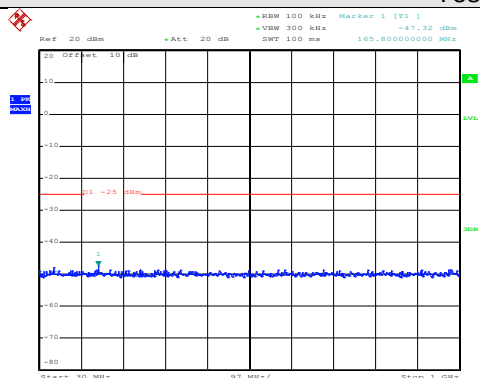


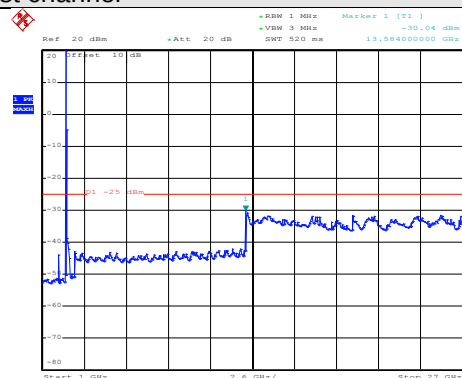
LTE band 41 Part: 15MHz for QPSK (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 26.FEB.2018 00:55:09

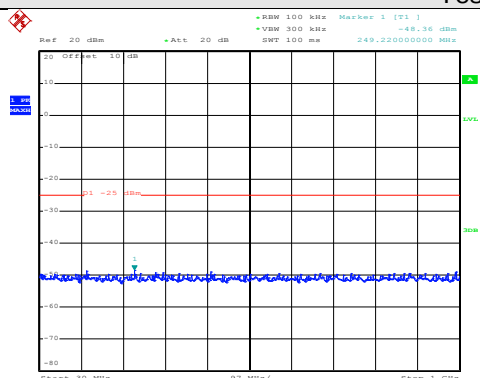
30MHz~1GHz



Date: 26.FEB.2018 01:04:14

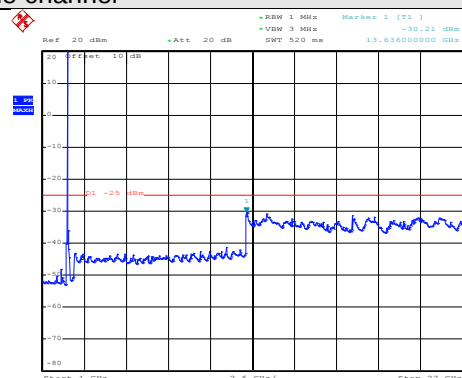
1GHz~27GHz

Test Channel: Middle channel



Date: 26.FEB.2018 00:56:43

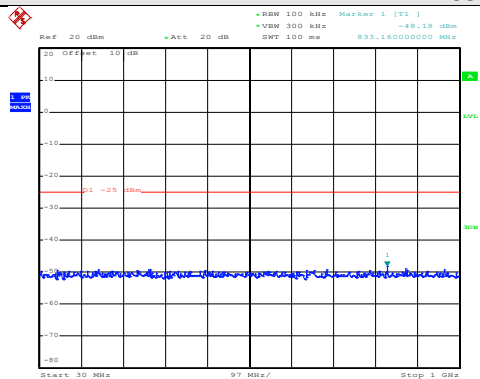
30MHz~1GHz



Date: 26.FEB.2018 01:07:10

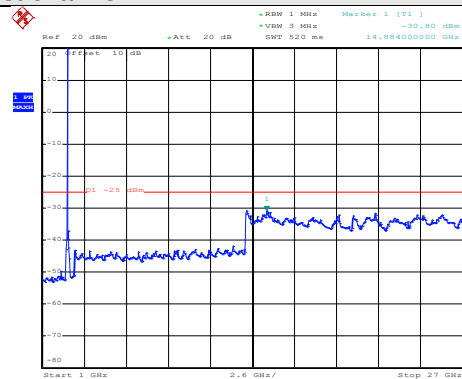
1GHz~27GHz

Test Channel: Highest channel



Date: 26.FEB.2018 00:56:58

30MHz~1GHz

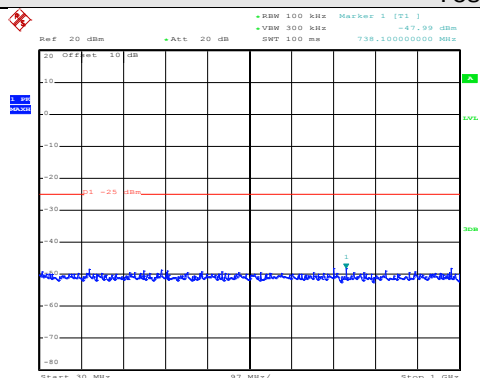


Date: 26.FEB.2018 01:09:57

1GHz~27GHz

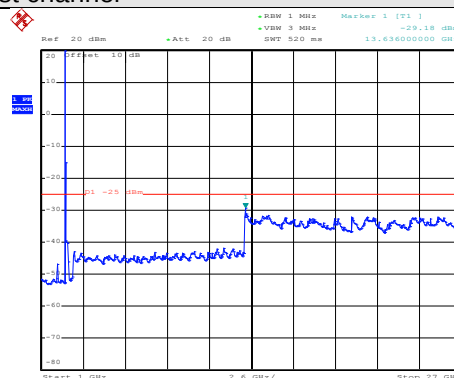
LTE band 41 Part: 15MHz for QPSK (RB Size 75 & RB Offset 0)

Test Channel: Lowest channel



Date: 26.FEB.2018 00:55:52

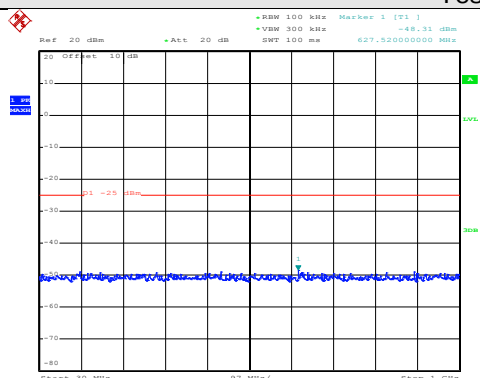
30MHz~1GHz



Date: 26.FEB.2018 01:04:32

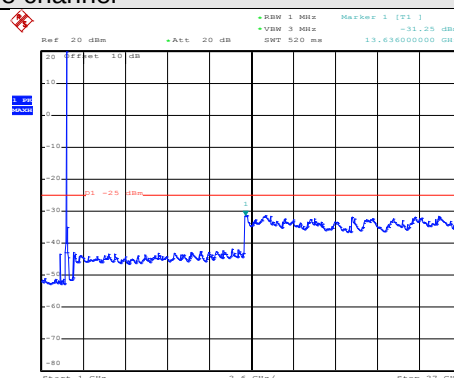
1GHz~27GHz

Test Channel: Middle channel



Date: 26.FEB.2018 00:56:09

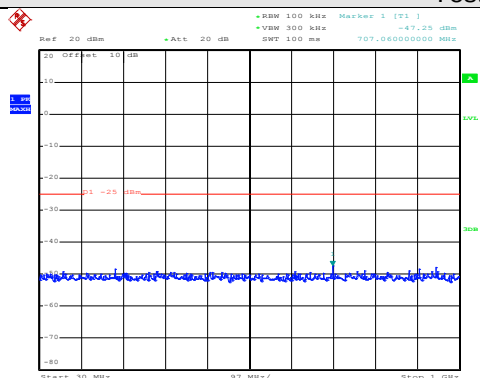
30MHz~1GHz



Date: 26.FEB.2018 01:06:44

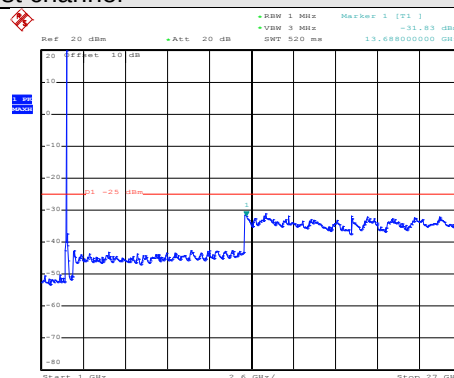
1GHz~27GHz

Test Channel: Highest channel



Date: 26.FEB.2018 00:57:31

30MHz~1GHz

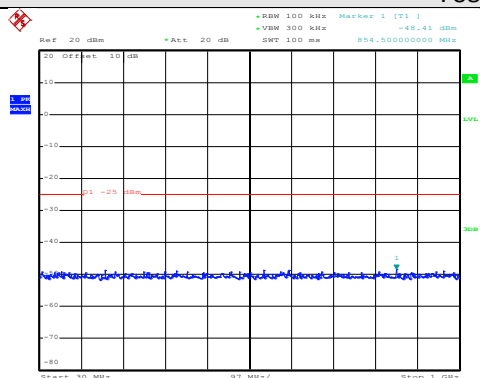


Date: 26.FEB.2018 01:09:38

1GHz~27GHz

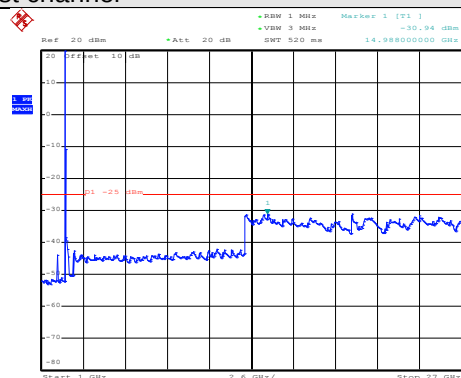
LTE band 41 Part: 20MHz for 16QAM (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 26.FEB.2018 01:22:58

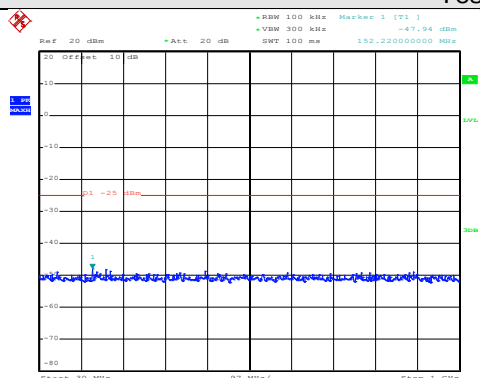
30MHz~1GHz



Date: 26.FEB.2018 01:12:12

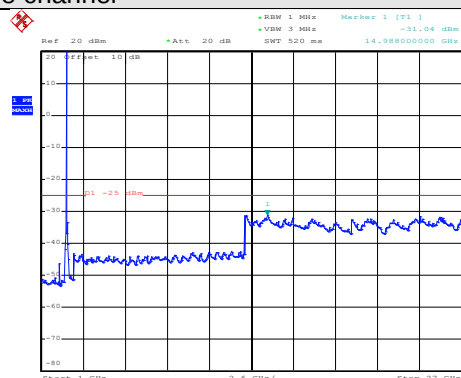
1GHz~27GHz

Test Channel: Middle channel



Date: 26.FEB.2018 01:24:23

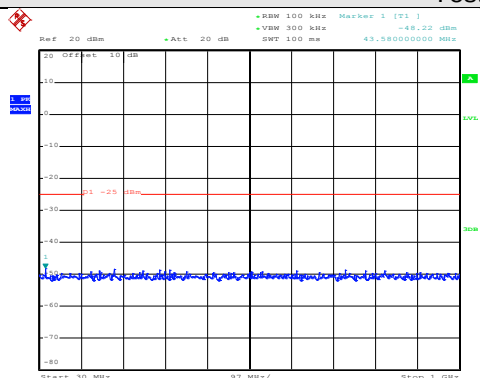
30MHz~1GHz



Date: 26.FEB.2018 01:16:35

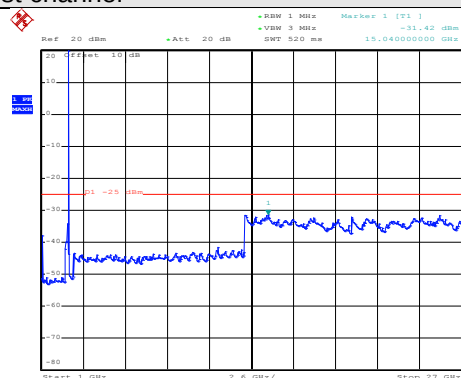
1GHz~27GHz

Test Channel: Highest channel



Date: 26.FEB.2018 01:25:03

30MHz~1GHz

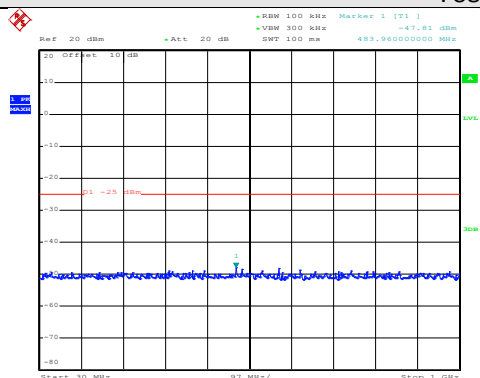


Date: 26.FEB.2018 01:18:50

1GHz~27GHz

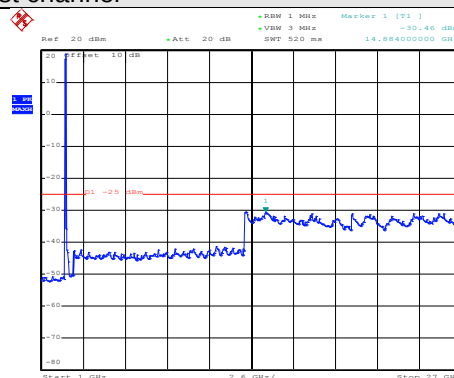
LTE band 41 Part: 20MHz for 16QAM (RB Size 100 & RB Offset 0)

Test Channel: Lowest channel



Date: 26.FEB.2018 01:23:30

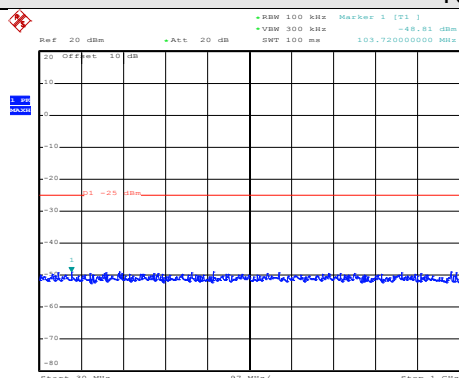
30MHz~1GHz



Date: 26.FEB.2018 01:14:56

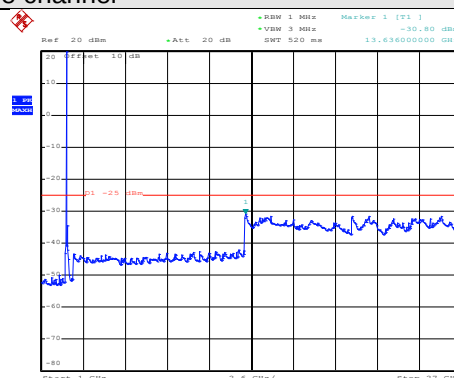
1GHz~27GHz

Test Channel: Middle channel



Date: 26.FEB.2018 01:24:09

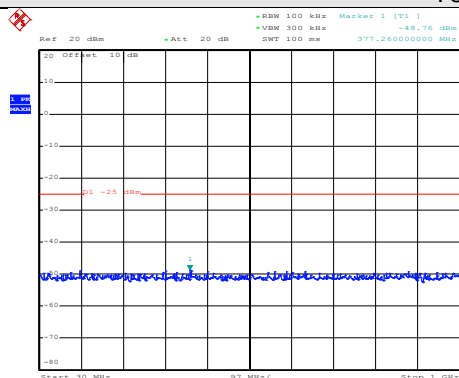
30MHz~1GHz



Date: 26.FEB.2018 01:16:55

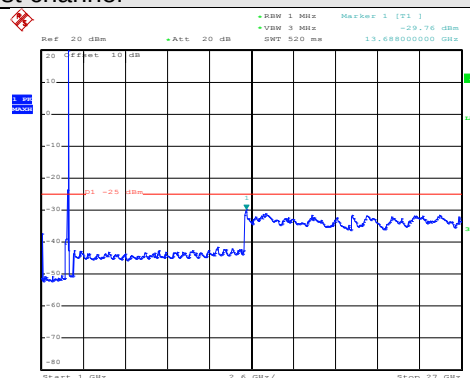
1GHz~27GHz

Test Channel: Highest channel



Date: 26.FEB.2018 01:25:22

30MHz~1GHz

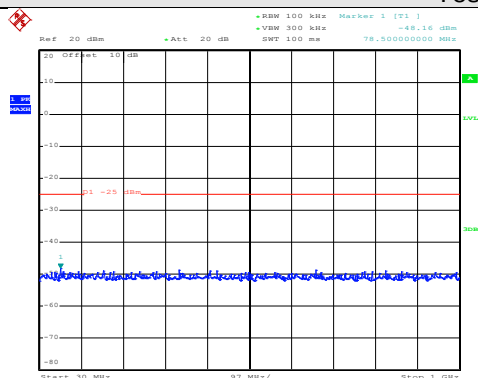


Date: 26.FEB.2018 01:20:28

1GHz~27GHz

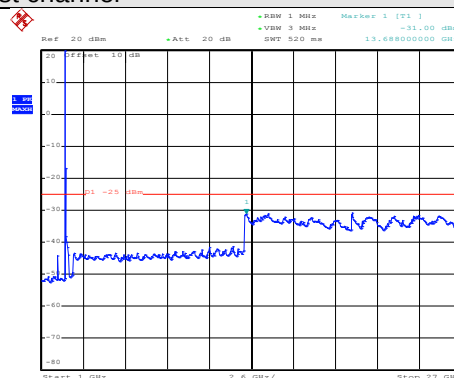
LTE band 41 Part: 20MHz for QPSK (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 26.FEB.2018 01:23:10

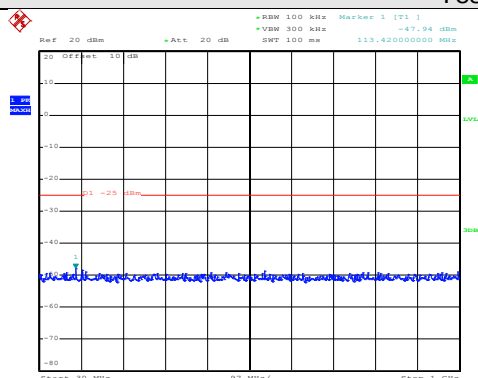
30MHz~1GHz



Date: 26.FEB.2018 01:11:45

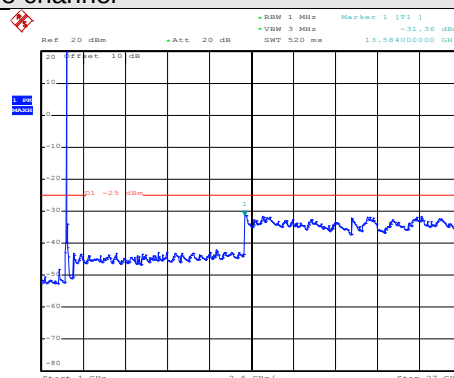
1GHz~27GHz

Test Channel: Middle channel



Date: 26.FEB.2018 01:24:36

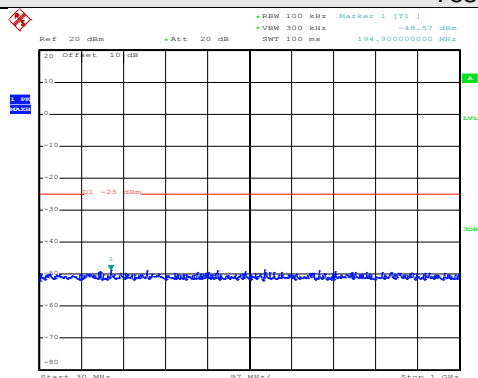
30MHz~1GHz



Date: 26.FEB.2018 01:16:10

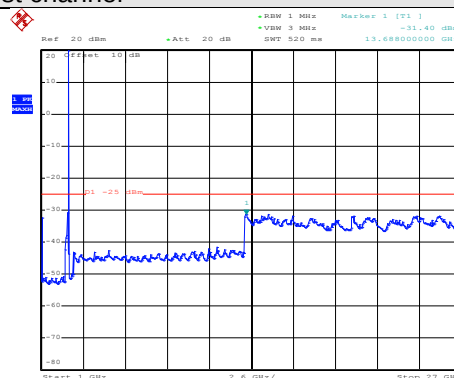
1GHz~27GHz

Test Channel: Highest channel



Date: 26.FEB.2018 01:24:50

30MHz~1GHz

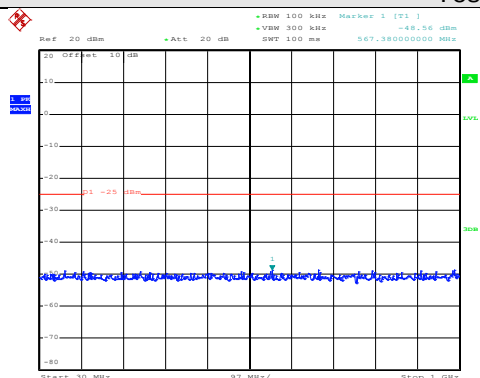


Date: 26.FEB.2018 01:18:24

1GHz~27GHz

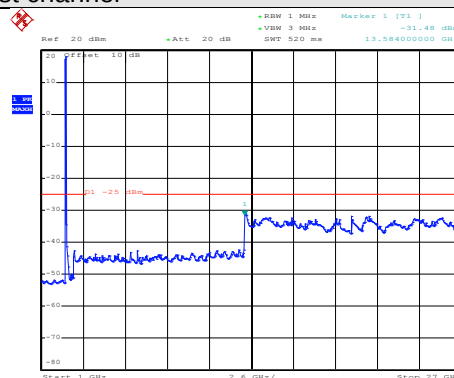
LTE band 41 Part: 20MHz for QPSK (RB Size 100 & RB Offset 0)

