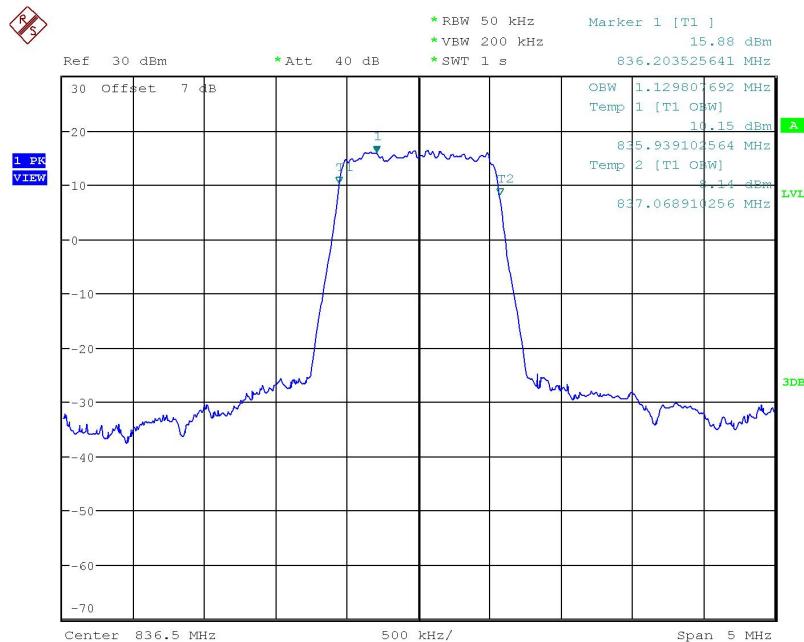
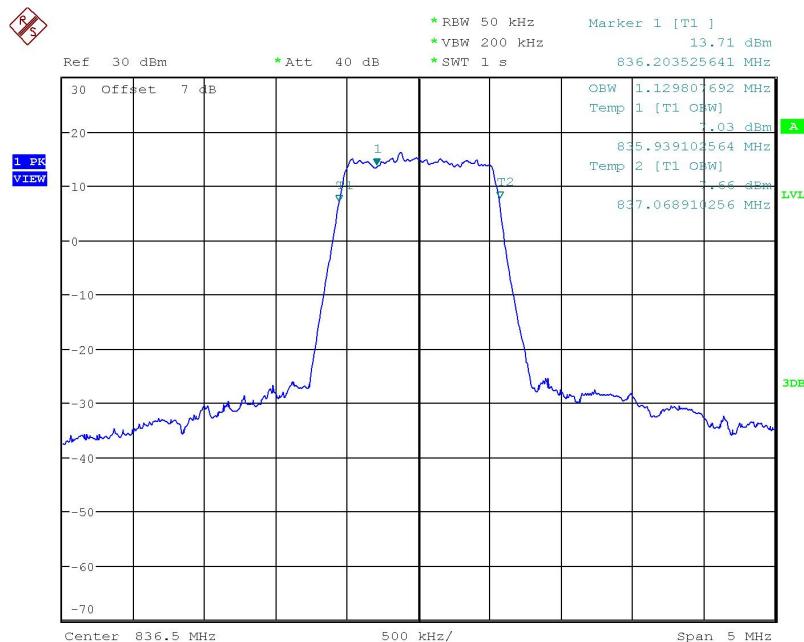


LTE band 5, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
836.5	QPSK	16QAM
	1.13	1.13

LTE band 5, 1.4MHz Bandwidth, QPSK (99% BW)


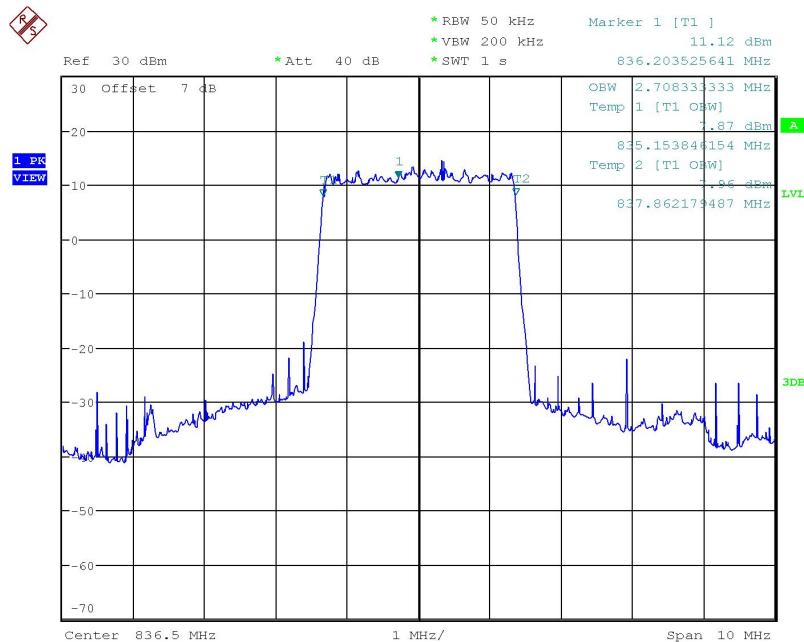
Date: 5.JUL.2018 16:52:14

LTE band 5, 1.4MHz Bandwidth, 16QAM (99% BW)


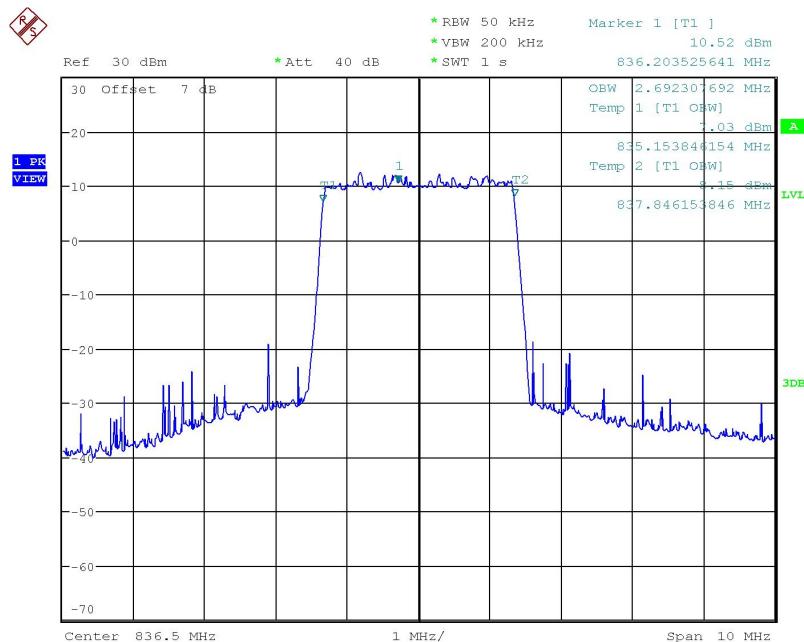
Date: 5.JUL.2018 16:52:59

LTE band 5, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
836.5	QPSK	16QAM
	2.708	2.692

LTE band 5, 3MHz Bandwidth, QPSK (99% BW)


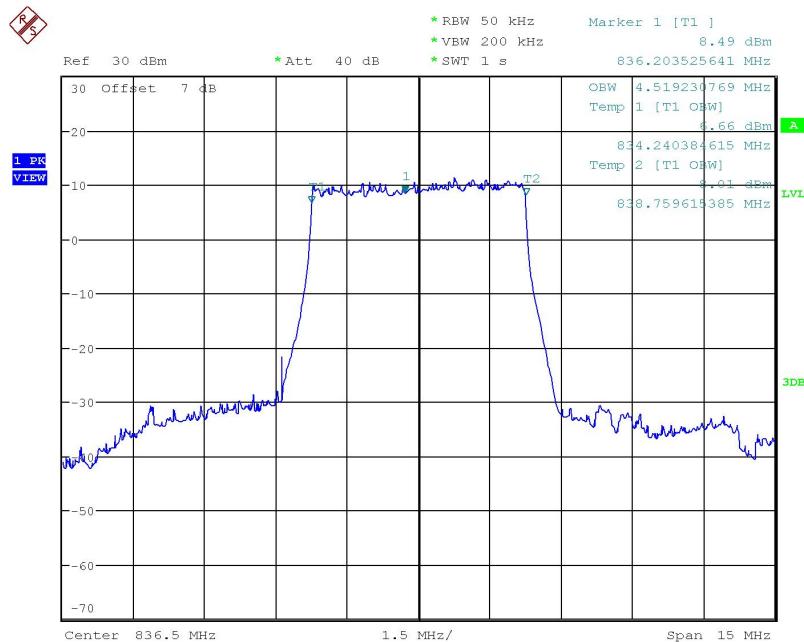
Date: 5.JUL.2018 16:53:54

LTE band 5, 3MHz Bandwidth, 16QAM (99% BW)


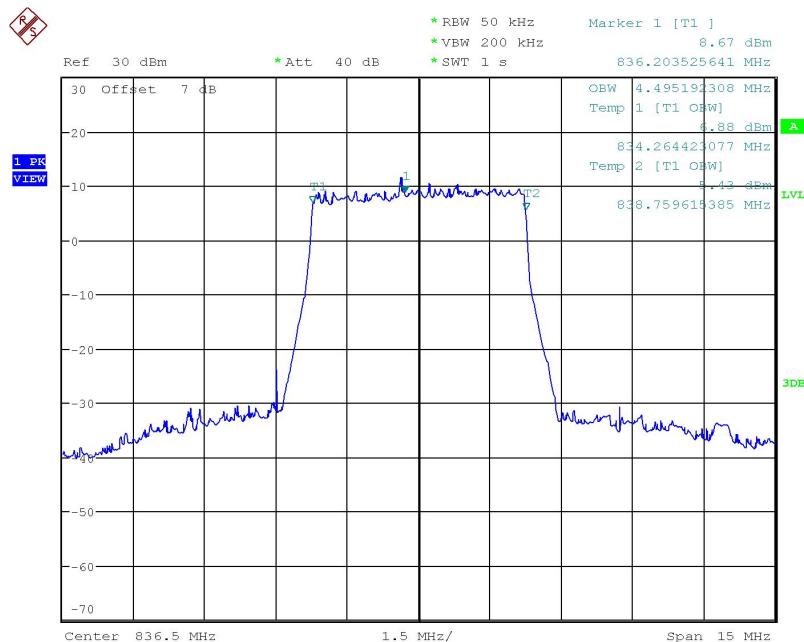
Date: 5.JUL.2018 16:54:40

LTE band 5, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
836.5	QPSK	16QAM
	4.519	4.495

