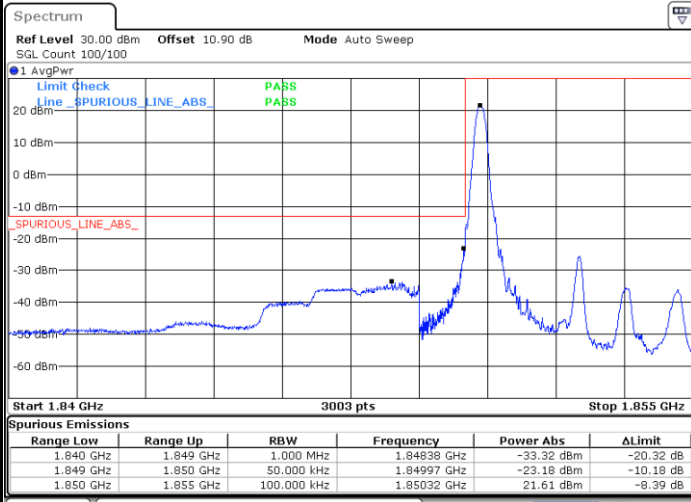




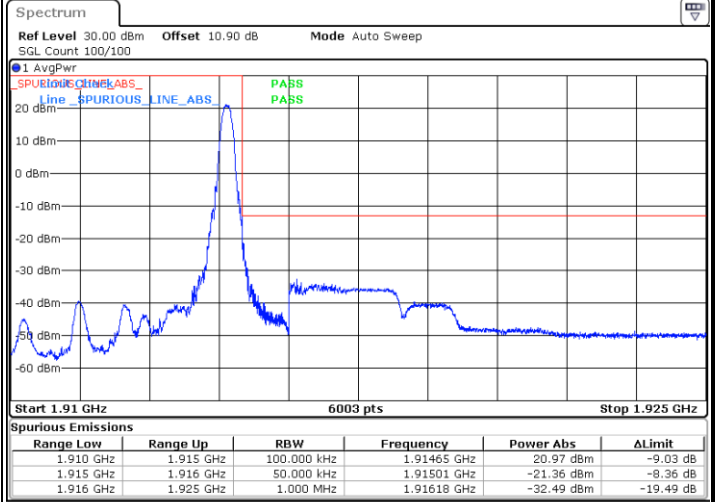
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



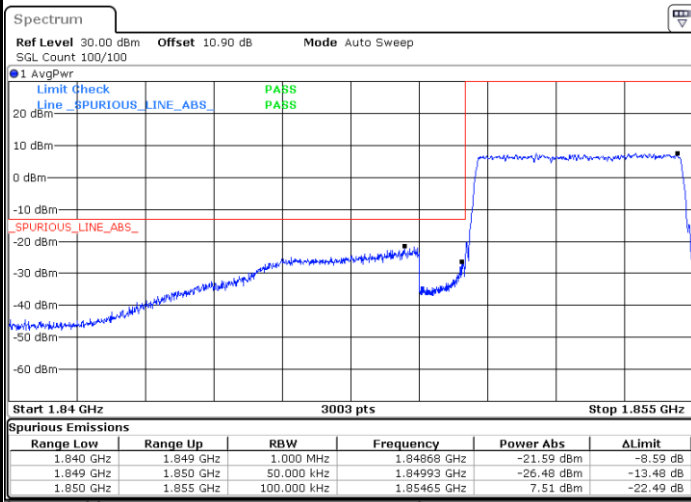
Date: 18.AUG.2022 10:28:26

Highest Band Edge / 1 RB



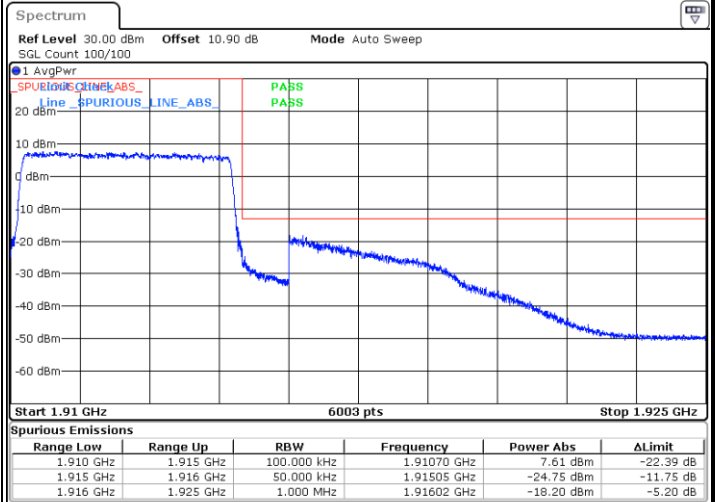
Date: 18.AUG.2022 10:40:28

Lowest Band Edge / Full RB



Date: 18.AUG.2022 10:30:34

Highest Band Edge / Full RB

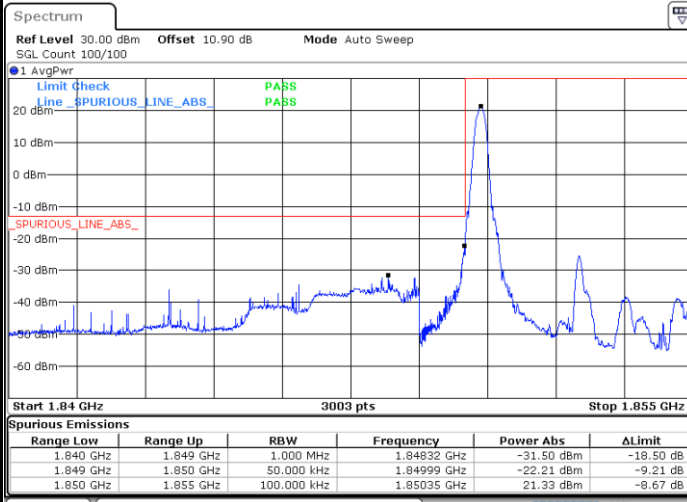


Date: 18.AUG.2022 10:37:17



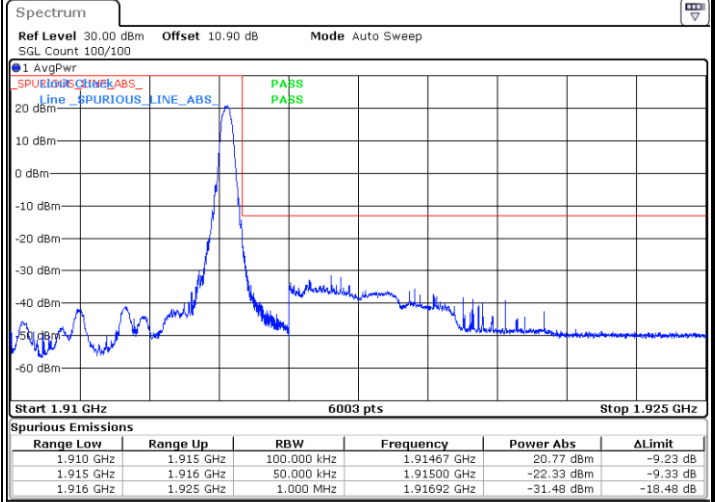
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



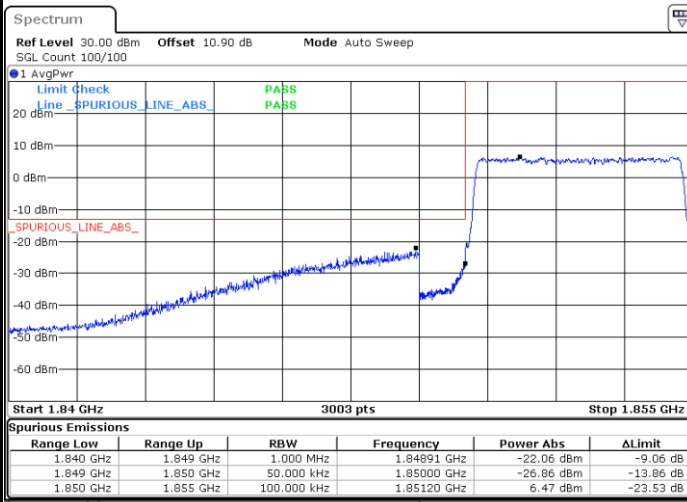
Date: 18.AUG.2022 10:29:30

Highest Band Edge / 1 RB



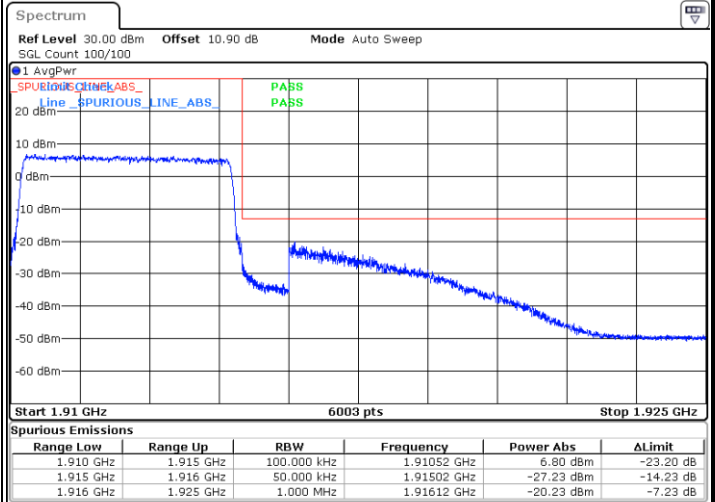
Date: 18.AUG.2022 10:39:24

Lowest Band Edge / Full RB



Date: 18.AUG.2022 10:31:38

Highest Band Edge / Full RB

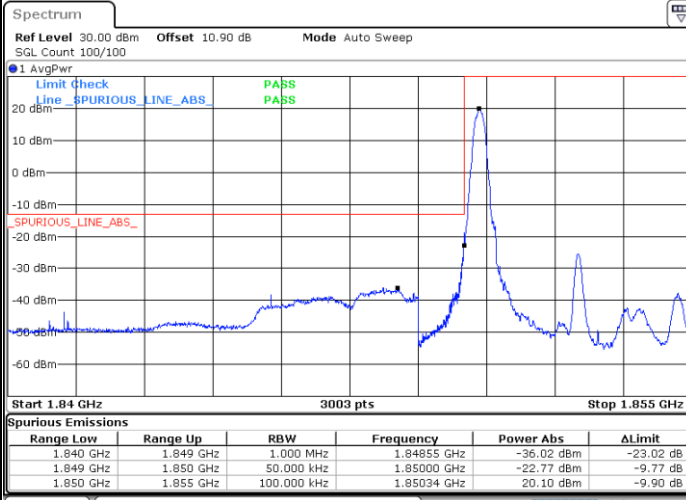


Date: 18.AUG.2022 10:38:21



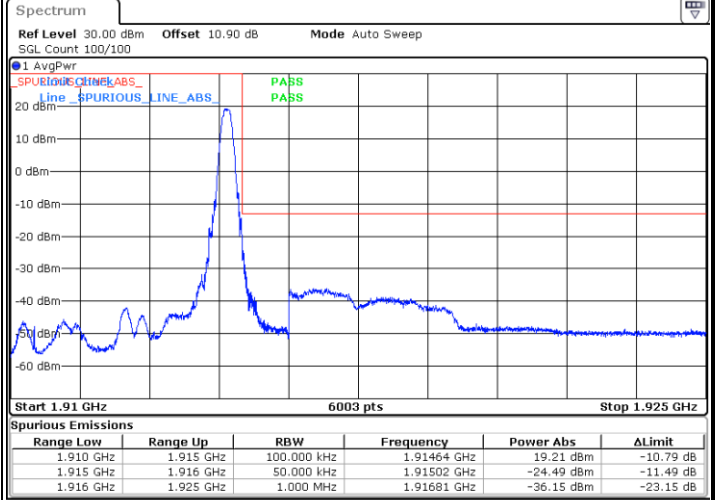
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