Test Channel: Lowest channel



Date: 26.FEB.2018 01:23:42

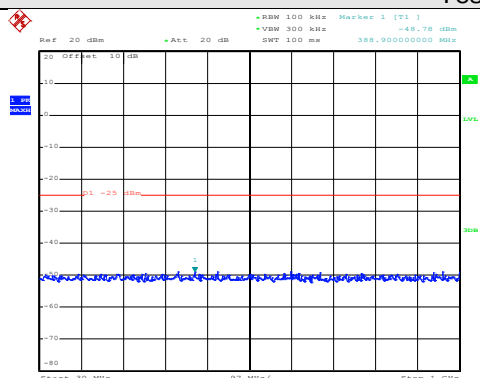
30MHz~1GHz



Date: 26.FEB.2018 01:15:14

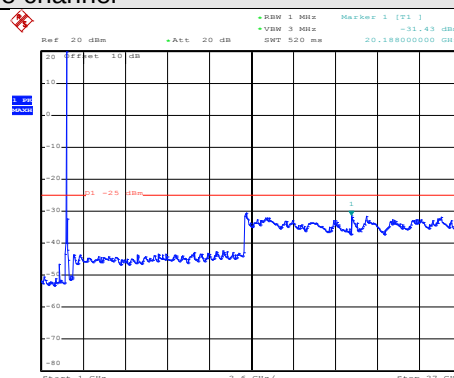
1GHz~27GHz

Test Channel: Middle channel



Date: 26.FEB.2018 01:23:58

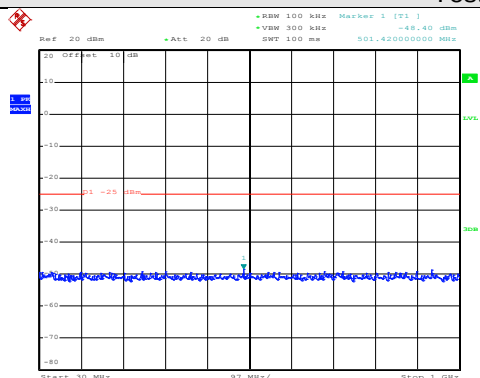
30MHz~1GHz



Date: 26.FEB.2018 01:17:15

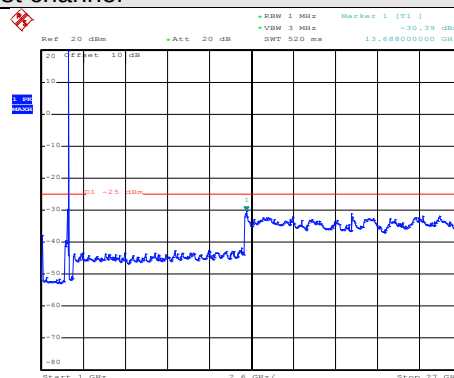
1GHz~27GHz

Test Channel: Highest channel



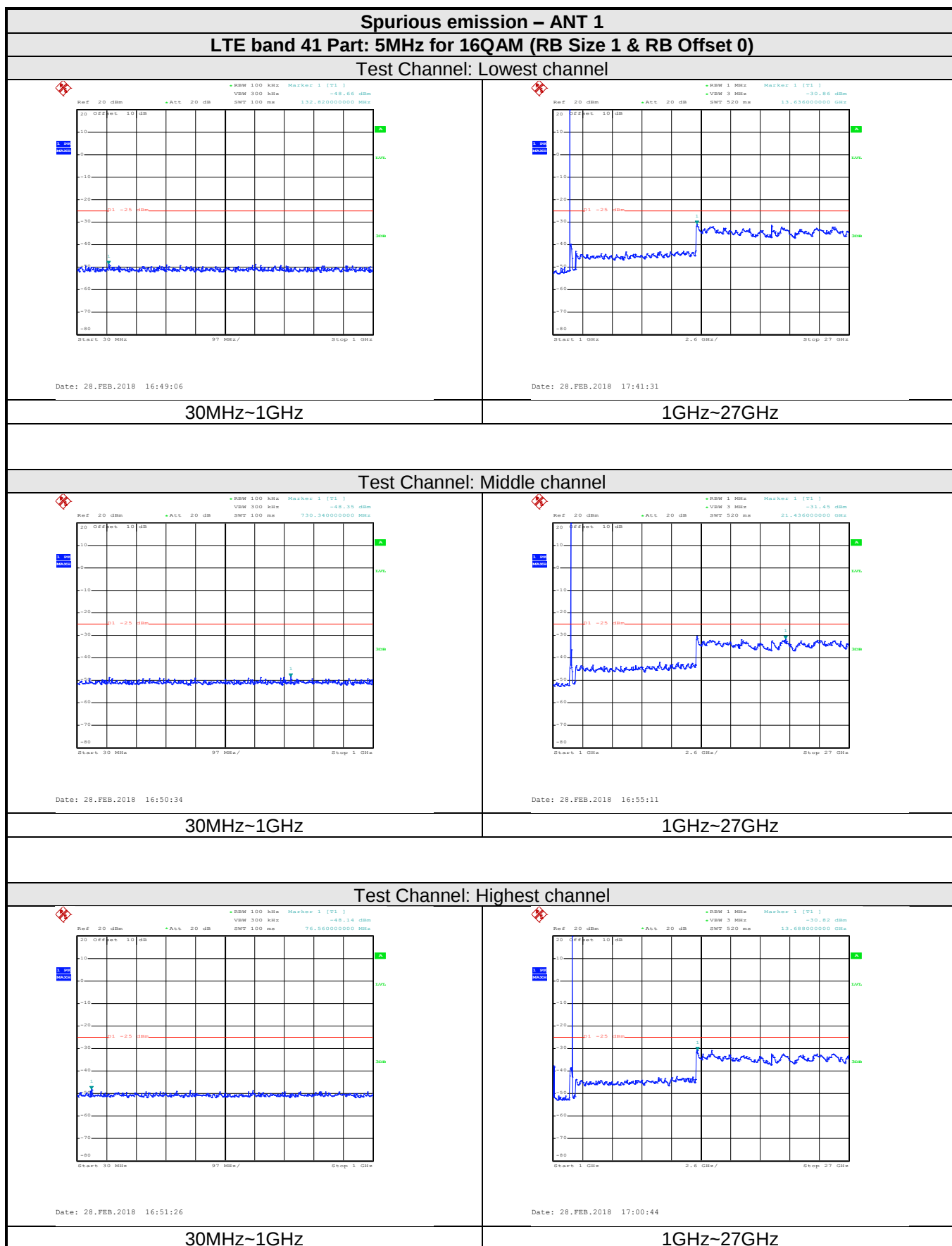
Date: 26.FEB.2018 01:25:34

30MHz~1GHz



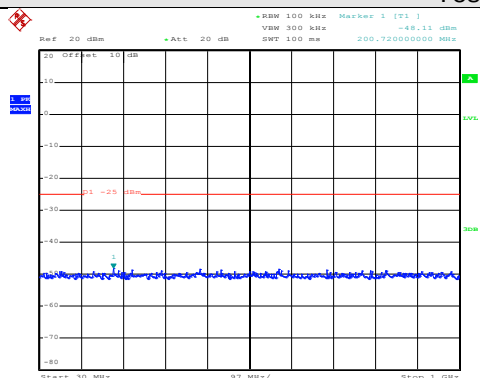
Date: 26.FEB.2018 01:20:51

1GHz~27GHz



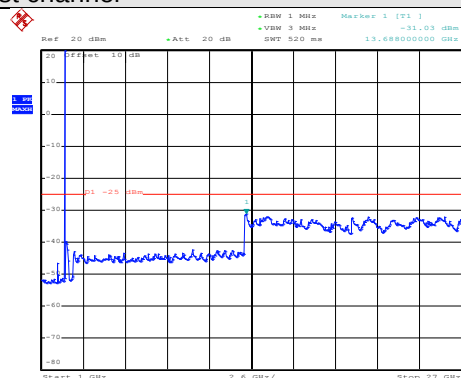
LTE band 41 Part: 5MHz for 16QAM (RB Size 25 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:49:30

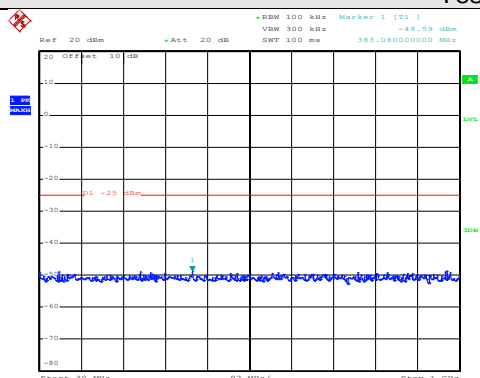
30MHz~1GHz



Date: 28.FEB.2018 17:42:05

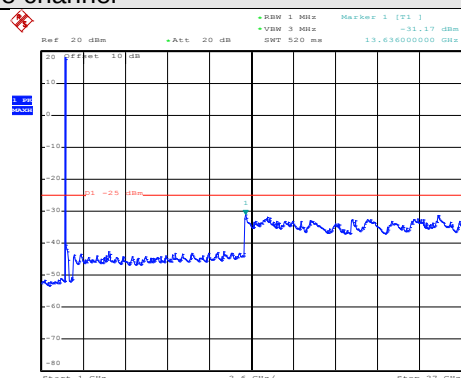
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:50:21

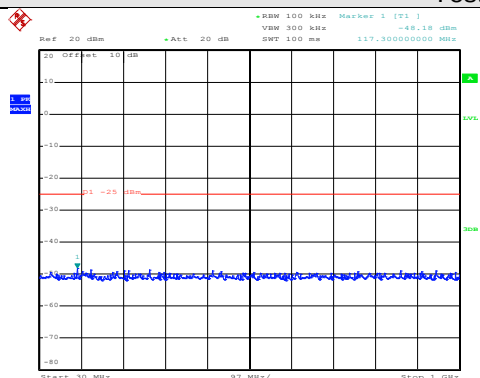
30MHz~1GHz



Date: 28.FEB.2018 17:24:21

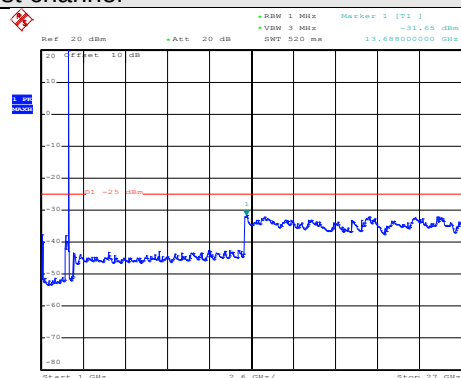
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:51:38

30MHz~1GHz

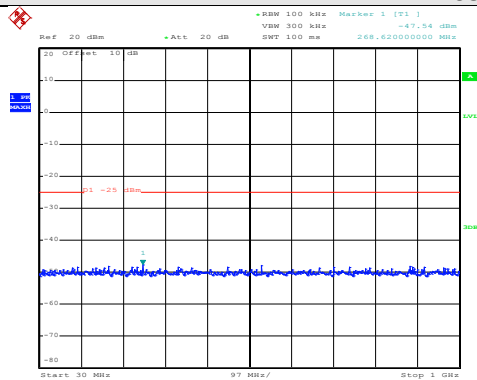


Date: 28.FEB.2018 17:02:01

1GHz~27GHz

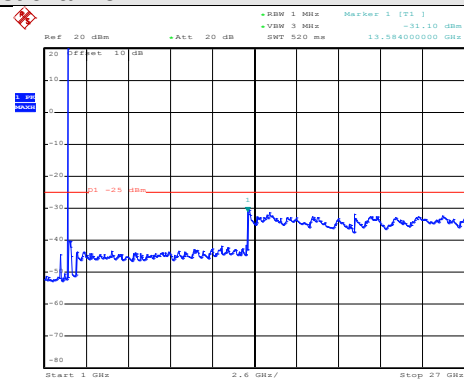
LTE band 41 Part: 5MHz for QPSK (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:48:54

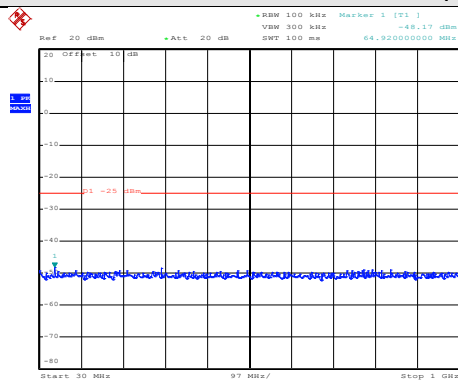
30MHz~1GHz



Date: 28.FEB.2018 17:41:08

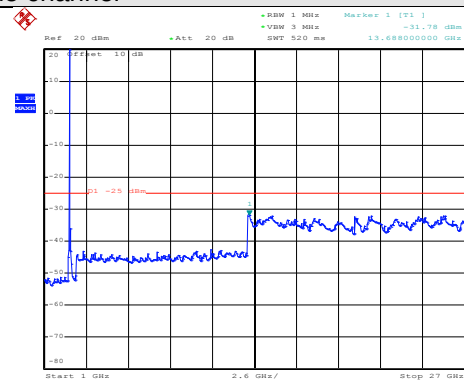
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:50:48

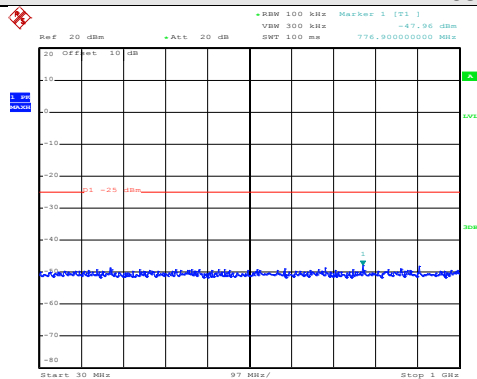
30MHz~1GHz



Date: 28.FEB.2018 16:55:25

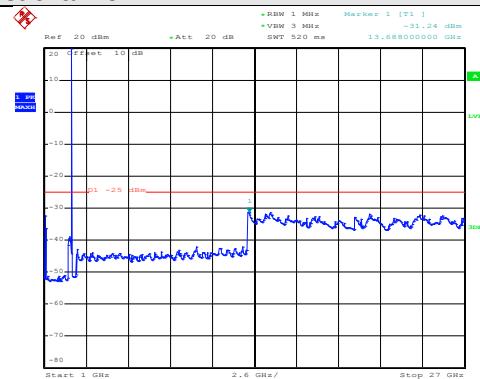
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:51:08

30MHz~1GHz

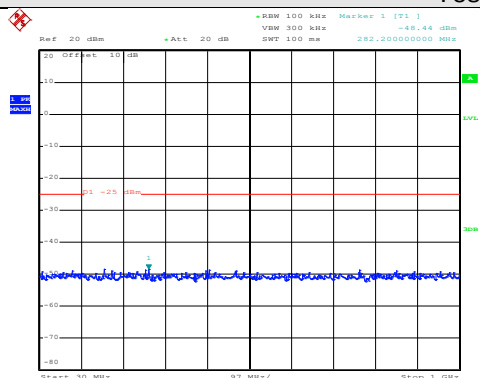


Date: 28.FEB.2018 17:01:14

1GHz~27GHz

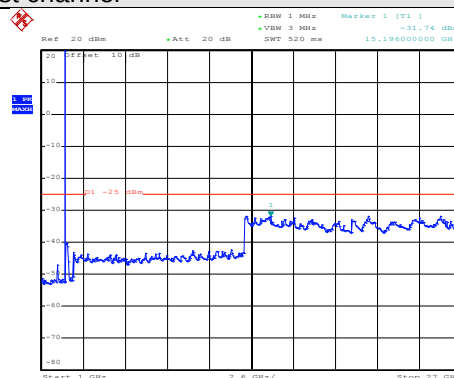
LTE band 41 Part: 5MHz for QPSK (RB Size 25 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:49:45

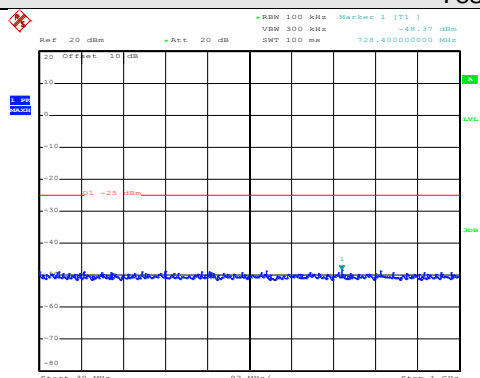
30MHz~1GHz



Date: 28.FEB.2018 17:42:24

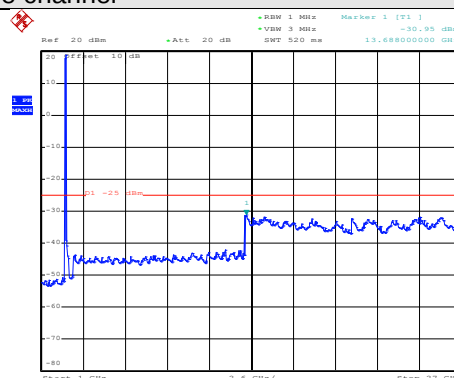
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:50:09

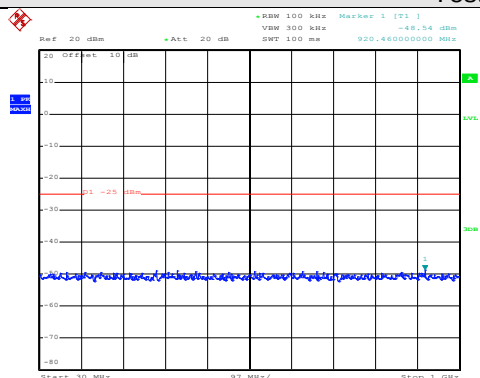
30MHz~1GHz



Date: 28.FEB.2018 17:24:04

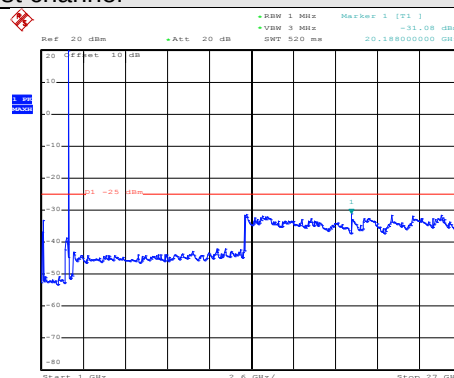
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:51:51

