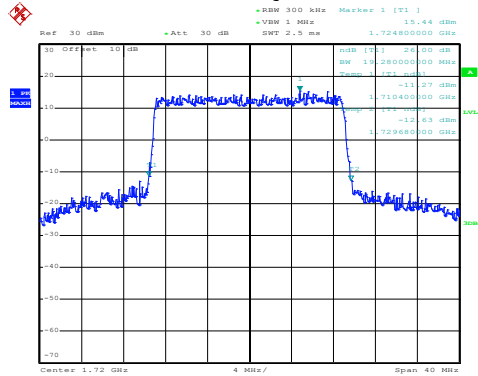


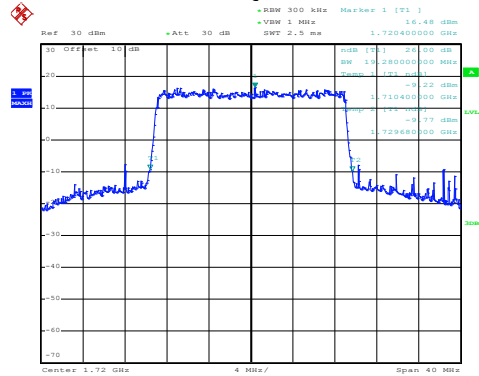
LTE Band 4: -26dBc bandwidth
BW: 20MHz

16QAM



Date: 15.MAY.2020 10:07:07

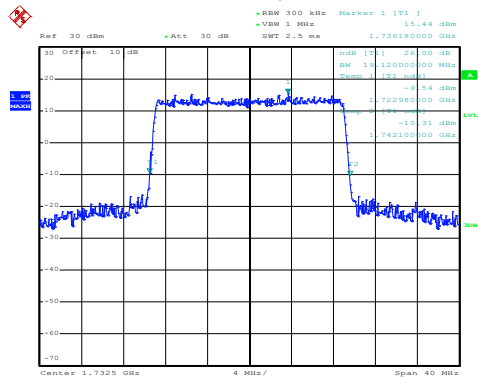
QPSK



Date: 15.MAY.2020 10:07:04

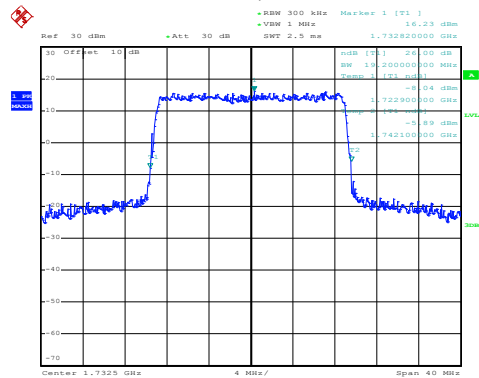
Lowest channel

16QAM



Date: 15.MAY.2020 10:07:23

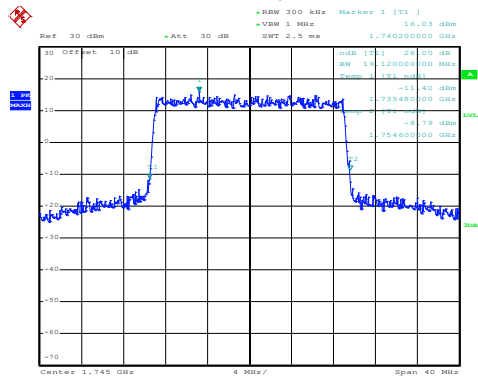
QPSK



Date: 15.MAY.2020 10:07:19

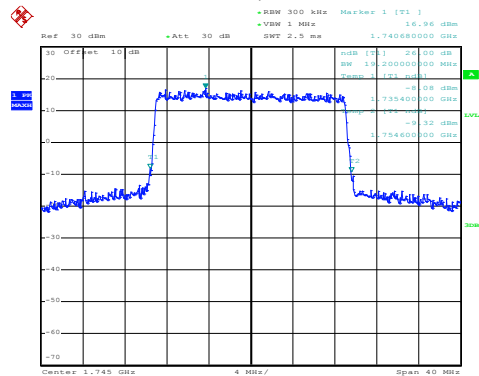
Middle channel

16QAM



Date: 15.MAY.2020 10:08:02

QPSK



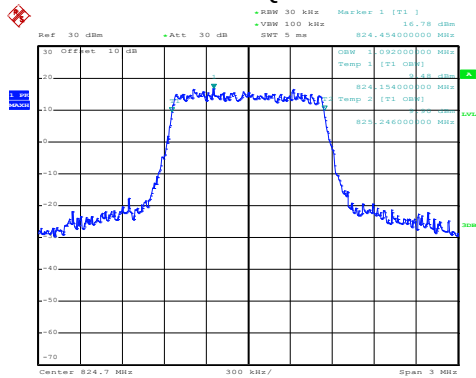
Date: 15.MAY.2020 10:07:57

Highest channel

LTE Band 5 part:

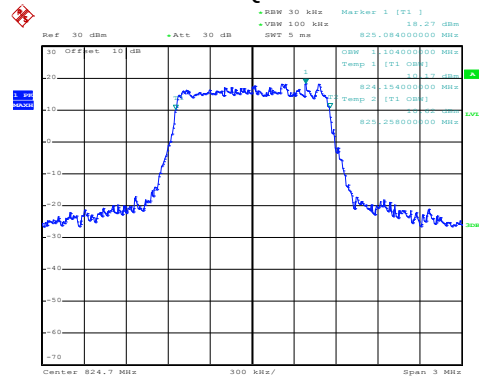
LTE Band 5: 99% Occupancy bandwidth
BW: 1.4MHz

16QAM



Date: 15.MAY.2020 09:59:58

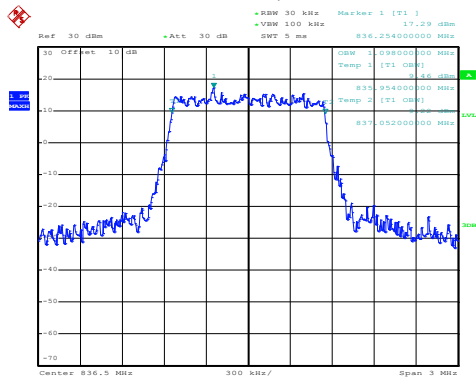
QPSK



Date: 15.MAY.2020 09:59:52

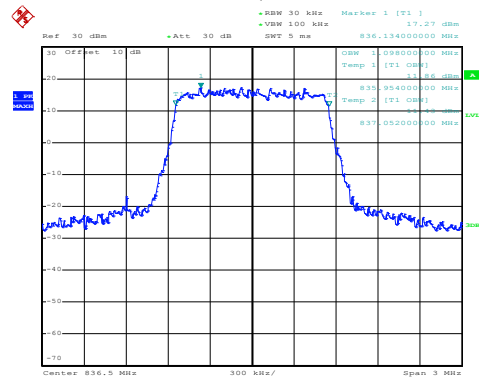
Lowest channel

16QAM



Date: 15.MAY.2020 10:00:34

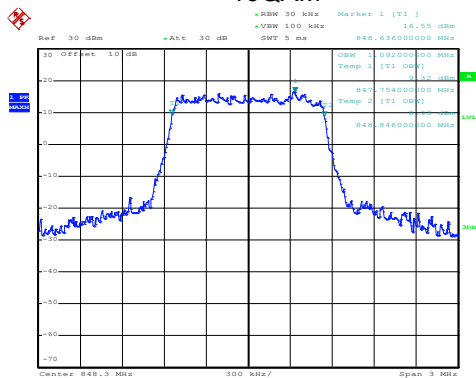
QPSK



Date: 15.MAY.2020 10:00:31

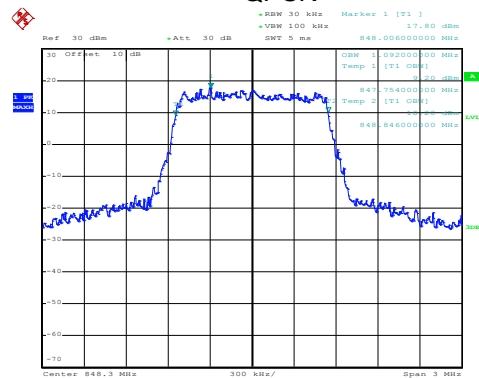
Middle channel

16QAM



Date: 15.MAY.2020 10:00:51

QPSK

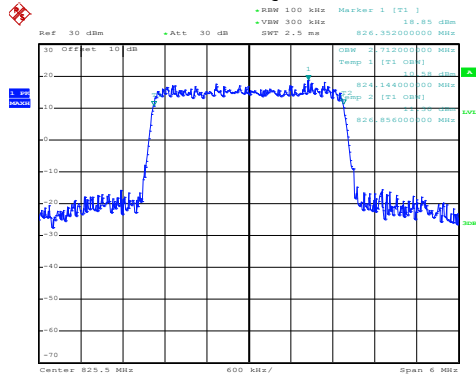


Date: 15.MAY.2020 10:00:46

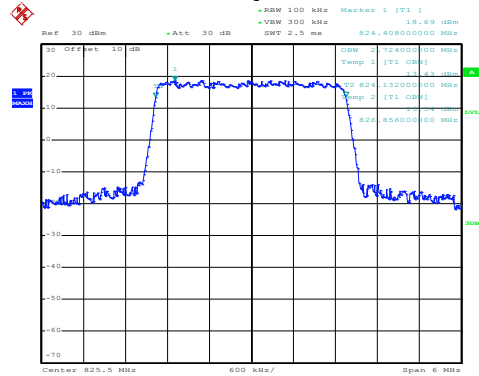
Highest channel

LTE Band 5: 99% Occupancy bandwidth
BW: 3MHz

16QAM

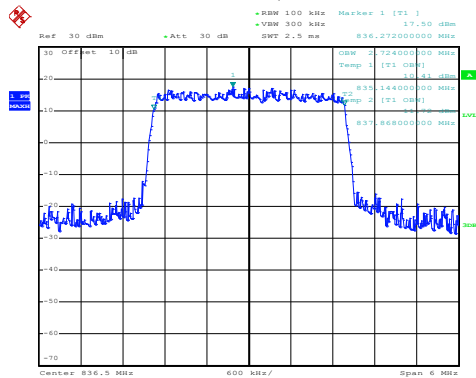


QPSK

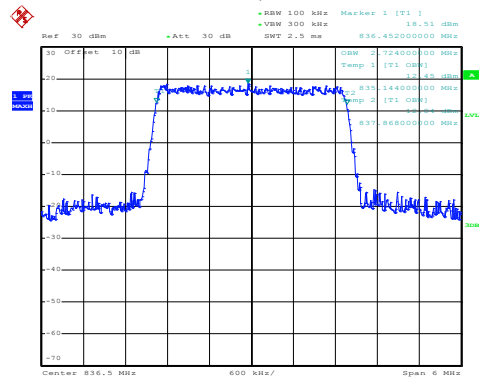


Lowest channel

16QAM

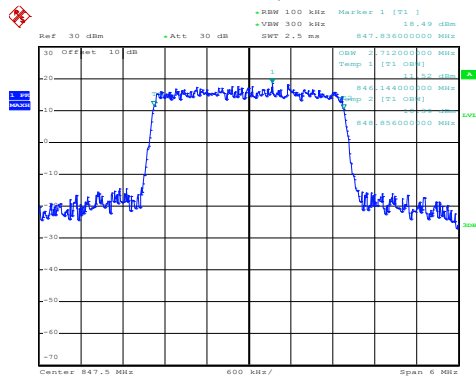


QPSK

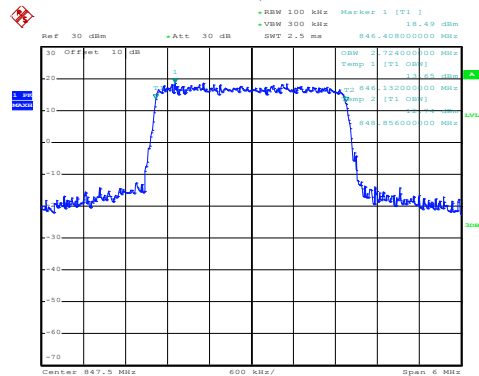


Middle channel

16QAM



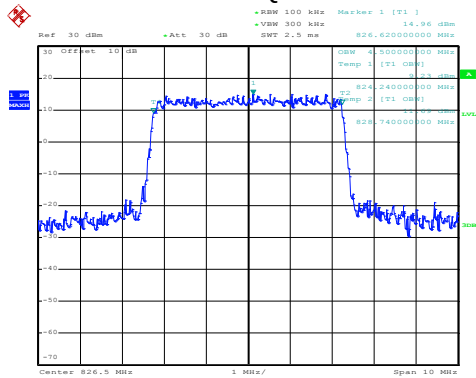
QPSK



Highest channel

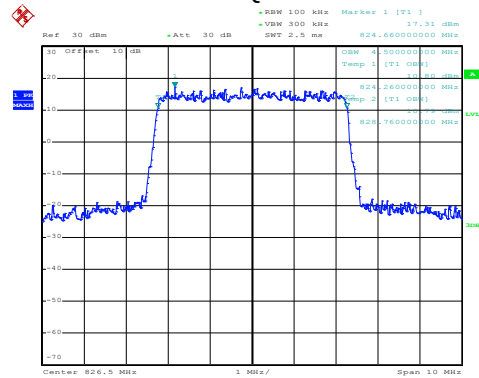
LTE Band 5: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 10:03:48

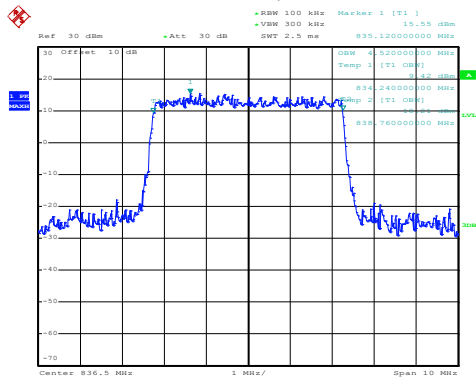
QPSK



Date: 15.MAY.2020 10:03:44

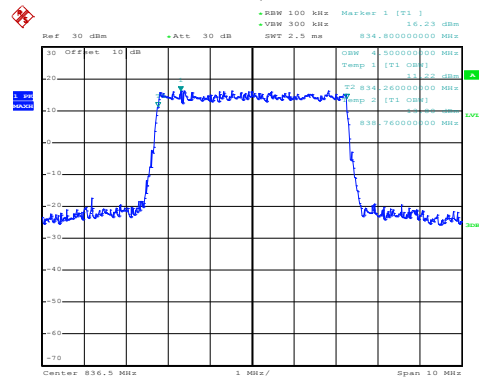
Lowest channel

16QAM



Date: 15.MAY.2020 10:04:23

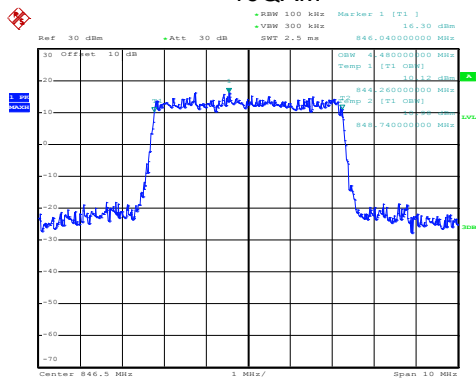
QPSK



Date: 15.MAY.2020 10:04:19

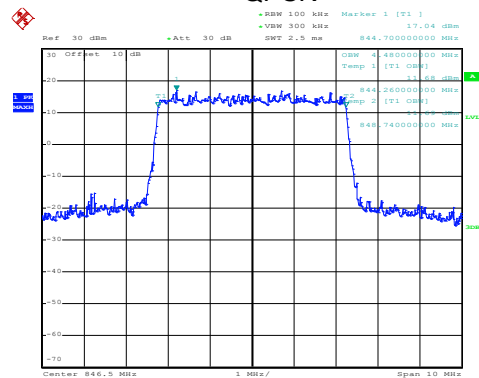
Middle channel

16QAM



Date: 15.MAY.2020 10:04:38

QPSK

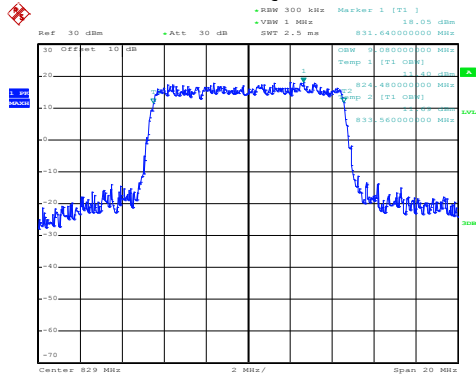


Date: 15.MAY.2020 10:04:34

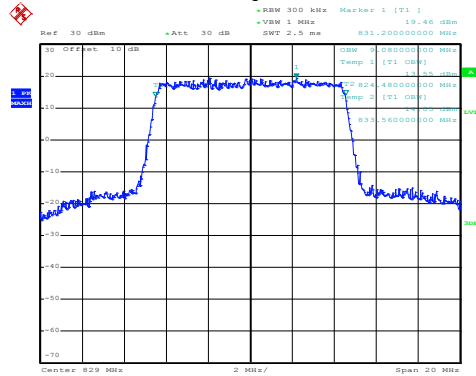
Highest channel

LTE Band 5: 99% Occupancy bandwidth
BW: 10MHz

16QAM

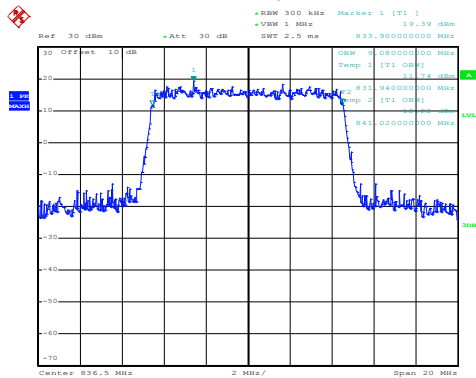


QPSK

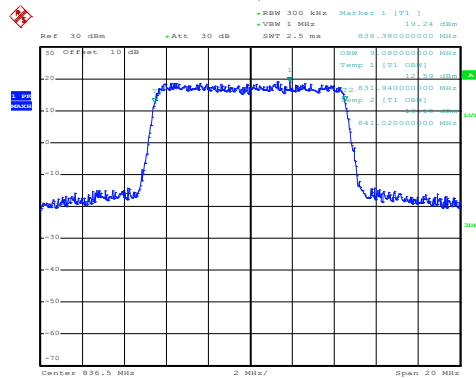


Lowest channel

16QAM

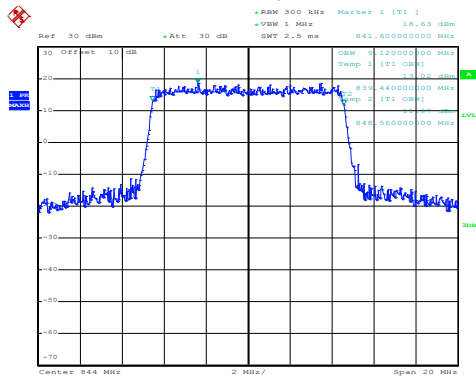


QPSK

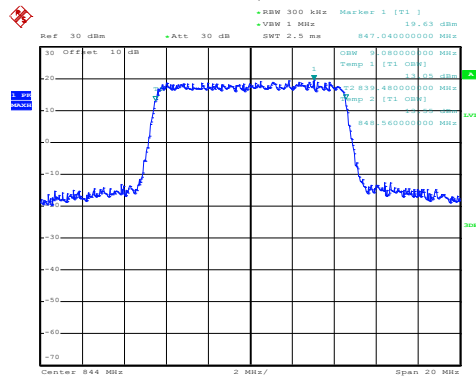


Middle channel

16QAM



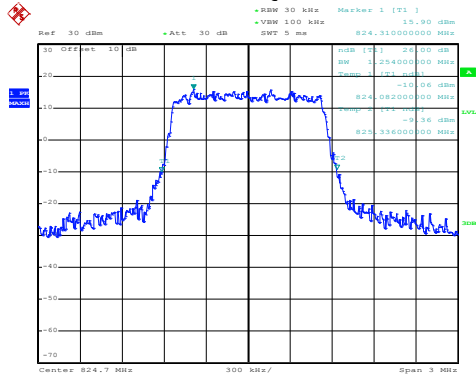
QPSK



Highest channel

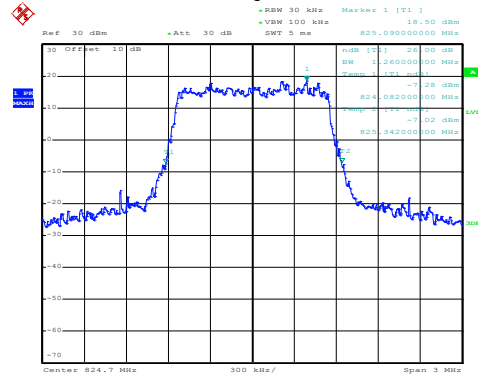
LTE Band 5: -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 15.MAY.2020 10:00:08

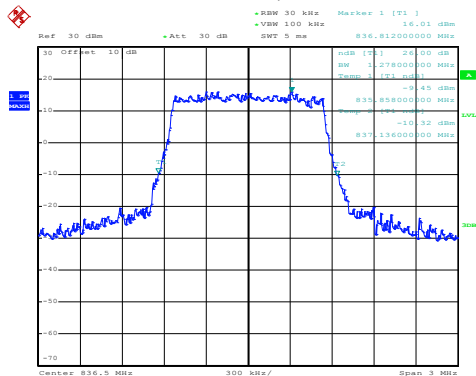
QPSK



Date: 15.MAY.2020 10:00:04

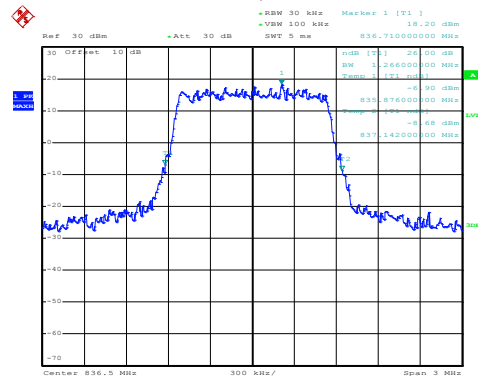
Lowest channel

16QAM



Date: 15.MAY.2020 10:00:23

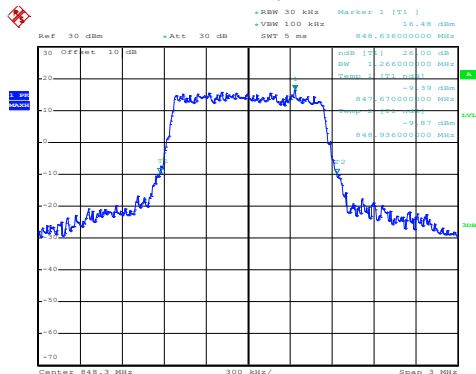
QPSK



Date: 15.MAY.2020 10:00:19

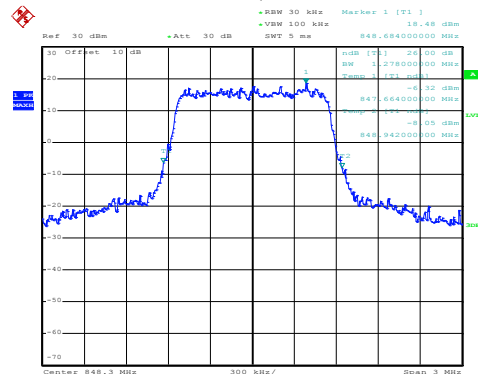
Middle channel

16QAM



Date: 15.MAY.2020 10:01:02

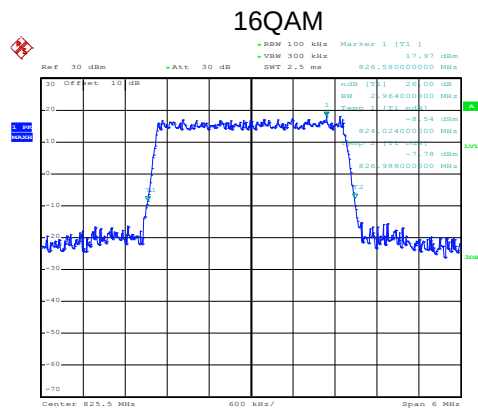
QPSK



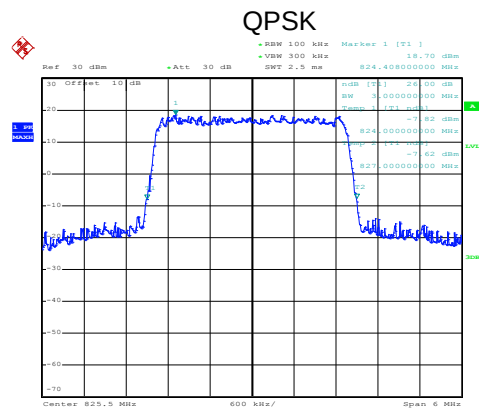
Date: 15.MAY.2020 10:00:58

Highest channel

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

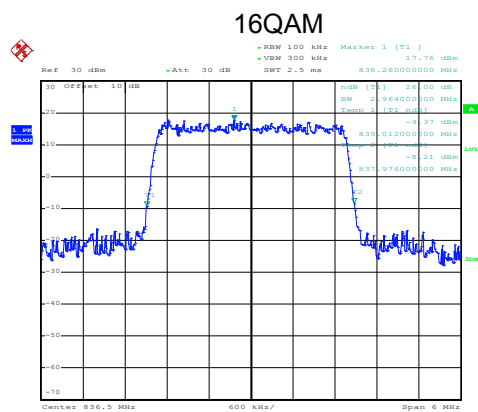


Date: 15.MAY.2020 10:01:33

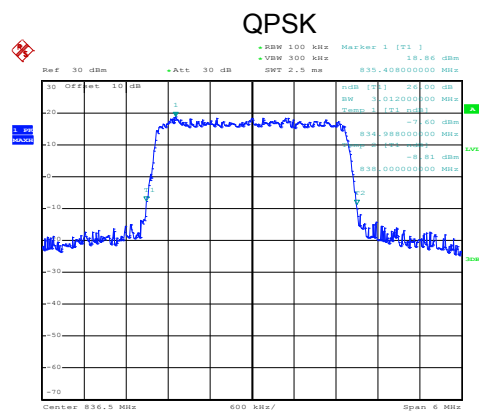


Date: 15.MAY.2020 10:01:28

Lowest channel

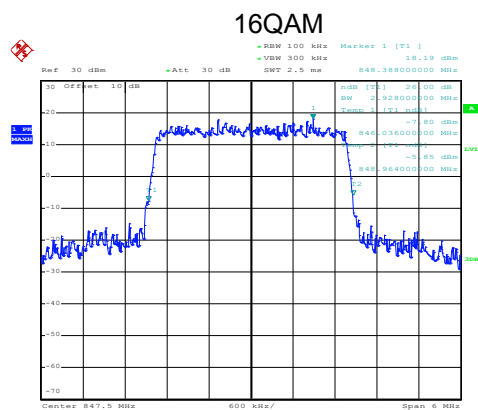


Date: 15.MAY.2020 10:02:20

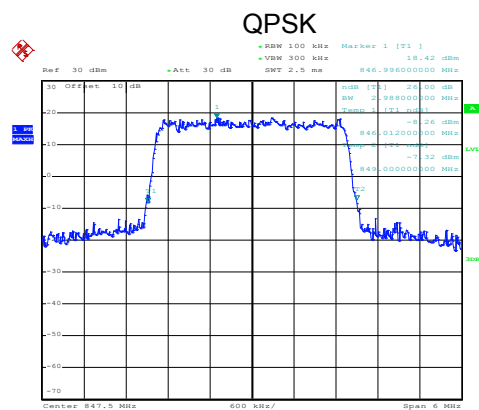


Date: 15.MAY.2020 10:02:16

Middle channel



Date: 15.MAY.2020 10:03:13

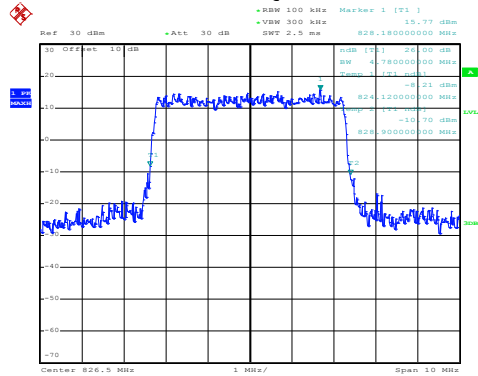


Date: 15.MAY.2020 10:03:09

Highest channel

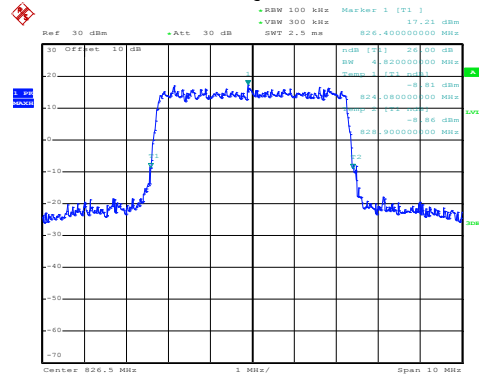
LTE Band 5: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 10:03:58

