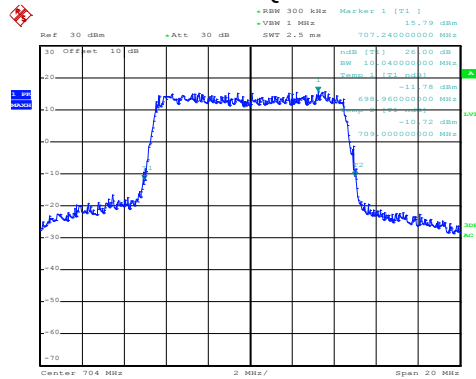


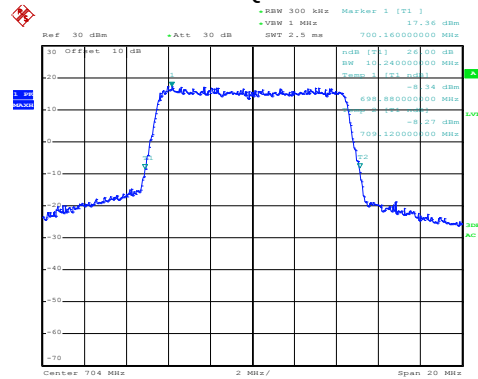
LTE Band 12: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 14:18:37

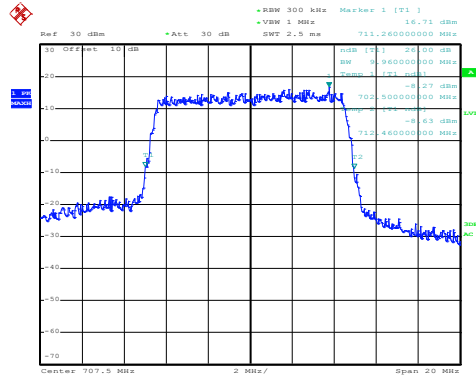
QPSK



Date: 22.SEP.2019 14:18:33

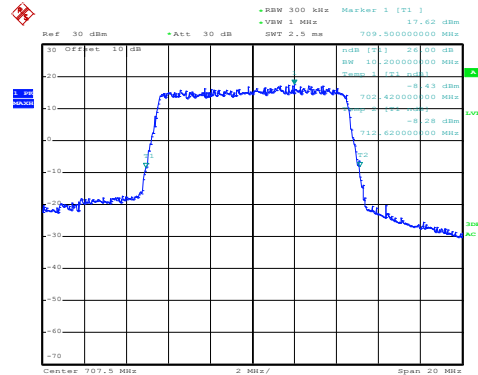
Lowest channel

16QAM



Date: 22.SEP.2019 14:19:17

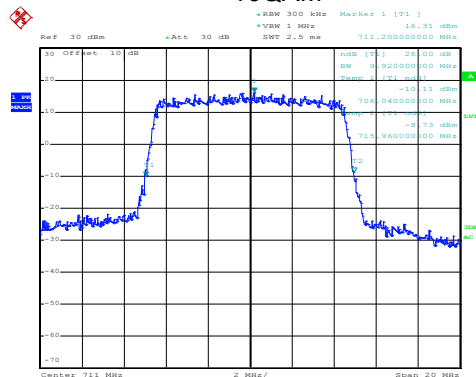
QPSK



Date: 22.SEP.2019 14:19:13

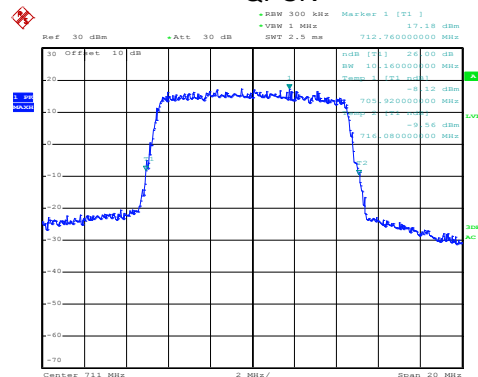
Middle channel

16QAM



Date: 22.SEP.2019 14:19:35

QPSK

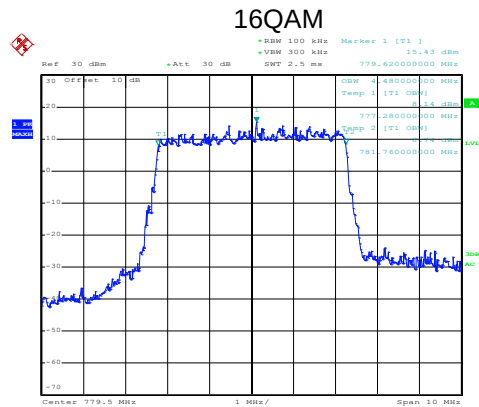


Date: 22.SEP.2019 14:19:29

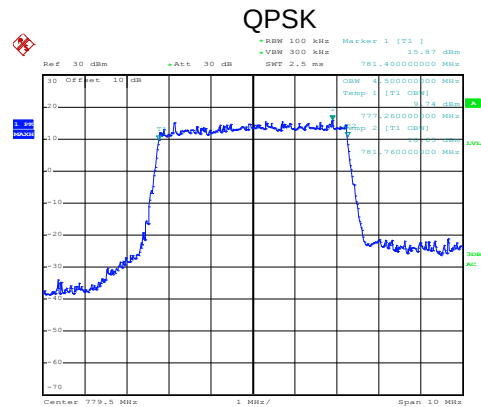
Highest channel

LTE Band 13 part:

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

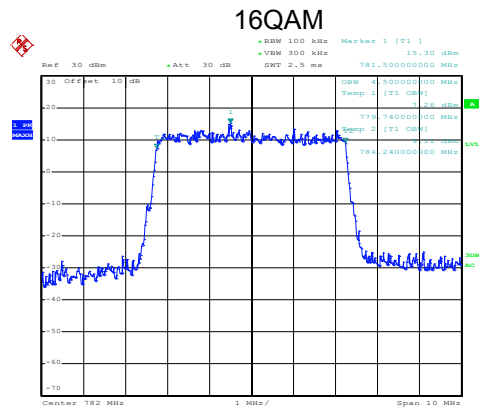


Date: 22.SEP.2019 14:29:35

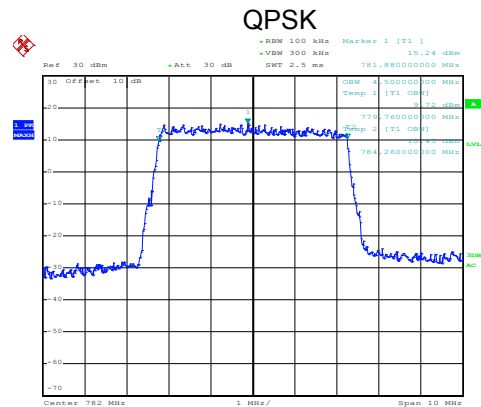


Date: 22.SEP.2019 14:29:30

Lowest channel

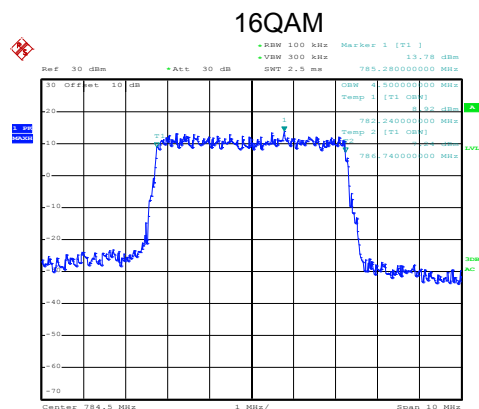


Date: 22.SEP.2019 14:30:19

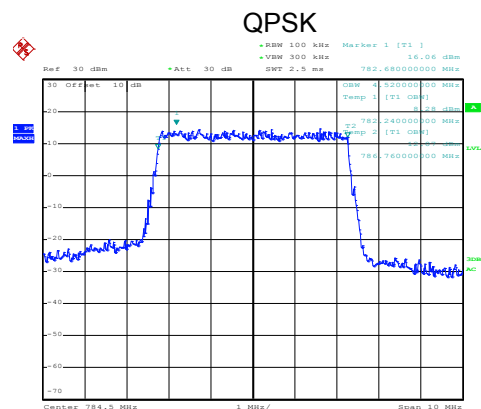


Date: 22.SEP.2019 14:30:14

Middle channel

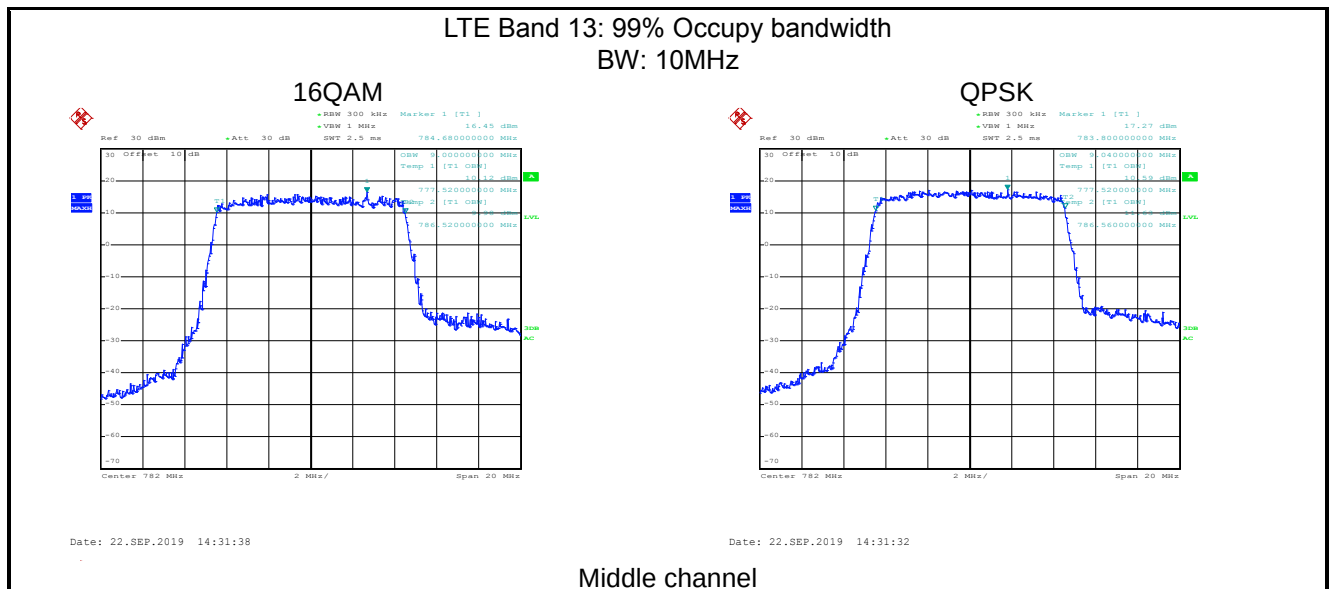


Date: 22.SEP.2019 14:30:36



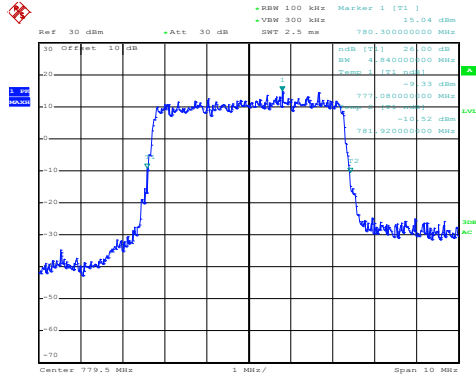
Date: 22.SEP.2019 14:30:31

Highest channel



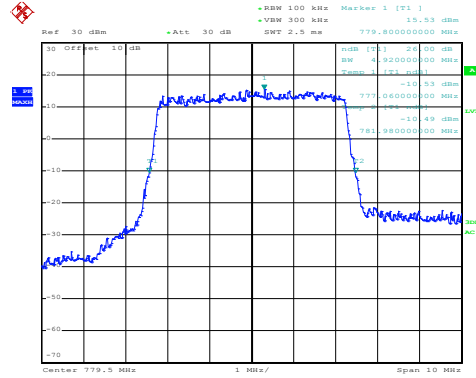
LTE Band 13: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 14:29:49

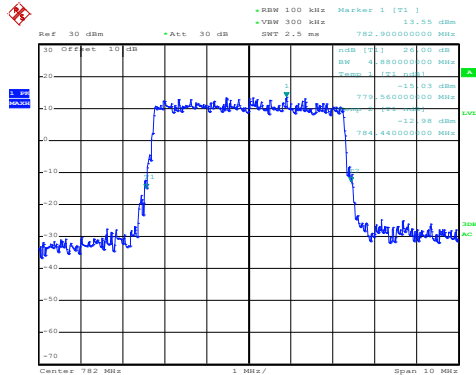
QPSK



Date: 22.SEP.2019 14:29:44

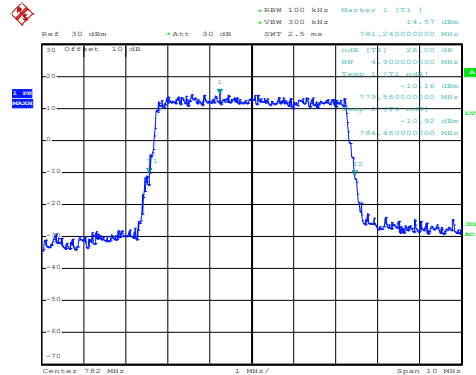
Lowest channel

16QAM



Date: 22.SEP.2019 14:30:04

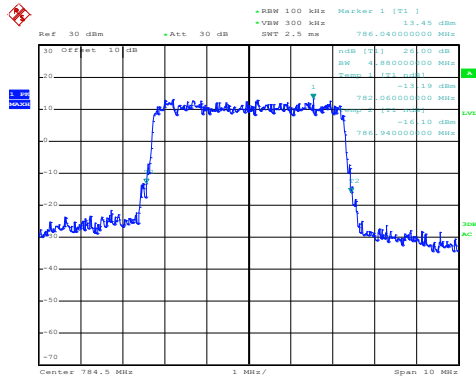
QPSK



Date: 22.SEP.2019 14:30:00

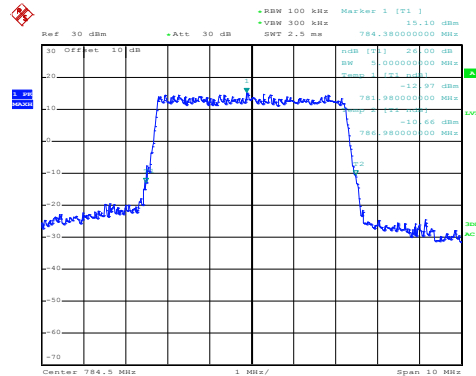
Middle channel

16QAM



Date: 22.SEP.2019 14:30:48

QPSK

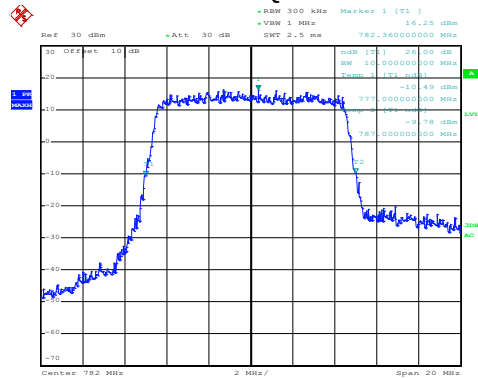


Date: 22.SEP.2019 14:30:44

Highest channel

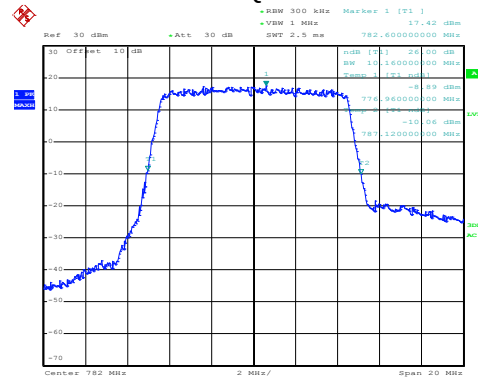
LTE Band 13: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 14:31:21

QPSK



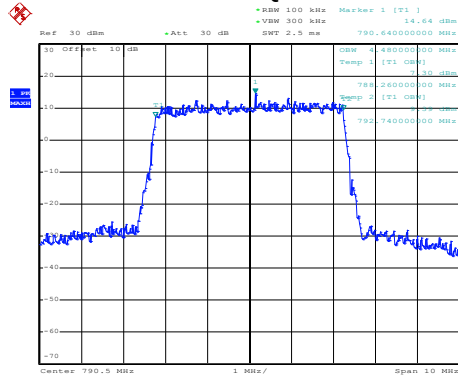
Date: 22.SEP.2019 14:31:16

Middle channel

LTE Band 14 part:

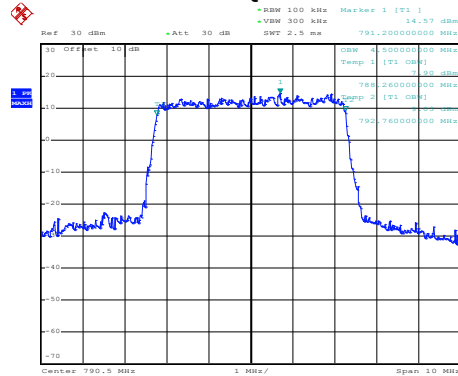
LTE Band 14: 99% Occupy bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 14:34:05

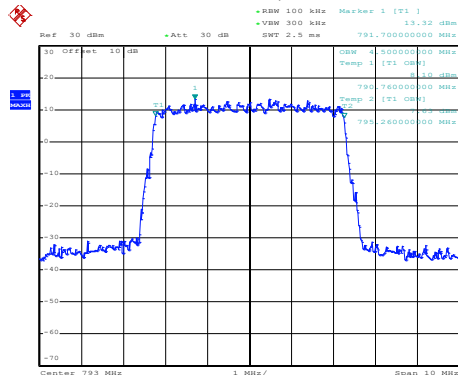
QPSK



Date: 22.SEP.2019 14:33:59

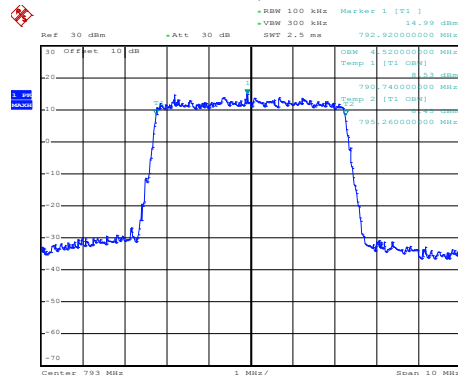
Lowest channel

16QAM



Date: 22.SEP.2019 14:33:35

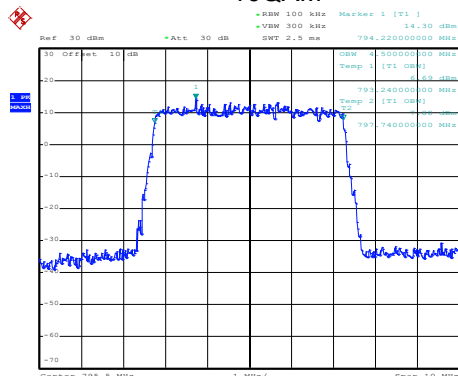
QPSK



Date: 22.SEP.2019 14:33:28

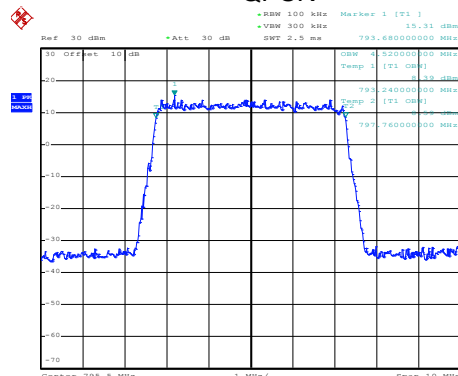
Middle channel

16QAM



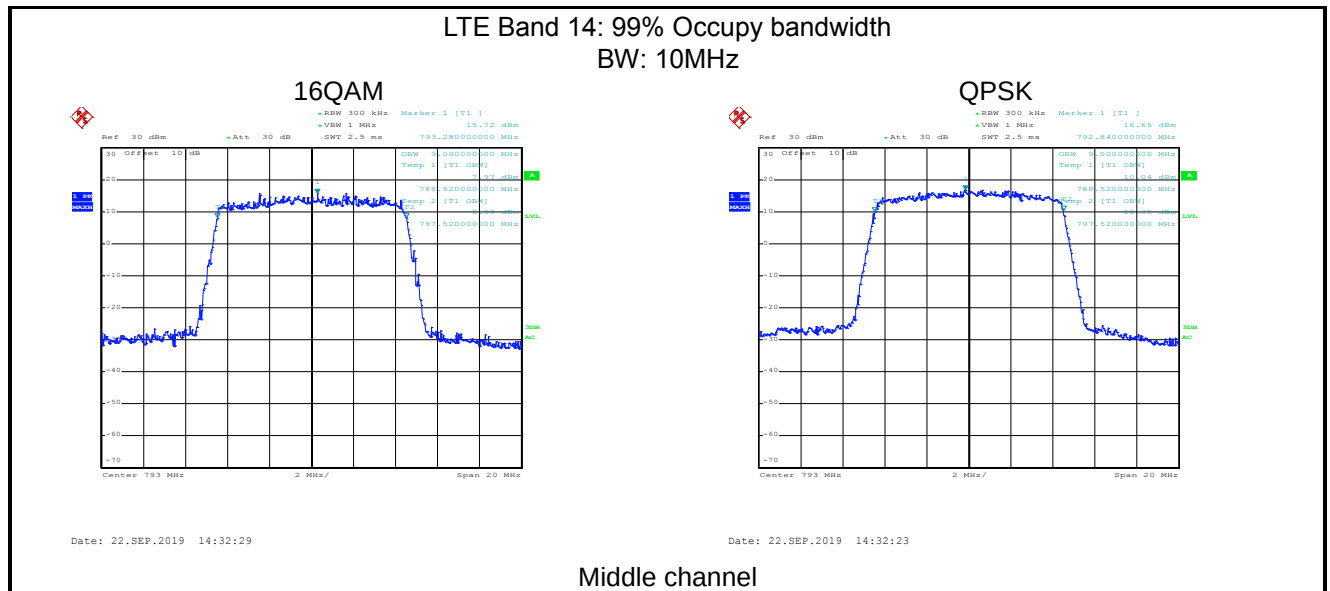
Date: 22.SEP.2019 14:34:59

QPSK

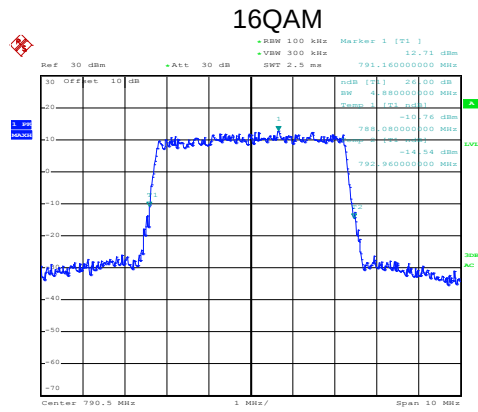


Date: 22.SEP.2019 14:34:51

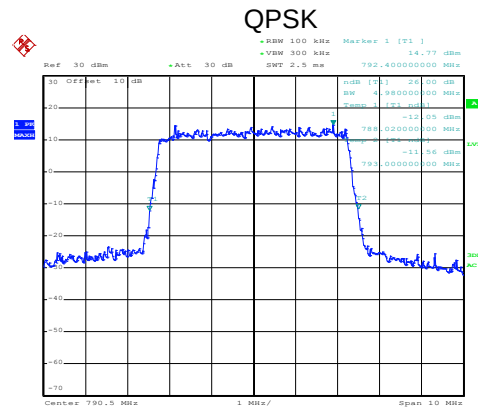
Highest channel



LTE Band 14: -26dBc bandwidth
BW: 5MHz

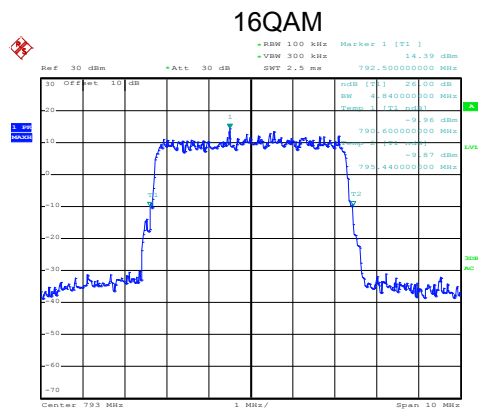


Date: 22.SEP.2019 14:34:22

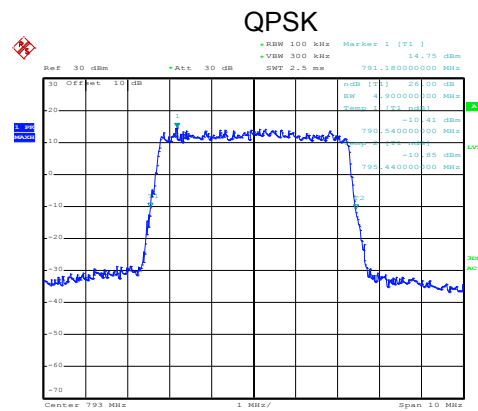


Date: 22.SEP.2019 14:34:16

Lowest channel

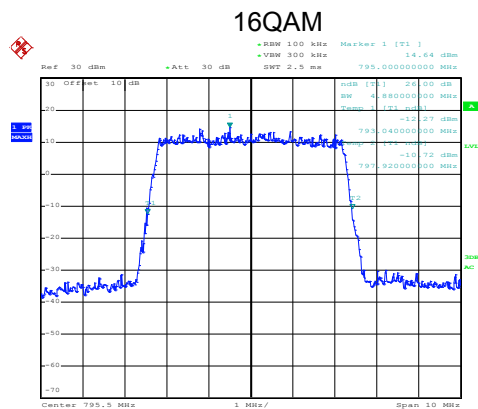


Date: 22.SEP.2019 14:33:16

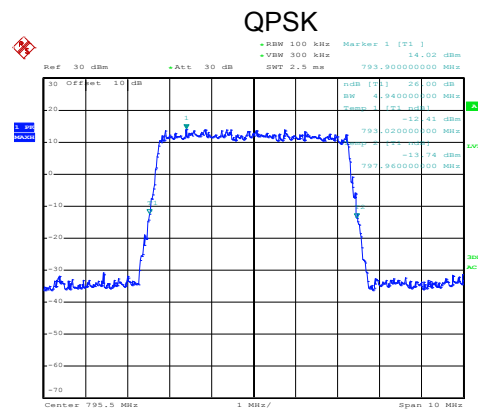


Date: 22.SEP.2019 14:33:10

Middle channel



Date: 22.SEP.2019 14:34:41

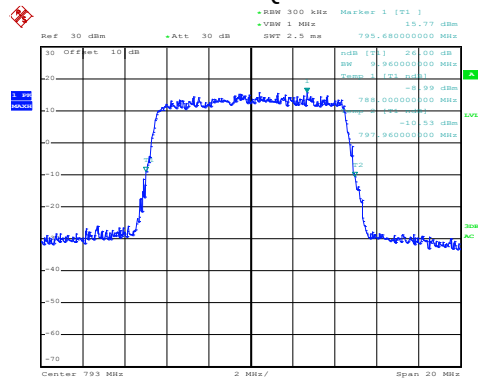


Date: 22.SEP.2019 14:34:34

Highest channel

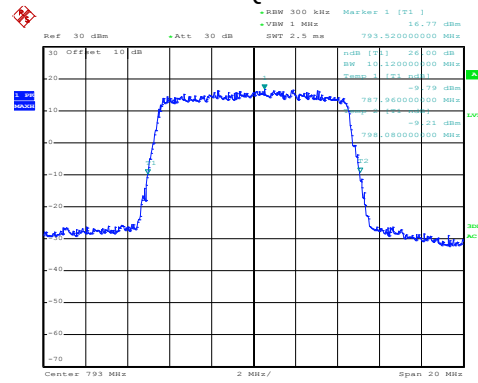
LTE Band 14: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 14:32:47

