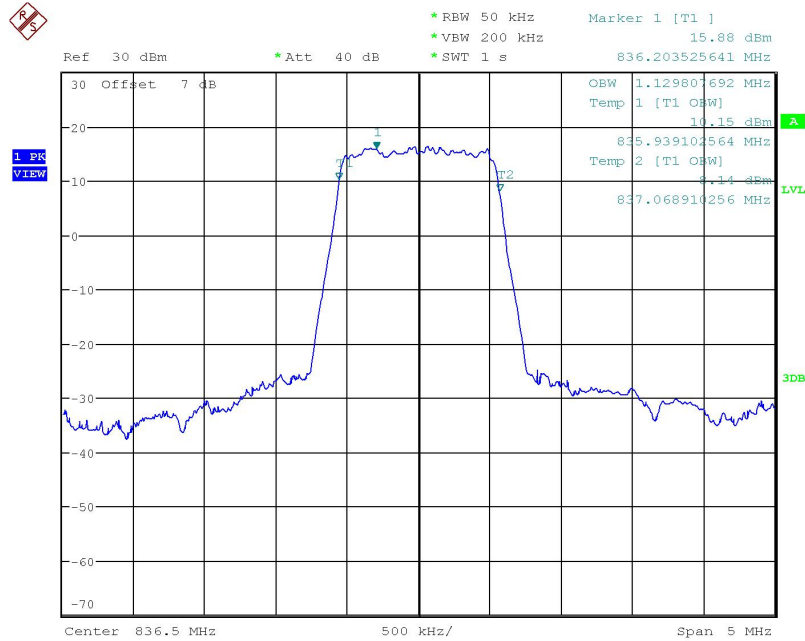


LTE band 5, 1.4MHz (99%)

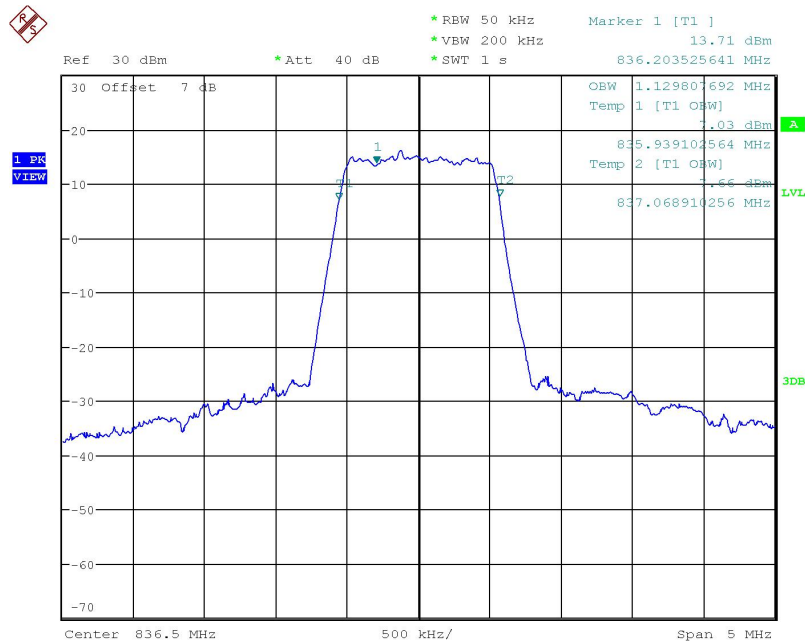
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	1.13	1.13

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)

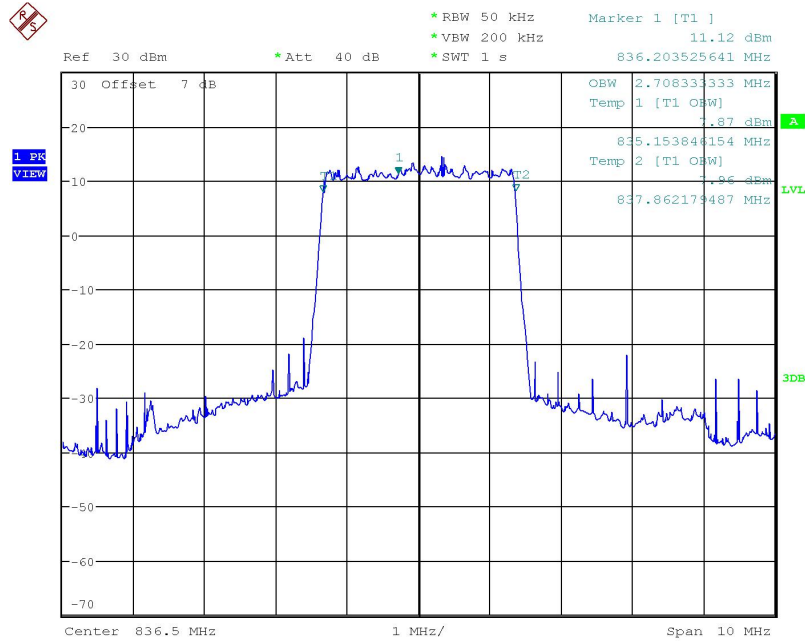


Date: 5.JUL.2018 16:52:59

LTE band 5, 3MHz (99%)

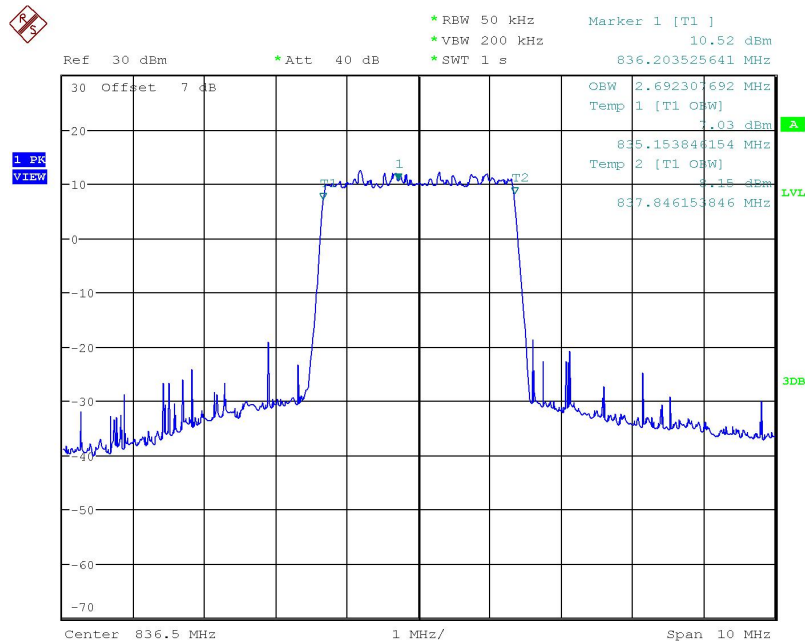
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	836.5	QPSK
2.708		2.692

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



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

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

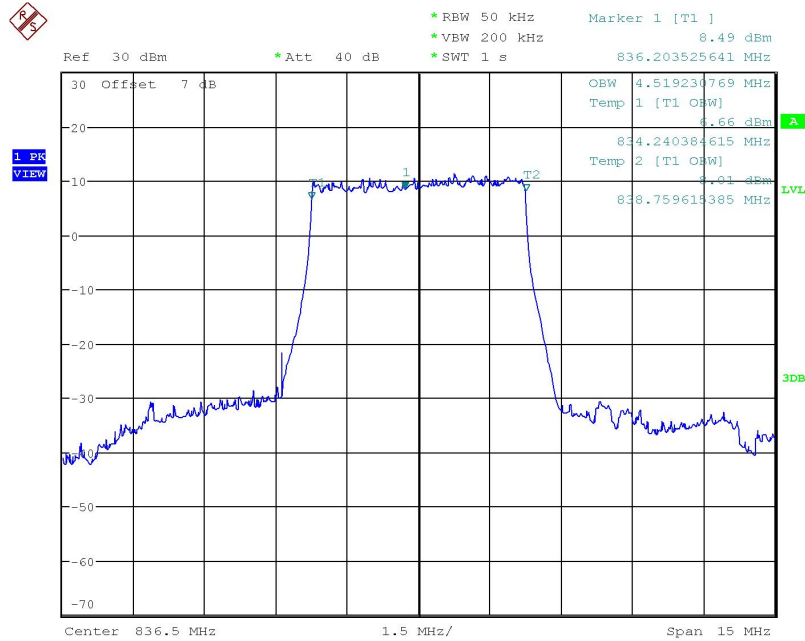


Date: 5.JUL.2018 16:54:40

LTE band 5, 5MHz (99%)

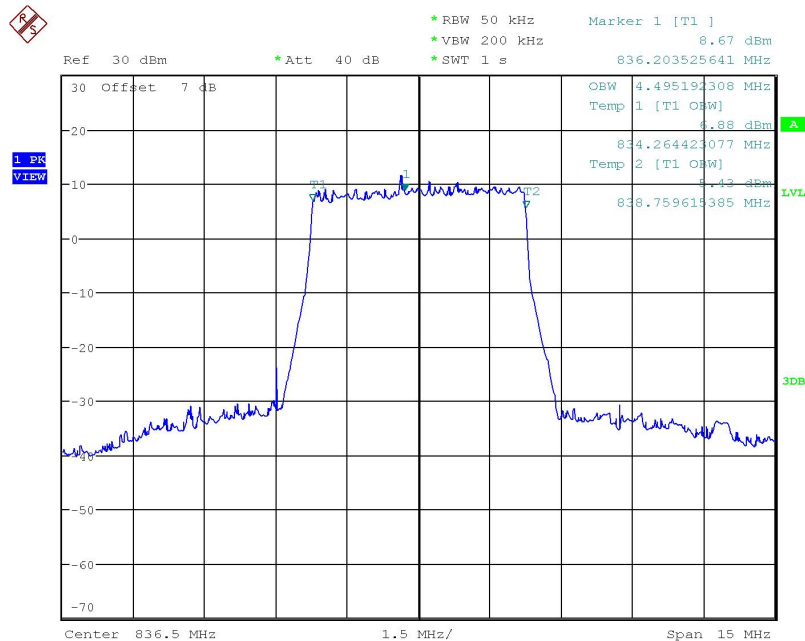
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	836.5	QPSK
	4.519	4.495

