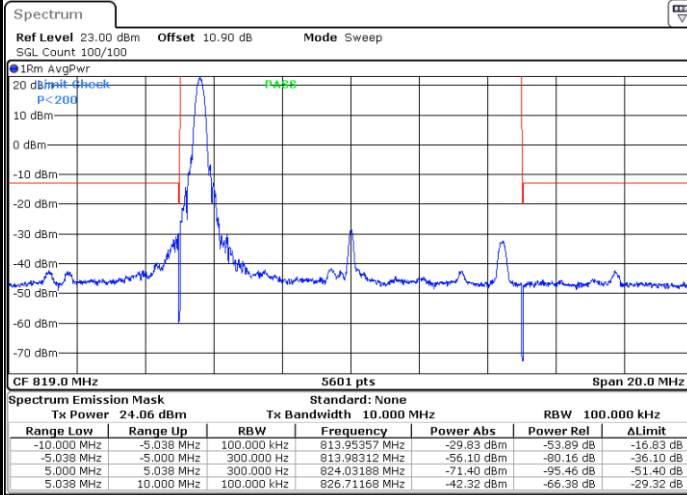




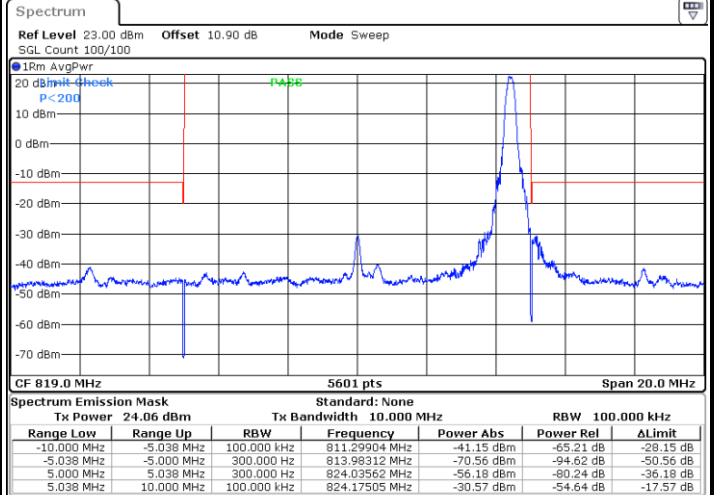
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



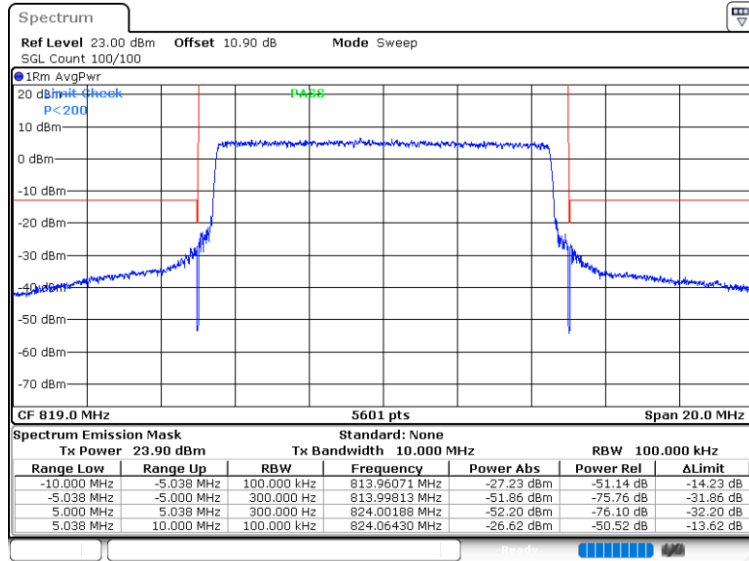
Date: 18.OCT.2022 00:45:23

Highest Band Edge / 1 RB



Date: 18.OCT.2022 00:47:28

Lowest Band Edge / Full RB

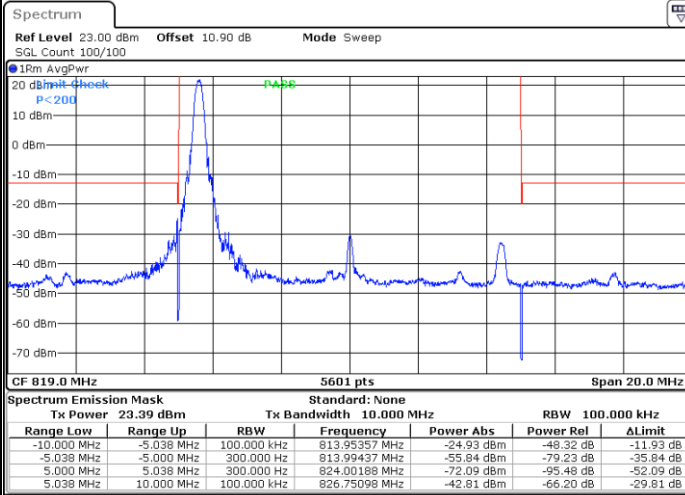


Date: 18.OCT.2022 00:49:33



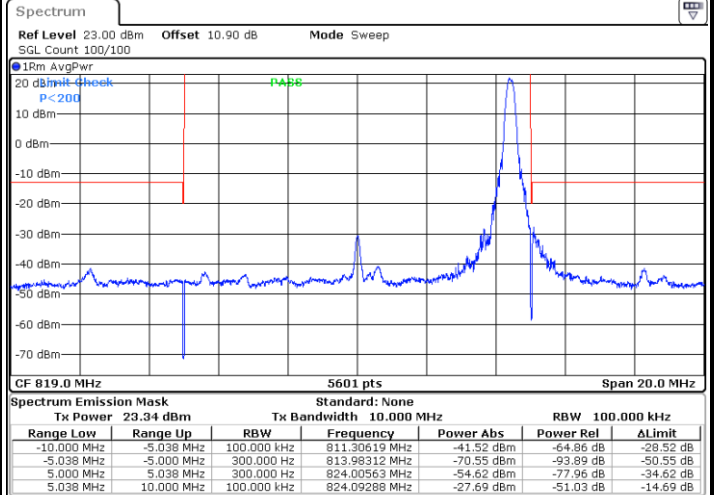
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



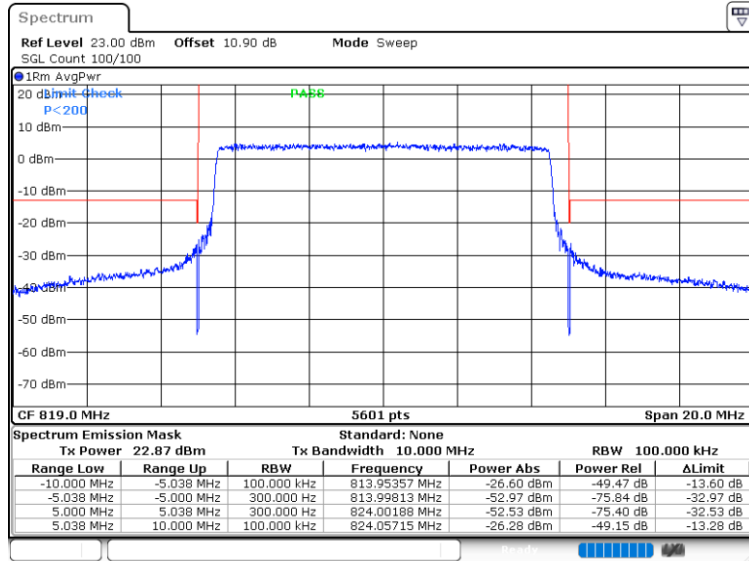
Date: 18.OCT.2022 00:46:25

Highest Band Edge / 1 RB



Date: 18.OCT.2022 00:48:30

Lowest Band Edge / Full RB

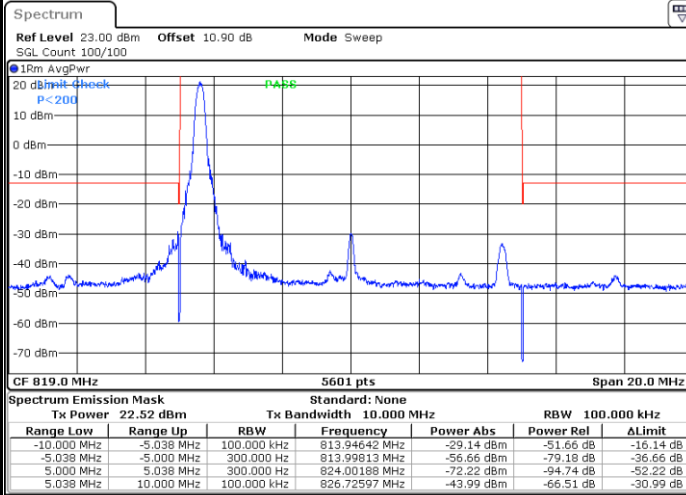


Date: 18.OCT.2022 00:50:36



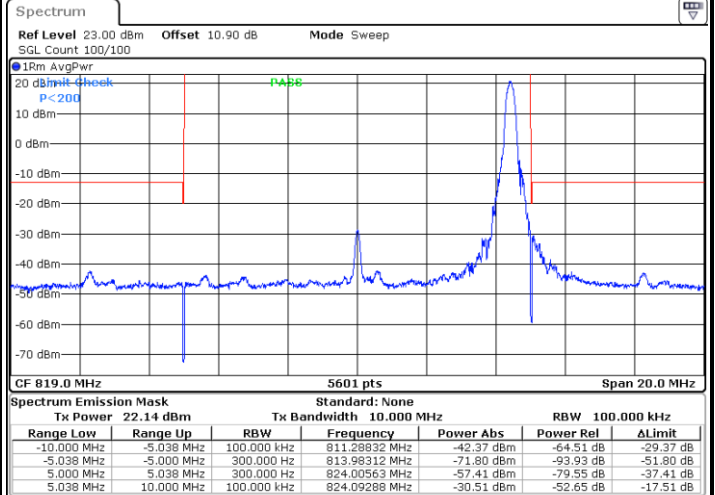
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



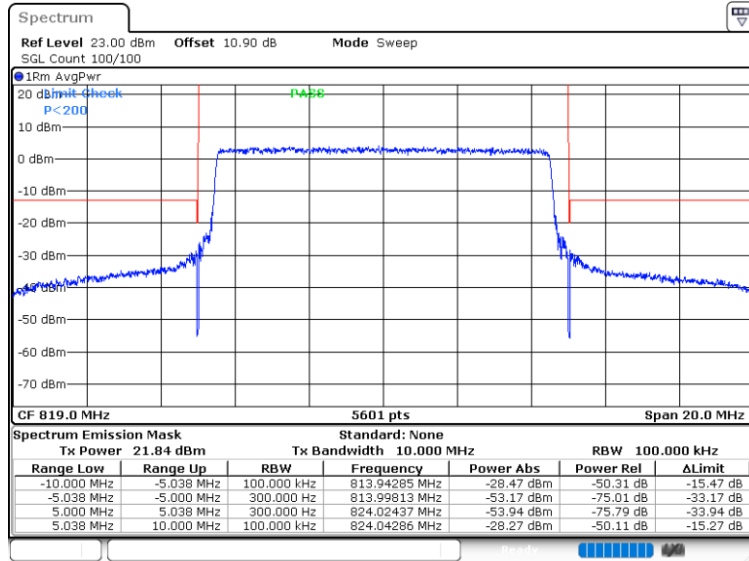
Date: 18.OCT.2022 01:26:20

Highest Band Edge / 1 RB



Date: 18.OCT.2022 01:27:23

Lowest Band Edge / Full RB

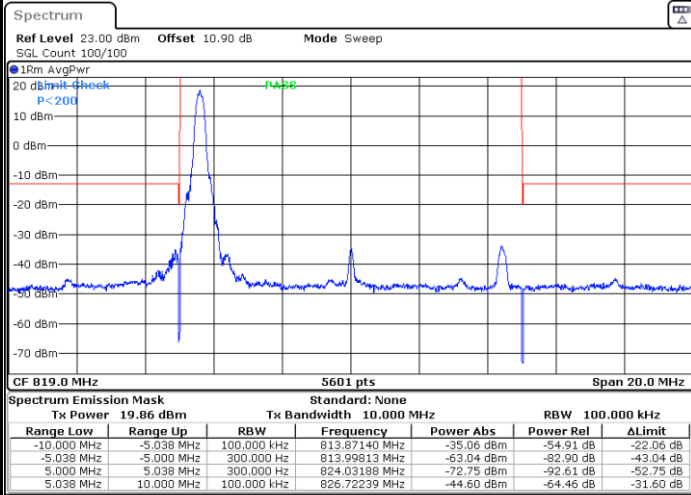


Date: 18.OCT.2022 01:28:26



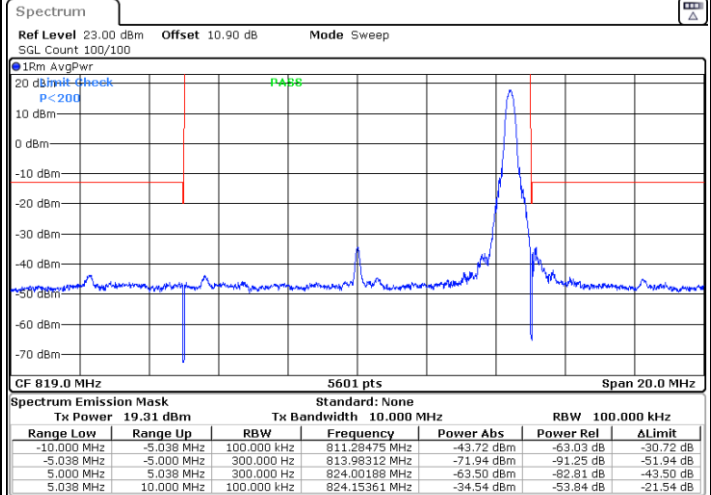
LTE Band 26 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



