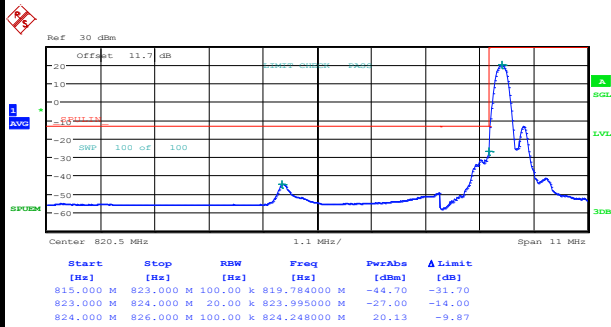




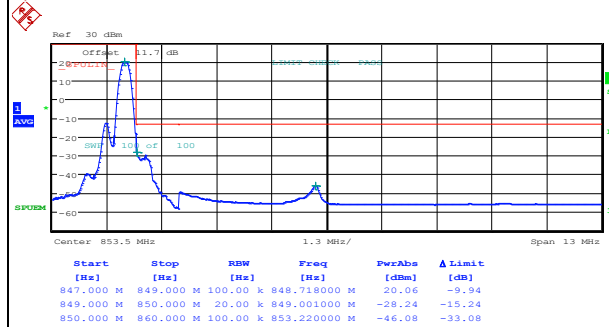
## LTE Band 5 / 1.4MHz / QPSK

## Lowest Band Edge / 1RB



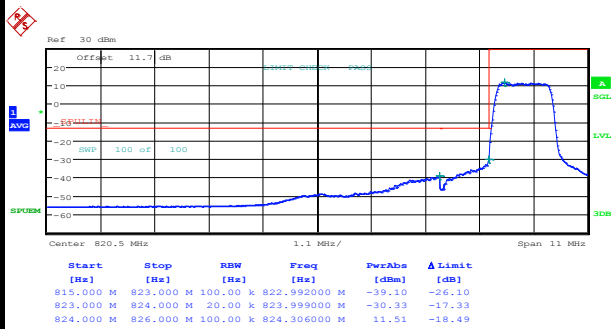
Date: 26.OCT.2014 13:07:29

## Highest Band Edge / 1RB



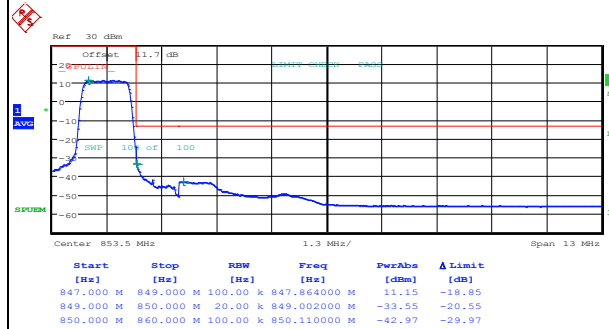
Date: 26.OCT.2014 13:20:45

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 13:09:50

## Highest Band Edge / Full RB

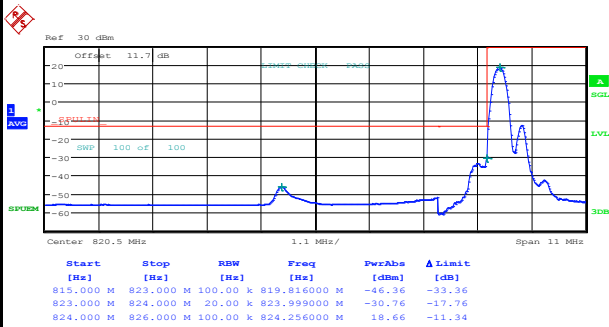


Date: 26.OCT.2014 13:18:25



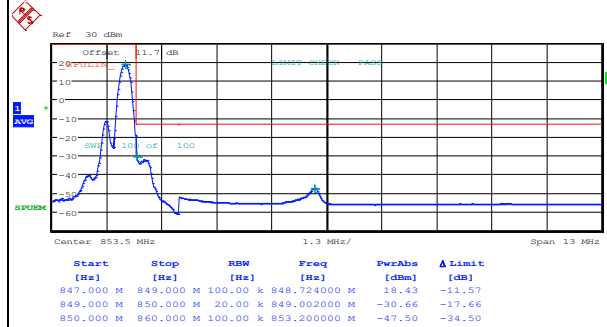
## LTE Band 5 / 1.4MHz / 16QAM

## Lowest Band Edge / 1 RB



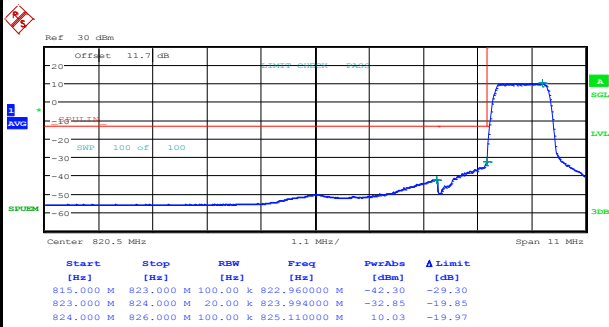
Date: 26.OCT.2014 13:08:40

## Highest Band Edge / 1 RB



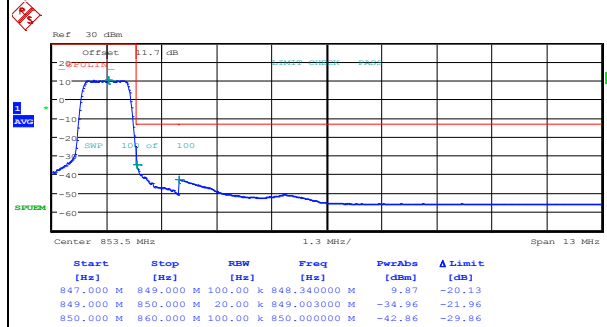
Date: 26.OCT.2014 13:21:55

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 13:11:00

## Highest Band Edge / Full RB

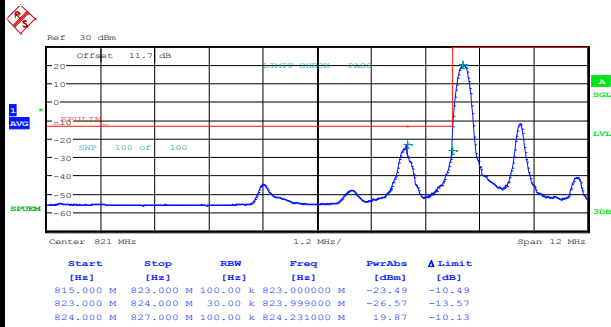


Date: 26.OCT.2014 13:19:35



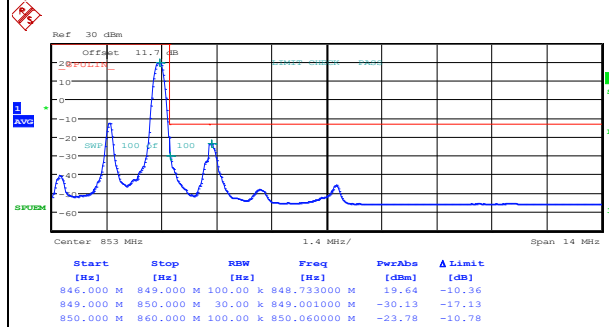
## LTE Band 5 / 3MHz / QPSK

## Lowest Band Edge / 1RB



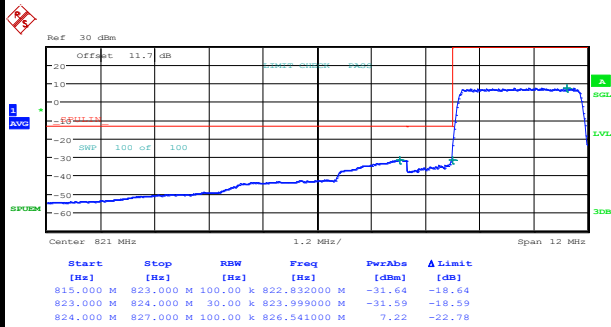
Date: 26.OCT.2014 13:27:22

## Highest Band Edge / 1 RB



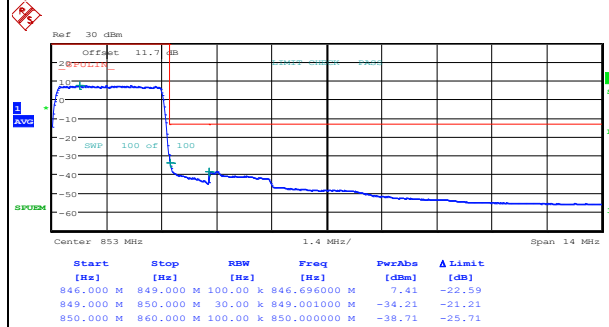
Date: 26.OCT.2014 13:38:24

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 13:29:43

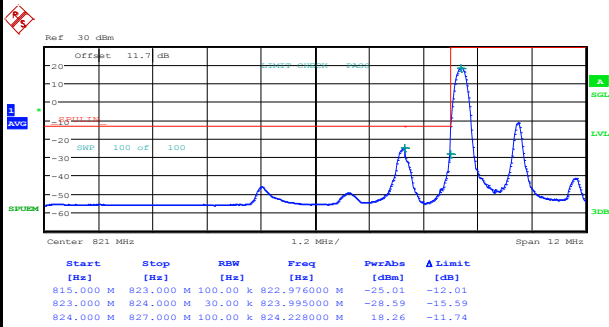
## Highest Band Edge / Full RB



Date: 26.OCT.2014 13:40:44

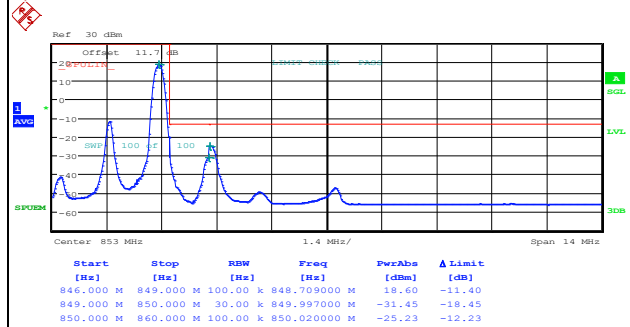
## LTE Band 5 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB



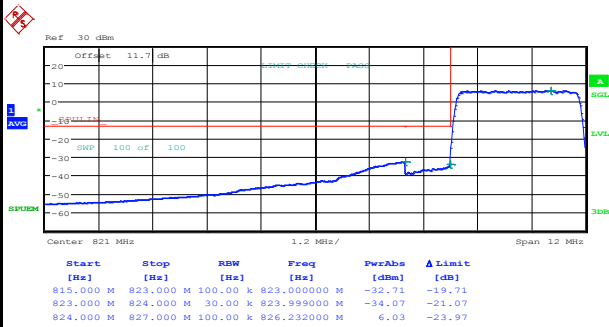
Date: 26.OCT.2014 13:28:32

### Highest Band Edge /1 RB



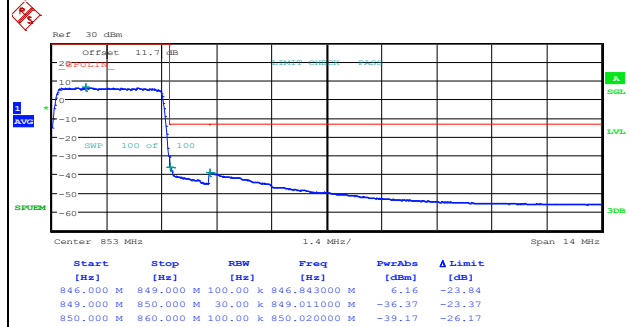
Date: 26.OCT.2014 13:39:34

### Lowest Band Edge / Full RB



Date: 26.OCT.2014 13:30:52

### Highest Band Edge / Full RB

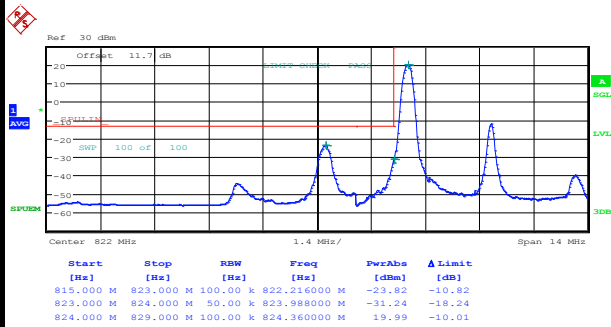


Date: 26.OCT.2014 13:41:54



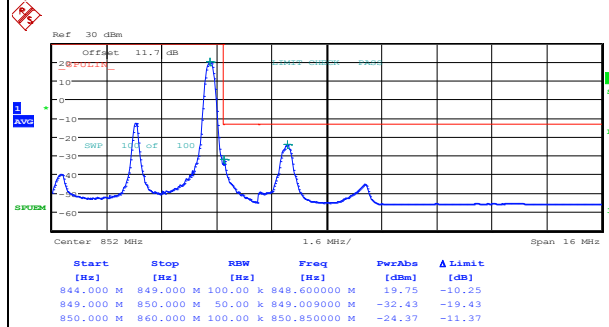
## LTE Band 5 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



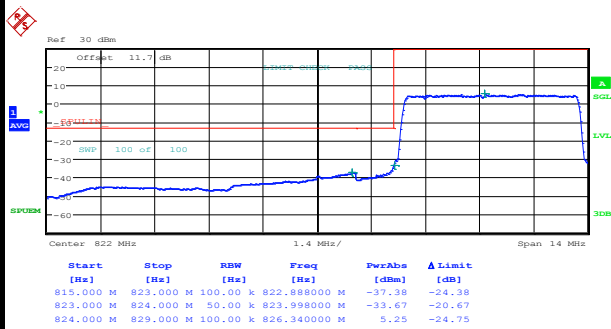
Date: 26.OCT.2014 13:46:17

## Highest Band Edge / 1 RB



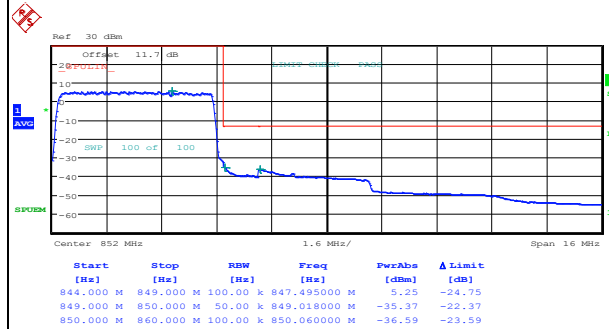
Date: 26.OCT.2014 13:57:12

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 13:48:37

## Highest Band Edge / Full RB

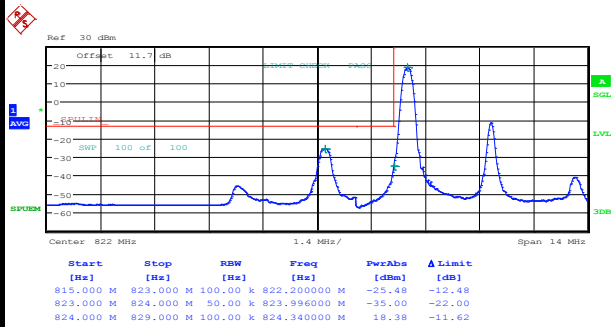


Date: 26.OCT.2014 13:59:32



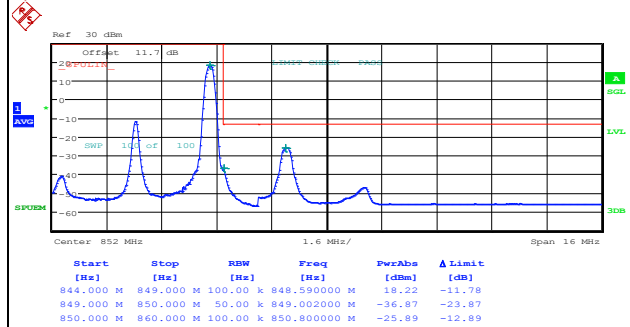
## LTE Band 5 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



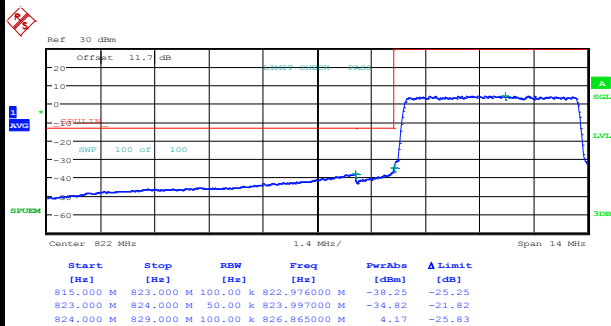
Date: 26.OCT.2014 13:47:27

## Highest Band Edge / 1 RB



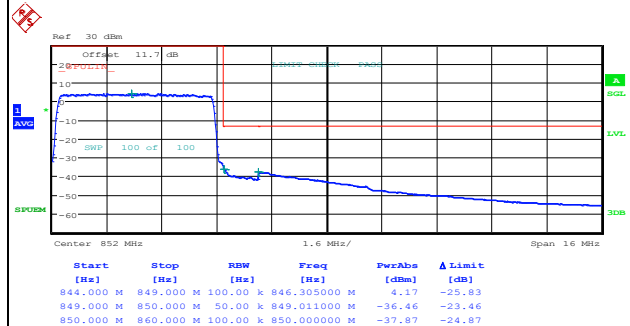
Date: 26.OCT.2014 13:58:22

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 13:49:46

## Highest Band Edge / Full RB

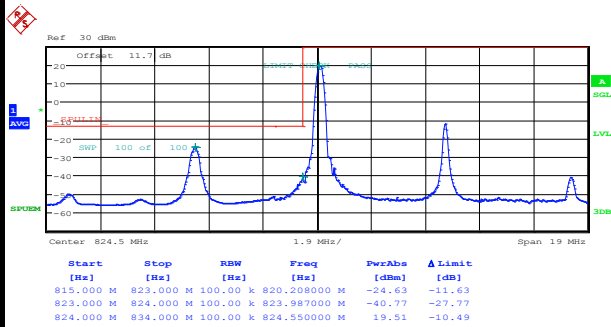


Date: 26.OCT.2014 14:00:42



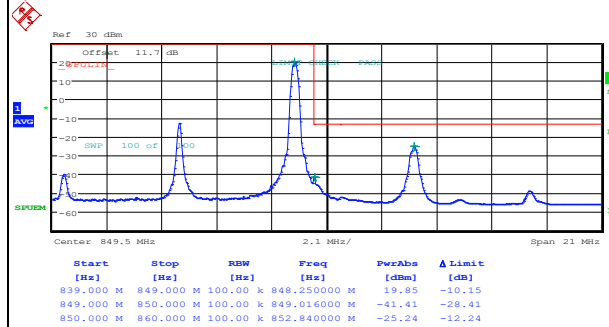
## LTE Band 5 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



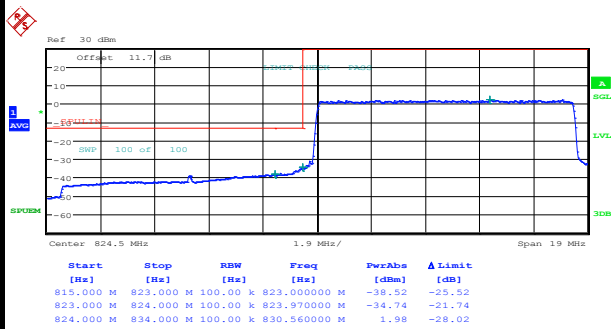
Date: 26.OCT.2014 14:05:05

## Highest Band Edge / 1 RB



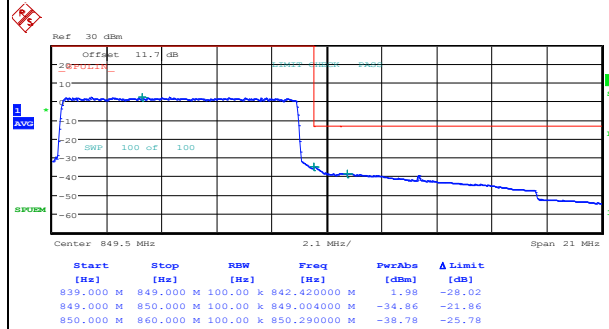
Date: 26.OCT.2014 14:16:02

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 14:07:25

## Highest Band Edge / Full RB

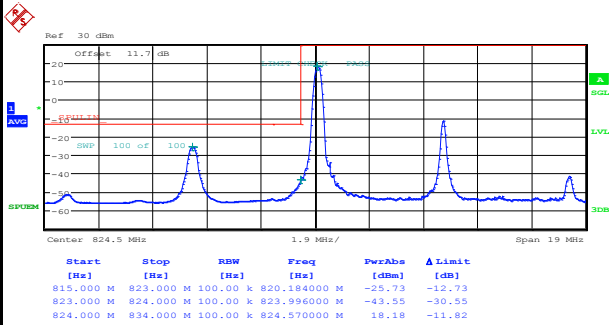


Date: 26.OCT.2014 14:18:23



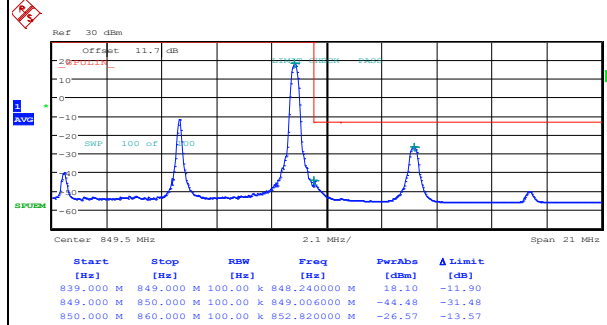
## LTE Band 5 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



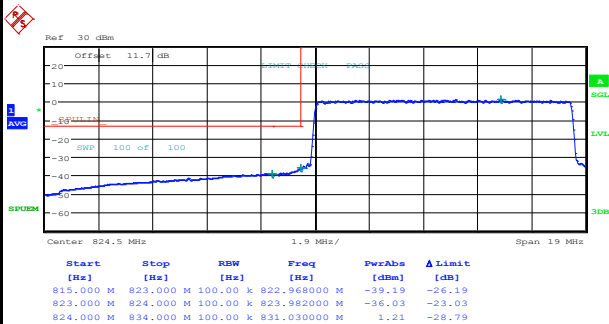
Date: 26.OCT.2014 14:06:15

## Highest Band Edge / 1 RB



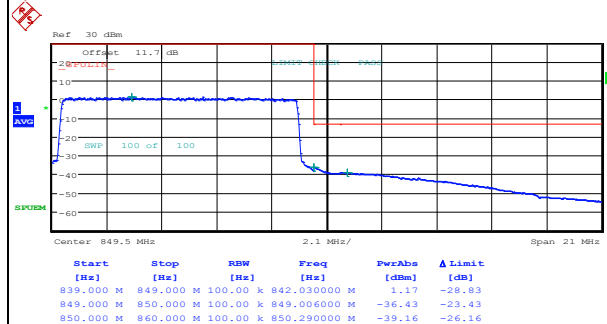
Date: 26.OCT.2014 14:17:12

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 14:08:36

## Highest Band Edge / Full RB



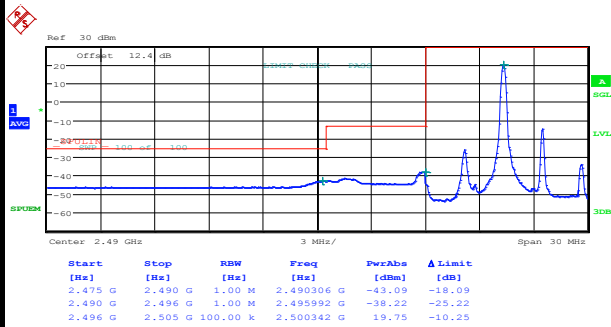
Date: 26.OCT.2014 14:19:33





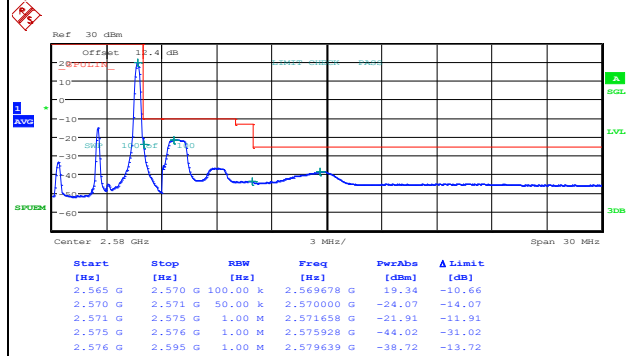
## LTE Band 7 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



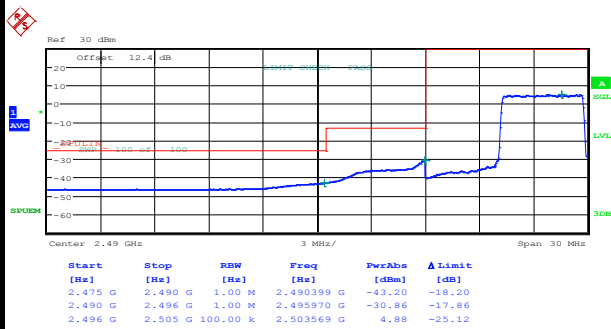
Date: 26.OCT.2014 16:19:44

## Highest Band Edge / 1 RB



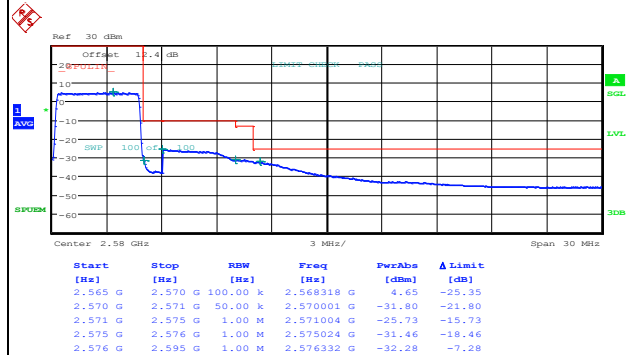
Date: 26.OCT.2014 16:24:26

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:22:06

## Highest Band Edge / Full RB

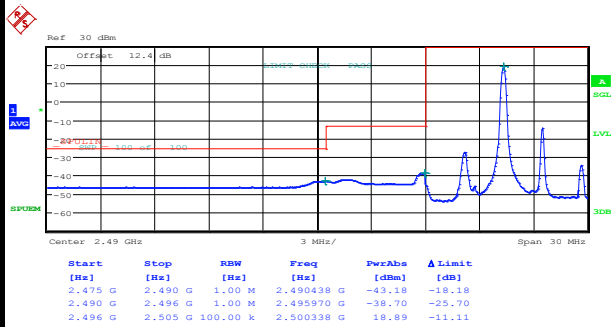


Date: 26.OCT.2014 16:26:47



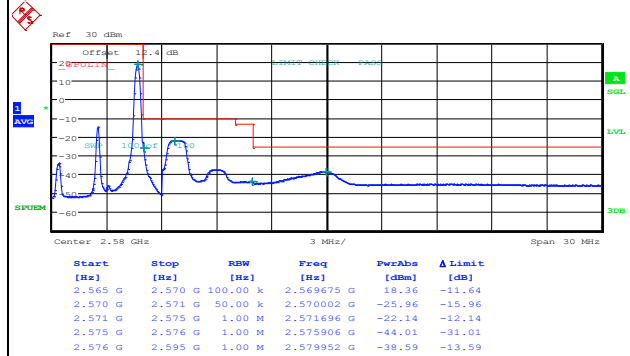
## LTE Band 7 / 5MHz / 16QAM

## Lowest Band Edge / 1 RB



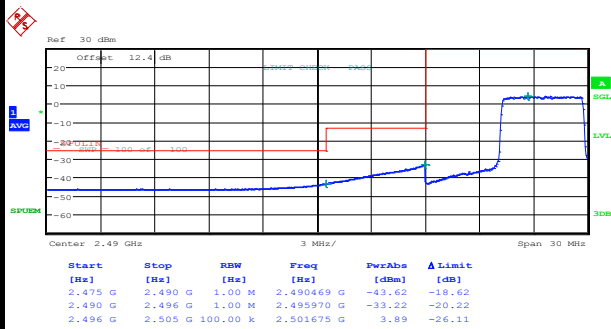
Date: 26.OCT.2014 16:20:55

## Highest Band Edge / 1 RB



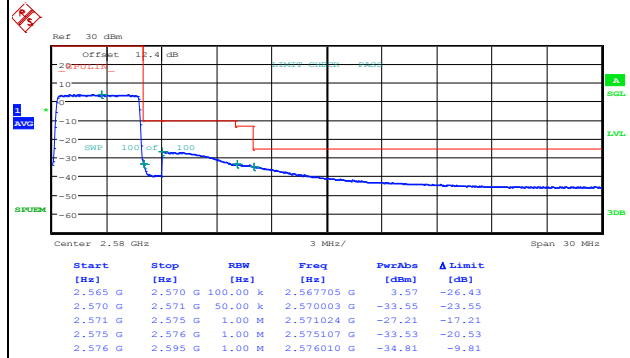
Date: 26.OCT.2014 16:25:37

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:23:16

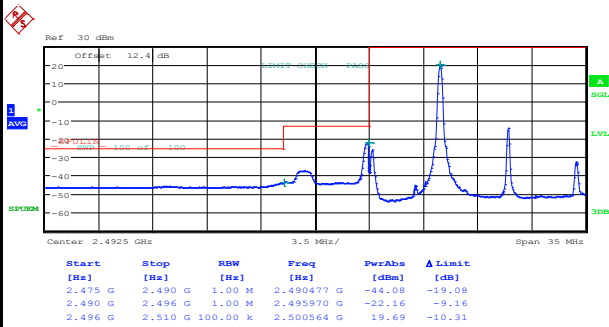
## Highest Band Edge / Full RB



Date: 26.OCT.2014 16:27:57

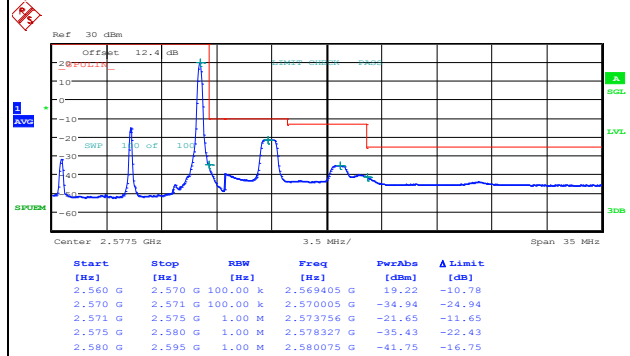
## LTE Band 7 / 10MHz / QPSK

### Lowest Band Edge / 1 RB



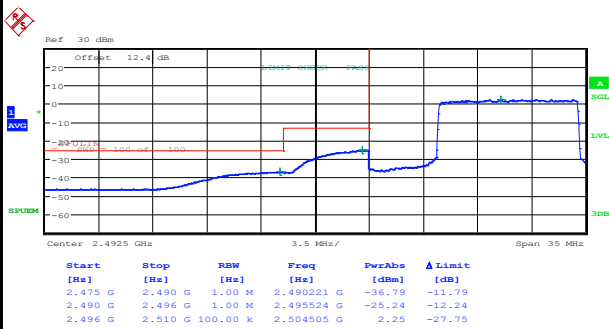
Date: 26.OCT.2014 16:29:11

### Highest Band Edge / 1 RB



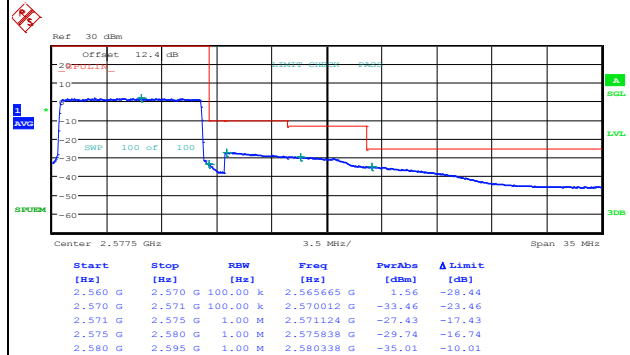
Date: 26.OCT.2014 16:33:52

### Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:31:31

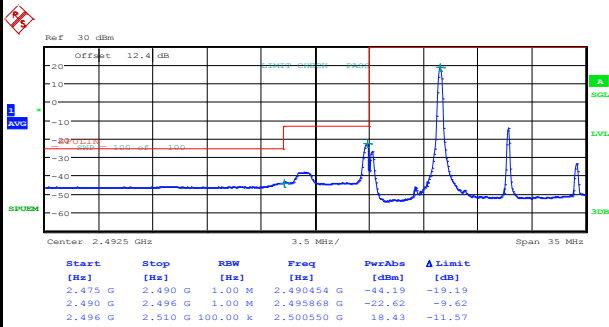
### Highest Band Edge / Full RB



Date: 26.OCT.2014 16:36:12

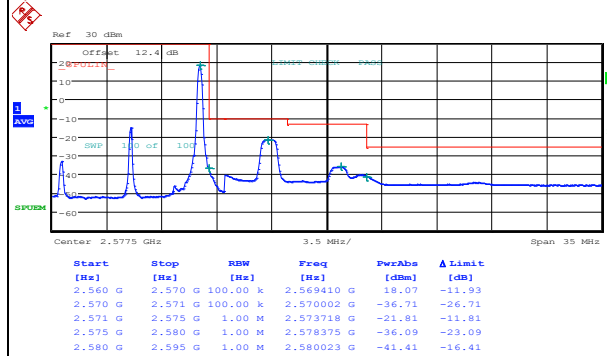
**LTE Band 7 / 10MHz / 16QAM**

### Lowest Band Edge / 1 RB



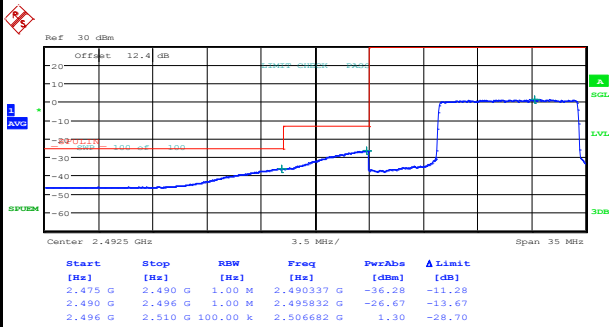
Date: 26.OCT.2014 16:30:21

### Highest Band Edge / 1 RB



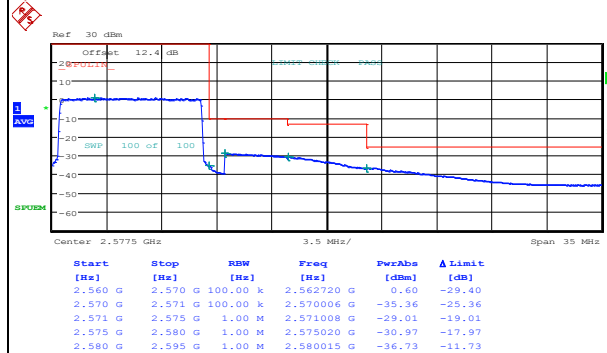
Date: 26.OCT.2014 16:35:02

### Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:32:42

### Highest Band Edge / Full RB

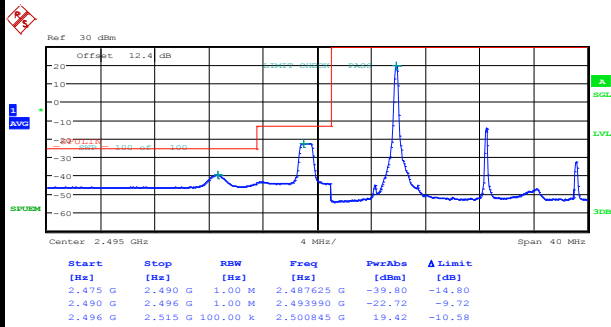


Date: 26.OCT.2014 16:37:23



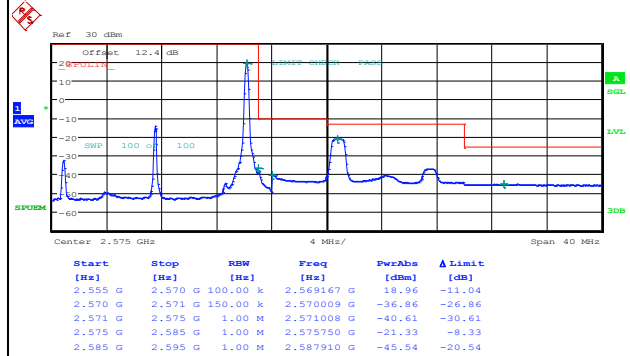
## LTE Band 7 / 15MHz / QPSK

## Lowest Band Edge / 1 RB



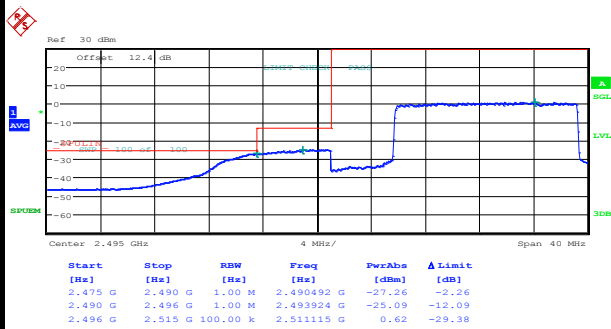
Date: 26.OCT.2014 16:38:37

## Highest Band Edge / 1 RB



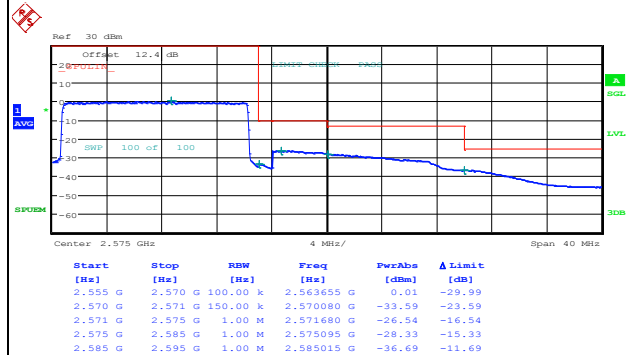
Date: 26.OCT.2014 16:43:18

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:40:58

## Highest Band Edge / Full RB

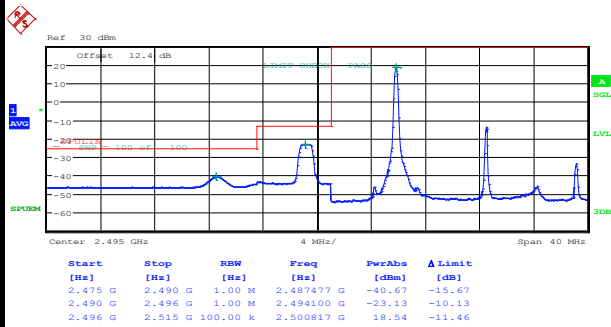


Date: 26.OCT.2014 16:45:39



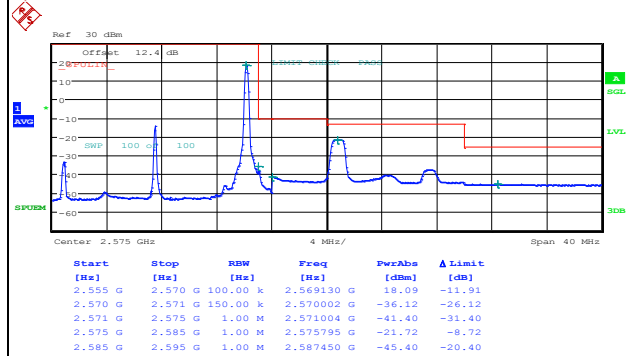
## LTE Band 7 / 15MHz / 16QAM

## Lowest Band Edge / 1 RB



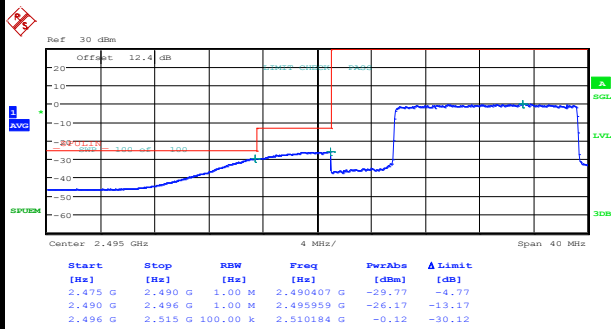
Date: 26.OCT.2014 16:39:48

## Highest Band Edge / 1 RB



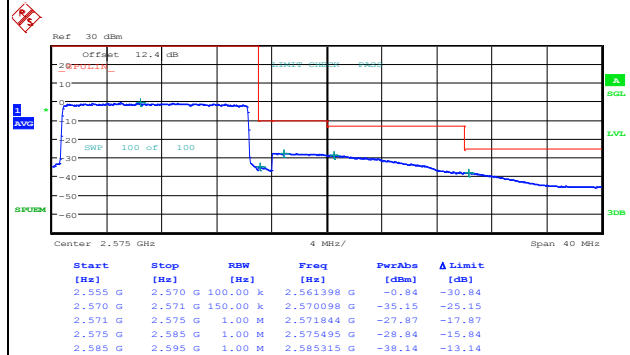
Date: 26.OCT.2014 16:44:28

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:42:08

## Highest Band Edge / Full RB

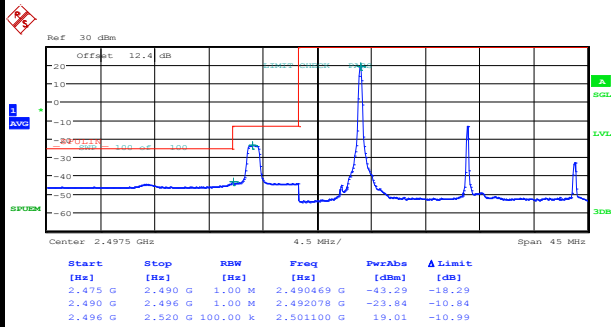


Date: 26.OCT.2014 16:46:49



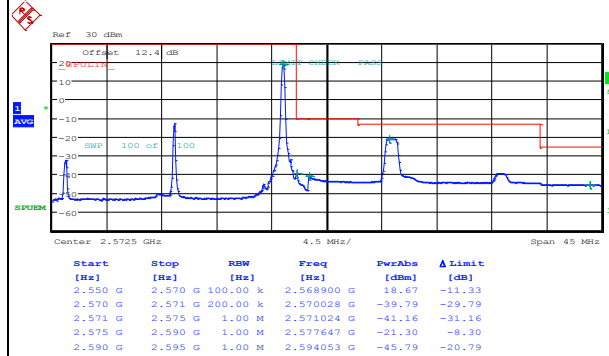
## LTE Band 7 / 20MHz / QPSK

## Lowest Band Edge / 1 RB



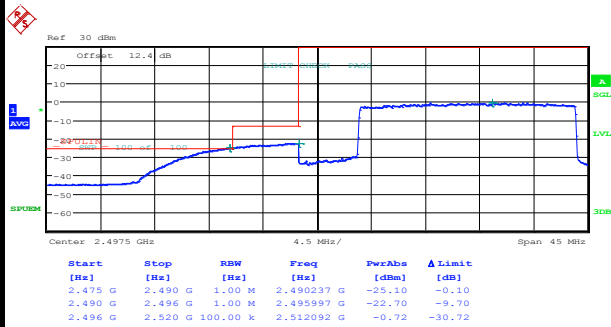
Date: 26.OCT.2014 16:48:03

## Highest Band Edge / 1 RB



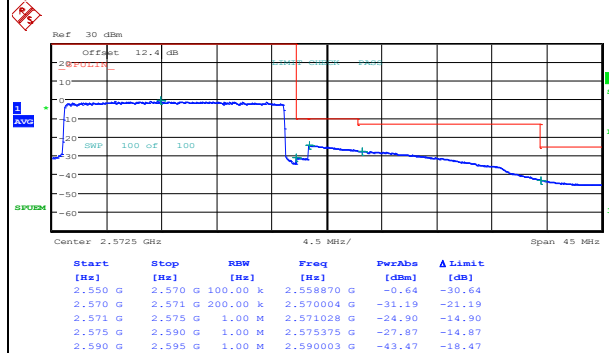
Date: 26.OCT.2014 16:52:44

## Lowest Band Edge / Full RB



Date: 27.OCT.2014 10:16:56

## Highest Band Edge / Full RB

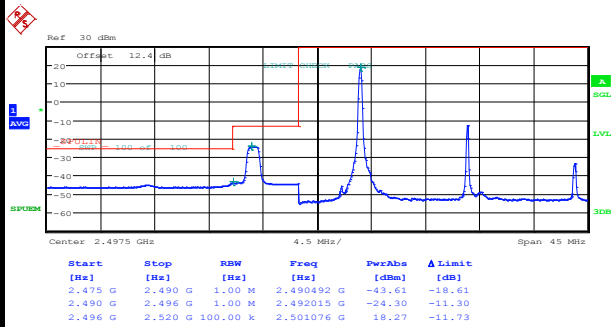


Date: 26.OCT.2014 16:56:15



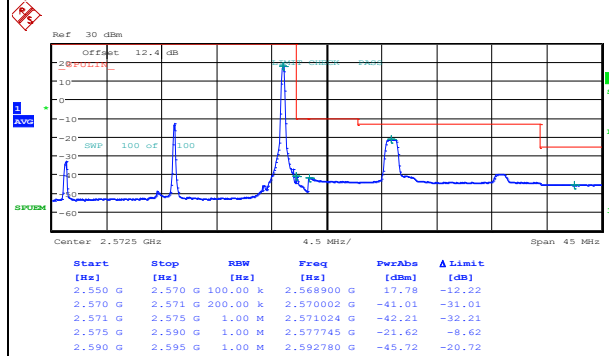
## LTE Band 7 / 20MHz / 16QAM

## Lowest Band Edge / 1 RB



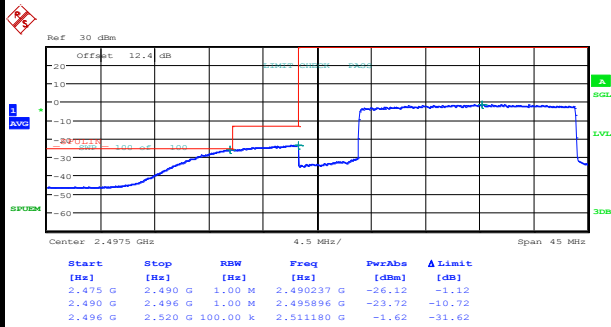
Date: 26.OCT.2014 16:49:13

## Highest Band Edge / 1RB



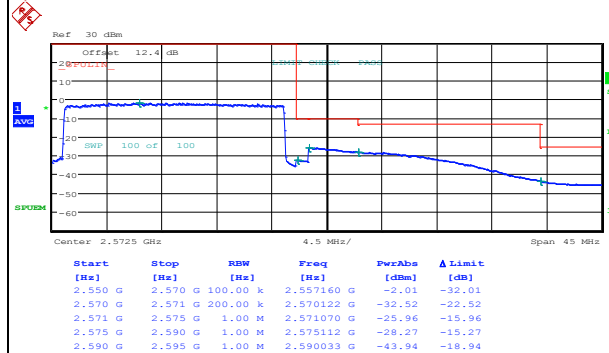
Date: 26.OCT.2014 16:53:54

## Lowest Band Edge / Full RB



Date: 26.OCT.2014 16:51:34

## Highest Band Edge / Full RB



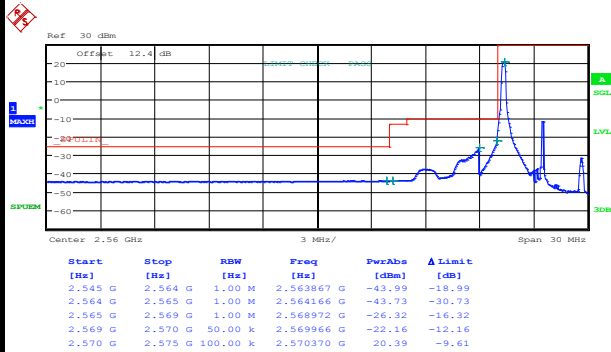
Date: 26.OCT.2014 16:55:04





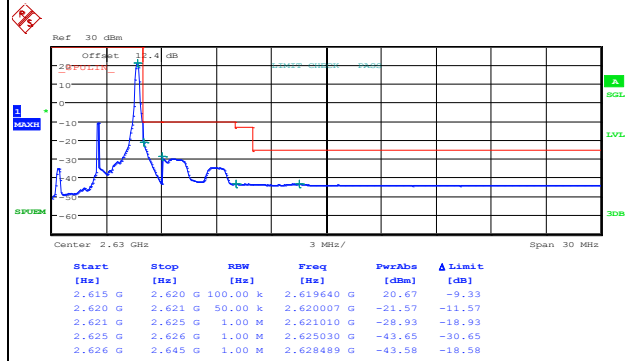
## LTE Band 38 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



