 | V |
| | 5238 | -49.31 | -13 | -36.31 | -68.52 | -60.98 | 1.01 | 12.68 | V |
| | 6984 | -26.09 | -13 | -13.09 | -47.8 | -36.3 | 1.13 | 11.34 | V |
| | 8730 | -36.25 | -13 | -23.25 | -61.98 | -47.07 | 1.40 | 12.22 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 4 / 15MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -47.21 | -13 | -34.21 | -62.15 | -58.8 | 0.77 | 12.36 | H |
| | 5130 | -37.95 | -13 | -24.95 | -56.16 | -49.44 | 0.97 | 12.46 | H |
| | 6846 | -36.65 | -13 | -23.65 | -58.14 | -47.47 | 0.82 | 11.64 | H |
| | 8556 | -42.02 | -13 | -29.02 | -67.08 | -52.64 | 1.36 | 11.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -49.31 | -13 | -36.31 | -64.35 | -60.9 | 0.77 | 12.36 | V |
| | 5130 | -38.23 | -13 | -25.23 | -57.07 | -49.72 | 0.97 | 12.46 | V |
| | 6846 | -27.37 | -13 | -14.37 | -48.99 | -38.19 | 0.82 | 11.64 | V |
| | 8556 | -37.28 | -13 | -24.28 | -61.91 | -47.9 | 1.36 | 11.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3450 | -42.85 | -13 | -29.85 | -58.01 | -54.52 | 0.78 | 12.45 | H |
| | 5178 | -43.03 | -13 | -30.03 | -61.36 | -54.6 | 0.98 | 12.56 | H |
| | 6906 | -36.62 | -13 | -23.62 | -58.21 | -47.17 | 0.95 | 11.51 | H |
| | 8628 | -41.83 | -13 | -28.83 | -67.4 | -52.52 | 1.39 | 12.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3450 | -48.60 | -13 | -35.60 | -63.87 | -60.27 | 0.78 | 12.45 | V |
| | 5178 | -37.20 | -13 | -24.20 | -56.15 | -48.77 | 0.98 | 12.56 | V |
| | 6906 | -26.16 | -13 | -13.16 | -47.83 | -36.71 | 0.95 | 11.51 | V |
| | 8628 | -37.43 | -13 | -24.43 | -62.59 | -48.12 | 1.39 | 12.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3480 | -45.27 | -13 | -32.27 | -60.89 | -57.03 | 0.78 | 12.54 | H |
| | 5220 | -41.62 | -13 | -28.62 | -60.12 | -53.26 | 1.00 | 12.64 | H |
| | 6966 | -39.99 | -13 | -26.99 | -61.65 | -50.28 | 1.09 | 11.37 | H |
| | 8706 | -42.12 | -13 | -29.12 | -68.14 | -52.91 | 1.40 | 12.19 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3480 | -46.71 | -13 | -33.71 | -62.45 | -58.47 | 0.78 | 12.54 | V |
| | 5220 | -41.62 | -13 | -28.62 | -60.76 | -53.26 | 1.00 | 12.64 | V |
| | 6966 | -29.08 | -13 | -16.08 | -50.78 | -39.37 | 1.09 | 11.37 | V |
| | 8706 | -36.22 | -13 | -23.22 | -61.86 | -47.01 | 1.40 | 12.19 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 4 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -49.03 | -13 | -36.03 | -63.97 | -60.62 | 0.77 | 12.36 | H |
| | 5136 | -40.52 | -13 | -27.52 | -58.73 | -52.02 | 0.97 | 12.47 | H |
| | 6846 | -38.36 | -13 | -25.36 | -59.85 | -49.18 | 0.82 | 11.64 | H |
| | 8556 | -43.02 | -13 | -30.02 | -68.08 | -53.64 | 1.36 | 11.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -49.72 | -13 | -36.72 | -64.76 | -61.31 | 0.77 | 12.36 | V |
| | 5136 | -43.11 | -13 | -30.11 | -61.95 | -54.61 | 0.97 | 12.47 | V |
| | 6846 | -27.89 | -13 | -14.89 | -49.51 | -38.71 | 0.82 | 11.64 | V |
| | 8556 | -37.15 | -13 | -24.15 | -61.78 | -47.77 | 1.36 | 11.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3450 | -50.16 | -13 | -37.16 | -65.32 | -61.83 | 0.78 | 12.45 | H |
| | 5172 | -42.51 | -13 | -29.51 | -60.84 | -54.07 | 0.98 | 12.54 | H |
| | 6894 | -40.10 | -13 | -27.10 | -61.67 | -50.71 | 0.93 | 11.53 | H |
| | 8616 | -40.32 | -13 | -27.32 | -65.9 | -51 | 1.39 | 12.06 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3450 | -51.84 | -13 | -38.84 | -67.11 | -63.51 | 0.78 | 12.45 | V |
| | 5172 | -43.87 | -13 | -30.87 | -62.82 | -55.43 | 0.98 | 12.54 | V |
| | 6894 | -25.93 | -13 | -12.93 | -47.59 | -36.54 | 0.93 | 11.53 | V |
| | 8616 | -38.48 | -13 | -25.48 | -63.65 | -49.16 | 1.39 | 12.06 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3474 | -46.11 | -13 | -33.11 | -61.73 | -57.85 | 0.78 | 12.52 | H |
| | 5208 | -42.12 | -13 | -29.12 | -60.57 | -53.74 | 0.99 | 12.62 | H |
| | 6942 | -39.03 | -13 | -26.03 | -60.67 | -49.42 | 1.03 | 11.43 | H |
| | 8682 | -41.80 | -13 | -28.80 | -67.64 | -52.56 | 1.39 | 12.15 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3474 | -48.24 | -13 | -35.24 | -63.98 | -59.98 | 0.78 | 12.52 | V |
| | 5208 | -42.02 | -13 | -29.02 | -61.08 | -53.64 | 0.99 | 12.62 | V |
| | 6942 | -26.38 | -13 | -13.38 | -48.08 | -36.77 | 1.03 | 11.43 | V |
| | 8682 | -36.79 | -13 | -23.79 | -62.23 | -47.55 | 1.39 | 12.15 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 5

| LTE Band 5 / 1.4MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -61.76 | -13 | -48.76 | -62.76 | -68.71 | 0.53 | 9.63 | H |
| | 2472 | -51.94 | -13 | -38.94 | -63.88 | -59.92 | 0.65 | 10.78 | H |
| | 3296 | -55.60 | -13 | -42.60 | -69.9 | -64.68 | 0.76 | 11.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1648 | -57.10 | -13 | -44.10 | -65.76 | -64.05 | 0.53 | 9.63 | V |
| | 2472 | -52.81 | -13 | -39.81 | -65.63 | -60.79 | 0.65 | 10.78 | V |
| | 3296 | -55.65 | -13 | -42.65 | -69.96 | -64.73 | 0.76 | 11.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1672 | -54.47 | -13 | -41.47 | -63.4 | -61.47 | 0.53 | 9.68 | H |
| | 2508 | -50.32 | -13 | -37.32 | -62.15 | -58.32 | 0.66 | 10.80 | H |
| | 3344 | -55.28 | -13 | -42.28 | -69.45 | -64.5 | 0.76 | 12.13 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1672 | -56.32 | -13 | -43.32 | -65 | -63.32 | 0.53 | 9.68 | V |
| | 2508 | -51.92 | -13 | -38.92 | -64.64 | -59.92 | 0.66 | 10.80 | V |
| | 3344 | -54.85 | -13 | -41.85 | -69.05 | -64.07 | 0.76 | 12.13 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1696 | -57.64 | -13 | -44.64 | -66.63 | -64.69 | 0.53 | 9.73 | H |
| | 2544 | -47.28 | -13 | -34.28 | -59.2 | -55.29 | 0.67 | 10.83 | H |
