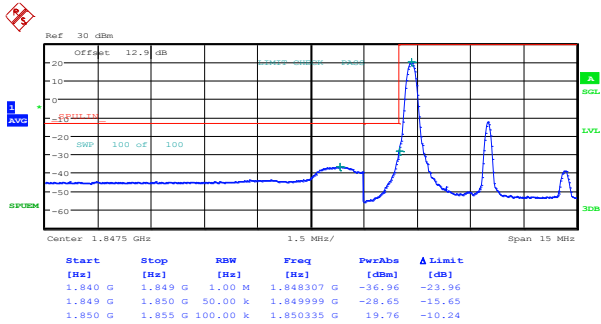




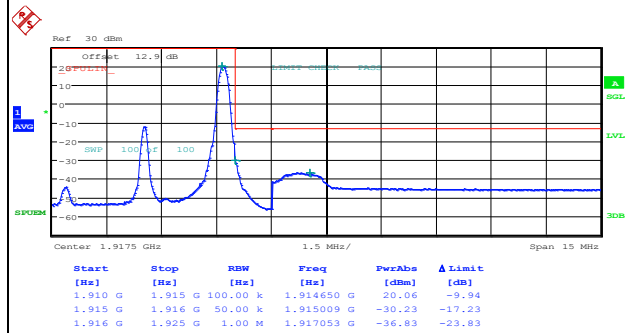
## LTE Band 25 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



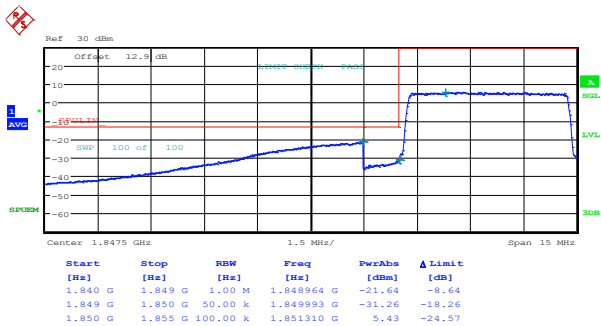
Date: 17.JUL.2014 21:28:14

## Highest Band Edge / 1 RB



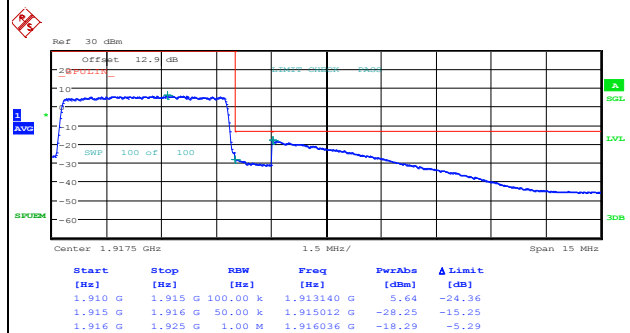
Date: 18.JUL.2014 14:10:34

## Lowest Band Edge / Full RB



Date: 17.JUL.2014 21:29:45

## Highest Band Edge / Full RB



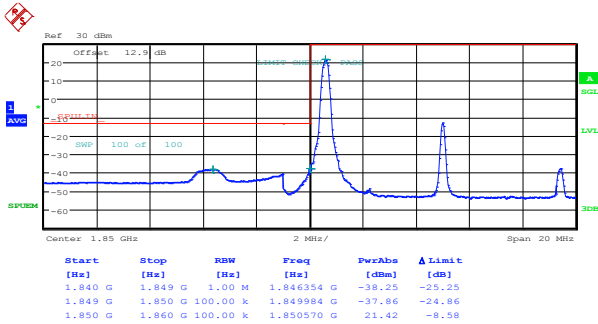
Date: 18.JUL.2014 14:09:38



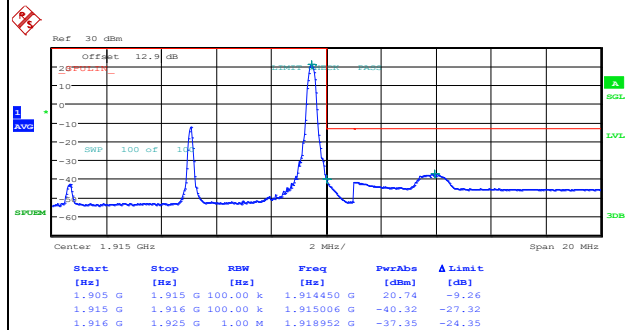
## LTE Band 25 / 10MHz / QPSK

## Lowest Band Edge / 1 RB

## Highest Band Edge / 1 RB



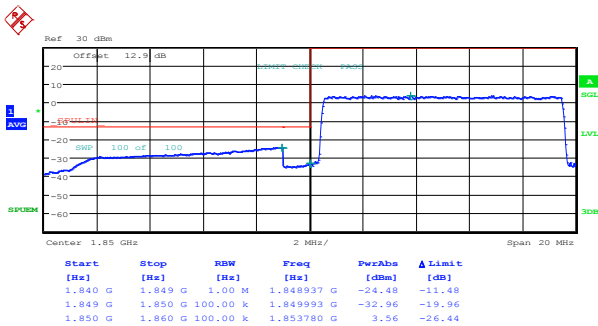
Date: 17.JUL.2014 21:42:29



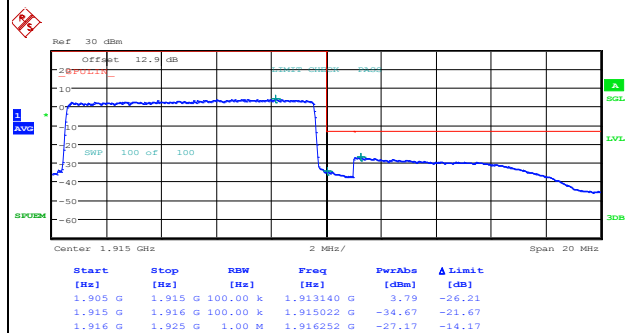
Date: 18.JUL.2014 14:19:24

## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB



Date: 17.JUL.2014 21:44:00

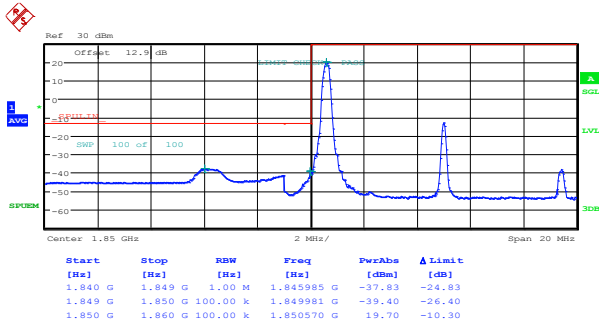


Date: 18.JUL.2014 14:16:36



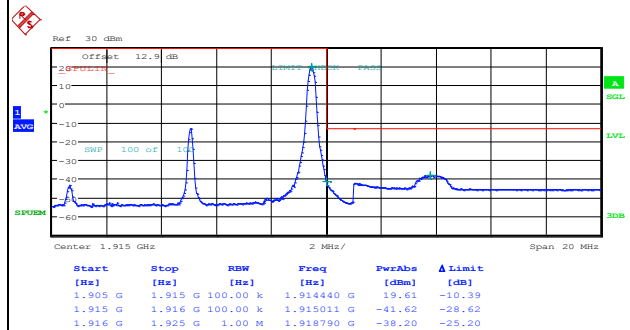
## LTE Band 25 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



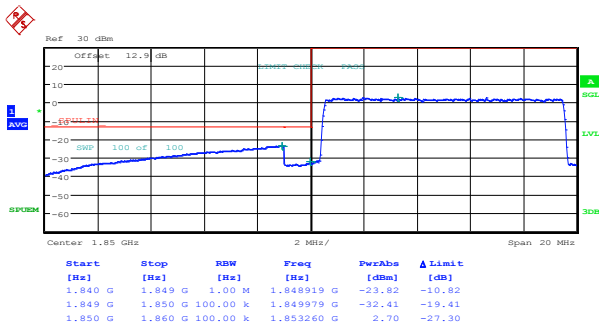
Date: 17.JUL.2014 21:43:14

## Highest Band Edge / 1 RB



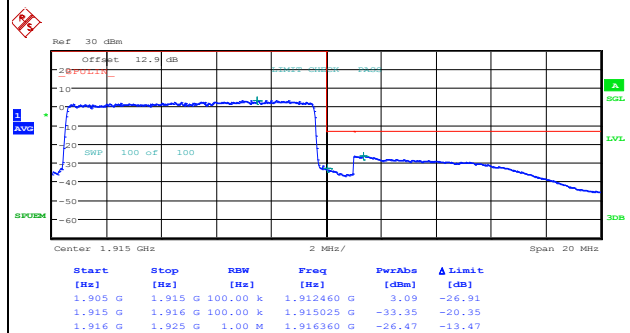
Date: 18.JUL.2014 14:18:28

## Lowest Band Edge / Full RB



Date: 17.JUL.2014 21:44:45

## Highest Band Edge / Full RB

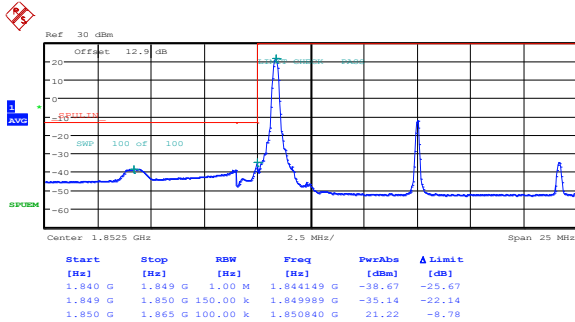


Date: 18.JUL.2014 14:17:32



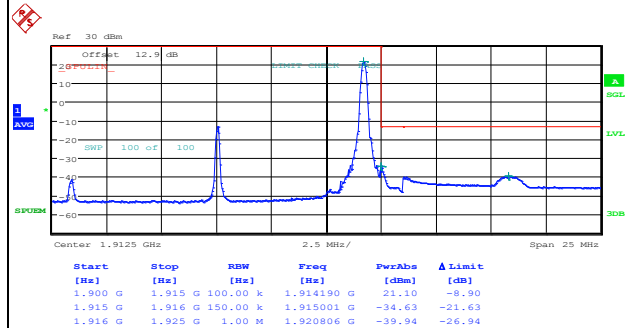
## LTE Band 25 / 15MHz / QPSK

## Lowest Band Edge / 1 RB



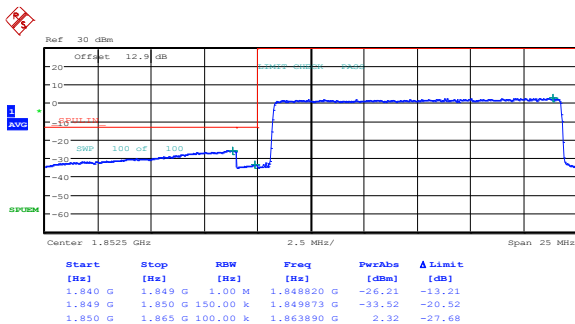
Date: 17.JUL.2014 21:57:29

## Highest Band Edge / 1 RB



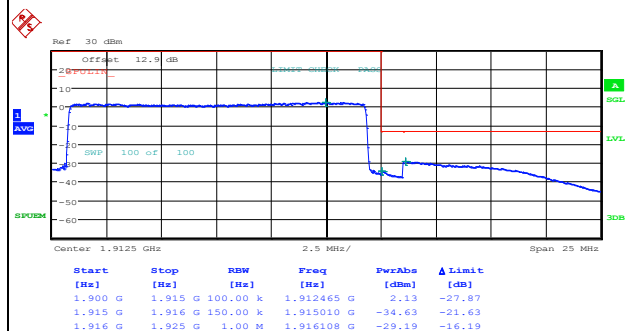
Date: 18.JUL.2014 14:27:14

## Lowest Band Edge / Full RB



Date: 17.JUL.2014 21:59:00

## Highest Band Edge / Full RB

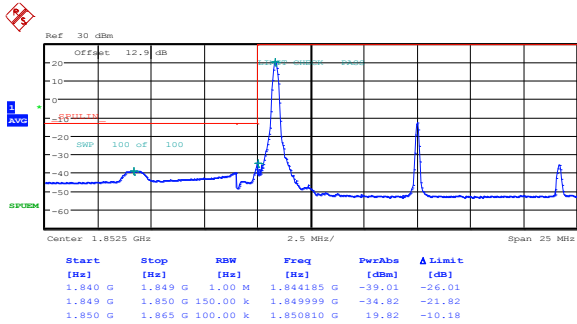


Date: 18.JUL.2014 14:24:26



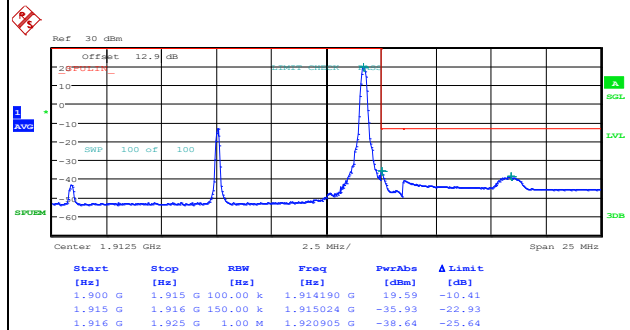
## LTE Band 25 / 15MHz / 16QAM

## Lowest Band Edge / 1 RB



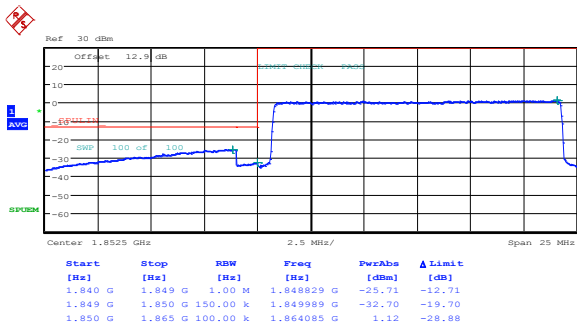
Date: 17.JUL.2014 21:58:14

## Highest Band Edge / 1 RB



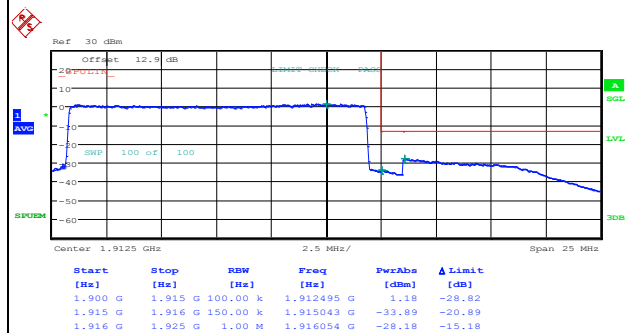
Date: 18.JUL.2014 14:26:18

## Lowest Band Edge / Full RB



Date: 17.JUL.2014 21:59:45

## Highest Band Edge / Full RB

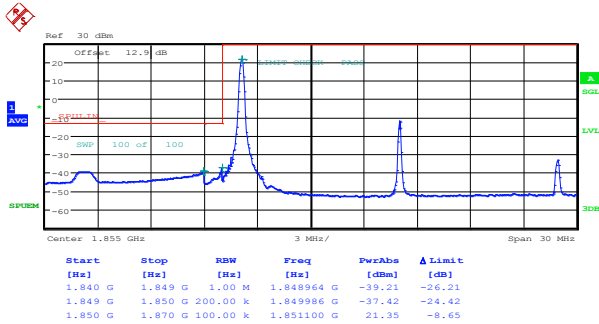


Date: 18.JUL.2014 14:25:22



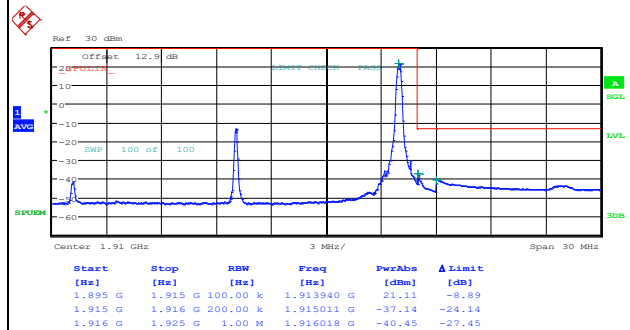
## LTE Band 25 / 20MHz / QPSK

## Lowest Band Edge / 1 RB



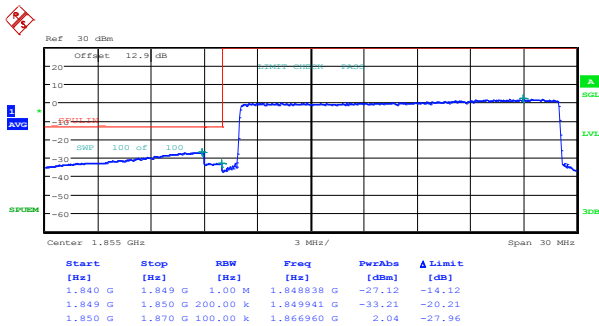
Date: 17.JUL.2014 22:12:30

## Highest Band Edge / 1 RB



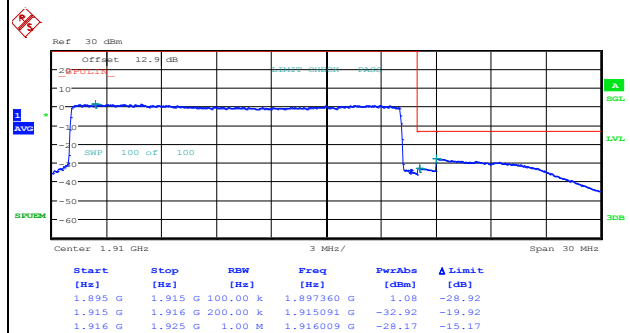
Date: 18.JUL.2014 14:35:03

## Lowest Band Edge / Full RB



Date: 17.JUL.2014 22:14:00

## Highest Band Edge / Full RB

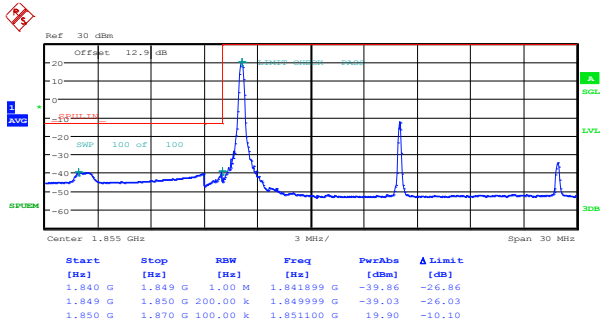


Date: 18.JUL.2014 14:32:15



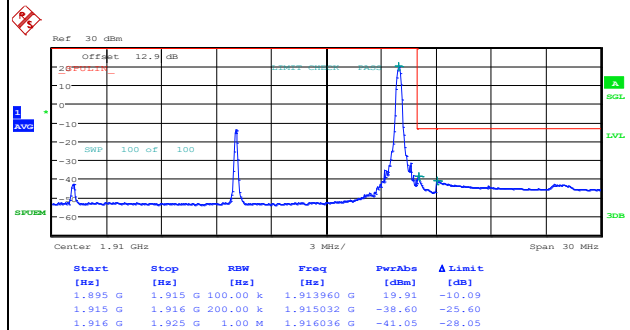
## LTE Band 25 / 20MHz / 16QAM

## Lowest Band Edge / 1 RB



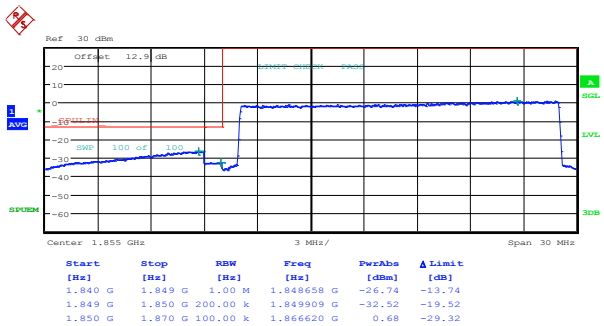
Date: 17.JUL.2014 22:13:15

## Highest Band Edge / 1 RB



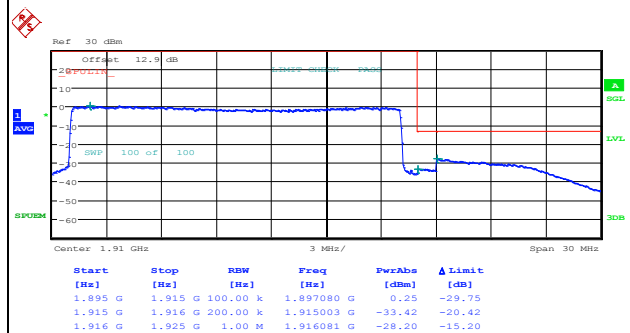
Date: 18.JUL.2014 14:34:07

## Lowest Band Edge / Full RB



Date: 17.JUL.2014 22:14:46

## Highest Band Edge / Full RB



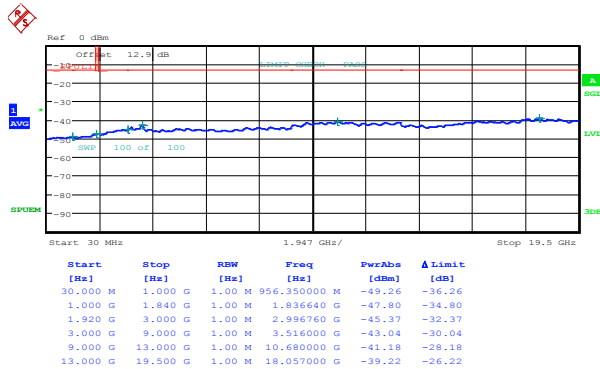
Date: 18.JUL.2014 14:33:11



## Conducted Spurious Emission

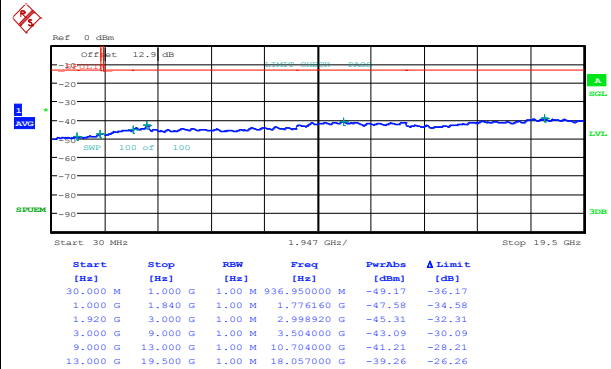
### LTE Band 2 / 1.4MHz

#### Lowest Channel / QPSK



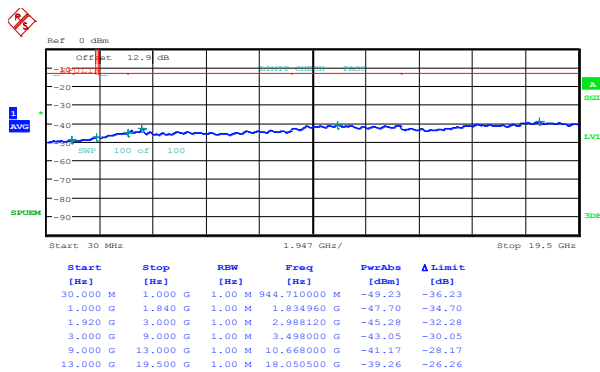
Date: 17.JUL.2014 21:00:41

#### Lowest Channel / 16QAM



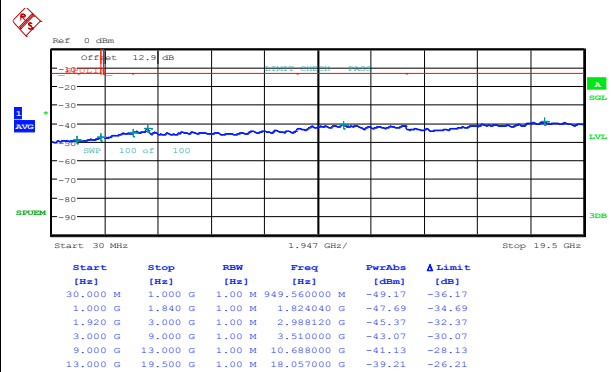
Date: 17.JUL.2014 21:01:40

#### Middle Channel / QPSK



Date: 17.JUL.2014 21:03:39

#### Middle Channel / 16QAM

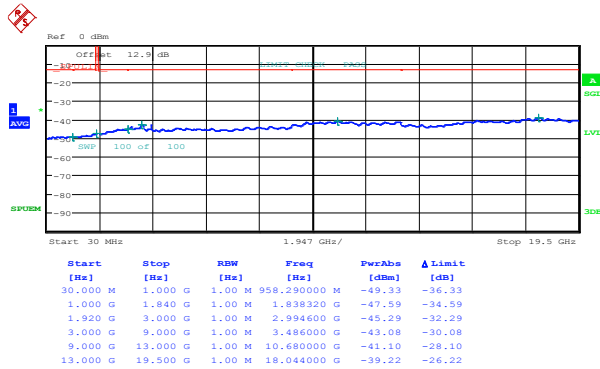


Date: 17.JUL.2014 21:04:37



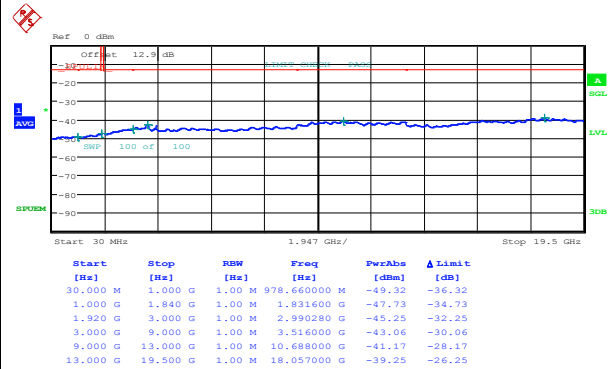
## LTE Band 2 / 1.4MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 21:09:38

## Highest Channel / 16QAM

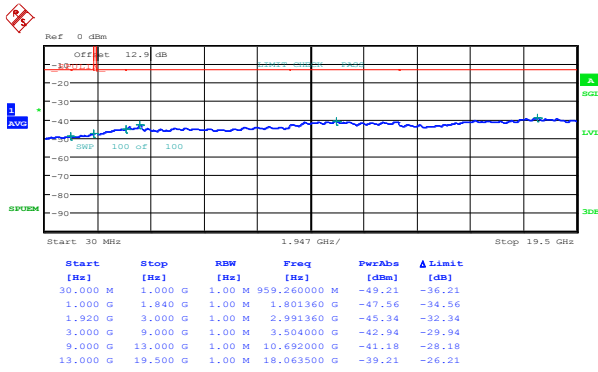


Date: 17.JUL.2014 21:10:36



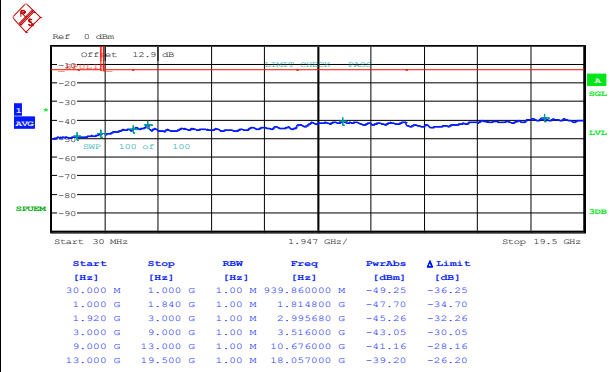
## LTE Band 2 / 3MHz

## Lowest Channel / QPSK



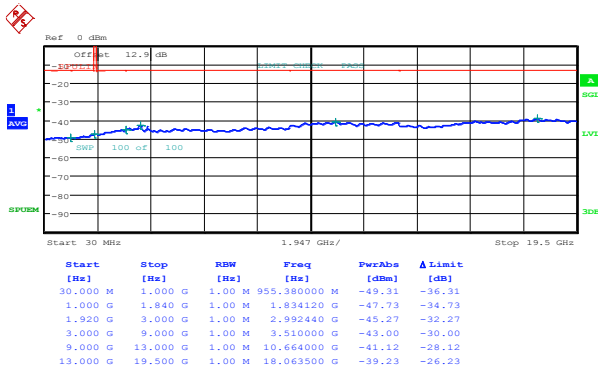
Date: 17.JUL.2014 21:15:41

## Lowest Channel / 16QAM



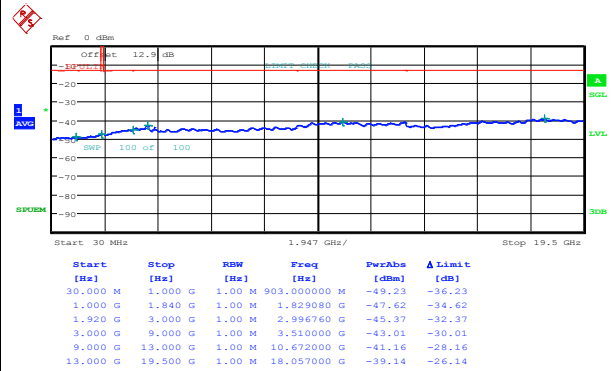
Date: 17.JUL.2014 21:16:40

## Middle Channel / QPSK



Date: 17.JUL.2014 21:18:39

## Middle Channel / 16QAM



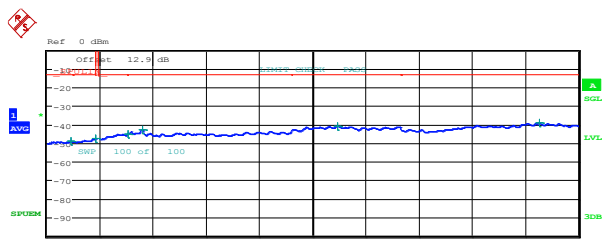
Date: 17.JUL.2014 21:19:38



## LTE Band 2 / 3MHz

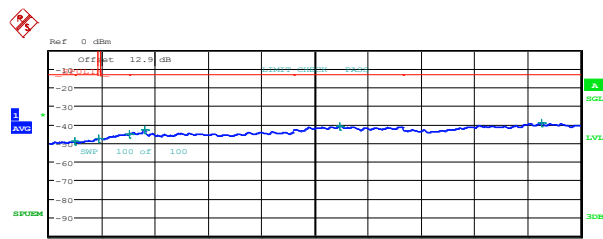
## Highest Channel / QPSK

## Highest Channel / 16QAM



Start 30 MHz 1.947 GHz/ Stop 19.5 GHz

| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 914.640000 M | -49.29 | -36.29 |
| 1.000 G  | 1.840 G  | 1.00 M | 1.819840 G   | -47.58 | -34.58 |
| 1.920 G  | 3.000 G  | 1.00 M | 2.997840 G   | -45.23 | -32.23 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.510000 G   | -43.01 | -30.01 |
| 9.000 G  | 13.000 G | 1.00 M | 10.672000 G  | -41.06 | -28.06 |
| 13.000 G | 19.500 G | 1.00 M | 18.063500 G  | -39.19 | -26.19 |



Start 30 MHz 1.947 GHz/ Stop 19.5 GHz

| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 958.290000 M | -45.24 | -36.24 |
| 1.000 G  | 1.840 G  | 1.00 M | 1.830760 G   | -47.77 | -34.77 |
| 1.920 G  | 3.000 G  | 1.00 M | 2.974080 G   | -45.38 | -32.38 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.522000 G   | -43.04 | -30.04 |
| 9.000 G  | 13.000 G | 1.00 M | 10.680000 G  | -41.06 | -28.06 |
| 13.000 G | 19.500 G | 1.00 M | 18.063500 G  | -39.19 | -26.19 |

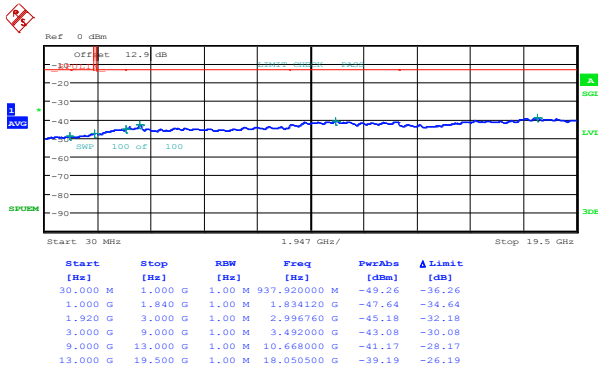
Date: 17.JUL.2014 21:24:40

Date: 17.JUL.2014 21:25:38



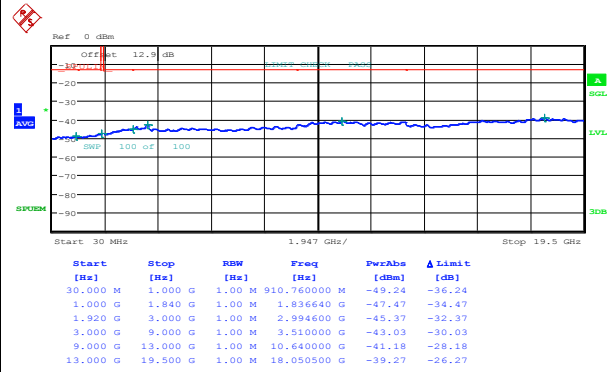
## LTE Band 2 / 5MHz

## Lowest Channel / QPSK



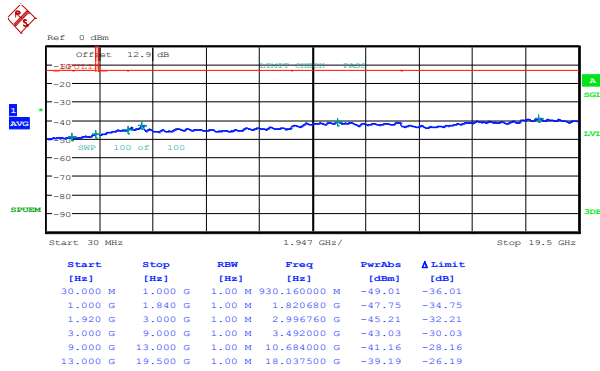
Date: 17.JUL.2014 21:30:44

## Lowest Channel / 16QAM



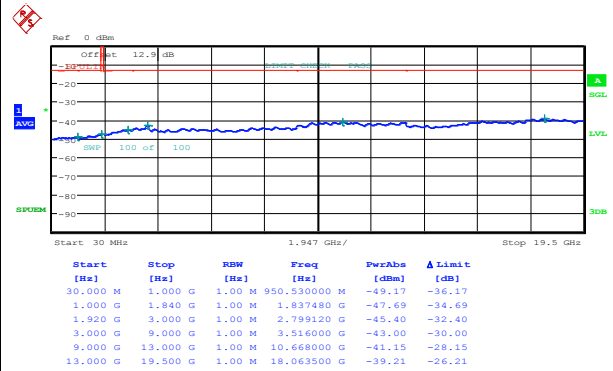
Date: 17.JUL.2014 21:31:42

## Middle Channel / QPSK



Date: 17.JUL.2014 21:33:41

## Middle Channel / 16QAM

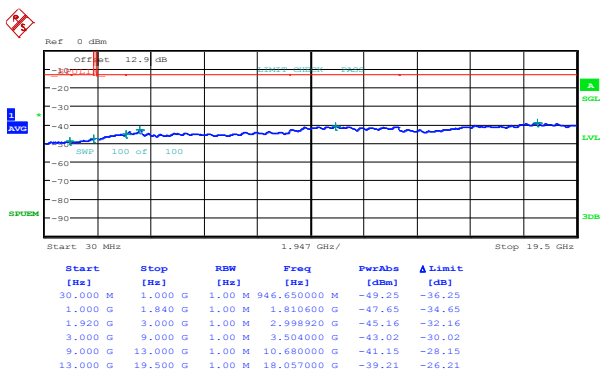


Date: 17.JUL.2014 21:34:39



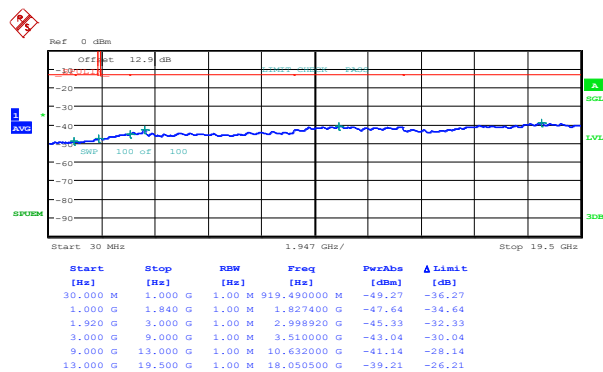
## LTE Band 2 / 5MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 21:39:40