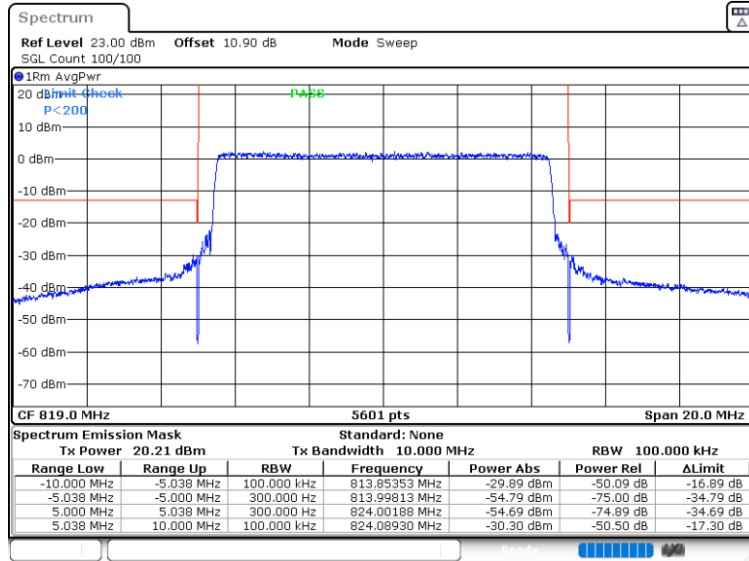
Date: 18.OCT.2022 22:38:39

Highest Band Edge / 1 RB



Date: 18.OCT.2022 22:44:49

Lowest Band Edge / Full RB

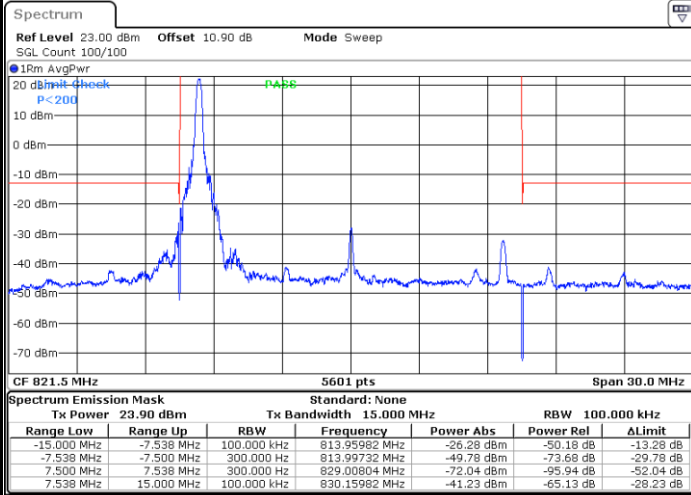


Date: 18.OCT.2022 22:49:44



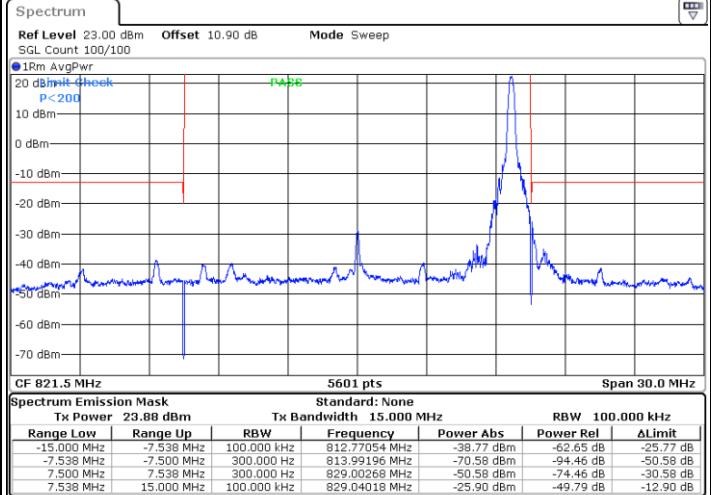
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



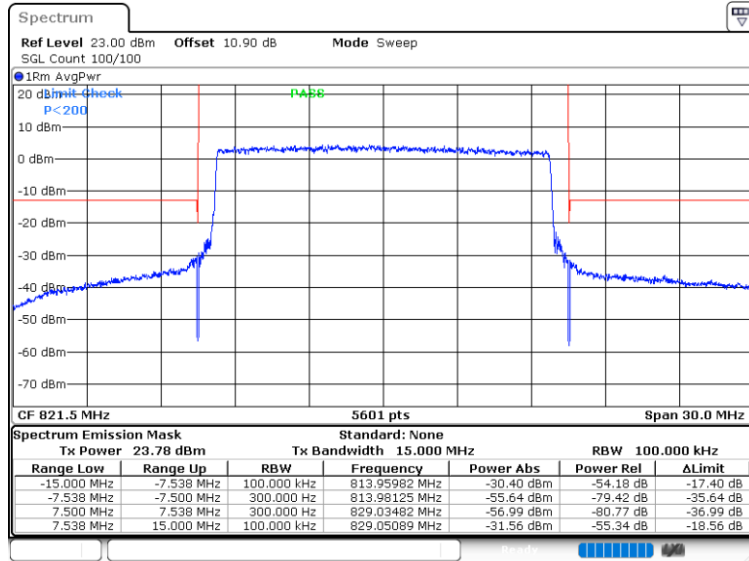
Date: 18.OCT.2022 01:07:57

Highest Band Edge / 1 RB



Date: 18.OCT.2022 01:10:03

Lowest Band Edge / Full RB

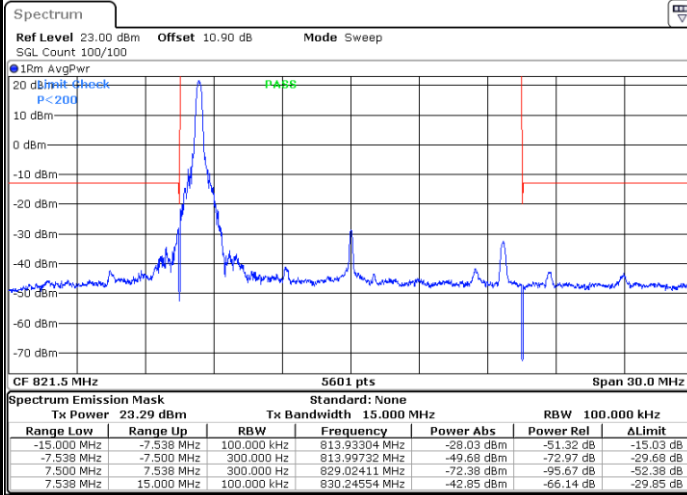


Date: 18.OCT.2022 01:12:08



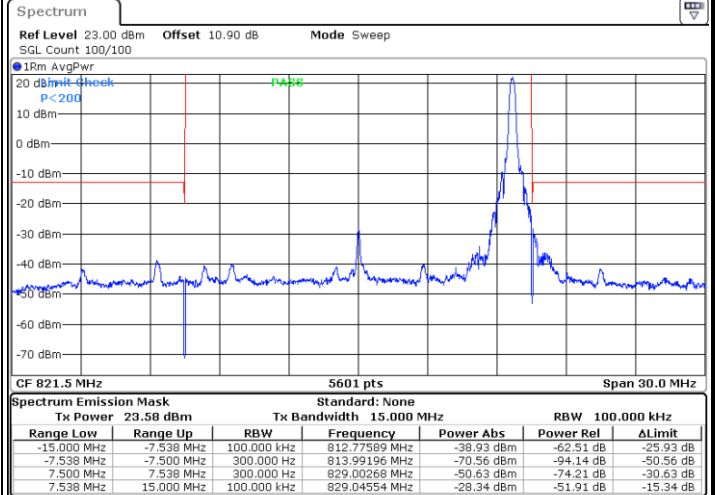
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



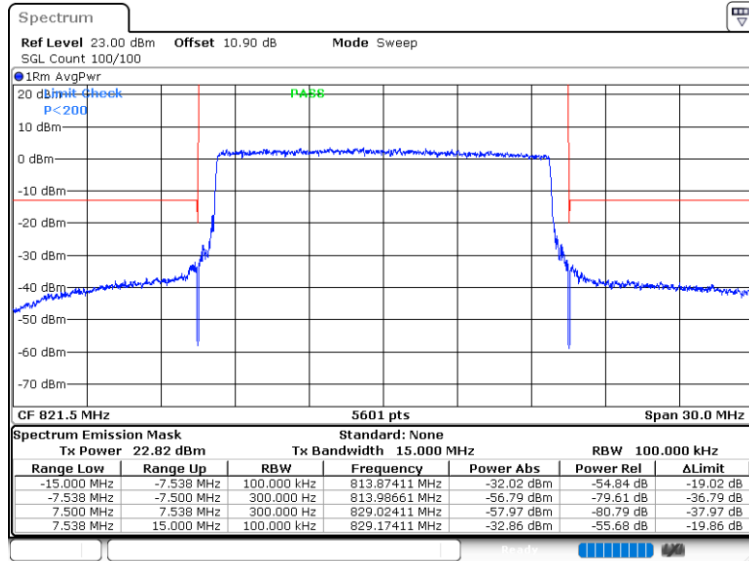
Date: 18.OCT.2022 01:09:00

Highest Band Edge / 1 RB



Date: 18.OCT.2022 01:11:05

Lowest Band Edge / Full RB

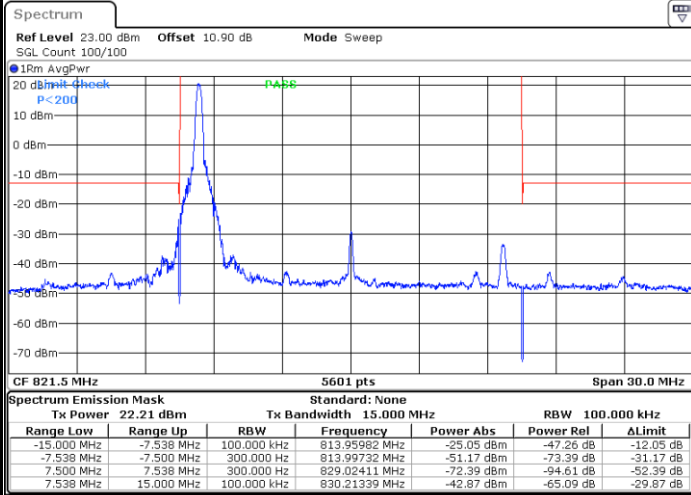


Date: 18.OCT.2022 01:13:10



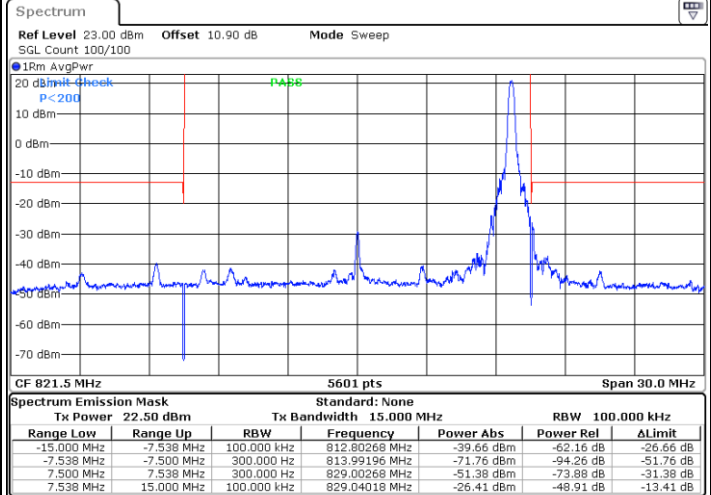
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



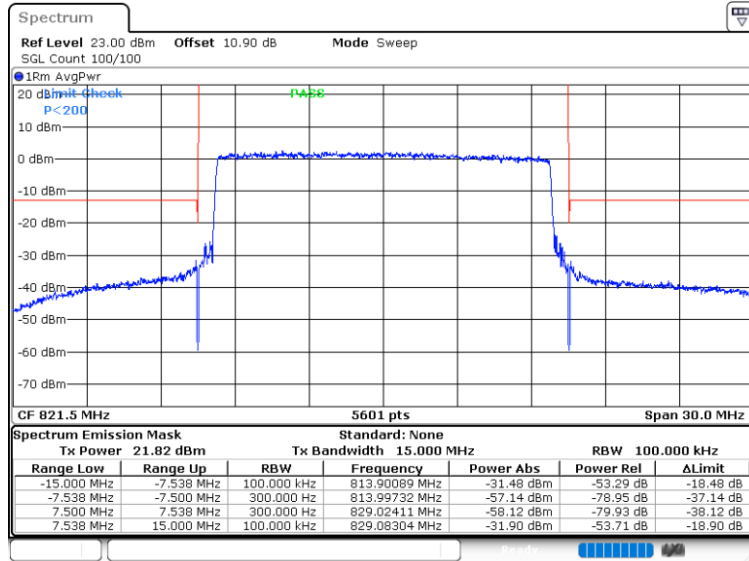
Date: 18.OCT.2022 01:30:26

Highest Band Edge / 1 RB



Date: 18.OCT.2022 01:31:29

Lowest Band Edge / Full RB

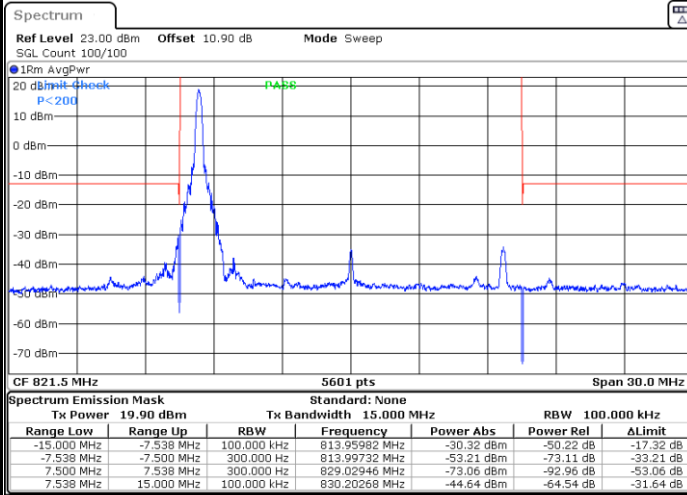


Date: 18.OCT.2022 01:32:31



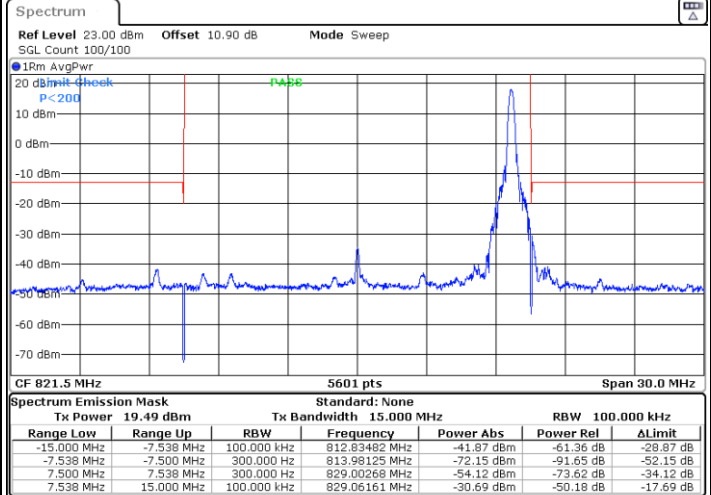
LTE Band 26 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