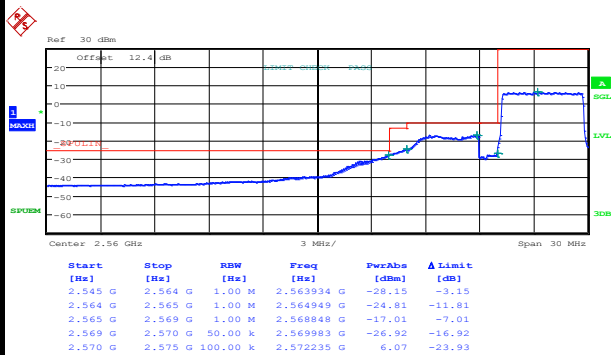
Date: 7.NOV.2014 09:08:45

## Highest Band Edge / 1 RB



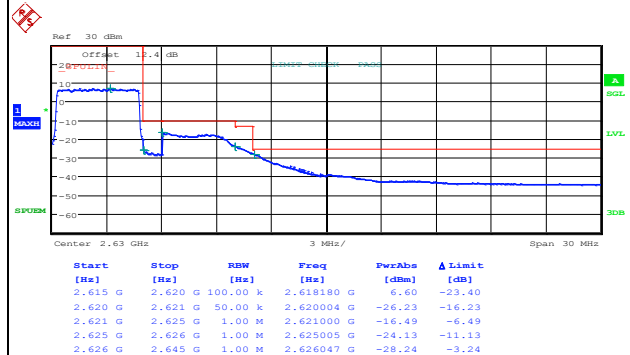
Date: 7.NOV.2014 09:46:34

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:08:19

## Highest Band Edge / Full RB



Date: 7.NOV.2014 09:43:44



### Highest Band Edge / 1 RB



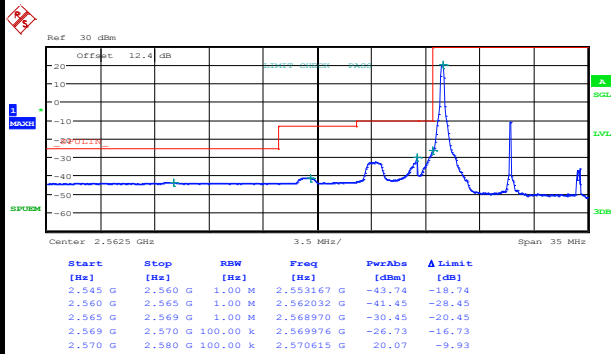
### Highest Band Edge / Full RB





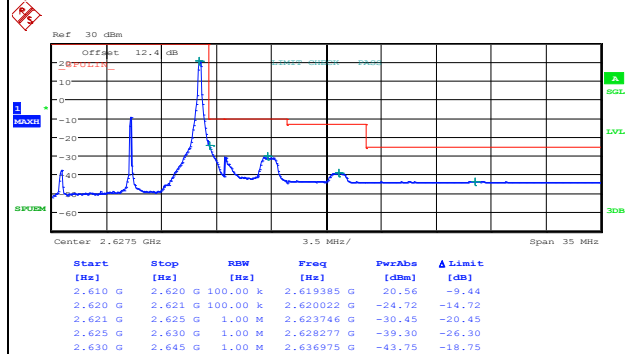
## LTE Band 38 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



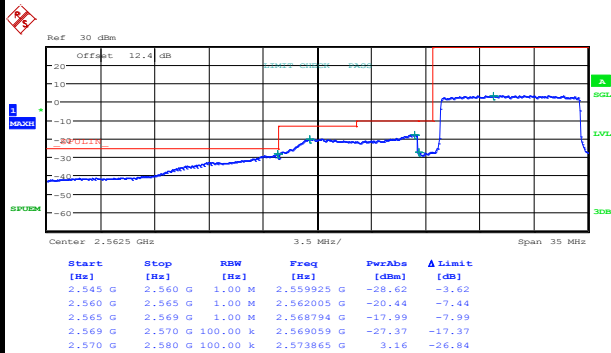
Date: 7.NOV.2014 09:13:12

## Highest Band Edge / 1 RB



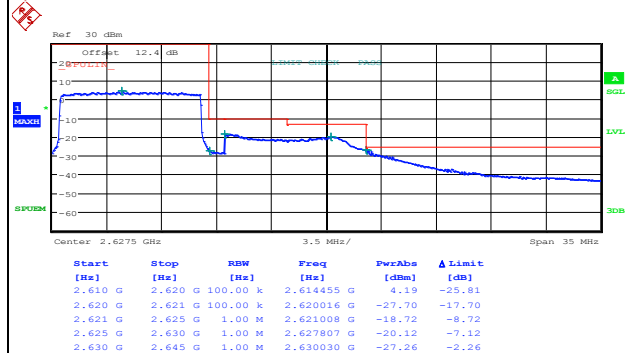
Date: 7.NOV.2014 09:42:18

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:12:49

## Highest Band Edge / Full RB

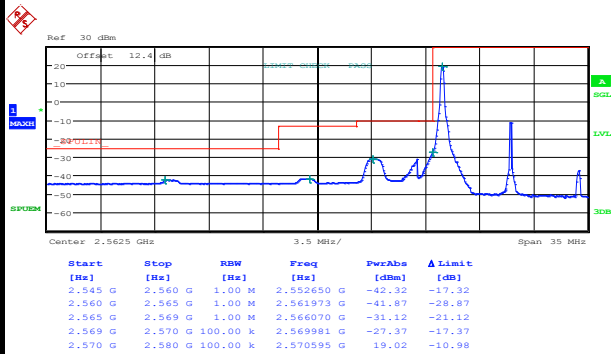


Date: 7.NOV.2014 09:40:59



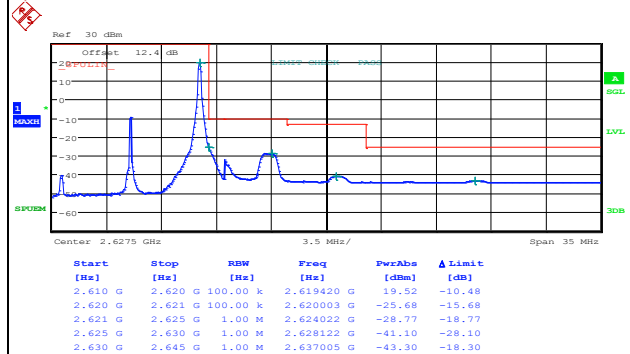
## LTE Band 38 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



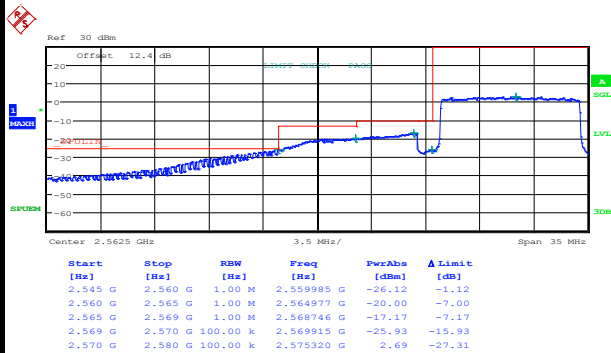
Date: 7.NOV.2014 09:13:33

## Highest Band Edge / 1 RB



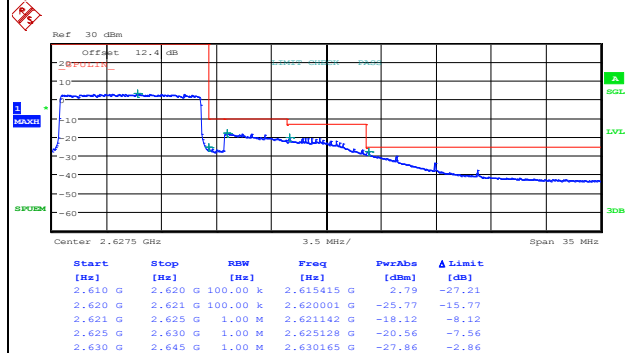
Date: 7.NOV.2014 09:41:57

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:12:22

## Highest Band Edge / Full RB

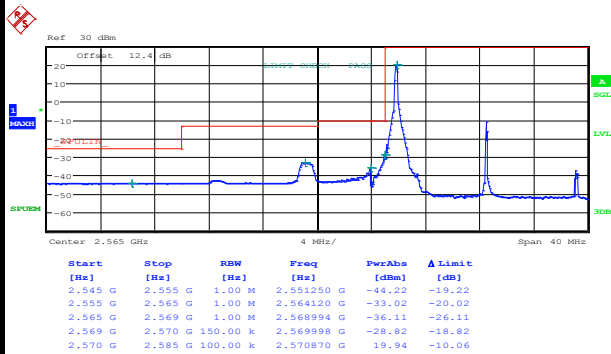


Date: 7.NOV.2014 09:41:36



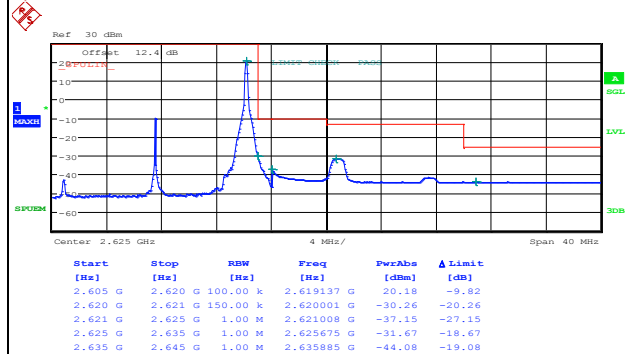
## LTE Band 38 / 15MHz / QPSK

## Lowest Band Edge / 1 RB



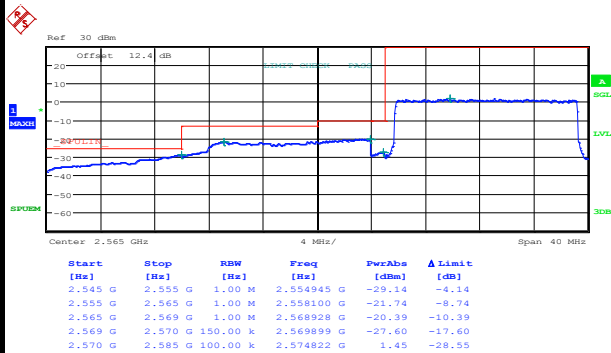
Date: 7.NOV.2014 09:26:54

## Highest Band Edge / 1 RB



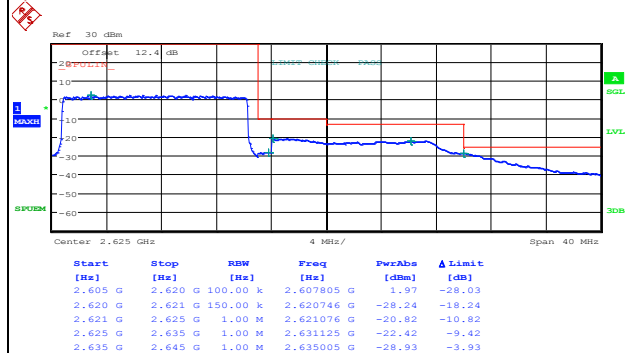
Date: 7.NOV.2014 09:50:30

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:26:06

## Highest Band Edge / Full RB

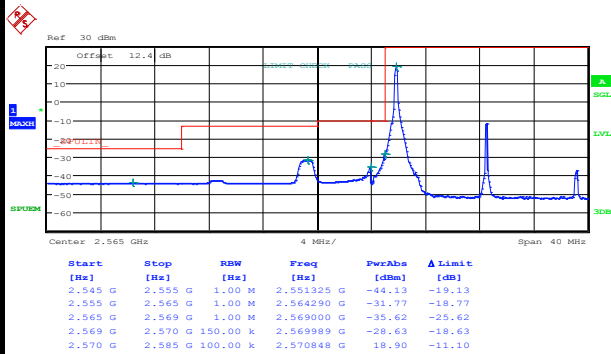


Date: 7.NOV.2014 09:49:03



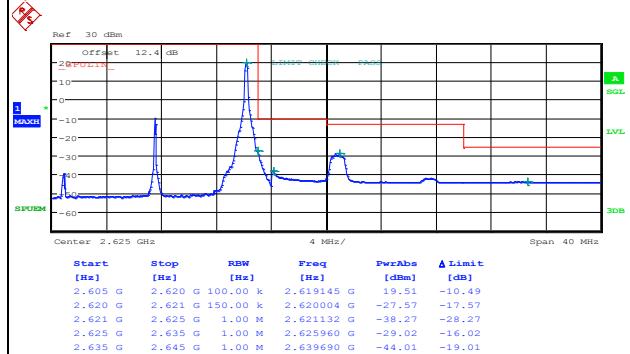
## LTE Band 38 / 15MHz / 16QAM

## Lowest Band Edge / 1 RB



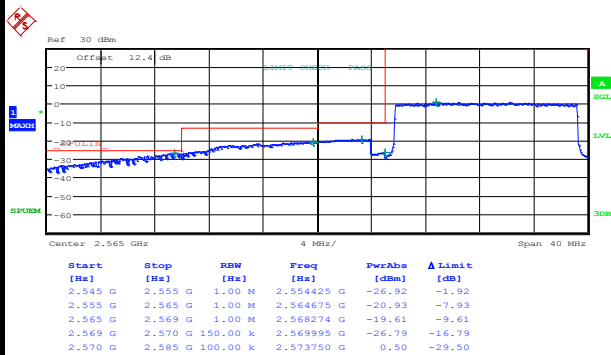
Date: 7.NOV.2014 09:29:10

## Highest Band Edge / 1 RB



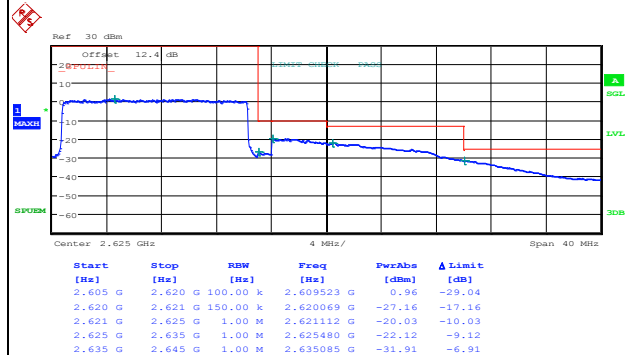
Date: 7.NOV.2014 09:49:43

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:25:44

## Highest Band Edge / Full RB

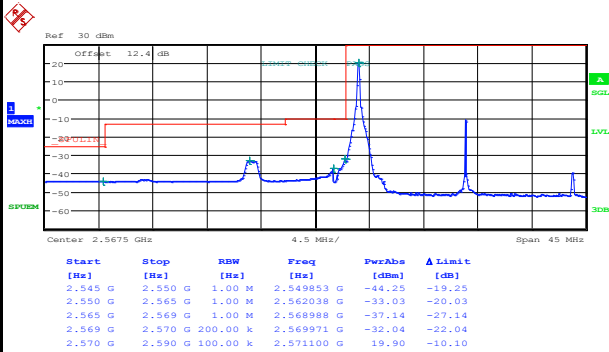


Date: 7.NOV.2014 09:49:17



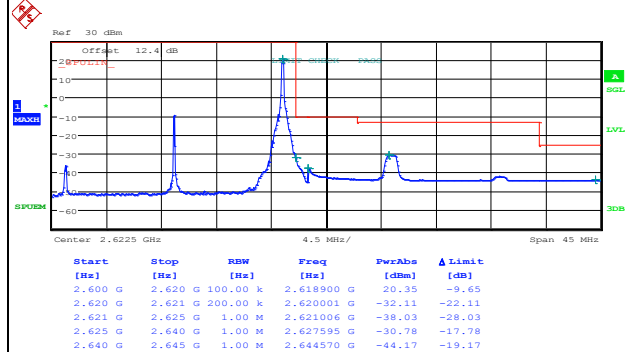
## LTE Band 38 / 20MHz / QPSK

## Lowest Band Edge / 1 RB



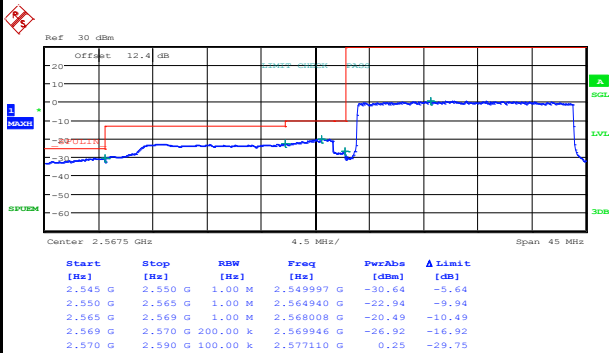
Date: 7.NOV.2014 09:34:00

## Highest Band Edge / 1 RB



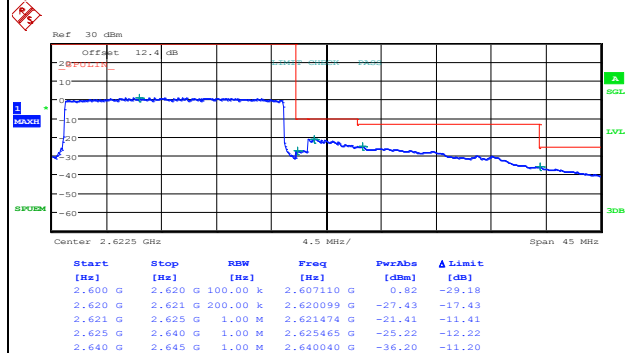
Date: 7.NOV.2014 09:53:01

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:33:31

## Highest Band Edge / Full RB

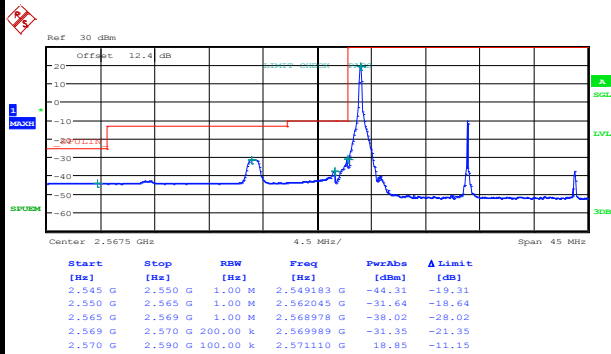


Date: 7.NOV.2014 09:51:56



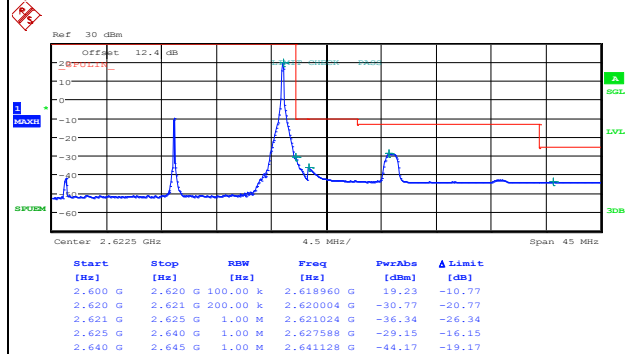
## LTE Band 38 / 20MHz / 16QAM

## Lowest Band Edge / 1 RB



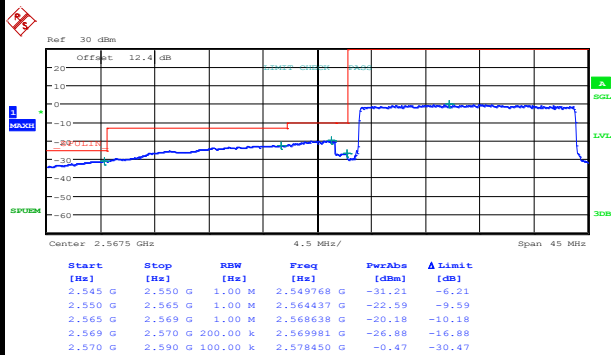
Date: 7.NOV.2014 09:34:21

## Highest Band Edge / 1 RB



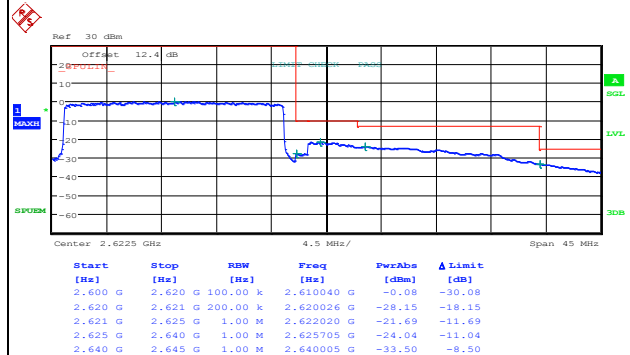
Date: 7.NOV.2014 09:52:47

## Lowest Band Edge / Full RB



Date: 7.NOV.2014 09:32:33

## Highest Band Edge / Full RB



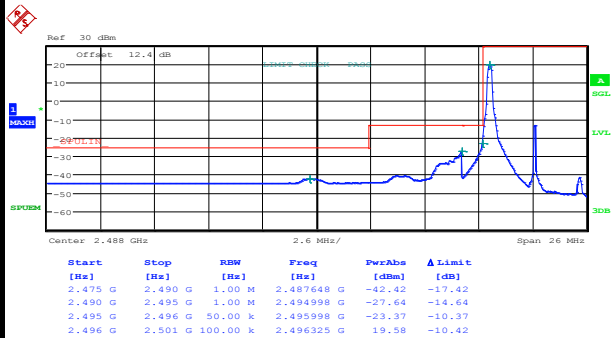
Date: 7.NOV.2014 09:52:24





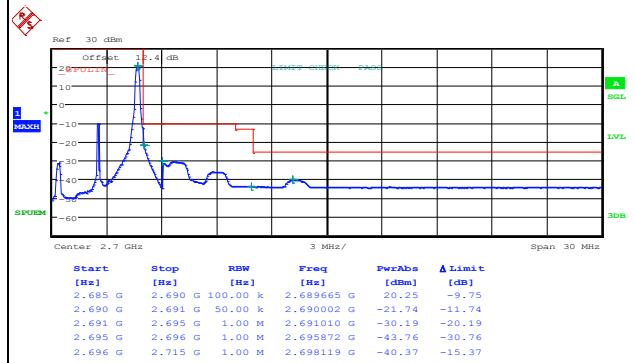
## LTE Band 41 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



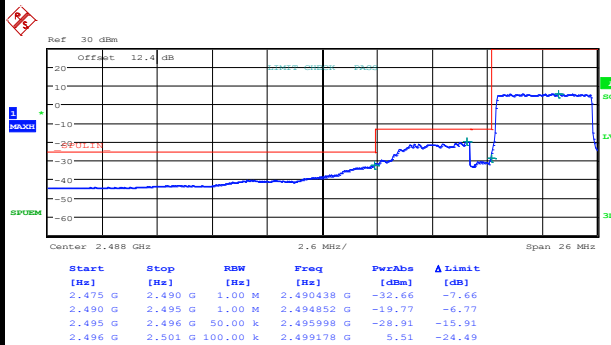
Date: 5.NOV.2014 09:35:48

## Highest Band Edge / 1 RB



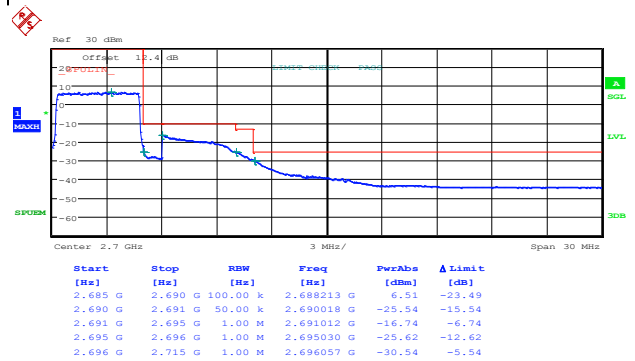
Date: 7.NOV.2014 10:21:09

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 09:37:27

## Highest Band Edge / Full RB

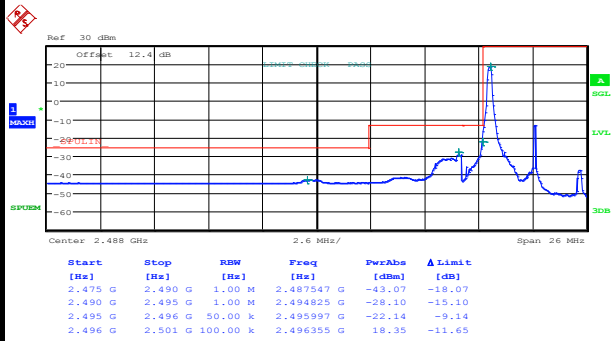


Date: 7.NOV.2014 10:20:14



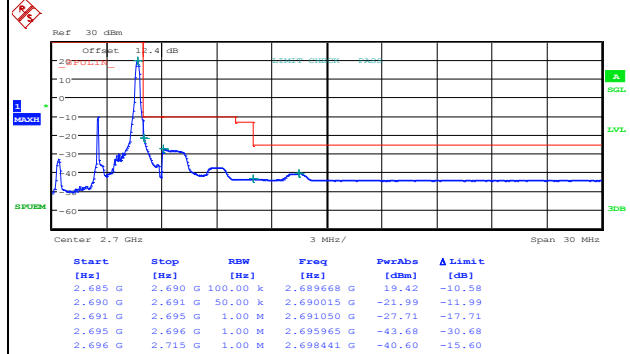
## LTE Band 41 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



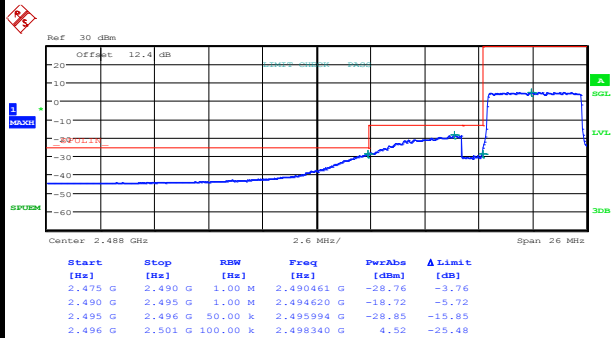
Date: 5.NOV.2014 09:36:30

## Highest Band Edge / 1 RB



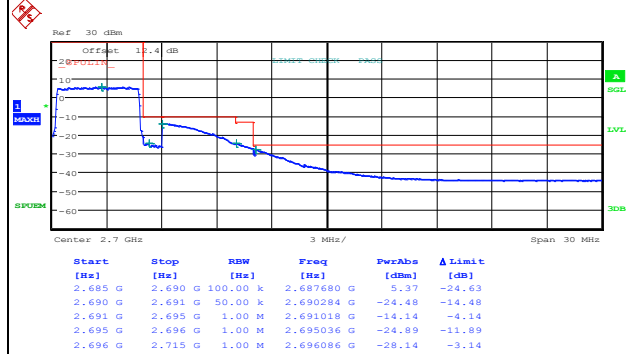
Date: 7.NOV.2014 10:20:48

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 09:36:56

## Highest Band Edge / Full RB

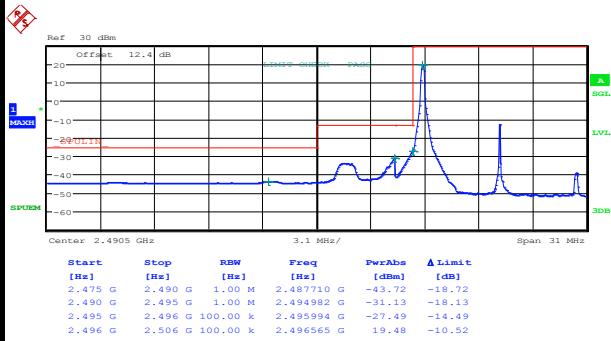


Date: 7.NOV.2014 10:20:32



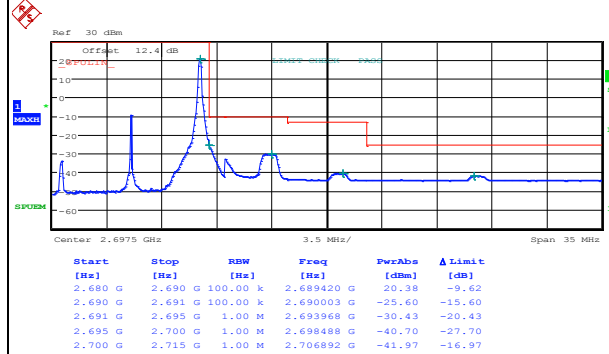
## LTE Band 41 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



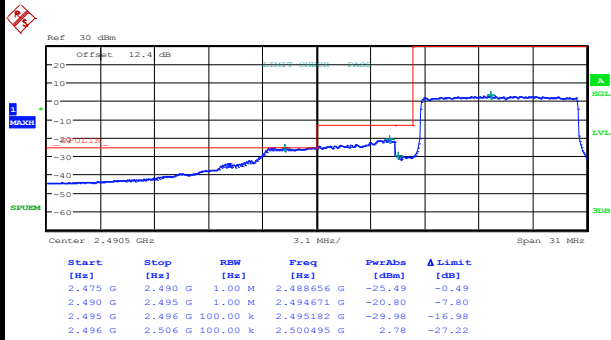
Date: 5.NOV.2014 09:53:26

## Highest Band Edge / 1 RB



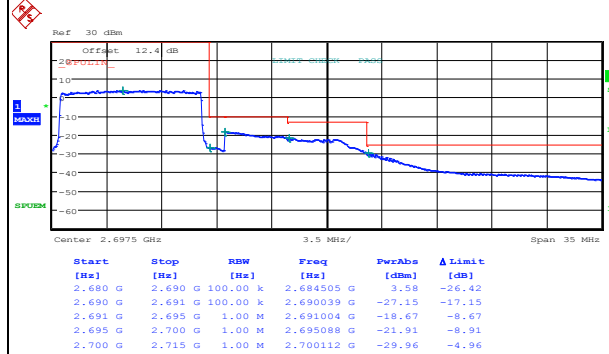
Date: 7.NOV.2014 10:18:44

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 09:39:15

## Highest Band Edge / Full RB

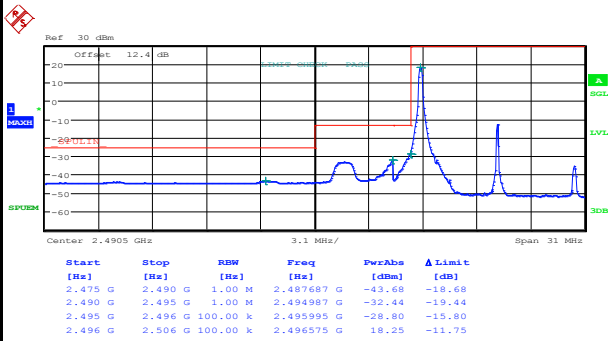


Date: 7.NOV.2014 10:17:40



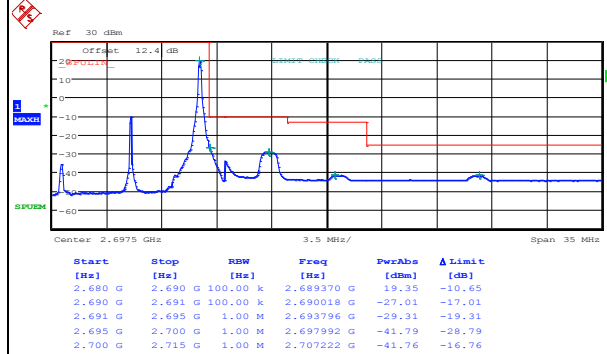
## LTE Band 41 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