## Highest Channel / 16QAM

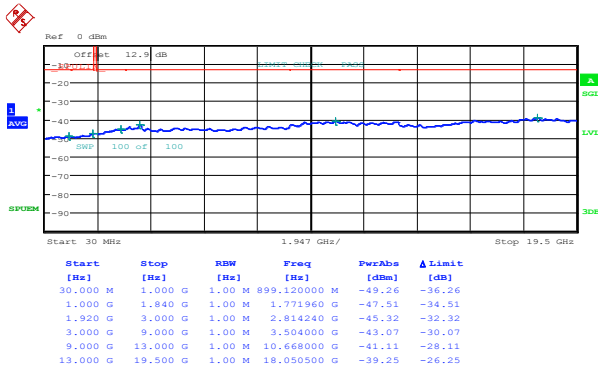


Date: 17.JUL.2014 21:40:39



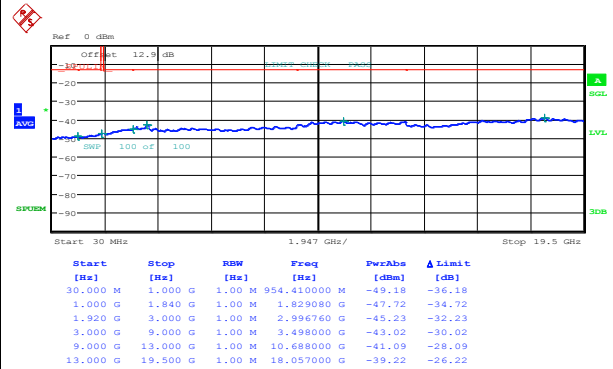
## LTE Band 2 / 10MHz

## Lowest Channel / QPSK



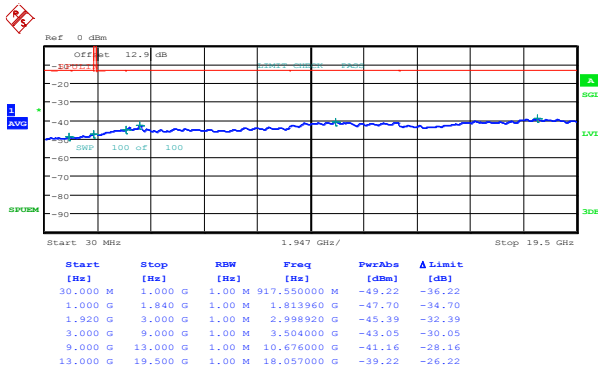
Date: 17.JUL.2014 21:45:43

## Lowest Channel / 16QAM



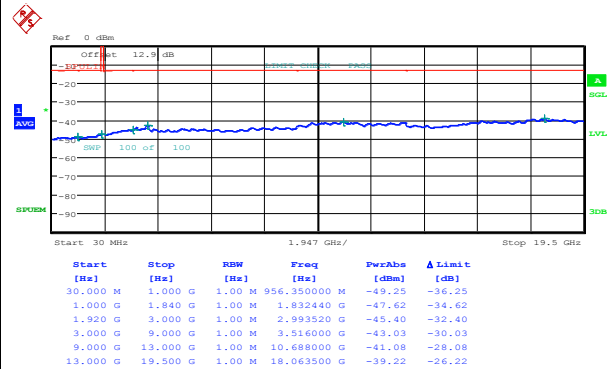
Date: 17.JUL.2014 21:46:42

## Middle Channel / QPSK



Date: 17.JUL.2014 21:48:41

## Middle Channel / 16QAM

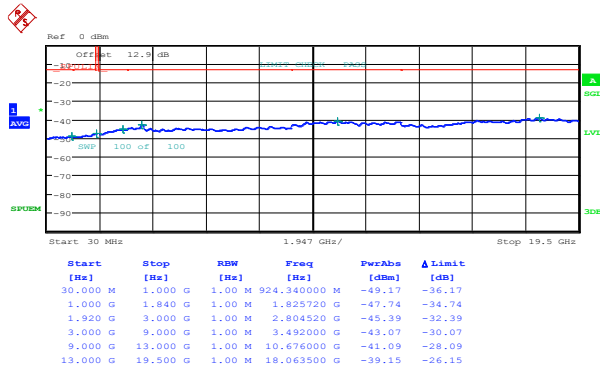


Date: 17.JUL.2014 21:49:39



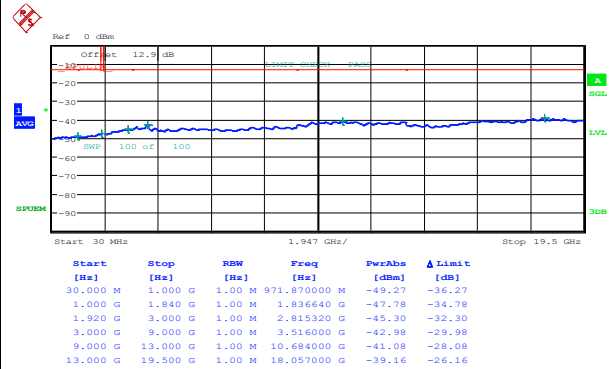
## LTE Band 2 / 10MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 21:54:40

## Highest Channel / 16QAM

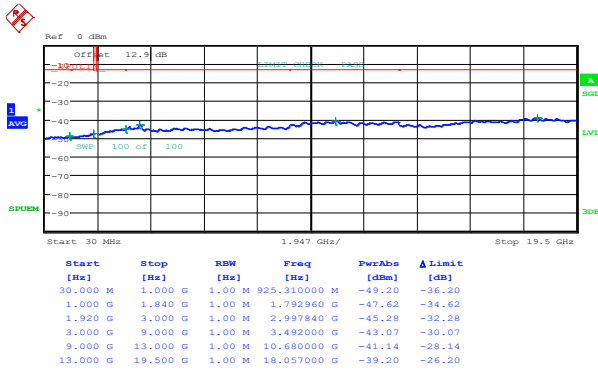


Date: 17.JUL.2014 21:55:38



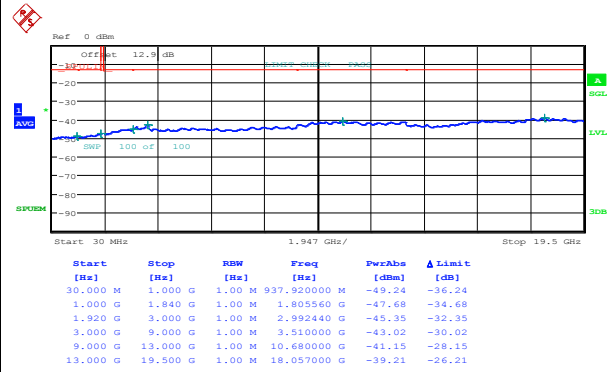
## LTE Band 2 / 15MHz

## Lowest Channel / QPSK



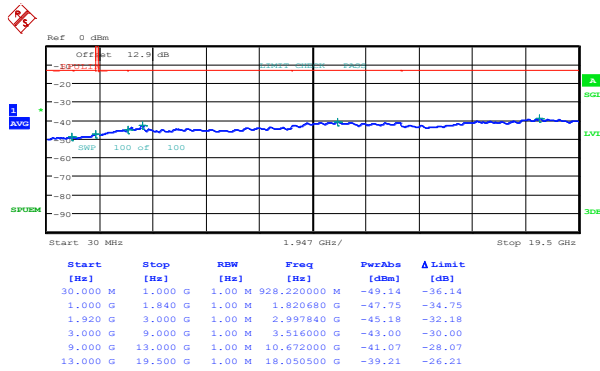
Date: 17.JUL.2014 22:00:43

## Lowest Channel / 16QAM



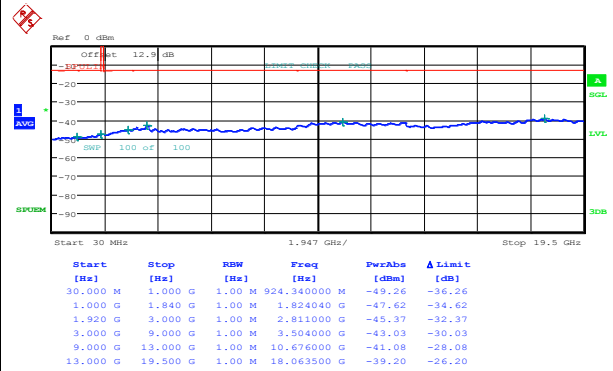
Date: 17.JUL.2014 22:01:42

## Middle Channel / QPSK



Date: 17.JUL.2014 22:03:42

## Middle Channel / 16QAM

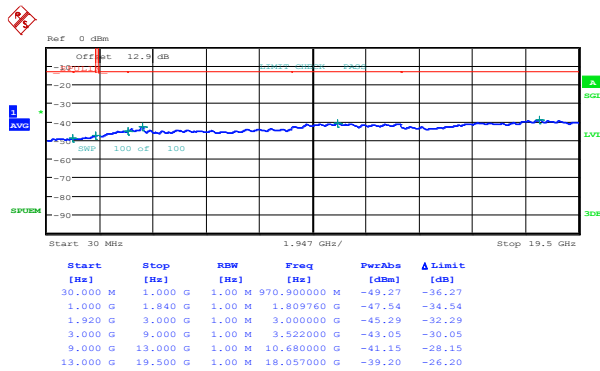


Date: 17.JUL.2014 22:04:40



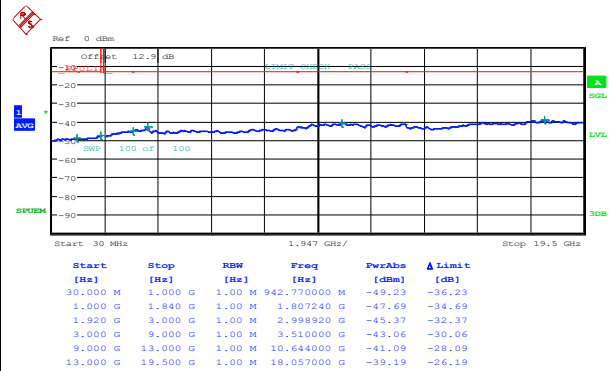
## LTE Band 2 / 15MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 22:09:41

## Highest Channel / 16QAM

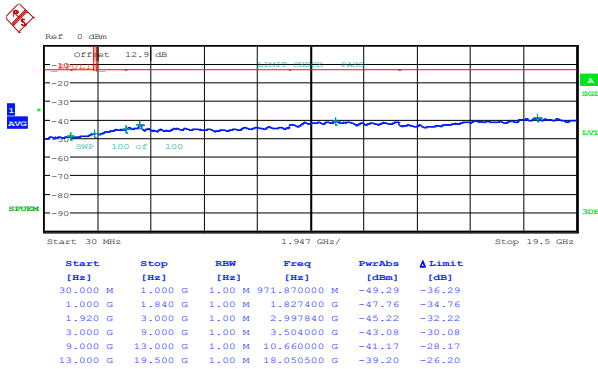


Date: 17.JUL.2014 22:10:39



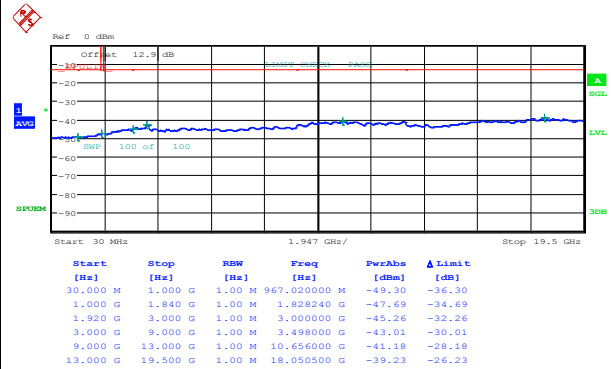
## LTE Band 2 / 20MHz

## Lowest Channel / QPSK



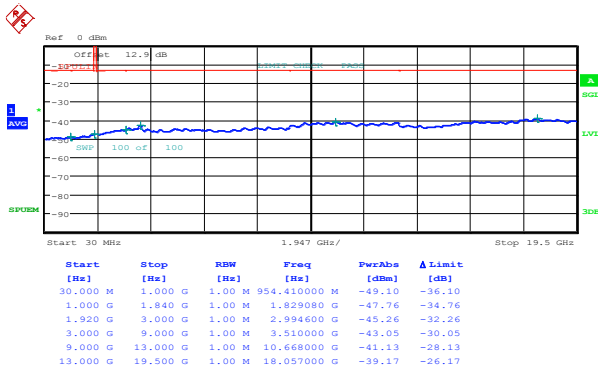
Date: 17.JUL.2014 22:15:44

## Lowest Channel / 16QAM



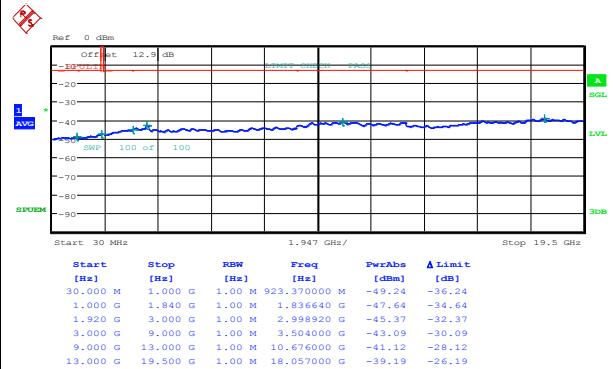
Date: 17.JUL.2014 22:16:43

## Middle Channel / QPSK



Date: 17.JUL.2014 22:18:42

## Middle Channel / 16QAM

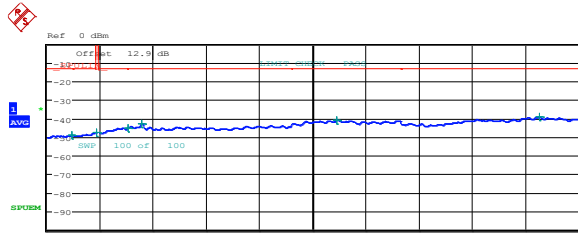


Date: 17.JUL.2014 22:19:40



## LTE Band 2 / 20MHz

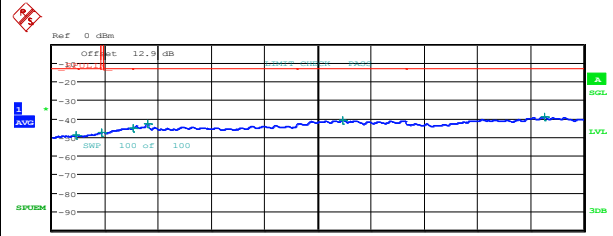
## Highest Channel / QPSK



| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 945.680000 M | -49.23 | -36.23 |
| 1.000 G  | 1.840 G  | 1.00 M | 1.832440 G   | -47.55 | -34.55 |
| 1.920 G  | 3.000 G  | 1.00 M | 2.992440 G   | -45.23 | -32.23 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.492000 G   | -43.07 | -30.07 |
| 9.000 G  | 13.000 G | 1.00 M | 10.644000 G  | -41.12 | -28.12 |
| 13.000 G | 19.500 G | 1.00 M | 18.050500 G  | -39.12 | -26.12 |

Date: 17.JUL.2014 22:24:41

## Highest Channel / 16QAM



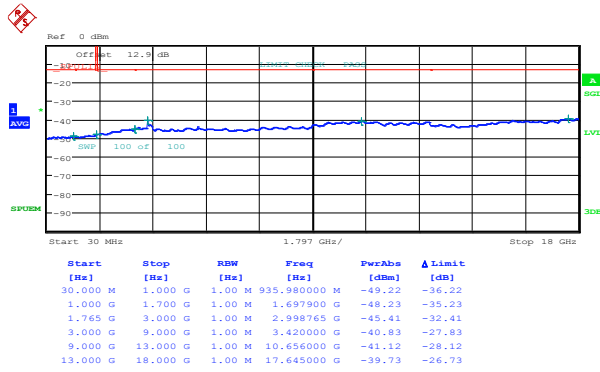
| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 895.240000 M | -49.20 | -36.20 |
| 1.000 G  | 1.840 G  | 1.00 M | 1.831600 G   | -47.62 | -34.62 |
| 1.920 G  | 3.000 G  | 1.00 M | 2.988120 G   | -45.36 | -32.36 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.510000 G   | -42.99 | -29.99 |
| 9.000 G  | 13.000 G | 1.00 M | 10.672000 G  | -41.14 | -28.14 |
| 13.000 G | 19.500 G | 1.00 M | 18.057000 G  | -39.13 | -26.13 |

Date: 17.JUL.2014 22:25:39



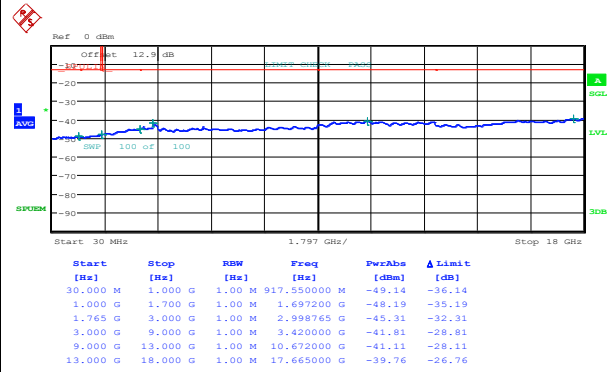
## LTE Band 4 / 1.4MHz

## Lowest Channel / QPSK



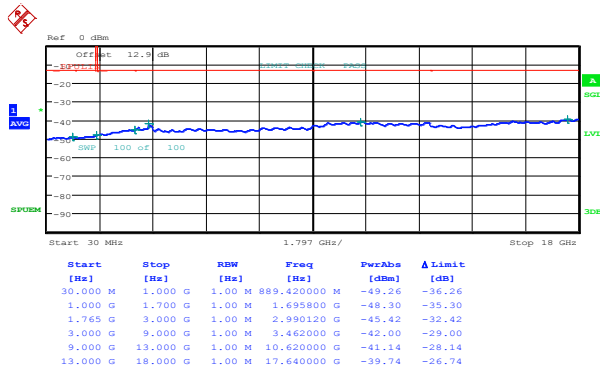
Date: 17.JUL.2014 22:34:28

## Lowest Channel / 16QAM



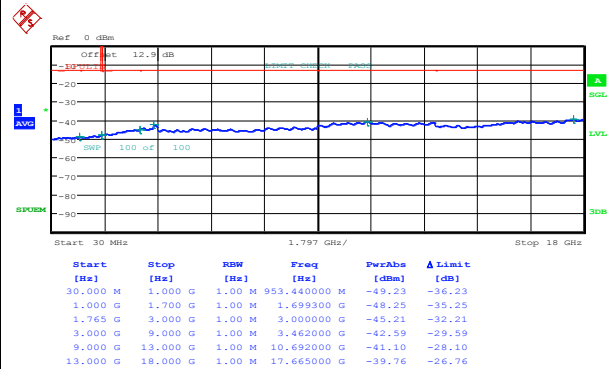
Date: 17.JUL.2014 22:35:26

## Middle Channel / QPSK



Date: 17.JUL.2014 22:37:26

## Middle Channel / 16QAM

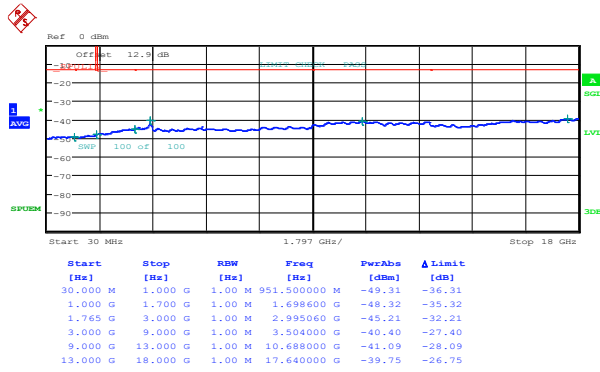


Date: 17.JUL.2014 22:38:24



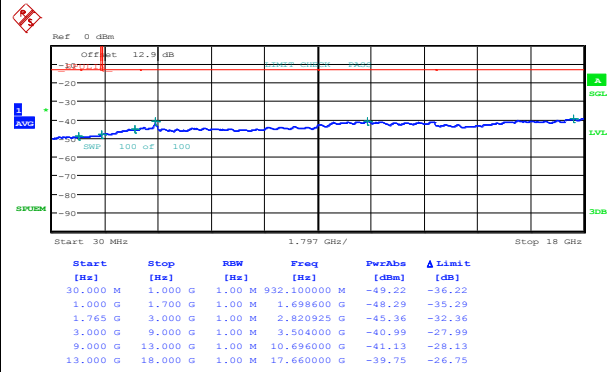
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 22:43:25

## Highest Channel / 16QAM

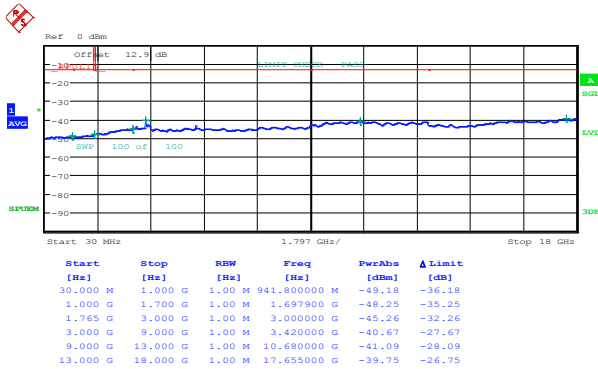


Date: 17.JUL.2014 22:44:24



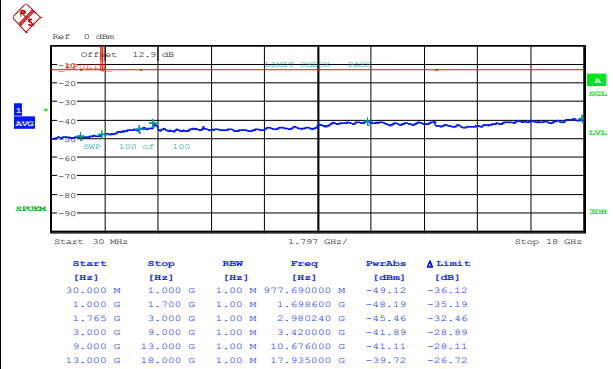
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



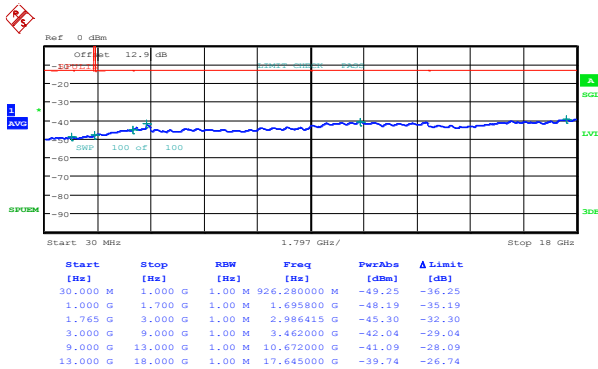
Date: 17.JUL.2014 22:49:30

## Lowest Channel / 16QAM



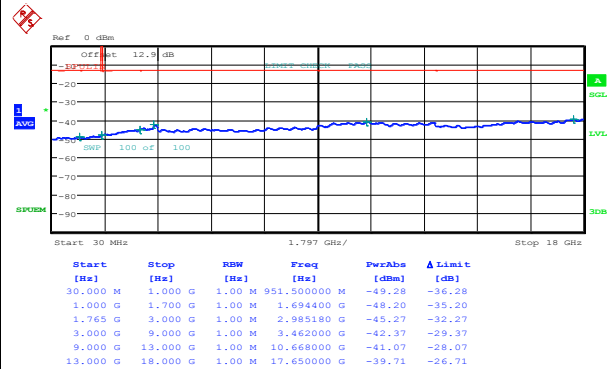
Date: 17.JUL.2014 22:50:28

## Middle Channel / QPSK



Date: 17.JUL.2014 22:52:27

## Middle Channel / 16QAM

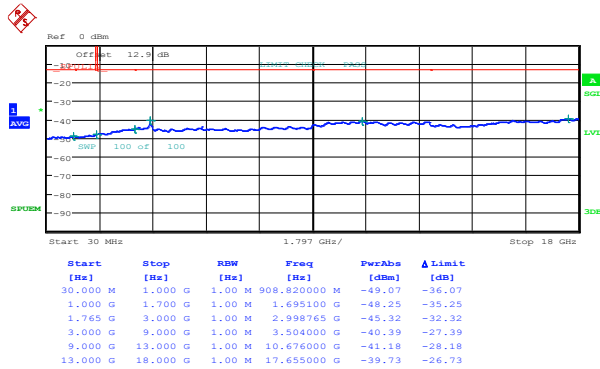


Date: 17.JUL.2014 22:53:26



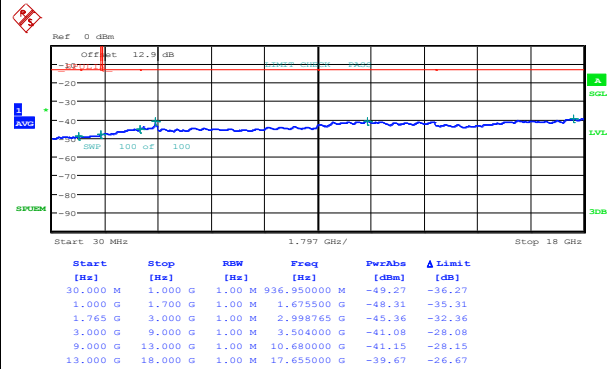
## LTE Band 4 / 3MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 22:58:27

## Highest Channel / 16QAM

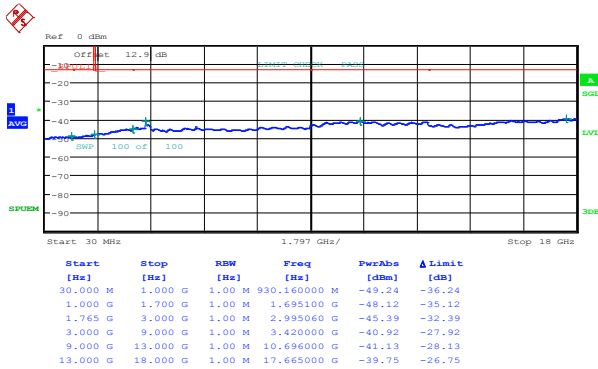


Date: 17.JUL.2014 22:59:26



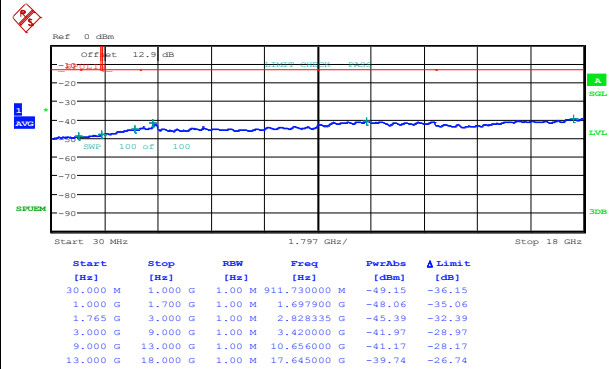
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



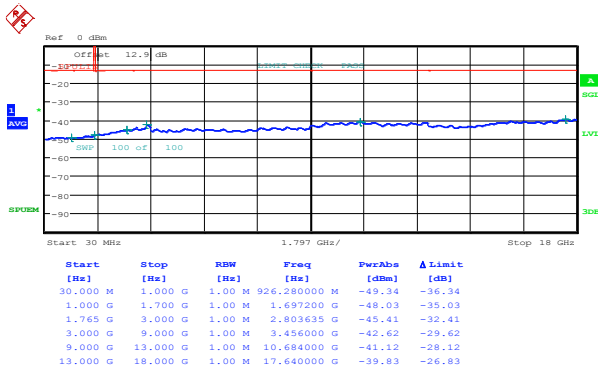
Date: 17.JUL.2014 23:04:31

## Lowest Channel / 16QAM



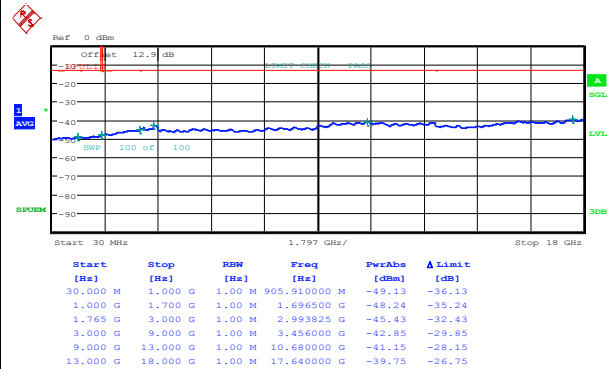
Date: 17.JUL.2014 23:05:30

## Middle Channel / QPSK



Date: 17.JUL.2014 23:07:29

## Middle Channel / 16QAM

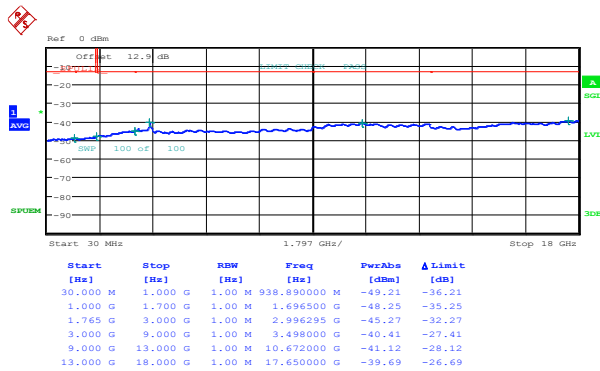


Date: 17.JUL.2014 23:08:28



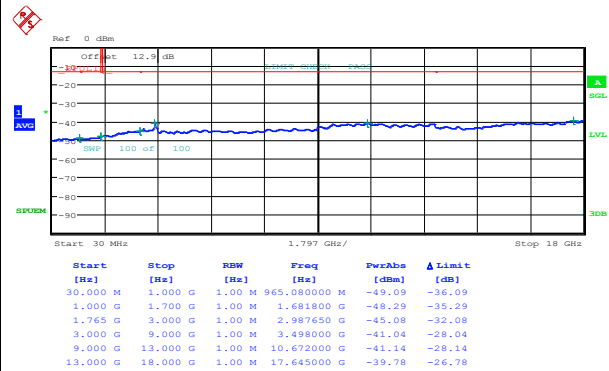
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 23:13:32

## Highest Channel / 16QAM

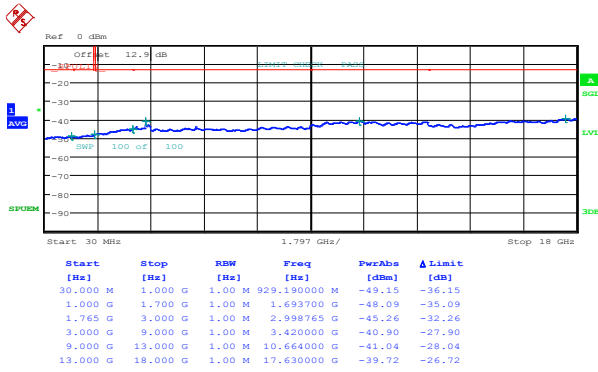


Date: 17.JUL.2014 23:14:31



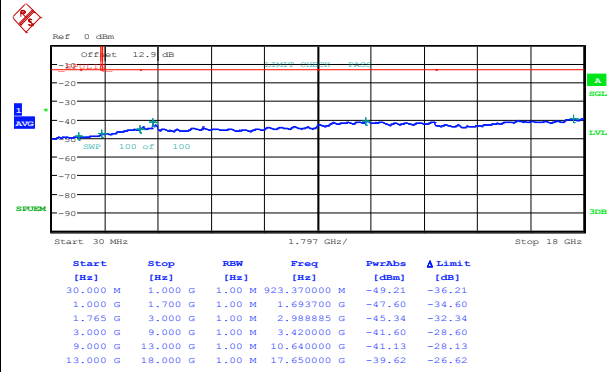
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