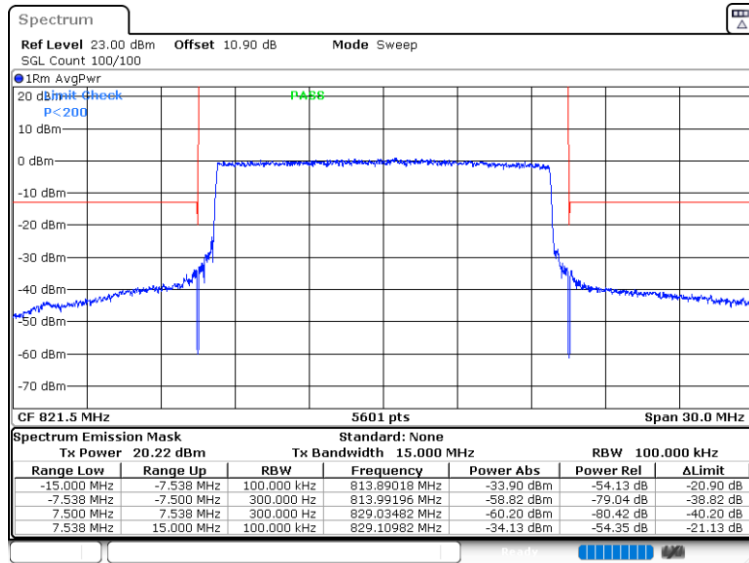
Date: 18.OCT.2022 23:03:44

Highest Band Edge / 1 RB



Date: 18.OCT.2022 23:00:20

Lowest Band Edge / Full RB

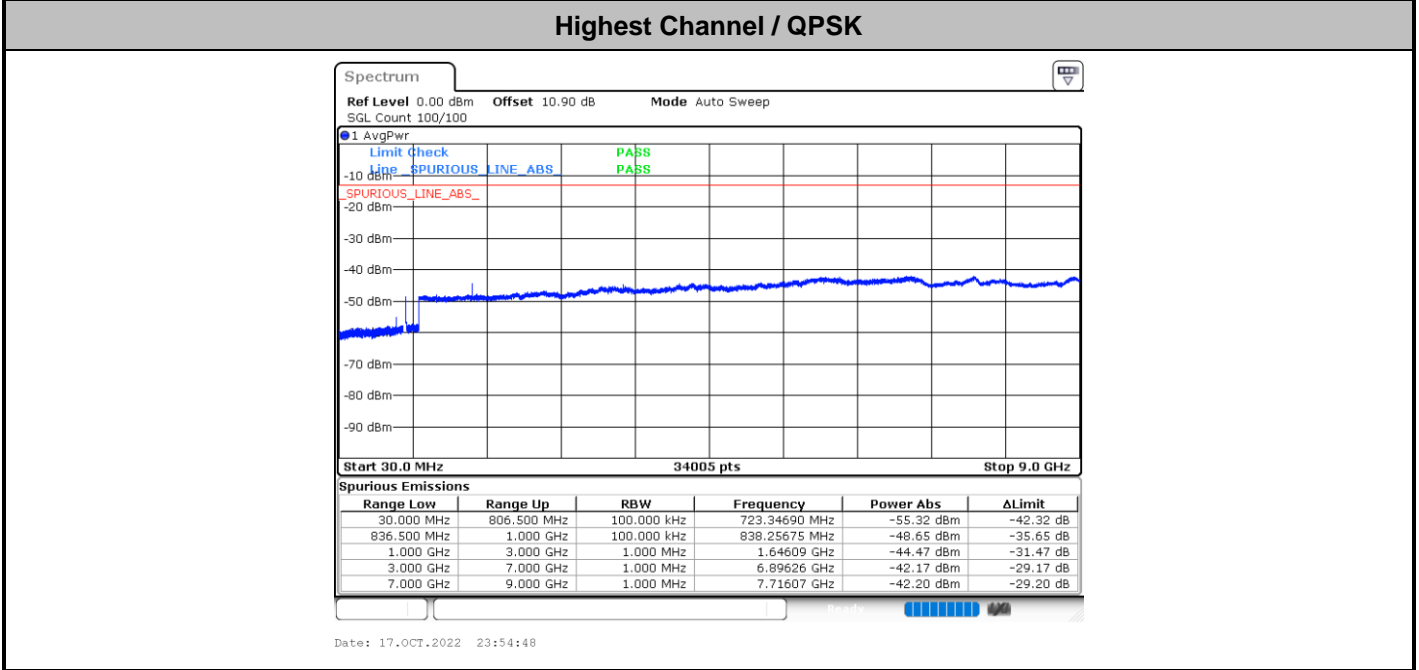
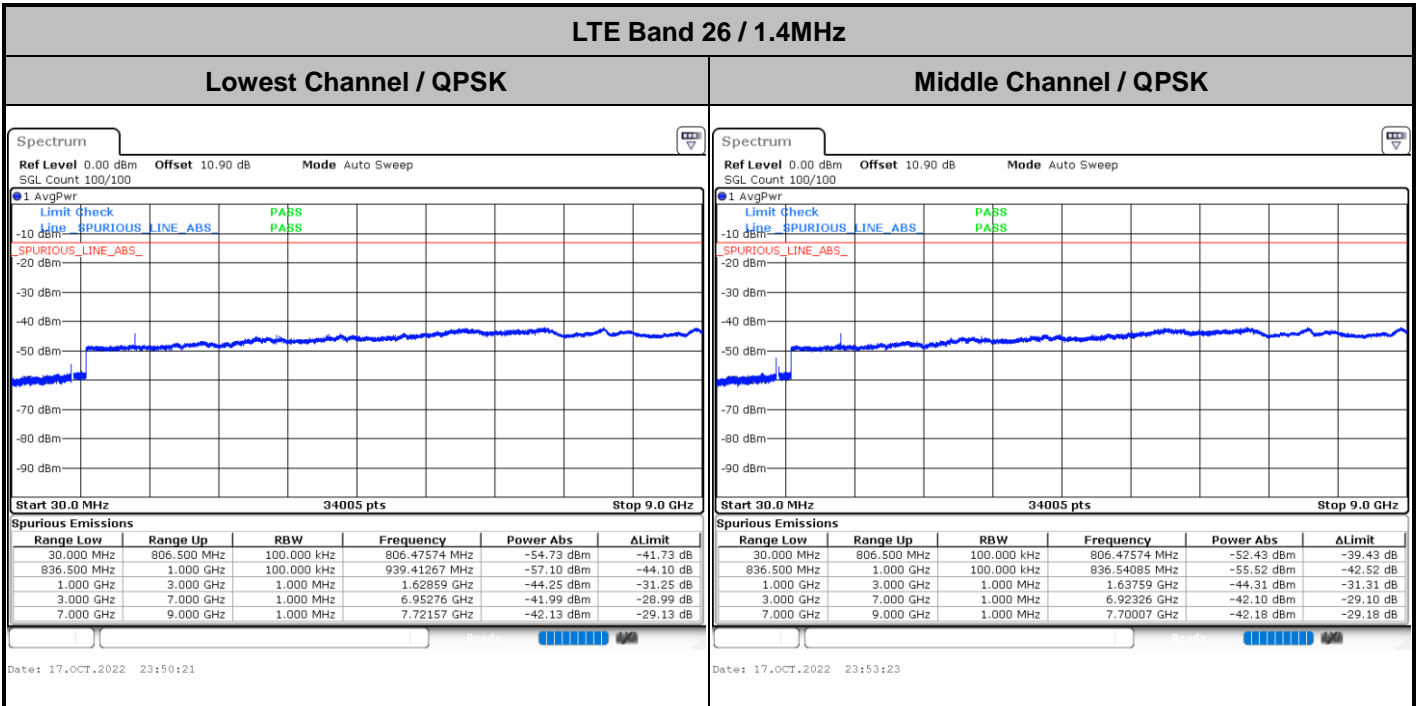


Date: 18.OCT.2022 23:18:28





### Emission masks – Out of band emissions

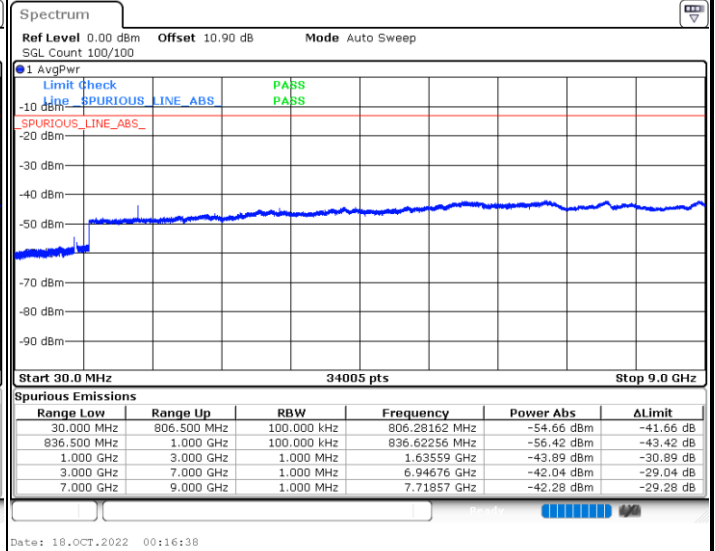
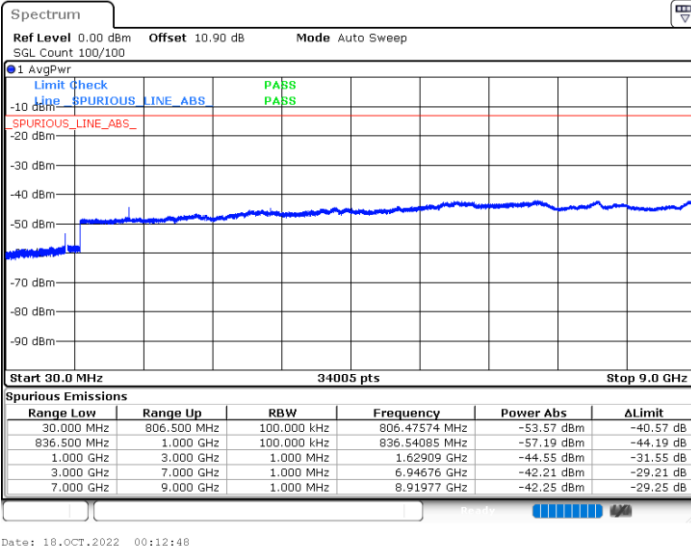




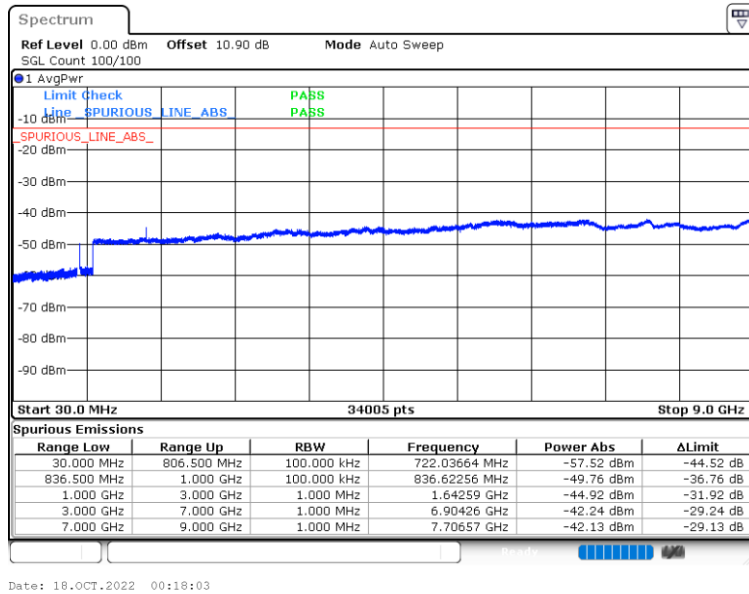
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

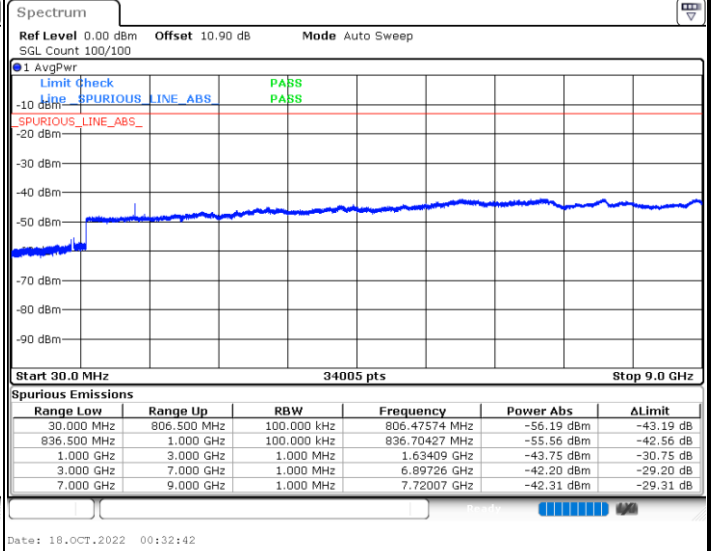
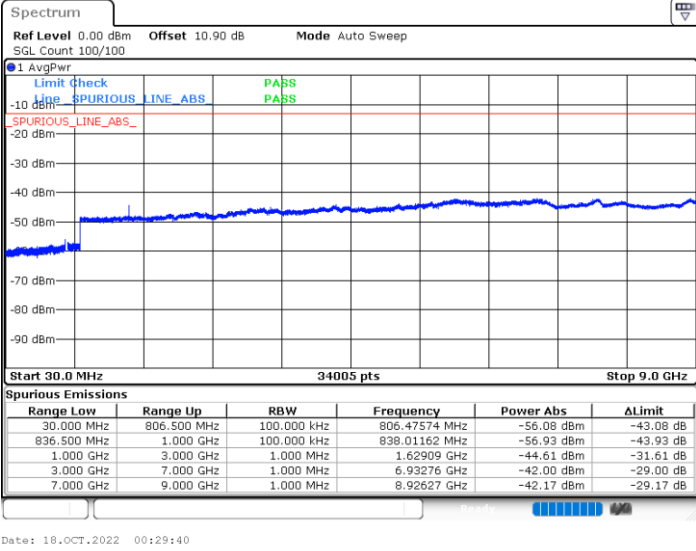




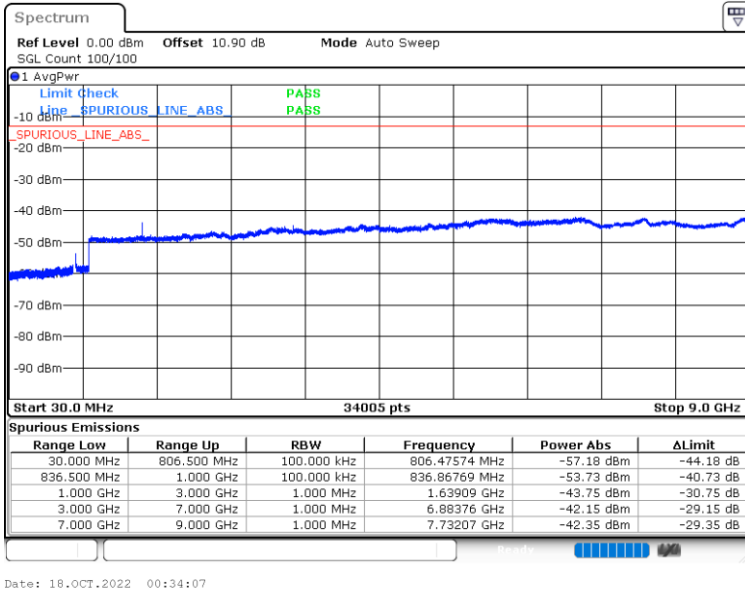
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