LTE band 5, 5MHz Bandwidth, QPSK (99% BW)


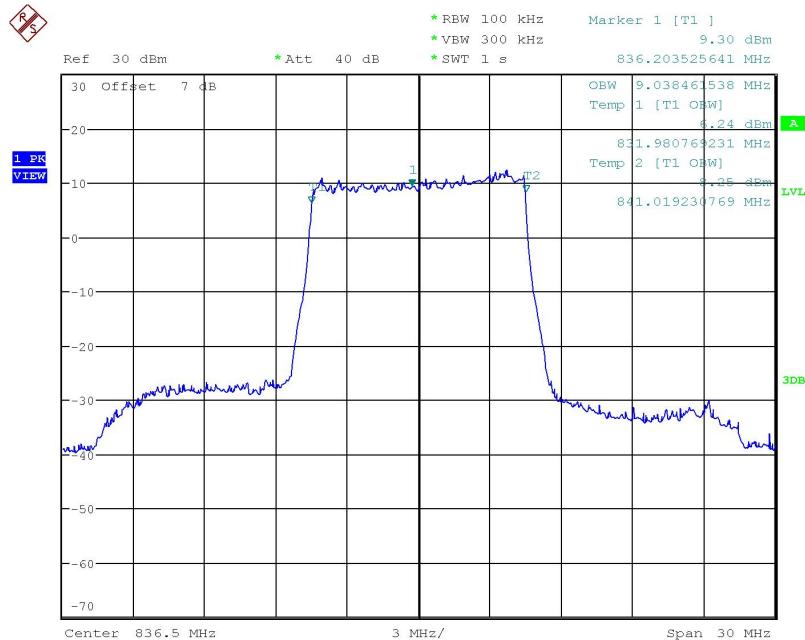
Date: 5.JUL.2018 16:55:35

LTE band 5, 5MHz Bandwidth,16QAM (99% BW)


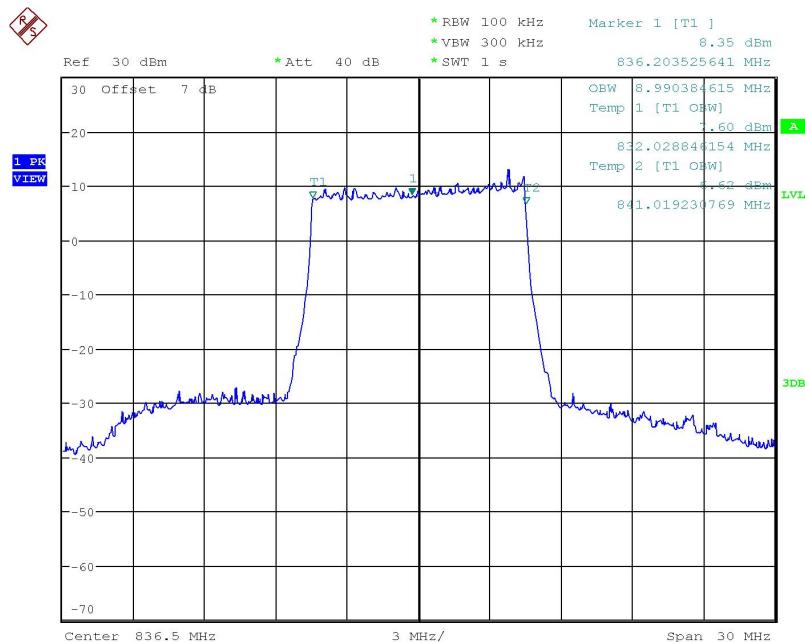
Date: 5.JUL.2018 16:56:21

LTE band 5, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
836.5	QPSK	16QAM
	9.038	8.99

LTE band 5, 10MHz Bandwidth, QPSK (99% BW)


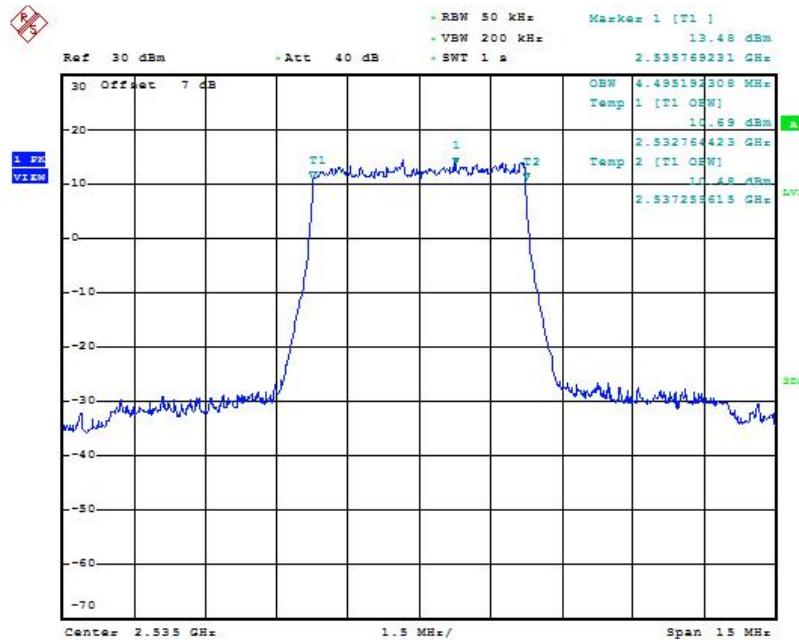
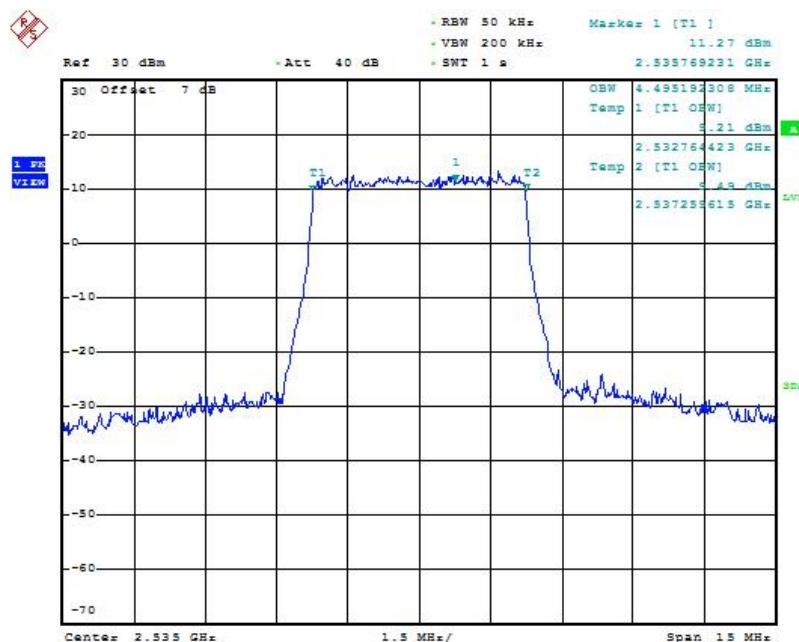
Date: 5.JUL.2018 16:57:14

LTE band 5, 10MHz Bandwidth, 16QAM (99% BW)


Date: 5.JUL.2018 16:58:00

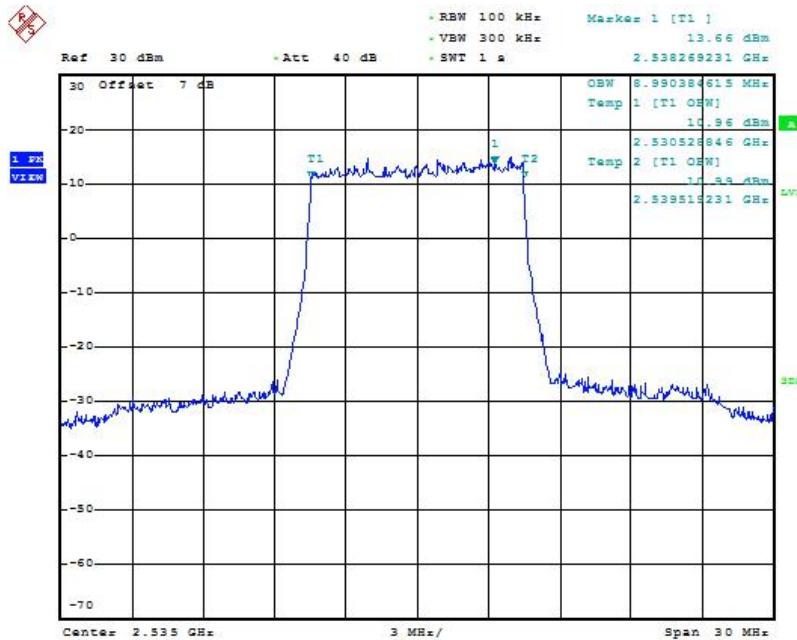
LTE band 7, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
2535.0	QPSK	16QAM
	4.495	4.495