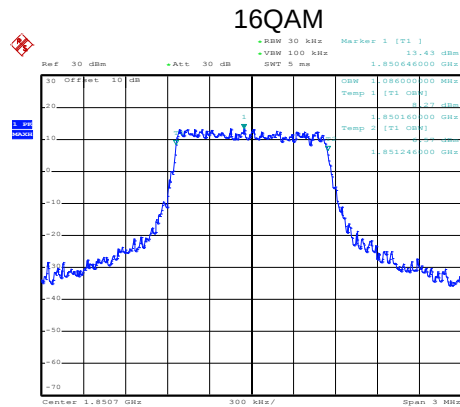
QPSK



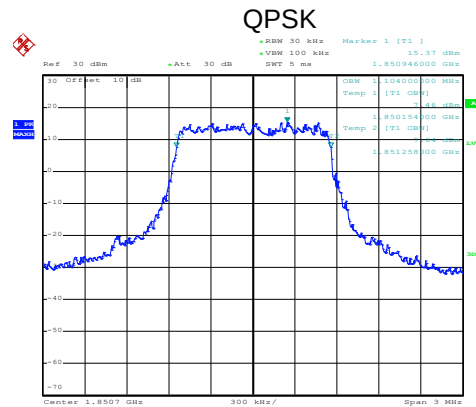
Date: 22.SEP.2019 14:32:40

Middle channel

LTE Band 25 part:

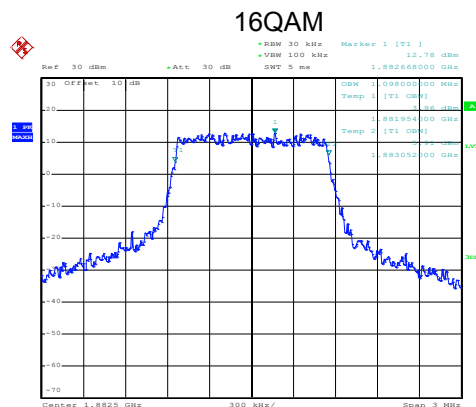
LTE Band 25: 99% Occupancy bandwidth
BW: 1.4MHz

Date: 10.OCT.2019 09:11:58

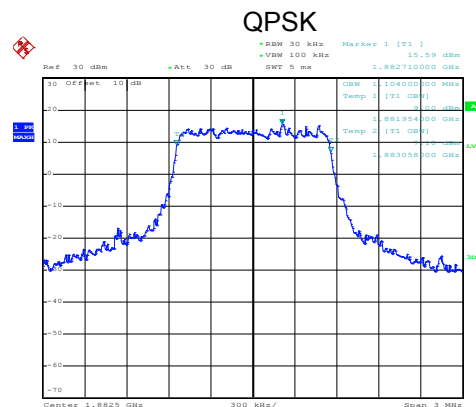


Date: 10.OCT.2019 09:11:54

Lowest channel

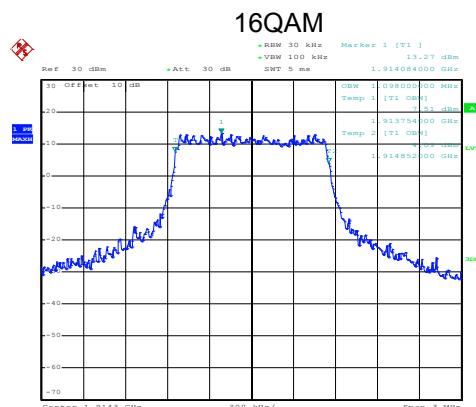


Date: 10.OCT.2019 09:12:39

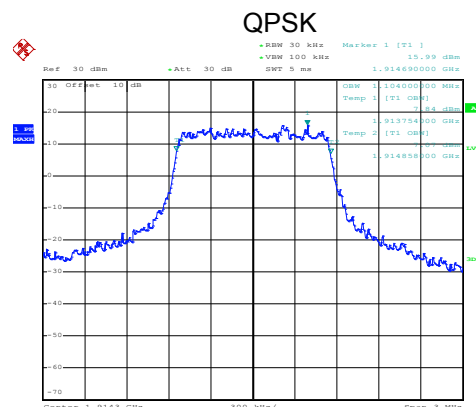


Date: 10.OCT.2019 09:12:35

Middle channel



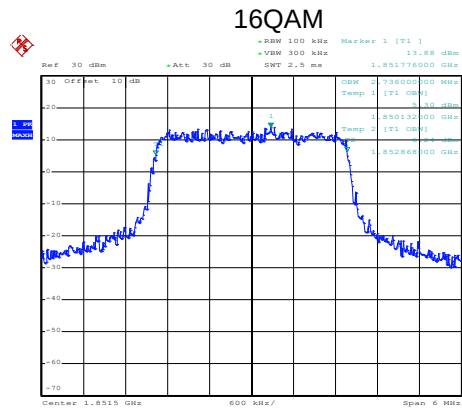
Date: 10.OCT.2019 09:12:57



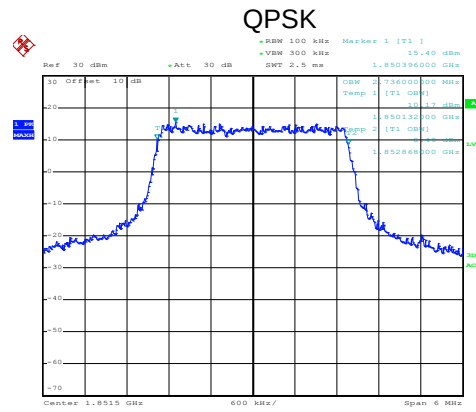
Date: 10.OCT.2019 09:12:53

Highest channel

LTE Band 25: 99% Occupy bandwidth
BW: 3MHz

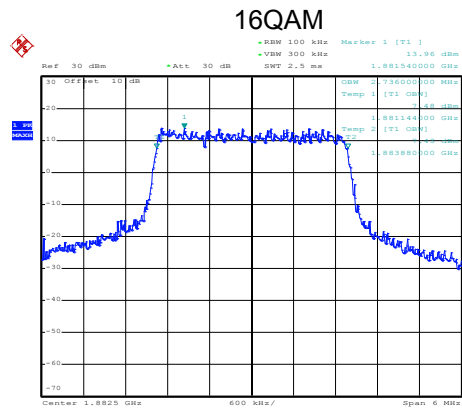


Date: 22.SEP.2019 14:38:12

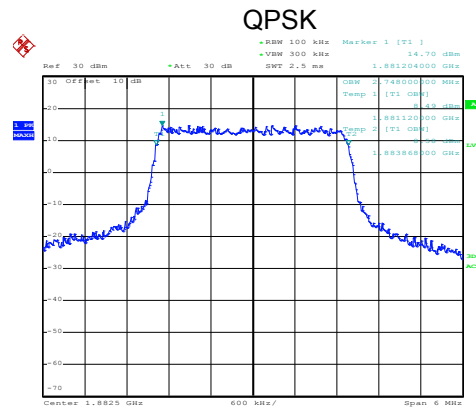


Date: 22.SEP.2019 14:38:08

Lowest channel

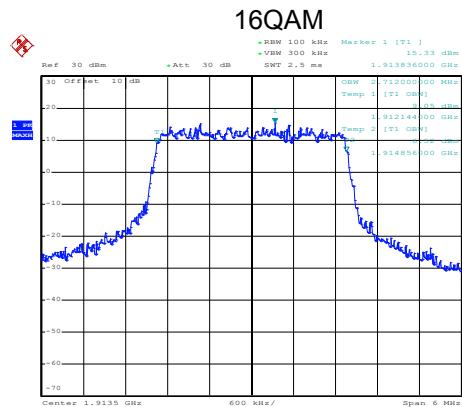


Date: 22.SEP.2019 14:38:27

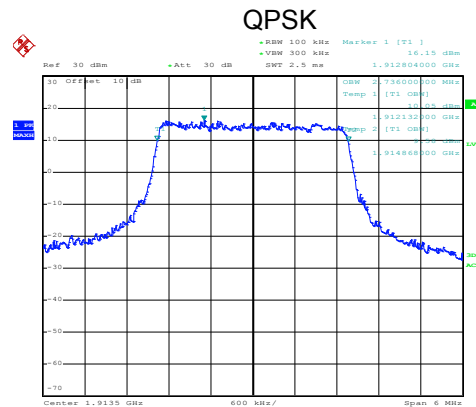


Date: 22.SEP.2019 14:38:22

Middle channel



Date: 22.SEP.2019 14:39:18

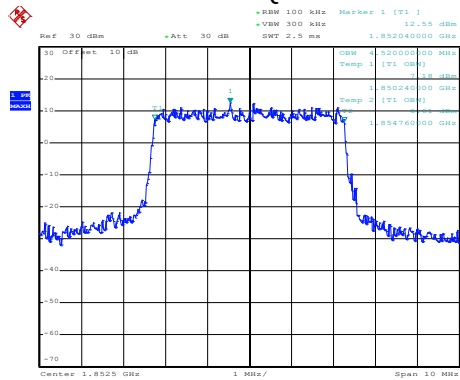


Date: 22.SEP.2019 14:39:14

Highest channel

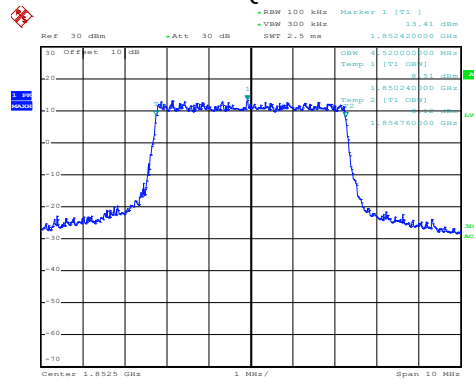
LTE Band 25: 99% Occupy bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 14:39:51

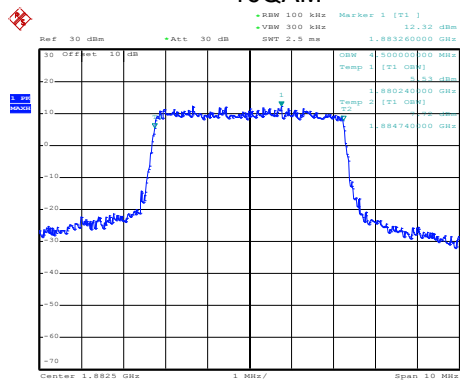
QPSK



Date: 22.SEP.2019 14:39:47

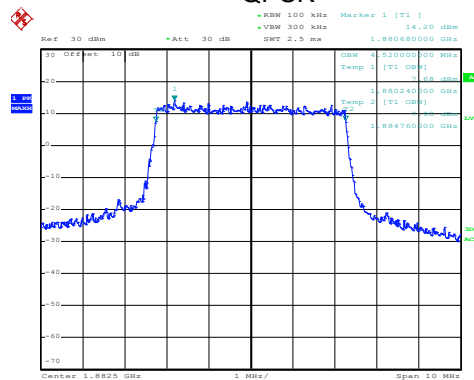
Lowest channel

16QAM



Date: 22.SEP.2019 14:40:53

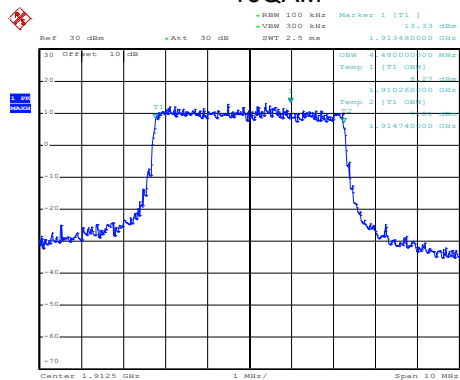
QPSK



Date: 22.SEP.2019 14:40:46

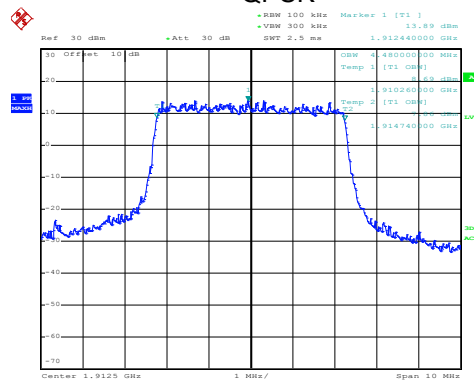
Middle channel

16QAM



Date: 22.SEP.2019 14:41:18

QPSK

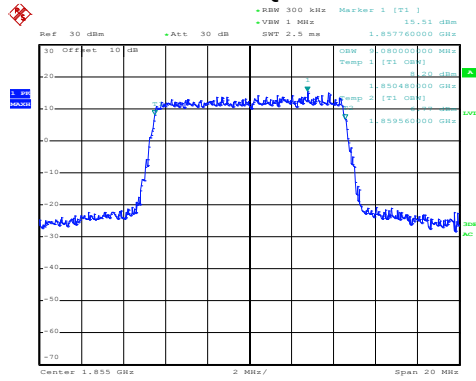


Date: 22.SEP.2019 14:41:11

Highest channel

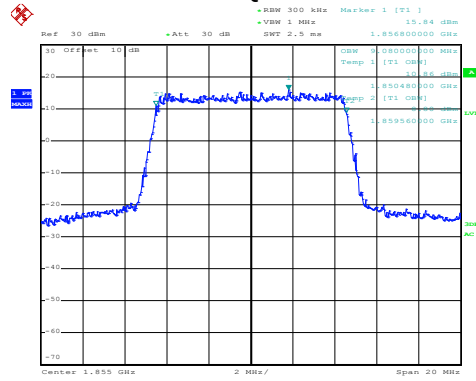
LTE Band 25: 99% Occupy bandwidth BW: 10MHz

16QAM



Date: 22.SEP.2019 14:42:33

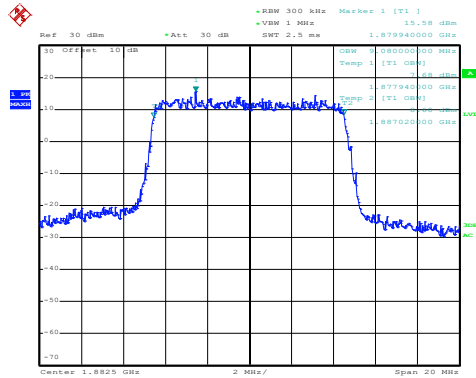
QPSK



Date: 22.SEP.2019 14:42:28

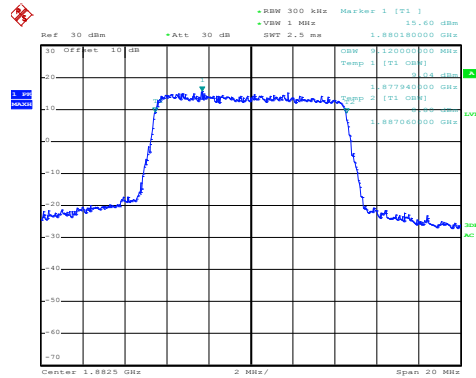
Lowest channel

16QAM



Date: 22.SEP.2019 14:42:53

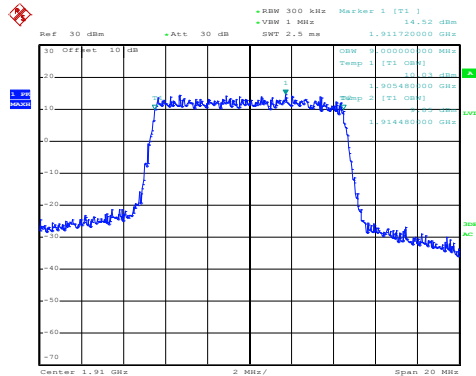
QPSK



Date: 22.SEP.2019 14:42:48

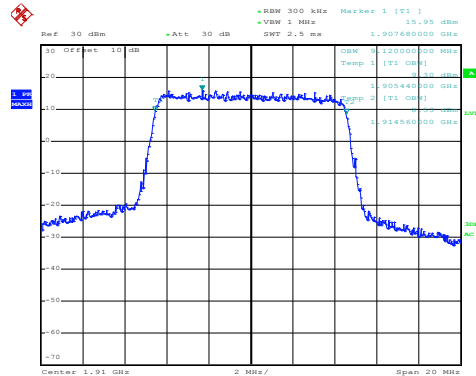
Middle channel

16QAM



Date: 22.SEP.2019 14:43:38

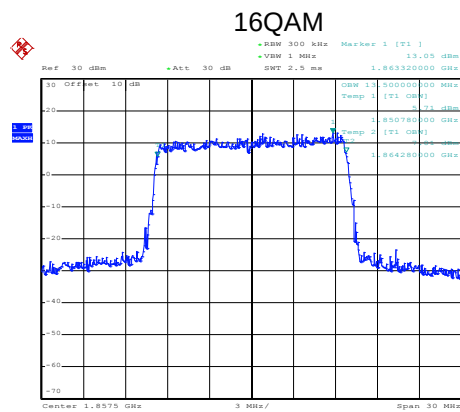
QPSK



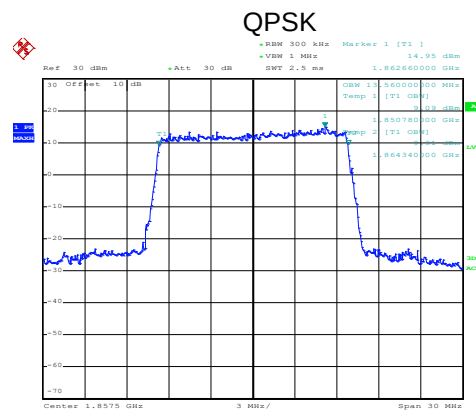
Date: 22.SEP.2019 14:43:33

Highest channel

LTE Band 25: 99% Occupy bandwidth BW: 15MHz

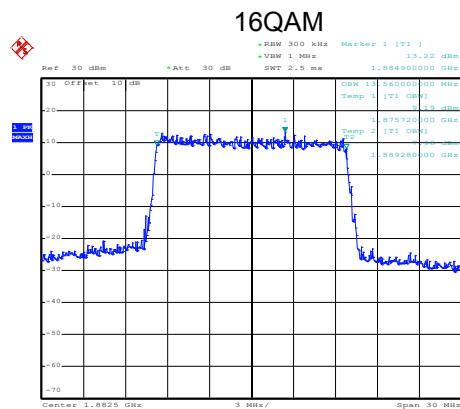


Date: 22.SEP.2019 14:44:16

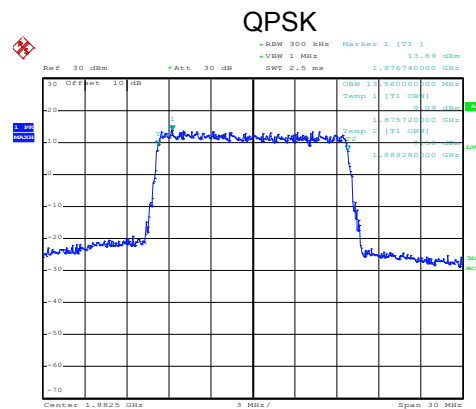


Date: 22.SEP.2019 14:44:11

Lowest channel

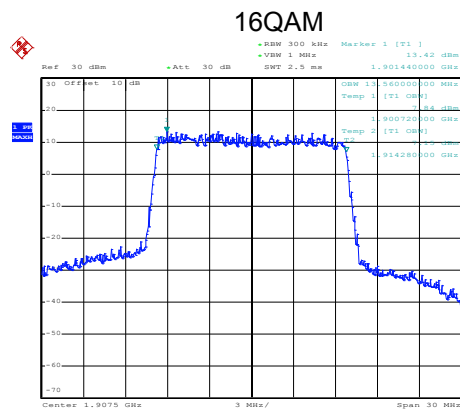


Date: 22.SEP.2019 14:45:03

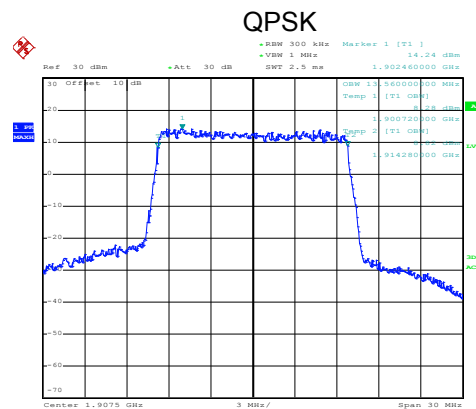


Date: 22.SEP.2019 14:44:58

Middle channel



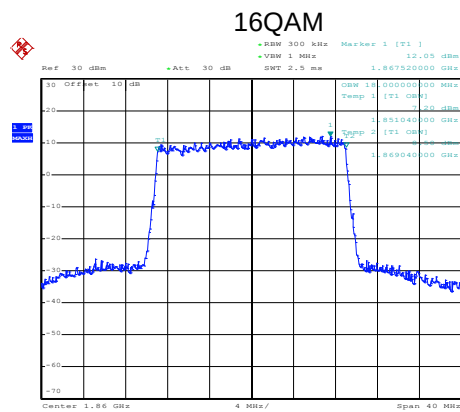
Date: 22.SEP.2019 14:45:22



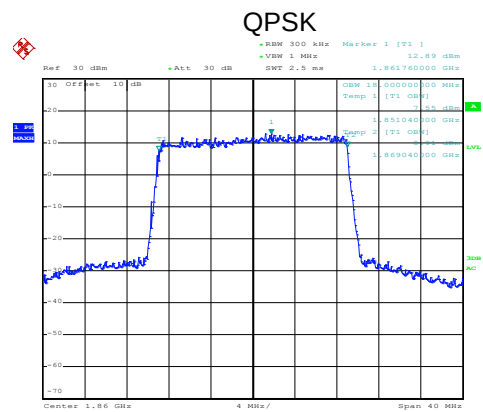
Date: 22.SEP.2019 14:45:17

Highest channel

LTE Band 25: 99% Occupy bandwidth
BW: 20MHz

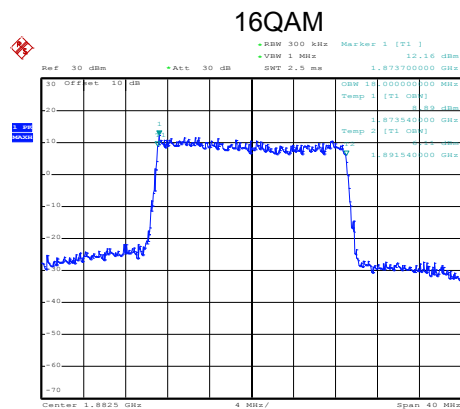


Date: 22.SEP.2019 14:46:39

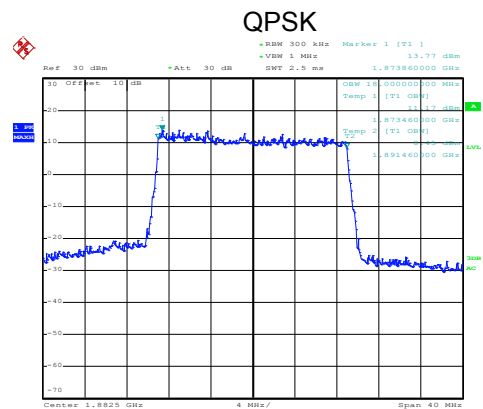


Date: 22.SEP.2019 14:46:31

Lowest channel

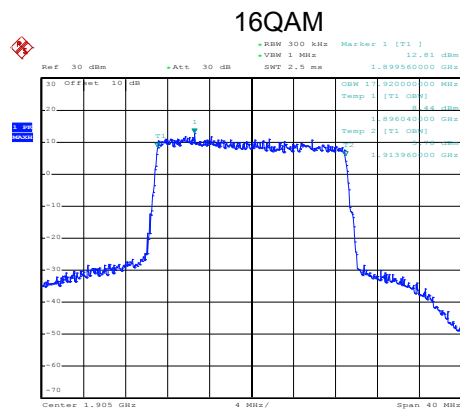


Date: 22.SEP.2019 14:46:58

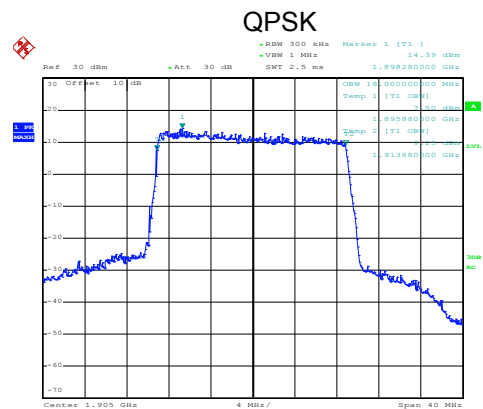


Date: 22.SEP.2019 14:46:51

Middle channel



Date: 22.SEP.2019 14:47:55

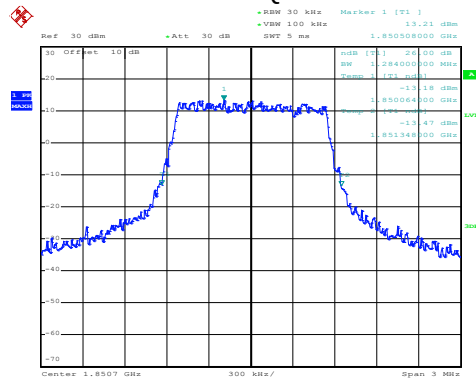


Date: 22.SEP.2019 14:47:48

Highest channel

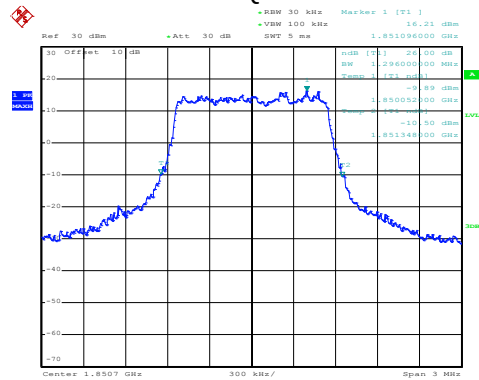
LTE Band 25: -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 10.OCT.2019 09:12:11