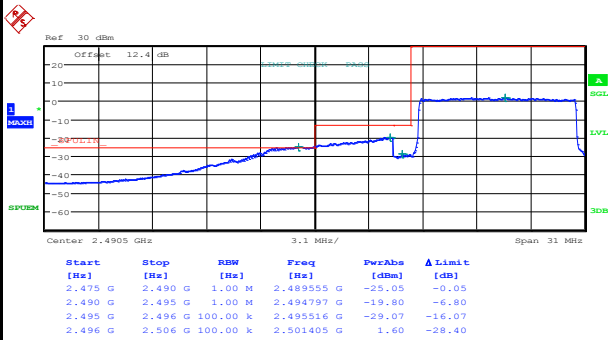
Date: 5.NOV.2014 09:52:40

## Highest Band Edge / 1 RB



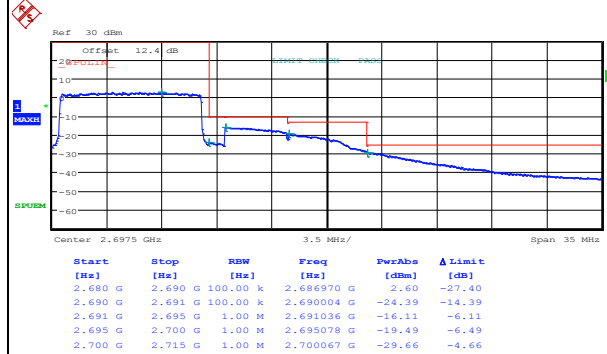
Date: 7.NOV.2014 10:18:28

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 09:51:37

## Highest Band Edge / Full RB

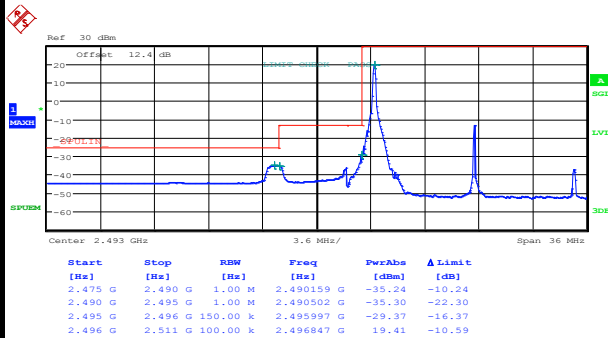


Date: 7.NOV.2014 10:17:56



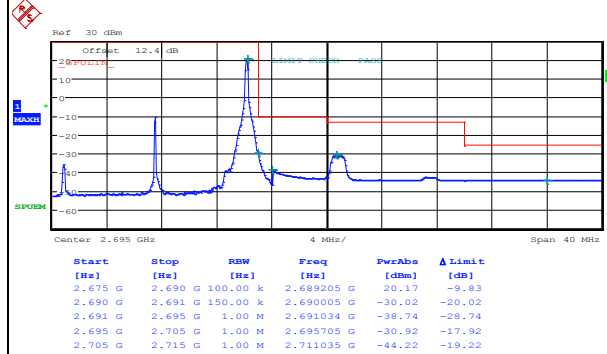
## LTE Band 41 / 15MHz / QPSK

## Lowest Band Edge / 1 RB



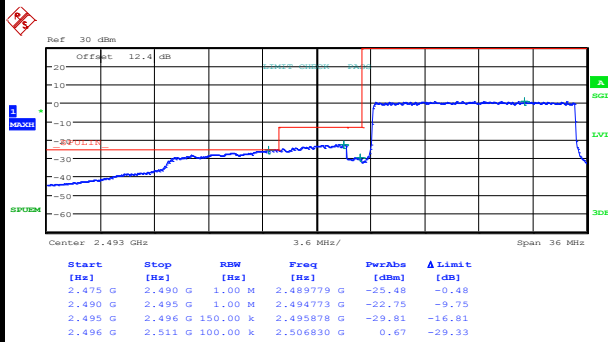
Date: 5.NOV.2014 10:00:21

## Highest Band Edge / 1 RB



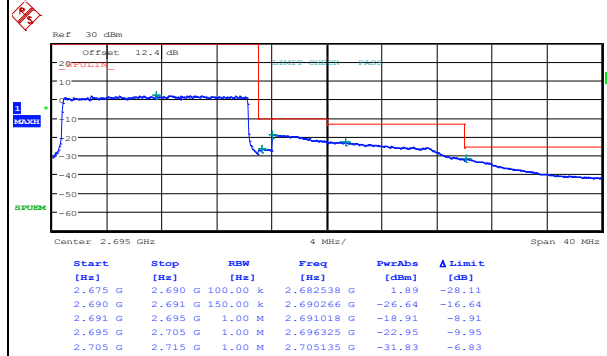
Date: 7.NOV.2014 11:00:37

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 09:55:08

## Highest Band Edge / Full RB

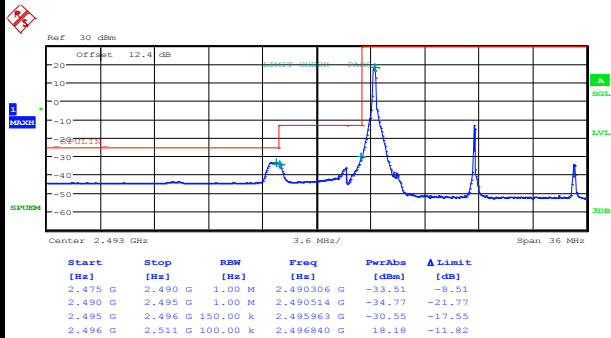


Date: 7.NOV.2014 10:24:04



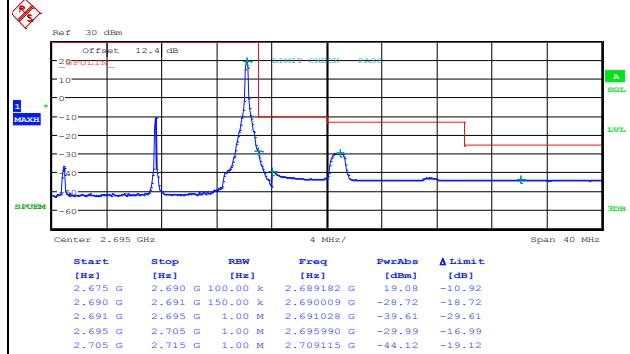
## LTE Band 41 / 15MHz / 16QAM

## Lowest Band Edge / 1 RB



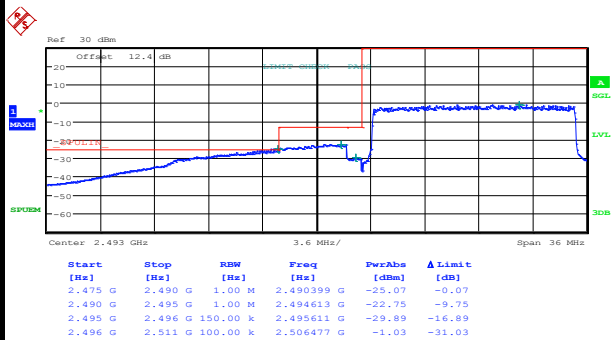
Date: 5.NOV.2014 09:59:11

## Highest Band Edge / 1 RB



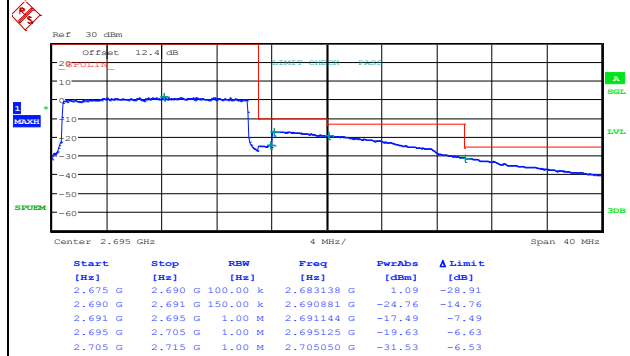
Date: 7.NOV.2014 10:58:32

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 10:40:39

## Highest Band Edge / Full RB

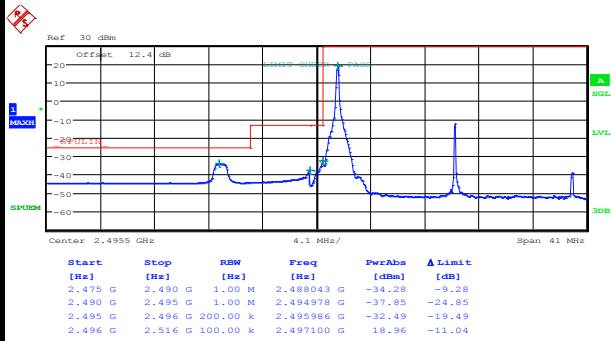


Date: 7.NOV.2014 10:24:40



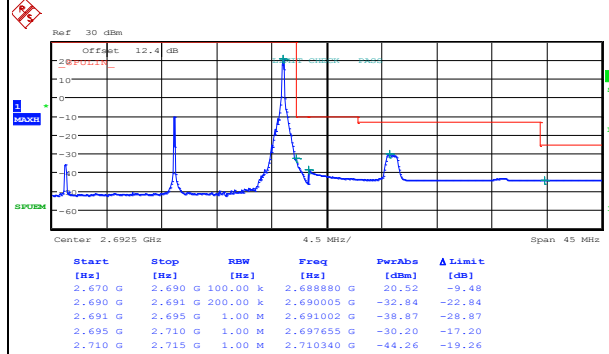
## LTE Band 41 / 20MHz / QPSK

## Lowest Band Edge / 1 RB



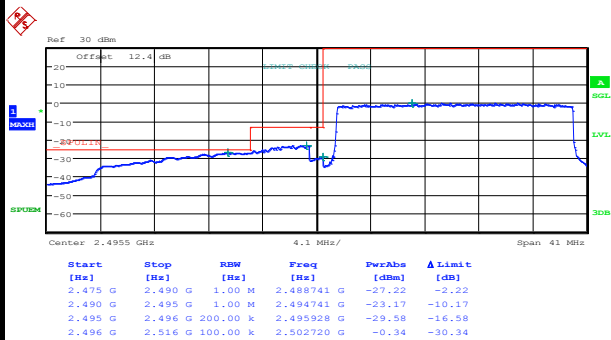
Date: 5.NOV.2014 10:09:06

## Highest Band Edge / 1 RB



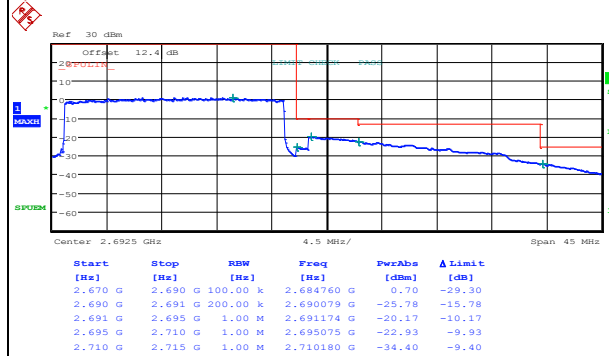
Date: 7.NOV.2014 11:05:48

## Lowest Band Edge / Full RB



Date: 5.NOV.2014 10:08:12

## Highest Band Edge / Full RB

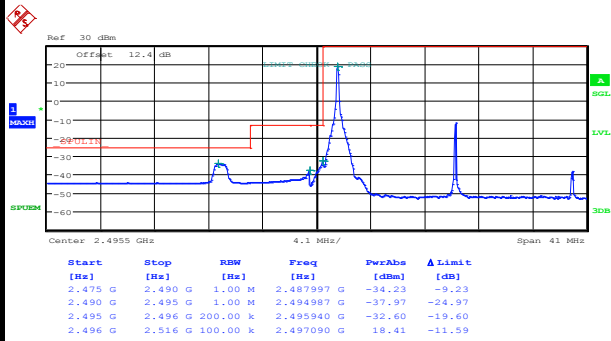


Date: 7.NOV.2014 11:02:37



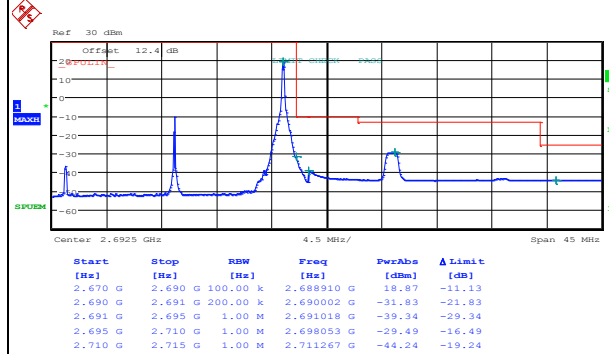
## LTE Band 41 / 20MHz / 16QAM

## Lowest Band Edge / 1 RB



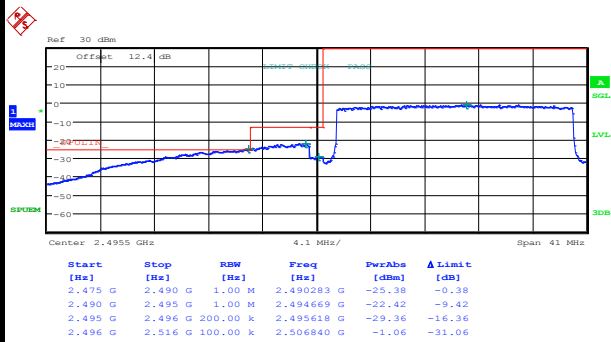
Date: 5.NOV.2014 10:09:28

## Highest Band Edge / 1 RB



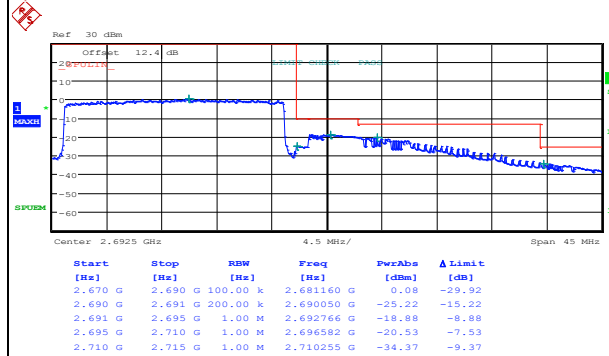
Date: 7.NOV.2014 11:05:25

## Lowest Band Edge / Full RB



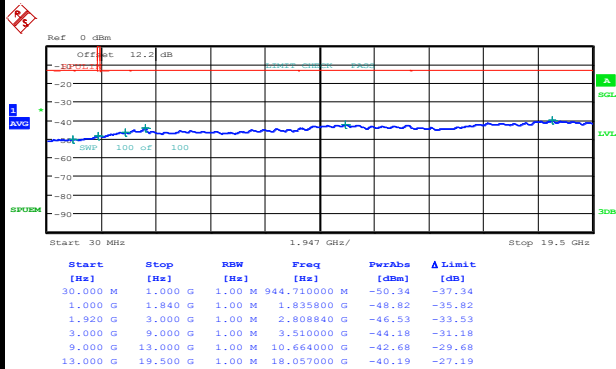
Date: 5.NOV.2014 10:06:35

## Highest Band Edge / Full RB

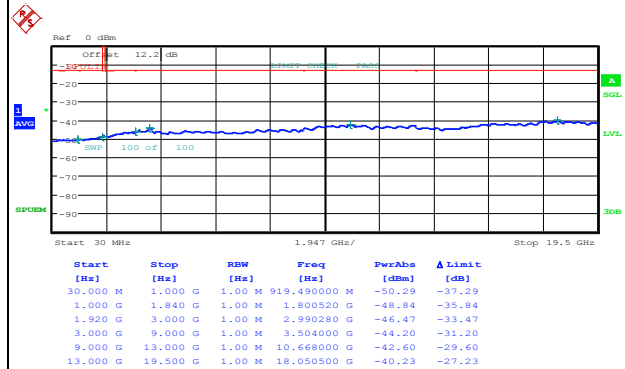


Date: 7.NOV.2014 11:04:54

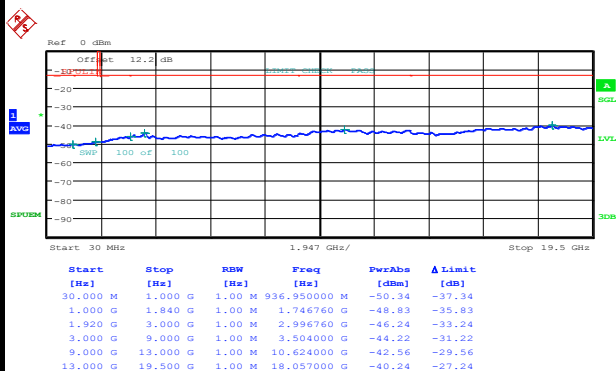


**Conducted Spurious Emission****LTE Band 2 / 1.4MHz****Lowest Channel / QPSK**

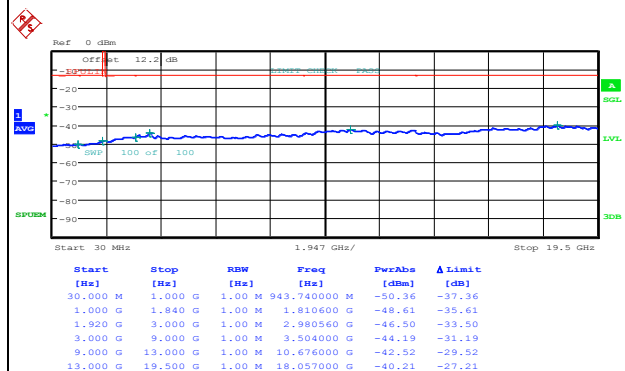
Date: 25.OCT.2014 07:39:13

**Lowest Channel / 16QAM**

Date: 25.OCT.2014 07:40:23

**Middle Channel / QPSK**

Date: 25.OCT.2014 07:42:20

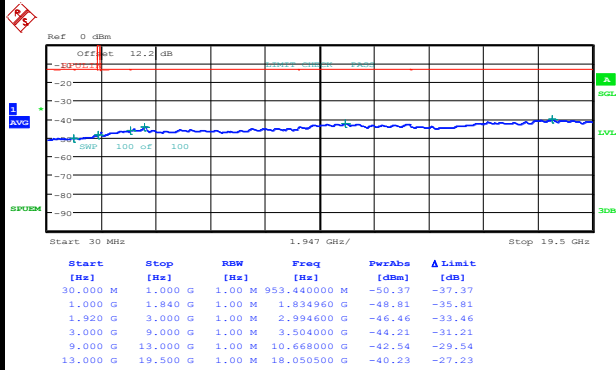
**Middle Channel / 16QAM**

Date: 25.OCT.2014 07:43:30



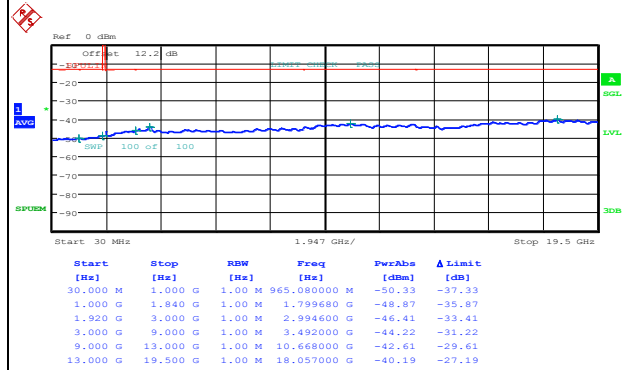
## LTE Band 2 / 1.4MHz

## Highest Channel / QPSK



Date: 25.OCT.2014 07:50:07

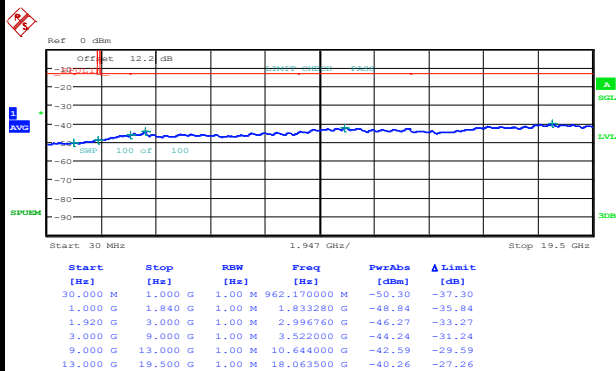
## Highest Channel / 16QAM



Date: 25.OCT.2014 07:51:17

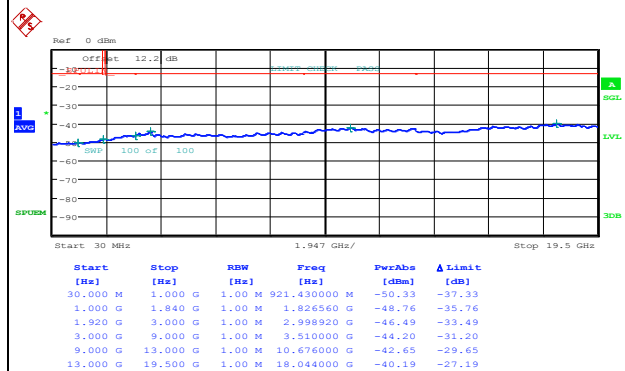
## LTE Band 2 / 3MHz

## Lowest Channel / QPSK



Date: 25.OCT.2014 08:02:00

## Lowest Channel / 16QAM

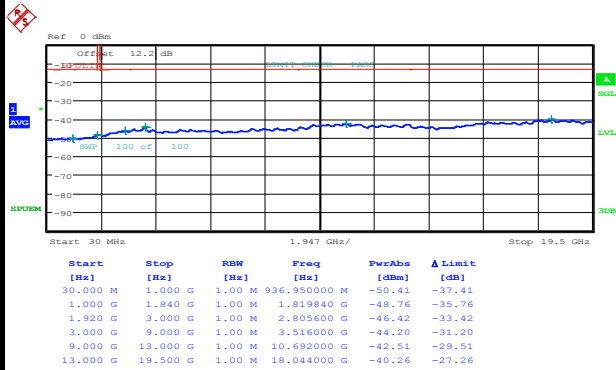


Date: 25.OCT.2014 08:03:10



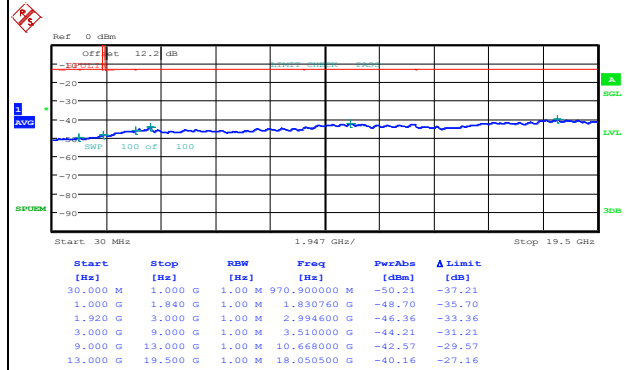
## LTE Band 2 / 3MHz

## Middle Channel / QPSK



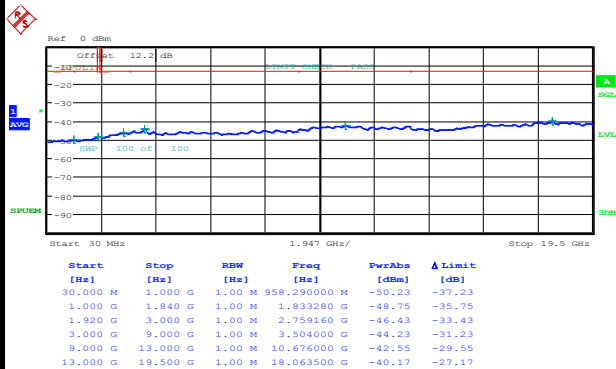
Date: 25.OCT.2014 08:05:07

## Middle Channel / 16QAM



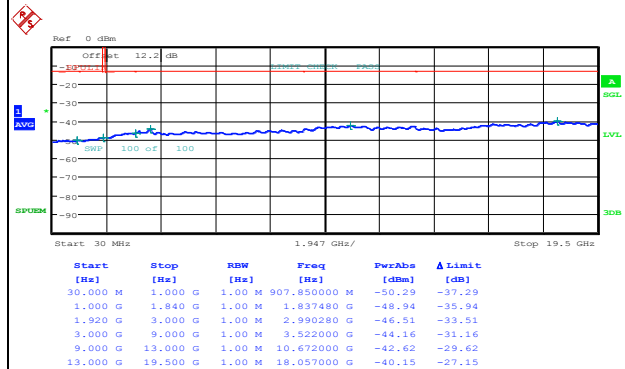
Date: 25.OCT.2014 08:06:17

## Highest Channel / QPSK



Date: 25.OCT.2014 08:12:54

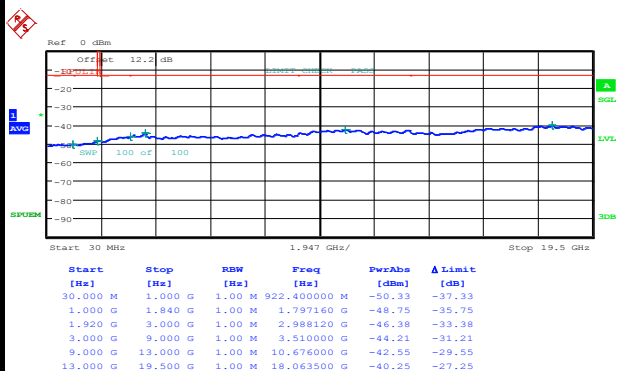
## Highest Channel / 16QAM



Date: 25.OCT.2014 08:14:04

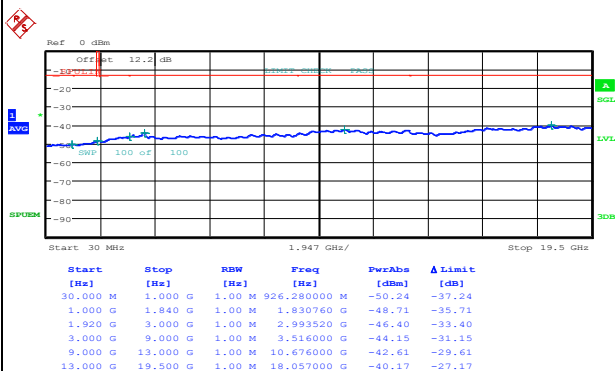
## LTE Band 2 / 5MHz

### Lowest Channel / QPSK



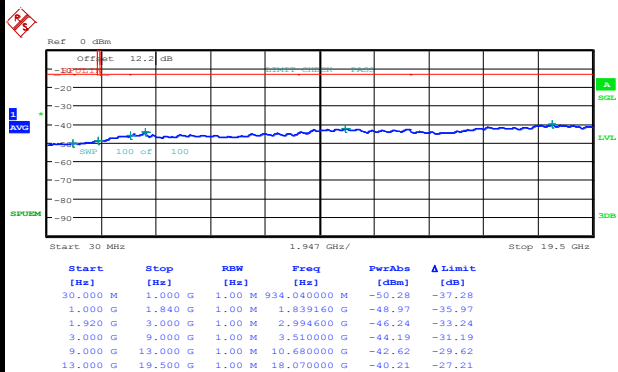
Date: 25.OCT.2014 08:20:47

### Lowest Channel / 16QAM



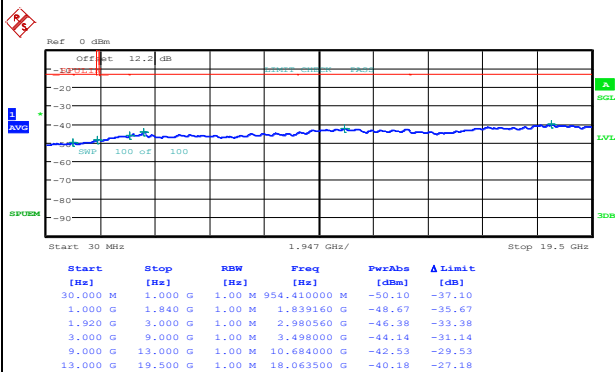
Date: 25.OCT.2014 08:21:57

### Middle Channel / QPSK



Date: 25.OCT.2014 08:23:55

### Middle Channel / 16QAM

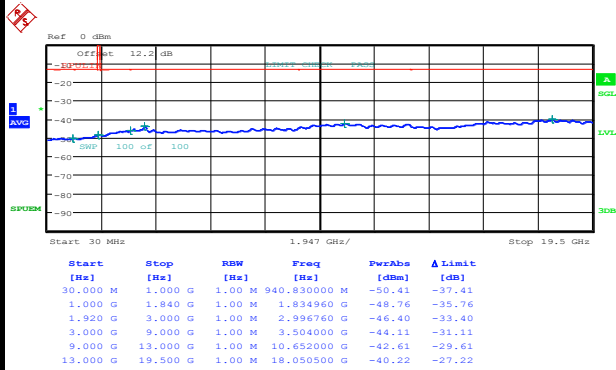


Date: 25.OCT.2014 08:25:04



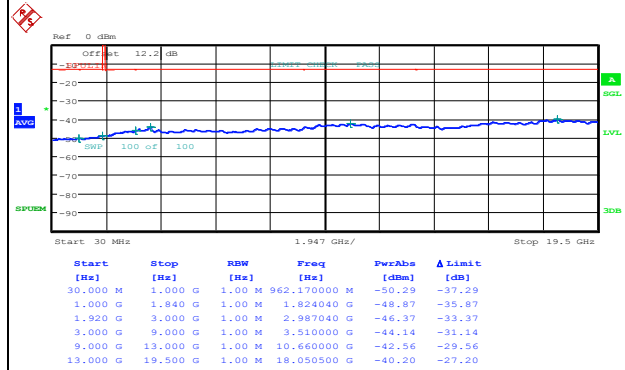
## LTE Band 2 / 5MHz

## Highest Channel / QPSK



Date: 25.OCT.2014 08:31:41

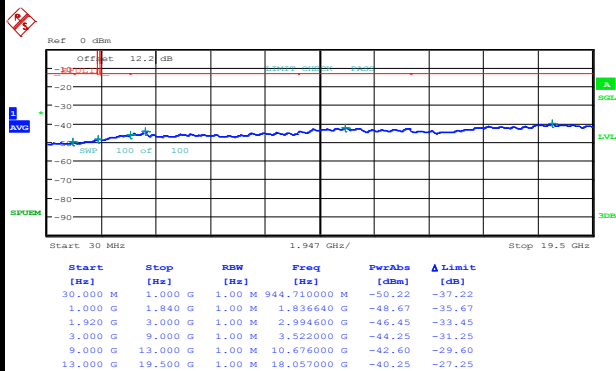
## Highest Channel / 16QAM



Date: 25.OCT.2014 08:32:51

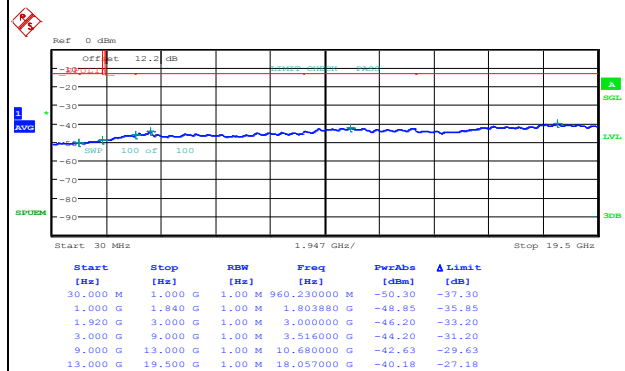
## LTE Band 2 / 10MHz

## Lowest Channel / QPSK



Date: 25.OCT.2014 08:39:28

## Lowest Channel / 16QAM

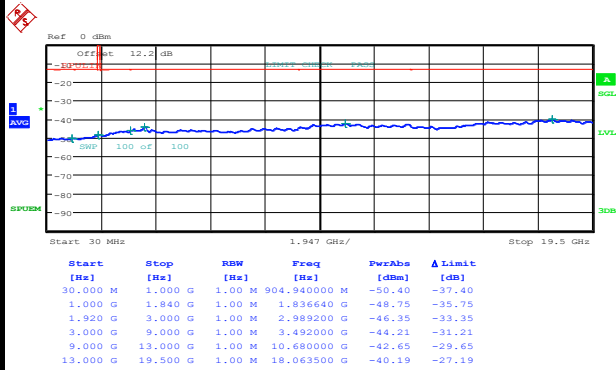


Date: 25.OCT.2014 08:40:38



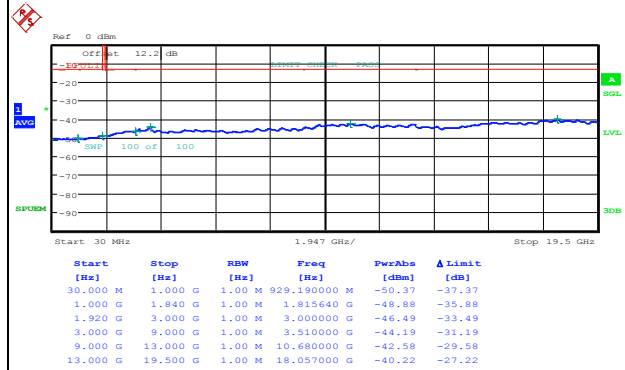
## LTE Band 2 / 10MHz

## Middle Channel / QPSK



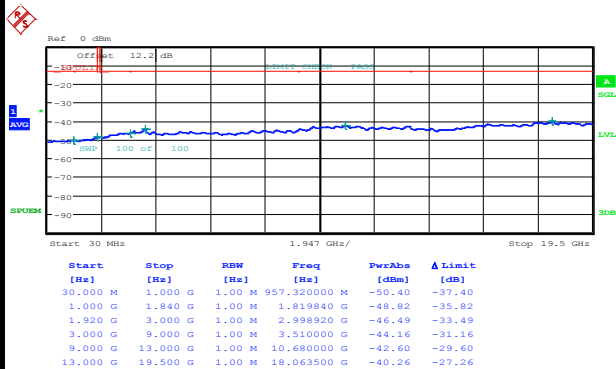
Date: 25.OCT.2014 08:42:35

## Middle Channel / 16QAM



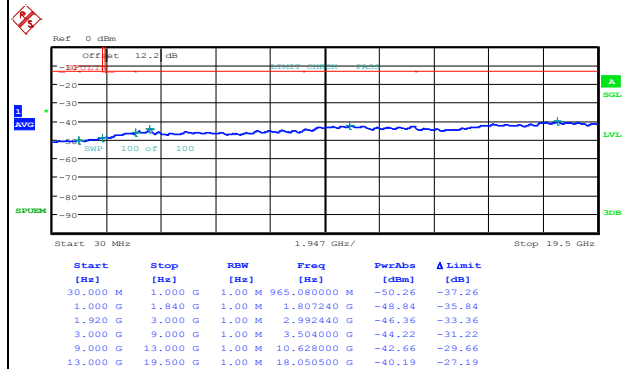
Date: 25.OCT.2014 08:43:45

## Highest Channel / QPSK



Date: 25.OCT.2014 08:50:23

## Highest Channel / 16QAM

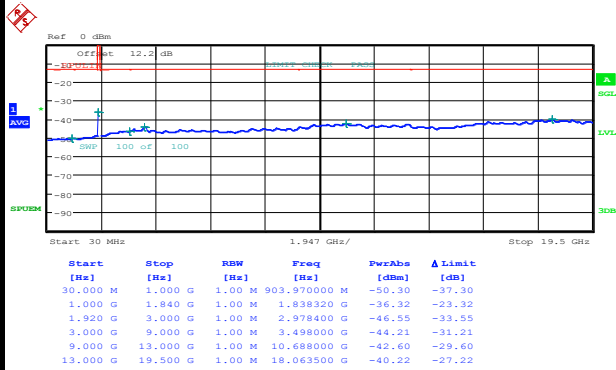


Date: 25.OCT.2014 08:51:33



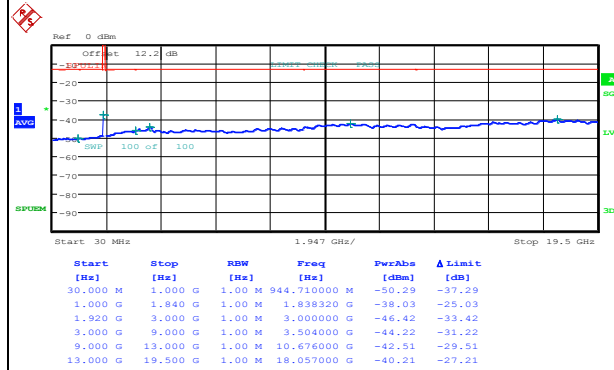
## LTE Band 2 / 15MHz

## Lowest Channel / QPSK



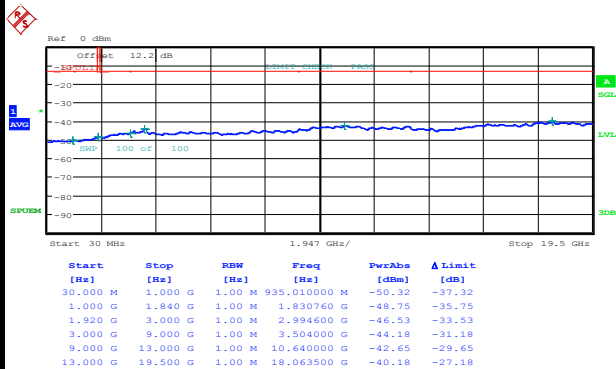
Date: 25.OCT.2014 08:58:11

## Lowest Channel / 16QAM



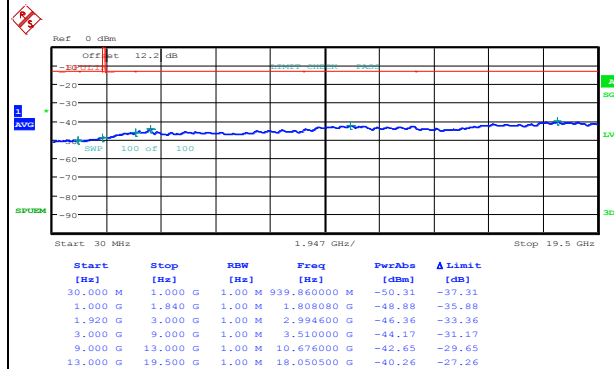
Date: 25.OCT.2014 08:59:21

## Middle Channel / QPSK



Date: 25.OCT.2014 09:01:18

## Middle Channel / 16QAM

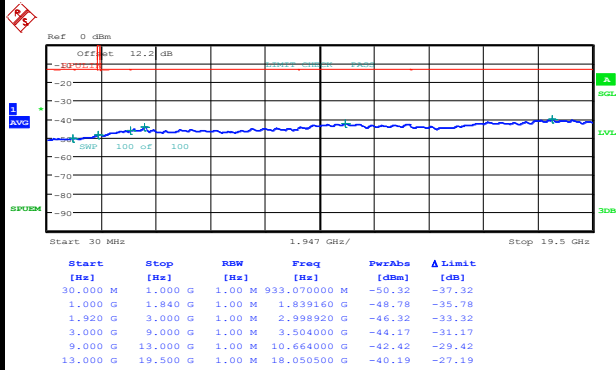


Date: 25.OCT.2014 09:02:28



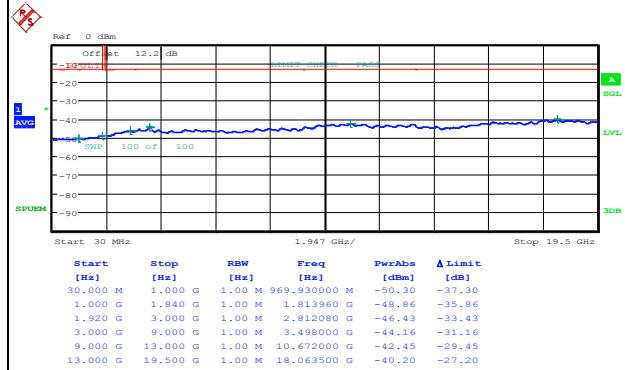
## LTE Band 2 / 15MHz

## Highest Channel / QPSK



Date: 25.OCT.2014 09:09:04

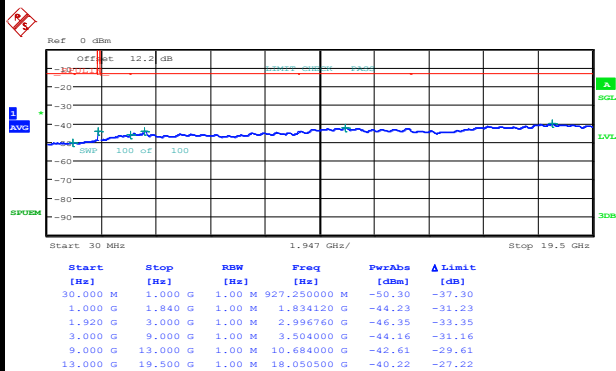
## Highest Channel / 16QAM



Date: 25.OCT.2014 09:10:14

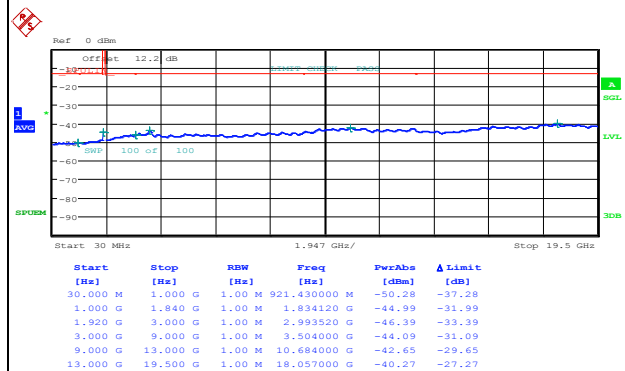
## LTE Band 2 / 20MHz

## Lowest Channel / QPSK



Date: 25.OCT.2014 09:16:51

## Lowest Channel / 16QAM



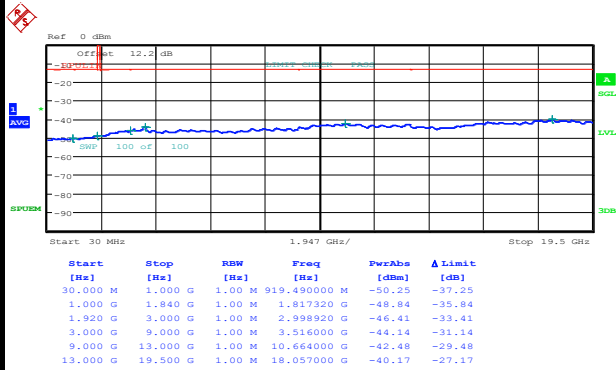
Date: 25.OCT.2014 09:18:01





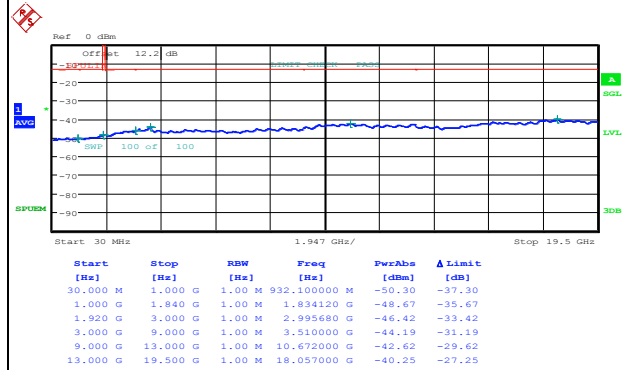
## LTE Band 2 / 20MHz

## Middle Channel / QPSK



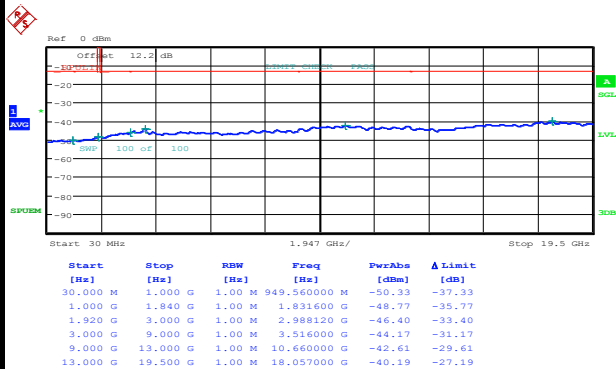
Date: 25.OCT.2014 09:19:58

## Middle Channel / 16QAM



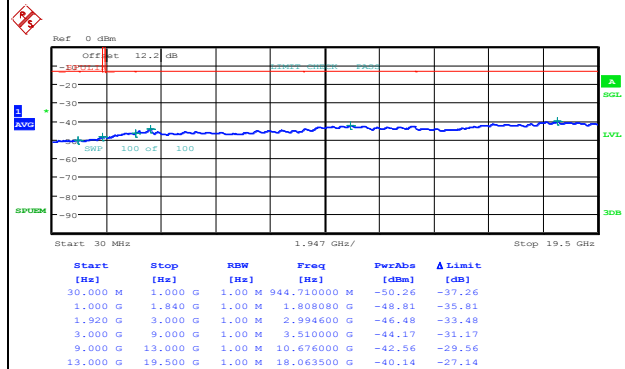
Date: 25.OCT.2014 09:21:08

## Highest Channel / QPSK



Date: 25.OCT.2014 09:27:44

## Highest Channel / 16QAM

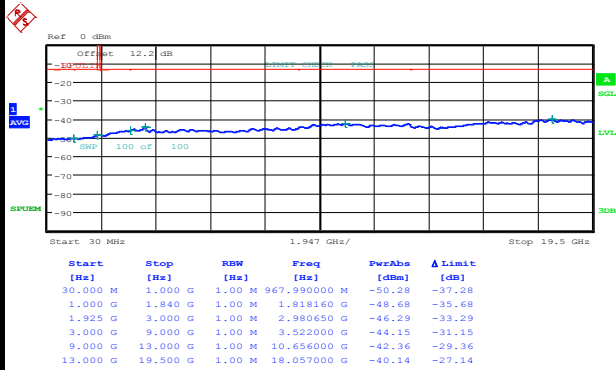


Date: 25.OCT.2014 09:28:54



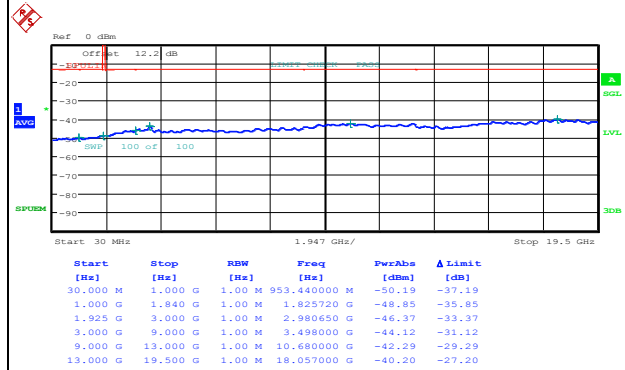
## LTE Band 25 / 1.4MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 11:29:00

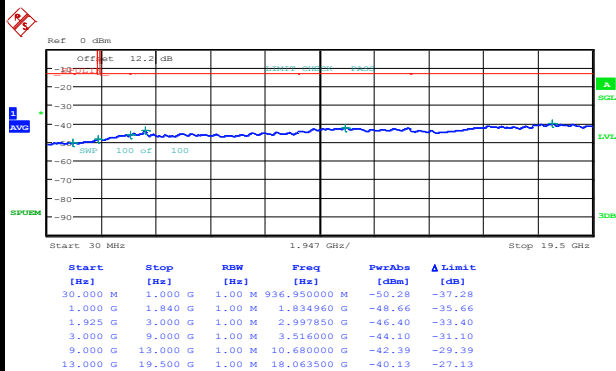
## Highest Channel / 16QAM



Date: 26.OCT.2014 11:30:10

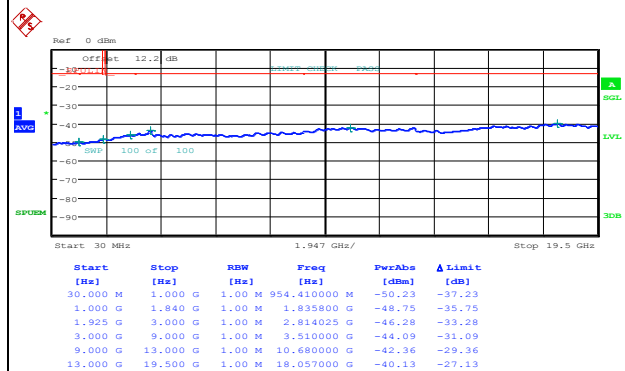
## LTE Band 25 / 3MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 11:39:03

## Highest Channel / 16QAM

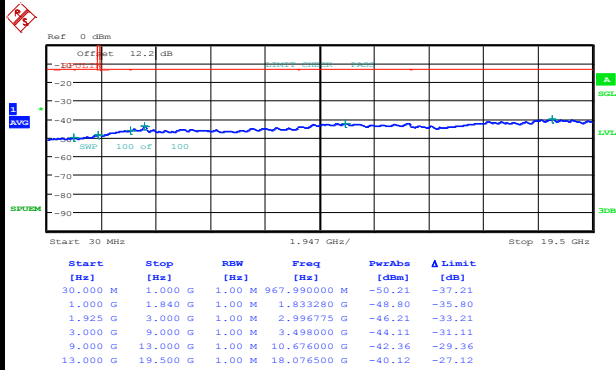


Date: 26.OCT.2014 11:40:14



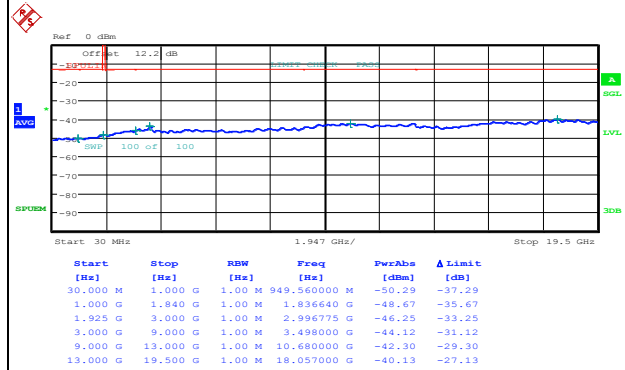
## LTE Band 25 / 5MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 11:46:57