| | 3392 | -54.97 | -13 | -41.97 | -68.94 | -64.33 | 0.77 | 12.28 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1696 | -58.77 | -13 | -45.77 | -67.47 | -65.82 | 0.53 | 9.73 | V |
| | 2544 | -46.67 | -13 | -33.67 | -59.29 | -54.68 | 0.67 | 10.83 | V |
| | 3392 | -54.57 | -13 | -41.57 | -68.61 | -63.93 | 0.77 | 12.28 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 5 / 3MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -54.13 | -13 | -41.13 | -63.02 | -61.08 | 0.53 | 9.63 | H |
| | 2472 | -51.88 | -13 | -38.88 | -63.82 | -59.86 | 0.65 | 10.78 | H |
| | 3296 | -54.85 | -13 | -41.85 | -69.15 | -63.93 | 0.76 | 11.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1648 | -57.02 | -13 | -44.02 | -65.68 | -63.97 | 0.53 | 9.63 | V |
| | 2472 | -52.03 | -13 | -39.03 | -46.85 | -60.01 | 0.65 | 10.78 | V |
| | 3296 | -54.59 | -13 | -41.59 | -68.9 | -63.67 | 0.76 | 11.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1672 | -56.10 | -13 | -43.10 | -65.03 | -63.1 | 0.53 | 9.68 | H |
| | 2504 | -50.51 | -13 | -37.51 | -62.35 | -58.51 | 0.66 | 10.80 | H |
| | 3336 | -55.20 | -13 | -42.20 | -69.38 | -64.4 | 0.76 | 12.11 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1672 | -56.82 | -13 | -43.82 | -65.5 | -63.82 | 0.53 | 9.68 | V |
| | 2504 | -50.80 | -13 | -37.80 | -63.53 | -58.8 | 0.66 | 10.80 | V |
| | 3336 | -55.12 | -13 | -42.12 | -69.33 | -64.32 | 0.76 | 12.11 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|---------|--------|------|-------|---|
| Highest | 1688 | -56.76 | -13 | -43.76 | -65.74 | -63.79 | 0.53 | 9.71 | H |
| | 2536 | -47.72 | -13 | -34.72 | -59.6 | -55.73 | 0.66 | 10.82 | H |
| | 3384 | -55.37 | -13 | -42.37 | -69.34 | -64.7 | 0.77 | 12.25 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1688 | -58.36 | -13 | -45.36 | -678.08 | -65.39 | 0.53 | 9.71 | V |
| | 2536 | -48.19 | -13 | -35.19 | -60.87 | -56.2 | 0.66 | 10.82 | V |
| | 3384 | -53.96 | -13 | -40.96 | -68 | -63.29 | 0.77 | 12.25 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 5 / 5MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -53.41 | -13 | -40.41 | -62.3 | -60.36 | 0.53 | 9.63 | H |
| | 2472 | -55.33 | -13 | -42.33 | -67.27 | -63.31 | 0.65 | 10.78 | H |
| | 3296 | -55.42 | -13 | -42.42 | -69.72 | -64.5 | 0.76 | 11.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1648 | -57.45 | -13 | -44.45 | -66.11 | -64.4 | 0.53 | 9.63 | V |
| | 2472 | -54.75 | -13 | -41.75 | -67.57 | -62.73 | 0.65 | 10.78 | V |
| | 3296 | -54.56 | -13 | -41.56 | -68.87 | -63.64 | 0.76 | 11.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1672 | -55.26 | -13 | -42.26 | -64.19 | -62.26 | 0.53 | 9.68 | H |
| | 2504 | -53.80 | -13 | -40.80 | -65.64 | -61.8 | 0.66 | 10.80 | H |
| | 3336 | -53.82 | -13 | -40.82 | -68 | -63.02 | 0.76 | 12.11 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1672 | -54.78 | -13 | -41.78 | -63.46 | -61.78 | 0.53 | 9.68 | V |
| | 2504 | -51.53 | -13 | -38.53 | -64.26 | -59.53 | 0.66 | 10.80 | V |
| | 3336 | -55.10 | -13 | -42.10 | -69.31 | -64.3 | 0.76 | 12.11 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1688 | -56.79 | -13 | -43.79 | -65.77 | -63.82 | 0.53 | 9.71 | H |
| | 2536 | -51.14 | -13 | -38.14 | -63.02 | -59.15 | 0.66 | 10.82 | H |
| | 3384 | -55.40 | -13 | -42.40 | -69.37 | -64.73 | 0.77 | 12.25 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1688 | -56.20 | -13 | -43.20 | -64.92 | -63.23 | 0.53 | 9.71 | V |
| | 2536 | -49.16 | -13 | -36.16 | -61.84 | -57.17 | 0.66 | 10.82 | V |
| | 3384 | -55.54 | -13 | -42.54 | -69.58 | -64.87 | 0.77 | 12.25 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -55.26 | -13 | -42.26 | -46.15 | -62.21 | 0.53 | 9.63 | H |
| | 2472 | -55.92 | -13 | -42.92 | -67.86 | -63.9 | 0.65 | 10.78 | H |
| | 4120 | -53.36 | -13 | -40.36 | -69.2 | -62.7 | 0.86 | 12.35 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1648 | -57.47 | -13 | -44.47 | -66.13 | -64.42 | 0.53 | 9.63 | V |
| | 2472 | -48.87 | -13 | -35.87 | -61.69 | -56.85 | 0.65 | 10.78 | V |
| | 4120 | -48.60 | -13 | -35.60 | -65.33 | -57.94 | 0.86 | 12.35 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1664 | -55.56 | -13 | -42.56 | -64.49 | -62.54 | 0.53 | 9.66 | H |
| | 2496 | -50.82 | -13 | -37.82 | -62.62 | -58.81 | 0.65 | 10.80 | H |
| | 3328 | -54.33 | -13 | -41.33 | -68.5 | -63.5 | 0.76 | 12.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1664 | -56.99 | -13 | -43.99 | -65.67 | -63.97 | 0.53 | 9.66 | V |
| | 2496 | -54.54 | -13 | -41.54 | -67.33 | -62.53 | 0.65 | 10.80 | V |
| | 3328 | -54.23 | -13 | -41.23 | -68.43 | -63.4 | 0.76 | 12.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1680 | -53.51 | -13 | -40.51 | -62.49 | -60.53 | 0.53 | 9.70 | H |
| | 2520 | -44.49 | -13 | -31.49 | -56.37 | -52.49 | 0.66 | 10.81 | H |
| | 3360 | -55.05 | -13 | -42.05 | -69.16 | -64.31 | 0.77 | 12.18 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1680 | -58.17 | -13 | -45.17 | -66.89 | -65.19 | 0.53 | 9.70 | V |
| | 2520 | -46.64 | -13 | -33.64 | -59.32 | -54.64 | 0.66 | 10.81 | V |
| | 3360 | -54.91 | -13 | -41.91 | -69.07 | -64.17 | 0.77 | 12.18 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 7

| LTE Band 7 / 5MHz / QPSK | | | | | | | | | |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 4998 | -50.50 | -25 | -25.50 | -68.36 | -61.77 | 0.93 | 12.20 | H |
| | 7500 | -43.61 | -25 | -18.61 | -66.58 | -52.83 | 1.18 | 10.40 | H |
| | 10008 | -37.12 | -25 | -12.12 | -65.34 | -47.84 | 1.37 | 12.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 4998 | -47.89 | -25 | -22.89 | -66.42 | -59.16 | 0.93 | 12.20 | V |
