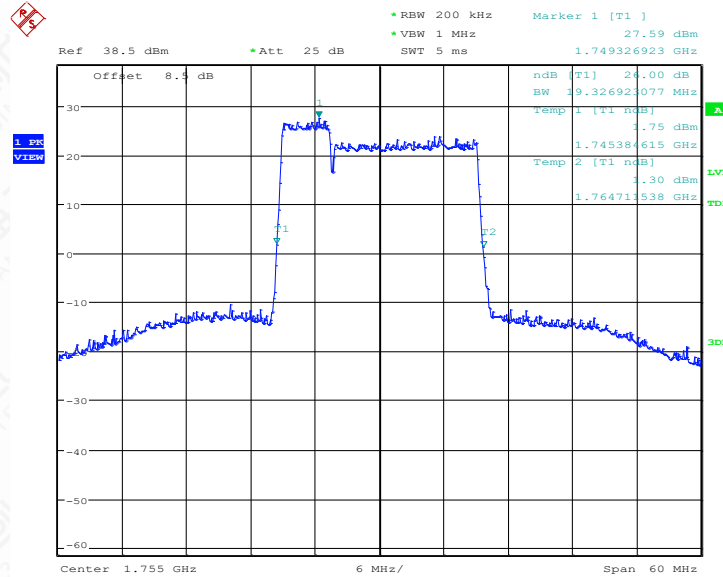


LTE CA band 66,5MHz+15MHz(-26dBc)

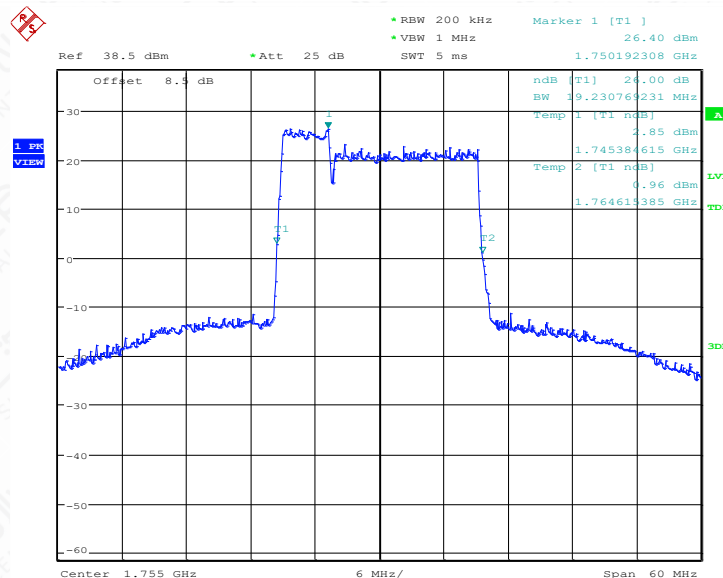
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	19.327	19.231	19.327

LTE CA band 66 , 5MHz+15MHz Bandwidth,QPSK (-26dBc BW)



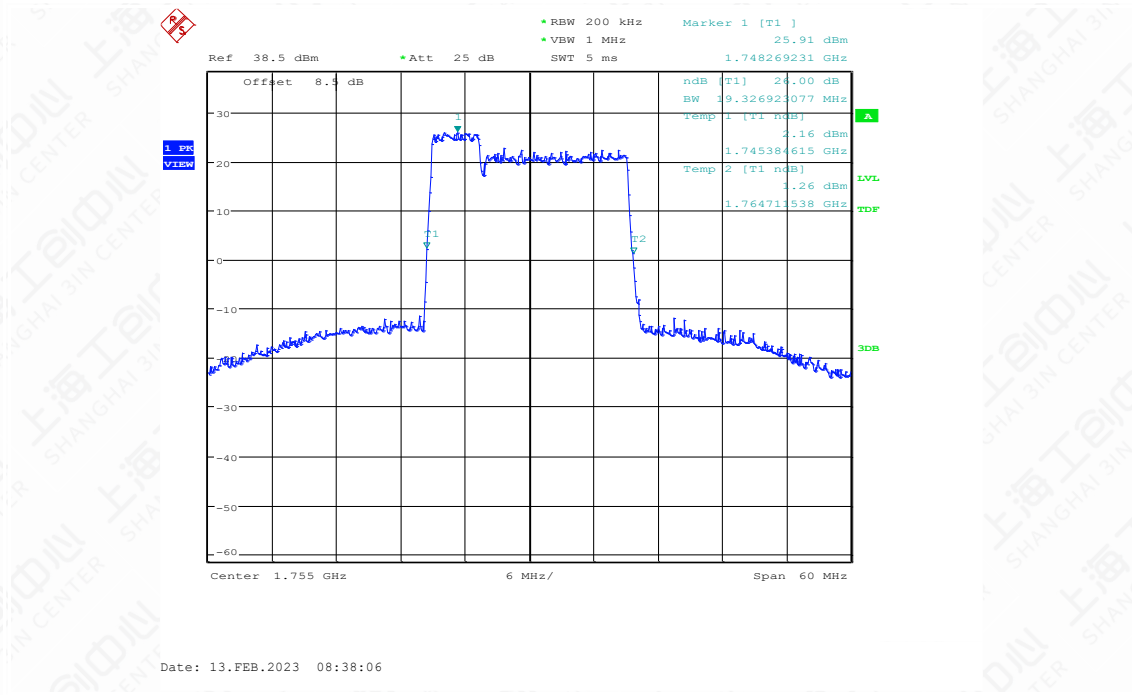
Date: 13.FEB.2023 08:37:17

LTE CA band N66 , 5MHz+15MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 08:37:39

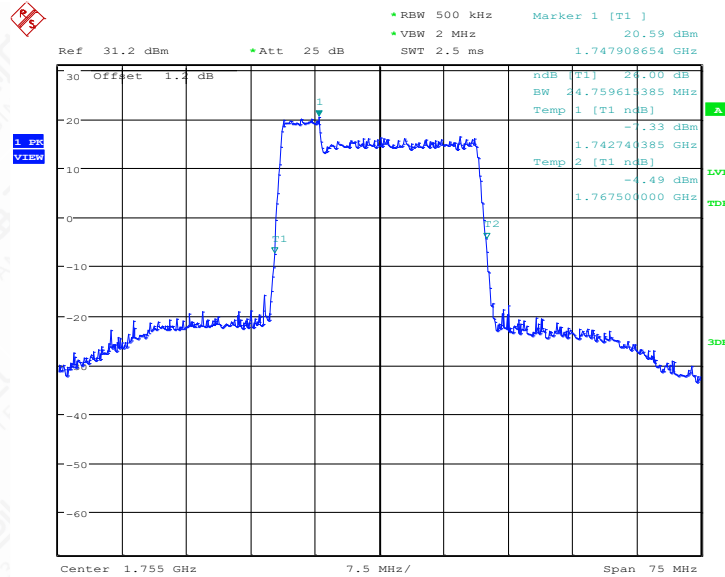
LTE CA band 66 , 5MHz+15MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,5MHz+20MHz(-26dBc)

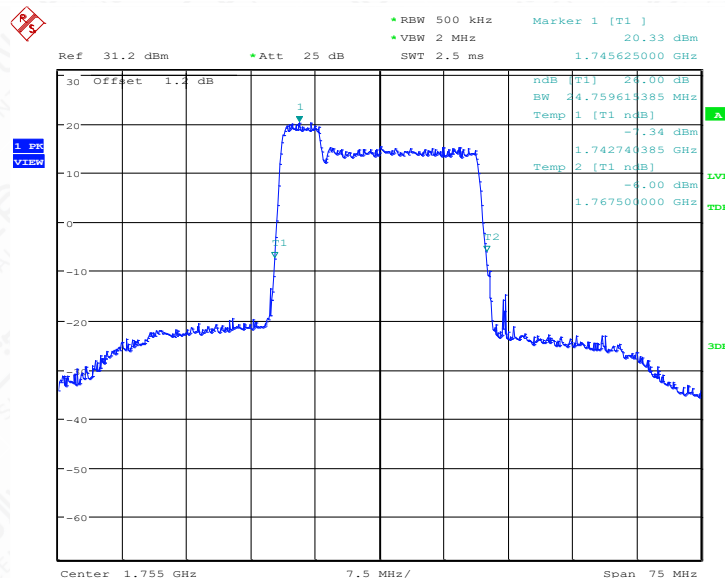
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	24.760	24.760	24.760

LTE CA band 66 , 5MHz+20MHz Bandwidth,QPSK (-26dBc BW)



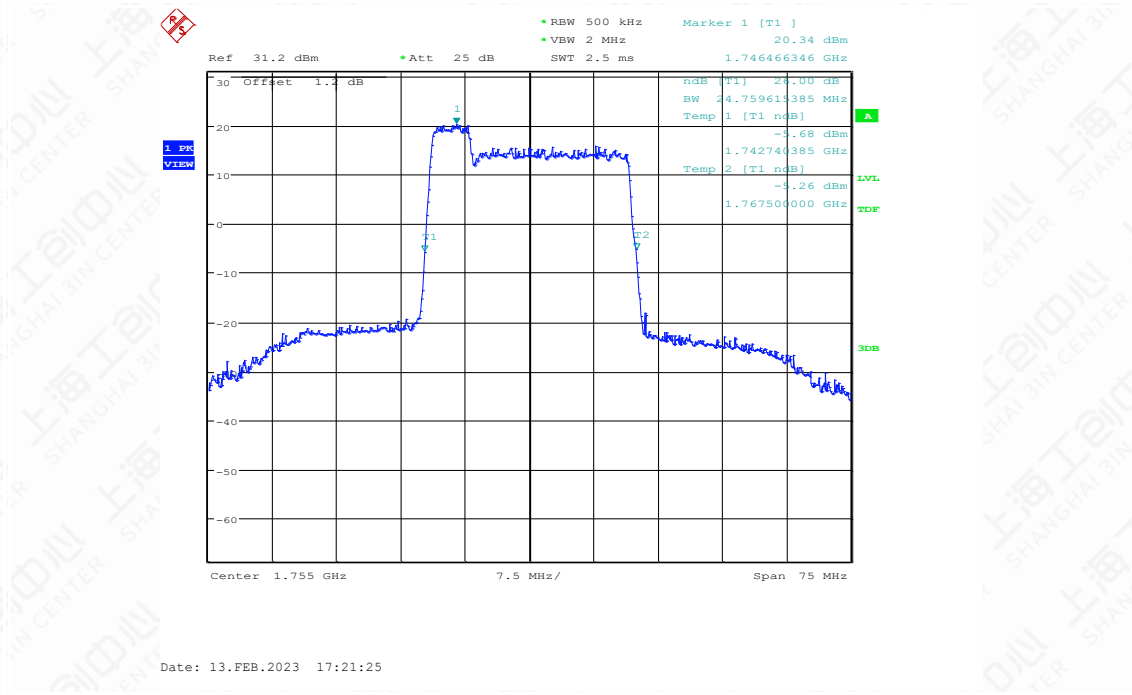
Date: 13.FEB.2023 17:20:25

LTE CA band N66 , 5MHz+20MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:20:51

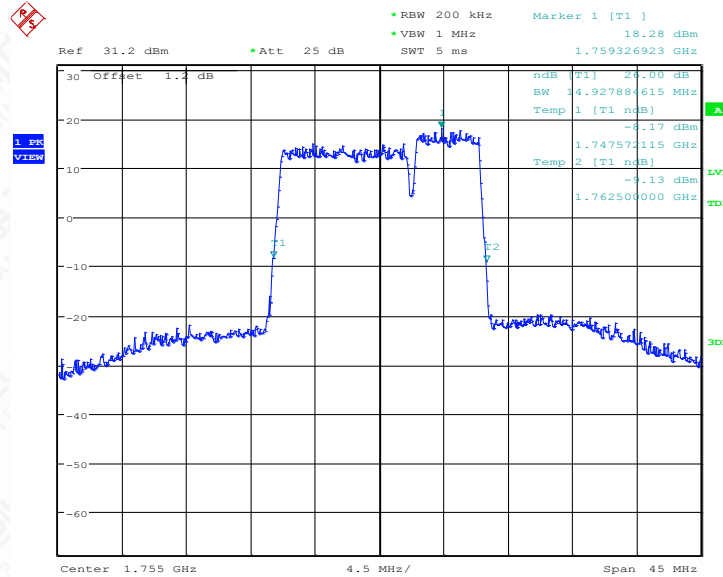
LTE CA band 66 , 5MHz+20MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,10MHz+5MHz(-26dBc)

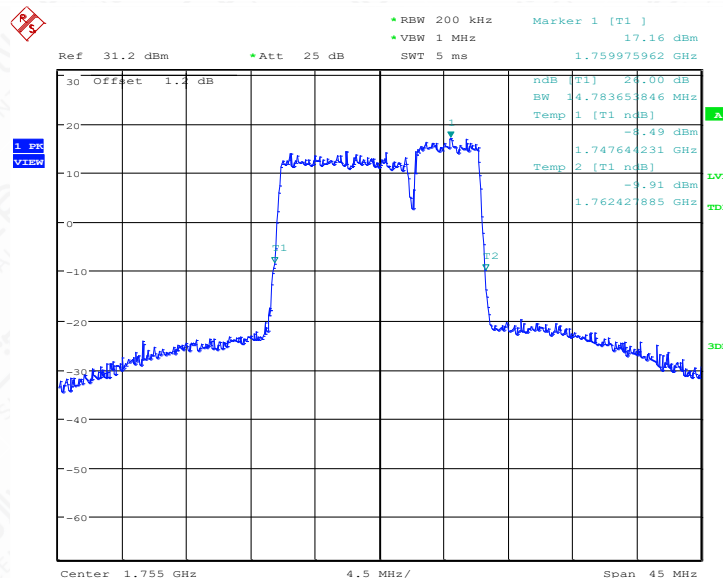
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	14.928	14.784	14.856

LTE CA band 66 , 10MHz+5MHz Bandwidth,QPSK (-26dB BW)



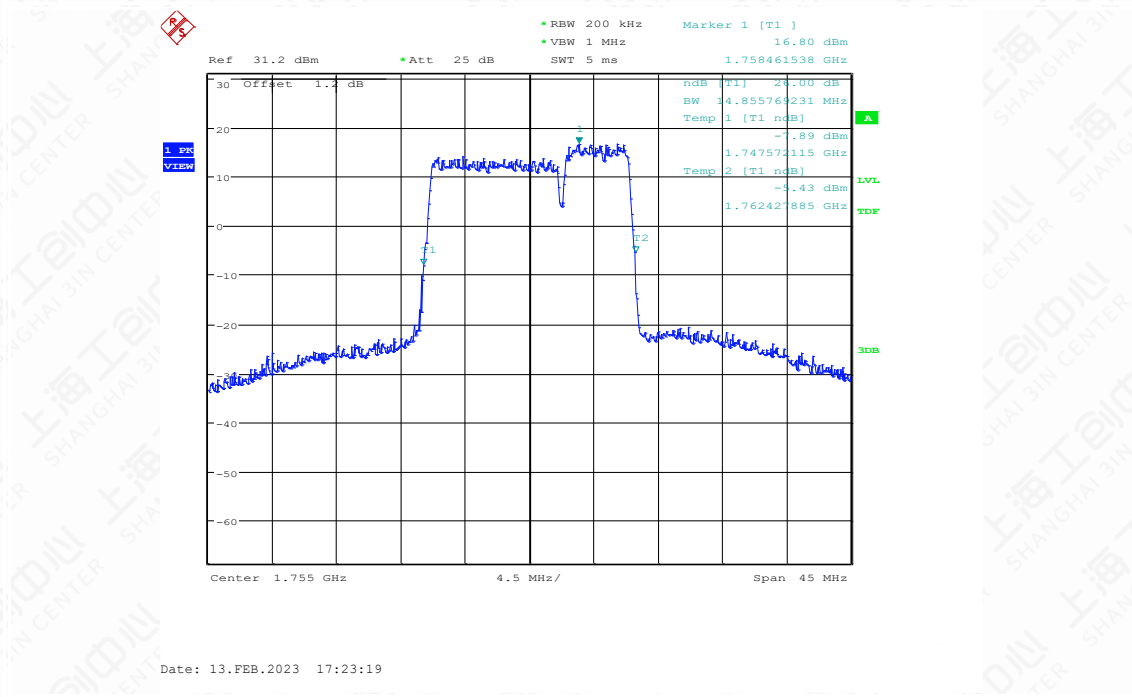
Date: 13.FEB.2023 17:22:29

LTE CA band N66 , 10MHz+5MHz Bandwidth,16QAM (-26dB BW)



Date: 13.FEB.2023 17:22:52

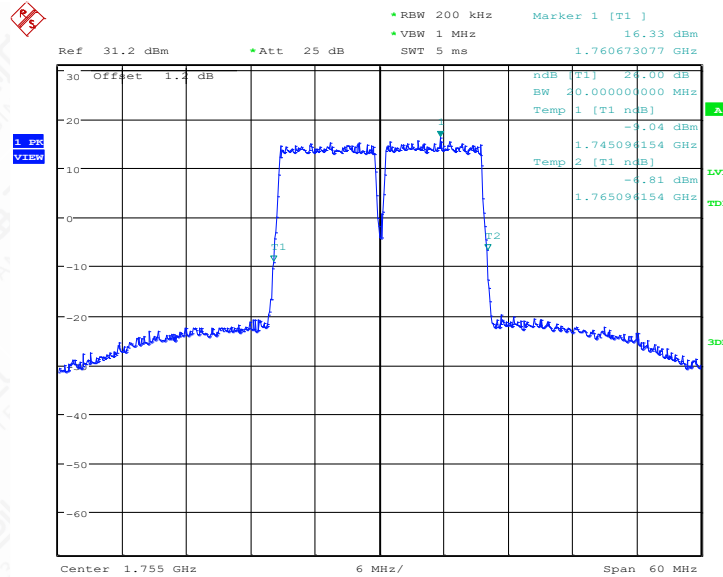
LTE CA band 66 , 10MHz+5MHz Bandwidth,64QAM (-26dB BW)



LTE CA band 66,10MHz+10MHz(-26dBc)

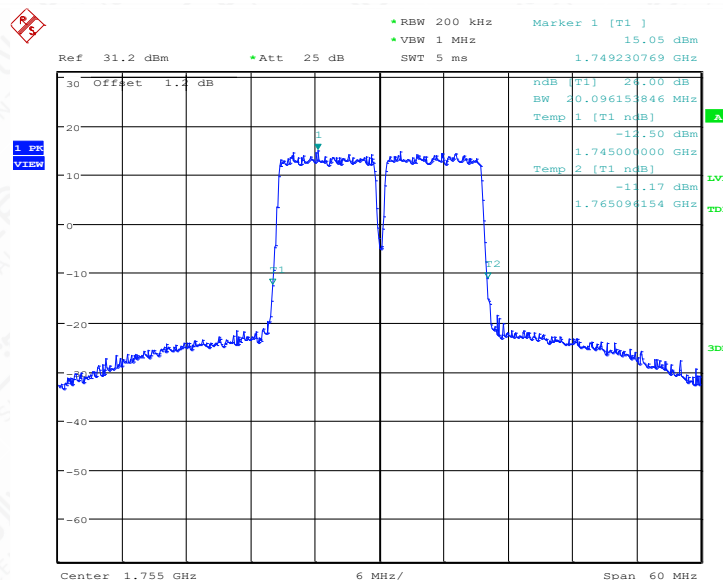
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	20.000	20.096	20.000

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



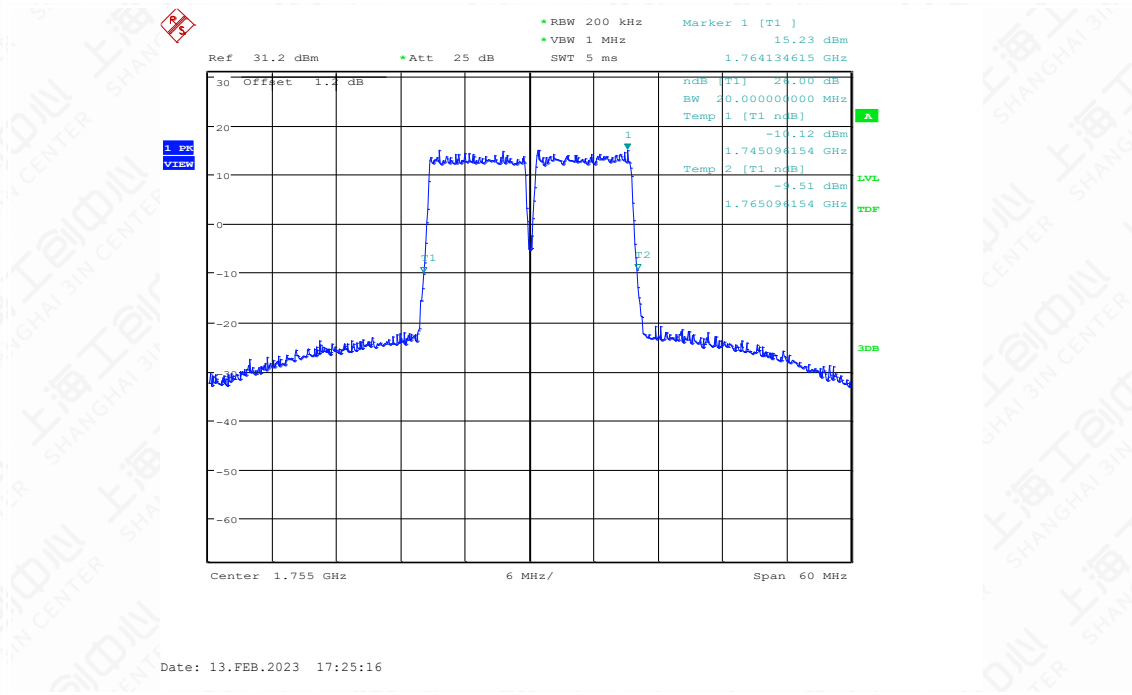
Date: 13.FEB.2023 17:24:27

LTE CA band N66 , 10MHz+10MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:24:49

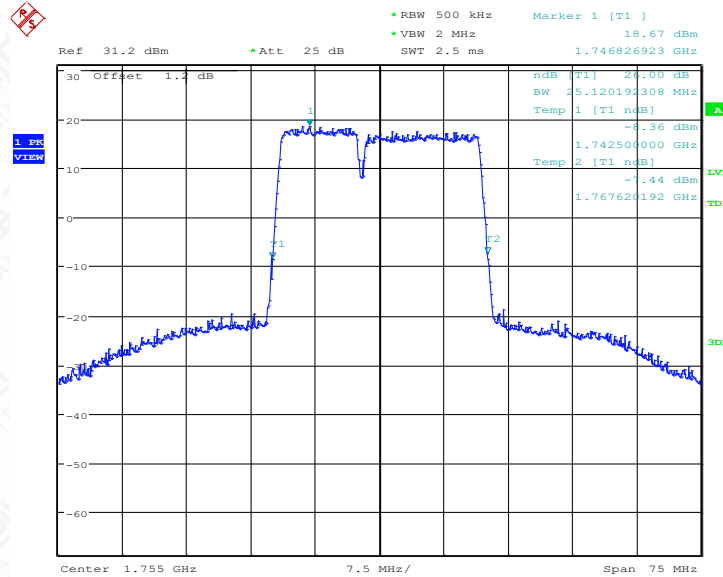
LTE CA band 66 , 10MHz+10MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,10MHz+15MHz(-26dBc)

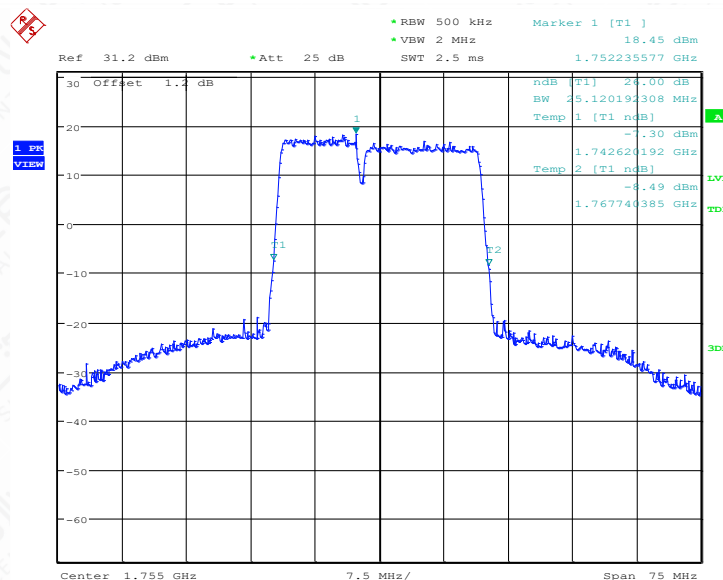
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	25.120	25.120	25.240

LTE CA band 66 , 10MHz+15MHz Bandwidth,QPSK (-26dBc BW)



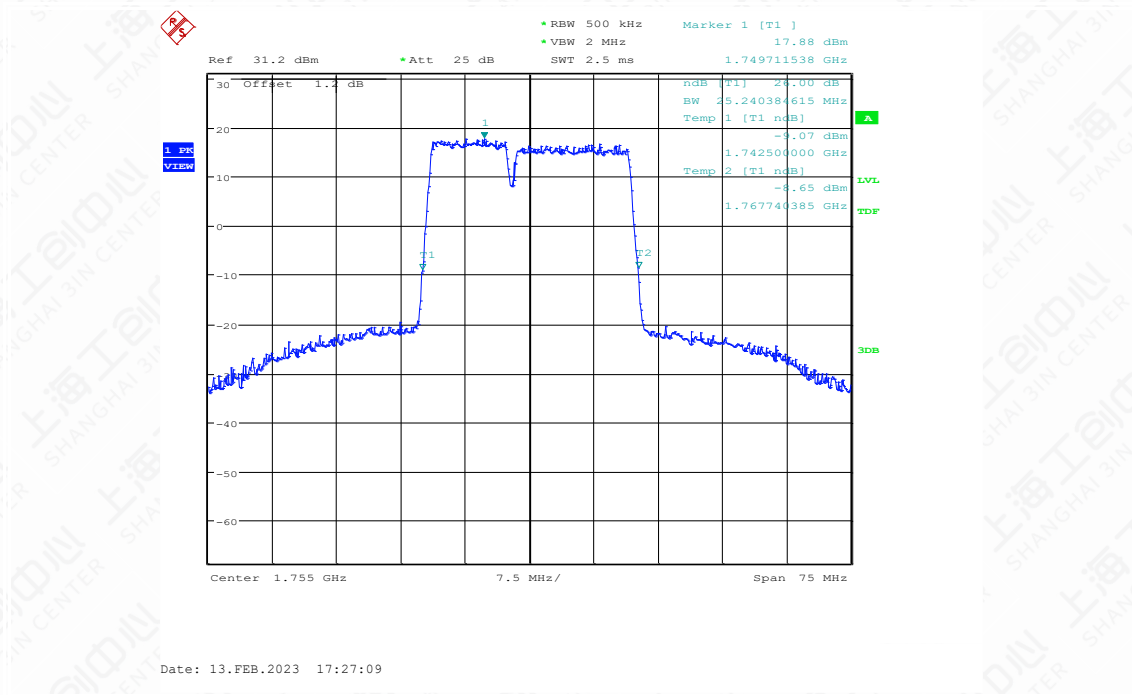
Date: 13.FEB.2023 17:26:19

LTE CA band N66 , 10MHz+15MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:26:42

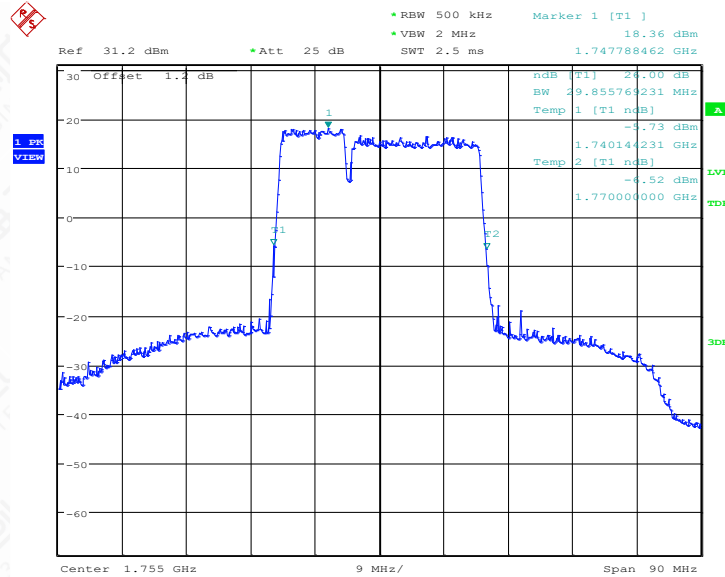
LTE CA band 66 , 10MHz+15MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,10MHz+20MHz(-26dBc)

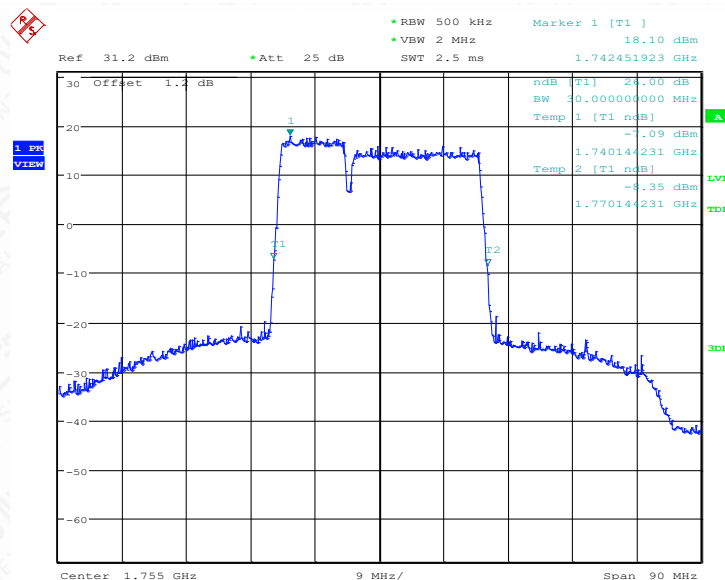
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	29.856	30.000	29.856

LTE CA band 66 , 10MHz+20MHz Bandwidth,QPSK (-26dBc BW)



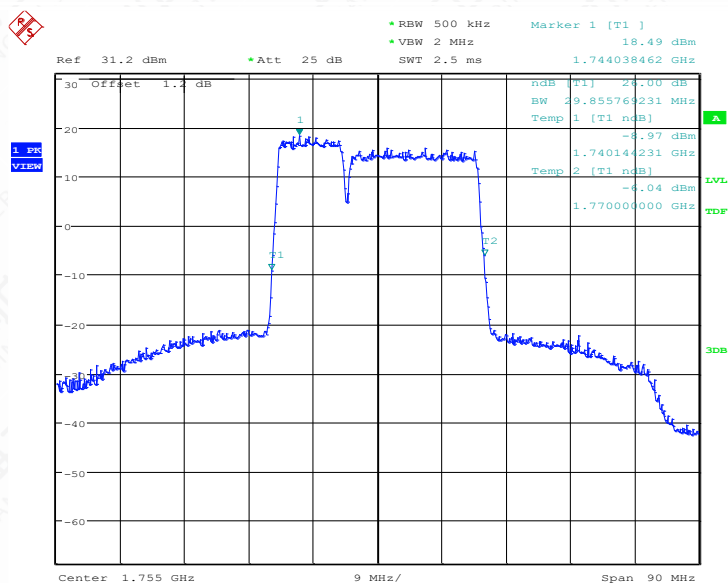
Date: 13.FEB.2023 17:28:12

LTE CA band N66 , 10MHz+20MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:28:34

LTE CA band 66 , 10MHz+20MHz Bandwidth,64QAM (-26dBc BW)

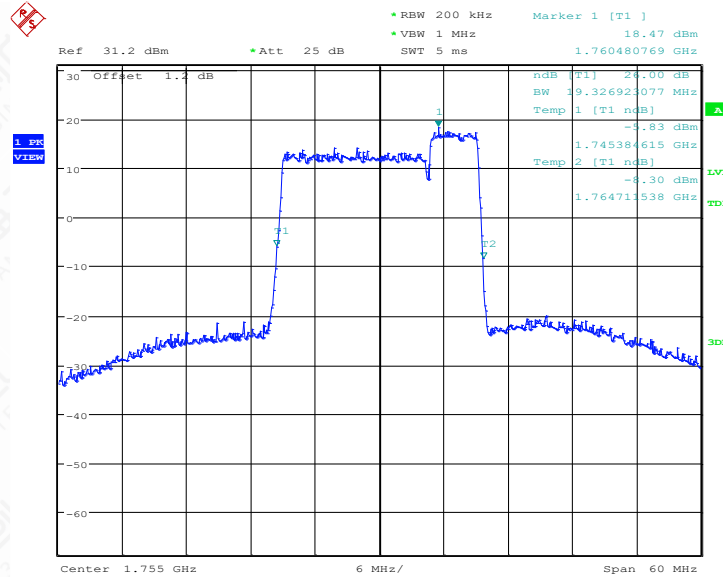


Date: 13.FEB.2023 17:29:01

LTE CA band 66,15MHz+5MHz(-26dBc)

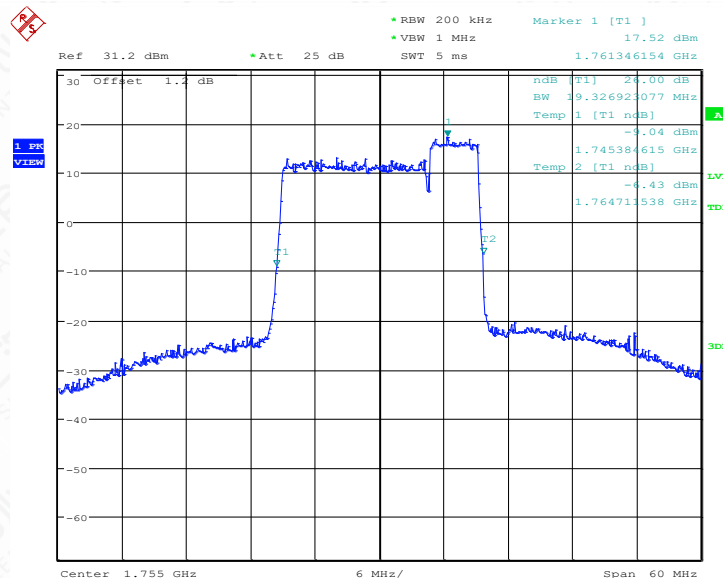
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	19.327	19.327	19.327

LTE CA band 66 , 15MHz+5MHz Bandwidth,QPSK (-26dBc BW)



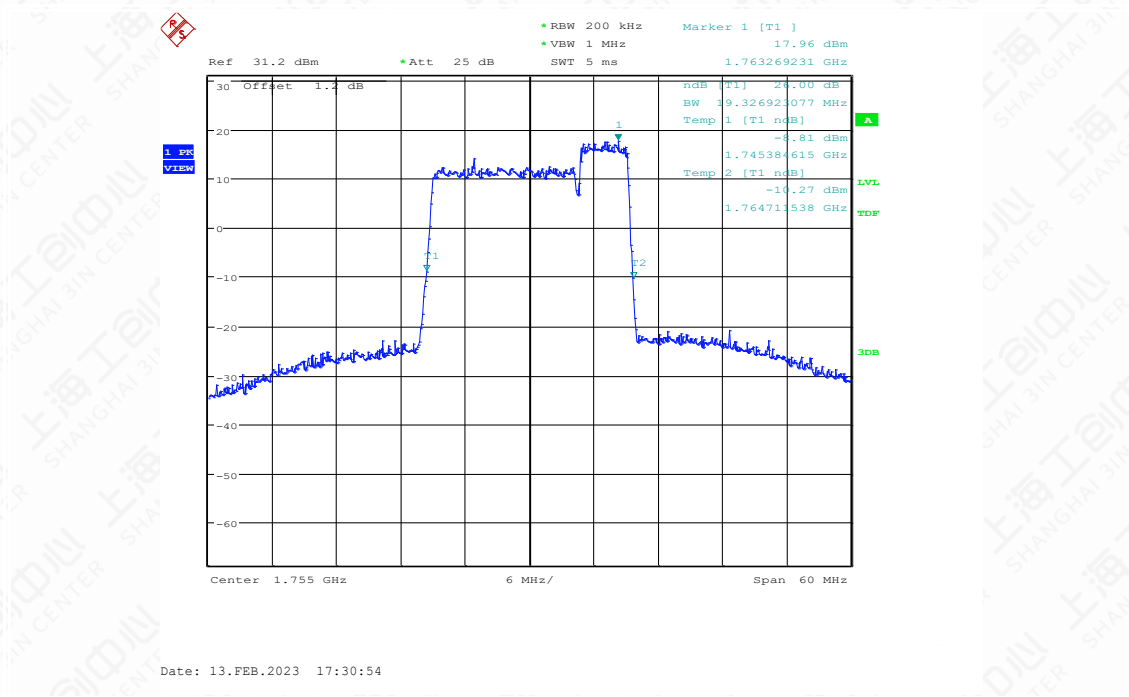
Date: 13.FEB.2023 17:30:05

LTE CA band N66 , 15MHz+5MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:30:28

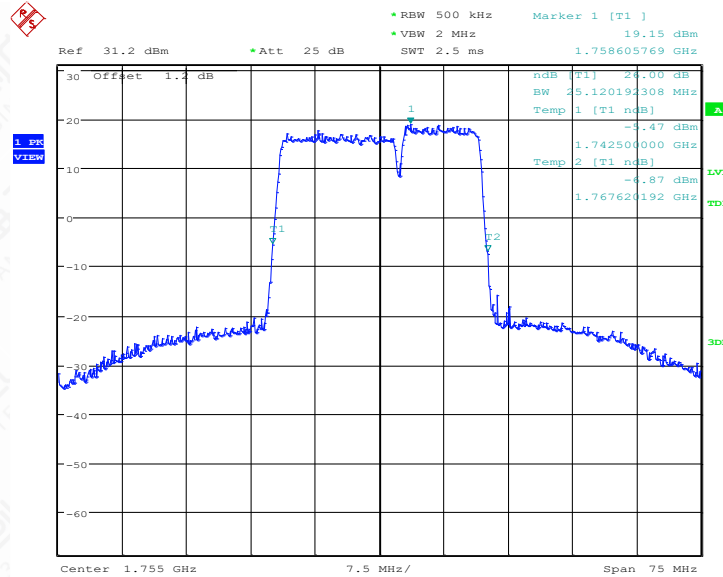
LTE CA band 66 , 15MHz+5MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,15MHz+10MHz(-26dBc)

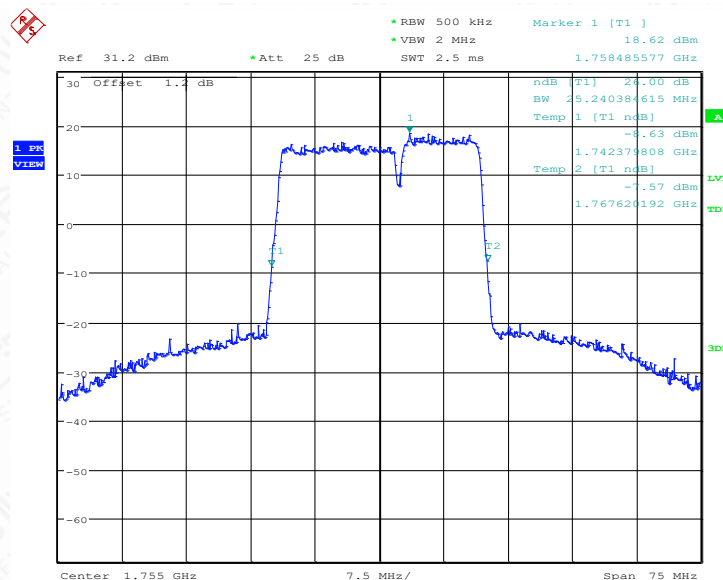
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	25.120	25.240	25.240

LTE CA band 66 , 15MHz+10MHz Bandwidth,QPSK (-26dB BW)



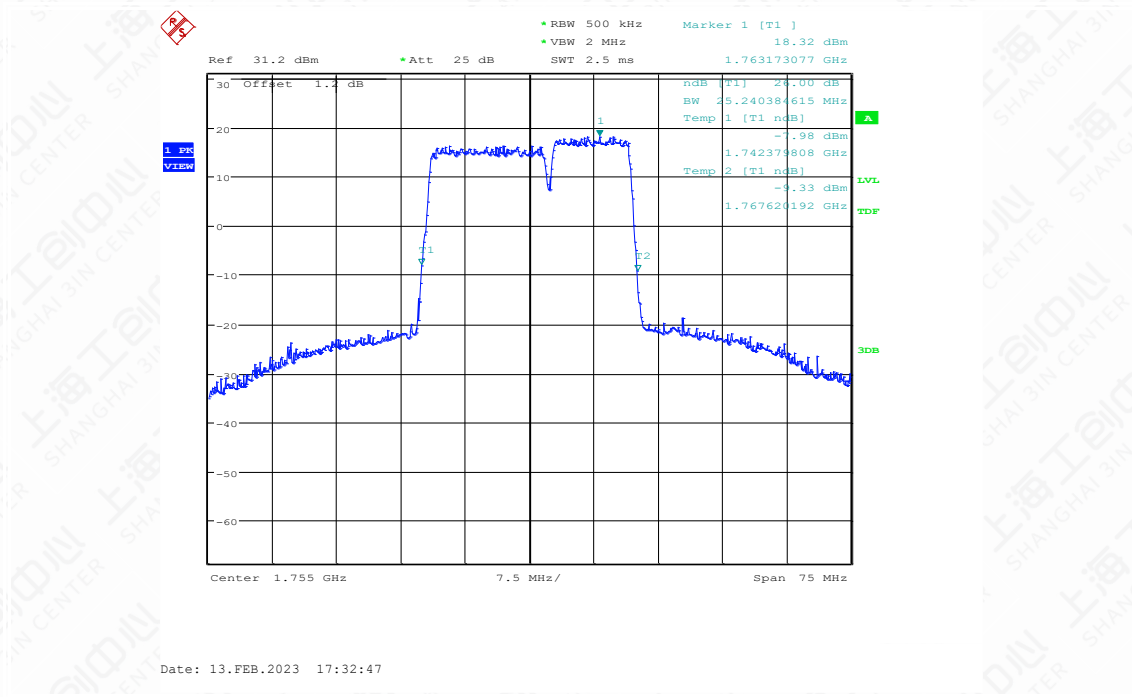
Date: 13.FEB.2023 17:31:57

LTE CA band N66 , 15MHz+10MHz Bandwidth,16QAM (-26dB BW)



Date: 13.FEB.2023 17:32:21

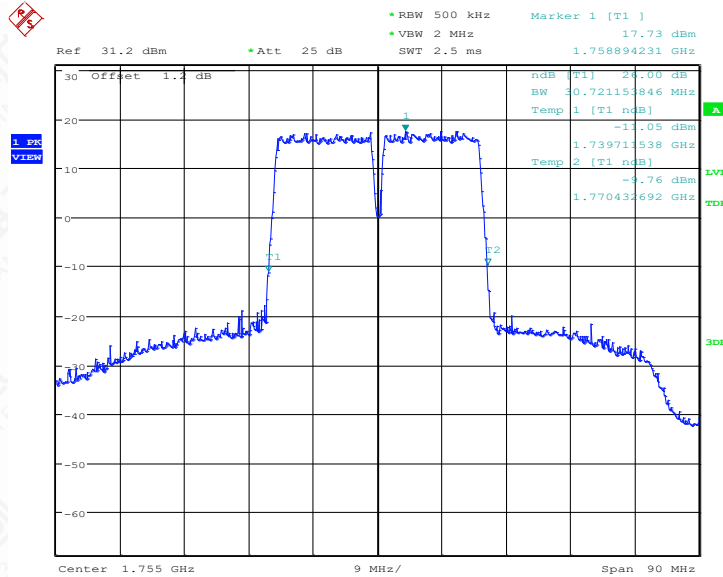
LTE CA band 66 , 15MHz+10MHz Bandwidth,64QAM (-26dB BW)



LTE CA band 66,15MHz+15MHz(-26dBc)

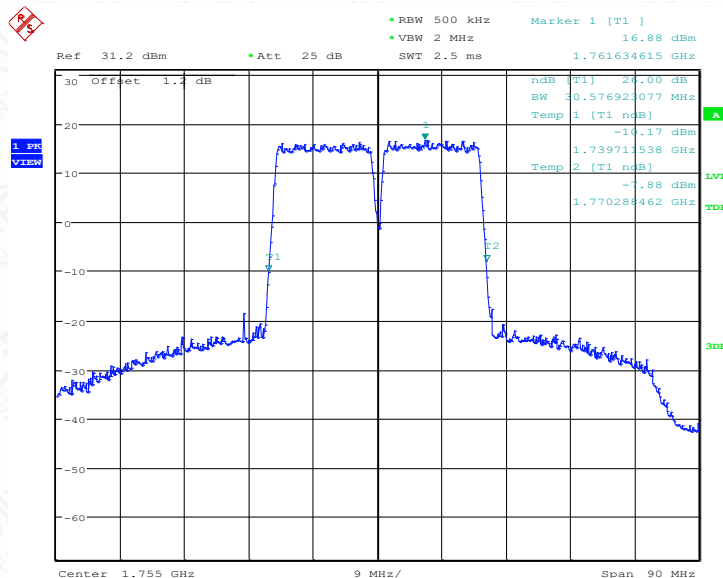
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	30.721	30.577	30.721

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



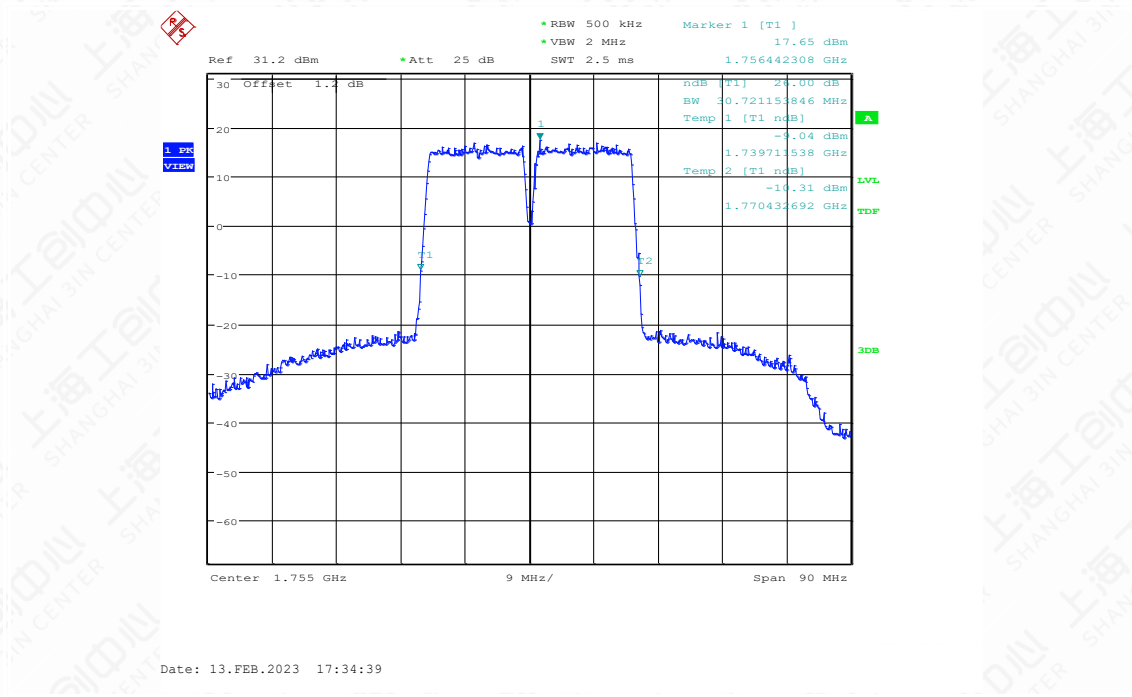
Date: 13.FEB.2023 17:33:50

LTE CA band N66 , 15MHz+15MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:34:13

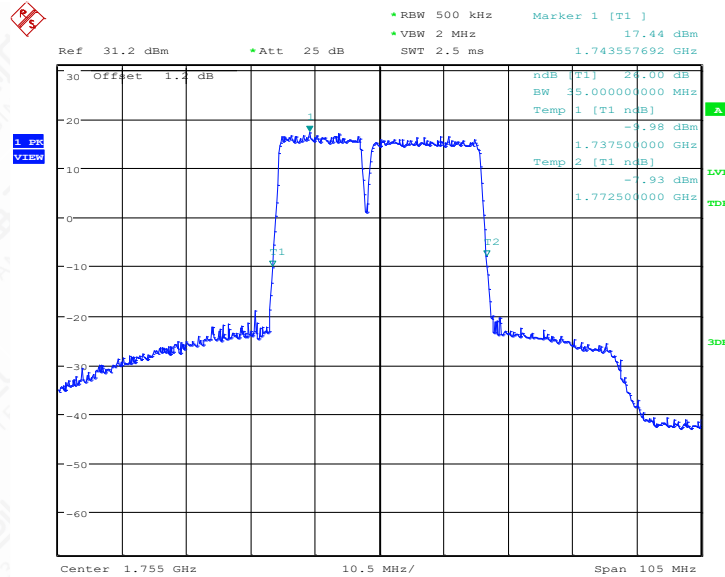
LTE CA band 66 , 15MHz+15MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,15MHz+20MHz(-26dBc)

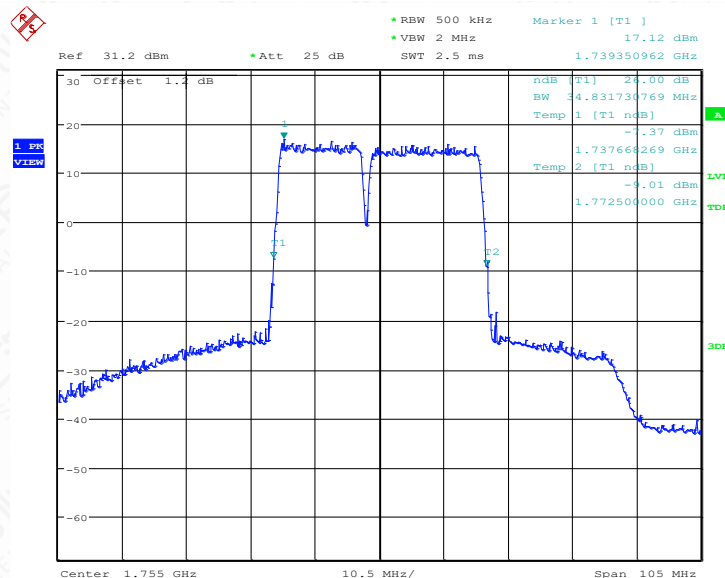
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	35.000	34.832	35.000

LTE CA band 66 , 15MHz+20MHz Bandwidth,QPSK (-26dBc BW)



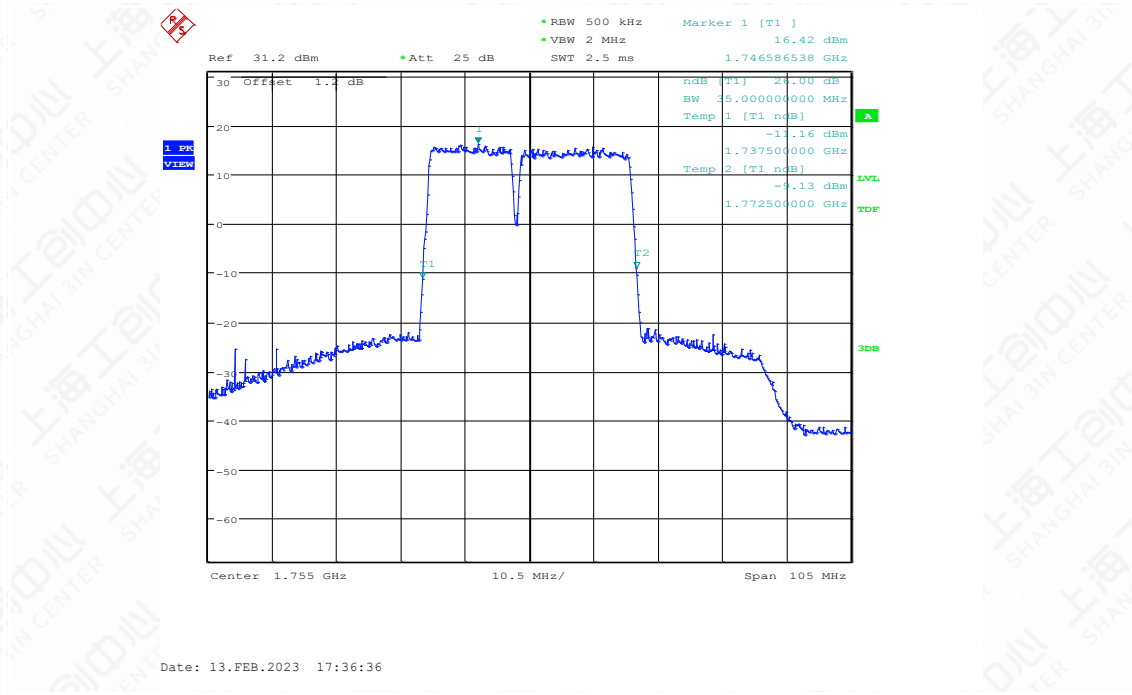
Date: 13.FEB.2023 17:35:42

LTE CA band N66 , 15MHz+20MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:36:07

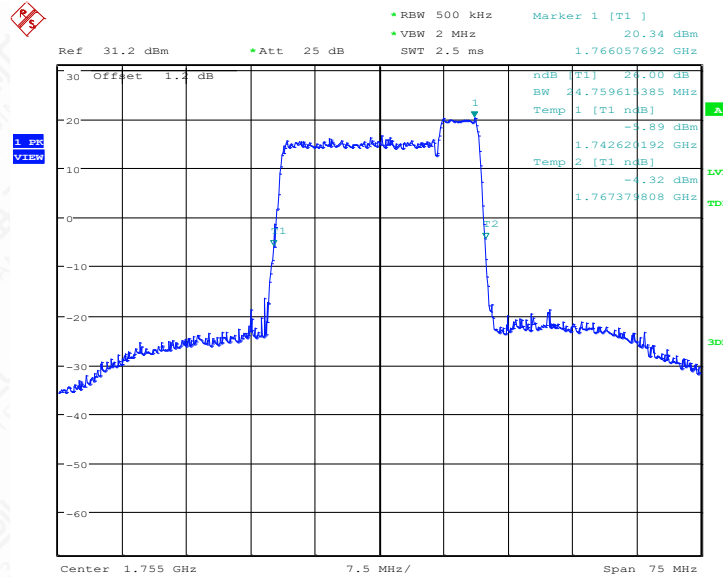
LTE CA band 66 , 15MHz+20MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,20MHz+5MHz(-26dBc)

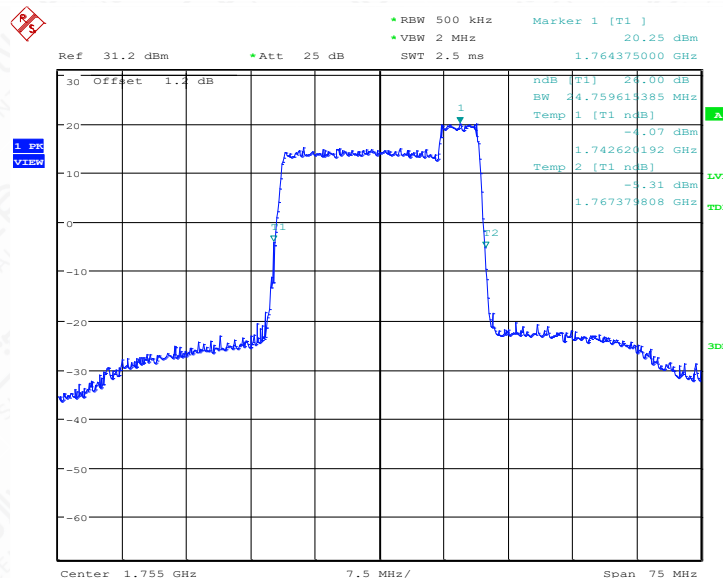
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	24.760	24.760	24.639

LTE CA band 66 , 20MHz+5MHz Bandwidth,QPSK (-26dB BW)



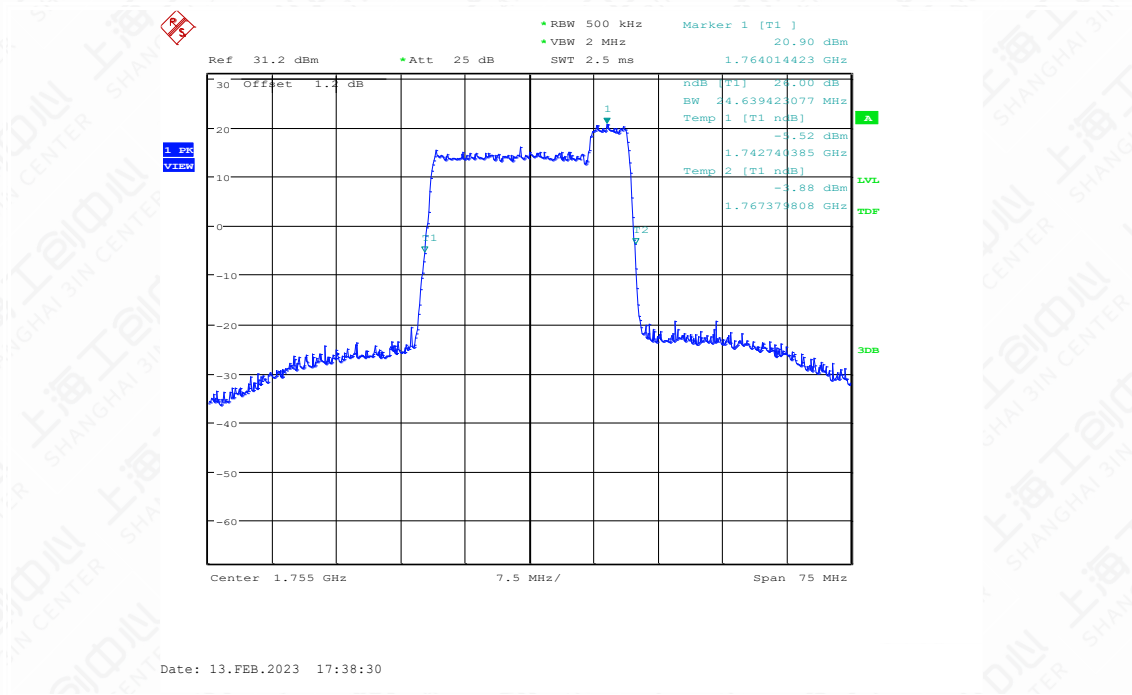
Date: 13.FEB.2023 17:37:41

LTE CA band N66 , 20MHz+5MHz Bandwidth,16QAM (-26dB BW)



Date: 13.FEB.2023 17:38:04

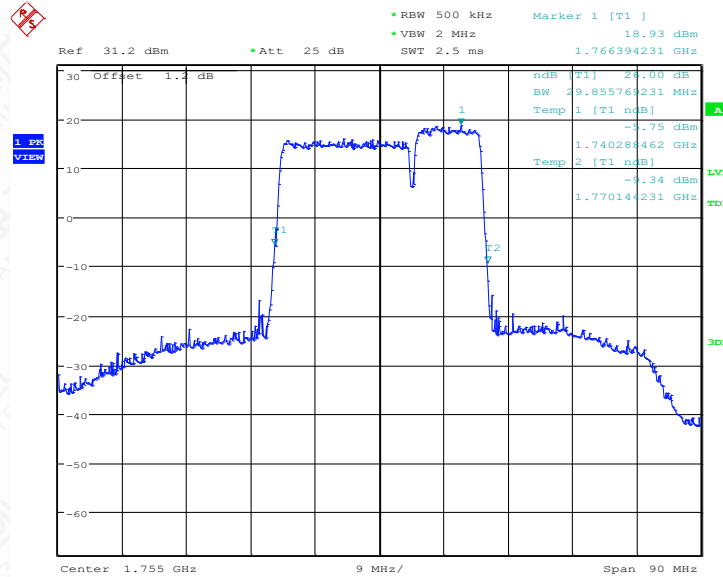
LTE CA band 66 , 20MHz+5MHz Bandwidth,64QAM (-26dB BW)



LTE CA band 66,20MHz+10MHz(-26dBc)

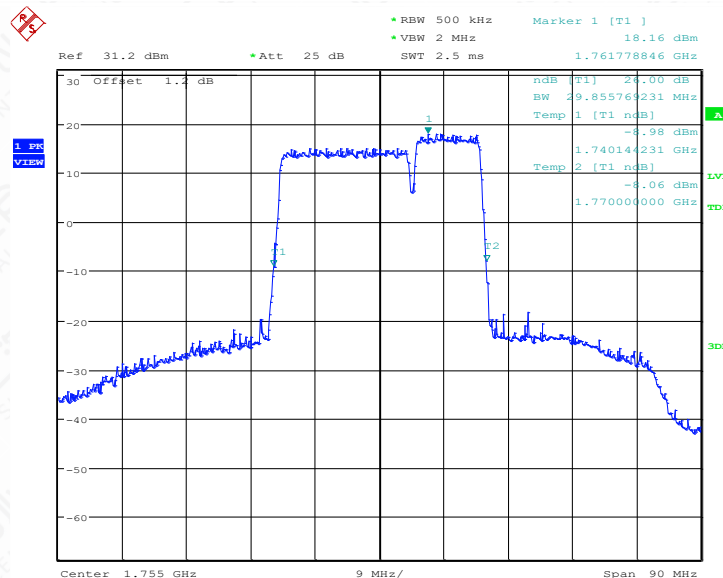
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	29.856	29.856	29.856

LTE CA band 66 , 20MHz+10MHz Bandwidth,QPSK (-26dBc BW)



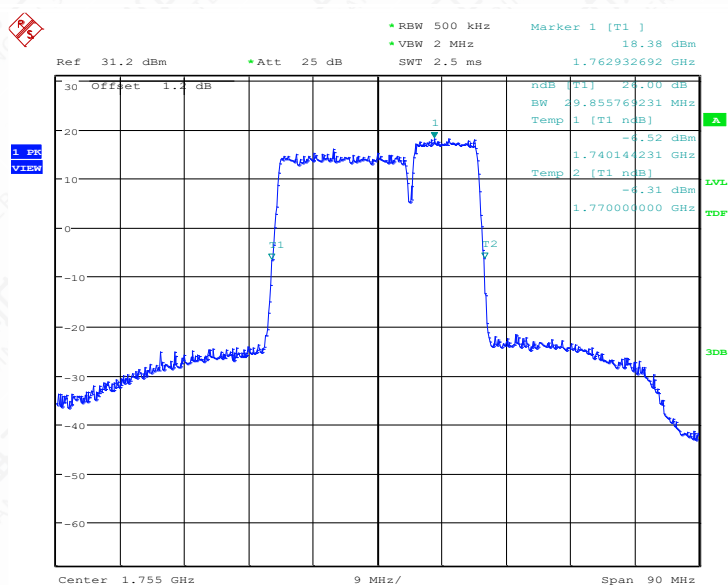
Date: 13.FEB.2023 17:39:34

LTE CA band N66 , 20MHz+10MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:39:56

LTE CA band 66 , 20MHz+10MHz Bandwidth,64QAM (-26dBc BW)

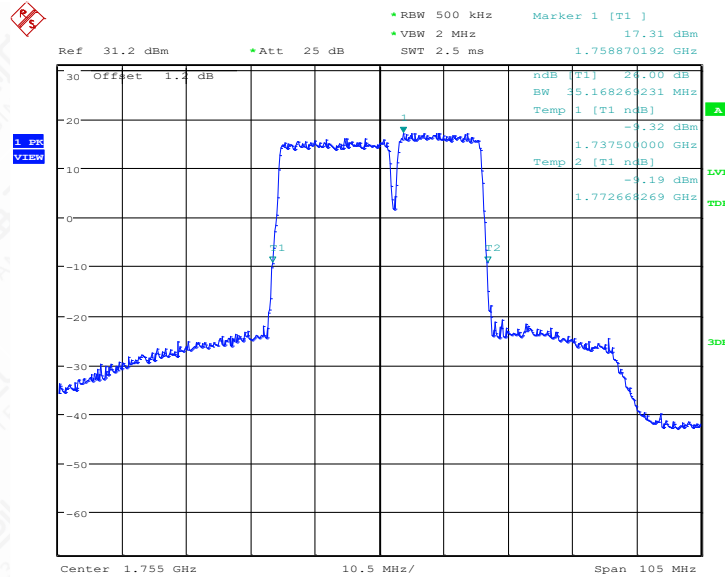


Date: 13.FEB.2023 17:40:23

LTE CA band 66,20MHz+15MHz(-26dBc)

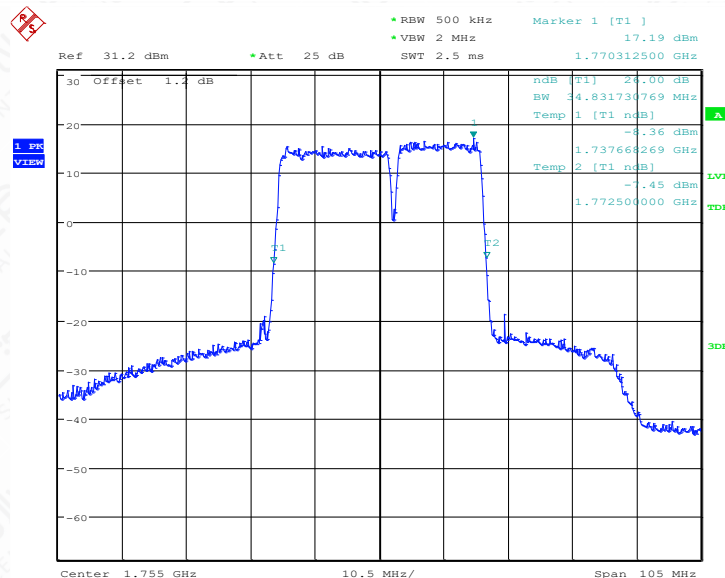
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	35.168	34.832	34.832

LTE CA band 66 , 20MHz+15MHz Bandwidth,QPSK (-26dBc BW)



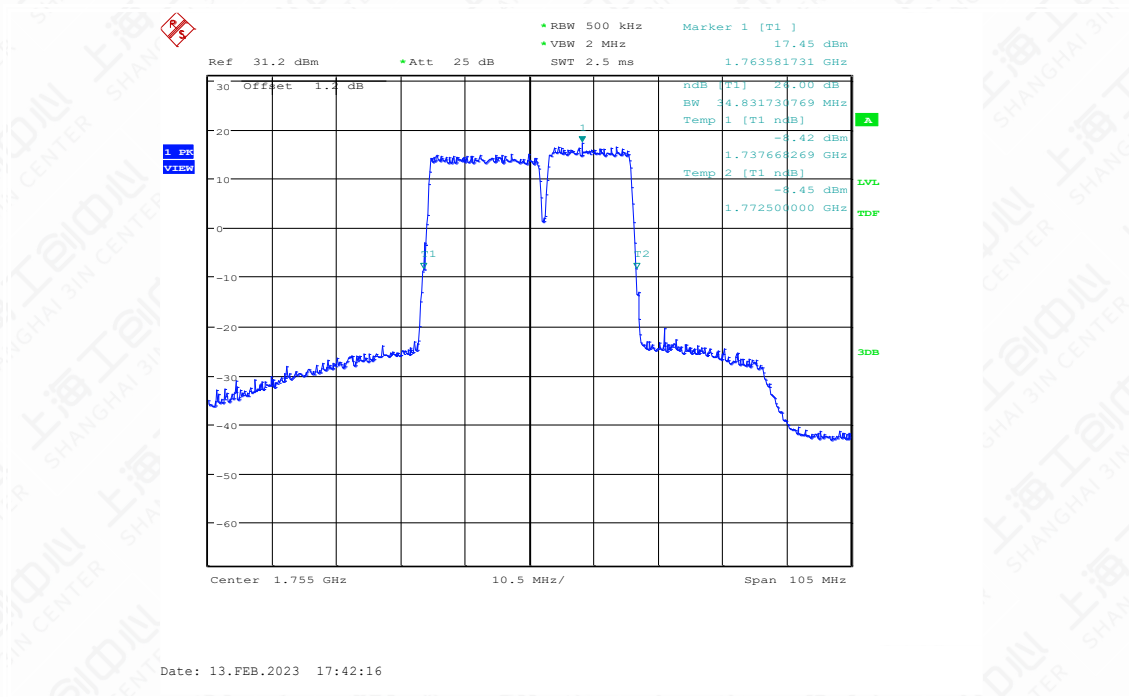
Date: 13.FEB.2023 17:41:26

LTE CA band N66 , 20MHz+15MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:41:49

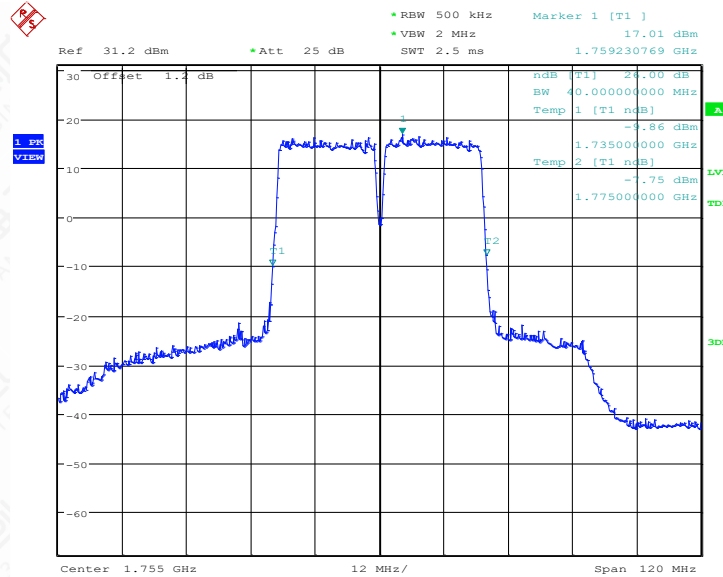
LTE CA band 66 , 20MHz+15MHz Bandwidth,64QAM (-26dBc BW)



LTE CA band 66,20MHz+20MHz(-26dBc)

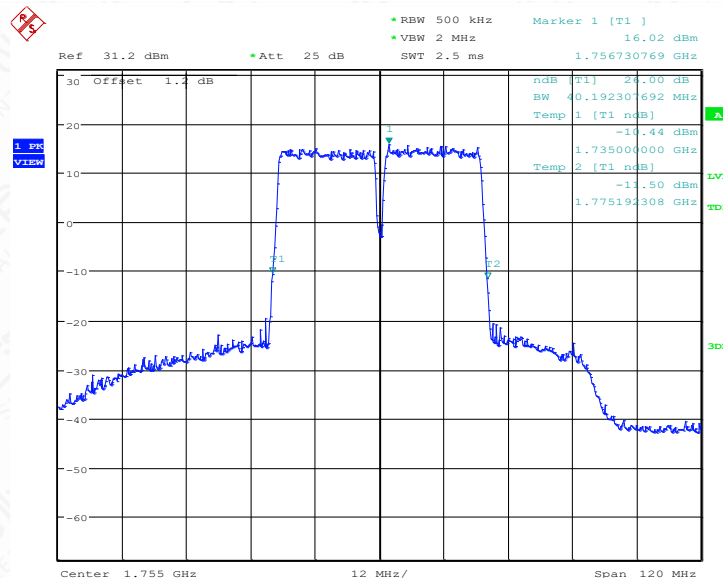
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	40.000	40.192	39.808

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



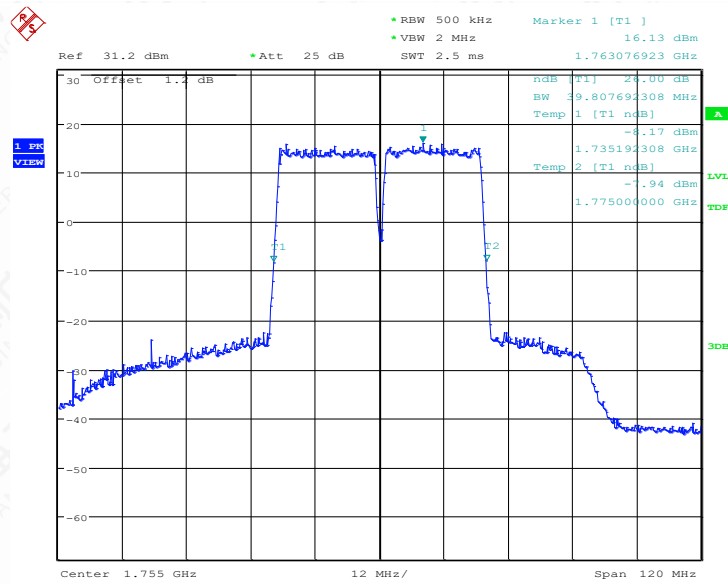
Date: 13.FEB.2023 17:43:19

LTE CA band N66 , 20MHz+20MHz Bandwidth,16QAM (-26dBc BW)



Date: 13.FEB.2023 17:43:42

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

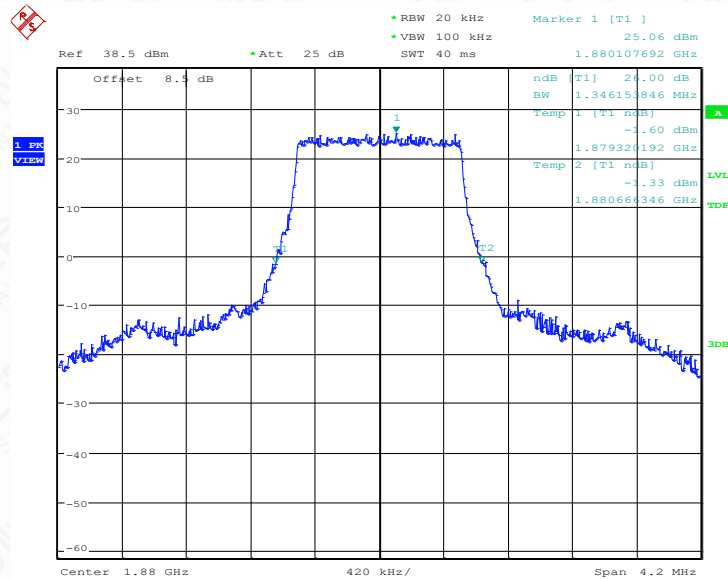


Date: 13.FEB.2023 17:44:08

LTE band 2@CA_2+66, 1.4MHz(-26dBc)

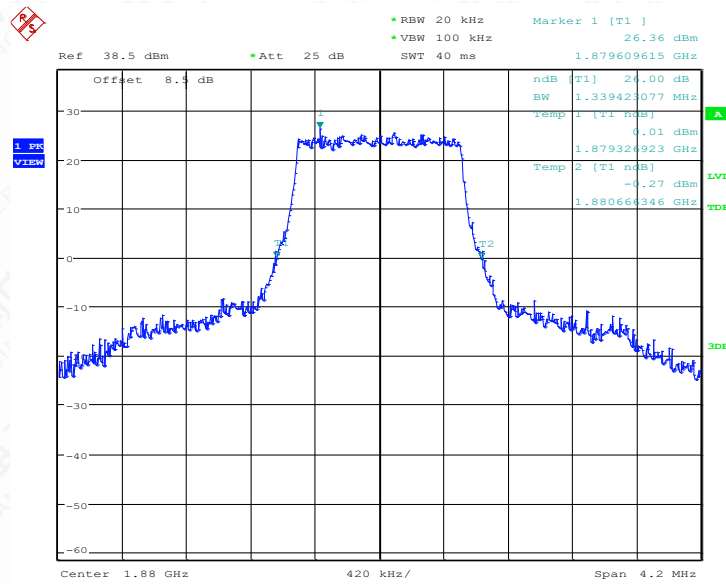
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	1.346	1.339	1.353

LTE band 2@CA_2+66, 1.4MHz Bandwidth, QPSK (-26dB BW)



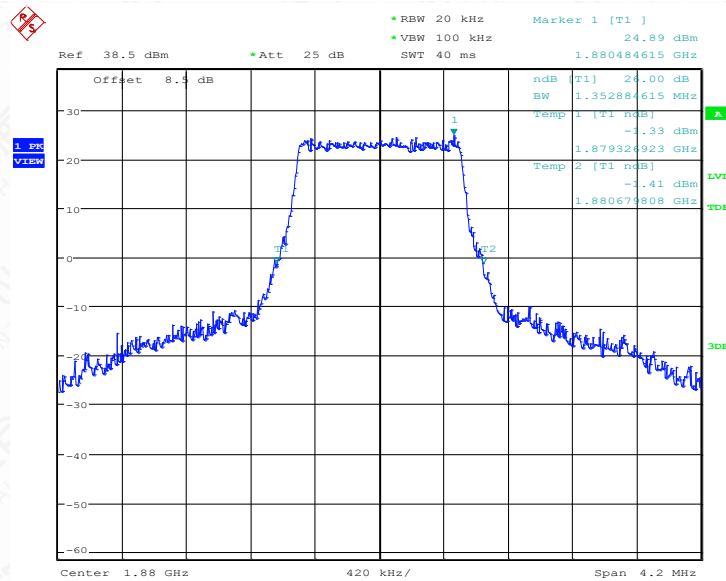
Date: 12.FEB.2023 17:42:45

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 16QAM (-26dB BW)



Date: 13.FEB.2023 00:43:39

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

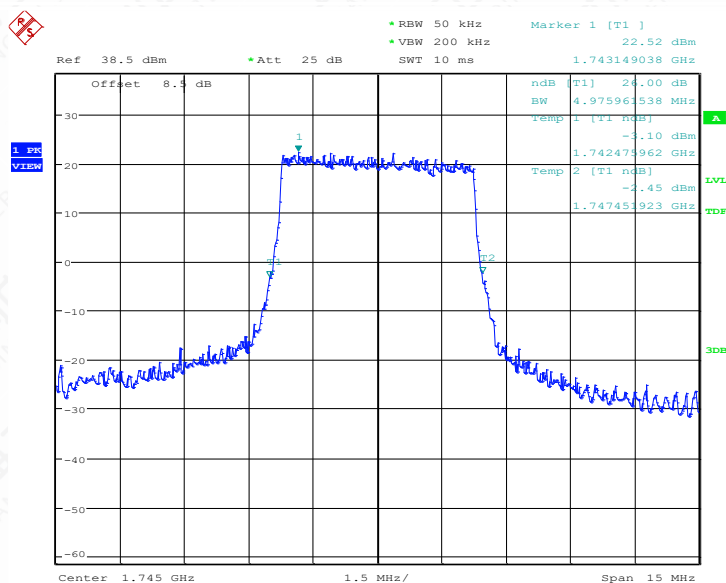


Date: 12.FEB.2023 17:44:15

LTE band 66@CA_2+66, 5MHz(-26dBc)

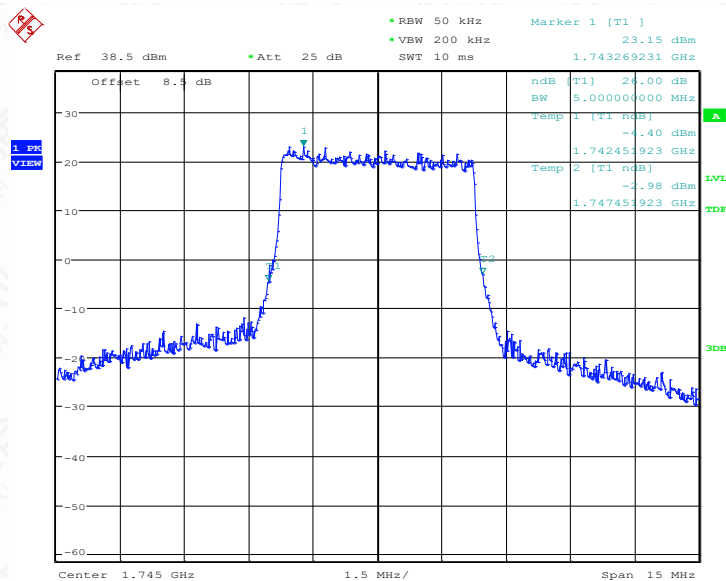
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	4.904	5.000	4.952

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



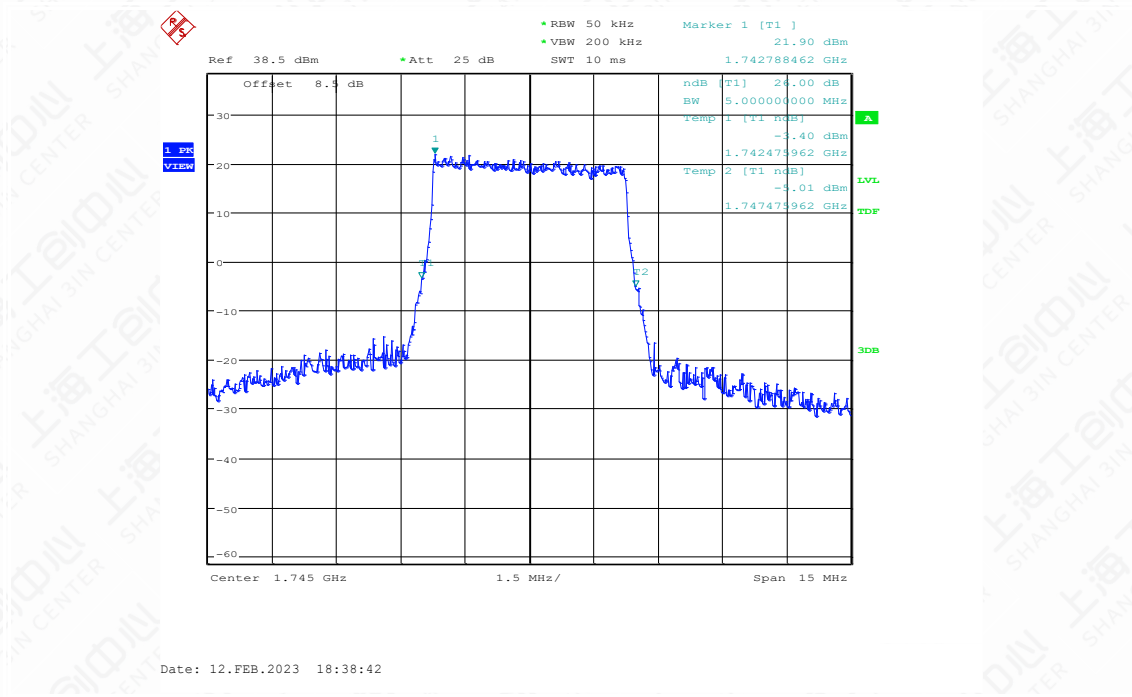
Date: 12.FEB.2023 18:37:14

LTE band 66@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 13.FEB.2023 00:43:59

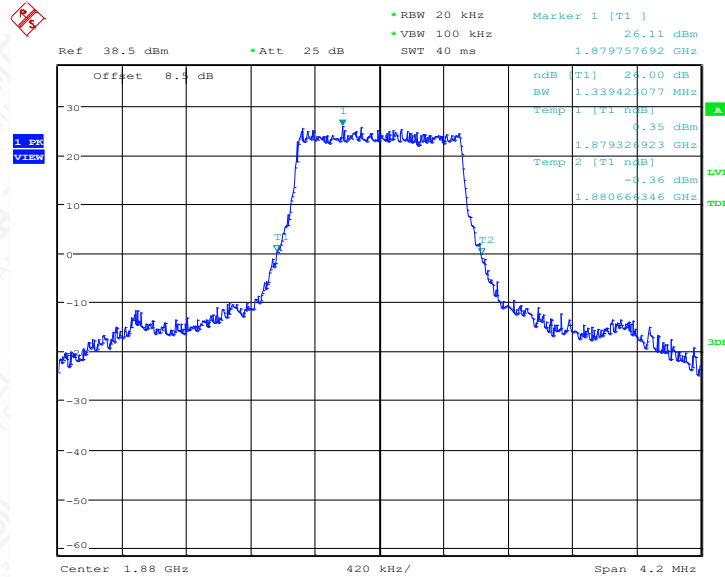
LTE band 66@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)



LTE band 2@CA_2+66, 1.4MHz(-26dBc)

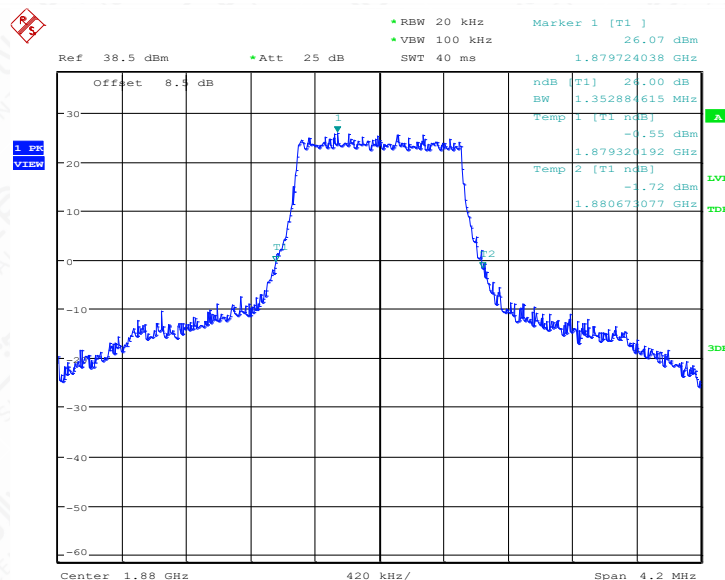
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	1.339	1.353	1.333

LTE band 2@CA_2+66, 1.4MHz Bandwidth, QPSK (-26dB BW)



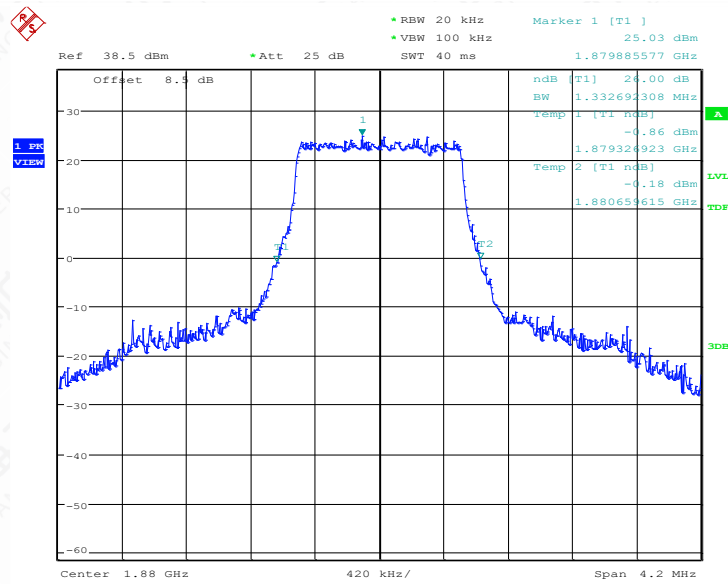
Date: 12.FEB.2023 17:45:29

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 17:46:11

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 64QAM (-26dB BW)

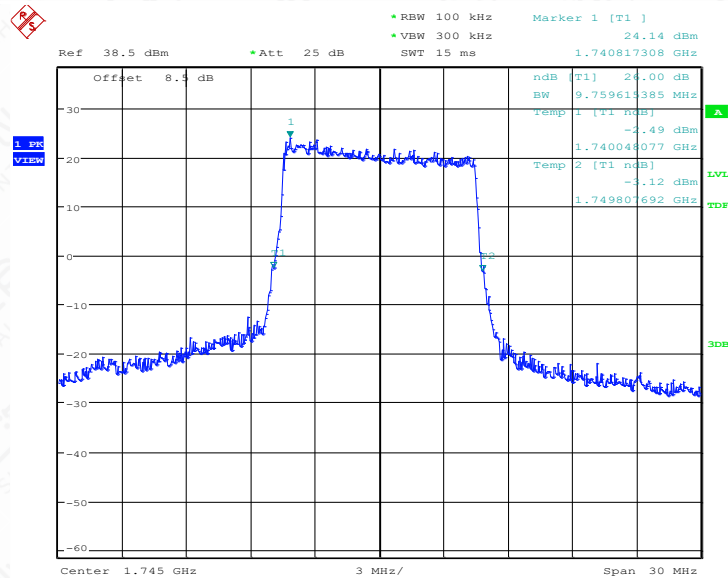


Date: 12.FEB.2023 17:46:56

LTE band 66@CA_2+66, 10MHz(-26dBc)

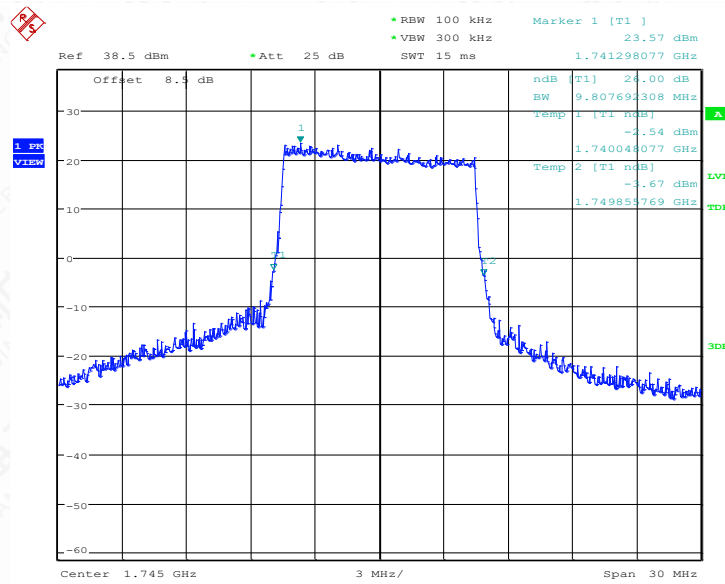
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	9.808	9.760	9.760

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



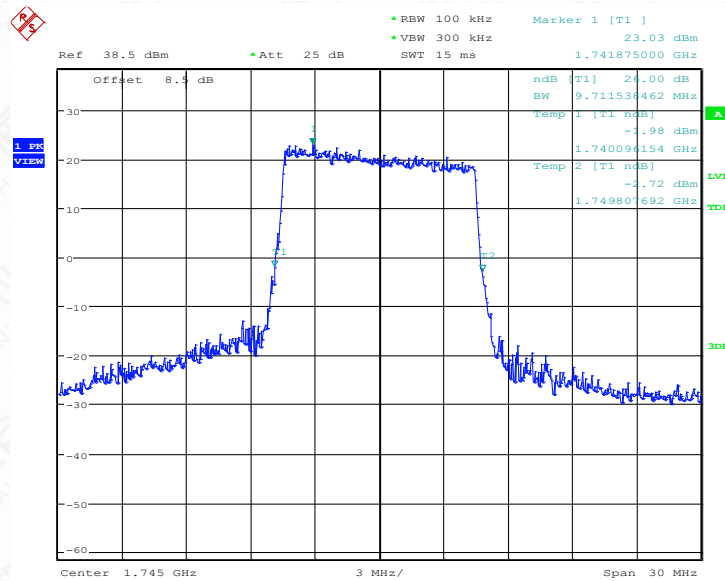
Date: 12.FEB.2023 18:39:56

LTE band 66@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:42

LTE band 66@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

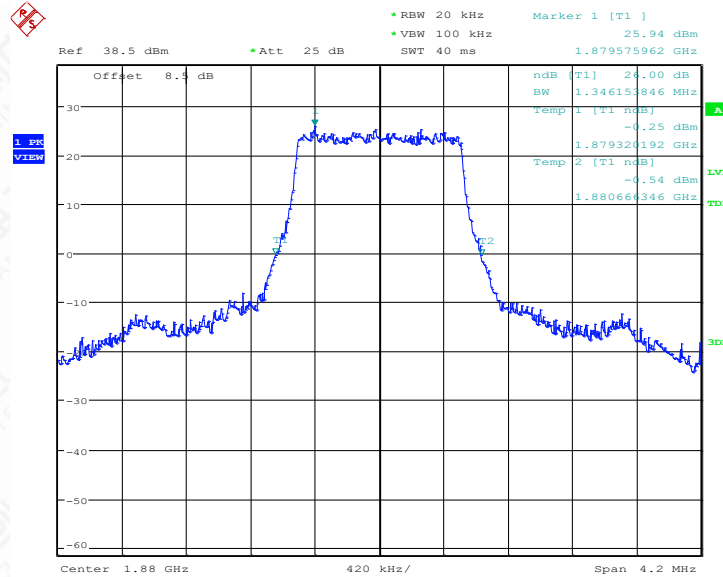


Date: 12.FEB.2023 18:41:29

LTE band 2@CA_2+66, 1.4MHz(-26dBc)

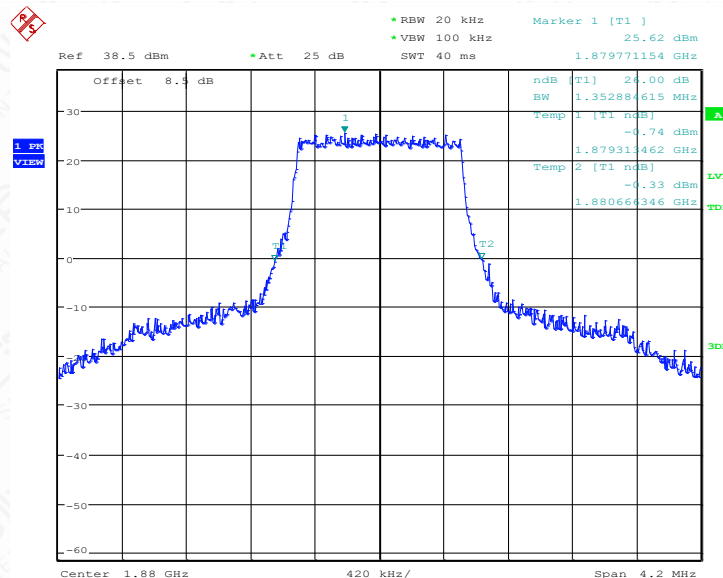
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	1.346	1.353	1.366

LTE band 2@CA_2+66, 1.4MHz Bandwidth, QPSK (-26dB BW)



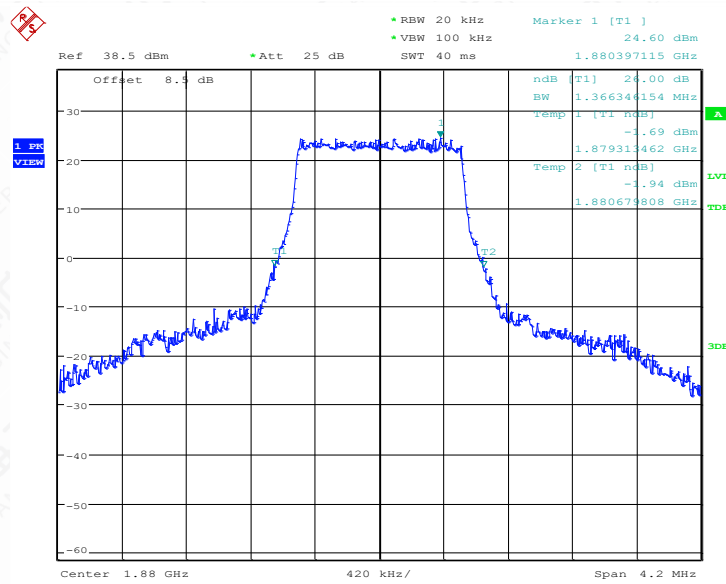
Date: 12.FEB.2023 17:48:11

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 16QAM (-26dB BW)



Date: 13.FEB.2023 00:44:54

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 64QAM (-26dB BW)

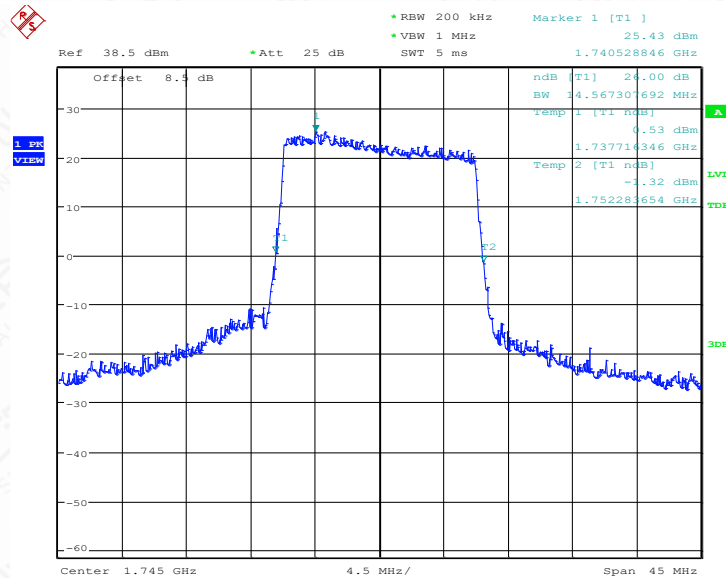


Date: 12.FEB.2023 17:49:38

LTE band 66@CA_2+66, 15MHz(-26dBc)

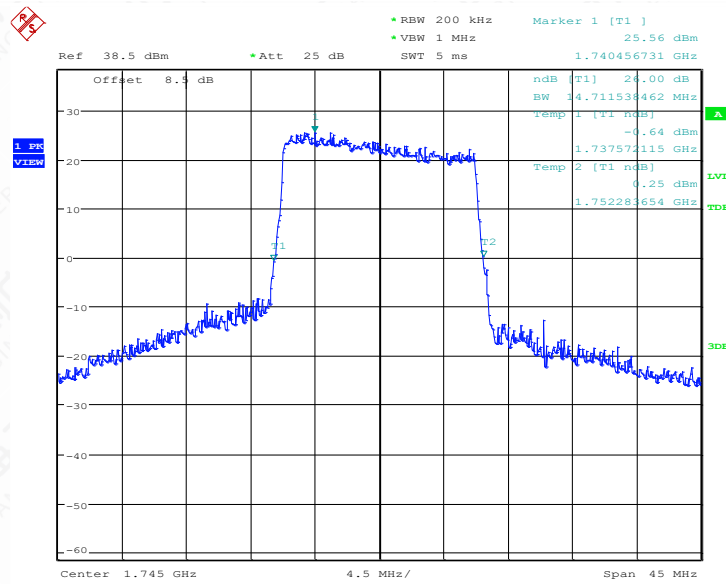
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	14.712	14.712	14.567

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



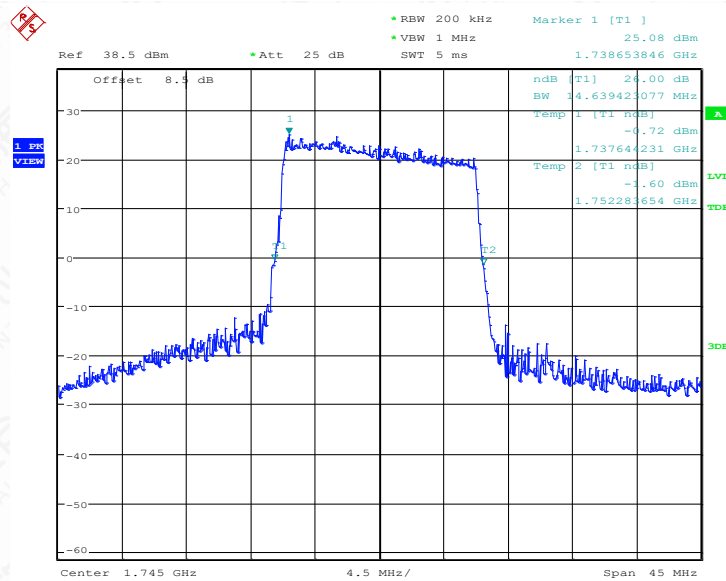
Date: 12.FEB.2023 18:42:43

LTE band 66@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 13.FEB.2023 00:45:14

LTE band 66@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

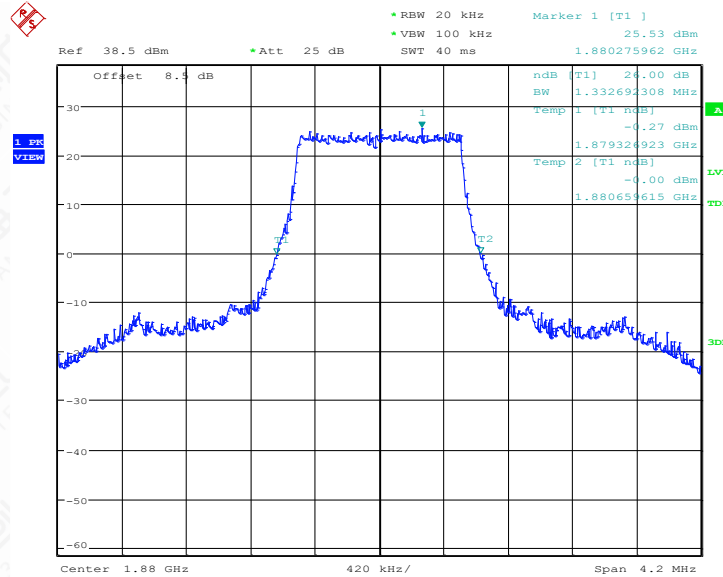


Date: 12.FEB.2023 18:44:11

LTE band 2@CA_2+66, 1.4MHz(-26dBc)

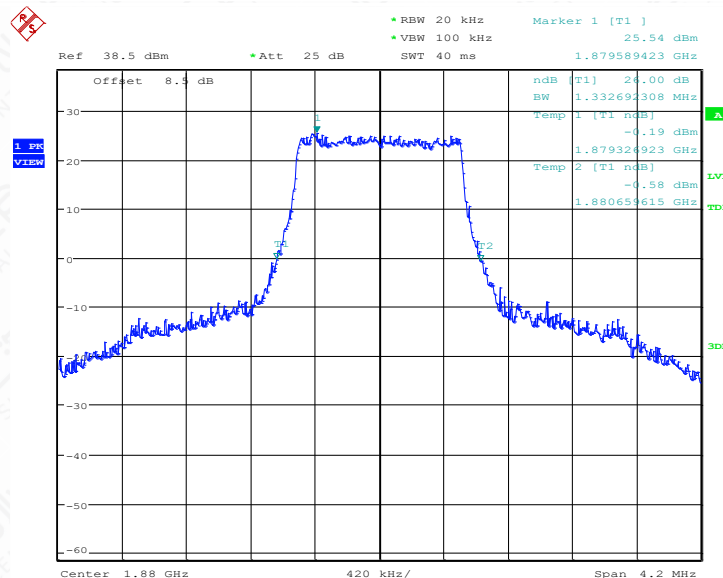
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	1.333	1.333	1.346

LTE band 2@CA_2+66, 1.4MHz Bandwidth, QPSK (-26dB BW)



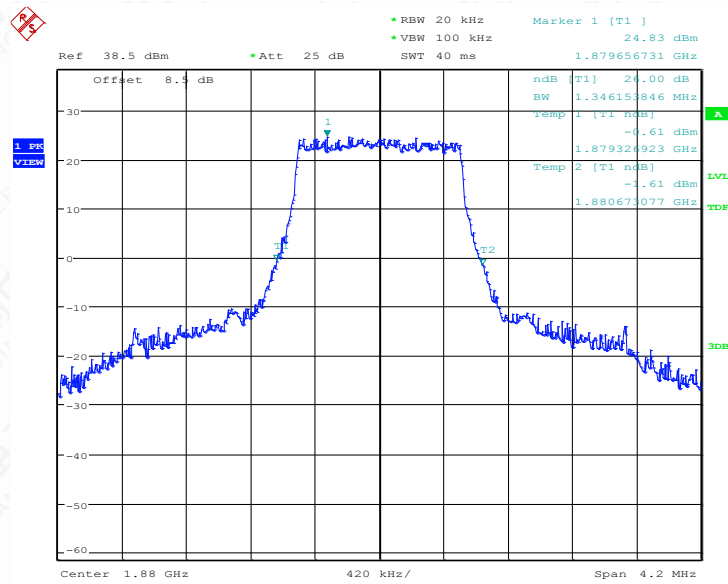
Date: 12.FEB.2023 17:50:53

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 17:51:34

LTE band 2@CA_2+66, 1.4MHz Bandwidth, 64QAM (-26dB BW)

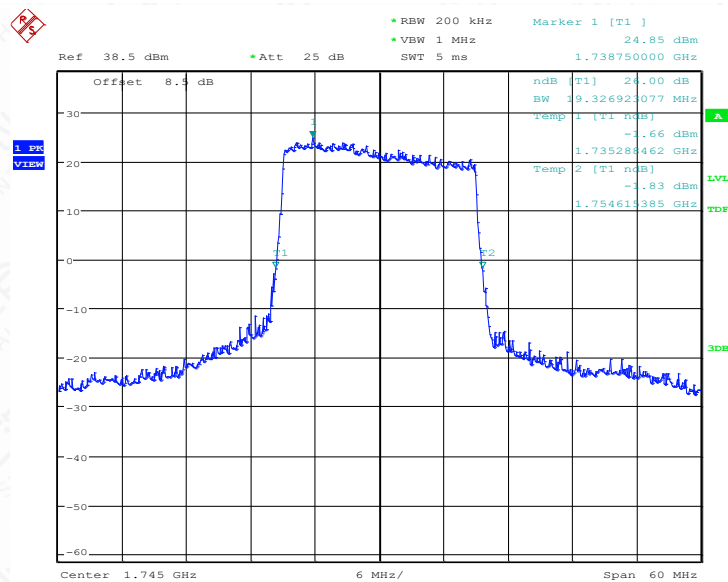


Date: 13.FEB.2023 00:46:14

LTE band 66@CA_2+66, 20MHz(-26dBc)

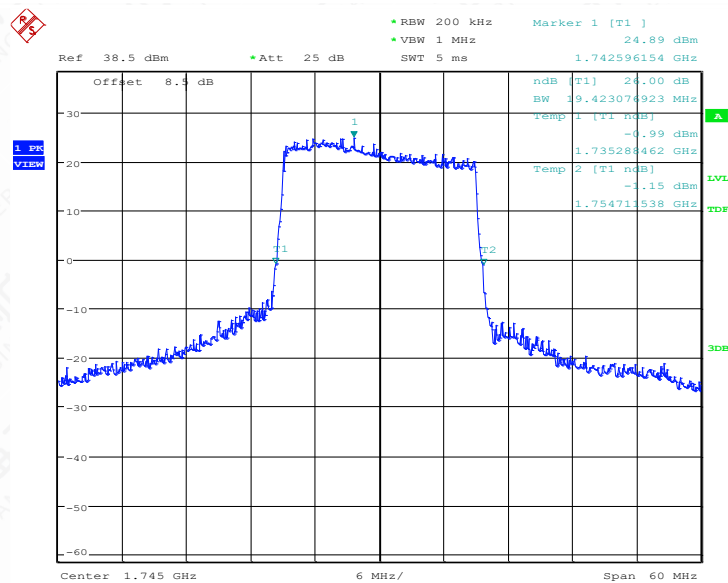
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	19.231	19.327	19.327

LTE band 66@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



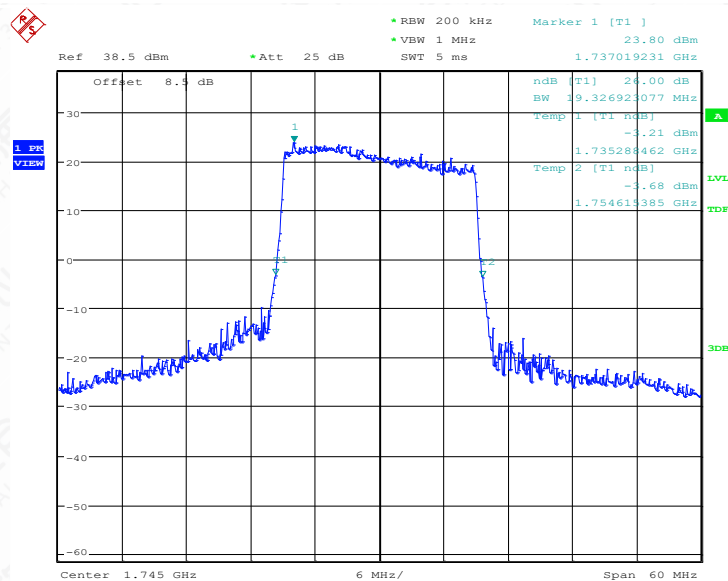
Date: 12.FEB.2023 18:45:24

LTE band 66@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:05

LTE band 66@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

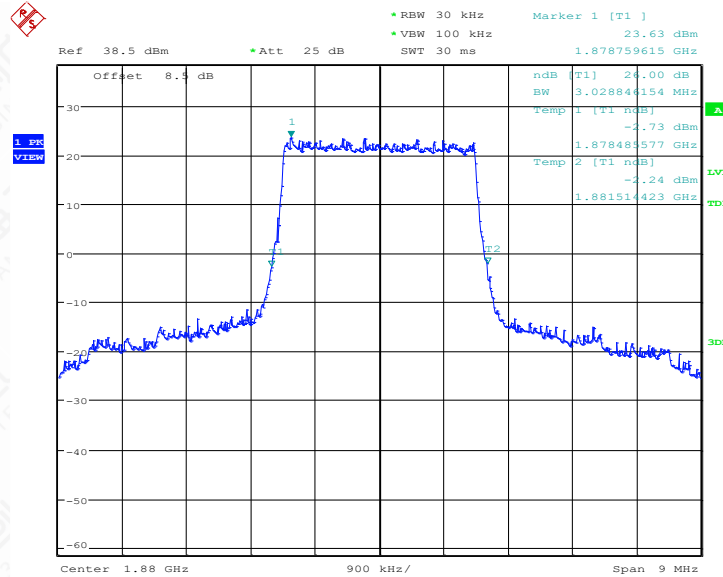


Date: 13.FEB.2023 00:46:33

LTE band 2@CA_2+66, 3MHz(-26dBc)

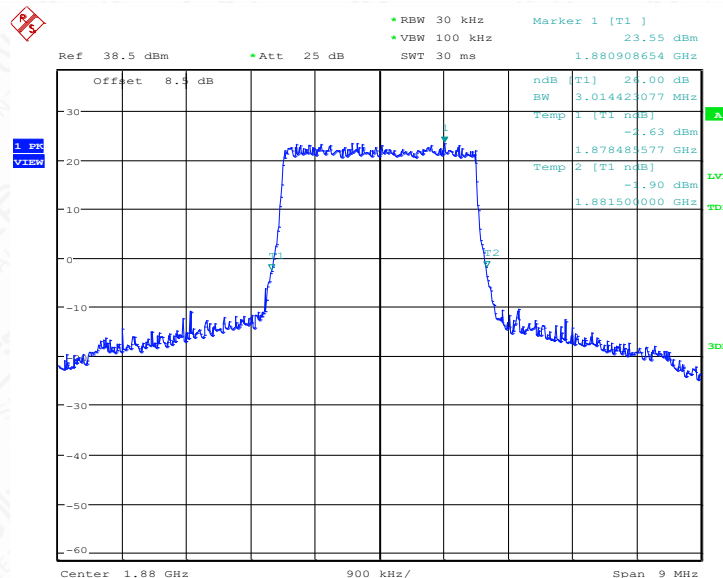
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	3.029	3.014	3.029

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



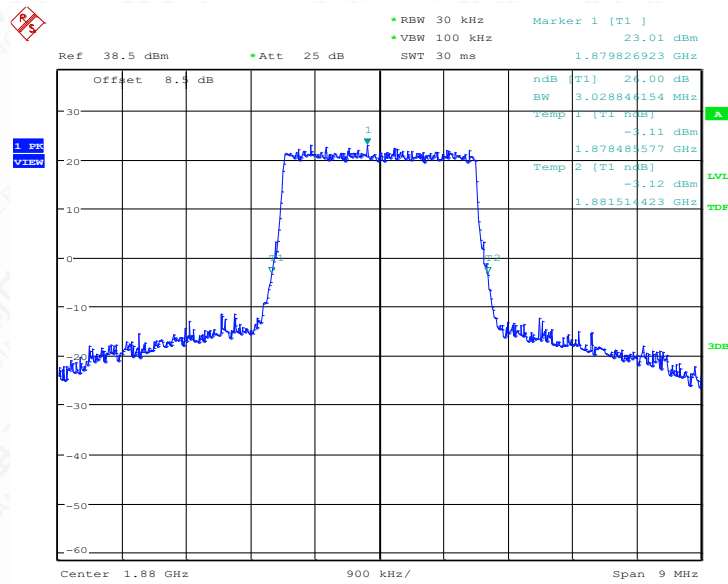
Date: 12.FEB.2023 17:53:38

LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 17:54:20

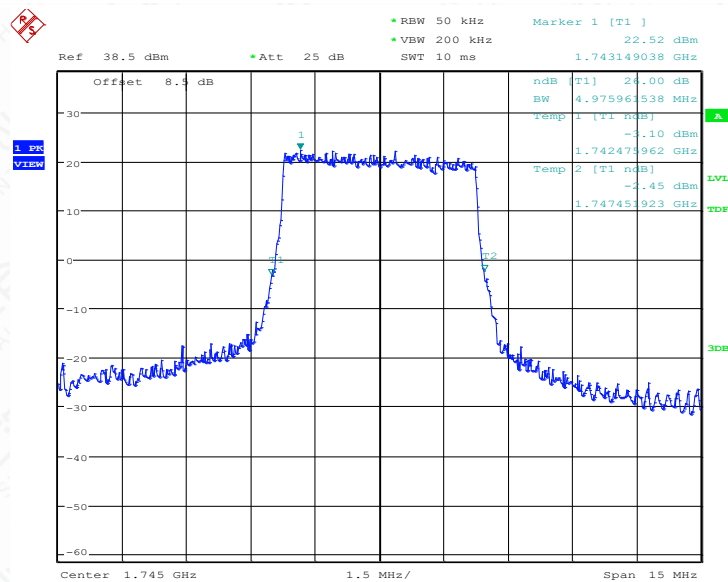
LTE band 2@CA_2+66, 3MHz Bandwidth, 64QAM (-26dBc BW)



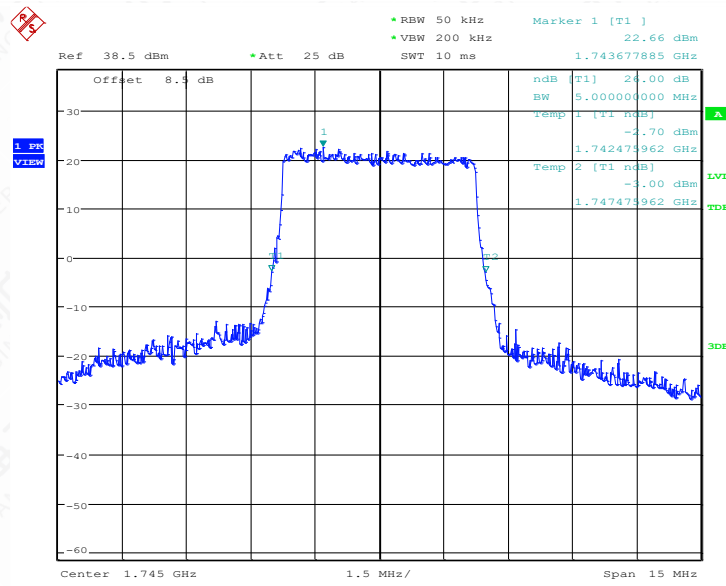
LTE band 66@CA_2+66, 5MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	5.024	5.000	5.024

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dB BW)

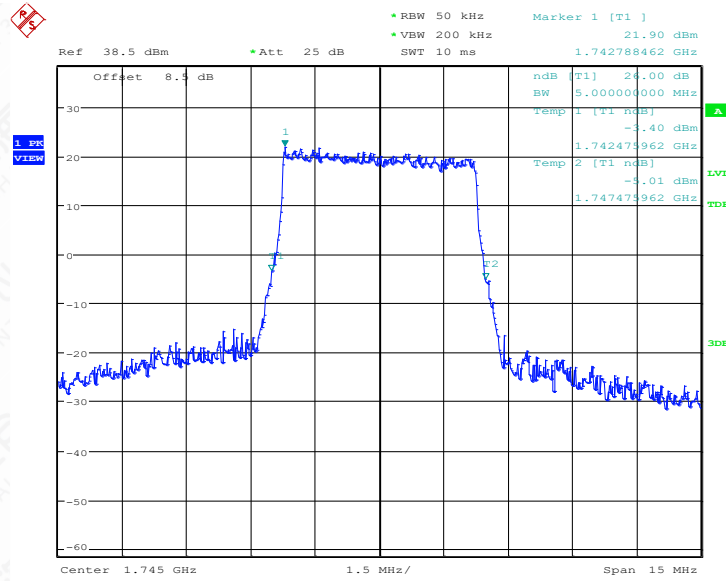


LTE band 66@CA_2+66, 5MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 18:37:56

LTE band 66@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

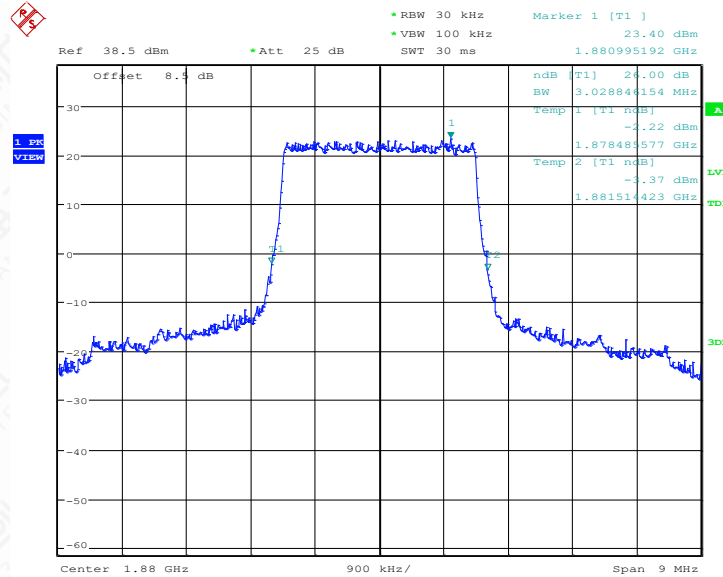


Date: 12.FEB.2023 18:38:42

LTE band 2@CA_2+66, 3MHz(-26dBc)

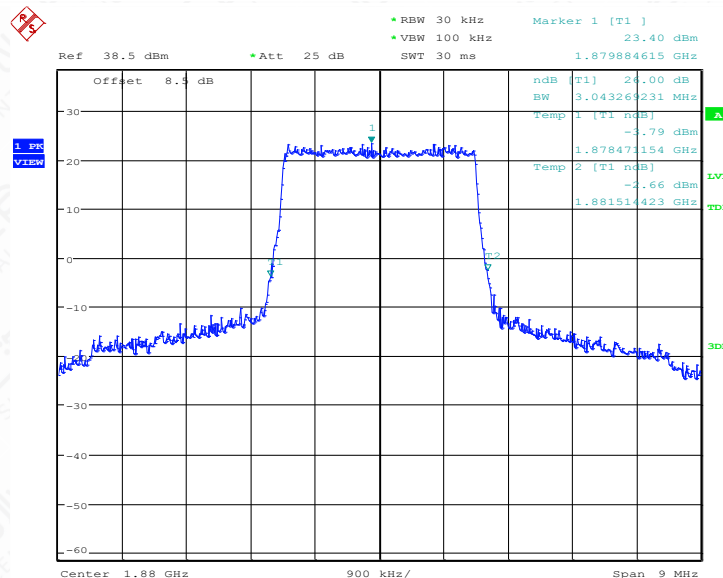
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	3.029	3.043	3.029

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



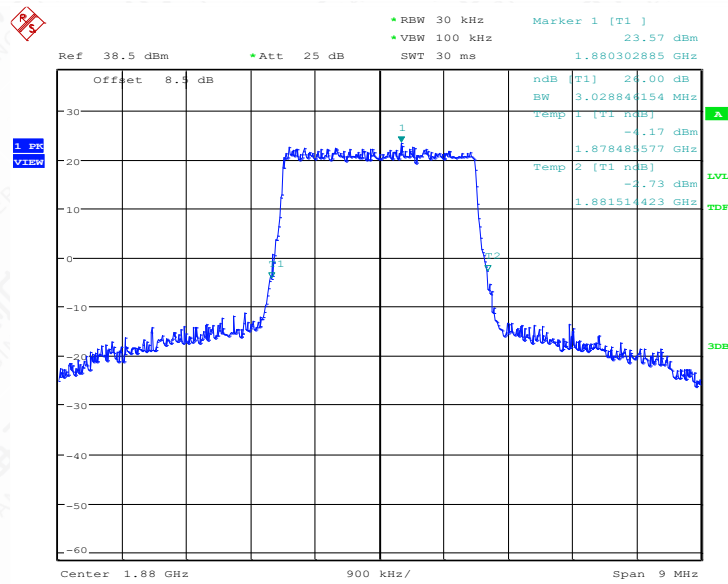
Date: 12.FEB.2023 17:56:20

LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 17:57:02

LTE band 2@CA_2+66, 3MHz Bandwidth, 64QAM (-26dBc BW)

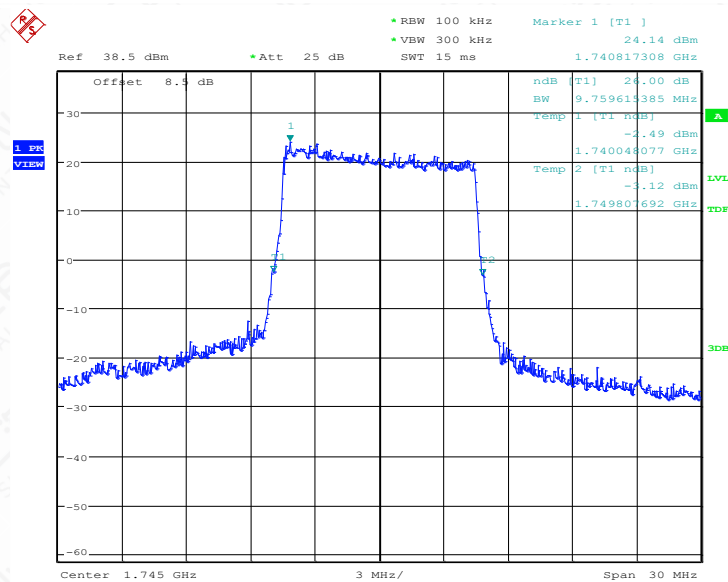


Date: 12.FEB.2023 17:57:47

LTE band 66@CA_2+66, 10MHz(-26dBc)

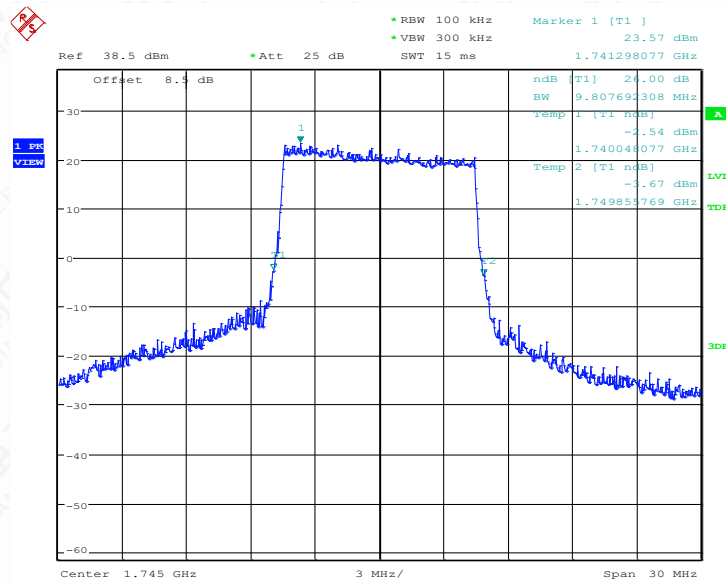
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	9.760	9.856	9.760

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



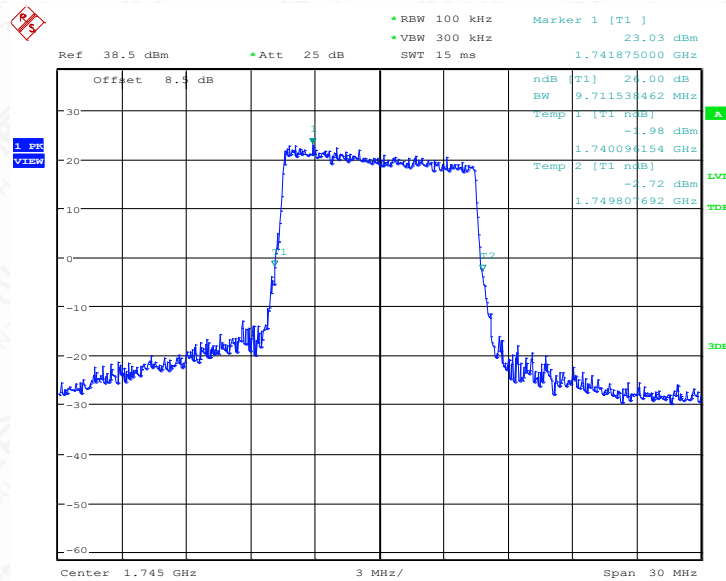
Date: 12.FEB.2023 18:39:56

LTE band 66@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:42

LTE band 66@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

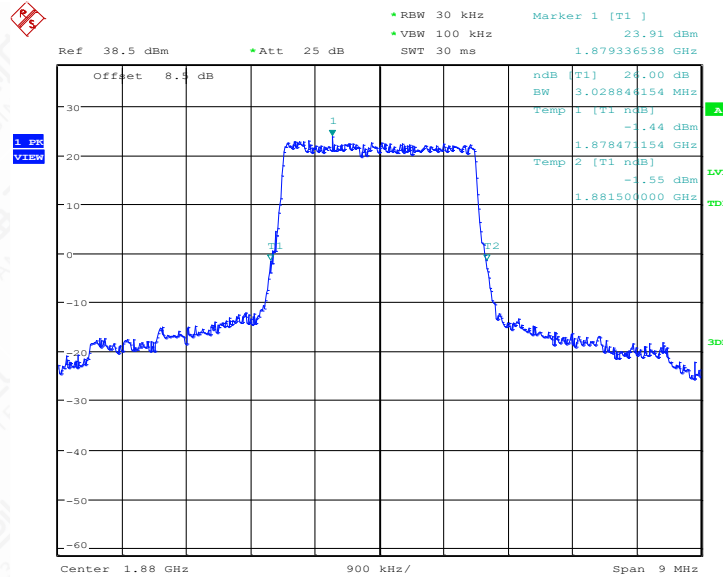


Date: 12.FEB.2023 18:41:29

LTE band 2@CA_2+66, 3MHz(-26dBc)

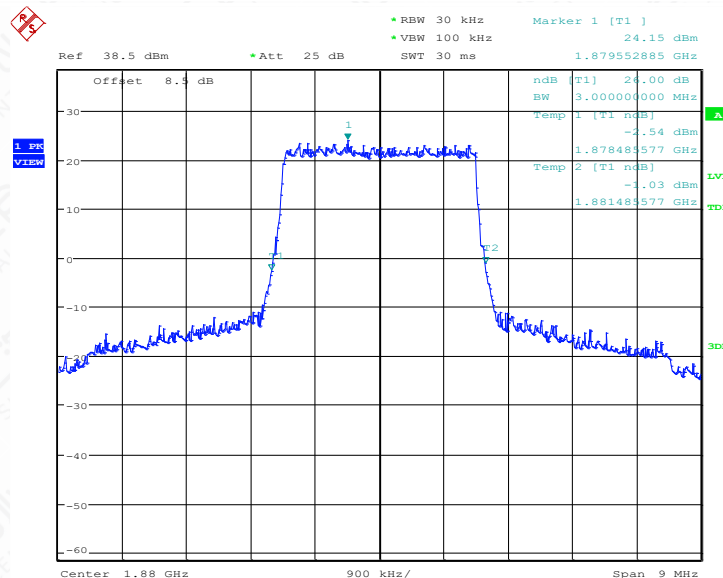
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	3.029	3.000	2.971

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



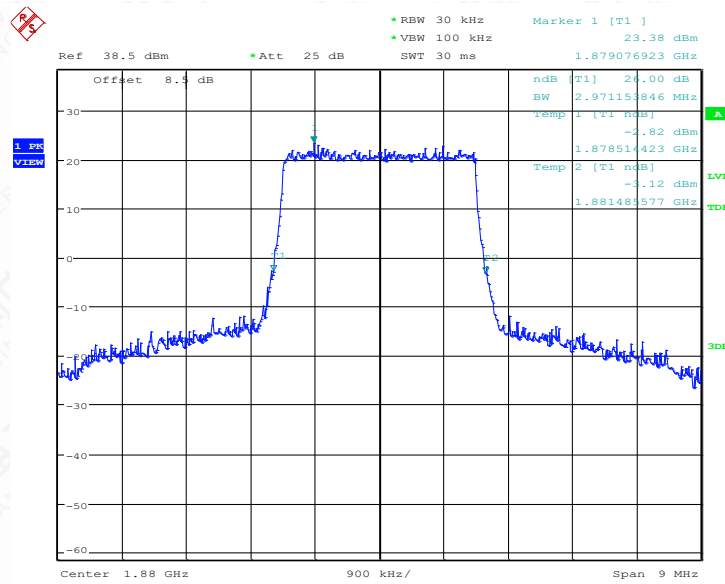
Date: 12.FEB.2023 17:59:02

LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 17:59:43

LTE band 2@CA_2+66, 3MHz Bandwidth, 64QAM (-26dBc BW)

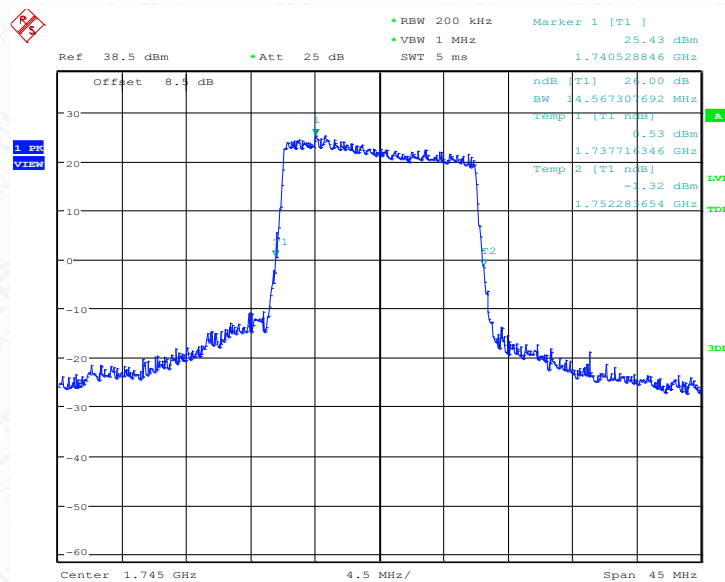


Date: 12.FEB.2023 18:00:29

LTE band 66@CA_2+66, 15MHz(-26dBc)

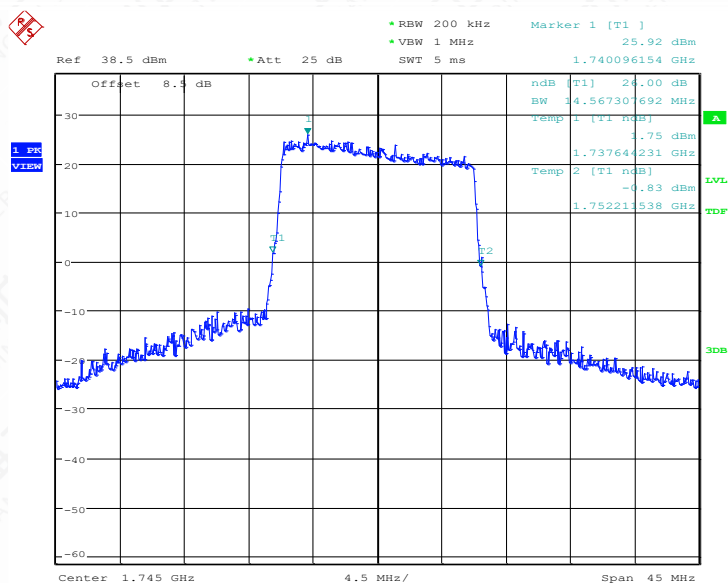
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	14.712	14.639	14.639

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



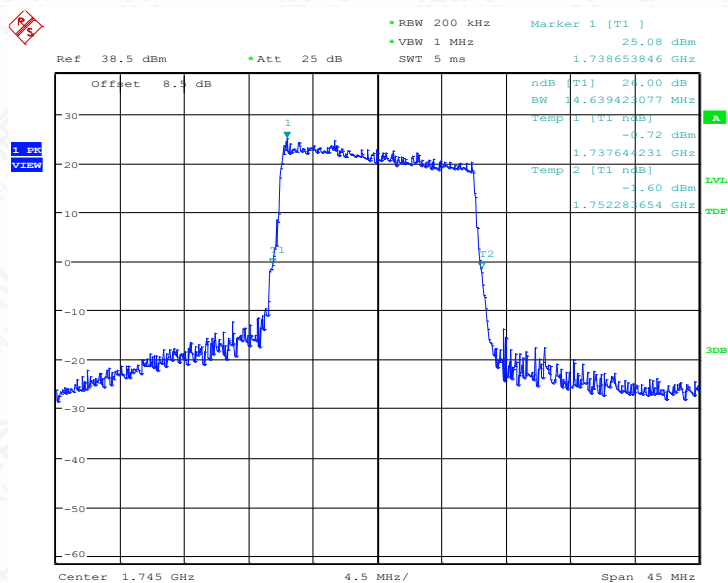
Date: 12.FEB.2023 18:42:43

LTE band 66@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:43:24

LTE band 66@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

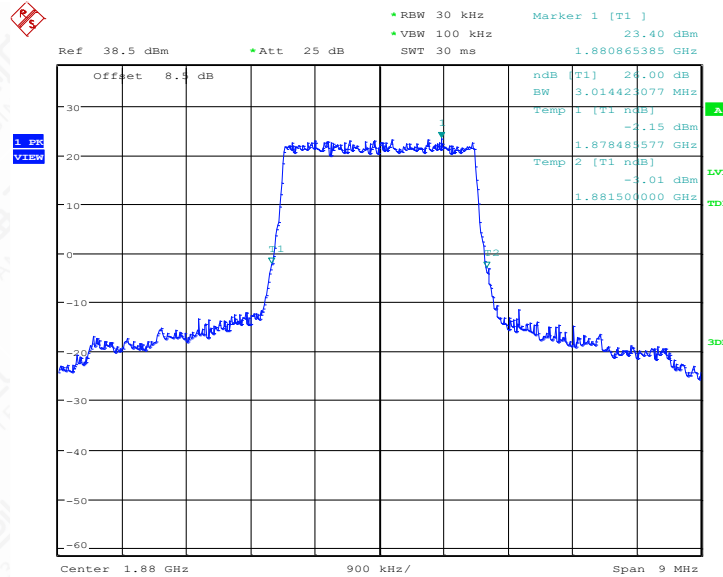


Date: 12.FEB.2023 18:44:11

LTE band 2@CA_2+66, 3MHz(-26dBc)

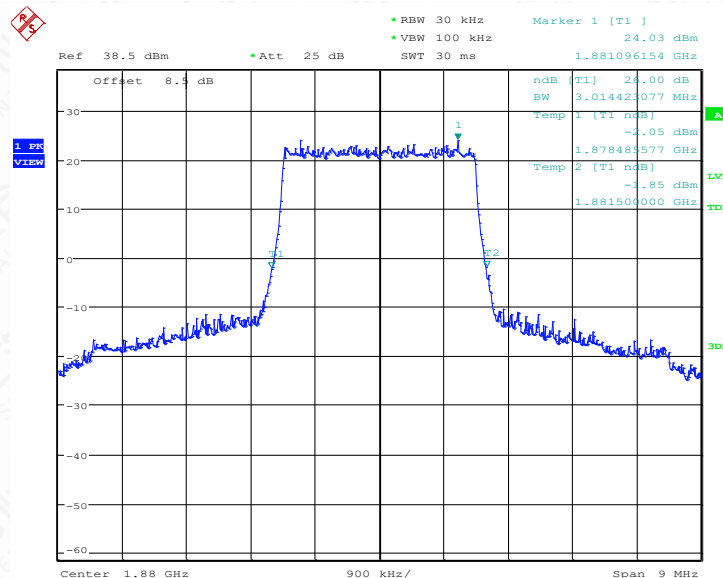
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	3.014	3.014	2.986

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



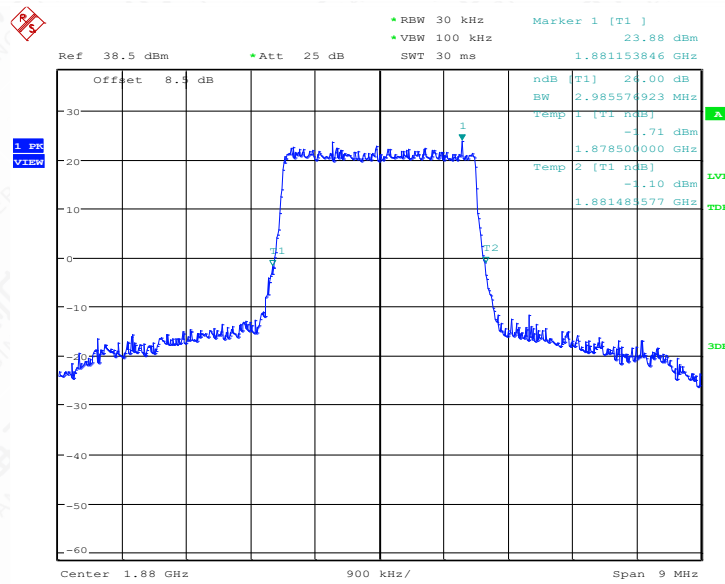
Date: 12.FEB.2023 18:01:43

LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:02:23

LTE band 2@CA_2+66, 3MHz Bandwidth, 64QAM (-26dBc BW)

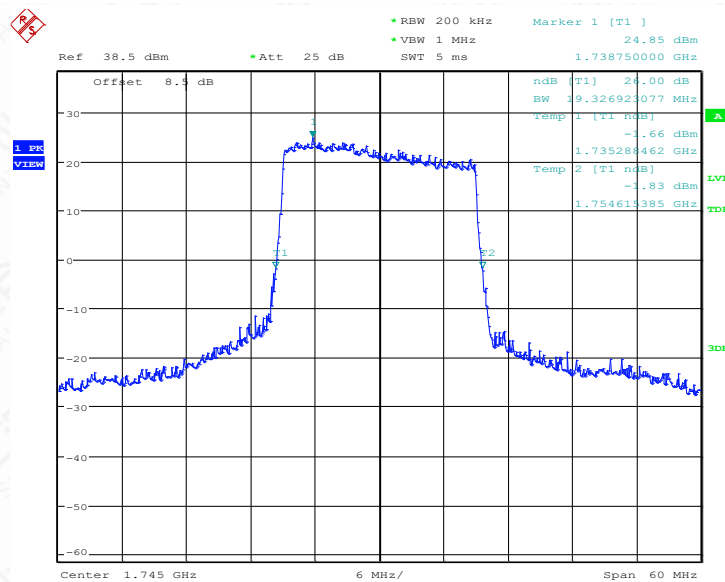


Date: 12.FEB.2023 18:03:08

LTE band 66@CA_2+66, 20MHz(-26dBc)

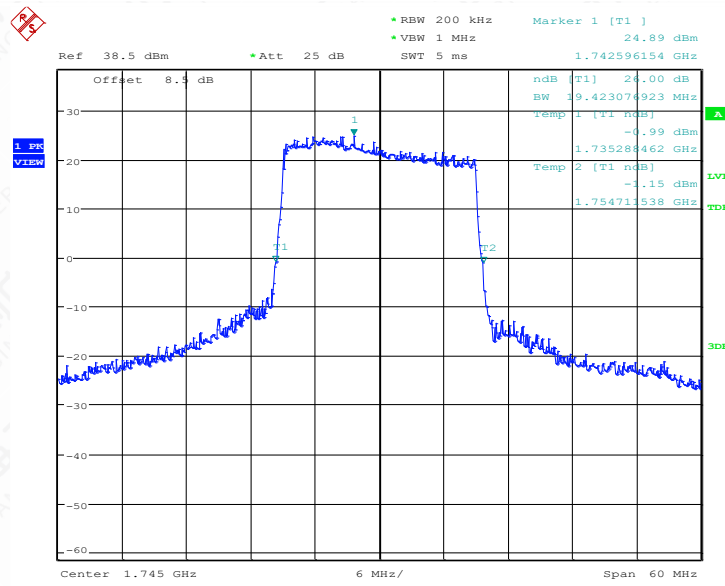
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	19.327	19.423	19.327

LTE band 66@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



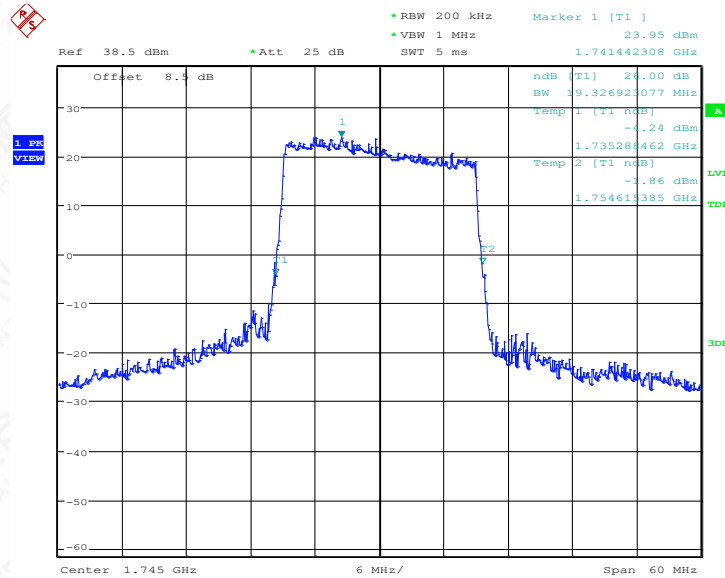
Date: 12.FEB.2023 18:45:24

LTE band 66@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:05

LTE band 66@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

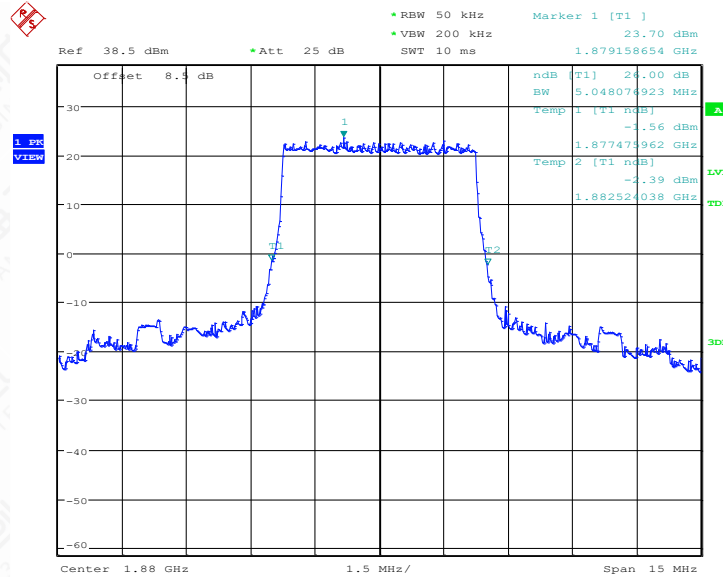


Date: 12.FEB.2023 18:46:52

LTE band 2@CA_2+66, 5MHz(-26dBc)

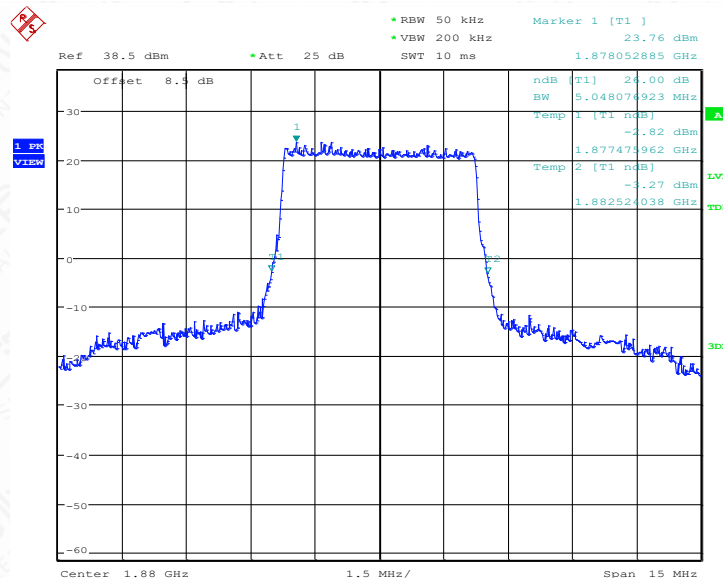
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	5.048	5.048	5.048

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



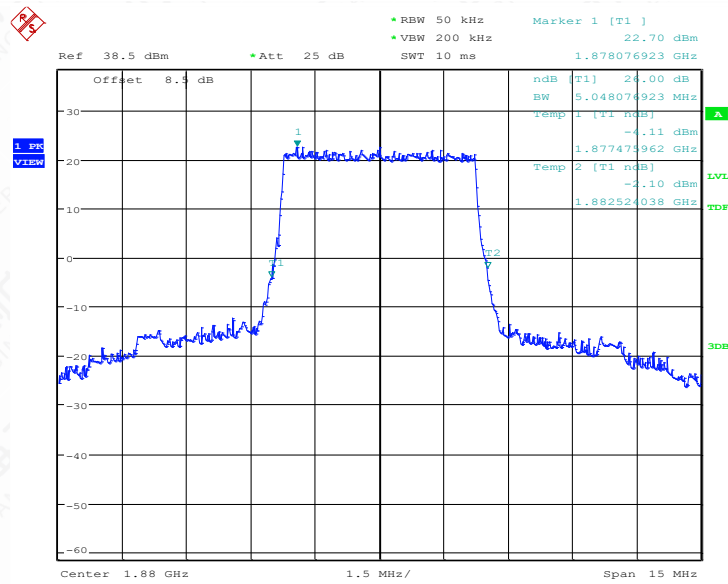
Date: 12.FEB.2023 18:04:27

LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:05:09

LTE band 2@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

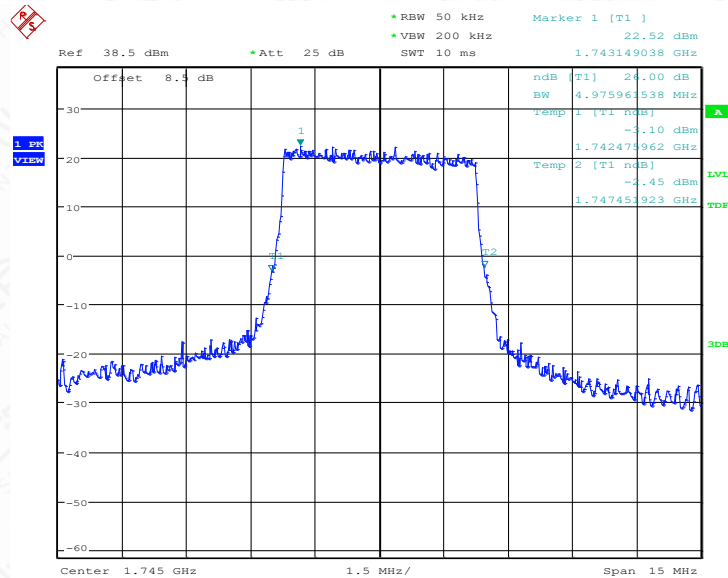


Date: 12.FEB.2023 18:05:54

LTE band 66@CA_2+66, 5MHz(-26dBc)

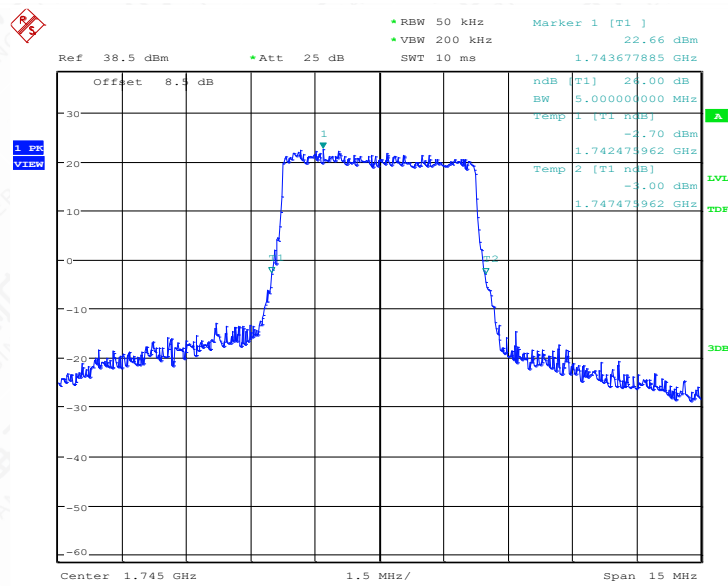
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	4.976	5.000	4.928

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dB BW)



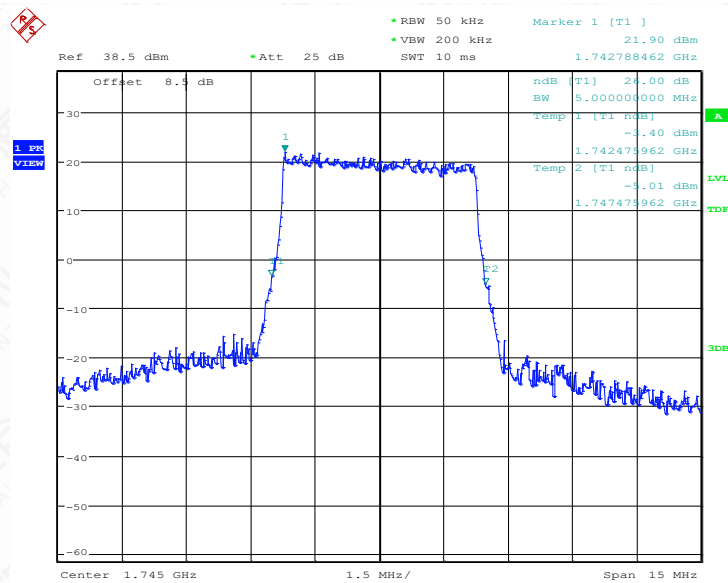
Date: 12.FEB.2023 18:37:14

LTE band 66@CA_2+66, 5MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 18:37:56

LTE band 66@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

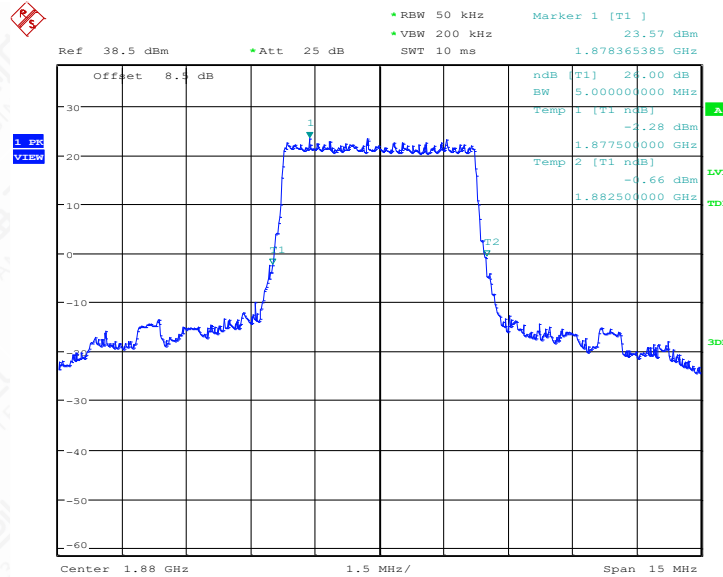


Date: 12.FEB.2023 18:38:42

LTE band 2@CA_2+66, 5MHz(-26dBc)

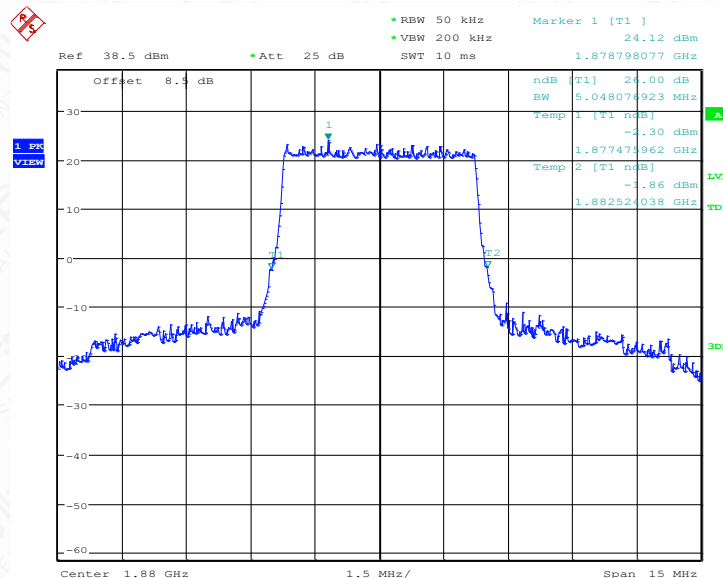
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	5.000	5.048	5.000

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



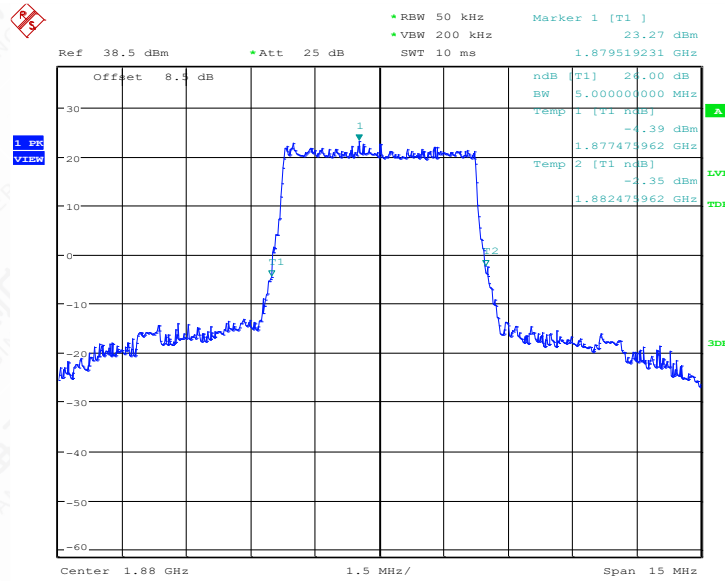
Date: 12.FEB.2023 18:07:09

LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:07:51

LTE band 2@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

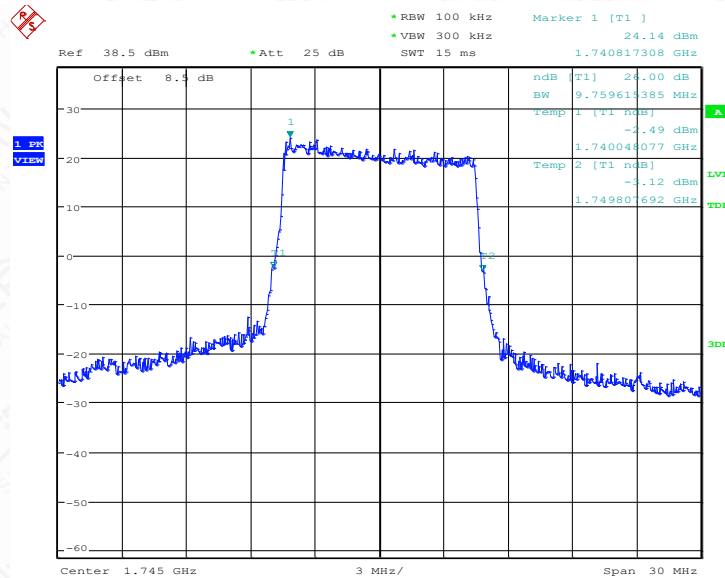


Date: 12.FEB.2023 18:08:36

LTE band 66@CA_2+66, 10MHz(-26dBc)

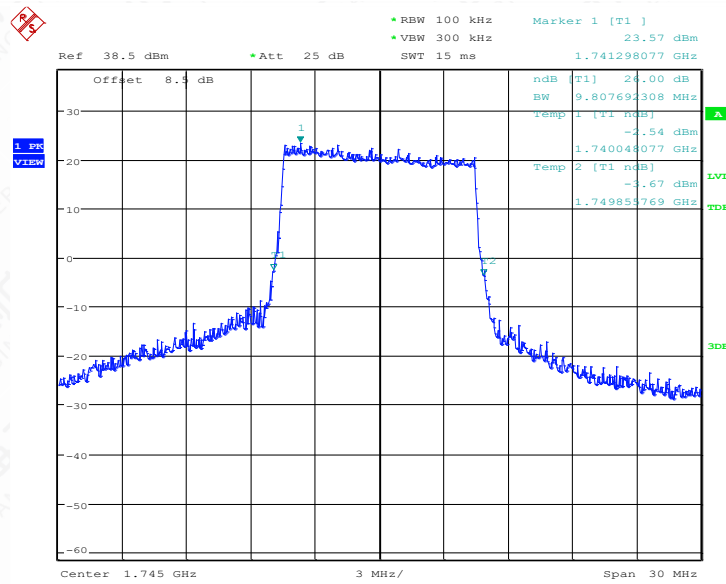
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	9.808	9.712	9.760

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



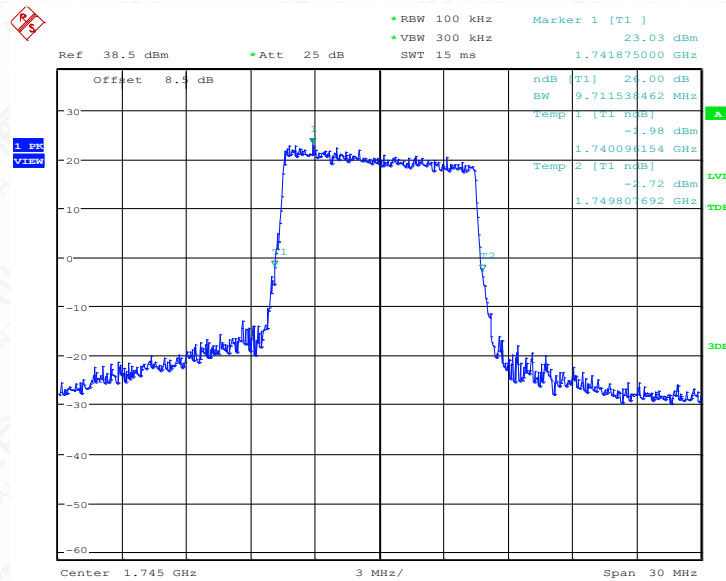
Date: 12.FEB.2023 18:39:56

LTE band 66@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:42

LTE band 66@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

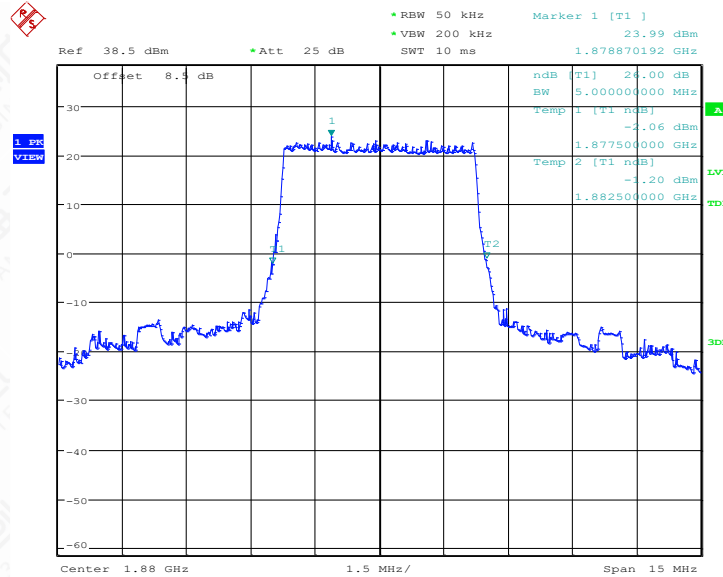


Date: 12.FEB.2023 18:41:29

LTE band 2@CA_2+66, 5MHz(-26dBc)

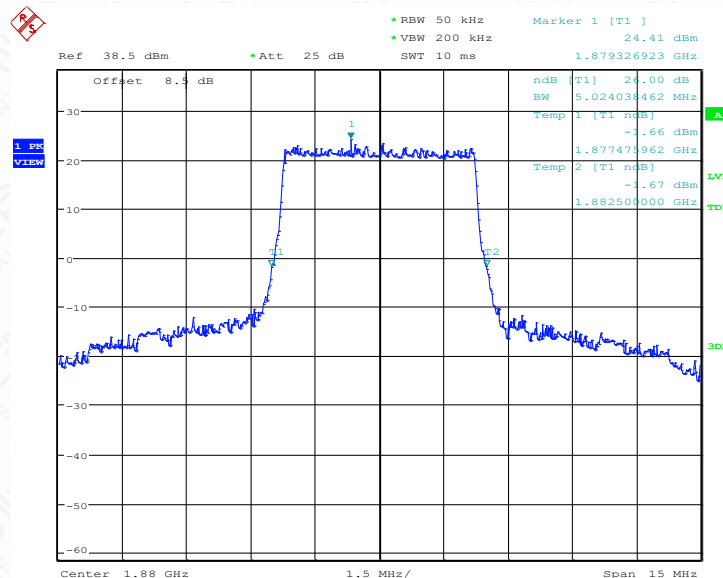
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	5.000	5.024	5.000

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



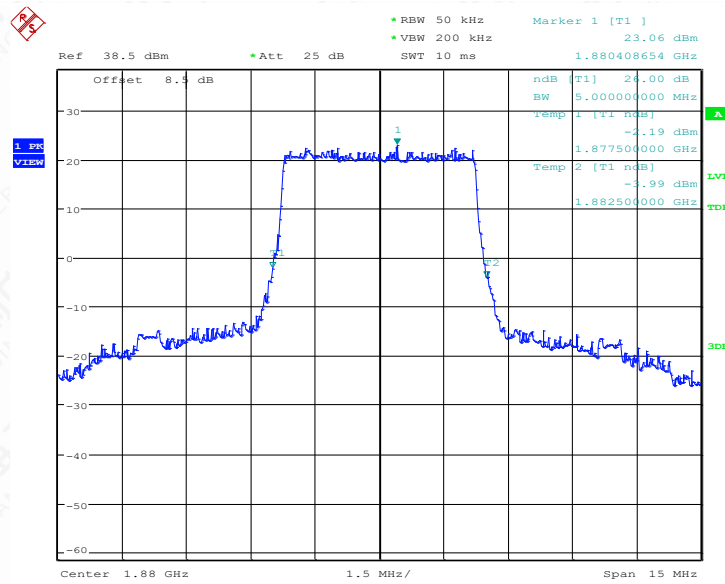
Date: 12.FEB.2023 18:09:51

LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:10:32

LTE band 2@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

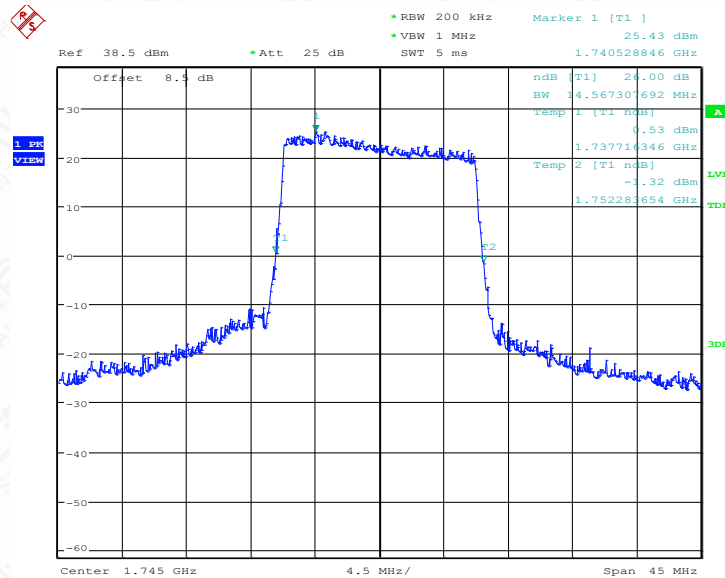


Date: 12.FEB.2023 18:11:18

LTE band 66@CA_2+66, 15MHz(-26dBc)

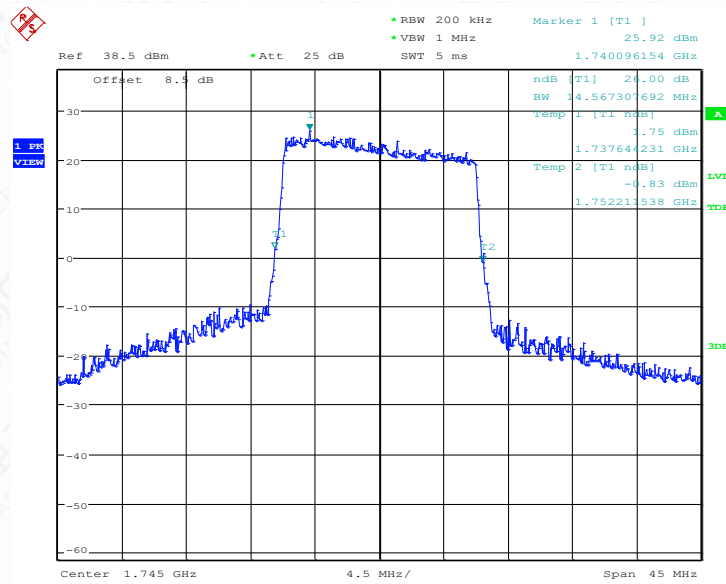
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	14.712	14.567	14.639

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



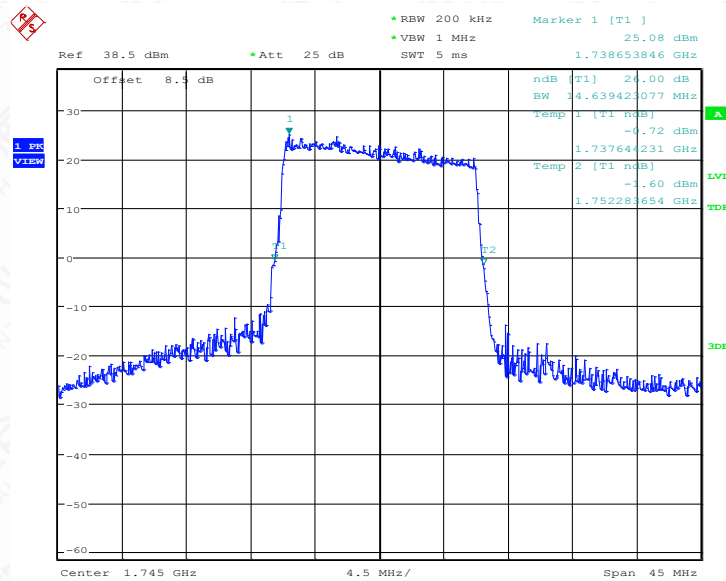
Date: 12.FEB.2023 18:42:43

LTE band 66@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:43:24

LTE band 66@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

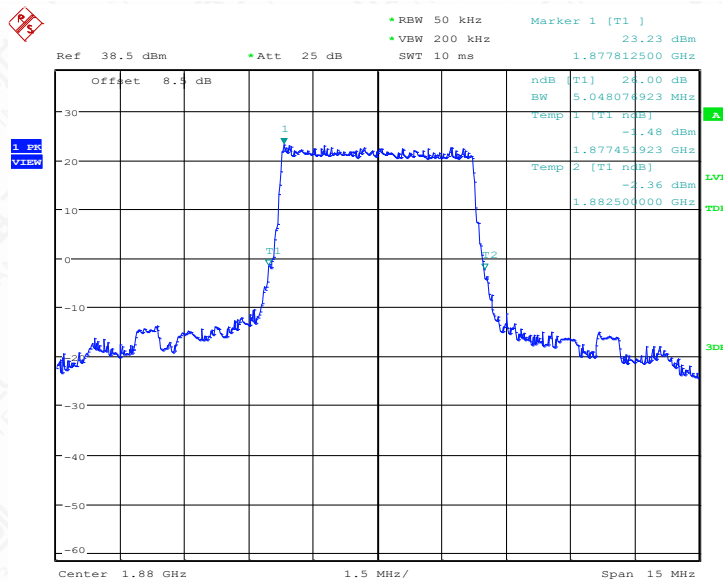


Date: 12.FEB.2023 18:44:11

LTE band 2@CA_2+66, 5MHz(-26dBc)

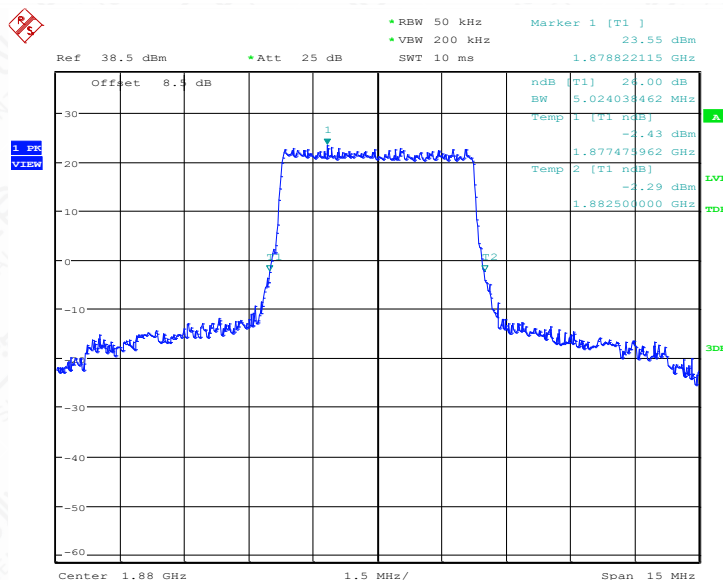
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	5.048	5.024	5.048

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



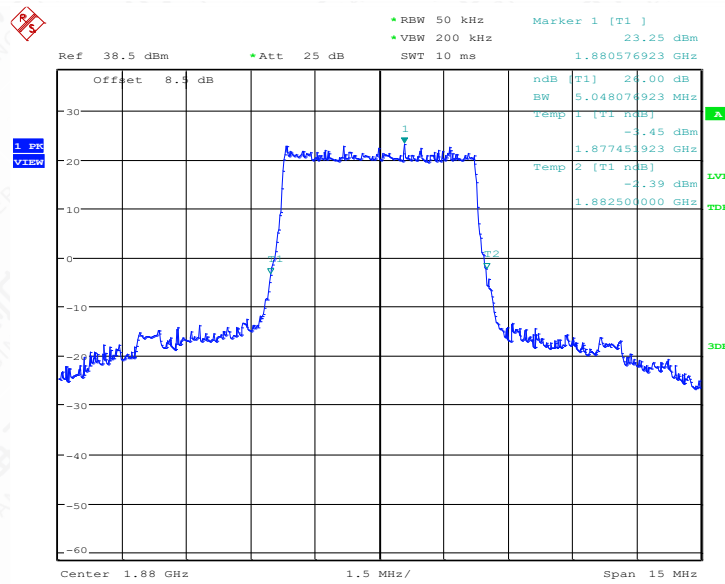
Date: 12.FEB.2023 18:12:32

LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:13:13

LTE band 2@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

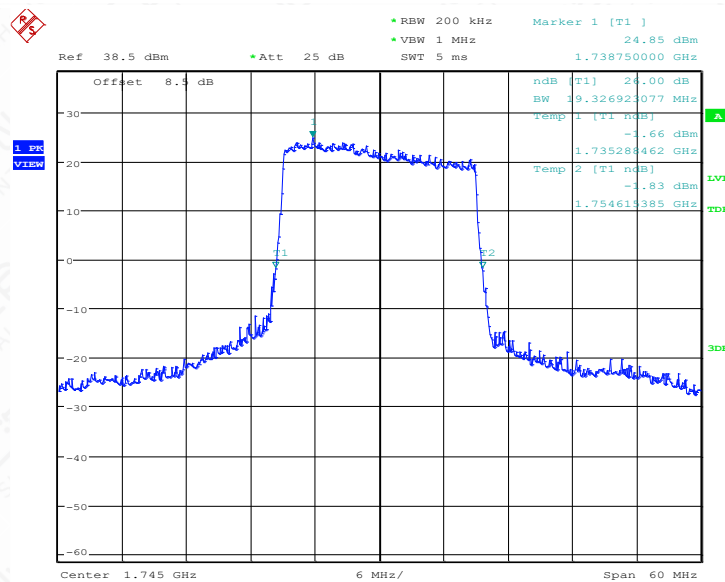


Date: 12.FEB.2023 18:13:59

LTE band 66@CA_2+66, 20MHz(-26dBc)

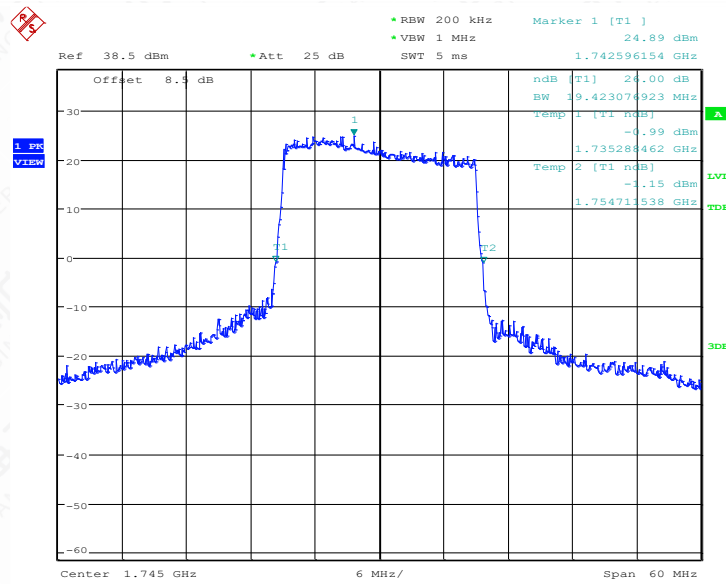
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	19.327	19.135	19.231

LTE band 66@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



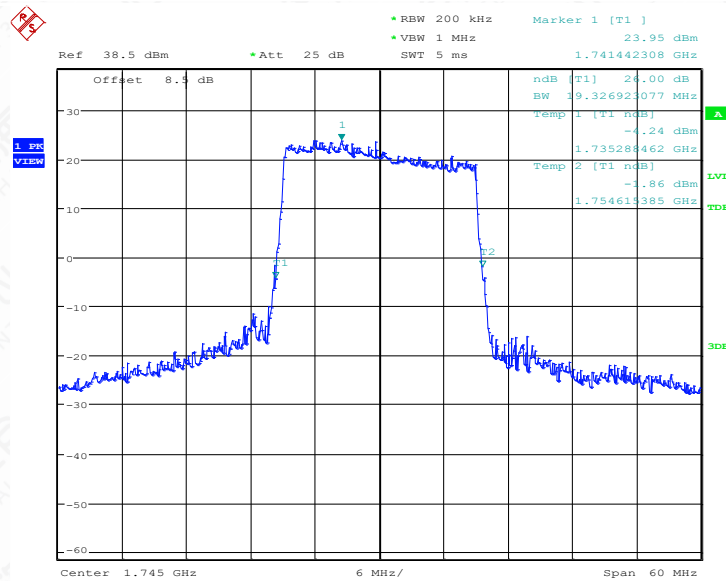
Date: 12.FEB.2023 18:45:24

LTE band 66@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:05

LTE band 66@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

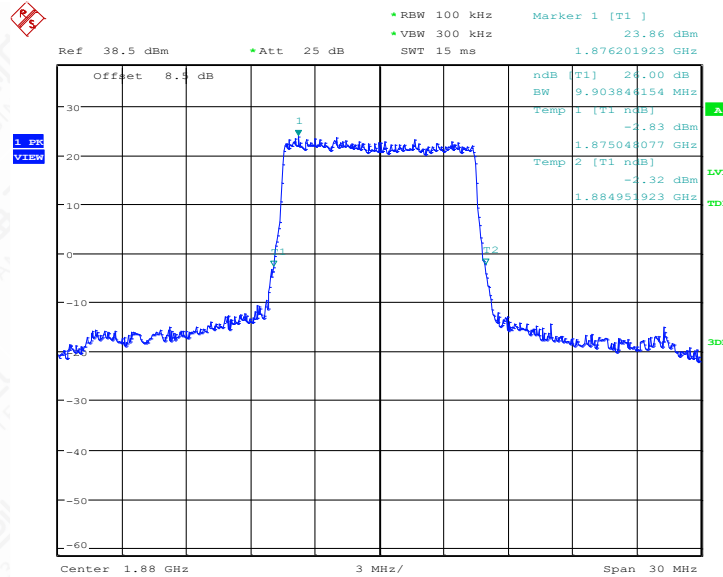


Date: 12.FEB.2023 18:46:52

LTE band 2@CA_2+66, 10MHz(-26dBc)

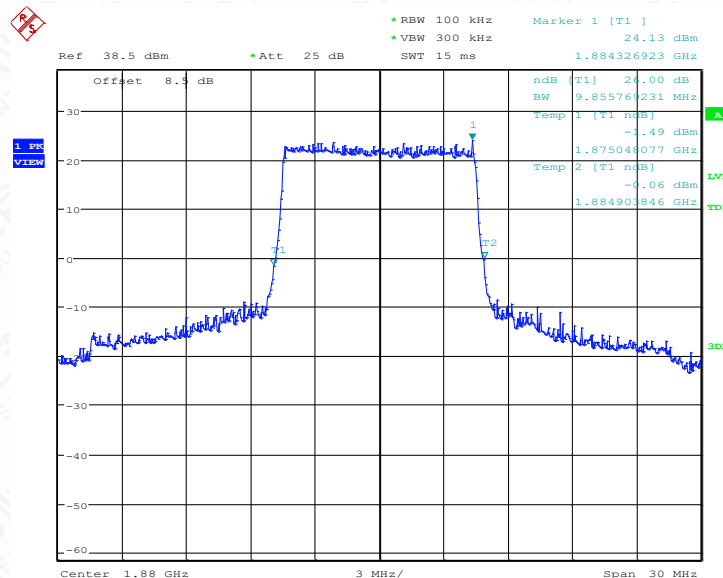
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	9.904	9.856	9.904

LTE band 2@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



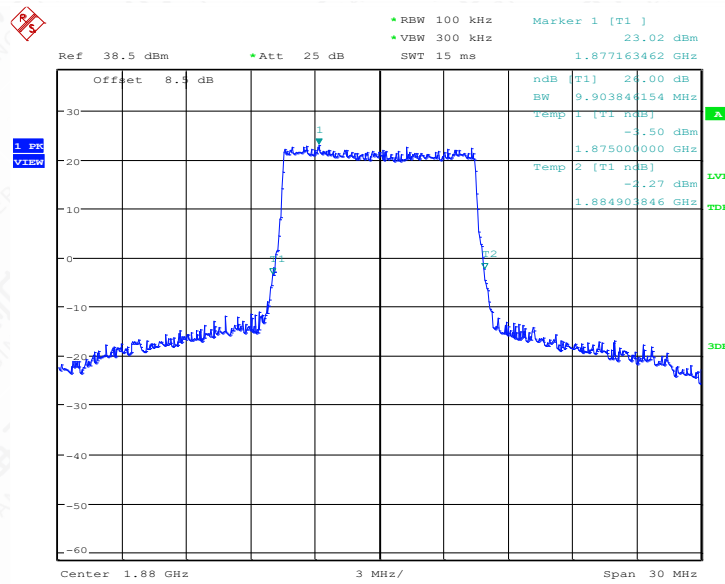
Date: 12.FEB.2023 18:15:17

LTE band 2@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:15:58

LTE band 2@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

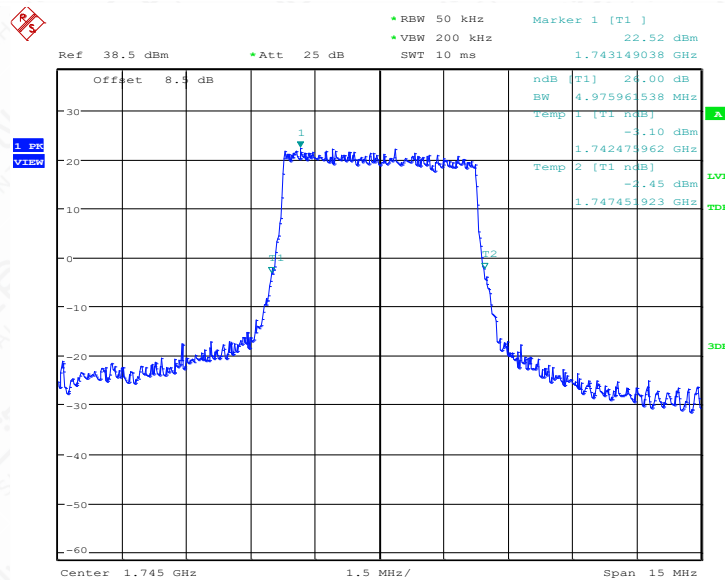


Date: 12.FEB.2023 18:16:44

LTE band 66@CA_2+66, 5MHz(-26dBc)

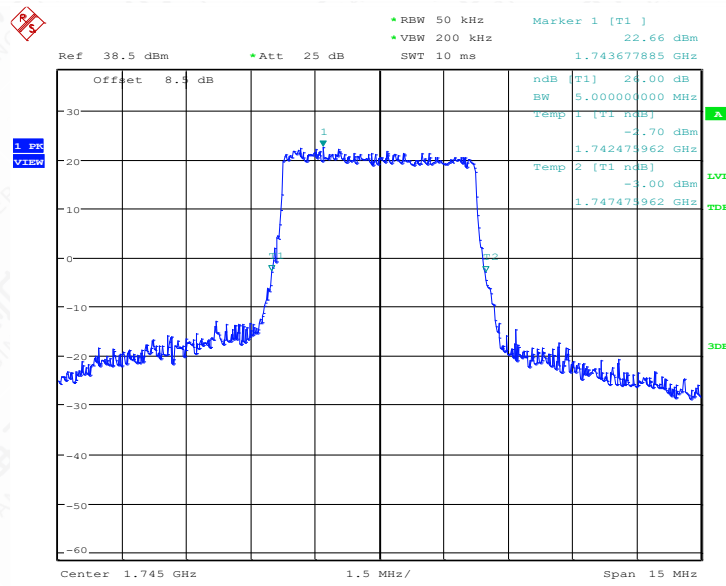
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	4.976	4.952	5.024

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dB BW)



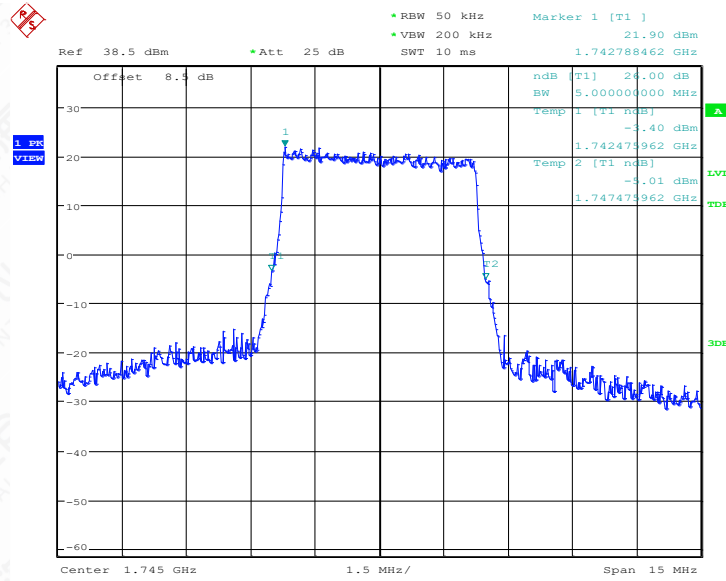
Date: 12.FEB.2023 18:37:14

LTE band 66@CA_2+66, 5MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 18:37:56

LTE band 66@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

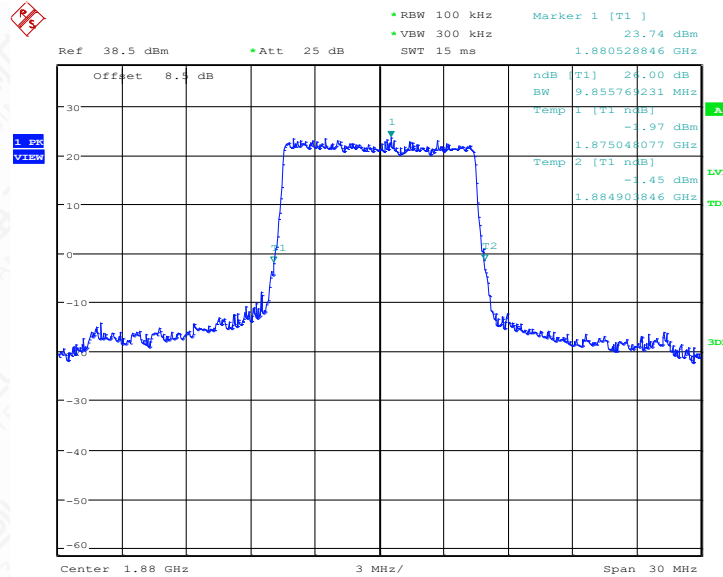


Date: 12.FEB.2023 18:38:42

LTE band 2@CA_2+66, 10MHz(-26dBc)

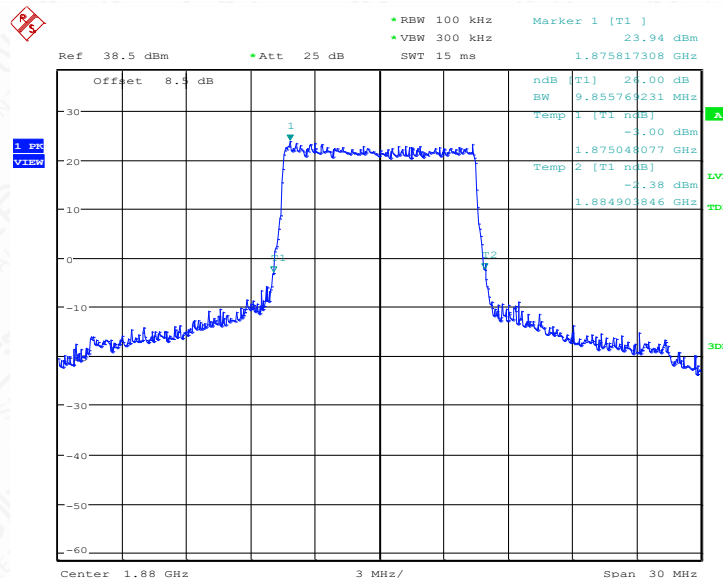
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	9.856	9.856	9.904

LTE band 2@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



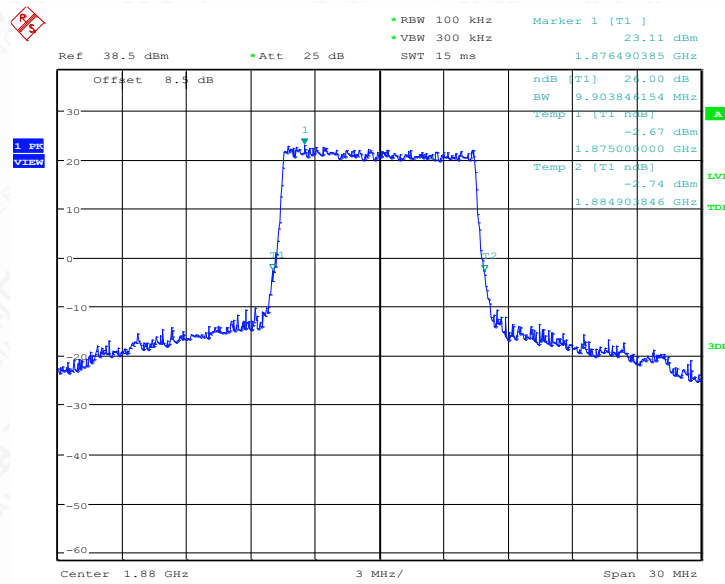
Date: 12.FEB.2023 18:17:59

LTE band 2@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:18:40

LTE band 2@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

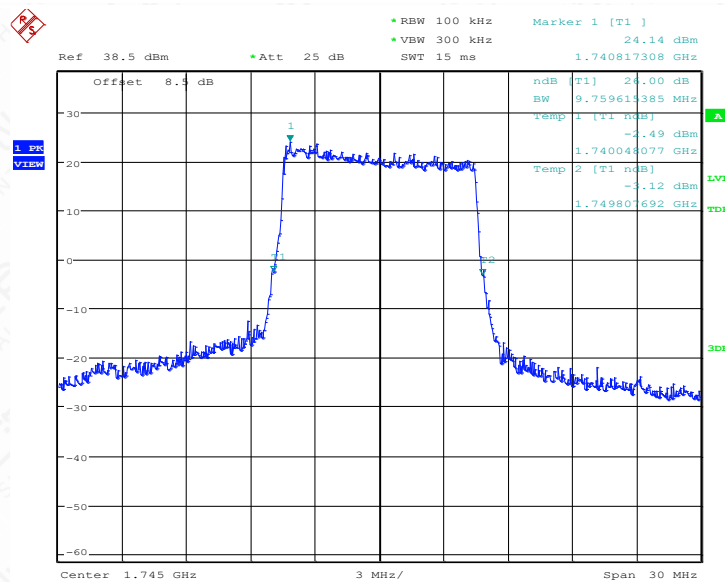


Date: 12.FEB.2023 18:19:25

LTE band 66@CA_2+66, 10MHz(-26dBc)

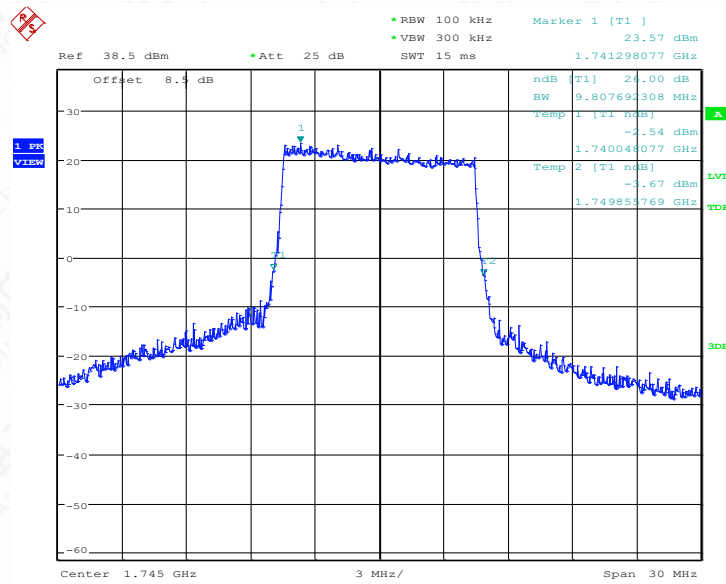
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	9.760	9.760	9.712

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



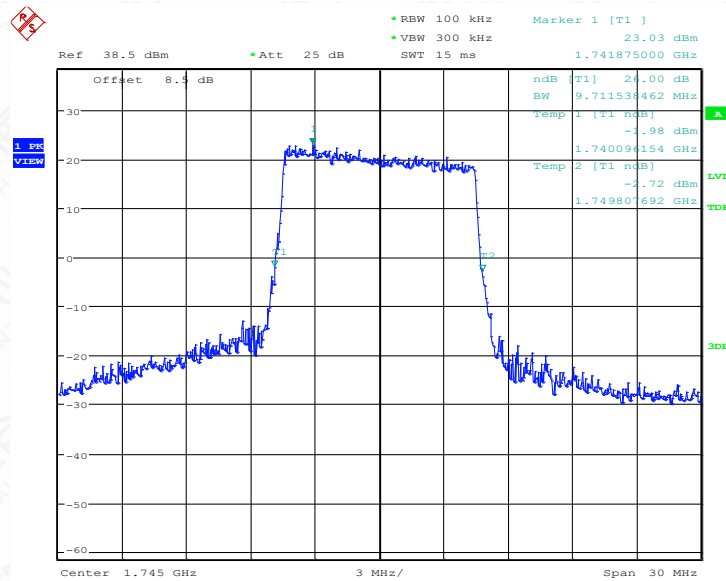
Date: 12.FEB.2023 18:39:56

LTE band 66@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:42

LTE band 66@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

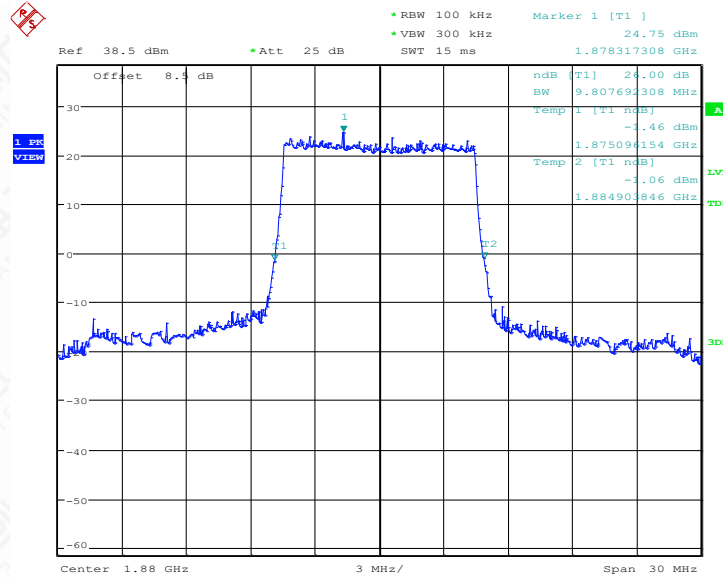


Date: 12.FEB.2023 18:41:29

LTE band 2@CA_2+66, 10MHz(-26dBc)

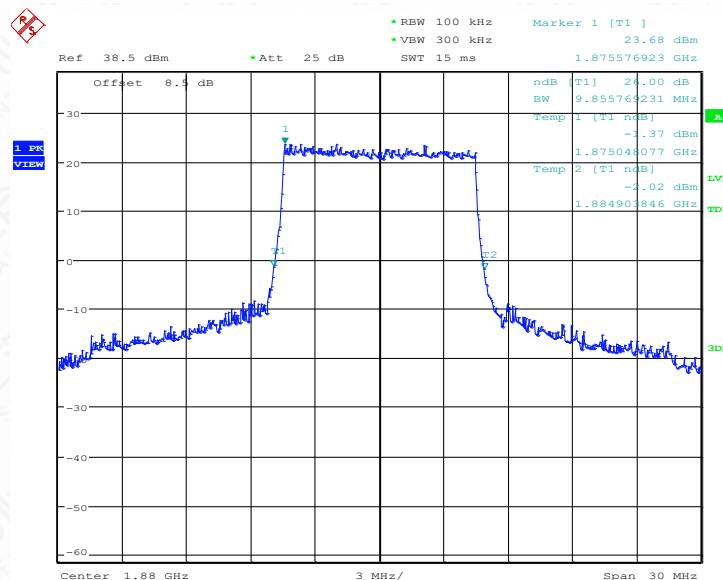
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	9.808	9.856	9.856

LTE band 2@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



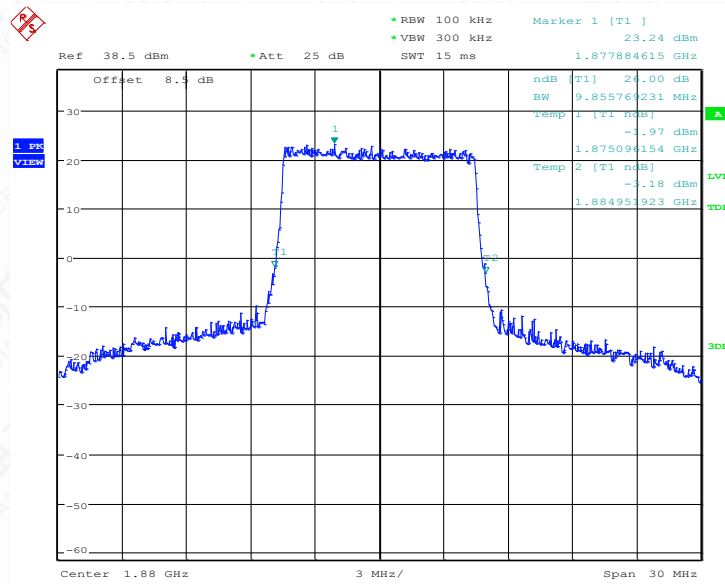
Date: 12.FEB.2023 18:20:40

LTE band 2@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:21:21

LTE band 2@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

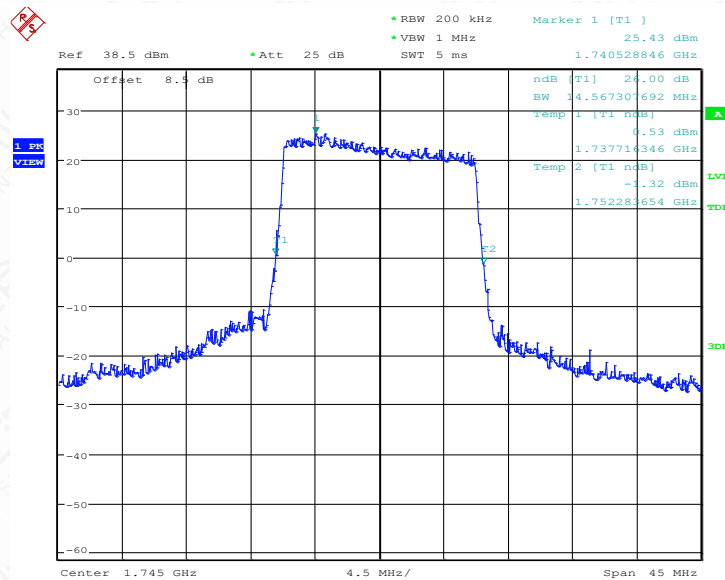


Date: 12.FEB.2023 18:22:06

LTE band 66@CA_2+66, 15MHz(-26dBc)

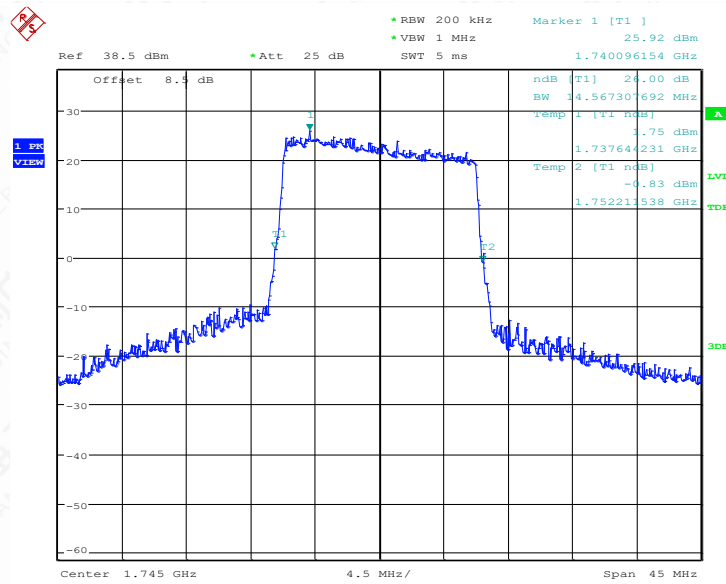
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	14.639	14.567	14.495

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



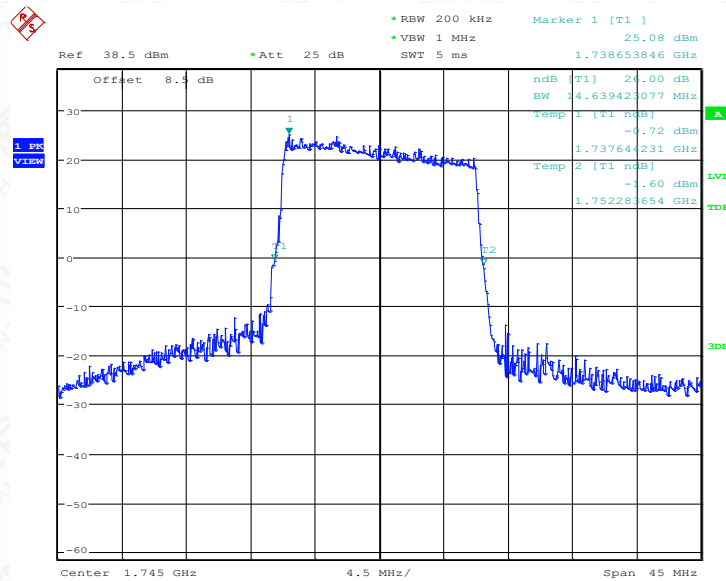
Date: 12.FEB.2023 18:42:43

LTE band 66@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:43:24

LTE band 66@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

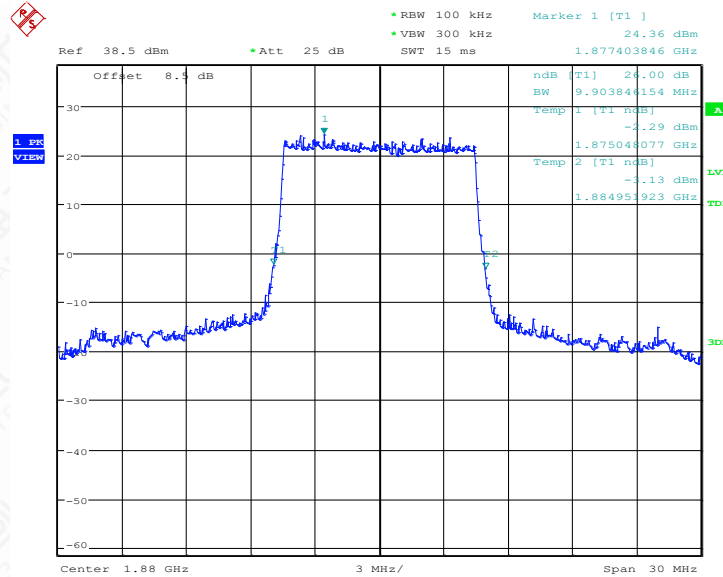


Date: 12.FEB.2023 18:44:11

LTE band 2@CA_2+66, 10MHz(-26dBc)

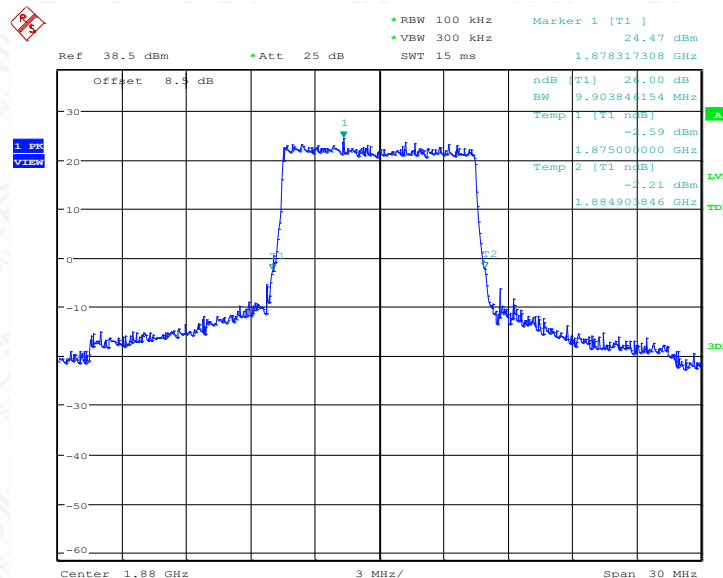
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	9.904	9.904	9.856

LTE band 2@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



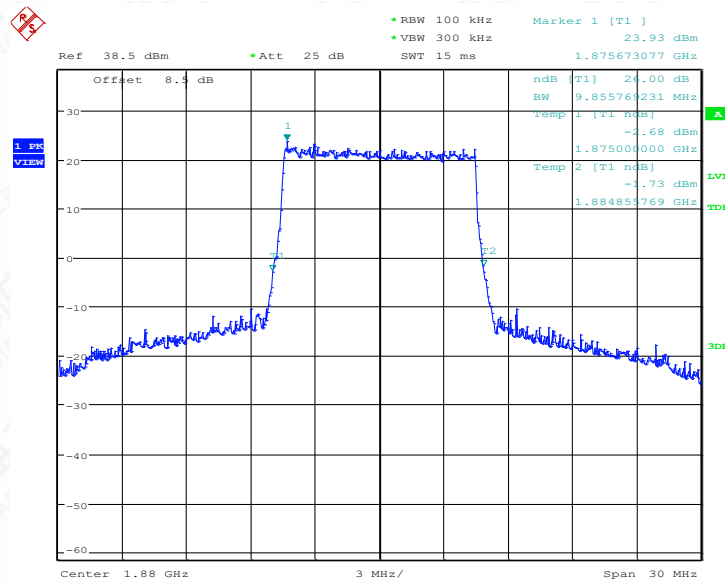
Date: 12.FEB.2023 18:23:21

LTE band 2@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:24:02

LTE band 2@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

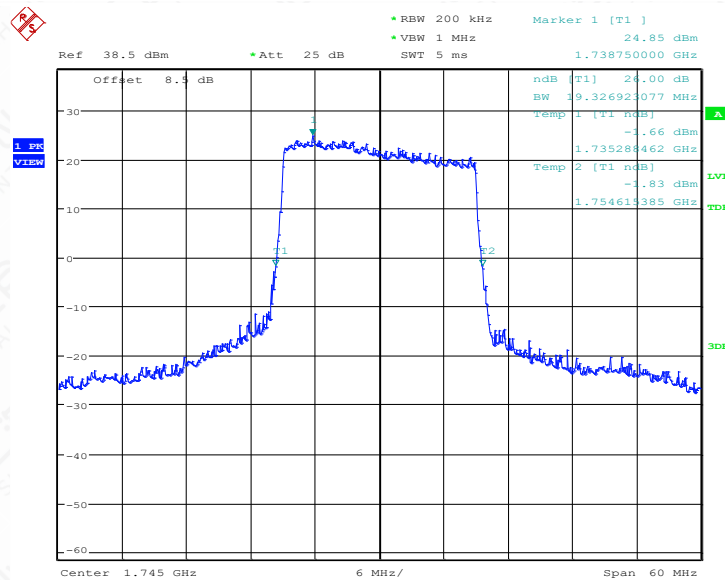


Date: 12.FEB.2023 18:24:47

LTE band 66@CA_2+66, 20MHz(-26dBc)

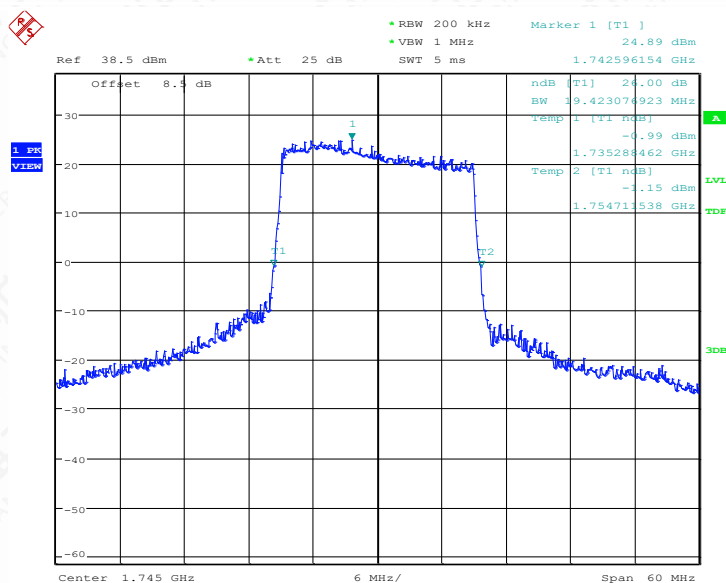
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	19.327	19.327	19.327

LTE band 66@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



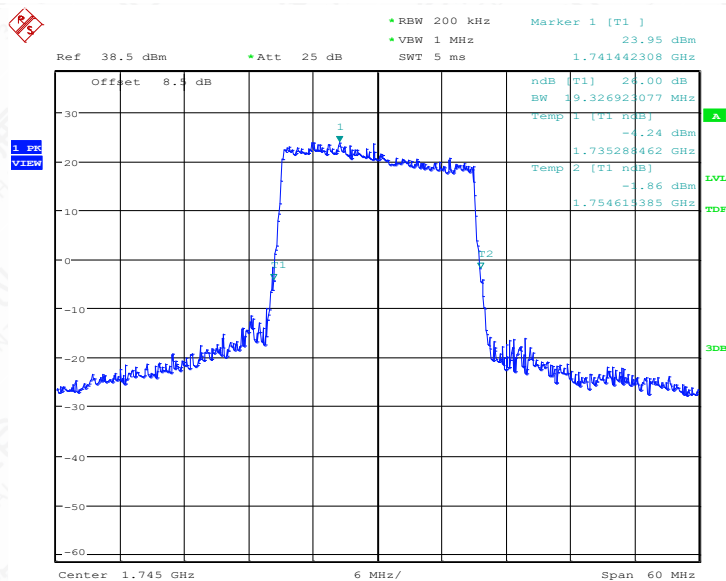
Date: 12.FEB.2023 18:45:24

LTE band 66@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:05

LTE band 66@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

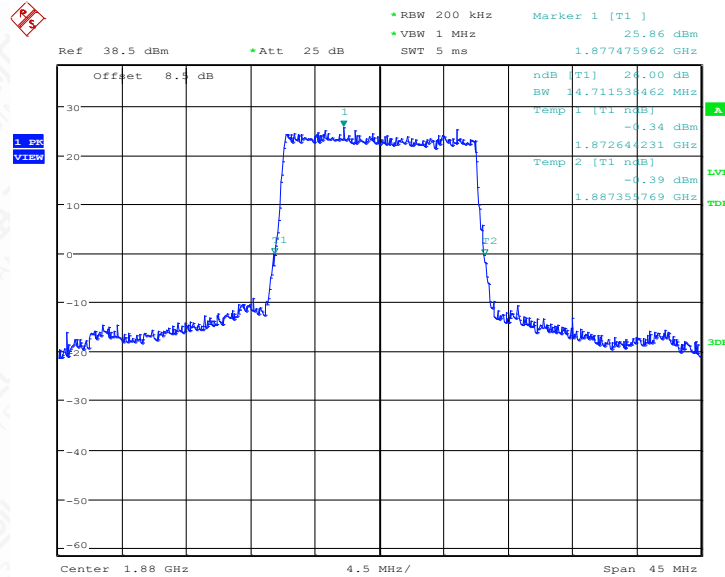


Date: 12.FEB.2023 18:46:52

LTE band 2@CA_2+66, 15MHz(-26dBc)

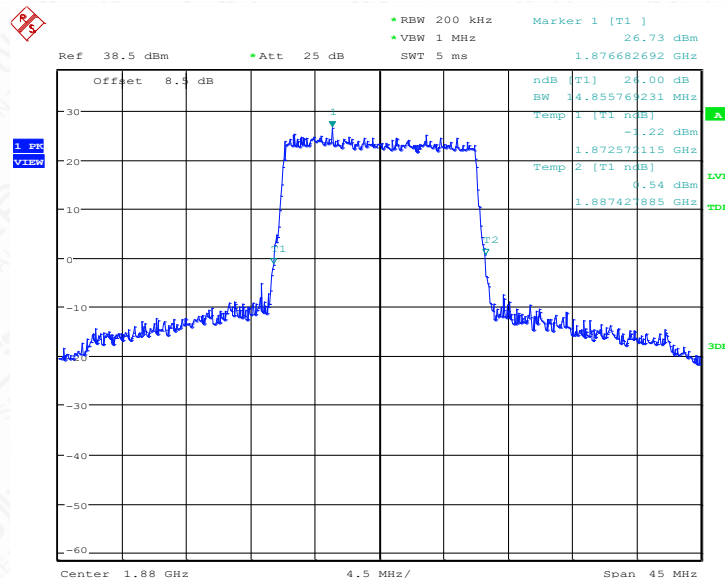
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	14.712	14.856	14.712

LTE band 2@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



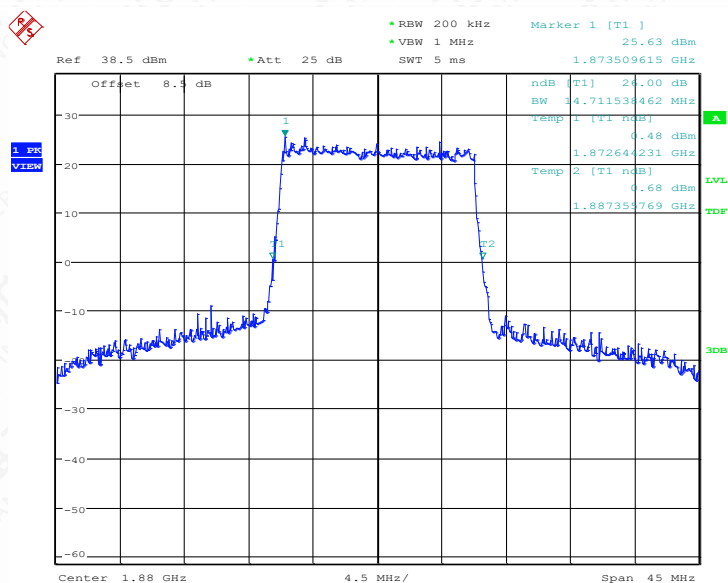
Date: 12.FEB.2023 18:26:06

LTE band 2@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:26:48

LTE band 2@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

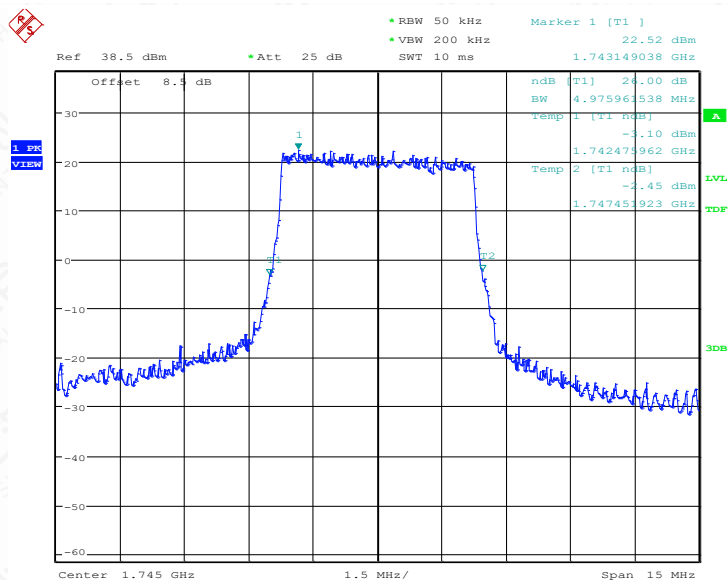


Date: 12.FEB.2023 18:27:33

LTE band 66@CA_2+66, 5MHz(-26dBc)

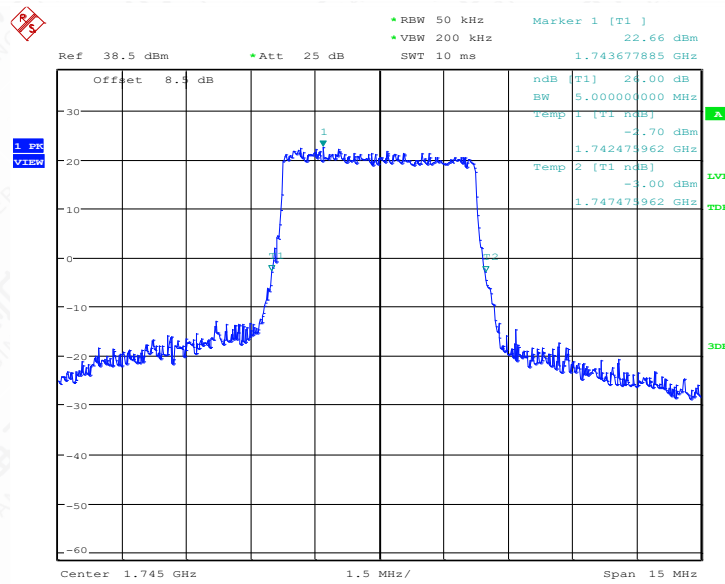
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	4.952	5.000	5.000

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dB BW)



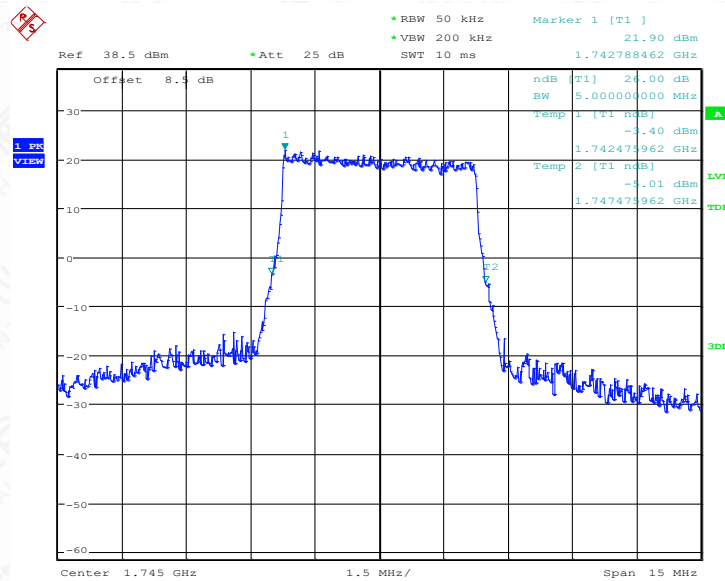
Date: 12.FEB.2023 18:37:14

LTE band 66@CA_2+66, 5MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 18:37:56

LTE band 66@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

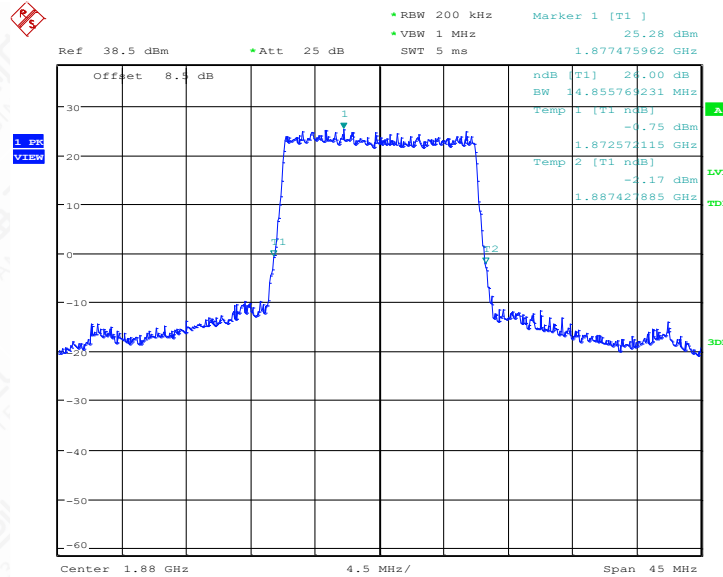


Date: 12.FEB.2023 18:38:42

LTE band 2@CA_2+66, 15MHz(-26dBc)

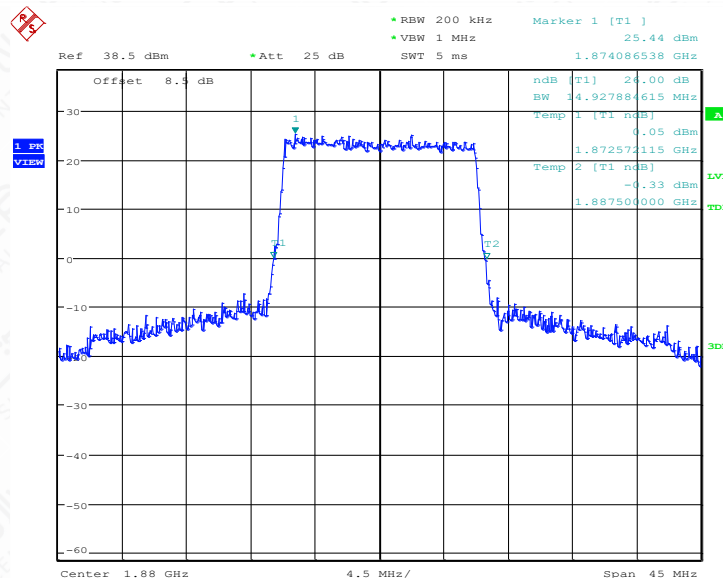
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	14.856	14.928	14.784

LTE band 2@CA_2+66, 15MHz Bandwidth, QPSK (-26dB BW)



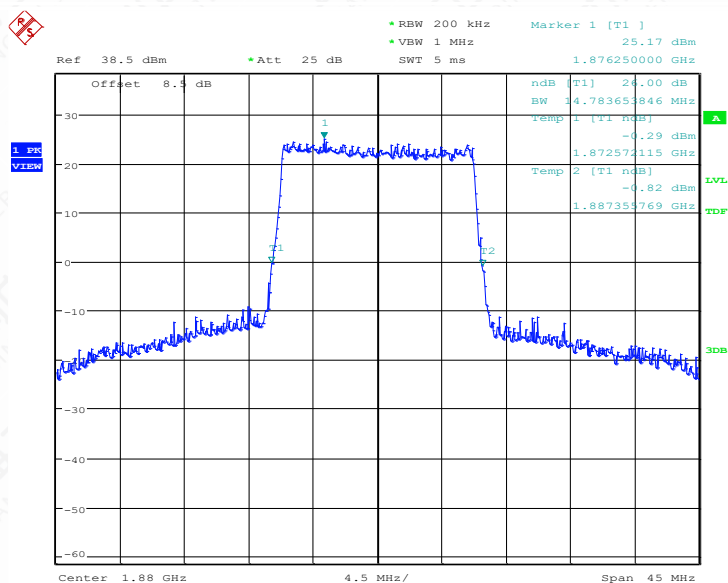
Date: 12.FEB.2023 18:28:48

LTE band 2@CA_2+66, 15MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 18:29:30

LTE band 2@CA_2+66, 15MHz Bandwidth, 64QAM (-26dB BW)

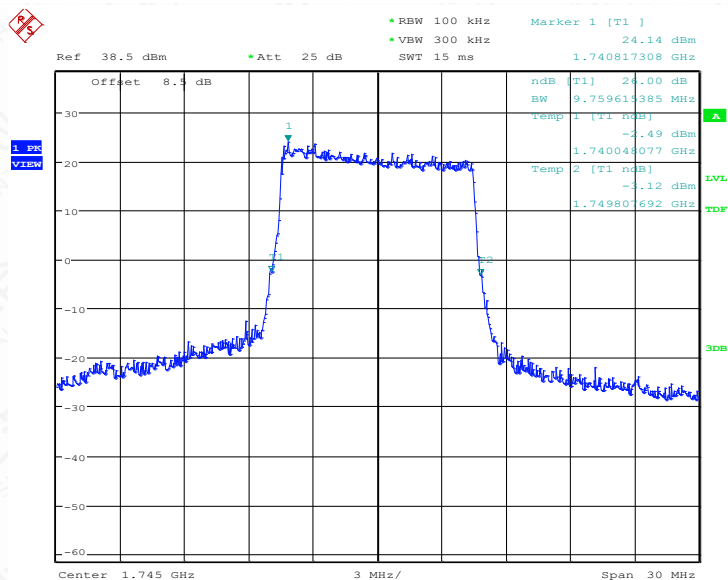


Date: 12.FEB.2023 18:30:15

LTE band 66@CA_2+66, 10MHz(-26dBc)

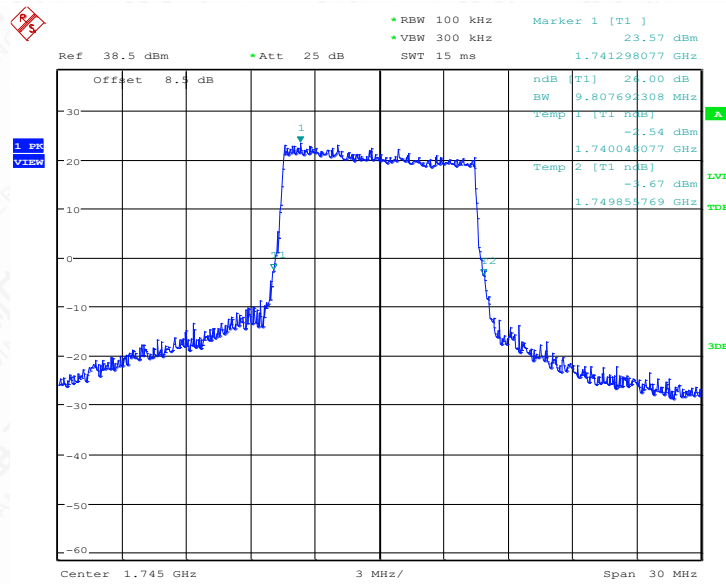
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	9.760	9.808	9.808

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



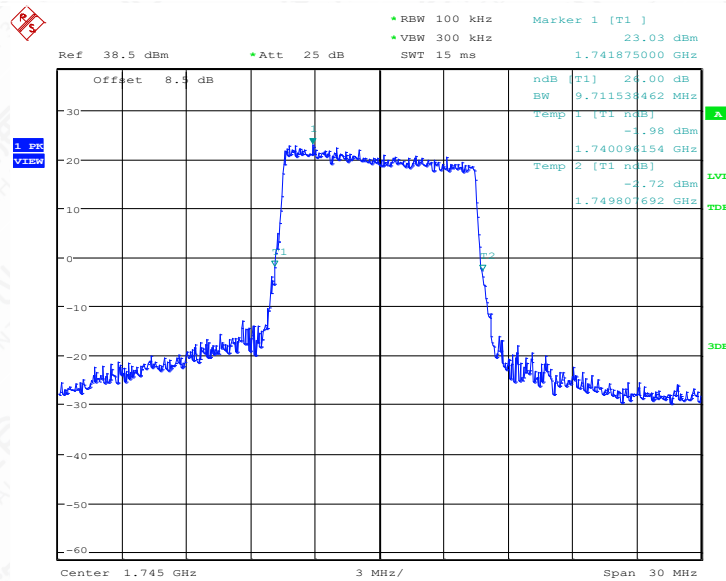
Date: 12.FEB.2023 18:39:56

LTE band 66@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:42

LTE band 66@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

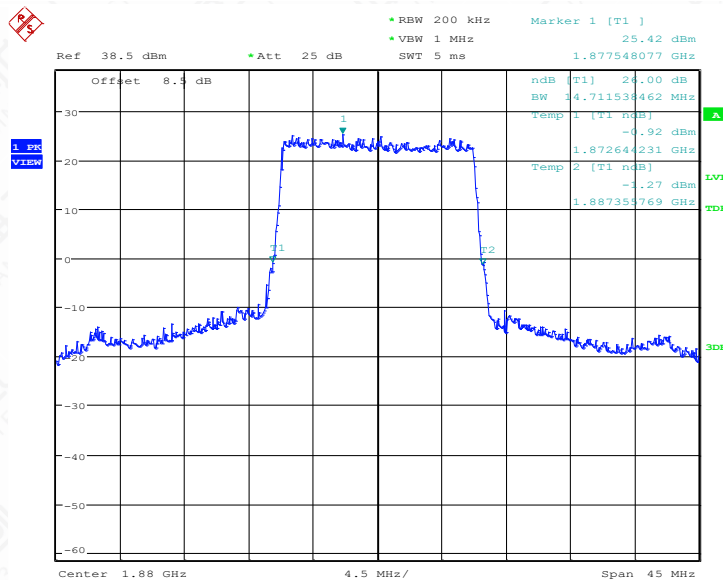


Date: 12.FEB.2023 18:41:29

LTE band 2@CA_2+66, 15MHz(-26dBc)

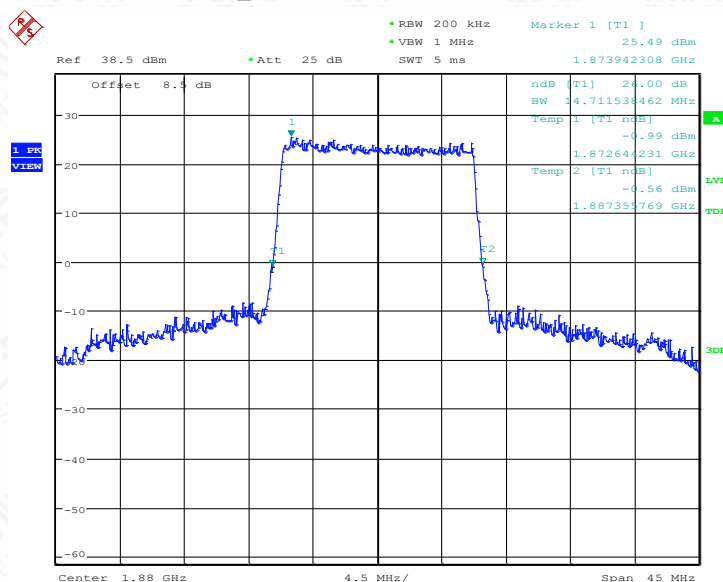
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	14.712	14.712	14.784

LTE band 2@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



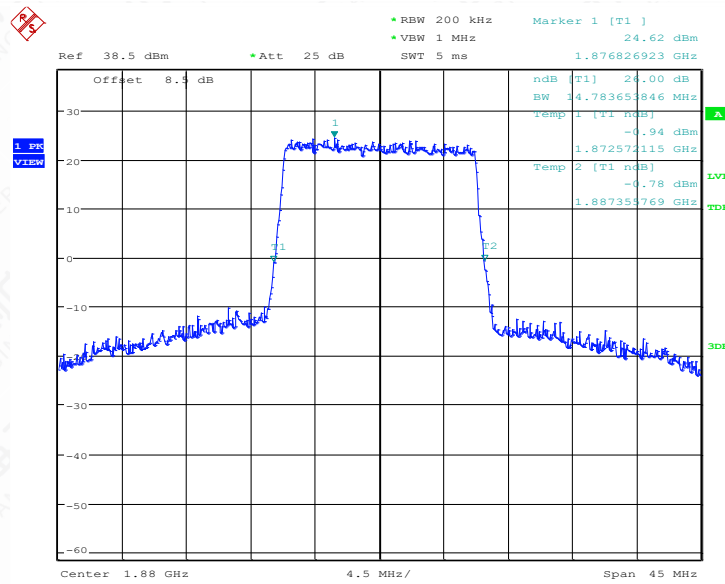
Date: 12.FEB.2023 18:31:30

LTE band 2@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:32:11

LTE band 2@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

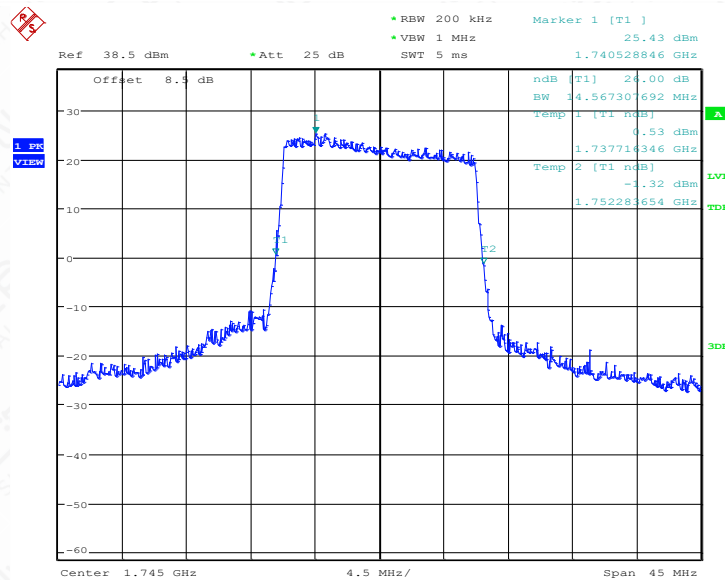


Date: 12.FEB.2023 18:32:57

LTE band 66@CA_2+66, 15MHz(-26dBc)

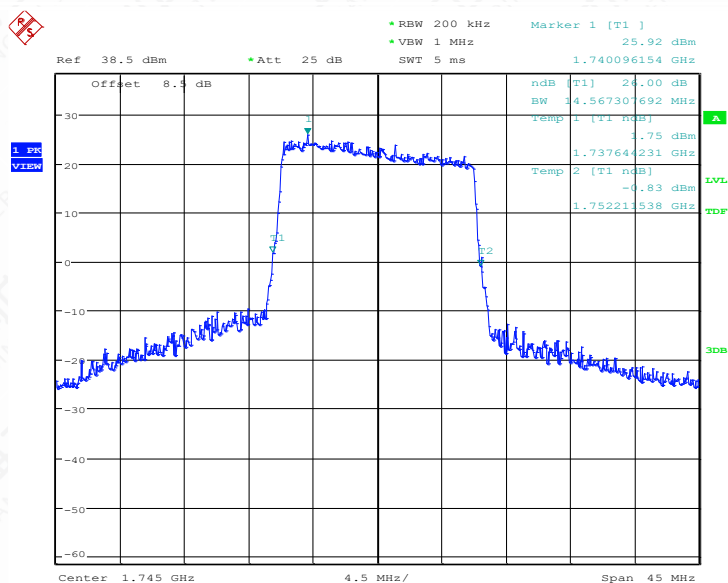
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	14.712	14.712	14.639

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



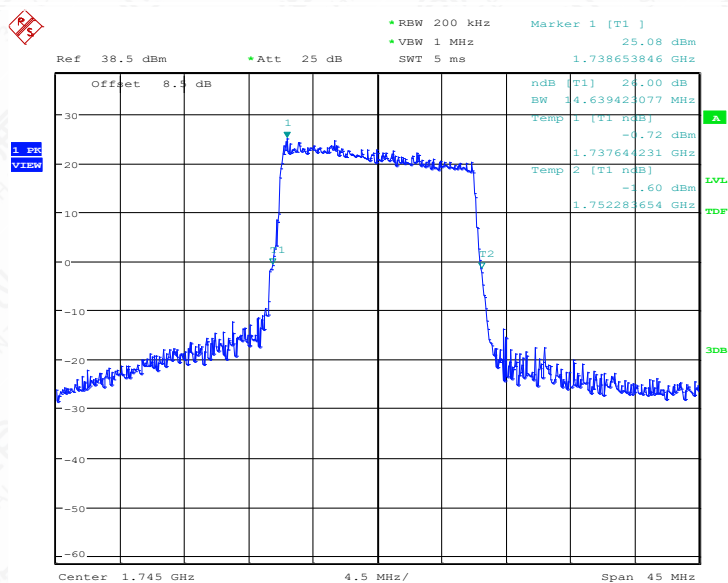
Date: 12.FEB.2023 18:42:43

LTE band 66@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:43:24

LTE band 66@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

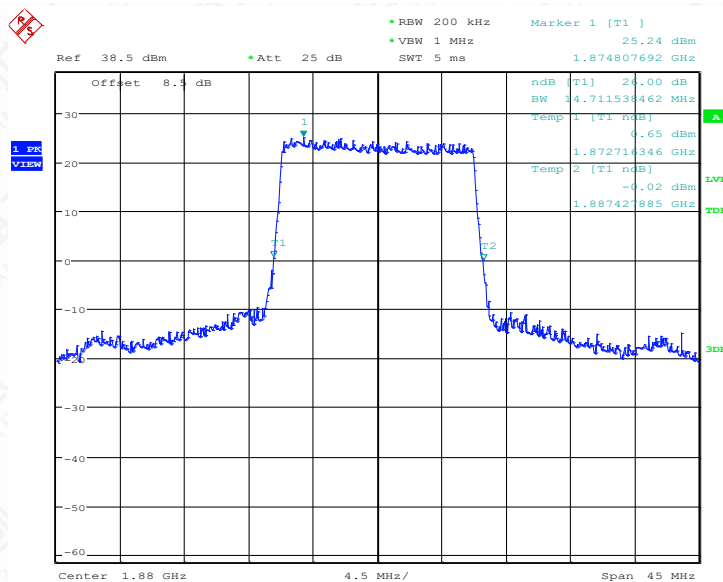


Date: 12.FEB.2023 18:44:11

LTE band 2@CA_2+66, 15MHz(-26dBc)

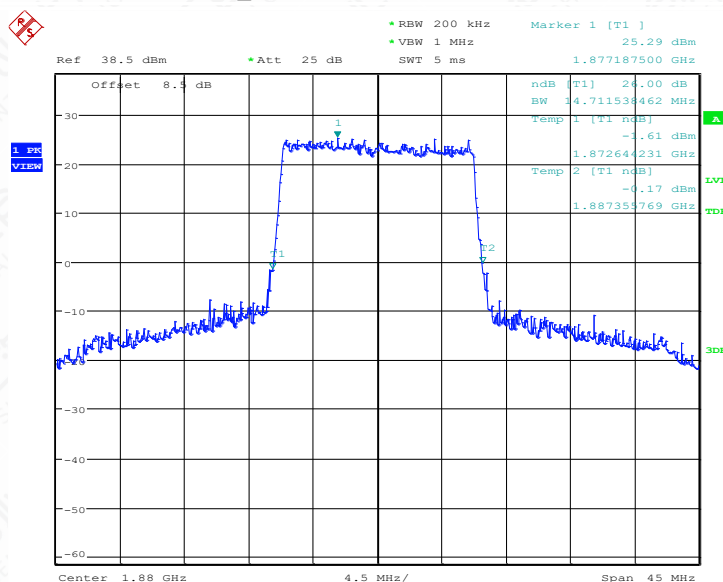
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	14.712	14.712	14.784

LTE band 2@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



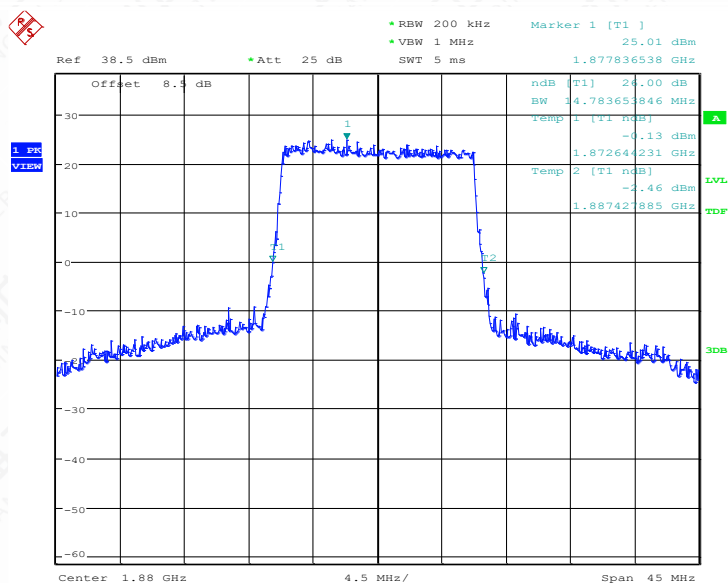
Date: 12.FEB.2023 18:34:10

LTE band 2@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:34:51

LTE band 2@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

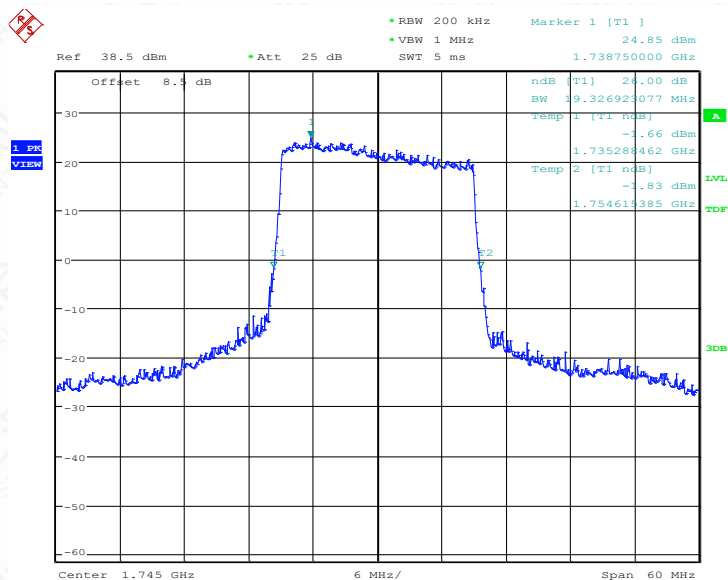


Date: 12.FEB.2023 18:35:36

LTE band 66@CA_2+66, 20MHz(-26dBc)

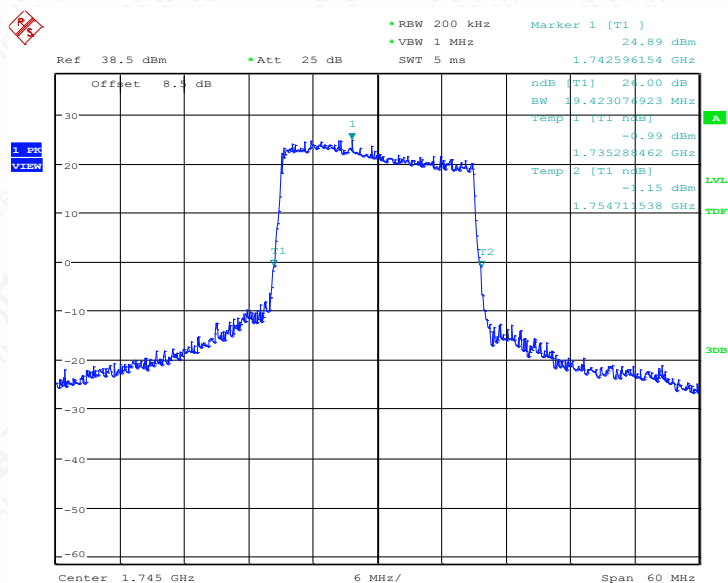
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	19.327	19.327	19.519

LTE band 66@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



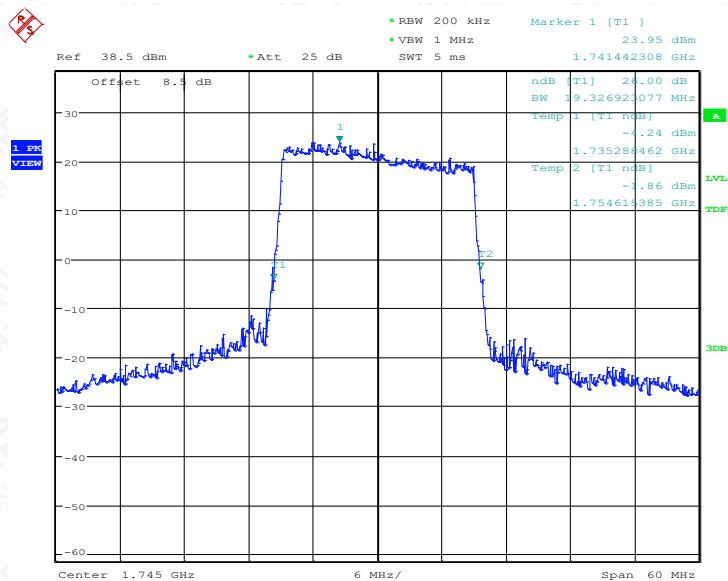
Date: 12.FEB.2023 18:45:24

LTE band 66@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:05

LTE band 66@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

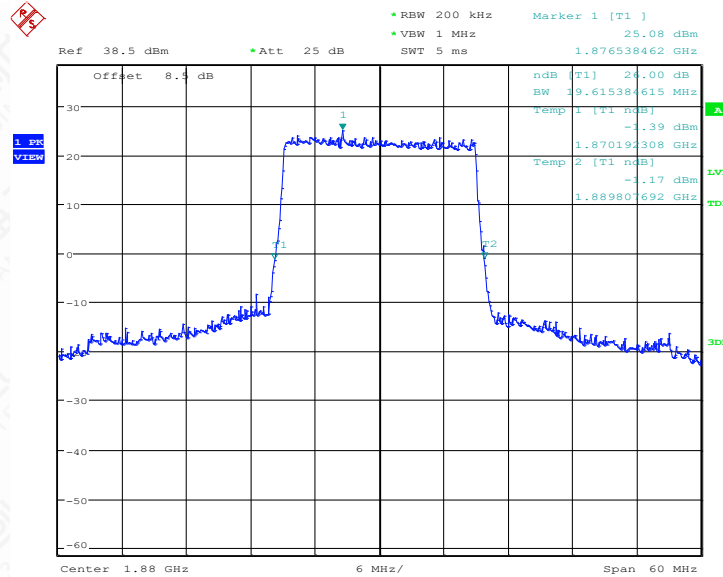


Date: 12.FEB.2023 18:46:52

LTE band 2@CA_2+66, 20MHz(-26dBc)

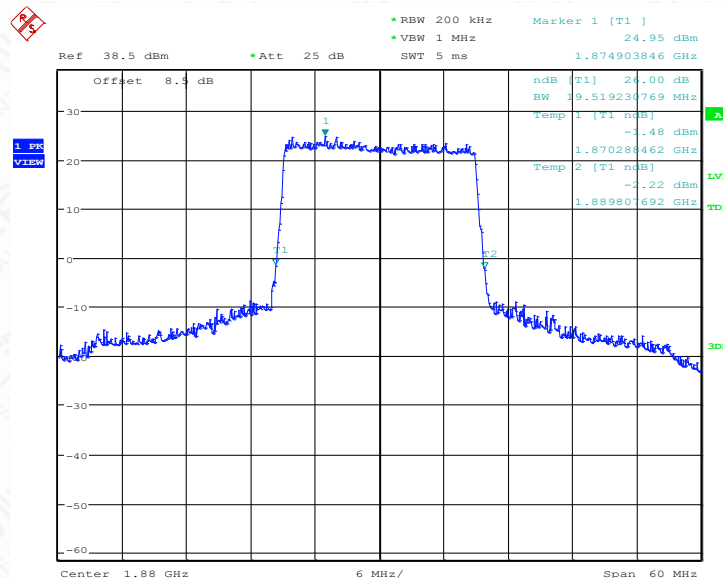
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	19.615	19.519	19.615

LTE band 2@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



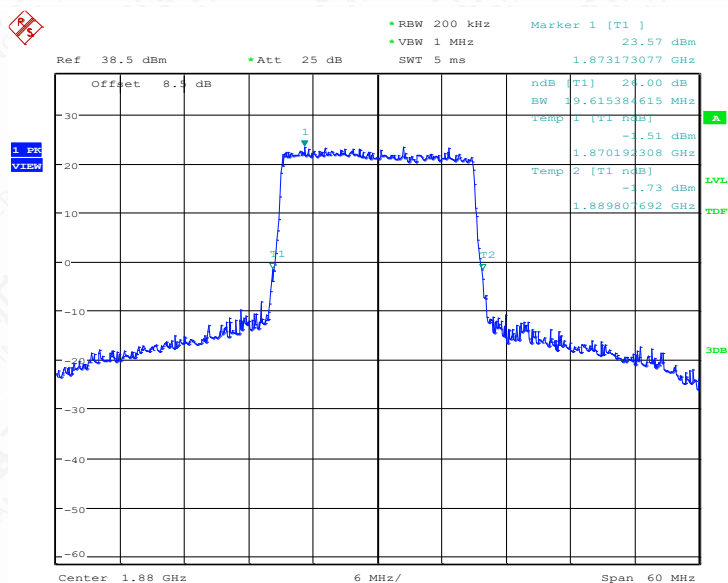
Date: 12.FEB.2023 18:36:55

LTE band 2@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:37:37

LTE band 2@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

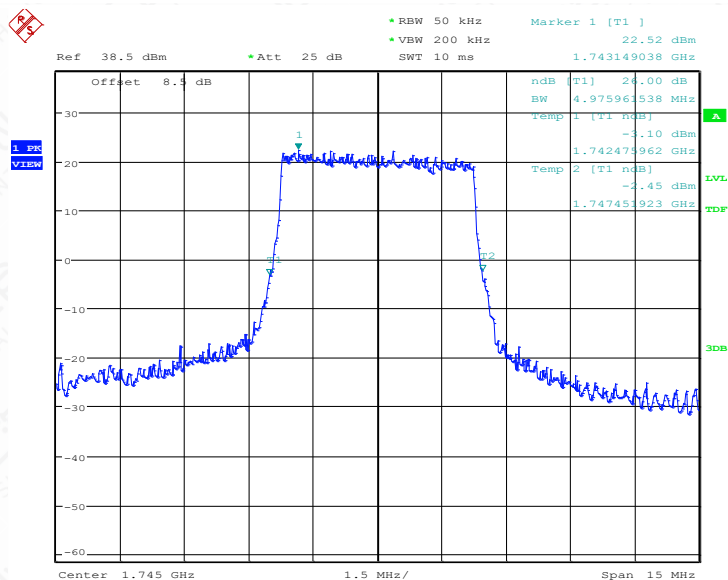


Date: 12.FEB.2023 18:38:22

LTE band 66@CA_2+66, 5MHz(-26dBc)

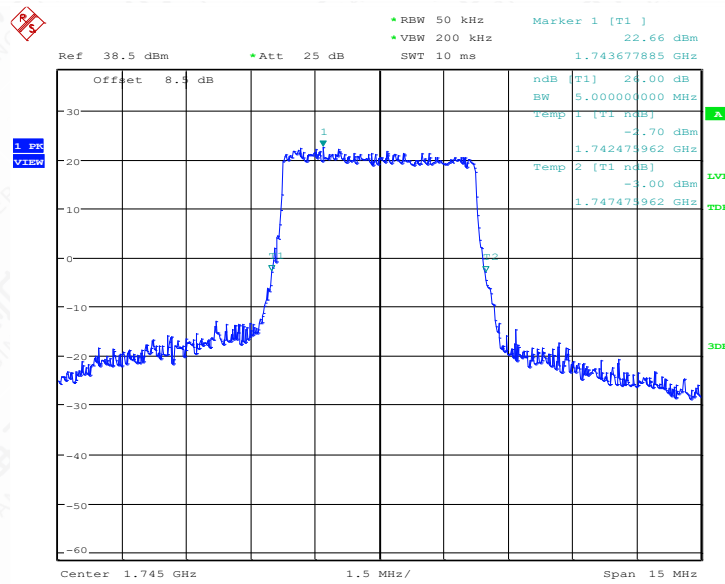
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	4.976	5.000	5.000

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dB BW)



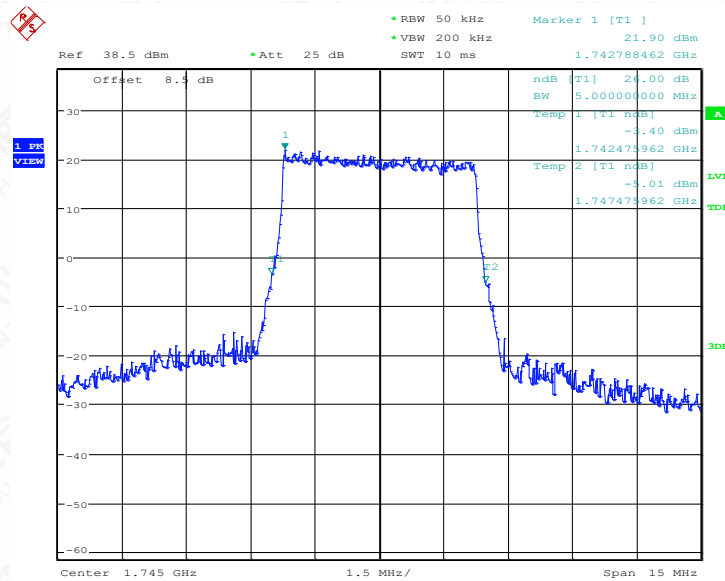
Date: 12.FEB.2023 18:37:14

LTE band 66@CA_2+66, 5MHz Bandwidth, 16QAM (-26dB BW)



Date: 12.FEB.2023 18:37:56

LTE band 66@CA_2+66, 5MHz Bandwidth, 64QAM (-26dBc BW)

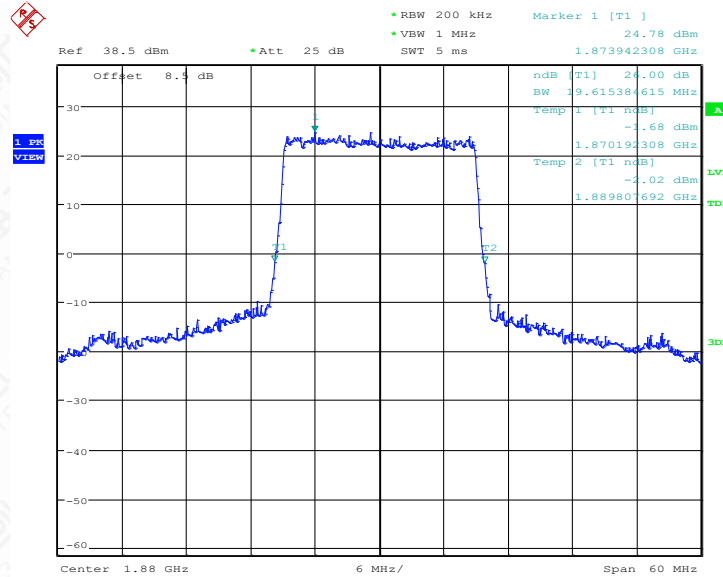


Date: 12.FEB.2023 18:38:42

LTE band 2@CA_2+66, 20MHz(-26dBc)

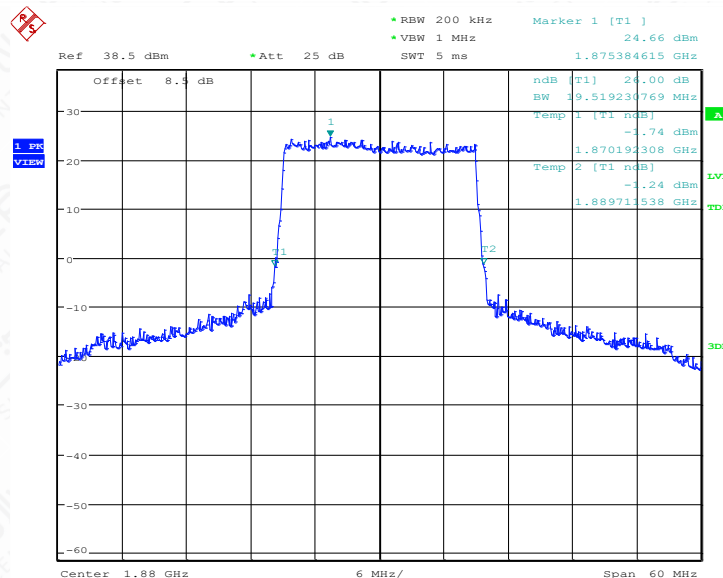
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	19.615	19.519	19.423

LTE band 2@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



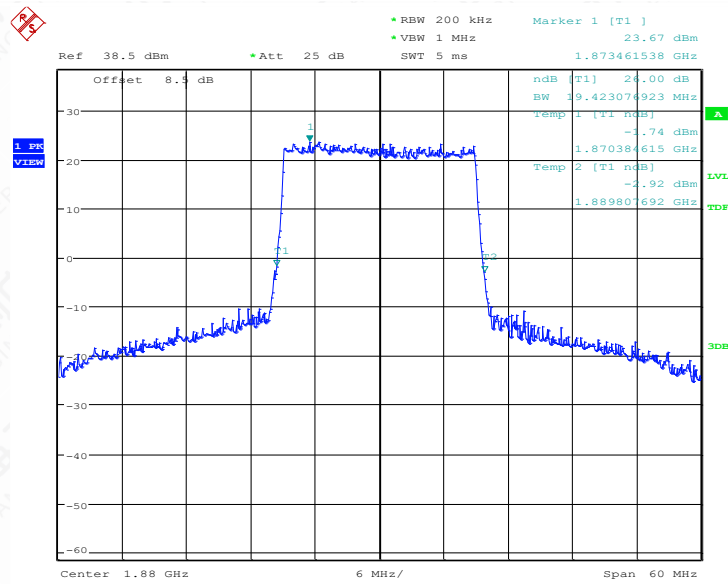
Date: 12.FEB.2023 18:39:37

LTE band 2@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:22

LTE band 2@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

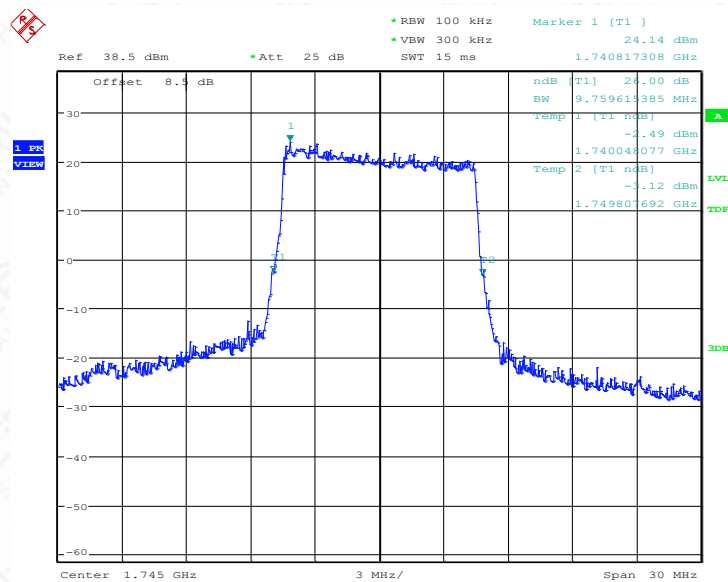


Date: 12.FEB.2023 18:41:08

LTE band 66@CA_2+66, 10MHz(-26dBc)

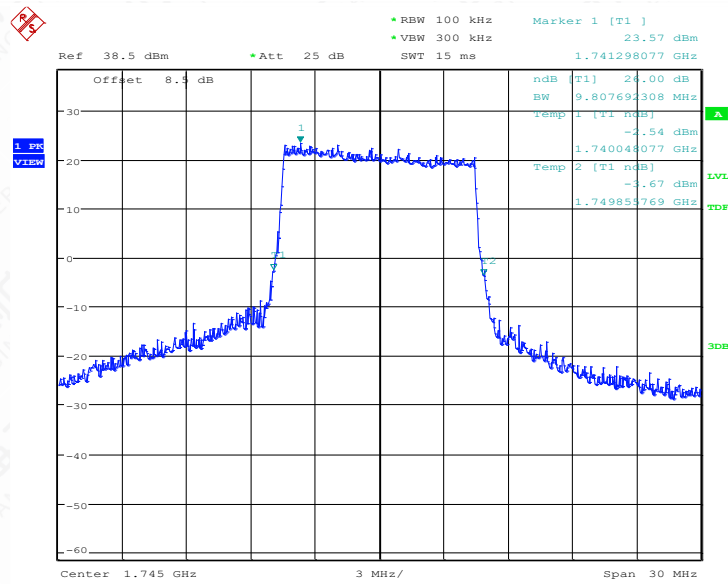
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	9.760	9.808	9.712

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



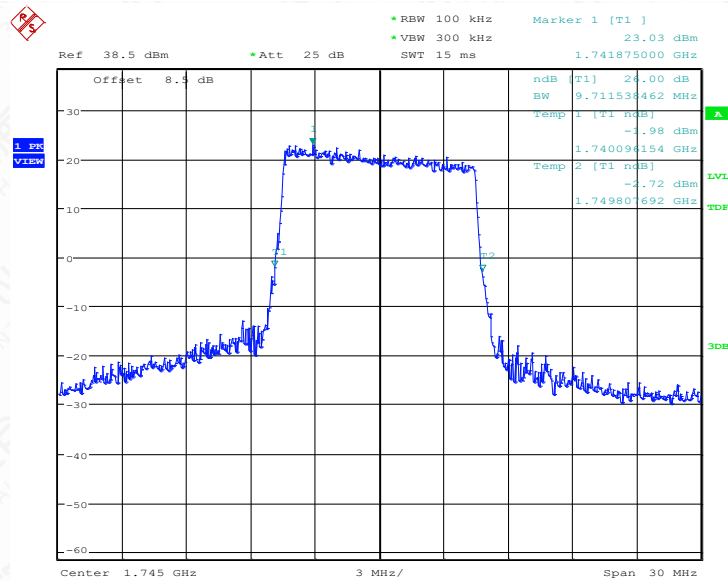
Date: 12.FEB.2023 18:39:56

LTE band 66@CA_2+66, 10MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:40:42

LTE band 66@CA_2+66, 10MHz Bandwidth, 64QAM (-26dBc BW)

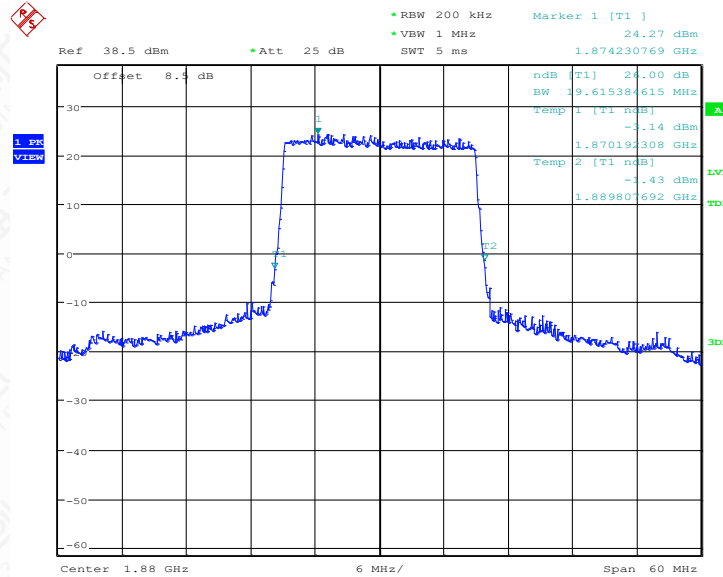


Date: 12.FEB.2023 18:41:29

LTE band 2@CA_2+66, 20MHz(-26dBc)

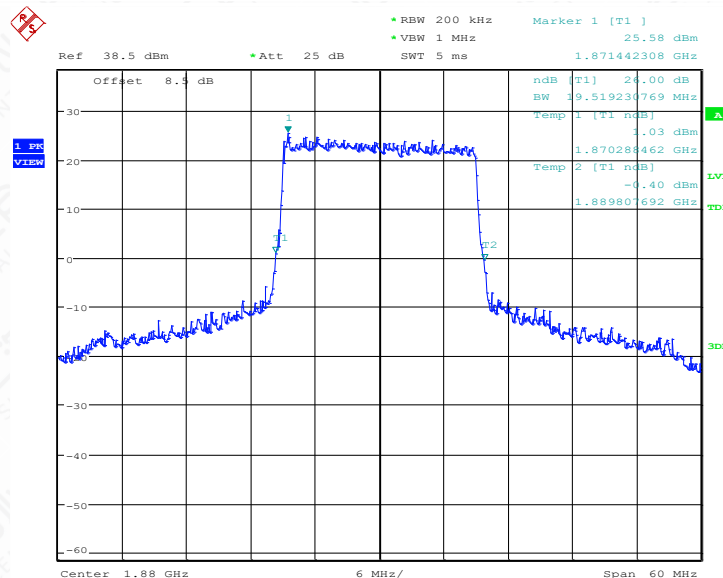
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	19.615	19.519	19.519

LTE band 2@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



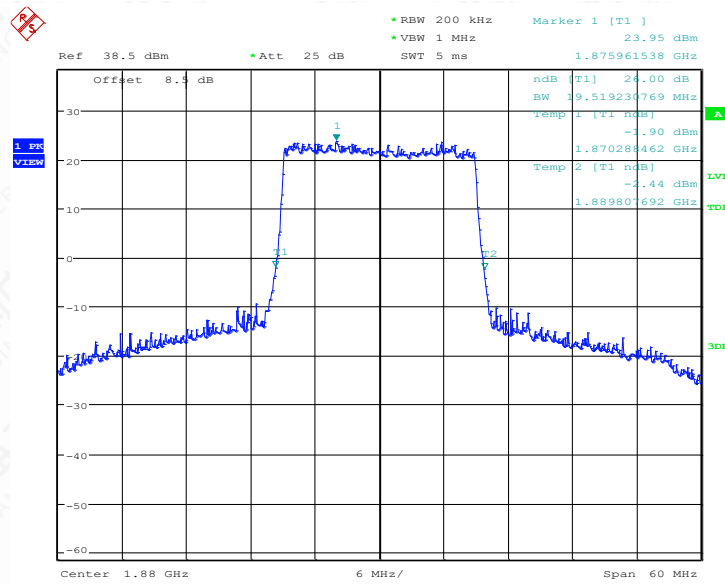
Date: 12.FEB.2023 18:42:23

LTE band 2@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:43:05

LTE band 2@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

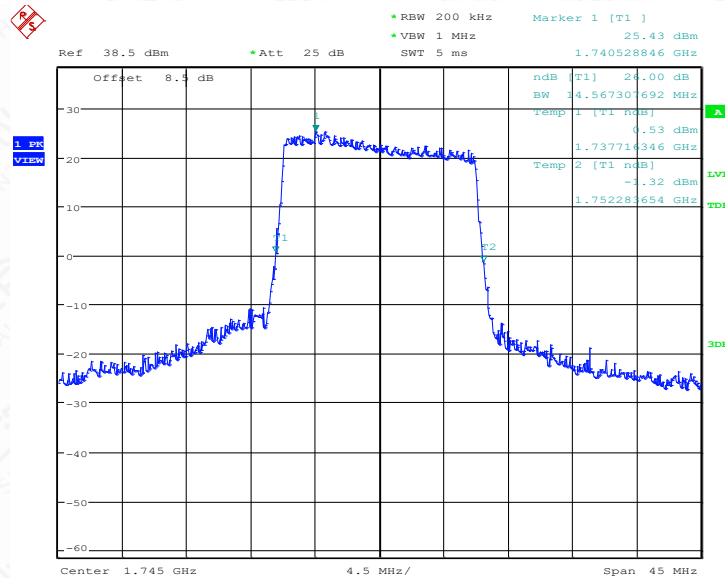


Date: 12.FEB.2023 18:43:50

LTE band 66@CA_2+66, 15MHz(-26dBc)

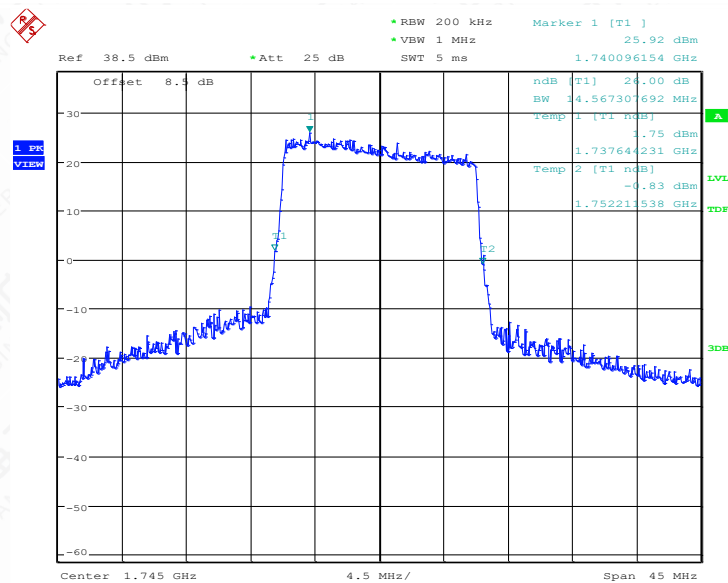
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	14.567	14.567	14.639

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



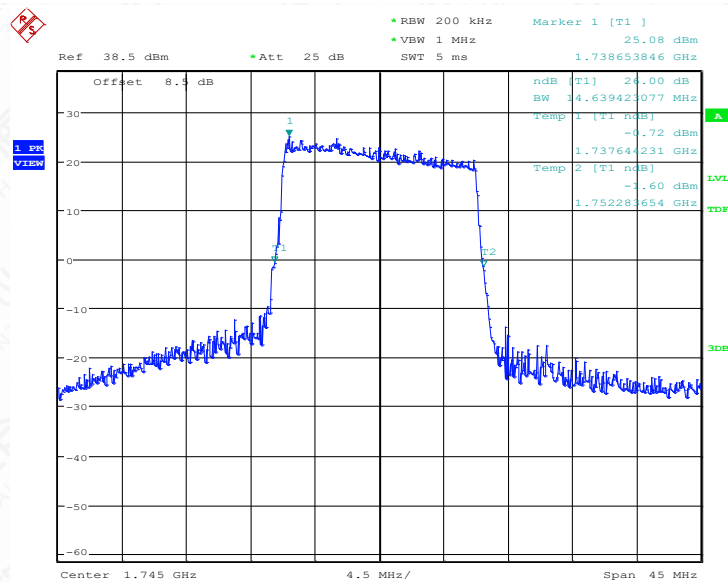
Date: 12.FEB.2023 18:42:43

LTE band 66@CA_2+66, 15MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:43:24

LTE band 66@CA_2+66, 15MHz Bandwidth, 64QAM (-26dBc BW)

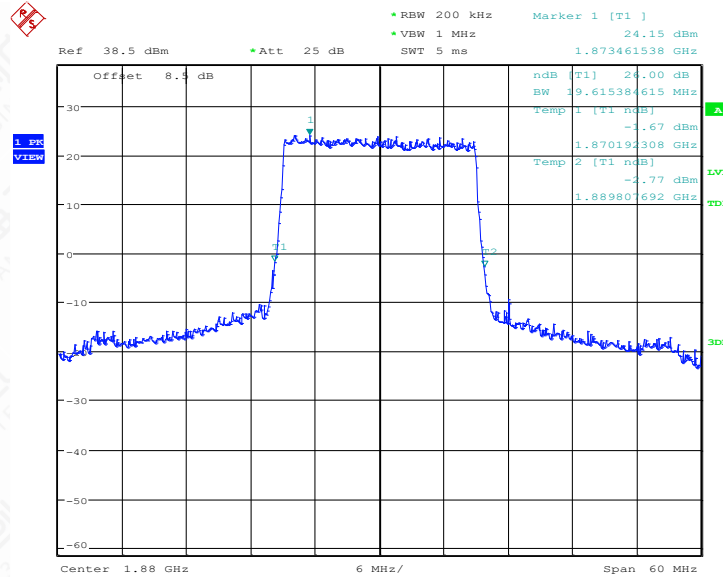


Date: 12.FEB.2023 18:44:11

LTE band 2@CA_2+66, 20MHz(-26dBc)

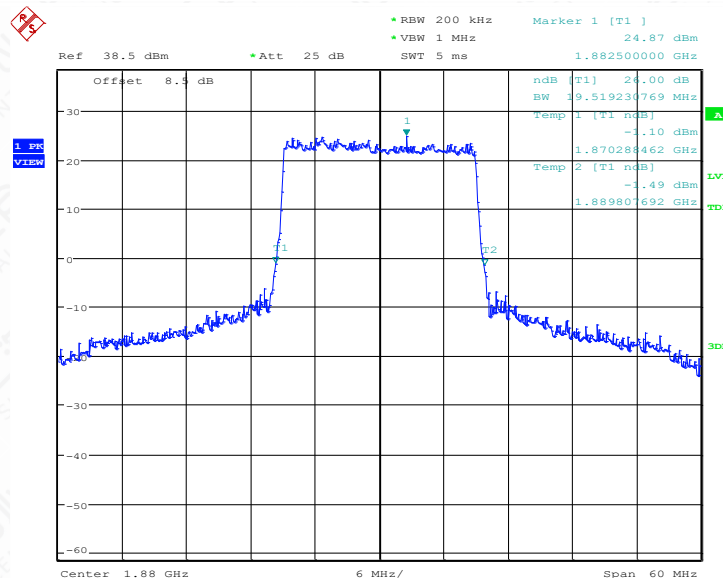
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1880	19.615	19.519	19.519

LTE band 2@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



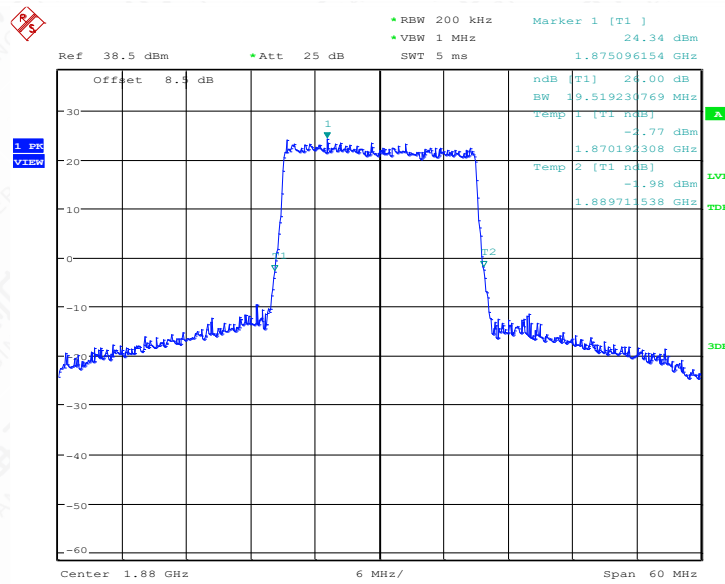
Date: 12.FEB.2023 18:45:05

LTE band 2@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:45:46

LTE band 2@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)

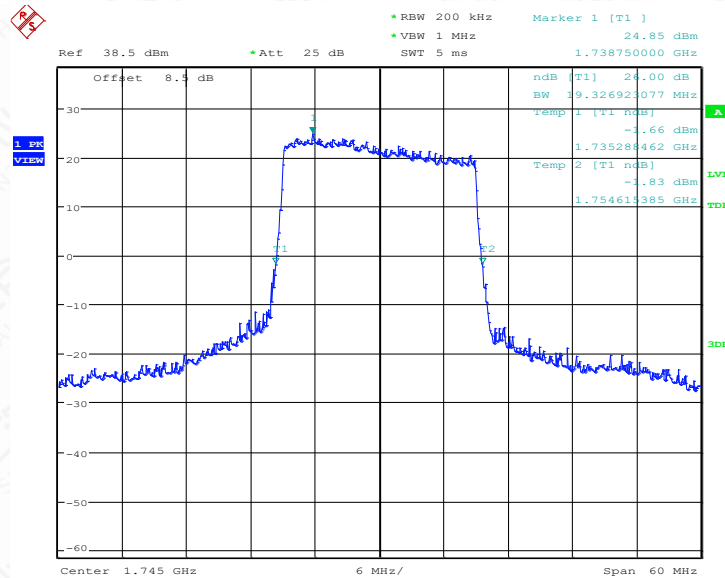


Date: 12.FEB.2023 18:46:32

LTE band 66@CA_2+66, 20MHz(-26dBc)

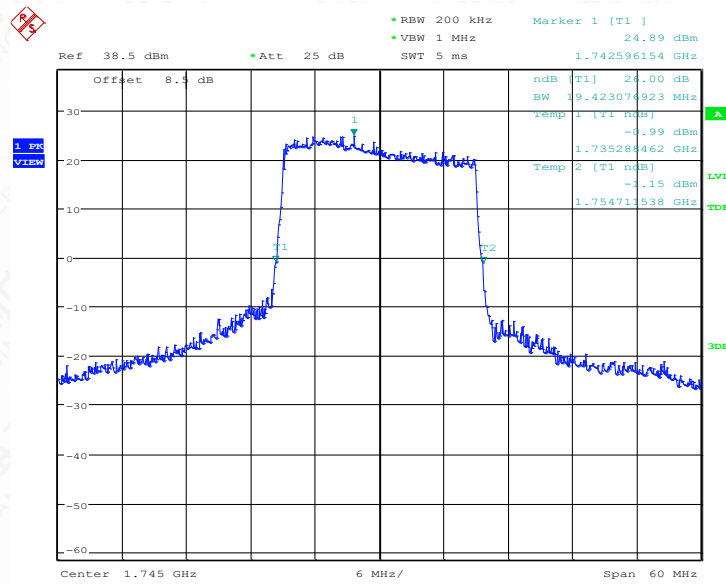
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1745	19.327	19.423	19.327

LTE band 66@CA_2+66, 20MHz Bandwidth, QPSK (-26dBc BW)



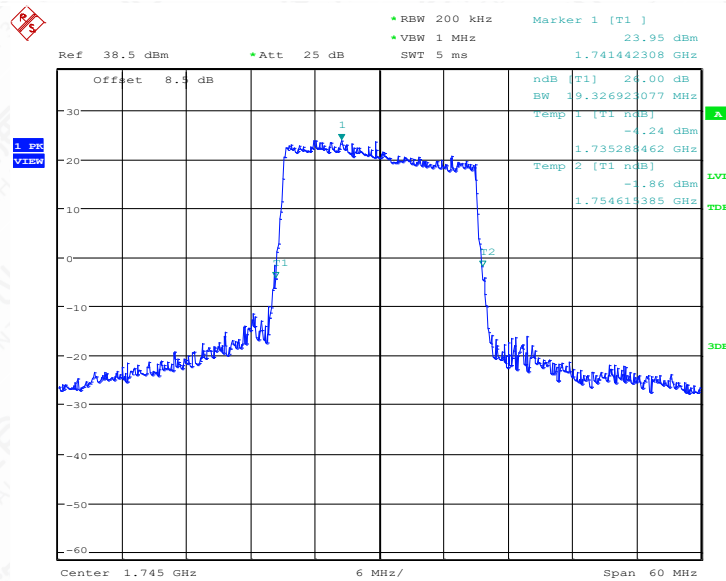
Date: 12.FEB.2023 18:45:24

LTE band 66@CA_2+66, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:05

LTE band 66@CA_2+66, 20MHz Bandwidth, 64QAM (-26dBc BW)



Date: 12.FEB.2023 18:46:52

Note: Use cases with * are subcontracted tests.

6.6 Band Edge Compliance

Reference

CFR Part 2.1049, 22.917(b), 24.238(a), 27.53(g), 27.53(h), 27.53(m), 90.669

6.6.1 Measurement limit

Part 27.53(g), 27.53(h), 27.53(m) state that on any frequency outside frequency band 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 dm.

According to KDB 971168 6, 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.

Part 27.53(m) states that for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

24.238 (a) Emission limitations for Broadband PCS equipment. Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

§ 22.917 Emission limitations for cellular equipment.

The rules in this section govern the spectral characteristics of emissions in the Cellular Radiotelephone Service.

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

90.543(e) For operations in the 758–768 MHz and the 788–798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than $76 + 10 \log(P)$ dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log(P)$ dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in

the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

§ 22.917 Emission limitations for cellular equipment.

The rules in this section govern the spectral characteristics of emissions in the Cellular Radiotelephone Service.

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

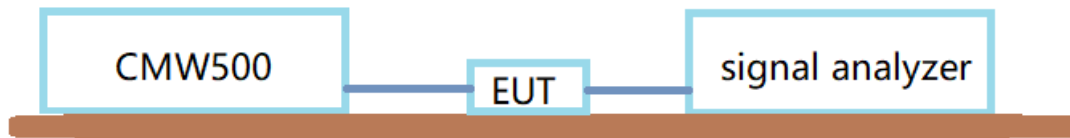
§ 90.669 Emission limits.

(a) On any frequency in an MTA licensee's spectrum block that is adjacent to a non-MTA frequency, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 plus $10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation.

Note:

The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

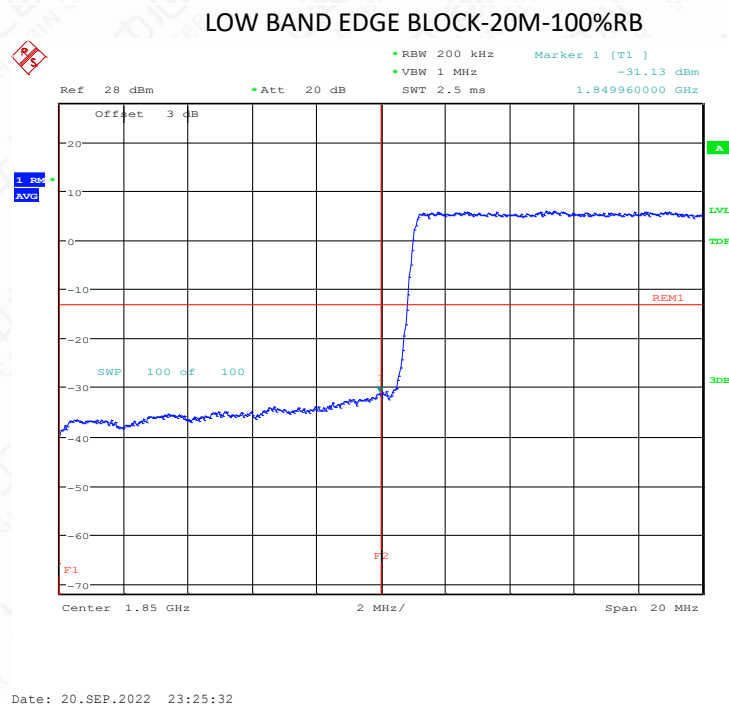
6.6.2 Test Setup



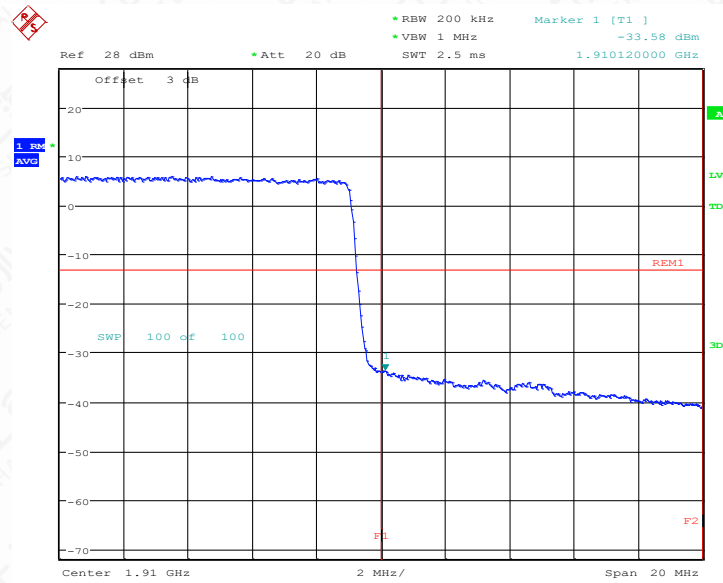
6.6.3 Measurement result

Only worst case result is given below,QPSK

LTE band 2



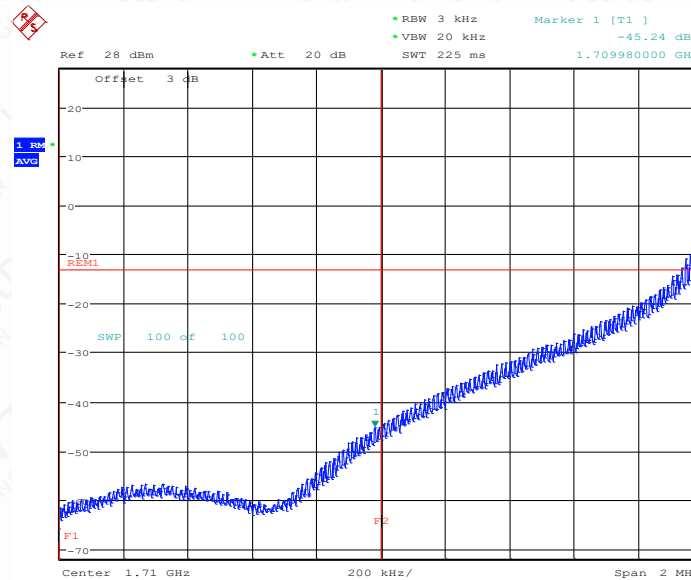
HIGH BAND EDGE BLOCK-20M-100%RB



Date: 20.SEP.2022 23:33:33

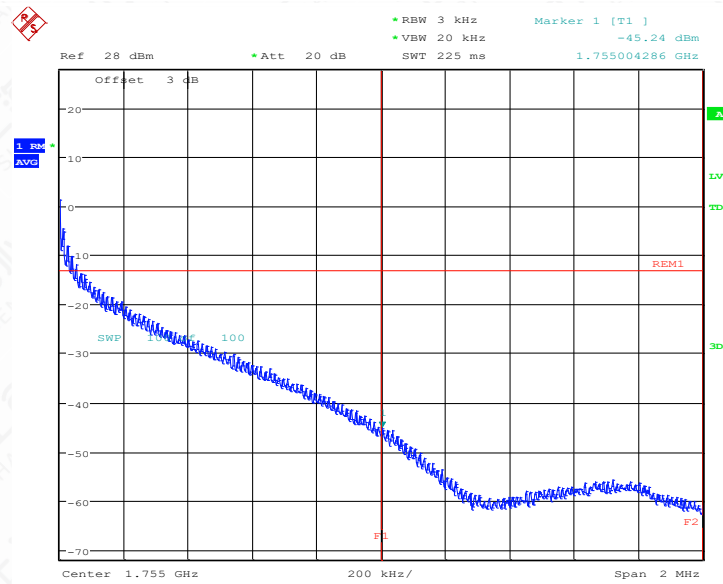
LTE band 4

LOW BAND EDGE BLOCK-1RB-LOW_offset



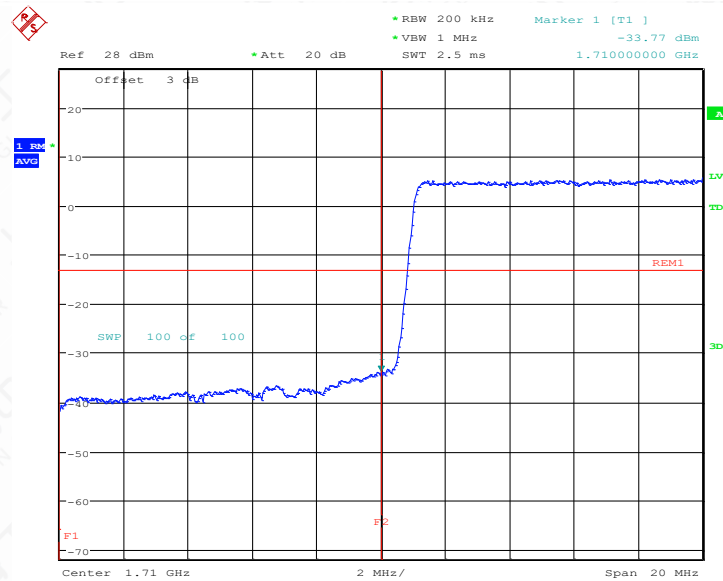
Date: 21.SEP.2022 00:54:49

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



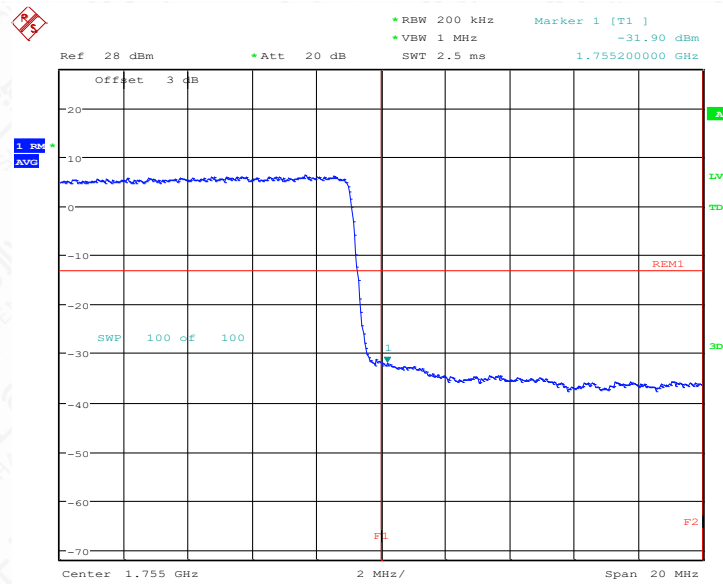
Date: 21.SEP.2022 01:01:30

LOW BAND EDGE BLOCK-20M-100%RB



Date: 21.SEP.2022 00:53:19

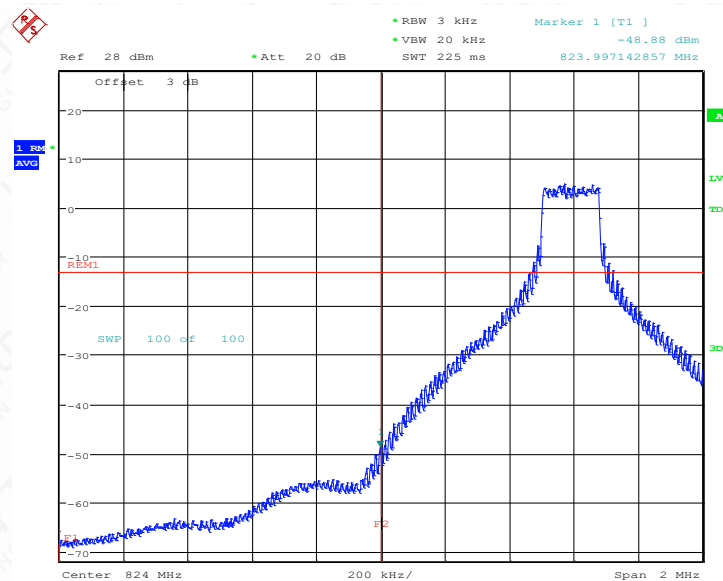
HIGH BAND EDGE BLOCK-20M-100%RB



Date: 21.SEP.2022 01:00:02

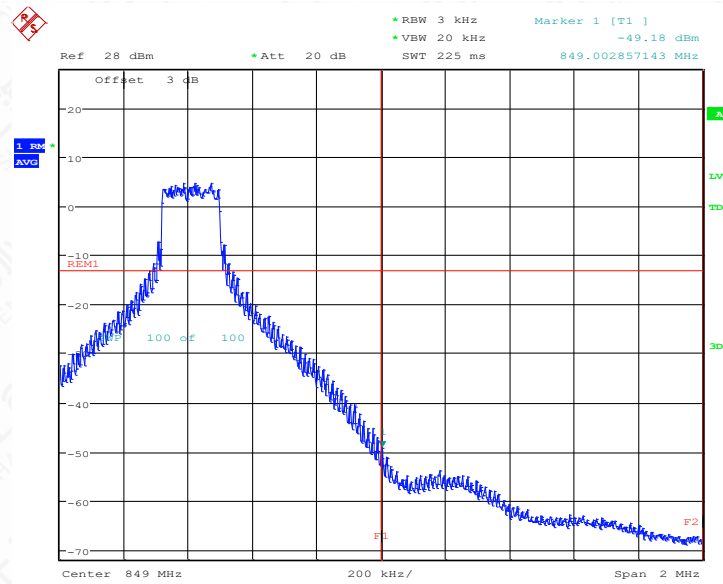
LTE band 5

LOW BAND EDGE BLOCK-1RB-LOW_offset



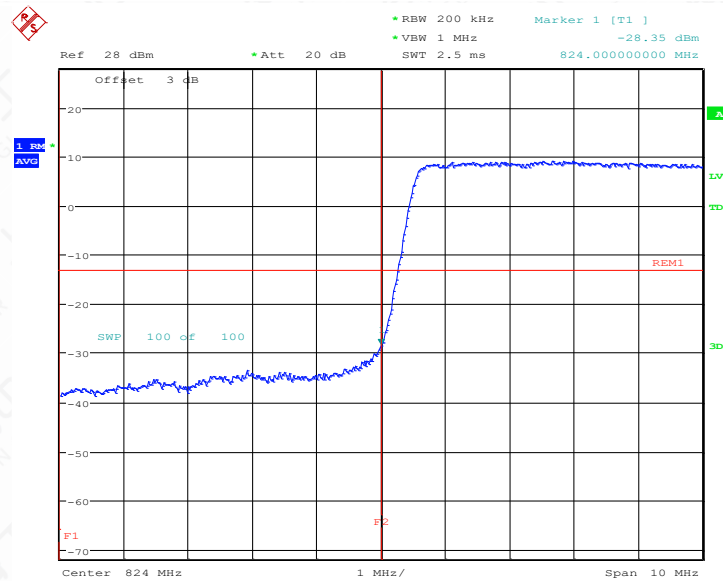
Date: 27.SEP.2022 09:50:20

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



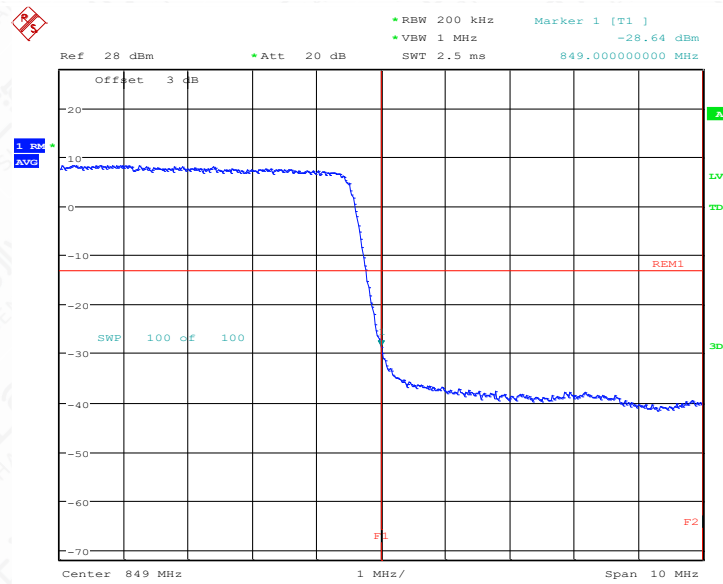
Date: 27.SEP.2022 09:53:22

LOW BAND EDGE BLOCK-10M-100%RB



Date: 21.SEP.2022 01:16:08

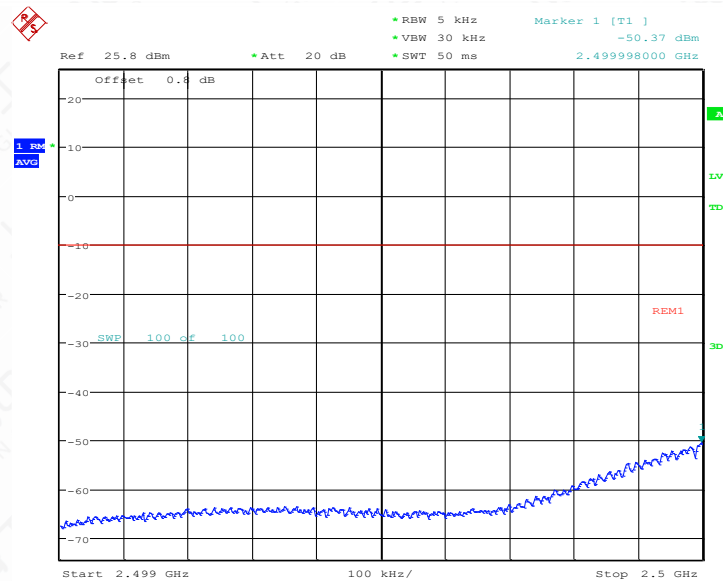
HIGH BAND EDGE BLOCK-10M-100%RB



Date: 21.SEP.2022 01:17:39

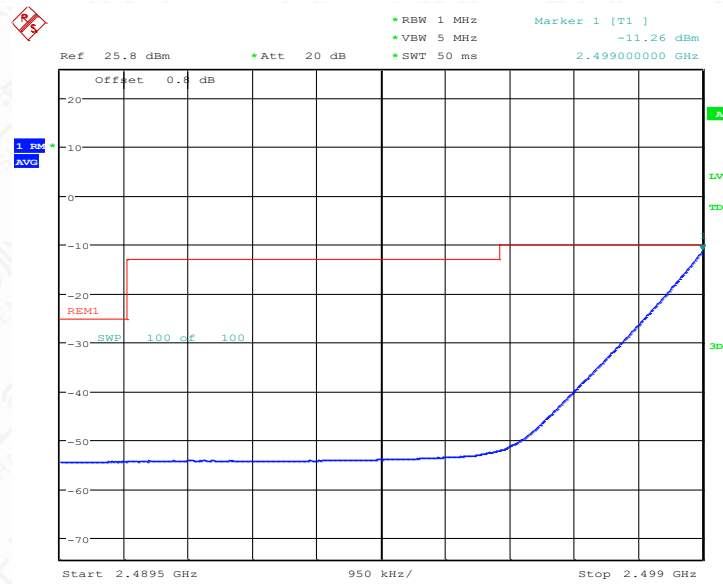
LTE band 7

LOW BAND EDGE BLOCK-1RB-LOW_offset



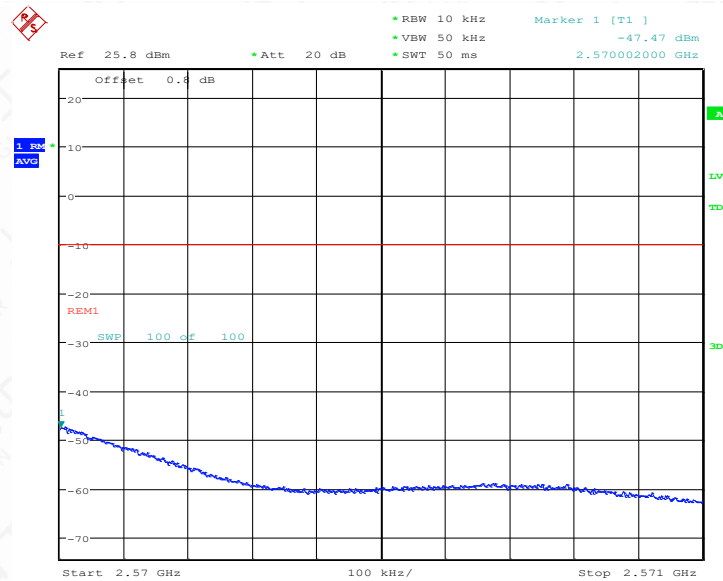
Date: 27.SEP.2022 10:39:14

LOW BAND EDGE BLOCK-1RB-LOW_offset



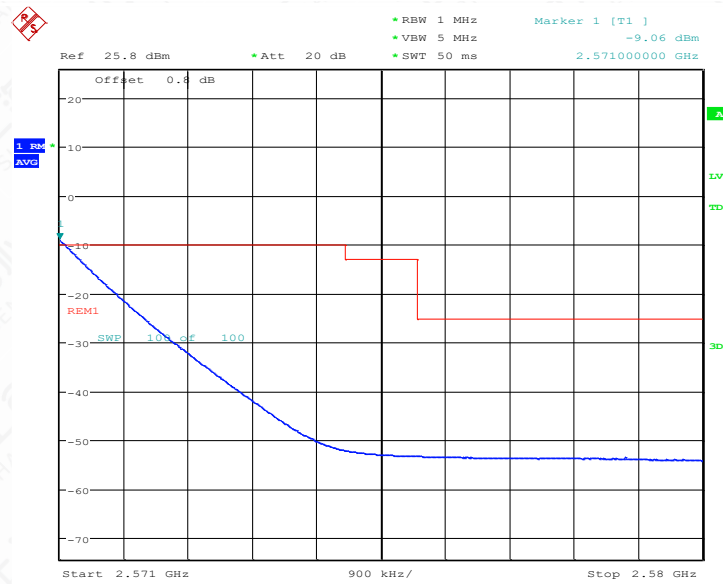
Date: 27.SEP.2022 10:40:03

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



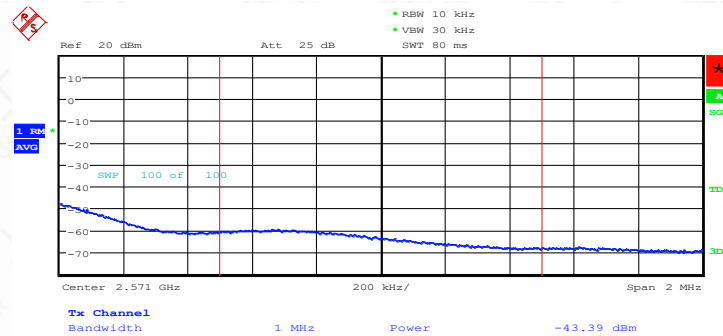
Date: 27.SEP.2022 10:43:18

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



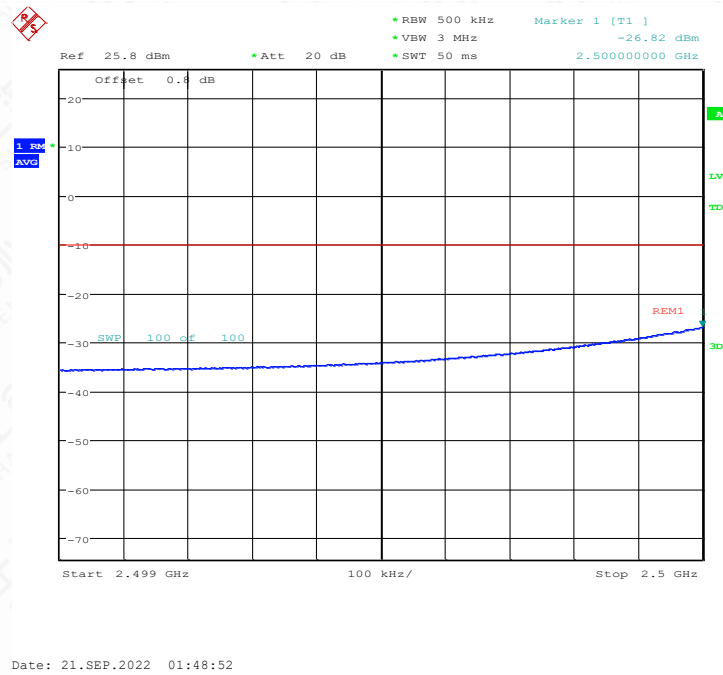
Date: 27.SEP.2022 10:44:07

Channel Power

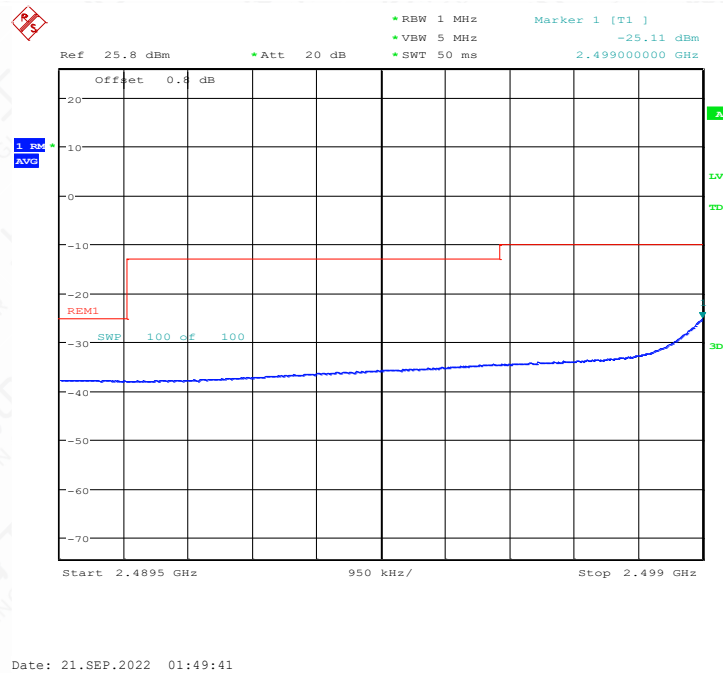


Date: 27.SEP.2022 10:44:41

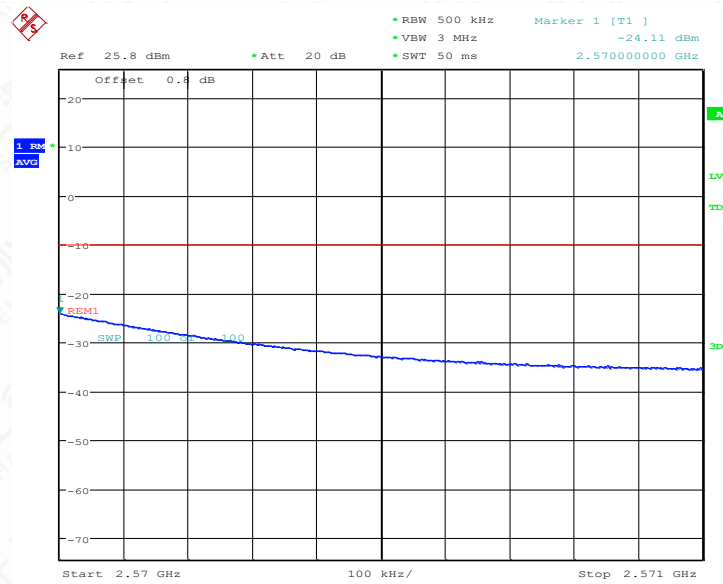
LOW BAND EDGE BLOCK-20M-100%RB



LOW BAND EDGE BLOCK-20M-100%RB

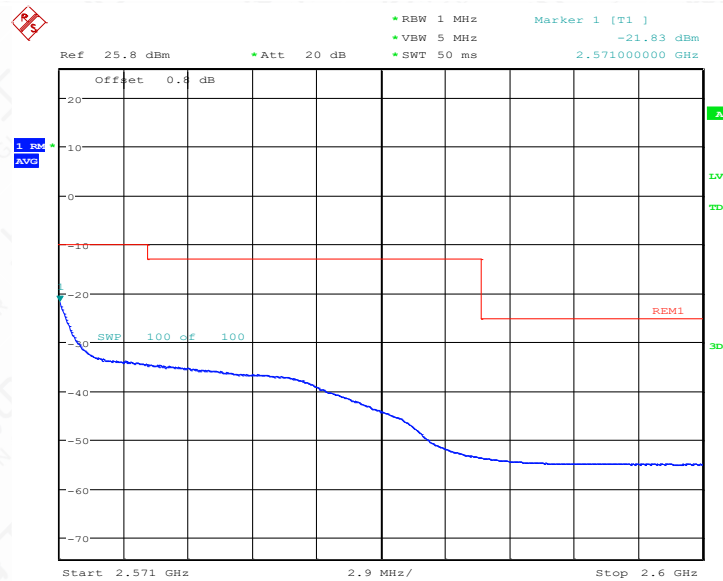


HIGH BAND EDGE BLOCK-20M-100%RB



Date: 21.SEP.2022 01:52:15

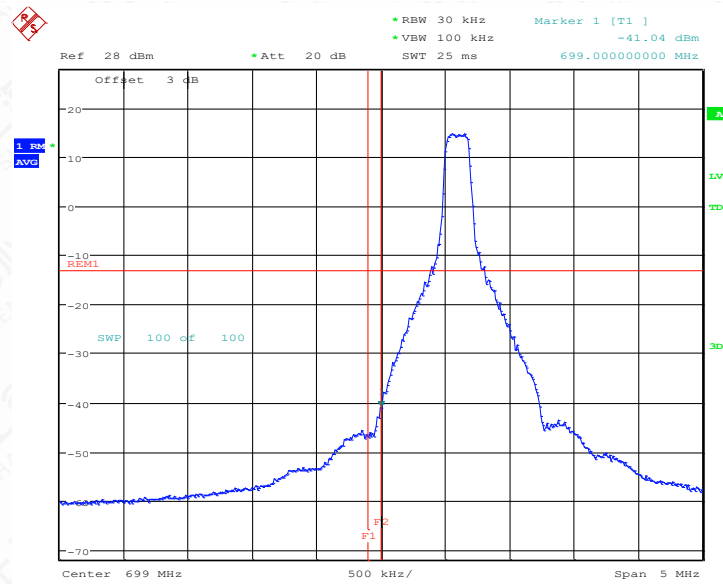
HIGH BAND EDGE BLOCK-20M-100%RB



Date: 21.SEP.2022 01:53:04

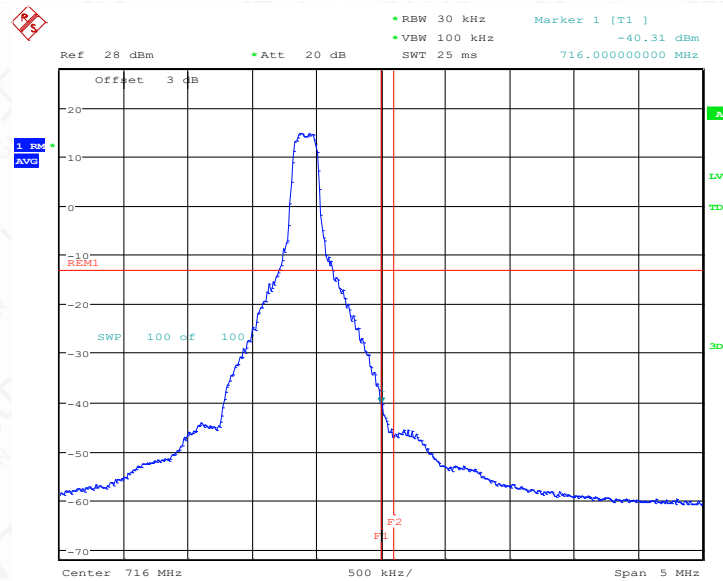
LTE band 12

LOW BAND EDGE BLOCK-1RB-LOW_offset



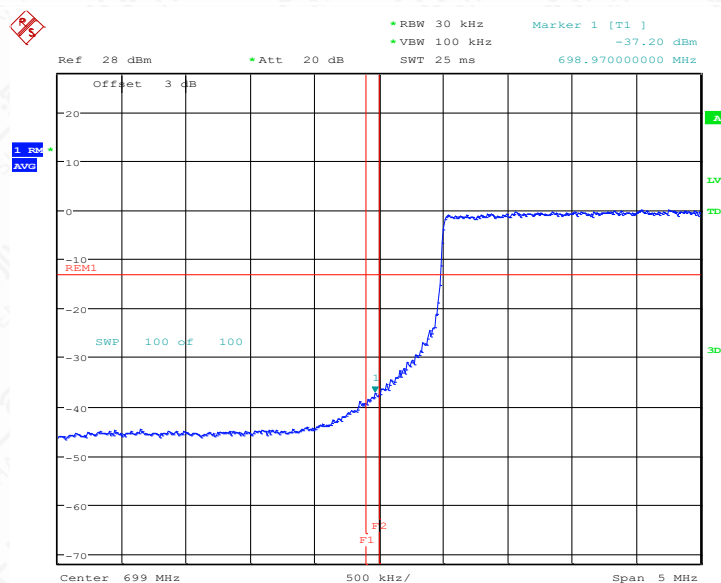
Date: 27.SEP.2022 11:04:16

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



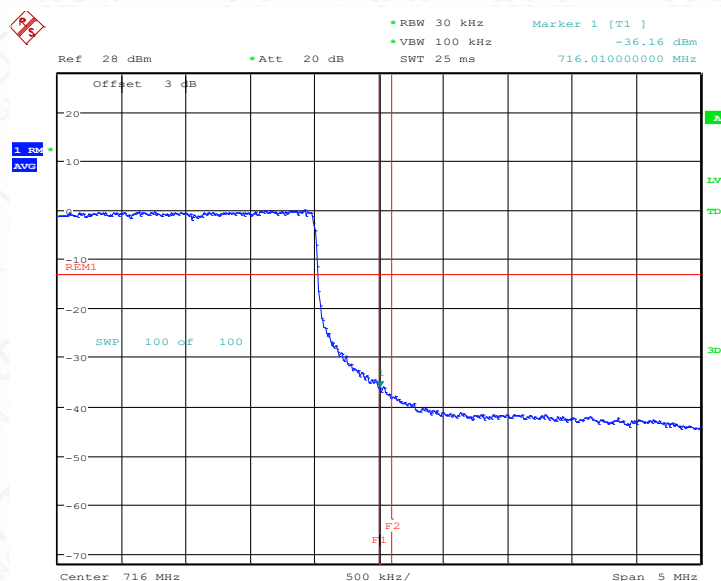
Date: 27.SEP.2022 11:06:32

LOW BAND EDGE BLOCK-10M-100%RB



Date: 21.SEP.2022 02:07:45

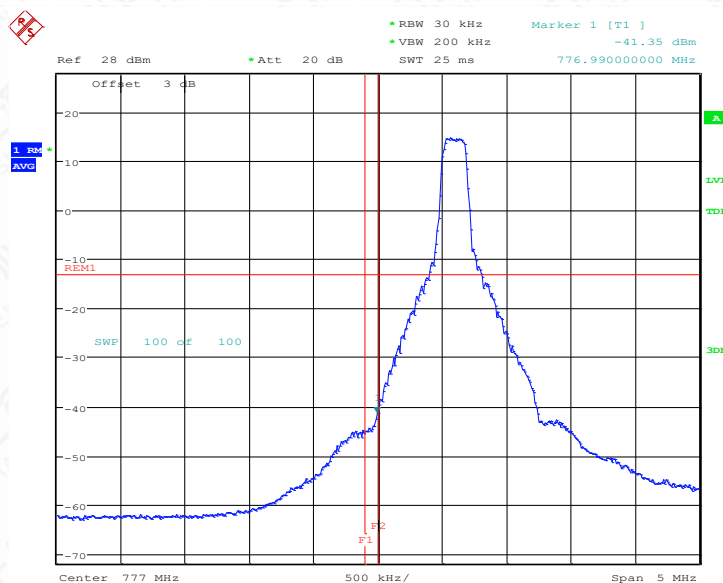
HIGH BAND EDGE BLOCK-10M-100%RB



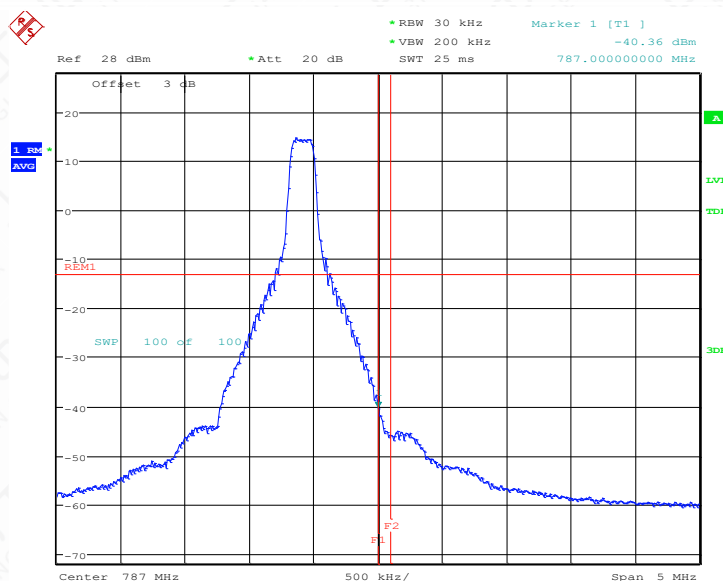
Date: 21.SEP.2022 02:09:20

LTE band 13

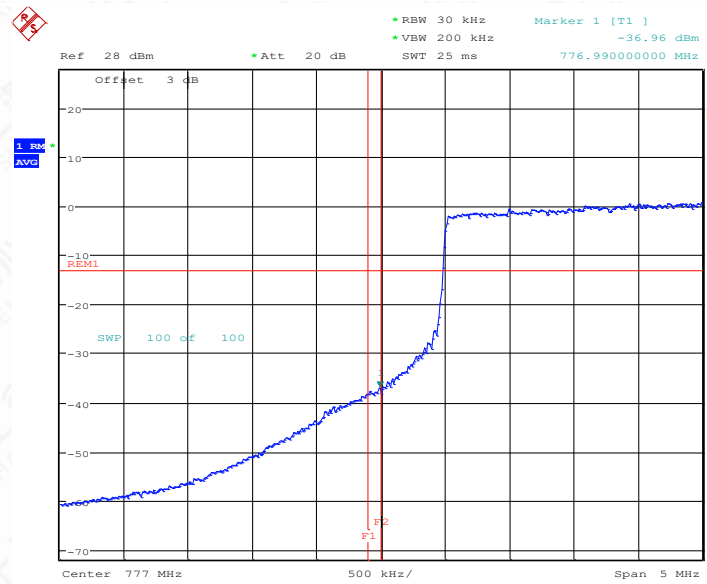
LOW BAND EDGE BLOCK-1RB-LOW_offset



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

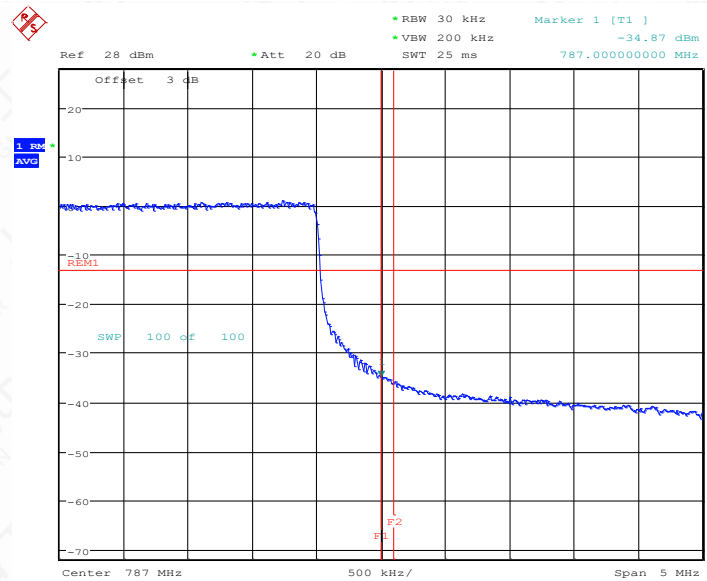


LOW BAND EDGE BLOCK-10M-100%RB



Date: 21.SEP.2022 02:14:31

HIGH BAND EDGE BLOCK-10M-100%RB

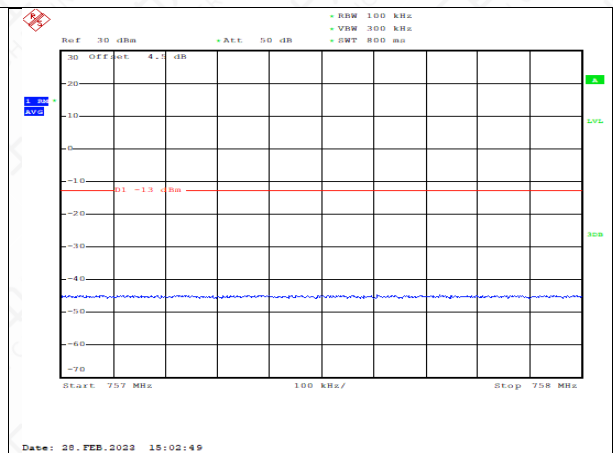
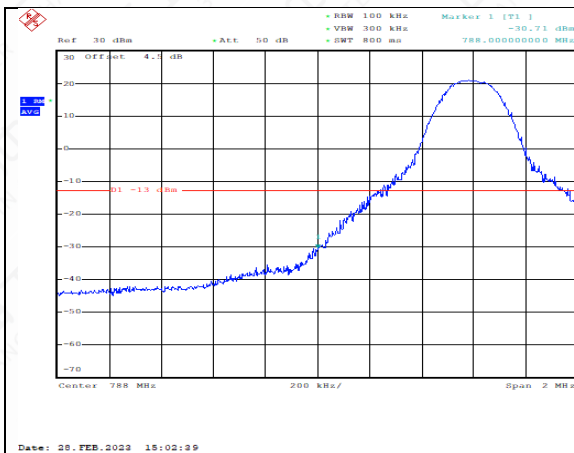


Date: 21.SEP.2022 02:16:25

LTE band 14

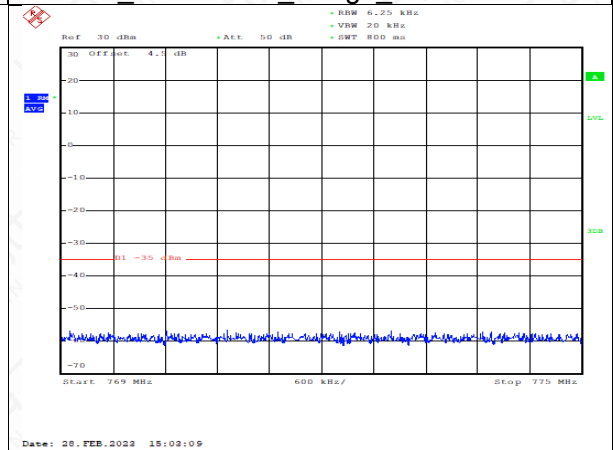
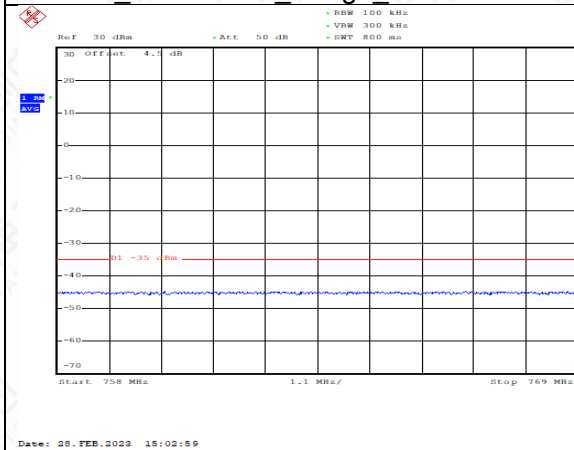
LowRange_FDD14_10MHz_793_OneRB_low Low QPSK

FDD14_10MHz_793_QPSK_OneRB_low ExtraBands Range 757~758



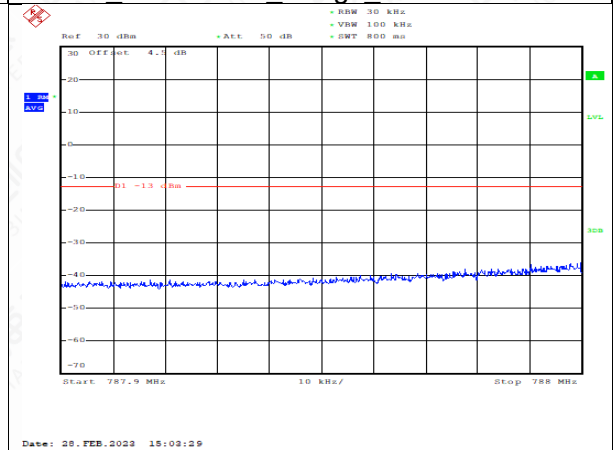
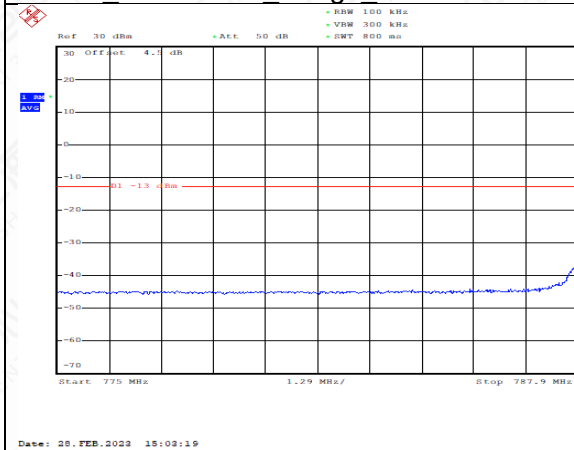
FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range 758~769

FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range 769~775



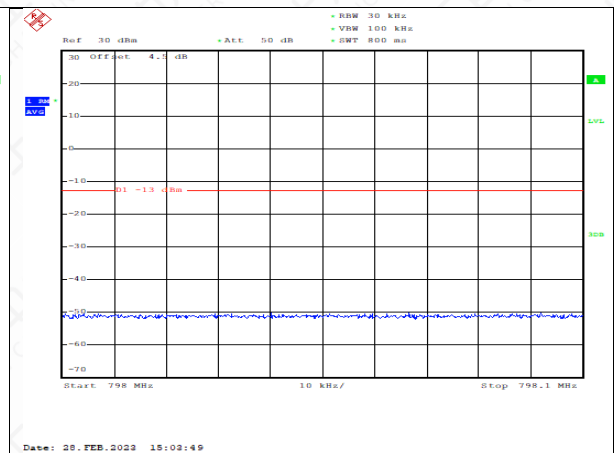
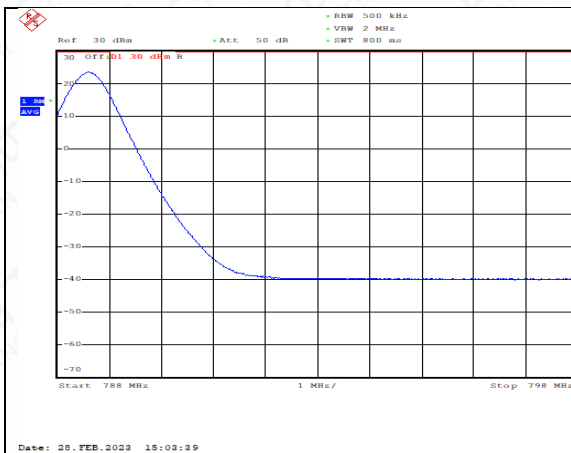
FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range 775~787.9

FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range 787.9~788



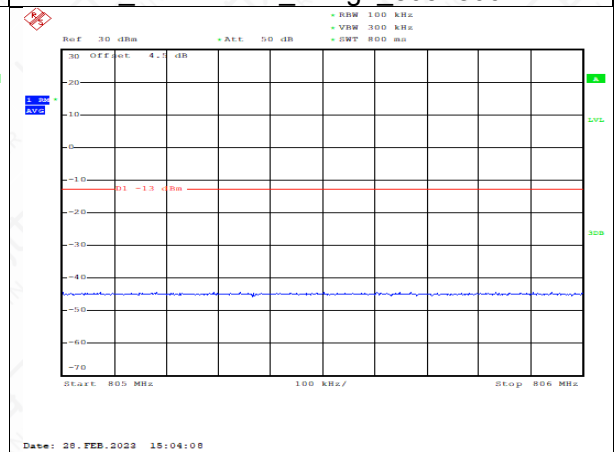
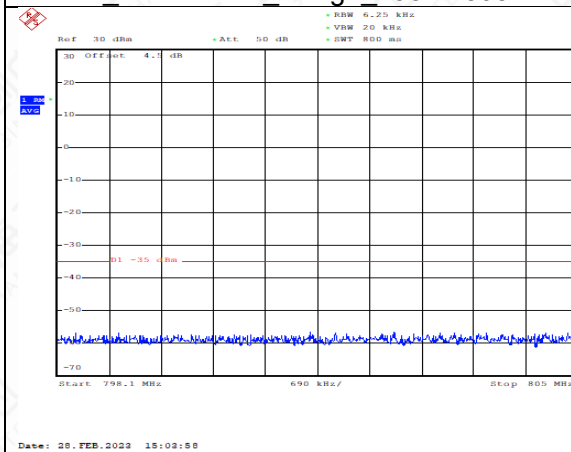
FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range 788~798

FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range 798~798.1



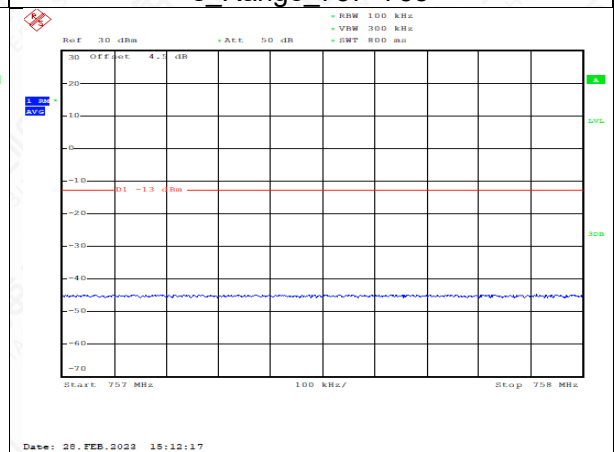
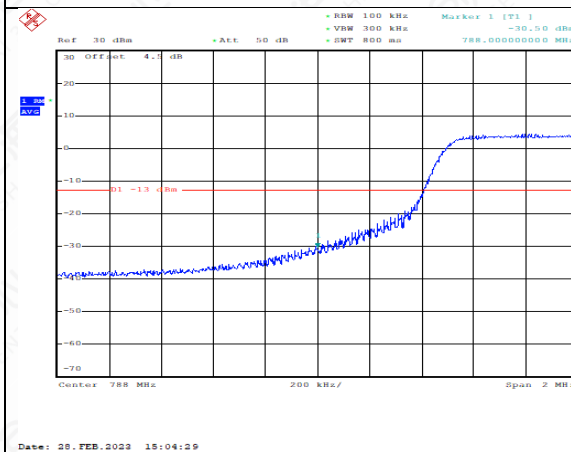
FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range_798.1~805

FDD14_10MHz_793_QPSK_OneRB_low
ExtraBands_Range_805~806



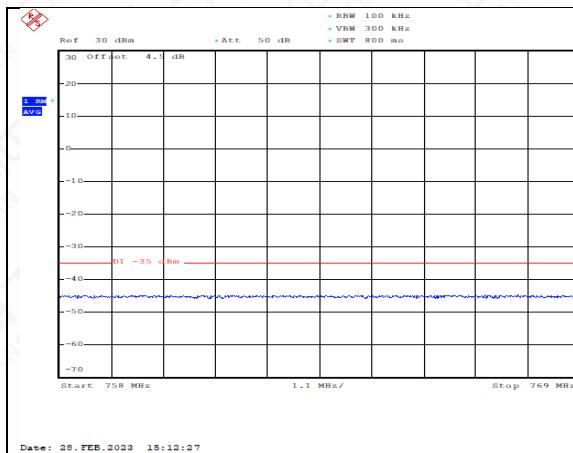
LowRange_FDD14_10MHz_793_fullRB
_Low_QPSK

FDD14_10MHz_793_QPSK_fullRB_ExtraBands_Range_757~758

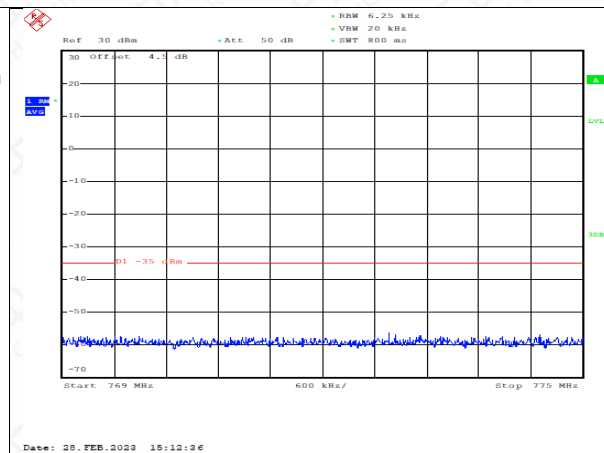


FDD14_10MHz_793_QPSK_fullRB_ExtraBands_Range_758~769

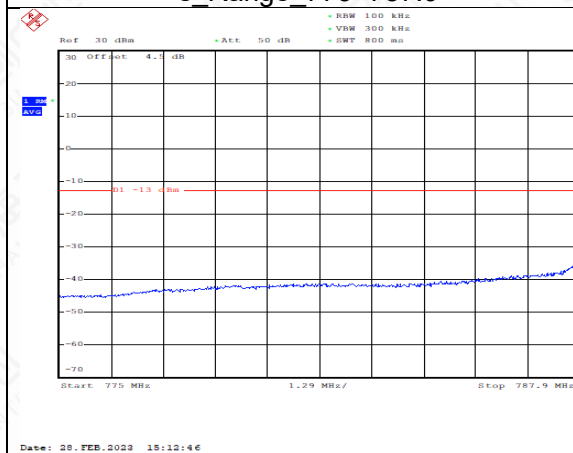
FDD14_10MHz_793_QPSK_fullRB_ExtraBands_Range_769~775



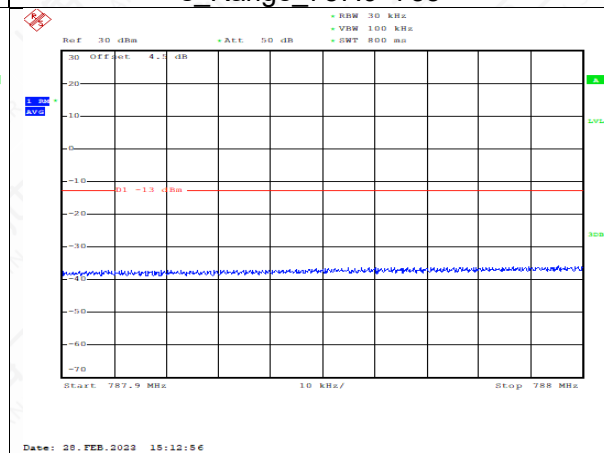
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_758~769.9



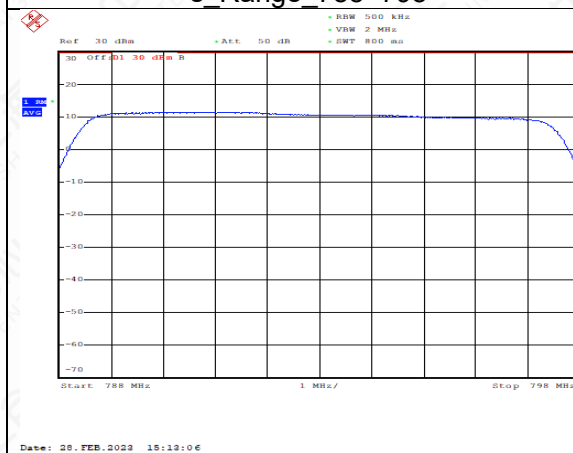
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_769.9~775



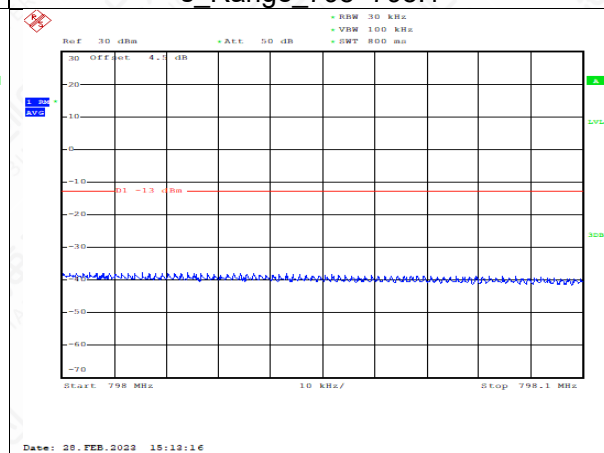
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_775~787.9



FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_787.9~788

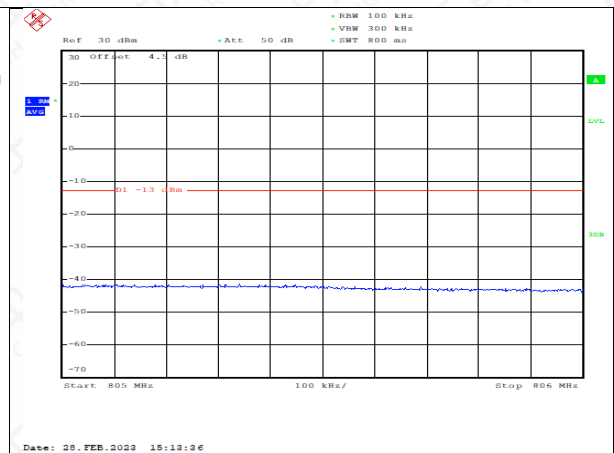
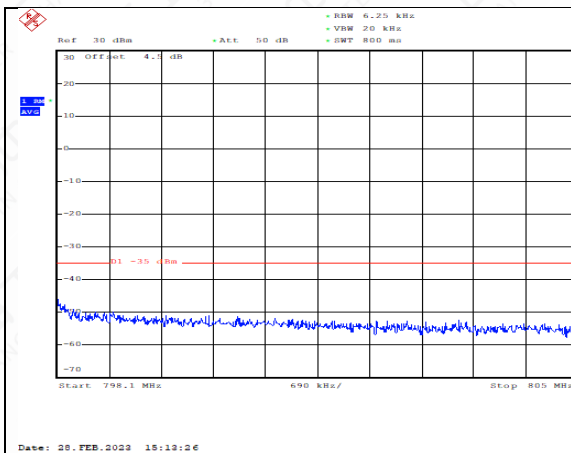


FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_788~798



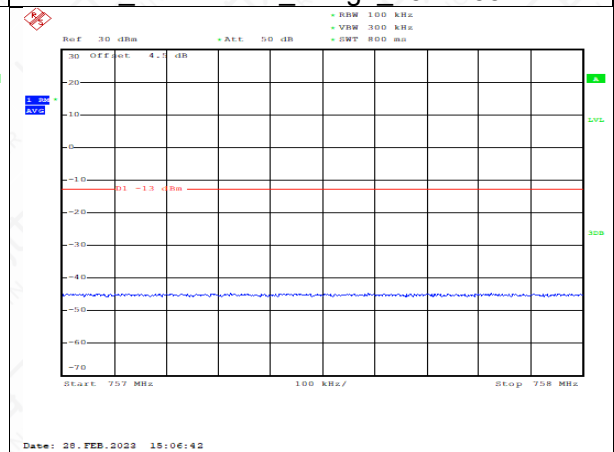
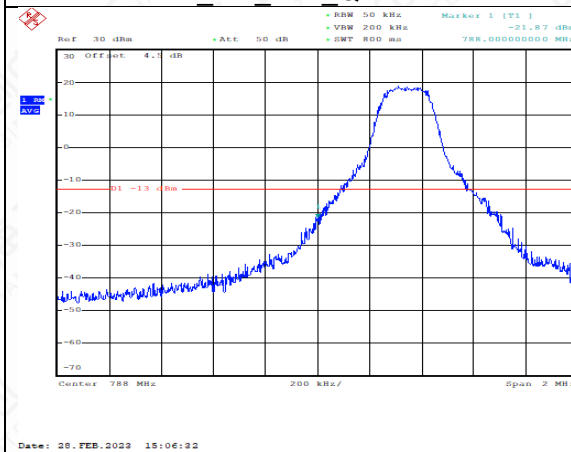
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_798.1~805





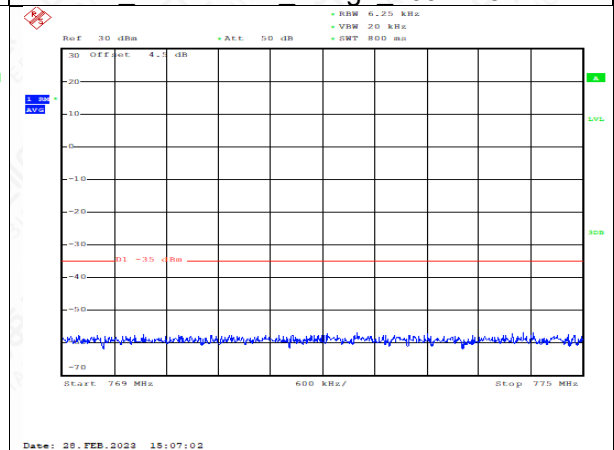
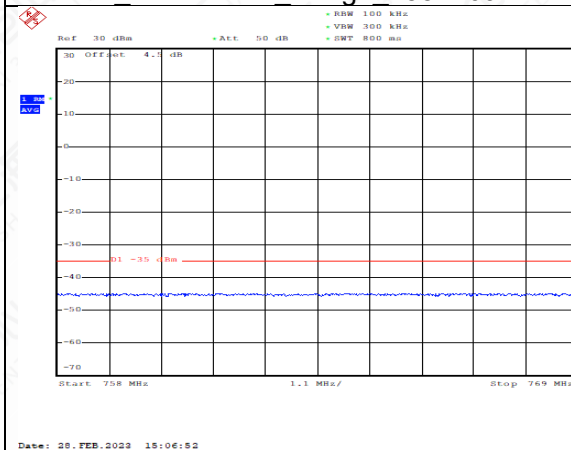
LowRange_FDD14_5MHz_790.5_OneRB_low_Low_QPSK

FDD14_5MHz_790.5_QPSK_OneRB_low_ExtraBands_Range_757~758



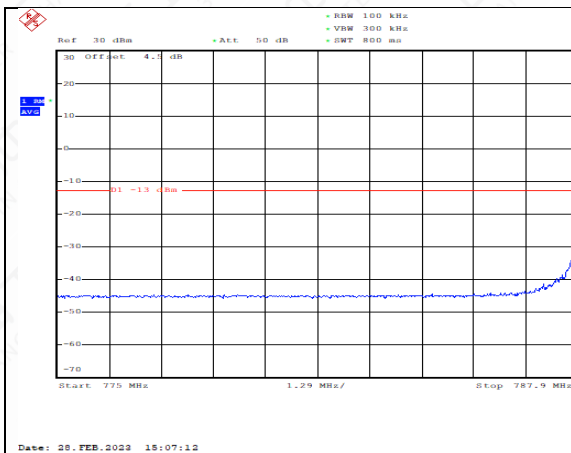
FDD14_5MHz_790.5_QPSK_OneRB_low_ExtraBands_Range_758~769

FDD14_5MHz_790.5_QPSK_OneRB_low_ExtraBands_Range_769~775

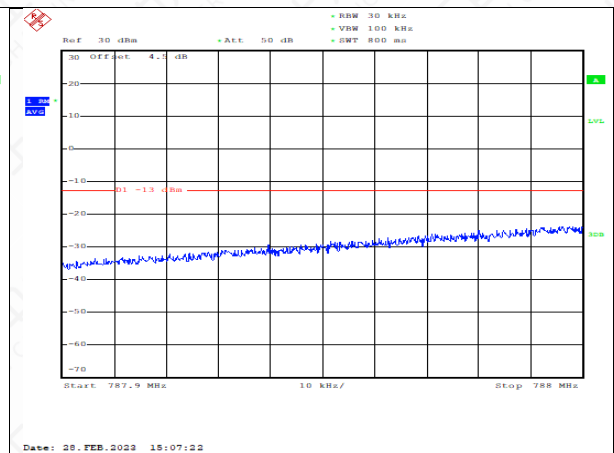


FDD14_5MHz_790.5_QPSK_OneRB_low_ExtraBands_Range_775~787.9

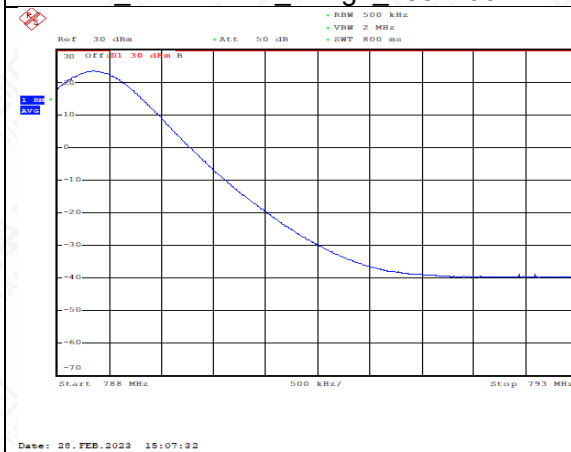
FDD14_5MHz_790.5_QPSK_OneRB_low_ExtraBands_Range_787.9~788



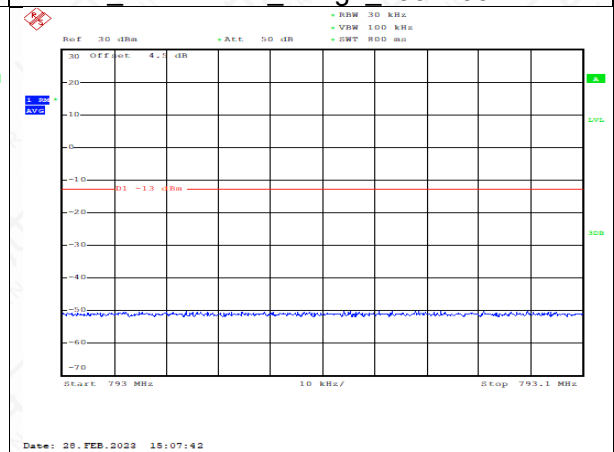
FDD14_5MHz_790.5_QPSK_OneRB_low
ExtraBands_Range 788~793



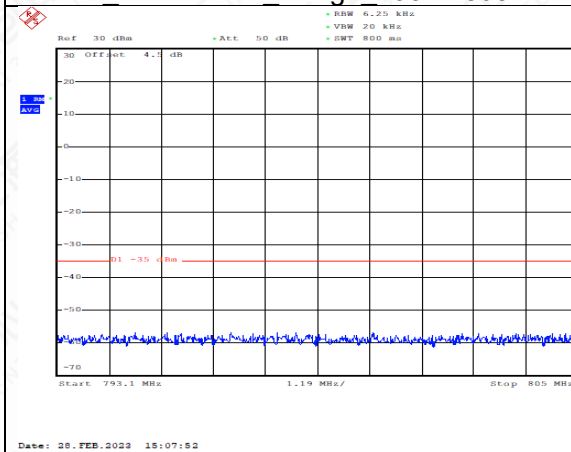
FDD14_5MHz_790.5_QPSK_OneRB_low
ExtraBands_Range 793~793.1



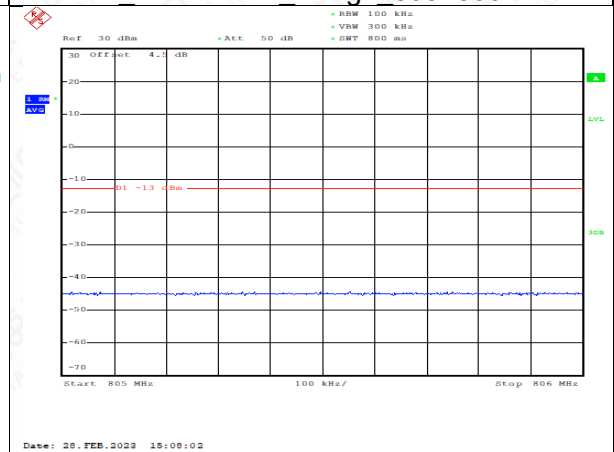
FDD14_5MHz_790.5_QPSK_OneRB_low
ExtraBands_Range 793.1~805



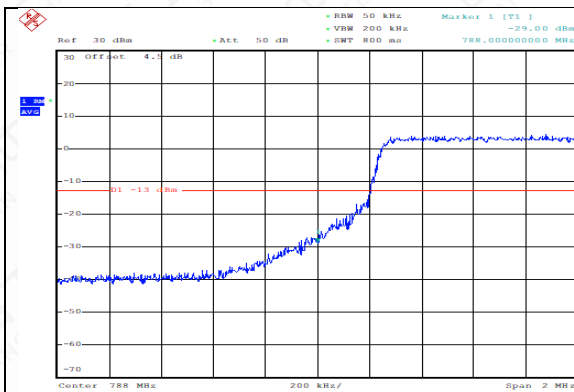
FDD14_5MHz_790.5_QPSK_OneRB_low
ExtraBands_Range 805~806



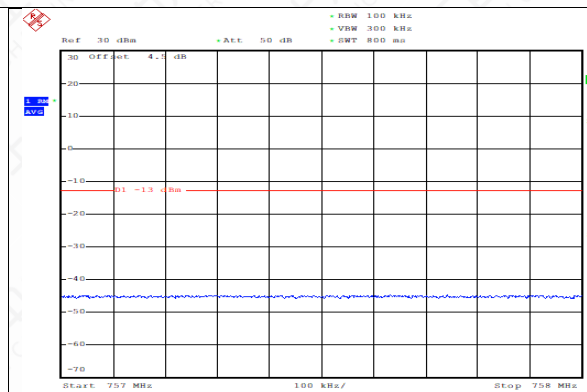
LowRange_FDD14_5MHz_790.5_fullRB
_Low_QPSK



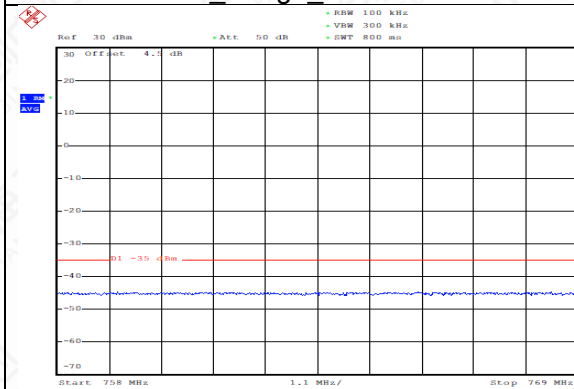
FDD14_5MHz_790.5_QPSK_fullRB_ExtraB
n
ds_Range 757~758



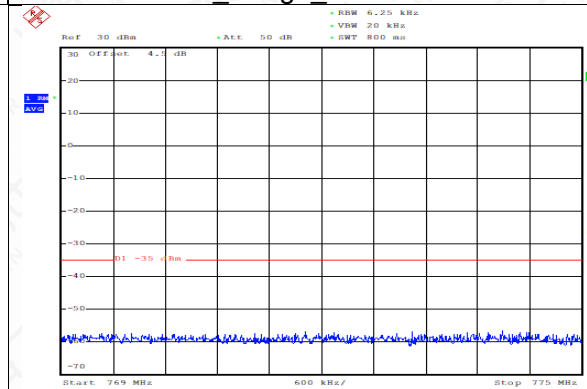
FDD14_5MHz_790.5_QPSK_fullRB_ExtraBand
ds_Range_758~769



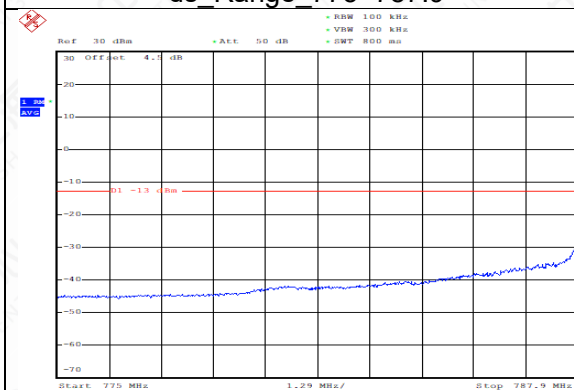
FDD14_5MHz_790.5_QPSK_fullRB_ExtraBand
ds_Range_769~775



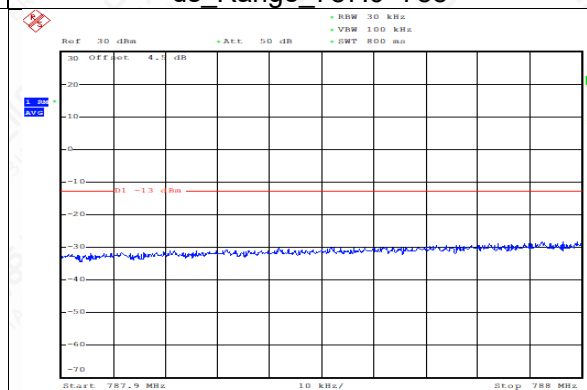
FDD14_5MHz_790.5_QPSK_fullRB_ExtraBand
ds_Range_775~787.9



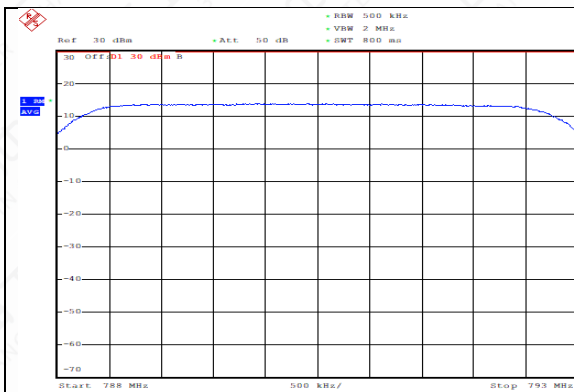
FDD14_5MHz_790.5_QPSK_fullRB_ExtraBand
ds_Range_787.9~788



FDD14_5MHz_790.5_QPSK_fullRB_ExtraBand
ds_Range_788~793

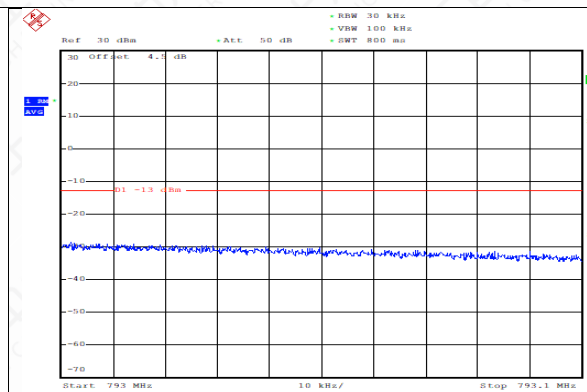


FDD14_5MHz_790.5_QPSK_fullRB_ExtraBand
ds_Range_793~793.1



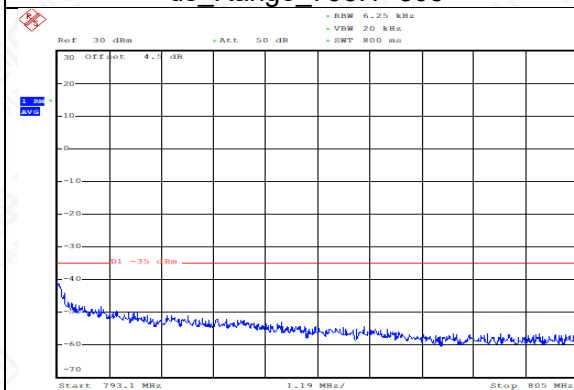
Date: 28.FEB.2023 15:09:22

FDD14_5MHz_790.5_QPSK_fullRB_ExtraBands_Range_793.1~805



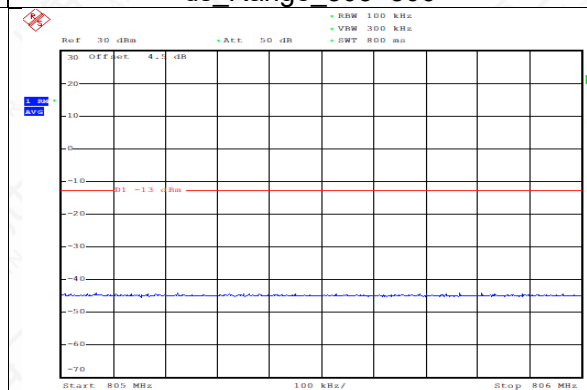
Date: 28.FEB.2023 15:09:22

FDD14_5MHz_790.5_QPSK_fullRB_ExtraBands_Range_805~806



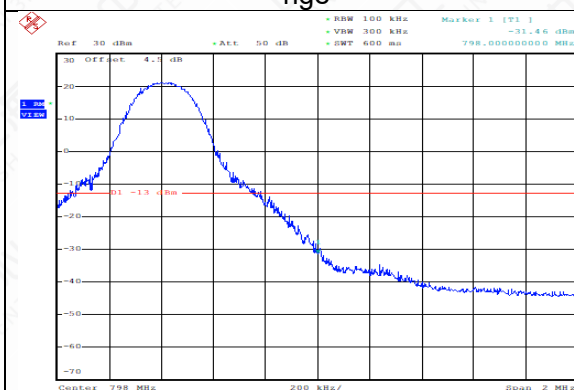
Date: 28.FEB.2023 15:09:42

FDD14_10MHz_793_OneRB_high_QPSKHighRange



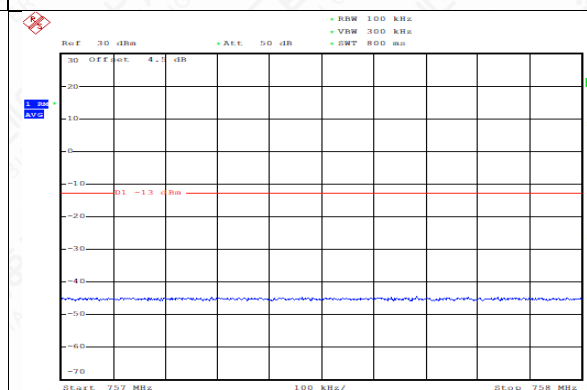
Date: 28.FEB.2023 15:09:52

FDD14_10MHz_793_QPSK_OneRB_high_ExtraBands_Range_757~758



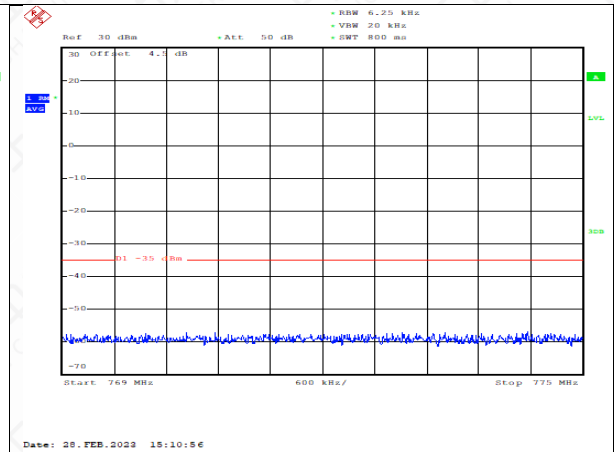
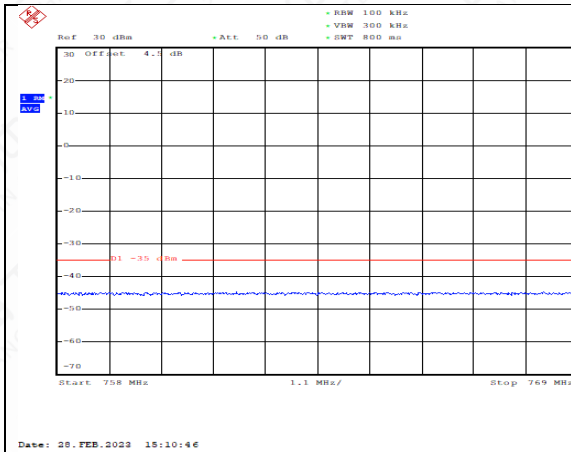
Date: 28.FEB.2023 15:10:26

FDD14_10MHz_793_QPSK_OneRB_high_ExtraBands_Range_758~769



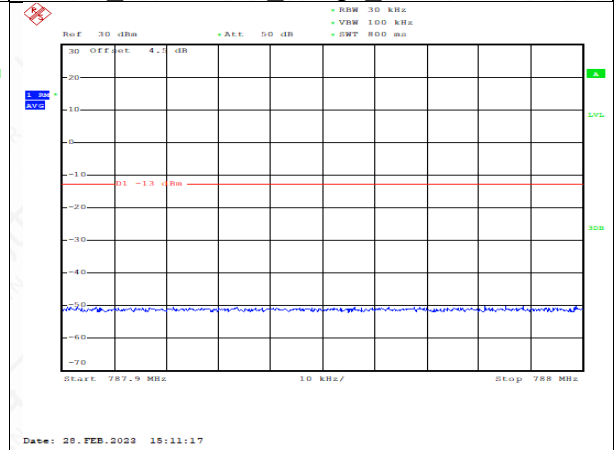
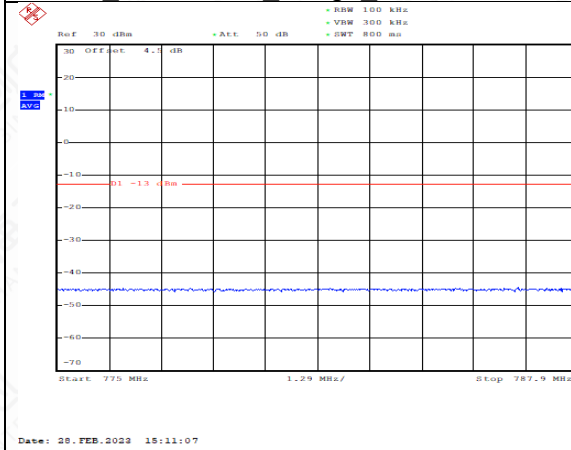
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FDD14_10MHz_793_QPSK_OneRB_high_ExtraBands_Range_769~775



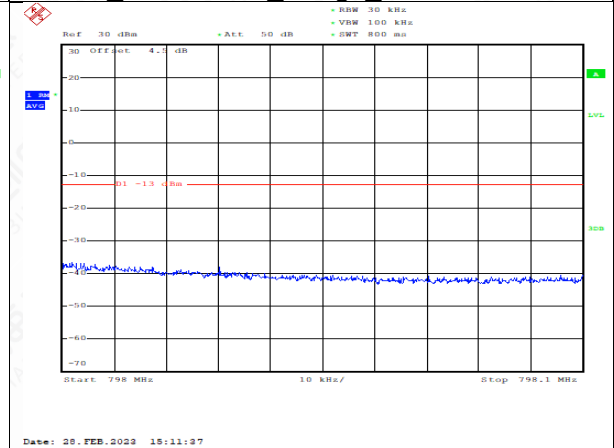
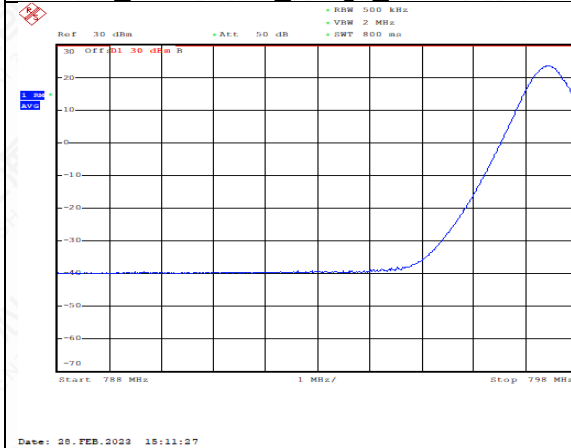
FDD14_10MHz_793_QPSK_OneRB_high
ExtraBands_Range_775~787.9

FDD14_10MHz_793_QPSK_OneRB_high
ExtraBands_Range_787.9~788



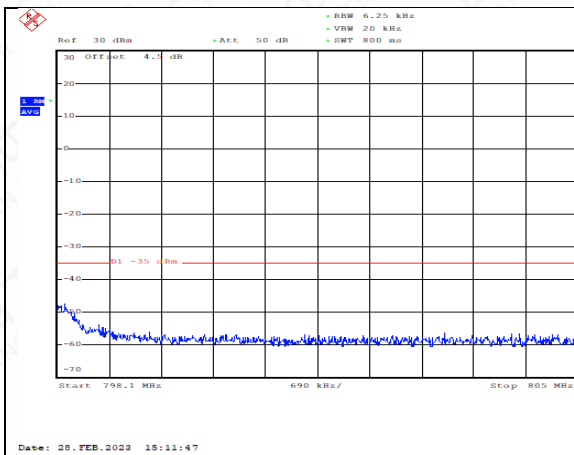
FDD14_10MHz_793_QPSK_OneRB_high
ExtraBands_Range_788~798

FDD14_10MHz_793_QPSK_OneRB_high
ExtraBands_Range_798~798.1

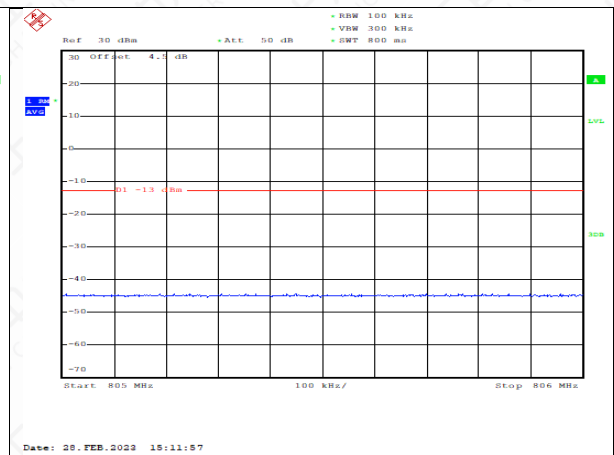


FDD14_10MHz_793_QPSK_OneRB_high
ExtraBands_Range_798.1~805

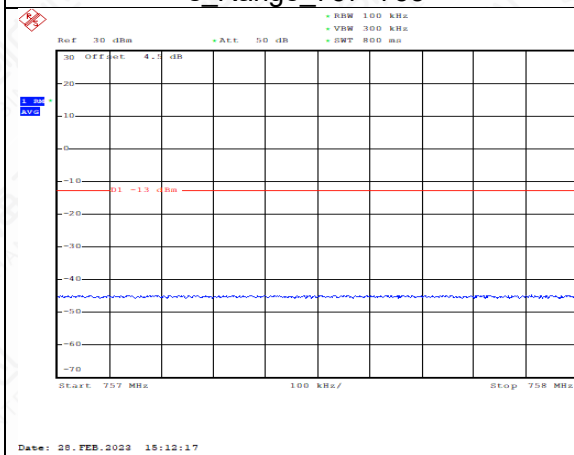
FDD14_10MHz_793_QPSK_OneRB_high
ExtraBands_Range_805~806



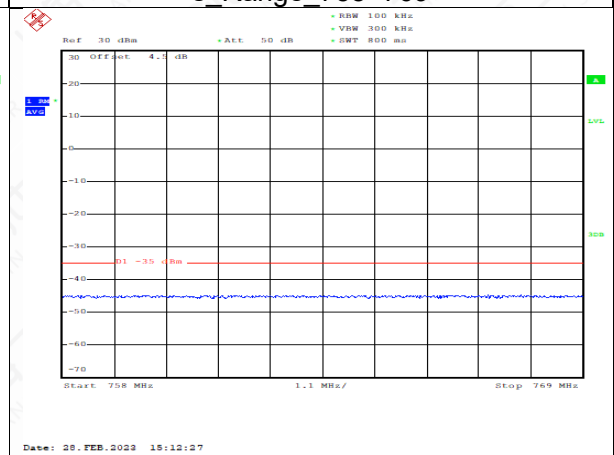
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_757~758



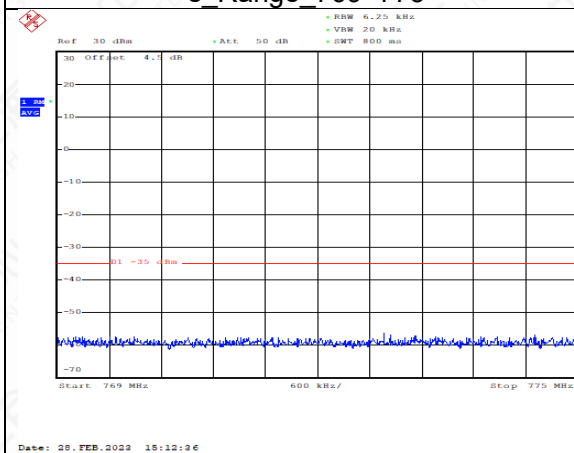
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_758~769



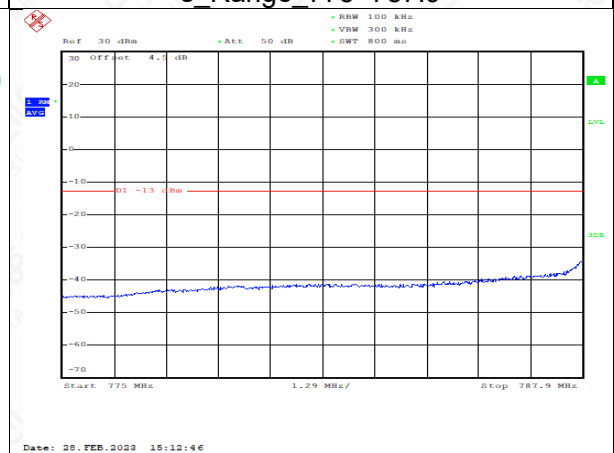
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_769~775



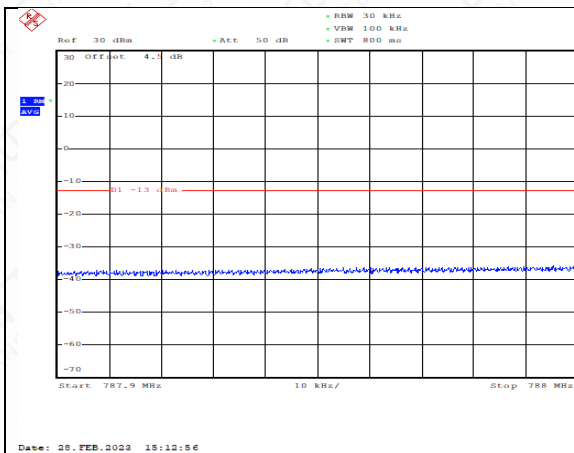
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_775~787.9



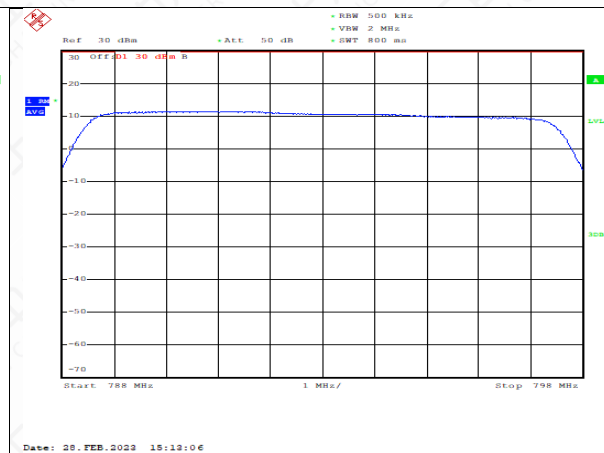
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_787.9~788



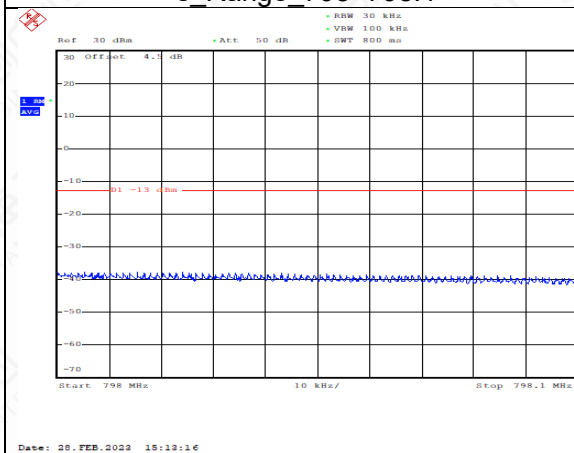
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_788~798



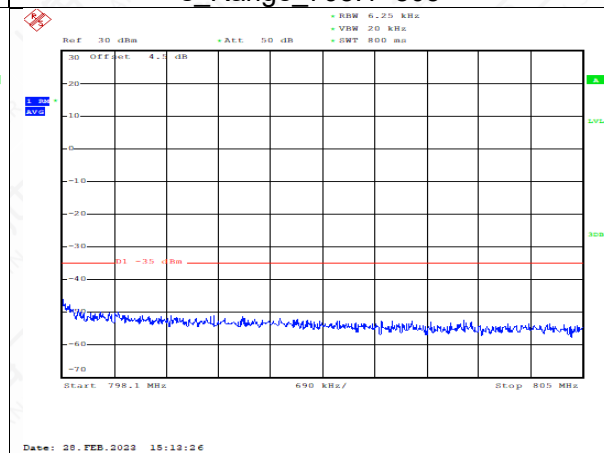
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_798~798.1



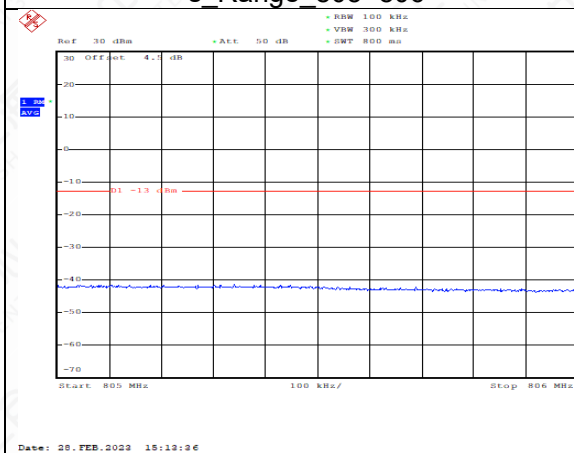
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_798.1~805



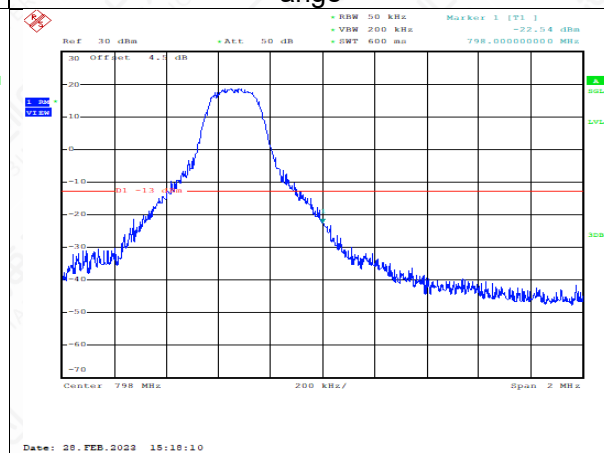
FDD14_10MHz_793_QPSK_fullRB_ExtraBand
s_Range_805~806



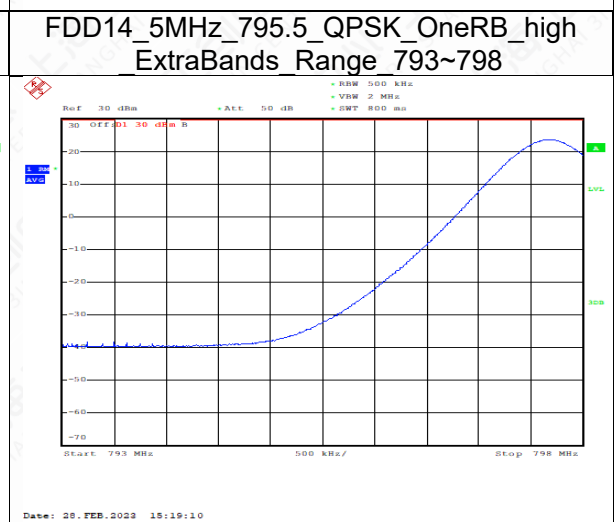
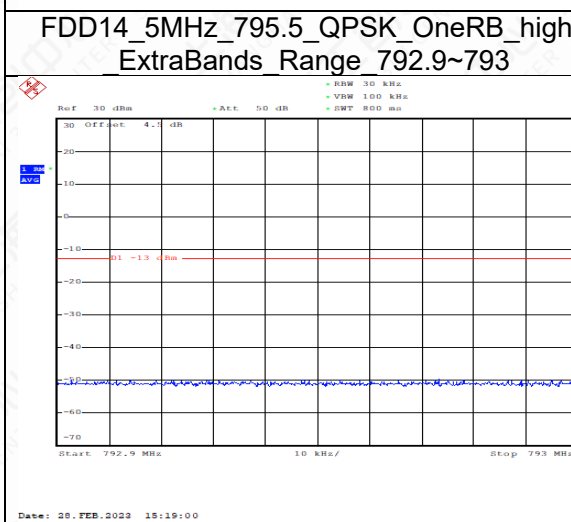
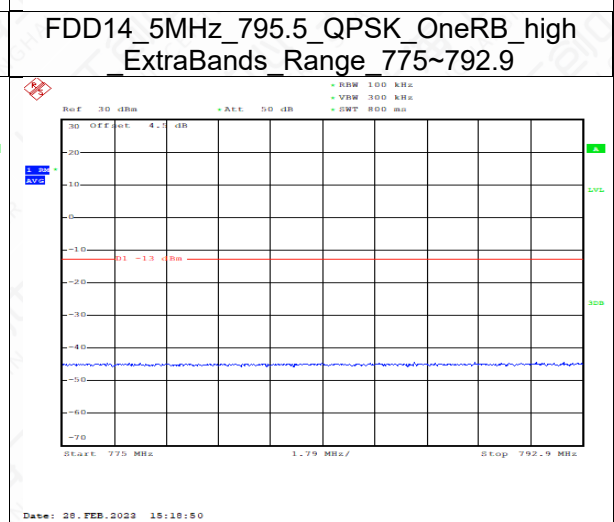
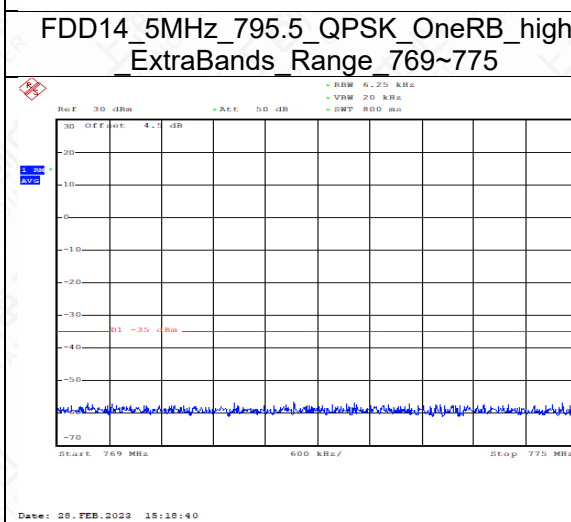
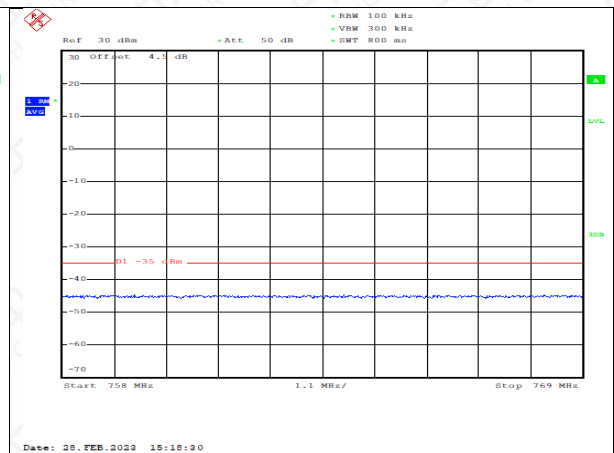
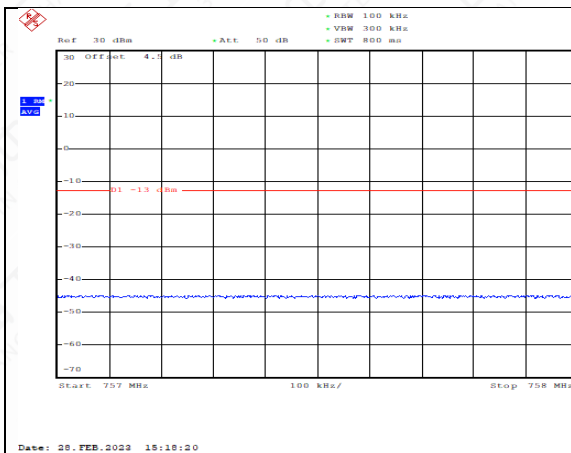
FDD14_5MHz_795.5_OneRB_high_QPSKHighRange

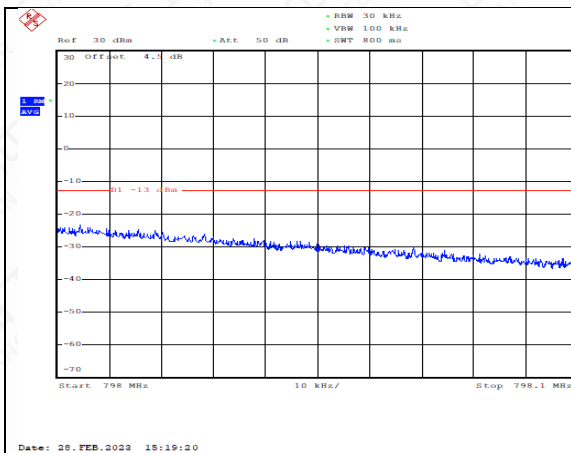


FDD14_5MHz_795.5_QPSK_OneRB_high
ExtraBands_Range_757~758

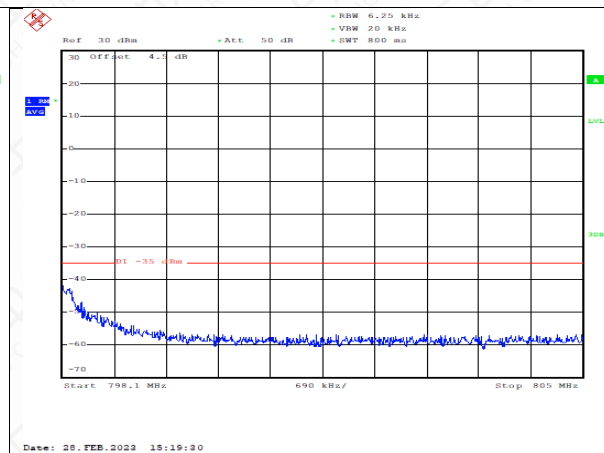


FDD14_5MHz_795.5_QPSK_OneRB_high
ExtraBands_Range_758~769

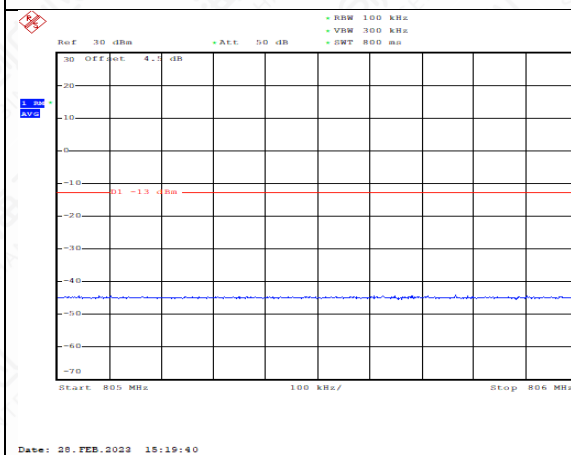




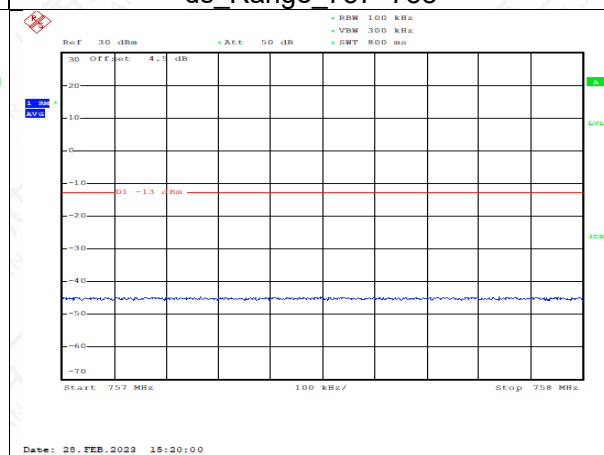
FDD14_5MHz_795.5_QPSK_OneRB_high_ExtraBands_Range_805~806



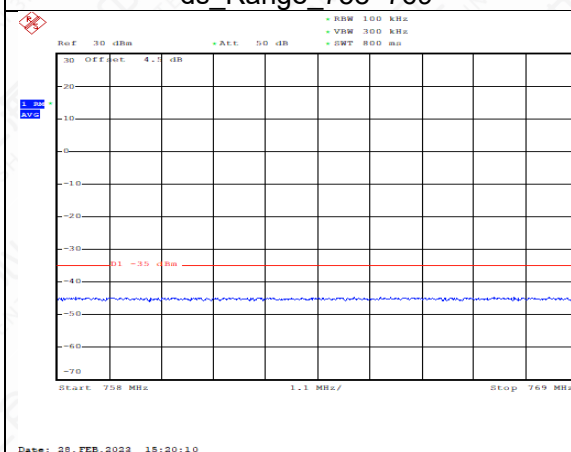
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBands_Range_757~758



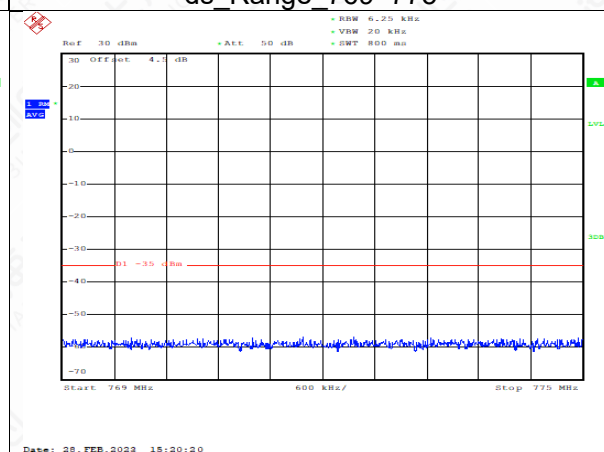
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBands_Range_758~769



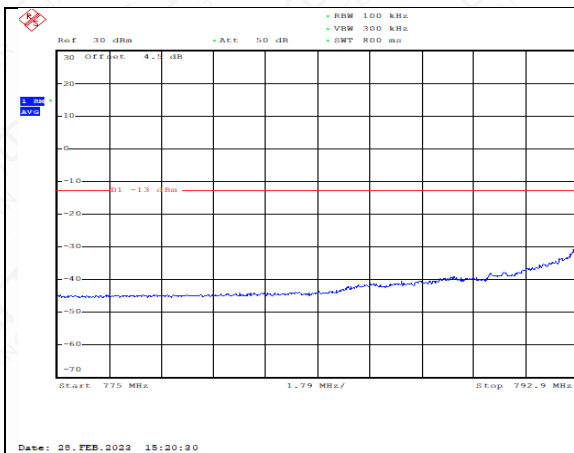
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBands_Range_769~775



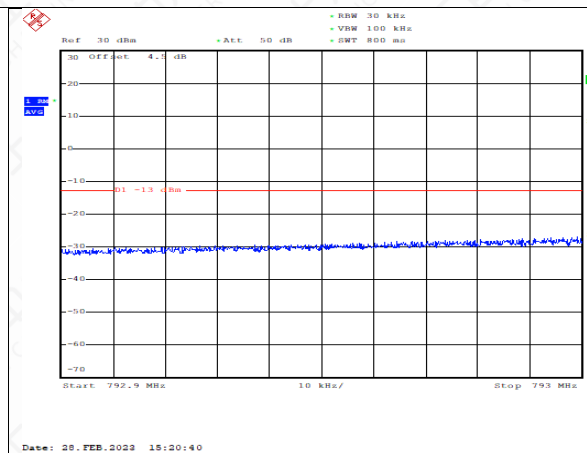
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBands_Range_775~792.9



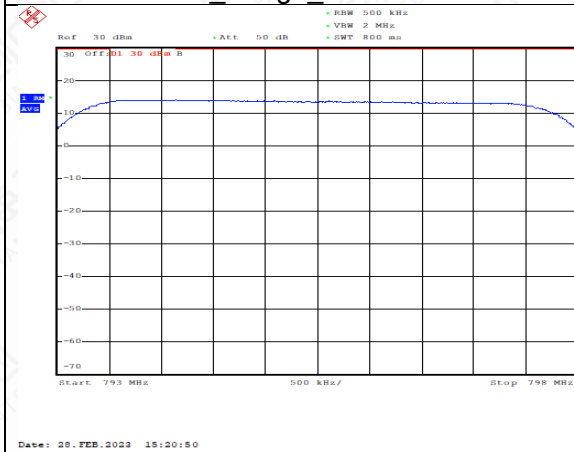
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBands_Range_792.9~793



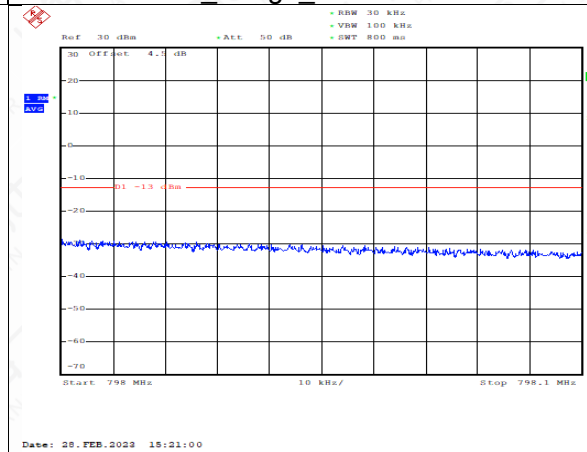
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBand
ds_Range_775~792.9



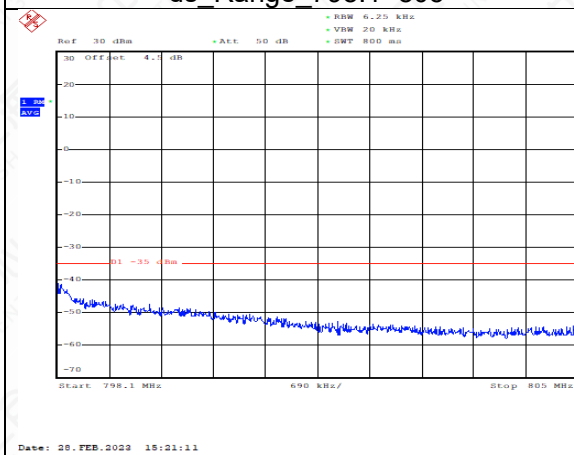
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBand
ds_Range_792.9~793



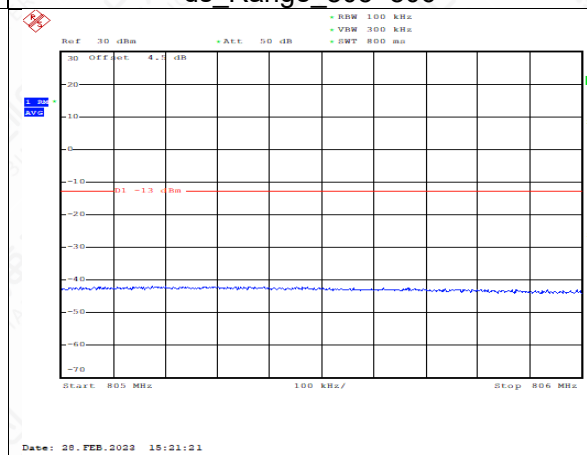
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBand
ds_Range_793~798



FDD14_5MHz_795.5_QPSK_fullRB_ExtraBand
ds_Range_798~798.1



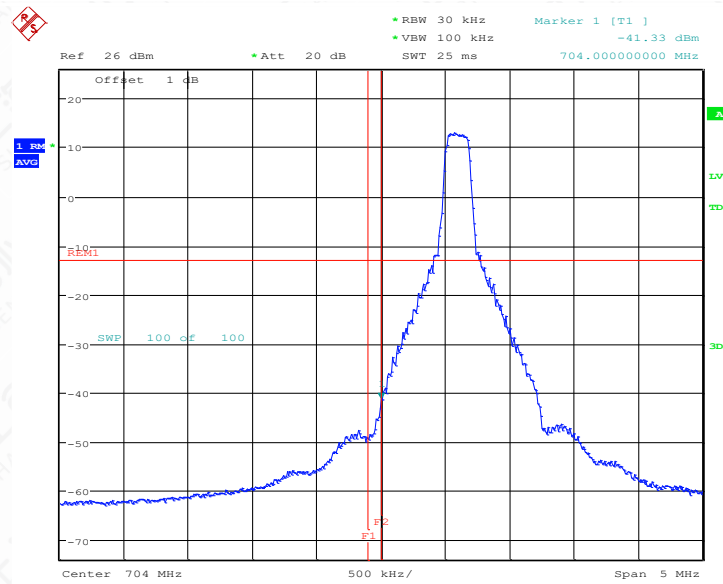
FDD14_5MHz_795.5_QPSK_fullRB_ExtraBand
ds_Range_798.1~805



FDD14_5MHz_795.5_QPSK_fullRB_ExtraBand
ds_Range_805~806

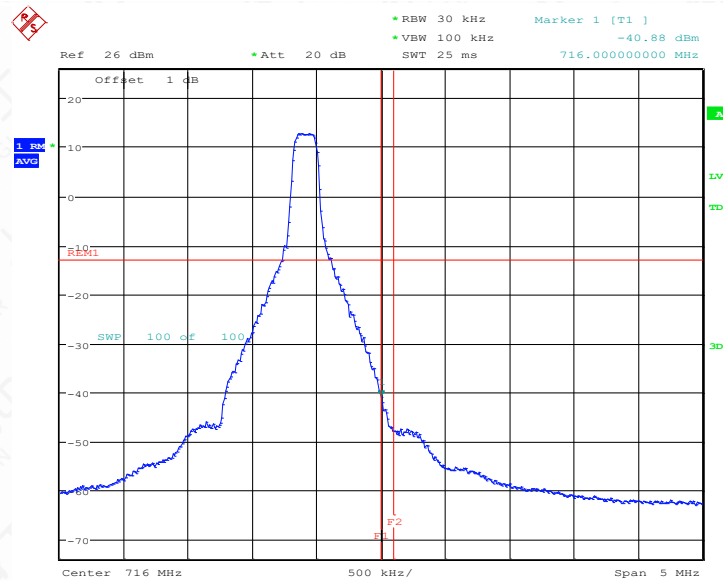
LTE band 17

LOW BAND EDGE BLOCK-1RB-LOW_offset



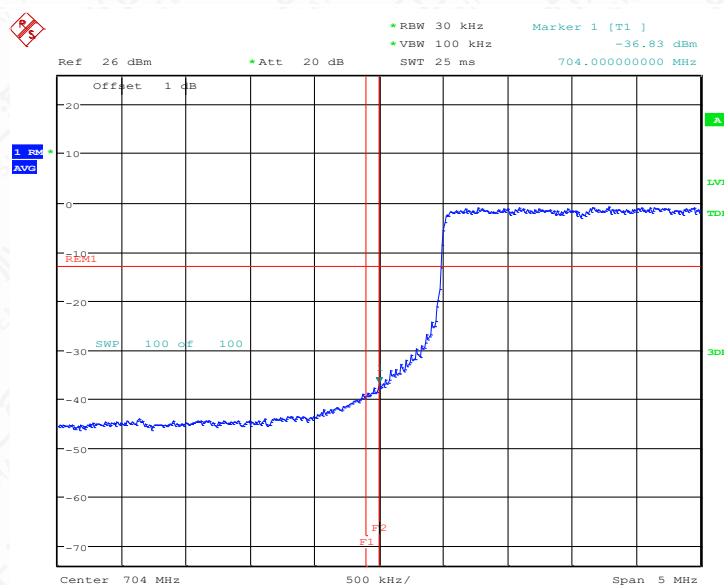
Date: 27.SEP.2022 11:30:33

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



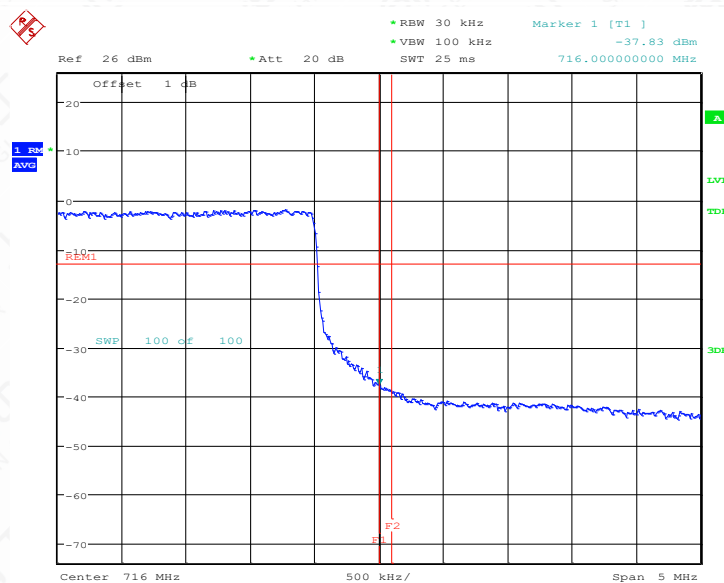
Date: 27.SEP.2022 11:32:48

LOW BAND EDGE BLOCK-10M-100%RB



Date: 21.SEP.2022 02:28:52

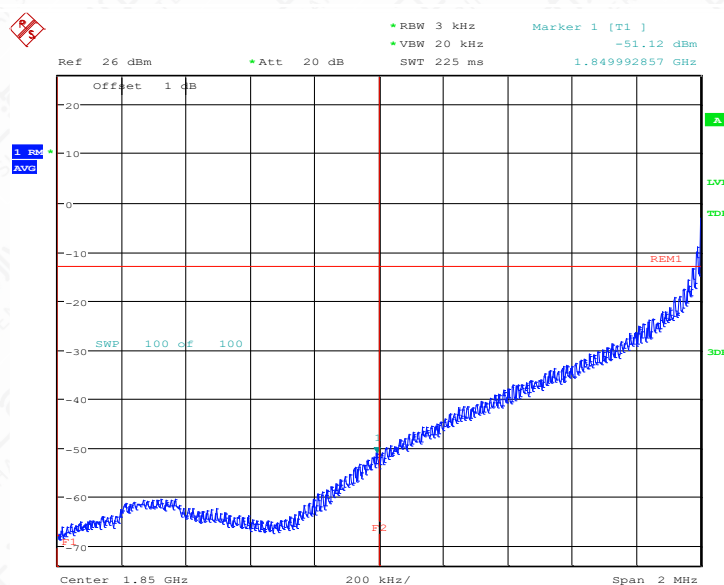
HIGH BAND EDGE BLOCK-10M-100%RB



Date: 21.SEP.2022 02:30:27

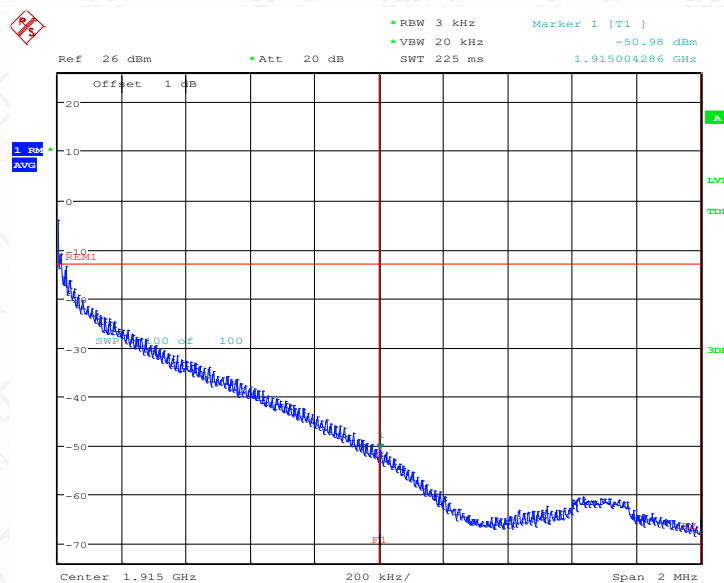
LTE band 25

LOW BAND EDGE BLOCK-1RB-LOW_offset



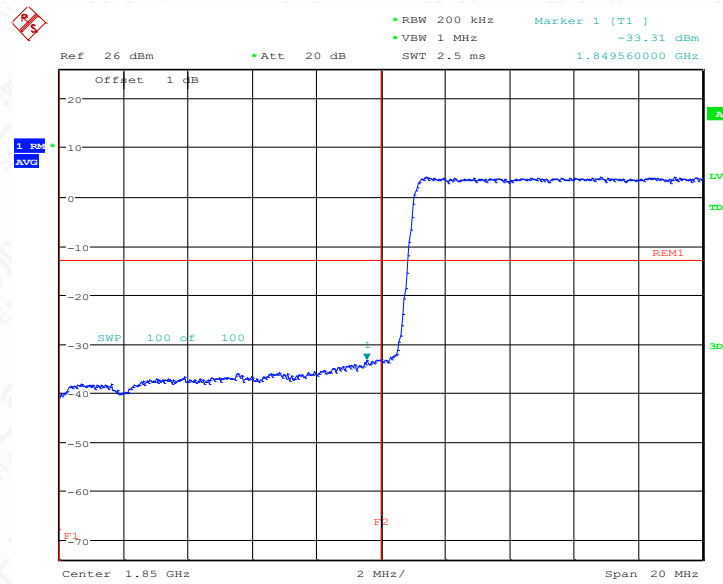
Date: 27.SEP.2022 13:04:01

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



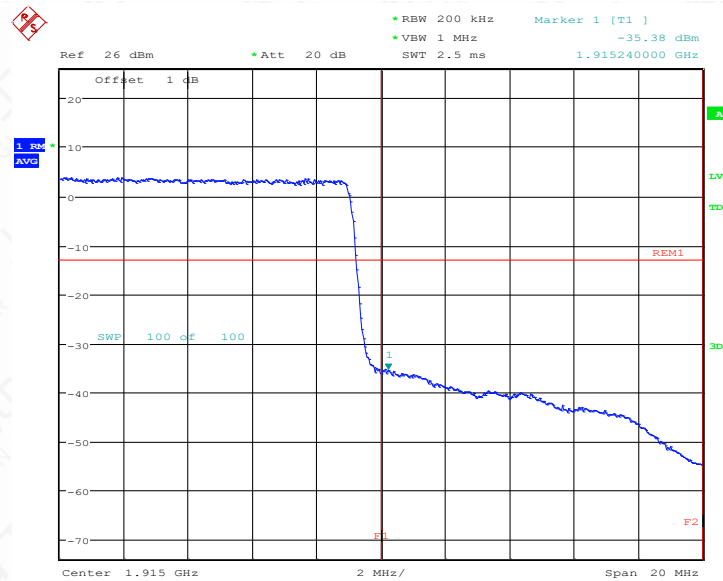
Date: 27.SEP.2022 13:07:04

LOW BAND EDGE BLOCK-20M-100%RB



Date: 21.SEP.2022 03:41:17

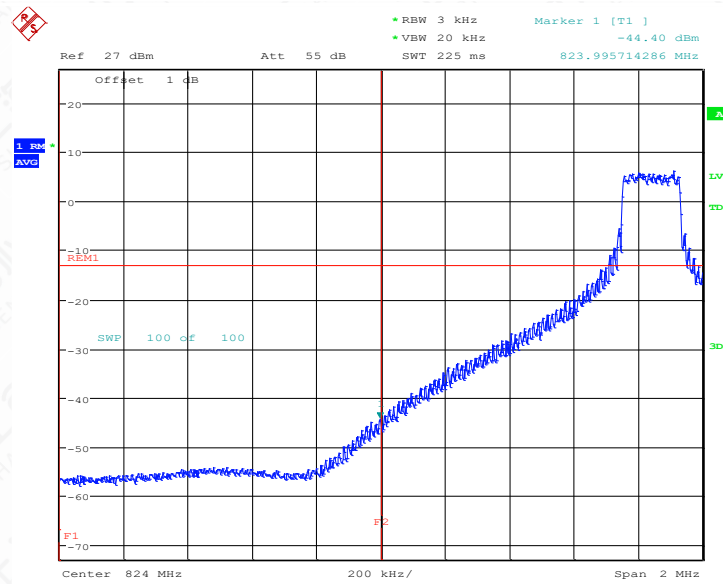
HIGH BAND EDGE BLOCK-20M-100%RB



Date: 21.SEP.2022 03:42:53

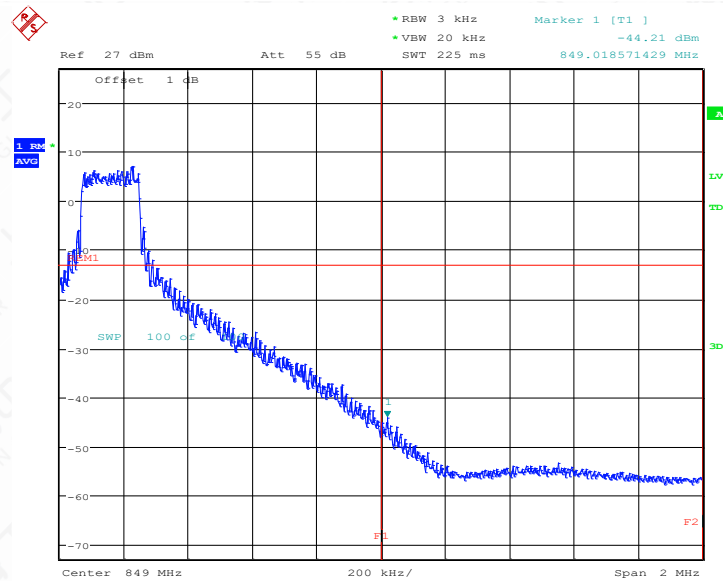
LTE band 26PART22

LOW BAND EDGE BLOCK-1RB-LOW_offset



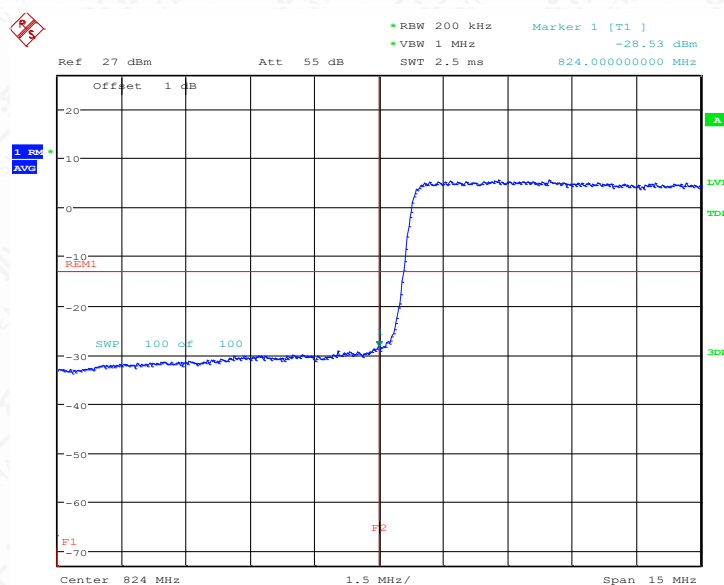
Date: 7.FEB.2023 14:51:21

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



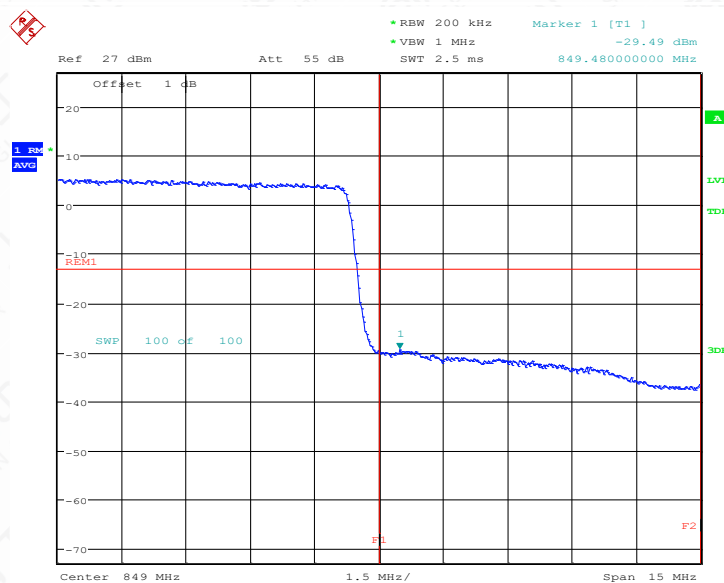
Date: 7.FEB.2023 14:53:39

LOW BAND EDGE BLOCK-15M-100%RB



Date: 7.FEB.2023 14:52:05

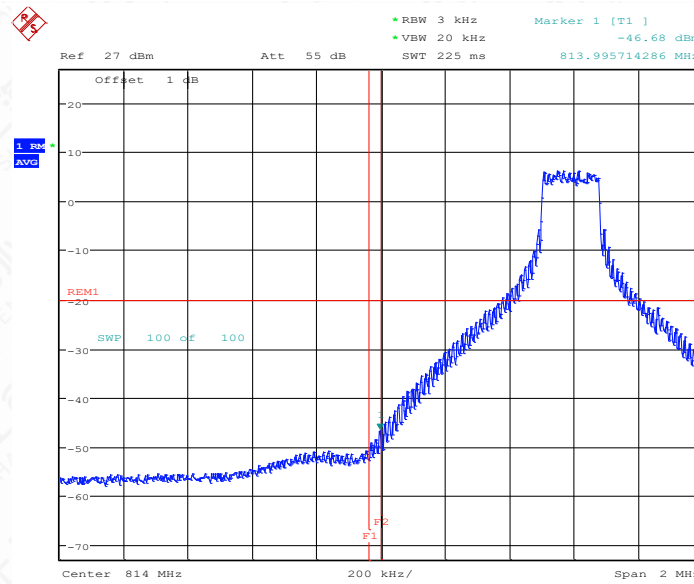
HIGH BAND EDGE BLOCK-15M-100%RB



Date: 7.FEB.2023 14:54:24

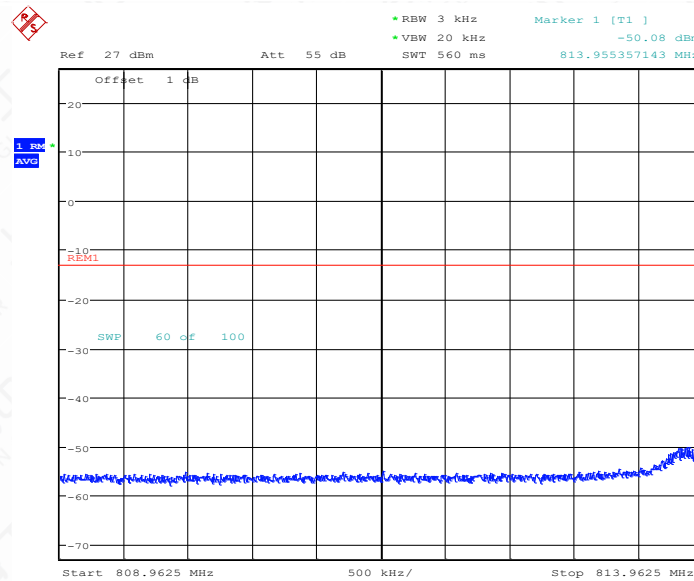
LTE band 26PART90

LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 7.FEB.2023 15:25:25

LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 7.FEB.2023 15:27:13

HIGH BAND EDGE BLOCK-1RB-HIGH_offset