30MHz~1GHz

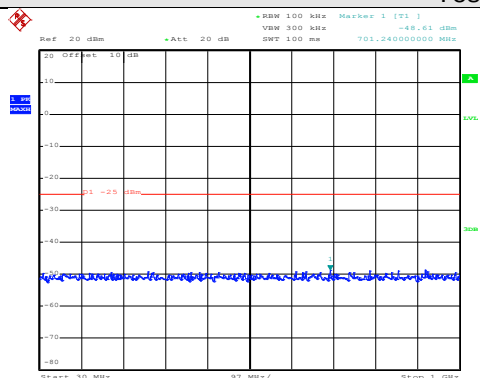


Date: 28.FEB.2018 17:01:42

1GHz~27GHz

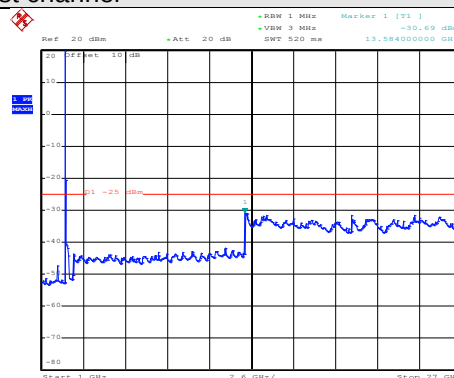
LTE band 41 Part: 10MHz for 16QAM (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:52:43

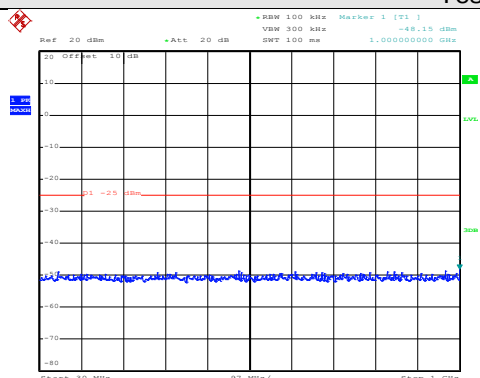
30MHz~1GHz



Date: 28.FEB.2018 17:32:58

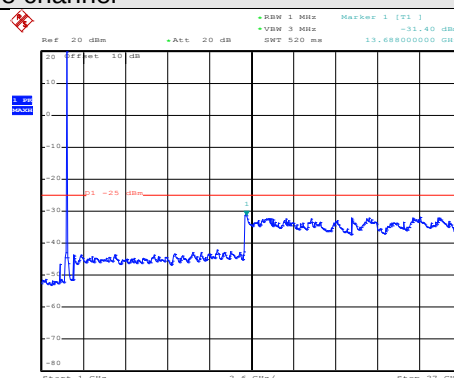
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:53:56

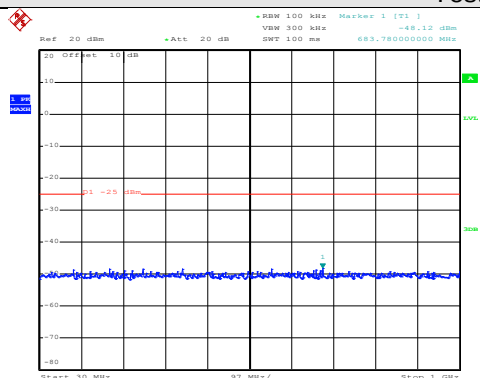
30MHz~1GHz



Date: 28.FEB.2018 17:34:44

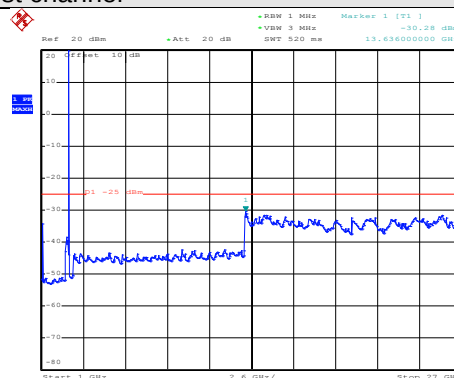
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:54:45

30MHz~1GHz

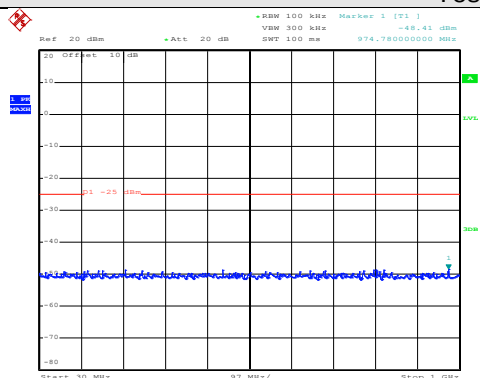


Date: 28.FEB.2018 17:36:53

1GHz~27GHz

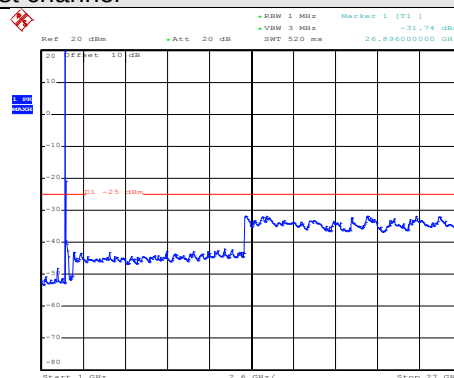
LTE band 41 Part: 10MHz for 16QAM (RB Size 50 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:53:04

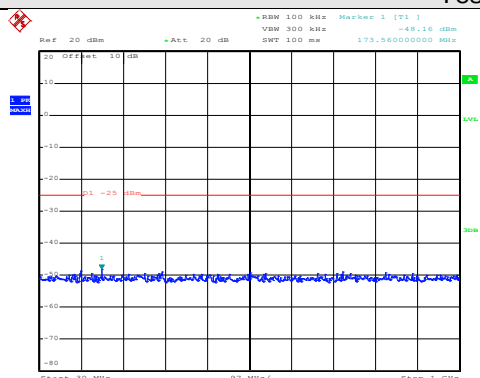
30MHz~1GHz



Date: 28.FEB.2018 17:33:25

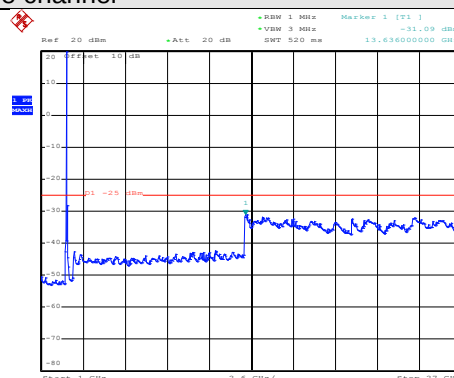
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:53:43

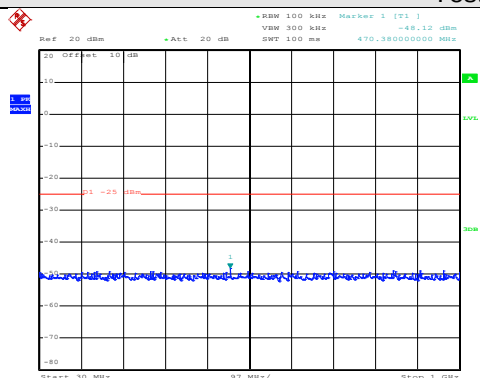
30MHz~1GHz



Date: 28.FEB.2018 17:36:09

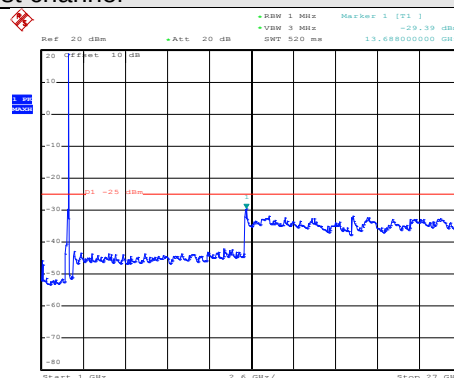
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:55:22

30MHz~1GHz

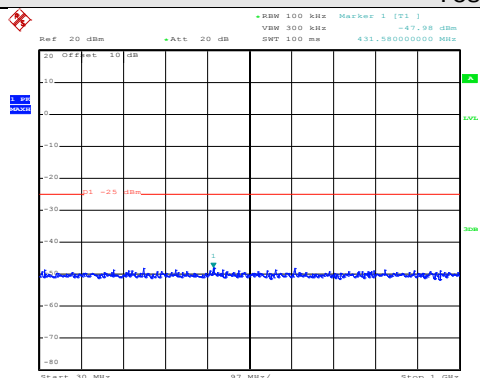


Date: 28.FEB.2018 17:39:15

1GHz~27GHz

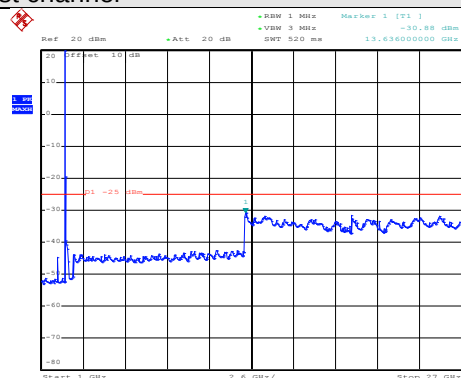
LTE band 41 Part: 10MHz for QPSK (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:52:32

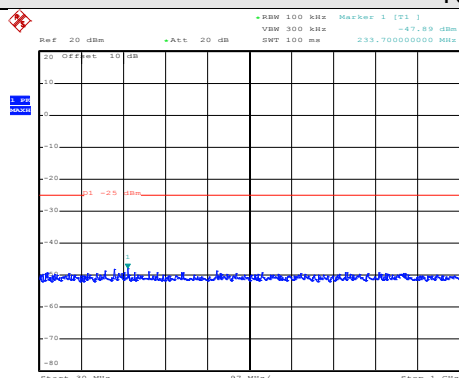
30MHz~1GHz



Date: 28.FEB.2018 17:32:35

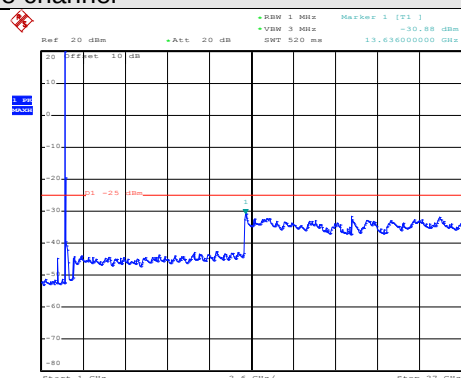
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:54:09

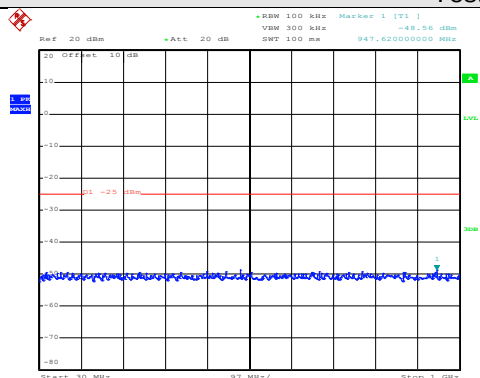
30MHz~1GHz



Date: 28.FEB.2018 17:32:24

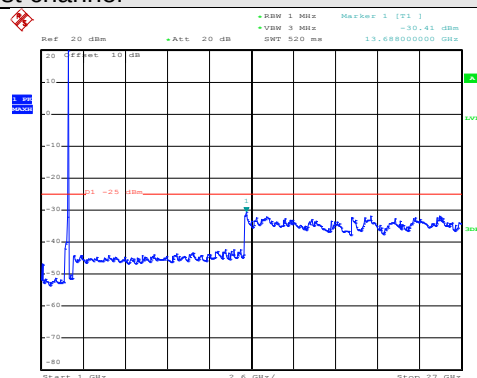
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:54:56

30MHz~1GHz

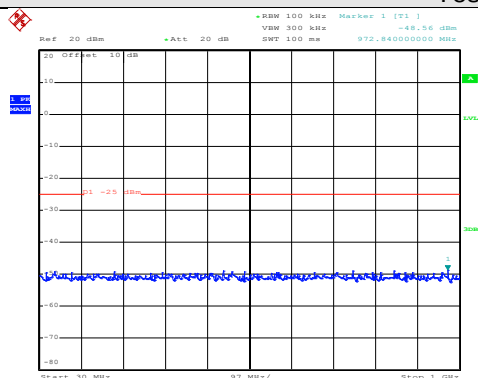


Date: 28.FEB.2018 17:38:34

1GHz~27GHz

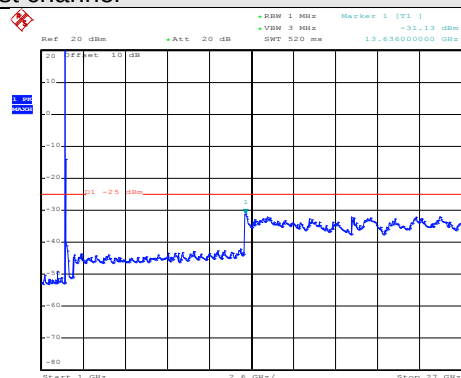
LTE band 41 Part: 10MHz for QPSK (RB Size 50 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:53:15

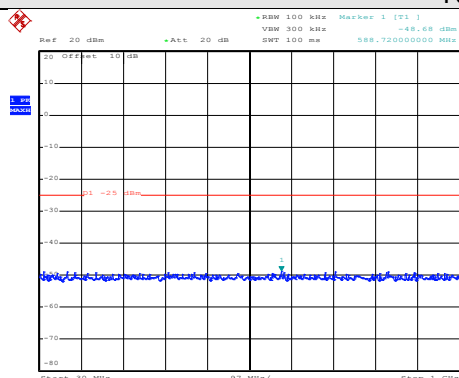
30MHz~1GHz



Date: 28.FEB.2018 17:33:45

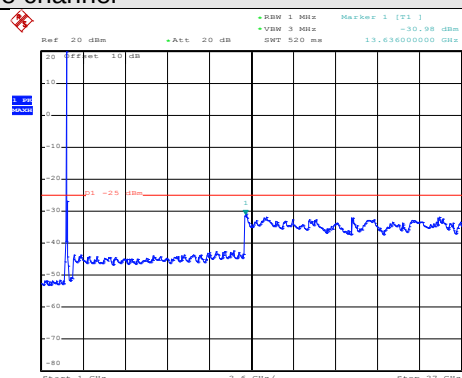
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:53:32

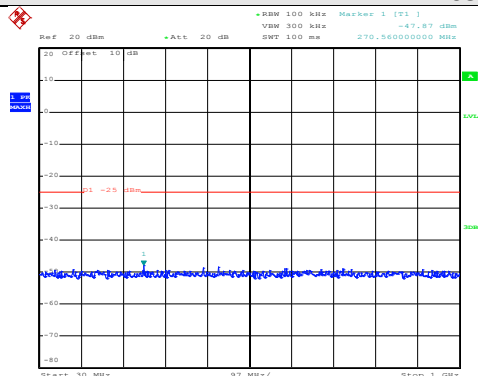
30MHz~1GHz



Date: 28.FEB.2018 17:35:47

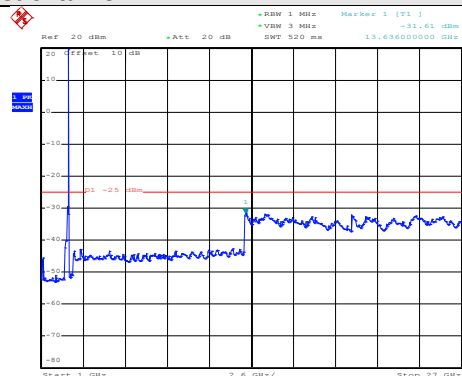
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:55:11

30MHz~1GHz

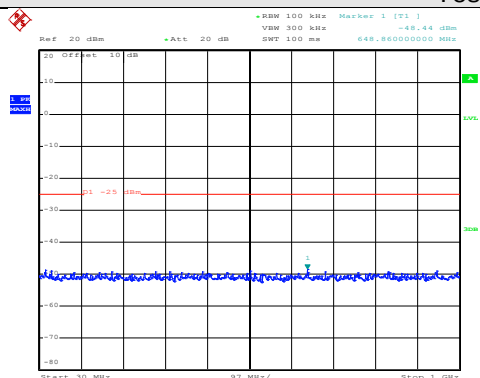


Date: 28.FEB.2018 17:38:57

1GHz~27GHz

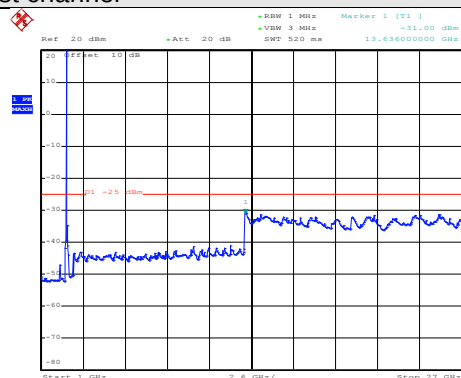
LTE band 41 Part: 15MHz for 16QAM (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:56:24

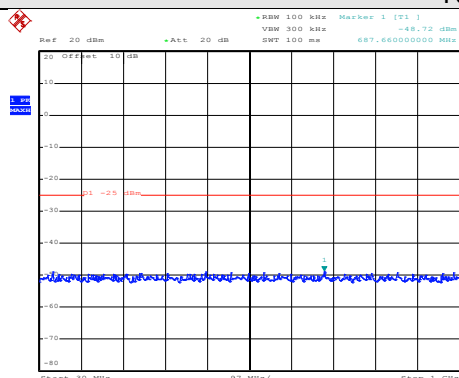
30MHz~1GHz



Date: 28.FEB.2018 17:27:28

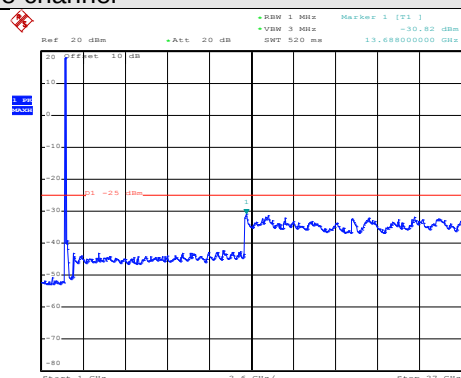
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:57:33

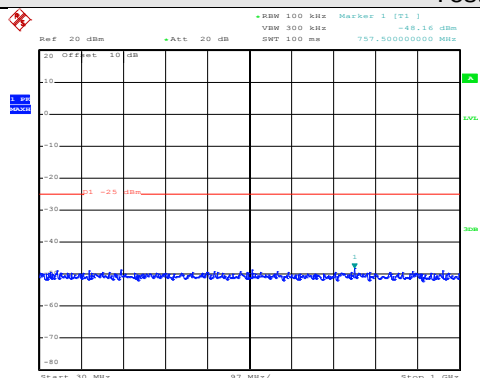
30MHz~1GHz



Date: 28.FEB.2018 17:23:33

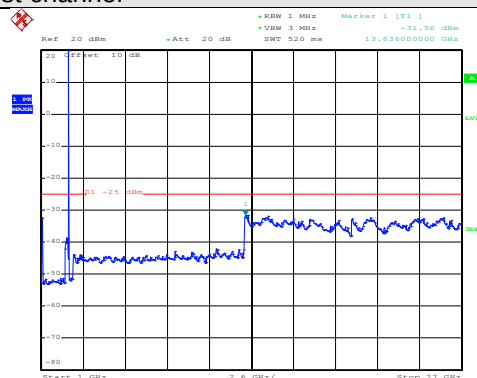
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:59:05

