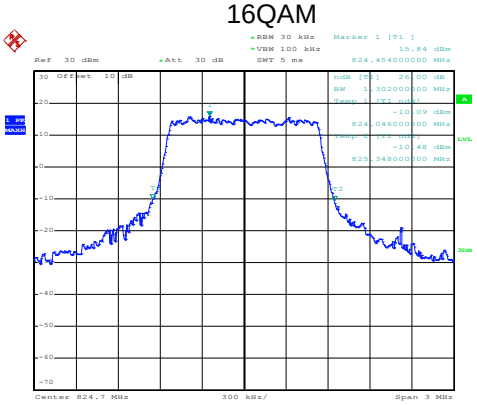
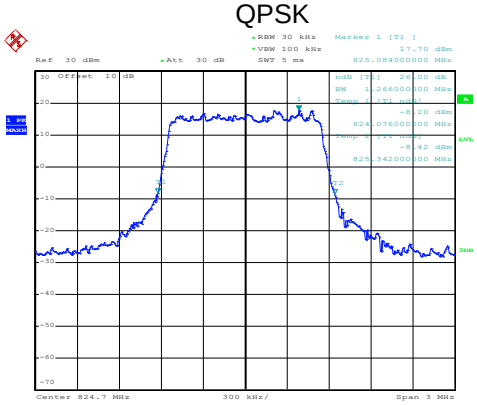
LTE Band 5: -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 6.DEC.2019 13:14:37

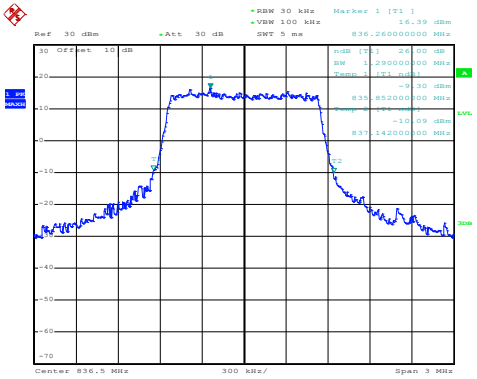
QPSK



Date: 6.DEC.2019 13:14:15

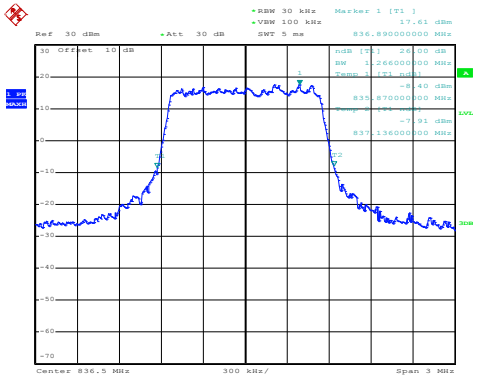
Lowest channel

16QAM



Date: 6.DEC.2019 13:12:58

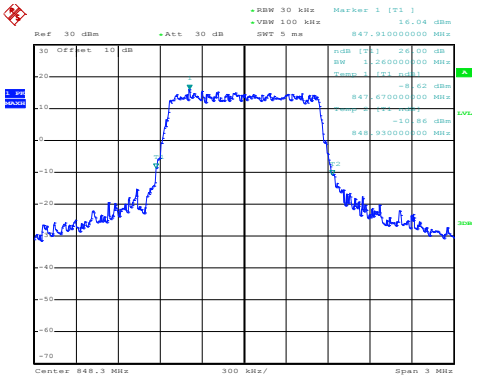
QPSK



Date: 6.DEC.2019 13:12:42

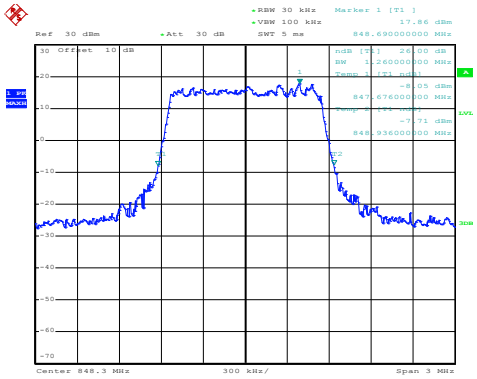
Middle channel

16QAM



Date: 6.DEC.2019 13:15:43

QPSK

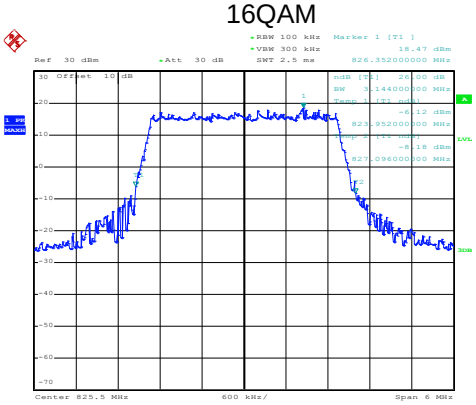


Date: 6.DEC.2019 13:15:36

Highest channel

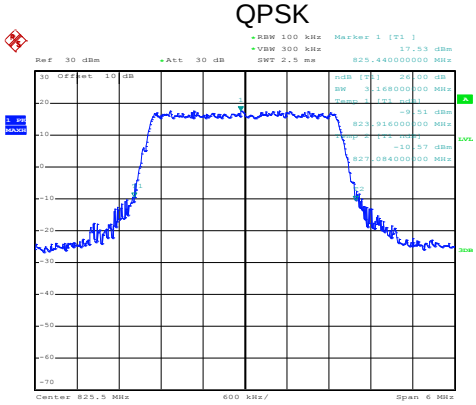
LTE Band 5: -26dBc bandwidth
BW: 3MHz

16QAM



Date: 6.DEC.2019 13:17:24

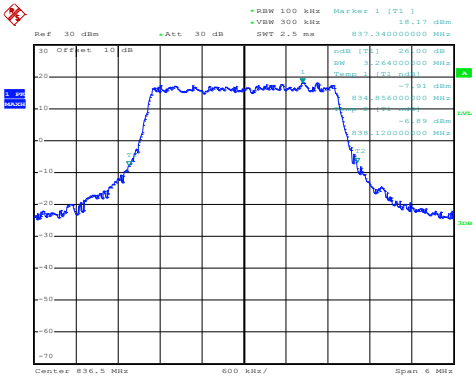
QPSK



Date: 6.DEC.2019 13:17:10

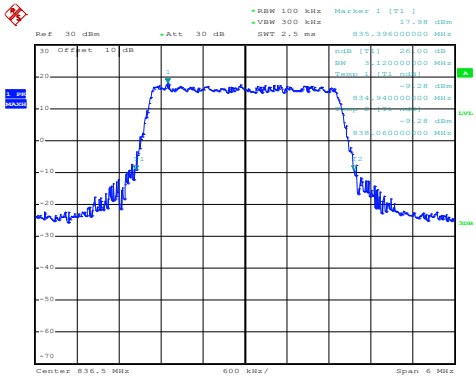
Lowest channel

16QAM



Date: 6.DEC.2019 13:18:45

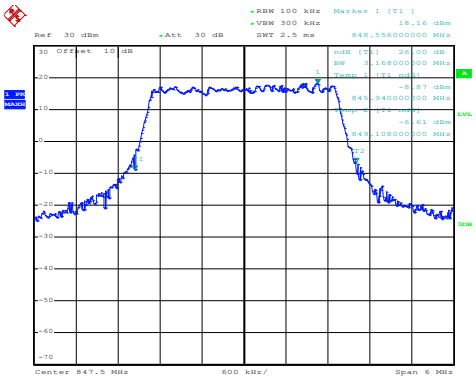
QPSK



Date: 6.DEC.2019 13:18:10

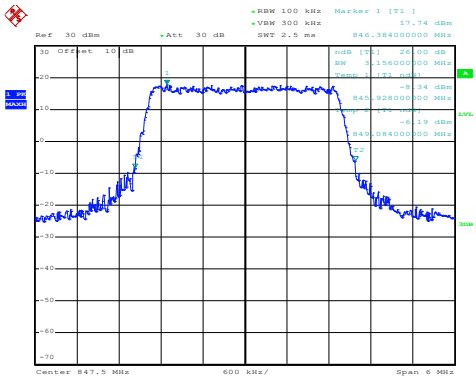
Middle channel

16QAM



Date: 6.DEC.2019 13:20:16

QPSK

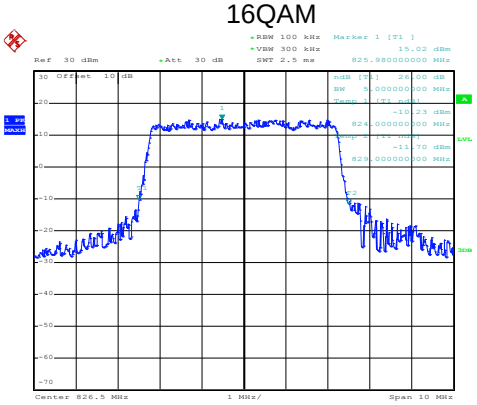


Date: 6.DEC.2019 13:19:43

Highest channel

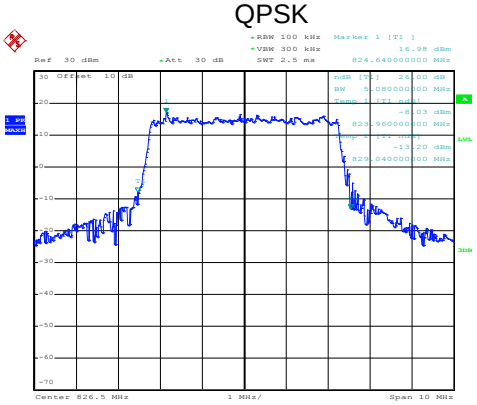
LTE Band 5: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 6.DEC.2019 13:22:28

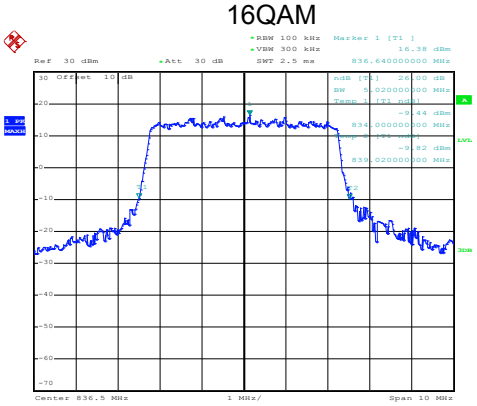
QPSK



Date: 6.DEC.2019 13:22:13

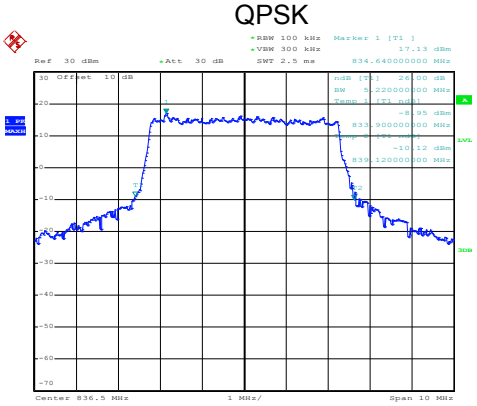
Lowest channel

16QAM



Date: 6.DEC.2019 13:25:00

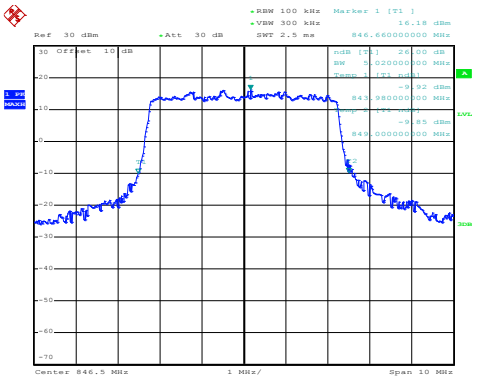
QPSK



Date: 6.DEC.2019 13:24:29

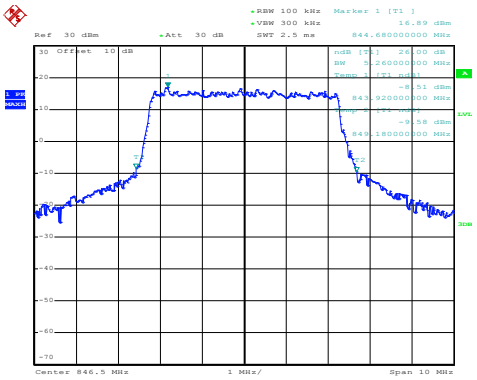
Middle channel

16QAM



Date: 6.DEC.2019 13:27:14

QPSK

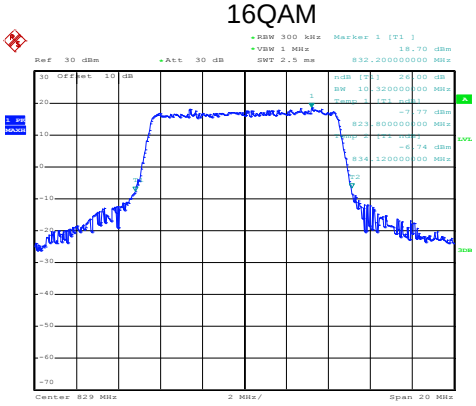


Date: 6.DEC.2019 13:26:25

Highest channel

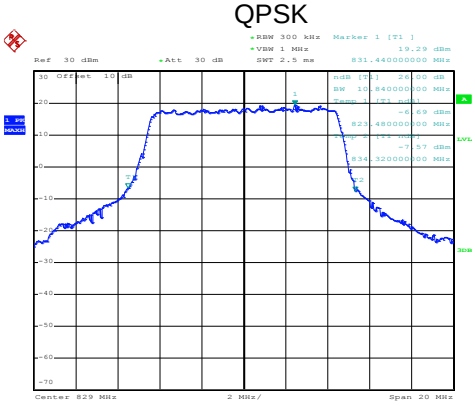
LTE Band 5: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 6.DEC.2019 13:30:43

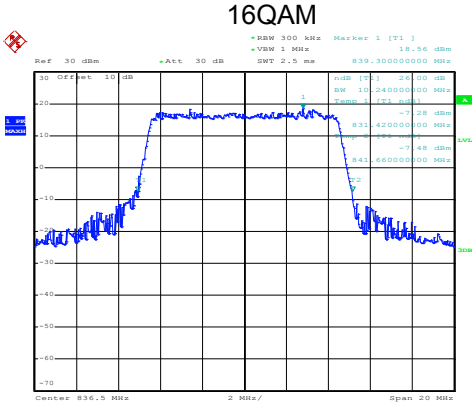
QPSK



Date: 6.DEC.2019 13:30:19

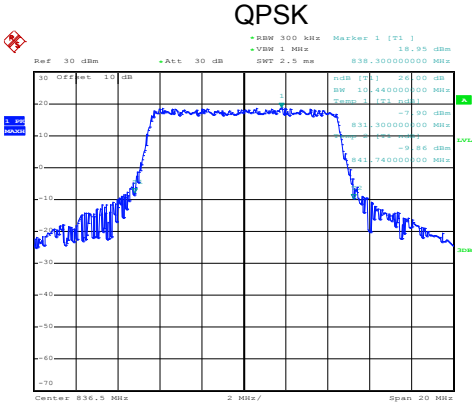
Lowest channel

16QAM



Date: 6.DEC.2019 13:32:31

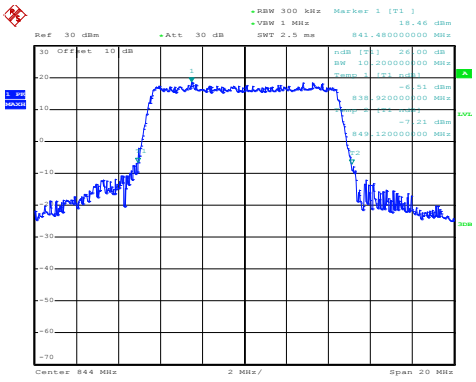
QPSK



Date: 6.DEC.2019 13:32:16

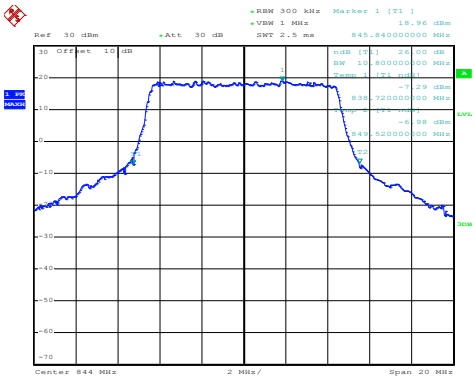
Middle channel

16QAM



Date: 6.DEC.2019 13:35:33

QPSK



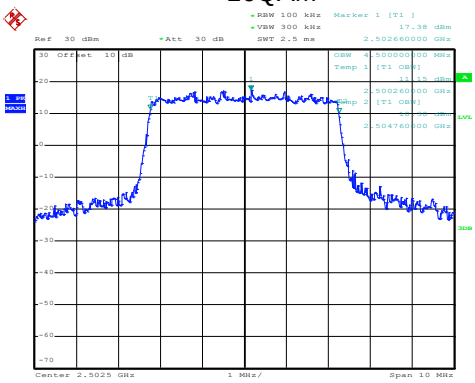
Date: 6.DEC.2019 13:35:17

Highest channel

LTE-Band 7 part:

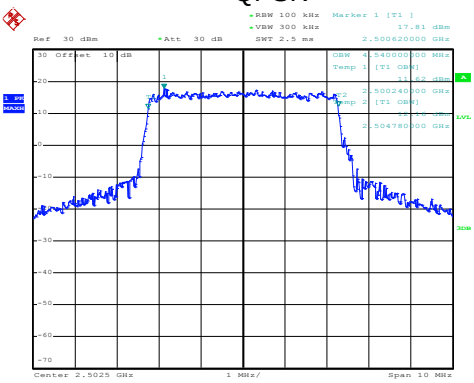
LTE Band 7: 99% Occupy bandwidth
BW: 5MHz

16QAM



Date: 6.DEC.2019 13:42:37

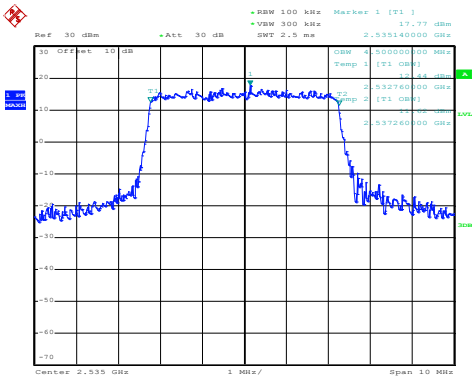
QPSK



Date: 6.DEC.2019 13:41:20

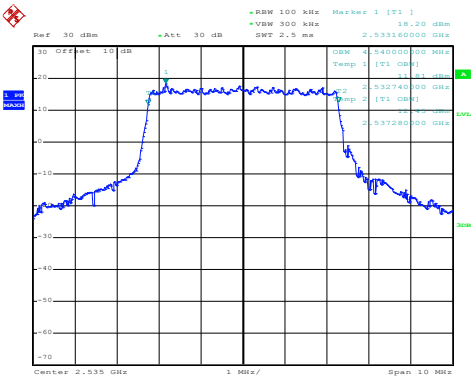
Lowest channel

16QAM



Date: 6.DEC.2019 13:40:44

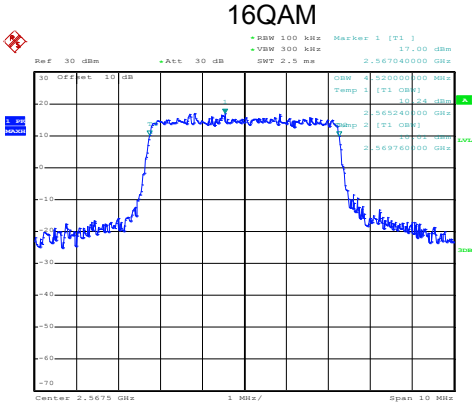
QPSK



Date: 6.DEC.2019 13:38:50

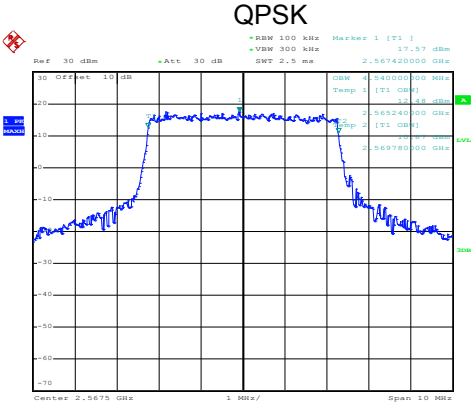
Middle channel

16QAM



Date: 6.DEC.2019 13:44:22

QPSK

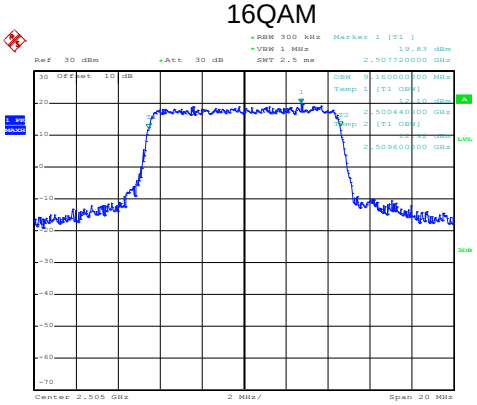


Date: 6.DEC.2019 13:43:21

Highest channel

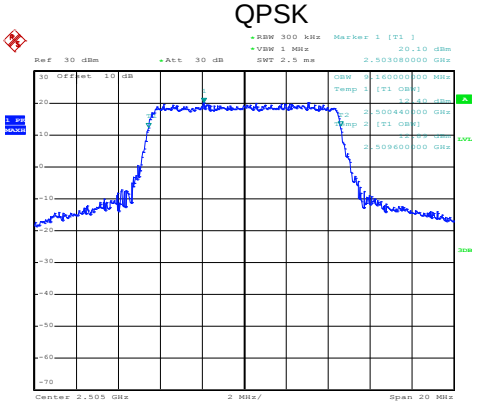
LTE Band 7: 99% Occupy bandwidth
BW: 10MHz

