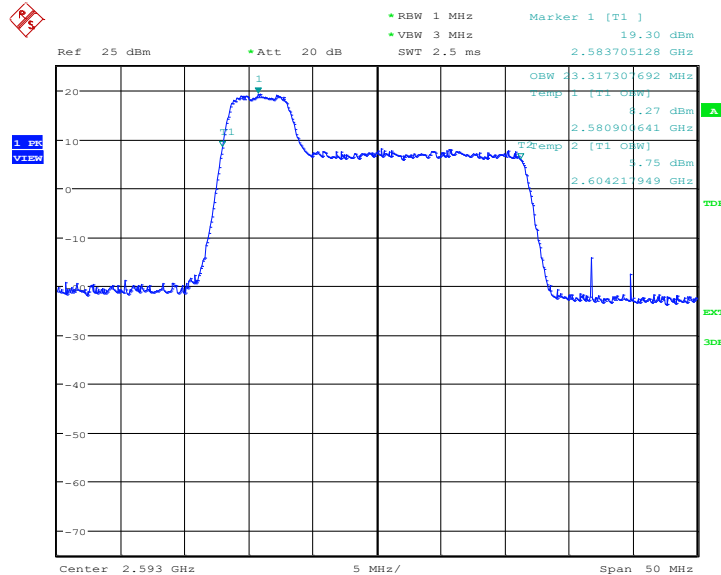


LTE Band CA_41C, 5MHz+20MHz (99% BW)

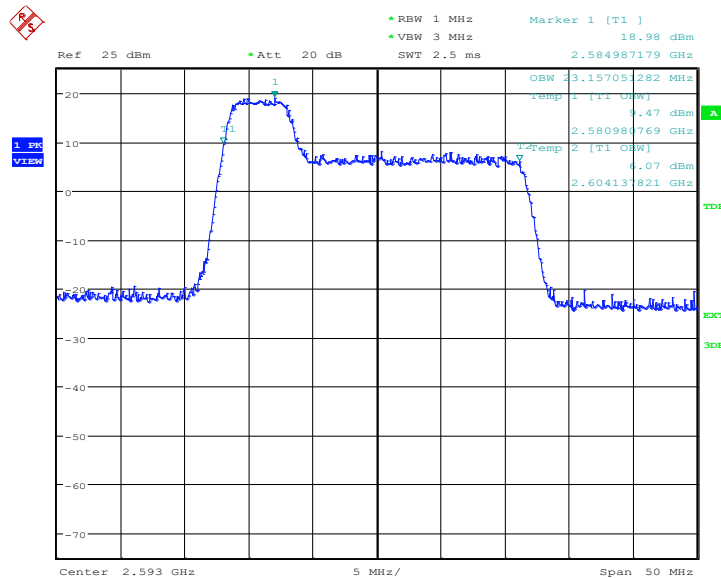
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	23317.31	23157.05	23397.47

LTE Band CA_41C, 5MHz+20MHz Bandwidth, QPSK (99% BW)



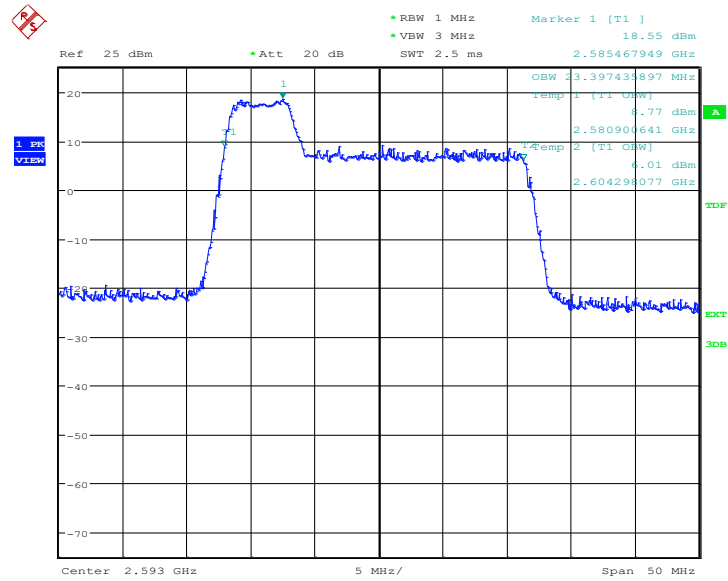
Date: 6.APR.2020 07:39:37

LTE Band CA_41C, 5MHz+20MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 07:40:00

LTE Band CA_41C, 5MHz+20MHz Bandwidth, 64QAM (99% BW)

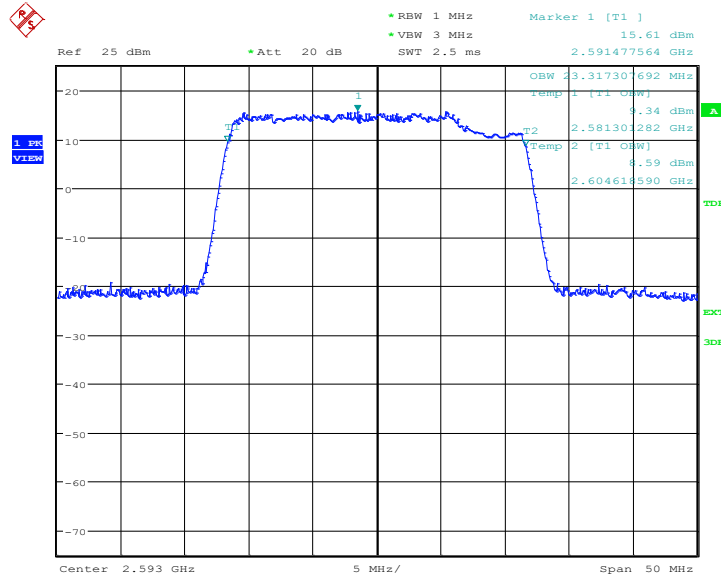


Date: 6.APR.2020 07:42:08

LTE Band CA_41C, 20MHz+5MHz (99% BW)

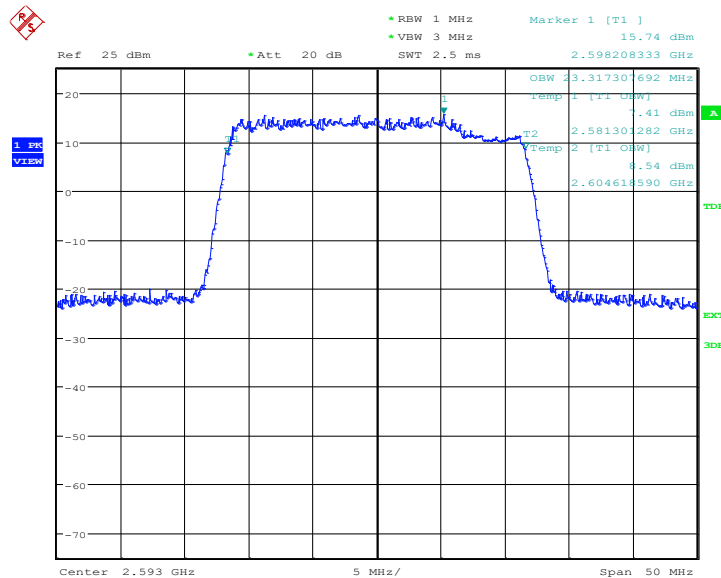
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	23317.31	23317.31	23237.18

LTE Band CA_41C, 20MHz+5MHz Bandwidth, QPSK (99% BW)



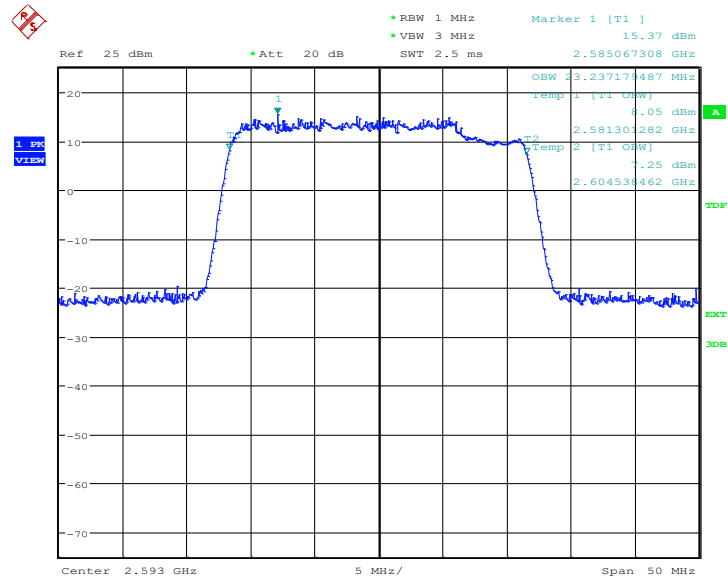
Date: 6.APR.2020 07:51:18

LTE Band CA_41C, 20MHz+5MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 07:51:43

LTE Band CA_41C, 20MHz+5MHz Bandwidth, 64QAM (99% BW)

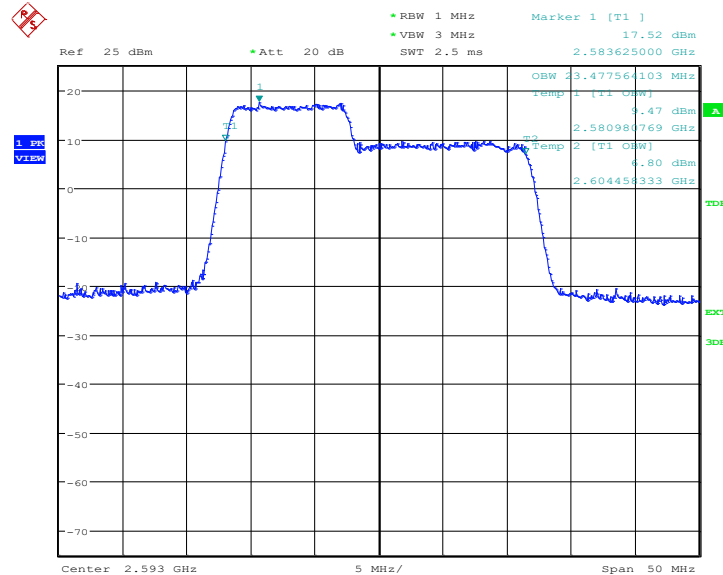


Date: 6.APR.2020 07:49:18

LTE Band CA_41C, 10MHz+15MHz (99% BW)

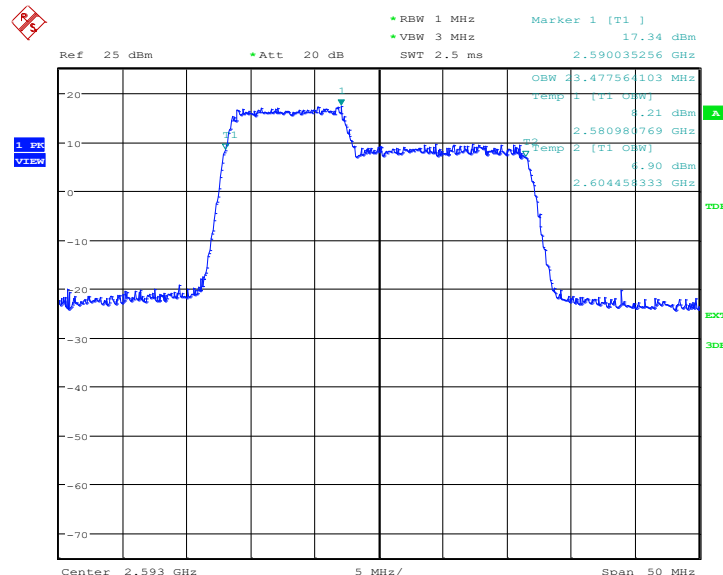
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	23477.56	23477.56	23397.44

LTE Band CA_41C, 10MHz+15MHz Bandwidth, QPSK (99% BW)



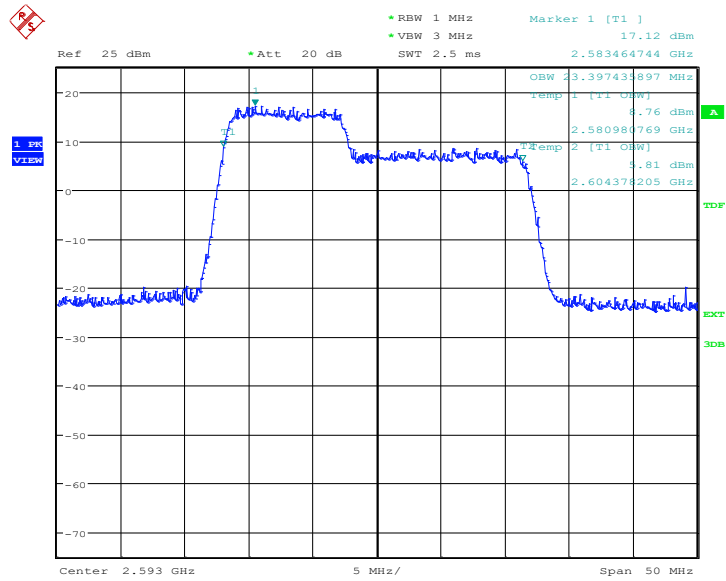
Date: 6.APR.2020 07:54:15

LTE Band CA_41C, 10MHz+15MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 07:54:33

LTE Band CA_41C, 10MHz+15MHz Bandwidth, 64QAM (99% BW)

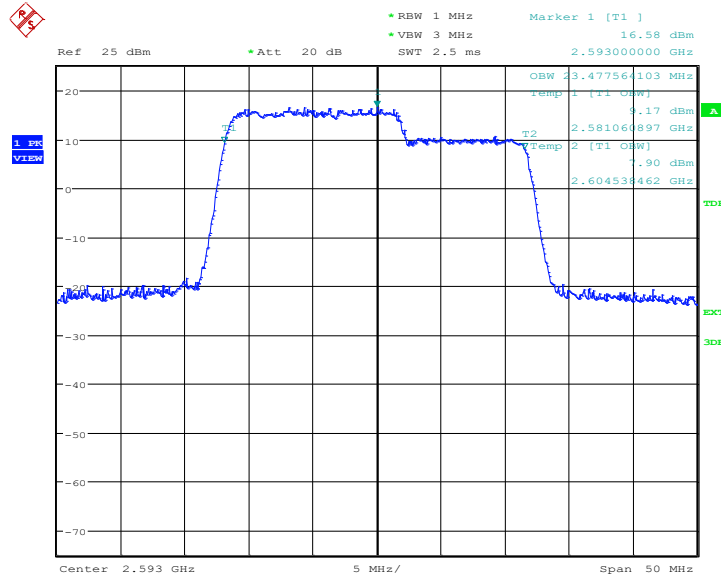


Date: 6.APR.2020 07:56:08

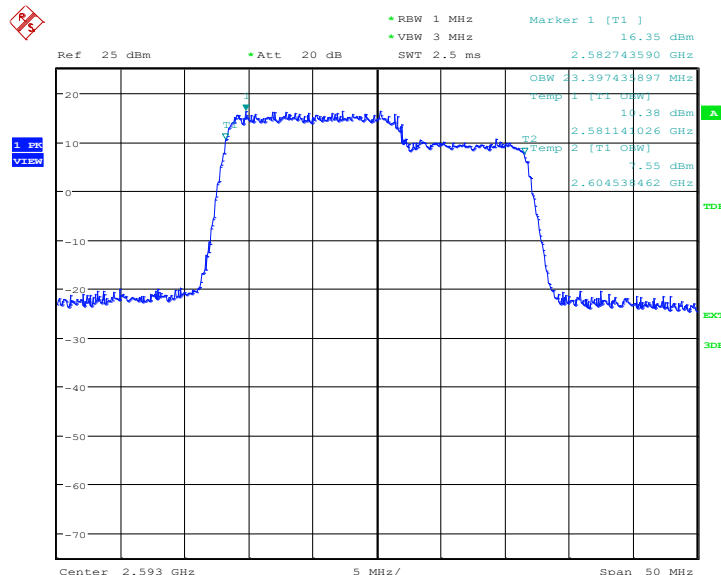
LTE Band CA_41C, 15MHz+10MHz (99% BW)

Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	23477.56	23397.44	23397.44

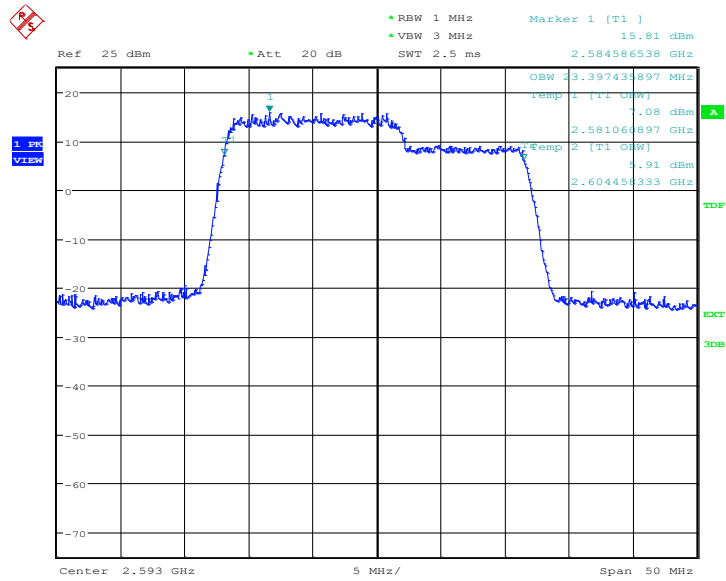
LTE Band CA_41C, 15MHz+10MHz Bandwidth, QPSK (99% BW)



LTE Band CA_41C, 15MHz+10MHz Bandwidth, 16QAM (99% BW)



LTE Band CA_41C, 15MHz+10MHz Bandwidth, 64QAM (99% BW)

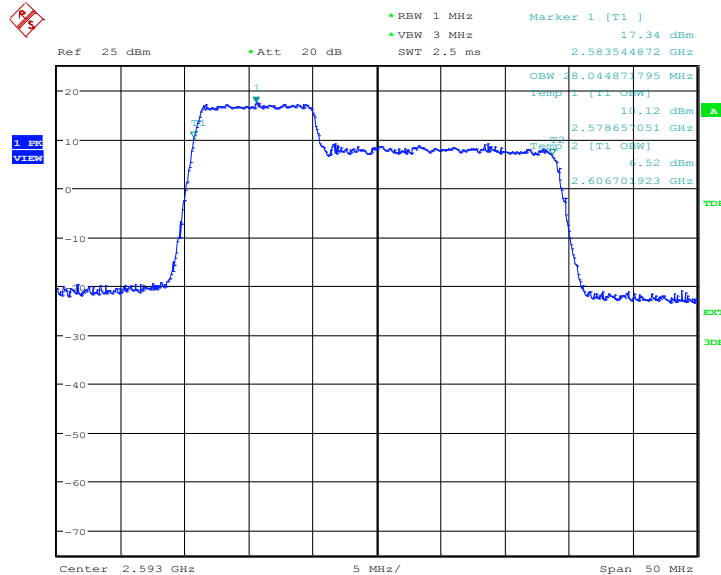


Date: 6.APR.2020 08:01:29

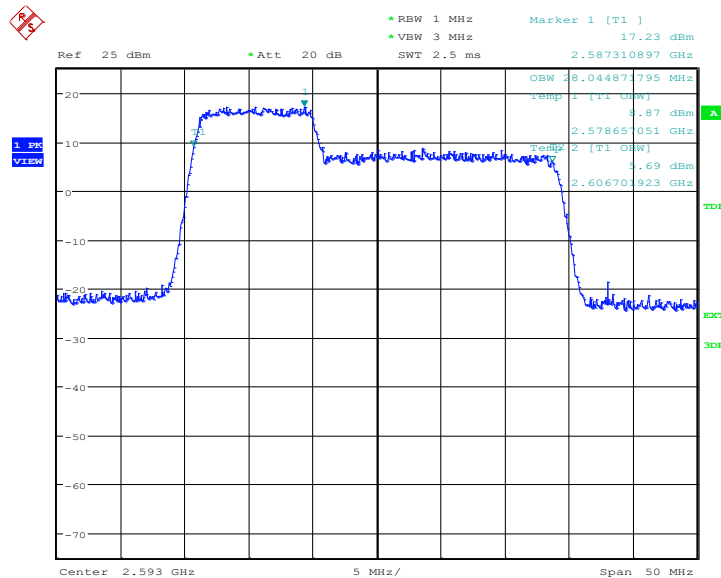
LTE Band CA_41C, 10MHz+20MHz (99% BW)

Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	28044.87	28044.87	27884.62

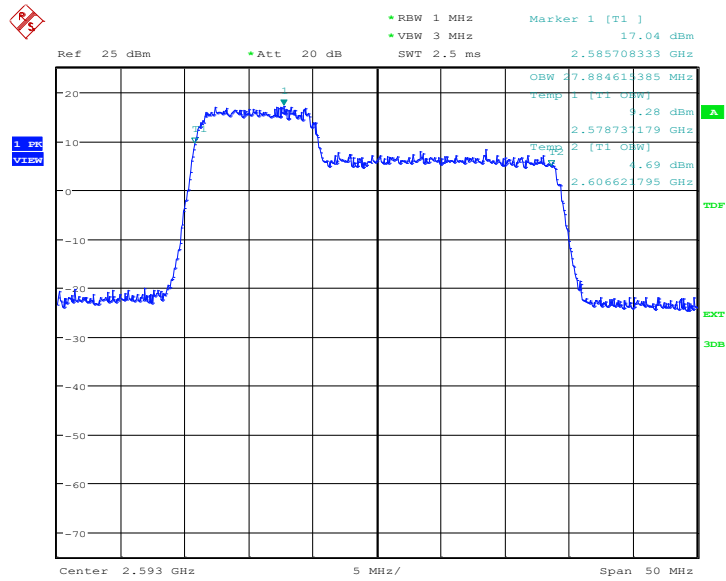
LTE Band CA_41C, 10MHz+20MHz Bandwidth, QPSK (99% BW)



LTE Band CA_41C, 10MHz+20MHz Bandwidth, 16QAM (99% BW)



LTE Band CA_41C, 10MHz+20MHz Bandwidth, 64QAM (99% BW)

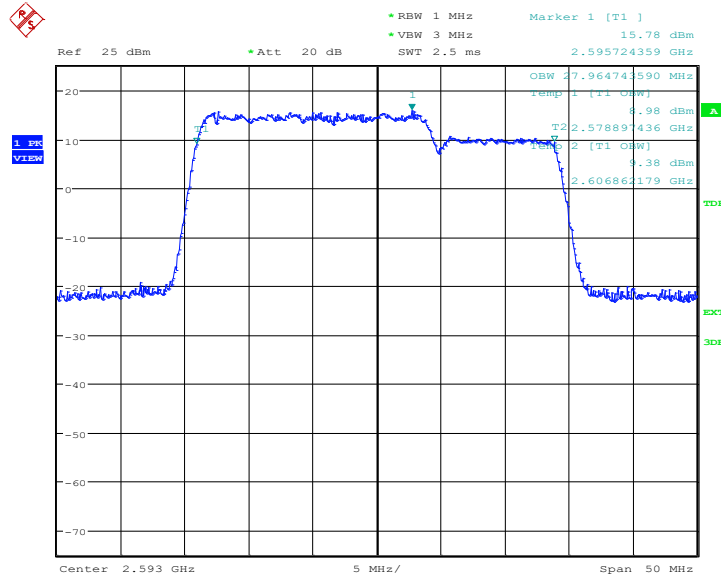


Date: 6.APR.2020 08:09:39

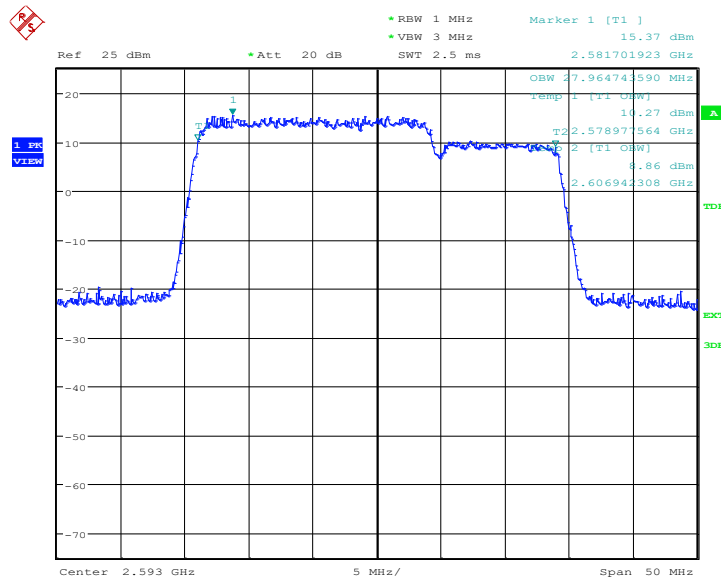
LTE Band CA_41C, 20MHz+10MHz (99% BW)

Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	27964.74	27964.74	28044.87

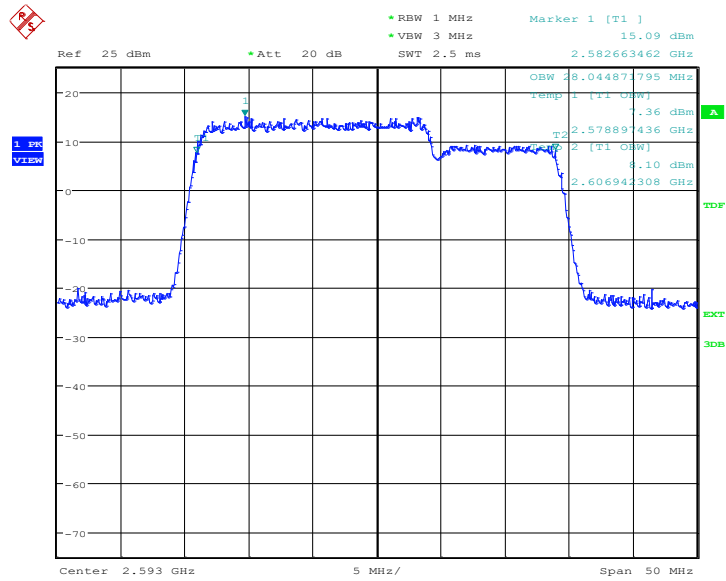
LTE Band CA_41C, 20MHz+10MHz Bandwidth, QPSK (99% BW)



LTE Band CA_41C, 20MHz+10MHz Bandwidth, 16QAM (99% BW)



LTE Band CA_41C, 20MHz+10MHz Bandwidth, 64QAM (99% BW)

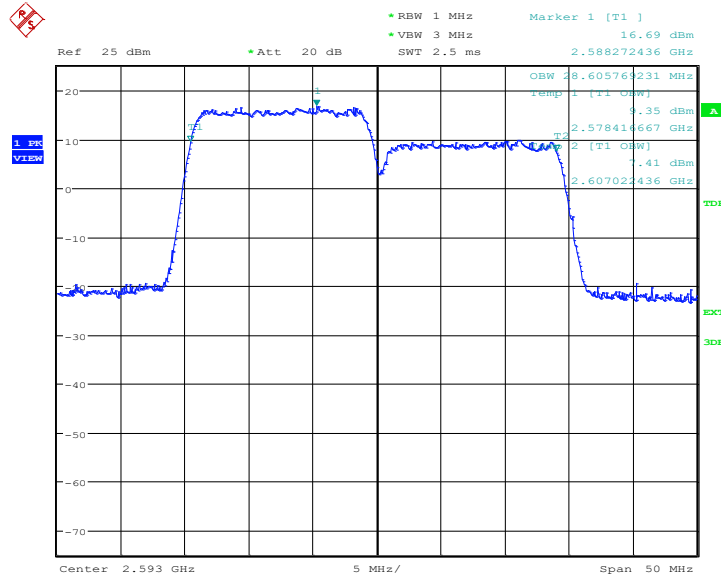


Date: 6.APR.2020 08:54:28

LTE Band CA_41C, 15MHz+15MHz (99% BW)

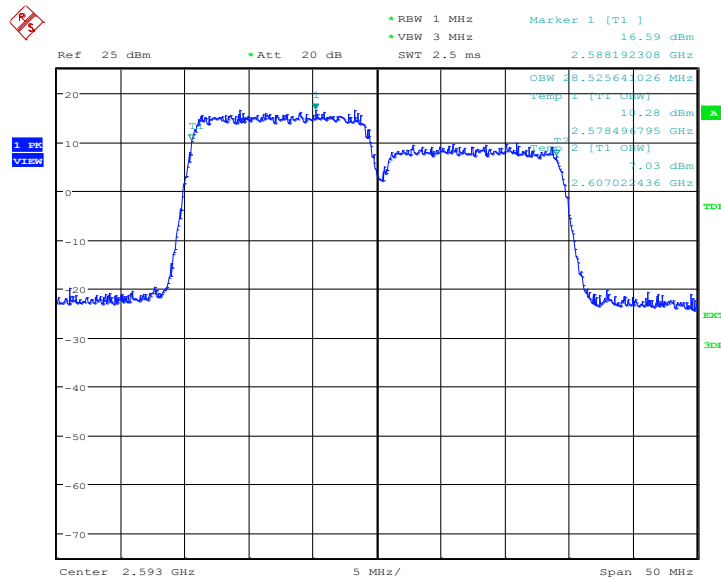
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	28605.77	28525.64	28445.52

LTE Band CA_41C, 15MHz+15MHz Bandwidth, QPSK (99% BW)



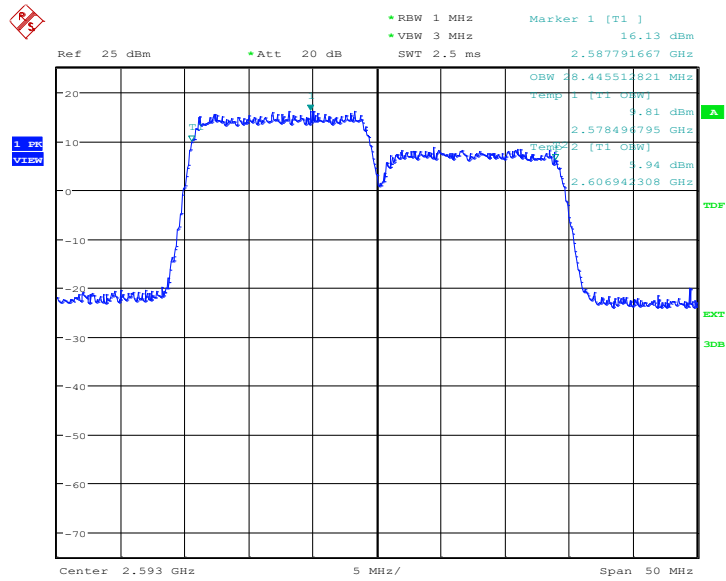
Date: 6.APR.2020 09:07:28

LTE Band CA_41C, 15MHz+15MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 09:07:44

LTE Band CA_41C, 15MHz+15MHz Bandwidth, 64QAM (99% BW)

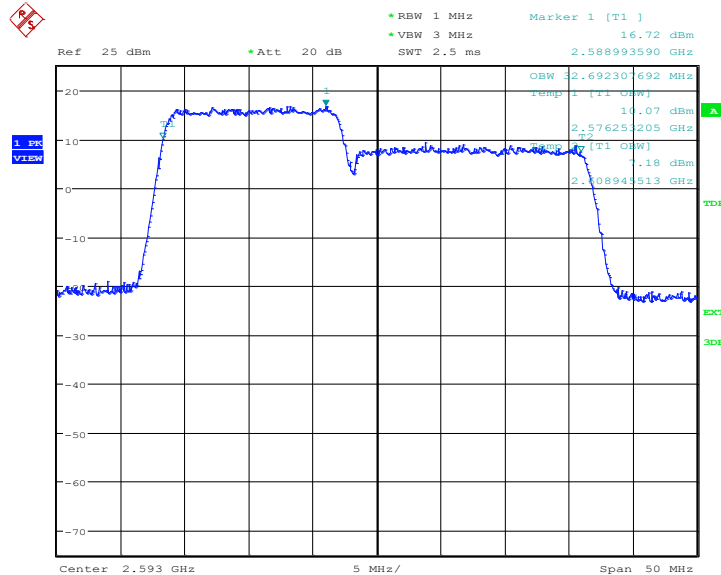


Date: 6.APR.2020 09:09:18

LTE Band CA_41C, 15MHz+20MHz (99% BW)

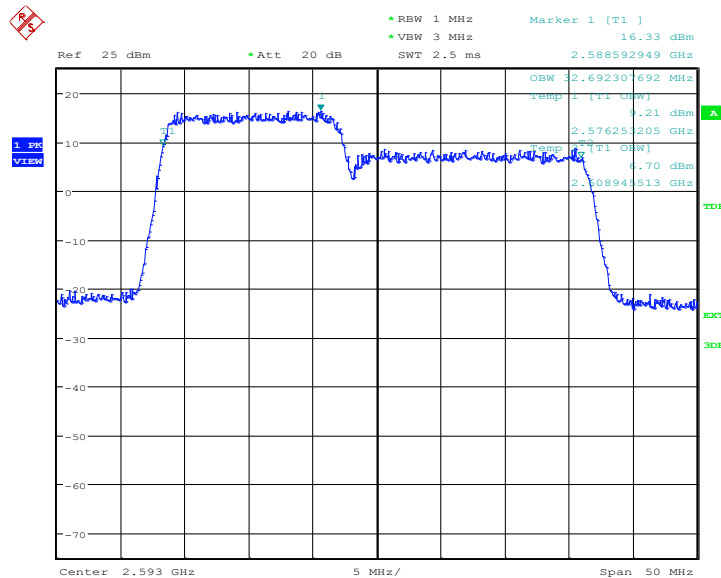
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	32692.31	32692.31	32612.18

LTE Band CA_41C, 15MHz+20MHz Bandwidth, QPSK (99% BW)



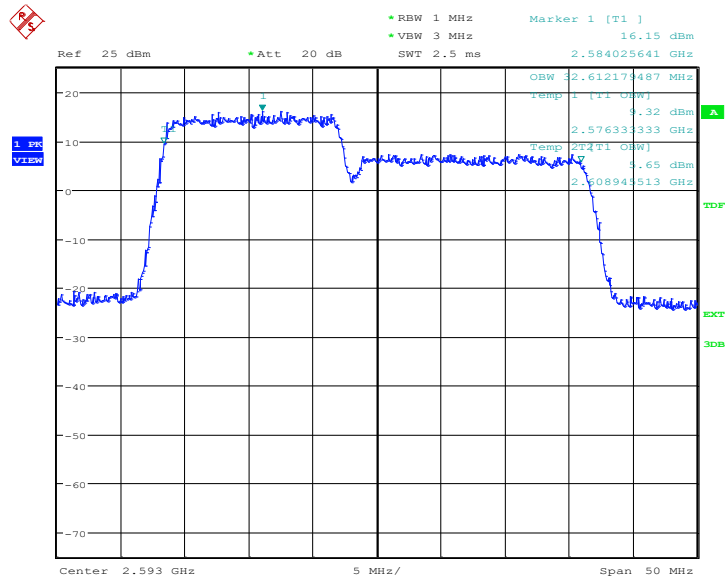
Date: 6.APR.2020 09:27:34

LTE Band CA_41C, 15MHz+20MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 09:27:47

LTE Band CA_41C, 15MHz+20MHz Bandwidth, 64QAM (99% BW)

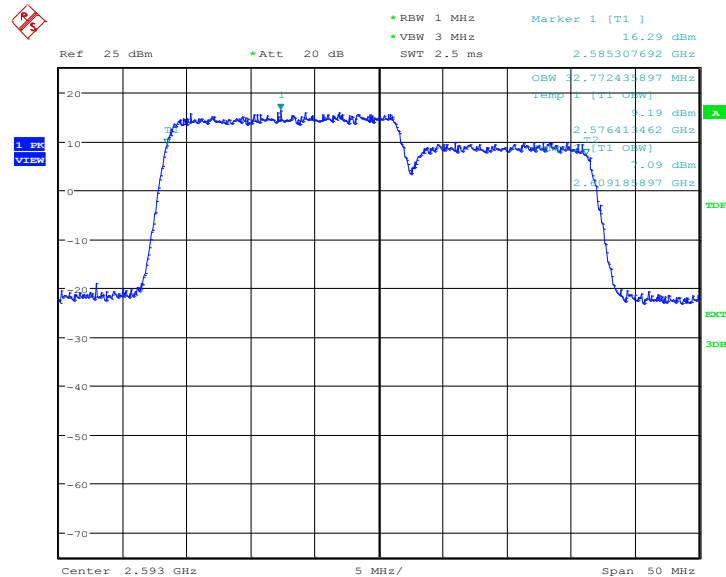


Date: 6.APR.2020 09:29:38

LTE Band CA_41C, 20MHz+15MHz (99% BW)

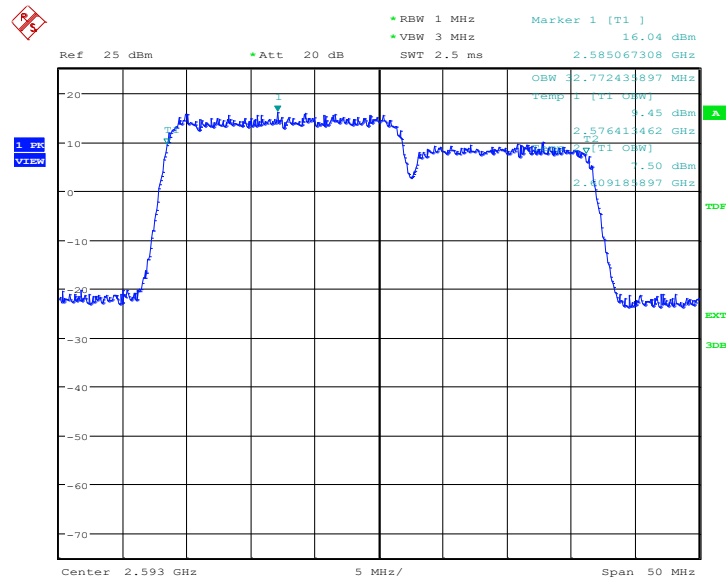
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	32772.44	32772.44	32772.44

LTE Band CA_41C, 20MHz+15MHz Bandwidth, QPSK (99% BW)



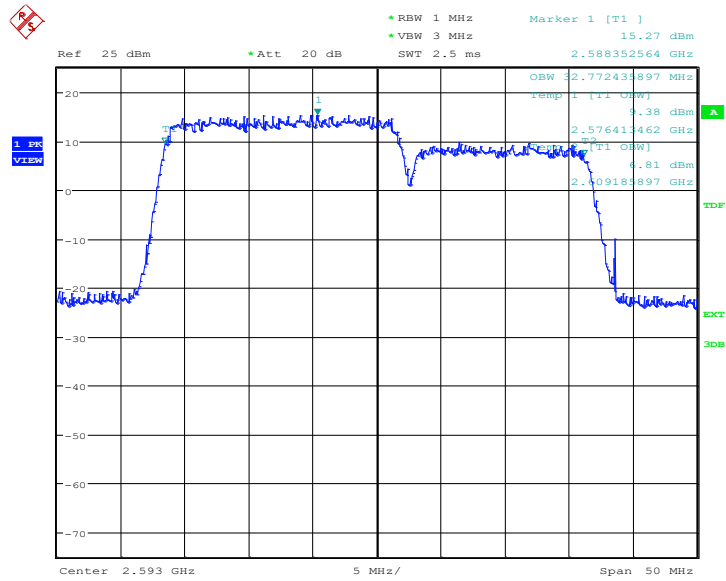
Date: 6.APR.2020 09:32:30

LTE Band CA_41C, 20MHz+15MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 09:32:43

LTE Band CA_41C, 20MHz+15MHz Bandwidth, 64QAM (99% BW)

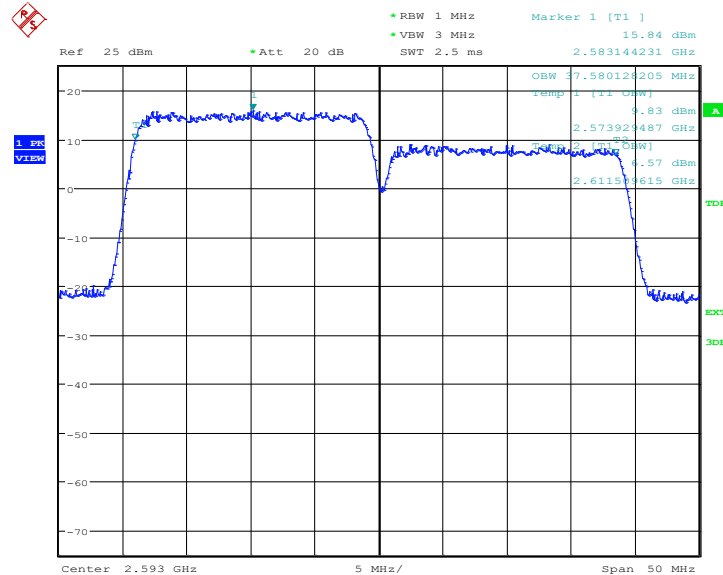


Date: 6.APR.2020 09:32:59

LTE Band CA_41C, 20MHz+20MHz (99% BW)

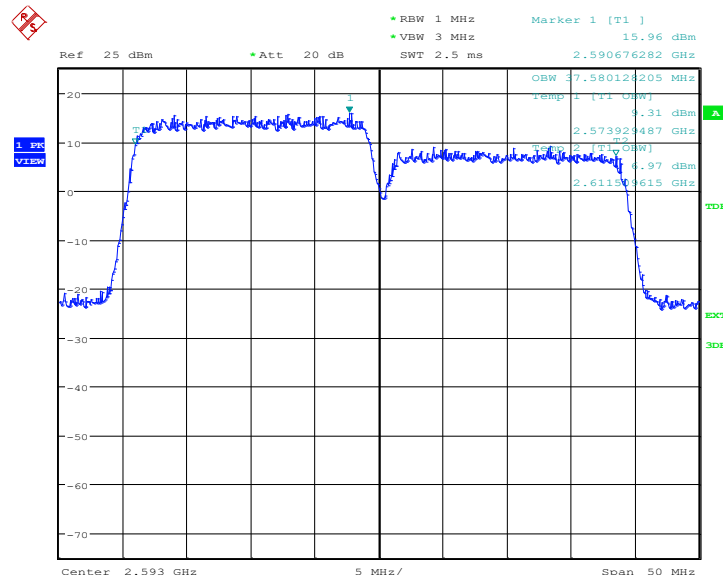
Frequency(MHz)	Occupied Bandwidth (99% BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	37580.13	37580.13	37500.00

LTE Band CA_41C, 20MHz+20MHz Bandwidth, QPSK (99% BW)



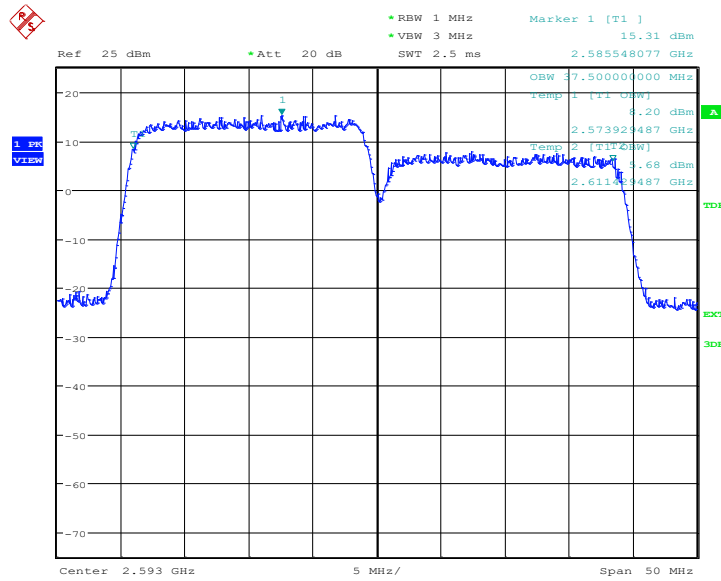
Date: 6.APR.2020 09:42:37

LTE Band CA_41C, 20MHz+20MHz Bandwidth, 16QAM (99% BW)



Date: 6.APR.2020 09:42:55

LTE Band CA_41C, 20MHz+20MHz Bandwidth, 64QAM (99% BW)



Date: 6.APR.2020 09:40:24

Note: Expanded measurement uncertainty is $U = 3428 \text{ Hz}$, $k = 2$

A.5 EMISSION BANDWIDTH

Reference

FCC: CFR Part 2.1049, 22.917, 24.238, 27.53, 90.1215.

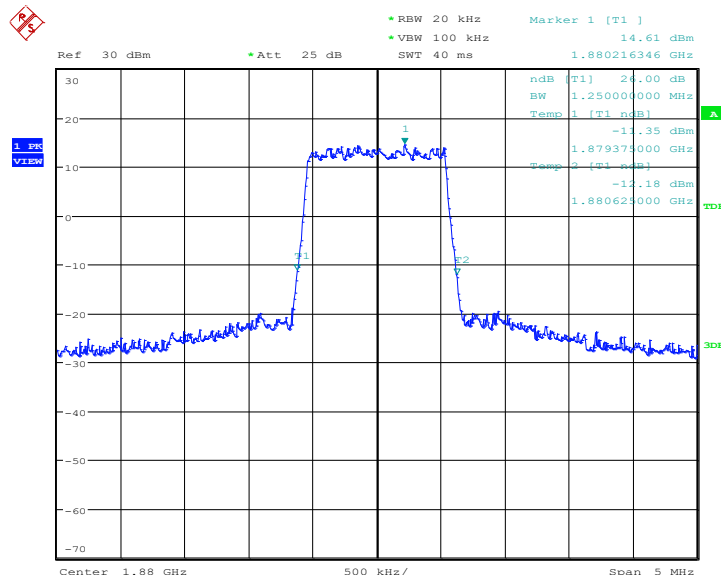
A.5.1 Emission Bandwidth Results

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 BW)

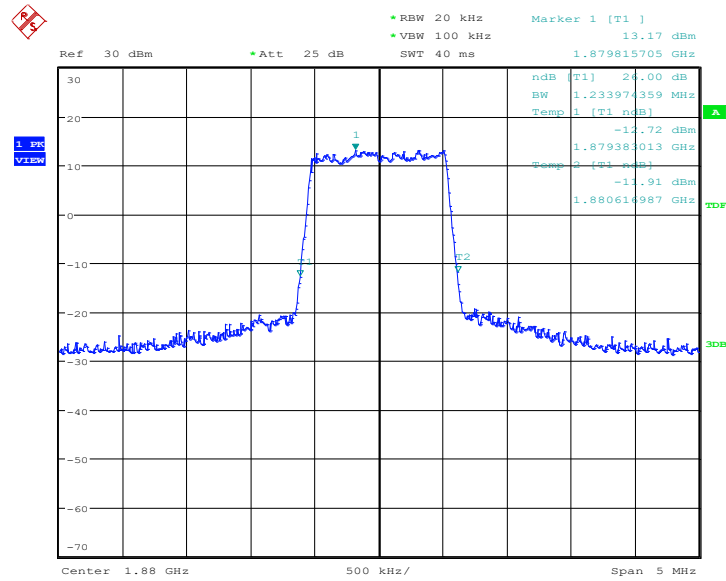
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1880.0	QPSK	16QAM	64QAM
	1250.00	1233.97	1241.99

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



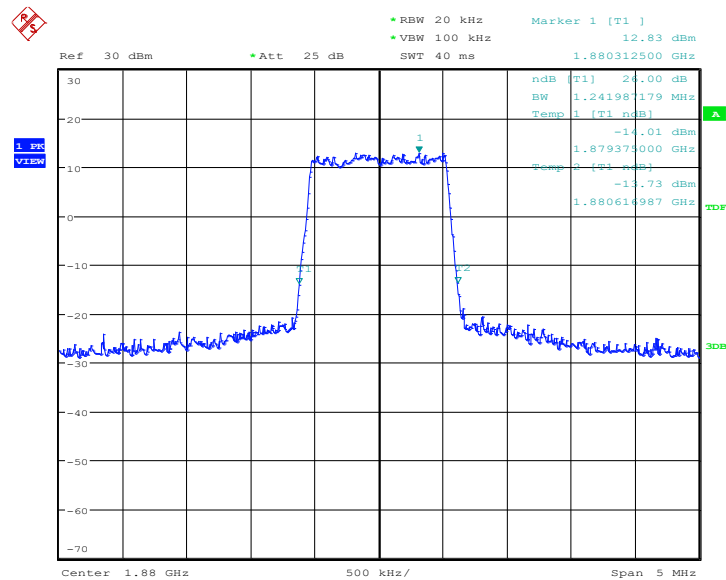
Date: 10.MAR.2020 13:37:01

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



Date: 10.MAR.2020 13:37:17

LTE band 2, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

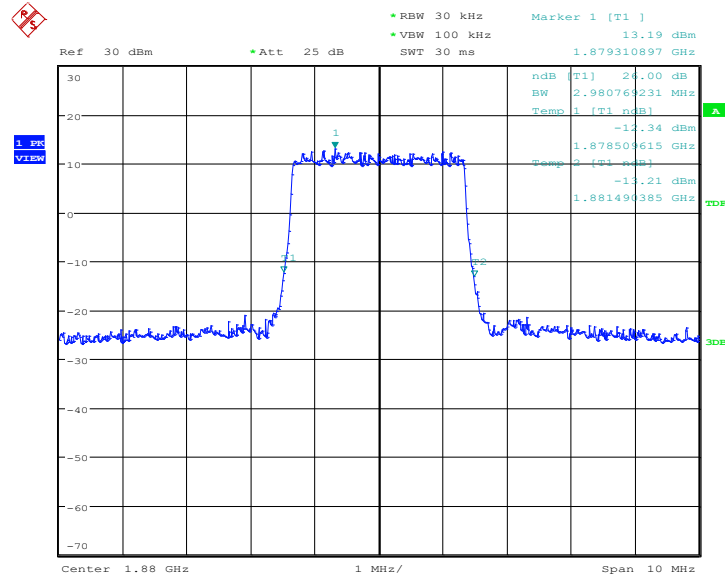


Date: 10.MAR.2020 19:47:04

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

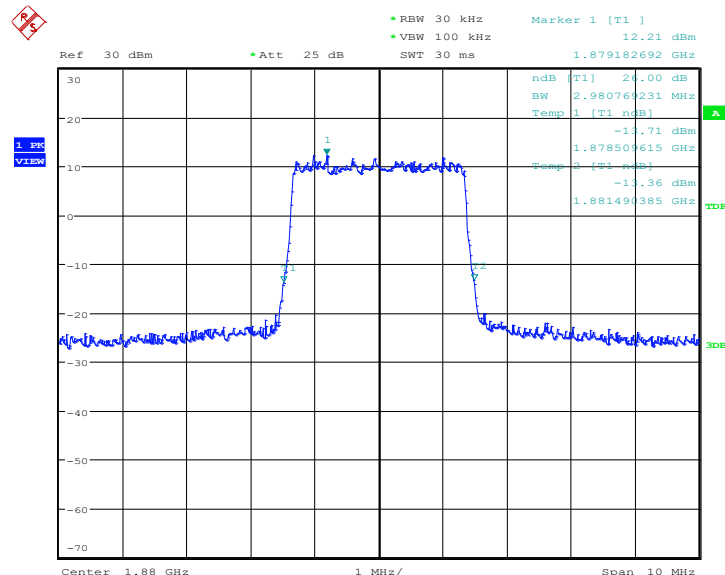
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1880.0	QPSK	16QAM	64QAM
	2980.77	2980.77	2980.77

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



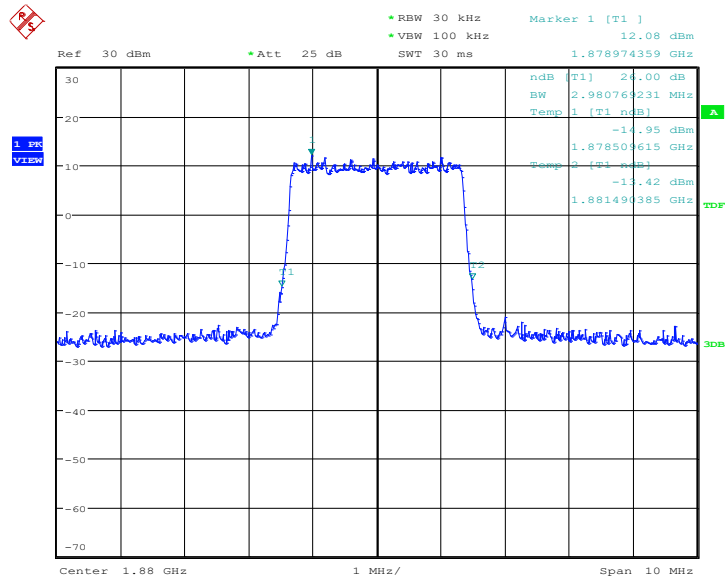
Date: 10.MAR.2020 13:42:17

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



Date: 10.MAR.2020 13:42:32

LTE band 2, 3MHz Bandwidth, 64QAM (-26dBc BW)

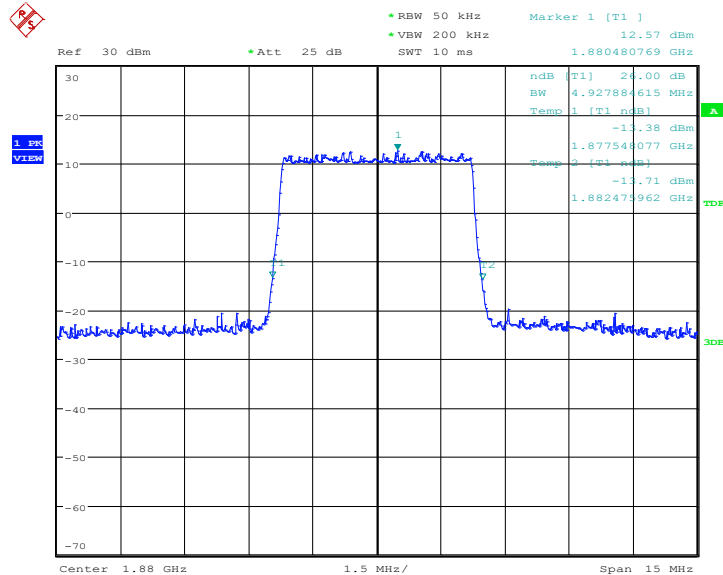


Date: 10.MAR.2020 19:50:23

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

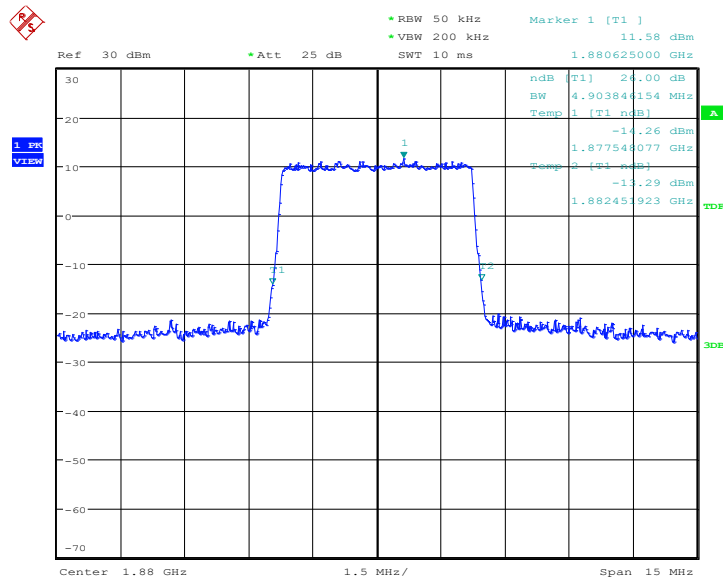
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1880.0	QPSK	16QAM	64QAM
	4927.88	4903.85	4903.85

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



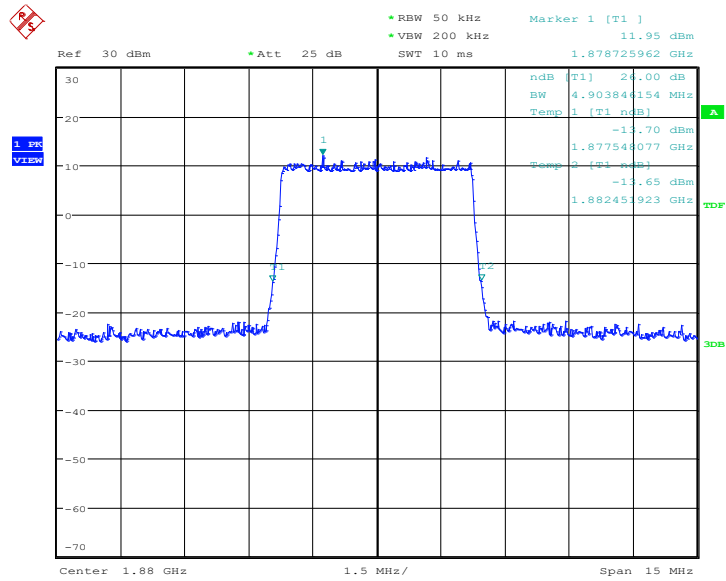
Date: 10.MAR.2020 13:47:32

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



Date: 10.MAR.2020 13:47:48

LTE band 2, 5MHz Bandwidth,64QAM (-26dBc BW)

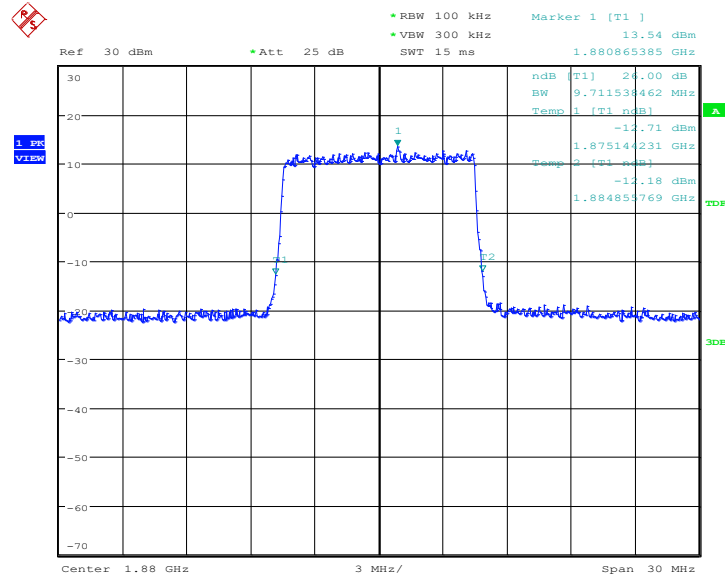


Date: 10.MAR.2020 19:53:42

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

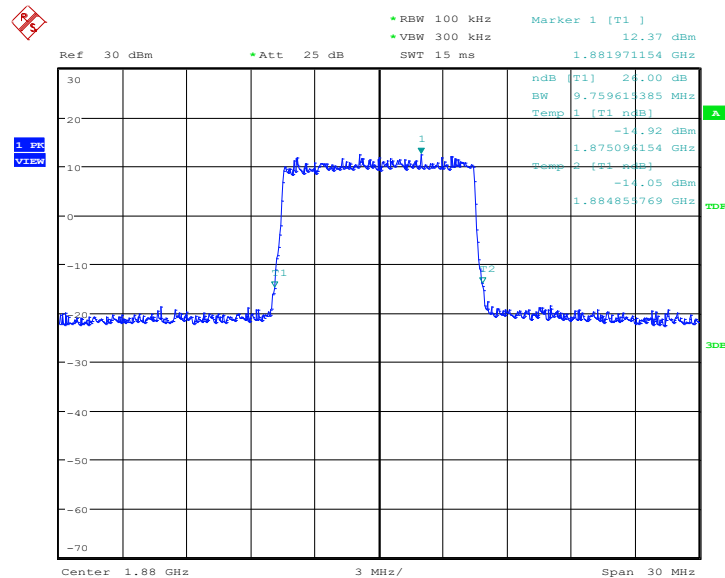
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1880.0	QPSK	16QAM	64QAM
	9711.54	9759.62	9759.62

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



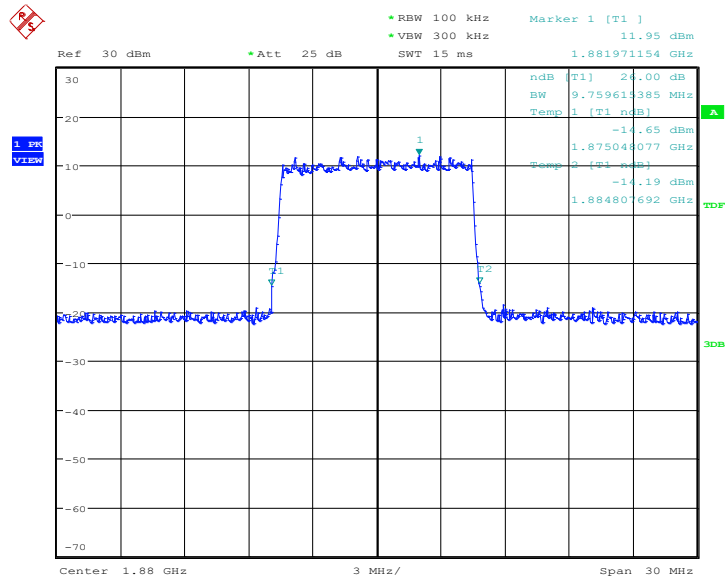
Date: 10.MAR.2020 13:52:50

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



Date: 10.MAR.2020 13:53:05

LTE band 2, 10MHz Bandwidth, 64QAM (-26dBc BW)

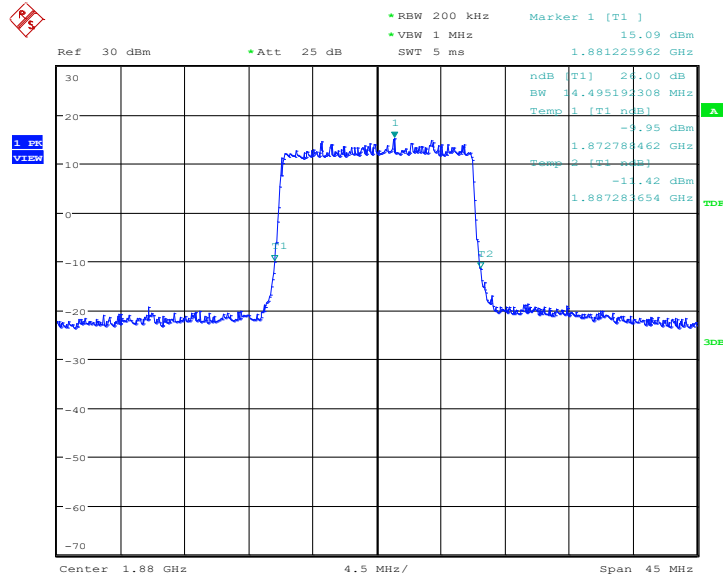


Date: 10.MAR.2020 19:57:01

LTE band 2, 15MHz (-26dBc BW)

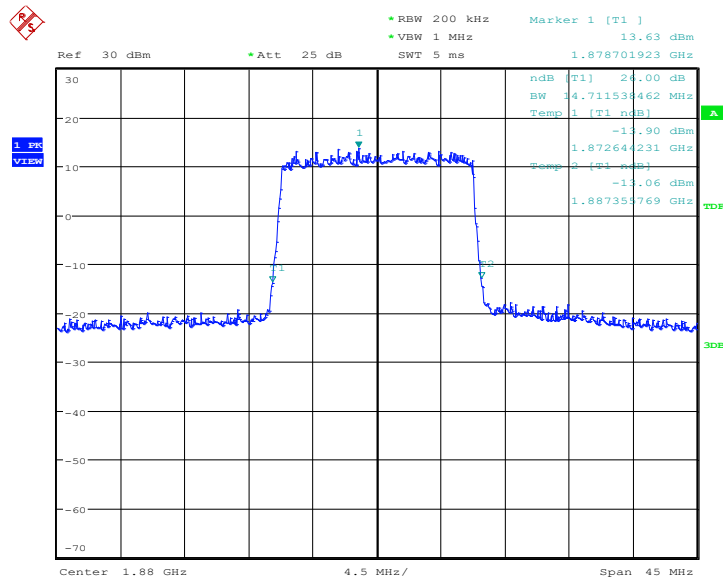
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1880.0	QPSK	16QAM	64QAM
	14495.19	14711.54	14783.65

LTE band 2, 15MHz Bandwidth, QPSK (-26dBc BW)



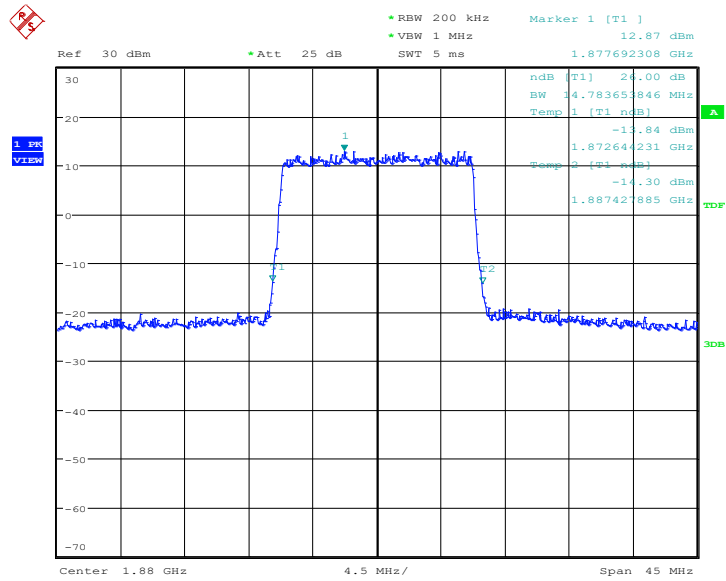
Date: 10.MAR.2020 13:58:06

LTE band 2, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 13:58:21

LTE band 2, 15MHz Bandwidth, 64QAM (-26dBc BW)

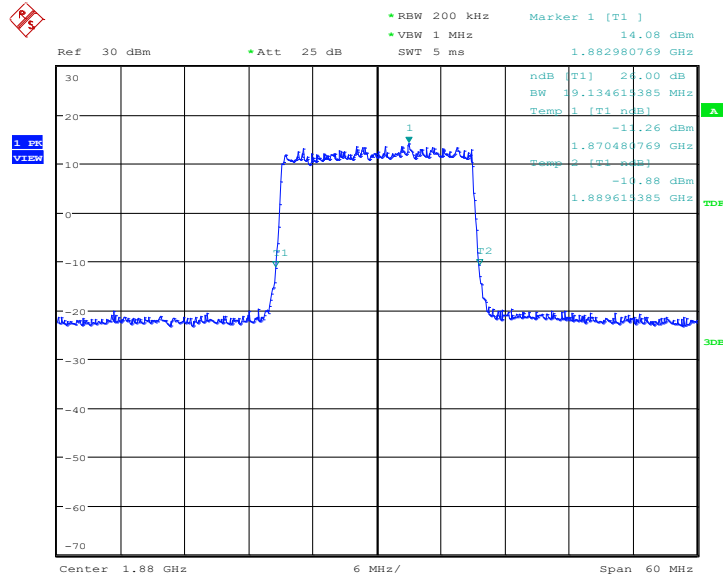


Date: 10.MAR.2020 20:00:21

LTE band 2, 20MHz (-26dBc BW)

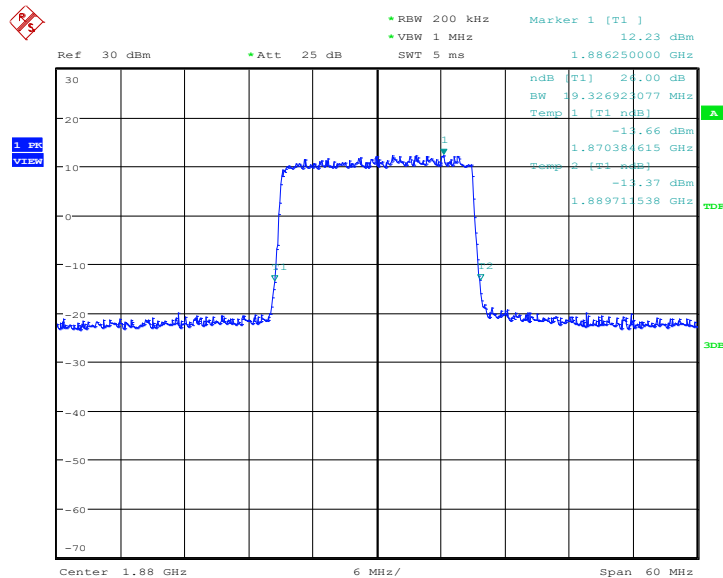
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1880.0	QPSK	16QAM	64QAM
	19134.62	19326.92	19326.92

LTE band 2, 20MHz Bandwidth, QPSK (-26dBc BW)



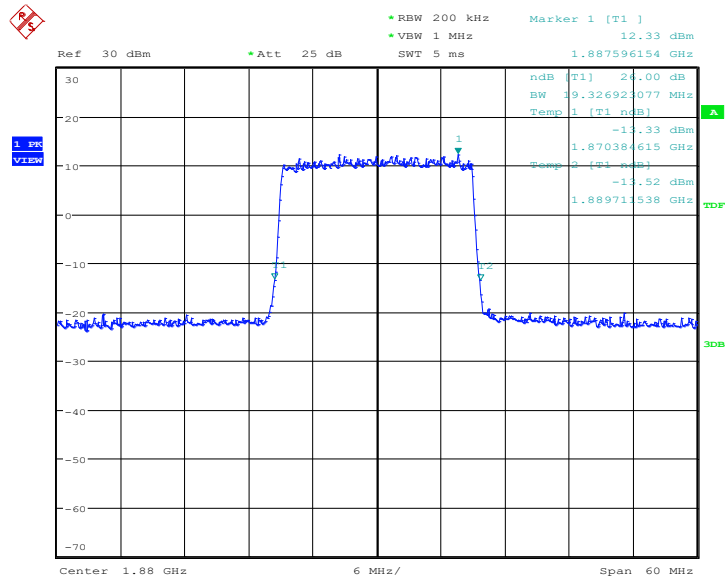
Date: 10.MAR.2020 14:03:22

LTE band 2, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 14:03:38

LTE band 2, 20MHz Bandwidth, 64QAM (-26dBc BW)

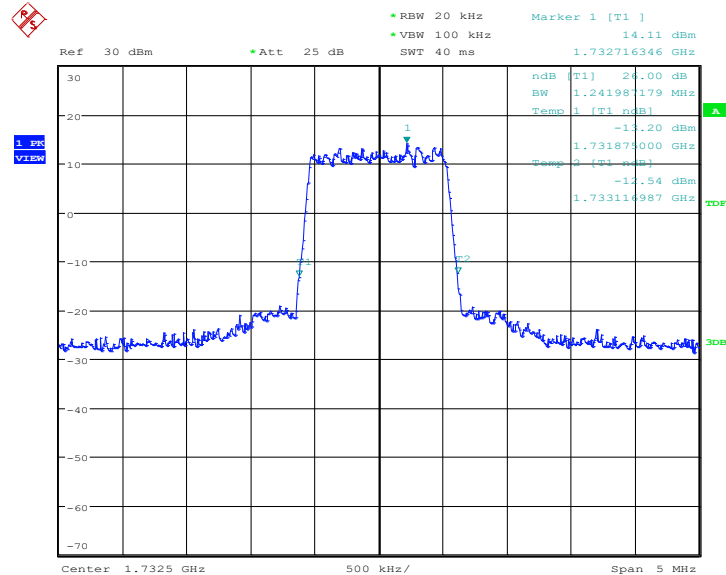


Date: 10.MAR.2020 20:03:40

LTE band 4, 1.4MHz (-26dBc BW)

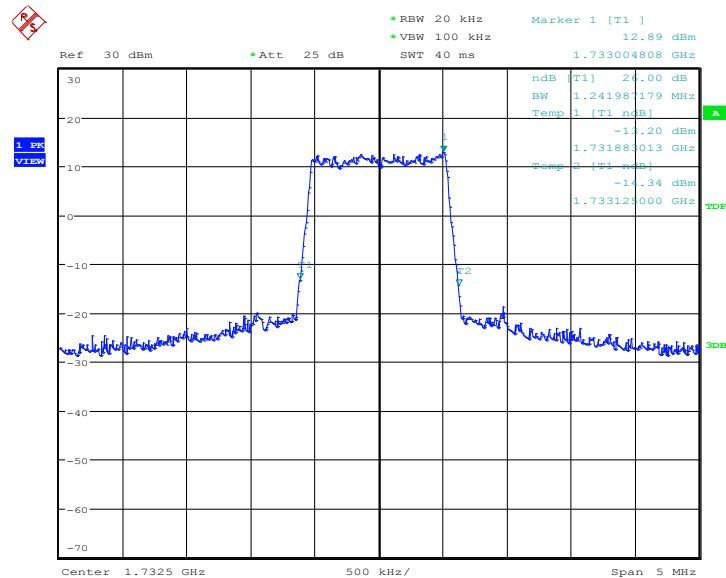
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1732.5	QPSK	16QAM	64QAM
	1241.99	1241.99	1233.97

LTE band 4, 1.4MHz Bandwidth, QPSK (-26dBc BW)



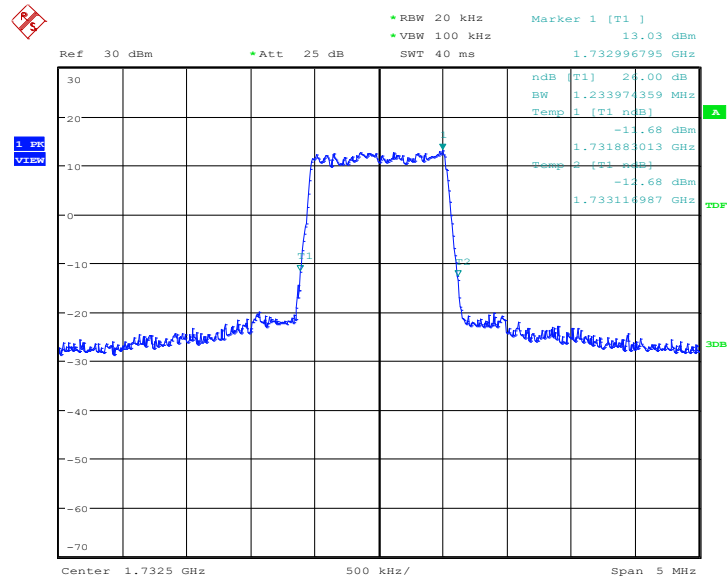
Date: 10.MAR.2020 14:08:43

LTE band 4, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 14:08:59

LTE band 4, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

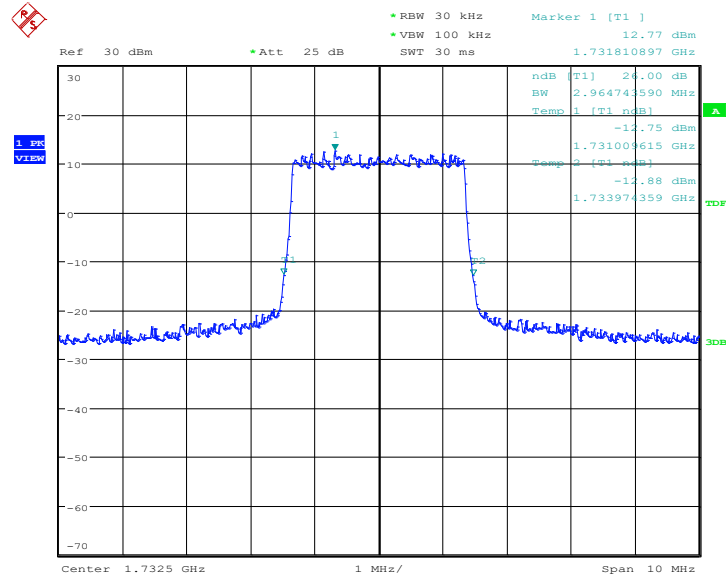


Date: 10.MAR.2020 20:07:01

LTE band 4, 3MHz (-26dBc BW)

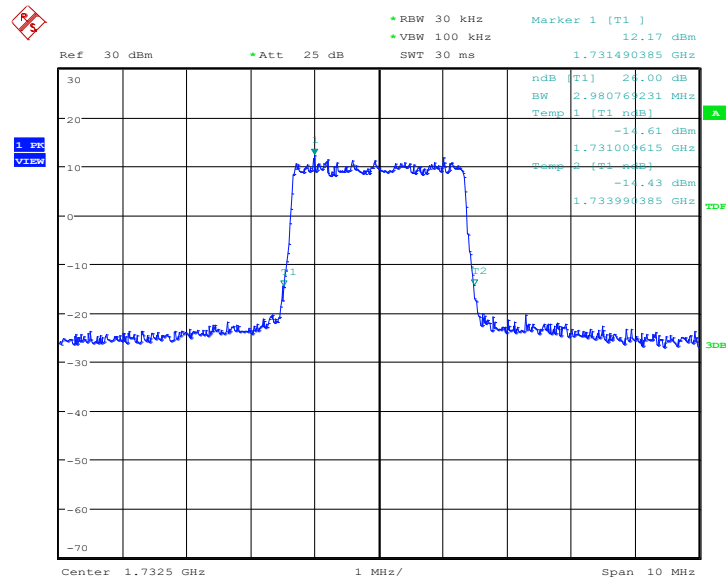
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1732.5	QPSK	16QAM	64QAM
	2964.74	2980.77	2980.77

LTE band 4, 3MHz Bandwidth, QPSK (-26dBc BW)



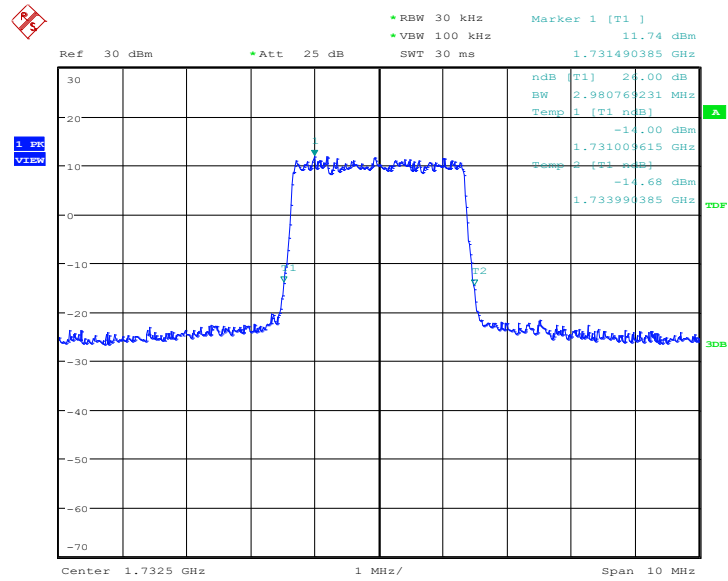
Date: 10.MAR.2020 14:13:59

LTE band 4, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 14:14:14

LTE band 4, 3MHz Bandwidth, 64QAM (-26dBc BW)

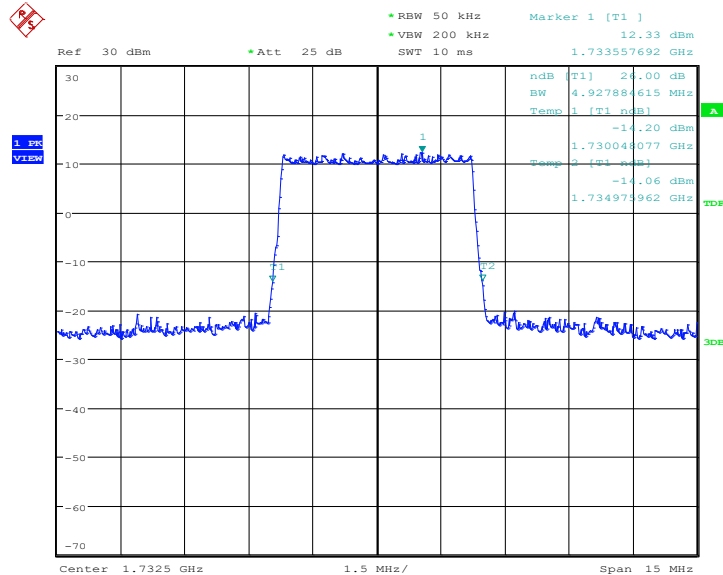


Date: 10.MAR.2020 20:10:20

LTE band 4, 5MHz (-26dBc BW)

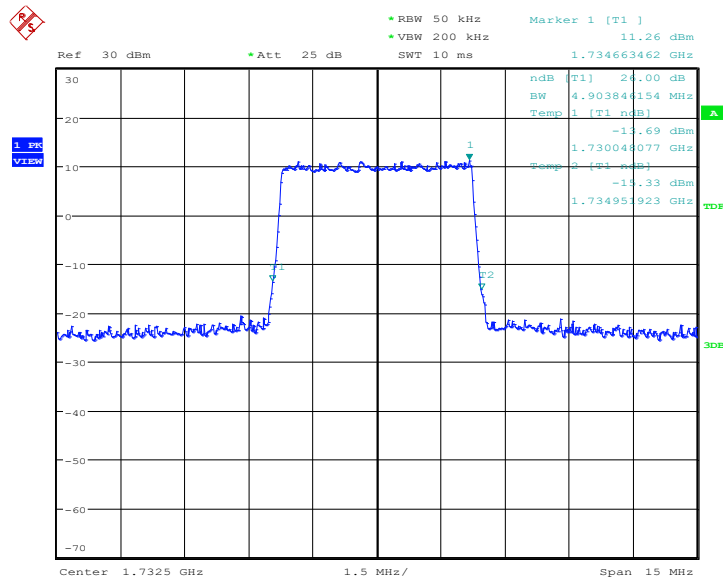
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1732.5	QPSK	16QAM	64QAM
	4927.88	4903.85	4903.85

LTE band 4, 5MHz Bandwidth, QPSK (-26dBc BW)



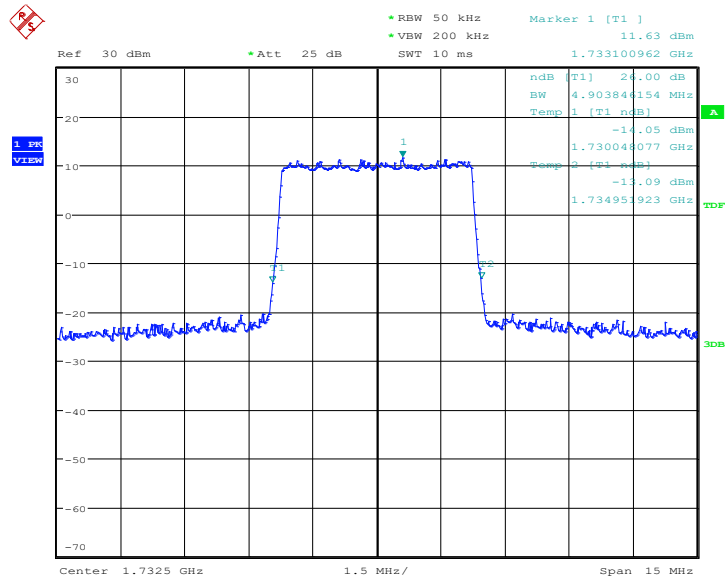
Date: 10.MAR.2020 14:19:14

LTE band 4, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 14:19:30

LTE band 4, 5MHz Bandwidth,64QAM (-26dBc BW)

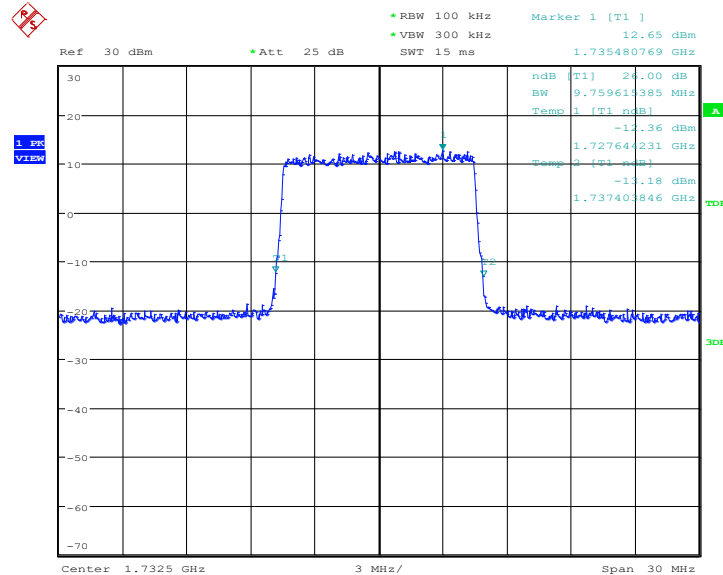


Date: 10.MAR.2020 20:13:39

LTE band 4, 10MHz (-26dBc BW)

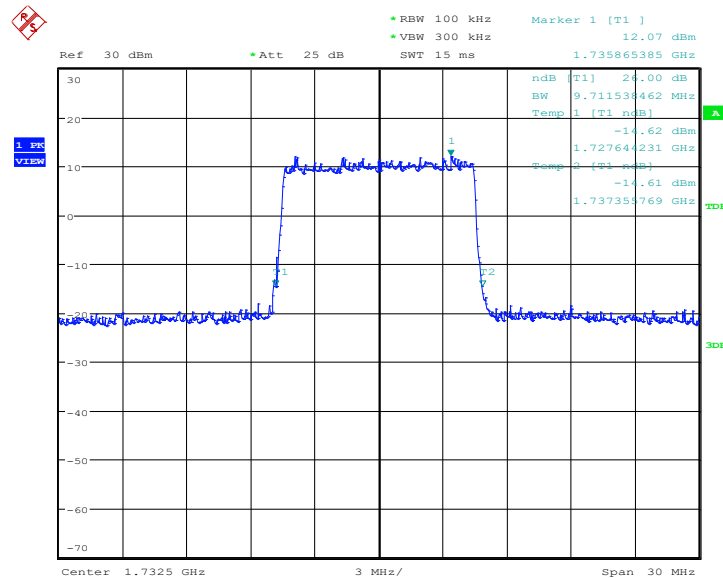
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1732.5	QPSK	16QAM	64QAM
	9759.62	9711.54	9711.54

LTE band 4, 10MHz Bandwidth, QPSK (-26dBc BW)



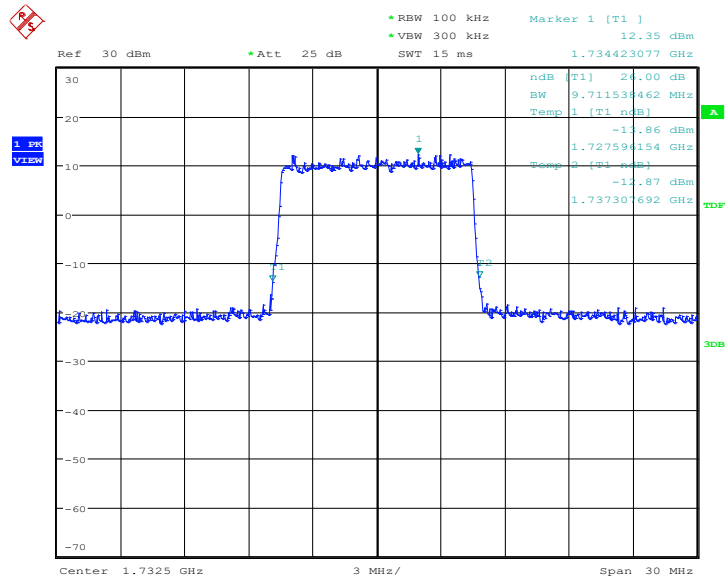
Date: 10.MAR.2020 14:24:30

LTE band 4, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 14:24:46

LTE band 4, 10MHz Bandwidth, 64QAM (-26dBc BW)

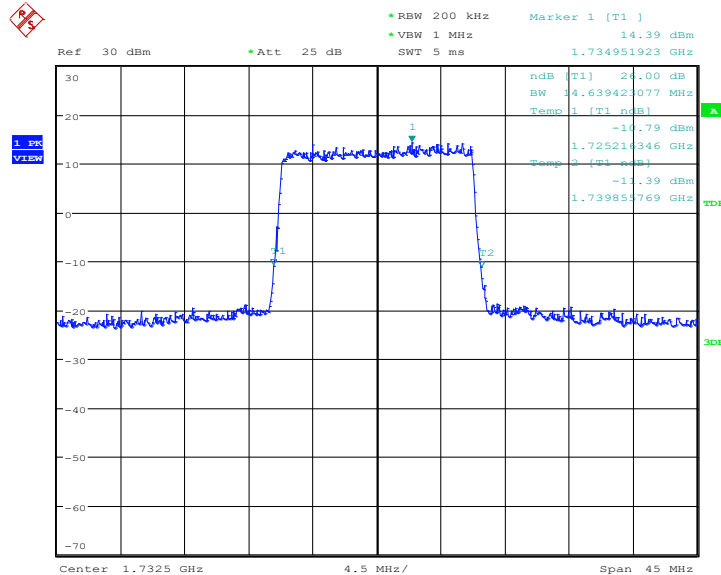


Date: 10.MAR.2020 20:16:58

LTE band 4, 15MHz (-26dBc BW)

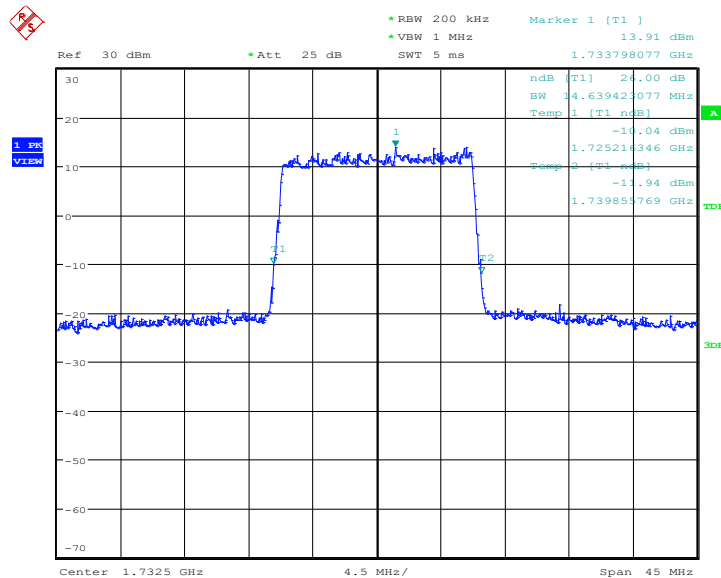
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1732.5	QPSK	16QAM	64QAM
	14639.42	14639.42	14567.31

LTE band 4, 15MHz Bandwidth, QPSK (-26dBc BW)



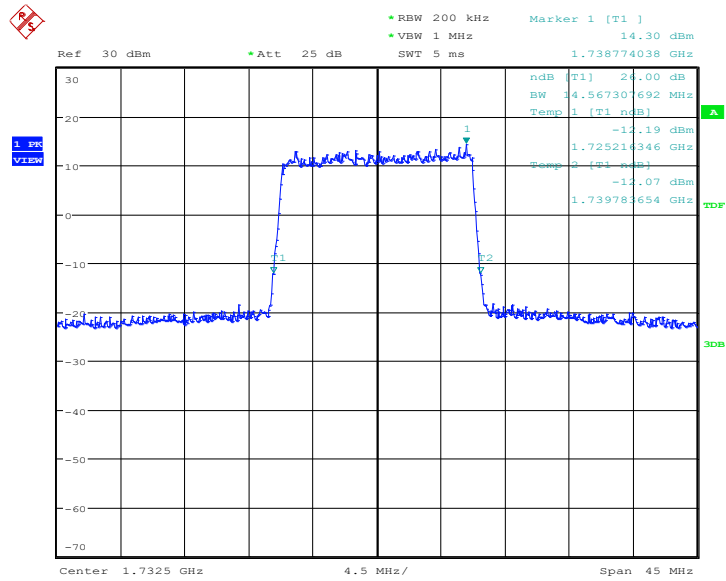
Date: 10.MAR.2020 14:29:50

LTE band 4, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 14:30:06

LTE band 4, 15MHz Bandwidth, 64QAM (-26dBc BW)

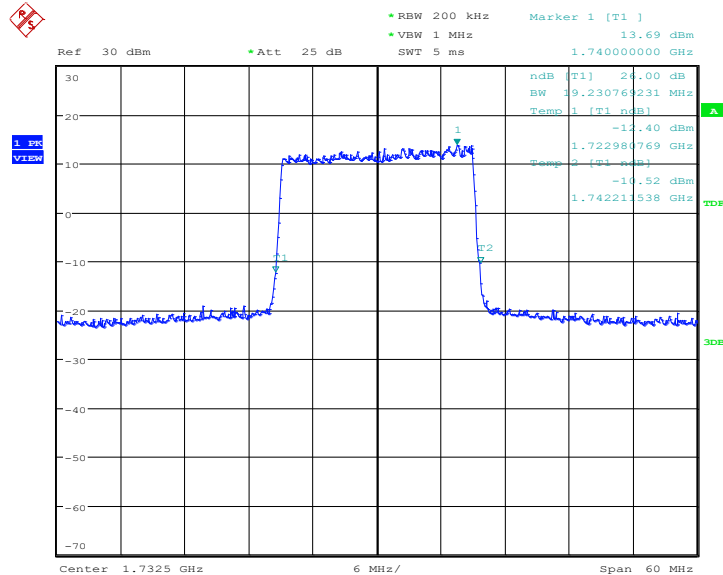


Date: 10.MAR.2020 20:20:17

LTE band 4, 20MHz (-26dBc BW)

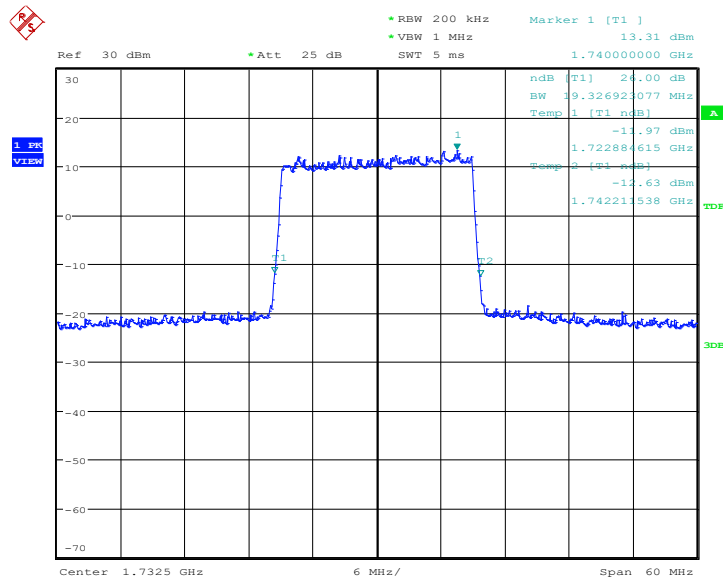
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1732.5	QPSK	16QAM	64QAM
	19230.77	19326.92	19326.92

LTE band 4, 20MHz Bandwidth, QPSK (-26dBc BW)



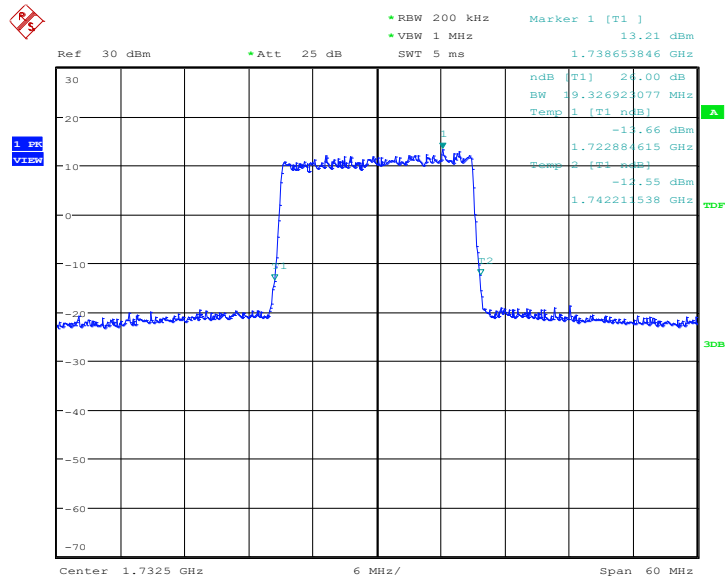
Date: 10.MAR.2020 14:35:10

LTE band 4, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 14:35:26

LTE band 4, 20MHz Bandwidth, 64QAM (-26dBc BW)

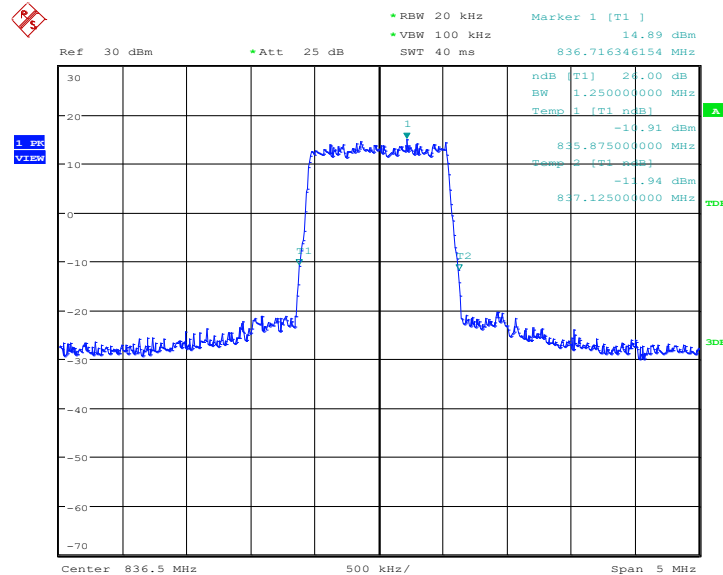


Date: 10.MAR.2020 20:23:36

LTE band 5, 1.4MHz (-26dBc BW)

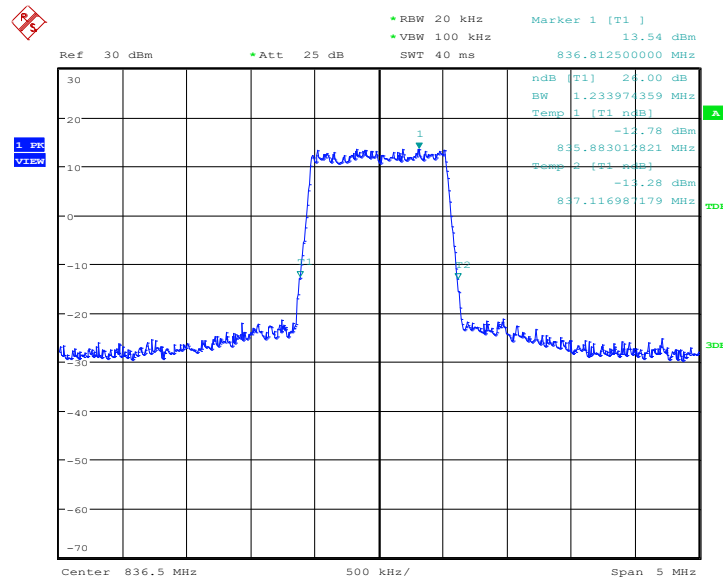
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	1250.00	1233.97	1241.99

LTE band 5, 1.4MHz Bandwidth, QPSK (-26dBc BW)



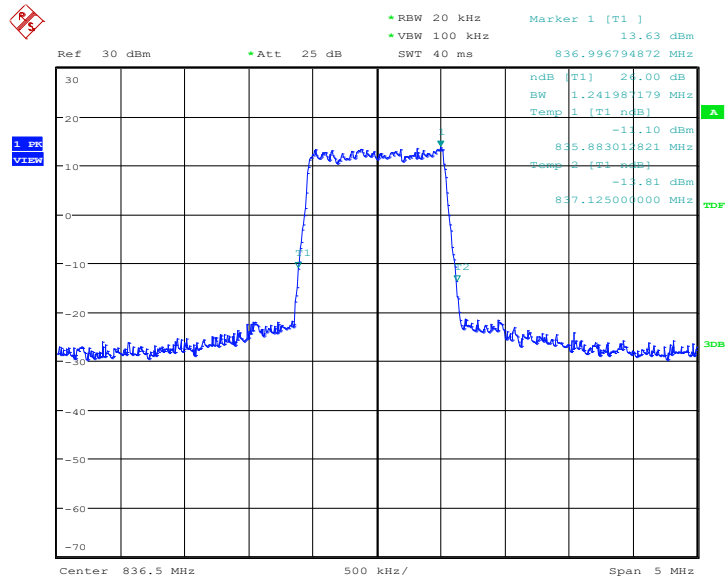
Date: 10.MAR.2020 13:15:49

LTE band 5, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 13:16:05

LTE band 5, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

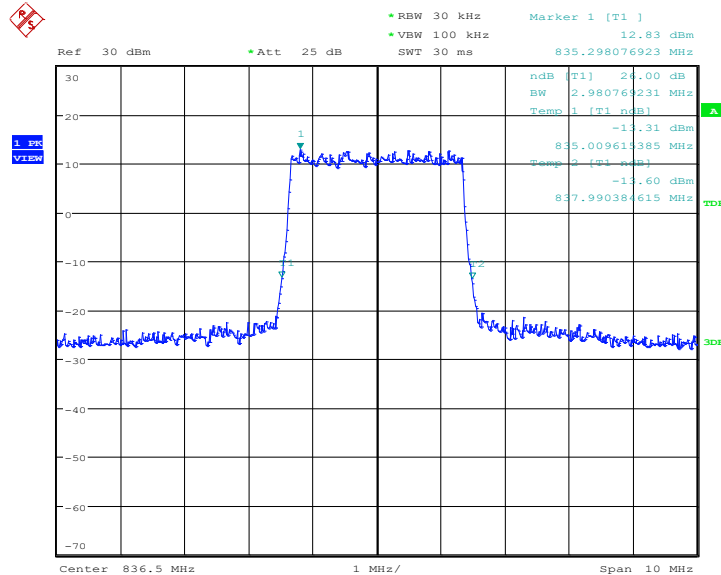


Date: 10.MAR.2020 19:33:47

LTE band 5, 3MHz (-26dBc BW)

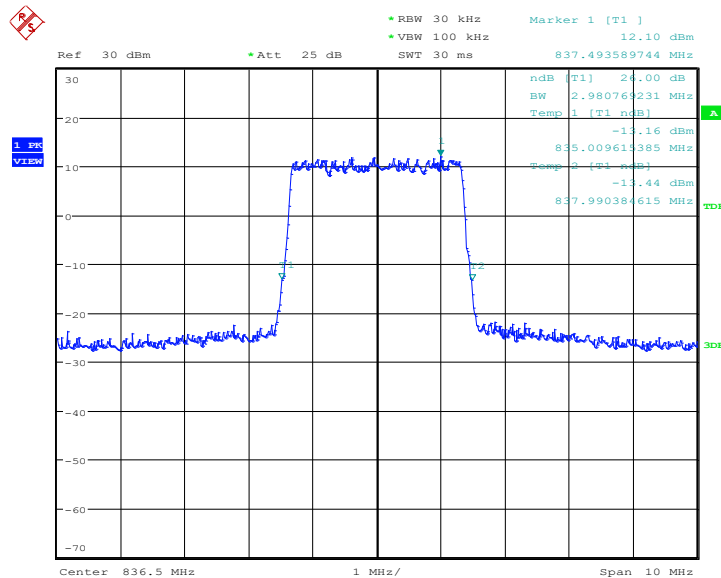
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	2980.77	2980.77	2980.77

LTE band 5, 3MHz Bandwidth, QPSK (-26dBc BW)



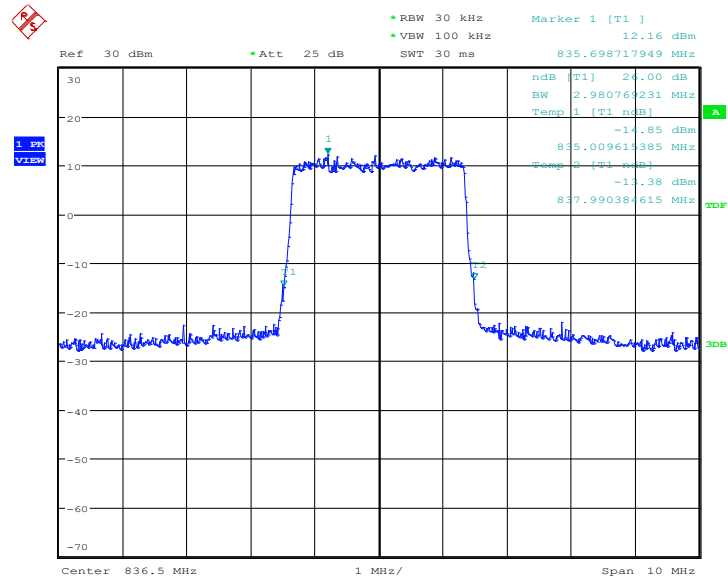
Date: 10.MAR.2020 13:21:06

LTE band 5, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 13:21:22

LTE band 5, 3MHz Bandwidth, 64QAM (-26dBc BW)

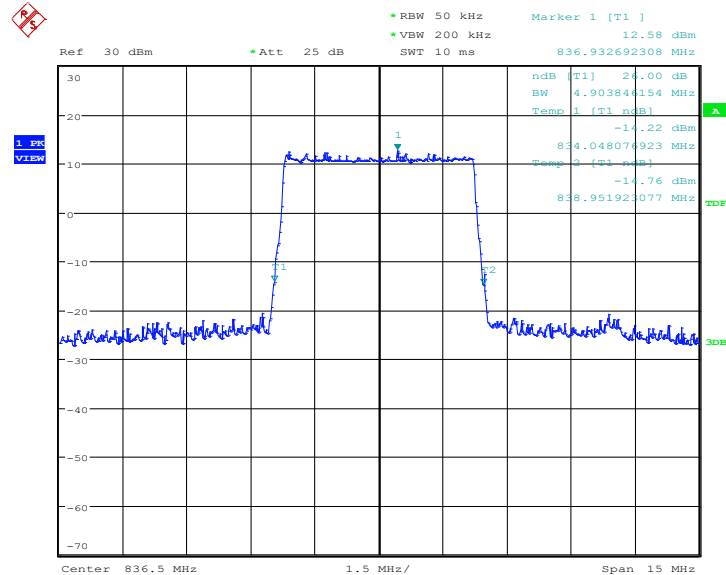


Date: 10.MAR.2020 19:37:06

LTE band 5, 5MHz (-26dBc BW)

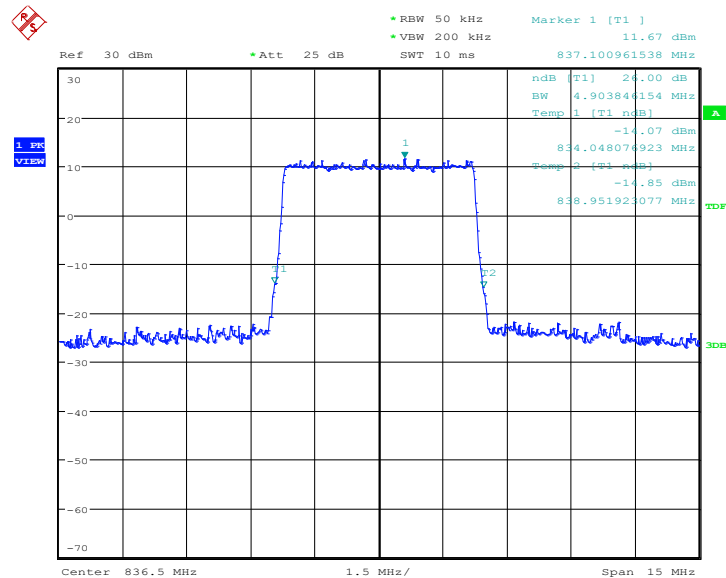
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	4903.85	4903.85	4879.81

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



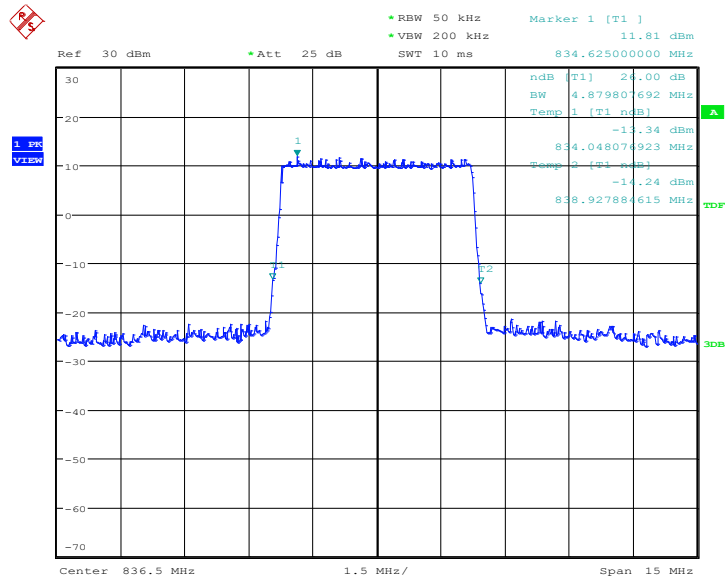
Date: 10.MAR.2020 13:26:24

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



Date: 10.MAR.2020 13:26:39

LTE band 5, 5MHz Bandwidth,64QAM (-26dBc BW)

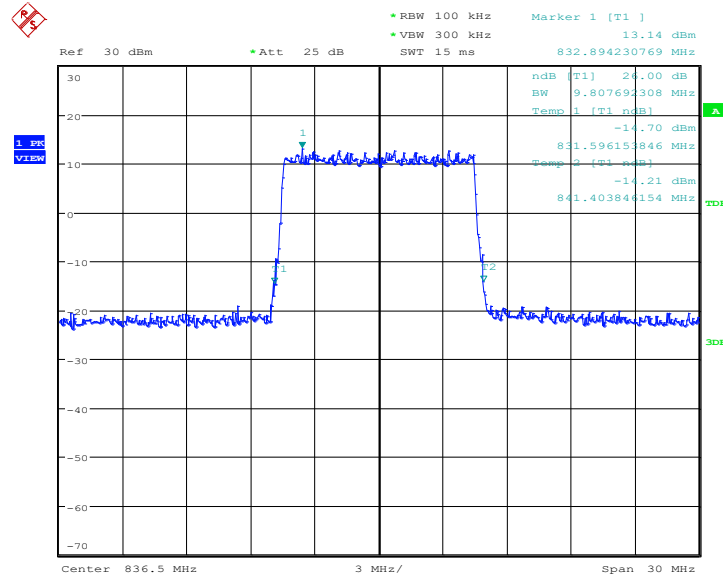


Date: 10.MAR.2020 19:40:25

LTE band 5, 10MHz (-26dBc BW)

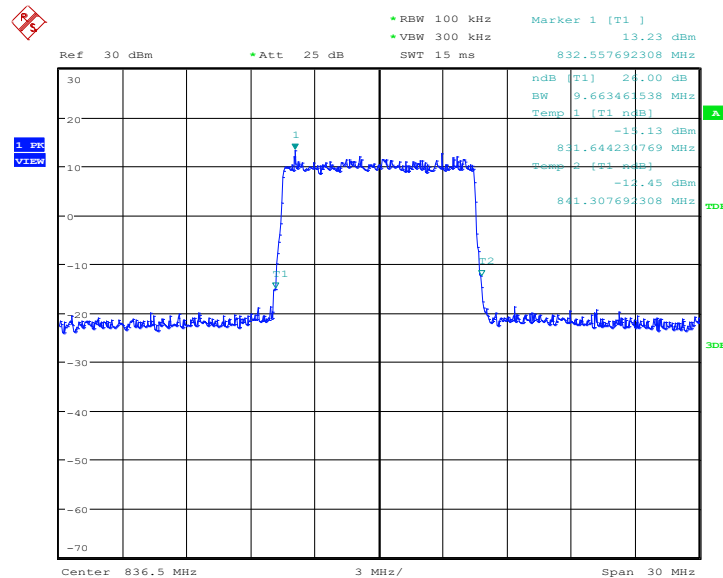
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	9807.69	9663.46	9711.54

LTE band 5, 10MHz Bandwidth, QPSK (-26dBc BW)



Date: 10.MAR.2020 13:31:39

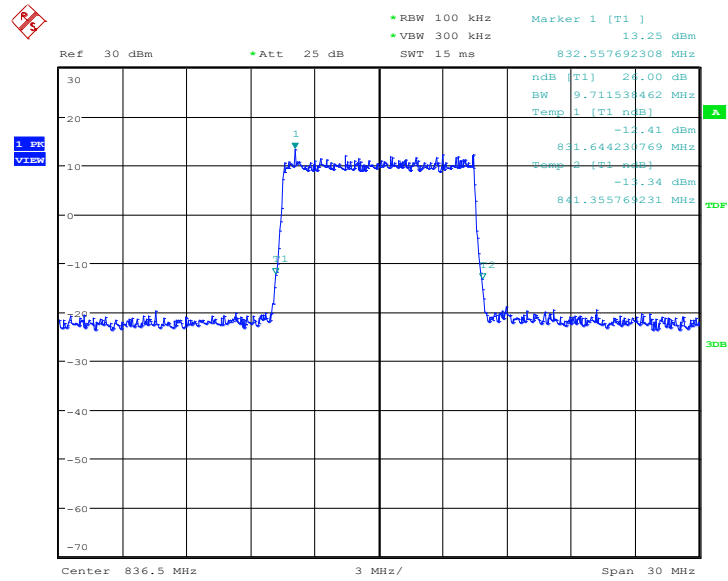
LTE band 5, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 13:31:55



LTE band 5, 10MHz Bandwidth, 64QAM (-26dBc BW)

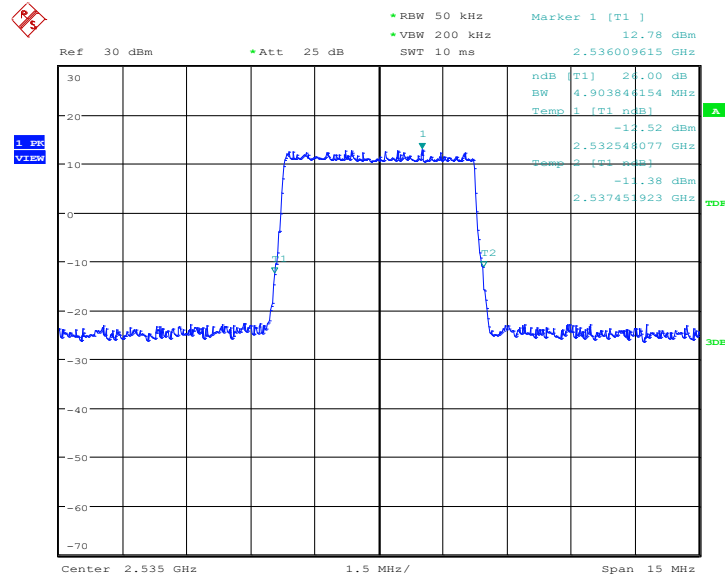


Date: 10.MAR.2020 19:43:44

LTE band 7, 5MHz (-26dBc BW)

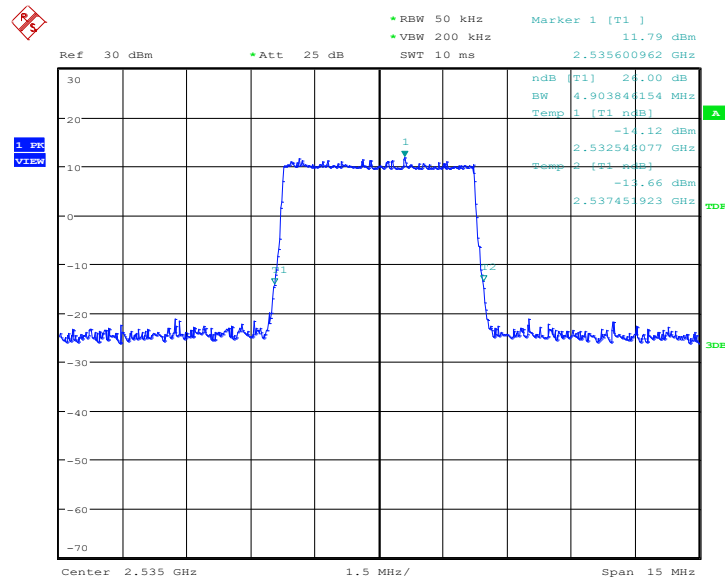
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2535.0	QPSK	16QAM	64QAM
	4903.85	4903.85	4927.89

LTE band 7, 5MHz Bandwidth, QPSK (-26dBc BW)



Date: 16.MAR.2020 20:15:31

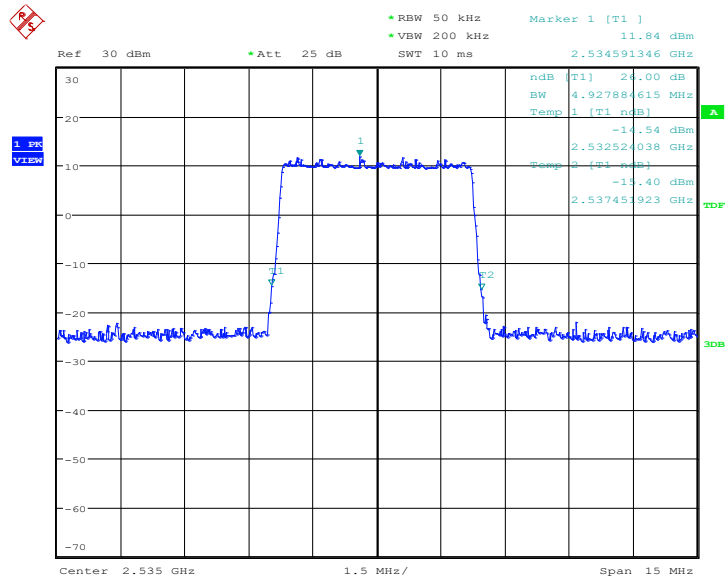
LTE band 7, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 16.MAR.2020 20:15:47



LTE band 7, 5MHz Bandwidth, 64QAM (-26dBc BW)

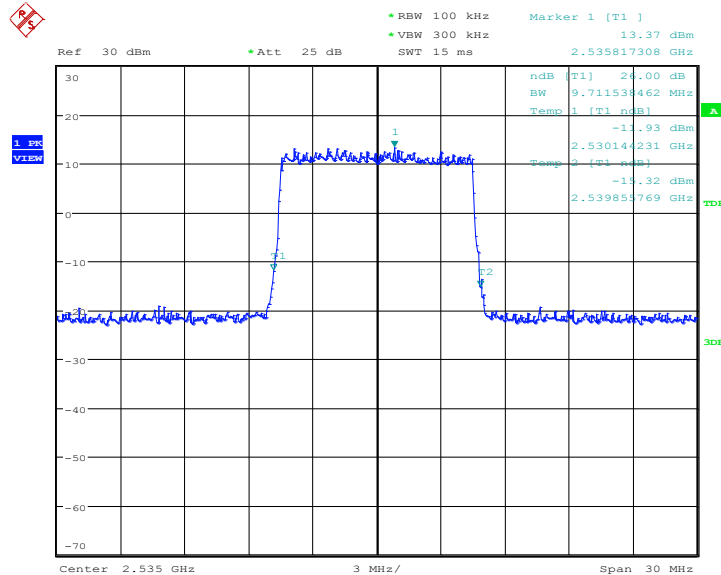


Date: 17.MAR.2020 14:25:46

LTE band 7, 10MHz (-26dBc BW)

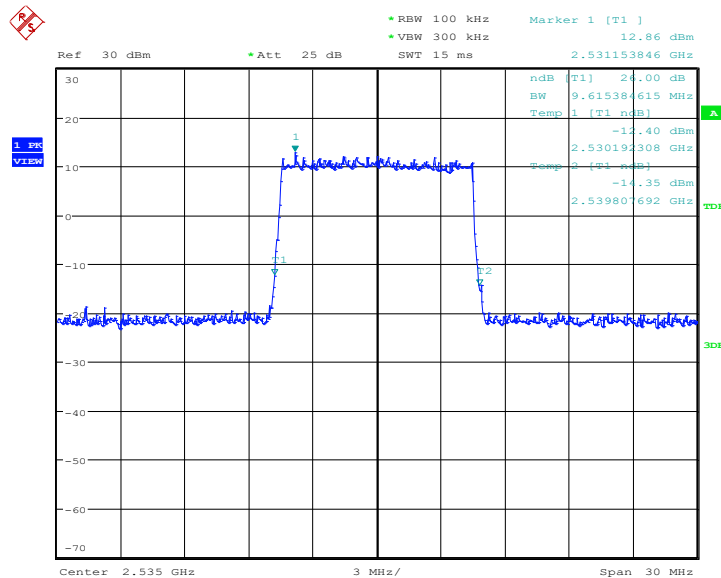
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2535.0	QPSK	16QAM	64QAM
	9711.54	9615.38	9711.54

LTE band 7, 10MHz Bandwidth, QPSK (-26dBc BW)



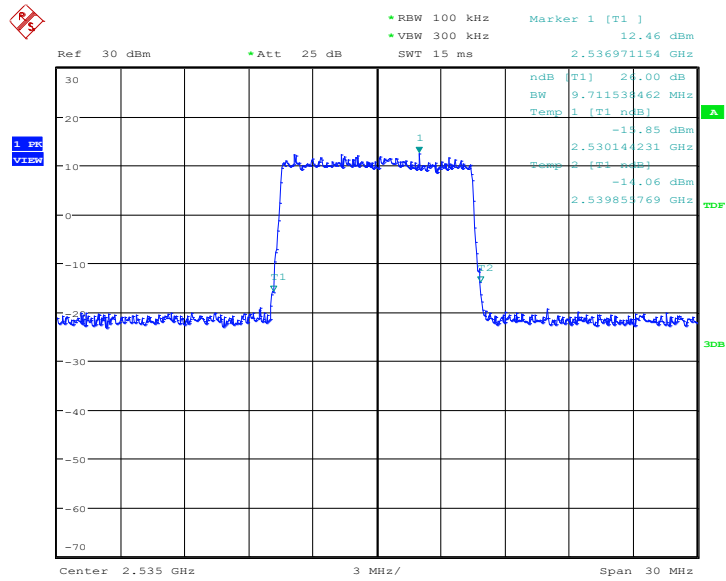
Date: 16.MAR.2020 20:20:57

LTE band 7, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 20:21:13

LTE band 7, 10MHz Bandwidth, 64QAM (-26dBc BW)

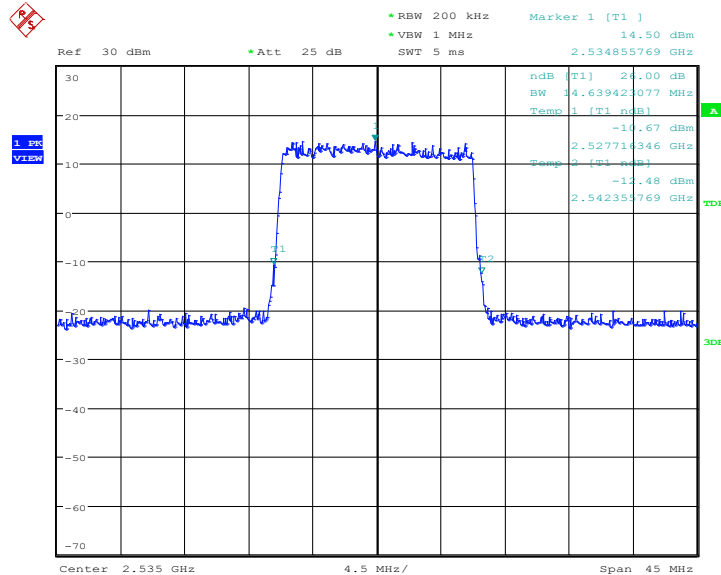


Date: 17.MAR.2020 14:30:08

LTE band 7, 15MHz (-26dBc BW)

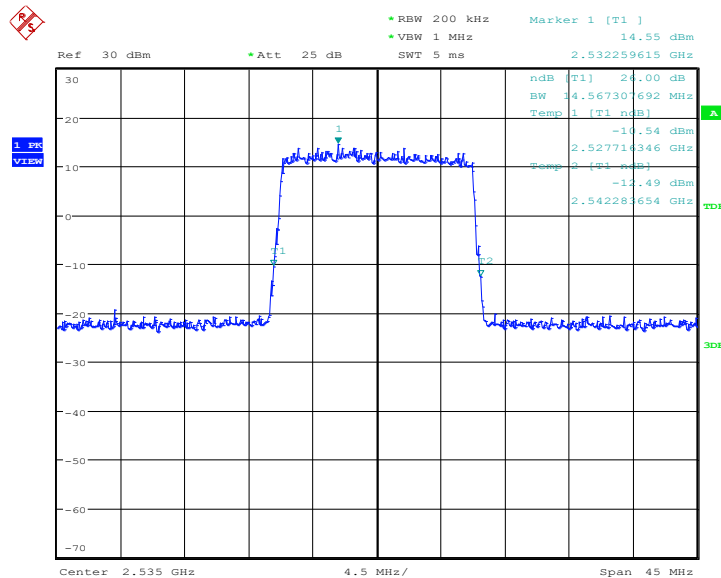
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2535.0	QPSK	16QAM	64QAM
	14639.42	14567.31	14639.42

LTE band 7, 15MHz Bandwidth, QPSK (-26dBc BW)



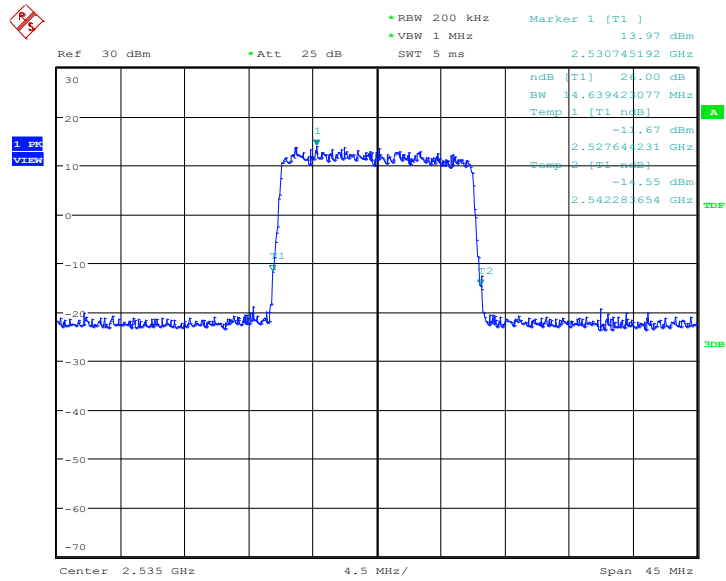
Date: 16.MAR.2020 20:26:23

LTE band 7, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 20:26:39

LTE band 7, 15MHz Bandwidth, 64QAM (-26dBc BW)

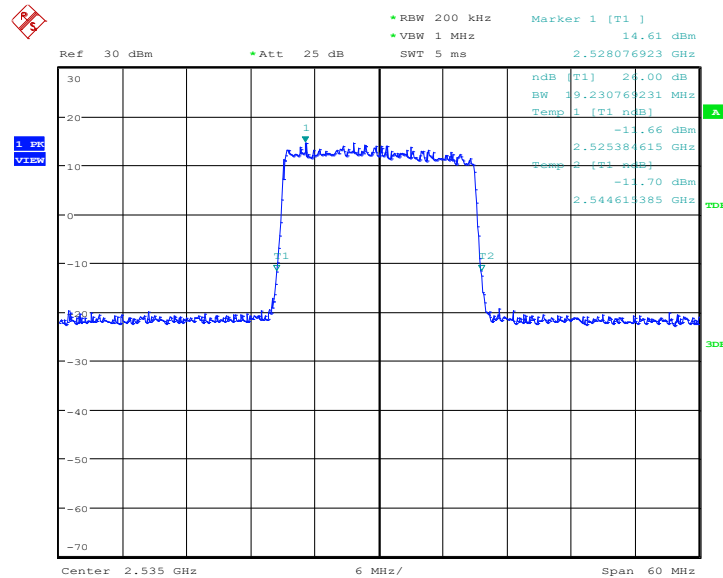


Date: 17.MAR.2020 14:34:33

LTE band 7, 20MHz (-26dBc BW)

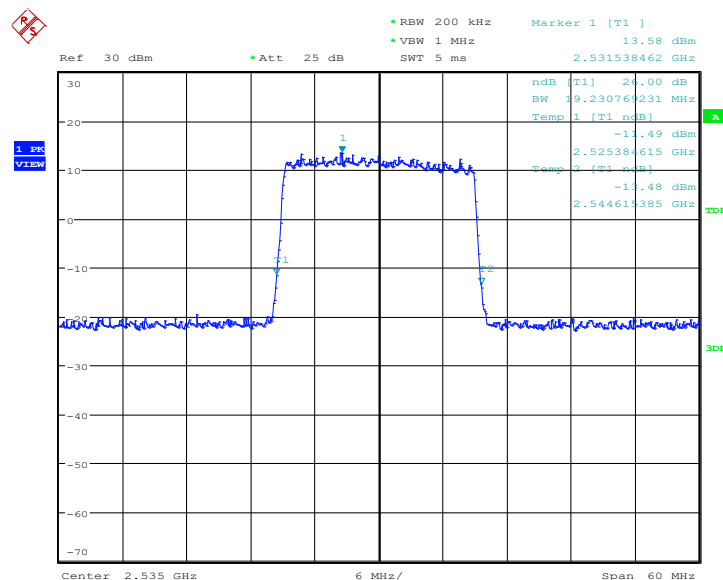
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2535.0	QPSK	16QAM	64QAM
	19230.77	19230.77	19326.92

LTE band 7, 20MHz Bandwidth, QPSK (-26dBc BW)



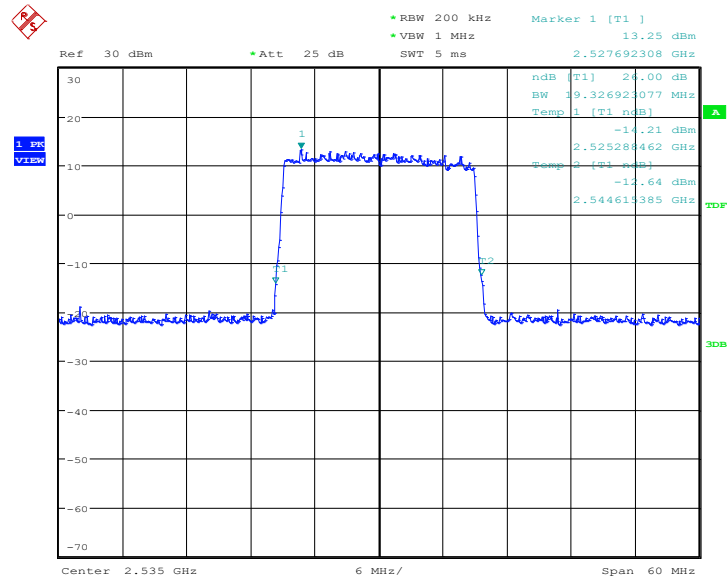
Date: 16.MAR.2020 20:31:52

LTE band 7, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 20:32:07

LTE band 7, 20MHz Bandwidth, 64QAM (-26dBc BW)



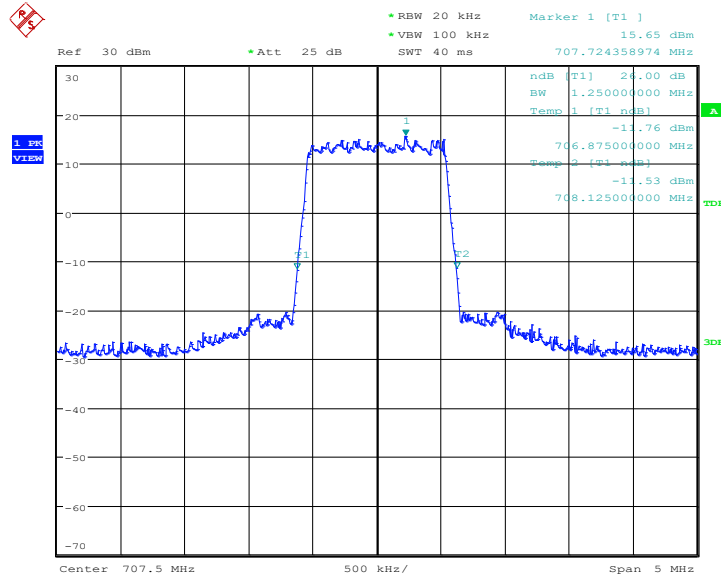
Date: 17.MAR.2020 14:38:57

Note: Expanded measurement uncertainty is $U = 3428\text{Hz}$, $k = 2$

LTE band 12, 1.4MHz (-26dBc BW)

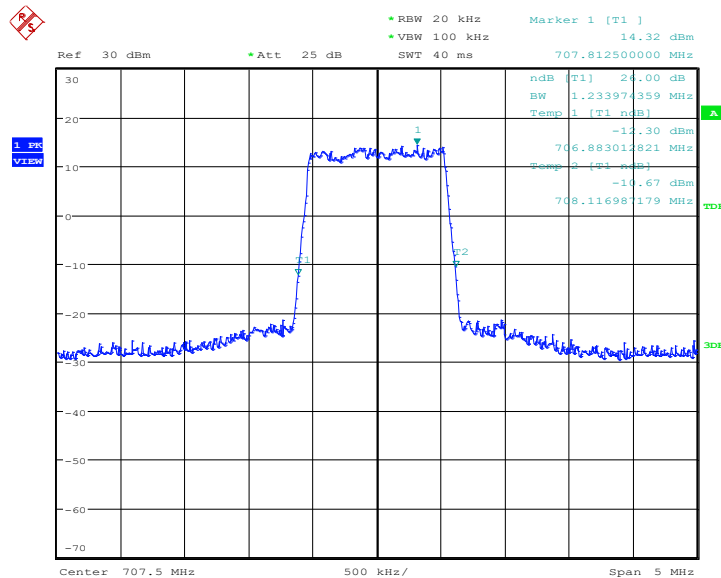
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
707.5	QPSK	16QAM	64QAM
	1250.00	1233.97	1233.97

LTE band 12, 1.4MHz Bandwidth, QPSK (-26dBc BW)



Date: 10.MAR.2020 15:03:27

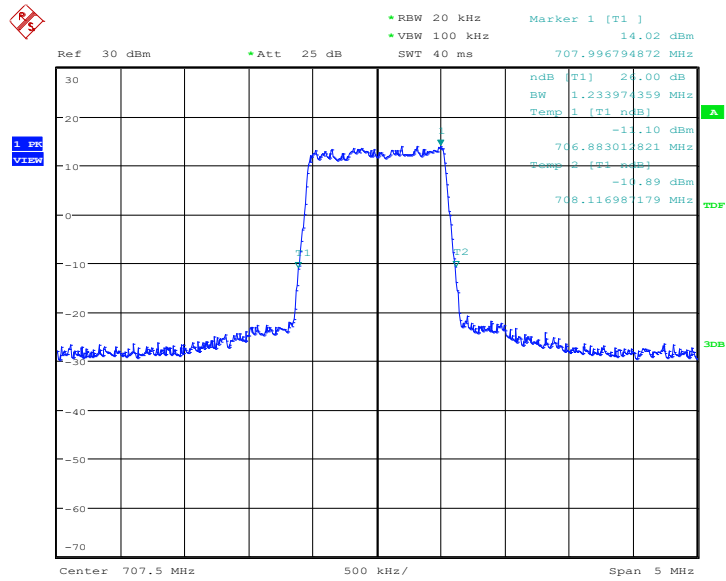
LTE band 12, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 15:03:43



LTE band 12, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

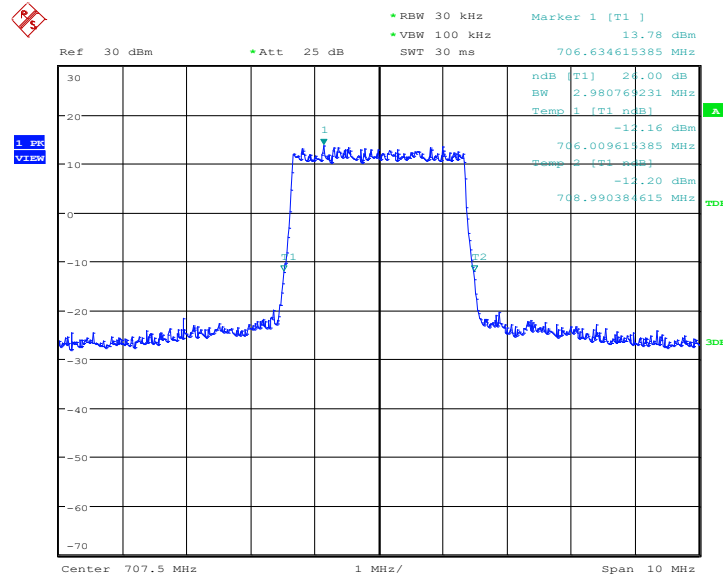


Date: 18.MAR.2020 16:30:10

LTE band 12, 3MHz (-26dBc BW)

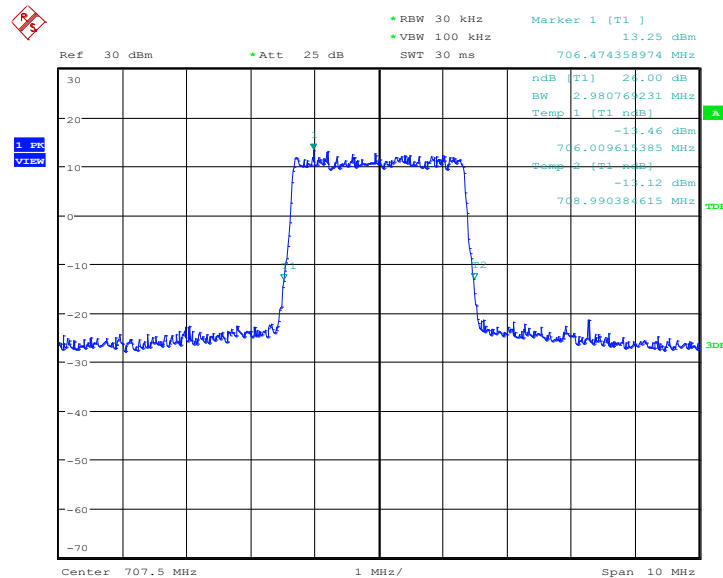
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
707.5	QPSK	16QAM	64QAM
	2980.77	2980.77	2980.77

LTE band 12, 3MHz Bandwidth, QPSK (-26dBc BW)



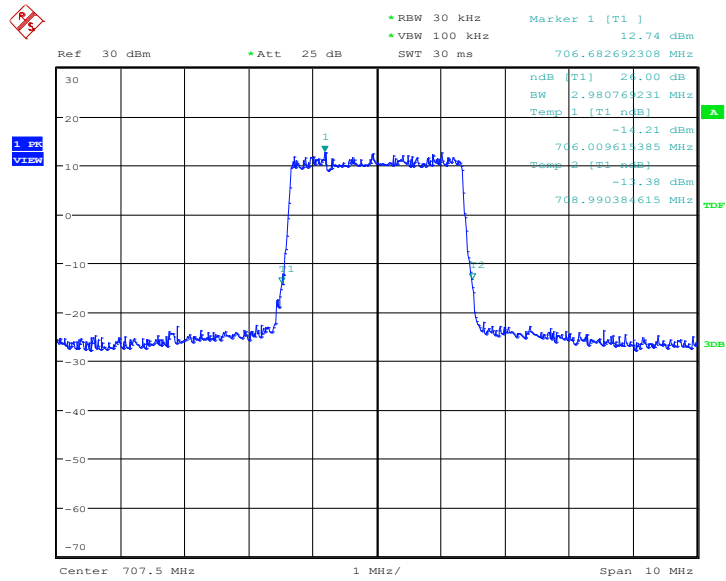
Date: 10.MAR.2020 15:08:42

LTE band 12, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 15:08:58

LTE band 12, 3MHz Bandwidth, 64QAM (-26dBc BW)

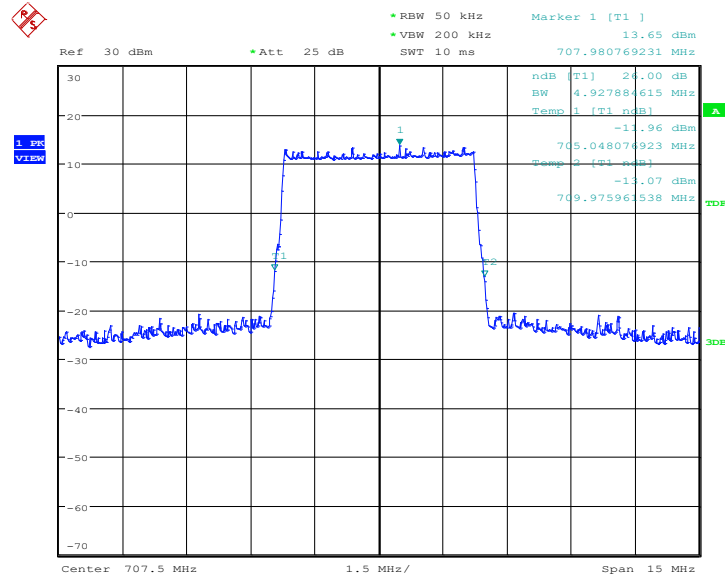


Date: 18.MAR.2020 16:34:31

LTE band 12, 5MHz (-26dBc BW)

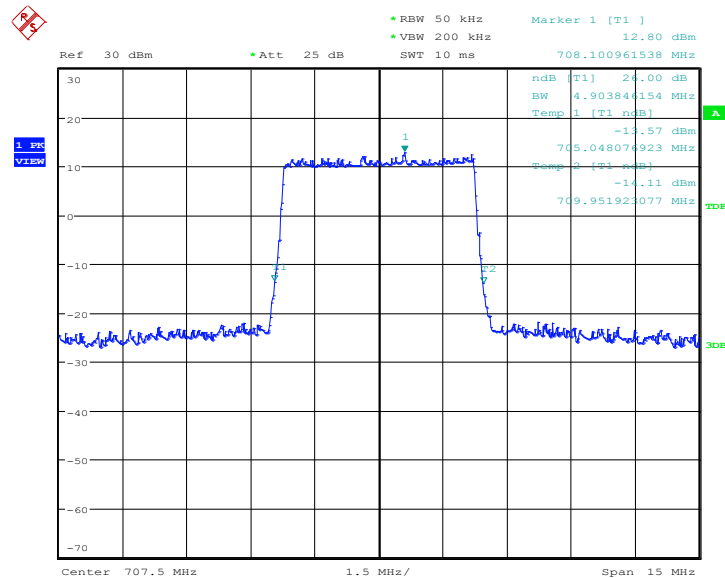
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
707.5	QPSK	16QAM	64QAM
	4927.88	4903.85	4951.92

LTE band 12, 5MHz Bandwidth, QPSK (-26dBc BW)



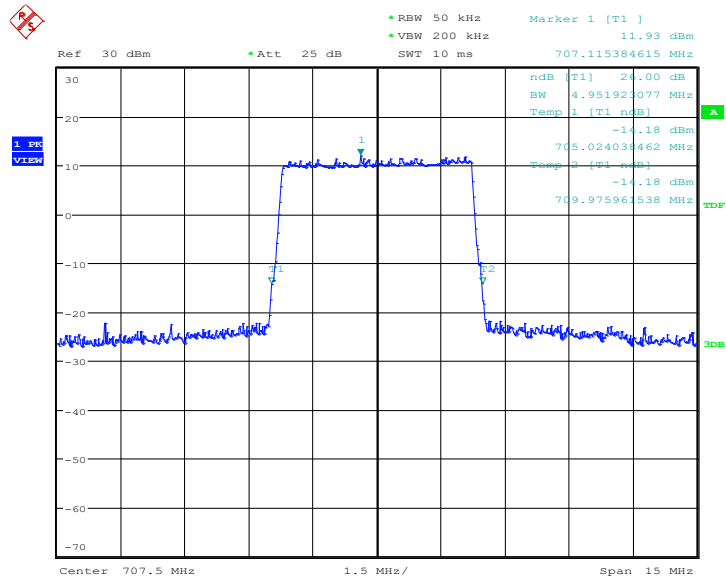
Date: 10.MAR.2020 15:14:02

LTE band 12, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 15:14:18

LTE band 12, 5MHz Bandwidth,64QAM (-26dBc BW)

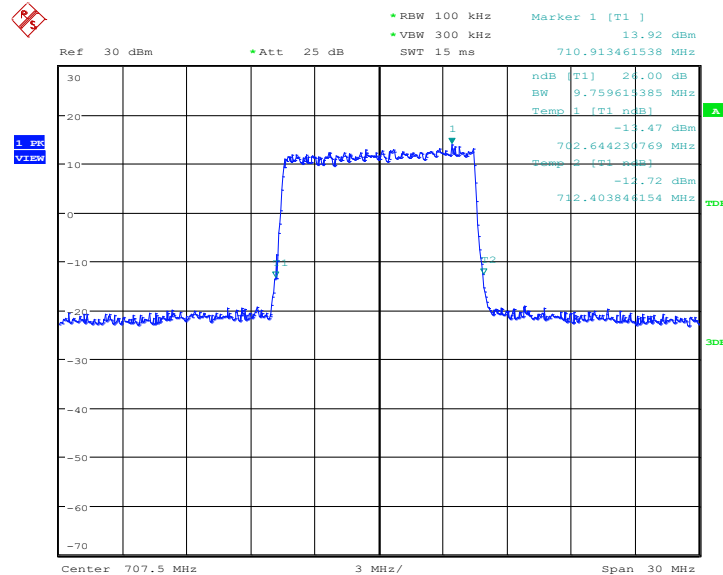


Date: 18.MAR.2020 16:38:55

LTE band 12, 10MHz (-26dBc BW)

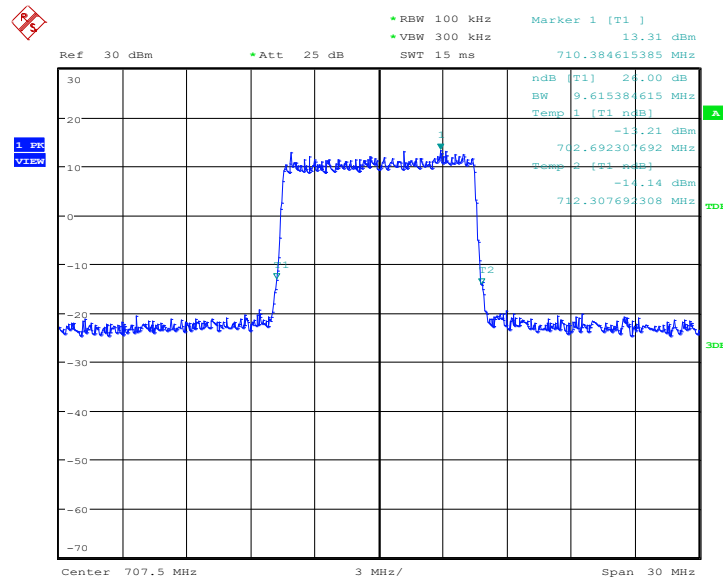
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
707.5	QPSK	16QAM	64QAM
	9759.62	9615.38	9711.54

LTE band 12, 10MHz Bandwidth, QPSK (-26dBc BW)



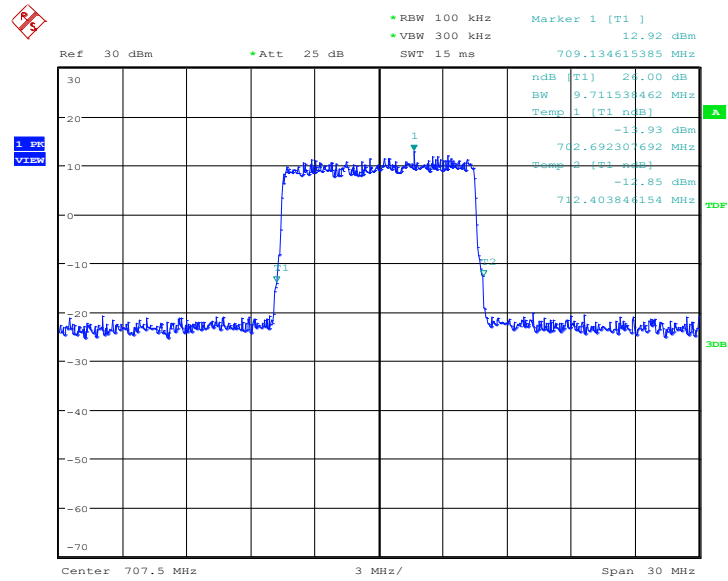
Date: 19.MAR.2020 17:53:31

LTE band 12, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 19.MAR.2020 17:53:53

LTE band 12, 10MHz Bandwidth, 64QAM (-26dBc BW)

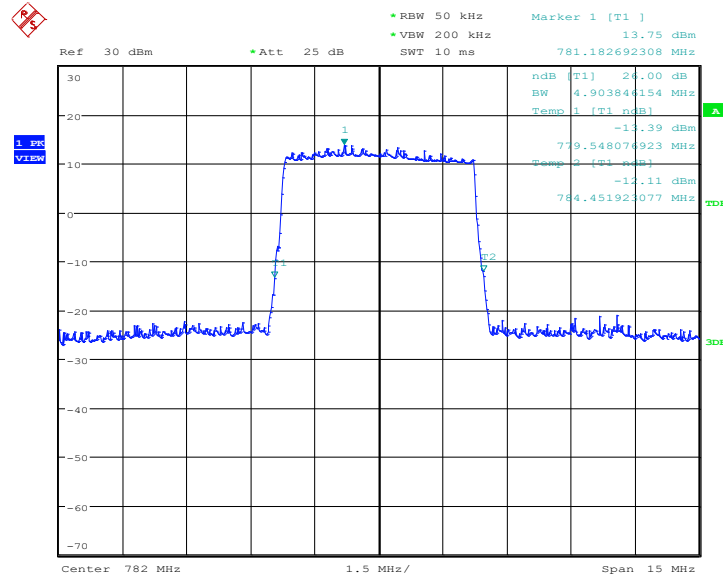


Date: 19.MAR.2020 17:54:47

LTE band 13, 5MHz (-26dBc BW)

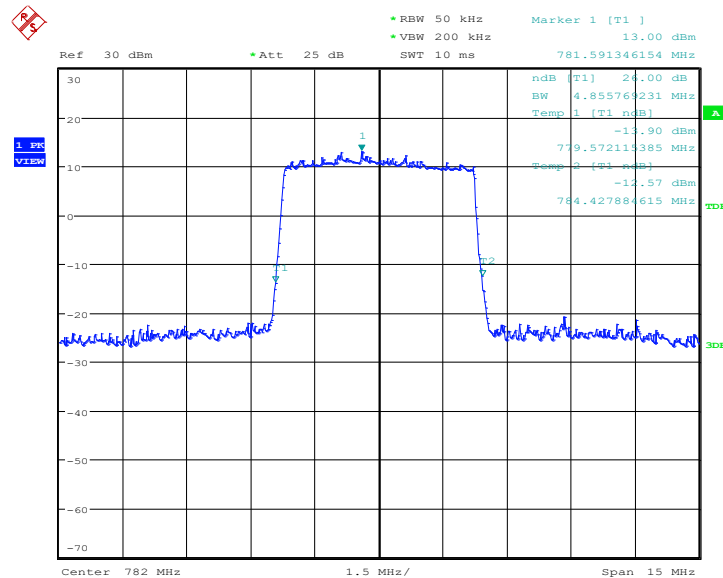
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
782.0	QPSK	16QAM	64QAM
	4903.85	4855.77	4879.81

LTE band 13, 5MHz Bandwidth, QPSK (-26dBc BW)



Date: 10.MAR.2020 13:05:14

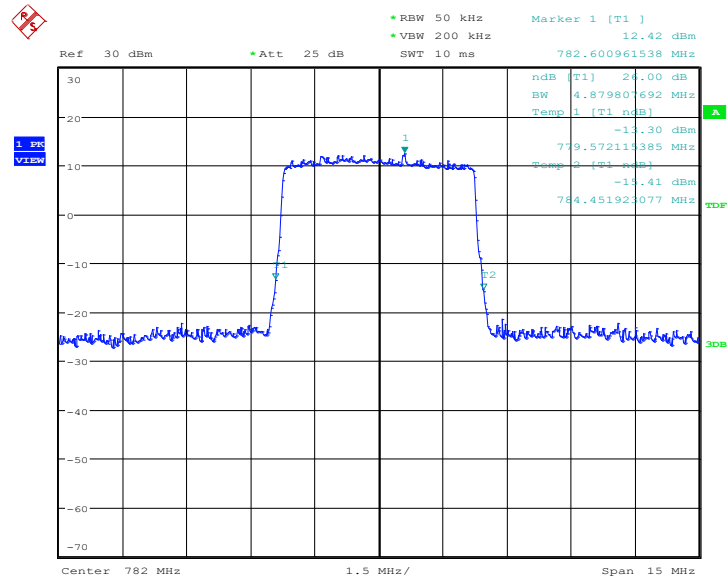
LTE band 13, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 13:05:30



LTE band 13, 5MHz Bandwidth, 64QAM (-26dBc BW)

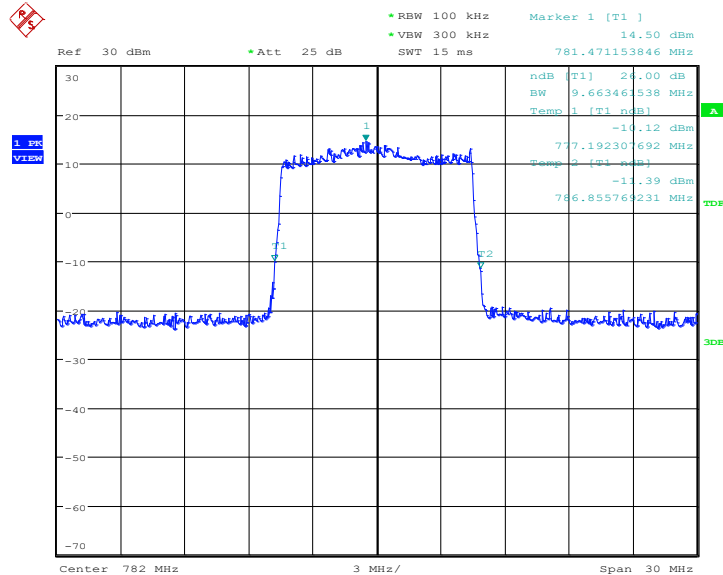


Date: 10.MAR.2020 19:27:07

LTE band 13, 10MHz (-26dBc BW)

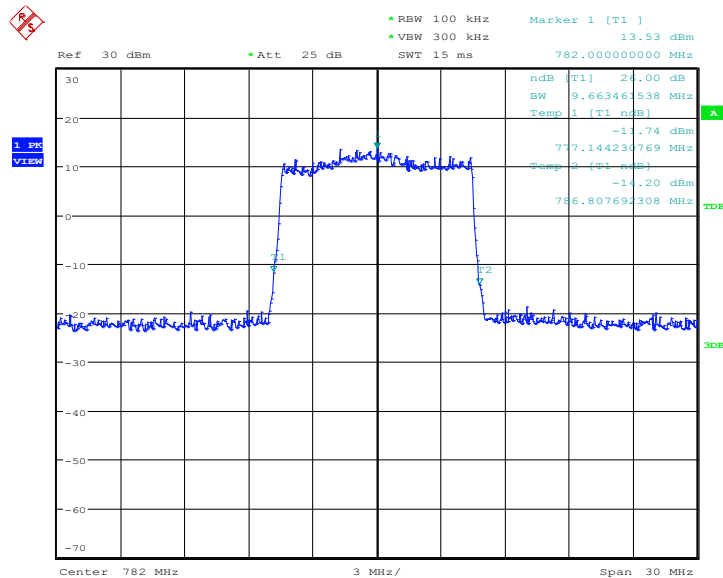
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
782.0	QPSK	16QAM	64QAM
	9663.46	9663.46	9567.31

LTE band 13, 10MHz Bandwidth, QPSK (-26dBc BW)



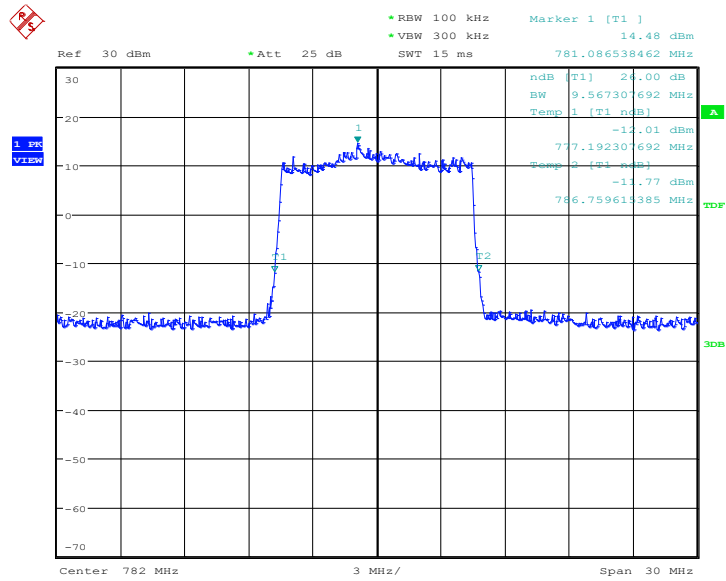
Date: 10.MAR.2020 13:10:30

LTE band 13, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 13:10:46

LTE band 13, 10MHz Bandwidth, 64QAM (-26dBc BW)

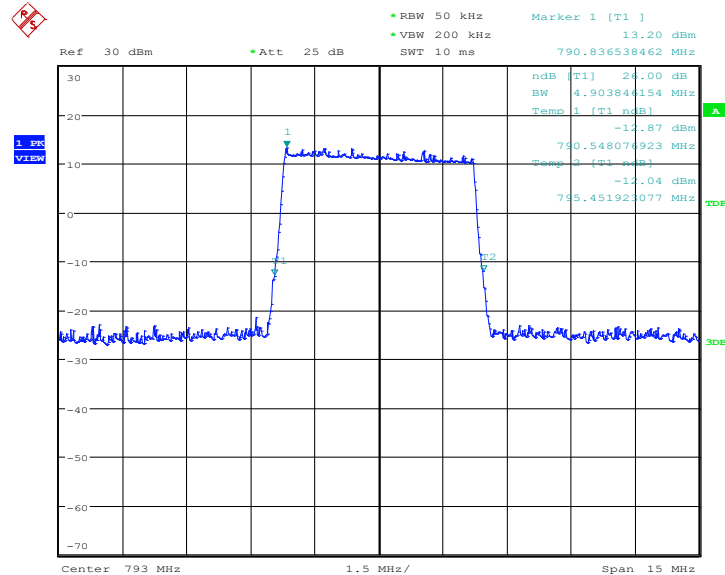


Date: 10.MAR.2020 19:30:26

LTE band 14, 5MHz (-26dBc BW)

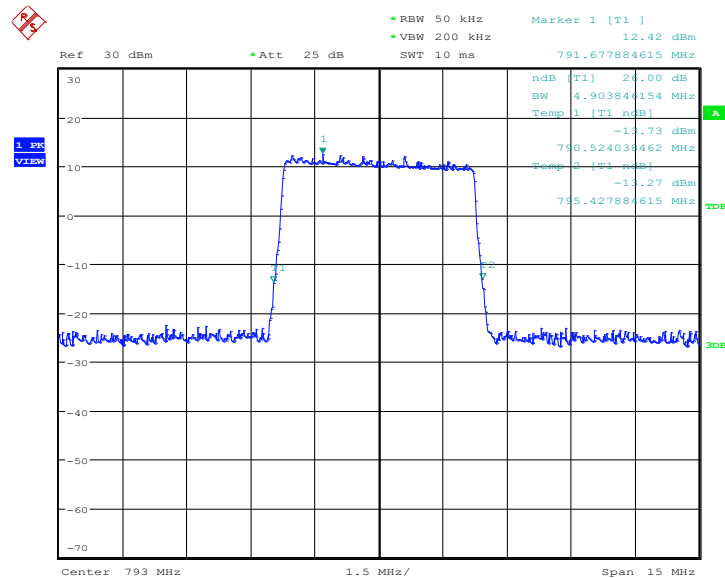
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
793.0	QPSK	16QAM	64QAM
	4903.85	4903.85	4879.81

LTE band 14, 5MHz Bandwidth, QPSK (-26dBc BW)



Date: 10.MAR.2020 15:52:21

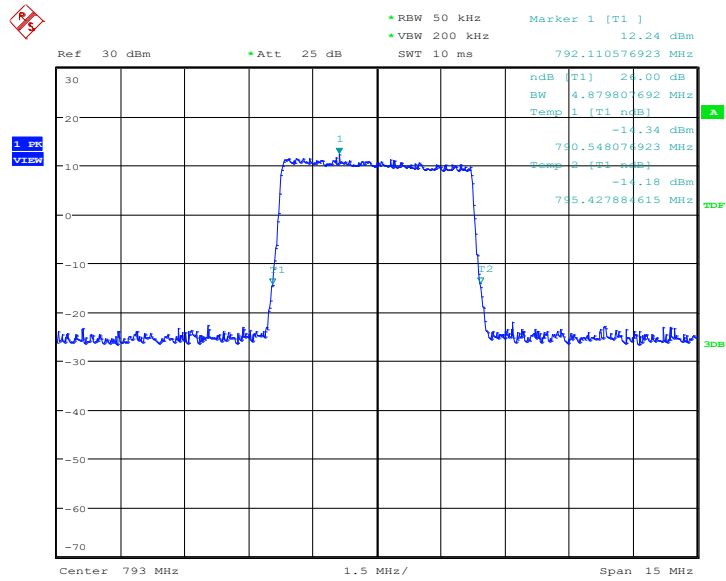
LTE band 14, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 15:52:37



LTE band 14, 5MHz Bandwidth, 64QAM (-26dBc BW)

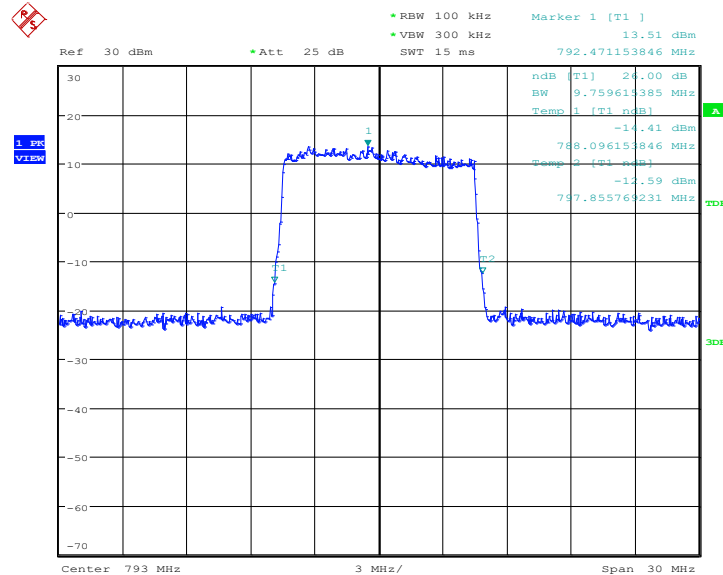


Date: 10.MAR.2020 20:27:01

LTE band 14, 10MHz (-26dBc BW)

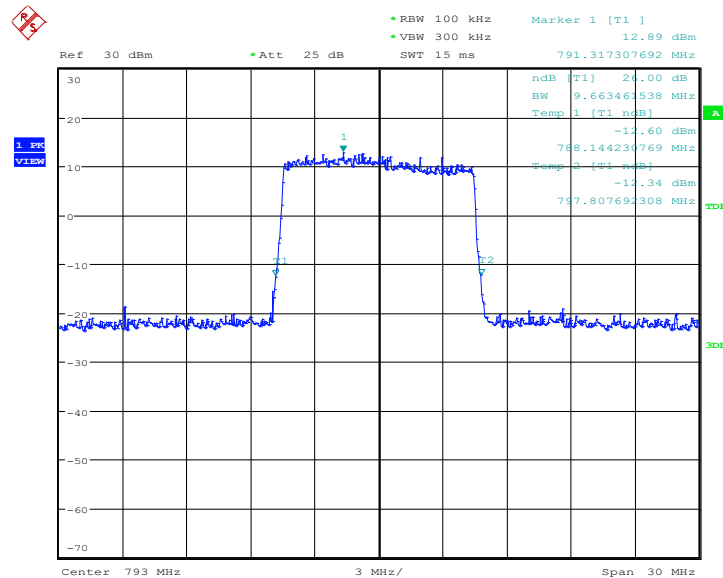
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
793.0	QPSK	16QAM	64QAM
	9759.62	9663.46	9615.38

LTE band 14, 10MHz Bandwidth, QPSK (-26dBc BW)



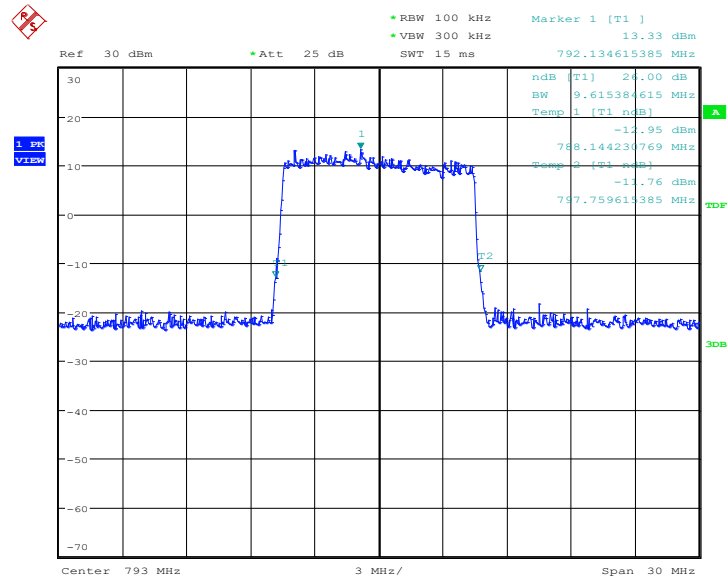
Date: 10.MAR.2020 15:57:37

LTE band 14, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 15:57:52

LTE band 14, 10MHz Bandwidth, 64QAM (-26dBc BW)

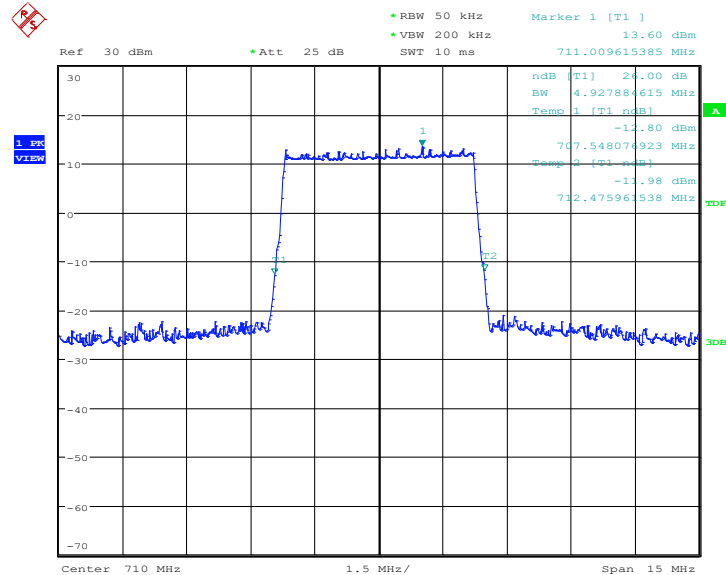


Date: 10.MAR.2020 20:30:20

LTE band 17, 5MHz (-26dBc BW)

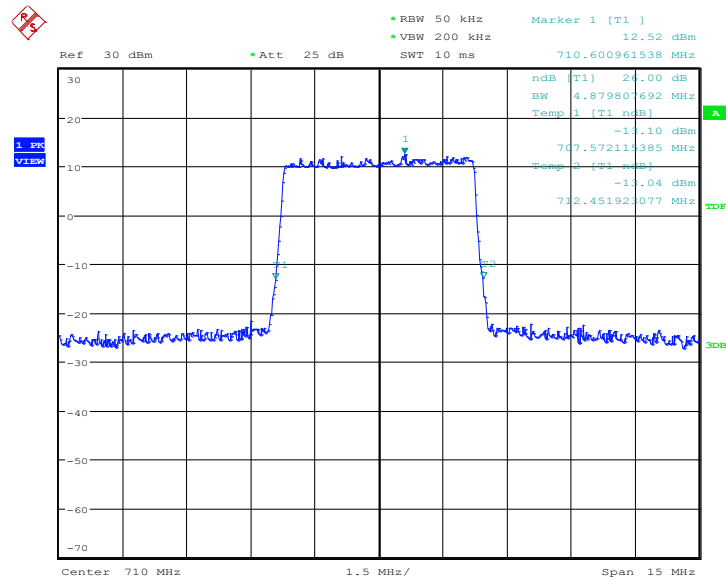
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
710.0	QPSK	16QAM	64QAM
	4927.88	4879.81	4879.81

LTE band 17, 5MHz Bandwidth, QPSK (-26dBc BW)



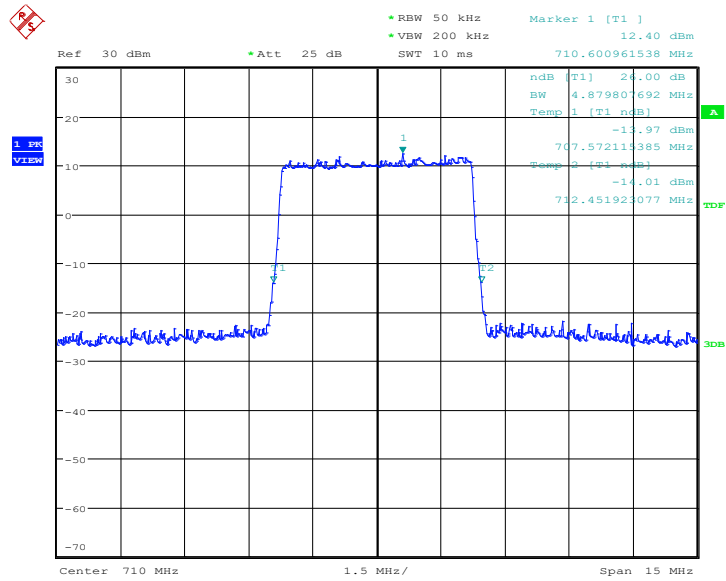
Date: 10.MAR.2020 16:02:59

LTE band 17, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 16:03:14

LTE band 17, 5MHz Bandwidth,64QAM (-26dBc BW)

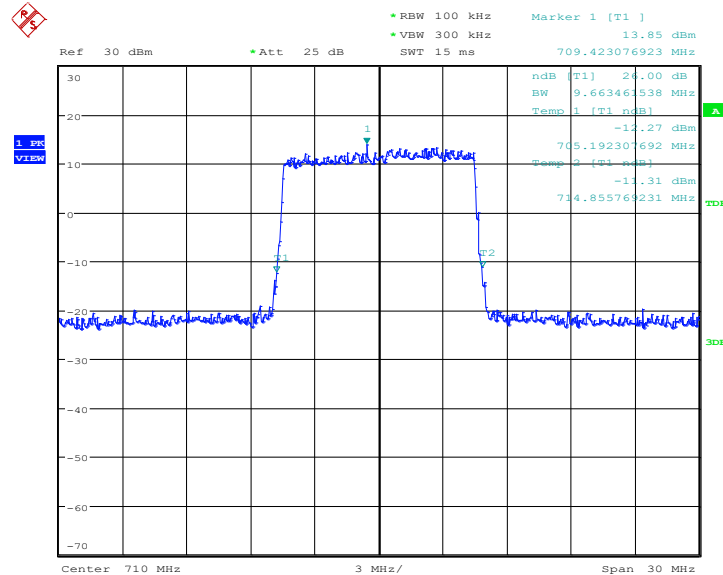


Date: 18.MAR.2020 15:48:44

LTE band 17, 10MHz (-26dBc BW)

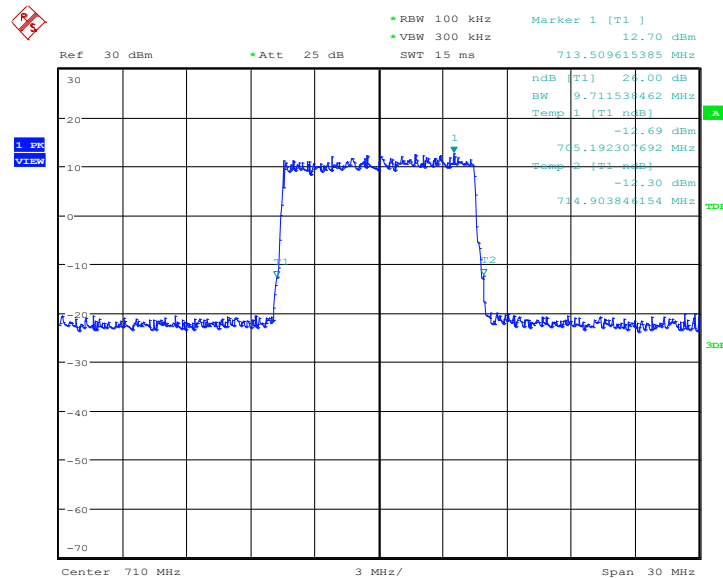
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
710.0	QPSK	16QAM	64QAM
	9663.46	9711.54	9663.46

LTE band 17, 10MHz Bandwidth, QPSK (-26dBc BW)



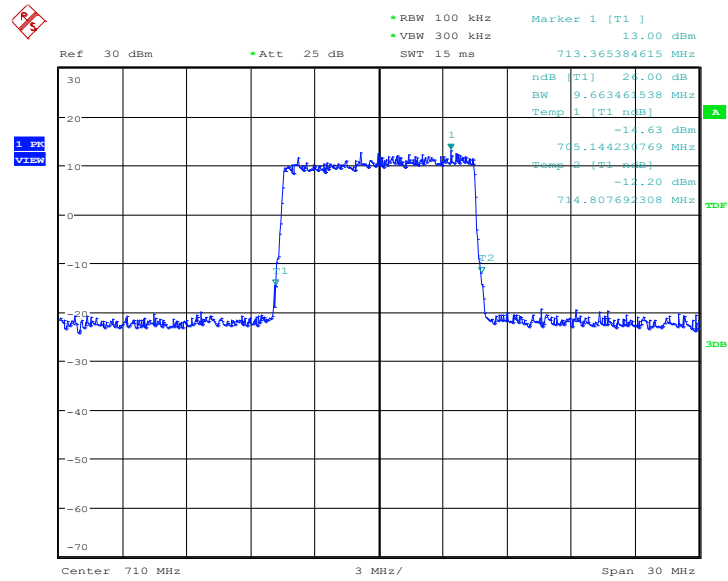
Date: 18.MAR.2020 15:39:41

LTE band 17, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 18.MAR.2020 15:39:57

LTE band 17, 10MHz Bandwidth, 64QAM (-26dBc BW)

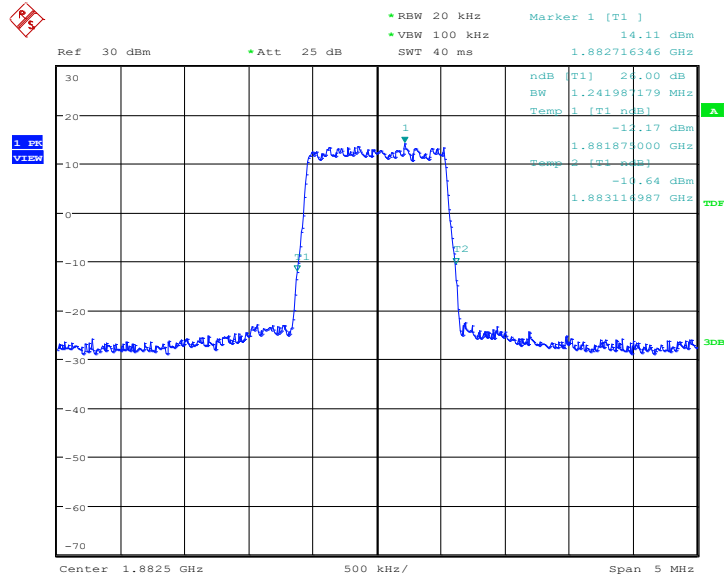


Date: 18.MAR.2020 15:53:06

LTE band 25, 1.4MHz (-26dBc BW)

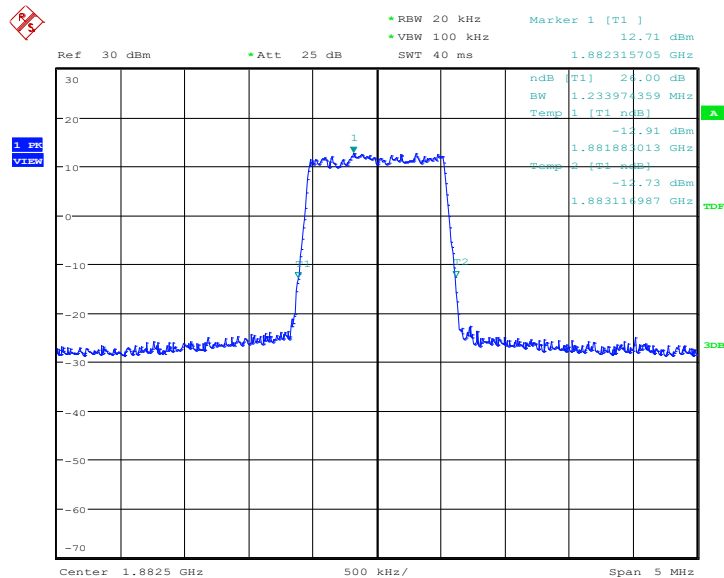
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1882.5	QPSK	16QAM	64QAM
	1241.99	1233.97	1241.99

LTE band 25, 1.4MHz Bandwidth, QPSK (-26dBc BW)



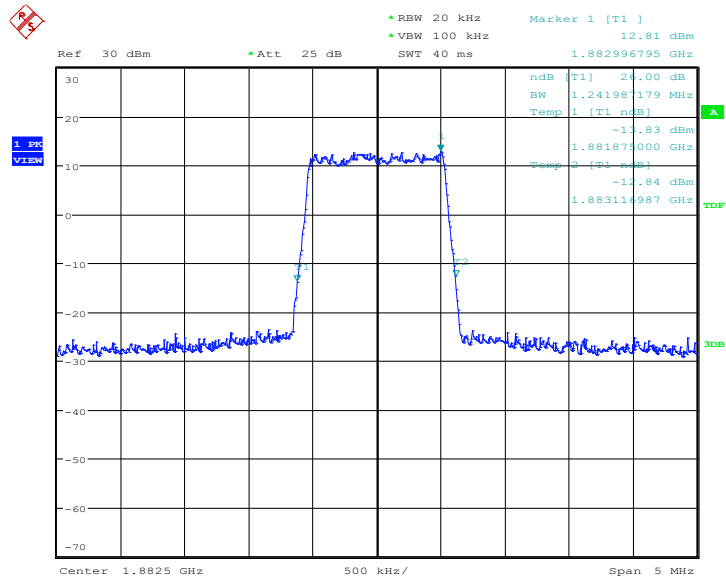
Date: 10.MAR.2020 16:45:11

LTE band 25, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 16:45:27

LTE band 25, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

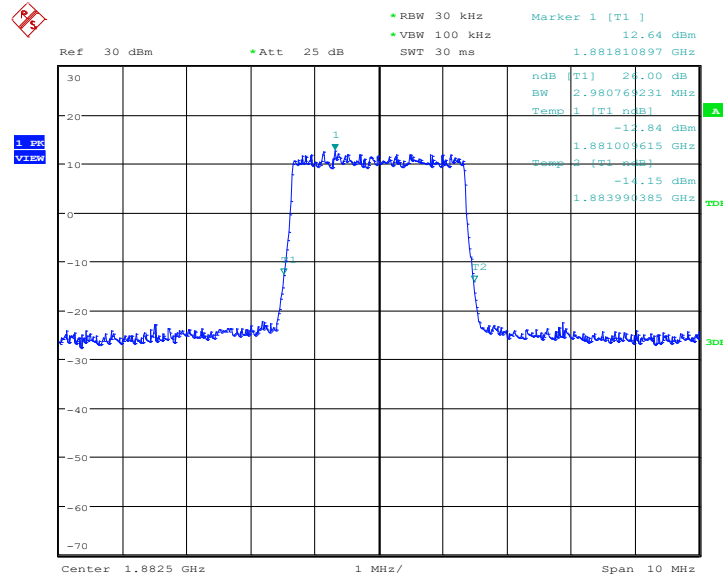


Date: 10.MAR.2020 20:33:45

LTE band 25, 3MHz (-26dBc BW)

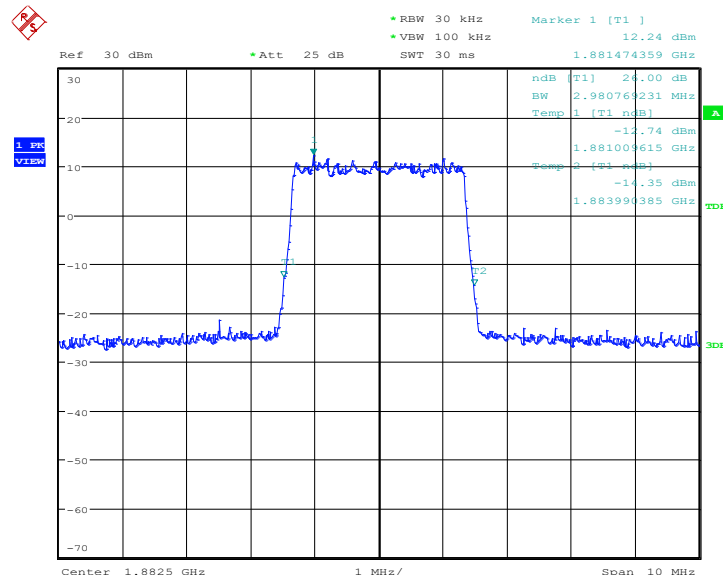
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1882.5	QPSK	16QAM	64QAM
	2980.77	2980.77	2980.77

LTE band 25, 3MHz Bandwidth, QPSK (-26dBc BW)



Date: 10.MAR.2020 16:50:29

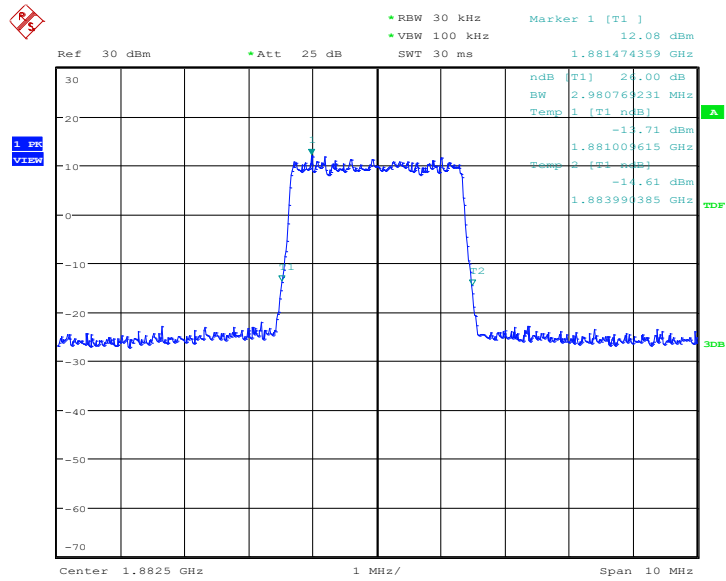
LTE band 25, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 16:50:44



LTE band 25, 3MHz Bandwidth, 64QAM (-26dBc BW)

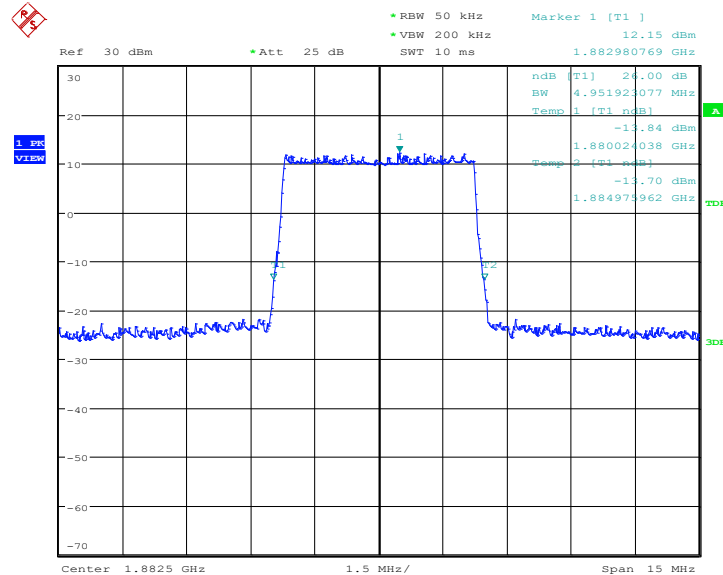


Date: 10.MAR.2020 20:37:03

LTE band 25, 5MHz (-26dBc BW)

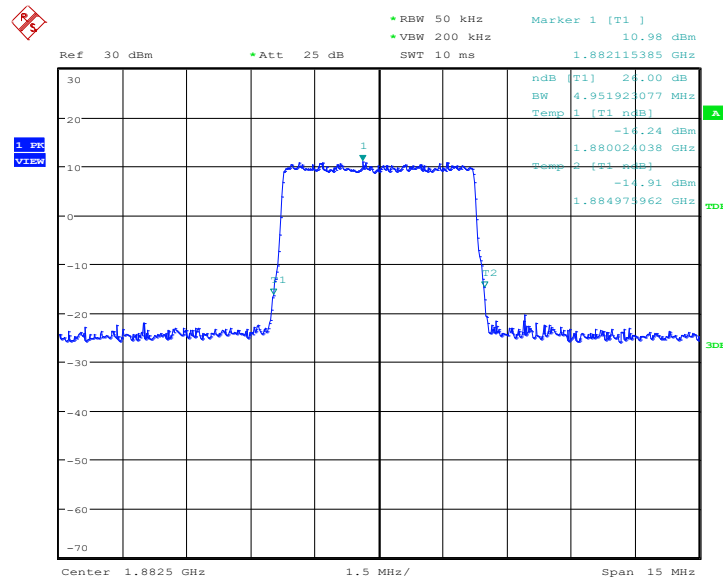
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1882.5	QPSK	16QAM	64QAM
	4951.92	4951.92	4903.85

LTE band 25, 5MHz Bandwidth, QPSK (-26dBc BW)



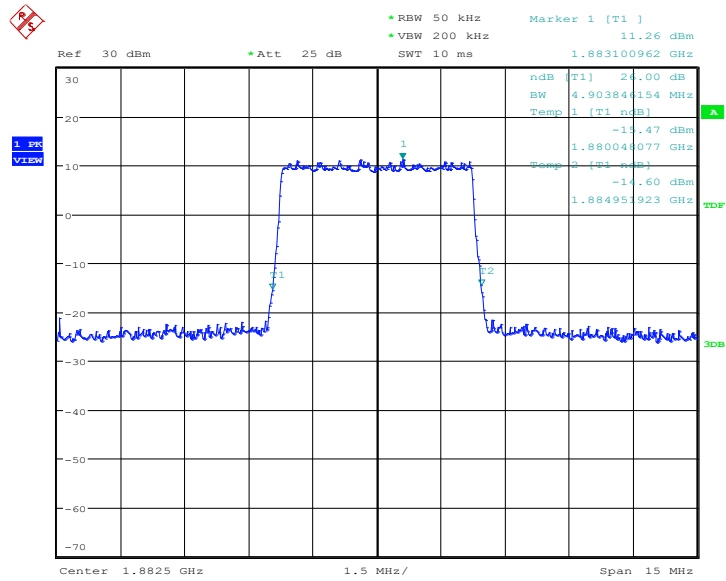
Date: 10.MAR.2020 16:55:44

LTE band 25, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 16:56:00

LTE band 25, 5MHz Bandwidth,64QAM (-26dBc BW)

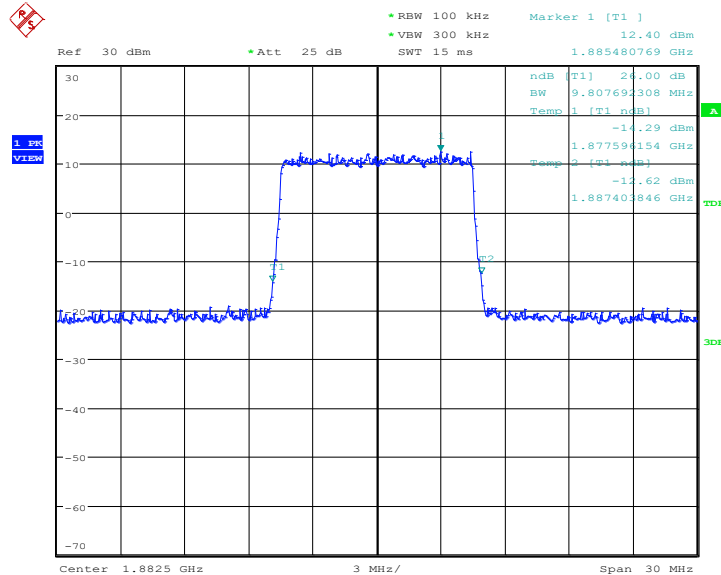


Date: 10.MAR.2020 20:40:22

LTE band 25, 10MHz (-26dBc BW)

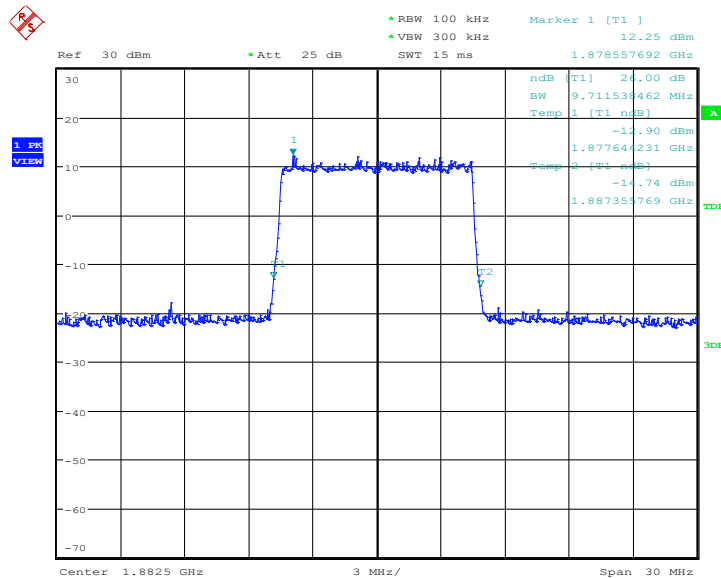
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1882.5	QPSK	16QAM	64QAM
	9807.69	9711.54	9759.62

LTE band 25, 10MHz Bandwidth, QPSK (-26dBc BW)



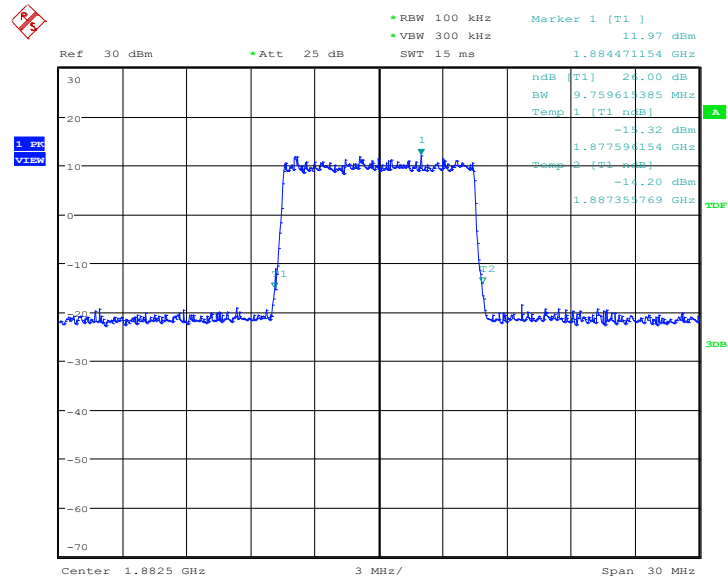
Date: 10.MAR.2020 17:01:04

LTE band 25, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 17:01:19

LTE band 25, 10MHz Bandwidth, 64QAM (-26dBc BW)

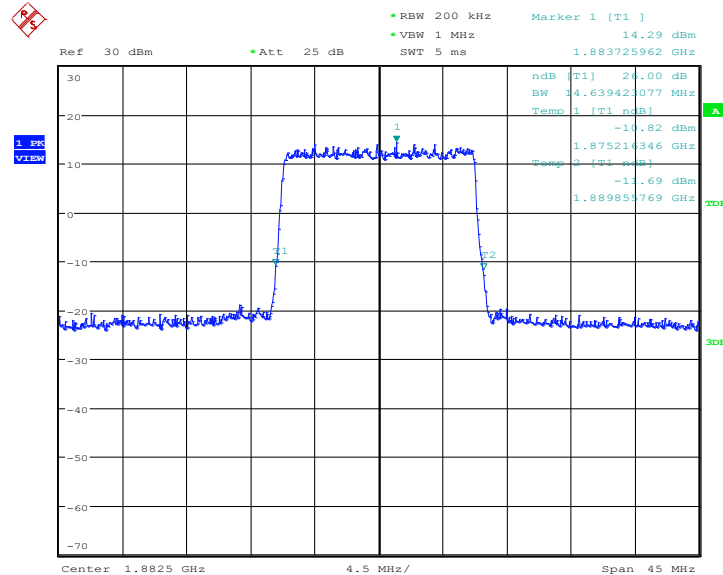


Date: 10.MAR.2020 20:43:41

LTE band 25, 15MHz (-26dBc BW)

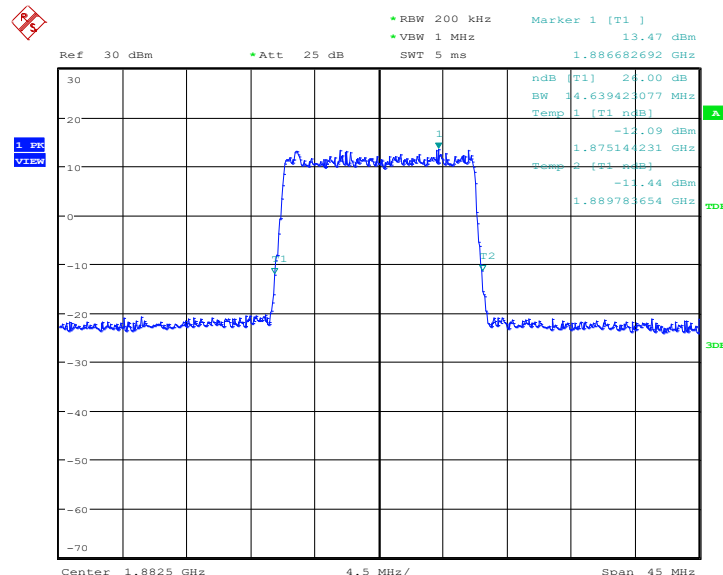
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1882.5	QPSK	16QAM	64QAM
	14639.42	14639.42	14639.42

LTE band 25, 15MHz Bandwidth, QPSK (-26dBc BW)



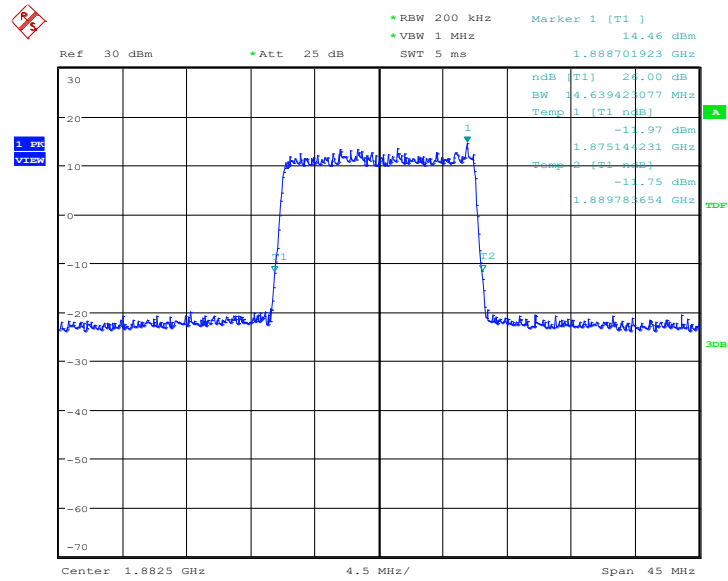
Date: 10.MAR.2020 17:09:50

LTE band 25, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 17:10:05

LTE band 25, 15MHz Bandwidth, 64QAM (-26dBc BW)

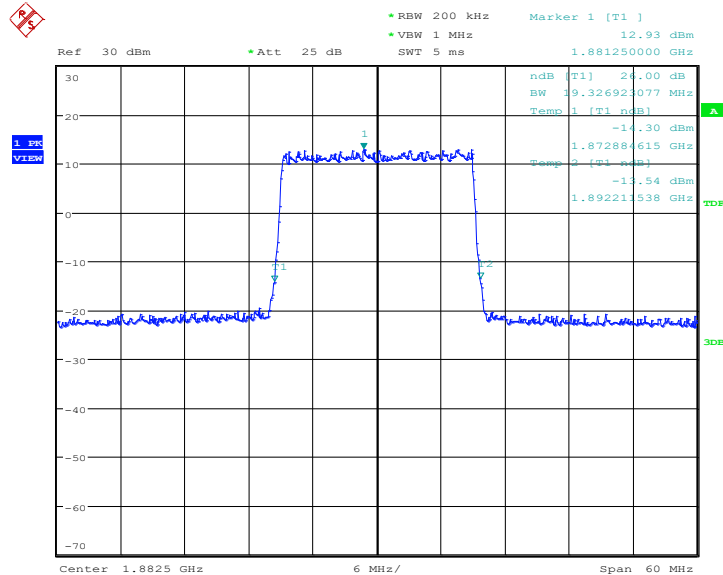


Date: 10.MAR.2020 20:47:01

LTE band 25, 20MHz (-26dBc BW)

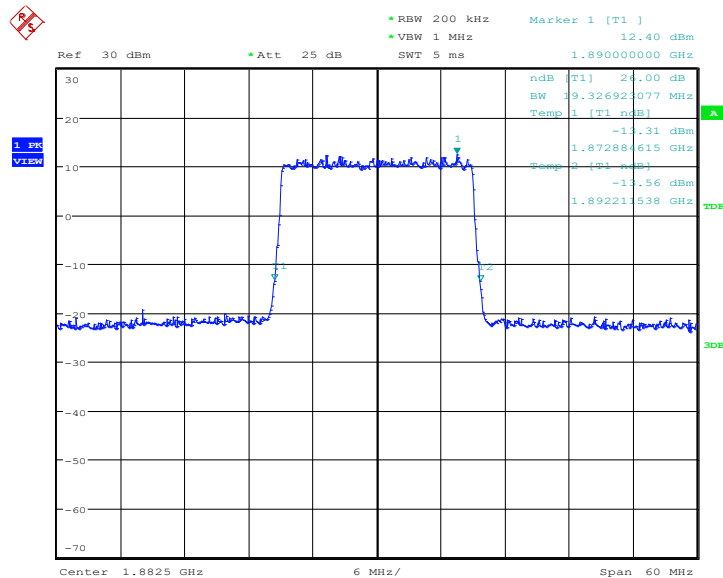
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1882.5	QPSK	16QAM	64QAM
	19326.92	19326.92	19326.92

LTE band 25, 20MHz Bandwidth, QPSK (-26dBc BW)



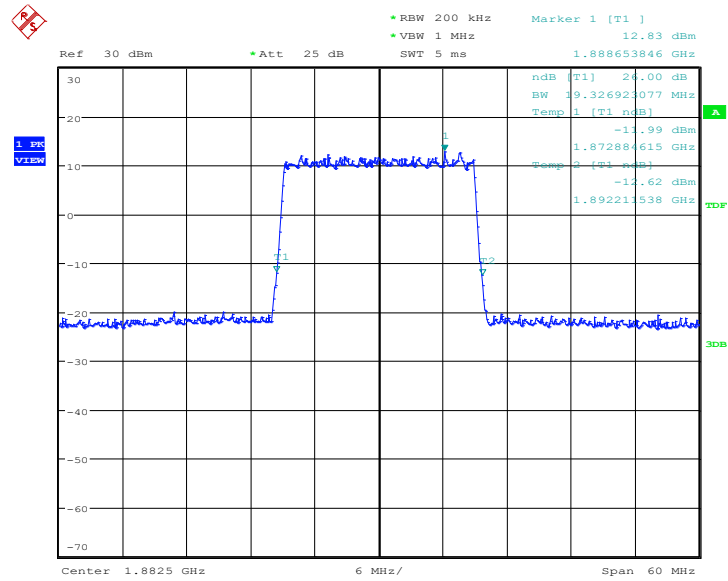
Date: 10.MAR.2020 17:25:43

LTE band 25, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 17:25:59

LTE band 25, 20MHz Bandwidth, 64QAM (-26dBc BW)

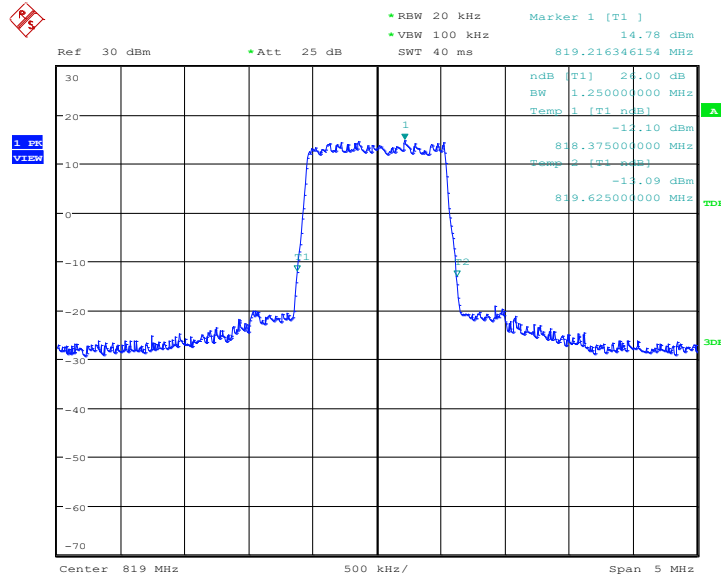


Date: 10.MAR.2020 20:50:20

LTE band 26(814MHz-824MHz), 1.4MHz (-26dBc BW)

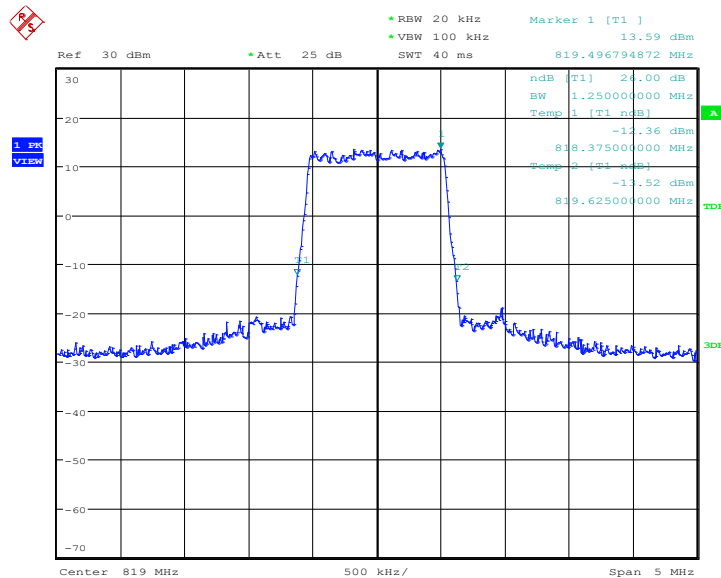
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
819.0	QPSK	16QAM	64QAM
	1250.00	1250.00	1241.99

LTE band 26(814MHz-824MHz), 1.4MHz Bandwidth, QPSK (-26dBc BW)



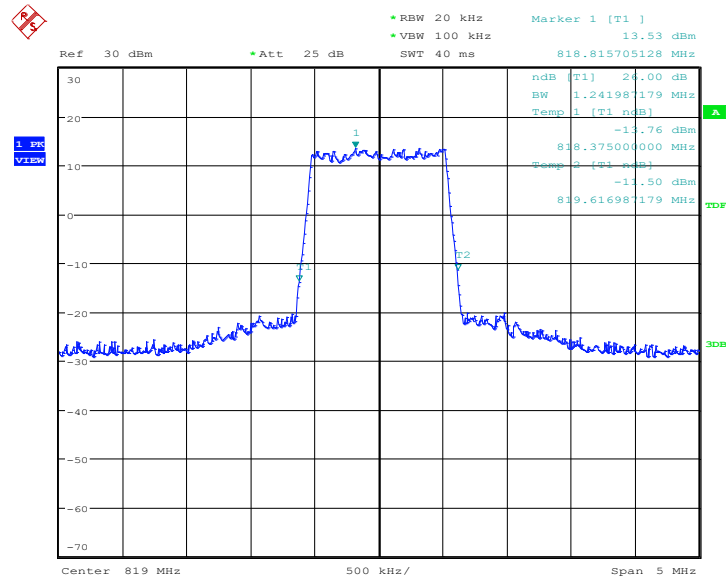
Date: 10.MAR.2020 18:18:09

LTE band 26(814MHz-824MHz), 1.4MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 18:18:25

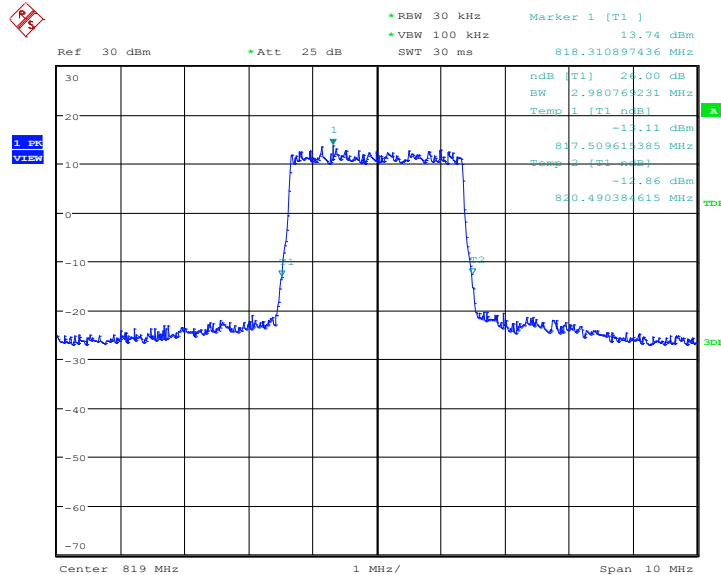
LTE band 26(814MHz-824MHz), 1.4MHz Bandwidth, 64QAM (-26dBc BW)



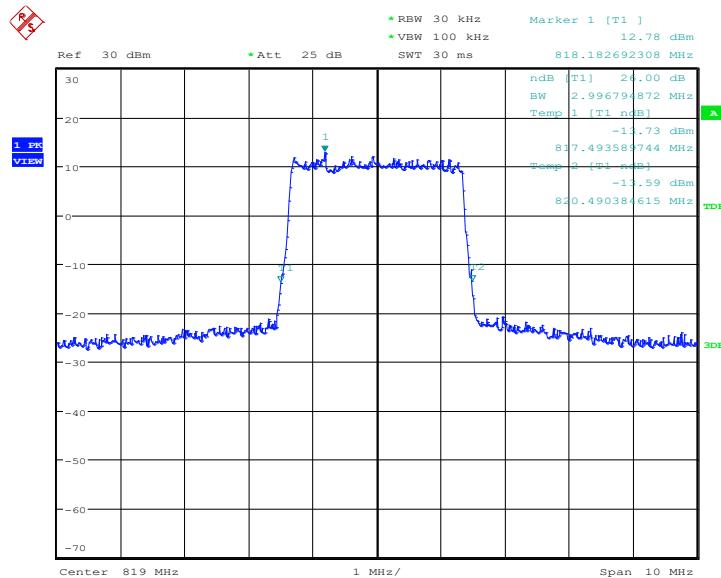
Date: 10.MAR.2020 21:10:24

LTE band 26(814MHz-824MHz), 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
819.0	QPSK	16QAM	64QAM
	2980.77	2996.79	2980.77

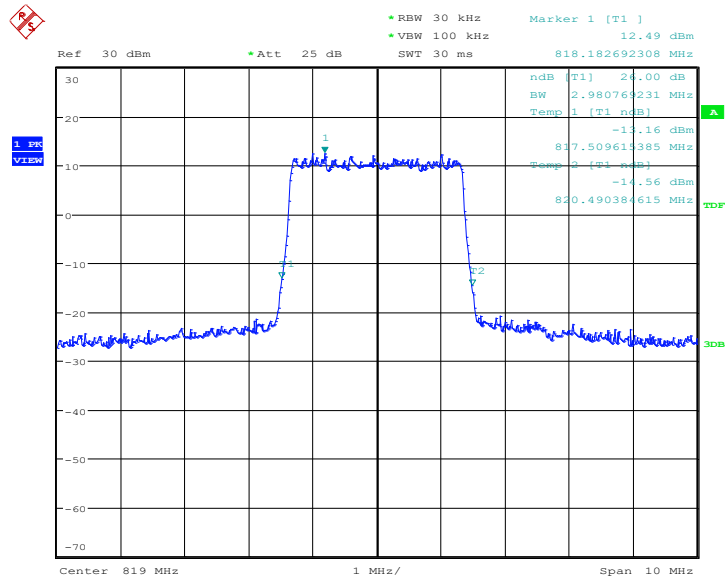
LTE band 26(814MHz-824MHz), 3MHz Bandwidth, QPSK (-26dBc BW)


Date: 10.MAR.2020 18:23:24

LTE band 26(814MHz-824MHz), 3MHz Bandwidth, 16QAM (-26dBc BW)


Date: 10.MAR.2020 18:23:40

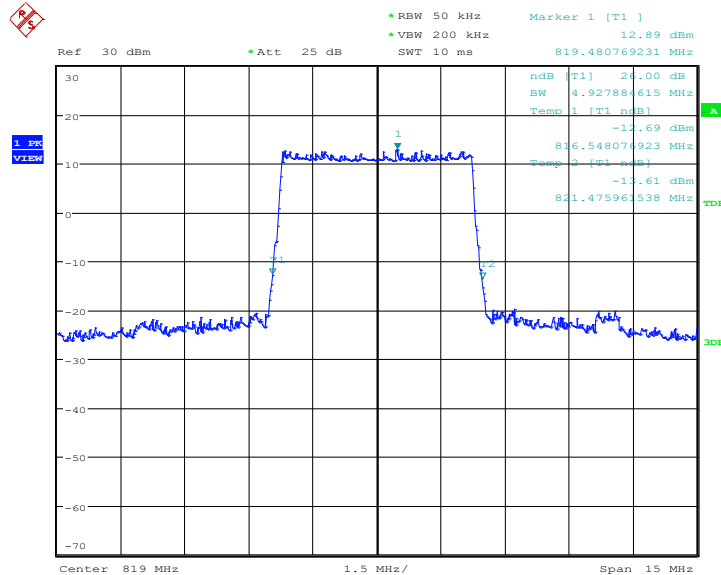
LTE band 26(814MHz-824MHz), 3MHz Bandwidth, 64QAM (-26dBc BW)



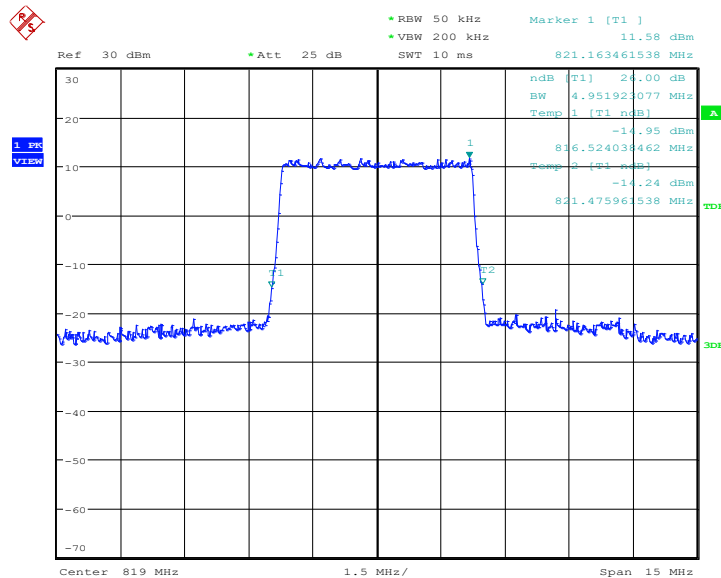
Date: 10.MAR.2020 21:13:43

LTE band 26(814MHz-824MHz), 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
819.0	QPSK	16QAM	64QAM
	4927.88	4951.92	4903.85

LTE band 26(814MHz-824MHz), 5MHz Bandwidth, QPSK (-26dBc BW)


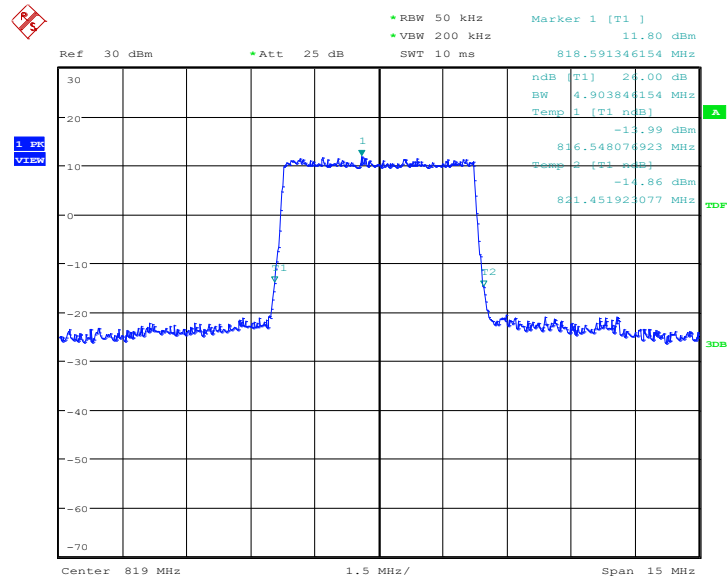
Date: 10.MAR.2020 18:28:39

LTE band 26(814MHz-824MHz), 5MHz Bandwidth,16QAM (-26dBc BW)


Date: 10.MAR.2020 18:28:55



LTE band 26(814MHz-824MHz), 5MHz Bandwidth,64QAM (-26dBc BW)

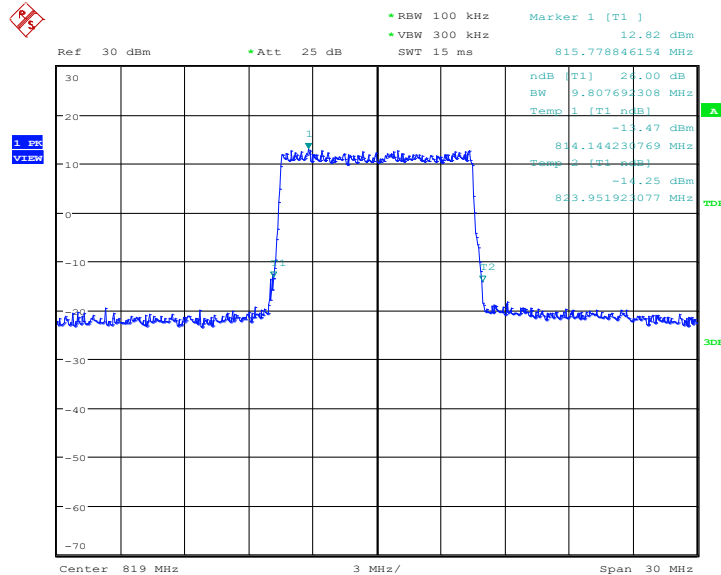


Date: 10.MAR.2020 21:17:02

LTE band 26(814MHz-824MHz), 10MHz (-26dBc BW)

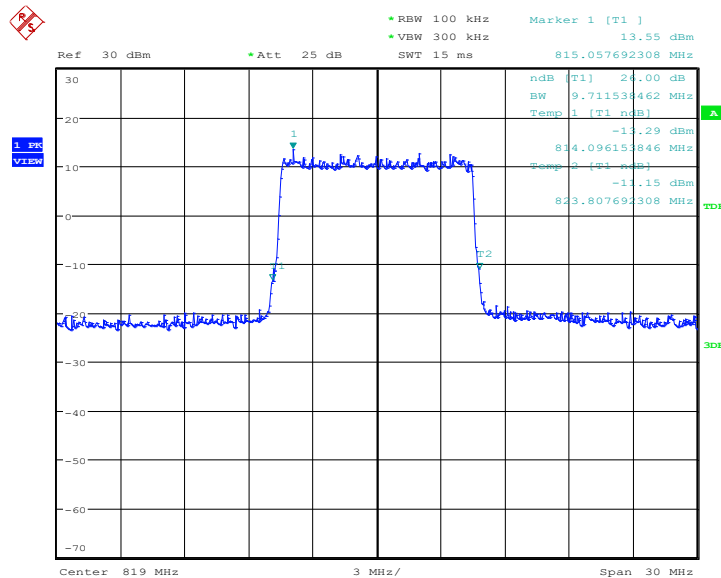
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
819.0	QPSK	16QAM	64QAM
	9807.69	9711.54	9759.62

LTE band 26(814MHz-824MHz), 10MHz Bandwidth, QPSK (-26dBc BW)



Date: 10.MAR.2020 18:33:55

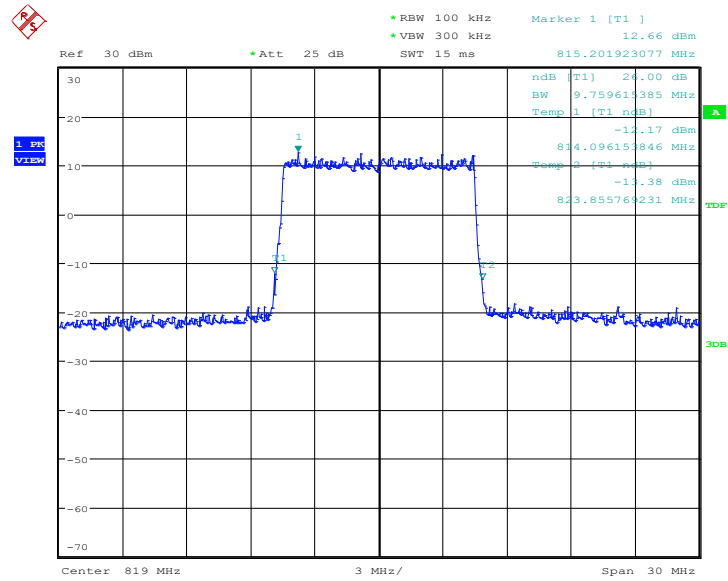
LTE band 26(814MHz-824MHz), 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 18:34:11



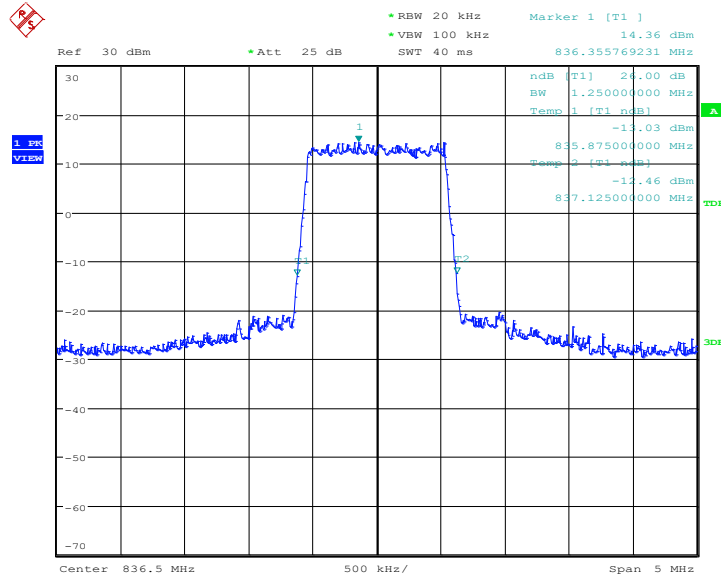
LTE band 26(814MHz-824MHz), 10MHz Bandwidth, 64QAM (-26dBc BW)



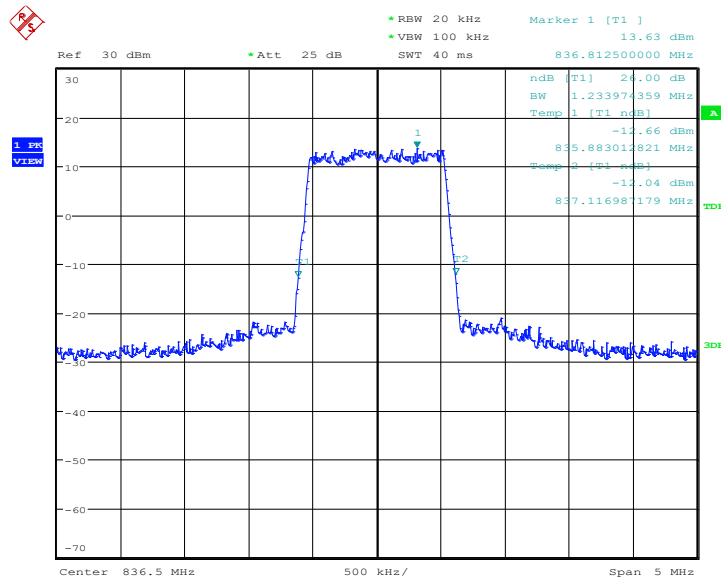
Date: 10.MAR.2020 21:20:21

LTE band 26(824MHz-849MHz), 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	1250.00	1233.97	1233.97

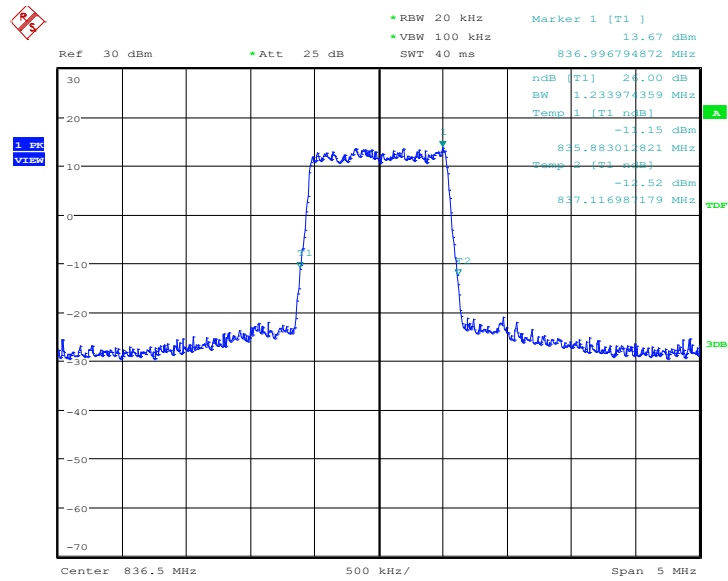
LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, QPSK (-26dBc BW)


Date: 10.MAR.2020 17:51:34

LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, 16QAM (-26dBc BW)


Date: 10.MAR.2020 17:51:50

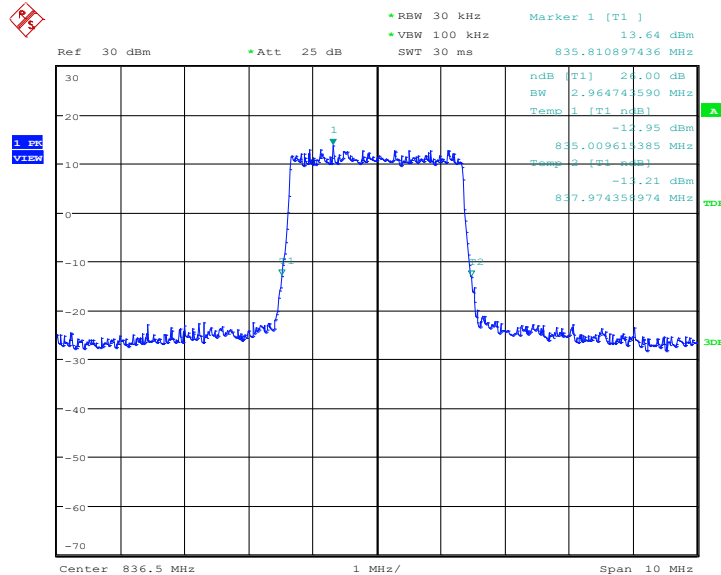
LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, 64QAM (-26dBc BW)



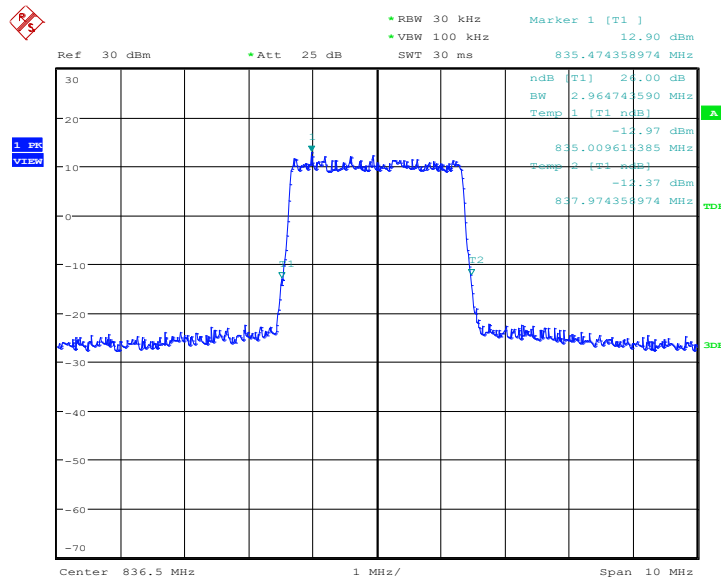
Date: 10.MAR.2020 20:53:43

LTE band 26(824MHz-849MHz), 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	2964.74	2964.74	2964.74

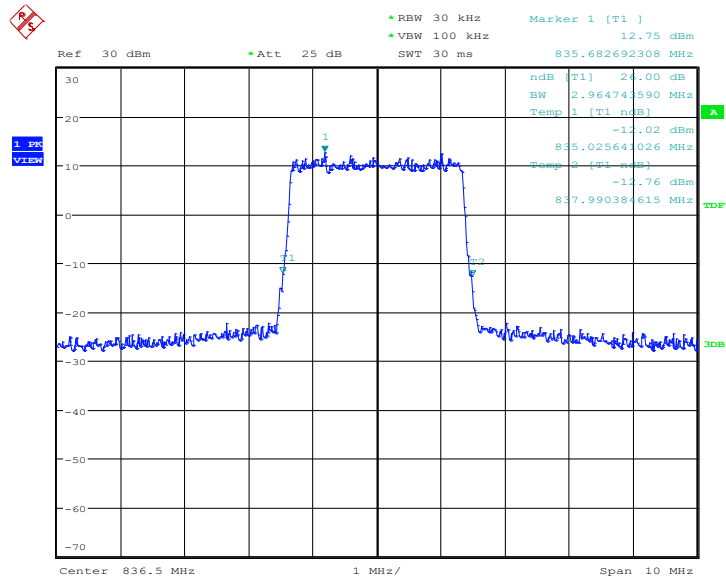
LTE band 26(824MHz-849MHz), 3MHz Bandwidth, QPSK (-26dBc BW)


Date: 10.MAR.2020 17:56:54

LTE band 26(824MHz-849MHz), 3MHz Bandwidth, 16QAM (-26dBc BW)


Date: 10.MAR.2020 17:57:09

LTE band 26(824MHz-849MHz), 3MHz Bandwidth, 64QAM (-26dBc BW)

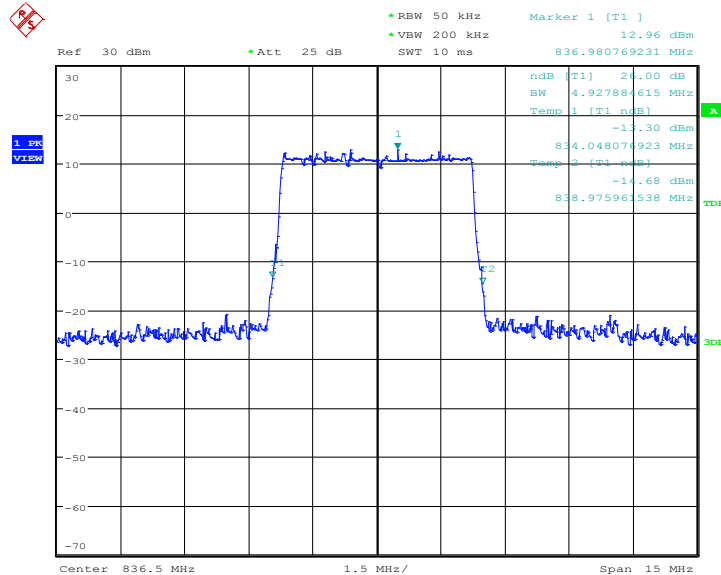


Date: 10.MAR.2020 20:57:02

LTE band 26(824MHz-849MHz), 5MHz (-26dBc BW)

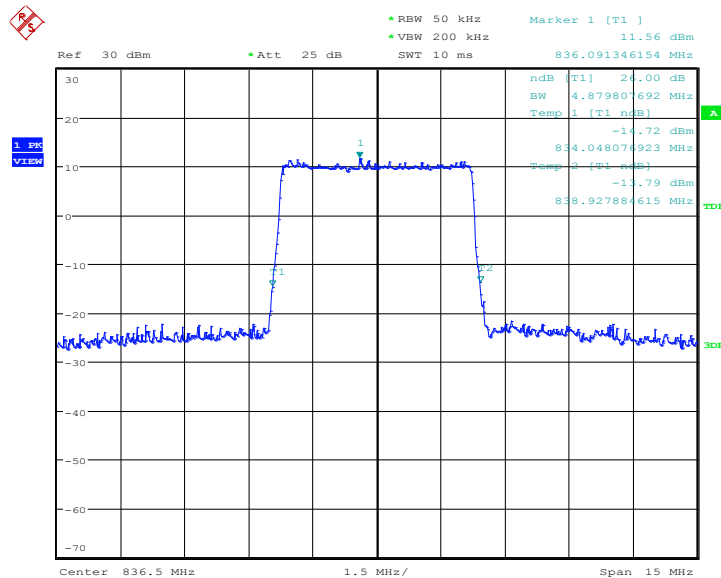
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	4927.88	4879.81	4879.81

LTE band 26(824MHz-849MHz), 5MHz Bandwidth, QPSK (-26dBc BW)



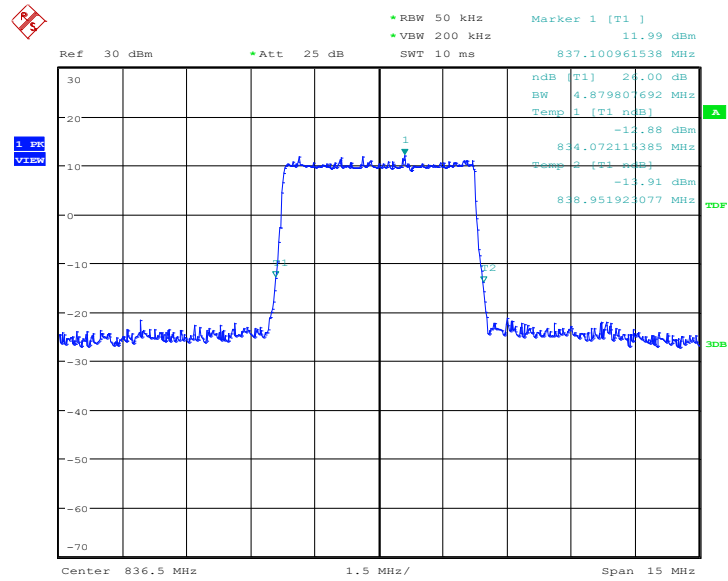
Date: 10.MAR.2020 18:02:09

LTE band 26(824MHz-849MHz), 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 18:02:25

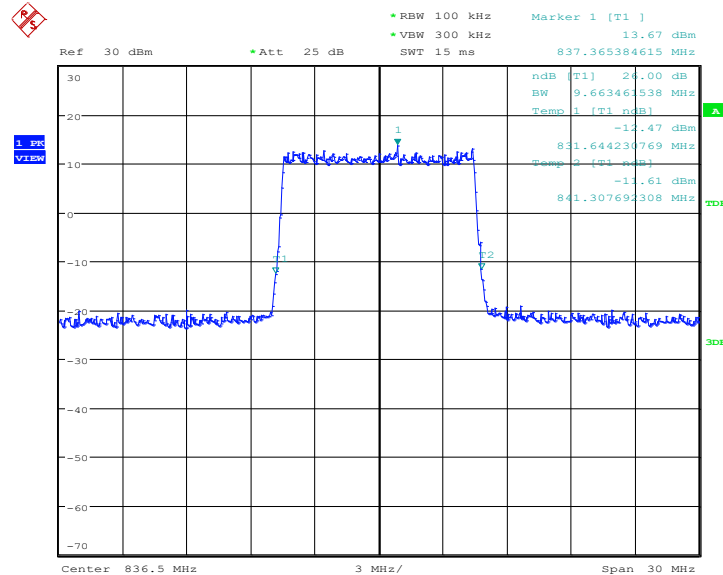
LTE band 26(824MHz-849MHz), 5MHz Bandwidth,64QAM (-26dBc BW)



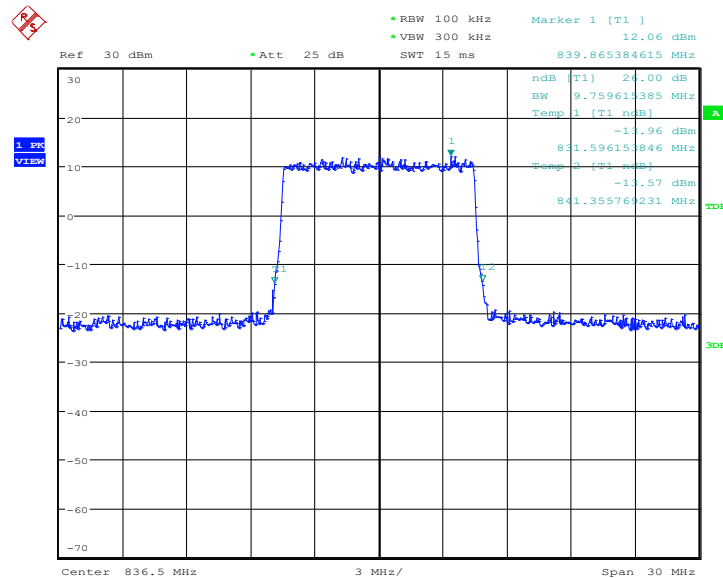
Date: 10.MAR.2020 21:00:21

LTE band 26(824MHz-849MHz), 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	9663.46	9759.62	9759.62

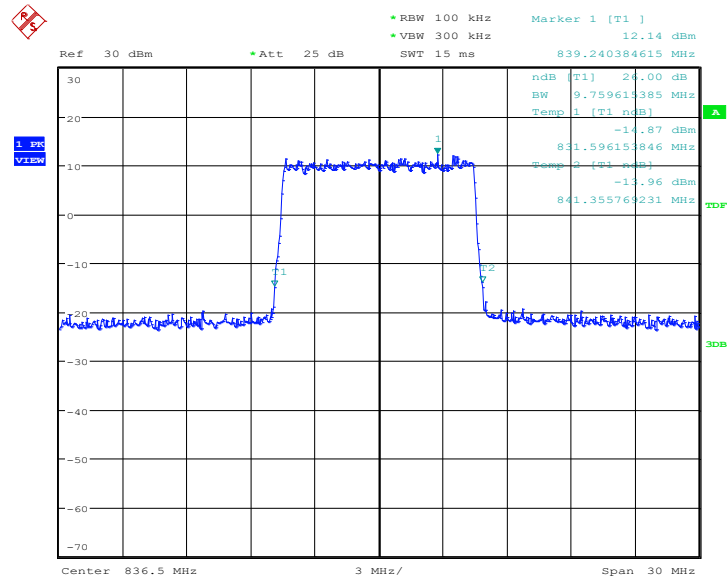
LTE band 26(824MHz-849MHz), 10MHz Bandwidth, QPSK (-26dBc BW)


Date: 10.MAR.2020 18:07:24

LTE band 26(824MHz-849MHz), 10MHz Bandwidth, 16QAM (-26dBc BW)


Date: 10.MAR.2020 18:07:40

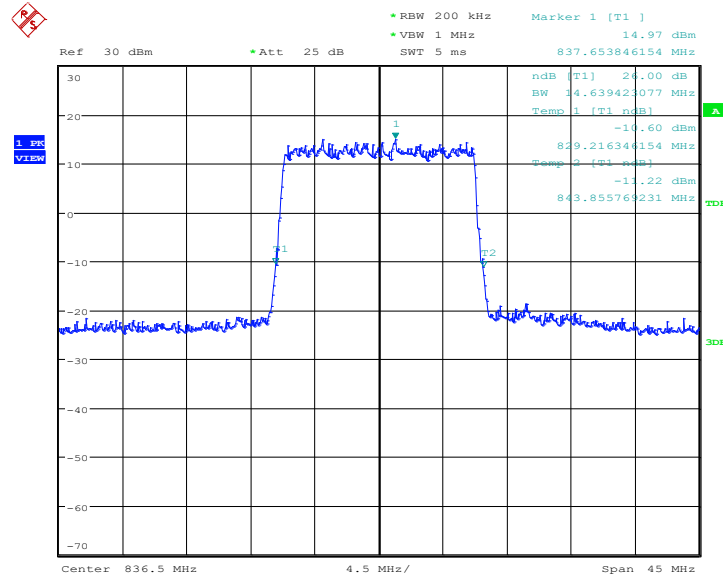
LTE band 26(824MHz-849MHz), 10MHz Bandwidth, 64QAM (-26dBc BW)



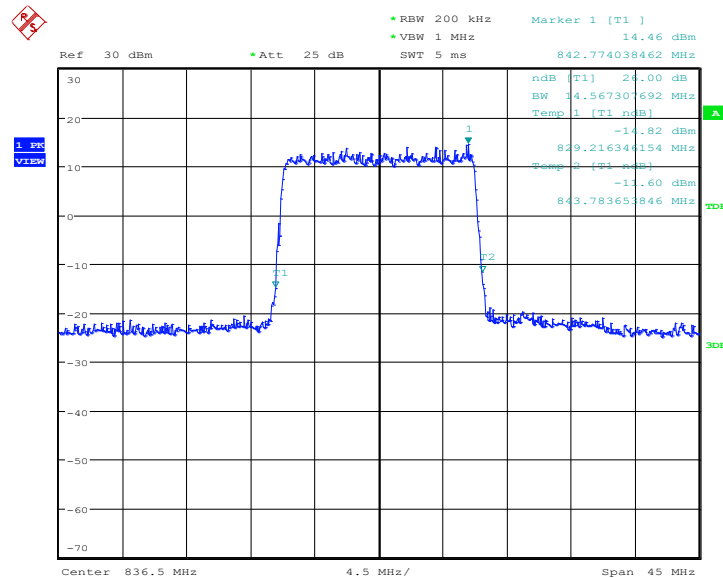
Date: 10.MAR.2020 21:03:40

LTE band 26(824MHz-849MHz), 15MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.5	QPSK	16QAM	64QAM
	14639.42	14567.31	14567.31

LTE band 26(824MHz-849MHz), 15MHz Bandwidth, QPSK (-26dBc BW)


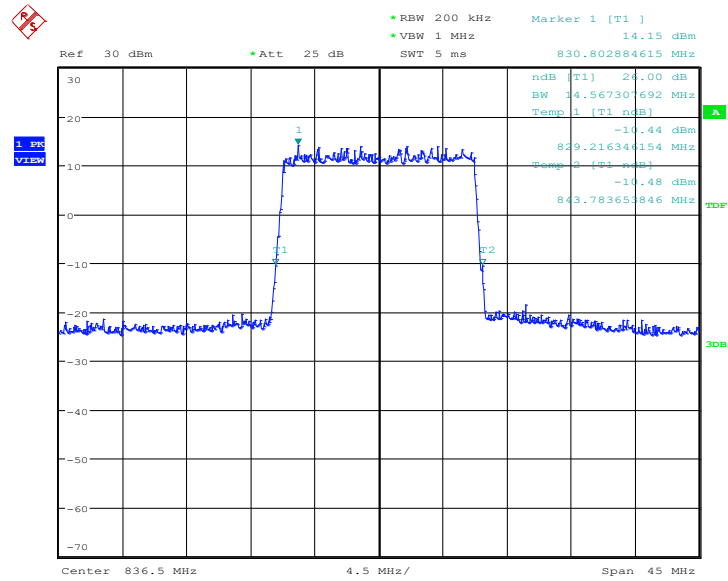
Date: 10.MAR.2020 18:12:45

LTE band 26(824MHz-849MHz), 15MHz Bandwidth, 16QAM (-26dBc BW)


Date: 10.MAR.2020 18:13:01



LTE band 26(824MHz-849MHz), 15MHz Bandwidth, 64QAM (-26dBc BW)

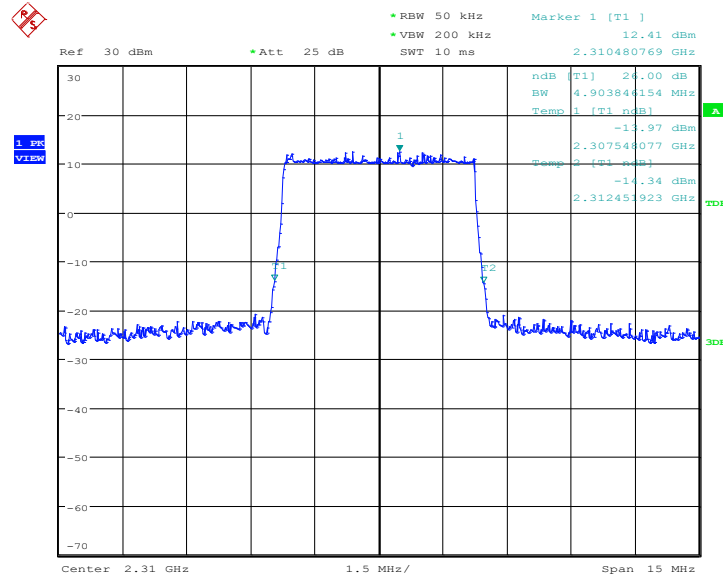


Date: 10.MAR.2020 21:06:59

LTE band 30, 5MHz (-26dBc BW)

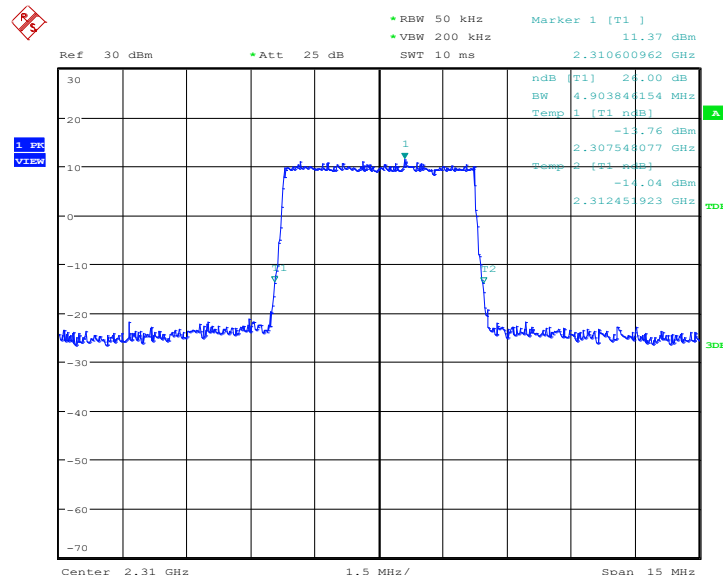
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2310.0	QPSK	16QAM	64QAM
	4903.85	4903.85	4951.92

LTE band 30, 5MHz Bandwidth, QPSK (-26dBc BW)



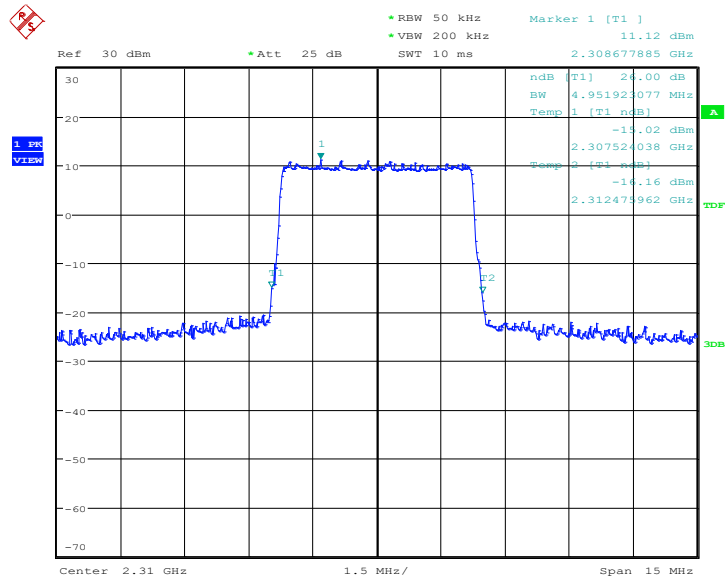
Date: 17.MAR.2020 14:07:46

LTE band 30, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 17.MAR.2020 14:08:02

LTE band 30, 5MHz Bandwidth,64QAM (-26dBc BW)

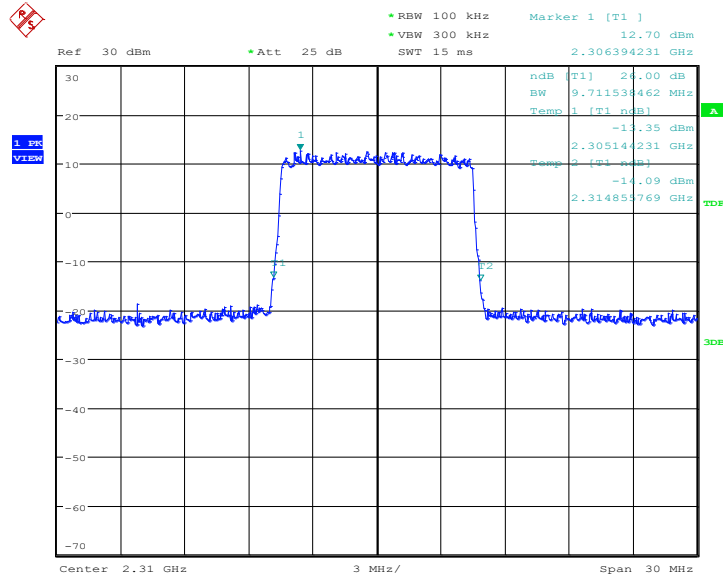


Date: 18.MAR.2020 17:15:34

LTE band 30, 10MHz (-26dBc BW)

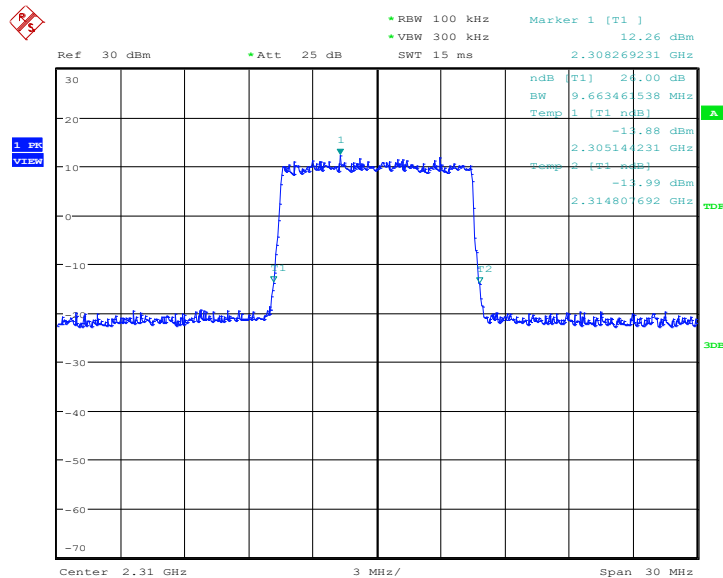
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2310.0	QPSK	16QAM	64QAM
	9711.54	9663.46	9759.62

LTE band 30, 10MHz Bandwidth, QPSK (-26dBc BW)



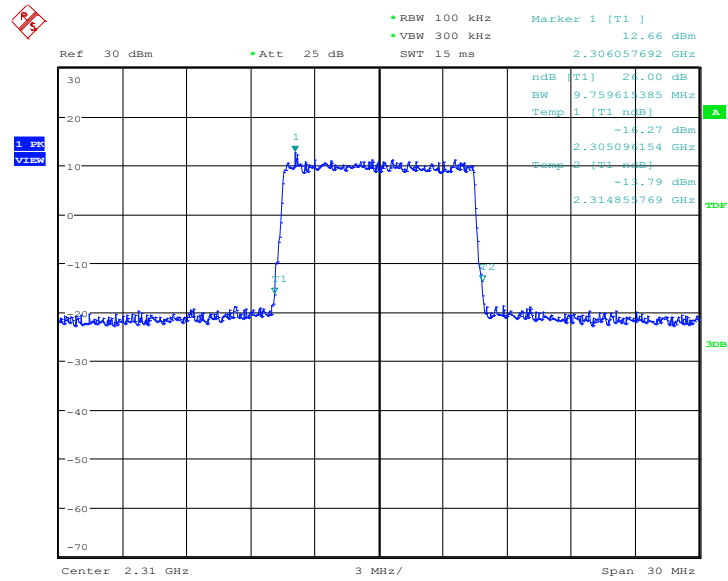
Date: 17.MAR.2020 14:13:03

LTE band 30, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 17.MAR.2020 14:13:18

LTE band 30, 10MHz Bandwidth, 64QAM (-26dBc BW)

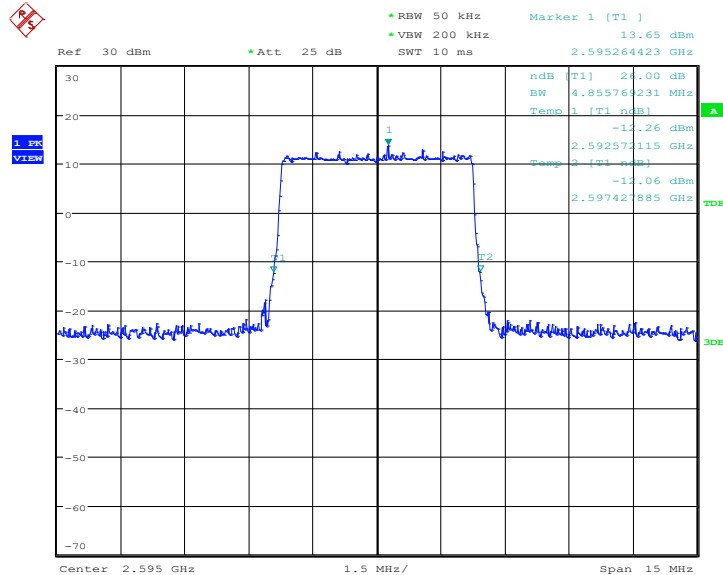


Date: 18.MAR.2020 17:19:01

LTE band 38, 5MHz (-26dBc BW)

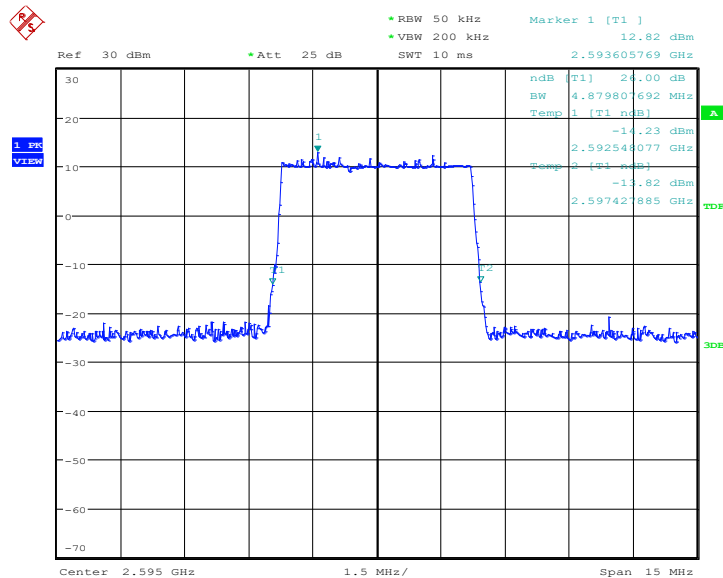
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2595.0	QPSK	16QAM	64QAM
	4855.77	4879.81	4879.81

LTE band 38, 5MHz Bandwidth, QPSK (-26dBc BW)



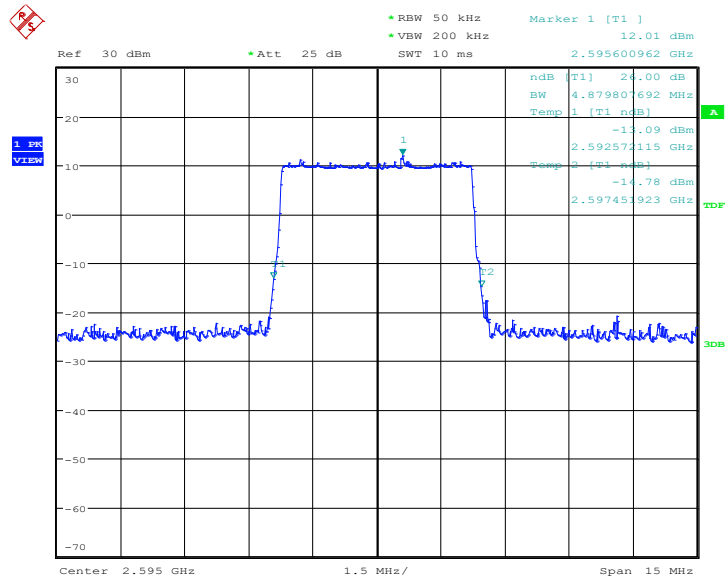
Date: 16.MAR.2020 20:37:27

LTE band 38, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 16.MAR.2020 20:37:43

LTE band 38, 5MHz Bandwidth,64QAM (-26dBc BW)

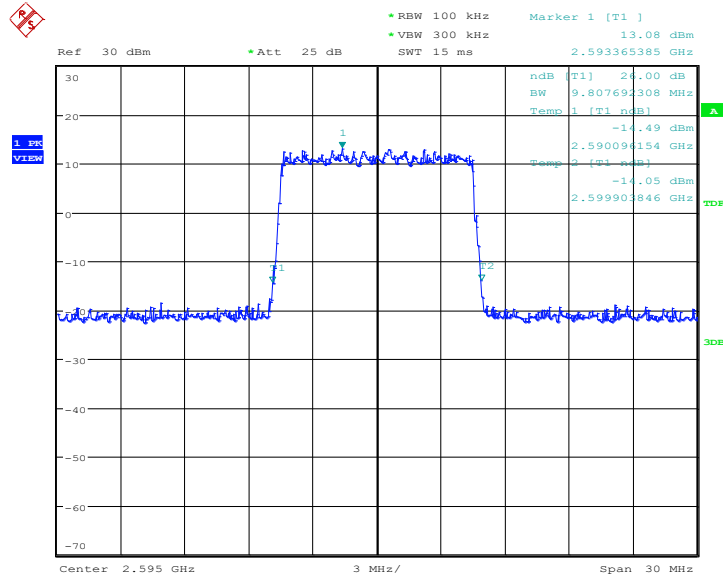


Date: 17.MAR.2020 14:59:09

LTE band 38, 10MHz (-26dBc BW)

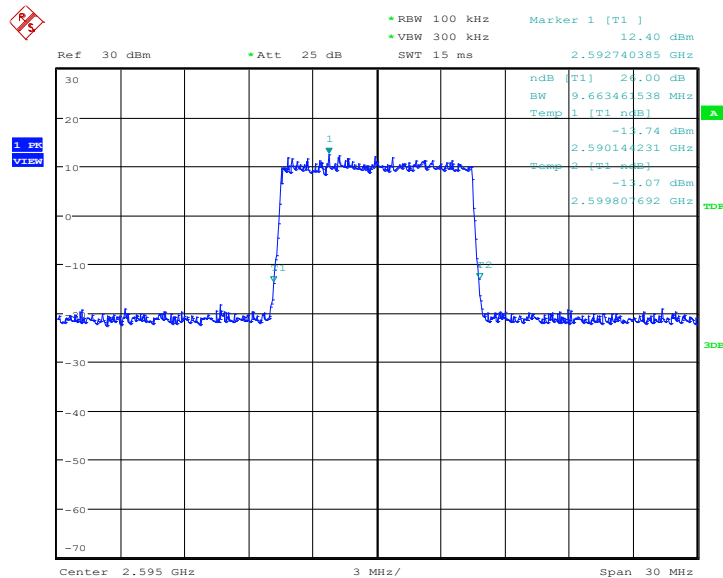
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	9807.69	9663.46	9663.46

LTE band 38, 10MHz Bandwidth, QPSK (-26dBc BW)



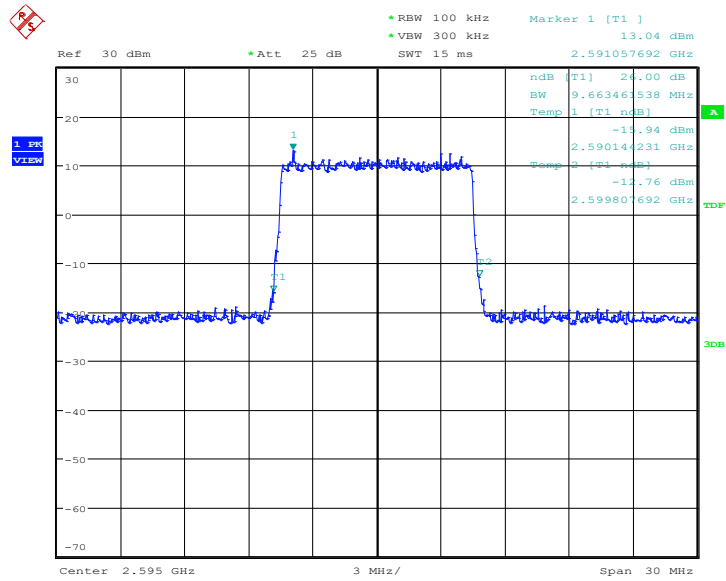
Date: 16.MAR.2020 20:42:53

LTE band 38, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 20:43:08

LTE band 38, 10MHz Bandwidth, 64QAM (-26dBc BW)

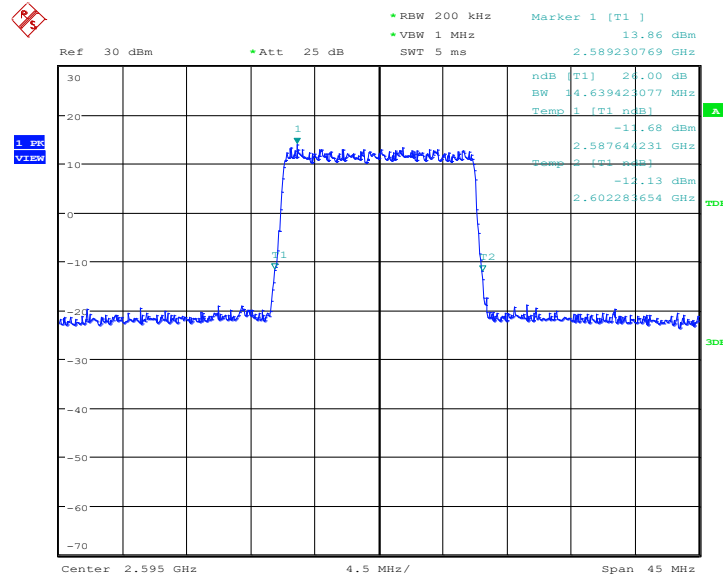


Date: 17.MAR.2020 15:15:26

LTE band 38, 15MHz (-26dBc BW)

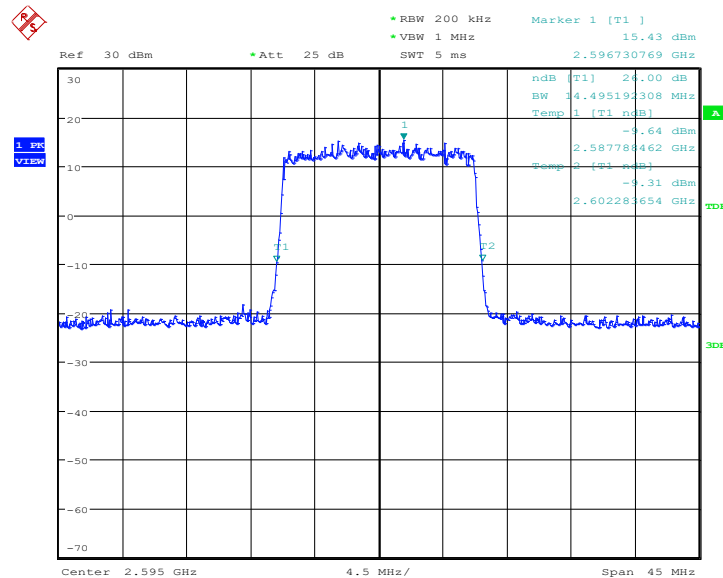
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2595.0	QPSK	16QAM	64QAM
	14639.42	14495.19	14495.19

LTE band 38, 15MHz Bandwidth, QPSK (-26dBc BW)



Date: 16.MAR.2020 20:48:37

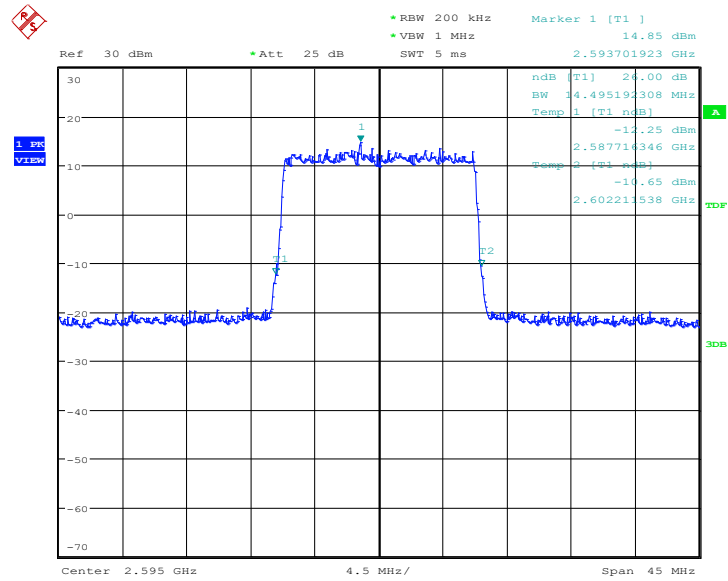
LTE band 38, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 20:48:21



LTE band 38, 15MHz Bandwidth, 64QAM (-26dBc BW)

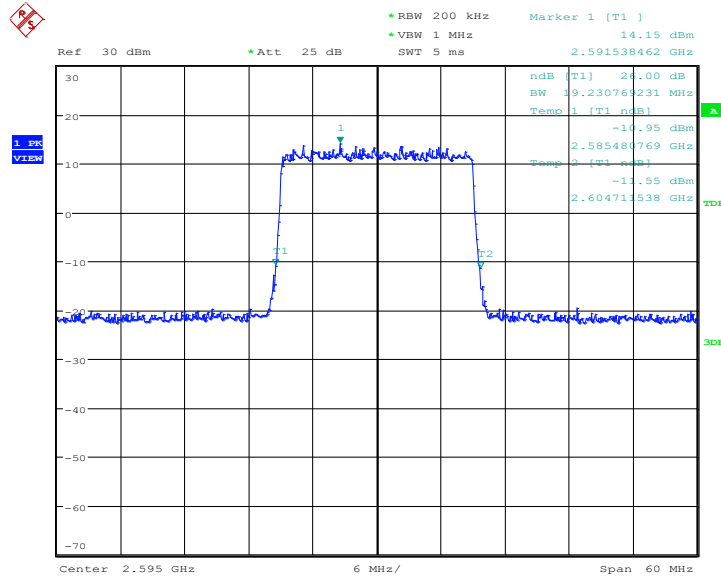


Date: 17.MAR.2020 15:18:53

LTE band 38, 20MHz (-26dBc BW)

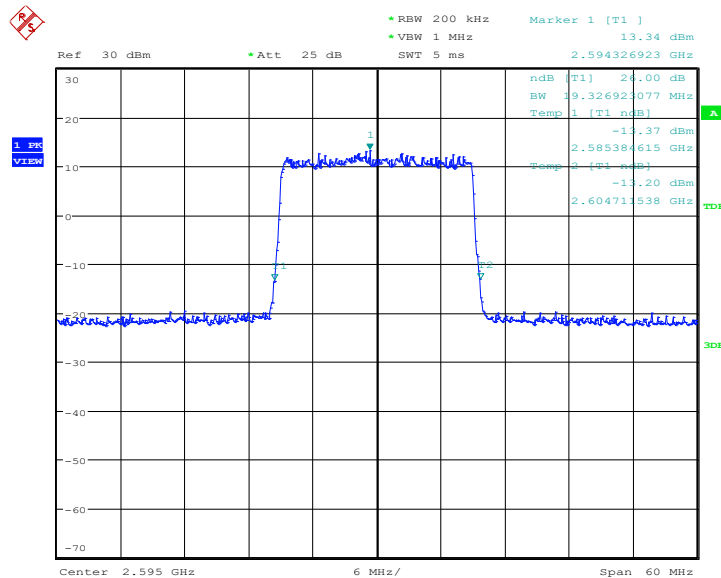
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2595.0	QPSK	16QAM	64QAM
	19230.77	19326.92	19038.46

LTE band 38, 20MHz Bandwidth, QPSK (-26dBc BW)



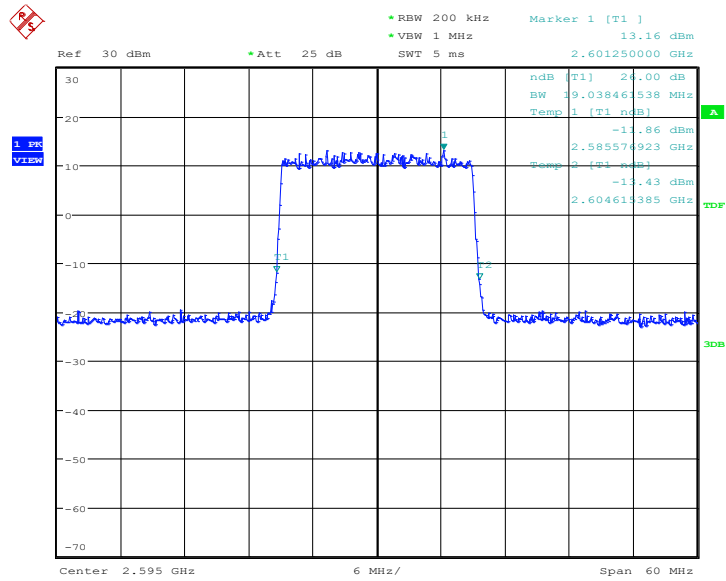
Date: 16.MAR.2020 20:53:48

LTE band 38, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 20:54:03

LTE band 38, 20MHz Bandwidth, 64QAM (-26dBc BW)

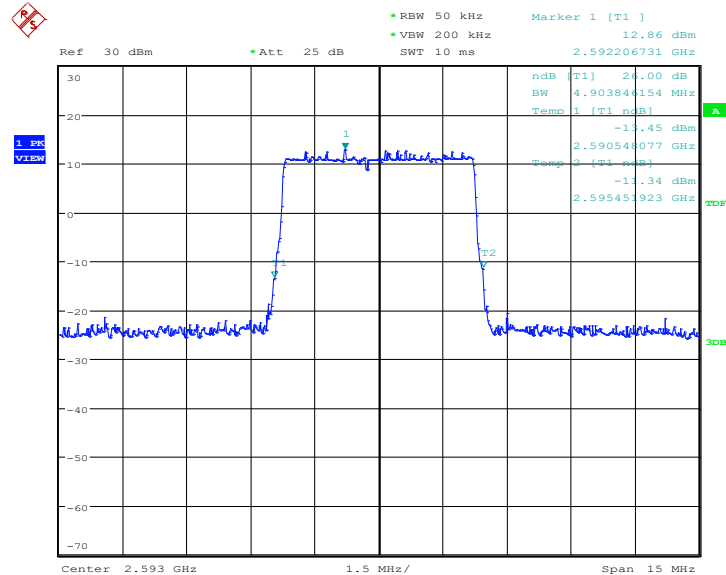


Date: 17.MAR.2020 15:22:21

LTE band 41, 5MHz (-26dBc BW)

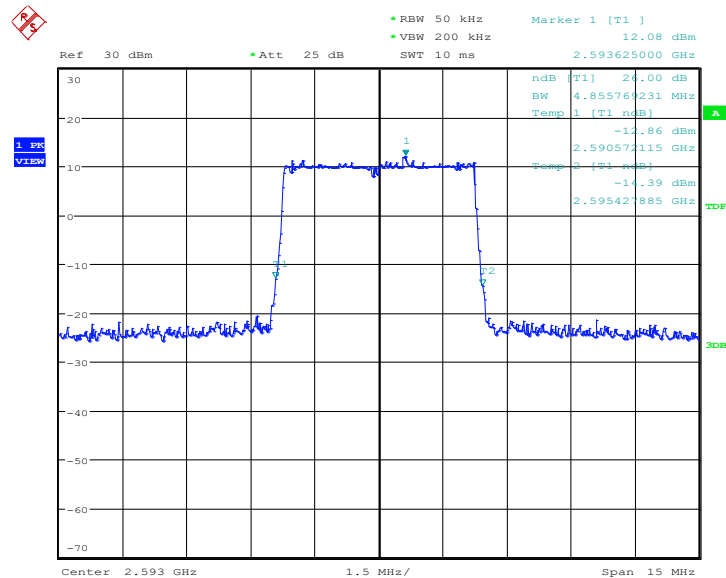
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	4903.846	4855.769	4903.85

LTE band 41, 5MHz Bandwidth, QPSK (-26dBc BW)



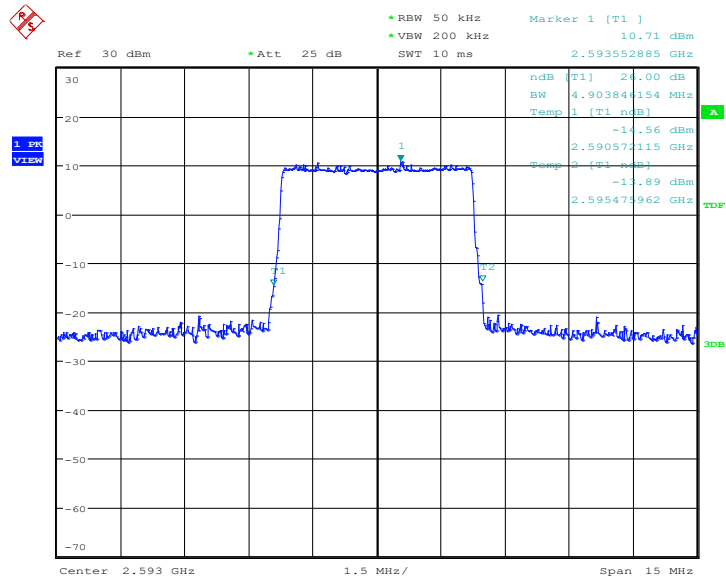
Date: 16.MAR.2020 21:00:51

LTE band 41, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 16.MAR.2020 21:01:07

LTE band 41, 5MHz Bandwidth,64QAM (-26dBc BW)

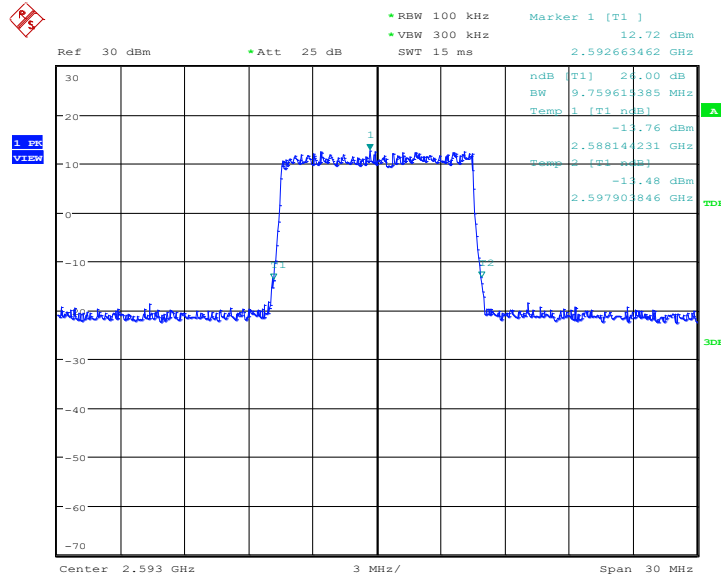


Date: 18.MAR.2020 16:47:51

LTE band 41, 10MHz (-26dBc BW)

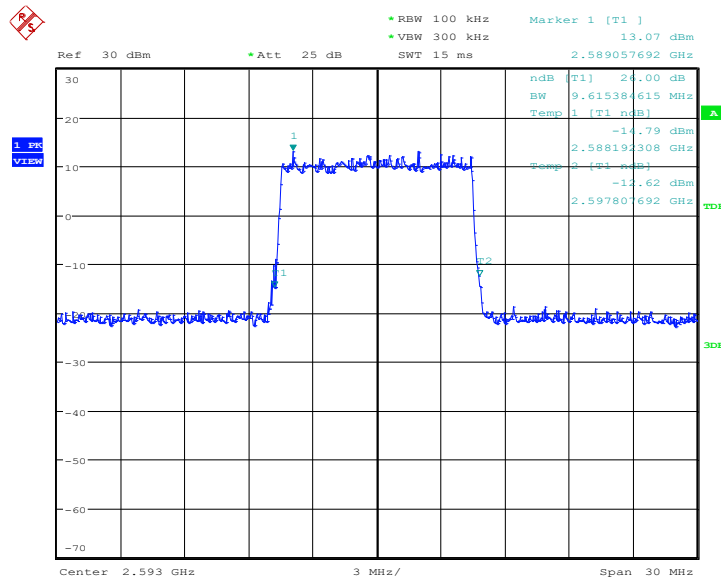
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	9759.615	9615.385	9663.46

LTE band 41, 10MHz Bandwidth, QPSK (-26dBc BW)



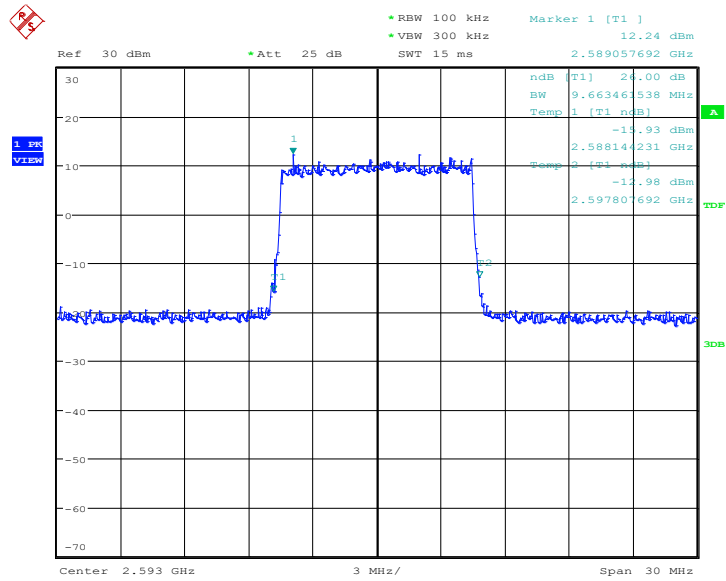
Date: 16.MAR.2020 21:06:17

LTE band 41, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 21:06:33

LTE band 41, 10MHz Bandwidth, 64QAM (-26dBc BW)

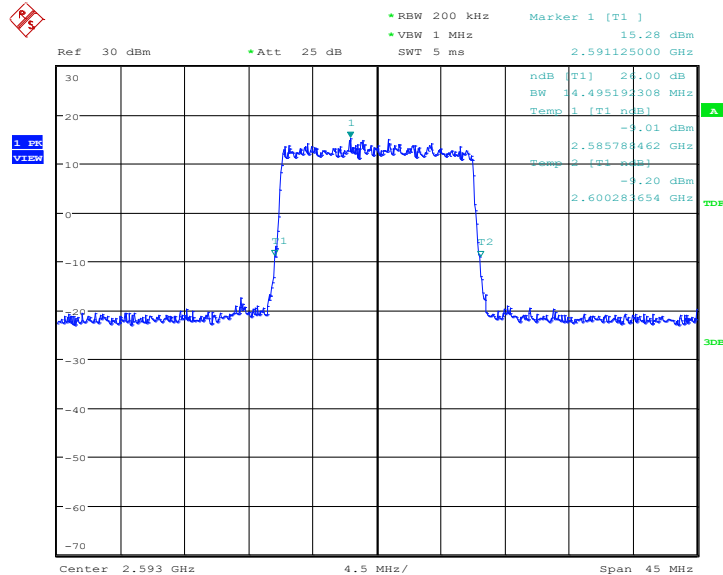


Date: 18.MAR.2020 16:51:18

LTE band 41, 15MHz (-26dBc BW)

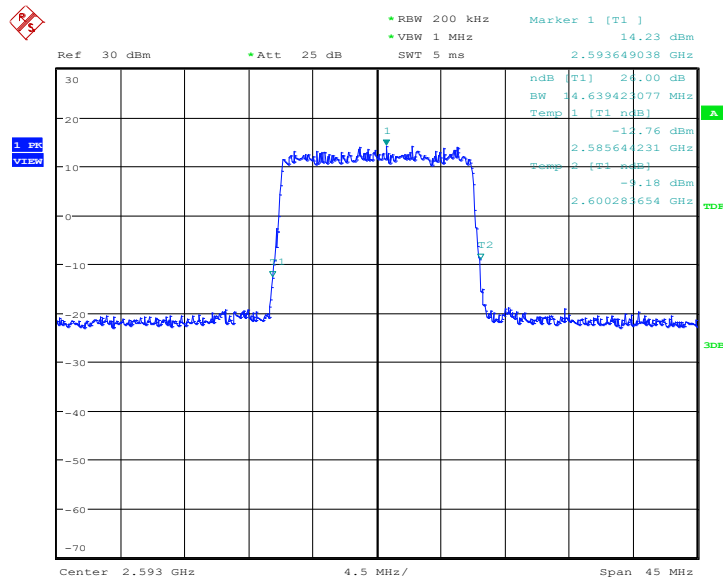
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	14495.19	14639.42	14495.19

LTE band 41, 15MHz Bandwidth, QPSK (-26dBc BW)



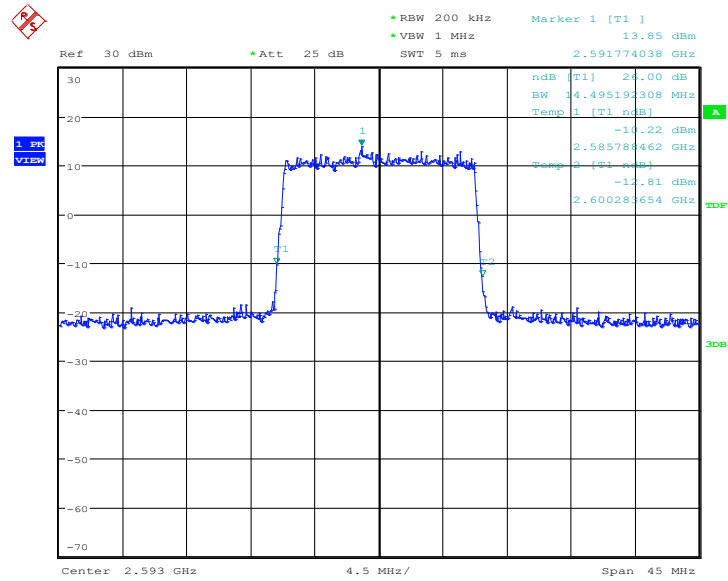
Date: 16.MAR.2020 21:11:49

LTE band 41, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 21:12:04

LTE band 41, 15MHz Bandwidth, 64QAM (-26dBc BW)

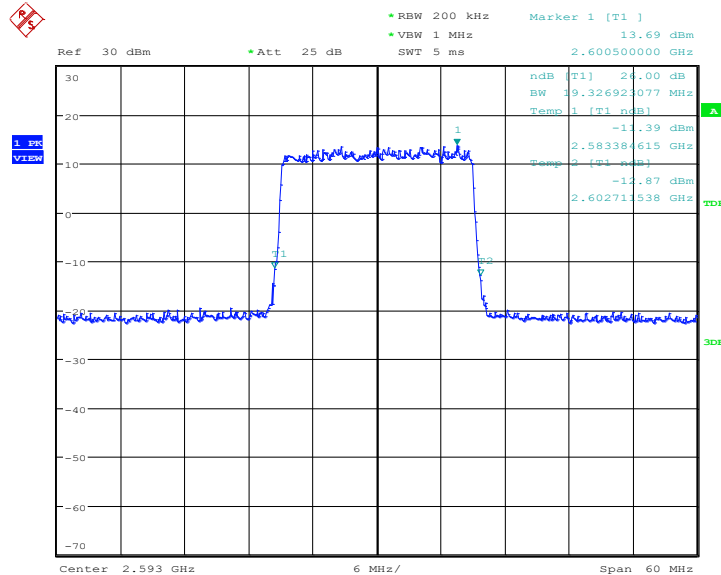


Date: 18.MAR.2020 16:54:45

LTE band 41, 20MHz (-26dBc BW)

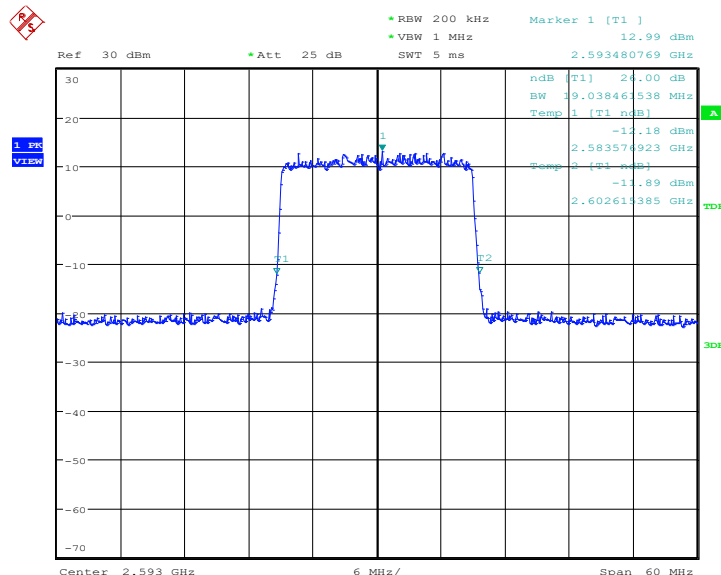
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	19326.92	19038.46	19134.62

LTE band 41, 20MHz Bandwidth, QPSK (-26dBc BW)



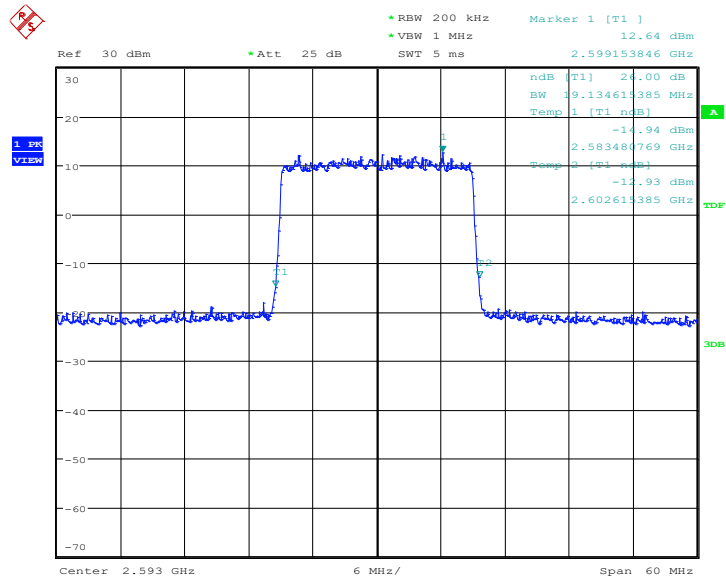
Date: 16.MAR.2020 21:17:18

LTE band 41, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 16.MAR.2020 21:17:34

LTE band 41, 20MHz Bandwidth, 64QAM (-26dBc BW)

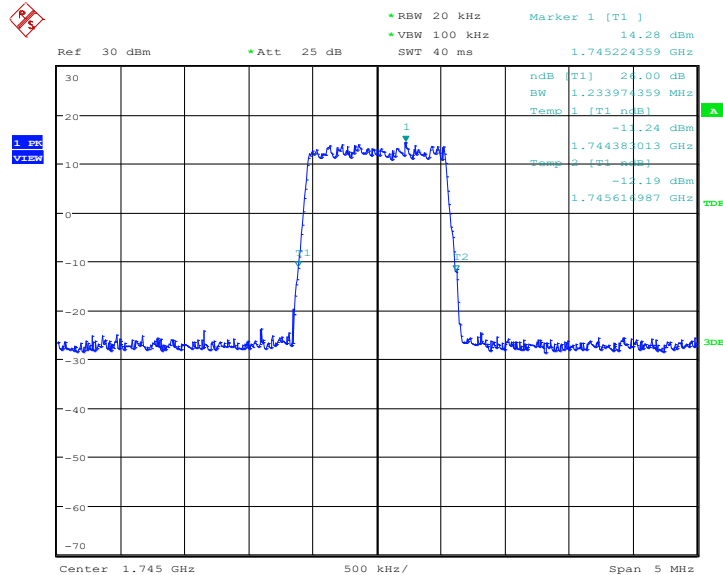


Date: 18.MAR.2020 16:58:13

LTE band 66, 1.4MHz (-26dBc BW)

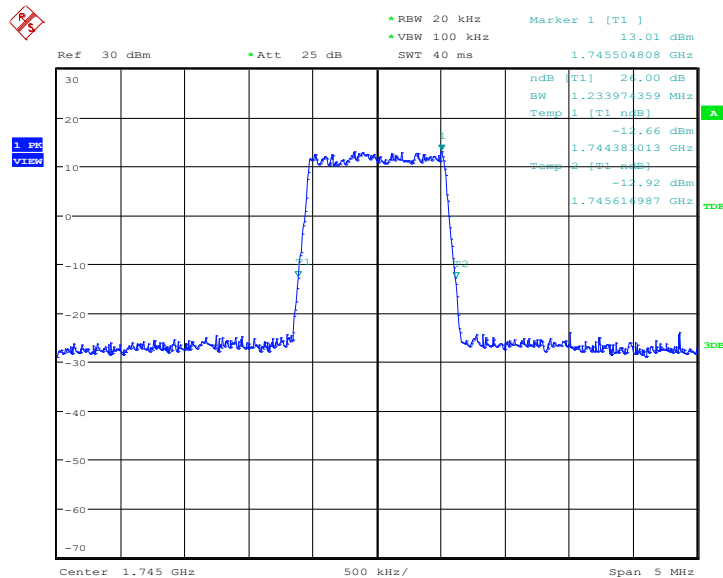
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1745.0	QPSK	16QAM	64QAM
	1233.97	1233.97	1233.97

LTE band 66, 1.4MHz Bandwidth, QPSK (-26dBc BW)



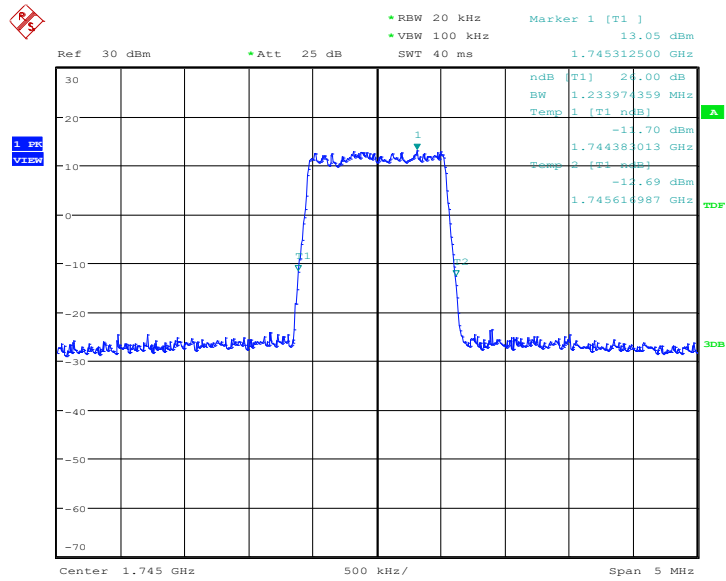
Date: 10.MAR.2020 18:39:16

LTE band 66, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 18:39:32

LTE band 66, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

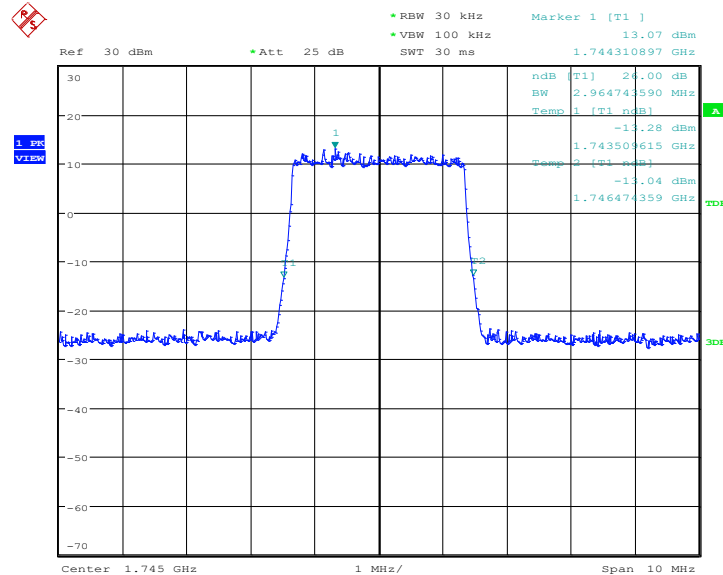


Date: 10.MAR.2020 21:23:42

LTE band 66, 3MHz (-26dBc BW)

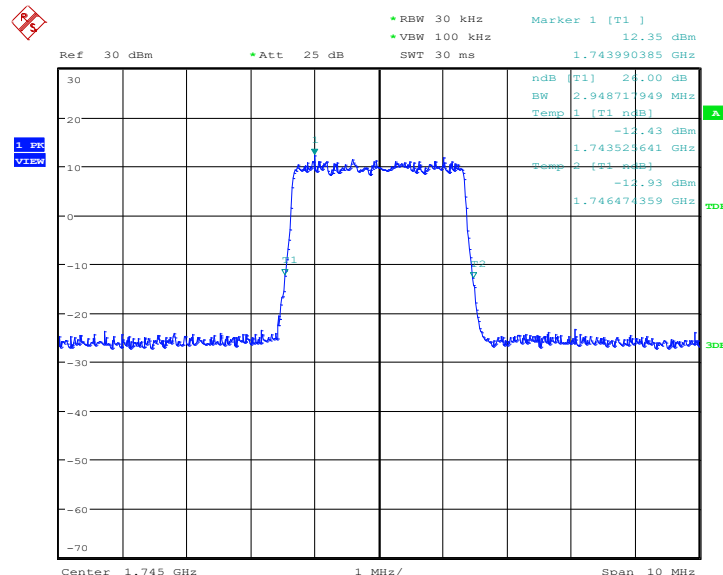
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1745.0	QPSK	16QAM	64QAM
	2964.74	2948.72	2980.77

LTE band 66, 3MHz Bandwidth, QPSK (-26dBc BW)



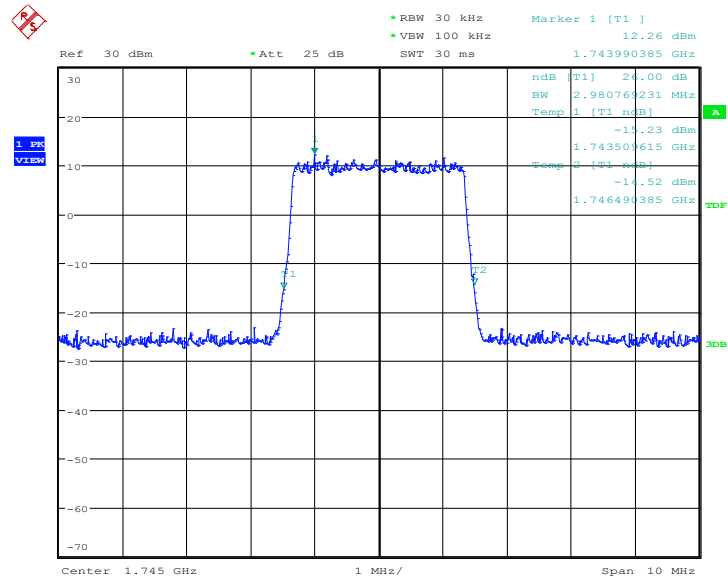
Date: 10.MAR.2020 18:44:32

LTE band 66, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 18:44:47

LTE band 66, 3MHz Bandwidth, 64QAM (-26dBc BW)

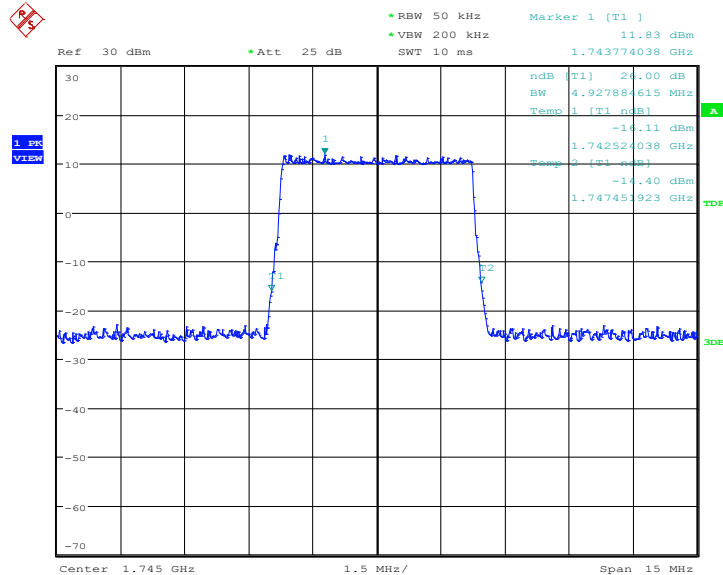


Date: 10.MAR.2020 21:27:01

LTE band 66, 5MHz (-26dBc BW)

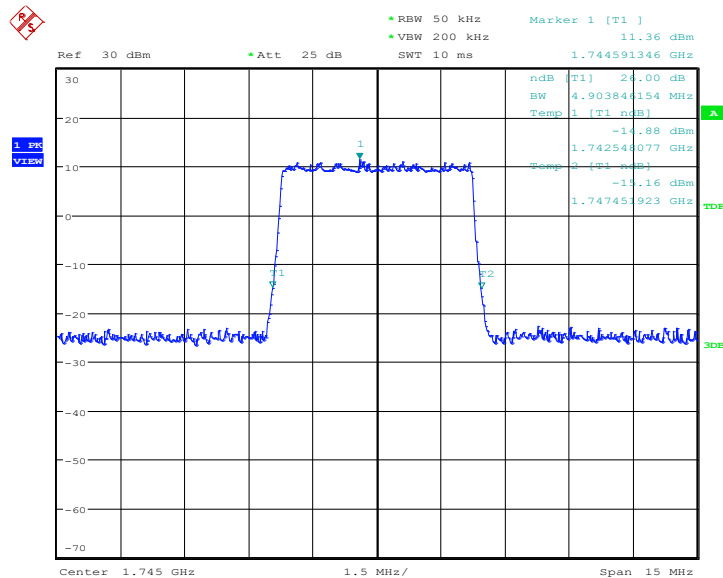
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1745.0	QPSK	16QAM	64QAM
	4927.88	4903.85	4927.88

LTE band 66, 5MHz Bandwidth, QPSK (-26dBc BW)



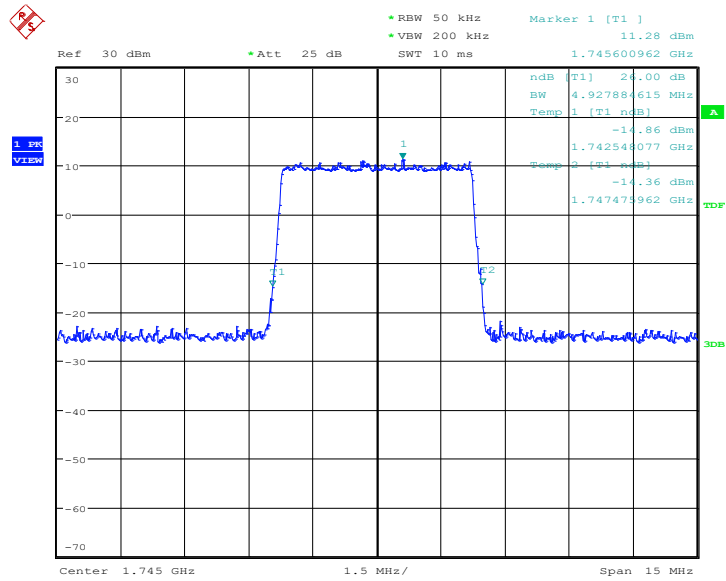
Date: 10.MAR.2020 18:49:47

LTE band 66, 5MHz Bandwidth,16QAM (-26dBc BW)



Date: 10.MAR.2020 18:50:03

LTE band 66, 5MHz Bandwidth,64QAM (-26dBc BW)

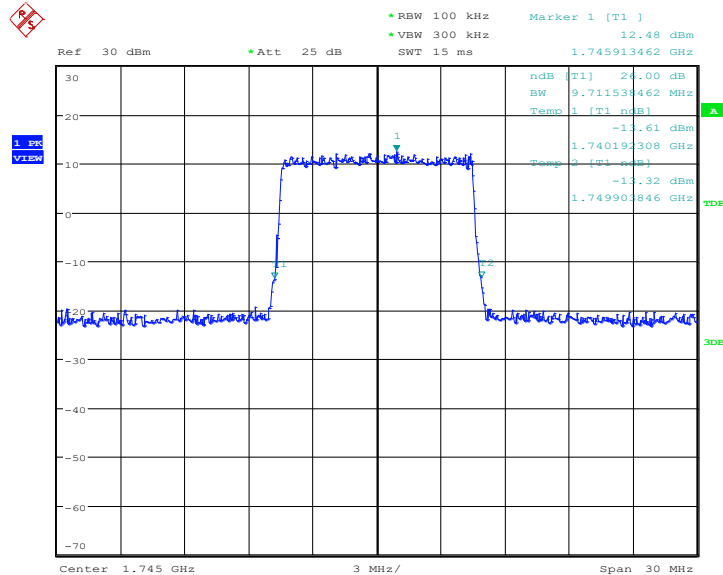


Date: 10.MAR.2020 21:30:20

LTE band 66, 10MHz (-26dBc BW)

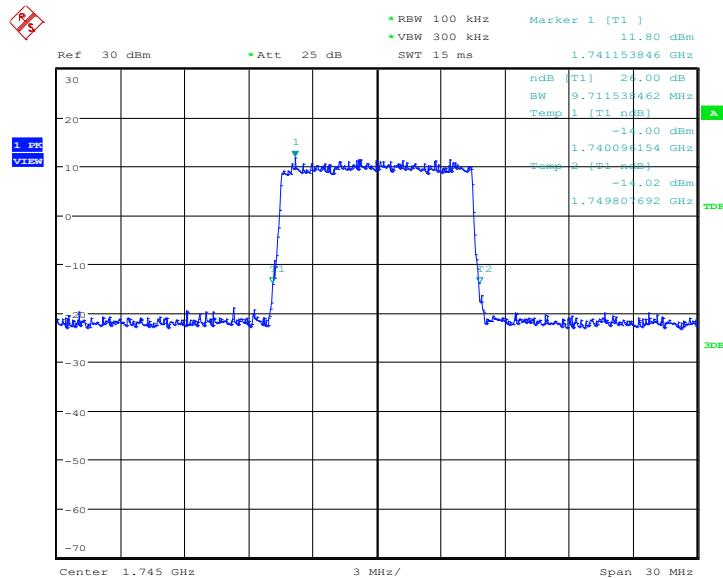
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1745.0	QPSK	16QAM	64QAM
	9711.54	9711.54	9711.54

LTE band 66, 10MHz Bandwidth, QPSK (-26dBc BW)



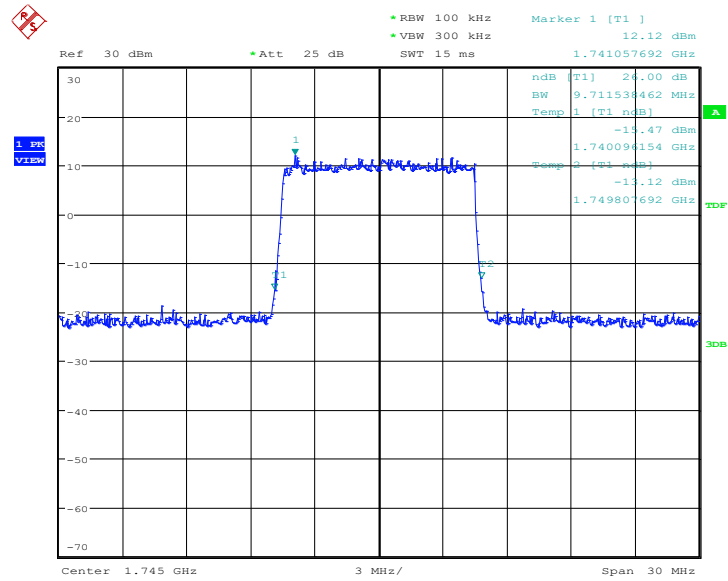
Date: 10.MAR.2020 18:55:03

LTE band 66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 18:55:19

LTE band 66, 10MHz Bandwidth, 64QAM (-26dBc BW)

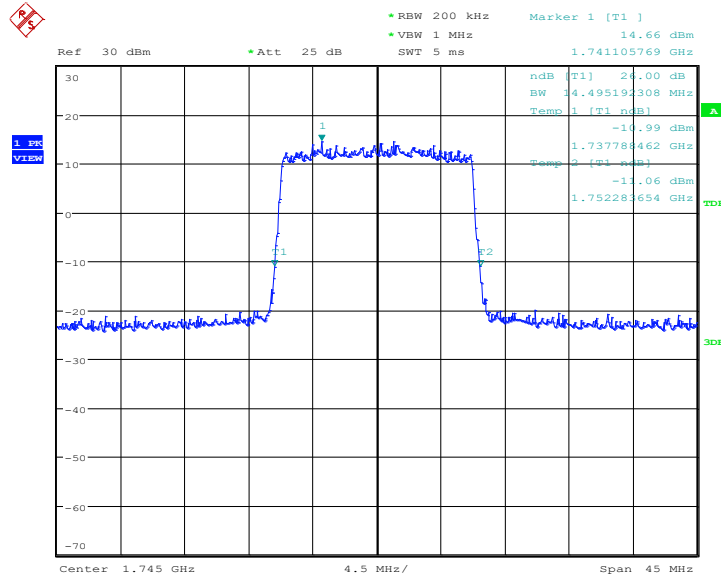


Date: 10.MAR.2020 21:33:39

LTE band 66, 15MHz (-26dBc BW)

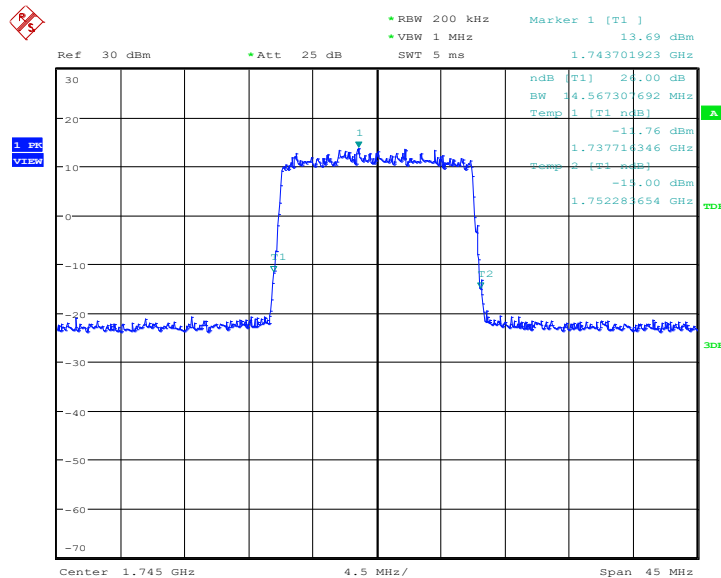
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1745.0	QPSK	16QAM	64QAM
	14495.19	14567.31	14567.31

LTE band 66, 15MHz Bandwidth, QPSK (-26dBc BW)



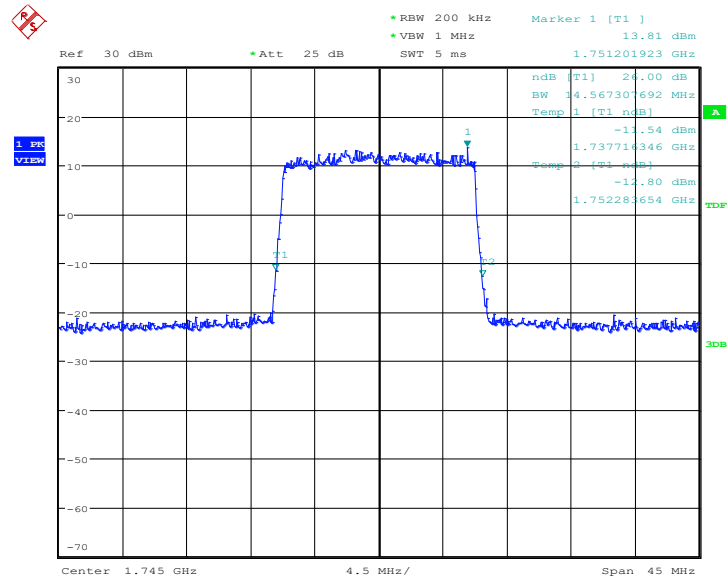
Date: 10.MAR.2020 19:00:19

LTE band 66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 19:00:34

LTE band 66, 15MHz Bandwidth, 64QAM (-26dBc BW)

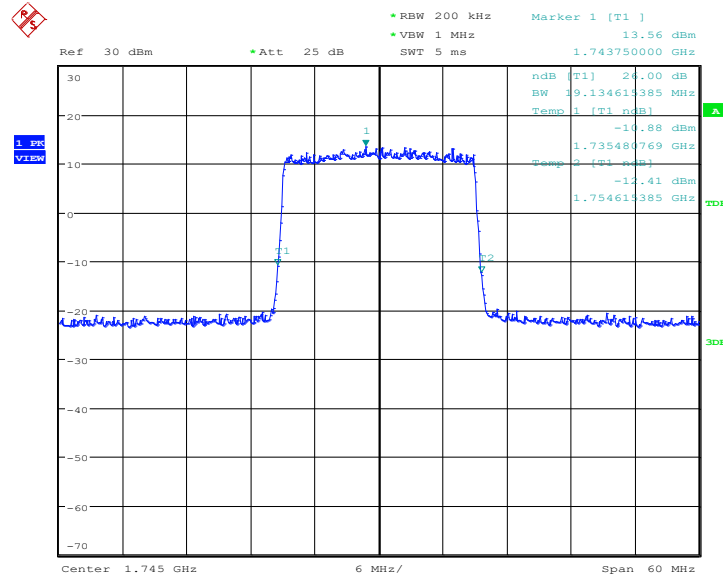


Date: 10.MAR.2020 21:36:58

LTE band 66, 20MHz (-26dBc BW)

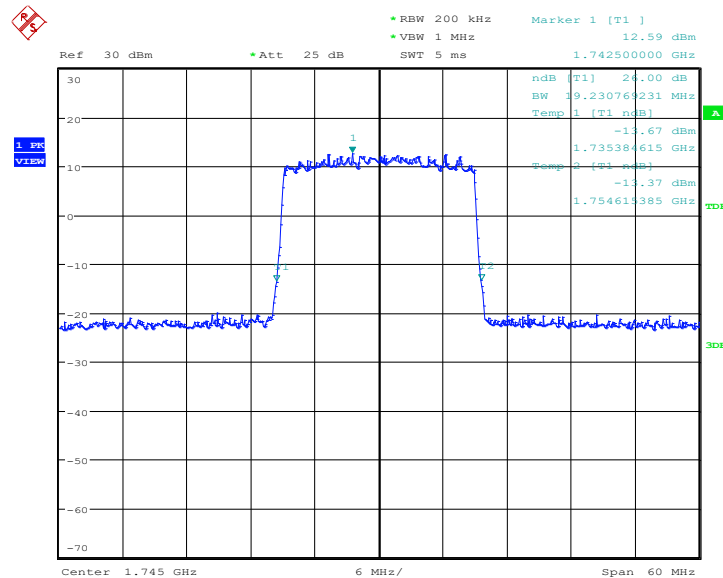
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
1745.0	QPSK	16QAM	64QAM
	19134.62	19230.77	19230.77

LTE band 66, 20MHz Bandwidth, QPSK (-26dBc BW)



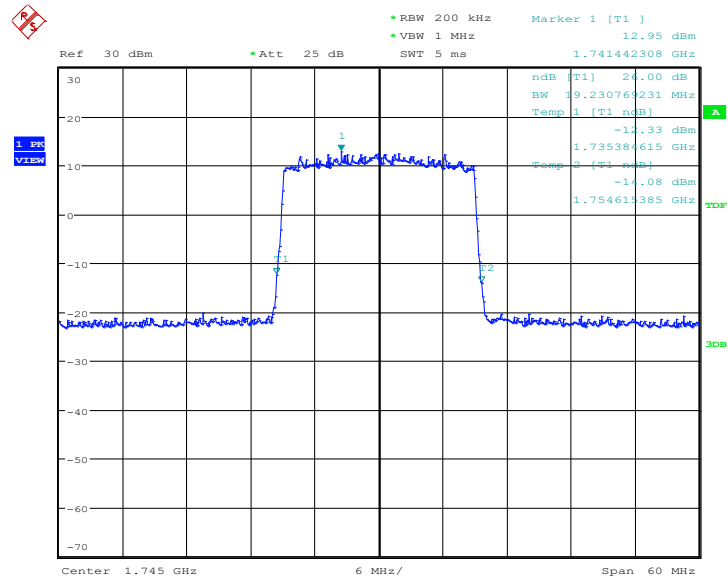
Date: 10.MAR.2020 19:05:39

LTE band 66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 10.MAR.2020 19:05:55

LTE band 66, 20MHz Bandwidth, 64QAM (-26dBc BW)

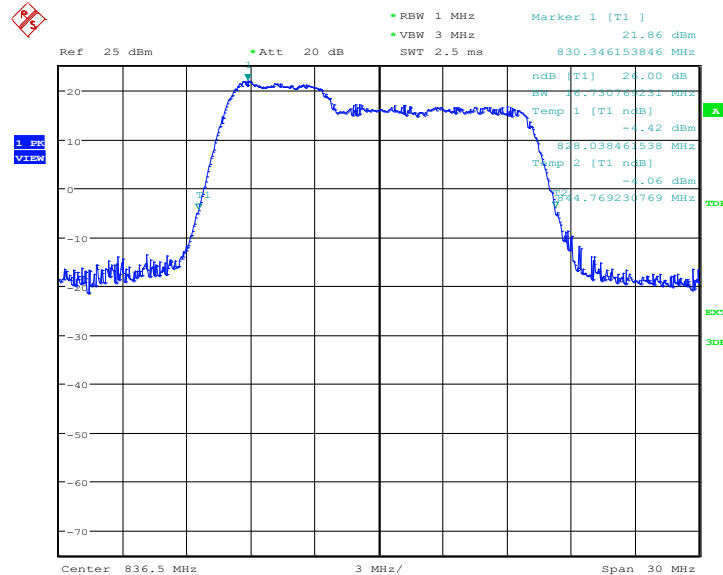


Date: 10.MAR.2020 21:40:17

LTE Band CA_5B, 5MHz+10MHz (-26dBc BW)

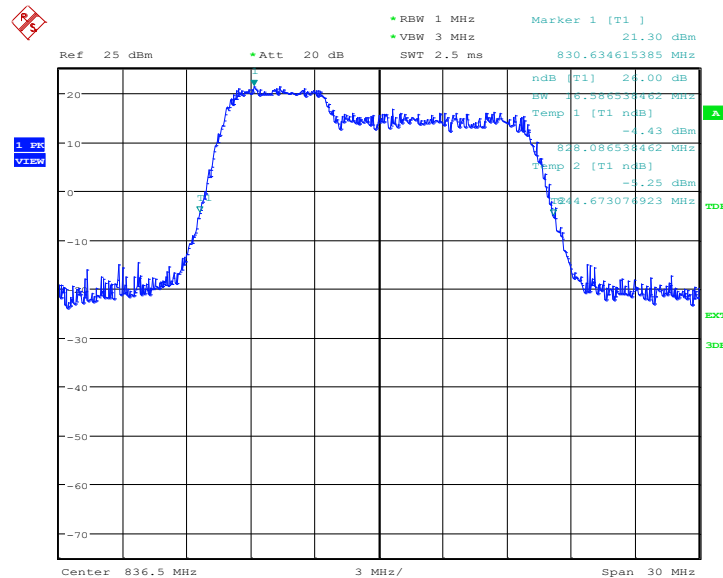
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.6	QPSK	16QAM	64QAM
	16730.77	16556.54	16971.15

LTE Band CA_5B, 5MHz+10MHz Bandwidth, QPSK (-26dBc BW)



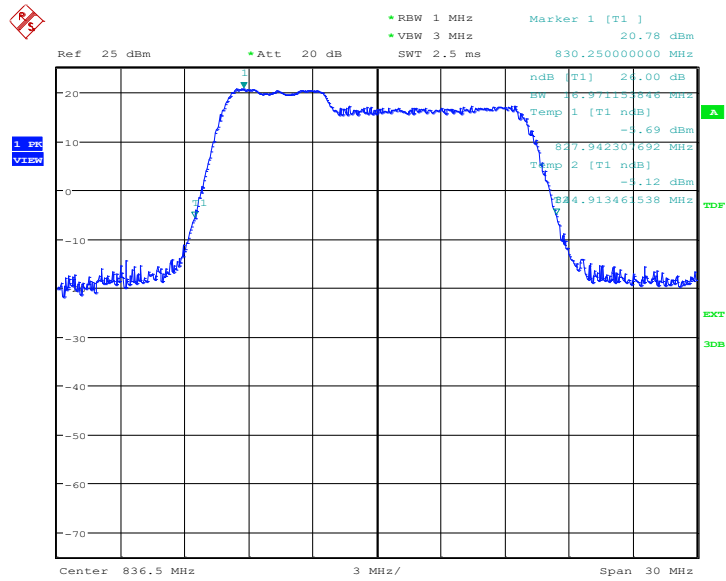
Date: 5.APR.2020 11:31:23

LTE Band CA_5B, 5MHz+10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 5.APR.2020 11:32:18

LTE Band CA_5B, 5MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

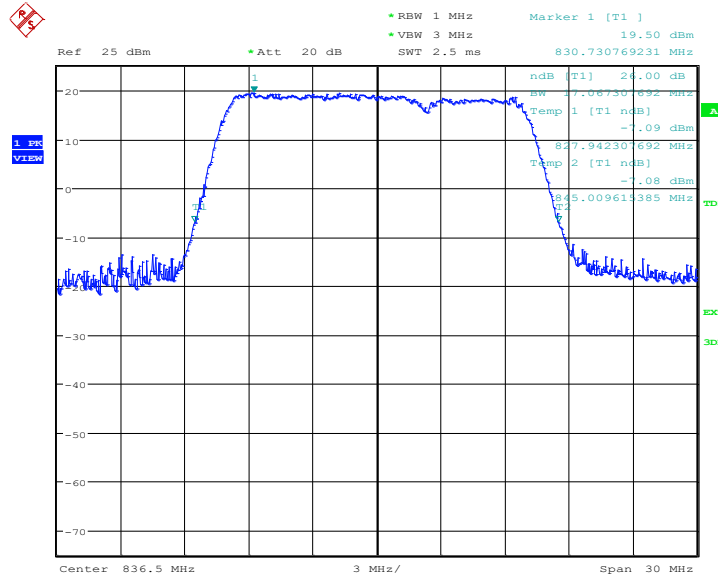


Date: 5.APR.2020 11:30:40

LTE Band CA_5B, 10MHz+5MHz (-26dBc BW)

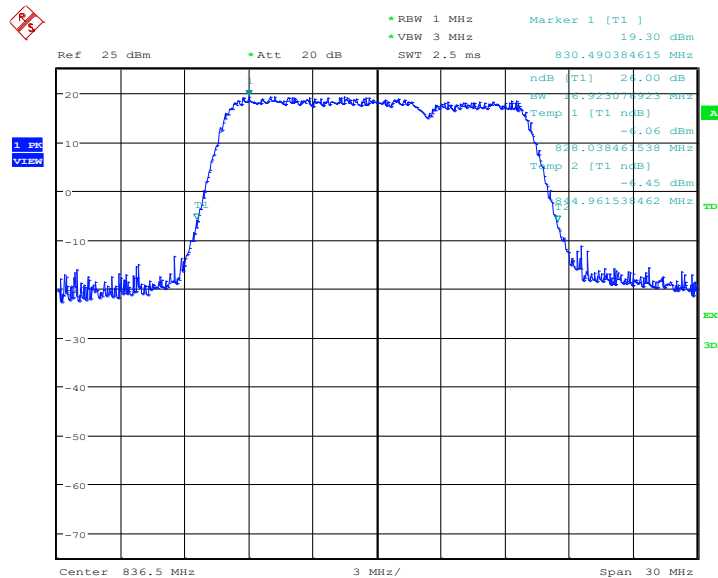
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.6	QPSK	16QAM	64QAM
	17067.31	16923.08	17067.31

LTE Band CA_5B, 10MHz+5MHz Bandwidth, QPSK (-26dBc BW)



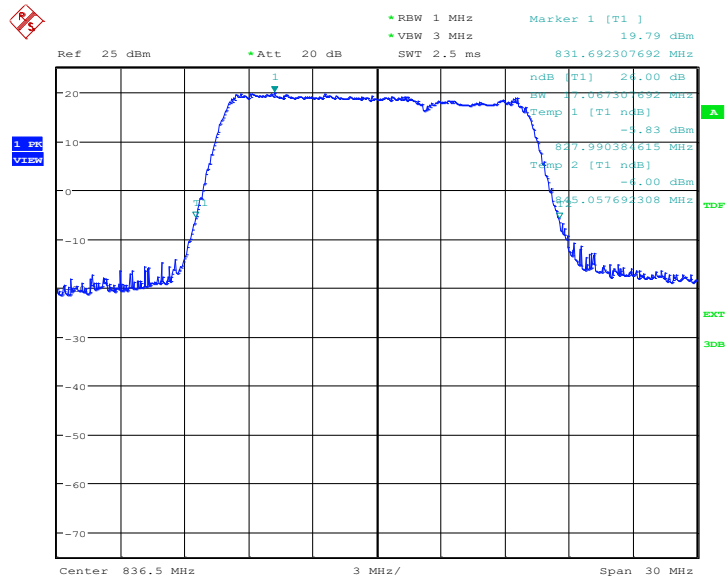
Date: 5.APR.2020 11:39:14

LTE Band CA_5B, 10MHz+5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 5.APR.2020 11:39:32

LTE Band CA_5B, 10MHz+5MHz Bandwidth, 64QAM (-26dBc BW)

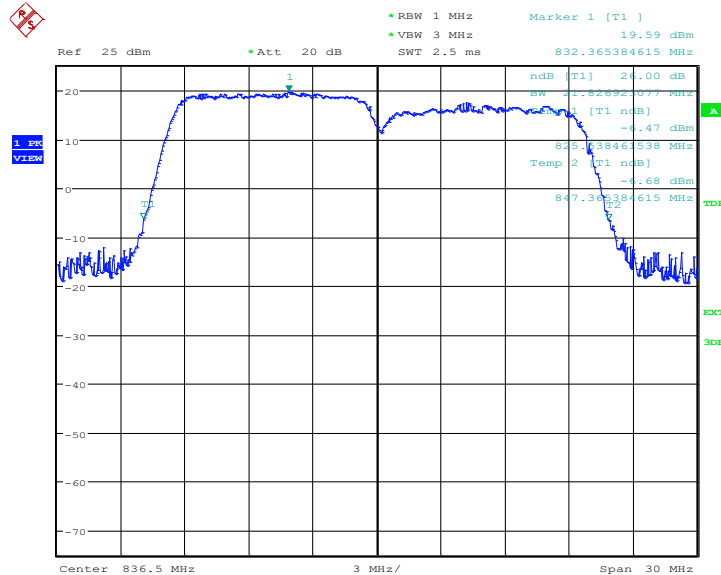


Date: 5.APR.2020 11:33:47

LTE Band CA_5B, 10MHz+10MHz (-26dBc BW)

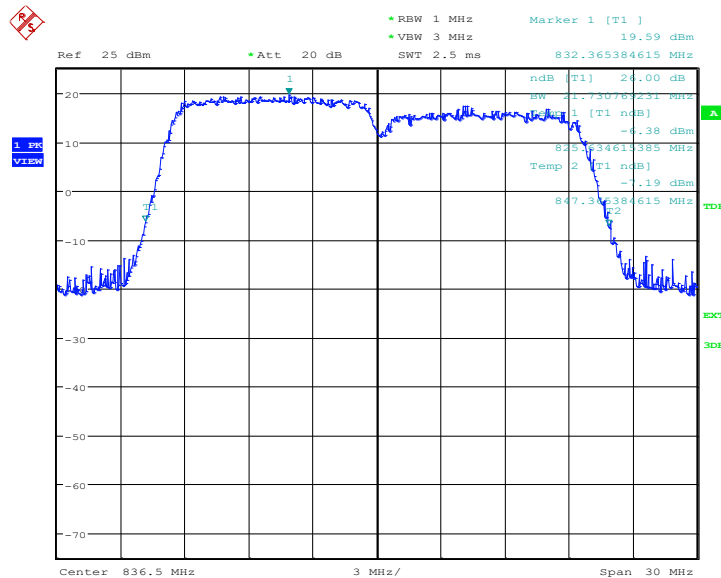
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
836.6	QPSK	16QAM	64QAM
	21526.92	21730.77	21730.77

LTE Band CA_5B, 10MHz+10MHz Bandwidth, QPSK (-26dBc BW)



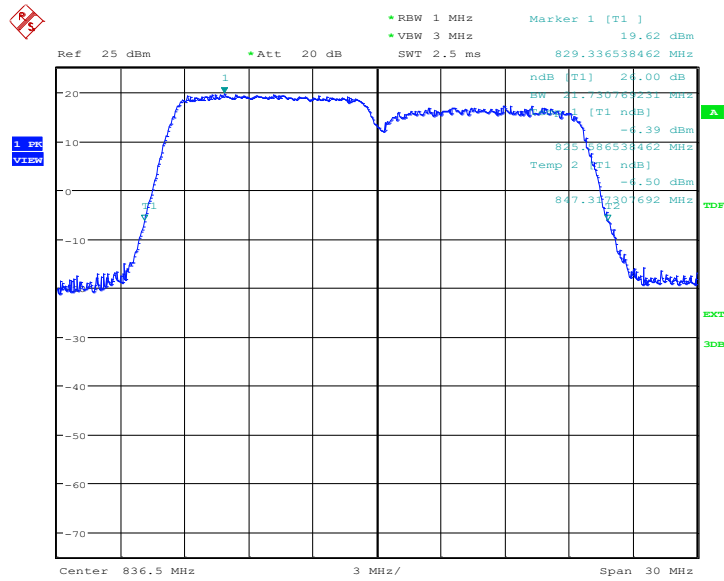
Date: 5.APR.2020 11:42:02

LTE Band CA_5B, 10MHz+10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 5.APR.2020 11:42:30

LTE Band CA_5B, 10MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

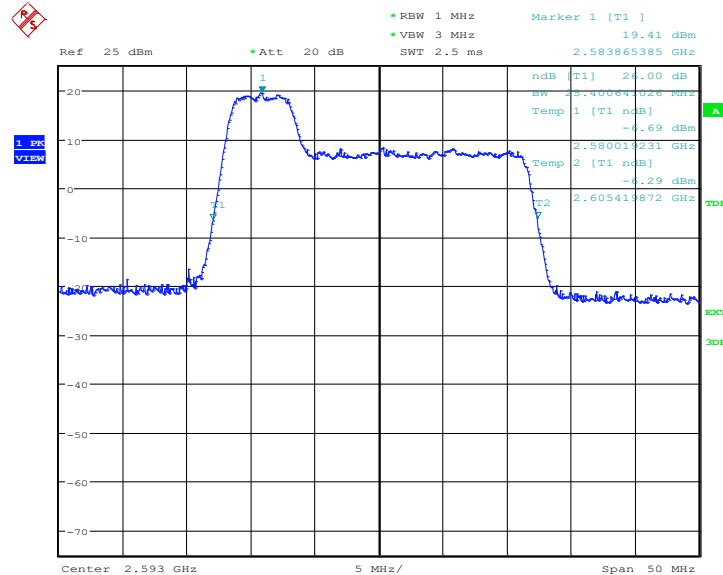


Date: 5.APR.2020 11:43:10

LTE Band CA_41C, 5MHz+20MHz (-26dBc BW)

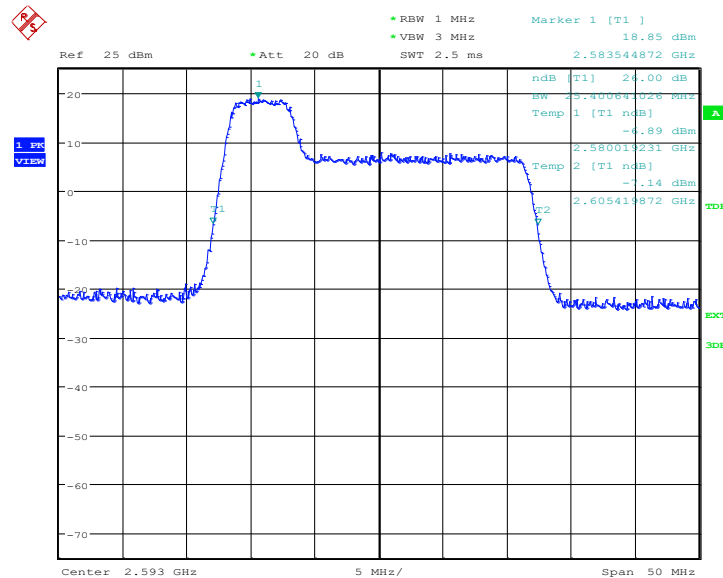
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	25400.64	25400.64	25560.90

