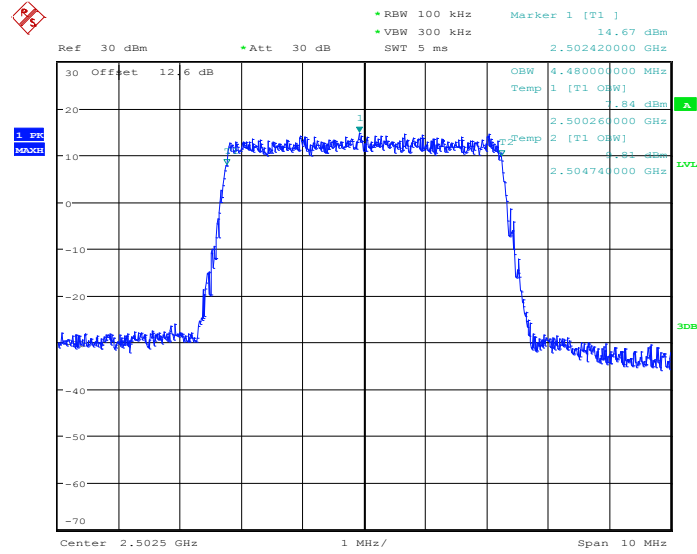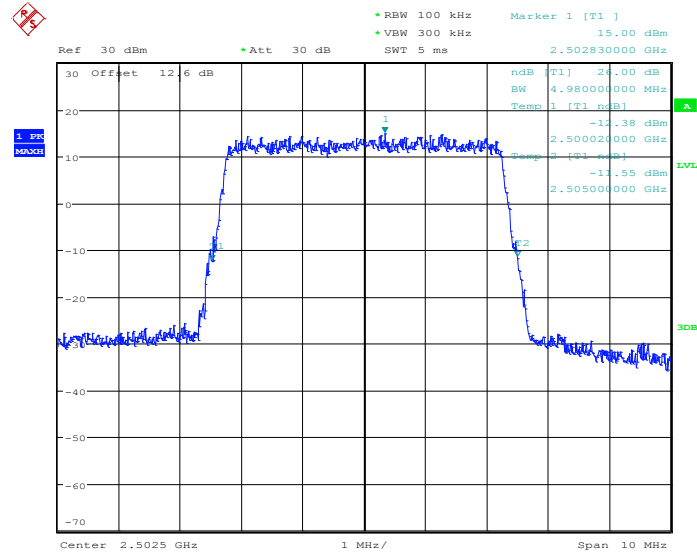| Band :	LTE Band 7	BW / Mod. :	5MHz / QPSK

99% Occupied Bandwidth Plot on Channel 20775
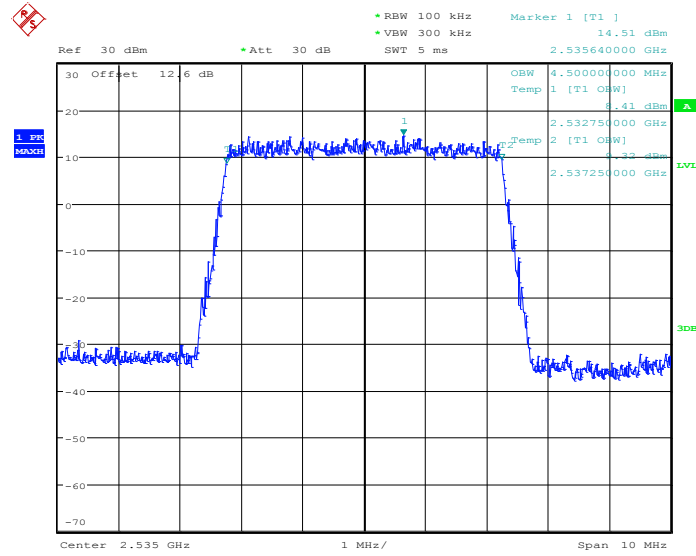

Date: 8.JAN.2014 14:29:11
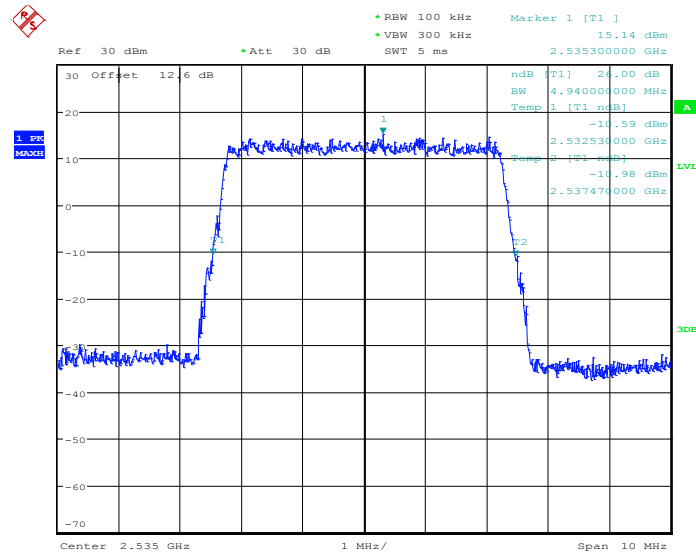
26dB Bandwidth Plot on Channel 20775

Date: 8.JAN.2014 14:29:36

99% Occupied Bandwidth Plot on Channel 21100


```
                                    * RBW  100 kHz      Marker 1 [T1 ]
                                    * VBW  300 kHz               14.51 dBm
        Ref  30 dBm      * Att  30 dB    SWT  5 ms      2.535640000 GHz

        30  Offset  12.6 dB                      OBW  4.500000000 MHz
                                                 Temp 1 [T1 OBW]
     20                                                    8.41 dBm
                                          1              2.532750000 GHz
                                                 Temp 2 [T1 OBW]
     10                                                    8.32 dBm
                                                         2.537250000 GHz
      0

    -10

    -20

    -30

    -40

    -50

    -60

    -70
        Center  2.535 GHz          1 MHz/          Span  10 MHz
```

Date: 8.JAN.2014 14:32:51

26dB Bandwidth Plot on Channel 21100


```
                                    * RBW  100 kHz      Marker 1 [T1 ]
                                    * VBW  300 kHz               15.14 dBm
        Ref  30 dBm      * Att  30 dB    SWT  5 ms      2.535300000 GHz

        30  Offset  12.6 dB                      ndB [T1]   24.00 dB
                                                 BW   4.940000000 MHz
     20                                           Temp 1 [T1 ndB]
                                          1                -10.59 dBm
                                                         2.532530000 GHz
     10                                           Temp 2 [T1 ndB]
                                                          -10.98 dBm
      0                                                  2.537470000 GHz

    -10

    -20

    -30

    -40

    -50

    -60

    -70
        Center  2.535 GHz          1 MHz/          Span  10 MHz
```

Date: 8.JAN.2014 14:33:16

99% Occupied Bandwidth Plot on Channel 21425

Date: 8.JAN.2014 14:33:42

26dB Bandwidth Plot on Channel 21425

Date: 8.JAN.2014 14:34:07

Band :	LTE Band 7	**BW / Mod. :**	5MHz / 16QAM

99% Occupied Bandwidth Plot on Channel 20775

Date: 8.JAN.2014 14:29:22

26dB Bandwidth Plot on Channel 20775

Date: 8.JAN.2014 14:29:49

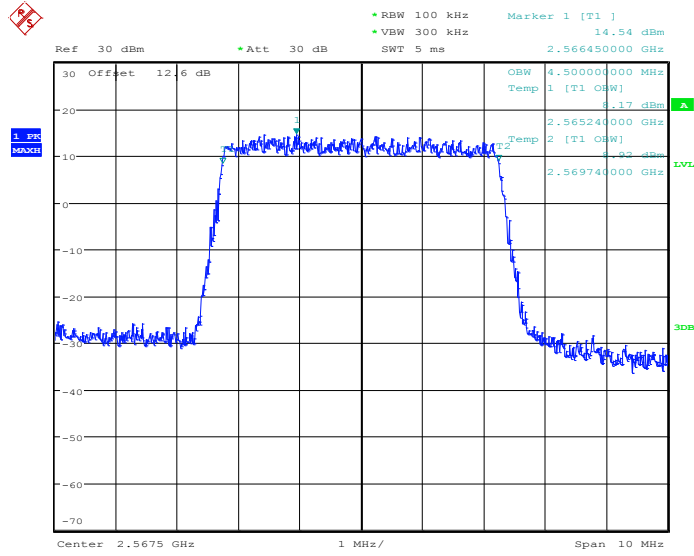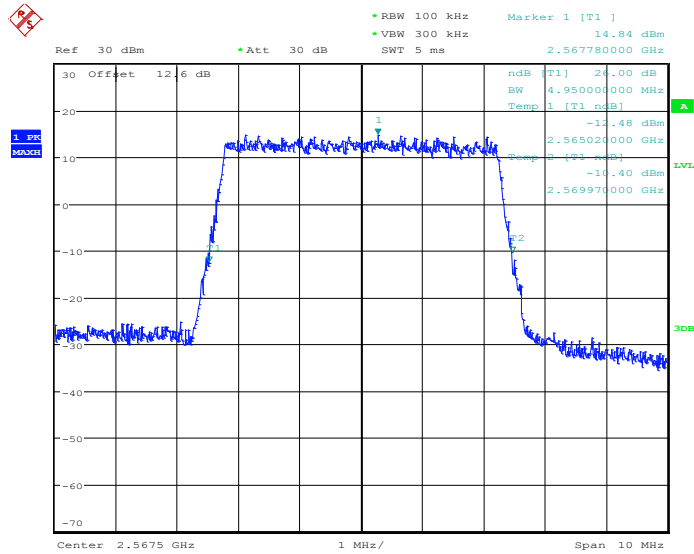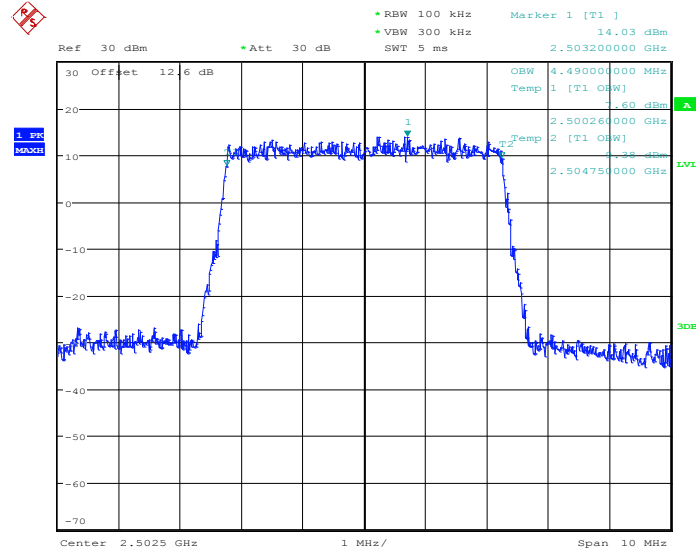## 99% Occupied Bandwidth Plot on Channel 21100

Date: 8.JAN.2014 14:33:03

26dB Bandwidth Plot on Channel 21100
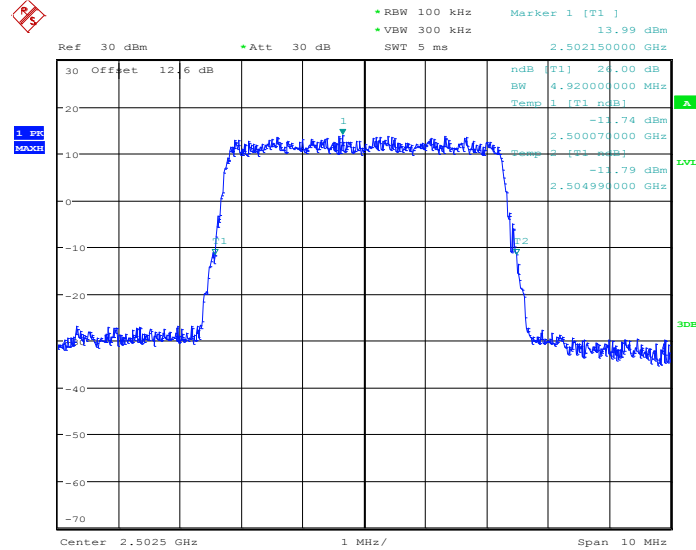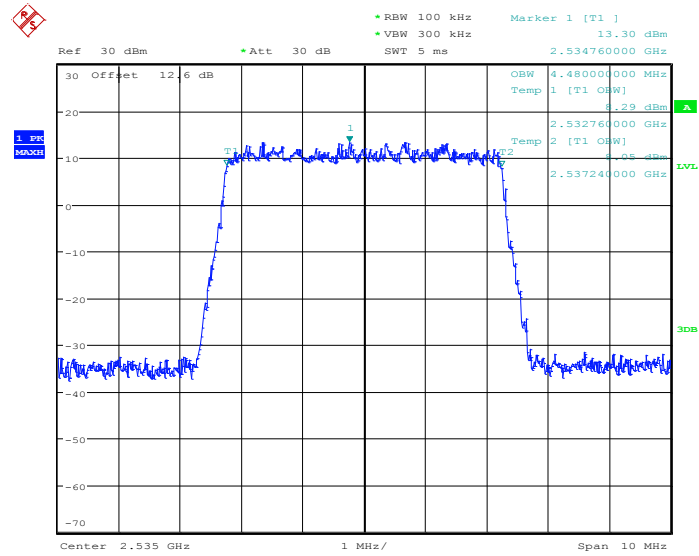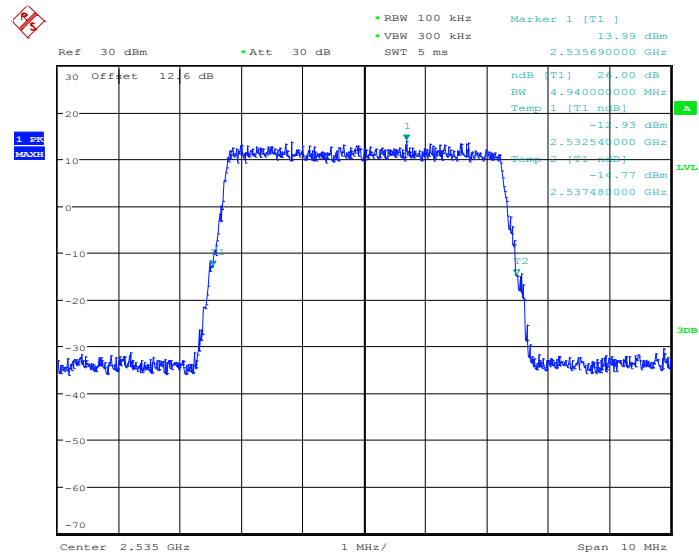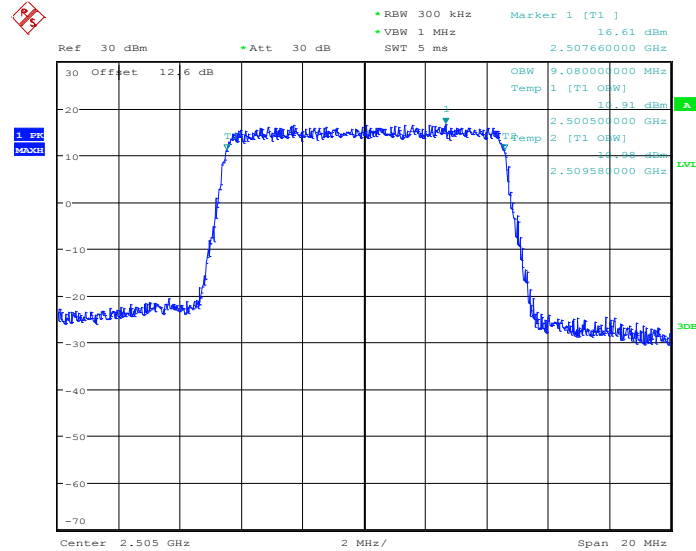

Date: 8.JAN.2014 14:33:30

99% Occupied Bandwidth Plot on Channel 21425


```
                                    * RBW 100 kHz      Marker 1 [T1 ]
                                    * VBW 300 kHz              13.51 dBm
Ref   30 dBm        * Att  30 dB    SWT 5 ms            2.567250000 GHz
 30  Offset  12.6 dB                               OBW 4.510000000 MHz
                                                   Temp 1 [T1 OBW]
  20                                                       8.27 dBm
                                                   2.565240000 GHz
1 PK                                   1           Temp 2 [T1 OBW]
MAXH  10                                                   8.13 dBm
                                                   2.569750000 GHz

   0

 -10

 -20                                                                3DB

 -30

 -40

 -50

 -60

 -70
Center  2.5675 GHz              1 MHz/                  Span  10 MHz
```

Date: 8.JAN.2014 14:33:53

26dB Bandwidth Plot on Channel 21425


```
                                    * RBW 100 kHz      Marker 1 [T1 ]
                                    * VBW 300 kHz              14.14 dBm
Ref   30 dBm        * Att  30 dB    SWT 5 ms            2.567150000 GHz
 30  Offset  12.6 dB                               ndB [T1]   26.00 dB
                                                   BW  4.900000000 MHz
                                                   Temp 1 [T1 ndB]
  20                                                      -12.68 dBm
                                       1           2.565040000 GHz
1 PK                                               Temp 2 [T1 ndB]
MAXH  10                                                  -9.84 dBm
                                                   2.569940000 GHz
   0

 -10

 -20

 -30                                                                3DB

 -40

 -50

 -60

 -70
Center  2.5675 GHz              1 MHz/                  Span  10 MHz
```

Date: 8.JAN.2014 14:34:20

Band :	LTE Band 7	**BW / Mod. :**	10MHz / QPSK

99% Occupied Bandwidth Plot on Channel 20800

Date: 8.JAN.2014 14:37:26

26dB Bandwidth Plot on Channel 20800

Date: 8.JAN.2014 14:37:52

99% Occupied Bandwidth Plot on Channel 21100


```
                                        * RBW  300 kHz      Marker 1 [T1 ]
                                        * VBW  1 MHz                  17.35 dBm
        Ref   30 dBm        * Att  30 dB    SWT  5 ms          2.538180000 GHz

        30  Offset   12.6 dB                    OBW  9.060000000 MHz
                                                Temp 1 [T1 OBW]
         20                                              11.67 dBm          A
                         T1                          2.530480000 GHz
         10                               Temp 2 [T1 OBW]
                                                       14.00 dBm       LVL
          0                                     2.539540000 GHz

        -10

        -20
                                                                       3DB
        -30

        -40

        -50

        -60

        -70
        Center  2.535 GHz           2 MHz/              Span  20 MHz
```

Date: 8.JAN.2014 14:41:07

26dB Bandwidth Plot on Channel 21100


```
                                        * RBW  300 kHz      Marker 1 [T1 ]
                                        * VBW  1 MHz                  17.39 dBm
        Ref   30 dBm        * Att  30 dB    SWT  5 ms          2.538200000 GHz

        30  Offset   12.6 dB                    ndB [T1]   26.00 dB
                                                BW  10.000000000 MHz
                                                Temp 1 [T1 ndB]
         20                                             -8.84 dBm          A
                                                    2.529980000 GHz
         10                               Temp 2 [T1 ndB]
                                                       -8.56 dBm       LVL
          0                                     2.539980000 GHz

        -10

        -20
                                                                       3DB
        -30

        -40

        -50

        -60

        -70
        Center  2.535 GHz           2 MHz/              Span  20 MHz
```

Date: 8.JAN.2014 14:41:32

99% Occupied Bandwidth Plot on Channel 21400

Date: 8.JAN.2014 14:41:57

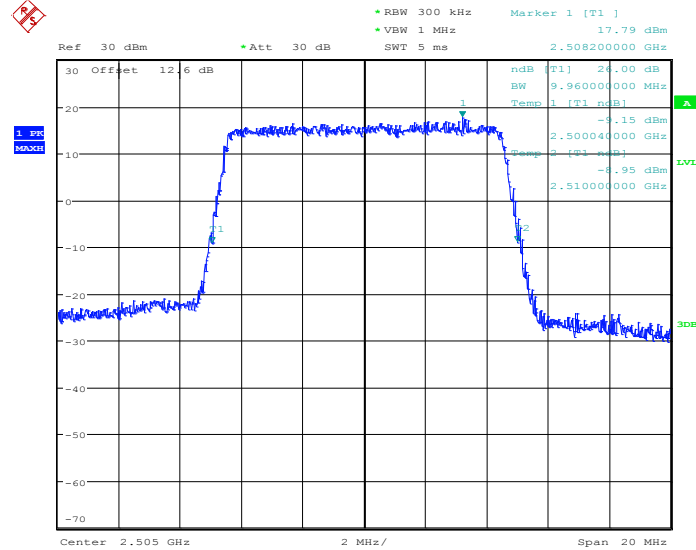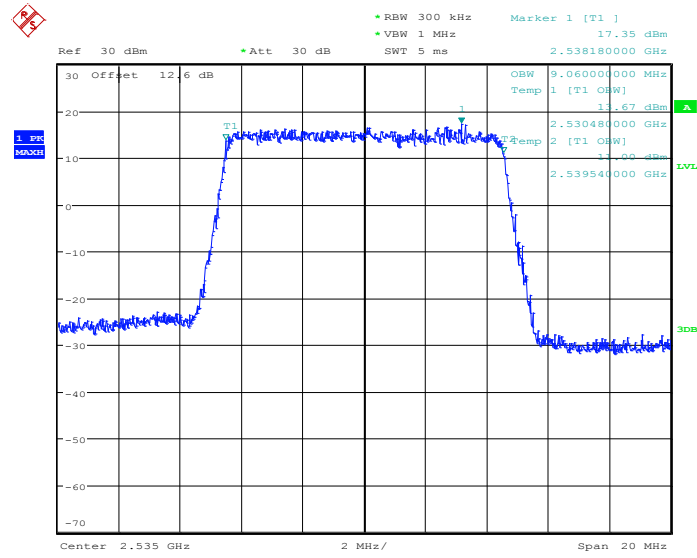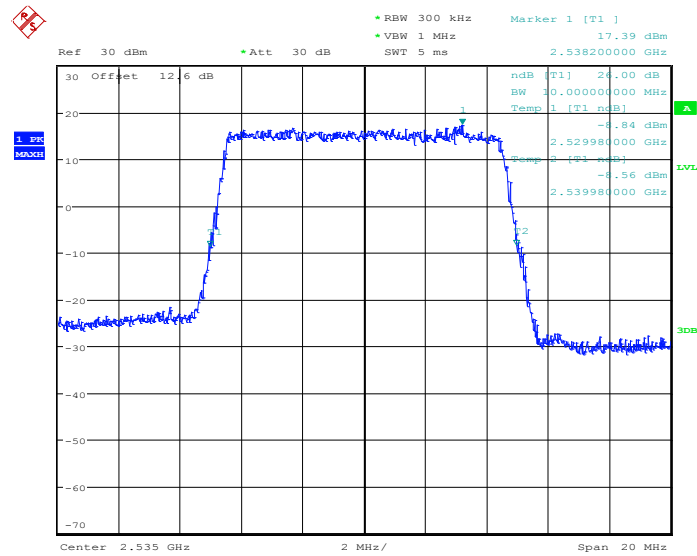## 26dB Bandwidth Plot on Channel 21400

Date: 8.JAN.2014 14:42:22

Band :	LTE Band 7	**BW / Mod. :**	10MHz / 16QAM

99% Occupied Bandwidth Plot on Channel 20800

Date: 8.JAN.2014 14:37:38

26dB Bandwidth Plot on Channel 20800

Date: 8.JAN.2014 14:38:05

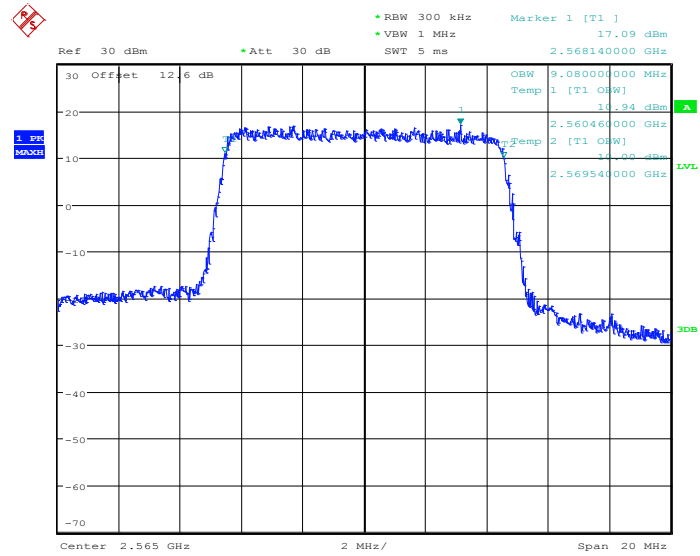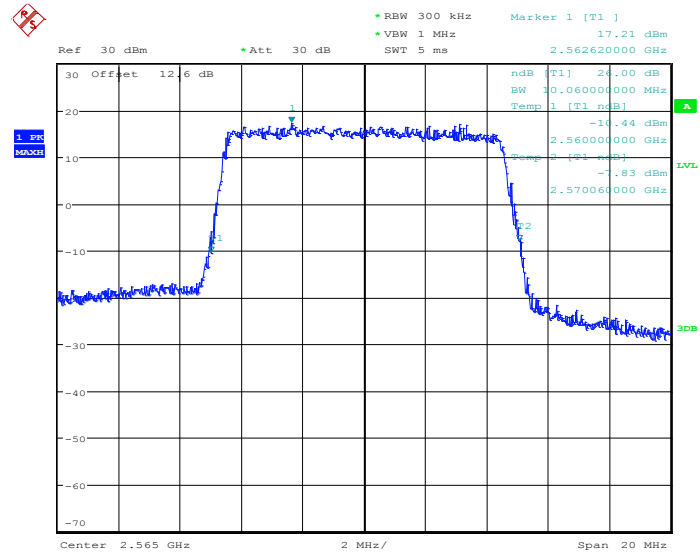## 99% Occupied Bandwidth Plot on Channel 21100

Date: 8.JAN.2014 14:41:18

26dB Bandwidth Plot on Channel 21100

Date: 8.JAN.2014 14:41:45

99% Occupied Bandwidth Plot on Channel 21400
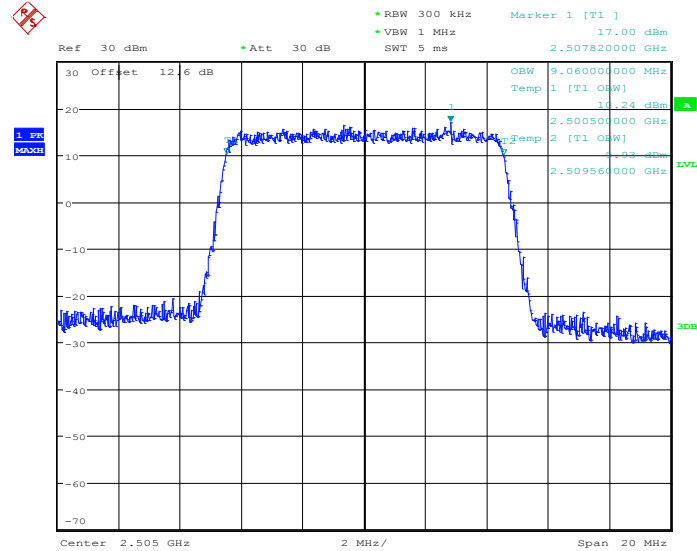

Date: 8.JAN.2014 14:42:09

26dB Bandwidth Plot on Channel 21400
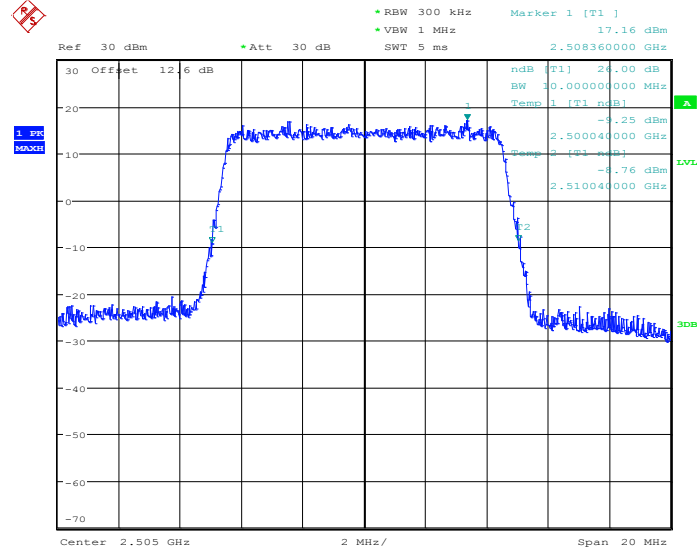

Date: 8.JAN.2014 14:42:36

Band :	LTE Band 7	BW / Mod. :	15MHz / QPSK

99% Occupied Bandwidth Plot on Channel 20825

26dB Bandwidth Plot on Channel 20825

Report No.	: FG372301-01B
Report Version	: Rev. 02
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Report Template No.: BU5-FGLTE Version 1.0

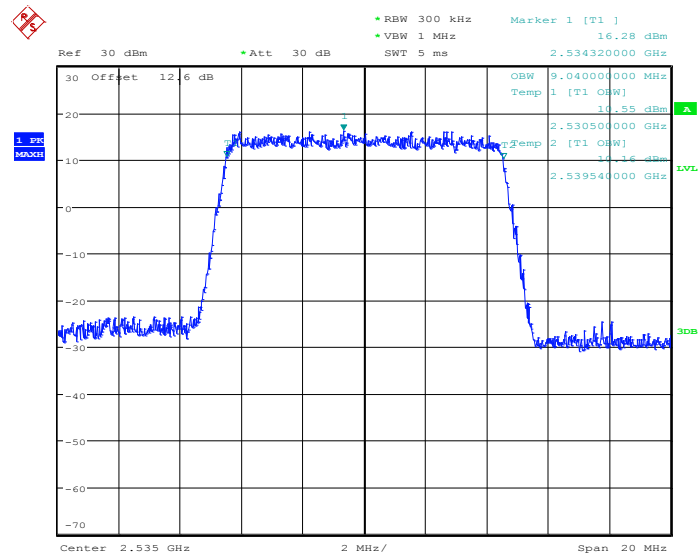## 99% Occupied Bandwidth Plot on Channel 21100

Date: 8.JAN.2014 14:49:23

26dB Bandwidth Plot on Channel 21100

Date: 8.JAN.2014 14:49:48

99% Occupied Bandwidth Plot on Channel 21375

Date: 8.JAN.2014 14:50:13

26dB Bandwidth Plot on Channel 21375

Date: 8.JAN.2014 14:50:38

Band :	LTE Band 7	**BW / Mod. :**	15MHz / 16QAM

99% Occupied Bandwidth Plot on Channel 20825

Date: 8.JAN.2014 14:45:54

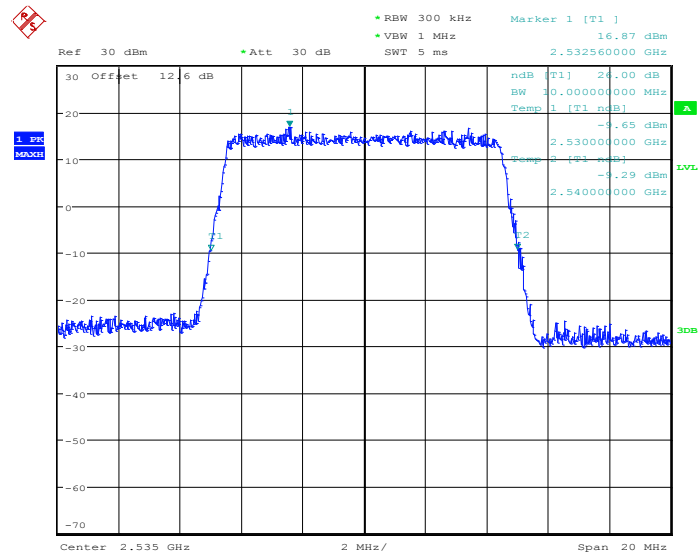### 26dB Bandwidth Plot on Channel 20825

Date: 8.JAN.2014 14:46:21

99% Occupied Bandwidth Plot on Channel 21100
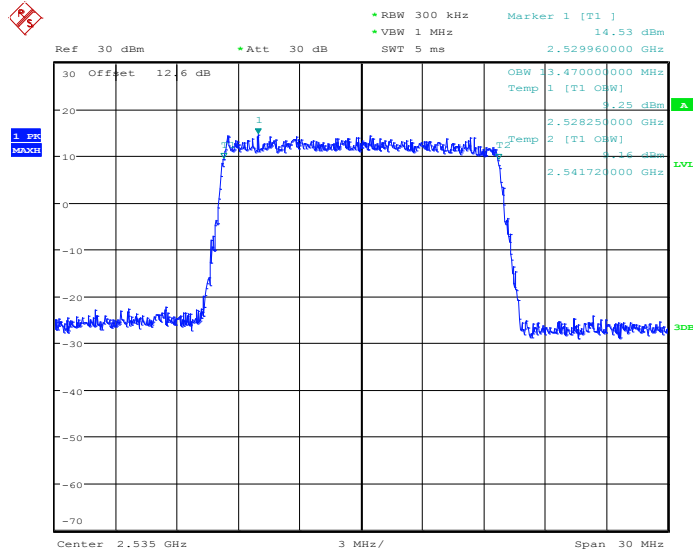
Date: 8.JAN.2014 14:49:34

26dB Bandwidth Plot on Channel 21100

Date: 8.JAN.2014 14:50:01

99% Occupied Bandwidth Plot on Channel 21375

Date: 8.JAN.2014 14:50:25

26dB Bandwidth Plot on Channel 21375
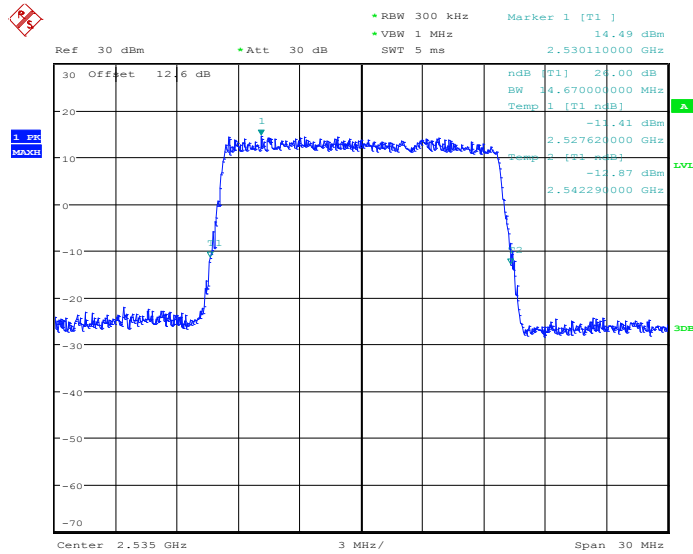
Date: 8.JAN.2014 14:50:52

Band :	LTE Band 7	**BW / Mod. :**	20MHz / QPSK

99% Occupied Bandwidth Plot on Channel 20850
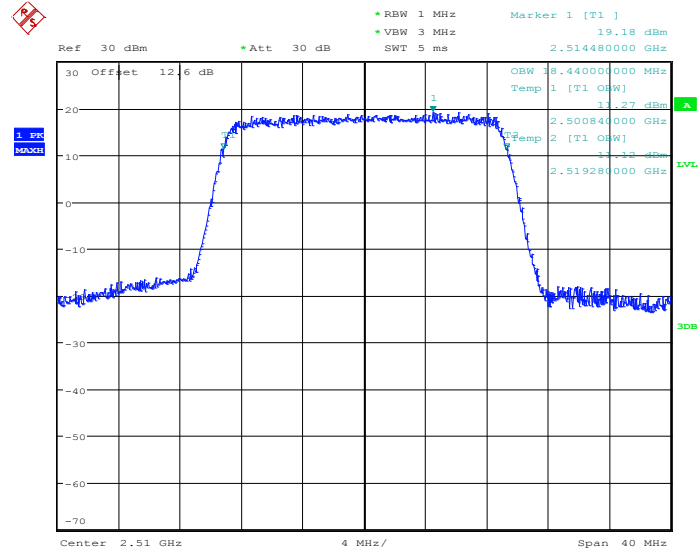
Date: 8.JAN.2014 14:53:58

26dB Bandwidth Plot on Channel 20850
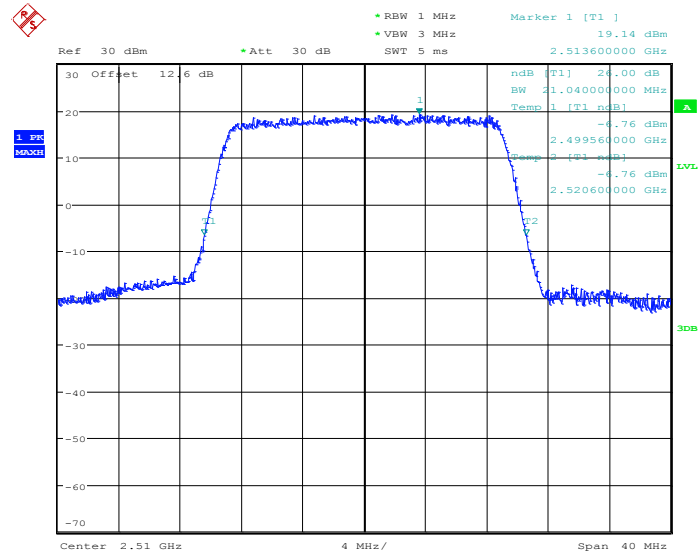
Date: 8.JAN.2014 14:54:23

99% Occupied Bandwidth Plot on Channel 21100
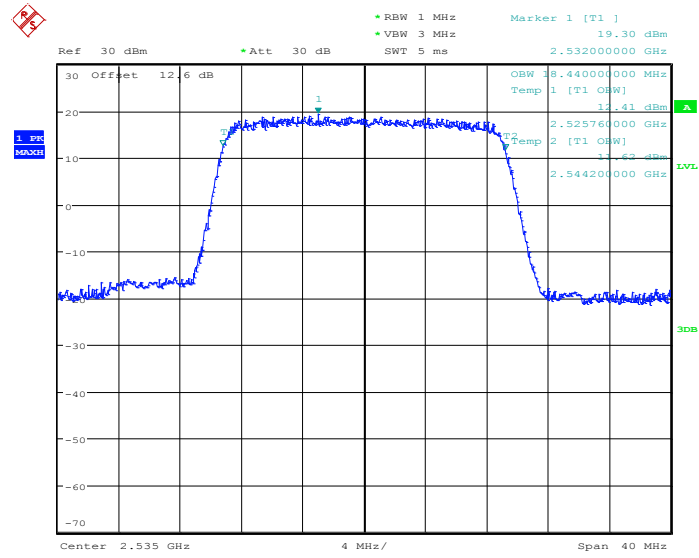
Date: 8.JAN.2014 14:57:38

26dB Bandwidth Plot on Channel 21100
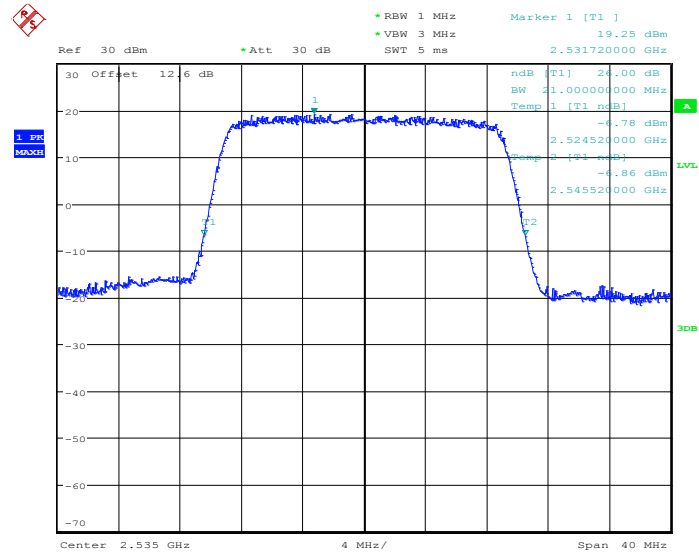
Date: 8.JAN.2014 14:58:03
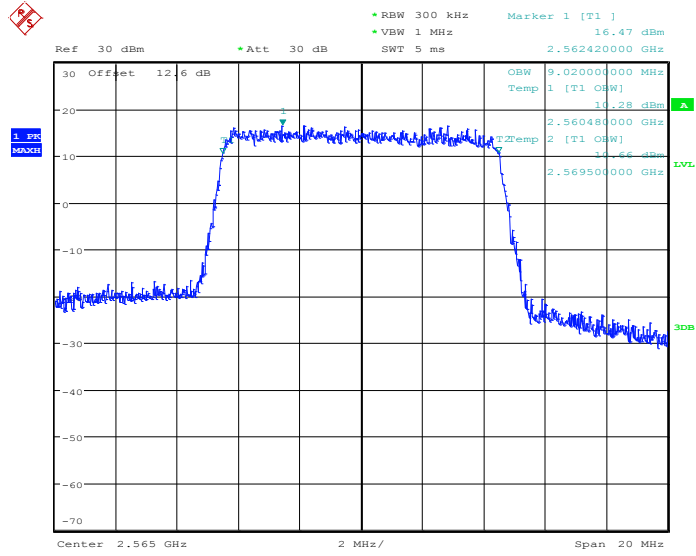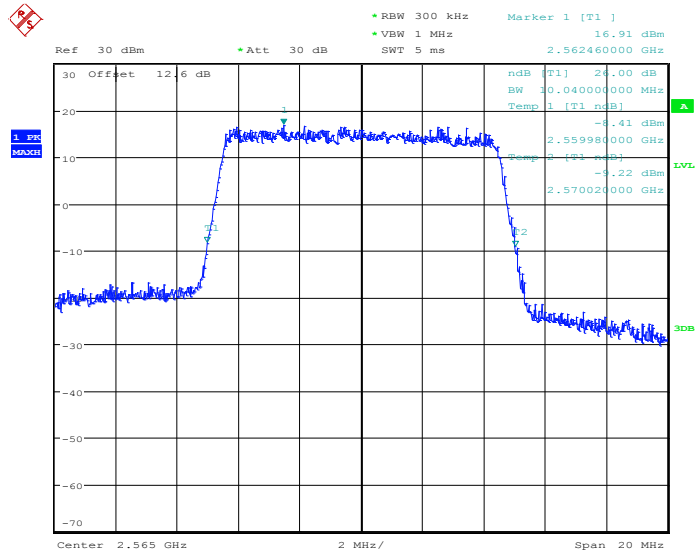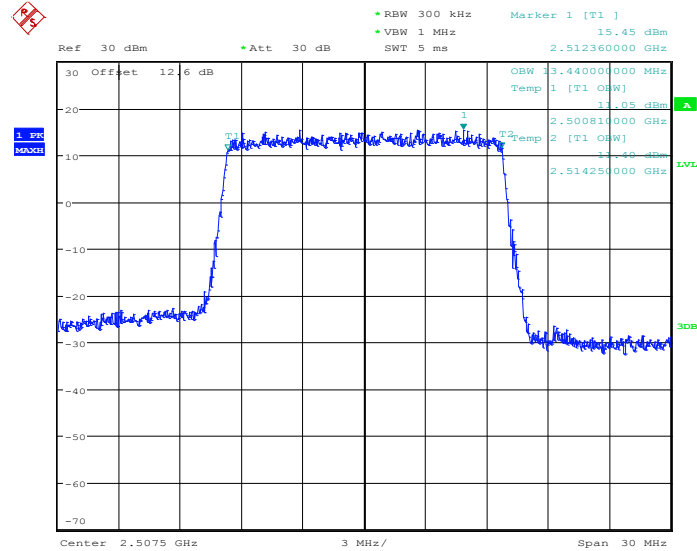
99% Occupied Bandwidth Plot on Channel 21350


```
                              * RBW 1 MHz          Marker 1 [T1 ]
                              * VBW 3 MHz                   19.27 dBm
Ref  30 dBm        * Att 30 dB    SWT 5 ms             2.557760000 GHz
 30  Offset  12.6 dB                             OBW 18.440000000 MHz
                                                 Temp 1 [T1 OBW]
 20                                                        12.26 dBm
                                                  2.550760000 GHz
 10                                              Temp 2 [T1 OBW]
                                                          11.15 dBm
  0                                               2.569200000 GHz
-10
-20
-30
-40
-50
-60
-70
Center 2.56 GHz              4 MHz/              Span 40 MHz
```
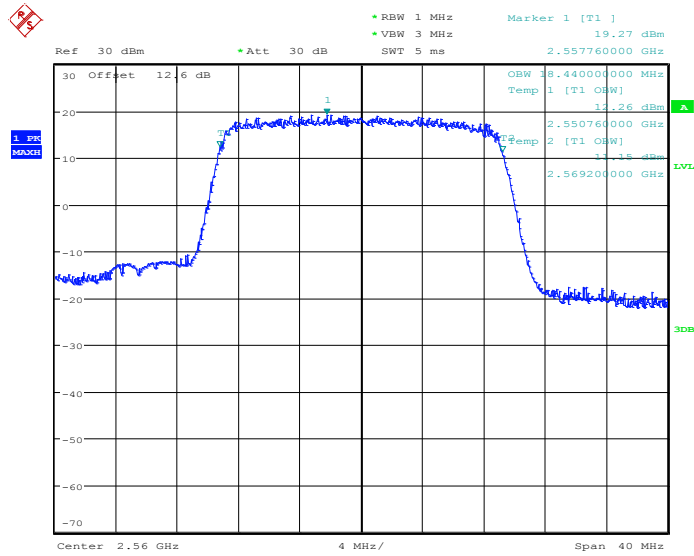
Date: 8.JAN.2014 14:58:29

26dB Bandwidth Plot on Channel 21350


```
                              * RBW 1 MHz          Marker 1 [T1 ]
                              * VBW 3 MHz                   19.32 dBm
Ref  30 dBm        * Att 30 dB    SWT 5 ms             2.556880000 GHz
 30  Offset  12.6 dB                             ndB [T1]    26.00 dB
                                                 BW 20.880000000 MHz
 20                                              Temp 1 [T1 ndB]
                                                          -7.20 dBm
 10                                               2.549560000 GHz
                                                 Temp 2 [T1 ndB]
  0                                                       -6.68 dBm
-10                                               2.570440000 GHz
-20
-30
-40
-50
-60
-70
Center 2.56 GHz              4 MHz/              Span 40 MHz
```
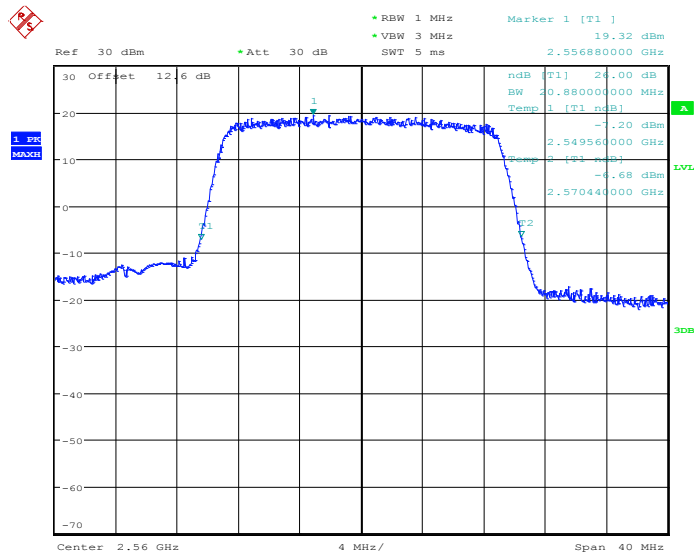
Date: 8.JAN.2014 14:58:54

Band :	LTE Band 7	**BW / Mod. :**	20MHz / 16QAM

99% Occupied Bandwidth Plot on Channel 20850
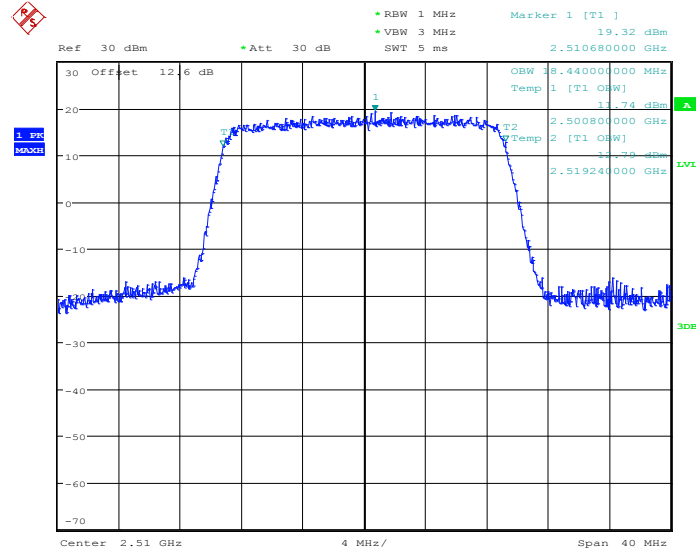
Date: 8.JAN.2014 14:54:09