16QAM



Date: 6.DEC.2019 13:46:14

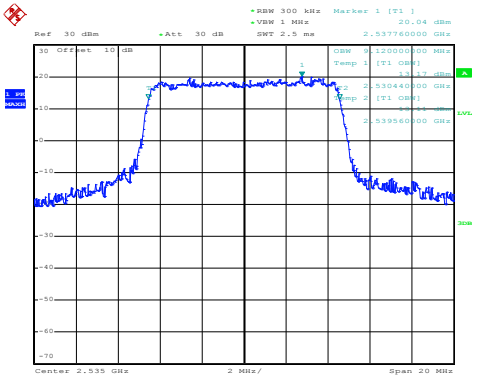
QPSK



Date: 6.DEC.2019 13:45:21

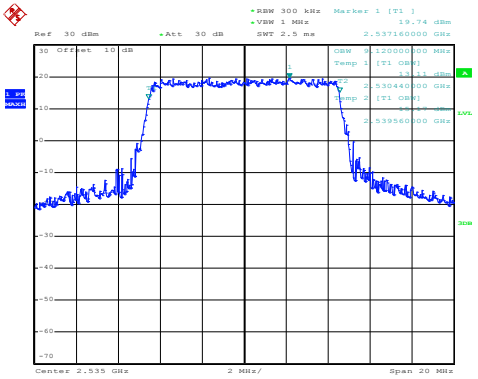
Lowest channel

16QAM



Date: 6.DEC.2019 13:47:28

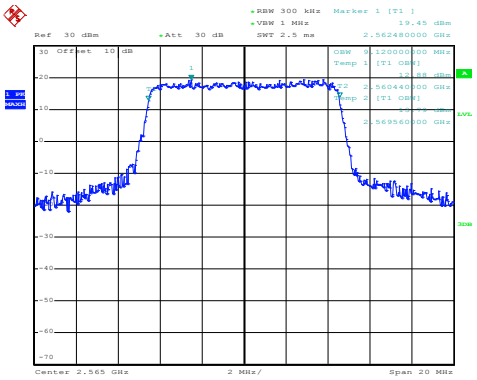
QPSK



Date: 6.DEC.2019 13:46:37

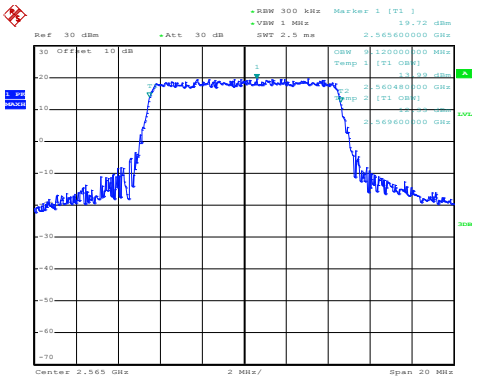
Middle channel

16QAM



Date: 6.DEC.2019 13:48:24

QPSK

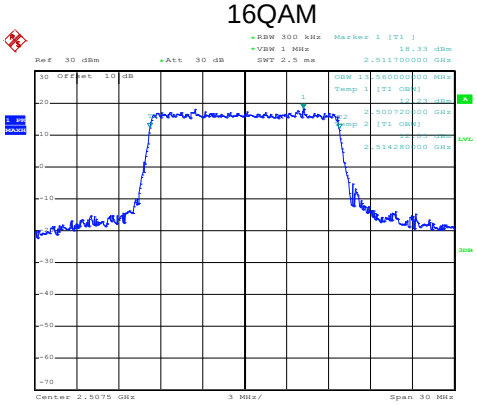


Date: 6.DEC.2019 13:47:53

Highest channel

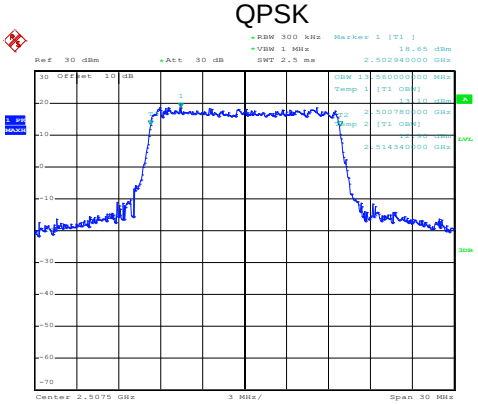
LTE Band 7: 99% Occupy bandwidth
BW: 15MHz

16QAM



Date: 6.DEC.2019 13:50:01

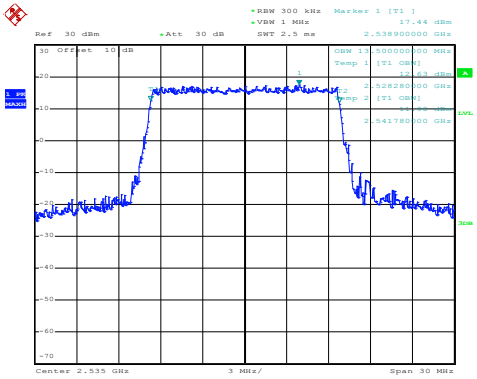
QPSK



Date: 6.DEC.2019 13:49:14

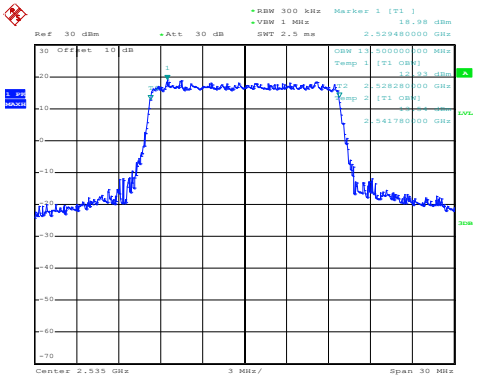
Lowest channel

16QAM



Date: 6.DEC.2019 13:51:07

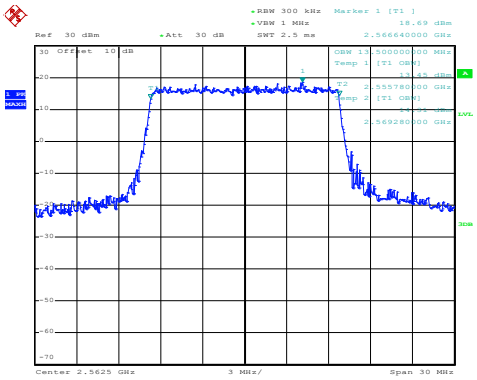
QPSK



Date: 6.DEC.2019 13:50:28

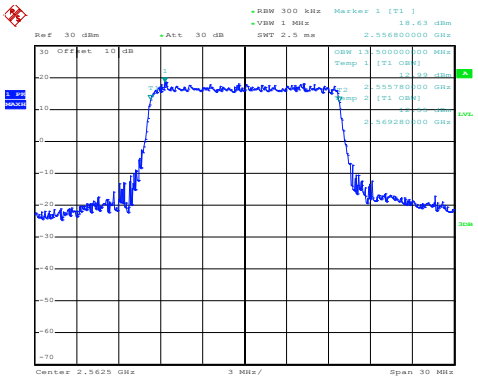
Middle channel

16QAM



Date: 6.DEC.2019 13:53:04

QPSK

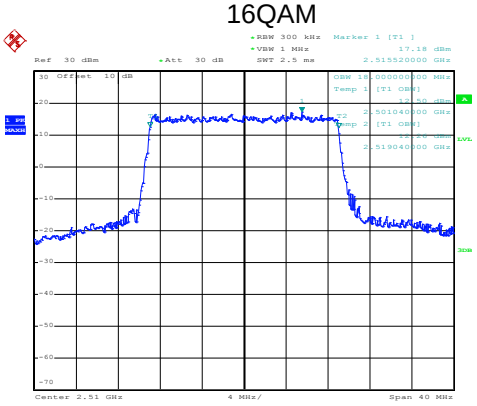


Date: 6.DEC.2019 13:51:30

Highest channel

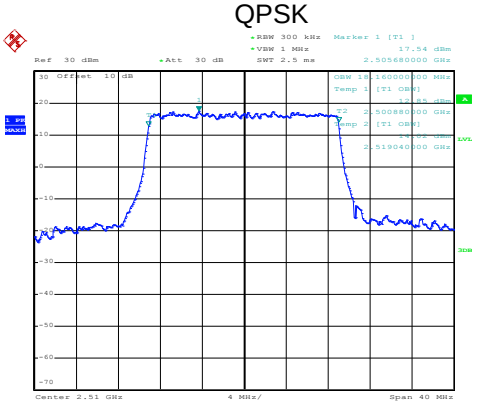
LTE Band 7: 99% Occupy bandwidth
BW: 20MHz

16QAM



Date: 6.DEC.2019 13:58:28

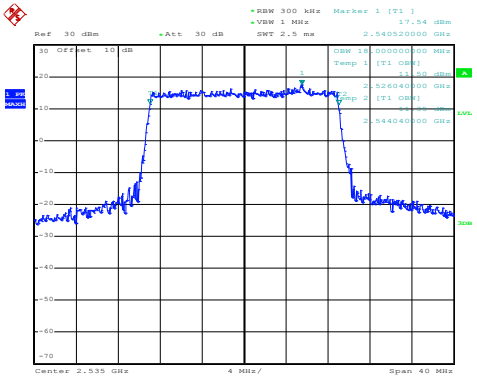
QPSK



Date: 6.DEC.2019 13:57:24

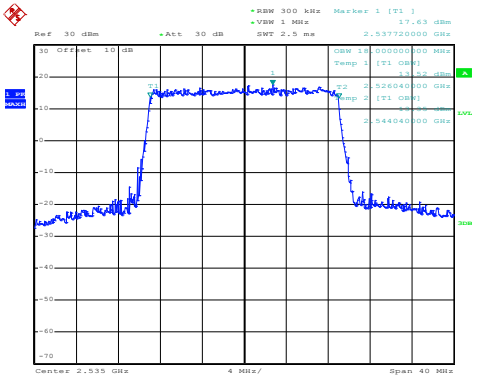
Lowest channel

16QAM



Date: 6.DEC.2019 14:00:13

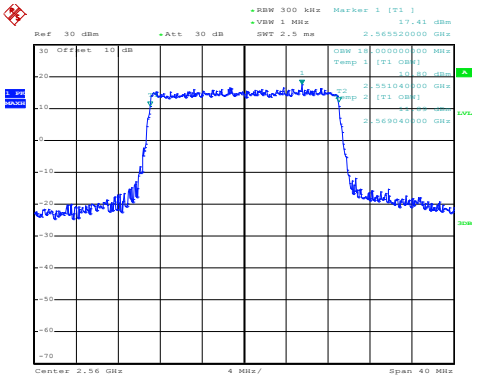
QPSK



Date: 6.DEC.2019 13:58:52

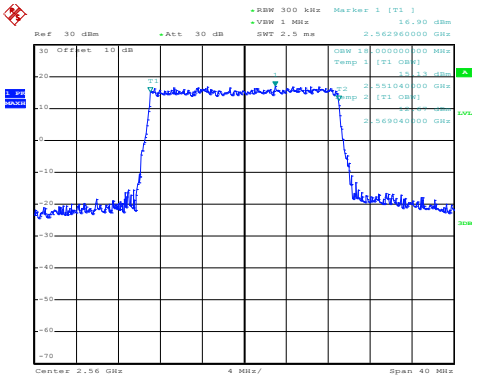
Middle channel

16QAM



Date: 6.DEC.2019 14:01:09

QPSK

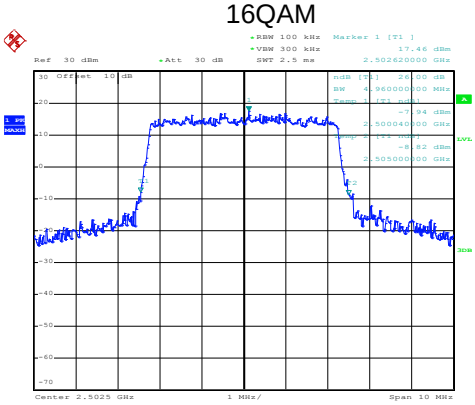


Date: 6.DEC.2019 14:00:35

Highest channel

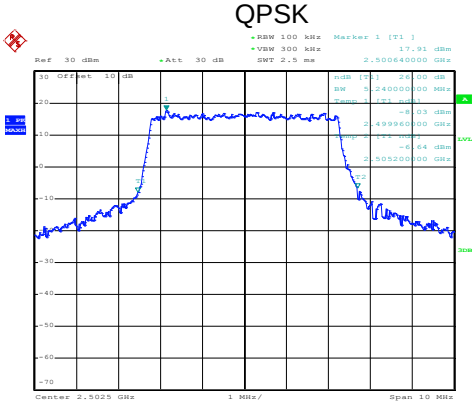
LTE Band 7: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 6.DEC.2019 13:42:20

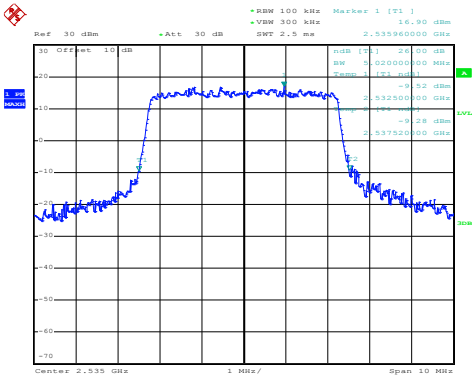
QPSK



Date: 6.DEC.2019 13:42:09

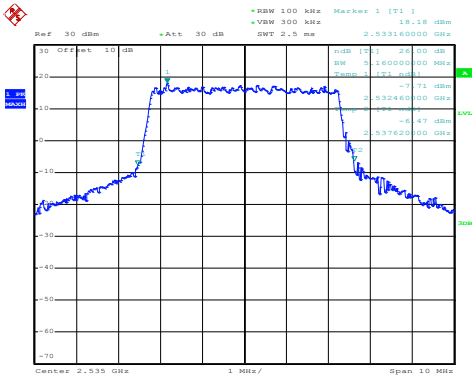
Lowest channel

16QAM



Date: 6.DEC.2019 13:40:26

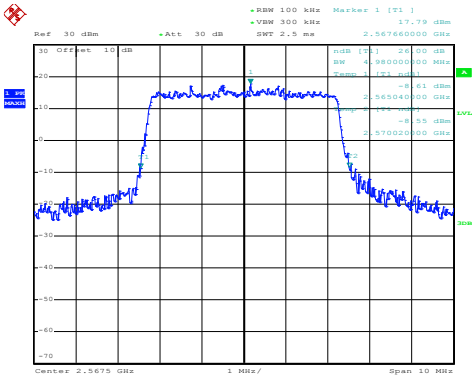
QPSK



Date: 6.DEC.2019 13:40:03

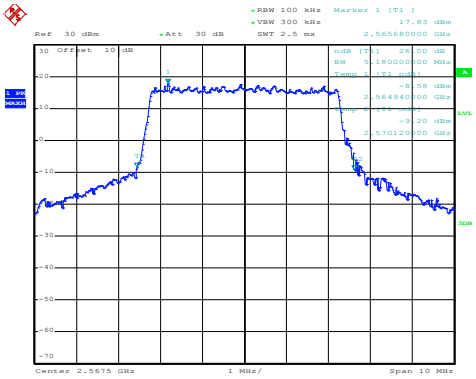
Middle channel

16QAM



Date: 6.DEC.2019 13:44:11

QPSK

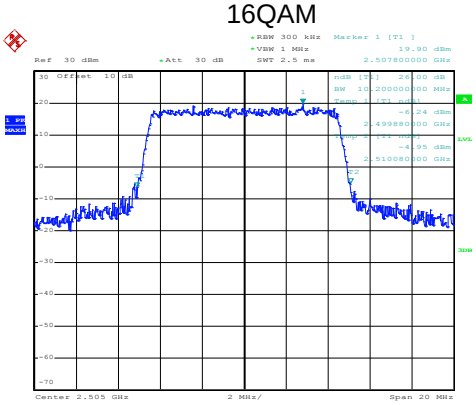


Date: 6.DEC.2019 13:44:00

Highest channel

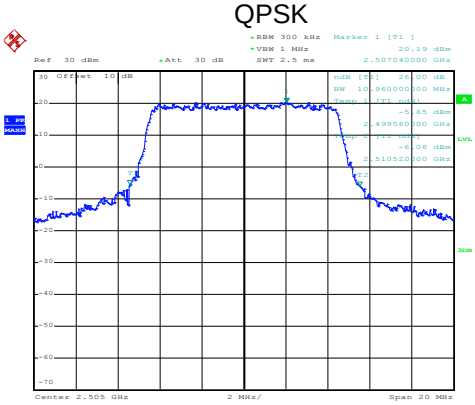
LTE Band 7: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 6.DEC.2019 13:46:02