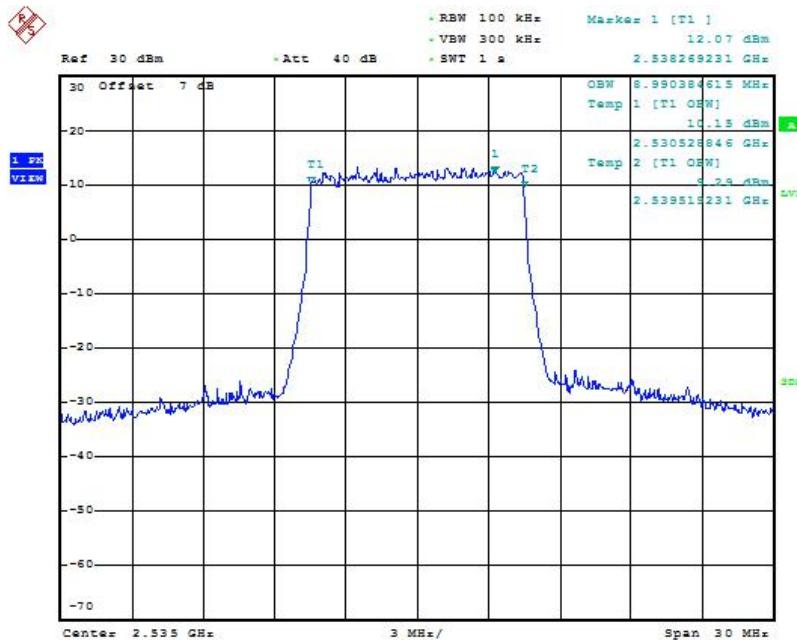
LTE band 7, 5MHz Bandwidth, QPSK (99% BW)

LTE band 7, 5MHz Bandwidth,16QAM (99% BW)


LTE band 7, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
2535.0	QPSK	16QAM
	8.99	8.99

LTE band 7, 10MHz Bandwidth, QPSK (99% BW)


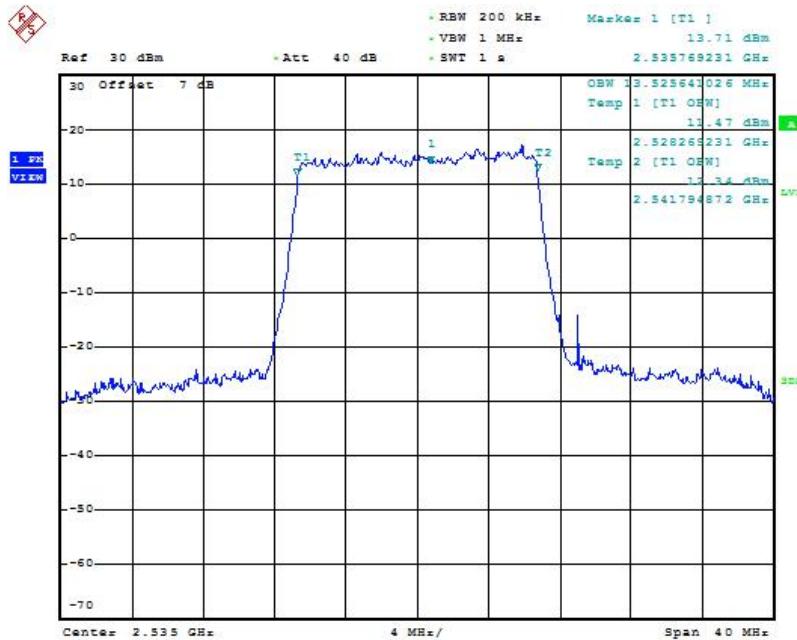
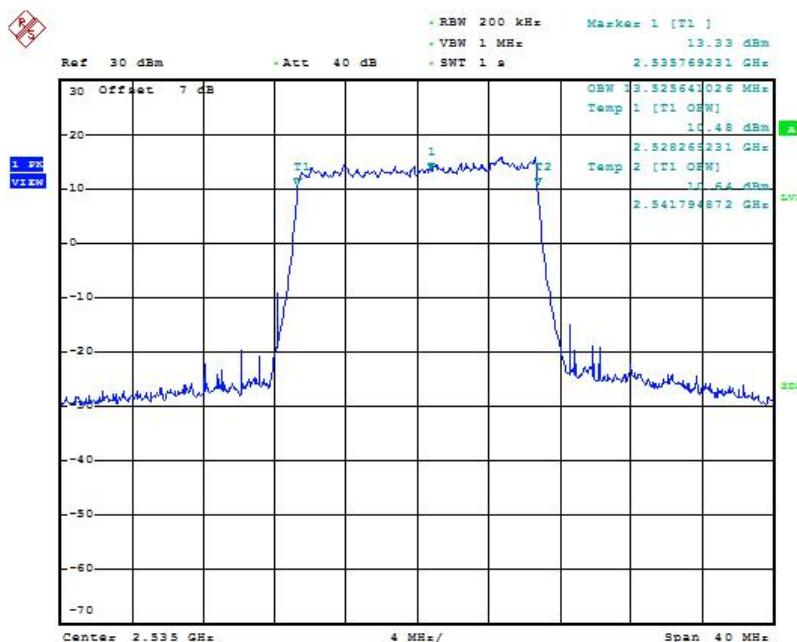
Date: 11.JUL.2018 16:31:06

LTE band 7, 10MHz Bandwidth, 16QAM (99% BW)


Date: 11.JUL.2018 16:31:50

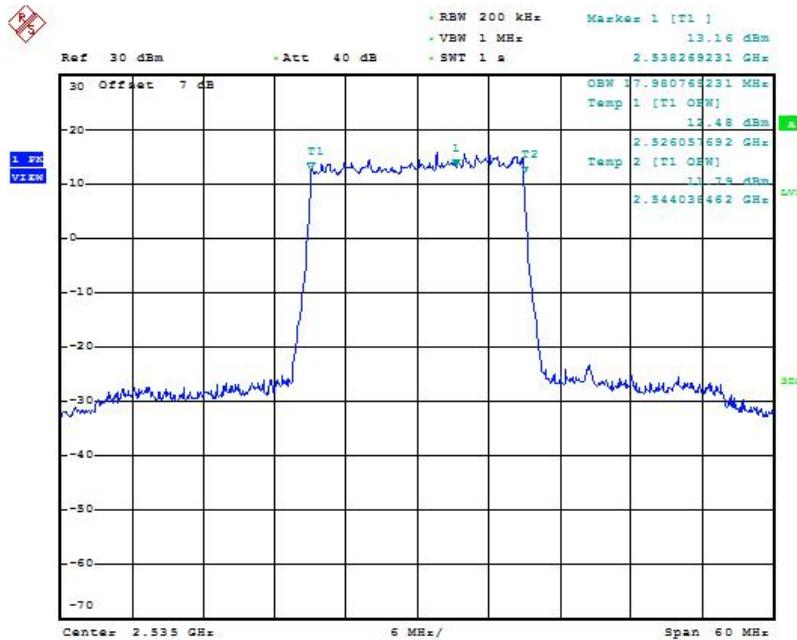
LTE band 7, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535.0	13.526	13.526

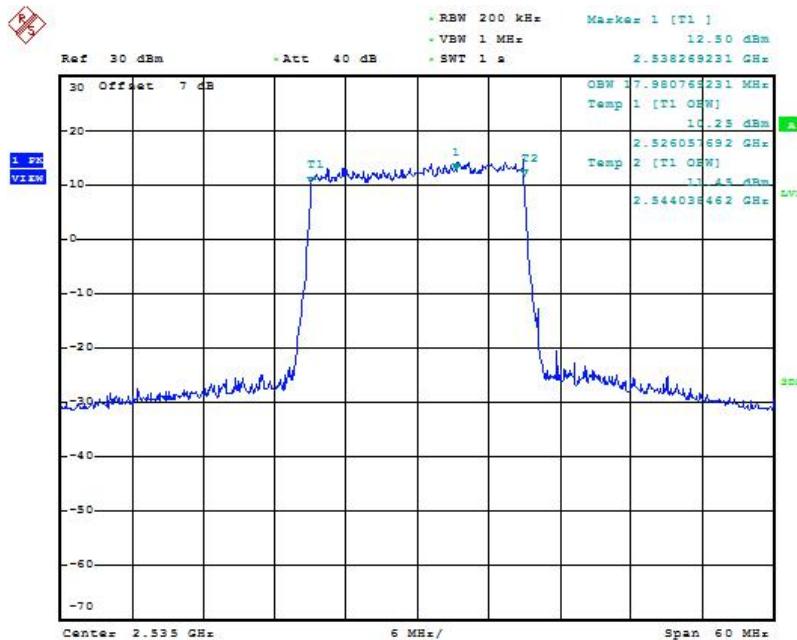
LTE band 7, 15MHz Bandwidth, QPSK (99% BW)

LTE band 7, 15MHz Bandwidth, 16QAM (99% BW)


LTE band 7, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535.0	17.981	17.981

LTE band 7, 20MHz Bandwidth, QPSK (99% BW)


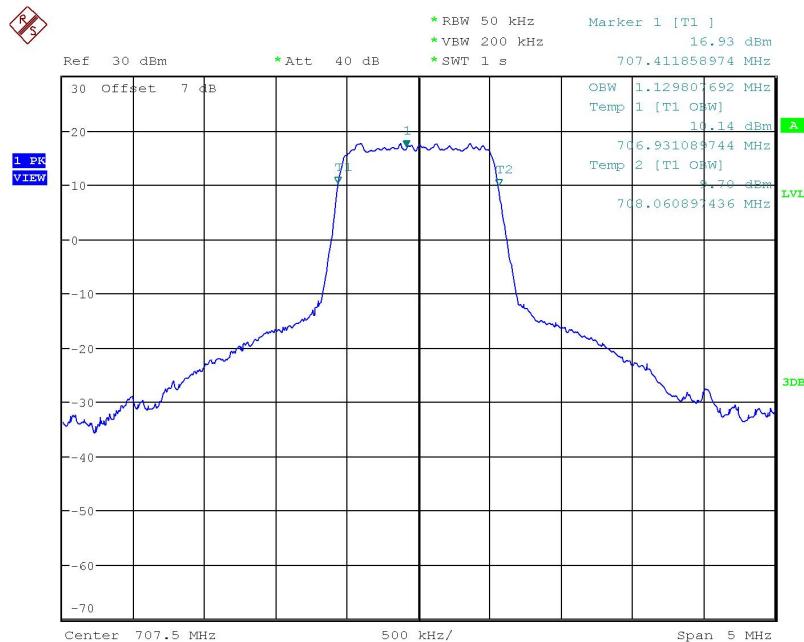
Date: 11.JUL.2018 16:34:34

LTE band 7, 20MHz Bandwidth, 16QAM (99% BW)