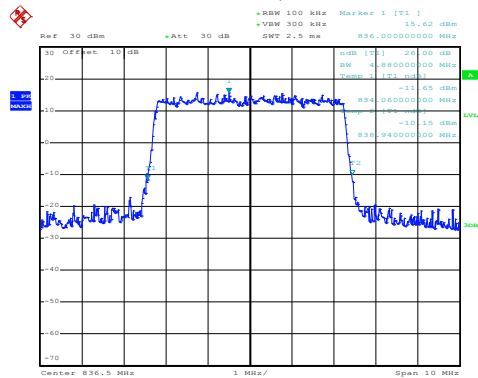
QPSK



Date: 15.MAY.2020 10:03:55

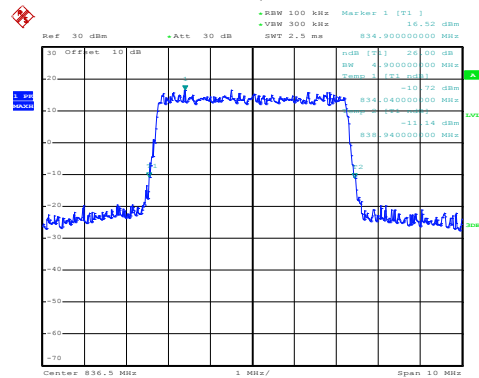
Lowest channel

16QAM



Date: 15.MAY.2020 10:04:11

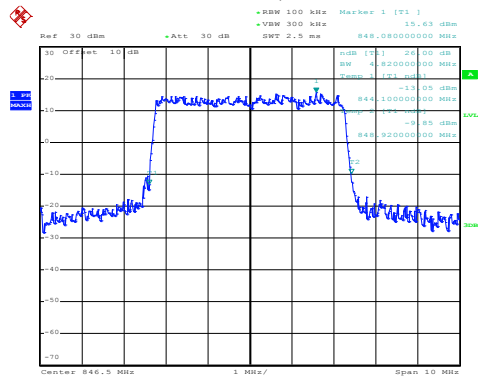
QPSK



Date: 15.MAY.2020 10:04:06

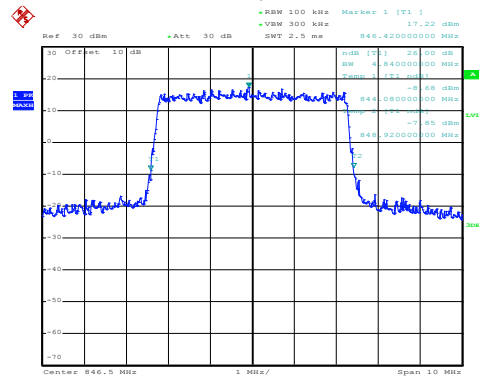
Middle channel

16QAM



Date: 15.MAY.2020 10:04:49

QPSK

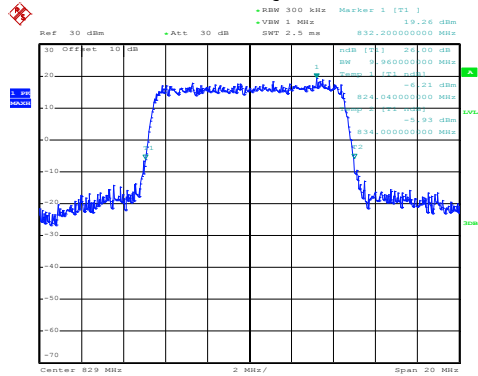


Date: 15.MAY.2020 10:04:45

Highest channel

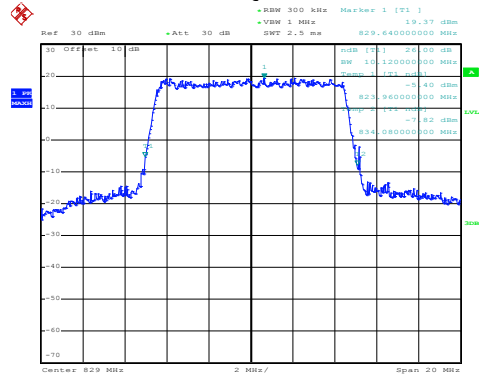
LTE Band 5: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 10:05:21

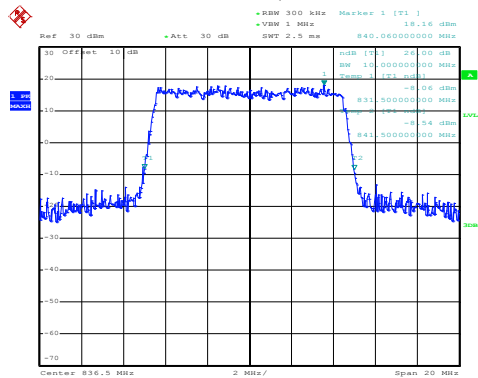
QPSK



Date: 15.MAY.2020 10:05:17

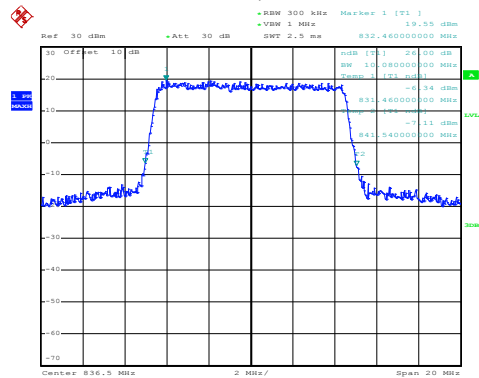
Lowest channel

16QAM



Date: 15.MAY.2020 10:05:53

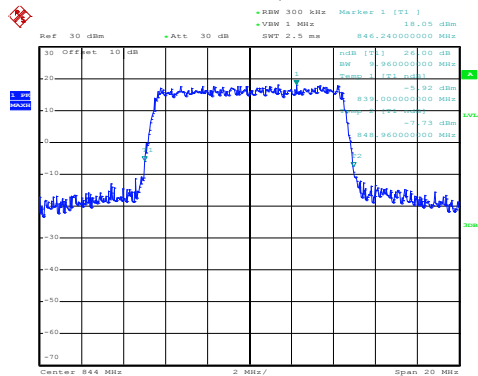
QPSK



Date: 15.MAY.2020 10:05:50

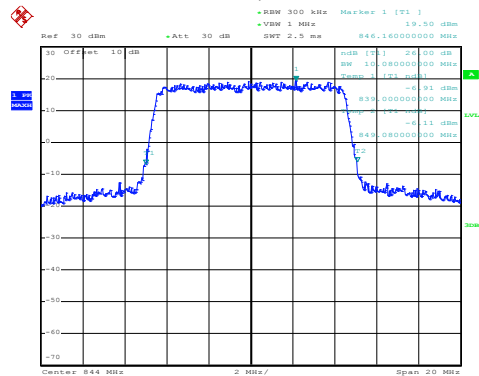
Middle channel

16QAM



Date: 15.MAY.2020 10:06:09

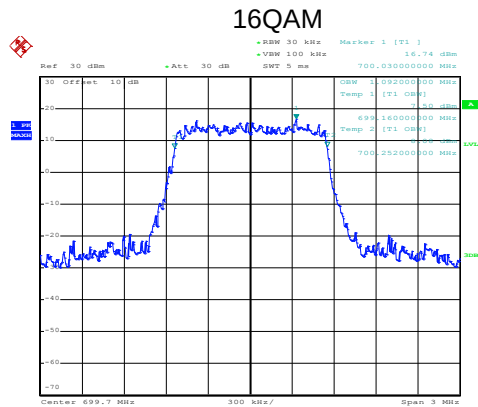
QPSK



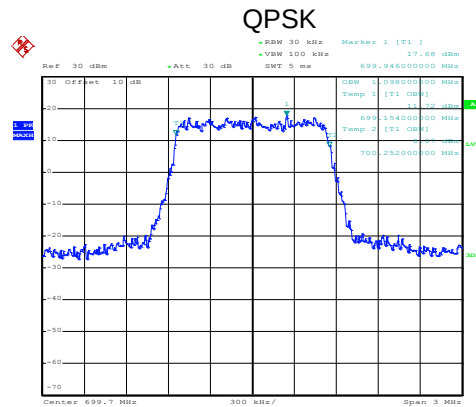
Date: 15.MAY.2020 10:06:05

Highest channel

LTE Band 12 part:

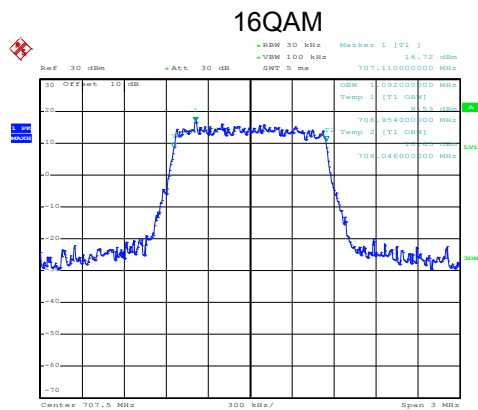
LTE Band 12: 99% Occupancy bandwidth
BW: 1.4MHz

Date: 15.MAY.2020 09:58:40

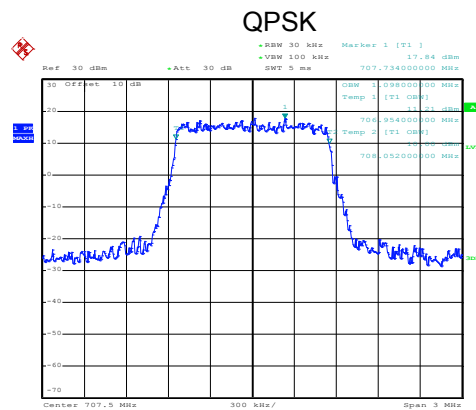


Date: 15.MAY.2020 09:58:36

Lowest channel

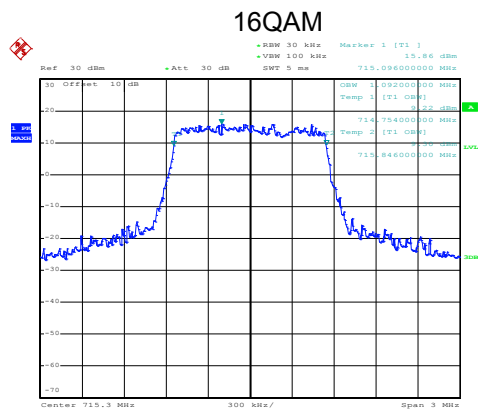


Date: 15.MAY.2020 09:58:53

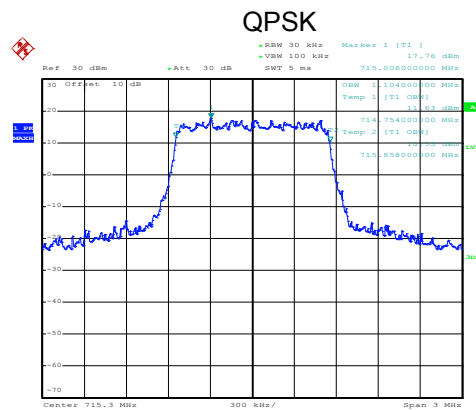


Date: 15.MAY.2020 09:58:48

Middle channel



Date: 15.MAY.2020 09:59:31

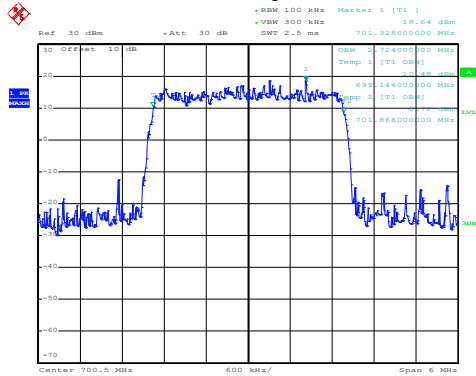


Date: 15.MAY.2020 09:59:26

Highest channel

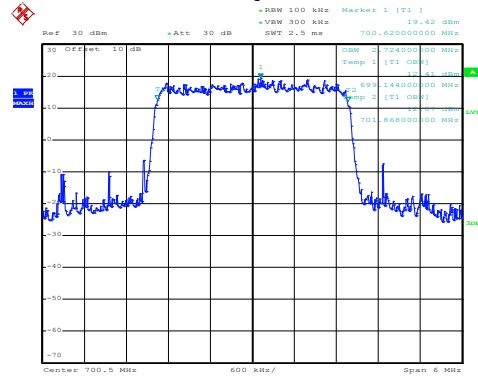
LTE Band 12: 99% Occupancy bandwidth
BW: 3MHz

16QAM



Date: 15.MAY.2020 09:56:51

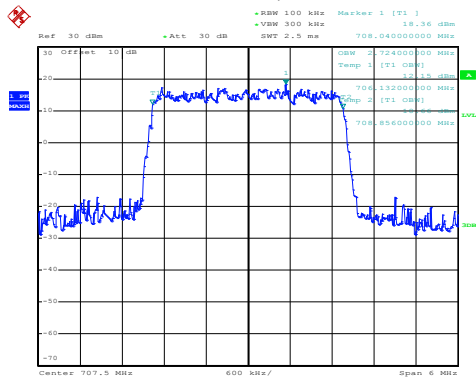
QPSK



Date: 15.MAY.2020 09:56:48

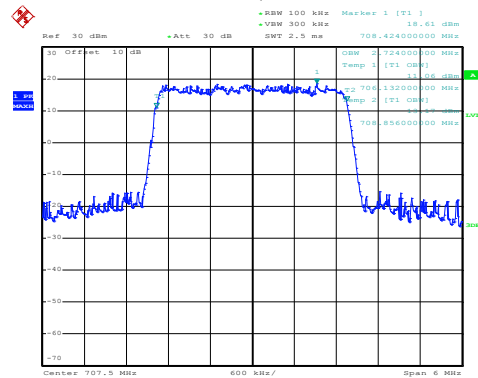
Lowest channel

16QAM



Date: 15.MAY.2020 09:57:26

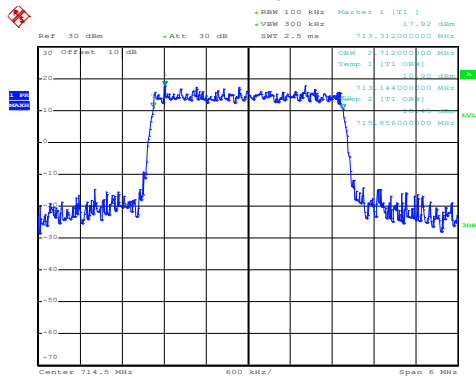
QPSK



Date: 15.MAY.2020 09:57:22

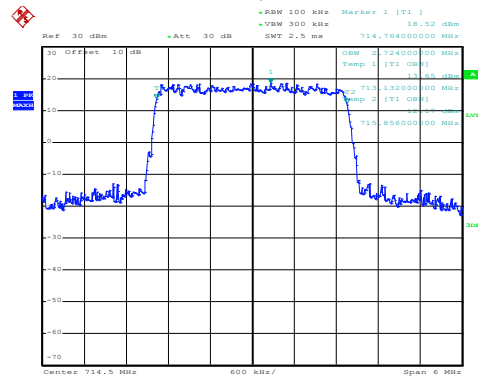
Middle channel

16QAM



Date: 15.MAY.2020 09:57:41

QPSK

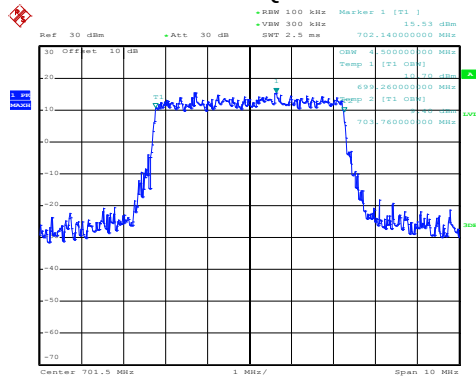


Date: 15.MAY.2020 09:57:38

Highest channel

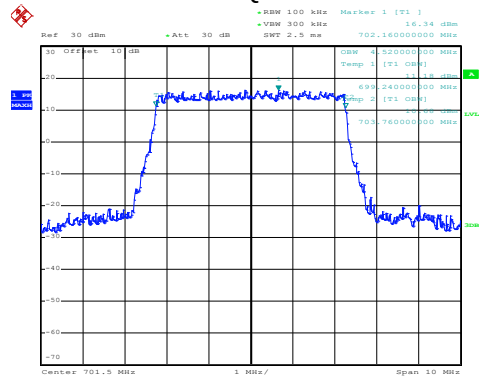
LTE Band 12: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 09:55:24

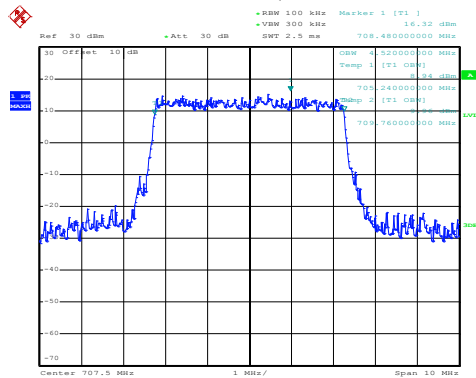
QPSK



Date: 15.MAY.2020 09:55:20

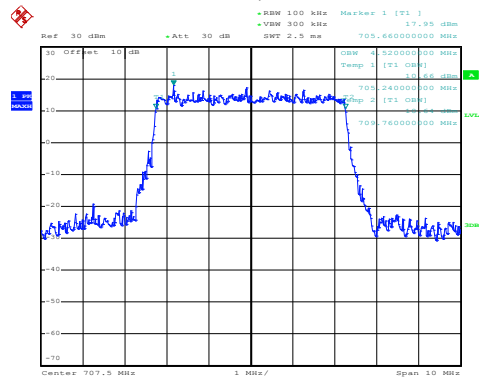
Lowest channel

16QAM



Date: 15.MAY.2020 09:55:38

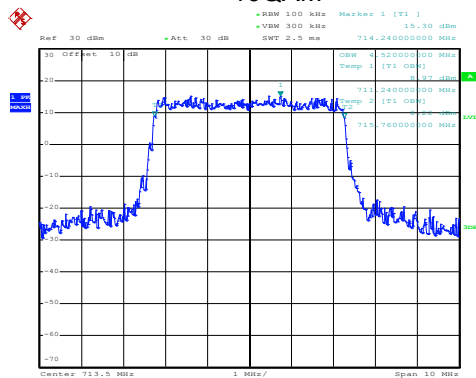
QPSK



Date: 15.MAY.2020 09:55:34

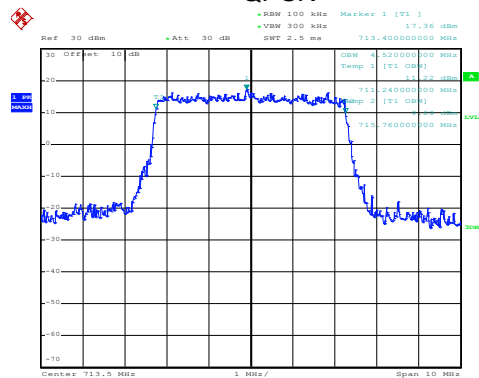
Middle channel

16QAM



Date: 15.MAY.2020 09:56:18

QPSK

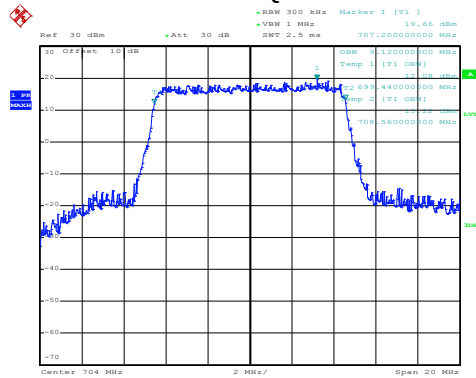


Date: 15.MAY.2020 09:56:15

Highest channel

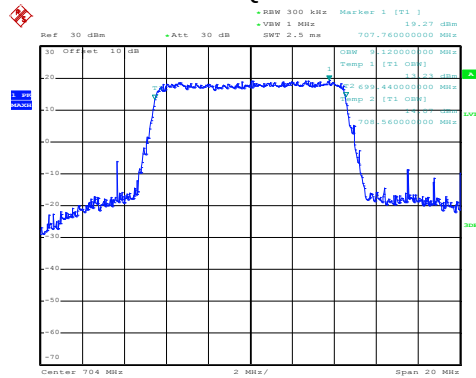
LTE Band 12: 99% Occupancy bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 09:53:27