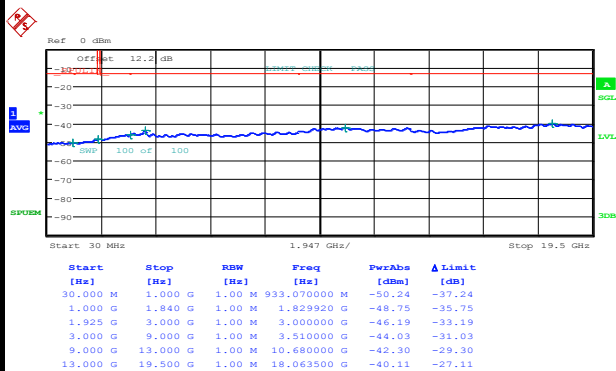
## Highest Channel / 16QAM



Date: 26.OCT.2014 11:48:08

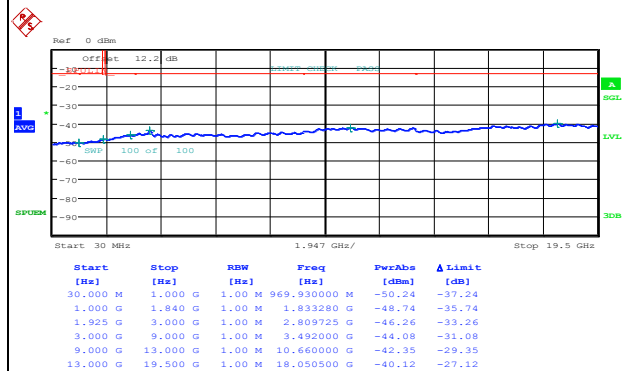
## LTE Band 25 / 10MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 11:54:51

## Highest Channel / 16QAM

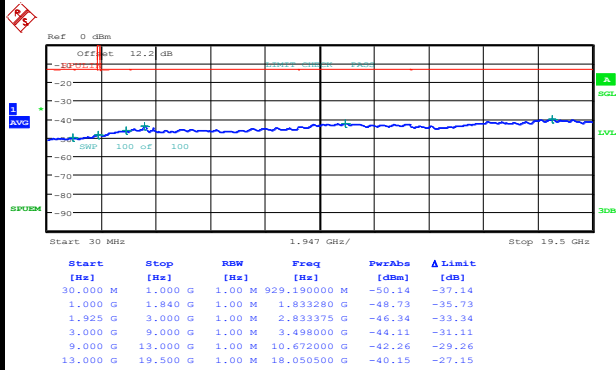


Date: 26.OCT.2014 11:56:01



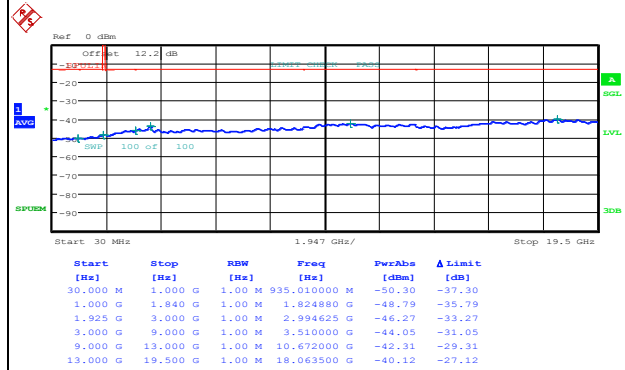
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 12:37:47

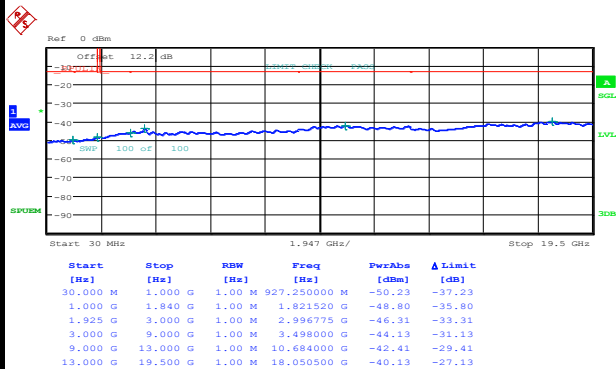
## Highest Channel / 16QAM



Date: 26.OCT.2014 12:38:58

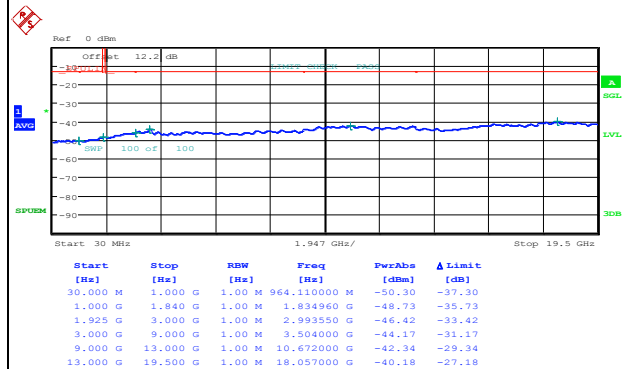
## LTE Band 25 / 20MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 12:45:41

## Highest Channel / 16QAM

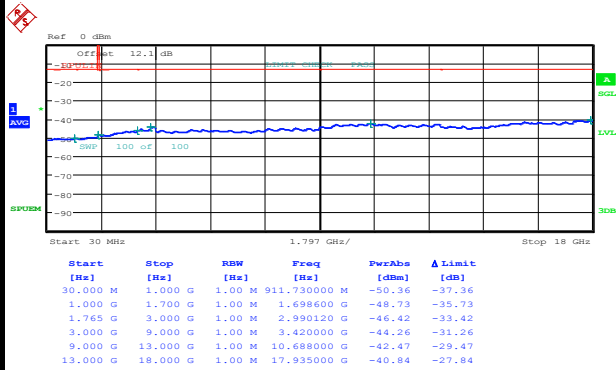


Date: 26.OCT.2014 12:46:51



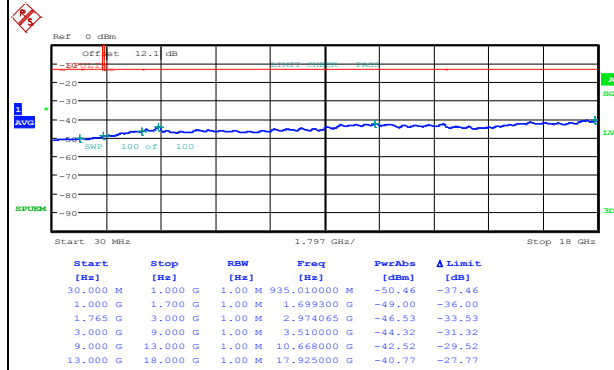
## LTE Band 4 / 1.4MHz

## Lowest Channel / QPSK



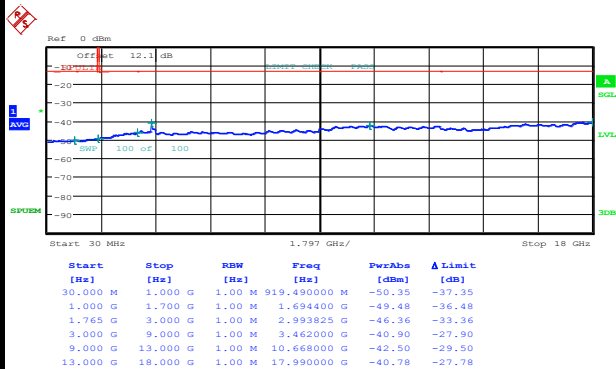
Date: 26.OCT.2014 09:00:48

## Lowest Channel / 16QAM



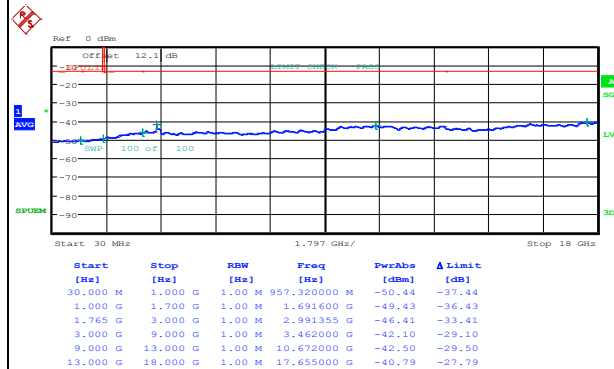
Date: 26.OCT.2014 09:01:58

## Middle Channel / QPSK



Date: 26.OCT.2014 09:03:55

## Middle Channel / 16QAM

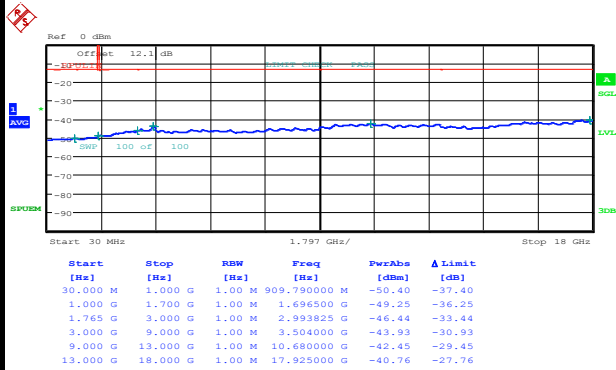


Date: 26.OCT.2014 09:05:05



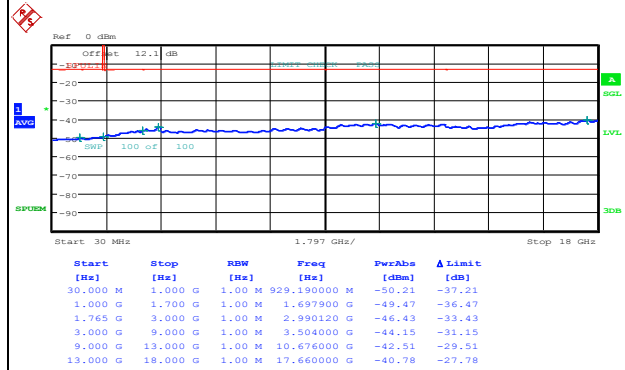
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 09:11:41

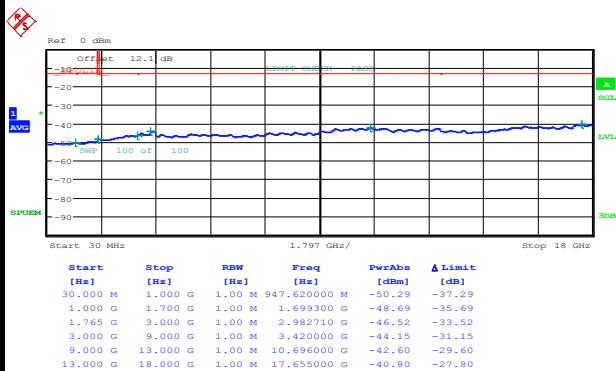
## Highest Channel / 16QAM



Date: 26.OCT.2014 09:12:51

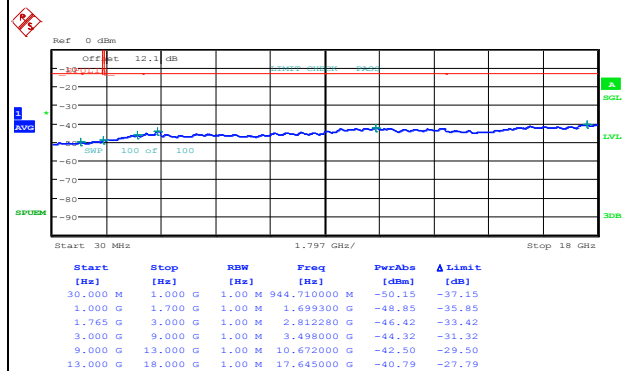
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 26.OCT.2014 09:21:05

## Lowest Channel / 16QAM

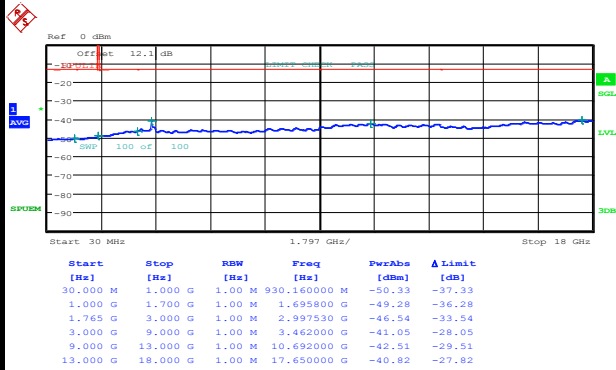


Date: 26.OCT.2014 09:22:15



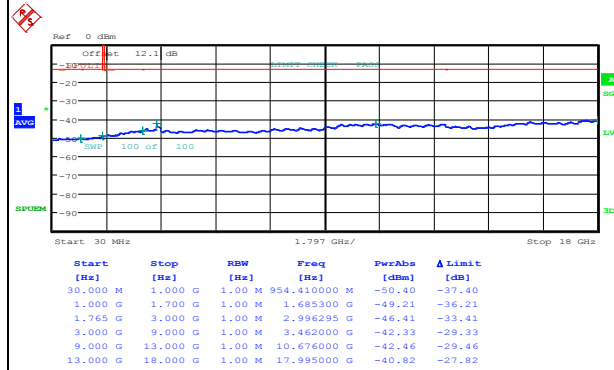
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



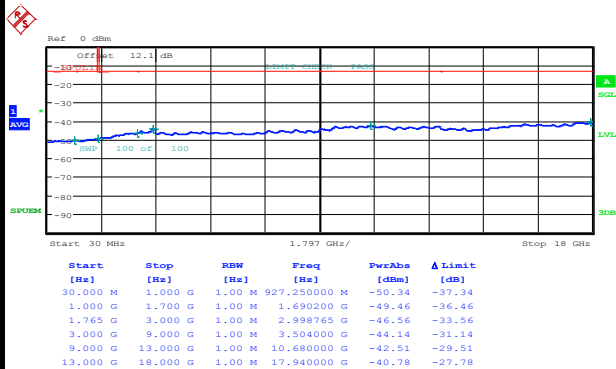
Date: 26.OCT.2014 09:24:12

## Middle Channel / 16QAM



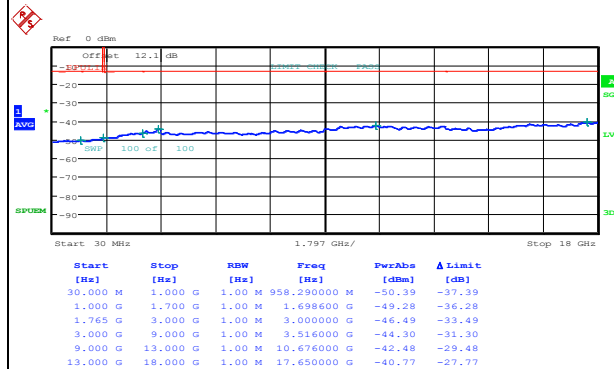
Date: 26.OCT.2014 09:25:22

## Highest Channel / QPSK



Date: 26.OCT.2014 09:31:58

## Highest Channel / 16QAM

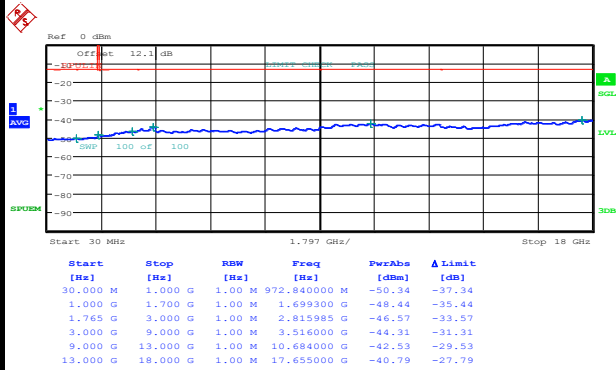


Date: 26.OCT.2014 09:33:08



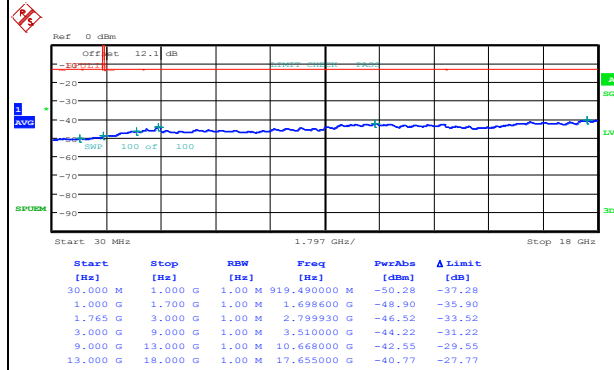
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



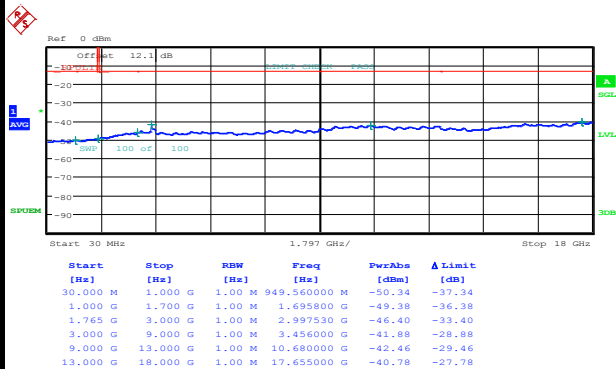
Date: 26.OCT.2014 09:39:49

## Lowest Channel / 16QAM



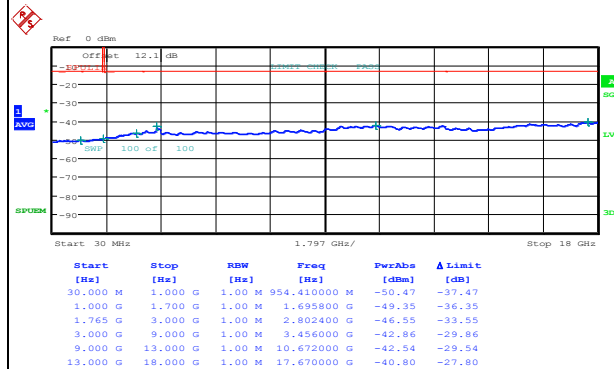
Date: 26.OCT.2014 09:41:01

## Middle Channel / QPSK



Date: 26.OCT.2014 09:43:01

## Middle Channel / 16QAM



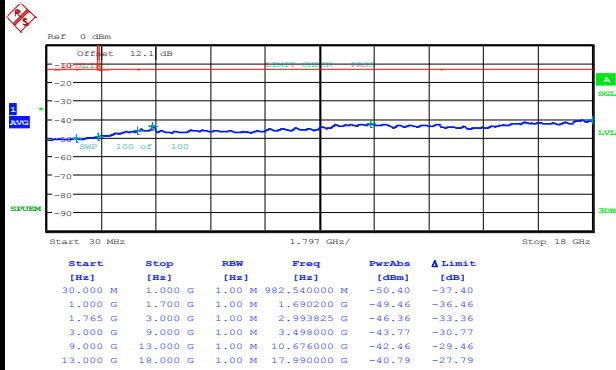
Date: 26.OCT.2014 09:44:11





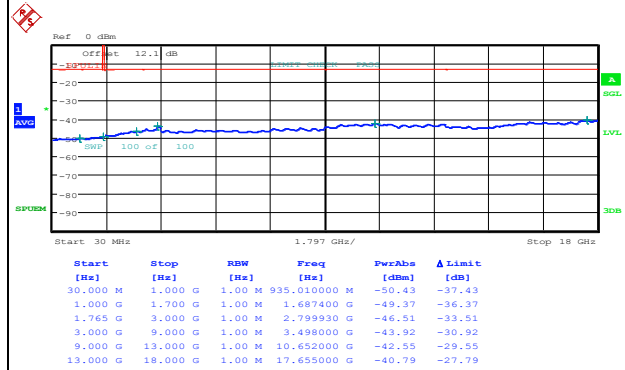
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 09:50:47

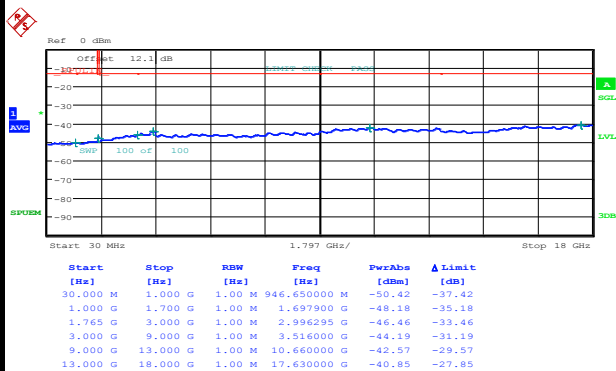
## Highest Channel / 16QAM



Date: 26.OCT.2014 09:51:56

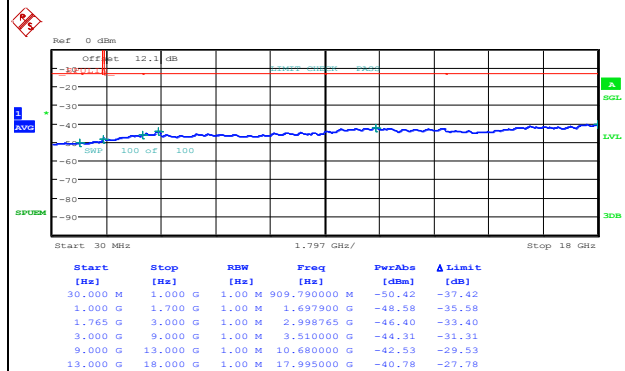
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 26.OCT.2014 09:58:37

## Lowest Channel / 16QAM

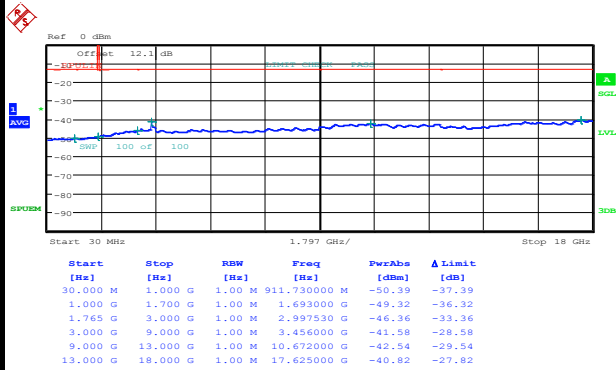


Date: 26.OCT.2014 09:59:48



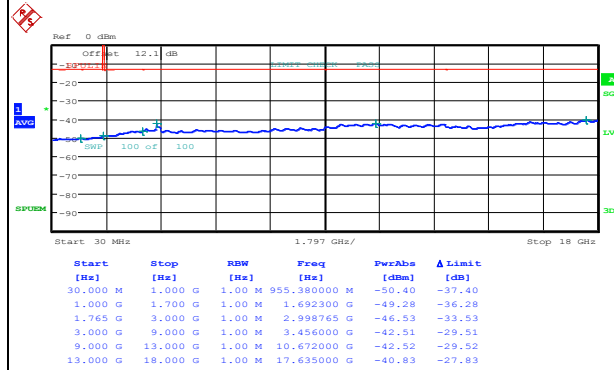
## LTE Band 4 / 10MHz

## Middle Channel / QPSK



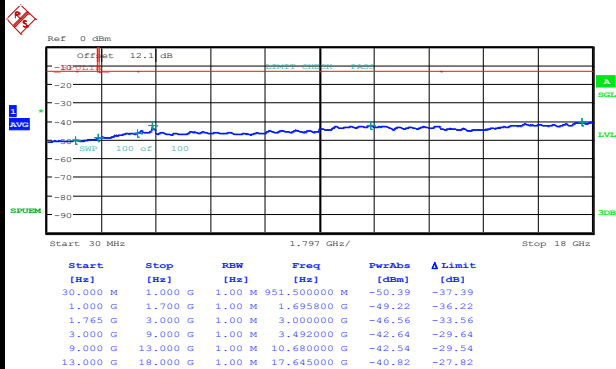
Date: 26.OCT.2014 10:01:45

## Middle Channel / 16QAM



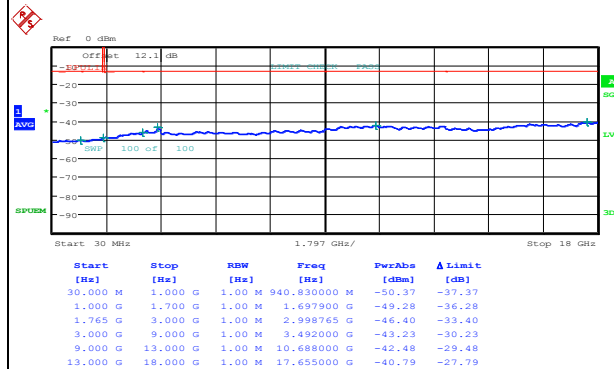
Date: 26.OCT.2014 10:02:55

## Highest Channel / QPSK



Date: 26.OCT.2014 10:09:33

## Highest Channel / 16QAM

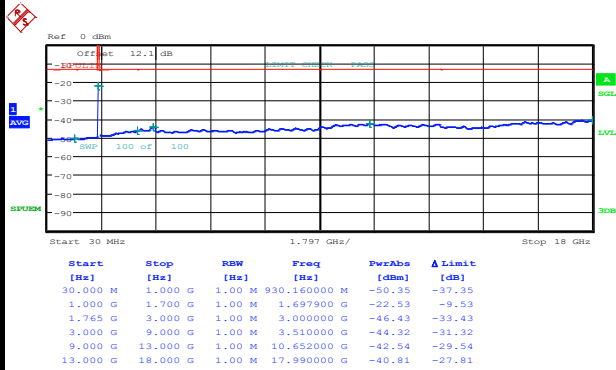


Date: 26.OCT.2014 10:10:43



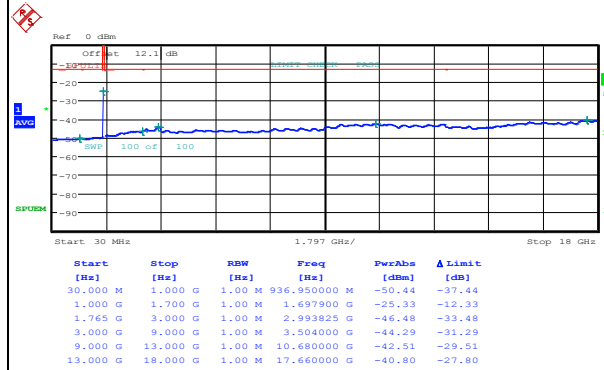
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



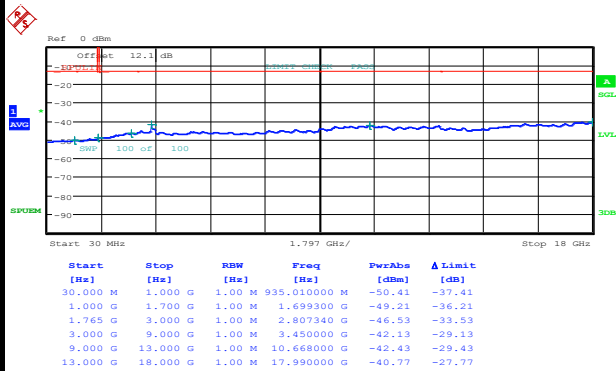
Date: 26.OCT.2014 10:17:25

## Lowest Channel / 16QAM



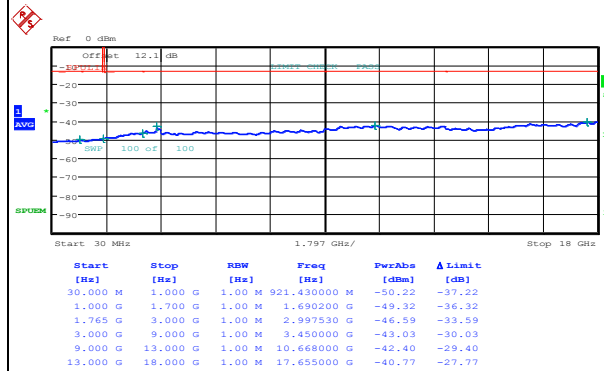
Date: 26.OCT.2014 10:18:35

## Middle Channel / QPSK



Date: 26.OCT.2014 10:20:32

## Middle Channel / 16QAM

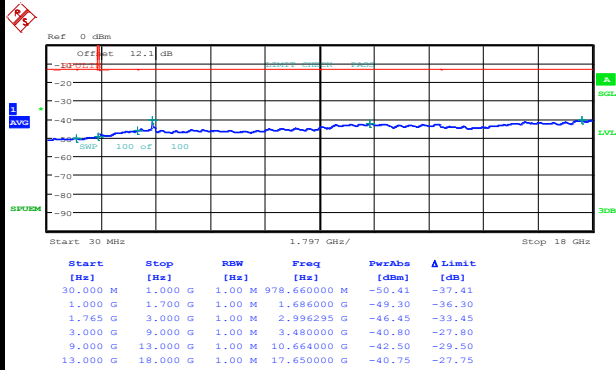


Date: 26.OCT.2014 10:21:42



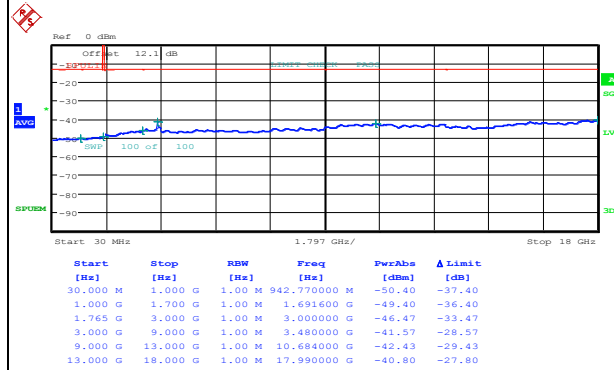
## LTE Band 4 / 15MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 10:28:19

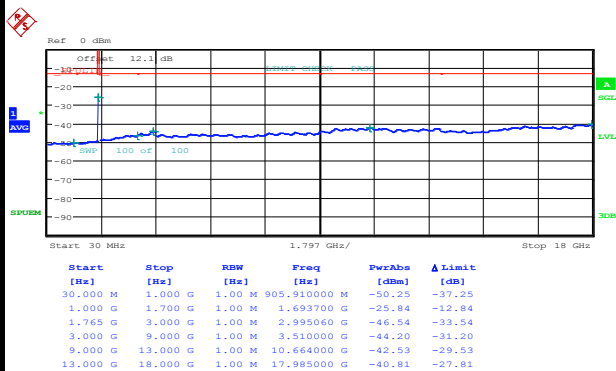
## Highest Channel / 16QAM



Date: 26.OCT.2014 10:29:30

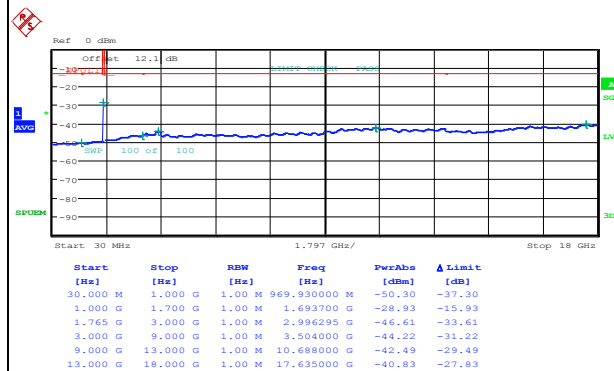
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK



Date: 26.OCT.2014 10:36:11

## Lowest Channel / 16QAM

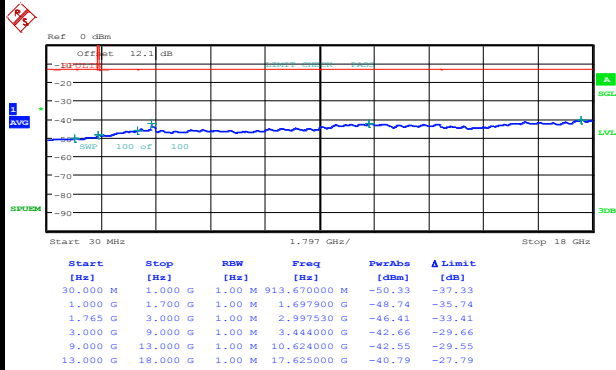


Date: 26.OCT.2014 10:37:22



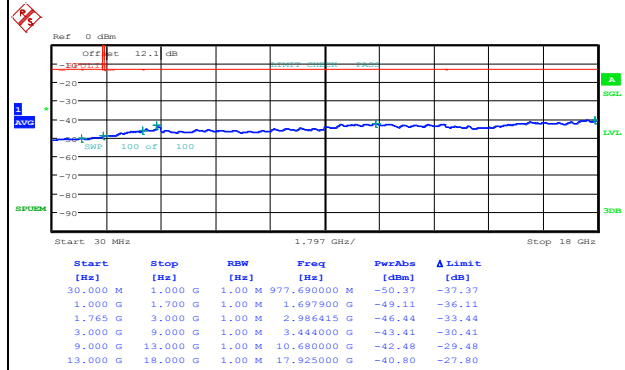
## LTE Band 4 / 20MHz

## Middle Channel / QPSK



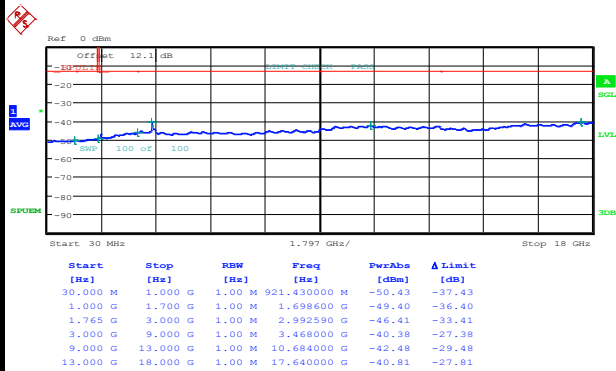
Date: 26.OCT.2014 10:39:19

## Middle Channel / 16QAM



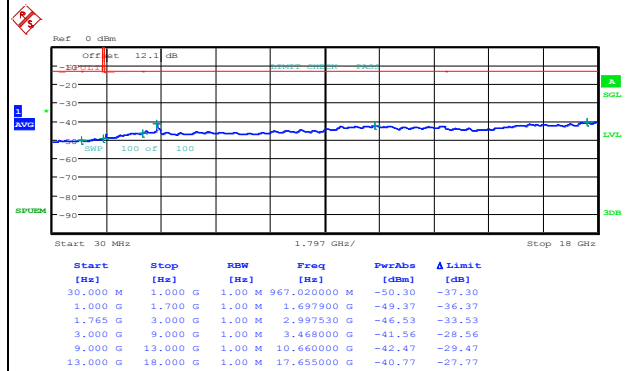
Date: 26.OCT.2014 10:40:29

## Highest Channel / QPSK



Date: 26.OCT.2014 10:47:07

## Highest Channel / 16QAM

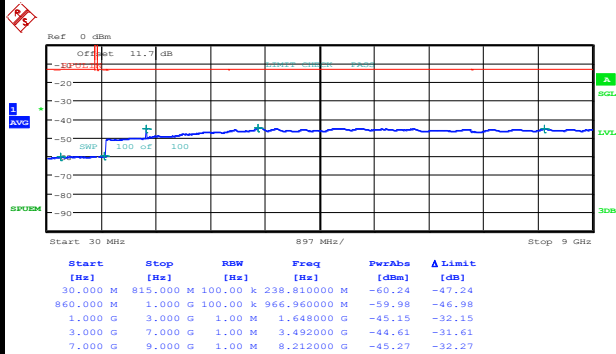


Date: 26.OCT.2014 10:48:18



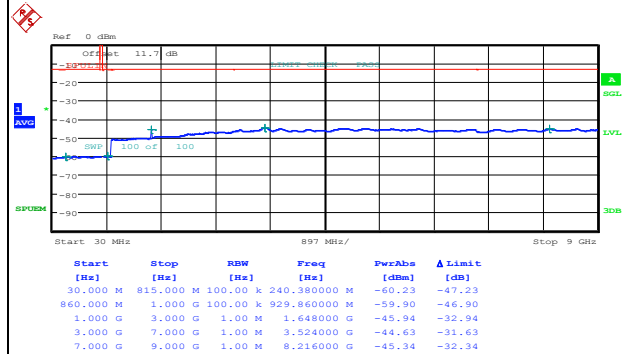
## LTE Band 5 / 1.4MHz

## Lowest Channel / QPSK



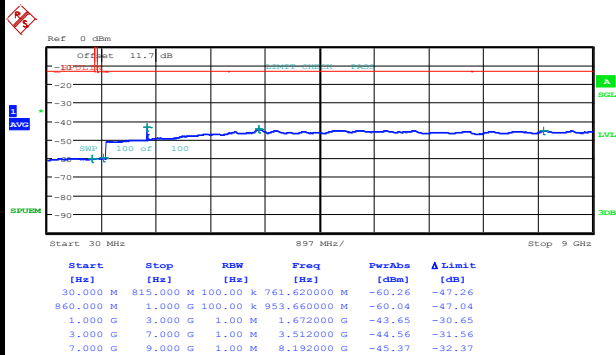
Date: 26.OCT.2014 13:12:10

## Lowest Channel / 16QAM



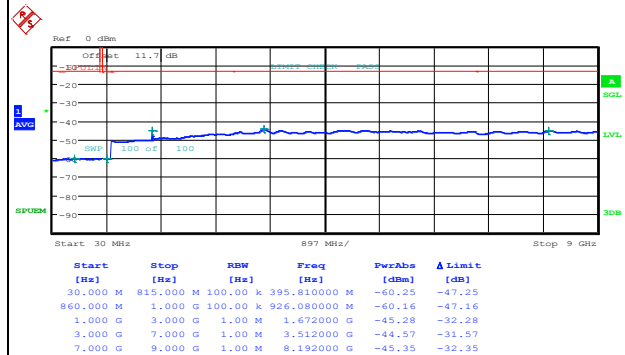
Date: 26.OCT.2014 13:13:20

## Middle Channel / QPSK



Date: 26.OCT.2014 13:15:17

## Middle Channel / 16QAM

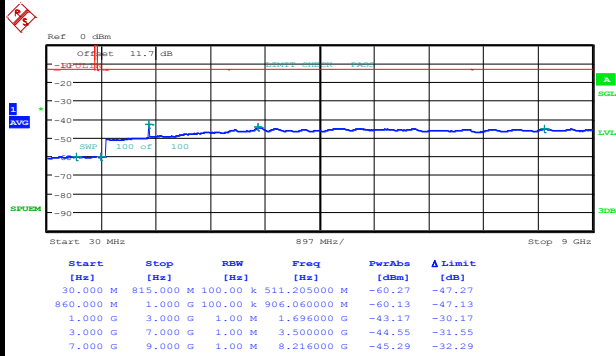


Date: 26.OCT.2014 13:16:27



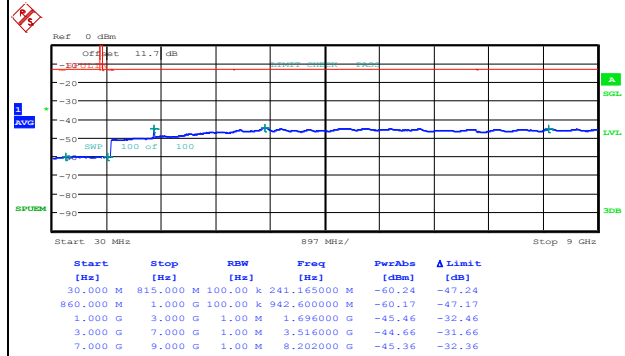
## LTE Band 5 / 1.4MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 13:23:06

