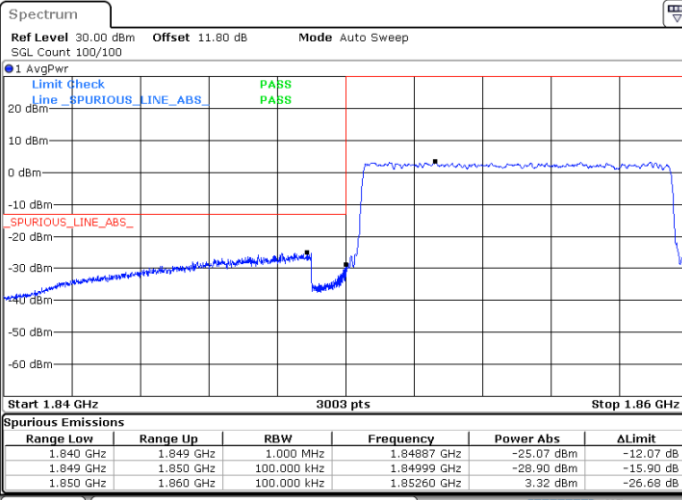




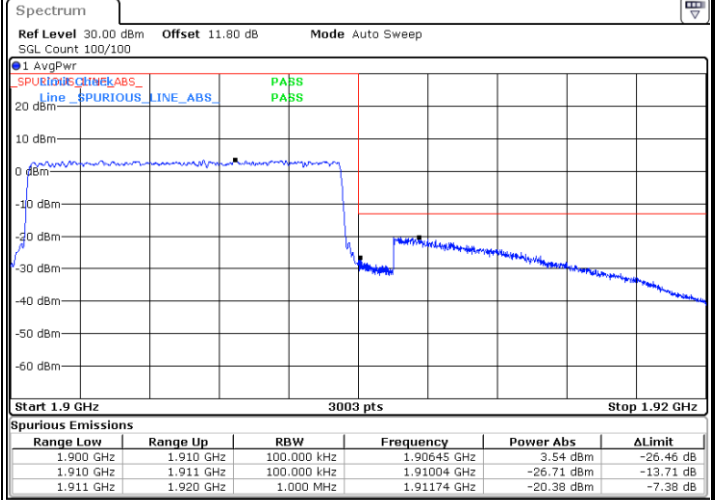
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 11:19:45

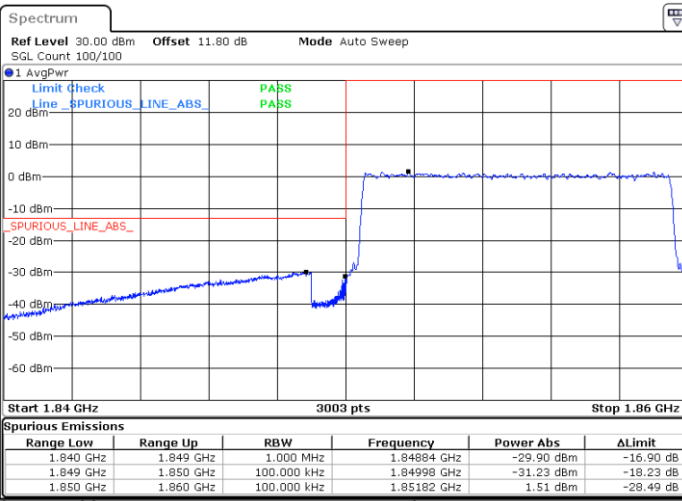
Highest Band Edge / Full RB



Date: 26.DEC.2023 11:33:59

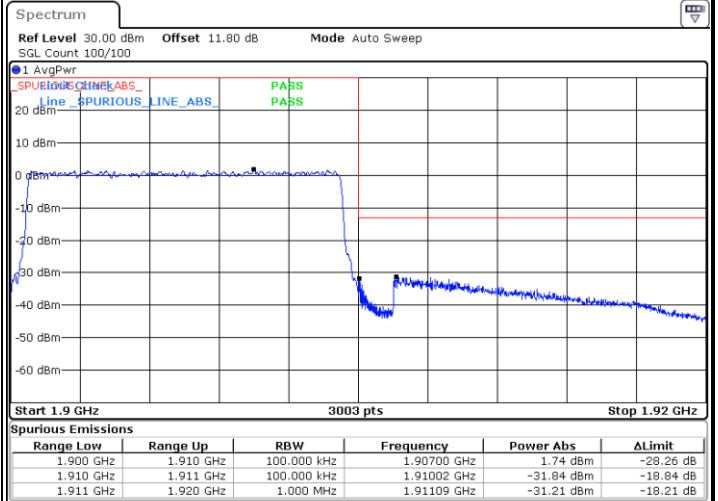
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 11:20:37

Highest Band Edge / Full RB

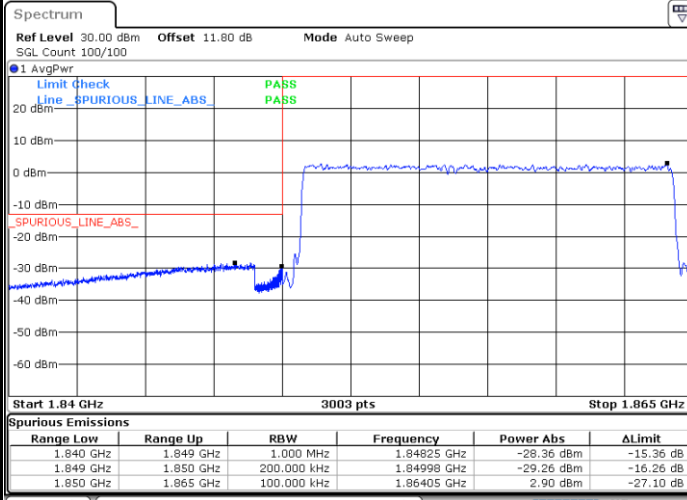


Date: 26.DEC.2023 11:34:51



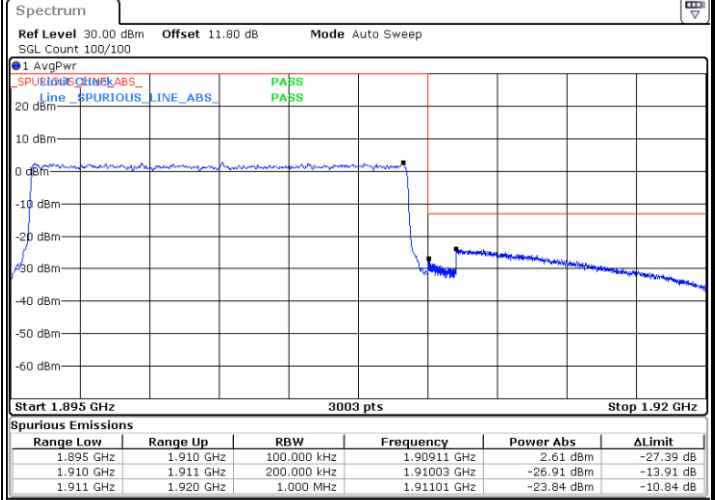
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.DEC.2023 11:46:00

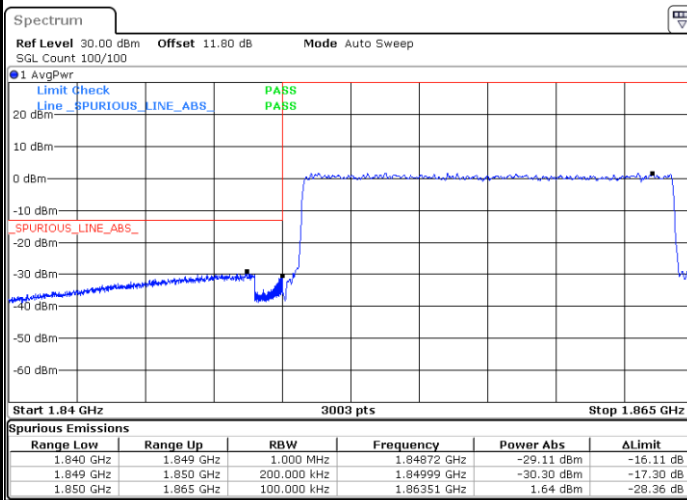
Highest Band Edge / Full RB



Date: 26.DEC.2023 13:37:31

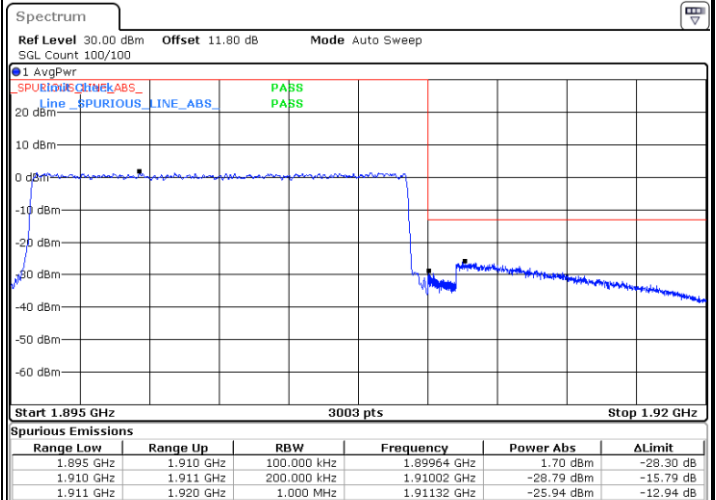
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 11:46:52

Highest Band Edge / Full RB

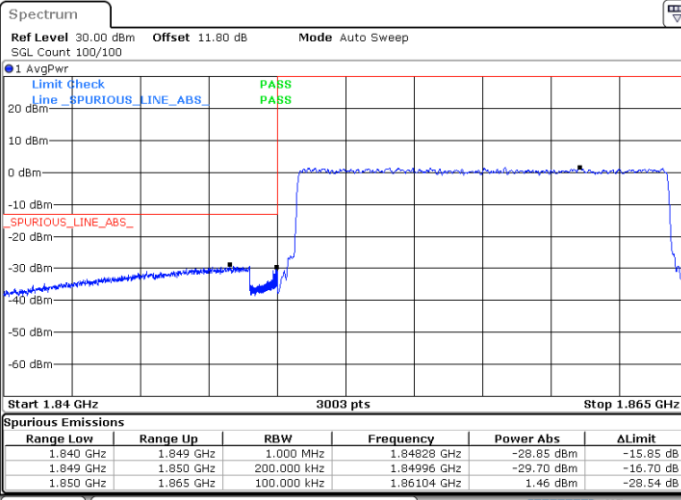


Date: 26.DEC.2023 13:38:23



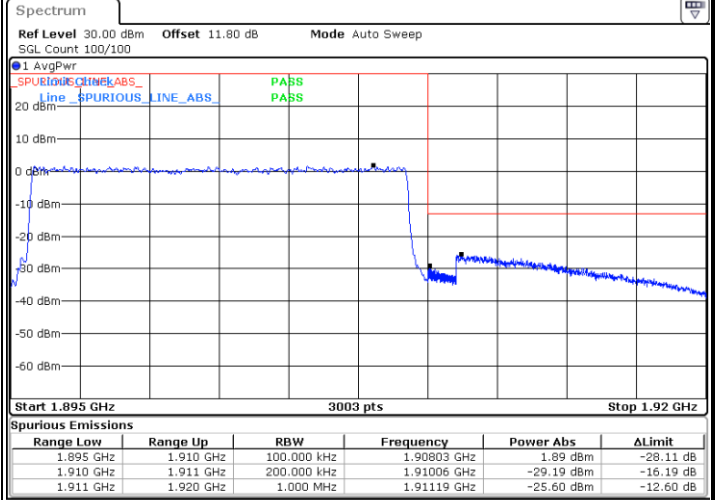
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 11:47:44

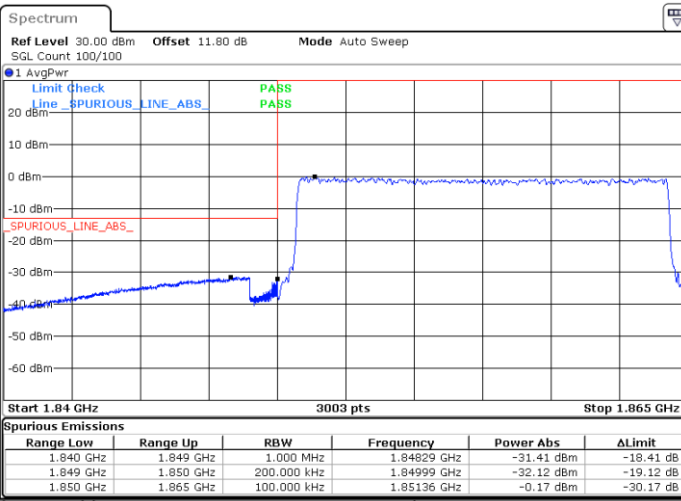
Highest Band Edge / Full RB



Date: 26.DEC.2023 13:39:15

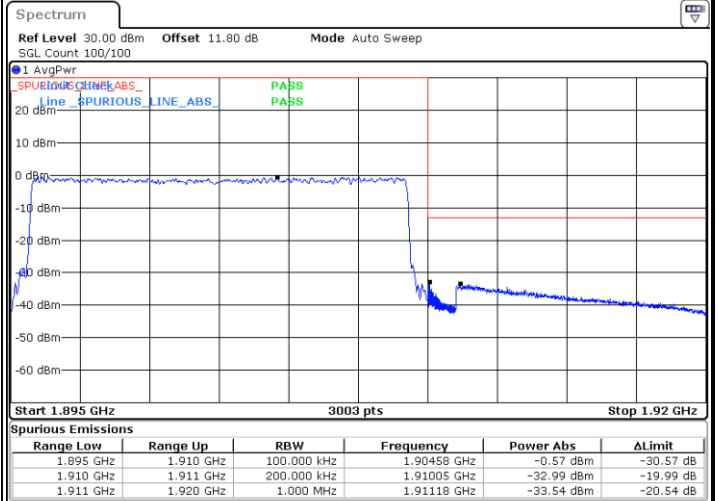
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 11:48:36