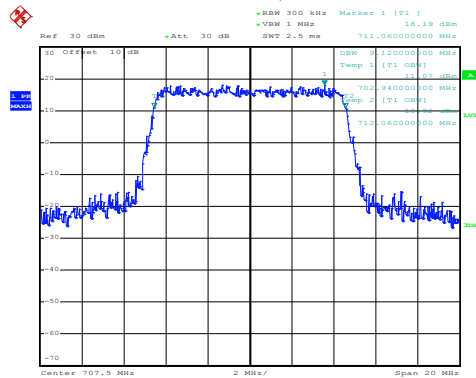
QPSK



Date: 15.MAY.2020 09:53:21

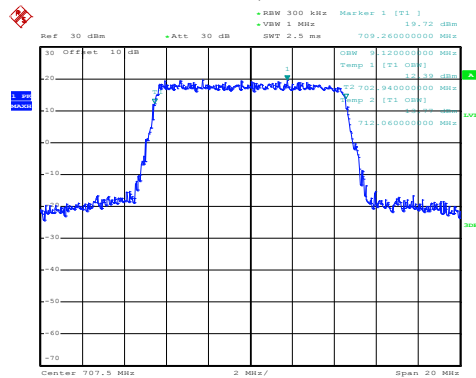
Lowest channel

16QAM



Date: 15.MAY.2020 09:54:02

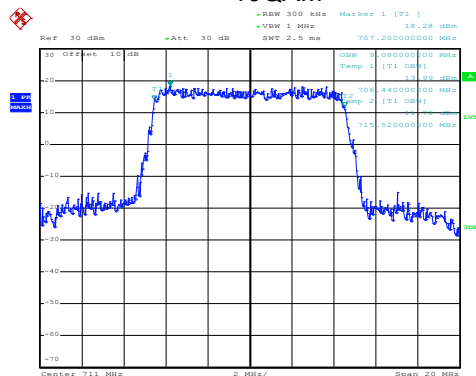
QPSK



Date: 15.MAY.2020 09:53:58

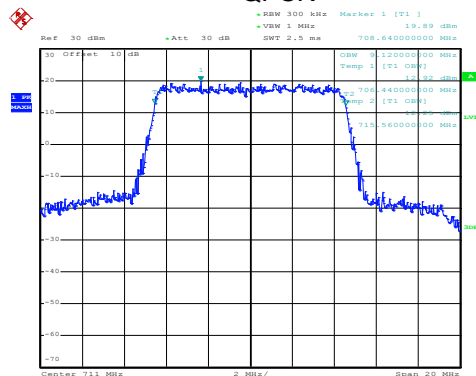
Middle channel

16QAM



Date: 15.MAY.2020 09:54:16

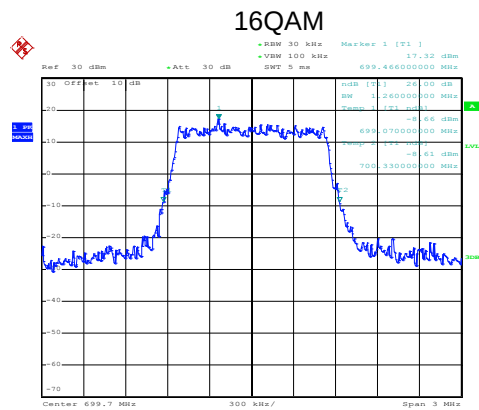
QPSK



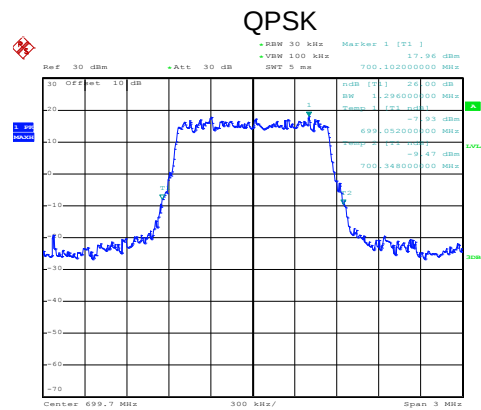
Date: 15.MAY.2020 09:54:12

Highest channel

LTE Band 12: -26dBc bandwidth
BW: 1.4MHz

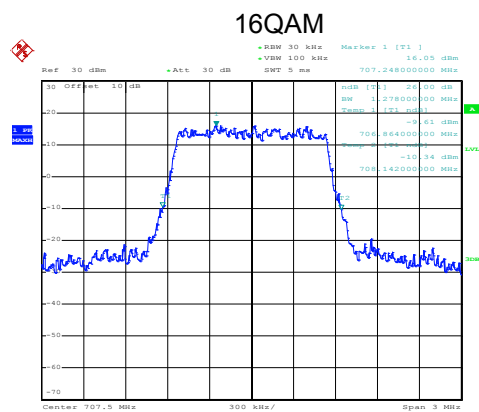


Date: 15.MAY.2020 09:58:29

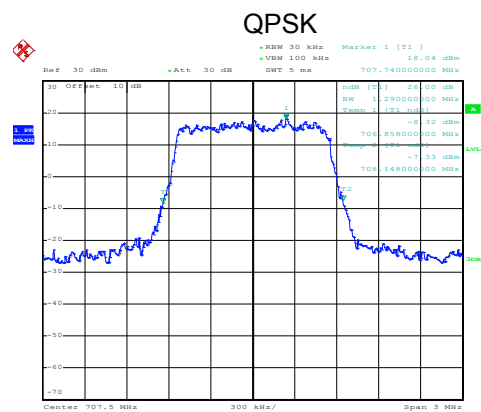


Date: 15.MAY.2020 09:58:25

Lowest channel

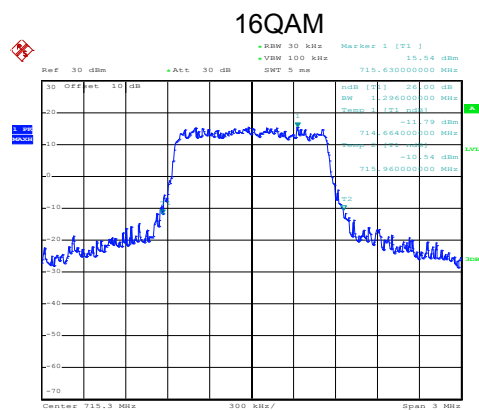


Date: 15.MAY.2020 09:59:04

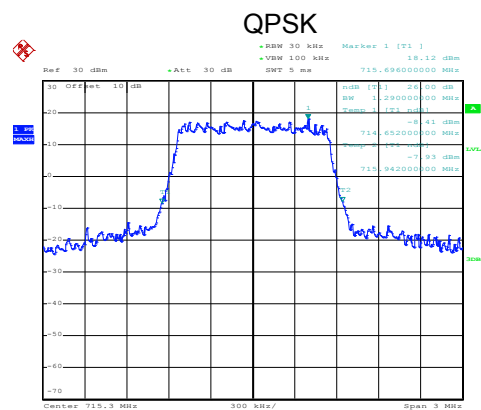


Date: 15.MAY.2020 09:59:00

Middle channel



Date: 15.MAY.2020 09:59:20

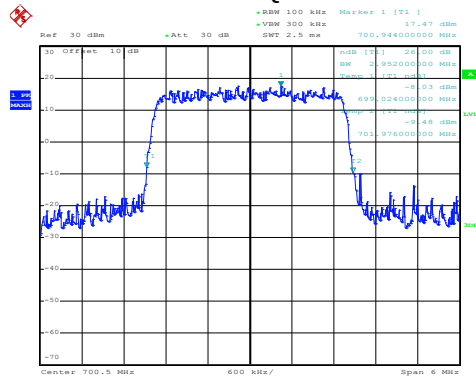


Date: 15.MAY.2020 09:59:16

Highest channel

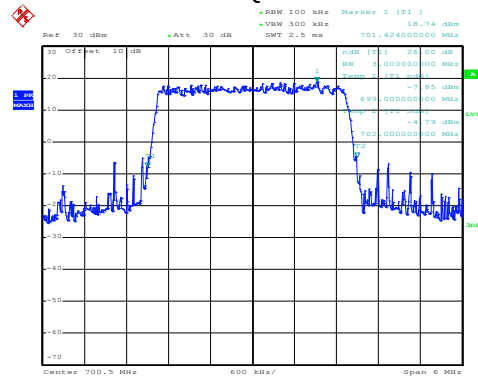
LTE Band 12: -26dBc bandwidth
BW: 3MHz

16QAM



Date: 15.MAY.2020 09:57:01

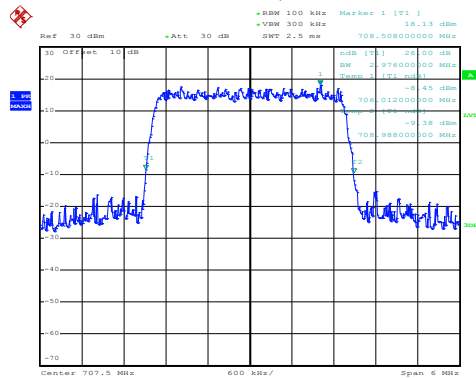
QPSK



Date: 15.MAY.2020 09:56:58

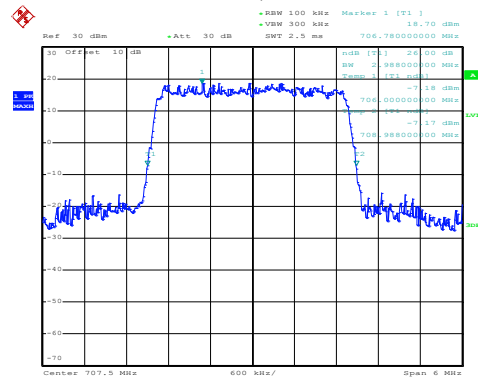
Lowest channel

16QAM



Date: 15.MAY.2020 09:57:16

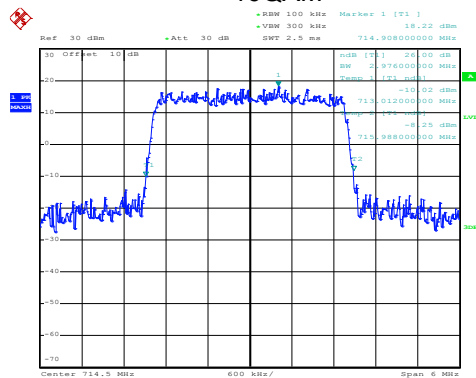
QPSK



Date: 15.MAY.2020 09:57:12

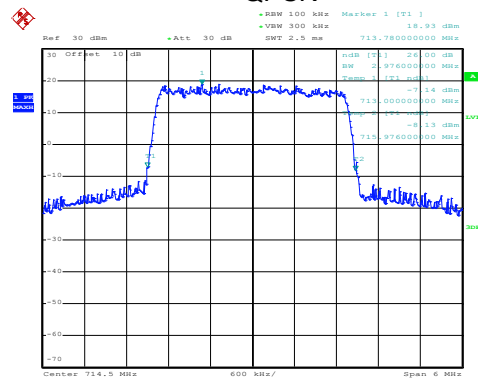
Middle channel

16QAM



Date: 15.MAY.2020 09:57:51

QPSK

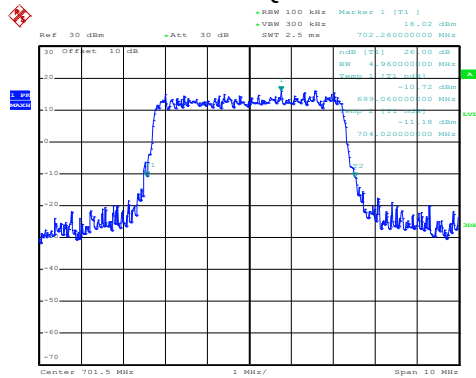


Date: 15.MAY.2020 09:57:48

Highest channel

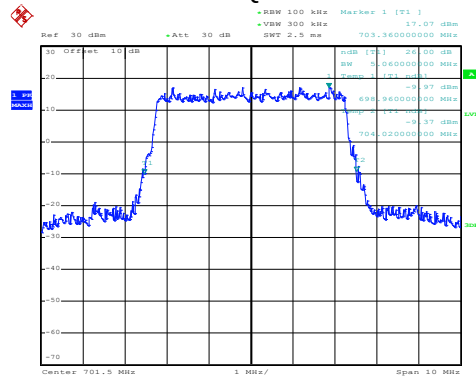
LTE Band 12: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 09:55:13

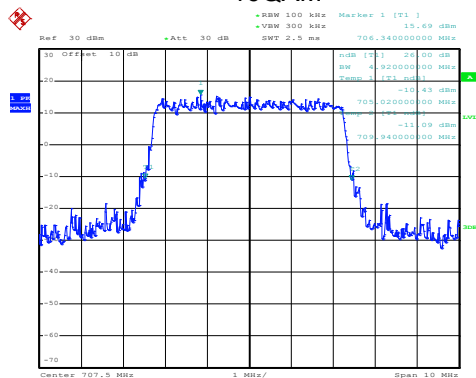
QPSK



Date: 15.MAY.2020 09:55:09

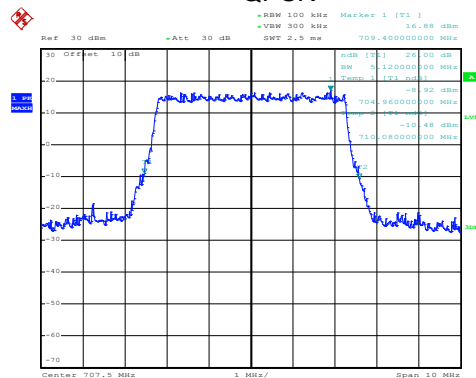
Lowest channel

16QAM



Date: 15.MAY.2020 09:55:53

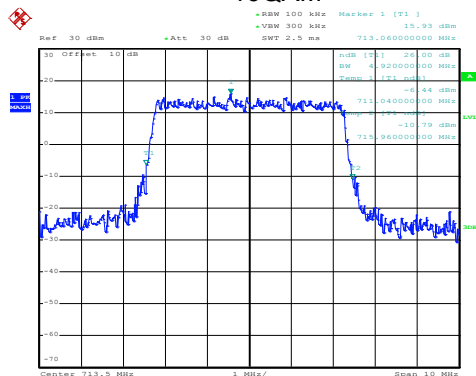
QPSK



Date: 15.MAY.2020 09:55:49

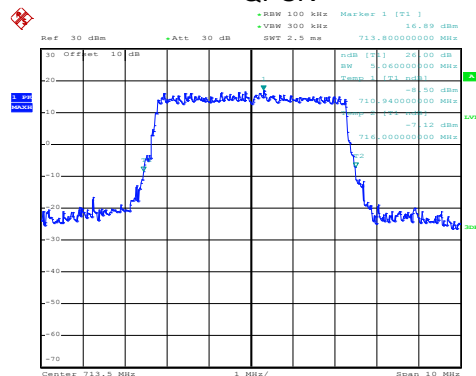
Middle channel

16QAM



Date: 15.MAY.2020 09:56:08

QPSK

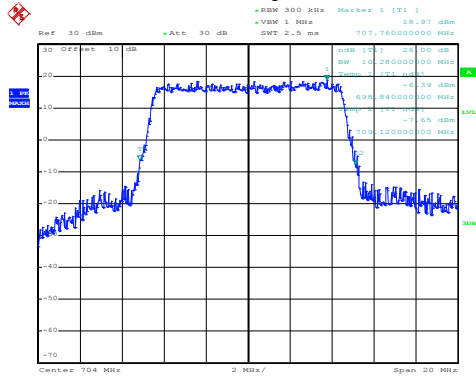


Date: 15.MAY.2020 09:56:05

Highest channel

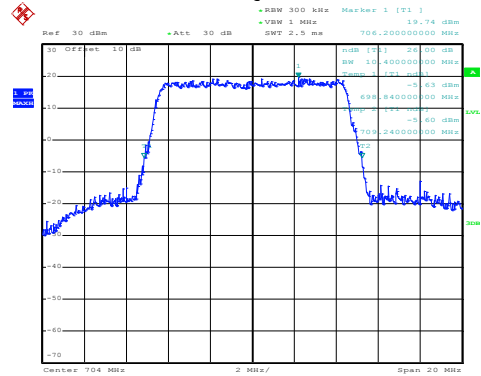
LTE Band 12: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 09:53:38

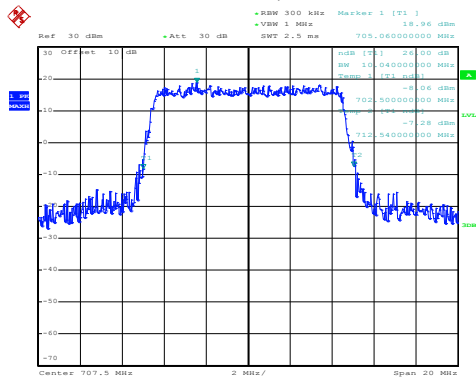
QPSK



Date: 15.MAY.2020 09:53:33

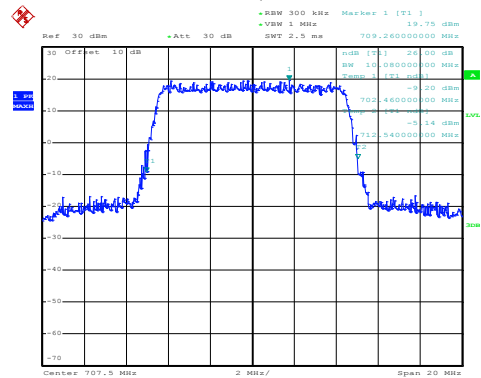
Lowest channel

16QAM



Date: 15.MAY.2020 09:53:52

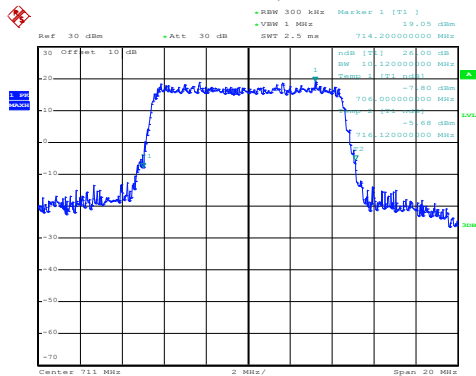
QPSK



Date: 15.MAY.2020 09:53:48

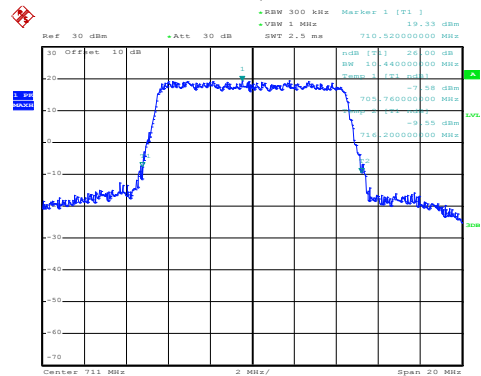
Middle channel

16QAM



Date: 15.MAY.2020 09:54:28

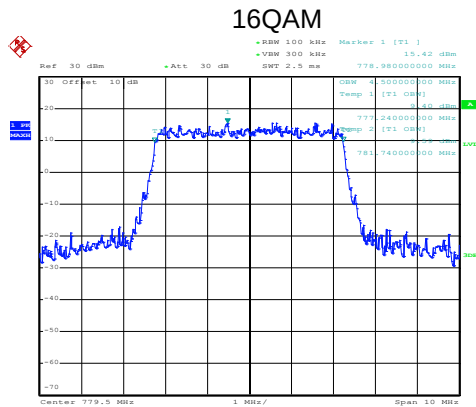
QPSK



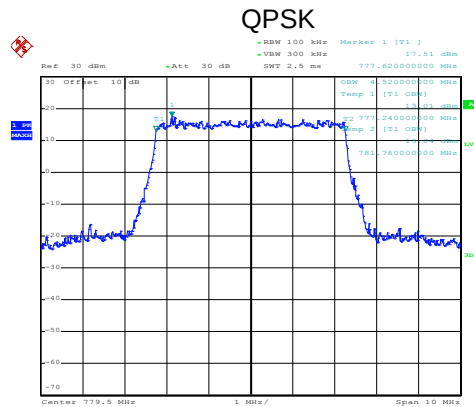
Date: 15.MAY.2020 09:54:23

Highest channel

LTE Band 13 part:

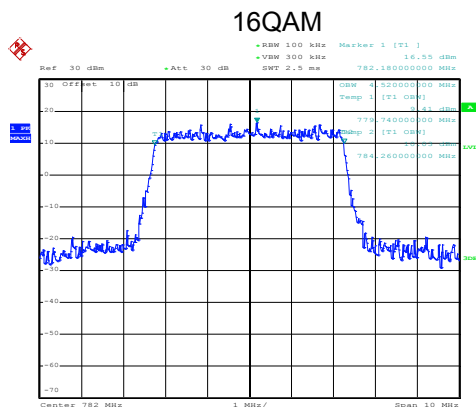
LTE Band 13: 99% Occupancy bandwidth
BW: 5MHz

Date: 15.MAY.2020 09:47:34

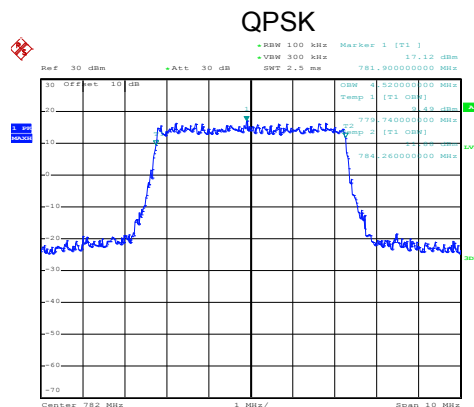


Date: 15.MAY.2020 09:47:27

Lowest channel

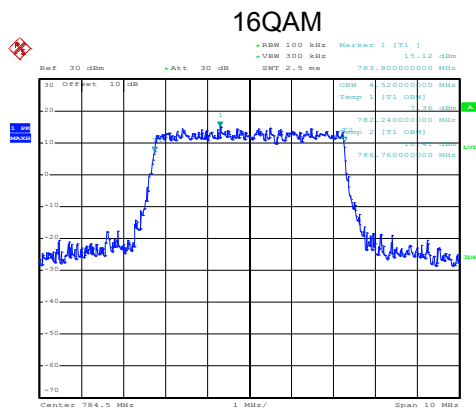


Date: 15.MAY.2020 09:48:13

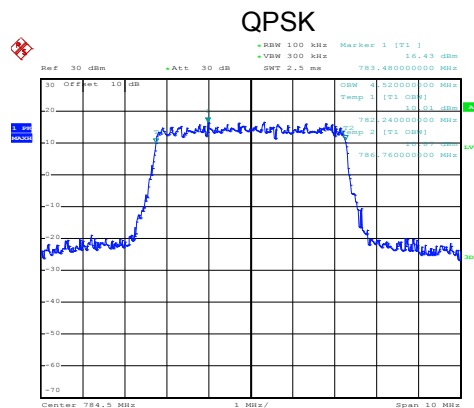


Date: 15.MAY.2020 09:48:09

Middle channel



Date: 15.MAY.2020 09:48:28

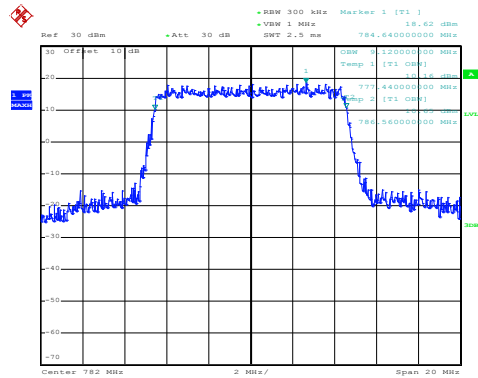


Date: 15.MAY.2020 09:48:24

Highest channel

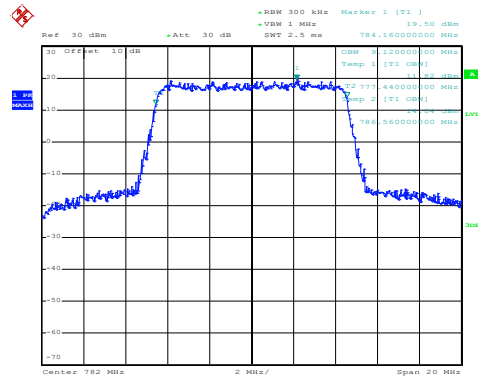
LTE Band 13: 99% Occupancy bandwidth BW: 10MHz

16QAM



Date: 15.MAY.2020 09:49:16

QPSK

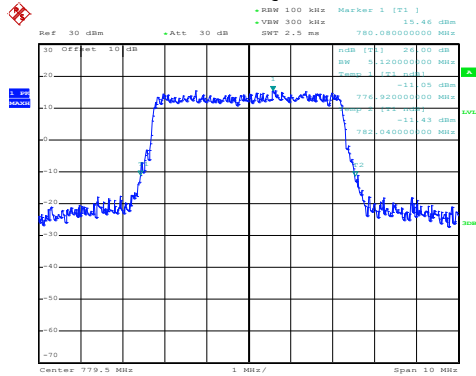


Date: 15.MAY.2020 09:49:13

Middle channel

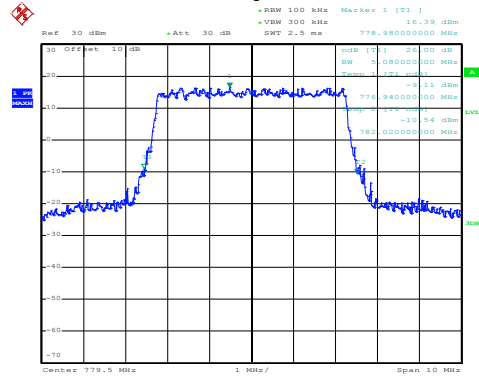
LTE Band 13: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 09:47:48

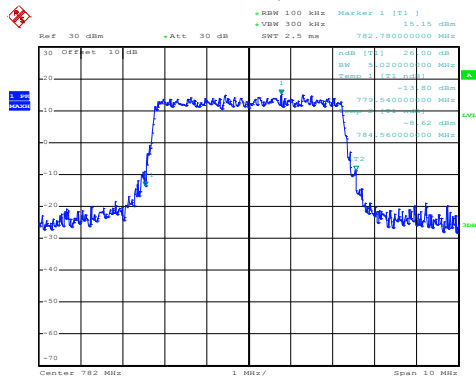
QPSK



Date: 15.MAY.2020 09:47:43

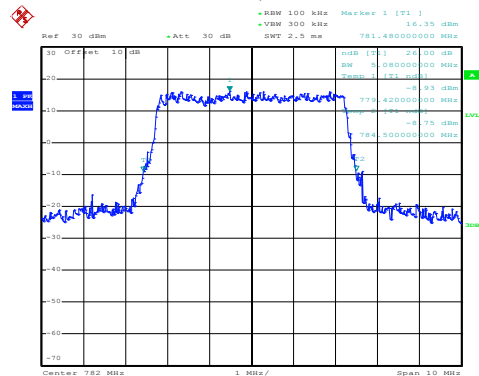
Lowest channel

16QAM



Date: 15.MAY.2020 09:48:03

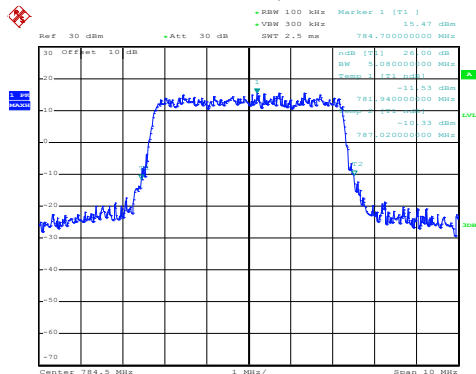
QPSK



Date: 15.MAY.2020 09:47:59

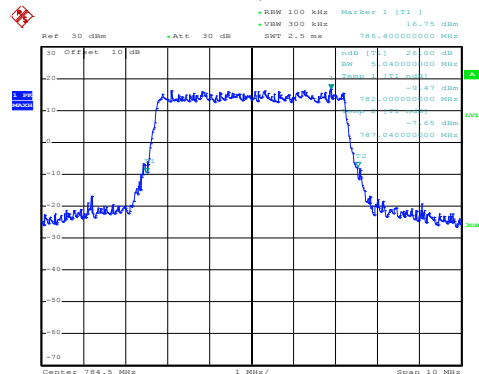
Middle channel

16QAM



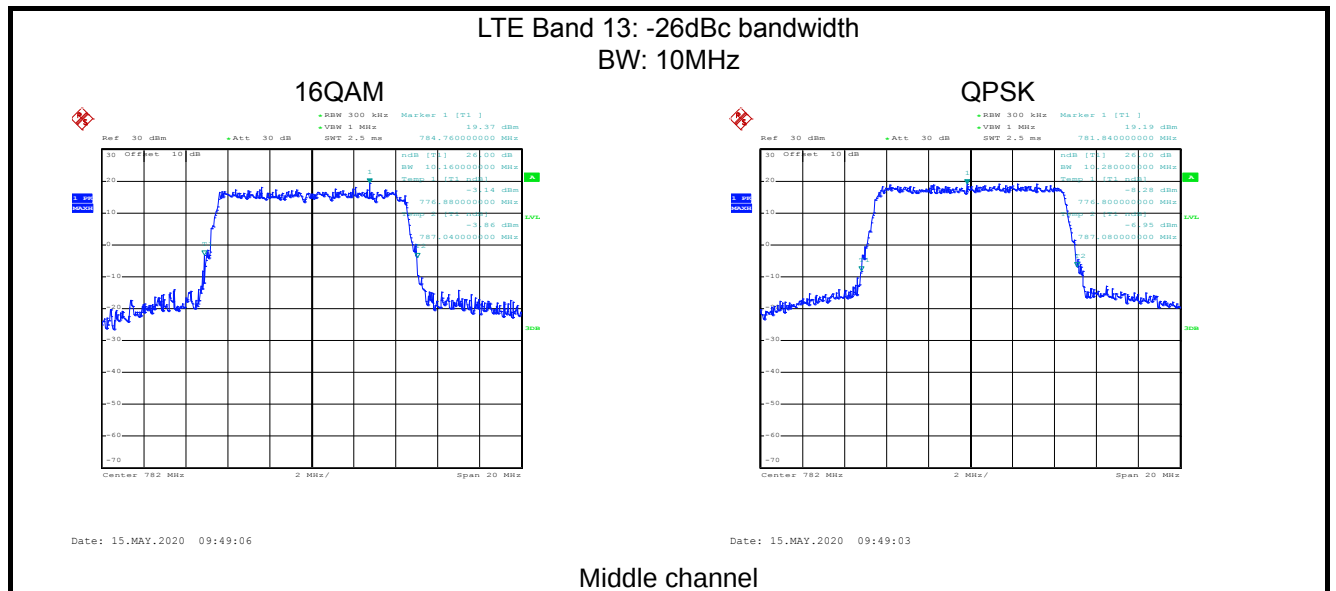
Date: 15.MAY.2020 09:48:39

QPSK

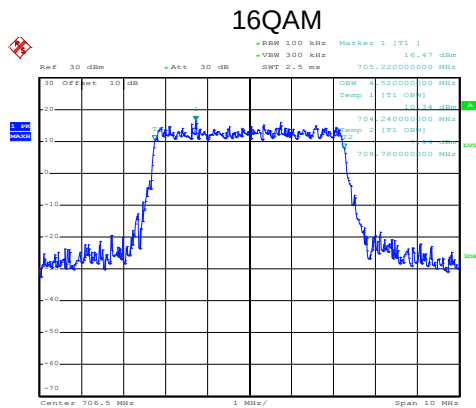


Date: 15.MAY.2020 09:48:35

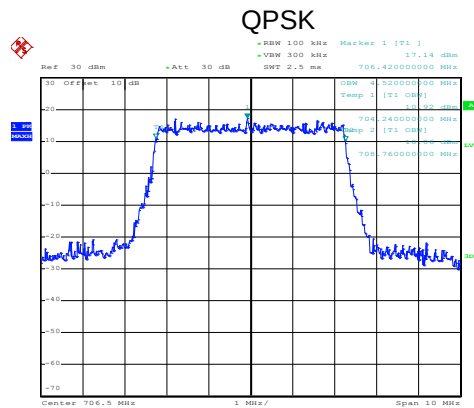
Highest channel



LTE Band 17 part:

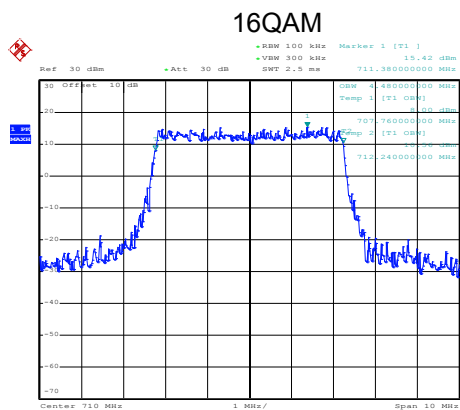
LTE Band 17: 99% Occupy bandwidth
BW: 5MHz

Date: 15.MAY.2020 09:51:36

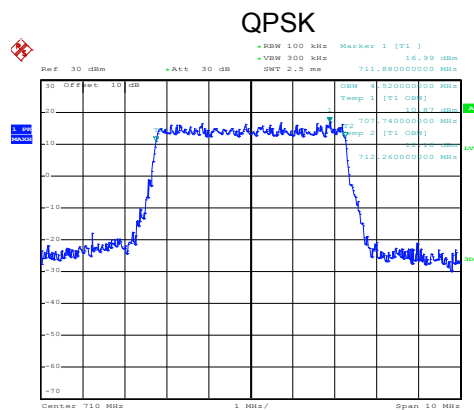


Date: 15.MAY.2020 09:51:32

Lowest channel

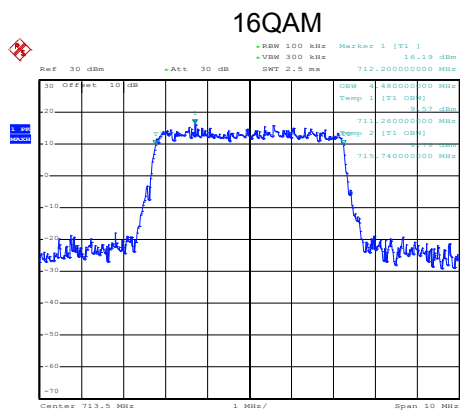


Date: 15.MAY.2020 09:51:50

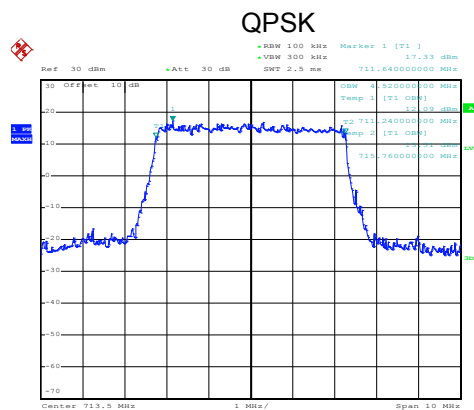


Date: 15.MAY.2020 09:51:46

Middle channel



Date: 15.MAY.2020 09:52:27



Date: 15.MAY.2020 09:52:23

Highest channel

16QAM



Date: 15.MAY.2020 09:49:33

16QAM



Date: 15.MAY.2020 09:50:16

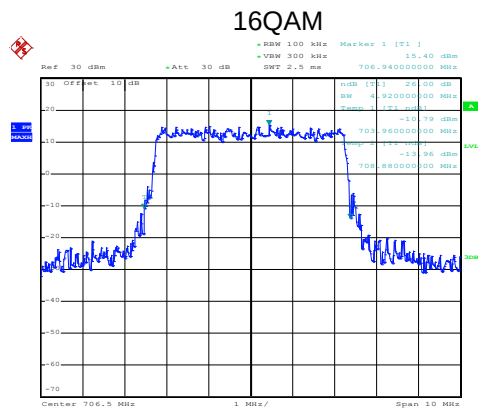
16QAM



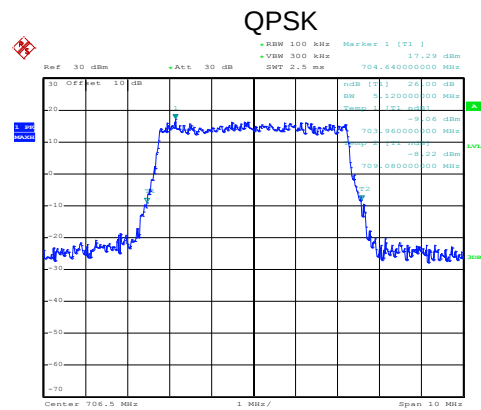
Date: 15.MAY.2020 09:50:29

Page 93 of

LTE Band 17: -26dBc bandwidth
BW: 5MHz

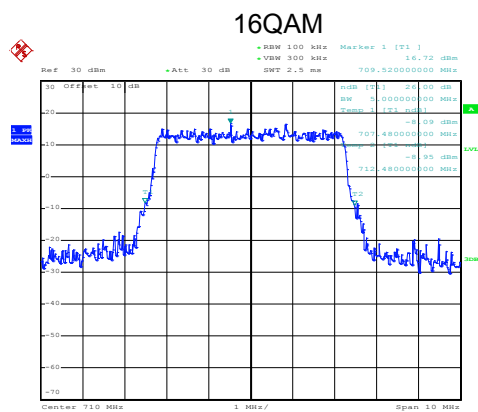


Date: 15.MAY.2020 09:51:26

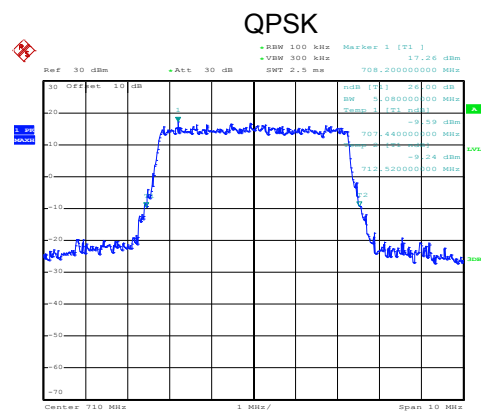


Date: 15.MAY.2020 09:51:22

Lowest channel

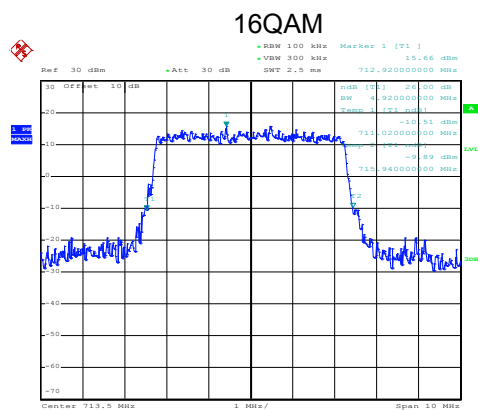


Date: 15.MAY.2020 09:52:02

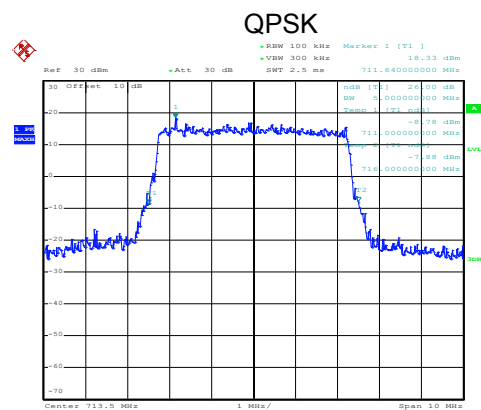


Date: 15.MAY.2020 09:51:57

Middle channel



Date: 15.MAY.2020 09:52:15

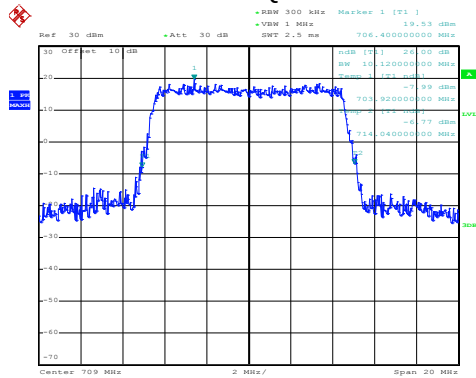


Date: 15.MAY.2020 09:52:11

Highest channel

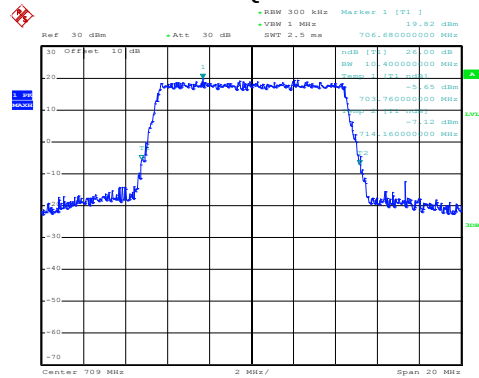
LTE Band 17: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 09:49:48

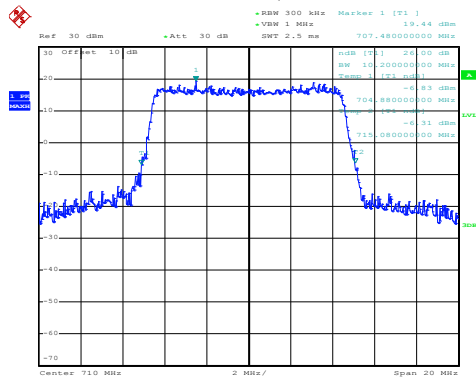
QPSK



Date: 15.MAY.2020 09:49:44

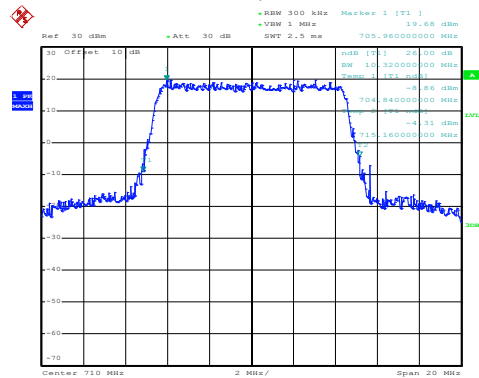
Lowest channel

16QAM



Date: 15.MAY.2020 09:50:09

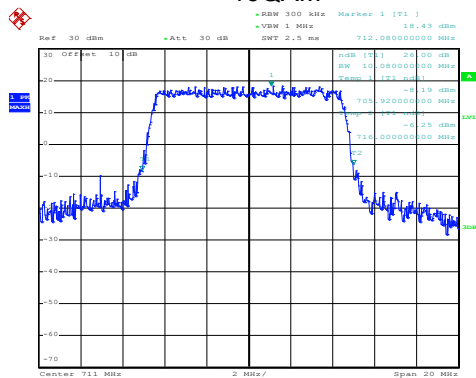
QPSK



Date: 15.MAY.2020 09:50:05

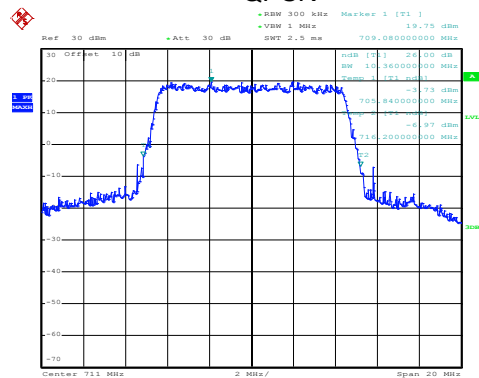
Middle channel

16QAM



Date: 15.MAY.2020 09:50:44

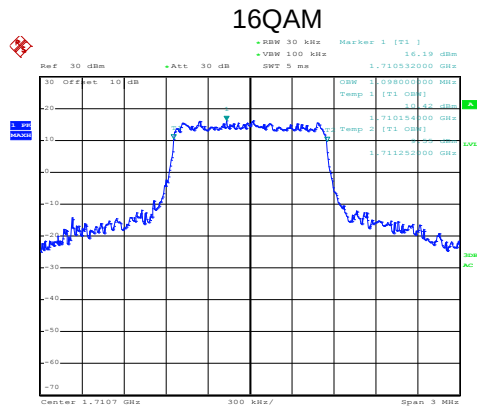
QPSK



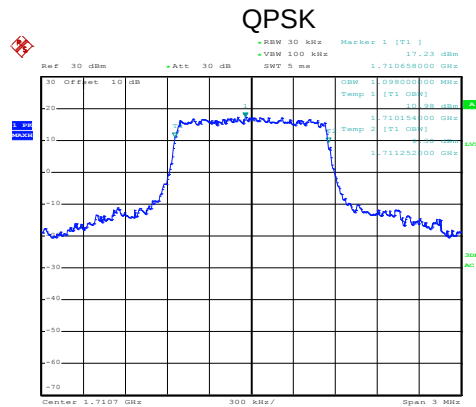
Date: 15.MAY.2020 09:50:39

Highest channel

LTE Band 66 part:

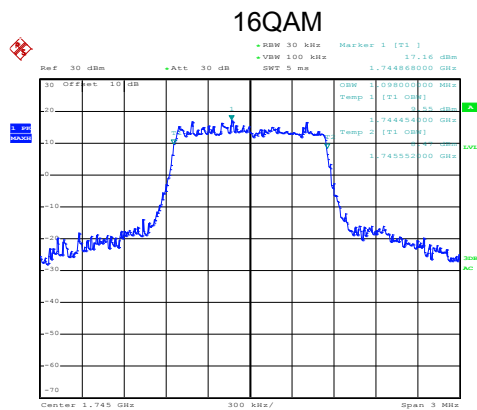
LTE Band 66: 99% Occupancy bandwidth
BW: 1.4MHz

Date: 15.MAY.2020 17:38:28

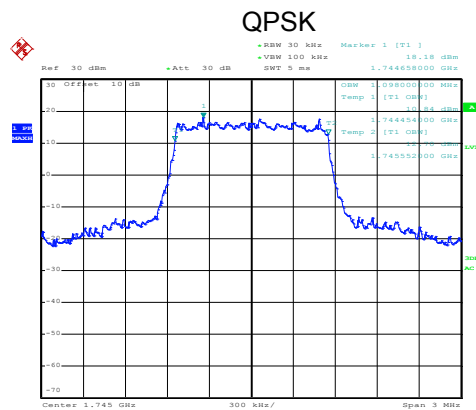


Date: 15.MAY.2020 17:38:17

Lowest channel

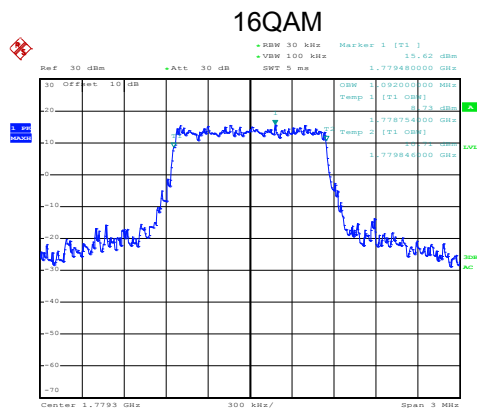


Date: 15.MAY.2020 17:39:55

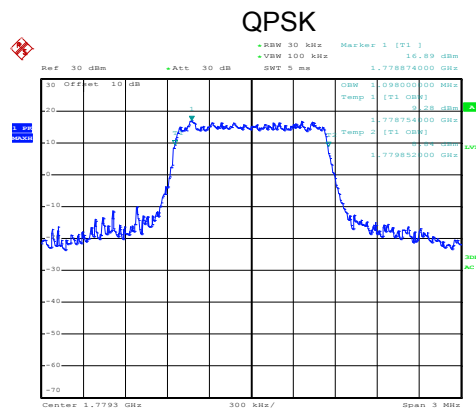


Date: 15.MAY.2020 17:39:50

Middle channel



Date: 15.MAY.2020 17:40:22



Date: 15.MAY.2020 17:40:16

Highest channel

16QAM



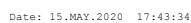
Date: 15.MAY.2020 17:42:05

16QAM



Date: 15.MAY.2020 17:42:30

16QAM

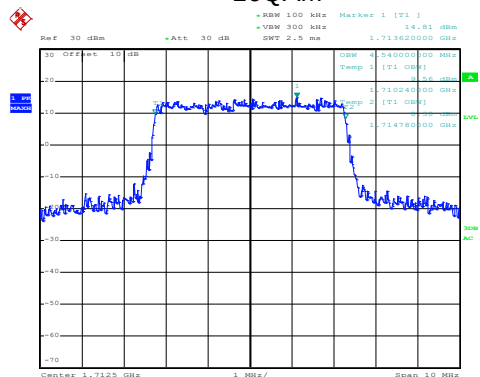


Date: 15.MAY.2020 17:43:28

Page 97 of

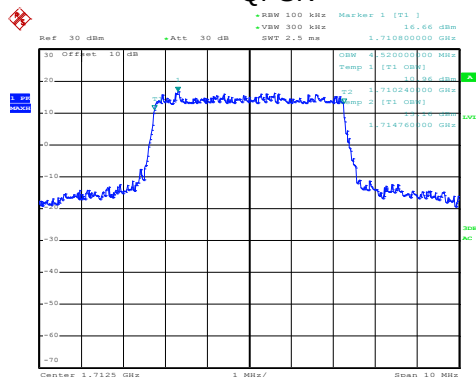
LTE Band 66: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 17:44:42

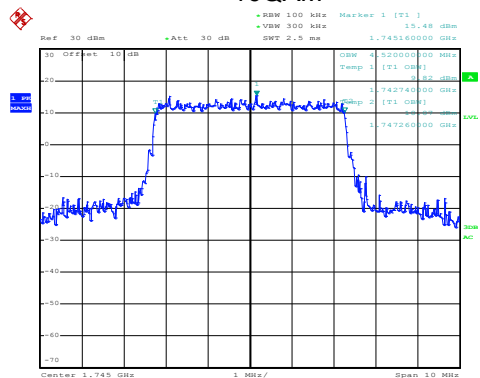
QPSK



Date: 15.MAY.2020 17:44:37

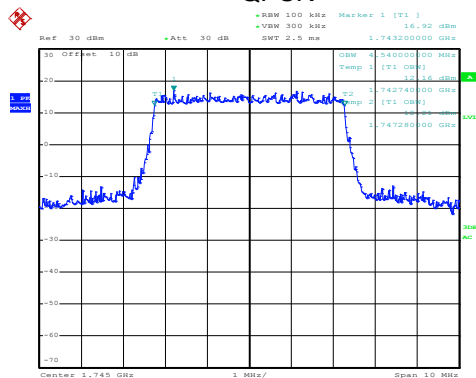
Lowest channel

16QAM



Date: 15.MAY.2020 17:45:36

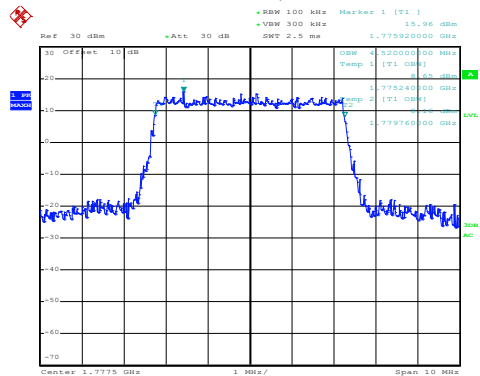
QPSK



Date: 15.MAY.2020 17:45:31

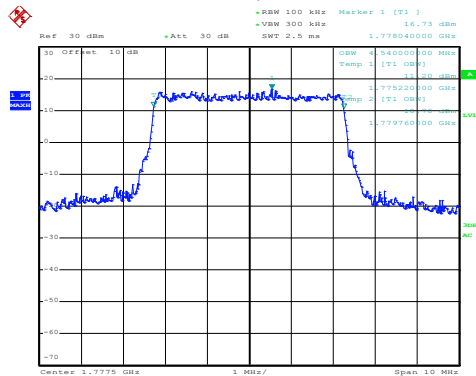
Middle channel

16QAM



Date: 15.MAY.2020 17:46:07

QPSK

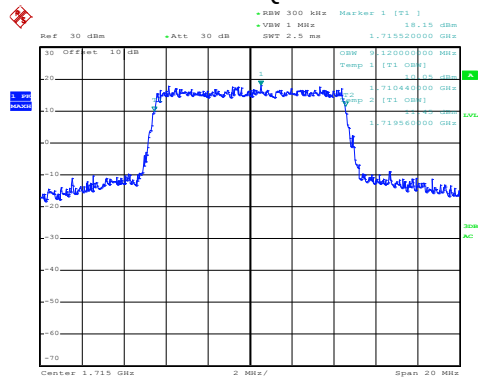


Date: 15.MAY.2020 17:46:00

Highest channel

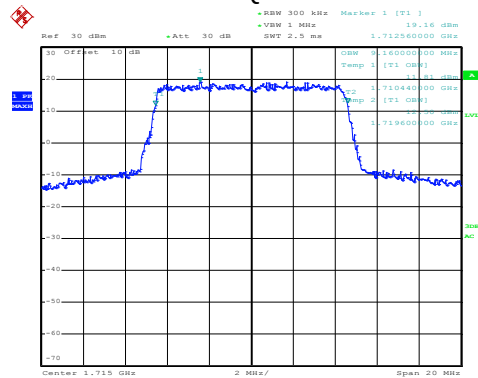
LTE Band 66: 99% Occupancy bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 17:47:42