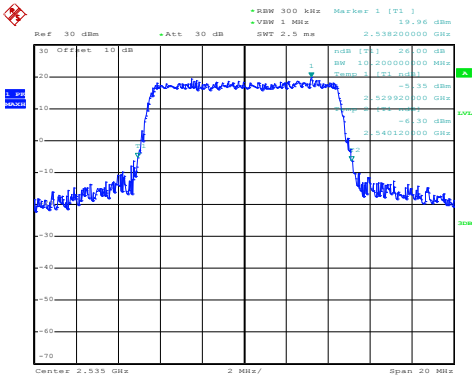
QPSK



Date: 6.DEC.2019 13:45:53

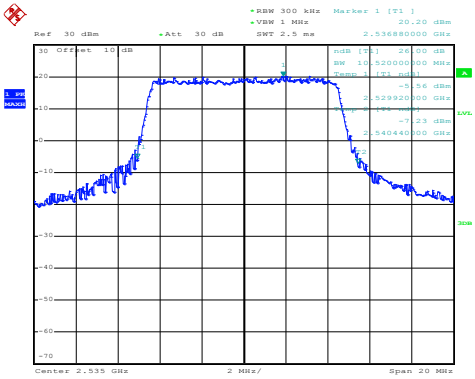
Lowest channel

16QAM



Date: 6.DEC.2019 13:47:13

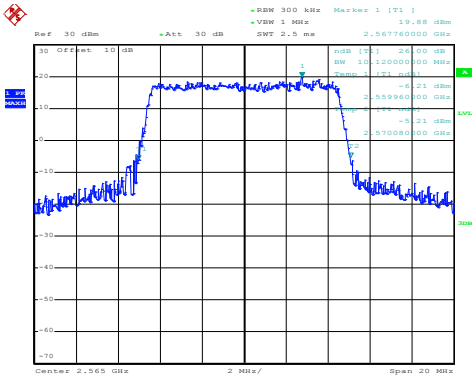
QPSK



Date: 6.DEC.2019 13:47:02

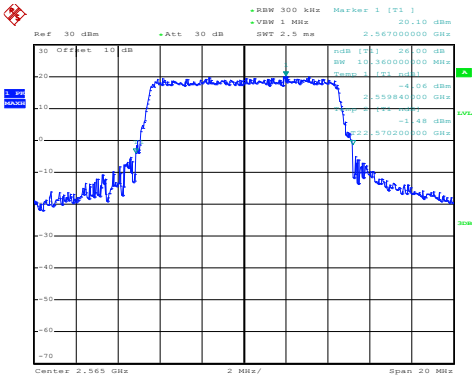
Middle channel

16QAM



Date: 6.DEC.2019 13:48:12

QPSK

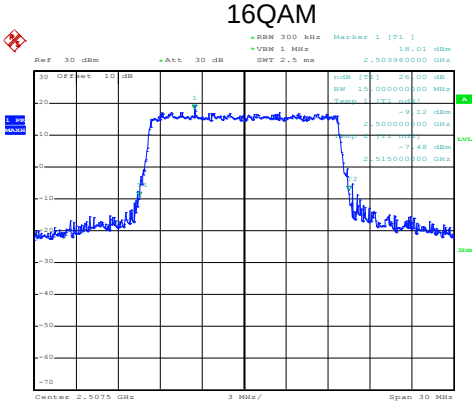


Date: 6.DEC.2019 13:48:04

Highest channel

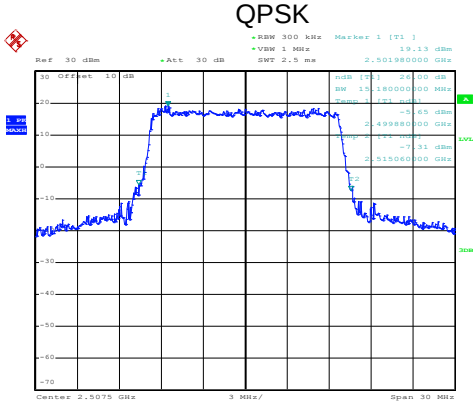
LTE Band 7: -26dBc bandwidth
BW: 15MHz

16QAM



Date: 6.DEC.2019 13:49:37

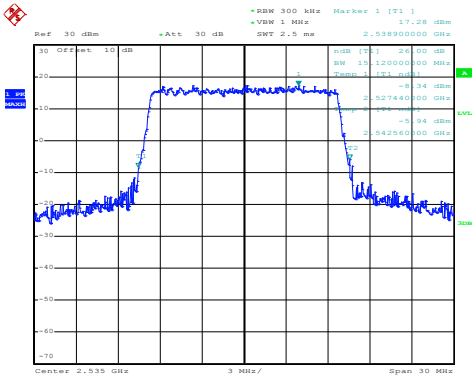
QPSK



Date: 6.DEC.2019 13:49:26

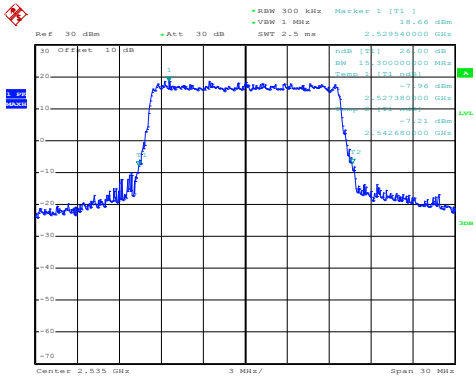
Lowest channel

16QAM



Date: 6.DEC.2019 13:50:56

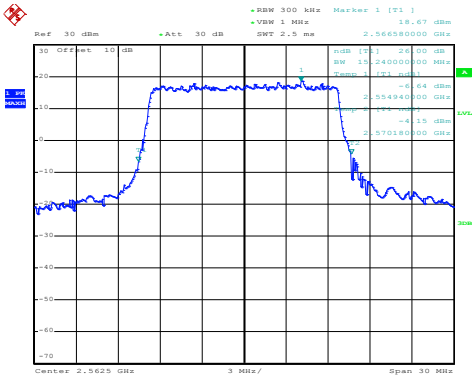
QPSK



Date: 6.DEC.2019 13:50:44

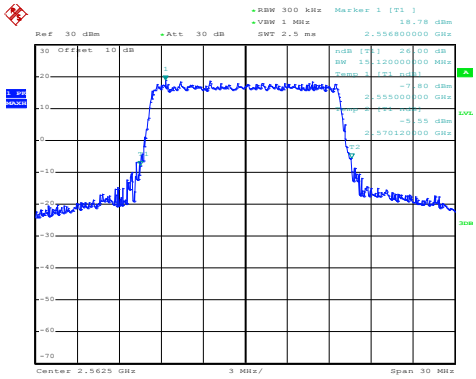
Middle channel

16QAM



Date: 6.DEC.2019 13:52:48

QPSK

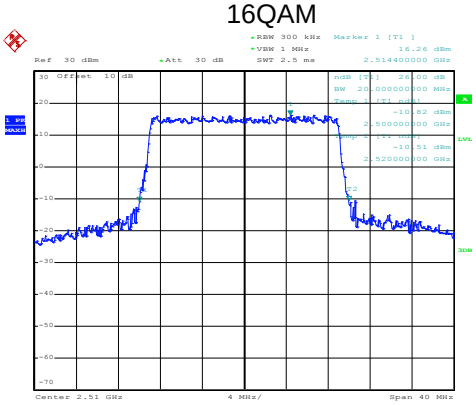


Date: 6.DEC.2019 13:51:44

Highest channel

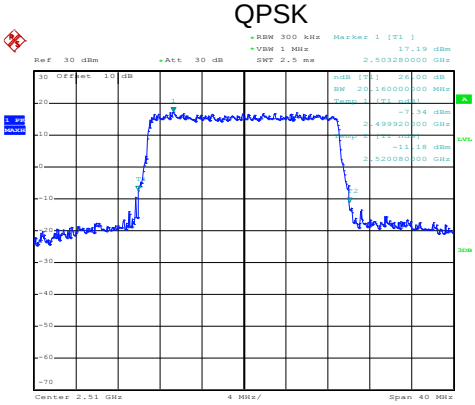
LTE Band 7: -26dBc bandwidth
BW: 20MHz

16QAM



Date: 6.DEC.2019 13:58:02

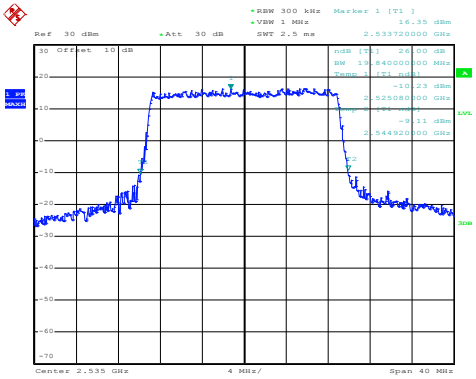
QPSK



Date: 6.DEC.2019 13:57:42

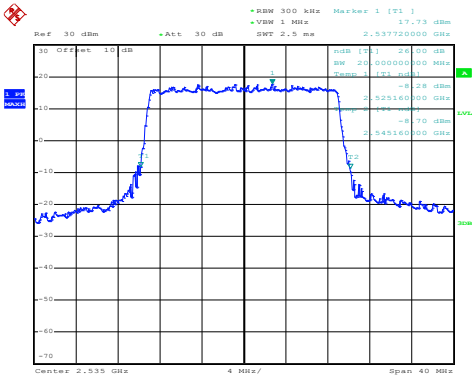
Lowest channel

16QAM



Date: 6.DEC.2019 14:00:01

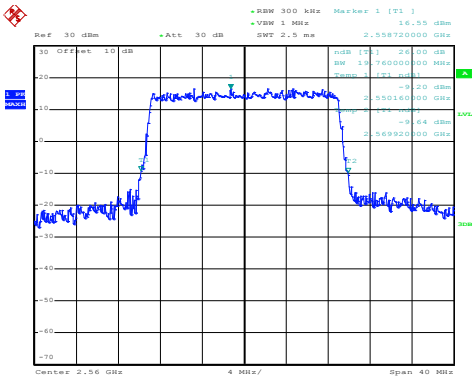
QPSK



Date: 6.DEC.2019 13:59:45

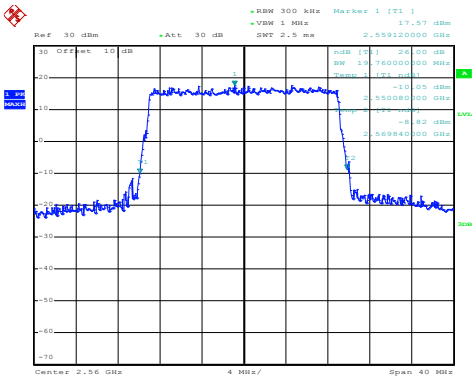
Middle channel

16QAM



Date: 6.DEC.2019 14:00:58

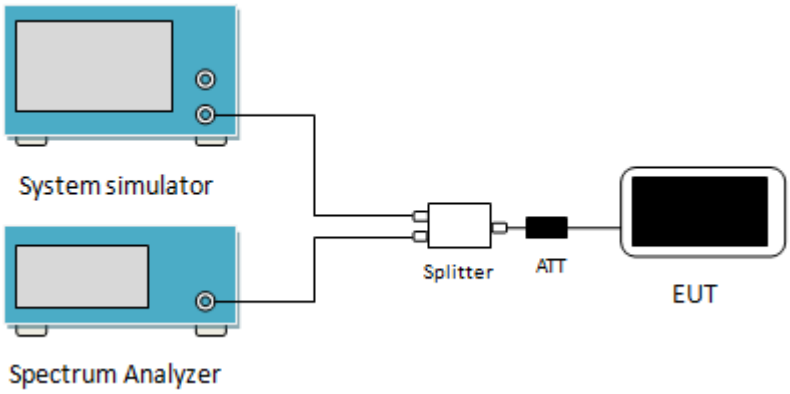
QPSK



Date: 6.DEC.2019 14:00:49

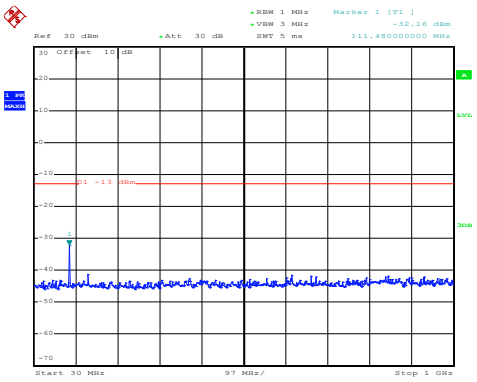
Highest channel

6.4 Out of band emission at antenna terminals

Test Requirement:	Part 22.917(b), Part 24.238 (a), part 27.53(h), Part 27.53(m)
Limit:	LTE Band 2 & 4 & 5: The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$(P) dB (-13 dBm). LTE Band 7: 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 that 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.
Test Setup:	
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 For the out of band: For Band 5 set the RBW=100 kHz, VBW=300 kHz when below 1 GHz, For Band 2/4/7 set the RBW=100 kHz, VBW=300 kHz when below 1 GHz, RBW =1 MHz, VBW=3 MHz when above 1 GHz, Start=30MHz, Stop= 10th harmonic. 3 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	Pre-scan all RB Size and offset, and found the RB Size and offset of worst case, so the report shows only the worst case test data.

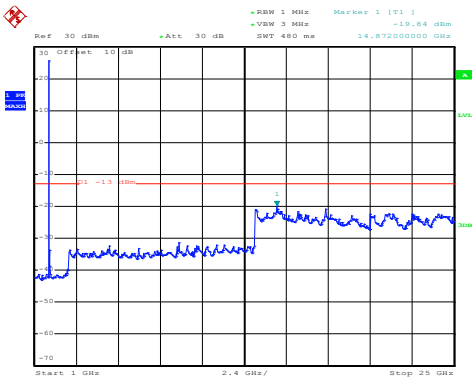
Test plots as follows (Conducted spurious emission) (worst case):
LTE Band 2 part:

LTE Band 2: 16 QAM & RB Size 1
BW: 1.4MHz
Lowest channel



Date: 6.DEC.2019 14:17:17

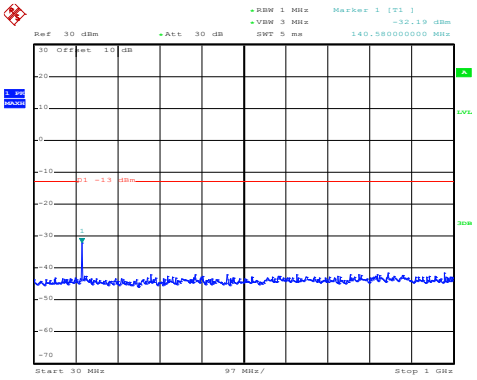
30MHz~1GHz



Date: 6.DEC.2019 14:22:02

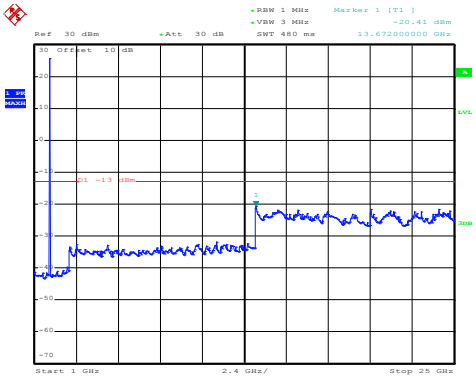
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:17:38

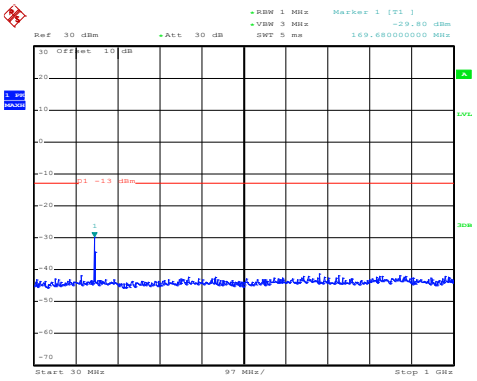
30MHz~1GHz



Date: 6.DEC.2019 14:21:20

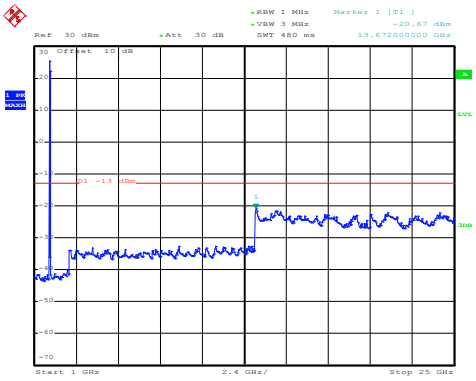
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:17:57

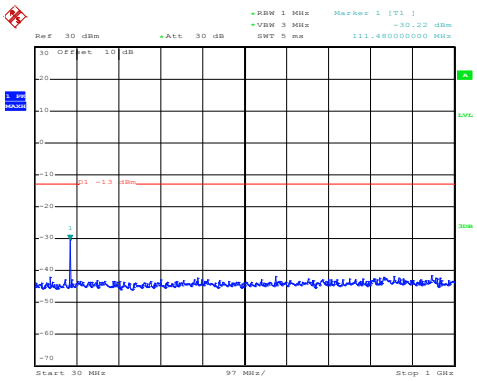
30MHz~1GHz



Date: 6.DEC.2019 14:20:32

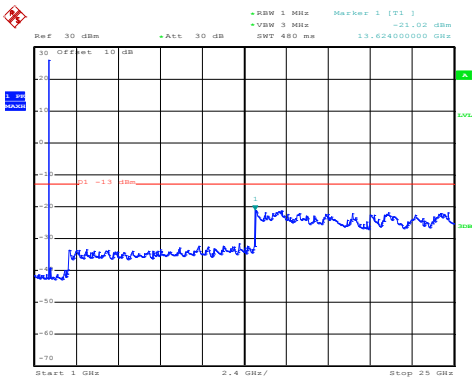
1GHz~25GHz

LTE Band 2: QPSK & RB Size 1
BW: 1.4MHz
Lowest channel



Date: 6.DEC.2019 14:16:16

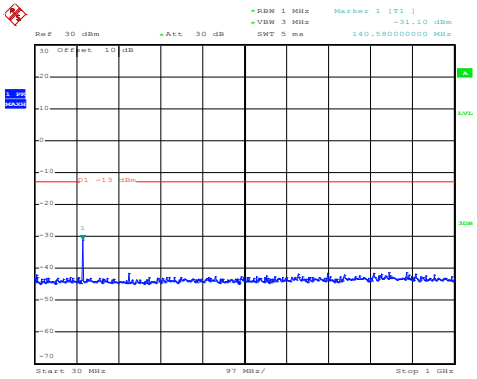
30MHz~1GHz



Date: 6.DEC.2019 14:21:43

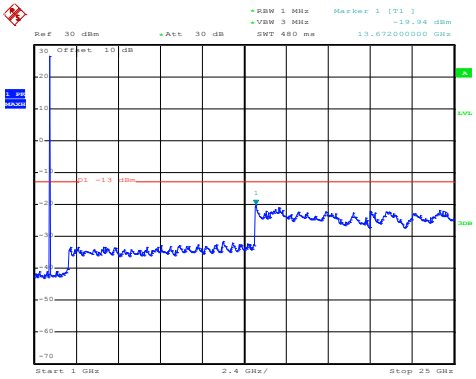
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:15:57

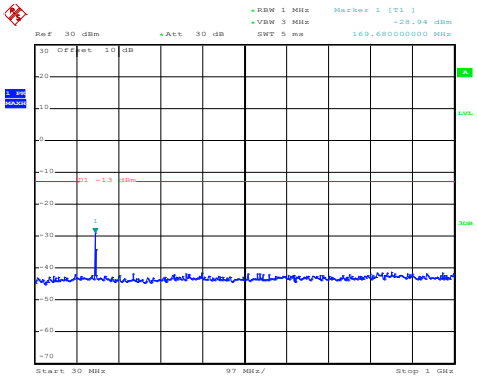
30MHz~1GHz



Date: 6.DEC.2019 14:21:00

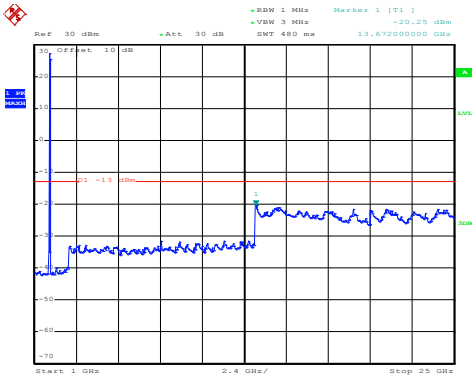
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:15:25

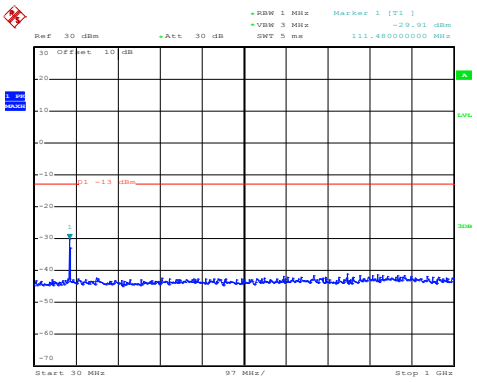
30MHz~1GHz



Date: 6.DEC.2019 14:20:10

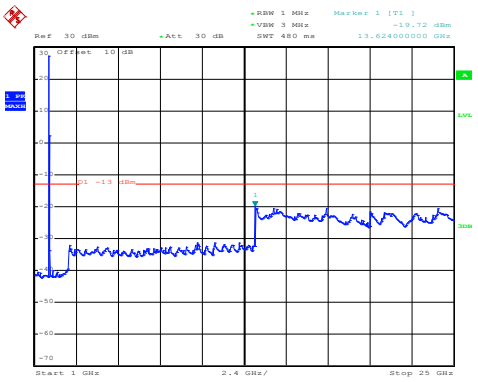
1GHz~25GHz

LTE Band 2: 16 QAM & RB Size 1
BW: 20MHz
Lowest channel



Date: 6.DEC.2019 14:28:38

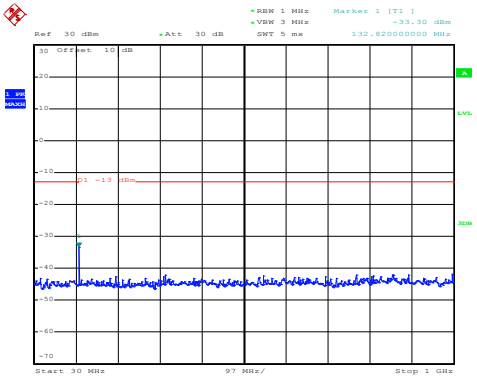
30MHz~1GHz



Date: 6.DEC.2019 14:24:27

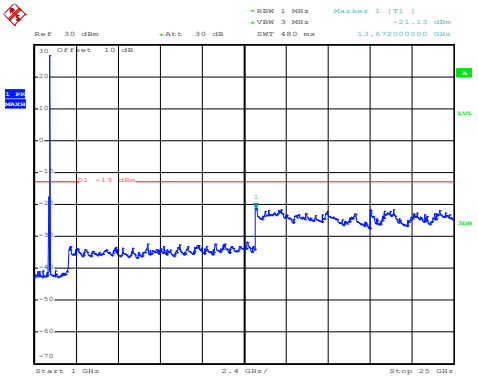
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:27:07

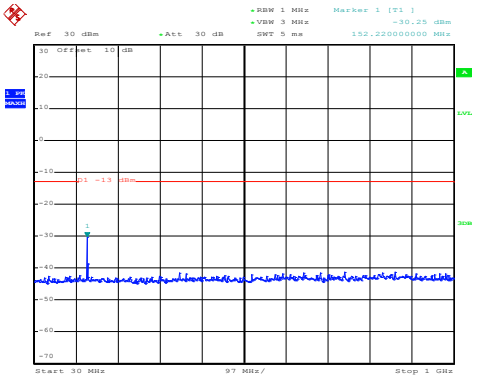
30MHz~1GHz



Date: 6.DEC.2019 14:25:08

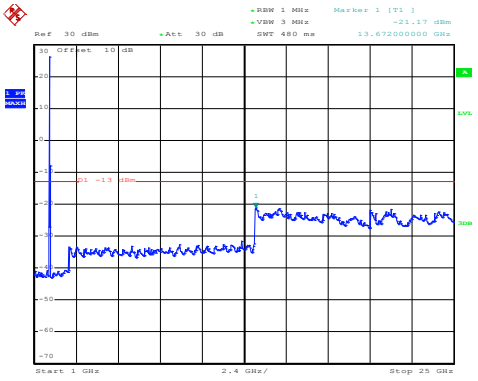
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:26:20

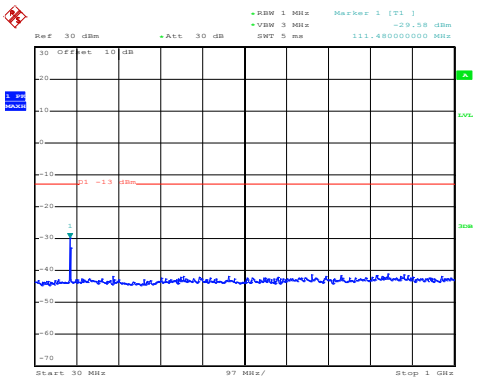
30MHz~1GHz



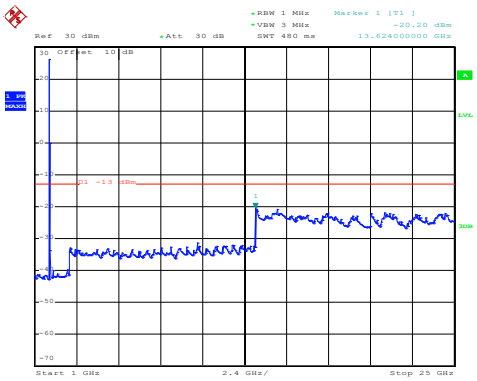
Date: 6.DEC.2019 14:25:46

1GHz~25GHz

LTE Band 2: QPSK & RB Size 1
BW: 20MHz
Lowest channel

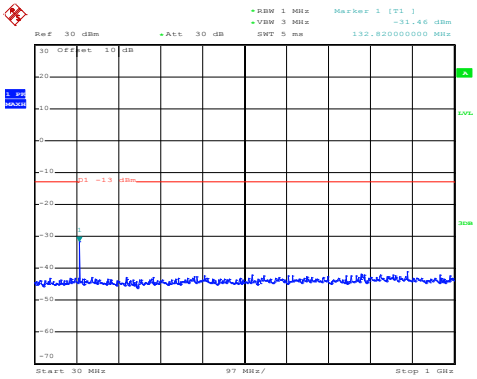


30MHz~1GHz

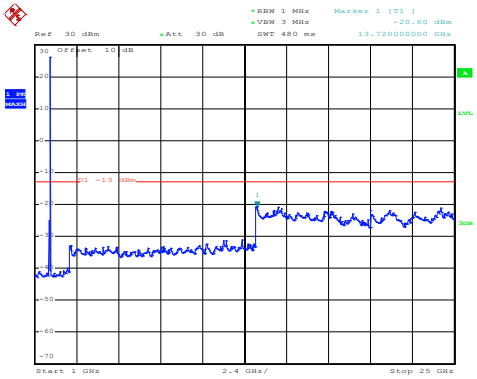


1GHz~25GHz

Middle channel

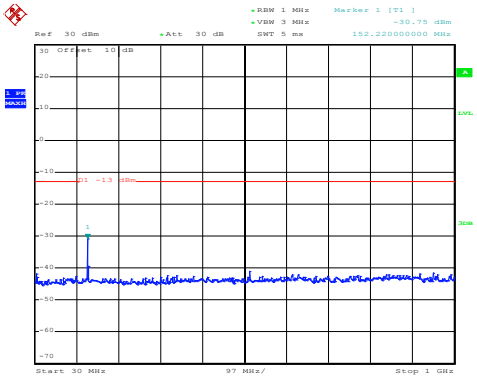


30MHz~1GHz

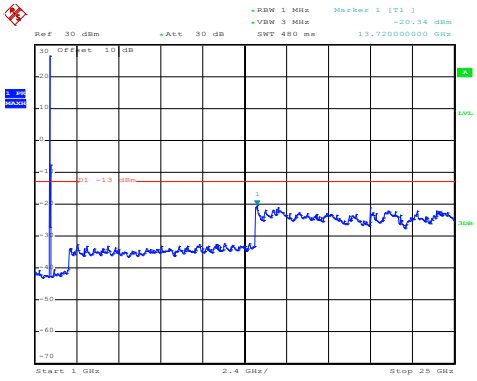


1GHz~25GHz

High channel



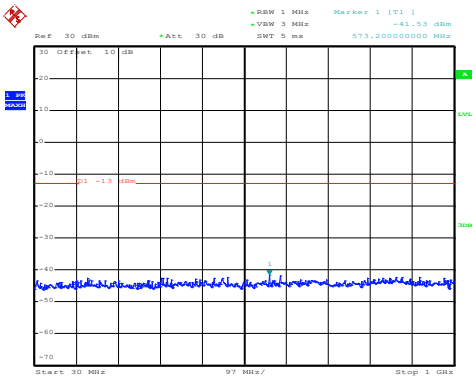
30MHz~1GHz



1GHz~25GHz

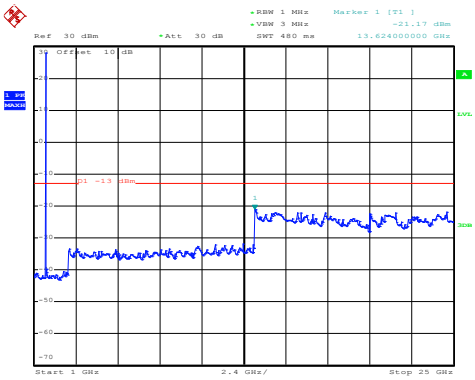
LTE Band 4 part:

LTE Band 4: 16 QAM & RB Size 1
BW: 1.4MHz
Lowest channel



Date: 6.DEC.2019 14:34:04

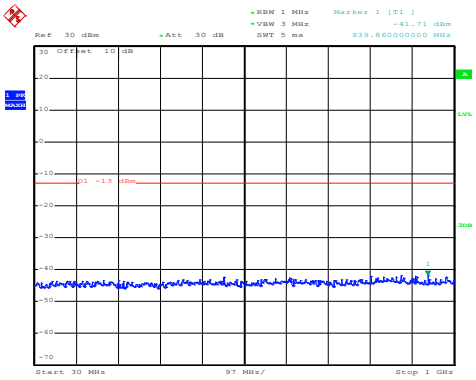
30MHz~1GHz



Date: 6.DEC.2019 14:38:43

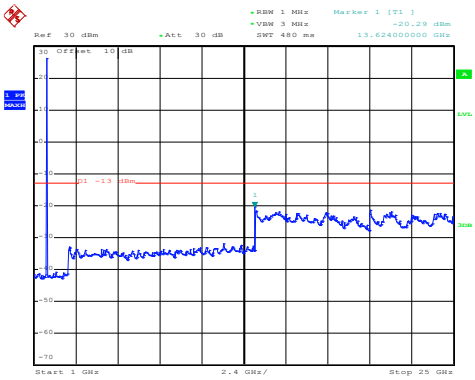
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:34:31

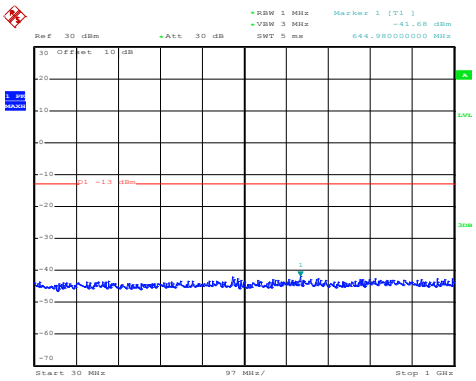
30MHz~1GHz



Date: 6.DEC.2019 14:38:02

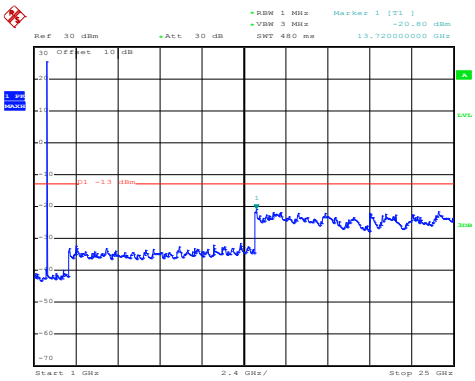
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:35:01