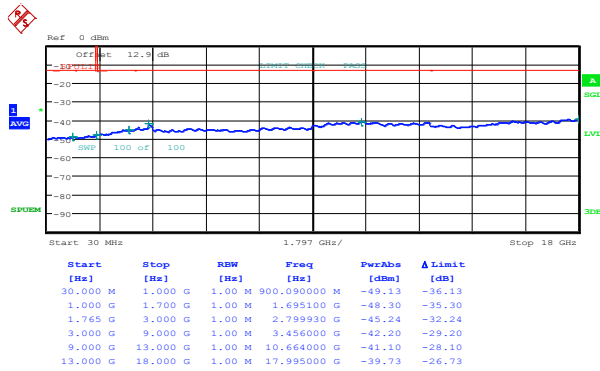
Date: 17.JUL.2014 23:19:37

## Lowest Channel / 16QAM



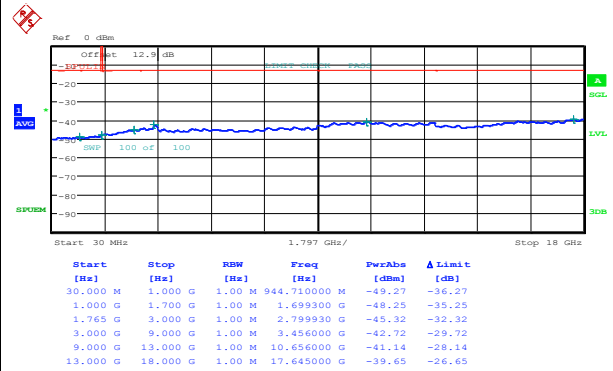
Date: 17.JUL.2014 23:20:35

## Middle Channel / QPSK



Date: 17.JUL.2014 23:22:35

## Middle Channel / 16QAM

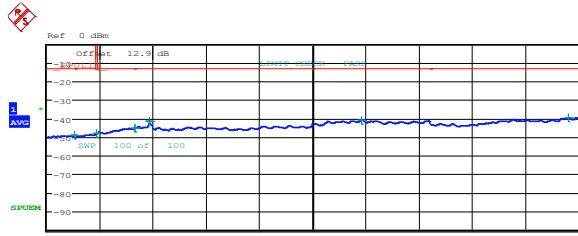


Date: 17.JUL.2014 23:23:33



## LTE Band 4 / 10MHz

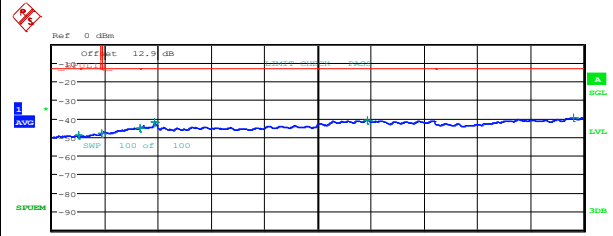
## Highest Channel / QPSK



| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 942.770000 M | -49.22 | -36.22 |
| 1.000 G  | 1.700 G  | 1.00 M | 1.695100 G   | -48.13 | -35.13 |
| 1.765 G  | 3.000 G  | 1.00 M | 2.997530 G   | -45.37 | -32.37 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.492000 G   | -41.51 | -28.51 |
| 9.000 G  | 13.000 G | 1.00 M | 10.664000 G  | -41.14 | -28.14 |
| 13.000 G | 18.000 G | 1.00 M | 17.665000 G  | -39.75 | -26.75 |

Date: 17.JUL.2014 23:28:34

## Highest Channel / 16QAM



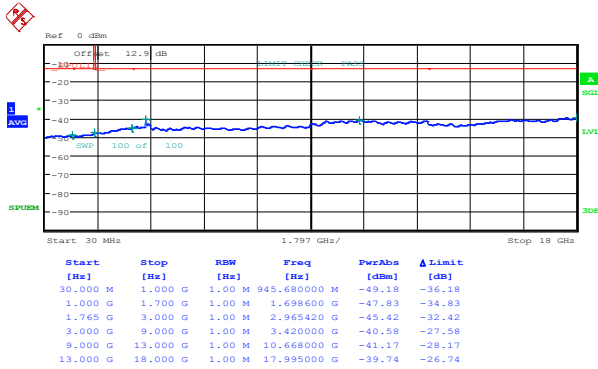
| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 927.250000 M | -49.16 | -36.16 |
| 1.000 G  | 1.700 G  | 1.00 M | 1.696500 G   | -48.18 | -35.18 |
| 1.765 G  | 3.000 G  | 1.00 M | 2.998765 G   | -45.39 | -32.39 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.492000 G   | -41.83 | -28.83 |
| 9.000 G  | 13.000 G | 1.00 M | 10.676000 G  | -41.10 | -28.10 |
| 13.000 G | 18.000 G | 1.00 M | 17.660000 G  | -39.77 | -26.77 |

Date: 17.JUL.2014 23:29:33



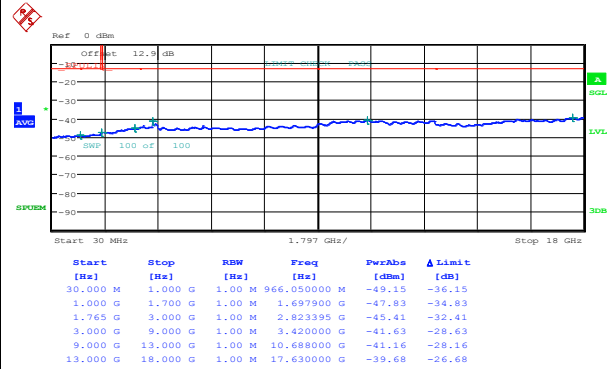
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



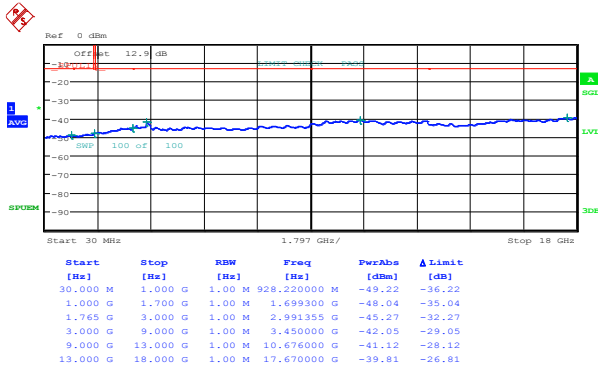
Date: 17.JUL.2014 23:34:38

## Lowest Channel / 16QAM



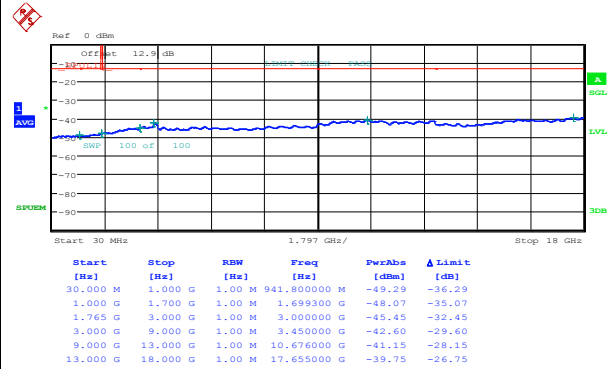
Date: 17.JUL.2014 23:35:37

## Middle Channel / QPSK



Date: 17.JUL.2014 23:37:36

## Middle Channel / 16QAM

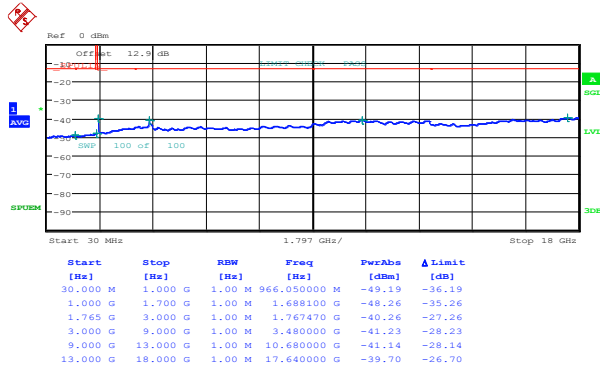


Date: 17.JUL.2014 23:38:35



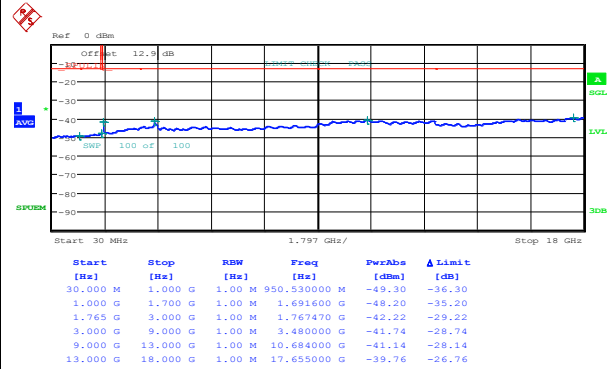
## LTE Band 4 / 15MHz

## Highest Channel / QPSK



Date: 17.JUL.2014 23:43:36

## Highest Channel / 16QAM

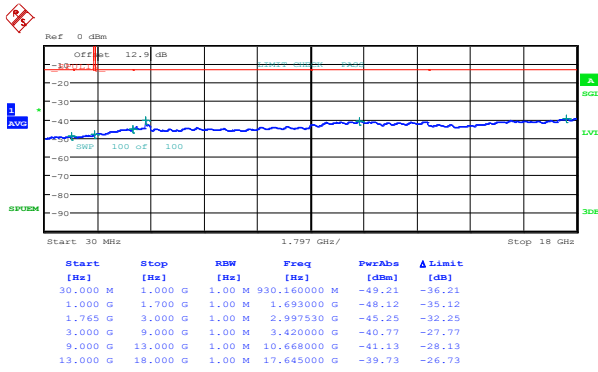


Date: 17.JUL.2014 23:44:35



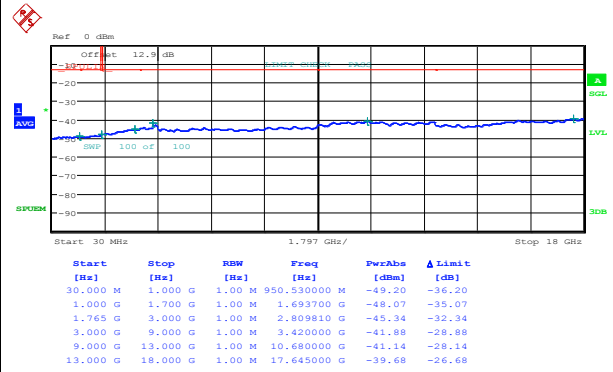
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK



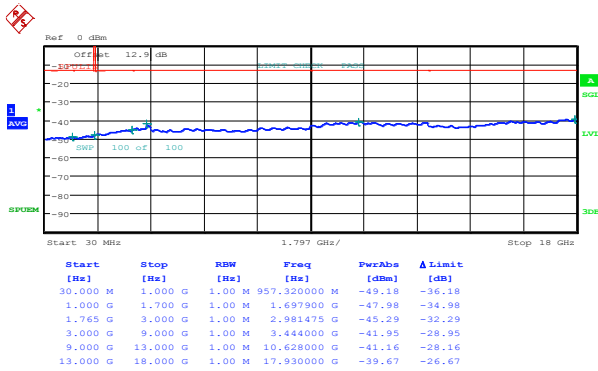
Date: 17.JUL.2014 23:49:41

## Lowest Channel / 16QAM



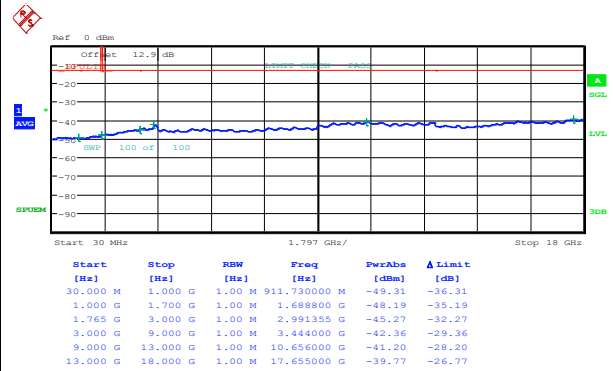
Date: 17.JUL.2014 23:50:39

## Middle Channel / QPSK



Date: 17.JUL.2014 23:52:39

## Middle Channel / 16QAM

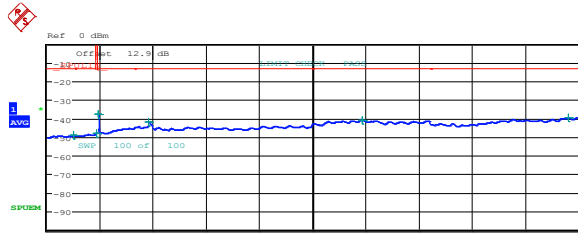


Date: 17.JUL.2014 23:53:37



## LTE Band 4 / 20MHz

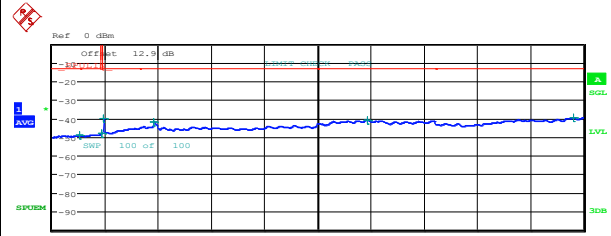
## Highest Channel / QPSK



| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 921.430000 M | -49.26 | -36.26 |
| 1.000 G  | 1.700 G  | 1.00 M | 1.699300 G   | -48.24 | -35.24 |
| 1.765 G  | 3.000 G  | 1.00 M | 1.771175 G   | -37.97 | -24.97 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.468000 G   | -41.83 | -28.83 |
| 9.000 G  | 13.000 G | 1.00 M | 10.672000 G  | -41.13 | -28.13 |
| 13.000 G | 18.000 G | 1.00 M | 17.655000 G  | -39.73 | -26.73 |

Date: 17.JUL.2014 23:58:38

## Highest Channel / 16QAM



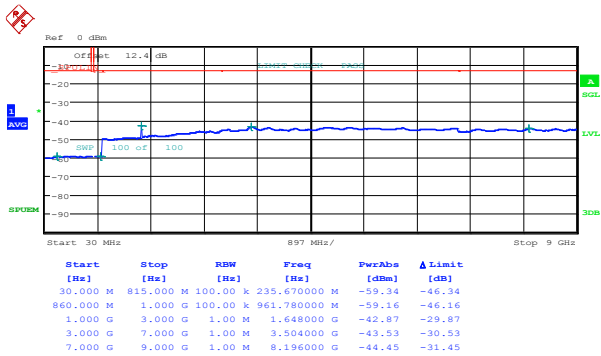
| Start    | Stop     | RBW    | Freq         | PwrAbs | Limit  |
|----------|----------|--------|--------------|--------|--------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]   |
| 30.000 M | 1.000 G  | 1.00 M | 940.830000 M | -49.28 | -36.28 |
| 1.000 G  | 1.700 G  | 1.00 M | 1.696500 G   | -48.19 | -35.19 |
| 1.765 G  | 3.000 G  | 1.00 M | 1.771175 G   | -40.28 | -27.28 |
| 3.000 G  | 9.000 G  | 1.00 M | 3.468000 G   | -42.18 | -29.18 |
| 9.000 G  | 13.000 G | 1.00 M | 10.672000 G  | -41.09 | -28.09 |
| 13.000 G | 18.000 G | 1.00 M | 17.655000 G  | -39.60 | -26.60 |

Date: 17.JUL.2014 23:59:37



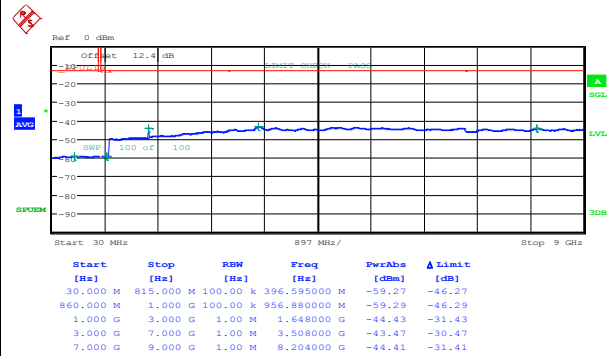
## LTE Band 5 / 1.4MHz

## Lowest Channel / QPSK



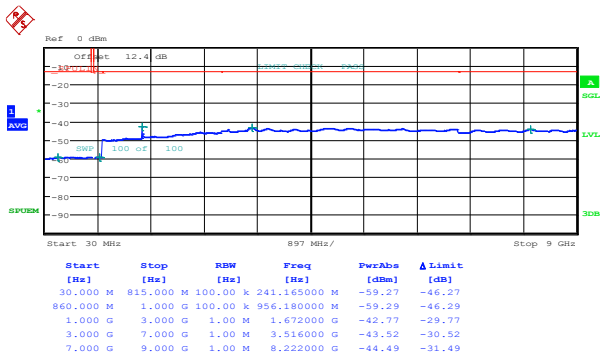
Date: 18.JUL.2014 00:07:24

## Lowest Channel / 16QAM



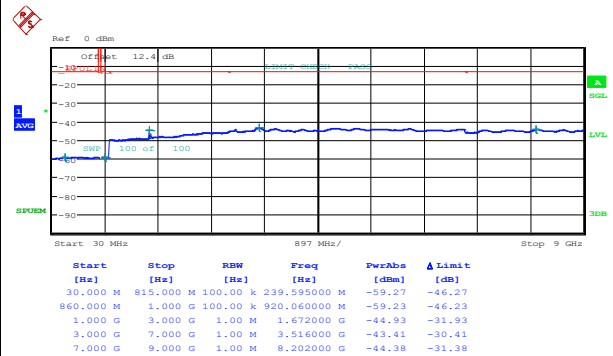
Date: 18.JUL.2014 00:08:23

## Middle Channel / QPSK



Date: 18.JUL.2014 00:10:25

## Middle Channel / 16QAM



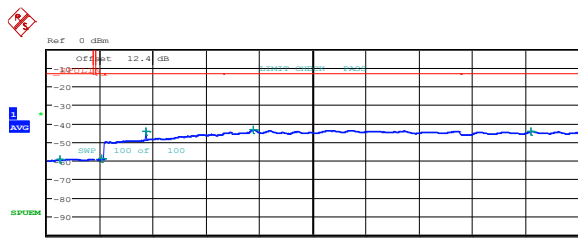
Date: 18.JUL.2014 00:11:24



## LTE Band 5 / 1.4MHz

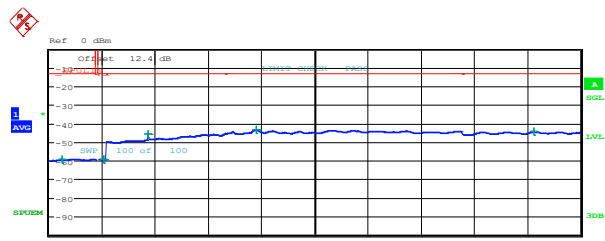
## Highest Channel / QPSK

## Highest Channel / 16QAM



| Start     | Stop      | RBW      | Freq         | PwrAbs | Limit  |
|-----------|-----------|----------|--------------|--------|--------|
| [Hz]      | [Hz]      | [Hz]     | [Hz]         | [dBm]  | [dB]   |
| 30.000 M  | 815.000 M | 100.00 k | 251.370000 M | -59.35 | -46.35 |
| 860.000 M | 1.000 G   | 100.00 k | 946.800000 M | -59.15 | -46.15 |
| 1.000 G   | 3.000 G   | 1.00 M   | 1.696000 G   | -44.27 | -31.27 |
| 3.000 G   | 7.000 G   | 1.00 M   | 3.512000 G   | -43.54 | -30.54 |
| 7.000 G   | 9.000 G   | 1.00 M   | 8.196000 G   | -44.49 | -31.49 |

Date: 18.JUL.2014 00:16:38



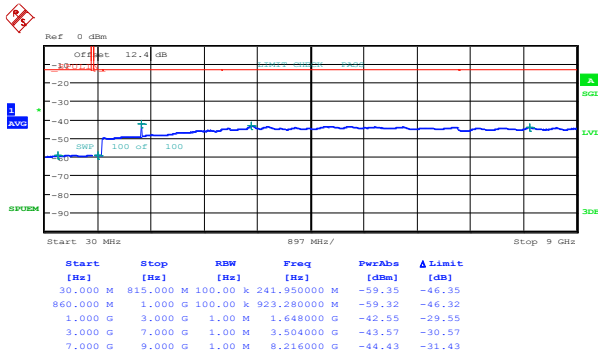
| Start     | Stop      | RBW      | Freq         | PwrAbs | Limit  |
|-----------|-----------|----------|--------------|--------|--------|
| [Hz]      | [Hz]      | [Hz]     | [Hz]         | [dBm]  | [dB]   |
| 30.000 M  | 815.000 M | 100.00 k | 241.165000 M | -59.27 | -46.27 |
| 860.000 M | 1.000 G   | 100.00 k | 953.660000 M | -59.16 | -46.16 |
| 1.000 G   | 3.000 G   | 1.00 M   | 1.696000 G   | -45.93 | -32.93 |
| 3.000 G   | 7.000 G   | 1.00 M   | 3.516000 G   | -43.58 | -30.58 |
| 7.000 G   | 9.000 G   | 1.00 M   | 8.208000 G   | -44.41 | -31.41 |

Date: 18.JUL.2014 00:17:38



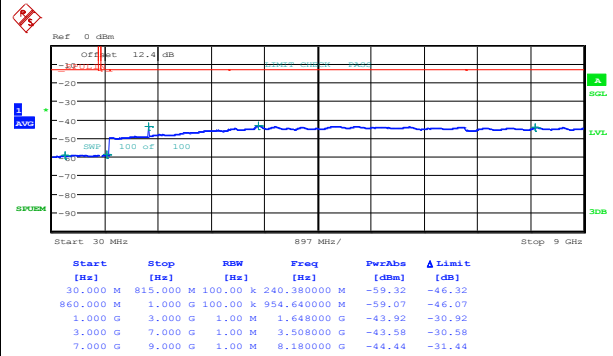
## LTE Band 5 / 3MHz

## Lowest Channel / QPSK



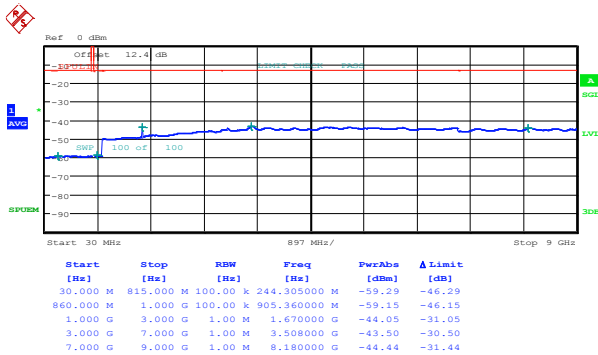
Date: 18.JUL.2014 00:23:07

## Lowest Channel / 16QAM



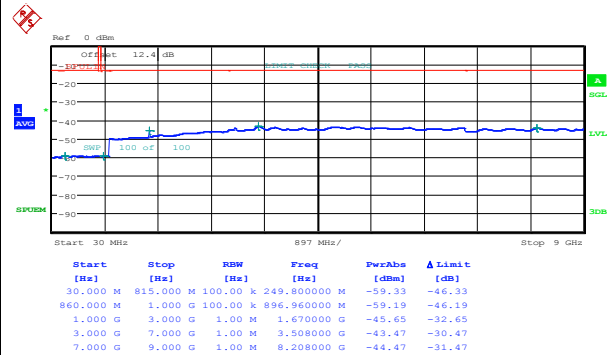
Date: 18.JUL.2014 00:24:08

## Middle Channel / QPSK



Date: 18.JUL.2014 00:26:27

## Middle Channel / 16QAM

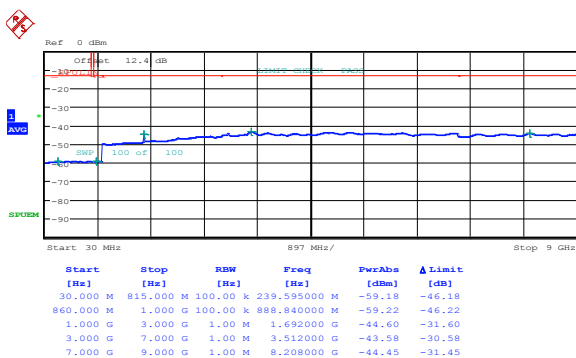


Date: 18.JUL.2014 00:27:34



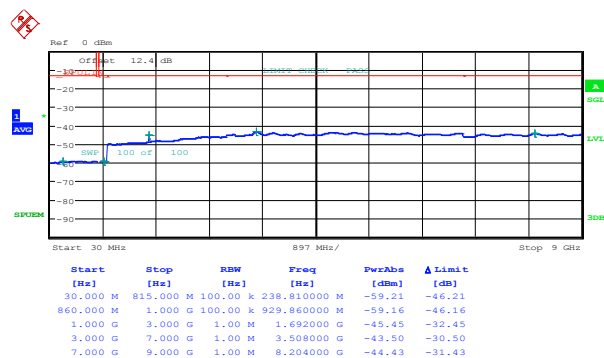
## LTE Band 5 / 3MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 00:33:21

## Highest Channel / 16QAM

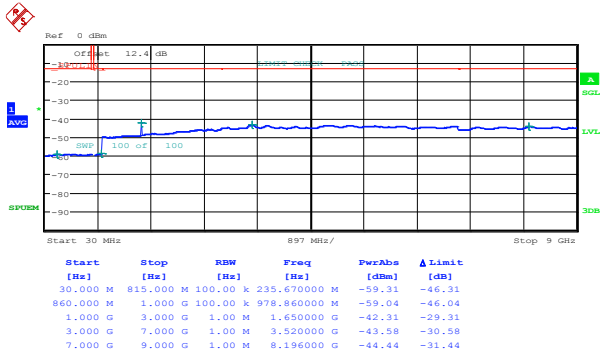


Date: 18.JUL.2014 00:34:25



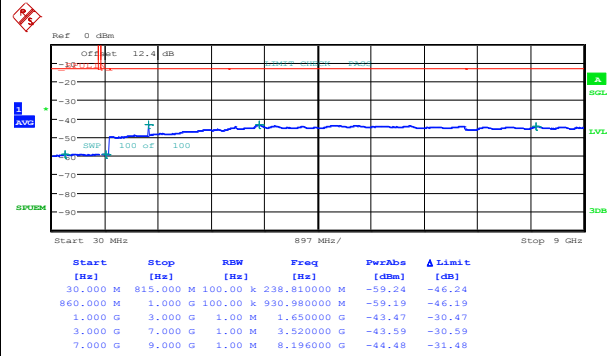
## LTE Band 5 / 5MHz

## Lowest Channel / QPSK



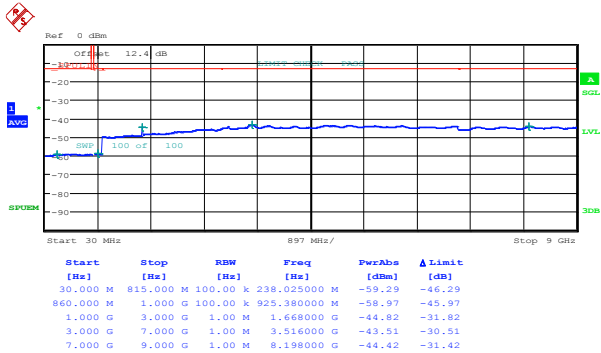
Date: 18.JUL.2014 00:40:23

## Lowest Channel / 16QAM



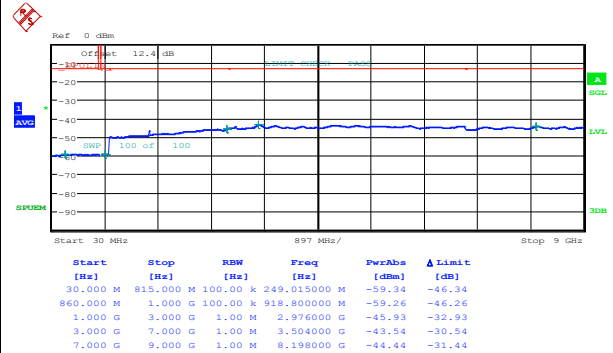
Date: 18.JUL.2014 00:41:28

## Middle Channel / QPSK



Date: 18.JUL.2014 00:44:03

## Middle Channel / 16QAM

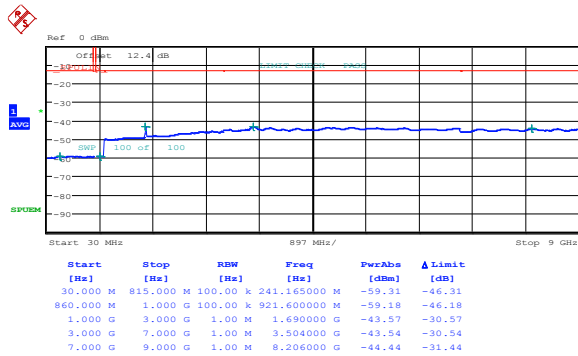


Date: 18.JUL.2014 00:45:09



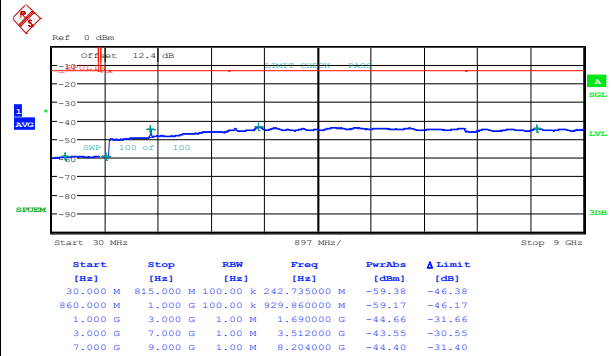
## LTE Band 5 / 5MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 00:51:22

## Highest Channel / 16QAM

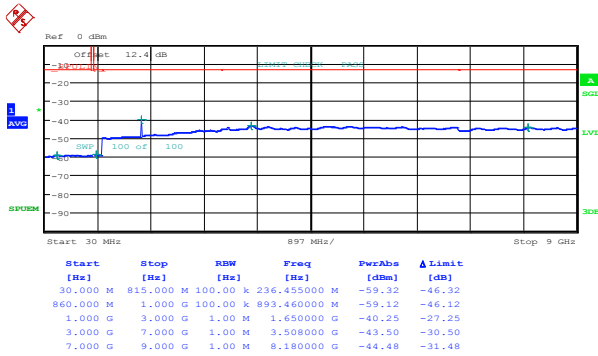


Date: 18.JUL.2014 00:52:29



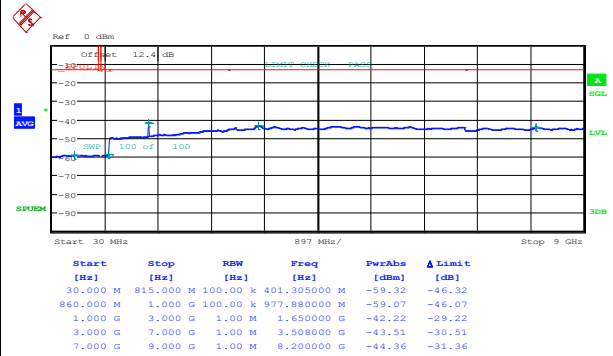
## LTE Band 5 / 10MHz

## Lowest Channel / QPSK



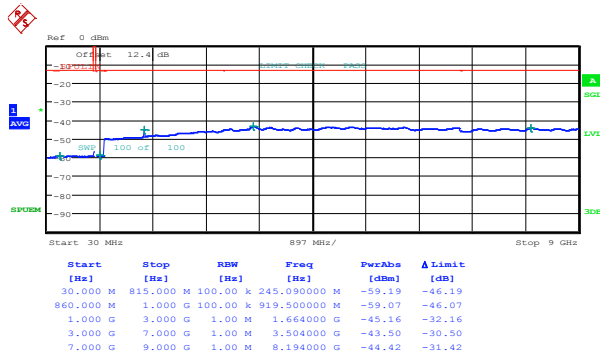
Date: 18.JUL.2014 01:09:17

## Lowest Channel / 16QAM



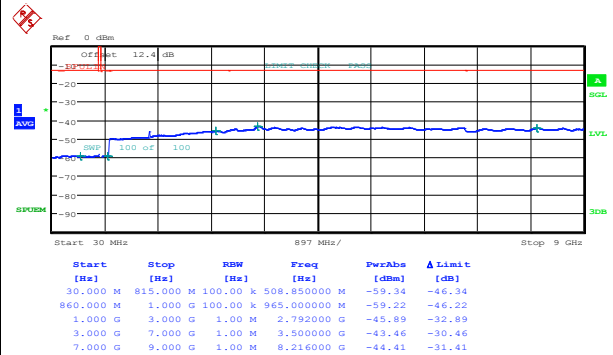
Date: 18.JUL.2014 01:10:26

## Middle Channel / QPSK



Date: 18.JUL.2014 01:13:17

## Middle Channel / 16QAM

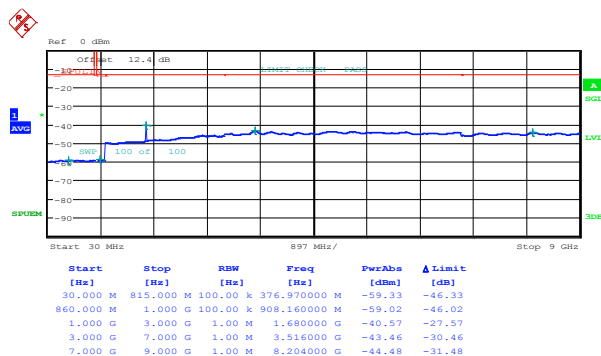


Date: 18.JUL.2014 01:14:26



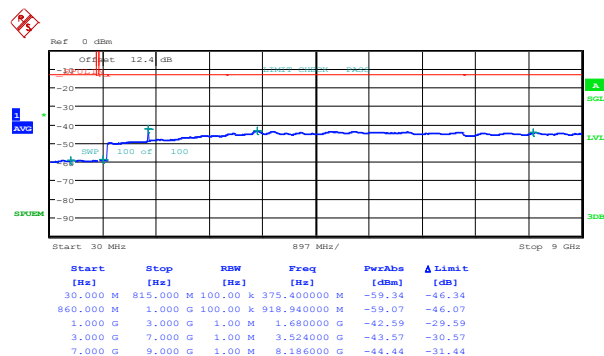
## LTE Band 5 / 10MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 01:21:02