30MHz~1GHz

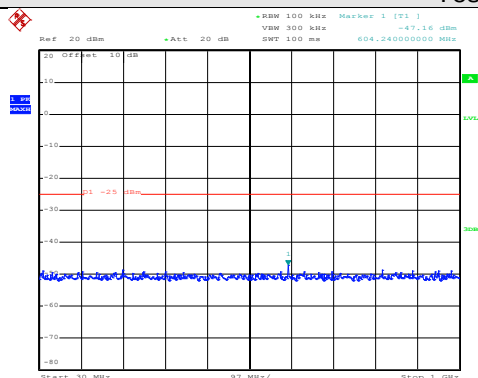


Date: 28.FEB.2018 17:30:32

1GHz~27GHz

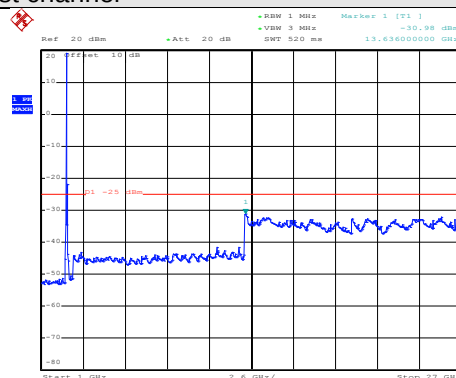
LTE band 41 Part: 15MHz for 16QAM (RB Size 75 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:56:36

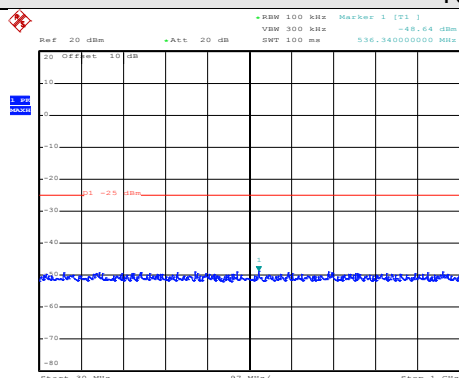
30MHz~1GHz



Date: 28.FEB.2018 17:25:26

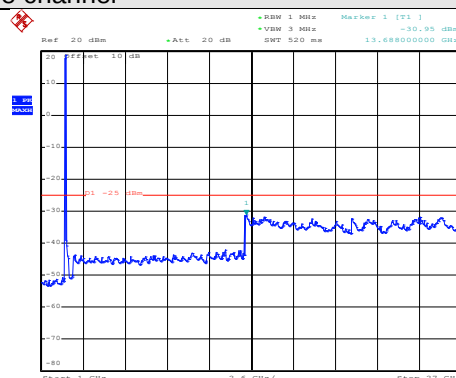
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:58:10

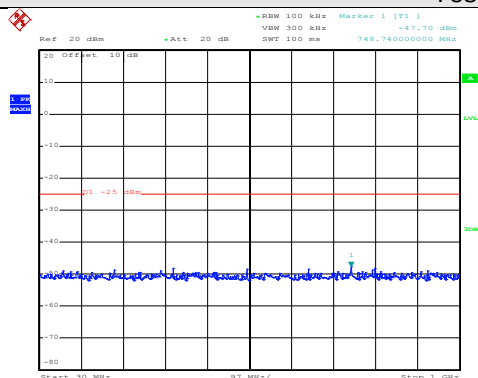
30MHz~1GHz



Date: 28.FEB.2018 17:24:04

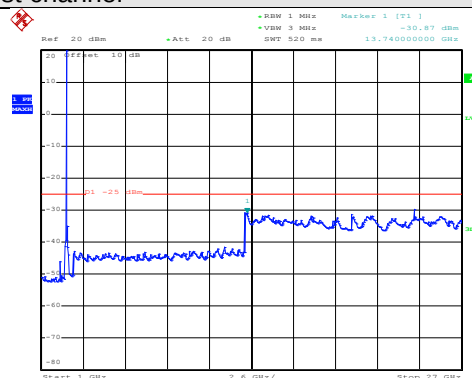
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:58:25

30MHz~1GHz

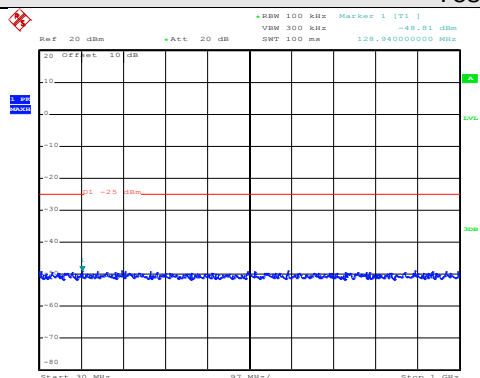


Date: 28.FEB.2018 17:29:12

1GHz~27GHz

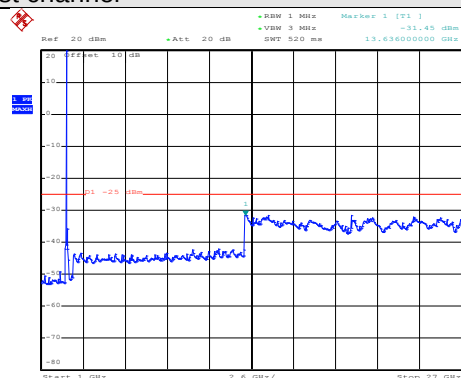
LTE band 41 Part: 15MHz for QPSK (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 16:56:13

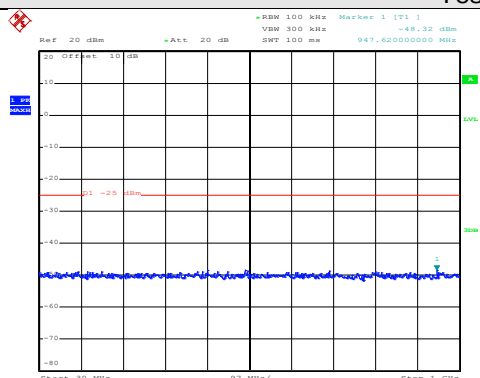
30MHz~1GHz



Date: 28.FEB.2018 17:27:50

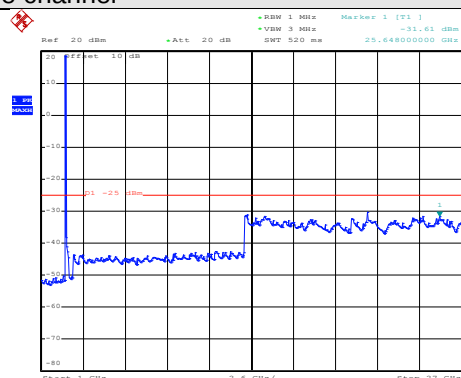
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:57:22

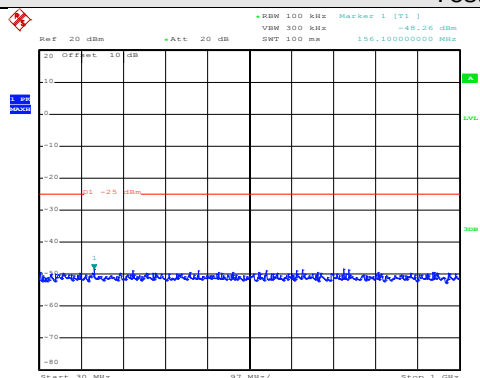
30MHz~1GHz



Date: 28.FEB.2018 17:23:12

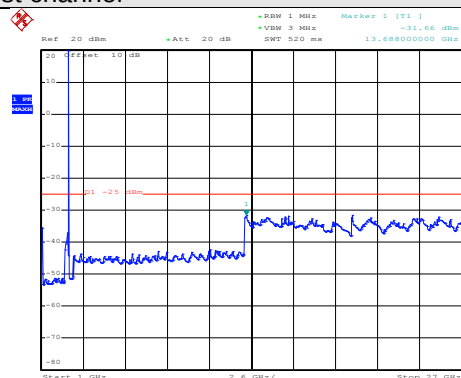
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:58:50

30MHz~1GHz

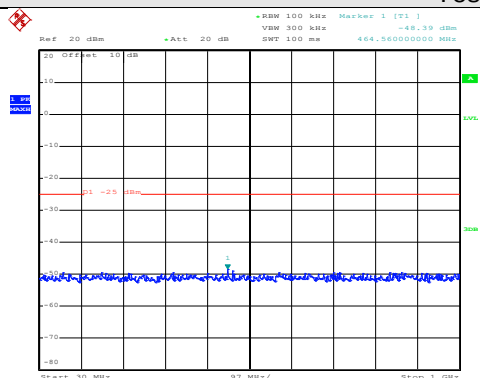


Date: 28.FEB.2018 17:30:12

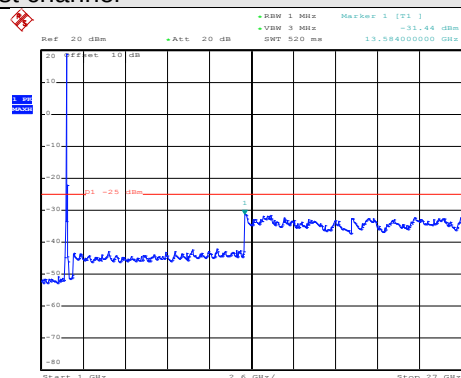
1GHz~27GHz

LTE band 41 Part: 15MHz for QPSK (RB Size 75 & RB Offset 0)

Test Channel: Lowest channel

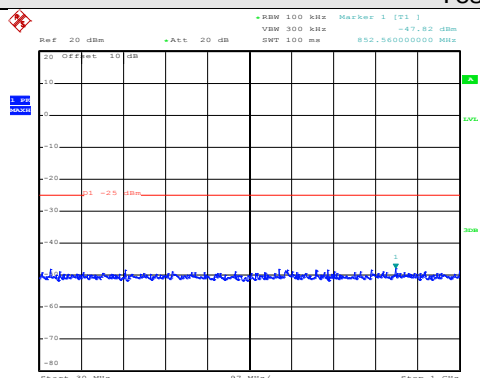


30MHz~1GHz

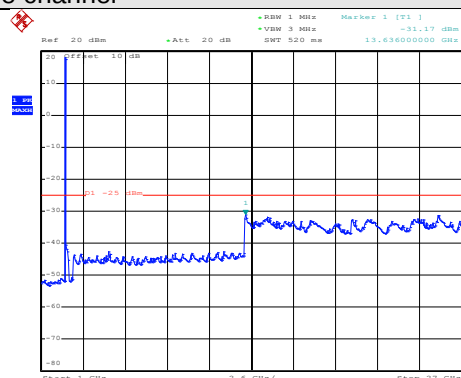


1GHz~27GHz

Test Channel: Middle channel

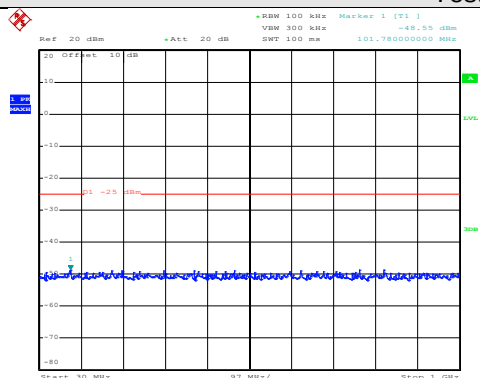


30MHz~1GHz

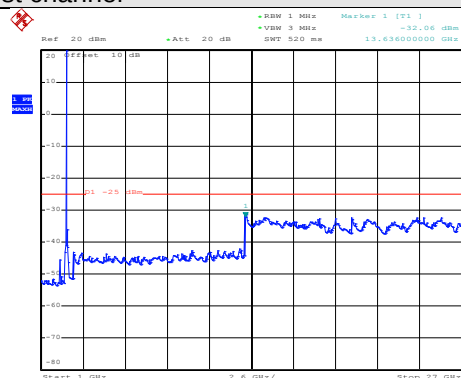


1GHz~27GHz

Test Channel: Highest channel



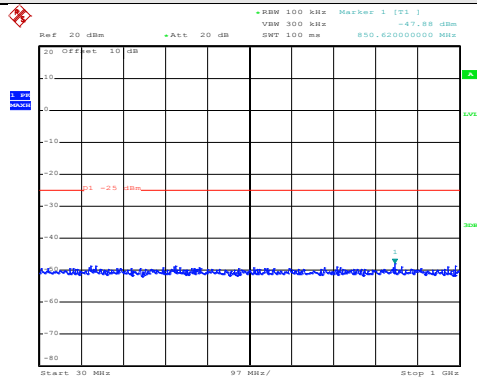
30MHz~1GHz



1GHz~27GHz

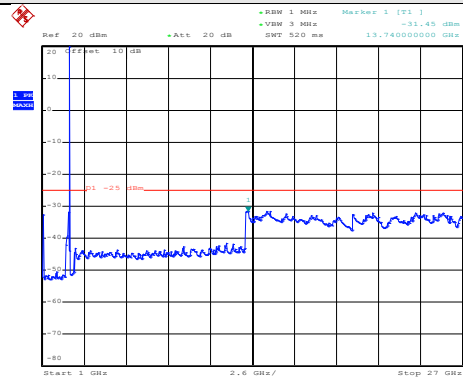
LTE band 41 Part: 20MHz for 16QAM (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 17:03:36

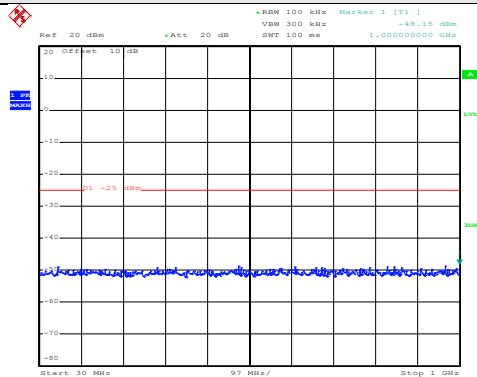
30MHz~1GHz



Date: 28.FEB.2018 17:10:51

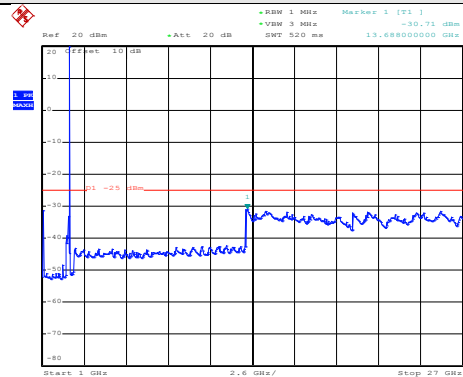
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:53:56

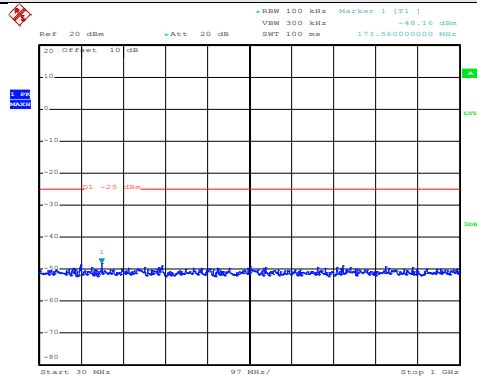
30MHz~1GHz



Date: 28.FEB.2018 17:13:13

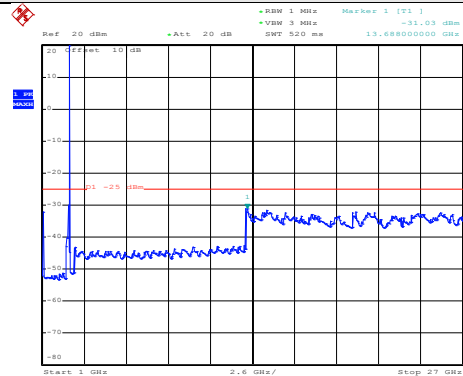
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:53:43

30MHz~1GHz

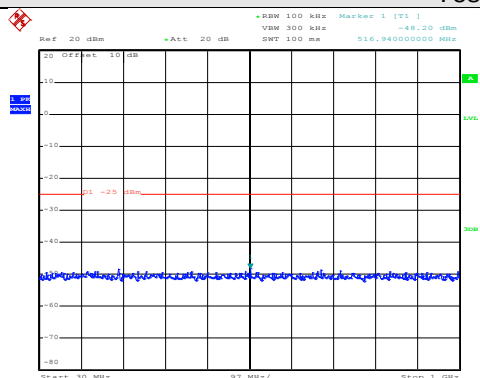


Date: 28.FEB.2018 17:17:42

1GHz~27GHz

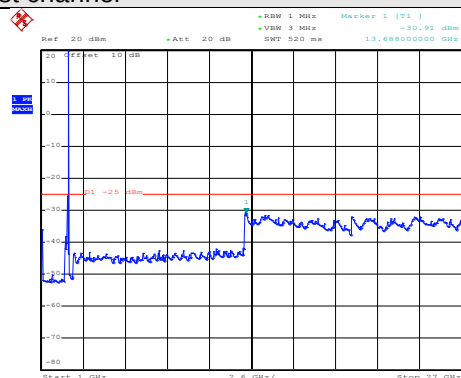
LTE band 41 Part: 20MHz for 16QAM (RB Size 100 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 17:03:51

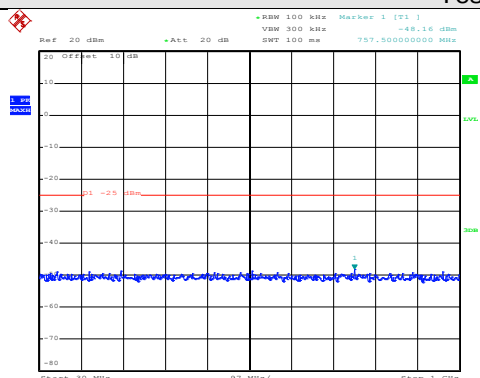
30MHz~1GHz



Date: 28.FEB.2018 17:11:19

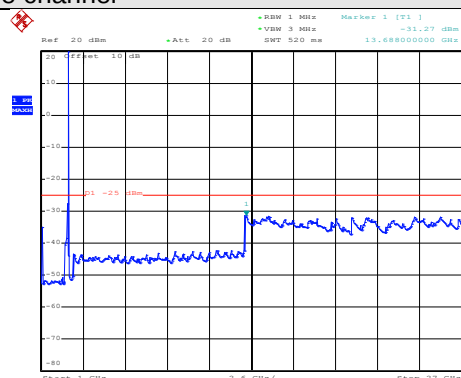
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:59:05

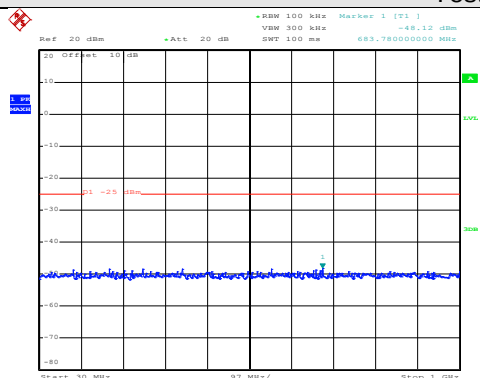
30MHz~1GHz



Date: 28.FEB.2018 17:13:46

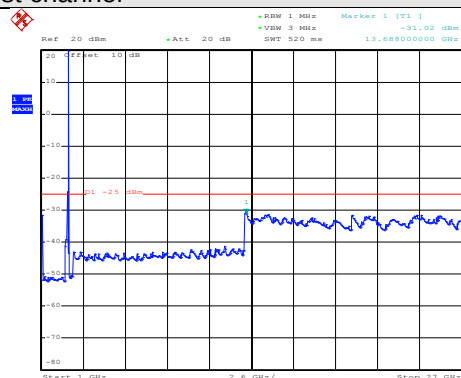
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:54:45