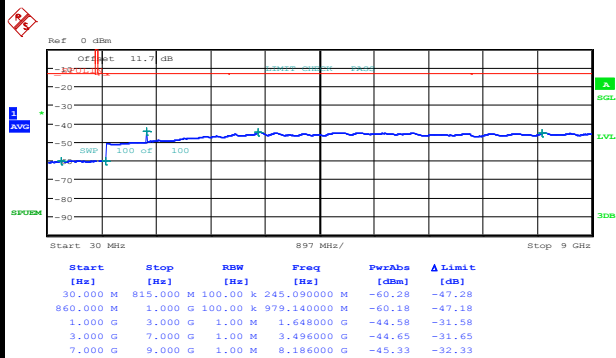
## Highest Channel / 16QAM



Date: 26.OCT.2014 13:24:17

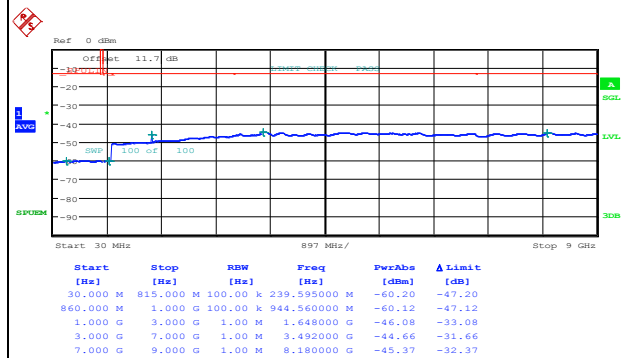
## LTE Band 5 / 3MHz

## Lowest Channel / QPSK



Date: 26.OCT.2014 13:32:03

## Lowest Channel / 16QAM

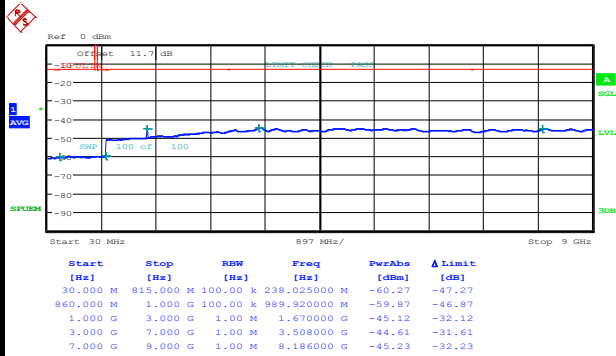


Date: 26.OCT.2014 13:33:14



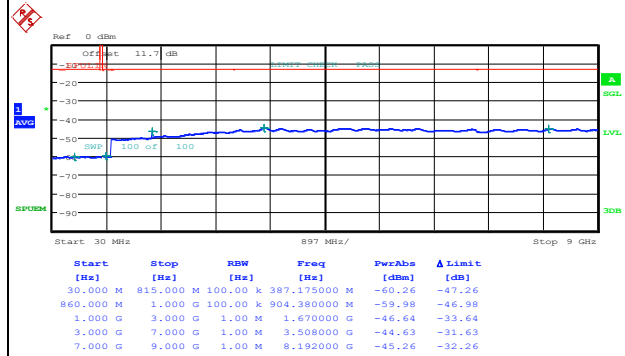
## LTE Band 5 / 3MHz

## Middle Channel / QPSK



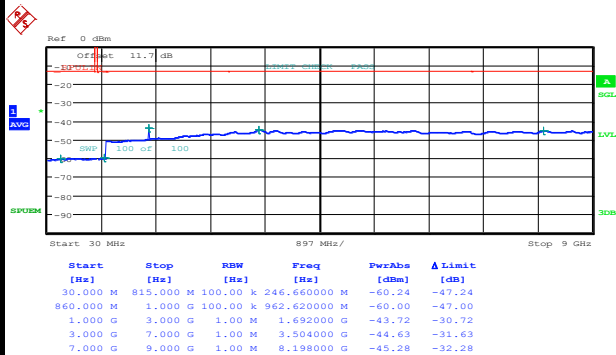
Date: 26.OCT.2014 13:35:16

## Middle Channel / 16QAM



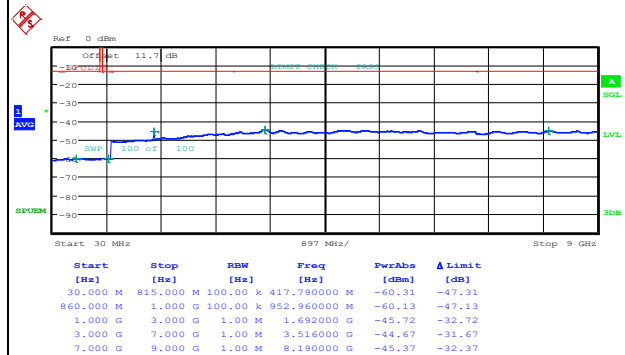
Date: 26.OCT.2014 13:36:26

## Highest Channel / QPSK



Date: 26.OCT.2014 13:43:05

## Highest Channel / 16QAM



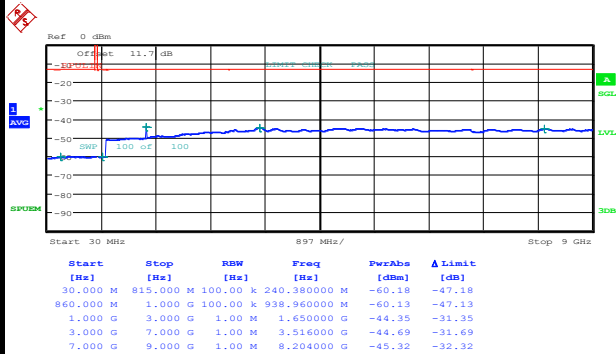
Date: 26.OCT.2014 13:44:15





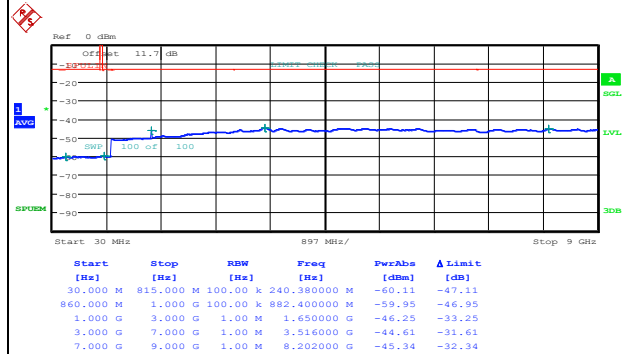
## LTE Band 5 / 5MHz

## Lowest Channel / QPSK



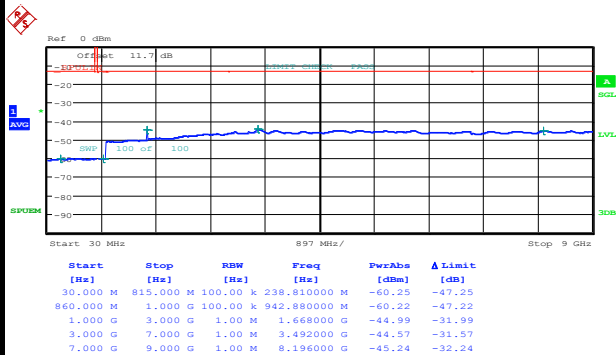
Date: 26.OCT.2014 13:50:56

## Lowest Channel / 16QAM



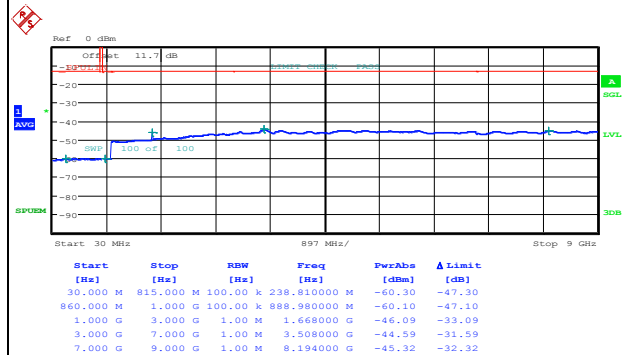
Date: 26.OCT.2014 13:52:07

## Middle Channel / QPSK



Date: 26.OCT.2014 13:54:04

## Middle Channel / 16QAM

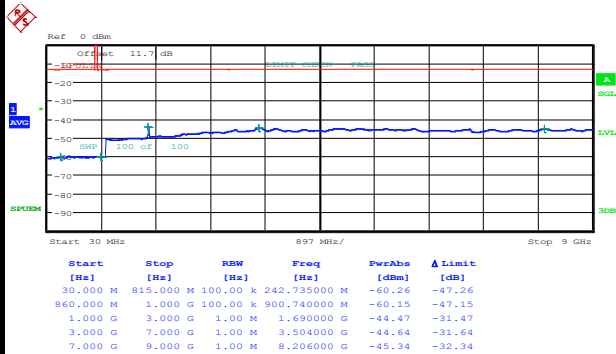


Date: 26.OCT.2014 13:55:14



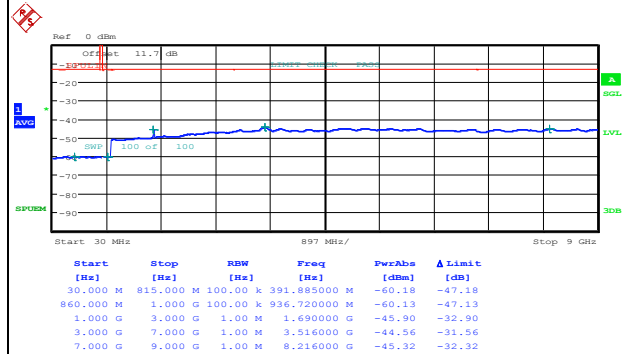
## LTE Band 5 / 5MHz

## Highest Channel / QPSK



Date: 26.OCT.2014 14:01:52

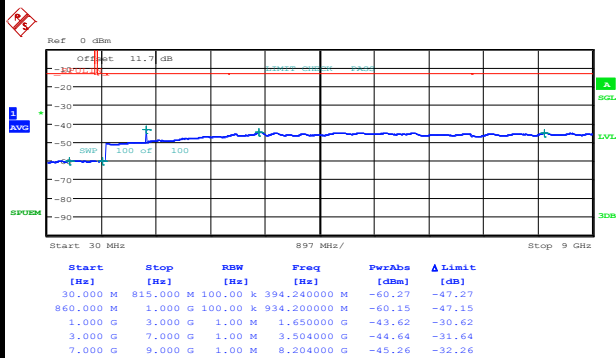
## Highest Channel / 16QAM



Date: 26.OCT.2014 14:03:03

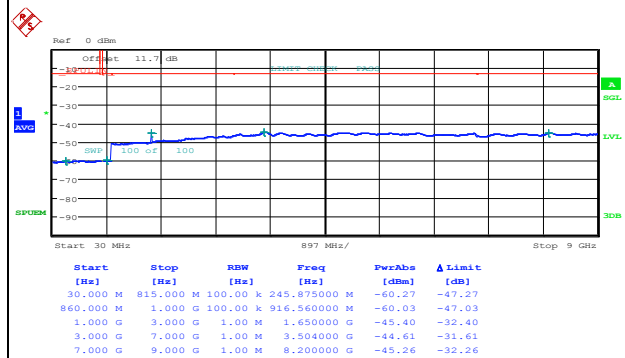
## LTE Band 5 / 10MHz

## Lowest Channel / QPSK



Date: 26.OCT.2014 14:09:46

## Lowest Channel / 16QAM

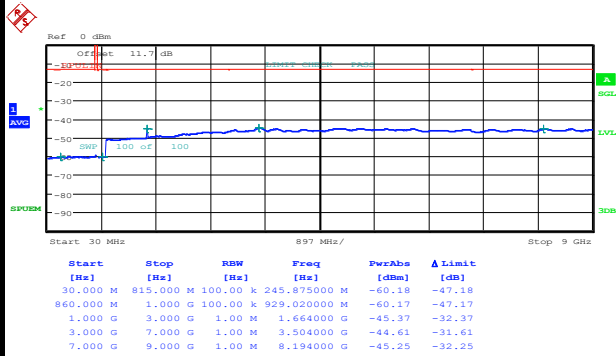


Date: 26.OCT.2014 14:10:56



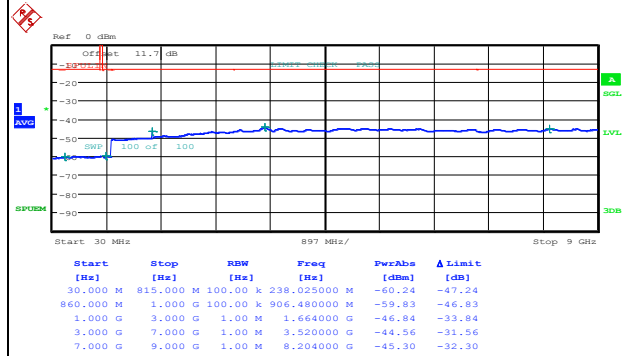
## LTE Band 5 / 10MHz

## Middle Channel / QPSK



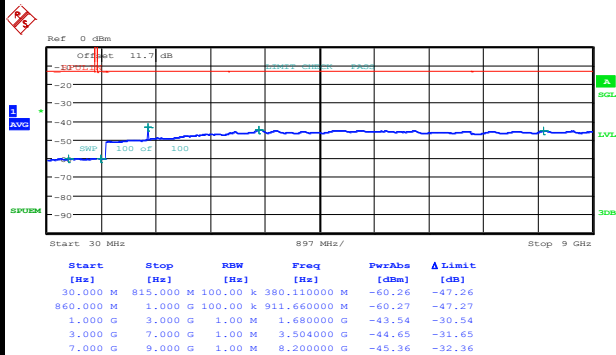
Date: 26.OCT.2014 14:12:53

## Middle Channel / 16QAM



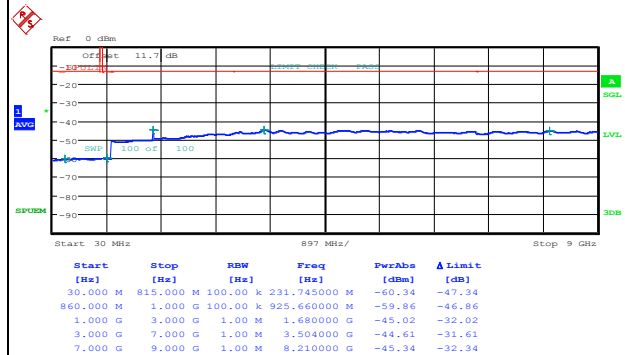
Date: 26.OCT.2014 14:14:04

## Highest Channel / QPSK



Date: 26.OCT.2014 14:20:43

## Highest Channel / 16QAM

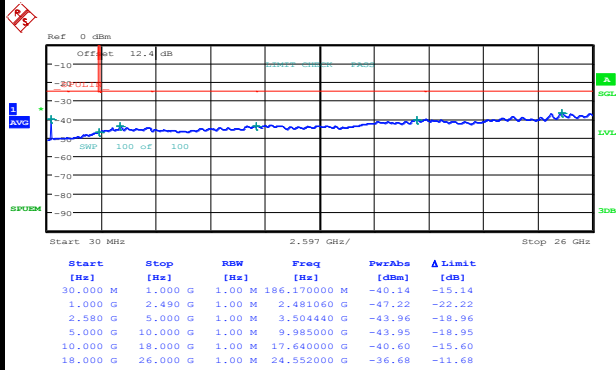


Date: 26.OCT.2014 14:21:54



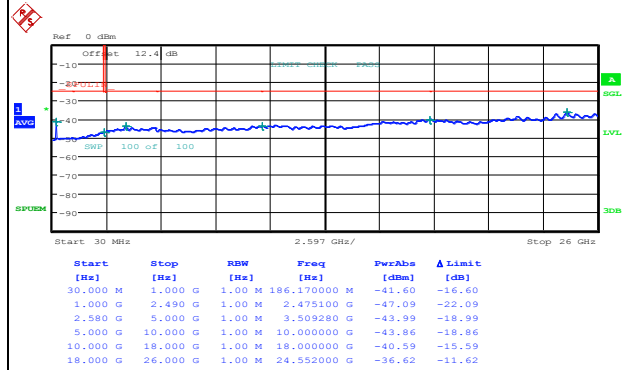
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



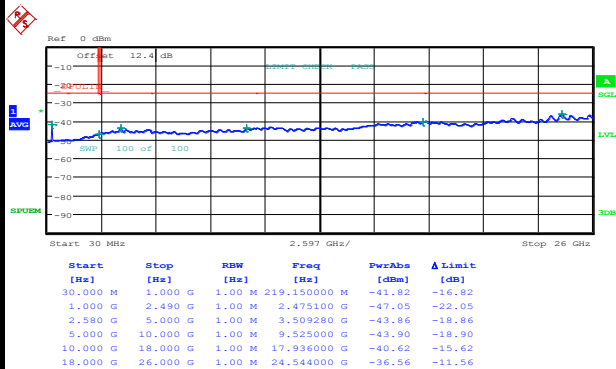
Date: 25.OCT.2014 09:54:33

## Lowest Channel / 16QAM



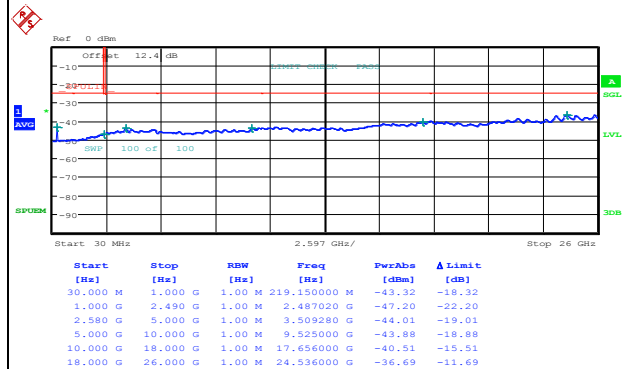
Date: 25.OCT.2014 09:55:42

## Middle Channel / QPSK



Date: 25.OCT.2014 09:57:38

## Middle Channel / 16QAM

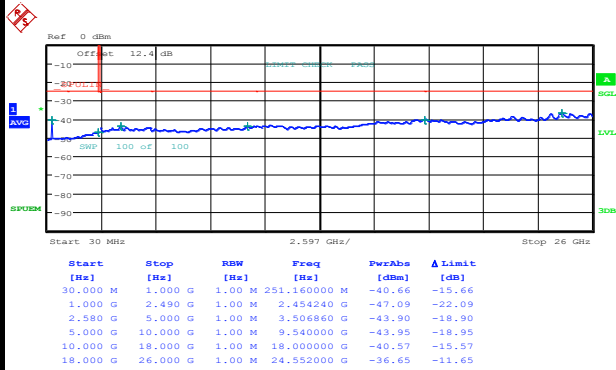


Date: 25.OCT.2014 09:58:47



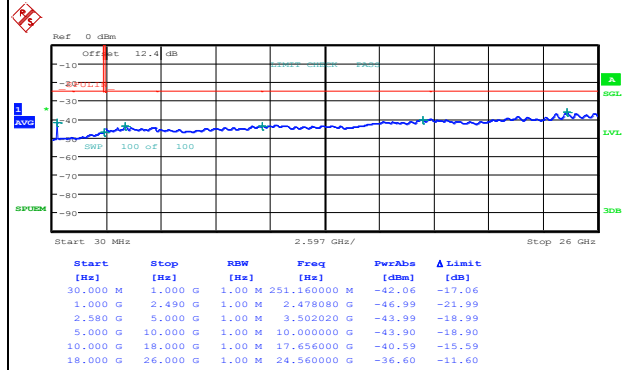
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 25.OCT.2014 10:05:17

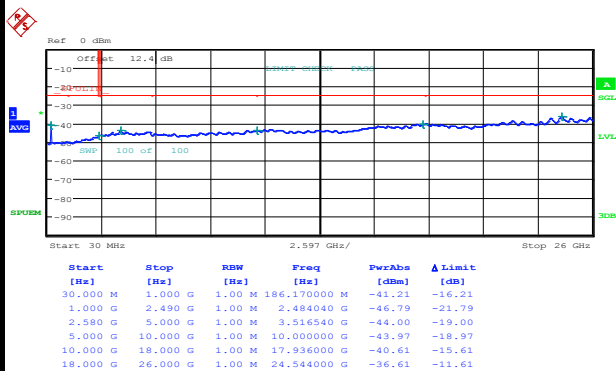
## Highest Channel / 16QAM



Date: 25.OCT.2014 10:06:26

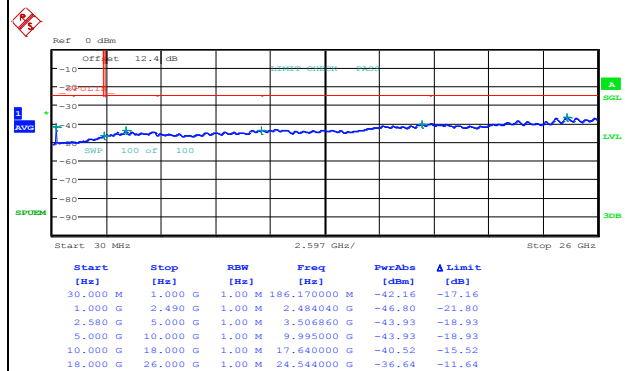
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 25.OCT.2014 10:12:56

## Lowest Channel / 16QAM

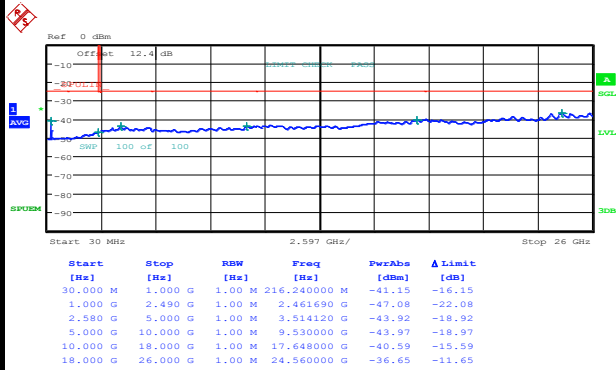


Date: 25.OCT.2014 10:14:05



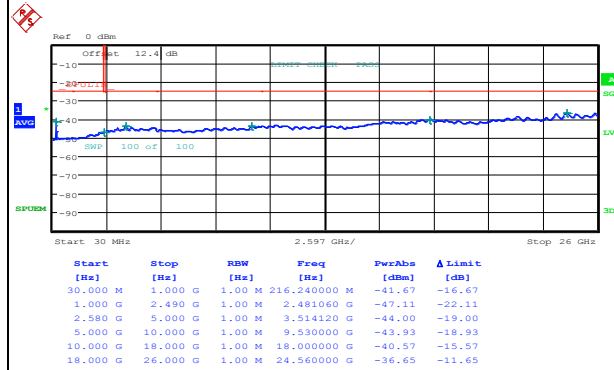
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



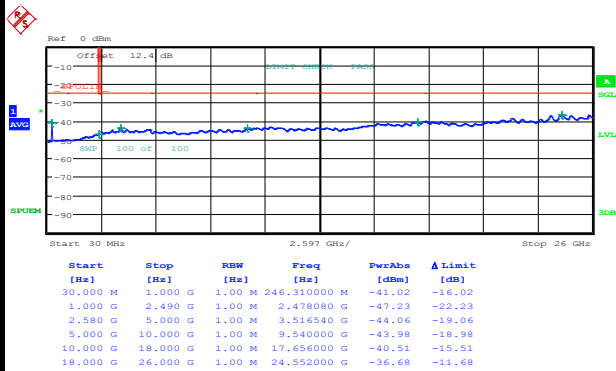
Date: 25.OCT.2014 10:15:58

## Middle Channel / 16QAM



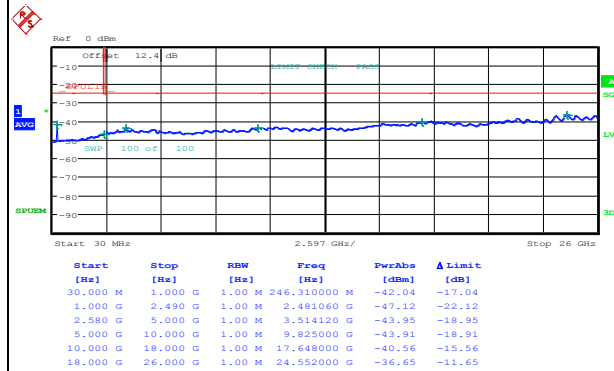
Date: 25.OCT.2014 10:17:07

## Highest Channel / QPSK



Date: 25.OCT.2014 10:23:42

## Highest Channel / 16QAM

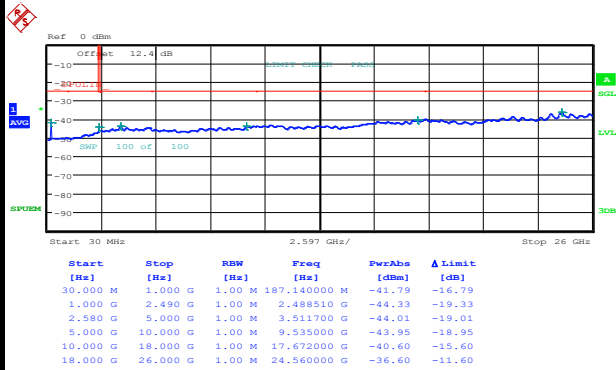


Date: 25.OCT.2014 10:24:51



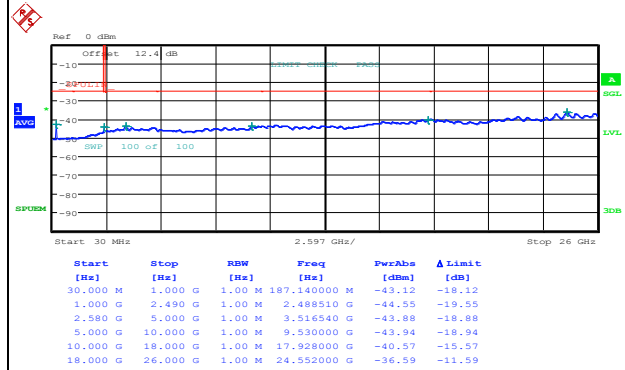
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



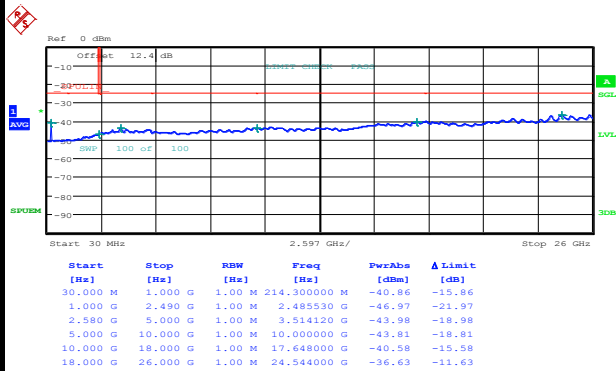
Date: 25.OCT.2014 10:31:21

## Lowest Channel / 16QAM



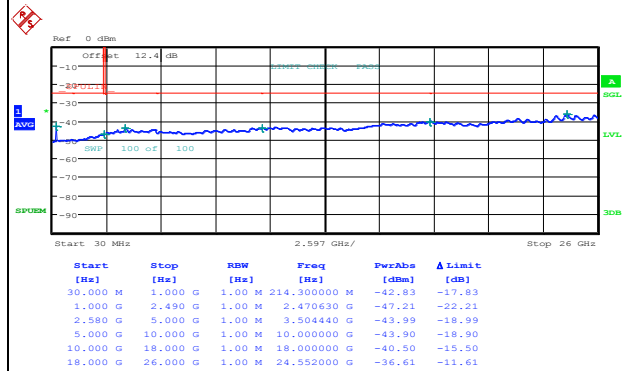
Date: 25.OCT.2014 10:32:30

## Middle Channel / QPSK



Date: 25.OCT.2014 10:34:24

## Middle Channel / 16QAM

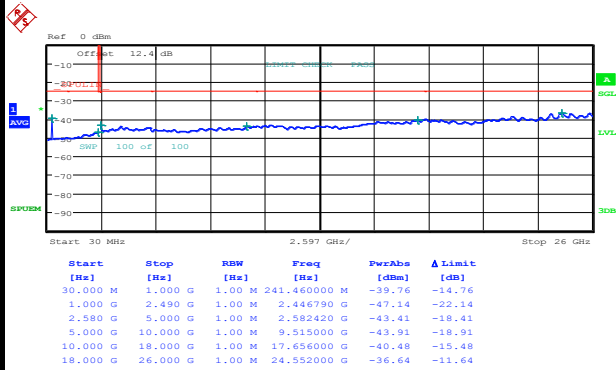


Date: 25.OCT.2014 10:35:32



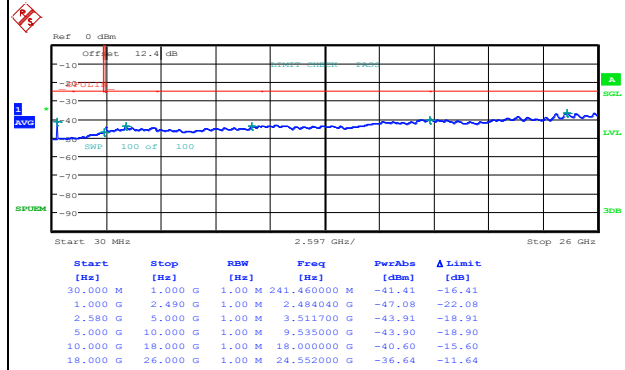
## LTE Band7 / 15MHz

## Highest Channel / QPSK



Date: 25.OCT.2014 10:42:03

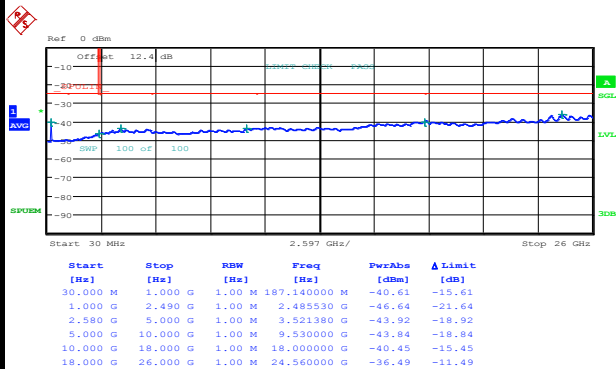
## Highest Channel / 16QAM



Date: 25.OCT.2014 10:43:12

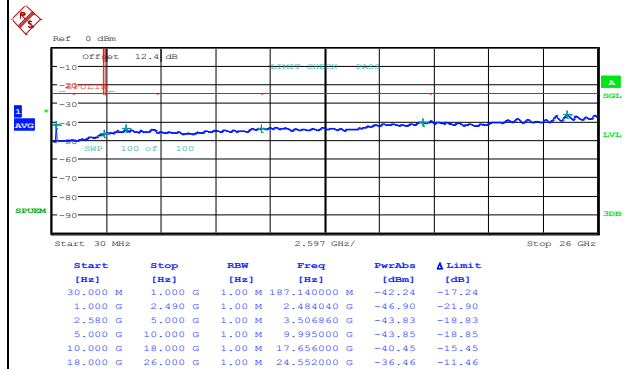
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 26.OCT.2014 17:03:54

## Lowest Channel / 16QAM



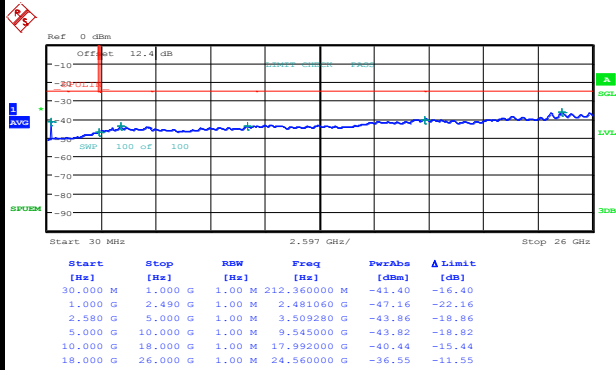
Date: 26.OCT.2014 17:05:04





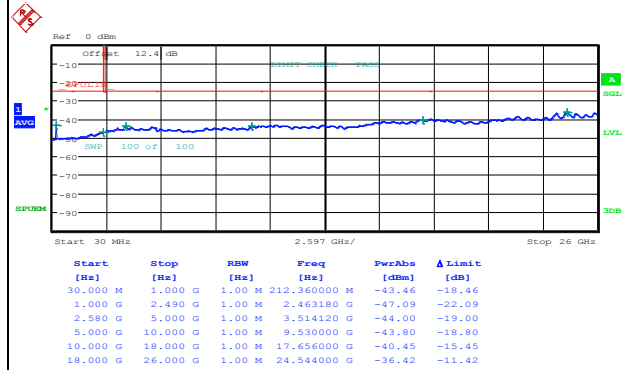
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