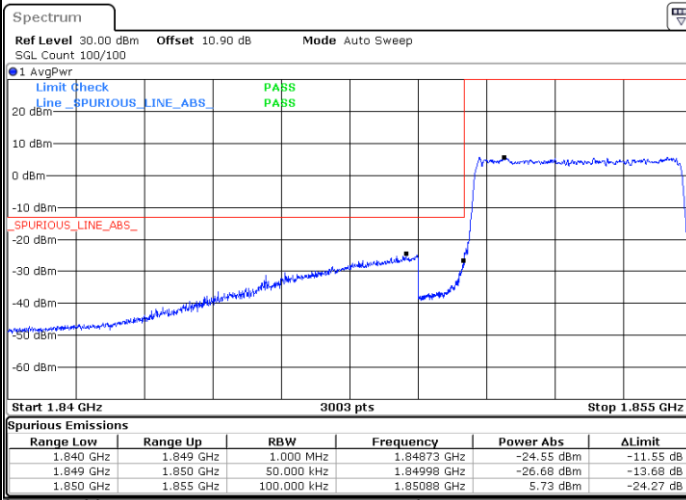
Date: 18.AUG.2022 10:42:51

Highest Band Edge / 1 RB



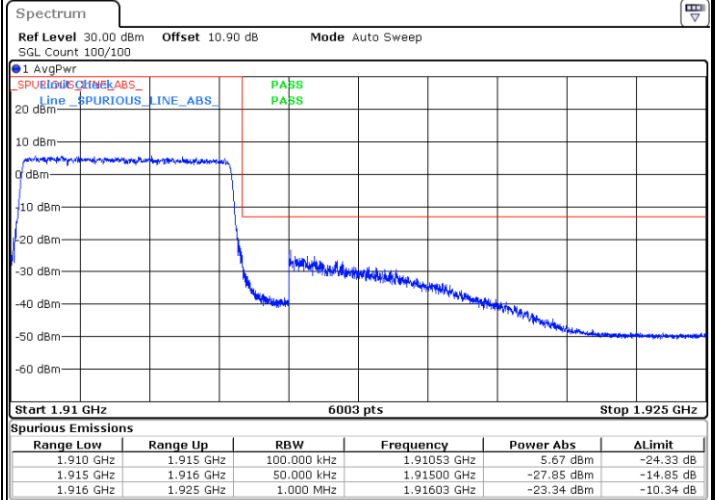
Date: 18.AUG.2022 10:46:45

Lowest Band Edge / Full RB



Date: 18.AUG.2022 10:43:54

Highest Band Edge / Full RB

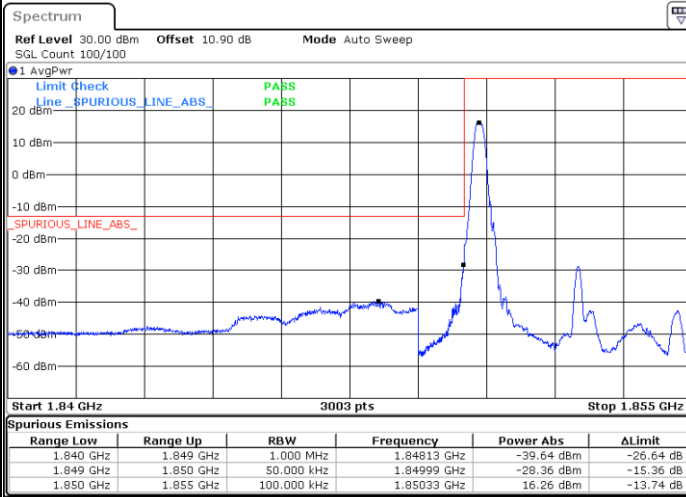


Date: 18.AUG.2022 10:45:41



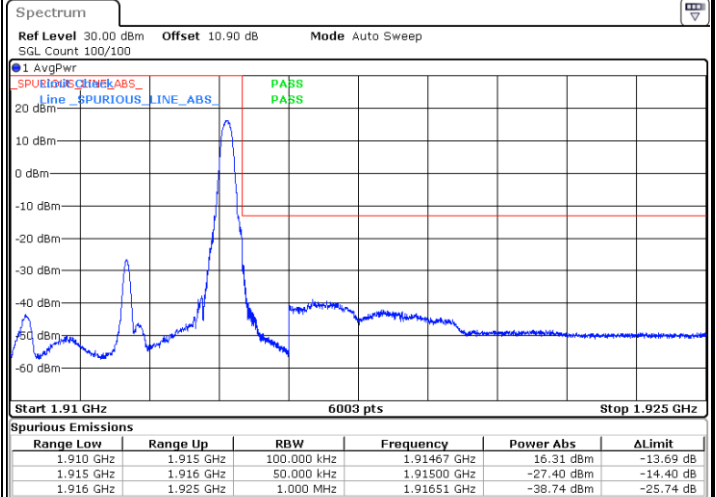
LTE Band 25 / 5MHz / 256QAM

Lowest Band Edge / 1RB



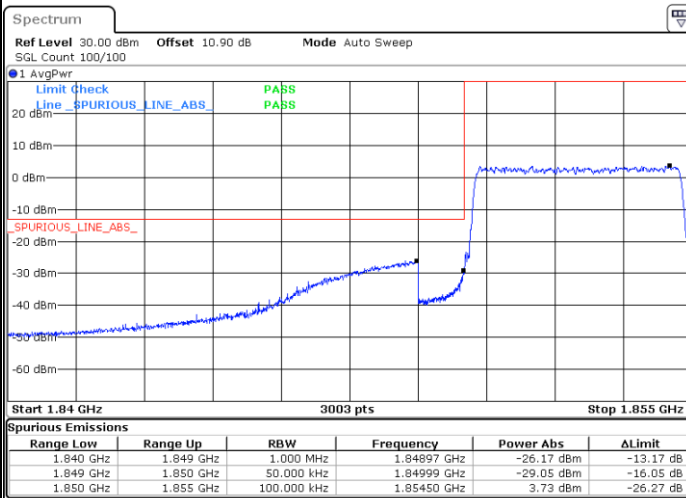
Date: 18.AUG.2022 11:58:15

Highest Band Edge / 1 RB



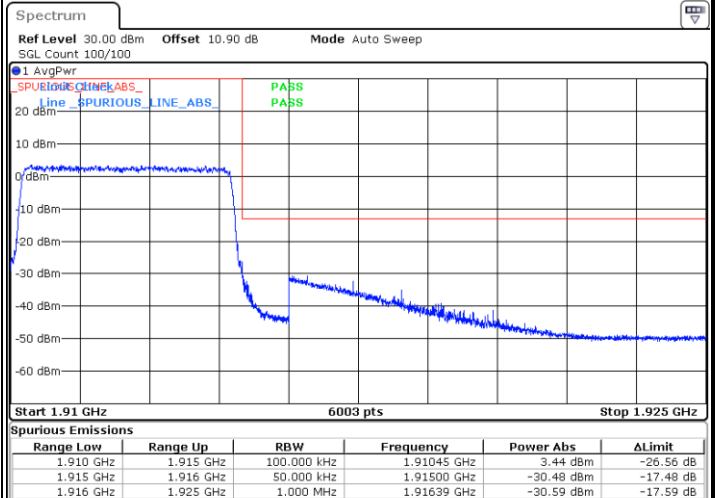
Date: 18.AUG.2022 12:02:21

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:59:22

Highest Band Edge / Full RB

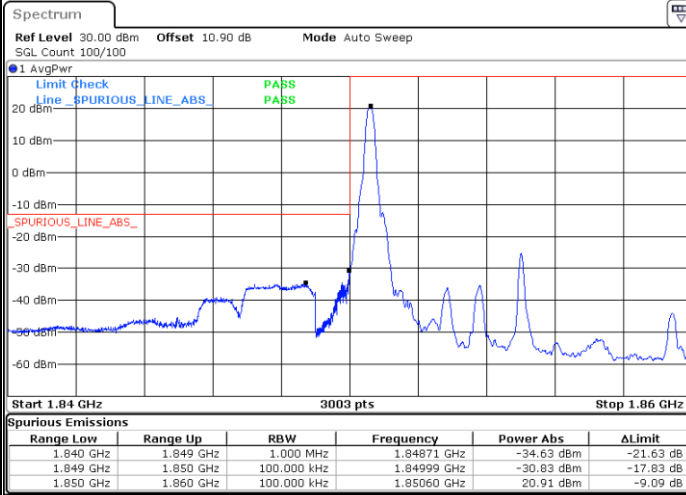


Date: 18.AUG.2022 12:01:15



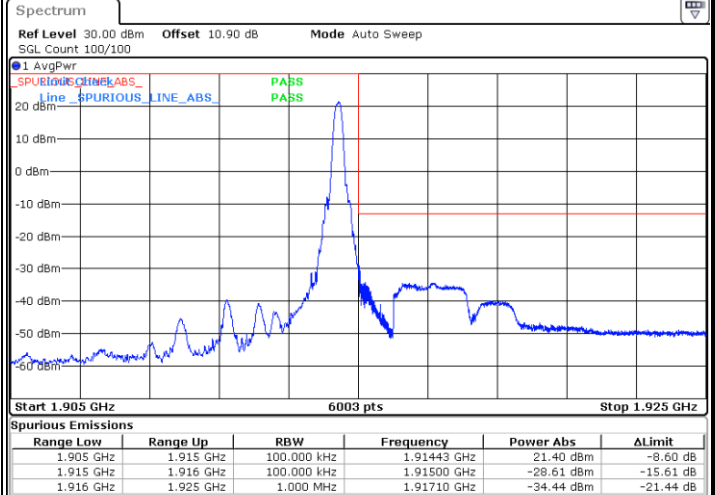
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



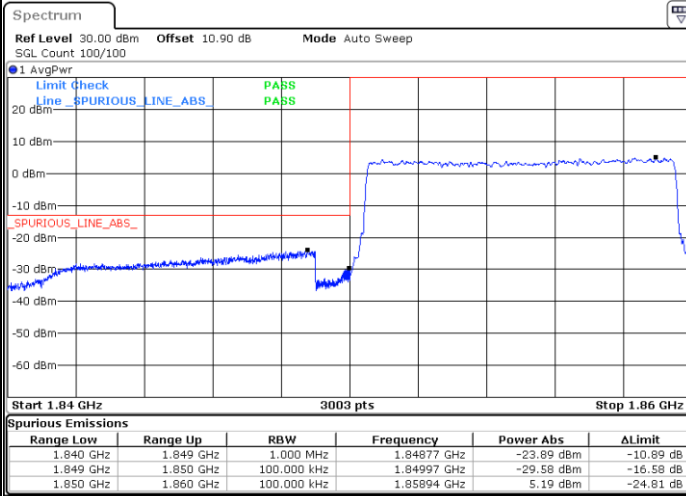
Date: 18.AUG.2022 10:47:54

Highest Band Edge / 1 RB



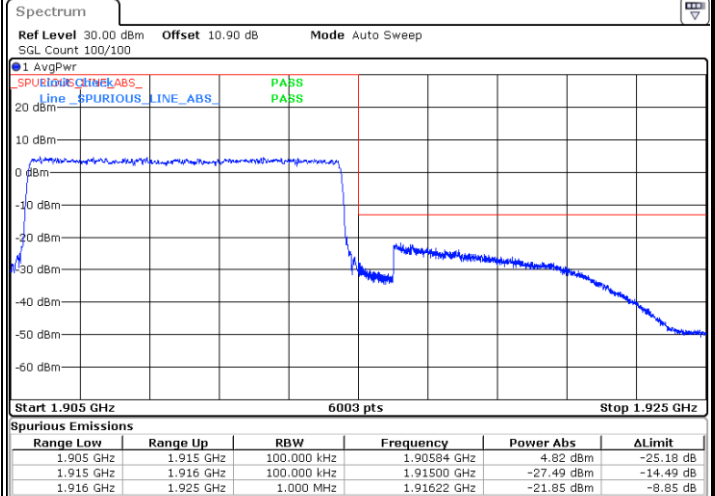
Date: 18.AUG.2022 10:59:55

Lowest Band Edge / Full RB



Date: 18.AUG.2022 10:50:01

Highest Band Edge / Full RB

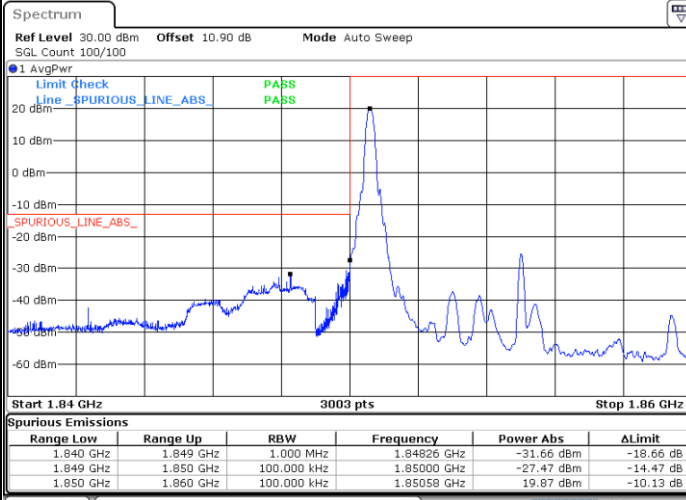


Date: 18.AUG.2022 10:56:45



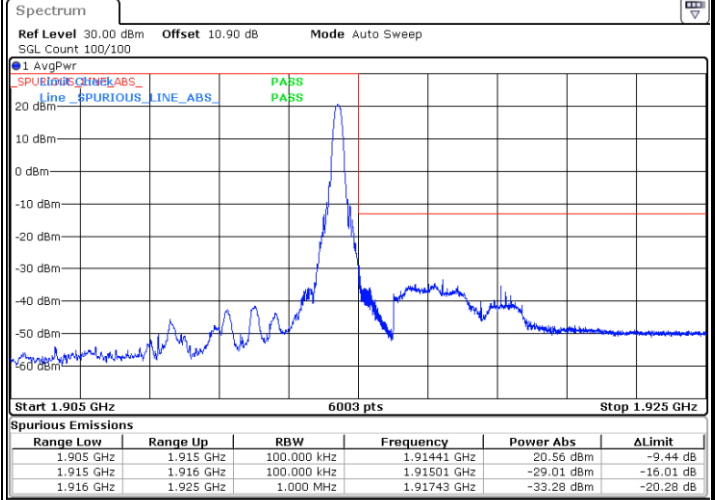
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