30MHz~1GHz

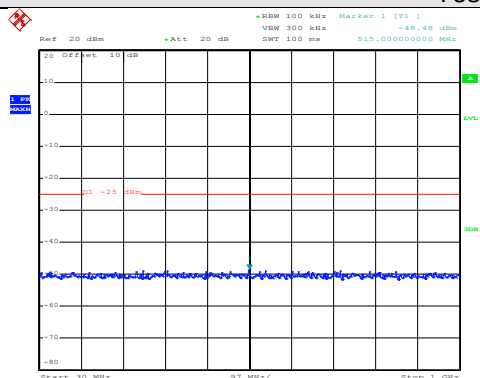


Date: 28.FEB.2018 17:19:32

1GHz~27GHz

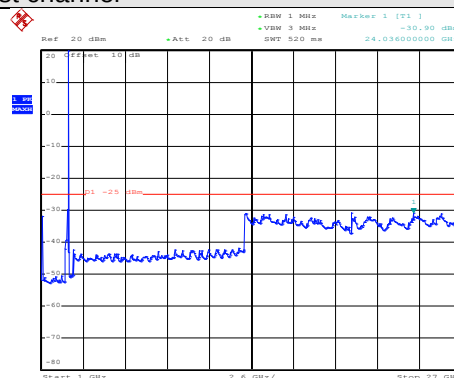
LTE band 41 Part: 20MHz for QPSK (RB Size 1 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 17:03:15

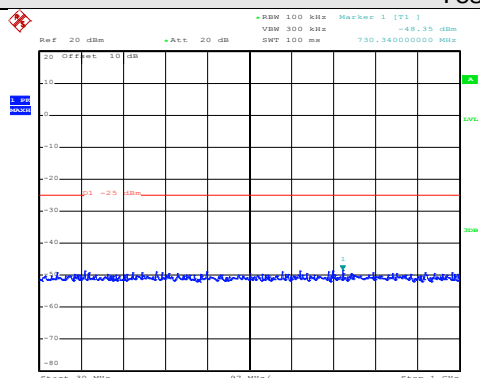
30MHz~1GHz



Date: 28.FEB.2018 17:10:22

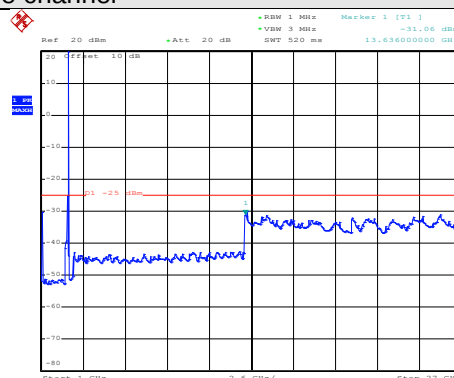
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:50:34

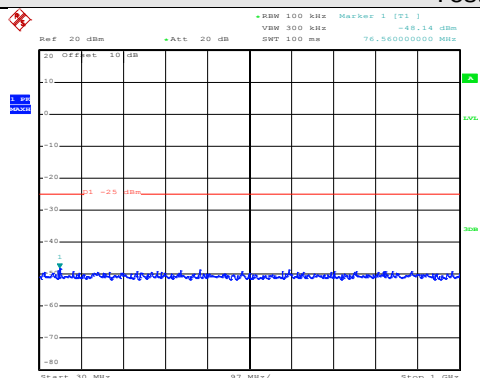
30MHz~1GHz



Date: 28.FEB.2018 17:12:31

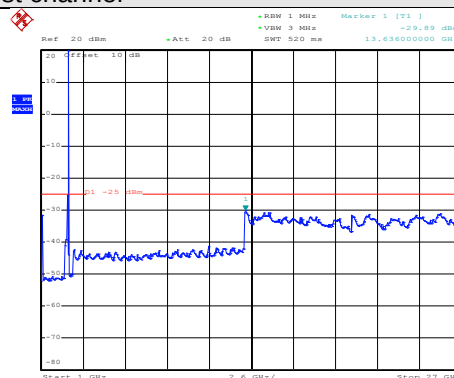
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:51:26

30MHz~1GHz

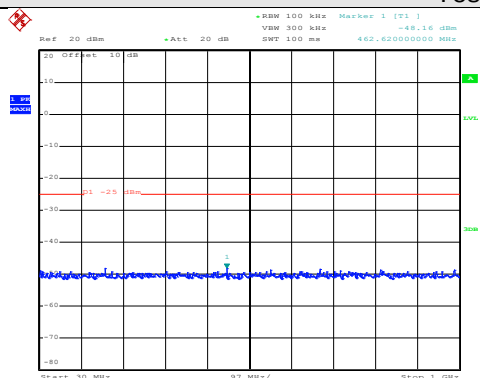


Date: 28.FEB.2018 17:17:26

1GHz~27GHz

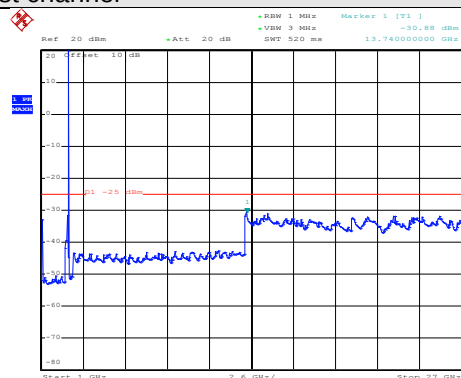
LTE band 41 Part: 20MHz for QPSK (RB Size 100 & RB Offset 0)

Test Channel: Lowest channel



Date: 28.FEB.2018 17:04:20

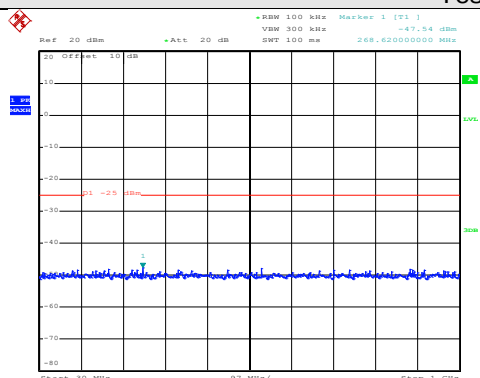
30MHz~1GHz



Date: 28.FEB.2018 17:11:48

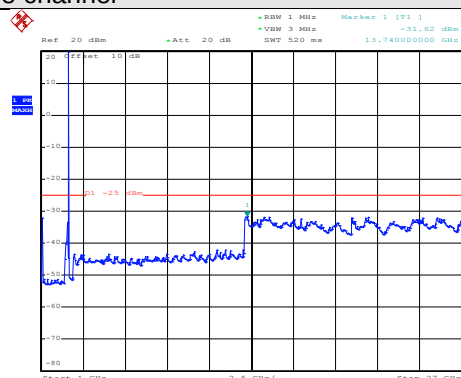
1GHz~27GHz

Test Channel: Middle channel



Date: 28.FEB.2018 16:48:54

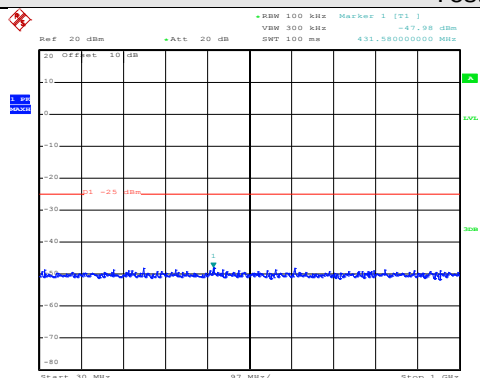
30MHz~1GHz



Date: 28.FEB.2018 17:14:05

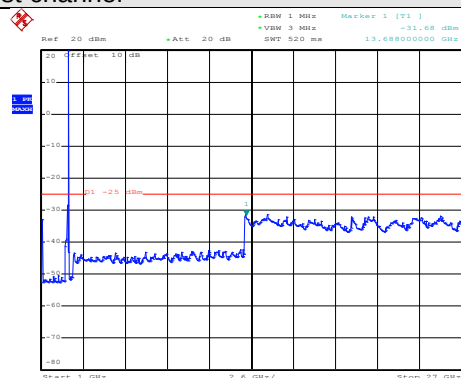
1GHz~27GHz

Test Channel: Highest channel



Date: 28.FEB.2018 16:52:32

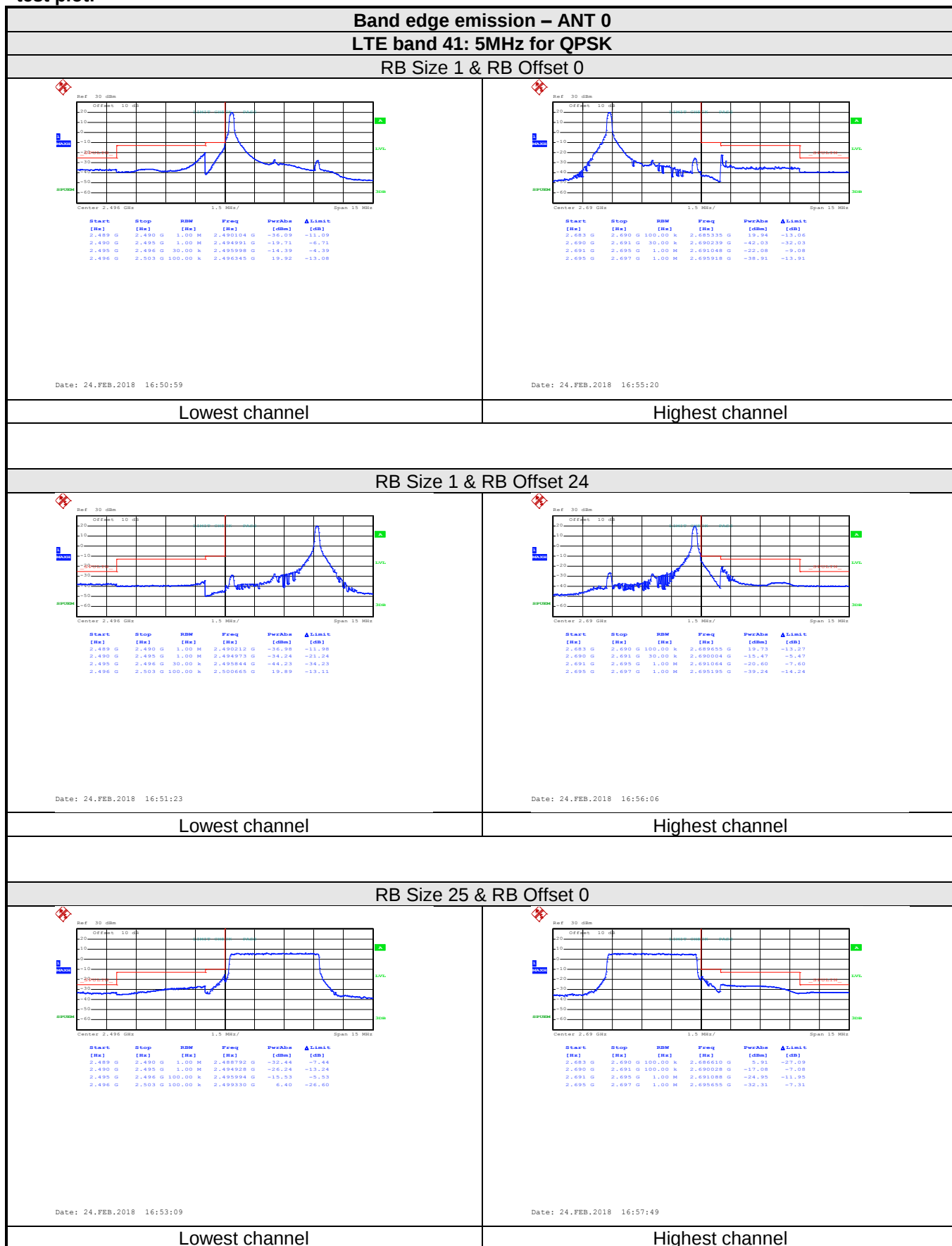
30MHz~1GHz



Date: 28.FEB.2018 17:20:16

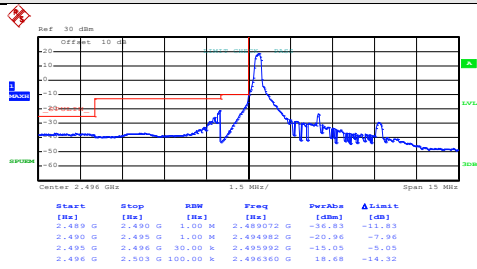
1GHz~27GHz

test plot:



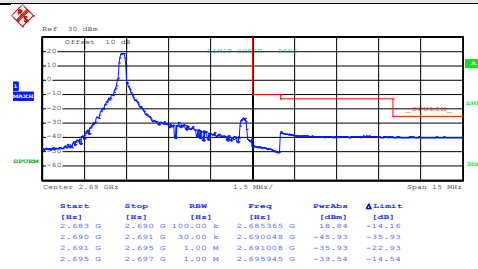
LTE band 41: 5MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 24.FEB.2018 16:51:48

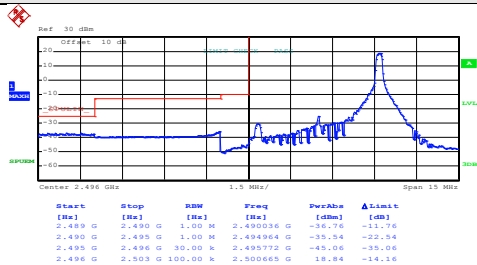
Lowest channel



Date: 24.FEB.2018 16:56:46

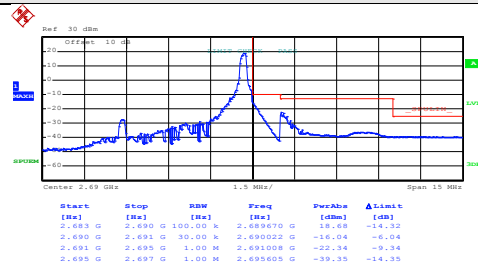
Highest channel

RB Size 1 & RB Offset 24



Date: 24.FEB.2018 16:52:06

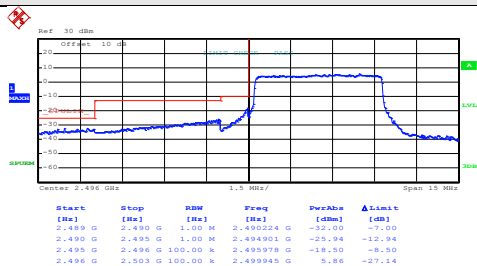
Lowest channel



Date: 24.FEB.2018 16:56:23

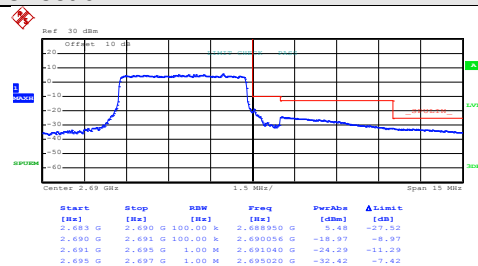
Highest channel

RB Size 25 & RB Offset 0



Date: 24.FEB.2018 16:53:29

Lowest channel

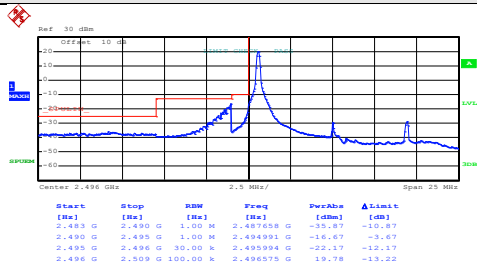


Date: 24.FEB.2018 16:57:27

Highest channel

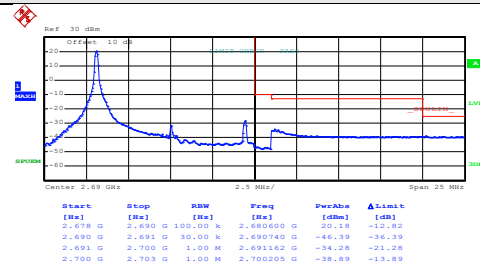
LTE band 41: 10MHz for QPSK

RB Size 1 & RB Offset 0



Date: 24.FEB.2018 17:02:09

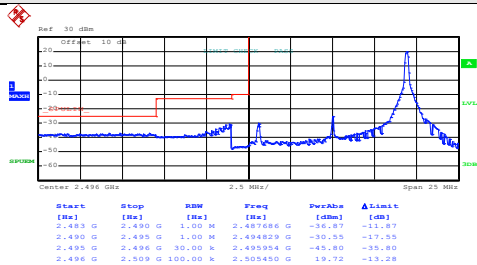
Lowest channel



Date: 24.FEB.2018 17:06:32

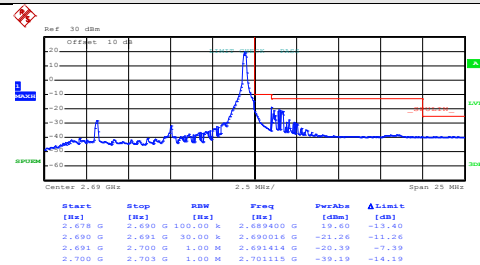
Highest channel

RB Size 1 & RB Offset 49



Date: 24.FEB.2018 17:02:26

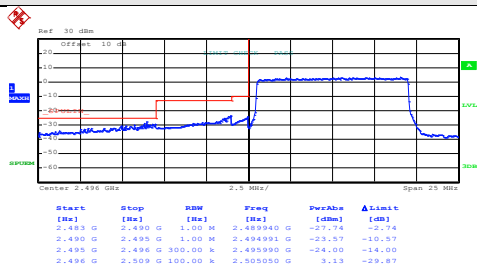
Lowest channel



Date: 24.FEB.2018 17:06:49

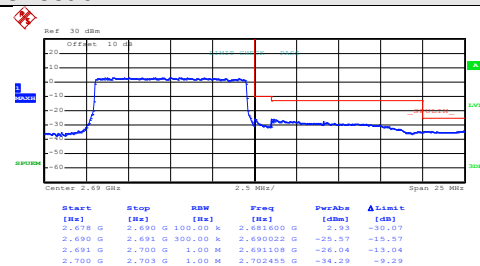
Highest channel

RB Size 50 & RB Offset 0



Date: 24.FEB.2018 17:04:37

Lowest channel

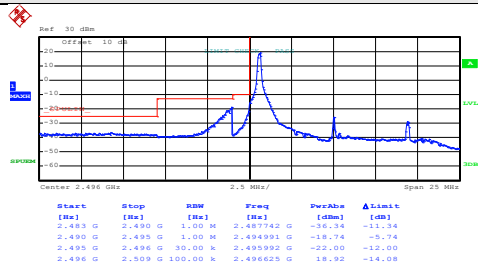


Date: 24.FEB.2018 17:08:04

Highest channel

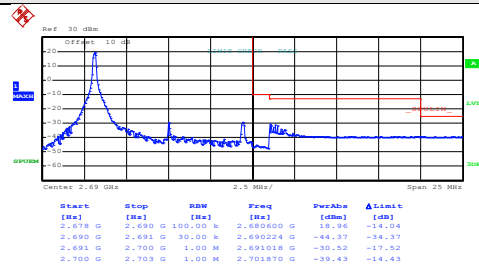
LTE band 41: 10MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 24.FEB.2018 17:03:10