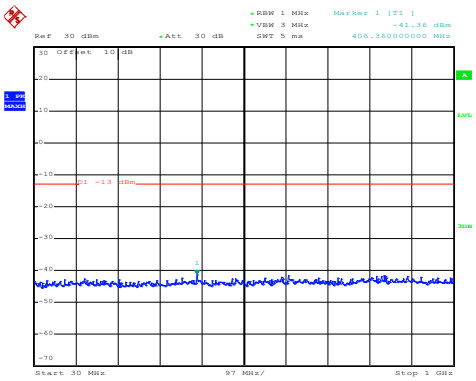
30MHz~1GHz



Date: 6.DEC.2019 14:37:18

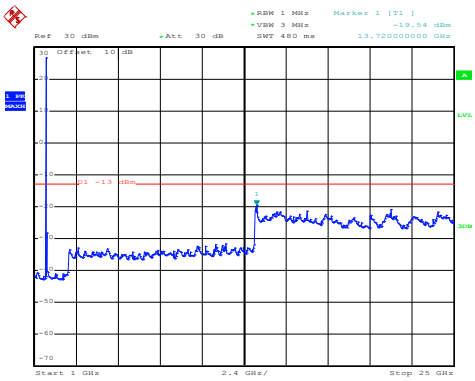
1GHz~25GHz

LTE Band 4: QPSK & RB Size 1
BW: 1.4MHz
Lowest channel



Date: 6.DEC.2019 14:33:57

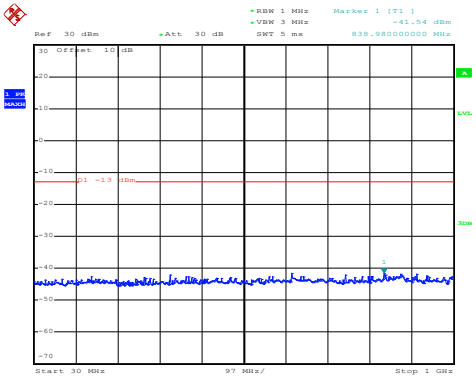
30MHz~1GHz



Date: 6.DEC.2019 14:38:31

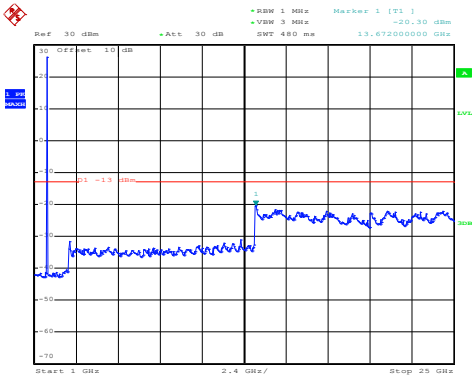
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:34:22

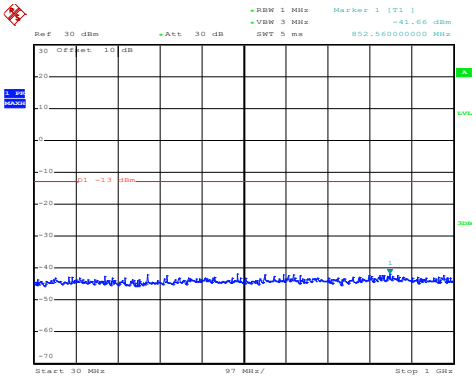
30MHz~1GHz



Date: 6.DEC.2019 14:37:41

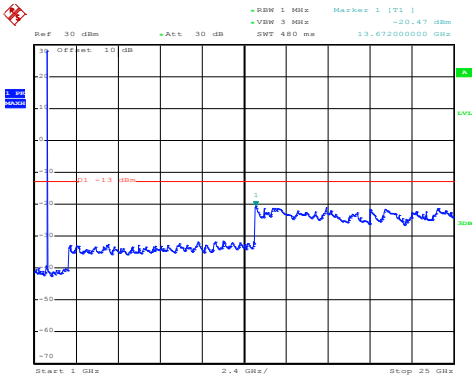
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:34:53

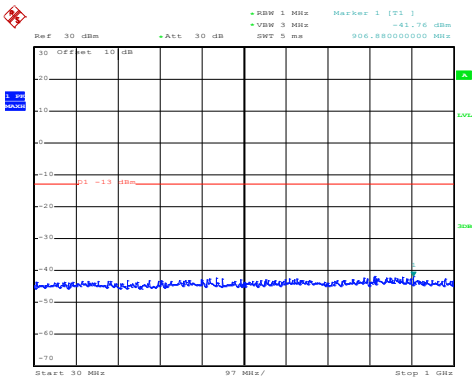
30MHz~1GHz



Date: 6.DEC.2019 14:36:29

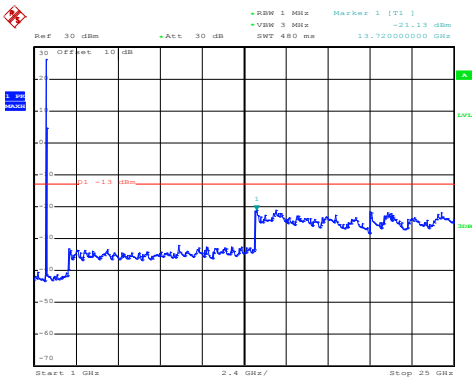
1GHz~25GHz

LTE Band 4: 16 QAM & RB Size 1
BW: 20MHz
Lowest channel



Date: 6.DEC.2019 14:31:46

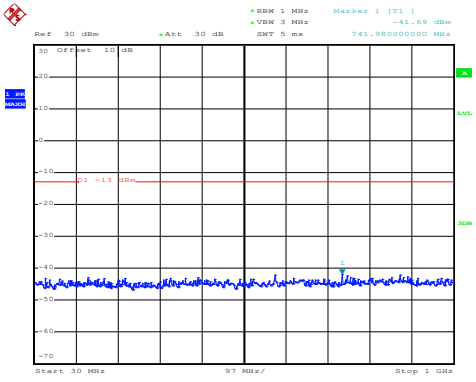
30MHz~1GHz



Date: 6.DEC.2019 14:39:43

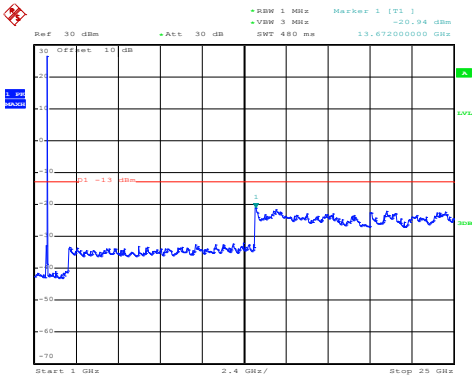
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:32:13

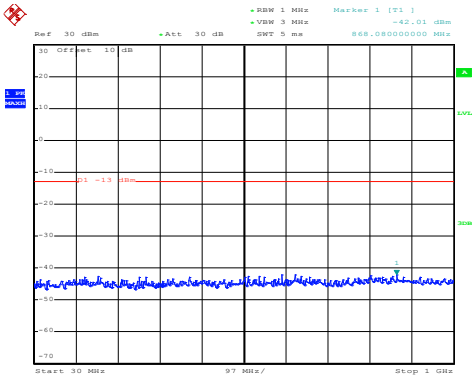
30MHz~1GHz



Date: 6.DEC.2019 14:40:22

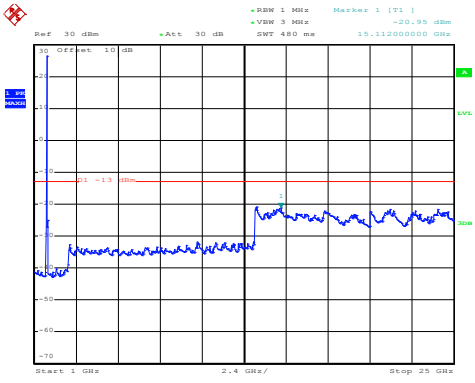
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:33:14

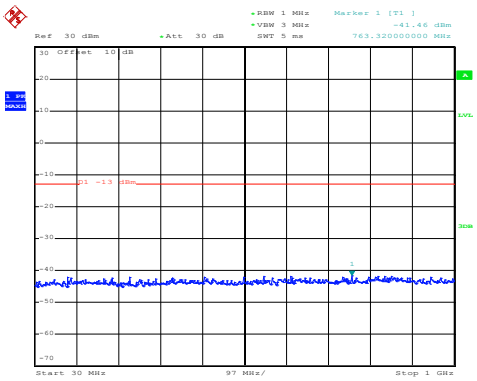
30MHz~1GHz



Date: 6.DEC.2019 14:41:41

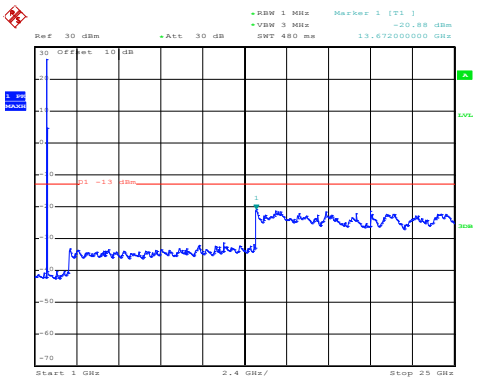
1GHz~25GHz

LTE Band 4: QPSK & RB Size 1
BW: 20MHz
Lowest channel



Date: 6.DEC.2019 14:30:14

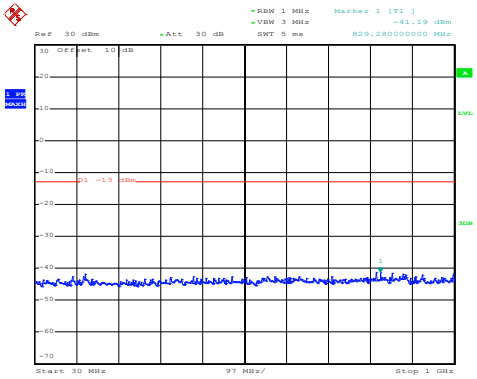
30MHz~1GHz



Date: 6.DEC.2019 14:39:32

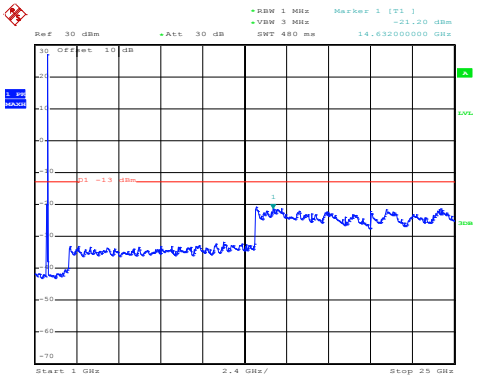
1GHz~25GHz

Middle channel



Date: 6.DEC.2019 14:32:07

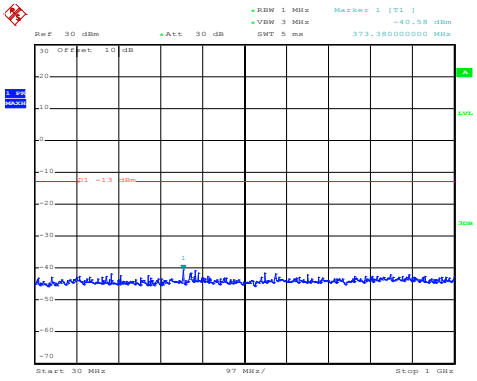
30MHz~1GHz



Date: 6.DEC.2019 14:40:10

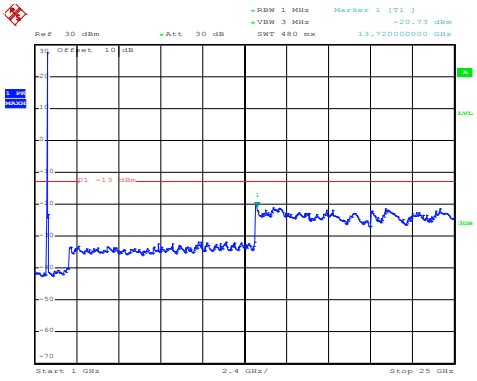
1GHz~25GHz

High channel



Date: 6.DEC.2019 14:33:07

30MHz~1GHz

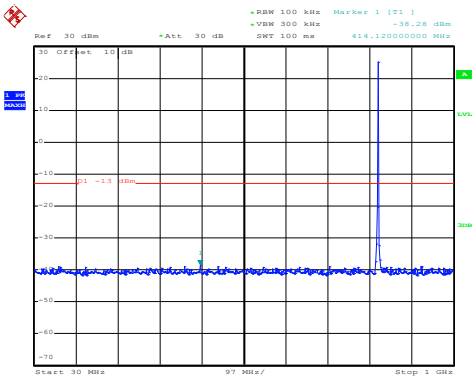


Date: 6.DEC.2019 14:41:16

1GHz~25GHz

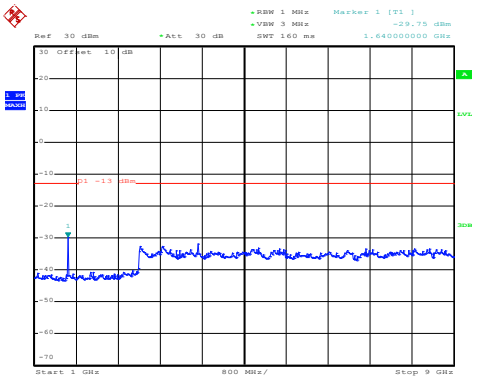
LTE Band 5 part:

LTE Band 5: 16 QAM & RB Size 1
BW: 1.4MHz
Lowest channel



Date: 9.DEC.2019 01:22:20

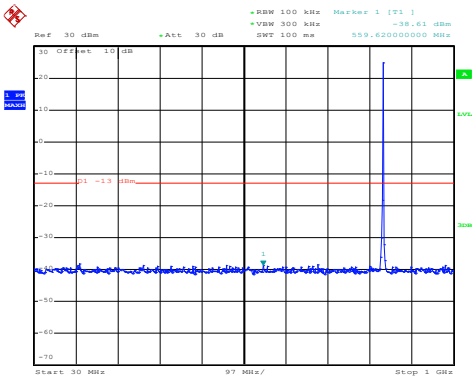
30MHz~1GHz



Date: 9.DEC.2019 01:41:39

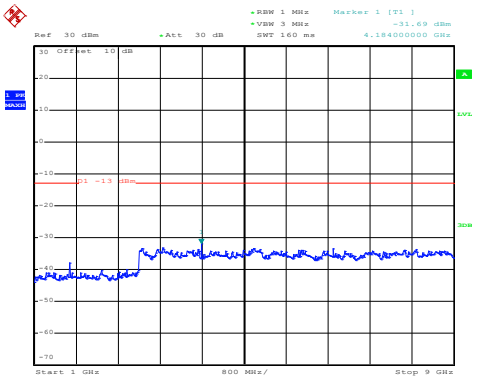
1GHz~9GHz

Middle channel



Date: 9.DEC.2019 01:21:32

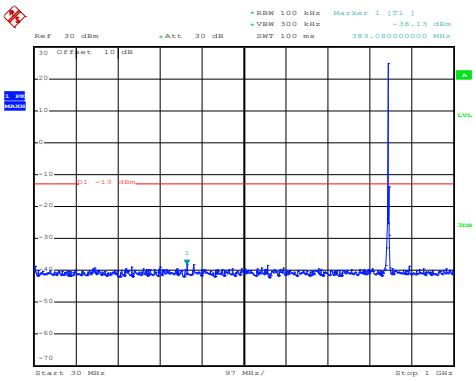
30MHz~1GHz



Date: 9.DEC.2019 01:41:00

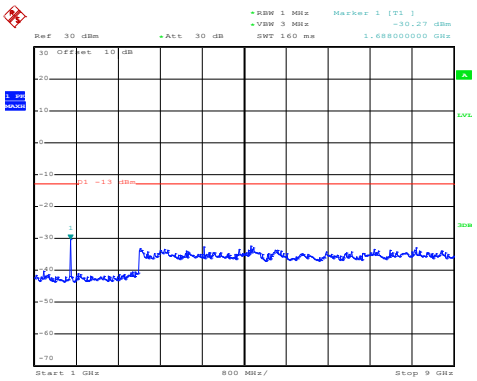
1GHz~9GHz

High channel



Date: 9.DEC.2019 01:23:21

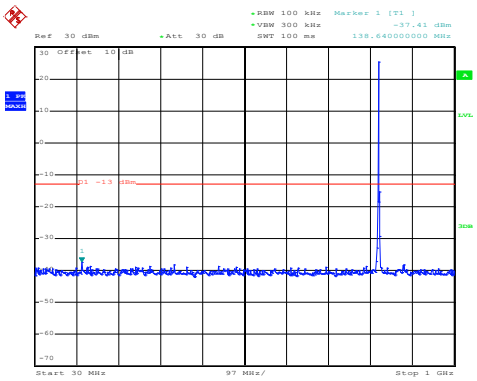
30MHz~1GHz



Date: 9.DEC.2019 01:38:36

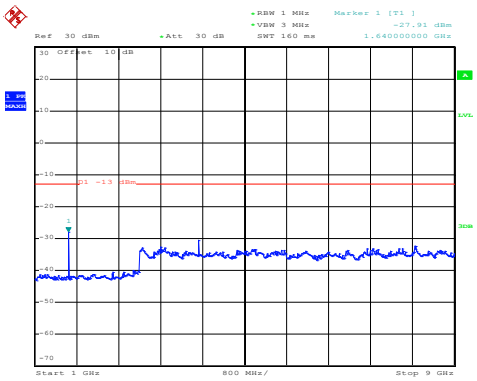
1GHz~9GHz

LTE Band 5: QPSK & RB Size 1
BW: 1.4MHz
Lowest channel



Date: 9.DEC.2019 01:22:00

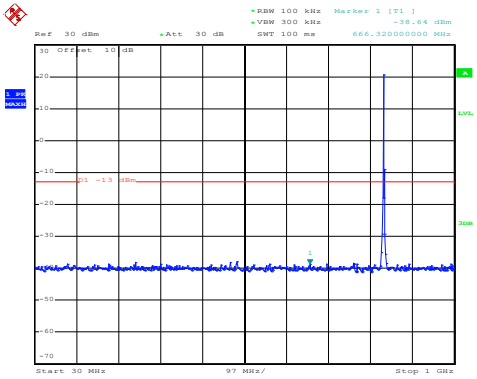
30MHz~1GHz



Date: 9.DEC.2019 01:41:28

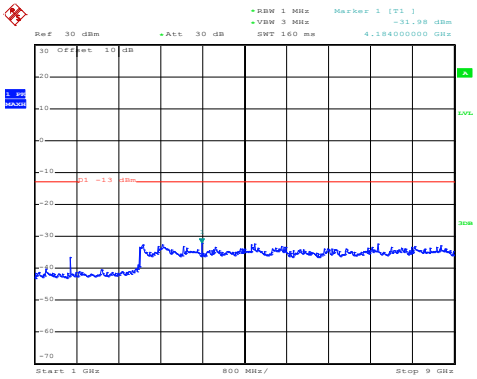
1GHz~9GHz

Middle channel



Date: 9.DEC.2019 01:20:52

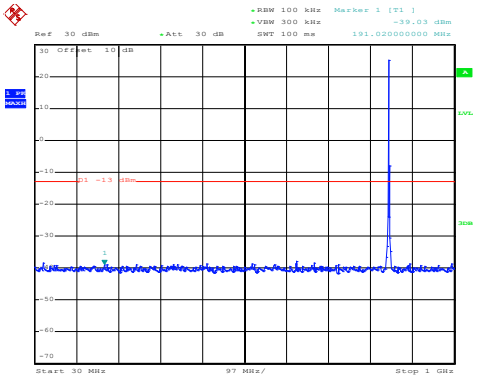
30MHz~1GHz



Date: 9.DEC.2019 01:40:48

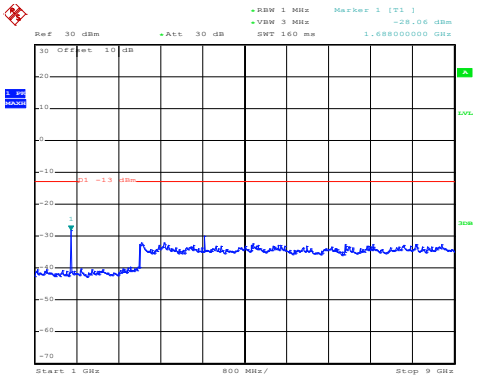
1GHz~9GHz

High channel



Date: 9.DEC.2019 01:23:02

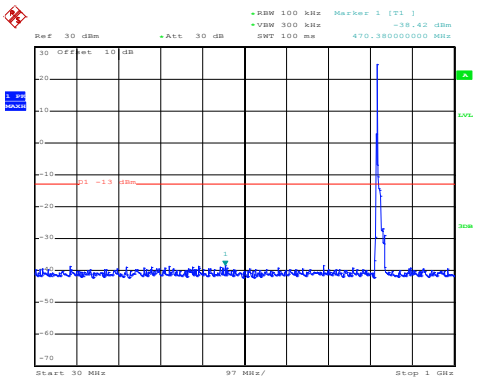
30MHz~1GHz



Date: 9.DEC.2019 01:33:29

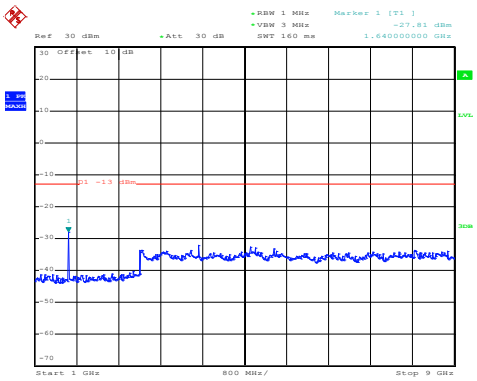
1GHz~9GHz

LTE Band 5: 16 QAM & RB Size 1
BW: 10MHz
Lowest channel



Date: 9.DEC.2019 01:25:26

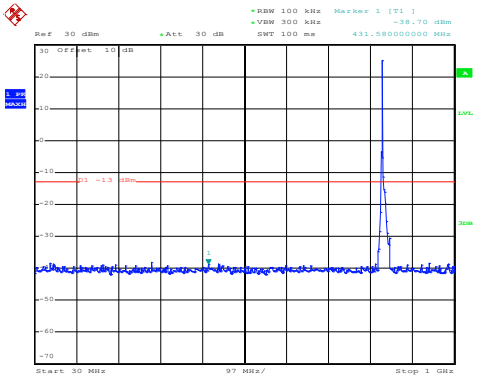
30MHz~1GHz



Date: 9.DEC.2019 01:46:31

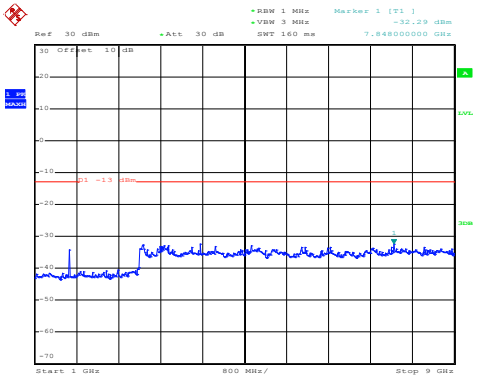
1GHz~9GHz

Middle channel



Date: 9.DEC.2019 01:25:52

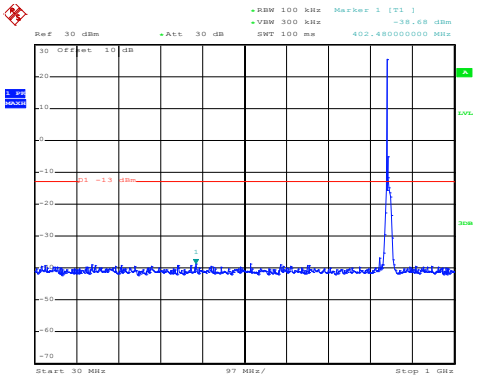
30MHz~1GHz



Date: 9.DEC.2019 01:44:10

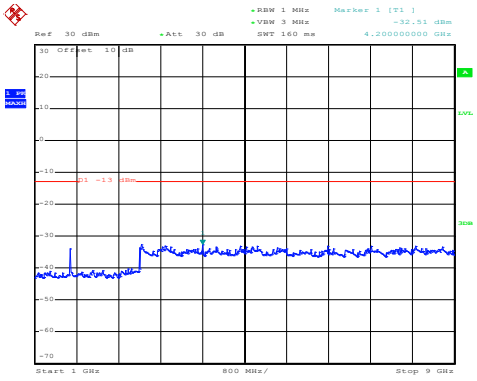
1GHz~9GHz

High channel



Date: 9.DEC.2019 01:26:34

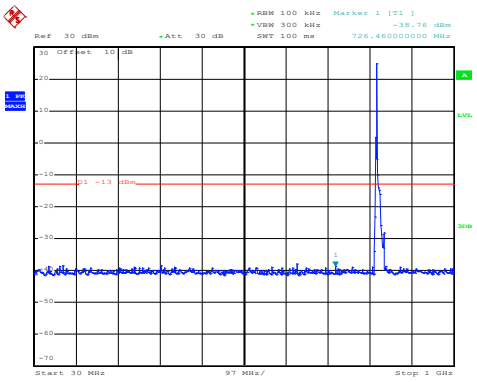
30MHz~1GHz



Date: 9.DEC.2019 01:48:11

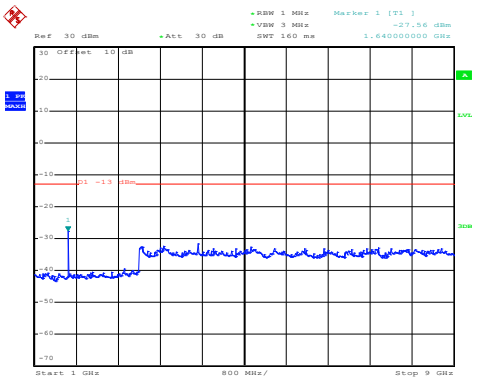
1GHz~9GHz

LTE Band 5: QPSK & RB Size 1
BW: 10MHz
Lowest channel



Date: 9.DEC.2019 01:25:13

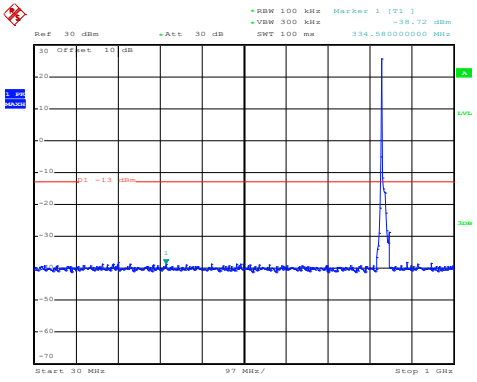
30MHz~1GHz



Date: 9.DEC.2019 01:46:24

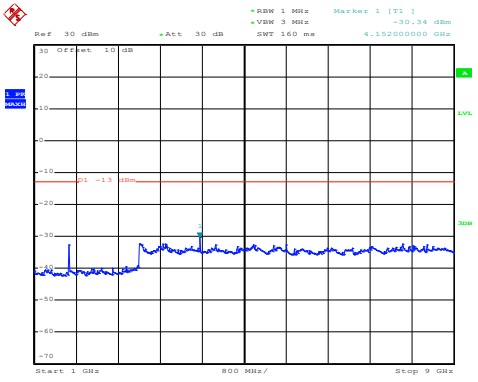
1GHz~9GHz

Middle channel



Date: 9.DEC.2019 01:24:24

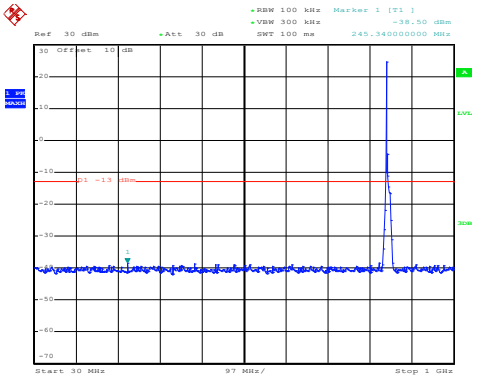
30MHz~1GHz



Date: 9.DEC.2019 01:43:56

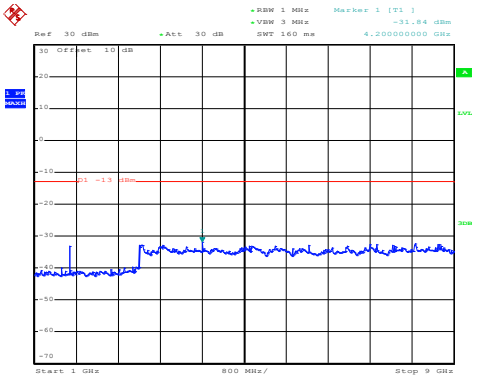
1GHz~9GHz

High channel



Date: 9.DEC.2019 01:26:23

30MHz~1GHz

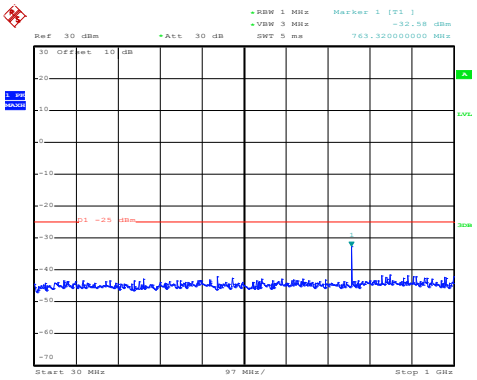


Date: 9.DEC.2019 01:47:56

1GHz~9GHz

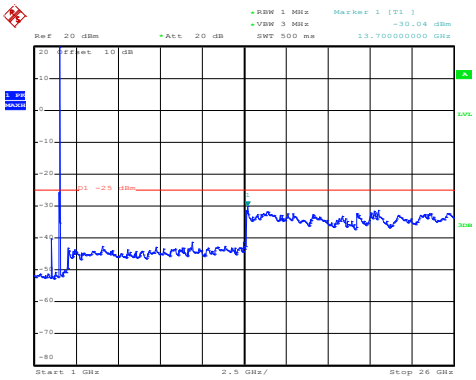
LTE Band 7 part:

LTE Band 7: 16 QAM & RB Size 1
BW: 5MHz
Lowest channel



Date: 9.DEC.2019 01:54:23

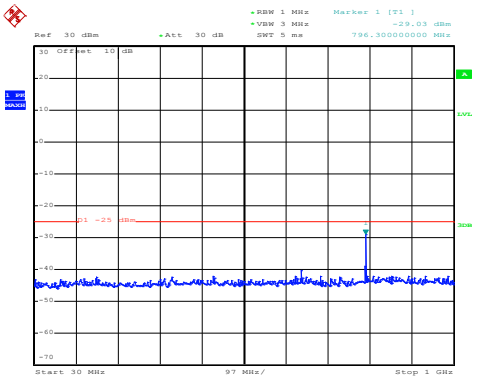
30MHz~1GHz



Date: 9.DEC.2019 02:14:10

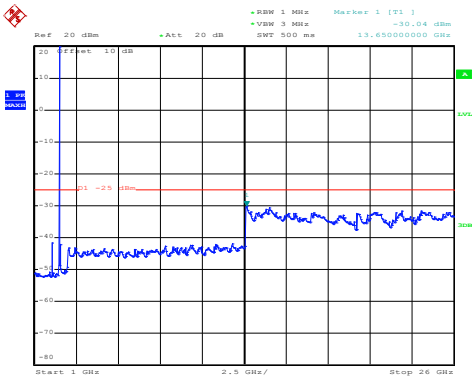
1GHz~25GHz

Middle channel



Date: 9.DEC.2019 01:52:31

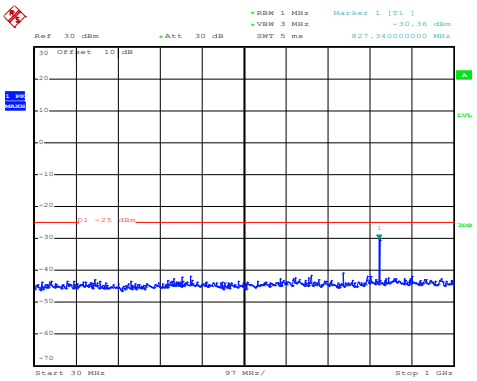
30MHz~1GHz



Date: 9.DEC.2019 02:14:54

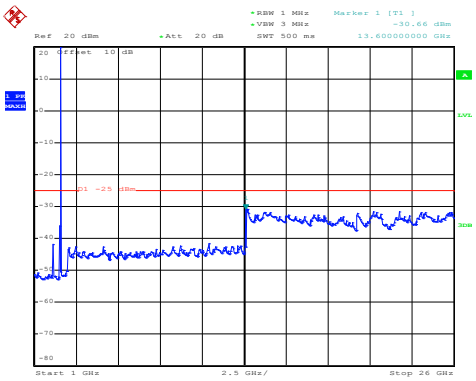
1GHz~25GHz

High channel



Date: 9.DEC.2019 01:54:58

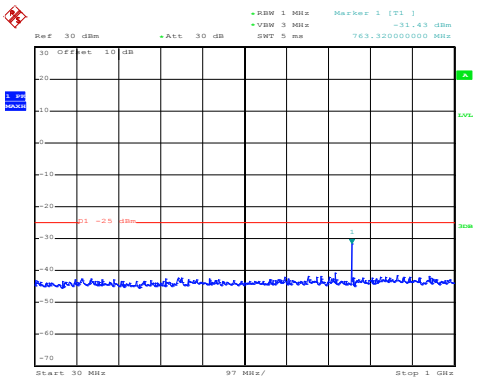
30MHz~1GHz



Date: 9.DEC.2019 02:21:10

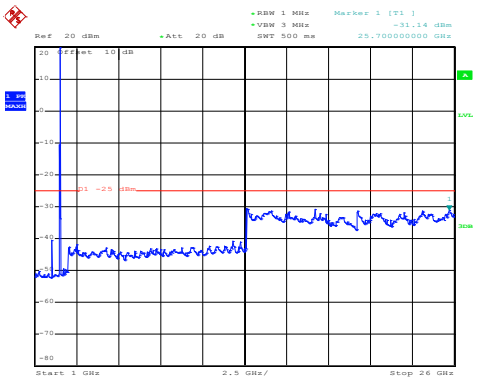
1GHz~25GHz

LTE Band 7: QPSK & RB Size 1
BW: 5MHz
Lowest channel



Date: 9.DEC.2019 01:54:16

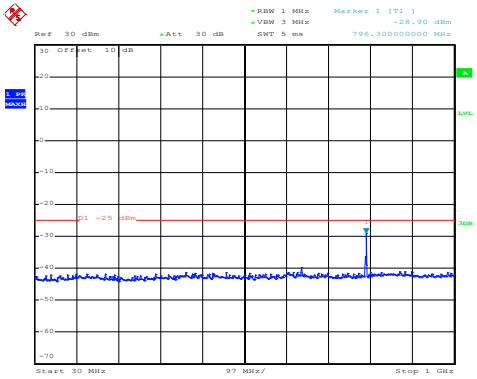
30MHz~1GHz



Date: 9.DEC.2019 02:14:00

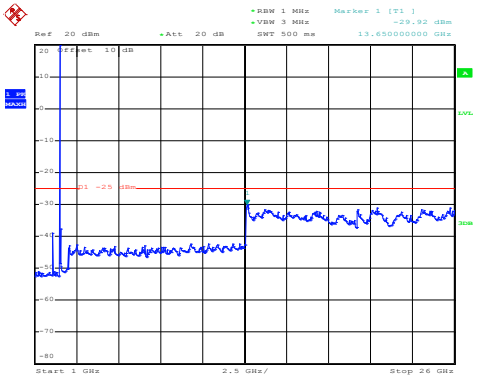
1GHz~25GHz

Middle channel



Date: 9.DEC.2019 01:52:21

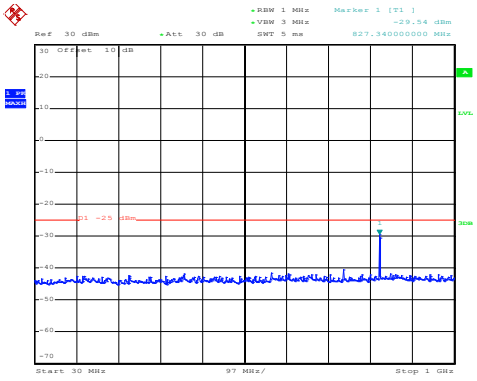
30MHz~1GHz



Date: 9.DEC.2019 02:14:30

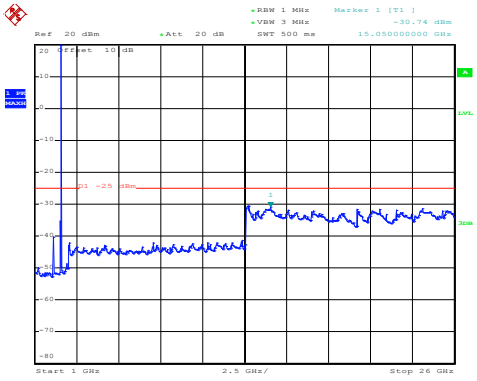
1GHz~25GHz

High channel



Date: 9.DEC.2019 01:54:52

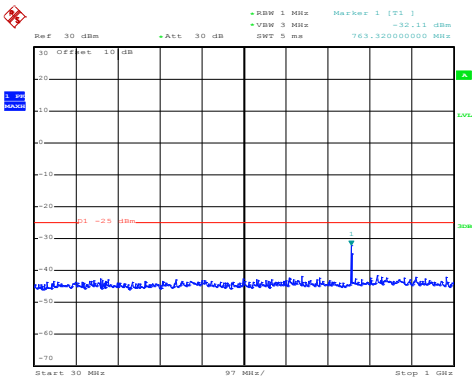
30MHz~1GHz



Date: 9.DEC.2019 02:20:57

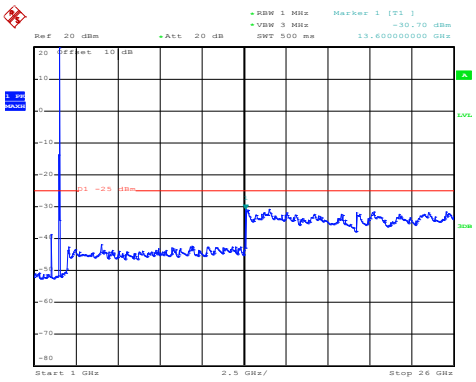
1GHz~25GHz

LTE Band 7: 16 QAM & RB Size 1
BW: 20MHz
Lowest channel



Date: 9.DEC.2019 02:00:27

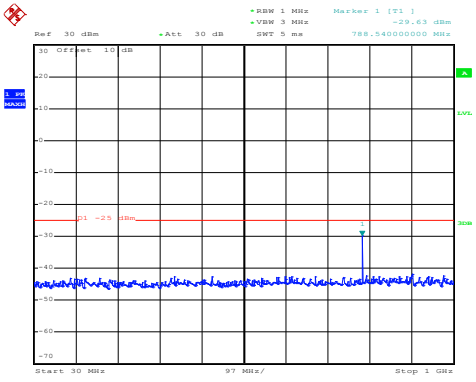
30MHz~1GHz



Date: 9.DEC.2019 02:06:04

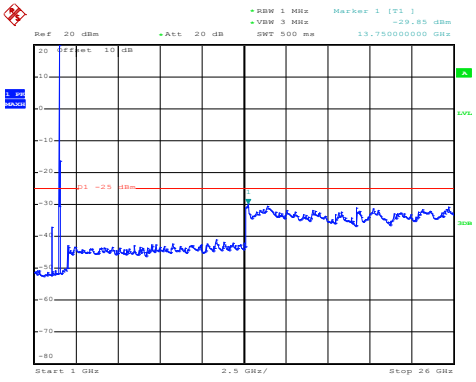
1GHz~25GHz

Middle channel



Date: 9.DEC.2019 01:59:39

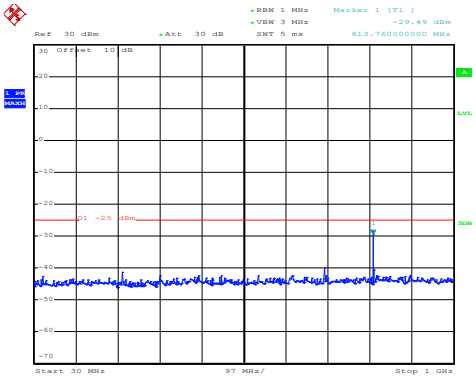
30MHz~1GHz



Date: 9.DEC.2019 02:05:12

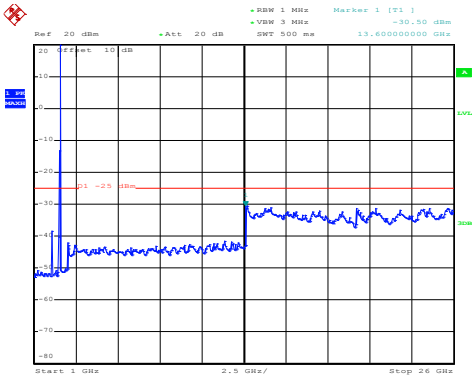
1GHz~25GHz

High channel



Date: 9.DEC.2019 02:01:00

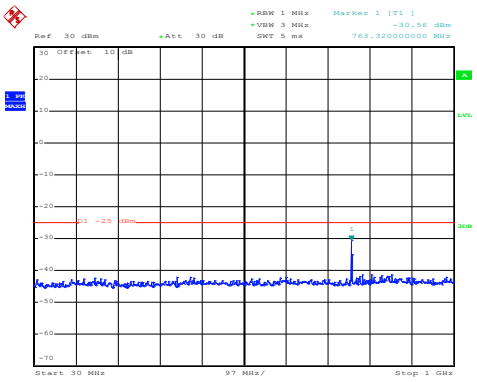
30MHz~1GHz



Date: 9.DEC.2019 02:03:40

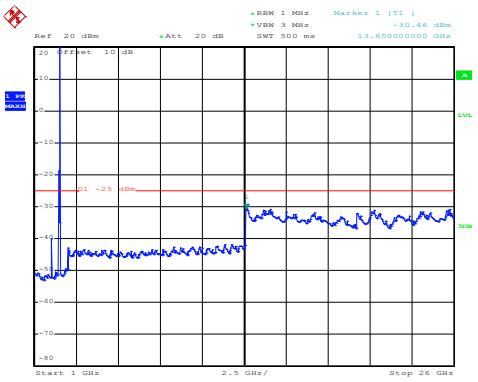
1GHz~25GHz

LTE Band 7: QPSK & RB Size 1
BW: 20MHz
Lowest channel



Date: 9.DEC.2019 02:00:15

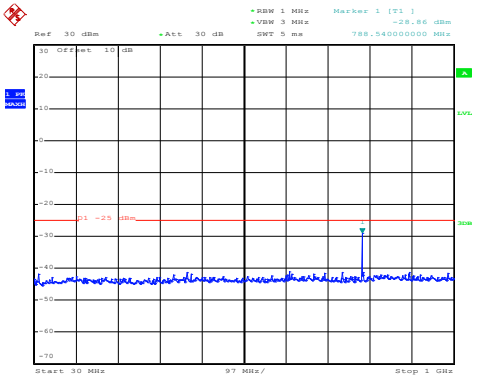
30MHz~1GHz



Date: 9.DEC.2019 02:05:43

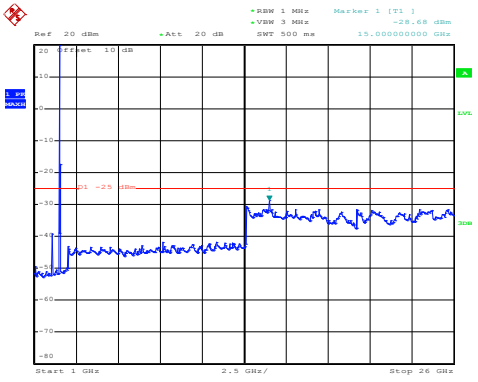
1GHz~25GHz

Middle channel



Date: 9.DEC.2019 01:59:26

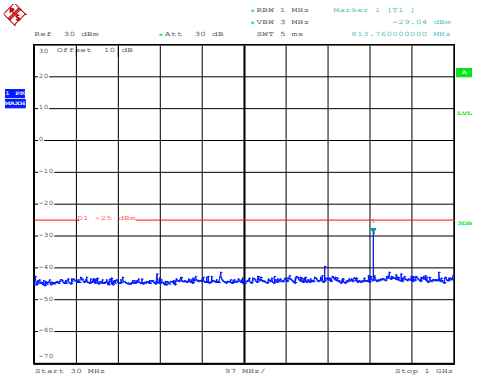
30MHz~1GHz



Date: 9.DEC.2019 02:04:08

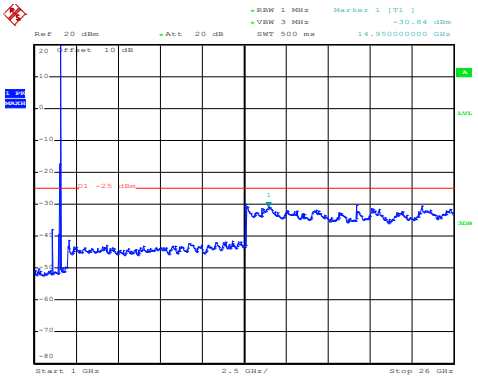
1GHz~25GHz

High channel



Date: 9.DEC.2019 02:00:50

30MHz~1GHz



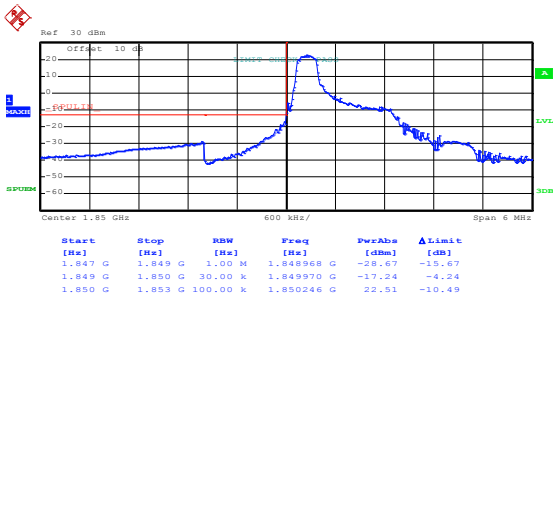
Date: 9.DEC.2019 02:03:19

1GHz~25GHz

Band edge emission:

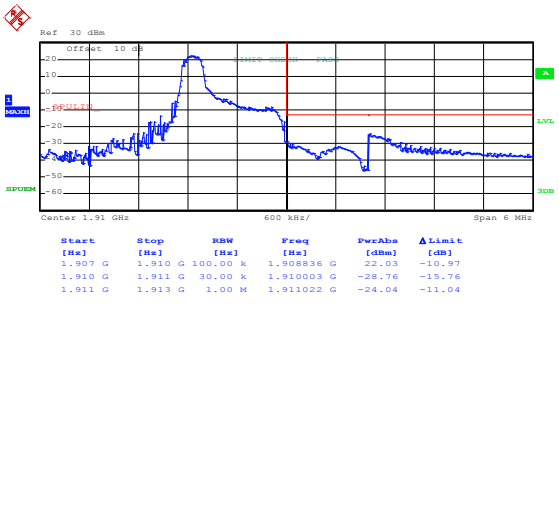
LTE Band 2 part:

LTE Band 2, BW: 1.4MHz
16QAM & RB Size 1



Date: 6.DEC.2019 14:08:15

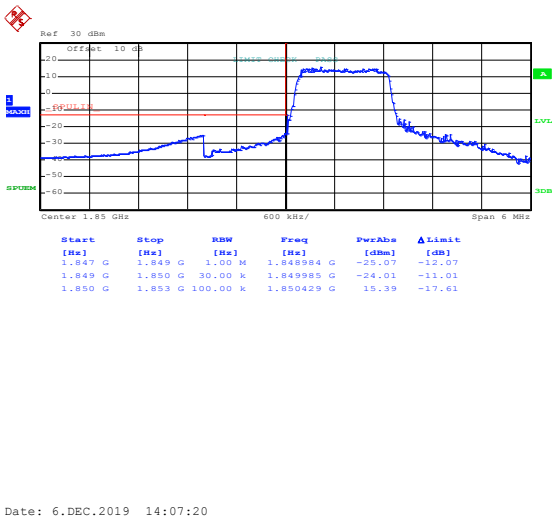
Lowest channel



Date: 6.DEC.2019 14:08:55

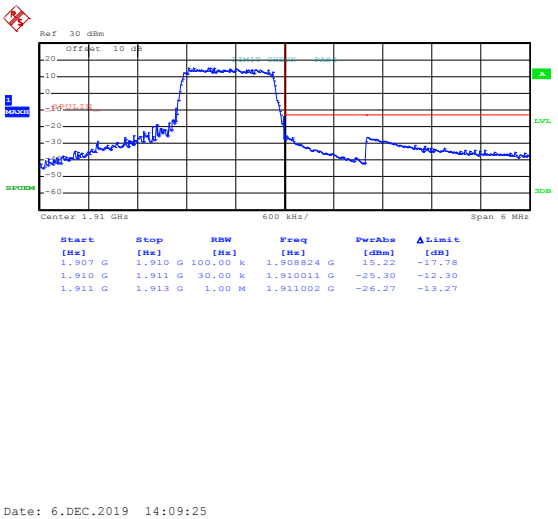
Highest channel

16QAM & RB Size 6



Date: 6.DEC.2019 14:07:20

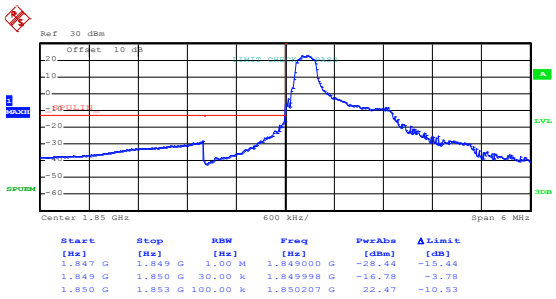
Lowest channel



Date: 6.DEC.2019 14:09:25

Highest channel

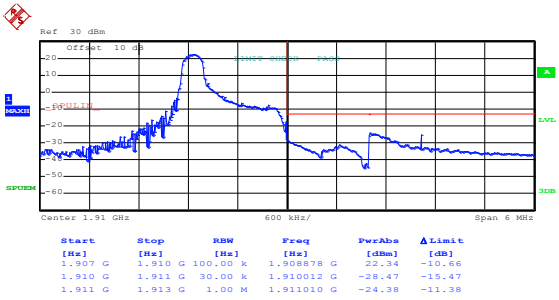
LTE Band 2, BW: 1.4MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.849000 G	-28.44	-15.44
1.849 G	1.850 G	30.00 k	1.849998 G	-16.78	-3.78
1.850 G	1.853 G	100.00 k	1.850207 G	22.47	-10.53

Date: 6.DEC.2019 14:07:58

Lowest channel

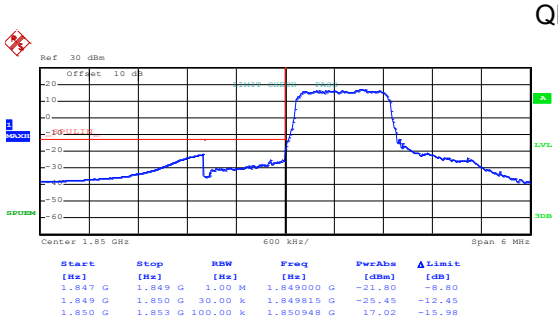


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.907 G	1.910 G	100.00 k	1.908878 G	22.34	-10.66
1.910 G	1.911 G	30.00 k	1.910012 G	-28.47	-15.47
1.911 G	1.913 G	1.00 M	1.911010 G	-24.38	-11.38

Date: 6.DEC.2019 14:08:47

Highest channel

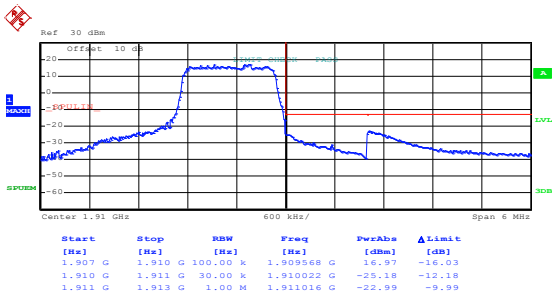
QPSK & RB Size 6



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.849000 G	-21.80	-8.80
1.849 G	1.850 G	30.00 k	1.849815 G	-25.45	-12.45
1.850 G	1.853 G	100.00 k	1.850948 G	17.02	-15.98

Date: 6.DEC.2019 14:07:10

Lowest channel

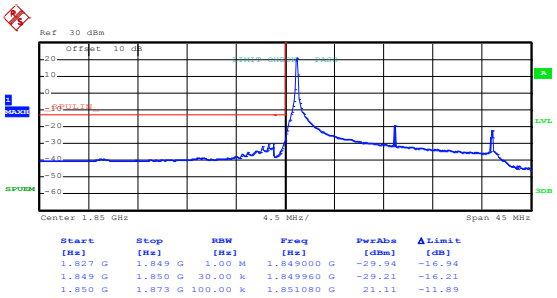


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.907 G	1.910 G	100.00 k	1.909568 G	16.97	-16.03
1.910 G	1.911 G	30.00 k	1.910022 G	-25.18	-12.18
1.911 G	1.913 G	1.00 M	1.911016 G	-22.99	-9.99

Date: 6.DEC.2019 14:09:16

Highest channel

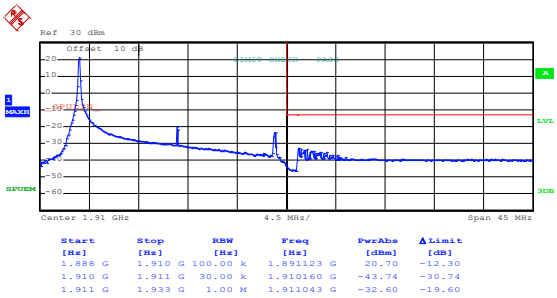
LTE Band 2, BW: 20MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.849000 G	-29.94	-16.94
1.849 G	1.850 G	30.00 k	1.849960 G	-29.21	-16.21
1.850 G	1.873 G	100.00 k	1.851080 G	21.11	-11.89

Date: 6.DEC.2019 14:01:45

Lowest channel

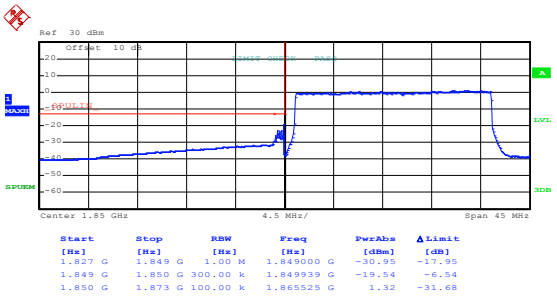


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.891123 G	20.70	-12.30
1.910 G	1.911 G	30.00 k	1.910160 G	-43.74	-30.74
1.911 G	1.933 G	1.00 M	1.911043 G	-32.60	-19.60

Date: 6.DEC.2019 14:02:33

Highest channel

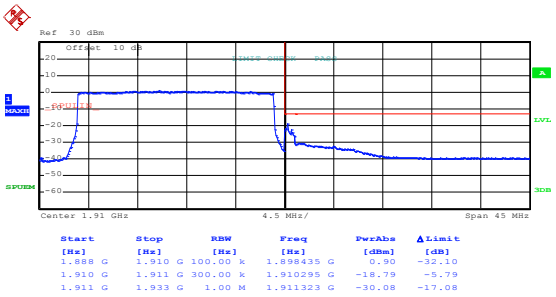
16QAM & RB Size 100



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.849000 G	-30.95	-17.95
1.849 G	1.850 G	300.00 k	1.849939 G	-19.54	-6.54
1.850 G	1.873 G	100.00 k	1.865525 G	1.32	-31.68

Date: 6.DEC.2019 14:05:06

Lowest channel

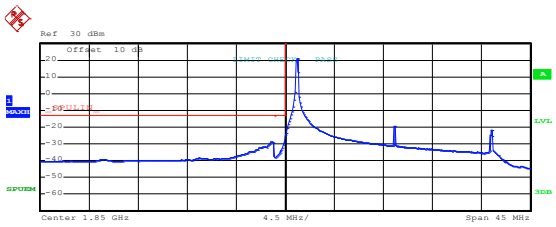


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.898435 G	0.90	-32.10
1.910 G	1.911 G	300.00 k	1.910295 G	-18.79	-5.79
1.911 G	1.933 G	1.00 M	1.911323 G	-30.08	-17.08

Date: 6.DEC.2019 14:04:09

Highest channel

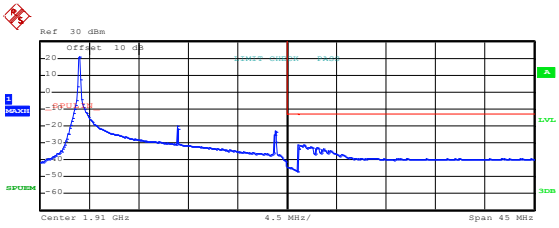
LTE Band 2, BW: 20MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.848827 G	-28.55	-15.55
1.849 G	1.850 G	30.00 k	1.849987 G	-28.53	-15.53
1.850 G	1.873 G	100.00 k	1.851080 G	21.12	-11.88

Date: 6.DEC.2019 14:01:33

Lowest channel

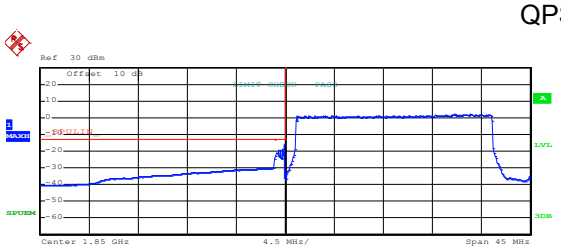


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.891078 G	21.06	-11.94
1.910 G	1.911 G	30.00 k	1.910051 G	-44.34	-31.34
1.911 G	1.933 G	1.00 M	1.911000 G	-30.98	-17.98

Date: 6.DEC.2019 14:02:27

Highest channel

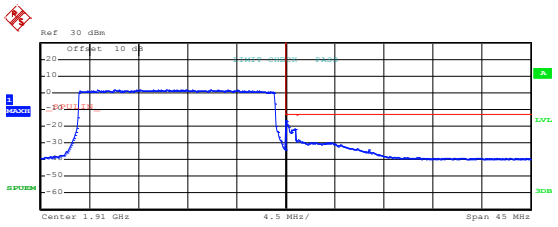
QPSK & RB Size 100



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.849000 G	-29.92	-16.92
1.849 G	1.850 G	300.00 k	1.849943 G	-15.66	-2.66
1.850 G	1.873 G	100.00 k	1.866988 G	2.20	-30.80

Date: 6.DEC.2019 14:04:57

Lowest channel



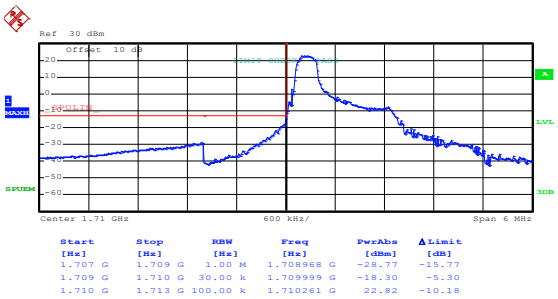
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.900888 G	1.90	-31.10
1.910 G	1.911 G	300.00 k	1.910001 G	-16.48	-3.48
1.911 G	1.933 G	1.00 M	1.911108 G	-28.31	-15.31

Date: 6.DEC.2019 14:03:25

Highest channel

LTE Band 4 part:

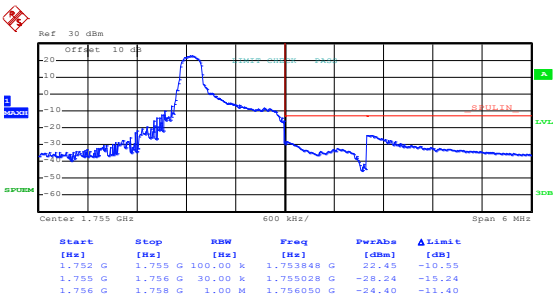
LTE Band 4, BW: 1.4MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708968 G	-28.77	-15.77
1.709 G	1.710 G	30.00 k	1.709999 G	-18.30	-5.30
1.710 G	1.713 G	100.00 k	1.710261 G	22.82	-10.18

Date: 6.DEC.2019 13:51:20

Lowest channel

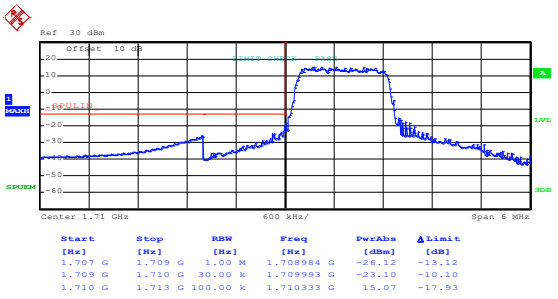


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	100.00 k	1.753848 G	22.45	-10.55
1.755 G	1.756 G	30.00 k	1.755028 G	-28.24	-15.24
1.756 G	1.758 G	1.00 M	1.756050 G	-24.40	-11.40

Date: 6.DEC.2019 13:53:14

Highest channel

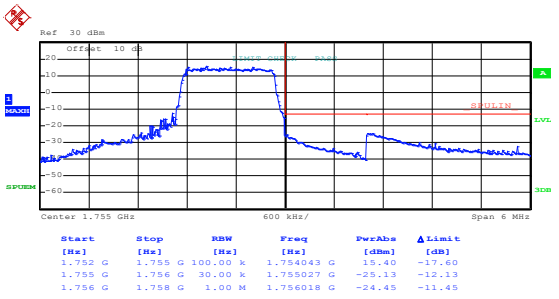
16QAM & RB Size 6



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708984 G	-26.12	-13.12
1.709 G	1.710 G	30.00 k	1.709993 G	-23.10	-10.10
1.710 G	1.713 G	100.00 k	1.710333 G	15.07	-17.93

Date: 6.DEC.2019 13:50:29

Lowest channel

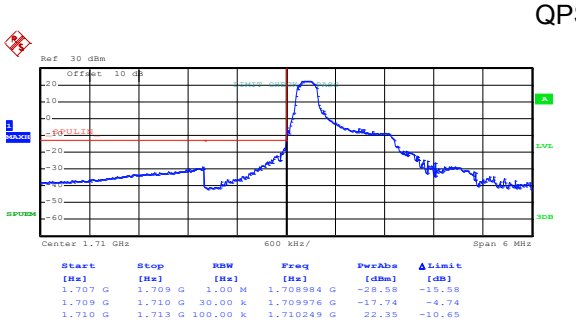


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	100.00 k	1.754043 G	15.40	-17.60
1.755 G	1.756 G	30.00 k	1.755027 G	-25.13	-12.13
1.756 G	1.758 G	1.00 M	1.756018 G	-24.45	-11.45

Date: 6.DEC.2019 13:53:41

Highest channel

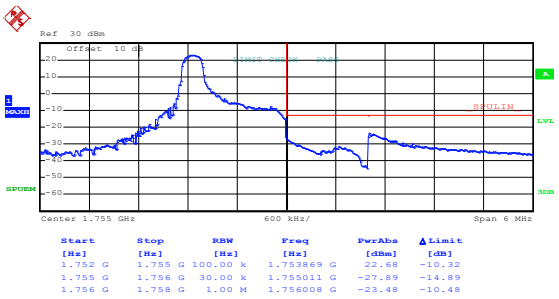
LTE Band 4, BW: 1.4MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708984 G	-28.58	-15.58
1.709 G	1.710 G	30.00 k	1.709976 G	-17.74	-4.74
1.710 G	1.713 G	100.00 k	1.710249 G	22.35	-10.65

Date: 6.DEC.2019 13:50:49

Lowest channel

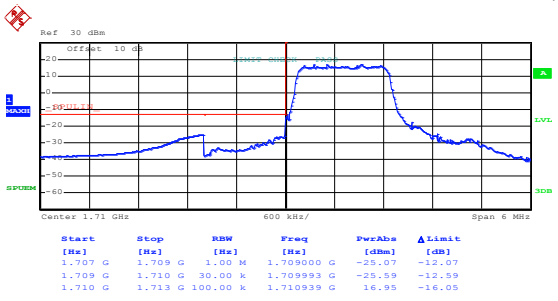


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	100.00 k	1.753869 G	22.68	-10.32
1.755 G	1.756 G	30.00 k	1.755011 G	-27.89	-14.89
1.756 G	1.758 G	1.00 M	1.756008 G	-23.48	-10.48

Date: 6.DEC.2019 13:53:00

Highest channel

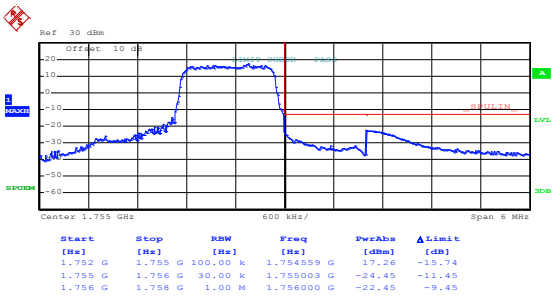
QPSK & RB Size 6



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.709000 G	-25.07	-12.07
1.709 G	1.710 G	30.00 k	1.709993 G	-25.59	-12.59
1.710 G	1.713 G	100.00 k	1.710939 G	16.95	-16.05

Date: 6.DEC.2019 13:50:20

Lowest channel

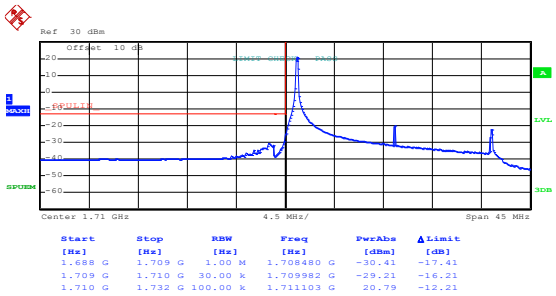


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	100.00 k	1.754559 G	17.26	-15.74
1.755 G	1.756 G	30.00 k	1.755003 G	-24.45	-11.45
1.756 G	1.758 G	1.00 M	1.756000 G	-22.45	-9.45

Date: 6.DEC.2019 13:53:31

Highest channel

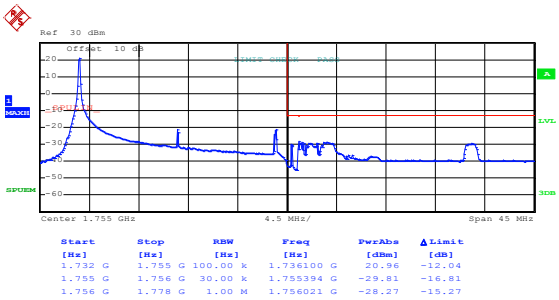
LTE Band 4, BW: 20MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.708480 G	-30.41	-17.41
1.709 G	1.710 G	30.00 k	1.709982 G	-29.21	-16.21
1.710 G	1.732 G	100.00 k	1.711103 G	20.79	-12.21

Date: 6.DEC.2019 13:59:07

Lowest channel

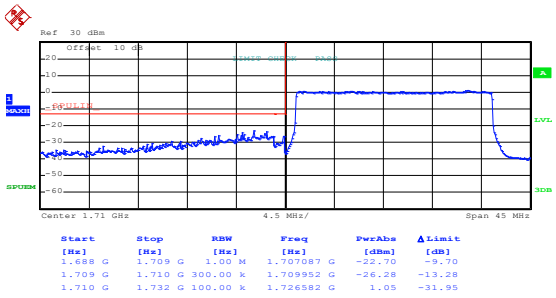


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.736100 G	20.96	-12.04
1.755 G	1.756 G	30.00 k	1.755394 G	-29.81	-16.81
1.756 G	1.778 G	1.00 M	1.756021 G	-28.27	-15.27

Date: 6.DEC.2019 13:57:52

Highest channel

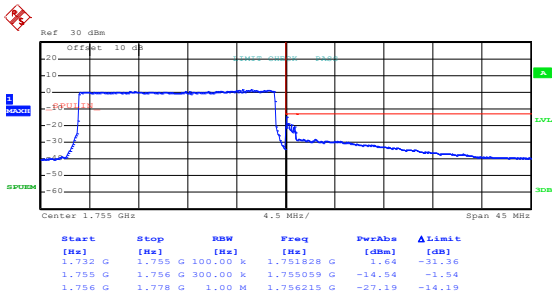
16QAM & RB Size 100



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.707087 G	-22.70	-9.70
1.709 G	1.710 G	300.00 k	1.709952 G	-26.28	-13.28
1.710 G	1.732 G	100.00 k	1.726582 G	1.05	-31.95

Date: 6.DEC.2019 13:55:38

Lowest channel

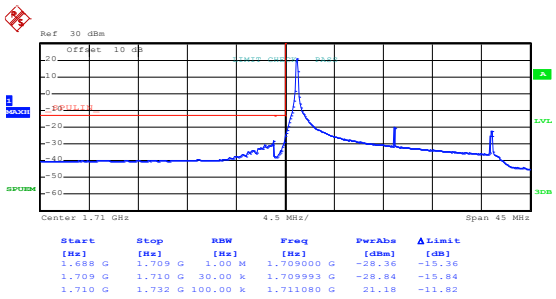


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.751828 G	1.64	-31.36
1.755 G	1.756 G	300.00 k	1.755059 G	-14.54	-1.54
1.756 G	1.778 G	1.00 M	1.756215 G	-27.19	-14.19

Date: 6.DEC.2019 13:56:29

Highest channel

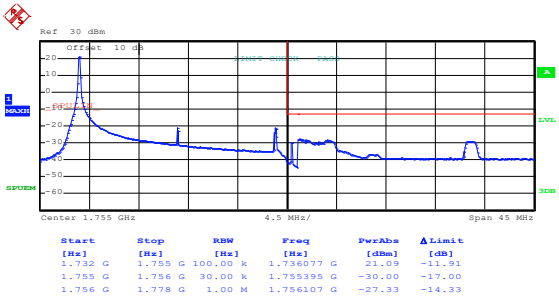
LTE Band 4, BW: 20MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.709000 G	-28.36	-15.36
1.709 G	1.710 G	30.00 k	1.709993 G	-28.84	-15.84
1.710 G	1.732 G	100.00 k	1.711080 G	21.18	-11.82

Date: 6.DEC.2019 13:58:56

Lowest channel

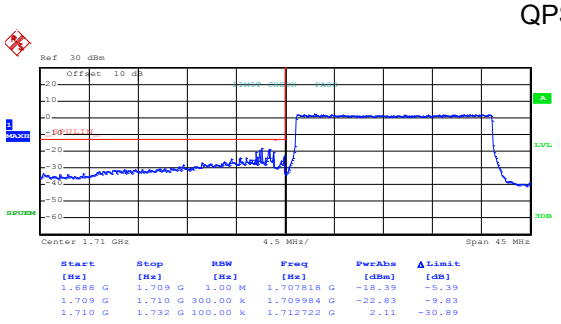


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.736077 G	21.09	-11.91
1.755 G	1.756 G	30.00 k	1.755395 G	-30.00	-17.00
1.756 G	1.778 G	1.00 M	1.756107 G	-27.33	-14.33

Date: 6.DEC.2019 13:57:42

Highest channel

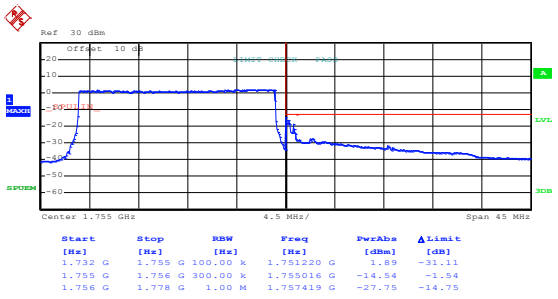
QPSK & RB Size 100



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.707818 G	-18.39	-5.39
1.709 G	1.710 G	300.00 k	1.709984 G	-22.83	-9.83
1.710 G	1.732 G	100.00 k	1.712722 G	2.11	-30.89

Date: 6.DEC.2019 13:55:28

Lowest channel



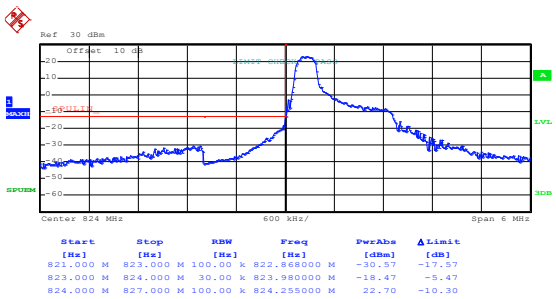
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.751220 G	1.89	-31.11
1.755 G	1.756 G	300.00 k	1.755016 G	-14.54	-1.54
1.756 G	1.778 G	1.00 M	1.757419 G	-27.75	-14.75