LTE Band CA_41C, 5MHz+20MHz Bandwidth, QPSK (-26dBc BW)



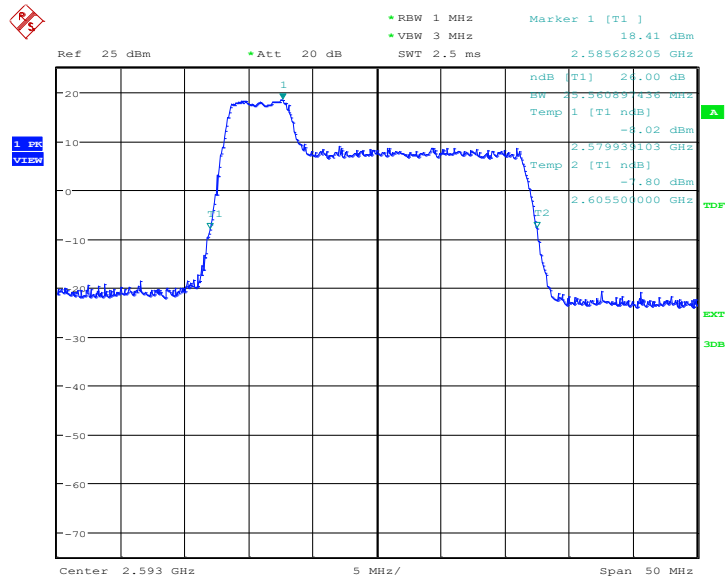
Date: 6.APR.2020 07:43:14

LTE Band CA_41C, 5MHz+20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 07:43:35

LTE Band CA_41C, 5MHz+20MHz Bandwidth, 64QAM (-26dBc BW)

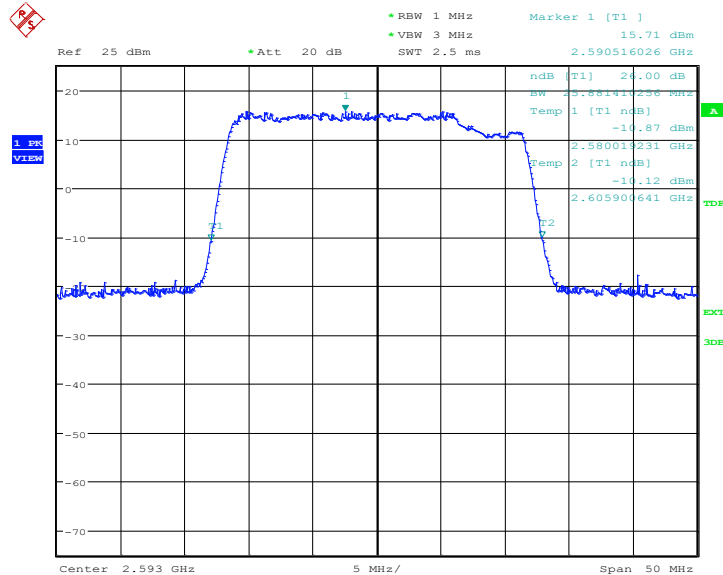


Date: 6.APR.2020 07:42:31

LTE Band CA_41C, 20MHz+5MHz (-26dBc BW)

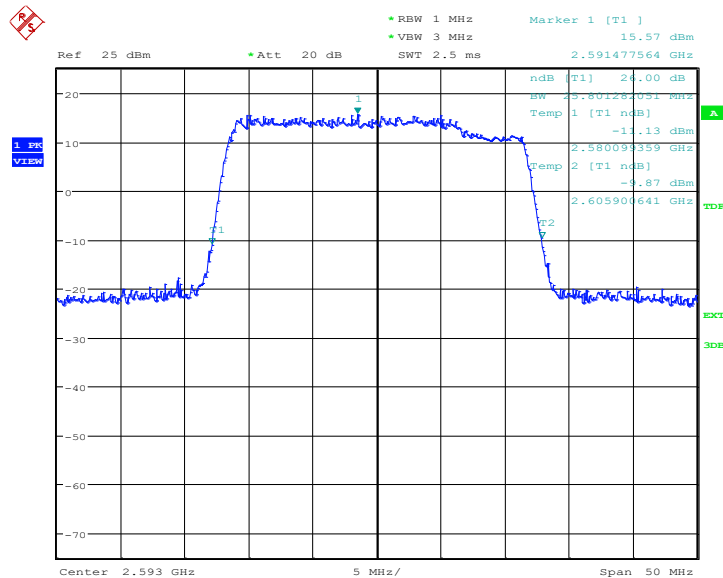
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	25881.41	25801.28	25801.28

LTE Band CA_41C, 20MHz+5MHz Bandwidth, QPSK (-26dBc BW)



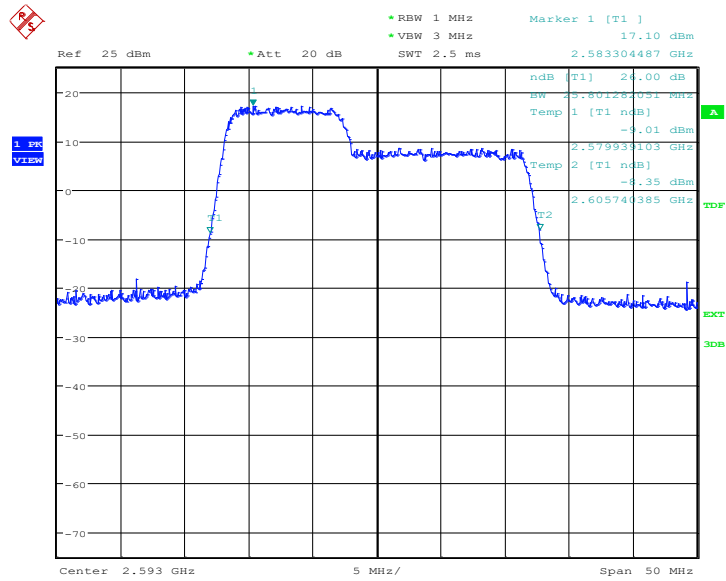
Date: 6.APR.2020 07:48:04

LTE Band CA_41C, 20MHz+5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 07:48:24

LTE Band CA_41C, 20MHz+5MHz Bandwidth, 64QAM (-26dBc BW)

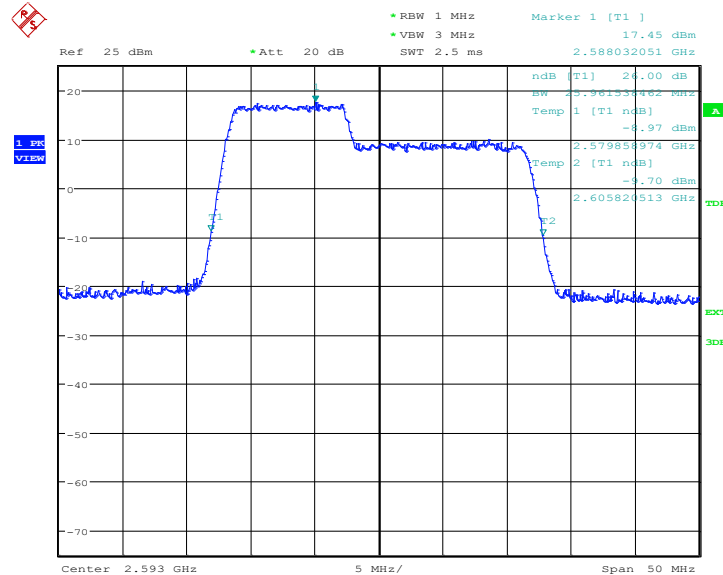


Date: 6.APR.2020 07:56:31

LTE Band CA_41C, 10MHz+15MHz (-26dBc BW)

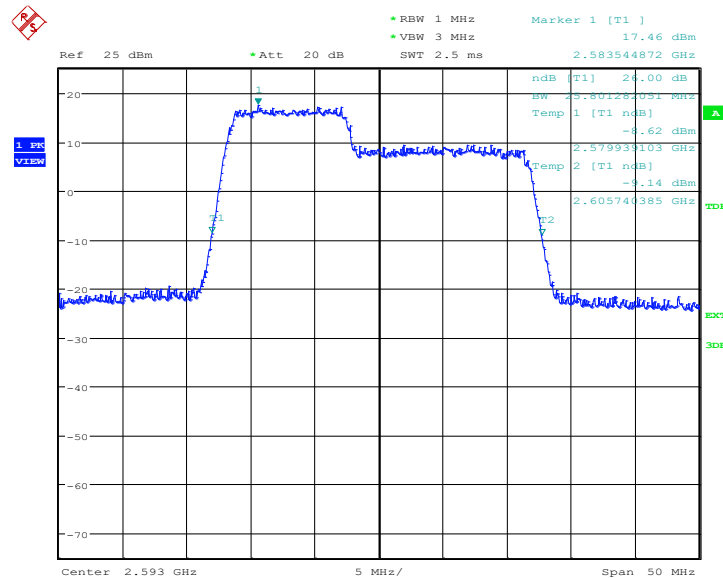
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	25961.54	25801.28	25801.28

LTE Band CA_41C, 10MHz+15MHz Bandwidth, QPSK (-26dBc BW)



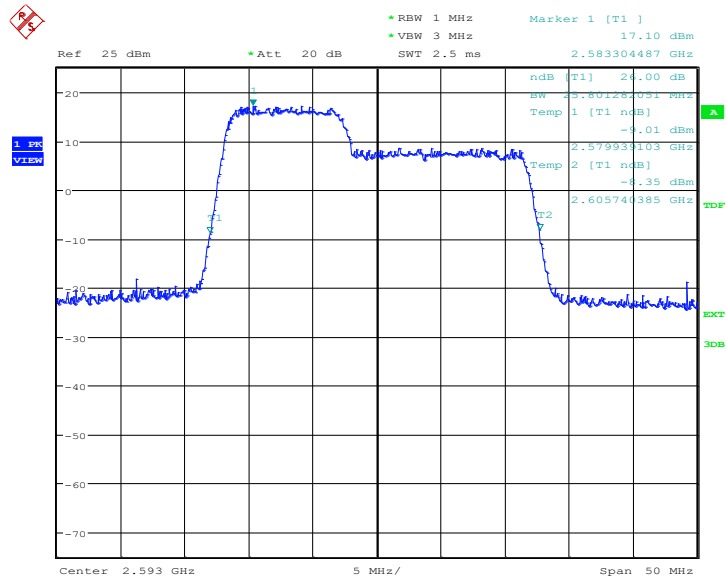
Date: 6.APR.2020 07:57:05

LTE Band CA_41C, 10MHz+15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 07:57:34

LTE Band CA_41C, 10MHz+15MHz Bandwidth, 64QAM (-26dBc BW)

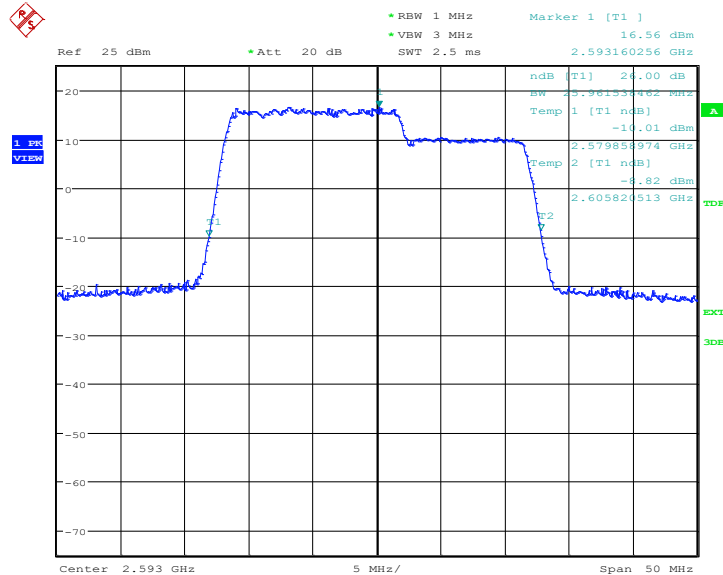


Date: 6.APR.2020 07:56:31

LTE Band CA_41C, 15MHz+10MHz (-26dBc BW)

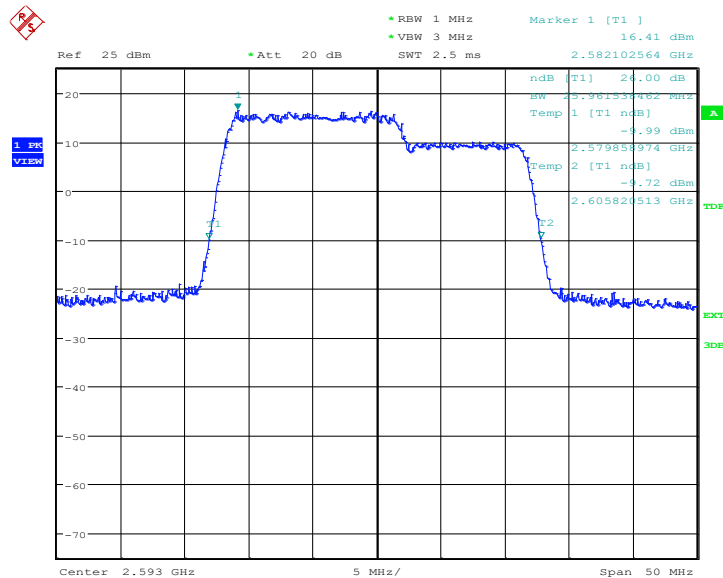
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	25961.54	25961.54	25881.41

LTE Band CA_41C, 15MHz+10MHz Bandwidth, QPSK (-26dBc BW)



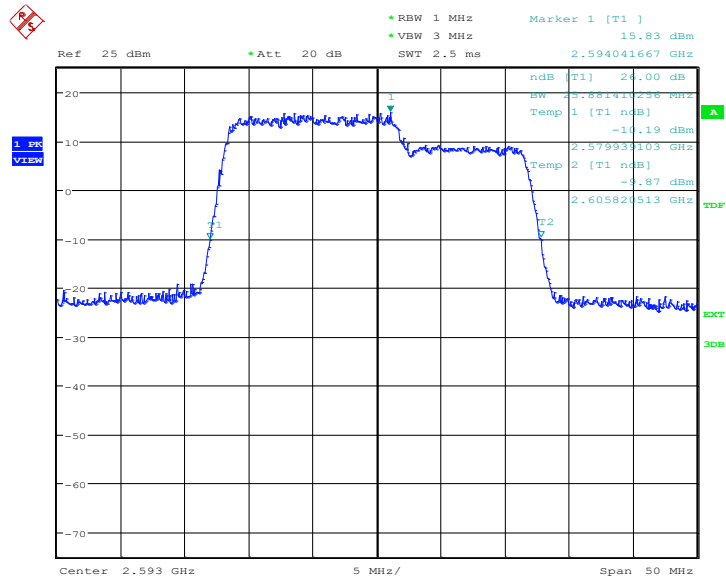
Date: 6.APR.2020 08:00:32

LTE Band CA_41C, 15MHz+10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 08:00:50

LTE Band CA_41C, 15MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

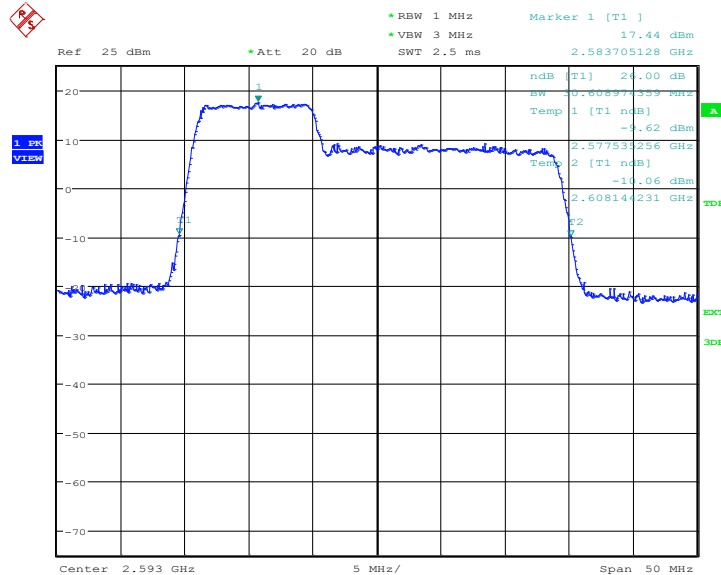


Date: 6.APR.2020 08:01:09

LTE Band CA_41C, 10MHz+20MHz (-26dBc BW)

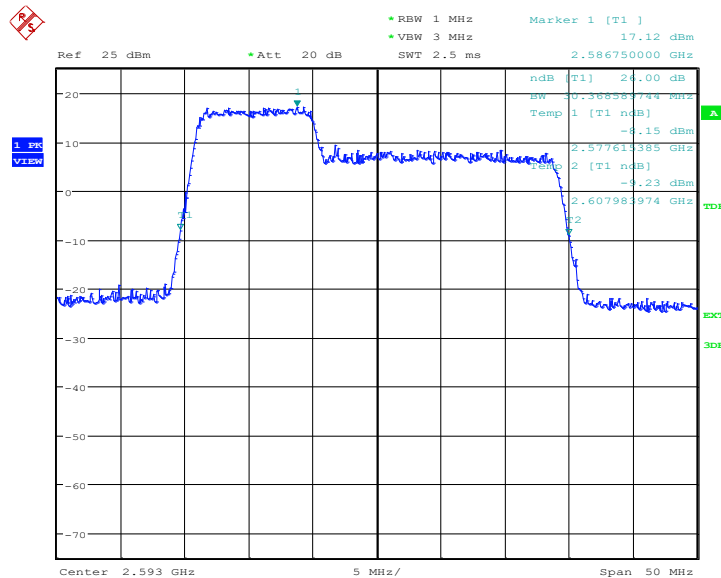
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	30608.97	30368.59	30368.59

LTE Band CA_41C, 10MHz+20MHz Bandwidth, QPSK (-26dBc BW)



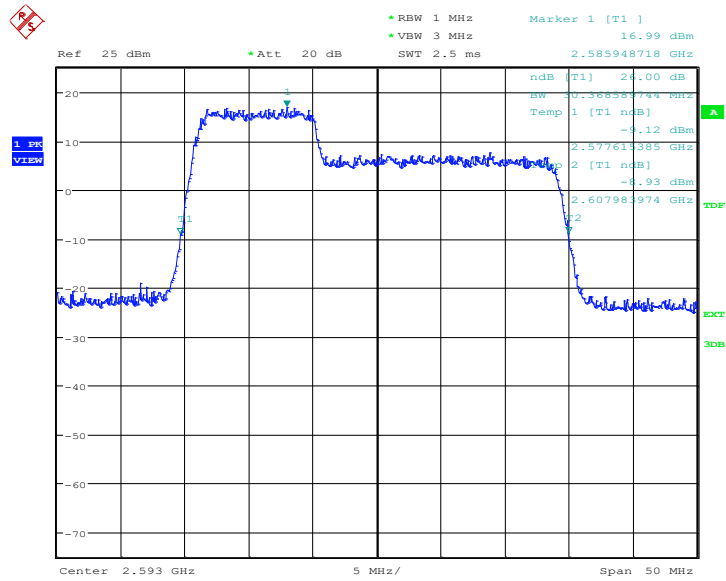
Date: 6.APR.2020 08:10:51

LTE Band CA_41C, 10MHz+20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 08:11:08

LTE Band CA_41C, 10MHz+20MHz Bandwidth, 64QAM (-26dBc BW)

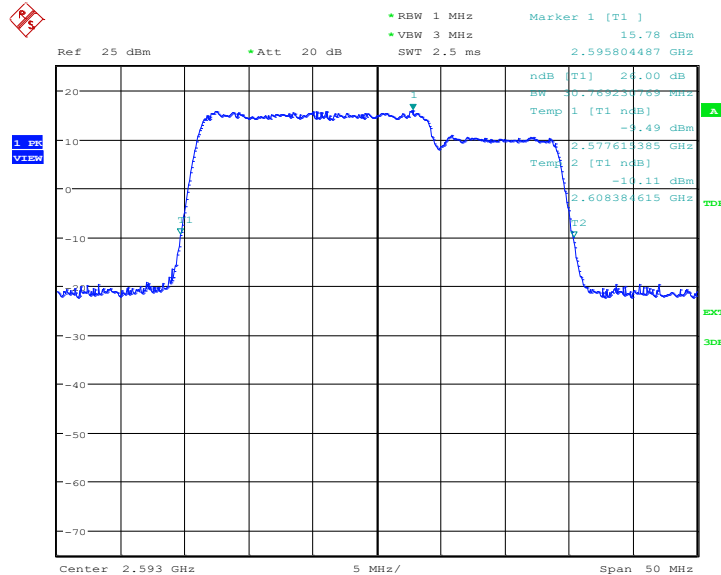


Date: 6.APR.2020 08:10:07

LTE Band CA_41C, 20MHz+10MHz (-26dBc BW)

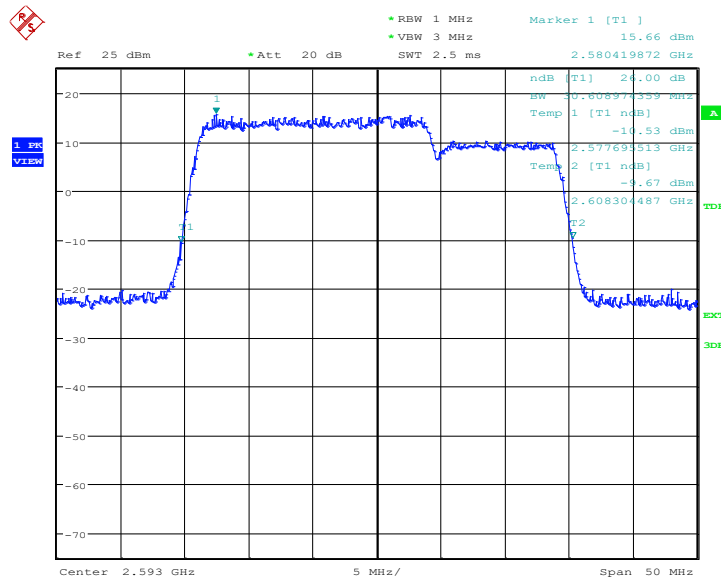
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	30769.23	30608.97	30689.10

LTE Band CA_41C, 20MHz+10MHz Bandwidth, QPSK (-26dBc BW)



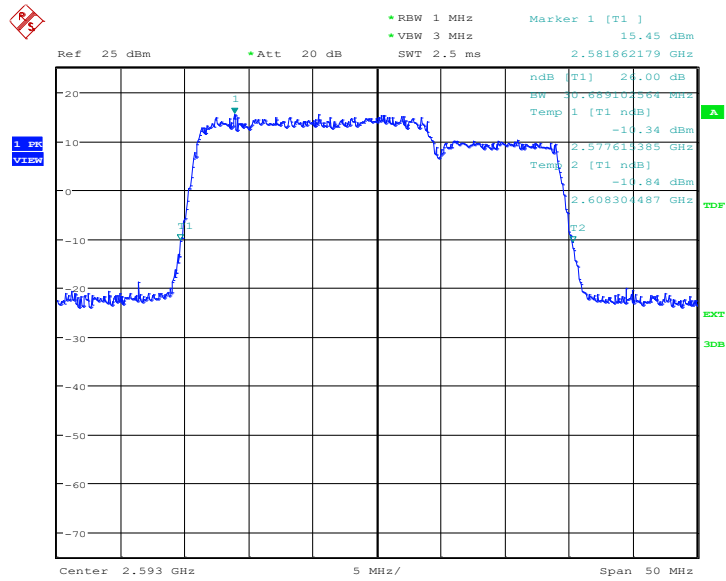
Date: 6.APR.2020 08:51:21

LTE Band CA_41C, 20MHz+10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 08:51:36

LTE Band CA_41C, 20MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

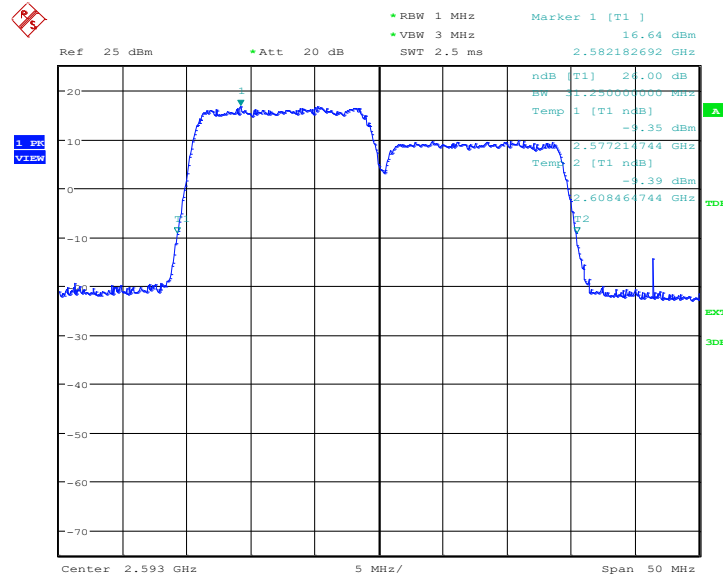


Date: 6.APR.2020 08:51:56

LTE Band CA_41C, 15MHz+15MHz (-26dBc BW)

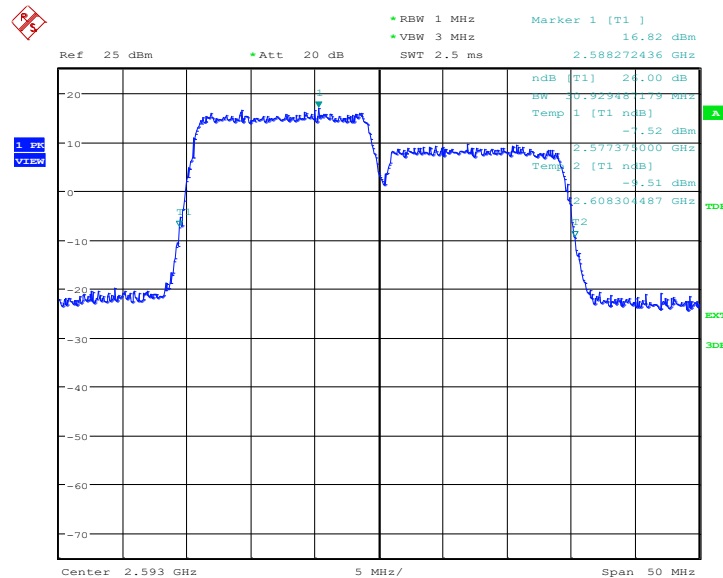
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	31250.00	30929.49	31089.74

LTE Band CA_41C, 15MHz+15MHz Bandwidth, QPSK (-26dBc BW)



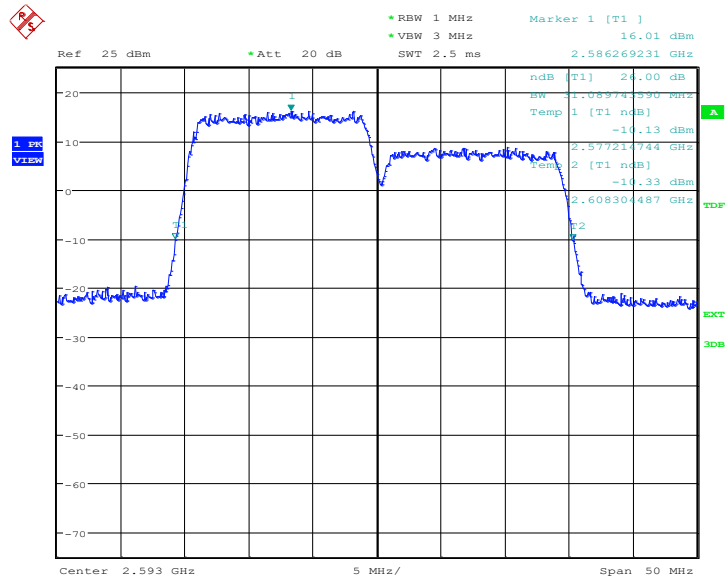
Date: 6.APR.2020 09:10:11

LTE Band CA_41C, 15MHz+15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 09:10:30

LTE Band CA_41C, 15MHz+15MHz Bandwidth, 64QAM (-26dBc BW)

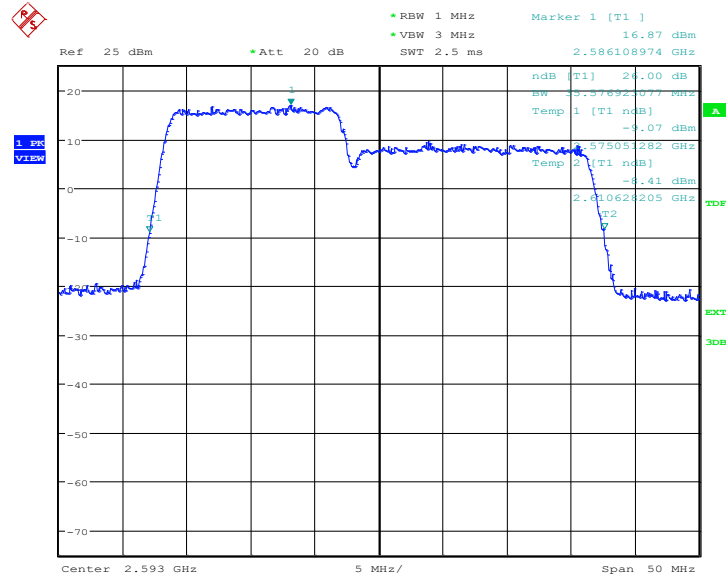


Date: 6.APR.2020 09:09:37

LTE Band CA_41C, 15MHz+20MHz (-26dBc BW)

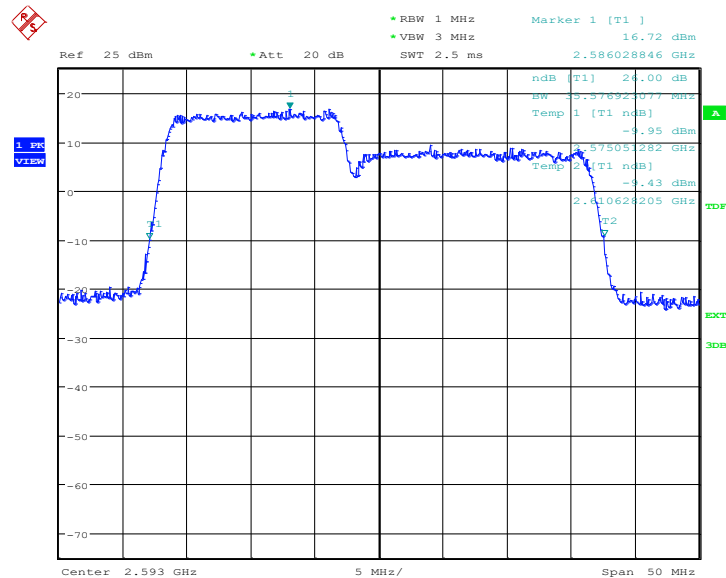
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	35576.92	35576.92	35336.54

LTE Band CA_41C, 15MHz+20MHz Bandwidth, QPSK (-26dBc BW)



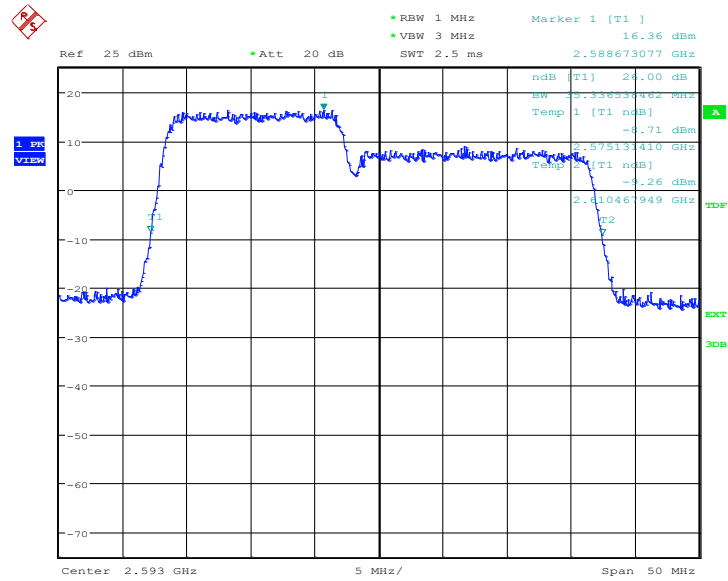
Date: 6.APR.2020 09:26:27

LTE Band CA_41C, 15MHz+20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 09:26:43

LTE Band CA_41C, 15MHz+20MHz Bandwidth, 64QAM (-26dBc BW)

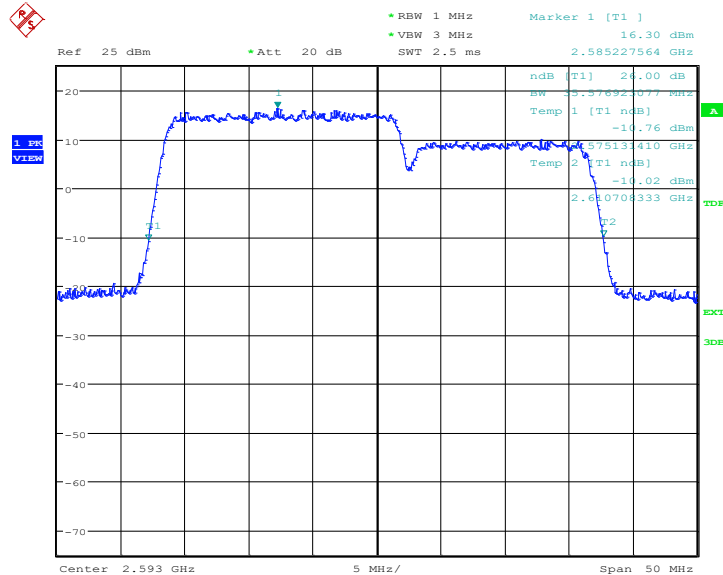


Date: 6.APR.2020 09:26:57

LTE Band CA_41C, 20MHz+15MHz (-26dBc BW)

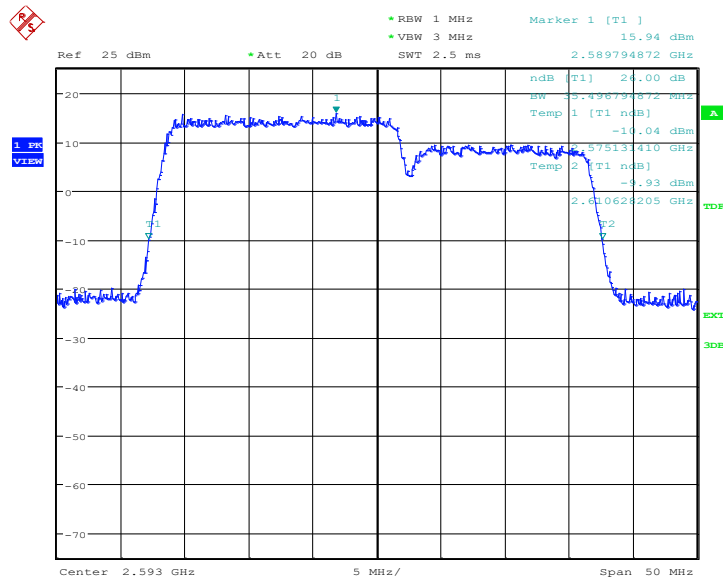
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	35576.92	35496.79	35496.79

LTE Band CA_41C, 20MHz+15MHz Bandwidth, QPSK (-26dBc BW)



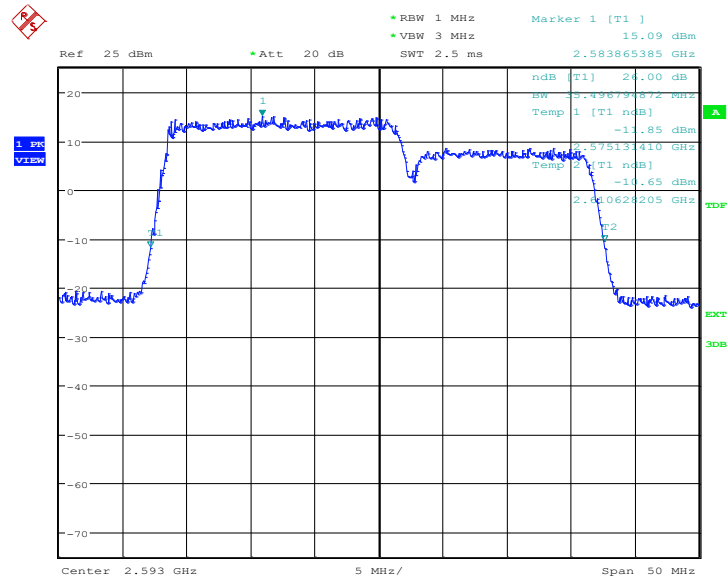
Date: 6.APR.2020 09:34:57

LTE Band CA_41C, 20MHz+15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 09:35:10

LTE Band CA_41C, 20MHz+15MHz Bandwidth, 64QAM (-26dBc BW)

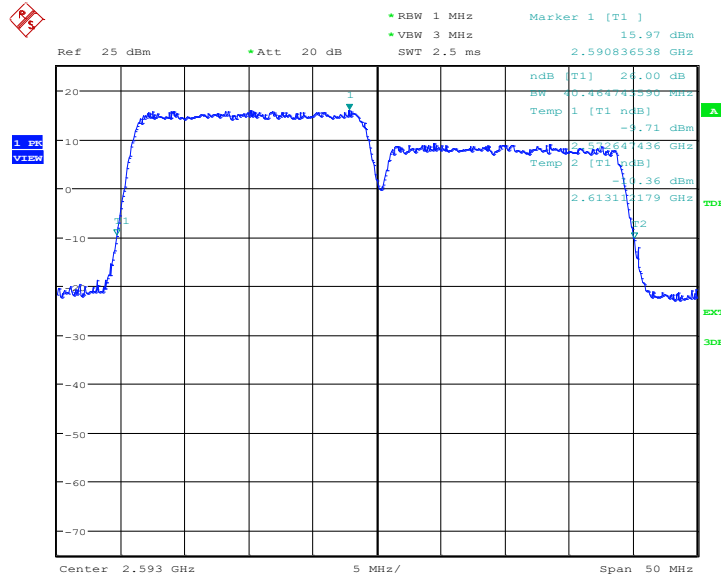


Date: 6.APR.2020 09:35:37

LTE Band CA_41C, 20MHz+20MHz (-26dBc BW)

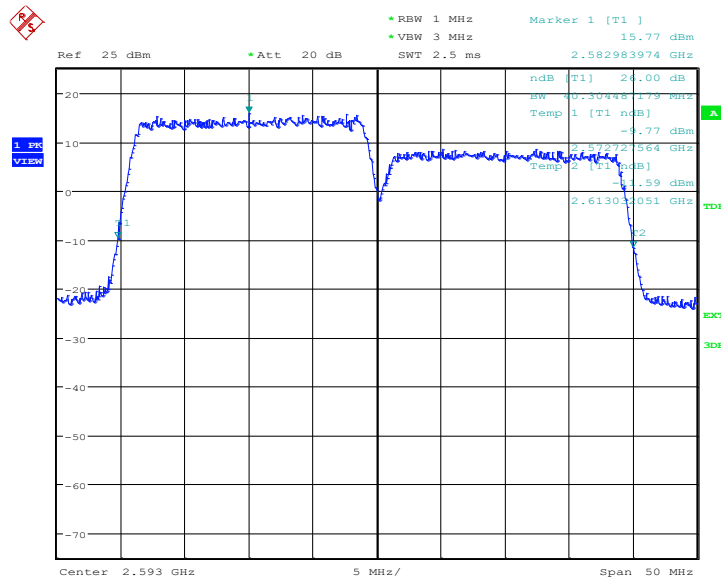
Frequency(MHz)	Emission Bandwidth (-26dBc BW)(kHz)		
2593.0	QPSK	16QAM	64QAM
	40464.74	40304.49	40224.36

LTE Band CA_41C, 20MHz+20MHz Bandwidth, QPSK (-26dBc BW)



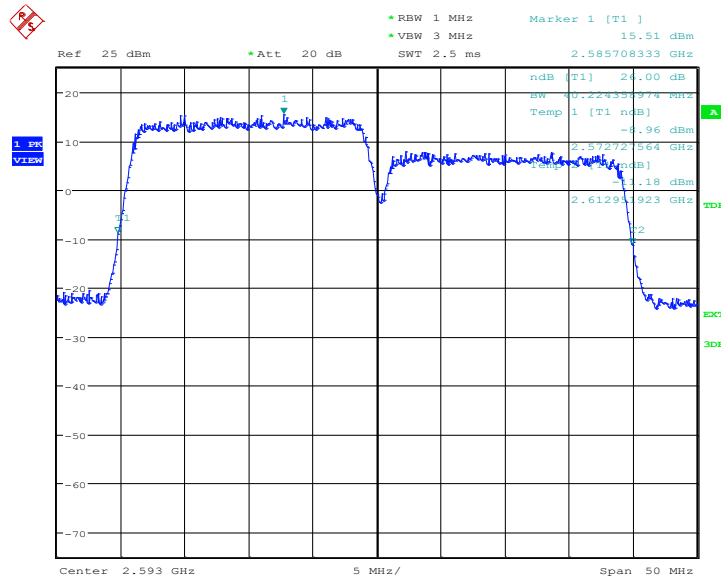
Date: 6.APR.2020 09:37:39

LTE Band CA_41C, 20MHz+20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 6.APR.2020 09:37:53

LTE Band CA_41C, 20MHz+20MHz Bandwidth, 64QAM (-26dBc BW)



Date: 6.APR.2020 09:38:12

Note: Expanded measurement uncertainty is $U = 3428 \text{ Hz}$, $k = 2$

A.6 BAND EDGE COMPLIANCE

Reference

FCC: CFR Part 2.1051, 22.917, 24.238, 27.53, 90.691.

A.6.1 Measurement limit

On any frequency outside frequency band

d of the US Cellular/PCS spectrum, the power of any emission shall be attenuated below the transmitter power (P, in Watts) by at least $43+10\log(P)$ dB. For all power levels +30 dBm to 0 dBm, this becomes a constant specification limit of -13 dBm.

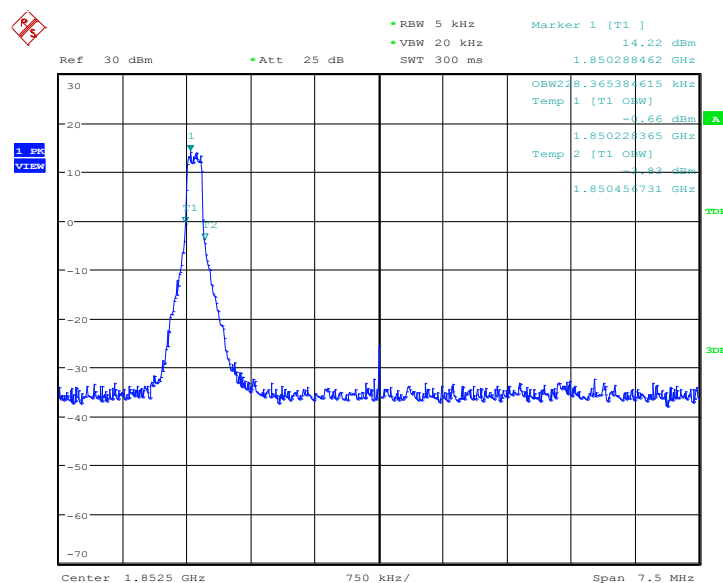
A relaxation of the reference bandwidth is often provided for measurements within a specified frequency range at the edge of the authorized frequency block/band. This is often implemented by permitting the use of a narrower RBW (typically limited to a minimum RBW of 1% of the OBW) for measuring the out-of-band emissions without a requirement to integrate the result over the full reference bandwidth.

A.6.2 Measurement result

Only worst case result is given below

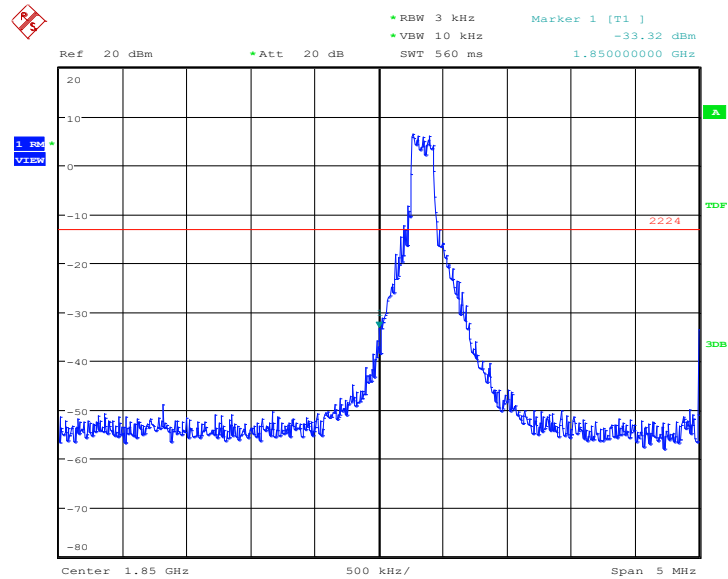
LTE band 2

OBW: 1RB-low_offset



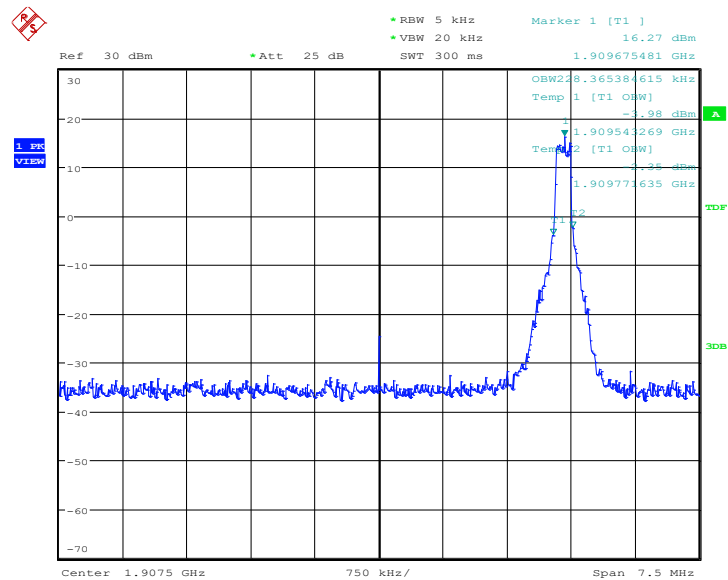
Date: 19.MAR.2020 16:49:19

LOW BAND EDGE BLOCK-1RB-low_offset



Date: 19.MAR.2020 16:50:03

OBW: 1RB-high_offset



Date: 19.MAR.2020 16:12:01