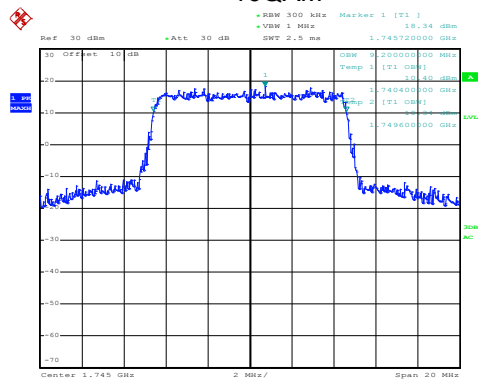
QPSK



Date: 15.MAY.2020 17:47:36

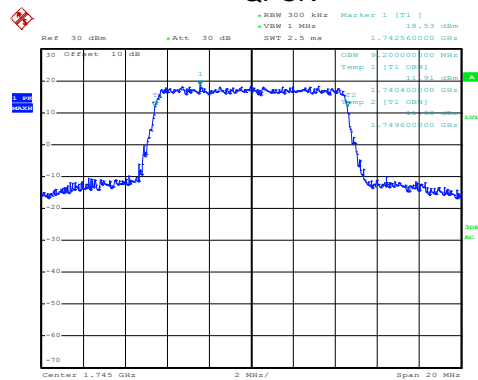
Lowest channel

16QAM



Date: 15.MAY.2020 17:48:04

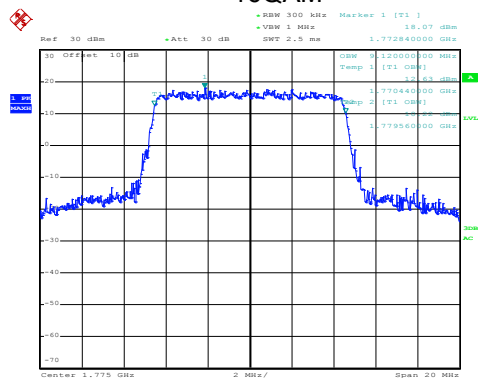
QPSK



Date: 15.MAY.2020 17:47:59

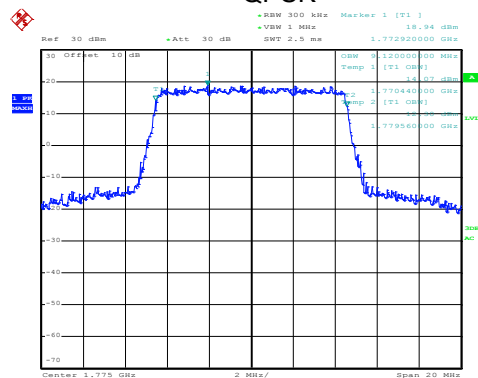
Middle channel

16QAM



Date: 15.MAY.2020 17:48:57

QPSK

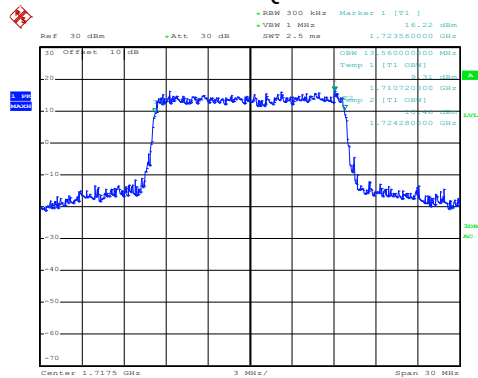


Date: 15.MAY.2020 17:48:51

Highest channel

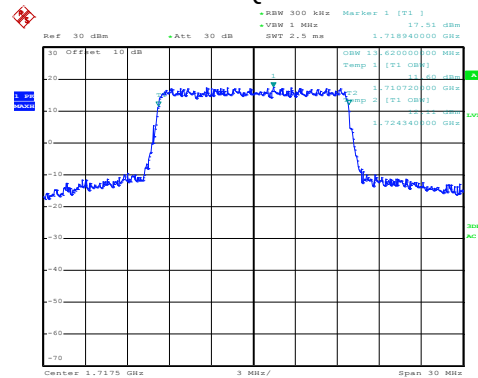
LTE Band 66: 99% Occupancy bandwidth
BW: 15MHz

16QAM



Date: 15.MAY.2020 17:51:55

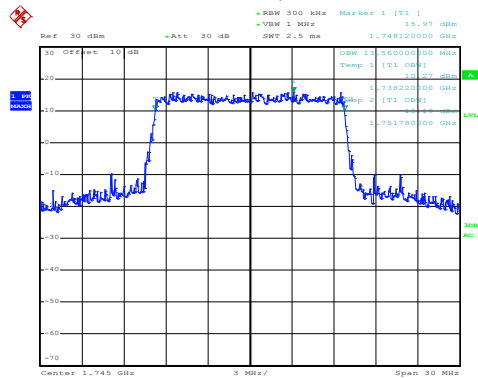
QPSK



Date: 15.MAY.2020 17:51:48

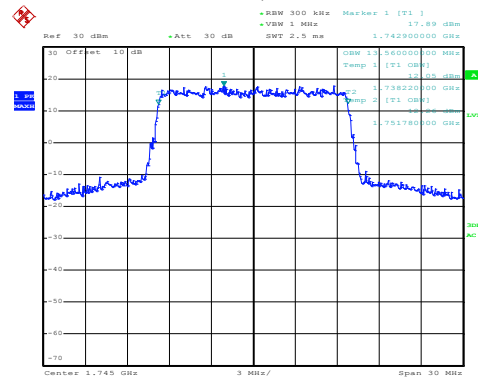
Lowest channel

16QAM



Date: 15.MAY.2020 17:55:53

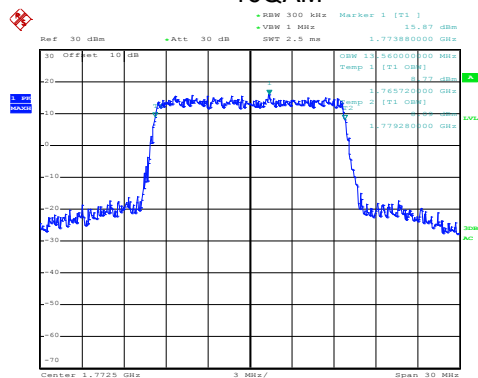
QPSK



Date: 15.MAY.2020 17:55:48

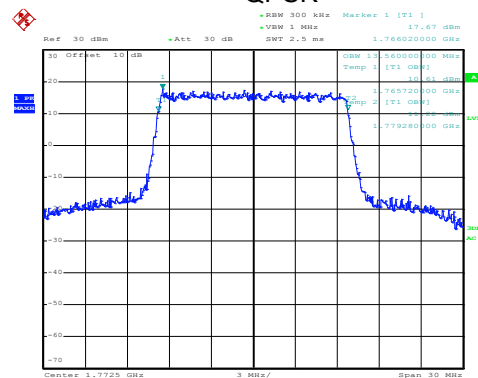
Middle channel

16QAM



Date: 15.MAY.2020 17:56:16

QPSK

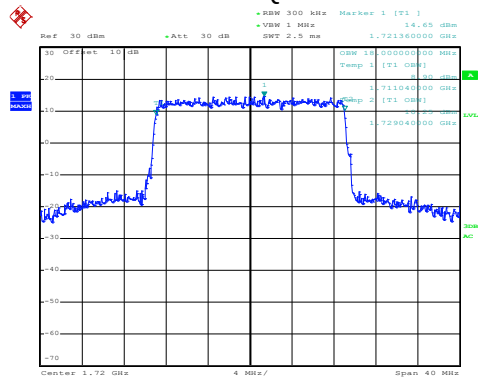


Date: 15.MAY.2020 17:56:10

Highest channel

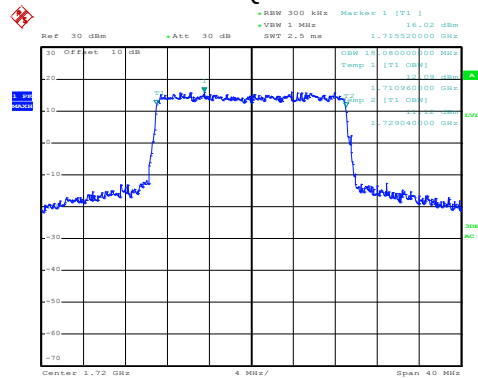
LTE Band 66: 99% Occupancy bandwidth
BW: 20MHz

16QAM



Date: 15.MAY.2020 17:57:38

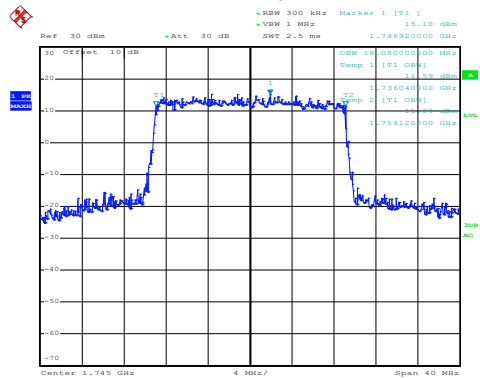
QPSK



Date: 15.MAY.2020 17:57:31

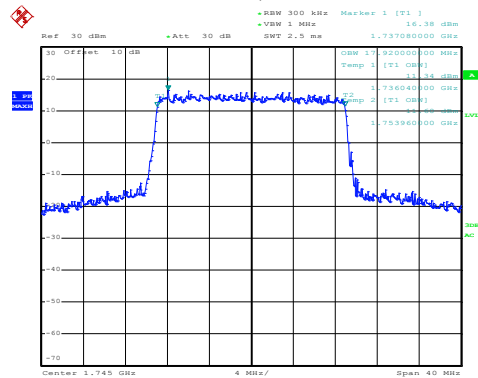
Lowest channel

16QAM



Date: 15.MAY.2020 17:57:59

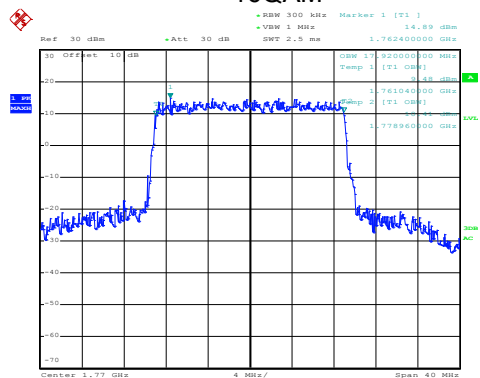
QPSK



Date: 15.MAY.2020 17:57:52

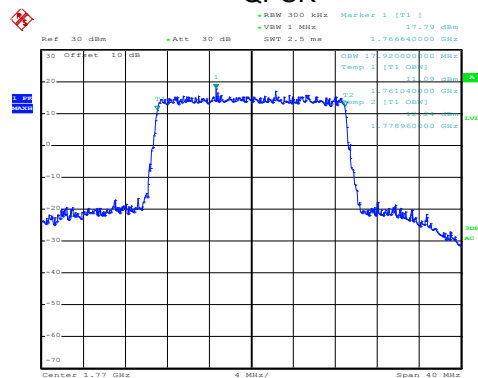
Middle channel

16QAM



Date: 15.MAY.2020 17:58:50

QPSK

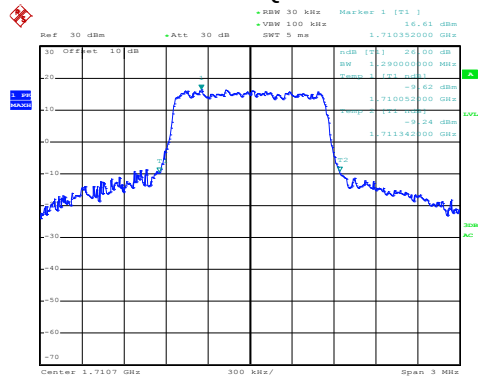


Date: 15.MAY.2020 17:58:44

Highest channel

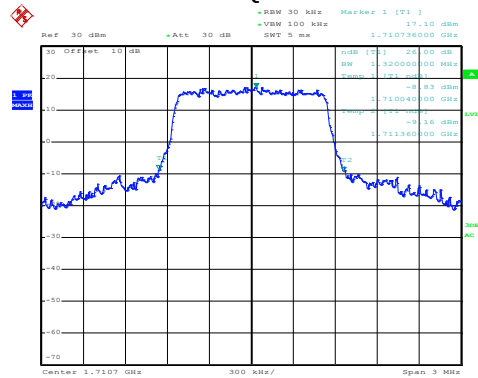
LTE Band 66: -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 15.MAY.2020 17:38:55

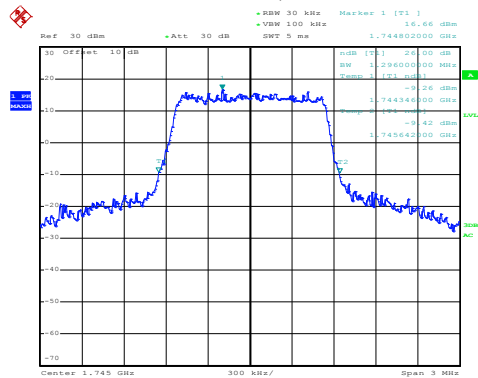
QPSK



Date: 15.MAY.2020 17:39:07

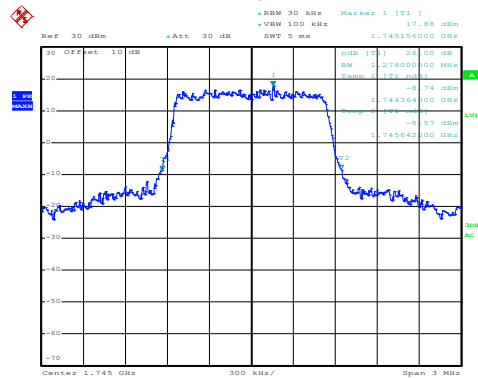
Lowest channel

16QAM



Date: 15.MAY.2020 17:39:40

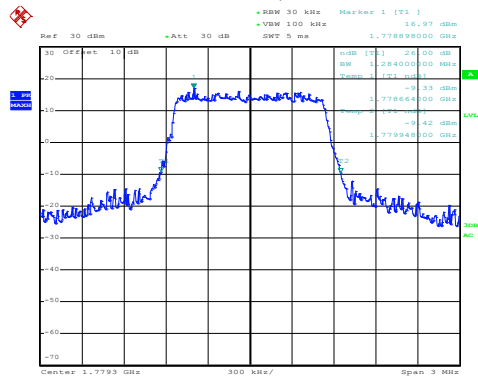
QPSK



Date: 15.MAY.2020 17:39:34

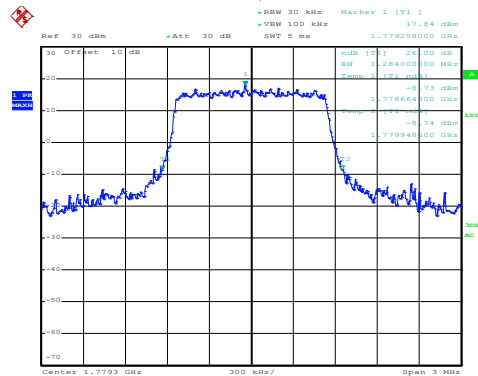
Middle channel

16QAM



Date: 15.MAY.2020 17:40:43

QPSK

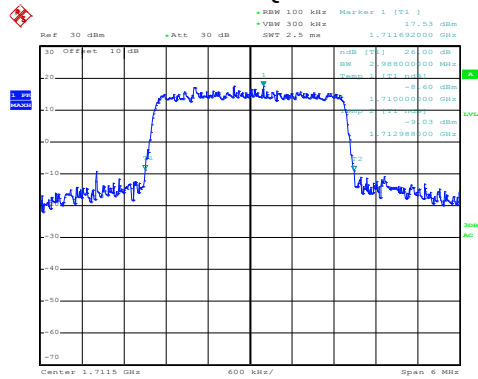


Date: 15.MAY.2020 17:40:31

Highest channel

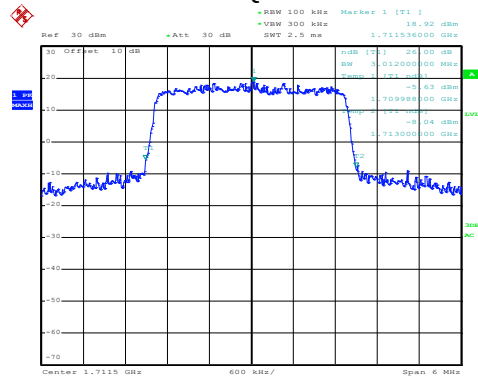
LTE Band 66: -26dBc bandwidth
BW: 3MHz

16QAM



Date: 15.MAY.2020 17:41:54

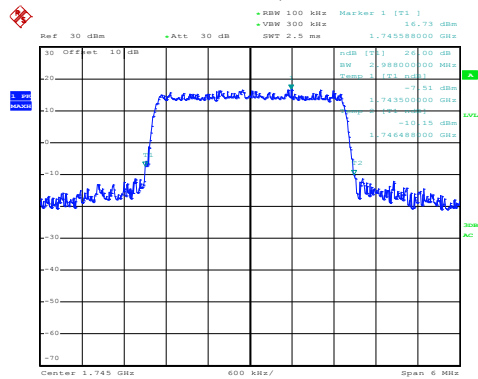
QPSK



Date: 15.MAY.2020 17:41:48

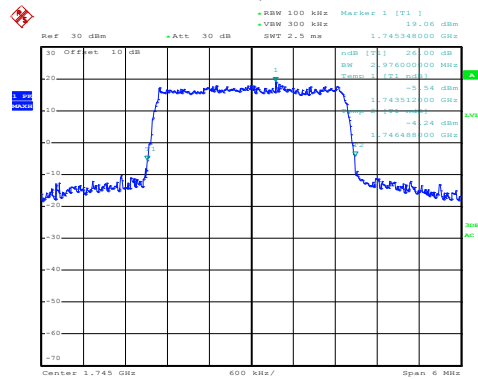
Lowest channel

16QAM



Date: 15.MAY.2020 17:42:53

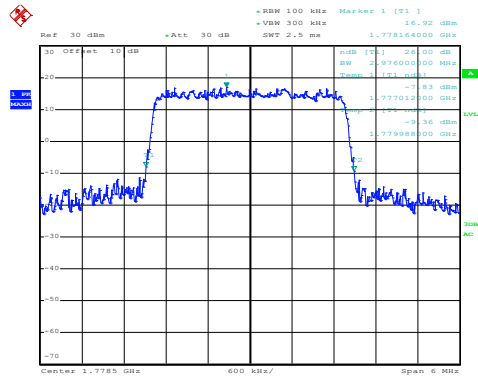
QPSK



Date: 15.MAY.2020 17:42:48

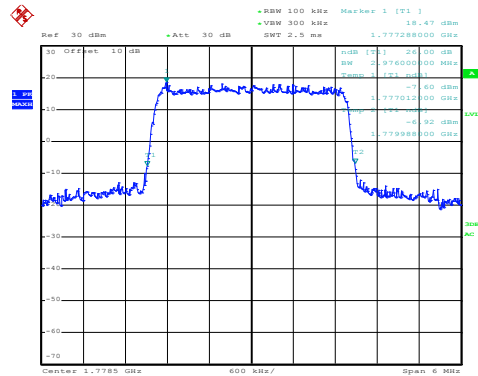
Middle channel

16QAM



Date: 15.MAY.2020 17:43:16

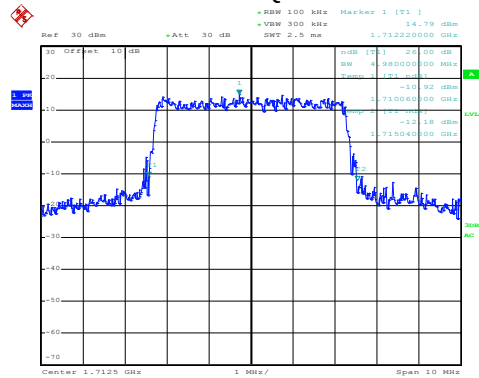
QPSK



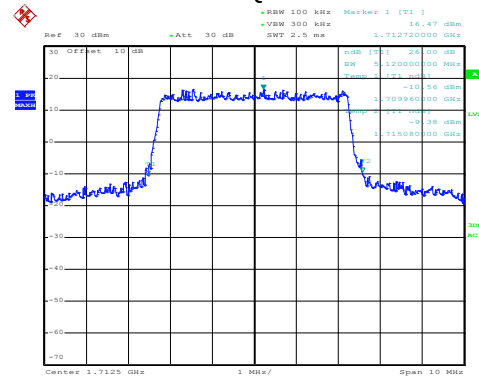
Date: 15.MAY.2020 17:43:10

Highest channel

QPSK

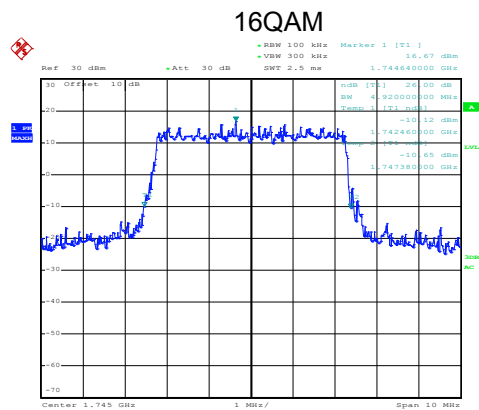


Date: 15.MAY.2020 17:44:59

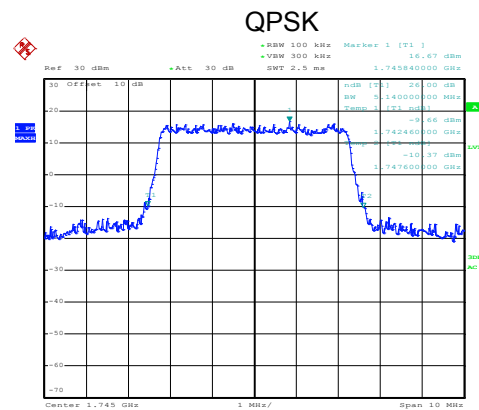


Date: 15.MAY.2020 17:44:53

Lowest channel

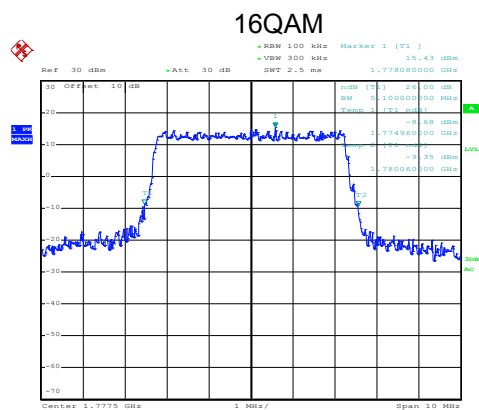


Date: 15.MAY.2020 17:45:22

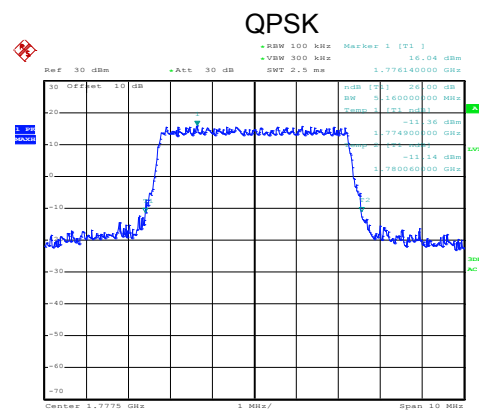


Date: 15.MAY.2020 17:45:17

Middle channel



Date: 15.MAY.2020 17:46:21

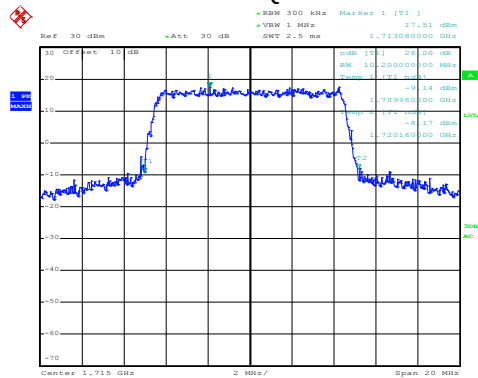


Date: 15.MAY.2020 17:46:15

Highest channel

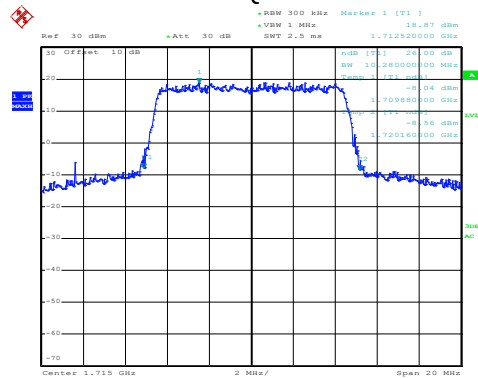
LTE Band 66: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 17:47:23