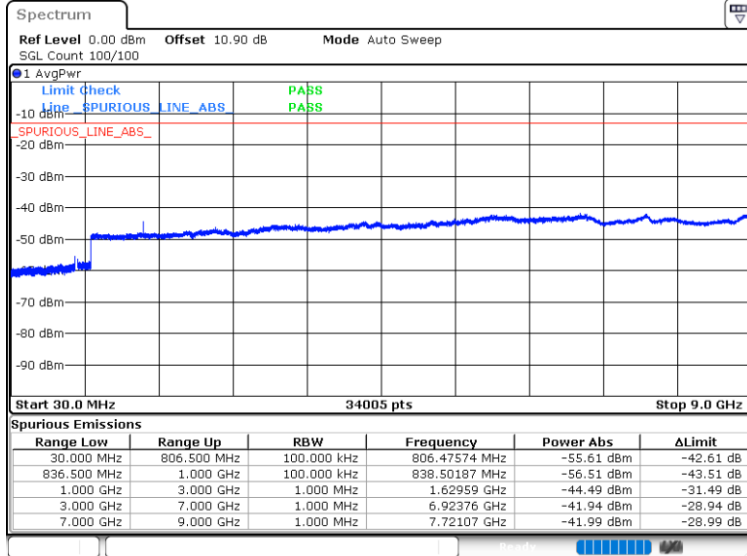
Highest Channel / QPSK





LTE Band 26 / 10MHz

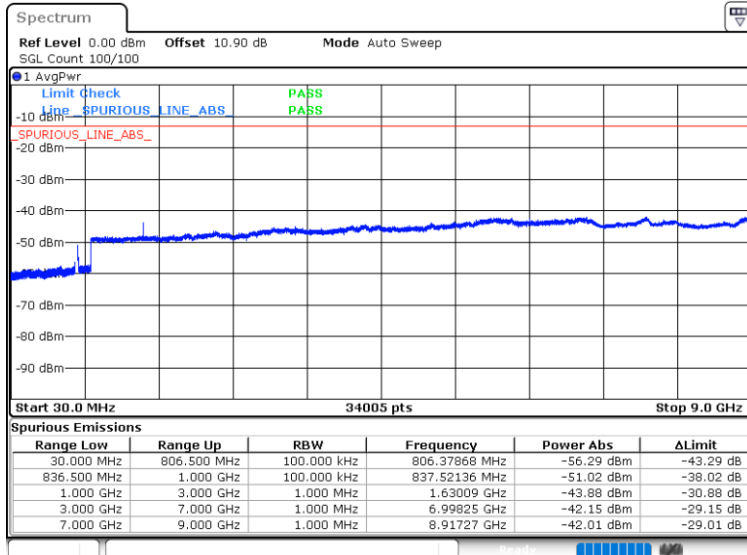
Middle Channel / QPSK



Date: 18.OCT.2022 00:54:26

LTE Band 26 / 15MHz

Middle Channel / QPSK



Date: 18.OCT.2022 01:36:21



### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0096	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0150	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0145	

**Note:**

- 1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.60 V. ; Maximum Voltage = 4.45 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0135	PASS
40	Normal Voltage	0.0060	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0105	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0056	

**Note:**

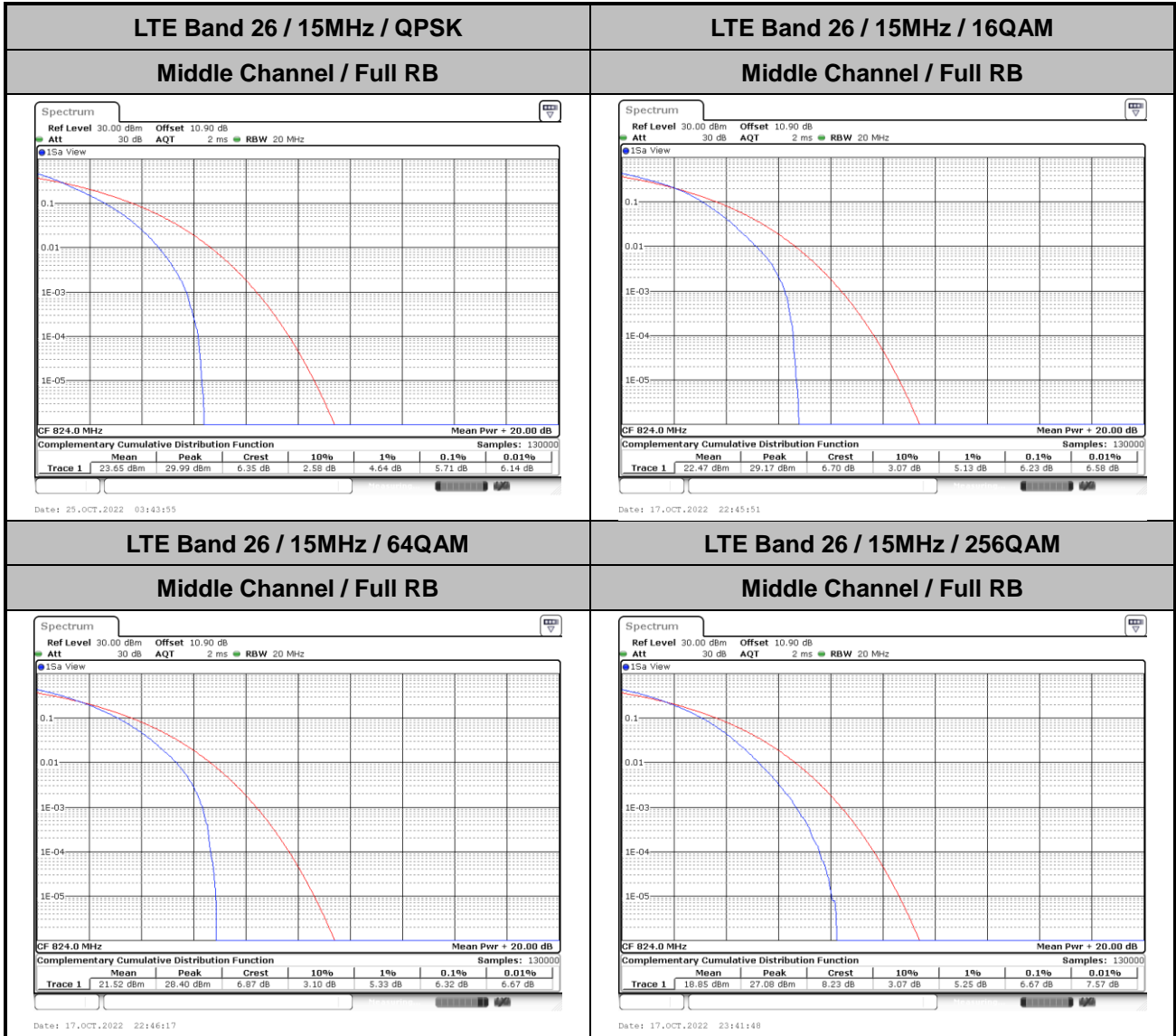
1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.60 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 26\_824MHz

### Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.71	6.23	6.32	6.67	PASS







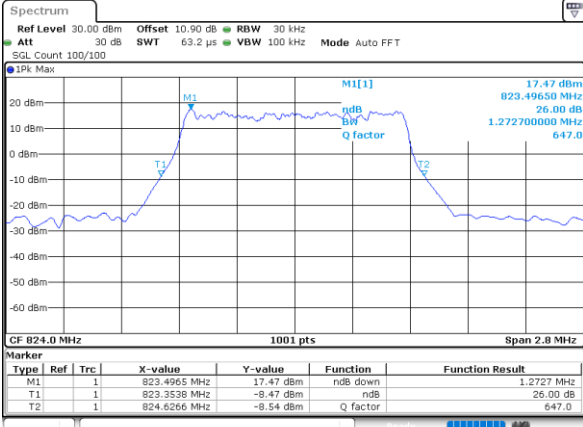
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.31	3.13	3.07	5.22	5.18	10.21	10.23	14.84	14.33	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.29	1.31	3.11	3.12	5.13	5.22	10.43	10.09	14.75	14.96	-	-



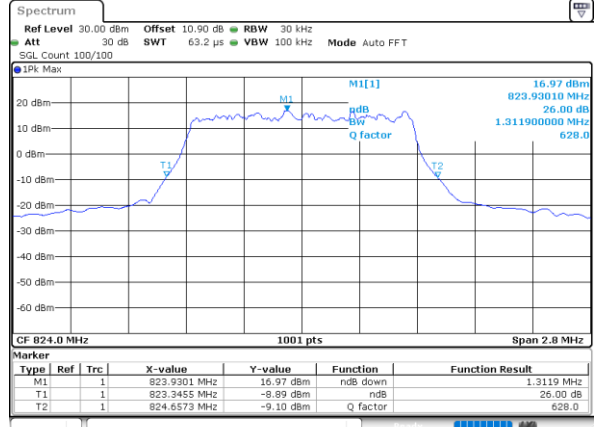
LTE Band 26

Middle Channel / 1.4MHz / QPSK



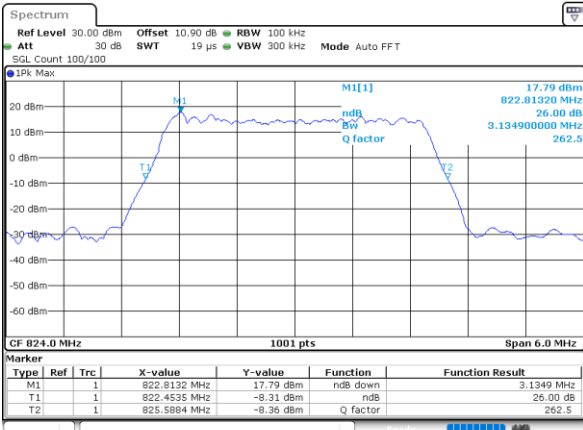
Date: 15.OCT.2022 00:14:33

Middle Channel / 1.4MHz / 16QAM



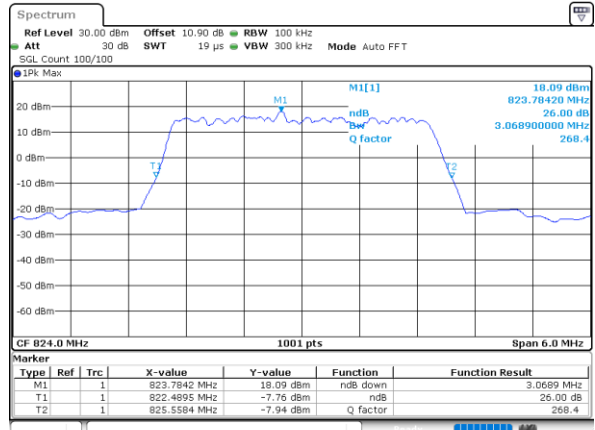
Date: 15.OCT.2022 00:15:00

Middle Channel / 3MHz / QPSK



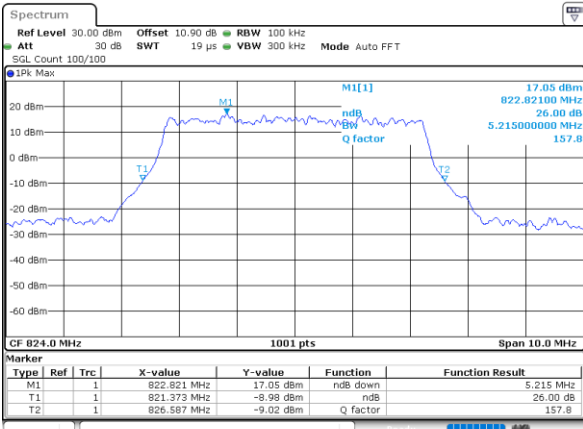
Date: 15.OCT.2022 00:23:06

Middle Channel / 3MHz / 16QAM



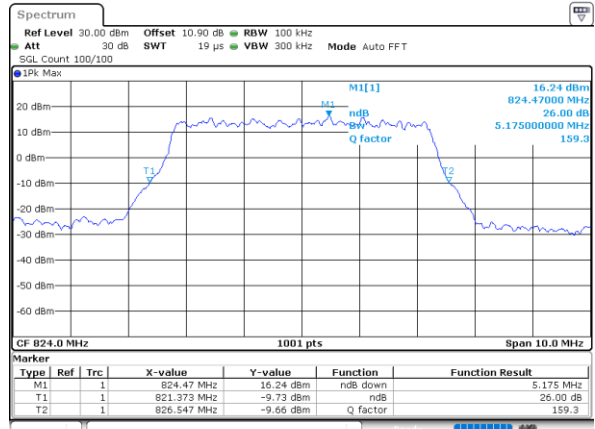
Date: 15.OCT.2022 00:23:30

Middle Channel / 5MHz / QPSK



Date: 17.OCT.2022 22:29:20

Middle Channel / 5MHz / 16QAM

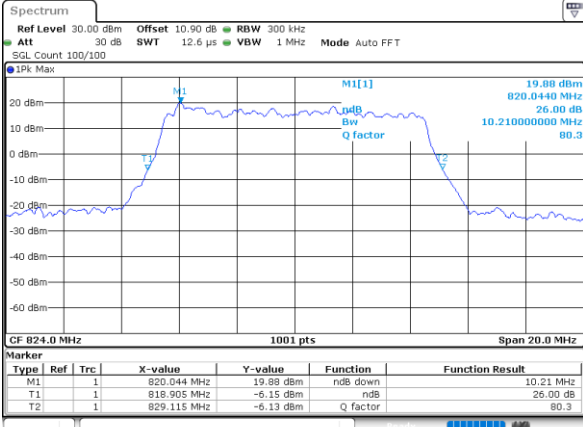


Date: 17.OCT.2022 22:29:44



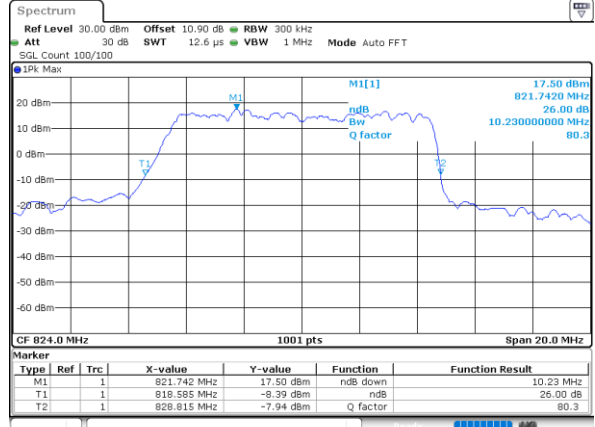
LTE Band 26

Middle Channel / 10MHz / QPSK



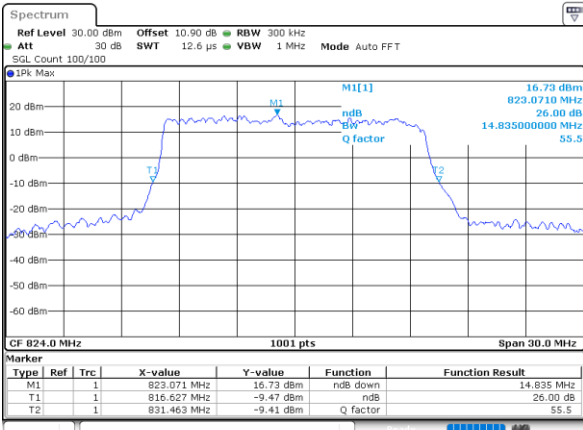
Date: 17.OCT.2022 22:35:57

Middle Channel / 10MHz / 16QAM



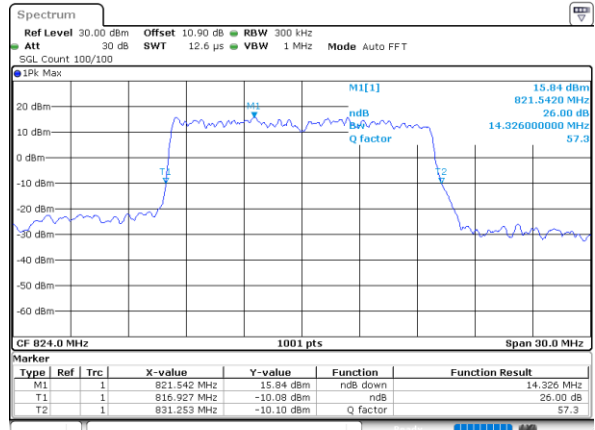
Date: 17.OCT.2022 22:36:21

Middle Channel / 15MHz / QPSK



Date: 17.OCT.2022 22:43:21

Middle Channel / 15MHz / 16QAM

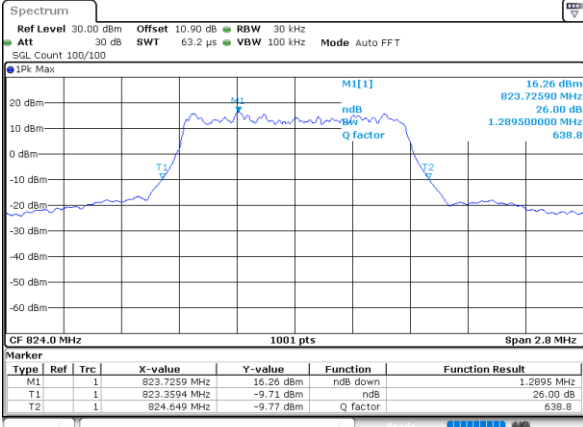


Date: 17.OCT.2022 22:43:45



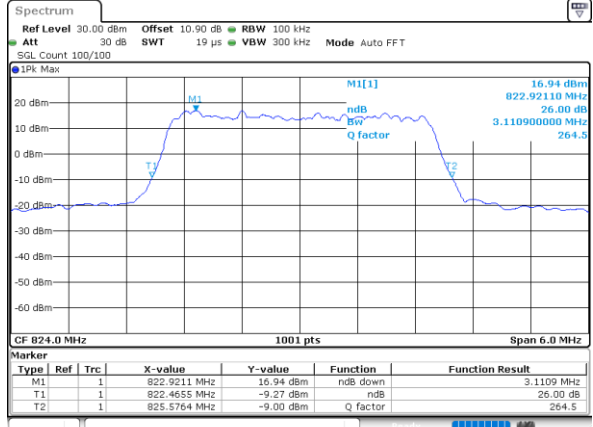
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