## Highest Channel / 16QAM

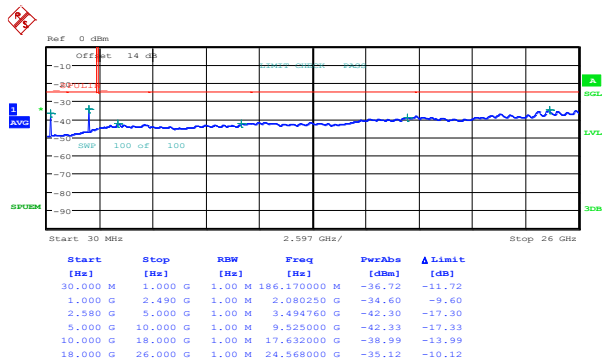


Date: 18.JUL.2014 01:22:11



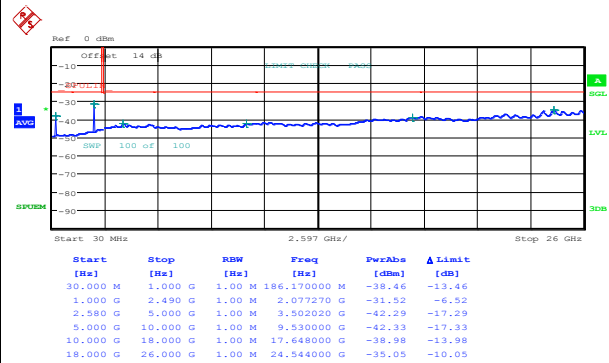
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



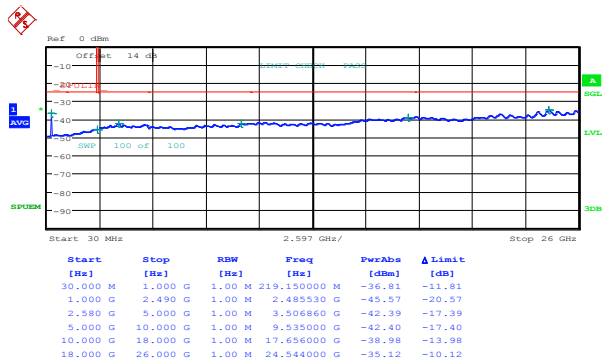
Date: 3.NOV.2014 10:38:32

## Lowest Channel / 16QAM



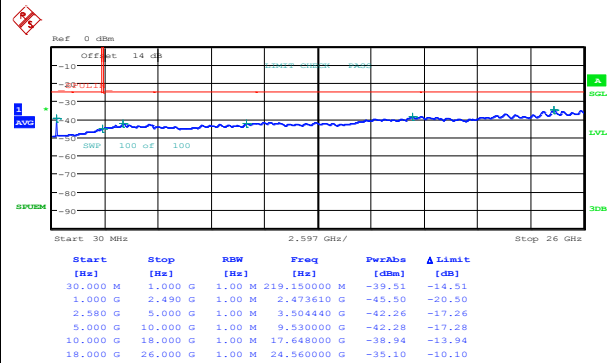
Date: 3.NOV.2014 10:39:42

## Middle Channel / QPSK



Date: 3.NOV.2014 10:40:51

## Middle Channel / 16QAM

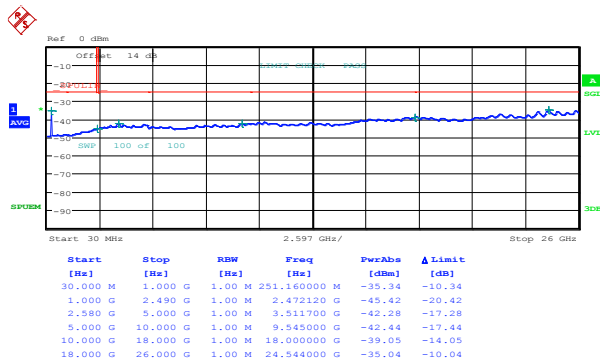


Date: 3.NOV.2014 10:42:01



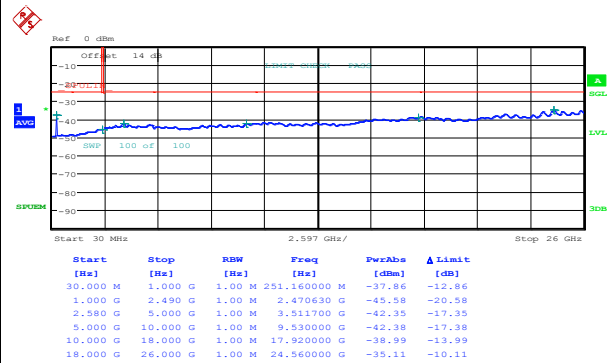
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 3.NOV.2014 10:43:10

## Highest Channel / 16QAM

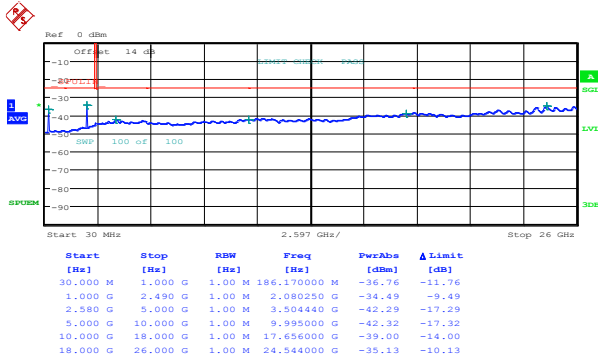


Date: 3.NOV.2014 10:44:20



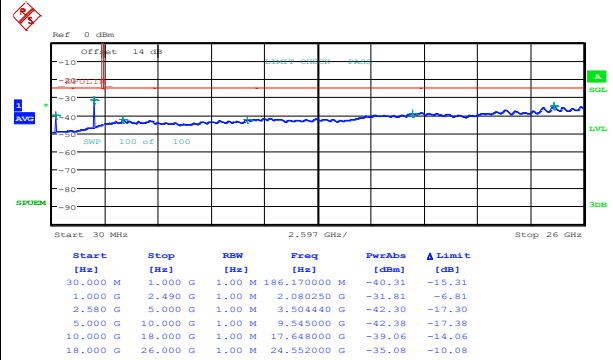
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



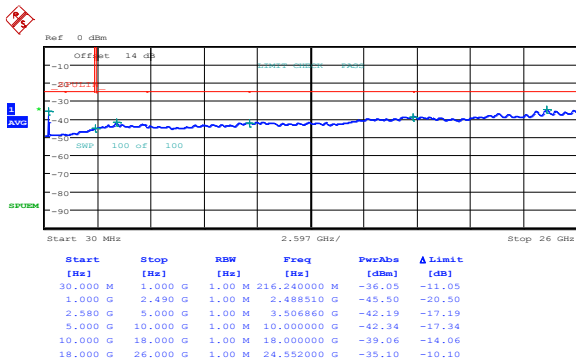
Date: 3.NOV.2014 10:45:30

## Lowest Channel / 16QAM



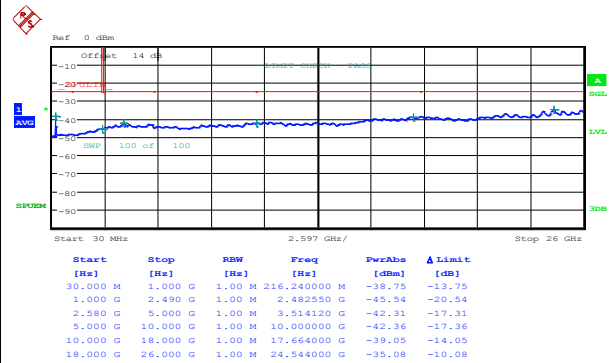
Date: 3.NOV.2014 10:46:39

## Middle Channel / QPSK



Date: 3.NOV.2014 10:47:49

## Middle Channel / 16QAM

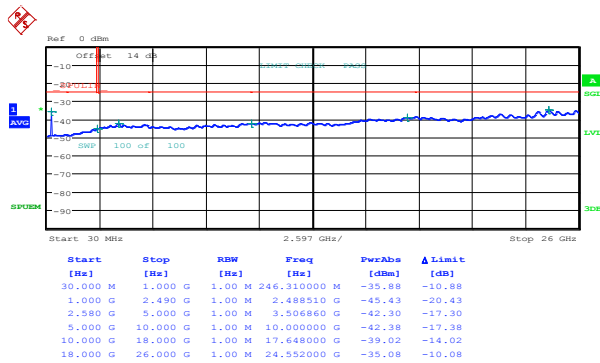


Date: 3.NOV.2014 10:48:58



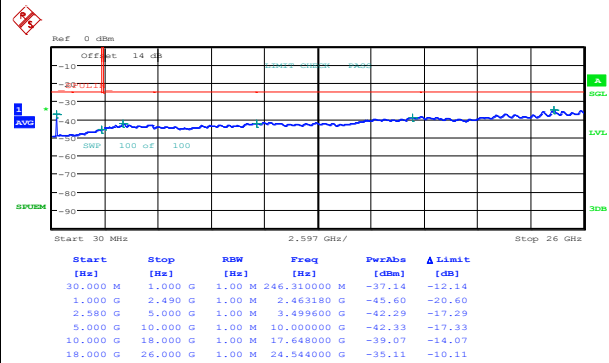
## LTE Band 7 / 10MHz

## Highest Channel / QPSK



Date: 3.NOV.2014 10:50:08

## Highest Channel / 16QAM

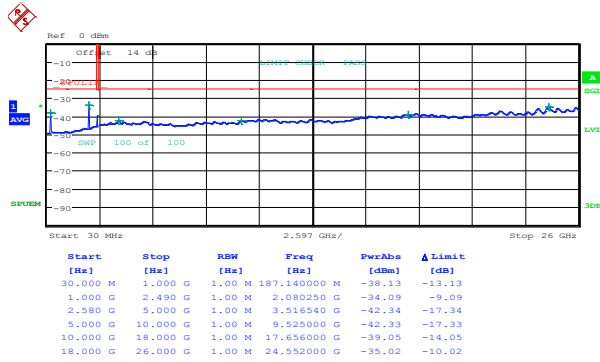


Date: 3.NOV.2014 10:51:17



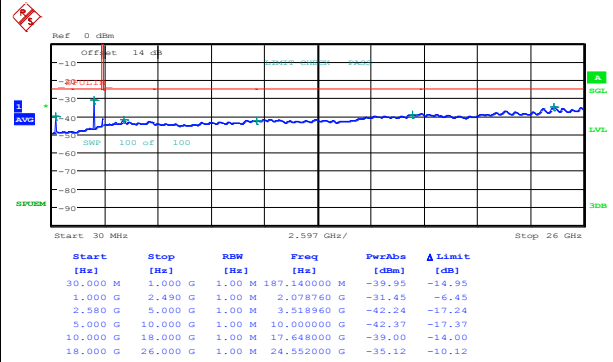
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



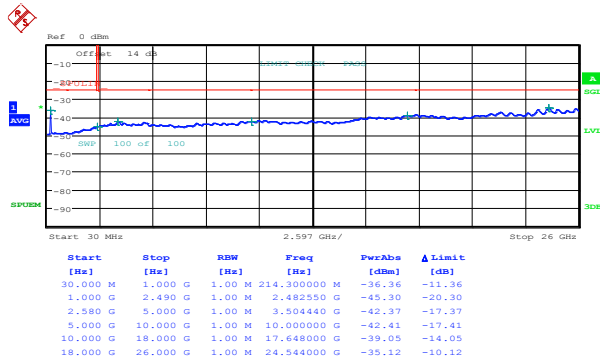
Date: 3.NOV.2014 10:52:27

## Lowest Channel / 16QAM



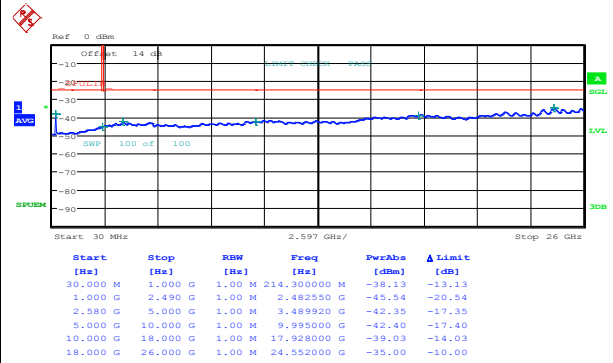
Date: 3.NOV.2014 10:53:36

## Middle Channel / QPSK



Date: 3.NOV.2014 10:54:46

## Middle Channel / 16QAM

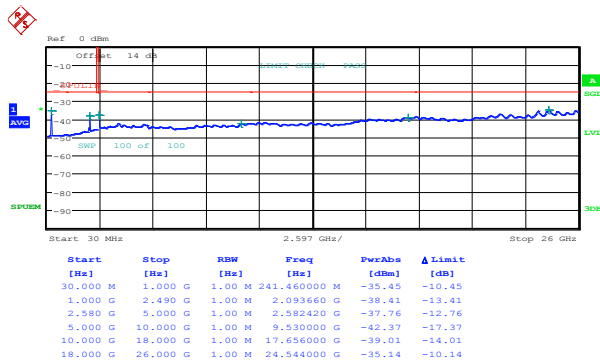


Date: 3.NOV.2014 10:55:55



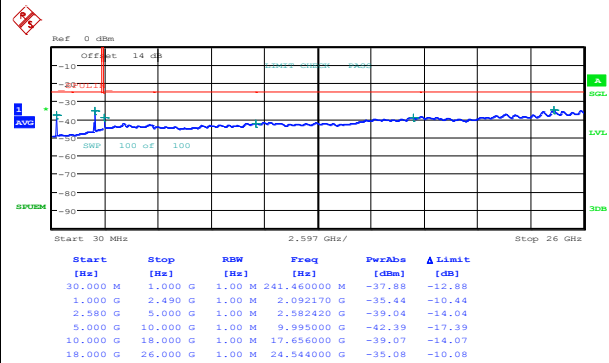
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 3.NOV.2014 10:57:05

## Highest Channel / 16QAM

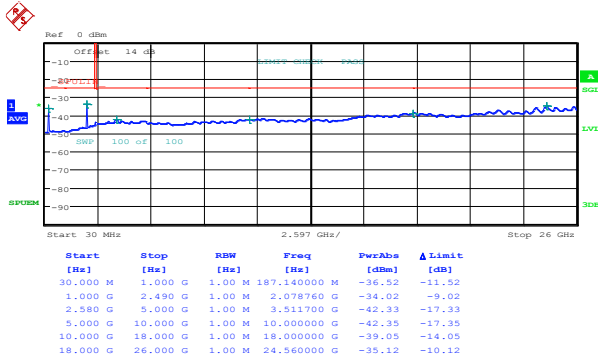


Date: 3.NOV.2014 10:58:14



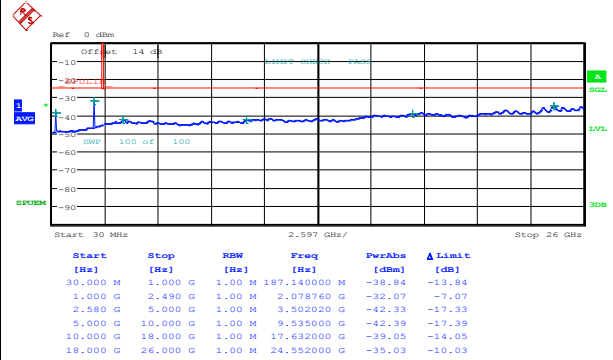
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



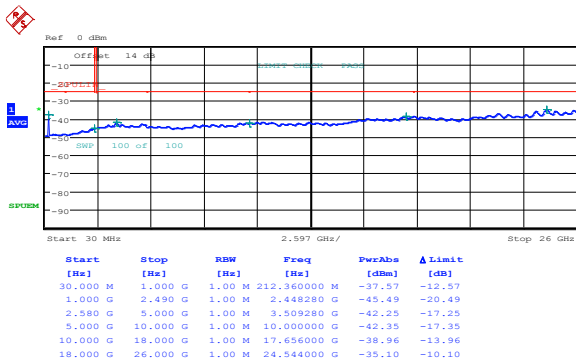
Date: 3.NOV.2014 10:59:24

## Lowest Channel / 16QAM



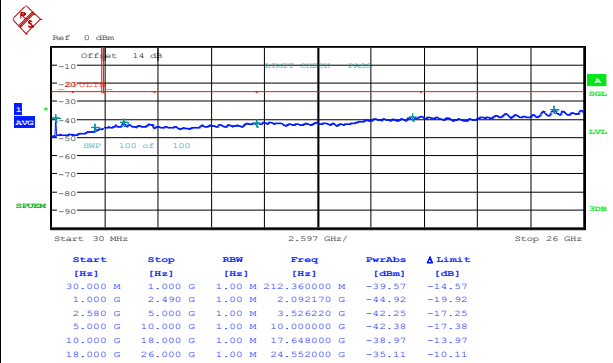
Date: 3.NOV.2014 11:00:33

## Middle Channel / QPSK



Date: 3.NOV.2014 11:01:43

## Middle Channel / 16QAM

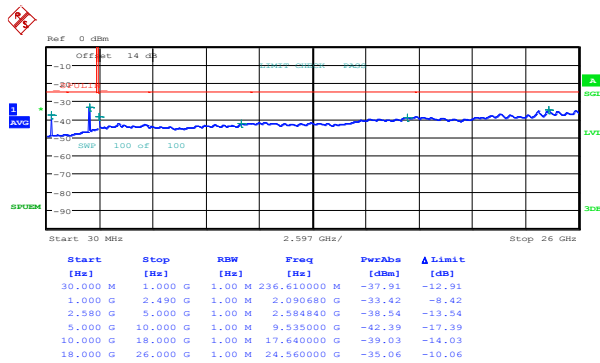


Date: 3.NOV.2014 11:02:52



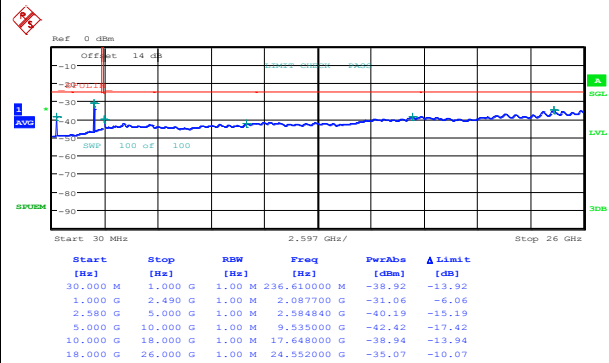
## LTE Band 7 / 20MHz

## Highest Channel / QPSK



Date: 3.NOV.2014 11:04:02

## Highest Channel / 16QAM

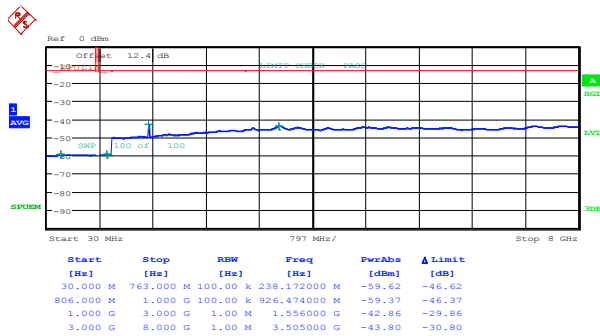


Date: 3.NOV.2014 11:05:11



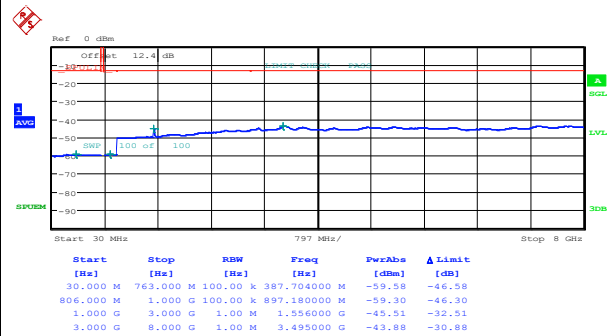
## LTE Band 13 / 5MHz

## Lowest Channel / QPSK



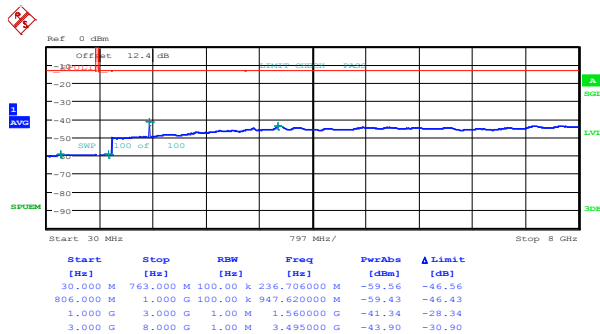
Date: 3.NOV.2014 13:15:16

## Lowest Channel / 16QAM



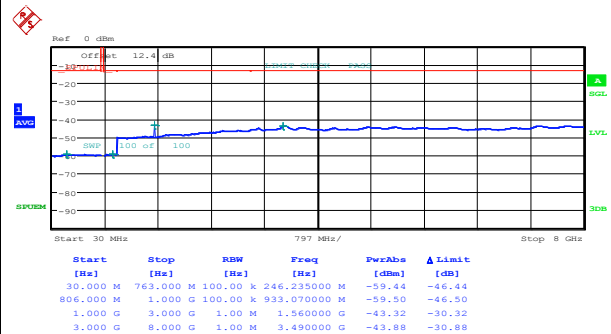
Date: 3.NOV.2014 13:16:52

## Middle Channel / QPSK



Date: 3.NOV.2014 13:19:00

## Middle Channel / 16QAM

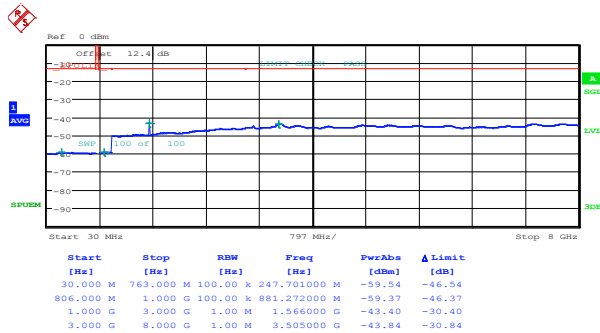


Date: 3.NOV.2014 13:17:55



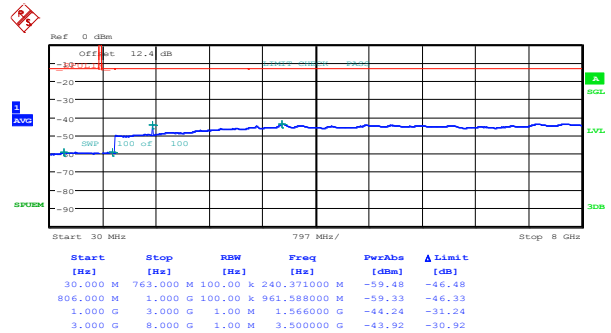
## LTE Band 13 / 5MHz

## Highest Channel / QPSK



Date: 3.NOV.2014 13:20:06

## Highest Channel / 16QAM



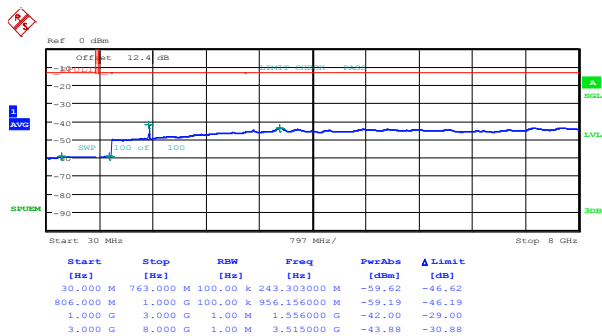
Date: 3.NOV.2014 13:21:32



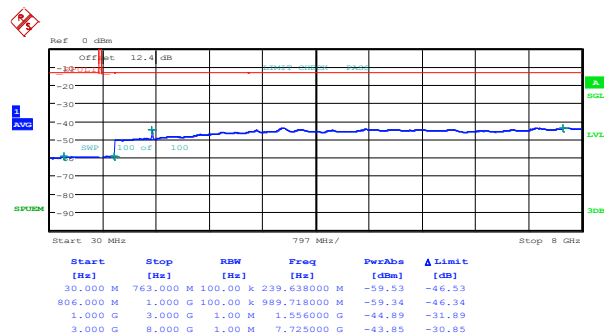
## LTE Band 13 / 10MHz

## Middle Channel / QPSK

## Middle Channel / 16QAM



Date: 3.NOV.2014 13:22:42

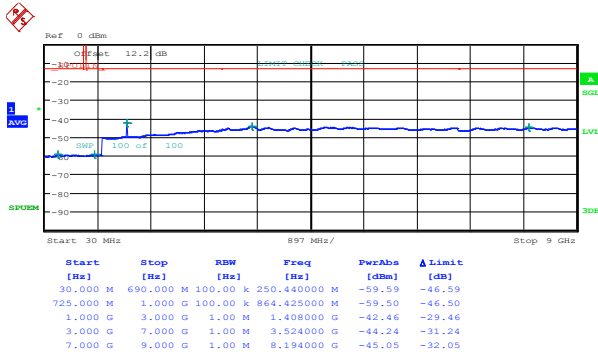


Date: 3.NOV.2014 13:23:37



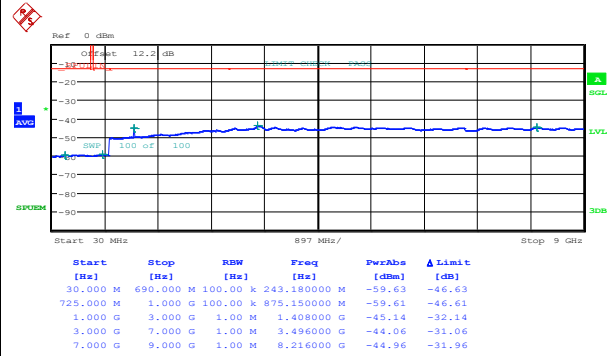
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



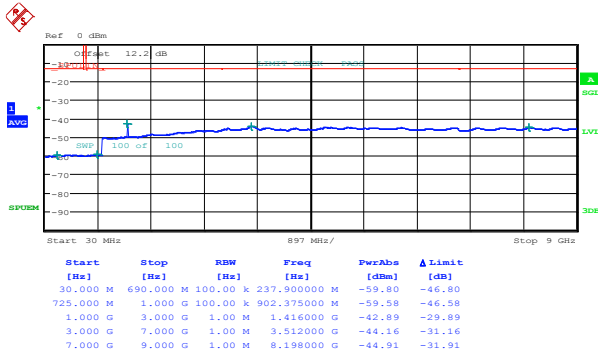
Date: 18.JUL.2014 09:01:40

## Lowest Channel / 16QAM



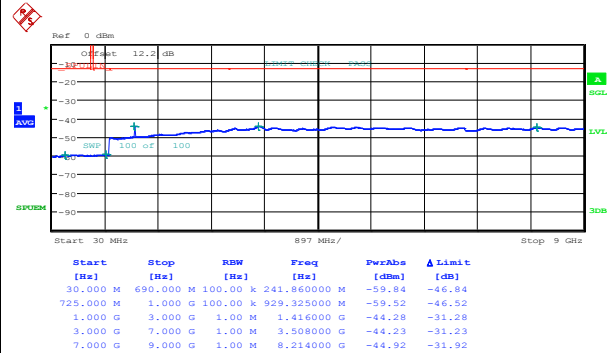
Date: 18.JUL.2014 09:02:48

## Middle Channel / QPSK



Date: 18.JUL.2014 09:05:38

## Middle Channel / 16QAM

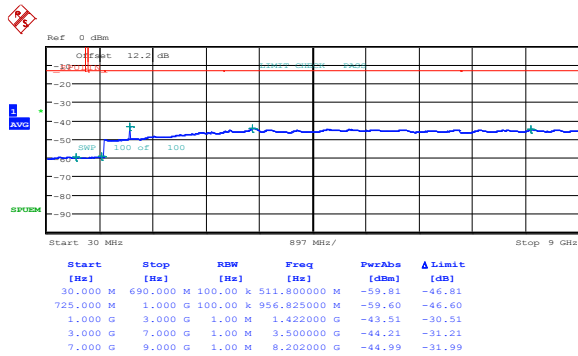


Date: 18.JUL.2014 09:06:47



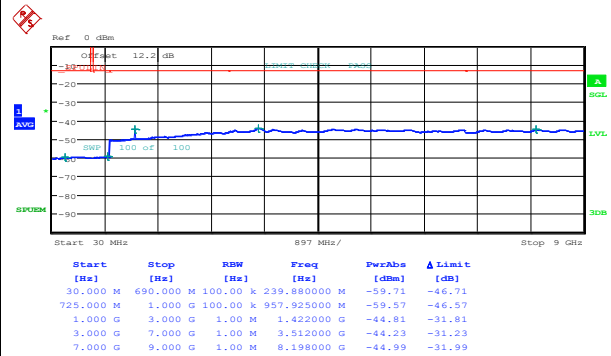
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 09:13:23

## Highest Channel / 16QAM

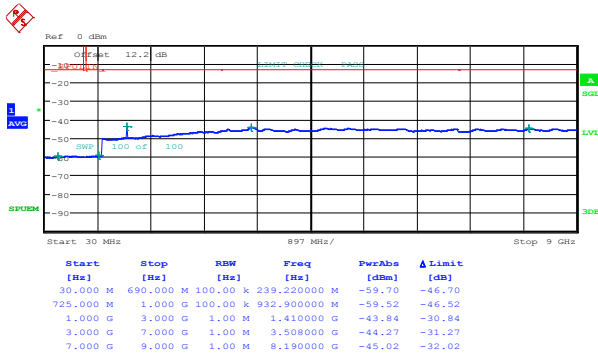


Date: 18.JUL.2014 09:14:32



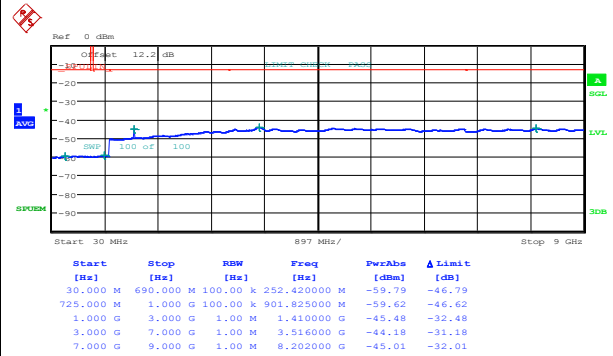
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



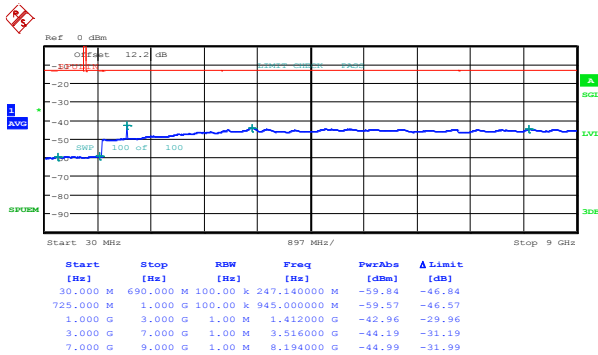
Date: 18.JUL.2014 09:21:17

## Lowest Channel / 16QAM



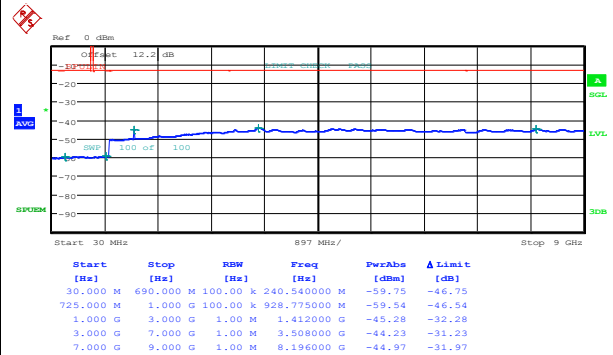
Date: 18.JUL.2014 09:22:26

## Middle Channel / QPSK



Date: 18.JUL.2014 09:25:17

## Middle Channel / 16QAM

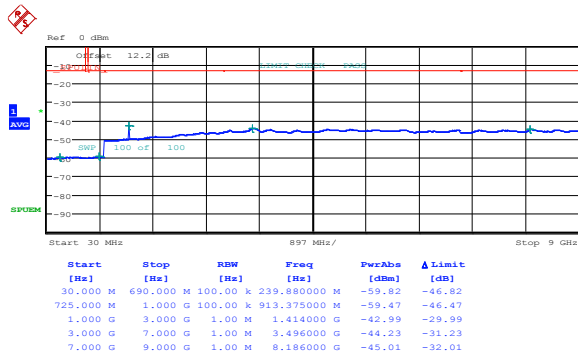


Date: 18.JUL.2014 09:26:26



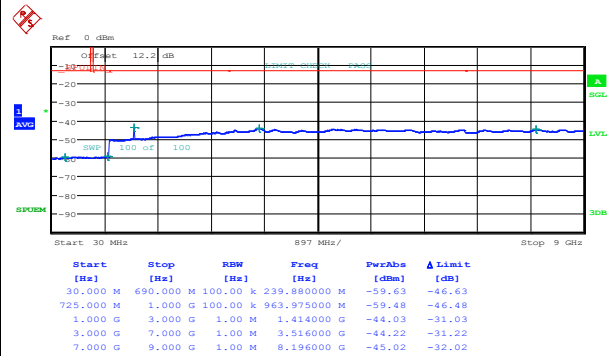
## LTE Band 17 / 10MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 09:33:02