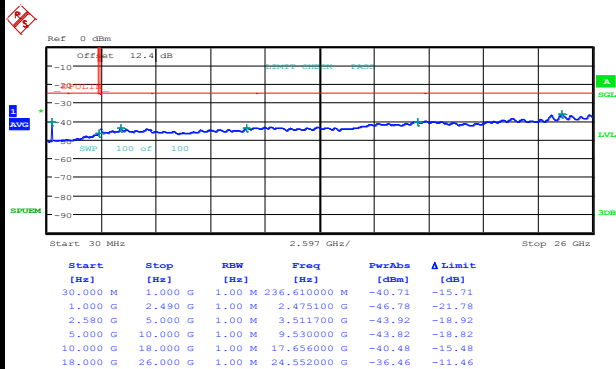
Date: 26.OCT.2014 17:07:00

## Middle Channel / 16QAM



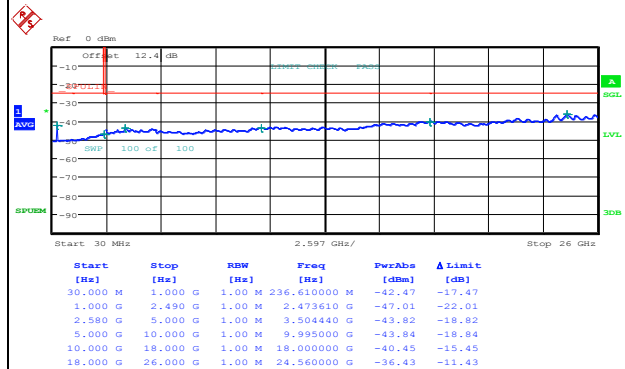
Date: 26.OCT.2014 17:08:10

## Highest Channel / QPSK



Date: 26.OCT.2014 17:10:06

## Highest Channel / 16QAM

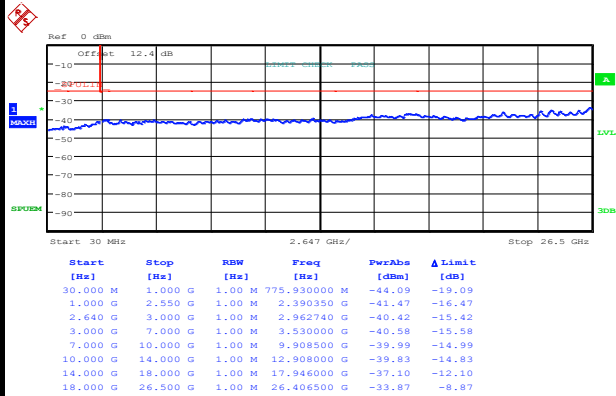


Date: 26.OCT.2014 17:11:16



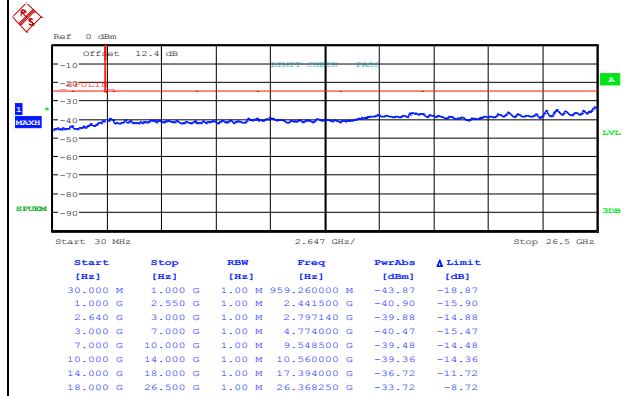
## LTE Band 38 / 5MHz

## Lowest Channel / QPSK



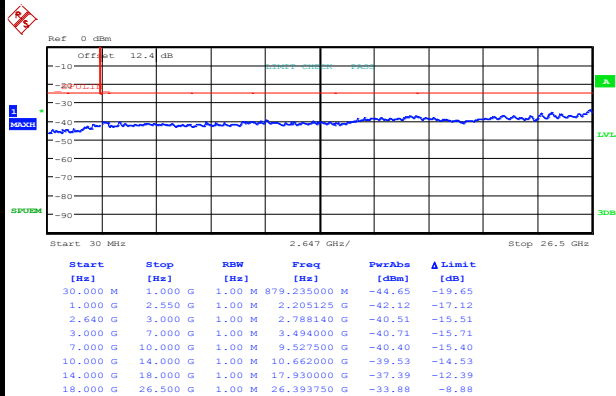
Date: 28.OCT.2014 17:12:20

## Lowest Channel / 16QAM



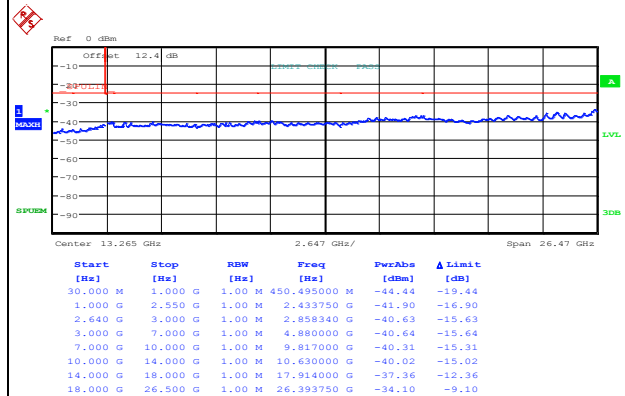
Date: 28.OCT.2014 17:05:02

## Middle Channel / QPSK



Date: 28.OCT.2014 17:19:00

## Middle Channel / 16QAM

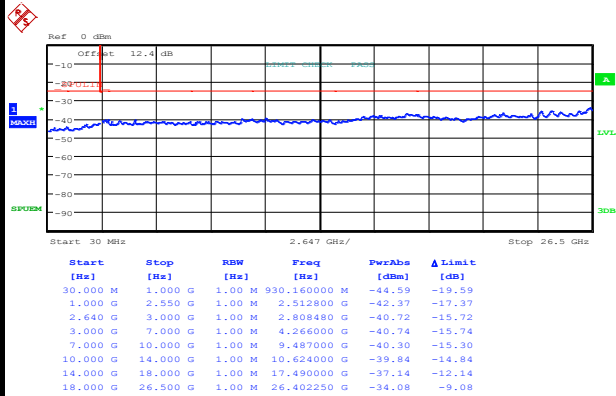


Date: 28.OCT.2014 17:17:53



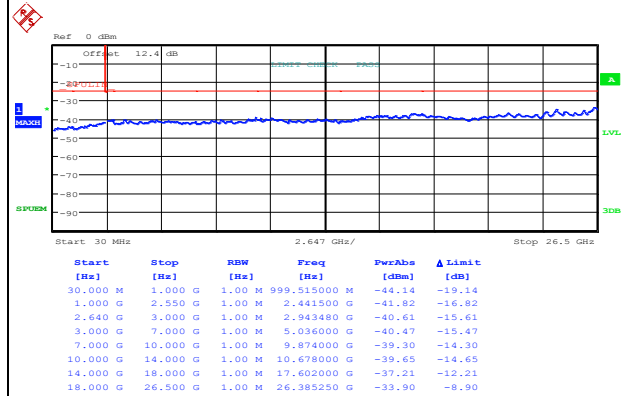
## LTE Band 38 / 5MHz

## Highest Channel / QPSK



Date: 28.OCT.2014 17:13:55

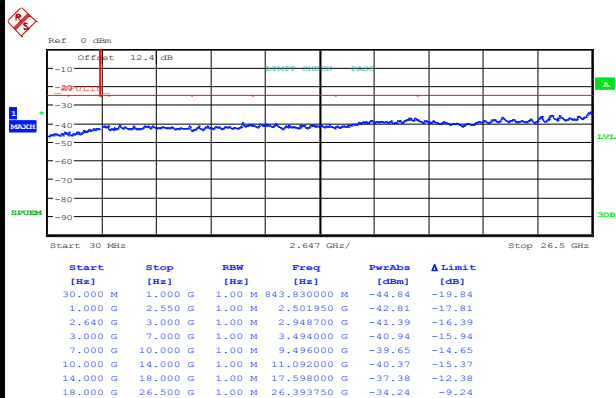
## Highest Channel / 16QAM



Date: 28.OCT.2014 17:16:07

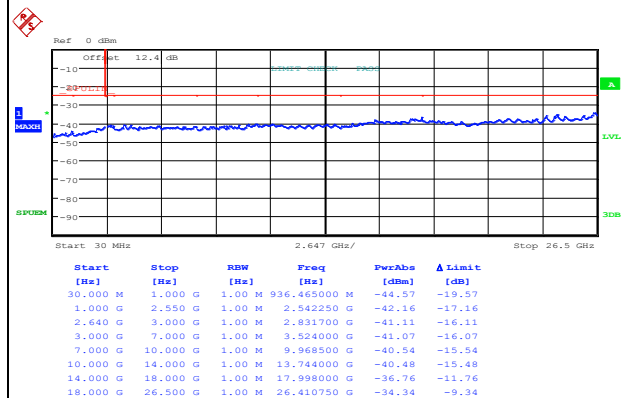
## LTE Band 38 / 10MHz

## Lowest Channel / QPSK



Date: 28.OCT.2014 17:24:20

## Lowest Channel / 16QAM

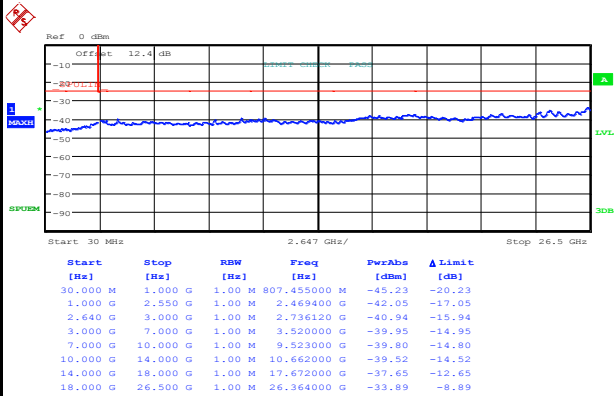


Date: 28.OCT.2014 17:23:54



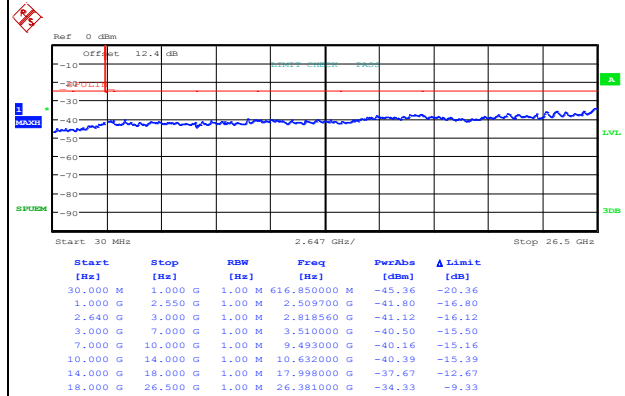
## LTE Band 38 / 10MHz

## Middle Channel / QPSK



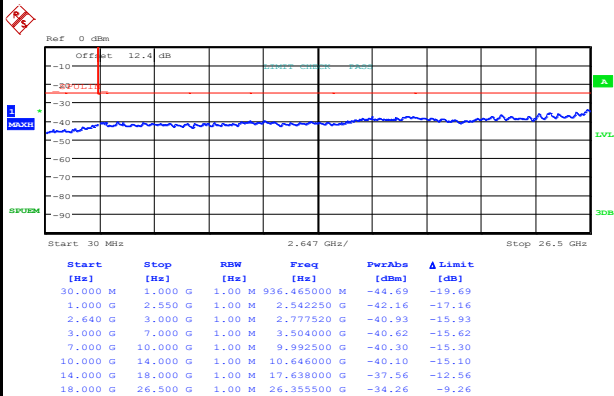
Date: 28.OCT.2014 17:21:43

## Middle Channel / 16QAM



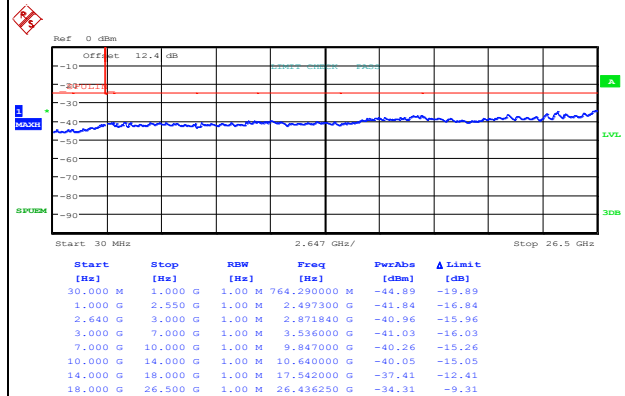
Date: 28.OCT.2014 17:22:05

## Highest Channel / QPSK



Date: 28.OCT.2014 17:25:20

## Highest Channel / 16QAM

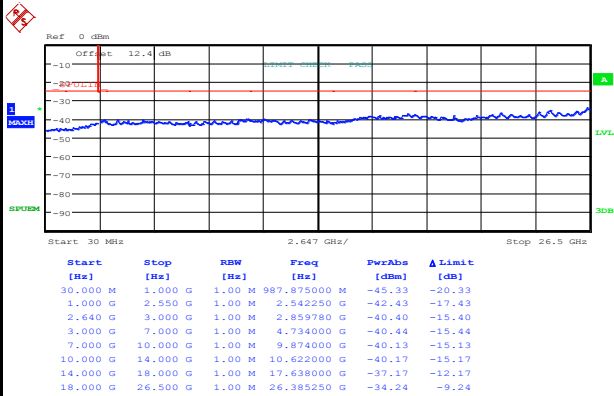


Date: 28.OCT.2014 17:26:11



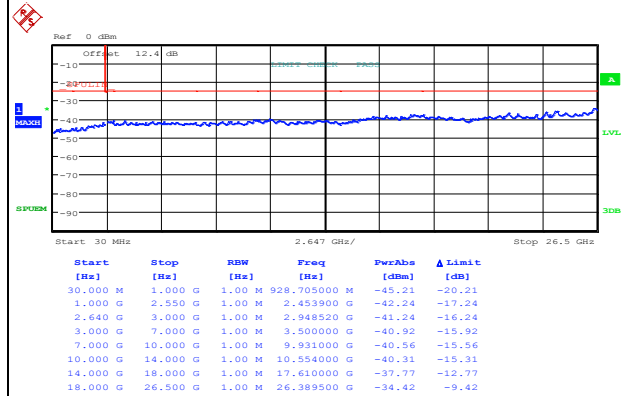
## LTE Band 38 / 15MHz

## Lowest Channel / QPSK



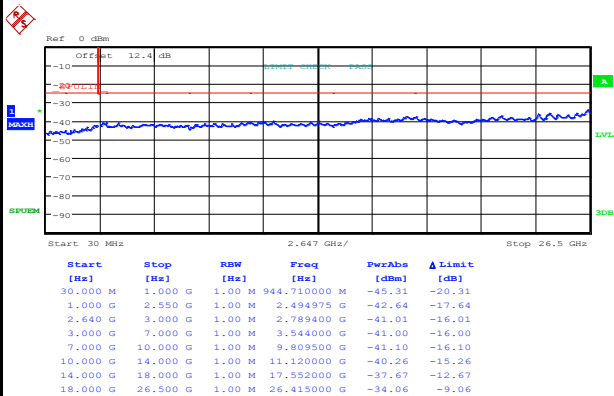
Date: 28.OCT.2014 17:27:20

## Lowest Channel / 16QAM



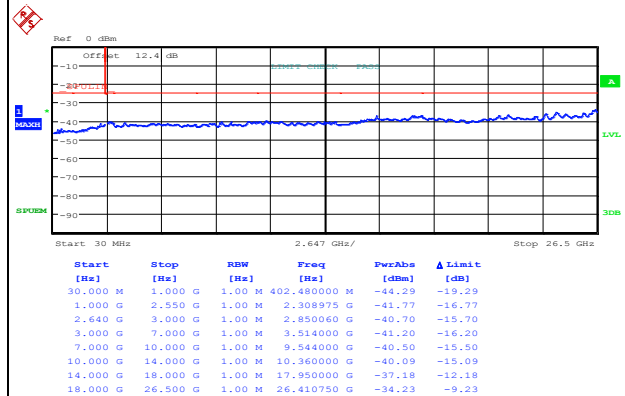
Date: 28.OCT.2014 17:26:51

## Middle Channel / QPSK



Date: 28.OCT.2014 17:32:01

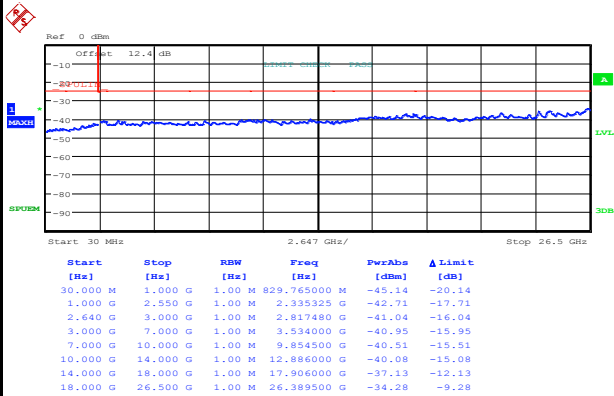
## Middle Channel / 16QAM



Date: 28.OCT.2014 17:29:54

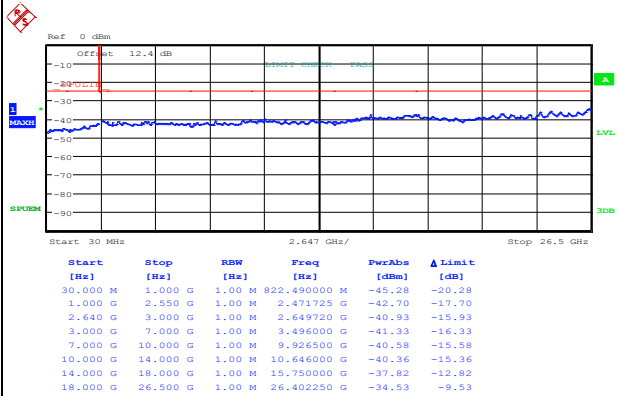
## LTE Band 38 / 15MHz

### Highest Channel / QPSK



Date: 28.OCT.2014 17:28:21

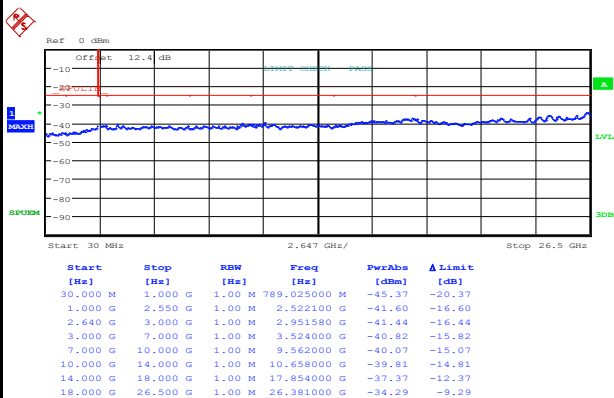
### Highest Channel / 16QAM



Date: 28.OCT.2014 17:28:41

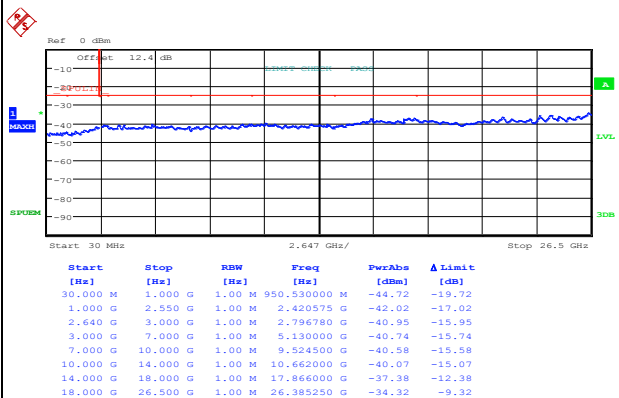
## LTE Band 38 / 20MHz

## Lowest Channel / QPSK



Date: 28.OCT.2014 17:34:26

### Lowest Channel / 16QAM

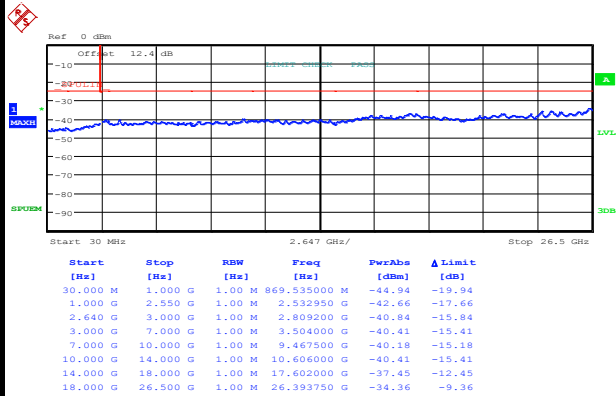


Date: 28.OCT.2014 17:34:00



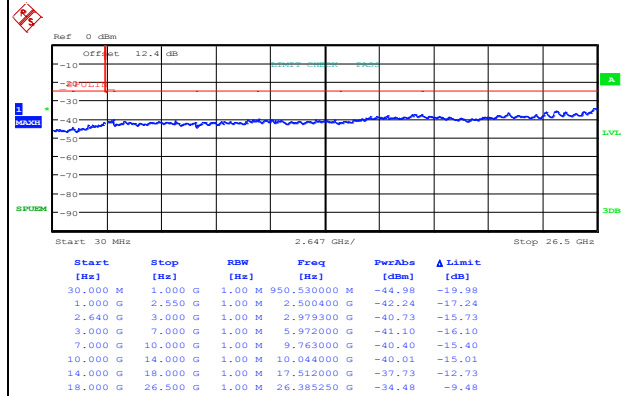
## LTE Band 38 / 20MHz

## Middle Channel / QPSK



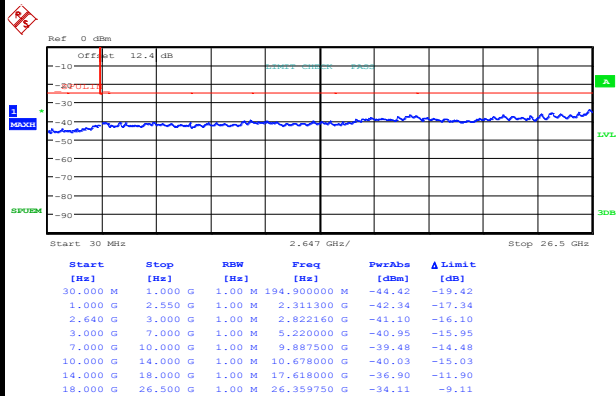
Date: 28.OCT.2014 17:33:00

## Middle Channel / 16QAM



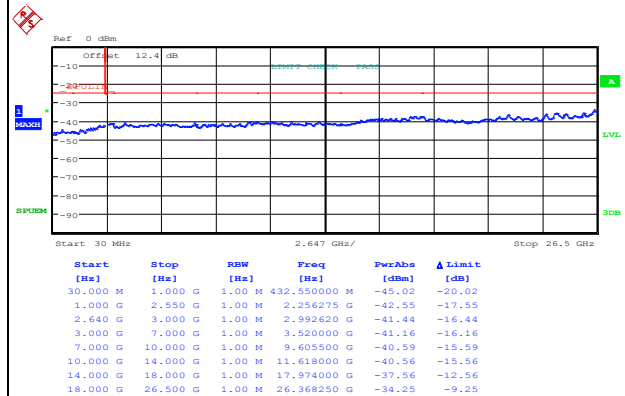
Date: 28.OCT.2014 17:33:21

## Highest Channel / QPSK



Date: 28.OCT.2014 17:35:11

## Highest Channel / 16QAM

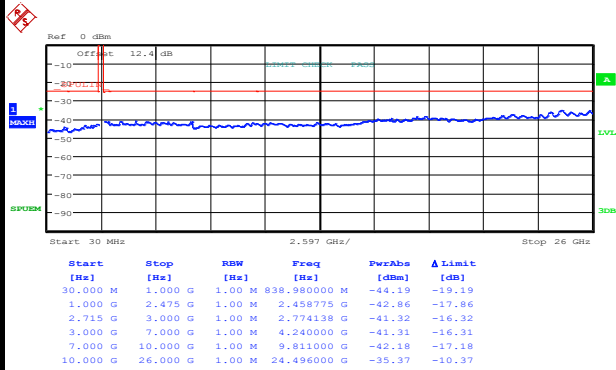


Date: 28.OCT.2014 17:35:37



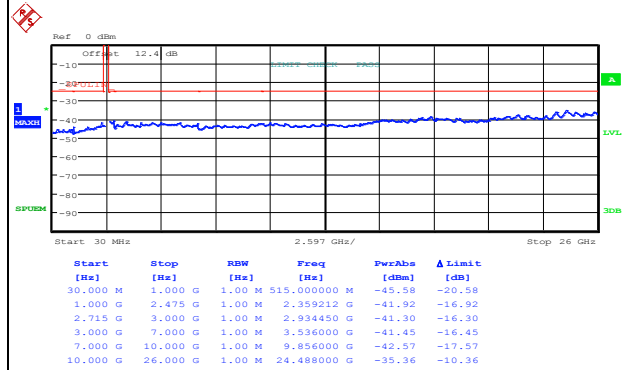
## LTE Band 41 / 5MHz

## Lowest Channel / QPSK



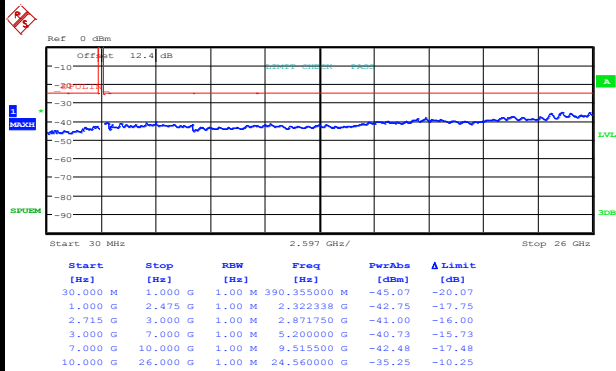
Date: 28.OCT.2014 16:33:46

## Lowest Channel / 16QAM



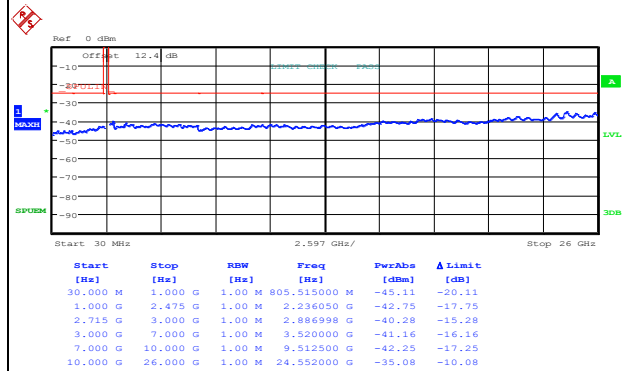
Date: 28.OCT.2014 16:34:04

## Middle Channel / QPSK



Date: 28.OCT.2014 16:31:53

## Middle Channel / 16QAM



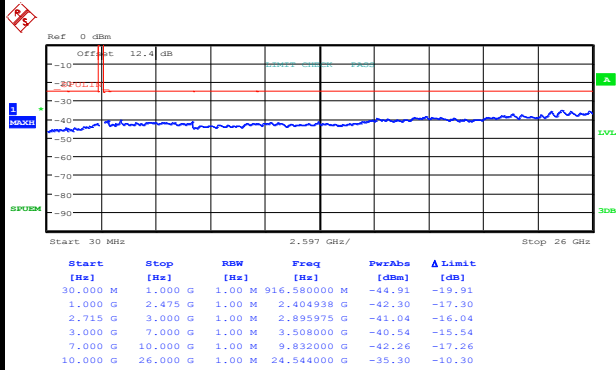
Date: 28.OCT.2014 16:32:18





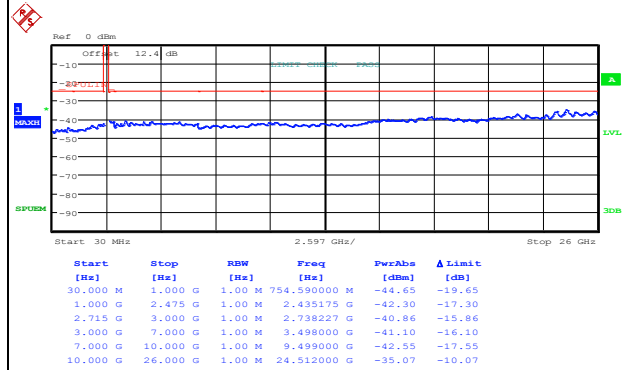
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 28.OCT.2014 16:33:09

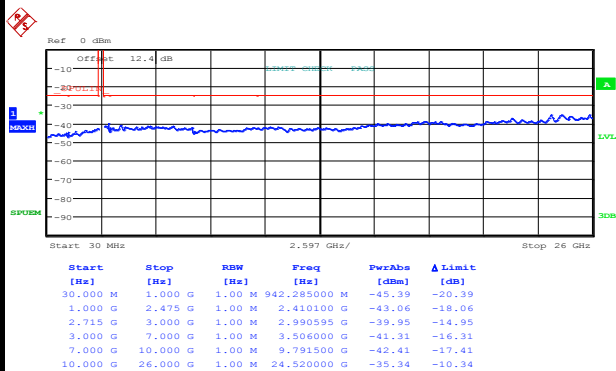
## Highest Channel / 16QAM



Date: 28.OCT.2014 16:32:45

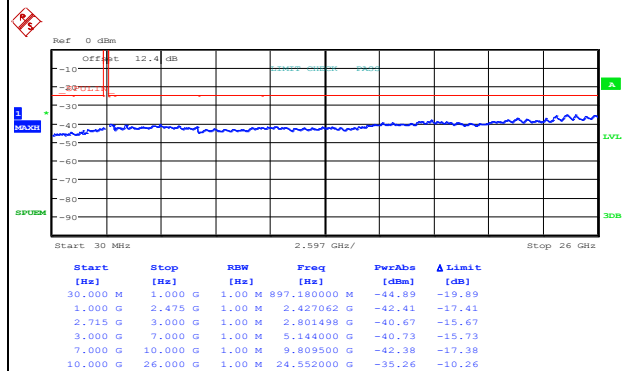
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 28.OCT.2014 16:35:07

## Lowest Channel / 16QAM

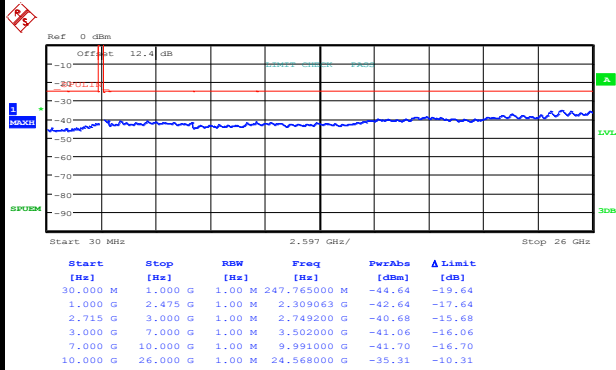


Date: 28.OCT.2014 16:35:45



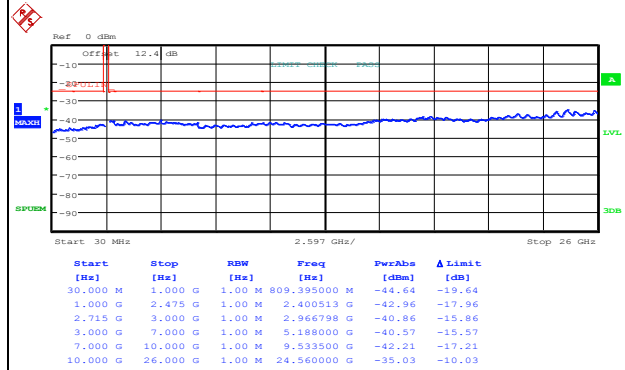
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



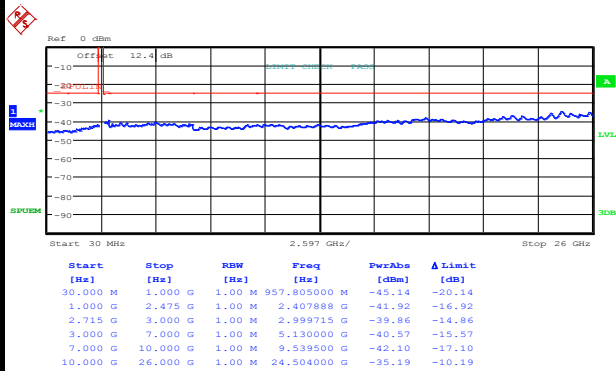
Date: 28.OCT.2014 16:45:50

## Middle Channel / 16QAM



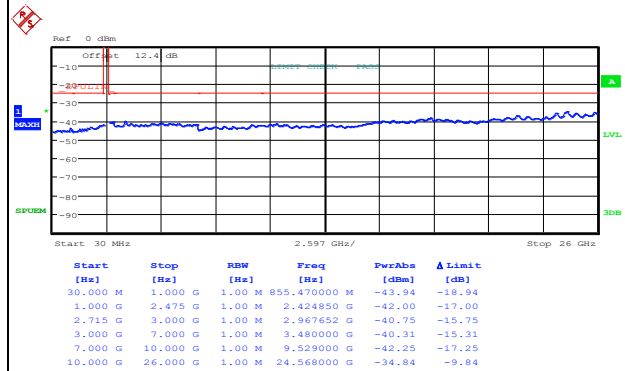
Date: 28.OCT.2014 16:46:18

## Highest Channel / QPSK



Date: 28.OCT.2014 16:44:39

## Highest Channel / 16QAM

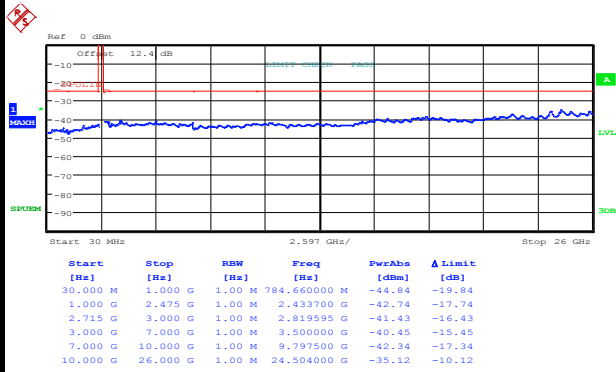


Date: 28.OCT.2014 16:37:42



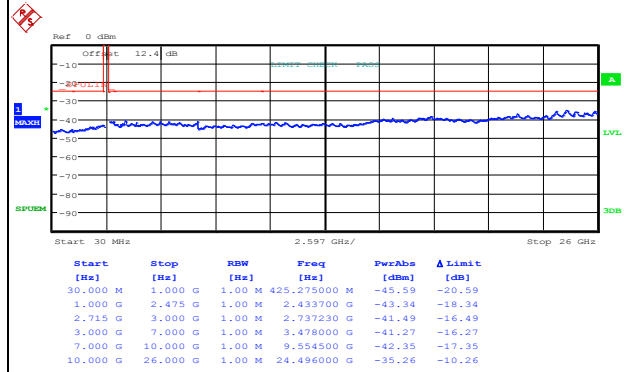
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



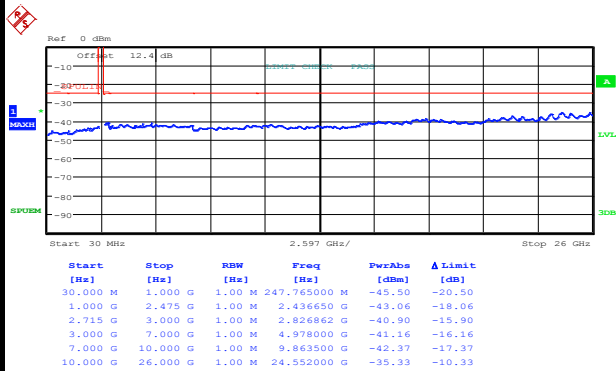
Date: 28.OCT.2014 16:53:17

## Lowest Channel / 16QAM



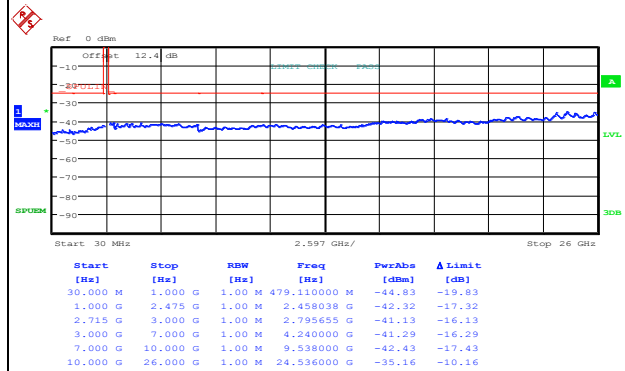
Date: 28.OCT.2014 16:52:58

## Middle Channel / QPSK



Date: 28.OCT.2014 16:47:56

## Middle Channel / 16QAM

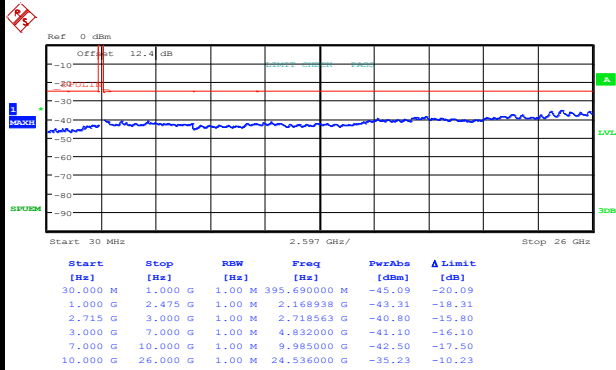


Date: 28.OCT.2014 16:47:37



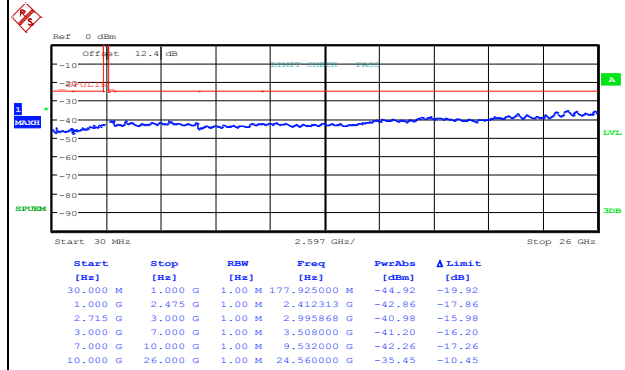
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 28.OCT.2014 16:52:09

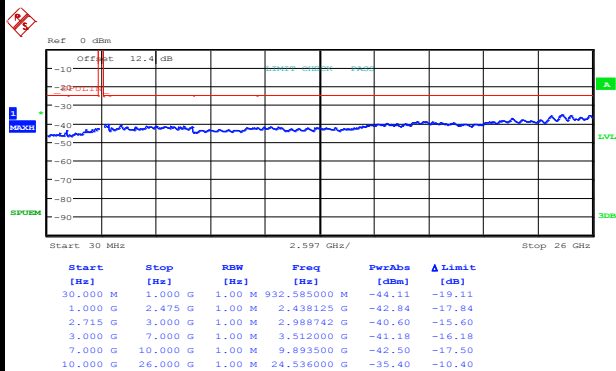
## Highest Channel / 16QAM



Date: 28.OCT.2014 16:52:28

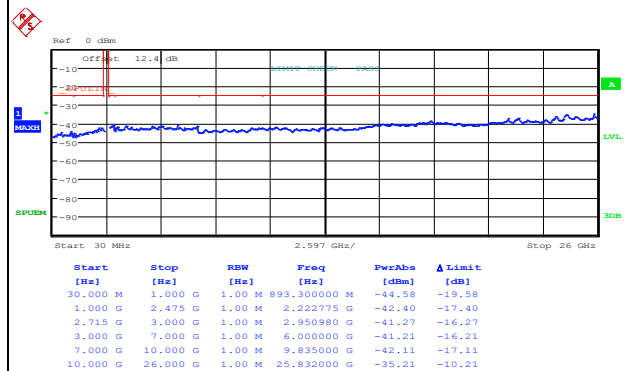
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 28.OCT.2014 16:54:07

## Lowest Channel / 16QAM

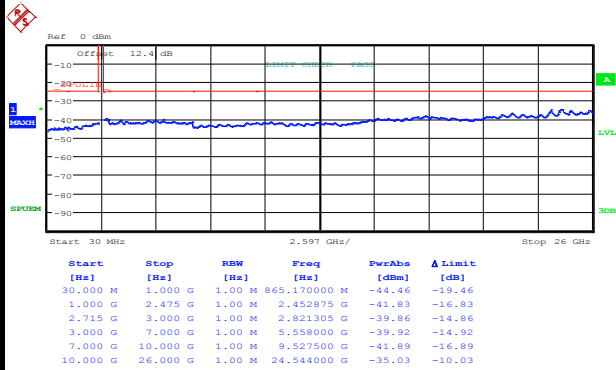


Date: 28.OCT.2014 16:54:24



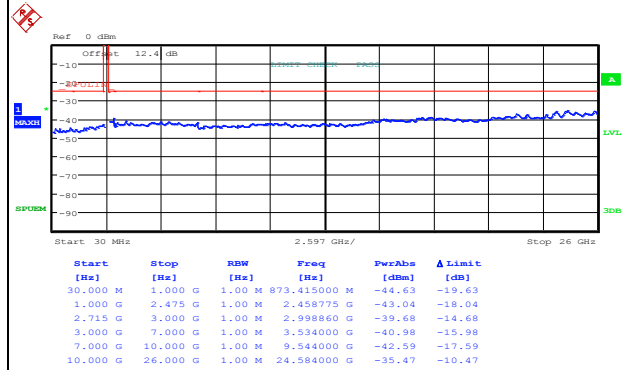
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



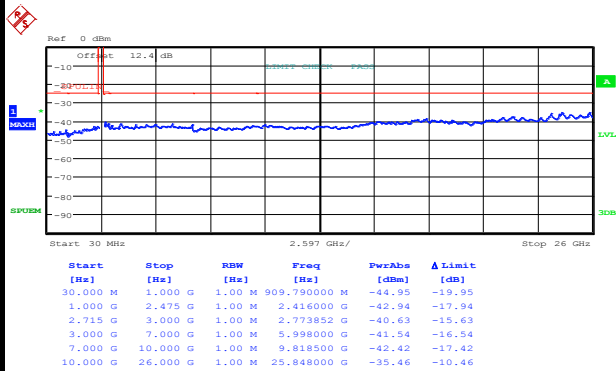
Date: 28.OCT.2014 16:57:10

## Middle Channel / 16QAM



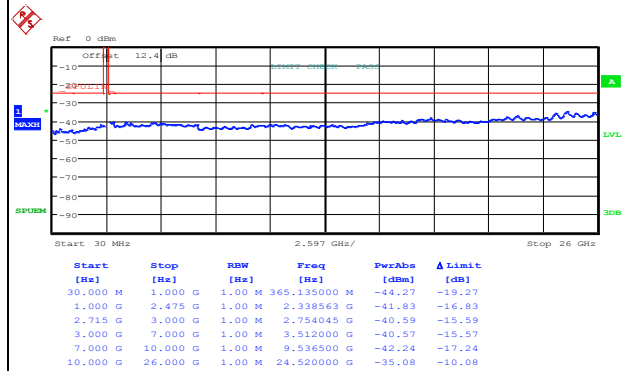
Date: 28.OCT.2014 16:54:49

## Highest Channel / QPSK



Date: 28.OCT.2014 16:57:42

## Highest Channel / 16QAM



Date: 28.OCT.2014 16:58:24

**Frequency Stability**

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0019                             | PASS    |
| 40               | Normal Voltage    | 0.0018                             |         |
| 30               | Normal Voltage    | 0.0112                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0011                             |         |
| 0                | Normal Voltage    | 0.0009                             |         |
| -10              | Normal Voltage    | 0.0104                             |         |
| -20              | Normal Voltage    | 0.0107                             |         |
| -30              | Normal Voltage    | 0.0017                             |         |
| 20               | Maximum Voltage   | 0.0001                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0110                             |         |

**Note:**

1. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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 (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0001                             | PASS    |
| 40               | Normal Voltage    | 0.0006                             |         |
| 30               | Normal Voltage    | 0.0007                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0004                             |         |
| 0                | Normal Voltage    | 0.0002                             |         |
| -10              | Normal Voltage    | 0.0004                             |         |
| -20              | Normal Voltage    | 0.0006                             |         |
| -30              | Normal Voltage    | 0.0002                             |         |
| 20               | Maximum Voltage   | 0.0002                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0008                             |         |

**Note:**

1. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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                           | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                 | Result |
| 50                  | Normal Voltage    | 0.0006                             | PASS   |
| 40                  | Normal Voltage    | 0.0004                             |        |
| 30                  | Normal Voltage    | 0.0011                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0020                             |        |
| 0                   | Normal Voltage    | 0.0025                             |        |
| -10                 | Normal Voltage    | 0.0004                             |        |
| -20                 | Normal Voltage    | 0.0008                             |        |
| -30                 | Normal Voltage    | 0.0013                             |        |
| 20                  | Maximum Voltage   | 0.0030                             |        |
| 20                  | Normal Voltage    | 0.0000                             |        |
| 20                  | Battery End Point | 0.0023                             |        |

**Note:**

1. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0022                             | PASS    |
| 40               | Normal Voltage    | 0.0005                             |         |
| 30               | Normal Voltage    | 0.0009                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0021                             |         |
| 0                | Normal Voltage    | 0.0009                             |         |
| -10              | Normal Voltage    | 0.0016                             |         |
| -20              | Normal Voltage    | 0.0021                             |         |
| -30              | Normal Voltage    | 0.0026                             |         |
| 20               | Maximum Voltage   | 0.0017                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0027                             |         |

**Note:**

1. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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    | 0.0011                              | PASS    |
| 40                  | Normal Voltage    | 0.0003                              |         |
| 30                  | Normal Voltage    | 0.0008                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0012                              |         |
| 0                   | Normal Voltage    | 0.0002                              |         |
| -10                 | Normal Voltage    | 0.0003                              |         |
| -20                 | Normal Voltage    | 0.0009                              |         |
| -30                 | Normal Voltage    | 0.0015                              |         |
| 20                  | Maximum Voltage   | 0.0005                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0010                              |         |

**Note:**

1. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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 38 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0090                              | PASS    |
| 40               | Normal Voltage    | 0.0005                              |         |
| 30               | Normal Voltage    | 0.0086                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0005                              |         |
| 0                | Normal Voltage    | 0.0092                              |         |
| -10              | Normal Voltage    | 0.0089                              |         |
| -20              | Normal Voltage    | 0.0081                              |         |
| -30              | Normal Voltage    | 0.0013                              |         |
| 20               | Maximum Voltage   | 0.0016                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0090                              |         |

**Note:**

1. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0003                              | PASS    |
| 40               | Normal Voltage    | 0.0002                              |         |
| 30               | Normal Voltage    | 0.0000                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0004                              |         |
| 0                | Normal Voltage    | 0.0009                              |         |
| -10              | Normal Voltage    | 0.0004                              |         |
| -20              | Normal Voltage    | 0.0008                              |         |
| -30              | Normal Voltage    | 0.0001                              |         |
| 20               | Maximum Voltage   | 0.0002                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0010                              |         |