Highest Band Edge / Full RB

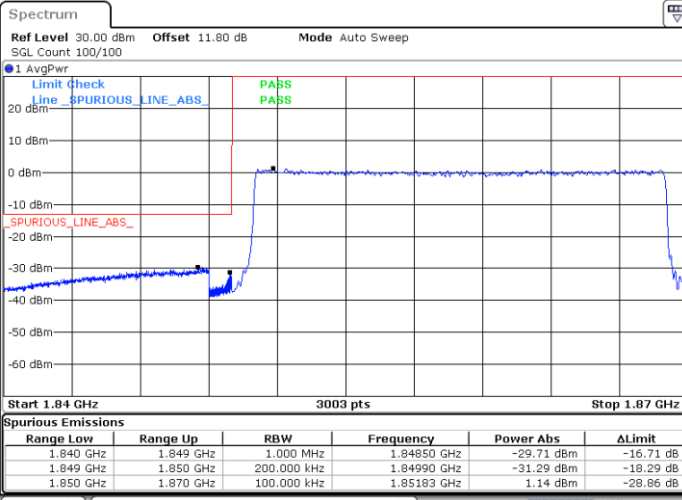


Date: 26.DEC.2023 13:40:07



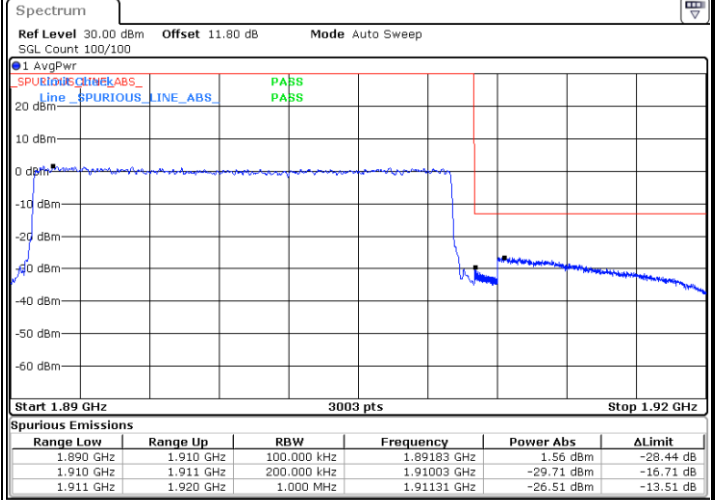
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.DEC.2023 13:46:01

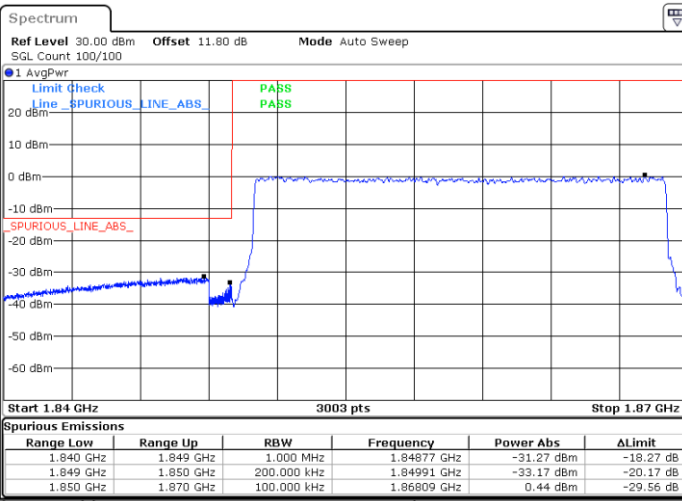
Highest Band Edge / Full RB



Date: 26.DEC.2023 13:59:26

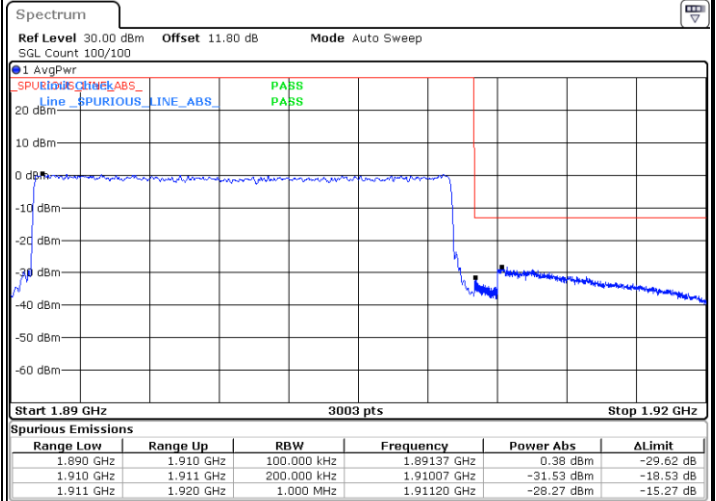
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 13:46:53

Highest Band Edge / Full RB

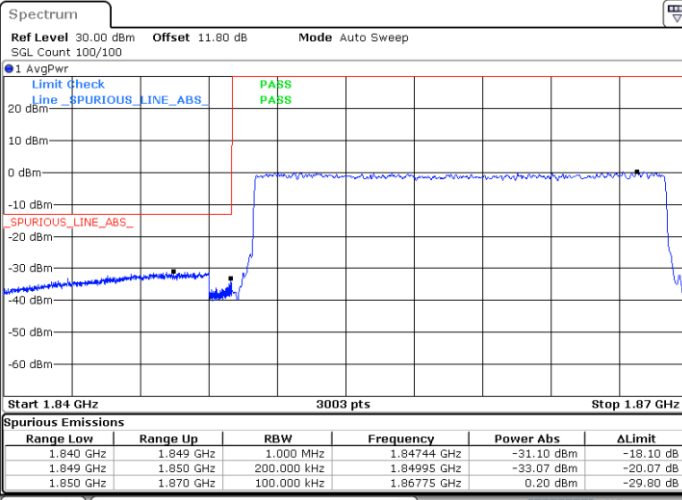


Date: 26.DEC.2023 14:00:17



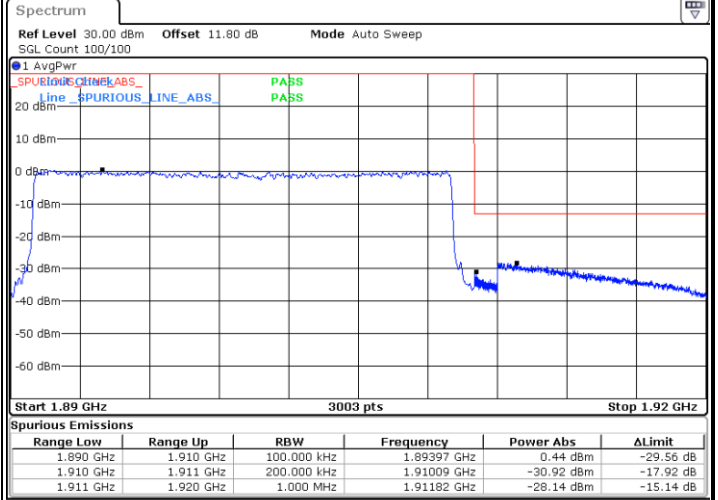
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 13:47:45

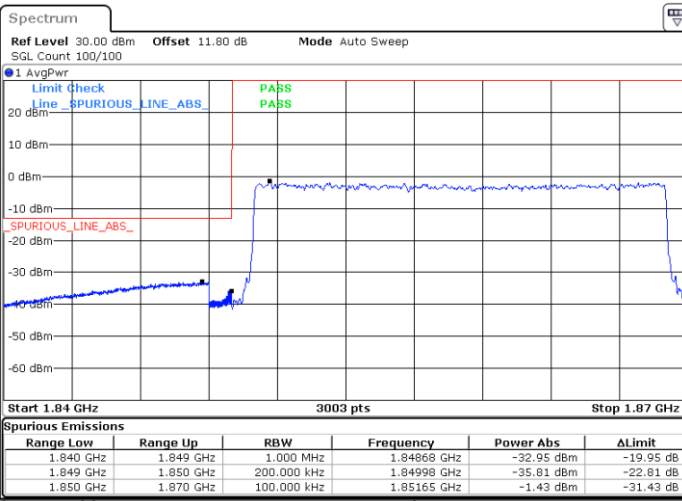
Highest Band Edge / Full RB



Date: 26.DEC.2023 14:01:09

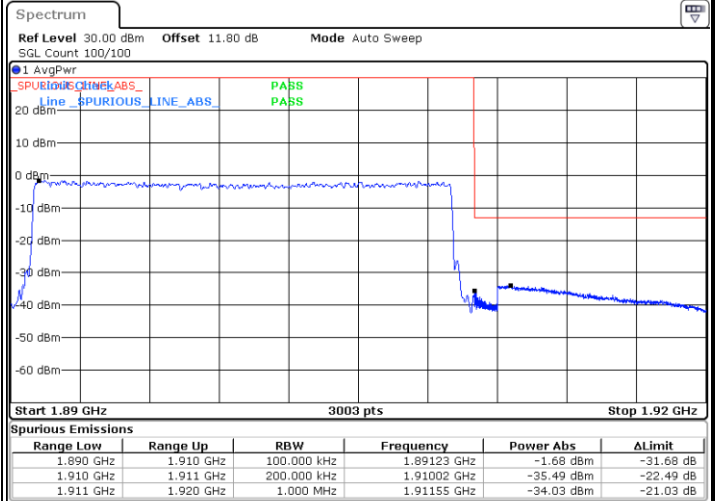
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.DEC.2023 13:48:37

Highest Band Edge / Full RB



Date: 26.DEC.2023 14:02:01

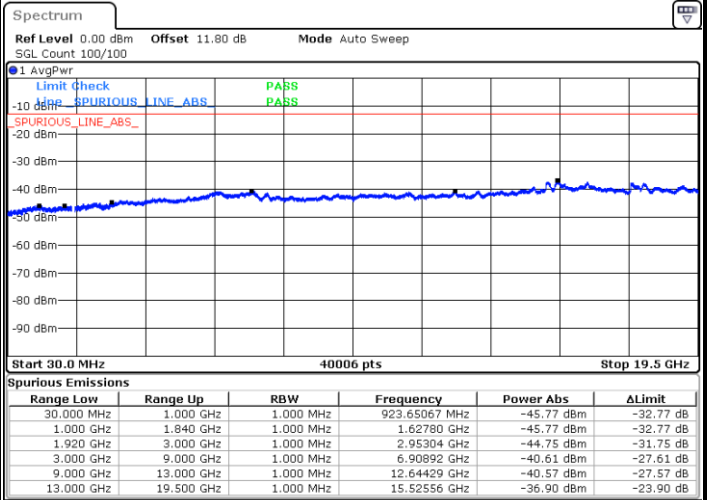
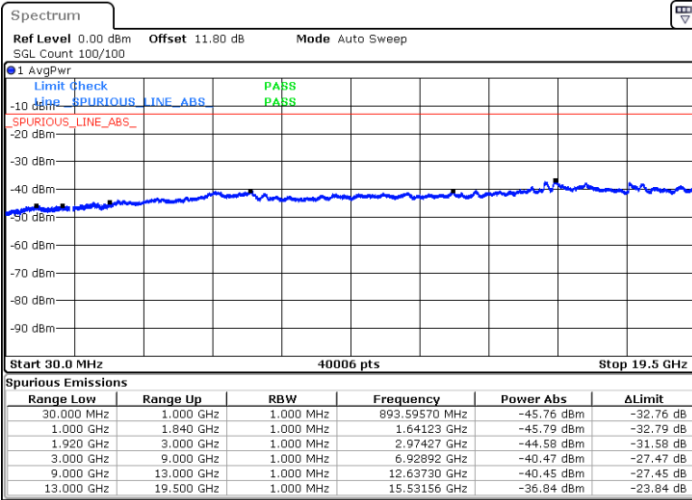


# Conducted Spurious Emission

## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK

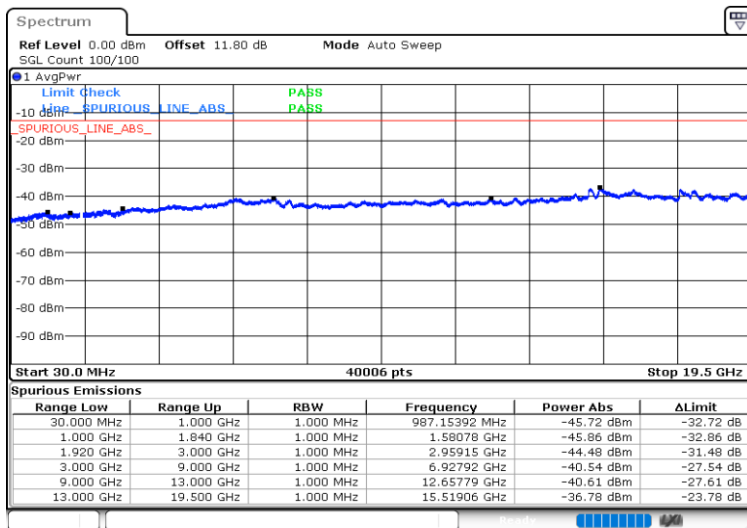
### Middle Channel / QPSK



Date: 25.DEC.2023 17:03:45

Date: 25.DEC.2023 17:17:04

### Highest Channel / QPSK



Date: 25.DEC.2023 17:18:15

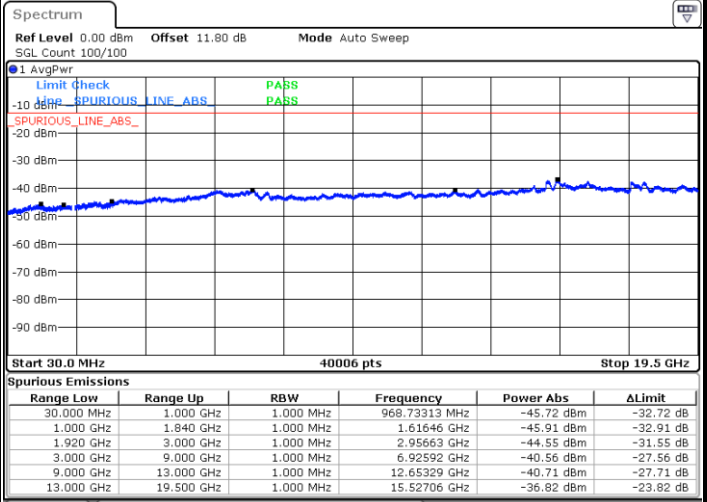
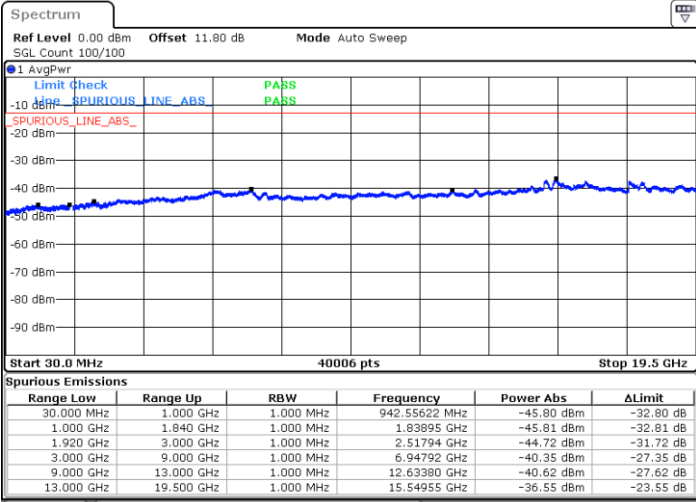