26dB Bandwidth Plot on Channel 20850
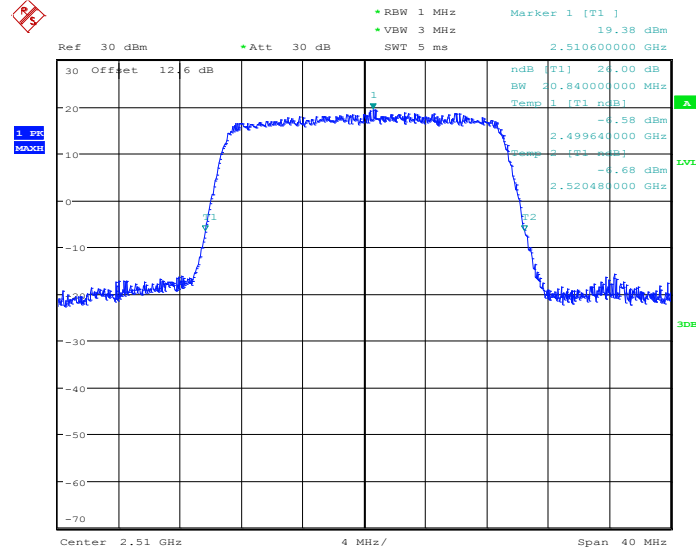
Date: 8.JAN.2014 14:54:36

99% Occupied Bandwidth Plot on Channel 21100
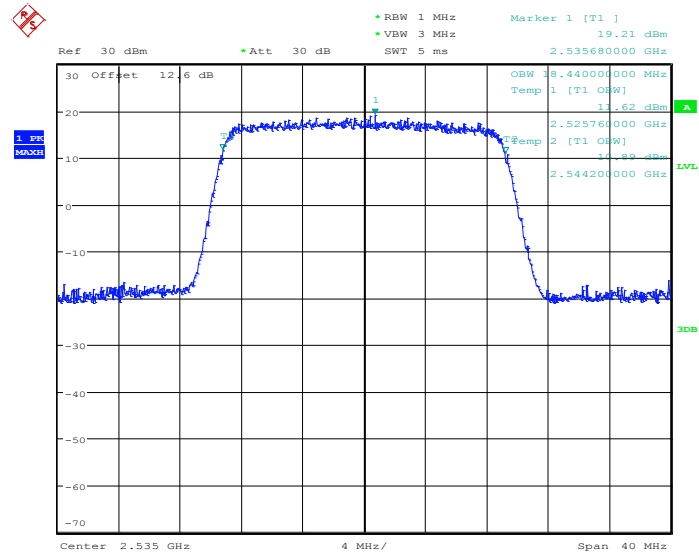
Date: 8.JAN.2014 14:57:50

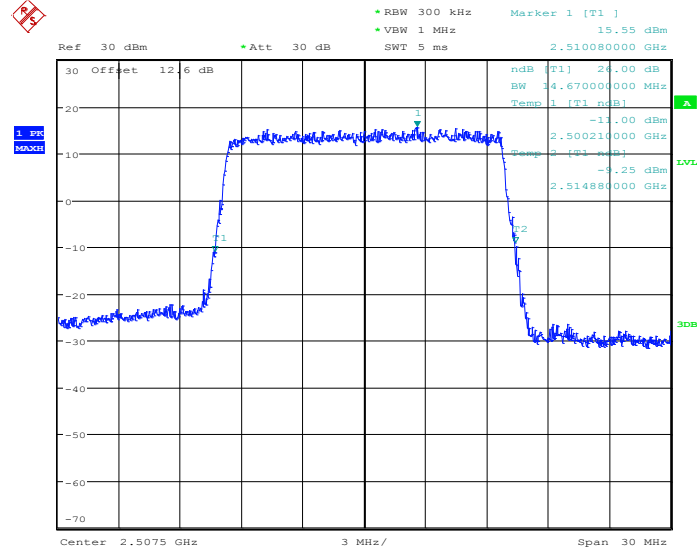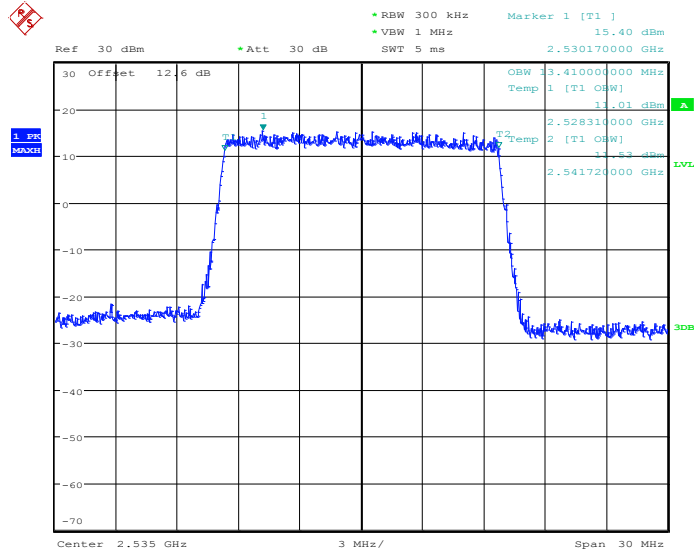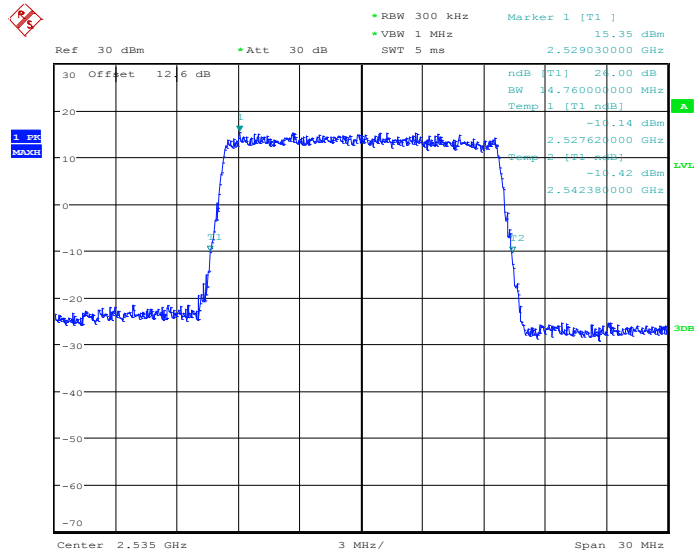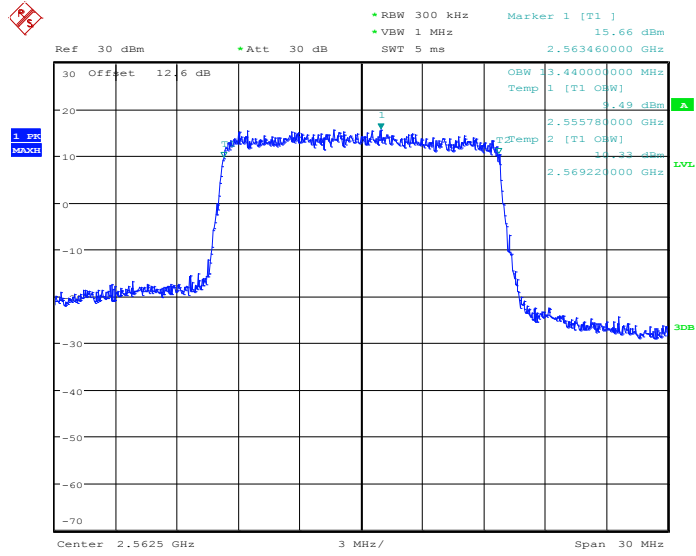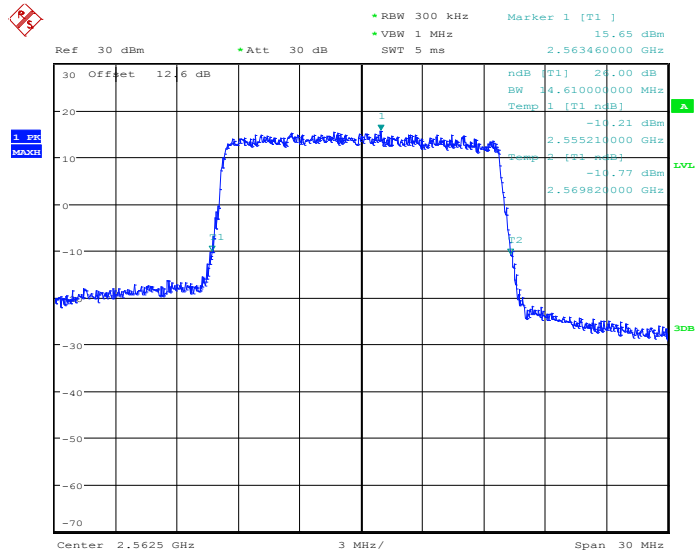## 26dB Bandwidth Plot on Channel 21100
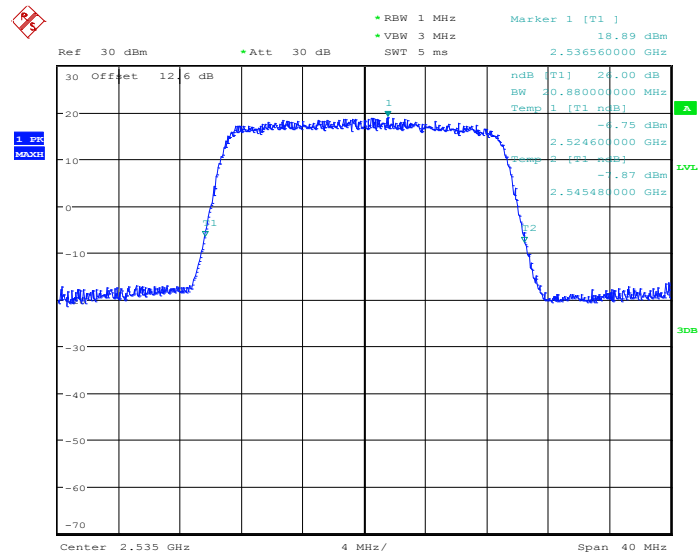
Date: 8.JAN.2014 14:58:17

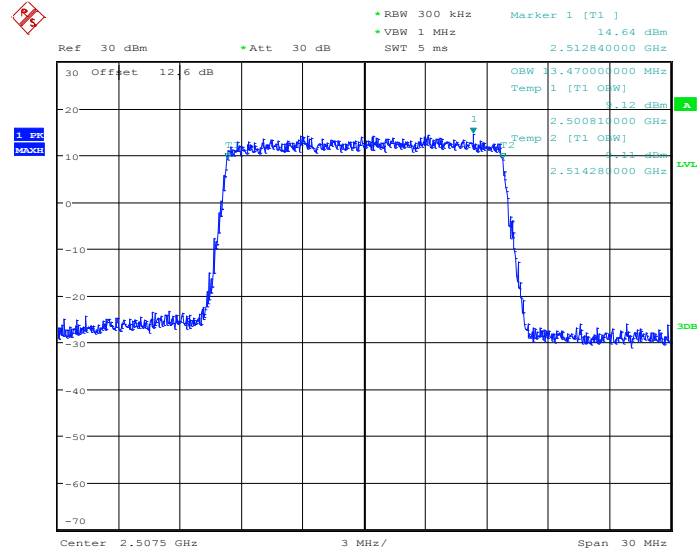## 99% Occupied Bandwidth Plot on Channel 21350
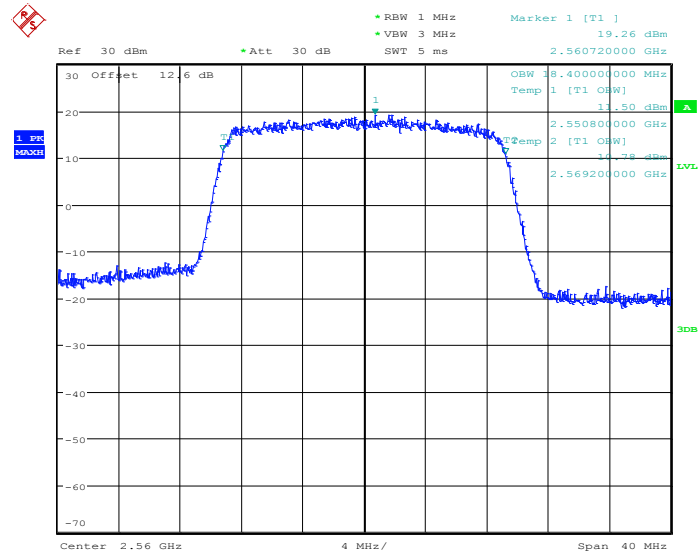
Date: 8.JAN.2014 14:58:40

26dB Bandwidth Plot on Channel 21350
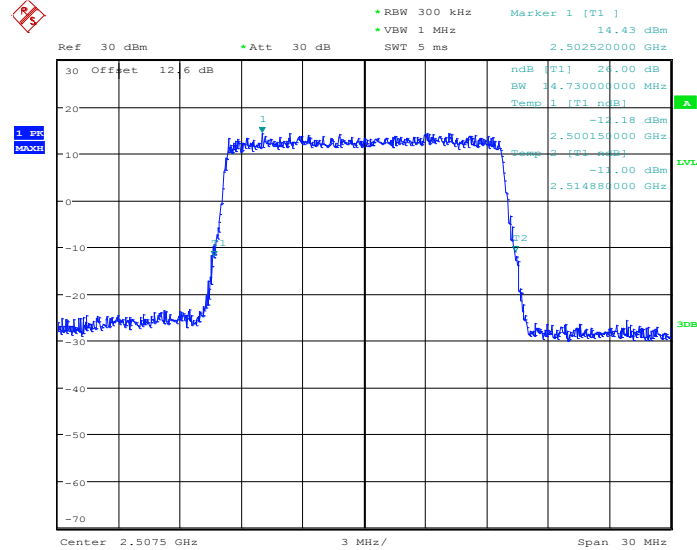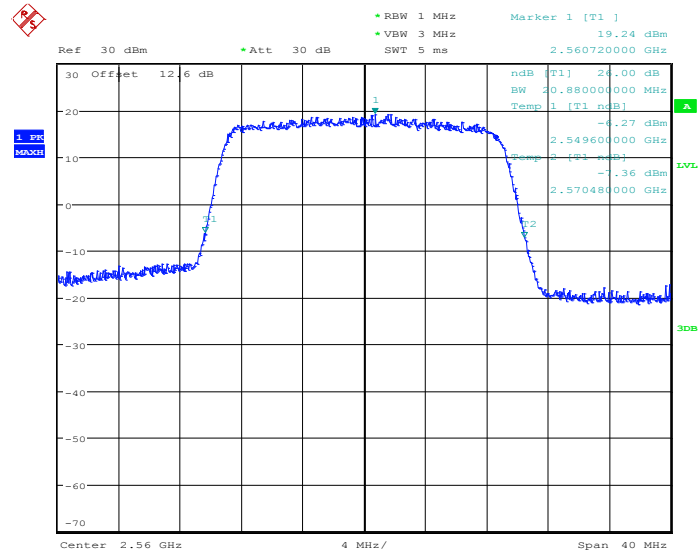

Date: 8.JAN.2014 14:59:07

3.5 Conducted Band Edge Measurement

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[Watts])$ dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[Watts])$ dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (f)

For operations in the 698 -746 MHz band, the FCC limit is $43 + 10\log10(P[Watts])$ dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (g)

For operations in the 1710 – 1755 MHz band, the FCC limit is $43 + 10\log_{10}(P[Watts])$ dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(l) (4)

The emissions be operated in the 2496-2690 MHz band, the attenuation factor of transmitter Power (P) shall be not less than $43 + 10 \log (P)$ dB at the channel edge and $55 + 10 \log (P)$ dB at 5.5 MHz from the channel edges.

3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The band edges of low and high channels for the highest RF powers were measured. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
3. Set spectrum analyzer with RMS detector.
4. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
5. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

   = P(W)- [43 + 10log(P)] (dB)

   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)

   = -13dBm.

3.5.4 Test Setup
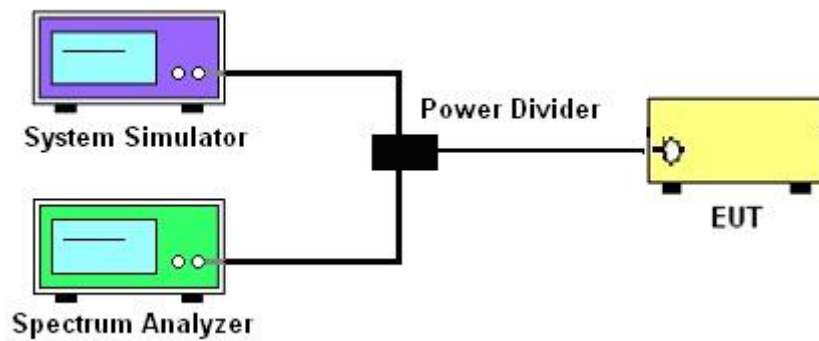
3.5.5 Test Result (Plots) of Conducted Band Edge

Band :	LTE Band 5	Band Width :	1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	823.000000 M	−46.72	−33.72
823.000 M	824.000 M	20.00 k	823.999000 M	−28.38	−15.38
824.000 M	826.000 M	100.00 k	824.254000 M	20.11	−9.89
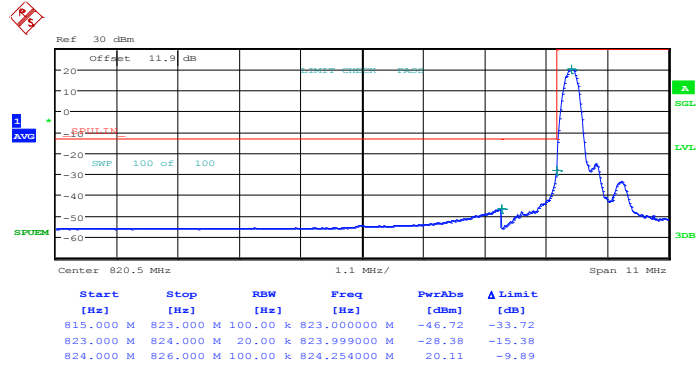
Date: 9.JAN.2014 08:14:46

Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.992000 M	−43.08	−30.08
823.000 M	824.000 M	20.00 k	823.997000 M	−31.61	−18.61
824.000 M	826.000 M	100.00 k	824.270000 M	11.03	−18.97

Date: 9.JAN.2014 08:16:11

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5

Ref 30 dBm
Offset 11.9 dB

Center 853.5 MHz   1.3 MHz/   Span 13 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
847.000 M	849.000 M	100.00 k	848.70600		
849.000 M	850.000 M	20.00 k	849.0010C		
850.000 M	860.000 M	100.00 k	850.0300C		

Date: 9.JAN.2014 08:23:50

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

Ref 30 dBm
Offset 11.9 dB

Center 853.5 MHz   1.3 MHz/   Span 13 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
847.000 M	849.000 M	100.00 k	848.482000 M	11.52	−18.48
849.000 M	850.000 M	20.00 k	849.001000 M	−32.26	−19.26
850.000 M	860.000 M	100.00 k	850.010000 M	−41.63	−28.63
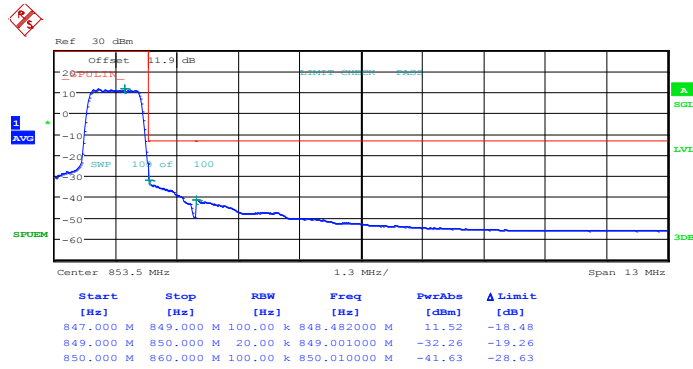
Date: 9.JAN.2014 08:22:25

Band :	LTE Band 5	Band Width :	1.4MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.976000 M	-49.17	-36.17
823.000 M	824.000 M	20.00 k	823.997000 M	-29.91	-16.91
824.000 M	826.000 M	100.00 k	824.238000 M	18.63	-11.37
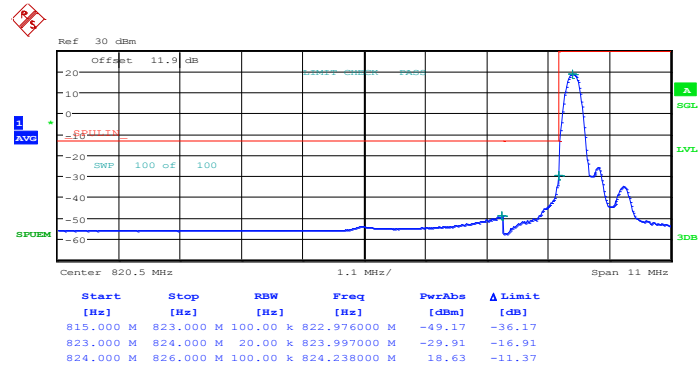
Date: 9.JAN.2014 08:15:28

Lower Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	823.000000 M	-42.64	-29.64
823.000 M	824.000 M	20.00 k	823.990000 M	-33.32	-20.32
824.000 M	826.000 M	100.00 k	824.740000 M	9.98	-20.02

Date: 9.JAN.2014 08:16:53

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Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 5

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
847.000 M	849.000 M	100.00 k	848.744000 M	18.26	-11.74
849.000 M	850.000 M	20.00 k	849.0060		
850.000 M	860.000 M	100.00 k	850.0300		

Date: 9.JAN.2014 08:24:32

Higher Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
847.000 M	849.000 M	100.00 k	848.152000 M	10.12	-19.88
849.000 M	850.000 M	20.00 k	849.0070		
850.000 M	860.000 M	100.00 k	850.0100		
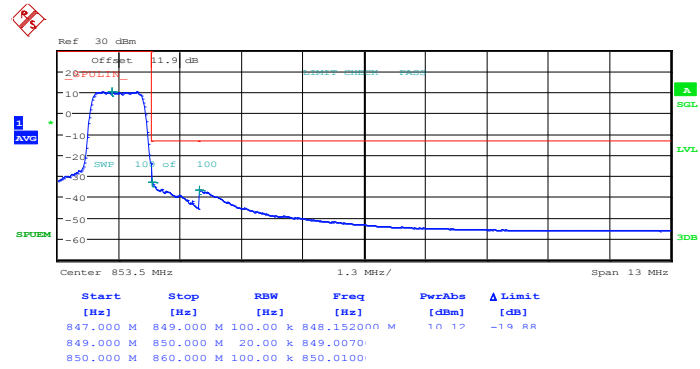
Date: 9.JAN.2014 08:23:07

Band :	LTE Band 5	Band Width :	3MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	823.000000 M	-39.09	-26.09
823.000 M	824.000 M	30.00 k	823.995000 M	-27.17	-14.17
824.000 M	827.000 M	100.00 k	824.243000 M	20.14	-9.86
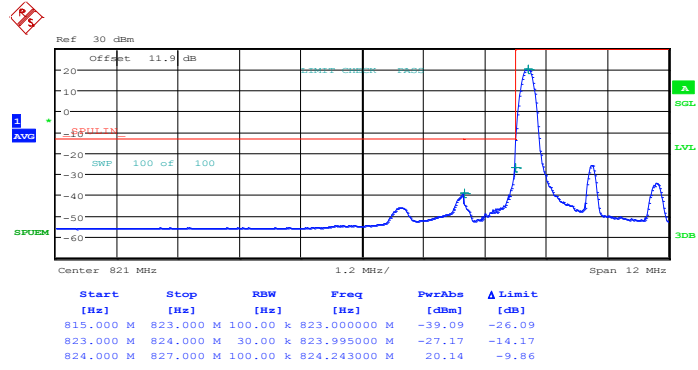
Date: 9.JAN.2014 08:29:46

Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.992000 M	-35.08	-22.08
823.000 M	824.000 M	30.00 k	823.988000 M	-33.41	-20.41
824.000 M	827.000 M	100.00 k	825.710000 M	7.40	-22.60
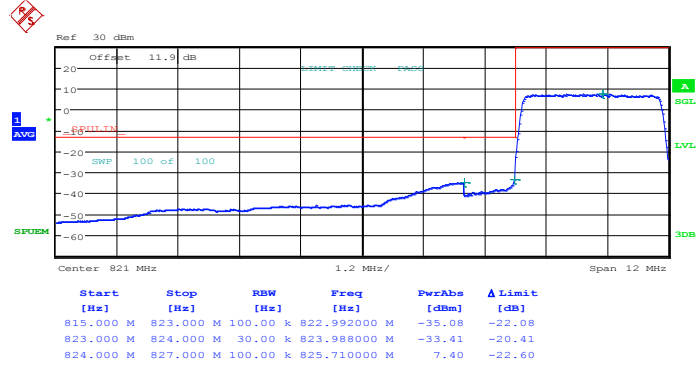
Date: 9.JAN.2014 08:31:11

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
846.000 M	849.000 M	100.00 k	848.751000 M	19.87	-10.13
849.000 M	850.000 M	30.00 k	849.002000 M	-27.18	-14.18
850.000 M	860.000 M	100.00 k	850.050000 M	-39.60	-26.60

Date: 9.JAN.2014 08:37:23

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
846.000 M	849.000 M	100.00 k	847.071000 M	7.24	-22.76
849.000 M	850.000 M	30.00 k	849.009000 M	-34.25	-21.25
850.000 M	860.000 M	100.00 k	850.020000 M	-33.39	-20.39

Date: 9.JAN.2014 08:38:48

Band :	LTE Band 5	Band Width :	3MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.984000 M	-40.74	-27.74
823.000 M	824.000 M	30.00 k	823.994000 M	-26.84	-13.84
824.000 M	827.000 M	100.00 k	824.234000 M	18.31	-11.69

Date: 9.JAN.2014 08:30:28

Lower Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.960000 M	-35.62	-22.62
823.000 M	824.000 M	30.00 k	823.999000 M	-34.09	-21.09
824.000 M	827.000 M	100.00 k	824.711000 M	6.13	-23.87

Date: 9.JAN.2014 08:31:53

Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 14

Ref 30 dBm

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
846.000 M	849.000 M	100.00 k	848.703000 M	18.24	-11.76
849.000 M	850.000 M	30.00 k	849.002000 M	-28.33	-15.33
850.000 M	860.000 M	100.00 k	850.010000 M	-40.87	-27.87

Date: 9.JAN.2014 08:38:05

Higher Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

Ref 30 dBm

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
846.000 M	849.000 M	100.00 k	846.885000 M	6.23	-23.77
849.000 M	850.000 M	30.00 k	849.004000 M	-35.13	-22.13
850.000 M	860.000 M	100.00 k	850.180000 M	-34.13	-21.13
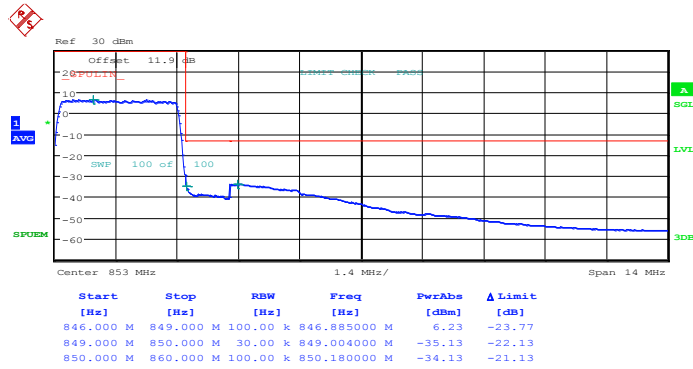
Date: 9.JAN.2014 08:39:30

Band :	LTE Band 5	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.232000 M	-40.79	-27.79
823.000 M	824.000 M	50.00 k	823.989000 M	-31.24	-18.24
824.000 M	829.000 M	100.00 k	824.300000 M	19.66	-10.34
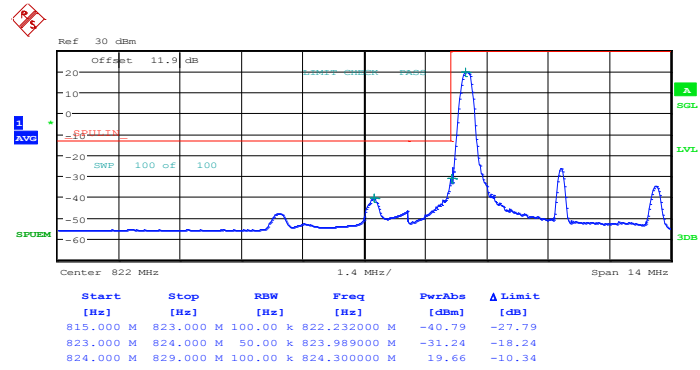
Date: 9.JAN.2014 08:42:41

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	823.000000 M	-33.44	-20.44
823.000 M	824.000 M	50.00 k	823.975000 M	-32.76	-19.76
824.000 M	829.000 M	100.00 k	825.205000 M	5.35	-24.65

Date: 9.JAN.2014 08:44:06

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

Ref   30 dBm
Offset   11.9 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
844.000 M	849.000 M	100.00 k	848.565000 M	19.80	-10.20
849.000 M	850.000 M	50.00 k	849.0020(		
850.000 M	860.000 M	100.00 k	850.8300(		

Date: 9.JAN.2014 08:50:18

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0
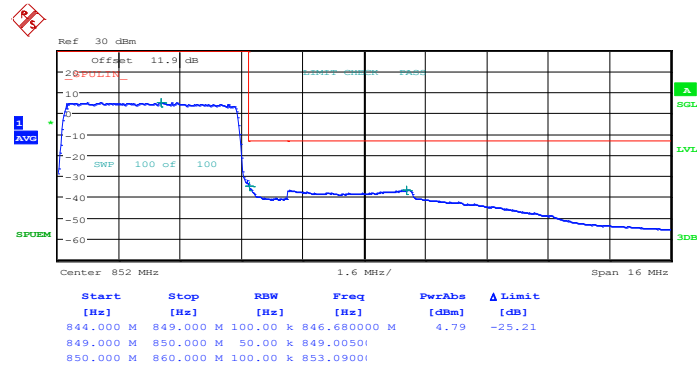
Ref   30 dBm
Offset   11.9 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
844.000 M	849.000 M	100.00 k	846.680000 M	4.79	-25.21
849.000 M	850.000 M	50.00 k	849.0050(		
850.000 M	860.000 M	100.00 k	853.0900(		

Date: 9.JAN.2014 08:51:43

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Band :	LTE Band 5	Band Width :	5MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.176000 M	-42.42	-29.42
823.000 M	824.000 M	50.00 k	823.994000 M	-34.78	-21.78
824.000 M	829.000 M	100.00 k	824.340000 M	18.65	-11.35
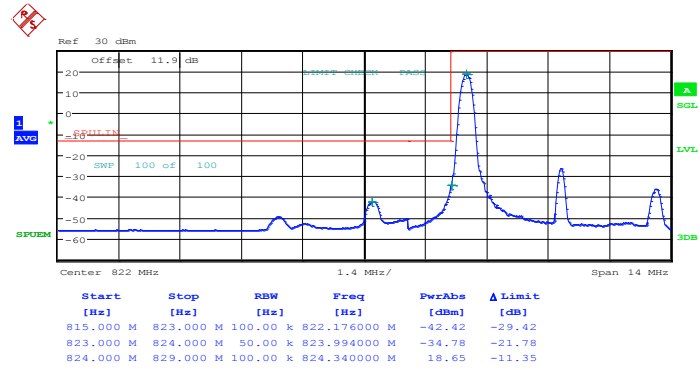
Date: 9.JAN.2014 08:43:23

Lower Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.968000 M	-34.74	-21.74
823.000 M	824.000 M	50.00 k	823.984000 M	-34.15	-21.15
824.000 M	829.000 M	100.00 k	825.825000 M	4.26	-25.74

Date: 9.JAN.2014 08:44:48

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Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
844.000 M	849.000 M	100.00 k	848.585000 M	18.56	-11.44
849.000 M	850.000 M	50.00 k	849.002000 M	-35.70	-22.70
850.000 M	860.000 M	100.00 k	850.810000 M	-41.20	-28.20

Date: 9.JAN.2014 08:51:00

Higher Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

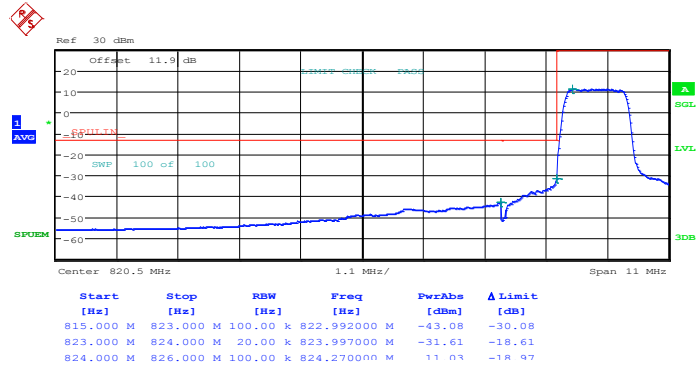| Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
844.000 M	849.000 M	100.00 k	844.875000 M	4.27	-25.73
849.000 M	850.000 M	50.00 k	849.019000 M	-37.45	-24.45
850.000 M	860.000 M	100.00 k	850.090000 M	-37.94	-24.94

Date: 9.JAN.2014 08:52:25

Band :	LTE Band 5	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

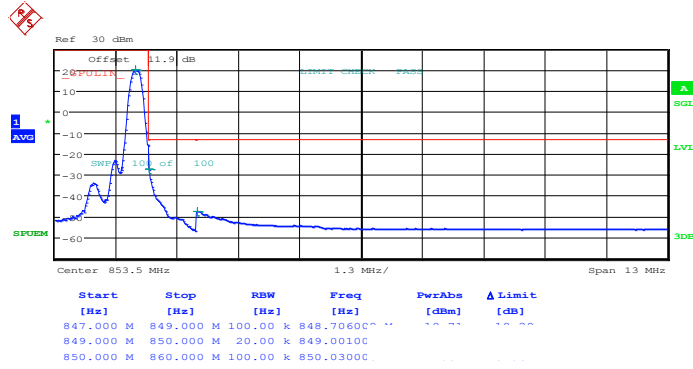| Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	820.200000 M	-43.02	-30.02
823.000 M	824.000 M	100.00 k	823.972000 M	-41.01	-28.01
824.000 M	834.000 M	100.00 k	824.590000 M	19.73	-10.27
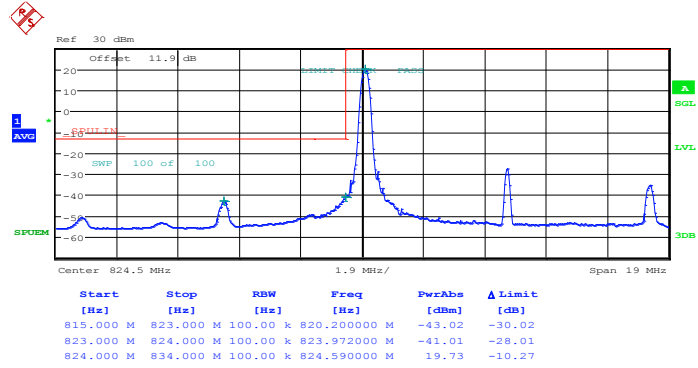
Date: 9.JAN.2014 08:55:36

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	823.000000 M	-36.40	-23.40
823.000 M	824.000 M	100.00 k	823.940000 M	-33.20	-20.20
824.000 M	834.000 M	100.00 k	825.080000 M	2.24	-27.76

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Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
839.000 M	849.000 M	100.00 k	848.280000 M	19.47	-10.53
849.000 M	850.000 M	100.00 k	849.0180(		
850.000 M	860.000 M	100.00 k	852.8500(		
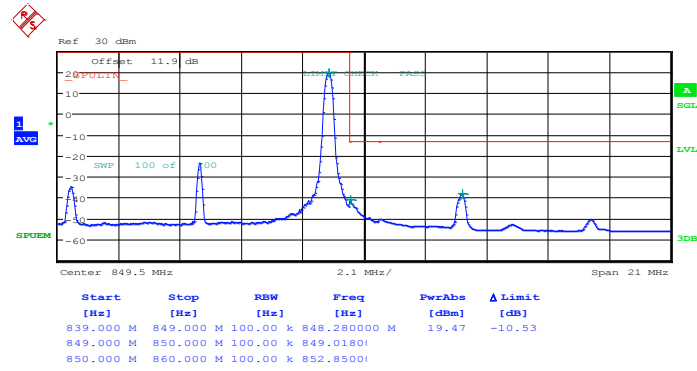
Date: 9.JAN.2014 09:03:13

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

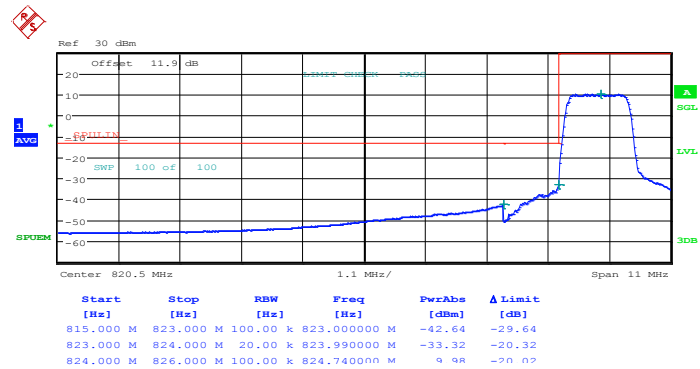| Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
839.000 M	849.000 M	100.00 k	843.080000 M	2.07	-27.93
849.000 M	850.000 M	100.00 k	849.0520(		
850.000 M	860.000 M	100.00 k	850.0000(		
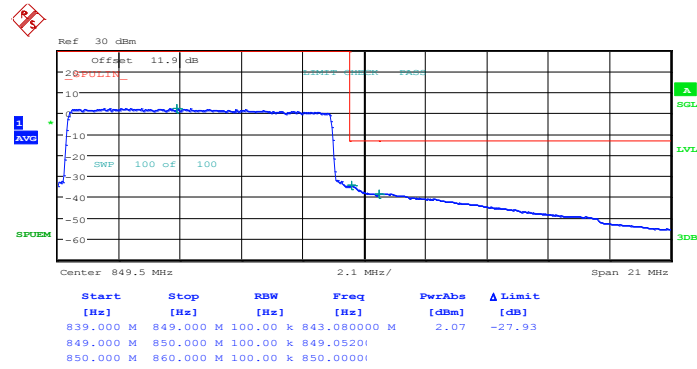
Date: 9.JAN.2014 09:04:38

Band :	LTE Band 5	Band Width :	10MHz / 16QAM

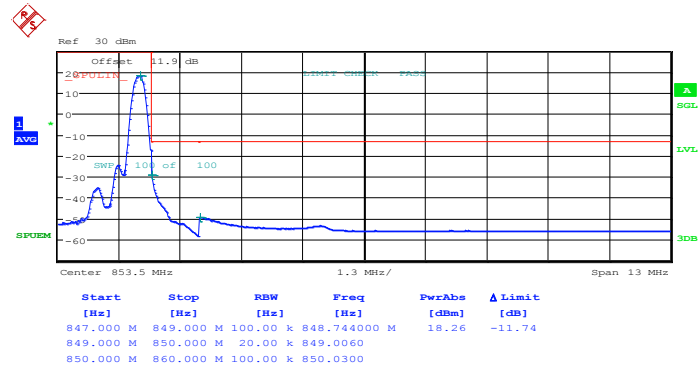### Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	820.176000 M	-43.96	-30.96
823.000 M	824.000 M	100.00 k	823.990000 M	-40.63	-27.63
824.000 M	834.000 M	100.00 k	824.550000 M	18.34	-11.66
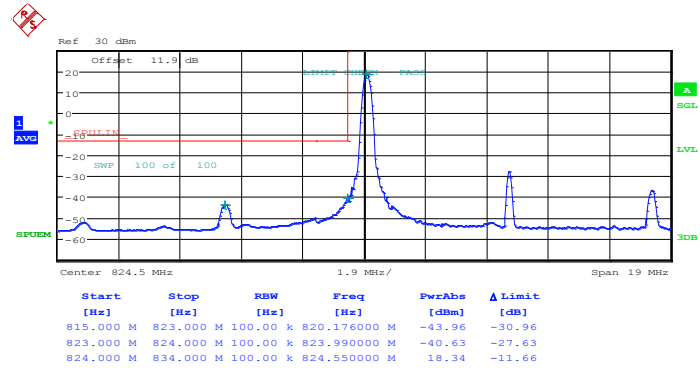
Date: 9.JAN.2014 08:56:18

Lower Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
815.000 M	823.000 M	100.00 k	822.952000 M	-38.02	-25.02
823.000 M	824.000 M	100.00 k	823.990000 M	-34.99	-21.99
824.000 M	834.000 M	100.00 k	825.440000 M	1.55	-28.45

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Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 49

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
839.000 M	849.000 M	100.00 k	848.270000 M	18.69	-11.31
849.000 M	850.000 M	100.00 k	849.002000 M	-41.98	-28.98
850.000 M	860.000 M	100.00 k	852.820000 M	-39.90	-26.90

Date: 9.JAN.2014 09:03:56

Higher Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
839.000 M	849.000 M	100.00 k	841.230000 M	1.24	-28.76
849.000 M	850.000 M	100.00 k	849.059000 M	-37.23	-24.23
850.000 M	860.000 M	100.00 k	850.010000 M	-40.73	-27.73
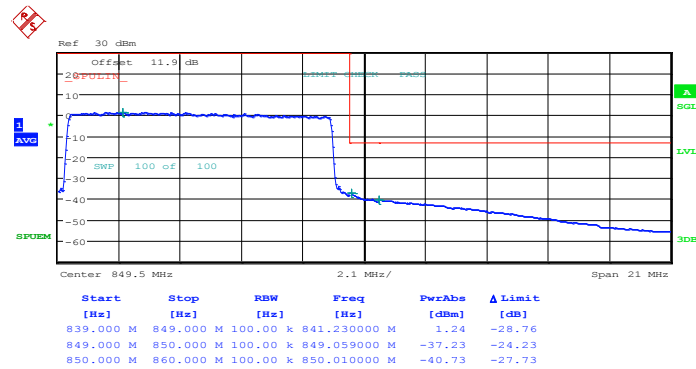
Date: 9.JAN.2014 09:05:21

Band :	LTE Band 2	Band Width :	1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Ref 30 dBm
Offset 12.6 dB

Center 1.846 GHz   1.2 MHz/   Span 12 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.849000 G	-20.65	-7.65
1.849 G	1.850 G	20.00 k	1.849999 G	-25.40	-12.40
1.850 G	1.852 G	100.00 k	1.850260 G	19.86	-10.14
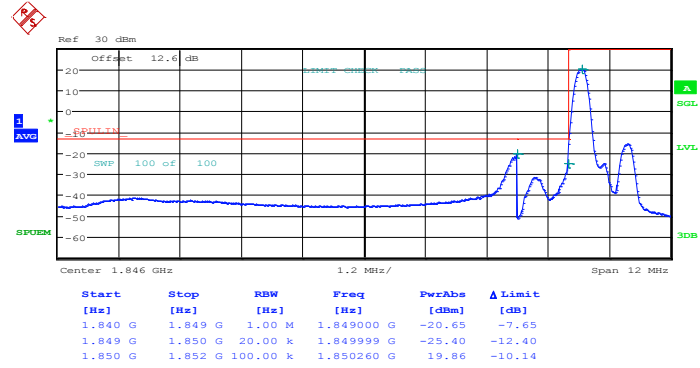
Date: 8.JAN.2014 19:37:00

Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

Ref 30 dBm
Offset 12.6 dB

Center 1.846 GHz   1.2 MHz/   Span 12 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848973 G	-25.21	-12.21
1.849 G	1.850 G	20.00 k	1.849995 G	-30.75	-17.75
1.850 G	1.852 G	100.00 k	1.850278 G	11.01	-18.99
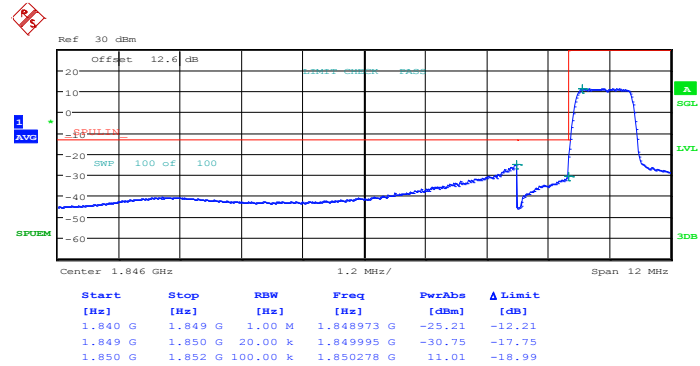
Date: 8.JAN.2014 19:38:25

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.908 G	1.910 G	100.00 k	1.909758 G	19.72	-10.28
1.910 G	1.911 G	20.00 k	1.910006 G	-24.29	-11.29
1.911 G	1.920 G	1.00 M	1.911009 G	-19.18	-6.18
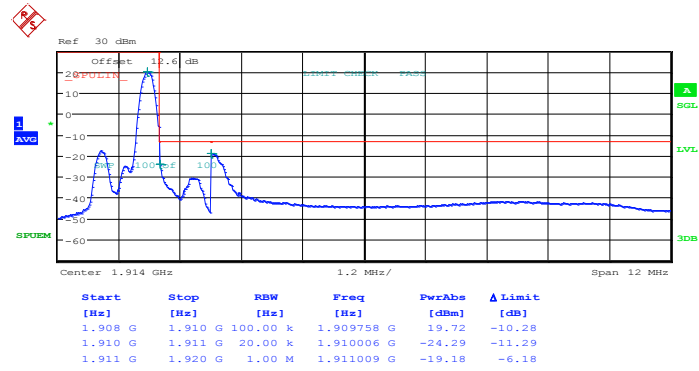
Date: 8.JAN.2014 19:39:50

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.908 G	1.910 G	100.00 k	1.908884 G	11.58	-18.42
1.910 G	1.911 G	20.00 k	1.910010 G	-30.88	-17.88
1.911 G	1.920 G	1.00 M	1.911009 G	-27.90	-14.90
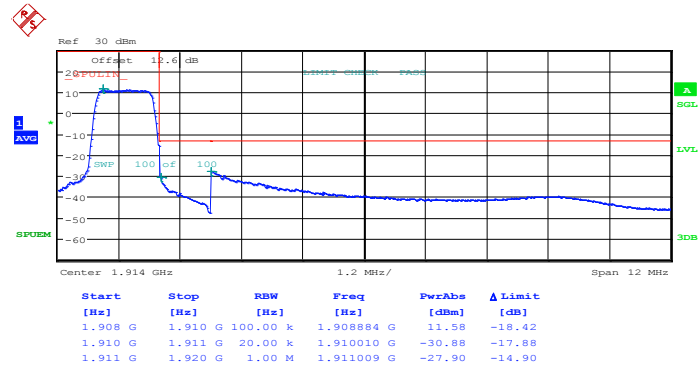
Date: 8.JAN.2014 19:41:15
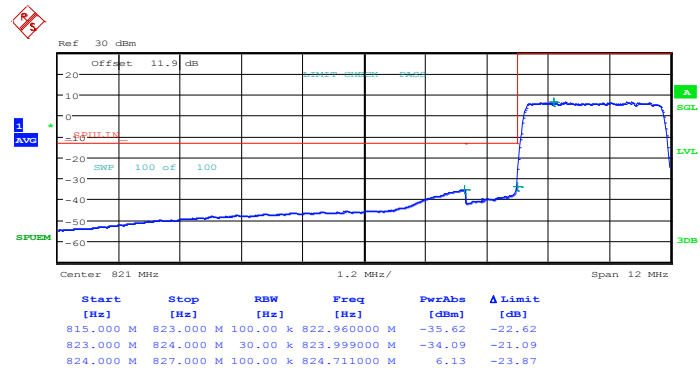
Band :	LTE Band 2	Band Width :	1.4MHz / 16QAM