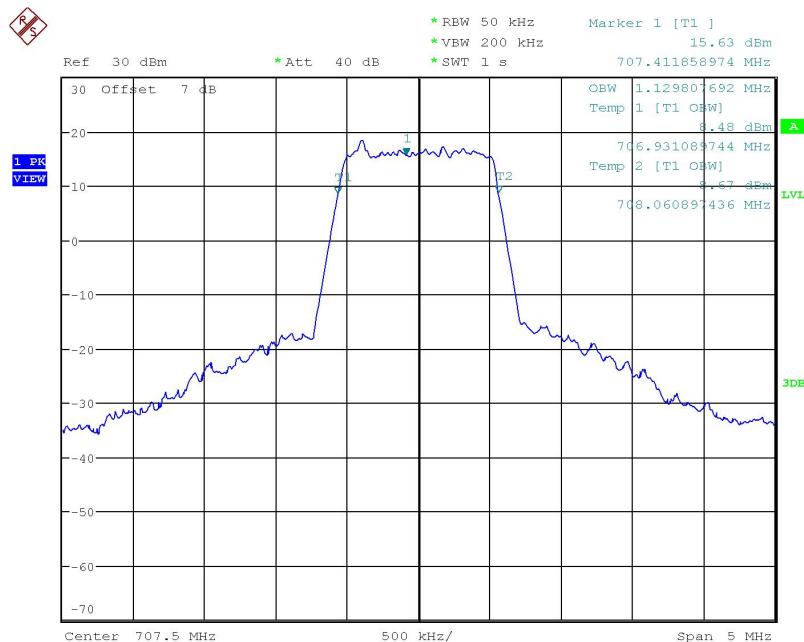
Date: 11.JUL.2018 16:35:18

LTE band 12, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
707.5	QPSK	16QAM
	1.13	1.13

LTE band 12, 1.4MHz Bandwidth, QPSK (99% BW)


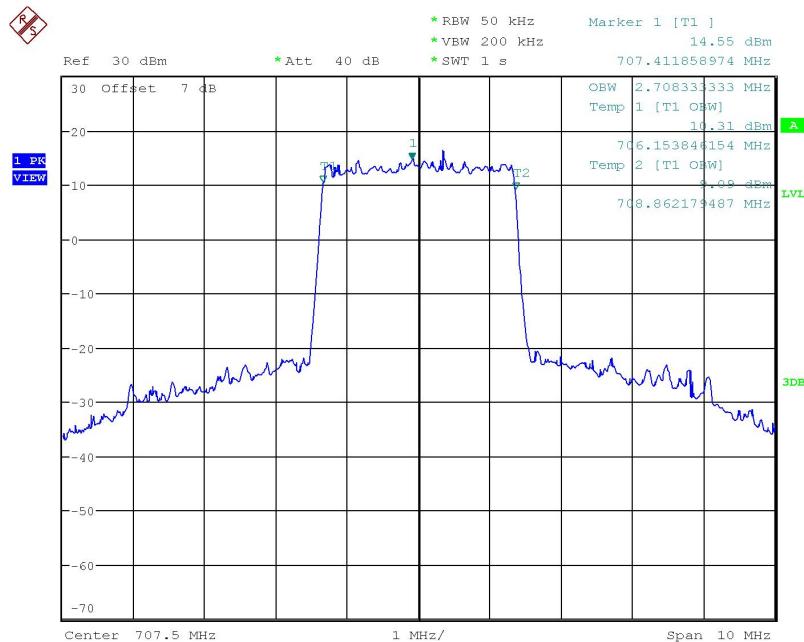
Date: 5.JUL.2018 17:00:36

LTE band 12, 1.4MHz Bandwidth, 16QAM (99% BW)


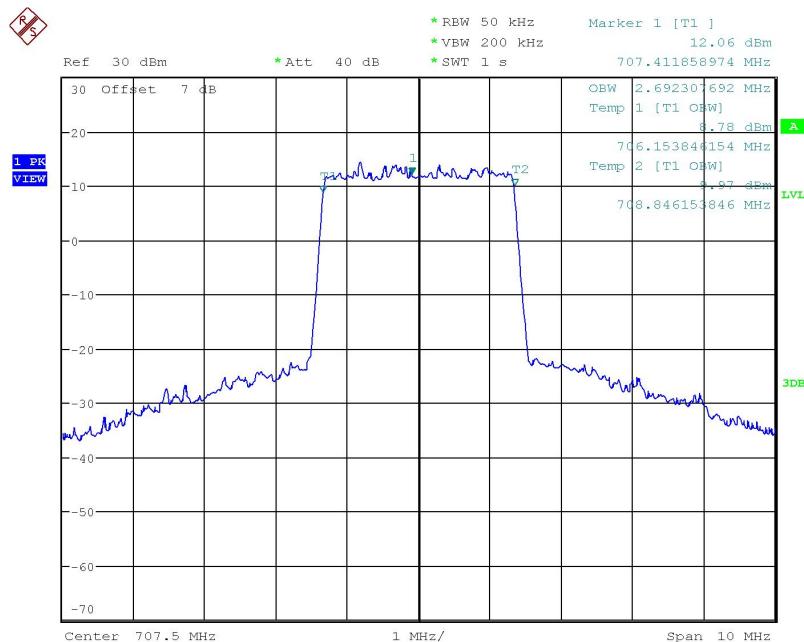
Date: 5.JUL.2018 17:01:22

LTE band 12, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
707.5	QPSK	16QAM
	2.708	2.692

LTE band 12, 3MHz Bandwidth, QPSK (99% BW)


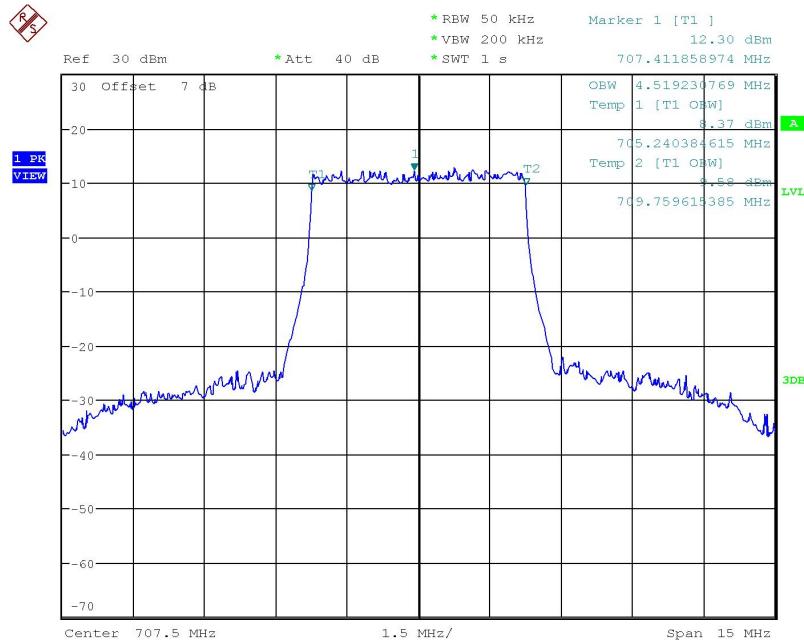
Date: 5.JUL.2018 17:02:17

LTE band 12, 3MHz Bandwidth, 16QAM (99% BW)


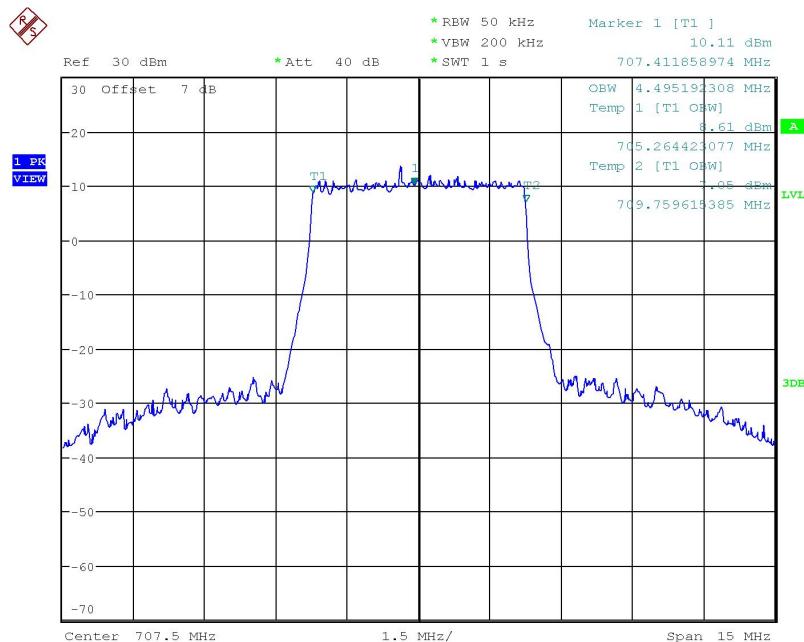
Date: 5.JUL.2018 17:03:03

LTE band 12, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
707.5	QPSK	16QAM
	4.519	4.495

LTE band 12, 5MHz Bandwidth, QPSK (99% BW)