**Note:**

3. Normal Voltage = 4.00V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
4. 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      | 19.41      | 0.0873  | 19.14     | 0.0820  |
| Middle              |            | 1    | 0      | 19.68      | 0.0929  | 18.89     | 0.0774  |
| Highest             |            | 1    | 0      | 19.39      | 0.0869  | 17.97     | 0.0627  |
| Lowest              | 16QAM      | 1    | 2      | 18.09      | 0.0644  | 17.92     | 0.0619  |
| Middle              |            | 1    | 2      | 18.42      | 0.0695  | 17.65     | 0.0582  |
| Highest             |            | 1    | 2      | 18.18      | 0.0658  | 16.36     | 0.0433  |
| 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      | 19.13      | 0.0818  | 18.82     | 0.0762  |
| Middle            |            | 1    | 0      | 19.46      | 0.0883  | 18.58     | 0.0721  |
| Highest           |            | 1    | 0      | 19.31      | 0.0853  | 17.69     | 0.0587  |
| Lowest            | 16QAM      | 1    | 14     | 18.08      | 0.0643  | 17.78     | 0.0600  |
| Middle            |            | 1    | 14     | 18.25      | 0.0668  | 17.31     | 0.0538  |
| Highest           |            | 1    | 14     | 18.19      | 0.0659  | 16.40     | 0.0437  |
| 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      | 19.13      | 0.0818  | 18.79     | 0.0757  |
| Middle            |            | 1    | 0      | 19.47      | 0.0885  | 18.53     | 0.0713  |
| Highest           |            | 1    | 0      | 19.01      | 0.0796  | 17.53     | 0.0566  |
| Lowest            | 16QAM      | 1    | 0      | 17.96      | 0.0625  | 17.63     | 0.0579  |
| Middle            |            | 1    | 0      | 18.29      | 0.0675  | 17.42     | 0.0552  |
| Highest           |            | 1    | 0      | 17.92      | 0.0619  | 16.42     | 0.0439  |
| 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      | 19.17      | 0.0826  | 18.85     | 0.0767  |
| Middle             |            | 1    | 0      | 19.39      | 0.0869  | 18.55     | 0.0716  |
| Highest            |            | 1    | 0      | 18.72      | 0.0745  | 17.68     | 0.0586  |
| Lowest             | 16QAM      | 1    | 0      | 18.01      | 0.0632  | 17.67     | 0.0585  |
| Middle             |            | 1    | 0      | 18.23      | 0.0665  | 17.40     | 0.0550  |
| Highest            |            | 1    | 0      | 17.50      | 0.0562  | 16.45     | 0.0442  |
| 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      | 19.16      | 0.0824  | 18.84     | 0.0766  |
| Middle             |            | 1    | 0      | 19.34      | 0.0859  | 18.57     | 0.0719  |
| Highest            |            | 1    | 0      | 18.47      | 0.0703  | 17.70     | 0.0589  |
| Lowest             | 16QAM      | 1    | 0      | 18.03      | 0.0635  | 17.67     | 0.0585  |
| Middle             |            | 1    | 0      | 18.17      | 0.0656  | 17.35     | 0.0543  |
| Highest            |            | 1    | 0      | 17.26      | 0.0532  | 16.48     | 0.0445  |
| 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      | 19.11      | 0.0815  | 18.79     | 0.0757  |
| Middle             |            | 1    | 0      | 19.30      | 0.0851  | 18.55     | 0.0716  |
| Highest            |            | 1    | 0      | 18.51      | 0.0710  | 18.05     | 0.0638  |
| Lowest             | 16QAM      | 1    | 0      | 18.00      | 0.0631  | 17.69     | 0.0587  |
| Middle             |            | 1    | 0      | 18.07      | 0.0641  | 17.30     | 0.0537  |
| Highest            |            | 1    | 0      | 17.25      | 0.0531  | 16.80     | 0.0479  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 25 / 1.4MHz |            |      |        |            |         |           |         |
|----------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel              | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                      |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest               | QPSK       | -    | -      | -          | -       | -         | -       |
| Middle               |            | -    | -      | -          | -       | -         | -       |
| Highest              |            | 1    | 0      | 19.87      | 0.0971  | 18.64     | 0.0731  |
| Lowest               | 16QAM      | -    | -      | -          | -       | -         | -       |
| Middle               |            | -    | -      | -          | -       | -         | -       |
| Highest              |            | 1    | 2      | 18.85      | 0.0767  | 17.56     | 0.0570  |
| 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       | -    | -      | -          | -       | -         | -       |
| Middle             |            | -    | -      | -          | -       | -         | -       |
| Highest            |            | 1    | 0      | 19.76      | 0.0946  | 18.57     | 0.0719  |
| Lowest             | 16QAM      | -    | -      | -          | -       | -         | -       |
| Middle             |            | -    | -      | -          | -       | -         | -       |
| Highest            |            | 1    | 0      | 18.74      | 0.0748  | 17.60     | 0.0575  |
| 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       | -    | -      | -          | -       | -         | -       |
| Middle             |            | -    | -      | -          | -       | -         | -       |
| Highest            |            | 1    | 0      | 19.70      | 0.0933  | 18.62     | 0.0728  |
| Lowest             | 16QAM      | -    | -      | -          | -       | -         | -       |
| Middle             |            | -    | -      | -          | -       | -         | -       |
| Highest            |            | 1    | 0      | 18.71      | 0.0743  | 17.63     | 0.0579  |
| 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       | -    | -      | -          | -       | -         | -       |
| Middle              |            | -    | -      | -          | -       | -         | -       |
| Highest             |            | 1    | 0      | 19.56      | 0.0904  | 18.66     | 0.0735  |
| Lowest              | 16QAM      | -    | -      | -          | -       | -         | -       |
| Middle              |            | -    | -      | -          | -       | -         | -       |
| Highest             |            | 1    | 0      | 18.47      | 0.0703  | 17.68     | 0.0586  |
| 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       | -    | -      | -          | -       | -         | -       |
| Middle              |            | -    | -      | -          | -       | -         | -       |
| Highest             |            | 1    | 0      | 19.31      | 0.0853  | 18.75     | 0.0750  |
| Lowest              | 16QAM      | -    | -      | -          | -       | -         | -       |
| Middle              |            | -    | -      | -          | -       | -         | -       |
| Highest             |            | 1    | 0      | 18.26      | 0.0670  | 17.74     | 0.0594  |
| 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       | -    | -      | -          | -       | -         | -       |
| Middle              |            | -    | -      | -          | -       | -         | -       |
| Highest             |            | 1    | 0      | 19.03      | 0.0800  | 18.69     | 0.0740  |
| Lowest              | 16QAM      | -    | -      | -          | -       | -         | -       |
| Middle              |            | -    | -      | -          | -       | -         | -       |
| Highest             |            | 1    | 0      | 18.00      | 0.0631  | 17.70     | 0.0589  |
| 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      | 20.03      | 0.1007  | 20.62     | 0.1153  |
| Middle              |            | 1    | 0      | 20.04      | 0.1009  | 20.43     | 0.1104  |
| Highest             |            | 1    | 0      | 20.27      | 0.1064  | 20.48     | 0.1117  |
| Lowest              | 16QAM      | 1    | 0      | 18.87      | 0.0771  | 19.49     | 0.0889  |
| Middle              |            | 1    | 0      | 18.88      | 0.0773  | 19.28     | 0.0847  |
| Highest             |            | 1    | 0      | 19.07      | 0.0807  | 19.28     | 0.0847  |
| 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      | 19.94      | 0.0986  | 20.52     | 0.1127  |
| Middle            |            | 1    | 0      | 20.03      | 0.1007  | 20.39     | 0.1094  |
| Highest           |            | 1    | 0      | 20.17      | 0.1040  | 20.42     | 0.1102  |
| Lowest            | 16QAM      | 1    | 0      | 18.81      | 0.0760  | 19.41     | 0.0873  |
| Middle            |            | 1    | 0      | 18.89      | 0.0774  | 19.27     | 0.0845  |
| Highest           |            | 1    | 0      | 19.00      | 0.0794  | 19.26     | 0.0843  |
| 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      | 19.91      | 0.0979  | 20.50     | 0.1122  |
| Middle            |            | 1    | 0      | 20.02      | 0.1005  | 20.33     | 0.1079  |
| Highest           |            | 1    | 0      | 20.01      | 0.1002  | 20.40     | 0.1096  |
| Lowest            | 16QAM      | 1    | 0      | 18.80      | 0.0759  | 19.39     | 0.0869  |
| Middle            |            | 1    | 0      | 18.92      | 0.0780  | 19.21     | 0.0834  |
| Highest           |            | 1    | 0      | 18.90      | 0.0776  | 19.29     | 0.0849  |
| 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      | 19.90      | 0.0977  | 20.50     | 0.1122  |
| Middle            |            | 1    | 0      | 20.12      | 0.1028  | 20.34     | 0.1081  |
| Highest           |            | 1    | 0      | 20.20      | 0.1047  | 20.55     | 0.1135  |
| Lowest            | 16QAM      | 1    | 0      | 18.84      | 0.0766  | 19.33     | 0.0857  |
| Middle            |            | 1    | 0      | 19.03      | 0.0800  | 19.23     | 0.0838  |
| Highest           |            | 1    | 0      | 19.01      | 0.0796  | 19.38     | 0.0867  |
| 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      | 19.99      | 0.0998  | 20.44     | 0.1107  |
| Middle             |            | 1    | 0      | 20.09      | 0.1021  | 20.36     | 0.1086  |
| Highest            |            | 1    | 0      | 20.03      | 0.1007  | 20.62     | 0.1153  |
| Lowest             | 16QAM      | 1    | 0      | 18.86      | 0.0769  | 19.38     | 0.0867  |
| Middle             |            | 1    | 0      | 18.99      | 0.0793  | 19.27     | 0.0845  |
| Highest            |            | 1    | 0      | 18.94      | 0.0783  | 19.51     | 0.0893  |
| 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      | 19.99      | 0.0998  | 20.44     | 0.1107  |
| Middle             |            | 1    | 0      | 19.90      | 0.0977  | 20.54     | 0.1132  |
| Highest            |            | 1    | 0      | 20.49      | 0.1119  | 20.31     | 0.1074  |
| Lowest             | 16QAM      | 1    | 0      | 19.12      | 0.0817  | 19.35     | 0.0861  |
| Middle             |            | 1    | 0      | 19.10      | 0.0813  | 19.34     | 0.0859  |
| Highest            |            | 1    | 0      | 19.31      | 0.0853  | 19.14     | 0.0820  |
| 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      | 17.25      | 0.0531 | 7.90     | 0.0062 |
| Middle              |            | 1    | 0      | 17.68      | 0.0586 | 8.60     | 0.0072 |
| Highest             |            | 1    | 0      | 17.86      | 0.0611 | 9.36     | 0.0086 |
| Lowest              | 16QAM      | 1    | 0      | 16.11      | 0.0408 | 6.74     | 0.0047 |
| Middle              |            | 1    | 0      | 16.58      | 0.0455 | 7.49     | 0.0056 |
| Highest             |            | 1    | 0      | 16.78      | 0.0476 | 8.25     | 0.0067 |
| 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      | 17.28      | 0.0535 | 7.89     | 0.0062 |
| Middle            |            | 1    | 0      | 17.65      | 0.0582 | 8.47     | 0.0070 |
| Highest           |            | 1    | 0      | 17.97      | 0.0627 | 9.30     | 0.0085 |
| Lowest            | 16QAM      | 1    | 0      | 16.15      | 0.0412 | 6.78     | 0.0048 |
| Middle            |            | 1    | 0      | 16.56      | 0.0453 | 7.43     | 0.0055 |
| Highest           |            | 1    | 0      | 16.86      | 0.0485 | 8.22     | 0.0066 |
| 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      | 17.23      | 0.0528 | 7.83     | 0.0061 |
| Middle            |            | 1    | 0      | 17.53      | 0.0566 | 8.39     | 0.0069 |
| Highest           |            | 1    | 0      | 17.87      | 0.0612 | 9.10     | 0.0081 |
| Lowest            | 16QAM      | 1    | 0      | 16.10      | 0.0407 | 6.74     | 0.0047 |
| Middle            |            | 1    | 0      | 16.47      | 0.0444 | 7.30     | 0.0054 |
| Highest           |            | 1    | 0      | 16.77      | 0.0475 | 8.05     | 0.0064 |
| 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      | 17.23      | 0.0528 | 7.86     | 0.0061 |
| Middle             |            | 1    | 0      | 17.40      | 0.0550 | 8.23     | 0.0067 |
| Highest            |            | 1    | 0      | 17.67      | 0.0585 | 8.73     | 0.0075 |
| Lowest             | 16QAM      | 1    | 0      | 16.14      | 0.0411 | 6.76     | 0.0047 |
| Middle             |            | 1    | 0      | 16.33      | 0.0430 | 7.18     | 0.0052 |
| Highest            |            | 1    | 0      | 16.55      | 0.0452 | 7.64     | 0.0058 |
| 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      | 18.84      | 0.0766  | 17.28     | 0.0535  |
| Middle            |            | 1    | 0      | 19.25      | 0.0841  | 18.04     | 0.0637  |
| Highest           |            | 1    | 0      | 19.08      | 0.0809  | 18.17     | 0.0656  |
| Lowest            | 16QAM      | 1    | 24     | 18.26      | 0.0670  | 16.78     | 0.0476  |
| Middle            |            | 1    | 24     | 18.70      | 0.0741  | 17.31     | 0.0538  |
| Highest           |            | 1    | 24     | 18.27      | 0.0671  | 17.26     | 0.0532  |
| 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      | 18.84      | 0.0766  | 17.39     | 0.0548  |
| Middle             |            | 1    | 0      | 18.93      | 0.0782  | 18.03     | 0.0635  |
| Highest            |            | 1    | 0      | 19.80      | 0.0955  | 18.47     | 0.0703  |
| Lowest             | 16QAM      | 1    | 49     | 18.86      | 0.0769  | 17.41     | 0.0551  |
| Middle             |            | 1    | 49     | 18.74      | 0.0748  | 17.41     | 0.0551  |
| Highest            |            | 1    | 49     | 18.36      | 0.0685  | 17.30     | 0.0537  |
| 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      | 18.65      | 0.0733  | 17.21     | 0.0526  |
| Middle             |            | 1    | 0      | 18.99      | 0.0793  | 18.00     | 0.0631  |
| Highest            |            | 1    | 0      | 19.99      | 0.0998  | 18.95     | 0.0785  |
| Lowest             | 16QAM      | 1    | 37     | 18.35      | 0.0684  | 17.11     | 0.0514  |
| Middle             |            | 1    | 37     | 18.25      | 0.0668  | 17.22     | 0.0527  |
| Highest            |            | 1    | 37     | 18.69      | 0.0740  | 17.50     | 0.0562  |
| 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      | 18.28      | 0.0673  | 16.93     | 0.0493  |
| Middle             |            | 1    | 0      | 18.77      | 0.0753  | 17.82     | 0.0605  |
| Highest            |            | 1    | 0      | 19.86      | 0.0968  | 18.76     | 0.0752  |
| Lowest             | 16QAM      | 1    | 49     | 18.65      | 0.0733  | 17.43     | 0.0553  |
| Middle             |            | 1    | 49     | 18.36      | 0.0685  | 17.28     | 0.0535  |
| Highest            |            | 1    | 49     | 19.07      | 0.0807  | 17.83     | 0.0607  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 38 / 5MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 18.88      | 0.0773  | 17.59     | 0.0574  |
| Middle             |            | 1    | 0      | 18.09      | 0.0644  | 17.26     | 0.0532  |
| Highest            |            | 1    | 0      | 17.10      | 0.0513  | 17.03     | 0.0505  |
| Lowest             | 16QAM      | 1    | 24     | 17.57      | 0.0571  | 16.44     | 0.0441  |
| Middle             |            | 1    | 24     | 16.84      | 0.0483  | 16.35     | 0.0432  |
| Highest            |            | 1    | 24     | 16.22      | 0.0419  | 16.01     | 0.0399  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 38 / 10MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 18.73      | 0.0746  | 17.52     | 0.0565  |
| Middle              |            | 1    | 0      | 17.94      | 0.0622  | 17.35     | 0.0543  |
| Highest             |            | 1    | 0      | 17.41      | 0.0551  | 17.19     | 0.0524  |
| Lowest              | 16QAM      | 1    | 49     | 17.50      | 0.0562  | 16.50     | 0.0447  |
| Middle              |            | 1    | 49     | 16.67      | 0.0465  | 16.28     | 0.0425  |
| Highest             |            | 1    | 49     | 16.19      | 0.0416  | 15.97     | 0.0395  |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 38 / 15MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 18.77      | 0.0753  | 17.58     | 0.0573  |
| Middle              |            | 1    | 0      | 18.13      | 0.0650  | 17.50     | 0.0562  |
| Highest             |            | 1    | 0      | 17.54      | 0.0568  | 17.40     | 0.0550  |
| Lowest              | 16QAM      | 1    | 74     | 17.31      | 0.0538  | 16.40     | 0.0437  |
| Middle              |            | 1    | 74     | 16.59      | 0.0456  | 16.22     | 0.0419  |
| Highest             |            | 1    | 74     | 16.31      | 0.0428  | 16.08     | 0.0406  |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 38 / 20MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 18.74      | 0.0748  | 17.61     | 0.0577  |
| Middle              |            | 1    | 0      | 18.21      | 0.0662  | 17.40     | 0.0550  |
| Highest             |            | 1    | 0      | 13.88      | 0.0244  | 13.20     | 0.0209  |
| Lowest              | 16QAM      | 1    | 99     | 17.02      | 0.0504  | 16.45     | 0.0442  |
| Middle              |            | 1    | 99     | 16.55      | 0.0452  | 16.28     | 0.0425  |
| Highest             |            | 1    | 99     | 16.23      | 0.0420  | 15.82     | 0.0382  |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 41 / 5MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 18.51      | 0.0710  | 17.16     | 0.0520  |
| Middle             |            | 1    | 0      | 17.92      | 0.0619  | 17.14     | 0.0518  |
| Highest            |            | 1    | 0      | 16.33      | 0.0430  | 16.15     | 0.0412  |
| Lowest             | 16QAM      | 1    | 24     | 17.47      | 0.0558  | 15.89     | 0.0388  |
| Middle             |            | 1    | 24     | 16.86      | 0.0485  | 16.11     | 0.0408  |
| Highest            |            | 1    | 24     | 15.25      | 0.0335  | 15.16     | 0.0328  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 41 / 10MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 24     | 18.28      | 0.0673  | 16.74     | 0.0472  |
| Middle              |            | 1    | 24     | 17.73      | 0.0593  | 16.91     | 0.0491  |
| Highest             |            | 1    | 24     | 16.12      | 0.0409  | 16.00     | 0.0398  |
| Lowest              | 16QAM      | 1    | 24     | 17.40      | 0.0550  | 15.82     | 0.0382  |
| Middle              |            | 1    | 24     | 16.80      | 0.0479  | 15.99     | 0.0397  |
| Highest             |            | 1    | 24     | 15.18      | 0.0330  | 15.05     | 0.0320  |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 41 / 15MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 37     | 18.37      | 0.0687  | 16.86     | 0.0485  |
| Middle              |            | 1    | 37     | 17.88      | 0.0614  | 16.98     | 0.0499  |
| Highest             |            | 1    | 37     | 16.00      | 0.0398  | 16.02     | 0.0400  |
| Lowest              | 16QAM      | 1    | 37     | 17.31      | 0.0538  | 15.84     | 0.0384  |
| Middle              |            | 1    | 37     | 16.80      | 0.0479  | 15.94     | 0.0393  |
| Highest             |            | 1    | 37     | 14.95      | 0.0313  | 14.94     | 0.0312  |
| Limit               | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 41 / 20MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 0      | 18.27      | 0.0671  | 16.89     | 0.0489  |
| Middle              |            | 1    | 0      | 18.17      | 0.0656  | 17.13     | 0.0516  |
| Highest             |            | 1    | 0      | 16.28      | 0.0425  | 16.28     | 0.0425  |
| Lowest              | 16QAM      | 1    | 49     | 17.28      | 0.0535  | 15.93     | 0.0392  |
| Middle              |            | 1    | 49     | 16.79      | 0.0478  | 15.95     | 0.0394  |
| Highest             |            | 1    | 49     | 15.05      | 0.0320  | 15.03     | 0.0318  |
| 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                 | -48.28          | -13              | -35.28                  | -65.35                  | -54.85                   | 1.67                       | 8.24                        | H                     |
|                                                 | 5548                 | -45.57          | -13              | -32.57                  | -67.98                  | -52.64                   | 2.65                       | 9.72                        | H                     |
|                                                 | 7403                 | -39.06          | -13              | -26.06                  | -68.31                  | -48.21                   | 2.46                       | 11.61                       | H                     |
|                                                 | 3700                 | -47.67          | -13              | -34.67                  | -65.96                  | -54.24                   | 1.67                       | 8.24                        | V                     |
|                                                 | 5548                 | -45.10          | -13              | -32.10                  | -67.02                  | -52.17                   | 2.65                       | 9.72                        | V                     |
|                                                 | 7403                 | -39.43          | -13              | -26.43                  | -68.37                  | -48.58                   | 2.46                       | 11.61                       | V                     |
| Middle                                          | 3756                 | -49.86          | -13              | -36.86                  | -67.51                  | -56.48                   | 1.68                       | 8.31                        | H                     |
|                                                 | 5639                 | -44.08          | -13              | -31.08                  | -66.91                  | -51.13                   | 2.71                       | 9.76                        | H                     |
|                                                 | 7515                 | -38.83          | -13              | -25.83                  | -68.55                  | -48.21                   | 2.42                       | 11.81                       | H                     |
|                                                 | 3756                 | -49.69          | -13              | -36.69                  | -67.93                  | -56.31                   | 1.68                       | 8.31                        | V                     |
|                                                 | 5639                 | -45.43          | -13              | -32.43                  | -67.8                   | -52.48                   | 2.71                       | 9.76                        | V                     |
|                                                 | 7515                 | -39.37          | -13              | -26.37                  | -68.35                  | -48.75                   | 2.42                       | 11.81                       | V                     |
| Highest                                         | 3819                 | -46.94          | -13              | -33.94                  | -64.39                  | -51.47                   | 1.70                       | 8.38                        | H                     |
|                                                 | 5723                 | -44.96          | -13              | -31.96                  | -68.14                  | -49.85                   | 2.75                       | 9.79                        | H                     |
|                                                 | 7634                 | -39.97          | -13              | -26.97                  | -68.33                  | -47.31                   | 2.39                       | 11.88                       | H                     |
|                                                 | 3819                 | -46.92          | -13              | -33.92                  | -65.46                  | -51.45                   | 1.70                       | 8.38                        | V                     |
|                                                 | 5723                 | -44.45          | -13              | -31.45                  | -68.24                  | -49.34                   | 2.75                       | 9.79                        | V                     |
|                                                 | 7634                 | -39.17          | -13              | -26.17                  | -67.24                  | -46.51                   | 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                 | -46.91          | -13              | -33.91                  | -64.5                   | -53.48                   | 1.67                       | 8.24                        | H                     |
|                                               | 5548                 | -46.03          | -13              | -33.03                  | -68.24                  | -53.1                    | 2.65                       | 9.72                        | H                     |
|                                               | 7396                 | -39.32          | -13              | -26.32                  | -68.33                  | -48.45                   | 2.46                       | 11.59                       | H                     |
|                                               | 3700                 | -48.60          | -13              | -35.60                  | -66.96                  | -55.17                   | 1.67                       | 8.24                        | V                     |
|                                               | 5548                 | -45.78          | -13              | -32.78                  | -68.09                  | -52.85                   | 2.65                       | 9.72                        | V                     |
|                                               | 7396                 | -39.11          | -13              | -26.11                  | -68.12                  | -48.24                   | 2.46                       | 11.59                       | V                     |
| Middle                                        | 3756                 | -48.06          | -13              | -35.06                  | -65.51                  | -54.68                   | 1.68                       | 8.31                        | H                     |
|                                               | 5639                 | -44.70          | -13              | -31.70                  | -67.16                  | -51.75                   | 2.71                       | 9.76                        | H                     |
|                                               | 7515                 | -39.01          | -13              | -26.01                  | -68.79                  | -48.39                   | 2.42                       | 11.81                       | H                     |
|                                               | 3756                 | -46.86          | -13              | -33.86                  | -65.41                  | -53.48                   | 1.68                       | 8.31                        | V                     |
|                                               | 5639                 | -44.84          | -13              | -31.84                  | -67.29                  | -51.89                   | 2.71                       | 9.76                        | V                     |
|                                               | 7515                 | -39.81          | -13              | -26.81                  | -68.68                  | -49.19                   | 2.42                       | 11.81                       | V                     |
| Highest                                       | 3812                 | -45.70          | -13              | -32.70                  | -63.14                  | -50.22                   | 1.70                       | 8.37                        | H                     |
|                                               | 5716                 | -44.64          | -13              | -31.64                  | -67.53                  | -49.53                   | 2.75                       | 9.79                        | H                     |
|                                               | 7627                 | -40.07          | -13              | -27.07                  | -68.55                  | -47.41                   | 2.39                       | 11.88                       | H                     |
|                                               | 3812                 | -47.96          | -13              | -34.96                  | -66.66                  | -52.48                   | 1.70                       | 8.37                        | V                     |
|                                               | 5716                 | -44.97          | -13              | -31.97                  | -67.82                  | -49.86                   | 2.75                       | 9.79                        | V                     |
|                                               | 7627                 | -40.08          | -13              | -27.08                  | -68.67                  | -47.42                   | 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                 | -46.88          | -13              | -33.88                  | -63.79                  | -53.45                   | 1.67                       | 8.24                        | H                     |
|                                               | 5548                 | -45.61          | -13              | -32.61                  | -68.07                  | -52.68                   | 2.65                       | 9.72                        | H                     |
|                                               | 7403                 | -39.40          | -13              | -26.40                  | -68.63                  | -48.55                   | 2.46                       | 11.61                       | H                     |
|                                               | 3700                 | -47.60          | -13              | -34.60                  | -66.62                  | -54.17                   | 1.67                       | 8.24                        | V                     |
|                                               | 5548                 | -46.24          | -13              | -33.24                  | -68.35                  | -53.31                   | 2.65                       | 9.72                        | V                     |
|                                               | 7403                 | -39.04          | -13              | -26.04                  | -67.78                  | -48.19                   | 2.46                       | 11.61                       | V                     |
| Middle                                        | 3756                 | -47.69          | -13              | -34.69                  | -65.34                  | -54.31                   | 1.68                       | 8.31                        | H                     |
|                                               | 5632                 | -44.80          | -13              | -31.80                  | -66.86                  | -51.85                   | 2.70                       | 9.75                        | H                     |
|                                               | 7508                 | -39.89          | -13              | -26.89                  | -68.98                  | -49.27                   | 2.43                       | 11.80                       | H                     |
|                                               | 3756                 | -46.86          | -13              | -33.86                  | -65.57                  | -53.48                   | 1.68                       | 8.31                        | V                     |
|                                               | 5632                 | -45.36          | -13              | -32.36                  | -67.94                  | -52.41                   | 2.70                       | 9.75                        | V                     |
|                                               | 7508                 | -39.79          | -13              | -26.79                  | -68.7                   | -49.17                   | 2.43                       | 11.80                       | V                     |
| Highest                                       | 3812                 | -46.79          | -13              | -33.79                  | -64.06                  | -51.31                   | 1.70                       | 8.37                        | H                     |
|                                               | 5716                 | -44.85          | -13              | -31.85                  | -67.69                  | -49.74                   | 2.75                       | 9.79                        | H                     |
|                                               | 7620                 | -39.89          | -13              | -26.89                  | -68.4                   | -47.22                   | 2.39                       | 11.87                       | H                     |
|                                               | 3812                 | -46.96          | -13              | -33.96                  | -65.54                  | -51.48                   | 1.70                       | 8.37                        | V                     |
|                                               | 5716                 | -44.96          | -13              | -31.96                  | -67.94                  | -49.85                   | 2.75                       | 9.79                        | V                     |
|                                               | 7620                 | -39.86          | -13              | -26.86                  | -68.15                  | -47.19                   | 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                 | -47.45          | -13              | -34.45                  | -65.06                  | -54.02                   | 1.67                       | 8.24                        | H                     |
|                                                | 5548                 | -45.59          | -13              | -32.59                  | -68.48                  | -52.66                   | 2.65                       | 9.72                        | H                     |
|                                                | 7403                 | -39.03          | -13              | -26.03                  | -68.94                  | -48.18                   | 2.46                       | 11.61                       | H                     |
|                                                | 3700                 | -47.64          | -13              | -34.64                  | -66.33                  | -54.21                   | 1.67                       | 8.24                        | V                     |
|                                                | 5548                 | -45.41          | -13              | -32.41                  | -68.36                  | -52.48                   | 2.65                       | 9.72                        | V                     |
|                                                | 7403                 | -39.22          | -13              | -26.22                  | -68.81                  | -48.37                   | 2.46                       | 11.61                       | V                     |
| Middle                                         | 3749                 | -49.66          | -13              | -36.66                  | -67.48                  | -56.28                   | 1.68                       | 8.30                        | H                     |
|                                                | 5625                 | -44.30          | -13              | -31.30                  | -67.44                  | -51.35                   | 2.70                       | 9.75                        | H                     |
|                                                | 7501                 | -38.18          | -13              | -25.18                  | -68.27                  | -47.55                   | 2.43                       | 11.80                       | H                     |
|                                                | 3749                 | -47.69          | -13              | -34.69                  | -66.54                  | -54.31                   | 1.68                       | 8.30                        | V                     |
|                                                | 5625                 | -41.95          | -13              | -28.95                  | -64.9                   | -49                      | 2.70                       | 9.75                        | V                     |
|                                                | 7501                 | -38.26          | -13              | -25.26                  | -68.19                  | -47.63                   | 2.43                       | 11.80                       | V                     |
| Highest                                        | 3798                 | -46.16          | -13              | -33.16                  | -64.15                  | -50.67                   | 1.70                       | 8.36                        | H                     |
|                                                | 5702                 | -44.63          | -13              | -31.63                  | -68.2                   | -49.52                   | 2.74                       | 9.78                        | H                     |
|                                                | 7599                 | -39.33          | -13              | -26.33                  | -68.6                   | -46.64                   | 2.40                       | 11.86                       | H                     |
|                                                | 3798                 | -45.80          | -13              | -32.80                  | -64.8                   | -50.31                   | 1.70                       | 8.36                        | V                     |
|                                                | 5702                 | -44.31          | -13              | -31.31                  | -67.65                  | -49.2                    | 2.74                       | 9.78                        | V                     |
|                                                | 7599                 | -39.08          | -13              | -26.08                  | -68.12                  | -46.39                   | 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                 | -47.28          | -13              | -34.28                  | -64.53                  | -53.85                   | 1.67                       | 8.24                        | H                     |
|                                                | 5555                 | -46.05          | -13              | -33.05                  | -68.32                  | -53.12                   | 2.66                       | 9.72                        | H                     |
|                                                | 7403                 | -39.06          | -13              | -26.06                  | -68.41                  | -48.21                   | 2.46                       | 11.61                       | H                     |
|                                                | 3700                 | -47.95          | -13              | -34.95                  | -65.87                  | -54.52                   | 1.67                       | 8.24                        | V                     |
|                                                | 5555                 | -45.78          | -13              | -32.78                  | -67.84                  | -52.85                   | 2.66                       | 9.72                        | V                     |
|                                                | 7403                 | -39.37          | -13              | -26.37                  | -68.48                  | -48.52                   | 2.46                       | 11.61                       | V                     |
| Middle                                         | 3749                 | -49.03          | -13              | -36.03                  | -66.35                  | -55.65                   | 1.68                       | 8.30                        | H                     |
|                                                | 5618                 | -45.12          | -13              | -32.12                  | -67.51                  | -52.17                   | 2.69                       | 9.75                        | H                     |
|                                                | 7494                 | -38.85          | -13              | -25.85                  | -68.27                  | -48.21                   | 2.43                       | 11.79                       | H                     |
|                                                | 3749                 | -47.90          | -13              | -34.90                  | -66.54                  | -54.52                   | 1.68                       | 8.30                        | V                     |
|                                                | 5618                 | -45.80          | -13              | -32.80                  | -68.12                  | -52.85                   | 2.69                       | 9.75                        | V                     |
|                                                | 7494                 | -38.05          | -13              | -25.05                  | -67.55                  | -47.41                   | 2.43                       | 11.79                       | V                     |
| Highest                                        | 3791                 | -46.95          | -13              | -33.95                  | -64.55                  | -51.45                   | 1.70                       | 8.35                        | H                     |
|                                                | 5688                 | -44.78          | -13              | -31.78                  | -68.12                  | -49.67                   | 2.73                       | 9.78                        | H                     |
|                                                | 7585                 | -39.88          | -13              | -26.88                  | -68.68                  | -47.18                   | 2.40                       | 11.85                       | H                     |
|                                                | 3791                 | -45.81          | -13              | -32.81                  | -64.63                  | -50.31                   | 1.70                       | 8.35                        | V                     |
|                                                | 5688                 | -44.96          | -13              | -31.96                  | -68.04                  | -49.85                   | 2.73                       | 9.78                        | V                     |
|                                                | 7585                 | -39.82          | -13              | -26.82                  | -68.36                  | -47.12                   | 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                 | -48.38          | -13              | -35.38                  | -65.56                  | -54.95                   | 1.67                       | 8.24                        | H                     |
|                                                | 5555                 | -45.24          | -13              | -32.24                  | -67.8                   | -52.31                   | 2.66                       | 9.72                        | H                     |
|                                                | 7403                 | -39.06          | -13              | -26.06                  | -68.15                  | -48.21                   | 2.46                       | 11.61                       | H                     |
|                                                | 3700                 | -46.91          | -13              | -33.91                  | -65.44                  | -53.48                   | 1.67                       | 8.24                        | V                     |
|                                                | 5555                 | -46.10          | -13              | -33.10                  | -68.18                  | -53.17                   | 2.66                       | 9.72                        | V                     |
|                                                | 7403                 | -39.60          | -13              | -26.60                  | -68.25                  | -48.75                   | 2.46                       | 11.61                       | V                     |
| Middle                                         | 3742                 | -48.24          | -13              | -35.24                  | -65.63                  | -54.85                   | 1.68                       | 8.29                        | H                     |
|                                                | 5611                 | -46.08          | -13              | -33.08                  | -68.71                  | -53.14                   | 2.69                       | 9.74                        | H                     |
|                                                | 7487                 | -39.18          | -13              | -26.18                  | -68.38                  | -48.52                   | 2.43                       | 11.77                       | H                     |
|                                                | 3742                 | -47.24          | -13              | -34.24                  | -65.42                  | -53.85                   | 1.68                       | 8.29                        | V                     |
|                                                | 5611                 | -46.11          | -13              | -33.11                  | -68.65                  | -53.17                   | 2.69                       | 9.74                        | V                     |
|                                                | 7487                 | -39.18          | -13              | -26.18                  | -68.35                  | -48.52                   | 2.43                       | 11.77                       | V                     |
| Highest                                        | 3784                 | -46.01          | -13              | -33.01                  | -63.58                  | -50.51                   | 1.69                       | 8.34                        | H                     |
|                                                | 5674                 | -44.96          | -13              | -31.96                  | -68.18                  | -49.85                   | 2.73                       | 9.77                        | H                     |
|                                                | 7564                 | -39.09          | -13              | -26.09                  | -68.26                  | -46.37                   | 2.41                       | 11.84                       | H                     |
|                                                | 3784                 | -46.92          | -13              | -33.92                  | -65.31                  | -51.42                   | 1.69                       | 8.34                        | V                     |
|                                                | 5674                 | -44.96          | -13              | -31.96                  | -67.93                  | -49.85                   | 2.73                       | 9.77                        | V                     |
|                                                | 7564                 | -38.93          | -13              | -25.93                  | -67.97                  | -46.21                   | 2.41                       | 11.84                       | 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) |
| Highest                                          | 3826                 | -45.86          | -13              | -32.86                  | -63.46                  | -52.54                   | 1.71                       | 8.39                        | H                     |
|                                                  | 5744                 | -45.15          | -13              | -32.15                  | -68.35                  | -52.18                   | 2.77                       | 9.80                        | H                     |
|                                                  | 7655                 | -39.07          | -13              | -26.07                  | -67.47                  | -48.58                   | 2.38                       | 11.89                       | H                     |
|                                                  | 3826                 | -47.13          | -13              | -34.13                  | -65.73                  | -53.81                   | 1.71                       | 8.39                        | V                     |
|                                                  | 5744                 | -45.95          | -13              | -32.95                  | -68.65                  | -52.98                   | 2.77                       | 9.80                        | V                     |
|                                                  | 7655                 | -39.03          | -13              | -26.03                  | -67.54                  | -48.54                   | 2.38                       | 11.89                       | V                     |

| 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) |
| Highest                                        | 3826                 | -46.73          | -13              | -33.73                  | -64.44                  | -53.41                   | 1.71                       | 8.39                        | H                     |
|                                                | 5737                 | -45.16          | -13              | -32.16                  | -67.93                  | -52.19                   | 2.76                       | 9.79                        | H                     |
|                                                | 7648                 | -38.76          | -13              | -25.76                  | -67.41                  | -48.27                   | 2.38                       | 11.89                       | H                     |
|                                                | 3826                 | -46.18          | -13              | -33.18                  | -65.72                  | -52.86                   | 1.71                       | 8.39                        | V                     |
|                                                | 5737                 | -46.16          | -13              | -33.16                  | -68.73                  | -53.19                   | 2.76                       | 9.79                        | V                     |
|                                                | 7648                 | -39.24          | -13              | -26.24                  | -67.61                  | -48.75                   | 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) |
| Highest                                        | 3819                 | -47.53          | -13              | -34.53                  | -65.16                  | -54.21                   | 1.70                       | 8.38                        | H                     |
|                                                | 5730                 | -45.84          | -13              | -32.84                  | -68.78                  | -52.87                   | 2.76                       | 9.79                        | H                     |
|                                                | 7641                 | -39.74          | -13              | -26.74                  | -68.31                  | -49.24                   | 2.38                       | 11.88                       | H                     |
|                                                | 3819                 | -48.53          | -13              | -35.53                  | -67.11                  | -55.21                   | 1.70                       | 8.38                        | V                     |
|                                                | 5730                 | -44.82          | -13              | -31.82                  | -67.69                  | -51.85                   | 2.76                       | 9.79                        | V                     |
|                                                | 7641                 | -39.83          | -13              | -26.83                  | -67.76                  | -49.33                   | 2.38                       | 11.88                       | V                     |

| 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) |
| Highest                                         | 3812                 | -45.67          | -13              | -32.67                  | -63.55                  | -52.34                   | 1.70                       | 8.37                        | H                     |
|                                                 | 5716                 | -44.81          | -13              | -31.81                  | -67.56                  | -51.85                   | 2.75                       | 9.79                        | H                     |
|                                                 | 7620                 | -39.88          | -13              | -26.88                  | -67.37                  | -49.36                   | 2.39                       | 11.87                       | H                     |
|                                                 | 3812                 | -47.18          | -13              | -34.18                  | -65.28                  | -53.85                   | 1.70                       | 8.37                        | V                     |
|                                                 | 5716                 | -45.13          | -13              | -32.13                  | -67.62                  | -52.17                   | 2.75                       | 9.79                        | V                     |
|                                                 | 7620                 | -40.37          | -13              | -27.37                  | -68.74                  | -49.85                   | 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) |
| Highest                                         | 3798                 | -46.19          | -13              | -33.19                  | -63.69                  | -52.85                   | 1.70                       | 8.36                        | H                     |
|                                                 | 5702                 | -44.27          | -13              | -31.27                  | -67.29                  | -51.31                   | 2.74                       | 9.78                        | H                     |
|                                                 | 6599                 | -39.69          | -13              | -26.69                  | -68.52                  | -47.29                   | 2.72                       | 10.32                       | H                     |
|                                                 | 3798                 | -46.58          | -13              | -33.58                  | -64.99                  | -53.24                   | 1.70                       | 8.36                        | V                     |
|                                                 | 5702                 | -44.35          | -13              | -31.35                  | -67.37                  | -51.39                   | 2.74                       | 9.78                        | V                     |
|                                                 | 7599                 | -39.95          | -13              | -26.95                  | -68.44                  | -49.41                   | 2.40                       | 11.86                       | V                     |