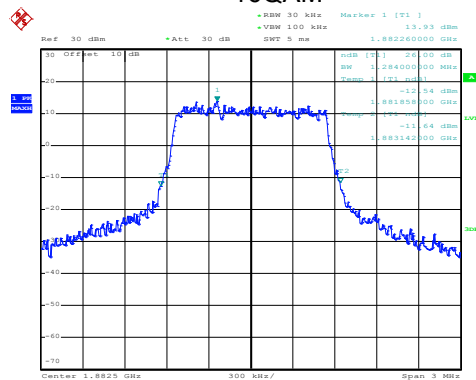
QPSK



Date: 10.OCT.2019 09:12:07

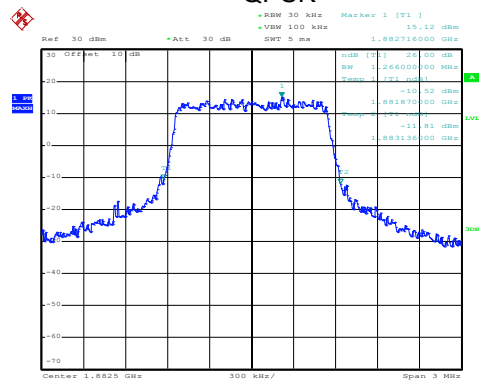
Lowest channel

16QAM



Date: 10.OCT.2019 09:12:27

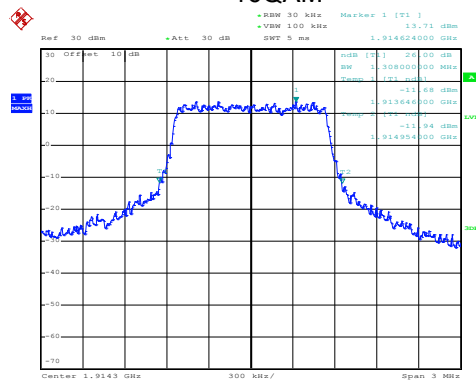
QPSK



Date: 10.OCT.2019 09:12:23

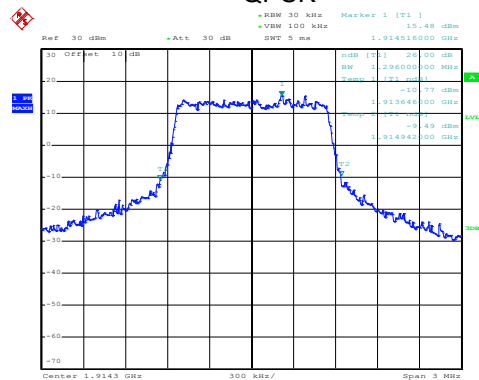
Middle channel

16QAM



Date: 10.OCT.2019 09:13:11

QPSK

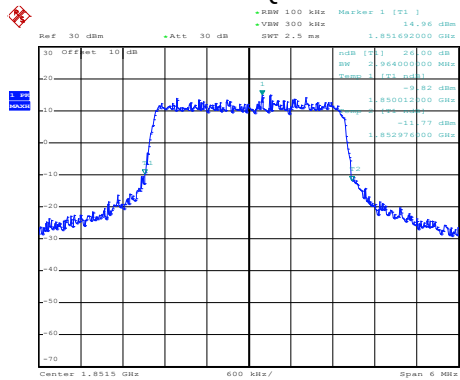


Date: 10.OCT.2019 09:13:05

Highest channel

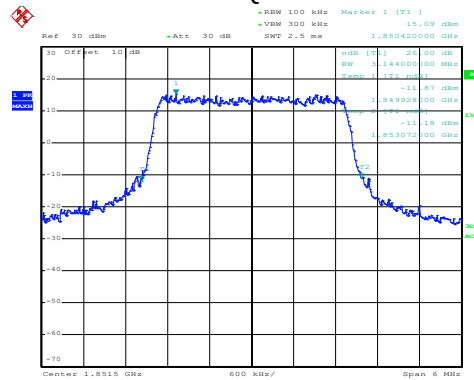
LTE Band 25: -26dBc bandwidth
BW: 3MHz

16QAM



Date: 22.SEP.2019 14:38:00

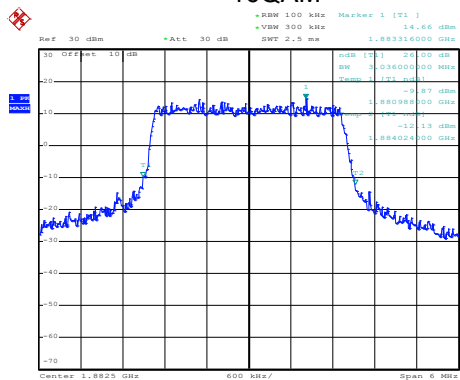
QPSK



Date: 22.SEP.2019 14:37:54

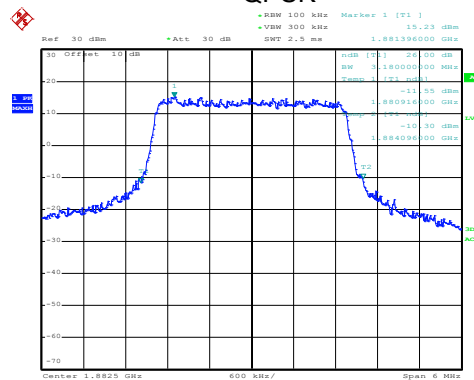
Lowest channel

16QAM



Date: 22.SEP.2019 14:38:39

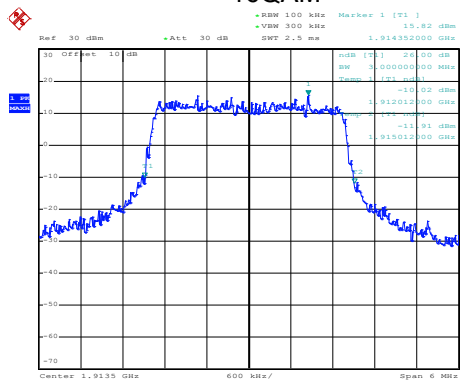
QPSK



Date: 22.SEP.2019 14:38:35

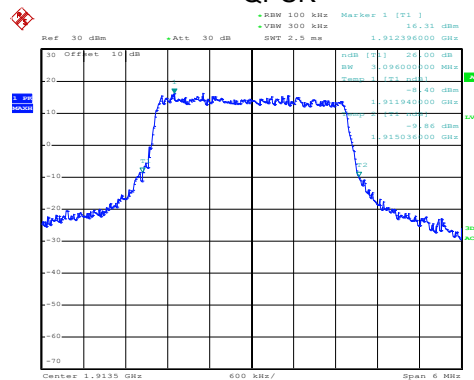
Middle channel

16QAM



Date: 22.SEP.2019 14:38:59

QPSK

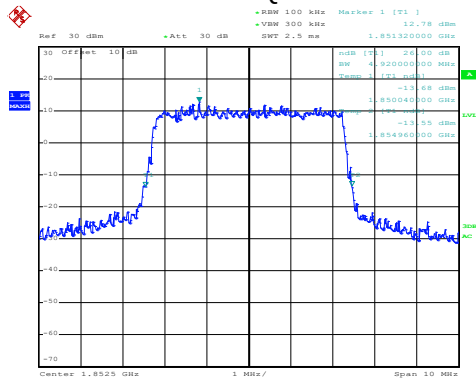


Date: 22.SEP.2019 14:38:54

Highest channel

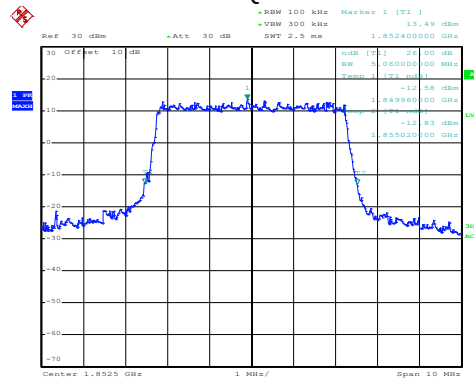
LTE Band 25: -26dBc bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 14:40:08

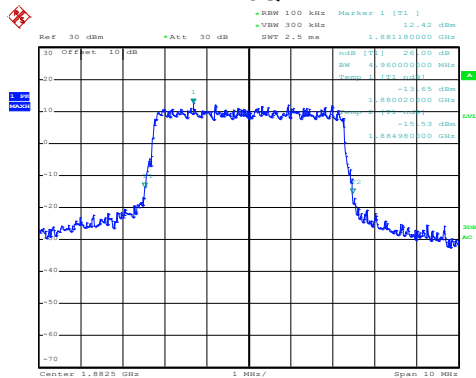
QPSK



Date: 22.SEP.2019 14:40:01

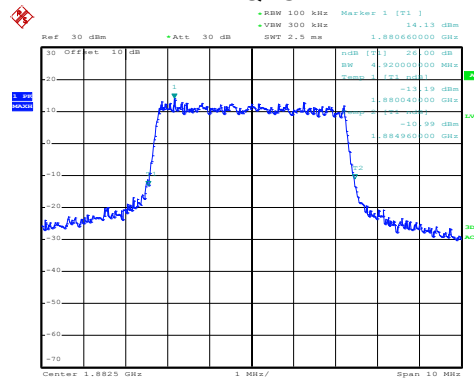
Lowest channel

16QAM



Date: 22.SEP.2019 14:40:32

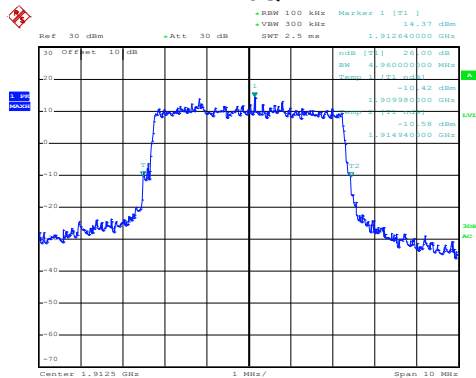
QPSK



Date: 22.SEP.2019 14:40:25

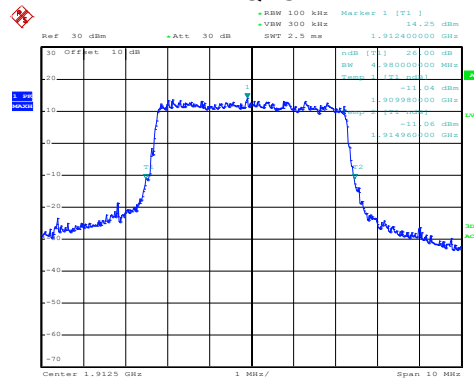
Middle channel

16QAM



Date: 22.SEP.2019 14:41:35

QPSK

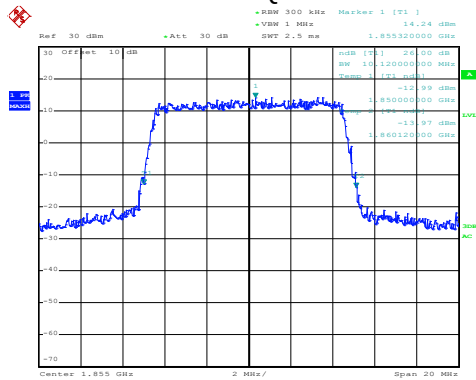


Date: 22.SEP.2019 14:41:29

Highest channel

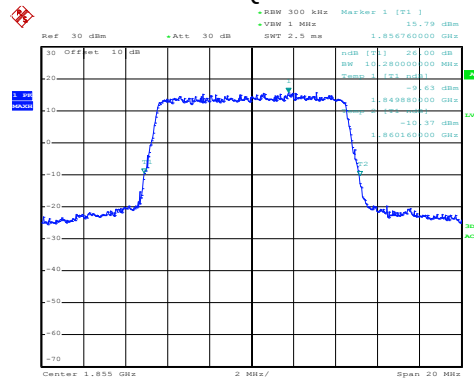
LTE Band 25: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 14:42:19

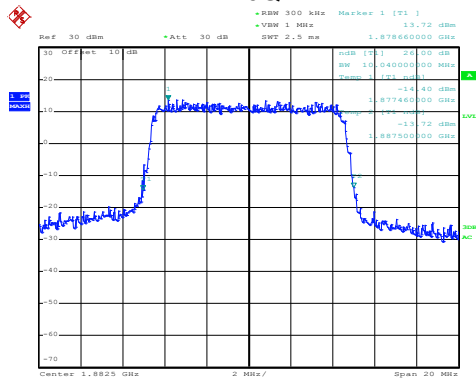
QPSK



Date: 22.SEP.2019 14:42:13

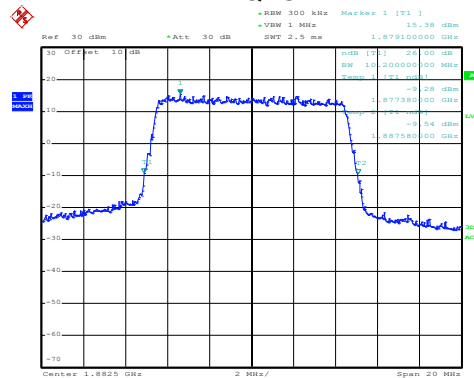
Lowest channel

16QAM



Date: 22.SEP.2019 14:43:06

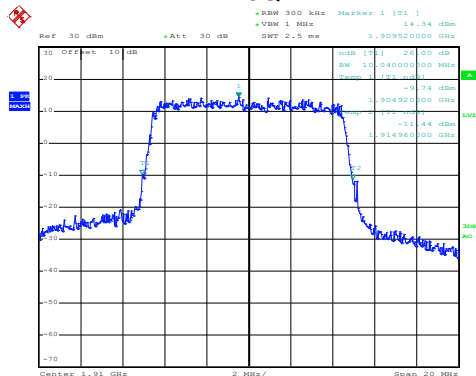
QPSK



Date: 22.SEP.2019 14:43:01

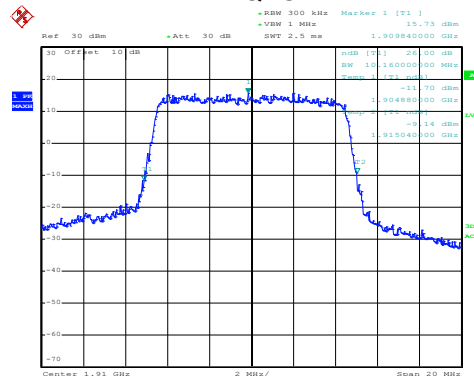
Middle channel

16QAM



Date: 22.SEP.2019 14:43:24

QPSK

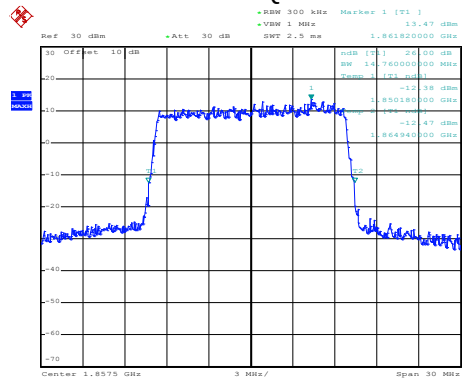


Date: 22.SEP.2019 14:43:19

Highest channel

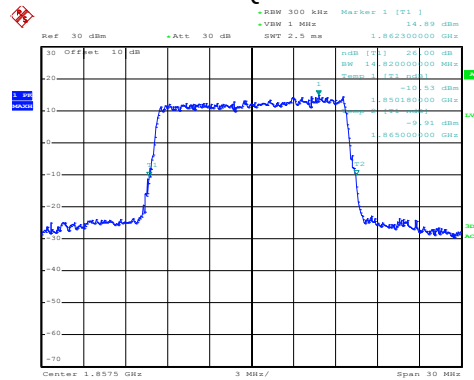
LTE Band 25: -26dBc bandwidth
BW: 15MHz

16QAM



Date: 22.SEP.2019 14:44:31

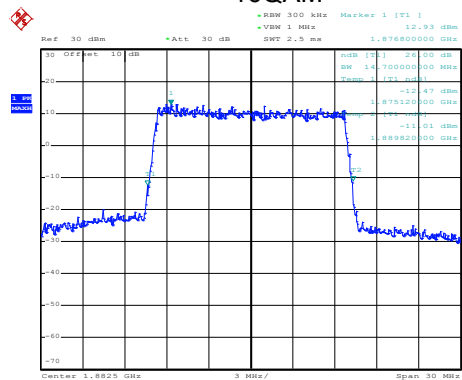
QPSK



Date: 22.SEP.2019 14:44:26

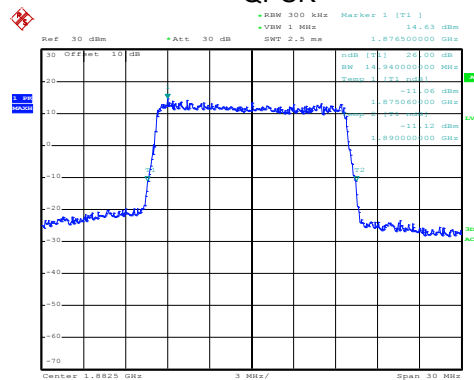
Lowest channel

16QAM



Date: 22.SEP.2019 14:44:50

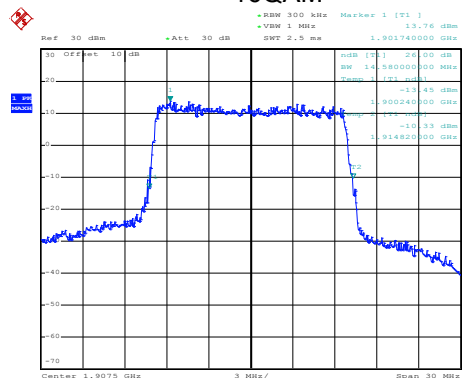
QPSK



Date: 22.SEP.2019 14:44:45

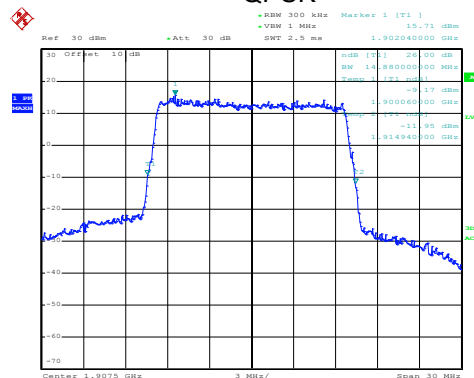
Middle channel

16QAM



Date: 22.SEP.2019 14:45:39

QPSK

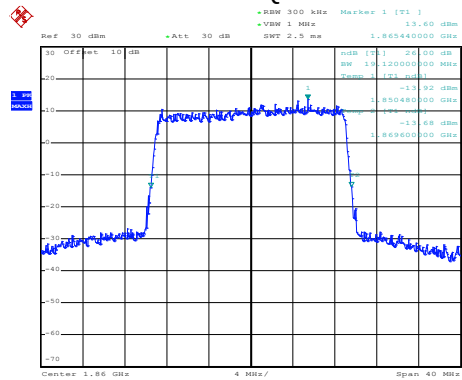


Date: 22.SEP.2019 14:45:33

Highest channel

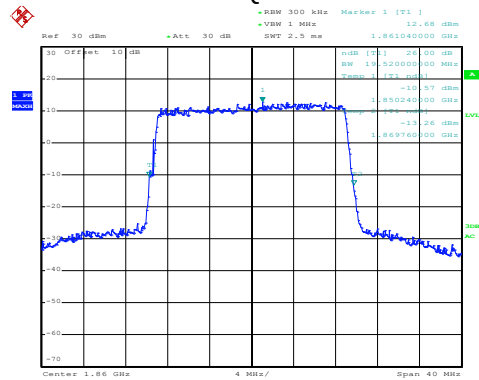
LTE Band 25: -26dBc bandwidth
BW: 20MHz

16QAM



Date: 22.SEP.2019 14:46:19

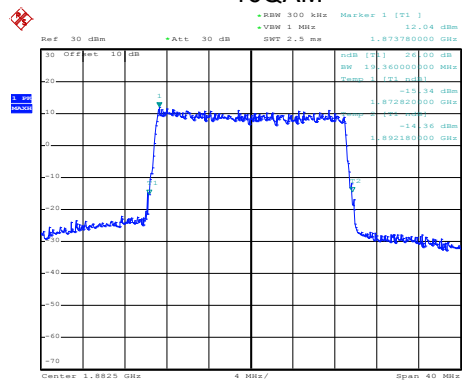
QPSK



Date: 22.SEP.2019 14:46:12

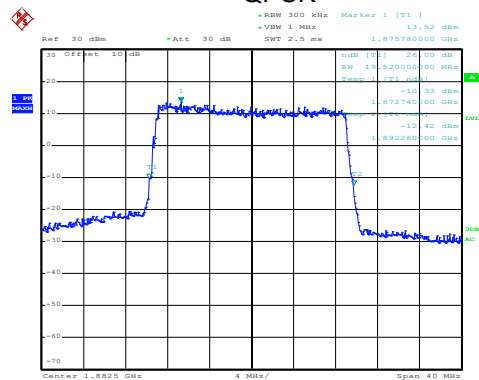
Lowest channel

16QAM



Date: 22.SEP.2019 14:47:16

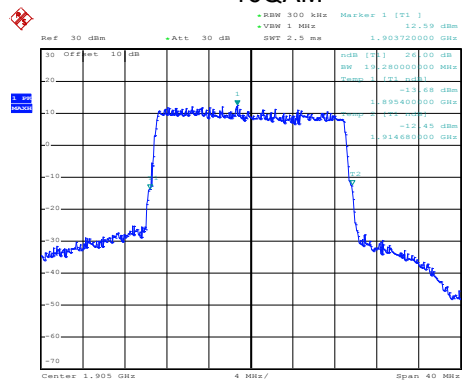
QPSK



Date: 22.SEP.2019 14:47:09

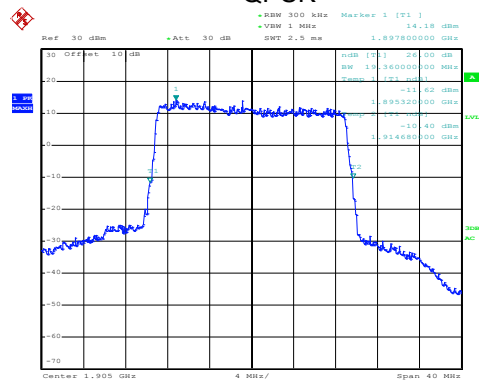
Middle channel

16QAM



Date: 22.SEP.2019 14:47:37

QPSK

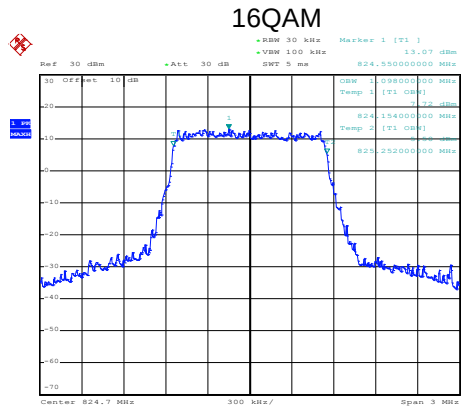


Date: 22.SEP.2019 14:47:30

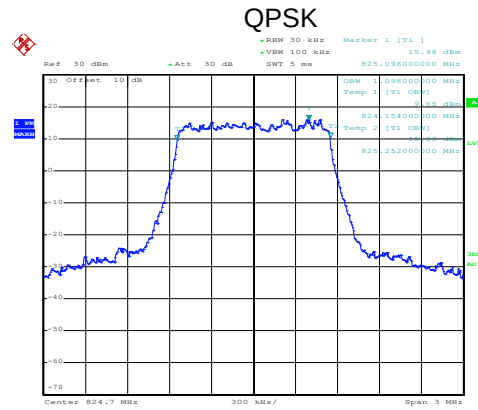
Highest channel

LTE Band 5&26(part 22H):

LTE Band 26(part 22H): 99% Occupy bandwidth
BW: 1.4MHz

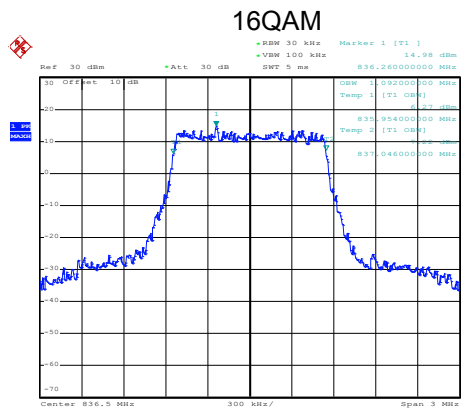


Date: 22.SEP.2019 14:49:17

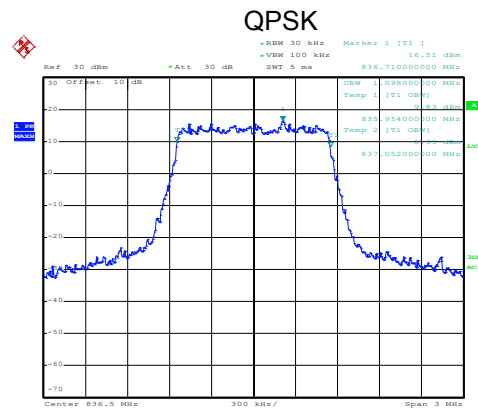


Date: 22.SEP.2019 14:49:10

Lowest channel

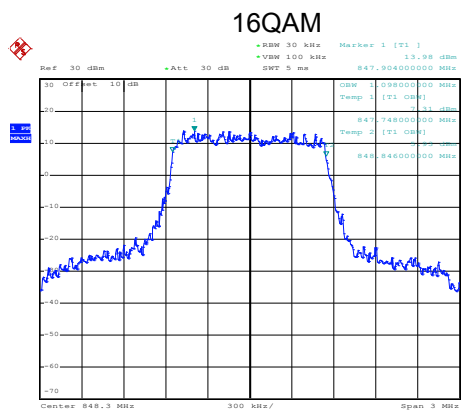


Date: 22.SEP.2019 14:50:09

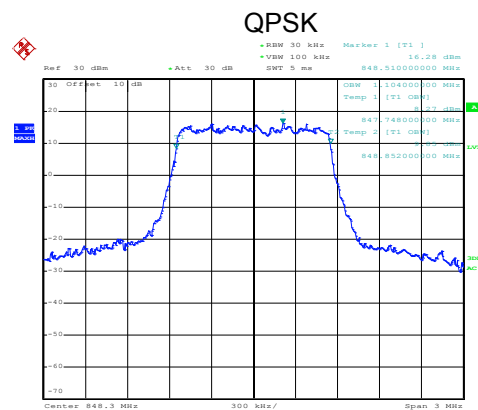


Date: 22.SEP.2019 14:50:04

Middle channel



Date: 22.SEP.2019 14:50:40

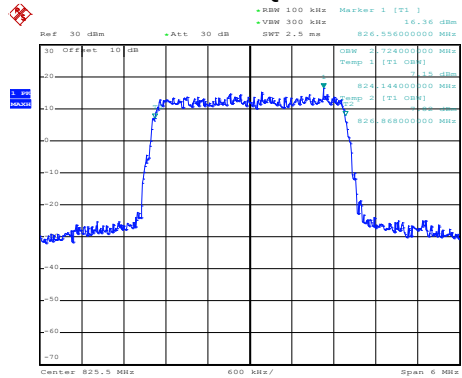


Date: 22.SEP.2019 14:50:35

Highest channel

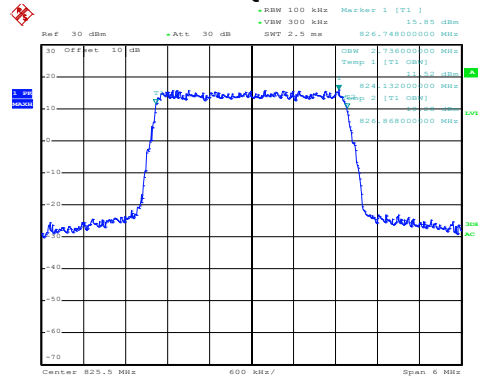
LTE Band 26(part 22H): 99% Occupy bandwidth BW: 3MHz