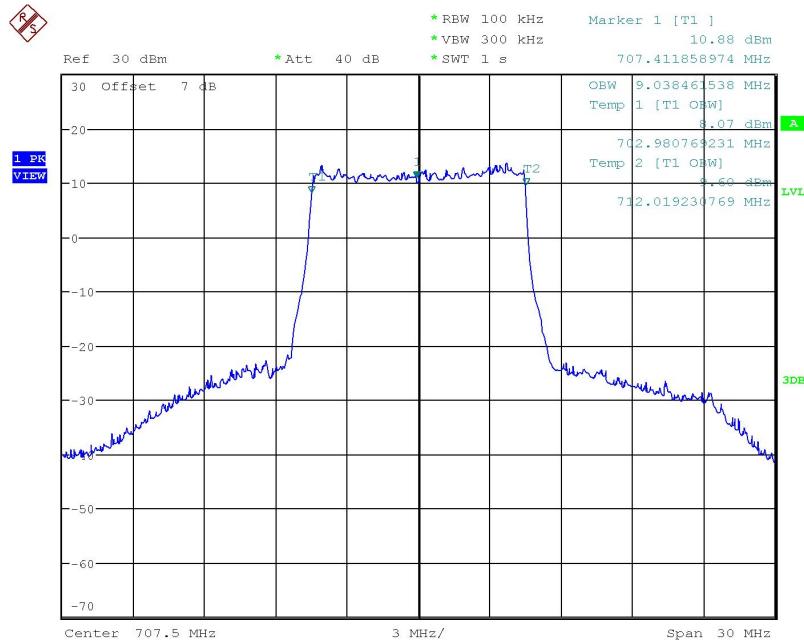
Date: 5.JUL.2018 17:03:59

LTE band 12, 5MHz Bandwidth,16QAM (99% BW)


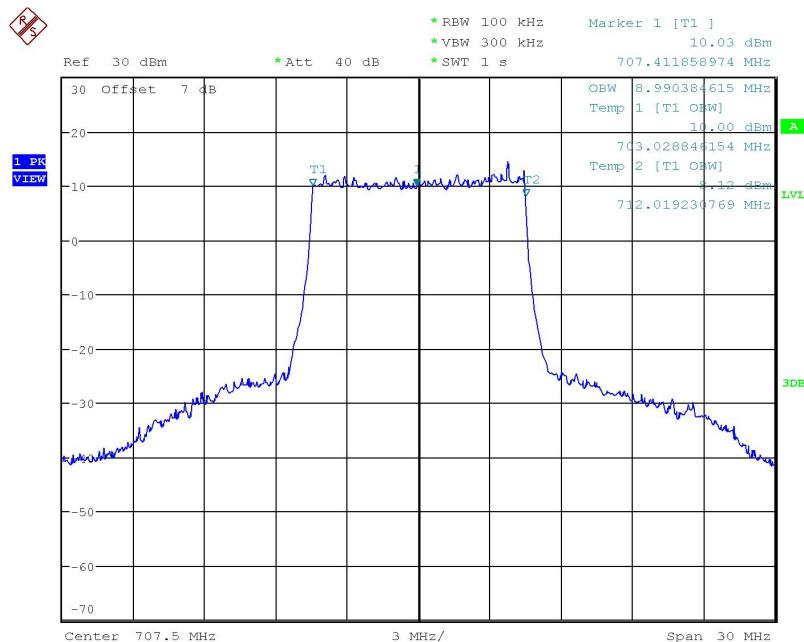
Date: 5.JUL.2018 17:04:45

LTE band 12, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
707.5	QPSK	16QAM
	9.038	8.99

LTE band 12, 10MHz Bandwidth, QPSK (99% BW)


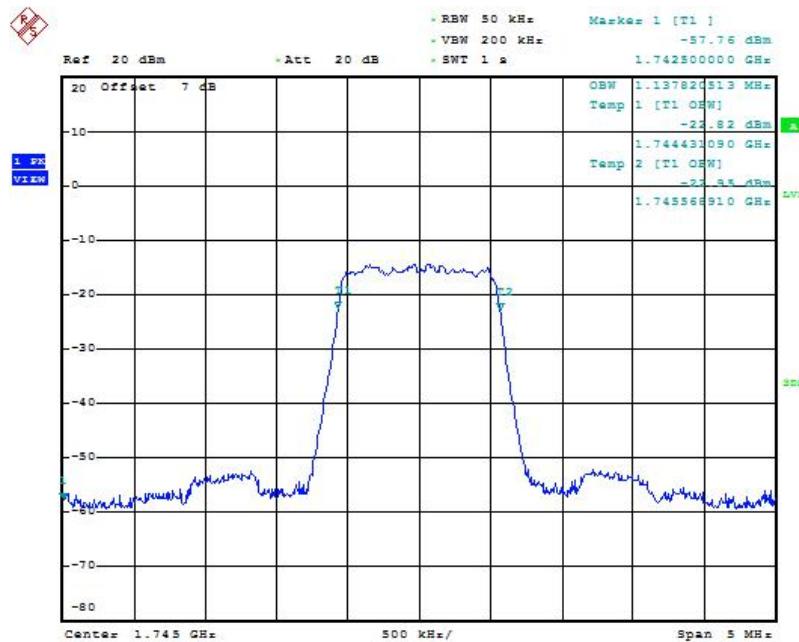
Date: 5.JUL.2018 17:05:39

LTE band 12, 10MHz Bandwidth, 16QAM (99% BW)


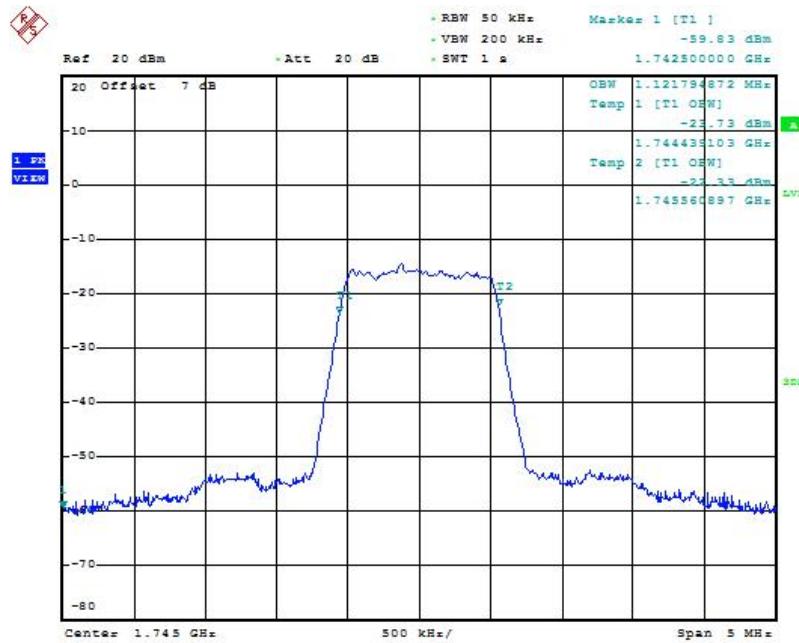
Date: 5.JUL.2018 17:06:25

LTE band 66, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
1745.0	QPSK	16QAM
	1.138	1.122

LTE band 66, 1.4MHz Bandwidth, QPSK (99% BW)


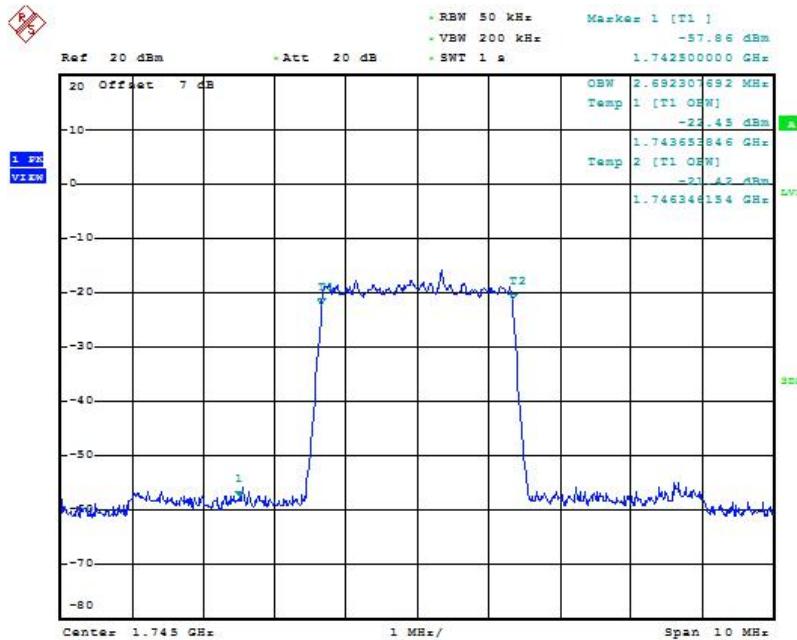
Date: 4.SEP.2018 15:15:49

LTE band 66, 1.4MHz Bandwidth,16QAM (99% BW)


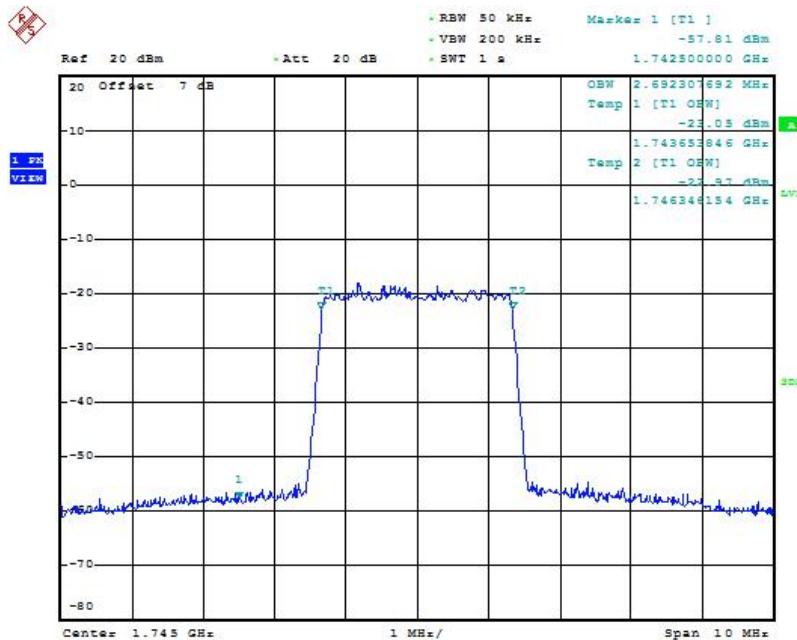
Date: 4.SEP.2018 15:16:32

LTE band 66, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
1745.0	QPSK	16QAM
	2.692	2.692