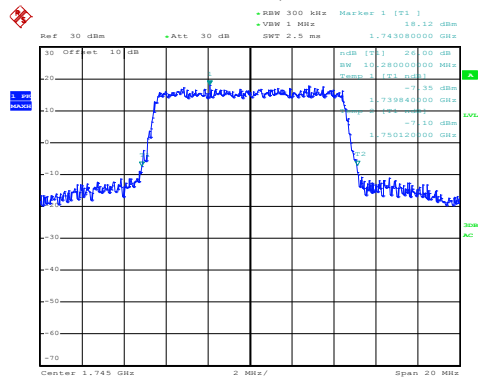
QPSK



Date: 15.MAY.2020 17:47:15

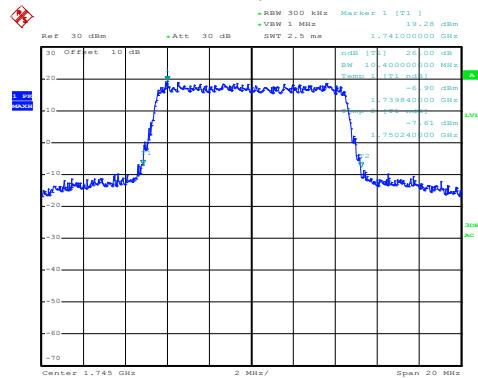
Lowest channel

16QAM



Date: 15.MAY.2020 17:48:19

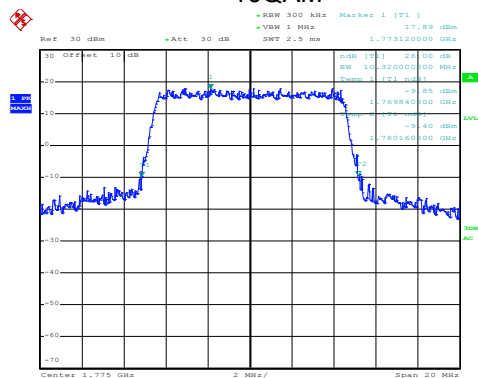
QPSK



Date: 15.MAY.2020 17:48:13

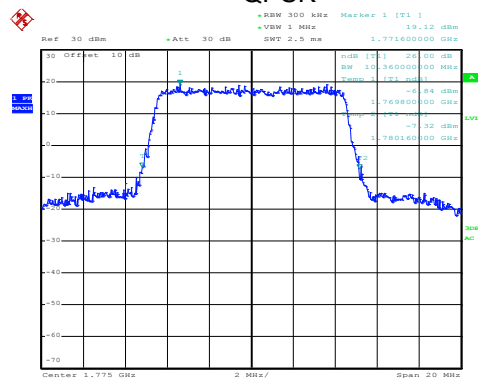
Middle channel

16QAM



Date: 15.MAY.2020 17:48:41

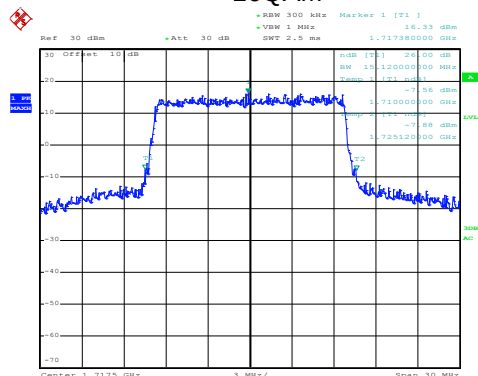
QPSK



Date: 15.MAY.2020 17:48:34

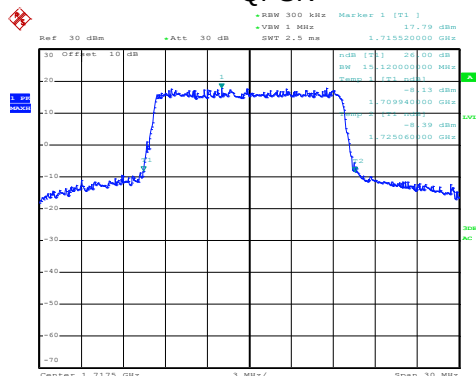
Highest channel

16OAM



Date: 15 MAY 2020 17:52:12

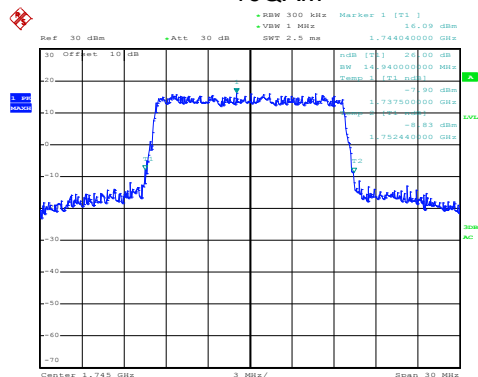
OPSK



Date: 15 MAY 2020 17:52:06

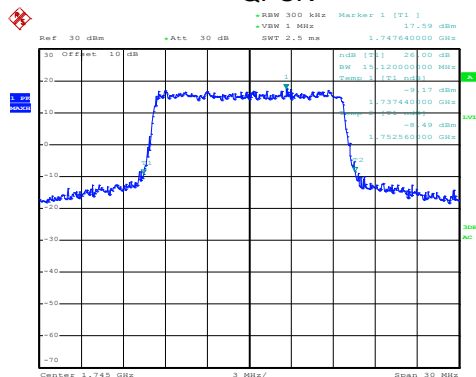
Lowest channel

16QAM



Date: 15.MAY.2020 17:55:38

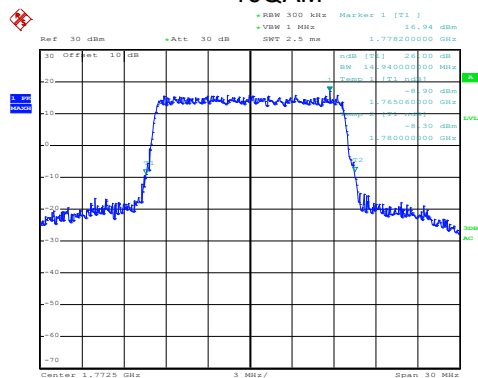
QPSK



Date: 15.MAY.2020 17:55:32

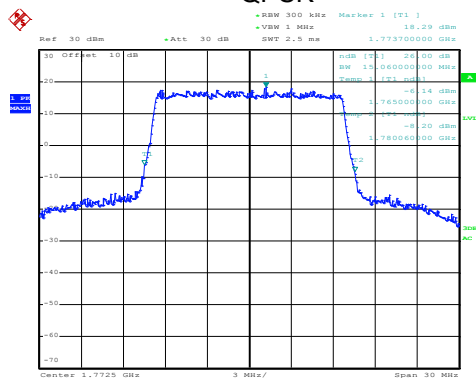
Middle channel

16QAM



Date: 15.MAY.2020 17:56:34

QPSK



Date: 15.MAY.2020 17:56:26

Highest channel

16QAM



QPSK



16QAM



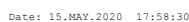
QPSK



16QAM



QPSK

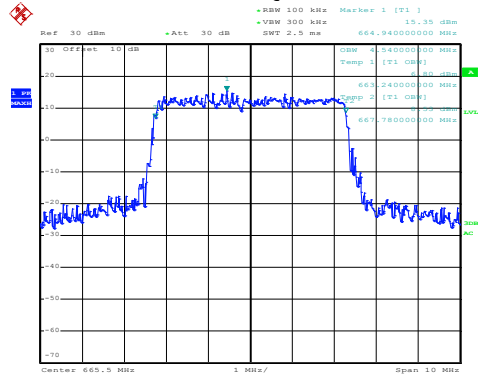


Page 107 of

LTE-Band 71 part:

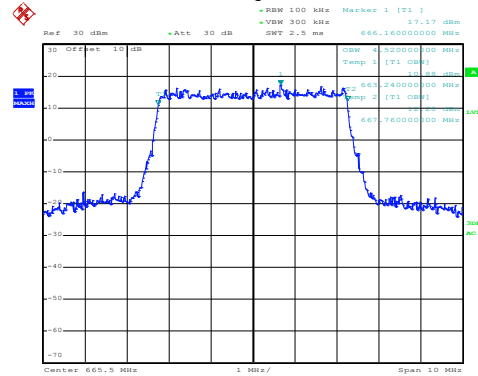
LTE Band 71: 99% Occupancy bandwidth
BW: 5MHz

16QAM



Date: 15.MAY.2020 18:12:54

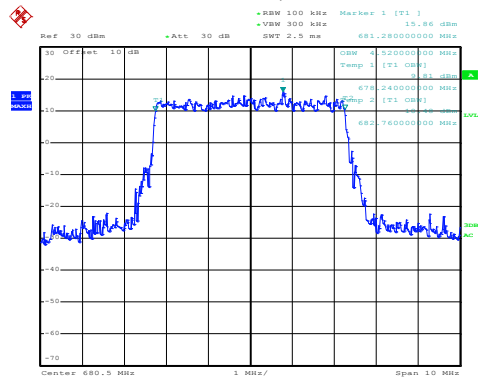
QPSK



Date: 15.MAY.2020 18:12:50

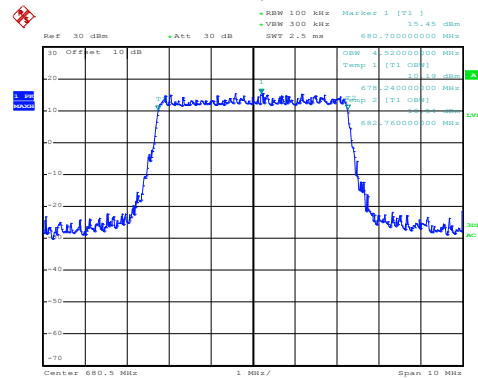
Lowest channel

16QAM



Date: 15.MAY.2020 18:13:14

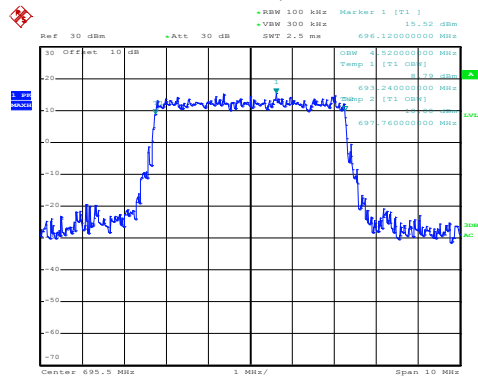
QPSK



Date: 15.MAY.2020 18:13:09

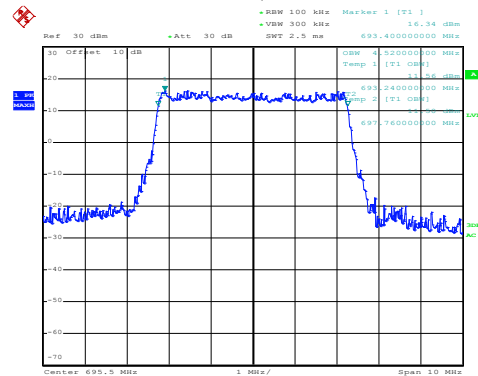
Middle channel

16QAM



Date: 15.MAY.2020 18:14:03

QPSK

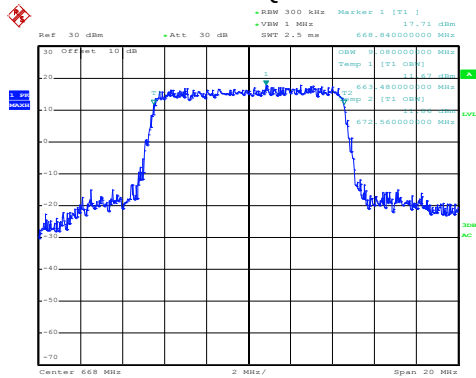


Date: 15.MAY.2020 18:13:58

Highest channel

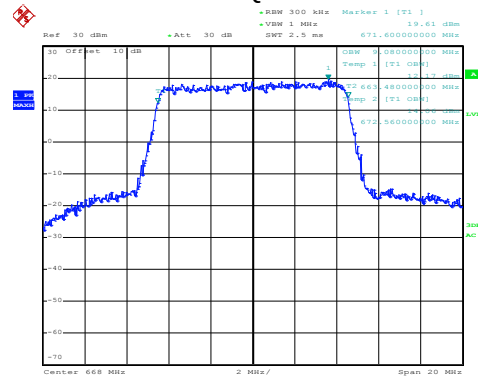
LTE Band 71: 99% Occupancy bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 18:10:35

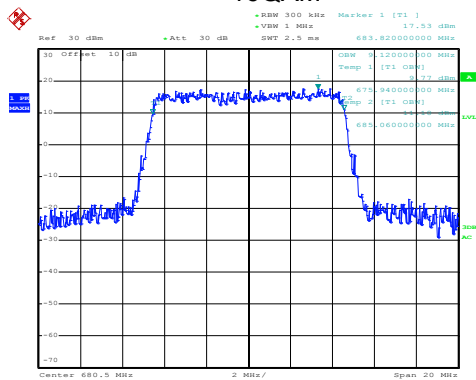
QPSK



Date: 15.MAY.2020 18:10:28

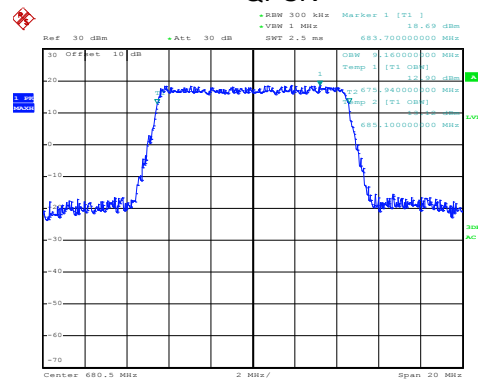
Lowest channel

16QAM



Date: 15.MAY.2020 18:11:26

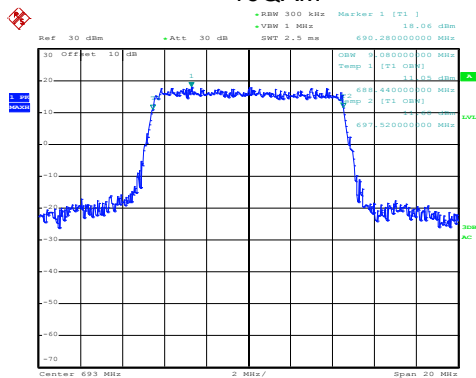
QPSK



Date: 15.MAY.2020 18:11:22

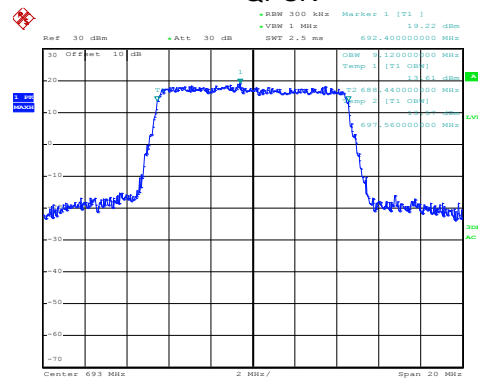
Middle channel

16QAM



Date: 15.MAY.2020 18:11:52

QPSK

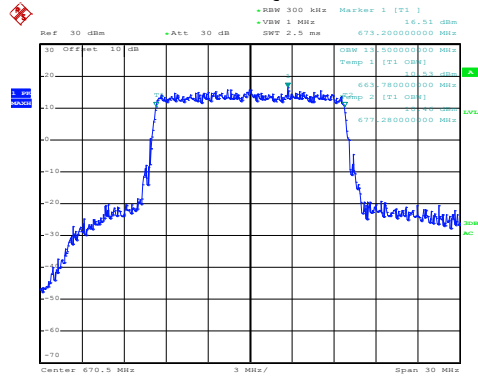


Date: 15.MAY.2020 18:11:45

Highest channel

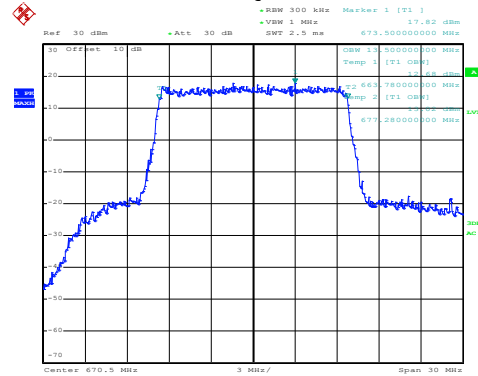
LTE Band 71: 99% Occupancy bandwidth
BW: 15MHz

16QAM



Date: 15.MAY.2020 18:01:55

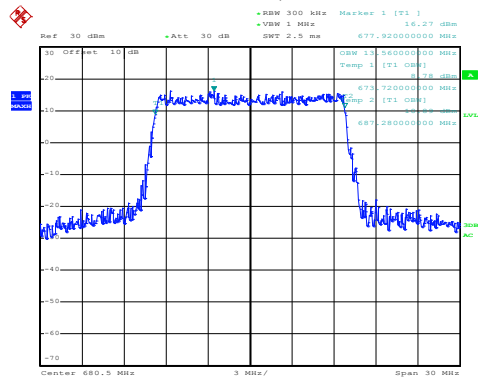
QPSK



Date: 15.MAY.2020 18:01:50

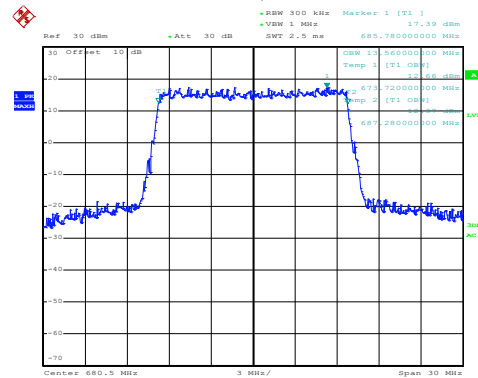
Lowest channel

16QAM



Date: 15.MAY.2020 18:02:16

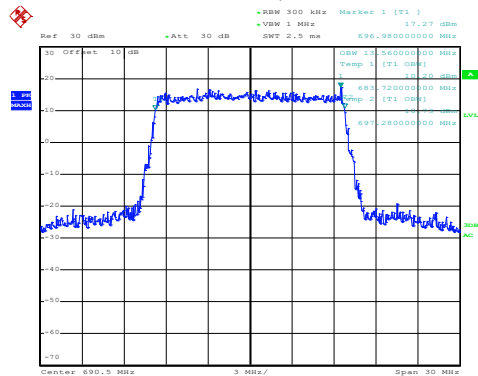
QPSK



Date: 15.MAY.2020 18:02:11

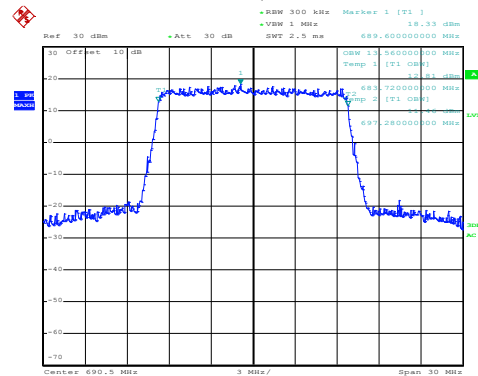
Middle channel

16QAM



Date: 15.MAY.2020 18:08:37

QPSK

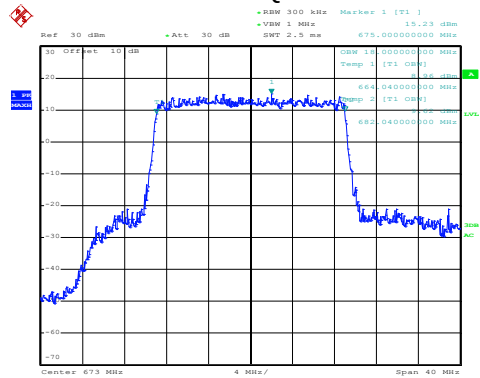


Date: 15.MAY.2020 18:08:30

Highest channel

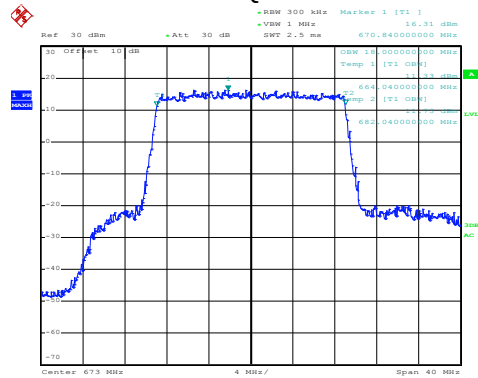
LTE Band 71: 99% Occupancy bandwidth
BW: 20MHz

16QAM



Date: 15.MAY.2020 17:59:38

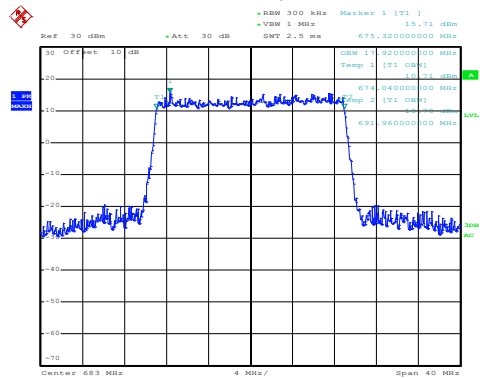
QPSK



Date: 15.MAY.2020 17:59:33

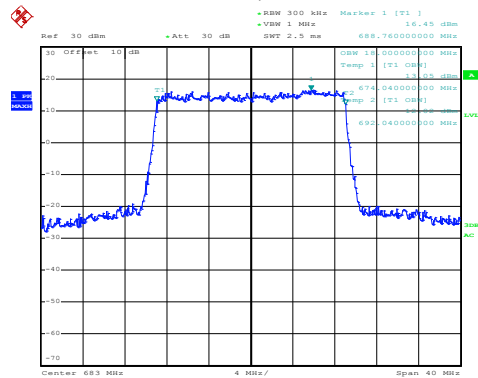
Lowest channel

16QAM



Date: 15.MAY.2020 18:00:29

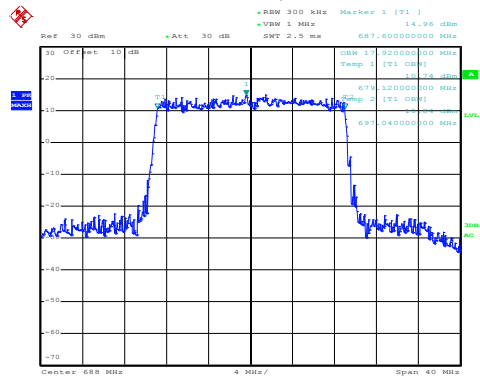
QPSK



Date: 15.MAY.2020 18:00:23

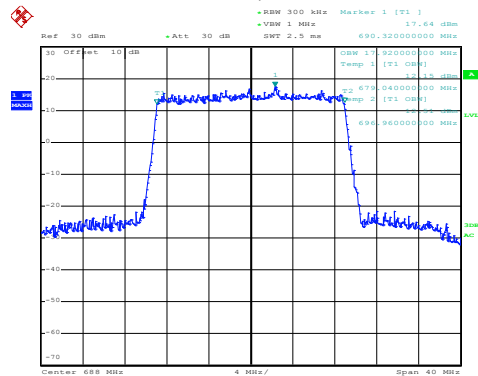
Middle channel

16QAM



Date: 15.MAY.2020 18:00:49

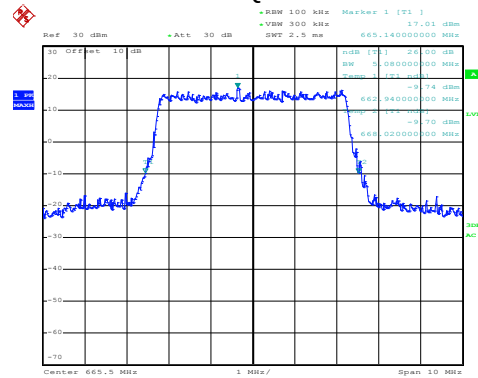
QPSK



Date: 15.MAY.2020 18:00:44

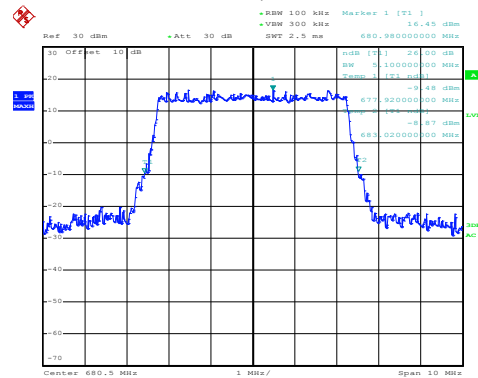
Highest channel

QPSK



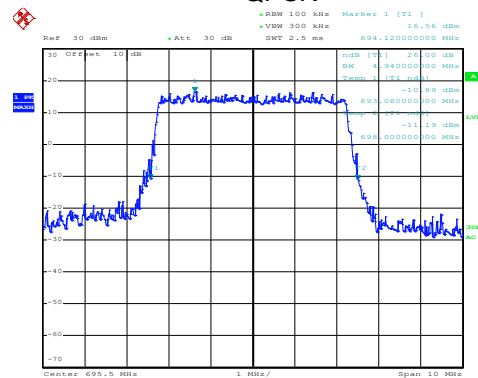
Date: 15.MAY.2020 18:12:33

QPSK



Date: 15.MAY.2020 18:13:22

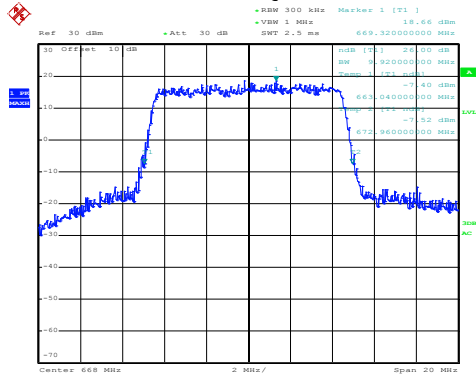
QPSK



Date: 15.MAY.2020 18:13:45

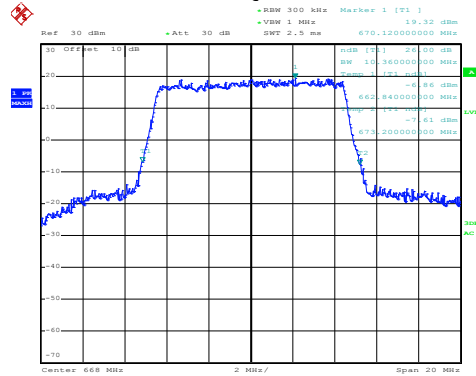
LTE Band 71: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 15.MAY.2020 18:10:51