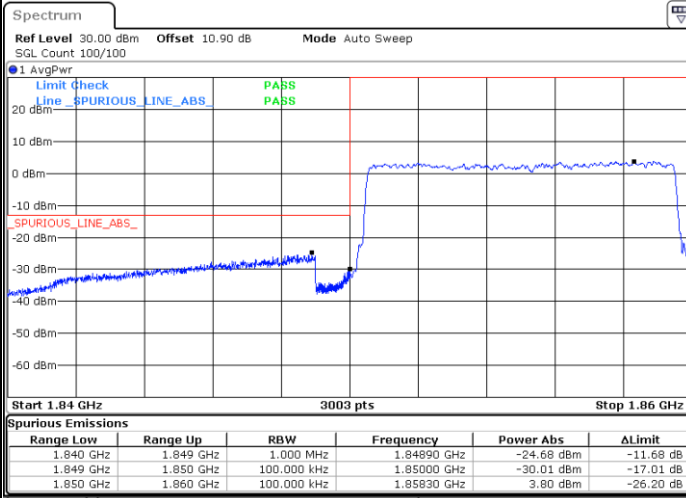
Date: 18.AUG.2022 10:48:58

Highest Band Edge / 1 RB



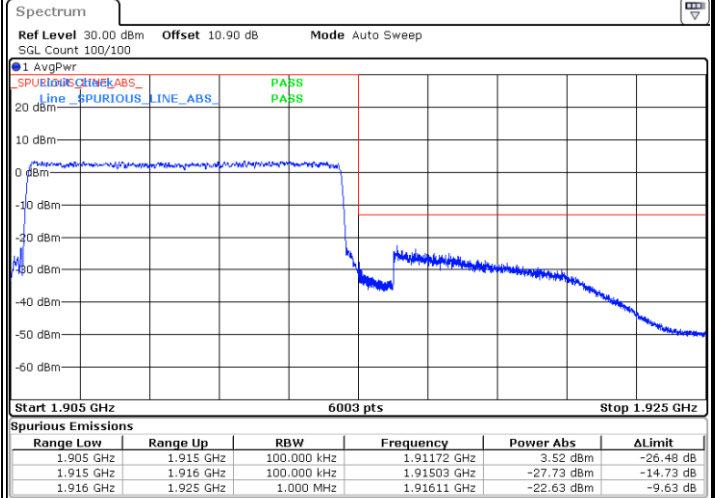
Date: 18.AUG.2022 10:58:52

Lowest Band Edge / Full RB



Date: 18.AUG.2022 10:51:05

Highest Band Edge / Full RB

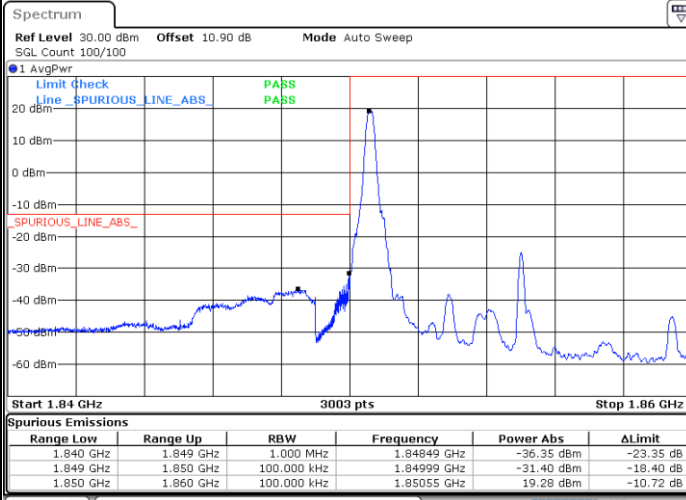


Date: 18.AUG.2022 10:57:48



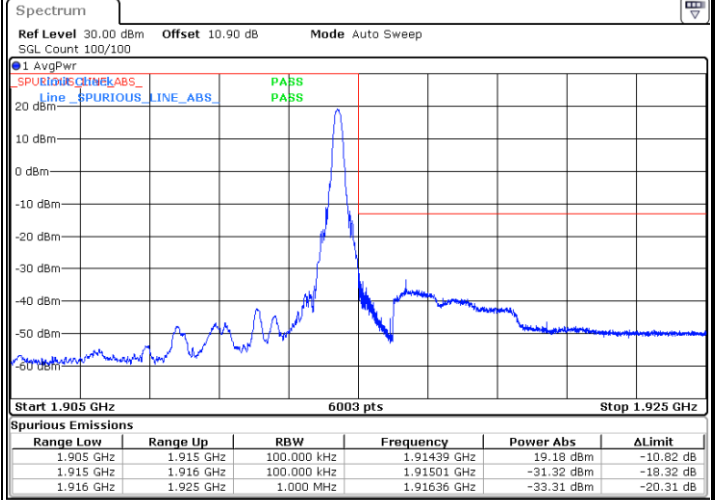
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



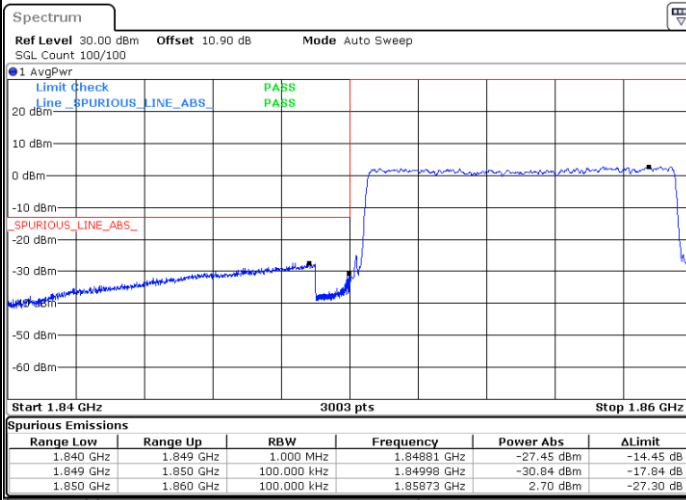
Date: 18.AUG.2022 11:02:17

Highest Band Edge / 1 RB



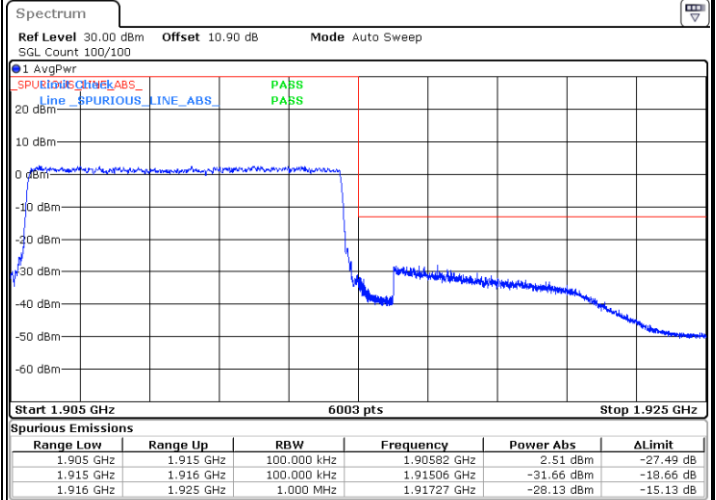
Date: 18.AUG.2022 11:06:11

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:03:21

Highest Band Edge / Full RB

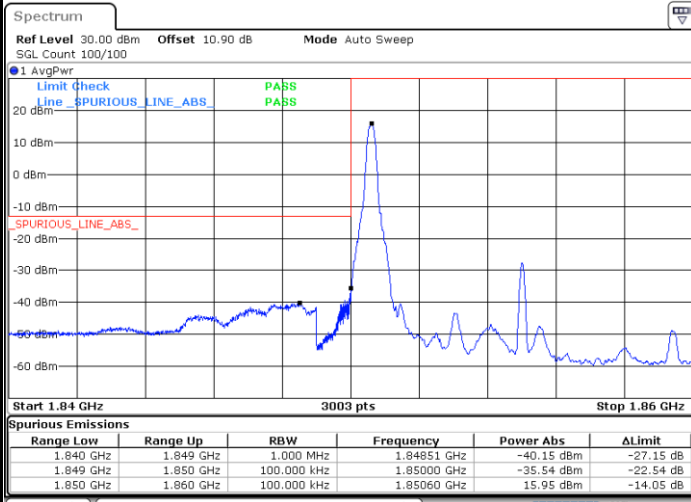


Date: 18.AUG.2022 11:05:08



LTE Band 25 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



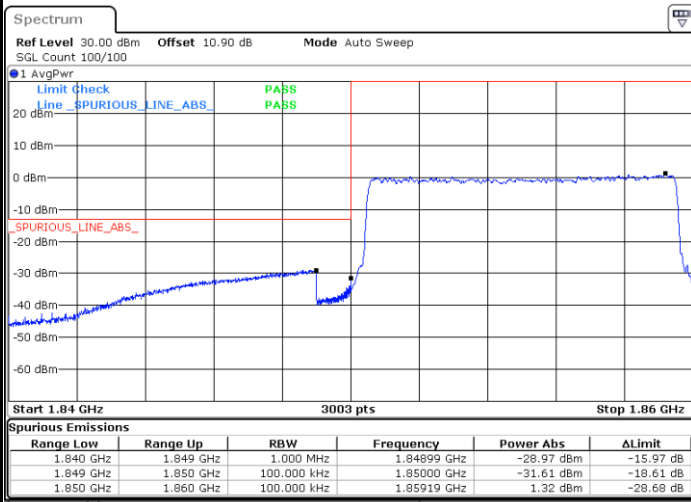
Date: 18.AUG.2022 12:03:30

Highest Band Edge / 1 RB



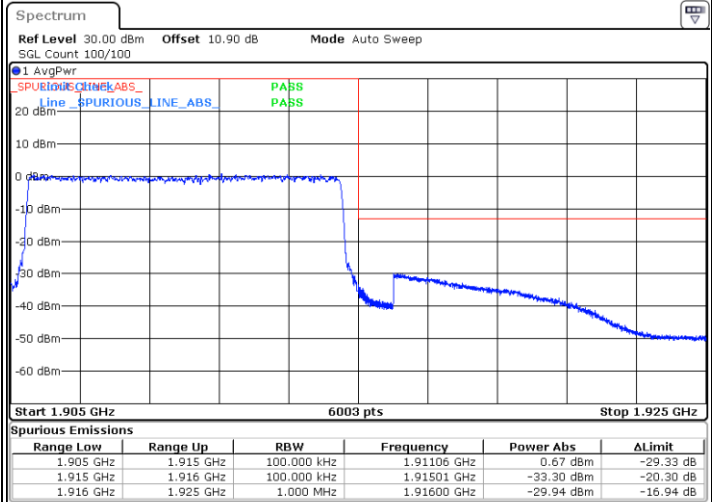
Date: 18.AUG.2022 12:07:36

Lowest Band Edge / Full RB



Date: 18.AUG.2022 12:04:36

Highest Band Edge / Full RB



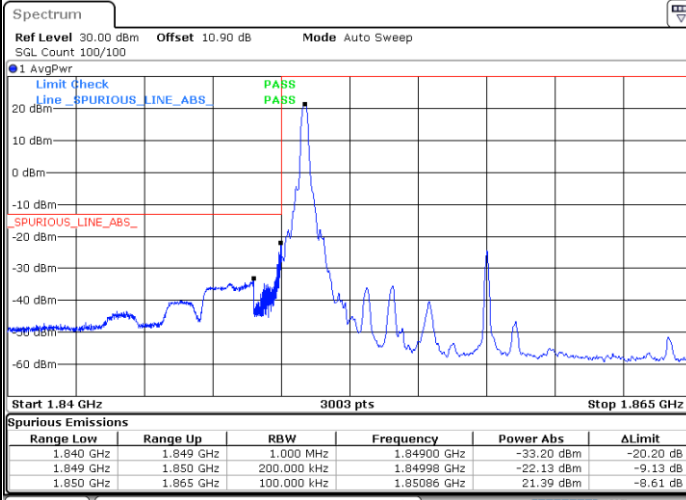
Date: 18.AUG.2022 12:06:29





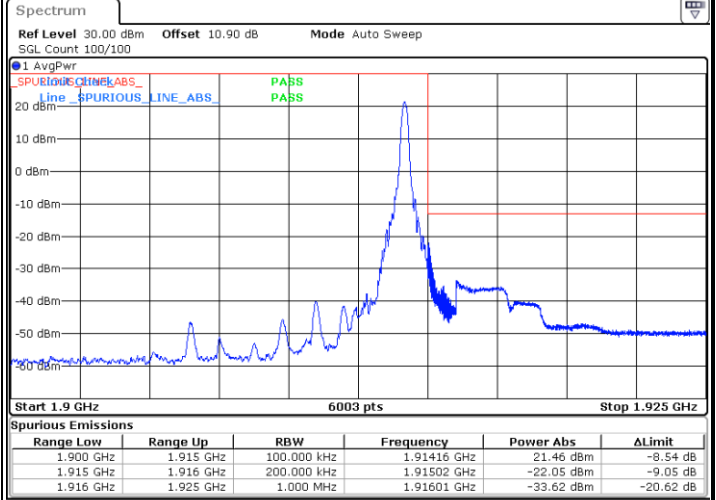
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