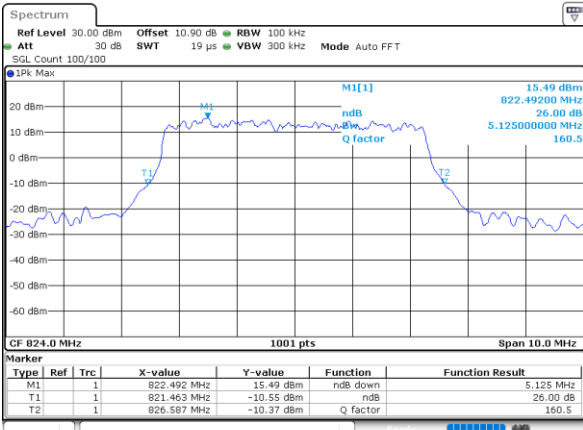
Date: 15.OCT.2022 00:15:54

Middle Channel / 3MHz / 64QAM



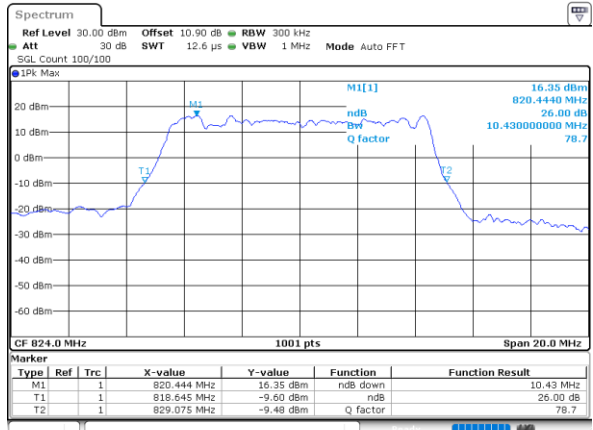
Date: 15.OCT.2022 00:24:42

Middle Channel / 5MHz / 64QAM



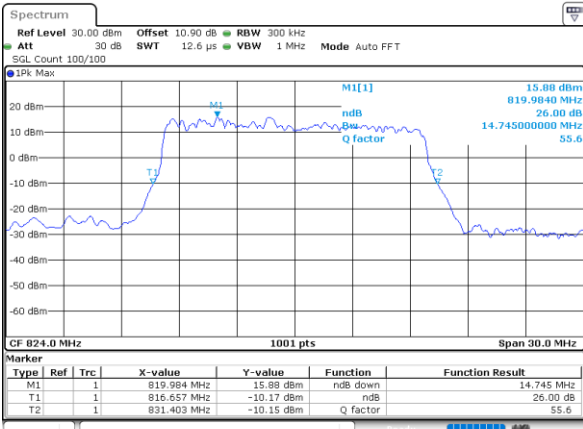
Date: 17.OCT.2022 22:30:56

Middle Channel / 10MHz / 64QAM



Date: 17.OCT.2022 22:37:34

Middle Channel / 15MHz / 64QAM



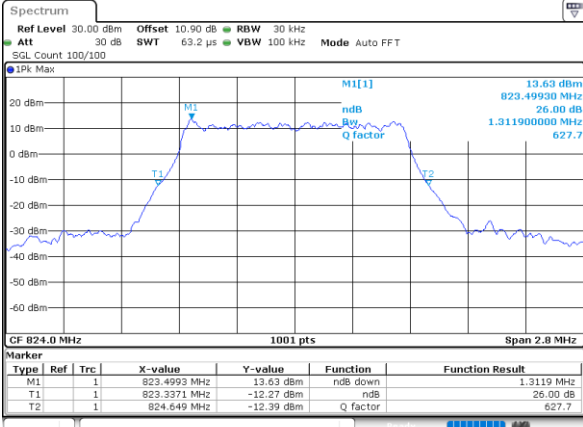
Date: 17.OCT.2022 22:44:57

N/A



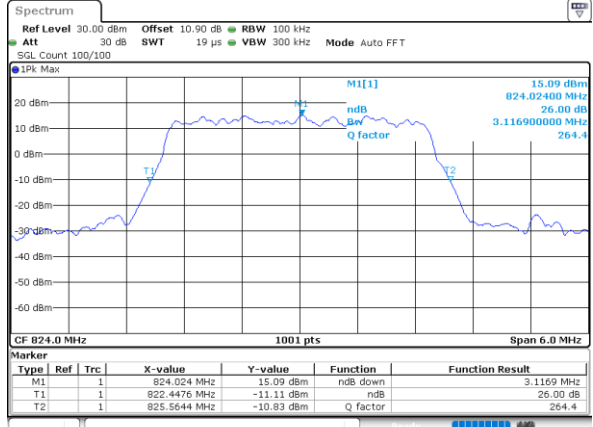
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



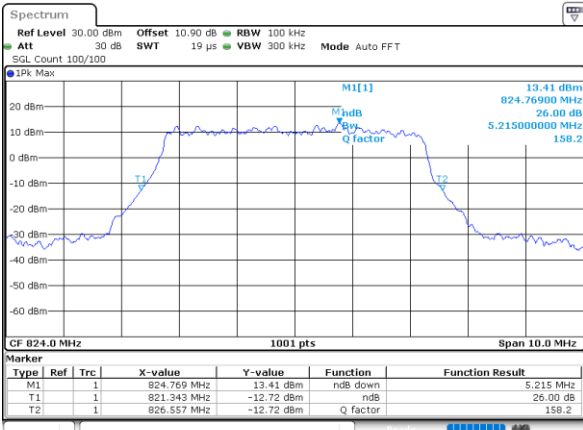
Date: 17.OCT.2022 23:20:33

Middle Channel / 3MHz / 256QAM



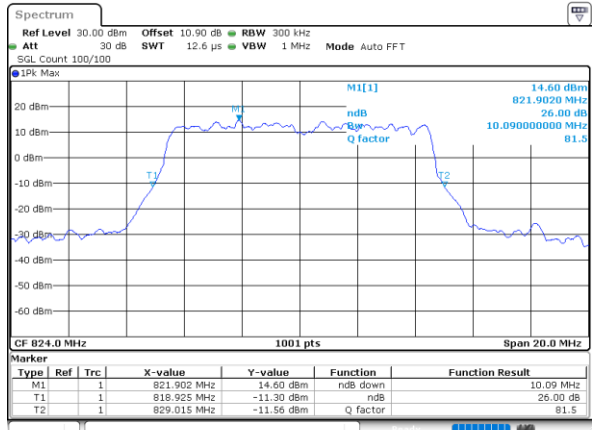
Date: 17.OCT.2022 23:28:09

Middle Channel / 5MHz / 256QAM



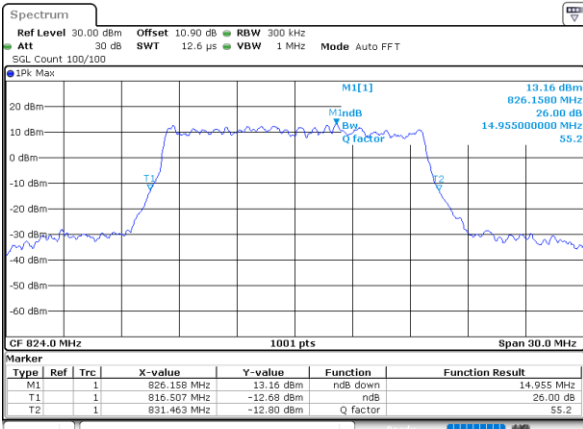
Date: 17.OCT.2022 23:31:14

Middle Channel / 10MHz / 256QAM



Date: 17.OCT.2022 23:35:00

Middle Channel / 15MHz / 256QAM



Date: 17.OCT.2022 23:41:19

N/A



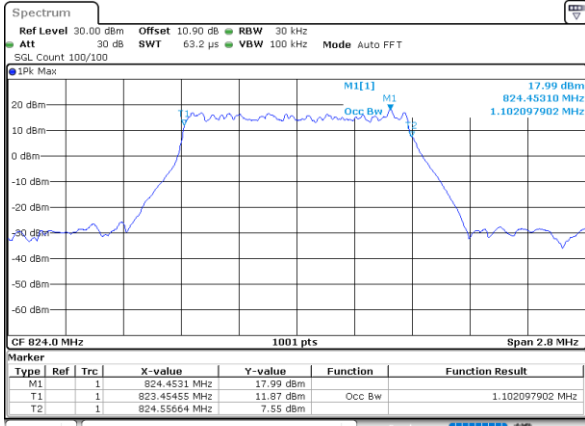
Occupied Bandwidth

Mode	LTE Band 26 : 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	1.10	1.11	2.73	2.72	4.49	4.55	9.03	9.03	13.46	13.40	-	-
Mode	LTE Band 26 : 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	1.09	1.10	2.72	2.72	4.49	4.50	9.09	9.07	13.43	13.43	-	-