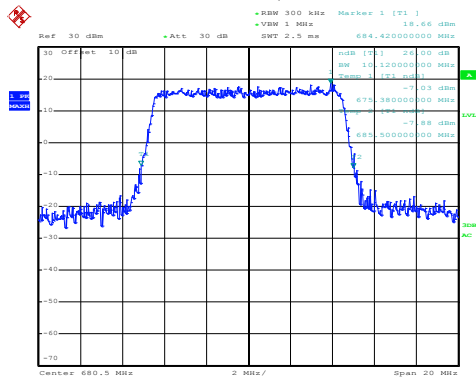
QPSK



Date: 15.MAY.2020 18:10:45

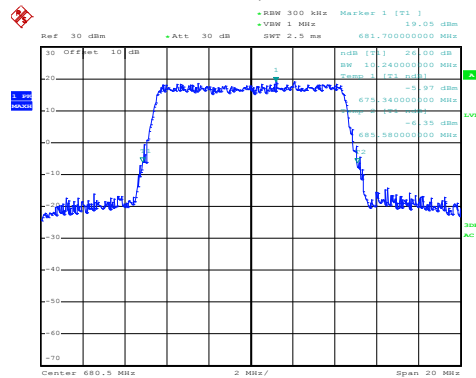
Lowest channel

16QAM



Date: 15.MAY.2020 18:11:14

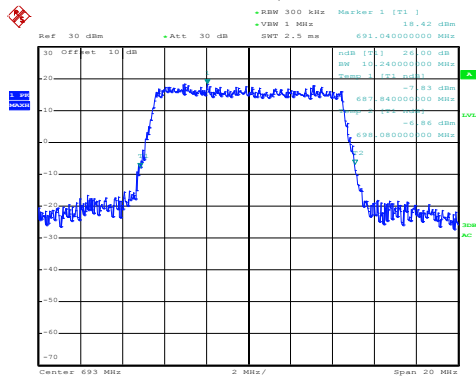
QPSK



Date: 15.MAY.2020 18:11:07

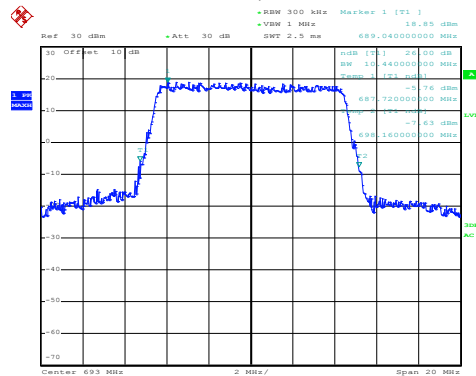
Middle channel

16QAM



Date: 15.MAY.2020 18:12:05

QPSK

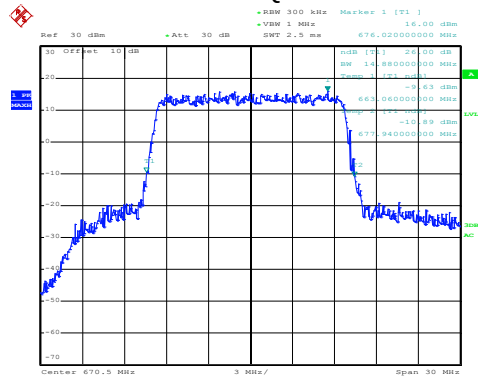


Date: 15.MAY.2020 18:12:00

Highest channel

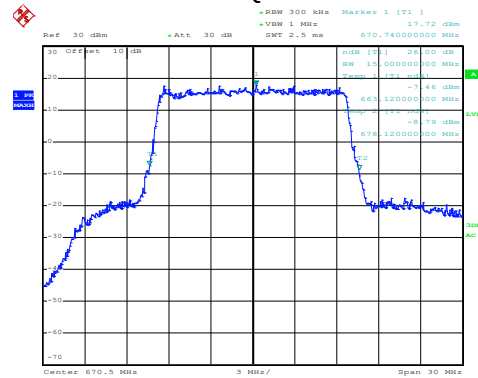
LTE Band 71: -26dBc bandwidth
BW: 15MHz

16QAM



Date: 15.MAY.2020 18:01:41

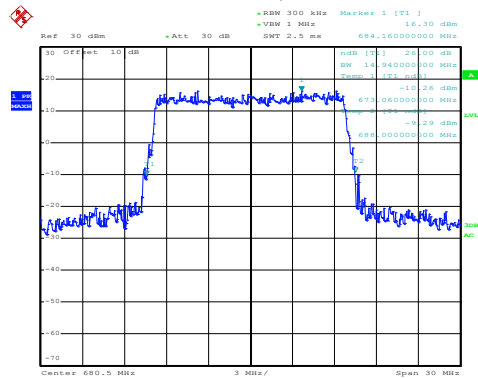
QPSK



Date: 15.MAY.2020 18:01:36

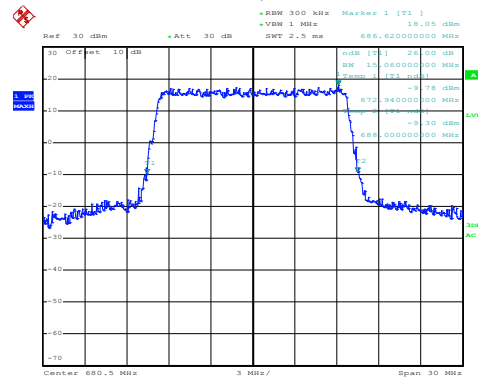
Lowest channel

16QAM



Date: 15.MAY.2020 18:02:30

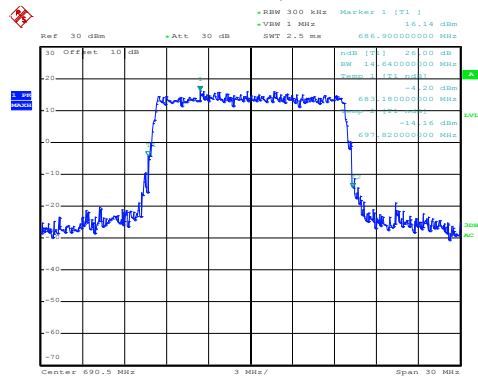
QPSK



Date: 15.MAY.2020 18:02:25

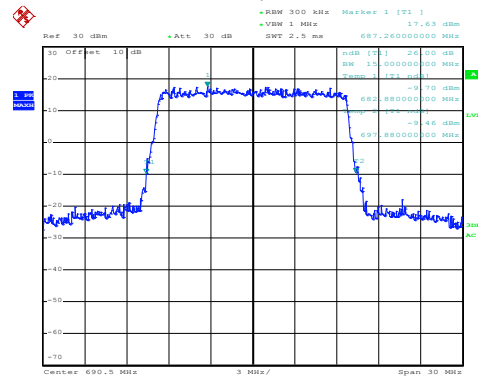
Middle channel

16QAM



Date: 15.MAY.2020 18:08:21

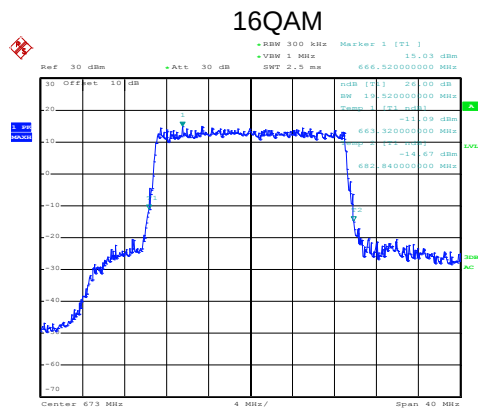
QPSK



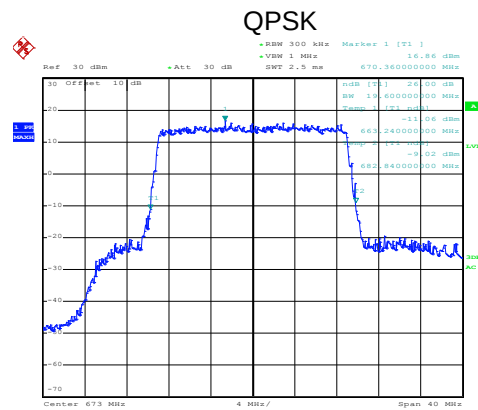
Date: 15.MAY.2020 18:08:13

Highest channel

LTE Band 71: -26dBc bandwidth
BW: 20MHz

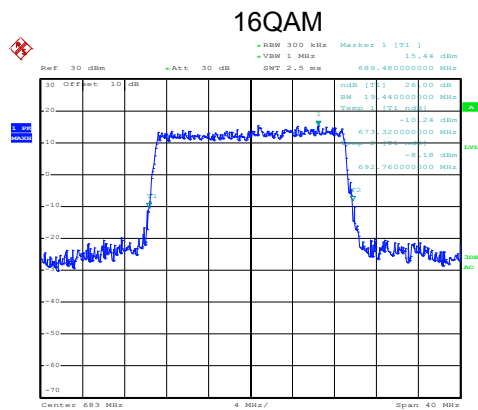


Date: 15.MAY.2020 17:59:52

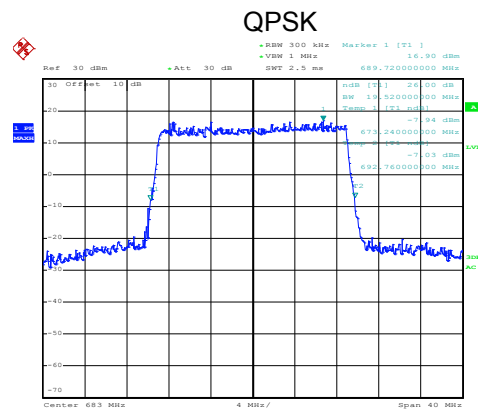


Date: 15.MAY.2020 17:59:46

Lowest channel

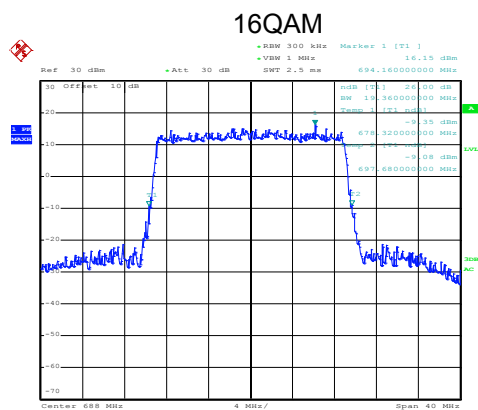


Date: 15.MAY.2020 18:00:13

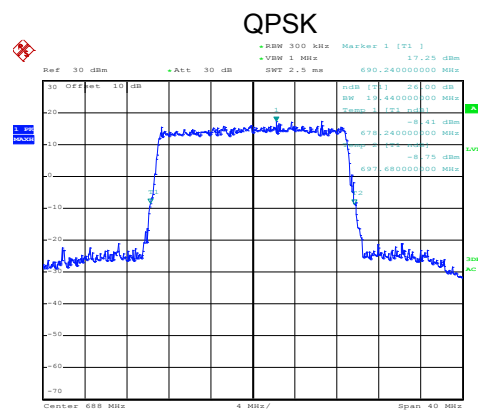


Date: 15.MAY.2020 18:00:08

Middle channel



Date: 15.MAY.2020 18:01:07



Date: 15.MAY.2020 18:01:02

Highest channel

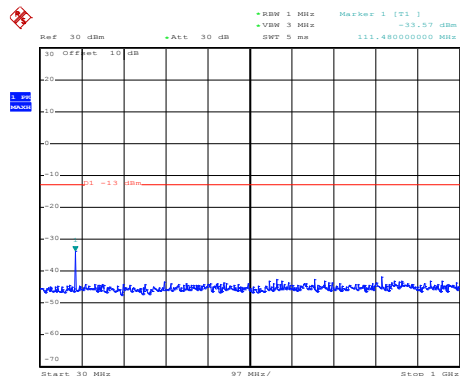
6.4 Out of band emission at antenna terminals

Test Requirement:	Part 22.917(a), Part 24.238 (a), part 27.53(c), part 27.53(g), part 27.53(h)
Limit:	LTE Band 2 & 4 & 5 & 12 & 17 & 66 & 71: 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 13: (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following: (1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB; (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB; (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log(P)$ dB in a 6.25 kHz band segment, for base and fixed stations; (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations; (5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed; (6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.
Test Setup:	The diagram illustrates the test setup. A 'System simulator' and a 'Spectrum Analyzer' are connected to a 'Splitter'. The 'Splitter' is connected to an 'ATT' (attenuator), which is then connected to the 'EUT' (Equipment Under Test).
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 bands with an open frequency less than 1GHz set the RBW=100 kHz, VBW=300 kHz and for open frequency bands greater than 1GHz set the RBW=1 MHz, VBW=3 MHz 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.

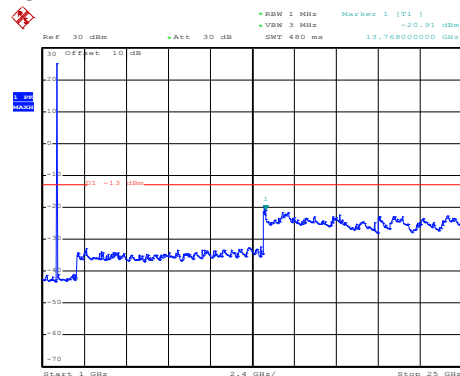
Test plots as follows (Conducted spurious emission) (worst case):
LTE Band 2 part:

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



Date: 15.MAY.2020 09:17:06

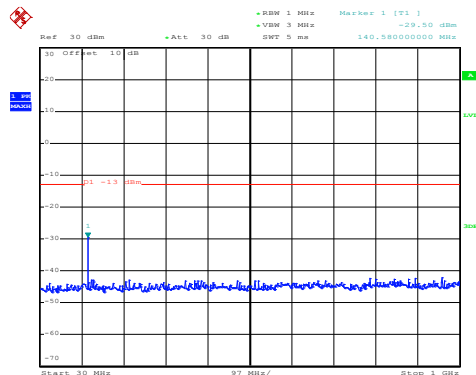
30MHz~1GHz



Date: 15.MAY.2020 09:19:11

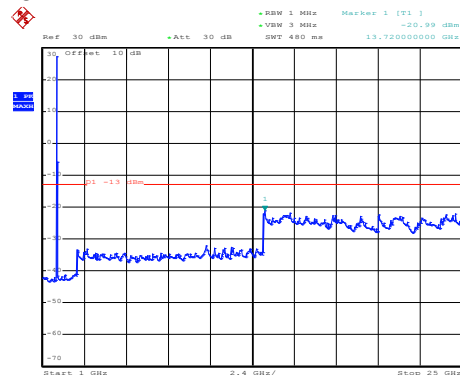
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:17:19

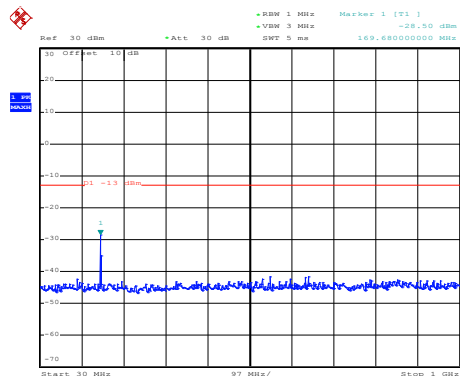
30MHz~1GHz



Date: 15.MAY.2020 09:18:45

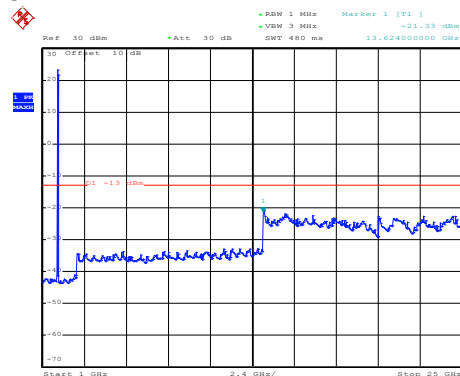
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:17:35

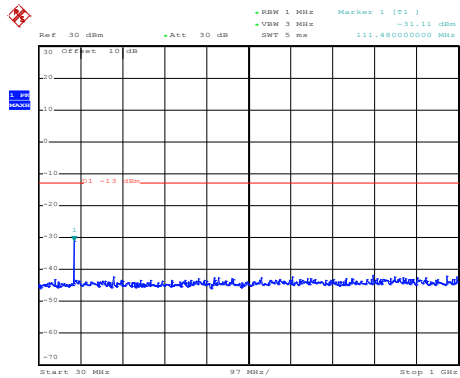
30MHz~1GHz



Date: 15.MAY.2020 09:18:26

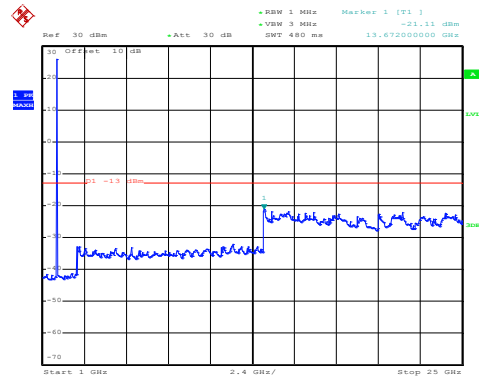
1GHz~25GHz

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



Date: 15.MAY.2020 09:17:02

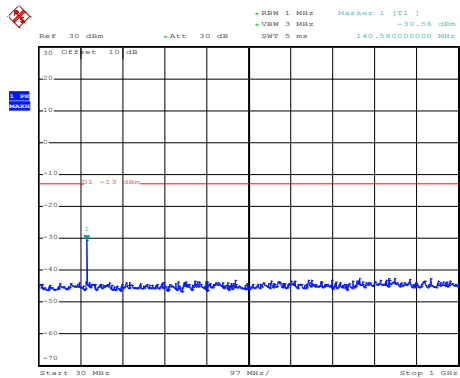
30MHz~1GHz



Date: 15.MAY.2020 09:19:02

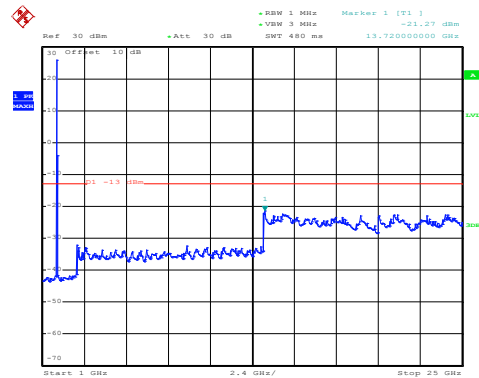
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:17:14

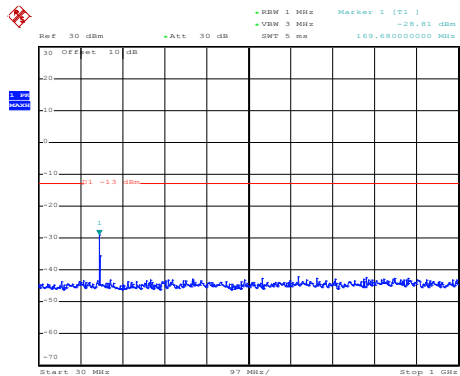
30MHz~1GHz



Date: 15.MAY.2020 09:18:37

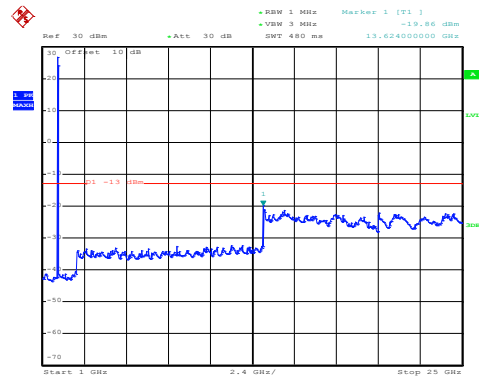
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:17:29

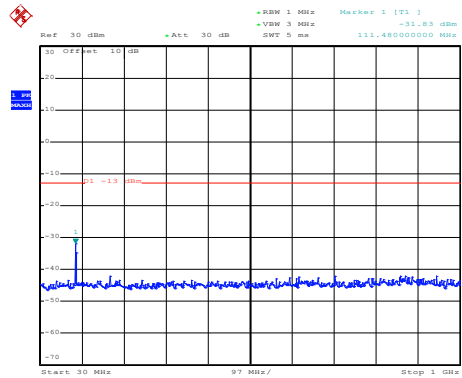
30MHz~1GHz



Date: 15.MAY.2020 09:18:19

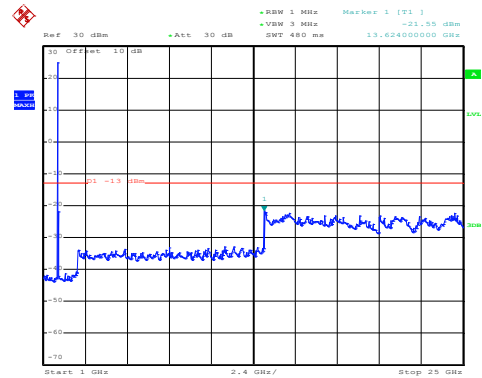
1GHz~25GHz

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



Date: 15.MAY.2020 09:16:37

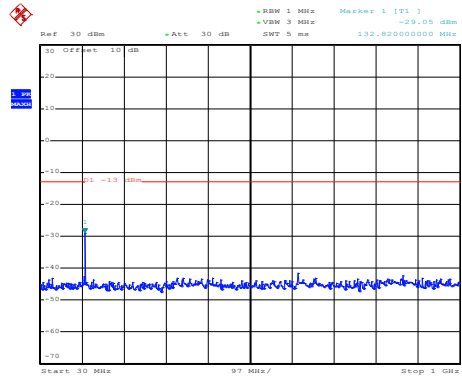
30MHz~1GHz



Date: 15.MAY.2020 09:14:44

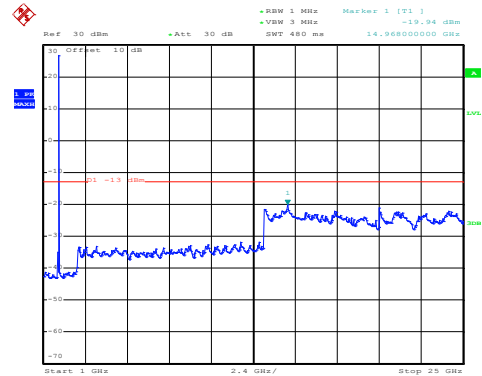
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:16:02

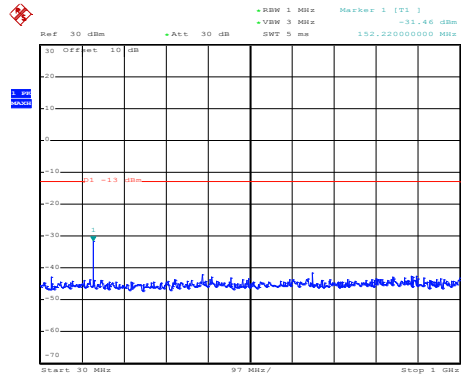
30MHz~1GHz



Date: 15.MAY.2020 09:15:10

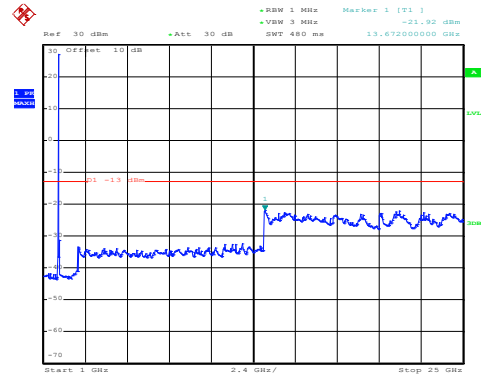
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:15:50

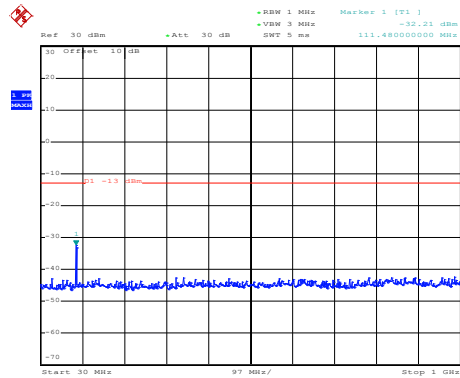
30MHz~1GHz



Date: 15.MAY.2020 09:15:32

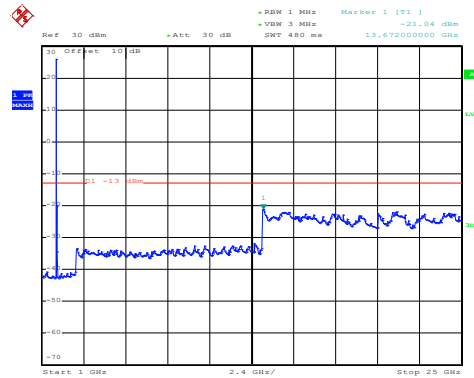
1GHz~25GHz

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



Date: 15.MAY.2020 09:16:09

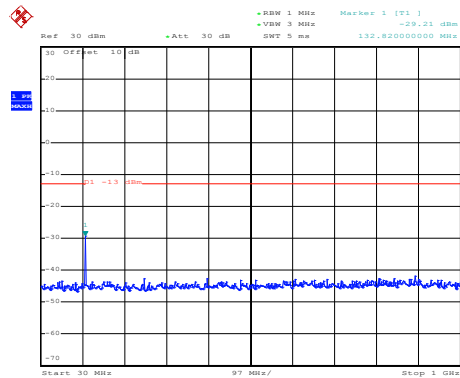
30MHz~1GHz



Date: 15.MAY.2020 09:14:36

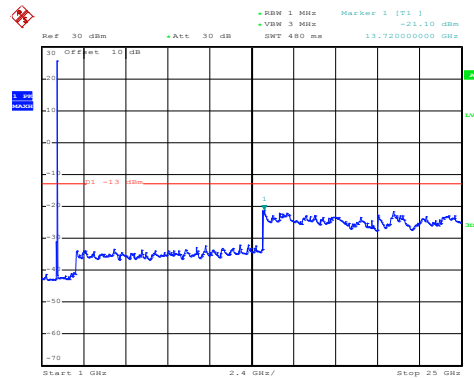
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:15:57

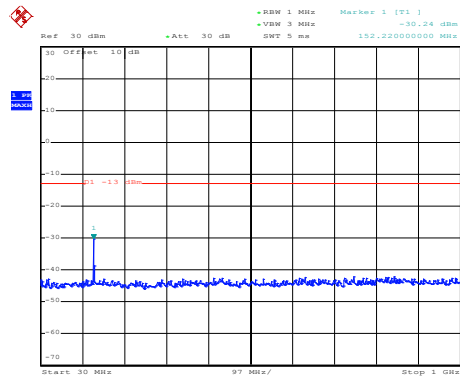
30MHz~1GHz



Date: 15.MAY.2020 09:14:57

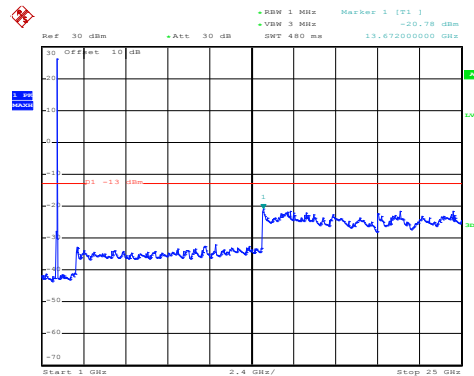
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:15:45

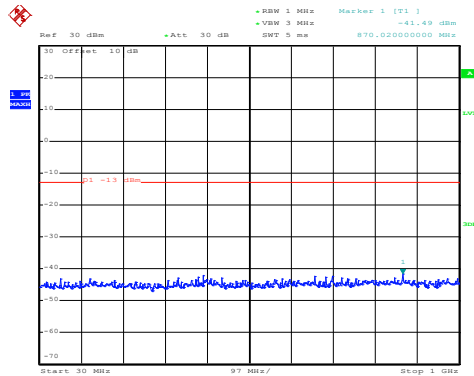
30MHz~1GHz



Date: 15.MAY.2020 09:15:25

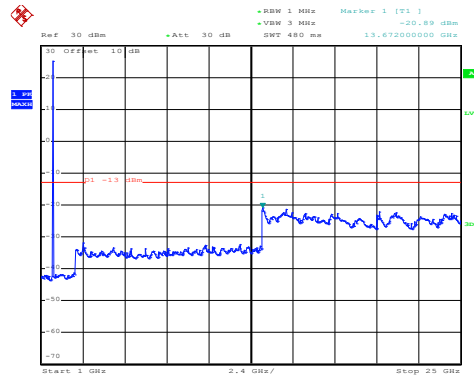
1GHz~25GHz

LTE Band 4 part:

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

Date: 15.MAY.2020 09:21:02

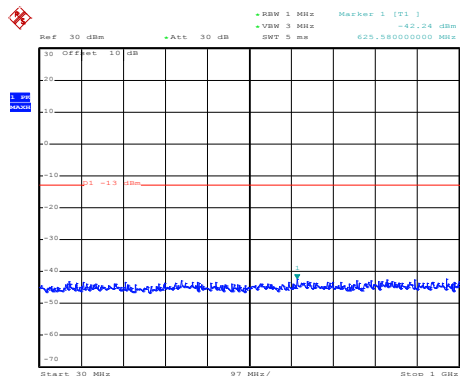
30MHz~1GHz



Date: 15.MAY.2020 09:19:34

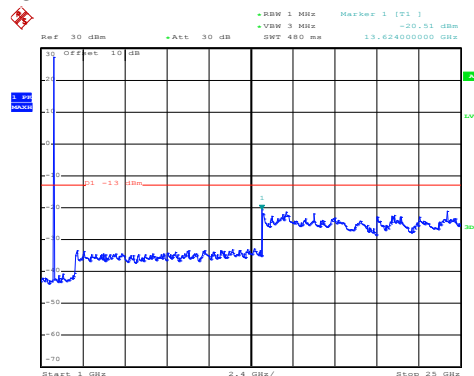
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:20:49

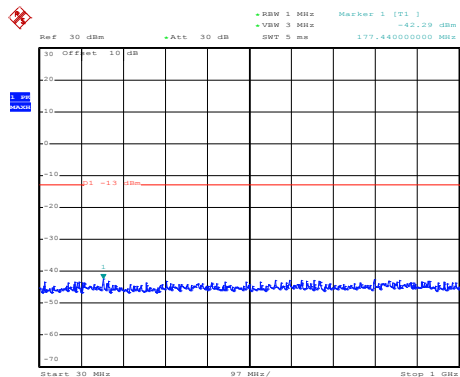
30MHz~1GHz



Date: 15.MAY.2020 09:19:54

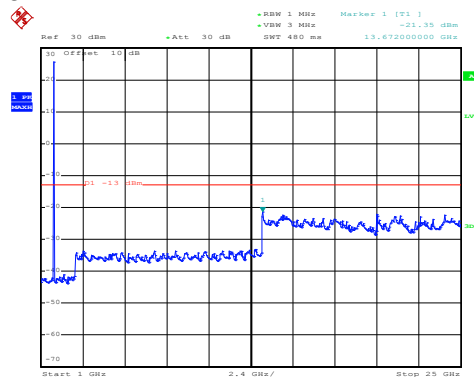
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:20:38

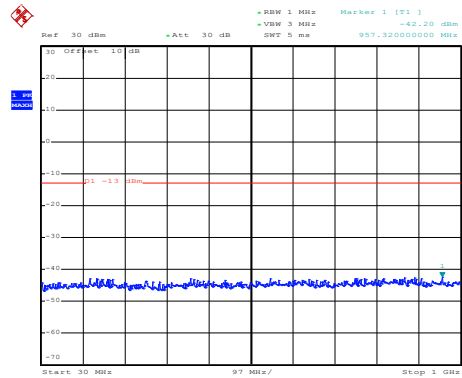
30MHz~1GHz



Date: 15.MAY.2020 09:20:19

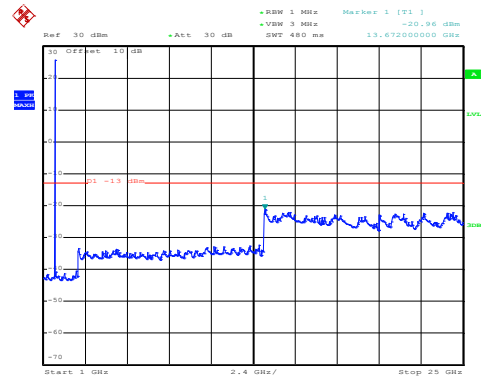
1GHz~25GHz

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



Date: 15.MAY.2020 09:20:57

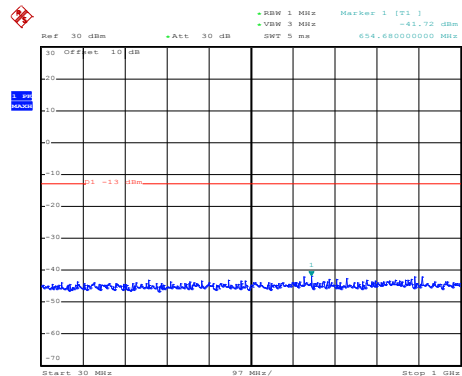
30MHz~1GHz



Date: 15.MAY.2020 09:19:24

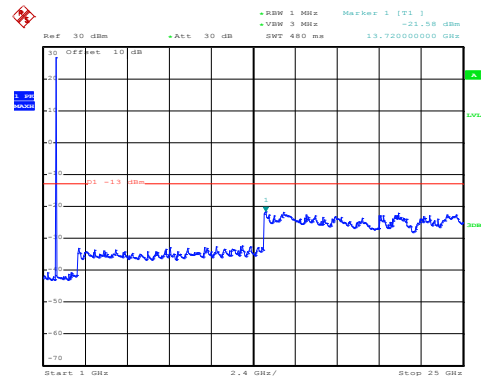
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:20:45

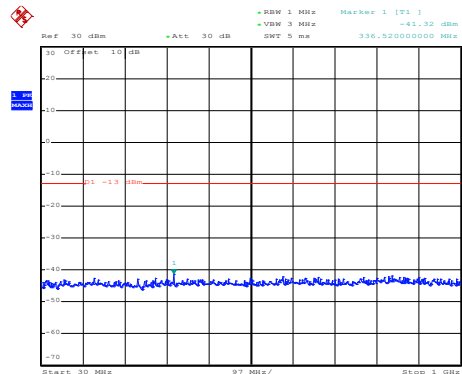
30MHz~1GHz



Date: 15.MAY.2020 09:19:46

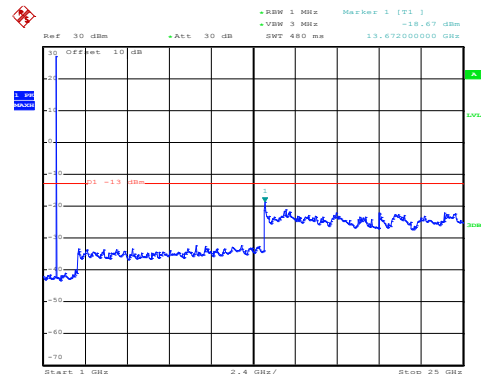
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:20:33

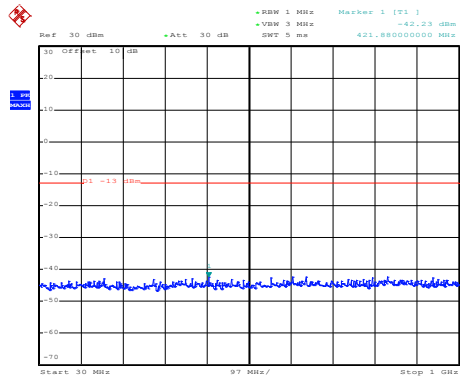
30MHz~1GHz



Date: 15.MAY.2020 09:20:12

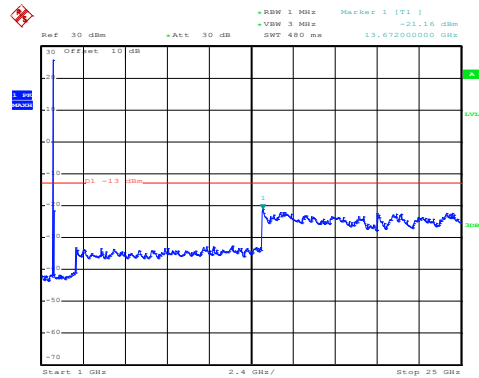
1GHz~25GHz

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



Date: 15.MAY.2020 09:12:27

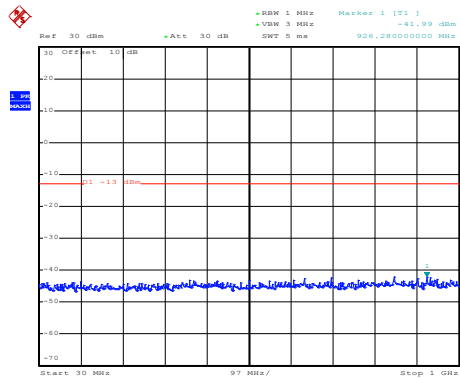
30MHz~1GHz



Date: 15.MAY.2020 09:14:14

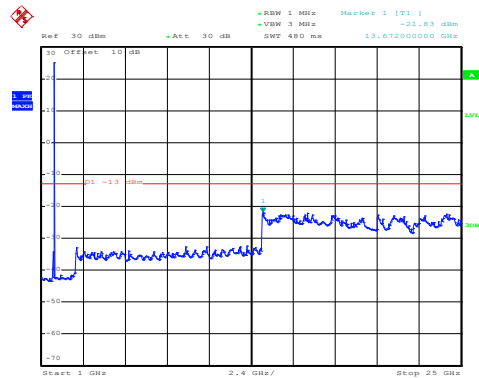
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:12:40

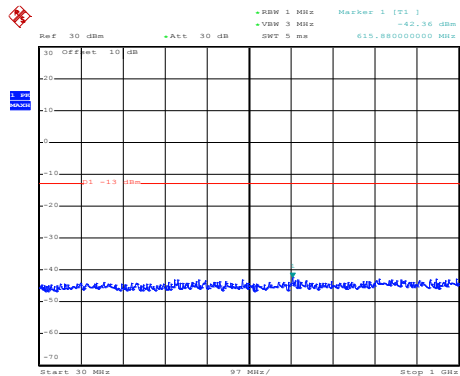
30MHz~1GHz



Date: 15.MAY.2020 09:13:51

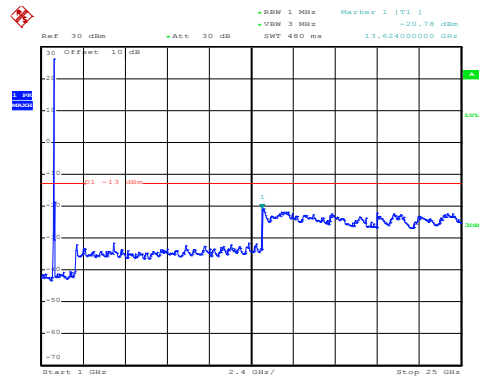
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:12:53

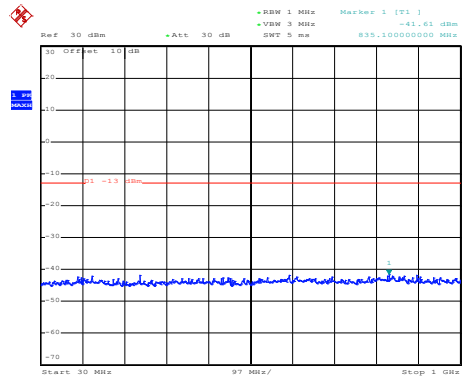
30MHz~1GHz



Date: 15.MAY.2020 09:13:18

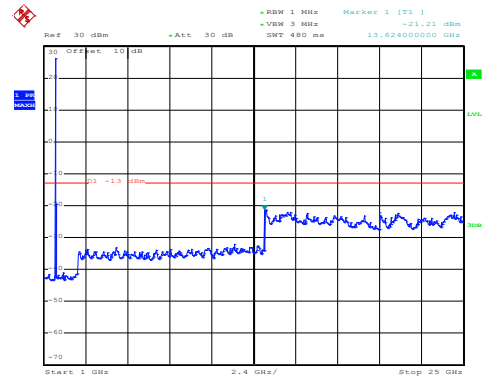
1GHz~25GHz

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



Date: 15.MAY.2020 09:12:20

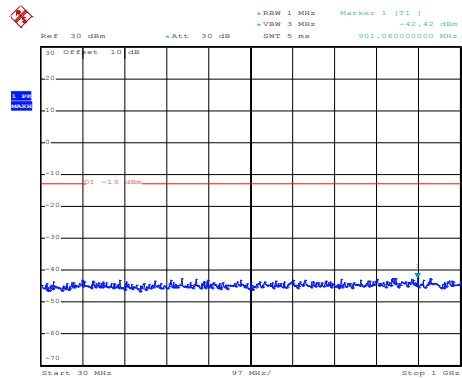
30MHz~1GHz



Date: 15.MAY.2020 09:14:02

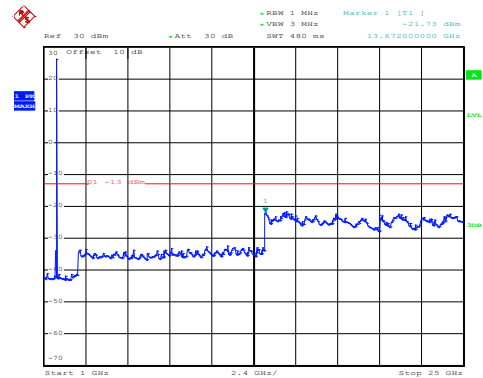
1GHz~25GHz

Middle channel



Date: 15.MAY.2020 09:12:36

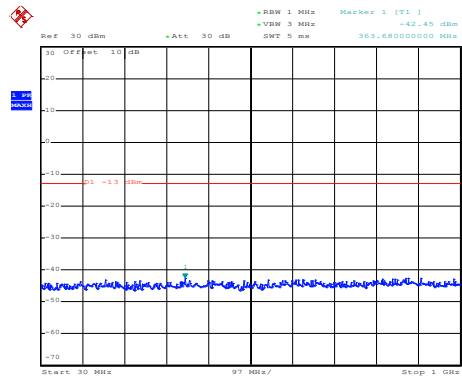
30MHz~1GHz



Date: 15.MAY.2020 09:13:43

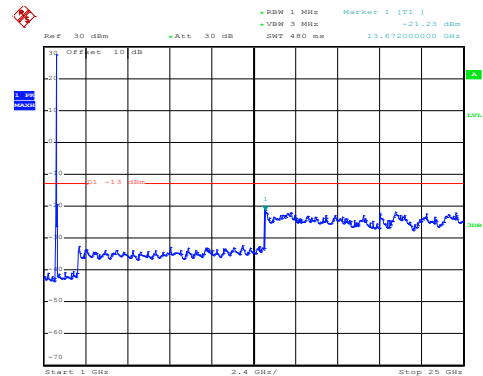
1GHz~25GHz

High channel



Date: 15.MAY.2020 09:12:48

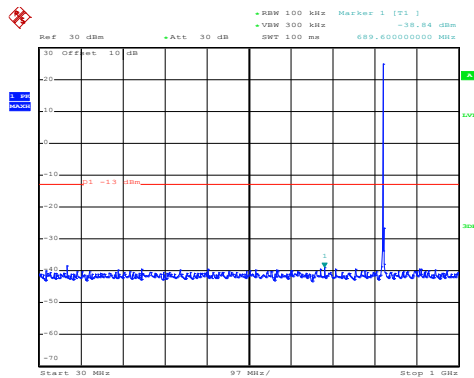
30MHz~1GHz



Date: 15.MAY.2020 09:13:28

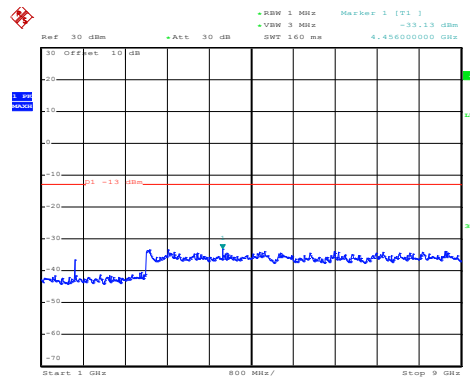
1GHz~25GHz

LTE Band 5 part:

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

Date: 15.MAY.2020 09:22:10

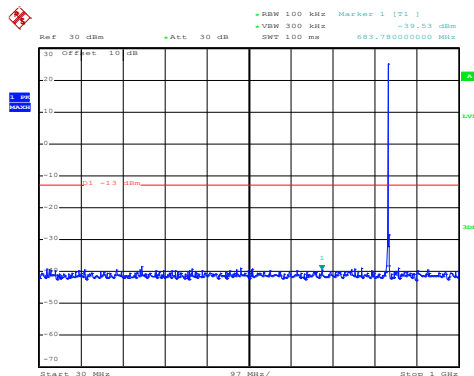
30MHz~1GHz



Date: 15.MAY.2020 09:23:59

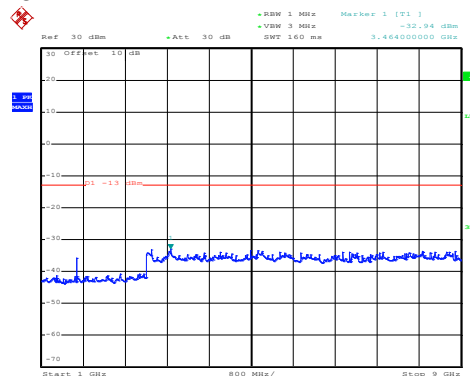
1GHz~9GHz

Middle channel



Date: 15.MAY.2020 09:22:31

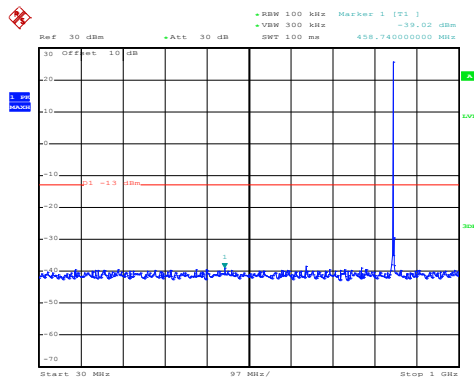
30MHz~1GHz



Date: 15.MAY.2020 09:23:38

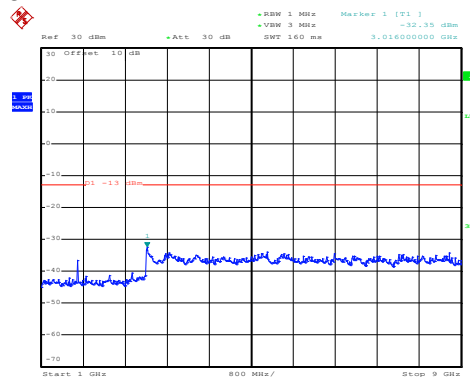
1GHz~9GHz

High channel



Date: 15.MAY.2020 09:22:55

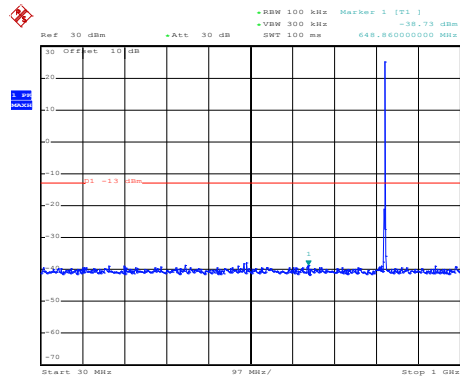
30MHz~1GHz



Date: 15.MAY.2020 09:23:19

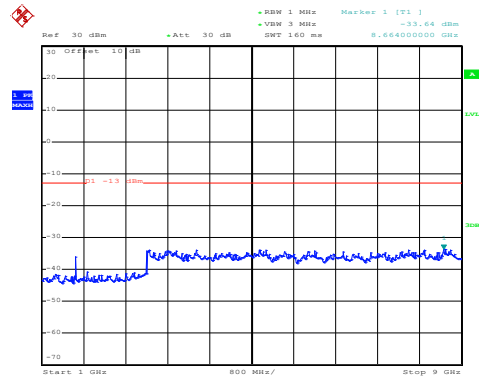
1GHz~9GHz

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



Date: 15.MAY.2020 09:22:03

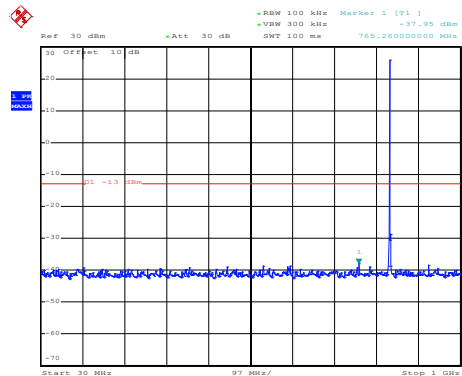
30MHz~1GHz



Date: 15.MAY.2020 09:23:52

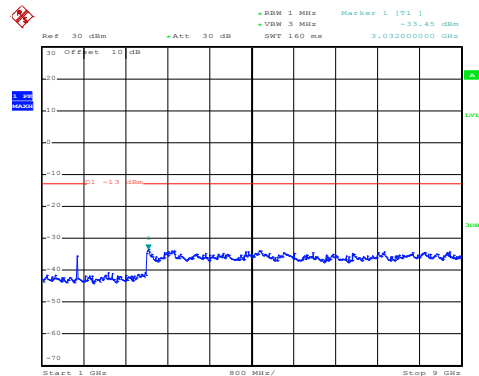
1GHz~9GHz

Middle channel



Date: 15.MAY.2020 09:22:21

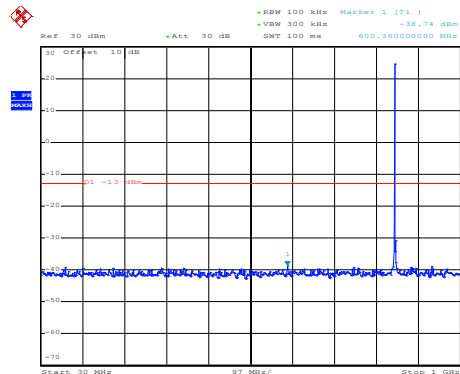
30MHz~1GHz



Date: 15.MAY.2020 09:23:29

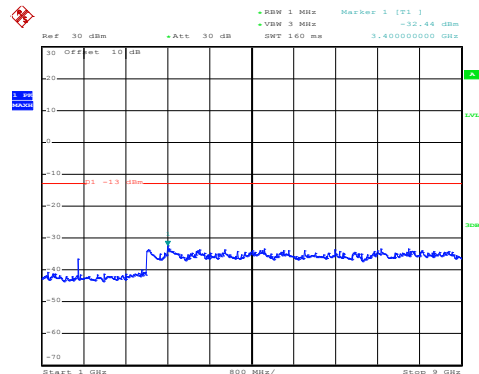
1GHz~9GHz

High channel



Date: 15.MAY.2020 09:22:45

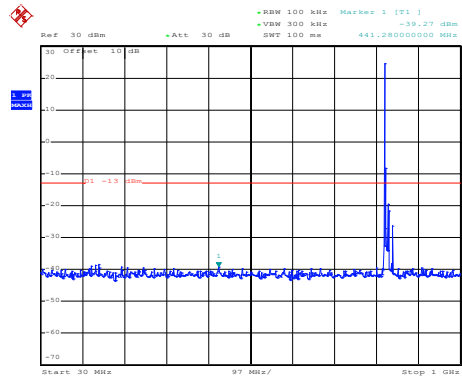
30MHz~1GHz



Date: 15.MAY.2020 09:23:13

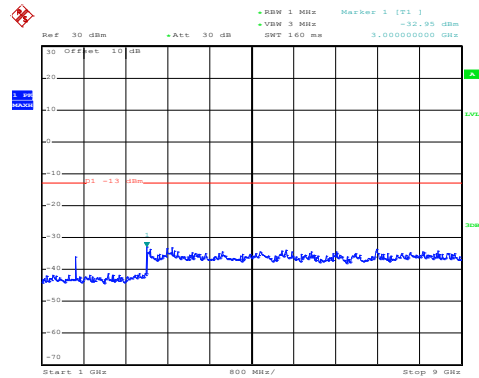
1GHz~9GHz

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



Date: 15.MAY.2020 09:33:22

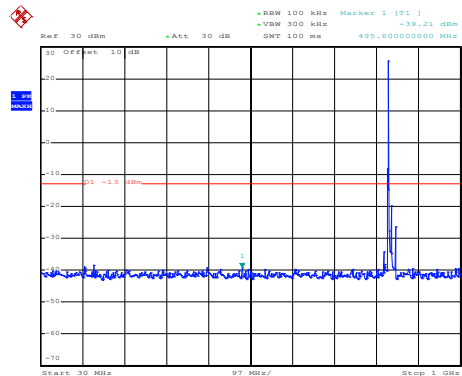
30MHz~1GHz



Date: 15.MAY.2020 09:31:42

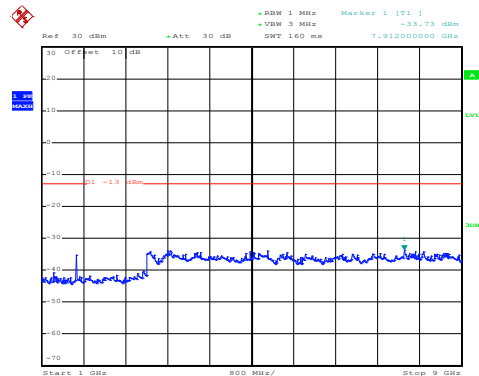
1GHz~9GHz

Middle channel



Date: 15.MAY.2020 09:33:00

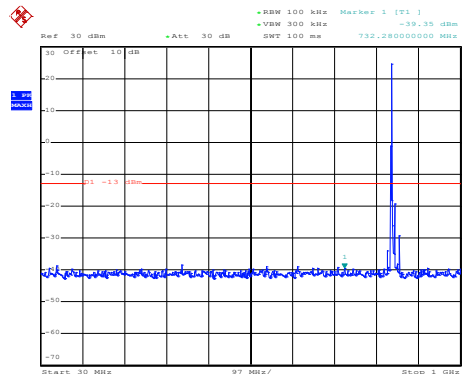
30MHz~1GHz



Date: 15.MAY.2020 09:31:57

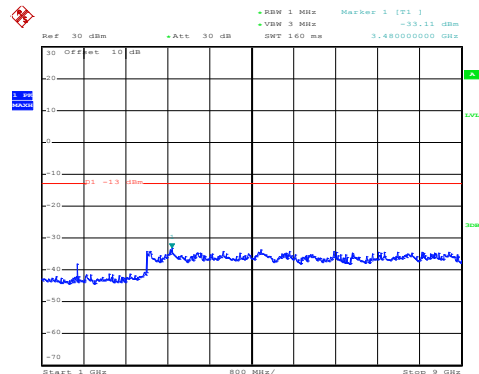
1GHz~9GHz

High channel



Date: 15.MAY.2020 09:32:39

30MHz~1GHz



Date: 15.MAY.2020 09:32:13

1GHz~9GHz