LTE band 66, 3MHz Bandwidth, QPSK (99% BW)


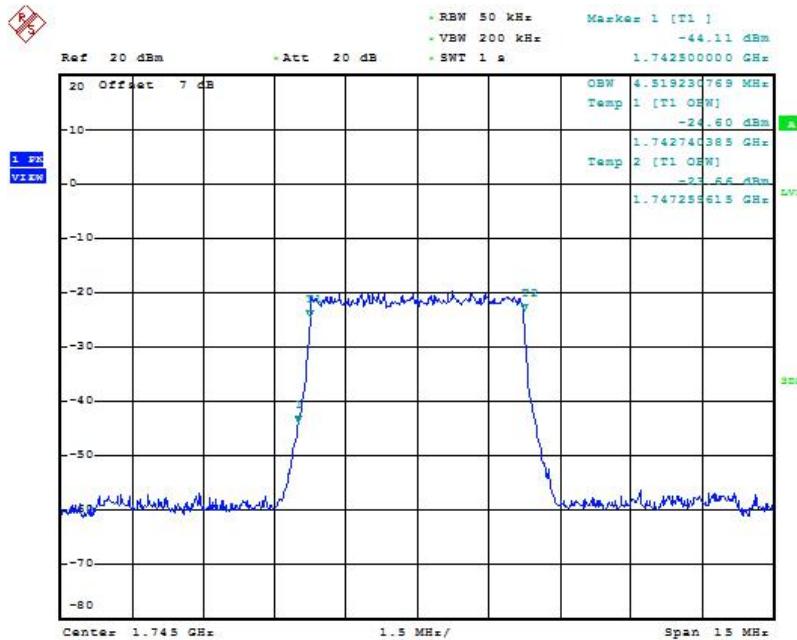
Date: 4.SEP.2018 15:17:25

LTE band 66, 3MHz Bandwidth,16QAM (99% BW)


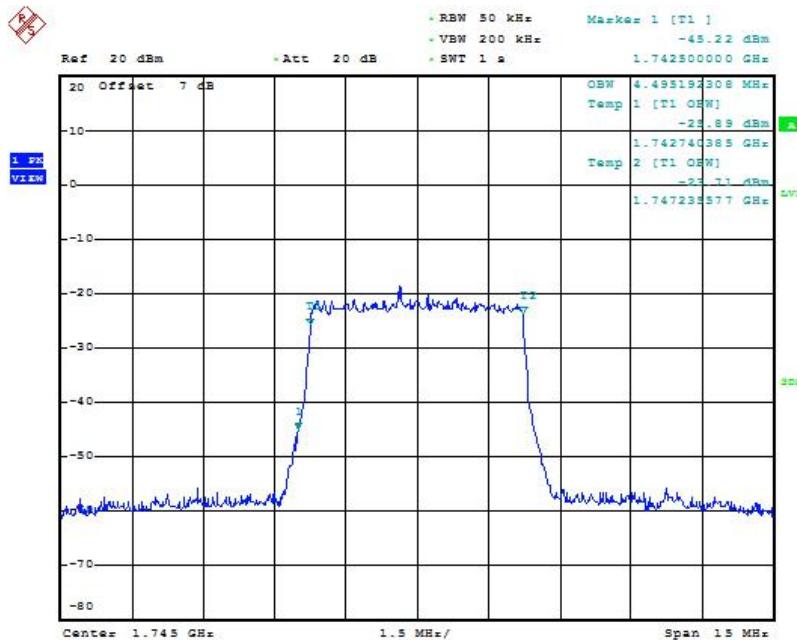
Date: 4.SEP.2018 15:18:08

LTE band 66, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
1745.0	QPSK	16QAM
	4.519	4.495

LTE band 66, 5MHz Bandwidth, QPSK (99% BW)


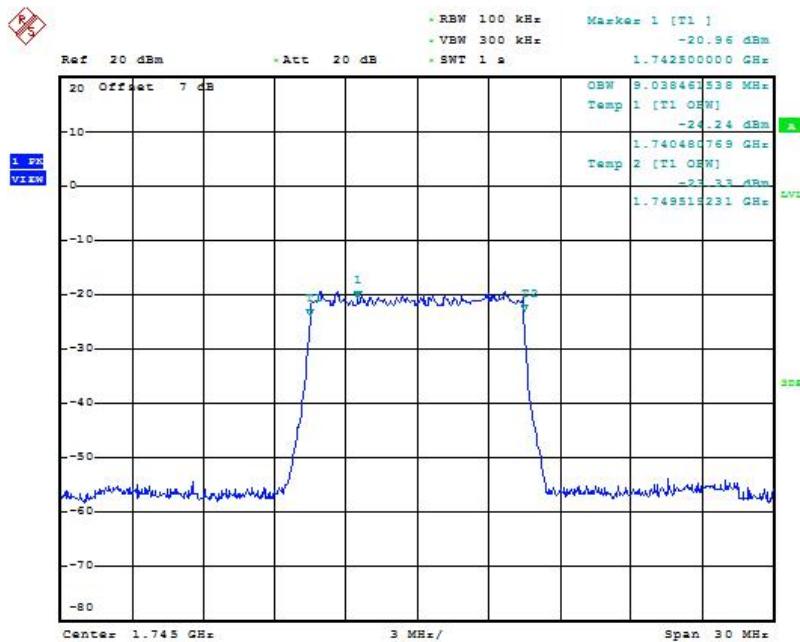
Date: 4.SEP.2018 15:19:00

LTE band 66, 5MHz Bandwidth,16QAM (99% BW)


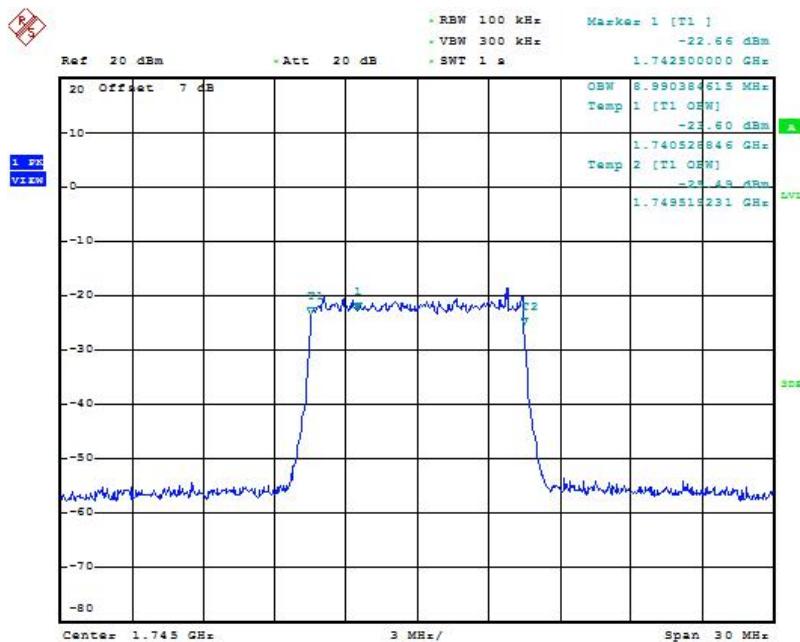
Date: 4.SEP.2018 15:19:44

LTE band 66, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745.0	9.038	8.99

LTE band 66, 10MHz Bandwidth, QPSK (99% BW)


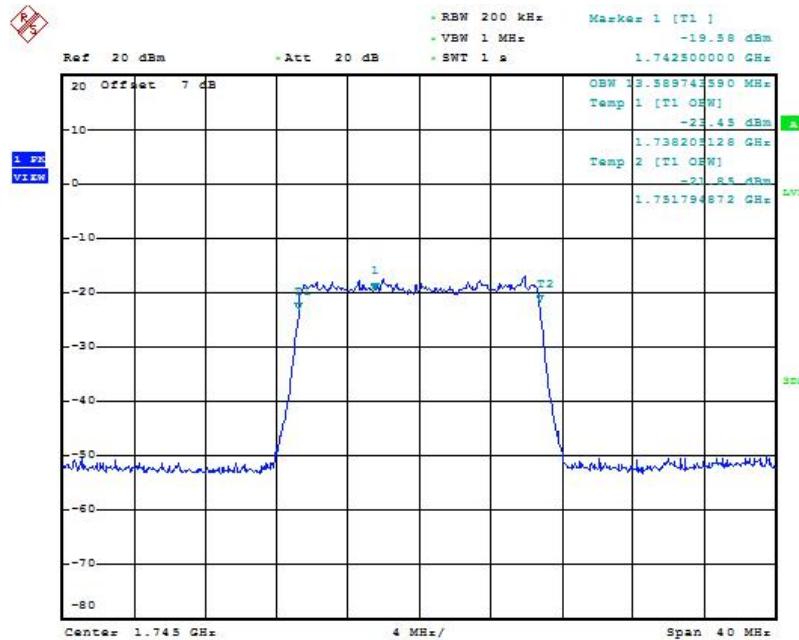
Date: 4.SEP.2018 15:20:35

LTE band 66, 10MHz Bandwidth,16QAM (99% BW)