| | 7500 | -36.59 | -25 | -11.59 | -59.63 | -45.81 | 1.18 | 10.40 | V |
| | 10008 | -39.95 | -25 | -14.95 | -67.8 | -50.67 | 1.37 | 12.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5064 | -49.77 | -25 | -24.77 | -67.76 | -61.14 | 0.95 | 12.33 | H |
| | 7596 | -43.49 | -25 | -18.49 | -66.37 | -52.98 | 1.18 | 10.67 | H |
| | 10134 | -37.25 | -25 | -12.25 | -65.16 | -47.72 | 1.38 | 11.85 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5064 | -49.07 | -25 | -24.07 | -67.71 | -60.44 | 0.95 | 12.33 | V |
| | 7596 | -36.44 | -25 | -11.44 | -59.12 | -45.93 | 1.18 | 10.67 | V |
| | 10134 | -42.75 | -25 | -17.75 | -43.75 | -53.22 | 1.38 | 11.85 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5130 | -50.90 | -25 | -25.90 | -69.11 | -62.39 | 0.97 | 12.46 | H |
| | 7698 | -43.60 | -25 | -18.60 | -66.67 | -53.37 | 1.19 | 10.95 | H |
| | 10260 | -40.52 | -25 | -15.52 | -68.13 | -50.73 | 1.39 | 11.61 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5130 | -47.91 | -25 | -22.91 | -66.75 | -59.4 | 0.97 | 12.46 | V |
| | 7698 | -33.31 | -25 | -8.31 | -56.34 | -43.08 | 1.19 | 10.95 | V |
| | 10260 | -44.18 | -25 | -19.18 | -71.74 | -54.39 | 1.39 | 11.61 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 7 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 4998 | -51.17 | -25 | -26.17 | -69.03 | -62.44 | 0.93 | 12.20 | H |
| | 7500 | -44.66 | -25 | -19.66 | -67.63 | -53.88 | 1.18 | 10.40 | H |
| | 10008 | -36.64 | -25 | -11.64 | -64.86 | -47.36 | 1.37 | 12.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 4998 | -49.04 | -25 | -24.04 | -67.57 | -60.31 | 0.93 | 12.20 | V |
| | 7500 | -37.60 | -25 | -12.60 | -60.64 | -46.82 | 1.18 | 10.40 | V |
| | 10008 | -41.19 | -25 | -16.19 | -69.04 | -51.91 | 1.37 | 12.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5058 | -50.87 | -25 | -25.87 | -68.86 | -62.23 | 0.95 | 12.32 | H |
| | 7590 | -45.18 | -25 | -20.18 | -67.86 | -54.65 | 1.18 | 10.65 | H |
| | 10116 | -38.75 | -25 | -13.75 | -66.72 | -49.25 | 1.38 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5058 | -48.32 | -25 | -23.32 | -66.96 | -59.68 | 0.95 | 12.32 | V |
| | 7590 | -35.61 | -25 | -10.61 | -58.32 | -45.08 | 1.18 | 10.65 | V |
| | 10116 | -43.93 | -25 | -18.93 | -71.66 | -54.43 | 1.38 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5124 | -51.05 | -25 | -26.05 | -69.2 | -62.53 | 0.97 | 12.45 | H |
| | 7680 | -43.87 | -25 | -18.87 | -66.88 | -53.59 | 1.19 | 10.90 | H |
| | 10240 | -41.92 | -25 | -16.92 | -69.58 | -52.17 | 1.39 | 11.64 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5124 | -46.74 | -25 | -21.74 | -65.52 | -58.22 | 0.97 | 12.45 | V |
| | 7680 | -35.14 | -25 | -10.14 | -58.12 | -44.86 | 1.19 | 10.90 | V |
| | 10240 | -44.18 | -25 | -19.18 | -71.77 | -54.43 | 1.39 | 11.64 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 7 / 15MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 4998 | -51.10 | -25 | -26.10 | -68.97 | -62.37 | 0.93 | 12.20 | H |
| | 7500 | -44.00 | -25 | -19.00 | -66.97 | -53.22 | 1.18 | 10.40 | H |
| | 10008 | -38.38 | -25 | -13.38 | -66.6 | -49.1 | 1.37 | 12.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 4998 | -47.65 | -25 | -22.65 | -66.18 | -58.92 | 0.93 | 12.20 | V |
| | 7500 | -35.45 | -25 | -10.45 | -58.49 | -44.67 | 1.18 | 10.40 | V |
| | 10008 | -42.56 | -25 | -17.56 | -70.41 | -53.28 | 1.37 | 12.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5058 | -49.50 | -25 | -24.50 | -67.49 | -60.86 | 0.95 | 12.32 | H |
| | 7584 | -44.33 | -25 | -19.33 | -67.07 | -53.78 | 1.18 | 10.64 | H |
| | 10116 | -39.23 | -25 | -14.23 | -67.2 | -49.73 | 1.38 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5058 | -47.56 | -25 | -22.56 | -66.2 | -58.92 | 0.95 | 12.32 | V |
| | 7584 | -35.88 | -25 | -10.88 | -58.64 | -45.33 | 1.18 | 10.64 | V |
| | 10116 | -43.65 | -25 | -18.65 | -71.38 | -54.15 | 1.38 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5112 | -49.89 | -25 | -24.89 | -68.05 | -61.35 | 0.97 | 12.42 | H |
| | 7668 | -43.61 | -25 | -18.61 | -66.55 | -53.3 | 1.19 | 10.87 | H |
| | 10224 | -42.88 | -25 | -17.88 | -70.57 | -53.17 | 1.39 | 11.67 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5112 | -44.98 | -25 | -19.98 | -63.77 | -56.44 | 0.97 | 5112 | V |
| | 7668 | -34.95 | -25 | -9.95 | -57.87 | -44.64 | 1.19 | 7668 | V |
| | 10224 | -43.70 | -25 | -18.70 | -71.3 | -53.99 | 1.39 | 10224 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 7 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 5004 | -50.80 | -25 | -25.80 | -68.61 | -62.07 | 0.94 | 12.21 | H |
| | 7506 | -44.43 | -25 | -19.43 | -67.4 | -53.67 | 1.18 | 10.42 | H |
| | 10008 | -36.53 | -25 | -11.53 | -64.75 | -47.25 | 1.37 | 12.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5004 | -47.50 | -25 | -22.50 | -65.97 | -58.77 | 0.94 | 12.21 | V |
| | 7506 | -35.76 | -25 | -10.76 | -58.8 | -45 | 1.18 | 10.42 | V |
| | 10008 | -40.28 | -25 | -15.28 | -68.13 | -51 | 1.37 | 12.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5052 | -48.84 | -25 | -23.84 | -66.77 | -60.19 | 0.95 | 12.30 | H |
| | 7578 | -45.64 | -25 | -20.64 | -68.37 | -55.08 | 1.18 | 10.62 | H |
| | 10098 | -40.71 | -25 | -15.71 | -68.71 | -51.25 | 1.38 | 11.91 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5052 | -47.58 | -25 | -22.58 | -66.16 | -58.93 | 0.95 | 12.30 | V |
| | 7578 | -36.17 | -25 | -11.17 | -58.89 | -45.61 | 1.18 | 10.62 | V |
| | 10098 | -43.51 | -25 | -18.51 | -71.25 | -54.05 | 1.38 | 11.91 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5106 | -51.30 | -25 | -26.30 | -69.4 | -62.75 | 0.97 | 12.41 | H |