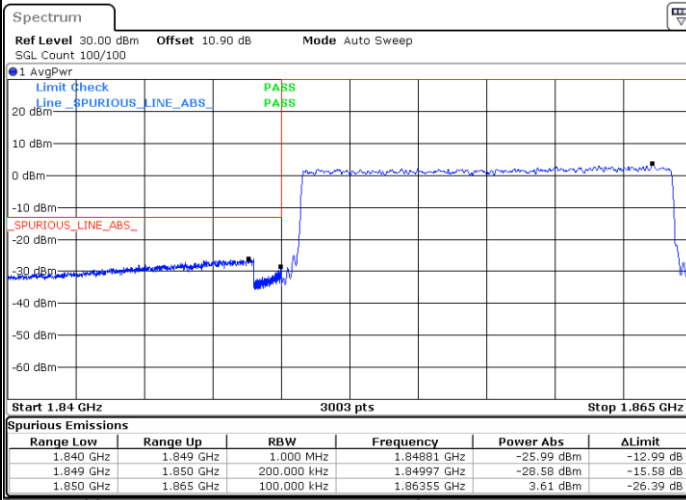
Date: 18.AUG.2022 11:12:18

Highest Band Edge / 1 RB



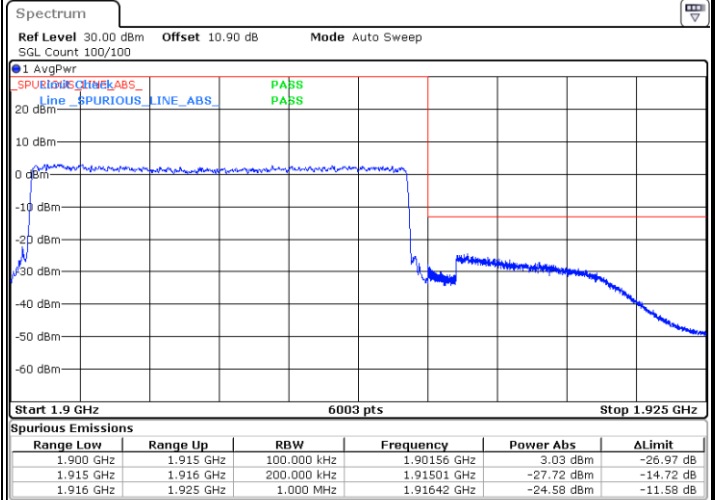
Date: 18.AUG.2022 11:24:20

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:14:26

Highest Band Edge / Full RB

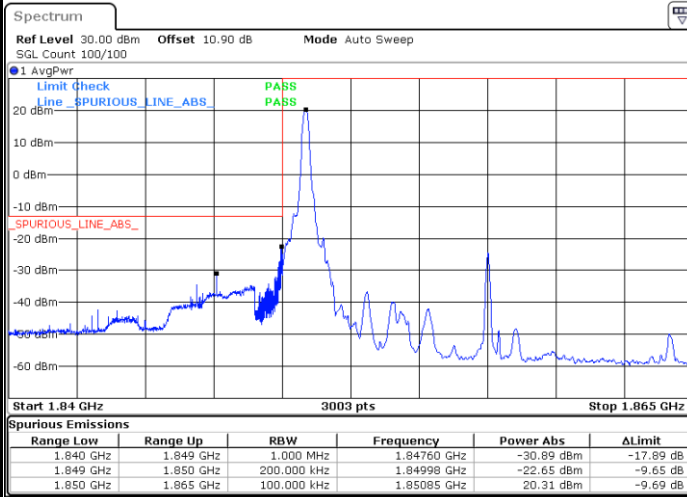


Date: 18.AUG.2022 11:21:09



LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



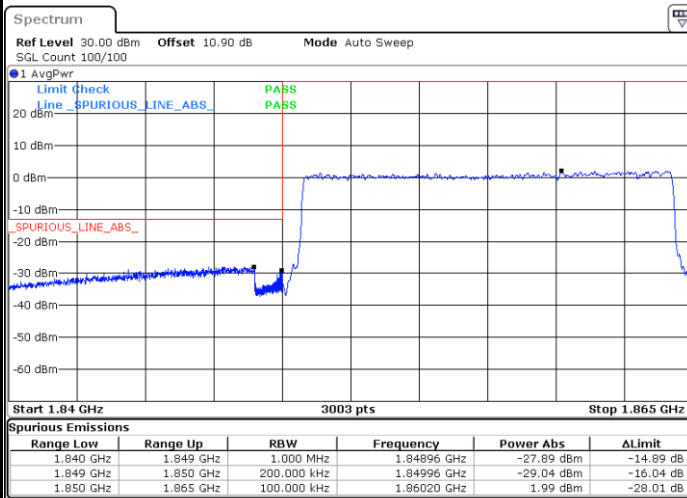
Date: 18.AUG.2022 11:13:22

Highest Band Edge / 1 RB



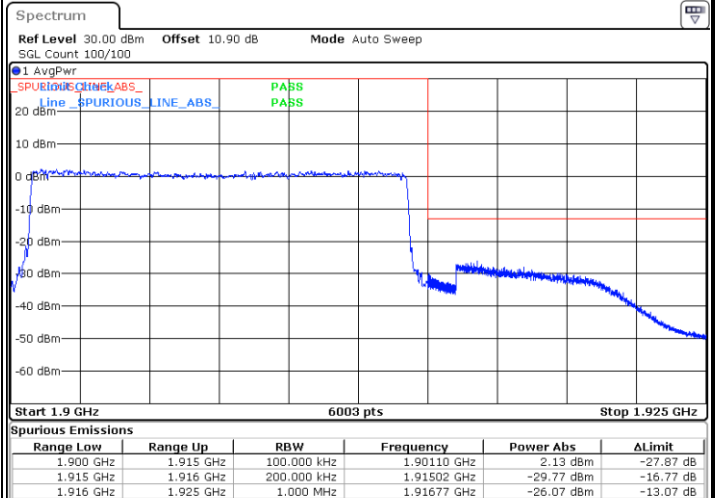
Date: 18.AUG.2022 11:23:17

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:15:30

Highest Band Edge / Full RB

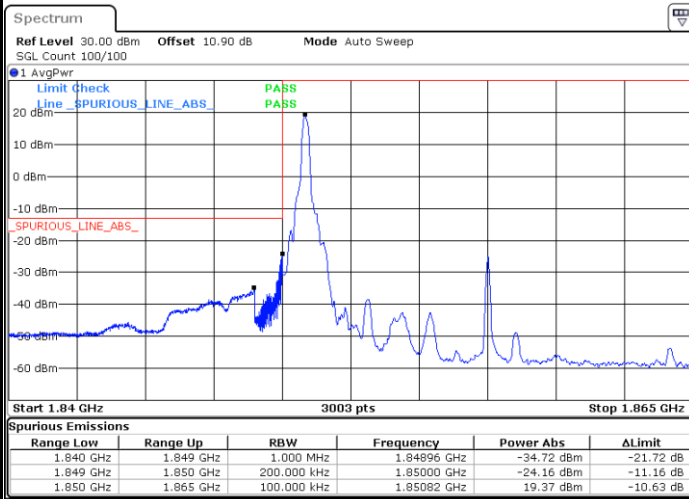


Date: 18.AUG.2022 11:22:13



LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



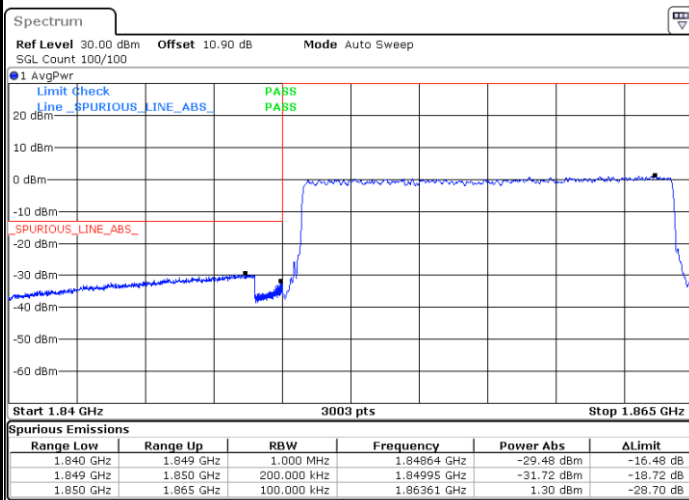
Date: 18.AUG.2022 11:07:20

Highest Band Edge / 1 RB



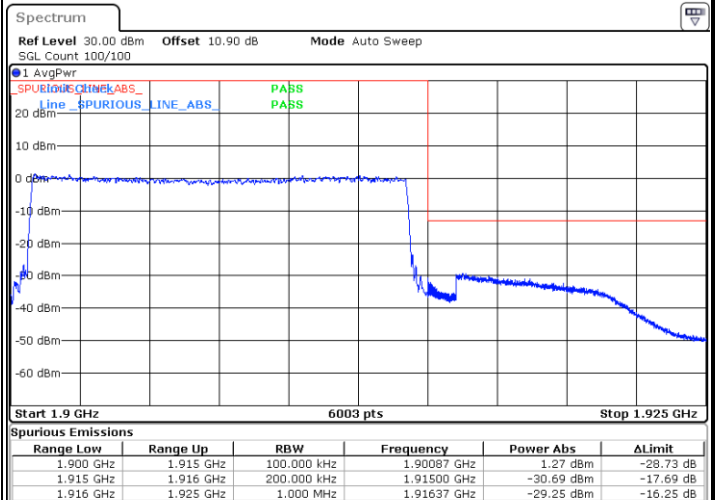
Date: 18.AUG.2022 11:11:14

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:08:24

Highest Band Edge / Full RB

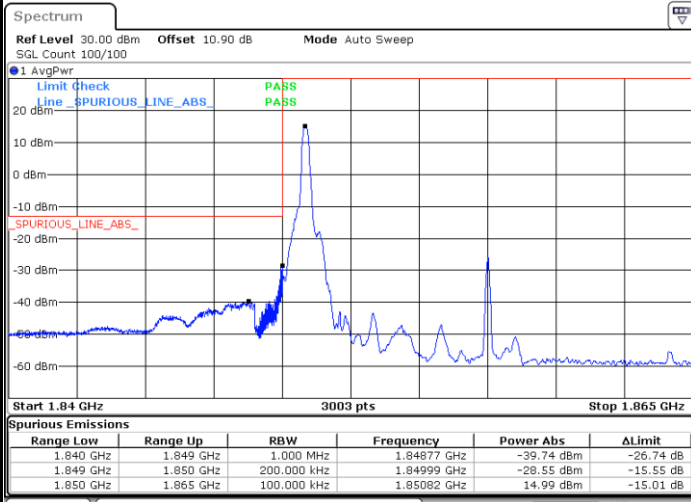


Date: 18.AUG.2022 11:10:11



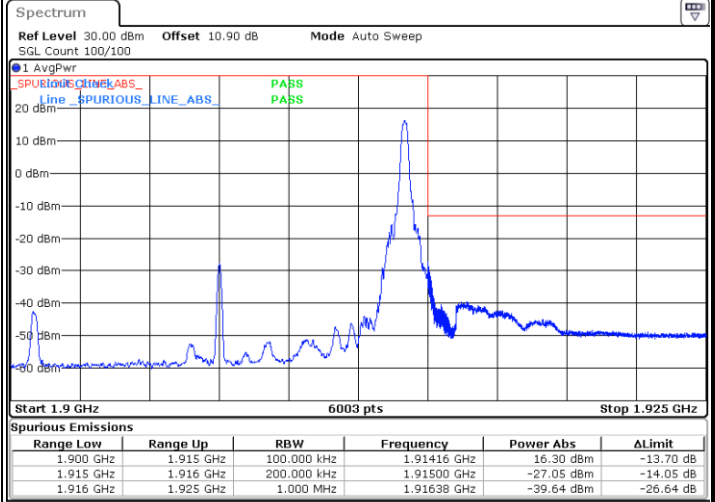
LTE Band 25 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