16QAM



Date: 22.SEP.2019 14:51:46

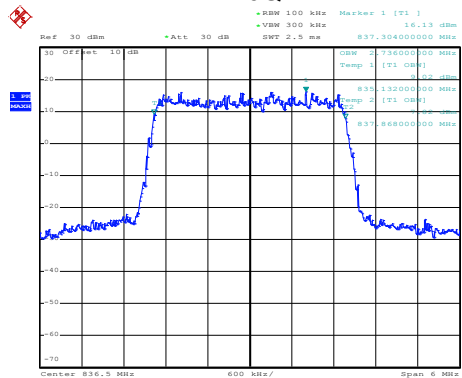
QPSK



Date: 22.SEP.2019 14:51:42

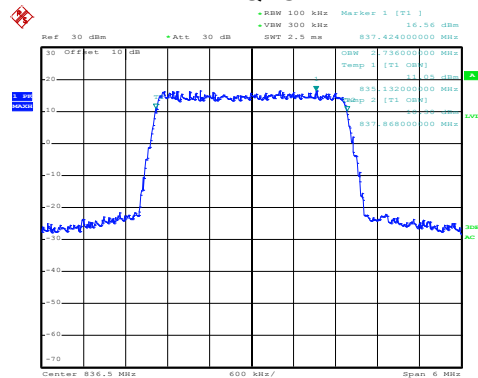
Lowest channel

16QAM



Date: 22.SEP.2019 14:52:03

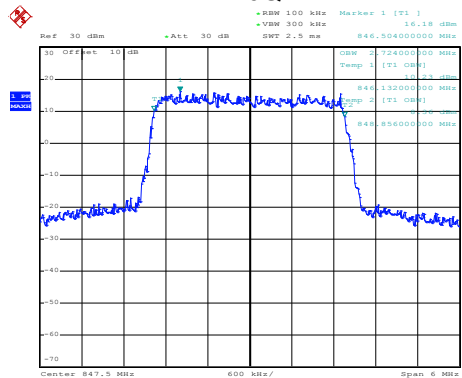
QPSK



Date: 22.SEP.2019 14:51:57

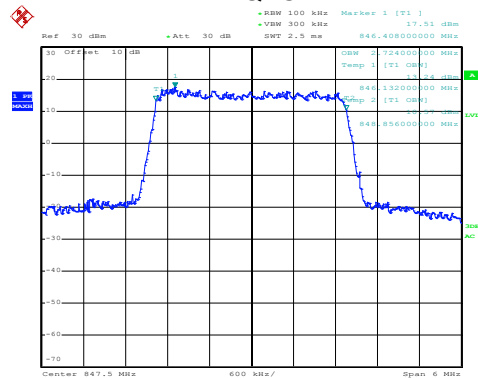
Middle channel

16QAM



Date: 22.SEP.2019 14:52:57

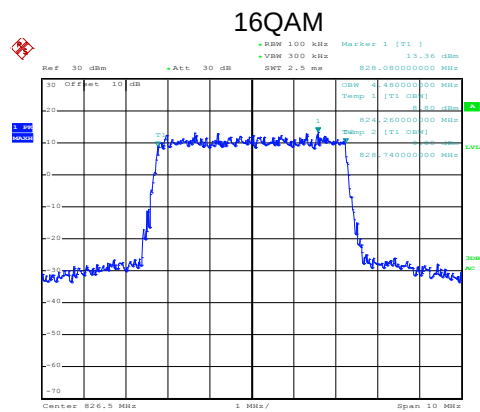
QPSK



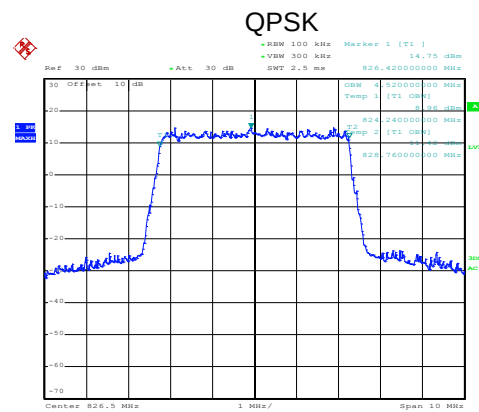
Date: 22.SEP.2019 14:52:50

Highest channel

LTE Band 26(part 22H): 99% Occupy bandwidth
BW: 5MHz

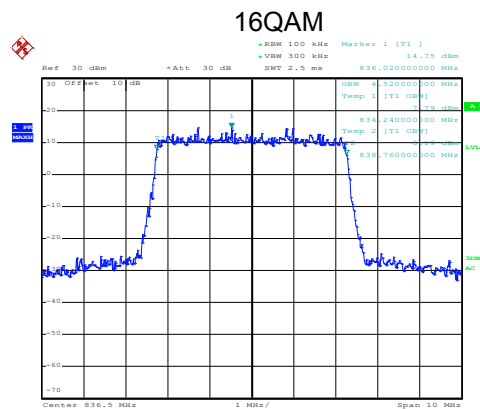


Date: 22.SEP.2019 14:53:34

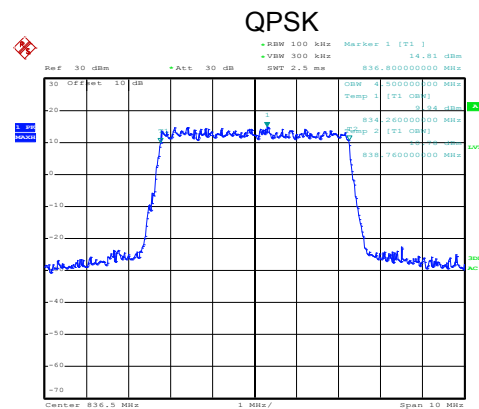


Date: 22.SEP.2019 14:53:27

Lowest channel

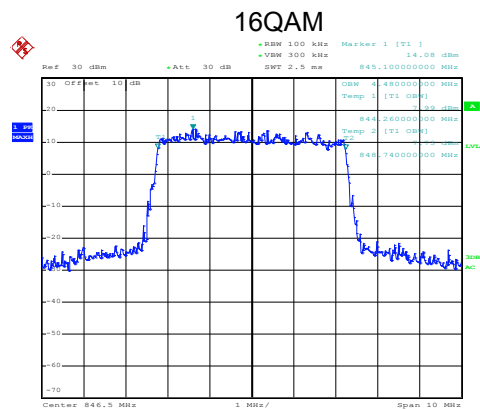


Date: 22.SEP.2019 14:54:29

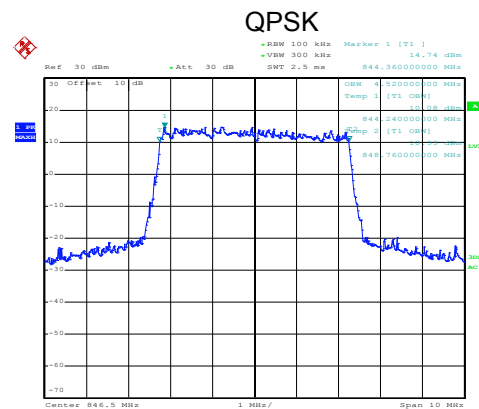


Date: 22.SEP.2019 14:54:22

Middle channel



Date: 22.SEP.2019 14:54:51

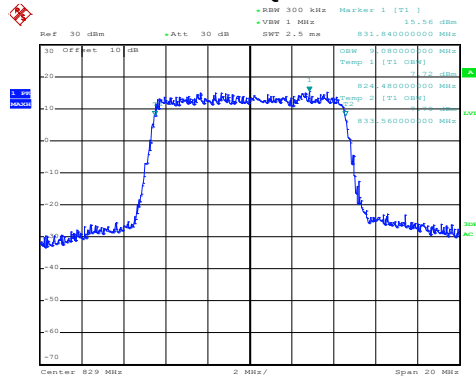


Date: 22.SEP.2019 14:54:45

Highest channel

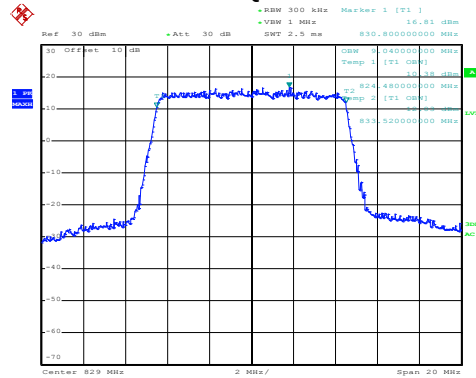
LTE Band 26(part 22H): 99% Occupy bandwidth BW: 10MHz

16QAM



Date: 22.SEP.2019 14:56:11

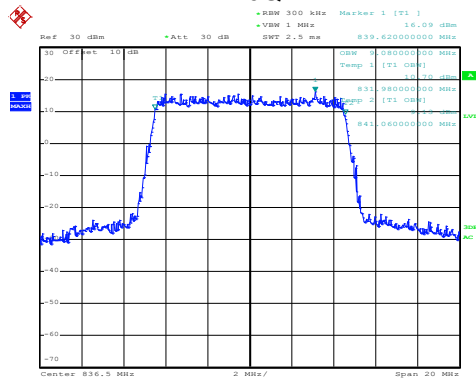
QPSK



Date: 22.SEP.2019 14:56:05

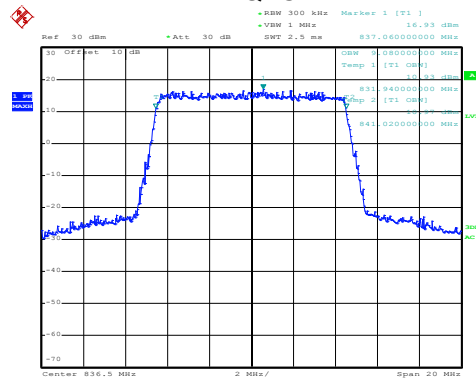
Lowest channel

16QAM



Date: 22.SEP.2019 14:56:30

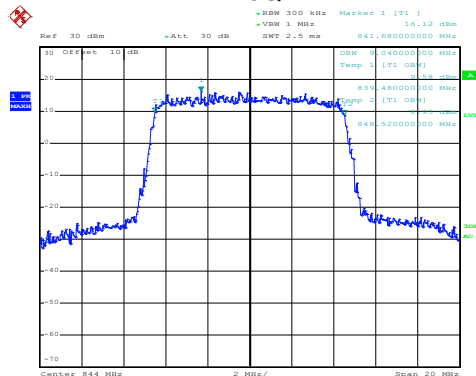
QPSK



Date: 22.SEP.2019 14:56:25

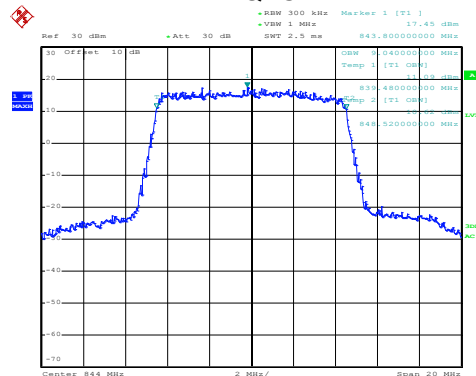
Middle channel

16QAM



Date: 22.SEP.2019 14:57:14

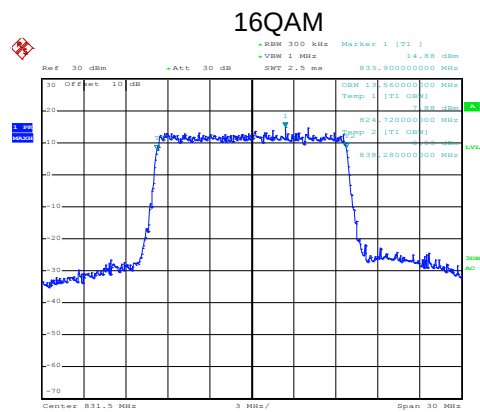
QPSK



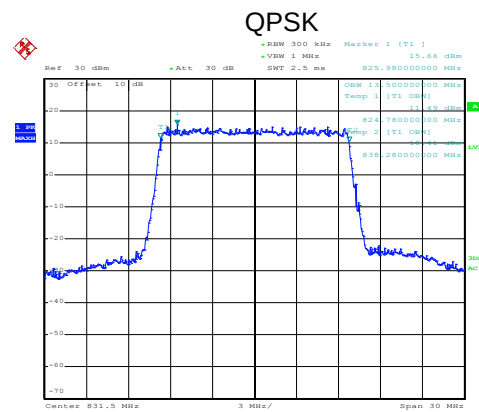
Date: 22.SEP.2019 14:57:09

Highest channel

LTE Band 26(part 22H): 99% Occupy bandwidth
BW: 15MHz

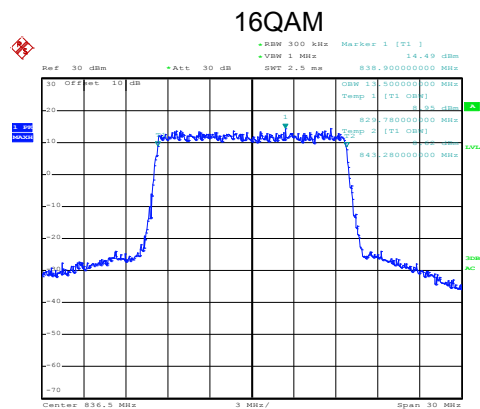


Date: 22.SEP.2019 14:57:50

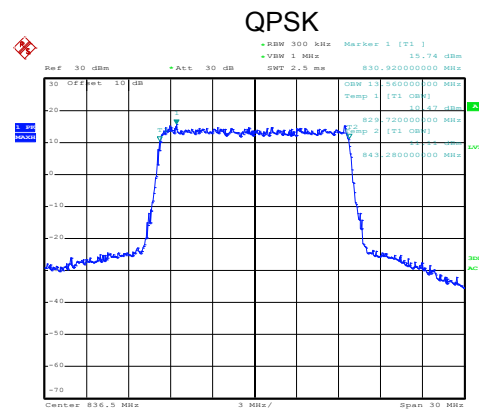


Date: 22.SEP.2019 14:57:44

Lowest channel

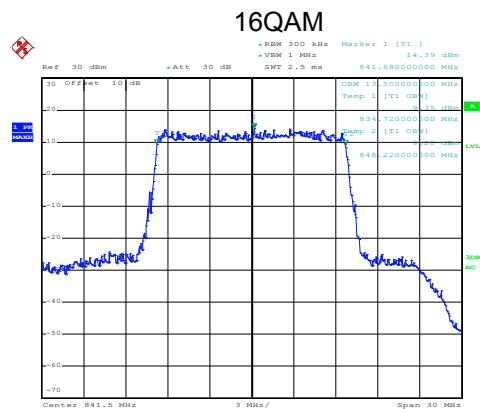


Date: 22.SEP.2019 14:58:42

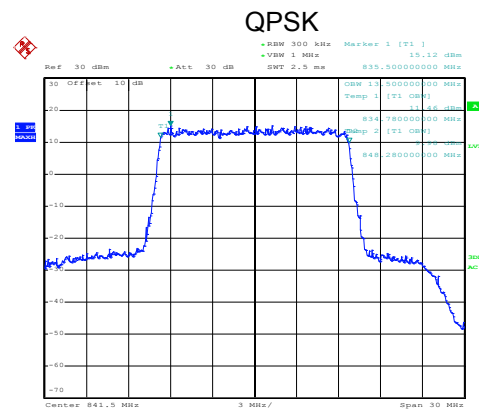


Date: 22.SEP.2019 14:58:35

Middle channel



Date: 22.SEP.2019 14:59:04

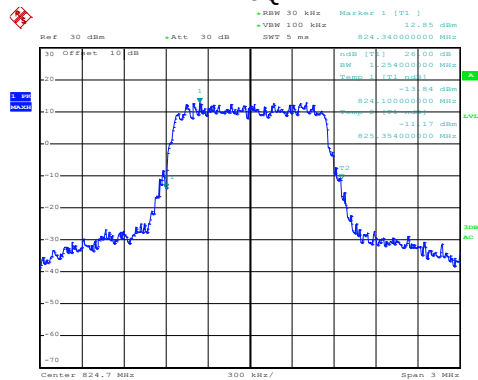


Date: 22.SEP.2019 14:58:57

Highest channel

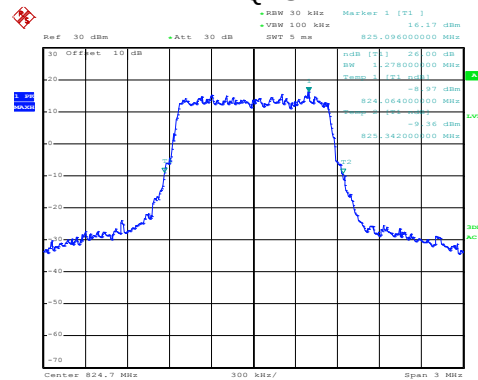
LTE Band 26(part 22H): -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 22.SEP.2019 14:49:31

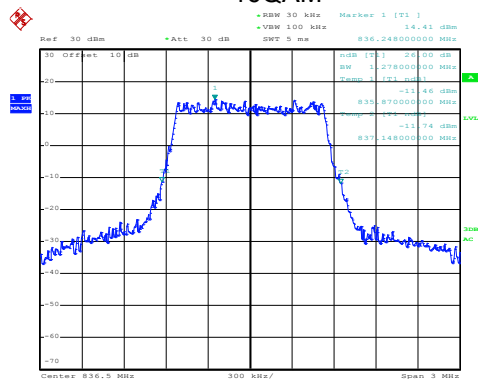
QPSK



Date: 22.SEP.2019 14:49:27

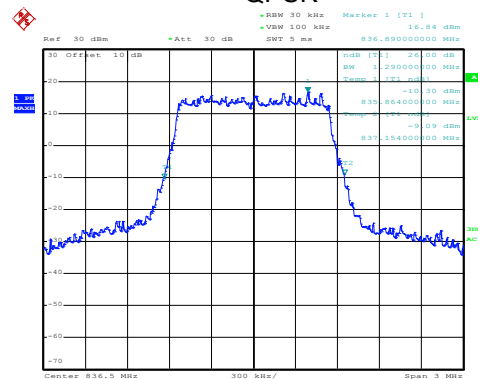
Lowest channel

16QAM



Date: 22.SEP.2019 14:49:55

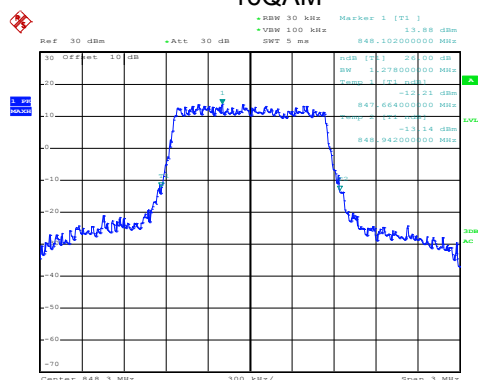
QPSK



Date: 22.SEP.2019 14:49:50

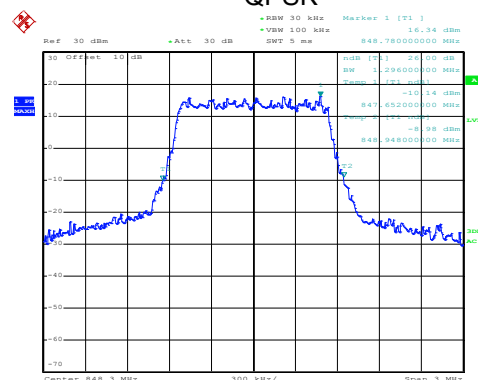
Middle channel

16QAM



Date: 22.SEP.2019 14:50:53

QPSK

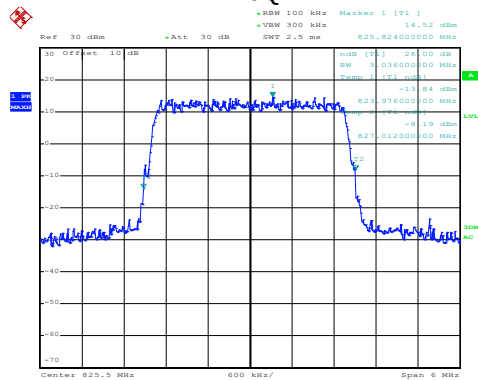


Date: 22.SEP.2019 14:50:48

Highest channel

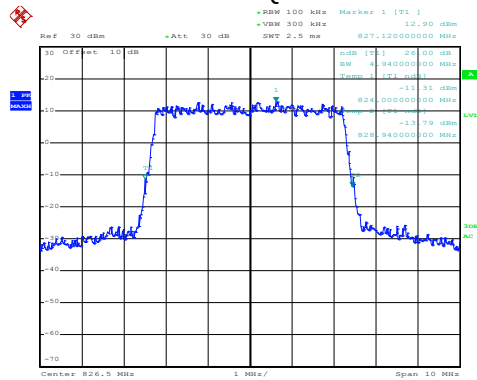
LTE Band 26(part 22H): -26dBc bandwidth
BW: 3MHz

16QAM



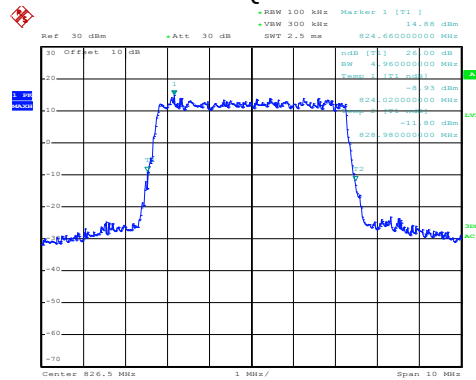
LTE Band 5&26(part 22H): -26dBc bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 14:53:52