| | 7656 | -43.82 | -25 | -18.82 | -66.68 | -53.47 | 1.18 | 10.84 | H |
| | 10206 | -39.99 | -25 | -14.99 | -67.73 | -50.31 | 1.39 | 11.71 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5106 | -50.00 | -25 | -25.00 | -68.74 | -61.45 | 0.97 | 12.41 | V |
| | 7656 | -35.51 | -25 | -10.51 | -58.37 | -45.16 | 1.18 | 10.84 | V |
| | 10206 | -42.97 | -25 | -17.97 | -70.59 | -53.29 | 1.39 | 11.71 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 12

| LTE Band 12 / 1.4MHz / QPSK | | | | | | | | | |
|-----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -54.53 | -13.00 | -41.53 | -65.01 | -60.58 | 0.50 | 8.70 | H |
| | 2096 | -53.77 | -13.00 | -40.77 | -65.87 | -61.51 | 0.59 | 10.48 | H |
| | 2792 | -55.69 | -13.00 | -42.69 | -68.75 | -63.81 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -57.00 | -13.00 | -44.00 | -66.20 | -63.05 | 0.50 | 8.70 | V |
| | 2096 | -55.32 | -13.00 | -42.32 | -67.66 | -63.06 | 0.59 | 10.48 | V |
| | 2792 | -55.16 | -13.00 | -42.16 | -68.62 | -63.28 | 0.70 | 10.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1413 | -55.93 | -13.00 | -42.93 | -66.22 | -62.06 | 0.50 | 8.78 | H |
| | 2120 | -45.75 | -13.00 | -32.75 | -58.13 | -53.50 | 0.59 | 10.50 | H |
| | 2824 | -55.31 | -13.00 | -42.31 | -68.41 | -63.45 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1413 | -56.84 | -13.00 | -43.84 | -66.05 | -62.97 | 0.50 | 8.78 | V |
| | 2120 | -50.51 | -13.00 | -37.51 | -63.20 | -58.26 | 0.59 | 10.50 | V |
| | 2824 | -54.76 | -13.00 | -41.76 | -68.25 | -62.90 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1432 | -55.98 | -13.00 | -42.98 | -66.16 | -62.22 | 0.50 | 8.89 | H |
| | 2144 | -46.06 | -13.00 | -33.06 | -59.00 | -53.83 | 0.59 | 10.52 | H |
| | 2856 | -54.93 | -13.00 | -41.93 | -68.10 | -63.08 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1432 | -56.63 | -13.00 | -43.63 | -65.91 | -62.87 | 0.50 | 8.89 | V |
| | 2144 | -54.19 | -13.00 | -41.19 | -67.58 | -61.96 | 0.59 | 10.52 | V |
| | 2856 | -54.87 | -13.00 | -41.87 | -68.41 | -63.02 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 12 / 3MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -56.14 | -13.00 | -43.14 | -66.62 | -62.19 | 0.50 | 8.70 | H |
| | 2097 | -55.12 | -13.00 | -42.12 | -67.21 | -62.86 | 0.59 | 10.48 | H |
| | 2796 | -55.54 | -13.00 | -42.54 | -68.60 | -63.67 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -56.86 | -13.00 | -43.86 | -66.06 | -62.91 | 0.50 | 8.70 | V |
| | 2097 | -55.84 | -13.00 | -42.84 | -68.17 | -63.58 | 0.59 | 10.48 | V |
| | 2096 | -54.53 | -13.00 | -41.53 | -67.99 | -62.27 | 0.59 | 10.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1416 | -55.53 | -13.00 | -42.53 | -65.82 | -61.67 | 0.50 | 8.80 | H |
| | 2120 | -49.74 | -13.00 | -36.74 | -62.12 | -57.49 | 0.59 | 10.50 | H |
| | 2824 | -55.22 | -13.00 | -42.22 | -68.32 | -63.36 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -57.38 | -13.00 | -44.38 | -66.59 | -63.52 | 0.50 | 8.80 | V |
| | 2120 | -51.28 | -13.00 | -38.28 | -63.97 | -59.03 | 0.59 | 10.50 | V |
| | 2824 | -55.43 | -13.00 | -42.43 | -68.92 | -63.57 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1424 | -55.64 | -13.00 | -42.64 | -65.82 | -61.83 | 0.50 | 8.84 | H |
| | 2136 | -50.25 | -13.00 | -37.25 | -62.91 | -58.02 | 0.59 | 10.51 | H |
| | 2856 | -55.21 | -13.00 | -42.21 | -68.38 | -63.36 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1424 | -56.71 | -13.00 | -43.71 | -65.99 | -62.90 | 0.50 | 8.84 | V |
| | 2136 | -51.27 | -13.00 | -38.27 | -64.31 | -59.04 | 0.59 | 10.51 | V |
| | 2856 | -55.28 | -13.00 | -42.28 | -68.80 | -63.43 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 12 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -53.46 | -13.00 | -40.46 | -63.94 | -59.51 | 0.50 | 8.70 | H |
| | 2097 | -55.83 | -13.00 | -42.83 | -67.92 | -63.57 | 0.59 | 10.48 | H |
| | 2796 | -55.02 | -13.00 | -42.02 | -68.08 | -63.15 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -57.40 | -13.00 | -44.40 | -66.60 | -63.45 | 0.50 | 8.70 | V |
| | 2097 | -55.73 | -13.00 | -42.73 | -68.06 | -63.47 | 0.59 | 10.48 | V |
| | 2796 | -55.07 | -13.00 | -42.07 | -68.53 | -63.20 | 0.70 | 10.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1410 | -54.82 | -13.00 | -41.82 | -65.11 | -60.93 | 0.50 | 8.76 | H |
| | 2115 | -56.36 | -13.00 | -43.36 | -68.74 | -64.11 | 0.59 | 10.49 | H |
| | 2820 | -55.72 | -13.00 | -42.72 | -68.81 | -63.86 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -56.63 | -13.00 | -43.63 | -65.84 | -62.73 | 0.50 | 8.75 | V |
| | 2115 | -54.51 | -13.00 | -41.51 | -67.20 | -62.26 | 0.59 | 10.49 | V |
| | 2820 | -55.56 | -13.00 | -42.56 | -69.04 | -63.70 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1424 | -55.22 | -13.00 | -42.22 | -65.40 | -61.41 | 0.50 | 8.84 | H |
| | 2133 | -54.38 | -13.00 | -41.38 | -67.03 | -62.14 | 0.59 | 10.51 | H |
| | 2844 | -55.08 | -13.00 | -42.08 | -68.25 | -63.22 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1424 | -57.57 | -13.00 | -44.57 | -66.85 | -63.76 | 0.50 | 8.84 | V |
| | 2133 | -54.36 | -13.00 | -41.36 | -67.39 | -62.12 | 0.59 | 10.51 | V |
| | 2844 | -55.10 | -13.00 | -42.10 | -68.62 | -63.24 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -55.55 | -13.00 | -42.55 | -66.03 | -61.60 | 0.50 | 8.70 | H |
| | 2099 | -55.23 | -13.00 | -42.23 | -67.32 | -62.97 | 0.59 | 10.48 | H |
| | 2798 | -55.08 | -13.00 | -42.08 | -68.14 | -63.21 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -57.15 | -13.00 | -44.15 | -66.35 | -63.20 | 0.50 | 8.70 | V |