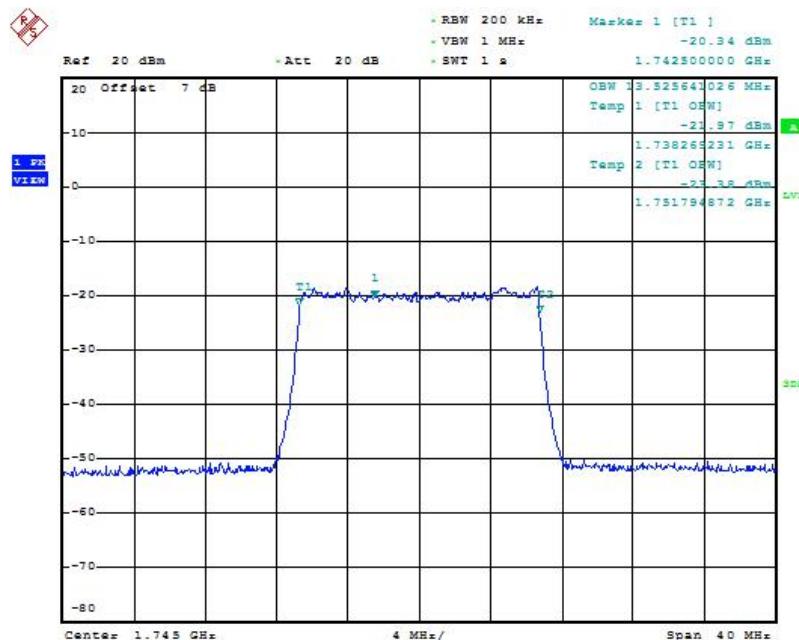
Date: 4.SEP.2018 15:21:18

LTE band 66, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
1745.0	QPSK	16QAM
	13.59	13.526

LTE band 66, 15MHz Bandwidth, QPSK (99% BW)


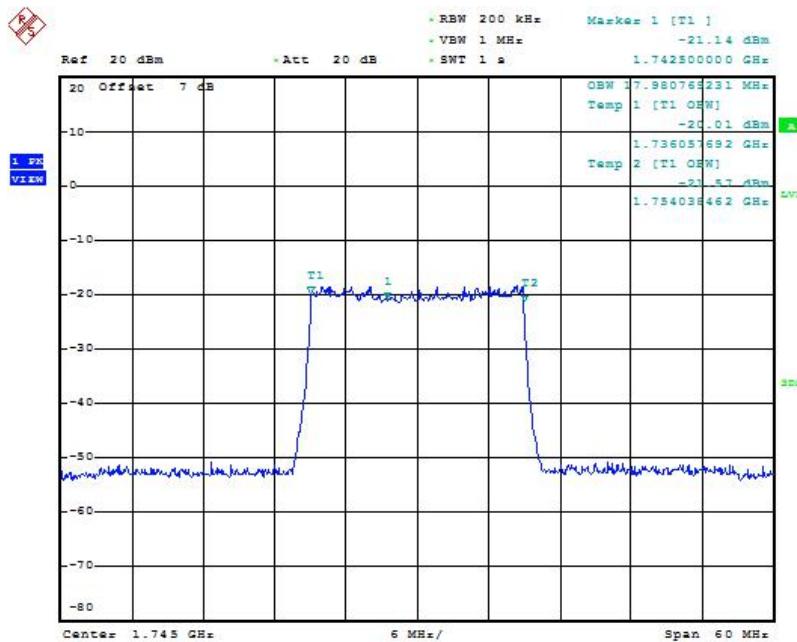
Date: 4.SEP.2018 15:22:10

LTE band 66, 15MHz Bandwidth,16QAM (99% BW)


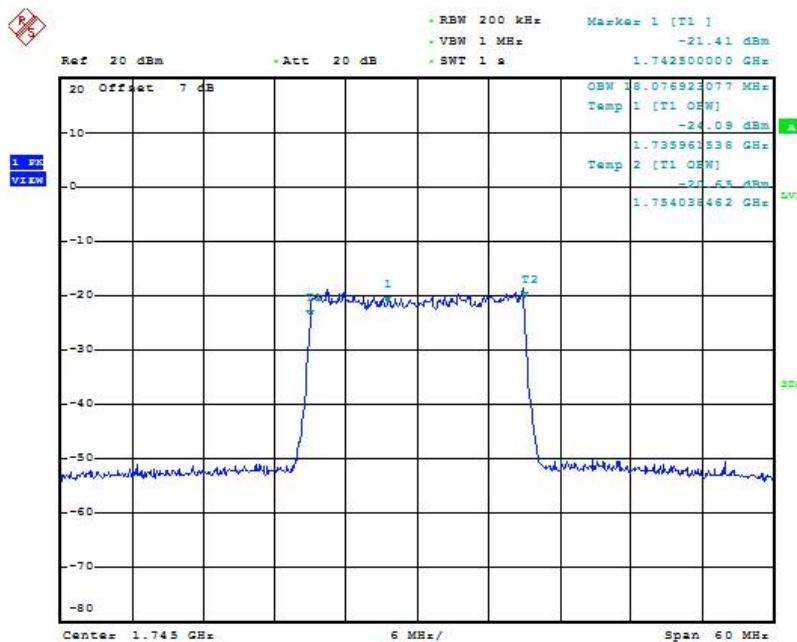
Date: 4.SEP.2018 15:22:54

LTE band 66, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745.0	17.981	18.077

LTE band 66, 20MHz Bandwidth, QPSK (99% BW)


Date: 4.SEP.2018 15:23:46

LTE band 66, 20MHz Bandwidth,16QAM (99% BW)


Date: 4.SEP.2018 15:24:30

ANNEX A.5. EMISSION BANDWIDTH

Reference

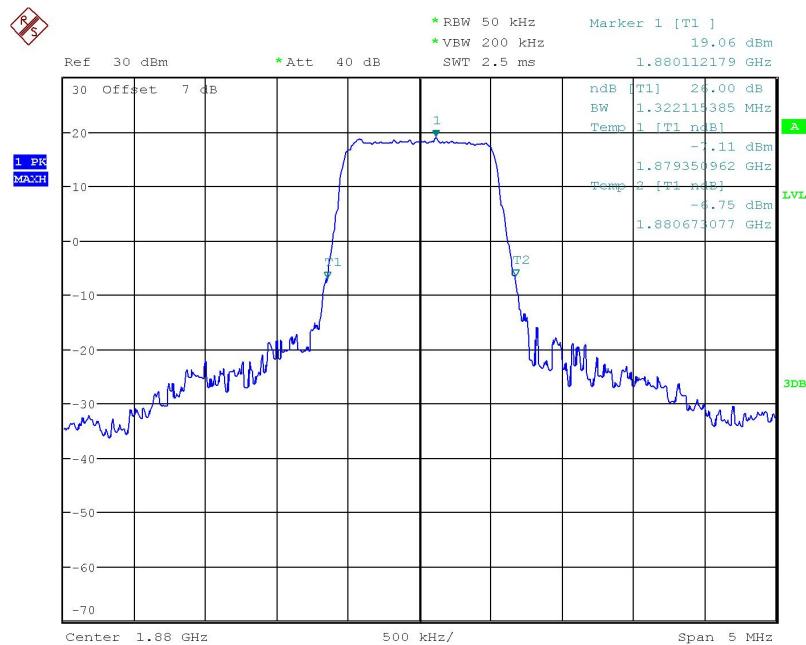
FCC: CFR Part 22.917(b),24.238(a), 27.53(g),27.53(h), 27.53(m)

A.5.1 Emission Bandwidth Results

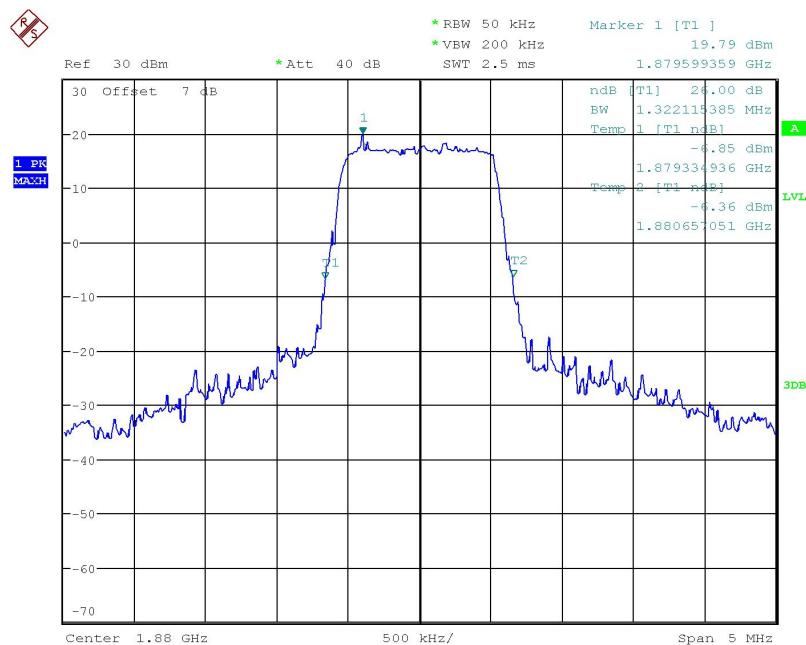
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following pages.