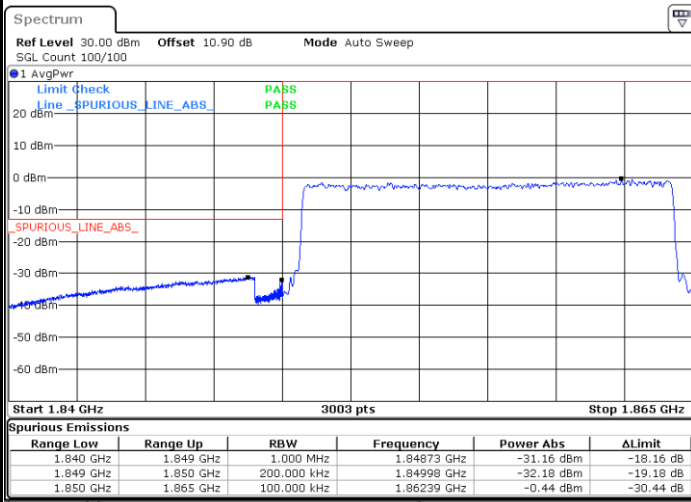
Date: 18.AUG.2022 12:08:45

Highest Band Edge / 1 RB



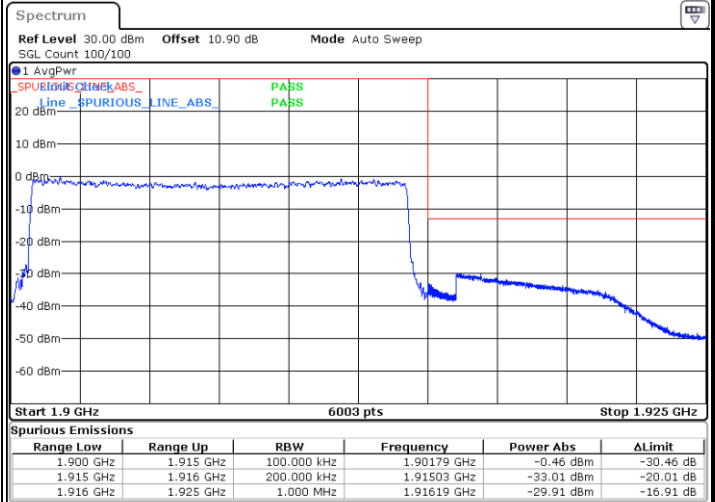
Date: 18.AUG.2022 12:12:48

Lowest Band Edge / Full RB



Date: 18.AUG.2022 12:09:52

Highest Band Edge / Full RB

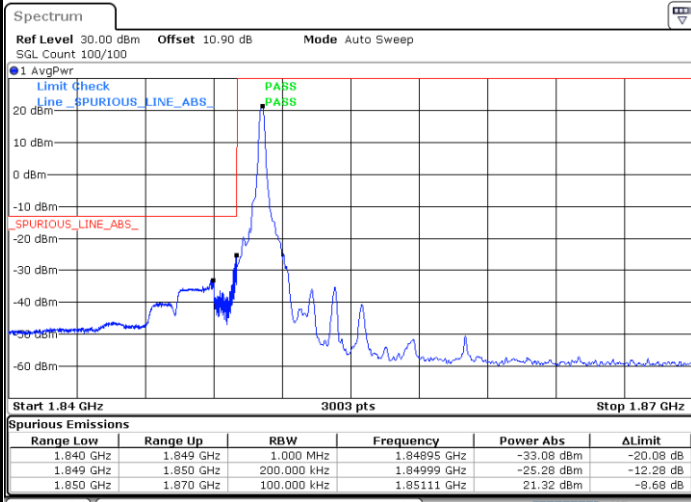


Date: 18.AUG.2022 12:11:44



LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



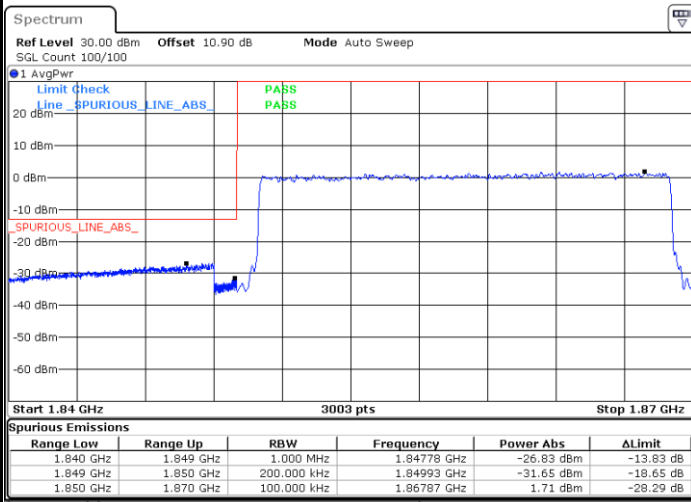
Date: 18.AUG.2022 11:26:47

Highest Band Edge / 1 RB



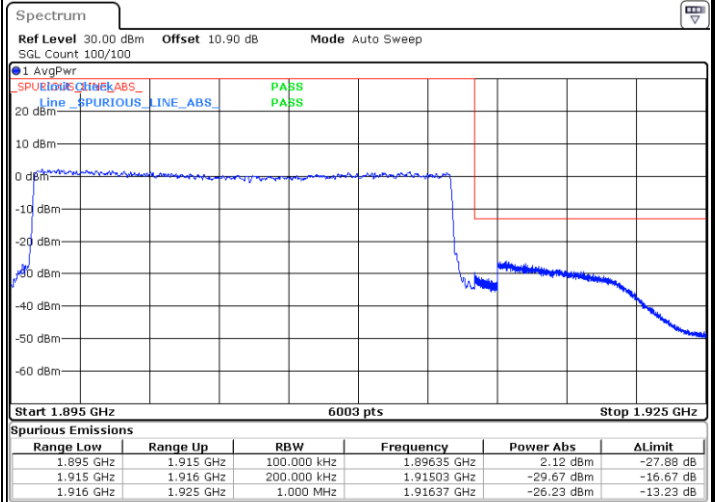
Date: 18.AUG.2022 11:38:48

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:28:55

Highest Band Edge / Full RB

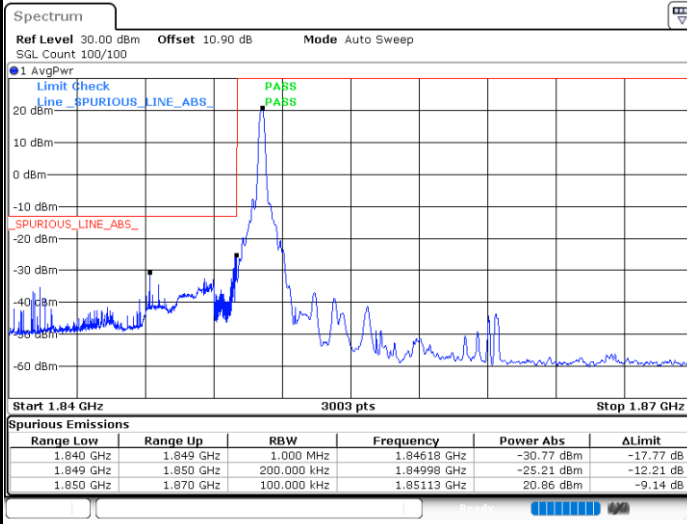


Date: 18.AUG.2022 11:35:37



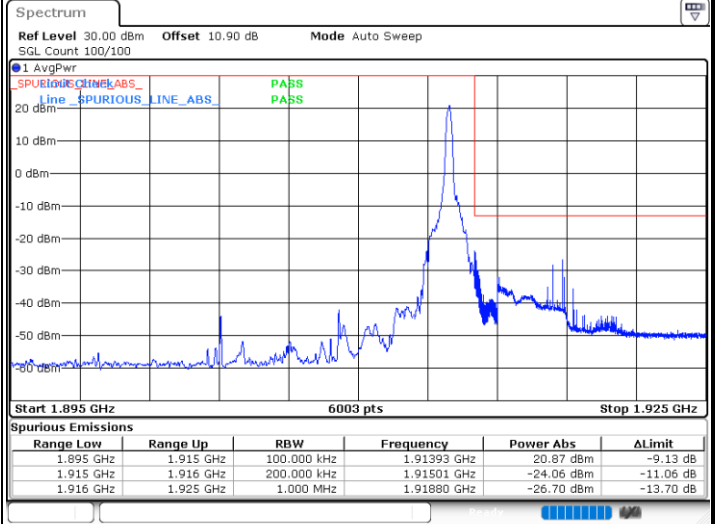
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



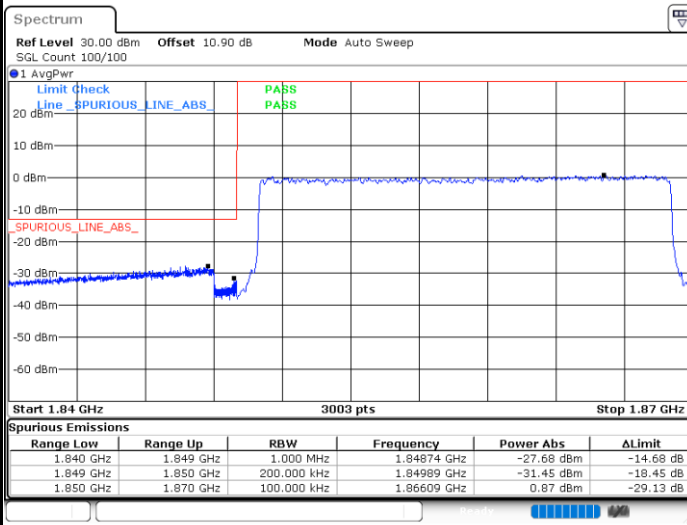
Date: 18.AUG.2022 11:27:51

Highest Band Edge / 1 RB



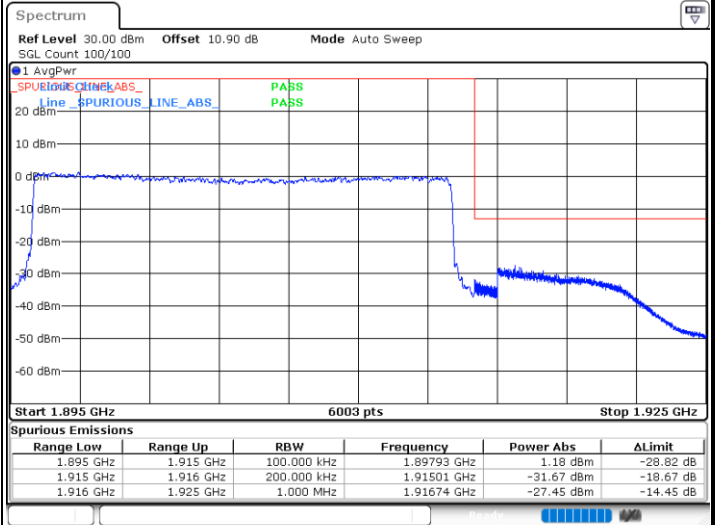
Date: 18.AUG.2022 11:37:45

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:29:59

Highest Band Edge / Full RB

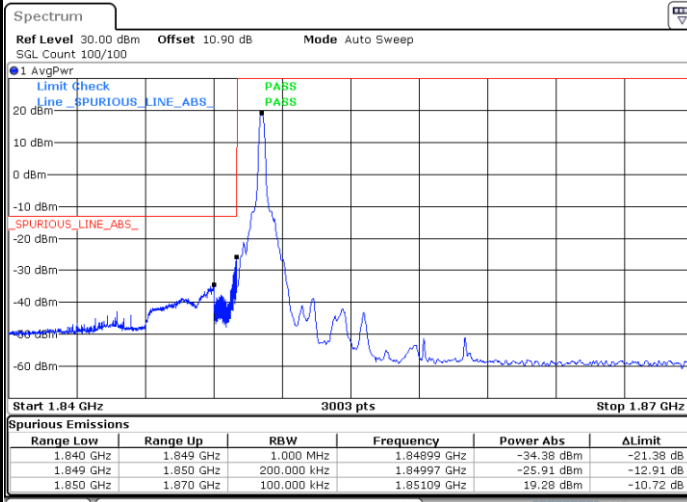


Date: 18.AUG.2022 11:36:40



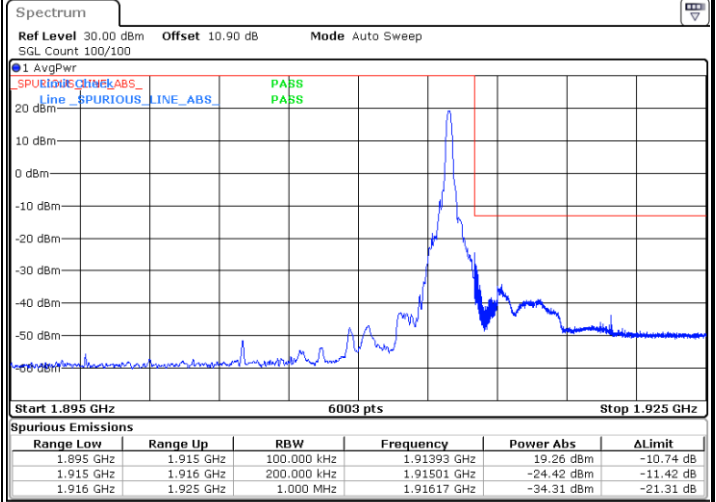
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