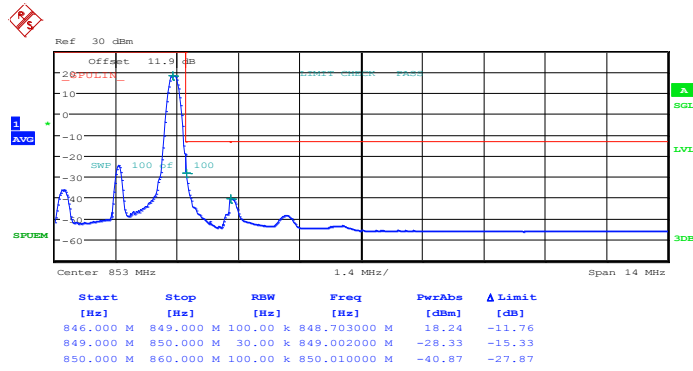### Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848991 G	-23.59	-10.59
1.849 G	1.850 G	20.00 k	1.849994 G	-27.06	-14.06
1.850 G	1.852 G	100.00 k	1.850268 G	18.42	-11.58
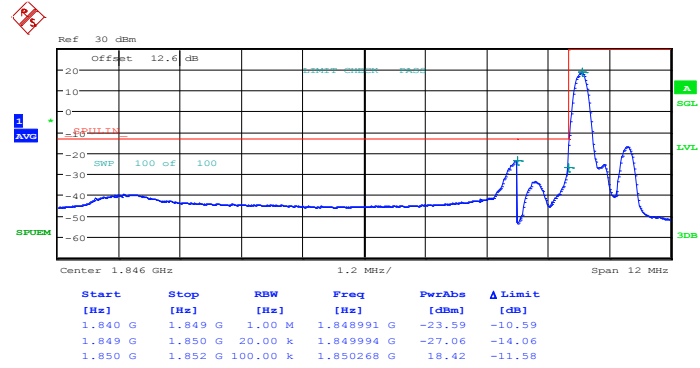
Date: 8.JAN.2014 19:37:43

Lower Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.849000 G	-25.93	-12.93
1.849 G	1.850 G	20.00 k	1.849997 G	-31.15	-18.15
1.850 G	1.852 G	100.00 k	1.851048 G	9.89	-20.11

Date: 8.JAN.2014 19:39:08

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Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 5

Ref 30 dBm
Offset 12.6 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.908 G	1.910 G	100.00 k	1.909734 G	18.19	-11.81
1.910 G	1.911 G	20.00 k	1.910004 G	-27.49	-14.49
1.911 G	1.920 G	1.00 M	1.911000 G	-21.53	-8.53
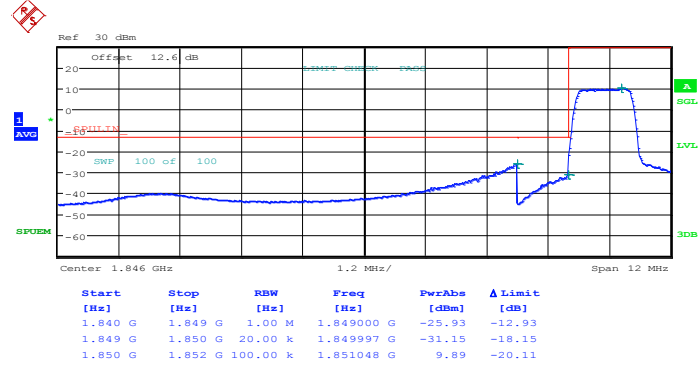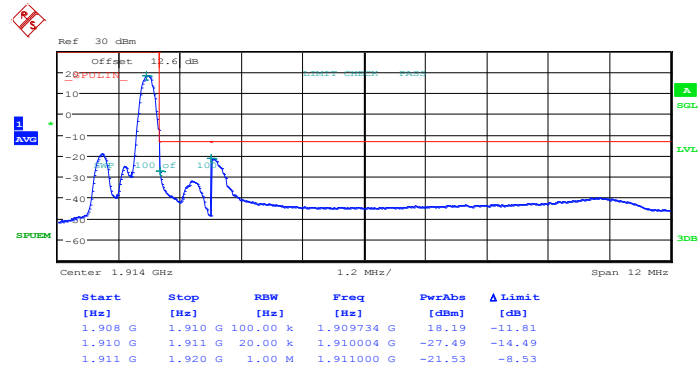
Date: 8.JAN.2014 19:40:32

Higher Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

Ref 30 dBm
Offset 12.6 dB

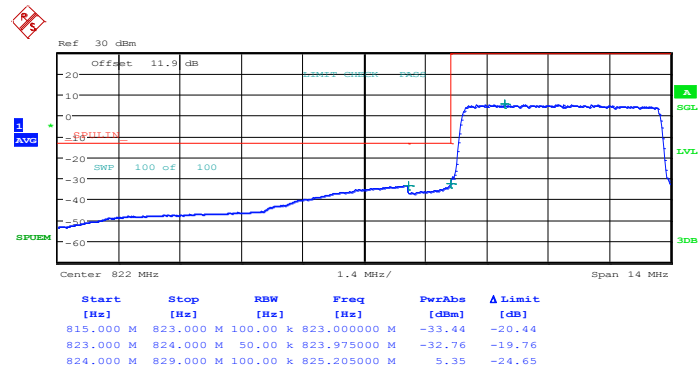| Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.908 G	1.910 G	100.00 k	1.909000 G	9.84	-20.16
1.910 G	1.911 G	20.00 k	1.910006 G	-32.50	-19.50
1.911 G	1.920 G	1.00 M	1.911009 G	-28.91	-15.91
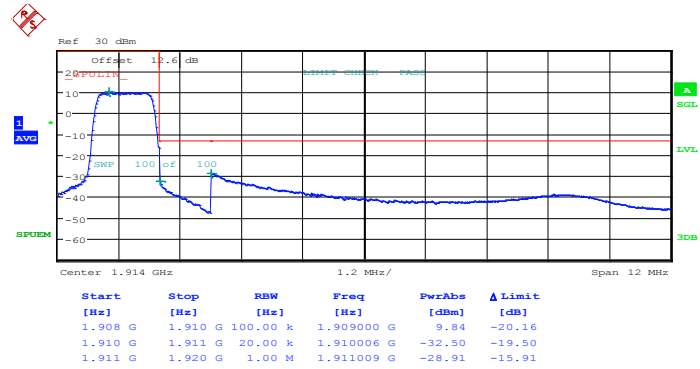
Date: 8.JAN.2014 19:41:57

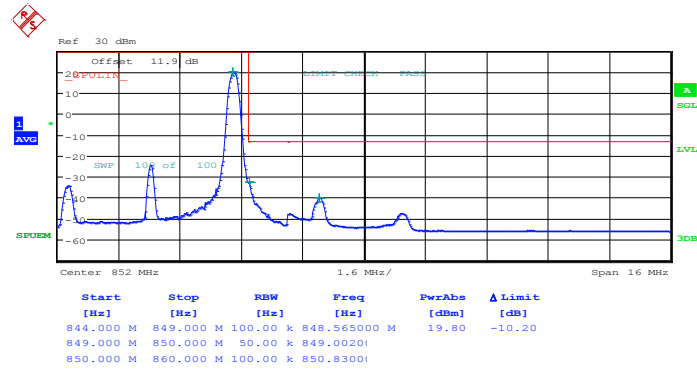| Band :	LTE Band 2	Band Width :	3MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.847821 G	−20.83	−7.83
1.849 G	1.850 G	30.00 k	1.849999 G	−23.81	−10.81
1.850 G	1.853 G	100.00 k	1.850267 G	19.88	−10.12
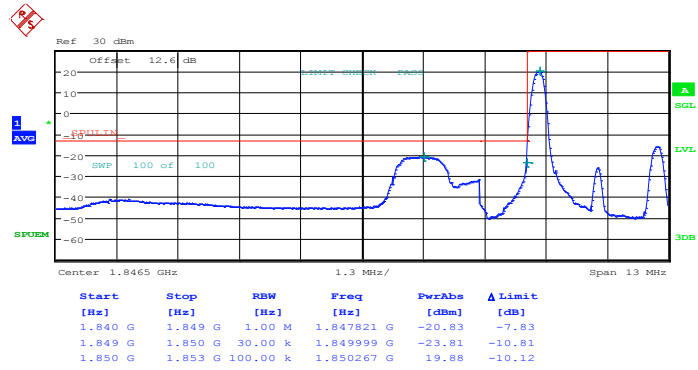
Date: 8.JAN.2014 19:44:47

Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848982 G	−20.88	−7.88
1.849 G	1.850 G	30.00 k	1.849990 G	−31.92	−18.92
1.850 G	1.853 G	100.00 k	1.850729 G	7.11	−22.89

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Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

Ref 30 dBm

Offset 12.6 dB

Center 1.9135 GHz   1.3 MHz/   Span 13 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.907 G	1.910 G	100.00 k	1.909763 G	20.10	-9.90
1.910 G	1.911 G	30.00 k	1.910007 G	-23.81	-10.81
1.911 G	1.920 G	1.00 M	1.912269 G	-19.19	-6.19

Date: 8.JAN.2014 19:47:37

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

Ref 30 dBm

Offset 12.6 dB

Center 1.9135 GHz   1.3 MHz/   Span 13 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.907 G	1.910 G	100.00 k	1.907807 G	6.92	-23.08
1.910 G	1.911 G	30.00 k	1.910010 G	-32.30	-19.30
1.911 G	1.920 G	1.00 M	1.911036 G	-24.81	-11.81
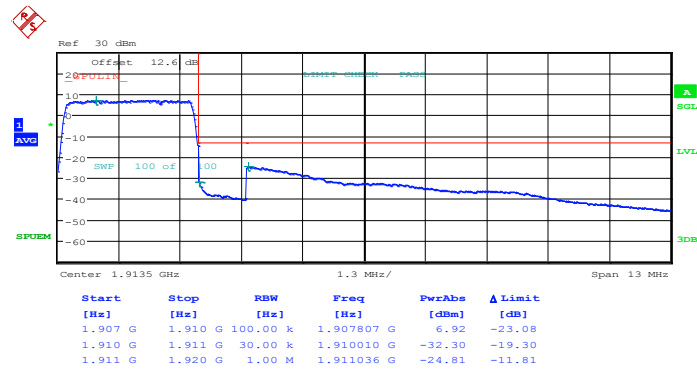
Date: 8.JAN.2014 19:52:13

Band :	LTE Band 2	Band Width :	3MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0
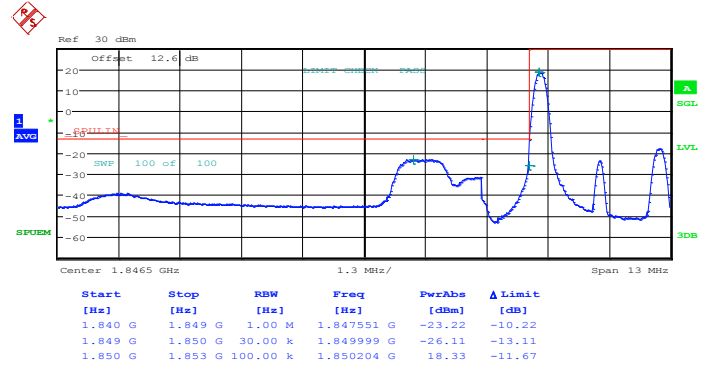
Date: 8.JAN.2014 19:45:30

Lower Band Edge Plot for 16QAM -RB Size 15, RB Offset 0
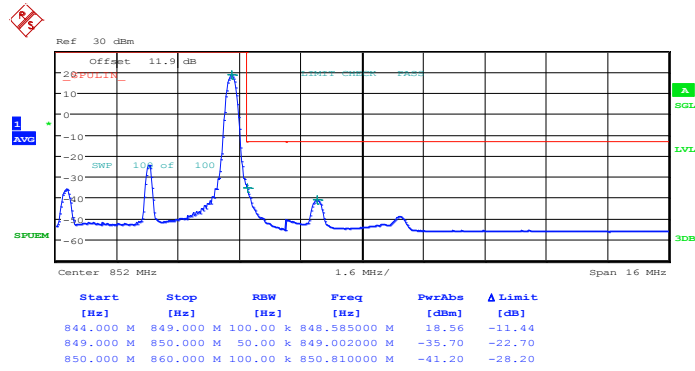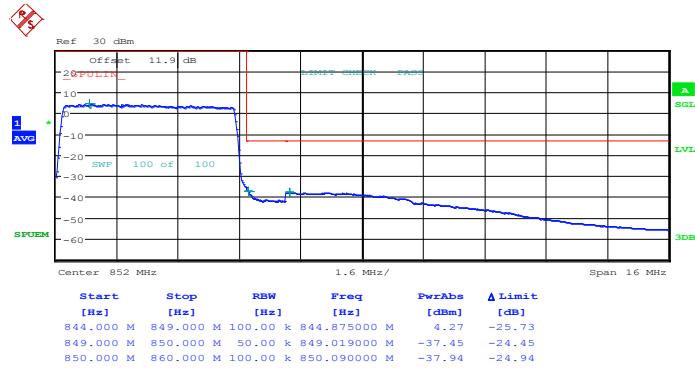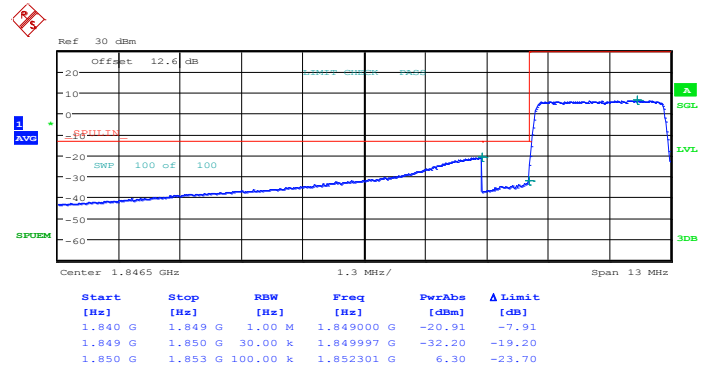

Date: 8.JAN.2014 19:46:55

Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 14

Ref 30 dBm
Offset 12.6 dB

Center 1.9135 GHz   1.3 MHz/   Span 13 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.907 G	1.910 G	100.00 k	1.909760 G	18.44	-11.56
1.910 G	1.911 G	30.00 k	1.910001 G	-26.06	-13.06
1.911 G	1.920 G	1.00 M	1.912332 G	-20.75	-7.75
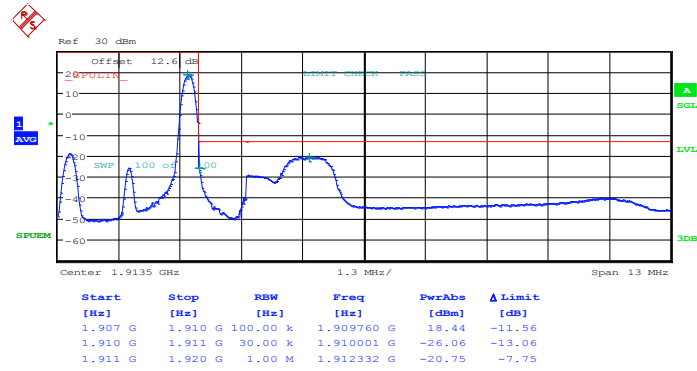
Date: 8.JAN.2014 19:48:19

Higher Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

Ref 30 dBm
Offset 12.6 dB

Center 1.9135 GHz   1.3 MHz/   Span 13 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.907 G	1.910 G	100.00 k	1.909067 G	5.91	-24.09
1.910 G	1.911 G	30.00 k	1.910001 G	-33.34	-20.34
1.911 G	1.920 G	1.00 M	1.911027 G	-24.84	-11.84
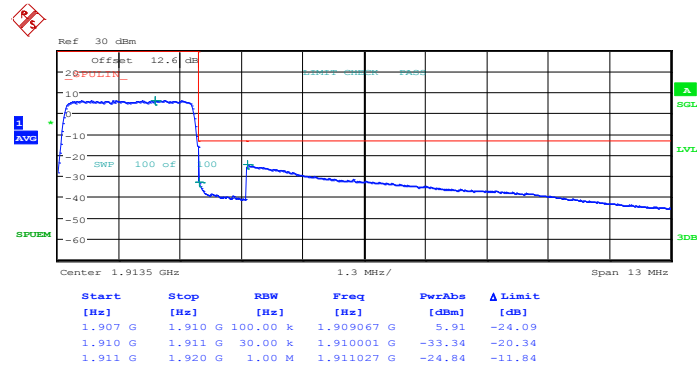
Date: 8.JAN.2014 19:52:55

Band :	LTE Band 2	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

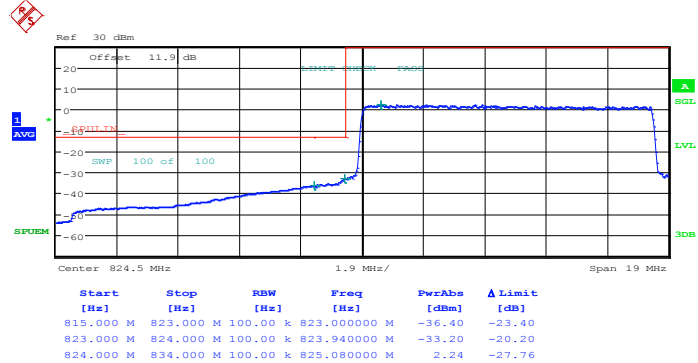| Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.845931 G	−21.46	−8.46
1.849 G	1.850 G	50.00 k	1.849994 G	−29.35	−16.35
1.850 G	1.855 G	100.00 k	1.850360 G	19.90	−10.10
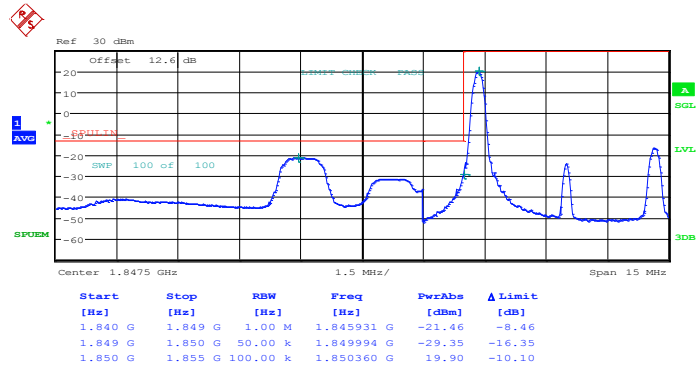
Date: 8.JAN.2014 19:53:42

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848892 G	−23.97	−10.97
1.849 G	1.850 G	50.00 k	1.849986 G	−32.85	−19.85
1.850 G	1.855 G	100.00 k	1.852740 G	5.09	−24.91

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Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24


```
Ref  30 dBm
    Offset  12.6 dB
 20 QPULIN                           LIMIT CHECK   PASS                    A
 10                                                                       SGL
  0
-10                                                                       LVL
-20
    SWP  100 of  100
-30
-40
-50
-60
                                                                         3DB
Center 1.9125 GHz              1.5 MHz/              Span 15 MHz
```

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.905 G	1.910 G	100.00 k	1.909660 G	19.52	-10.48
1.910 G	1.911 G	50.00 k	1.910009 G	-28.75	-15.75
1.911 G	1.920 G	1.00 M	1.913880 G	-19.87	-6.87

Date: 8.JAN.2014 19:56:31

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0


```
Ref  30 dBm
    Offset  12.6 dB
 20 QPULIN                           LIMIT CHECK   PASS                    A
 10                                                                       SGL
  0
-10                                                                       LVL
-20
    SWP  100 of  100
-30
-40
-50
-60
SPUEM                                                                    3DB
Center 1.9125 GHz              1.5 MHz/              Span 15 MHz
```

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.905 G	1.910 G	100.00 k	1.908240 G	5.11	-24.89
1.910 G	1.911 G	50.00 k	1.910012 G	-33.99	-20.99
1.911 G	1.920 G	1.00 M	1.911054 G	-26.72	-13.72
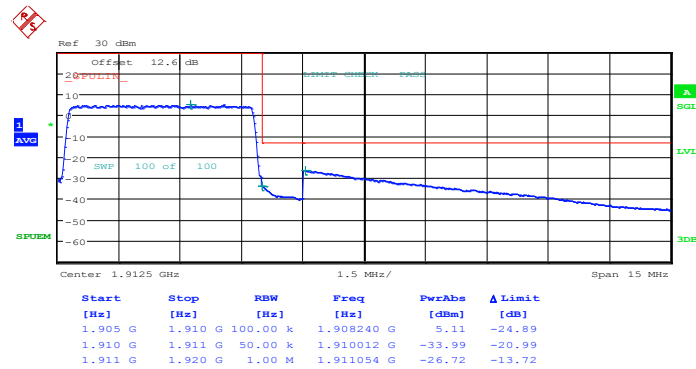
Date: 8.JAN.2014 19:57:56

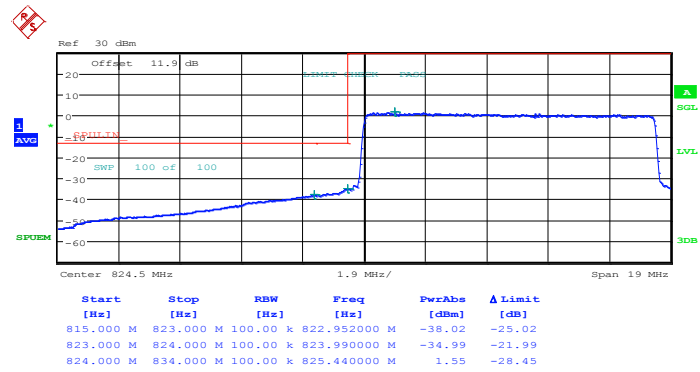| Band :	LTE Band 2	Band Width :	5MHz / 16QAM

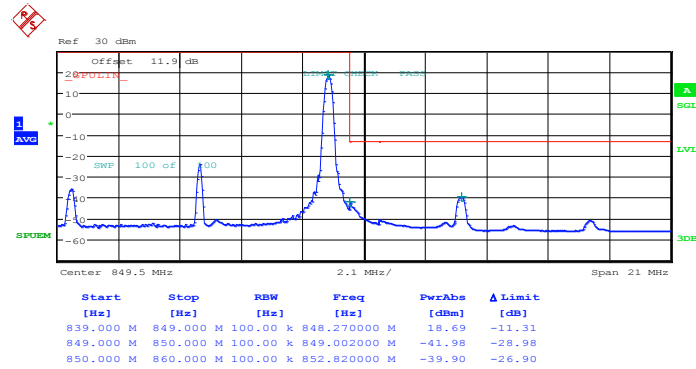### Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.845904 G	-23.25	-10.25
1.849 G	1.850 G	50.00 k	1.849999 G	-30.67	-17.67
1.850 G	1.855 G	100.00 k	1.850350 G	18.19	-11.81
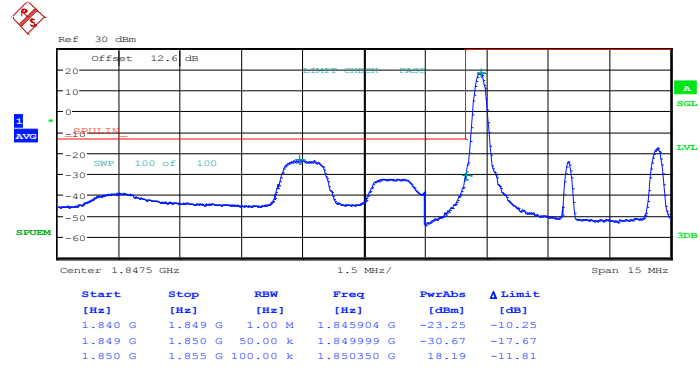
Date: 8.JAN.2014 19:54:24

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848991 G	-23.67	-10.67
1.849 G	1.850 G	50.00 k	1.849968 G	-34.00	-21.00
1.850 G	1.855 G	100.00 k	1.853785 G	3.96	-26.04

Date: 8.JAN.2014 19:55:49

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.905 G	1.910 G	100.00 k	1.909685 G	18.27	-11.73
1.910 G	1.911 G	50.00 k	1.910019 G	-32.09	-19.09
1.911 G	1.920 G	1.00 M	1.914087 G	-21.56	-8.56
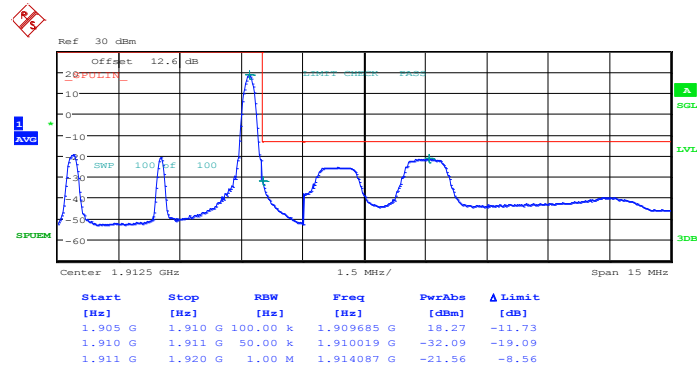
Date: 8.JAN.2014 19:57:14

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.905 G	1.910 G	100.00 k	1.906645 G	3.73	-26.27
1.910 G	1.911 G	50.00 k	1.910025 G	-35.69	-22.69
1.911 G	1.920 G	1.00 M	1.911009 G	-28.69	-15.69
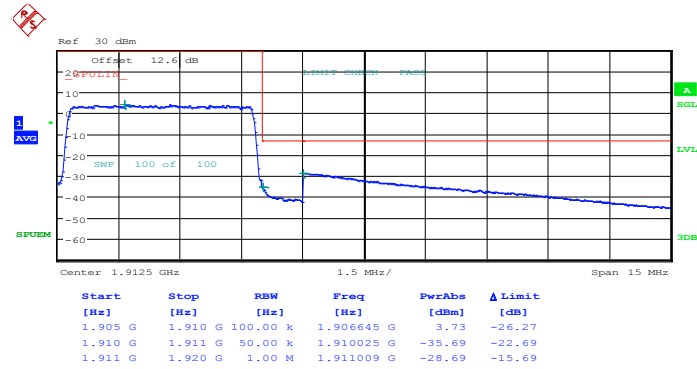
Date: 8.JAN.2014 19:58:39

Band :	LTE Band 2	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.841809 G	-22.00	-9.00
1.849 G	1.850 G	100.00 k	1.849969 G	-37.00	-24.00
1.850 G	1.860 G	100.00 k	1.850620 G	19.66	-10.34
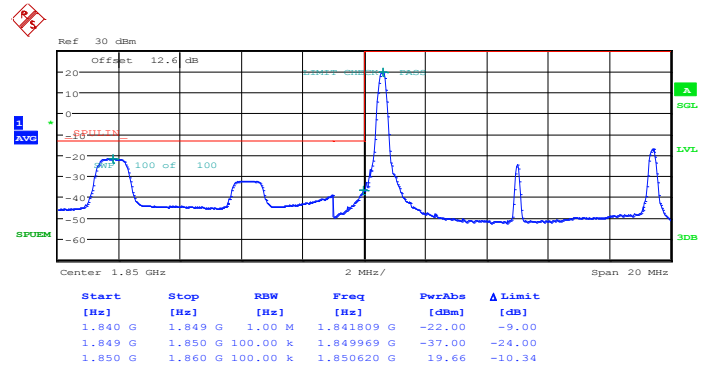
Date: 8.JAN.2014 19:59:25

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848964 G	-25.35	-12.35
1.849 G	1.850 G	100.00 k	1.849999 G	-33.73	-20.73
1.850 G	1.860 G	100.00 k	1.858350 G	2.08	-27.92
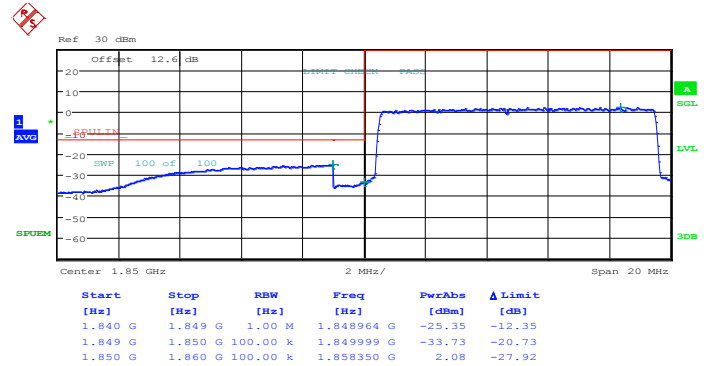
Date: 8.JAN.2014 20:00:50

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

Ref 30 dBm
Offset 12.6 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.900 G	1.910 G	100.00 k	1.909430 G	19.43	-10.57
1.910 G	1.911 G	100.00 k	1.910002 G	-36.54	-23.54
1.911 G	1.920 G	1.00 M	1.918290 G	-25.94	-12.94
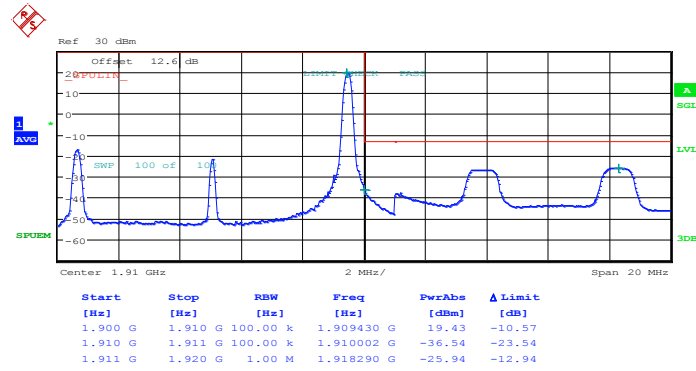
Date: 8.JAN.2014 20:02:15

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Ref 30 dBm
Offset 12.6 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.900 G	1.910 G	100.00 k	1.904240 G	1.95	-28.05
1.910 G	1.911 G	100.00 k	1.910011 G	-35.42	-22.42
1.911 G	1.920 G	1.00 M	1.911027 G	-30.00	-17.00
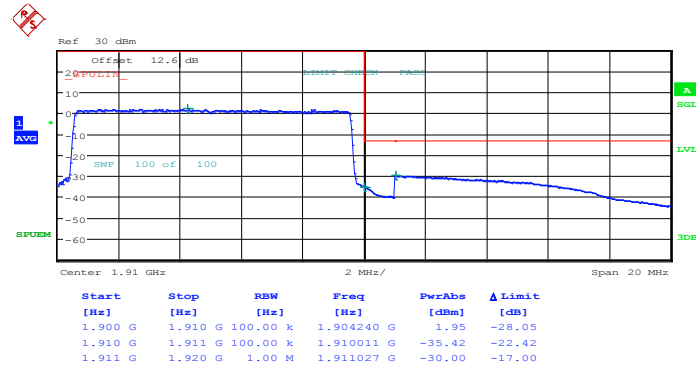
Date: 8.JAN.2014 20:03:40

Band :	LTE Band 2	Band Width :	10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.841980 G	-23.93	-10.93
1.849 G	1.850 G	100.00 k	1.849991 G	-39.25	-26.25
1.850 G	1.860 G	100.00 k	1.850560 G	17.93	-12.07
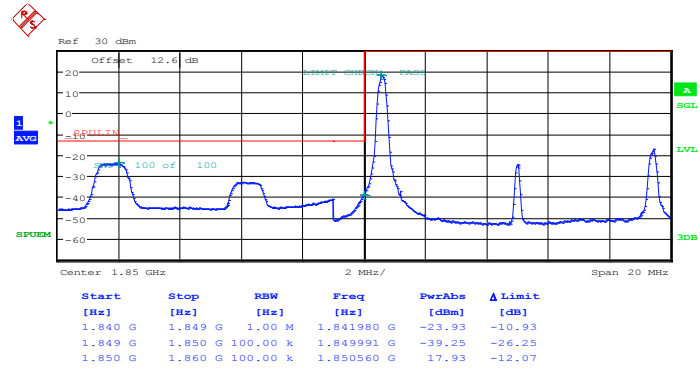
Date: 8.JAN.2014 20:00:08

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848577 G	-26.34	-13.34
1.849 G	1.850 G	100.00 k	1.849982 G	-34.72	-21.72
1.850 G	1.860 G	100.00 k	1.856920 G	0.98	-29.02

Date: 8.JAN.2014 20:01:32

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

Ref 30 dBm
    Offset 12.6 dB

Center 1.91 GHz   2 MHz/   Span 20 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.900 G	1.910 G	100.00 k	1.909430 G	18.20	-11.80
1.910 G	1.911 G	100.00 k	1.910002 G	-38.79	-25.79
1.911 G	1.920 G	1.00 M	1.918272 G	-26.10	-13.10
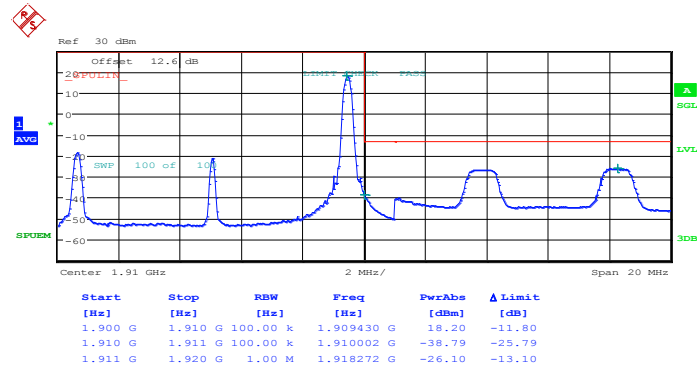
Date: 8.JAN.2014 20:02:57

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Ref 30 dBm
    Offset 12.6 dB

Center 1.91 GHz   2 MHz/   Span 20 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.900 G	1.910 G	100.00 k	1.900870 G	0.80	-29.20
1.910 G	1.911 G	100.00 k	1.910008 G	-37.57	-24.57
1.911 G	1.920 G	1.00 M	1.911027 G	-31.12	-18.12
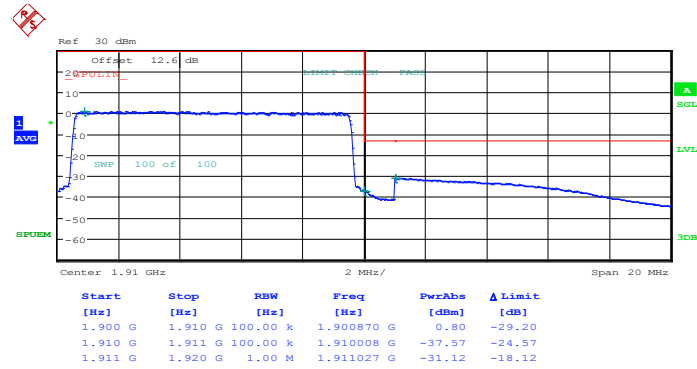
Date: 8.JAN.2014 20:04:22

Band :	LTE Band 2	Band Width :	15MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.844293 G	-27.92	-14.92
1.849 G	1.850 G	150.00 k	1.849989 G	-36.04	-23.04
1.850 G	1.865 G	100.00 k	1.850825 G	19.85	-10.15
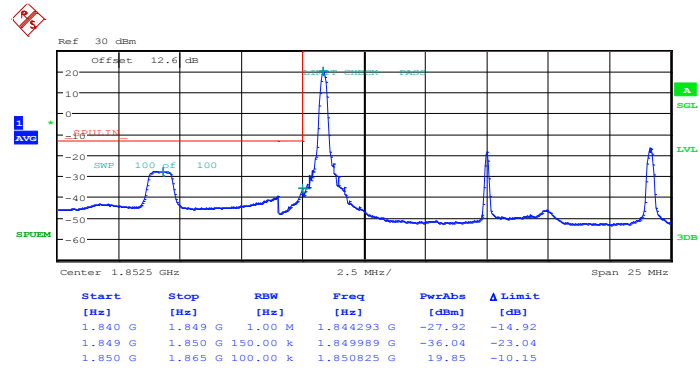
Date: 8.JAN.2014 20:05:09

Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848658 G	-26.53	-13.53
1.849 G	1.850 G	150.00 k	1.849874 G	-34.48	-21.48
1.850 G	1.865 G	100.00 k	1.860260 G	0.69	-29.31
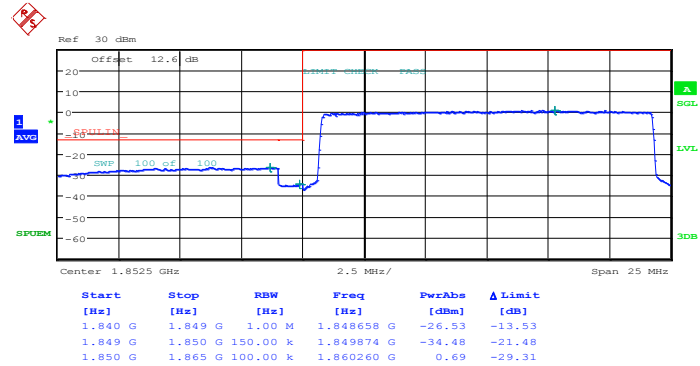
Date: 8.JAN.2014 20:06:34

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74

Start	Stop	RBW	Freq	PwrAbs	△ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.895 G	1.910 G	100.00 k	1.909205 G	20.07	-9.93
1.910 G	1.911 G	150.00 k	1.910043 G	-35.16	-22.16
1.911 G	1.920 G	1.00 M	1.915815 G	-27.65	-14.65
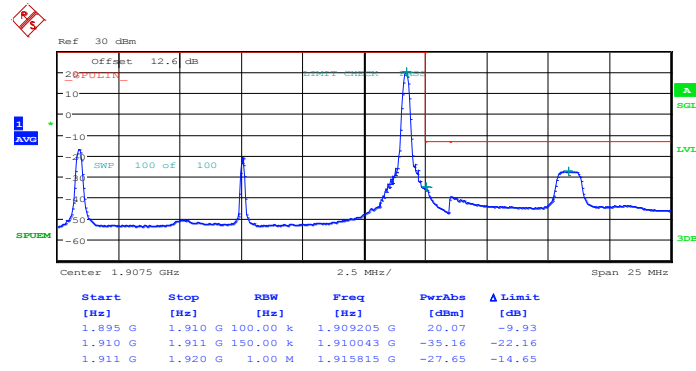
Date: 8.JAN.2014 20:07:59

Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	△ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.895 G	1.910 G	100.00 k	1.896890 G	0.57	-29.43
1.910 G	1.911 G	150.00 k	1.910004 G	-34.48	-21.48
1.911 G	1.920 G	1.00 M	1.911000 G	-28.87	-15.87
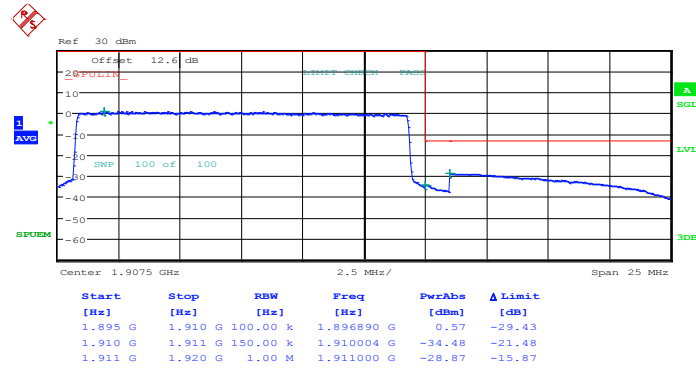
Date: 8.JAN.2014 20:09:23

Band :	LTE Band 2	Band Width :	15MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.844302 G	-28.57	-15.57
1.849 G	1.850 G	150.00 k	1.849997 G	-37.43	-24.43
1.850 G	1.865 G	100.00 k	1.850855 G	18.46	-11.54
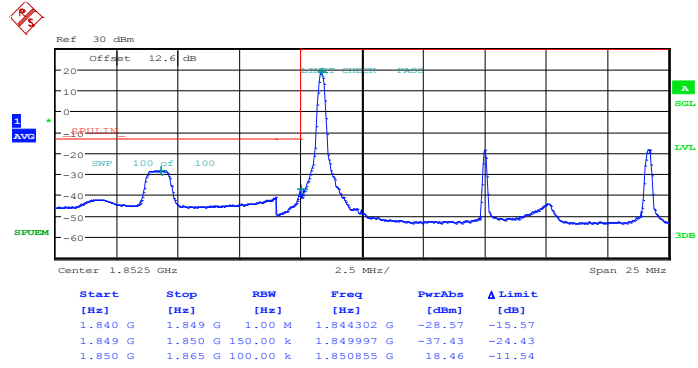
Date: 8.JAN.2014 20:05:51

Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.848892 G	-27.86	-14.86
1.849 G	1.850 G	150.00 k	1.849990 G	-35.41	-22.41
1.850 G	1.865 G	100.00 k	1.862060 G	-0.29	-30.29
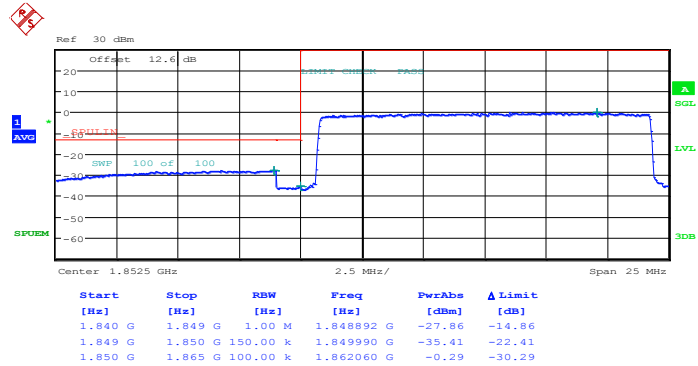
Date: 8.JAN.2014 20:07:16

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.895 G	1.910 G	100.00 k	1.909205 G	18.29	-11.71
1.910 G	1.911 G	150.00 k	1.910010 G	-36.95	-23.95
1.911 G	1.920 G	1.00 M	1.915698 G	-27.61	-14.61
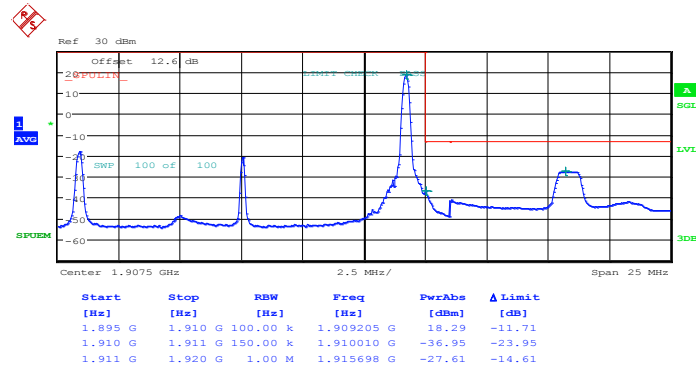
Date: 8.JAN.2014 20:08:41

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.895 G	1.910 G	100.00 k	1.897415 G	-0.50	-30.50
1.910 G	1.911 G	150.00 k	1.910046 G	-36.32	-23.32
1.911 G	1.920 G	1.00 M	1.911090 G	-29.91	-16.91
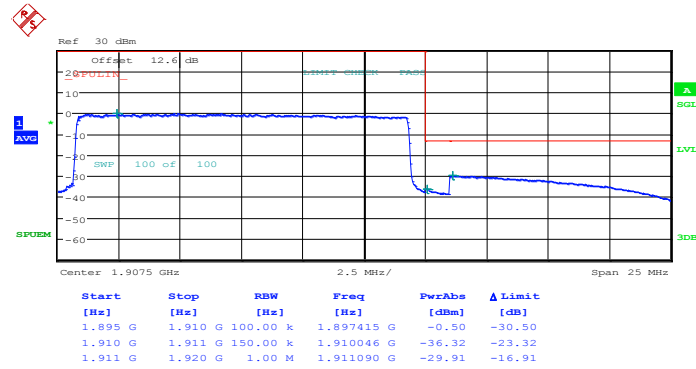
Date: 8.JAN.2014 20:10:06

Band :	LTE Band 2	Band Width :	20MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.842277 G	-28.75	-15.75
1.849 G	1.850 G	200.00 k	1.849982 G	-38.62	-25.62
1.850 G	1.870 G	100.00 k	1.851100 G	19.74	-10.26
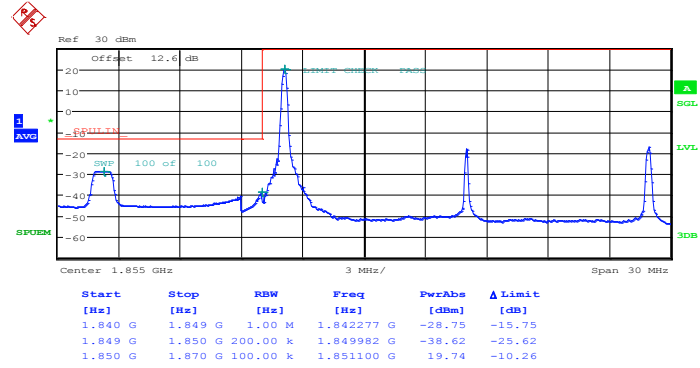
Date: 8.JAN.2014 20:10:53

Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.841215 G	-26.06	-13.06
1.849 G	1.850 G	200.00 k	1.849193 G	-33.18	-20.18
1.850 G	1.870 G	100.00 k	1.863120 G	-0.54	-30.54
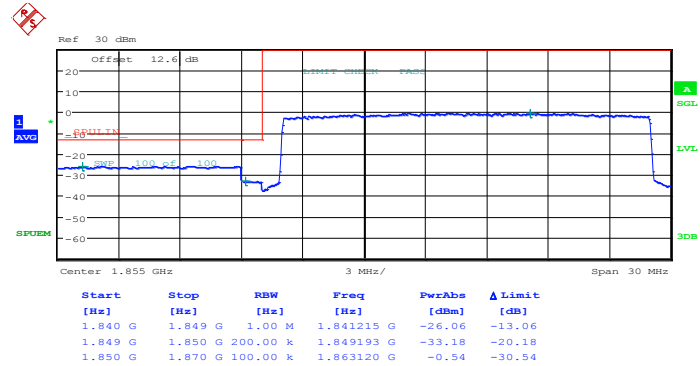
Date: 8.JAN.2014 20:12:17

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99

Ref 30 dBm
Offset 12.6 dB

LIMIT CHECK PASS

Center 1.905 GHz   3 MHz/   Span 30 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.890 G	1.910 G	100.00 k	1.908940 G	19.30	-10.70
1.910 G	1.911 G	200.00 k	1.910013 G	-37.18	-24.18
1.911 G	1.920 G	1.00 M	1.917876 G	-30.19	-17.19
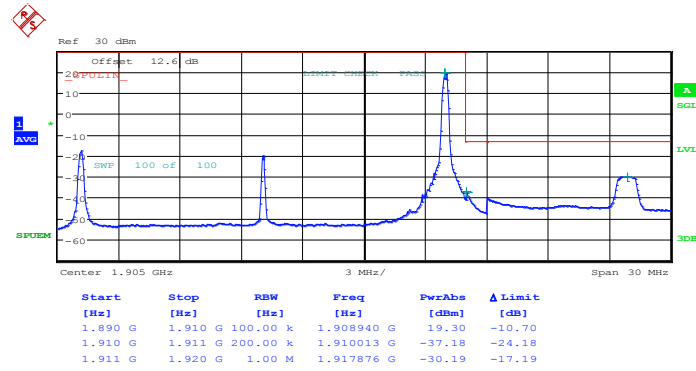
Date: 8.JAN.2014 20:13:42

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0

Ref 30 dBm
Offset 12.6 dB

LIMIT CHECK PASS

Center 1.905 GHz   3 MHz/   Span 30 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.890 G	1.910 G	100.00 k	1.897140 G	-0.18	-30.18
1.910 G	1.911 G	200.00 k	1.910078 G	-33.09	-20.09
1.911 G	1.920 G	1.00 M	1.911027 G	-28.14	-15.14
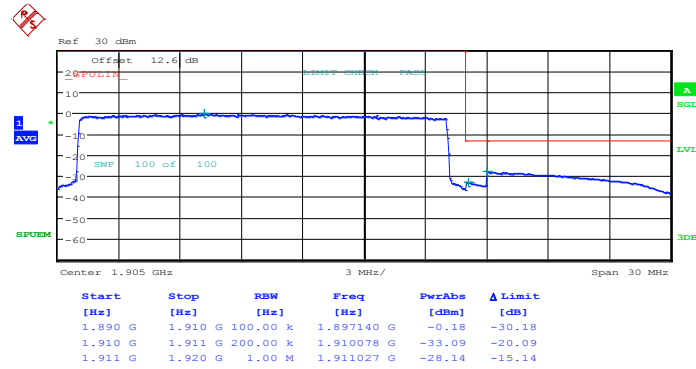
Date: 8.JAN.2014 20:15:07