LTE band 2, 1.4MHz (-26dBc)

Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880.0	1.32	1.32

LTE band 2, 1.4MHz Bandwidth, QPSK (-26dBc BW)


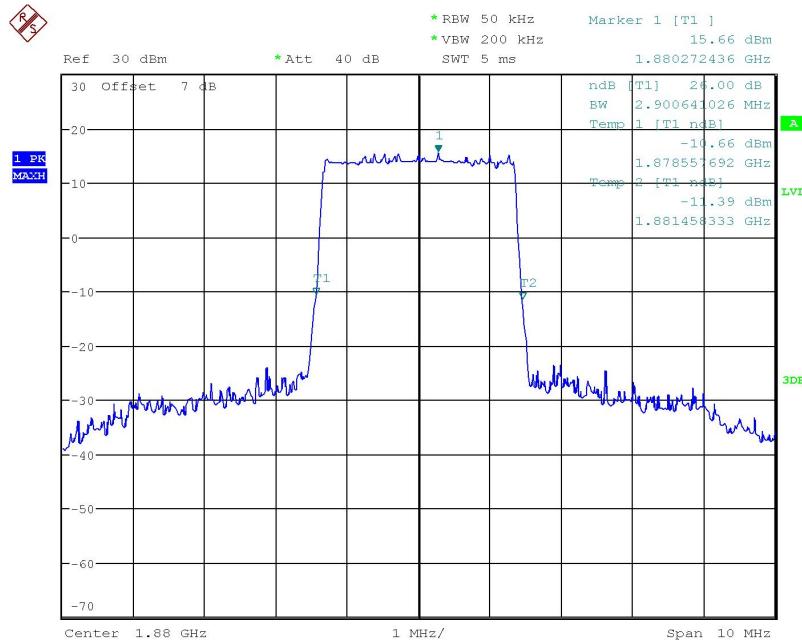
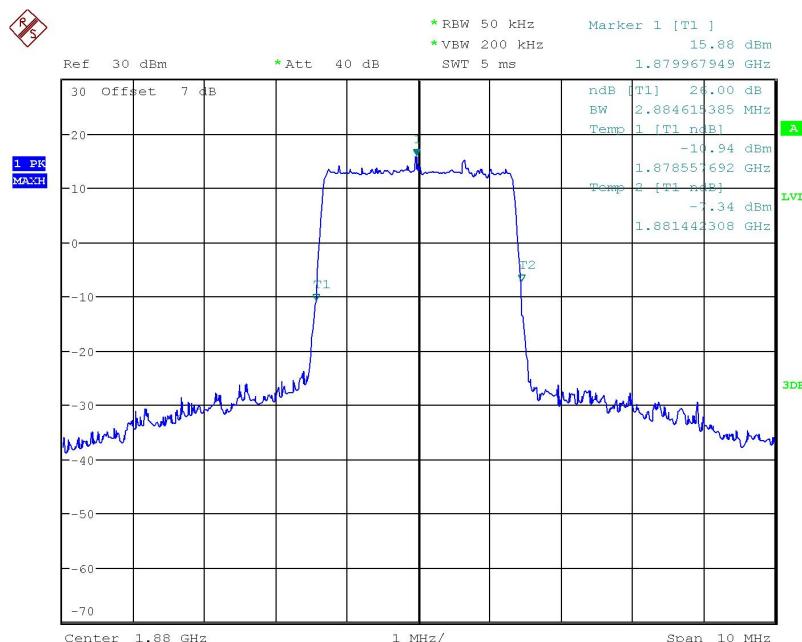
Date: 8.JUN.2018 11:24:37

LTE band 2, 1.4MHz Bandwidth, 16QAM (-26dBc BW)


Date: 8.JUN.2018 11:24:54

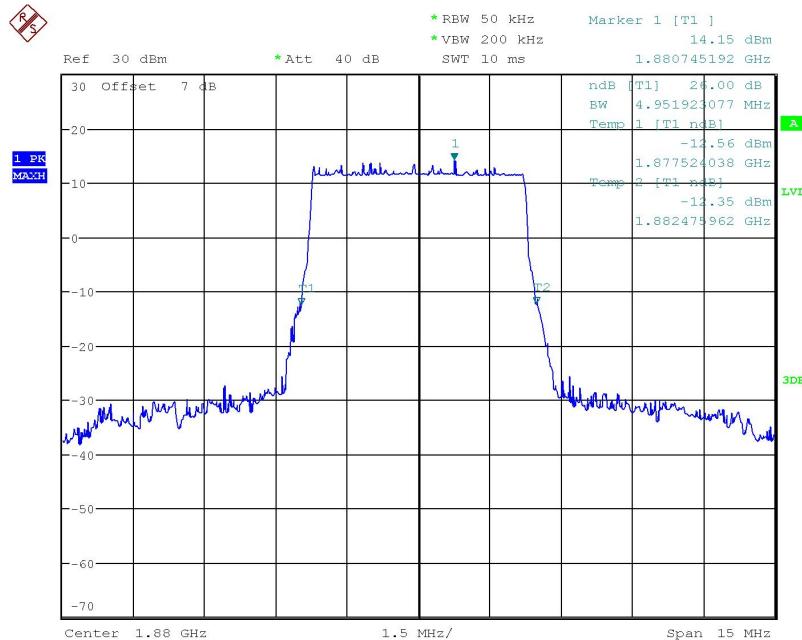
LTE band 2, 3MHz (-26dBc)

Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
1880.0	QPSK	16QAM
	2.90	2.88

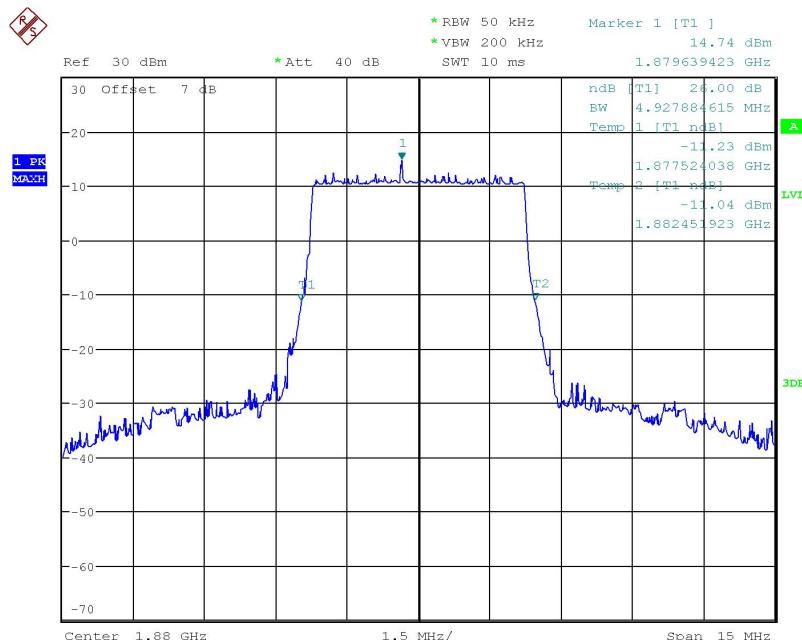
LTE band 2, 3MHz Bandwidth, QPSK (-26dBc BW)

LTE band 2, 3MHz Bandwidth, 16QAM (-26dBc BW)


LTE band 2, 5MHz (-26dBc)

Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
1880.0	QPSK	16QAM
	4.95	4.93

LTE band 2, 5MHz Bandwidth, QPSK (-26dBc BW)


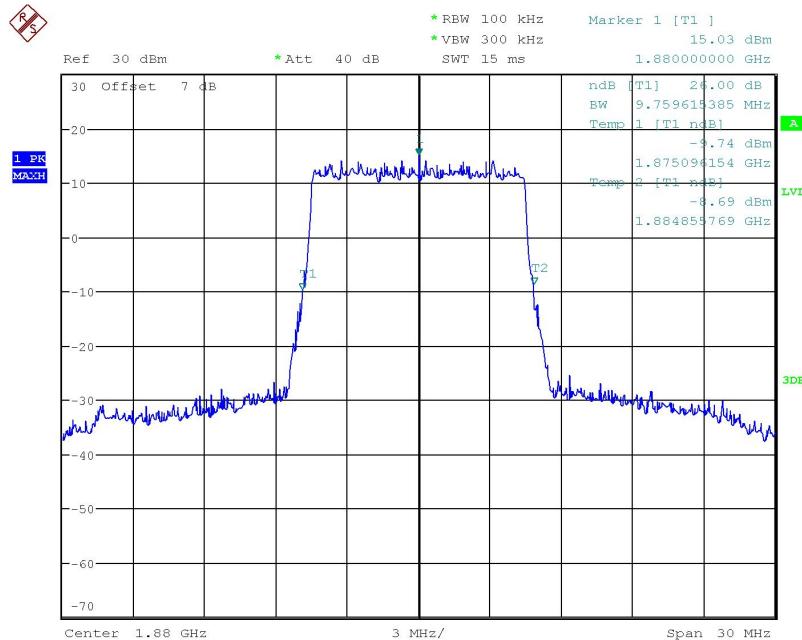
Date: 8.JUN.2018 13:03:49

LTE band 2, 5MHz Bandwidth,16QAM (-26dBc BW)


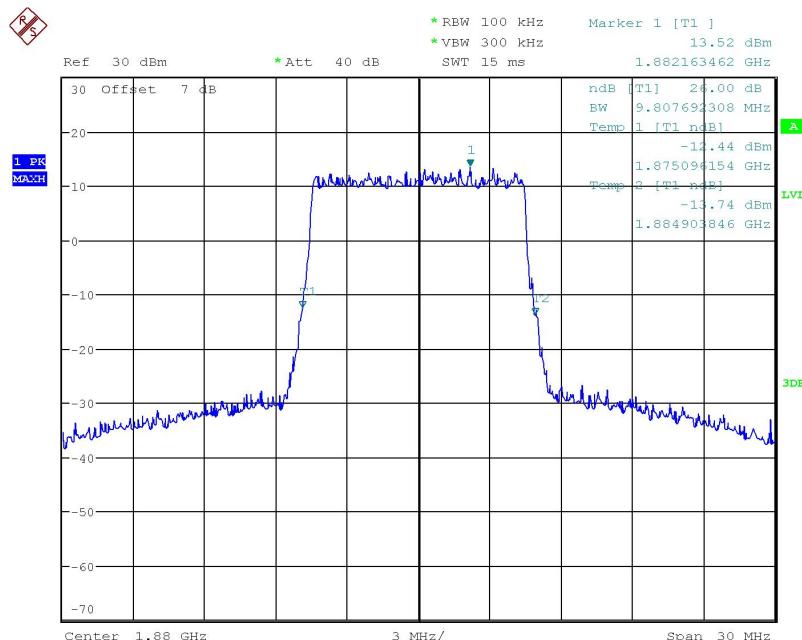
Date: 8.JUN.2018 13:04:08

LTE band 2, 10MHz (-26dBc)

Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
1880.0	QPSK	16QAM
	9.76	9.81

LTE band 2, 10MHz Bandwidth, QPSK (-26dBc BW)


Date: 8.JUN.2018 13:05:31

LTE band 2, 10MHz Bandwidth, 16QAM (-26dBc BW)


Date: 8.JUN.2018 13:05:47