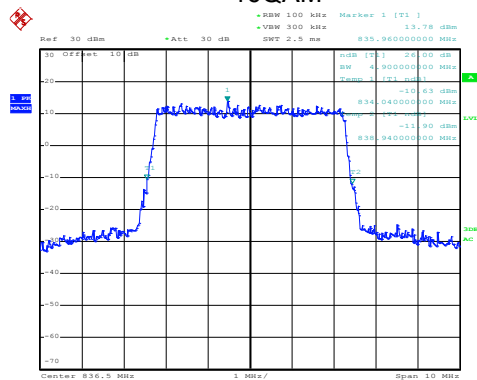
QPSK



Date: 22.SEP.2019 14:53:45

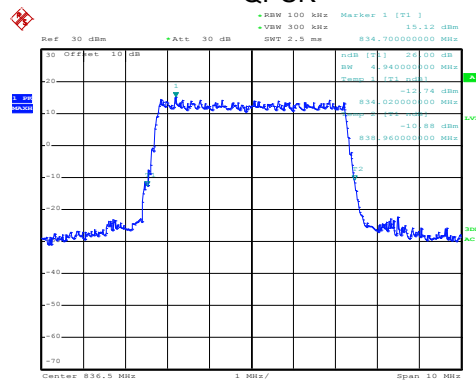
Lowest channel

16QAM



Date: 22.SEP.2019 14:54:11

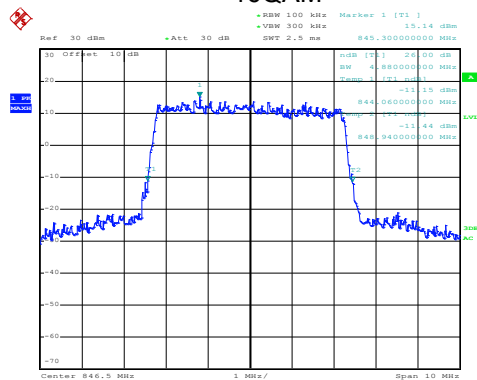
QPSK



Date: 22.SEP.2019 14:54:04

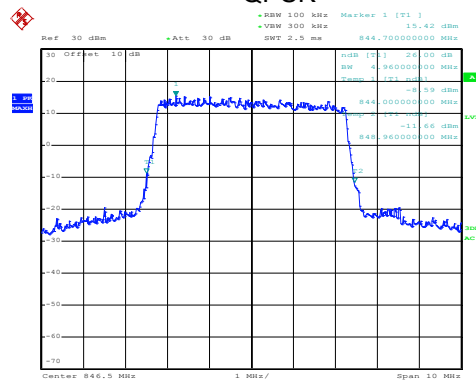
Middle channel

16QAM



Date: 22.SEP.2019 14:55:10

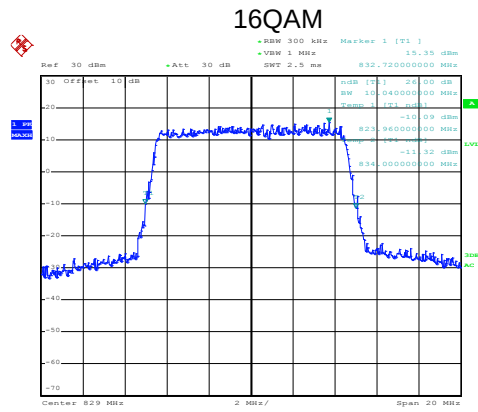
QPSK



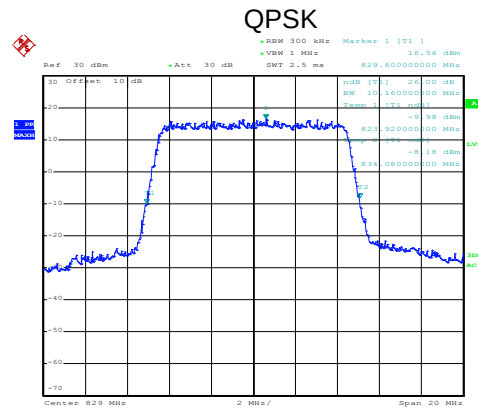
Date: 22.SEP.2019 14:55:03

Highest channel

LTE Band 5&26(part 22H): -26dBc bandwidth
BW: 10MHz

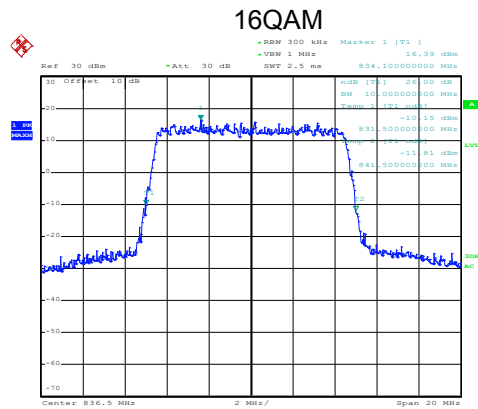


Date: 22.SEP.2019 14:55:55

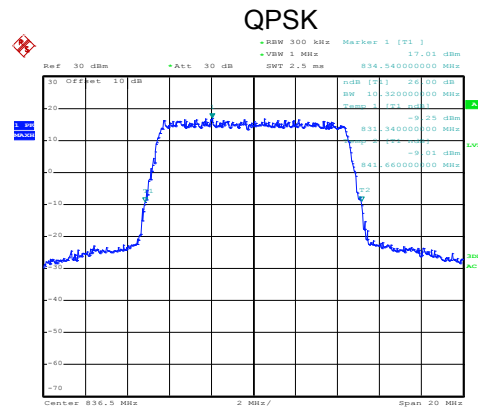


Date: 22.SEP.2019 14:55:50

Lowest channel

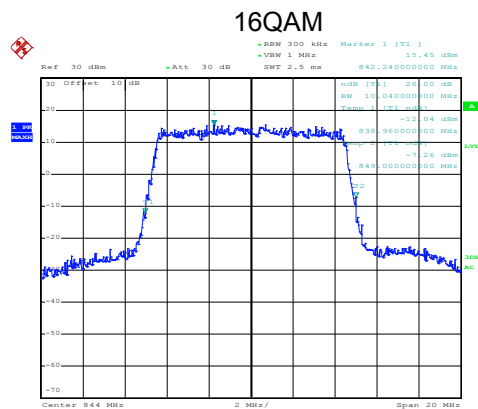


Date: 22.SEP.2019 14:56:44

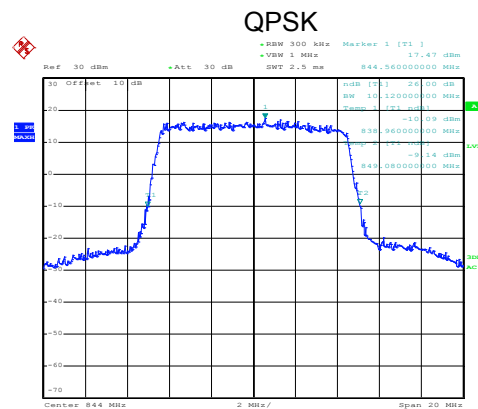


Date: 22.SEP.2019 14:56:39

Middle channel



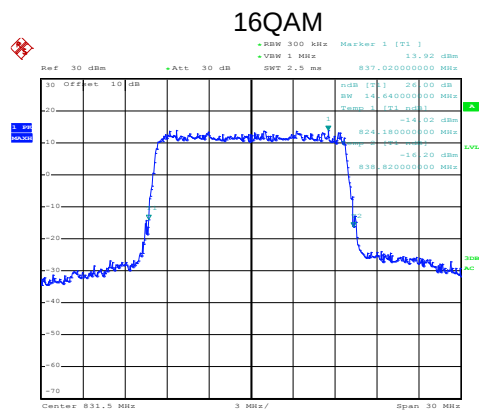
Date: 22.SEP.2019 14:57:01



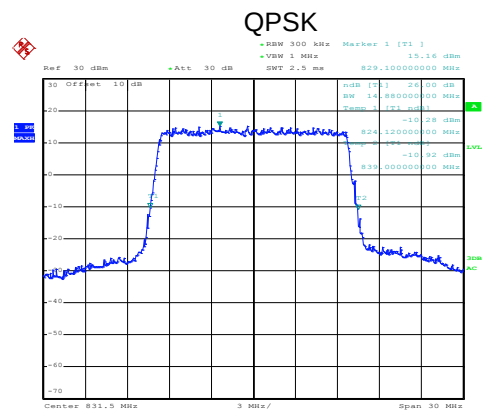
Date: 22.SEP.2019 14:56:56

Highest channel

LTE Band 5&26(part 22H): -26dBc bandwidth
BW: 15MHz

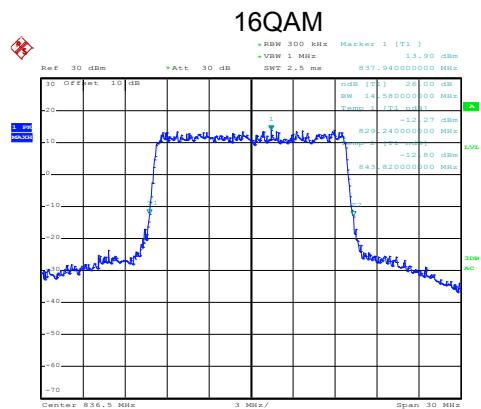


Date: 22.SEP.2019 14:58:05

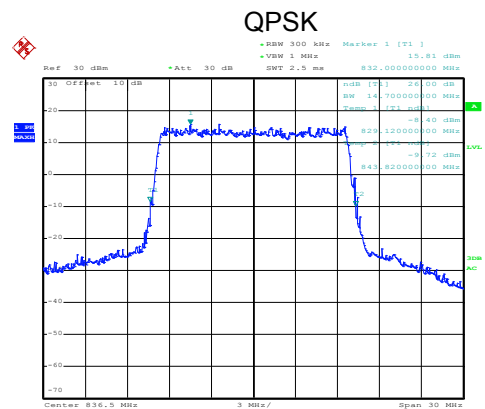


Date: 22.SEP.2019 14:58:00

Lowest channel

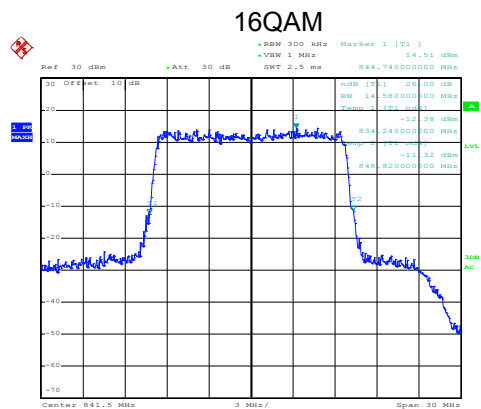


Date: 22.SEP.2019 14:58:24

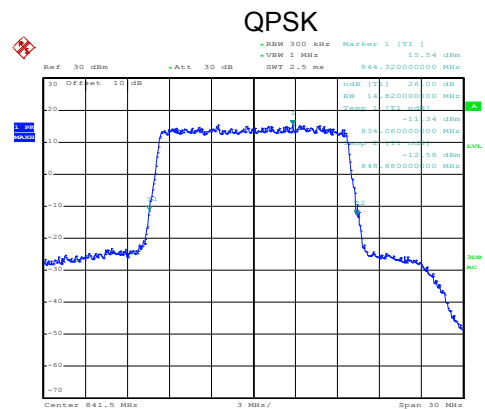


Date: 22.SEP.2019 14:58:18

Middle channel



Date: 22.SEP.2019 14:59:22

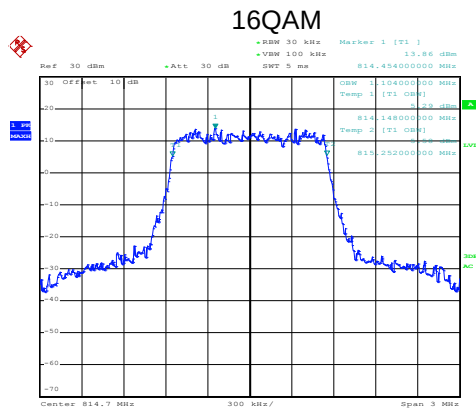


Date: 22.SEP.2019 14:59:15

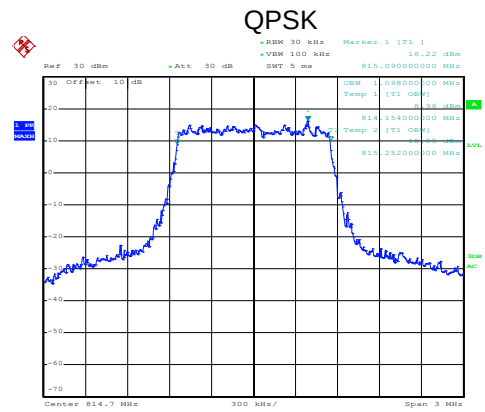
Highest channel

LTE Band 26(part 90S):

LTE Band 26(part 90S): 99% Occupy bandwidth
BW: 1.4MHz

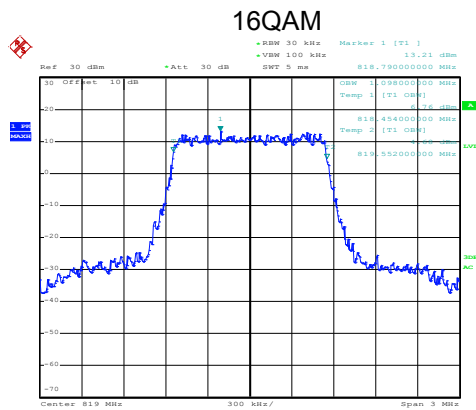


Date: 22.SEP.2019 15:06:43

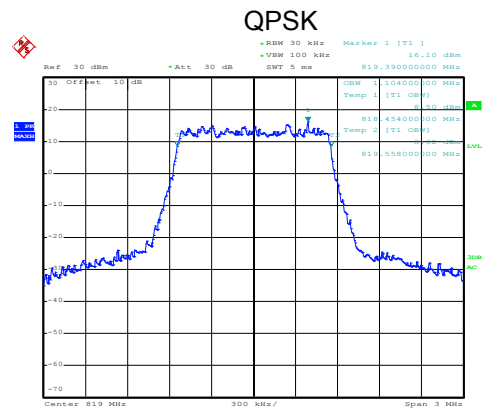


Date: 22.SEP.2019 15:06:35

Lowest channel

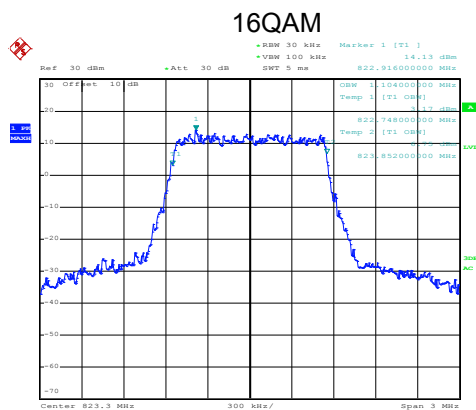


Date: 22.SEP.2019 15:07:45

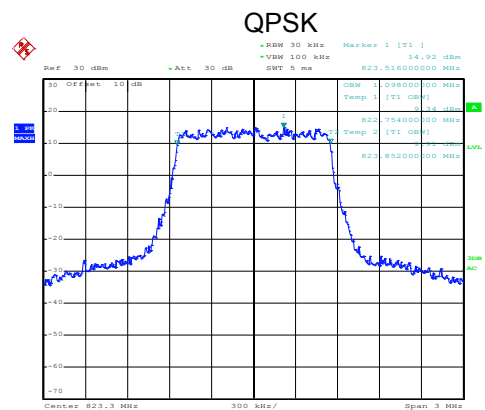


Date: 22.SEP.2019 15:07:37

Middle channel



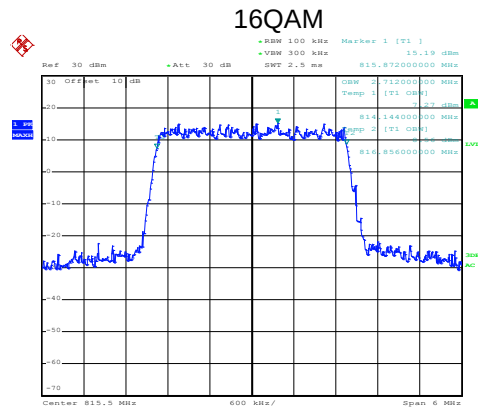
Date: 22.SEP.2019 15:08:05



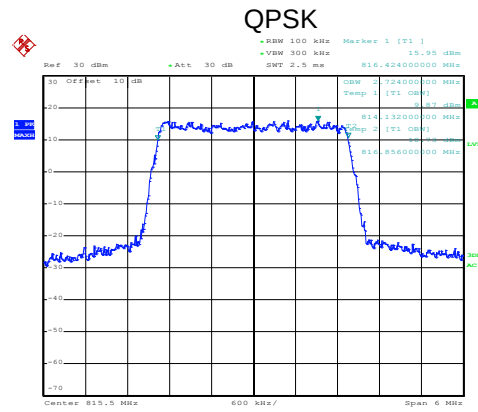
Date: 22.SEP.2019 15:07:58

Highest channel

LTE Band 26(part 90S): 99% Occupy bandwidth
BW: 3MHz

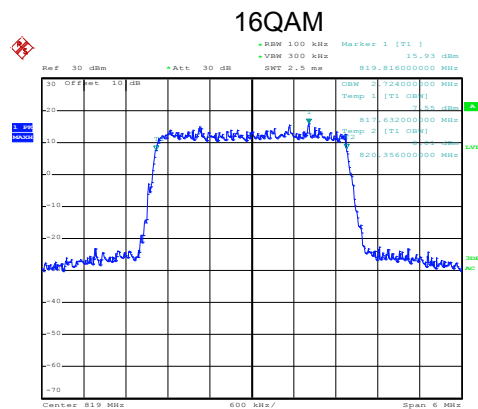


Date: 22.SEP.2019 15:04:51

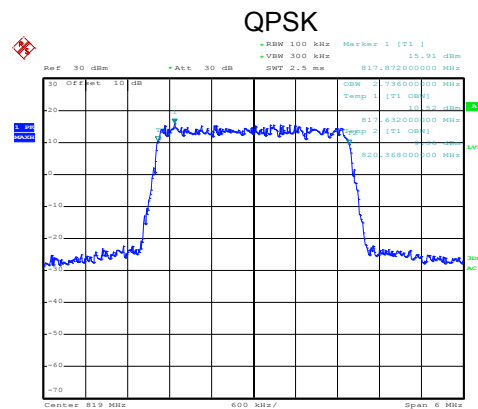


Date: 22.SEP.2019 15:04:46

Lowest channel

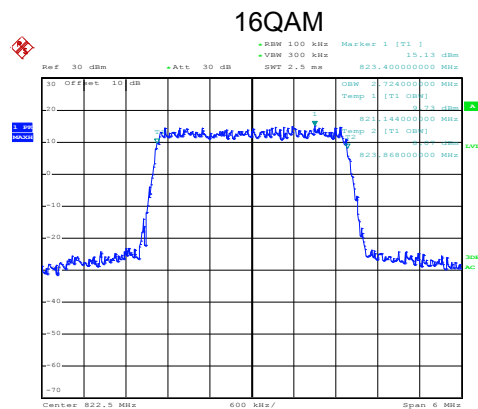


Date: 22.SEP.2019 15:05:10

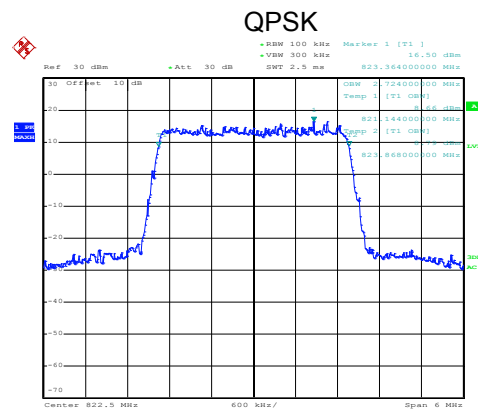


Date: 22.SEP.2019 15:05:05

Middle channel



Date: 22.SEP.2019 15:06:04

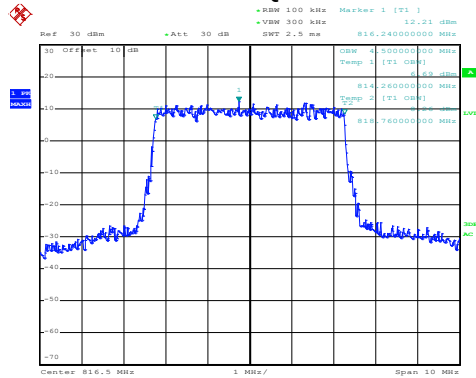


Date: 22.SEP.2019 15:05:57

Highest channel

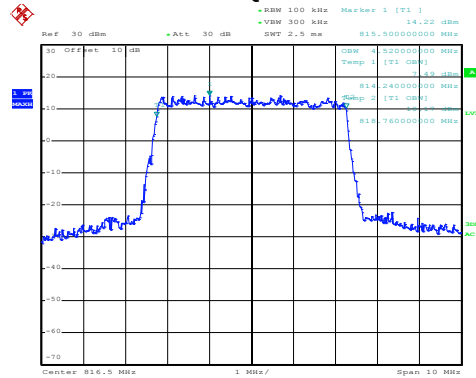
LTE Band 26(part 90S): 99% Occupy bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 15:02:44

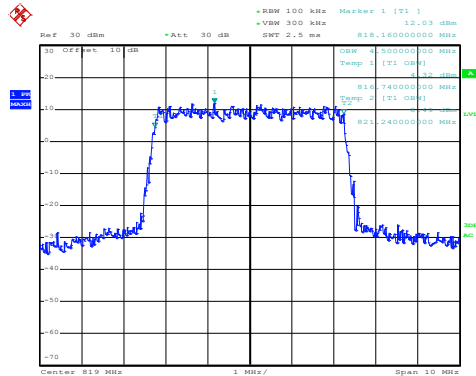
QPSK



Date: 22.SEP.2019 15:02:39

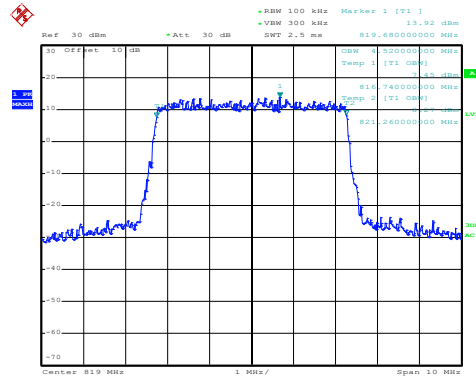
Lowest channel

16QAM



Date: 22.SEP.2019 15:02:59

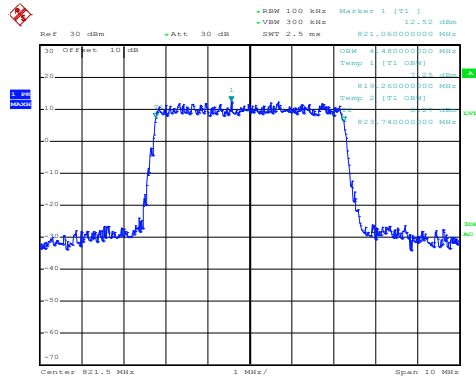
QPSK



Date: 22.SEP.2019 15:02:54

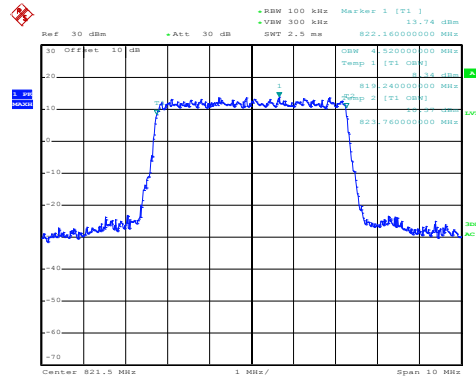
Middle channel

16QAM



Date: 22.SEP.2019 15:03:47

QPSK

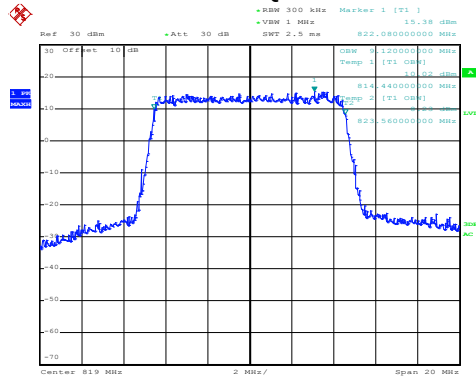


Date: 22.SEP.2019 15:03:42

Highest channel

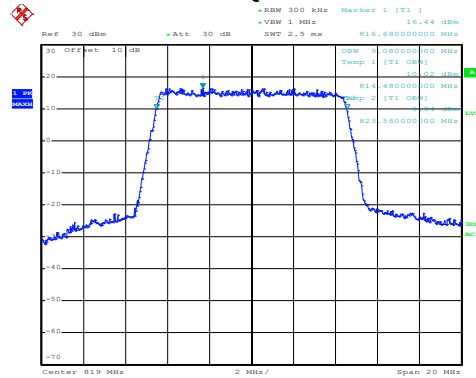
LTE Band 26(part 90S): 99% Occupy bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 15:01:28

QPSK

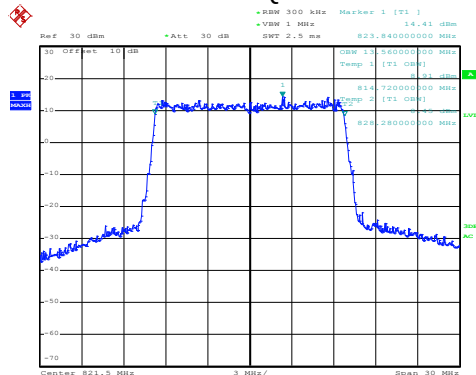


Date: 22.SEP.2019 15:01:20

Middle channel

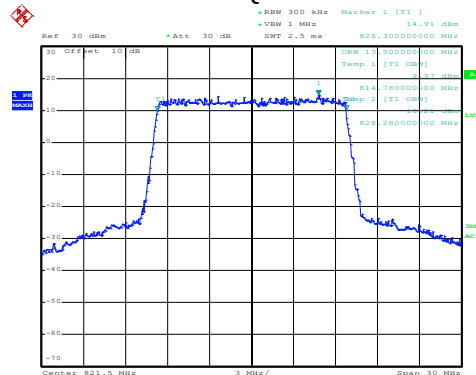
LTE Band 26(part 90S): 99% Occupy bandwidth
BW: 15MHz

16QAM



Date: 22.SEP.2019 15:00:23

QPSK

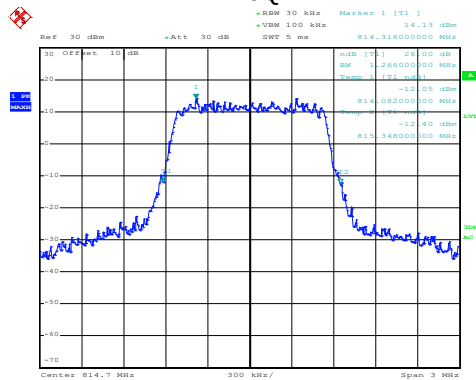


Date: 22.SEP.2019 15:00:15

Middle channel

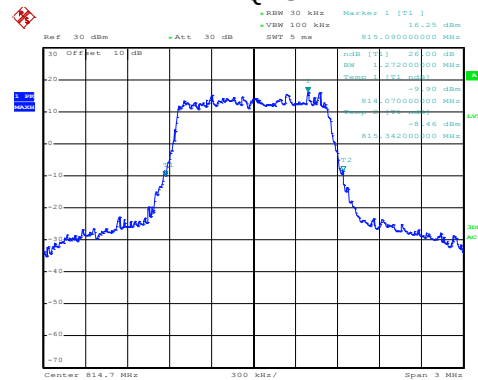
LTE Band 26(part 90S): -26dBc bandwidth
BW: 1.4MHz

16QAM



Date: 22.SEP.2019 15:07:01

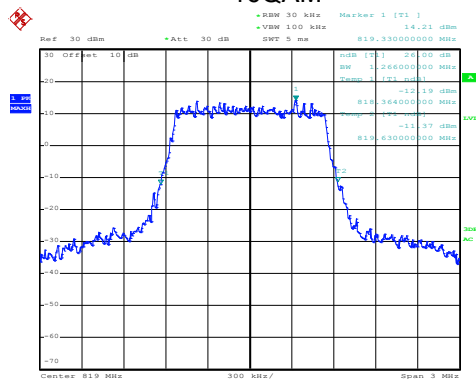
QPSK



Date: 22.SEP.2019 15:06:54

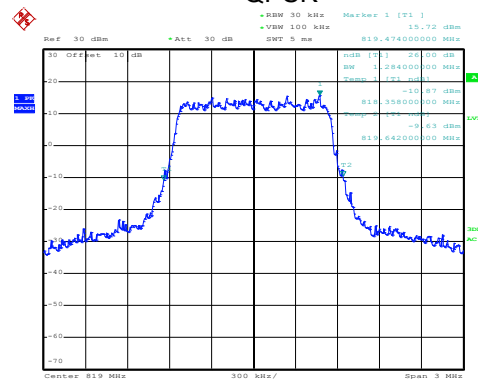
Lowest channel

16QAM



Date: 22.SEP.2019 15:07:22

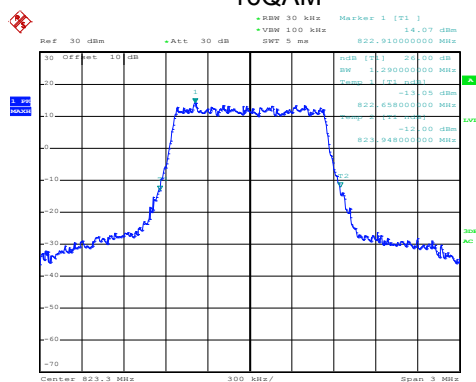
QPSK



Date: 22.SEP.2019 15:07:16

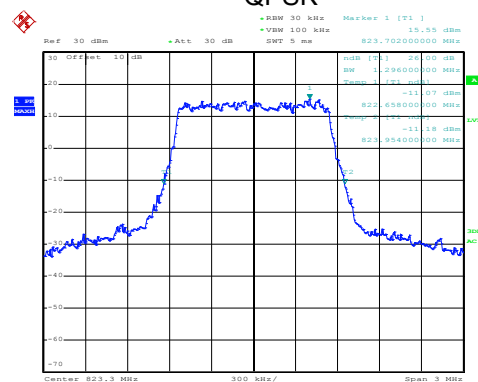
Middle channel

16QAM



Date: 22.SEP.2019 15:08:27

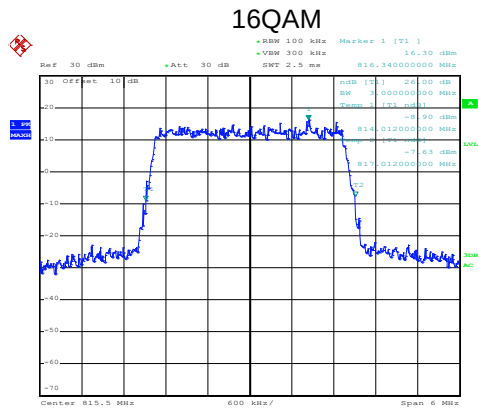
QPSK



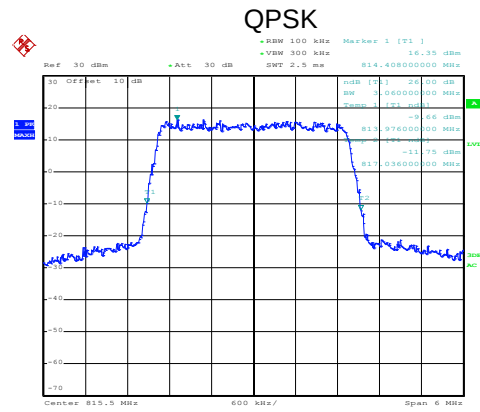
Date: 22.SEP.2019 15:08:18

Highest channel

LTE Band 26(part 90S): -26dBc bandwidth
BW: 3MHz

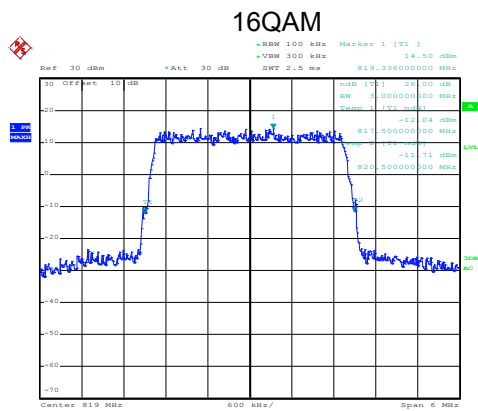


Date: 22.SEP.2019 15:04:36

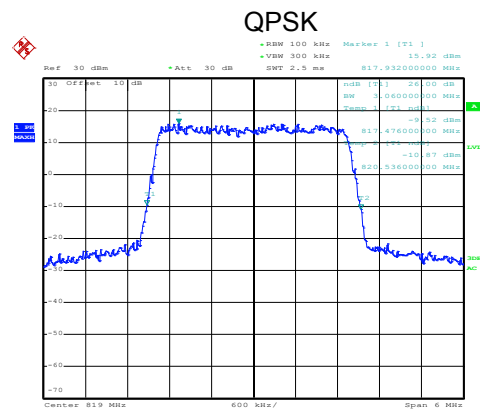


Date: 22.SEP.2019 15:04:29

Lowest channel

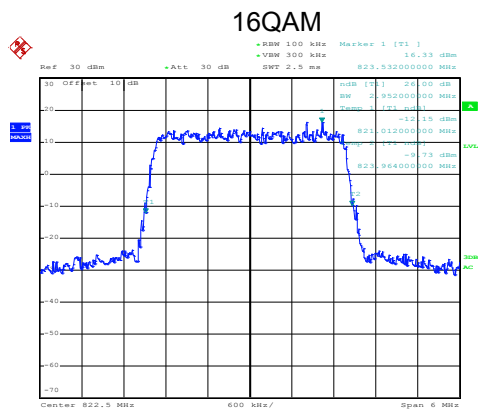


Date: 22.SEP.2019 15:05:26

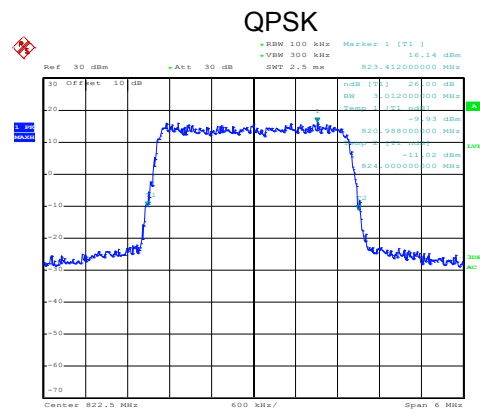


Date: 22.SEP.2019 15:05:21

Middle channel



Date: 22.SEP.2019 15:05:48

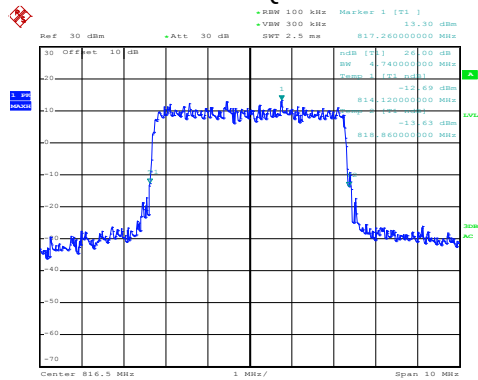


Date: 22.SEP.2019 15:05:43

Highest channel

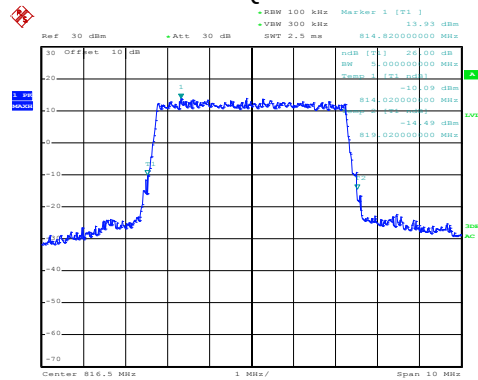
LTE Band 26(part 90S): -26dBc bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 15:02:26