LTE Band 2 / 5MHz

Lowest Channel / QPSK

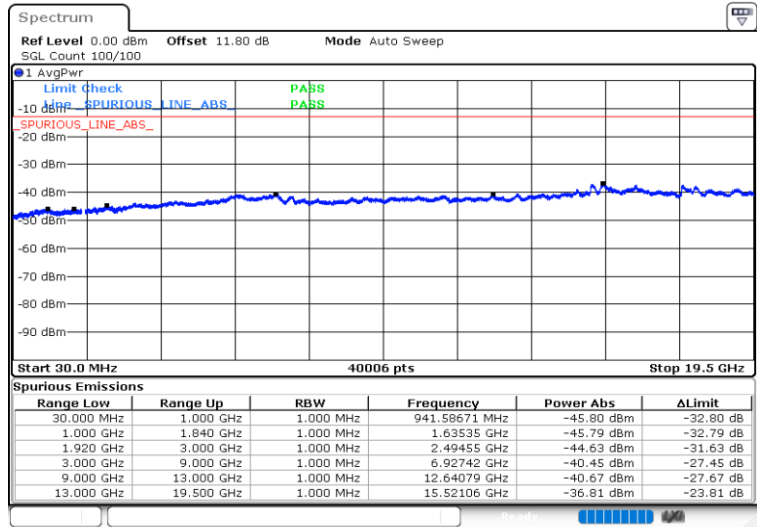
Middle Channel / QPSK



Date: 26.DEC.2023 10:52:33

Date: 26.DEC.2023 11:03:07

Highest Channel / QPSK



Date: 26.DEC.2023 11:04:18

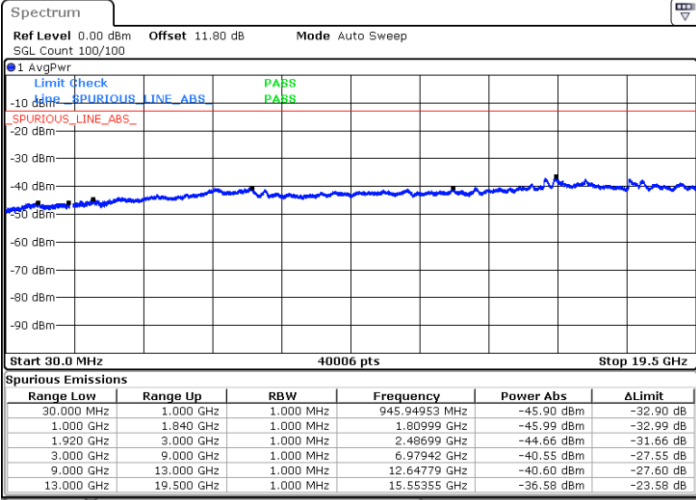




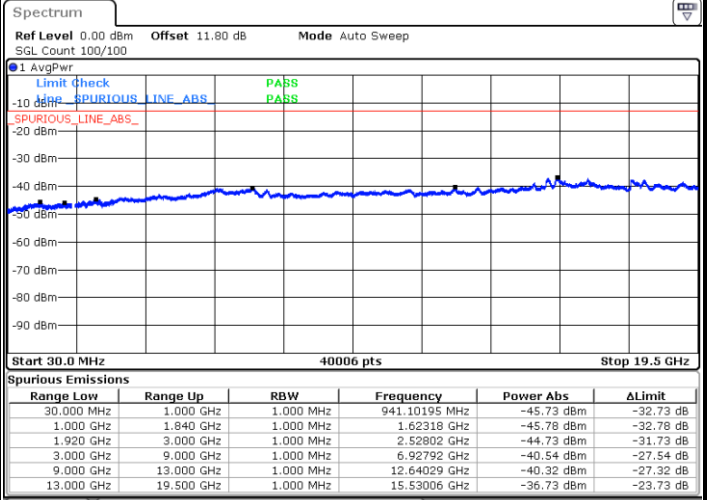
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

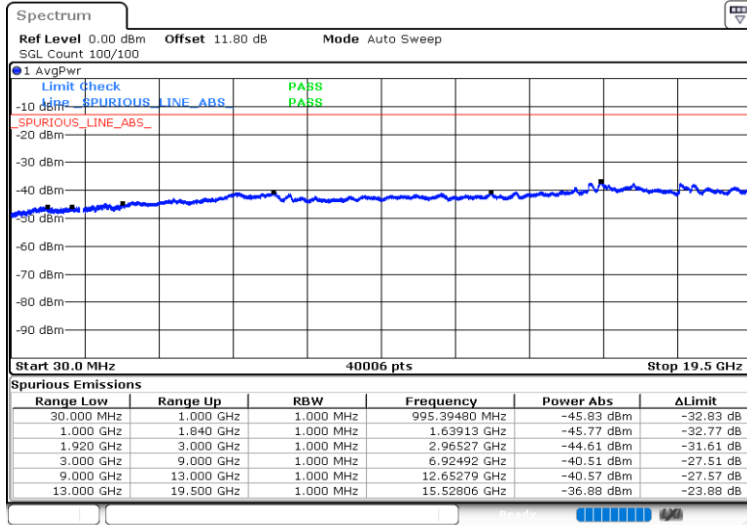


Date: 26.DEC.2023 11:14:30



Date: 26.DEC.2023 11:25:05

Highest Channel / QPSK



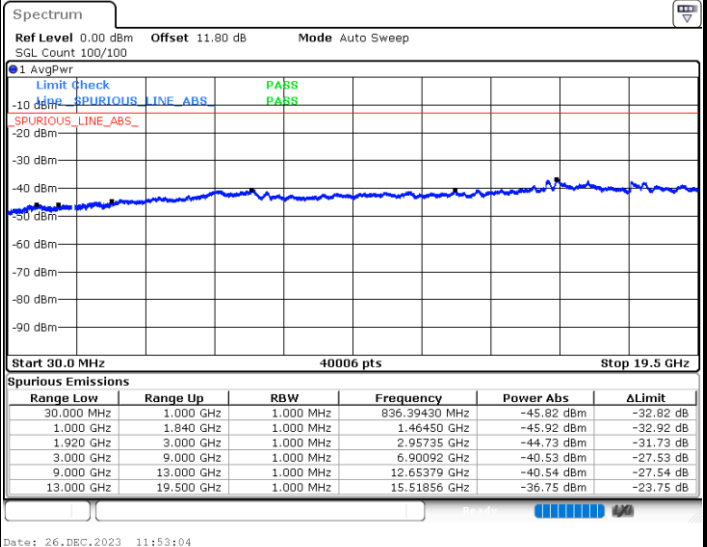
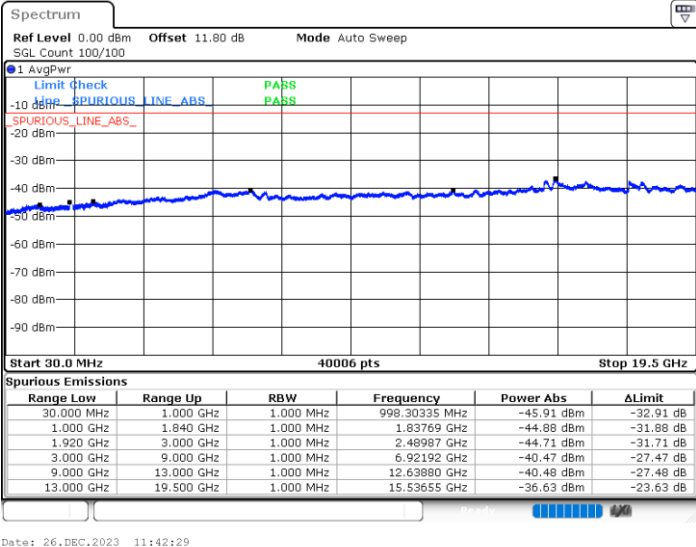
Date: 26.DEC.2023 11:26:16



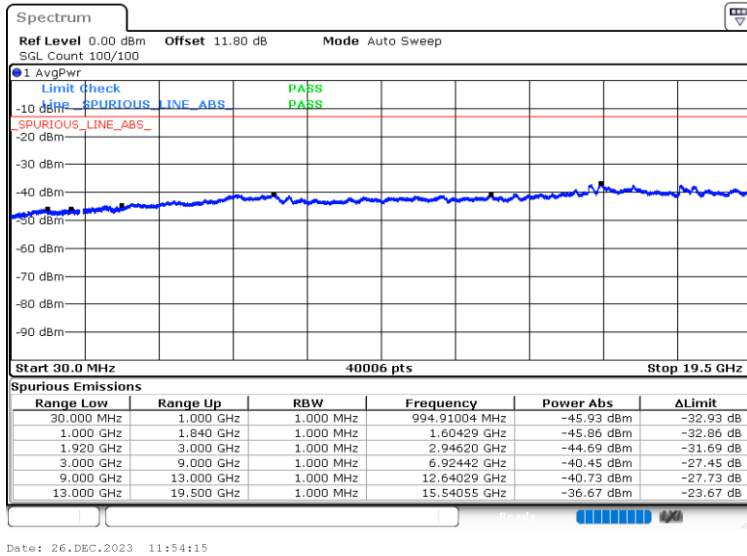
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

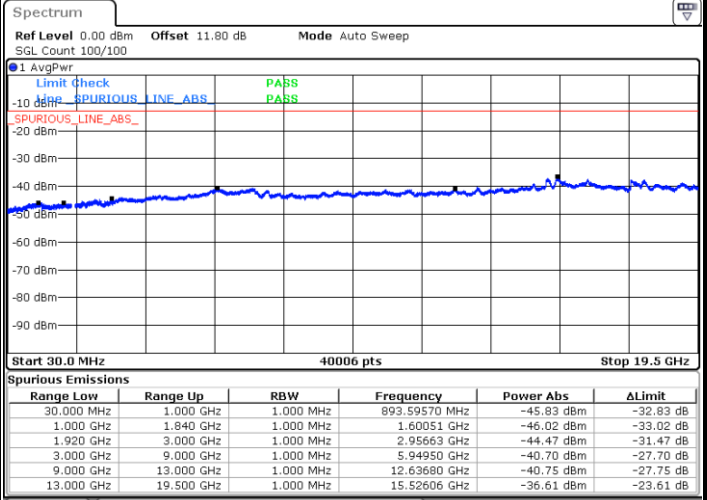
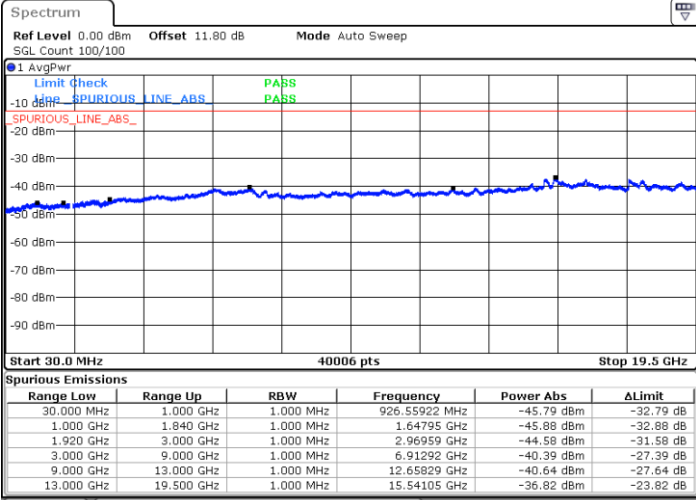




LTE Band 2 / 20MHz

Lowest Channel / QPSK

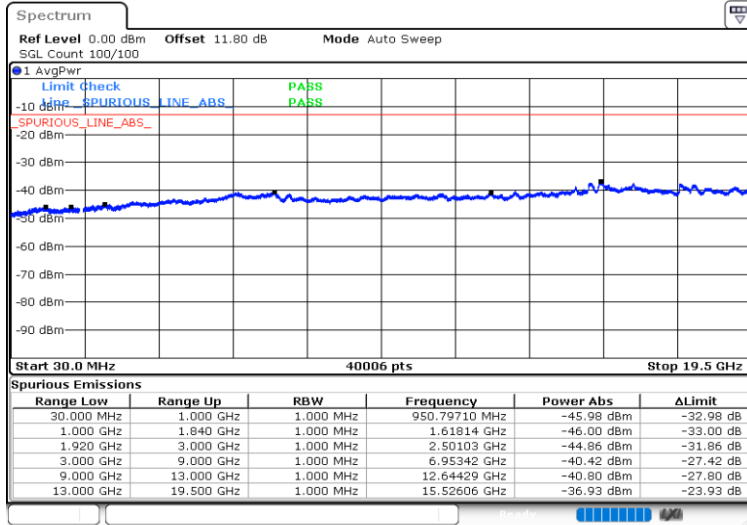
Middle Channel / QPSK



Date: 26.DEC.2023 13:42:30

Date: 26.DEC.2023 13:53:05

Highest Channel / QPSK



Date: 26.DEC.2023 13:54:16



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0075	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0082	
-20	Normal Voltage	0.0082	
-30	Normal Voltage	0.0076	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