| 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) |
| Highest                                         | 3791                 | -45.66          | -13              | -32.66                  | -63.25                  | -52.31                   | 1.70                       | 8.35                        | H                     |
|                                                 | 5688                 | -45.15          | -13              | -32.15                  | -68.1                   | -52.19                   | 2.73                       | 9.78                        | H                     |
|                                                 | 7585                 | -40.29          | -13              | -27.29                  | -69.03                  | -49.74                   | 2.40                       | 11.85                       | H                     |
|                                                 | 3791                 | -45.20          | -13              | -32.20                  | -63.8                   | -51.85                   | 1.70                       | 8.35                        | V                     |
|                                                 | 5688                 | -45.10          | -13              | -32.10                  | -67.83                  | -52.14                   | 2.73                       | 9.78                        | V                     |
|                                                 | 7585                 | -40.07          | -13              | -27.07                  | -68.94                  | -49.52                   | 2.40                       | 11.85                       | 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                 | -45.13          | -13              | -32.13                  | -62.29                  | -51.2                    | 1.58                       | 7.65                        | H                     |
|                                                 | 5130                 | -46.51          | -13              | -33.51                  | -67.58                  | -53.8                    | 2.41                       | 9.70                        | H                     |
|                                                 | 6840                 | -39.03          | -13              | -26.03                  | -67.09                  | -47                      | 2.64                       | 10.61                       | H                     |
|                                                 | 3420                 | -42.43          | -13              | -29.43                  | -60.98                  | -48.5                    | 1.58                       | 7.65                        | V                     |
|                                                 | 5130                 | -46.61          | -13              | -33.61                  | -67.47                  | -53.9                    | 2.41                       | 9.70                        | V                     |
|                                                 | 6840                 | -40.13          | -13              | -27.13                  | -67.31                  | -48.1                    | 2.64                       | 10.61                       | V                     |
| Middle                                          | 3463                 | -45.26          | -13              | -32.26                  | -62.89                  | -51.5                    | 1.59                       | 7.84                        | H                     |
|                                                 | 5195                 | -45.95          | -13              | -32.95                  | -67.38                  | -53.2                    | 2.45                       | 9.70                        | H                     |
|                                                 | 6927                 | -39.00          | -13              | -26.00                  | -67.61                  | -47.1                    | 2.61                       | 10.71                       | H                     |
|                                                 | 3462                 | -43.06          | -13              | -30.06                  | -61.09                  | -49.3                    | 1.59                       | 7.83                        | V                     |
|                                                 | 5195                 | -44.95          | -13              | -31.95                  | -66.31                  | -52.2                    | 2.45                       | 9.70                        | V                     |
|                                                 | 6927                 | -39.30          | -13              | -26.30                  | -67.02                  | -47.4                    | 2.61                       | 10.71                       | V                     |
| Highest                                         | 3507                 | -47.60          | -13              | -34.60                  | -64.68                  | -54                      | 1.61                       | 8.01                        | H                     |
|                                                 | 5261                 | -46.59          | -13              | -33.59                  | -68.24                  | -53.8                    | 2.49                       | 9.70                        | H                     |
|                                                 | 7014                 | -38.56          | -13              | -25.56                  | -67.45                  | -46.8                    | 2.59                       | 10.83                       | H                     |
|                                                 | 3504                 | -44.00          | -13              | -31.00                  | -62.39                  | -50.4                    | 1.61                       | 8.00                        | V                     |
|                                                 | 5261                 | -46.39          | -13              | -33.39                  | -67.78                  | -53.6                    | 2.49                       | 9.70                        | V                     |
|                                                 | 7014                 | -39.66          | -13              | -26.66                  | -67.78                  | -47.9                    | 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                 | -45.43          | -13              | -32.43                  | -62.12                  | -51.5                    | 1.58                       | 7.65                        | H                     |
|                                               | 5128                 | -43.51          | -13              | -30.51                  | -64.53                  | -50.8                    | 2.41                       | 9.70                        | H                     |
|                                               | 6840                 | -39.43          | -13              | -26.43                  | -67.61                  | -47.4                    | 2.64                       | 10.61                       | H                     |
|                                               | 3420                 | -42.43          | -13              | -29.43                  | -61.04                  | -48.5                    | 1.58                       | 7.65                        | V                     |
|                                               | 5130                 | -45.91          | -13              | -32.91                  | -66.82                  | -53.2                    | 2.41                       | 9.70                        | V                     |
|                                               | 6840                 | -39.73          | -13              | -26.73                  | -67.13                  | -47.7                    | 2.64                       | 10.61                       | V                     |
| Middle                                        | 3462                 | -46.56          | -13              | -33.56                  | -63.27                  | -52.8                    | 1.59                       | 7.83                        | H                     |
|                                               | 5191                 | -43.25          | -13              | -30.25                  | -64.57                  | -50.5                    | 2.45                       | 9.70                        | H                     |
|                                               | 6924                 | -39.71          | -13              | -26.71                  | -67.77                  | -47.8                    | 2.62                       | 10.71                       | H                     |
|                                               | 3462                 | -42.36          | -13              | -29.36                  | -60.9                   | -48.6                    | 1.59                       | 7.83                        | V                     |
|                                               | 5191                 | -45.15          | -13              | -32.15                  | -66.3                   | -52.4                    | 2.45                       | 9.70                        | V                     |
|                                               | 6924                 | -40.01          | -13              | -27.01                  | -67.38                  | -48.1                    | 2.62                       | 10.71                       | V                     |
| Highest                                       | 3504                 | -46.50          | -13              | -33.50                  | -63.81                  | -52.9                    | 1.61                       | 8.00                        | H                     |
|                                               | 5256                 | -43.58          | -13              | -30.58                  | -65.32                  | -50.8                    | 2.48                       | 9.70                        | H                     |
|                                               | 7008                 | -38.07          | -13              | -25.07                  | -67.15                  | -46.3                    | 2.59                       | 10.82                       | H                     |
|                                               | 3504                 | -44.00          | -13              | -31.00                  | -62.6                   | -50.4                    | 1.61                       | 8.00                        | V                     |
|                                               | 5256                 | -46.38          | -13              | -33.38                  | -62.93                  | -53.6                    | 2.48                       | 9.70                        | V                     |
|                                               | 7008                 | -39.97          | -13              | -26.97                  | -67.79                  | -48.2                    | 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                 | -45.43          | -13              | -32.43                  | -62.26                  | -51.5                    | 1.58                       | 7.65                        | H                     |
|                                               | 5128                 | -44.11          | -13              | -31.11                  | -65.25                  | -51.4                    | 2.41                       | 9.70                        | H                     |
|                                               | 6840                 | -38.63          | -13              | -25.63                  | -67.07                  | -46.6                    | 2.64                       | 10.61                       | H                     |
|                                               | 3420                 | -43.53          | -13              | -30.53                  | -61.84                  | -49.6                    | 1.58                       | 7.65                        | V                     |
|                                               | 5130                 | -46.91          | -13              | -33.91                  | -67.71                  | -54.2                    | 2.41                       | 9.70                        | V                     |
|                                               | 6840                 | -40.53          | -13              | -27.53                  | -67.78                  | -48.5                    | 2.64                       | 10.61                       | V                     |
| Middle                                        | 3462                 | -46.86          | -13              | -33.86                  | -63.87                  | -53.1                    | 1.59                       | 7.83                        | H                     |
|                                               | 5190                 | -46.55          | -13              | -33.55                  | -68.1                   | -53.8                    | 2.45                       | 9.70                        | H                     |
|                                               | 6920                 | -38.41          | -13              | -25.41                  | -67.34                  | -46.5                    | 2.62                       | 10.70                       | H                     |
|                                               | 3462                 | -43.96          | -13              | -30.96                  | -62.15                  | -50.2                    | 1.59                       | 7.83                        | V                     |
|                                               | 5190                 | -45.65          | -13              | -32.65                  | -67.13                  | -52.9                    | 2.45                       | 9.70                        | V                     |
|                                               | 6920                 | -39.11          | -13              | -26.11                  | -66.94                  | -47.2                    | 2.62                       | 10.70                       | V                     |
| Highest                                       | 3497                 | -45.82          | -13              | -32.82                  | -62.96                  | -52.2                    | 1.60                       | 7.99                        | H                     |
|                                               | 5250                 | -45.58          | -13              | -32.58                  | -66.94                  | -52.8                    | 2.48                       | 9.70                        | H                     |
|                                               | 7000                 | -37.59          | -13              | -24.59                  | -66.55                  | -45.8                    | 2.59                       | 10.80                       | H                     |
|                                               | 3497                 | -45.12          | -13              | -32.12                  | -63.05                  | -51.5                    | 1.60                       | 7.99                        | V                     |
|                                               | 5250                 | -45.58          | -13              | -32.58                  | -67.2                   | -52.8                    | 2.48                       | 9.70                        | V                     |
|                                               | 7000                 | -37.99          | -13              | -24.99                  | -66.06                  | -46.2                    | 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                 | -47.14          | -13              | -34.14                  | -63.12                  | -53.21                   | 1.58                       | 7.65                        | H                     |
|                                                | 5130                 | -46.00          | -13              | -33.00                  | -66.89                  | -53.29                   | 2.41                       | 9.70                        | H                     |
|                                                | 6840                 | -38.34          | -13              | -25.34                  | -66.51                  | -46.31                   | 2.64                       | 10.61                       | H                     |
|                                                | 3420                 | -42.94          | -13              | -29.94                  | -60.18                  | -49.01                   | 1.58                       | 7.65                        | V                     |
|                                                | 5130                 | -45.46          | -13              | -32.46                  | -66.59                  | -52.75                   | 2.41                       | 9.70                        | V                     |
|                                                | 6840                 | -38.34          | -13              | -25.34                  | -66.11                  | -46.31                   | 2.64                       | 10.61                       | V                     |
| Middle                                         | 3455                 | -46.80          | -13              | -33.80                  | -62.83                  | -53.01                   | 1.59                       | 7.80                        | H                     |
|                                                | 5182.5               | -46.03          | -13              | -33.03                  | -66.96                  | -53.29                   | 2.44                       | 9.70                        | H                     |
|                                                | 6910                 | -39.02          | -13              | -26.02                  | -66.77                  | -47.09                   | 2.62                       | 10.69                       | H                     |
|                                                | 3455                 | -45.00          | -13              | -32.00                  | -62.42                  | -51.21                   | 1.59                       | 7.80                        | V                     |
|                                                | 5182.5               | -46.51          | -13              | -33.51                  | -67.33                  | -53.77                   | 2.44                       | 9.70                        | V                     |
|                                                | 6910                 | -40.36          | -13              | -27.36                  | -67.63                  | -48.43                   | 2.62                       | 10.69                       | V                     |
| Highest                                        | 3490                 | -45.75          | -13              | -32.75                  | -62.65                  | -52.1                    | 1.60                       | 7.96                        | H                     |
|                                                | 5235                 | -45.87          | -13              | -32.87                  | -66.95                  | -53.1                    | 2.47                       | 9.70                        | H                     |
|                                                | 6980                 | -37.12          | -13              | -24.12                  | -66.33                  | -45.3                    | 2.60                       | 10.78                       | H                     |
|                                                | 3490                 | -42.55          | -13              | -29.55                  | -60.9                   | -48.9                    | 1.60                       | 7.96                        | V                     |
|                                                | 5235                 | -46.27          | -13              | -33.27                  | -67.59                  | -53.5                    | 2.47                       | 9.70                        | V                     |
|                                                | 6980                 | -38.42          | -13              | -25.42                  | -66.69                  | -46.6                    | 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                 | -45.43          | -13              | -32.43                  | -62.19                  | -51.5                    | 1.58                       | 7.65                        | H                     |
|                                                | 5130                 | -46.21          | -13              | -33.21                  | -67.63                  | -53.5                    | 2.41                       | 9.70                        | H                     |
|                                                | 6840                 | -37.73          | -13              | -24.73                  | -66.15                  | -45.7                    | 2.64                       | 10.61                       | H                     |
|                                                | 3420                 | -43.33          | -13              | -30.33                  | -61.45                  | -49.4                    | 1.58                       | 7.65                        | V                     |
|                                                | 5130                 | -45.81          | -13              | -32.81                  | -66.76                  | -53.1                    | 2.41                       | 9.70                        | V                     |
|                                                | 6840                 | -38.83          | -13              | -25.83                  | -66.42                  | -46.8                    | 2.64                       | 10.61                       | V                     |
| Middle                                         | 3448                 | -47.02          | -13              | -34.02                  | -63.72                  | -53.2                    | 1.59                       | 7.77                        | H                     |
|                                                | 5175                 | -46.64          | -13              | -33.64                  | -67.65                  | -53.9                    | 2.44                       | 9.70                        | H                     |
|                                                | 6900                 | -39.04          | -13              | -26.04                  | -67.49                  | -47.1                    | 2.62                       | 10.68                       | H                     |
|                                                | 3448                 | -44.02          | -13              | -31.02                  | -62.21                  | -50.2                    | 1.59                       | 7.77                        | V                     |
|                                                | 5175                 | -45.84          | -13              | -32.84                  | -67.17                  | -53.1                    | 2.44                       | 9.70                        | V                     |
|                                                | 6900                 | -40.14          | -13              | -27.14                  | -67.82                  | -48.2                    | 2.62                       | 10.68                       | V                     |
| Highest                                        | 3483                 | -44.37          | -13              | -31.37                  | -61.37                  | -50.7                    | 1.60                       | 7.93                        | H                     |
|                                                | 5220                 | -46.16          | -13              | -33.16                  | -67.33                  | -53.4                    | 2.46                       | 9.70                        | H                     |
|                                                | 6960                 | -38.35          | -13              | -25.35                  | -67.01                  | -46.5                    | 2.60                       | 10.75                       | H                     |
|                                                | 3483                 | -43.27          | -13              | -30.27                  | -61.49                  | -49.6                    | 1.60                       | 7.93                        | V                     |
|                                                | 5220                 | -45.96          | -13              | -32.96                  | -67.28                  | -53.2                    | 2.46                       | 9.70                        | V                     |
|                                                | 6960                 | -38.45          | -13              | -25.45                  | -66.2                   | -46.6                    | 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                 | -45.13          | -13              | -32.13                  | -62.09                  | -51.2                    | 1.58                       | 7.65                        | H                     |
|                                                | 5130                 | -46.51          | -13              | -33.51                  | -67.3                   | -53.8                    | 2.41                       | 9.70                        | H                     |
|                                                | 6840                 | -38.83          | -13              | -25.83                  | -66.9                   | -46.8                    | 2.64                       | 10.61                       | H                     |
|                                                | 3420                 | -43.23          | -13              | -30.23                  | -61.06                  | -49.3                    | 1.58                       | 7.65                        | V                     |
|                                                | 5130                 | -46.61          | -13              | -33.61                  | -67.71                  | -53.9                    | 2.41                       | 9.70                        | V                     |
|                                                | 6840                 | -37.83          | -13              | -24.83                  | -65.19                  | -45.8                    | 2.64                       | 10.61                       | V                     |
| Middle                                         | 3448                 | -46.92          | -13              | -33.92                  | -63.61                  | -53.1                    | 1.59                       | 7.77                        | H                     |
|                                                | 5168                 | -46.93          | -13              | -33.93                  | -67.96                  | -54.2                    | 2.43                       | 9.70                        | H                     |
|                                                | 6890                 | -39.26          | -13              | -26.26                  | -67.42                  | -47.3                    | 2.63                       | 10.67                       | H                     |
|                                                | 3448                 | -43.92          | -13              | -30.92                  | -62.01                  | -50.1                    | 1.59                       | 7.77                        | V                     |
|                                                | 5168                 | -46.43          | -13              | -33.43                  | -67.44                  | -53.7                    | 2.43                       | 9.70                        | V                     |
|                                                | 6890                 | -40.16          | -13              | -27.16                  | -67.39                  | -48.2                    | 2.63                       | 10.67                       | V                     |
| Highest                                        | 3469                 | -44.98          | -13              | -31.98                  | -61.73                  | -51.25                   | 1.59                       | 7.86                        | H                     |
|                                                | 5205                 | -46.86          | -13              | -33.86                  | -67.91                  | -54.1                    | 2.46                       | 9.70                        | H                     |
|                                                | 6940                 | -38.98          | -13              | -25.98                  | -67.53                  | -47.1                    | 2.61                       | 10.73                       | H                     |
|                                                | 3469                 | -42.93          | -13              | -29.93                  | -60.96                  | -49.2                    | 1.59                       | 7.86                        | V                     |
|                                                | 5205                 | -45.86          | -13              | -32.86                  | -66.89                  | -53.1                    | 2.46                       | 9.70                        | V                     |
|                                                | 6940                 | -39.98          | -13              | -26.98                  | -67.39                  | -48.1                    | 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 ) | 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                                          | 1648                 | -53.43          | -13              | -40.43                  | -64.44                  | -55.19                   | 0.98                       | 4.89                        | H                     |
|                                                 | 2472                 | -50.09          | -13              | -37.09                  | -65.66                  | -51.97                   | 1.28                       | 5.32                        | H                     |
|                                                 | 3296                 | -50.02          | -13              | -37.02                  | -65.94                  | -53.43                   | 1.54                       | 7.10                        | H                     |
|                                                 | 1648                 | -50.83          | -13              | -37.83                  | -64.07                  | -52.59                   | 0.98                       | 4.89                        | V                     |
|                                                 | 2472                 | -47.89          | -13              | -34.89                  | -63.91                  | -49.77                   | 1.28                       | 5.32                        | V                     |
|                                                 | 3296                 | -48.15          | -13              | -35.15                  | -65.67                  | -51.56                   | 1.54                       | 7.10                        | V                     |
| Middle                                          | 1672                 | -54.36          | -13              | -41.36                  | -65.46                  | -56.04                   | 0.99                       | 4.82                        | H                     |
|                                                 | 2504                 | -49.89          | -13              | -36.89                  | -65.22                  | -51.85                   | 1.29                       | 5.40                        | H                     |
|                                                 | 3344                 | -49.66          | -13              | -36.66                  | -65.72                  | -53.27                   | 1.56                       | 7.31                        | H                     |
|                                                 | 1672                 | -52.01          | -13              | -39.01                  | -64.79                  | -53.69                   | 0.99                       | 4.82                        | V                     |
|                                                 | 2504                 | -49.40          | -13              | -36.40                  | -65.43                  | -51.36                   | 1.29                       | 5.40                        | V                     |
|                                                 | 3344                 | -47.18          | -13              | -34.18                  | -64.83                  | -50.79                   | 1.56                       | 7.31                        | V                     |
| Highest                                         | 1696                 | -53.85          | -13              | -40.85                  | -64.96                  | -55.45                   | 1.00                       | 4.75                        | H                     |
|                                                 | 2544                 | -49.77          | -13              | -36.77                  | -65.55                  | -51.75                   | 1.30                       | 5.44                        | H                     |
|                                                 | 3392                 | -49.38          | -13              | -36.38                  | -65.86                  | -53.18                   | 1.57                       | 7.52                        | H                     |
|                                                 | 1696                 | -51.85          | -13              | -38.85                  | -65.21                  | -53.45                   | 1.00                       | 4.75                        | V                     |
|                                                 | 2544                 | -49.87          | -13              | -36.87                  | -65.69                  | -51.85                   | 1.30                       | 5.44                        | V                     |
|                                                 | 3392                 | -45.40          | -13              | -32.40                  | -63.27                  | -49.2                    | 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                 | -52.91         | -13              | -39.91                  | -64.12                  | -54.67                   | 0.98                       | 4.89                        | H                     |
|                                               | 2472                 | -49.97         | -13              | -36.97                  | -65.6                   | -51.85                   | 1.28                       | 5.32                        | H                     |
|                                               | 3296                 | -50.80         | -13              | -37.80                  | -66.47                  | -54.21                   | 1.54                       | 7.10                        | H                     |
|                                               | 1648                 | -51.60         | -13              | -38.60                  | -64.61                  | -53.36                   | 0.98                       | 4.89                        | V                     |
|                                               | 2472                 | -49.86         | -13              | -36.86                  | -65.38                  | -51.74                   | 1.28                       | 5.32                        | V                     |
|                                               | 3296                 | -48.71         | -13              | -35.71                  | -66.12                  | -52.12                   | 1.54                       | 7.10                        | V                     |
| Middle                                        | 1670                 | -54.04         | -13              | -41.04                  | -65.26                  | -55.73                   | 0.99                       | 4.82                        | H                     |
|                                               | 2504                 | -50.22         | -13              | -37.22                  | -65.85                  | -52.18                   | 1.29                       | 5.40                        | H                     |
|                                               | 3336                 | -50.71         | -13              | -37.71                  | -66.65                  | -54.29                   | 1.55                       | 7.28                        | H                     |
|                                               | 1672                 | -51.59         | -13              | -38.59                  | -65.21                  | -53.27                   | 0.99                       | 4.82                        | V                     |
|                                               | 2504                 | -48.79         | -13              | -35.79                  | -64.84                  | -50.75                   | 1.29                       | 5.40                        | V                     |
|                                               | 3336                 | -48.06         | -13              | -35.06                  | -66                     | -51.64                   | 1.55                       | 7.28                        | V                     |
| Highest                                       | 1688                 | -53.58         | -13              | -40.58                  | -64.52                  | -55.21                   | 1.00                       | 4.77                        | H                     |
|                                               | 2544                 | -50.54         | -13              | -37.54                  | -66.32                  | -52.52                   | 1.30                       | 5.44                        | H                     |
|                                               | 3384                 | -50.59         | -13              | -37.59                  | -66.86                  | -54.36                   | 1.57                       | 7.49                        | H                     |
|                                               | 1688                 | -50.82         | -13              | -37.82                  | -64.45                  | -52.45                   | 1.00                       | 4.77                        | V                     |
|                                               | 2544                 | -49.98         | -13              | -36.98                  | -66.24                  | -51.96                   | 1.30                       | 5.44                        | V                     |
|                                               | 3384                 | -48.40         | -13              | -35.40                  | -66.02                  | -52.17                   | 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                 | -53.19         | -13              | -40.19                  | -64                     | -54.95                   | 0.98                       | 4.89                        | H                     |
|                                               | 2472                 | -48.51         | -13              | -35.51                  | -64.03                  | -50.39                   | 1.28                       | 5.32                        | H                     |
|                                               | 3296                 | -50.77         | -13              | -37.77                  | -66.61                  | -54.18                   | 1.54                       | 7.10                        | H                     |
|                                               | 1648                 | -51.66         | -13              | -38.66                  | -64.48                  | -53.42                   | 0.98                       | 4.89                        | V                     |
|                                               | 2472                 | -49.97         | -13              | -36.97                  | -65.93                  | -51.85                   | 1.28                       | 5.32                        | V                     |
|                                               | 3296                 | -47.81         | -13              | -34.81                  | -65.26                  | -51.22                   | 1.54                       | 7.10                        | V                     |
| Middle                                        | 1672                 | -54.17         | -13              | -41.17                  | -65.17                  | -55.85                   | 0.99                       | 4.82                        | H                     |
|                                               | 2504                 | -49.83         | -13              | -36.83                  | -65.43                  | -51.79                   | 1.29                       | 5.40                        | H                     |
|                                               | 3336                 | -49.19         | -13              | -36.19                  | -65.14                  | -52.77                   | 1.55                       | 7.28                        | H                     |
|                                               | 1672                 | -52.06         | -13              | -39.06                  | -65.28                  | -53.74                   | 0.99                       | 4.82                        | V                     |
|                                               | 2504                 | -49.49         | -13              | -36.49                  | -65.26                  | -51.45                   | 1.29                       | 5.40                        | V                     |
|                                               | 3336                 | -46.24         | -13              | -33.24                  | -63.54                  | -49.82                   | 1.55                       | 7.28                        | V                     |
| Highest                                       | 1688                 | -54.11         | -13              | -41.11                  | -65.25                  | -55.74                   | 1.00                       | 4.77                        | H                     |
|                                               | 2536                 | -48.94         | -13              | -35.94                  | -64.66                  | -50.92                   | 1.30                       | 5.43                        | H                     |
|                                               | 3376                 | -49.71         | -13              | -36.71                  | -66.18                  | -53.45                   | 1.57                       | 7.45                        | H                     |
|                                               | 1688                 | -51.66         | -13              | -38.66                  | -64.85                  | -53.29                   | 1.00                       | 4.77                        | V                     |
|                                               | 2536                 | -48.19         | -13              | -35.19                  | -65.28                  | -50.17                   | 1.30                       | 5.43                        | V                     |
|                                               | 3376                 | -48.83         | -13              | -35.83                  | -66.21                  | -52.57                   | 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                 | -53.45         | -13              | -40.45                  | -64.46                  | -55.21                   | 0.98                       | 4.89                        | H                     |
|                                                | 2472                 | -50.01         | -13              | -37.01                  | -65.64                  | -51.89                   | 1.28                       | 5.32                        | H                     |
|                                                | 3296                 | -49.81         | -13              | -36.81                  | -66.24                  | -53.22                   | 1.54                       | 7.10                        | H                     |
|                                                | 1648                 | -50.09         | -13              | -37.09                  | -63.3                   | -51.85                   | 0.98                       | 4.89                        | V                     |
|                                                | 2472                 | -50.03         | -13              | -37.03                  | -66.05                  | -51.91                   | 1.28                       | 5.32                        | V                     |
|                                                | 3296                 | -48.26         | -13              | -35.26                  | -65.62                  | -51.67                   | 1.54                       | 7.10                        | V                     |
| Middle                                         | 1664                 | -54.14         | -13              | -41.14                  | -64.99                  | -55.85                   | 0.98                       | 4.84                        | H                     |
|                                                | 2496                 | -49.69         | -13              | -36.69                  | -65.44                  | -51.64                   | 1.29                       | 5.39                        | H                     |
|                                                | 3328                 | -50.17         | -13              | -37.17                  | -66.15                  | -53.71                   | 1.55                       | 7.24                        | H                     |
|                                                | 1664                 | -51.76         | -13              | -38.76                  | -65.08                  | -53.47                   | 0.98                       | 4.84                        | V                     |
|                                                | 2496                 | -49.47         | -13              | -36.47                  | -65.12                  | -51.42                   | 1.29                       | 5.39                        | V                     |
|                                                | 3328                 | -46.67         | -13              | -33.67                  | -64.18                  | -50.21                   | 1.55                       | 7.24                        | V                     |
| Highest                                        | 1680                 | -54.30         | -13              | -41.30                  | -65.32                  | -55.95                   | 0.99                       | 4.80                        | H                     |
|                                                | 2520                 | -49.55         | -13              | -36.55                  | -65.07                  | -51.52                   | 1.30                       | 5.42                        | H                     |
|                                                | 3360                 | -50.07         | -13              | -37.07                  | -66                     | -53.74                   | 1.56                       | 7.38                        | H                     |
|                                                | 1680                 | -52.09         | -13              | -39.09                  | -65.24                  | -53.74                   | 0.99                       | 4.80                        | V                     |
|                                                | 2520                 | -49.88         | -13              | -36.88                  | -65.73                  | -51.85                   | 1.30                       | 5.42                        | V                     |
|                                                | 3360                 | -48.81         | -13              | -35.81                  | -66.22                  | -52.48                   | 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 ) | 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                                        | 5004                 | -43.77         | -25              | -18.77                  | -63.72                  | -51.13                   | 2.34                       | 9.70                        | H                     |
|                                               | 7500                 | -38.80         | -25              | -13.80                  | -68.13                  | -48.17                   | 2.43                       | 11.80                       | H                     |
|                                               | 10000                | -37.25         | -25              | -12.25                  | -68.01                  | -46.75                   | 2.70                       | 12.20                       | H                     |
|                                               | 5004                 | -46.90         | -25              | -21.90                  | -66.56                  | -54.26                   | 2.34                       | 9.70                        | V                     |
|                                               | 7500                 | -38.67         | -25              | -13.67                  | -67.87                  | -48.04                   | 2.43                       | 11.80                       | V                     |
|                                               | 10000                | -38.62         | -25              | -13.62                  | -68.38                  | -48.12                   | 2.70                       | 12.20                       | V                     |
| Middle                                        | 5064                 | -47.00         | -25              | -22.00                  | -67.48                  | -54.33                   | 2.37                       | 9.70                        | H                     |
|                                               | 7597.5               | -40.00         | -25              | -15.00                  | -68.24                  | -49.46                   | 2.40                       | 11.86                       | H                     |
|                                               | 10130                | -36.91         | -25              | -11.91                  | -68.24                  | -46.47                   | 2.70                       | 12.25                       | H                     |
|                                               | 5064                 | -46.31         | -25              | -21.31                  | -66.41                  | -53.64                   | 2.37                       | 9.70                        | V                     |
|                                               | 7597.5               | -39.75         | -25              | -14.75                  | -68.14                  | -49.21                   | 2.40                       | 11.86                       | V                     |
|                                               | 10130                | -38.70         | -25              | -13.70                  | -68.47                  | -48.26                   | 2.70                       | 12.25                       | V                     |
| Highest                                       | 5130                 | -41.96         | -25              | -16.96                  | -62.42                  | -49.25                   | 2.41                       | 9.70                        | H                     |
|                                               | 7695                 | -39.60         | -25              | -14.60                  | -67.66                  | -49.15                   | 2.37                       | 11.92                       | H                     |
|                                               | 10260                | -35.70         | -25              | -10.70                  | -66.56                  | -45.31                   | 2.69                       | 12.30                       | H                     |
|                                               | 5130                 | -46.60         | -25              | -21.60                  | -67.38                  | -53.89                   | 2.41                       | 9.70                        | V                     |
|                                               | 7695                 | -39.60         | -25              | -14.60                  | -67.76                  | -49.15                   | 2.37                       | 11.92                       | V                     |
|                                               | 10260                | -37.72         | -25              | -12.72                  | -68.15                  | -47.33                   | 2.69                       | 12.30                       | 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                                         | 5000                 | -45.74          | -25              | -20.74                  | -66.08                  | -53.1                    | 2.34                       | 9.70                        | H                     |
|                                                | 7500                 | -37.53          | -25              | -12.53                  | -67.36                  | -46.9                    | 2.43                       | 11.80                       | H                     |
|                                                | 10002                | -36.30          | -25              | -11.30                  | -67.3                   | -45.8                    | 2.70                       | 12.20                       | H                     |
|                                                | 4998                 | -46.04          | -25              | -21.04                  | -66.53                  | -53.4                    | 2.34                       | 9.70                        | V                     |
|                                                | 7500                 | -37.73          | -25              | -12.73                  | -67.33                  | -47.1                    | 2.43                       | 11.80                       | V                     |
|                                                | 10002                | -37.60          | -25              | -12.60                  | -67.7                   | -47.1                    | 2.70                       | 12.20                       | V                     |
| Middle                                         | 5058                 | -43.47          | -25              | -18.47                  | -64.19                  | -50.8                    | 2.37                       | 9.70                        | H                     |
|                                                | 7590                 | -38.65          | -25              | -13.65                  | -67.44                  | -48.1                    | 2.40                       | 11.85                       | H                     |
|                                                | 10122                | -36.25          | -25              | -11.25                  | -67.95                  | -45.8                    | 2.70                       | 12.25                       | H                     |
|                                                | 5058                 | -46.37          | -25              | -21.37                  | -67.23                  | -53.7                    | 2.37                       | 9.70                        | V                     |
|                                                | 7590                 | -39.05          | -25              | -14.05                  | -67.95                  | -48.5                    | 2.40                       | 11.85                       | V                     |
|                                                | 10122                | -37.95          | -25              | -12.95                  | -68.19                  | -47.5                    | 2.70                       | 12.25                       | V                     |
| Highest                                        | 5118                 | -40.50          | -25              | -15.50                  | -61.7                   | -47.8                    | 2.40                       | 9.70                        | H                     |
|                                                | 7680                 | -38.66          | -25              | -13.66                  | -67.4                   | -48.2                    | 2.37                       | 11.91                       | H                     |
|                                                | 10242                | -36.50          | -25              | -11.50                  | -68.11                  | -46.1                    | 2.69                       | 12.30                       | H                     |
|                                                | 5118                 | -45.10          | -25              | -20.10                  | -66.81                  | -52.4                    | 2.40                       | 9.70                        | V                     |
|                                                | 7680                 | -37.76          | -25              | -12.76                  | -67.28                  | -47.3                    | 2.37                       | 11.91                       | V                     |
|                                                | 10242                | -36.90          | -25              | -11.90                  | -66.95                  | -46.5                    | 2.69                       | 12.30                       | 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                 | -44.80          | -25              | -19.80                  | -64.59                  | -52.16                   | 2.34                       | 9.70                        | H                     |
|                                                | 7500                 | -37.75          | -25              | -12.75                  | -67.58                  | -47.12                   | 2.43                       | 11.80                       | H                     |
|                                                | 10000                | -36.65          | -25              | -11.65                  | -67.65                  | -46.15                   | 2.70                       | 12.20                       | H                     |
|                                                | 5000                 | -45.80          | -25              | -20.80                  | -66.14                  | -53.16                   | 2.34                       | 9.70                        | V                     |
|                                                | 7500                 | -37.82          | -25              | -12.82                  | -67.41                  | -47.19                   | 2.43                       | 11.80                       | V                     |
|                                                | 10000                | -37.96          | -25              | -12.96                  | -68.13                  | -47.46                   | 2.70                       | 12.20                       | V                     |
| Middle                                         | 5055                 | -43.70          | -25              | -18.70                  | -63.93                  | -51.03                   | 2.37                       | 9.70                        | H                     |
|                                                | 7582.5               | -38.70          | -25              | -13.70                  | -67.91                  | -48.15                   | 2.40                       | 11.85                       | H                     |
|                                                | 10110                | -36.72          | -25              | -11.72                  | -68.24                  | -46.27                   | 2.70                       | 12.24                       | H                     |
|                                                | 5055                 | -46.70          | -25              | -21.70                  | -67.14                  | -54.03                   | 2.37                       | 9.70                        | V                     |
|                                                | 7582.5               | -39.68          | -25              | -14.68                  | -68.29                  | -49.13                   | 2.40                       | 11.85                       | V                     |
|                                                | 10110                | -37.69          | -25              | -12.69                  | -67.76                  | -47.24                   | 2.70                       | 12.24                       | V                     |
| Highest                                        | 5110                 | -41.83          | -25              | -16.83                  | -62.32                  | -49.13                   | 2.40                       | 9.70                        | H                     |
|                                                | 7665                 | -38.73          | -25              | -13.73                  | -66.75                  | -48.25                   | 2.38                       | 11.90                       | H                     |
|                                                | 10220                | -36.60          | -25              | -11.60                  | -68.23                  | -46.19                   | 2.69                       | 12.29                       | H                     |
|                                                | 5110                 | -46.92          | -25              | -21.92                  | -67.2                   | -54.22                   | 2.40                       | 9.70                        | V                     |
|                                                | 7665                 | -39.40          | -25              | -14.40                  | -67.46                  | -48.92                   | 2.38                       | 11.90                       | V                     |
|                                                | 10220                | -37.86          | -25              | -12.86                  | -67.96                  | -47.45                   | 2.69                       | 12.29                       | 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                 | -45.82          | -25              | -20.82                  | -65.79                  | -53.18                   | 2.34                       | 9.70                        | H                     |
|                                                | 7500                 | -39.00          | -25              | -14.00                  | -68.35                  | -48.37                   | 2.43                       | 11.80                       | H                     |
|                                                | 10000                | -37.31          | -25              | -12.31                  | -68.11                  | -46.81                   | 2.70                       | 12.20                       | H                     |
|                                                | 5000                 | -46.91          | -25              | -21.91                  | -67.01                  | -54.27                   | 2.34                       | 9.70                        | V                     |
|                                                | 7500                 | -39.00          | -25              | -14.00                  | -68.18                  | -48.37                   | 2.43                       | 11.80                       | V                     |
|                                                | 10000                | -38.11          | -25              | -13.11                  | -68.24                  | -47.61                   | 2.70                       | 12.20                       | V                     |
| Middle                                         | 5050                 | -45.29          | -25              | -20.29                  | -65.19                  | -52.62                   | 2.37                       | 9.70                        | H                     |
|                                                | 7575                 | -39.98          | -25              | -14.98                  | -68.79                  | -49.42                   | 2.41                       | 11.85                       | H                     |
|                                                | 10100                | -37.07          | -25              | -12.07                  | -68.15                  | -46.61                   | 2.70                       | 12.24                       | H                     |
|                                                | 5050                 | -47.26          | -25              | -22.26                  | -67.29                  | -54.59                   | 2.37                       | 9.70                        | V                     |
|                                                | 7575                 | -40.06          | -25              | -15.06                  | -68.67                  | -49.5                    | 2.41                       | 11.85                       | V                     |
|                                                | 10100                | -36.72          | -25              | -11.72                  | -66.9                   | -46.26                   | 2.70                       | 12.24                       | V                     |
| Highest                                        | 5100                 | -42.90          | -25              | -17.90                  | -63.15                  | -50.21                   | 2.39                       | 9.70                        | H                     |
|                                                | 7650                 | -38.77          | -25              | -13.77                  | -67.27                  | -48.28                   | 2.38                       | 11.89                       | H                     |
|                                                | 10200                | -36.81          | -25              | -11.81                  | -68.24                  | -46.39                   | 2.70                       | 12.28                       | H                     |
|                                                | 5100                 | -46.84          | -25              | -21.84                  | -67.06                  | -54.15                   | 2.39                       | 9.70                        | V                     |
|                                                | 7650                 | -39.83          | -25              | -14.83                  | -67.66                  | -49.34                   | 2.38                       | 11.89                       | V                     |
|                                                | 10200                | -38.06          | -25              | -13.06                  | -68.13                  | -47.64                   | 2.70                       | 12.28                       | V                     |

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



| LTE Band 38 / 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                                         | 5136                 | -48.21          | -25              | -23.21                  | -69.11                  | -55.49                   | 2.42                       | 9.70                        | H                     |
|                                                | 7704                 | -40.11          | -25              | -15.11                  | -68.64                  | -49.67                   | 2.36                       | 11.92                       | H                     |
|                                                | 10284                | -36.50          | -25              | -11.50                  | -68.08                  | -46.12                   | 2.69                       | 12.31                       | H                     |
|                                                | 5136                 | -47.53          | -25              | -22.53                  | -68.56                  | -54.81                   | 2.42                       | 9.70                        | V                     |
|                                                | 7704                 | -39.84          | -25              | -14.84                  | -68.03                  | -49.4                    | 2.36                       | 11.92                       | V                     |
|                                                | 10284                | -38.61          | -25              | -13.61                  | -69.15                  | -48.23                   | 2.69                       | 12.31                       | V                     |
| Middle                                         | 5184                 | -47.36          | -25              | -22.36                  | -68.52                  | -54.62                   | 2.44                       | 9.70                        | H                     |
|                                                | 7776                 | -39.48          | -25              | -14.48                  | -67.34                  | -49.11                   | 2.34                       | 11.97                       | H                     |
|                                                | 10374                | -36.59          | -25              | -11.59                  | -68.3                   | -46.25                   | 2.69                       | 12.35                       | H                     |
|                                                | 5184                 | -46.93          | -25              | -21.93                  | -68.21                  | -54.19                   | 2.44                       | 9.70                        | V                     |
|                                                | 7776                 | -41.39          | -25              | -16.39                  | -69.04                  | -51.02                   | 2.34                       | 11.97                       | V                     |
|                                                | 10374                | -37.91          | -25              | -12.91                  | -68.66                  | -47.57                   | 2.69                       | 12.35                       | V                     |
| Highest                                        | 5232                 | -46.07          | -25              | -21.07                  | -67.52                  | -53.3                    | 2.47                       | 9.70                        | H                     |
|                                                | 7848                 | -41.32          | -25              | -16.32                  | -68.56                  | -51.01                   | 2.32                       | 12.01                       | H                     |
|                                                | 10464                | -36.46          | -25              | -11.46                  | -68.31                  | -46.15                   | 2.69                       | 12.39                       | H                     |
|                                                | 5232                 | -46.91          | -25              | -21.91                  | -68.28                  | -54.14                   | 2.47                       | 9.70                        | V                     |
|                                                | 7848                 | -40.80          | -25              | -15.80                  | -67.93                  | -50.49                   | 2.32                       | 12.01                       | V                     |
|                                                | 10464                | -37.54          | -25              | -12.54                  | -68.29                  | -47.23                   | 2.69                       | 12.39                       | V                     |

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





| LTE Band 38 / 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                                          | 5142                 | -47.31          | -25              | -22.31                  | -68.3                   | -54.59                   | 2.42                       | 9.70                        | H                     |
|                                                 | 7710                 | -40.18          | -25              | -15.18                  | -68.58                  | -49.74                   | 2.36                       | 11.93                       | H                     |
|                                                 | 10278                | -36.30          | -25              | -11.30                  | -67.92                  | -45.92                   | 2.69                       | 12.31                       | H                     |
|                                                 | 5142                 | -46.92          | -25              | -21.92                  | -68.03                  | -54.2                    | 2.42                       | 9.70                        | V                     |
|                                                 | 7710                 | -40.32          | -25              | -15.32                  | -68.43                  | -49.88                   | 2.36                       | 11.93                       | V                     |
|                                                 | 10278                | -36.39          | -25              | -11.39                  | -66.95                  | -46.01                   | 2.69                       | 12.31                       | V                     |
| Middle                                          | 5180                 | -46.86          | -25              | -21.86                  | -67.33                  | -54.12                   | 2.44                       | 9.70                        | H                     |
|                                                 | 7770                 | -39.64          | -25              | -14.64                  | -67.37                  | -49.26                   | 2.34                       | 11.96                       | H                     |
|                                                 | 10360                | -37.20          | -25              | -12.20                  | -68.39                  | -46.85                   | 2.69                       | 12.34                       | H                     |
|                                                 | 5180                 | -45.98          | -25              | -20.98                  | -67.06                  | -53.24                   | 2.44                       | 9.70                        | V                     |
|                                                 | 7770                 | -40.05          | -25              | -15.05                  | -67.66                  | -49.67                   | 2.34                       | 11.96                       | V                     |
|                                                 | 10360                | -38.47          | -25              | -13.47                  | -68.27                  | -48.12                   | 2.69                       | 12.34                       | V                     |
| Highest                                         | 5220                 | -47.15          | -25              | -22.15                  | -68.41                  | -54.39                   | 2.46                       | 9.70                        | H                     |
|                                                 | 7830                 | -41.64          | -25              | -16.64                  | -68.97                  | -51.32                   | 2.32                       | 12.00                       | H                     |
|                                                 | 10440                | -36.32          | -25              | -11.32                  | -68.02                  | -46                      | 2.69                       | 12.38                       | H                     |
|                                                 | 5220                 | -45.54          | -25              | -20.54                  | -66.91                  | -52.78                   | 2.46                       | 9.70                        | V                     |
|                                                 | 7830                 | -40.76          | -25              | -15.76                  | -67.98                  | -50.44                   | 2.32                       | 12.00                       | V                     |
|                                                 | 10440                | -37.87          | -25              | -12.87                  | -68.62                  | -47.55                   | 2.69                       | 12.38                       | V                     |

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



| LTE Band 38 / 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                                          | 5136                 | -46.82          | -25              | -21.82                  | -67.79                  | -54.1                    | 2.42                       | 9.70                        | H                     |
|                                                 | 7704                 | -39.29          | -25              | -14.29                  | -67.68                  | -48.85                   | 2.36                       | 11.92                       | H                     |
|                                                 | 10284                | -36.50          | -25              | -11.50                  | -68.07                  | -46.12                   | 2.69                       | 12.31                       | H                     |
|                                                 | 5136                 | -47.15          | -25              | -22.15                  | -68.13                  | -54.43                   | 2.42                       | 9.70                        | V                     |
|                                                 | 7704                 | -39.71          | -25              | -14.71                  | -67.9                   | -49.27                   | 2.36                       | 11.92                       | V                     |
|                                                 | 10284                | -37.69          | -25              | -12.69                  | -68.37                  | -47.31                   | 2.69                       | 12.31                       | V                     |
| Middle                                          | 5172                 | -46.95          | -25              | -21.95                  | -68.1                   | -54.21                   | 2.44                       | 9.70                        | H                     |
|                                                 | 7764                 | -40.36          | -25              | -15.36                  | -68.15                  | -49.97                   | 2.34                       | 11.96                       | H                     |
|                                                 | 10356                | -37.23          | -25              | -12.23                  | -68.82                  | -46.88                   | 2.69                       | 12.34                       | H                     |
|                                                 | 5172                 | -46.48          | -25              | -21.48                  | -67.59                  | -53.74                   | 2.44                       | 9.70                        | V                     |
|                                                 | 7764                 | -40.00          | -25              | -15.00                  | -67.83                  | -49.61                   | 2.34                       | 11.96                       | V                     |
|                                                 | 10356                | -37.62          | -25              | -12.62                  | -68.34                  | -47.27                   | 2.69                       | 12.34                       | V                     |
| Highest                                         | 5212                 | -46.14          | -25              | -21.14                  | -67.45                  | -53.38                   | 2.46                       | 9.70                        | H                     |
|                                                 | 7818                 | -41.32          | -25              | -16.32                  | -68.72                  | -50.98                   | 2.33                       | 11.99                       | H                     |
|                                                 | 10424                | -36.76          | -25              | -11.76                  | -68.61                  | -46.44                   | 2.69                       | 12.37                       | H                     |
|                                                 | 5212                 | -46.94          | -25              | -21.94                  | -68.38                  | -54.18                   | 2.46                       | 9.70                        | V                     |
|                                                 | 7818                 | -40.21          | -25              | -15.21                  | -67.5                   | -49.87                   | 2.33                       | 11.99                       | V                     |
|                                                 | 10424                | -37.73          | -25              | -12.73                  | -68.54                  | -47.41                   | 2.69                       | 12.37                       | V                     |

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



| LTE Band 38 / 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                                          | 5136                 | -47.57          | -25              | -22.57                  | -68.47                  | -54.85                   | 2.42                       | 9.70                        | H                     |
|                                                 | 7716                 | -40.05          | -25              | -15.05                  | -68.33                  | -49.62                   | 2.36                       | 11.93                       | H                     |
|                                                 | 10284                | -36.50          | -25              | -11.50                  | -68.18                  | -46.12                   | 2.69                       | 12.31                       | H                     |
|                                                 | 5136                 | -46.20          | -25              | -21.20                  | -67.23                  | -53.48                   | 2.42                       | 9.70                        | V                     |
|                                                 | 7716                 | -39.46          | -25              | -14.46                  | -67.62                  | -49.03                   | 2.36                       | 11.93                       | V                     |
|                                                 | 10284                | -37.34          | -25              | -12.34                  | -67.84                  | -46.96                   | 2.69                       | 12.31                       | V                     |
| Middle                                          | 5172                 | -47.58          | -25              | -22.58                  | -68.54                  | -54.84                   | 2.44                       | 9.70                        | H                     |
|                                                 | 7752                 | -40.14          | -25              | -15.14                  | -68.18                  | -49.74                   | 2.35                       | 11.95                       | H                     |
|                                                 | 10344                | -36.82          | -25              | -11.82                  | -68.56                  | -46.46                   | 2.69                       | 12.34                       | H                     |
|                                                 | 5172                 | -46.96          | -25              | -21.96                  | -68.13                  | -54.22                   | 2.44                       | 9.70                        | V                     |
|                                                 | 7752                 | -40.40          | -25              | -15.40                  | -68.24                  | -50                      | 2.35                       | 11.95                       | V                     |
|                                                 | 10344                | -37.62          | -25              | -12.62                  | -68.29                  | -47.26                   | 2.69                       | 12.34                       | V                     |
| Highest                                         | 5208                 | -46.52          | -25              | -21.52                  | -67.86                  | -53.76                   | 2.46                       | 9.70                        | H                     |
|                                                 | 7800                 | -41.63          | -25              | -16.63                  | -69.2                   | -51.28                   | 2.33                       | 11.98                       | H                     |
|                                                 | 10404                | -35.88          | -25              | -10.88                  | -67.7                   | -45.55                   | 2.69                       | 12.36                       | H                     |
|                                                 | 5208                 | -46.45          | -25              | -21.45                  | -67.78                  | -53.69                   | 2.46                       | 9.70                        | V                     |
|                                                 | 7800                 | -41.00          | -25              | -16.00                  | -68.55                  | -50.65                   | 2.33                       | 11.98                       | V                     |
|                                                 | 10404                | -37.35          | -25              | -12.35                  | -68                     | -47.02                   | 2.69                       | 12.36                       | V                     |

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



| LTE Band 41 / 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                                         | 4992                 | -46.86          | -25              | -21.86                  | -66.71                  | -54.21                   | 2.33                       | 9.68                        | H                     |
|                                                | 7488                 | -36.97          | -25              | -11.97                  | -67.02                  | -46.31                   | 2.43                       | 11.78                       | H                     |
|                                                | 9984                 | -37.07          | -25              | -12.07                  | -68.06                  | -46.59                   | 2.69                       | 12.21                       | H                     |
|                                                | 4992                 | -46.92          | -25              | -21.92                  | -66.76                  | -54.27                   | 2.33                       | 9.68                        | V                     |
|                                                | 7488                 | -37.75          | -25              | -12.75                  | -66.99                  | -47.09                   | 2.43                       | 11.78                       | V                     |
|                                                | 9984                 | -37.59          | -25              | -12.59                  | -67.24                  | -47.11                   | 2.69                       | 12.21                       | V                     |
| Middle                                         | 5184                 | -46.95          | -25              | -21.95                  | -67.54                  | -54.21                   | 2.44                       | 9.70                        | H                     |
|                                                | 7770                 | -40.00          | -25              | -15.00                  | -67.12                  | -49.62                   | 2.34                       | 11.96                       | H                     |
|                                                | 10362                | -36.17          | -25              | -11.17                  | -67.5                   | -45.82                   | 2.69                       | 12.34                       | H                     |
|                                                | 5184                 | -46.95          | -25              | -21.95                  | -67.27                  | -54.21                   | 2.44                       | 9.70                        | V                     |
|                                                | 7770                 | -39.23          | -25              | -14.23                  | -66.69                  | -48.85                   | 2.34                       | 11.96                       | V                     |
|                                                | 10362                | -37.59          | -25              | -12.59                  | -68.16                  | -47.24                   | 2.69                       | 12.34                       | V                     |
| Highest                                        | 5370                 | -45.16          | -25              | -20.16                  | -66.72                  | -52.31                   | 2.55                       | 9.70                        | H                     |
|                                                | 8055                 | -41.88          | -25              | -16.88                  | -67.97                  | -51.74                   | 2.28                       | 12.14                       | H                     |
|                                                | 10740                | -37.59          | -25              | -12.59                  | -68.66                  | -47.35                   | 2.69                       | 12.45                       | H                     |
|                                                | 5370                 | -45.86          | -25              | -20.86                  | -67.13                  | -53.01                   | 2.55                       | 9.70                        | V                     |
|                                                | 8055                 | -41.61          | -25              | -16.61                  | -67.42                  | -51.47                   | 2.28                       | 12.14                       | V                     |
|                                                | 10740                | -37.32          | -25              | -12.32                  | -68                     | -47.08                   | 2.69                       | 12.45                       | V                     |

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



| LTE Band 41 / 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                                          | 4992                 | -46.96          | -25              | -21.96                  | -67.1                   | -54.31                   | 2.33                       | 9.68                        | H                     |
|                                                 | 7488                 | -38.28          | -25              | -13.28                  | -67.55                  | -47.62                   | 2.43                       | 11.78                       | H                     |
|                                                 | 9984                 | -36.96          | -25              | -11.96                  | -67.34                  | -46.48                   | 2.69                       | 12.21                       | H                     |
|                                                 | 4992                 | -47.07          | -25              | -22.07                  | -66.89                  | -54.42                   | 2.33                       | 9.68                        | V                     |
|                                                 | 7488                 | -37.41          | -25              | -12.41                  | -66.44                  | -46.75                   | 2.43                       | 11.78                       | V                     |
|                                                 | 9984                 | -37.96          | -25              | -12.96                  | -67.53                  | -47.48                   | 2.69                       | 12.21                       | V                     |
| Middle                                          | 5178                 | -46.01          | -25              | -21.01                  | -67.18                  | -53.27                   | 2.44                       | 9.70                        | H                     |
|                                                 | 7764                 | -39.25          | -25              | -14.25                  | -66.94                  | -48.86                   | 2.34                       | 11.96                       | H                     |
|                                                 | 10356                | -37.10          | -25              | -12.10                  | -68.08                  | -46.75                   | 2.69                       | 12.34                       | H                     |
|                                                 | 5178                 | -67.91          | -25              | -42.91                  | -67.78                  | -75.17                   | 2.44                       | 9.70                        | V                     |
|                                                 | 7764                 | -40.02          | -25              | -15.02                  | -67.61                  | -49.63                   | 2.34                       | 11.96                       | V                     |
|                                                 | 10356                | -37.97          | -25              | -12.97                  | -67.87                  | -47.62                   | 2.69                       | 12.34                       | V                     |
| Highest                                         | 5364                 | -47.06          | -25              | -22.06                  | -67.79                  | -54.21                   | 2.55                       | 9.70                        | H                     |
|                                                 | 8040                 | -42.62          | -25              | -17.62                  | -68.65                  | -52.48                   | 2.28                       | 12.13                       | H                     |
|                                                 | 10722                | -36.46          | -25              | -11.46                  | -67.98                  | -46.21                   | 2.69                       | 12.44                       | H                     |
|                                                 | 5364                 | -46.02          | -25              | -21.02                  | -67.39                  | -53.17                   | 2.55                       | 9.70                        | V                     |
|                                                 | 8040                 | -42.00          | -25              | -17.00                  | -68.06                  | -51.86                   | 2.28                       | 12.13                       | V                     |
|                                                 | 10722                | -37.52          | -25              | -12.52                  | -68.05                  | -47.27                   | 2.69                       | 12.44                       | V                     |

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



| LTE Band 41 / 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                                          | 4992                 | -47.77          | -25              | -22.77                  | -67.33                  | -55.12                   | 2.33                       | 9.68                        | H                     |
|                                                 | 7488                 | -38.95          | -25              | -13.95                  | -68.19                  | -48.29                   | 2.43                       | 11.78                       | H                     |
|                                                 | 9984                 | -36.69          | -25              | -11.69                  | -67.77                  | -46.21                   | 2.69                       | 12.21                       | H                     |
|                                                 | 4992                 | -46.89          | -25              | -21.89                  | -67.03                  | -54.24                   | 2.33                       | 9.68                        | V                     |
|                                                 | 7488                 | -32.20          | -25              | -7.20                   | -61.34                  | -41.54                   | 2.43                       | 11.78                       | V                     |
|                                                 | 9984                 | -38.00          | -25              | -13.00                  | -67.64                  | -47.52                   | 2.69                       | 12.21                       | V                     |
| Middle                                          | 5171                 | -47.05          | -25              | -22.05                  | -67.43                  | -54.31                   | 2.44                       | 9.70                        | H                     |
|                                                 | 7756.5               | -39.30          | -25              | -14.30                  | -66.96                  | -48.91                   | 2.35                       | 11.95                       | H                     |
|                                                 | 10342                | -36.37          | -25              | -11.37                  | -67.79                  | -46.01                   | 2.69                       | 12.34                       | H                     |
|                                                 | 5171                 | -46.93          | -25              | -21.93                  | -67.26                  | -54.19                   | 2.44                       | 9.70                        | V                     |
|                                                 | 7756.5               | -39.61          | -25              | -14.61                  | -66.81                  | -49.22                   | 2.35                       | 11.95                       | V                     |
|                                                 | 10342                | -37.90          | -25              | -12.90                  | -68.2                   | -47.54                   | 2.69                       | 12.34                       | V                     |
| Highest                                         | 5352                 | -46.05          | -25              | -21.05                  | -67.77                  | -53.21                   | 2.54                       | 9.70                        | H                     |
|                                                 | 8025                 | -42.01          | -25              | -17.01                  | -67.94                  | -51.86                   | 2.27                       | 12.12                       | H                     |
|                                                 | 10700                | -36.28          | -25              | -11.28                  | -67.89                  | -46.03                   | 2.69                       | 12.44                       | H                     |
|                                                 | 5352                 | -45.99          | -25              | -20.99                  | -67.32                  | -53.15                   | 2.54                       | 9.70                        | V                     |
|                                                 | 8025                 | -41.39          | -25              | -16.39                  | -67.94                  | -51.24                   | 2.27                       | 12.12                       | V                     |
|                                                 | 10700                | -37.52          | -25              | -12.52                  | -67.78                  | -47.27                   | 2.69                       | 12.44                       | V                     |

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



| LTE Band 41 / 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                                          | 4992                 | -46.84          | -25              | -21.84                  | -66.82                  | -54.19                   | 2.33                       | 9.68                        | H                     |
|                                                 | 7488                 | -38.28          | -25              | -13.28                  | -67.72                  | -47.62                   | 2.43                       | 11.78                       | H                     |
|                                                 | 9984                 | -35.74          | -25              | -10.74                  | -66.58                  | -45.26                   | 2.69                       | 12.21                       | H                     |
|                                                 | 4992                 | -46.89          | -25              | -21.89                  | -67.11                  | -54.24                   | 2.33                       | 9.68                        | V                     |
|                                                 | 7488                 | -36.94          | -25              | -11.94                  | -66.63                  | -46.28                   | 2.43                       | 11.78                       | V                     |
|                                                 | 9984                 | -37.52          | -25              | -12.52                  | -67.35                  | -47.04                   | 2.69                       | 12.21                       | V                     |
| Middle                                          | 5166                 | -46.90          | -25              | -21.90                  | -67.5                   | -54.17                   | 2.43                       | 9.70                        | H                     |
|                                                 | 7749                 | -39.52          | -25              | -14.52                  | -67.16                  | -49.12                   | 2.35                       | 11.95                       | H                     |
|                                                 | 10332                | -35.64          | -25              | -10.64                  | -67.02                  | -45.28                   | 2.69                       | 12.33                       | H                     |
|                                                 | 5166                 | -47.00          | -25              | -22.00                  | -67.72                  | -54.27                   | 2.43                       | 9.70                        | V                     |
|                                                 | 7749                 | -39.79          | -25              | -14.79                  | -67.29                  | -49.39                   | 2.35                       | 11.95                       | V                     |
|                                                 | 10332                | -37.45          | -25              | -12.45                  | -67.83                  | -47.09                   | 2.69                       | 12.33                       | V                     |
| Highest                                         | 5340                 | -45.98          | -25              | -20.98                  | -67.19                  | -53.15                   | 2.53                       | 9.70                        | H                     |
|                                                 | 8010                 | -41.80          | -25              | -16.80                  | -67.8                   | -51.64                   | 2.27                       | 12.11                       | H                     |
|                                                 | 10680                | -36.46          | -25              | -11.46                  | -67.91                  | -46.21                   | 2.69                       | 12.44                       | H                     |
|                                                 | 5340                 | -44.95          | -25              | -19.95                  | -66.12                  | -52.12                   | 2.53                       | 9.70                        | V                     |
|                                                 | 8010                 | -42.40          | -25              | -17.40                  | -68.6                   | -52.24                   | 2.27                       | 12.11                       | V                     |
|                                                 | 10680                | -36.73          | -25              | -11.73                  | -67.52                  | -46.48                   | 2.69                       | 12.44                       | V                     |

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