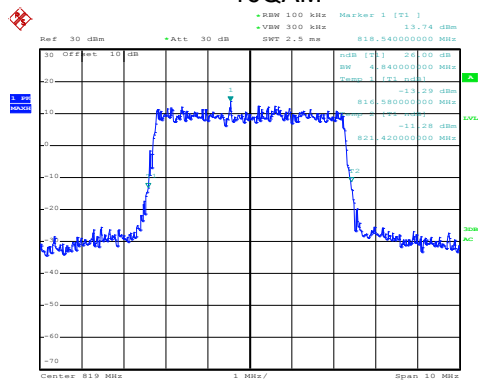
QPSK



Date: 22.SEP.2019 15:02:20

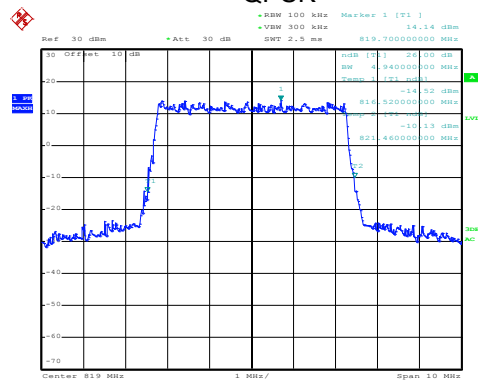
Lowest channel

16QAM



Date: 22.SEP.2019 15:03:13

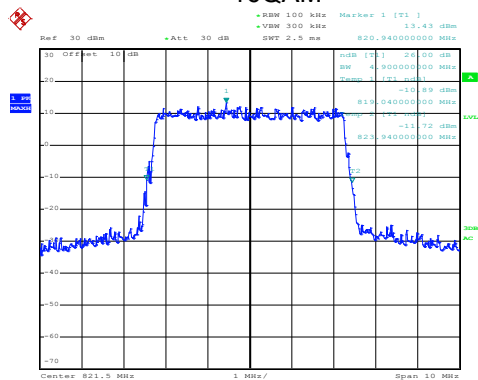
QPSK



Date: 22.SEP.2019 15:03:08

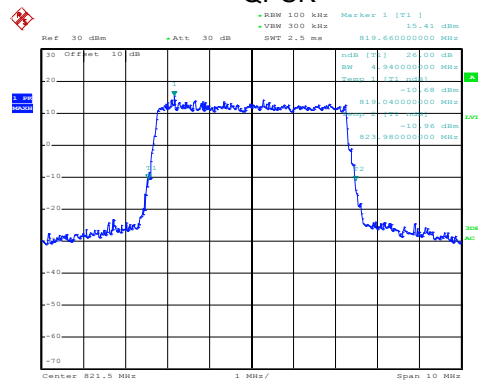
Middle channel

16QAM



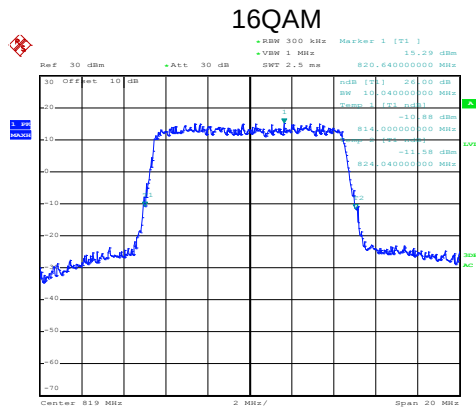
Date: 22.SEP.2019 15:03:31

QPSK

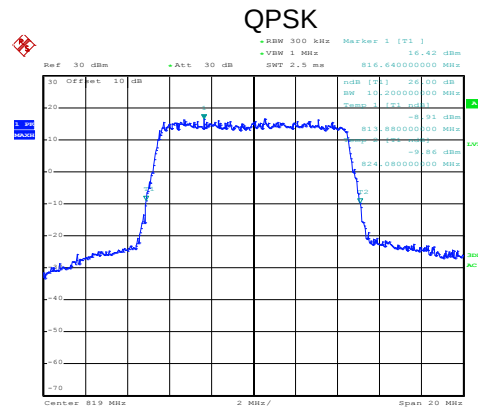


Date: 22.SEP.2019 15:04:00

Highest channel

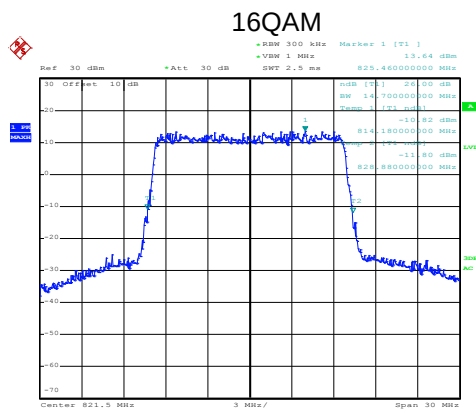
LTE Band 26(part 90S): -26dBc bandwidth
BW: 10MHz

Date: 22.SEP.2019 15:01:47

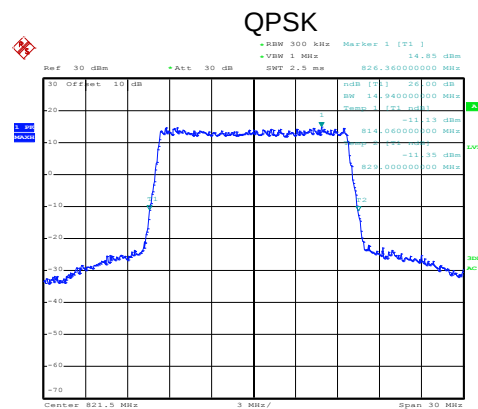


Date: 22.SEP.2019 15:01:39

Middle channel

LTE Band 26(part 90S): -26dBc bandwidth
BW: 15MHz

Date: 22.SEP.2019 15:00:04



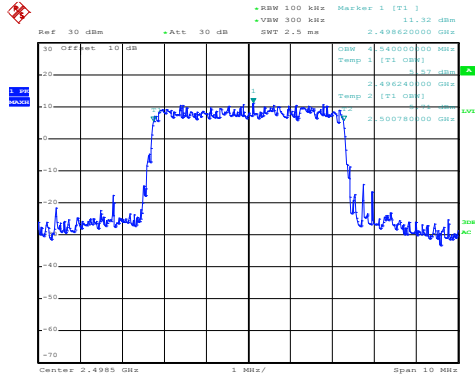
Date: 22.SEP.2019 14:59:56

Middle channel

LTE-Band 41 part:

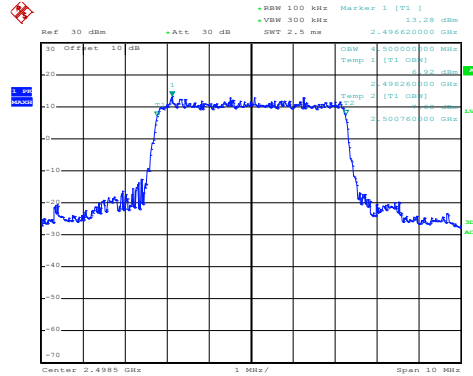
LTE Band 41: 99% Occupy bandwidth
BW: 5MHz

16QAM



Date: 22.SEP.2019 14:20:59

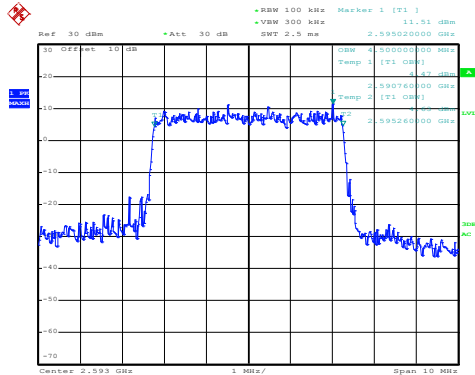
QPSK



Date: 22.SEP.2019 14:20:53

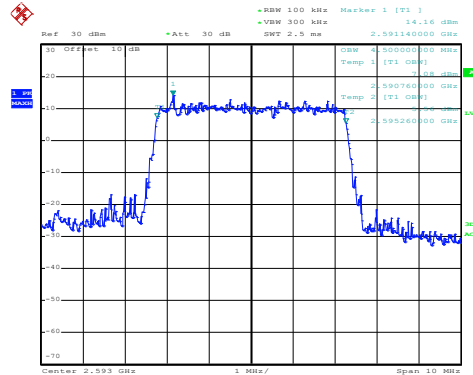
Lowest channel

16QAM



Date: 22.SEP.2019 14:21:52

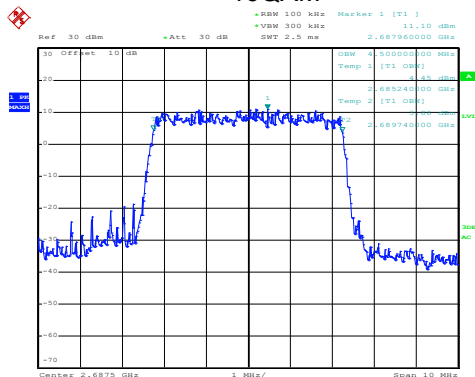
QPSK



Date: 22.SEP.2019 14:21:48

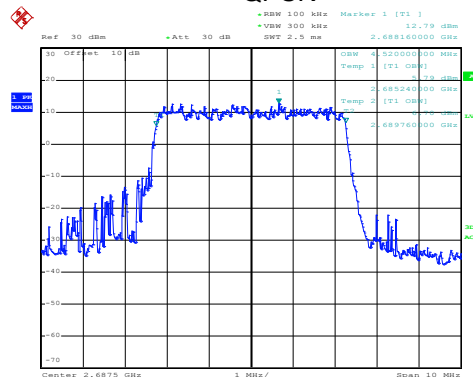
Middle channel

16QAM



Date: 22.SEP.2019 14:22:13

QPSK

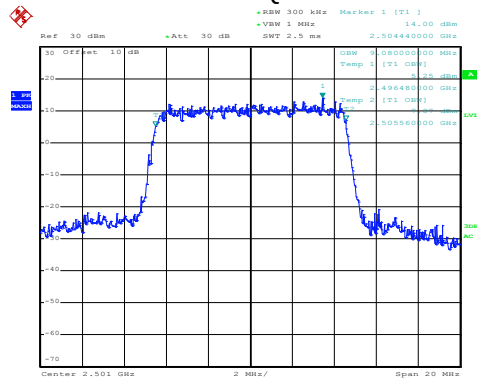


Date: 22.SEP.2019 14:22:09

Highest channel

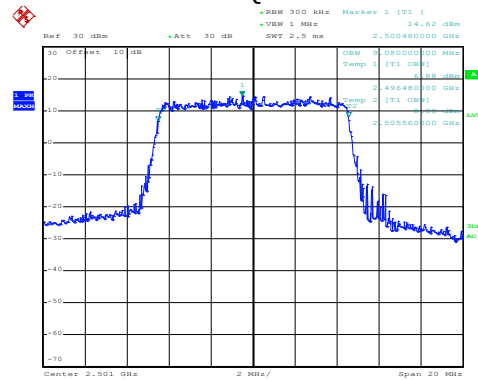
LTE Band 41: 99% Occupy bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 14:23:19