| | 2099 | -56.09 | -13.00 | -43.09 | -68.42 | -63.83 | 0.59 | 10.48 | V |
| | 2798 | -54.56 | -13.00 | -41.56 | -68.02 | -62.69 | 0.70 | 10.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1408 | -56.39 | -13.00 | -43.39 | -66.68 | -62.49 | 0.50 | 8.75 | H |
| | 2109 | -53.58 | -13.00 | -40.58 | -65.96 | -61.33 | 0.59 | 10.49 | H |
| | 2812 | -56.27 | -13.00 | -43.27 | -69.36 | -64.40 | 0.70 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -57.52 | -13.00 | -44.52 | -66.73 | -63.62 | 0.50 | 8.75 | V |
| | 2109 | -55.32 | -13.00 | -42.32 | -68.01 | -63.07 | 0.59 | 10.49 | V |
| | 2812 | -54.58 | -13.00 | -41.58 | -68.06 | -62.71 | 0.70 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1416 | -54.69 | -13.00 | -41.69 | -64.99 | -60.83 | 0.50 | 8.80 | H |
| | 2120 | -54.76 | -13.00 | -41.76 | -67.14 | -62.51 | 0.59 | 10.50 | H |
| | 2826 | -55.93 | -13.00 | -42.93 | -69.07 | -64.07 | 0.71 | 11.00 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -56.50 | -13.00 | -43.50 | -65.71 | -62.64 | 0.50 | 8.80 | V |
| | 2120 | -55.44 | -13.00 | -42.44 | -68.13 | -63.19 | 0.59 | 10.50 | V |
| | 2826 | -54.87 | -13.00 | -41.87 | -68.37 | -63.01 | 0.71 | 11.00 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 12 / 1.4MHz / QPSK | | | | | | | | | |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1400 | -52.38 | -13.00 | -39.38 | -65.01 | -60.58 | 0.50 | 8.70 | H |
| | 2096 | -51.62 | -13.00 | -38.62 | -65.87 | -61.51 | 0.59 | 10.48 | H |
| | 2792 | -53.54 | -13.00 | -40.54 | -68.75 | -63.81 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -54.85 | -13.00 | -41.85 | -66.20 | -63.05 | 0.50 | 8.70 | V |
| | 2096 | -53.17 | -13.00 | -40.17 | -67.66 | -63.06 | 0.59 | 10.48 | V |
| | 2792 | -53.01 | -13.00 | -40.01 | -68.62 | -63.28 | 0.70 | 10.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1413 | -53.78 | -13.00 | -40.78 | -66.22 | -62.06 | 0.50 | 8.78 | H |
| | 2120 | -43.60 | -13.00 | -30.60 | -58.13 | -53.50 | 0.59 | 10.50 | H |
| | 2824 | -53.16 | -13.00 | -40.16 | -68.41 | -63.45 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1413 | -54.69 | -13.00 | -41.69 | -66.05 | -62.97 | 0.50 | 8.78 | V |
| | 2120 | -48.36 | -13.00 | -35.36 | -63.20 | -58.26 | 0.59 | 10.50 | V |
| | 2824 | -52.61 | -13.00 | -39.61 | -68.25 | -62.90 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|--------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1432 | -53.83 | -13.00 | -40.83 | -66.16 | -62.22 | 0.50 | 8.89 | H |
| | 2144 | -43.91 | -13.00 | -30.91 | -59.00 | -53.83 | 0.59 | 10.52 | H |
| | 2856 | -52.78 | -13.00 | -39.78 | -68.10 | -63.08 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1432.0 | -54.48 | -13.00 | -41.48 | -65.91 | -62.87 | 0.50 | 8.89 | V |
| | 2144.0 | -52.04 | -13.00 | -39.04 | -67.58 | -61.96 | 0.59 | 10.52 | V |
| | 2856.0 | -52.72 | -13.00 | -39.72 | -68.41 | -63.02 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 12 / 3MHz / QPSK | | | | | | | | | |
|------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1400 | -53.99 | -13.00 | -40.99 | -66.62 | -62.19 | 0.50 | 8.70 | H |
| | 2097 | -52.97 | -13.00 | -39.97 | -67.21 | -62.86 | 0.59 | 10.48 | H |
| | 2796 | -53.39 | -13.00 | -40.39 | -68.60 | -63.67 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -54.71 | -13.00 | -41.71 | -66.06 | -62.91 | 0.50 | 8.70 | V |
| | 2097 | -53.69 | -13.00 | -40.69 | -68.17 | -63.58 | 0.59 | 10.48 | V |
| | 2096 | -52.38 | -13.00 | -39.38 | -67.99 | -62.27 | 0.59 | 10.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1416 | -53.38 | -13.00 | -40.38 | -65.82 | -61.67 | 0.50 | 8.80 | H |
| | 2120 | -47.59 | -13.00 | -34.59 | -62.12 | -57.49 | 0.59 | 10.50 | H |
| | 2824 | -53.07 | -13.00 | -40.07 | -68.32 | -63.36 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -55.23 | -13.00 | -42.23 | -66.59 | -63.52 | 0.50 | 8.80 | V |
| | 2120 | -49.13 | -13.00 | -36.13 | -63.97 | -59.03 | 0.59 | 10.50 | V |
| | 2824 | -53.28 | -13.00 | -40.28 | -68.92 | -63.57 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1424 | -53.49 | -13.00 | -40.49 | -65.82 | -61.83 | 0.50 | 8.84 | H |
| | 2136 | -48.10 | -13.00 | -35.10 | -62.91 | -58.02 | 0.59 | 10.51 | H |
| | 2856 | -53.06 | -13.00 | -40.06 | -68.38 | -63.36 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1424 | -54.56 | -13.00 | -41.56 | -65.99 | -62.90 | 0.50 | 8.84 | V |
| | 2136 | -49.12 | -13.00 | -36.12 | -64.31 | -59.04 | 0.59 | 10.51 | V |
| | 2856 | -53.13 | -13.00 | -40.13 | -68.80 | -63.43 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 12 / 5MHz / QPSK | | | | | | | | | |
|------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1400 | -51.31 | -13.00 | -38.31 | -63.94 | -59.51 | 0.50 | 8.70 | H |
| | 2097 | -53.68 | -13.00 | -40.68 | -67.92 | -63.57 | 0.59 | 10.48 | H |
| | 2796 | -52.87 | -13.00 | -39.87 | -68.08 | -63.15 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -55.25 | -13.00 | -42.25 | -66.60 | -63.45 | 0.50 | 8.70 | V |
| | 2097 | -53.58 | -13.00 | -40.58 | -68.06 | -63.47 | 0.59 | 10.48 | V |
| | 2796 | -52.92 | -13.00 | -39.92 | -68.53 | -63.20 | 0.70 | 10.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1410 | -52.67 | -13.00 | -39.67 | -65.11 | -60.93 | 0.50 | 8.76 | H |
| | 2115 | -54.21 | -13.00 | -41.21 | -68.74 | -64.11 | 0.59 | 10.49 | H |
| | 2820 | -53.57 | -13.00 | -40.57 | -68.81 | -63.86 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -54.48 | -13.00 | -41.48 | -65.84 | -62.73 | 0.50 | 8.75 | V |
| | 2115 | -52.36 | -13.00 | -39.36 | -67.20 | -62.26 | 0.59 | 10.49 | V |