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	24.92	25.47	30.03	25.52	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	25.22	30.08	34.96	39.79

Mode	LTE Band 2C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	25.02	25.32	29.96	25.42	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.96	25.07	30.08	34.96	39.88

Mode	LTE Band 2C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.32	29.96	25.37	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	25.07	30.14	35.10	39.79

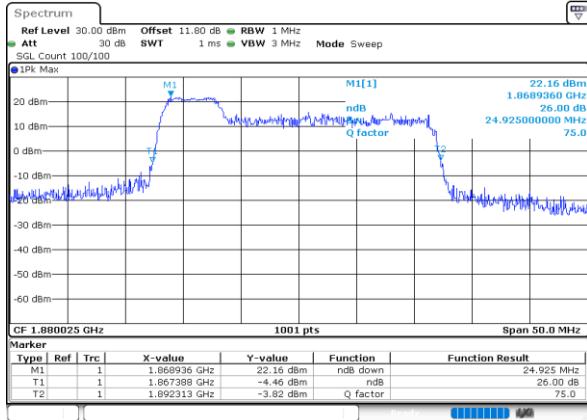
Mode	LTE Band 2C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.97	25.27	29.91	25.52	30.50
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	25.07	30.14	35.10	39.88



LTE Band 2C

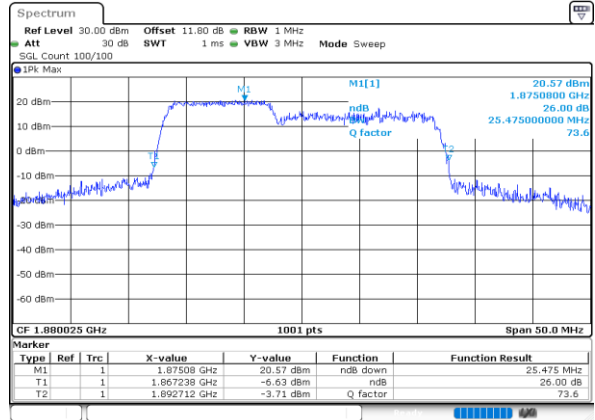
QPSK

Middle Channel / 5MHz+20MHz



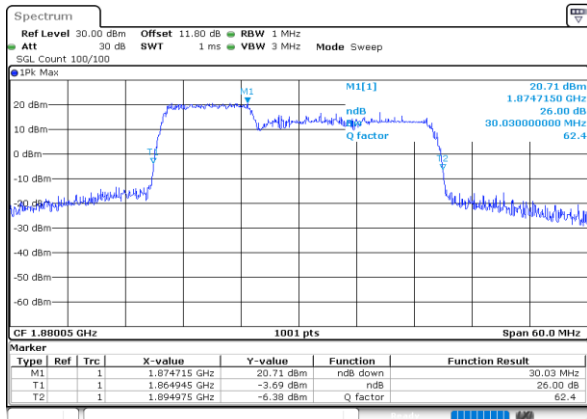
Date: 28. DEC. 2023 19:20:06

Middle Channel / 10MHz+15MHz



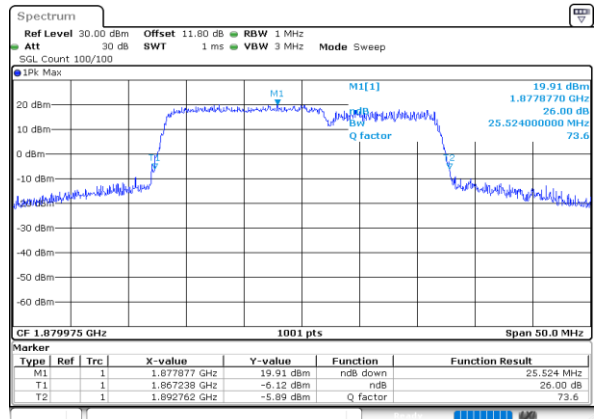
Date: 28. DEC. 2023 19:45:09

Middle Channel / 10MHz+20MHz



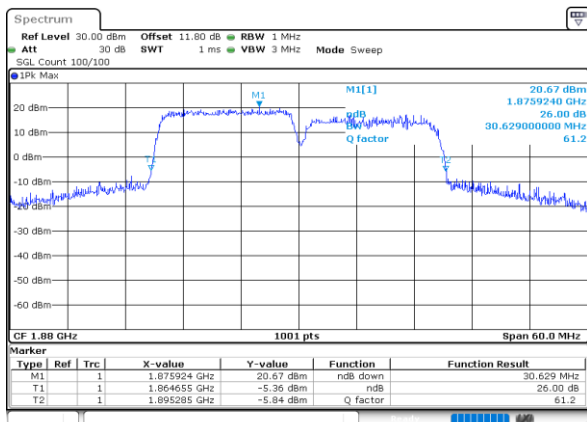
Date: 28. DEC. 2023 19:27:16

Middle Channel / 15MHz+10MHz



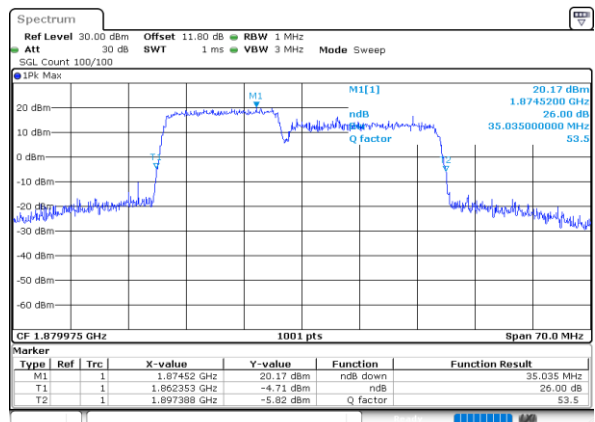
Date: 28. DEC. 2023 19:48:49

Middle Channel / 15MHz+15MHz



Date: 28. DEC. 2023 19:41:39

Middle Channel / 15MHz+20MHz

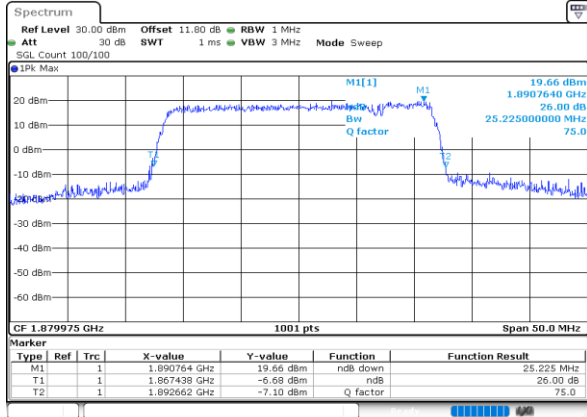


Date: 28. DEC. 2023 19:43:39



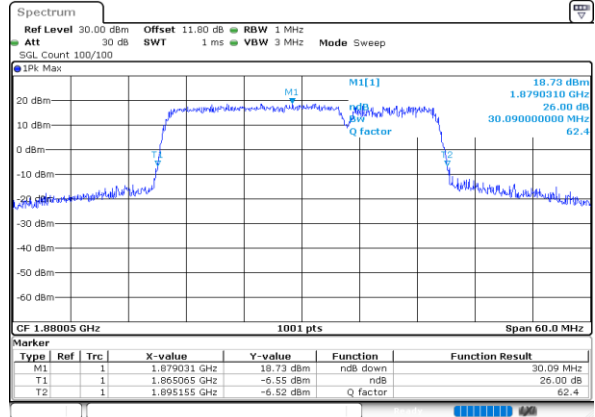
LTE Band 2C

Middle Channel / 20MHz+5MHz



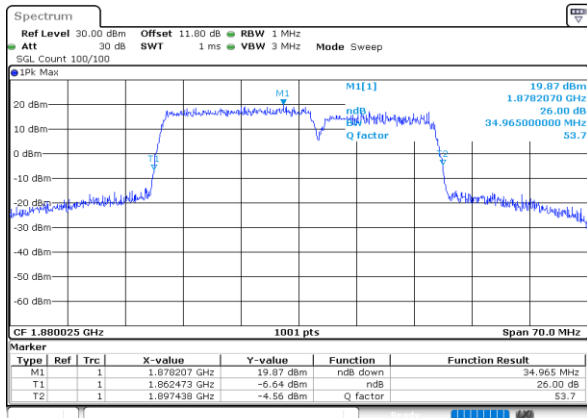
Date: 28 DEC 2023 19:23:37

Middle Channel / 20MHz+10MHz



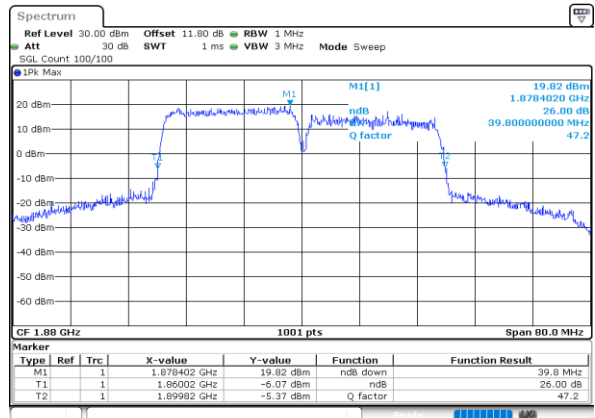
Date: 28 DEC 2023 19:30:55

Middle Channel / 20MHz+15MHz



Date: 28 DEC 2023 19:38:10

Middle Channel / 20MHz+20MHz

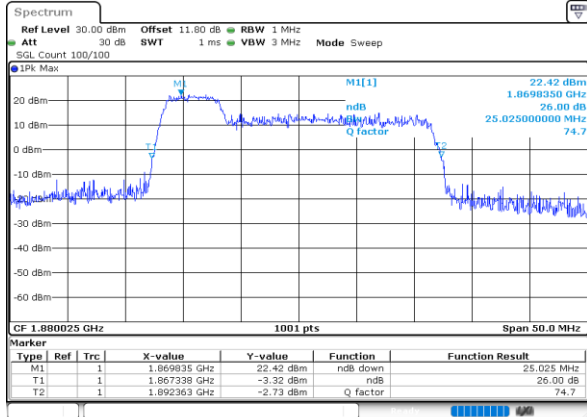


Date: 28 DEC 2023 19:52:22



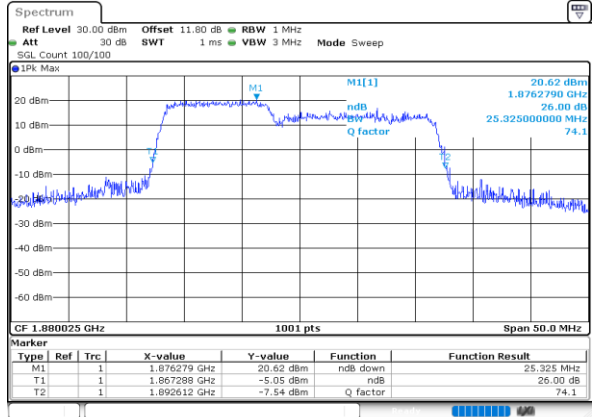
LTE Band 2C

Middle Channel / 5MHz+20MHz



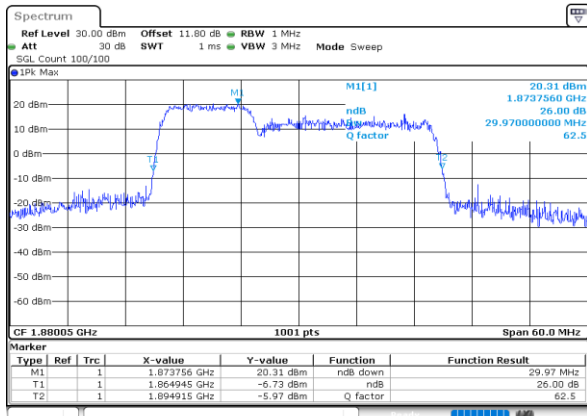