## Highest Channel / 16QAM

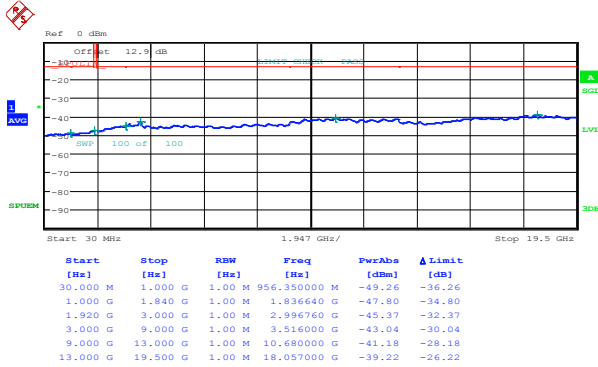


Date: 18.JUL.2014 09:34:28



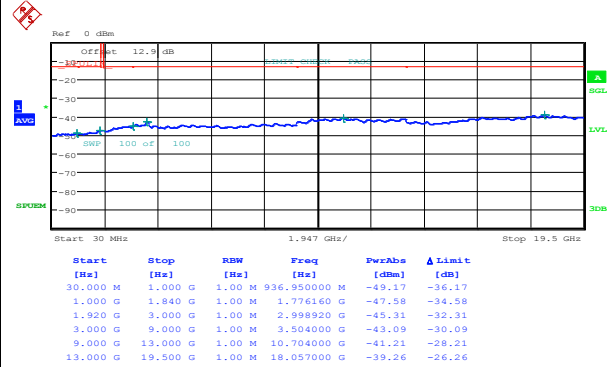
## LTE Band 25 / 1.4MHz

## Lowest Channel / QPSK



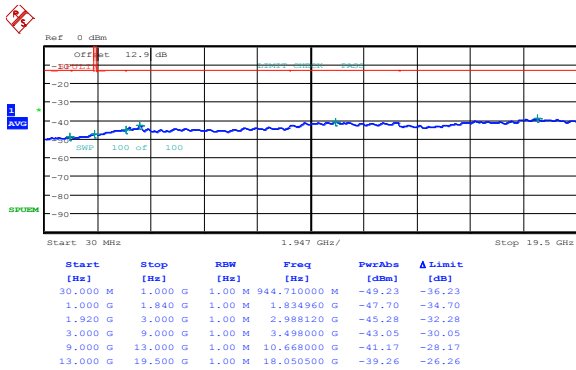
Date: 17.JUL.2014 21:00:41

## Lowest Channel / 16QAM



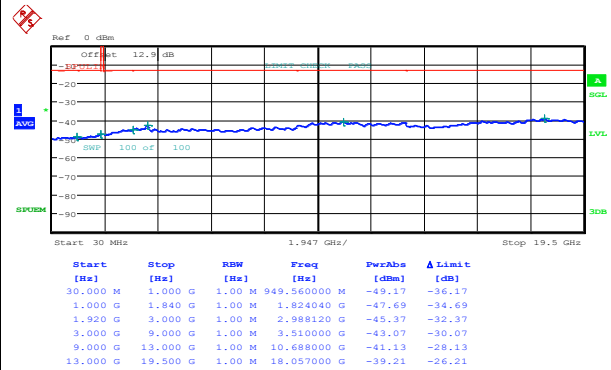
Date: 17.JUL.2014 21:01:40

## Middle Channel / QPSK



Date: 17.JUL.2014 21:03:39

## Middle Channel / 16QAM

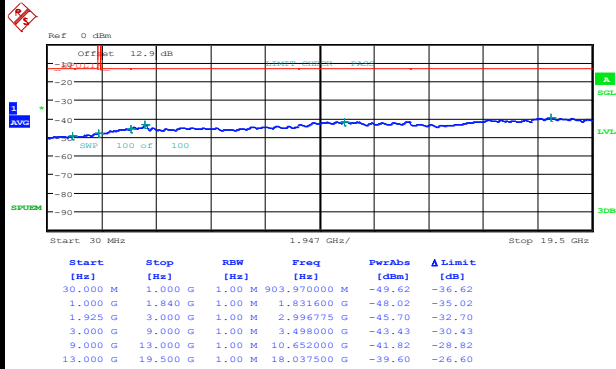


Date: 17.JUL.2014 21:04:37



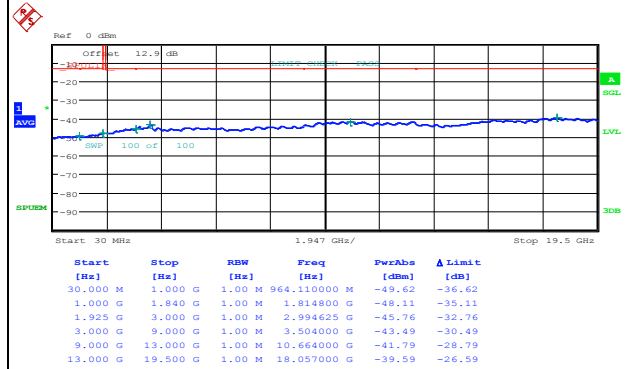
## LTE Band 25 / 1.4MHz

## Highest Channel / QPSK



Date: 15.SEP.2014 18:24:36

## Highest Channel / 16QAM

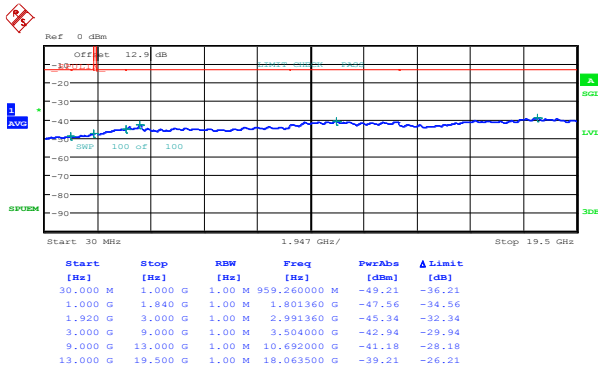


Date: 15.SEP.2014 18:25:31



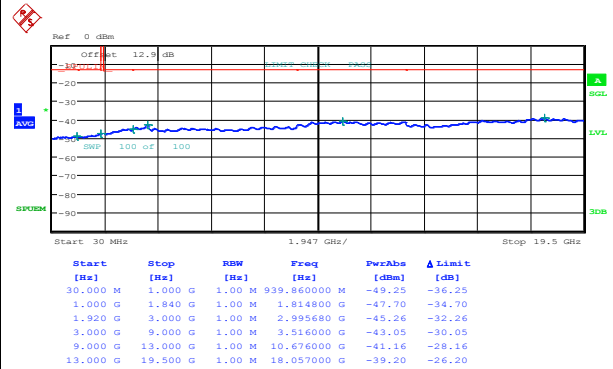
## LTE Band 25 / 3MHz

## Lowest Channel / QPSK



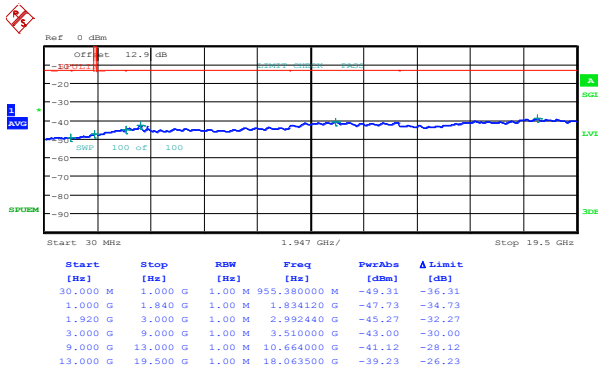
Date: 17.JUL.2014 21:15:41

## Lowest Channel / 16QAM



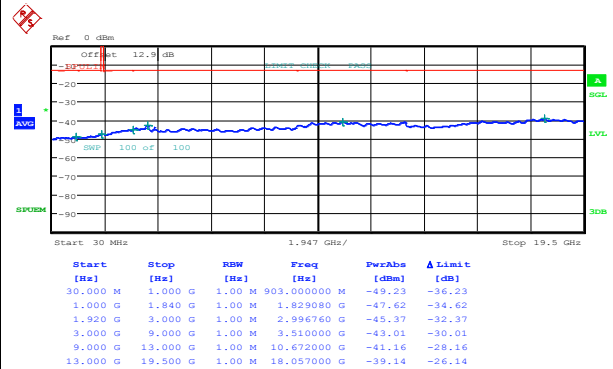
Date: 17.JUL.2014 21:16:40

## Middle Channel / QPSK



Date: 17.JUL.2014 21:18:39

## Middle Channel / 16QAM

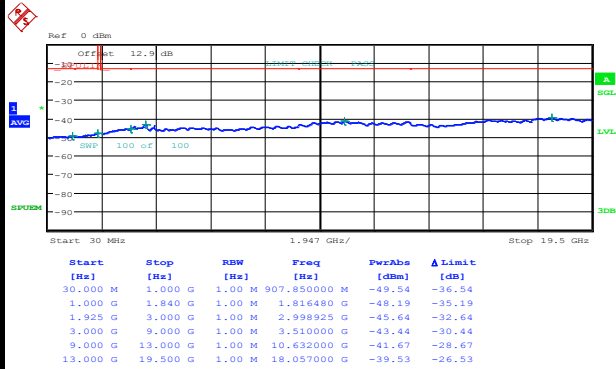


Date: 17.JUL.2014 21:19:38



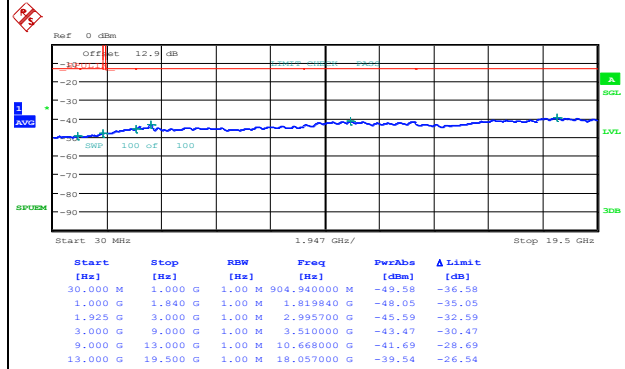
## LTE Band 25 / 3MHz

## Highest Channel / QPSK



Date: 15.SEP.2014 18:30:29

## Highest Channel / 16QAM

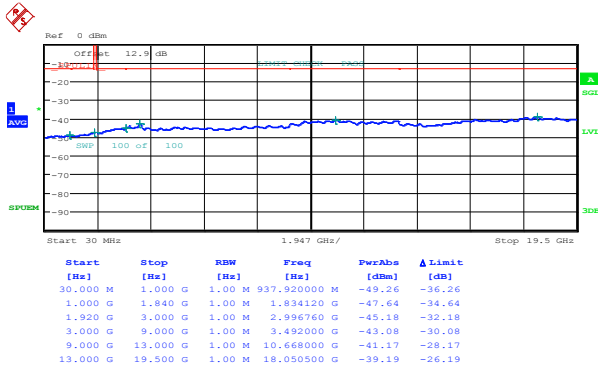


Date: 15.SEP.2014 18:31:23



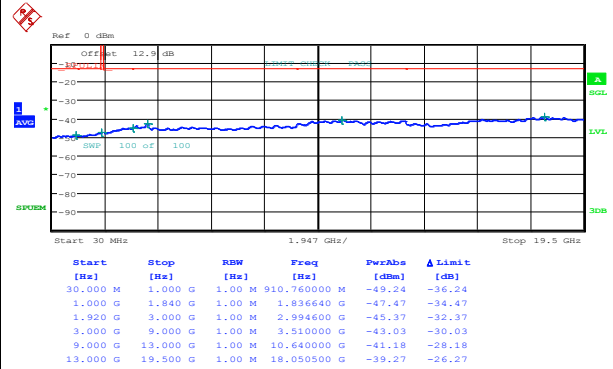
## LTE Band 25 / 5MHz

## Lowest Channel / QPSK



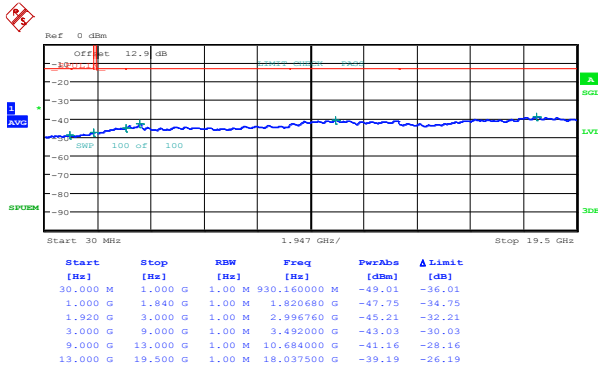
Date: 17.JUL.2014 21:30:44

## Lowest Channel / 16QAM



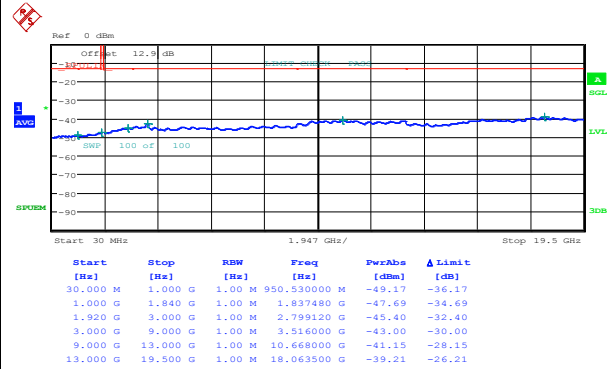
Date: 17.JUL.2014 21:31:42

## Middle Channel / QPSK



Date: 17.JUL.2014 21:33:41

## Middle Channel / 16QAM

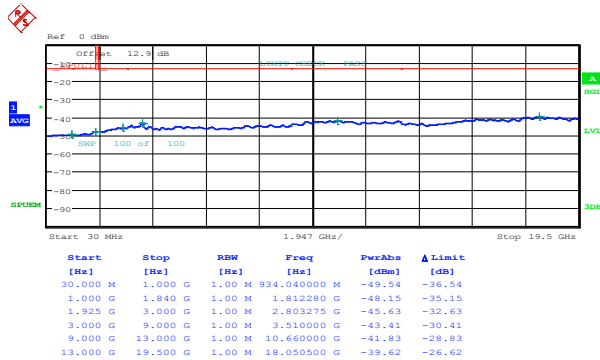


Date: 17.JUL.2014 21:34:39



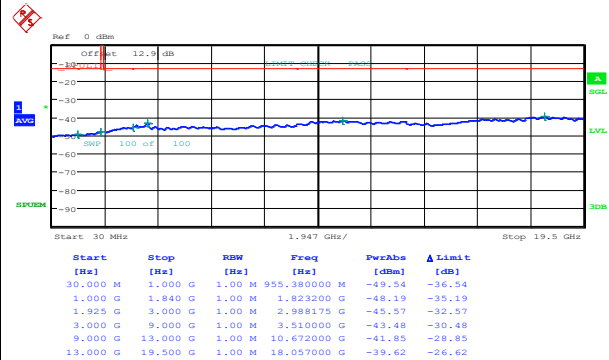
## LTE Band 25 / 5MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 14:12:40

## Highest Channel / 16QAM

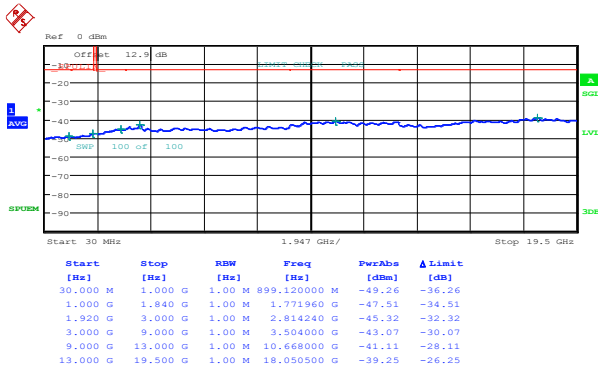


Date: 18.JUL.2014 14:13:50



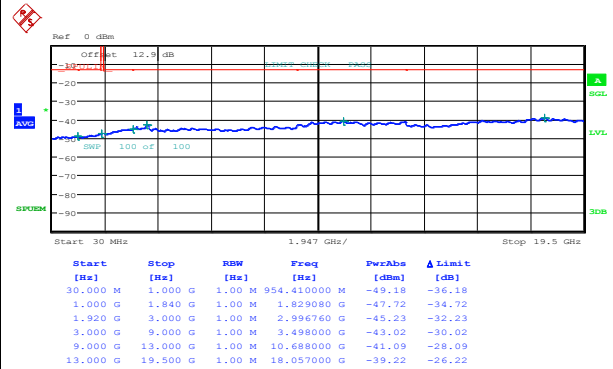
## LTE Band 25 / 10MHz

## Lowest Channel / QPSK



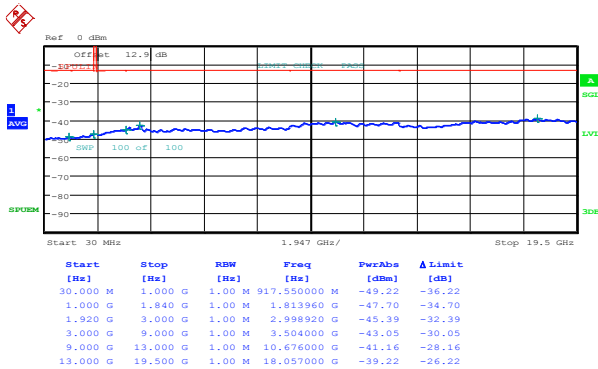
Date: 17.JUL.2014 21:45:43

## Lowest Channel / 16QAM



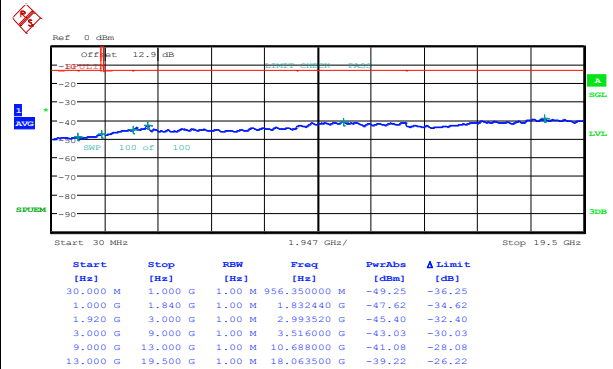
Date: 17.JUL.2014 21:46:42

## Middle Channel / QPSK



Date: 17.JUL.2014 21:48:41

## Middle Channel / 16QAM

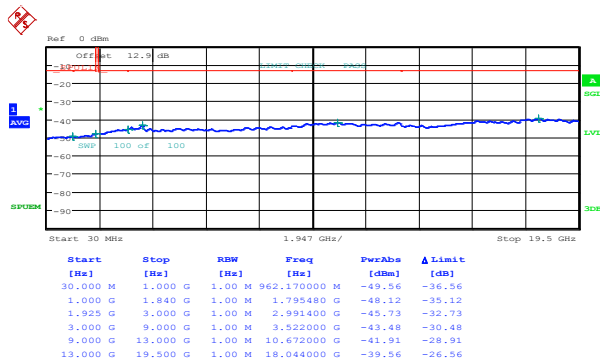


Date: 17.JUL.2014 21:49:39



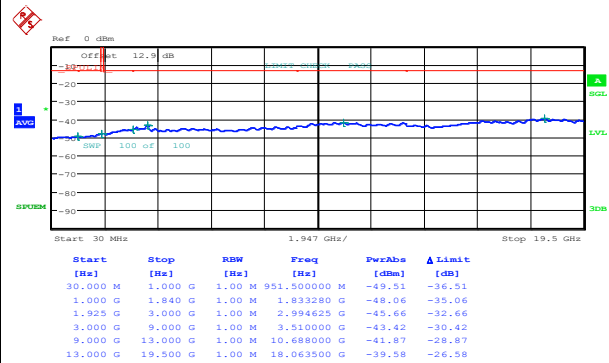
## LTE Band 25 / 10MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 14:20:34

## Highest Channel / 16QAM

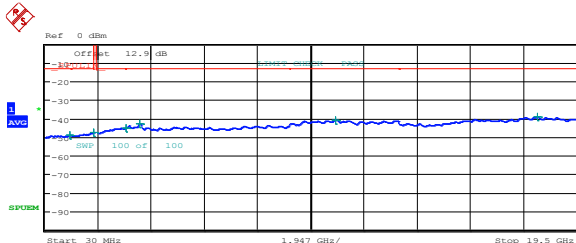


Date: 18.JUL.2014 14:21:44



## LTE Band 25 / 15MHz

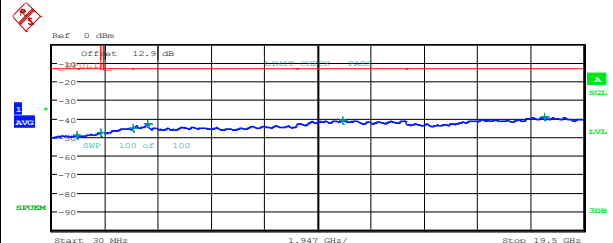
## Lowest Channel / QPSK



| Start    | Stop     | RBW    | Freq         | PwrAbs | Δ Limit |
|----------|----------|--------|--------------|--------|---------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]    |
| 30.000 M | 1.000 G  | 1.00 M | 925.310000 M | -49.20 | -36.20  |
| 1.000 G  | 1.840 G  | 1.00 M | 1.792960 G   | -47.62 | -34.62  |
| 1.920 G  | 3.000 G  | 1.00 M | 2.997840 G   | -45.28 | -32.28  |
| 3.000 G  | 9.000 G  | 1.00 M | 3.492000 G   | -43.07 | -30.07  |
| 9.000 G  | 13.000 G | 1.00 M | 10.680000 G  | -41.14 | -28.14  |
| 13.000 G | 19.500 G | 1.00 M | 18.057000 G  | -39.20 | -26.20  |

Date: 17.JUL.2014 22:00:43

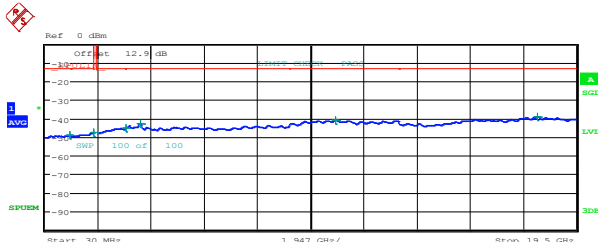
## Lowest Channel / 16QAM



| Start    | Stop     | RBW    | Freq         | PwrAbs | Δ Limit |
|----------|----------|--------|--------------|--------|---------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]    |
| 30.000 M | 1.000 G  | 1.00 M | 937.920000 M | -49.24 | -36.24  |
| 1.000 G  | 1.840 G  | 1.00 M | 1.805560 G   | -47.68 | -34.68  |
| 1.920 G  | 3.000 G  | 1.00 M | 2.992440 G   | -45.35 | -32.35  |
| 3.000 G  | 9.000 G  | 1.00 M | 3.510000 G   | -43.02 | -30.02  |
| 9.000 G  | 13.000 G | 1.00 M | 10.680000 G  | -41.15 | -28.15  |
| 13.000 G | 19.500 G | 1.00 M | 18.057000 G  | -39.21 | -26.21  |

Date: 17.JUL.2014 22:01:42

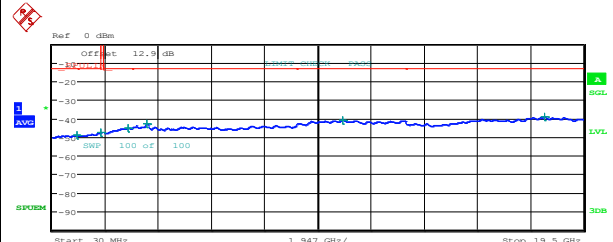
## Middle Channel / QPSK



| Start    | Stop     | RBW    | Freq         | PwrAbs | Δ Limit |
|----------|----------|--------|--------------|--------|---------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]    |
| 30.000 M | 1.000 G  | 1.00 M | 928.220000 M | -49.14 | -36.14  |
| 1.000 G  | 1.840 G  | 1.00 M | 1.820680 G   | -47.75 | -34.75  |
| 1.920 G  | 3.000 G  | 1.00 M | 2.997840 G   | -45.18 | -32.18  |
| 3.000 G  | 9.000 G  | 1.00 M | 3.516000 G   | -43.00 | -30.00  |
| 9.000 G  | 13.000 G | 1.00 M | 10.672000 G  | -41.07 | -28.07  |
| 13.000 G | 19.500 G | 1.00 M | 18.050500 G  | -39.21 | -26.21  |

Date: 17.JUL.2014 22:03:42

## Middle Channel / 16QAM



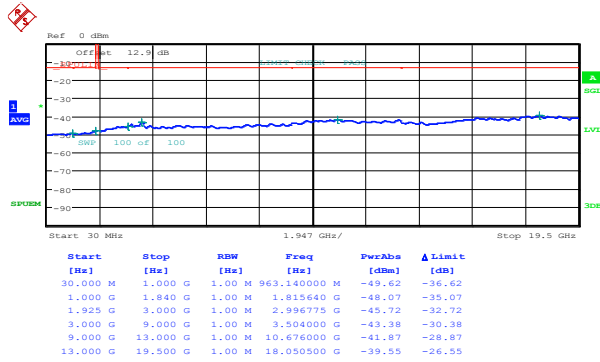
| Start    | Stop     | RBW    | Freq         | PwrAbs | Δ Limit |
|----------|----------|--------|--------------|--------|---------|
| [Hz]     | [Hz]     | [Hz]   | [Hz]         | [dBm]  | [dB]    |
| 30.000 M | 1.000 G  | 1.00 M | 924.340000 M | -49.26 | -36.26  |
| 1.000 G  | 1.840 G  | 1.00 M | 1.824040 G   | -47.62 | -34.62  |
| 1.920 G  | 3.000 G  | 1.00 M | 2.811000 G   | -45.37 | -32.37  |
| 3.000 G  | 9.000 G  | 1.00 M | 3.504000 G   | -43.03 | -30.03  |
| 9.000 G  | 13.000 G | 1.00 M | 10.676000 G  | -41.08 | -28.08  |
| 13.000 G | 19.500 G | 1.00 M | 18.063500 G  | -39.20 | -26.20  |

Date: 17.JUL.2014 22:04:40



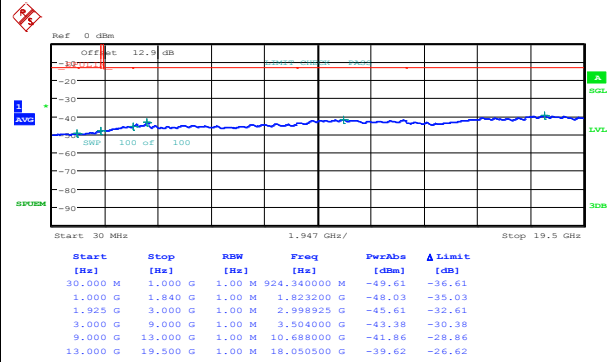
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 14:28:23

## Highest Channel / 16QAM

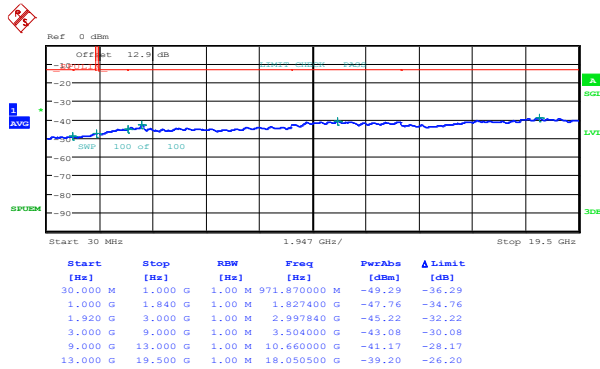


Date: 18.JUL.2014 14:29:33



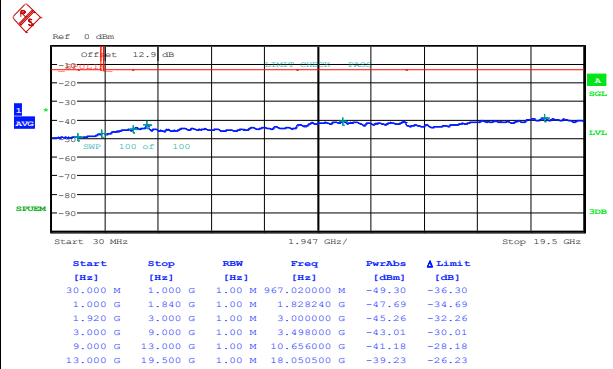
## LTE Band 25 / 20MHz

## Lowest Channel / QPSK



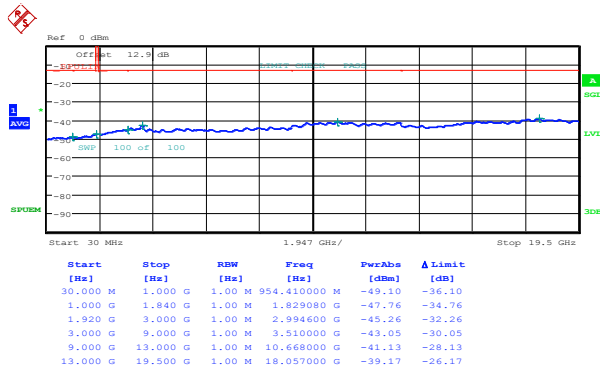
Date: 17.JUL.2014 22:15:44

## Lowest Channel / 16QAM



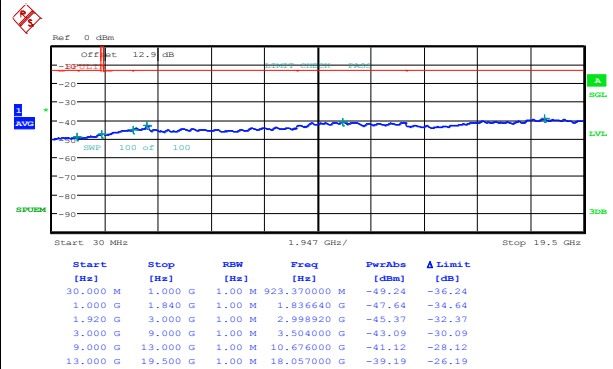
Date: 17.JUL.2014 22:16:43

## Middle Channel / QPSK



Date: 17.JUL.2014 22:18:42

## Middle Channel / 16QAM

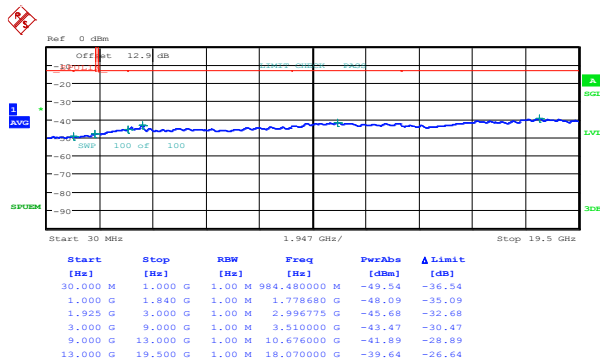


Date: 17.JUL.2014 22:19:40



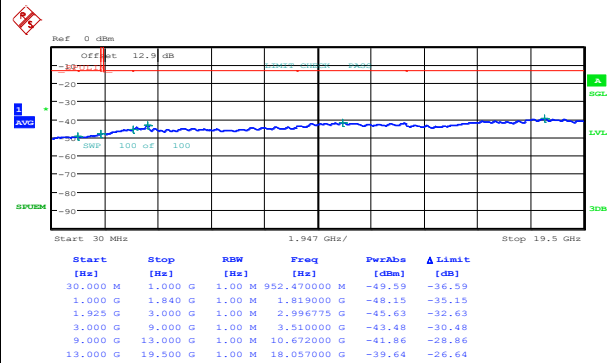
## LTE Band 25 / 20MHz

## Highest Channel / QPSK



Date: 18.JUL.2014 14:36:12

## Highest Channel / 16QAM



Date: 18.JUL.2014 14:37:21

**Frequency Stability**

| Test Conditions     |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation (ppm)                    | Result  |
| 50                  | Normal Voltage    | 0.0010                             | PASS    |
| 40                  | Normal Voltage    | 0.0005                             |         |
| 30                  | Normal Voltage    | 0.0023                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0009                             |         |
| 0                   | Normal Voltage    | 0.0012                             |         |
| -10                 | Normal Voltage    | 0.0016                             |         |
| -20                 | Normal Voltage    | 0.0010                             |         |
| -30                 | Normal Voltage    | 0.0004                             |         |
| 20                  | Maximum Voltage   | 0.0015                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0019                             |         |

**Note:**

1. Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation (ppm)                    | Result  |
| 50                  | Normal Voltage    | 0.0026                             | PASS    |
| 40                  | Normal Voltage    | 0.0008                             |         |
| 30                  | Normal Voltage    | 0.0012                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0006                             |         |
| 0                   | Normal Voltage    | 0.0005                             |         |
| -10                 | Normal Voltage    | 0.0006                             |         |
| -20                 | Normal Voltage    | 0.0025                             |         |
| -30                 | Normal Voltage    | 0.0003                             |         |
| 20                  | Maximum Voltage   | 0.0008                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0014                             |         |

**Note:**

1. Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 5 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | 2.5 ppm |
|                     |                   | Deviation (ppm)                    | Result  |
| 50                  | Normal Voltage    | 0.0036                             | PASS    |
| 40                  | Normal Voltage    | 0.0017                             |         |
| 30                  | Normal Voltage    | 0.0010                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0006                             |         |
| 0                   | Normal Voltage    | 0.0013                             |         |
| -10                 | Normal Voltage    | 0.0036                             |         |
| -20                 | Normal Voltage    | 0.0020                             |         |
| -30                 | Normal Voltage    | 0.0023                             |         |
| 20                  | Maximum Voltage   | 0.0029                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0014                             |         |

**Note:** Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V



| Test Conditions     |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation (ppm)                    | Result  |
| 50                  | Normal Voltage    | 0.0008                             | PASS    |
| 40                  | Normal Voltage    | 0.0019                             |         |
| 30                  | Normal Voltage    | 0.0011                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0007                             |         |
| 0                   | Normal Voltage    | 0.0002                             |         |
| -10                 | Normal Voltage    | 0.0013                             |         |
| -20                 | Normal Voltage    | 0.0000                             |         |
| -30                 | Normal Voltage    | 0.0013                             |         |
| 20                  | Maximum Voltage   | 0.0001                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0007                             |         |