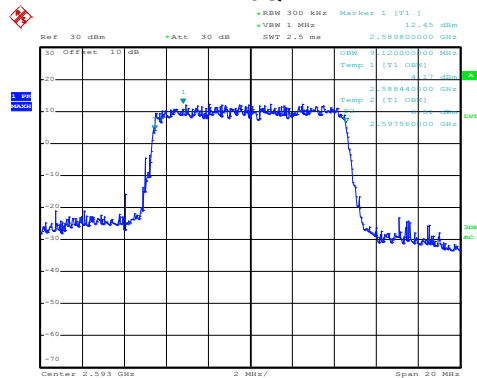
QPSK



Date: 22.SEP.2019 14:23:15

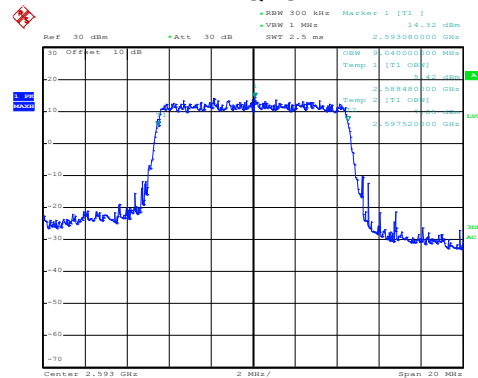
Lowest channel

16QAM



Date: 22.SEP.2019 14:23:36

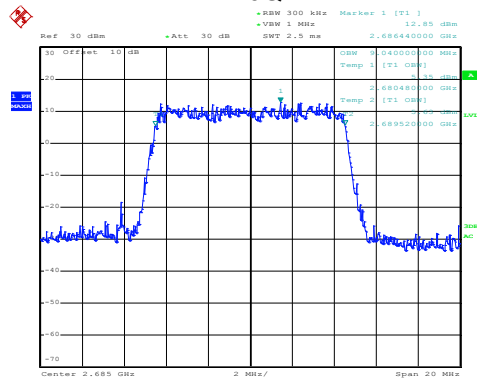
QPSK



Date: 22.SEP.2019 14:23:31

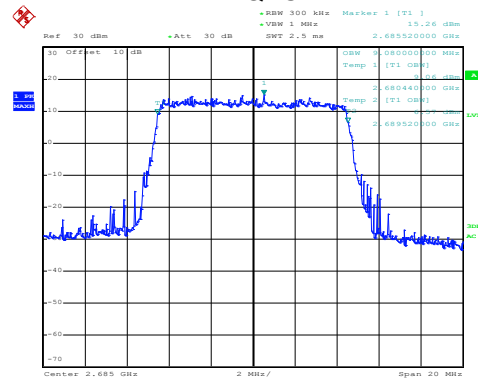
Middle channel

16QAM



Date: 22.SEP.2019 14:24:27

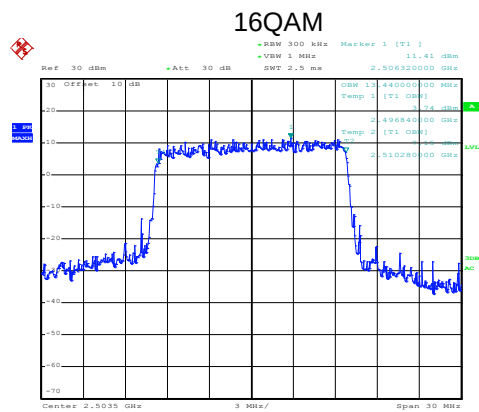
QPSK



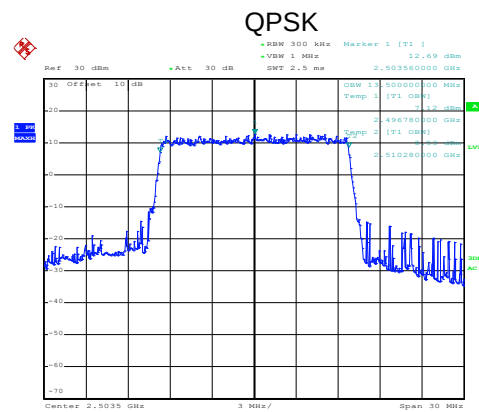
Date: 22.SEP.2019 14:24:23

Highest channel

LTE Band 41: 99% Occupy bandwidth
BW: 15MHz

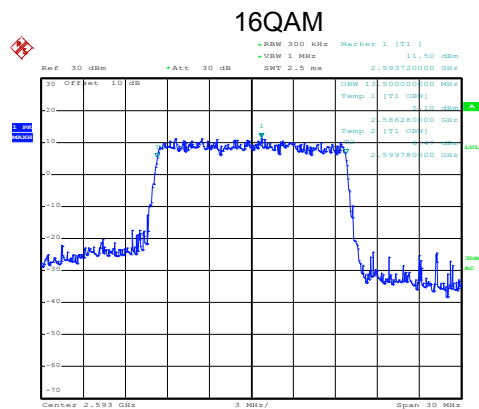


Date: 22.SEP.2019 14:25:00

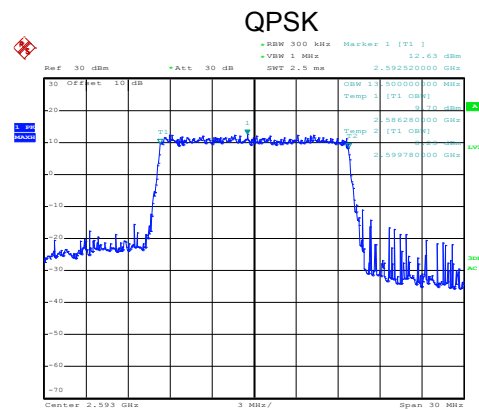


Date: 22.SEP.2019 14:24:55

Lowest channel

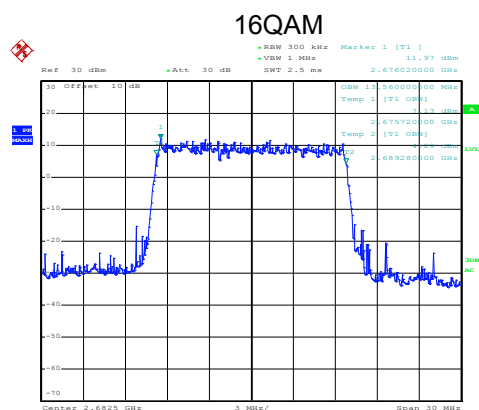


Date: 22.SEP.2019 14:25:52

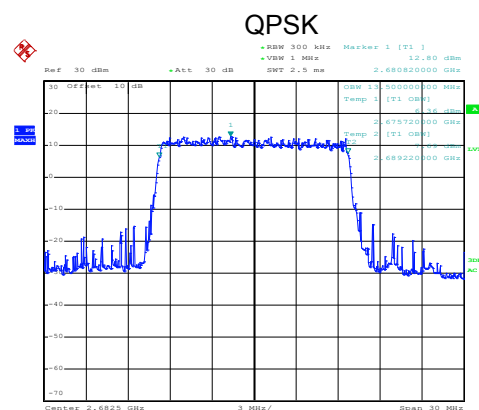


Date: 22.SEP.2019 14:25:46

Middle channel



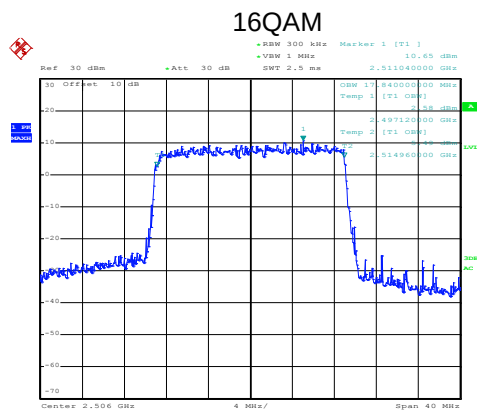
Date: 22.SEP.2019 14:26:14



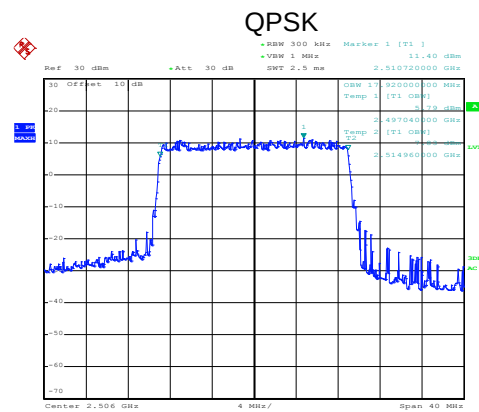
Date: 22.SEP.2019 14:26:08

Highest channel

LTE Band 41: 99% Occupy bandwidth
BW: 20MHz

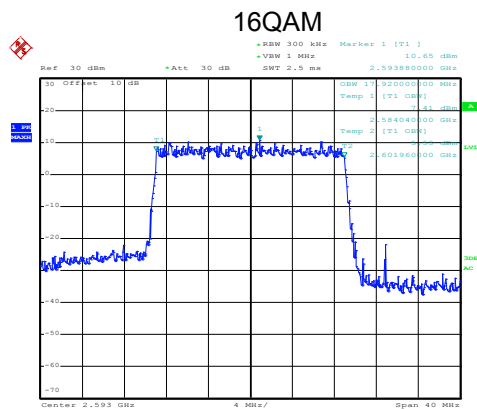


Date: 22.SEP.2019 14:27:22

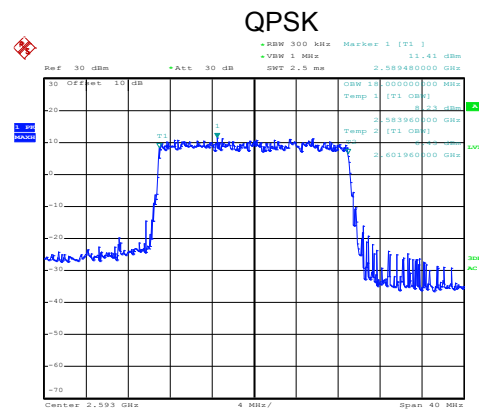


Date: 22.SEP.2019 14:27:15

Lowest channel

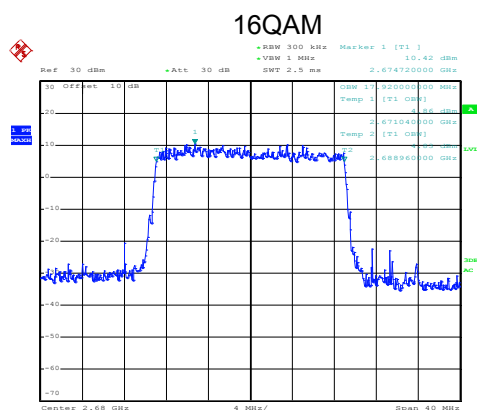


Date: 22.SEP.2019 14:27:44

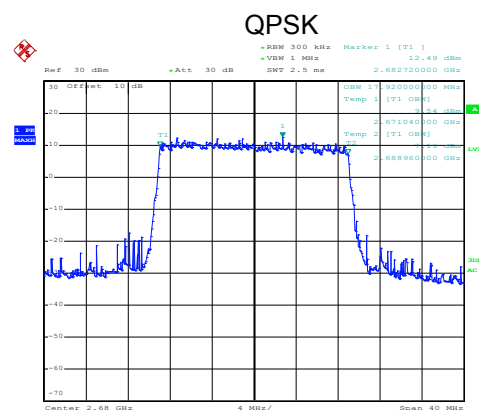


Date: 22.SEP.2019 14:27:38

Middle channel



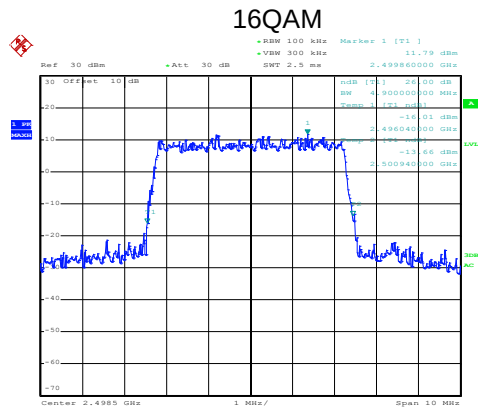
Date: 22.SEP.2019 14:28:37



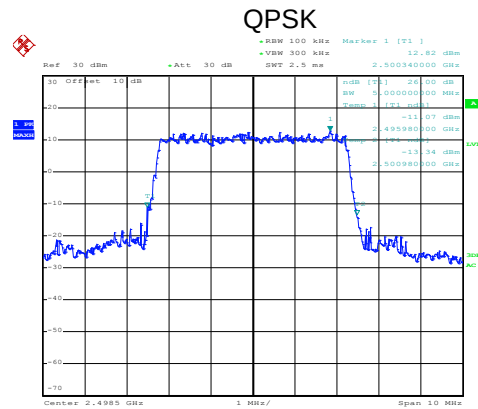
Date: 22.SEP.2019 14:28:33

Highest channel

LTE Band 41: -26dBc bandwidth
BW: 5MHz

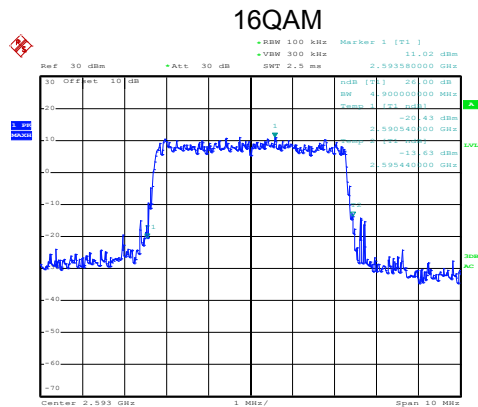


Date: 22.SEP.2019 14:21:17

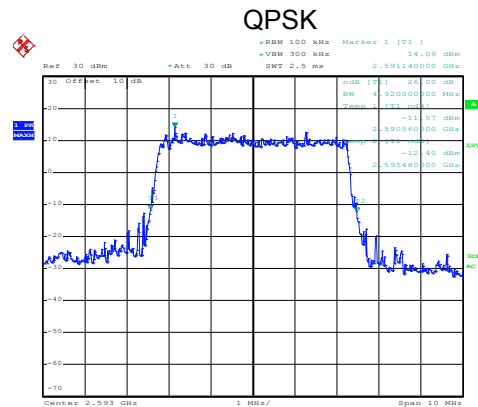


Date: 22.SEP.2019 14:21:10

Lowest channel

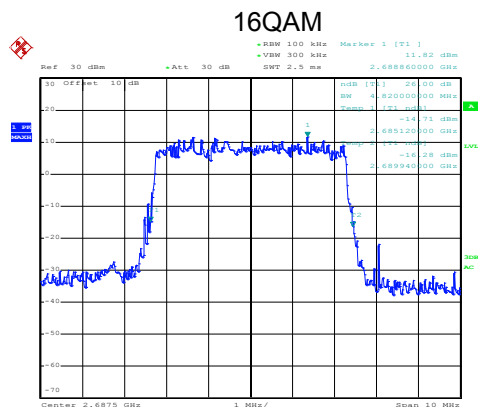


Date: 22.SEP.2019 14:21:37

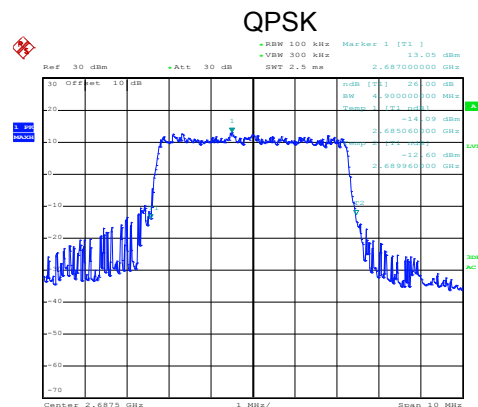


Date: 22.SEP.2019 14:21:31

Middle channel



Date: 22.SEP.2019 14:22:27

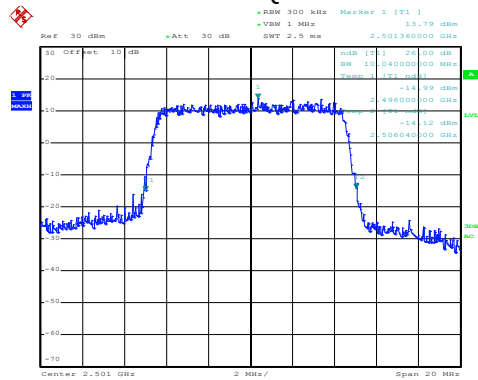


Date: 22.SEP.2019 14:22:23

Highest channel

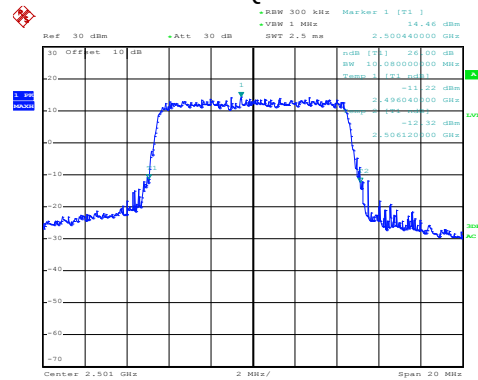
LTE Band 41: -26dBc bandwidth
BW: 10MHz

16QAM



Date: 22.SEP.2019 14:23:05

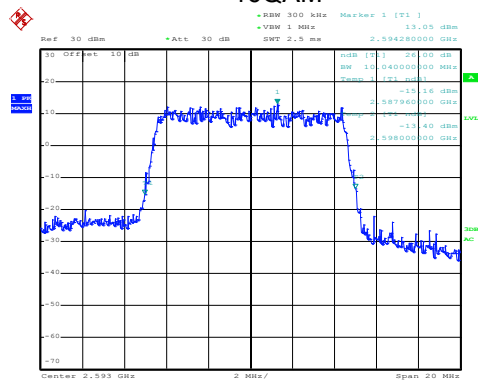
QPSK



Date: 22.SEP.2019 14:23:01

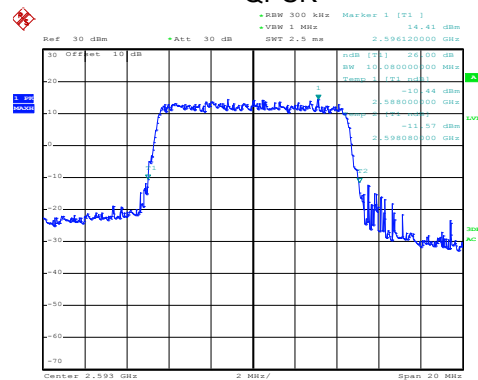
Lowest channel

16QAM



Date: 22.SEP.2019 14:23:49

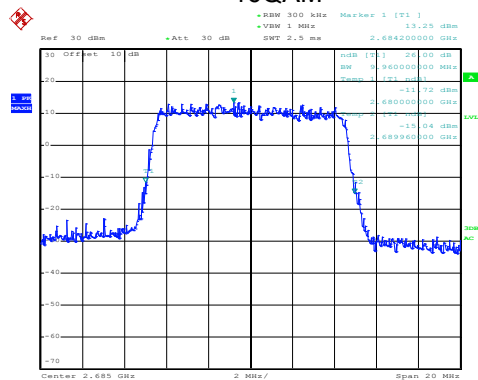
QPSK



Date: 22.SEP.2019 14:23:44

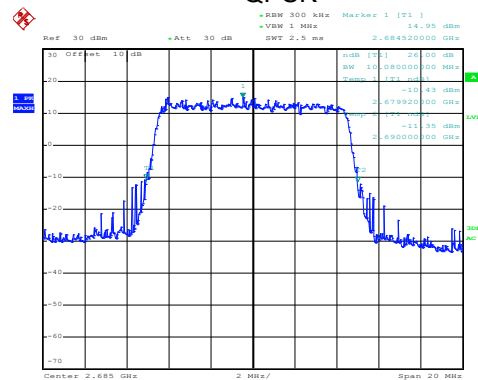
Middle channel

16QAM



Date: 22.SEP.2019 14:24:14

QPSK

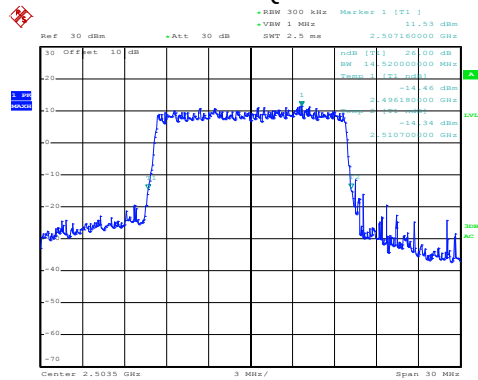


Date: 22.SEP.2019 14:24:09

Highest channel

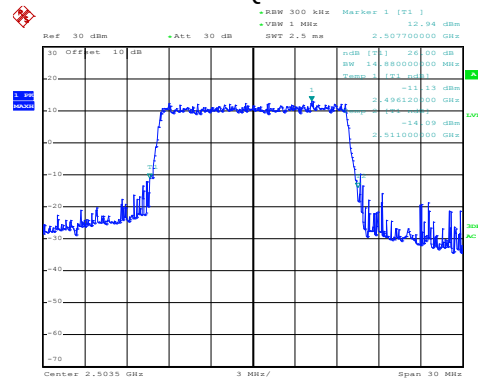
LTE Band 41: -26dBc bandwidth
BW: 15MHz

16QAM



Date: 22.SEP.2019 14:25:15

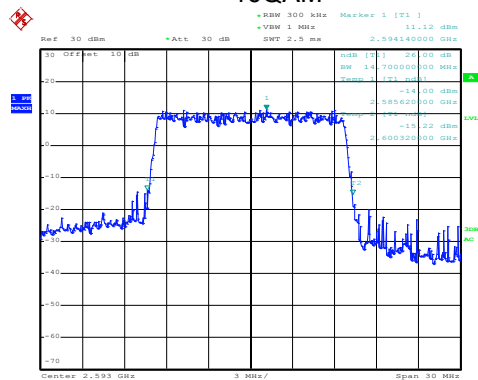
QPSK



Date: 22.SEP.2019 14:25:09

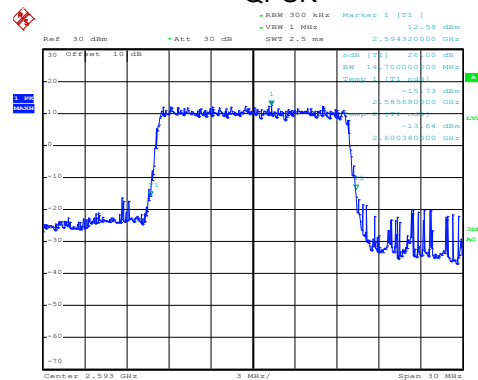
Lowest channel

16QAM



Date: 22.SEP.2019 14:25:35

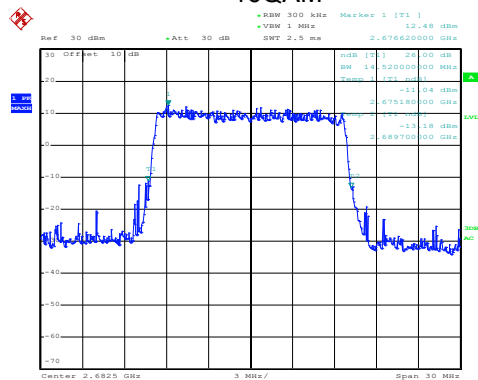
QPSK



Date: 22.SEP.2019 14:25:29

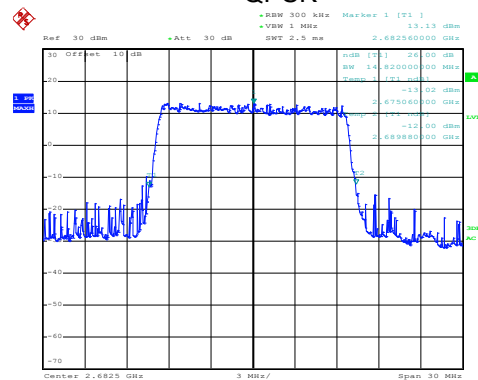
Middle channel

16QAM



Date: 22.SEP.2019 14:26:31

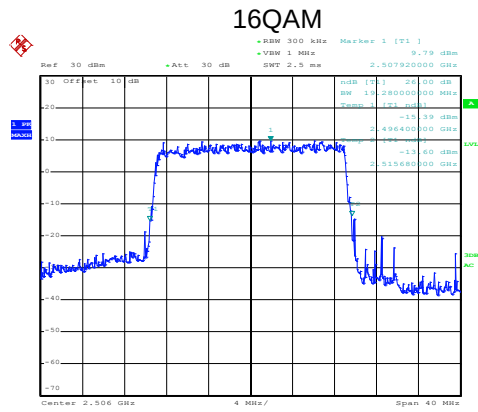
QPSK



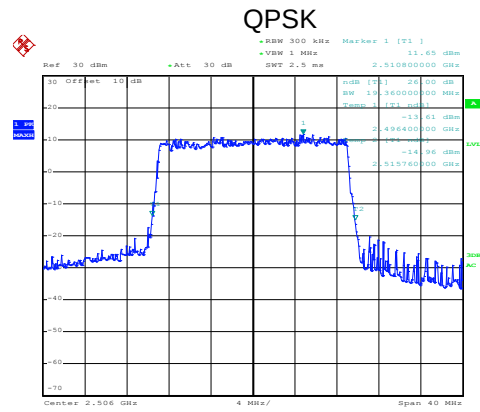
Date: 22.SEP.2019 14:26:25

Highest channel

LTE Band 41: -26dBc bandwidth
BW: 20MHz

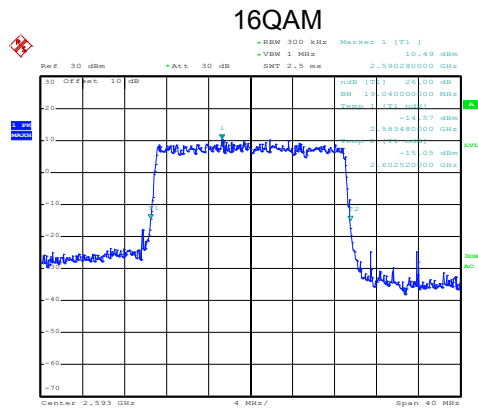


Date: 22.SEP.2019 14:27:05

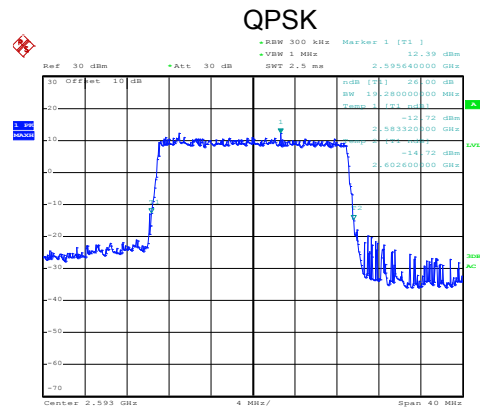


Date: 22.SEP.2019 14:26:59

Lowest channel

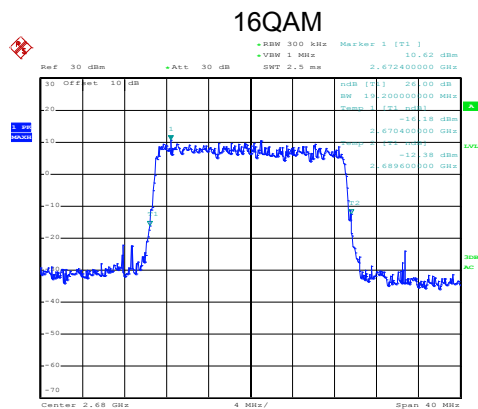


Date: 22.SEP.2019 14:28:01

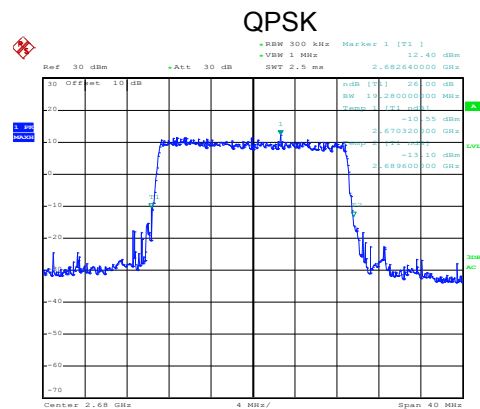


Date: 22.SEP.2019 14:27:55

Middle channel



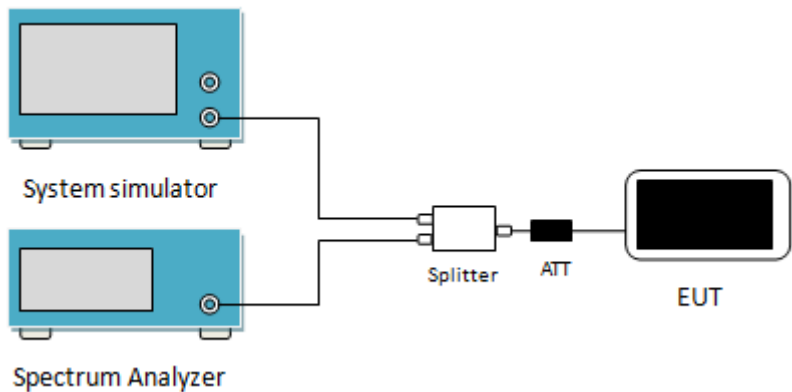
Date: 22.SEP.2019 14:28:24



Date: 22.SEP.2019 14:28:17

Highest channel

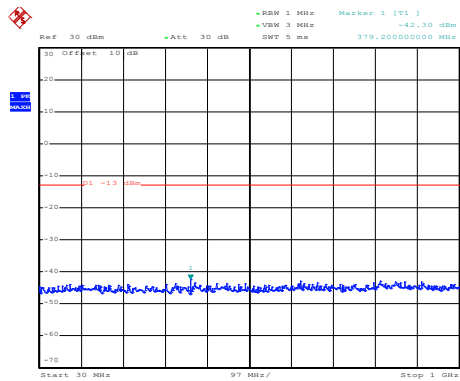
6.4 Out of band emission at antenna terminals

Test Requirement:	Part 22.917(b), Part 24.238 (a), part 27.53(c), part 27.53(g), Part 27.53(h),Part 27.53(m), Part 90.543(e), Part 90.691(a)
Limit:	LTE Band 4&12&25&26&26: 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: The power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB(-13 dBm). 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. LTE Band 14: On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations. On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB. Compliance with the provisions of paragraphs (e)(1) and (2) 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. Compliance with the provisions of paragraph (e)(3) 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 30 kHz may be employed. LTE Band 7&41: 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:	 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 The resolution bandwidth of the spectrum analyzer was set at 100 kHz when below 1GHz, 1MHz when above 1 GHz; sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic. 3 For the out of band: 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. 4 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.

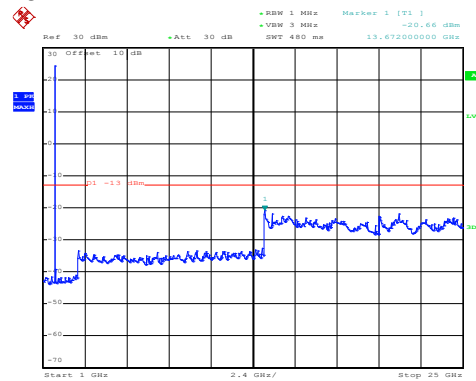
Test plots as follows (Conducted spurious emission) (worst case):
LTE Band 4 part:

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



Date: 20.SEP.2019 16:29:19

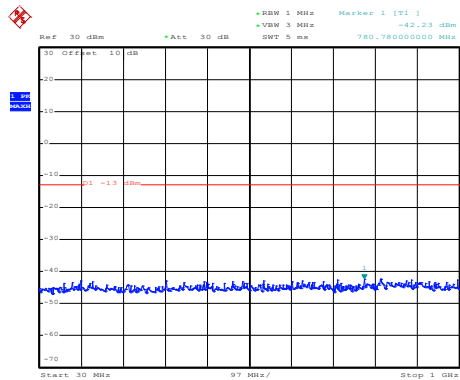
30MHz~1GHz



Date: 20.SEP.2019 14:38:39

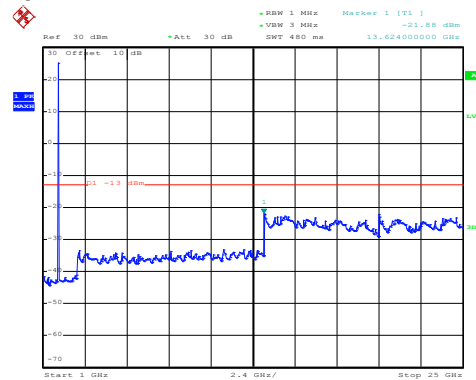
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:30:11

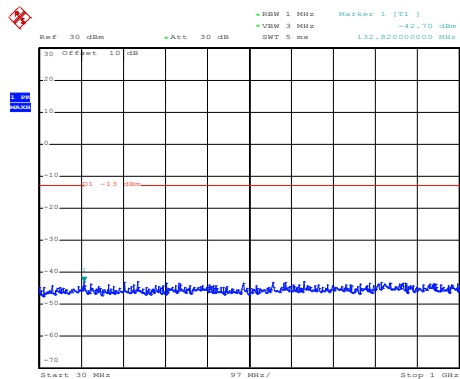
30MHz~1GHz



Date: 20.SEP.2019 14:39:41

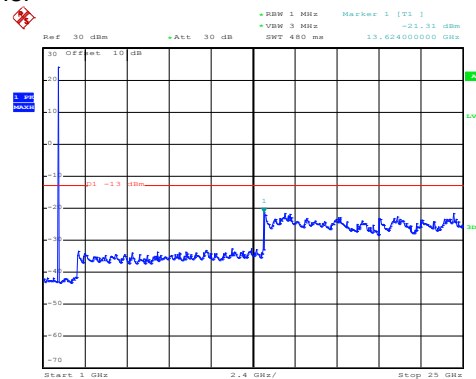
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:30:30

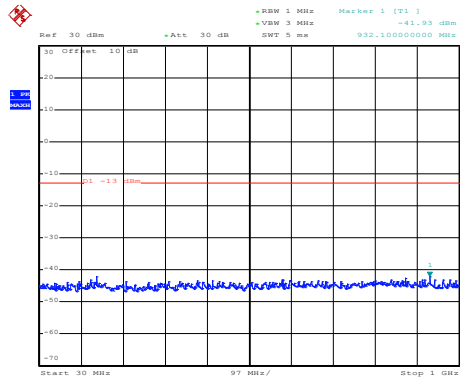
30MHz~1GHz



Date: 20.SEP.2019 14:39:59

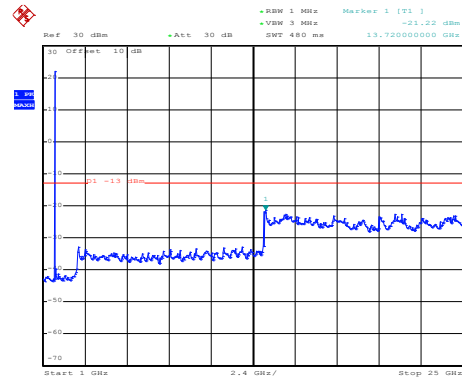
1GHz~25GHz

LTE Band 4: 16 QAM & RB Size 6
BW: 1.4MHz
Lowest channel



Date: 20.SEP.2019 16:29:37

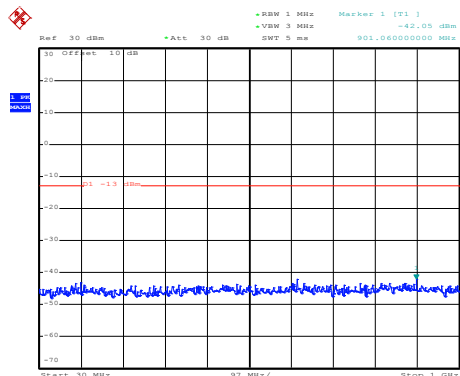
30MHz~1GHz



Date: 20.SEP.2019 14:38:53

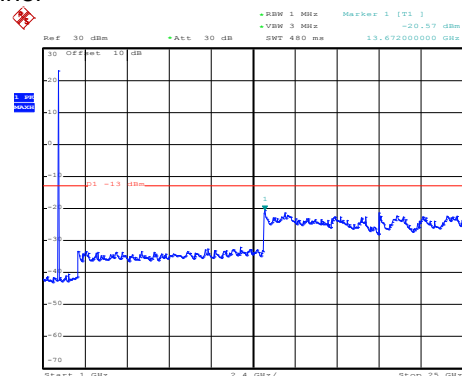
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:29:54

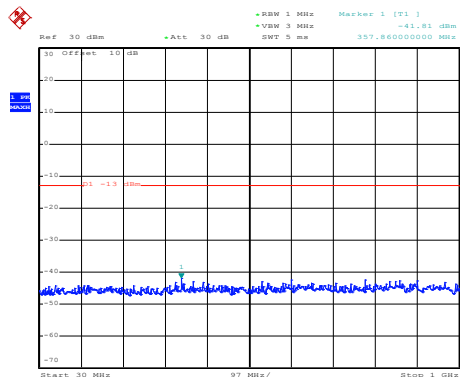
30MHz~1GHz



Date: 20.SEP.2019 14:39:24

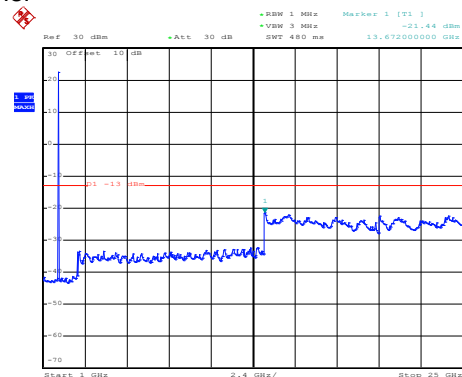
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:30:46

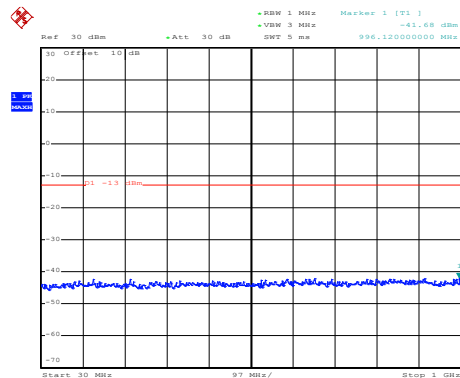
30MHz~1GHz



Date: 20.SEP.2019 14:40:27

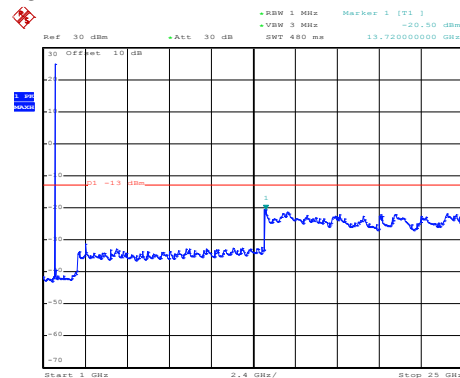
1GHz~25GHz

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



Date: 20.SEP.2019 16:29:12

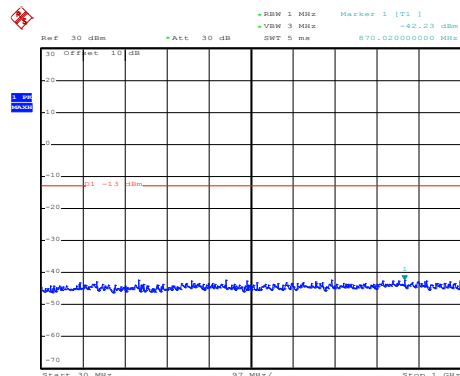
30MHz~1GHz



Date: 20.SEP.2019 14:38:33

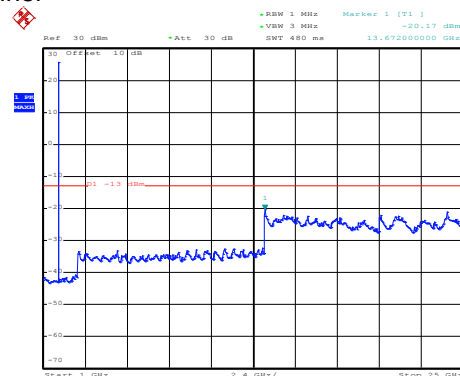
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:30:04

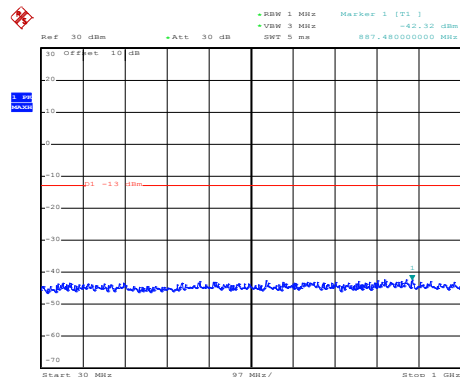
30MHz~1GHz



Date: 20.SEP.2019 14:39:36

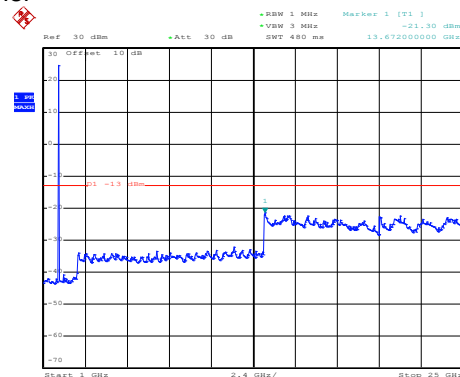
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:30:24

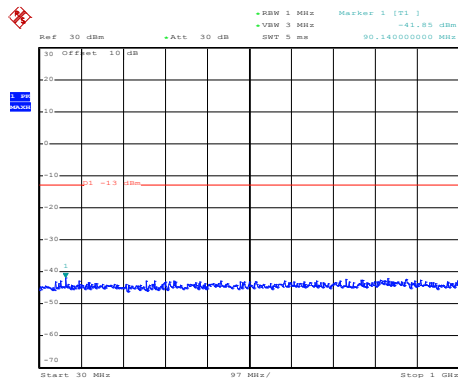
30MHz~1GHz



Date: 20.SEP.2019 14:39:53

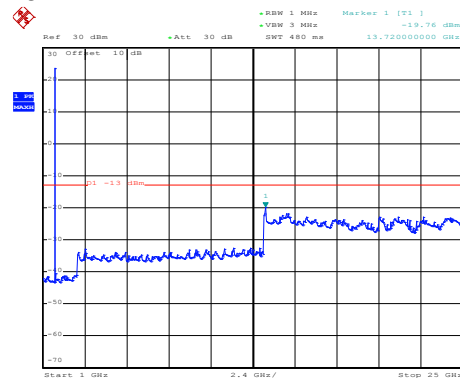
1GHz~25GHz

LTE Band 4: QPSK & RB Size 6
BW: 1.4MHz
Lowest channel



Date: 20.SEP.2019 16:29:30

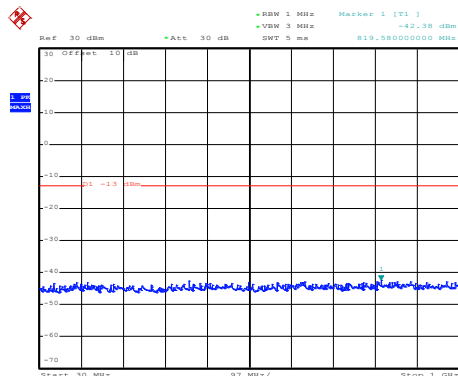
30MHz~1GHz



Date: 20.SEP.2019 14:38:48

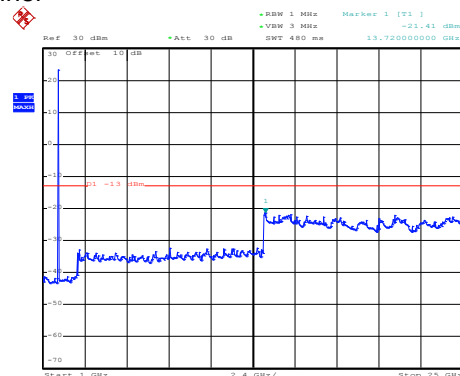
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:29:48

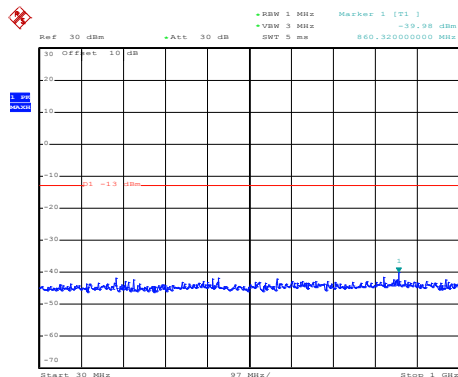
30MHz~1GHz



Date: 20.SEP.2019 14:39:08

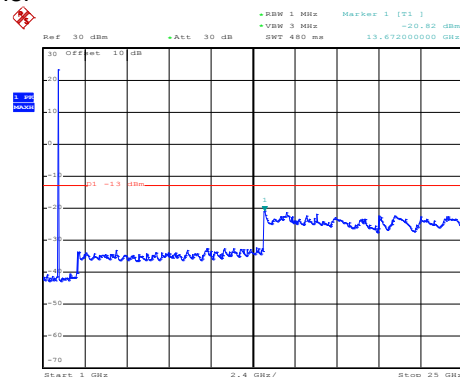
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:30:39