Band :	LTE Band 2	Band Width :	20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0


```
Ref   30 dBm
    Offset   12.6 dB
-20
-10
  0
-10
-20
-30
-40
-50
-60
    Center  1.855 GHz          3 MHz/          Span 30 MHz
```

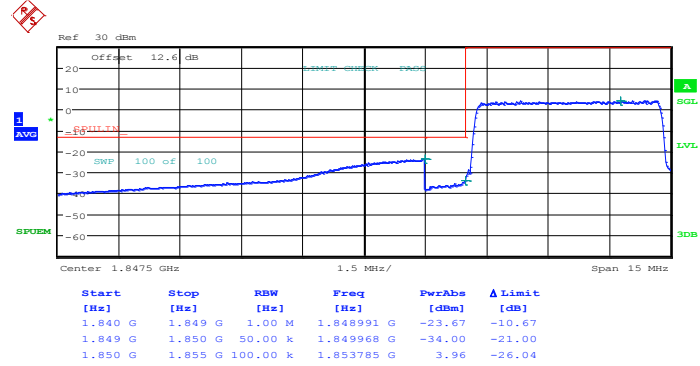| Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.842079 G	-29.25	-16.25
1.849 G	1.850 G	200.00 k	1.849993 G	-40.63	-27.63
1.850 G	1.870 G	100.00 k	1.851100 G	18.15	-11.85
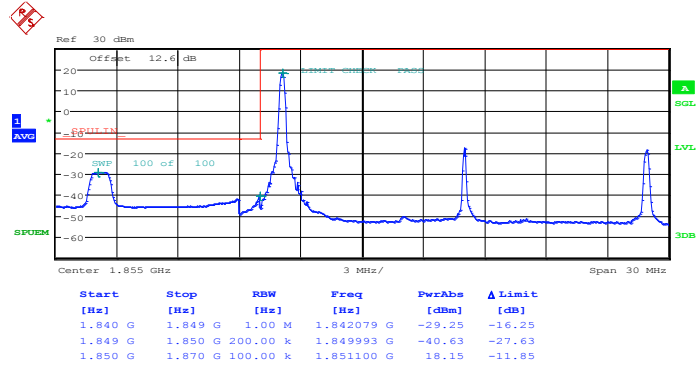
Date: 8.JAN.2014 20:11:35

Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0


```
Ref   30 dBm
    Offset   12.6 dB
-20
-10
  0
-10
-20
-30
-40
-50
-60
    Center  1.855 GHz          3 MHz/          Span 30 MHz
```

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.840 G	1.849 G	1.00 M	1.845220 G	-27.01	-14.01
1.849 G	1.850 G	200.00 k	1.849122 G	-33.93	-20.93
1.850 G	1.870 G	100.00 k	1.862860 G	-1.31	-31.31

Date: 8.JAN.2014 20:13:00

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Report Template No.: BU5-FGLTE Version 1.0

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99


```
Ref  30 dBm
     Offset  12.6 dB
                                   LIMIT CHECK   PASS          A
                                                              SGL
1
AVG
            SWP   100 of   100                                LVL

SPUEM                                                         3DB
Center 1.905 GHz              3 MHz/              Span 30 MHz
```

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.890 G	1.910 G	100.00 k	1.908940 G	18.23	-11.77
1.910 G	1.911 G	200.00 k	1.910002 G	-40.06	-27.06
1.911 G	1.920 G	1.00 M	1.917822 G	-29.77	-16.77

Date: 8.JAN.2014 20:14:25

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0


```
Ref  30 dBm
     Offset  12.6 dB
                                   LIMIT CHECK   PASS          A
                                                              SGL
1
AVG
            SWP   100 of   100                                LVL

SPUEM                                                         3DB
Center 1.905 GHz              3 MHz/              Span 30 MHz
```

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.890 G	1.910 G	100.00 k	1.900580 G	-1.52	-31.52
1.910 G	1.911 G	200.00 k	1.910263 G	-34.71	-21.71
1.911 G	1.920 G	1.00 M	1.911288 G	-28.92	-15.92
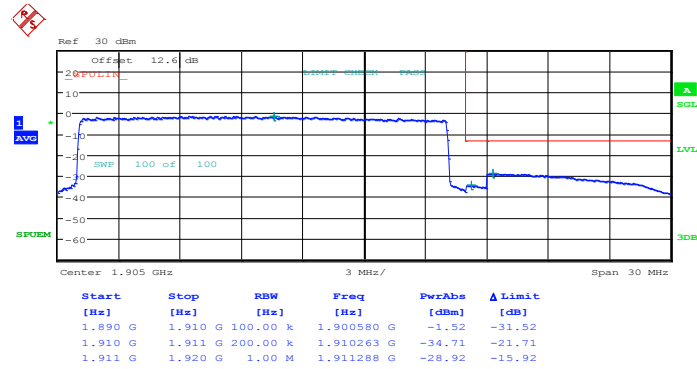
Date: 8.JAN.2014 20:15:50

Band :	LTE Band 4	Band Width :	1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.709000 G	-22.62	-9.62
1.709 G	1.710 G	20.00 k	1.709998 G	-27.19	-14.19
1.710 G	1.712 G	100.00 k	1.710242 G	20.09	-9.91
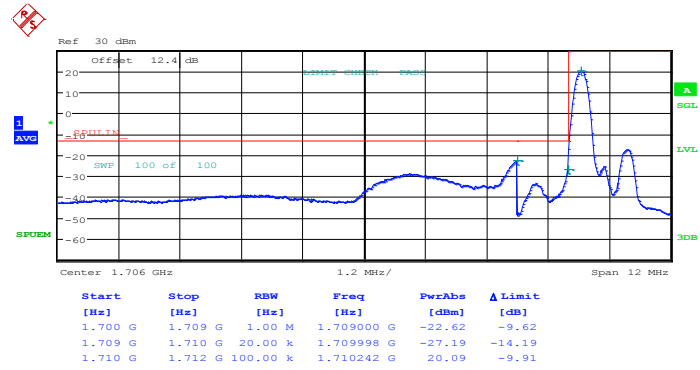
Date: 8.JAN.2014 20:17:52

Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708928 G	-26.97	-13.97
1.709 G	1.710 G	20.00 k	1.709980 G	-32.84	-19.84
1.710 G	1.712 G	100.00 k	1.710440 G	11.08	-18.92
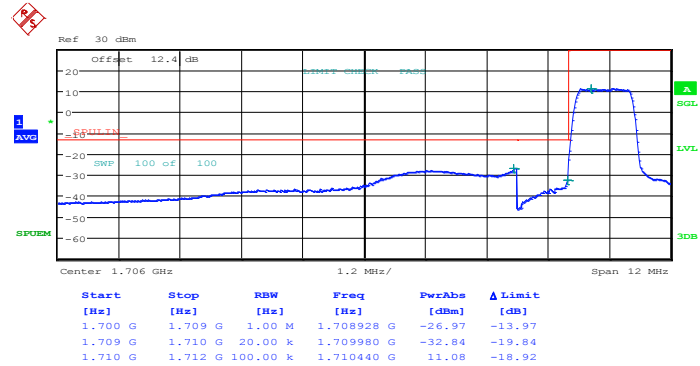
Date: 8.JAN.2014 20:19:17

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.753 G	1.755 G	100.00 k	1.754768 G	19.97	-10.03
1.755 G	1.756 G	20.00 k	1.755001 G	-25.77	-12.77
1.756 G	1.765 G	1.00 M	1.756027 G	-22.15	-9.15
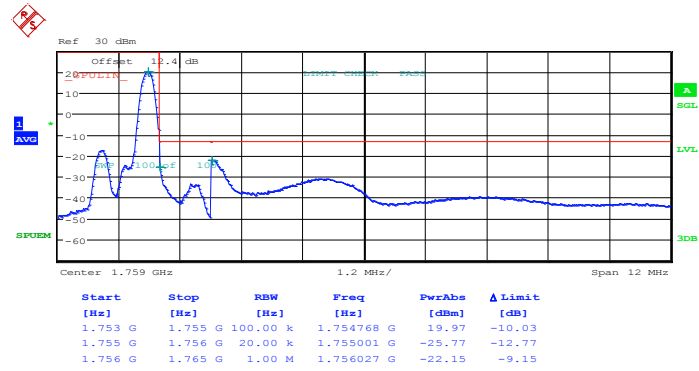
Date: 8.JAN.2014 20:20:42

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

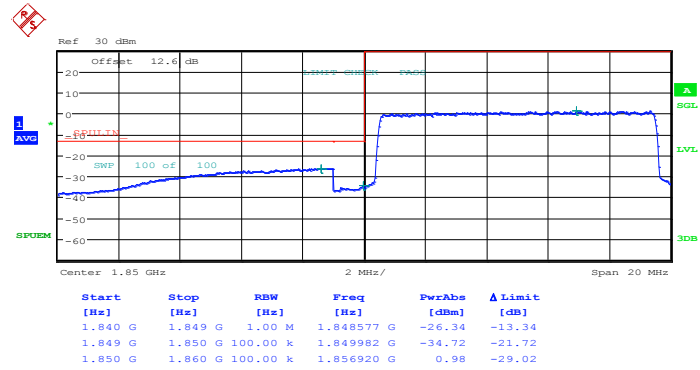| Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.753 G	1.755 G	100.00 k	1.754666 G	11.11	-18.89
1.755 G	1.756 G	20.00 k	1.755003 G	-29.95	-16.95
1.756 G	1.765 G	1.00 M	1.756045 G	-24.54	-11.54
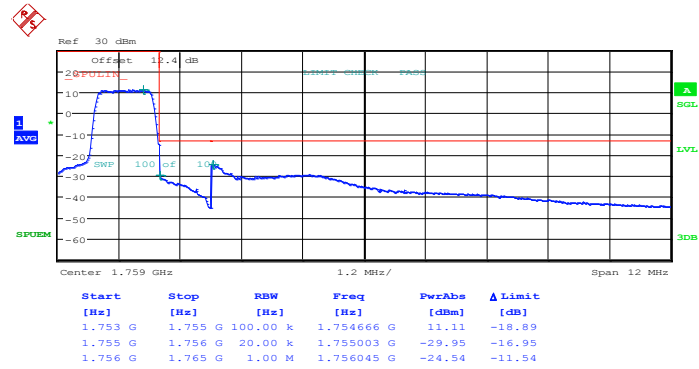
Date: 8.JAN.2014 20:22:07

Band :	LTE Band 4	Band Width :	1.4MHz / 16QAM

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.709000 G	-24.37	-11.37
1.709 G	1.710 G	20.00 k	1.709988 G	-29.80	-16.80
1.710 G	1.712 G	100.00 k	1.710240 G	18.47	-11.53
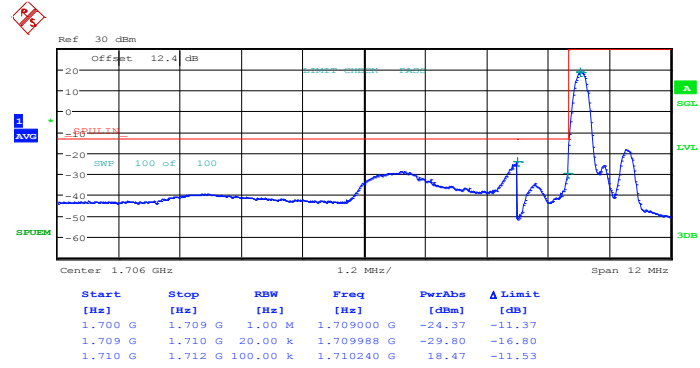
Date: 8.JAN.2014 20:18:35

Lower Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.709000 G	-27.29	-14.29
1.709 G	1.710 G	20.00 k	1.709998 G	-33.64	-20.64
1.710 G	1.712 G	100.00 k	1.711110 G	9.94	-20.06
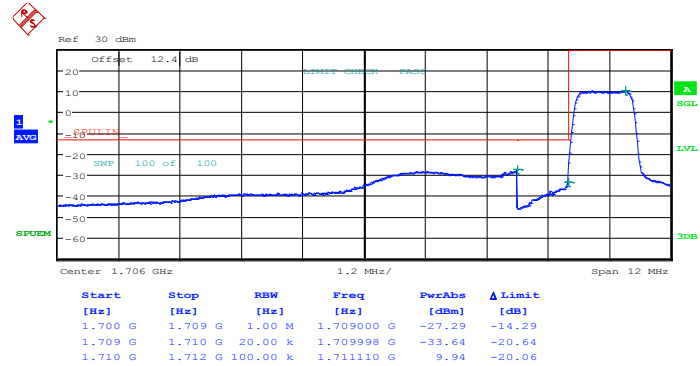
Date: 8.JAN.2014 20:20:00

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 5

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.753 G	1.755 G	100.00 k	1.754742 G	18.09	−11.91
1.755 G	1.756 G	20.00 k	1.755006 G	−27.26	−14.26
1.756 G	1.765 G	1.00 M	1.756009 G	−24.26	−11.26
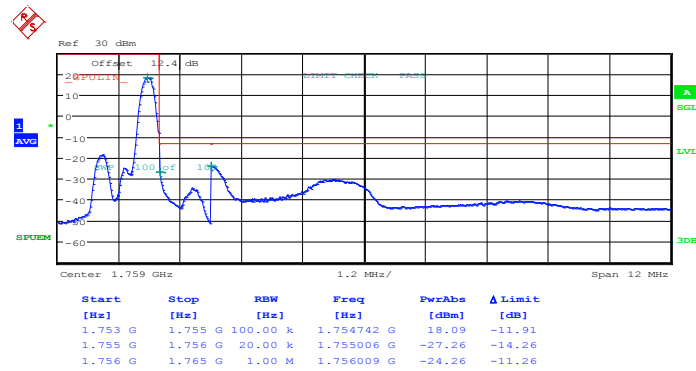
Date: 8.JAN.2014 20:21:25

Higher Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.753 G	1.755 G	100.00 k	1.754176 G	10.04	−19.96
1.755 G	1.756 G	20.00 k	1.755007 G	−30.14	−17.14
1.756 G	1.765 G	1.00 M	1.756000 G	−25.20	−12.20
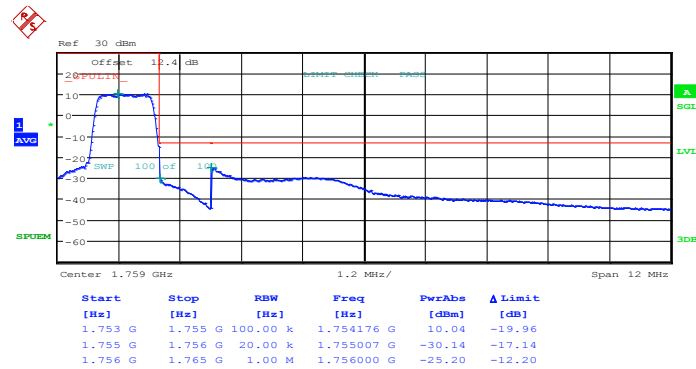
Date: 8.JAN.2014 20:22:49

Band :	LTE Band 4	Band Width :	3MHz / QPSK
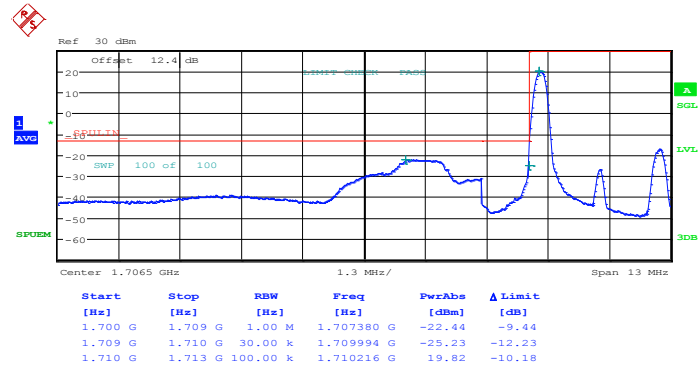
Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Date: 8.JAN.2014 20:24:52

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.707380 G	-22.44	-9.44
1.709 G	1.710 G	30.00 k	1.709994 G	-25.23	-12.23
1.710 G	1.713 G	100.00 k	1.710216 G	19.82	-10.18

Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

Date: 8.JAN.2014 20:26:17

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708946 G	-22.00	-9.00
1.709 G	1.710 G	30.00 k	1.709993 G	-33.32	-20.32
1.710 G	1.713 G	100.00 k	1.710681 G	6.98	-23.02

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.752 G	1.755 G	100.00 k	1.754799 G	19.55	-10.45
1.755 G	1.756 G	30.00 k	1.755006 G	-25.61	-12.61
1.756 G	1.765 G	1.00 M	1.757467 G	-21.16	-8.16
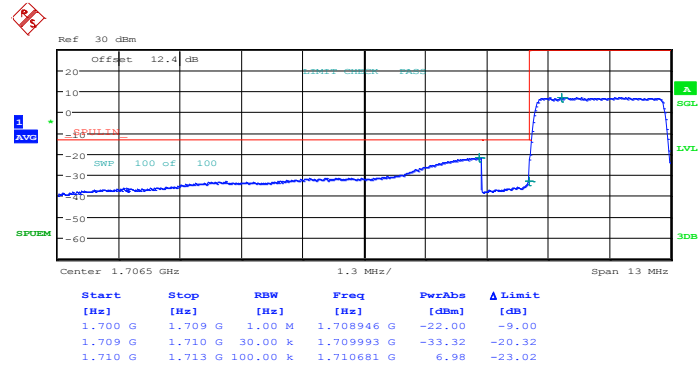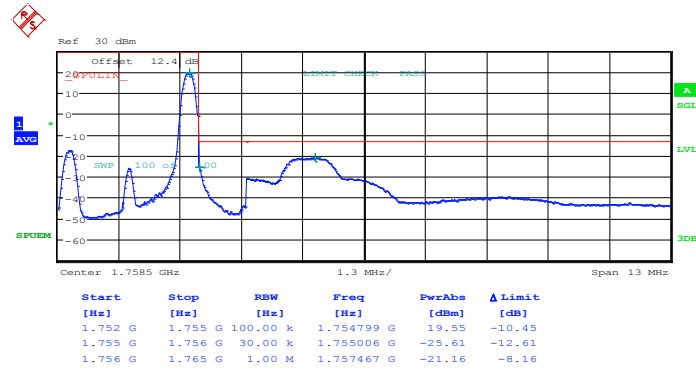
Date: 8.JAN.2014 20:27:42

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.752 G	1.755 G	100.00 k	1.754232 G	7.31	-22.69
1.755 G	1.756 G	30.00 k	1.755003 G	-30.96	-17.96
1.756 G	1.765 G	1.00 M	1.756054 G	-20.53	-7.53
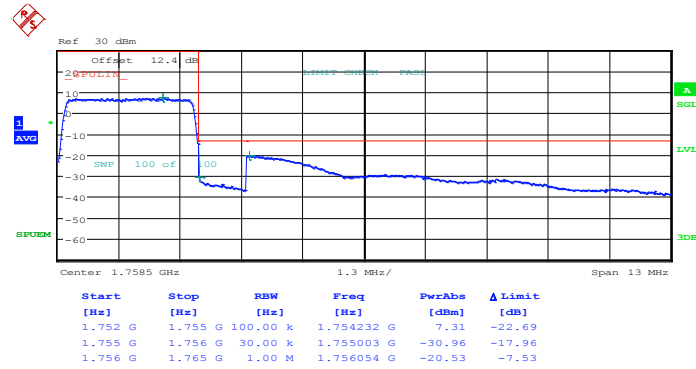
Date: 8.JAN.2014 20:29:07

Band :	LTE Band 4	Band Width :	3MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0


```
Ref   30 dBm
   Offset   12.4 dB
```

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.707650 G	-24.50	-11.50
1.709 G	1.710 G	30.00 k	1.709996 G	-28.89	-15.89
1.710 G	1.713 G	100.00 k	1.710219 G	18.39	-11.61
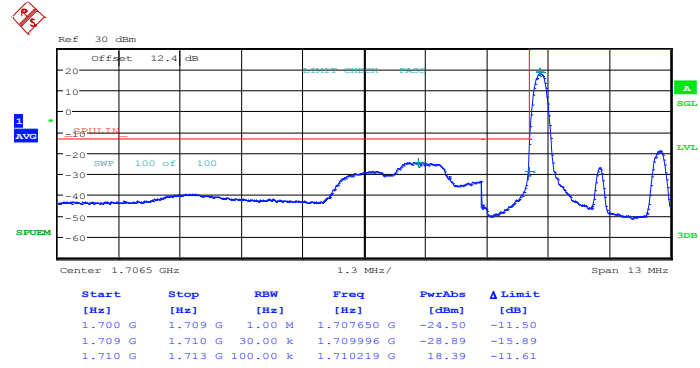
Date: 8.JAN.2014 20:25:34

Lower Band Edge Plot for 16QAM-RB Size 15, RB Offset 0


```
Ref   30 dBm
   Offset   12.4 dB
```

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708982 G	-22.83	-9.83
1.709 G	1.710 G	30.00 k	1.709993 G	-33.87	-20.87
1.710 G	1.713 G	100.00 k	1.710522 G	6.10	-23.90
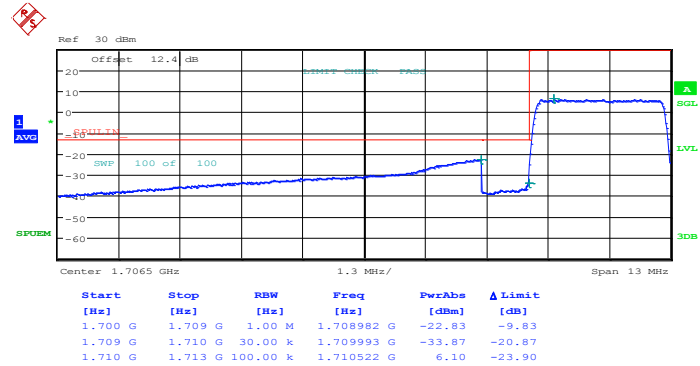
Date: 8.JAN.2014 20:26:59

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 14

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.752 G	1.755 G	100.00 k	1.754787 G	18.34	-11.66
1.755 G	1.756 G	30.00 k	1.755001 G	-26.69	-13.69
1.756 G	1.765 G	1.00 M	1.757215 G	-23.29	-10.29
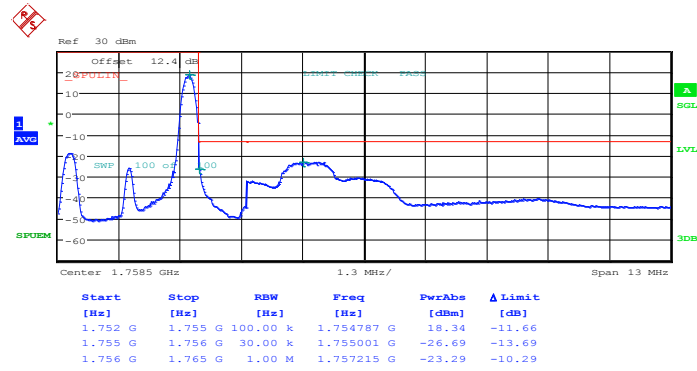
Date: 8.JAN.2014 20:28:24

Higher Band Edge Plot for 16QAM-RB Size 15, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.752 G	1.755 G	100.00 k	1.753809 G	6.01	-23.99
1.755 G	1.756 G	30.00 k	1.755006 G	-31.78	-18.78
1.756 G	1.765 G	1.00 M	1.756000 G	-21.05	-8.05
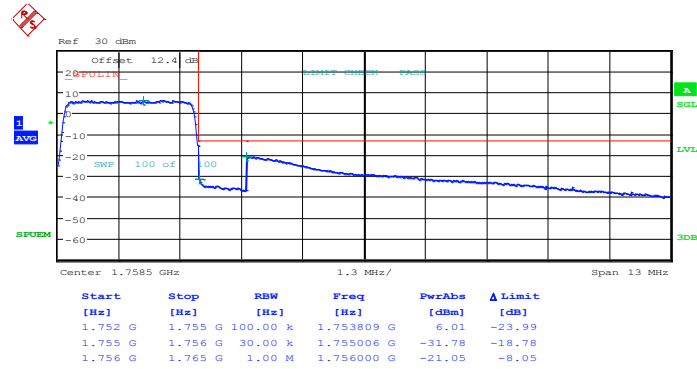
Date: 8.JAN.2014 20:29:49

Band :	LTE Band 4	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.706237 G	-22.56	-9.56
1.709 G	1.710 G	50.00 k	1.709997 G	-30.96	-17.96
1.710 G	1.715 G	100.00 k	1.710340 G	19.44	-10.56
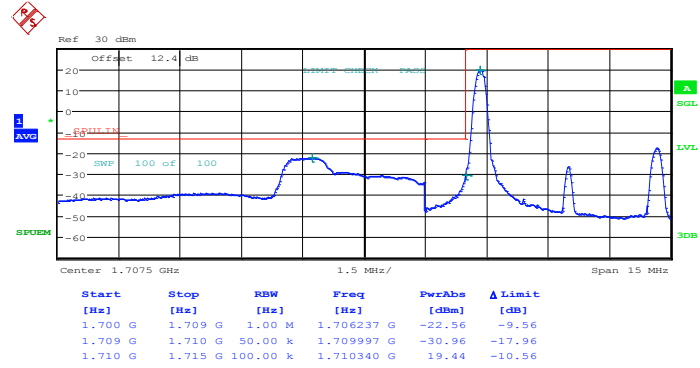
Date: 8.JAN.2014 20:30:36

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.709000 G	-22.98	-9.98
1.709 G	1.710 G	50.00 k	1.709988 G	-32.68	-19.68
1.710 G	1.715 G	100.00 k	1.714270 G	4.89	-25.11
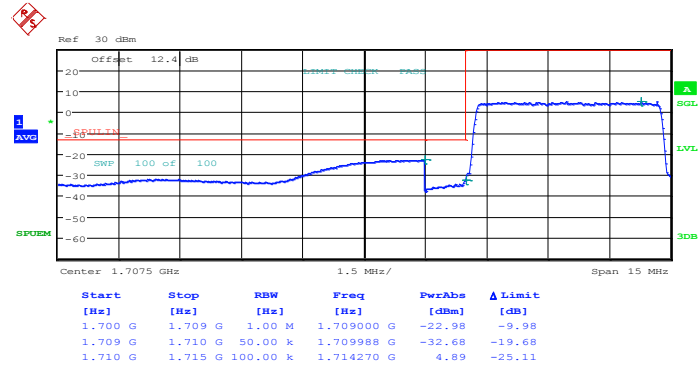
Date: 8.JAN.2014 20:32:01

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	△Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.750 G	1.755 G	100.00 k	1.754660 G	19.48	-10.52
1.755 G	1.756 G	50.00 k	1.755001 G	-28.85	-15.85
1.756 G	1.765 G	1.00 M	1.759015 G	-20.45	-7.45
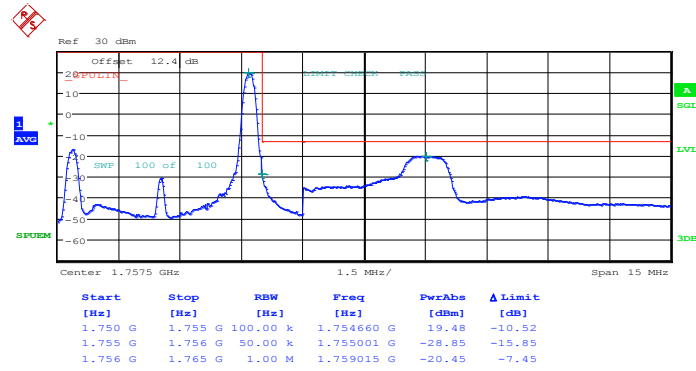
Date: 8.JAN.2014 20:33:25

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	△Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.750 G	1.755 G	100.00 k	1.752805 G	4.83	-25.17
1.755 G	1.756 G	50.00 k	1.755005 G	-32.59	-19.59
1.756 G	1.765 G	1.00 M	1.756009 G	-22.58	-9.58
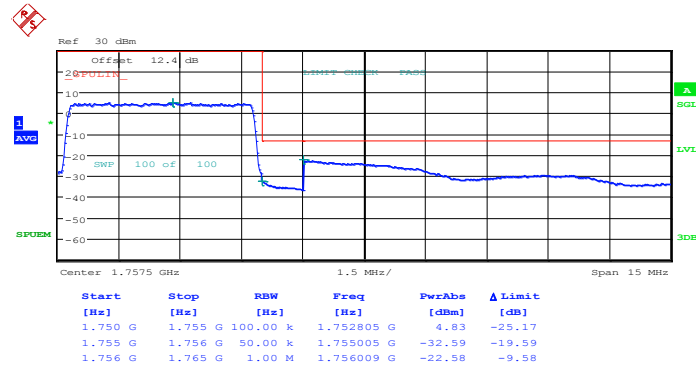
Date: 8.JAN.2014 20:34:50

Band :	LTE Band 4	Band Width :	5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.706138 G	-23.50	-10.50
1.709 G	1.710 G	50.00 k	1.709998 G	-32.12	-19.12
1.710 G	1.715 G	100.00 k	1.710360 G	18.01	-11.99
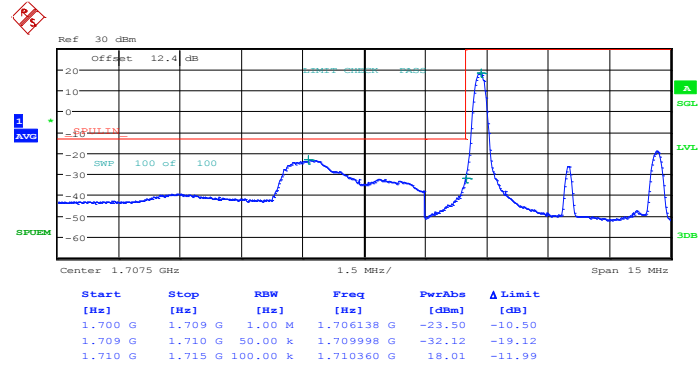
Date: 8.JAN.2014 20:31:18

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708937 G	-23.90	-10.90
1.709 G	1.710 G	50.00 k	1.709973 G	-34.83	-21.83
1.710 G	1.715 G	100.00 k	1.712415 G	3.90	-26.10
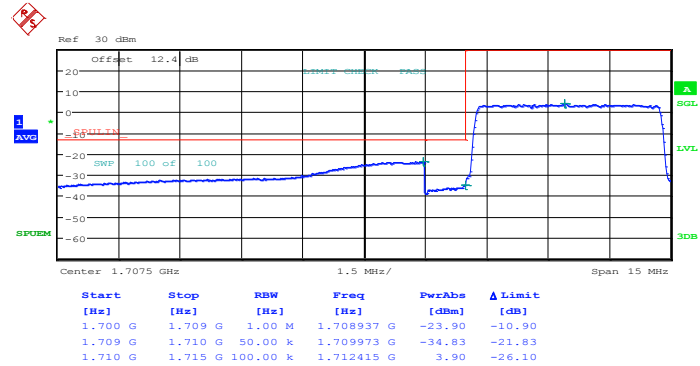
Date: 8.JAN.2014 20:32:43

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.750 G	1.755 G	100.00 k	1.754675 G	18.25	-11.75
1.755 G	1.756 G	50.00 k	1.755003 G	-31.37	-18.37
1.756 G	1.765 G	1.00 M	1.758871 G	-21.62	-8.62
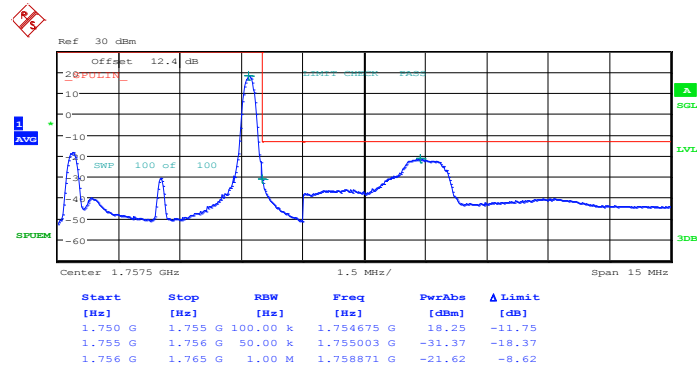
Date: 8.JAN.2014 20:34:08

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.750 G	1.755 G	100.00 k	1.753120 G	4.01	-25.99
1.755 G	1.756 G	50.00 k	1.755005 G	-33.39	-20.39
1.756 G	1.765 G	1.00 M	1.756081 G	-22.73	-9.73
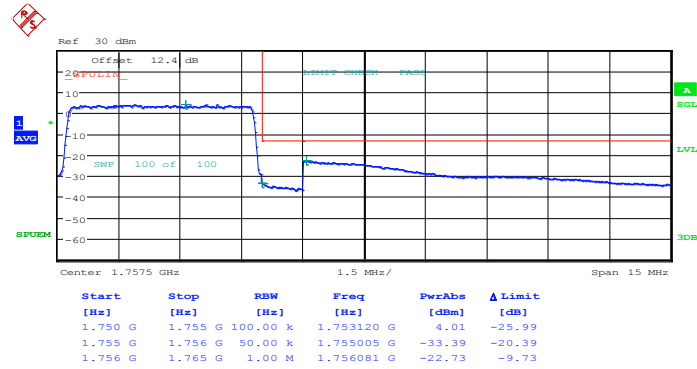
Date: 8.JAN.2014 20:35:33

Band :	LTE Band 4	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.701881 G	-22.26	-9.26
1.709 G	1.710 G	100.00 k	1.709983 G	-37.15	-24.15
1.710 G	1.720 G	100.00 k	1.710600 G	19.31	-10.69
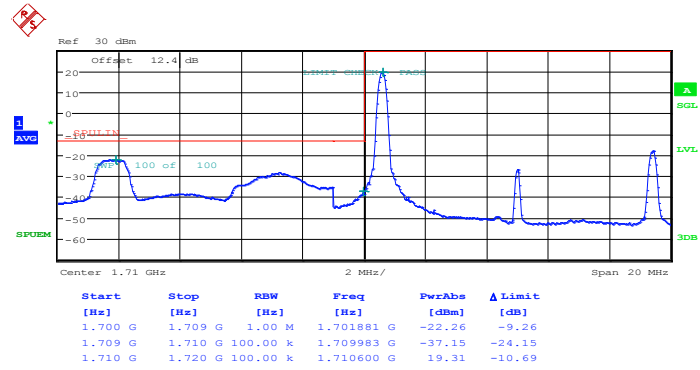
Date: 8.JAN.2014 20:36:19

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0
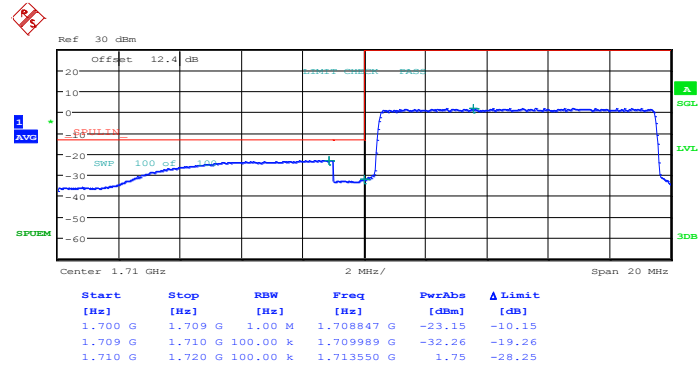
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708847 G	-23.15	-10.15
1.709 G	1.710 G	100.00 k	1.709989 G	-32.26	-19.26
1.710 G	1.720 G	100.00 k	1.713550 G	1.75	-28.25

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Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.745 G	1.755 G	100.00 k	1.754440 G	19.77	-10.23
1.755 G	1.756 G	100.00 k	1.755032 G	-37.97	-24.97
1.756 G	1.765 G	1.00 M	1.763227 G	-19.47	-6.47
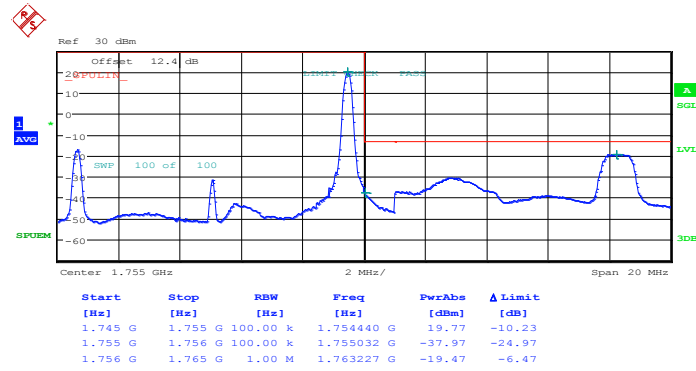
Date: 8.JAN.2014 20:39:09

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.745 G	1.755 G	100.00 k	1.750930 G	1.87	-28.13
1.755 G	1.756 G	100.00 k	1.755012 G	-32.79	-19.79
1.756 G	1.765 G	1.00 M	1.756090 G	-25.80	-12.80
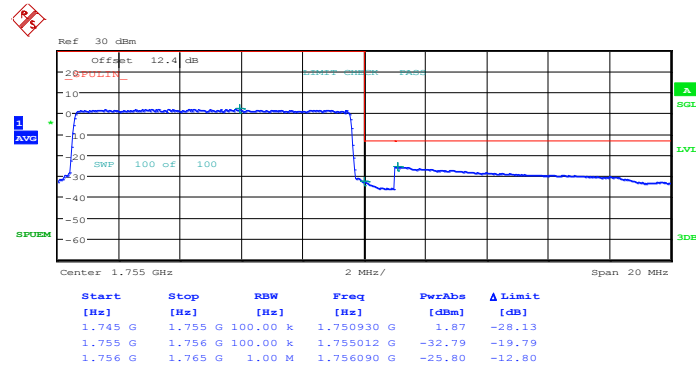
Date: 8.JAN.2014 20:40:34

Band :	LTE Band 4	Band Width :	10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.701971 G	-24.42	-11.42
1.709 G	1.710 G	100.00 k	1.709992 G	-37.87	-24.87
1.710 G	1.720 G	100.00 k	1.710550 G	18.08	-11.92
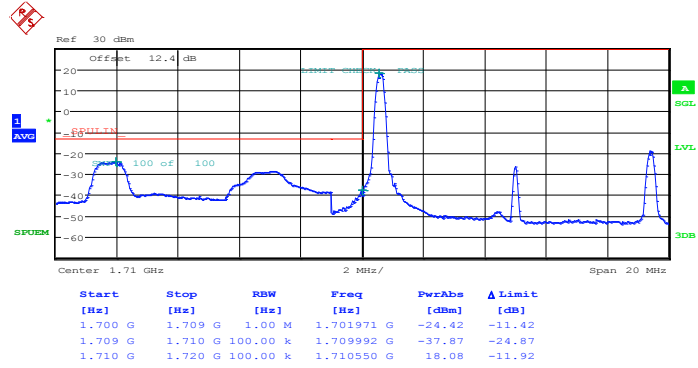
Date: 8.JAN.2014 20:37:02

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708892 G	-24.31	-11.31
1.709 G	1.710 G	100.00 k	1.709955 G	-33.07	-20.07
1.710 G	1.720 G	100.00 k	1.716480 G	0.65	-29.35
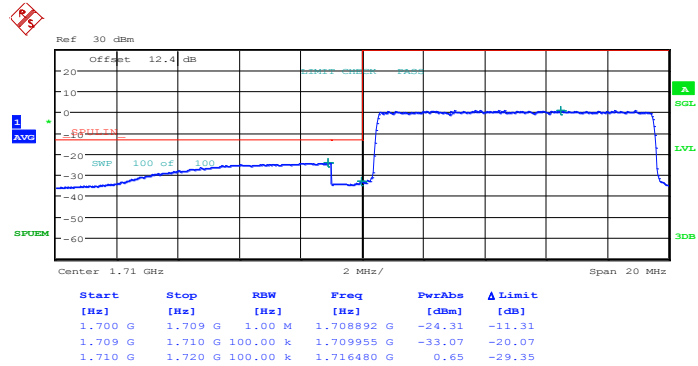
Date: 8.JAN.2014 20:38:27

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.745 G	1.755 G	100.00 k	1.754450 G	18.51	-11.49
1.755 G	1.756 G	100.00 k	1.755016 G	-39.08	-26.08
1.756 G	1.765 G	1.00 M	1.763155 G	-21.26	-8.26
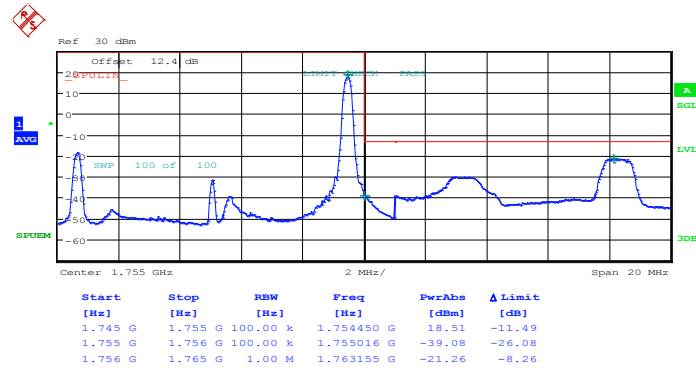
Date: 8.JAN.2014 20:39:51

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.745 G	1.755 G	100.00 k	1.747660 G	1.12	-28.88
1.755 G	1.756 G	100.00 k	1.755037 G	-33.90	-20.90
1.756 G	1.765 G	1.00 M	1.756054 G	-25.60	-12.60
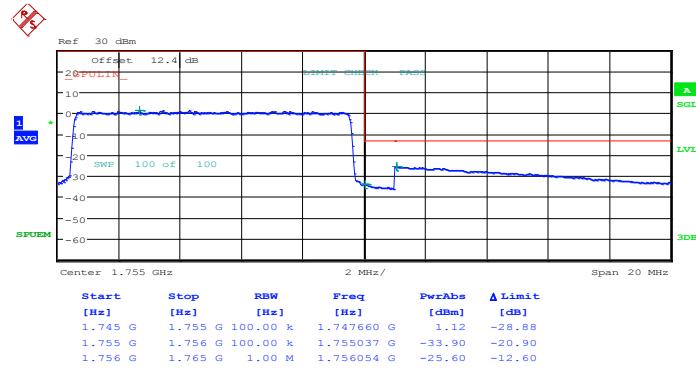
Date: 8.JAN.2014 20:41:16

Band :	LTE Band 4	Band Width :	15MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Ref   30 dBm
Offset   12.4 dB

Center 1.7125 GHz   2.5 MHz/   Span 25 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.707533 G	-29.09	-16.09
1.709 G	1.710 G	150.00 k	1.709975 G	-35.18	-22.18
1.710 G	1.725 G	100.00 k	1.710825 G	19.84	-10.16
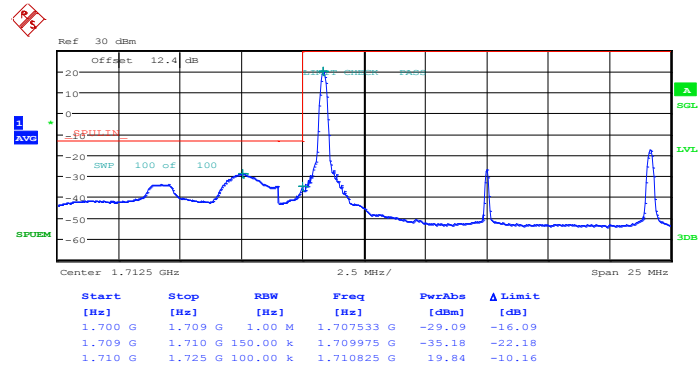
Date: 8.JAN.2014 20:42:03

Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

Ref   30 dBm
Offset   12.4 dB

Center 1.7125 GHz   2.5 MHz/   Span 25 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708712 G	-25.12	-12.12
1.709 G	1.710 G	150.00 k	1.709972 G	-32.72	-19.72
1.710 G	1.725 G	100.00 k	1.716525 G	0.48	-29.52

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Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74

Ref 30 dBm
Offset 12.4 dB

Center 1.7525 GHz   2.5 MHz/   Span 25 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.740 G	1.755 G	100.00 k	1.754190 G	19.60	-10.40
1.755 G	1.756 G	150.00 k	1.755007 G	-33.98	-20.98
1.756 G	1.765 G	1.00 M	1.757629 G	-31.60	-18.60

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Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

Ref 30 dBm
Offset 12.4 dB

Center 1.7525 GHz   2.5 MHz/   Span 25 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.740 G	1.755 G	100.00 k	1.746690 G	0.47	-29.53
1.755 G	1.756 G	150.00 k	1.755017 G	-32.08	-19.08
1.756 G	1.765 G	1.00 M	1.756000 G	-25.22	-12.22
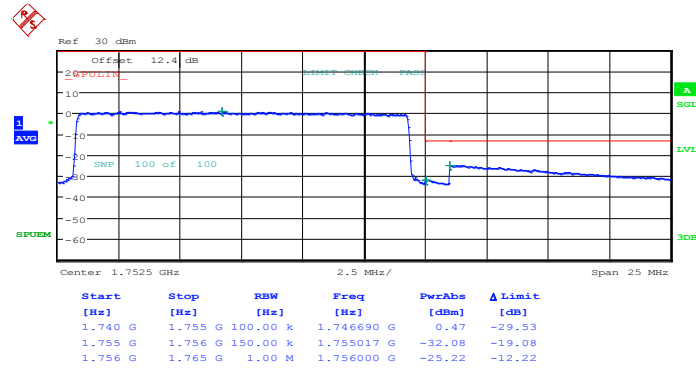
Date: 8.JAN.2014 20:46:17

Band :	LTE Band 4	Band Width :	15MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.707398 G	-29.35	-16.35
1.709 G	1.710 G	150.00 k	1.709996 G	-36.71	-23.71
1.710 G	1.725 G	100.00 k	1.710810 G	18.30	-11.70
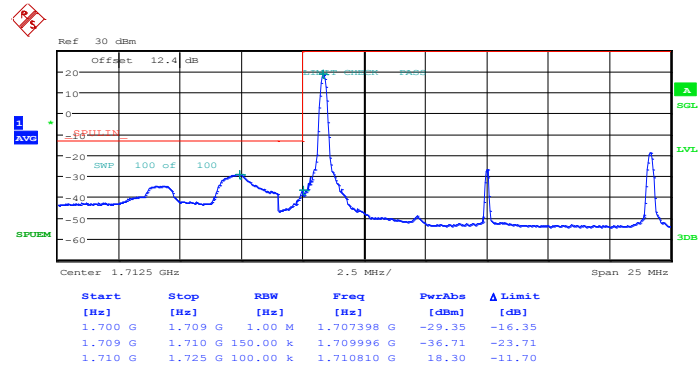
Date: 8.JAN.2014 20:42:45

Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0
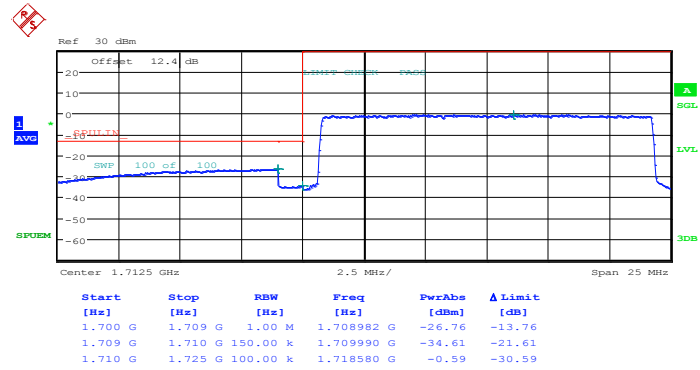
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708982 G	-26.76	-13.76
1.709 G	1.710 G	150.00 k	1.709990 G	-34.61	-21.61
1.710 G	1.725 G	100.00 k	1.718580 G	-0.59	-30.59

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Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.740 G	1.755 G	100.00 k	1.754205 G	18.49	-11.51
1.755 G	1.756 G	150.00 k	1.755016 G	-36.20	-23.20
1.756 G	1.765 G	1.00 M	1.757773 G	-31.13	-18.13
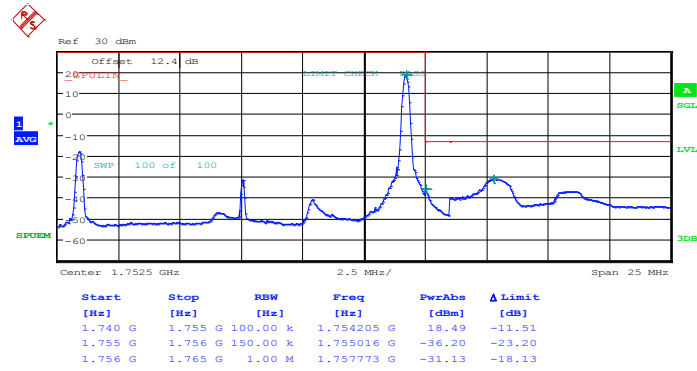
Date: 8.JAN.2014 20:45:35