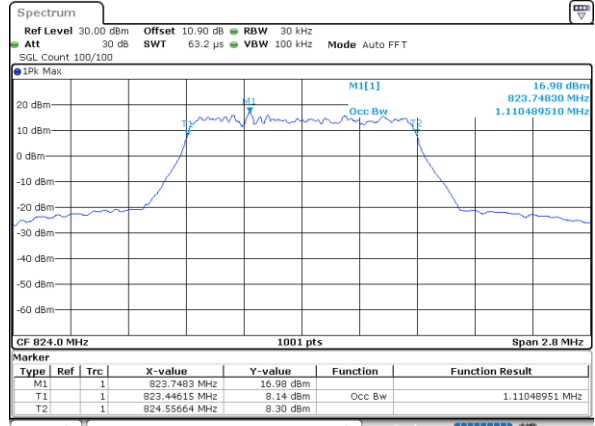
LTE Band 26

Middle Channel / 1.4MHz / QPSK



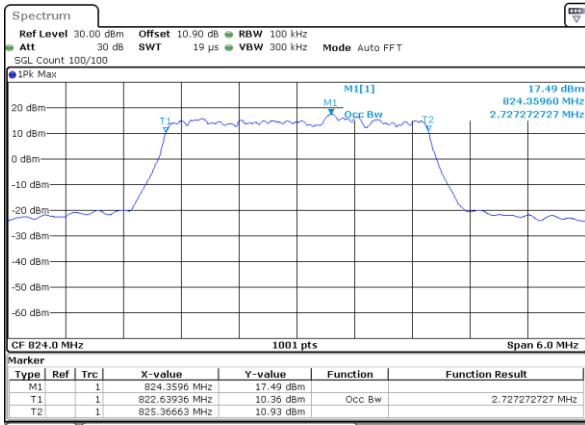
Date: 15.OCT.2022 00:14:19

Middle Channel / 1.4MHz / 16QAM



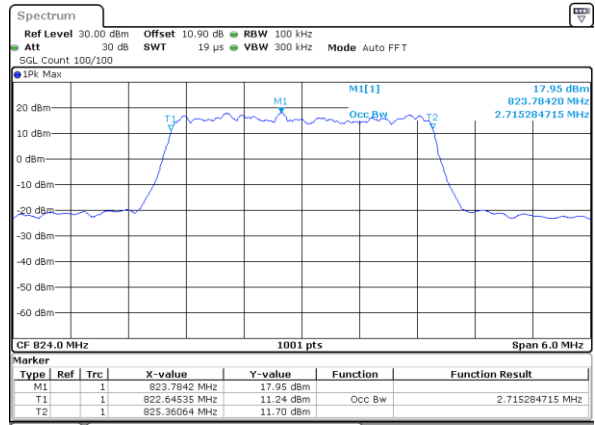
Date: 15.OCT.2022 00:15:14

Middle Channel / 3MHz / QPSK



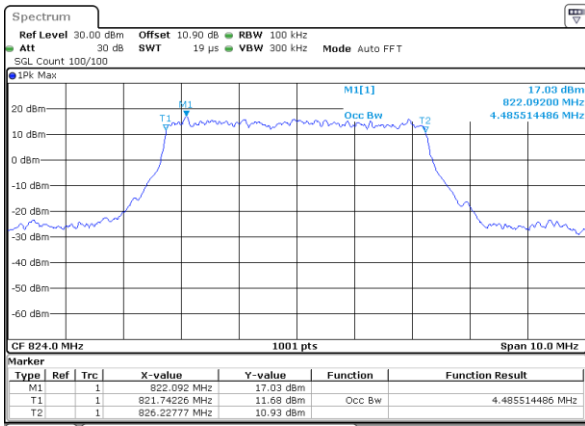
Date: 15.OCT.2022 00:22:42

Middle Channel / 3MHz / 16QAM



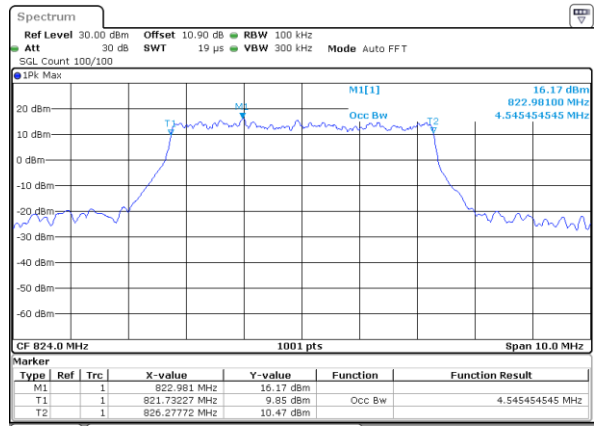
Date: 15.OCT.2022 00:23:54

Middle Channel / 5MHz / QPSK



Date: 17.OCT.2022 22:28:56

Middle Channel / 5MHz / 16QAM

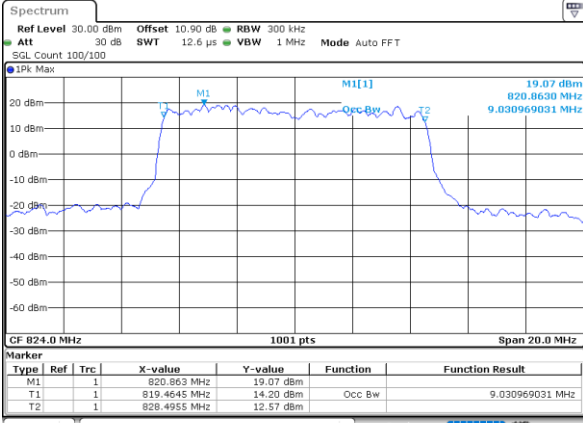


Date: 17.OCT.2022 22:30:08



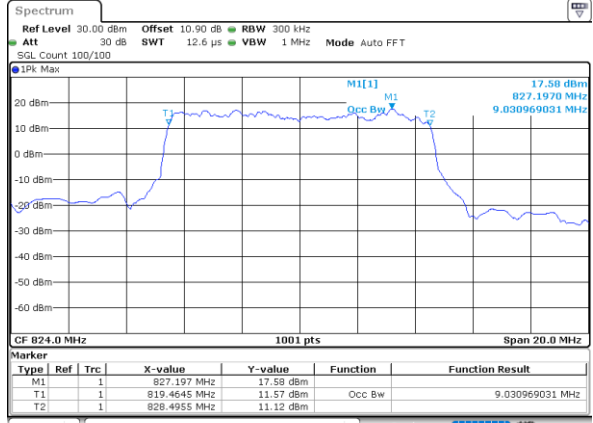
LTE Band 26

Middle Channel / 10MHz / QPSK



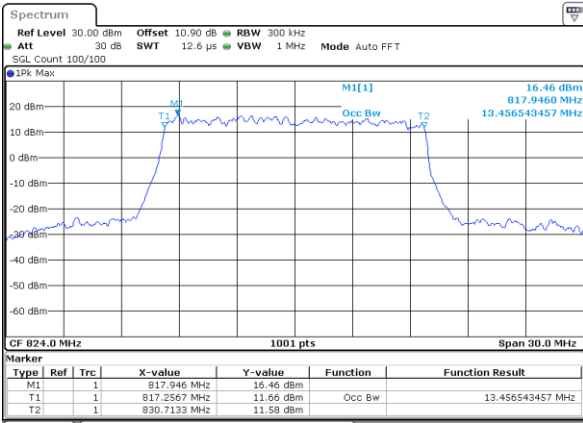
Date: 17.OCT.2022 22:35:33

Middle Channel / 10MHz / 16QAM



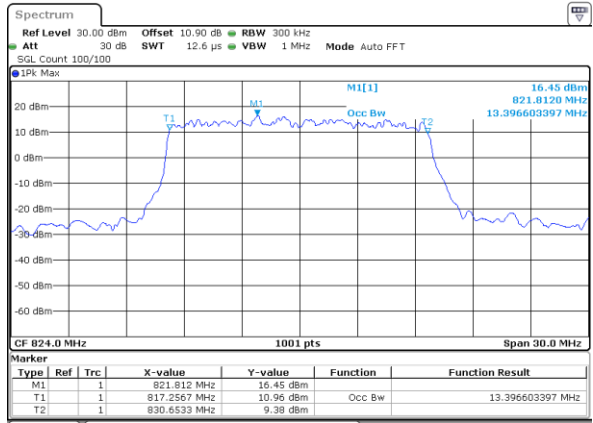
Date: 17.OCT.2022 22:36:45

Middle Channel / 15MHz / QPSK



Date: 17.OCT.2022 22:42:57

Middle Channel / 15MHz / 16QAM



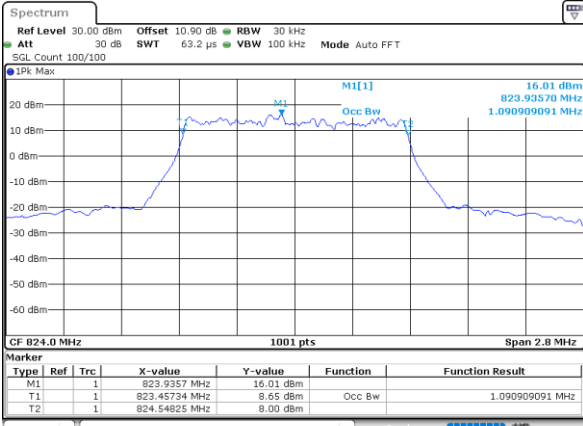
Date: 17.OCT.2022 22:44:09





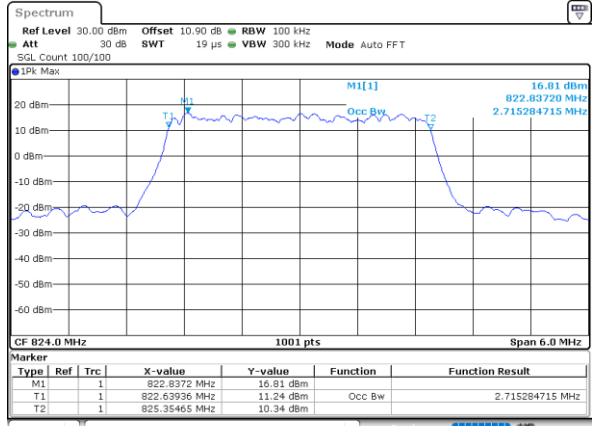
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



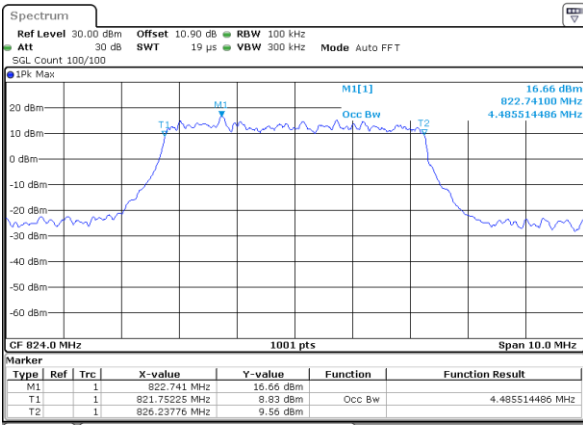
Date: 15.OCT.2022 00:15:40

Middle Channel / 3MHz / 64QAM



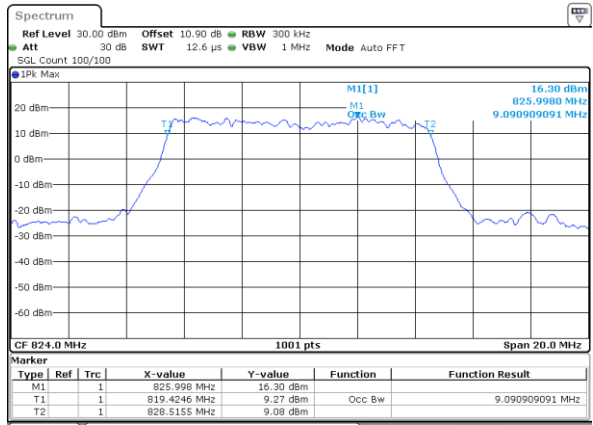
Date: 15.OCT.2022 00:24:18

Middle Channel / 5MHz / 64QAM



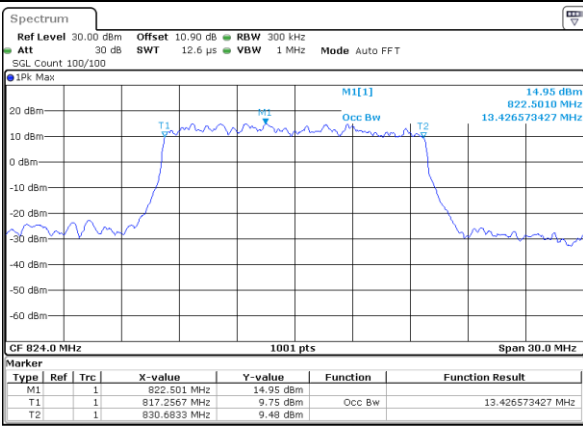
Date: 17.OCT.2022 22:38:32

Middle Channel / 10MHz / 64QAM



Date: 17.OCT.2022 22:19:10

Middle Channel / 15MHz / 64QAM



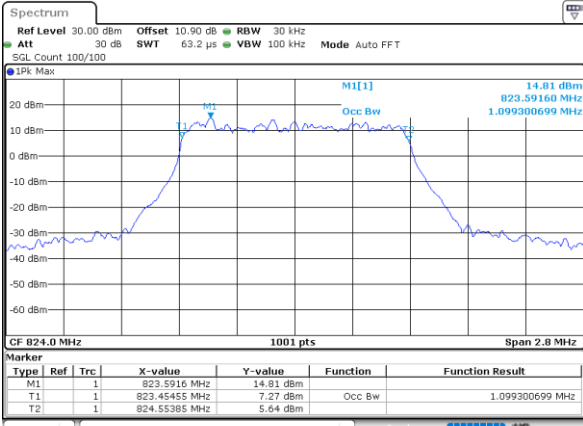
Date: 17.OCT.2022 22:44:33

N/A

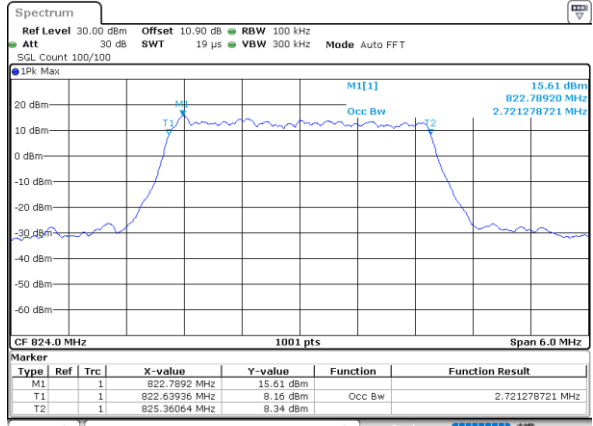


LTE Band 26

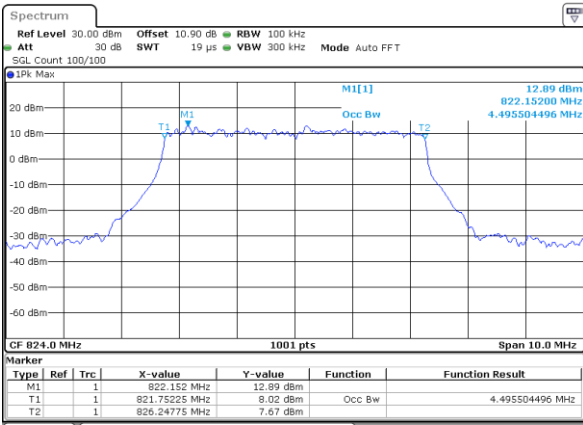
Middle Channel / 1.4MHz / 256QAM



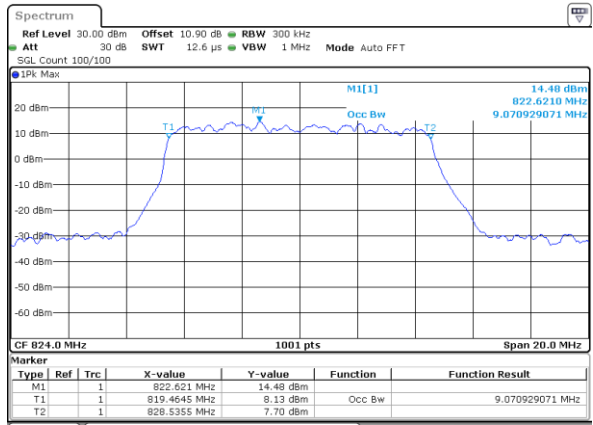
Middle Channel / 3MHz / 256QAM



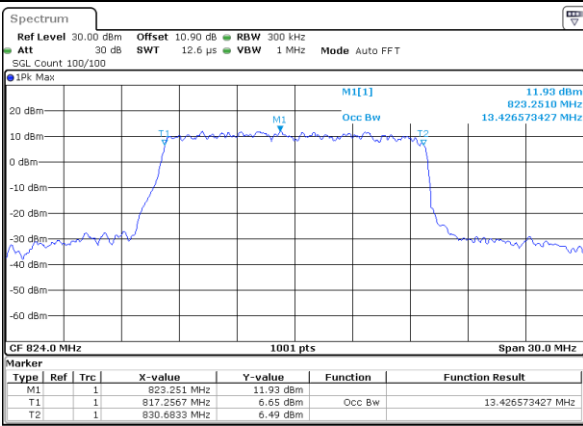
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