**Note:**

1. Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 13 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0028                              | PASS    |
| 40                  | Normal Voltage    | 0.0133                              |         |
| 30                  | Normal Voltage    | 0.0026                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0121                              |         |
| 0                   | Normal Voltage    | 0.0147                              |         |
| -10                 | Normal Voltage    | 0.0137                              |         |
| -20                 | Normal Voltage    | 0.0019                              |         |
| -30                 | Normal Voltage    | 0.0020                              |         |
| 20                  | Maximum Voltage   | 0.0119                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0019                              |         |

**Note:**

1. Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0007                              | PASS    |
| 40                  | Normal Voltage    | 0.0025                              |         |
| 30                  | Normal Voltage    | 0.0017                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0021                              |         |
| 0                   | Normal Voltage    | 0.0013                              |         |
| -10                 | Normal Voltage    | 0.0025                              |         |
| -20                 | Normal Voltage    | 0.0006                              |         |
| -30                 | Normal Voltage    | 0.0011                              |         |
| 20                  | Maximum Voltage   | 0.0017                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0013                              |         |

**Note:**

1. Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 25 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0040                              | PASS    |
| 40                  | Normal Voltage    | 0.0037                              |         |
| 30                  | Normal Voltage    | 0.0007                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0038                              |         |
| 0                   | Normal Voltage    | 0.0003                              |         |
| -10                 | Normal Voltage    | 0.0006                              |         |
| -20                 | Normal Voltage    | 0.0046                              |         |
| -30                 | Normal Voltage    | 0.0047                              |         |
| 20                  | Maximum Voltage   | 0.0006                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0012                              |         |

**Note:**

1. Normal Voltage = 3.80V; Battery End Point (BEP) = 3.60 V; Maximum Voltage =4.20 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

### ERP/EIRP

| LTE Band 2 / 1.4MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 22.40      | 0.174   | 23.26     | 0.212   |
| Middle              |            | 1    | 0      | 22.36      | 0.172   | 23.28     | 0.213   |
| Highest             |            | 1    | 0      | 21.20      | 0.132   | 22.53     | 0.179   |
| Lowest              | 16QAM      | 1    | 0      | 21.35      | 0.136   | 22.29     | 0.169   |
| Middle              |            | 1    | 0      | 21.37      | 0.137   | 22.34     | 0.171   |
| Highest             |            | 1    | 0      | 20.26      | 0.106   | 21.56     | 0.143   |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 3MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 22.38      | 0.173   | 23.24     | 0.211   |
| Middle            |            | 1    | 0      | 22.22      | 0.167   | 23.24     | 0.211   |
| Highest           |            | 1    | 0      | 21.24      | 0.133   | 22.55     | 0.180   |
| Lowest            | 16QAM      | 1    | 0      | 21.33      | 0.136   | 22.29     | 0.169   |
| Middle            |            | 1    | 0      | 21.25      | 0.133   | 22.28     | 0.169   |
| Highest           |            | 1    | 0      | 20.28      | 0.107   | 21.54     | 0.143   |
| Limit             | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 5MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 22.33      | 0.171   | 23.23     | 0.210   |
| Middle            |            | 1    | 0      | 22.04      | 0.160   | 23.13     | 0.206   |
| Highest           |            | 1    | 0      | 21.58      | 0.144   | 22.61     | 0.182   |
| Lowest            | 16QAM      | 1    | 0      | 21.32      | 0.136   | 22.20     | 0.166   |
| Middle            |            | 1    | 0      | 21.08      | 0.128   | 22.11     | 0.163   |
| Highest           |            | 1    | 0      | 20.54      | 0.113   | 21.60     | 0.145   |
| Limit             | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 2 / 10MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.11      | 0.163   | 23.32     | 0.215   |
| Middle             |            | 1    | 0      | 21.93      | 0.156   | 23.14     | 0.206   |
| Highest            |            | 1    | 0      | 22.01      | 0.159   | 22.97     | 0.198   |
| Lowest             | 16QAM      | 1    | 0      | 21.16      | 0.131   | 22.36     | 0.172   |
| Middle             |            | 1    | 0      | 21.01      | 0.126   | 22.17     | 0.165   |
| Highest            |            | 1    | 0      | 21.03      | 0.127   | 21.89     | 0.155   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 15MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.09      | 0.162   | 23.31     | 0.214   |
| Middle             |            | 1    | 0      | 22.14      | 0.164   | 23.38     | 0.218   |
| Highest            |            | 1    | 0      | 22.09      | 0.162   | 23.11     | 0.205   |
| Lowest             | 16QAM      | 1    | 0      | 21.08      | 0.128   | 22.31     | 0.170   |
| Middle             |            | 1    | 0      | 21.16      | 0.131   | 22.34     | 0.171   |
| Highest            |            | 1    | 0      | 21.10      | 0.129   | 22.17     | 0.165   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 20MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.06      | 0.161   | 23.30     | 0.214   |
| Middle             |            | 1    | 0      | 22.17      | 0.165   | 23.35     | 0.216   |
| Highest            |            | 1    | 0      | 22.07      | 0.161   | 22.95     | 0.197   |
| Lowest             | 16QAM      | 1    | 0      | 21.11      | 0.129   | 22.31     | 0.170   |
| Middle             |            | 1    | 0      | 21.22      | 0.132   | 22.33     | 0.171   |
| Highest            |            | 1    | 0      | 21.15      | 0.130   | 21.15     | 0.130   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 4 / 1.4MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 23.05      | 0.202   | 23.79     | 0.239   |
| Middle              |            | 1    | 0      | 23.17      | 0.207   | 23.80     | 0.240   |
| Highest             |            | 1    | 0      | 23.32      | 0.215   | 24.15     | 0.260   |
| Lowest              | 16QAM      | 1    | 0      | 22.02      | 0.159   | 22.76     | 0.189   |
| Middle              |            | 1    | 0      | 22.09      | 0.162   | 22.73     | 0.187   |
| Highest             |            | 1    | 0      | 22.17      | 0.165   | 22.17     | 0.165   |
| Limit               | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 3MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 23.18      | 0.208   | 23.72     | 0.236   |
| Middle            |            | 1    | 0      | 23.23      | 0.210   | 23.72     | 0.236   |
| Highest           |            | 1    | 0      | 23.29      | 0.213   | 24.02     | 0.252   |
| Lowest            | 16QAM      | 1    | 0      | 22.10      | 0.162   | 22.66     | 0.185   |
| Middle            |            | 1    | 0      | 22.18      | 0.165   | 22.71     | 0.187   |
| Highest           |            | 1    | 0      | 22.23      | 0.167   | 23.05     | 0.202   |
| Limit             | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 5MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 23.23      | 0.210   | 23.62     | 0.230   |
| Middle            |            | 1    | 0      | 23.23      | 0.210   | 23.69     | 0.234   |
| Highest           |            | 1    | 0      | 23.28      | 0.213   | 24.18     | 0.262   |
| Lowest            | 16QAM      | 1    | 0      | 22.19      | 0.166   | 22.57     | 0.181   |
| Middle            |            | 1    | 0      | 22.21      | 0.166   | 22.65     | 0.184   |
| Highest           |            | 1    | 0      | 22.22      | 0.167   | 23.06     | 0.202   |
| Limit             | EIRP < 1W  |      |        | Result     |         | PASS      |         |



| LTE Band 4/ 10MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 23.25      | 0.211   | 23.63     | 0.231   |
| Middle            |            | 1    | 0      | 22.97      | 0.198   | 23.68     | 0.233   |
| Highest           |            | 1    | 0      | 23.10      | 0.204   | 24.41     | 0.276   |
| Lowest            | 16QAM      | 1    | 0      | 22.22      | 0.167   | 22.61     | 0.182   |
| Middle            |            | 1    | 0      | 21.95      | 0.157   | 22.67     | 0.185   |
| Highest           |            | 1    | 0      | 21.96      | 0.157   | 23.36     | 0.217   |
| Limit             | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 15MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 23.01      | 0.200   | 23.78     | 0.239   |
| Middle             |            | 1    | 0      | 22.74      | 0.188   | 23.82     | 0.241   |
| Highest            |            | 1    | 0      | 23.45      | 0.221   | 23.69     | 0.234   |
| Lowest             | 16QAM      | 1    | 0      | 22.05      | 0.160   | 22.72     | 0.187   |
| Middle             |            | 1    | 0      | 21.71      | 0.148   | 22.78     | 0.190   |
| Highest            |            | 1    | 0      | 22.44      | 0.175   | 22.70     | 0.186   |
| Limit              | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 20MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.98      | 0.199   | 23.84     | 0.242   |
| Middle             |            | 1    | 0      | 22.88      | 0.194   | 23.82     | 0.241   |
| Highest            |            | 1    | 0      | 22.99      | 0.199   | 24.01     | 0.252   |
| Lowest             | 16QAM      | 1    | 0      | 21.92      | 0.156   | 22.80     | 0.191   |
| Middle             |            | 1    | 0      | 21.85      | 0.153   | 22.77     | 0.189   |
| Highest            |            | 1    | 0      | 22.02      | 0.159   | 22.98     | 0.199   |
| Limit              | EIRP < 1W  |      |        | Result     |         | PASS      |         |



| LTE Band 5 / 1.4MHz |            |      |        |            |        |          |        |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel             | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                     |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest              | QPSK       | 1    | 0      | 10.38      | 0.011  | 18.80    | 0.076  |
| Middle              |            | 1    | 0      | 10.35      | 0.011  | 19.05    | 0.080  |
| Highest             |            | 1    | 0      | 10.02      | 0.010  | 19.12    | 0.082  |
| Lowest              | 16QAM      | 1    | 0      | 9.33       | 0.009  | 17.76    | 0.060  |
| Middle              |            | 1    | 0      | 9.33       | 0.009  | 18.00    | 0.063  |
| Highest             |            | 1    | 0      | 9.03       | 0.008  | 17.93    | 0.062  |
| Limit               | ERP < 7W   |      |        | Result     |        | PASS     |        |

| LTE Band 5 / 3MHz |            |      |        |            |        |          |        |
|-------------------|------------|------|--------|------------|--------|----------|--------|
| Channel           | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                   |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest            | QPSK       | 1    | 0      | 10.34      | 0.011  | 18.78    | 0.076  |
| Middle            |            | 1    | 0      | 10.29      | 0.011  | 18.96    | 0.079  |
| Highest           |            | 1    | 0      | 9.93       | 0.010  | 19.04    | 0.080  |
| Lowest            | 16QAM      | 1    | 0      | 9.19       | 0.008  | 17.73    | 0.059  |
| Middle            |            | 1    | 0      | 9.26       | 0.008  | 17.91    | 0.062  |
| Highest           |            | 1    | 0      | 8.89       | 0.008  | 17.75    | 0.060  |
| Limit             | ERP < 7W   |      |        | Result     |        | PASS     |        |

| LTE Band 5 / 5MHz |            |      |        |            |        |          |        |
|-------------------|------------|------|--------|------------|--------|----------|--------|
| Channel           | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                   |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest            | QPSK       | 1    | 0      | 10.24      | 0.011  | 18.79    | 0.076  |
| Middle            |            | 1    | 0      | 10.20      | 0.010  | 18.93    | 0.078  |
| Highest           |            | 1    | 0      | 10.01      | 0.010  | 19.09    | 0.081  |
| Lowest            | 16QAM      | 1    | 0      | 9.22       | 0.008  | 17.63    | 0.058  |
| Middle            |            | 1    | 0      | 9.12       | 0.008  | 17.94    | 0.062  |
| Highest           |            | 1    | 0      | 9.02       | 0.008  | 17.94    | 0.062  |
| Limit             | ERP < 7W   |      |        | Result     |        | PASS     |        |



| LTE Band 5 / 10MHz |            |      |        |            |        |          |        |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel            | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                    |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest             | QPSK       | 1    | 0      | 10.02      | 0.010  | 18.68    | 0.074  |
| Middle             |            | 1    | 0      | 9.97       | 0.010  | 18.76    | 0.075  |
| Highest            |            | 1    | 0      | 10.05      | 0.010  | 19.03    | 0.080  |
| Lowest             | 16QAM      | 1    | 0      | 9.00       | 0.008  | 17.60    | 0.058  |
| Middle             |            | 1    | 0      | 8.95       | 0.008  | 17.71    | 0.059  |
| Highest            |            | 1    | 0      | 8.97       | 0.008  | 17.94    | 0.062  |
| Limit              | ERP < 7W   |      |        | Result     |        | PASS     |        |



| LTE Band 7 / 5MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 22.46      | 0.176   | 21.52     | 0.142   |
| Middle            |            | 1    | 0      | 22.67      | 0.185   | 22.43     | 0.175   |
| Highest           |            | 1    | 0      | 21.78      | 0.151   | 22.35     | 0.172   |
| Lowest            | 16QAM      | 1    | 0      | 21.55      | 0.143   | 20.70     | 0.117   |
| Middle            |            | 1    | 0      | 21.79      | 0.151   | 21.62     | 0.145   |
| Highest           |            | 1    | 0      | 20.92      | 0.124   | 21.65     | 0.146   |
| Limit             | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 10MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.83      | 0.192   | 21.71     | 0.148   |
| Middle             |            | 1    | 0      | 23.04      | 0.201   | 22.37     | 0.173   |
| Highest            |            | 1    | 0      | 22.23      | 0.167   | 22.52     | 0.179   |
| Lowest             | 16QAM      | 1    | 0      | 21.89      | 0.155   | 20.78     | 0.120   |
| Middle             |            | 1    | 0      | 22.07      | 0.161   | 21.44     | 0.139   |
| Highest            |            | 1    | 0      | 21.30      | 0.135   | 21.57     | 0.144   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 15MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.80      | 0.191   | 21.69     | 0.148   |
| Middle             |            | 1    | 0      | 22.99      | 0.199   | 22.32     | 0.171   |
| Highest            |            | 1    | 0      | 22.41      | 0.174   | 22.37     | 0.173   |
| Lowest             | 16QAM      | 1    | 0      | 21.85      | 0.153   | 20.84     | 0.121   |
| Middle             |            | 1    | 0      | 21.98      | 0.158   | 21.42     | 0.139   |
| Highest            |            | 1    | 0      | 21.52      | 0.142   | 21.46     | 0.140   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 7 / 20MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.76      | 0.189   | 21.69     | 0.148   |
| Middle             |            | 1    | 0      | 23.03      | 0.201   | 22.19     | 0.166   |
| Highest            |            | 1    | 0      | 22.67      | 0.185   | 22.46     | 0.176   |
| Lowest             | 16QAM      | 1    | 0      | 21.77      | 0.150   | 20.80     | 0.120   |
| Middle             |            | 1    | 0      | 22.04      | 0.160   | 21.29     | 0.135   |
| Highest            |            | 1    | 0      | 21.75      | 0.150   | 21.84     | 0.153   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 13 / 5MHz |            |      |        |            |        |          |        |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel            | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                    |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest             | QPSK       | 1    | 0      | 17.94      | 0.062  | 8.60     | 0.007  |
| Middle             |            | 1    | 0      | 17.80      | 0.060  | 8.36     | 0.007  |
| Highest            |            | 1    | 0      | 17.65      | 0.058  | 8.25     | 0.007  |
| Lowest             | 16QAM      | 1    | 0      | 16.88      | 0.049  | 7.52     | 0.006  |
| Middle             |            | 1    | 0      | 16.75      | 0.047  | 7.27     | 0.005  |
| Highest            |            | 1    | 0      | 16.69      | 0.047  | 7.25     | 0.005  |
| Limit              | ERP < 3W   |      |        | Result     |        | PASS     |        |

| LTE Band 13 / 10MHz |            |      |        |            |        |          |        |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel             | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                     |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest              | QPSK       | 1    | 0      | -          | -      | -        | -      |
| Middle              |            | 1    | 0      | 17.92      | 0.062  | 8.53     | 0.007  |
| Highest             |            | 1    | 0      | -          | -      | -        | -      |
| Lowest              | 16QAM      | 1    | 0      | -          | -      | -        | -      |
| Middle              |            | 1    | 0      | 16.86      | 0.049  | 7.49     | 0.006  |
| Highest             |            | 1    | 0      | -          | -      | -        | -      |
| Limit               | ERP < 3W   |      |        | Result     |        | PASS     |        |



| LTE Band 17 / 5MHz |            |      |        |            |        |          |        |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel            | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                    |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest             | QPSK       | 1    | 0      | 4.95       | 0.003  | 16.65    | 0.046  |
| Middle             |            | 1    | 0      | 5.91       | 0.004  | 17.18    | 0.052  |
| Highest            |            | 1    | 0      | 6.10       | 0.004  | 17.09    | 0.051  |
| Lowest             | 16QAM      | 1    | 0      | 3.90       | 0.002  | 15.60    | 0.036  |
| Middle             |            | 1    | 0      | 4.87       | 0.003  | 16.14    | 0.041  |
| Highest            |            | 1    | 0      | 5.06       | 0.003  | 16.03    | 0.040  |
| Limit              | ERP < 3W   |      |        | Result     |        | PASS     |        |

| LTE Band 17 / 10MHz |            |      |        |            |        |          |        |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel             | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                     |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest              | QPSK       | 1    | 0      | 4.81       | 0.003  | 16.76    | 0.047  |
| Middle              |            | 1    | 0      | 5.15       | 0.003  | 16.98    | 0.050  |
| Highest             |            | 1    | 0      | 5.62       | 0.004  | 17.11    | 0.051  |
| Lowest              | 16QAM      | 1    | 0      | 3.76       | 0.002  | 15.71    | 0.037  |
| Middle              |            | 1    | 0      | 4.10       | 0.003  | 15.94    | 0.039  |
| Highest             |            | 1    | 0      | 4.55       | 0.003  | 16.03    | 0.040  |
| Limit               | ERP < 3W   |      |        | Result     |        | PASS     |        |



| LTE Band 25 / 1.4MHz |            |      |        |            |         |           |         |
|----------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel              | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                      |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest               | QPSK       | 1    | 0      | 22.40      | 0.174   | 23.26     | 0.212   |
| Middle               |            | 1    | 0      | 22.36      | 0.172   | 23.28     | 0.213   |
| Highest              |            | 1    | 0      | 21.72      | 0.149   | 23.74     | 0.237   |
| Lowest               | 16QAM      | 1    | 0      | 21.35      | 0.136   | 22.29     | 0.169   |
| Middle               |            | 1    | 0      | 21.37      | 0.137   | 22.34     | 0.171   |
| Highest              |            | 1    | 0      | 20.70      | 0.117   | 22.73     | 0.187   |
| Limit                | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 25 / 3MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.38      | 0.173   | 23.24     | 0.211   |
| Middle             |            | 1    | 0      | 22.22      | 0.167   | 23.24     | 0.211   |
| Highest            |            | 1    | 0      | 21.52      | 0.142   | 23.28     | 0.213   |
| Lowest             | 16QAM      | 1    | 0      | 21.33      | 0.136   | 22.29     | 0.169   |
| Middle             |            | 1    | 0      | 21.25      | 0.133   | 22.28     | 0.169   |
| Highest            |            | 1    | 0      | 20.43      | 0.110   | 22.22     | 0.167   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 25 / 5MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.33      | 0.171   | 23.23     | 0.210   |
| Middle             |            | 1    | 0      | 22.04      | 0.160   | 23.13     | 0.206   |
| Highest            |            | 1    | 0      | 21.49      | 0.141   | 22.97     | 0.198   |
| Lowest             | 16QAM      | 1    | 0      | 21.32      | 0.136   | 22.20     | 0.166   |
| Middle             |            | 1    | 0      | 21.08      | 0.128   | 22.11     | 0.163   |
| Highest            |            | 1    | 0      | 20.37      | 0.109   | 21.85     | 0.153   |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 25 / 10MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 22.11      | 0.163   | 23.32     | 0.215   |
| Middle              |            | 1    | 0      | 21.93      | 0.156   | 23.14     | 0.206   |
| Highest             |            | 1    | 0      | 21.82      | 0.152   | 22.95     | 0.197   |
| Lowest              | 16QAM      | 1    | 0      | 21.16      | 0.131   | 22.36     | 0.172   |
| Middle              |            | 1    | 0      | 21.01      | 0.126   | 22.17     | 0.165   |
| Highest             |            | 1    | 0      | 20.69      | 0.117   | 21.85     | 0.153   |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 25 / 15MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 22.09      | 0.162   | 23.31     | 0.214   |
| Middle              |            | 1    | 0      | 22.14      | 0.164   | 23.38     | 0.218   |
| Highest             |            | 1    | 0      | 22.28      | 0.169   | 23.13     | 0.206   |
| Lowest              | 16QAM      | 1    | 0      | 21.08      | 0.128   | 22.31     | 0.170   |
| Middle              |            | 1    | 0      | 21.16      | 0.131   | 22.34     | 0.171   |
| Highest             |            | 1    | 0      | 21.12      | 0.129   | 22.03     | 0.160   |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 25 / 20MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 22.06      | 0.161   | 23.30     | 0.214   |
| Middle              |            | 1    | 0      | 22.17      | 0.165   | 23.35     | 0.216   |
| Highest             |            | 1    | 0      | 22.15      | 0.164   | 23.28     | 0.213   |
| Lowest              | 16QAM      | 1    | 0      | 21.11      | 0.129   | 22.31     | 0.170   |
| Middle              |            | 1    | 0      | 21.22      | 0.132   | 22.33     | 0.171   |
| Highest             |            | 1    | 0      | 21.08      | 0.128   | 22.18     | 0.165   |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

**Radiated Spurious Emission**

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 3700                 | -48.62          | -13              | -35.62                  | -66.19                  | -55.19                   | 1.67                       | 8.24                        | H                     |
|                                                 | 5550                 | -44.82          | -13              | -31.82                  | -67.04                  | -51.89                   | 2.65                       | 9.72                        | H                     |
|                                                 | 7400                 | -32.87          | -13              | -19.87                  | -62.04                  | -42.01                   | 2.46                       | 11.60                       | H                     |
|                                                 | 3700                 | -48.79          | -13              | -35.79                  | -67.01                  | -55.36                   | 1.67                       | 8.24                        | V                     |
|                                                 | 5550                 | -45.34          | -13              | -32.34                  | -68.36                  | -52.41                   | 2.65                       | 9.72                        | V                     |
|                                                 | 7400                 | -33.25          | -13              | -20.25                  | -62.13                  | -42.39                   | 2.46                       | 11.60                       | V                     |
| Middle                                          | 3758.6               | -49.54          | -13              | -36.54                  | -67.01                  | -56.16                   | 1.69                       | 8.31                        | H                     |
|                                                 | 5637.9               | -45.14          | -13              | -32.14                  | -68.07                  | -52.19                   | 2.70                       | 9.75                        | H                     |
|                                                 | 7517.2               | -35.24          | -13              | -22.24                  | -64.57                  | -44.63                   | 2.42                       | 11.81                       | H                     |
|                                                 | 3758.6               | -48.64          | -13              | -35.64                  | -67.54                  | -55.26                   | 1.69                       | 8.31                        | V                     |
|                                                 | 5637.9               | -45.14          | -13              | -32.14                  | -67.74                  | -52.19                   | 2.70                       | 9.75                        | V                     |
|                                                 | 7517.2               | -36.22          | -13              | -23.22                  | -65.6                   | -45.61                   | 2.42                       | 11.81                       | V                     |
| Highest                                         | 3819                 | -49.76          | -13              | -36.76                  | -67.37                  | -54.29                   | 1.70                       | 8.38                        | H                     |
|                                                 | 5725                 | -44.30          | -13              | -31.30                  | -67.8                   | -49.19                   | 2.75                       | 9.79                        | H                     |
|                                                 | 7634                 | -37.93          | -13              | -24.93                  | -66.65                  | -45.27                   | 2.39                       | 11.88                       | H                     |
|                                                 | 3819                 | -46.70          | -13              | -33.70                  | -65.47                  | -51.23                   | 1.70                       | 8.38                        | V                     |
|                                                 | 5725.8               | -45.32          | -13              | -32.32                  | -68.73                  | -50.21                   | 2.75                       | 9.79                        | V                     |
|                                                 | 7634.4               | -38.97          | -13              | -25.97                  | -66.94                  | -46.31                   | 2.39                       | 11.88                       | V                     |

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



| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 3700                 | -49.64          | -13              | -36.64                  | -66.75                  | -56.21                   | 1.67                       | 8.24                        | H                     |
|                                               | 5548                 | -46.17          | -13              | -33.17                  | -68.44                  | -53.24                   | 2.65                       | 9.72                        | H                     |
|                                               | 7403                 | -33.70          | -13              | -20.70                  | -62.84                  | -42.85                   | 2.46                       | 11.61                       | H                     |
|                                               | 3700                 | -48.64          | -13              | -35.64                  | -66.79                  | -55.21                   | 1.67                       | 8.24                        | V                     |
|                                               | 5548                 | -45.78          | -13              | -32.78                  | -68.06                  | -52.85                   | 2.65                       | 9.72                        | V                     |
|                                               | 7403                 | -33.96          | -13              | -20.96                  | -62.9                   | -43.11                   | 2.46                       | 11.61                       | V                     |
| Middle                                        | 3756                 | -48.95          | -13              | -35.95                  | -66.55                  | -55.57                   | 1.68                       | 8.31                        | H                     |
|                                               | 5639                 | -44.91          | -13              | -31.91                  | -67.64                  | -51.96                   | 2.71                       | 9.76                        | H                     |
|                                               | 7515                 | -35.83          | -13              | -22.83                  | -65.18                  | -45.21                   | 2.42                       | 11.81                       | H                     |
|                                               | 3756                 | -49.02          | -13              | -36.02                  | -67.4                   | -55.64                   | 1.68                       | 8.31                        | V                     |
|                                               | 5639                 | -44.43          | -13              | -31.43                  | -67.18                  | -51.48                   | 2.71                       | 9.76                        | V                     |
|                                               | 7515                 | -36.23          | -13              | -23.23                  | -65.27                  | -45.61                   | 2.42                       | 11.81                       | V                     |
| Highest                                       | 3812                 | -49.12          | -13              | -36.12                  | -66.87                  | -53.64                   | 1.70                       | 8.37                        | H                     |
|                                               | 5723                 | -44.93          | -13              | -31.93                  | -68.12                  | -49.82                   | 2.75                       | 9.79                        | H                     |
|                                               | 7627                 | -37.76          | -13              | -24.76                  | -65.99                  | -45.1                    | 2.39                       | 11.88                       | H                     |
|                                               | 3812                 | -47.82          | -13              | -34.82                  | -66.62                  | -52.34                   | 1.70                       | 8.37                        | V                     |
|                                               | 5723                 | -44.97          | -13              | -31.97                  | -68.18                  | -49.86                   | 2.75                       | 9.79                        | V                     |
|                                               | 7627                 | -37.97          | -13              | -24.97                  | -66.56                  | -45.31                   | 2.39                       | 11.88                       | V                     |

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



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 3700                 | -49.07          | -13              | -36.07                  | -65.83                  | -55.64                   | 1.67                       | 8.24                        | H                     |
|                                               | 5548                 | -45.11          | -13              | -32.11                  | -67.34                  | -52.18                   | 2.65                       | 9.72                        | H                     |
|                                               | 7403                 | -32.96          | -13              | -19.96                  | -62.04                  | -42.11                   | 2.46                       | 11.61                       | H                     |
|                                               | 3700                 | -47.61          | -13              | -34.61                  | -66.13                  | -54.18                   | 1.67                       | 8.24                        | V                     |
|                                               | 5548                 | -45.24          | -13              | -32.24                  | -67.57                  | -52.31                   | 2.65                       | 9.72                        | V                     |
|                                               | 7403                 | -34.03          | -13              | -21.03                  | -62.97                  | -43.18                   | 2.46                       | 11.61                       | V                     |
| Middle                                        | 3756                 | -49.84          | -13              | -36.84                  | -67.56                  | -56.46                   | 1.68                       | 8.31                        | H                     |
|                                               | 5632                 | -45.06          | -13              | -32.06                  | -67.73                  | -52.11                   | 2.70                       | 9.75                        | H                     |
|                                               | 7500                 | -34.82          | -13              | -21.82                  | -64.43                  | -44.19                   | 2.43                       | 11.80                       | H                     |
|                                               | 3756                 | -48.70          | -13              | -35.70                  | -67.42                  | -55.32                   | 1.68                       | 8.31                        | V                     |
|                                               | 5632                 | -44.59          | -13              | -31.59                  | -66.98                  | -51.64                   | 2.70                       | 9.75                        | V                     |
|                                               | 7508                 | -35.81          | -13              | -22.81                  | -65.05                  | -45.19                   | 2.43                       | 11.80                       | V                     |
| Highest                                       | 3812                 | -48.13          | -13              | -35.13                  | -65.46                  | -52.65                   | 1.70                       | 8.37                        | H                     |
|                                               | 5716                 | -44.47          | -13              | -31.47                  | -67.88                  | -49.36                   | 2.75                       | 9.79                        | H                     |
|                                               | 7620                 | -37.51          | -13              | -24.51                  | -65.85                  | -44.84                   | 2.39                       | 11.87                       | H                     |
|                                               | 3812                 | -47.96          | -13              | -34.96                  | -66.14                  | -52.48                   | 1.70                       | 8.37                        | V                     |
|                                               | 5716                 | -44.28          | -13              | -31.28                  | -67.24                  | -49.17                   | 2.75                       | 9.79                        | V                     |
|                                               | 7620                 | -37.78          | -13              | -24.78                  | -66.28                  | -45.11                   | 2.39                       | 11.87                       | V                     |

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



| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3700                 | -49.07          | -13              | -36.07                  | -65.89                  | -55.64                   | 1.67                       | 8.24                        | H                     |
|                                                | 5548                 | -45.10          | -13              | -32.10                  | -67.41                  | -52.17                   | 2.65                       | 9.72                        | H                     |
|                                                | 7403                 | -33.96          | -13              | -20.96                  | -63.06                  | -43.11                   | 2.46                       | 11.61                       | H                     |
|                                                | 3700                 | -47.79          | -13              | -34.79                  | -65.96                  | -54.36                   | 1.67                       | 8.24                        | V                     |
|                                                | 5548                 | -44.69          | -13              | -31.69                  | -66.84                  | -51.76                   | 2.65                       | 9.72                        | V                     |
|                                                | 7403                 | -33.74          | -13              | -20.74                  | -62.97                  | -42.89                   | 2.46                       | 11.61                       | V                     |
| Middle                                         | 3749                 | -49.61          | -13              | -36.61                  | -67.27                  | -56.23                   | 1.68                       | 8.30                        | H                     |
|                                                | 5625                 | -45.12          | -13              | -32.12                  | -67.7                   | -52.17                   | 2.70                       | 9.75                        | H                     |
|                                                | 7501                 | -34.37          | -13              | -21.37                  | -64.17                  | -43.74                   | 2.43                       | 11.80                       | H                     |
|                                                | 3749                 | -48.03          | -13              | -35.03                  | -66.41                  | -54.65                   | 1.68                       | 8.30                        | V                     |
|                                                | 5625                 | -45.09          | -13              | -32.09                  | 67.23                   | -52.14                   | 2.70                       | 9.75                        | V                     |
|                                                | 7501                 | -36.90          | -13              | -23.90                  | -65.99                  | -46.27                   | 2.43                       | 11.80                       | V                     |
| Highest                                        | 3798                 | -49.18          | -13              | -36.18                  | -66.48                  | -53.69                   | 1.70                       | 8.36                        | H                     |
|                                                | 5702                 | -44.86          | -13              | -31.86                  | -67.68                  | -49.75                   | 2.74                       | 9.78                        | H                     |
|                                                | 7599                 | -37.05          | -13              | -24.05                  | -65.56                  | -44.36                   | 2.40                       | 11.86                       | H                     |
|                                                | 3798                 | -47.85          | -13              | -34.85                  | -66.34                  | -52.36                   | 1.70                       | 8.36                        | V                     |
|                                                | 5702                 | -44.96          | -13              | -31.96                  | -67.92                  | -49.85                   | 2.74                       | 9.78                        | V                     |
|                                                | 7599                 | -37.86          | -13              | -24.86                  | -66.07                  | -45.17                   | 2.40                       | 11.86                       | V                     |

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



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3700                 | -48.44          | -13              | -35.44                  | -65.72                  | -55.01                   | 1.67                       | 8.24                        | H                     |
|                                                | 5550                 | -45.76          | -13              | -32.76                  | -67.95                  | -52.83                   | 2.65                       | 9.72                        | H                     |
|                                                | 7400                 | -33.10          | -13              | -20.10                  | -62.27                  | -42.24                   | 2.46                       | 11.60                       | H                     |
|                                                | 3700                 | -47.72          | -13              | -34.72                  | -66.31                  | -54.29                   | 1.67                       | 8.24                        | V                     |
|                                                | 5550                 | -46.32          | -13              | -33.32                  | -68.18                  | -53.39                   | 2.65                       | 9.72                        | V                     |
|                                                | 7400                 | -34.07          | -13              | -21.07                  | -62.74                  | -43.21                   | 2.46                       | 11.60                       | V                     |
| Middle                                         | 3742                 | -49.55          | -13              | -36.55                  | -67.52                  | -56.16                   | 1.68                       | 8.29                        | H                     |
|                                                | 5617.5               | -45.16          | -13              | -32.16                  | -67.76                  | -52.21                   | 2.69                       | 9.75                        | H                     |
|                                                | 7494                 | -34.57          | -13              | -21.57                  | -63.75                  | -43.93                   | 2.43                       | 11.79                       | H                     |
|                                                | 3742                 | -48.80          | -13              | -35.80                  | -67.19                  | -55.41                   | 1.68                       | 8.29                        | V                     |
|                                                | 5617.5               | -45.08          | -13              | -32.08                  | -67.44                  | -52.13                   | 2.69                       | 9.75                        | V                     |
|                                                | 7494                 | -35.35          | -13              | -22.35                  | -64.77                  | -44.71                   | 2.43                       | 11.79                       | V                     |
| Highest                                        | 3791                 | -49.70          | -13              | -36.70                  | -67                     | -54.2                    | 1.70                       | 8.35                        | H                     |
|                                                | 5685                 | -44.32          | -13              | -31.32                  | -67.8                   | -49.21                   | 2.73                       | 9.77                        | H                     |
|                                                | 7580                 | -35.92          | -13              | -22.92                  | -64.93                  | -43.21                   | 2.40                       | 11.85                       | H                     |
|                                                | 3791                 | -48.79          | -13              | -35.79                  | -67.44                  | -53.29                   | 1.70                       | 8.35                        | V                     |
|                                                | 5685                 | -44.27          | -13              | -31.27                  | -67.9                   | -49.16                   | 2.73                       | 9.77                        | V                     |
|                                                | 7580                 | -40.00          | -13              | -27.00                  | -68.92                  | -47.29                   | 2.40                       | 11.85                       | V                     |