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.740 G	1.755 G	100.00 k	1.748700 G	-0.37	-30.37
1.755 G	1.756 G	150.00 k	1.755026 G	-33.15	-20.15
1.756 G	1.765 G	1.00 M	1.756945 G	-25.82	-12.82
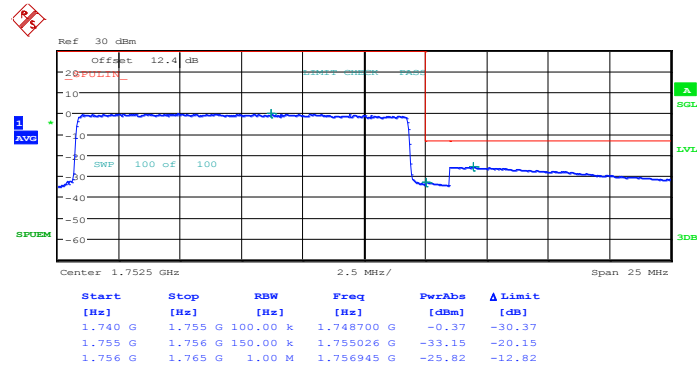
Date: 8.JAN.2014 20:47:00

Band :	LTE Band 4	Band Width :	20MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.707812 G	-29.81	-16.81
1.709 G	1.710 G	200.00 k	1.709997 G	-37.03	-24.03
1.710 G	1.730 G	100.00 k	1.711100 G	19.65	-10.35
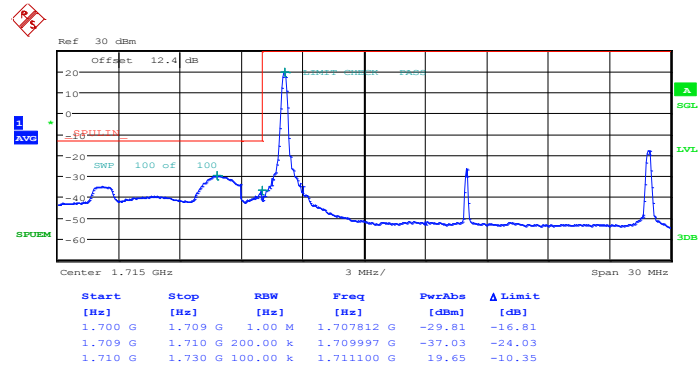
Date: 8.JAN.2014 20:47:46

Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708802 G	-26.59	-13.59
1.709 G	1.710 G	200.00 k	1.709994 G	-32.73	-19.73
1.710 G	1.730 G	100.00 k	1.724260 G	-0.79	-30.79
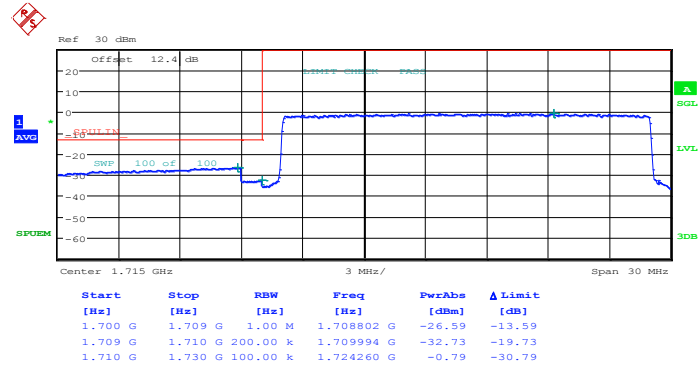
Date: 8.JAN.2014 20:49:11

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99

Ref 30 dBm
Offset 12.4 dB
QPULIN
LIMIT CHECK PASS
A
SGL
1
AVG
SWP 100 of 100
LVL
3DB
SPUEM
Center 1.75 GHz   3 MHz/   Span 30 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.735 G	1.755 G	100.00 k	1.753940 G	19.42	-10.58
1.755 G	1.756 G	200.00 k	1.755029 G	-37.46	-24.46
1.756 G	1.765 G	1.00 M	1.757251 G	-32.08	-19.08
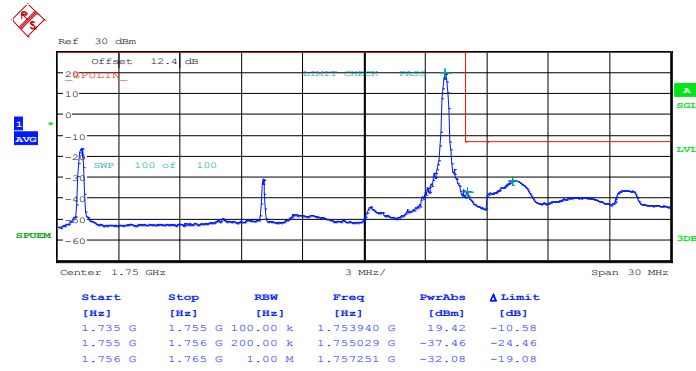
Date: 8.JAN.2014 20:50:36

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0

Ref 30 dBm
Offset 12.4 dB
QPULIN
LIMIT CHECK PASS
A
SGL
1
AVG
SWP 100 of 100
LVL
3DB
SPUEM
Center 1.75 GHz   3 MHz/   Span 30 MHz

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.735 G	1.755 G	100.00 k	1.742820 G	-0.73	-30.73
1.755 G	1.756 G	200.00 k	1.755367 G	-31.75	-18.75
1.756 G	1.765 G	1.00 M	1.756207 G	-26.04	-13.04
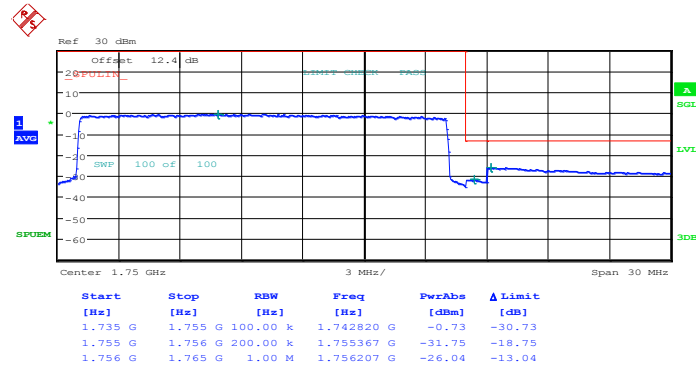
Date: 8.JAN.2014 20:52:01

Band :	LTE Band 4	Band Width :	20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Ref 30 dBm
Offset 12.4 dB

Center 1.715 GHz   3 MHz/   Span 30 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.707677 G	−30.03	−17.03
1.709 G	1.710 G	200.00 k	1.709990 G	−38.76	−25.76
1.710 G	1.730 G	100.00 k	1.711060 G	18.05	−11.95
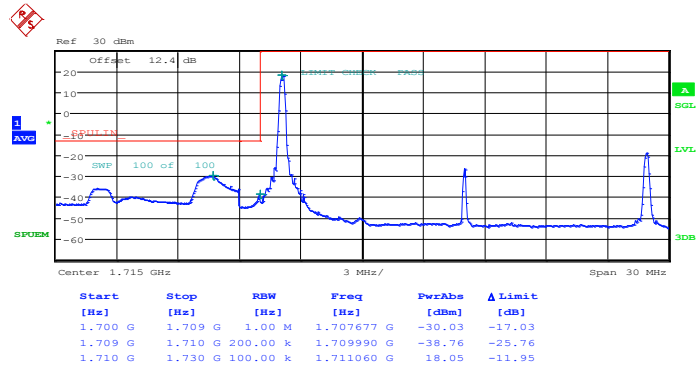
Date: 8.JAN.2014 20:48:29

Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0

Ref 30 dBm
Offset 12.4 dB

Center 1.715 GHz   3 MHz/   Span 30 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
1.700 G	1.709 G	1.00 M	1.708604 G	−27.54	−14.54
1.709 G	1.710 G	200.00 k	1.709972 G	−33.76	−20.76
1.710 G	1.730 G	100.00 k	1.721200 G	−1.76	−31.76
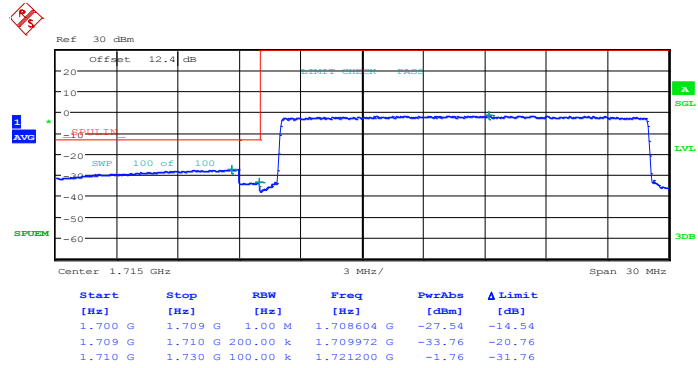
Date: 8.JAN.2014 20:49:54

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99

Start	Stop	RBW	Freq	PwrAbs	Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.735 G	1.755 G	100.00 k	1.753980 G	18.10	-11.90
1.755 G	1.756 G	200.00 k	1.755003 G	-39.11	-26.11
1.756 G	1.765 G	1.00 M	1.757386 G	-31.51	-18.51
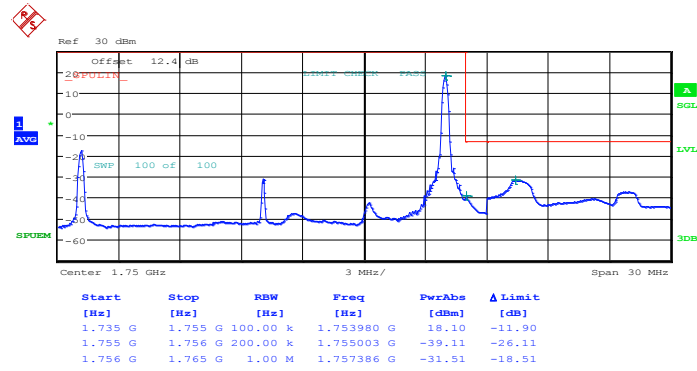
Date: 8.JAN.2014 20:51:19

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0
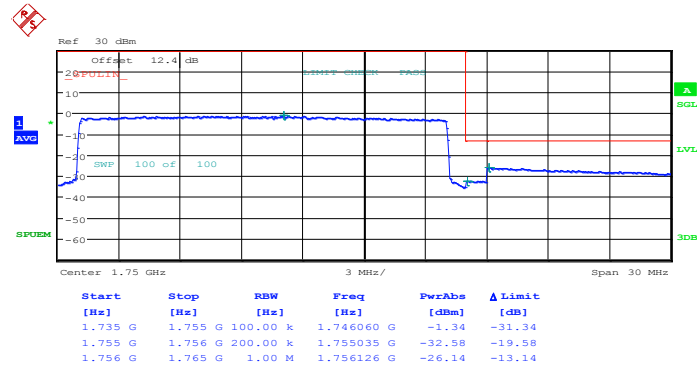
Start	Stop	RBW	Freq	PwrAbs	Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
1.735 G	1.755 G	100.00 k	1.746060 G	-1.34	-31.34
1.755 G	1.756 G	200.00 k	1.755035 G	-32.58	-19.58
1.756 G	1.765 G	1.00 M	1.756126 G	-26.14	-13.14

Date: 8.JAN.2014 20:52:44

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Report Template No.: BU5-FGLTE Version 1.0

Band :	LTE Band 17	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	703.900000 M	-34.67	-21.67
703.900 M	704.000 M	30.00 k	703.979700 M	-26.43	-13.43
704.000 M	709.000 M	100.00 k	704.335000 M	18.79	-11.21
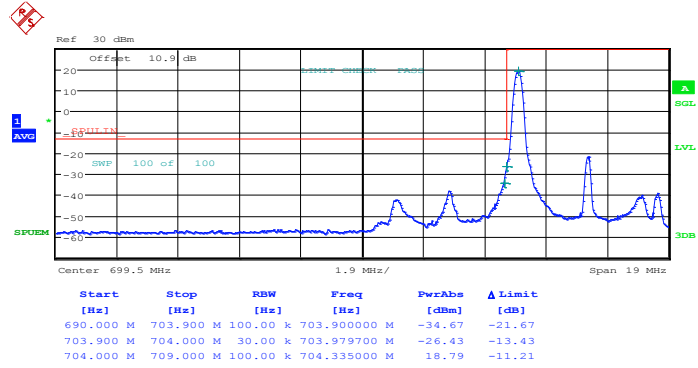
Date: 9.JAN.2014 10:43:44

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	703.900000 M	-34.61	-21.61
703.900 M	704.000 M	30.00 k	703.998000 M	-36.13	-23.13
704.000 M	709.000 M	100.00 k	708.160000 M	3.99	-26.01

Date: 9.JAN.2014 10:45:08

Report No.	: FG372301-01B
Report Version	: Rev. 02
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Report Template No.: BU5-FGLTE Version 1.0

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
711.000 M	716.000 M	100.00 k	715.655000 M	18.81	-11.19
716.000 M	716.100 M	30.00 k	716.001100 M	-25.85	-12.85
716.100 M	725.000 M	100.00 k	716.108900 M	-31.26	-18.26

Date: 9.JAN.2014 10:51:56

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
711.000 M	716.000 M	100.00 k	715.255000 M	4.03	-25.97
716.000 M	716.100 M	30.00 k	716.000500 M	-33.53	-20.53
716.100 M	725.000 M	100.00 k	716.126700 M	-32.09	-19.09
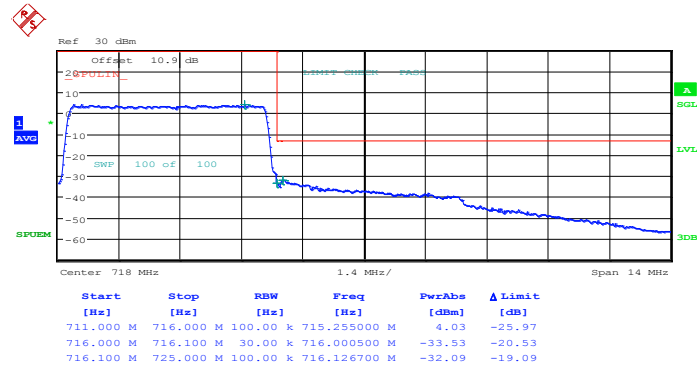
Date: 9.JAN.2014 10:53:21

Band :	LTE Band 17	Band Width :	5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Ref 30 dBm
Offset 10.9 dB

Center 699.5 MHz   1.9 MHz/   Span 19 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	703.886100 M	-36.10	-23.10
703.900 M	704.000 M	30.00 k	703.990100 M	-28.44	-15.44
704.000 M	709.000 M	100.00 k	704.325000 M	17.49	-12.51
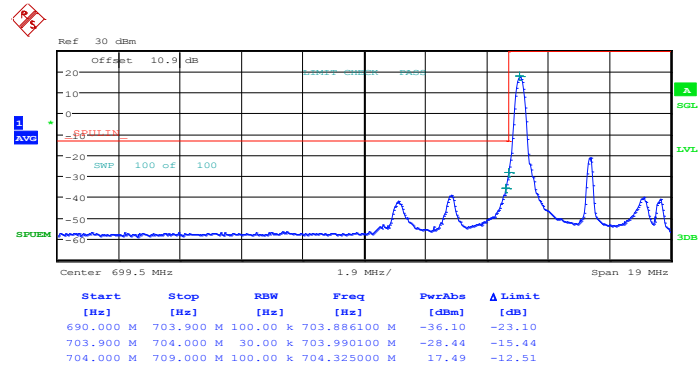
Date: 9.JAN.2014 10:44:26

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Ref 30 dBm
Offset 10.9 dB

Center 699.5 MHz   1.9 MHz/   Span 19 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	703.900000 M	-33.56	-20.56
703.900 M	704.000 M	30.00 k	703.997400 M	-34.99	-21.99
704.000 M	709.000 M	100.00 k	708.160000 M	2.83	-27.17

Date: 9.JAN.2014 10:45:51

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Report Version	: Rev. 02
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Report Template No.: BU5-FGLTE Version 1.0

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
711.000 M	716.000 M	100.00 k	715.650000 M	16.96	-13.04
716.000 M	716.100 M	30.00 k	716.005200 M	-28.18	-15.18
716.100 M	725.000 M	100.00 k	716.100000 M	-34.53	-21.53

Date: 9.JAN.2014 10:52:39

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
711.000 M	716.000 M	100.00 k	715.625000 M	2.97	-27.03
716.000 M	716.100 M	30.00 k	716.022700 M	-34.20	-21.20
716.100 M	725.000 M	100.00 k	716.126700 M	-32.04	-19.04
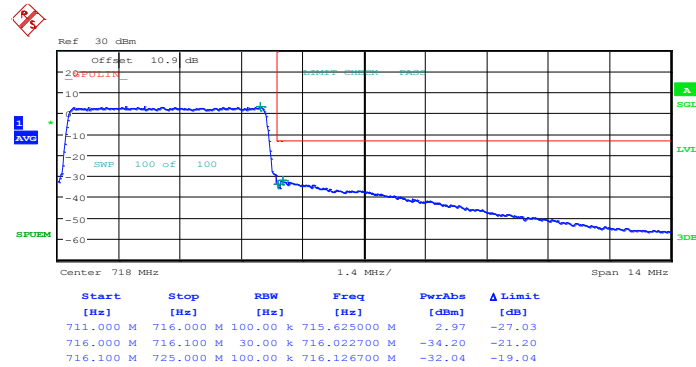
Date: 9.JAN.2014 10:54:04

Band :	LTE Band 17	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	700.202600 M	-39.87	-26.87
703.900 M	704.000 M	30.00 k	703.994400 M	-40.25	-27.25
704.000 M	714.000 M	100.00 k	704.620000 M	18.69	-11.31
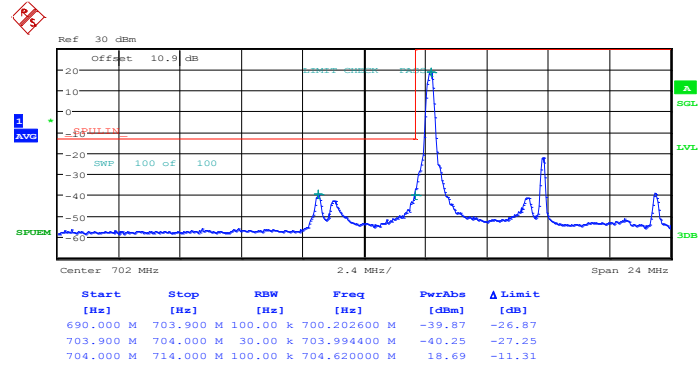
Date: 9.JAN.2014 10:57:32

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	703.830500 M	-34.40	-21.40
703.900 M	704.000 M	30.00 k	703.982900 M	-37.29	-24.29
704.000 M	714.000 M	100.00 k	706.120000 M	1.09	-28.91
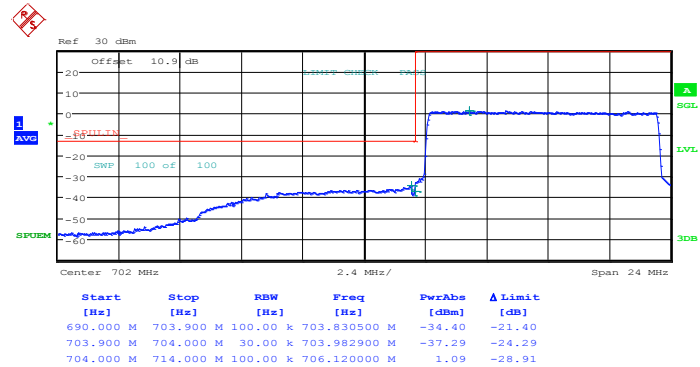
Date: 9.JAN.2014 10:58:57

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

Ref 30 dBm
Offset 10.9 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
706.000 M	716.000 M	100.00 k	715.390000 M	18.66	-11.34
716.000 M	716.100 M	30.00 k	716.012000 M	-38.37	-25.37
716.100 M	725.000 M	100.00 k	719.802400 M	-41.09	-28.09
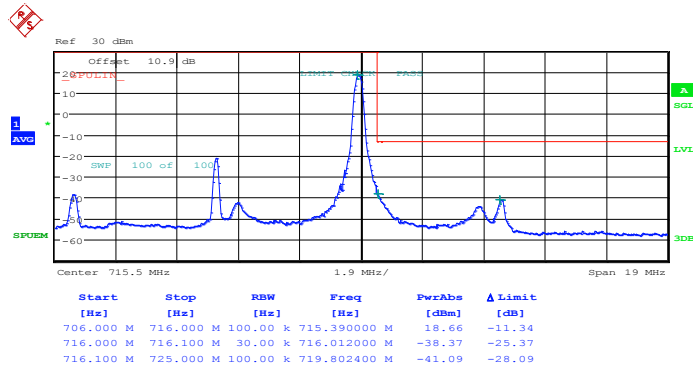
Date: 9.JAN.2014 11:05:45

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Ref 30 dBm
Offset 10.9 dB

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
706.000 M	716.000 M	100.00 k	711.220000 M	1.05	-28.95
716.000 M	716.100 M	30.00 k	716.001300 M	-37.02	-24.02
716.100 M	725.000 M	100.00 k	716.153400 M	-33.60	-20.60
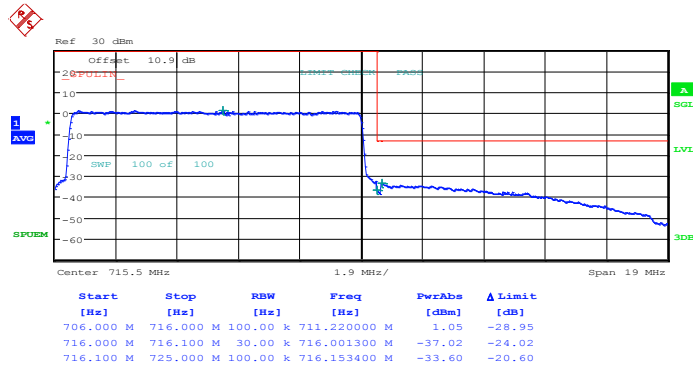
Date: 9.JAN.2014 11:07:10

Band :	LTE Band 17	Band Width :	10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	700.174800 M	-40.15	-27.15
703.900 M	704.000 M	30.00 k	703.998000 M	-43.10	-30.10
704.000 M	714.000 M	100.00 k	704.560000 M	16.99	-13.01
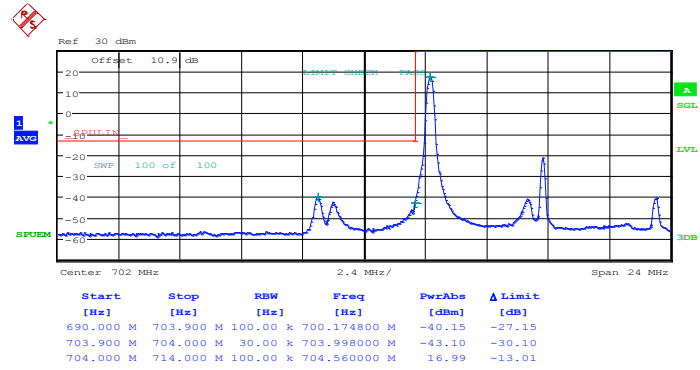
Date: 9.JAN.2014 10:58:15

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
690.000 M	703.900 M	100.00 k	703.872200 M	-34.62	-21.62
703.900 M	704.000 M	30.00 k	703.979600 M	-38.12	-25.12
704.000 M	714.000 M	100.00 k	706.530000 M	-0.02	-30.02
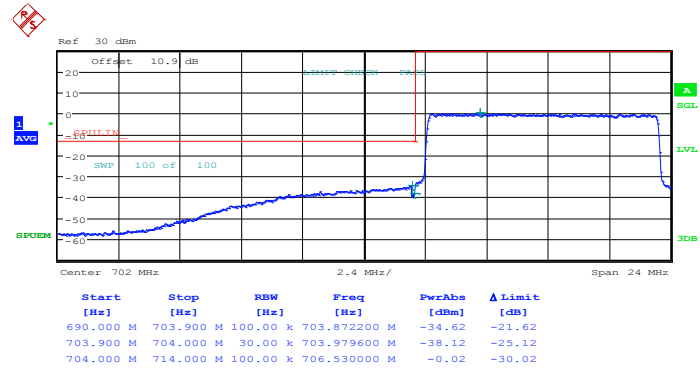
Date: 9.JAN.2014 10:59:39

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
706.000 M	716.000 M	100.00 k	715.410000 M	17.00	-13.00
716.000 M	716.100 M	30.00 k	716.016000 M	-42.38	-29.38
716.100 M	725.000 M	100.00 k	716.100000 M	-43.20	-30.20
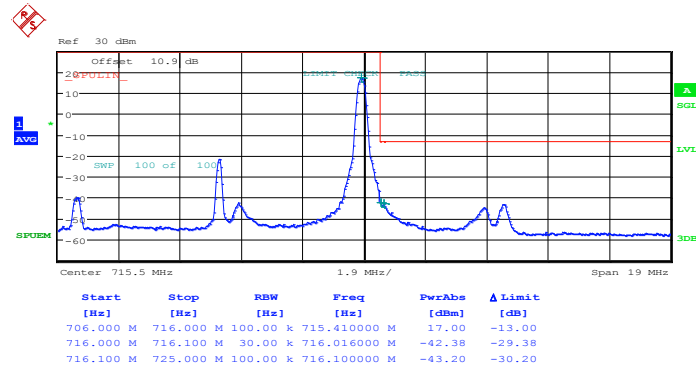
Date: 9.JAN.2014 11:06:27

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
706.000 M	716.000 M	100.00 k	708.160000 M	0.08	-29.92
716.000 M	716.100 M	30.00 k	716.021000 M	-38.62	-25.62
716.100 M	725.000 M	100.00 k	716.108900 M	-35.28	-22.28
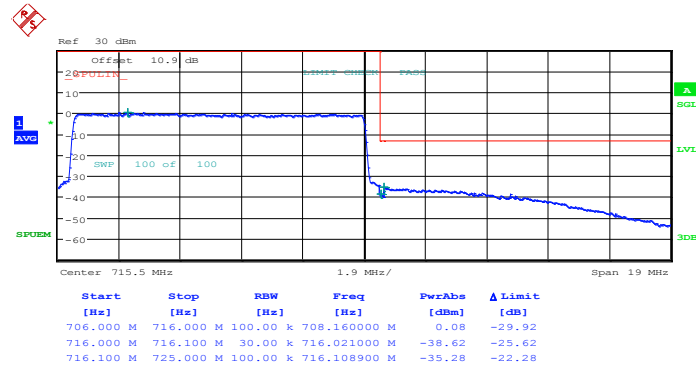
Date: 9.JAN.2014 11:07:52

Band :	LTE Band 7	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.491769 G	-41.34	-16.34
2.494 G	2.499 G	1.00 M	2.498401 G	-34.16	-21.16
2.499 G	2.500 G	50.00 k	2.499990 G	-29.39	-16.39
2.500 G	2.505 G	100.00 k	2.500320 G	19.12	-10.88
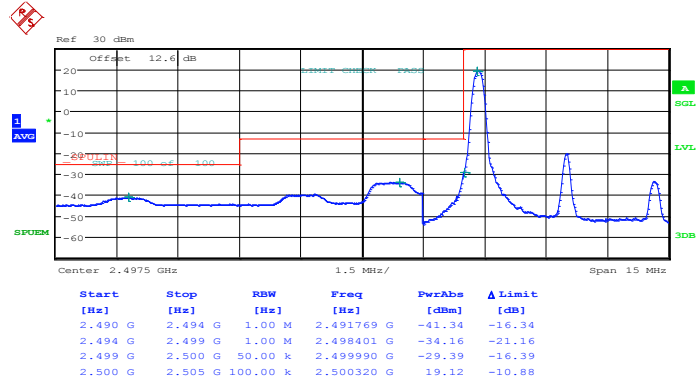
Date: 8.JAN.2014 14:30:32

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.492961 G	-38.45	-13.45
2.494 G	2.499 G	1.00 M	2.498969 G	-26.77	-13.77
2.499 G	2.500 G	50.00 k	2.499995 G	-35.56	-22.56
2.500 G	2.505 G	100.00 k	2.504380 G	4.54	-25.46
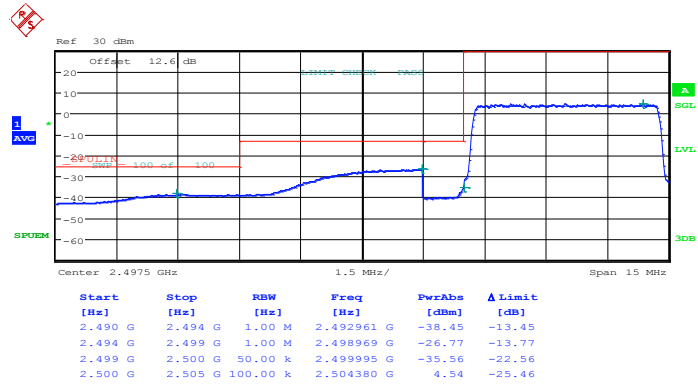
Date: 8.JAN.2014 14:31:57

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.565 G	2.570 G	100.00 k	2.569660 G	19.08	-10.92
2.570 G	2.571 G	50.00 k	2.570016 G	-27.04	-14.04
2.571 G	2.575 G	1.00 M	2.571477 G	-31.11	-18.11
2.575 G	2.580 G	1.00 M	2.578114 G	-40.46	-15.46
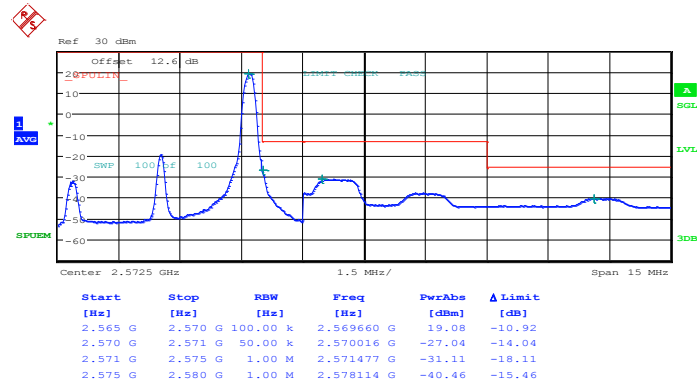
Date: 8.JAN.2014 14:35:03

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.565 G	2.570 G	100.00 k	2.565495 G	4.82	-25.18
2.570 G	2.571 G	50.00 k	2.570030 G	-35.66	-22.66
2.571 G	2.575 G	1.00 M	2.571004 G	-29.57	-16.57
2.575 G	2.580 G	1.00 M	2.575590 G	-37.19	-12.19
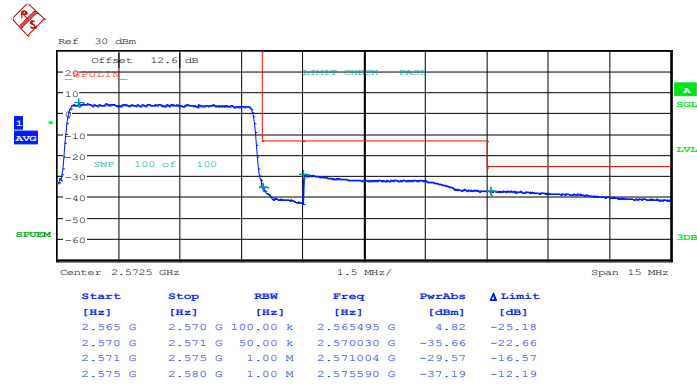
Date: 8.JAN.2014 14:36:28

Band :	LTE Band 7	Band Width :	5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.491814 G	-42.91	-17.91
2.494 G	2.499 G	1.00 M	2.498051 G	-36.31	-23.31
2.499 G	2.500 G	50.00 k	2.499975 G	-32.88	-19.88
2.500 G	2.505 G	100.00 k	2.500335 G	17.77	-12.23
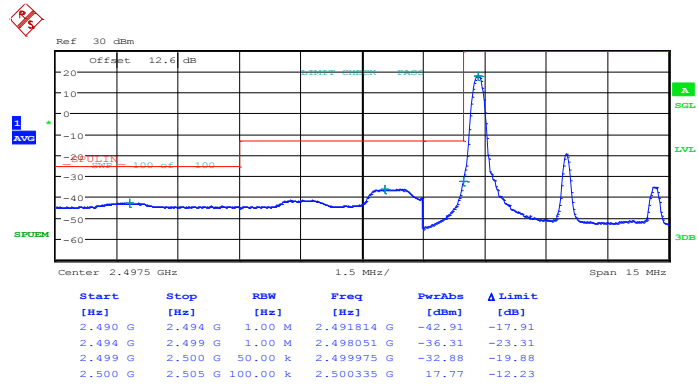
Date: 8.JAN.2014 14:31:14

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494374 G	-38.95	-13.95
2.494 G	2.499 G	1.00 M	2.498856 G	-28.03	-15.03
2.499 G	2.500 G	50.00 k	2.499991 G	-36.99	-23.99
2.500 G	2.505 G	100.00 k	2.502670 G	3.39	-26.61
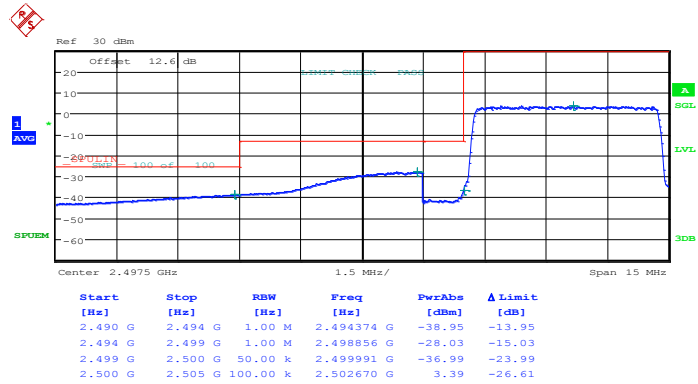
Date: 8.JAN.2014 14:32:39

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.565 G	2.570 G	100.00 k	2.569715 G	17.76	−12.24
2.570 G	2.571 G	50.00 k	2.570001 G	−30.61	−17.61
2.571 G	2.575 G	1.00 M	2.571518 G	−33.49	−20.49
2.575 G	2.580 G	1.00 M	2.578466 G	−41.83	−16.83
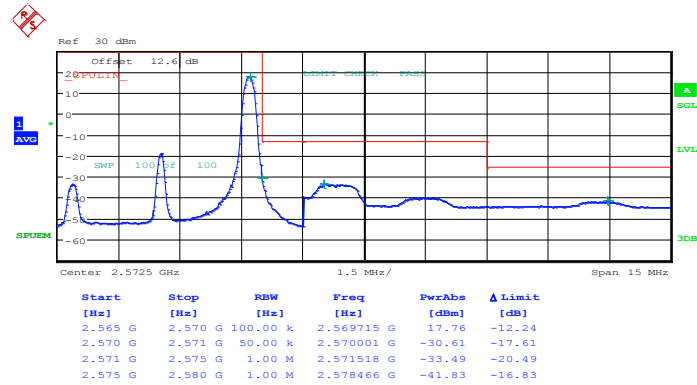
Date: 8.JAN.2014 14:35:45

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.565 G	2.570 G	100.00 k	2.565955 G	3.54	−26.46
2.570 G	2.571 G	50.00 k	2.570001 G	−38.37	−25.37
2.571 G	2.575 G	1.00 M	2.571041 G	−31.20	−18.20
2.575 G	2.580 G	1.00 M	2.575536 G	−37.68	−12.68
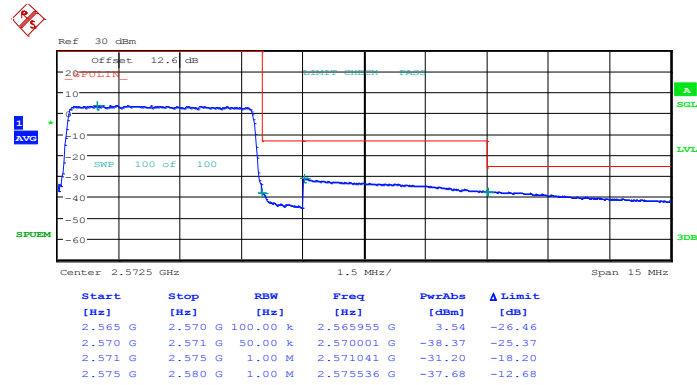
Date: 8.JAN.2014 14:37:10

Band :	LTE Band 7	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.491697 G	-41.78	-16.78
2.494 G	2.499 G	1.00 M	2.496138 G	-33.64	-20.64
2.499 G	2.500 G	100.00 k	2.499990 G	-37.75	-24.75
2.500 G	2.510 G	100.00 k	2.500590 G	19.21	-10.79
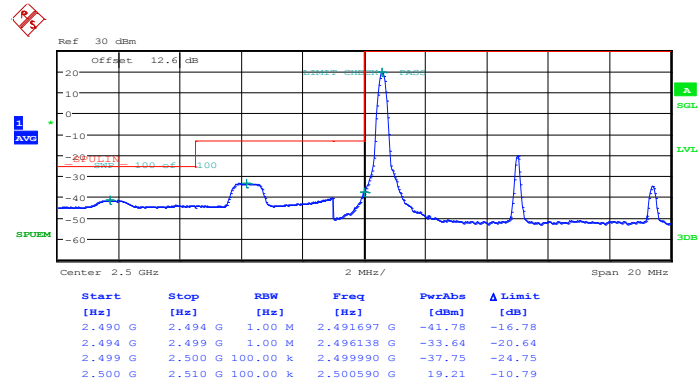
Date: 8.JAN.2014 14:38:48

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494406 G	-30.71	-5.71
2.494 G	2.499 G	1.00 M	2.498699 G	-26.68	-13.68
2.499 G	2.500 G	100.00 k	2.499994 G	-33.85	-20.85
2.500 G	2.510 G	100.00 k	2.506800 G	1.38	-28.62
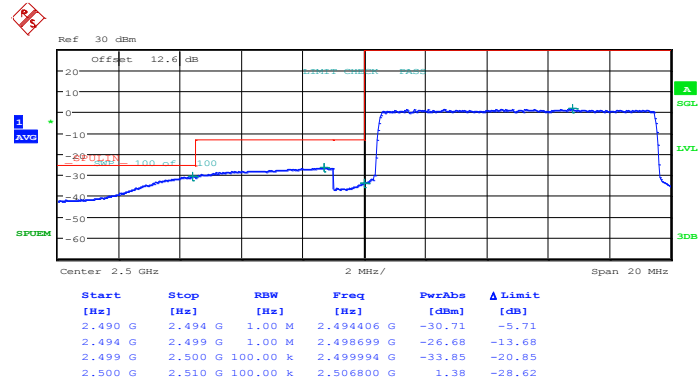
Date: 8.JAN.2014 14:40:13

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.560 G	2.570 G	100.00 k	2.569450 G	19.13	-10.87
2.570 G	2.571 G	100.00 k	2.570007 G	-37.88	-24.88
2.571 G	2.575 G	1.00 M	2.573538 G	-30.72	-17.72
2.575 G	2.580 G	1.00 M	2.578407 G	-39.31	-14.31
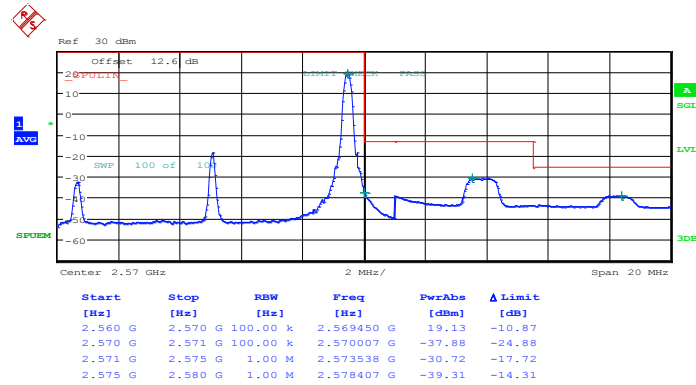
Date: 8.JAN.2014 14:43:19

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.560 G	2.570 G	100.00 k	2.562980 G	2.22	-27.78
2.570 G	2.571 G	100.00 k	2.570018 G	-33.70	-20.70
2.571 G	2.575 G	1.00 M	2.571180 G	-27.49	-14.49
2.575 G	2.580 G	1.00 M	2.577583 G	-31.40	-6.40
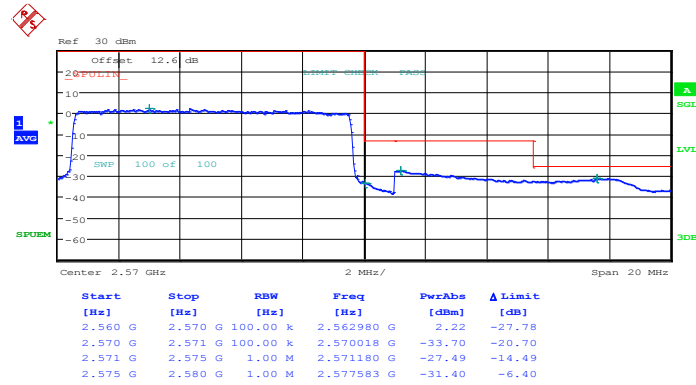
Date: 8.JAN.2014 14:44:44

Band :	LTE Band 7	Band Width :	10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0


```
Ref   30 dBm
   Offset   12.6 dB
```

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.490 G	2.494 G	1.00 M	2.491818 G	-43.10	-18.10
2.494 G	2.499 G	1.00 M	2.496255 G	-36.01	-23.01
2.499 G	2.500 G	100.00 k	2.499999 G	-40.24	-27.24
2.500 G	2.510 G	100.00 k	2.500560 G	17.05	-12.95
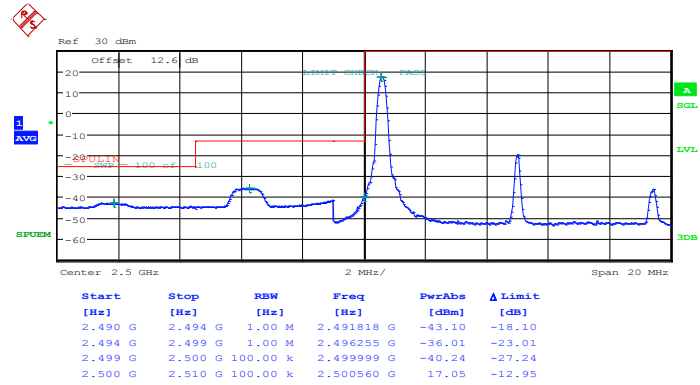
Date: 8.JAN.2014 14:39:30

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0


```
Ref   30 dBm
   Offset   12.6 dB
```

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.490 G	2.494 G	1.00 M	2.494496 G	-32.55	-7.55
2.494 G	2.499 G	1.00 M	2.498140 G	-28.47	-15.47
2.499 G	2.500 G	100.00 k	2.499993 G	-35.85	-22.85
2.500 G	2.510 G	100.00 k	2.505370 G	0.41	-29.59
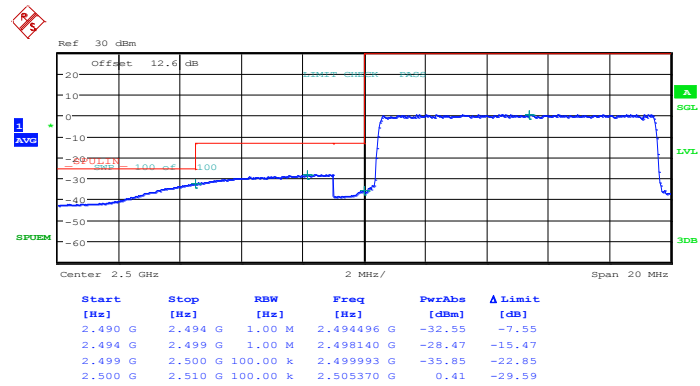
Date: 8.JAN.2014 14:40:55

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

Date: 8.JAN.2014 14:44:01

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.560 G	2.570 G	100.00 k	2.569470 G	17.68	-12.32
2.570 G	2.571 G	100.00 k	2.570001 G	-40.25	-27.25
2.571 G	2.575 G	1.00 M	2.574033 G	-32.86	-19.86
2.575 G	2.580 G	1.00 M	2.578285 G	-40.93	-15.93
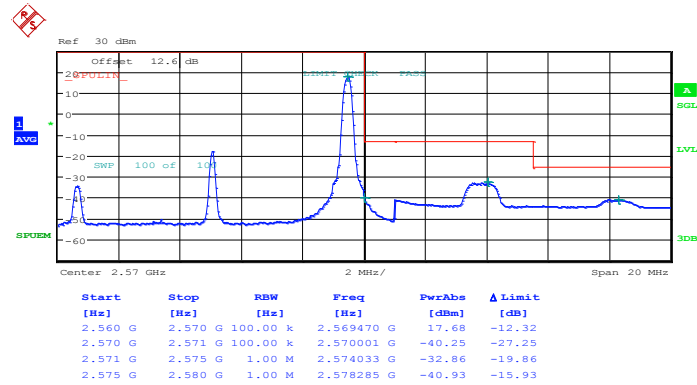
Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

Date: 8.JAN.2014 14:45:26

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.560 G	2.570 G	100.00 k	2.563660 G	0.85	-29.15
2.570 G	2.571 G	100.00 k	2.570007 G	-35.76	-22.76
2.571 G	2.575 G	1.00 M	2.571158 G	-28.67	-15.67
2.575 G	2.580 G	1.00 M	2.576058 G	-33.66	-8.66

Band :	LTE Band 7	Band Width :	15MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494419 G	-34.72	-9.72
2.494 G	2.499 G	1.00 M	2.494505 G	-35.59	-22.59
2.499 G	2.500 G	150.00 k	2.499990 G	-37.10	-24.10
2.500 G	2.515 G	100.00 k	2.500840 G	19.60	-10.40
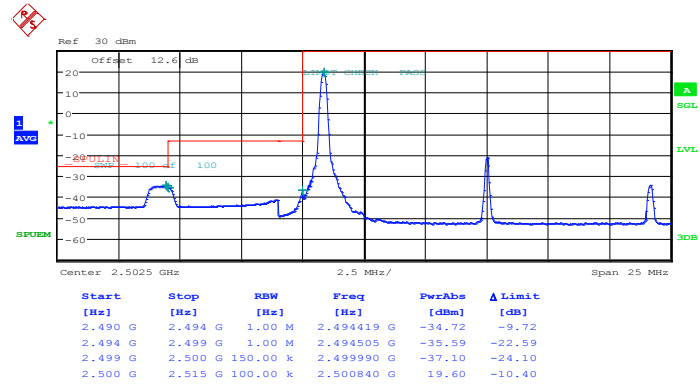
Date: 8.JAN.2014 14:47:03

Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494419 G	-29.29	-4.29
2.494 G	2.499 G	1.00 M	2.498937 G	-27.32	-14.32
2.499 G	2.500 G	150.00 k	2.499991 G	-34.21	-21.21
2.500 G	2.515 G	100.00 k	2.511250 G	-0.04	-30.04
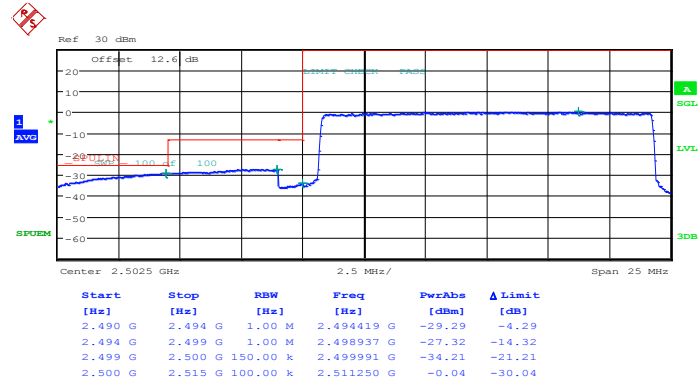
Date: 8.JAN.2014 14:48:28

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.555 G	2.570 G	100.00 k	2.569205 G	19.39	-10.61
2.570 G	2.571 G	150.00 k	2.570018 G	-36.14	-23.14
2.571 G	2.575 G	1.00 M	2.575500 G	-32.08	-19.08
2.575 G	2.580 G	1.00 M	2.575801 G	-31.69	-6.69
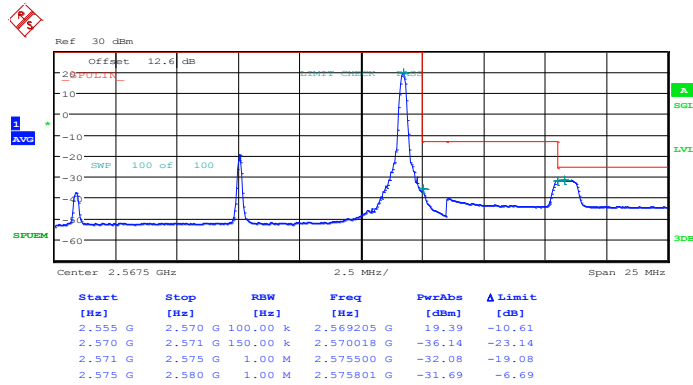
Date: 8.JAN.2014 14:51:34

Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.555 G	2.570 G	100.00 k	2.563070 G	0.19	-29.81
2.570 G	2.571 G	150.00 k	2.570009 G	-33.33	-20.33
2.571 G	2.575 G	1.00 M	2.571099 G	-27.63	-14.63
2.575 G	2.580 G	1.00 M	2.575721 G	-31.44	-6.44
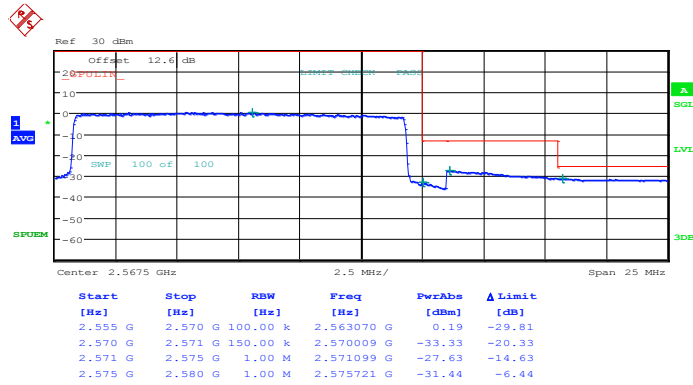
Date: 8.JAN.2014 14:52:59

Band :	LTE Band 7	Band Width :	15MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494127 G	-36.53	-11.53
2.494 G	2.499 G	1.00 M	2.494509 G	-37.46	-24.46
2.499 G	2.500 G	150.00 k	2.499983 G	-38.00	-25.00
2.500 G	2.515 G	100.00 k	2.500825 G	18.00	-12.00
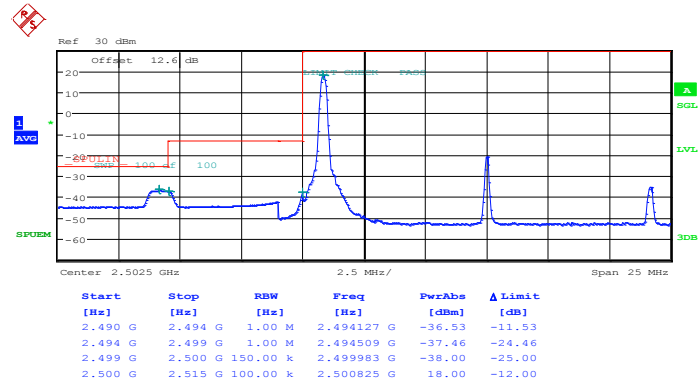
Date: 8.JAN.2014 14:47:46

Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494451 G	-30.83	-5.83
2.494 G	2.499 G	1.00 M	2.498429 G	-29.27	-16.27
2.499 G	2.500 G	150.00 k	2.499982 G	-36.42	-23.42
2.500 G	2.515 G	100.00 k	2.509255 G	-1.04	-31.04
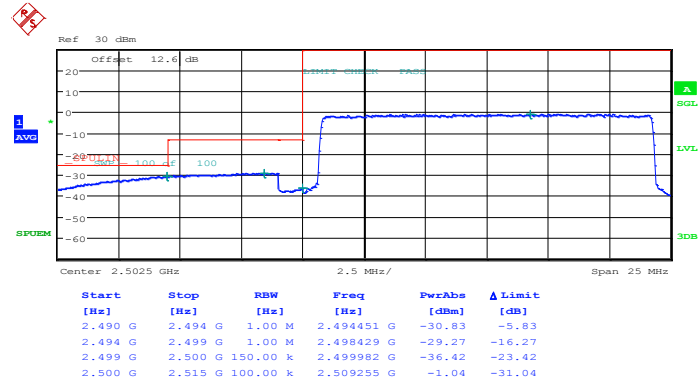
Date: 8.JAN.2014 14:49:11

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	**[Hz]**	**[Hz]**	**[Hz]**	**[dBm]**	**[dB]**
2.555 G	2.570 G	100.00 k	2.569190 G	17.66	-12.34
2.570 G	2.571 G	150.00 k	2.570012 G	-37.68	-24.68
2.571 G	2.575 G	1.00 M	2.575477 G	-35.23	-22.23
2.575 G	2.580 G	1.00 M	2.576085 G	-34.10	-9.10
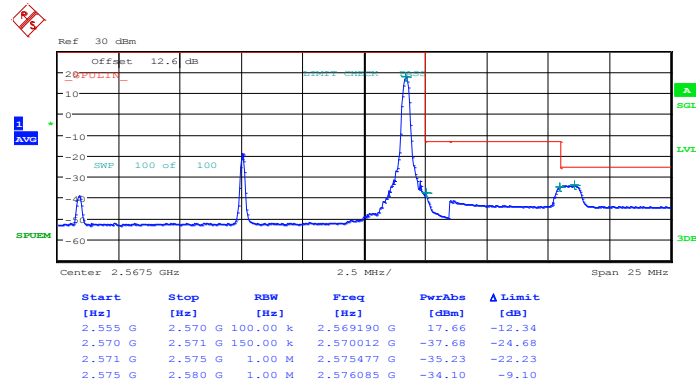
Date: 8.JAN.2014 14:52:17

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	**[Hz]**	**[Hz]**	**[Hz]**	**[dBm]**	**[dB]**
2.555 G	2.570 G	100.00 k	2.563520 G	-0.68	-30.68
2.570 G	2.571 G	150.00 k	2.570012 G	-35.32	-22.32
2.571 G	2.575 G	1.00 M	2.571018 G	-28.93	-15.93
2.575 G	2.580 G	1.00 M	2.575810 G	-31.45	-6.45
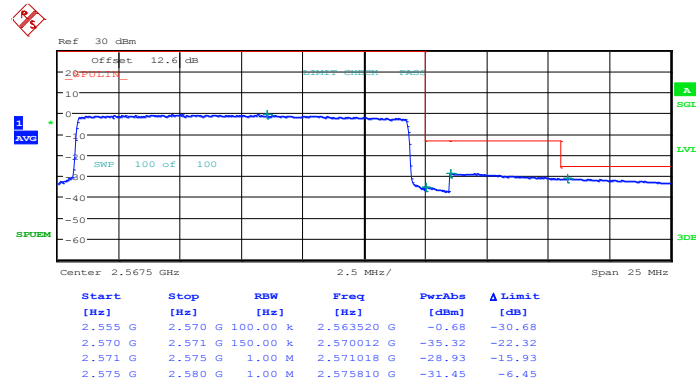
Date: 8.JAN.2014 14:53:42

Band :	LTE Band 7	Band Width :	20MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

Ref   30 dBm
Offset   12.6 dB

Center 2.505 GHz   3 MHz/   Span 30 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.492160 G	-35.96	-10.96
2.494 G	2.499 G	1.00 M	2.498991 G	-42.16	-29.16
2.499 G	2.500 G	200.00 k	2.499997 G	-39.17	-26.17
2.500 G	2.520 G	100.00 k	2.501080 G	19.31	-10.69
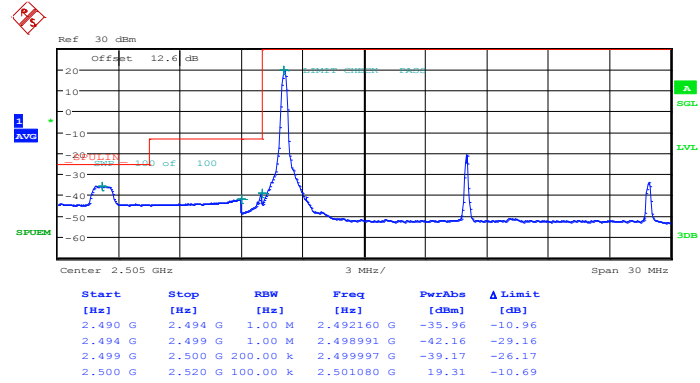
Date: 8.JAN.2014 14:55:19

Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

Ref   30 dBm
Offset   12.6 dB

Center 2.505 GHz   3 MHz/   Span 30 MHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494343 G	-29.12	-4.12
2.494 G	2.499 G	1.00 M	2.498883 G	-27.03	-14.03
2.499 G	2.500 G	200.00 k	2.499946 G	-32.68	-19.68
2.500 G	2.520 G	100.00 k	2.512980 G	-0.91	-30.91
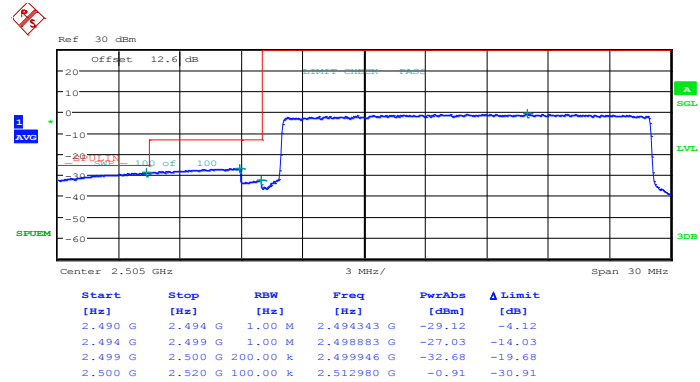
Date: 8.JAN.2014 14:56:44

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.550 G	2.570 G	100.00 k	2.568940 G	19.13	-10.87
2.570 G	2.571 G	200.00 k	2.570026 G	-38.69	-25.69
2.571 G	2.575 G	1.00 M	2.571058 G	-41.66	-28.66
2.575 G	2.580 G	1.00 M	2.577633 G	-32.49	-7.49
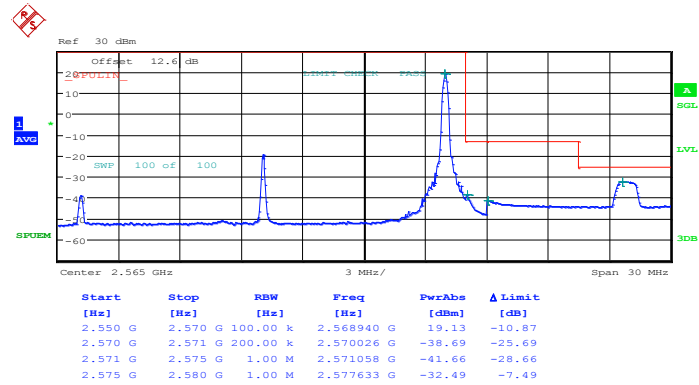
Date: 8.JAN.2014 14:59:49

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.550 G	2.570 G	100.00 k	2.559340 G	-0.96	-30.96
2.570 G	2.571 G	200.00 k	2.570110 G	-35.17	-22.17
2.571 G	2.575 G	1.00 M	2.571216 G	-29.83	-16.83
2.575 G	2.580 G	1.00 M	2.578191 G	-31.02	-6.02
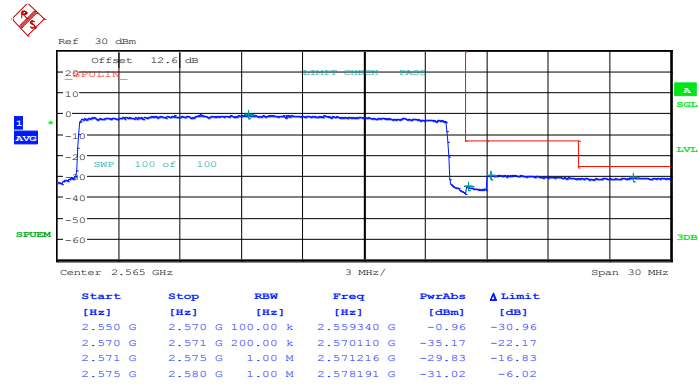
Date: 8.JAN.2014 15:01:56

Band :	LTE Band 7	Band Width :	20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.492340 G	-37.55	-12.55
2.494 G	2.499 G	1.00 M	2.498874 G	-42.82	-29.82
2.499 G	2.500 G	200.00 k	2.499996 G	-40.90	-27.90
2.500 G	2.520 G	100.00 k	2.501080 G	17.95	-12.05
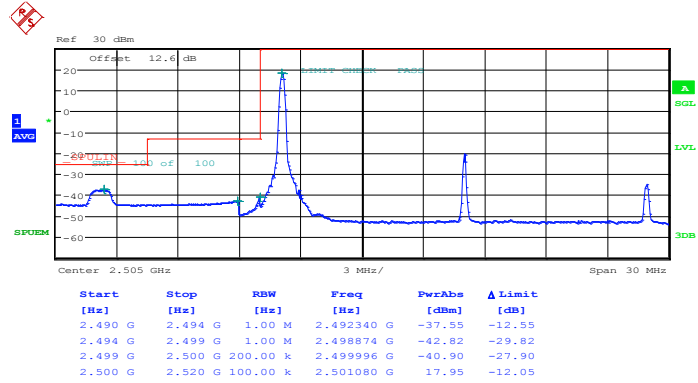
Date: 8.JAN.2014 14:56:01

Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
2.490 G	2.494 G	1.00 M	2.494477 G	-31.02	-6.02
2.494 G	2.499 G	1.00 M	2.498982 G	-29.31	-16.31
2.499 G	2.500 G	200.00 k	2.499973 G	-35.22	-22.22
2.500 G	2.520 G	100.00 k	2.511240 G	-2.16	-32.16

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Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.550 G	2.570 G	100.00 k	2.568940 G	17.50	-12.50
2.570 G	2.571 G	200.00 k	2.570032 G	-40.72	-27.72
2.571 G	2.575 G	1.00 M	2.571027 G	-42.40	-29.40
2.575 G	2.580 G	1.00 M	2.577597 G	-34.70	-9.70

Date: 8.JAN.2014 15:00:32

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
2.550 G	2.570 G	100.00 k	2.557740 G	-1.62	-31.62
2.570 G	2.571 G	200.00 k	2.570007 G	-36.27	-23.27
2.571 G	2.575 G	1.00 M	2.571018 G	-30.07	-17.07
2.575 G	2.580 G	1.00 M	2.578101 G	-30.50	-5.50
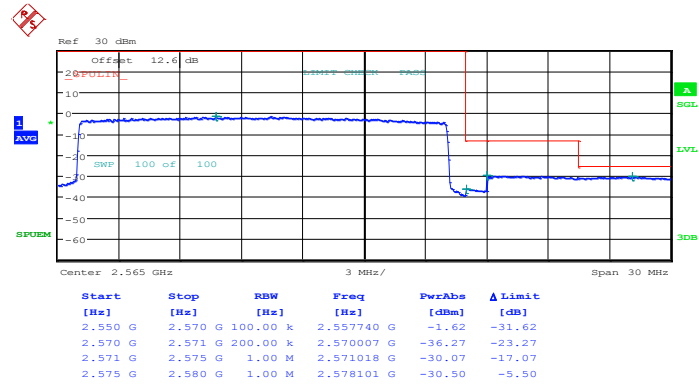
Date: 8.JAN.2014 15:01:14

3.6 Conducted Spurious Emission Measurement

3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For Band 7

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 9 kHz up to a frequency including its 10th harmonic.

3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. The EUT was connected to spectrum analyzer and base station via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

   = P(W)- [43 + 10log(P)] (dB)

   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)

   = -13dBm.

3.6.4 Test Setup
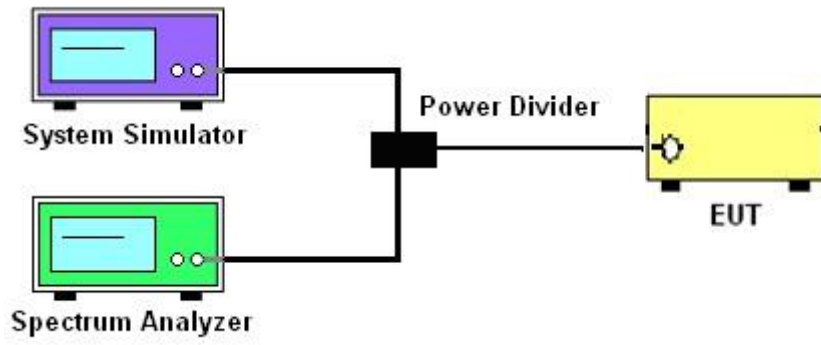
3.6.5 Test Result (Plots) of Conducted Spurious Emission

Band :	LTE Band 5	Channel :	CH20407 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)


```
Ref    0 dBm
       Offset  11.9 dB
     -10                         LIMIT CHECK  PASS
     -20                                                                          A
                                                                                  SGL
     -30
  1  -40
 AVG                                                                              LVL
     -50
         SWP  100 of  100
     -60
     -70
     -80
SPUEM
     -90                                                                          3DB

Start 30 MHz                      897 MHz/                        Stop 9 GHz
```

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	245.090000 M	-60.53	-47.53
860.000 M	1.000 G	100.00 k	944.140000 M	-60.65	-47.65
1.000 G	3.000 G	1.00 M	1.648000 G	-45.31	-32.31
3.000 G	7.000 G	1.00 M	3.112000 G	-46.08	-33.08
7.000 G	9.000 G	1.00 M	8.670000 G	-47.06	-34.06
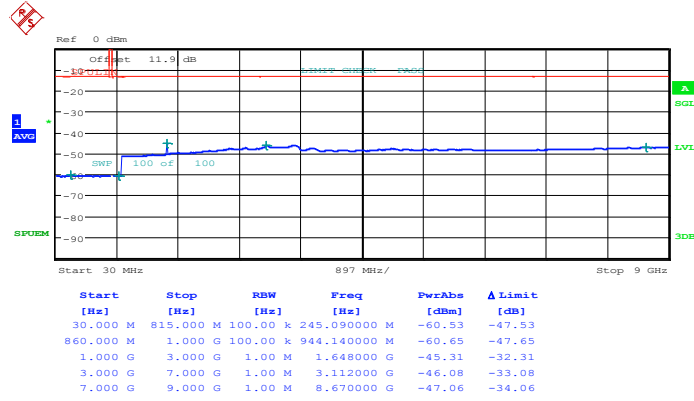
Date: 9.JAN.2014 08:17:40

16QAM (RB Size 1, RB Offset 0)


```
Ref    0 dBm
       Offset  11.9 dB
     -10                         LIMIT CHECK  PASS
     -20                                                                          A
                                                                                  SGL
     -30
  1  -40
 AVG                                                                              LVL
     -50
         SWP  100 of  100
     -60
     -70
     -80
SPUEM
     -90                                                                          3DB

Start 30 MHz                      897 MHz/                        Stop 9 GHz
```

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	350.280000 M	-60.63	-47.63
860.000 M	1.000 G	100.00 k	949.740000 M	-60.53	-47.53
1.000 G	3.000 G	1.00 M	1.648000 G	-46.96	-33.96
3.000 G	7.000 G	1.00 M	3.488000 G	-46.16	-33.16
7.000 G	9.000 G	1.00 M	8.672000 G	-47.00	-34.00
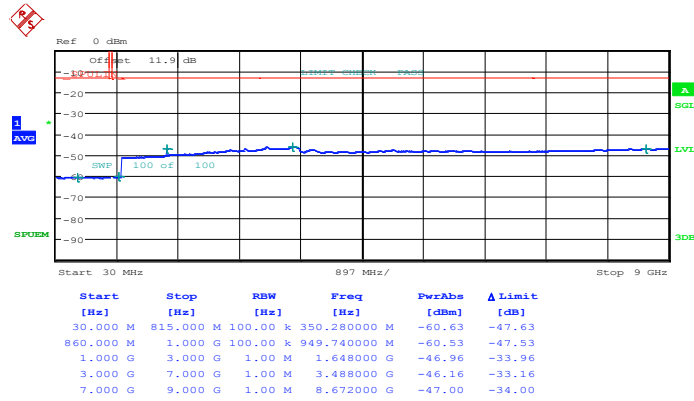
Date: 9.JAN.2014 08:18:27

Band :	LTE Band 5	Channel :	CH20525 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	247.445000 M	-60.55	-47.55
860.000 M	1.000 G	100.00 k	966.400000 M	-60.04	-47.04
1.000 G	3.000 G	1.00 M	1.672000 G	-44.31	-31.31
3.000 G	7.000 G	1.00 M	3.500000 G	-46.13	-33.13
7.000 G	9.000 G	1.00 M	8.664000 G	-47.08	-34.08
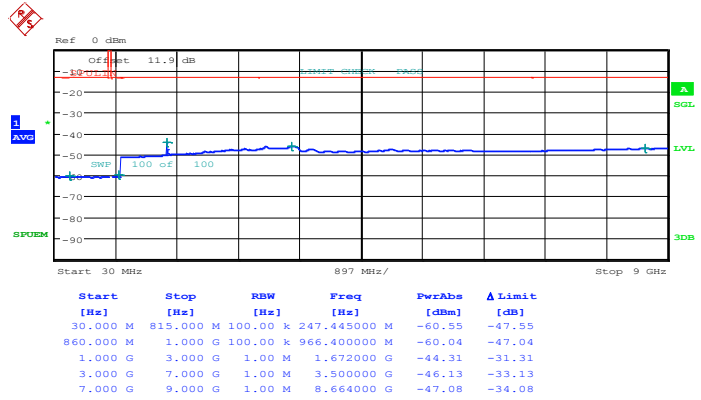
Date: 9.JAN.2014 08:20:05

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	249.800000 M	-60.51	-47.51
860.000 M	1.000 G	100.00 k	961.080000 M	-60.44	-47.44
1.000 G	3.000 G	1.00 M	1.672000 G	-45.77	-32.77
3.000 G	7.000 G	1.00 M	3.500000 G	-46.04	-33.04
7.000 G	9.000 G	1.00 M	8.876000 G	-47.03	-34.03
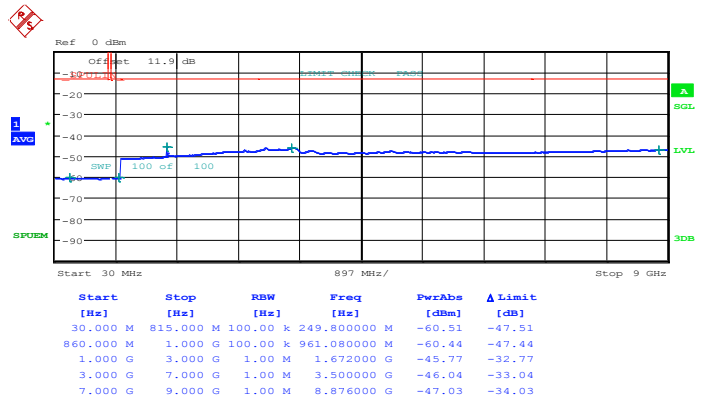
Date: 9.JAN.2014 08:20:52

Band :	LTE Band 5	Channel :	CH20643 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	240.380000 M	-60.54	-47.54
860.000 M	1.000 G	100.00 k	938.400000 M	-60.42	-47.42
1.000 G	3.000 G	1.00 M	1.696000 G	-43.96	-30.96
3.000 G	7.000 G	1.00 M	3.488000 G	-46.12	-33.12
7.000 G	9.000 G	1.00 M	8.634000 G	-47.04	-34.04
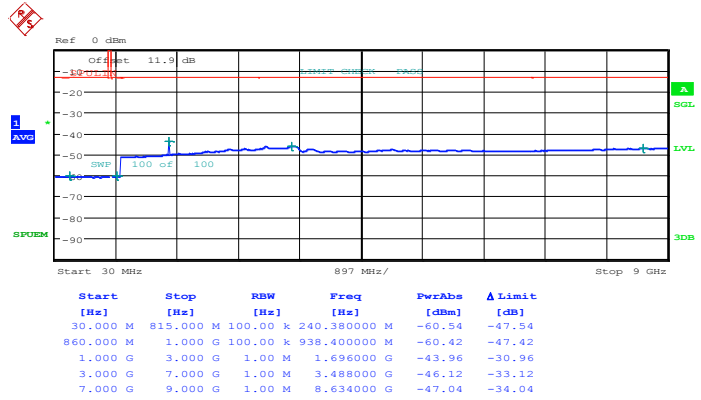
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	237.240000 M	-60.56	-47.56
860.000 M	1.000 G	100.00 k	958.140000 M	-60.44	-47.44
1.000 G	3.000 G	1.00 M	1.696000 G	-45.42	-32.42
3.000 G	7.000 G	1.00 M	3.516000 G	-46.10	-33.10
7.000 G	9.000 G	1.00 M	8.886000 G	-47.07	-34.07
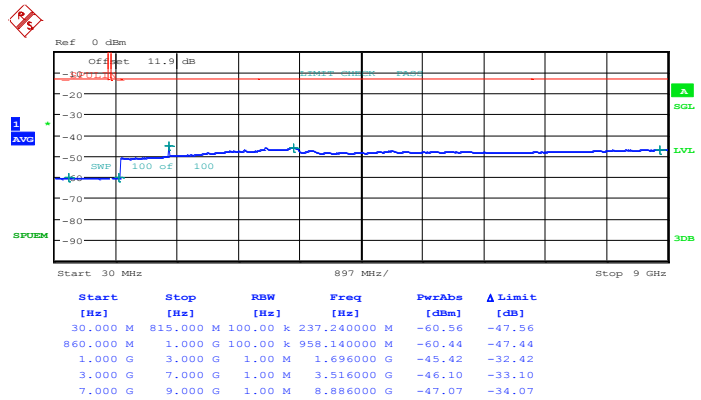
Date: 9.JAN.2014 08:26:07

Band :	LTE Band 5	Channel :	CH20415 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	815.000 M	100.00 k	247.445000 M	-60.49	-47.49
860.000 M	1.000 G	100.00 k	948.620000 M	-60.49	-47.49
1.000 G	3.000 G	1.00 M	1.648000 G	-44.48	-31.48
3.000 G	7.000 G	1.00 M	3.504000 G	-46.12	-33.12
7.000 G	9.000 G	1.00 M	8.676000 G	-47.06	-34.06
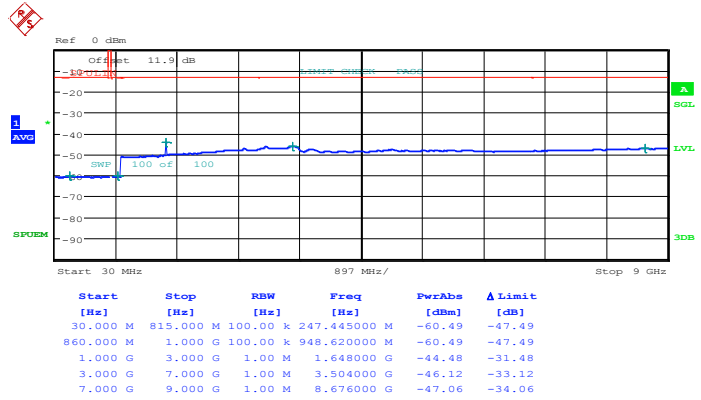
Date: 9.JAN.2014 08:32:40

16QAM (RB Size 1, RB Offset 0)

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	815.000 M	100.00 k	238.810000 M	-60.51	-47.51
860.000 M	1.000 G	100.00 k	933.640000 M	-60.52	-47.52
1.000 G	3.000 G	1.00 M	1.648000 G	-46.03	-33.03
3.000 G	7.000 G	1.00 M	3.500000 G	-46.17	-33.17
7.000 G	9.000 G	1.00 M	8.664000 G	-47.12	-34.12
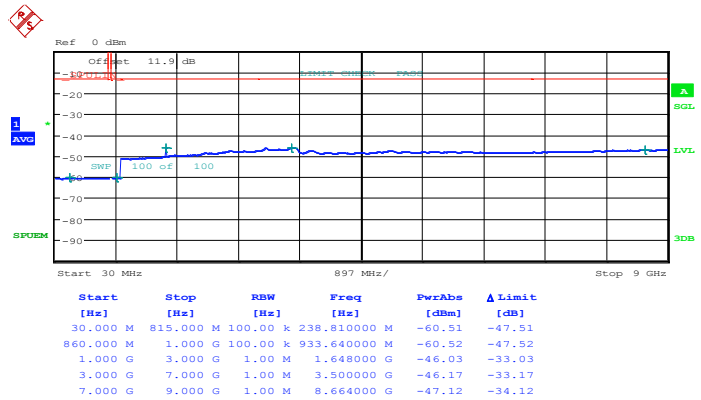
Date: 9.JAN.2014 08:33:27

Band :	LTE Band 5	Channel :	CH20525 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	243.520000 M	-60.43	-47.43
860.000 M	1.000 G	100.00 k	972.000000 M	-60.54	-47.54
1.000 G	3.000 G	1.00 M	1.670000 G	-45.38	-32.38
3.000 G	7.000 G	1.00 M	3.512000 G	-46.07	-33.07
7.000 G	9.000 G	1.00 M	8.672000 G	-46.99	-33.99
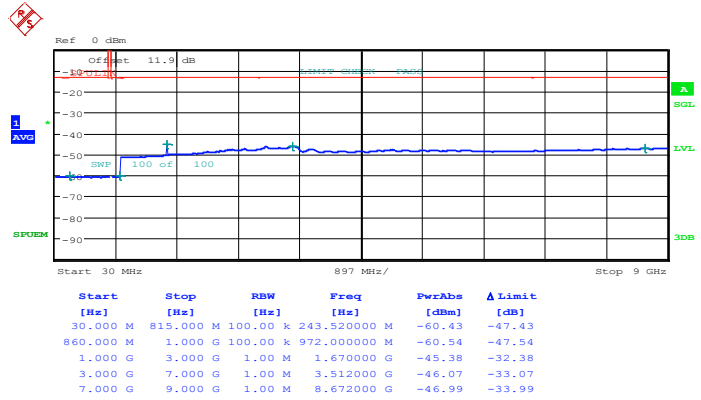
Date: 9.JAN.2014 08:35:04

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	238.810000 M	-60.52	-47.52
860.000 M	1.000 G	100.00 k	965.420000 M	-60.54	-47.54
1.000 G	3.000 G	1.00 M	1.670000 G	-46.99	-33.99
3.000 G	7.000 G	1.00 M	3.488000 G	-46.10	-33.10
7.000 G	9.000 G	1.00 M	8.654000 G	-47.04	-34.04
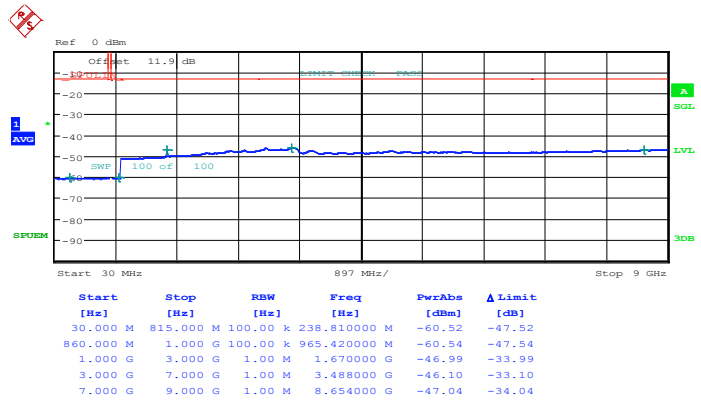
Date: 9.JAN.2014 08:35:50

Band :	LTE Band 5	Channel :	CH20635 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	237.240000 M	-60.46	-47.46
860.000 M	1.000 G	100.00 k	979.560000 M	-60.45	-47.45
1.000 G	3.000 G	1.00 M	1.692000 G	-45.31	-32.31
3.000 G	7.000 G	1.00 M	3.496000 G	-46.05	-33.05
7.000 G	9.000 G	1.00 M	8.944000 G	-47.02	-34.02
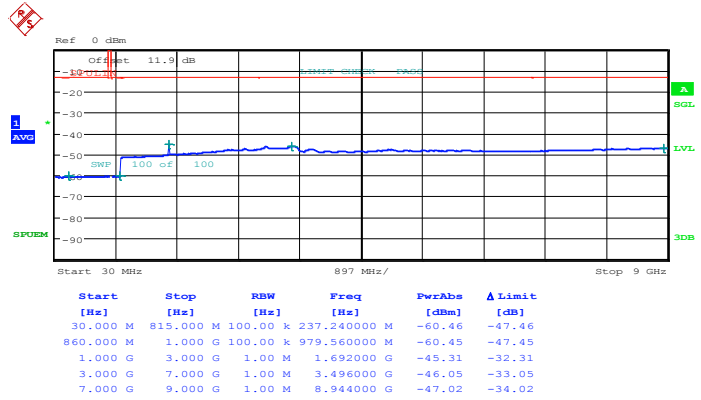
Date: 9.JAN.2014 08:40:17

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	238.810000 M	-60.45	-47.45
860.000 M	1.000 G	100.00 k	938.260000 M	-60.52	-47.52
1.000 G	3.000 G	1.00 M	1.692000 G	-46.59	-33.59
3.000 G	7.000 G	1.00 M	3.512000 G	-46.10	-33.10
7.000 G	9.000 G	1.00 M	8.664000 G	-47.05	-34.05
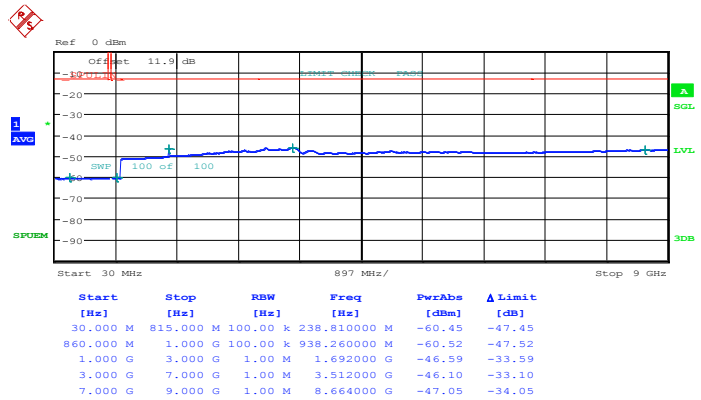
Date: 9.JAN.2014 08:41:04

Band :	LTE Band 5	Channel :	CH20425 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	239.595000 M	-60.48	-47.48
860.000 M	1.000 G	100.00 k	952.260000 M	-60.43	-47.43
1.000 G	3.000 G	1.00 M	1.650000 G	-44.69	-31.69
3.000 G	7.000 G	1.00 M	3.516000 G	-46.13	-33.13
7.000 G	9.000 G	1.00 M	8.670000 G	-47.03	-34.03
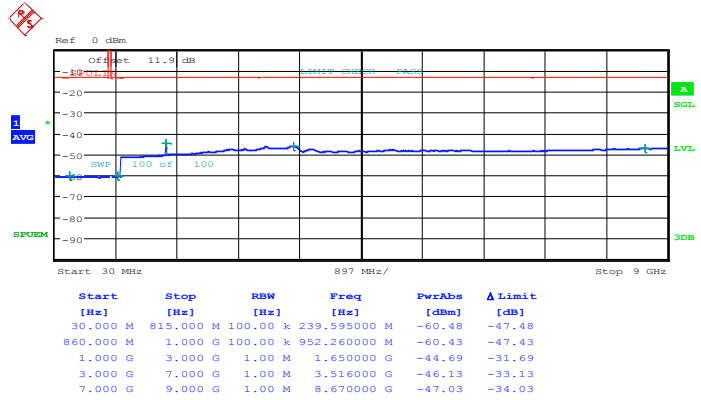
Date: 9.JAN.2014 08:45:35

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	807.150000 M	-60.44	-47.44
860.000 M	1.000 G	100.00 k	939.240000 M	-60.65	-47.65
1.000 G	3.000 G	1.00 M	1.650000 G	-46.38	-33.38
3.000 G	7.000 G	1.00 M	3.516000 G	-46.13	-33.13
7.000 G	9.000 G	1.00 M	8.678000 G	-47.07	-34.07
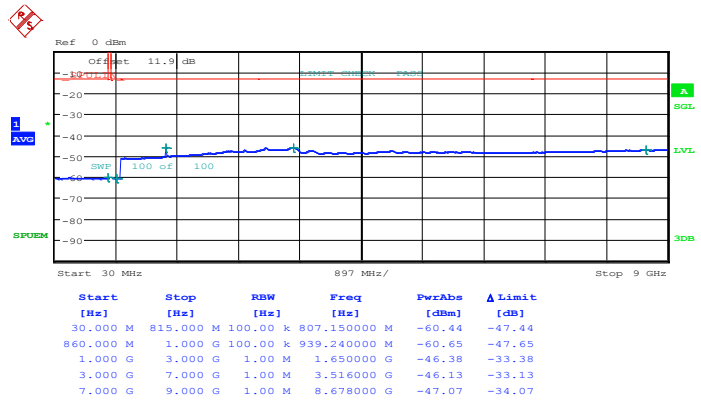
Date: 9.JAN.2014 08:46:21

Band :	LTE Band 5	Channel :	CH20525 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	242.735000 M	-60.36	-47.36
860.000 M	1.000 G	100.00 k	954.080000 M	-60.53	-47.53
1.000 G	3.000 G	1.00 M	1.668000 G	-45.37	-32.37
3.000 G	7.000 G	1.00 M	3.492000 G	-46.11	-33.11
7.000 G	9.000 G	1.00 M	8.844000 G	-47.05	-34.05
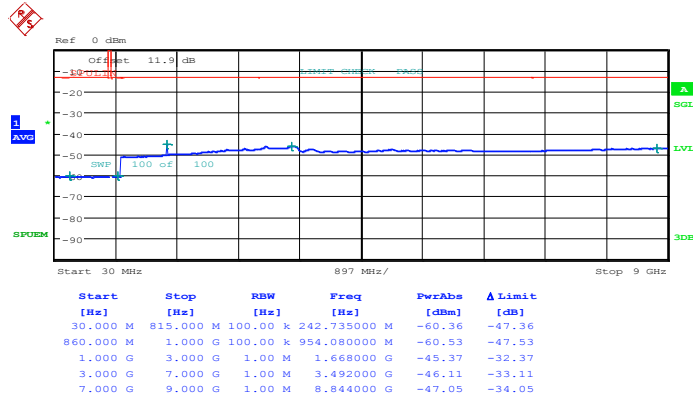
Date: 9.JAN.2014 08:47:59

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	242.735000 M	-60.47	-47.47
860.000 M	1.000 G	100.00 k	889.400000 M	-60.54	-47.54
1.000 G	3.000 G	1.00 M	1.668000 G	-46.27	-33.27
3.000 G	7.000 G	1.00 M	3.496000 G	-45.97	-32.97
7.000 G	9.000 G	1.00 M	8.646000 G	-47.05	-34.05
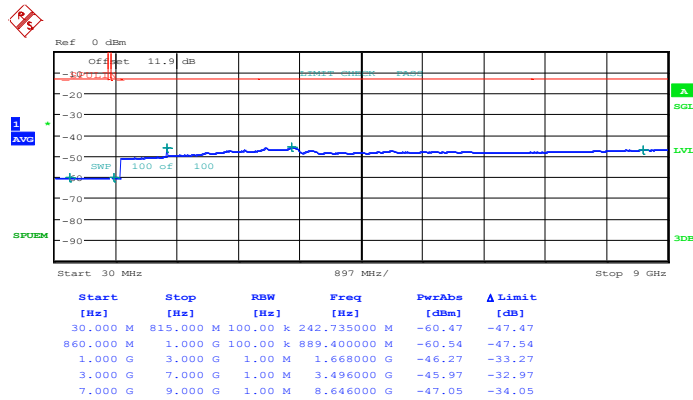
Date: 9.JAN.2014 08:48:45

Band :	LTE Band 5	Channel :	CH20625 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	251.370000 M	-60.52	-47.52
860.000 M	1.000 G	100.00 k	911.100000 M	-60.36	-47.36
1.000 G	3.000 G	1.00 M	1.690000 G	-44.85	-31.85
3.000 G	7.000 G	1.00 M	3.496000 G	-46.10	-33.10
7.000 G	9.000 G	1.00 M	8.660000 G	-47.08	-34.08
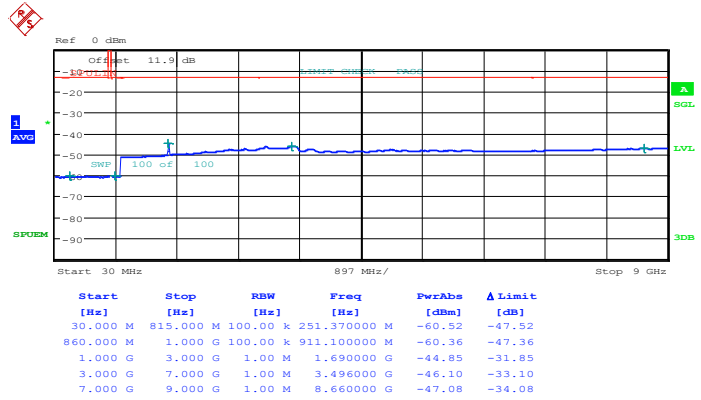
Date: 9.JAN.2014 08:53:12

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	250.585000 M	-60.48	-47.48
860.000 M	1.000 G	100.00 k	971.300000 M	-60.53	-47.53
1.000 G	3.000 G	1.00 M	1.690000 G	-46.06	-33.06
3.000 G	7.000 G	1.00 M	3.508000 G	-46.04	-33.04
7.000 G	9.000 G	1.00 M	8.674000 G	-47.01	-34.01
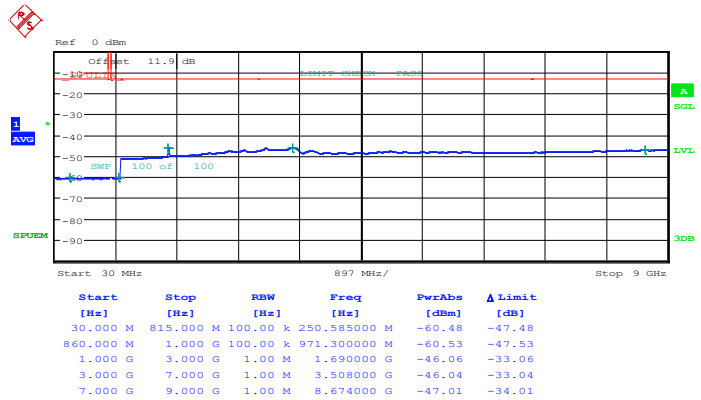
Date: 9.JAN.2014 08:53:59

Band :	LTE Band 5	Channel :	CH20450 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset   11.9 dB

Start 30 MHz   897 MHz/   Stop 9 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	248.230000 M	-60.40	-47.40
860.000 M	1.000 G	100.00 k	971.440000 M	-60.43	-47.43
1.000 G	3.000 G	1.00 M	1.650 G	-44.18	-31.18
3.000 G	7.000 G	1.00 M	3.508000 G	-46.15	-33.15
7.000 G	9.000 G	1.00 M	8.840000 G	-47.07	-34.07
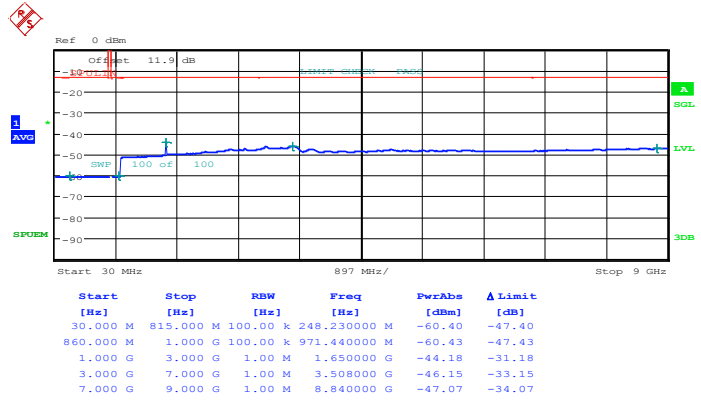
Date: 9.JAN.2014 08:58:29

16QAM (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset   11.9 dB

Start 30 MHz   897 MHz/   Stop 9 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	240.380000 M	-60.44	-47.44
860.000 M	1.000 G	100.00 k	980.120000 M	-60.46	-47.46
1.000 G	3.000 G	1.00 M	1.650 G	-44.62	-31.62
3.000 G	7.000 G	1.00 M	3.484000 G	-46.08	-33.08
7.000 G	9.000 G	1.00 M	8.672000 G	-47.08	-34.08
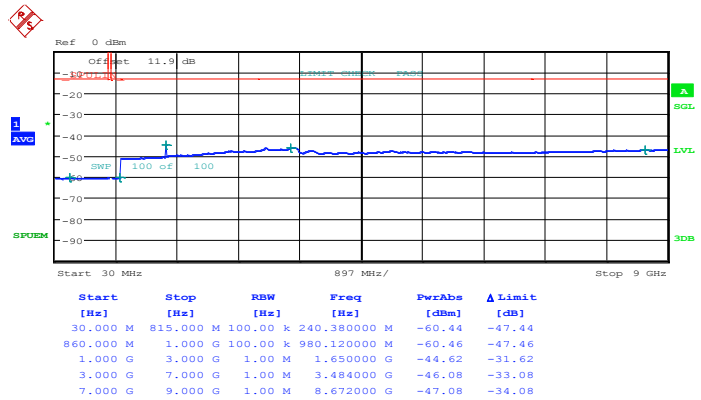
Date: 9.JAN.2014 08:59:16

Band :	LTE Band 5	Channel :	CH20525 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	236.455000 M	-60.43	-47.43
860.000 M	1.000 G	100.00 k	909.840000 M	-60.47	-47.47
1.000 G	3.000 G	1.00 M	1.664000 G	-45.51	-32.51
3.000 G	7.000 G	1.00 M	3.500000 G	-46.03	-33.03
7.000 G	9.000 G	1.00 M	8.868000 G	-47.03	-34.03
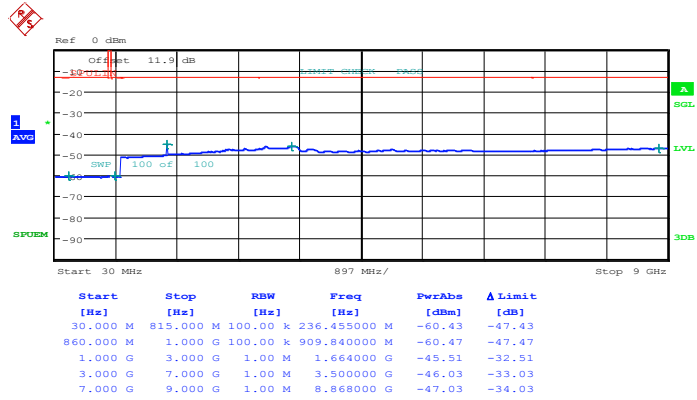
Date: 9.JAN.2014 09:00:54

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	247.445000 M	-60.49	-47.49
860.000 M	1.000 G	100.00 k	951.560000 M	-60.58	-47.58
1.000 G	3.000 G	1.00 M	2.800000 G	-47.32	-34.32
3.000 G	7.000 G	1.00 M	3.504000 G	-46.09	-33.09
7.000 G	9.000 G	1.00 M	8.674000 G	-46.98	-33.98
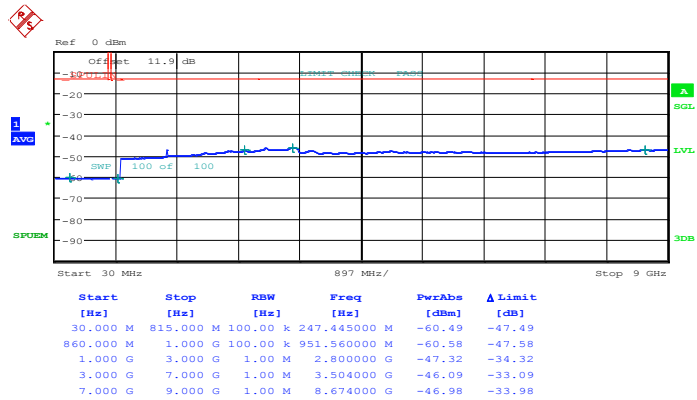
Date: 9.JAN.2014 09:01:41