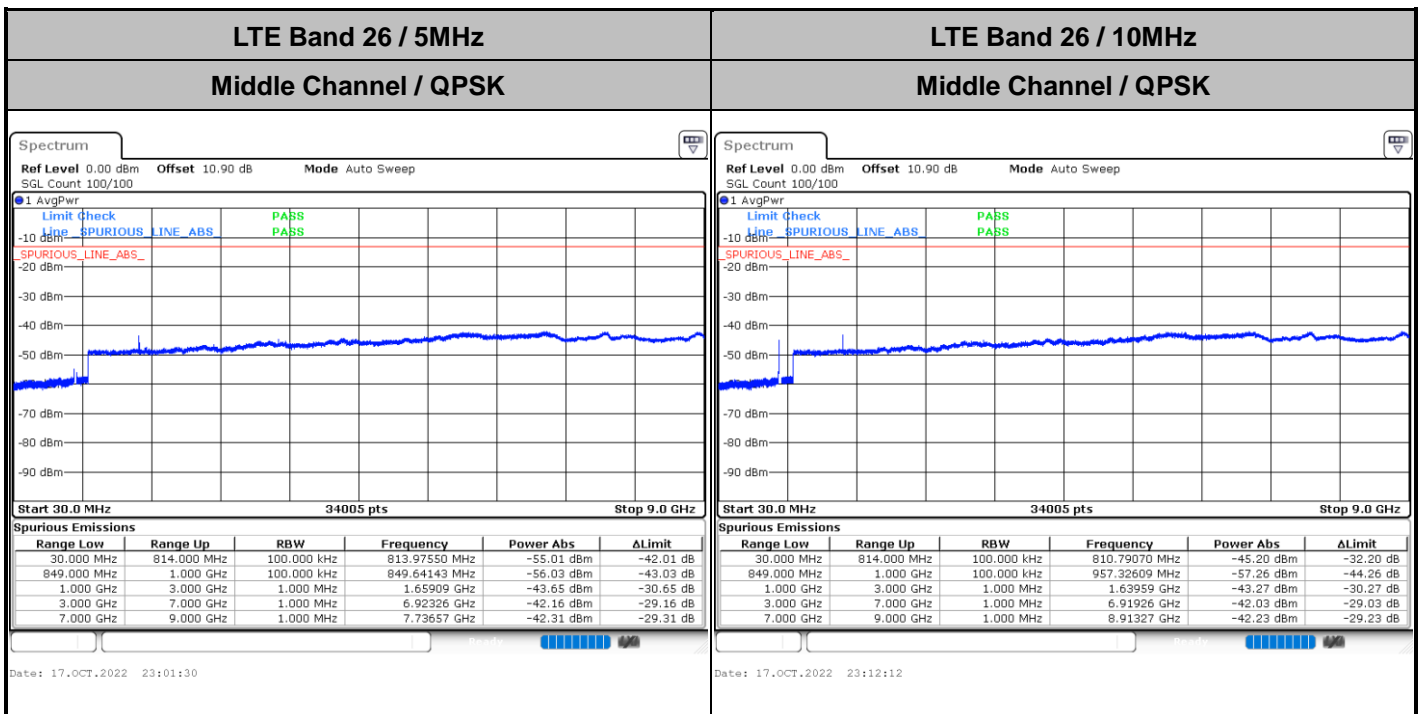
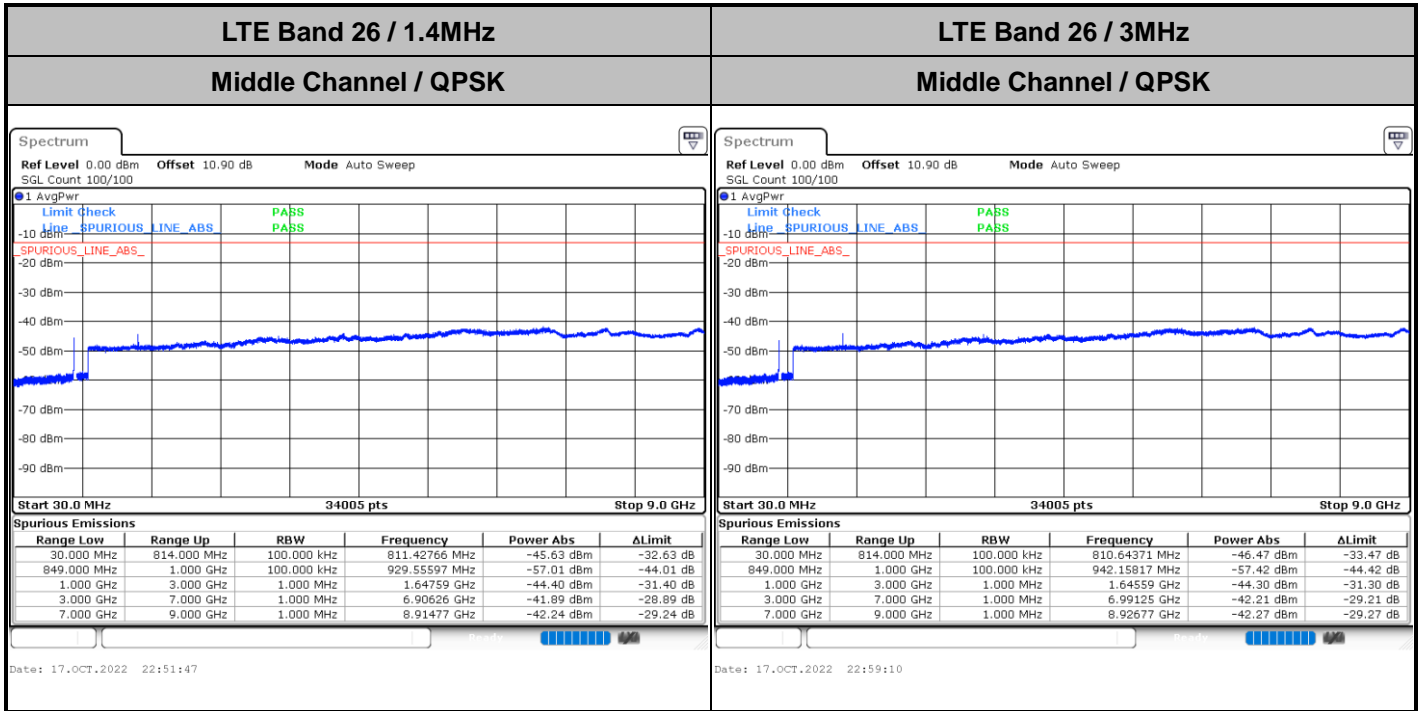
Middle Channel / 15MHz / 256QAM

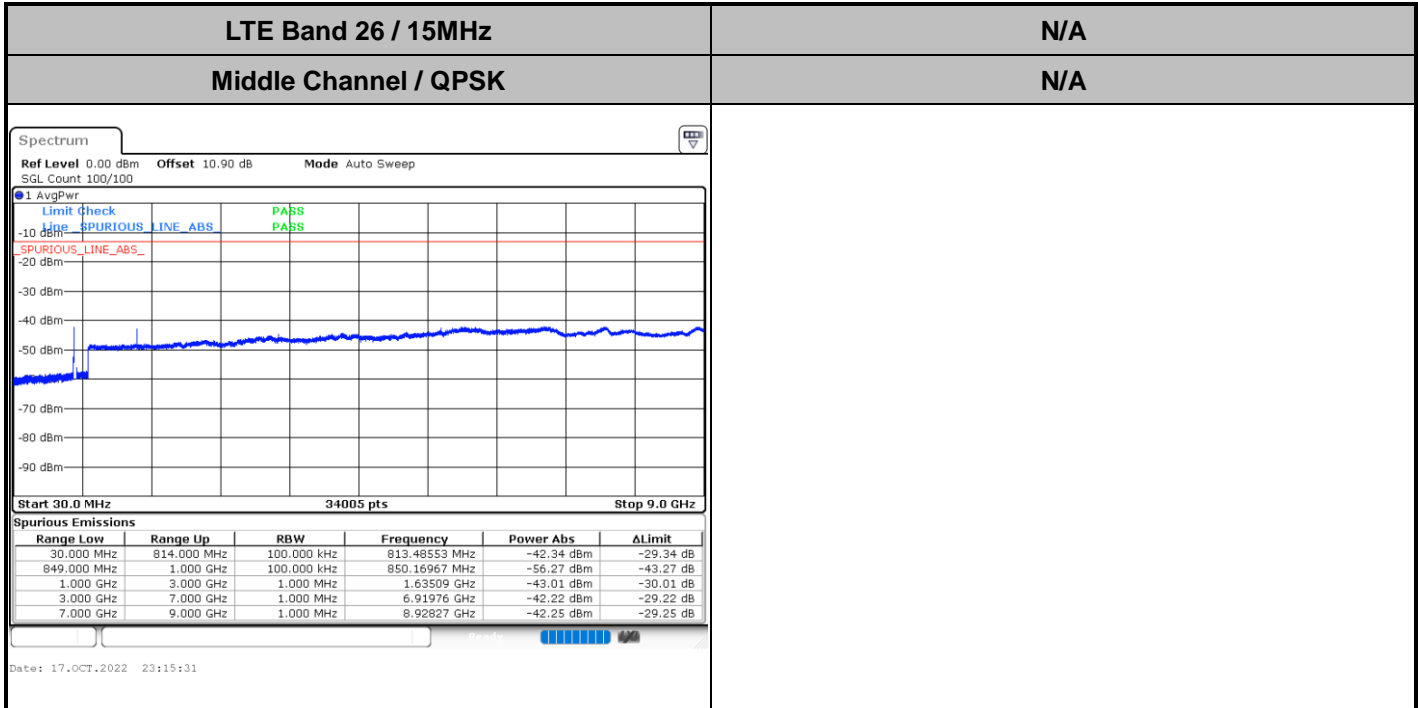


N/A



# Conducted Spurious Emission



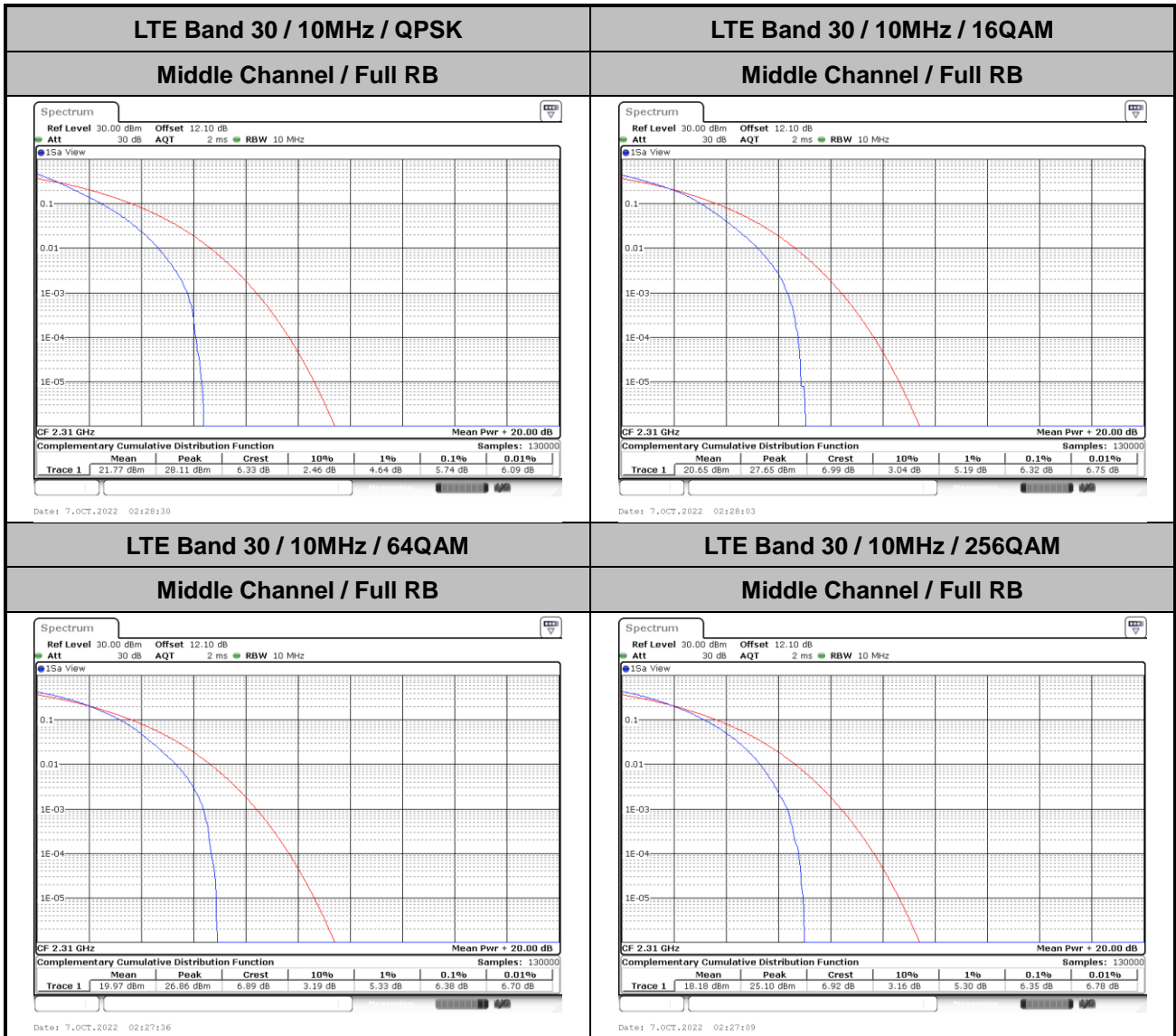




## LTE Band 30

### Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.74	6.32	6.38	6.35	PASS





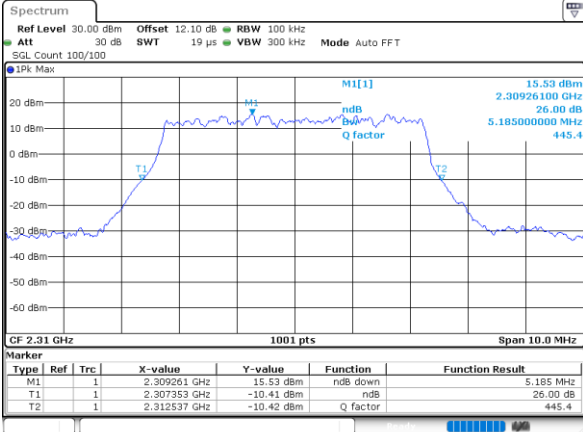
**26dB Bandwidth**

Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.19	5.26	10.15	9.99	-	-	-	-
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	5.09	5.07	10.41	10.25	-	-	-	-