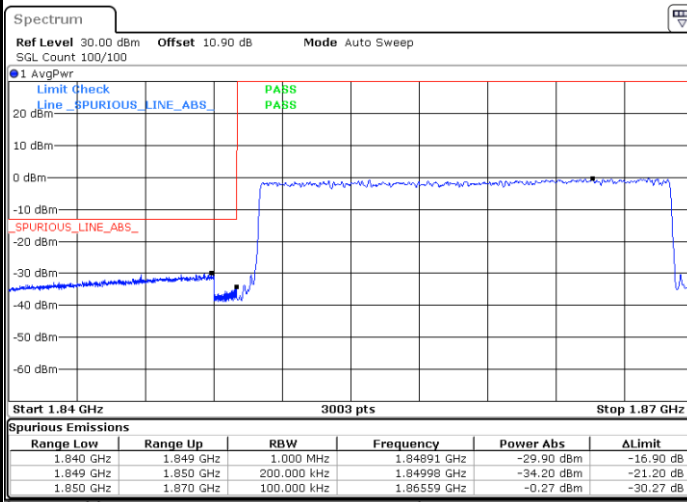
Date: 18.AUG.2022 11:41:10

Highest Band Edge / 1 RB



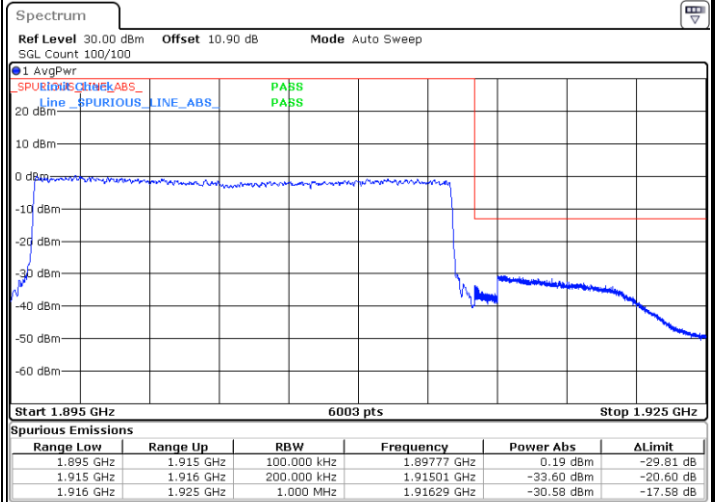
Date: 18.AUG.2022 11:45:04

Lowest Band Edge / Full RB



Date: 18.AUG.2022 11:42:14

Highest Band Edge / Full RB

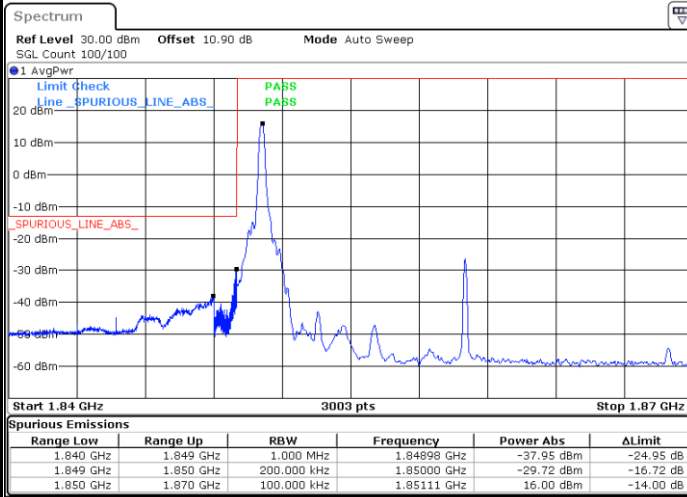


Date: 18.AUG.2022 11:44:00



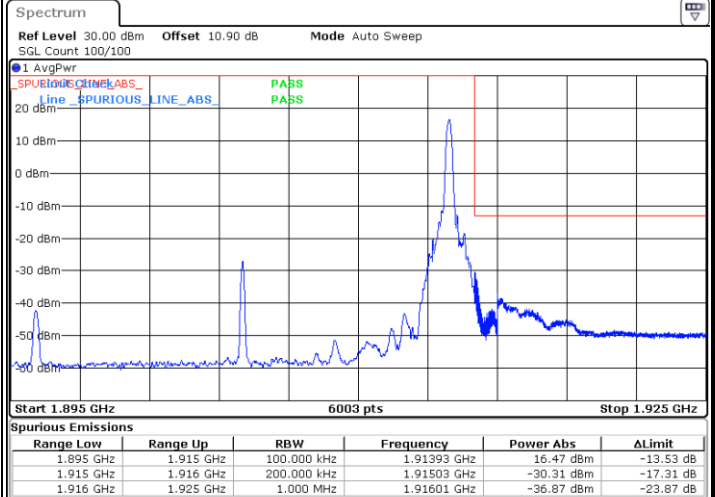
LTE Band 25 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



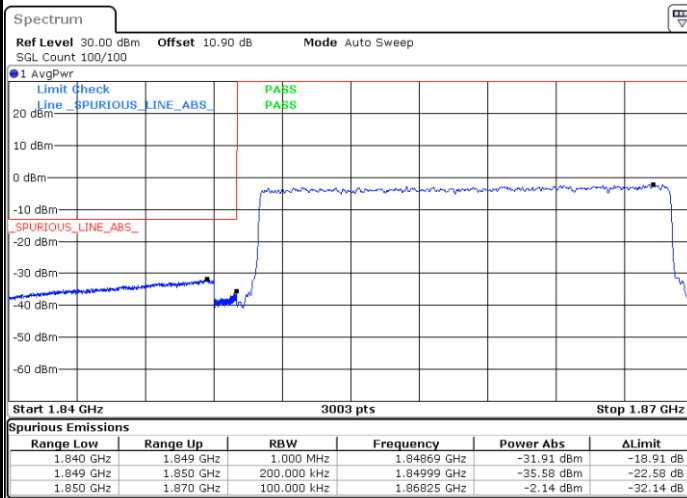
Date: 18.AUG.2022 12:13:57

Highest Band Edge / 1 RB



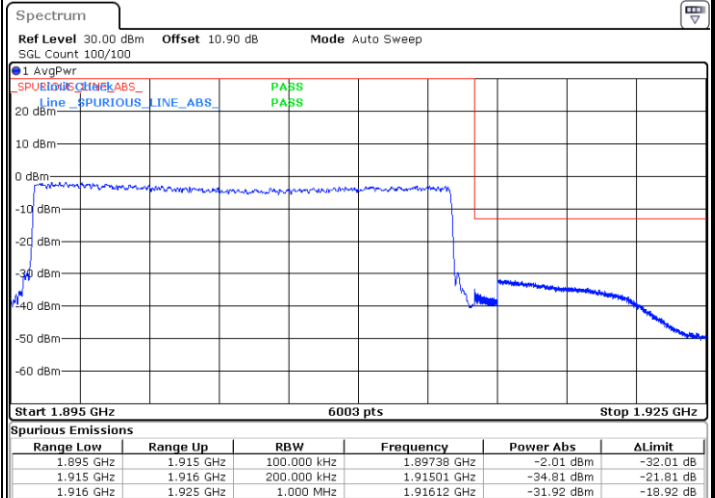
Date: 18.AUG.2022 12:18:04

Lowest Band Edge / Full RB



Date: 18.AUG.2022 12:15:03

Highest Band Edge / Full RB



Date: 18.AUG.2022 12:16:57



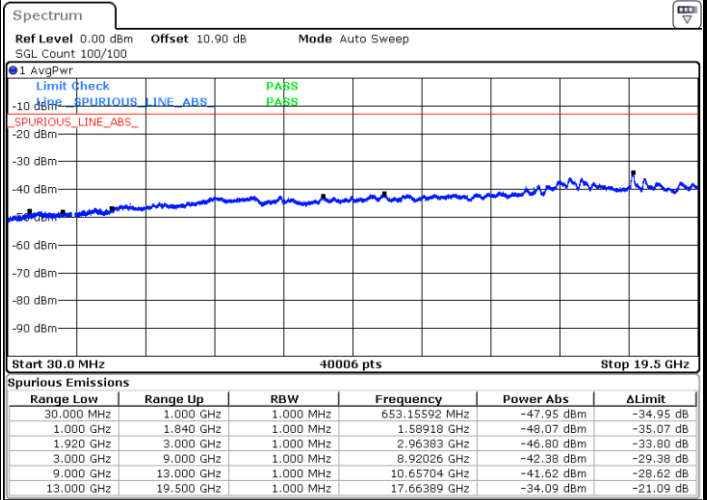
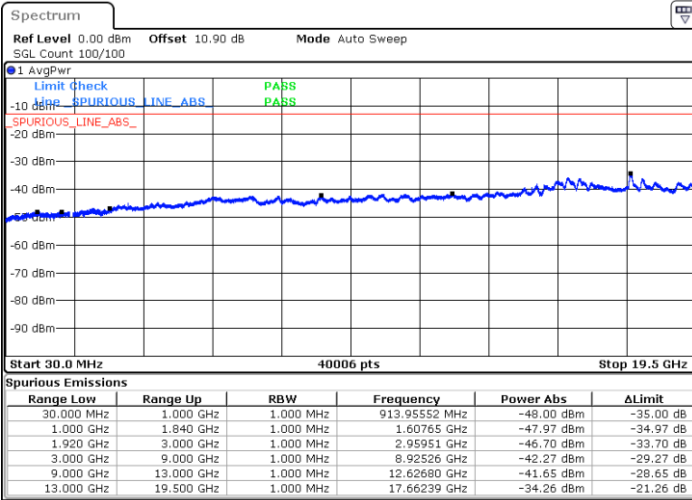


# Conducted Spurious Emission

## LTE Band 25 / 1.4MHz

### Lowest Channel / QPSK

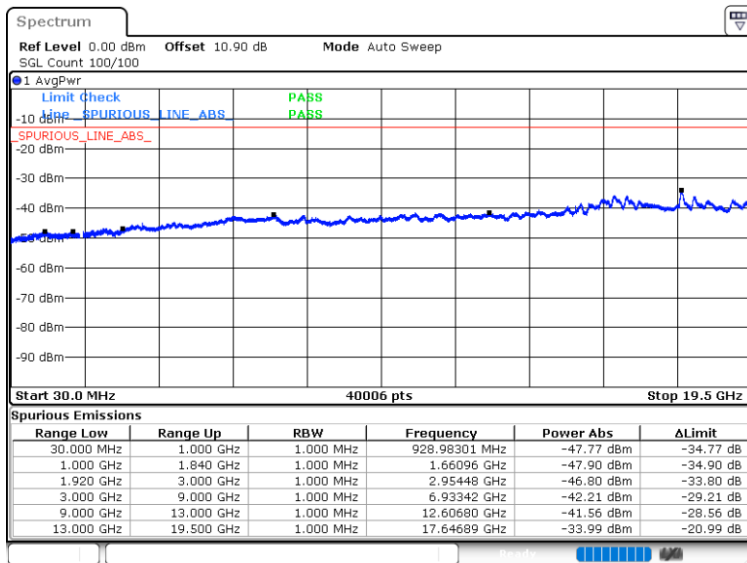
### Middle Channel / QPSK



Date: 18.AUG.2022 09:54:01

Date: 18.AUG.2022 09:57:18

### Highest Channel / QPSK



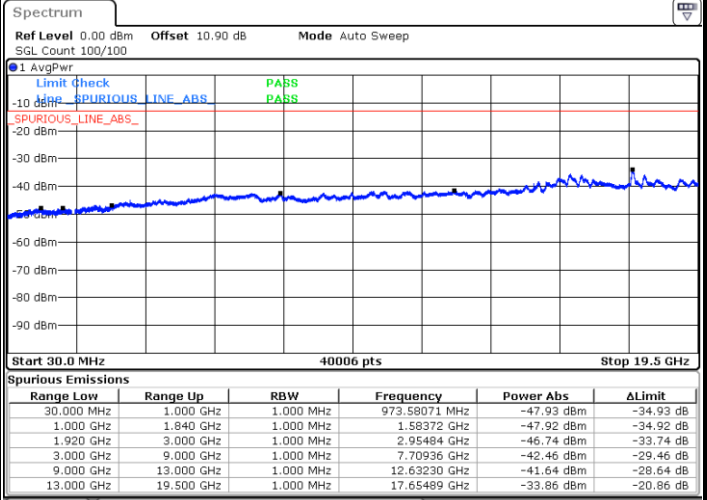
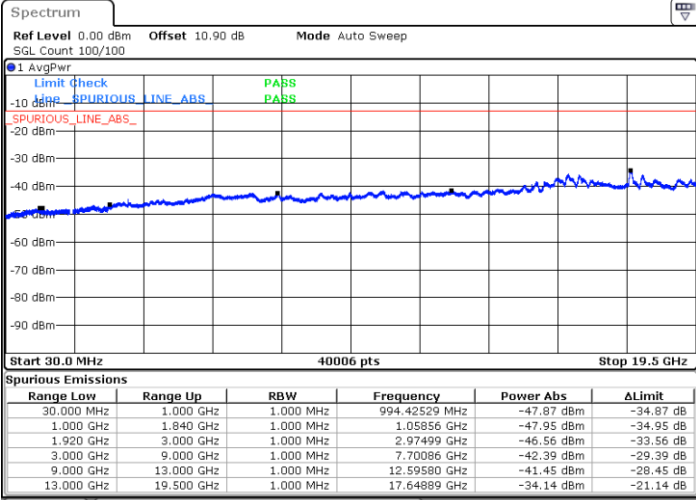
Date: 18.AUG.2022 10:02:52