Band :	LTE Band 5	Channel :	CH20600 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	238.810000 M	-60.37	-47.37
860.000 M	1.000 G	100.00 k	978.440000 M	-60.54	-47.54
1.000 G	3.000 G	1.00 M	1.680000 G	-44.71	-31.71
3.000 G	7.000 G	1.00 M	3.512000 G	-46.06	-33.06
7.000 G	9.000 G	1.00 M	8.882000 G	-47.06	-34.06
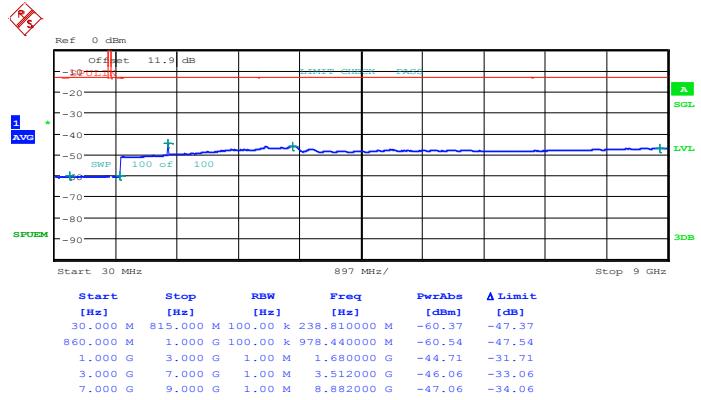
Date: 9.JAN.2014 09:06:08

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	815.000 M	100.00 k	241.165000 M	-60.44	-47.44
860.000 M	1.000 G	100.00 k	991.460000 M	-60.43	-47.43
1.000 G	3.000 G	1.00 M	1.680000 G	-46.22	-33.22
3.000 G	7.000 G	1.00 M	3.516000 G	-46.09	-33.09
7.000 G	9.000 G	1.00 M	8.848000 G	-47.03	-34.03
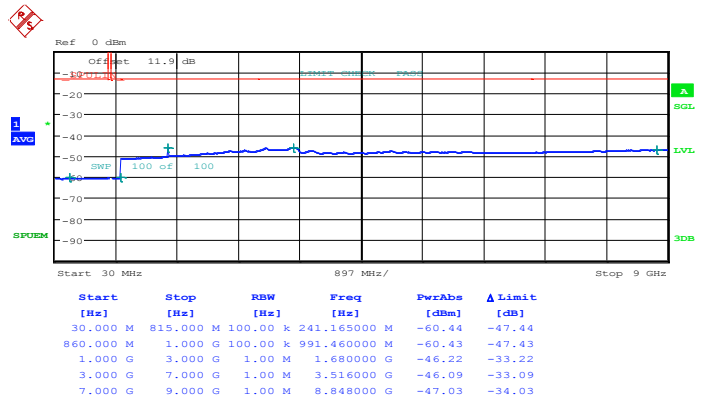
Date: 9.JAN.2014 09:06:54

Band :	LTE Band 2	Channel :	CH18607 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	960.230000 M	-50.52	-37.52
1.000 G	1.840 G	1.00 M	1.835800 G	-47.29	-34.29
1.920 G	3.000 G	1.00 M	2.794800 G	-46.39	-33.39
3.000 G	9.000 G	1.00 M	3.516000 G	-45.40	-32.40
9.000 G	13.000 G	1.00 M	10.924000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.050500 G	-42.41	-29.41
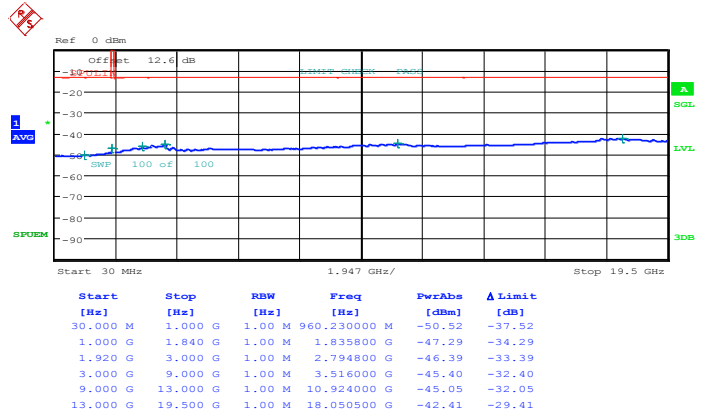
Date: 9.JAN.2014 15:20:42

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	981.570000 M	-50.50	-37.50
1.000 G	1.840 G	1.00 M	1.834960 G	-47.28	-34.28
1.920 G	3.000 G	1.00 M	2.791560 G	-46.40	-33.40
3.000 G	9.000 G	1.00 M	3.504000 G	-45.40	-32.40
9.000 G	13.000 G	1.00 M	10.936000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.057000 G	-42.45	-29.45
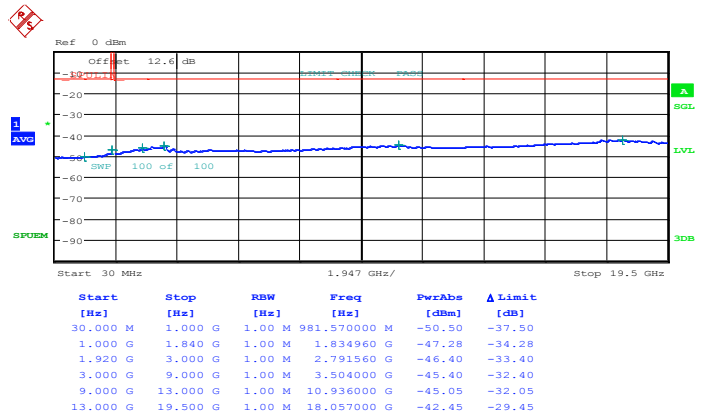
Date: 9.JAN.2014 15:21:38

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	964.110000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.815640 G	-49.19	-36.19
1.920 G	3.000 G	1.00 M	2.794800 G	-46.41	-33.41
3.000 G	9.000 G	1.00 M	3.498000 G	-45.35	-32.35
9.000 G	13.000 G	1.00 M	10.932000 G	-45.09	-32.09
13.000 G	19.500 G	1.00 M	18.057000 G	-42.39	-29.39
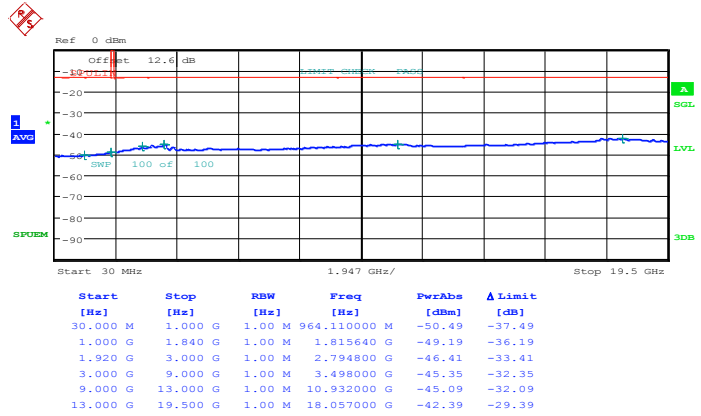
Date: 9.JAN.2014 15:23:24

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	854.500000 M	-50.51	-37.51
1.000 G	1.840 G	1.00 M	1.836640 G	-48.99	-35.99
1.920 G	3.000 G	1.00 M	2.791560 G	-46.31	-33.31
3.000 G	9.000 G	1.00 M	3.498000 G	-45.37	-32.37
9.000 G	13.000 G	1.00 M	10.920000 G	-45.03	-32.03
13.000 G	19.500 G	1.00 M	18.057000 G	-42.36	-29.36
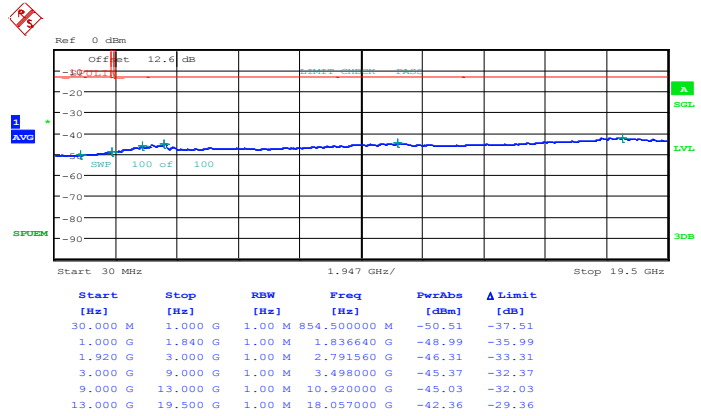
Date: 9.JAN.2014 15:24:20

Band :	LTE Band 2	Channel :	CH19193 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	935.010000 M	-50.57	-37.57
1.000 G	1.840 G	1.00 M	1.831600 G	-49.16	-36.16
1.920 G	3.000 G	1.00 M	2.795880 G	-46.37	-33.37
3.000 G	9.000 G	1.00 M	3.486000 G	-45.44	-32.44
9.000 G	13.000 G	1.00 M	10.928000 G	-44.97	-31.97
13.000 G	19.500 G	1.00 M	18.063500 G	-42.36	-29.36
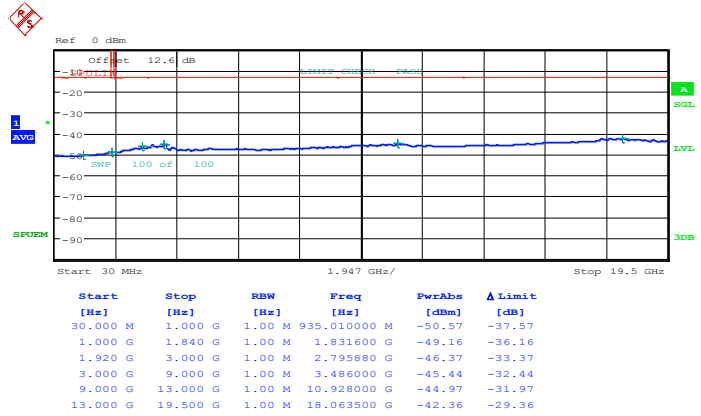
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	997.090000 M	-50.47	-37.47
1.000 G	1.840 G	1.00 M	1.831600 G	-49.00	-36.00
1.920 G	3.000 G	1.00 M	2.792640 G	-46.29	-33.29
3.000 G	9.000 G	1.00 M	3.498000 G	-45.35	-32.35
9.000 G	13.000 G	1.00 M	11.088000 G	-45.02	-32.02
13.000 G	19.500 G	1.00 M	18.063500 G	-42.39	-29.39
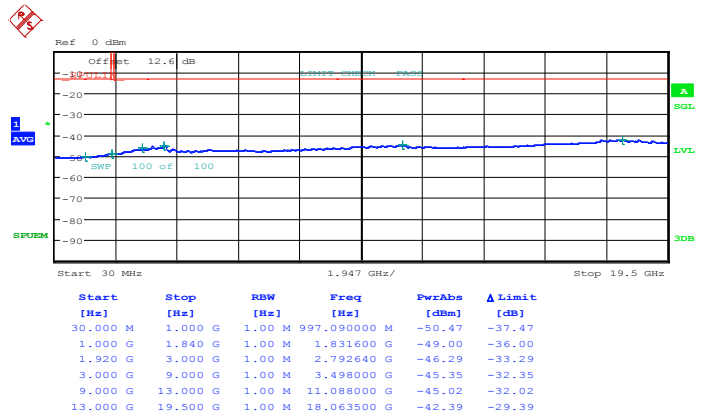
Date: 9.JAN.2014 15:27:02

Band :	LTE Band 2	Channel :	CH18615 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	808.910000 M	-50.48	-37.48
1.000 G	1.840 G	1.00 M	1.837480 G	-47.20	-34.20
1.920 G	3.000 G	1.00 M	2.793720 G	-46.59	-33.59
3.000 G	9.000 G	1.00 M	3.492000 G	-45.44	-32.44
9.000 G	13.000 G	1.00 M	10.968000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.050500 G	-42.42	-29.42
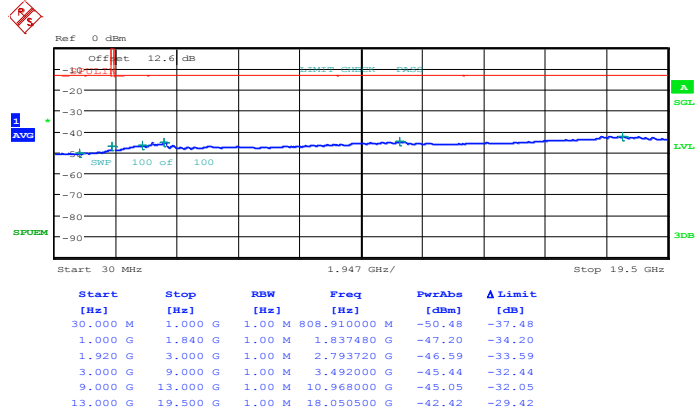
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	940.830000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.834120 G	-47.15	-34.15
1.920 G	3.000 G	1.00 M	2.794800 G	-46.28	-33.28
3.000 G	9.000 G	1.00 M	3.504000 G	-45.34	-32.34
9.000 G	13.000 G	1.00 M	10.948000 G	-45.08	-32.08
13.000 G	19.500 G	1.00 M	18.050500 G	-42.46	-29.46
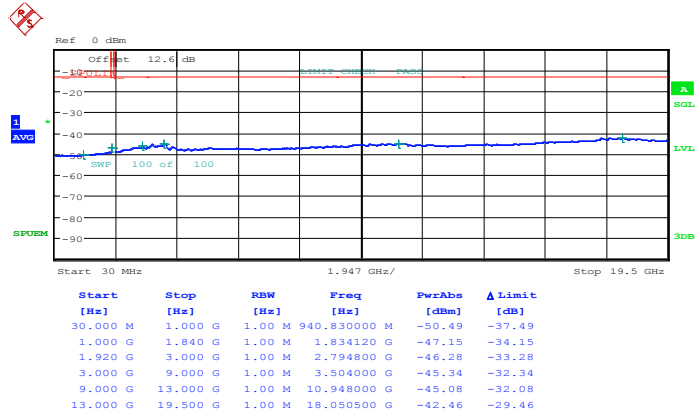
Date: 9.JAN.2014 15:31:51

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.6 dB

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	967.020000 M	-50.41	-37.41
1.000 G	1.840 G	1.00 M	1.695520 G	-49.10	-36.10
1.920 G	3.000 G	1.00 M	2.796960 G	-46.41	-33.41
3.000 G	9.000 G	1.00 M	3.504000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	10.936000 G	-45.09	-32.09
13.000 G	19.500 G	1.00 M	18.057000 G	-42.39	-29.39
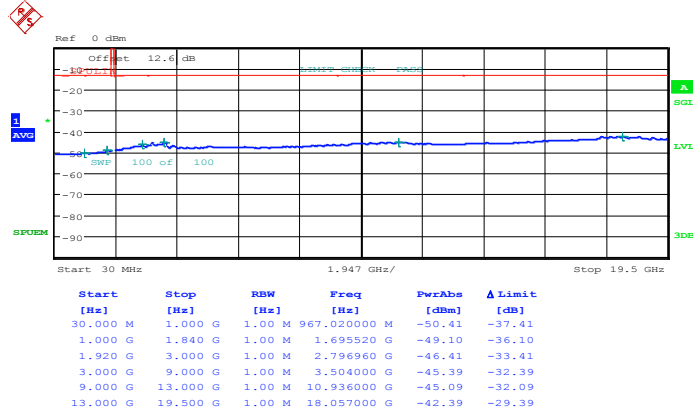
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16QAM (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.6 dB

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	964.110000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.771960 G	-49.16	-36.16
1.920 G	3.000 G	1.00 M	2.794800 G	-46.55	-33.55
3.000 G	9.000 G	1.00 M	3.498000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	10.932000 G	-45.04	-32.04
13.000 G	19.500 G	1.00 M	18.057000 G	-42.35	-29.35
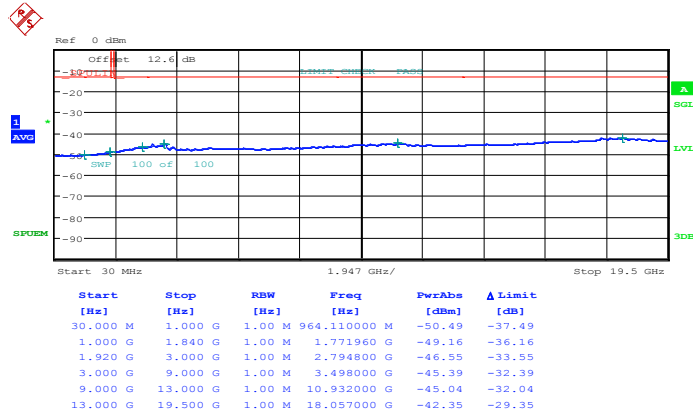
Date: 9.JAN.2014 15:34:32

Band :	LTE Band 2	Channel :	CH19185 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset   12.6 dB

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	976.720000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.745920 G	-49.09	-36.09
1.920 G	3.000 G	1.00 M	2.795880 G	-46.34	-33.34
3.000 G	9.000 G	1.00 M	3.510000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	10.932000 G	-45.07	-32.07
13.000 G	19.500 G	1.00 M	18.050500 G	-42.38	-29.38
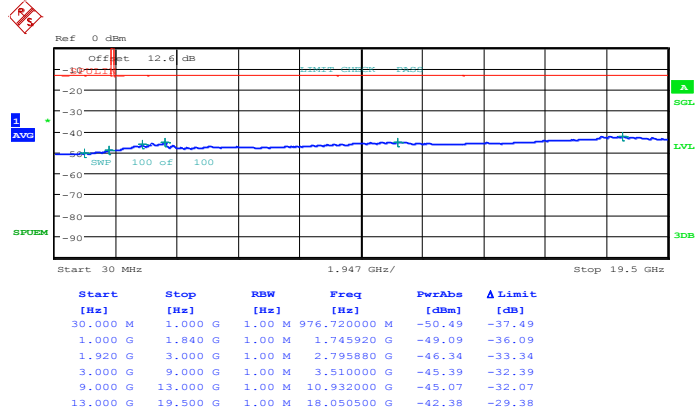
Date: 9.JAN.2014 15:36:18

16QAM (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset   12.6 dB

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	976.720000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.781200 G	-49.18	-36.18
1.920 G	3.000 G	1.00 M	2.792640 G	-46.40	-33.40
3.000 G	9.000 G	1.00 M	3.498000 G	-45.44	-32.44
9.000 G	13.000 G	1.00 M	10.944000 G	-45.08	-32.08
13.000 G	19.500 G	1.00 M	18.057000 G	-42.44	-29.44
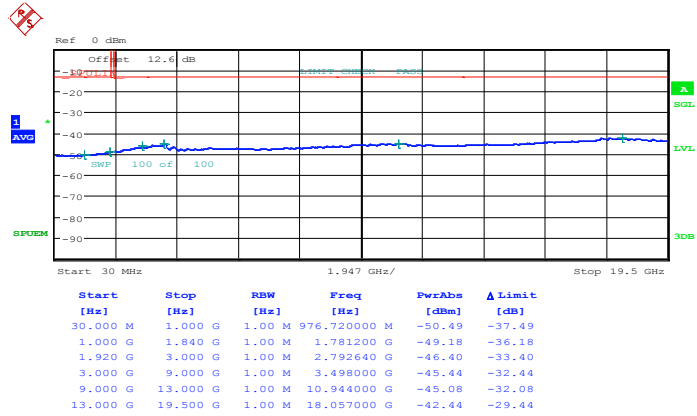
Date: 9.JAN.2014 15:37:14

Band :	LTE Band 2	Channel :	CH18625 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	911.730000 M	-50.43	-37.43
1.000 G	1.840 G	1.00 M	1.838320 G	-47.01	-34.01
1.920 G	3.000 G	1.00 M	2.793720 G	-46.34	-33.34
3.000 G	9.000 G	1.00 M	3.504000 G	-45.42	-32.42
9.000 G	13.000 G	1.00 M	10.924000 G	-44.99	-31.99
13.000 G	19.500 G	1.00 M	18.050500 G	-42.36	-29.36
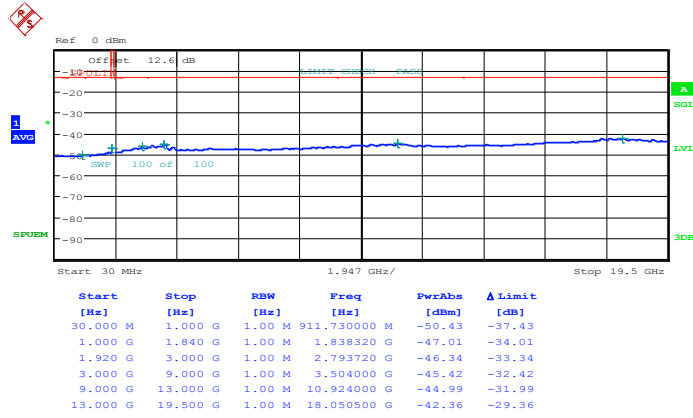
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	948.590000 M	-50.45	-37.45
1.000 G	1.840 G	1.00 M	1.834960 G	-47.08	-34.08
1.920 G	3.000 G	1.00 M	2.794800 G	-46.37	-33.37
3.000 G	9.000 G	1.00 M	3.498000 G	-45.40	-32.40
9.000 G	13.000 G	1.00 M	10.936000 G	-45.02	-32.02
13.000 G	19.500 G	1.00 M	18.050500 G	-42.39	-29.39
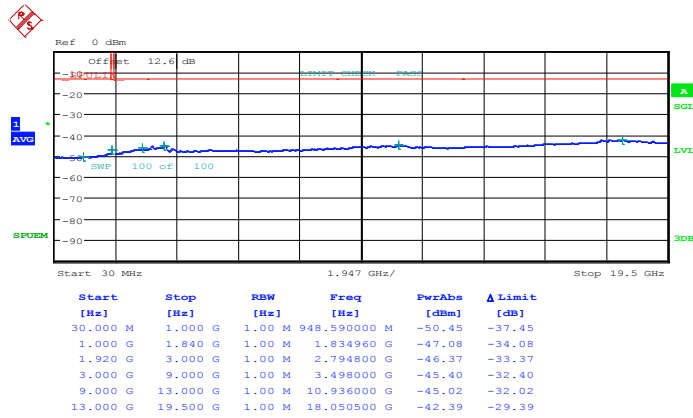
Date: 9.JAN.2014 15:40:00

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	838.980000 M	-50.48	-37.48
1.000 G	1.840 G	1.00 M	1.839160 G	-49.16	-36.16
1.920 G	3.000 G	1.00 M	2.794800 G	-46.39	-33.39
3.000 G	9.000 G	1.00 M	3.510000 G	-45.44	-32.44
9.000 G	13.000 G	1.00 M	10.952000 G	-45.03	-32.03
13.000 G	19.500 G	1.00 M	18.057000 G	-42.32	-29.32
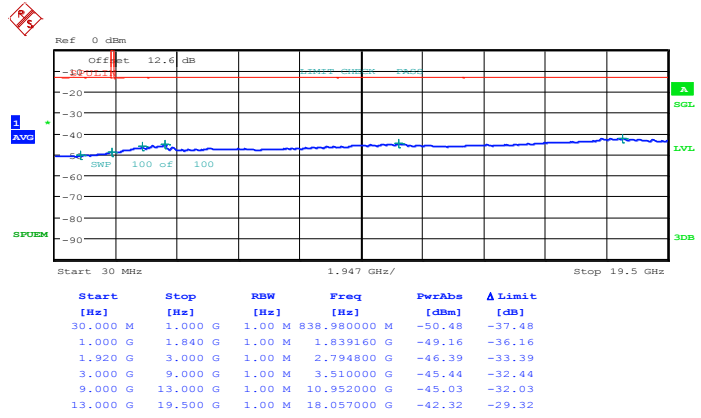
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	979.630000 M	-50.40	-37.40
1.000 G	1.840 G	1.00 M	1.808920 G	-49.06	-36.06
1.920 G	3.000 G	1.00 M	2.792640 G	-46.38	-33.38
3.000 G	9.000 G	1.00 M	3.486000 G	-45.43	-32.43
9.000 G	13.000 G	1.00 M	10.912000 G	-45.06	-32.06
13.000 G	19.500 G	1.00 M	17.667000 G	-42.48	-29.48
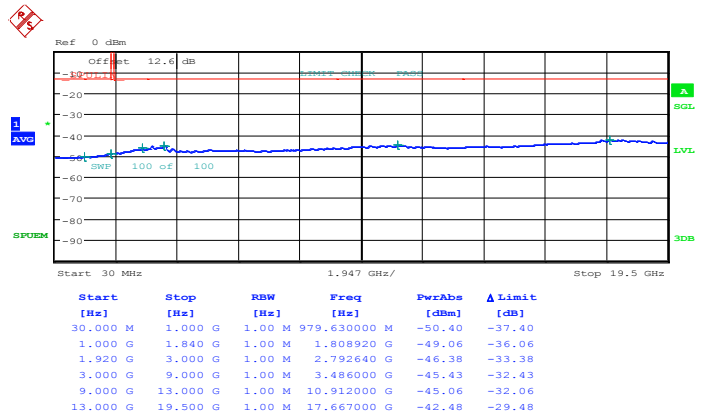
Date: 9.JAN.2014 15:42:42

Band :	LTE Band 2	Channel :	CH19175 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	980.600000 M	-50.50	-37.50
1.000 G	1.840 G	1.00 M	1.789600 G	-49.07	-36.07
1.920 G	3.000 G	1.00 M	2.795880 G	-46.39	-33.39
3.000 G	9.000 G	1.00 M	3.492000 G	-45.42	-32.42
9.000 G	13.000 G	1.00 M	10.944000 G	-45.03	-32.03
13.000 G	19.500 G	1.00 M	18.050500 G	-42.42	-29.42
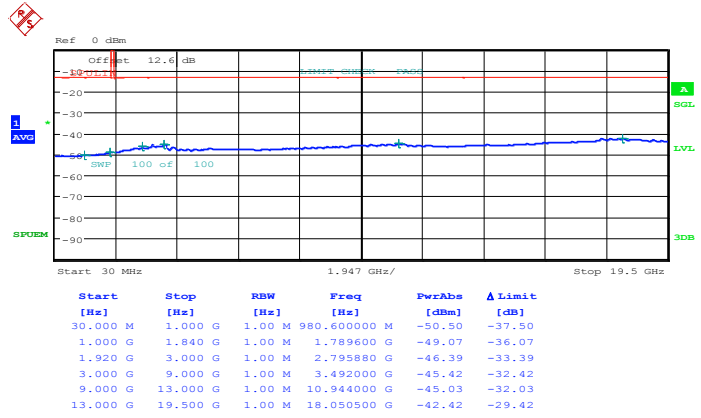
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	976.720000 M	-50.44	-37.44
1.000 G	1.840 G	1.00 M	1.826560 G	-49.11	-36.11
1.920 G	3.000 G	1.00 M	2.795880 G	-46.39	-33.39
3.000 G	9.000 G	1.00 M	3.522000 G	-45.35	-32.35
9.000 G	13.000 G	1.00 M	10.948000 G	-45.03	-32.03
13.000 G	19.500 G	1.00 M	18.050500 G	-42.39	-29.39
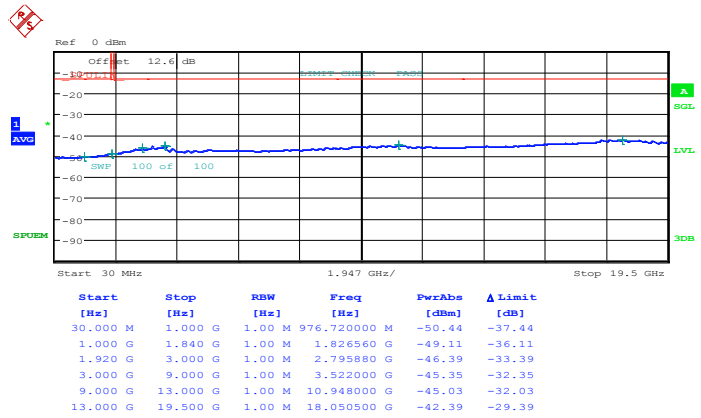
Date: 9.JAN.2014 15:45:23

Band :	LTE Band 2	Channel :	CH18650 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	253.100000 M	-50.54	-37.54
1.000 G	1.840 G	1.00 M	1.838320 G	-48.07	-35.07
1.920 G	3.000 G	1.00 M	2.794800 G	-46.47	-33.47
3.000 G	9.000 G	1.00 M	3.504000 G	-45.35	-32.35
9.000 G	13.000 G	1.00 M	10.948000 G	-45.03	-32.03
13.000 G	19.500 G	1.00 M	18.063500 G	-42.36	-29.36
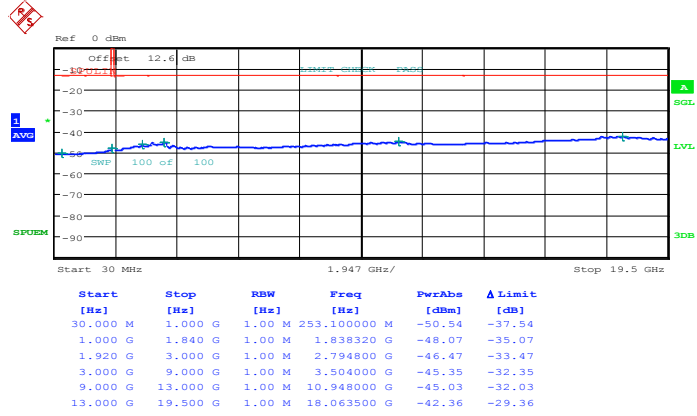
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	913.670000 M	-50.56	-37.56
1.000 G	1.840 G	1.00 M	1.834120 G	-47.85	-34.85
1.920 G	3.000 G	1.00 M	2.795880 G	-46.31	-33.31
3.000 G	9.000 G	1.00 M	3.498000 G	-45.41	-32.41
9.000 G	13.000 G	1.00 M	10.992000 G	-45.07	-32.07
13.000 G	19.500 G	1.00 M	18.057000 G	-42.37	-29.37
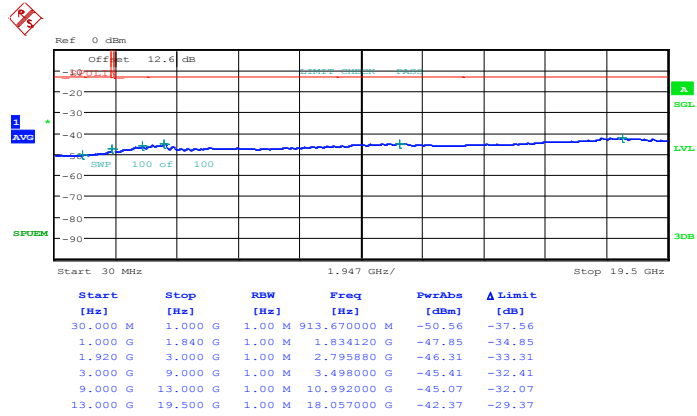
Date: 9.JAN.2014 15:48:09

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.6 dB

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	261.830000 M	-50.52	-37.52
1.000 G	1.840 G	1.00 M	1.811440 G	-49.07	-36.07
1.920 G	3.000 G	1.00 M	2.798040 G	-46.57	-33.57
3.000 G	9.000 G	1.00 M	3.498000 G	-45.34	-32.34
9.000 G	13.000 G	1.00 M	11.068000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.063500 G	-42.37	-29.37
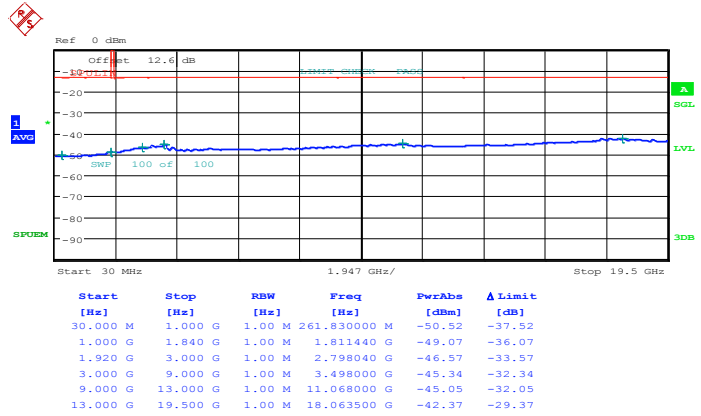
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16QAM (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.6 dB

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	986.420000 M	-50.50	-37.50
1.000 G	1.840 G	1.00 M	1.831600 G	-49.14	-36.14
1.920 G	3.000 G	1.00 M	2.794800 G	-46.47	-33.47
3.000 G	9.000 G	1.00 M	3.504000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	10.948000 G	-45.01	-32.01
13.000 G	19.500 G	1.00 M	18.057000 G	-42.44	-29.44

Date: 9.JAN.2014 15:50:51

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Report Template No.: BU5-FGLTE Version 1.0

Band :	LTE Band 2	Channel :	CH19150 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	983.510000 M	-50.43	-37.43
1.000 G	1.840 G	1.00 M	1.839160 G	-49.01	-36.01
1.920 G	3.000 G	1.00 M	2.799120 G	-46.46	-33.46
3.000 G	9.000 G	1.00 M	3.516000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	10.912000 G	-45.00	-32.00
13.000 G	19.500 G	1.00 M	18.063500 G	-42.44	-29.44
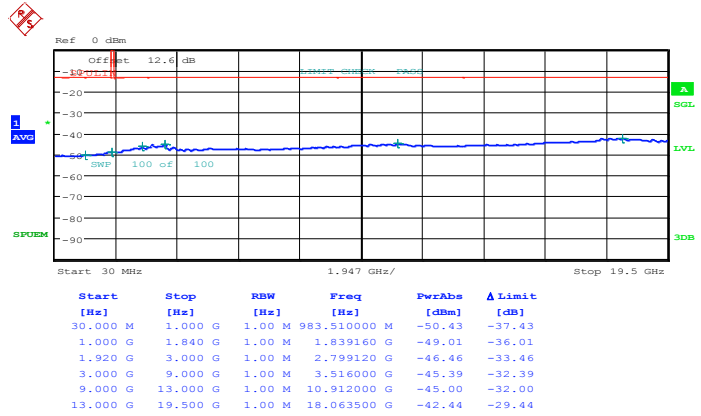
Date: 9.JAN.2014 15:52:37

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	971.870000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.813960 G	-49.20	-36.20
1.920 G	3.000 G	1.00 M	2.792640 G	-46.36	-33.36
3.000 G	9.000 G	1.00 M	3.492000 G	-45.43	-32.43
9.000 G	13.000 G	1.00 M	10.996000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.050500 G	-42.39	-29.39
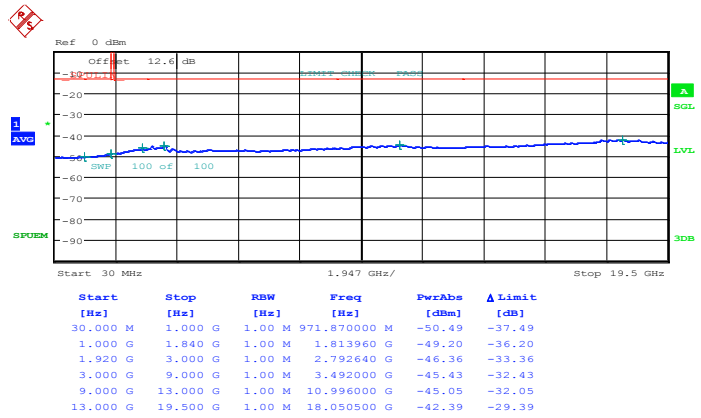
Date: 9.JAN.2014 15:53:33

Band :	LTE Band 2	Channel :	CH18675 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	915.610000 M	-50.44	-37.44
1.000 G	1.840 G	1.00 M	1.838320 G	-25.21	-12.21
1.920 G	3.000 G	1.00 M	2.798040 G	-46.52	-33.52
3.000 G	9.000 G	1.00 M	3.492000 G	-45.37	-32.37
9.000 G	13.000 G	1.00 M	10.904000 G	-45.00	-32.00
13.000 G	19.500 G	1.00 M	18.050500 G	-42.37	-29.37
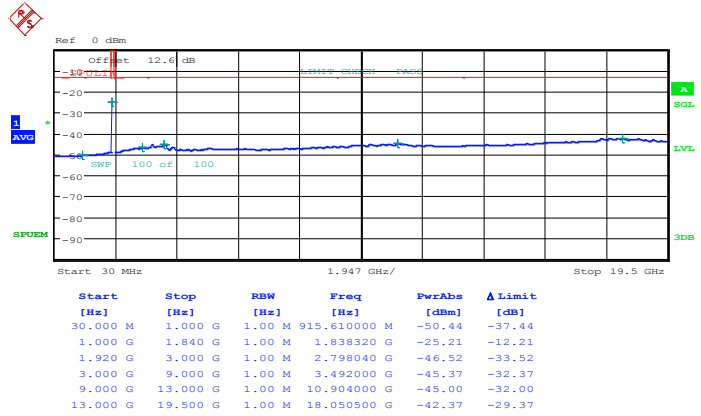
Date: 9.JAN.2014 15:55:24

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	979.630000 M	-50.44	-37.44
1.000 G	1.840 G	1.00 M	1.838320 G	-27.48	-14.48
1.920 G	3.000 G	1.00 M	2.795880 G	-46.42	-33.42
3.000 G	9.000 G	1.00 M	3.510000 G	-45.38	-32.38
9.000 G	13.000 G	1.00 M	10.948000 G	-45.02	-32.02
13.000 G	19.500 G	1.00 M	18.070000 G	-42.36	-29.36

Date: 9.JAN.2014 15:56:19

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Report Template No.: BU5-FGLTE Version 1.0

Band :	LTE Band 2	**Channel :**	CH18900 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	826.370000 M	-50.55	-37.55
1.000 G	1.840 G	1.00 M	1.836640 G	-48.99	-35.99
1.920 G	3.000 G	1.00 M	2.795880 G	-46.27	-33.27
3.000 G	9.000 G	1.00 M	3.510000 G	-45.40	-32.40
9.000 G	13.000 G	1.00 M	10.992000 G	-45.00	-32.00
13.000 G	19.500 G	1.00 M	18.057000 G	-42.38	-29.38

Date: 9.JAN.2014 15:58:05

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	978.660000 M	-50.39	-37.39
1.000 G	1.840 G	1.00 M	1.819840 G	-49.05	-36.05
1.920 G	3.000 G	1.00 M	2.794800 G	-46.43	-33.43
3.000 G	9.000 G	1.00 M	3.498000 G	-45.46	-32.46
9.000 G	13.000 G	1.00 M	10.960000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.063500 G	-42.37	-29.37
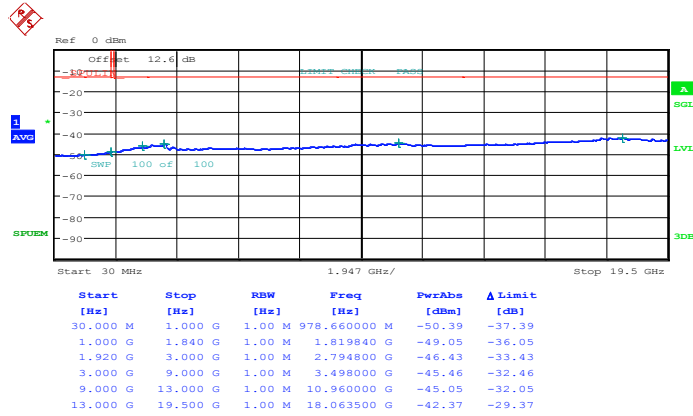
Date: 9.JAN.2014 15:59:01

Band :	LTE Band 2	Channel :	CH19125 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.6 dB
LIMIT CHECK PASS

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	968.960000 M	-50.51	-37.51
1.000 G	1.840 G	1.00 M	1.836640 G	-48.97	-35.97
1.920 G	3.000 G	1.00 M	2.795880 G	-46.38	-33.38
3.000 G	9.000 G	1.00 M	3.510000 G	-45.35	-32.35
9.000 G	13.000 G	1.00 M	10.924000 G	-45.08	-32.08
13.000 G	19.500 G	1.00 M	17.654000 G	-42.41	-29.41
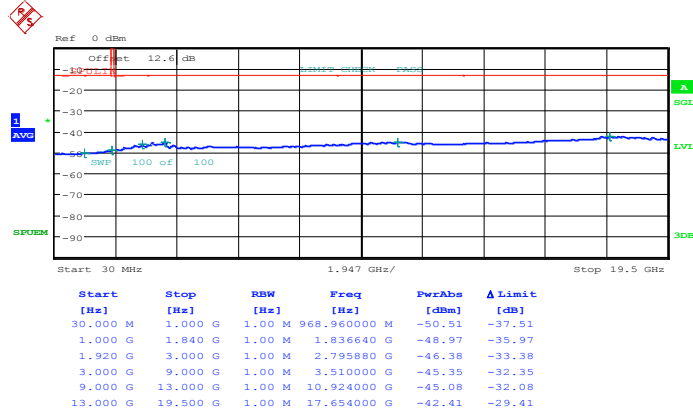
Date: 9.JAN.2014 16:00:47

16QAM (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.6 dB
LIMIT CHECK PASS

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	961.200000 M	-50.55	-37.55
1.000 G	1.840 G	1.00 M	1.688800 G	-49.12	-36.12
1.920 G	3.000 G	1.00 M	2.794800 G	-46.42	-33.42
3.000 G	9.000 G	1.00 M	3.498000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	11.080000 G	-45.03	-32.03
13.000 G	19.500 G	1.00 M	18.050500 G	-42.34	-29.34
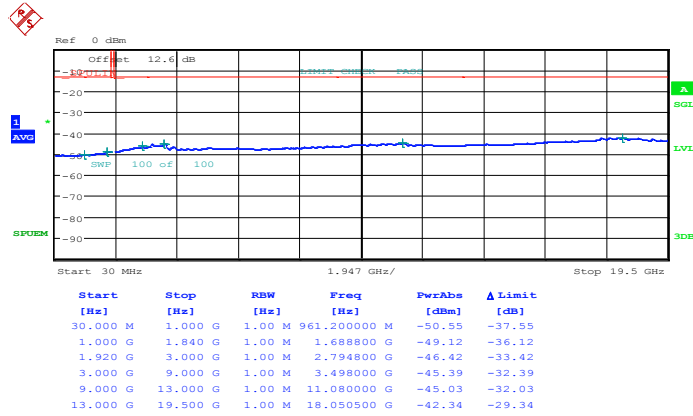
Date: 9.JAN.2014 16:01:43

Band :	LTE Band 2	Channel :	CH18700 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	952.470000 M	-50.49	-37.49
1.000 G	1.840 G	1.00 M	1.834120 G	-26.76	-13.76
1.920 G	3.000 G	1.00 M	2.796960 G	-46.33	-33.33
3.000 G	9.000 G	1.00 M	3.480000 G	-45.37	-32.37
9.000 G	13.000 G	1.00 M	11.092000 G	-45.06	-32.06
13.000 G	19.500 G	1.00 M	18.057000 G	-42.40	-29.40
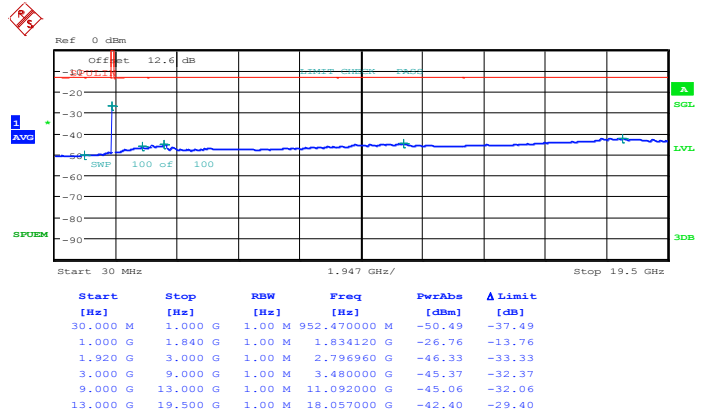
Date: 9.JAN.2014 16:03:33

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	247.280000 M	-50.42	-37.42
1.000 G	1.840 G	1.00 M	1.834120 G	-27.86	-14.86
1.920 G	3.000 G	1.00 M	2.795880 G	-46.67	-33.67
3.000 G	9.000 G	1.00 M	3.492000 G	-45.34	-32.34
9.000 G	13.000 G	1.00 M	10.916000 G	-45.00	-32.00
13.000 G	19.500 G	1.00 M	18.057000 G	-42.29	-29.29
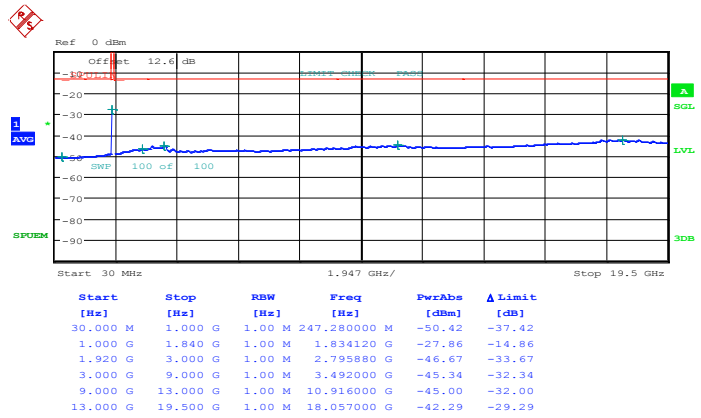
Date: 9.JAN.2014 16:04:29

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	942.770000 M	-50.53	-37.53
1.000 G	1.840 G	1.00 M	1.836640 G	-47.23	-34.23
1.920 G	3.000 G	1.00 M	2.796960 G	-46.37	-33.37
3.000 G	9.000 G	1.00 M	3.498000 G	-45.40	-32.40
9.000 G	13.000 G	1.00 M	10.936000 G	-44.97	-31.97
13.000 G	19.500 G	1.00 M	18.050500 G	-42.39	-29.39
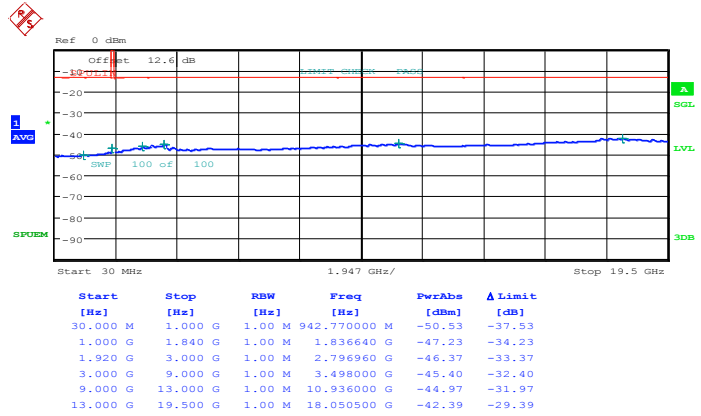
Date: 9.JAN.2014 16:06:15

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	246.310000 M	-50.42	-37.42
1.000 G	1.840 G	1.00 M	1.836640 G	-48.03	-35.03
1.920 G	3.000 G	1.00 M	2.794800 G	-46.42	-33.42
3.000 G	9.000 G	1.00 M	3.510000 G	-45.39	-32.39
9.000 G	13.000 G	1.00 M	10.904000 G	-45.05	-32.05
13.000 G	19.500 G	1.00 M	18.057000 G	-42.37	-29.37
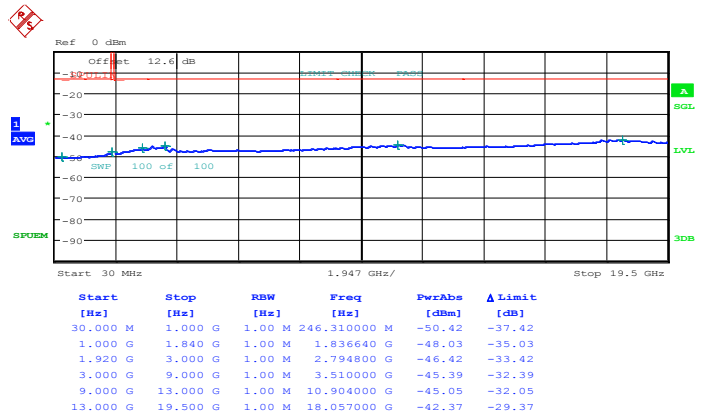
Date: 9.JAN.2014 16:07:11

Band :	LTE Band 2	Channel :	CH19100 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset   12.6 dB