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



| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3700                 | -49.64          | -13              | -36.64                  | -67.56                  | -56.21                   | 1.67                       | 8.24                        | H                     |
|                                                | 5550                 | -46.00          | -13              | -33.00                  | -68.13                  | -53.07                   | 2.65                       | 9.72                        | H                     |
|                                                | 7400                 | -33.94          | -13              | -20.94                  | -63.08                  | -43.08                   | 2.46                       | 11.60                       | H                     |
|                                                | 3700                 | -48.64          | -13              | -35.64                  | -67.07                  | -55.21                   | 1.67                       | 8.24                        | V                     |
|                                                | 5550                 | -45.84          | -13              | -32.84                  | -67.81                  | -52.91                   | 2.65                       | 9.72                        | V                     |
|                                                | 7400                 | -33.97          | -13              | -20.97                  | -62.49                  | -43.11                   | 2.46                       | 11.60                       | V                     |
| Middle                                         | 3742                 | -50.56          | -13              | -37.56                  | -68.03                  | -57.17                   | 1.68                       | 8.29                        | H                     |
|                                                | 5610                 | -46.02          | -13              | -33.02                  | -68.27                  | -53.08                   | 2.69                       | 9.74                        | H                     |
|                                                | 7487                 | -36.67          | -13              | -23.67                  | -66.01                  | -46.01                   | 2.43                       | 11.77                       | H                     |
|                                                | 3742                 | -49.66          | -13              | -36.66                  | -67.79                  | -56.27                   | 1.68                       | 8.29                        | V                     |
|                                                | 5610                 | -44.85          | -13              | -31.85                  | -67.42                  | -51.91                   | 2.69                       | 9.74                        | V                     |
|                                                | 7487                 | -35.69          | -13              | -22.69                  | -67.9                   | -45.03                   | 2.43                       | 11.77                       | V                     |
| Highest                                        | 3780                 | -49.64          | -13              | -36.64                  | -67.58                  | -54.13                   | 1.69                       | 8.34                        | H                     |
|                                                | 5670                 | -44.35          | -13              | -31.35                  | -68.01                  | -49.25                   | 2.72                       | 9.77                        | H                     |
|                                                | 7560                 | -39.04          | -13              | -26.04                  | -68.09                  | -46.32                   | 2.41                       | 11.84                       | H                     |
|                                                | 3780                 | -49.72          | -13              | -36.72                  | -67.86                  | -54.21                   | 1.69                       | 8.34                        | V                     |
|                                                | 5670                 | -44.92          | -13              | -31.92                  | -68.04                  | -49.82                   | 2.72                       | 9.77                        | V                     |
|                                                | 7560                 | -40.58          | -13              | -27.58                  | -69.11                  | -47.86                   | 2.41                       | 11.84                       | V                     |

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



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 3420                 | -50.05          | -13              | -37.05                  | -66.53                  | -56.12                   | 1.58                       | 7.65                        | H                     |
|                                                 | 5130                 | -47.99          | -13              | -34.99                  | -68.82                  | -55.28                   | 2.41                       | 9.70                        | H                     |
|                                                 | 6840                 | -38.62          | -13              | -25.62                  | -66.77                  | -46.59                   | 2.64                       | 10.61                       | H                     |
|                                                 | 3420                 | -48.20          | -13              | -35.20                  | -65.88                  | -54.27                   | 1.58                       | 7.65                        | V                     |
|                                                 | 5130                 | -47.90          | -13              | -34.90                  | -68.14                  | -55.19                   | 2.41                       | 9.70                        | V                     |
|                                                 | 6840                 | -40.55          | -13              | -27.55                  | -67.51                  | -48.52                   | 2.64                       | 10.61                       | V                     |
| Middle                                          | 3462                 | -49.99          | -13              | -36.99                  | -66.38                  | -56.23                   | 1.59                       | 7.83                        | H                     |
|                                                 | 5195                 | -46.06          | -13              | -33.06                  | -66.74                  | -53.31                   | 2.45                       | 9.70                        | H                     |
|                                                 | 6927                 | -39.41          | -13              | -26.41                  | -67.01                  | -47.51                   | 2.61                       | 10.71                       | H                     |
|                                                 | 3462                 | -49.05          | -13              | -36.05                  | -66.57                  | -55.29                   | 1.59                       | 7.83                        | V                     |
|                                                 | 5195                 | -46.11          | -13              | -33.11                  | -67.29                  | -53.36                   | 2.45                       | 9.70                        | V                     |
|                                                 | 6927                 | -40.47          | -13              | -27.47                  | -67.37                  | -48.57                   | 2.61                       | 10.71                       | V                     |
| Highest                                         | 3504                 | -48.81          | -13              | -35.81                  | -65.42                  | -55.21                   | 1.61                       | 8.00                        | H                     |
|                                                 | 5260.8               | -43.98          | -13              | -30.98                  | -64.67                  | -51.19                   | 2.49                       | 9.70                        | H                     |
|                                                 | 7014.4               | -39.05          | -13              | -26.05                  | -67.87                  | -47.29                   | 2.59                       | 10.83                       | H                     |
|                                                 | 3504                 | -47.79          | -13              | -34.79                  | -65.34                  | -54.19                   | 1.61                       | 8.00                        | V                     |
|                                                 | 5260.8               | -46.31          | -13              | -33.31                  | -67.17                  | -53.52                   | 2.49                       | 9.70                        | V                     |
|                                                 | 7014.4               | -40.07          | -13              | -27.07                  | -67.29                  | -48.31                   | 2.59                       | 10.83                       | V                     |

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



| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 3420                 | -50.14          | -13              | -37.14                  | -66.51                  | -56.21                   | 1.58                       | 7.65                        | H                     |
|                                               | 5130                 | -46.00          | -13              | -33.00                  | -66.71                  | -53.29                   | 2.41                       | 9.70                        | H                     |
|                                               | 6840                 | -38.24          | -13              | -25.24                  | -66.78                  | -46.21                   | 2.64                       | 10.61                       | H                     |
|                                               | 3420                 | -48.21          | -13              | -35.21                  | -65.54                  | -54.28                   | 1.58                       | 7.65                        | V                     |
|                                               | 5130                 | -47.10          | -13              | -34.10                  | -67.94                  | -54.39                   | 2.41                       | 9.70                        | V                     |
|                                               | 6840                 | -40.39          | -13              | -27.39                  | -67.64                  | -48.36                   | 2.64                       | 10.61                       | V                     |
| Middle                                        | 3462                 | -50.07          | -13              | -37.07                  | -66.29                  | -56.31                   | 1.59                       | 7.83                        | H                     |
|                                               | 5193                 | -45.90          | -13              | -32.90                  | -67.1                   | -53.15                   | 2.45                       | 9.70                        | H                     |
|                                               | 6924                 | -40.22          | -13              | -27.22                  | -68                     | -48.31                   | 2.62                       | 10.71                       | H                     |
|                                               | 3462                 | -49.77          | -13              | -36.77                  | -67.06                  | -56.01                   | 1.59                       | 7.83                        | V                     |
|                                               | 5193                 | -45.99          | -13              | -32.99                  | -66.91                  | -53.24                   | 2.45                       | 9.70                        | V                     |
|                                               | 6924                 | -39.92          | -13              | -26.92                  | -66.88                  | -48.01                   | 2.62                       | 10.71                       | V                     |
| Highest                                       | 3504                 | -48.81          | -13              | -35.81                  | -65.56                  | -55.21                   | 1.61                       | 8.00                        | H                     |
|                                               | 5256                 | -44.17          | -13              | -31.17                  | -65.13                  | -51.39                   | 2.48                       | 9.70                        | H                     |
|                                               | 7008                 | -39.13          | -13              | -26.13                  | -67.58                  | -47.36                   | 2.59                       | 10.82                       | H                     |
|                                               | 3504                 | -48.74          | -13              | -35.74                  | -66.23                  | -55.14                   | 1.61                       | 8.00                        | V                     |
|                                               | 5256                 | -47.11          | -13              | -34.11                  | -68.17                  | -54.33                   | 2.48                       | 9.70                        | V                     |
|                                               | 7008                 | -39.28          | -13              | -26.28                  | -67                     | -47.51                   | 2.59                       | 10.82                       | V                     |

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



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 3420                 | -49.10          | -13              | -36.10                  | -65.25                  | -55.17                   | 1.58                       | 7.65                        | H                     |
|                                               | 5130                 | -47.00          | -13              | -34.00                  | -67.44                  | -54.29                   | 2.41                       | 9.70                        | H                     |
|                                               | 6840                 | -39.16          | -13              | -26.16                  | -67.52                  | -47.13                   | 2.64                       | 10.61                       | H                     |
|                                               | 3420                 | -48.11          | -13              | -35.11                  | -65.74                  | -54.18                   | 1.58                       | 7.65                        | V                     |
|                                               | 5130                 | -47.10          | -13              | -34.10                  | -67.84                  | -54.39                   | 2.41                       | 9.70                        | V                     |
|                                               | 6840                 | -39.54          | -13              | -26.54                  | -66.79                  | -47.51                   | 2.64                       | 10.61                       | V                     |
| Middle                                        | 3462                 | -50.97          | -13              | -37.97                  | -66.93                  | -57.21                   | 1.59                       | 7.83                        | H                     |
|                                               | 5190                 | -44.06          | -13              | -31.06                  | -64.84                  | -51.31                   | 2.45                       | 9.70                        | H                     |
|                                               | 6920                 | -39.52          | -13              | -26.52                  | -67.4                   | -47.61                   | 2.62                       | 10.70                       | H                     |
|                                               | 3462                 | -48.87          | -13              | -35.87                  | -66.07                  | -55.11                   | 1.59                       | 7.83                        | V                     |
|                                               | 5190                 | -47.01          | -13              | -34.01                  | -68.02                  | -54.26                   | 2.45                       | 9.70                        | V                     |
|                                               | 6920                 | -41.08          | -13              | -28.08                  | -68.16                  | -49.17                   | 2.62                       | 10.70                       | V                     |
| Highest                                       | 3497                 | -49.74          | -13              | -36.74                  | -65.95                  | -56.12                   | 1.60                       | 7.99                        | H                     |
|                                               | 5250                 | -42.95          | -13              | -29.95                  | -63.64                  | -50.17                   | 2.48                       | 9.70                        | H                     |
|                                               | 7000                 | -37.40          | -13              | -24.40                  | -65.93                  | -45.61                   | 2.59                       | 10.80                       | H                     |
|                                               | 3497                 | -47.89          | -13              | -34.89                  | -65.95                  | -54.27                   | 1.60                       | 7.99                        | V                     |
|                                               | 5250                 | -46.82          | -13              | -33.82                  | -67.79                  | -54.04                   | 2.48                       | 9.70                        | V                     |
|                                               | 7000                 | -39.78          | -13              | -26.78                  | -67.24                  | -47.99                   | 2.59                       | 10.80                       | V                     |

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



| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3420                 | -50.14          | -13              | -37.14                  | -66.22                  | -56.21                   | 1.58                       | 7.65                        | H                     |
|                                                | 5130                 | -47.00          | -13              | -34.00                  | -67.18                  | -54.29                   | 2.41                       | 9.70                        | H                     |
|                                                | 6840                 | -39.94          | -13              | -26.94                  | -67.41                  | -47.91                   | 2.64                       | 10.61                       | H                     |
|                                                | 3420                 | -47.14          | -13              | -34.14                  | -64.64                  | -53.21                   | 1.58                       | 7.65                        | V                     |
|                                                | 5130                 | -46.64          | -13              | -33.64                  | -66.96                  | -53.93                   | 2.41                       | 9.70                        | V                     |
|                                                | 6840                 | -38.42          | -13              | -25.42                  | -66.04                  | -46.39                   | 2.64                       | 10.61                       | V                     |
| Middle                                         | 3455                 | -50.00          | -13              | -37.00                  | -66.46                  | -56.21                   | 1.59                       | 7.80                        | H                     |
|                                                | 5182.5               | -46.02          | -13              | -33.02                  | -66.77                  | -53.28                   | 2.44                       | 9.70                        | H                     |
|                                                | 6910                 | -39.86          | -13              | -26.86                  | -67.09                  | -47.93                   | 2.62                       | 10.69                       | H                     |
|                                                | 3455                 | -49.80          | -13              | -36.80                  | -67.1                   | -56.01                   | 1.59                       | 7.80                        | V                     |
|                                                | 5182.5               | -47.02          | -13              | -34.02                  | -67.72                  | -54.28                   | 2.44                       | 9.70                        | V                     |
|                                                | 6910                 | -40.94          | -13              | -27.94                  | -68.04                  | -49.01                   | 2.62                       | 10.69                       | V                     |
| Highest                                        | 3490                 | -48.68          | -13              | -35.68                  | -66.96                  | -55.03                   | 1.60                       | 7.96                        | H                     |
|                                                | 5235                 | -46.04          | -13              | -33.04                  | -64.71                  | -53.27                   | 2.47                       | 9.70                        | H                     |
|                                                | 6980                 | -40.21          | -13              | -27.21                  | -67.11                  | -48.39                   | 2.60                       | 10.78                       | H                     |
|                                                | 3490                 | -48.74          | -13              | -35.74                  | -66.07                  | -55.09                   | 1.60                       | 7.96                        | V                     |
|                                                | 5235                 | -46.06          | -13              | -33.06                  | -66.9                   | -53.29                   | 2.47                       | 9.70                        | V                     |
|                                                | 6980                 | -39.97          | -13              | -26.97                  | -67.6                   | -48.15                   | 2.60                       | 10.78                       | V                     |

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



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3420                 | -49.14          | -13              | -36.14                  | -64.81                  | -55.21                   | 1.58                       | 7.65                        | H                     |
|                                                | 5130                 | -46.10          | -13              | -33.10                  | -66.88                  | -53.39                   | 2.41                       | 9.70                        | H                     |
|                                                | 6840                 | -38.87          | -13              | -25.87                  | -66.51                  | -46.84                   | 2.64                       | 10.61                       | H                     |
|                                                | 3420                 | -47.74          | -13              | -34.74                  | -65.65                  | -53.81                   | 1.58                       | 7.65                        | V                     |
|                                                | 5130                 | -47.10          | -13              | -34.10                  | -67.55                  | -54.39                   | 2.41                       | 9.70                        | V                     |
|                                                | 6840                 | -40.49          | -13              | -27.49                  | -67.94                  | -48.46                   | 2.64                       | 10.61                       | V                     |
| Middle                                         | 3448                 | -50.83          | -13              | -37.83                  | -66.84                  | -57.01                   | 1.59                       | 7.77                        | H                     |
|                                                | 5175                 | -46.03          | -13              | -33.03                  | -66.6                   | -53.29                   | 2.44                       | 9.70                        | H                     |
|                                                | 6900                 | -39.92          | -13              | -26.92                  | -67.52                  | -47.98                   | 2.62                       | 10.68                       | H                     |
|                                                | 3448                 | -49.11          | -13              | -36.11                  | -66.69                  | -55.29                   | 1.59                       | 7.77                        | V                     |
|                                                | 5175                 | -46.38          | -13              | -33.38                  | -66.85                  | -53.64                   | 2.44                       | 9.70                        | V                     |
|                                                | 6900                 | -39.85          | -13              | -26.85                  | -67.47                  | -47.91                   | 2.62                       | 10.68                       | V                     |
| Highest                                        | 3483                 | -49.25          | -13              | -36.25                  | -65.64                  | -55.58                   | 1.60                       | 7.93                        | H                     |
|                                                | 5220                 | -45.47          | -13              | -32.47                  | -66.34                  | -52.71                   | 2.46                       | 9.70                        | H                     |
|                                                | 6960                 | -38.90          | -13              | -25.90                  | -67.34                  | -47.05                   | 2.60                       | 10.75                       | H                     |
|                                                | 3483                 | -48.95          | -13              | -35.95                  | -66.55                  | -55.28                   | 1.60                       | 7.93                        | V                     |
|                                                | 5220                 | -45.77          | -13              | -32.77                  | -66.53                  | -53.01                   | 2.46                       | 9.70                        | V                     |
|                                                | 6960                 | -39.40          | -13              | -26.40                  | -66.77                  | -47.55                   | 2.60                       | 10.75                       | V                     |

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



| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3420                 | -48.03          | -13              | -35.03                  | -64.88                  | -54.1                    | 1.58                       | 7.65                        | H                     |
|                                                | 5130                 | -47.81          | -13              | -34.81                  | -68.57                  | -55.1                    | 2.41                       | 9.70                        | H                     |
|                                                | 6840                 | -38.13          | -13              | -25.13                  | -66.39                  | -46.1                    | 2.64                       | 10.61                       | H                     |
|                                                | 3420                 | -46.43          | -13              | -33.43                  | -64.54                  | -52.5                    | 1.58                       | 7.65                        | V                     |
|                                                | 5130                 | -47.31          | -13              | -34.31                  | -68.6                   | -54.6                    | 2.41                       | 9.70                        | V                     |
|                                                | 6840                 | -39.93          | -13              | -26.93                  | -67.43                  | -47.9                    | 2.64                       | 10.61                       | V                     |
| Middle                                         | 3448                 | -48.92          | -13              | -35.92                  | -65.68                  | -55.1                    | 1.59                       | 7.77                        | H                     |
|                                                | 5168                 | -45.23          | -13              | -32.23                  | -66.62                  | -52.5                    | 2.43                       | 9.70                        | H                     |
|                                                | 6890                 | -38.96          | -13              | -25.96                  | -67.38                  | -47                      | 2.63                       | 10.67                       | H                     |
|                                                | 3448                 | -48.62          | -13              | -35.62                  | -67.04                  | -54.8                    | 1.59                       | 7.77                        | V                     |
|                                                | 5168                 | -46.03          | -13              | -33.03                  | -67.33                  | -53.3                    | 2.43                       | 9.70                        | V                     |
|                                                | 6890                 | -40.06          | -13              | -27.06                  | -67.61                  | -48.1                    | 2.63                       | 10.67                       | V                     |
| Highest                                        | 3470                 | -49.33          | -13              | -36.33                  | -66.16                  | -55.6                    | 1.59                       | 7.87                        | H                     |
|                                                | 5205                 | -43.36          | -13              | -30.36                  | -64.81                  | -50.6                    | 2.46                       | 9.70                        | H                     |
|                                                | 6940                 | -38.48          | -13              | -25.48                  | -67.12                  | -46.6                    | 2.61                       | 10.73                       | H                     |
|                                                | 3469                 | -47.63          | -13              | -34.63                  | -65.76                  | -53.9                    | 1.59                       | 7.86                        | V                     |
|                                                | 5205                 | -46.36          | -13              | -33.36                  | -67.85                  | -53.6                    | 2.46                       | 9.70                        | V                     |
|                                                | 6940                 | -38.48          | -13              | -25.48                  | -66.35                  | -46.6                    | 2.61                       | 10.73                       | V                     |

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



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 1648                 | -47.10         | -13              | -34.10                  | -58.03                  | -48.86                   | 0.98                       | 4.89                        | H                     |
|                                                 | 2472                 | -51.07         | -13              | -38.07                  | -66.43                  | -52.95                   | 1.28                       | 5.32                        | H                     |
|                                                 | 3296                 | -50.75         | -13              | -37.75                  | -66.82                  | -54.16                   | 1.54                       | 7.10                        | H                     |
|                                                 | 1648                 | -44.09         | -13              | -31.09                  | -57.4                   | -45.85                   | 0.98                       | 4.89                        | V                     |
|                                                 | 2472                 | -50.46         | -13              | -37.46                  | -66.15                  | -52.34                   | 1.28                       | 5.32                        | V                     |
|                                                 | 3296                 | -49.07         | -13              | -36.07                  | -66.88                  | -52.48                   | 1.54                       | 7.10                        | V                     |
| Middle                                          | 1672                 | -46.97         | -13              | -33.97                  | -58.21                  | -48.65                   | 0.99                       | 4.82                        | H                     |
|                                                 | 2504                 | -49.90         | -13              | -36.90                  | -65.4                   | -51.86                   | 1.29                       | 5.40                        | H                     |
|                                                 | 3344                 | -50.93         | -13              | -37.93                  | -66.8                   | -54.54                   | 1.56                       | 7.31                        | H                     |
|                                                 | 1672                 | -43.83         | -13              | -30.83                  | -57.02                  | -45.51                   | 0.99                       | 4.82                        | V                     |
|                                                 | 2504                 | -49.78         | -13              | -36.78                  | -65.61                  | -51.74                   | 1.29                       | 5.40                        | V                     |
|                                                 | 3344                 | -48.92         | -13              | -35.92                  | -66.63                  | -52.53                   | 1.56                       | 7.31                        | V                     |
| Highest                                         | 1696                 | -42.92         | -13              | -29.92                  | -53.83                  | -44.52                   | 1.00                       | 4.75                        | H                     |
|                                                 | 2544                 | -47.91         | -13              | -34.91                  | -63.51                  | -49.89                   | 1.30                       | 5.44                        | H                     |
|                                                 | 3392                 | -50.53         | -13              | -37.53                  | -66.82                  | -54.33                   | 1.57                       | 7.52                        | H                     |
|                                                 | 1696                 | -40.56         | -13              | -27.56                  | -53.82                  | -42.16                   | 1.00                       | 4.75                        | V                     |
|                                                 | 2544                 | -48.86         | -13              | -35.86                  | -65.23                  | -50.84                   | 1.30                       | 5.44                        | V                     |
|                                                 | 3392                 | -48.75         | -13              | -35.75                  | -66.63                  | -52.55                   | 1.57                       | 7.52                        | V                     |

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



| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 1648                 | -47.40         | -13              | -34.40                  | -58.29                  | -49.16                   | 0.98                       | 4.89                        | H                     |
|                                               | 2472                 | -49.96         | -13              | -36.96                  | -65.46                  | -51.84                   | 1.28                       | 5.32                        | H                     |
|                                               | 3296                 | -50.95         | -13              | -37.95                  | -66.56                  | -54.36                   | 1.54                       | 7.10                        | H                     |
|                                               | 1648                 | -44.98         | -13              | -31.98                  | -58.01                  | -46.74                   | 0.98                       | 4.89                        | V                     |
|                                               | 2472                 | -50.43         | -13              | -37.43                  | -66.2                   | -52.31                   | 1.28                       | 5.32                        | V                     |
|                                               | 3296                 | -48.76         | -13              | -35.76                  | -66.29                  | -52.17                   | 1.54                       | 7.10                        | V                     |
| Middle                                        | 1672                 | -47.60         | -13              | -34.60                  | -58.67                  | -49.28                   | 0.99                       | 4.82                        | H                     |
|                                               | 2504                 | -46.90         | -13              | -33.90                  | -62.54                  | -48.86                   | 1.29                       | 5.40                        | H                     |
|                                               | 3336                 | -50.94         | -13              | -37.94                  | -66.8                   | -54.52                   | 1.55                       | 7.28                        | H                     |
|                                               | 1672                 | -44.17         | -13              | -31.17                  | -57.26                  | -45.85                   | 0.99                       | 4.82                        | V                     |
|                                               | 2504                 | -49.52         | -13              | -36.52                  | -65.64                  | -51.48                   | 1.29                       | 5.40                        | V                     |
|                                               | 3336                 | -48.96         | -13              | -35.96                  | -66.25                  | -52.54                   | 1.55                       | 7.28                        | V                     |
| Highest                                       | 1688                 | -39.85         | -13              | -26.85                  | -51.18                  | -41.48                   | 1.00                       | 4.77                        | H                     |
|                                               | 2536                 | -48.44         | -13              | -35.44                  | -63.82                  | -50.42                   | 1.30                       | 5.43                        | H                     |
|                                               | 3384                 | -50.77         | -13              | -37.77                  | -67.38                  | -54.54                   | 1.57                       | 7.49                        | H                     |
|                                               | 1688                 | -38.01         | -13              | -25.01                  | -51.09                  | -39.64                   | 1.00                       | 4.77                        | V                     |
|                                               | 2536                 | -49.18         | -13              | -36.18                  | -65.22                  | -51.16                   | 1.30                       | 5.43                        | V                     |
|                                               | 3384                 | -49.08         | -13              | -36.08                  | -66.8                   | -52.85                   | 1.57                       | 7.49                        | V                     |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 1648                 | -47.87         | -13              | -34.87                  | -58.87                  | -49.63                   | 0.98                       | 4.89                        | H                     |
|                                               | 2472                 | -48.86         | -13              | -35.86                  | -64.48                  | -50.74                   | 1.28                       | 5.32                        | H                     |
|                                               | 3296                 | -50.04         | -13              | -37.04                  | -66.23                  | -53.45                   | 1.54                       | 7.10                        | H                     |
|                                               | 1648                 | -44.99         | -13              | -31.99                  | -58.06                  | -46.75                   | 0.98                       | 4.89                        | V                     |
|                                               | 2472                 | -50.43         | -13              | -37.43                  | -66.34                  | -52.31                   | 1.28                       | 5.32                        | V                     |
|                                               | 3296                 | -49.07         | -13              | -36.07                  | -66.8                   | -52.48                   | 1.54                       | 7.10                        | V                     |
| Middle                                        | 1672                 | -48.17         | -13              | -35.17                  | -59.27                  | -49.85                   | 0.99                       | 4.82                        | H                     |
|                                               | 2504                 | -48.67         | -13              | -35.67                  | -64.41                  | -50.63                   | 1.29                       | 5.40                        | H                     |
|                                               | 3336                 | -50.36         | -13              | -37.36                  | -66.54                  | -53.94                   | 1.55                       | 7.28                        | H                     |
|                                               | 1672                 | -44.79         | -13              | -31.79                  | -57.85                  | -46.47                   | 0.99                       | 4.82                        | V                     |
|                                               | 2504                 | -50.35         | -13              | -37.35                  | -66.26                  | -52.31                   | 1.29                       | 5.40                        | V                     |
|                                               | 3336                 | -48.88         | -13              | -35.88                  | -66.61                  | -52.46                   | 1.55                       | 7.28                        | V                     |
| Highest                                       | 1688                 | -39.95         | -13              | -26.95                  | -51.28                  | -41.58                   | 1.00                       | 4.77                        | H                     |
|                                               | 2536                 | -50.43         | -13              | -37.43                  | -65.94                  | -52.41                   | 1.30                       | 5.43                        | H                     |
|                                               | 3376                 | -50.79         | -13              | -37.79                  | -66.79                  | -54.53                   | 1.57                       | 7.45                        | H                     |
|                                               | 1688                 | -37.74         | -13              | -24.74                  | -51.11                  | -39.37                   | 1.00                       | 4.77                        | V                     |
|                                               | 2536                 | -49.47         | -13              | -36.47                  | -65.35                  | -51.45                   | 1.30                       | 5.43                        | V                     |
|                                               | 3376                 | -49.11         | -13              | -36.11                  | -66.59                  | -52.85                   | 1.57                       | 7.45                        | V                     |

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



| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 1648                 | -47.66         | -13              | -34.66                  | -58.66                  | -49.42                   | 0.98                       | 4.89                        | H                     |
|                                                | 2472                 | -50.38         | -13              | -37.38                  | -65.75                  | -52.26                   | 1.28                       | 5.32                        | H                     |
|                                                | 3296                 | -51.10         | -13              | -38.10                  | -67.09                  | -54.51                   | 1.54                       | 7.10                        | H                     |
|                                                | 1648                 | -44.76         | -13              | -31.76                  | -58.03                  | -46.52                   | 0.98                       | 4.89                        | V                     |
|                                                | 2472                 | -49.46         | -13              | -36.46                  | -65.22                  | -51.34                   | 1.28                       | 5.32                        | V                     |
|                                                | 3296                 | -48.06         | -13              | -35.06                  | -65.67                  | -51.47                   | 1.54                       | 7.10                        | V                     |
| Middle                                         | 1664                 | -46.46         | -13              | -33.46                  | -57.34                  | -48.17                   | 0.98                       | 4.84                        | H                     |
|                                                | 2496                 | -49.80         | -13              | -36.80                  | -65.44                  | -51.75                   | 1.29                       | 5.39                        | H                     |
|                                                | 3328                 | -49.88         | -13              | -36.88                  | -66.14                  | -53.42                   | 1.55                       | 7.24                        | H                     |
|                                                | 1664                 | -42.70         | -13              | -29.70                  | -56.21                  | -44.41                   | 0.98                       | 4.84                        | V                     |
|                                                | 2496                 | -49.81         | -13              | -36.81                  | -65.94                  | -51.76                   | 1.29                       | 5.39                        | V                     |
|                                                | 3328                 | -47.93         | -13              | -34.93                  | -65.94                  | -51.47                   | 1.55                       | 7.24                        | V                     |
| Highest                                        | 1680                 | -48.17         | -13              | -35.17                  | -58.94                  | -49.82                   | 0.99                       | 4.80                        | H                     |
|                                                | 2520                 | -50.66         | -13              | -37.66                  | -66.17                  | -52.63                   | 1.30                       | 5.42                        | H                     |
|                                                | 3360                 | -50.74         | -13              | -37.74                  | -67.32                  | -54.41                   | 1.56                       | 7.38                        | H                     |
|                                                | 1680                 | -45.09         | -13              | -32.09                  | -58.39                  | -46.74                   | 0.99                       | 4.80                        | V                     |
|                                                | 2520                 | -49.78         | -13              | -36.78                  | -65.92                  | -51.75                   | 1.30                       | 5.42                        | V                     |
|                                                | 3360                 | -48.98         | -13              | -35.98                  | -66.74                  | -52.65                   | 1.56                       | 7.38                        | V                     |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 5004                 | -43.60          | -25              | -18.60                  | -63                     | -50.96                   | 2.34                       | 9.70                        | H                     |
|                                               | 7500                 | -38.17          | -25              | -13.17                  | -67.61                  | -47.54                   | 2.43                       | 11.80                       | H                     |
|                                               | 9996                 | -36.96          | -25              | -11.96                  | -67.57                  | -46.47                   | 2.70                       | 12.20                       | H                     |
|                                               | 12504                | -27.91          | -25              | -2.91                   | -62.98                  | -37.51                   | 2.81                       | 12.40                       | H                     |
|                                               | 5004                 | -46.81          | -25              | -21.81                  | -66.76                  | -54.17                   | 2.34                       | 9.70                        | V                     |
|                                               | 7500                 | -38.14          | -25              | -13.14                  | -67.64                  | -47.51                   | 2.43                       | 11.80                       | V                     |
|                                               | 9996                 | -37.67          | -25              | -12.67                  | -67.45                  | -47.18                   | 2.70                       | 12.20                       | V                     |
|                                               | 12504                | -35.03          | -25              | -10.03                  | -68.36                  | -44.63                   | 2.81                       | 12.40                       | V                     |
| Middle                                        | 5065                 | -47.03          | -25              | -22.03                  | -67.32                  | -54.36                   | 2.37                       | 9.70                        | H                     |
|                                               | 7596                 | -39.12          | -25              | -14.12                  | -68.14                  | -48.58                   | 2.40                       | 11.86                       | H                     |
|                                               | 10128                | -36.75          | -25              | -11.75                  | -67.96                  | -46.31                   | 2.70                       | 12.25                       | H                     |
|                                               | 12660                | -29.04          | -25              | -4.04                   | -64.35                  | -38.79                   | 2.84                       | 12.59                       | H                     |
|                                               | 5064                 | -47.03          | -25              | -22.03                  | -67.26                  | -54.36                   | 2.37                       | 9.70                        | V                     |
|                                               | 7596                 | -39.96          | -25              | -14.96                  | -68.47                  | -49.42                   | 2.40                       | 11.86                       | V                     |
|                                               | 10128                | -38.05          | -25              | -13.05                  | -68.22                  | -47.61                   | 2.70                       | 12.25                       | V                     |
|                                               | 12660                | -36.42          | -25              | -11.42                  | -69.81                  | -46.17                   | 2.84                       | 12.59                       | V                     |
| Highest                                       | 5136                 | -46.88          | -25              | -21.88                  | -68.08                  | -54.16                   | 2.42                       | 9.70                        | H                     |
|                                               | 7692                 | -39.08          | -25              | -14.08                  | -67.24                  | -48.63                   | 2.37                       | 11.92                       | H                     |
|                                               | 10260                | -35.84          | -25              | -10.84                  | -67.27                  | -45.45                   | 2.69                       | 12.30                       | H                     |
|                                               | 12828                | -27.94          | -25              | -2.94                   | -63.5                   | -37.85                   | 2.89                       | 12.79                       | H                     |
|                                               | 5136                 | -47.14          | -25              | -22.14                  | -67.99                  | -54.42                   | 2.42                       | 9.70                        | V                     |
|                                               | 7692                 | -39.69          | -25              | -14.69                  | -67.54                  | -49.24                   | 2.37                       | 11.92                       | V                     |
|                                               | 10260                | -36.93          | -25              | -11.93                  | -66.59                  | -46.54                   | 2.69                       | 12.30                       | V                     |
|                                               | 112828               | -36.26          | -25              | -11.26                  | -69.19                  | -46.42                   | 3.74                       | 13.90                       | V                     |