| | 2820 | -53.41 | -13.00 | -40.41 | -69.04 | -63.70 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1424 | -53.07 | -13.00 | -40.07 | -65.40 | -61.41 | 0.50 | 8.84 | H |
| | 2133 | -52.23 | -13.00 | -39.23 | -67.03 | -62.14 | 0.59 | 10.51 | H |
| | 2844 | -52.93 | -13.00 | -39.93 | -68.25 | -63.22 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1424 | -55.42 | -13.00 | -42.42 | -66.85 | -63.76 | 0.50 | 8.84 | V |
| | 2133 | -52.21 | -13.00 | -39.21 | -67.39 | -62.12 | 0.59 | 10.51 | V |
| | 2844 | -52.95 | -13.00 | -39.95 | -68.62 | -63.24 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1400 | -53.40 | -13.00 | -40.40 | -66.03 | -61.60 | 0.50 | 8.70 | H |
| | 2099 | -53.08 | -13.00 | -40.08 | -67.32 | -62.97 | 0.59 | 10.48 | H |
| | 2798 | -52.93 | -13.00 | -39.93 | -68.14 | -63.21 | 0.70 | 10.98 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1400 | -55.00 | -13.00 | -42.00 | -66.35 | -63.20 | 0.50 | 8.70 | V |
| | 2099 | -53.94 | -13.00 | -40.94 | -68.42 | -63.83 | 0.59 | 10.48 | V |
| | 2798 | -52.41 | -13.00 | -39.41 | -68.02 | -62.69 | 0.70 | 10.98 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1408 | -54.24 | -13.00 | -41.24 | -66.68 | -62.49 | 0.50 | 8.75 | H |
| | 2109 | -51.43 | -13.00 | -38.43 | -65.96 | -61.33 | 0.59 | 10.49 | H |
| | 2812 | -54.12 | -13.00 | -41.12 | -69.36 | -64.40 | 0.70 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -55.37 | -13.00 | -42.37 | -66.73 | -63.62 | 0.50 | 8.75 | V |
| | 2109 | -53.17 | -13.00 | -40.17 | -68.01 | -63.07 | 0.59 | 10.49 | V |
| | 2812 | -52.43 | -13.00 | -39.43 | -68.06 | -62.71 | 0.70 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1416 | -52.54 | -13.00 | -39.54 | -64.99 | -60.83 | 0.50 | 8.80 | H |
| | 2120 | -52.61 | -13.00 | -39.61 | -67.14 | -62.51 | 0.59 | 10.50 | H |
| | 2826 | -53.78 | -13.00 | -40.78 | -69.07 | -64.07 | 0.71 | 11.00 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -54.35 | -13.00 | -41.35 | -65.71 | -62.64 | 0.50 | 8.80 | V |
| | 2120 | -53.29 | -13.00 | -40.29 | -68.13 | -63.19 | 0.59 | 10.50 | V |
| | 2826 | -52.72 | -13.00 | -39.72 | -68.37 | -63.01 | 0.71 | 11.00 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 13

| LTE Band 13 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1560 | -58.28 | -42.15 | -16.13 | -67.38 | -65.05 | 0.51 | 9.43 | H |
| | 2336 | -55.90 | -13 | -42.90 | -68.86 | -63.80 | 0.62 | 10.67 | H |
| | 3120 | -54.04 | -13 | -41.04 | -68.29 | -62.61 | 0.74 | 11.46 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1560 | -58.50 | -42.15 | -16.35 | -67.44 | -65.27 | 0.51 | 9.43 | V |
| | 2336 | -55.11 | -13 | -42.11 | -68.59 | -63.01 | 0.62 | 10.67 | V |
| | 3120 | -54.93 | -13 | -41.93 | -69.22 | -63.50 | 0.74 | 11.46 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1560 | -57.45 | -42.15 | -15.30 | -66.55 | -64.22 | 0.51 | 9.43 | H |
| | 2344 | -55.45 | -13 | -42.45 | -68.32 | -63.35 | 0.62 | 10.68 | H |
| | 3128 | -54.15 | -13 | -41.15 | -68.40 | -62.74 | 0.74 | 11.48 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1560 | -58.15 | -42.15 | -16.00 | -67.09 | -64.92 | 0.51 | 9.43 | V |
| | 2344 | -55.15 | -13 | -42.15 | -68.52 | -63.05 | 0.62 | 10.68 | V |
| | 3128 | -54.31 | -13 | -41.31 | -68.60 | -62.90 | 0.74 | 11.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1568 | -58.81 | -42.15 | -16.66 | -67.78 | -65.59 | 0.52 | 9.45 | H |
| | 2352 | -54.99 | -13 | -41.99 | -67.84 | -62.90 | 0.63 | 10.68 | H |
| | 3136 | -55.09 | -13 | -42.09 | -69.45 | -63.70 | 0.74 | 11.51 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1568 | -57.61 | -42.15 | -15.46 | -66.42 | -64.39 | 0.52 | 9.45 | V |
| | 2352 | -54.84 | -13 | -41.84 | -68.19 | -62.75 | 0.63 | 10.68 | V |
| | 3136 | -54.70 | -13 | -41.70 | -69.07 | -63.31 | 0.74 | 11.51 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 13 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (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 | 1564 | -58.15 | -42.15 | -16.00 | -67.25 | -64.93 | 0.52 | 9.44 | H |
| | 2344 | -55.96 | -13 | -42.96 | -68.83 | -63.86 | 0.62 | 10.68 | H |
| | 3128 | -54.06 | -13 | -41.06 | -68.34 | -62.65 | 0.74 | 11.48 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1564 | -58.23 | -42.15 | -16.08 | -67.23 | -65.01 | 0.52 | 9.44 | V |
| | 2344 | -54.90 | -13 | -41.90 | -68.27 | -62.8 | 0.62 | 10.68 | V |
| | 3128 | -54.14 | -13 | -41.14 | -68.43 | -62.73 | 0.74 | 11.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 13 / 5MHz / QPSK / RB Size 25 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1560 | -56.13 | -40.00 | -16.13 | -67.38 | -65.05 | 0.51 | 9.43 | H |
| | 2336 | -53.75 | -13.00 | -40.75 | -68.86 | -63.80 | 0.62 | 10.67 | H |
| | 3120 | -51.89 | -13.00 | -38.89 | -68.29 | -62.61 | 0.74 | 11.46 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1560 | -56.35 | -40.00 | -16.35 | -67.44 | -65.27 | 0.51 | 9.43 | V |
| | 2336 | -52.96 | -13.00 | -39.96 | -68.59 | -63.01 | 0.62 | 10.67 | V |
| | 3120 | -52.78 | -13.00 | -39.78 | -69.22 | -63.50 | 0.74 | 11.46 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1560 | -55.30 | -40 | -15.30 | -66.55 | -64.22 | 0.51 | 9.43 | H |
| | 2344 | -53.30 | -13 | -40.30 | -68.32 | -63.35 | 0.62 | 10.68 | H |
| | 3128 | -52.00 | -13 | -39.00 | -68.40 | -62.74 | 0.74 | 11.48 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1560 | -56.00 | -40 | -16.00 | -67.09 | -64.92 | 0.51 | 9.43 | V |
| | 2344 | -53.00 | -13 | -40.00 | -68.52 | -63.05 | 0.62 | 10.68 | V |
| | 3128 | -52.16 | -13 | -39.16 | -68.60 | -62.90 | 0.74 | 11.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1568 | -56.66 | -40 | -16.66 | -67.78 | -65.59 | 0.52 | 9.45 | H |