LTE Band 25 / 3MHz

Lowest Channel / QPSK

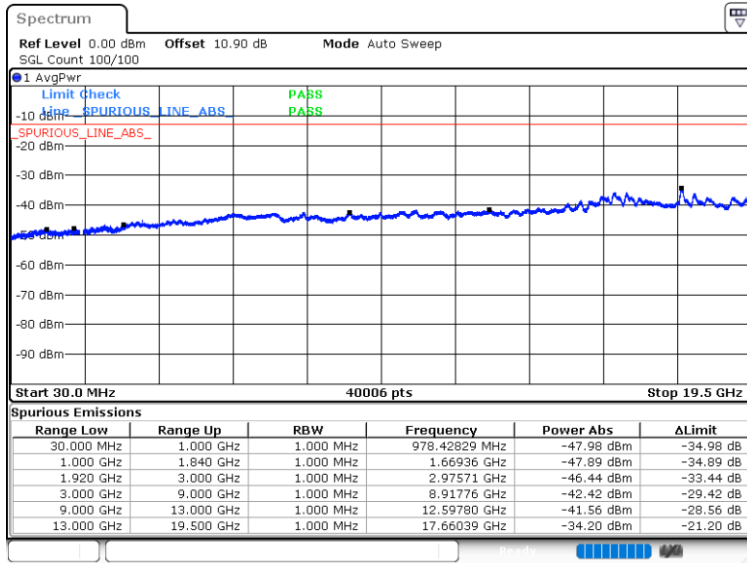
Middle Channel / QPSK



Date: 18.AUG.2022 10:18:28

Date: 18.AUG.2022 10:21:44

Highest Channel / QPSK



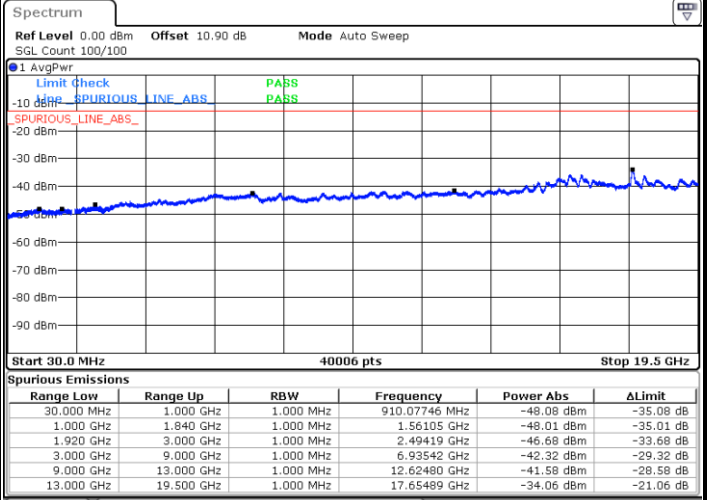
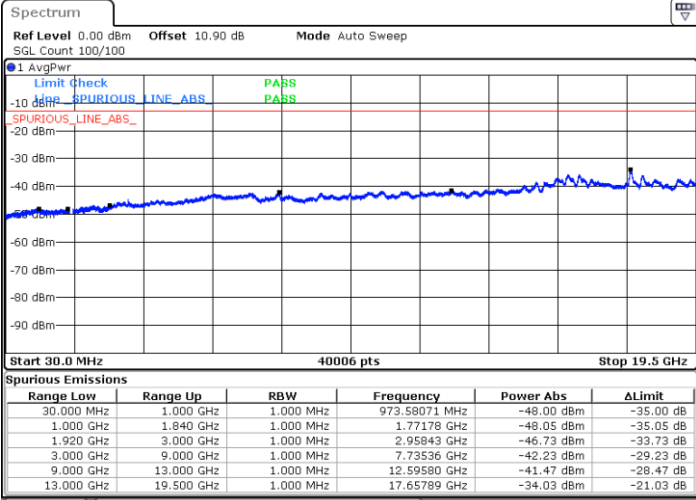
Date: 18.AUG.2022 10:27:17



LTE Band 25 / 5MHz

Lowest Channel / QPSK

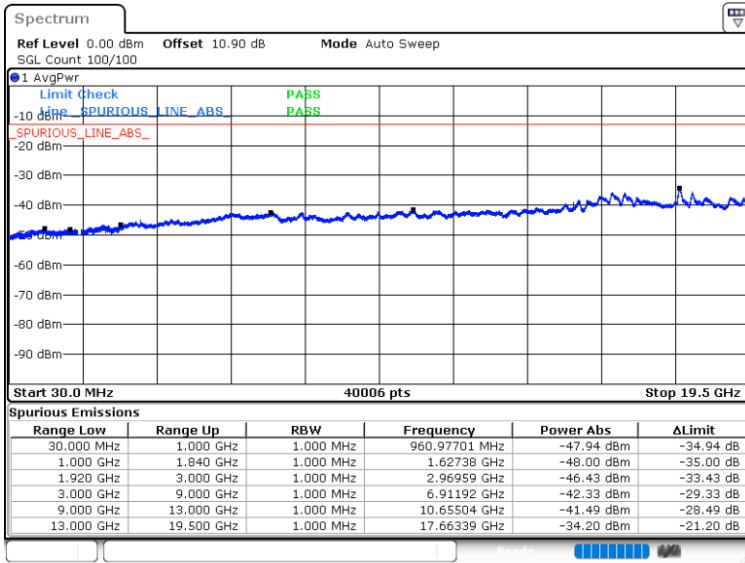
Middle Channel / QPSK



Date: 18.AUG.2022 10:32:56

Date: 18.AUG.2022 10:36:13

Highest Channel / QPSK



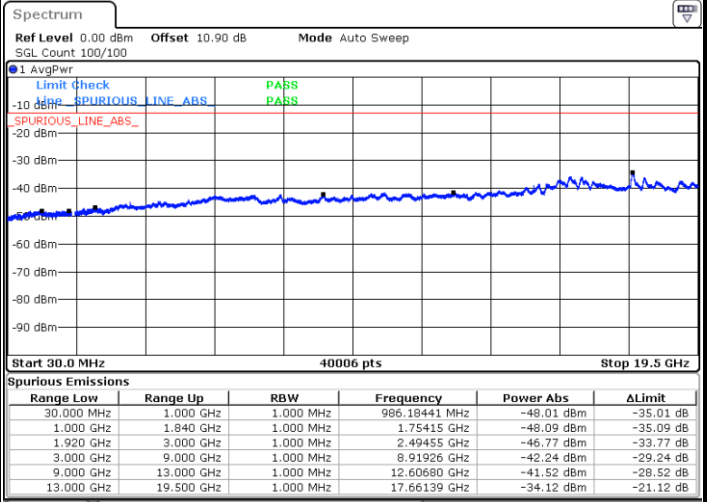
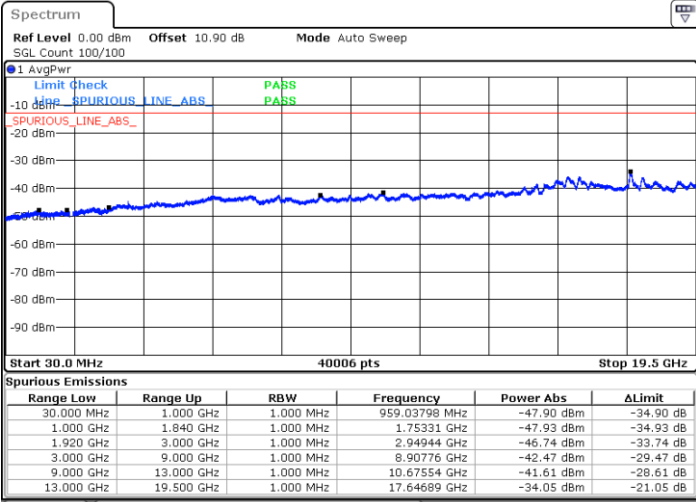
Date: 18.AUG.2022 10:41:46



LTE Band 25 / 10MHz

Lowest Channel / QPSK

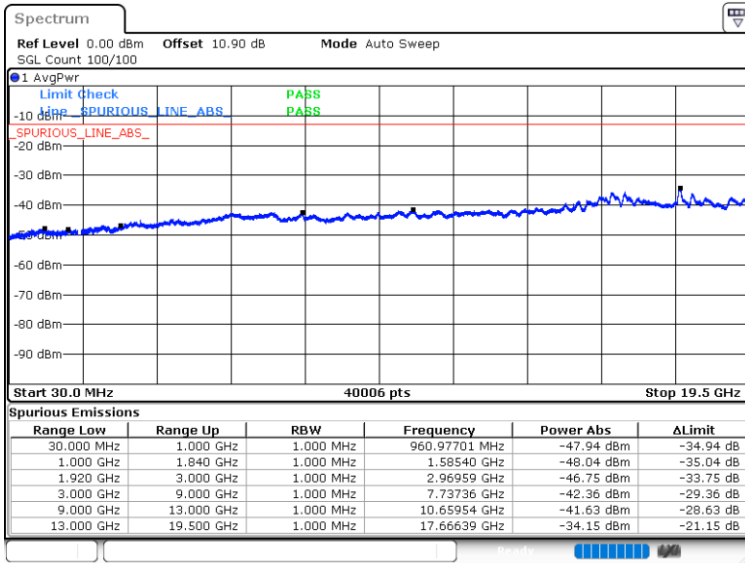
Middle Channel / QPSK



Date: 18.AUG.2022 10:52:23

Date: 18.AUG.2022 10:55:40

Highest Channel / QPSK



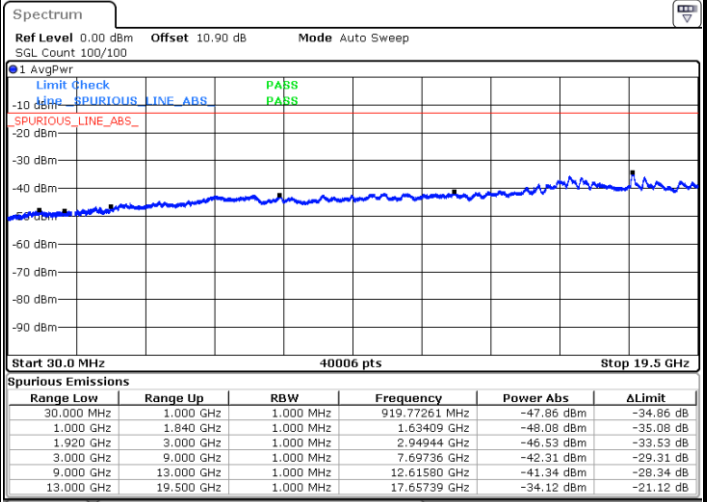
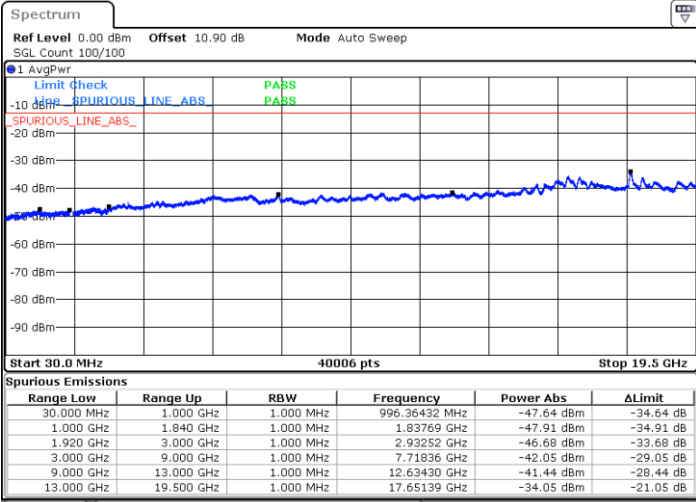
Date: 18.AUG.2022 11:01:13



LTE Band 25 / 15MHz

Lowest Channel / QPSK

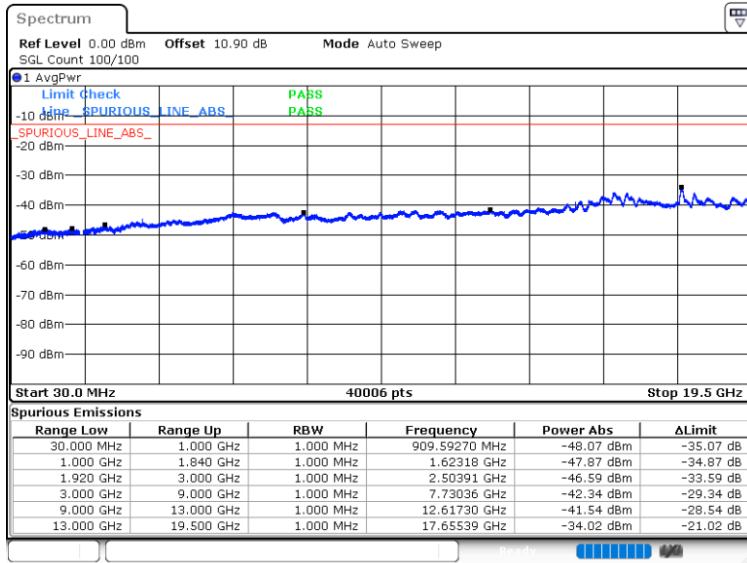
Middle Channel / QPSK



Date: 18.AUG.2022 11:16:48

Date: 18.AUG.2022 11:20:05

Highest Channel / QPSK



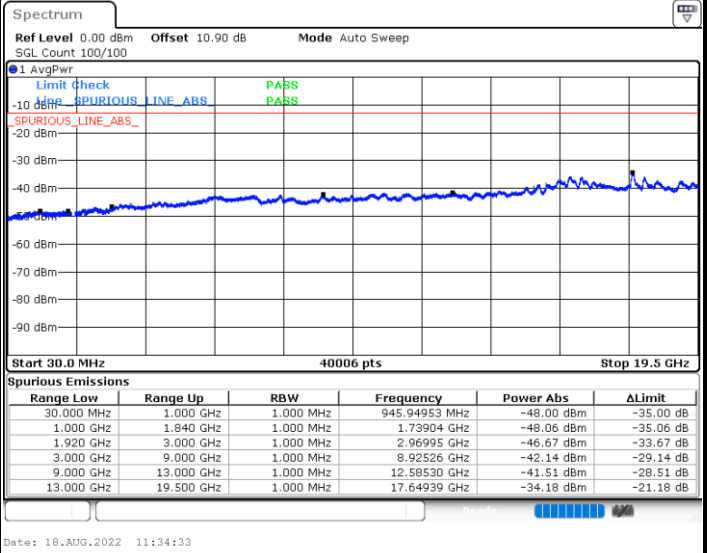
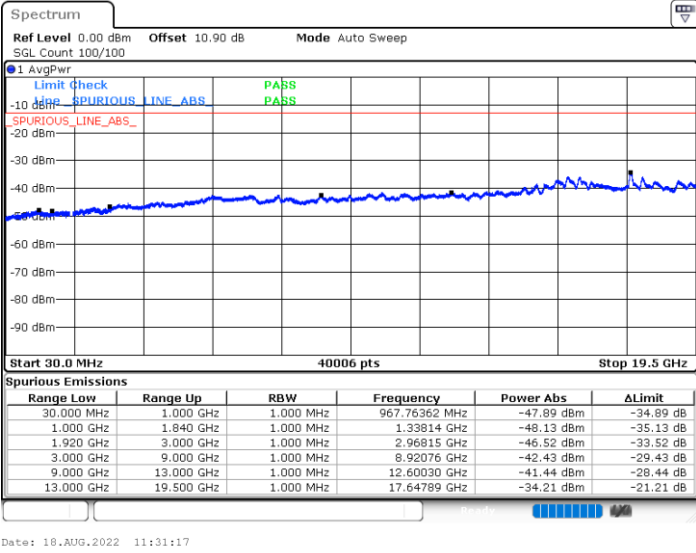
Date: 18.AUG.2022 11:25:39