Date: 28 DEC 2023 19:20:32

Middle Channel / 10MHz+15MHz



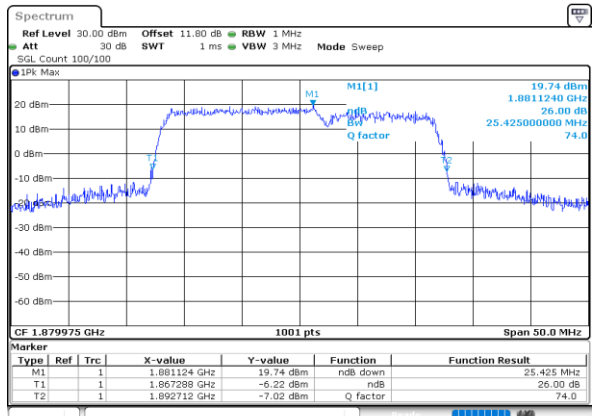
Date: 28 DEC 2023 19:45:134

Middle Channel / 10MHz+20MHz



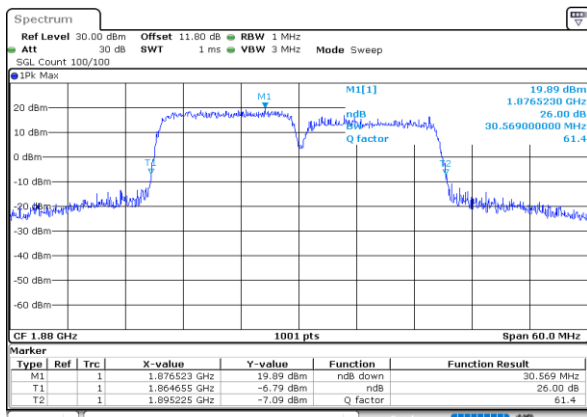
Date: 28 DEC 2023 19:27:41

Middle Channel / 15MHz+10MHz



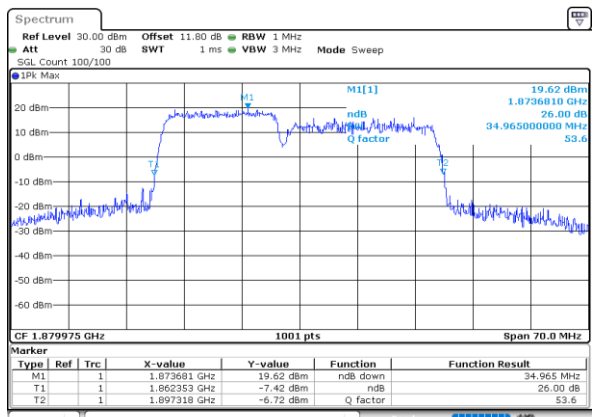
Date: 28 DEC 2023 19:45:114

Middle Channel / 15MHz+15MHz



Date: 28 DEC 2023 19:42:04

Middle Channel / 15MHz+20MHz



Date: 28 DEC 2023 19:13:5105

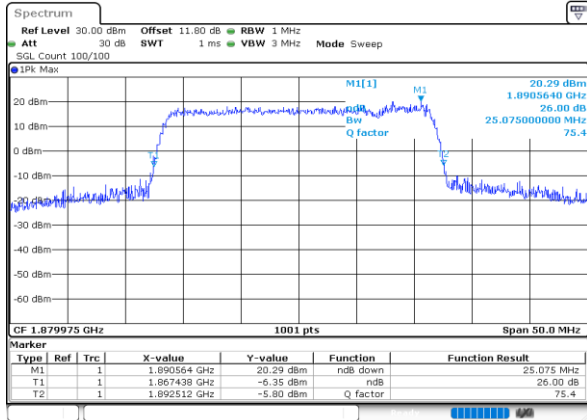




LTE Band 2C

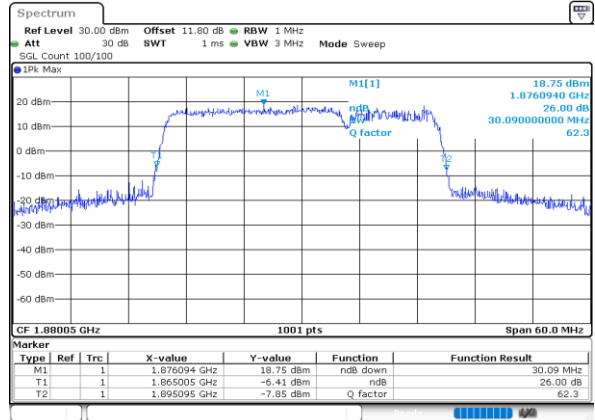
16QAM

Middle Channel / 20MHz+5MHz



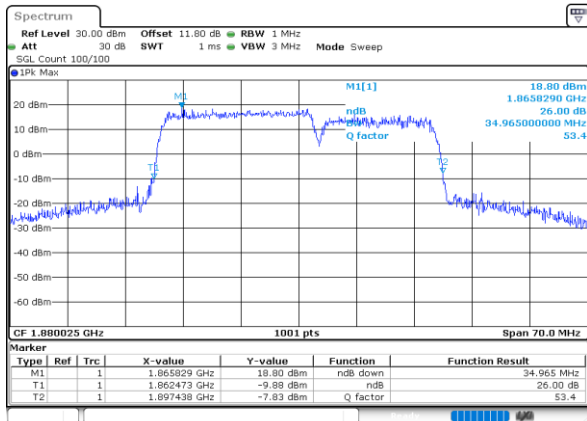
Date: 28 DEC 2023 19:24:02

Middle Channel / 20MHz+10MHz



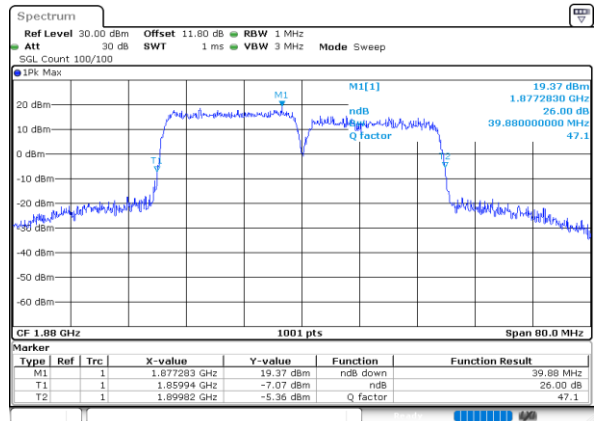
Date: 28 DEC 2023 19:31:20

Middle Channel / 20MHz+15MHz



Date: 28 DEC 2023 19:38:35

Middle Channel / 20MHz+20MHz



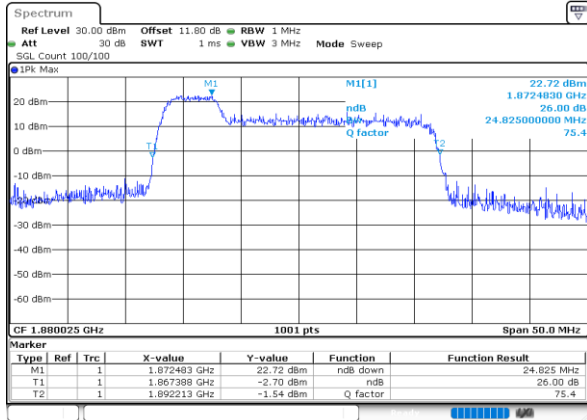
Date: 28 DEC 2023 19:52:48



LTE Band 2C

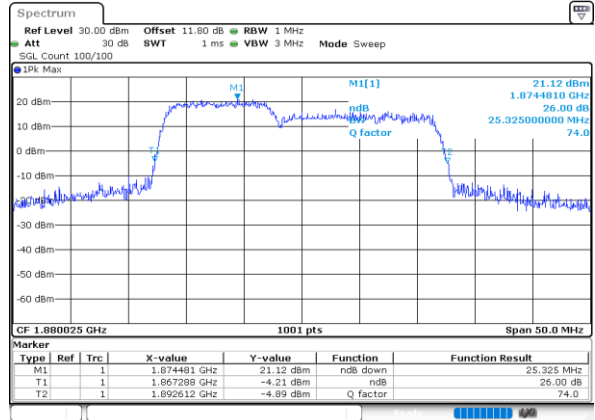
64QAM

Middle Channel / 5MHz+20MHz



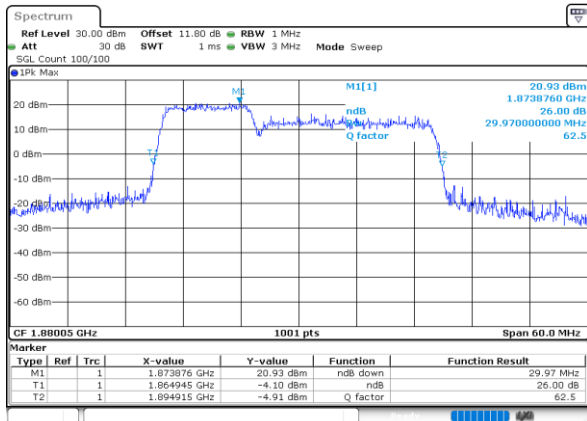
Date: 28 DEC 2023 19:20:57

Middle Channel / 10MHz+15MHz



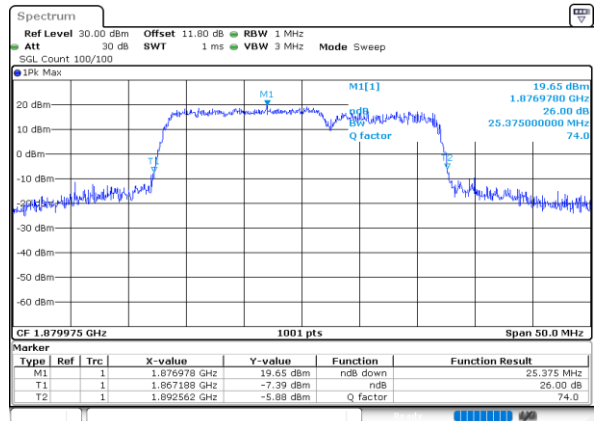
Date: 28 DEC 2023 19:46:00

Middle Channel / 10MHz+20MHz



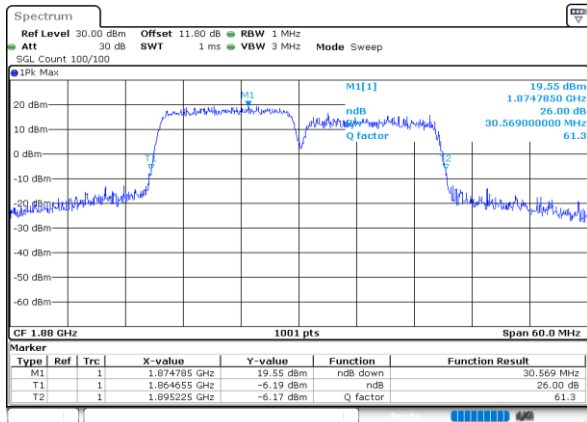
Date: 28 DEC 2023 19:28:06

Middle Channel / 15MHz+10MHz



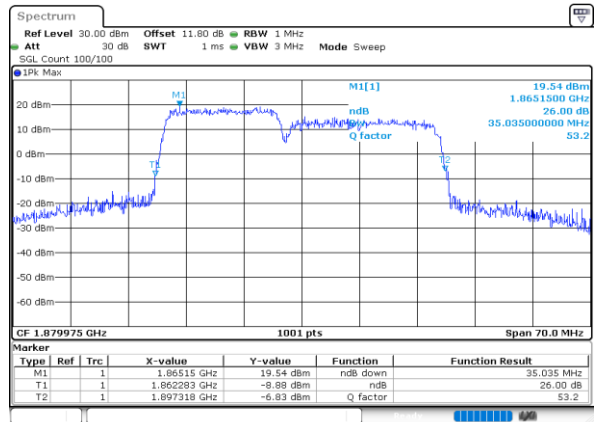
Date: 28 DEC 2023 19:49:39

Middle Channel / 15MHz+15MHz



Date: 28 DEC 2023 19:42:30

Middle Channel / 15MHz+20MHz



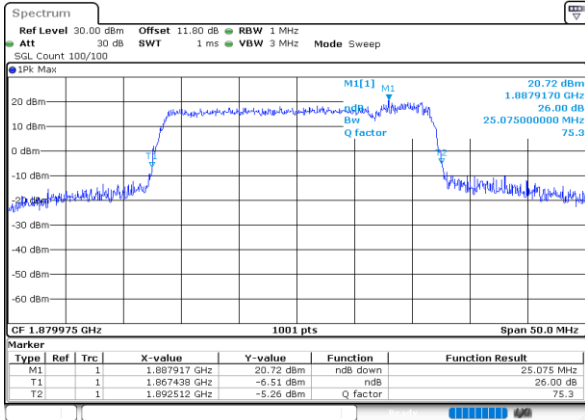
Date: 28 DEC 2023 19:43:10



LTE Band 2C

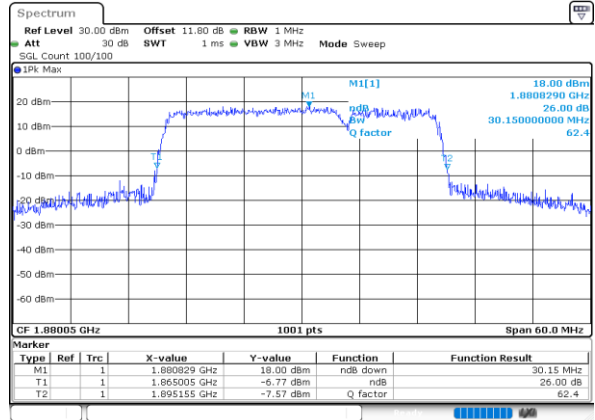
64QAM

Middle Channel / 20MHz+5MHz



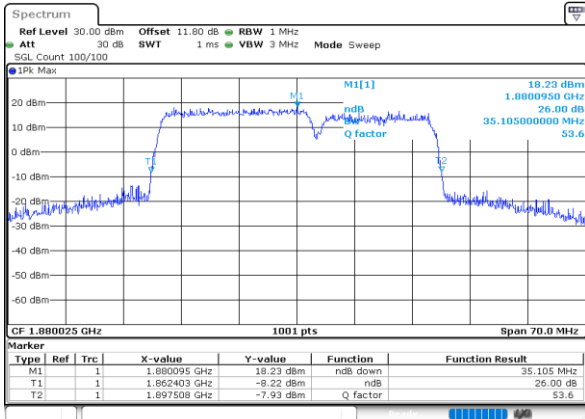
Date: 28. DEC. 2023 19:24:27

Middle Channel / 20MHz+10MHz



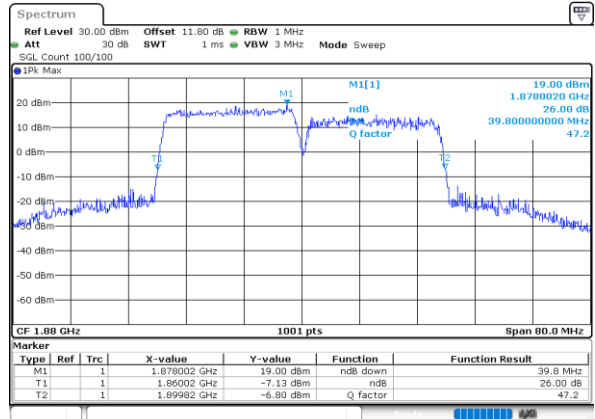
Date: 28. DEC. 2023 19:31:49

Middle Channel / 20MHz+15MHz



Date: 28. DEC. 2023 19:39:00