| | 2352 | -52.84 | -13 | -39.84 | -67.84 | -62.90 | 0.63 | 10.68 | H |
| | 3136 | -52.94 | -13 | -39.94 | -69.45 | -63.70 | 0.74 | 11.51 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1568 | -55.46 | -40 | -15.46 | -66.42 | -64.39 | 0.52 | 9.45 | V |
| | 2352 | -52.69 | -13 | -39.69 | -68.19 | -62.75 | 0.63 | 10.68 | V |
| | 3136 | -52.55 | -13 | -39.55 | -69.07 | -63.31 | 0.74 | 11.51 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 13 / 10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1564 | -56.00 | -40 | -16.00 | -67.25 | -64.93 | 0.52 | 9.44 | H |
| | 2344 | -53.81 | -13 | -40.81 | -68.83 | -63.86 | 0.62 | 10.68 | H |
| | 3128 | -51.91 | -13 | -38.91 | -68.34 | -62.65 | 0.74 | 11.48 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1564 | -56.08 | -40 | -16.08 | -67.23 | -65.01 | 0.52 | 9.44 | V |
| | 2344 | -52.75 | -13 | -39.75 | -68.27 | -62.80 | 0.62 | 10.68 | V |
| | 3128 | -51.99 | -13 | -38.99 | -68.43 | -62.73 | 0.74 | 11.48 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 17

| LTE Band 17 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1408 | -56.20 | -13 | -43.20 | -66.49 | -62.30 | 0.50 | 8.75 | H |
| | 2112 | -55.41 | -13 | -42.41 | -67.80 | -63.16 | 0.59 | 10.49 | H |
| | 2816 | -55.38 | -13 | -42.38 | -68.47 | -63.51 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -57.45 | -13 | -44.45 | -66.66 | -63.55 | 0.50 | 8.75 | V |
| | 2112 | -55.08 | -13 | -42.08 | -67.78 | -62.83 | 0.59 | 10.49 | V |
| | 2816 | -55.15 | -13 | -42.15 | -68.63 | -63.28 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1416 | -55.41 | -13 | -42.41 | -65.70 | -61.55 | 0.50 | 8.80 | H |
| | 2120 | -54.34 | -13 | -41.34 | -66.72 | -62.09 | 0.59 | 10.50 | H |
| | 2832 | -55.52 | -13 | -42.52 | -68.66 | -63.66 | 0.71 | 11.00 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -57.60 | -13 | -44.60 | -66.81 | -63.74 | 0.50 | 8.80 | V |
| | 2120 | -55.05 | -13 | -42.05 | -67.74 | -62.80 | 0.59 | 10.50 | V |
| | 2382 | -54.58 | -13 | -41.58 | -68.08 | -62.50 | 0.63 | 10.71 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1424 | -56.69 | -13 | -43.69 | -66.87 | -62.88 | 0.50 | 8.84 | H |
| | 2136 | -54.96 | -13 | -41.96 | -67.62 | -62.73 | 0.59 | 10.51 | H |
| | 2848 | -54.28 | -13 | -41.28 | -67.44 | -62.43 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1424 | -57.65 | -13 | -44.65 | -66.93 | -63.84 | 0.50 | 8.84 | V |
| | 2136 | -55.51 | -13 | -42.51 | -68.55 | -63.28 | 0.59 | 10.51 | V |
| | 2848 | -55.28 | -13 | -42.28 | -68.79 | -63.43 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 17 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1408 | -55.81 | -13 | -42.81 | -66.10 | -61.91 | 0.50 | 8.75 | H |
| | 2112 | -55.33 | -13 | -42.33 | -67.72 | -63.08 | 0.59 | 10.49 | H |
| | 2816 | -54.08 | -13 | -41.08 | -67.17 | -62.21 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -57.09 | -13 | -44.09 | -66.30 | -63.19 | 0.50 | 8.75 | V |
| | 2112 | -55.94 | -13 | -42.94 | -67.64 | -63.69 | 0.59 | 10.49 | V |
| | 2816 | -55.48 | -13 | -42.48 | -68.96 | -63.61 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1416 | -56.58 | -13 | -43.58 | -66.87 | -62.72 | 0.50 | 8.80 | H |
| | 2120 | -46.45 | -13 | -33.45 | -58.83 | -54.20 | 0.59 | 10.50 | H |
| | 2824 | -55.62 | -13 | -42.62 | -68.72 | -63.76 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -57.73 | -13 | -44.73 | -66.94 | -63.87 | 0.50 | 8.80 | V |
| | 2120 | -50.42 | -13 | -37.42 | -63.11 | -58.17 | 0.59 | 10.50 | V |
| | 2824 | -54.81 | -13 | -41.81 | -68.30 | -62.95 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1416 | -56.43 | -13 | -43.43 | -66.72 | -62.57 | 0.50 | 8.80 | H |
| | 2120 | -54.42 | -13 | -41.42 | -66.80 | -62.17 | 0.59 | 10.50 | H |
| | 2824 | -55.82 | -13 | -42.82 | -68.92 | -63.96 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -57.49 | -13 | -44.49 | -66.70 | -63.63 | 0.50 | 8.80 | V |
| | 2120 | -54.11 | -13 | -41.11 | -66.80 | -61.86 | 0.59 | 10.50 | V |
| | 2824 | -55.54 | -13 | -42.54 | -69.03 | -63.68 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 17 / 5MHz / QPSK | | | | | | | | | |
|------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1408 | -54.05 | -13.00 | -41.05 | -66.49 | -62.30 | 0.50 | 8.75 | H |
| | 2112 | -53.26 | -13.00 | -40.26 | -67.80 | -63.16 | 0.59 | 10.49 | H |
| | 2816 | -53.23 | -13.00 | -40.23 | -68.47 | -63.51 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -55.30 | -13.00 | -42.30 | -66.66 | -63.55 | 0.50 | 8.75 | V |
| | 2112 | -52.93 | -13.00 | -39.93 | -67.78 | -62.83 | 0.59 | 10.49 | V |
| | 2816 | -53.00 | -13.00 | -40.00 | -68.63 | -63.28 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1416 | -53.26 | -13 | -40.26 | -65.70 | -61.55 | 0.50 | 8.80 | H |
| | 2120 | -52.19 | -13 | -39.19 | -66.72 | -62.09 | 0.59 | 10.50 | H |
| | 2832 | -53.37 | -13 | -40.37 | -68.66 | -63.66 | 0.71 | 11.00 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -55.45 | -13 | -42.45 | -66.81 | -63.74 | 0.50 | 8.80 | V |
| | 2120 | -52.90 | -13 | -39.90 | -67.74 | -62.80 | 0.59 | 10.50 | V |
| | 2382 | -52.43 | -13 | -39.43 | -68.08 | -62.50 | 0.63 | 10.71 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1424 | -54.54 | -13 | -41.54 | -66.87 | -62.88 | 0.50 | 8.84 | H |
| | 2136 | -52.81 | -13 | -39.81 | -67.62 | -62.73 | 0.59 | 10.51 | H |
| | 2848 | -52.13 | -13 | -39.13 | -67.44 | -62.43 | 0.71 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1424 | -55.50 | -13 | -42.50 | -66.93 | -63.84 | 0.50 | 8.84 | V |