Date: 6.DEC.2019 13:56:16

Highest channel

LTE Band 5 part:

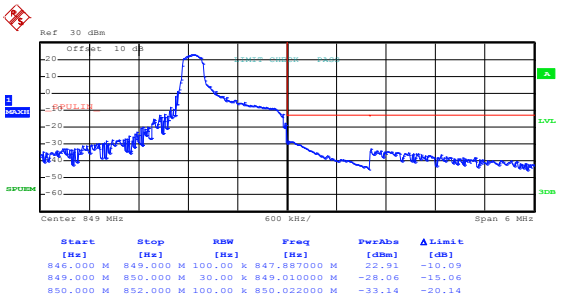
LTE Band 5, BW: 1.4MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
821.000 M	823.000 M	100.00 k	822.868000 M	-30.57	-17.57
823.000 M	824.000 M	30.00 k	823.980000 M	-18.47	-5.47
824.000 M	827.000 M	100.00 k	824.255000 M	22.70	-10.30

Date: 6.DEC.2019 13:46:39

Lowest channel

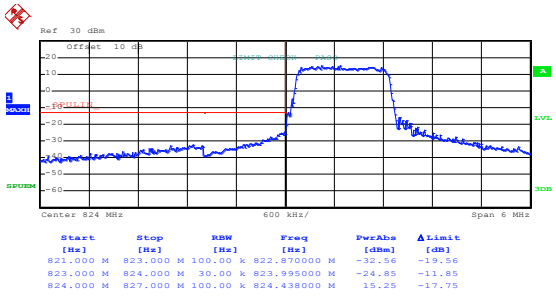


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
846.000 M	849.000 M	100.00 k	847.887000 M	22.91	-10.09
849.000 M	850.000 M	30.00 k	849.010000 M	-28.06	-15.06
850.000 M	852.000 M	100.00 k	850.022000 M	-33.14	-20.14

Date: 6.DEC.2019 13:47:44

Highest channel

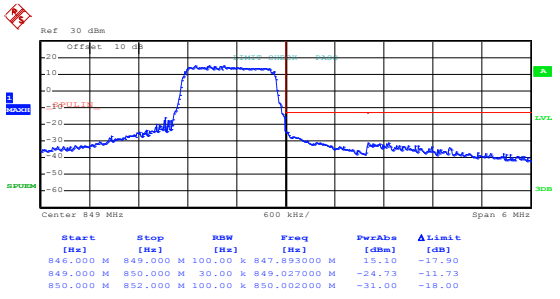
16QAM & RB Size 6



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
821.000 M	823.000 M	100.00 k	822.870000 M	-32.56	-19.56
823.000 M	824.000 M	30.00 k	823.995000 M	-24.85	-11.85
824.000 M	827.000 M	100.00 k	824.438000 M	15.25	-17.75

Date: 6.DEC.2019 13:45:30

Lowest channel

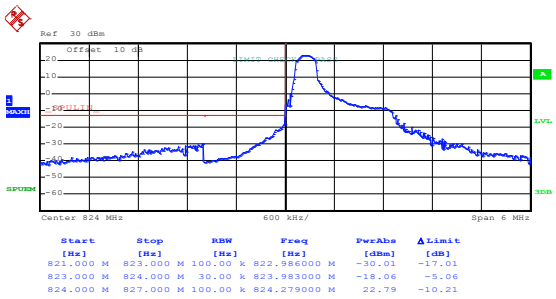


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
846.000 M	849.000 M	100.00 k	847.893000 M	15.10	-17.90
849.000 M	850.000 M	30.00 k	849.027000 M	-24.73	-11.73
850.000 M	852.000 M	100.00 k	850.002000 M	-31.00	-18.00

Date: 6.DEC.2019 13:48:13

Highest channel

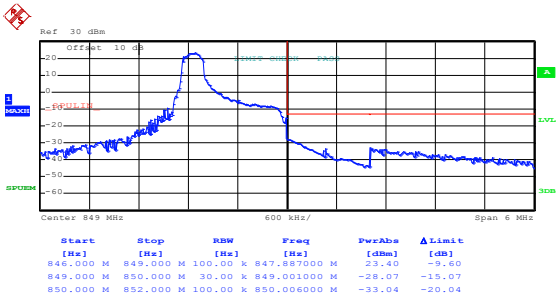
LTE Band 5, BW: 1.4MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
821.000 M	823.000 M	100.00 k	822.986000 M	-30.01	-17.01
823.000 M	824.000 M	30.00 k	823.983000 M	-18.06	-5.06
824.000 M	827.000 M	100.00 k	824.279000 M	22.79	-10.21

Date: 6.DEC.2019 13:46:27

Lowest channel

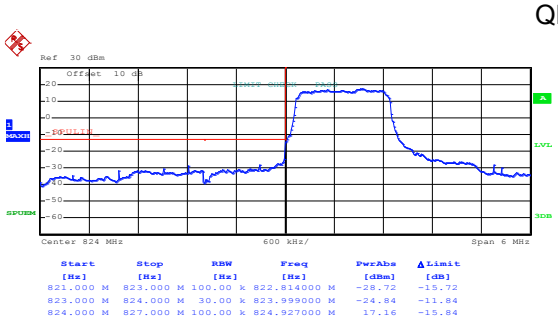


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
846.000 M	849.000 M	100.00 k	847.887000 M	23.40	-9.60
849.000 M	850.000 M	30.00 k	849.001000 M	-28.07	-15.07
850.000 M	852.000 M	100.00 k	850.006000 M	-33.04	-20.04

Date: 6.DEC.2019 13:47:33

Highest channel

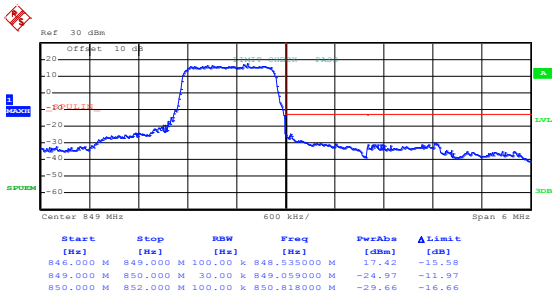
QPSK & RB Size 6



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
821.000 M	823.000 M	100.00 k	822.814000 M	-28.72	-15.72
823.000 M	824.000 M	30.00 k	823.999000 M	-24.84	-11.84
824.000 M	827.000 M	100.00 k	824.927000 M	17.16	-15.84

Date: 6.DEC.2019 13:45:19

Lowest channel

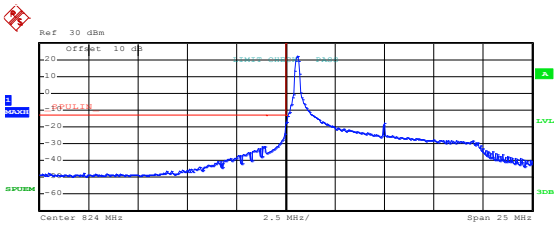


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
846.000 M	849.000 M	100.00 k	848.535000 M	17.42	-15.58
849.000 M	850.000 M	30.00 k	849.059000 M	-24.97	-11.97
850.000 M	852.000 M	100.00 k	850.818000 M	-29.66	-16.66

Date: 6.DEC.2019 13:48:04

Highest channel

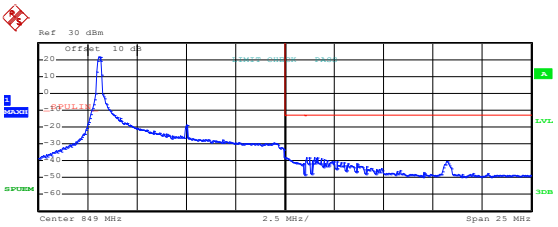
LTE Band 5, BW: 10MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.908000 M	-31.45	-18.45
823.000 M	824.000 M	30.00 k	823.998000 M	-24.03	-11.03
824.000 M	836.500 M	100.00 k	824.587500 M	22.11	-10.89

Date: 6.DEC.2019 14:29:34

Lowest channel

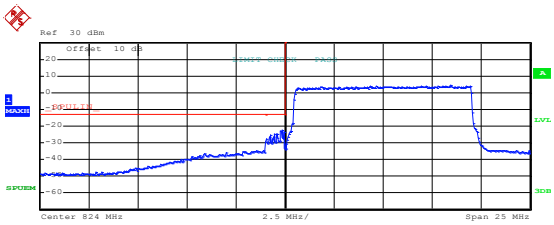


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	839.600000 M	21.56	-11.44
849.000 M	850.000 M	30.00 k	849.030000 M	-38.24	-25.24
850.000 M	861.500 M	100.00 k	850.092000 M	-37.98	-24.98

Date: 6.DEC.2019 14:30:20

Highest channel

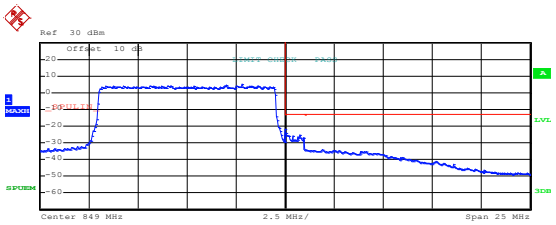
16QAM & RB Size 50



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.908000 M	-34.69	-21.69
823.000 M	824.000 M	300.00 k	823.838710 M	-22.56	-9.56
824.000 M	836.500 M	100.00 k	832.437500 M	4.31	-28.69

Date: 6.DEC.2019 14:33:27

Lowest channel

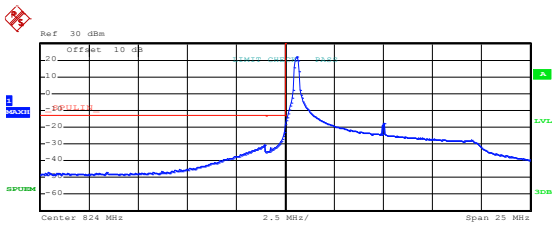


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	846.812500 M	4.86	-28.14
849.000 M	850.000 M	300.00 k	849.008065 M	-22.55	-9.55
850.000 M	861.500 M	100.00 k	850.184000 M	-33.51	-20.51

Date: 6.DEC.2019 14:32:35

Highest channel

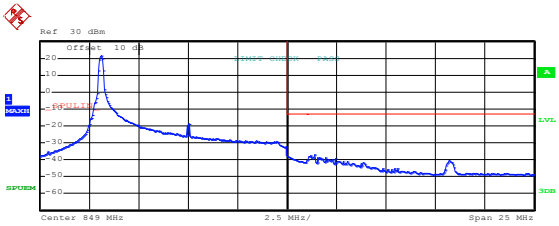
LTE Band 5, BW: 10MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.954000 M	-30.82	-17.82
823.000 M	824.000 M	30.00 k	823.998000 M	-23.30	-10.30
824.000 M	836.500 M	100.00 k	824.575000 M	22.02	-10.98

Date: 6.DEC.2019 14:29:25

Lowest channel

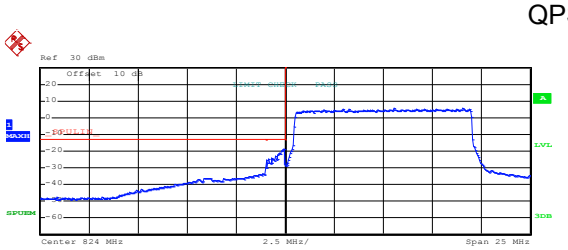


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	839.600000 M	21.63	-11.37
849.000 M	850.000 M	30.00 k	849.008000 M	-37.85	-24.85
850.000 M	861.500 M	100.00 k	850.368000 M	-37.20	-24.20

Date: 6.DEC.2019 14:30:12

Highest channel

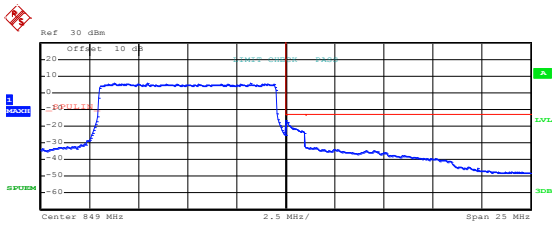
QPSK & RB Size 50



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.850500 M	-33.45	-20.45
823.000 M	824.000 M	300.00 k	823.983871 M	-18.57	-5.57
824.000 M	836.500 M	100.00 k	833.050000 M	5.51	-27.49

Date: 6.DEC.2019 14:33:18

Lowest channel



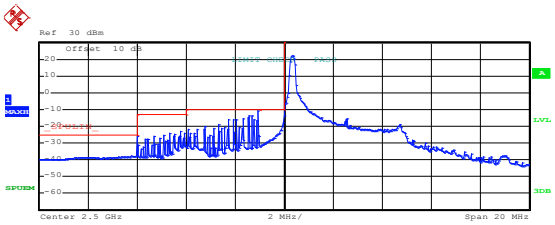
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	840.262500 M	5.53	-27.47
849.000 M	850.000 M	300.00 k	849.016129 M	-17.80	-4.80
850.000 M	861.500 M	100.00 k	850.000000 M	-32.62	-19.62

Date: 6.DEC.2019 14:32:19

Highest channel

LTE Band 7 part:

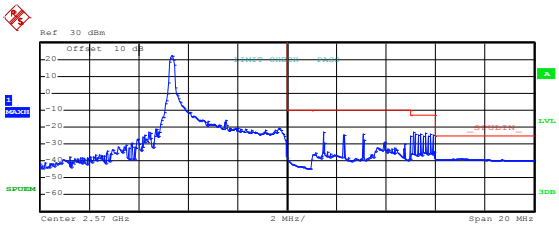
LTE Band 7, BW: 5MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493935 G	-37.65	-12.65
2.494 G	2.496 G	1.00 M	2.495726 G	-23.15	-10.15
2.496 G	2.499 G	1.00 M	2.498903 G	-10.89	-0.89
2.499 G	2.500 G	30.00 k	2.499990 G	-17.75	-7.75
2.500 G	2.510 G	100.00 k	2.500360 G	22.00	-11.00

Date: 6.DEC.2019 14:21:49

Lowest channel

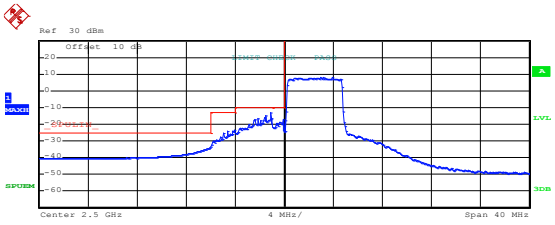


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565340 G	21.95	-11.05
2.570 G	2.571 G	30.00 k	2.570008 G	-37.94	-27.94
2.571 G	2.575 G	1.00 M	2.571452 G	-23.04	-13.04
2.575 G	2.576 G	1.00 M	2.575119 G	-22.67	-9.67
2.576 G	2.580 G	1.00 M	2.577036 G	-38.83	-13.83

Date: 6.DEC.2019 14:23:28

Highest channel

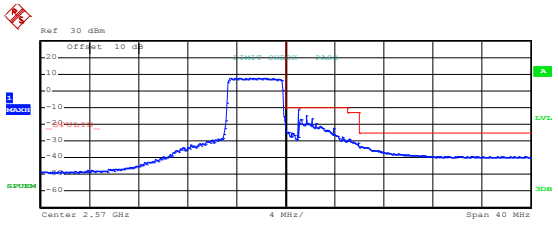
16QAM & RB Size 25



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.480 G	2.494 G	1.00 M	2.493887 G	-34.18	-9.18
2.494 G	2.496 G	1.00 M	2.495887 G	-23.56	-10.56
2.496 G	2.499 G	1.00 M	2.498879 G	-12.87	-2.87
2.499 G	2.500 G	100.00 k	2.499964 G	-17.68	-7.68
2.500 G	2.520 G	100.00 k	2.503920 G	7.97	-25.03

Date: 6.DEC.2019 14:27:02

Lowest channel

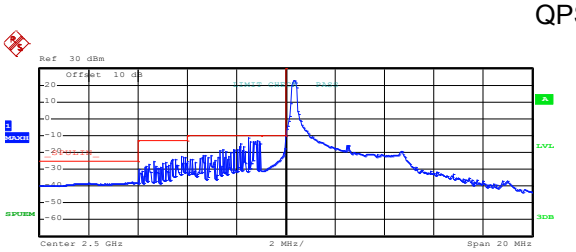


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.550 G	2.570 G	100.00 k	2.565820 G	7.77	-25.23
2.570 G	2.571 G	100.00 k	2.570016 G	-18.66	-8.66
2.571 G	2.575 G	1.00 M	2.571032 G	-11.34	-1.34
2.575 G	2.576 G	1.00 M	2.575169 G	-28.70	-15.70
2.576 G	2.590 G	1.00 M	2.576140 G	-33.39	-8.39

Date: 6.DEC.2019 14:25:27

Highest channel

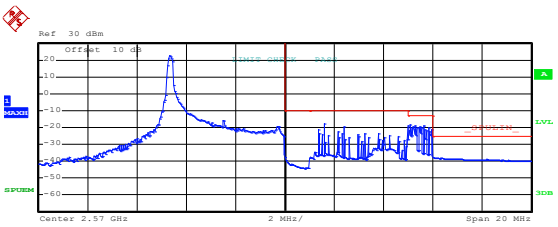
LTE Band 7, BW: 5MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493742 G	-37.82	-12.82
2.494 G	2.496 G	1.00 M	2.495742 G	-22.24	-9.24
2.496 G	2.499 G	1.00 M	2.498444 G	-11.38	-1.38
2.499 G	2.500 G	30.00 k	2.499996 G	-17.42	-7.42
2.500 G	2.510 G	100.00 k	2.500360 G	22.59	-10.41

Date: 6.DEC.2019 14:20:57

Lowest channel

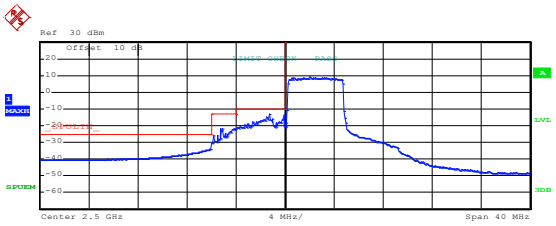


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565320 G	22.64	-10.36
2.570 G	2.571 G	30.00 k	2.570016 G	-37.96	-27.96
2.571 G	2.575 G	1.00 M	2.571548 G	-17.51	-7.51
2.575 G	2.576 G	1.00 M	2.575077 G	-18.19	-5.19
2.576 G	2.580 G	1.00 M	2.576016 G	-37.79	-12.79

Date: 6.DEC.2019 14:23:19

Highest channel

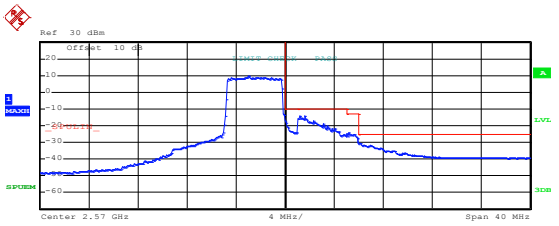
QPSK & RB Size 25



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.480 G	2.494 G	1.00 M	2.493887 G	-34.06	-9.06
2.494 G	2.496 G	1.00 M	2.494742 G	-21.55	-8.55
2.496 G	2.499 G	1.00 M	2.498734 G	-12.94	-2.94
2.499 G	2.500 G	100.00 k	2.499960 G	-13.68	-3.68
2.500 G	2.520 G	100.00 k	2.502000 G	9.08	-23.92

Date: 6.DEC.2019 14:26:52

Lowest channel

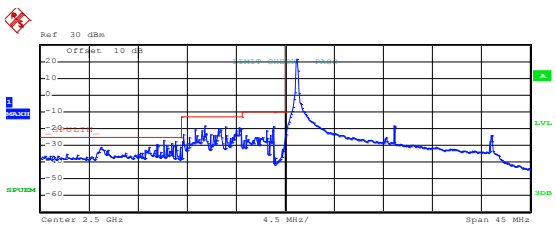


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.550 G	2.570 G	100.00 k	2.567040 G	9.54	-23.46
2.570 G	2.571 G	100.00 k	2.570008 G	-17.17	-7.17
2.571 G	2.575 G	1.00 M	2.571194 G	-14.02	-4.02
2.575 G	2.576 G	1.00 M	2.575177 G	-24.21	-11.21
2.576 G	2.590 G	1.00 M	2.576028 G	-30.12	-5.12

Date: 6.DEC.2019 14:25:12

Highest channel

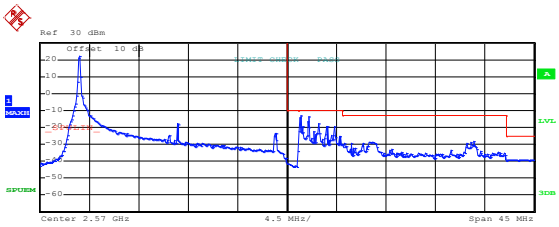
LTE Band 7, BW: 20MHz
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.490 G	1.00 M	2.488823 G	-27.08	-2.08
2.490 G	2.496 G	1.00 M	2.492640 G	-18.00	-5.00
2.496 G	2.499 G	1.00 M	2.498903 G	-18.78	-8.78
2.499 G	2.500 G	30.00 k	2.499999 G	-29.76	-19.76
2.500 G	2.523 G	100.00 k	2.501057 G	21.65	-11.35

Date: 6.DEC.2019 14:13:46

Lowest channel

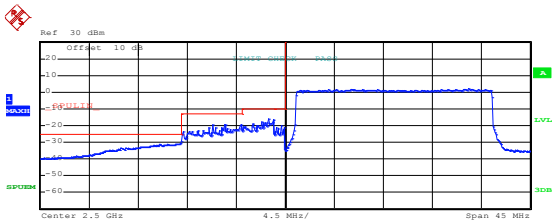


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.551100 G	22.06	-10.94
2.570 G	2.571 G	30.00 k	2.570166 G	-41.09	-31.09
2.571 G	2.575 G	1.00 M	2.571276 G	-13.20	-3.20
2.575 G	2.590 G	1.00 M	2.587015 G	-27.97	-14.97
2.590 G	2.592 G	1.00 M	2.590533 G	-39.08	-14.08

Date: 6.DEC.2019 14:15:56

Highest channel

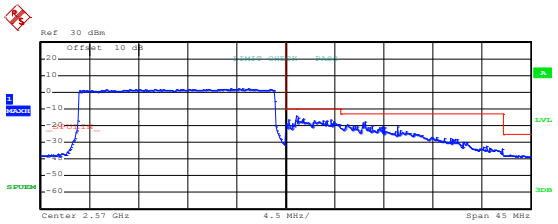
16QAM & RB Size 100



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.490 G	1.00 M	2.490487 G	-30.64	-5.64
2.490 G	2.496 G	1.00 M	2.494422 G	-19.15	-6.15
2.496 G	2.499 G	1.00 M	2.498469 G	-15.89	-5.89
2.499 G	2.500 G	300.00 k	2.499605 G	-20.16	-10.16
2.500 G	2.523 G	100.00 k	2.516853 G	2.10	-30.90

Date: 6.DEC.2019 14:11:35

Lowest channel

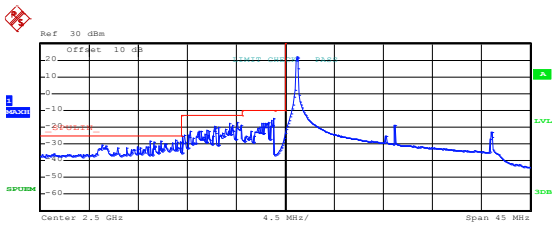


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.565703 G	2.09	-30.91
2.570 G	2.571 G	300.00 k	2.570248 G	-16.32	-6.32
2.571 G	2.575 G	1.00 M	2.571012 G	-13.99	-3.99
2.575 G	2.590 G	1.00 M	2.577310 G	-17.46	-4.46
2.590 G	2.592 G	1.00 M	2.590648 G	-37.68	-12.68

