

LTE Band 26(824MHz~849MHz), 15MHz bandwidth QPSK (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	824.577	848.447		
50				-5.34	0.0064
40				-5.99	0.0072
30				-6.42	0.0077
10				-5.26	0.0063
0				-5.55	0.0066
-10				-6.68	0.0080
-20				-6.49	0.0078
-30				-6.79	0.0081

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	824.577	848.447	0.94	0.0011
4.20				-6.49	0.0078

LTE Band 41, 20MHz bandwidth QPSK (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	2496.385	2689.583		
50				1.34	0.0005
40				-0.10	0.0000
30				-0.44	0.0002
10				0.37	0.0001
0				-0.74	0.0003
-10				-2.39	0.0009
-20				0.93	0.0004
-30				1.30	0.0005

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	2496.385	2689.583	1.24	0.0005
4.20				-0.63	0.0002

LTE Band 66, 20MHz bandwidth QPSK (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	1710.833	1779.199		
50				1.75	0.0010
40				0.69	0.0004
30				-0.51	0.0003
10				9.84	0.0056
0				9.61	0.0055
-10				9.71	0.0056
-20				1.87	0.0011
-30				1.06	0.0006

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	1710.833	1779.199	1.56	0.0009
4.20				1.97	0.0011

LTE Band 71, 20MHz bandwidth QPSK (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	663.994	697.006		
50				0.49	0.0007
40				1.03	0.0015
30				0.40	0.0006
10				6.24	0.0092
0				0.17	0.0002
-10				0.64	0.0009
-20				1.39	0.0020
-30				0.30	0.0004

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	663.994	697.006	-0.03	0.0000
4.20				-0.23	0.0003

LTE CA Band 41C, 20MHz+20MHz bandwidth QPSK(worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	2496.87	2689.07		
50				-4.90	0.0019
40				-4.40	0.0017
30				-6.00	0.0023
10				-6.50	0.0025
0				-6.20	0.0024
-10				-4.50	0.0017
-20				-3.40	0.0013
-30				-5.40	0.0021

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	2496.87	2689.07	-2.30	0.0009
4.20				-0.60	0.0002

LTE CA Band 66B, 20MHz+20MHz bandwidth QPSK(worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	1710.30	1779.60		
50				-0.20	0.0001
40				-1.00	0.0006
30				-1.70	0.0010
10				-0.70	0.0004
0				0.10	0.0001
-10				-2.40	0.0014
-20				-1.30	0.0007
-30				0.70	0.0004

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	1710.30	1779.60	-2.5	0.0010
4.20				1.2	0.0005

LTE CA Band 66C, 20MHz+20MHz bandwidth QPSK(worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
20	3.80	1710.43	1779.28		
50				-1.60	0.0009
40				0.30	0.0002
30				0.60	0.0003
10				-0.70	0.0004
0				-2.30	0.0013
-10				1.20	0.0007
-20				-19.10	0.0109
-30				-0.40	0.0002

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	F _L (MHz)	F _H (MHz)	Offset(Hz)	Frequency error(ppm)
3.65	20	1710.43	1779.28	-1.30	0.0007
4.20				2.60	0.0015

A.4 Occupied Bandwidth

Occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the mid frequencies frequency. The table below lists the measured 99% BW. Spectrum analyzer plots are included on the following pages.

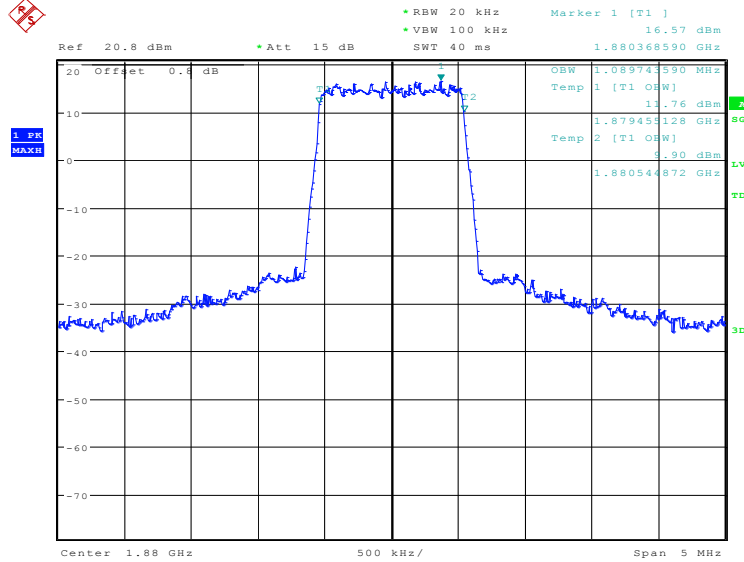
The measurement method is from ANSI C63.26:

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts.
- b) The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation.
- d) Set the detection mode to peak, and the trace mode to max-hold.

LTE band 2, 1.4MHz (99%)

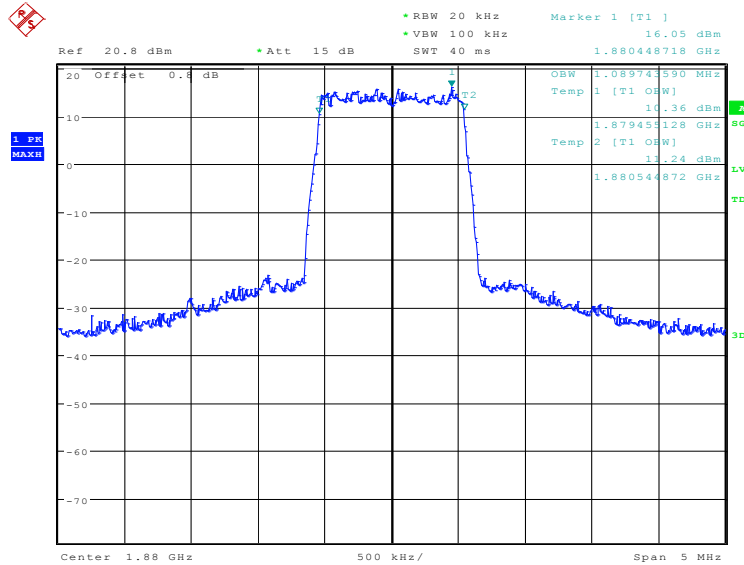
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1880.0	QPSK	16QAM
	1089.74	1089.74

LTE band 2, 1.4MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:19:14

LTE band 2, 1.4MHz Bandwidth, 16QAM (99% BW)

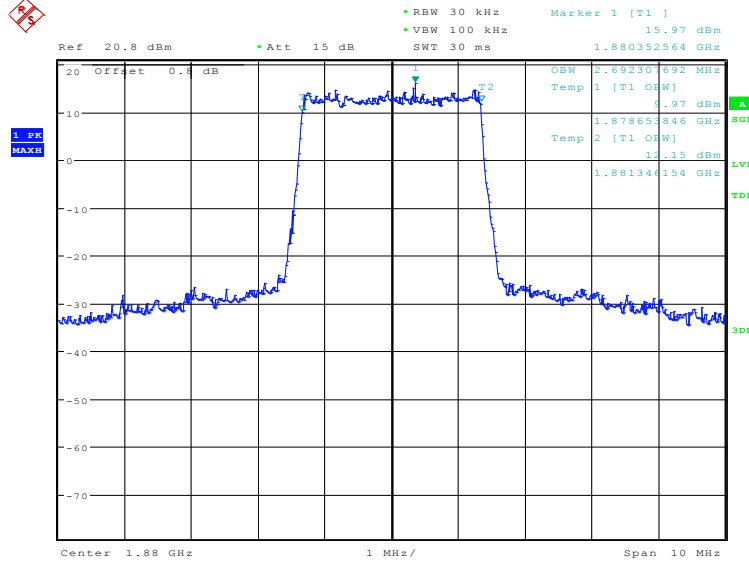


Date: 18.AUG.2021 16:19:54

LTE band 2, 3MHz (99%)

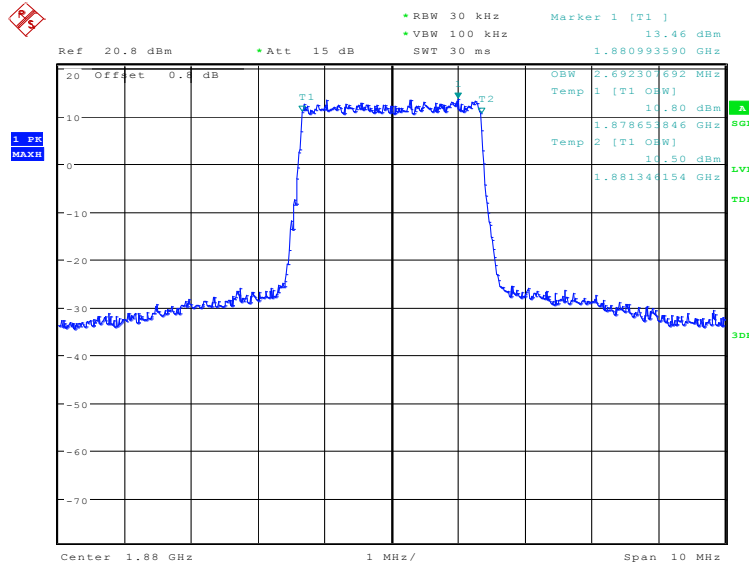
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1880.0	QPSK	16QAM
	2692.31	2692.31

LTE band 2, 3MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:20:36

LTE band 2, 3MHz Bandwidth, 16QAM (99% BW)

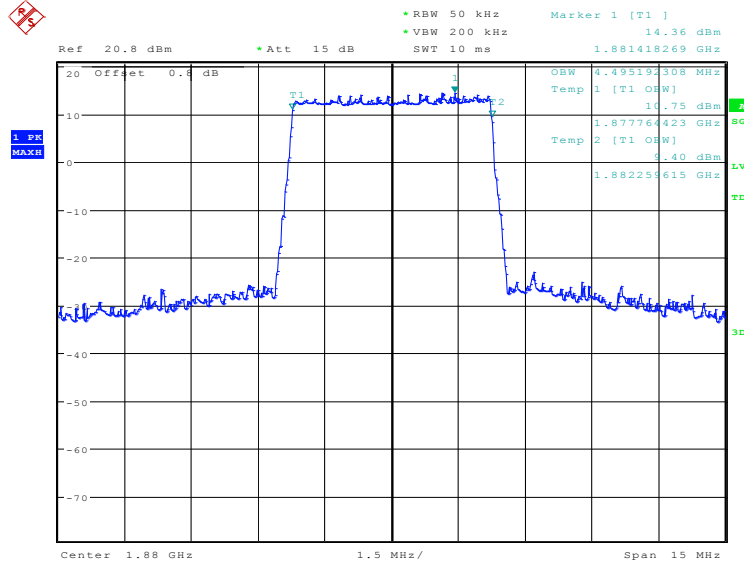


Date: 18.AUG.2021 16:21:15

LTE band 2, 5MHz (99%)

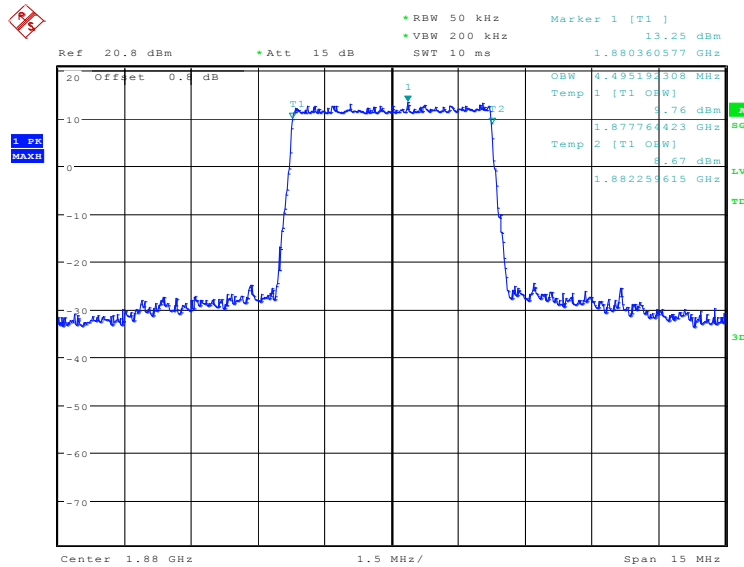
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1880.0	QPSK	16QAM
	4495.19	4495.19

LTE band 2, 5MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:21:58

LTE band 2, 5MHz Bandwidth, 16QAM (99% BW)

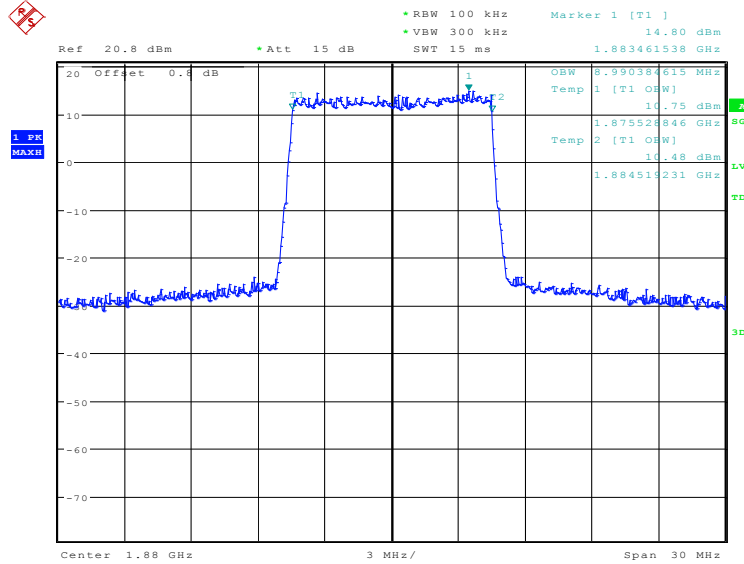


Date: 18.AUG.2021 16:22:37

LTE band 2, 10MHz (99%)

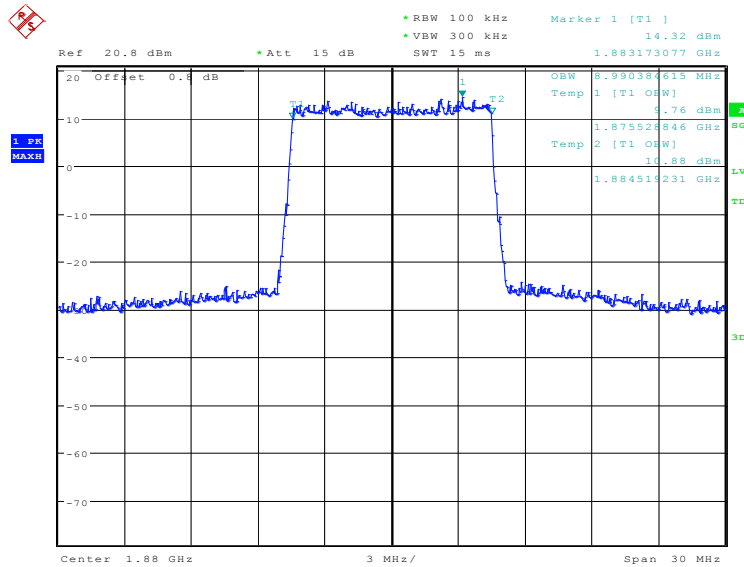
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1880.0	QPSK	16QAM
	8990.38	8990.38

LTE band 2, 10MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:23:19

LTE band 2, 10MHz Bandwidth, 16QAM (99% BW)

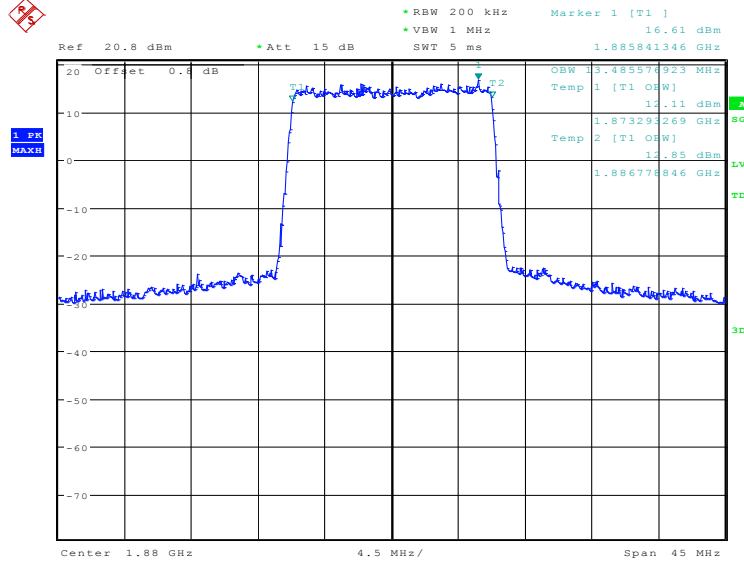


Date: 18.AUG.2021 16:23:58

LTE band 2, 15MHz (99%)

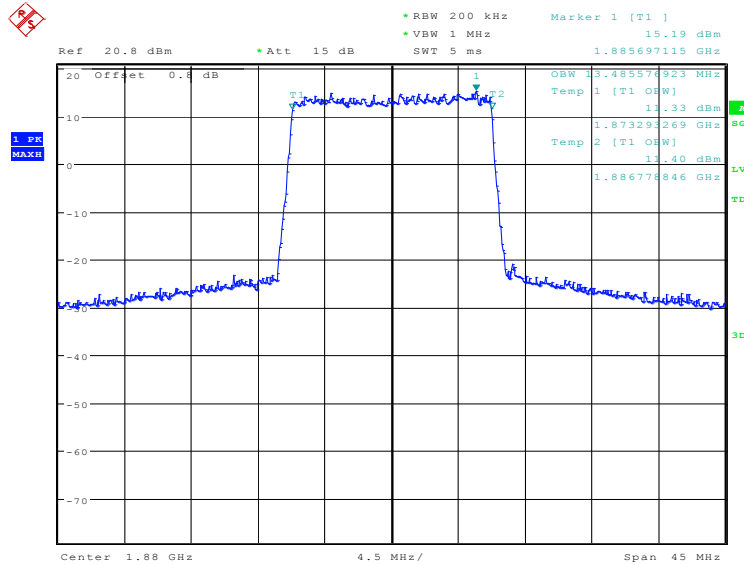
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1880.0	QPSK	16QAM
	13485.58	13485.58

LTE band 2, 15MHz Bandwidth, QPSK (99% BW)



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LTE band 2, 15MHz Bandwidth, 16QAM (99% BW)

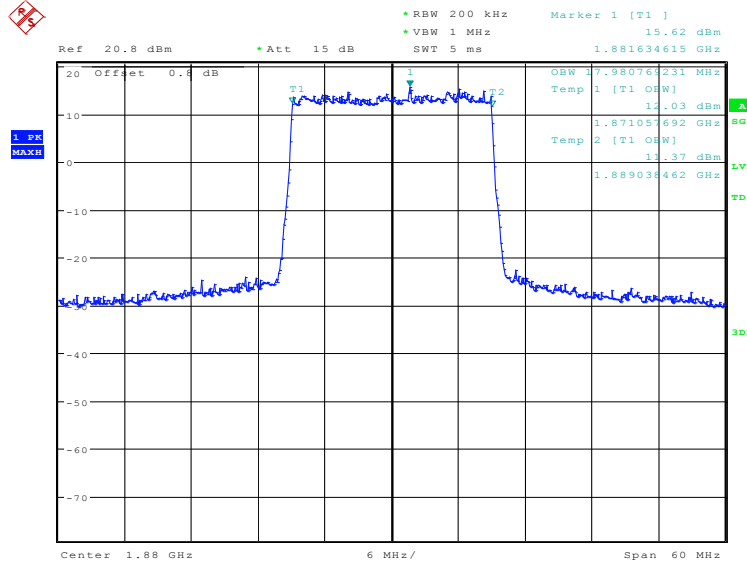


Date: 18.AUG.2021 16:25:20

LTE band 2, 20MHz (99%)

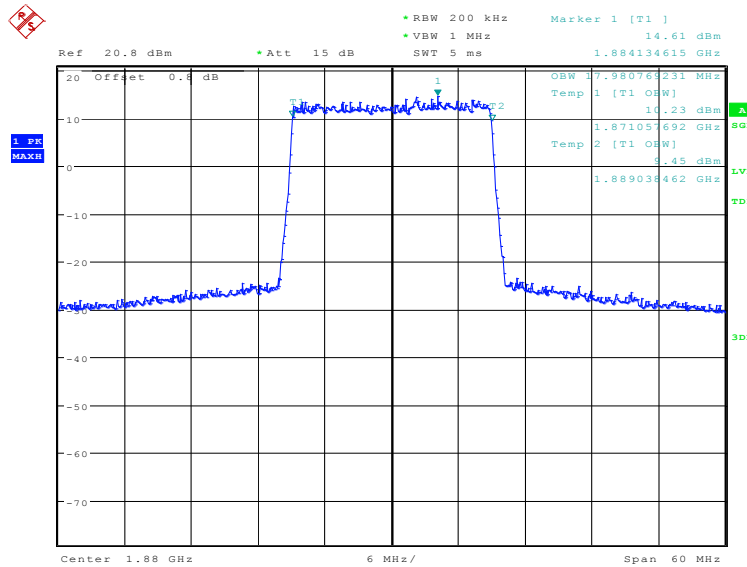
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1880.0	QPSK	16QAM
	17980.77	17980.77

LTE band 2, 20MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:26:02

LTE band 2, 20MHz Bandwidth, 16QAM (99% BW)

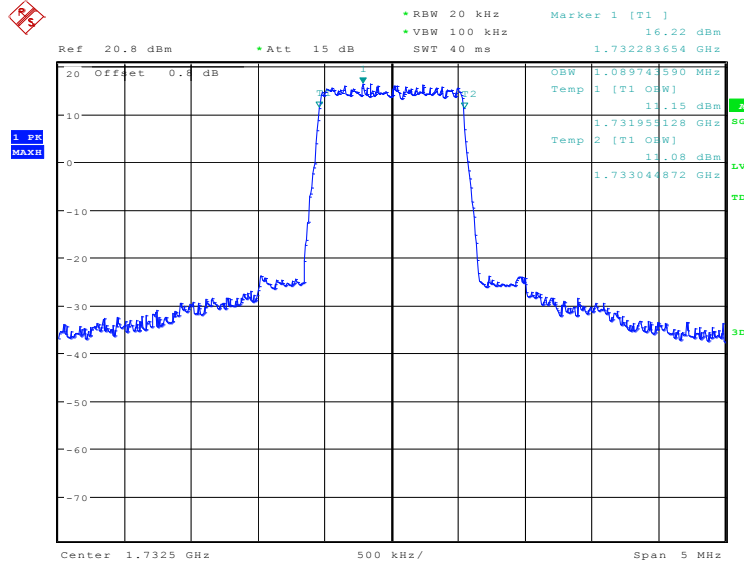


Date: 18.AUG.2021 16:26:42

LTE band 4, 1.4MHz (99%)

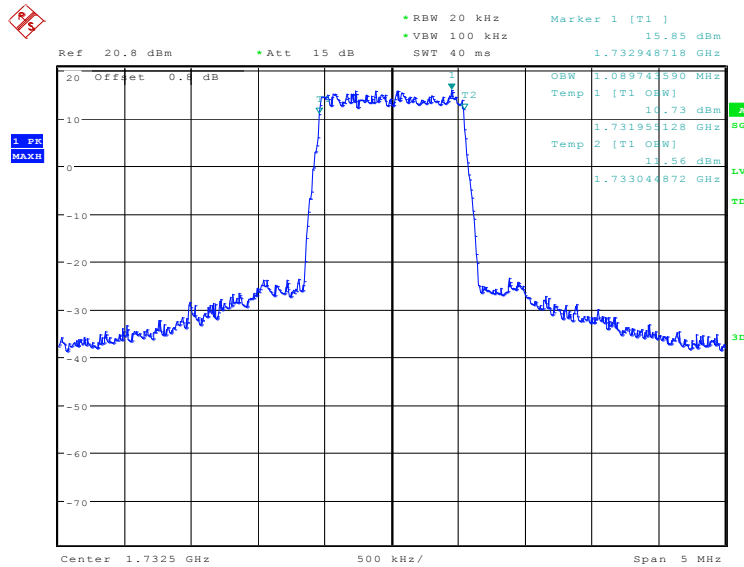
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1732.5	QPSK	16QAM
	1089.74	1089.74

LTE band 4, 1.4MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:27:27

LTE band 4, 1.4MHz Bandwidth, 16QAM (99% BW)

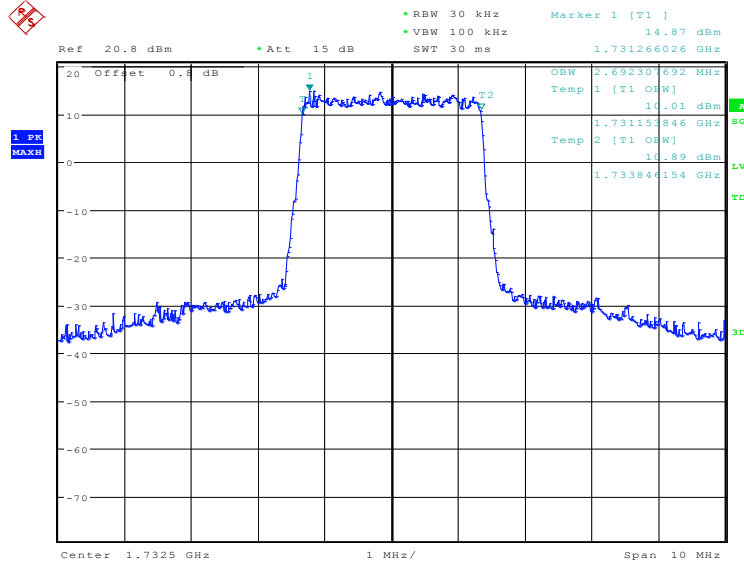


Date: 18.AUG.2021 16:28:06

LTE band 4, 3MHz (99%)

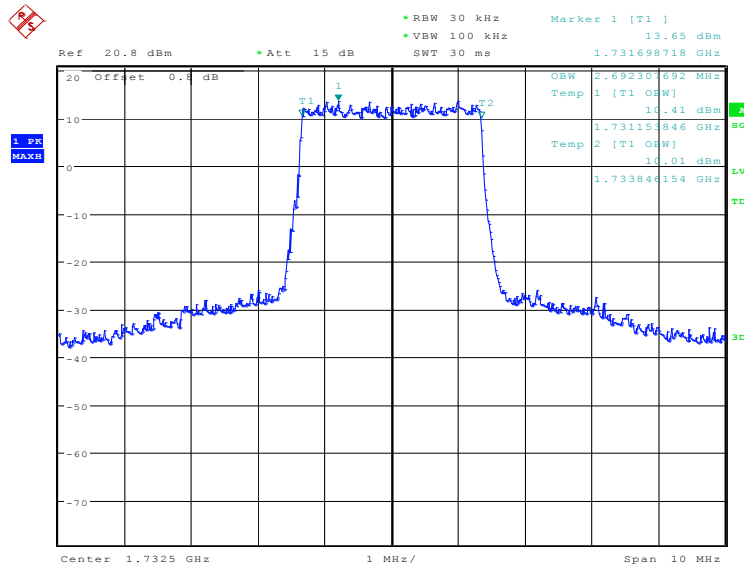
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1732.5	QPSK	16QAM
	2692.31	2692.31

LTE band 4, 3MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:28:48

LTE band 4, 3MHz Bandwidth, 16QAM (99% BW)

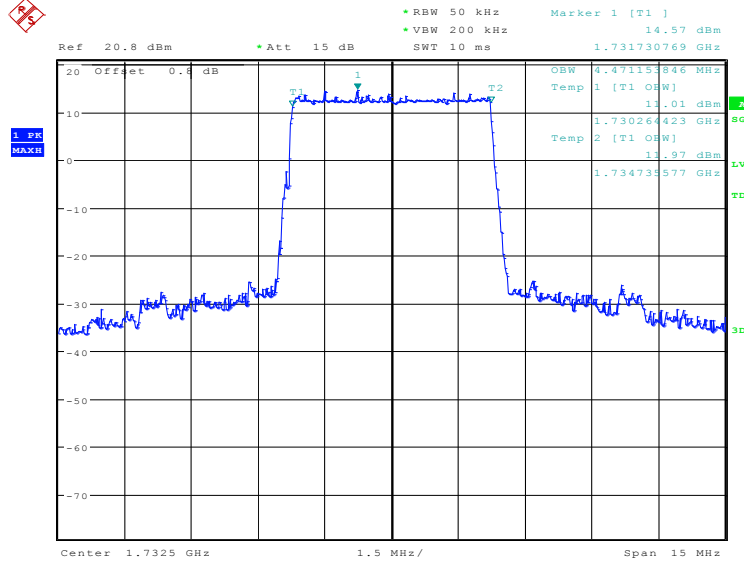


Date: 18.AUG.2021 16:29:27

LTE band 4, 5MHz (99%)

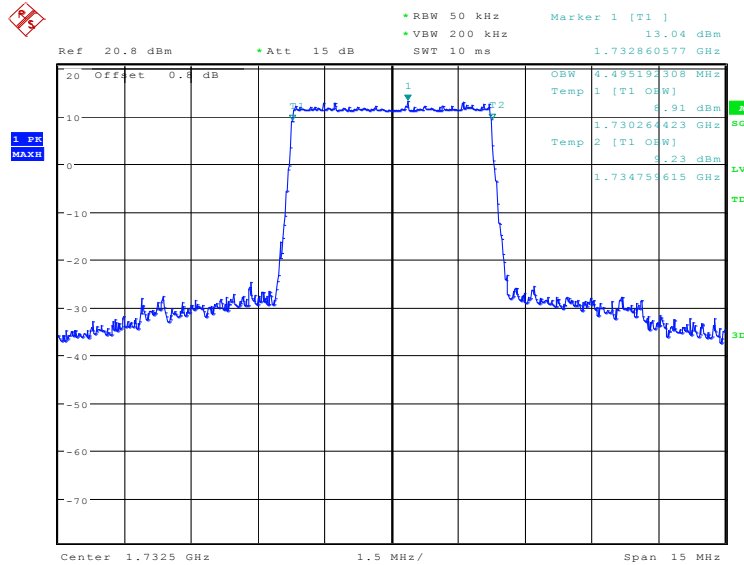
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1732.5	QPSK	16QAM
	4471.15	4495.19

LTE band 4, 5MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:30:10

LTE band 4, 5MHz Bandwidth, 16QAM (99% BW)

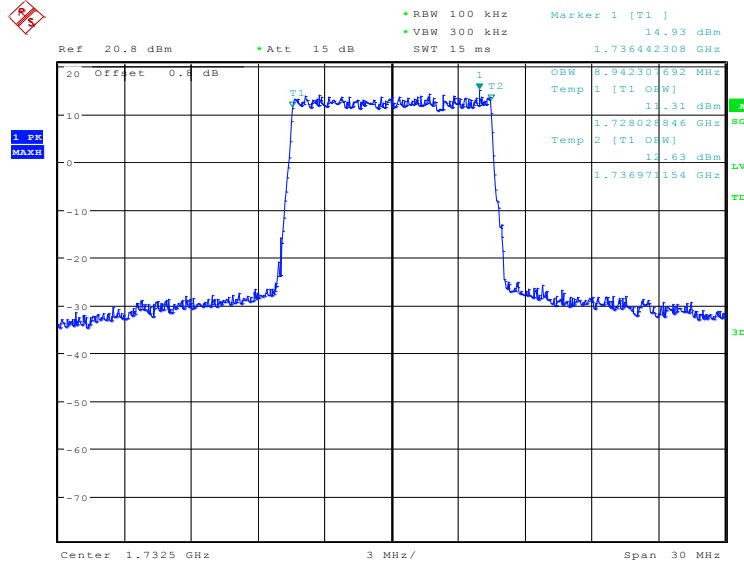


Date: 18.AUG.2021 16:30:49

LTE band 4, 10MHz (99%)

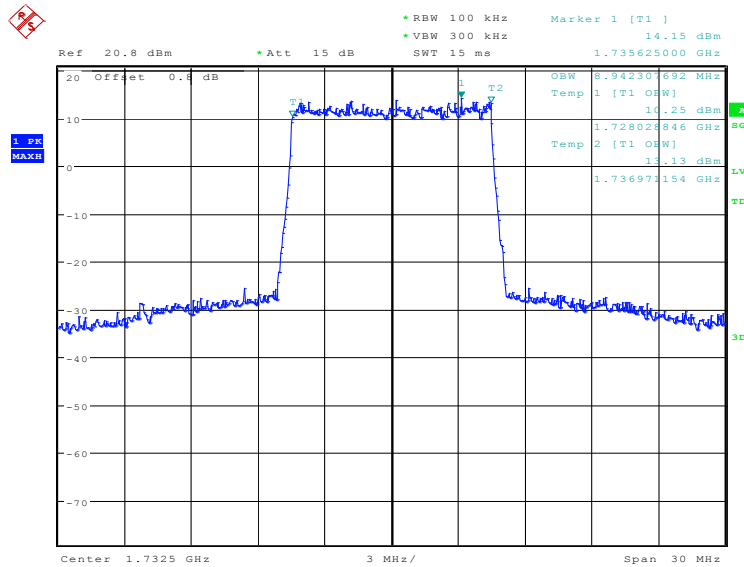
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1732.5	QPSK	16QAM
	8942.31	8942.31

LTE band 4, 10MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:31:31

LTE band 4, 10MHz Bandwidth, 16QAM (99% BW)

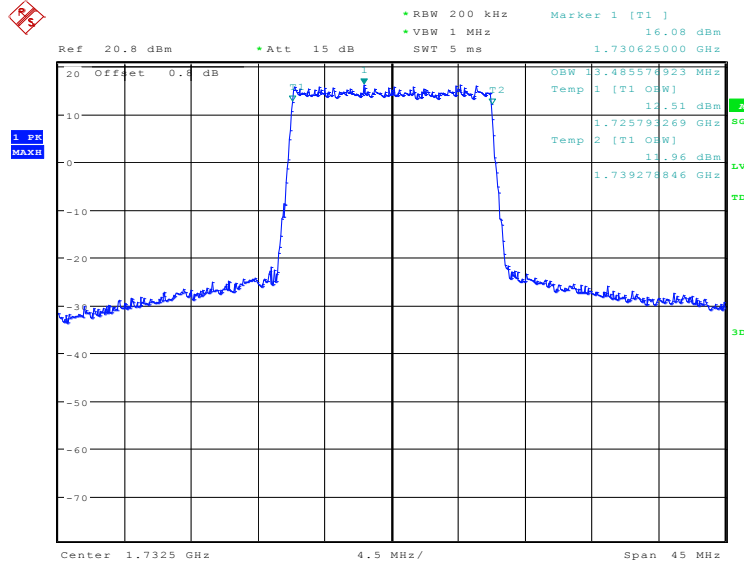


Date: 18.AUG.2021 16:32:10

LTE band 4, 15MHz (99%)

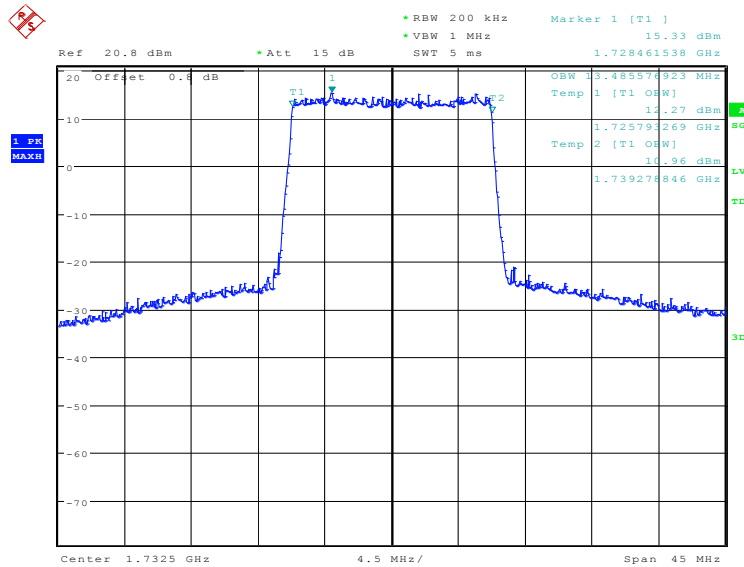
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1732.5	QPSK	16QAM
	13485.58	13485.58

LTE band 4, 15MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:32:53

LTE band 4, 15MHz Bandwidth, 16QAM (99% BW)

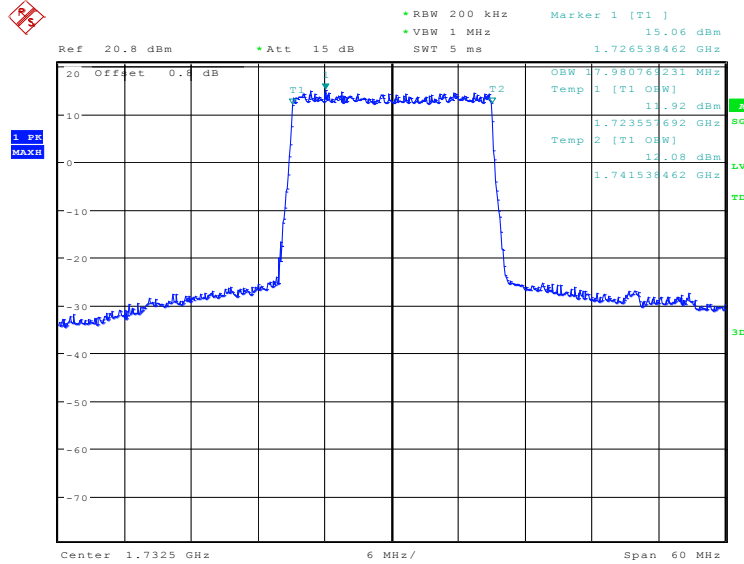


Date: 18.AUG.2021 16:33:32

LTE band 4, 20MHz (99%)

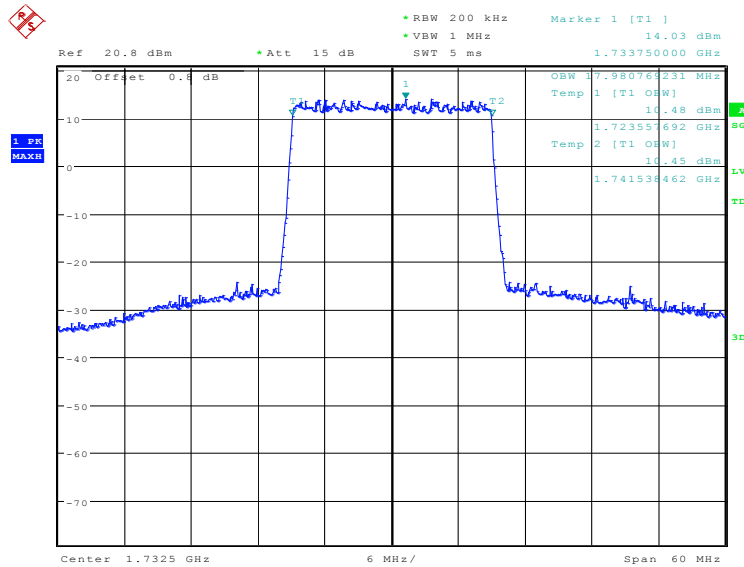
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1732.5	QPSK	16QAM
	17980.77	17980.77

LTE band 4, 20MHz Bandwidth, QPSK (99% BW)



Date: 18.AUG.2021 16:34:14

LTE band 4, 20MHz Bandwidth, 16QAM (99% BW)

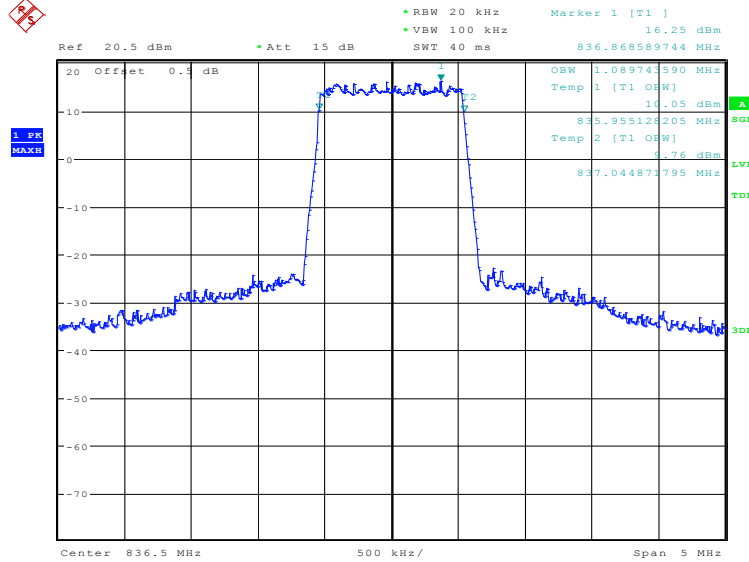


Date: 18.AUG.2021 16:34:54

LTE band 5, 1.4MHz (99%)

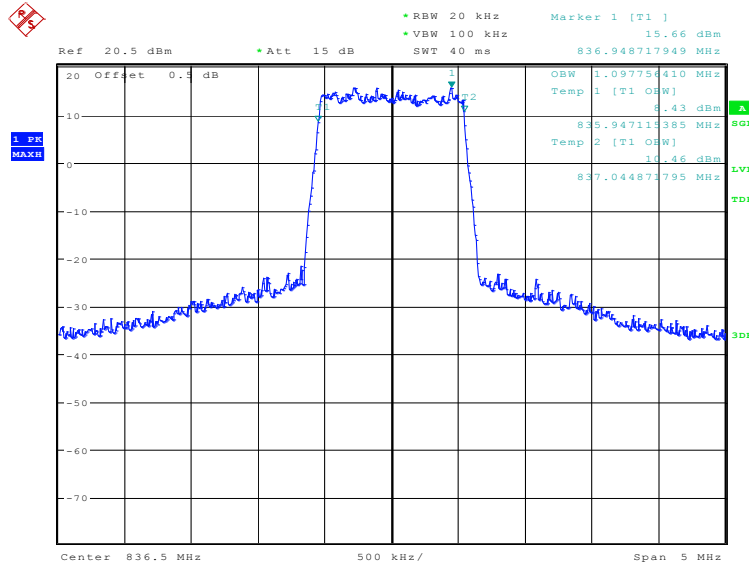
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	1089.74	1097.76

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



Date: 18.AUG.2021 15:54:10

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

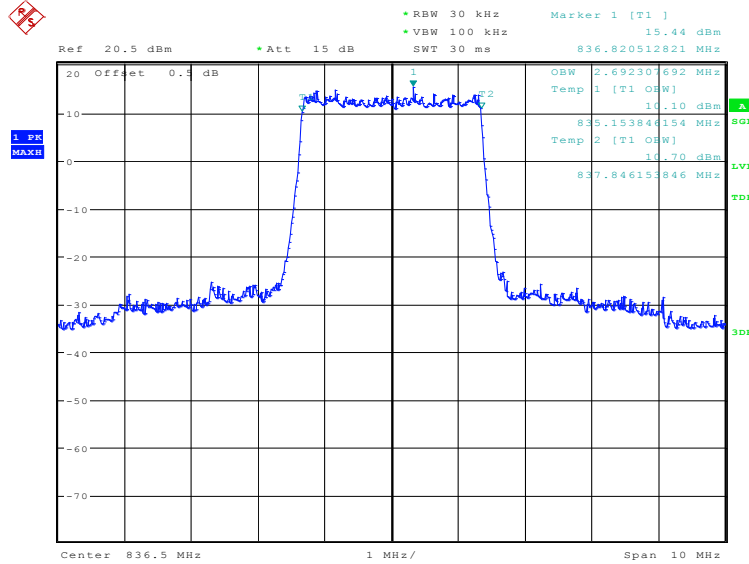


Date: 18.AUG.2021 15:54:50

LTE band 5, 3MHz (99%)

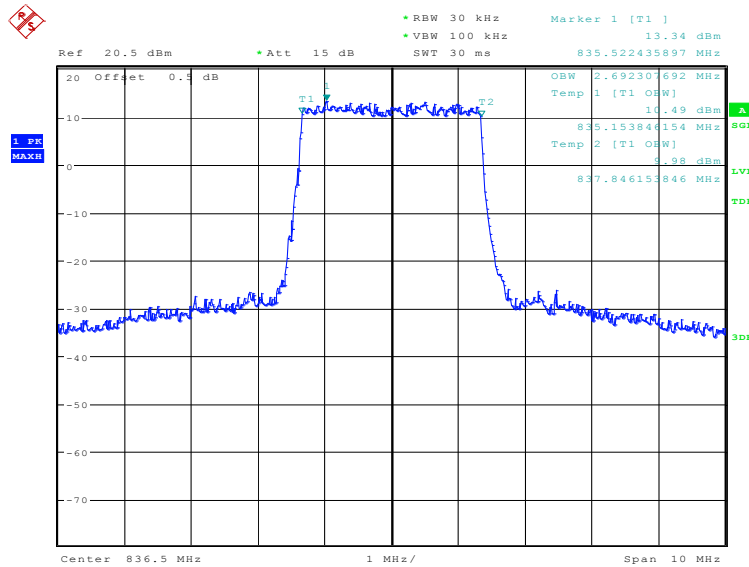
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	2692.31	2692.31

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



Date: 18.AUG.2021 15:55:32

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

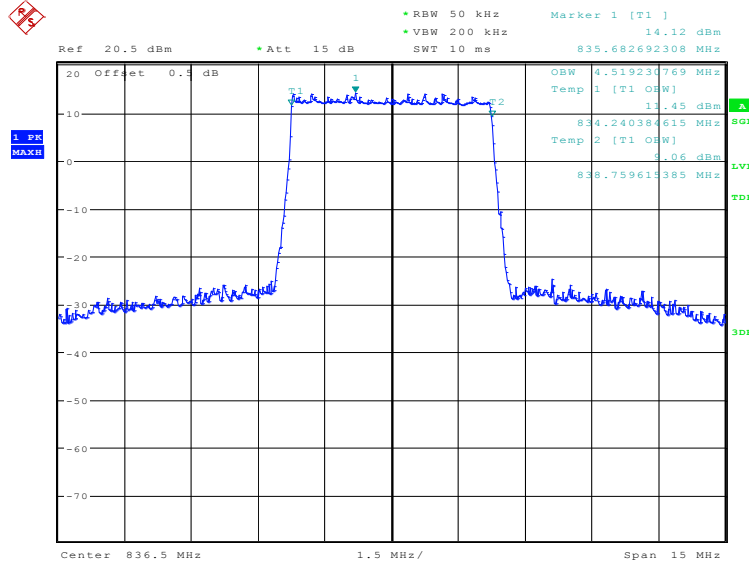


Date: 18.AUG.2021 15:56:12

LTE band 5, 5MHz (99%)

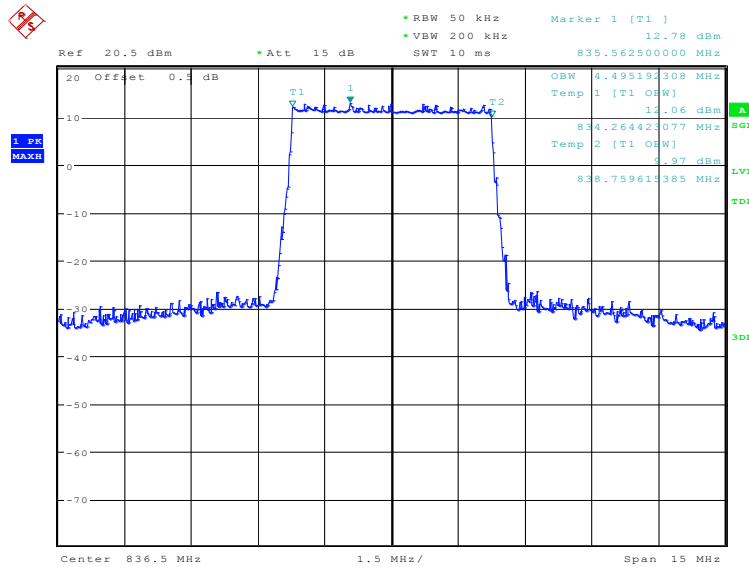
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	4519.23	4495.19

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



Date: 18.AUG.2021 15:56:55

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

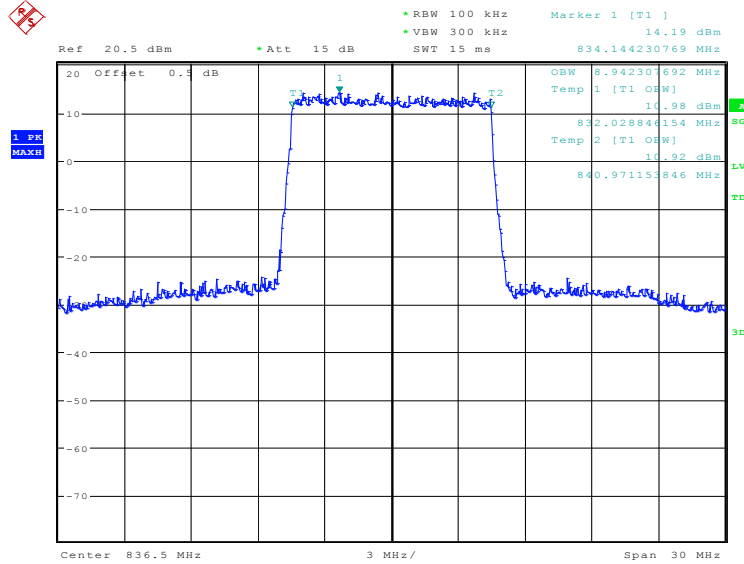


Date: 18.AUG.2021 15:57:34

LTE band 5, 10MHz (99%)

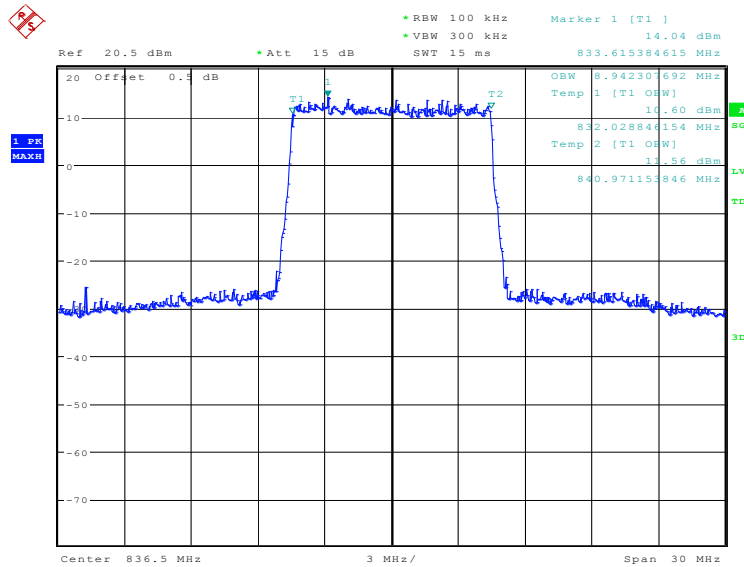
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	8942.31	8942.31

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



Date: 18.AUG.2021 15:58:17

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

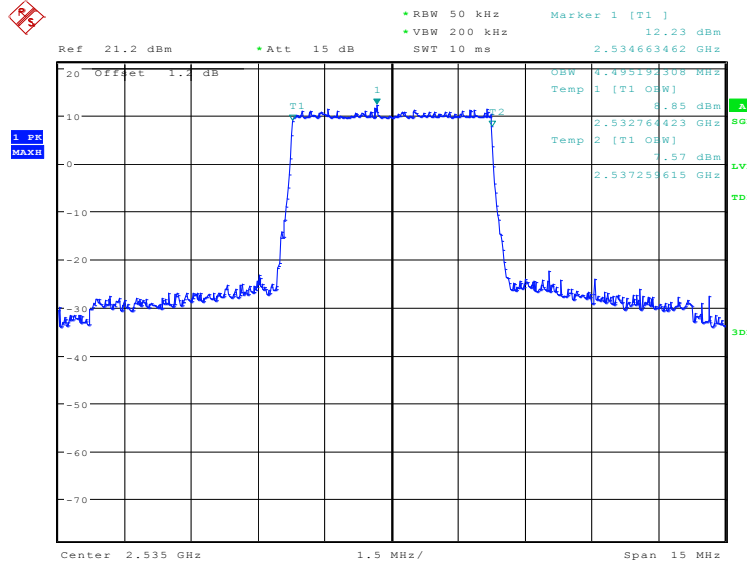


Date: 18.AUG.2021 15:58:56

LTE band 7, 5MHz (99%)

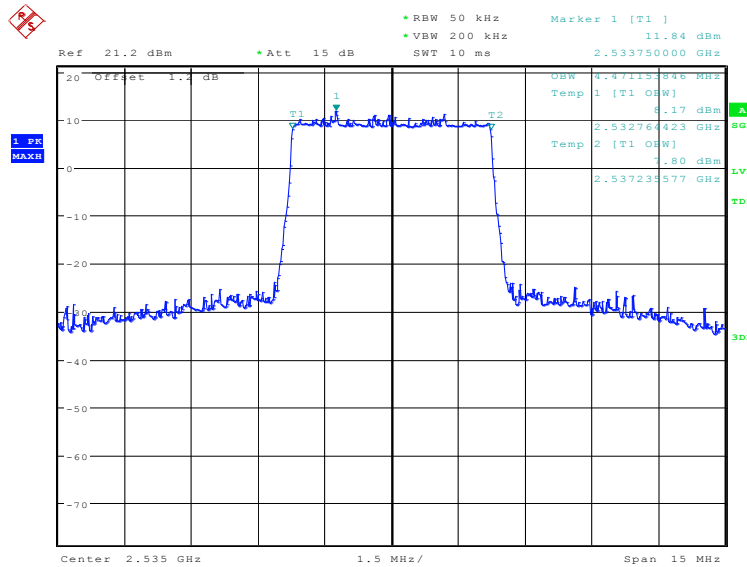
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2535.0	QPSK	16QAM
	4495.19	4471.15

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



Date: 15.JUL.2021 10:37:31

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

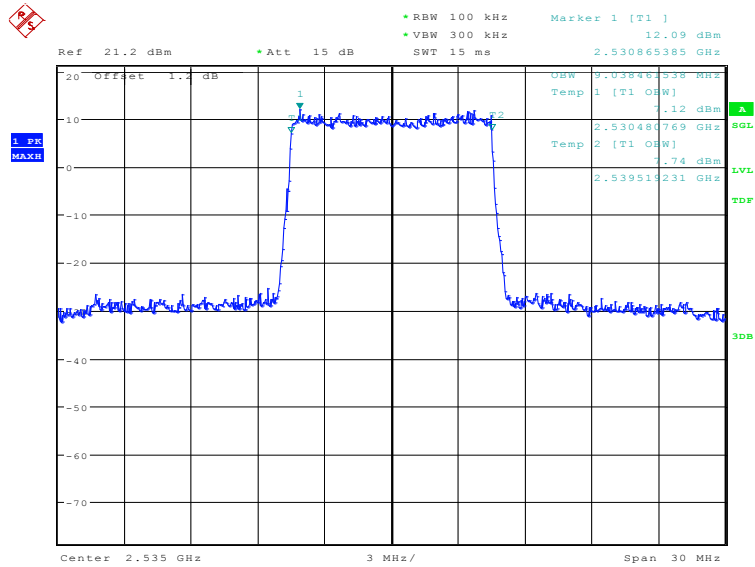


Date: 15.JUL.2021 10:38:09

LTE band 7, 10MHz (99%)

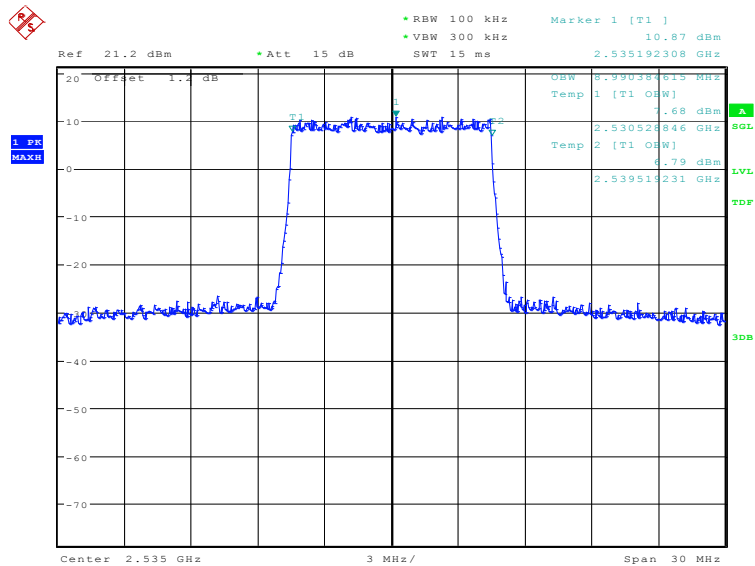
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2535.0	QPSK	16QAM
	9038.46	8990.38

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



Date: 19.AUG.2021 13:25:26

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

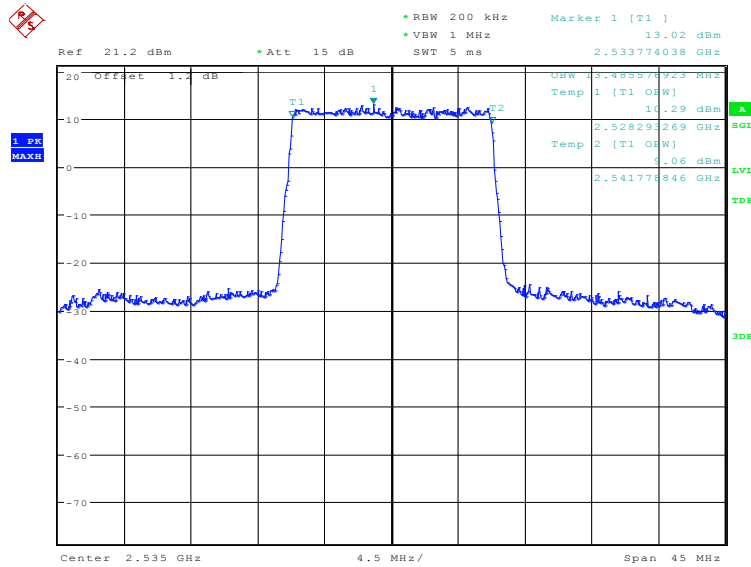


Date: 19.AUG.2021 13:26:05

LTE band 7, 15MHz (99%)

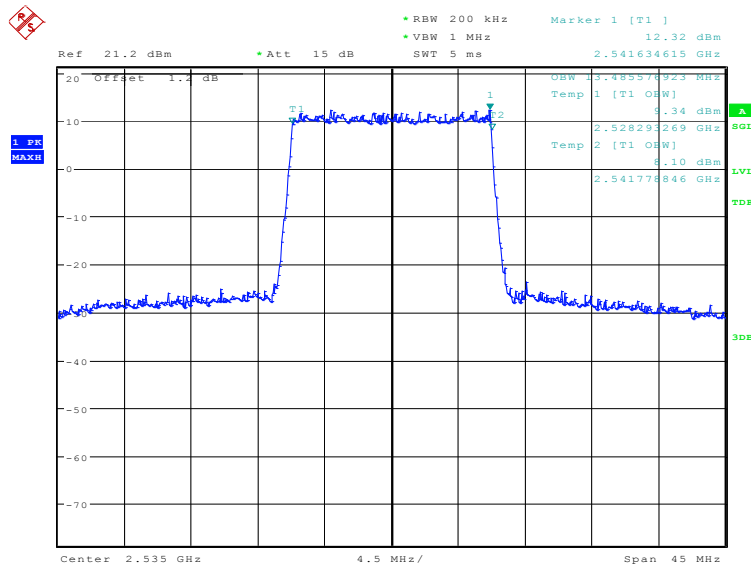
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2535.0	QPSK	16QAM
	13485.58	13485.58

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



Date: 19.AUG.2021 13:26:48

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

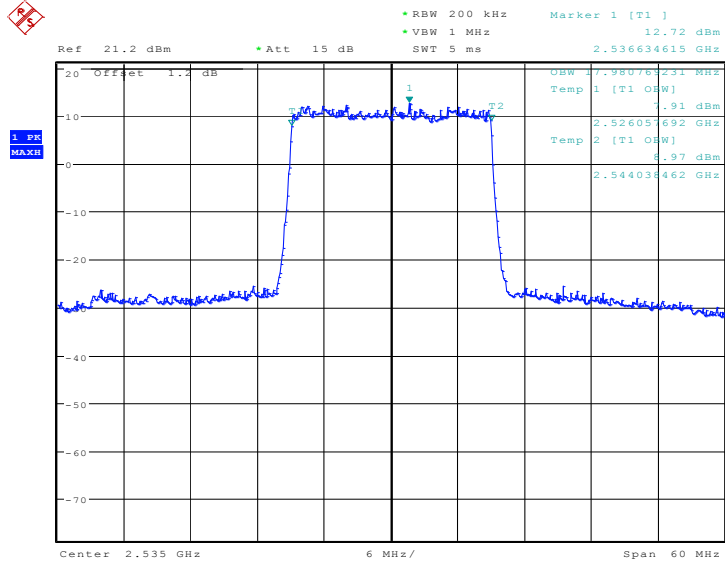


Date: 19.AUG.2021 13:27:28

LTE band 7, 20MHz (99%)

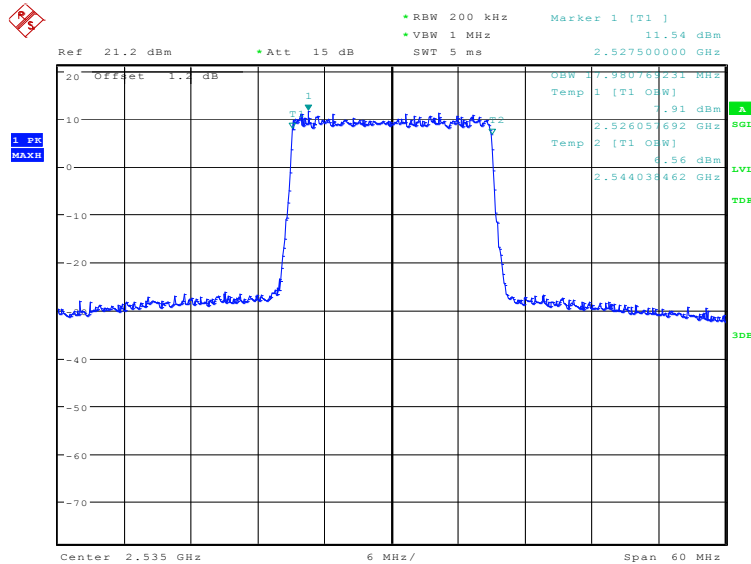
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2535.0	QPSK	16QAM
	17980.77	17980.77

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



Date: 19.AUG.2021 13:28:10

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

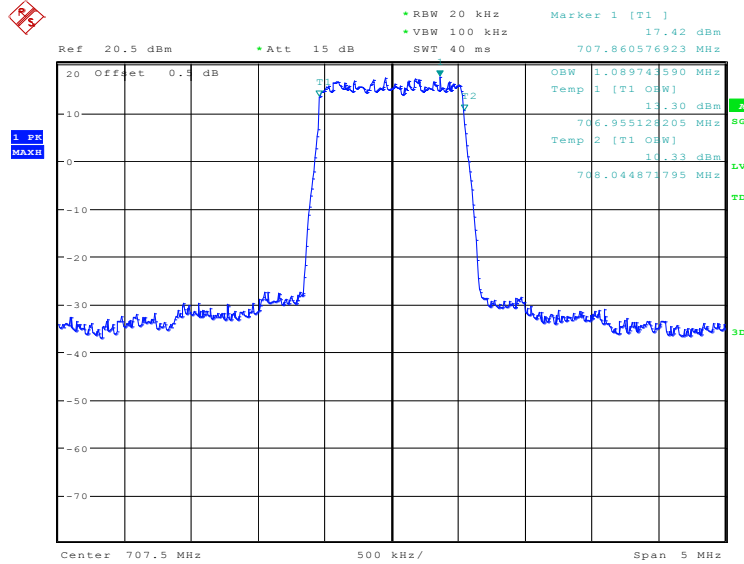


Date: 19.AUG.2021 13:28:50

LTE band 12, 1.4MHz (99%)

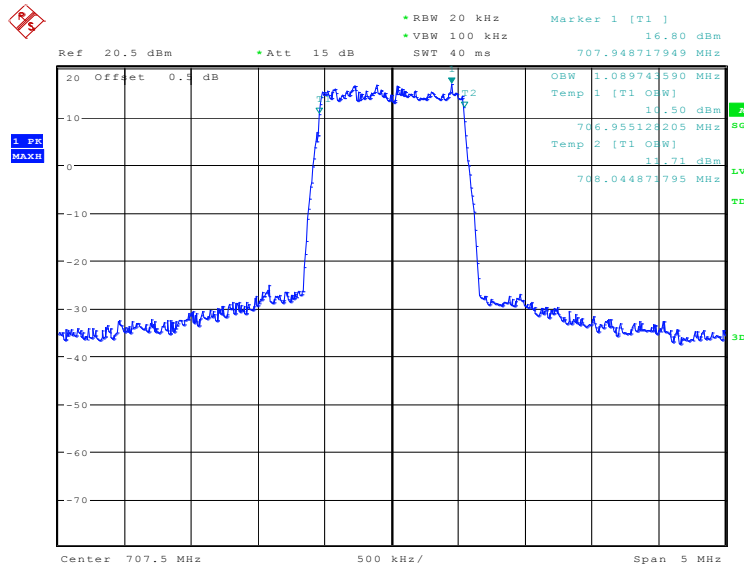
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
707.5	QPSK	16QAM
	1089.74	1089.74

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



Date: 14.JUL.2021 17:32:01

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

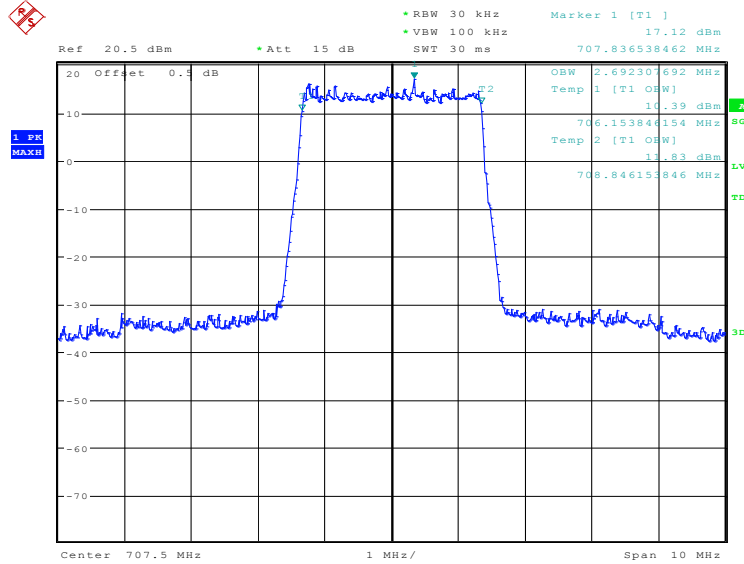


Date: 14.JUL.2021 17:32:39

LTE band 12, 3MHz (99%)

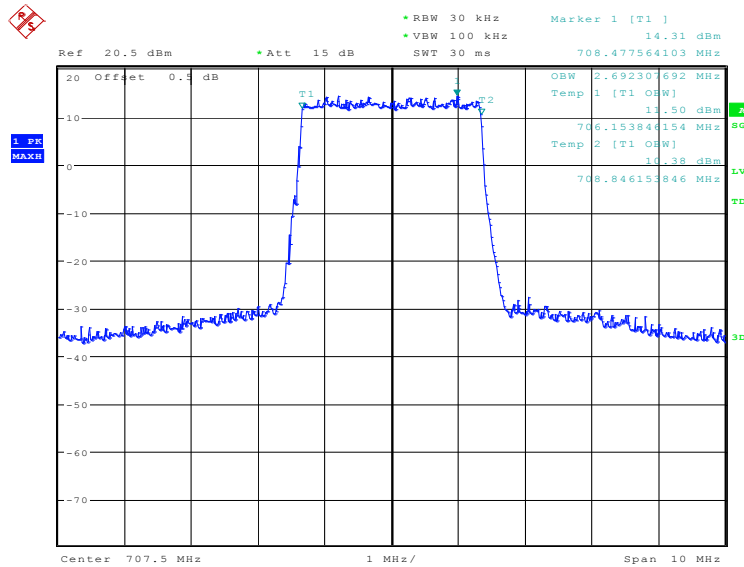
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
707.5	QPSK	16QAM
	2692.31	2692.31

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



Date: 14.JUL.2021 17:33:20

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

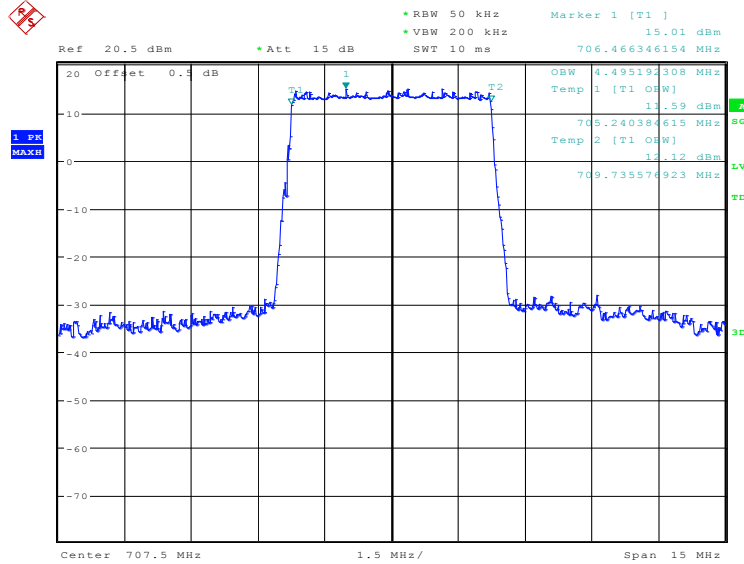


Date: 14.JUL.2021 17:33:59

LTE band 12, 5MHz (99%)

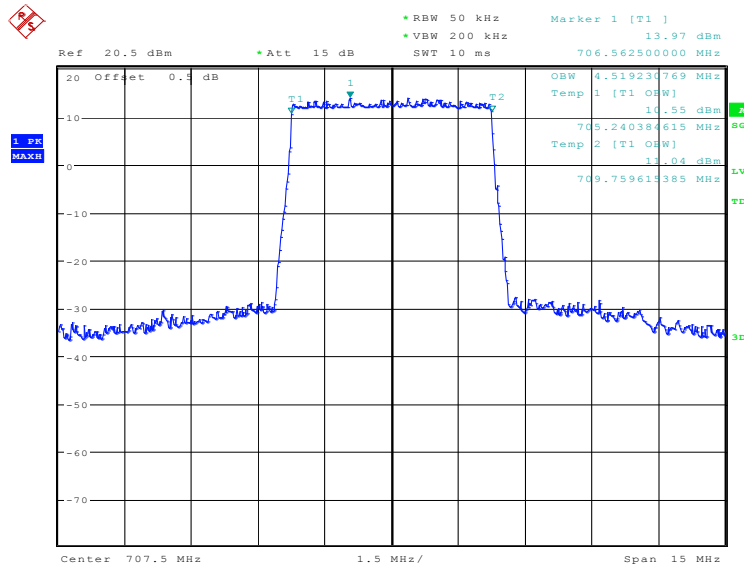
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
707.5	QPSK	16QAM
	4495.19	4519.23

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



Date: 14.JUL.2021 17:34:40

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

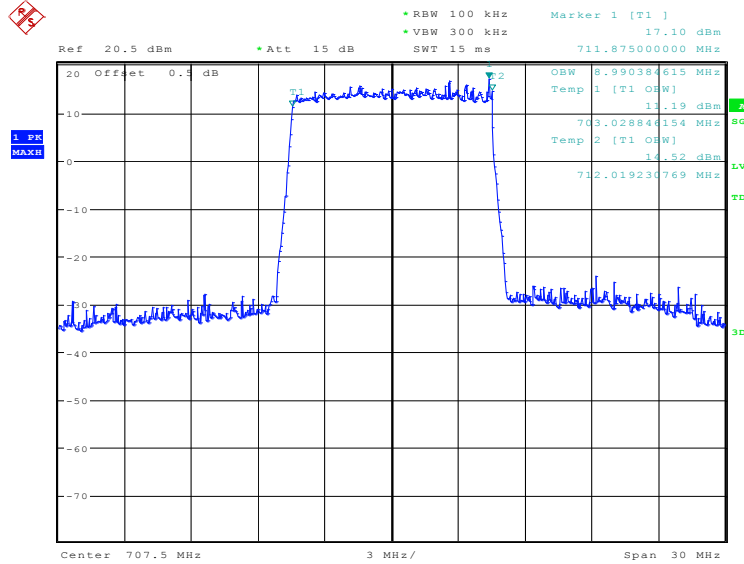


Date: 14.JUL.2021 17:35:18

LTE band 12, 10MHz (99%)

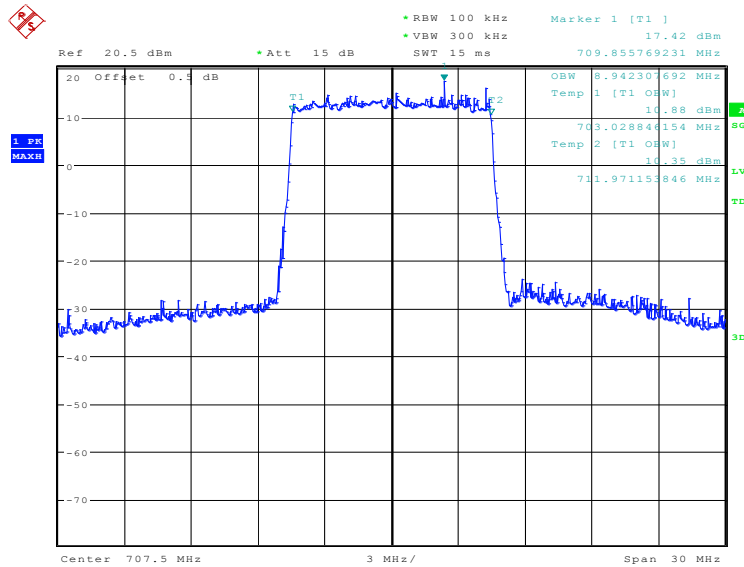
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
707.5	QPSK	16QAM
	8990.38	8942.31

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



Date: 14.JUL.2021 17:35:59

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

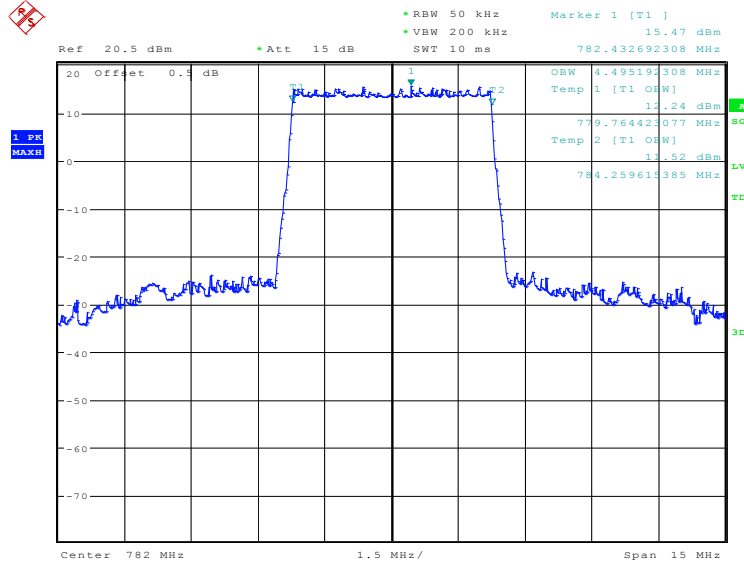


Date: 14.JUL.2021 17:36:38

LTE band 13, 5MHz (99%)

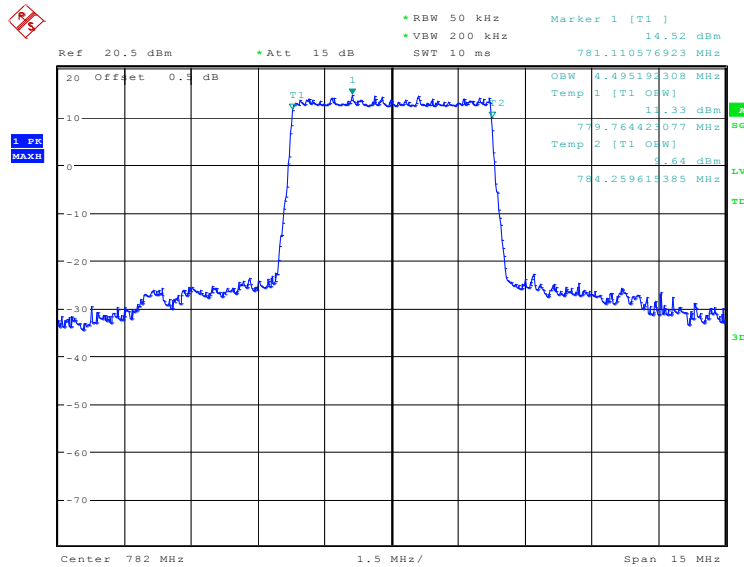
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
782.0	QPSK	16QAM
	4495.19	4495.19

LTE band 13, 5MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:37:21

LTE band 13, 5MHz Bandwidth, 16QAM (99% BW)

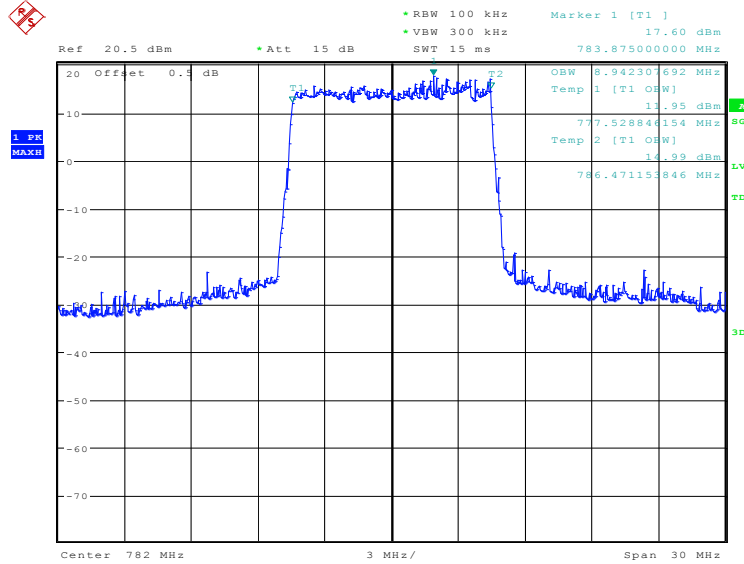


Date: 14.JUL.2021 17:37:59

LTE band 13, 10MHz (99%)

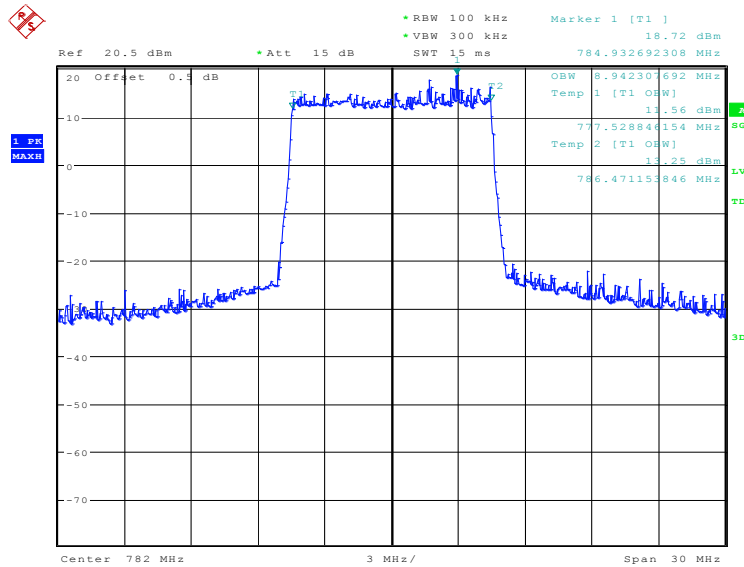
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
782.0	QPSK	16QAM
	8942.31	8942.31

LTE band 13, 10MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:38:40

LTE band 13, 10MHz Bandwidth,16QAM (99% BW)

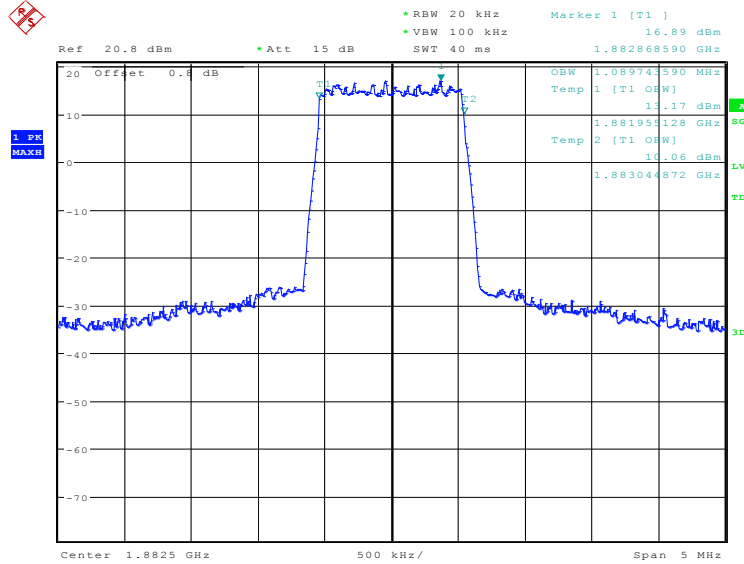


Date: 14.JUL.2021 17:39:19

LTE band 25, 1.4MHz (99%)

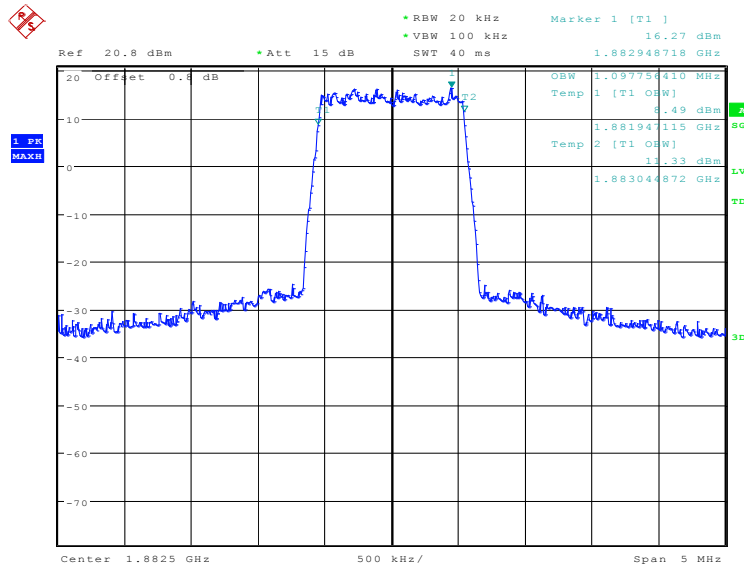
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1882.5	QPSK	16QAM
	1089.74	1097.76

LTE band 25, 1.4MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 16:11:57

LTE band 25, 1.4MHz Bandwidth, 16QAM (99% BW)

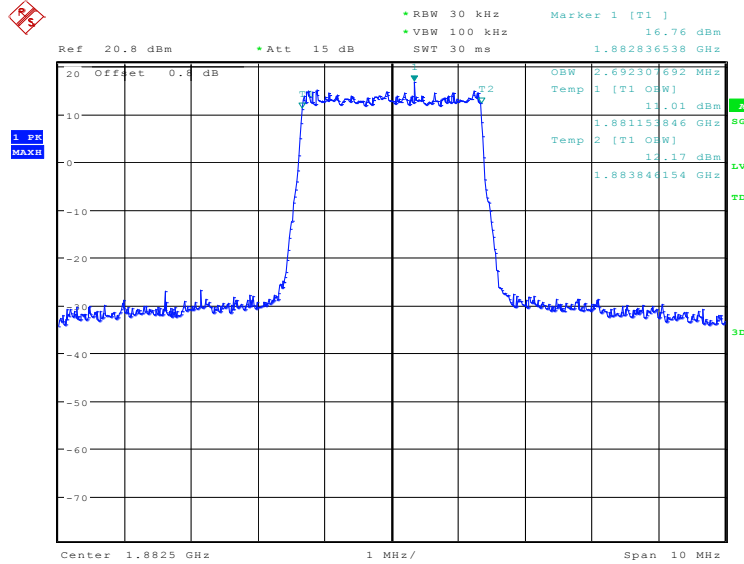


Date: 14.JUL.2021 16:12:36

LTE band 25, 3MHz (99%)

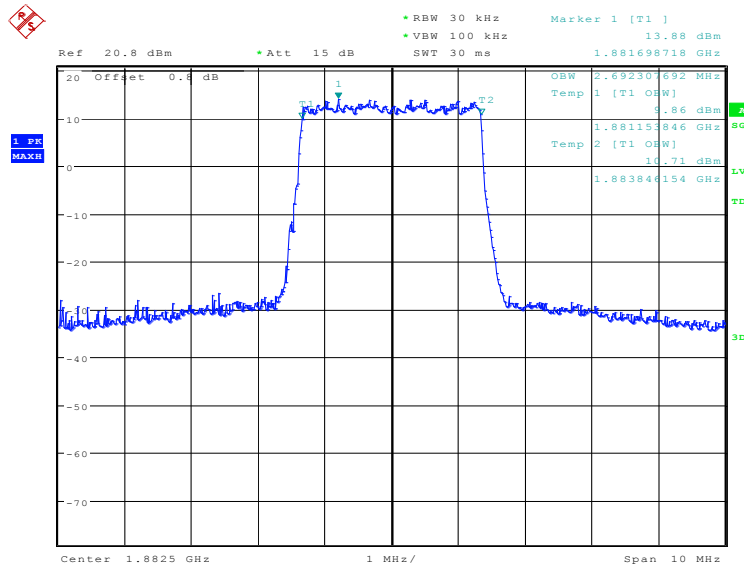
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1882.5	QPSK	16QAM
	2692.31	2692.31

LTE band 25, 3MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 16:13:17

LTE band 25, 3MHz Bandwidth, 16QAM (99% BW)

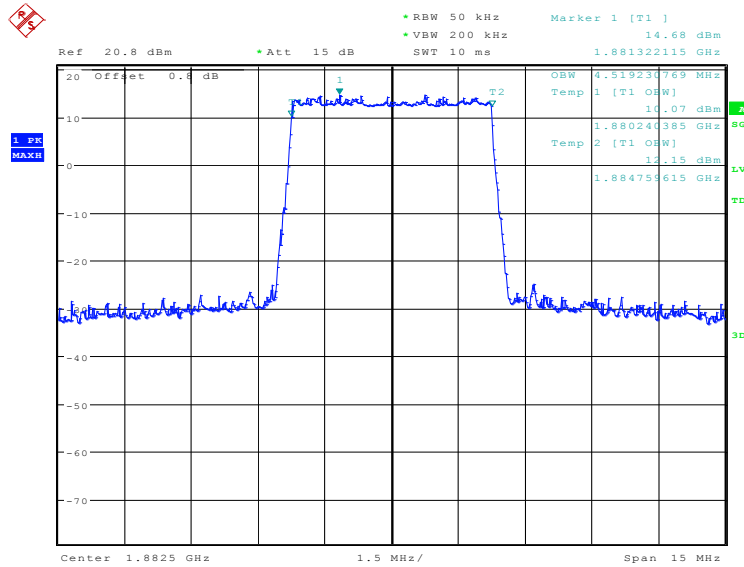


Date: 14.JUL.2021 16:13:55

LTE band 25, 5MHz (99%)

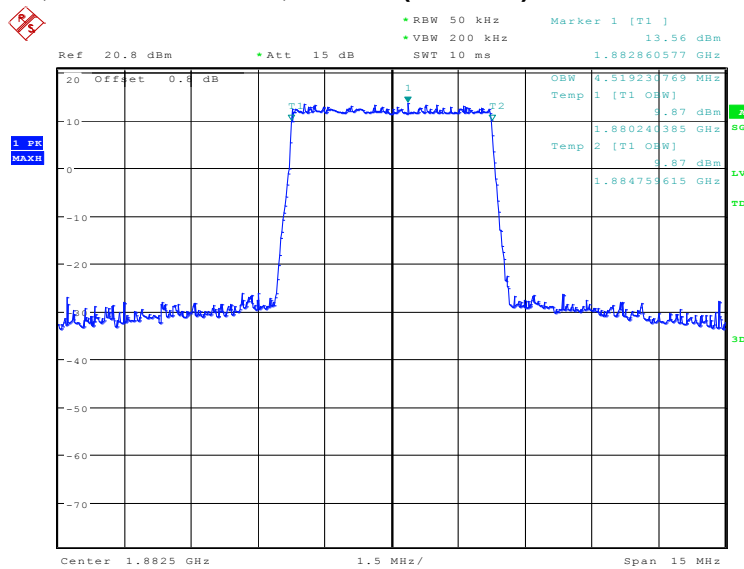
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1882.5	QPSK	16QAM
	4519.23	4519.23

LTE band 25, 5MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 16:14:36

LTE band 25, 5MHz Bandwidth, 16QAM (99% BW)

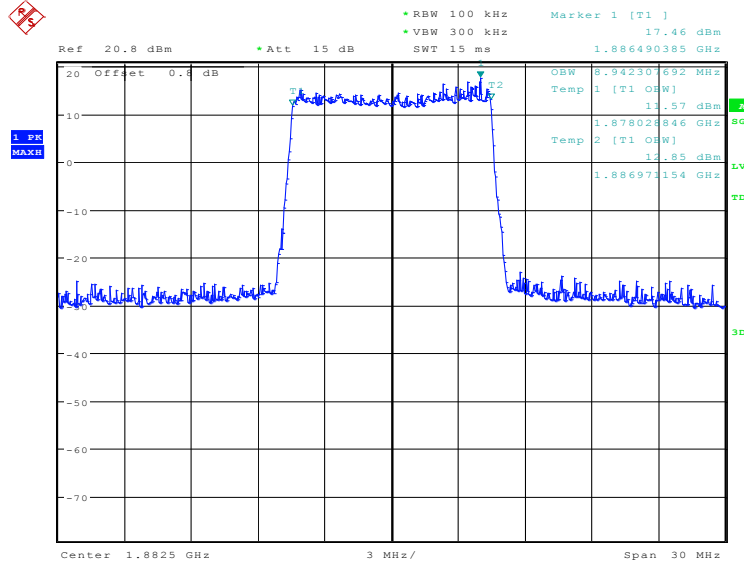


Date: 14.JUL.2021 16:15:15

LTE band 25, 10MHz (99%)

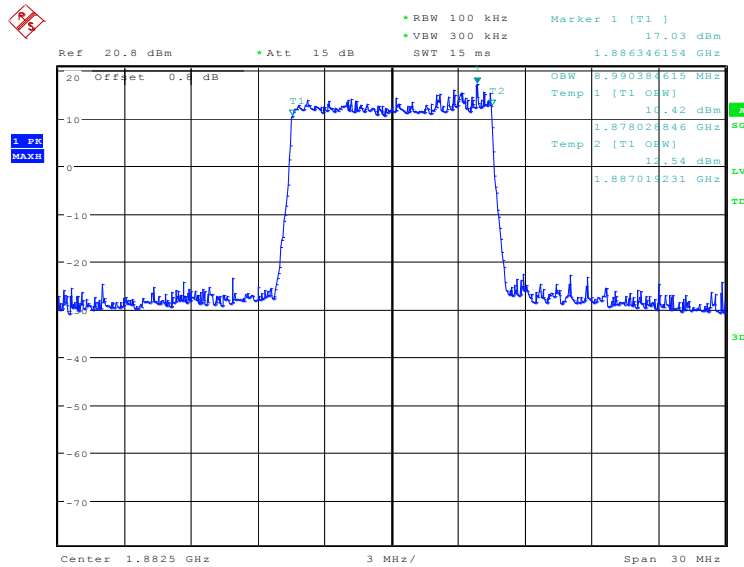
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1882.5	QPSK	16QAM
	8942.31	8990.38

LTE band 25, 10MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 16:15:55

LTE band 25, 10MHz Bandwidth, 16QAM (99% BW)

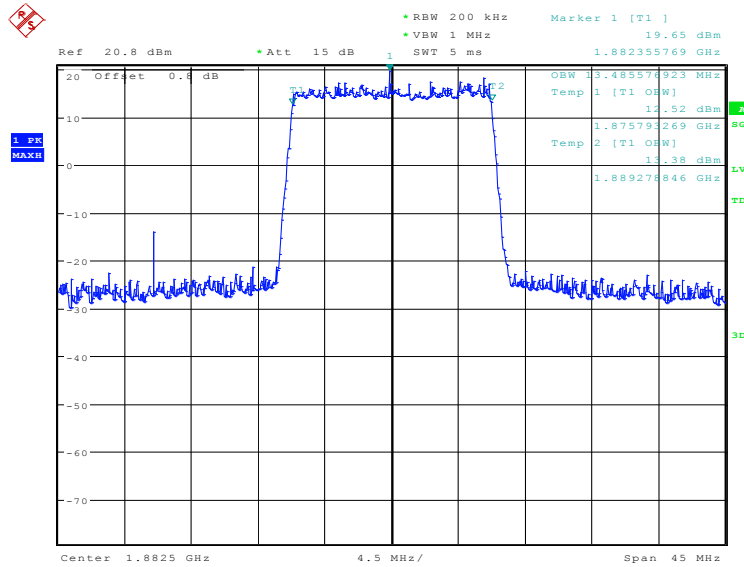


Date: 14.JUL.2021 16:16:34

LTE band 25, 15MHz (99%)

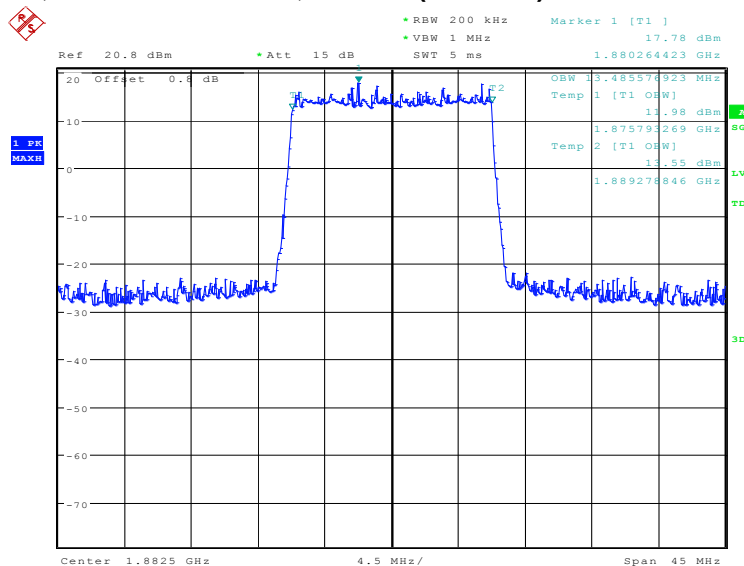
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1882.5	QPSK	16QAM
	13485.58	13485.58

LTE band 25, 15MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 16:17:14

LTE band 25, 15MHz Bandwidth, 16QAM (99% BW)

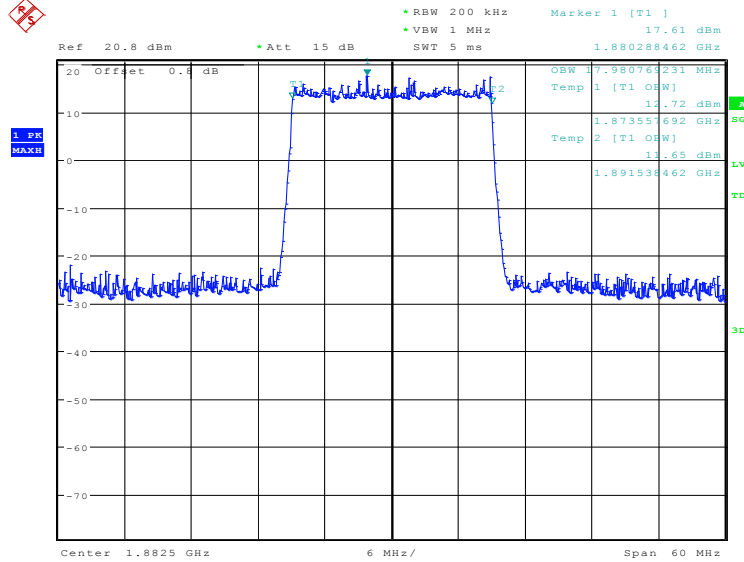


Date: 14.JUL.2021 16:17:53

LTE band 25, 20MHz (99%)

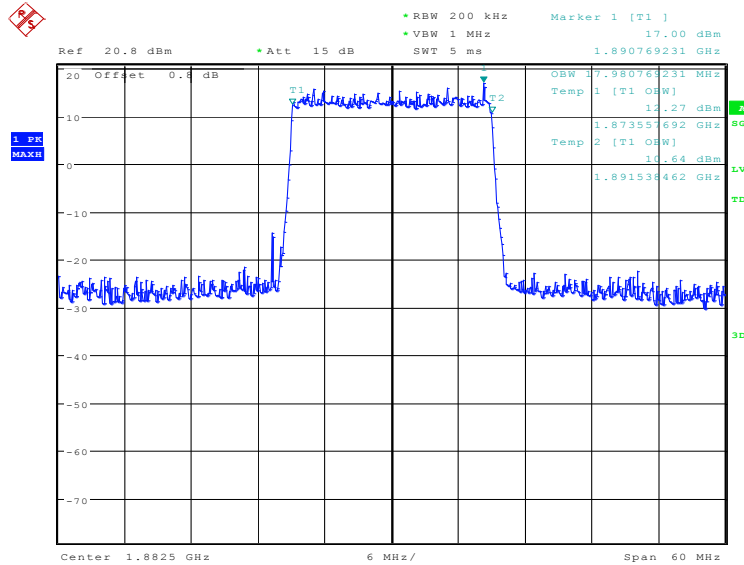
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1882.5	QPSK	16QAM
	17980.77	17980.77

LTE band 25, 20MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 16:18:34

LTE band 25, 20MHz Bandwidth, 16QAM (99% BW)

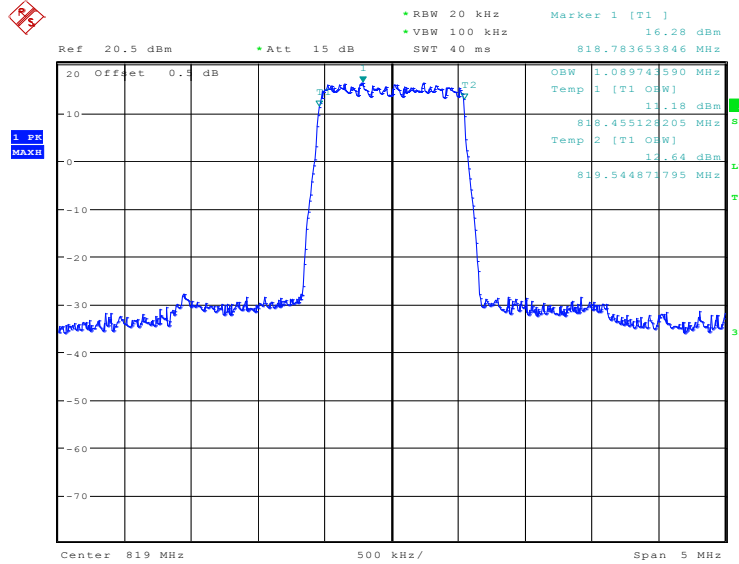


Date: 14.JUL.2021 16:19:12

LTE band 26(814MHz~824MHz), 1.4MHz (99%)

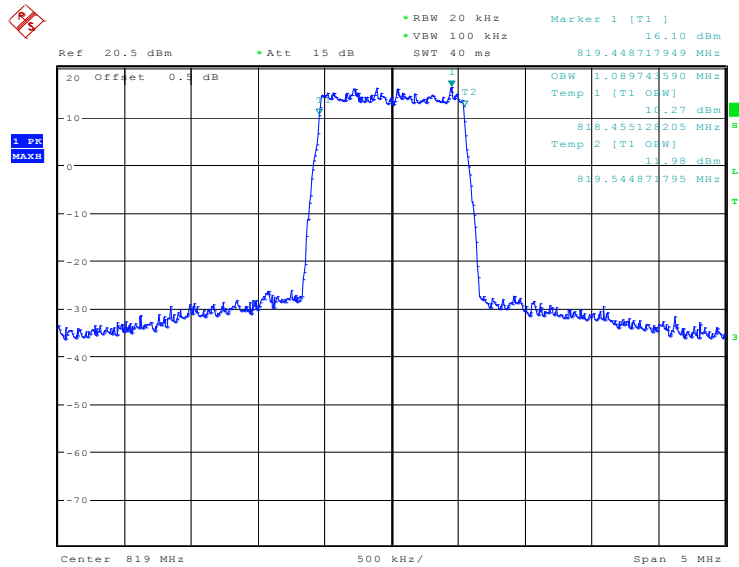
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
819.0	QPSK	16QAM
	1089.74	1089.74

LTE band 26(814MHz~824MHz), 1.4MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:47:21

LTE band 26(814MHz~824MHz), 1.4MHz Bandwidth, 16QAM (99% BW)

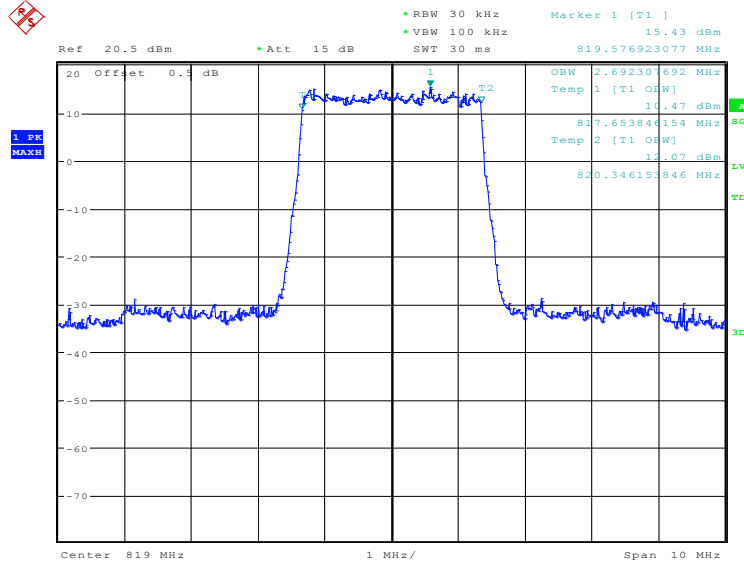


Date: 14.JUL.2021 17:48:00

LTE band 26(814MHz~824MHz), 3MHz (99%)

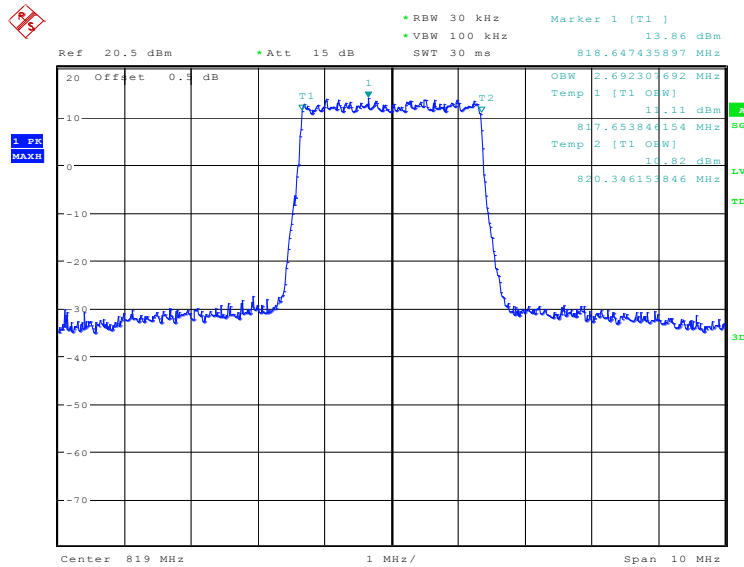
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
819.0	QPSK	16QAM
	2692.31	2692.31

LTE band 26(814MHz~824MHz), 3MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:48:40

LTE band 26(814MHz~824MHz), 3MHz Bandwidth, 16QAM (99% BW)

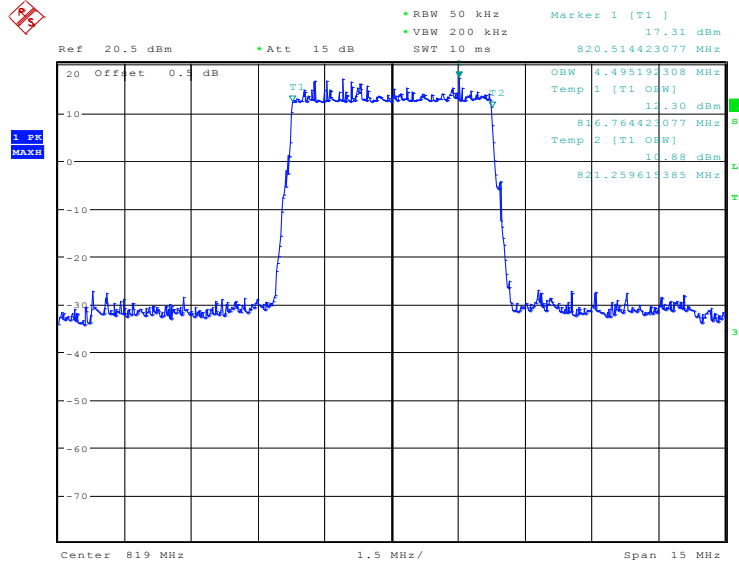


Date: 14.JUL.2021 17:49:19

LTE band 26(814MHz~824MHz), 5MHz (99%)

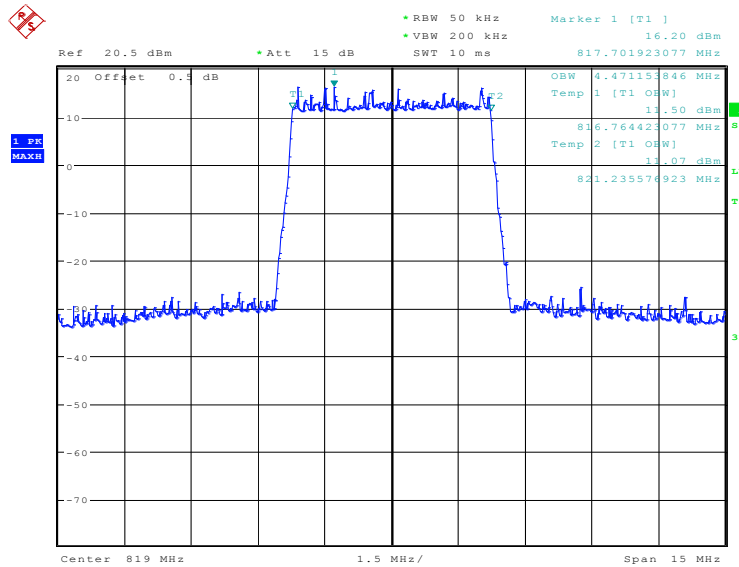
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
819.0	QPSK	16QAM
	4495.19	4471.15

LTE band 26(814MHz~824MHz), 5MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:50:00

LTE band 26(814MHz~824MHz), 5MHz Bandwidth, 16QAM (99% BW)

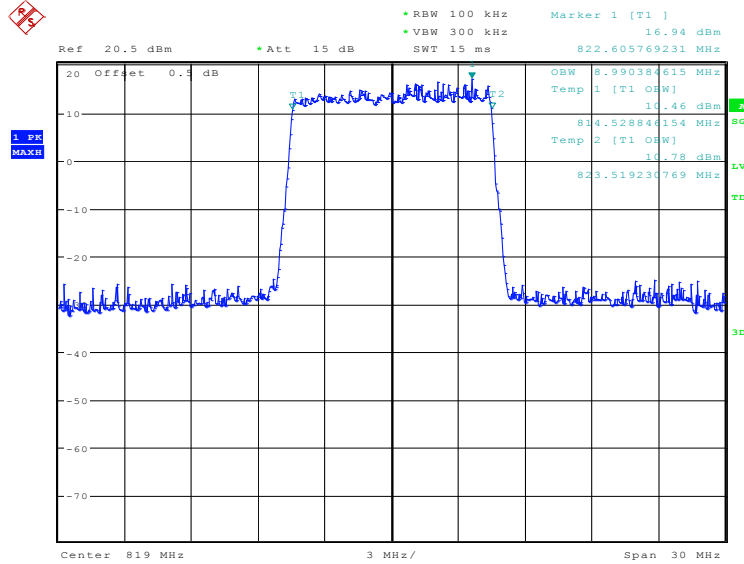


Date: 14.JUL.2021 17:50:39

LTE band 26(814MHz~824MHz), 10MHz (99%)

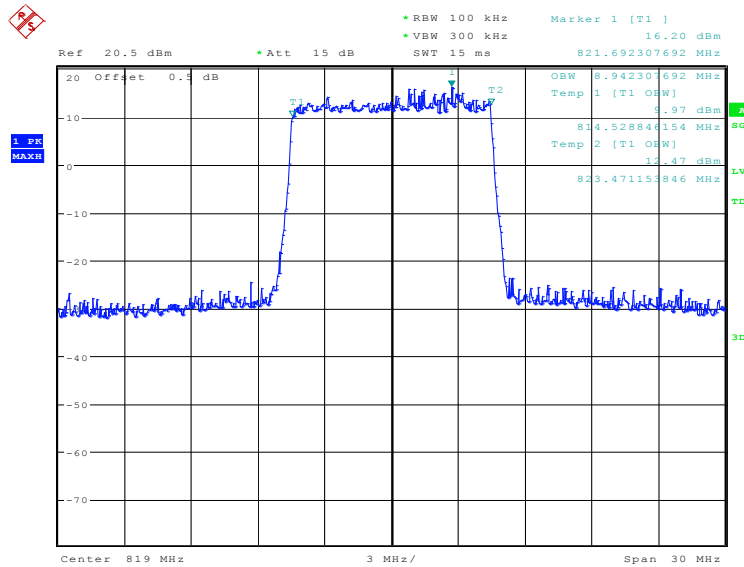
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
819.0	QPSK	16QAM
	8990.38	8942.31

LTE band 26(814MHz~824MHz), 10MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:51:20

LTE band 26(814MHz~824MHz), 10MHz Bandwidth, 16QAM (99% BW)

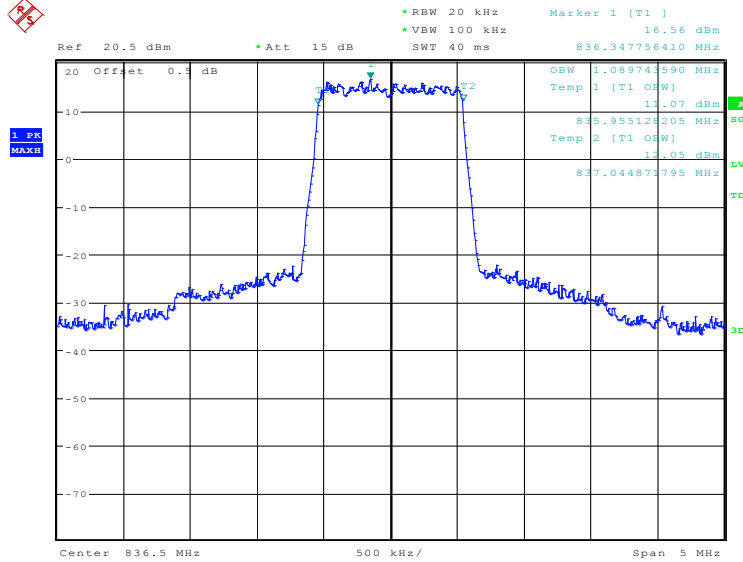


Date: 14.JUL.2021 17:51:59

LTE band 26(824MHz~849MHz), 1.4MHz (99%)

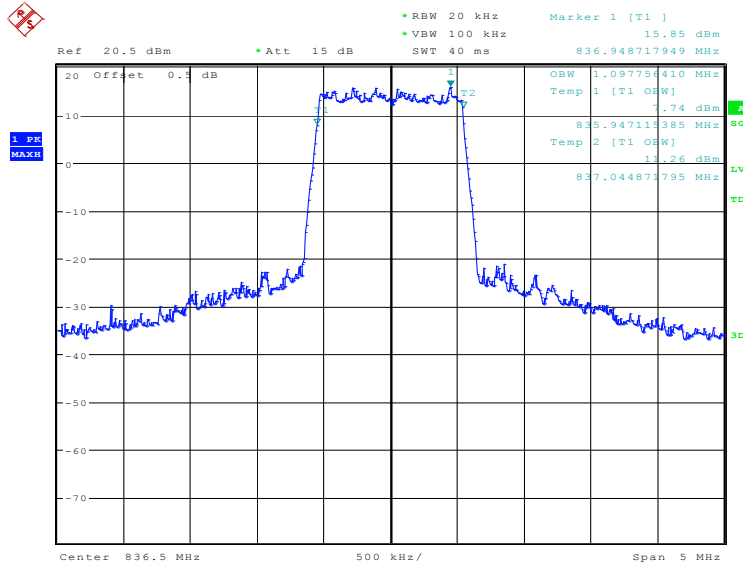
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	1089.74	1097.76

LTE band 26(824MHz~849MHz), 1.4MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:40:05

LTE band 26(824MHz~849MHz), 1.4MHz Bandwidth, 16QAM (99% BW)

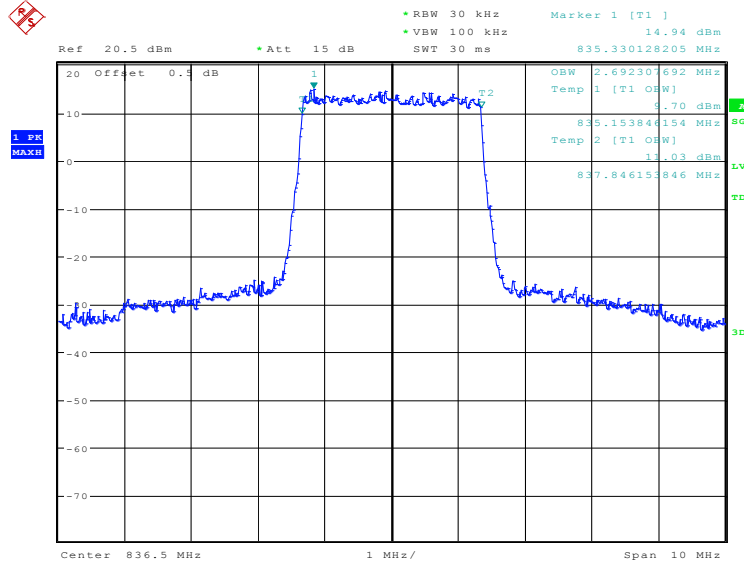


Date: 14.JUL.2021 17:40:43

LTE band 26(824MHz~849MHz), 3MHz (99%)

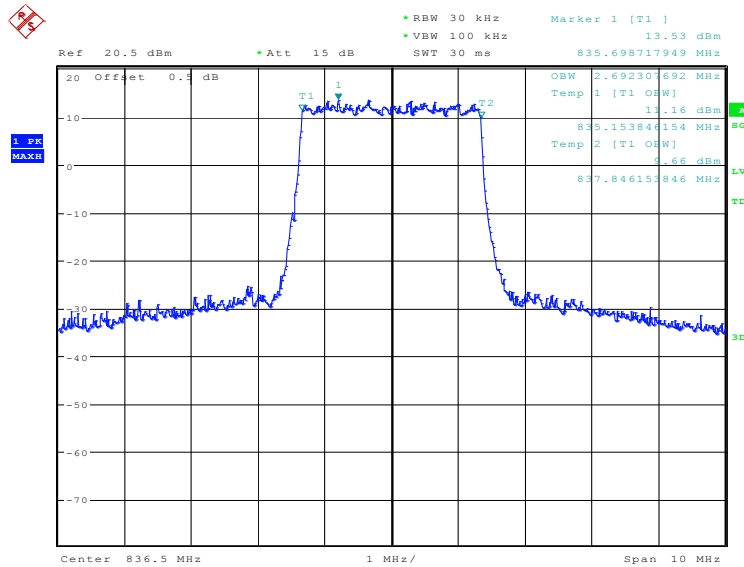
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	2692.31	2692.31

LTE band 26(824MHz~849MHz), 3MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:41:24

LTE band 26(824MHz~849MHz), 3MHz Bandwidth, 16QAM (99% BW)

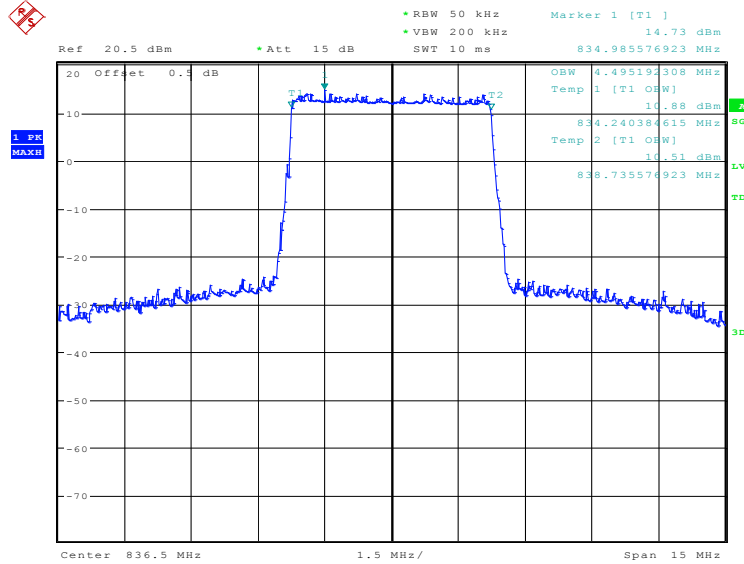


Date: 14.JUL.2021 17:42:03

LTE band 26(824MHz~849MHz), 5MHz (99%)

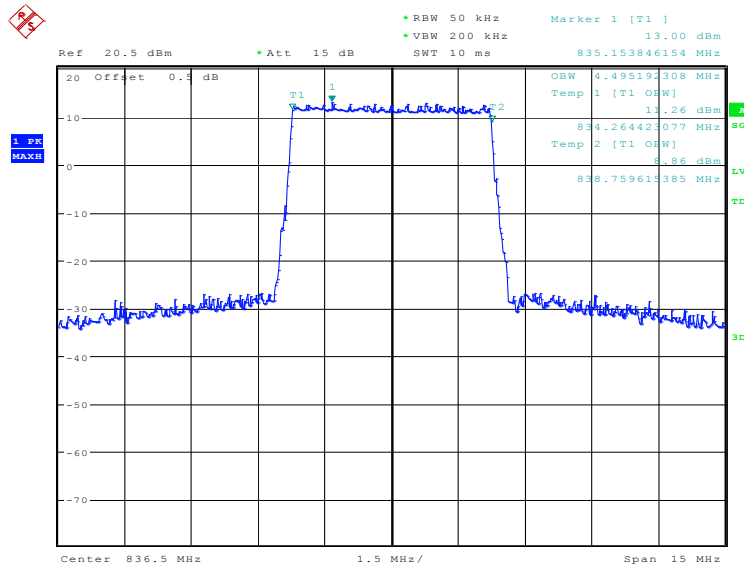
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	4495.19	4495.19

LTE band 26(824MHz~849MHz), 5MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:42:44

LTE band 26(824MHz~849MHz), 5MHz Bandwidth, 16QAM (99% BW)

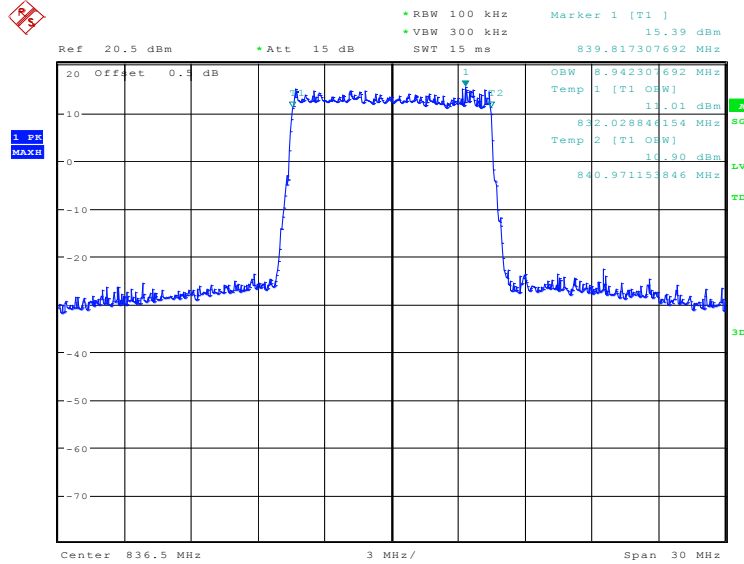


Date: 14.JUL.2021 17:43:23

LTE band 26(824MHz~849MHz), 10MHz (99%)

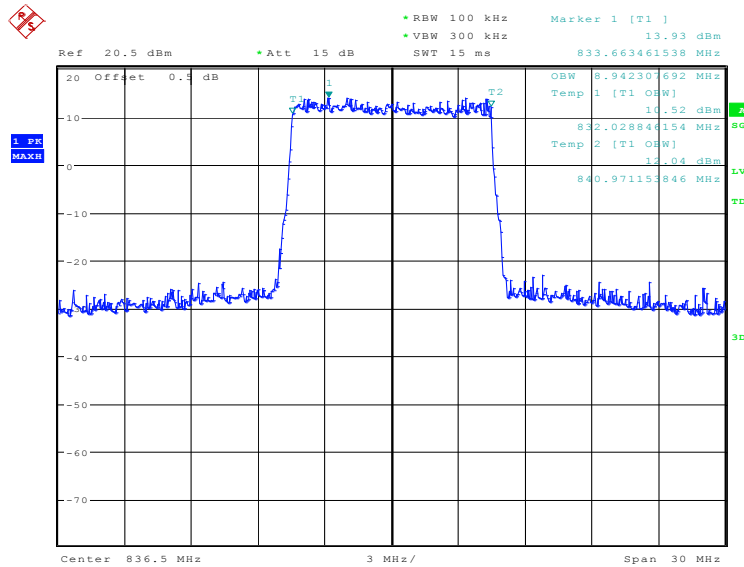
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	8942.31	8942.31

LTE band 26(824MHz~849MHz), 10MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:44:04

LTE band 26(824MHz~849MHz), 10MHz Bandwidth, 16QAM (99% BW)

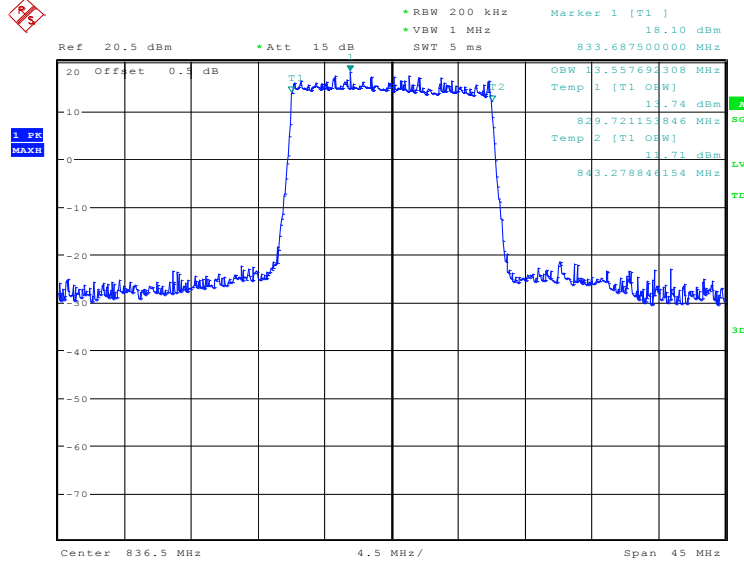


Date: 14.JUL.2021 17:44:42

LTE band 26(824MHz~849MHz), 15MHz (99%)

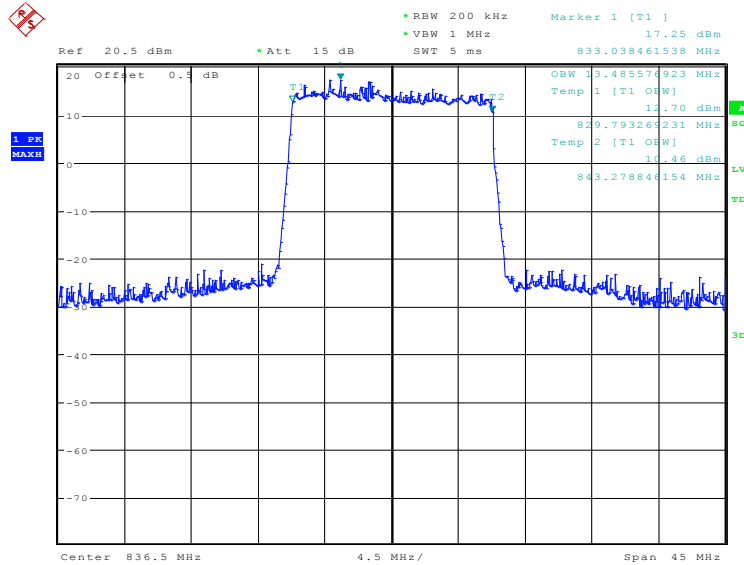
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
836.5	QPSK	16QAM
	13557.69	13485.58

LTE band 26(824MHz~849MHz), 15MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:45:23

LTE band 26(824MHz~849MHz), 15MHz Bandwidth, 16QAM (99% BW)

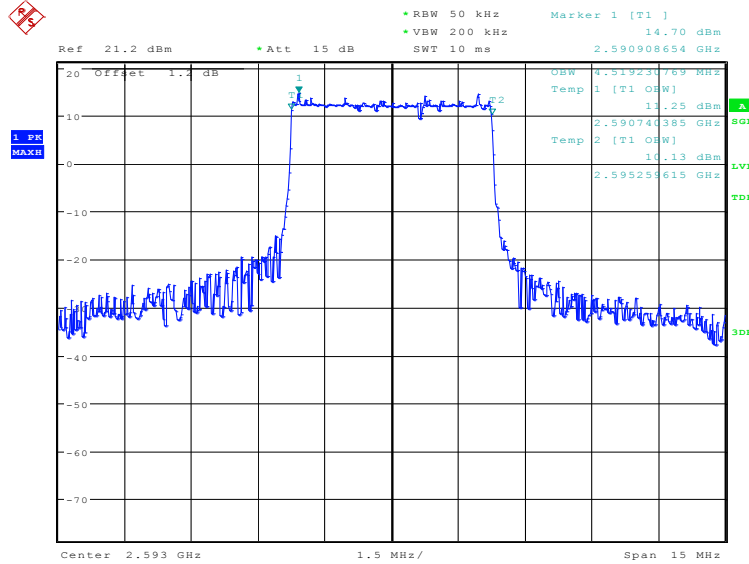


Date: 14.JUL.2021 17:46:02

LTE band 41, 5MHz (99%)

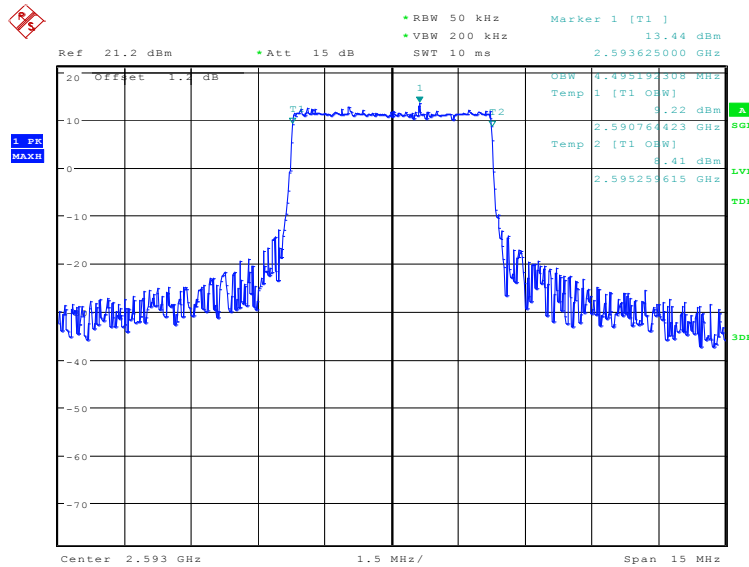
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2593.0	QPSK	16QAM
	4519.23	4495.19

LTE band 41, 5MHz Bandwidth, QPSK (99% BW)



Date: 15.JUL.2021 11:12:26

LTE band 41, 5MHz Bandwidth, 16QAM (99% BW)

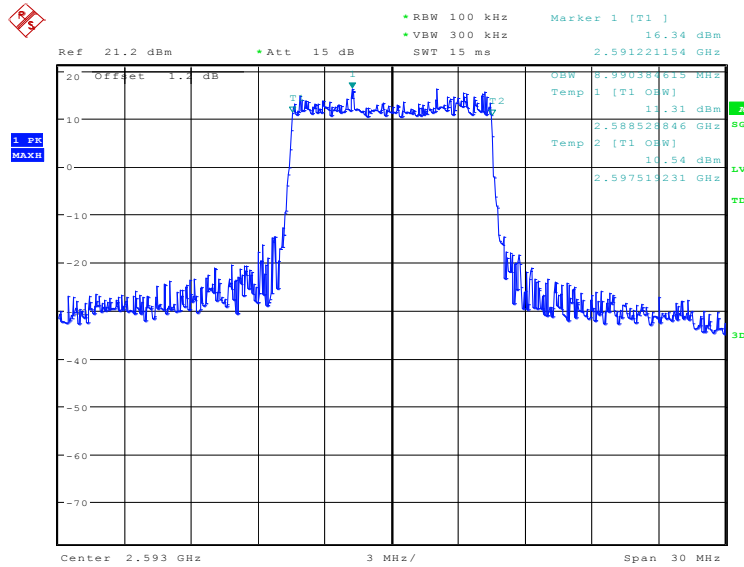


Date: 15.JUL.2021 11:13:04

LTE band 41, 10MHz (99%)

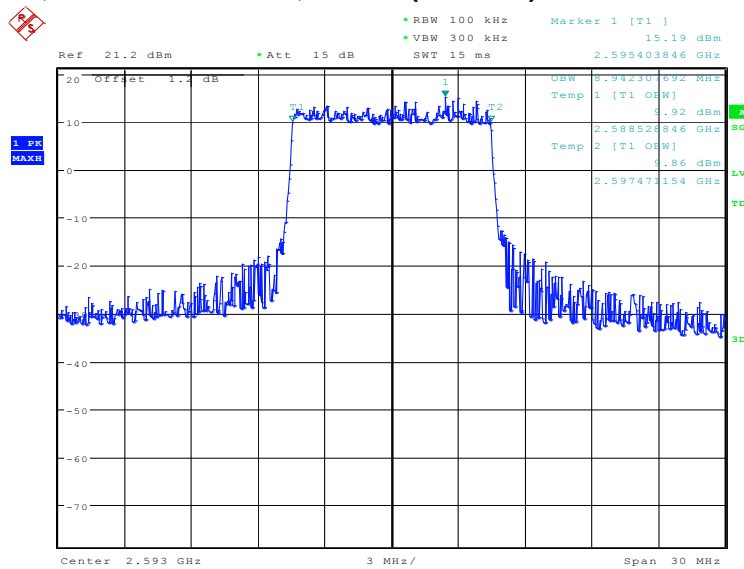
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2593.0	QPSK	16QAM
	8990.38	8942.31

LTE band 41, 10MHz Bandwidth, QPSK (99% BW)



Date: 15.JUL.2021 11:13:45

LTE band 41, 10MHz Bandwidth, 16QAM (99% BW)

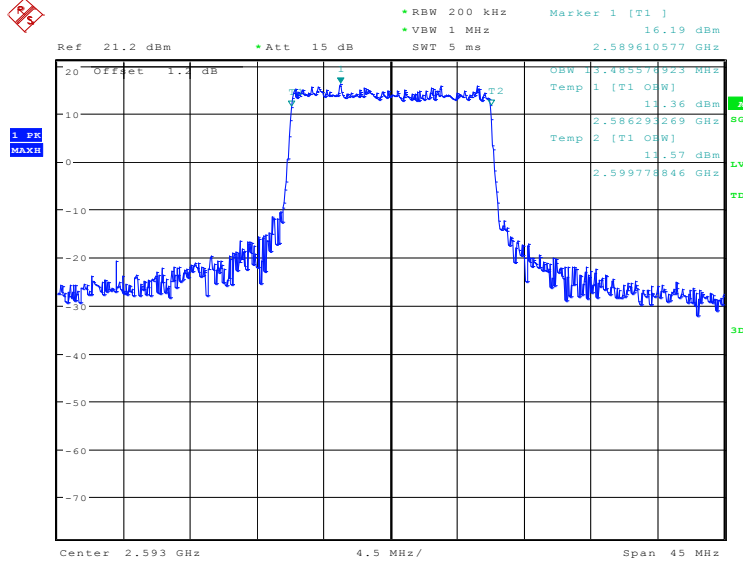


Date: 15.JUL.2021 11:14:24

LTE band 41, 15MHz (99%)

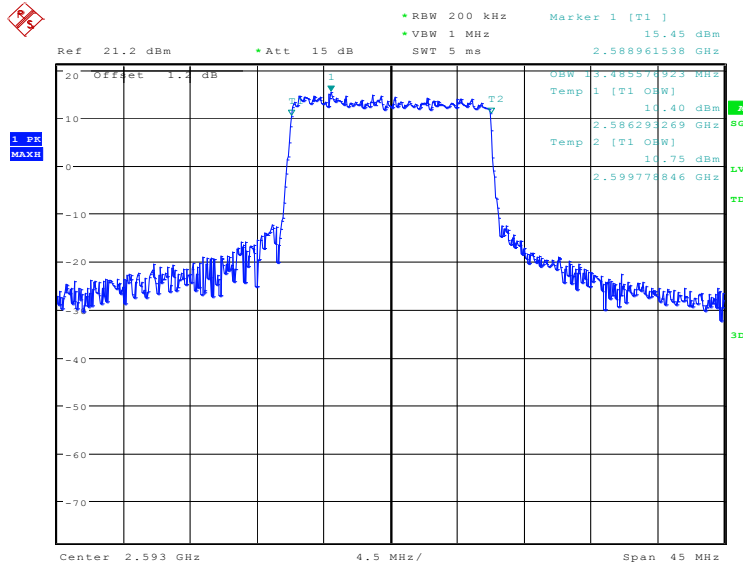
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2593.0	QPSK	16QAM
	13485.58	13485.58

LTE band 41, 15MHz Bandwidth, QPSK (99% BW)



Date: 15.JUL.2021 11:15:05

LTE band 41, 15MHz Bandwidth, 16QAM (99% BW)

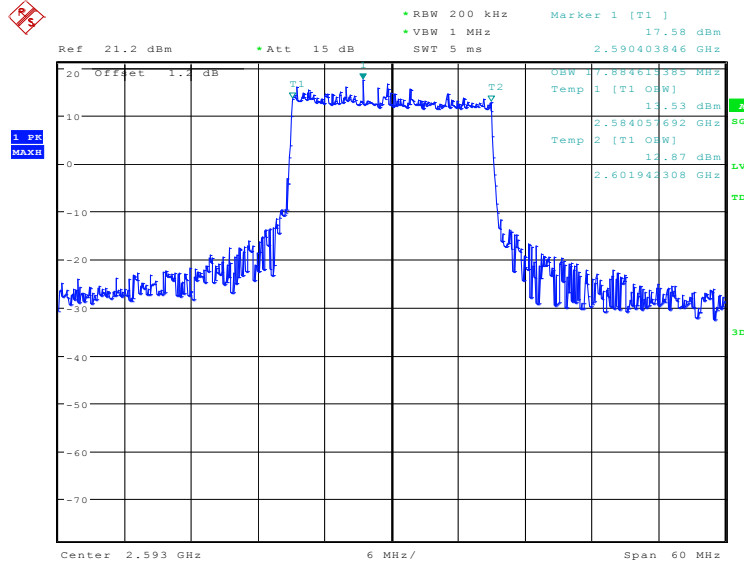


Date: 15.JUL.2021 11:15:44

LTE band 41, 20MHz (99%)

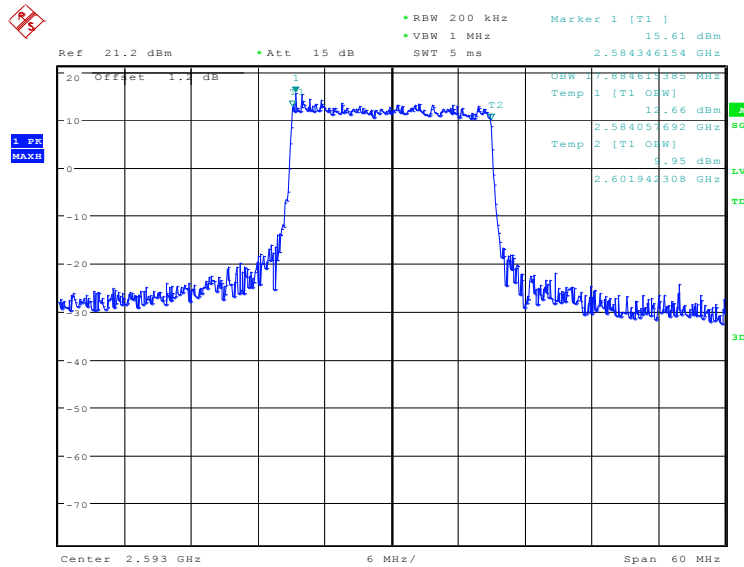
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
2593.0	QPSK	16QAM
	17884.62	17884.62

LTE band 41, 20MHz Bandwidth, QPSK (99% BW)



Date: 15.JUL.2021 11:16:25

LTE band 41, 20MHz Bandwidth, 16QAM (99% BW)

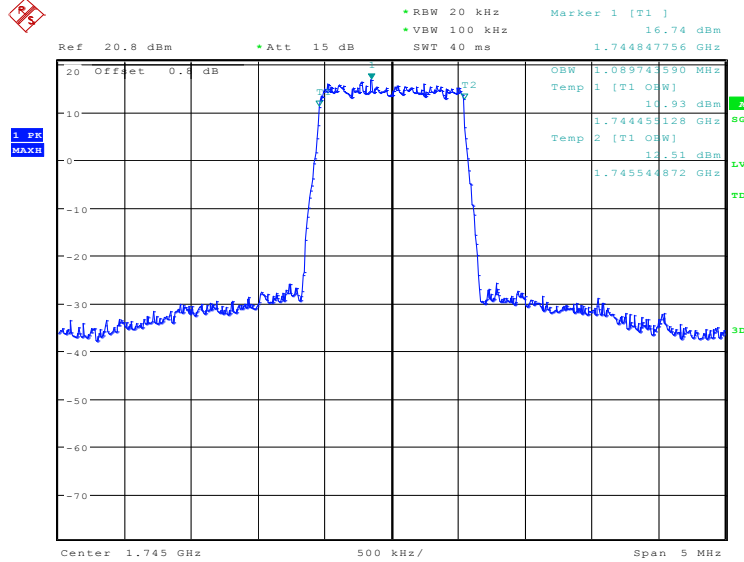


Date: 15.JUL.2021 11:17:03

LTE band 66, 1.4MHz (99%)

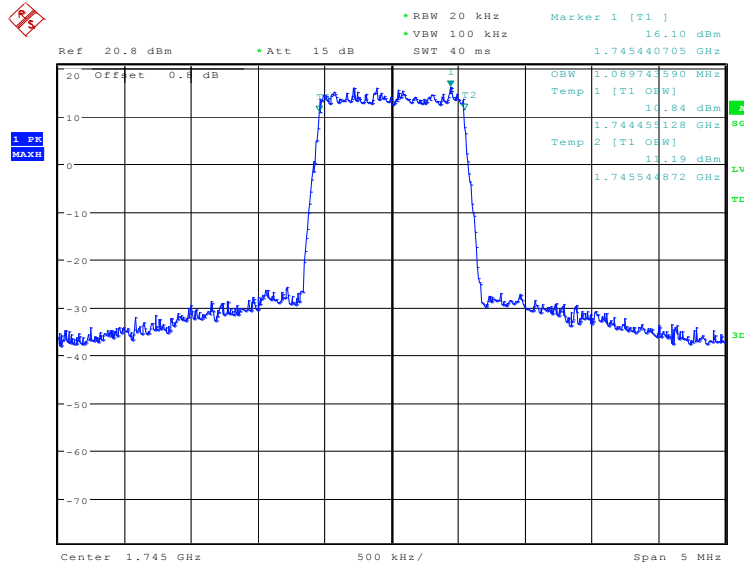
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1745.0	QPSK	16QAM
	1089.74	1089.74

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



Date: 14.JUL.2021 16:19:58

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

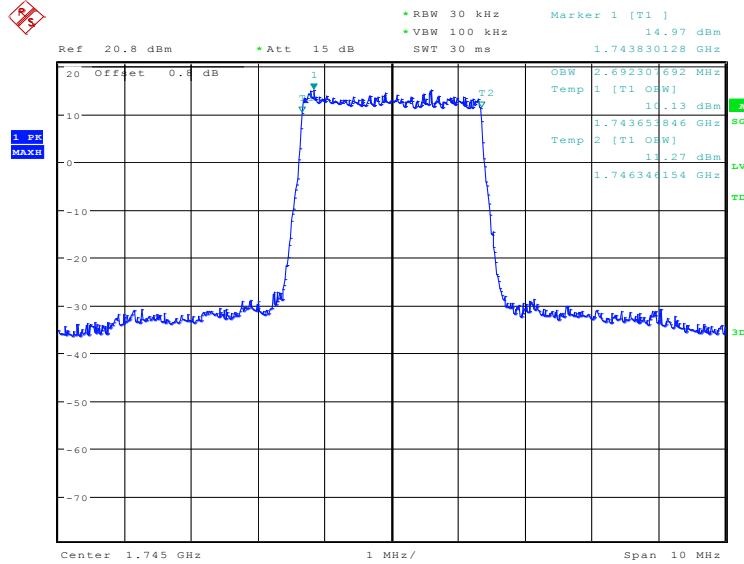


Date: 14.JUL.2021 16:20:36

LTE band 66, 3MHz (99%)

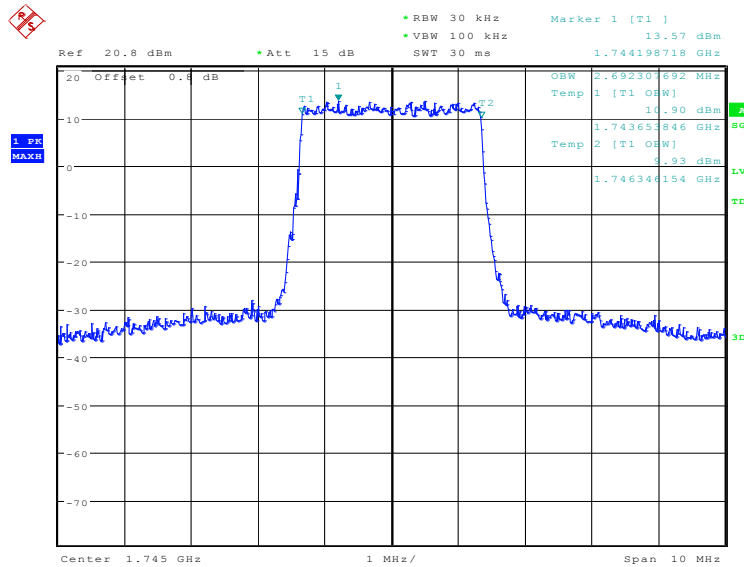
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1745.0	QPSK	16QAM
	2692.31	2692.31

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



Date: 14.JUL.2021 16:21:17

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

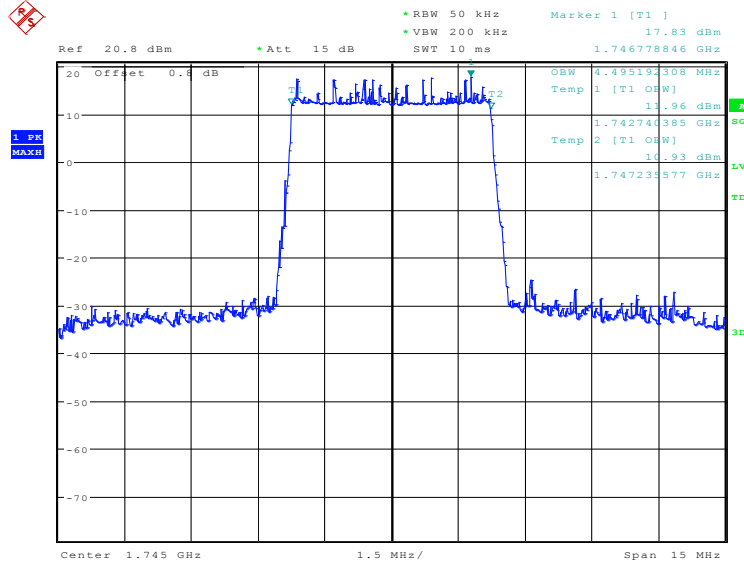


Date: 14.JUL.2021 16:21:55

LTE band 66, 5MHz (99%)

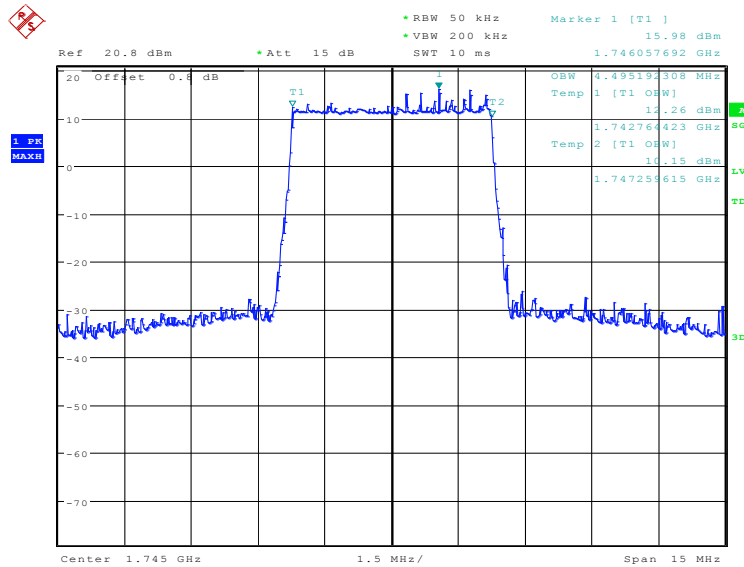
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1745.0	QPSK	16QAM
	4495.19	4495.19

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



Date: 14.JUL.2021 16:22:36

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

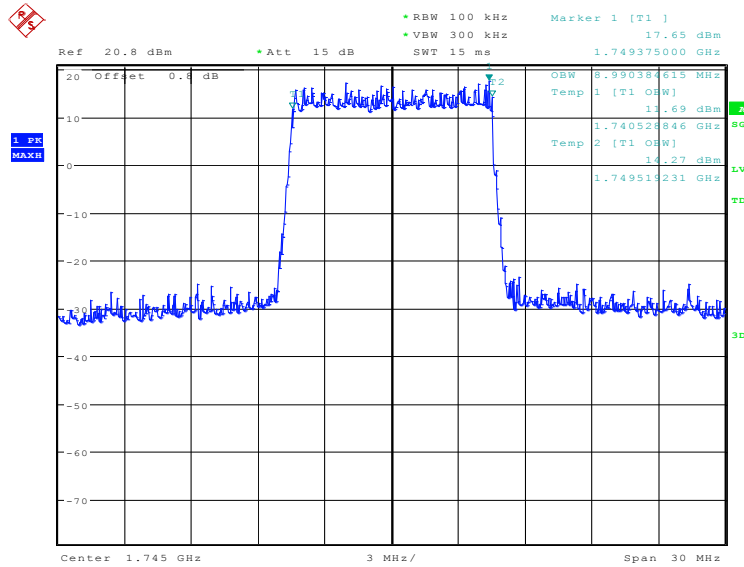


Date: 14.JUL.2021 16:23:15

LTE band 66, 10MHz (99%)

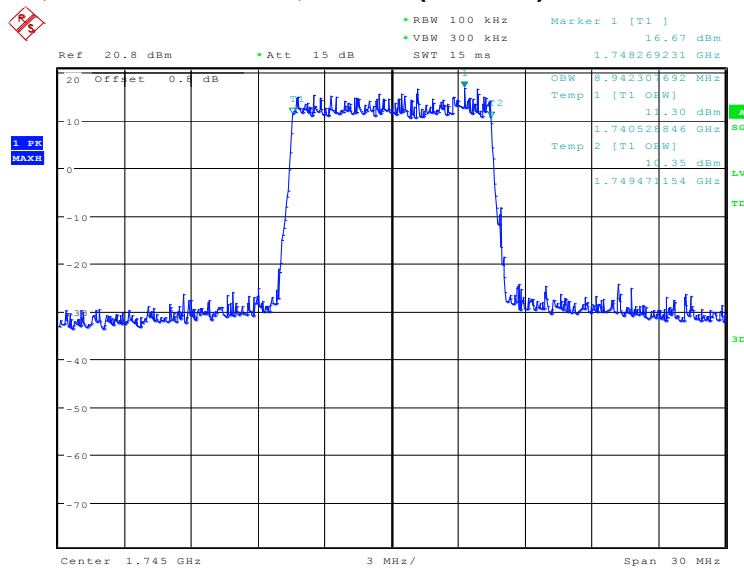
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1745.0	QPSK	16QAM
	8990.38	8942.31

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



Date: 14.JUL.2021 16:23:56

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

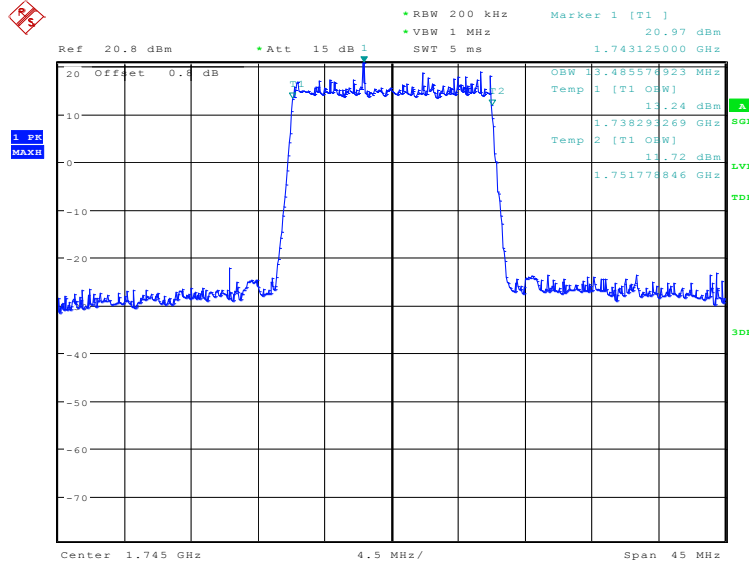


Date: 14.JUL.2021 16:24:34

LTE band 66, 15MHz (99%)

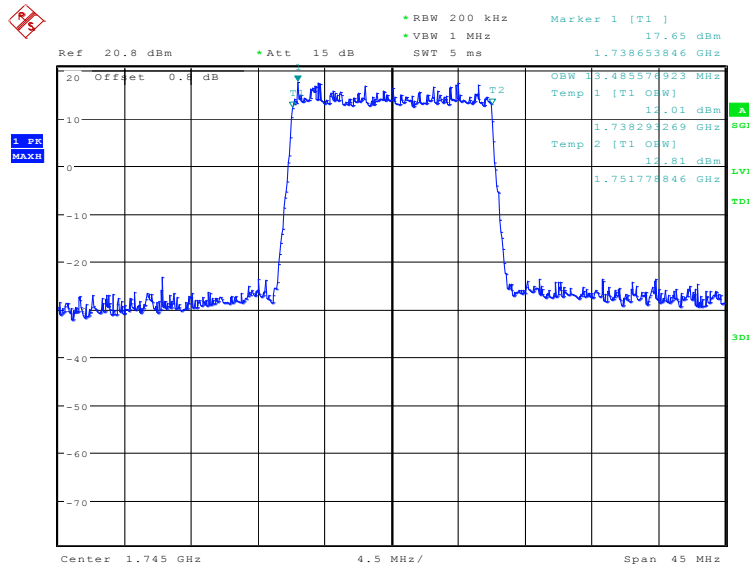
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1745.0	QPSK	16QAM
	13485.58	13485.58

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



Date: 14.JUL.2021 16:25:15

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

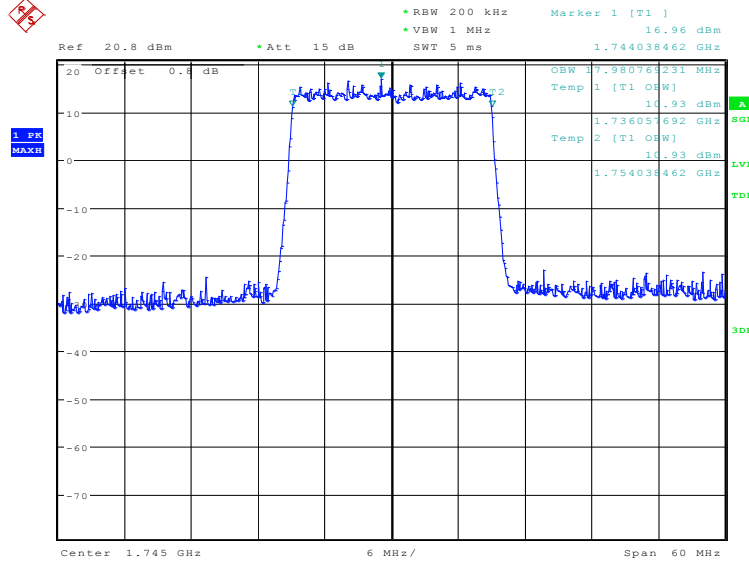


Date: 14.JUL.2021 16:25:54

LTE band 66, 20MHz (99%)

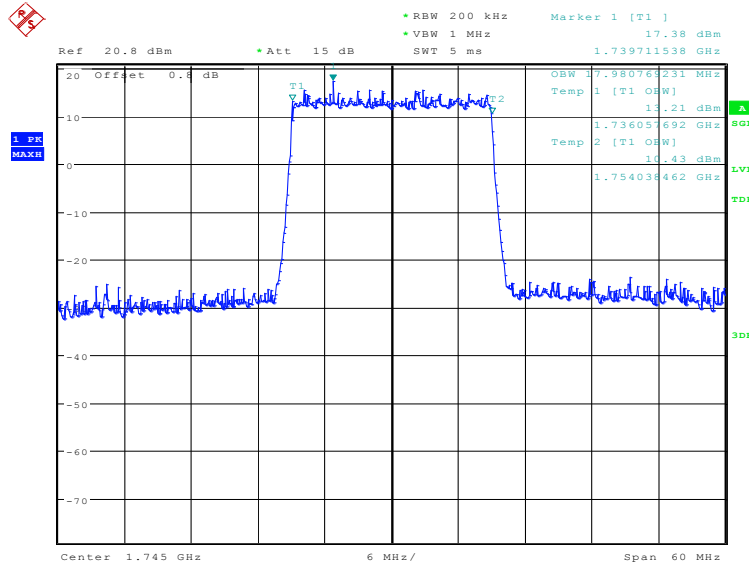
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
1745.0	QPSK	16QAM
	17980.77	17980.77

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



Date: 14.JUL.2021 16:26:34

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

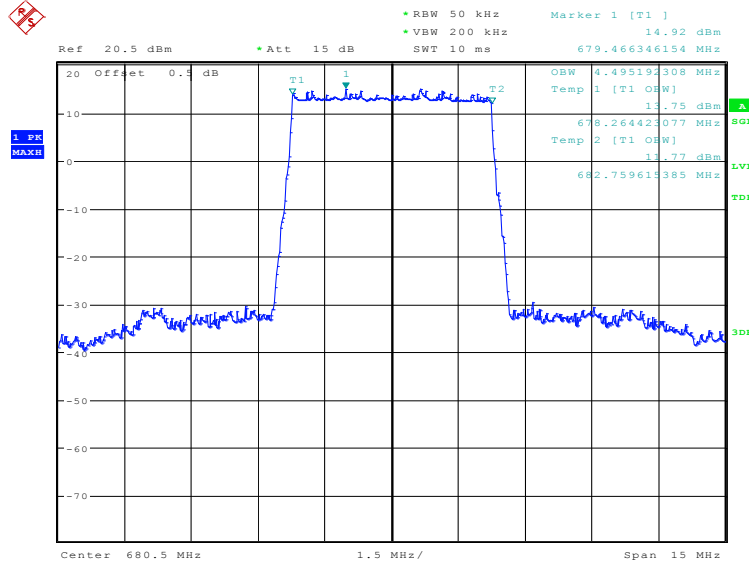


Date: 14.JUL.2021 16:27:13

LTE band 71, 5MHz (99%)

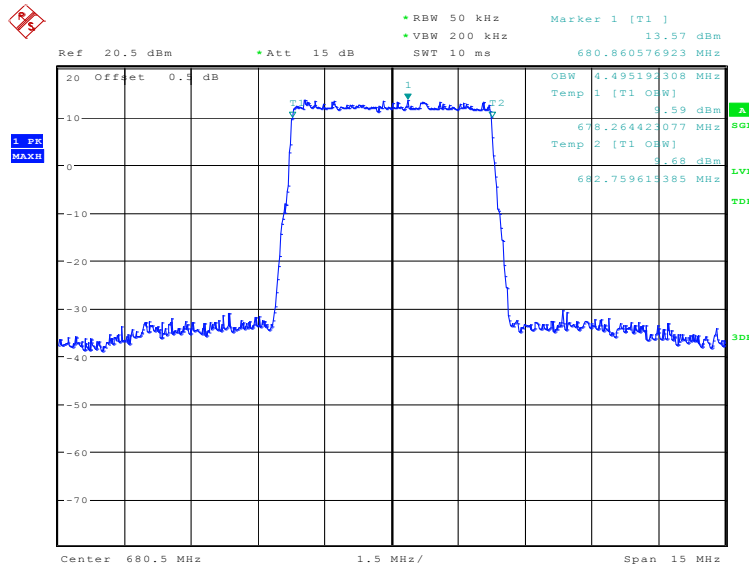
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
680.5	QPSK	16QAM
	4495.19	4495.19

LTE band 71, 5MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:25:45

LTE band 71, 5MHz Bandwidth, 16QAM (99% BW)

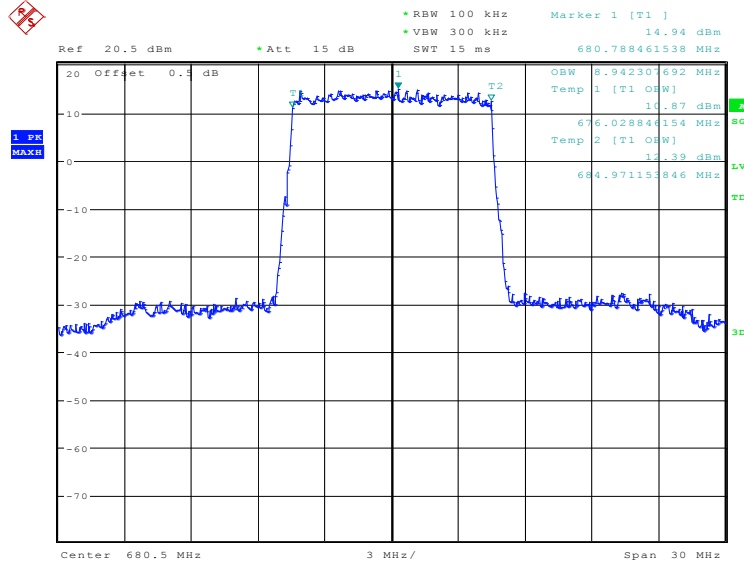


Date: 14.JUL.2021 17:26:24

LTE band 71, 10MHz (99%)

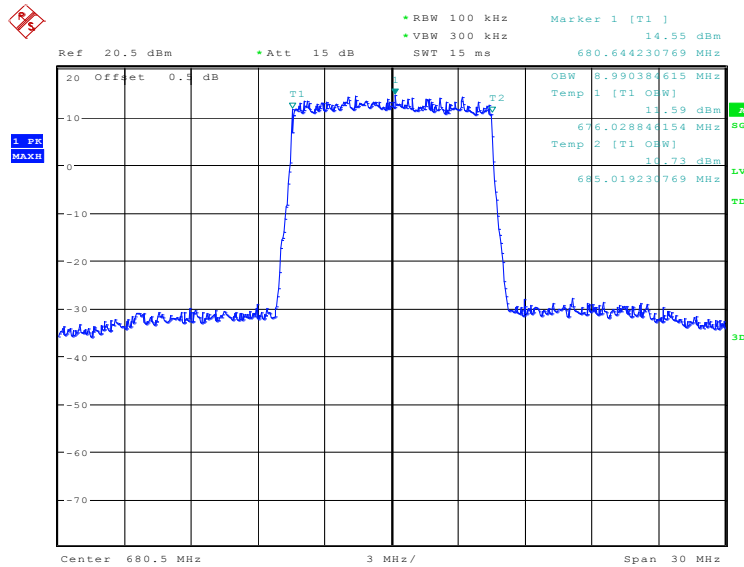
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
680.5	QPSK	16QAM
	8942.31	8990.38

LTE band 71, 10MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:27:06

LTE band 71, 10MHz Bandwidth, 16QAM (99% BW)

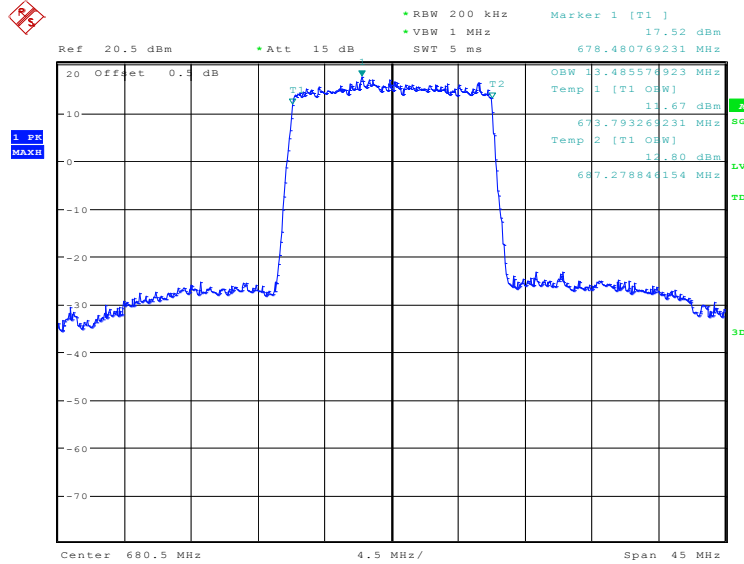


Date: 14.JUL.2021 17:27:45

LTE band 71, 15MHz (99%)

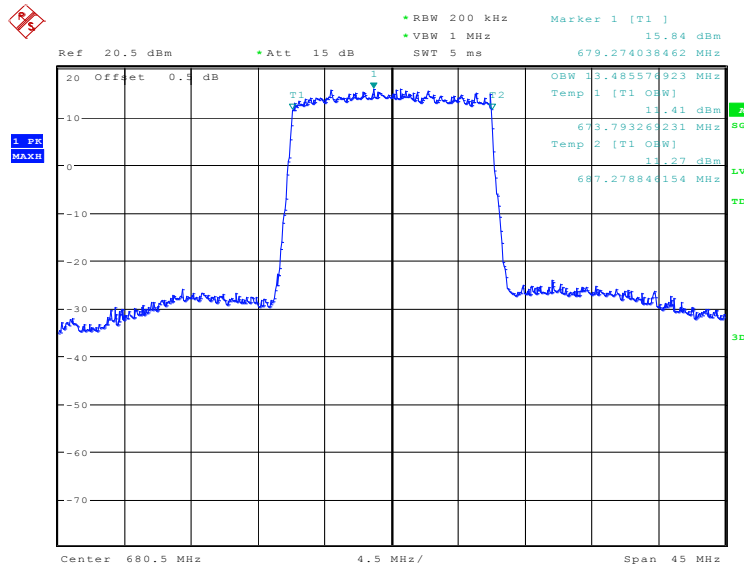
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
680.5	QPSK	16QAM
	13485.58	13485.58

LTE band 71, 15MHz Bandwidth, QPSK (99% BW)



Date: 14.JUL.2021 17:28:27

LTE band 71, 15MHz Bandwidth, 16QAM (99% BW)

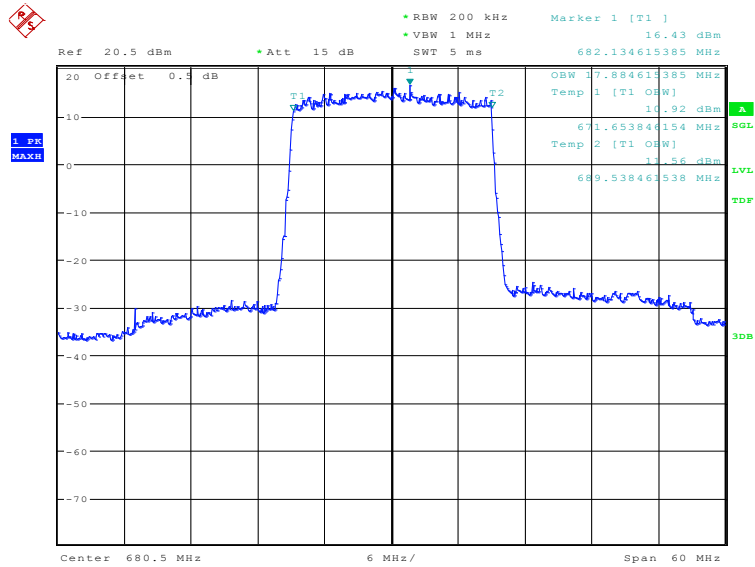


Date: 14.JUL.2021 17:29:06

LTE band 71, 20MHz (99%)

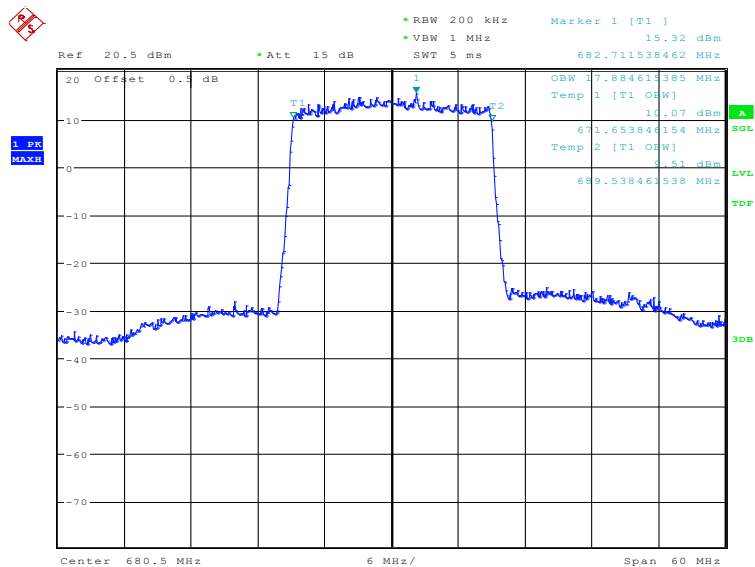
Frequency(MHz)	Occupied Bandwidth (99%)(kHz)	
680.5	QPSK	16QAM
	17884.62	17884.62

LTE band 71, 20MHz Bandwidth, QPSK (99% BW)



Date: 19.AUG.2021 14:30:53

LTE band 71, 20MHz Bandwidth, 16QAM (99% BW)

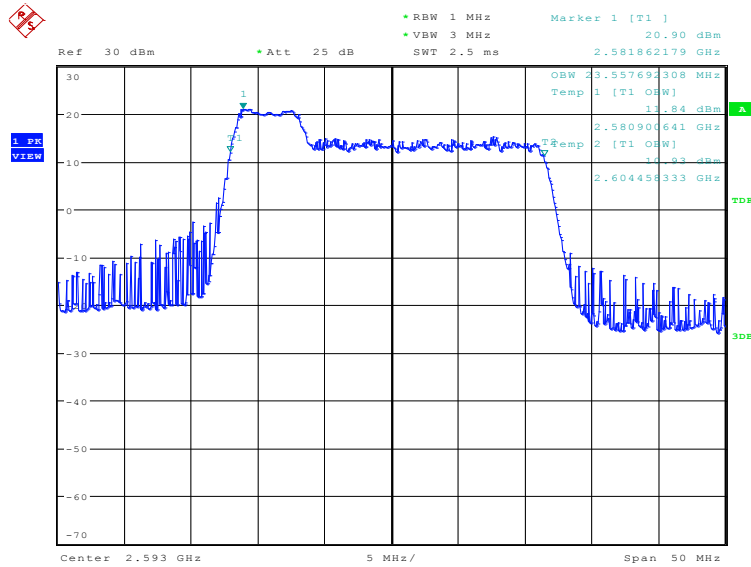


Date: 19.AUG.2021 14:31:32

LTE CA Band 41C , 5MHz+20MHz (99%)

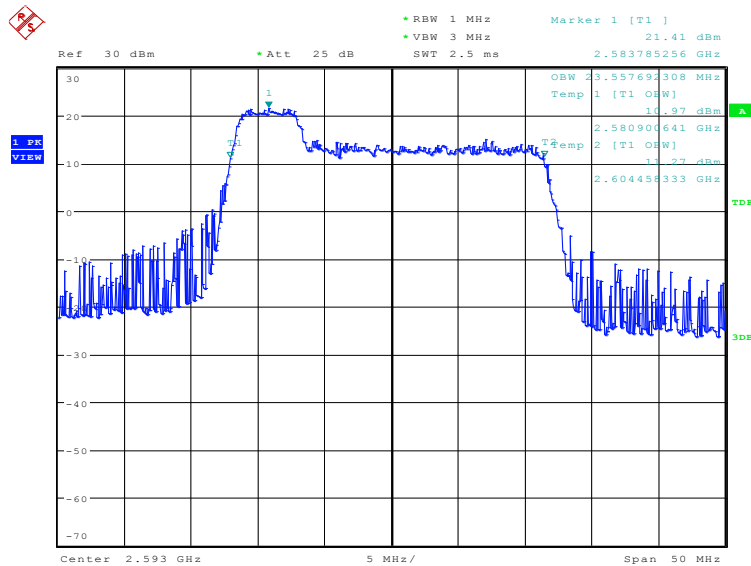
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	23557.69	23557.69

LTE CA Band 41C , 5MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:08:06

LTE CA Band 41C , 5MHz+20MHz Bandwidth, 16QAM (99% BW)

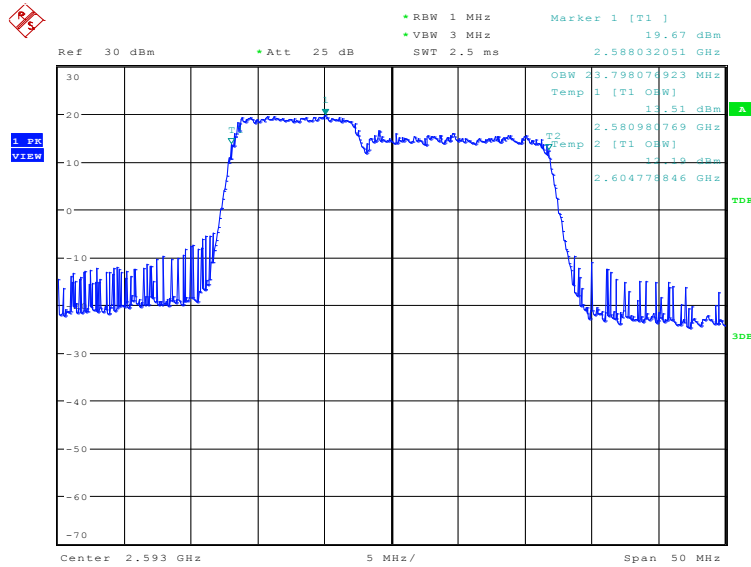


Date: 28.JUL.2021 09:09:26

LTE CA Band 41C , 10MHz+15MHz (99%)

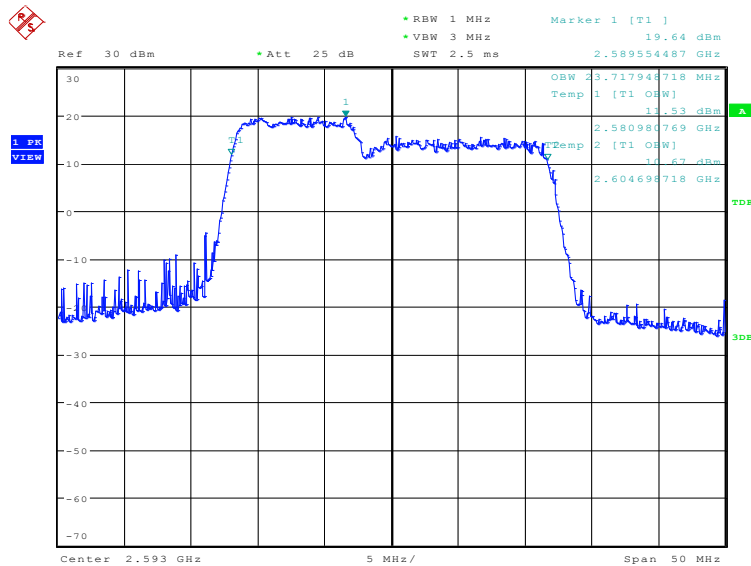
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	23798.08	23717.95

LTE CA Band 41C , 10MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:16:20

LTE CA Band 41C , 10MHz+15MHz Bandwidth, 16QAM (99% BW)

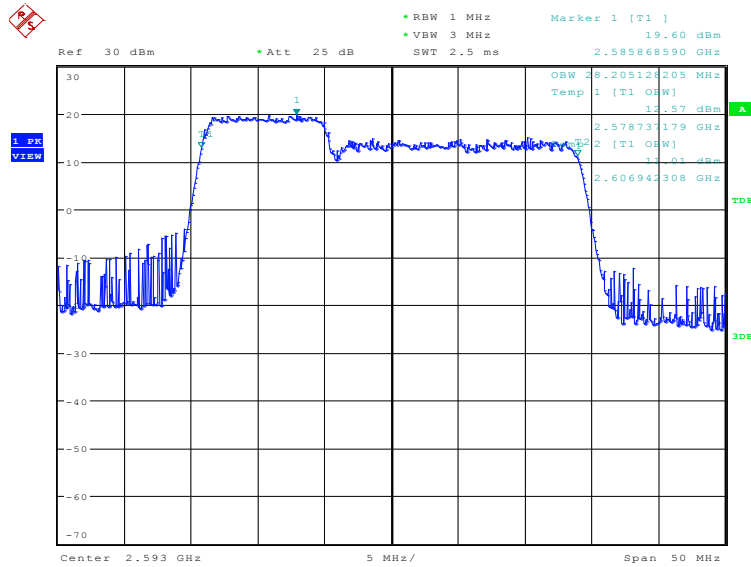


Date: 28.JUL.2021 09:18:38

LTE CA Band 41C , 10MHz+20MHz (99%)

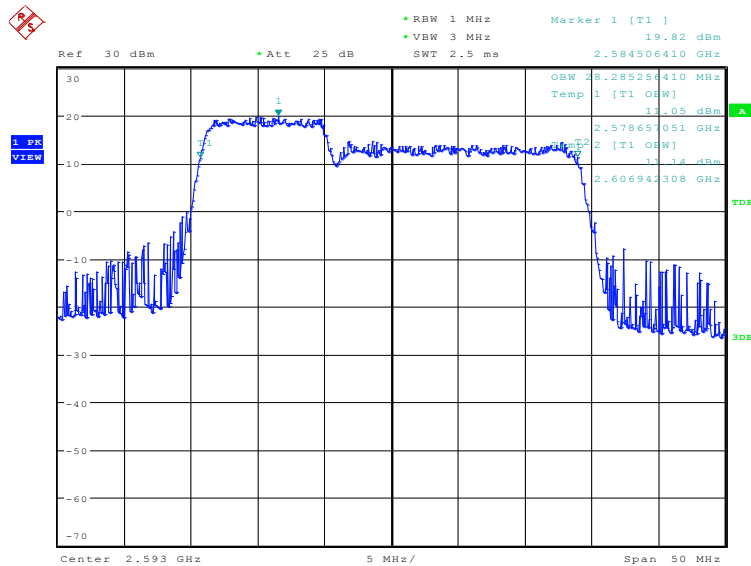
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	28205.13	28285.26

LTE CA Band 41C , 10MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:28:08

LTE CA Band 41C , 10MHz+20MHz Bandwidth, 16QAM (99% BW)

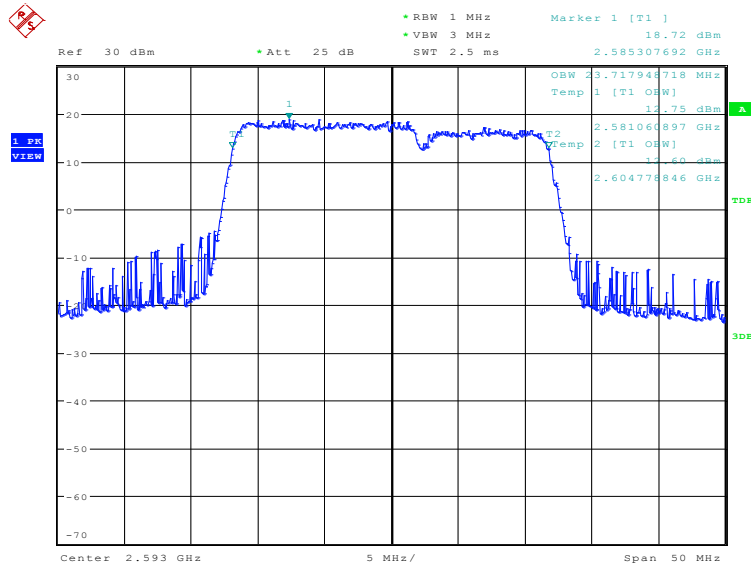


Date: 28.JUL.2021 09:29:24

LTE CA Band 41C , 15MHz+10MHz (99%)

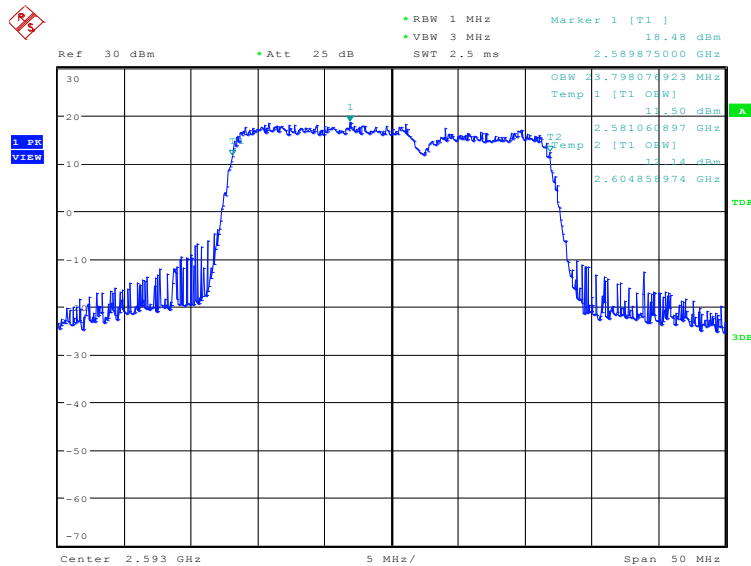
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	23717.95	23798.08

LTE CA Band 41C , 15MHz+10MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:20:42

LTE CA Band 41C , 15MHz+10MHz Bandwidth, 16QAM (99% BW)

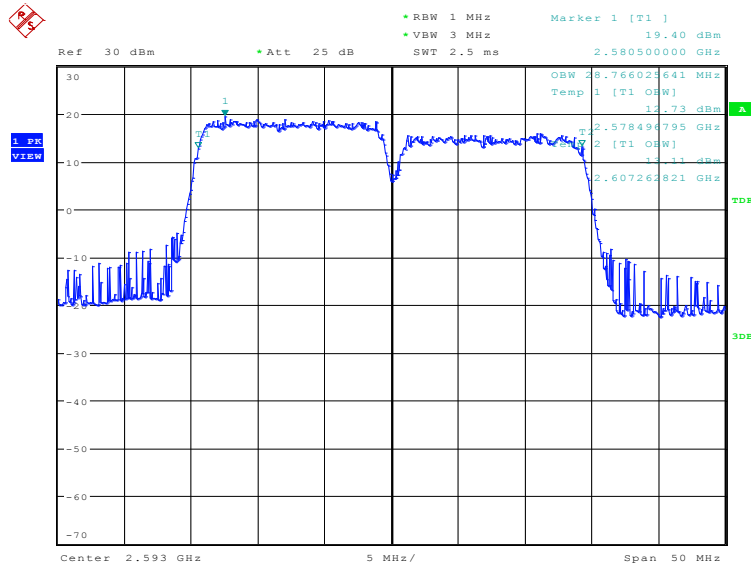


Date: 28.JUL.2021 09:23:51

LTE CA Band 41C , 15MHz+15MHz (99%)

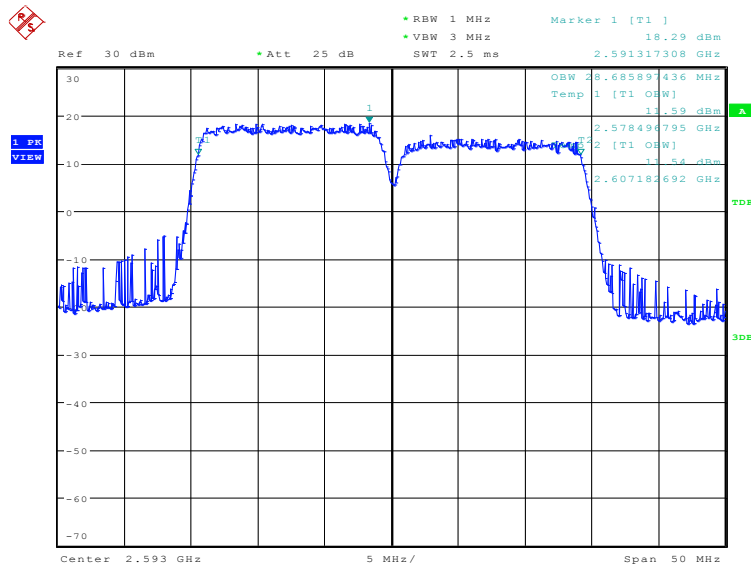
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	28766.03	28685.90

LTE CA Band 41C , 15MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:35:22

LTE CA Band 41C , 15MHz+15MHz Bandwidth, 16QAM (99% BW)

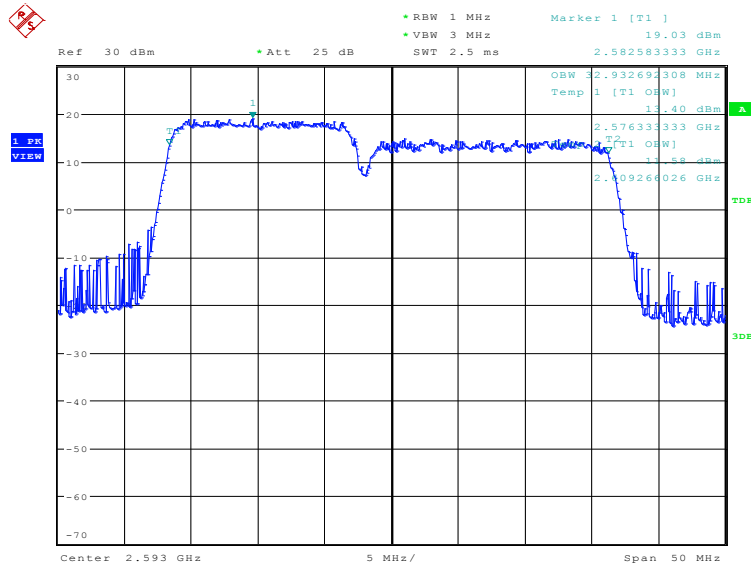


Date: 28.JUL.2021 09:36:39

LTE CA Band 41C , 15MHz+20MHz (99%)

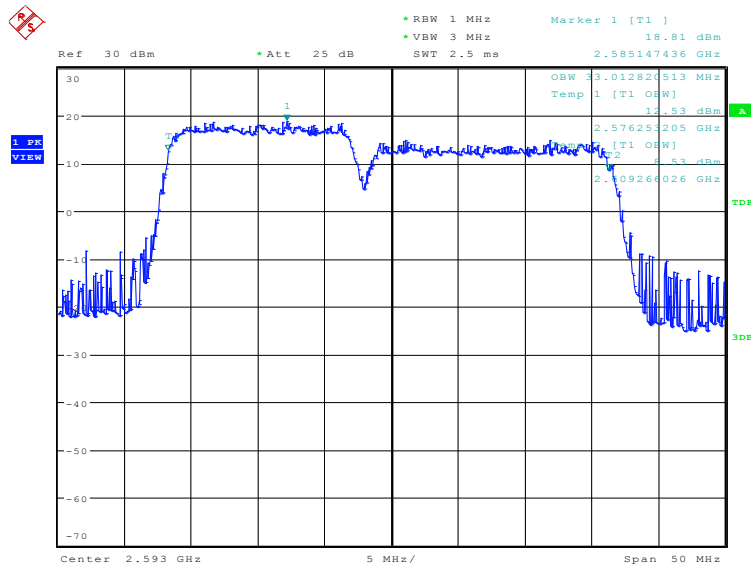
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	32932.69	33012.82

LTE CA Band 41C , 15MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:38:33

LTE CA Band 41C , 15MHz+20MHz Bandwidth, 16QAM (99% BW)

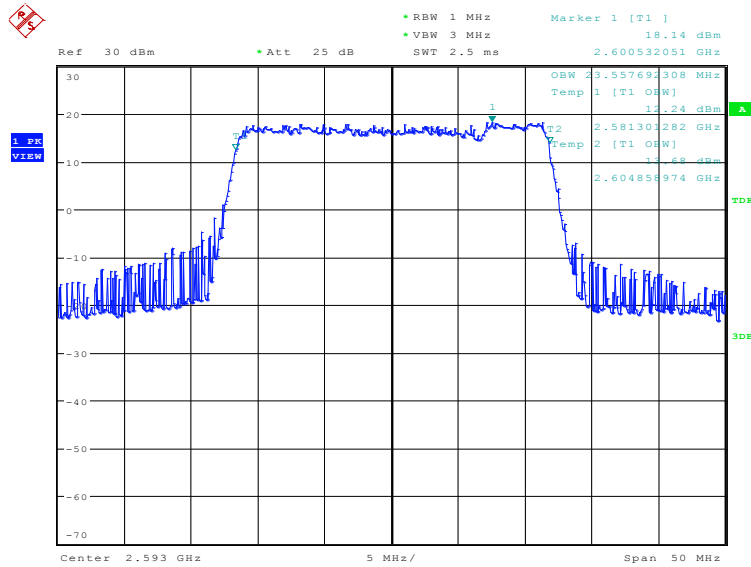


Date: 28.JUL.2021 09:42:32

LTE CA Band 41C , 20MHz+5MHz (99%)

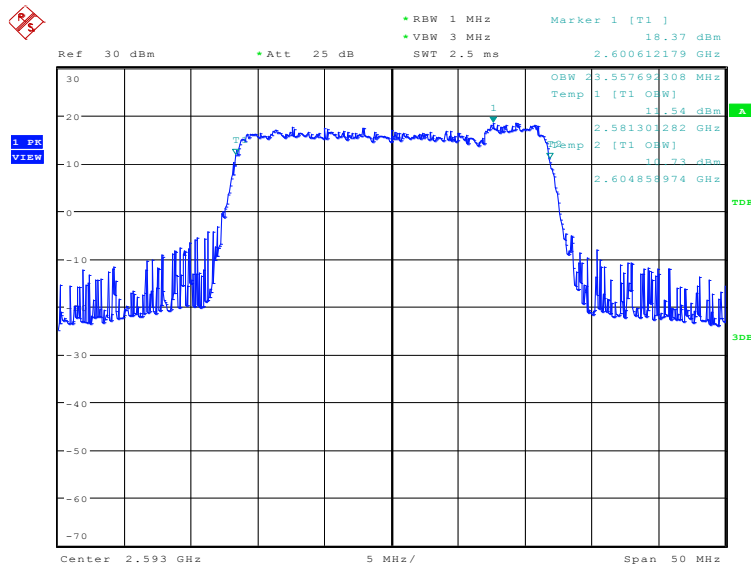
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	23557.69	23557.69

LTE CA Band 41C , 20MHz+5MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:12:20

LTE CA Band 41C , 20MHz+5MHz Bandwidth, 16QAM (99% BW)

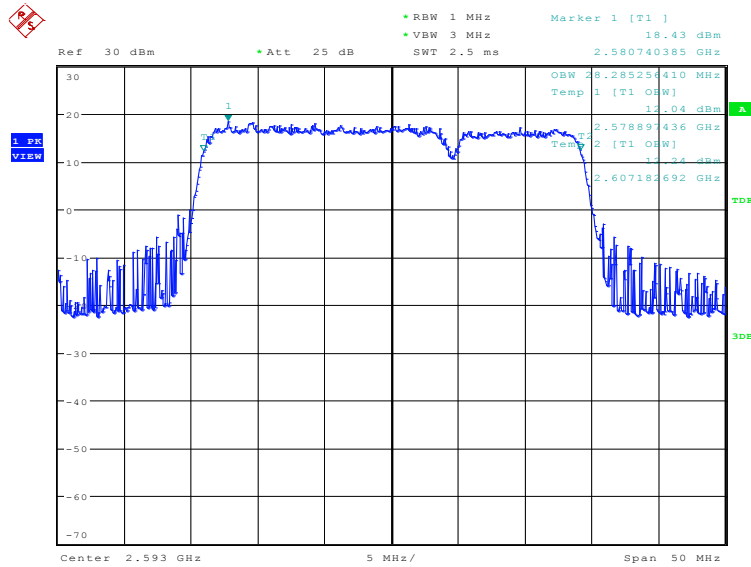


Date: 28.JUL.2021 09:13:35

LTE CA Band 41C , 20MHz+10MHz (99%)

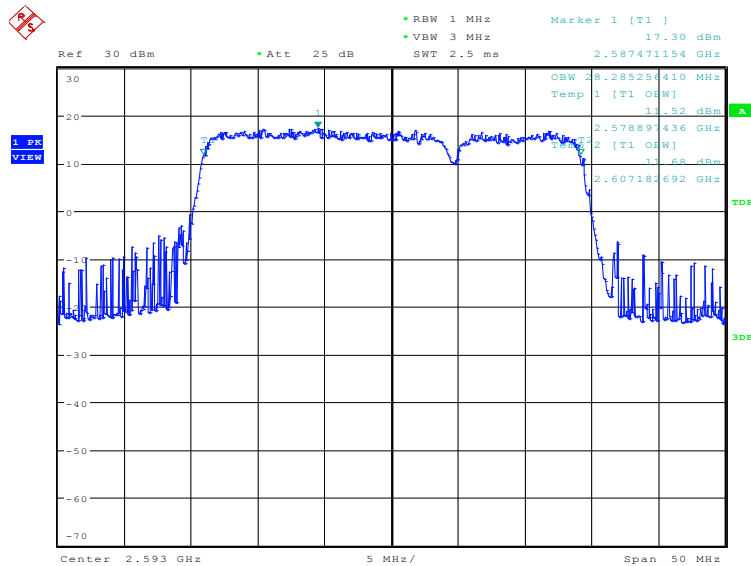
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	28285.26	28285.26

LTE CA Band 41C , 20MHz+10MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:31:16

LTE CA Band 41C , 20MHz+10MHz Bandwidth, 16QAM (99% BW)

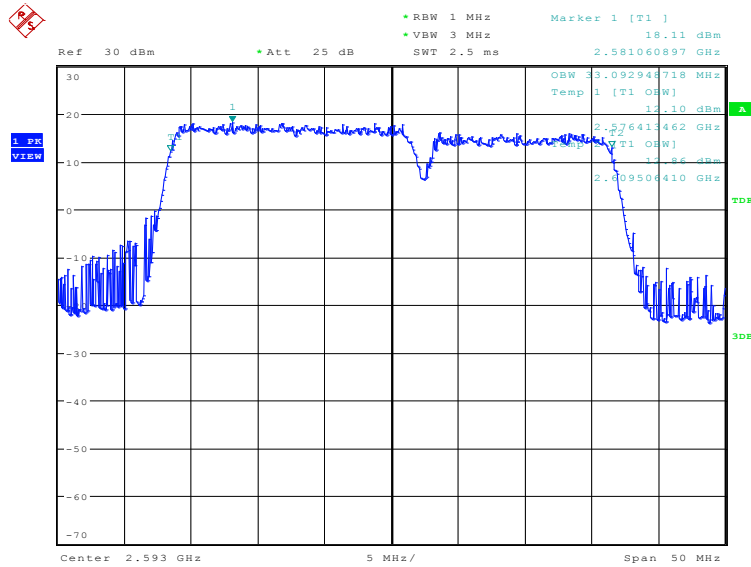


Date: 28.JUL.2021 09:33:15

LTE CA Band 41C , 20MHz+15MHz (99%)

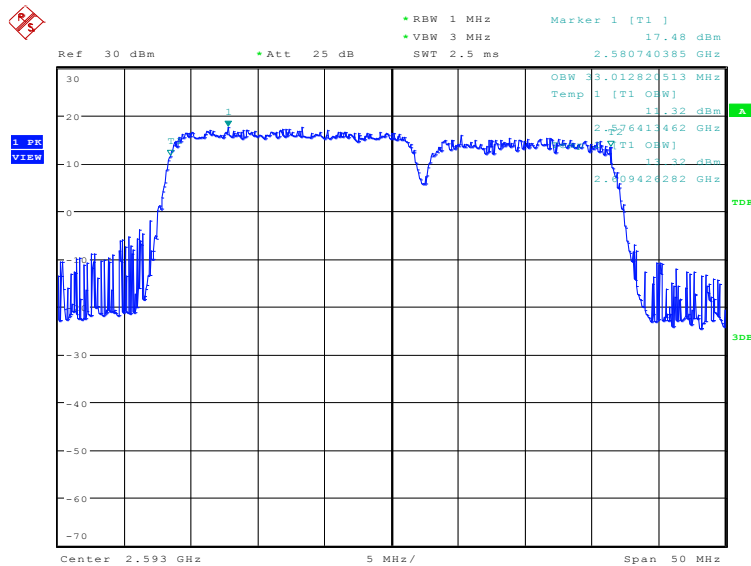
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	33092.95	33012.82

LTE CA Band 41C , 20MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:44:27

LTE CA Band 41C , 20MHz+15MHz Bandwidth, 16QAM (99% BW)

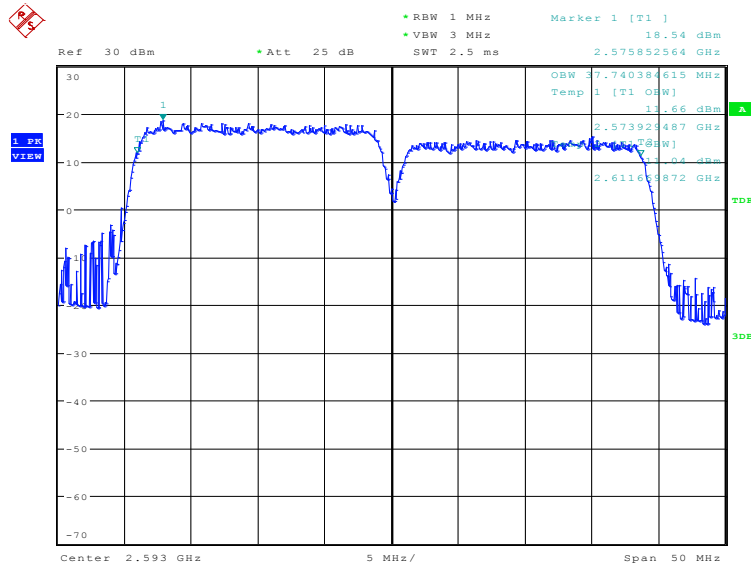


Date: 28.JUL.2021 09:45:38

LTE CA Band 41C , 20MHz+20MHz (99%)

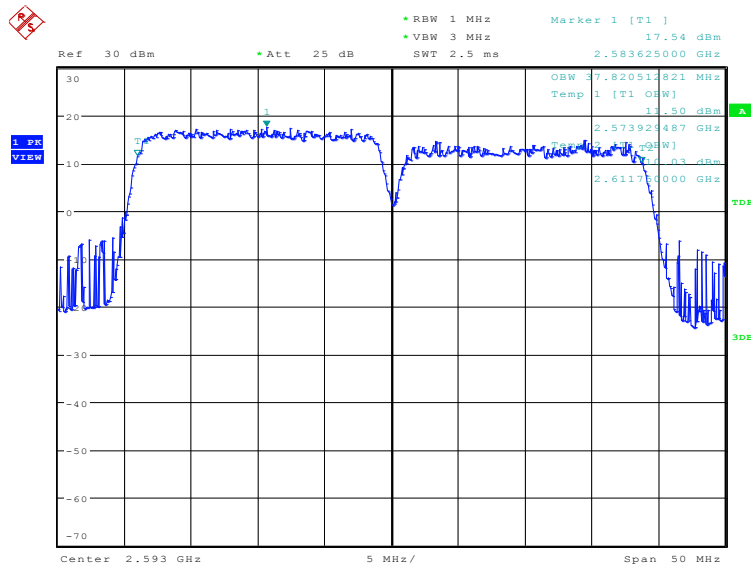
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
2593.0	QPSK	16QAM
	37740.38	37820.51

LTE CA Band 41C , 20MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 09:50:09

LTE CA Band 41C , 20MHz+20MHz Bandwidth, 16QAM (99% BW)

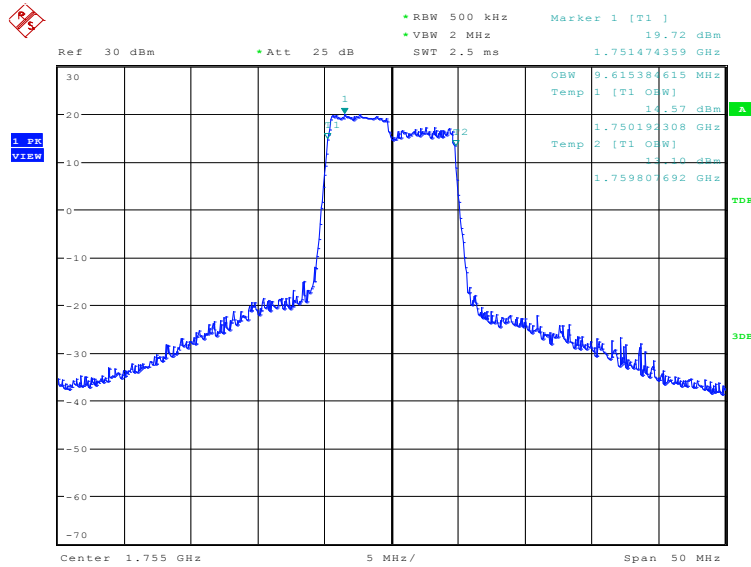


Date: 28.JUL.2021 09:53:46

LTE CA Band 66B , 5MHz+5MHz (99%)

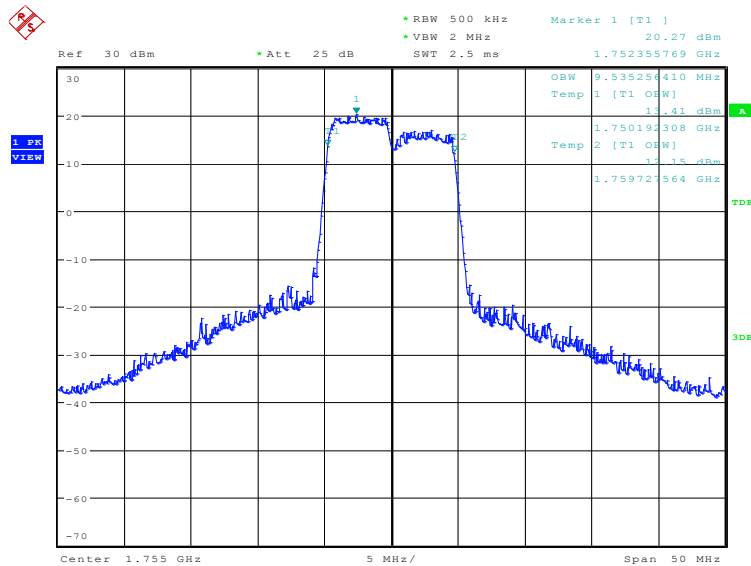
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	9615.38	9535.26

LTE CA Band 66B , 5MHz+5MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 08:11:10

LTE CA Band 66B , 5MHz+5MHz Bandwidth, 16QAM (99% BW)

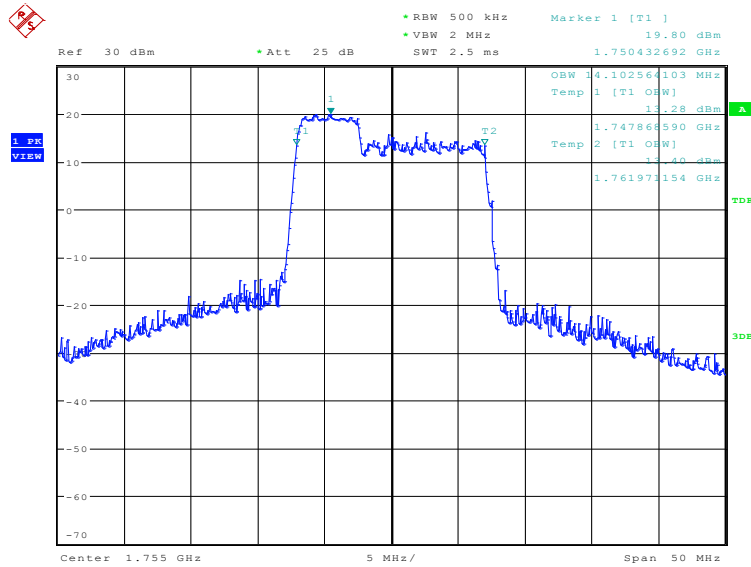


Date: 28.JUL.2021 08:12:35

LTE CA Band 66B , 5MHz+10MHz (99%)

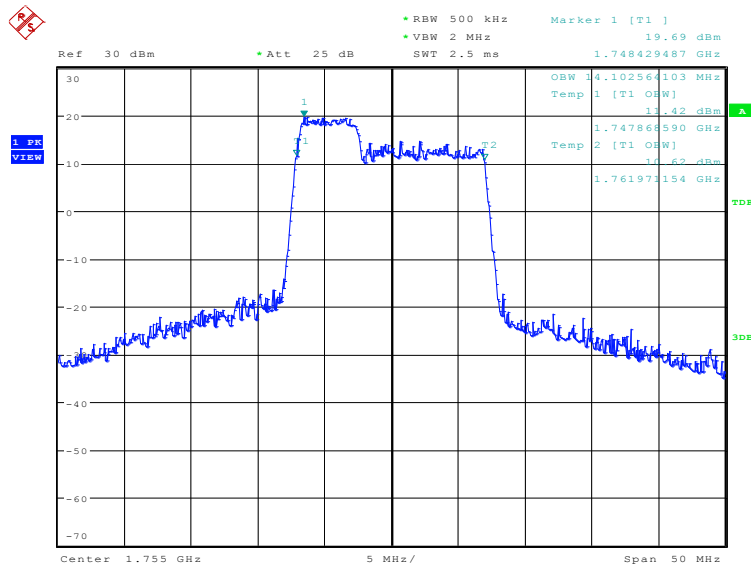
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	14102.56	14102.56

LTE CA Band 66B , 5MHz+10MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 08:15:41

LTE CA Band 66B , 5MHz+10MHz Bandwidth, 16QAM (99% BW)

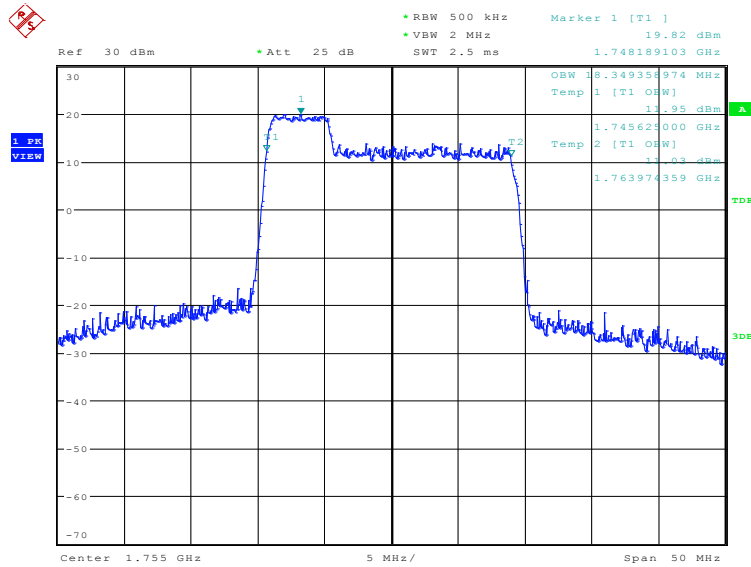


Date: 28.JUL.2021 08:16:51

LTE CA Band 66B , 5MHz+15MHz (99%)

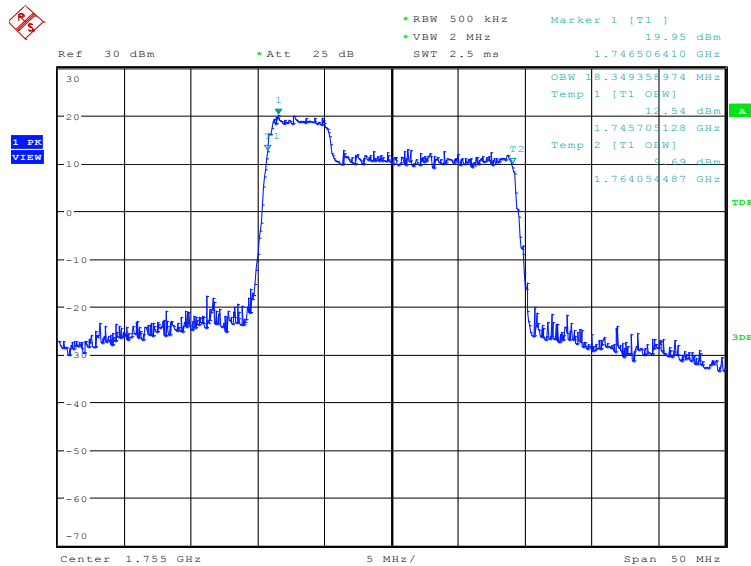
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	18349.36	18349.36

LTE CA Band 66B , 5MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 08:23:05

LTE CA Band 66B , 5MHz+15MHz Bandwidth, 16QAM (99% BW)

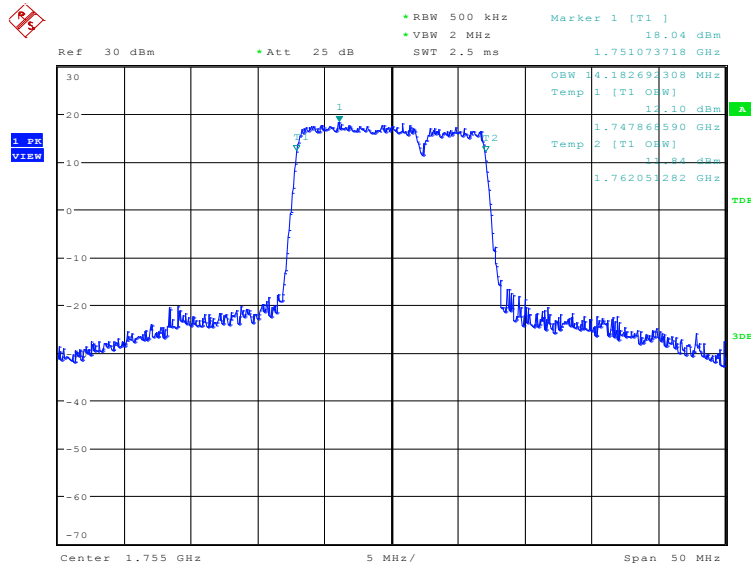


Date: 28.JUL.2021 08:24:12

LTE CA Band 66B , 10MHz+5MHz (99%)

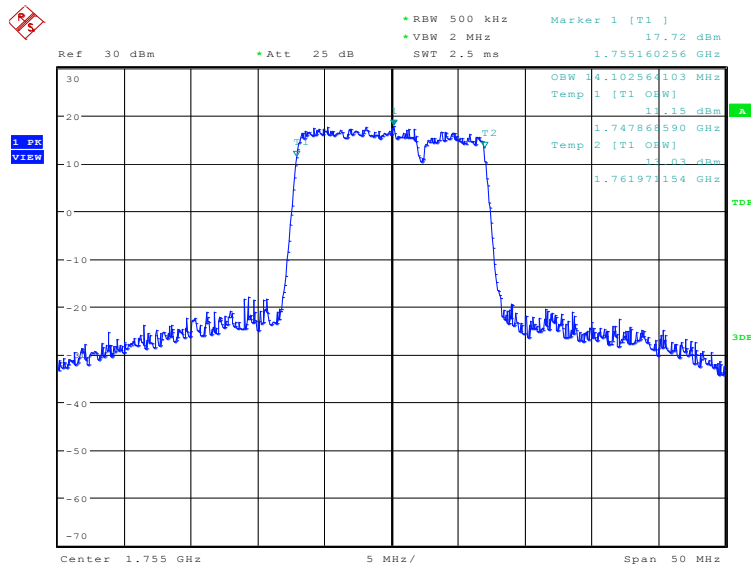
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	14182.69	14102.56

LTE CA Band 66B , 10MHz+5MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 08:18:47

LTE CA Band 66B , 10MHz+5MHz Bandwidth, 16QAM (99% BW)

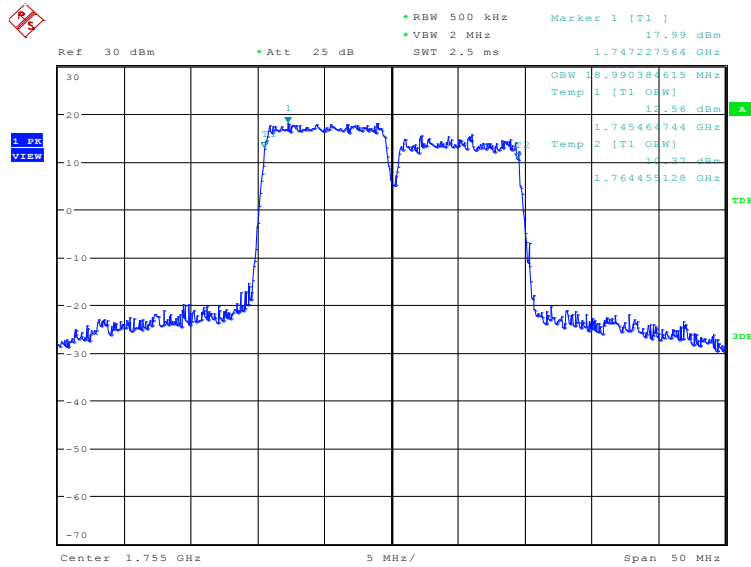


Date: 28.JUL.2021 08:19:55

LTE CA Band 66B , 10MHz+10MHz (99%)

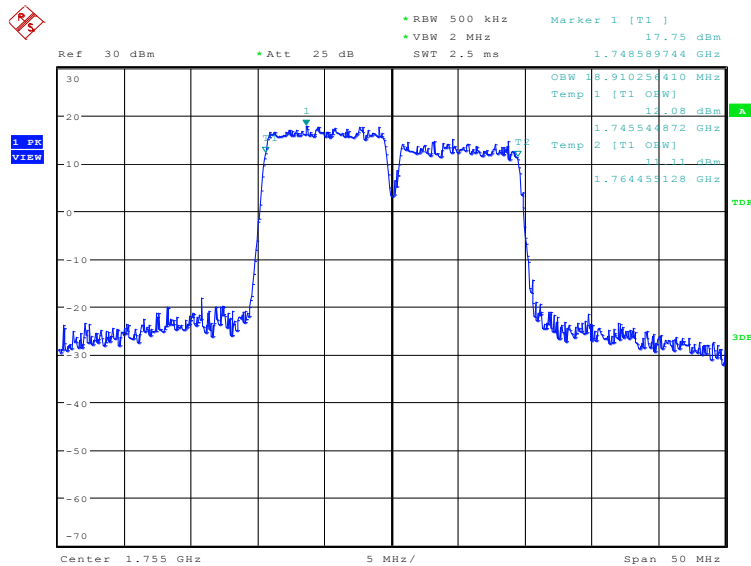
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	18990.38	18910.26

LTE CA Band 66B , 10MHz+10MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 08:32:54

LTE CA Band 66B , 10MHz+10MHz Bandwidth, 16QAM (99% BW)

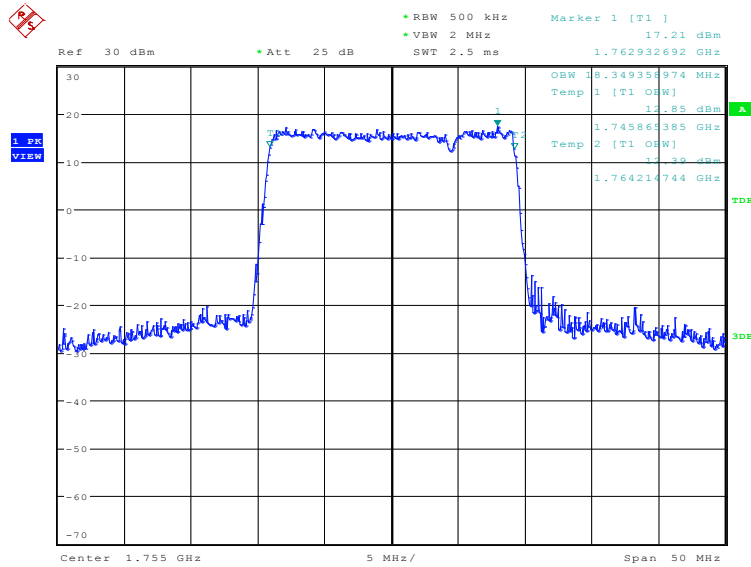


Date: 28.JUL.2021 08:34:25

LTE CA Band 66B , 15MHz+5MHz (99%)

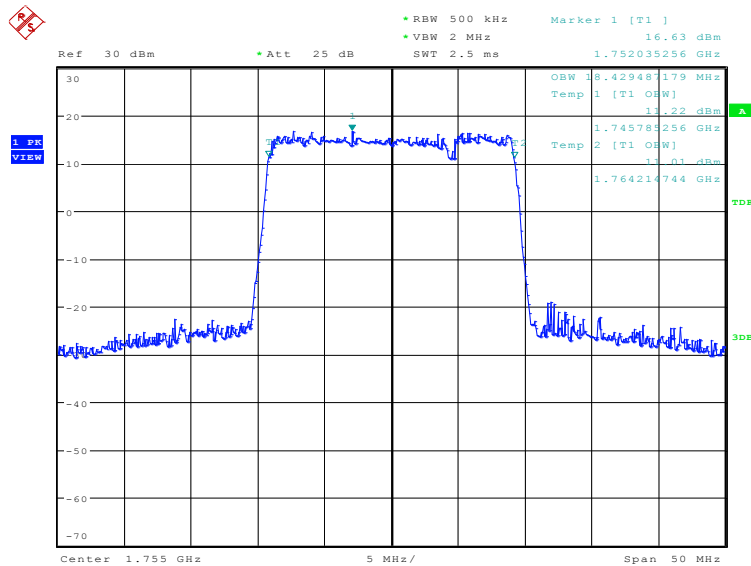
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	18349.36	18429.49

LTE CA Band 66B , 15MHz+5MHz Bandwidth, QPSK (99% BW)



Date: 28.JUL.2021 08:26:35

LTE CA Band 66B , 15MHz+5MHz Bandwidth, 16QAM (99% BW)

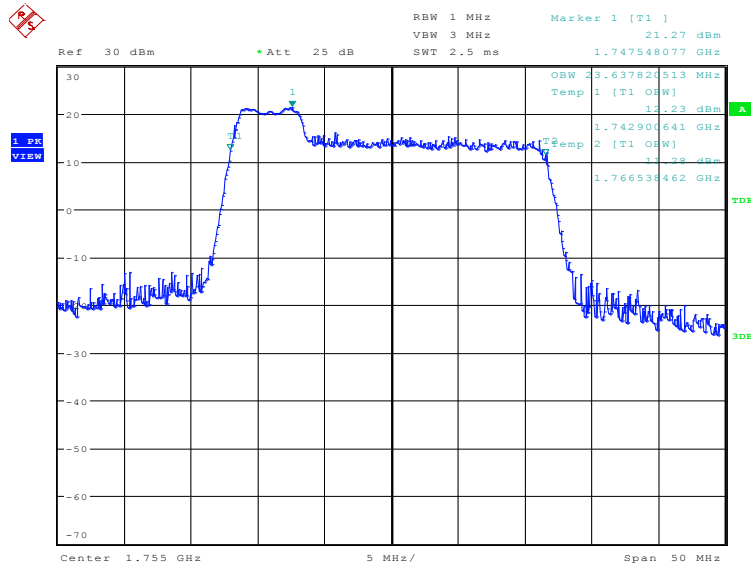


Date: 28.JUL.2021 08:27:50

LTE CA Band 66C , 5MHz+20MHz (99%)

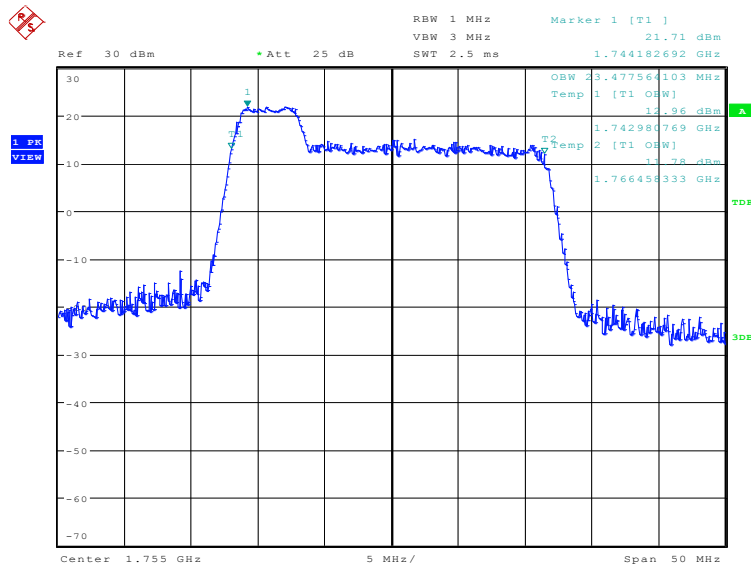
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	23637.82	23477.56

LTE CA Band 66C , 5MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 12:26:59

LTE CA Band 66C , 5MHz+20MHz Bandwidth, 16QAM (99% BW)

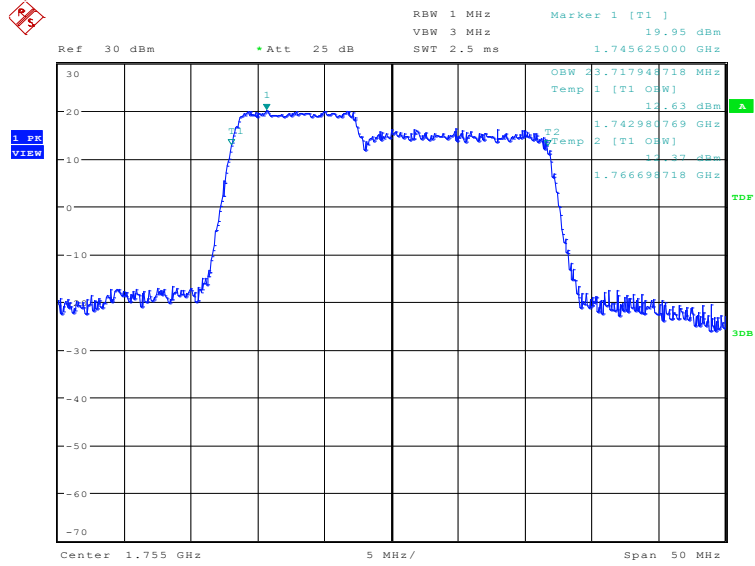


Date: 27.JUL.2021 12:28:17

LTE CA Band 66C , 10MHz+15MHz (99%)

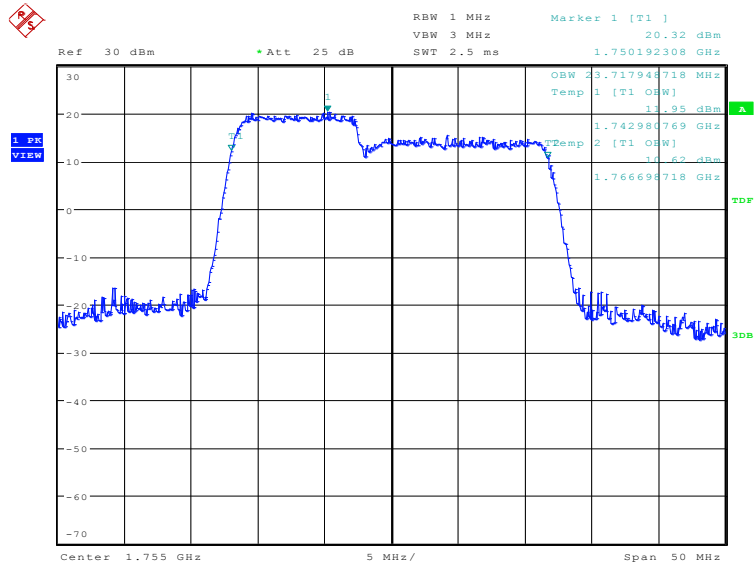
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	23717.95	23717.95

LTE CA Band 66C , 10MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 09:39:13

LTE CA Band 66C , 10MHz+15MHz Bandwidth, 16QAM (99% BW)

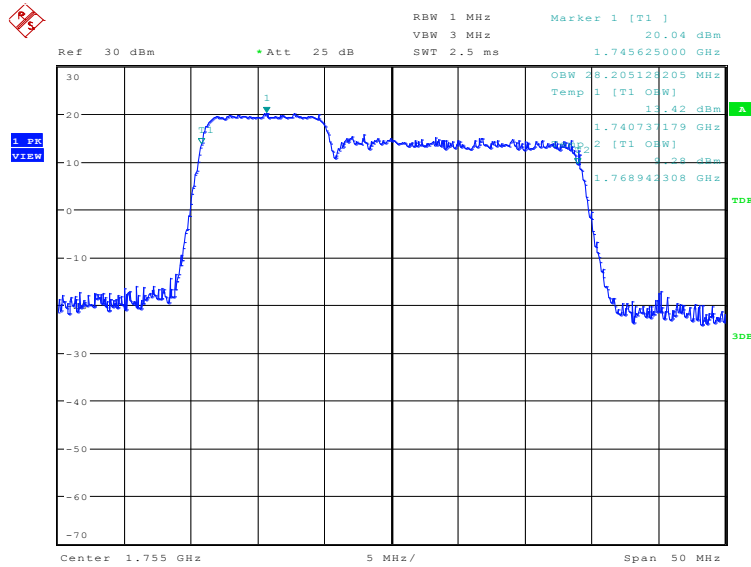


Date: 27.JUL.2021 09:40:22

LTE CA Band 66C , 10MHz+20MHz (99%)

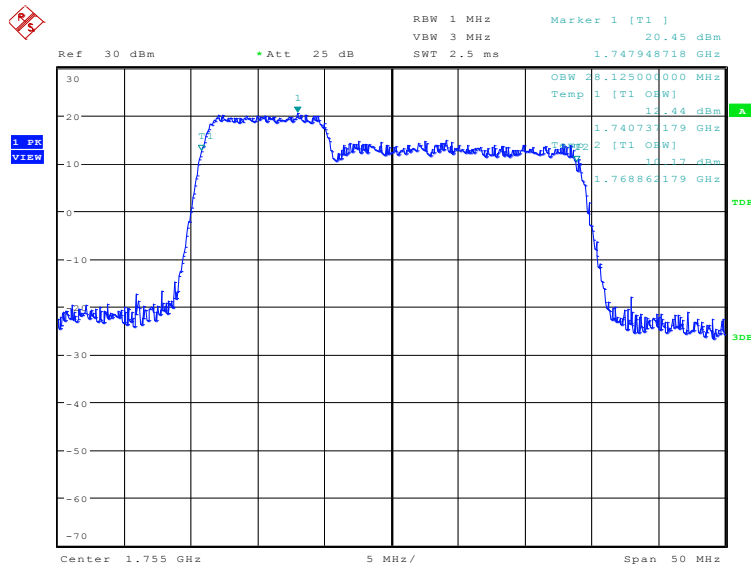
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	28205.13	28125.00

LTE CA Band 66C , 10MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 11:45:41

LTE CA Band 66C , 10MHz+20MHz Bandwidth, 16QAM (99% BW)

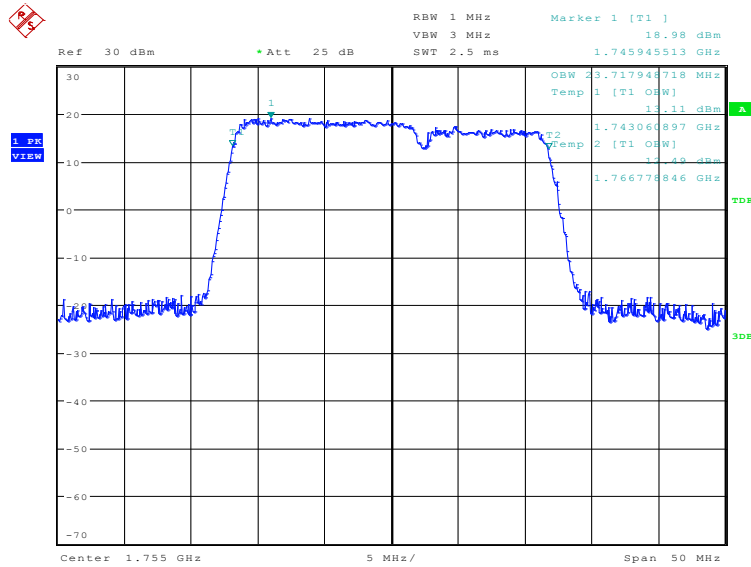


Date: 27.JUL.2021 11:46:55

LTE CA Band 66C , 15MHz+10MHz (99%)

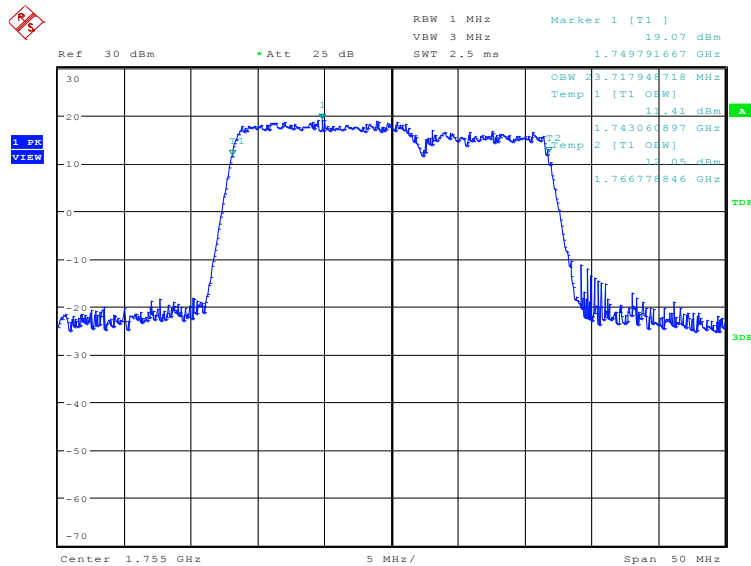
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	23717.95	23717.95

LTE CA Band 66C , 15MHz+10MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 09:44:45

LTE CA Band 66C , 15MHz+10MHz Bandwidth, 16QAM (99% BW)

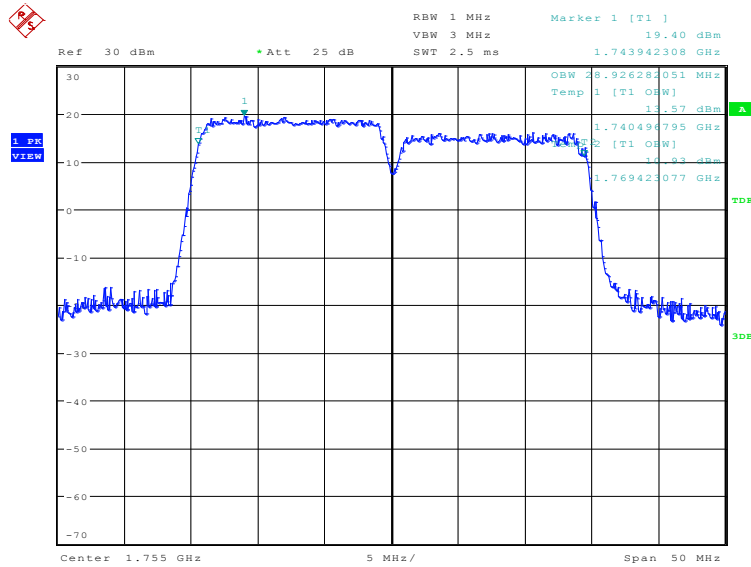


Date: 27.JUL.2021 09:46:31

LTE CA Band 66C , 15MHz+15MHz (99%)

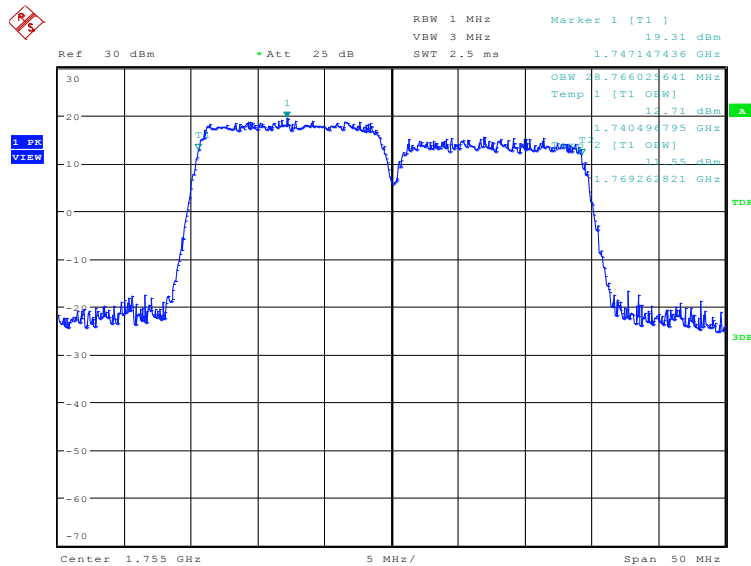
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	28926.28	28766.03

LTE CA Band 66C , 15MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 11:54:55

LTE CA Band 66C , 15MHz+15MHz Bandwidth, 16QAM (99% BW)

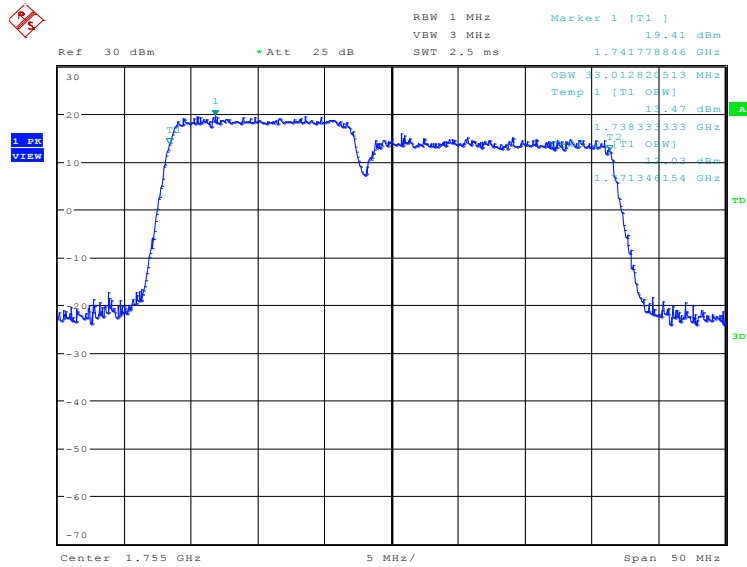


Date: 27.JUL.2021 11:56:45

LTE CA Band 66C , 15MHz+20MHz (99%)

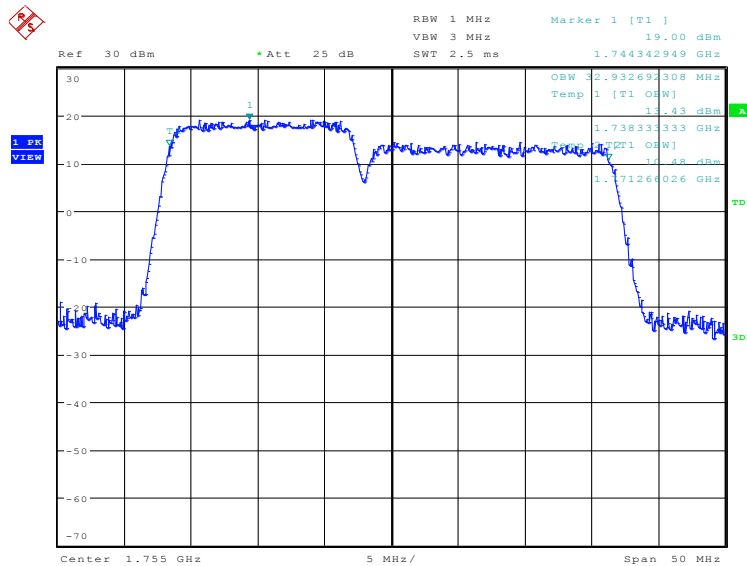
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	33012.82	32932.69

LTE CA Band 66C , 15MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 12:01:07

LTE CA Band 66C , 15MHz+20MHz Bandwidth, 16QAM (99% BW)

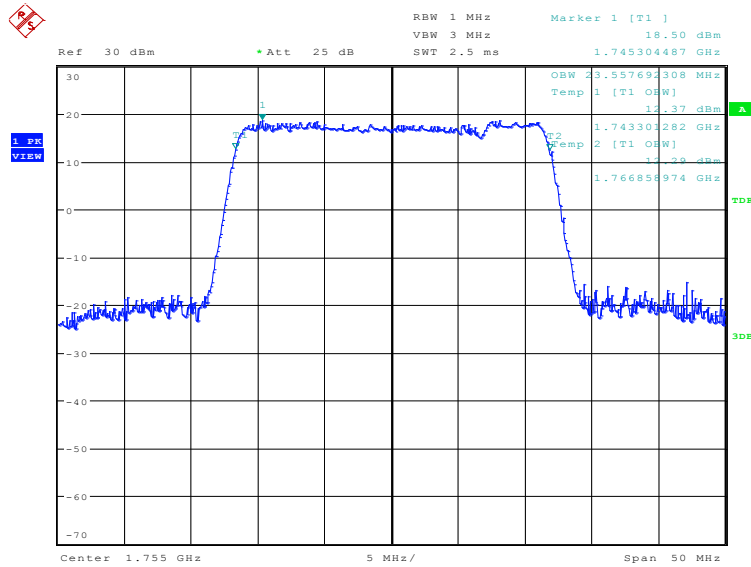


Date: 27.JUL.2021 12:02:23

LTE CA Band 66C , 20MHz+5MHz (99%)

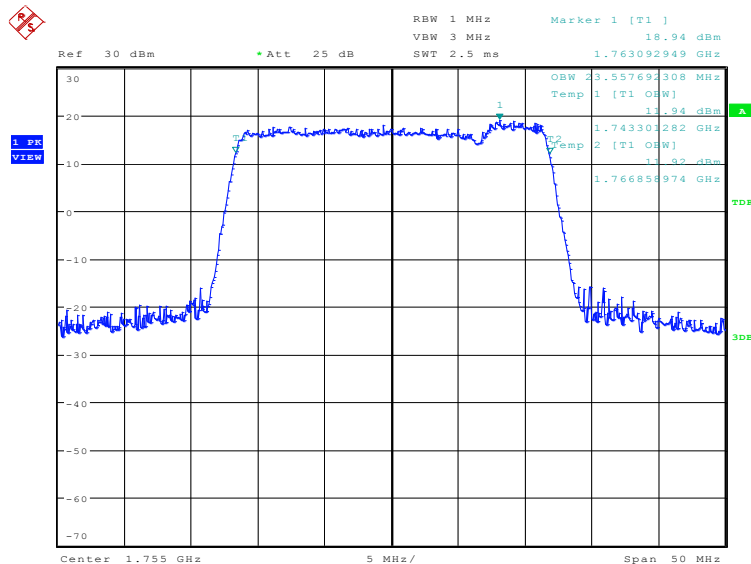
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	23557.69	23557.69

LTE CA Band 66C , 20MHz+5MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 12:15:44

LTE CA Band 66C , 20MHz+5MHz Bandwidth, 16QAM (99% BW)

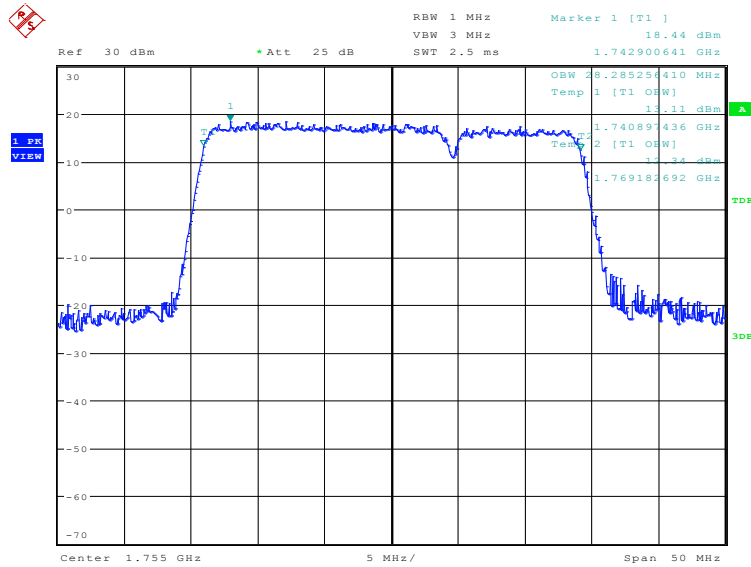


Date: 27.JUL.2021 12:18:15

LTE CA Band 66C , 20MHz+10MHz (99%)

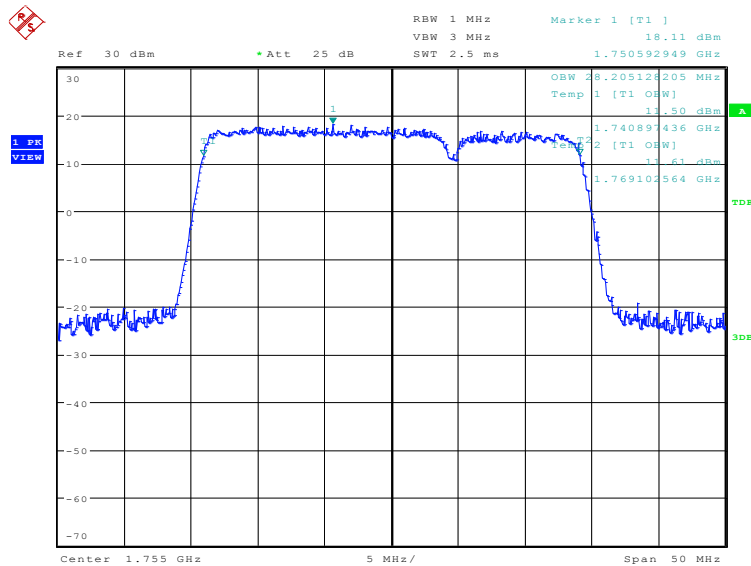
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	28285.26	28205.13

LTE CA Band 66C , 20MHz+10MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 11:49:17

LTE CA Band 66C , 20MHz+10MHz Bandwidth, 16QAM (99% BW)

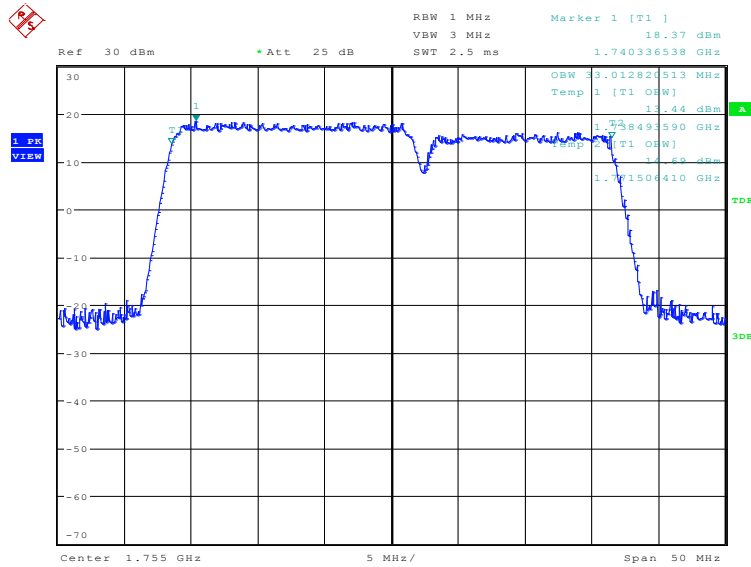


Date: 27.JUL.2021 11:50:25

LTE CA Band 66C , 20MHz+15MHz (99%)

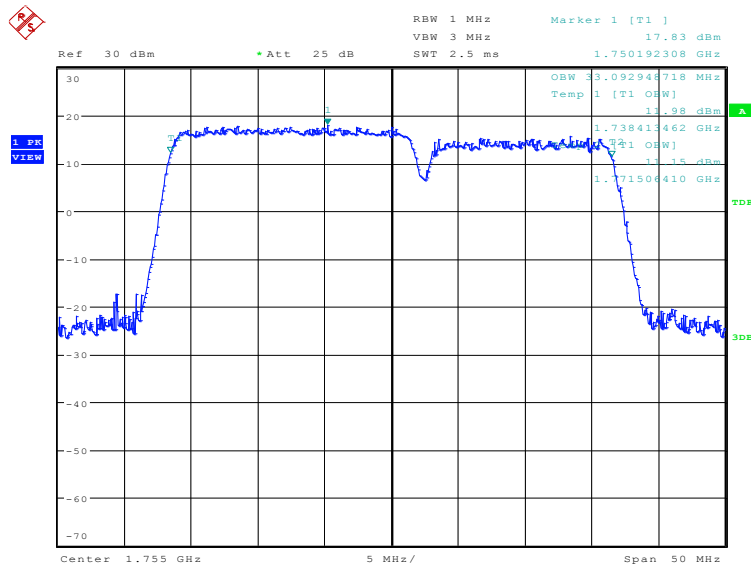
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	33012.82	33092.95

LTE CA Band 66C , 20MHz+15MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 12:05:13

LTE CA Band 66C , 20MHz+15MHz Bandwidth, 16QAM (99% BW)

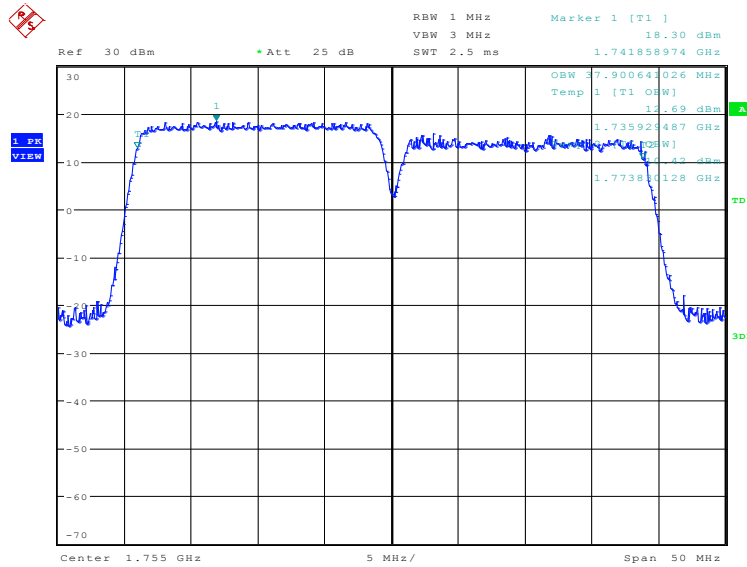


Date: 27.JUL.2021 12:13:53

LTE CA Band 66C , 20MHz+20MHz (99%)

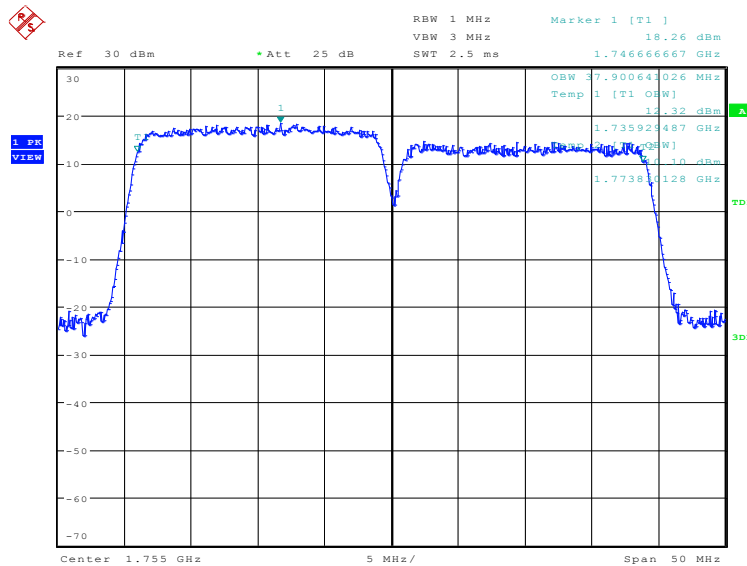
Frequency(MHz)	Occupied Bandwidth (99%)(KHz)	
1755.0	QPSK	16QAM
	37900.64	37900.64

LTE CA Band 66C , 20MHz+20MHz Bandwidth, QPSK (99% BW)



Date: 27.JUL.2021 12:32:35

LTE CA Band 66C , 20MHz+20MHz Bandwidth, 16QAM (99% BW)



Date: 27.JUL.2021 12:37:31

A.5 Emission Bandwidth

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.

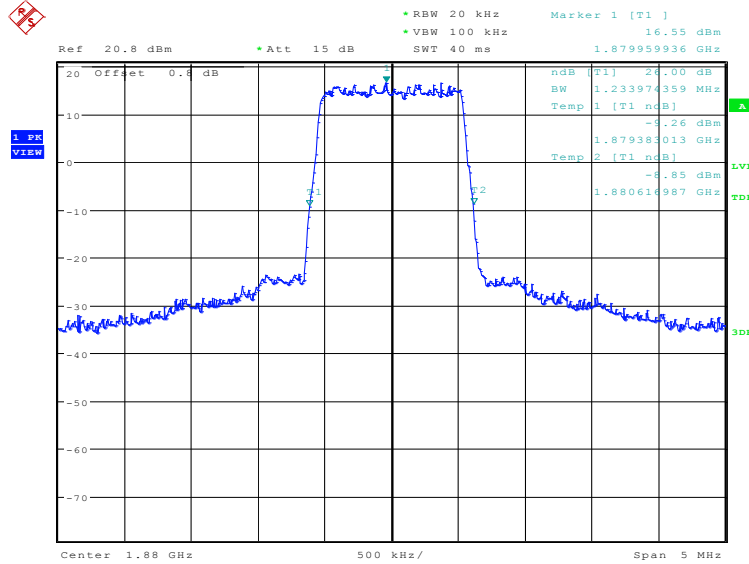
The measurement method is from ANSI C63.26:

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b) The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation.
- d) The dynamic range of the spectrum analyzer at the selected RBW shall be more than 10 dB below the target “-X dB” requirement, i.e., if the requirement calls for measuring the -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be at least 36 dB below the reference level.
- e) Set spectrum analyzer detection mode to peak, and the trace mode to max hold.

LTE band 2, 1.4MHz (-26dBc)

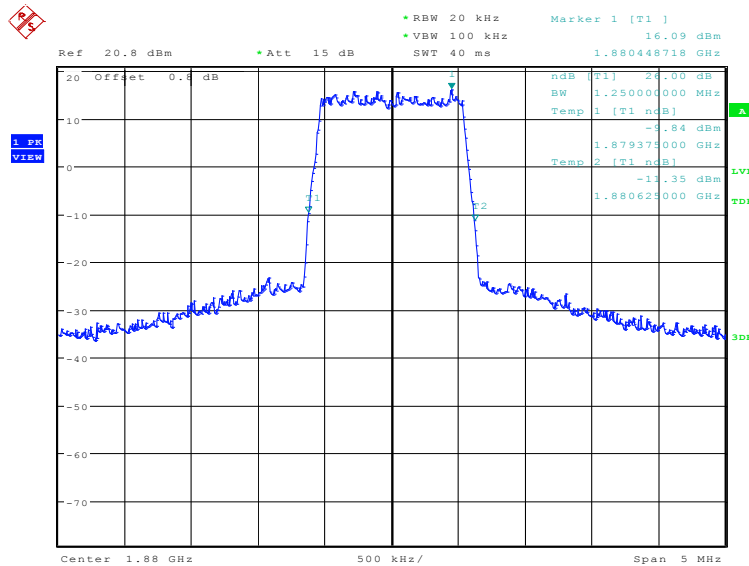
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1880.0	QPSK	16QAM
	1233.97	1250.00

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



Date: 18.AUG.2021 16:36:10

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

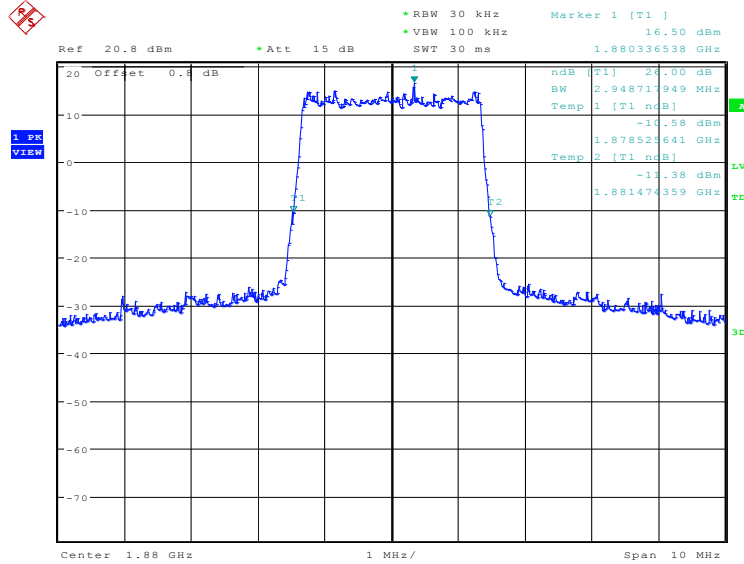


Date: 18.AUG.2021 16:36:50

LTE band 2, 3MHz (-26dBc)

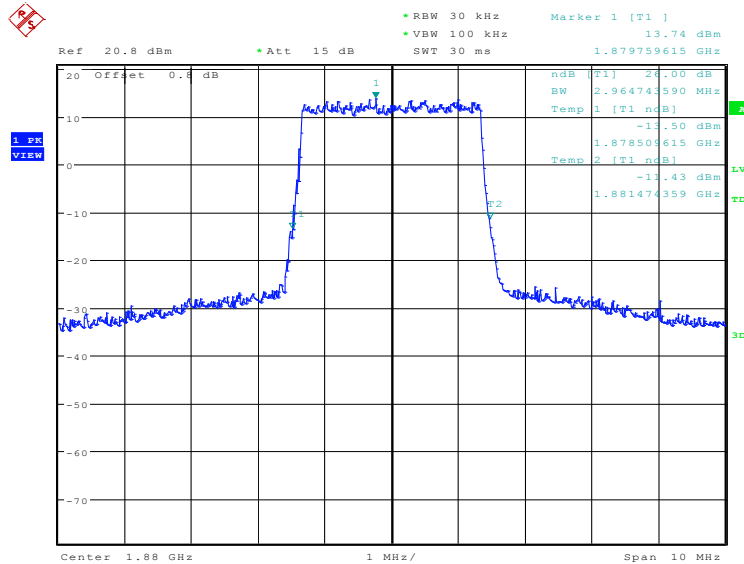
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1880.0	QPSK	16QAM
	2948.72	2964.74

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



Date: 18.AUG.2021 16:37:32

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

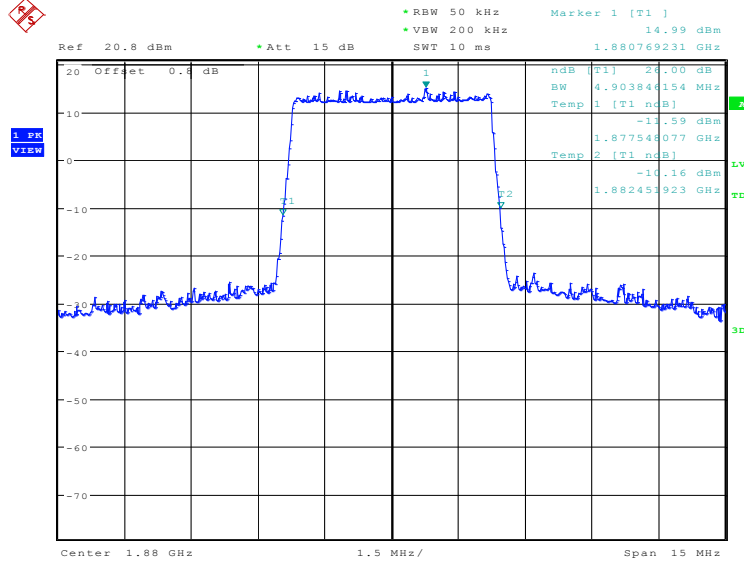


Date: 18.AUG.2021 16:38:12

LTE band 2, 5MHz (-26dBc)

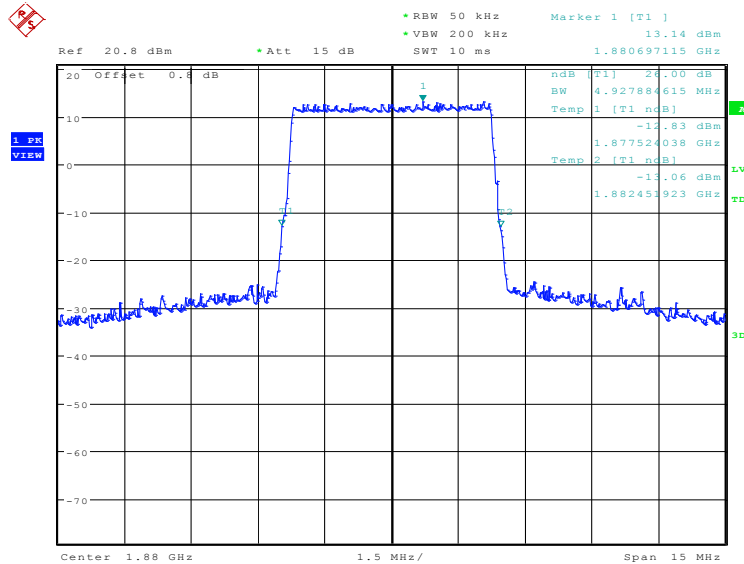
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1880.0	QPSK	16QAM
	4903.85	4927.88

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



Date: 18.AUG.2021 16:38:55

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

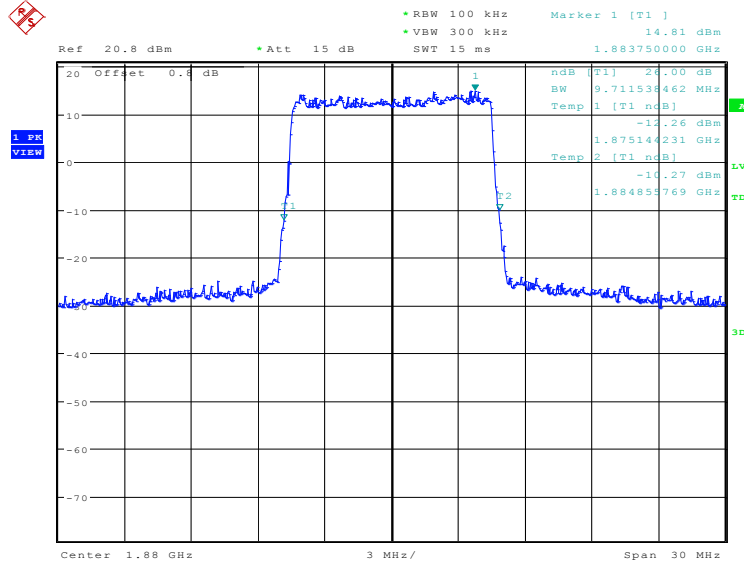


Date: 18.AUG.2021 16:39:34

LTE band 2, 10MHz (-26dBc)

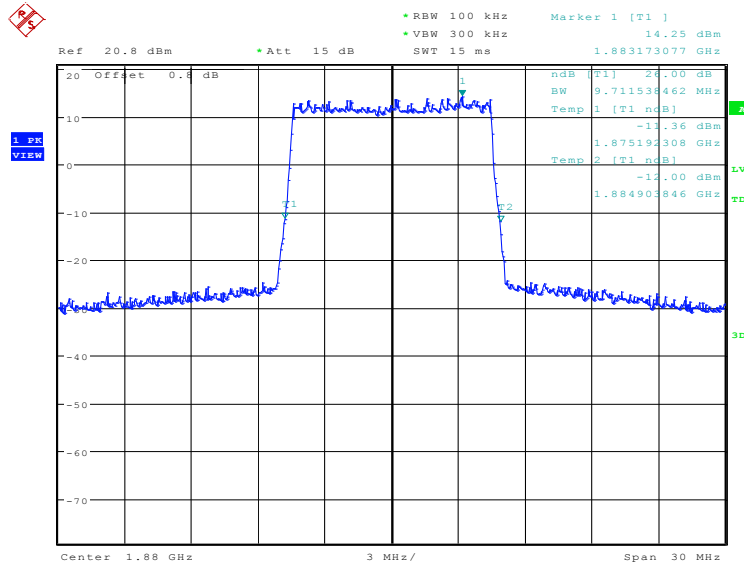
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1880.0	QPSK	16QAM
	9711.54	9711.54

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



Date: 18.AUG.2021 16:40:17

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

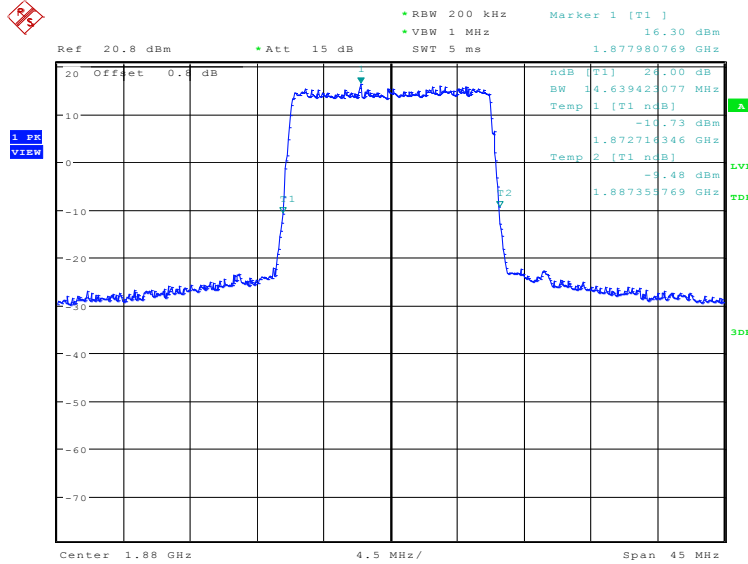


Date: 18.AUG.2021 16:40:56

LTE band 2, 15MHz (-26dBc)

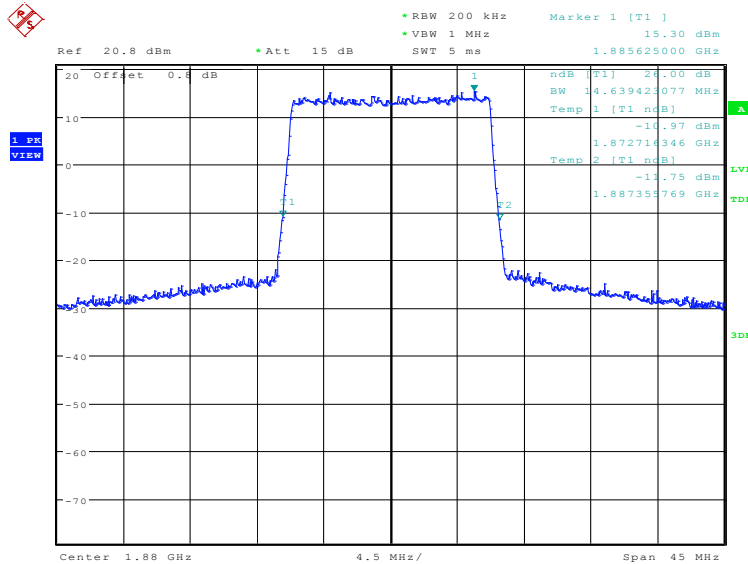
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1880.0	QPSK	16QAM
	14639.42	14639.42

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



Date: 18.AUG.2021 16:41:39

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

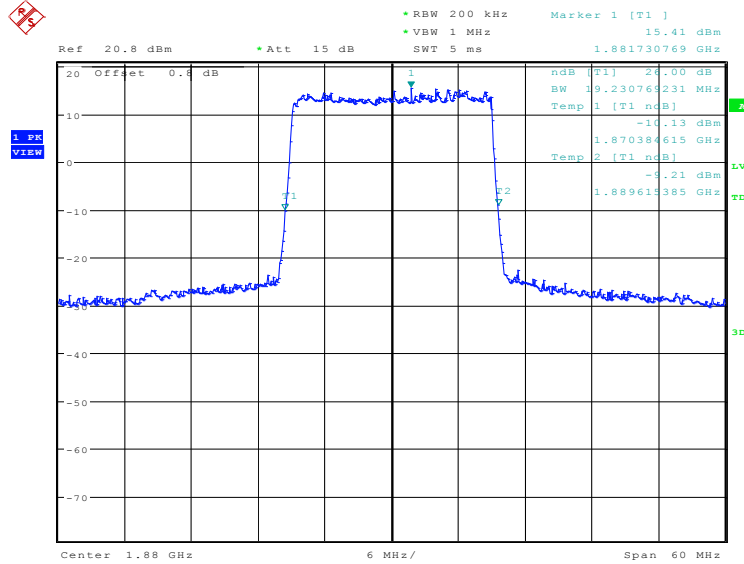


Date: 18.AUG.2021 16:42:19

LTE band 2, 20MHz (-26dBc)

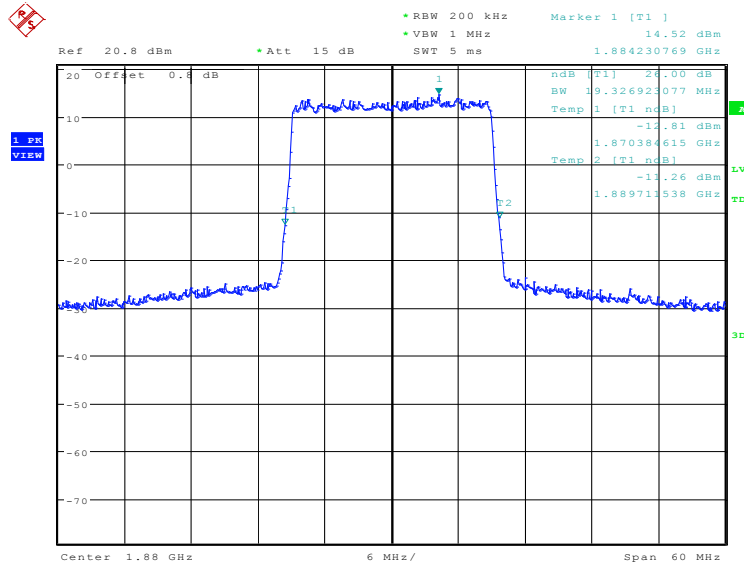
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1880.0	QPSK	16QAM
	19230.77	19326.92

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



Date: 18.AUG.2021 16:43:01

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

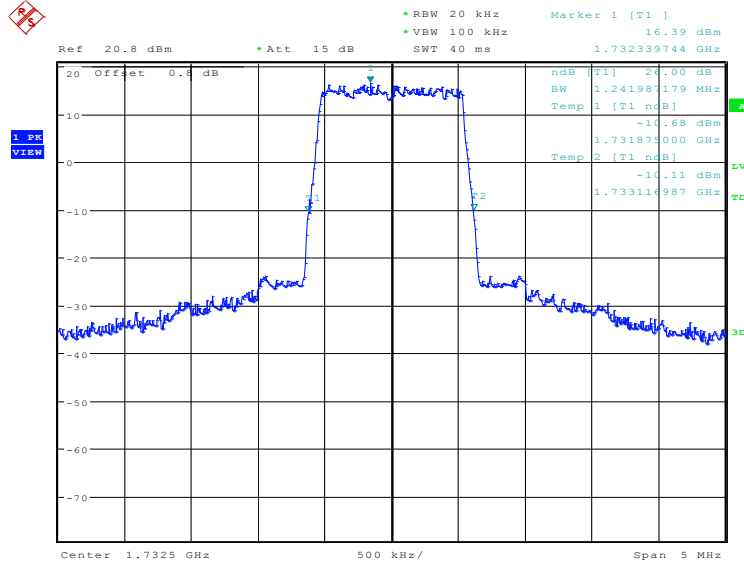


Date: 18.AUG.2021 16:43:41

LTE band 4, 1.4MHz (-26dBc)

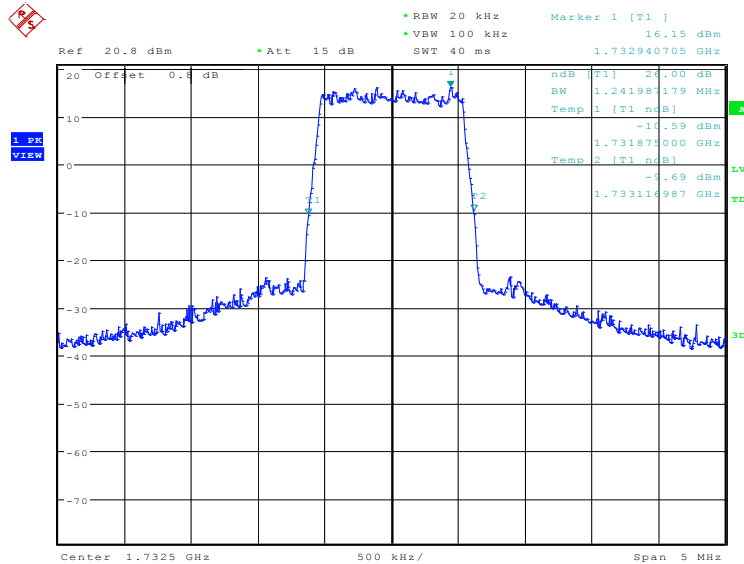
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1732.5	QPSK	16QAM
	1241.99	1241.99

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



Date: 18.AUG.2021 16:44:26

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

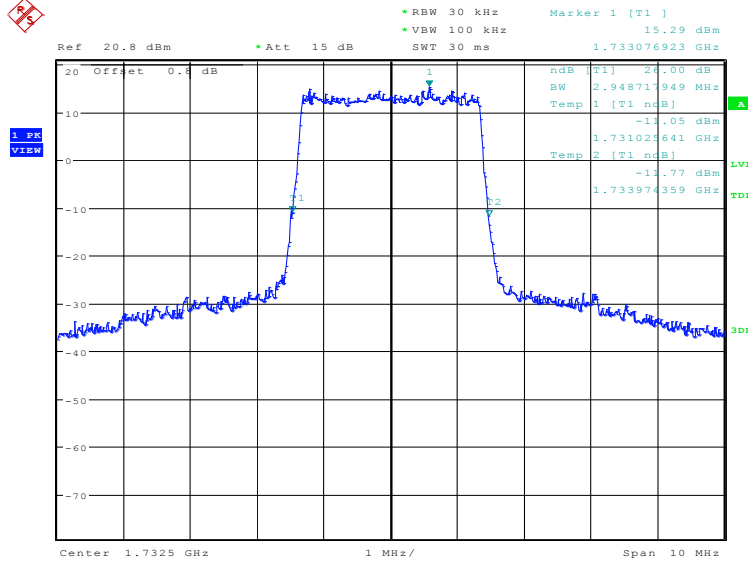


Date: 18.AUG.2021 16:45:06

LTE band 4, 3MHz (-26dBc)

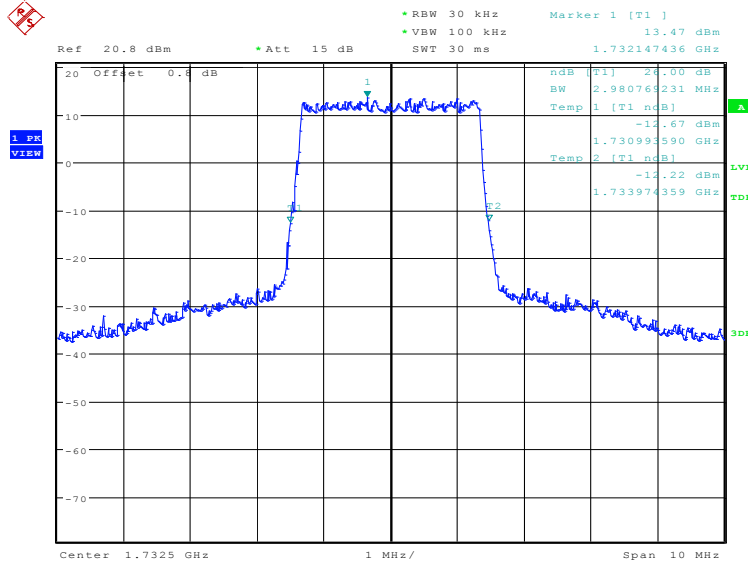
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1732.5	QPSK	16QAM
	2948.72	2980.77

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



Date: 18.AUG.2021 16:45:48

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

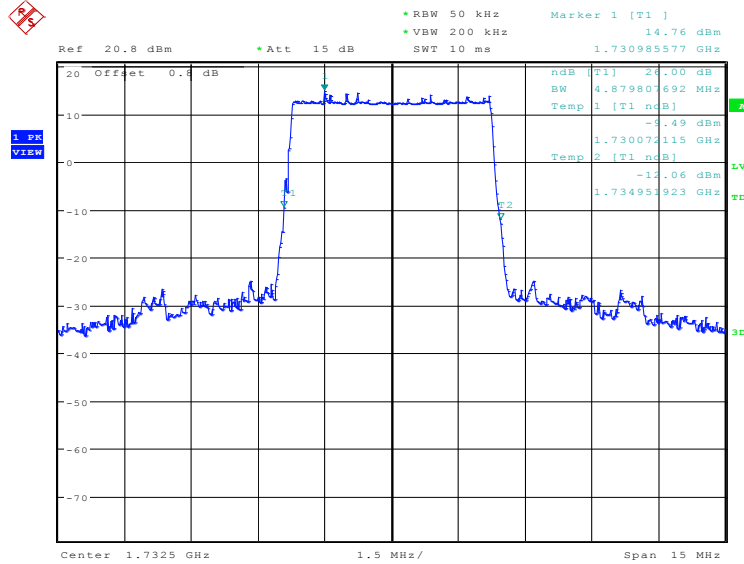


Date: 18.AUG.2021 16:46:28

LTE band 4, 5MHz (-26dBc)

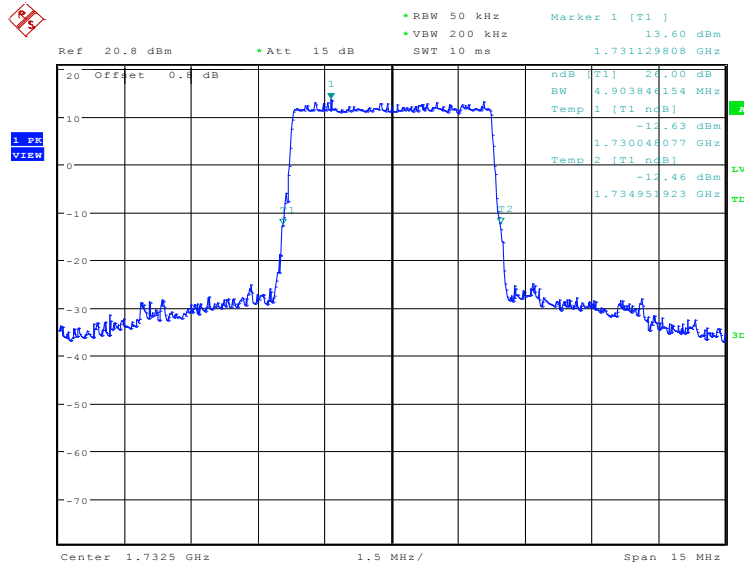
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1732.5	QPSK	16QAM
	4879.81	4903.85

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



Date: 18.AUG.2021 16:47:11

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

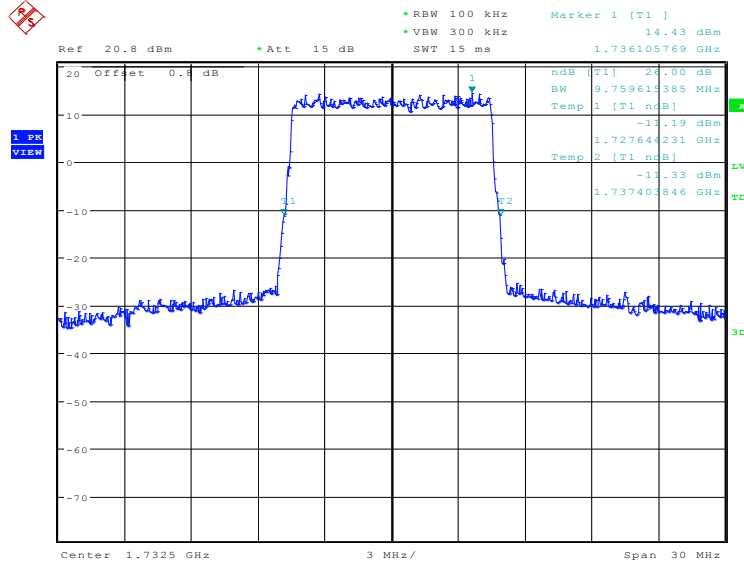


Date: 18.AUG.2021 16:47:50

LTE band 4, 10MHz (-26dBc)

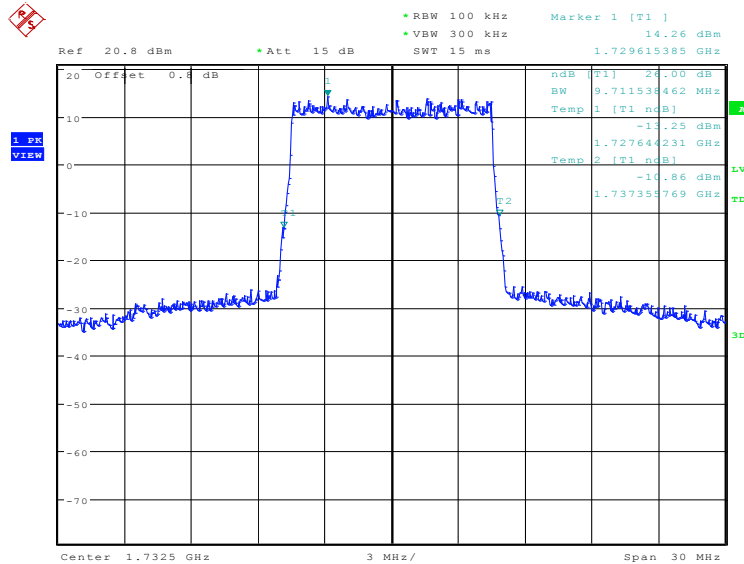
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1732.5	QPSK	16QAM
	9759.62	9711.54

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



Date: 18.AUG.2021 16:48:33

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



Date: 18.AUG.2021 16:49:12