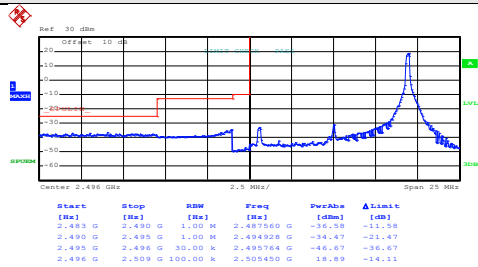
Lowest channel



Date: 24.FEB.2018 17:07:28

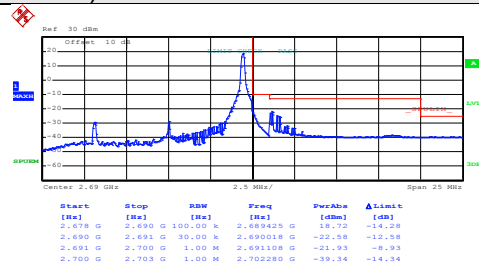
Highest channel

RB Size 1 & RB Offset 49



Date: 24.FEB.2018 17:02:43

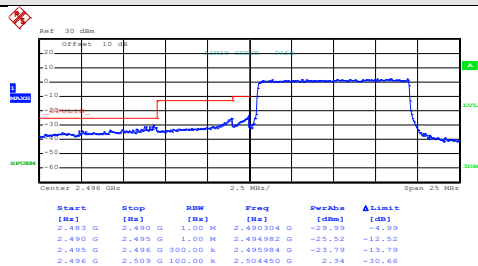
Lowest channel



Date: 24.FEB.2018 17:07:05

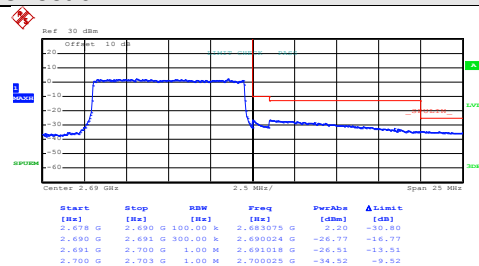
Highest channel

RB Size 50 & RB Offset 0



Date: 24.FEB.2018 17:04:55

Lowest channel

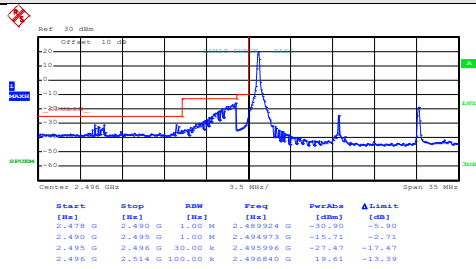


Date: 24.FEB.2018 17:08:17

Highest channel

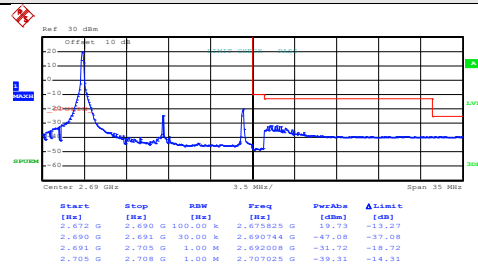
LTE band 41: 15MHz for QPSK

RB Size 1 & RB Offset 0



Date: 25.FEB.2018 10:12:43

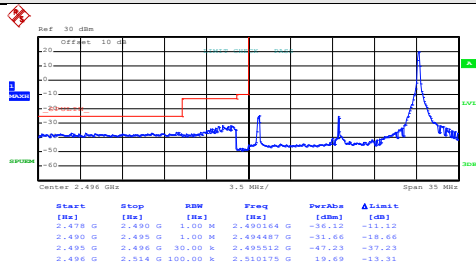
Lowest channel



Date: 25.FEB.2018 10:17:44

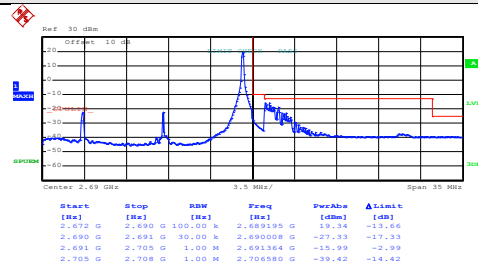
Highest channel

RB Size 1 & RB Offset 74



Date: 25.FEB.2018 10:13:36

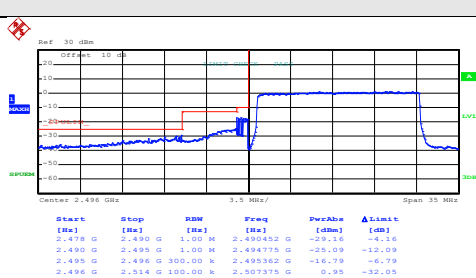
Lowest channel



Date: 25.FEB.2018 10:19:27

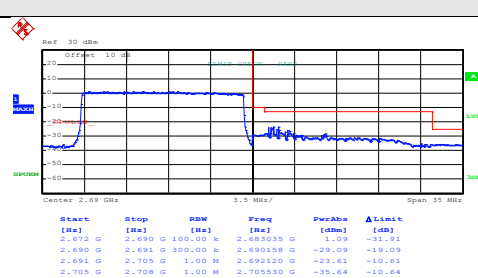
Highest channel

RB Size 75 & RB Offset 0



Date: 25.FEB.2018 10:14:11

Lowest channel

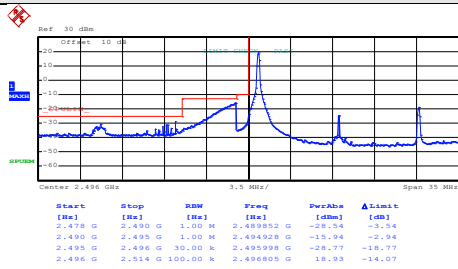


Date: 25.FEB.2018 10:19:55

Highest channel

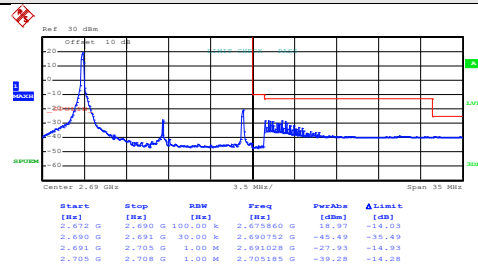
LTE band 41: 15MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 25.FEB.2018 10:13:08

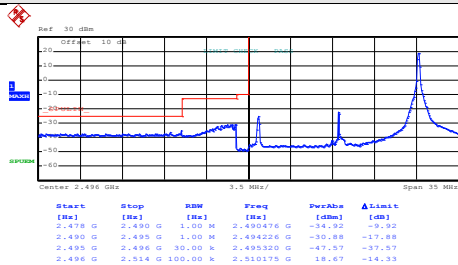
Lowest channel



Date: 25.FEB.2018 10:18:03

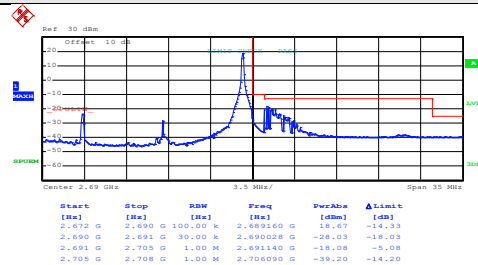
Highest channel

RB Size 1 & RB Offset 74



Date: 25.FEB.2018 10:13:22

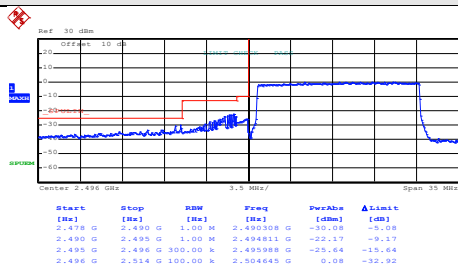
Lowest channel



Date: 25.FEB.2018 10:18:47

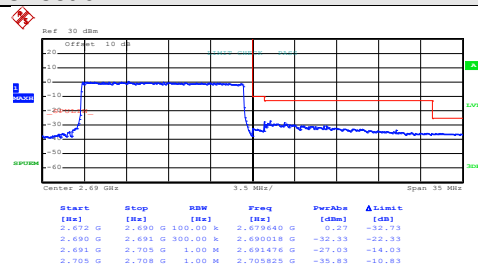
Highest channel

RB Size 75 & RB Offset 0



Date: 25.FEB.2018 10:16:34

Lowest channel

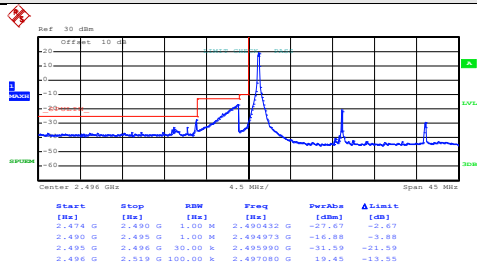


Date: 25.FEB.2018 10:20:08

Highest channel

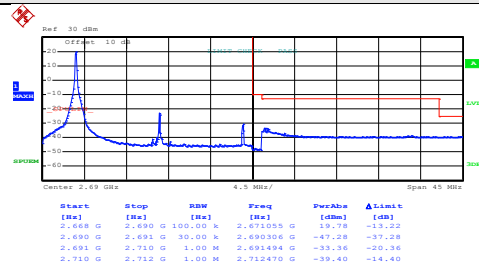
LTE band 41: 20MHz for QPSK

RB Size 1 & RB Offset 0



Date: 25.FEB.2018 10:22:27

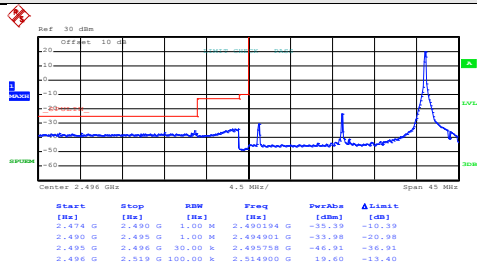
Lowest channel



Date: 25.FEB.2018 10:24:40

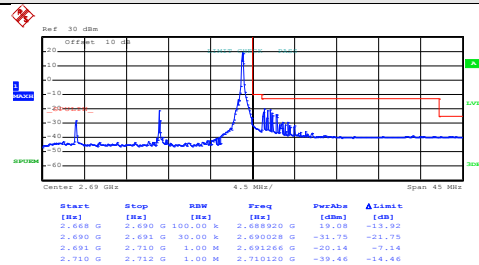
Highest channel

RB Size 1 & RB Offset 99



Date: 25.FEB.2018 10:23:19

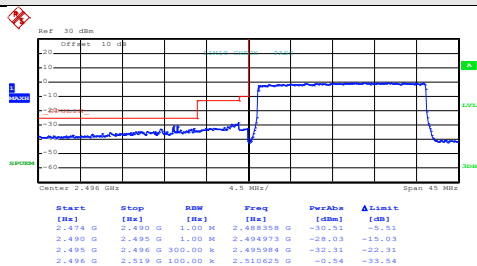
Lowest channel



Date: 25.FEB.2018 10:25:23

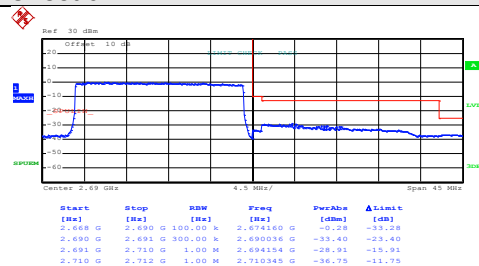
Highest channel

RB Size 100 & RB Offset 0



Date: 25.FEB.2018 10:23:48

Lowest channel

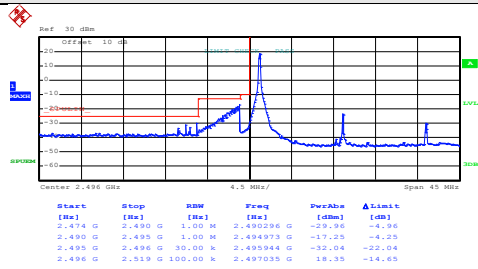


Date: 25.FEB.2018 10:27:14

Highest channel

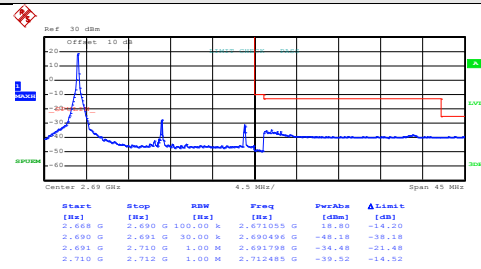
LTE band 41: 20MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 25.FEB.2018 10:22:45

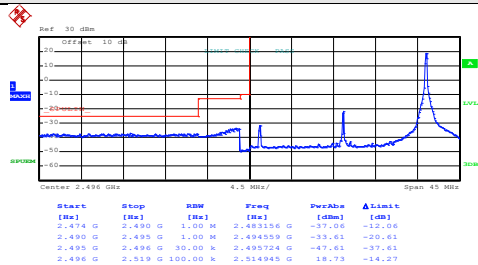
Lowest channel



Date: 25.FEB.2018 10:24:54

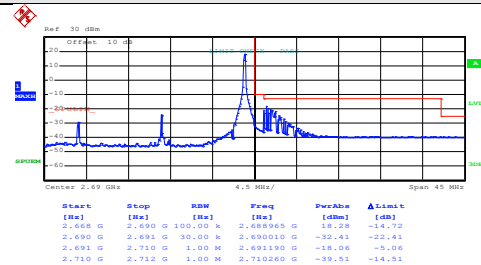
Highest channel

RB Size 1 & RB Offset 99



Date: 25.FEB.2018 10:23:00

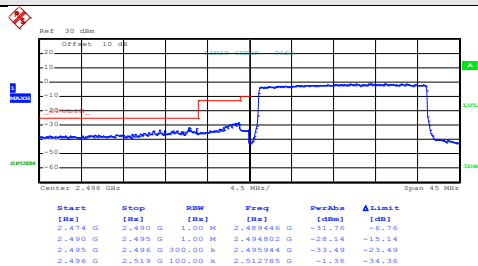
Lowest channel



Date: 25.FEB.2018 10:25:10

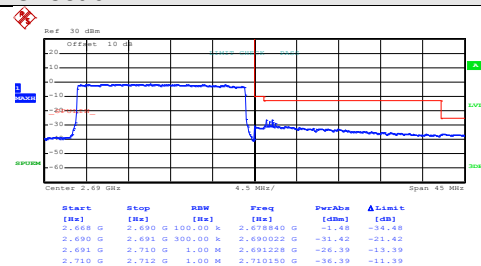
Highest channel

RB Size 100 & RB Offset 0



Date: 25.FEB.2018 10:24:01

Lowest channel



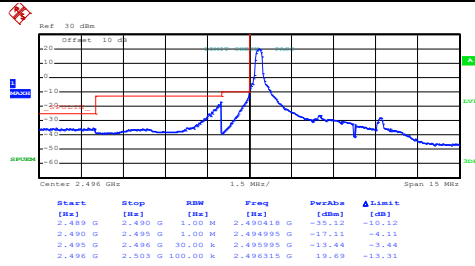
Date: 25.FEB.2018 10:27:28

Highest channel

Band edge emission – ANT 1

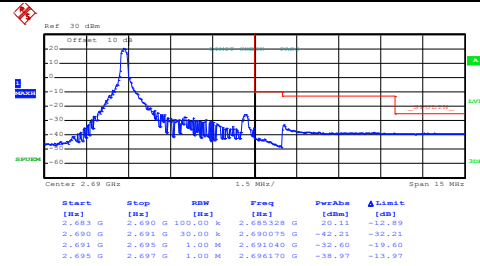
LTE band 41: 5MHz for QPSK

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:11:18

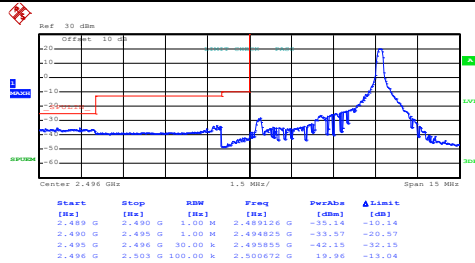
Lowest channel



Date: 28.FEB.2018 16:14:15

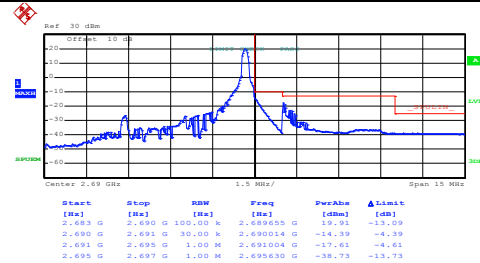
Highest channel

RB Size 1 & RB Offset 24



Date: 28.FEB.2018 16:12:16

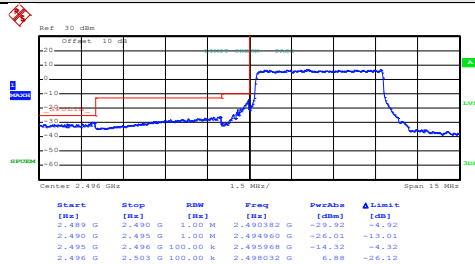
Lowest channel



Date: 28.FEB.2018 16:15:12

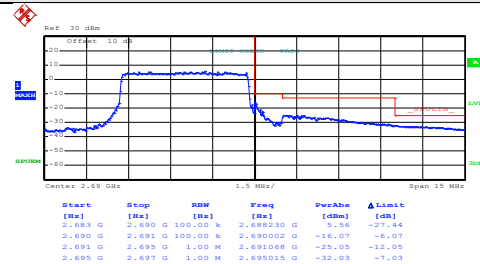
Highest channel

RB Size 25 & RB Offset 0



Date: 28.FEB.2018 16:12:57

Lowest channel

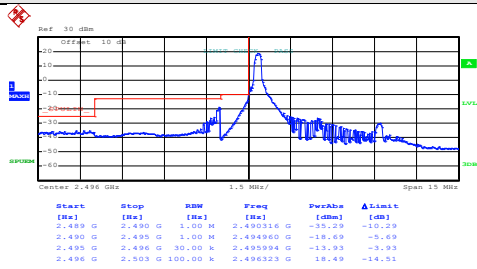


Date: 28.FEB.2018 16:17:20

Highest channel

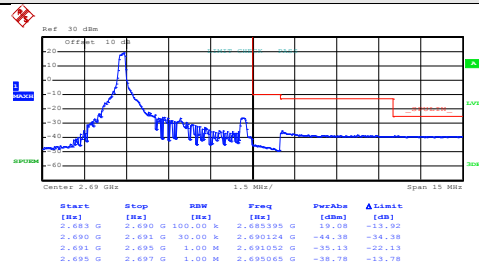
LTE band 41: 5MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:11:46