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	967.020000 M	-50.55	-37.55
1.000 G	1.840 G	1.00 M	1.818160 G	-49.06	-36.06
1.920 G	3.000 G	1.00 M	2.790480 G	-46.44	-33.44
3.000 G	9.000 G	1.00 M	3.498000 G	-45.45	-32.45
9.000 G	13.000 G	1.00 M	10.960000 G	-44.97	-31.97
13.000 G	19.500 G	1.00 M	18.063500 G	-42.38	-29.38
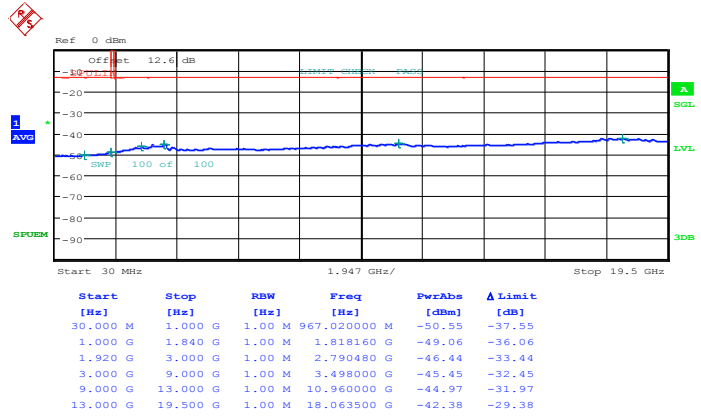
Date: 9.JAN.2014 16:08:57

16QAM (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset   12.6 dB

Start 30 MHz   1.947 GHz/   Stop 19.5 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	959.260000 M	-50.34	-37.34
1.000 G	1.840 G	1.00 M	1.837480 G	-49.06	-36.06
1.920 G	3.000 G	1.00 M	2.792640 G	-46.47	-33.47
3.000 G	9.000 G	1.00 M	3.510000 G	-45.38	-32.38
9.000 G	13.000 G	1.00 M	11.020000 G	-45.04	-32.04
13.000 G	19.500 G	1.00 M	18.063500 G	-42.44	-29.44
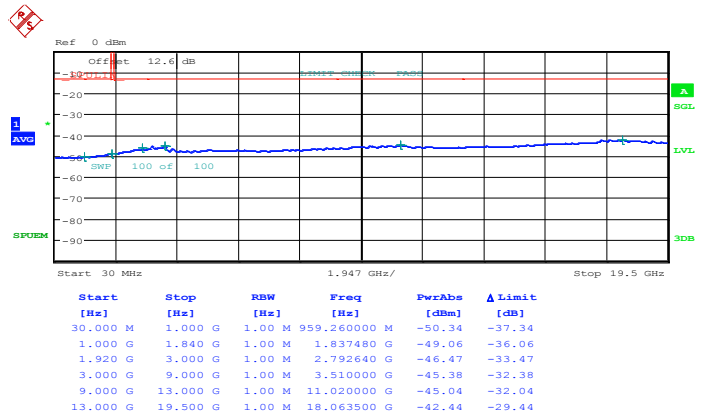
Date: 9.JAN.2014 16:09:53

Band :	LTE Band 4	Channel :	CH19957 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	974.780000 M	-50.72	-37.72
1.000 G	1.700 G	1.00 M	1.699300 G	-47.07	-34.07
1.765 G	3.000 G	1.00 M	2.799930 G	-46.79	-33.79
3.000 G	9.000 G	1.00 M	3.420000 G	-44.42	-31.42
9.000 G	13.000 G	1.00 M	10.932000 G	-45.25	-32.25
13.000 G	18.000 G	1.00 M	17.680000 G	-42.64	-29.64
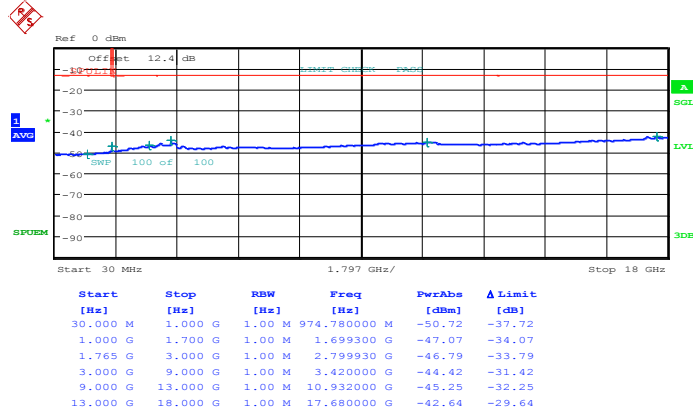
Date: 9.JAN.2014 16:19:11

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	942.770000 M	-50.75	-37.75
1.000 G	1.700 G	1.00 M	1.699300 G	-47.96	-34.96
1.765 G	3.000 G	1.00 M	2.794990 G	-46.67	-33.67
3.000 G	9.000 G	1.00 M	3.420000 G	-45.04	-32.04
9.000 G	13.000 G	1.00 M	10.944000 G	-45.18	-32.18
13.000 G	18.000 G	1.00 M	17.680000 G	-42.76	-29.76
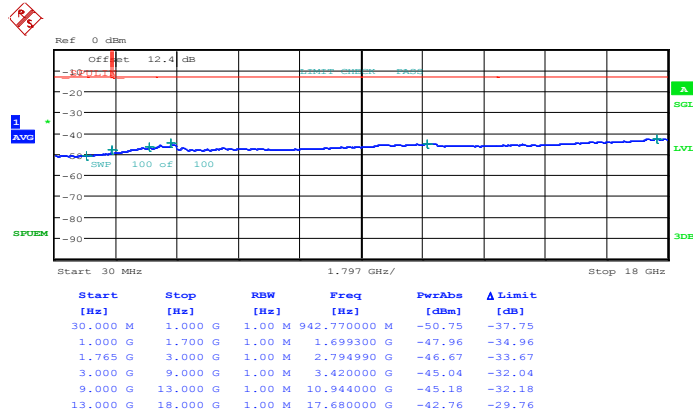
Date: 9.JAN.2014 16:20:06

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	976.720000 M	-50.63	-37.63
1.000 G	1.700 G	1.00 M	1.697900 G	-49.36	-36.36
1.765 G	3.000 G	1.00 M	2.793755 G	-46.68	-33.68
3.000 G	9.000 G	1.00 M	3.462000 G	-44.51	-31.51
9.000 G	13.000 G	1.00 M	10.900000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.655000 G	-42.58	-29.58
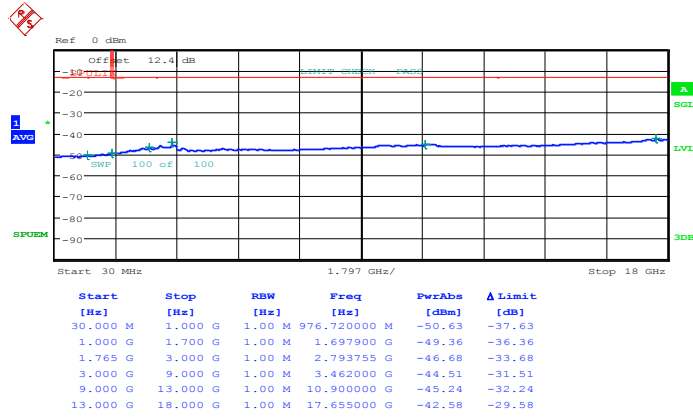
Date: 9.JAN.2014 16:21:52

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	965.080000 M	-50.71	-37.71
1.000 G	1.700 G	1.00 M	1.698600 G	-49.39	-36.39
1.765 G	3.000 G	1.00 M	2.794990 G	-46.63	-33.63
3.000 G	9.000 G	1.00 M	3.462000 G	-44.99	-31.99
9.000 G	13.000 G	1.00 M	10.964000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.665000 G	-42.66	-29.66
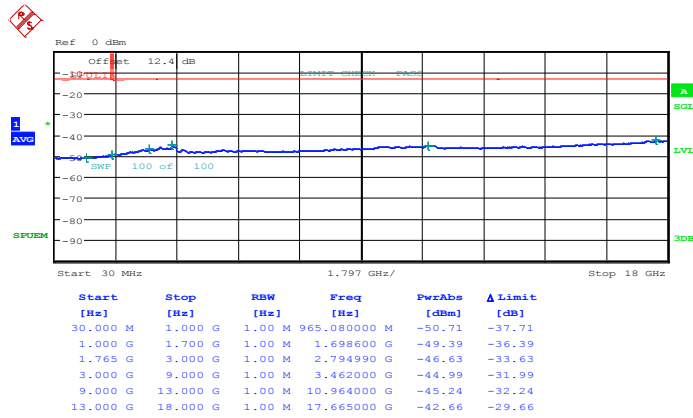
Date: 9.JAN.2014 16:22:48

Band :	LTE Band 4	Channel :	CH20393 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	1.000 G	1.00 M	957.320000 M	-50.59	-37.59
1.000 G	1.700 G	1.00 M	1.698600 G	-49.60	-36.60
1.765 G	3.000 G	1.00 M	2.793755 G	-46.58	-33.58
3.000 G	9.000 G	1.00 M	3.504000 G	-44.10	-31.10
9.000 G	13.000 G	1.00 M	10.948000 G	-45.21	-32.21
13.000 G	18.000 G	1.00 M	17.660000 G	-42.75	-29.75
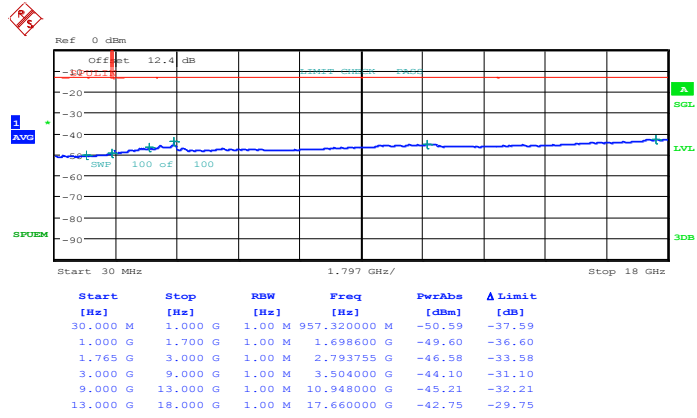
Date: 9.JAN.2014 16:24:34

16QAM (RB Size 1, RB Offset 0)

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	1.000 G	1.00 M	993.210000 M	-50.64	-37.64
1.000 G	1.700 G	1.00 M	1.696500 G	-49.42	-36.42
1.765 G	3.000 G	1.00 M	2.792520 G	-46.74	-33.74
3.000 G	9.000 G	1.00 M	3.504000 G	-44.76	-31.76
9.000 G	13.000 G	1.00 M	10.956000 G	-45.23	-32.23
13.000 G	18.000 G	1.00 M	17.660000 G	-42.67	-29.67
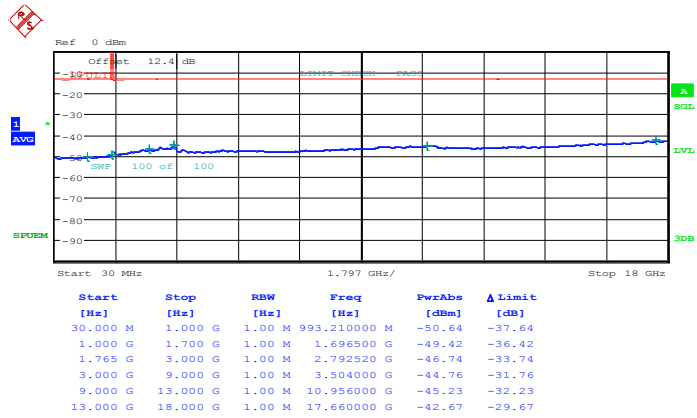
Date: 9.JAN.2014 16:25:29

Band :	LTE Band 4	Channel :	CH19965 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	949.560000 M	-50.68	-37.68
1.000 G	1.700 G	1.00 M	1.699300 G	-47.32	-34.32
1.765 G	3.000 G	1.00 M	2.793755 G	-46.65	-33.65
3.000 G	9.000 G	1.00 M	3.420000 G	-44.34	-31.34
9.000 G	13.000 G	1.00 M	10.948000 G	-45.26	-32.26
13.000 G	18.000 G	1.00 M	17.665000 G	-42.73	-29.73
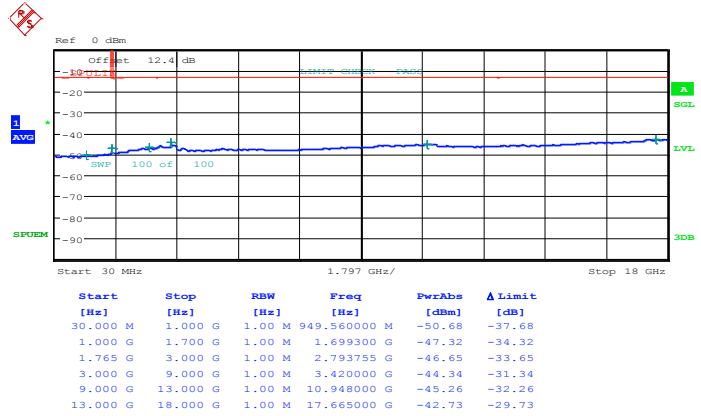
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16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	970.900000 M	-50.75	-37.75
1.000 G	1.700 G	1.00 M	1.698600 G	-47.98	-34.98
1.765 G	3.000 G	1.00 M	2.796225 G	-46.63	-33.63
3.000 G	9.000 G	1.00 M	3.420000 G	-45.14	-32.14
9.000 G	13.000 G	1.00 M	10.920000 G	-45.25	-32.25
13.000 G	18.000 G	1.00 M	17.660000 G	-42.58	-29.58
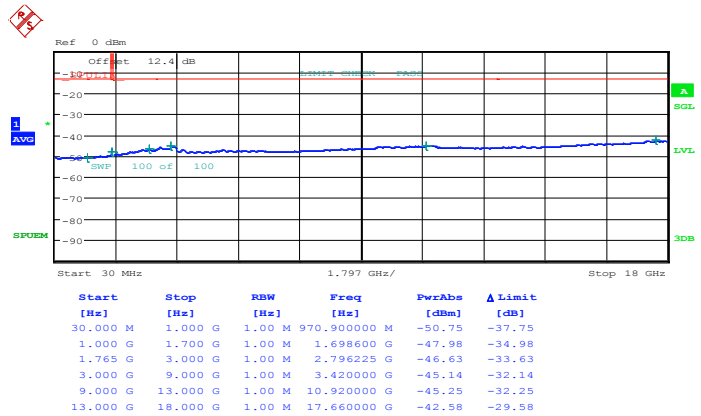
Date: 9.JAN.2014 16:31:30

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	1.000 G	1.00 M	945.680000 M	-50.62	-37.62
1.000 G	1.700 G	1.00 M	1.699300 G	-49.35	-36.35
1.765 G	3.000 G	1.00 M	2.794990 G	-46.80	-33.80
3.000 G	9.000 G	1.00 M	3.462000 G	-45.00	-32.00
9.000 G	13.000 G	1.00 M	10.924000 G	-45.22	-32.22
13.000 G	18.000 G	1.00 M	17.675000 G	-42.67	-29.67
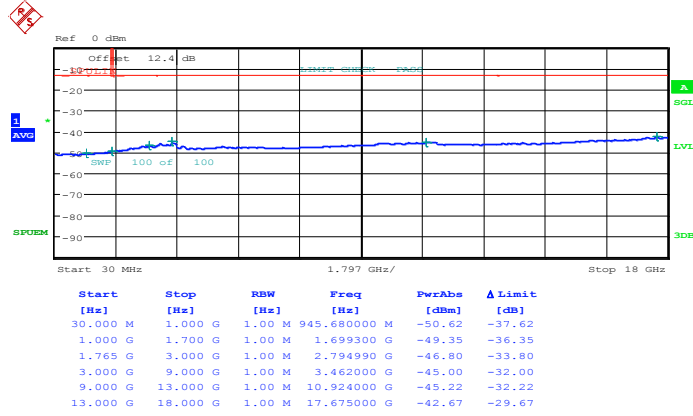
Date: 9.JAN.2014 16:34:11

16QAM (RB Size 1, RB Offset 0)

Start	Stop	RBW	Freq	PwrAbs	Δ Limit
[Hz]	[Hz]	[Hz]	[Hz]	[dBm]	[dB]
30.000 M	1.000 G	1.00 M	984.480000 M	-50.64	-37.64
1.000 G	1.700 G	1.00 M	1.698600 G	-49.32	-36.32
1.765 G	3.000 G	1.00 M	2.793755 G	-46.63	-33.63
3.000 G	9.000 G	1.00 M	3.462000 G	-44.47	-31.47
9.000 G	13.000 G	1.00 M	10.932000 G	-45.26	-32.26
13.000 G	18.000 G	1.00 M	17.675000 G	-42.64	-29.64
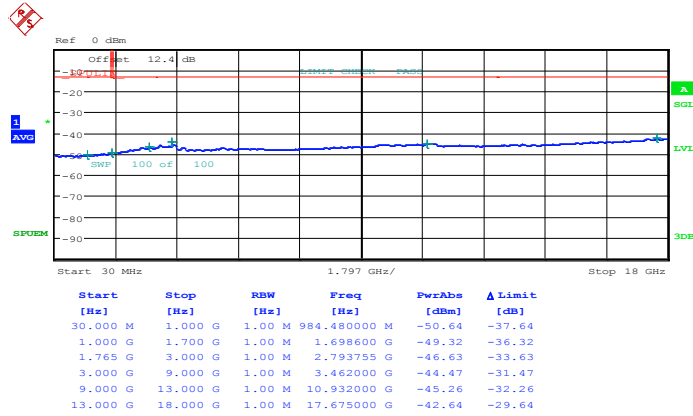
Date: 9.JAN.2014 16:33:15

Band :	LTE Band 4	Channel :	CH20385 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	979.630000 M	-50.71	-37.71
1.000 G	1.700 G	1.00 M	1.698600 G	-49.48	-36.48
1.765 G	3.000 G	1.00 M	2.797460 G	-46.40	-33.40
3.000 G	9.000 G	1.00 M	3.504000 G	-44.09	-31.09
9.000 G	13.000 G	1.00 M	10.984000 G	-45.25	-32.25
13.000 G	18.000 G	1.00 M	17.660000 G	-42.75	-29.75
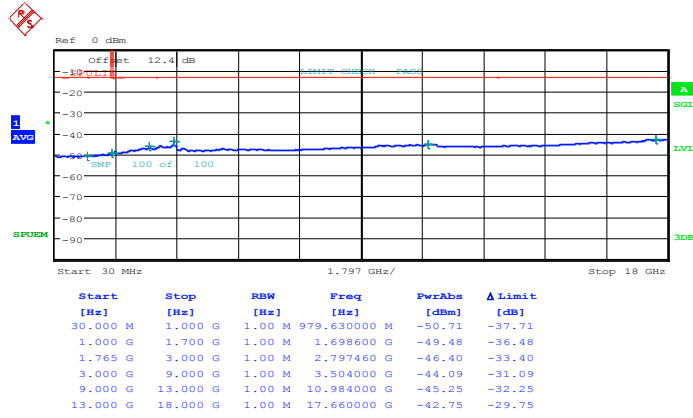
Date: 9.JAN.2014 16:35:57

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	890.390000 M	-50.67	-37.67
1.000 G	1.700 G	1.00 M	1.679000 G	-49.53	-36.53
1.765 G	3.000 G	1.00 M	2.797460 G	-46.69	-33.69
3.000 G	9.000 G	1.00 M	3.504000 G	-44.70	-31.70
9.000 G	13.000 G	1.00 M	10.928000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.670000 G	-42.67	-29.67
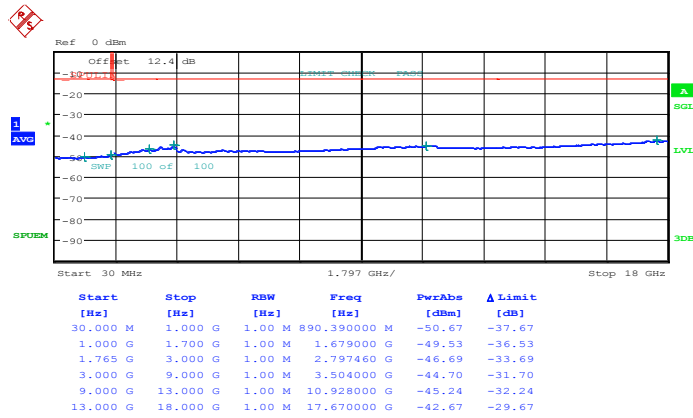
Date: 9.JAN.2014 16:36:52

Band :	LTE Band 4	Channel :	CH19975 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	982.540000 M	-50.72	-37.72
1.000 G	1.700 G	1.00 M	1.699300 G	-47.56	-34.56
1.765 G	3.000 G	1.00 M	2.794990 G	-46.66	-33.66
3.000 G	9.000 G	1.00 M	3.420000 G	-44.31	-31.31
9.000 G	13.000 G	1.00 M	10.932000 G	-45.20	-32.20
13.000 G	18.000 G	1.00 M	17.655000 G	-42.64	-29.64
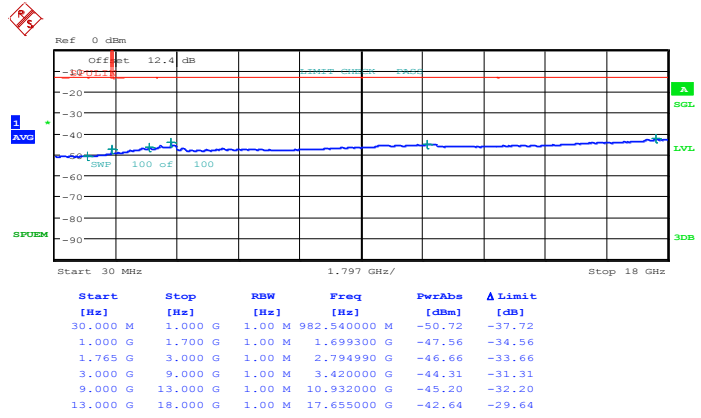
Date: 9.JAN.2014 16:38:43

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	965.080000 M	-50.70	-37.70
1.000 G	1.700 G	1.00 M	1.699300 G	-47.73	-34.73
1.765 G	3.000 G	1.00 M	2.793755 G	-46.64	-33.64
3.000 G	9.000 G	1.00 M	3.420000 G	-45.34	-32.34
9.000 G	13.000 G	1.00 M	10.928000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.655000 G	-42.65	-29.65
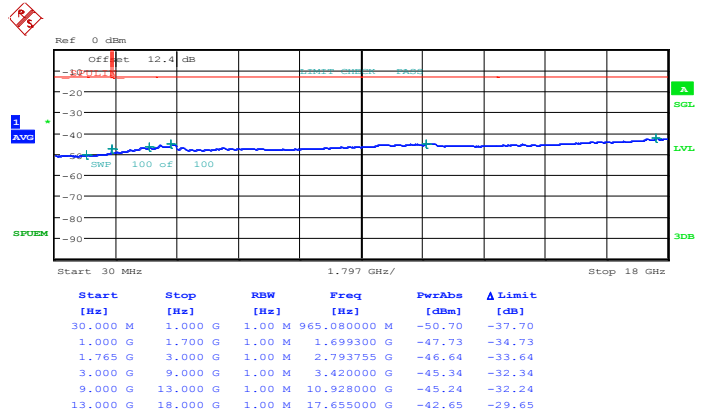
Date: 9.JAN.2014 16:39:38

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	247.280000 M	-50.81	-37.81
1.000 G	1.700 G	1.00 M	1.698600 G	-49.31	-36.31
1.765 G	3.000 G	1.00 M	2.797460 G	-46.70	-33.70
3.000 G	9.000 G	1.00 M	3.456000 G	-44.89	-31.89
9.000 G	13.000 G	1.00 M	10.948000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.670000 G	-42.61	-29.61
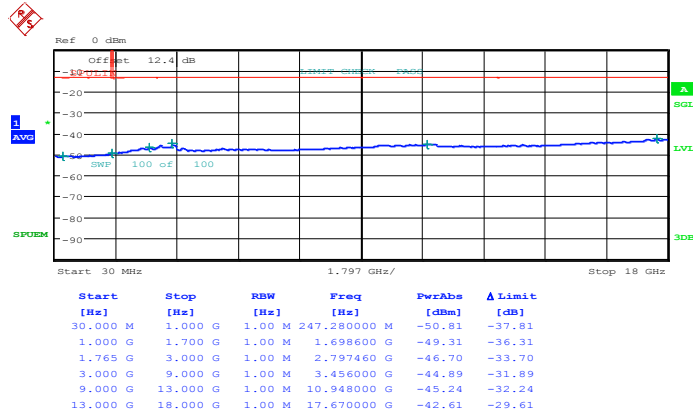
Date: 9.JAN.2014 16:41:24

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	918.520000 M	-50.62	-37.62
1.000 G	1.700 G	1.00 M	1.699300 G	-49.27	-36.27
1.765 G	3.000 G	1.00 M	2.796225 G	-46.73	-33.73
3.000 G	9.000 G	1.00 M	3.456000 G	-45.21	-32.21
9.000 G	13.000 G	1.00 M	10.912000 G	-45.26	-32.26
13.000 G	18.000 G	1.00 M	17.665000 G	-42.70	-29.70
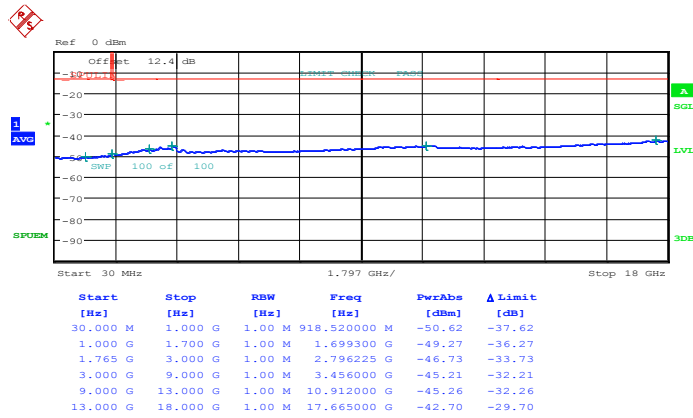
Date: 9.JAN.2014 16:42:20

Band :	LTE Band 4	Channel :	CH20375 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.4 dB

Start 30 MHz   1.797 GHz/   Stop 18 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	982.540000 M	-50.76	-37.76
1.000 G	1.700 G	1.00 M	1.691600 G	-49.45	-36.45
1.765 G	3.000 G	1.00 M	2.794990 G	-46.58	-33.58
3.000 G	9.000 G	1.00 M	3.498000 G	-44.07	-31.07
9.000 G	13.000 G	1.00 M	10.952000 G	-45.25	-32.25
13.000 G	18.000 G	1.00 M	17.655000 G	-42.61	-29.61
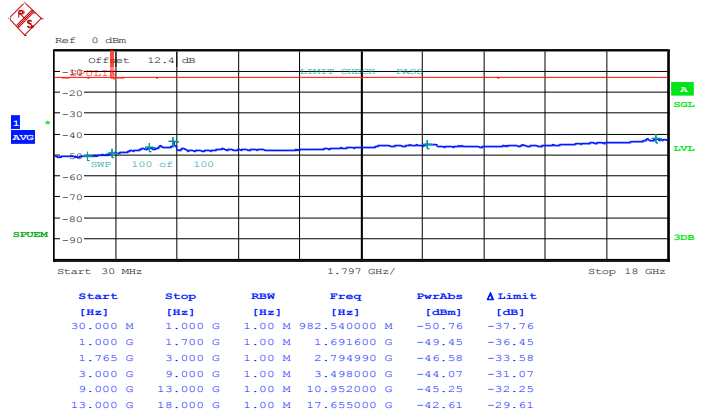
Date: 9.JAN.2014 16:44:06

16QAM (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.4 dB

Start 30 MHz   1.797 GHz/   Stop 18 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	946.650000 M	-50.72	-37.72
1.000 G	1.700 G	1.00 M	1.690200 G	-49.51	-36.51
1.765 G	3.000 G	1.00 M	2.797460 G	-46.76	-33.76
3.000 G	9.000 G	1.00 M	3.498000 G	-44.64	-31.64
9.000 G	13.000 G	1.00 M	10.948000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.655000 G	-42.68	-29.68
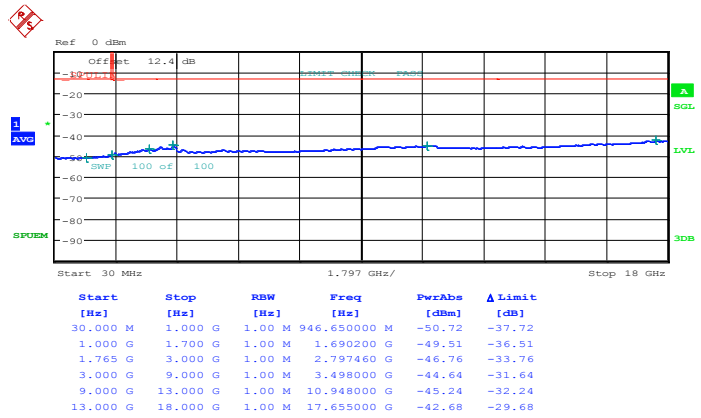
Date: 9.JAN.2014 16:45:01

Band :	LTE Band 4	Channel :	CH20000 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	954.410000 M	-50.64	-37.64
1.000 G	1.700 G	1.00 M	1.699300 G	-47.16	-34.16
1.765 G	3.000 G	1.00 M	2.797460 G	-46.60	-33.60
3.000 G	9.000 G	1.00 M	3.420000 G	-44.17	-31.17
9.000 G	13.000 G	1.00 M	10.936000 G	-45.26	-32.26
13.000 G	18.000 G	1.00 M	17.680000 G	-42.66	-29.66
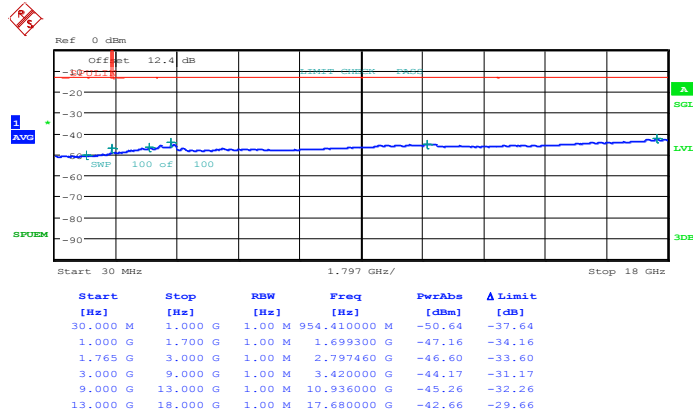
Date: 9.JAN.2014 16:46:52

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	990.300000 M	-50.63	-37.63
1.000 G	1.700 G	1.00 M	1.699300 G	-47.98	-34.98
1.765 G	3.000 G	1.00 M	2.793755 G	-46.71	-33.71
3.000 G	9.000 G	1.00 M	3.420000 G	-44.87	-31.87
9.000 G	13.000 G	1.00 M	11.104000 G	-45.27	-32.27
13.000 G	18.000 G	1.00 M	17.675000 G	-42.60	-29.60
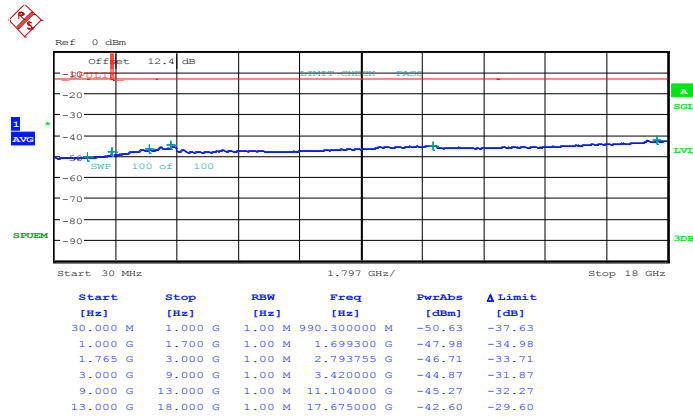
Date: 9.JAN.2014 16:47:47

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	927.250000 M	-50.55	-37.55
1.000 G	1.700 G	1.00 M	1.699300 G	-49.08	-36.08
1.765 G	3.000 G	1.00 M	2.796225 G	-46.67	-33.67
3.000 G	9.000 G	1.00 M	3.456000 G	-44.37	-31.37
9.000 G	13.000 G	1.00 M	10.932000 G	-45.21	-32.21
13.000 G	18.000 G	1.00 M	17.665000 G	-42.66	-29.66
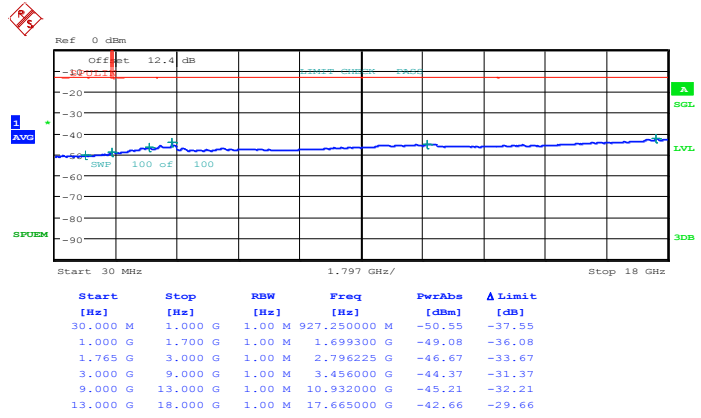
Date: 9.JAN.2014 16:49:33

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	986.420000 M	-50.63	-37.63
1.000 G	1.700 G	1.00 M	1.699300 G	-49.10	-36.10
1.765 G	3.000 G	1.00 M	2.798695 G	-46.75	-33.75
3.000 G	9.000 G	1.00 M	3.456000 G	-44.82	-31.82
9.000 G	13.000 G	1.00 M	10.912000 G	-45.28	-32.28
13.000 G	18.000 G	1.00 M	17.655000 G	-42.66	-29.66
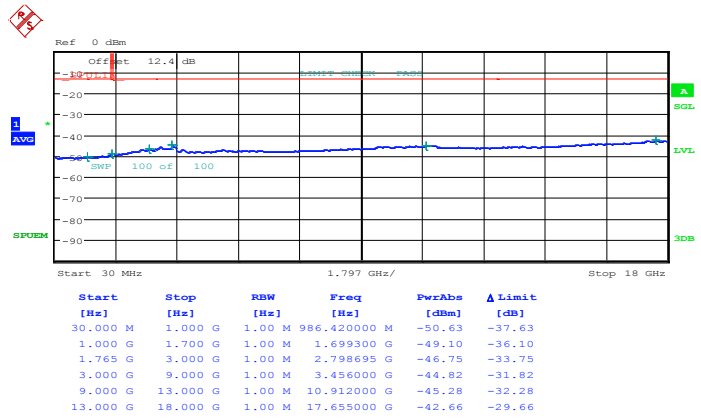
Date: 9.JAN.2014 16:50:29

Band :	LTE Band 4	Channel :	CH20350 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset 12.4 dB

Start 30 MHz   1.797 GHz/   Stop 18 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	972.840000 M	-50.69	-37.69
1.000 G	1.700 G	1.00 M	1.698600 G	-49.53	-36.53
1.765 G	3.000 G	1.00 M	2.796225 G	-46.55	-33.55
3.000 G	9.000 G	1.00 M	3.492000 G	-44.54	-31.54
9.000 G	13.000 G	1.00 M	10.940000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.650000 G	-42.65	-29.65
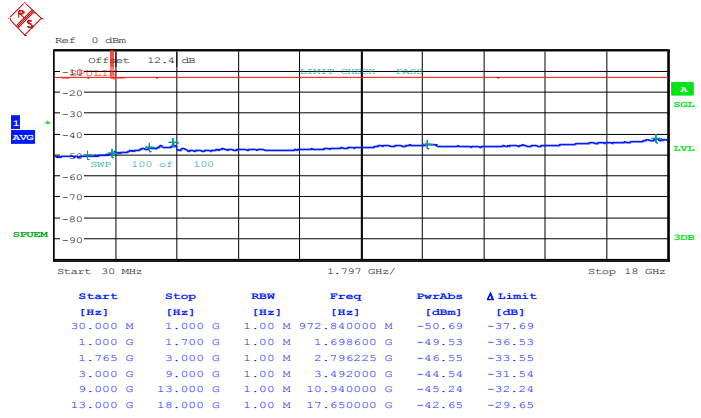
Date: 9.JAN.2014 16:52:15

16QAM (RB Size 1, RB Offset 0)

Ref   0 dBm
Offset 12.4 dB

Start 30 MHz   1.797 GHz/   Stop 18 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	930.160000 M	-50.71	-37.71
1.000 G	1.700 G	1.00 M	1.667800 G	-49.53	-36.53
1.765 G	3.000 G	1.00 M	2.796225 G	-46.70	-33.70
3.000 G	9.000 G	1.00 M	3.492000 G	-44.91	-31.91
9.000 G	13.000 G	1.00 M	10.952000 G	-45.26	-32.26
13.000 G	18.000 G	1.00 M	17.660000 G	-42.65	-29.65
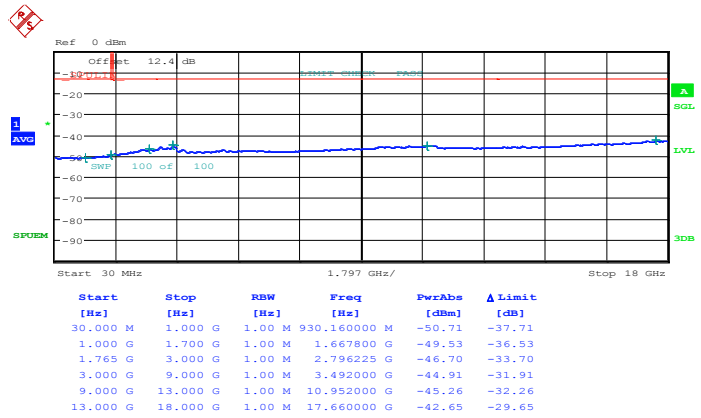
Date: 9.JAN.2014 16:53:11

Band :	LTE Band 4	Channel :	CH20025 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	942.770000 M	-50.67	-37.67
1.000 G	1.700 G	1.00 M	1.697900 G	-26.07	-13.07
1.765 G	3.000 G	1.00 M	2.794990 G	-46.71	-33.71
3.000 G	9.000 G	1.00 M	3.420000 G	-44.35	-31.35
9.000 G	13.000 G	1.00 M	11.064000 G	-45.22	-32.22
13.000 G	18.000 G	1.00 M	17.380000 G	-42.75	-29.75
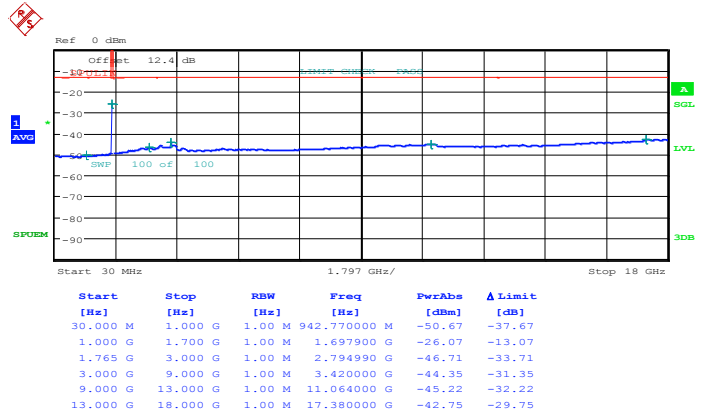
Date: 9.JAN.2014 16:58:01

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	955.380000 M	-50.59	-37.59
1.000 G	1.700 G	1.00 M	1.697900 G	-28.37	-15.37
1.765 G	3.000 G	1.00 M	2.794990 G	-46.51	-33.51
3.000 G	9.000 G	1.00 M	3.420000 G	-45.23	-32.23
9.000 G	13.000 G	1.00 M	10.928000 G	-45.24	-32.24
13.000 G	18.000 G	1.00 M	17.655000 G	-42.73	-29.73
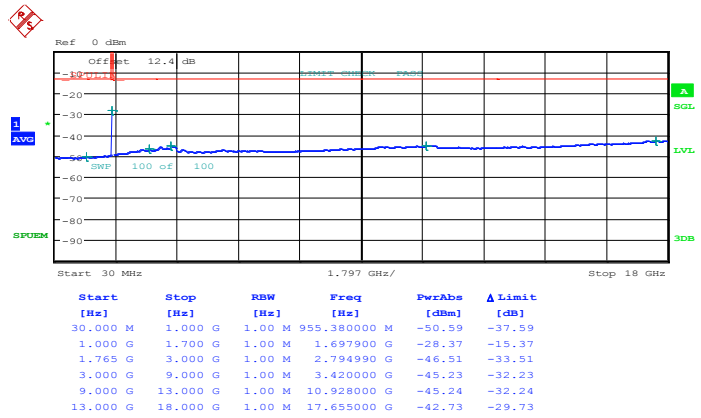
Date: 9.JAN.2014 16:58:56

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	983.510000 M	-50.70	-37.70
1.000 G	1.700 G	1.00 M	1.699300 G	-48.81	-35.81
1.765 G	3.000 G	1.00 M	2.796225 G	-46.56	-33.56
3.000 G	9.000 G	1.00 M	3.450000 G	-44.45	-31.45
9.000 G	13.000 G	1.00 M	10.972000 G	-45.20	-32.20
13.000 G	18.000 G	1.00 M	17.670000 G	-42.66	-29.66
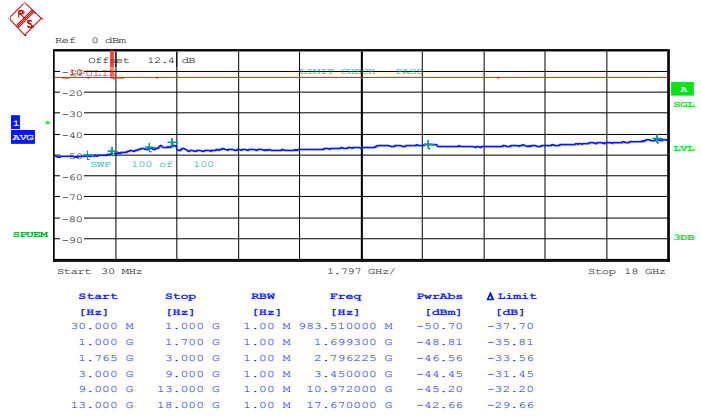
Date: 9.JAN.2014 17:00:42

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	934.040000 M	-50.59	-37.59
1.000 G	1.700 G	1.00 M	1.697900 G	-49.05	-36.05
1.765 G	3.000 G	1.00 M	2.793755 G	-46.45	-33.45
3.000 G	9.000 G	1.00 M	3.450000 G	-45.07	-32.07
9.000 G	13.000 G	1.00 M	10.924000 G	-45.22	-32.22
13.000 G	18.000 G	1.00 M	17.640000 G	-42.70	-29.70
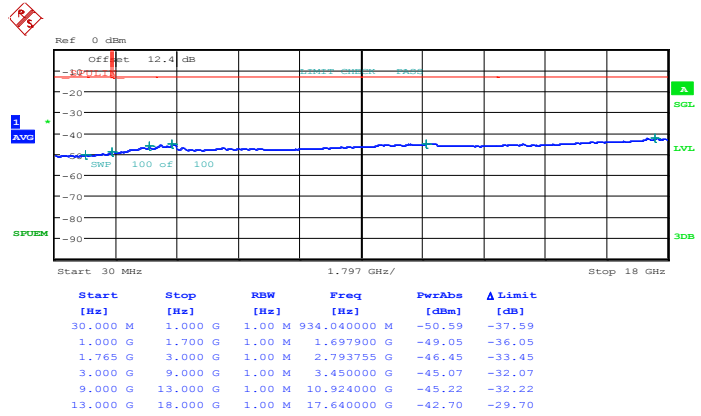
Date: 9.JAN.2014 17:01:38

Band :	LTE Band 4	Channel :	CH20325 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	981.570000 M	-50.63	-37.63
1.000 G	1.700 G	1.00 M	1.680400 G	-49.25	-36.25
1.765 G	3.000 G	1.00 M	2.796225 G	-46.74	-33.74
3.000 G	9.000 G	1.00 M	3.480000 G	-44.24	-31.24
9.000 G	13.000 G	1.00 M	10.924000 G	-45.18	-32.18
13.000 G	18.000 G	1.00 M	17.660000 G	-42.66	-29.66
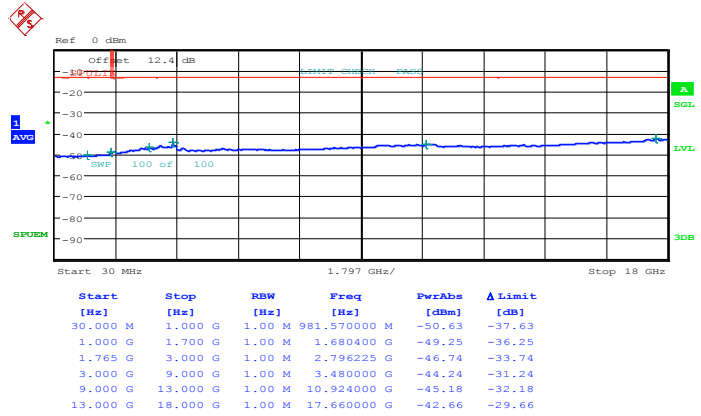
Date: 9.JAN.2014 17:03:24

16QAM (RB Size 1, RB Offset 0)

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	979.630000 M	-50.63	-37.63
1.000 G	1.700 G	1.00 M	1.698600 G	-49.42	-36.42
1.765 G	3.000 G	1.00 M	2.794990 G	-46.66	-33.66
3.000 G	9.000 G	1.00 M	3.480000 G	-44.75	-31.75
9.000 G	13.000 G	1.00 M	10.936000 G	-45.21	-32.21
13.000 G	18.000 G	1.00 M	17.660000 G	-42.72	-29.72
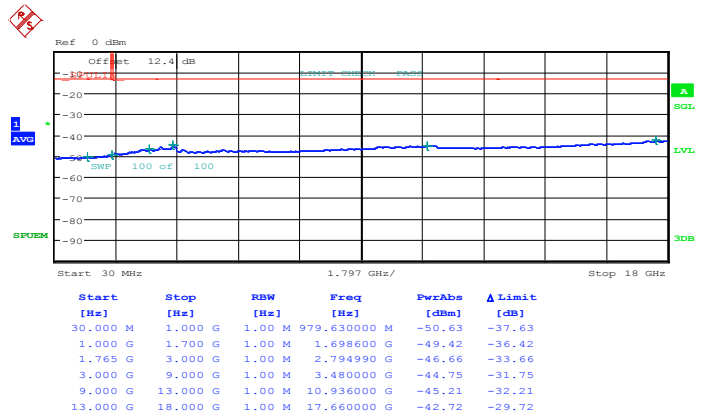
Date: 9.JAN.2014 17:04:19

Band :	LTE Band 4	Channel :	CH20050 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.4 dB
Start 30 MHz   1.797 GHz/   Stop 18 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	997.090000 M	-50.72	-37.72
1.000 G	1.700 G	1.00 M	1.693700 G	-28.33	-15.33
1.765 G	3.000 G	1.00 M	2.796225 G	-46.78	-33.78
3.000 G	9.000 G	1.00 M	3.420000 G	-44.37	-31.37
9.000 G	13.000 G	1.00 M	10.952000 G	-45.23	-32.23
13.000 G	18.000 G	1.00 M	17.670000 G	-42.71	-29.71
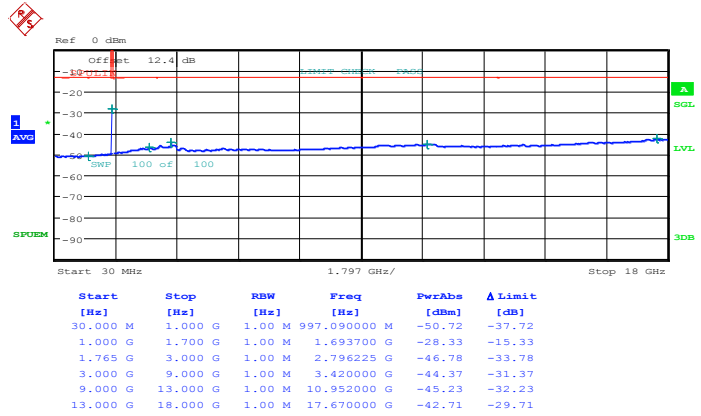
Date: 9.JAN.2014 17:06:10

16QAM (RB Size 1, RB Offset 0)

Ref 0 dBm
Offset 12.4 dB
Start 30 MHz   1.797 GHz/   Stop 18 GHz

Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	980.600000 M	-50.66	-37.66
1.000 G	1.700 G	1.00 M	1.693700 G	-31.14	-18.14
1.765 G	3.000 G	1.00 M	2.794990 G	-46.65	-33.65
3.000 G	9.000 G	1.00 M	3.420000 G	-44.91	-31.91
9.000 G	13.000 G	1.00 M	10.920000 G	-45.21	-32.21
13.000 G	18.000 G	1.00 M	17.655000 G	-42.65	-29.65

Date: 9.JAN.2014 17:07:05