| | 2136 | -53.36 | -13 | -40.36 | -68.55 | -63.28 | 0.59 | 10.51 | V |
| | 2848 | -53.13 | -13 | -40.13 | -68.79 | -63.43 | 0.71 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| IC LTE Band 17 / 10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 1408 | -53.66 | -13 | -40.66 | -66.10 | -61.91 | 0.50 | 8.75 | H |
| | 2112 | -53.18 | -13 | -40.18 | -67.72 | -63.08 | 0.59 | 10.49 | H |
| | 2816 | -51.93 | -13 | -38.93 | -67.17 | -62.21 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1408 | -54.94 | -13 | -41.94 | -66.30 | -63.19 | 0.50 | 8.75 | V |
| | 2112 | -53.79 | -13 | -40.79 | -67.64 | -63.69 | 0.59 | 10.49 | V |
| | 2816 | -53.33 | -13 | -40.33 | -68.96 | -63.61 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1416 | -54.43 | -13 | -41.43 | -66.87 | -62.72 | 0.50 | 8.80 | H |
| | 2120 | -44.30 | -13 | -31.30 | -58.83 | -54.20 | 0.59 | 10.50 | H |
| | 2824 | -53.47 | -13 | -40.47 | -68.72 | -63.76 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -55.58 | -13 | -42.58 | -66.94 | -63.87 | 0.50 | 8.80 | V |
| | 2120 | -48.27 | -13 | -35.27 | -63.11 | -58.17 | 0.59 | 10.50 | V |
| | 2824 | -52.66 | -13 | -39.66 | -68.30 | -62.95 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1416 | -54.28 | -13 | -41.28 | -66.72 | -62.57 | 0.50 | 8.80 | H |
| | 2120 | -52.27 | -13 | -39.27 | -66.80 | -62.17 | 0.59 | 10.50 | H |
| | 2824 | -53.67 | -13 | -40.67 | -68.92 | -63.96 | 0.71 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1416 | -55.34 | -13 | -42.34 | -66.70 | -63.63 | 0.50 | 8.80 | V |
| | 2120 | -51.96 | -13 | -38.96 | -66.80 | -61.86 | 0.59 | 10.50 | V |
| | 2824 | -53.39 | -13 | -40.39 | -69.03 | -63.68 | 0.71 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66

| LTE Band 66 / 1.4MHz / 16QAM | | | | | | | | | | |
|------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|---|
| 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) | |
| Lowest | 3420 | -49.66 | -13 | -36.66 | -64.6 | -61.25 | 0.77 | 12.36 | H | |
| | 5130 | -43.45 | -13 | -30.45 | -61.66 | -54.94 | 0.97 | 12.46 | H | |
| | 6840 | -34.96 | -13 | -21.96 | -56.45 | -45.81 | 0.81 | 11.65 | H | |
| | 8550 | -42.16 | -13 | -29.16 | -67.22 | -52.77 | 1.36 | 11.97 | H | |
| | | | | | | | | | | H |
| | | | | | | | | | | H |
| | | | | | | | | | | H |
| | 3420 | -49.35 | -13 | -36.35 | -64.39 | -60.94 | 0.77 | 12.36 | V | |
| | 5130 | -47.79 | -13 | -34.79 | -66.63 | -59.28 | 0.97 | 12.46 | V | |
| | 6840 | -28.81 | -13 | -15.81 | -50.43 | -39.66 | 0.81 | 11.65 | V | |
| | 8550 | -34.47 | -13 | -21.47 | -59.1 | -45.08 | 1.36 | 11.97 | V | |
| | | | | | | | | | | V |
| | | | | | | | | | | V |
| | | | | | | | | | | V |
| Middle | 3492 | -50.11 | -13 | -37.11 | -65.96 | -61.91 | 0.78 | 12.58 | H | |
| | 5232 | -47.21 | -13 | -34.21 | -65.71 | -58.87 | 1.00 | 12.66 | H | |
| | 6978 | -39.12 | -13 | -26.12 | -60.81 | -49.35 | 1.11 | 11.35 | H | |
| | 8724 | -41.39 | -13 | -28.39 | -67.49 | -52.21 | 1.40 | 12.21 | H | |
| | | | | | | | | | | H |
| | | | | | | | | | | H |
| | | | | | | | | | | H |
| | 3492 | -48.01 | -13 | -35.01 | -63.99 | -59.81 | 0.78 | 12.58 | V | |
| | 5232 | -47.80 | -13 | -34.80 | -66.94 | -59.46 | 1.00 | 12.66 | V | |
| | 6978 | -28.16 | -13 | -15.16 | -49.88 | -38.39 | 1.11 | 11.35 | V | |
| | 8724 | -35.57 | -13 | -22.57 | -61.3 | -46.39 | 1.40 | 12.21 | V | |
| | | | | | | | | | | V |
| | | | | | | | | | | V |
| | | | | | | | | | | V |



| | | | | | | | | | |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3558 | -49.59 | -13 | -36.59 | -65.52 | -61.38 | 0.78 | 12.58 | H |
| | 5334 | -47.43 | -13 | -34.43 | -66.26 | -59.25 | 1.04 | 12.87 | H |
| | 7116 | -43.08 | -13 | -30.08 | -64.86 | -52.99 | 1.18 | 11.09 | H |
| | 8892 | -39.51 | -13 | -26.51 | -66.09 | -50.6 | 1.36 | 12.45 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3558 | -50.06 | -13 | -37.06 | -66.07 | -61.85 | 0.78 | 12.58 | V |
| | 5334 | -46.28 | -13 | -33.28 | -65.88 | -58.1 | 1.04 | 12.87 | V |
| | 7116 | -30.32 | -13 | -17.32 | -52.19 | -40.23 | 1.18 | 11.09 | V |
| | 8892 | -36.61 | -13 | -23.61 | -62.76 | -47.7 | 1.36 | 12.45 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 66 / 3MHz / 16QAM | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest | 3420 | -47.89 | -13 | -34.89 | -62.83 | -59.48 | 0.77 | 12.36 | H |
| | 5130 | -41.94 | -13 | -28.94 | -60.15 | -53.43 | 0.97 | 12.46 | H |
| | 6840 | -39.09 | -13 | -26.09 | -60.58 | -49.94 | 0.81 | 11.65 | H |
| | 8550 | -42.70 | -13 | -29.70 | -67.76 | -53.31 | 1.36 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -50.08 | -13 | -37.08 | -65.12 | -61.67 | 0.77 | 12.36 | V |
| | 5130 | -46.51 | -13 | -33.51 | -65.35 | -58 | 0.97 | 12.46 | V |
| | 6840 | -27.33 | -13 | -14.33 | -48.95 | -38.18 | 0.81 | 11.65 | V |
| | 8550 | -34.05 | -13 | -21.05 | -58.68 | -44.66 | 1.36 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3486 | -49.06 | -13 | -36.06 | -64.68 | -60.84 | 0.78 | 12.56 | H |
| | 5232 | -45.38 | -13 | -32.38 | -63.88 | -57.04 | 1.00 | 12.66 | H |
| | 6972 | -38.55 | -13 | -25.55 | -60.21 | -48.81 | 1.10 | 11.36 | H |
| | 8718 | -41.16 | -13 | -28.16 | -67.19 | -51.97 | 1.40 | 12.21 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3486 | -48.60 | -13 | -35.60 | -64.34 | -60.38 | 0.78 | 12.56 | V |
| | 5232 | -49.51 | -13 | -36.51 | -68.65 | -61.17 | 1.00 | 12.66 | V |
| | 6972 | -28.95 | -13 | -15.95 | -50.65 | -39.21 | 1.10 | 11.36 | V |
| | 8718 | -35.52 | -13 | -22.52 | -61.17 | -46.33 | 1.40 | 12.21 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |