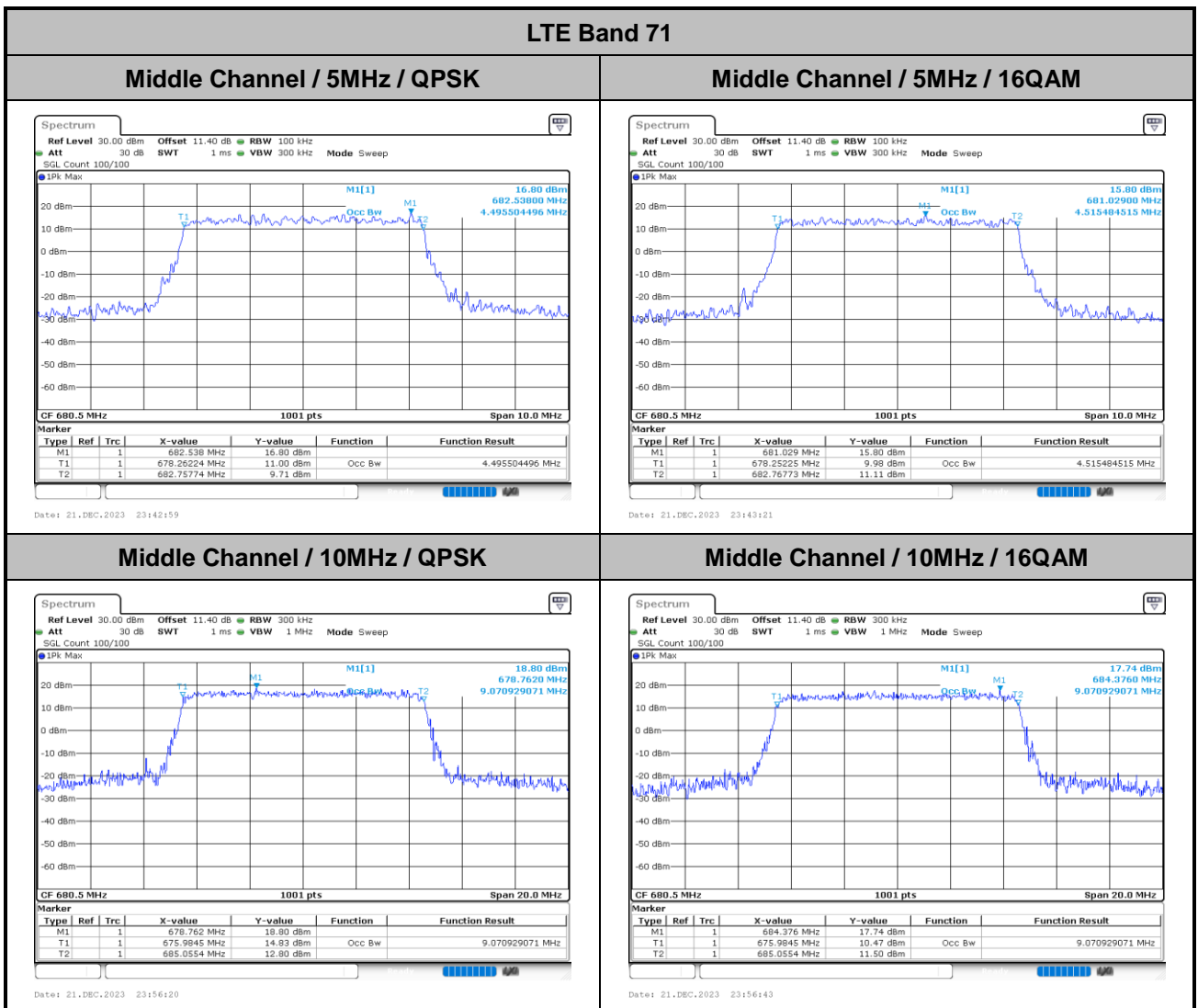




Occupied Bandwidth

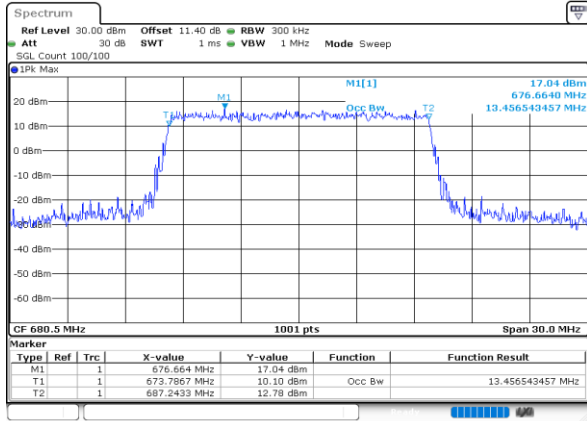
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.51	9.07	9.07	13.45	13.39	17.86	17.86
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.50	4.48	9.01	9.01	13.42	13.42	17.82	17.86





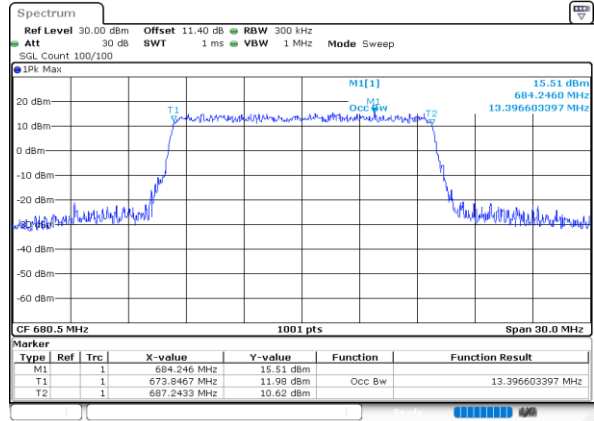
LTE Band 71

Middle Channel / 15MHz / QPSK



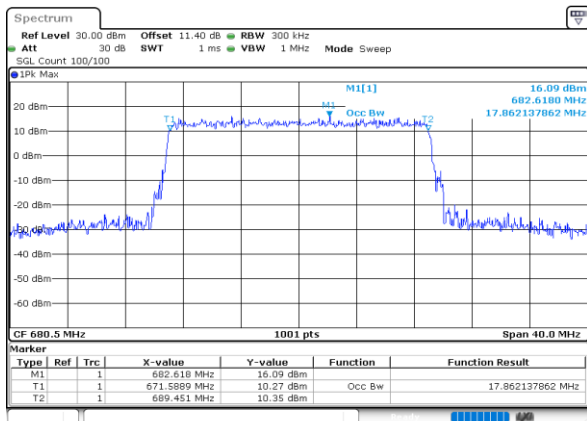
Date: 22.DEC.2023 00:03:50

Middle Channel / 15MHz / 16QAM



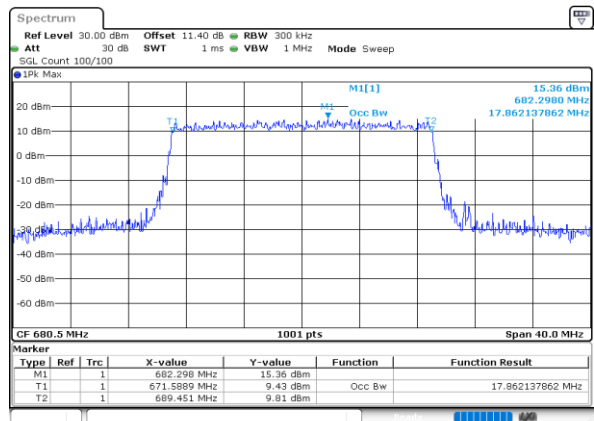
Date: 22.DEC.2023 00:04:13

Middle Channel / 20MHz / QPSK



Date: 22.DEC.2023 00:11:20

Middle Channel / 20MHz / 16QAM

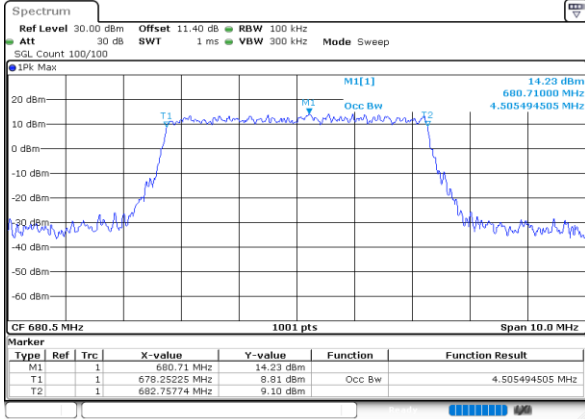


Date: 22.DEC.2023 00:11:43



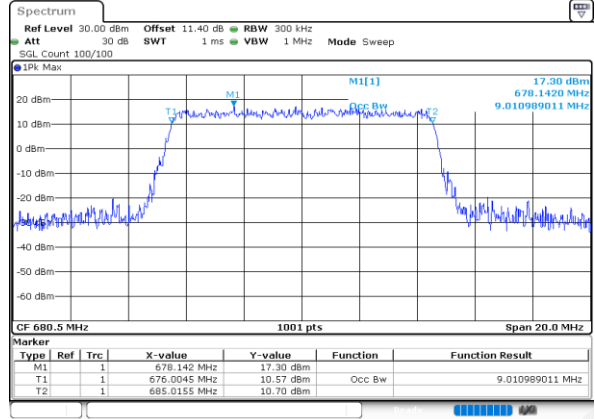
LTE Band 71

Middle Channel / 5MHz / 64QAM



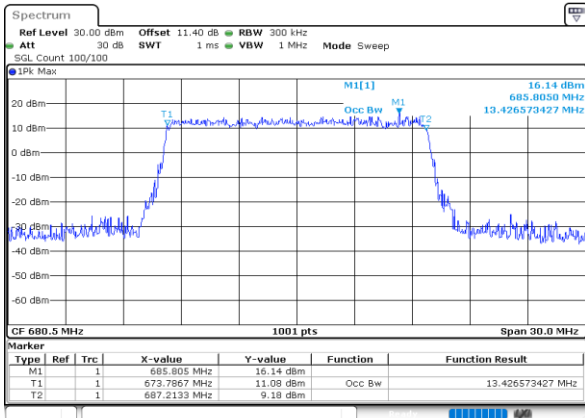
Date: 21.DEC.2023 23:52:05

Middle Channel / 10MHz / 64QAM



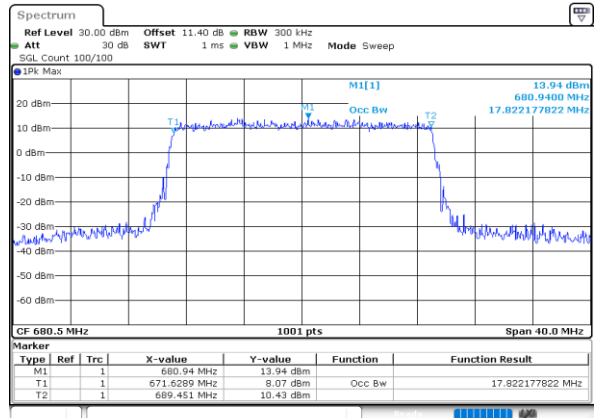
Date: 22.DEC.2023 00:10:27

Middle Channel / 15MHz / 64QAM



Date: 22.DEC.2023 00:07:57

Middle Channel / 20MHz / 64QAM

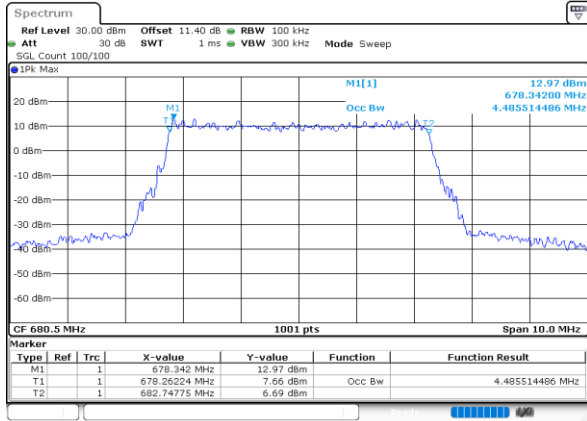


Date: 22.DEC.2023 00:11:27



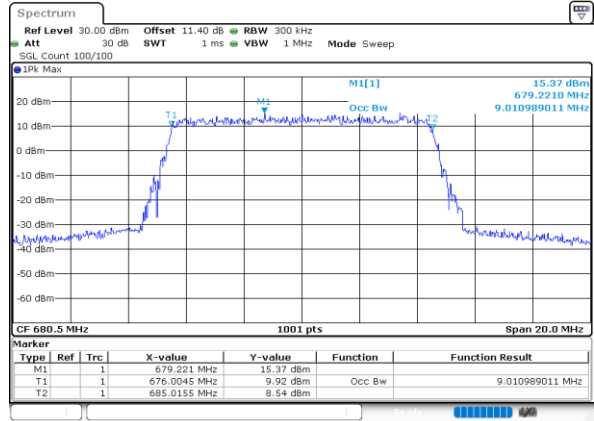
LTE Band 71

Middle Channel / 5MHz / 256QAM



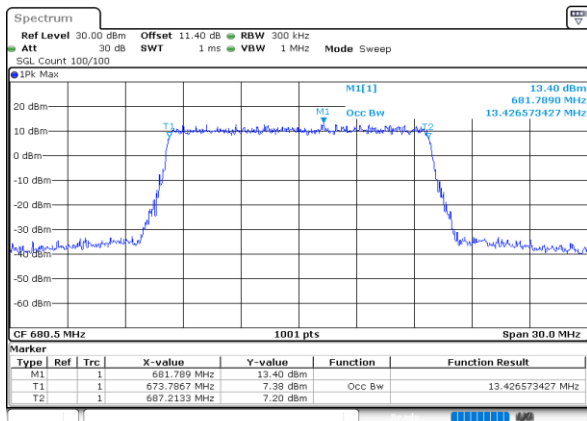
Date: 22.DEC.2023 00:38:02

Middle Channel / 10MHz / 256QAM



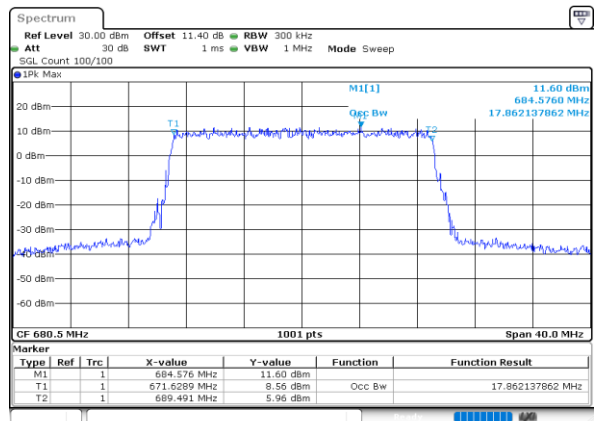
Date: 22.DEC.2023 00:47:08

Middle Channel / 15MHz / 256QAM



Date: 22.DEC.2023 01:03:30

Middle Channel / 20MHz / 256QAM



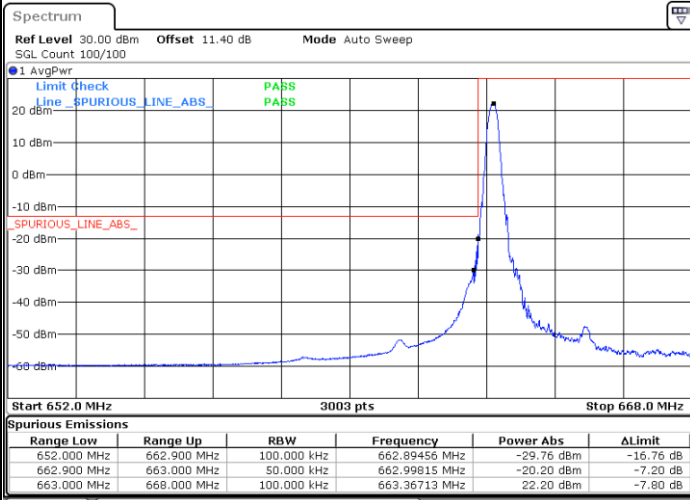
Date: 22.DEC.2023 01:10:25



Conducted Band Edge

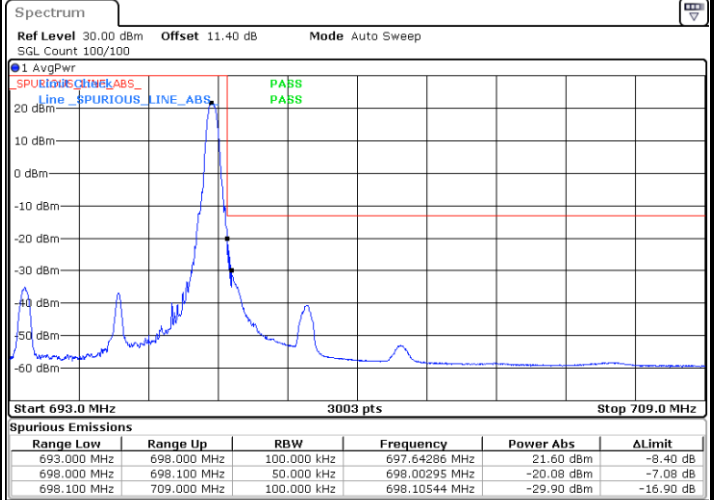
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



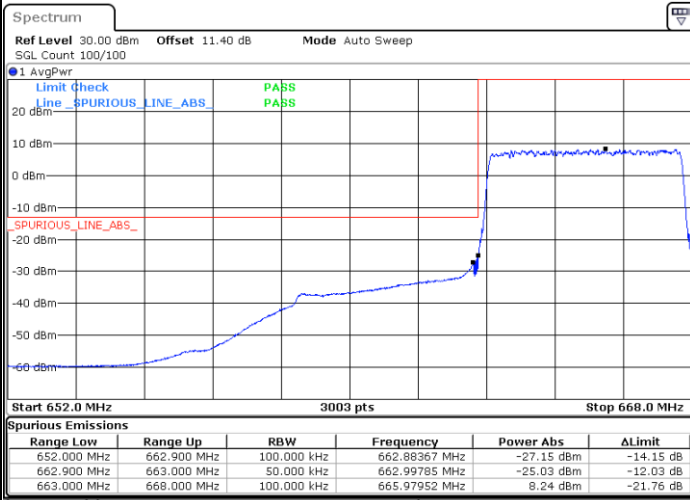
Date: 21.DEC.2023 23:38:47

Highest Band Edge / 1 RB



Date: 21.DEC.2023 23:46:09

Lowest Band Edge / Full RB



Date: 21.DEC.2023 23:40:31

Highest Band Edge / Full RB

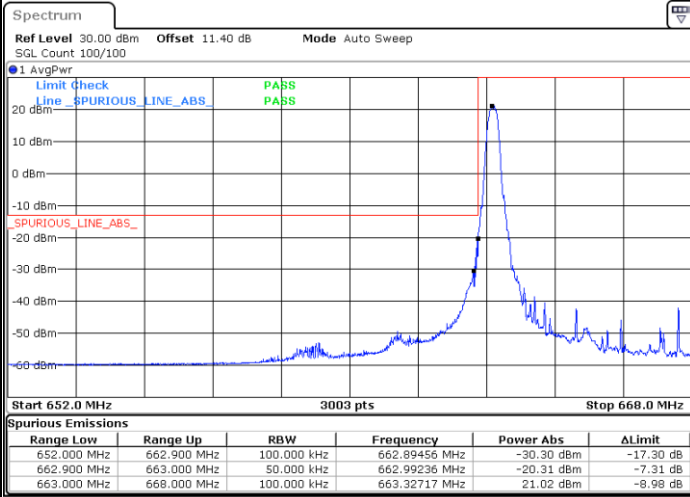


Date: 21.DEC.2023 23:47:53



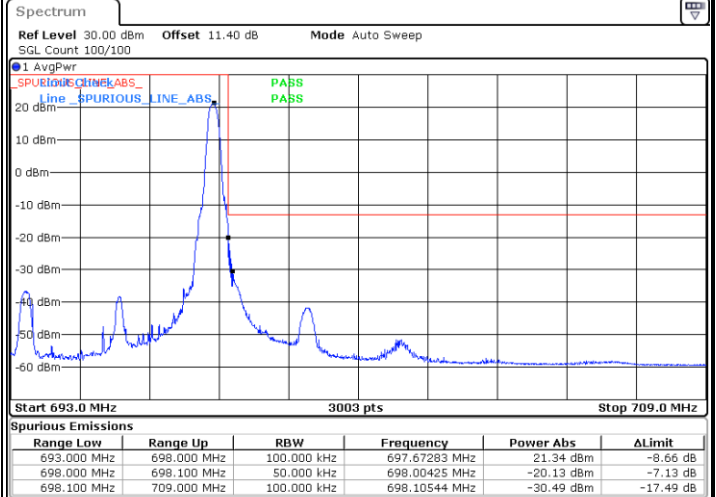
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



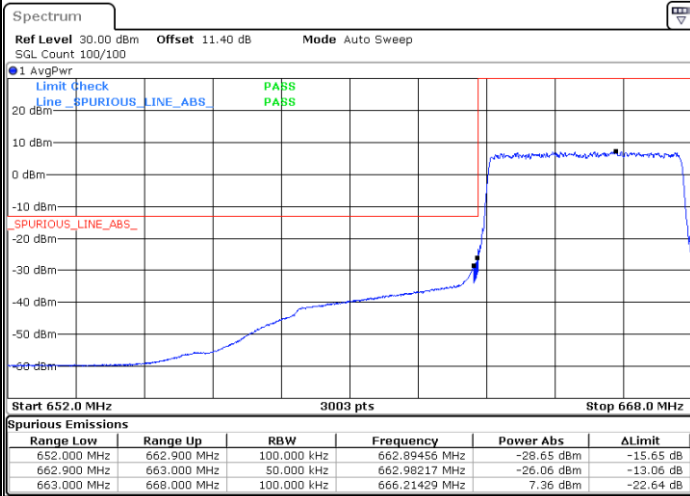
Date: 21.DEC.2023 23:39:39

Highest Band Edge / 1 RB



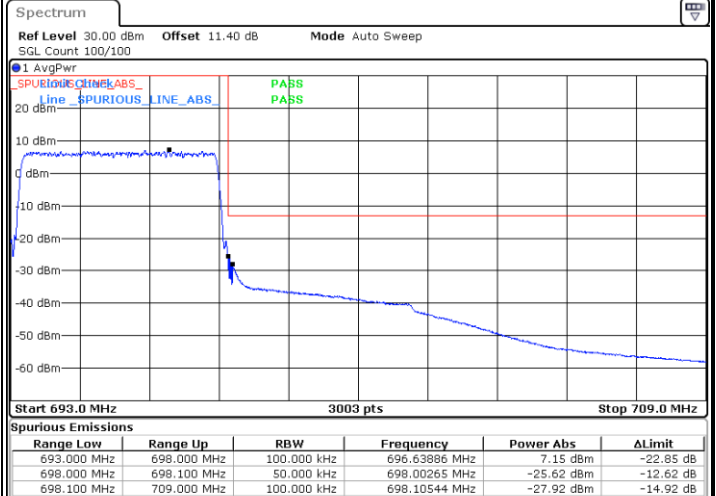
Date: 21.DEC.2023 23:47:01

Lowest Band Edge / Full RB



Date: 21.DEC.2023 23:41:24

Highest Band Edge / Full RB

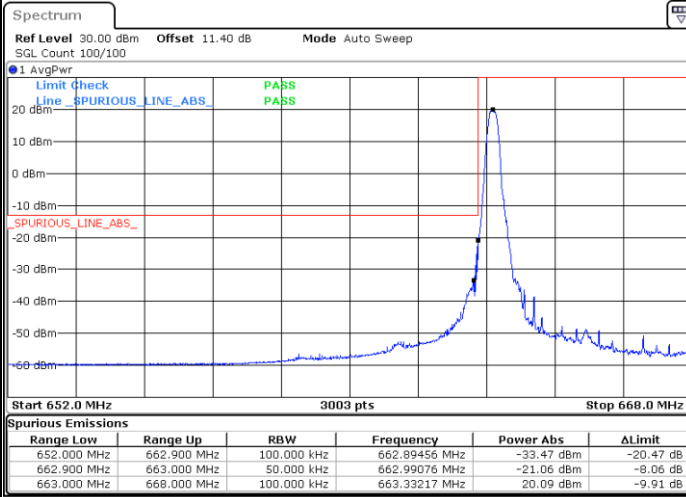


Date: 21.DEC.2023 23:48:46



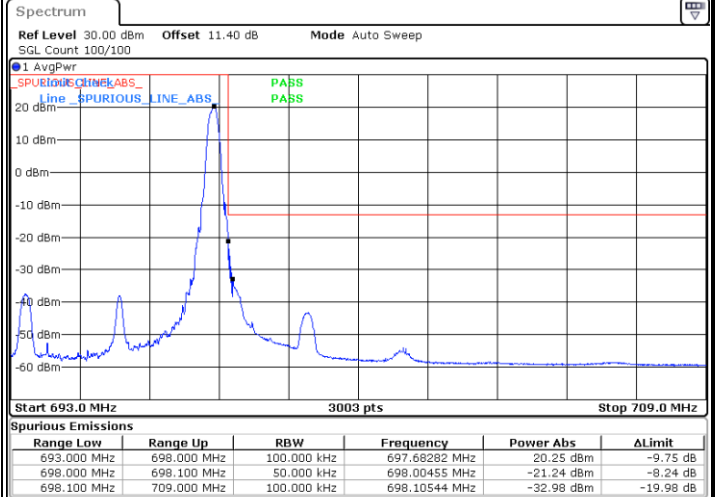
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



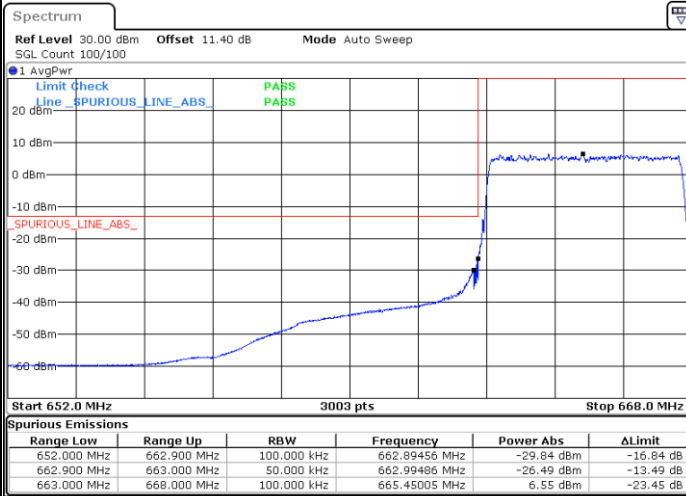
Date: 21.DEC.2023 23:50:49

Highest Band Edge / 1 RB



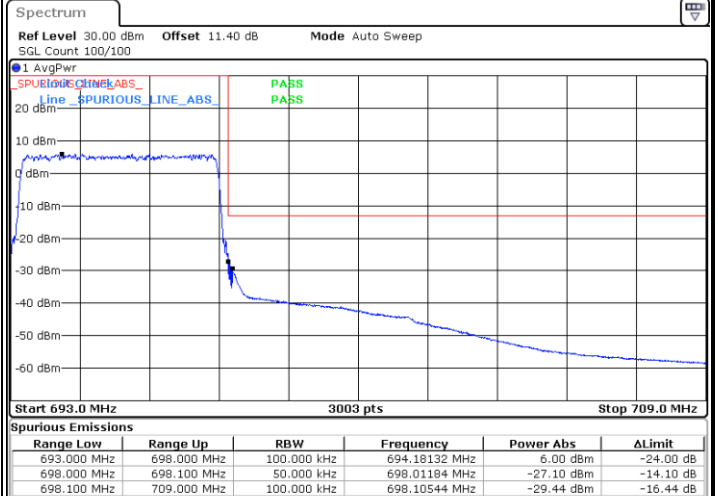
Date: 21.DEC.2023 23:53:19

Lowest Band Edge / Full RB



Date: 21.DEC.2023 23:51:42

Highest Band Edge / Full RB

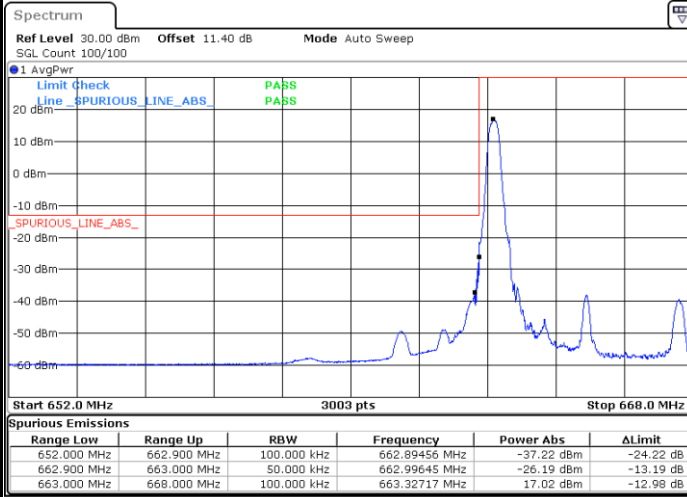


Date: 21.DEC.2023 23:54:11



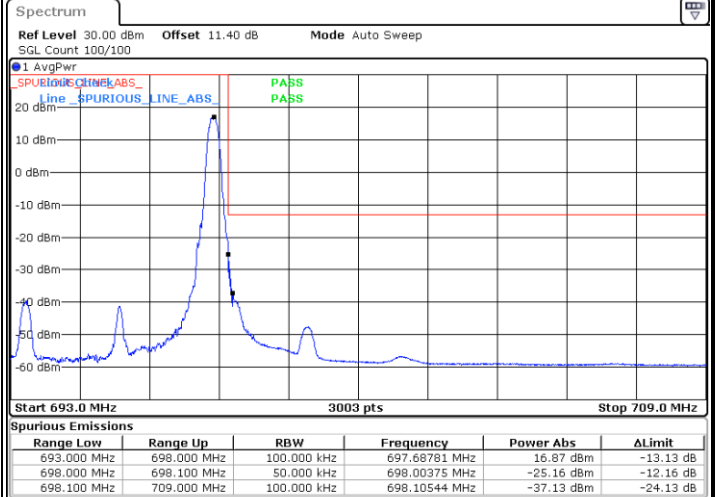
LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB



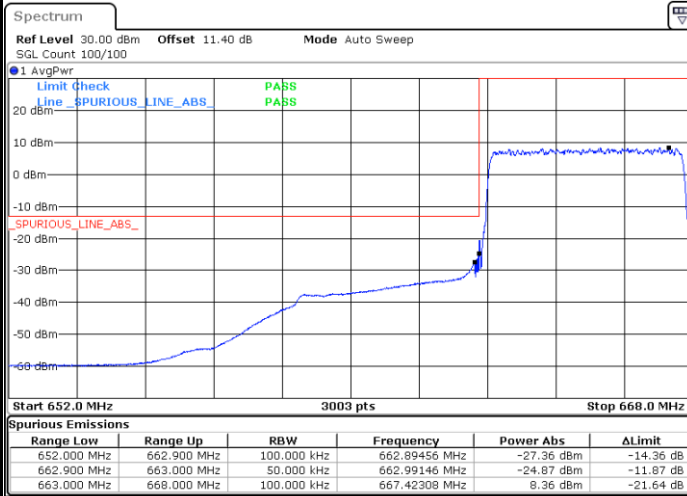
Date: 22.DEC.2023 00:29:27

Highest Band Edge / 1 RB



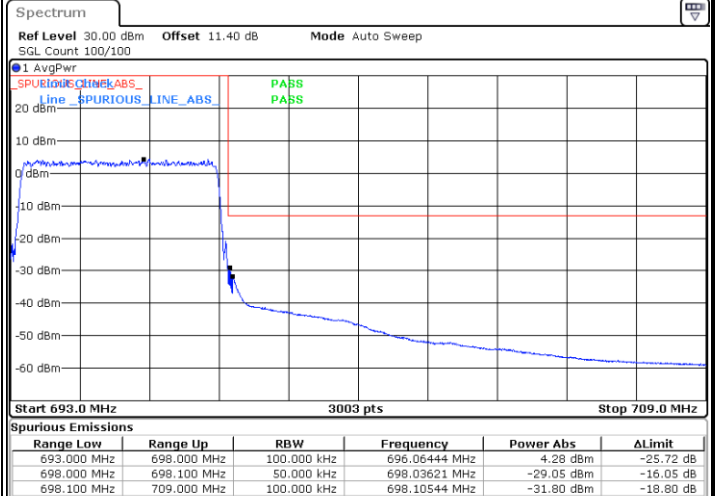
Date: 22.DEC.2023 00:40:02

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:37:38

Highest Band Edge / Full RB

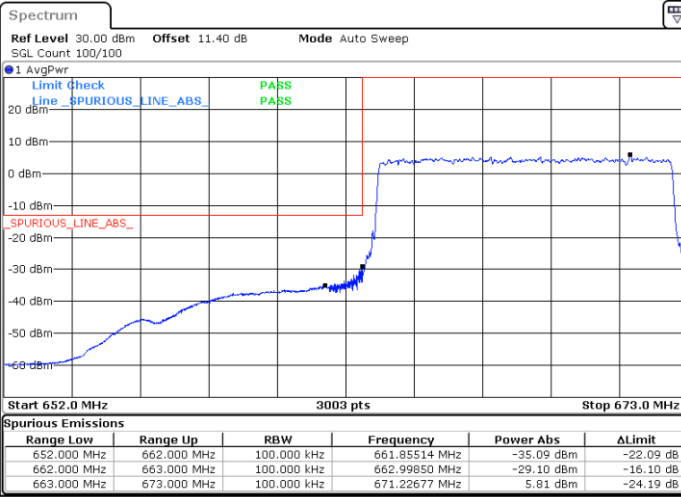


Date: 22.DEC.2023 00:40:57



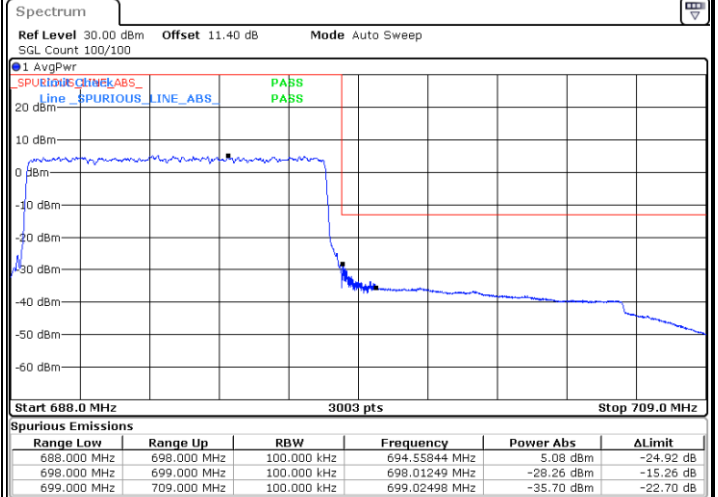
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 21.DEC.2023 23:55:04

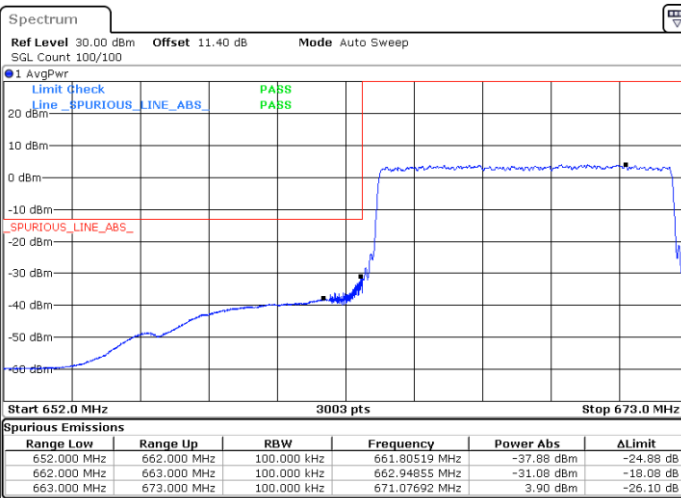
Highest Band Edge / Full RB



Date: 21.DEC.2023 23:58:19

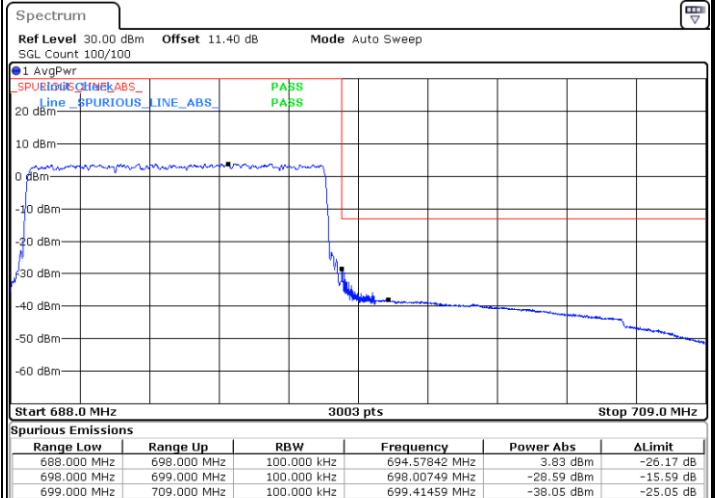
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 23:55:56

Highest Band Edge / Full RB

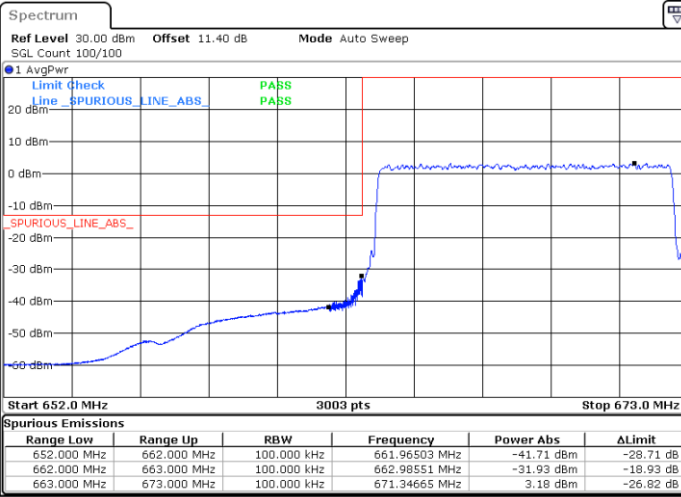


Date: 21.DEC.2023 23:59:12



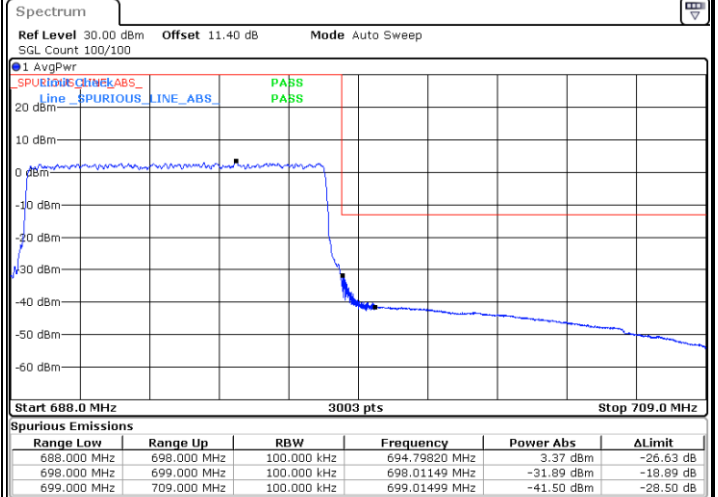
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:00:04

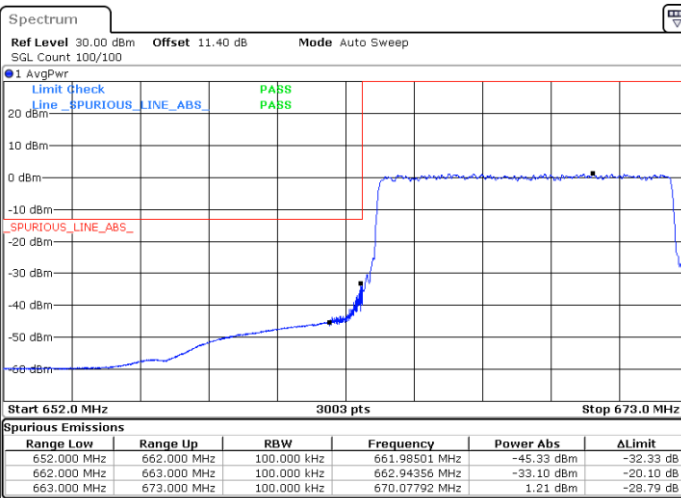
Highest Band Edge / Full RB



Date: 22.DEC.2023 00:01:41

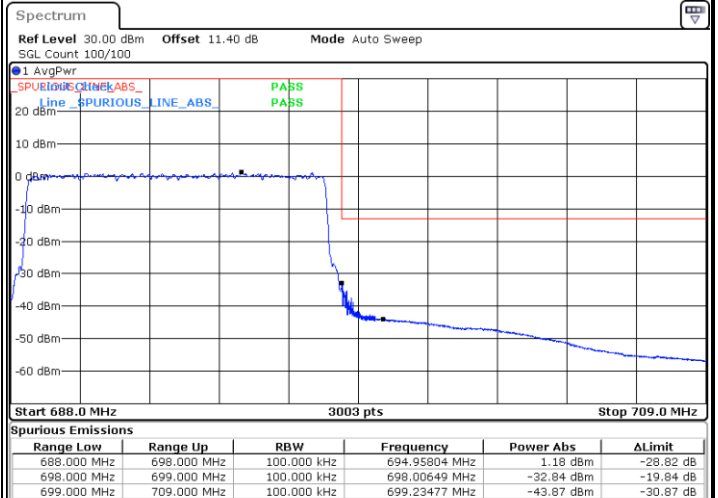
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:46:26

Highest Band Edge / Full RB

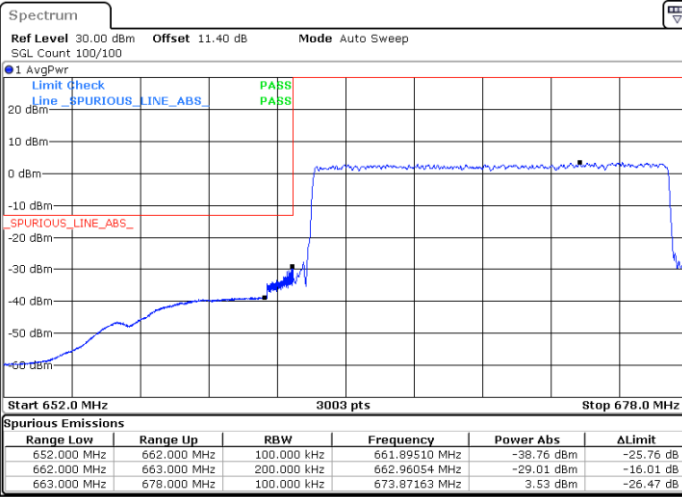


Date: 22.DEC.2023 00:49:09



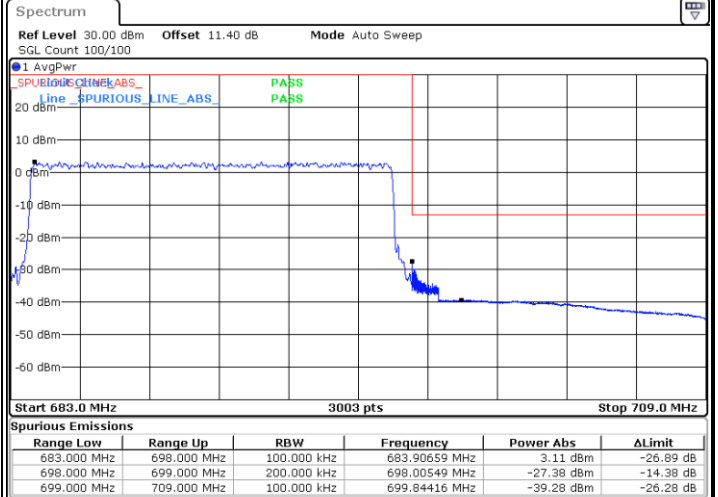
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:02:34

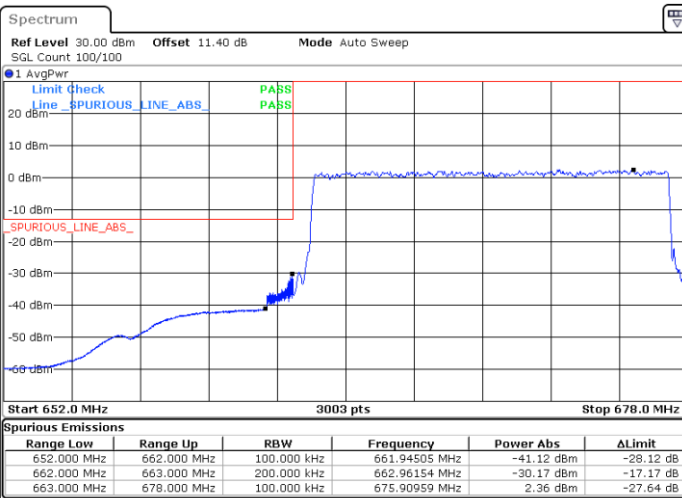
Highest Band Edge / Full RB



Date: 22.DEC.2023 00:05:49

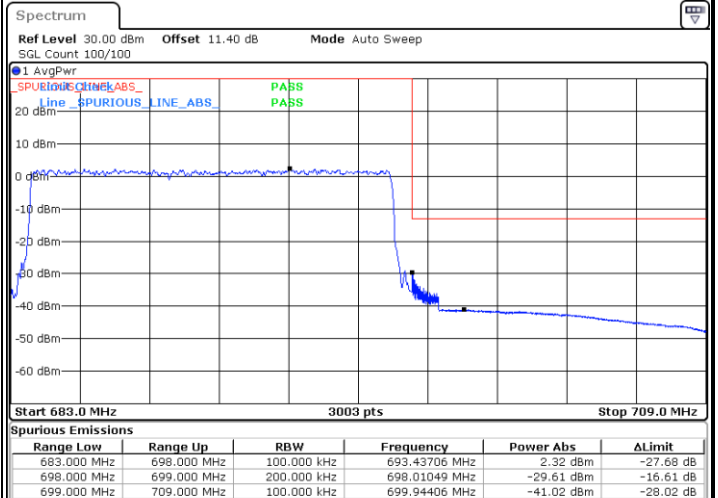
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:03:26

Highest Band Edge / Full RB

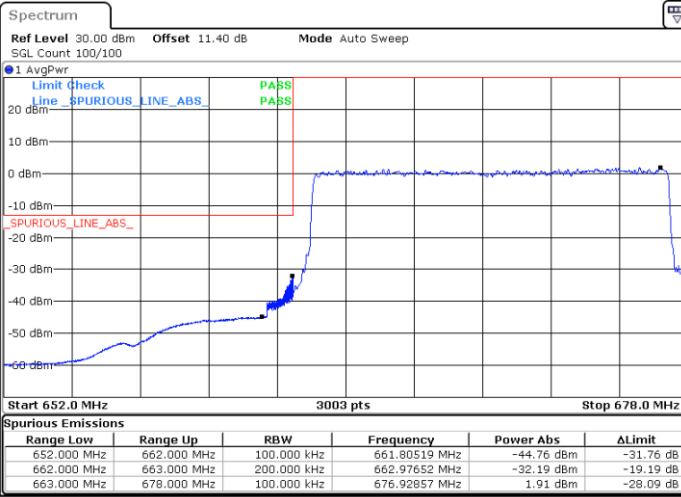


Date: 22.DEC.2023 00:06:42



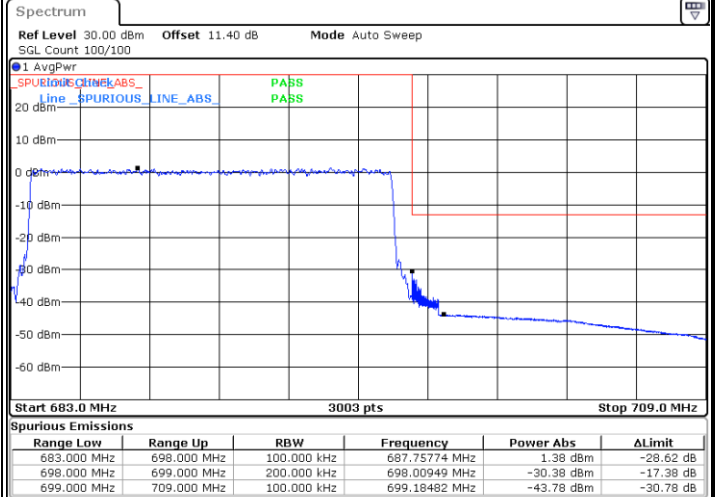
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:07:34

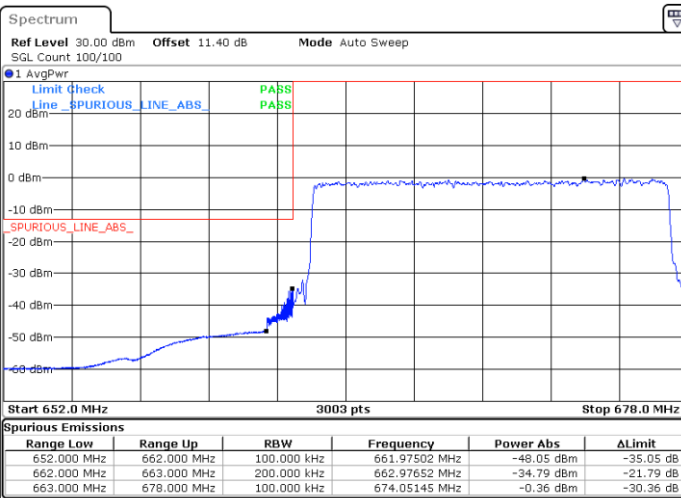
Highest Band Edge / Full RB



Date: 22.DEC.2023 00:09:11

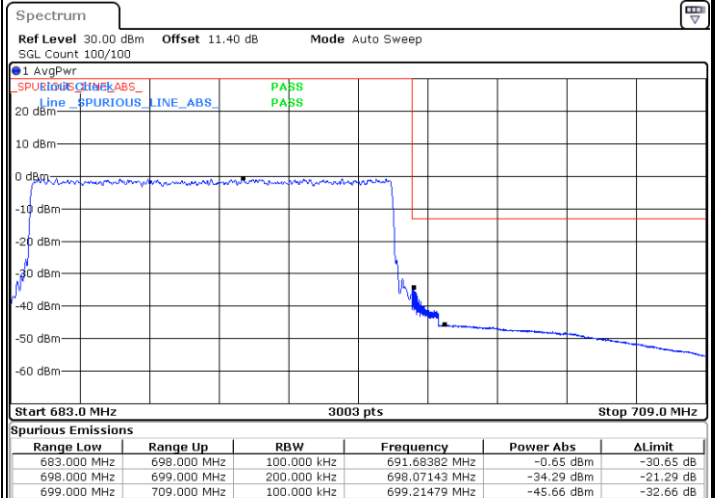
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 01:02:57

Highest Band Edge / Full RB

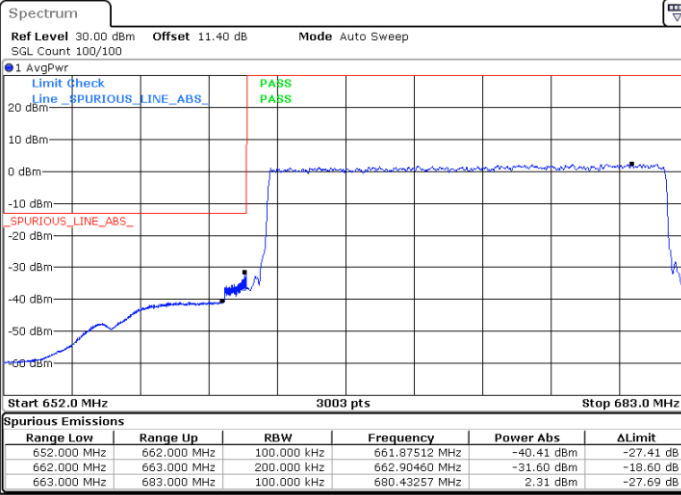


Date: 22.DEC.2023 01:05:38



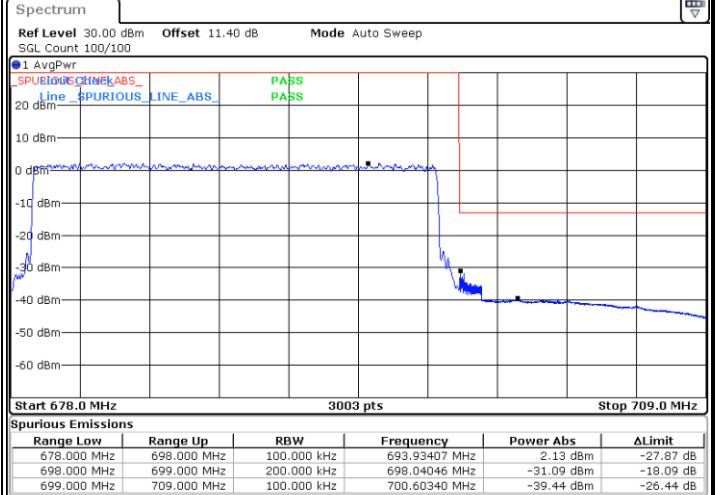
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:10:04

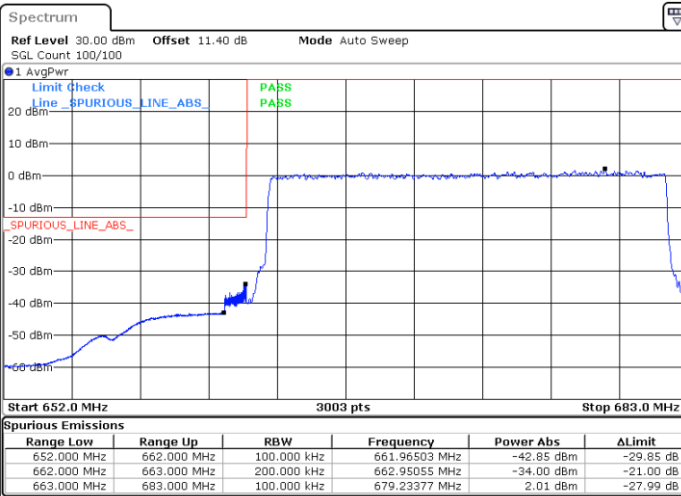
Highest Band Edge / Full RB



Date: 22.DEC.2023 00:14:11

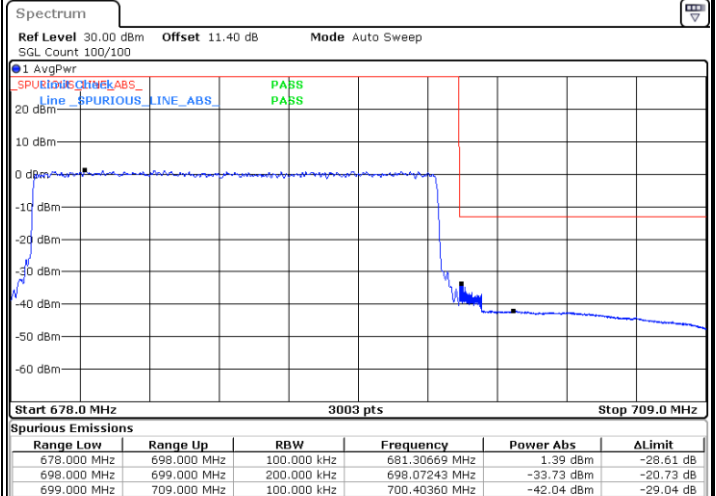
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:10:56

Highest Band Edge / Full RB

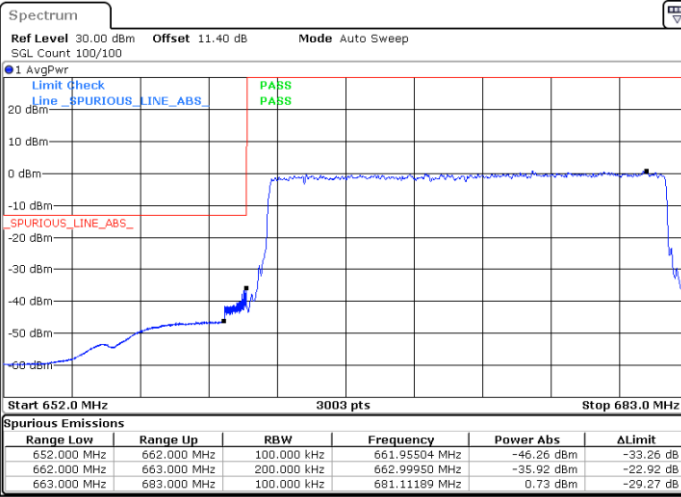


Date: 22.DEC.2023 00:13:19



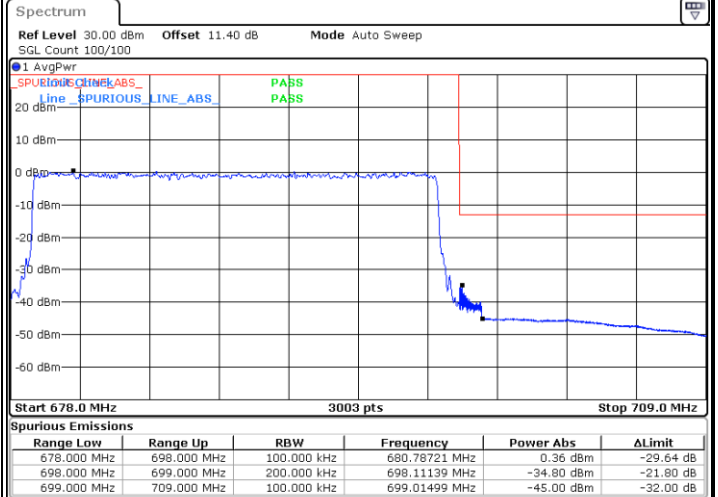
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 00:15:04

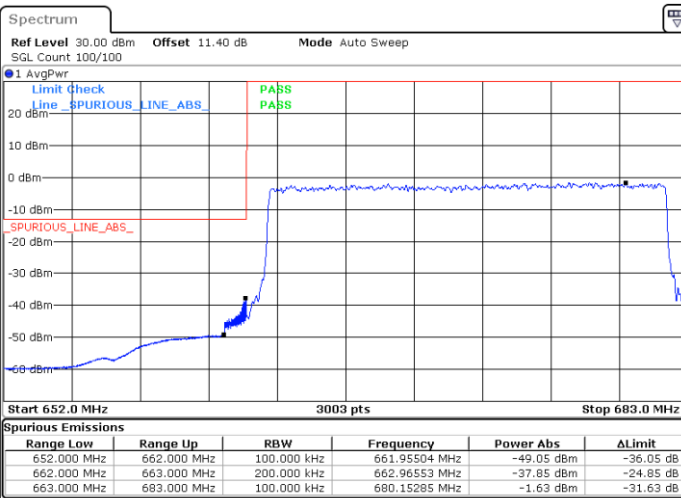
Highest Band Edge / Full RB



Date: 22.DEC.2023 00:16:41

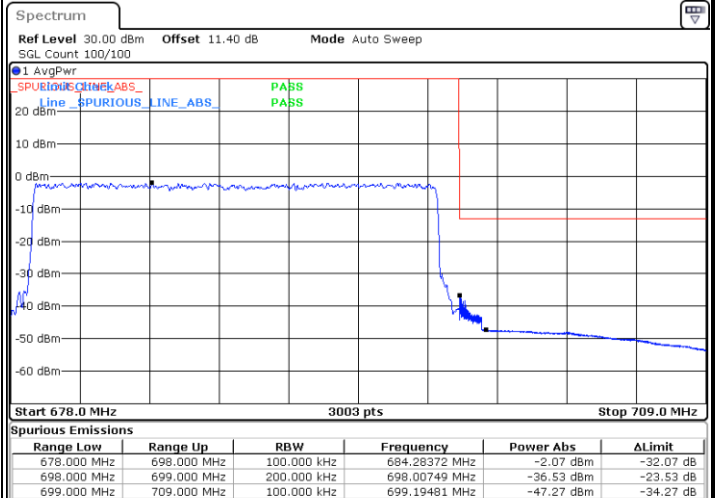
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 22.DEC.2023 01:09:44

Highest Band Edge / Full RB



Date: 22.DEC.2023 01:12:26

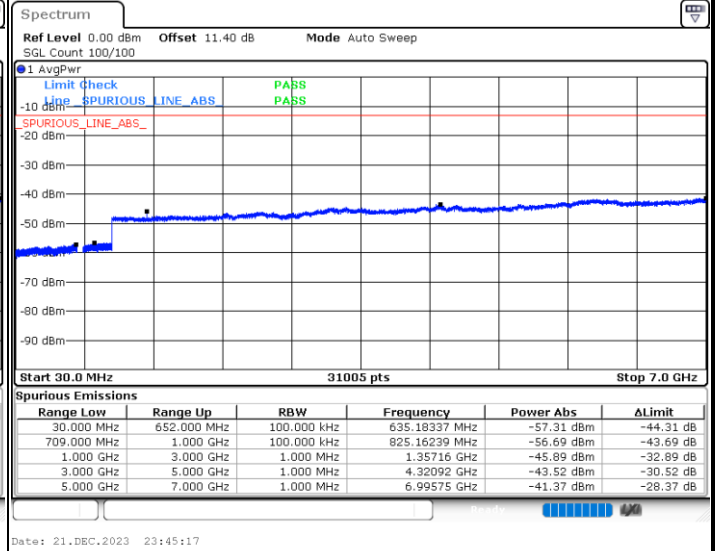
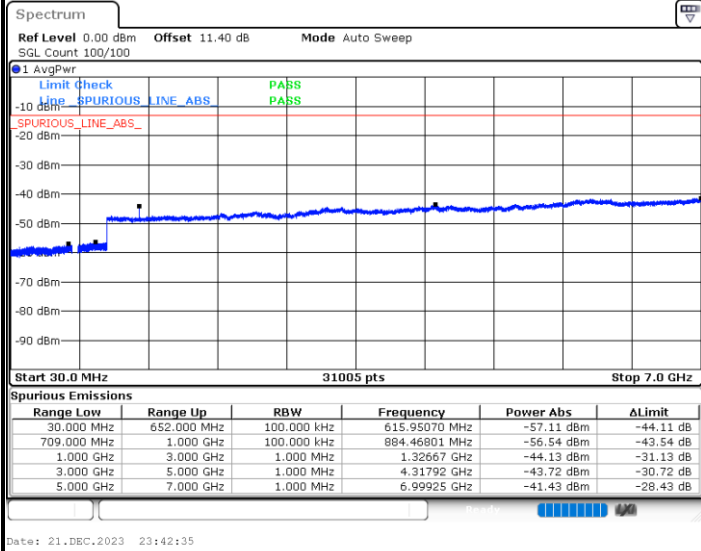


Conducted Spurious Emission

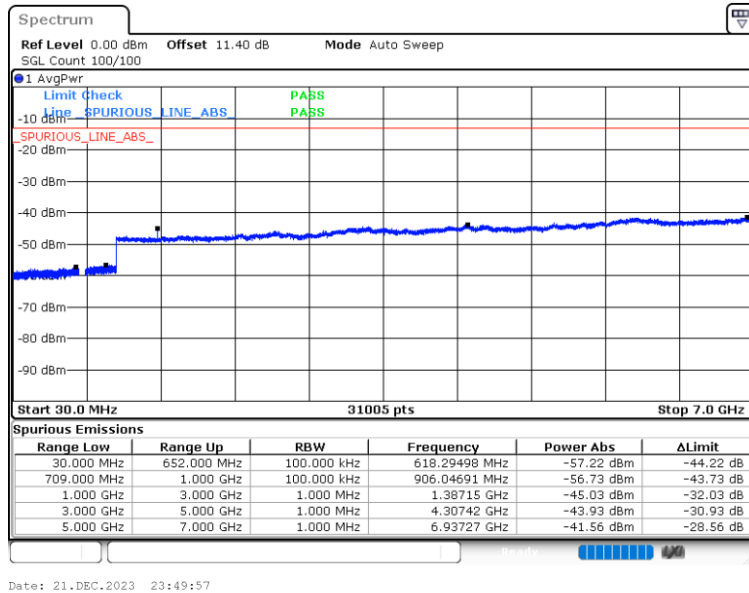
LTE Band 71 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