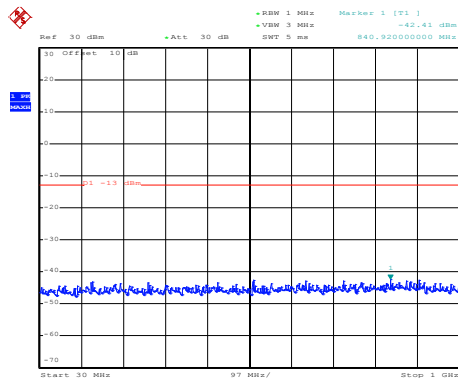
30MHz~1GHz



Date: 20.SEP.2019 14:40:16

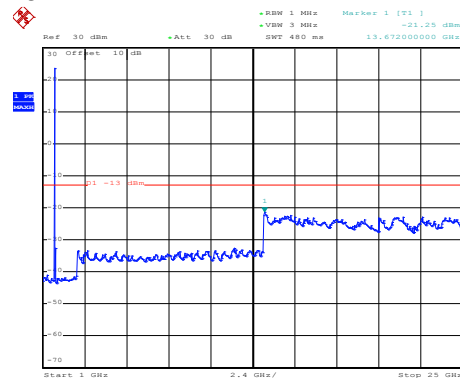
1GHz~25GHz

LTE Band 4: 16 QAM & RB Size 1
BW: 3MHz
Lowest channel



Date: 20.SEP.2019 16:31:17

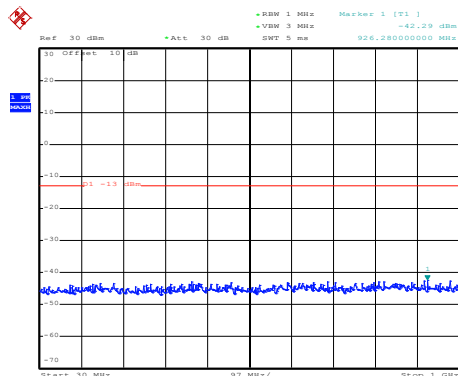
30MHz~1GHz



Date: 20.SEP.2019 14:41:06

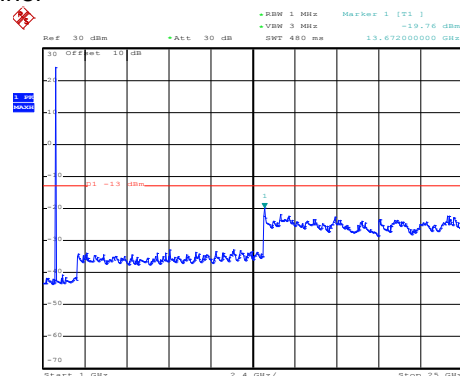
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:32:10

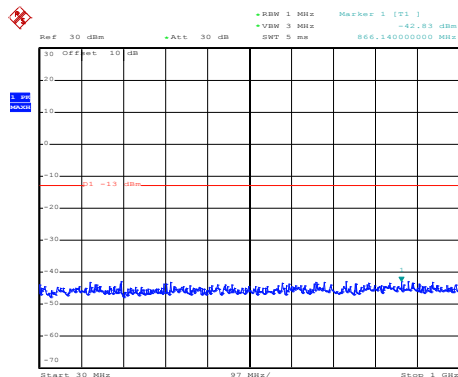
30MHz~1GHz



Date: 20.SEP.2019 14:41:59

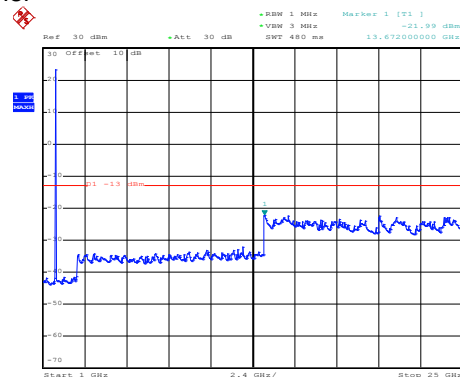
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:32:27

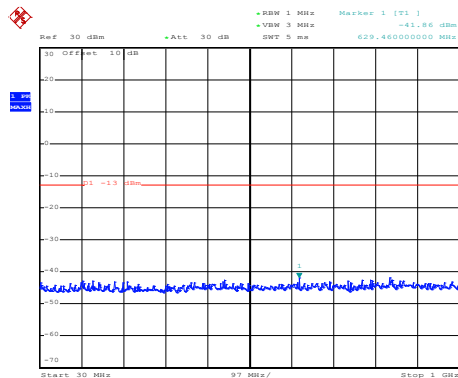
30MHz~1GHz



Date: 20.SEP.2019 14:42:19

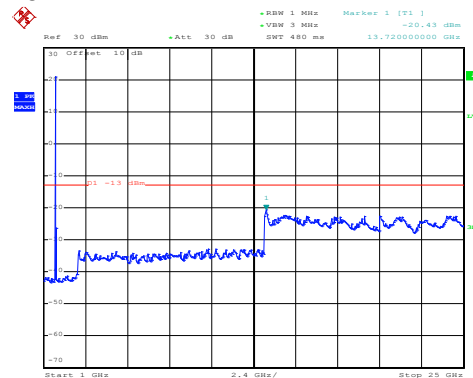
1GHz~25GHz

LTE Band 4: 16 QAM & RB Size 15
BW: 3MHz
Lowest channel



Date: 20.SEP.2019 16:31:35

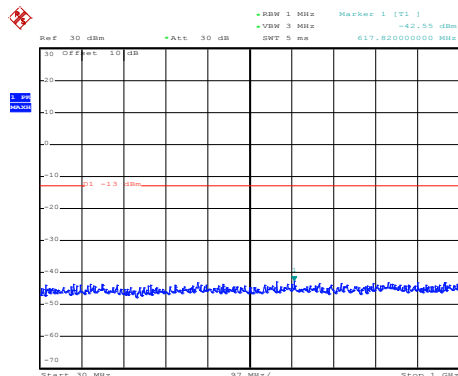
30MHz~1GHz



Date: 20.SEP.2019 14:41:24

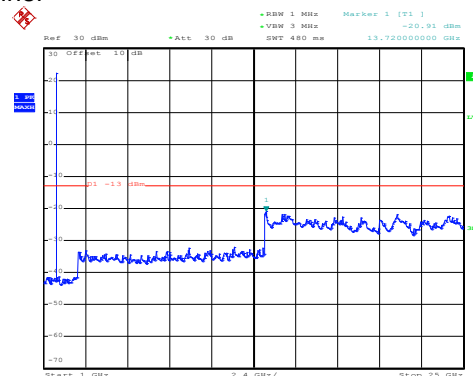
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:31:53

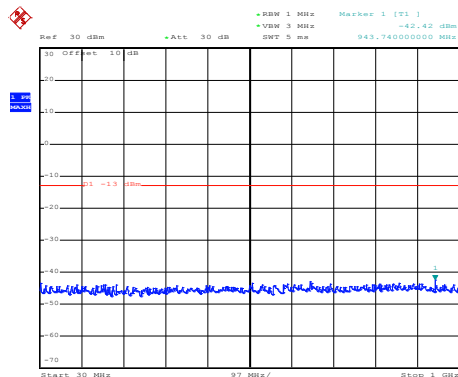
30MHz~1GHz



Date: 20.SEP.2019 14:41:40

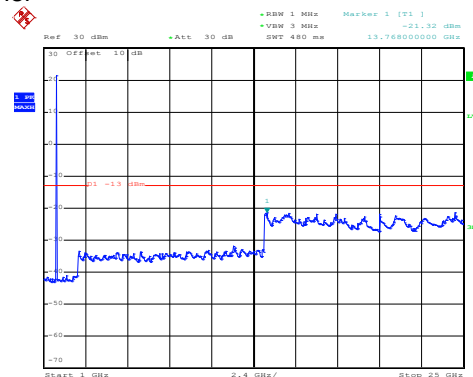
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:32:43

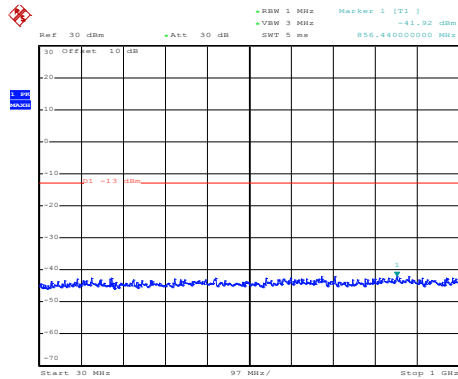
30MHz~1GHz



Date: 20.SEP.2019 14:42:43

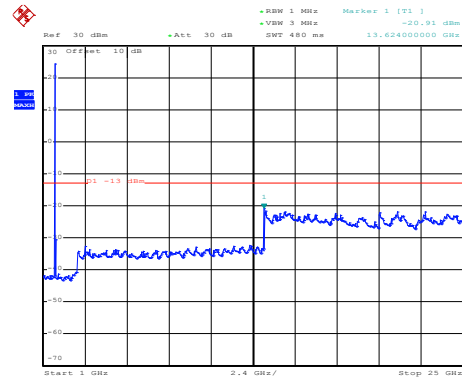
1GHz~25GHz

LTE Band 4: QPSK & RB Size 1 BW: 3MHz Lowest channel



Date: 20.SEP.2019 16:31:11

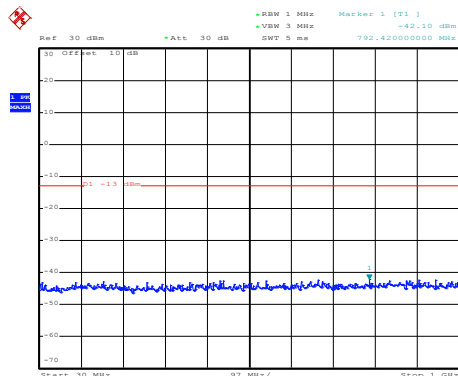
30MHz~1GHz



Date: 20.SEP.2019 14:40:56

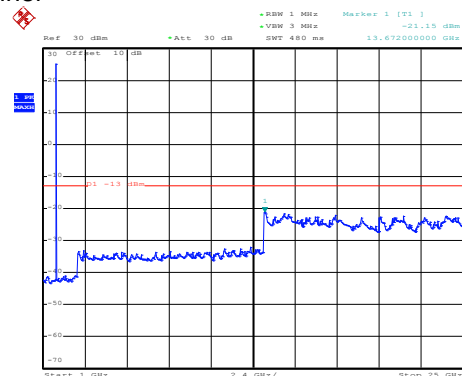
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:32:03

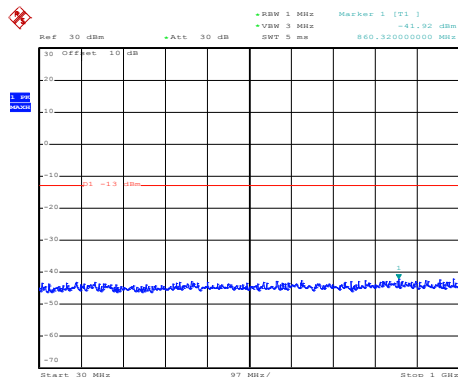
30MHz~1GHz



Date: 20.SEP.2019 14:41:53

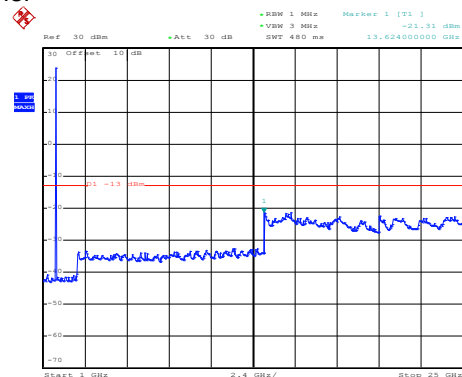
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:32:21

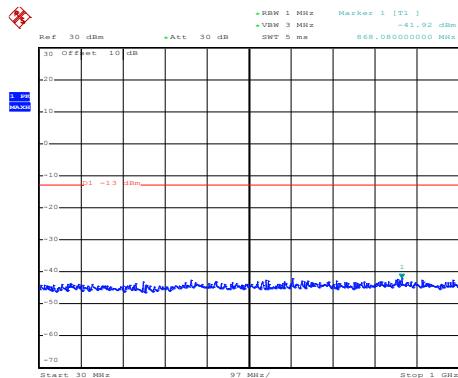
30MHz~1GHz



Date: 20.SEP.2019 14:42:13

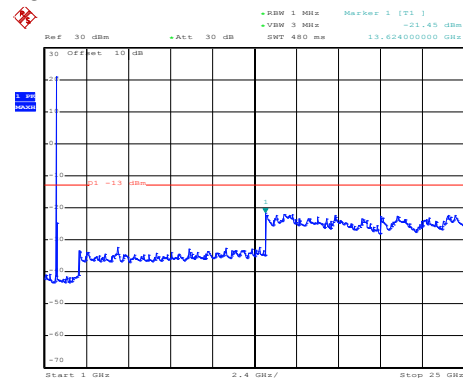
1GHz~25GHz

LTE Band 4: QPSK & RB Size 15
BW: 3MHz
Lowest channel



Date: 20.SEP.2019 16:31:27

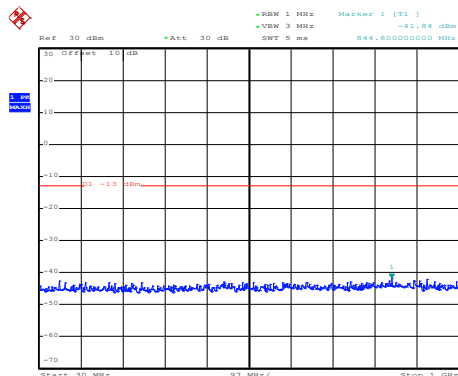
30MHz~1GHz



Date: 20.SEP.2019 14:41:14

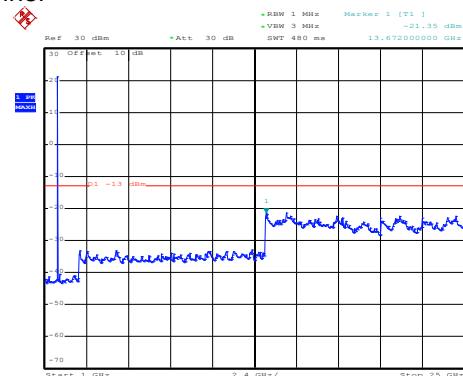
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:31:47

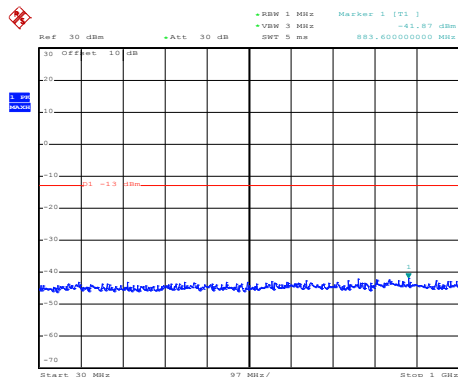
30MHz~1GHz



Date: 20.SEP.2019 14:41:32

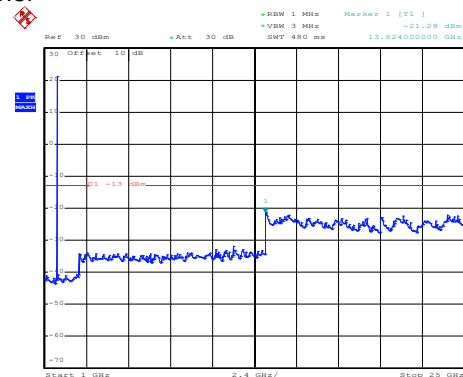
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:32:37

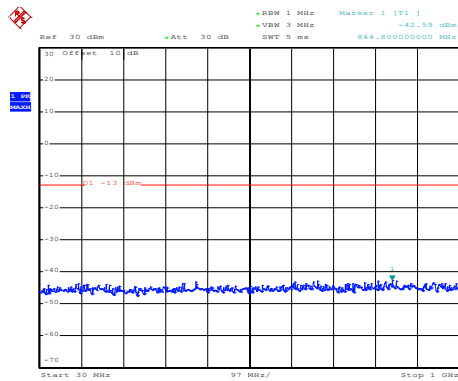
30MHz~1GHz



Date: 20.SEP.2019 14:42:28

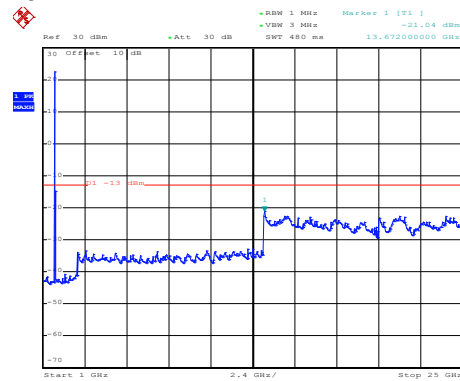
1GHz~25GHz

LTE Band 4: 16 QAM & RB Size 1
BW: 5MHz
Lowest channel



Date: 20.SEP.2019 16:33:09

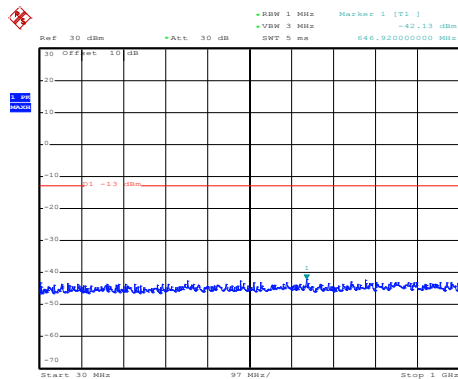
30MHz~1GHz



Date: 20.SEP.2019 14:43:40

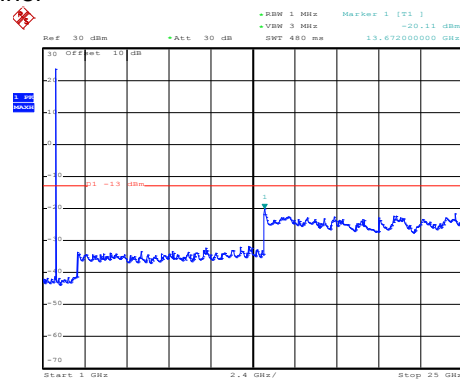
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:34:02

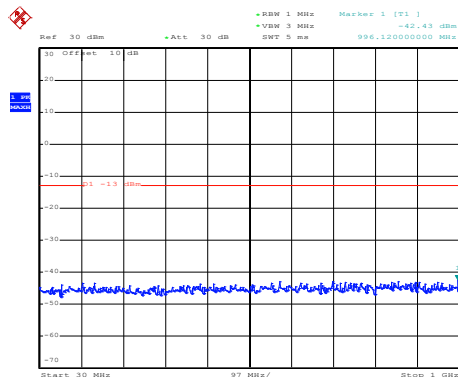
30MHz~1GHz



Date: 20.SEP.2019 14:44:40

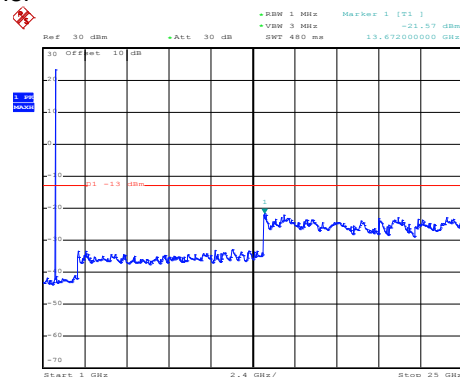
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:34:19

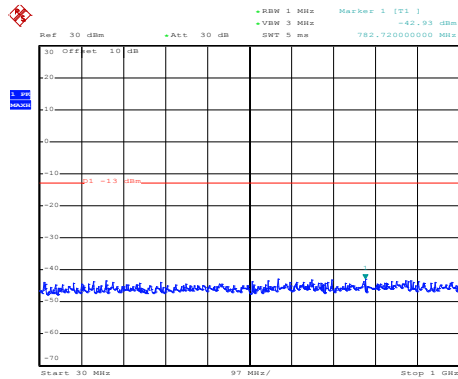
30MHz~1GHz



Date: 20.SEP.2019 14:45:04

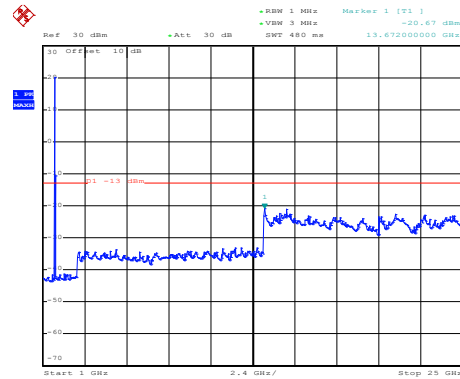
1GHz~25GHz

LTE Band 4: 16 QAM & RB Size 25
BW: 5MHz
Lowest channel



Date: 20.SEP.2019 16:33:26

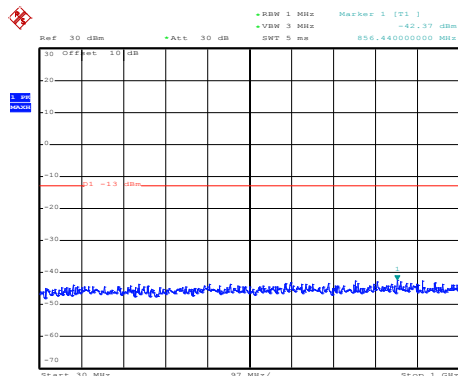
30MHz~1GHz



Date: 20.SEP.2019 14:43:55

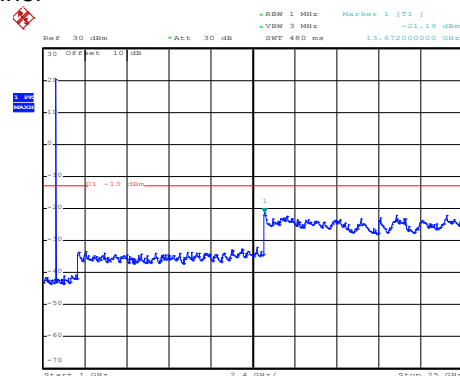
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:33:45

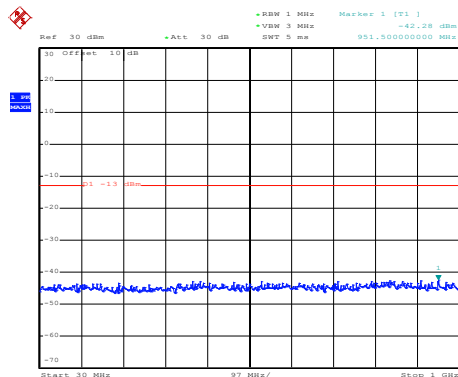
30MHz~1GHz



Date: 20.SEP.2019 14:44:15

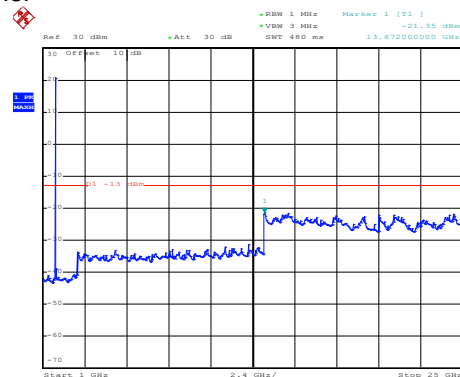
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:34:37

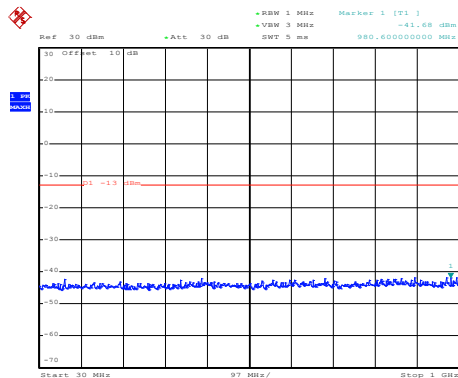
30MHz~1GHz



Date: 20.SEP.2019 14:45:30

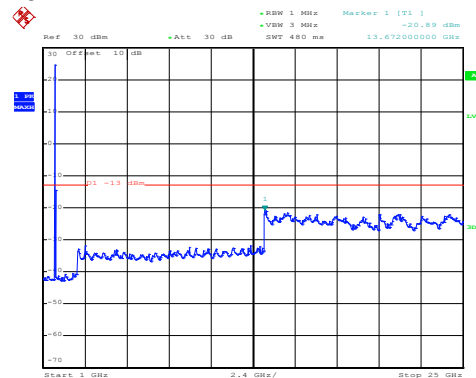
1GHz~25GHz

LTE Band 4: QPSK & RB Size 1
BW: 5MHz
Lowest channel



Date: 20.SEP.2019 16:33:02

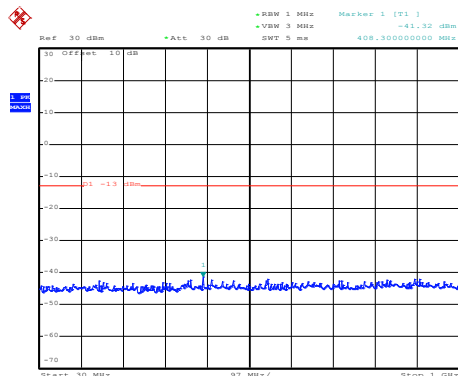
30MHz~1GHz



Date: 20.SEP.2019 14:43:35

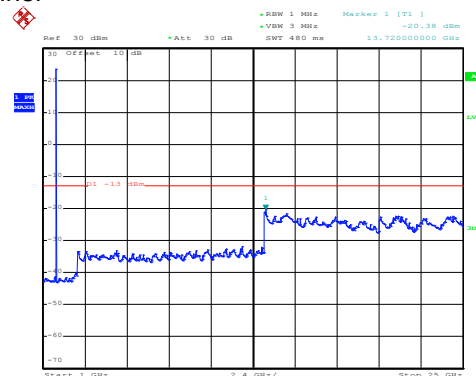
1GHz~25GHz

Middle channel



Date: 20.SEP.2019 16:33:55

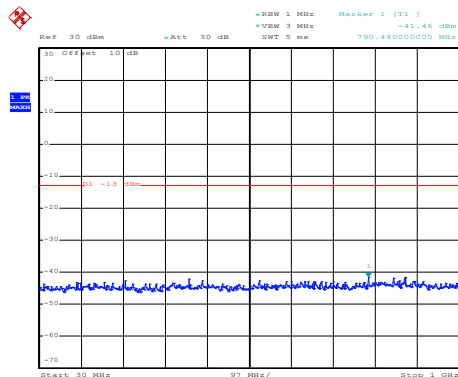
30MHz~1GHz



Date: 20.SEP.2019 14:44:30

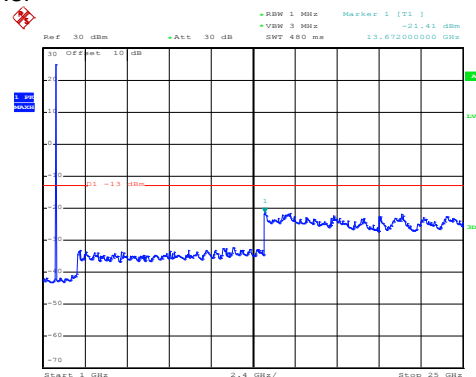
1GHz~25GHz

High channel



Date: 20.SEP.2019 16:34:13

30MHz~1GHz



Date: 20.SEP.2019 14:44:59

1GHz~25GHz