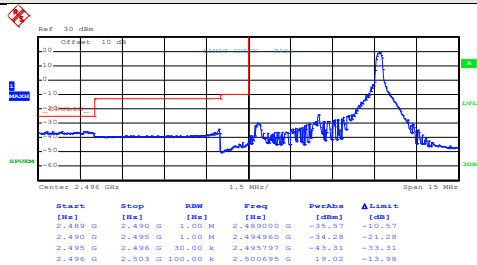
Lowest channel



Date: 28.FEB.2018 16:14:31

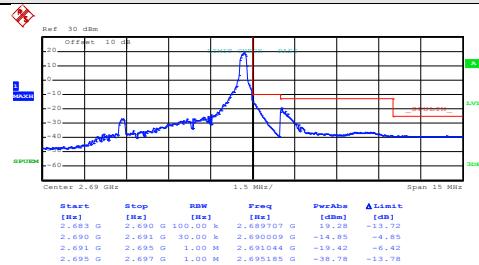
Highest channel

RB Size 1 & RB Offset 24



Date: 28.FEB.2018 16:11:59

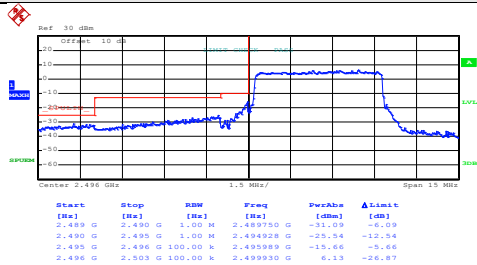
Lowest channel



Date: 28.FEB.2018 16:14:58

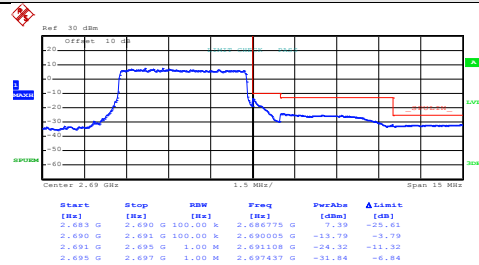
Highest channel

RB Size 25 & RB Offset 0



Date: 28.FEB.2018 16:13:14

Lowest channel

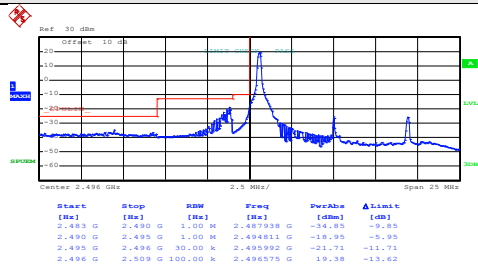


Date: 28.FEB.2018 16:17:06

Highest channel

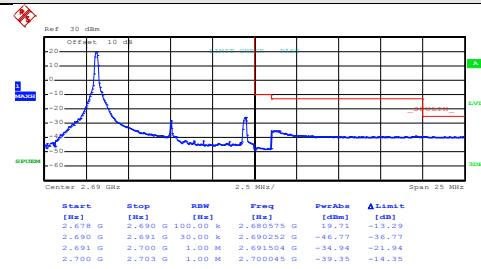
LTE band 41: 10MHz for QPSK

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:20:21

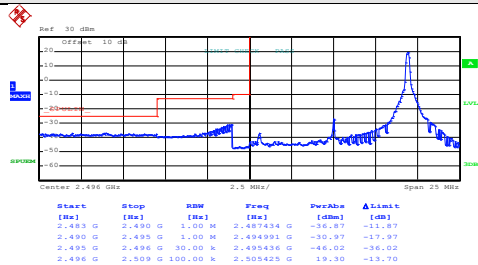
Lowest channel



Date: 28.FEB.2018 16:22:42

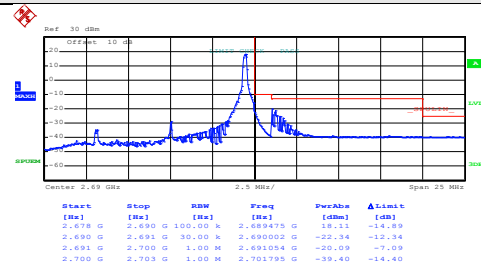
Highest channel

RB Size 1 & RB Offset 49



Date: 28.FEB.2018 16:21:10

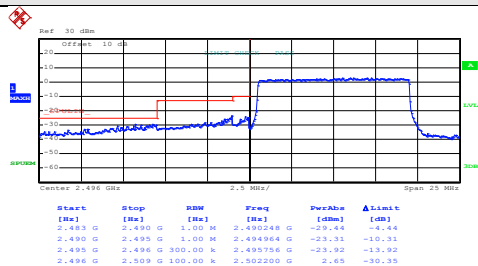
Lowest channel



Date: 28.FEB.2018 16:24:10

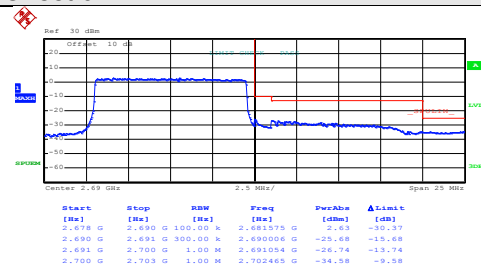
Highest channel

RB Size 50 & RB Offset 0



Date: 28.FEB.2018 16:21:51

Lowest channel

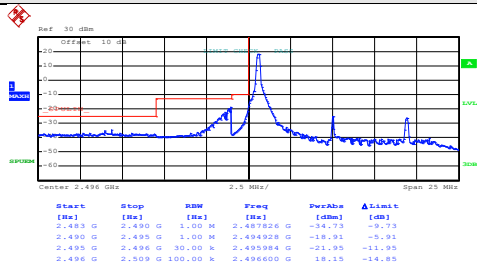


Date: 28.FEB.2018 16:32:20

Highest channel

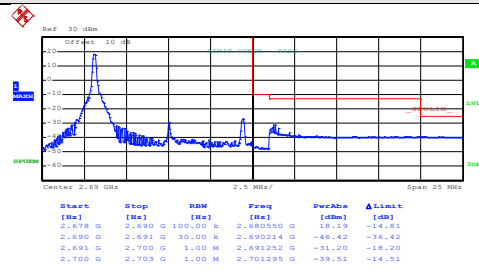
LTE band 41: 10MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:20:42

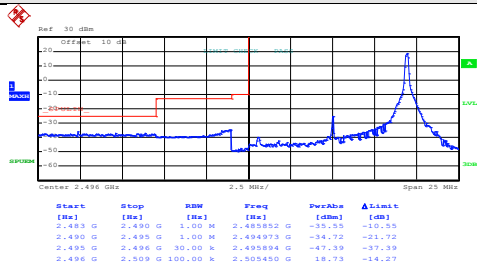
Lowest channel



Date: 28.FEB.2018 16:22:58

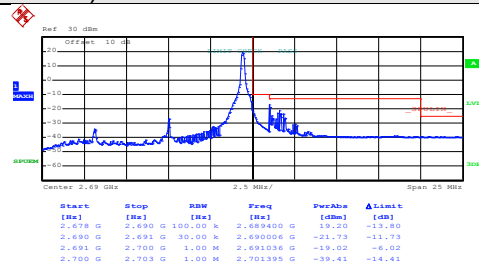
Highest channel

RB Size 1 & RB Offset 49



Date: 28.FEB.2018 16:20:55

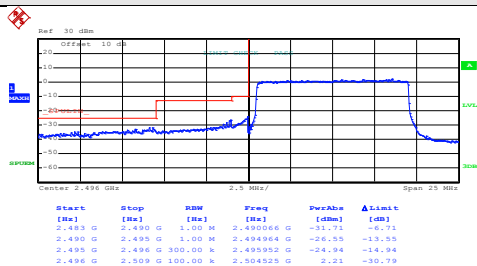
Lowest channel



Date: 28.FEB.2018 16:23:51

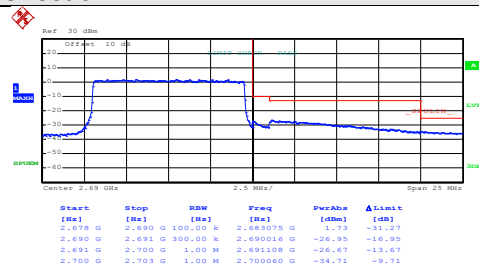
Highest channel

RB Size 50 & RB Offset 0



Date: 28.FEB.2018 16:22:03

Lowest channel

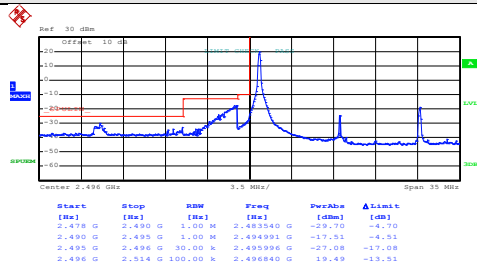


Date: 28.FEB.2018 16:32:38

Highest channel

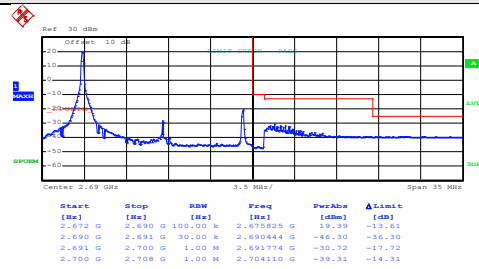
LTE band 41: 15MHz for QPSK

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:34:05

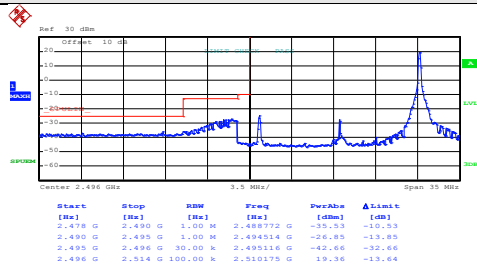
Lowest channel



Date: 28.FEB.2018 16:36:37

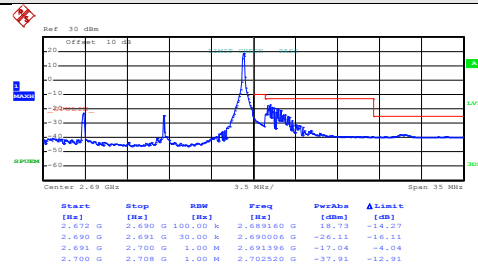
Highest channel

RB Size 1 & RB Offset 74



Date: 28.FEB.2018 16:34:57

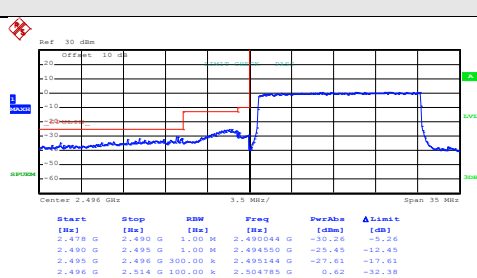
Lowest channel



Date: 28.FEB.2018 16:37:25

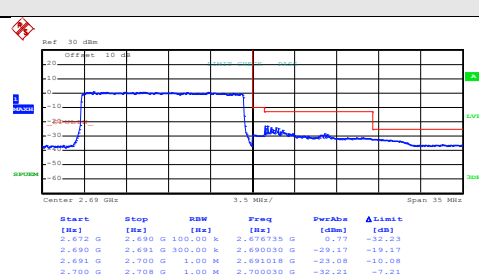
Highest channel

RB Size 75 & RB Offset 0



Date: 28.FEB.2018 16:35:30

Lowest channel

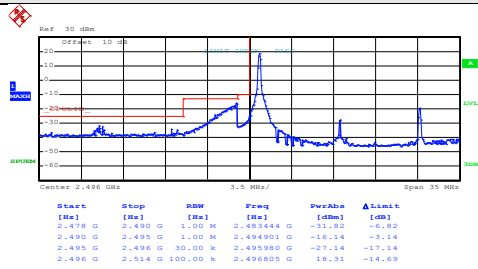


Date: 28.FEB.2018 16:37:51

Highest channel

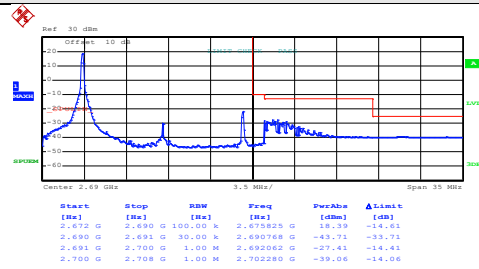
LTE band 41: 15MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:34:24

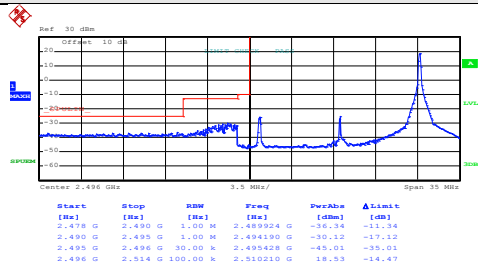
Lowest channel



Date: 28.FEB.2018 16:36:53

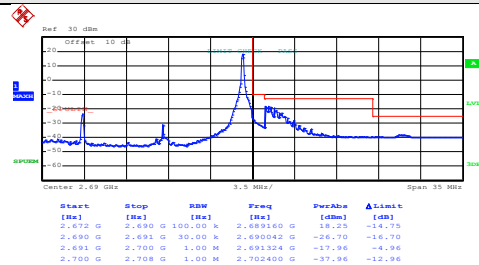
Highest channel

RB Size 1 & RB Offset 74



Date: 28.FEB.2018 16:34:43

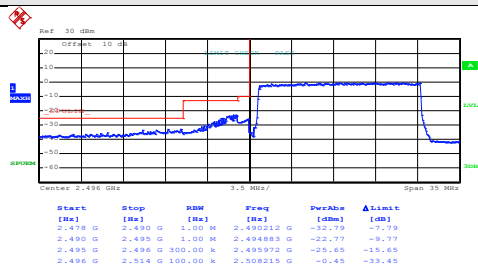
Lowest channel



Date: 28.FEB.2018 16:37:09

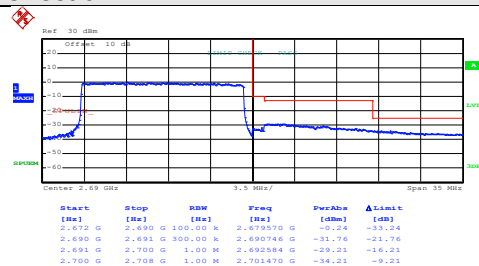
Highest channel

RB Size 75 & RB Offset 0



Date: 28.FEB.2018 16:35:59

Lowest channel

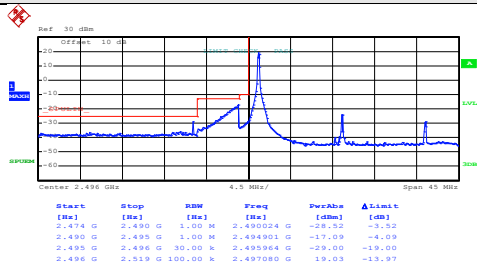


Date: 28.FEB.2018 16:38:04

Highest channel

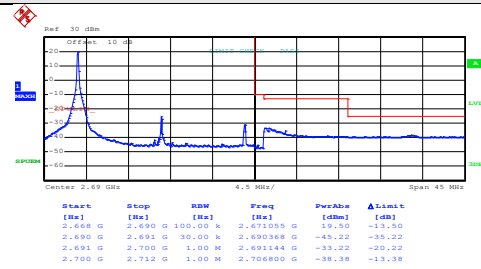
LTE band 41: 20MHz for QPSK

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:39:27

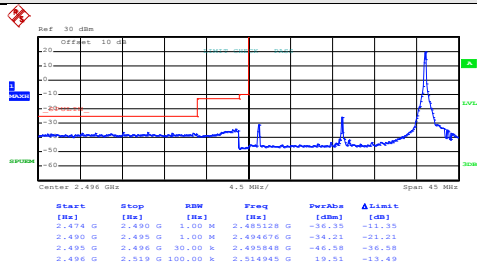
Lowest channel



Date: 28.FEB.2018 16:42:21

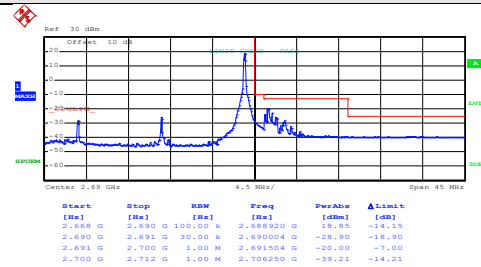
Highest channel

RB Size 1 & RB Offset 99



Date: 28.FEB.2018 16:40:14

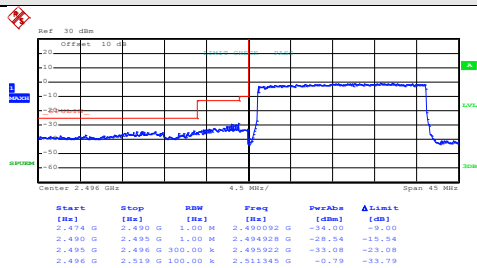
Lowest channel



Date: 28.FEB.2018 16:43:01

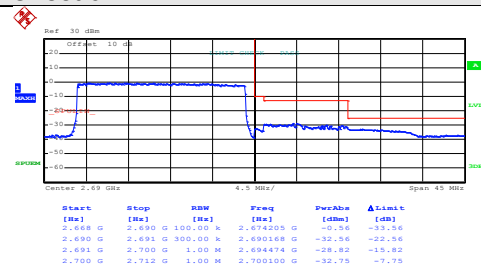
Highest channel

RB Size 100 & RB Offset 0



Date: 28.FEB.2018 16:40:49

Lowest channel

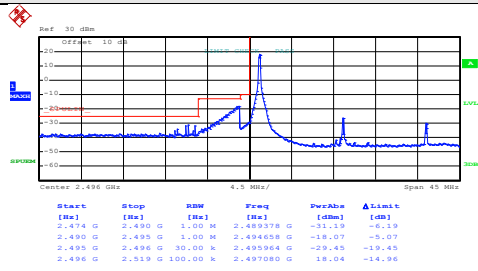


Date: 28.FEB.2018 16:43:28

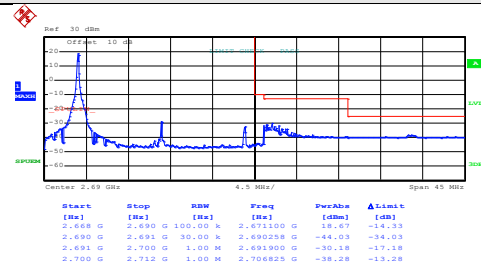
Highest channel

LTE band 41: 20MHz for 16QAM

RB Size 1 & RB Offset 0



Date: 28.FEB.2018 16:39:45

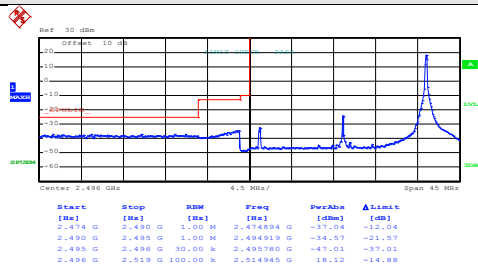


Date: 28.FEB.2018 16:42:36

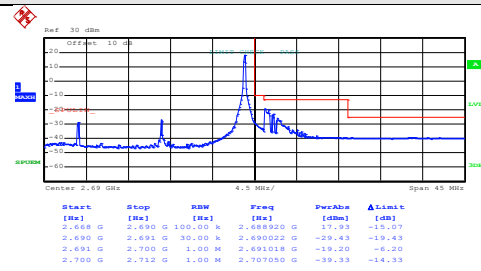
Lowest channel

Highest channel

RB Size 1 & RB Offset 99



Date: 28.FEB.2018 16:40:01

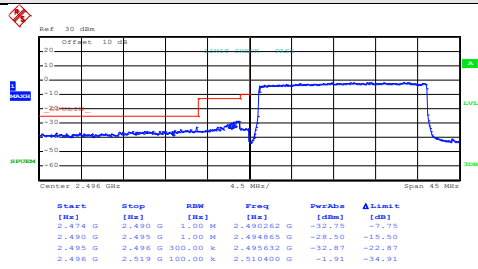


Date: 28.FEB.2018 16:42:48

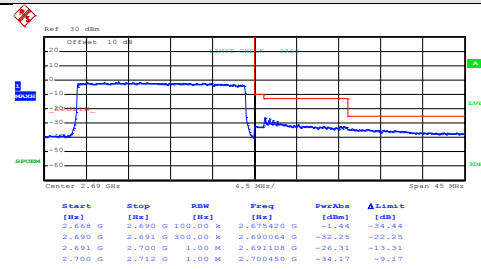
Lowest channel

Highest channel

RB Size 100 & RB Offset 0



Date: 28.FEB.2018 16:41:01

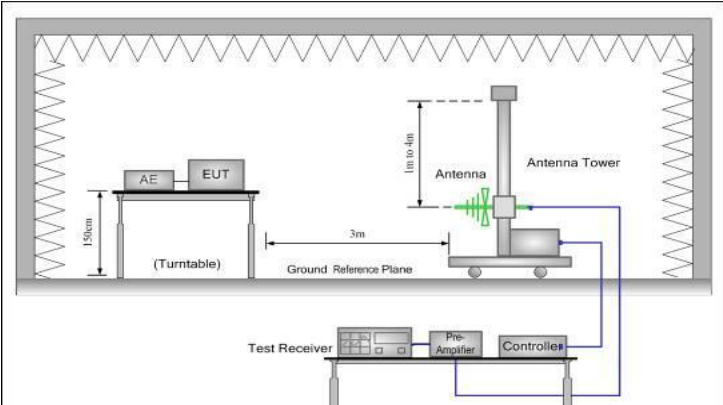
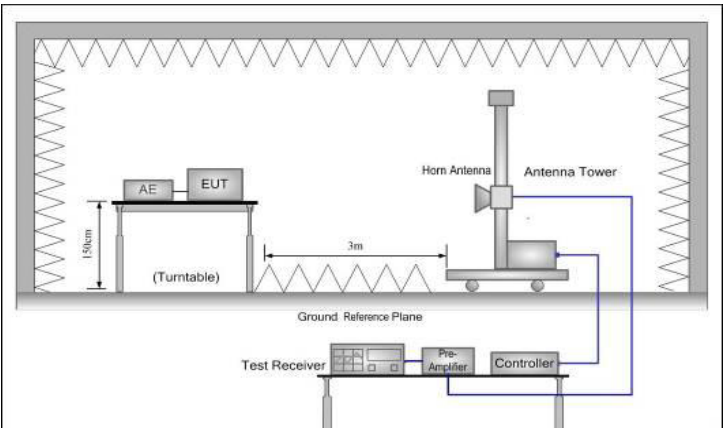