Date: 6.DEC.2019 14:09:30

Highest channel

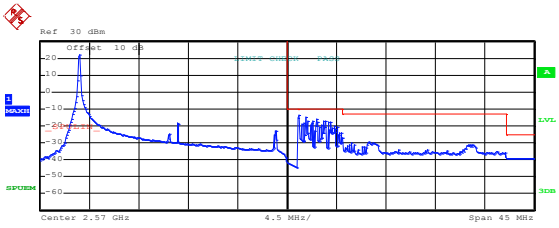
LTE Band 7, BW: 20MHz
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.490 G	1.00 M	2.489941 G	-27.31	-2.31
2.490 G	2.496 G	1.00 M	2.495626 G	-16.88	-3.88
2.496 G	2.499 G	1.00 M	2.499000 G	-14.71	-4.71
2.499 G	2.500 G	30.00 k	2.499999 G	-26.43	-16.43
2.500 G	2.523 G	100.00 k	2.501103 G	22.10	-10.90

Date: 6.DEC.2019 14:13:26

Lowest channel

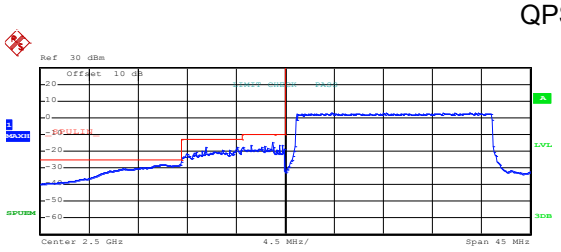


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.551100 G	22.27	-10.73
2.570 G	2.571 G	30.00 k	2.570035 G	-41.87	-31.87
2.571 G	2.575 G	1.00 M	2.571064 G	-13.48	-3.48
2.575 G	2.590 G	1.00 M	2.575030 G	-27.04	-14.04
2.590 G	2.592 G	1.00 M	2.590080 G	-39.12	-14.12

Date: 6.DEC.2019 14:15:10

Highest channel

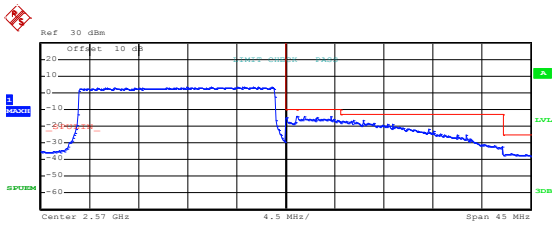
QPSK & RB Size 100



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.490 G	1.00 M	2.488498 G	-28.23	-3.23
2.490 G	2.496 G	1.00 M	2.495571 G	-17.56	-4.56
2.496 G	2.499 G	1.00 M	2.498826 G	-14.69	-4.69
2.499 G	2.500 G	300.00 k	2.499471 G	-16.50	-6.50
2.500 G	2.523 G	100.00 k	2.515547 G	2.94	-30.06

Date: 6.DEC.2019 14:11:25

Lowest channel

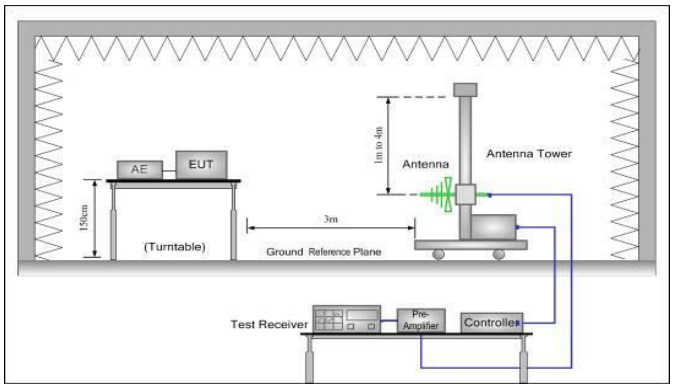
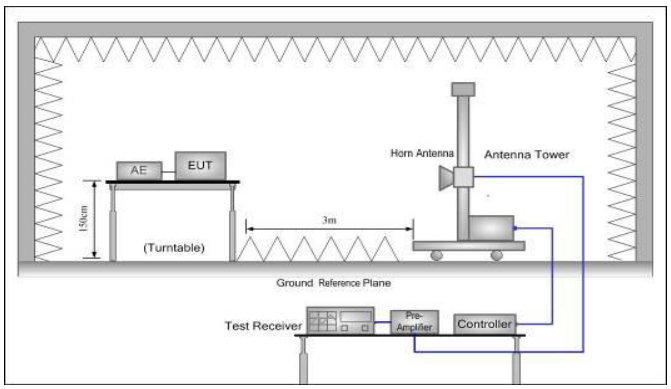


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.565545 G	3.58	-29.42
2.570 G	2.571 G	300.00 k	2.570098 G	-14.72	-4.72
2.571 G	2.575 G	1.00 M	2.574160 G	-13.98	-3.98
2.575 G	2.590 G	1.00 M	2.576170 G	-16.32	-3.32
2.590 G	2.592 G	1.00 M	2.590720 G	-36.54	-11.54

Date: 6.DEC.2019 14:09:17

Highest channel

6.5 Field strength of spurious radiation measurement

Test Requirement:	Part 22.917(b), Part 24.238 (a), Part 27.53(m), Part 27.53(h)
Limit:	LTE Band 2 & 4 & 5: The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$(P) dB (-13 dBm). LTE Band 7: 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 that 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.
Test setup:	Below 1GHz  Above 1GHz 
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. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data:

LTE Band 2 part:

LTE Band 2, WB: 1.4MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3701.40	Vertical	-47.66	-13.00	Pass
5552.10	V	-42.30		
7402.00	V	-37.32		
3701.40	Horizontal	-48.20		
5552.10	H	-40.65		
7402.00	H	-36.91		
Middle Channel				
3760.00	Vertical	-47.63	-13.00	Pass
5640.00	V	-42.38		
7520.00	V	-37.56		
3760.00	Horizontal	-48.23		
5640.00	H	-40.67		
7520.00	H	-36.89		
Highest Channel				
3816.60	Vertical	-47.67	-13.00	Pass
5724.90	V	-42.83		
7633.20	V	-37.54		
3816.60	Horizontal	-48.29		
5724.90	H	-36.91		
7633.20	H	-37.37		

Note:
1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.
2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 2, WB: 20MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3720.00	Vertical	-47.53	-13.00	Pass
5580.00	V	-42.34		
7440.00	V	-37.25		
3720.00	Horizontal	-48.53		
5580.00	H	-36.78		
7440.00	H	-37.94		
Middle Channel				
3760.00	Vertical	-47.53	-13.00	Pass
5640.00	V	-42.37		
7520.00	V	-37.83		
3760.00	Horizontal	-48.53		
5640.00	H	-36.89		
7520.00	H	-37.42		
Highest Channel				
3800.00	Vertical	-47.62	-13.00	Pass
5700.00	V	-42.39		
7600.00	V	-37.64		
3800.00	Horizontal	-48.59		
5700.00	H	-36.67		
7600.00	H	-37.82		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4 part:

LTE Band 4, WB: 1.4MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3421.40	Vertical	-47.77	-13.00	Pass
5132.10	V	-43.72		
6842.80	V	-37.94		
3421.40	Horizontal	-44.72		
5132.10	H	-43.02		
6842.80	H	-37.48		
Middle Channel				
3465.00	Vertical	-47.38	-13.00	Pass
5197.50	V	-43.67		
6930.00	V	-37.86		
3465.00	Horizontal	-44.73		
5197.50	H	-43.82		
6930.00	H	-37.58		
Highest Channel				
3508.60	Vertical	-47.52	-13.00	Pass
5262.90	V	-43.37		
7017.20	V	-37.84		
3508.60	Horizontal	-44.89		
5262.90	H	-43.67		
7017.20	H	-37.85		

Note:
1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.
2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4, WB: 20MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3440.00	Vertical	-47.47	-13.00	Pass
5160.00	V	-43.56		
6880.00	V	-37.91		
3440.00	Horizontal	-44.86		
5160.00	H	-43.72		
6880.00	H	-37.84		
Middle Channel				
3465.00	Vertical	-47.58	-13.00	Pass
5197.50	V	-43.62		
6930.00	V	-37.86		
3465.00	Horizontal	-44.92		
5197.50	H	-43.67		
6930.00	H	-37.85		
Highest Channel				
3490.00	Vertical	-47.59	-13.00	Pass
5235.00	V	-43.61		
6980.00	V	-37.87		
3490.00	Horizontal	-44.52		
5235.00	H	-43.68		
6980.00	H	-37.92		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 5 part:

LTE Band 5, WB: 1.4MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
1649.40	Vertical	-43.22	-13.00	Pass
2474.10	V	-51.75		
3298.80	V	-50.08		
1649.40	Horizontal	-41.17		
2474.10	H	-53.24		
3298.80	H	-49.54		
Middle Channel				
1673.00	Vertical	-43.92	-13.00	Pass
2509.50	V	-51.86		
3346.00	V	-50.34		
1673.00	Horizontal	-41.26		
2509.50	H	-53.67		
3346.00	H	-49.85		
Highest Channel				
1696.60	Vertical	-43.85	-13.00	Pass
2544.90	V	-51.92		
3393.20	V	-50.36		
1696.60	Horizontal	-41.32		
2544.90	H	-53.74		
3393.20	H	-49.96		

Note:
1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.
2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 5, WB: 10MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
1658.00	Vertical	-43.41	-13.00	Pass
2487.00	V	-51.86		
3316.00	V	-50.11		
1658.00	Horizontal	-41.26		
2487.00	H	-53.37		
3316.00	H	-49.83		
Middle Channel				
1673.00	Vertical	-43.87	-13.00	Pass
2509.50	V	-51.96		
3346.00	V	-50.43		
1673.00	Horizontal	-41.28		
2509.50	H	-53.76		
3346.00	H	-49.64		
Highest Channel				
1688.00	Vertical	-43.65	-13.00	Pass
2532.00	V	-51.89		
3376.00	V	-50.36		
1688.00	Horizontal	-41.38		
2532.00	H	-53.62		
3376.00	H	-49.53		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 7 part:

LTE Band 7, WB: 5MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
5005.00	Vertical	-27.29	-25.00	Pass
7507.50	V	-37.08		
10010.00	V	-32.95		
5005.00	Horizontal	-30.72		
7507.50	H	-36.96		
10010.00	H	-33.66		
Middle Channel				
5070.00	Vertical	-27.36	-25.00	Pass
7605.00	V	-37.12		
10140.00	V	-32.94		
5070.00	Horizontal	-30.73		
7605.00	H	-36.84		
10140.00	H	-33.73		
Highest Channel				
5135.00	Vertical	-27.46	-25.00	Pass
7702.50	V	-37.26		
10270.00	V	-32.98		
5135.00	Horizontal	-30.76		
7702.50	H	-36.74		
10270.00	H	-33.85		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

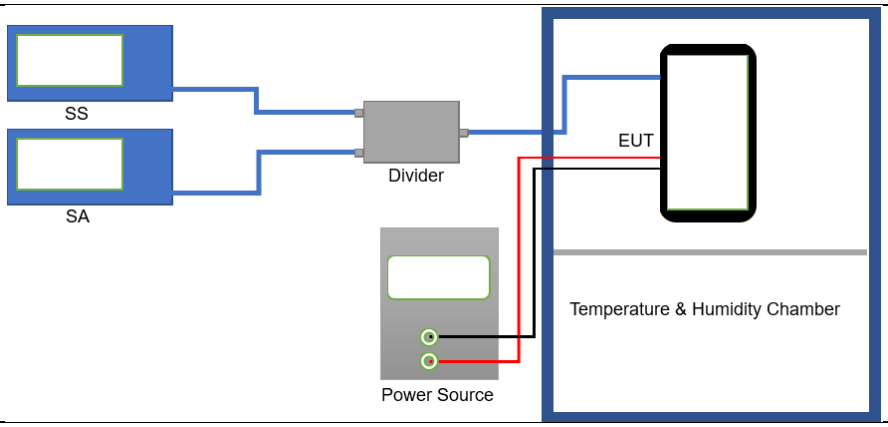
LTE Band 7, WB: 20MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
5020.00	Vertical	-27.46	-25.00	Pass
7530.00	V	-37.35		
10040.00	V	-32.89		
5020.00	Horizontal	-30.68		
7530.00	H	-36.91		
10040.00	H	-33.74		
Middle Channel				
5070.00	Vertical	-27.46	-25.00	Pass
7605.00	V	-37.25		
10140.00	V	-32.98		
5070.00	Horizontal	-30.64		
7605.00	H	-36.93		
10140.00	H	-33.67		
Highest Channel				
5120.00	Vertical	-27.57	-25.00	Pass
7680.00	V	-37.83		
10240.00	V	-32.95		
5120.00	Horizontal	-30.67		
7680.00	H	-36.89		
10240.00	H	-33.94		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

6.6 Frequency stability V.S. Temperature measurement

Test Requirement:	Part 22.355, Part 24.235, Part 27.54, Part 2.1055(a)(1)(b)
Limit:	±2.5ppm For Band 5 Within authorized band For Band 2/4/7
Test setup:	
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℃ operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case):

LTE Band 2 part:

Reference Frequency: LTE Band 2 (10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.80	-30	177	0.094149	Within authorized band for LTE-Band 2	Pass
	-20	169	0.089894		
	-10	151	0.080319		
	0	143	0.076064		
	10	136	0.072340		
	20	127	0.067553		
	30	120	0.063830		
	40	110	0.058511		
	50	160	0.085106		
16QAM					
3.80	-30	170	0.090426	Within authorized band for LTE-Band 2	Pass
	-20	166	0.088298		
	-10	155	0.082447		
	0	147	0.078191		
	10	140	0.074468		
	20	131	0.069681		
	30	126	0.067021		
	40	119	0.063298		
	50	109	0.057979		
Note: Only the worst case shown in the report.					

LTE Band 4 part:

Reference Frequency: LTE Band 4 (10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.80	-30	176	0.101587	Within authorized band for LTE-Band 4	Pass
	-20	167	0.096392		
	-10	159	0.091775		
	0	143	0.082540		
	10	137	0.079076		
	20	130	0.075036		
	30	121	0.069841		
	40	112	0.064646		
	50	150	0.086580		
16QAM					
3.80	-30	170	0.098124	Within authorized band for LTE-Band 4	Pass
	-20	164	0.094661		
	-10	153	0.088312		
	0	145	0.083694		
	10	139	0.080231		
	20	130	0.075036		
	30	121	0.069841		
	40	112	0.064646		
	50	107	0.061760		
Note: Only the worst case shown in the report.					

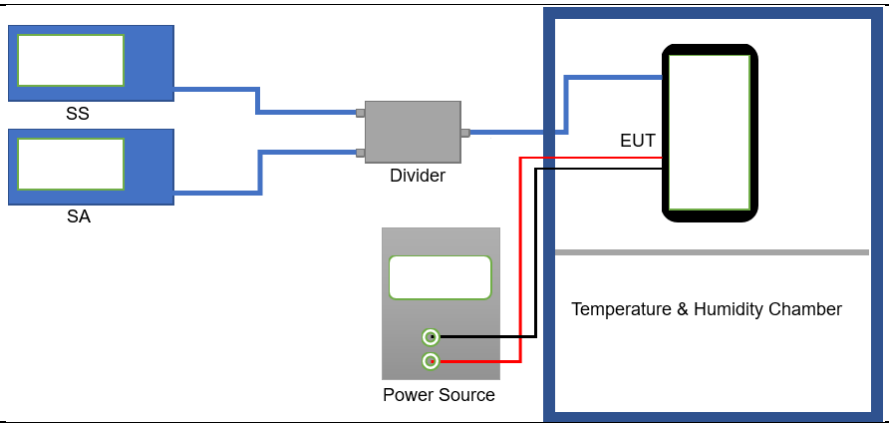
LTE Band 5 part:

Reference Frequency: LTE Band 5 (10MHz) Middle channel=20525 channel=836.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.80	-30	173	0.206814	±2.5	Pass
	-20	166	0.198446		
	-10	150	0.179319		
	0	142	0.169755		
	10	137	0.163778		
	20	122	0.145846		
	30	116	0.138673		
	40	105	0.125523		
	50	130	0.155409		
16QAM					
3.80	-30	169	0.202032	±2.5	Pass
	-20	153	0.182905		
	-10	146	0.174537		
	0	160	0.191273		
	10	136	0.162582		
	20	130	0.155409		
	30	124	0.148237		
	40	113	0.135087		
	50	102	0.121937		
Note: Only the worst case shown in the report.					

LTE Band 7 part:

Reference Frequency: LTE Band 7 (10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.80	-30	179	0.070611	Within authorized band for LTE-Band 7	Pass
	-20	161	0.063511		
	-10	155	0.061144		
	0	148	0.058383		
	10	140	0.055227		
	20	134	0.052860		
	30	127	0.050099		
	40	110	0.043393		
	50	170	0.067061		
16QAM					
3.80	-30	170	0.067061	Within authorized band for LTE-Band 7	Pass
	-20	132	0.052071		
	-10	163	0.064300		
	0	150	0.059172		
	10	144	0.056805		
	20	154	0.060750		
	30	121	0.047732		
	40	113	0.044576		
	50	101	0.039842		
Note: Only the worst case shown in the report.					

6.7 Frequency stability V.S. Voltage measurement

Test Requirement:	Part 22.355, Part 24.235, Part 27.54, Part 2.1055(d)(2)
Limit:	±2.5ppm For Band 5 Within authorized band For Band 2/4/7
Test setup:	
Test procedure:	1. Set chamber temperature to 25℃. 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 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case):

LTE Band 2 part:

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.35	80	0.042553	Within authorized band for LTE-Band 2	Pass
	3.80	70	0.037234		
	3.50	60	0.031915		
16QAM					
25	4.35	83	0.044149	Within authorized band for LTE-Band 2	Pass
	3.80	74	0.039362		
	3.50	62	0.032979		
Note: Only the worst case shown in the report.					

LTE Band 4 part:

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.35	87	0.050216	Within authorized band for LTE-Band 4	Pass
	3.80	70	0.040404		
	3.50	59	0.034055		
16QAM					
25	4.35	80	0.046176	Within authorized band for LTE-Band 4	Pass
	3.80	61	0.035209		
	3.50	54	0.031169		
Note: Only the worst case shown in the report.					

LTE Band 5 part:

Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 channel=836.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.35	81	0.096832	±2.5	Pass
	3.80	72	0.086073		
	3.50	63	0.075314		
16QAM					
25	4.35	79	0.094441	±2.5	Pass
	3.80	60	0.071727		
	3.50	55	0.065750		
Note: Only the worst case shown in the report.					

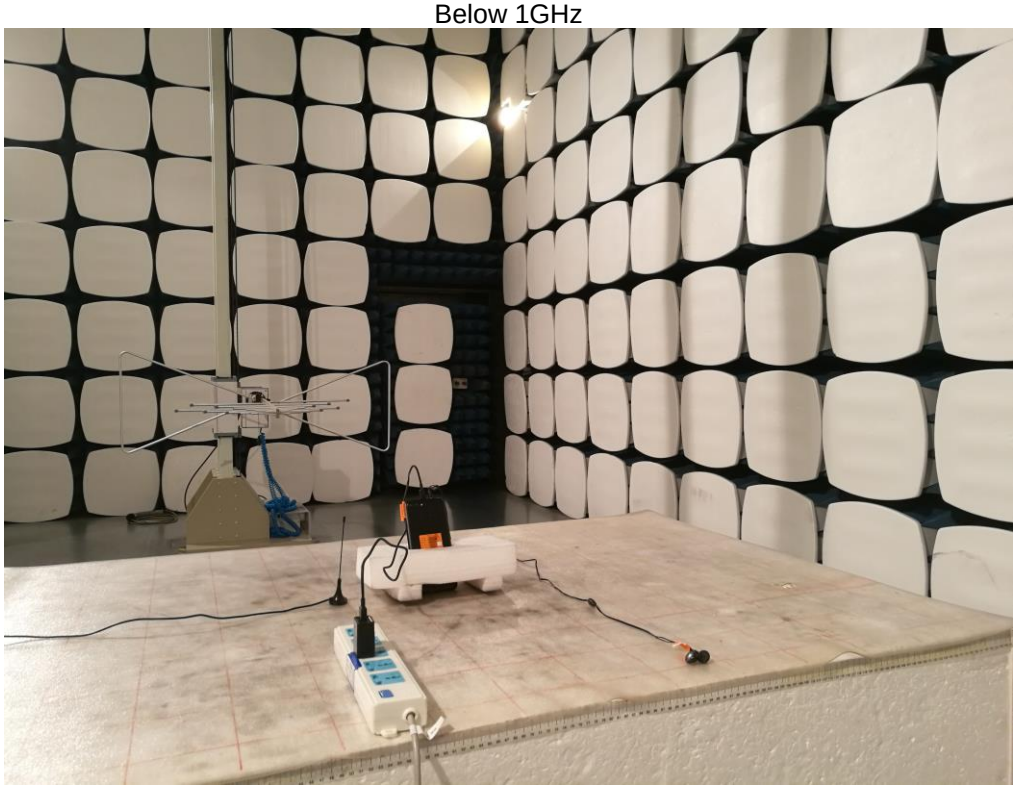
LTE Band 7 part:

Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.35	83	0.032742	Within authorized band for LTE-Band 7	Pass
	3.80	70	0.027613		
	3.50	52	0.020513		
16QAM					
25	4.35	81	0.031953	Within authorized band for LTE-Band 7	Pass
	3.80	56	0.022091		
	3.50	70	0.027613		
Note: Only the worst case shown in the report.					

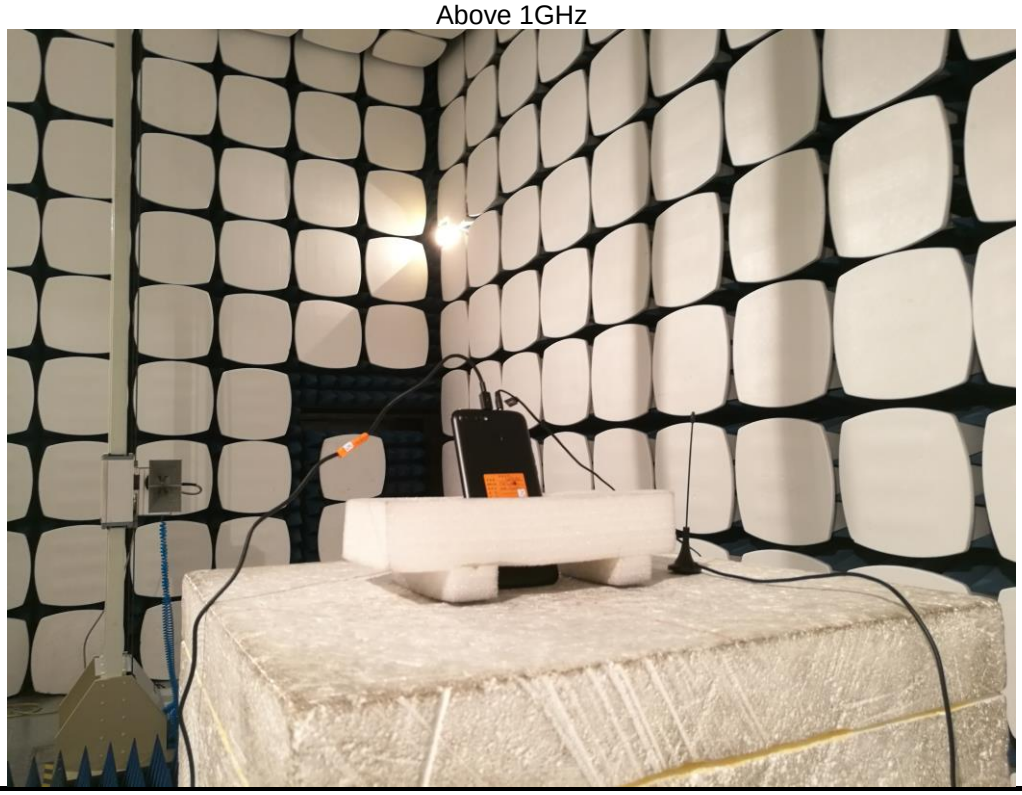
7 Test Setup Photo

Radiated Spurious Emission

Below 1GHz



Above 1GHz



8 EUT Constructional Details

Reference to the test report No. CCISE191202201.

------End of report------