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



| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 5004                 | -44.88          | -25              | -19.88                  | -64.7                   | -52.24                   | 2.34                       | 9.70                        | H                     |
|                                                | 7500                 | -37.99          | -25              | -12.99                  | -67.51                  | -47.36                   | 2.43                       | 11.80                       | H                     |
|                                                | 10008                | -37.50          | -25              | -12.50                  | -68.05                  | -47.01                   | 2.70                       | 12.20                       | H                     |
|                                                | 12504                | -29.26          | -25              | -4.26                   | -64.03                  | -38.86                   | 2.81                       | 12.40                       | H                     |
|                                                | 5004                 | -47.00          | -25              | -22.00                  | -66.72                  | -54.36                   | 2.34                       | 9.70                        | V                     |
|                                                | 7500                 | -37.90          | -25              | -12.90                  | -67.23                  | -47.27                   | 2.43                       | 11.80                       | V                     |
|                                                | 10008                | -39.13          | -25              | -14.13                  | -68.56                  | -48.64                   | 2.70                       | 12.20                       | V                     |
|                                                | 2504                 | -36.64          | -25              | -11.64                  | -69.4                   | -40.75                   | 1.29                       | 5.40                        | V                     |
| Middle                                         | 5064                 | -47.40          | -25              | -22.40                  | -67.34                  | -54.73                   | 2.37                       | 9.70                        | H                     |
|                                                | 7590                 | -38.79          | -25              | -13.79                  | -67.64                  | -48.24                   | 2.40                       | 11.85                       | H                     |
|                                                | 10122                | -35.81          | -25              | -10.81                  | -67.04                  | -45.36                   | 2.70                       | 12.25                       | H                     |
|                                                | 12654                | -29.89          | -25              | -4.89                   | -64.43                  | -39.63                   | 2.84                       | 12.58                       | H                     |
|                                                | 5064                 | -45.79          | -25              | -20.79                  | -65.89                  | -53.12                   | 2.37                       | 9.70                        | V                     |
|                                                | 7590                 | -39.69          | -25              | -14.69                  | -68.43                  | -49.14                   | 2.40                       | 11.85                       | V                     |
|                                                | 10122                | -36.81          | -25              | -11.81                  | -66.49                  | -46.36                   | 2.70                       | 12.25                       | V                     |
|                                                | 12654                | -36.00          | -25              | -11.00                  | -69.38                  | -45.74                   | 2.84                       | 12.58                       | V                     |
| Highest                                        | 5136                 | -45.82          | -25              | -20.82                  | -66.12                  | -53.1                    | 2.42                       | 9.70                        | H                     |
|                                                | 7704                 | -39.01          | -25              | -14.01                  | -67.35                  | -48.57                   | 2.36                       | 11.92                       | H                     |
|                                                | 10272                | -36.27          | -25              | -11.27                  | -67.45                  | -45.88                   | 2.69                       | 12.31                       | H                     |
|                                                | 12852                | -33.81          | -25              | -8.81                   | -69.15                  | -43.74                   | 2.89                       | 12.82                       | H                     |
|                                                | 5136                 | -47.31          | -25              | -22.31                  | -67.51                  | -54.59                   | 2.42                       | 9.70                        | V                     |
|                                                | 7704                 | -39.21          | -25              | -14.21                  | -67.2                   | -48.77                   | 2.36                       | 11.92                       | V                     |
|                                                | 10272                | -37.75          | -25              | -12.75                  | -67.71                  | -47.36                   | 2.69                       | 12.31                       | V                     |
|                                                | 12852                | -35.76          | -25              | -10.76                  | -69.16                  | -45.69                   | 2.89                       | 12.82                       | V                     |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 5000                 | -43.96          | -25              | -18.96                  | -63.73                  | -51.32                   | 2.34                       | 9.70                        | H                     |
|                                                | 7500                 | -36.80          | -25              | -11.80                  | -66.91                  | -46.17                   | 2.43                       | 11.80                       | H                     |
|                                                | 10000                | -36.69          | -25              | -11.69                  | -67.88                  | -46.19                   | 2.70                       | 12.20                       | H                     |
|                                                | 12500                | -28.80          | -25              | -3.80                   | -63.56                  | -38.4                    | 2.80                       | 12.40                       | H                     |
|                                                | 5000                 | -46.82          | -25              | -21.82                  | -67.37                  | -54.18                   | 2.34                       | 9.70                        | V                     |
|                                                | 7500                 | -38.05          | -25              | -13.05                  | -67.22                  | -47.42                   | 2.43                       | 11.80                       | V                     |
|                                                | 10000                | -38.03          | -25              | -13.03                  | -67.79                  | -47.53                   | 2.70                       | 12.20                       | V                     |
|                                                | 12500                | -35.69          | -25              | -10.69                  | -69.05                  | -45.29                   | 2.80                       | 12.40                       | V                     |
| Middle                                         | 5055                 | -45.88          | -25              | -20.88                  | -65.78                  | -53.21                   | 2.37                       | 9.70                        | H                     |
|                                                | 7582.5               | -38.72          | -25              | -13.72                  | -68.34                  | -48.17                   | 2.40                       | 11.85                       | H                     |
|                                                | 10110                | -36.83          | -25              | -11.83                  | -67.73                  | -46.38                   | 2.70                       | 12.24                       | H                     |
|                                                | 12637.5              | -30.40          | -25              | -5.40                   | -65.43                  | -40.13                   | 2.84                       | 12.56                       | H                     |
|                                                | 5055                 | -47.16          | -25              | -22.16                  | -67.19                  | -54.49                   | 2.37                       | 9.70                        | V                     |
|                                                | 7582.5               | -39.73          | -25              | -14.73                  | -68.35                  | -49.18                   | 2.40                       | 11.85                       | V                     |
|                                                | 10110                | -38.14          | -25              | -13.14                  | -68.08                  | -47.69                   | 2.70                       | 12.24                       | V                     |
|                                                | 12637.5              | -36.71          | -25              | -11.71                  | -69.96                  | -46.44                   | 2.84                       | 12.56                       | V                     |
| Highest                                        | 5112                 | -46.73          | -25              | -21.73                  | -67.49                  | -54.03                   | 2.40                       | 9.70                        | H                     |
|                                                | 7665                 | -39.55          | -25              | -14.55                  | -67.88                  | -49.07                   | 2.38                       | 11.90                       | H                     |
|                                                | 10220                | -35.89          | -25              | -10.89                  | -66.96                  | -45.48                   | 2.69                       | 12.29                       | H                     |
|                                                | 12775                | -30.37          | -25              | -5.37                   | -66.1                   | -40.23                   | 2.87                       | 12.73                       | H                     |
|                                                | 5112                 | -46.93          | -25              | -21.93                  | -67.64                  | -54.23                   | 2.40                       | 9.70                        | V                     |
|                                                | 7665                 | -39.64          | -25              | -14.64                  | -67.7                   | -49.16                   | 2.38                       | 11.90                       | V                     |
|                                                | 10220                | -36.43          | -25              | -11.43                  | -66.57                  | -46.02                   | 2.69                       | 12.29                       | V                     |
|                                                | 12775                | -35.78          | -25              | -10.78                  | -69.25                  | -45.64                   | 2.87                       | 12.73                       | V                     |

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



| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 5000                 | -42.84          | -25              | -17.84                  | -63.11                  | -50.2                    | 2.34                       | 9.70                        | H                     |
|                                                | 7500                 | -38.66          | -25              | -13.66                  | -68.06                  | -48.03                   | 2.43                       | 11.80                       | H                     |
|                                                | 10000                | -36.55          | -25              | -11.55                  | -67.93                  | -46.05                   | 2.70                       | 12.20                       | H                     |
|                                                | 12500                | -28.58          | -25              | -3.58                   | -63.37                  | -38.18                   | 2.80                       | 12.40                       | H                     |
|                                                | 5000                 | -47.26          | -25              | -22.26                  | -67.37                  | -54.62                   | 2.34                       | 9.70                        | V                     |
|                                                | 7500                 | -37.92          | -25              | -12.92                  | -67.71                  | -47.29                   | 2.43                       | 11.80                       | V                     |
|                                                | 10000                | -38.02          | -25              | -13.02                  | -67.77                  | -47.52                   | 2.70                       | 12.20                       | V                     |
|                                                | 12500                | -34.68          | -25              | -9.68                   | -67.92                  | -44.28                   | 2.80                       | 12.40                       | V                     |
| Middle                                         | 5052                 | -46.68          | -25              | -21.68                  | -66.48                  | -54.01                   | 2.37                       | 9.70                        | H                     |
|                                                | 7575                 | -38.92          | -25              | -13.92                  | -68.73                  | -48.36                   | 2.41                       | 11.85                       | H                     |
|                                                | 10100                | -36.80          | -25              | -11.80                  | -67.67                  | -46.34                   | 2.70                       | 12.24                       | H                     |
|                                                | 12625                | -30.04          | -25              | -5.04                   | -65.02                  | -39.75                   | 2.84                       | 12.55                       | H                     |
|                                                | 5052                 | -46.96          | -25              | -21.96                  | -67.59                  | -54.29                   | 2.37                       | 9.70                        | V                     |
|                                                | 7575                 | -39.77          | -25              | -14.77                  | -68.45                  | -49.21                   | 2.41                       | 11.85                       | V                     |
|                                                | 10100                | -37.59          | -25              | -12.59                  | -68.14                  | -47.13                   | 2.70                       | 12.24                       | V                     |
|                                                | 12625                | -35.68          | -25              | -10.68                  | -68.9                   | -45.39                   | 2.84                       | 12.55                       | V                     |
| Highest                                        | 5100                 | -47.85          | -25              | -22.85                  | -67.97                  | -55.16                   | 2.39                       | 9.70                        | H                     |
|                                                | 7650                 | -38.76          | -25              | -13.76                  | -67.44                  | -48.27                   | 2.38                       | 11.89                       | H                     |
|                                                | 10200                | -36.46          | -25              | -11.46                  | -67.5                   | -46.04                   | 2.70                       | 12.28                       | H                     |
|                                                | 12750                | -34.08          | -25              | -9.08                   | -69.42                  | -43.91                   | 2.87                       | 12.70                       | H                     |
|                                                | 5100                 | -46.68          | -25              | -21.68                  | -66.93                  | -53.99                   | 2.39                       | 9.70                        | V                     |
|                                                | 7650                 | -38.74          | -25              | -13.74                  | -67.31                  | -48.25                   | 2.38                       | 11.89                       | V                     |
|                                                | 10200                | -37.43          | -25              | -12.43                  | -67.5                   | -47.01                   | 2.70                       | 12.28                       | V                     |
|                                                | 12750                | -35.39          | -25              | -10.39                  | -68.98                  | -45.22                   | 2.87                       | 12.70                       | V                     |

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



| LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -51.81      | -42.15        | -9.66             | -61.96            | -53.85             | 0.94                 | 5.13                  | H                  |
|                                                | 2344              | -50.69      | -13           | -37.69            | -65.19            | -52.23             | 1.24                 | 4.93                  | H                  |
|                                                | 3128              | -50.71      | -13           | -37.71            | -66.32            | -53.44             | 1.49                 | 6.36                  | H                  |
|                                                | 1560              | -50.07      | -42.15        | -7.92             | -62.36            | -52.11             | 0.94                 | 5.13                  | V                  |
|                                                | 2344              | -50.82      | -13           | -37.82            | -66.15            | -52.36             | 1.24                 | 4.93                  | V                  |
|                                                | 3128              | -47.74      | -13           | -34.74            | -65.77            | -50.47             | 1.49                 | 6.36                  | V                  |
| Middle                                         | 1568              | -54.29      | -42.15        | -12.14            | -64.40            | -56.31             | 0.94                 | 5.11                  | H                  |
|                                                | 2352              | -51.31      | -13           | -38.31            | -64.83            | -52.87             | 1.24                 | 4.96                  | H                  |
|                                                | 3136              | -49.88      | -13           | -36.88            | -65.98            | -52.64             | 1.49                 | 6.40                  | H                  |
|                                                | 1568              | -51.22      | -42.15        | -9.07             | -63.93            | -53.24             | 0.94                 | 5.11                  | V                  |
|                                                | 2352              | -49.91      | -13           | -36.91            | -65.63            | -51.47             | 1.24                 | 4.96                  | V                  |
|                                                | 3136              | -48.10      | -13           | -35.10            | -66.15            | -50.86             | 1.49                 | 6.40                  | V                  |
| Highest                                        | 1576              | -52.90      | -42.15        | -10.75            | -63.78            | -54.89             | 0.95                 | 5.09                  | H                  |
|                                                | 2360              | -51.90      | -13           | -38.90            | -66.42            | -53.48             | 1.25                 | 4.98                  | H                  |
|                                                | 3144              | -48.95      | -13           | -35.95            | -64.96            | -51.74             | 1.49                 | 6.43                  | H                  |
|                                                | 1576              | -50.89      | -42.15        | -8.74             | -63.97            | -52.88             | 0.95                 | 5.09                  | V                  |
|                                                | 2360              | -49.91      | -13           | -36.91            | -65.56            | -51.49             | 1.25                 | 4.98                  | V                  |
|                                                | 3144              | -48.84      | -13           | -35.84            | -66.44            | -51.63             | 1.49                 | 6.43                  | V                  |

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

| LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 1576              | -53.30      | -42.15        | -11.15            | -63.9             | -55.29             | 0.95                 | 5.09                  | H                  |
|                                                 | 2360              | -51.53      | -13           | -38.53            | -66.15            | -53.11             | 1.25                 | 4.98                  | H                  |
|                                                 | 3114              | -50.05      | -13           | -37.05            | -66.11            | -52.72             | 1.48                 | 6.30                  | H                  |
|                                                 | 1576              | -49.66      | -42.15        | -7.51             | -62.69            | -51.65             | 0.95                 | 5.09                  | V                  |
|                                                 | 2360              | -49.73      | -13           | -36.73            | -65.46            | -51.31             | 1.25                 | 4.98                  | V                  |
|                                                 | 3144              | -47.39      | -13           | -34.39            | -65.39            | -50.18             | 1.49                 | 6.43                  | V                  |

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



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -50.92      | -13           | -37.92            | -61.16            | -52.63             | 0.87                 | 4.73                  | H                  |
|                                                | 2112              | -51.69      | -13           | -38.69            | -65.05            | -52.61             | 1.17                 | 4.24                  | H                  |
|                                                | 2816              | -51.01      | -13           | -38.01            | -66.16            | -53.12             | 1.39                 | 5.65                  | H                  |
|                                                | 1408              | -50.97      | -13           | -37.97            | -63.58            | -52.68             | 0.87                 | 4.73                  | V                  |
|                                                | 2112              | -49.69      | -13           | -36.69            | -64.87            | -50.61             | 1.17                 | 4.24                  | V                  |
|                                                | 2816              | -48.74      | -13           | -35.74            | -65.55            | -50.85             | 1.39                 | 5.65                  | V                  |
| Middle                                         | 1416              | -51.83      | -13           | -38.83            | -62.35            | -53.58             | 0.87                 | 4.78                  | H                  |
|                                                | 2120              | -49.84      | -13           | -36.84            | -63.38            | -50.78             | 1.17                 | 4.26                  | H                  |
|                                                | 2832              | -50.73      | -13           | -37.73            | -65.96            | -52.85             | 1.39                 | 5.67                  | H                  |
|                                                | 1416              | -50.89      | -13           | -37.89            | -63.56            | -52.64             | 0.87                 | 4.78                  | V                  |
|                                                | 2120              | -47.37      | -13           | -34.37            | -62.83            | -48.31             | 1.17                 | 4.26                  | V                  |
|                                                | 2832              | -49.73      | -13           | -36.73            | -65.90            | -51.85             | 1.39                 | 5.67                  | V                  |
| Highest                                        | 2424              | -48.55      | -13           | -35.55            | -58.99            | -50.31             | 1.27                 | 5.17                  | H                  |
|                                                | 2136              | -49.87      | -13           | -36.87            | -63.60            | -50.85             | 1.18                 | 4.31                  | H                  |
|                                                | 2848              | -50.35      | -13           | -37.35            | -65.72            | -52.48             | 1.40                 | 5.68                  | H                  |
|                                                | 1424              | -49.84      | -13           | -36.84            | -62.45            | -51.64             | 0.88                 | 4.83                  | V                  |
|                                                | 2136              | -49.43      | -13           | -36.43            | -64.95            | -50.41             | 1.18                 | 4.31                  | V                  |
|                                                | 2848              | -49.34      | -13           | -36.34            | -66.00            | -51.47             | 1.40                 | 5.68                  | V                  |

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

| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -52.60      | -13           | -39.60            | -62.86            | -54.31             | 0.87                 | 4.73                  | H                  |
|                                                 | 2112              | -51.72      | -13           | -38.72            | -65.20            | -52.64             | 1.17                 | 4.24                  | H                  |
|                                                 | 2816              | -50.83      | -13           | -37.83            | -66.58            | -52.94             | 1.39                 | 5.65                  | H                  |
|                                                 | 1408              | -50.77      | -13           | -37.77            | -63.54            | -52.48             | 0.87                 | 4.73                  | V                  |
|                                                 | 2112              | -50.54      | -13           | -37.54            | -65.92            | -51.46             | 1.17                 | 4.24                  | V                  |
|                                                 | 2816              | -48.66      | -13           | -35.66            | -65.43            | -50.77             | 1.39                 | 5.65                  | V                  |
| Middle                                          | 1408              | -52.54      | -13           | -39.54            | -62.86            | -54.25             | 0.87                 | 4.73                  | H                  |
|                                                 | 2120              | -52.00      | -13           | -39.00            | -65.71            | -52.94             | 1.17                 | 4.26                  | H                  |
|                                                 | 2880              | -51.07      | -13           | -38.07            | -66.17            | -53.21             | 1.41                 | 5.70                  | H                  |
|                                                 | 1408              | -50.90      | -13           | -37.90            | -63.54            | -52.61             | 0.87                 | 4.73                  | V                  |
|                                                 | 2120              | -49.23      | -13           | -36.23            | -64.61            | -50.17             | 1.17                 | 4.26                  | V                  |
|                                                 | 2880              | -49.40      | -13           | -36.40            | -66.39            | -51.54             | 1.41                 | 5.70                  | V                  |
| Highest                                         | 1416              | -54.79      | -13           | -41.79            | -64.97            | -56.54             | 0.87                 | 4.78                  | H                  |
|                                                 | 2120              | -52.28      | -13           | -39.28            | -65.71            | -53.22             | 1.17                 | 4.26                  | H                  |
|                                                 | 2824              | -51.00      | -13           | -38.00            | -66.41            | -53.12             | 1.39                 | 5.66                  | H                  |
|                                                 | 1416              | -52.00      | -13           | -39.00            | -64.65            | -53.75             | 0.87                 | 4.78                  | V                  |
|                                                 | 2120              | -49.37      | -13           | -36.37            | -64.61            | -50.31             | 1.17                 | 4.26                  | V                  |
|                                                 | 2824              | -49.01      | -13           | -36.01            | -65.88            | -51.13             | 1.39                 | 5.66                  | V                  |

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



| LTE Band 25 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                           | 3700                 | -48.62          | -13              | -35.62                  | -66.19                  | -55.19                   | 1.67                       | 8.24                        | H                     |
|                                                  | 5550                 | -44.82          | -13              | -31.82                  | -67.04                  | -51.89                   | 2.65                       | 9.72                        | H                     |
|                                                  | 7400                 | -32.87          | -13              | -19.87                  | -62.04                  | -42.01                   | 2.46                       | 11.60                       | H                     |
|                                                  | 3700                 | -48.79          | -13              | -35.79                  | -67.01                  | -55.36                   | 1.67                       | 8.24                        | V                     |
|                                                  | 5550                 | -45.34          | -13              | -32.34                  | -68.36                  | -52.41                   | 2.65                       | 9.72                        | V                     |
|                                                  | 7400                 | -33.25          | -13              | -20.25                  | -62.13                  | -42.39                   | 2.46                       | 11.60                       | V                     |
| Middle                                           | 3758.6               | -49.54          | -13              | -36.54                  | -67.01                  | -56.16                   | 1.69                       | 8.31                        | H                     |
|                                                  | 5637.9               | -45.14          | -13              | -32.14                  | -68.07                  | -52.19                   | 2.70                       | 9.75                        | H                     |
|                                                  | 7517.2               | -35.24          | -13              | -22.24                  | -64.57                  | -44.63                   | 2.42                       | 11.81                       | H                     |
|                                                  | 3758.6               | -48.64          | -13              | -35.64                  | -67.54                  | -55.26                   | 1.69                       | 8.31                        | V                     |
|                                                  | 5637.9               | -45.14          | -13              | -32.14                  | -67.74                  | -52.19                   | 2.70                       | 9.75                        | V                     |
|                                                  | 7517.2               | -36.22          | -13              | -23.22                  | -65.6                   | -45.61                   | 2.42                       | 11.81                       | V                     |
| Highest                                          | 3826                 | -48.18          | -13              | -35.18                  | -66.07                  | -54.86                   | 1.71                       | 8.39                        | H                     |
|                                                  | 5740.8               | -45.16          | -13              | -32.16                  | -68.17                  | -52.19                   | 2.76                       | 9.80                        | H                     |
|                                                  | 7654.4               | -36.32          | -13              | -23.32                  | -64.64                  | -45.83                   | 2.38                       | 11.89                       | H                     |
|                                                  | 3827.2               | -47.50          | -13              | -34.50                  | -66.69                  | -54.19                   | 1.71                       | 8.39                        | V                     |
|                                                  | 5740.8               | -45.26          | -13              | -32.26                  | -68.09                  | -52.29                   | 2.76                       | 9.80                        | V                     |
|                                                  | 7654.4               | -36.32          | -13              | -23.32                  | -64.23                  | -45.83                   | 2.38                       | 11.89                       | V                     |

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



| LTE Band 25 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3700                 | -49.64          | -13              | -36.64                  | -66.75                  | -56.21                   | 1.67                       | 8.24                        | H                     |
|                                                | 5548                 | -46.17          | -13              | -33.17                  | -68.44                  | -53.24                   | 2.65                       | 9.72                        | H                     |
|                                                | 7403                 | -33.70          | -13              | -20.70                  | -62.84                  | -42.85                   | 2.46                       | 11.61                       | H                     |
|                                                | 3700                 | -48.64          | -13              | -35.64                  | -66.79                  | -55.21                   | 1.67                       | 8.24                        | V                     |
|                                                | 5548                 | -45.78          | -13              | -32.78                  | -68.06                  | -52.85                   | 2.65                       | 9.72                        | V                     |
|                                                | 7403                 | -33.96          | -13              | -20.96                  | -62.9                   | -43.11                   | 2.46                       | 11.61                       | V                     |
| Middle                                         | 3756                 | -48.95          | -13              | -35.95                  | -66.55                  | -55.57                   | 1.68                       | 8.31                        | H                     |
|                                                | 5639                 | -44.91          | -13              | -31.91                  | -67.64                  | -51.96                   | 2.71                       | 9.76                        | H                     |
|                                                | 7515                 | -35.83          | -13              | -22.83                  | -65.18                  | -45.21                   | 2.42                       | 11.81                       | H                     |
|                                                | 3756                 | -49.02          | -13              | -36.02                  | -67.4                   | -55.64                   | 1.68                       | 8.31                        | V                     |
|                                                | 5639                 | -44.43          | -13              | -31.43                  | -67.18                  | -51.48                   | 2.71                       | 9.76                        | V                     |
|                                                | 7515                 | -36.23          | -13              | -23.23                  | -65.27                  | -45.61                   | 2.42                       | 11.81                       | V                     |
| Highest                                        | 3826                 | -49.63          | -13              | -36.63                  | -67.16                  | -56.31                   | 1.71                       | 8.39                        | H                     |
|                                                | 5736                 | -44.80          | -13              | -31.80                  | -68.05                  | -51.83                   | 2.76                       | 9.79                        | H                     |
|                                                | 7648                 | -36.40          | -13              | -23.40                  | -64.49                  | -45.91                   | 2.38                       | 11.89                       | H                     |
|                                                | 3826                 | -46.32          | -13              | -33.32                  | -65.01                  | -53                      | 1.71                       | 8.39                        | V                     |
|                                                | 5736                 | -46.00          | -13              | -33.00                  | -68.57                  | -53.03                   | 2.76                       | 9.79                        | V                     |
|                                                | 7648                 | -36.61          | -13              | -23.61                  | -65.1                   | -46.12                   | 2.38                       | 11.89                       | V                     |

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



| LTE Band 25 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 3700                 | -49.07          | -13              | -36.07                  | -65.83                  | -55.64                   | 1.67                       | 8.24                        | H                     |
|                                                | 5548                 | -45.11          | -13              | -32.11                  | -67.34                  | -52.18                   | 2.65                       | 9.72                        | H                     |
|                                                | 7403                 | -32.96          | -13              | -19.96                  | -62.04                  | -42.11                   | 2.46                       | 11.61                       | H                     |
|                                                | 3700                 | -47.61          | -13              | -34.61                  | -66.13                  | -54.18                   | 1.67                       | 8.24                        | V                     |
|                                                | 5548                 | -45.24          | -13              | -32.24                  | -67.57                  | -52.31                   | 2.65                       | 9.72                        | V                     |
|                                                | 7403                 | -34.03          | -13              | -21.03                  | -62.97                  | -43.18                   | 2.46                       | 11.61                       | V                     |
| Middle                                         | 3756                 | -49.84          | -13              | -36.84                  | -67.56                  | -56.46                   | 1.68                       | 8.31                        | H                     |
|                                                | 5632                 | -45.06          | -13              | -32.06                  | -67.73                  | -52.11                   | 2.70                       | 9.75                        | H                     |
|                                                | 7500                 | -34.82          | -13              | -21.82                  | -64.43                  | -44.19                   | 2.43                       | 11.80                       | H                     |
|                                                | 3756                 | -48.70          | -13              | -35.70                  | -67.42                  | -55.32                   | 1.68                       | 8.31                        | V                     |
|                                                | 5632                 | -44.59          | -13              | -31.59                  | -66.98                  | -51.64                   | 2.70                       | 9.75                        | V                     |
|                                                | 7508                 | -35.81          | -13              | -22.81                  | -65.05                  | -45.19                   | 2.43                       | 11.80                       | V                     |
| Highest                                        | 3819                 | -49.63          | -13              | -36.63                  | -67.53                  | -56.31                   | 1.70                       | 8.38                        | H                     |
|                                                | 5730                 | -44.66          | -13              | -31.66                  | -68.17                  | -51.69                   | 2.76                       | 9.79                        | H                     |
|                                                | 7640                 | -36.58          | -13              | -23.58                  | -64.96                  | -46.08                   | 2.38                       | 11.88                       | H                     |
|                                                | 3819                 | -46.61          | -13              | -33.61                  | -65.77                  | -53.29                   | 1.70                       | 8.38                        | V                     |
|                                                | 5730                 | -45.28          | -13              | -32.28                  | -67.8                   | -52.31                   | 2.76                       | 9.79                        | V                     |
|                                                | 7640                 | -37.59          | -13              | -24.59                  | -66.32                  | -47.09                   | 2.38                       | 11.88                       | V                     |

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



| LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 3700                 | -49.07          | -13              | -36.07                  | -65.89                  | -55.64                   | 1.67                       | 8.24                        | H                     |
|                                                 | 5548                 | -45.10          | -13              | -32.10                  | -67.41                  | -52.17                   | 2.65                       | 9.72                        | H                     |
|                                                 | 7403                 | -33.96          | -13              | -20.96                  | -63.06                  | -43.11                   | 2.46                       | 11.61                       | H                     |
|                                                 | 3700                 | -47.79          | -13              | -34.79                  | -65.96                  | -54.36                   | 1.67                       | 8.24                        | V                     |
|                                                 | 5548                 | -44.69          | -13              | -31.69                  | -66.84                  | -51.76                   | 2.65                       | 9.72                        | V                     |
|                                                 | 7403                 | -33.74          | -13              | -20.74                  | -62.97                  | -42.89                   | 2.46                       | 11.61                       | V                     |
| Middle                                          | 3749                 | -49.61          | -13              | -36.61                  | -67.27                  | -56.23                   | 1.68                       | 8.30                        | H                     |
|                                                 | 5625                 | -45.12          | -13              | -32.12                  | -67.7                   | -52.17                   | 2.70                       | 9.75                        | H                     |
|                                                 | 7501                 | -34.37          | -13              | -21.37                  | -64.17                  | -43.74                   | 2.43                       | 11.80                       | H                     |
|                                                 | 3749                 | -48.03          | -13              | -35.03                  | -66.41                  | -54.65                   | 1.68                       | 8.30                        | V                     |
|                                                 | 5625                 | -45.09          | -13              | -32.09                  | 67.23                   | -52.14                   | 2.70                       | 9.75                        | V                     |
|                                                 | 7501                 | -36.90          | -13              | -23.90                  | -65.99                  | -46.27                   | 2.43                       | 11.80                       | V                     |
| Highest                                         | 3812                 | -47.65          | -13              | -34.65                  | -65.67                  | -54.32                   | 1.70                       | 8.37                        | H                     |
|                                                 | 5715                 | -44.78          | -13              | -31.78                  | -67.87                  | -51.82                   | 2.75                       | 9.79                        | H                     |
|                                                 | 7620                 | -37.83          | -13              | -24.83                  | -66.39                  | -47.31                   | 2.39                       | 11.87                       | H                     |
|                                                 | 3812                 | -47.45          | -13              | -34.45                  | -66.04                  | -54.12                   | 1.70                       | 8.37                        | V                     |
|                                                 | 5715                 | -44.14          | -13              | -31.14                  | -66.88                  | -51.18                   | 2.75                       | 9.79                        | V                     |
|                                                 | 7620                 | -38.84          | -13              | -25.84                  | -67.23                  | -48.32                   | 2.39                       | 11.87                       | V                     |

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



| LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 3700                 | -48.44          | -13              | -35.44                  | -65.72                  | -55.01                   | 1.67                       | 8.24                        | H                     |
|                                                 | 5550                 | -45.76          | -13              | -32.76                  | -67.95                  | -52.83                   | 2.65                       | 9.72                        | H                     |
|                                                 | 7400                 | -33.10          | -13              | -20.10                  | -62.27                  | -42.24                   | 2.46                       | 11.60                       | H                     |
|                                                 | 3700                 | -47.72          | -13              | -34.72                  | -66.31                  | -54.29                   | 1.67                       | 8.24                        | V                     |
|                                                 | 5550                 | -46.32          | -13              | -33.32                  | -68.18                  | -53.39                   | 2.65                       | 9.72                        | V                     |
|                                                 | 7400                 | -34.07          | -13              | -21.07                  | -62.74                  | -43.21                   | 2.46                       | 11.60                       | V                     |
| Middle                                          | 3742                 | -49.55          | -13              | -36.55                  | -67.52                  | -56.16                   | 1.68                       | 8.29                        | H                     |
|                                                 | 5617.5               | -45.16          | -13              | -32.16                  | -67.76                  | -52.21                   | 2.69                       | 9.75                        | H                     |
|                                                 | 7494                 | -34.57          | -13              | -21.57                  | -63.75                  | -43.93                   | 2.43                       | 11.79                       | H                     |
|                                                 | 3742                 | -48.80          | -13              | -35.80                  | -67.19                  | -55.41                   | 1.68                       | 8.29                        | V                     |
|                                                 | 5617.5               | -45.08          | -13              | -32.08                  | -67.44                  | -52.13                   | 2.69                       | 9.75                        | V                     |
|                                                 | 7494                 | -35.35          | -13              | -22.35                  | -64.77                  | -44.71                   | 2.43                       | 11.79                       | V                     |
| Highest                                         | 3798                 | -49.49          | -13              | -36.49                  | -67.2                   | -56.15                   | 1.70                       | 8.36                        | H                     |
|                                                 | 5700                 | -45.05          | -13              | -32.05                  | -67.62                  | -52.09                   | 2.74                       | 9.78                        | H                     |
|                                                 | 7600                 | -36.85          | -13              | -23.85                  | -65.13                  | -46.31                   | 2.40                       | 11.86                       | H                     |
|                                                 | 3798                 | -46.42          | -13              | -33.42                  | -65.58                  | -53.08                   | 1.70                       | 8.36                        | V                     |
|                                                 | 5700                 | -45.14          | -13              | -32.14                  | -67.55                  | -52.18                   | 2.74                       | 9.78                        | V                     |
|                                                 | 7600                 | -38.75          | -13              | -25.75                  | -67.74                  | -48.21                   | 2.40                       | 11.86                       | V                     |

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



| LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 3700                 | -49.64          | -13              | -36.64                  | -67.56                  | -56.21                   | 1.67                       | 8.24                        | H                     |
|                                                 | 5550                 | -46.00          | -13              | -33.00                  | -68.13                  | -53.07                   | 2.65                       | 9.72                        | H                     |
|                                                 | 7400                 | -33.94          | -13              | -20.94                  | -63.08                  | -43.08                   | 2.46                       | 11.60                       | H                     |
|                                                 | 3700                 | -48.64          | -13              | -35.64                  | -67.07                  | -55.21                   | 1.67                       | 8.24                        | V                     |
|                                                 | 5550                 | -45.84          | -13              | -32.84                  | -67.81                  | -52.91                   | 2.65                       | 9.72                        | V                     |
|                                                 | 7400                 | -33.97          | -13              | -20.97                  | -62.49                  | -43.11                   | 2.46                       | 11.60                       | V                     |
| Middle                                          | 3742                 | -50.56          | -13              | -37.56                  | -68.03                  | -57.17                   | 1.68                       | 8.29                        | H                     |
|                                                 | 5610                 | -46.02          | -13              | -33.02                  | -68.27                  | -53.08                   | 2.69                       | 9.74                        | H                     |
|                                                 | 7487                 | -36.67          | -13              | -23.67                  | -66.01                  | -46.01                   | 2.43                       | 11.77                       | H                     |
|                                                 | 3742                 | -49.66          | -13              | -36.66                  | -67.79                  | -56.27                   | 1.68                       | 8.29                        | V                     |
|                                                 | 5610                 | -44.85          | -13              | -31.85                  | -67.42                  | -51.91                   | 2.69                       | 9.74                        | V                     |
|                                                 | 7487                 | -35.69          | -13              | -22.69                  | -67.9                   | -45.03                   | 2.43                       | 11.77                       | V                     |
| Highest                                         | 3791                 | -49.66          | -13              | -36.66                  | -67.33                  | -56.31                   | 1.70                       | 8.35                        | H                     |
|                                                 | 5685                 | -44.89          | -13              | -31.89                  | -67.64                  | -51.93                   | 2.73                       | 9.77                        | H                     |
|                                                 | 7580                 | -39.77          | -13              | -26.77                  | -68.88                  | -49.21                   | 2.40                       | 11.85                       | H                     |
|                                                 | 3791                 | -47.64          | -13              | -34.64                  | -66.82                  | -54.29                   | 1.70                       | 8.35                        | V                     |
|                                                 | 5685                 | -45.27          | -13              | -32.27                  | -67.62                  | -52.31                   | 2.73                       | 9.77                        | V                     |
|                                                 | 7580                 | -39.69          | -13              | -26.69                  | -68.4                   | -49.13                   | 2.40                       | 11.85                       | V                     |

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