Middle Channel / 20MHz+20MHz



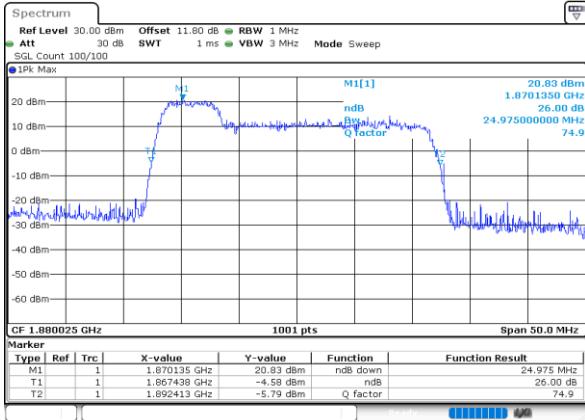
Date: 28. DEC. 2023 19:53:13



LTE Band 2C

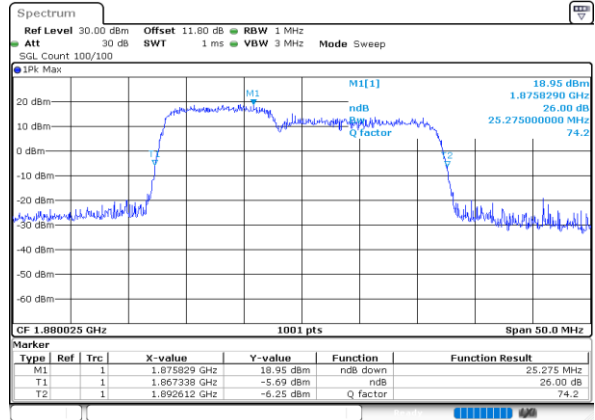
256QAM

Middle Channel / 5MHz+20MHz



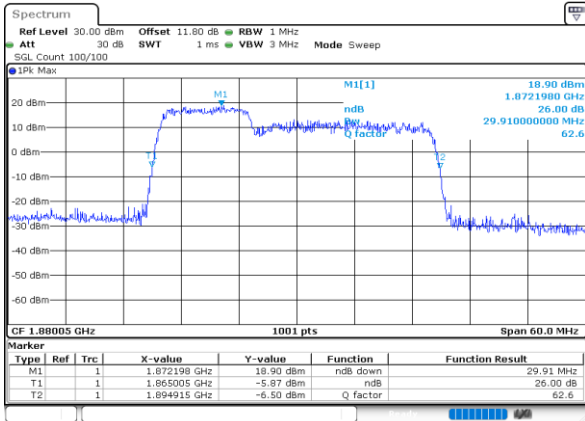
Date: 28 DEC 2023 19:21:22

Middle Channel / 10MHz+15MHz



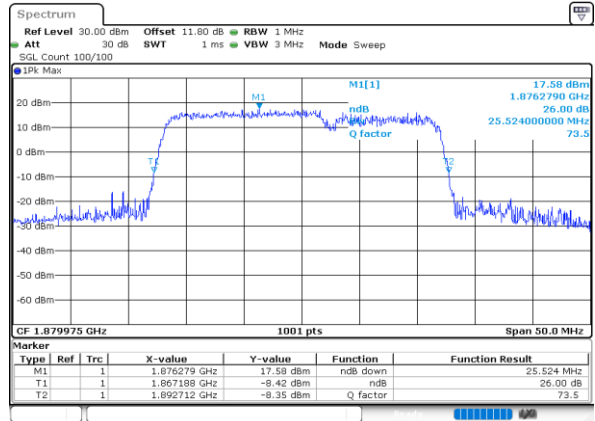
Date: 28 DEC 2023 19:46:25

Middle Channel / 10MHz+20MHz



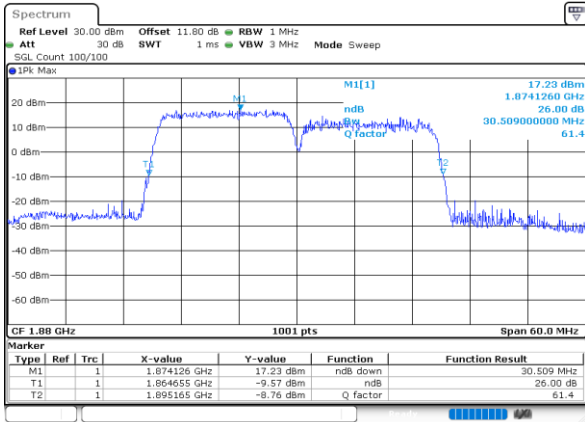
Date: 28 DEC 2023 19:28:31

Middle Channel / 15MHz+10MHz



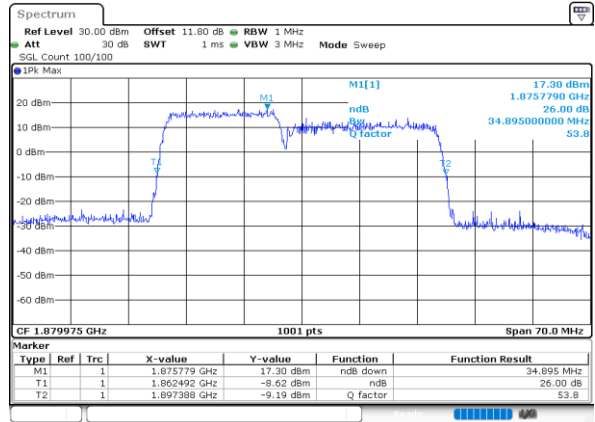
Date: 28 DEC 2023 19:45:04

Middle Channel / 15MHz+15MHz



Date: 28 DEC 2023 19:42:55

Middle Channel / 15MHz+20MHz



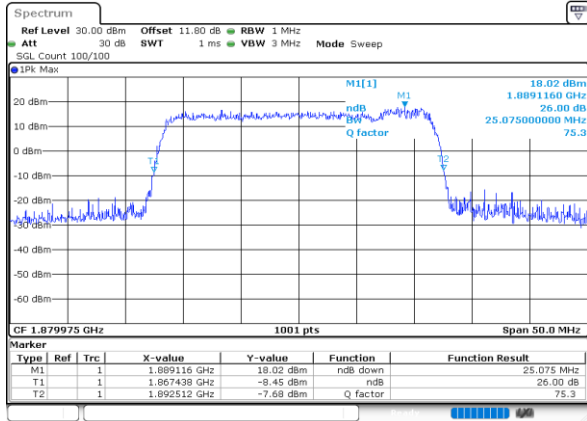
Date: 28 DEC 2023 19:43:55



LTE Band 2C

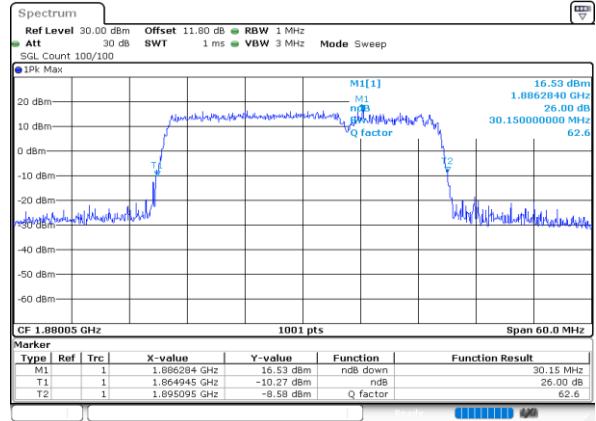
256QAM

Middle Channel / 20MHz+5MHz



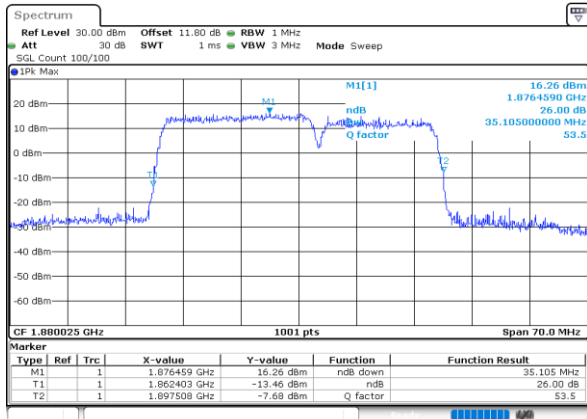
Date: 28.DEC.2023 19:24:52

Middle Channel / 20MHz+10MHz



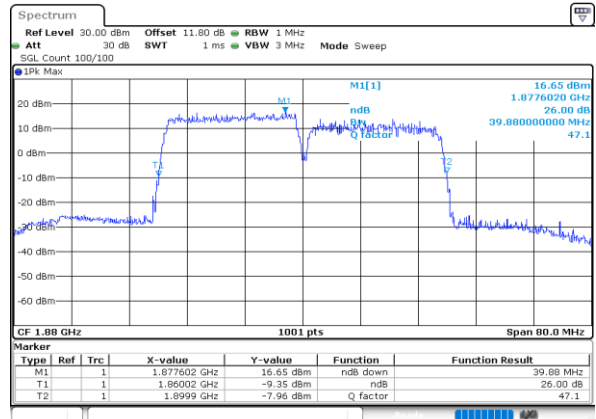
Date: 28.DEC.2023 19:32:24

Middle Channel / 20MHz+15MHz



Date: 28.DEC.2023 19:39:25

Middle Channel / 20MHz+20MHz



Date: 28.DEC.2023 19:53:38



Occupied Bandwidth

Mode	LTE Band 2C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.32	23.52	27.99	23.47	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.79	23.27	28.17	32.79	37.64

Mode	LTE Band 2C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.17	23.37	28.05	23.52	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.65	23.27	27.99	32.79	37.72

Mode	LTE Band 2C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.17	23.42	27.99	23.42	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.72	23.22	27.93	32.72	37.48

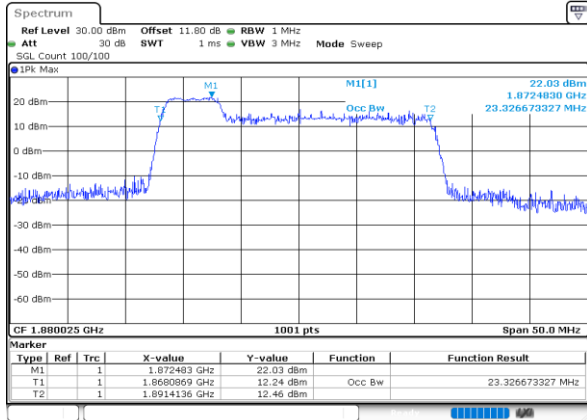
Mode	LTE Band 2C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.17	23.42	27.87	23.37	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.72	23.17	28.05	32.79	37.56