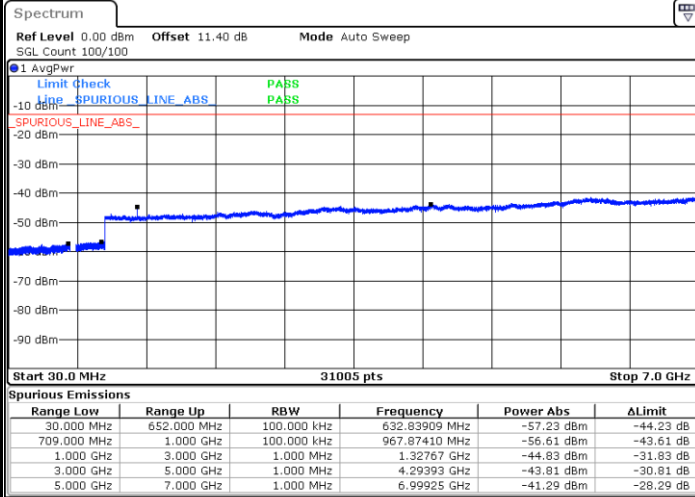
Highest Channel / QPSK





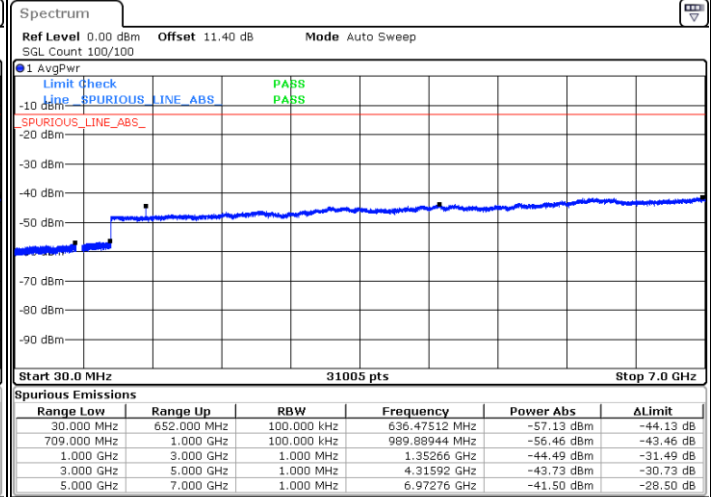
LTE Band 71 / 10MHz

Lowest Channel / QPSK



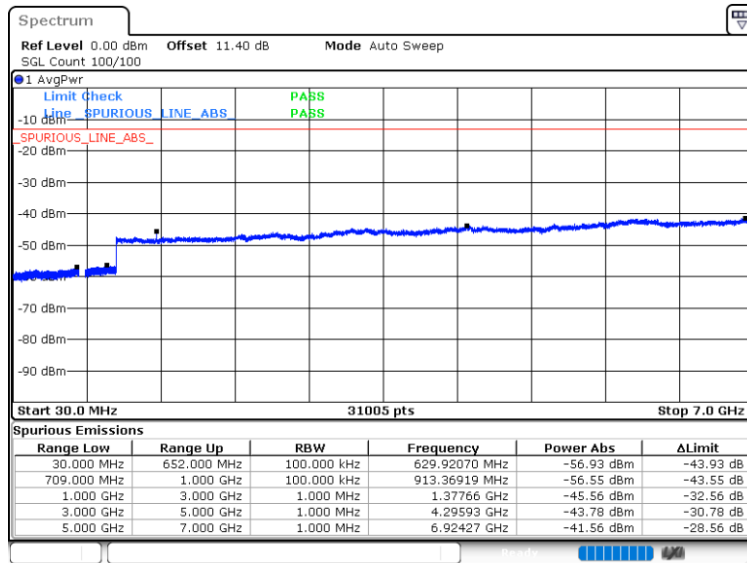
Date: 22.DEC.2023 00:19:05

Middle Channel / QPSK



Date: 22.DEC.2023 00:20:15

Highest Channel / QPSK

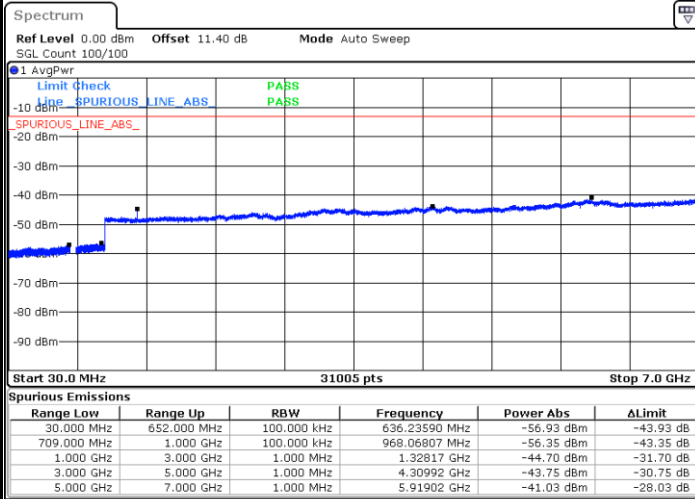


Date: 22.DEC.2023 00:21:26



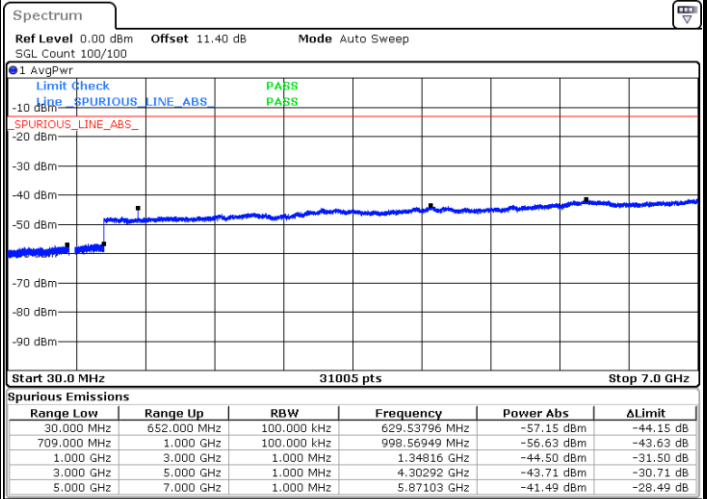
LTE Band 71 / 15MHz

Lowest Channel / QPSK



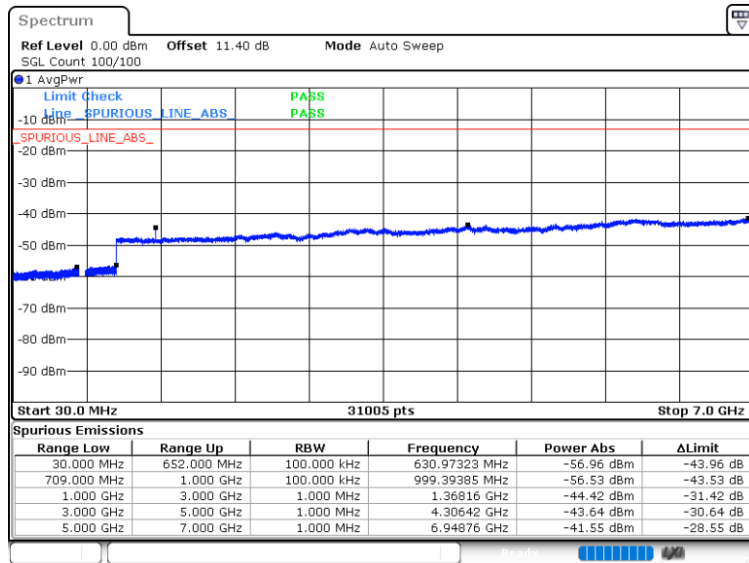
Date: 22.DEC.2023 00:22:38

Middle Channel / QPSK



Date: 22.DEC.2023 00:23:49

Highest Channel / QPSK

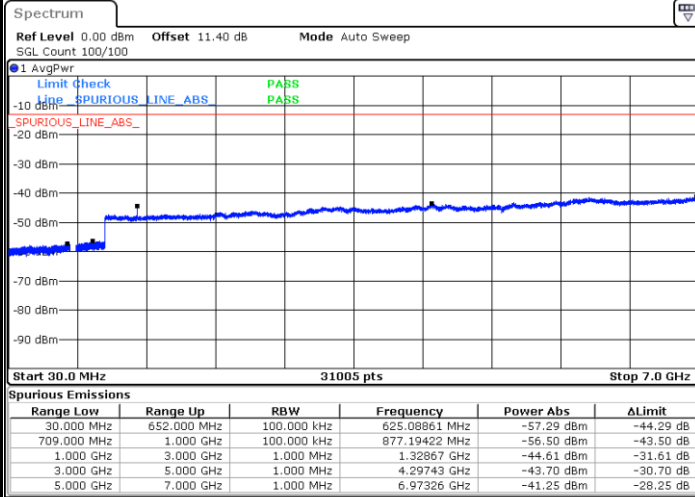


Date: 22.DEC.2023 00:25:00



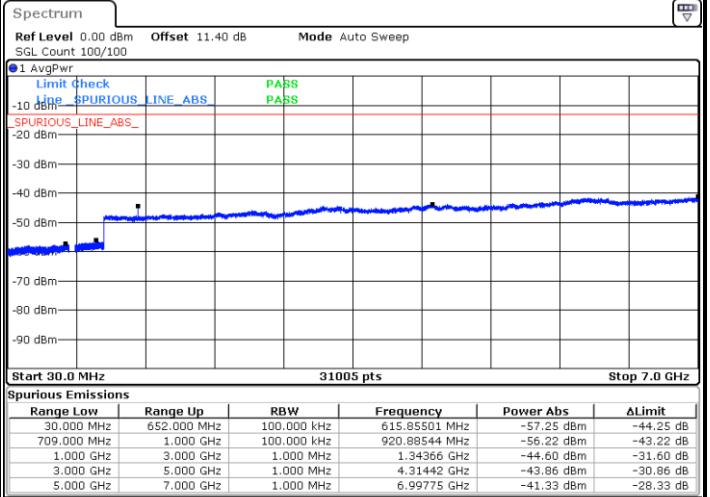
LTE Band 71 / 20MHz

Lowest Channel / QPSK



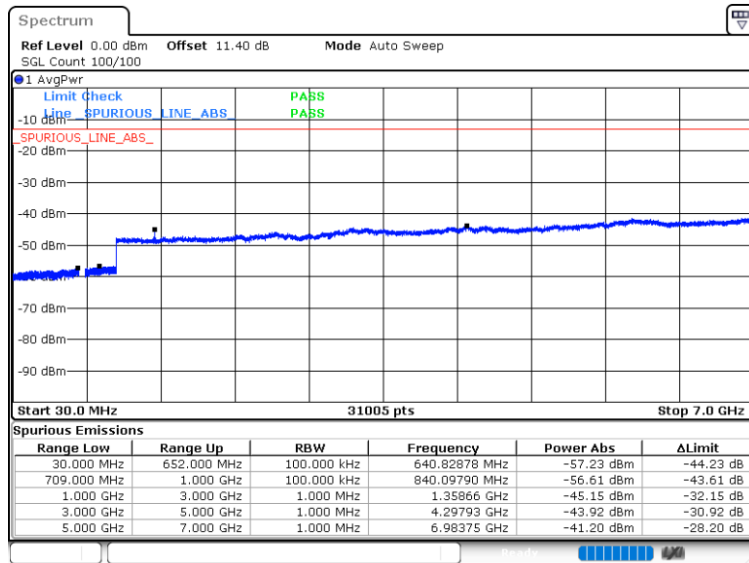
Date: 22.DEC.2023 00:26:13

Middle Channel / QPSK



Date: 22.DEC.2023 00:27:24

Highest Channel / QPSK



Date: 22.DEC.2023 00:28:35



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0096	PASS
40	Normal Voltage	0.0094	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0096	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0137	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 2C

26dB Bandwidth

Mode	LTE Band 2C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	25.02	25.32	29.85	25.47	30.80
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	25.32	30.32	34.96	39.88

Mode	LTE Band 2C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.97	25.32	29.85	25.42	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	25.27	29.96	35.03	39.96

Mode	LTE Band 2C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.22	29.91	25.52	30.50
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.82	25.17	30.08	34.96	39.79

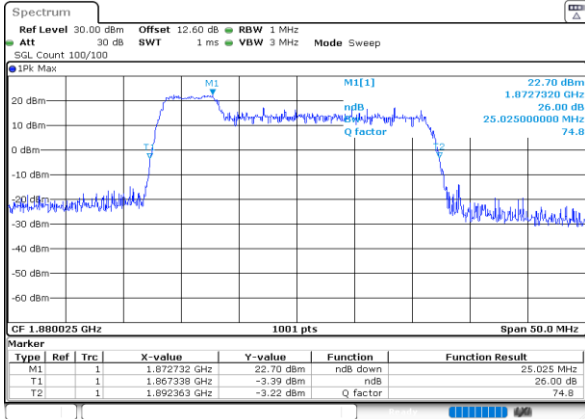
Mode	LTE Band 2C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.22	29.85	25.32	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	25.22	30.14	34.89	40.03



LTE Band 2C

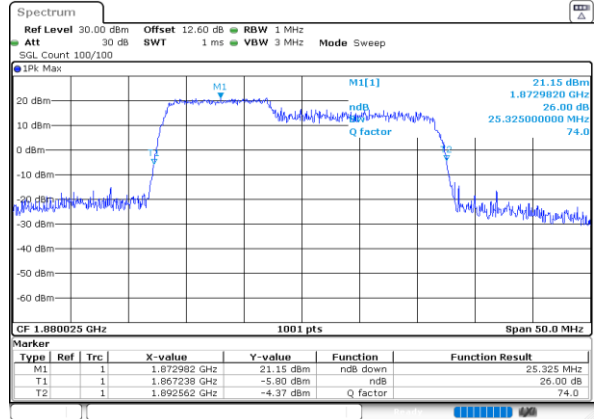
QPSK

Middle Channel / 5MHz+20MHz



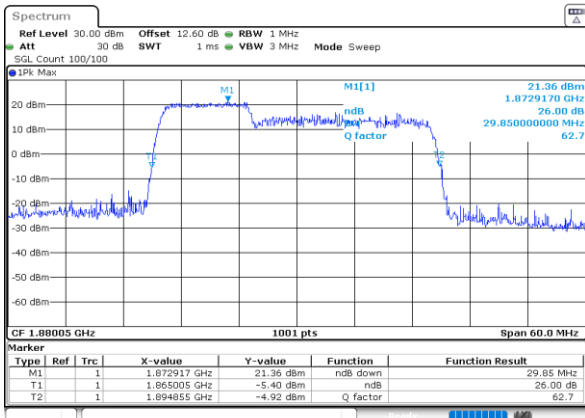
Date: 29. DEC. 2023 00:39:31

Middle Channel / 10MHz+15MHz



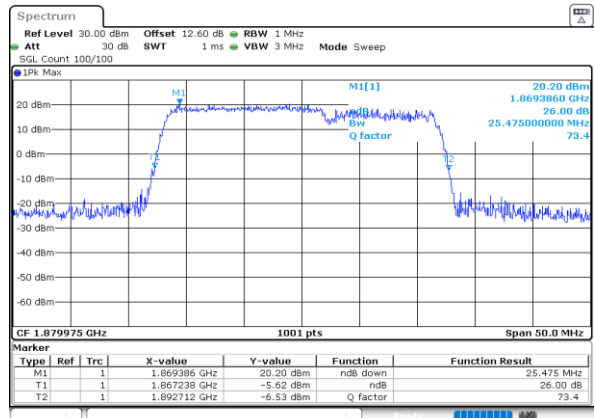
Date: 29. DEC. 2023 00:46:59

Middle Channel / 10MHz+20MHz



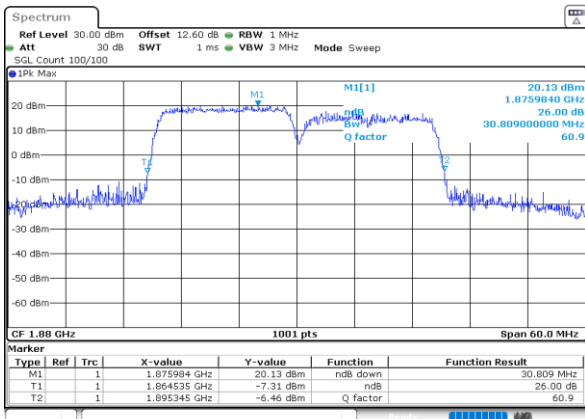
Date: 29. DEC. 2023 00:53:50

Middle Channel / 15MHz+10MHz



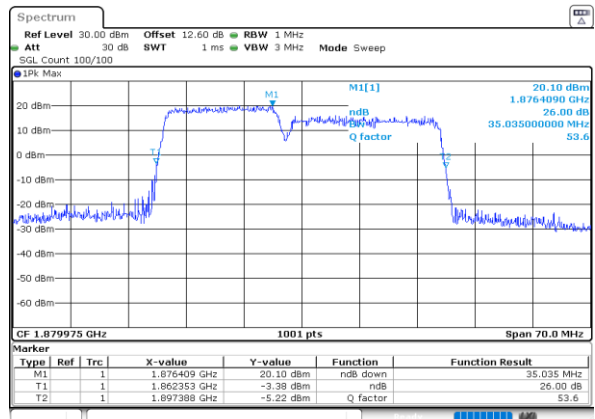
Date: 29. DEC. 2023 00:50:22

Middle Channel / 15MHz+15MHz



Date: 29. DEC. 2023 01:01:20

Middle Channel / 15MHz+20MHz

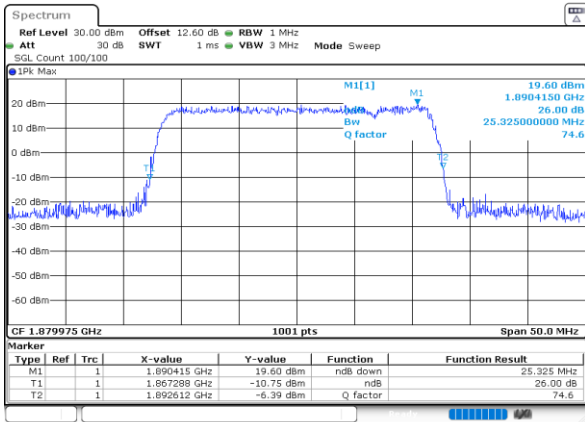


Date: 29. DEC. 2023 01:04:43



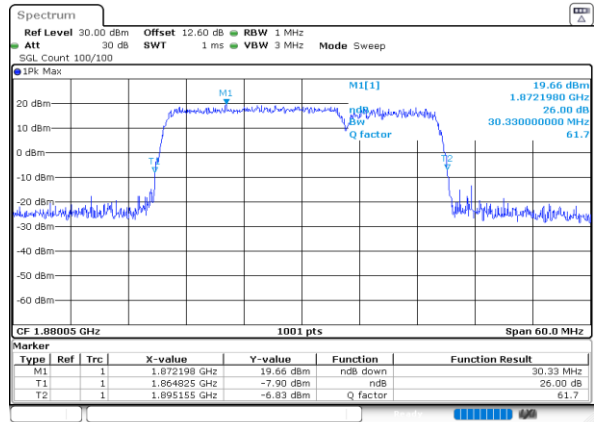
LTE Band 2C

Middle Channel / 20MHz+5MHz



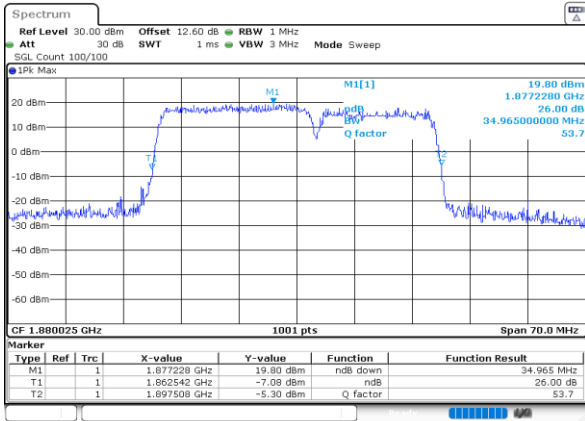
Date: 29_DEC.2023 00:43:01

Middle Channel / 20MHz+10MHz



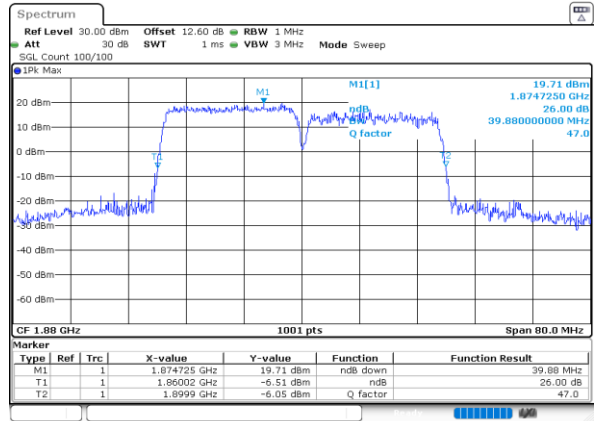
Date: 29_DEC.2023 00:57:56

Middle Channel / 20MHz+15MHz



Date: 29_DEC.2023 01:08:22

Middle Channel / 20MHz+20MHz

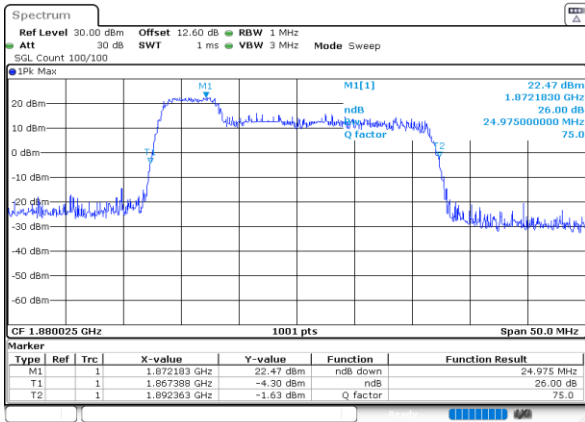


Date: 29_DEC.2023 01:11:45



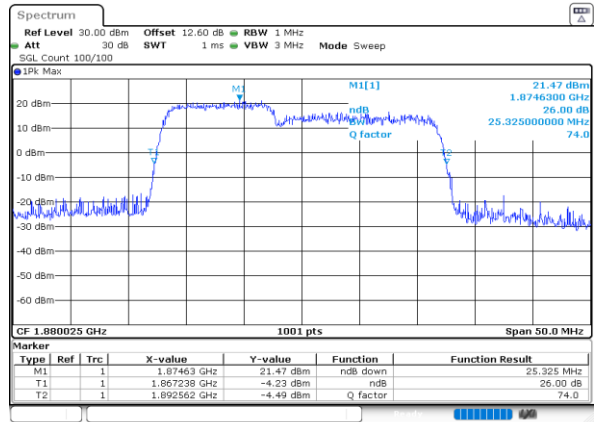
LTE Band 2C

Middle Channel / 5MHz+20MHz



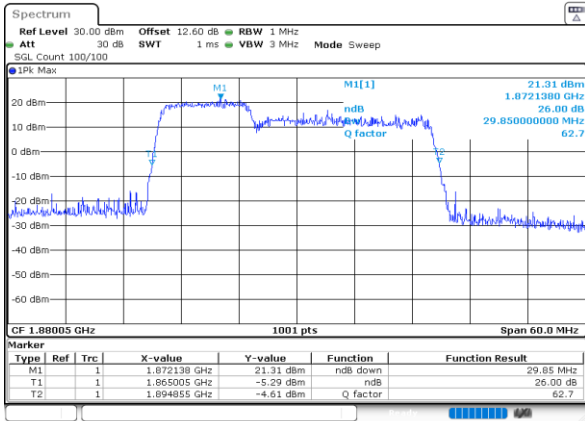
Date: 29_DEC.2023 00:40:21

Middle Channel / 10MHz+15MHz



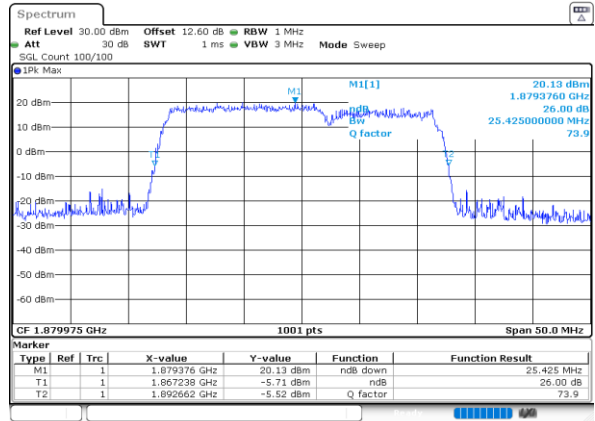
Date: 29_DEC.2023 00:47:48

Middle Channel / 10MHz+20MHz



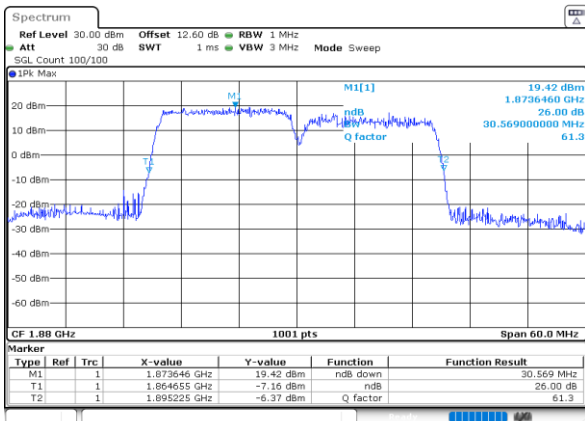
Date: 29_DEC.2023 00:54:40

Middle Channel / 15MHz+10MHz



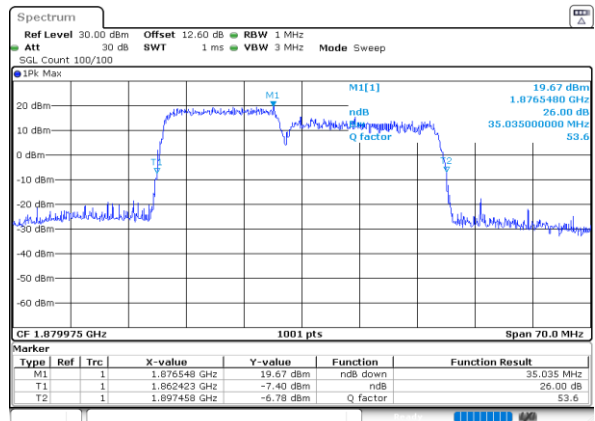
Date: 29_DEC.2023 00:51:12

Middle Channel / 15MHz+15MHz



Date: 29_DEC.2023 01:02:09

Middle Channel / 15MHz+20MHz



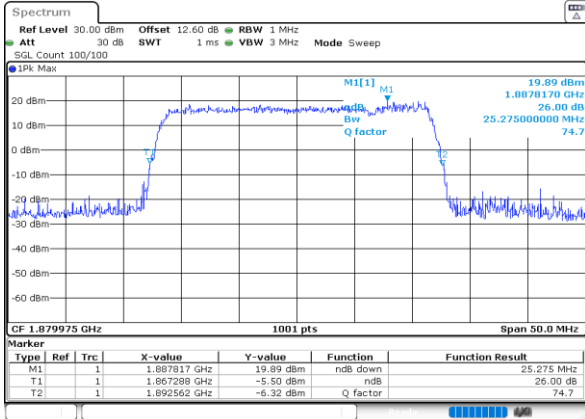
Date: 29_DEC.2023 01:05:32



LTE Band 2C

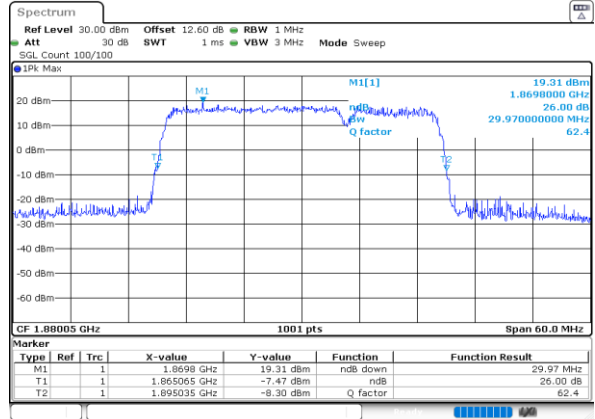
16QAM

Middle Channel / 20MHz+5MHz



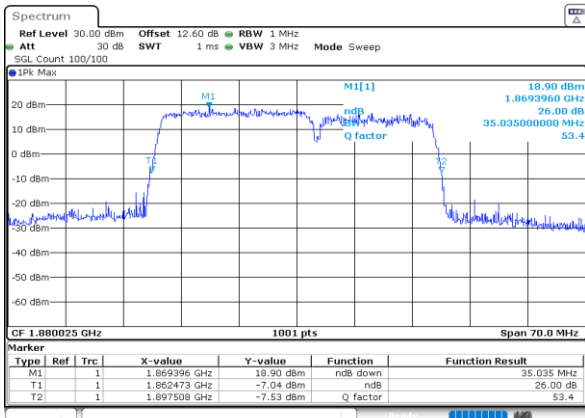
Date: 29.Dec.2023 00:43:50

Middle Channel / 20MHz+10MHz



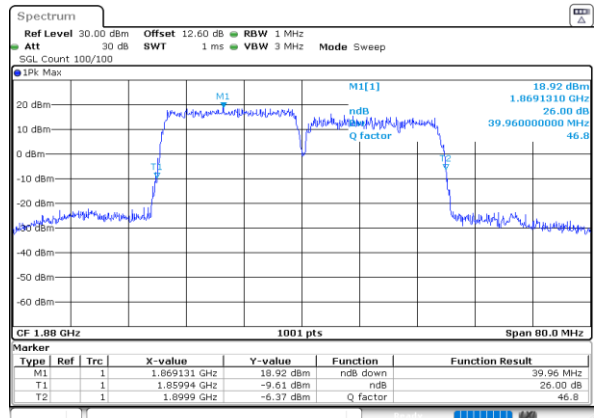
Date: 29.Dec.2023 00:58:45

Middle Channel / 20MHz+15MHz



Date: 29.Dec.2023 01:09:12

Middle Channel / 20MHz+20MHz



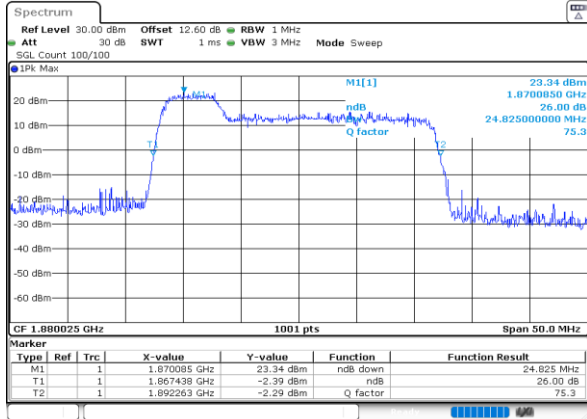
Date: 29.Dec.2023 01:12:35



LTE Band 2C

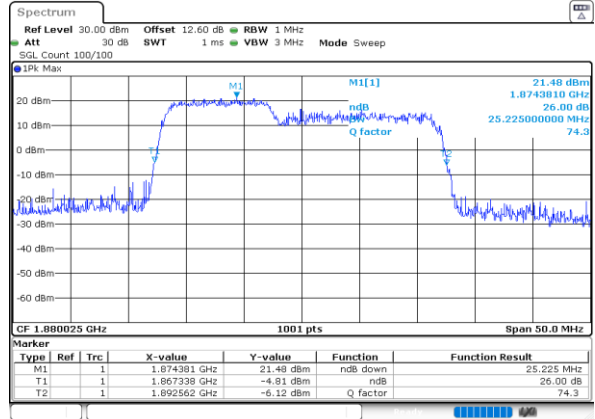
64QAM

Middle Channel / 5MHz+20MHz



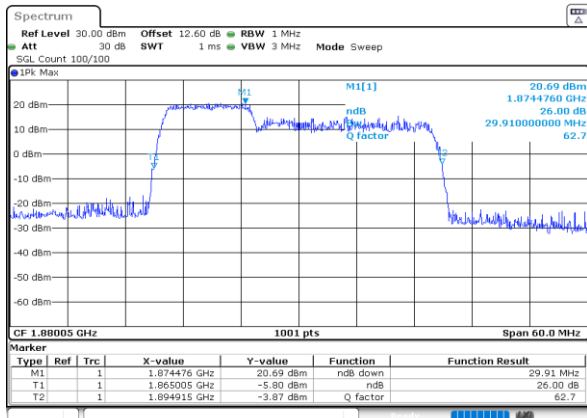
Date: 29_DEC.2023 00:41:10

Middle Channel / 10MHz+15MHz



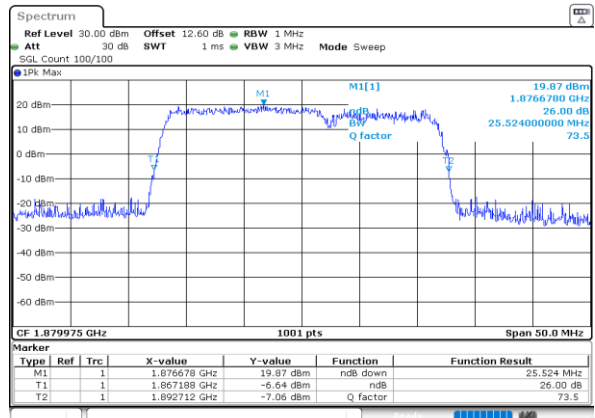
Date: 29_DEC.2023 00:48:38

Middle Channel / 10MHz+20MHz



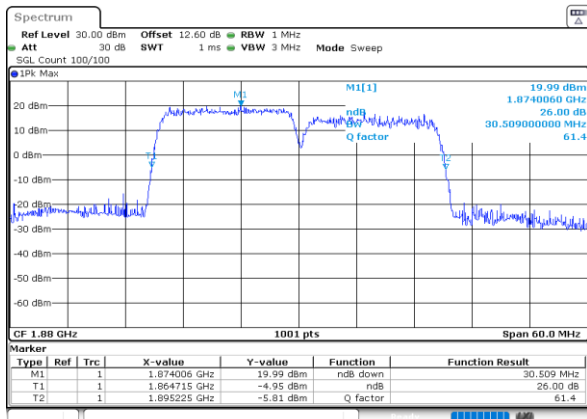
Date: 29_DEC.2023 00:55:37

Middle Channel / 15MHz+10MHz



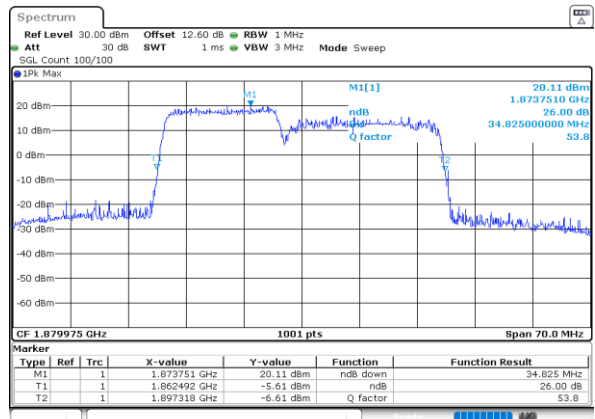
Date: 29_DEC.2023 00:52:01

Middle Channel / 15MHz+15MHz



Date: 29_DEC.2023 01:02:59

Middle Channel / 15MHz+20MHz



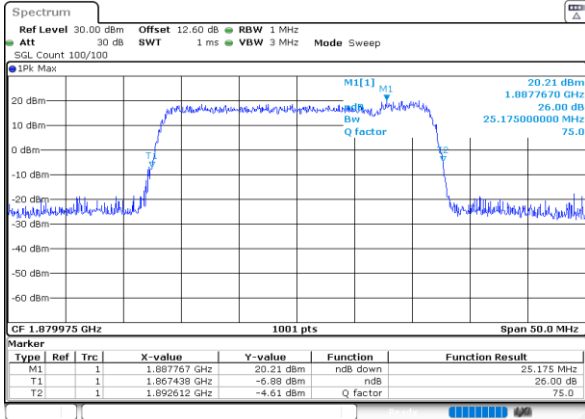
Date: 29_DEC.2023 01:06:22



LTE Band 2C

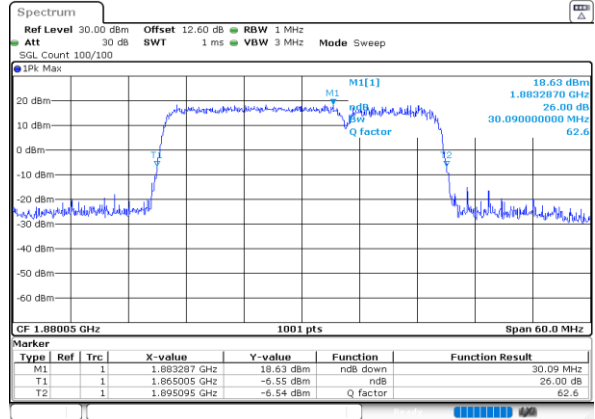
64QAM

Middle Channel / 20MHz+5MHz



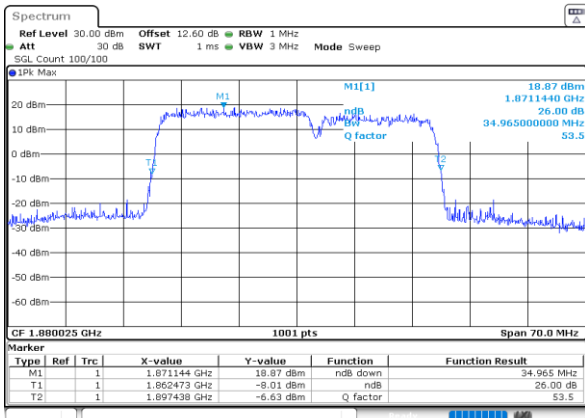
Date: 29_DEC.2023 00:44:40

Middle Channel / 20MHz+10MHz



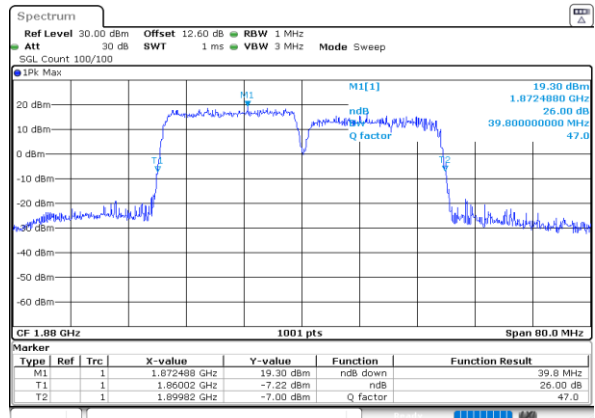
Date: 29_DEC.2023 00:59:35

Middle Channel / 20MHz+15MHz



Date: 29_DEC.2023 01:10:01

Middle Channel / 20MHz+20MHz



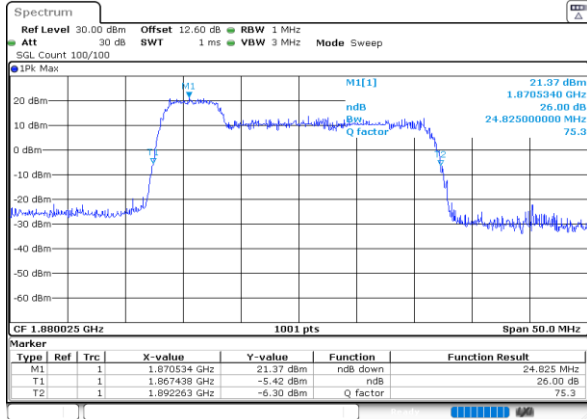
Date: 29_DEC.2023 01:13:24



LTE Band 2C

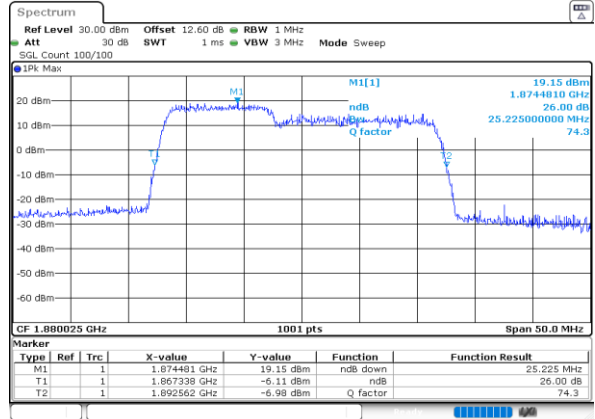
256QAM

Middle Channel / 5MHz+20MHz



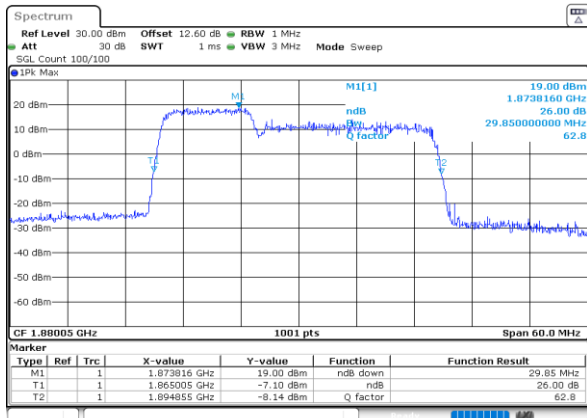
Date: 29. DEC. 2023 00:42:00

Middle Channel / 10MHz+15MHz



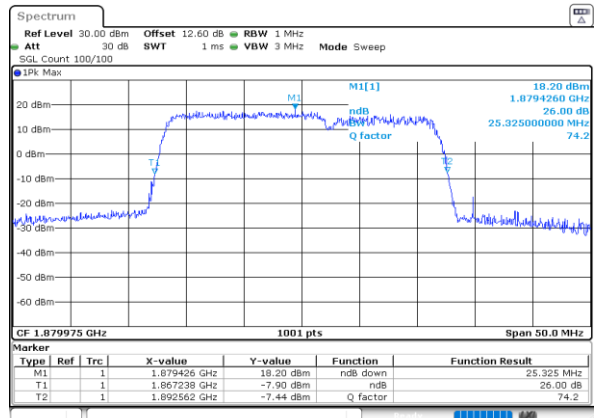
Date: 29. DEC. 2023 00:49:27

Middle Channel / 10MHz+20MHz



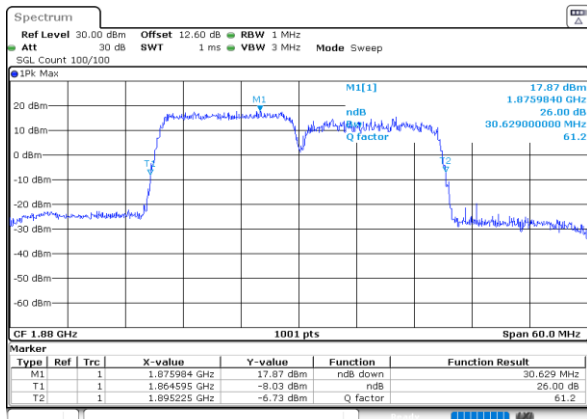
Date: 29. DEC. 2023 00:56:26

Middle Channel / 15MHz+10MHz



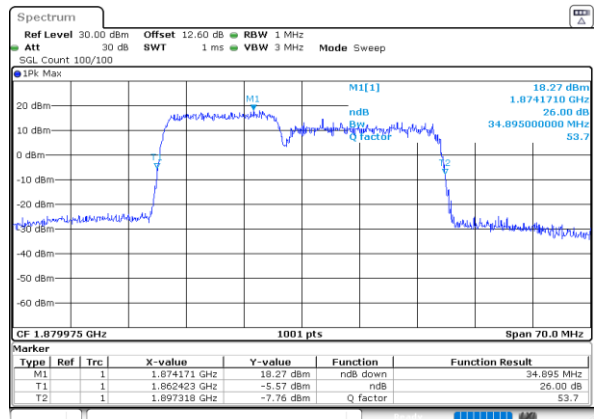
Date: 29. DEC. 2023 00:52:51

Middle Channel / 15MHz+15MHz



Date: 29. DEC. 2023 01:03:48

Middle Channel / 15MHz+20MHz



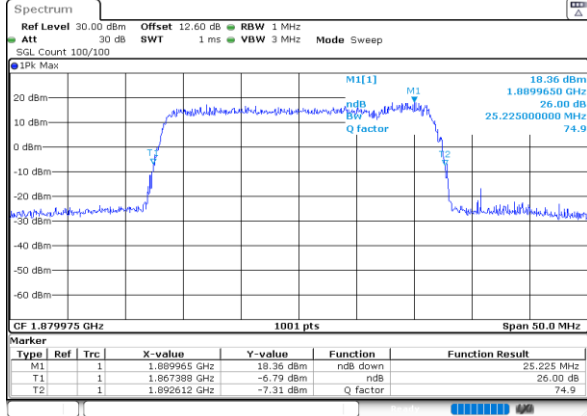
Date: 29. DEC. 2023 01:07:11



LTE Band 2C

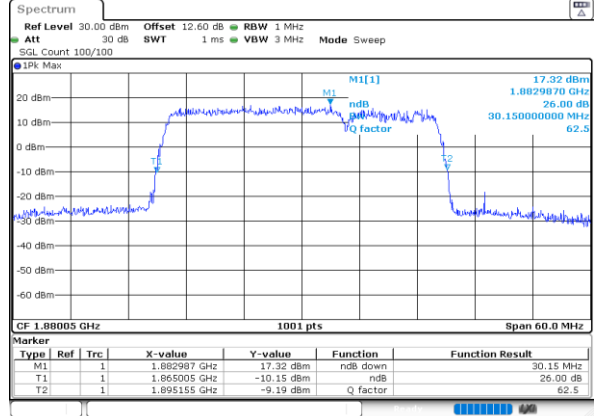
256QAM

Middle Channel / 20MHz+5MHz



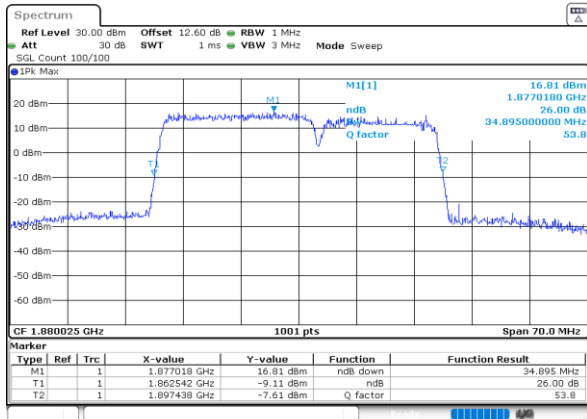
Date: 29. DEC. 2023 00:45:29

Middle Channel / 20MHz+10MHz



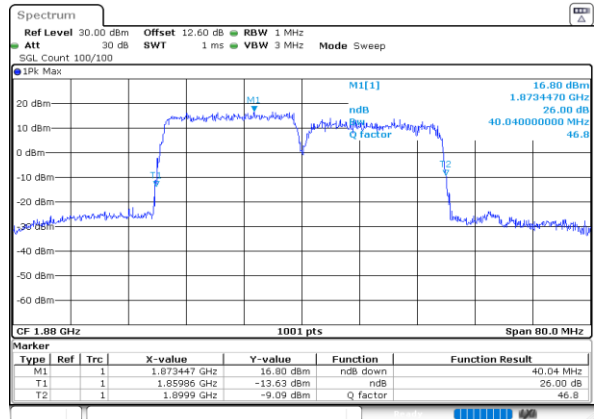
Date: 29. DEC. 2023 01:00:24

Middle Channel / 20MHz+15MHz



Date: 29. DEC. 2023 01:10:51

Middle Channel / 20MHz+20MHz



Date: 29. DEC. 2023 01:14:14



Occupied Bandwidth

Mode	LTE Band 2C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.27	23.42	27.87	23.52	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.72	23.17	27.87	32.79	37.56

Mode	LTE Band 2C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.22	23.32	27.99	23.42	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.65	23.22	28.05	32.86	37.56

Mode	LTE Band 2C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.12	23.32	27.87	23.32	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.65	23.22	27.99	32.86	37.72

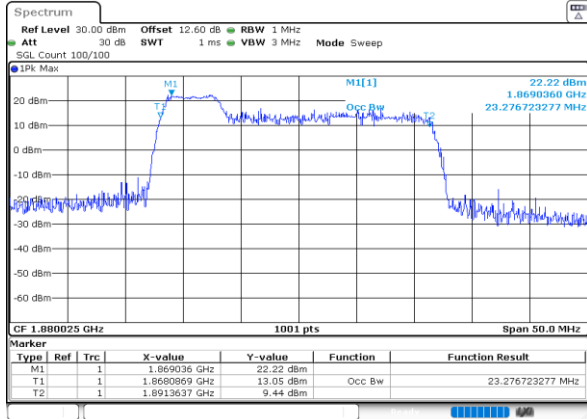
Mode	LTE Band 2C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.12	23.32	27.93	23.32	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.79	23.22	27.99	32.79	37.72



LTE Band 2C

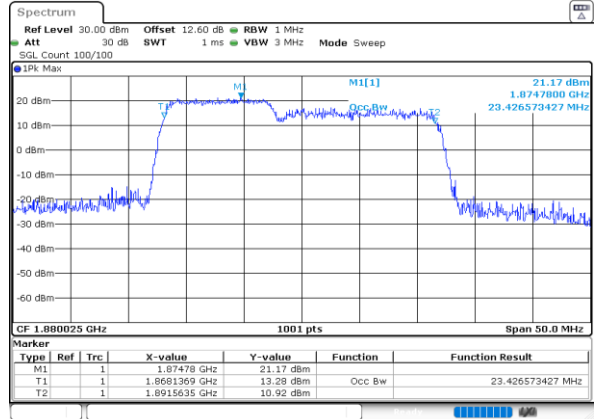
QPSK

Middle Channel / 5MHz+20MHz



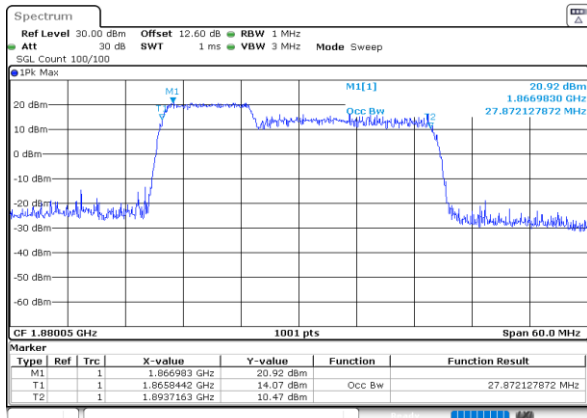
Date: 29. DEC. 2023 00:39:07

Middle Channel / 10MHz+15MHz



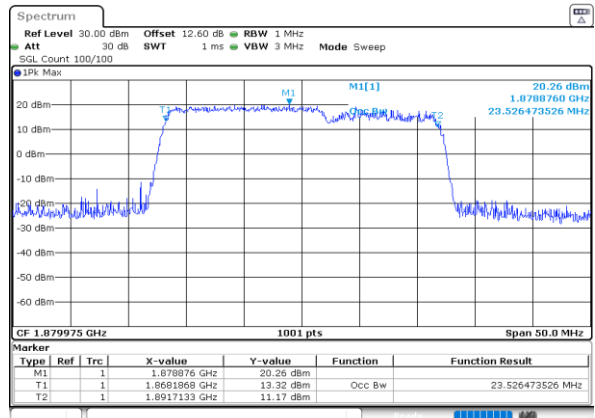
Date: 29. DEC. 2023 00:46:35

Middle Channel / 10MHz+20MHz



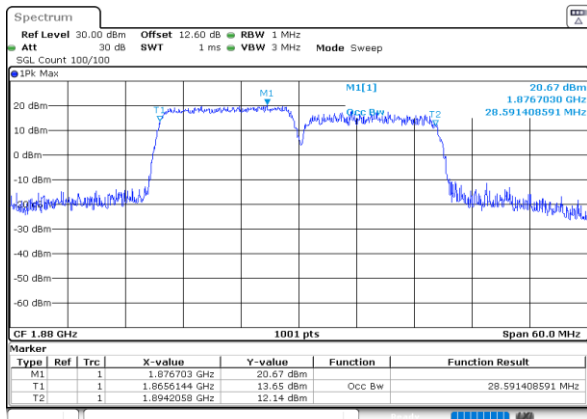
Date: 29. DEC. 2023 00:53:34

Middle Channel / 15MHz+10MHz



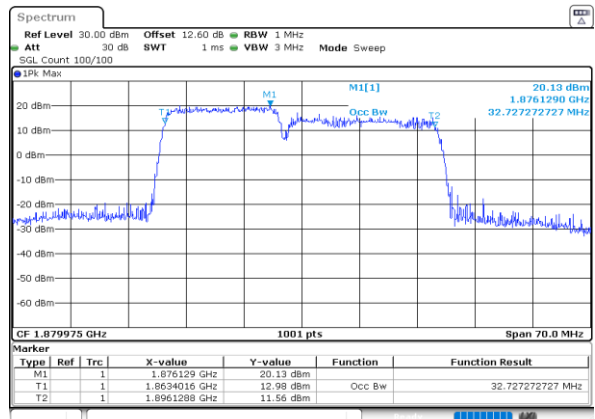
Date: 29. DEC. 2023 00:49:58

Middle Channel / 15MHz+15MHz



Date: 29. DEC. 2023 01:00:55

Middle Channel / 15MHz+20MHz



Date: 29. DEC. 2023 01:04:19