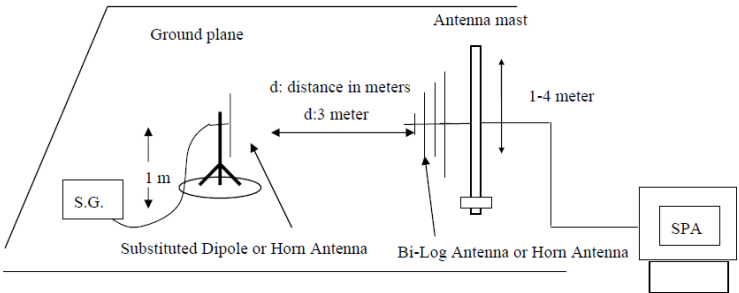
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Lowest channel

Highest channel

6.5 Field strength of spurious radiation measurement

Test Requirement:	Part 27.53(m)(4)
Test Method:	FCC part 2.1053
Limit:	For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.
Test setup:	Below 1GHz  Above 1GHz  Substituted method:

	 The diagram illustrates the test setup. A Substituted Dipole or Horn Antenna is positioned at a height of 1 m above a ground plane. A Bi-Log Antenna or Horn Antenna is mounted on an Antenna mast at a height of 1-4 meters. The distance between the two antennas is labeled as d: 3 meter. A SPA (Spectrum Analyzer) is connected to the antenna mast. The distance d is also labeled as d: distance in meters.
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. $\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data:
test data (worst case):

Bandwidth=5MHz for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest channel				
4997.00	Vertical	-37.05	-25	Pass
7495.50	V	-40.23		
4997.00	Horizontal	-30.28		
7495.50	H	-38.62		
Middle channel				
5186.00	Vertical	-38.48	-25	Pass
7779.00	V	-40.01		
5186.00	Horizontal	-30.56		
7779.00	H	-39.65		
Highest channel				
5375.00	Vertical	-40.99	-25	Pass
8062.50	V	-39.81		
5375.00	Horizontal	-33.54		
8062.50	H	-40.15		
Bandwidth=10MHz for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest channel				
5002.00	Vertical	-37.14	-25	Pass
7503.00	V	-39.08		
5002.00	Horizontal	-30.41		
7503.00	H	-40.01		
Middle channel				
5186.00	Vertical	-37.62	-25	Pass
7779.00	V	-39.87		
5186.00	Horizontal	-31.35		
7779.00	H	-40.16		
Highest channel				
5370.00	Vertical	-37.86	-25	Pass
8055.00	V	-39.54		
5370.00	Horizontal	-32.01		
8055.00	H	-40.21		
Remark:				
1. The emission levels of below 1 GHz are very lower than the limit and not show in test report.				
2. Pre-scan QPSK and 16QAM modulation mode, and found the QPSK modulation mode is the worst case. So the worst case shown in report.				

Bandwidth=15MHz for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest channel				
5007.00	Vertical	-37.14	-25	Pass
7510.50	V	-39.95		
5007.00	Horizontal	-30.41		
7510.50	H	-39.57		
Middle channel				
5186.00	Vertical	-37.74	-25	Pass
7779.00	V	-40.15		
5186.00	Horizontal	-30.71		
7779.00	H	-40.01		
Highest channel				
5365.00	Vertical	-40.73	-25	Pass
8047.50	V	-39.45		
5365.00	Horizontal	-33.51		
8047.50	H	-40.08		
Bandwidth=20MHz for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest channel				
5012.00	Vertical	-37.00	-25	Pass
7518.00	V	-39.25		
5012.00	Horizontal	-30.78		
7518.00	H	-39.57		
Middle channel				
5186.00	Vertical	-37.12	-25	Pass
7779.00	V	-40.01		
5186.00	Horizontal	-31.24		
7779.00	H	-39.81		
Highest channel				
5360.00	Vertical	-37.90	-25	Pass
8040.00	V	-39.14		
5360.00	Horizontal	-32.60		
8040.00	H	-38.56		
Remark:				
1. The emission levels of below 1 GHz are very lower than the limit and not show in test report.				
2. Pre-scan QPSK and 16QAM modulation mode, and found the QPSK modulation mode is the worst case. So the worst case shown in report.				

6.6 Frequency stability V.S. Temperature measurement

Test Requirement:	Part 27.54																																																																														
Test Method:	FCC Part 2.1055(a)(1)(b)																																																																														
Limit:	<table><thead><tr><th rowspan="2">Frequency range (MHz)</th><th rowspan="2">Fixed and base stations (zppm)</th><th colspan="2">Mobile stations (zppm)</th></tr><tr><th>Over 2 watts output power</th><th>2 watts or less output power</th></tr></thead><tbody><tr><td>Below 25</td><td>100</td><td>100</td><td>200</td></tr><tr><td>25-50</td><td>20</td><td>20</td><td>50</td></tr><tr><td>72-76</td><td>5</td><td></td><td>50</td></tr><tr><td>150-174</td><td>5</td><td>5</td><td>50</td></tr><tr><td>216-220</td><td>1.0</td><td></td><td>1.0</td></tr><tr><td>220-222</td><td>0.1</td><td>1.5</td><td>1.5</td></tr><tr><td>421-512</td><td>2.5</td><td>5</td><td>5</td></tr><tr><td>806-809</td><td>1.0</td><td>1.5</td><td>1.5</td></tr><tr><td>809-824</td><td>1.5</td><td>2.5</td><td>2.5</td></tr><tr><td>851-854</td><td>1.0</td><td>1.5</td><td>1.5</td></tr><tr><td>854-869</td><td>1.5</td><td>2.5</td><td>2.5</td></tr><tr><td>896-901</td><td>0.1</td><td>1.5</td><td>1.5</td></tr><tr><td>902-928</td><td>2.5</td><td>2.5</td><td>2.5</td></tr><tr><td>902-928</td><td>2.5</td><td>2.5</td><td>2.5</td></tr><tr><td>929-930</td><td>1.5</td><td></td><td></td></tr><tr><td>935-940</td><td>0.1</td><td>1.5</td><td>1.5</td></tr><tr><td>1427-1435</td><td>300</td><td>300</td><td>300</td></tr><tr><td>Above 2450</td><td></td><td></td><td></td></tr></tbody></table>	Frequency range (MHz)	Fixed and base stations (zppm)	Mobile stations (zppm)		Over 2 watts output power	2 watts or less output power	Below 25	100	100	200	25-50	20	20	50	72-76	5		50	150-174	5	5	50	216-220	1.0		1.0	220-222	0.1	1.5	1.5	421-512	2.5	5	5	806-809	1.0	1.5	1.5	809-824	1.5	2.5	2.5	851-854	1.0	1.5	1.5	854-869	1.5	2.5	2.5	896-901	0.1	1.5	1.5	902-928	2.5	2.5	2.5	902-928	2.5	2.5	2.5	929-930	1.5			935-940	0.1	1.5	1.5	1427-1435	300	300	300	Above 2450			
Frequency range (MHz)	Fixed and base stations (zppm)			Mobile stations (zppm)																																																																											
		Over 2 watts output power	2 watts or less output power																																																																												
Below 25	100	100	200																																																																												
25-50	20	20	50																																																																												
72-76	5		50																																																																												
150-174	5	5	50																																																																												
216-220	1.0		1.0																																																																												
220-222	0.1	1.5	1.5																																																																												
421-512	2.5	5	5																																																																												
806-809	1.0	1.5	1.5																																																																												
809-824	1.5	2.5	2.5																																																																												
851-854	1.0	1.5	1.5																																																																												
854-869	1.5	2.5	2.5																																																																												
896-901	0.1	1.5	1.5																																																																												
902-928	2.5	2.5	2.5																																																																												
902-928	2.5	2.5	2.5																																																																												
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935-940	0.1	1.5	1.5																																																																												
1427-1435	300	300	300																																																																												
Above 2450																																																																															
Test setup:	Temperature Chamber Spectrum analyzer Att. EUT Variable Power Supply Note : Measurement setup for testing on Antenna connector																																																																														
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached																																																																														
Test Instruments:	Refer to section 5.9 for details																																																																														
Test mode:	Refer to section 5.3 for details																																																																														
Test results:	Passed																																																																														
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.																																																																														

test data (worst channel):

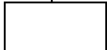
Antenna port: ANT 0			
Reference Frequency: Lowest channel=2498.5MHz(5MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	185	0.074044
	-20	177	0.070843
	-10	160	0.064038
	0	145	0.058035
	10	142	0.056834
	20	138	0.055233
	30	128	0.051231
	40	162	0.064839
	50	140	0.056034
Reference Frequency: Lowest channel=2501.0MHz(10MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	184	0.073571
	-20	175	0.069972
	-10	169	0.067573
	0	172	0.068772
	10	163	0.065174
	20	155	0.061975
	30	152	0.060776
	40	103	0.041184
	50	128	0.051180
Reference Frequency: Lowest channel=2503.5MHz(15MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	165	0.065908
	-20	132	0.052726
	-10	135	0.053925
	0	148	0.059117
	10	150	0.059916
	20	122	0.048732
	30	104	0.041542
	40	116	0.046335
	50	158	0.063112
Reference Frequency: Lowest channel=2506.0MHz(20MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	171	0.068236
	-20	123	0.049082
	-10	133	0.053073
	0	136	0.054270
	10	144	0.057462
	20	150	0.059856
	30	155	0.061852
	40	102	0.040702
	50	117	0.046688

Reference Frequency: Lowest channel=2498.5MHz(5MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	174	0.069642
	-20	145	0.058035
	-10	132	0.052832
	0	126	0.050430
	10	108	0.043226
	20	127	0.050830
	30	136	0.054433
	40	159	0.063638
	50	128	0.051231
Reference Frequency: Lowest channel=2501.0MHz(10MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	163	0.065174
	-20	120	0.047981
	-10	114	0.045582
	0	126	0.050380
	10	135	0.053978
	20	145	0.057977
	30	140	0.055978
	40	122	0.048780
	50	115	0.045982
Reference Frequency: Lowest channel=2503.5MHz(15MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	105	0.041941
	-20	114	0.045536
	-10	136	0.054324
	0	122	0.048732
	10	126	0.050330
	20	133	0.053126
	30	101	0.040344
	40	118	0.047134
	50	141	0.056321
Reference Frequency: Lowest channel=2506.0MHz(20MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	177	0.070630
	-20	111	0.044294
	-10	123	0.049082
	0	136	0.054270
	10	151	0.060255
	20	143	0.057063
	30	166	0.066241
	40	120	0.047885
	50	149	0.059457

Antenna port: ANT 1			
Reference Frequency: Lowest channel=2498.5MHz(5MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	166	0.066440
	-20	123	0.049230
	-10	133	0.053232
	0	155	0.062037
	10	121	0.048429
	20	144	0.057635
	30	148	0.059236
	40	102	0.040824
	50	116	0.046428
Reference Frequency: Lowest channel=2501.0MHz(10MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	133	0.053179
	-20	135	0.053978
	-10	161	0.064374
	0	121	0.048381
	10	100	0.039984
	20	144	0.057577
	30	150	0.059976
	40	155	0.061975
	50	103	0.041184
Reference Frequency: Lowest channel=2503.5MHz(15MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	153	0.061114
	-20	136	0.054324
	-10	122	0.048732
	0	144	0.057519
	10	148	0.059117
	20	123	0.049131
	30	100	0.039944
	40	105	0.041941
	50	118	0.047134
Reference Frequency: Lowest channel=2506.0MHz(20MHz for QPSK)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	166	0.066241
	-20	163	0.065044
	-10	151	0.060255
	0	150	0.059856
	10	132	0.052674
	20	134	0.053472
	30	105	0.041899
	40	115	0.045890
	50	102	0.040702

Reference Frequency: Lowest channel=2498.5MHz(5MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	133	0.053232
	-20	136	0.054433
	-10	122	0.048829
	0	144	0.057635
	10	150	0.060036
	20	158	0.063238
	30	100	0.040024
	40	108	0.043226
	50	115	0.046028
Reference Frequency: Lowest channel=2501.0MHz(10MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	165	0.065974
	-20	132	0.052779
	-10	135	0.053978
	0	144	0.057577
	10	140	0.055978
	20	126	0.050380
	30	128	0.051180
	40	115	0.045982
	50	108	0.043183
Reference Frequency: Lowest channel=2503.5MHz(15MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	160	0.063911
	-20	132	0.052726
	-10	135	0.053925
	0	121	0.048332
	10	124	0.049531
	20	102	0.040743
	30	106	0.042341
	40	115	0.045936
	50	113	0.045137
Reference Frequency: Lowest channel=2506.0MHz(20MHz for 16QAM)			
Power supplied (Vac)	Temperature (°C)	Frequency error	
		Hz	ppm
120	-30	151	0.060255
	-20	150	0.059856
	-10	132	0.052674
	0	134	0.053472
	10	145	0.057861
	20	149	0.059457
	30	101	0.040303
	40	112	0.044693
	50	125	0.049880

6.7 Frequency stability V.S. Voltage measurement

Test Requirement:	Part 27.54																																																																														
Test Method:	FCC Part 2.1055(a)(1)(b)																																																																														
Limit:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th rowspan="2">Fixed and base stations (ppm)</th><th colspan="2">Mobile stations (ppm)</th></tr><tr><th>Over 2 watts output power</th><th>2 watts or less output power</th></tr><tr><td>Below 25</td><td>100</td><td>100</td><td>200</td></tr><tr><td>25-50</td><td>20</td><td>20</td><td>50</td></tr><tr><td>72-76</td><td>5</td><td></td><td>50</td></tr><tr><td>150-174</td><td>5</td><td>5</td><td>50</td></tr><tr><td>216-220</td><td>1.0</td><td></td><td>1.0</td></tr><tr><td>220-222</td><td>0.1</td><td>1.5</td><td>1.5</td></tr><tr><td>421-512</td><td>2.5</td><td>5</td><td>5</td></tr><tr><td>806-809</td><td>1.0</td><td>1.5</td><td>1.5</td></tr><tr><td>809-824</td><td>1.5</td><td>2.5</td><td>2.5</td></tr><tr><td>851-854</td><td>1.0</td><td>1.5</td><td>1.5</td></tr><tr><td>854-869</td><td>1.5</td><td>2.5</td><td>2.5</td></tr><tr><td>896-901</td><td>0.1</td><td>1.5</td><td>1.5</td></tr><tr><td>902-928</td><td>2.5</td><td>2.5</td><td>2.5</td></tr><tr><td>902-928</td><td>2.5</td><td>2.5</td><td>2.5</td></tr><tr><td>929-930</td><td>1.5</td><td></td><td></td></tr><tr><td>935-940</td><td>0.1</td><td>1.5</td><td>1.5</td></tr><tr><td>1427-1435</td><td>300</td><td>300</td><td>300</td></tr><tr><td>Above 2450</td><td></td><td></td><td></td></tr></table>	Frequency range (MHz)	Fixed and base stations (ppm)	Mobile stations (ppm)		Over 2 watts output power	2 watts or less output power	Below 25	100	100	200	25-50	20	20	50	72-76	5		50	150-174	5	5	50	216-220	1.0		1.0	220-222	0.1	1.5	1.5	421-512	2.5	5	5	806-809	1.0	1.5	1.5	809-824	1.5	2.5	2.5	851-854	1.0	1.5	1.5	854-869	1.5	2.5	2.5	896-901	0.1	1.5	1.5	902-928	2.5	2.5	2.5	902-928	2.5	2.5	2.5	929-930	1.5			935-940	0.1	1.5	1.5	1427-1435	300	300	300	Above 2450			
Frequency range (MHz)	Fixed and base stations (ppm)			Mobile stations (ppm)																																																																											
		Over 2 watts output power	2 watts or less output power																																																																												
Below 25	100	100	200																																																																												
25-50	20	20	50																																																																												
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150-174	5	5	50																																																																												
216-220	1.0		1.0																																																																												
220-222	0.1	1.5	1.5																																																																												
421-512	2.5	5	5																																																																												
806-809	1.0	1.5	1.5																																																																												
809-824	1.5	2.5	2.5																																																																												
851-854	1.0	1.5	1.5																																																																												
854-869	1.5	2.5	2.5																																																																												
896-901	0.1	1.5	1.5																																																																												
902-928	2.5	2.5	2.5																																																																												
902-928	2.5	2.5	2.5																																																																												
929-930	1.5																																																																														
935-940	0.1	1.5	1.5																																																																												
1427-1435	300	300	300																																																																												
Above 2450																																																																															
Test setup:	Spectrum analyzer  Att. Temperature Chamber EUT  Variable Power Supply Note : Measurement setup for testing on Antenna connector																																																																														
Test procedure:	1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.																																																																														
Test Instruments:	Refer to section 5.9 for details																																																																														
Test mode:	Refer to section 5.3 for details																																																																														
Test results:	Passed																																																																														
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.																																																																														

test data (worst channel):

Antenna port: ANT 0			
Reference Frequency: Lowest channel=2498.5MHz(5MHz for QPSK)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	99	0.039624
	120	56	0.022413
	138	65	0.026016
Reference Frequency: Lowest channel=2501.0MHz(10MHz for QPSK)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	87	0.034786
	120	59	0.023591
	138	69	0.027589
Reference Frequency: Lowest channel=2503.5MHz(15MHz for QPSK)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	90	0.035950
	120	65	0.025964
	138	80	0.031955
Reference Frequency: Lowest channel=2506.0MHz(20MHz for QPSK)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	98	0.039106
	120	65	0.025938
	138	80	0.031923

Reference Frequency: Lowest channel=2498.5MHz(5MHz for 16QAM)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	99	0.039624
	120	80	0.032019
	138	74	0.029618
Reference Frequency: Lowest channel=2501.0MHz(10MHz for 16QAM)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	68	0.027189
	120	90	0.035986
	138	71	0.028389
Reference Frequency: Lowest channel=2503.5MHz(15MHz for 16QAM)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	55	0.021969
	120	80	0.031955
	138	90	0.035950
Reference Frequency: Lowest channel=2506.0MHz(20MHz for 16QAM)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	99	0.039505
	120	94	0.037510
	138	80	0.031923

Antenna port: ANT 1			
Reference Frequency: Lowest channel=2498.5MHz(5MHz for QPSK)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	98	0.039224
	120	80	0.032019
	138	74	0.029618
Reference Frequency: Lowest channel=2501.0MHz(10MHz for QPSK)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	90	0.035986
	120	65	0.025990
	138	81	0.032387
Reference Frequency: Lowest channel=2503.5MHz(15MHz for QPSK)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	95	0.037947
	120	80	0.031955
	138	71	0.028360
Reference Frequency: Lowest channel=2506.0MHz(20MHz for QPSK)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	96	0.038308
	120	80	0.031923
	138	56	0.022346

Reference Frequency: Lowest channel=2498.5MHz(5MHz for 16QAM)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	98	0.039224
	120	90	0.036022
	138	56	0.022413
Reference Frequency: Lowest channel=2501.0MHz(10MHz for 16QAM)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	80	0.031987
	120	74	0.029588
	138	88	0.035186
Reference Frequency: Lowest channel=2503.5MHz(15MHz for 16QAM)			
Temperature (°C)	Power supplied (Vac)	Frequency error	
		Hz	ppm
25	102	90	0.035950
	120	65	0.025964
	138	84	0.033553
Reference Frequency: Lowest channel=2506.0MHz(20MHz for 16QAM)			
Temperature (°C)	Power supplied (Vdc)	Frequency error	
		Hz	ppm
25	102	97	0.038707
	120	81	0.032322
	138	71	0.028332