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



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

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

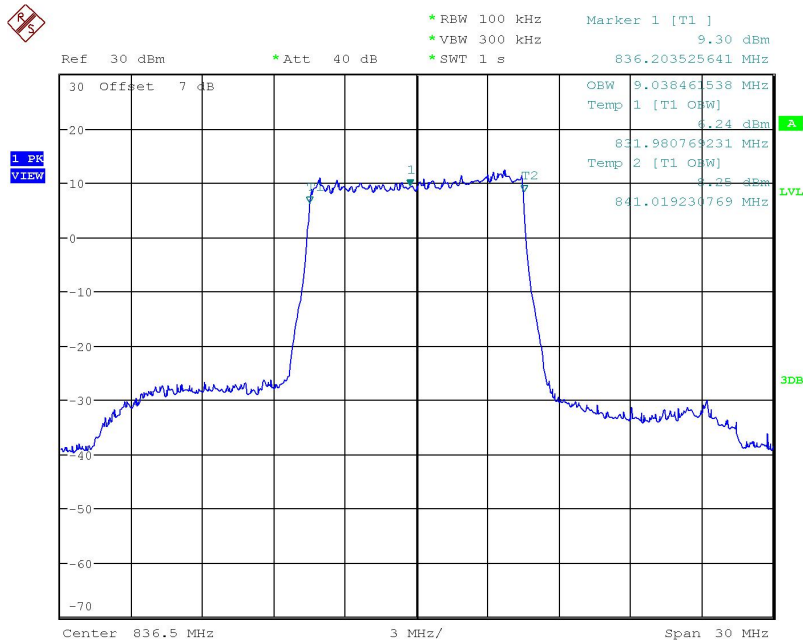


Date: 5.JUL.2018 16:56:21

LTE band 5, 10MHz (99%)

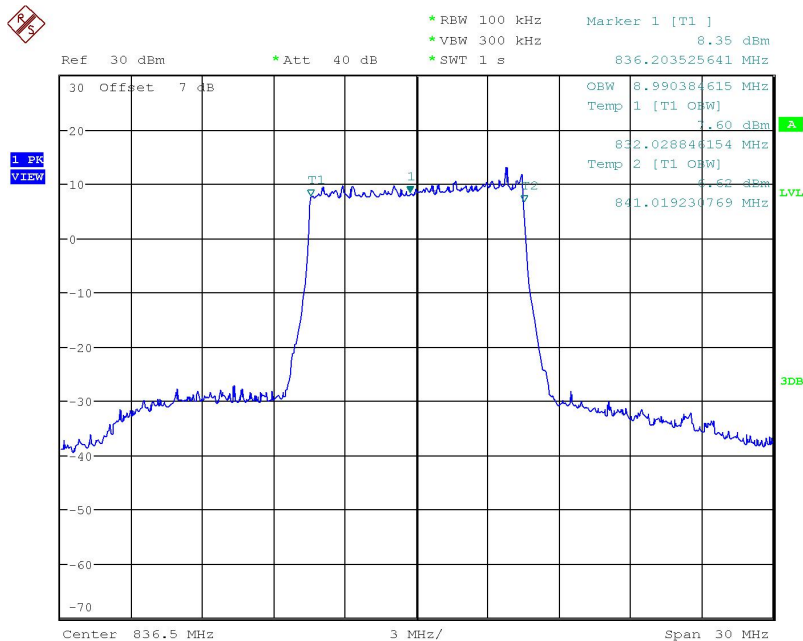
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	836.5	QPSK
9.038		8.99

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



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

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

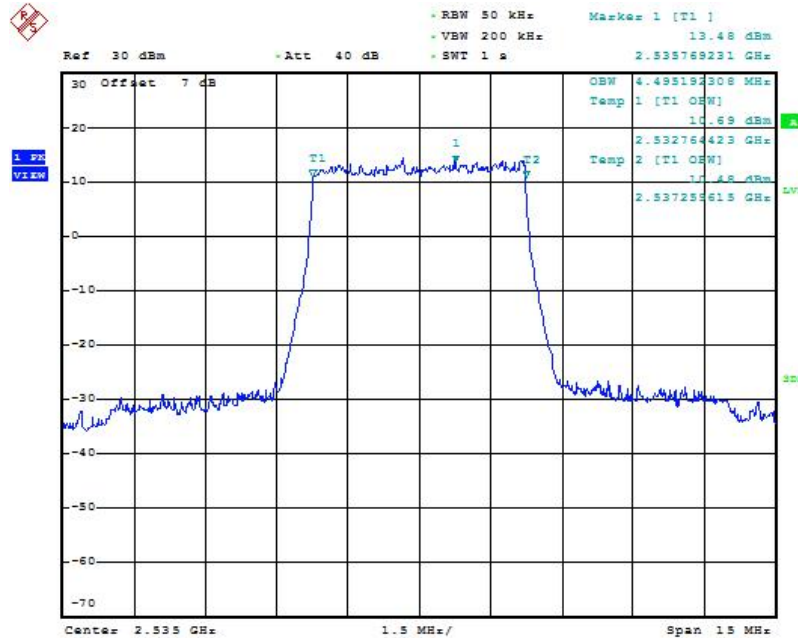


Date: 5.JUL.2018 16:58:00

LTE band 7, 5MHz (99%)

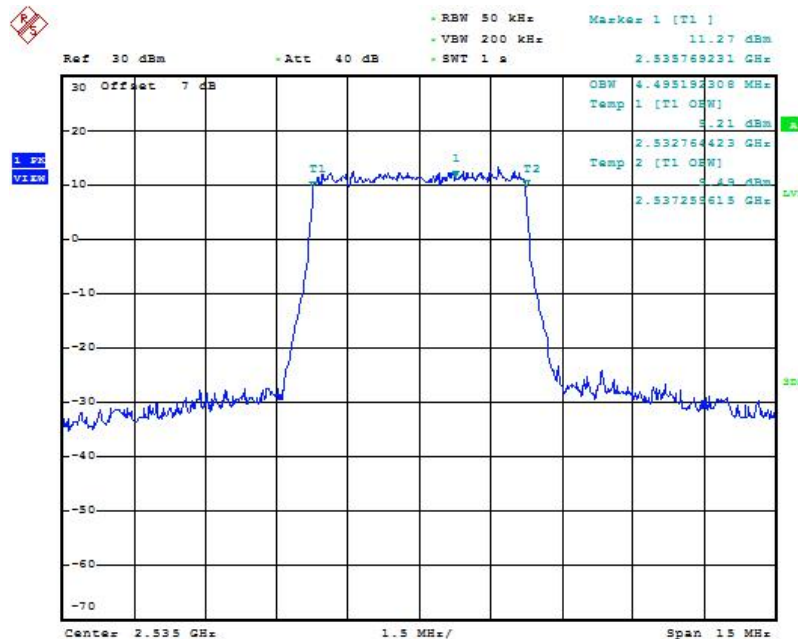
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	2535.0	QPSK
	4.495	4.495

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



Date: 11.JUL.2018 16:23:00

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

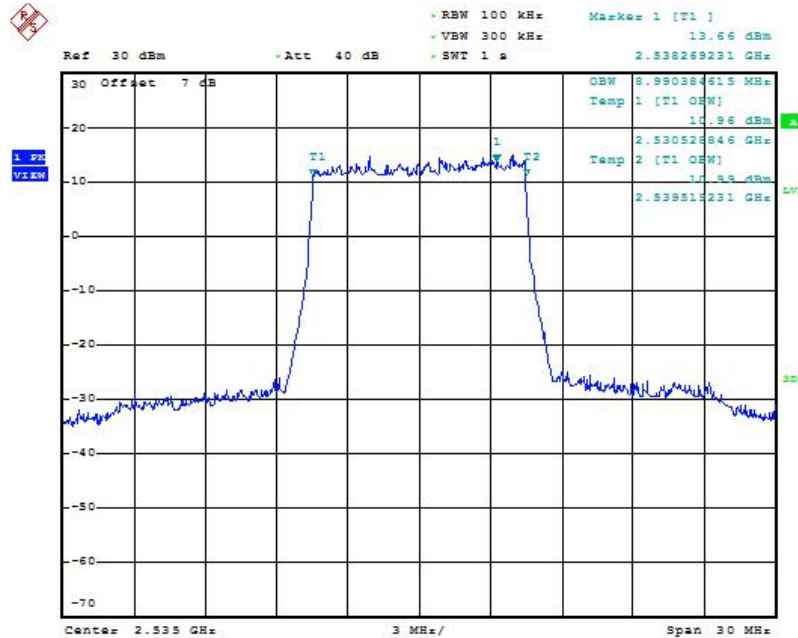


Date: 11.JUL.2018 16:23:44

LTE band 7, 10MHz (99%)

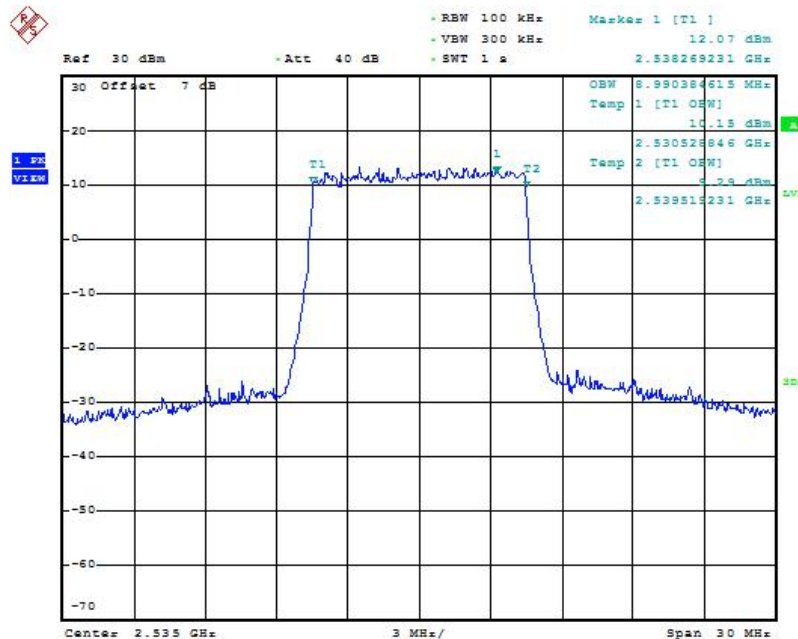
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	2535.0	QPSK
	8.99	8.99

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



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

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

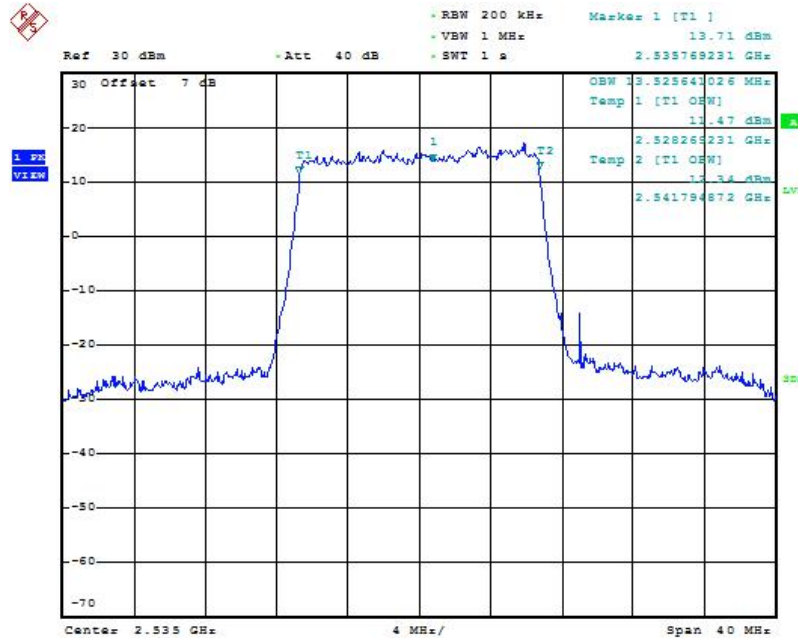


Date: 11.JUL.2018 16:31:50

LTE band 7, 15MHz (99%)

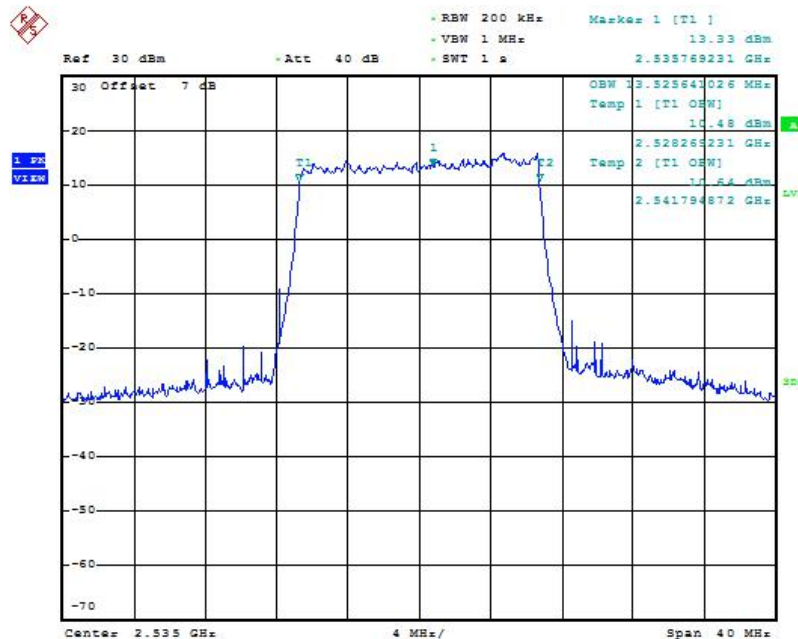
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	2535.0	QPSK
	13.526	13.526

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



Date: 11.JUL.2018 16:27:02

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

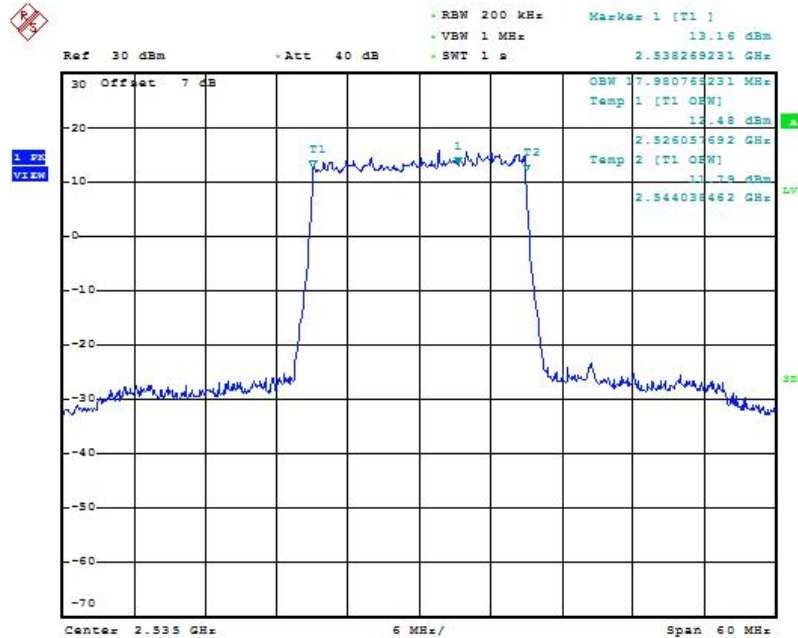


Date: 11.JUL.2018 16:27:46

LTE band 7, 20MHz (99%)

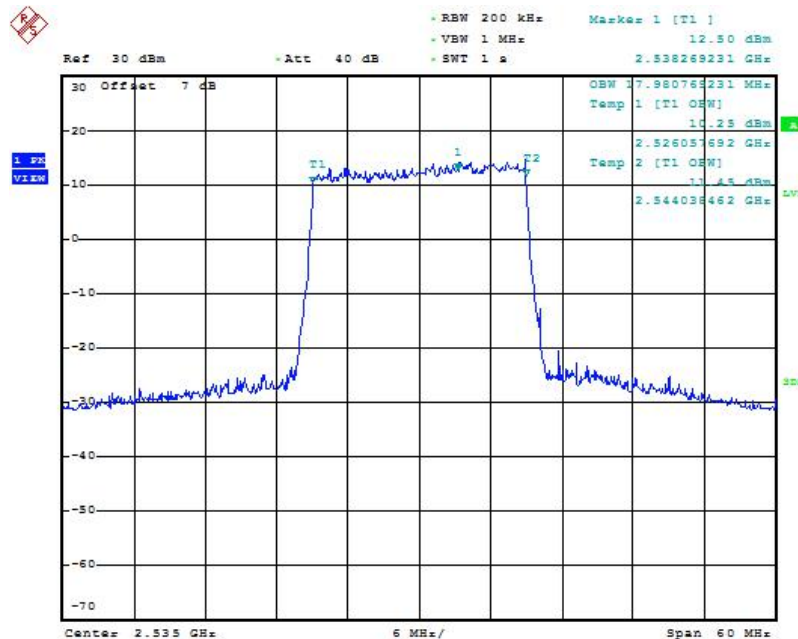
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	2535.0	QPSK
	17.981	17.981

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



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

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

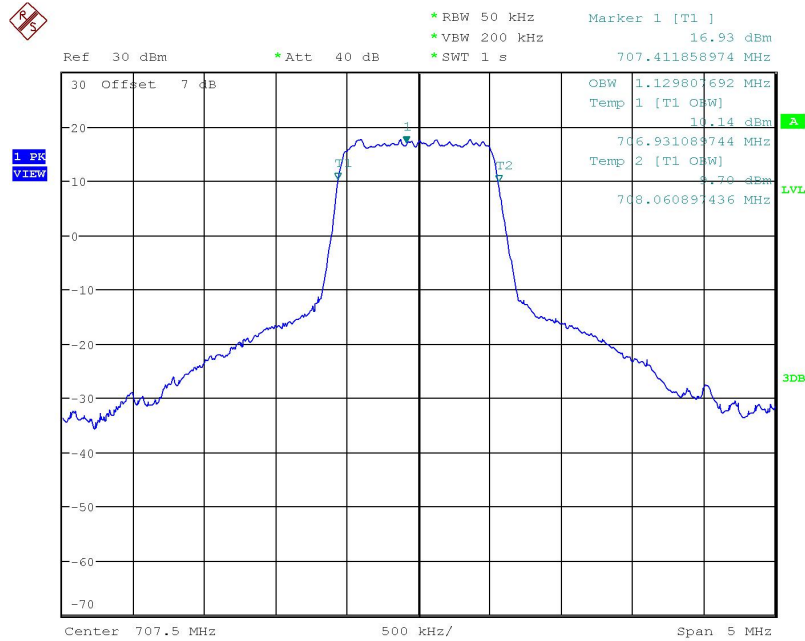


Date: 11.JUL.2018 16:35:18

LTE band 12, 1.4MHz (99%)

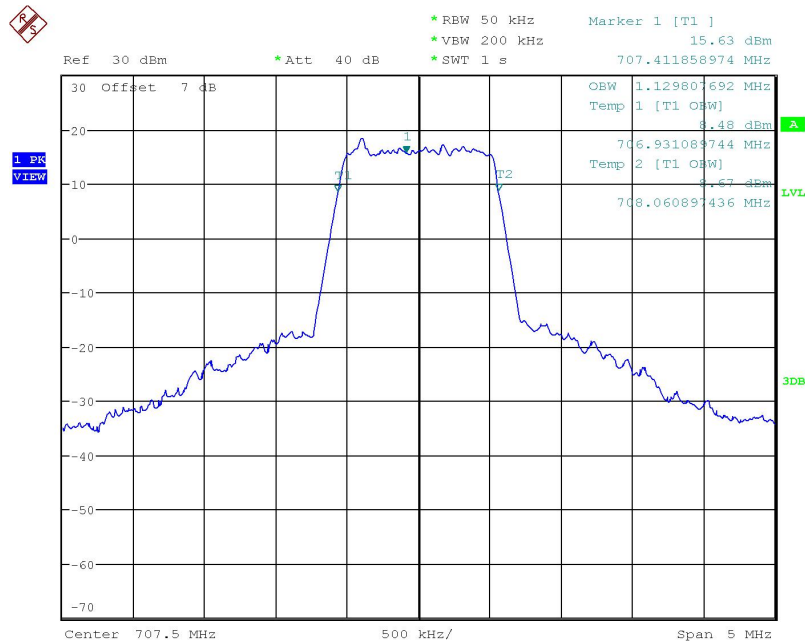
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	1.13	1.13

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)

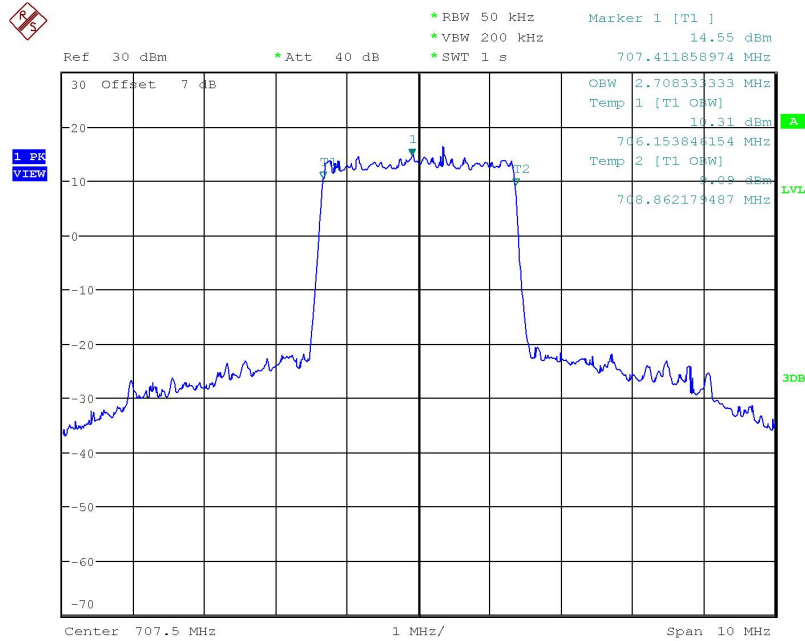


Date: 5.JUL.2018 17:01:22

LTE band 12, 3MHz (99%)

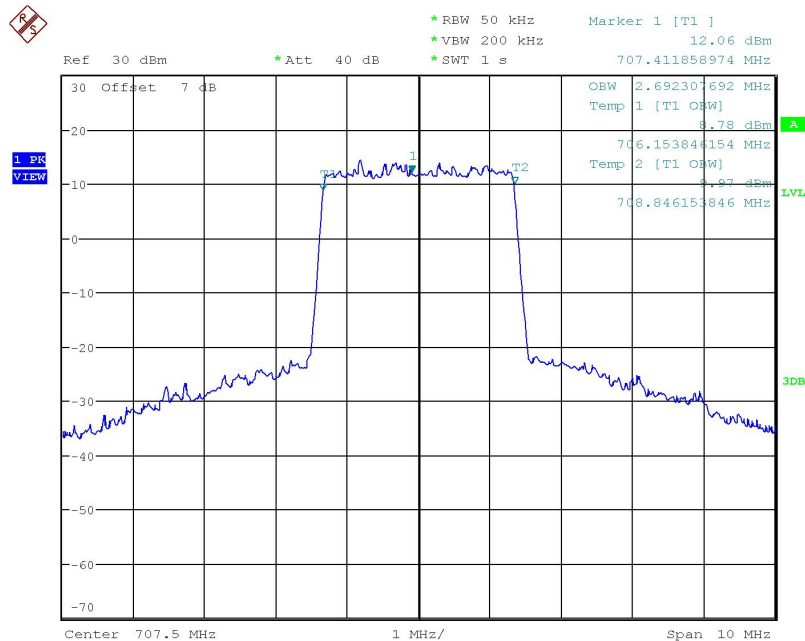
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	707.5	QPSK
	2.708	2.692

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



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

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

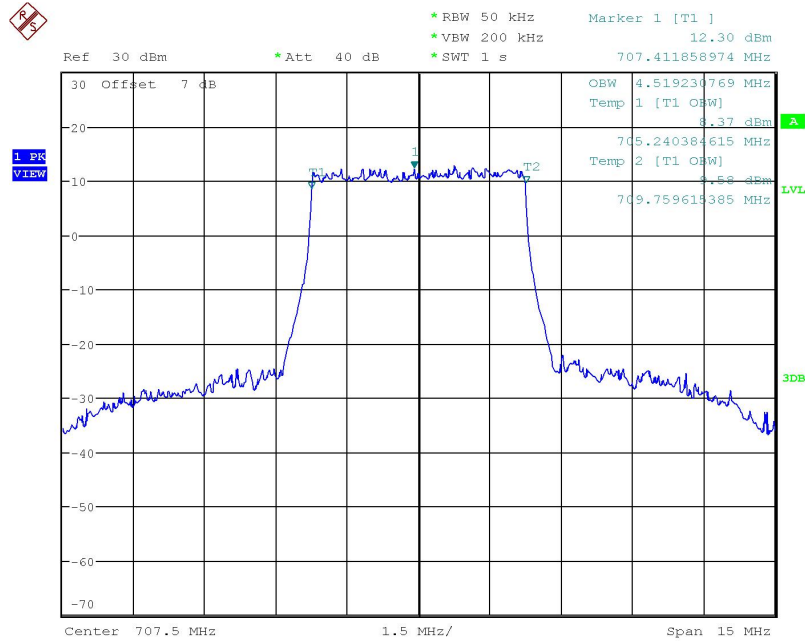


Date: 5.JUL.2018 17:03:03

LTE band 12, 5MHz (99%)

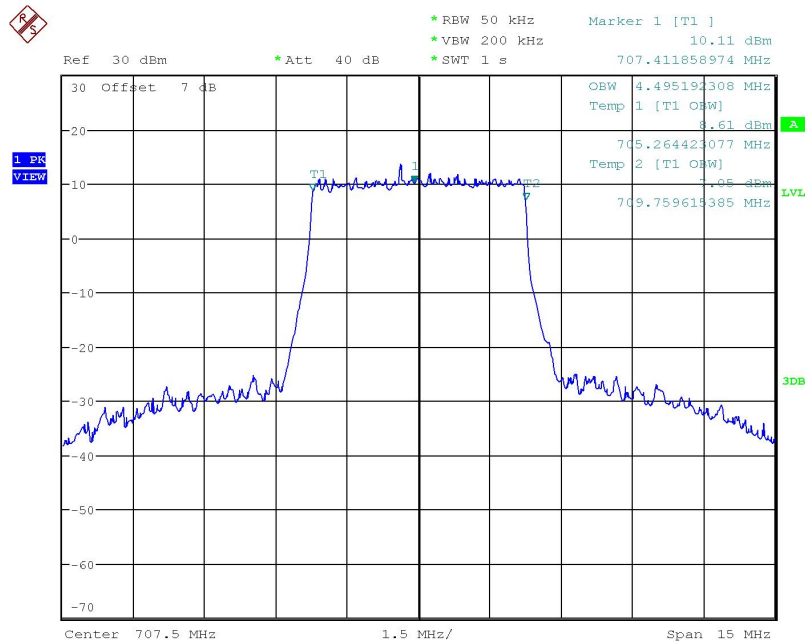
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	707.5	QPSK
	4.519	4.495

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



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

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

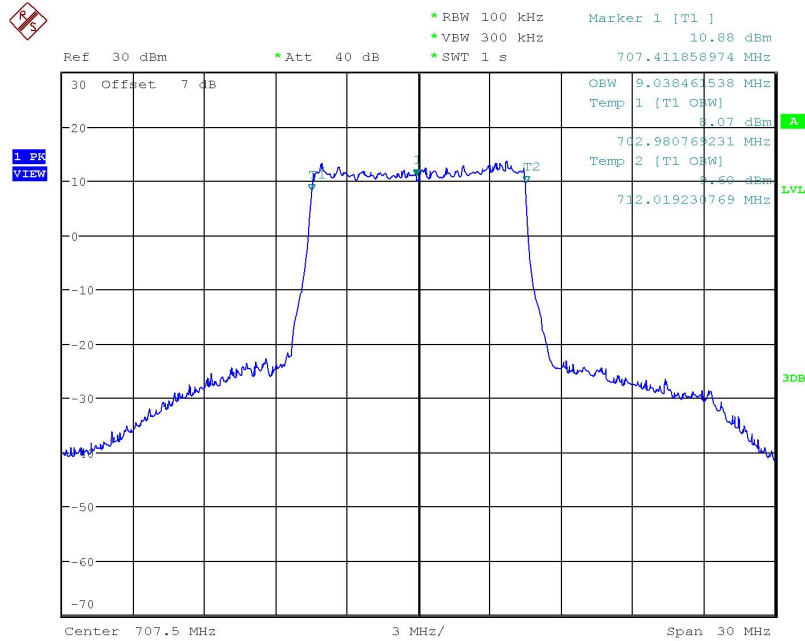


Date: 5.JUL.2018 17:04:45

LTE band 12, 10MHz (99%)

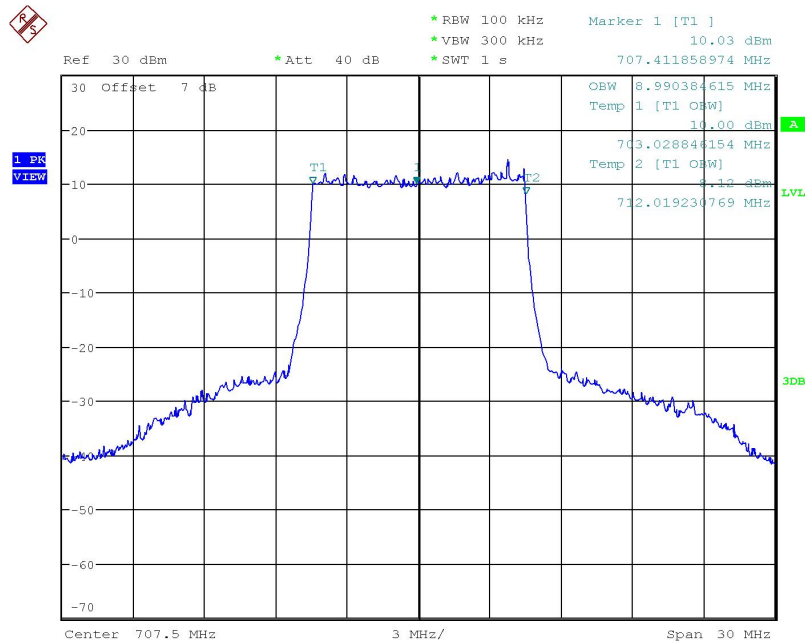
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	707.5	QPSK
	9.038	8.99

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



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

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

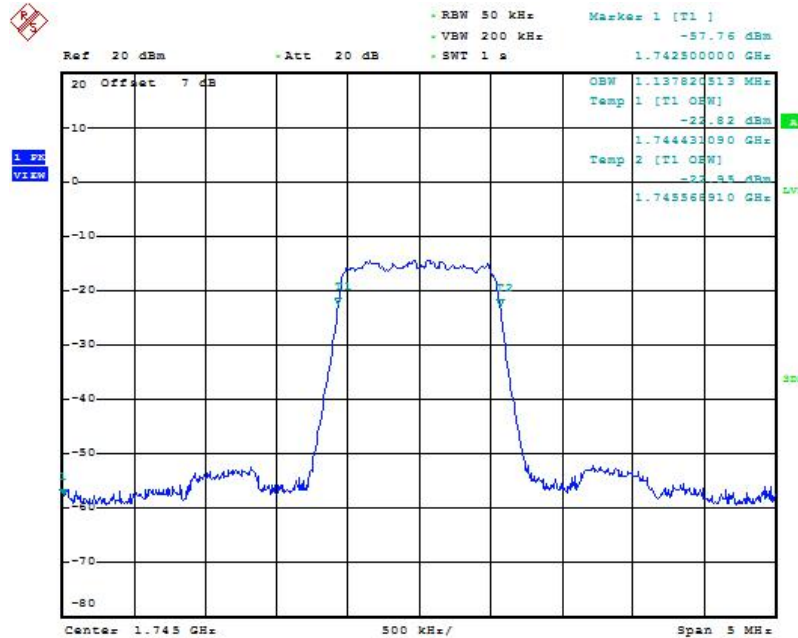


Date: 5.JUL.2018 17:06:25

LTE band 66, 1.4MHz (99%)

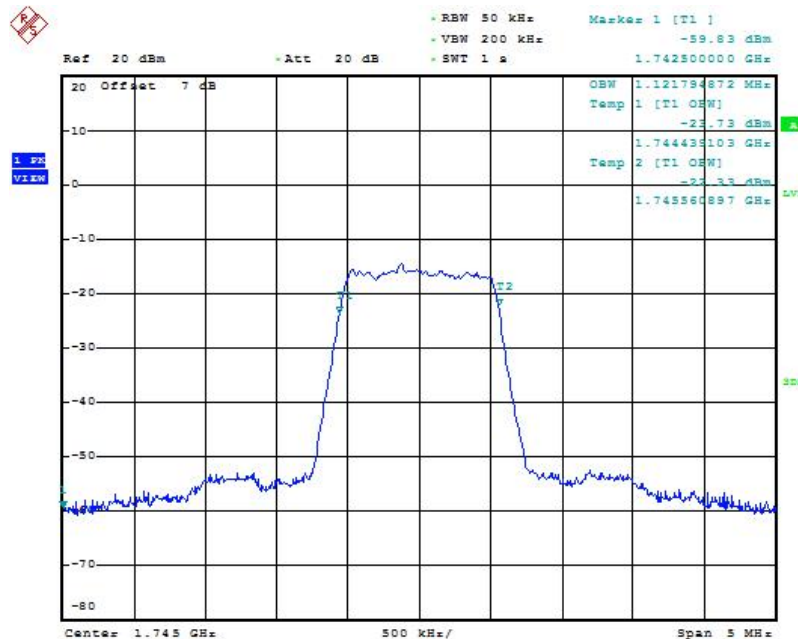
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	1745.0	QPSK
	1.138	1.122

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)

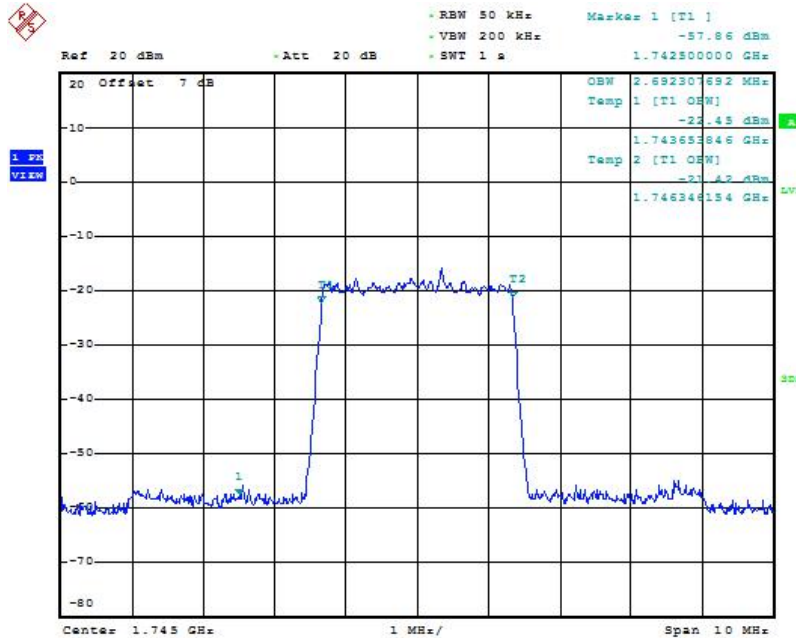


Date: 4.SEP.2018 15:16:32

LTE band 66, 3MHz (99%)

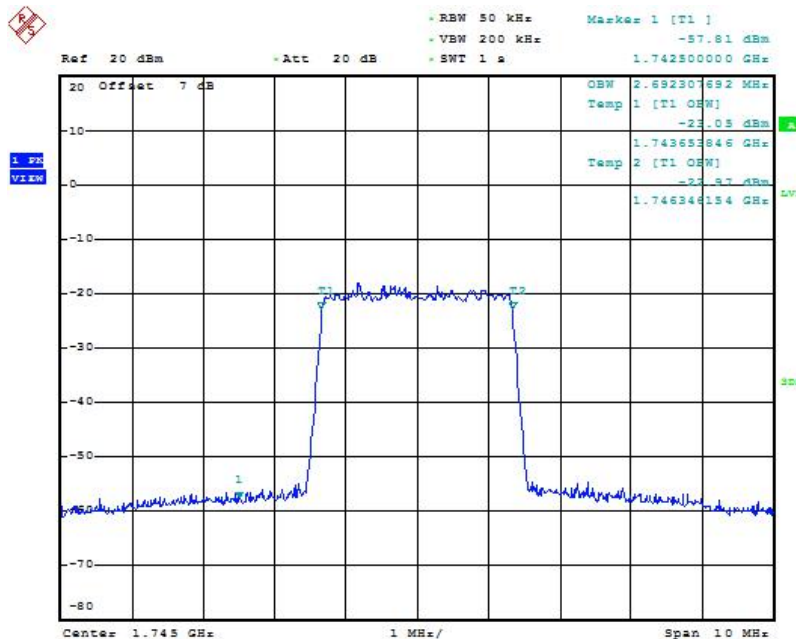
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
1745.0	QPSK	16QAM
	2.692	2.692

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



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

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

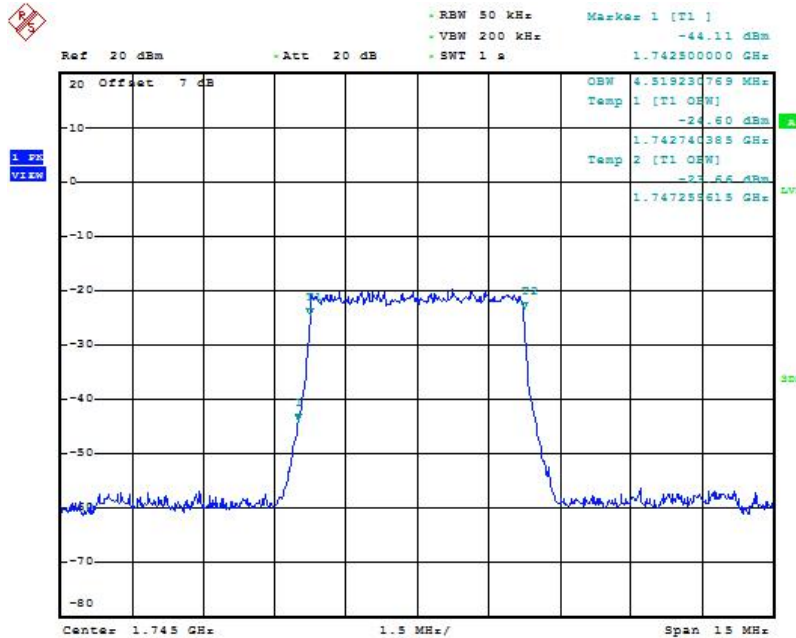


Date: 4.SEP.2018 15:18:08

LTE band 66, 5MHz (99%)

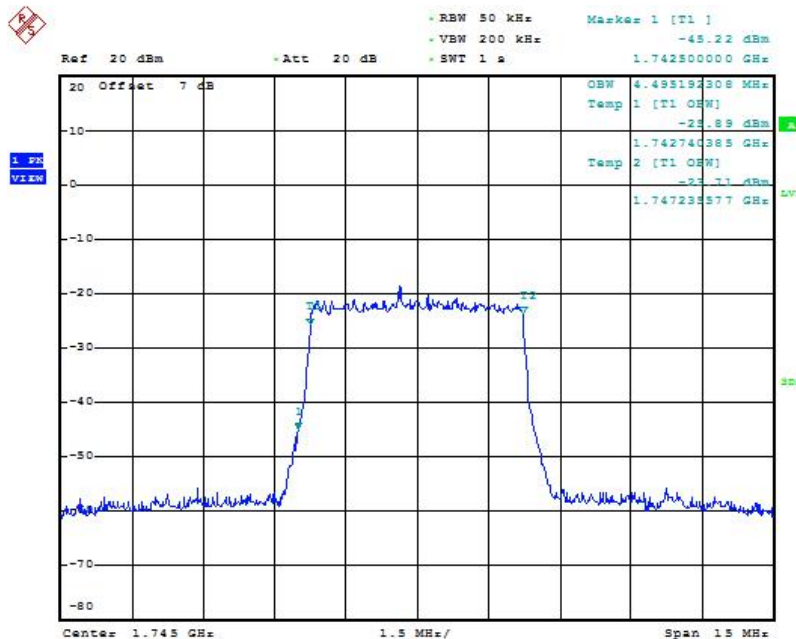
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	1745.0	QPSK
	4.519	4.495

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



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

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

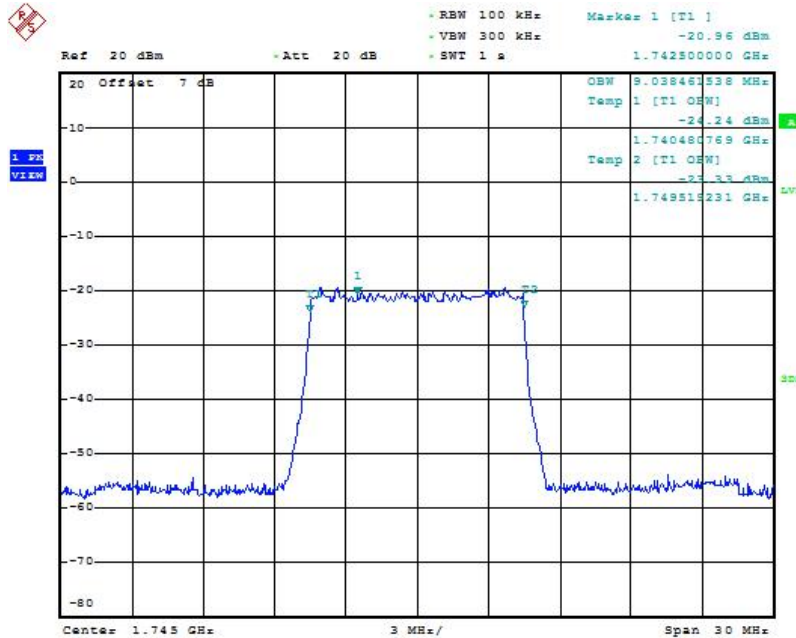


Date: 4.SEP.2018 15:19:44

LTE band 66, 10MHz (99%)

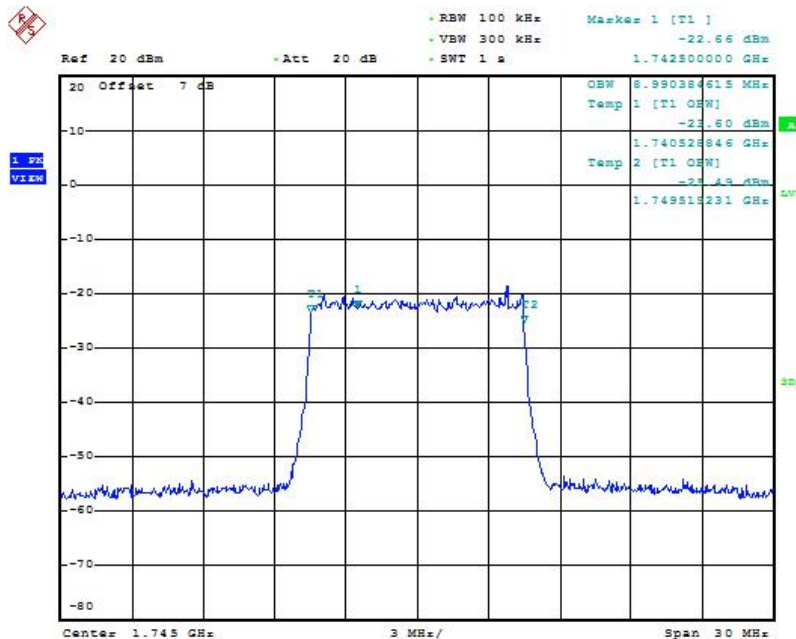
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	1745.0	QPSK
	9.038	8.99

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



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

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

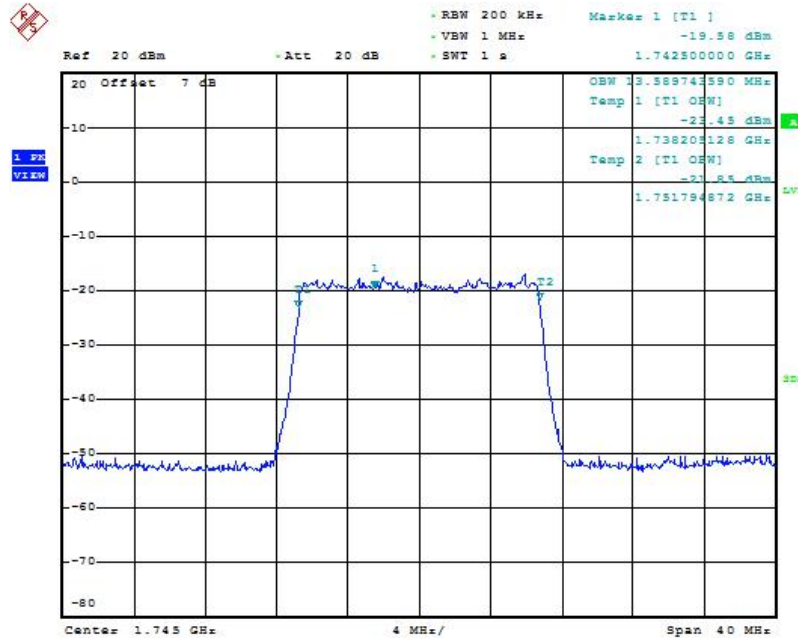


Date: 4.SEP.2018 15:21:18

LTE band 66, 15MHz (99%)

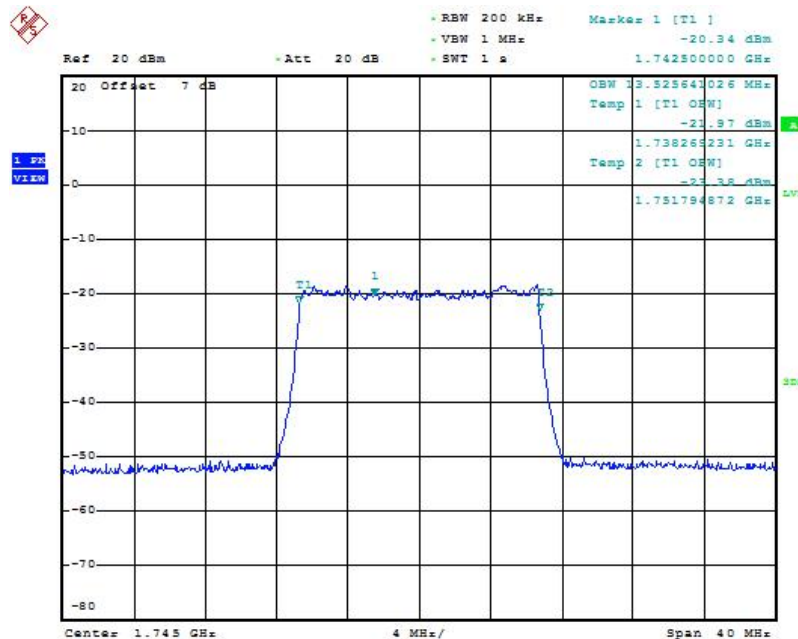
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	1745.0	QPSK
13.59		13.526

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



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

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

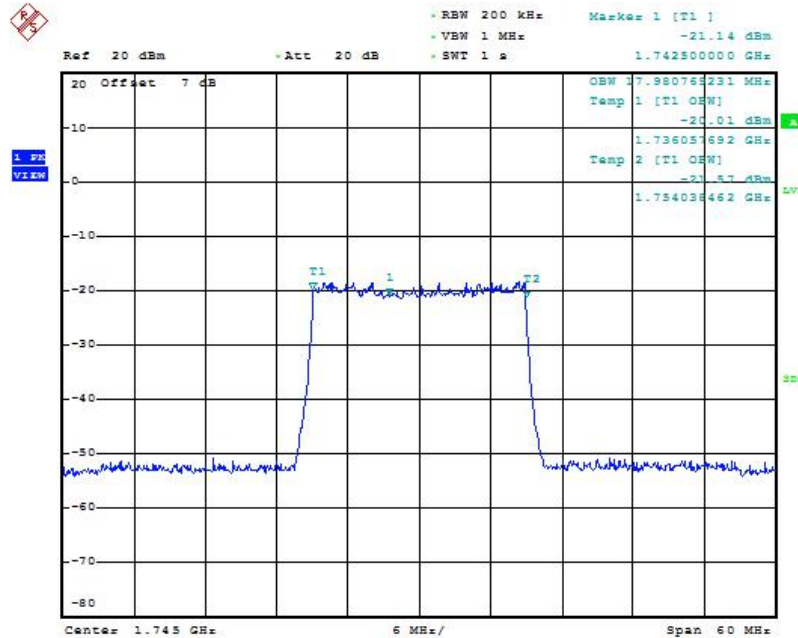


Date: 4.SEP.2018 15:22:54

LTE band 66, 20MHz (99%)

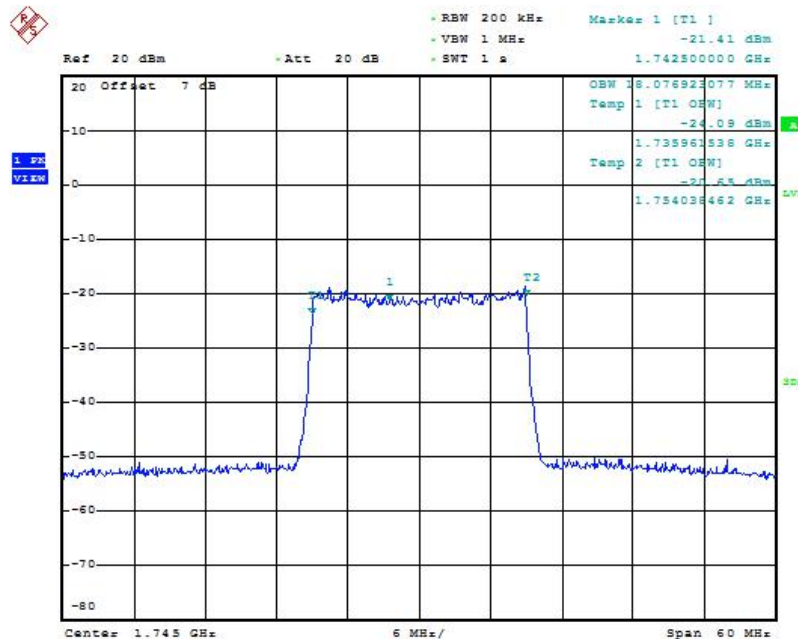
Frequency(MHz)	Occupied Bandwidth (99%)(MHz)	
	1745.0	QPSK
	17.981	18.077

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)

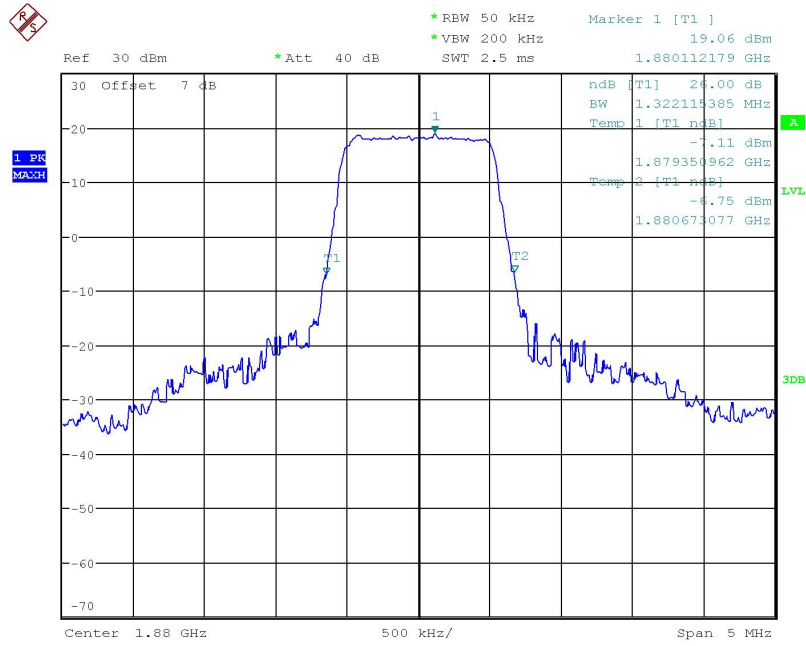
A.5.1 Emission Bandwidth Results

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)

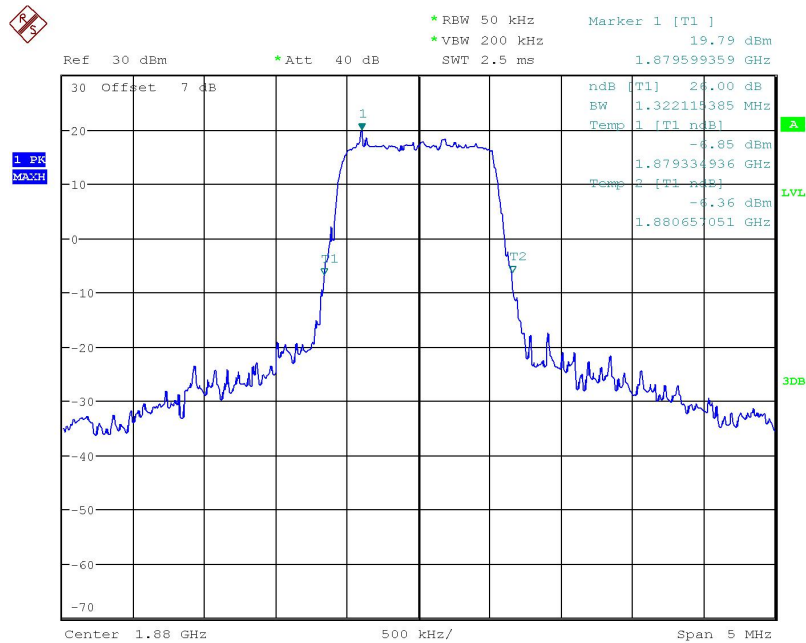
Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
1880.0	QPSK	16QAM
	1.32	1.32

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)

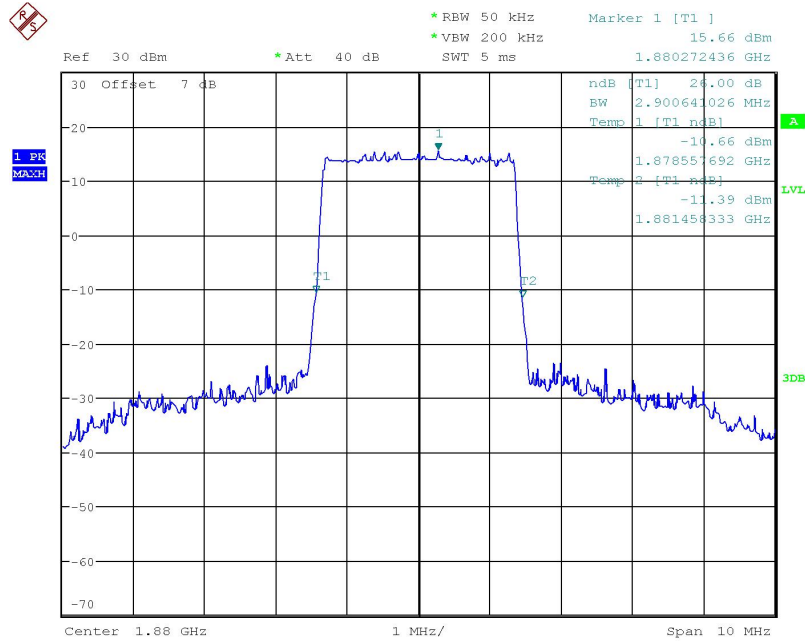


Date: 8.JUN.2018 11:24:54

LTE band 2, 3MHz (-26dBc)

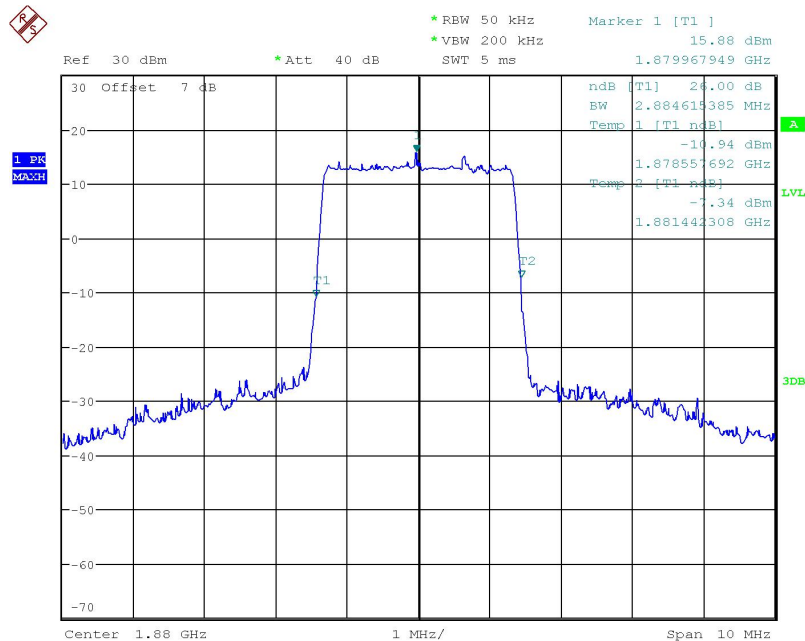
Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
	1880.0	QPSK
	2.90	2.88

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



Date: 8.JUN.2018 11:28:52

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

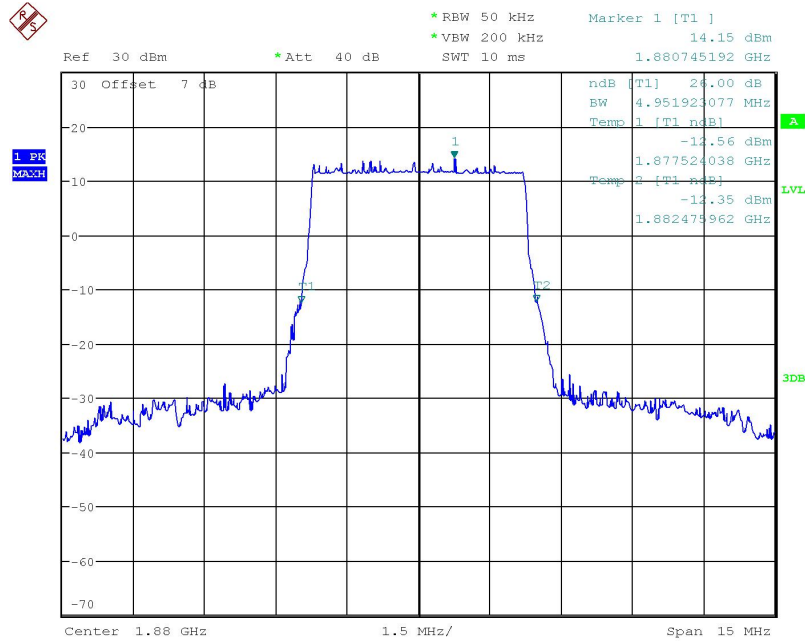


Date: 8.JUN.2018 11:29:09

LTE band 2, 5MHz (-26dBc)

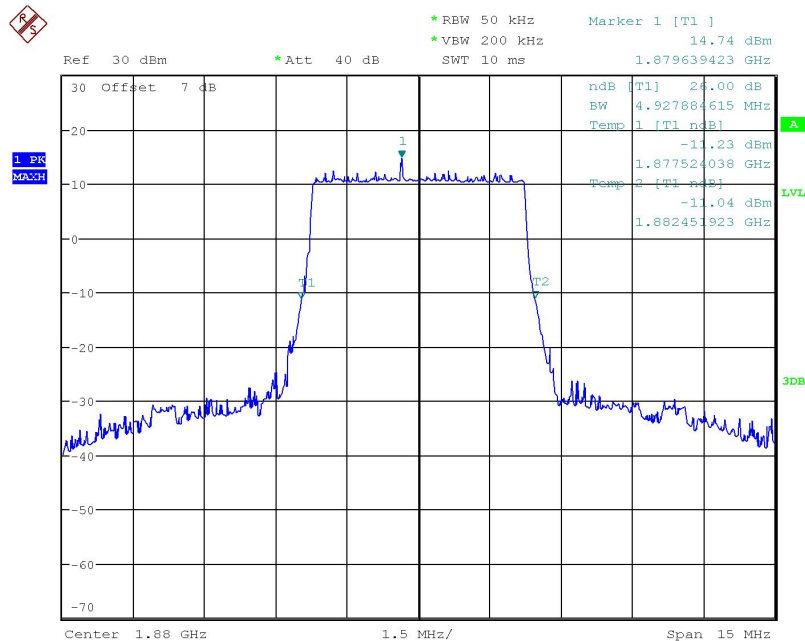
Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
	1880.0	QPSK
4.95		4.93

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



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

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

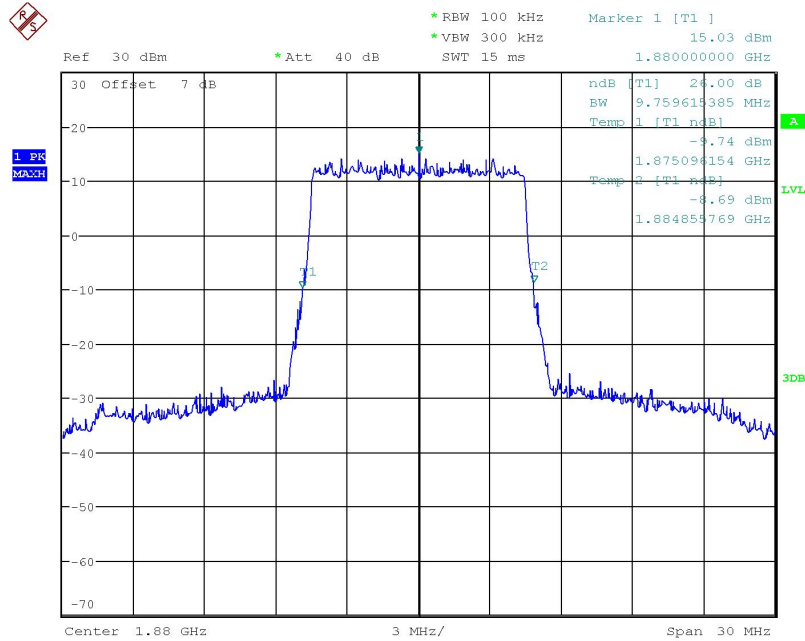


Date: 8.JUN.2018 13:04:08

LTE band 2, 10MHz (-26dBc)

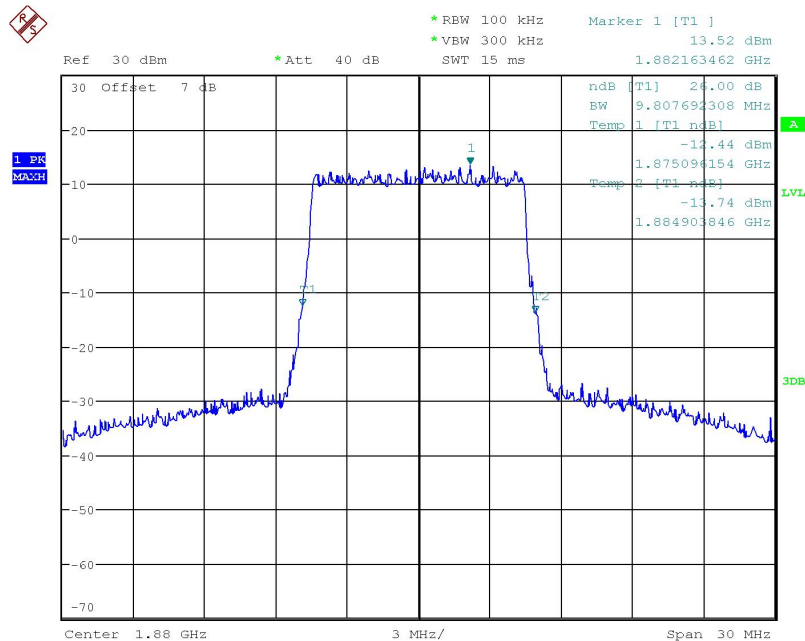
Frequency(MHz)	Occupied Bandwidth (-26dBc)(MHz)	
	1880.0	QPSK
	9.76	9.81

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