LTE Band 2C

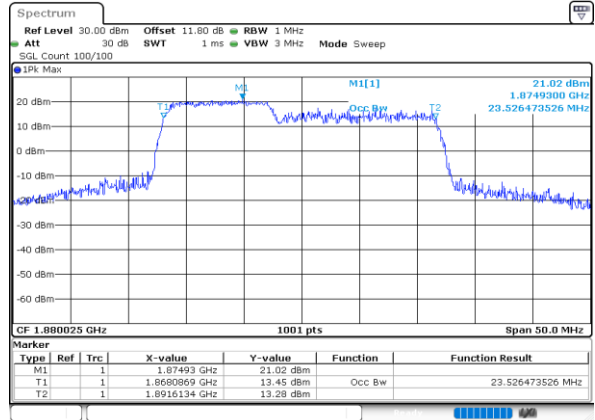
QPSK

Middle Channel / 5MHz+20MHz



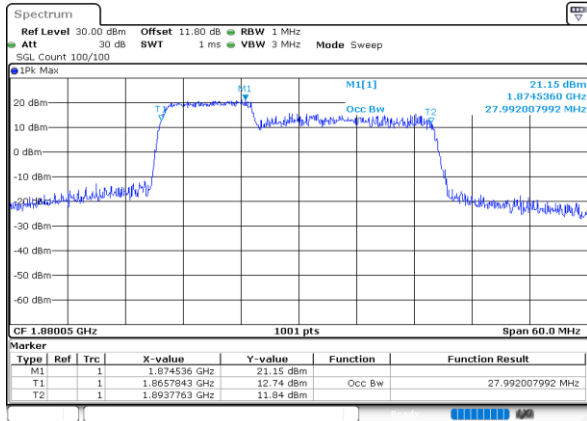
Date: 28 DEC 2023 19:18:26

Middle Channel / 10MHz+15MHz



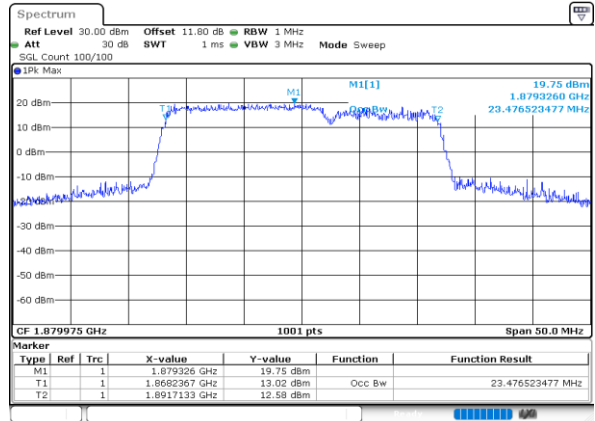
Date: 28 DEC 2023 19:43:28

Middle Channel / 10MHz+20MHz



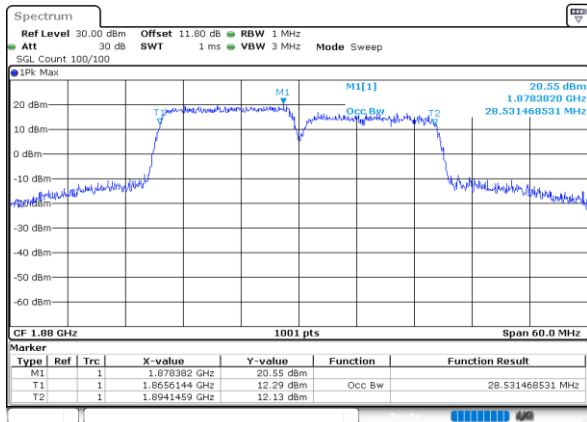
Date: 28 DEC 2023 19:25:35

Middle Channel / 15MHz+10MHz



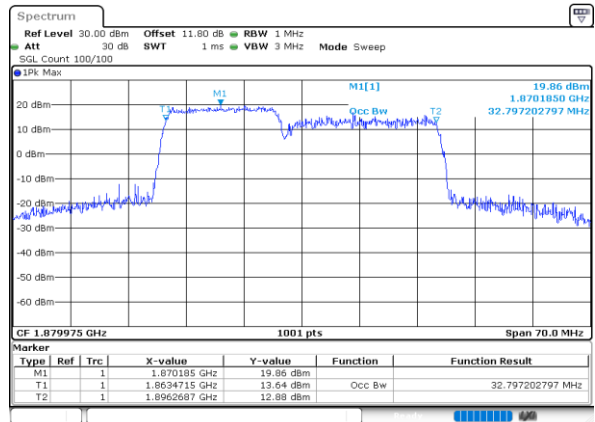
Date: 28 DEC 2023 19:47:08

Middle Channel / 15MHz+15MHz



Date: 28 DEC 2023 19:39:59

Middle Channel / 15MHz+20MHz



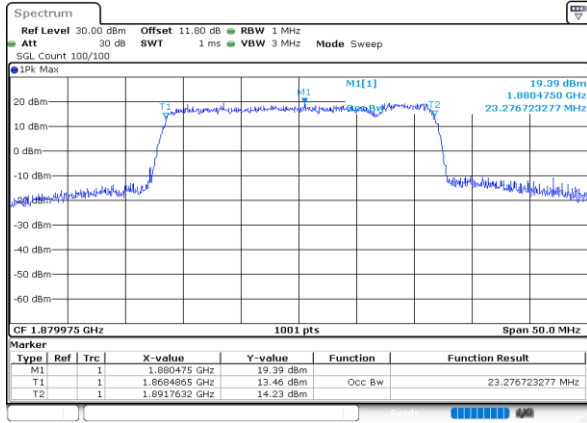
Date: 28 DEC 2023 19:32:58



LTE Band 2C

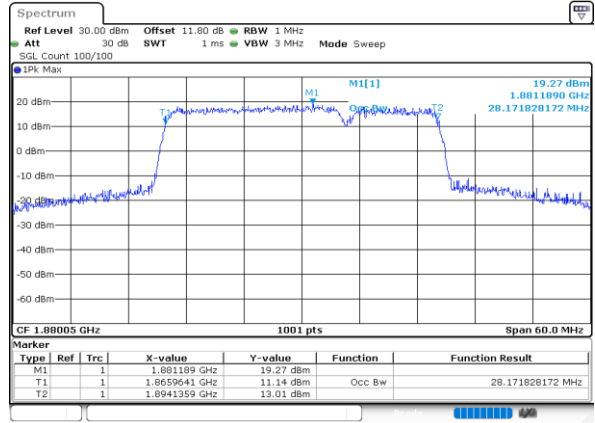
QPSK

Middle Channel / 20MHz+5MHz



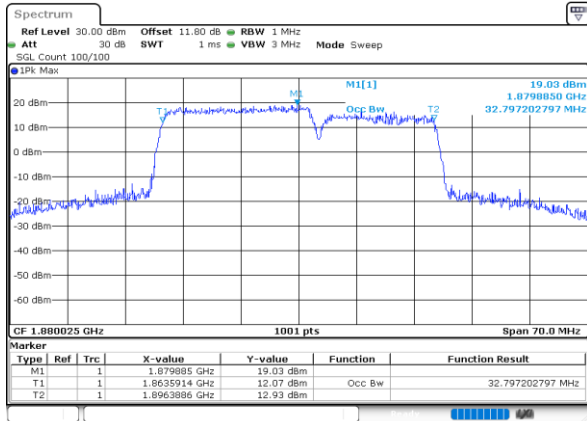
Date: 28. DEC. 2023 19:21:56

Middle Channel / 20MHz+10MHz



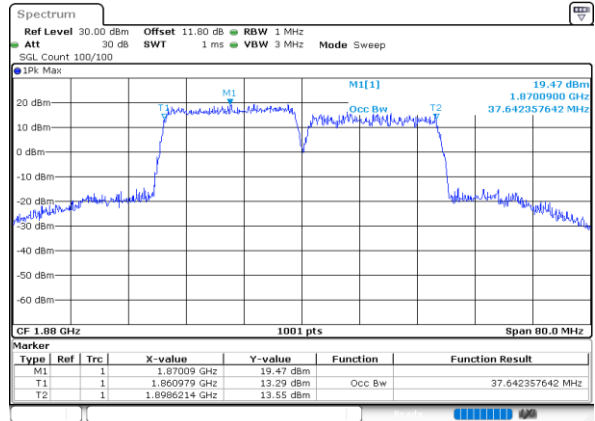
Date: 28. DEC. 2023 19:29:14

Middle Channel / 20MHz+15MHz



Date: 28. DEC. 2023 19:36:29

Middle Channel / 20MHz+20MHz



Date: 28. DEC. 2023 19:50:41

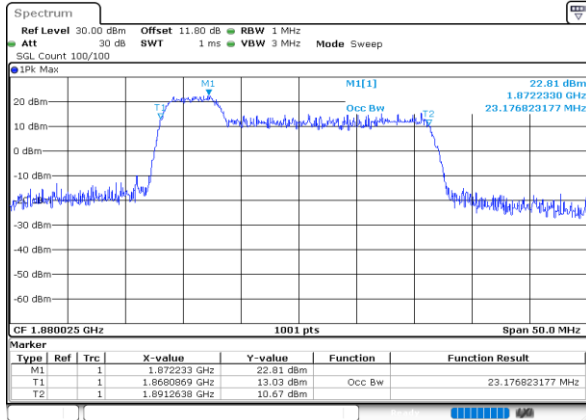




LTE Band 2C

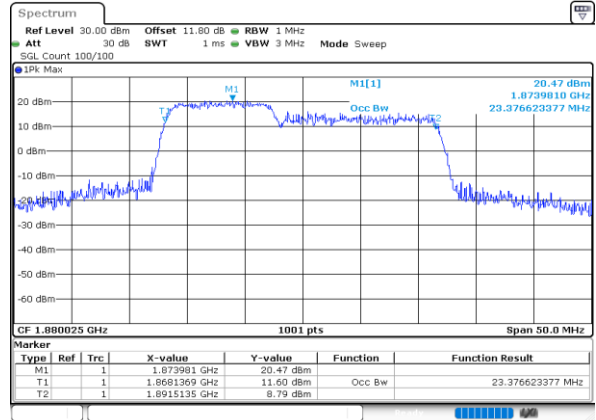
16QAM

Middle Channel / 5MHz+20MHz



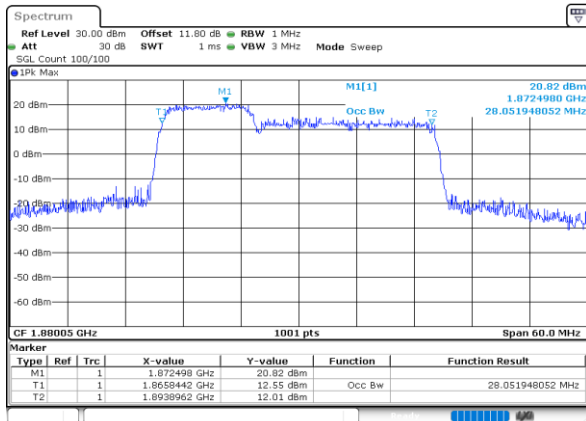
Date: 28. DEC. 2023 19:18:51

Middle Channel / 10MHz+15MHz



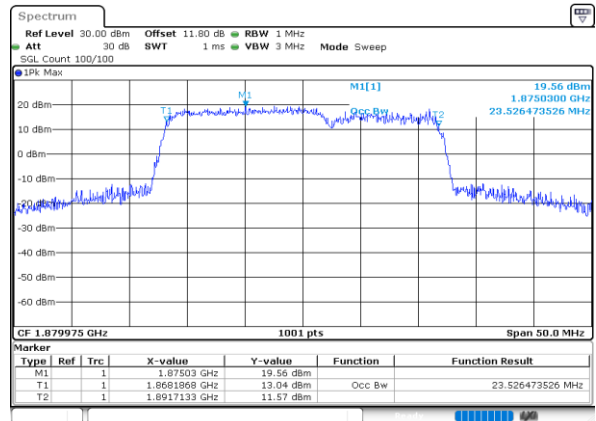
Date: 28. DEC. 2023 19:43:54

Middle Channel / 10MHz+20MHz



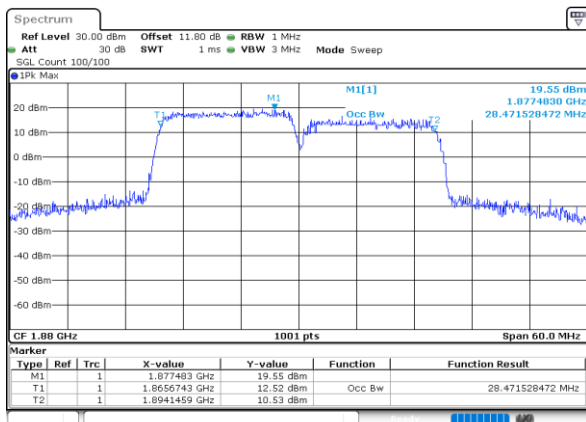
Date: 28. DEC. 2023 19:26:00

Middle Channel / 15MHz+10MHz



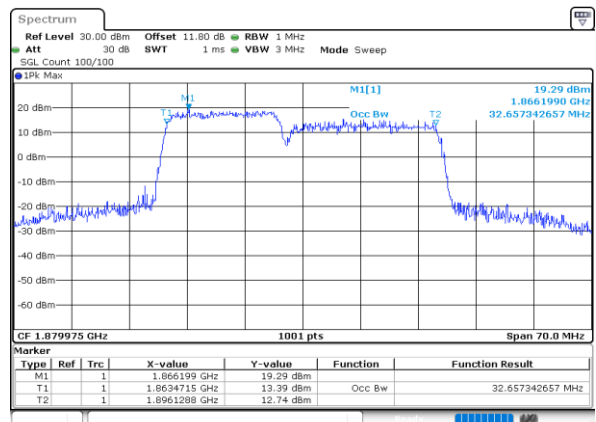
Date: 28. DEC. 2023 19:47:33

Middle Channel / 15MHz+15MHz



Date: 28. DEC. 2023 19:40:24

Middle Channel / 15MHz+20MHz



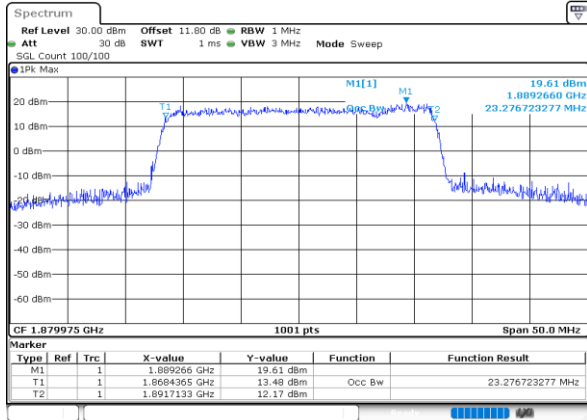
Date: 28. DEC. 2023 19:43:123



LTE Band 2C

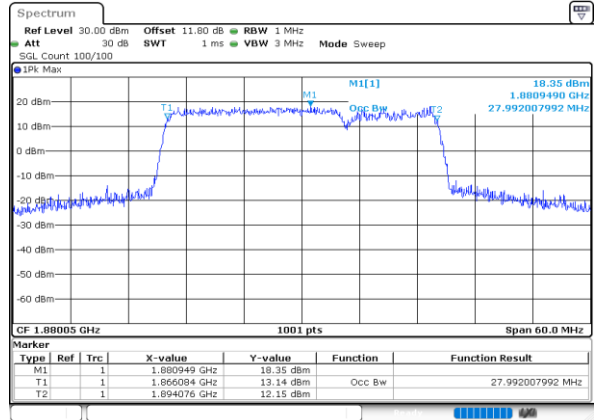
16QAM

Middle Channel / 20MHz+5MHz



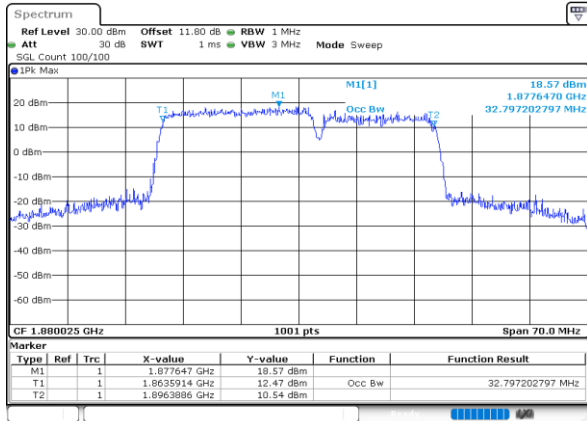
Date: 28. DEC. 2023 19:22:21

Middle Channel / 20MHz+10MHz