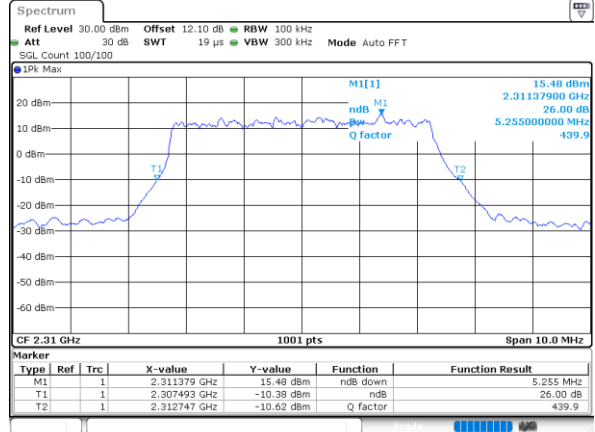
LTE Band 30

Middle Channel / 5MHz / QPSK



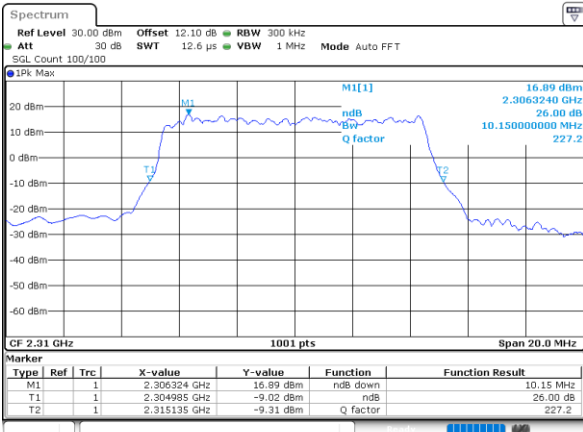
Date: 7.OCT.2022 02:18:59

Middle Channel / 5MHz / 16QAM



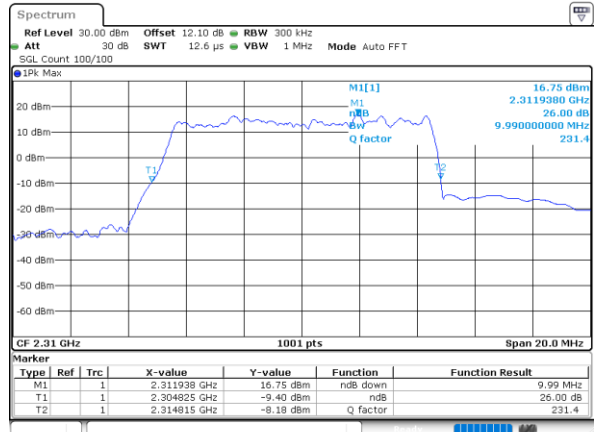
Date: 7.OCT.2022 02:19:25

Middle Channel / 10MHz / QPSK



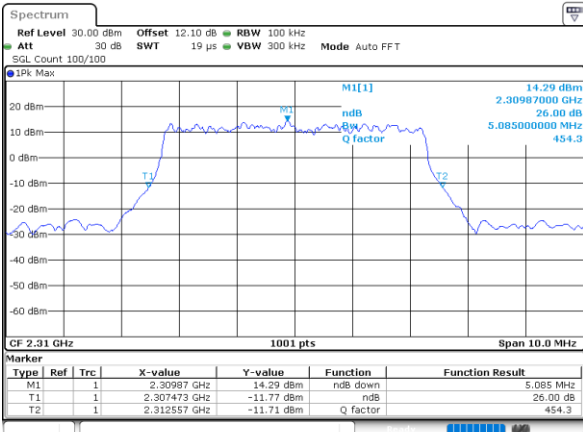
Date: 7.OCT.2022 02:21:28

Middle Channel / 10MHz / 16QAM



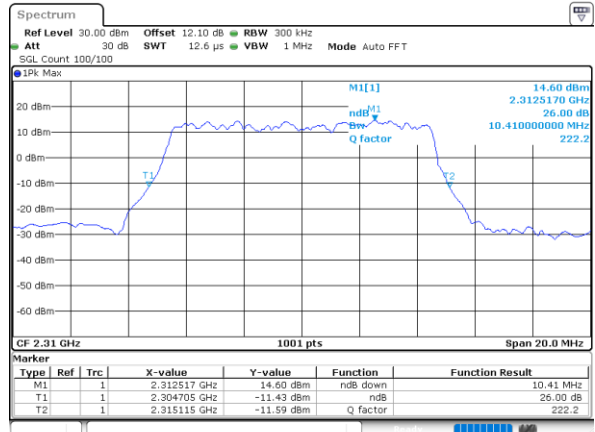
Date: 7.OCT.2022 02:21:54

Middle Channel / 5MHz / 64QAM



Date: 7.OCT.2022 02:23:58

Middle Channel / 10MHz / 64QAM



Date: 7.OCT.2022 02:26:27

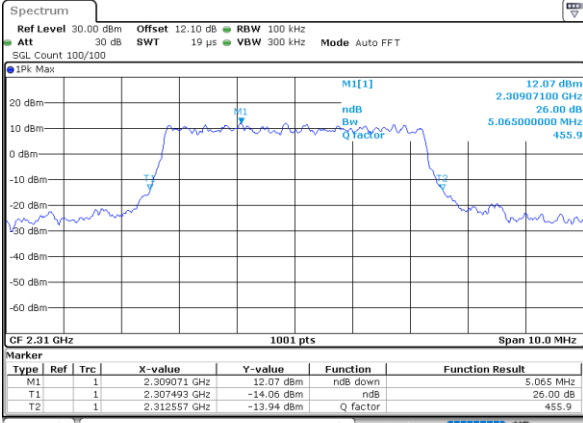




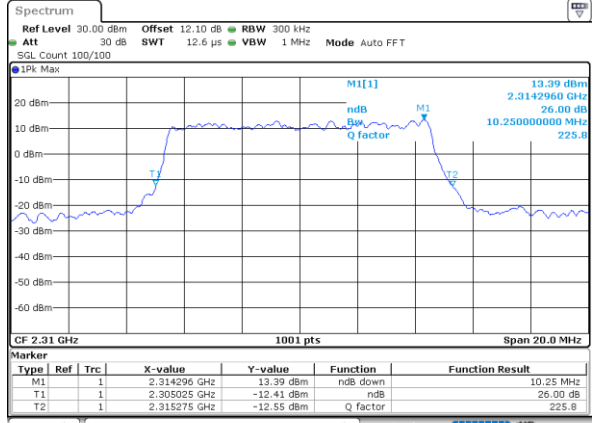
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 7.OCT.2022 02:12:24



Date: 7.OCT.2022 02:26:54



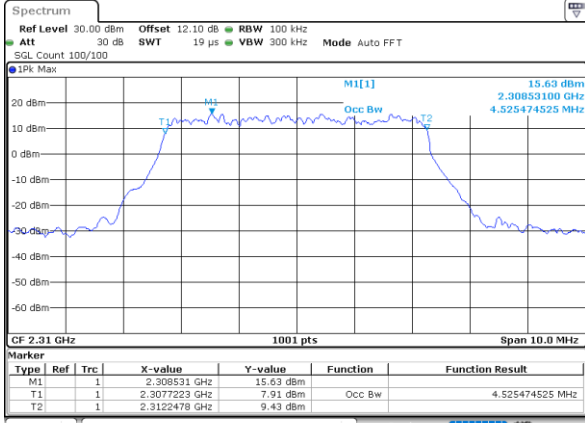
**Occupied Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	4.53	4.50	9.07	9.05	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.49	4.52	9.07	9.03	-	-	-	-



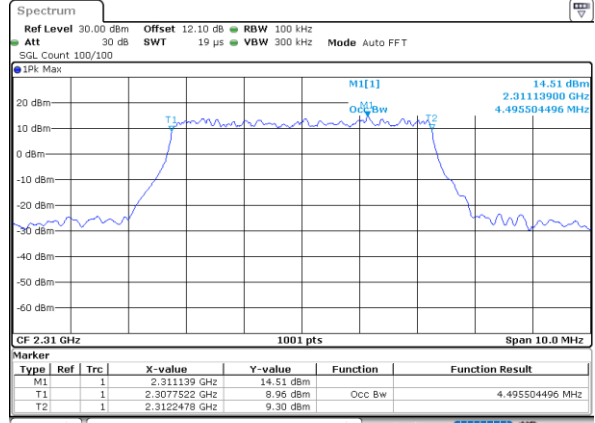
LTE Band 30

Middle Channel / 5MHz / QPSK



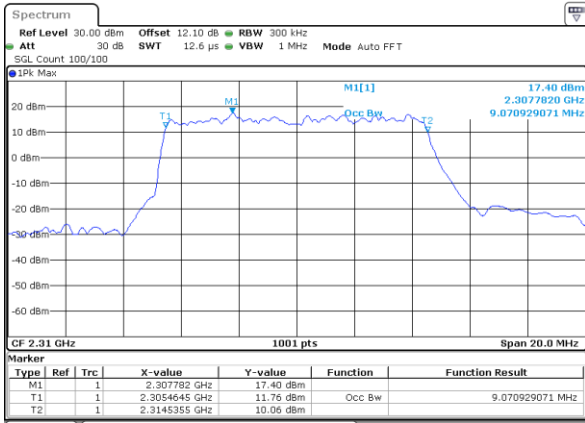
Date: 7.OCT.2022 02:18:07

Middle Channel / 5MHz / 16QAM



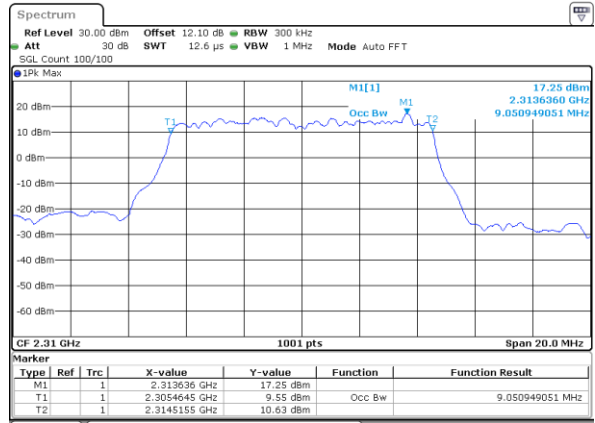
Date: 7.OCT.2022 02:18:33

Middle Channel / 10MHz / QPSK



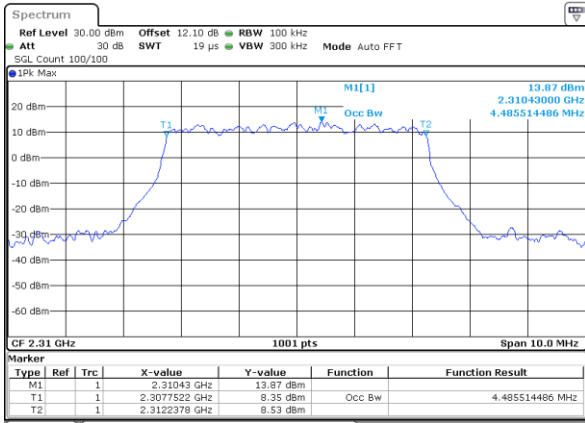
Date: 7.OCT.2022 02:20:37

Middle Channel / 10MHz / 16QAM



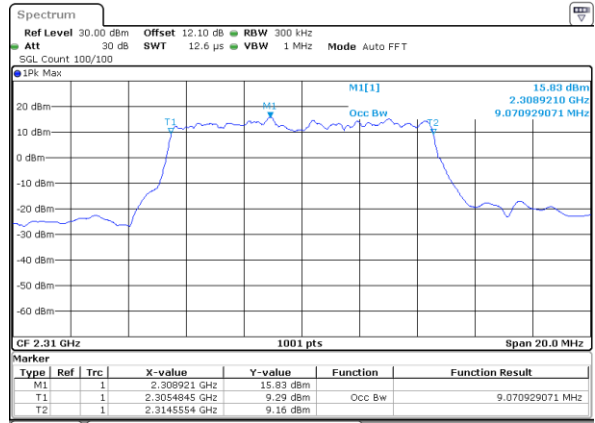
Date: 7.OCT.2022 02:21:03

Middle Channel / 5MHz / 64QAM



Date: 7.OCT.2022 02:23:06

Middle Channel / 10MHz / 64QAM



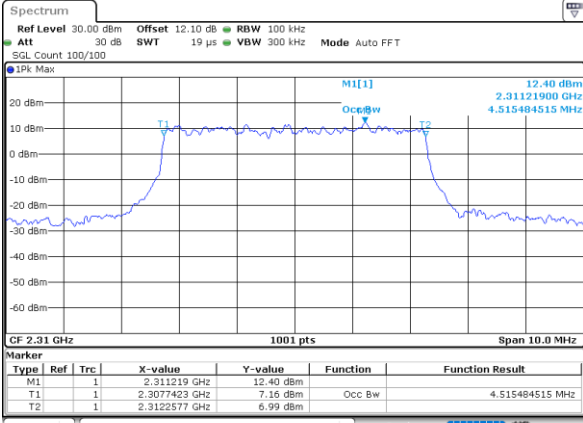
Date: 7.OCT.2022 02:25:36



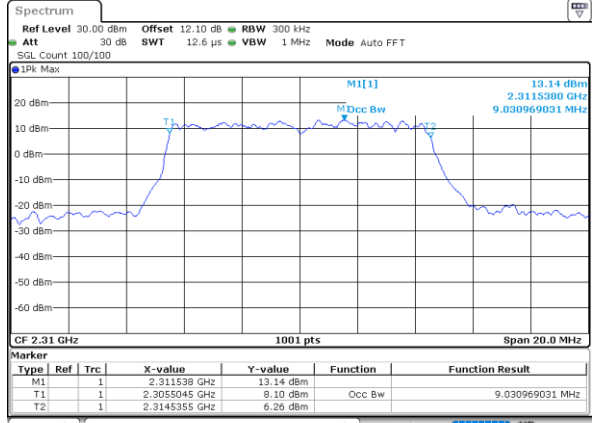
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 7.OCT.2022 02:23:32



Date: 7.OCT.2022 02:26:01

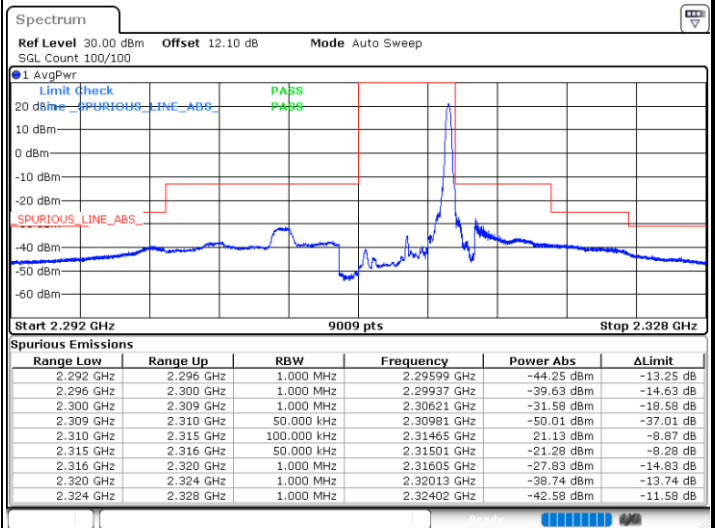
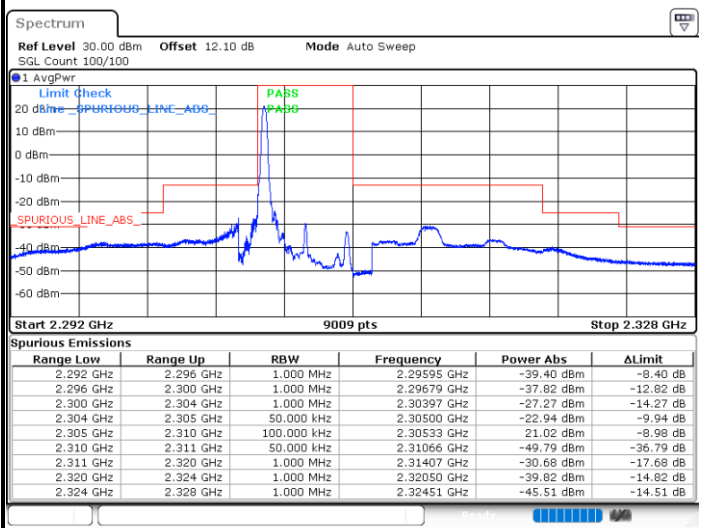


# Conducted Band Edge

## LTE Band 30 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

### Highest Band Edge / 1 RB

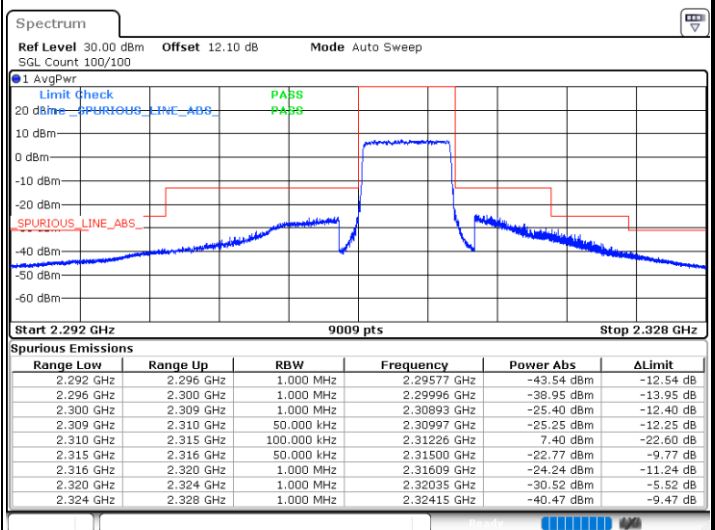
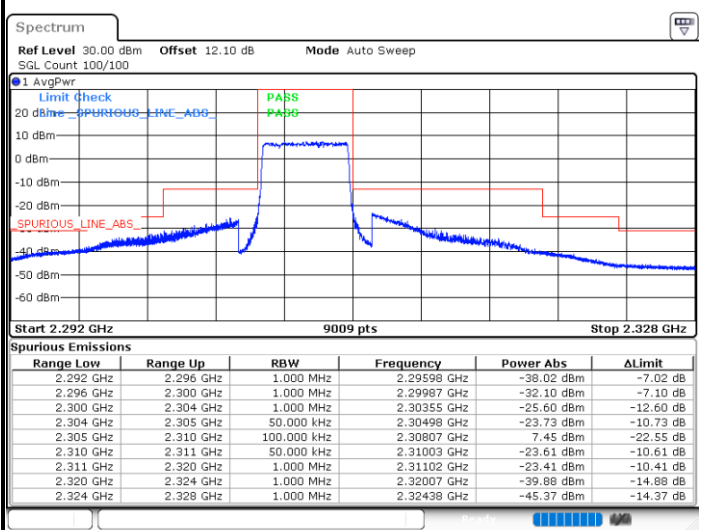


Date: 7.OCT.2022 01:51:47

Date: 7.OCT.2022 01:59:15

### Lowest Band Edge / Full RB

### Highest Band Edge / Full RB



Date: 7.OCT.2022 01:55:31

Date: 7.OCT.2022 02:03:00