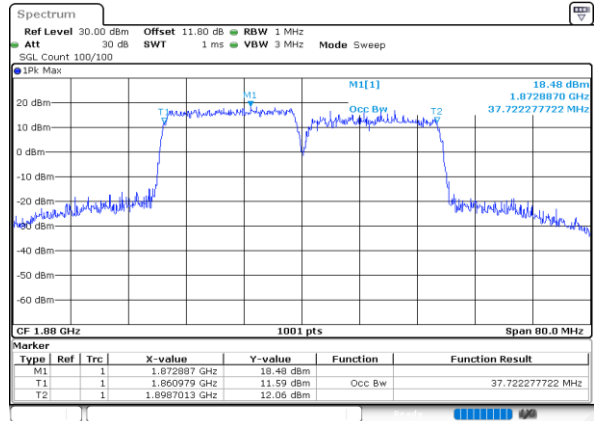
Date: 28. DEC. 2023 19:29:39

Middle Channel / 20MHz+15MHz



Date: 28. DEC. 2023 19:36:54

Middle Channel / 20MHz+20MHz



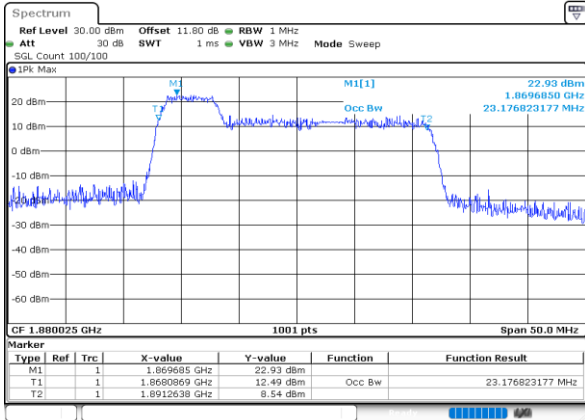
Date: 28. DEC. 2023 19:51:06



LTE Band 2C

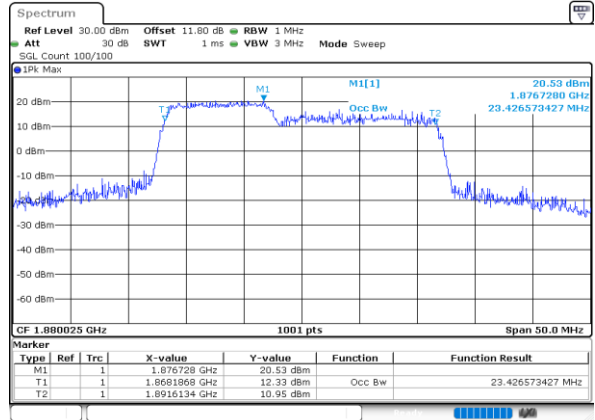
64QAM

Middle Channel / 5MHz+20MHz



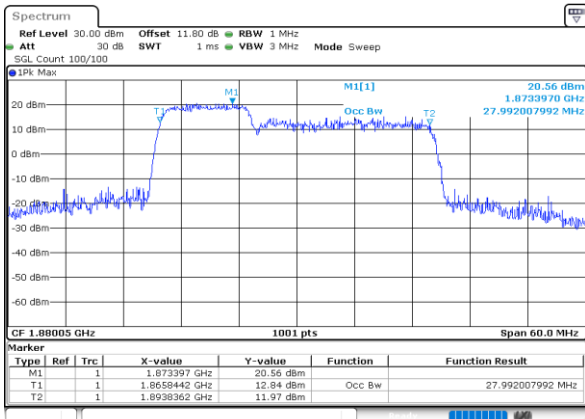
Date: 28. DEC. 2023 19:19:16

Middle Channel / 10MHz+15MHz



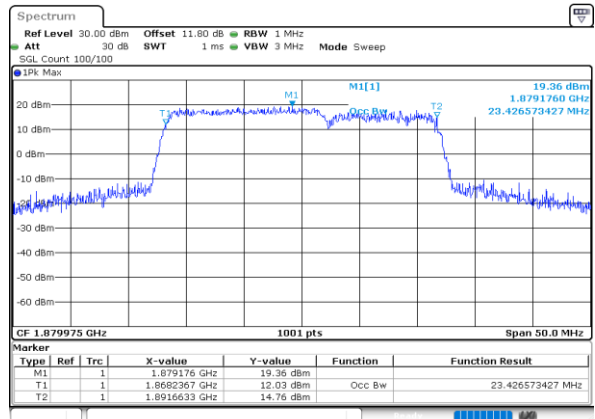
Date: 28. DEC. 2023 19:44:19

Middle Channel / 10MHz+20MHz



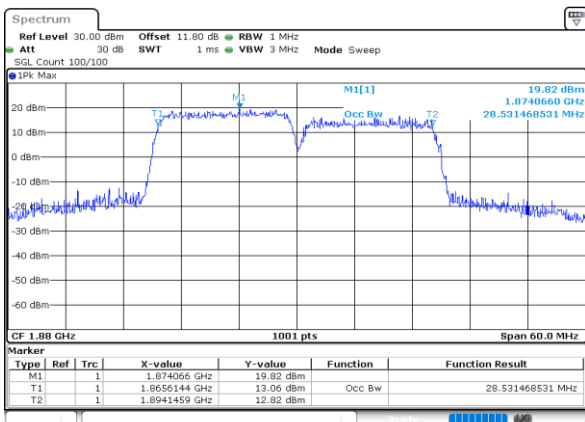
Date: 28. DEC. 2023 19:26:25

Middle Channel / 15MHz+10MHz



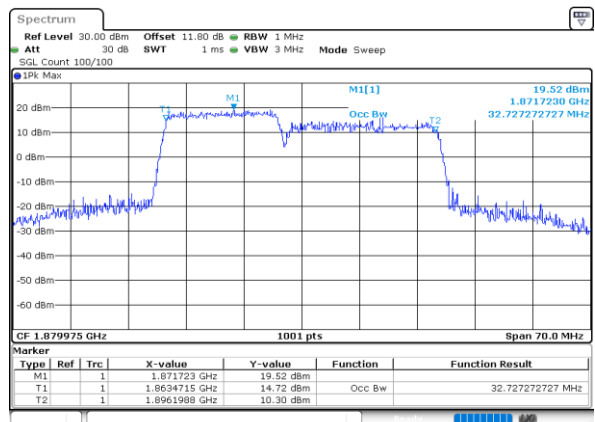
Date: 28. DEC. 2023 19:47:58

Middle Channel / 15MHz+15MHz



Date: 28. DEC. 2023 19:40:49

Middle Channel / 15MHz+20MHz



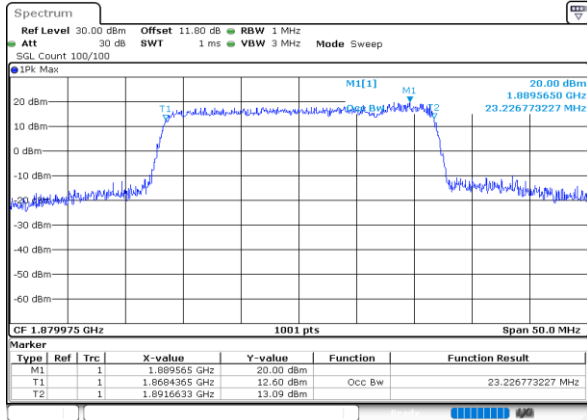
Date: 28. DEC. 2023 19:33:49



LTE Band 2C

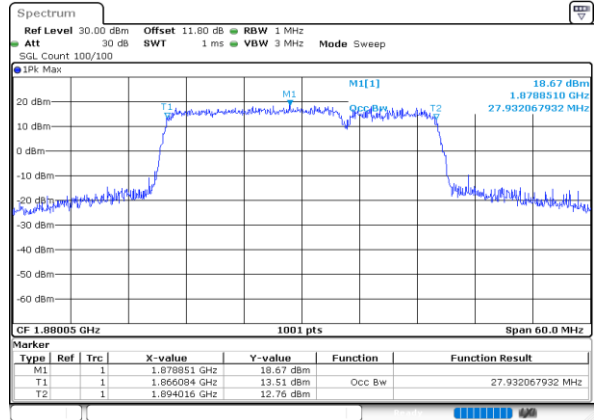
64QAM

Middle Channel / 20MHz+5MHz



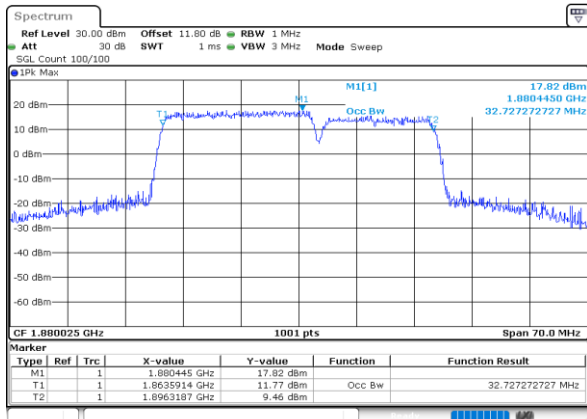
Date: 28. DEC. 2023 19:22:46

Middle Channel / 20MHz+10MHz



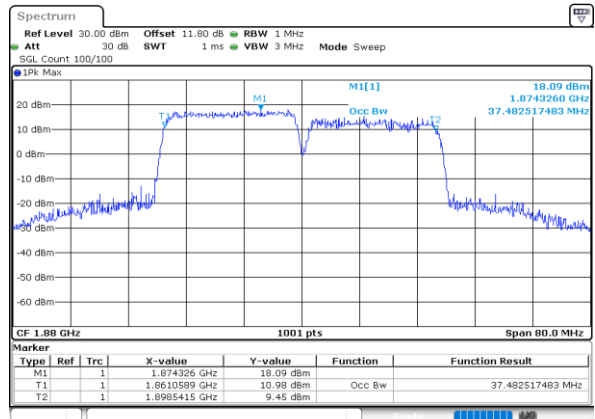
Date: 28. DEC. 2023 19:30:05

Middle Channel / 20MHz+15MHz



Date: 28. DEC. 2023 19:37:19

Middle Channel / 20MHz+20MHz



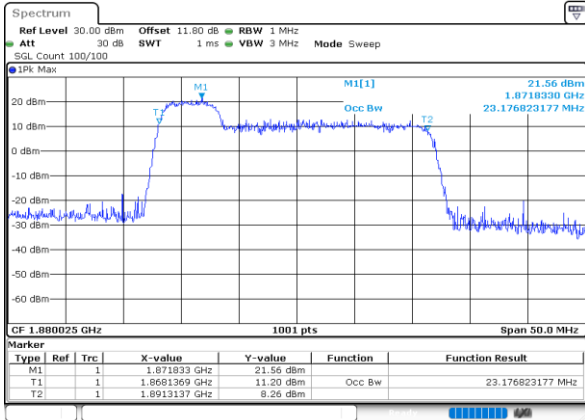
Date: 28. DEC. 2023 19:51:32



LTE Band 2C

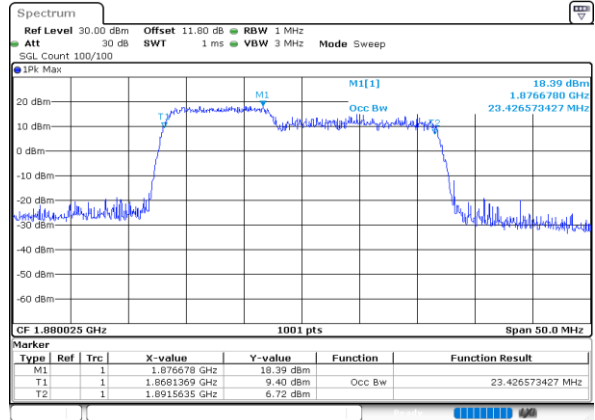
256QAM

Middle Channel / 5MHz+20MHz



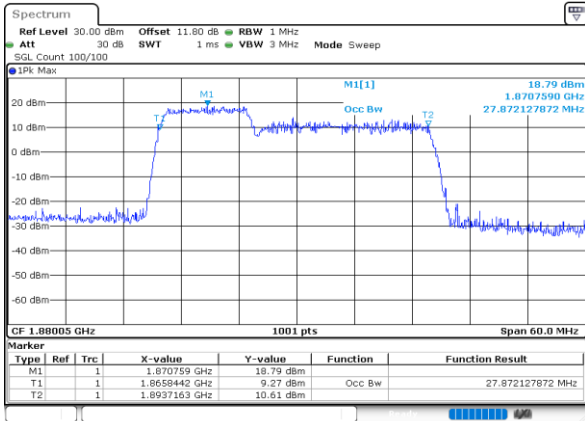
Date: 28 DEC 2023 19:19:41

Middle Channel / 10MHz+15MHz



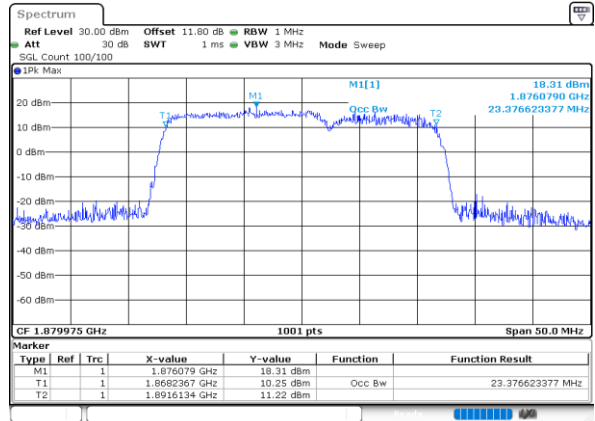
Date: 28 DEC 2023 19:44:44

Middle Channel / 10MHz+20MHz



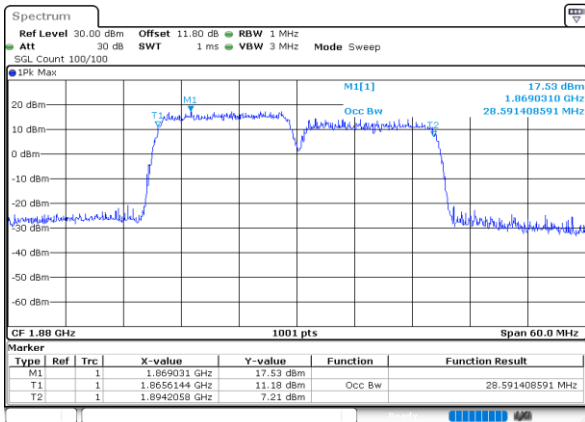
Date: 28 DEC 2023 19:26:50

Middle Channel / 15MHz+10MHz



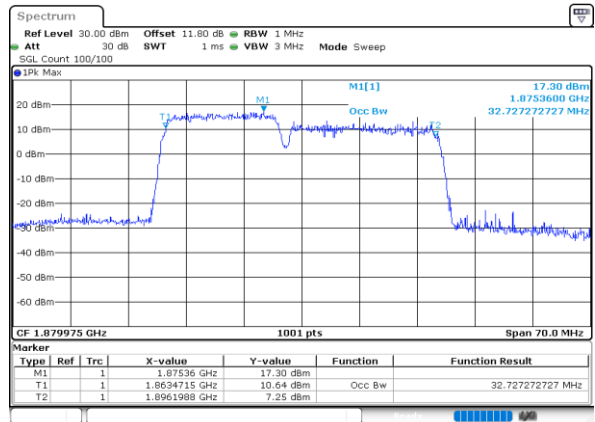
Date: 28 DEC 2023 19:48:23

Middle Channel / 15MHz+15MHz



Date: 28 DEC 2023 19:41:14

Middle Channel / 15MHz+20MHz



Date: 28 DEC 2023 19:43:14