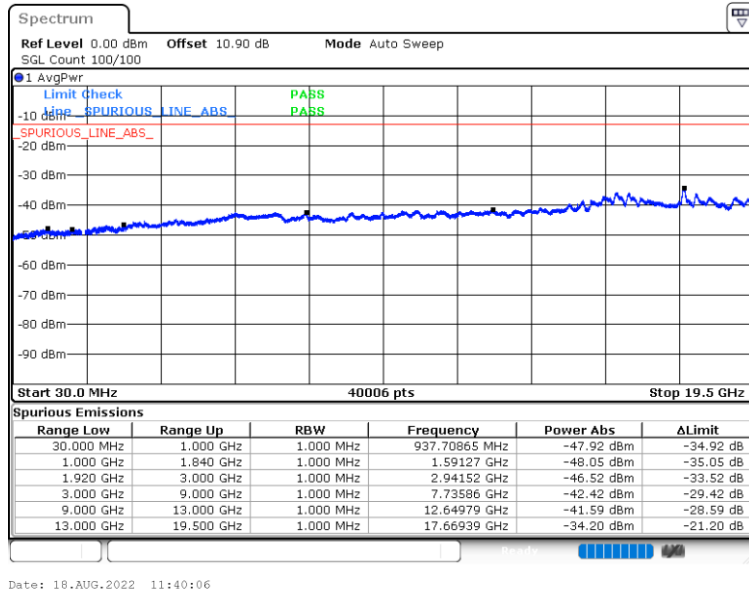
LTE Band 25 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0078	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0081	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0086	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0061	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

**Note:**

- 1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

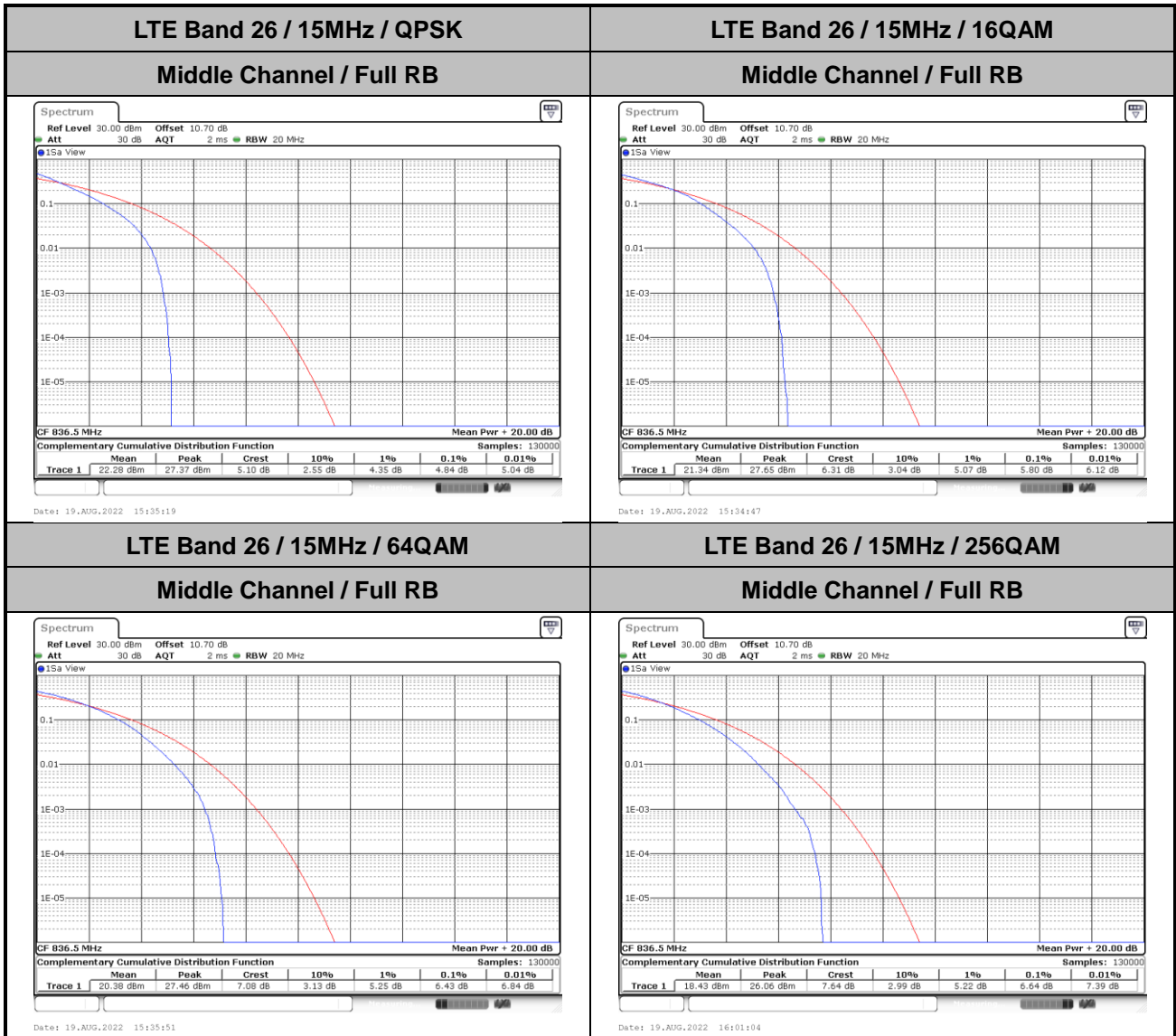


## LTE Band 26

### 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	4.84	5.80	6.43	6.64	PASS







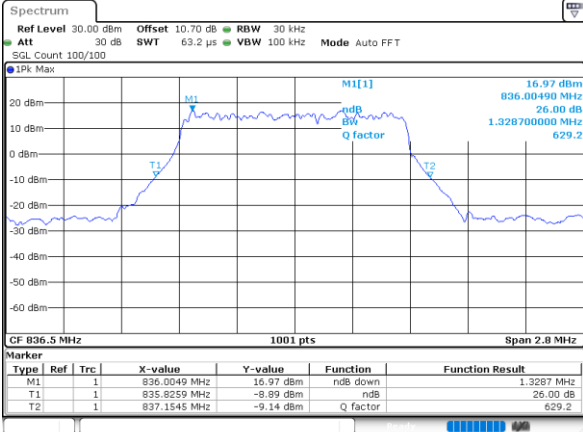
**26dB Bandwidth**

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	1.33	1.30	3.05	3.11	5.07	4.96	9.95	10.03	14.24	14.42	-	-
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	1.32	1.29	3.02	3.09	4.96	4.90	10.21	9.79	14.42	14.27	-	-



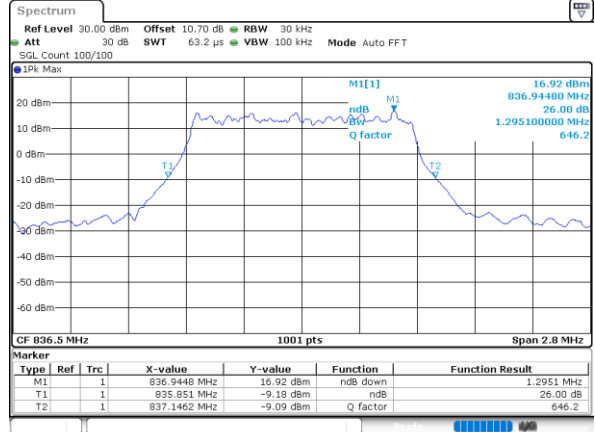
LTE Band 26

Middle Channel / 1.4MHz / QPSK



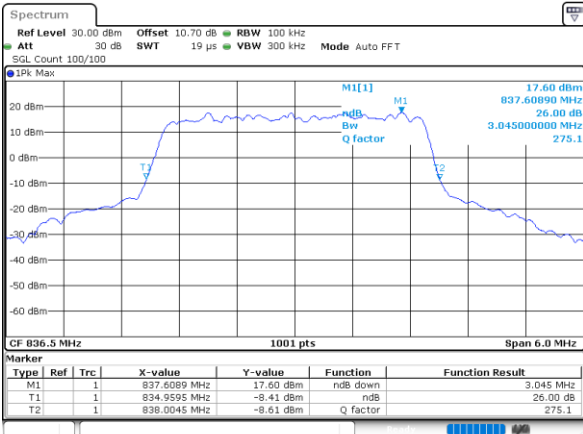
Date: 19\_AUG.2022 14:10:54

Middle Channel / 1.4MHz / 16QAM



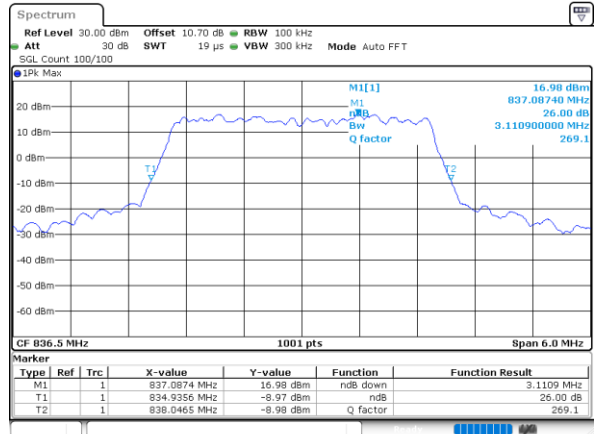
Date: 19\_AUG.2022 14:10:25

Middle Channel / 3MHz / QPSK



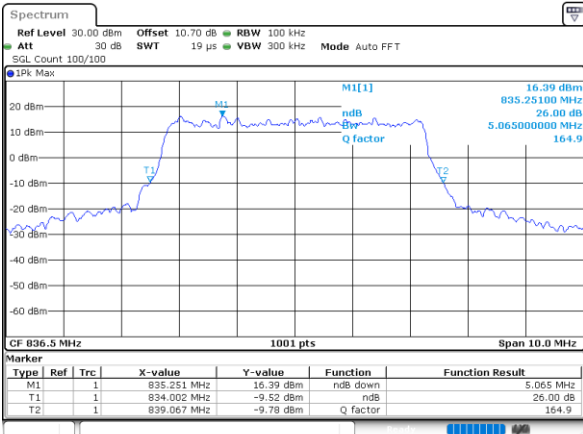
Date: 19\_AUG.2022 14:33:33

Middle Channel / 3MHz / 16QAM



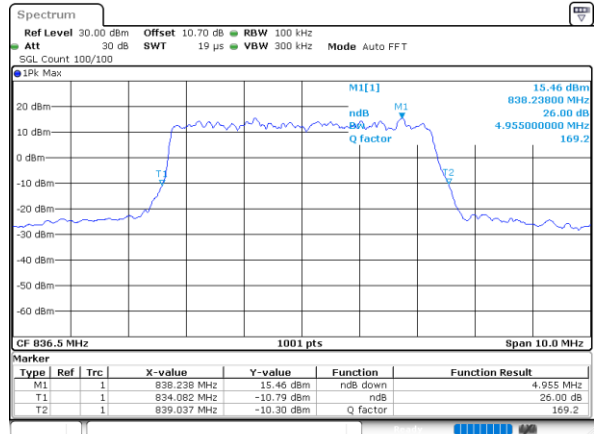
Date: 19\_AUG.2022 14:33:04

Middle Channel / 5MHz / QPSK



Date: 19\_AUG.2022 14:46:56

Middle Channel / 5MHz / 16QAM

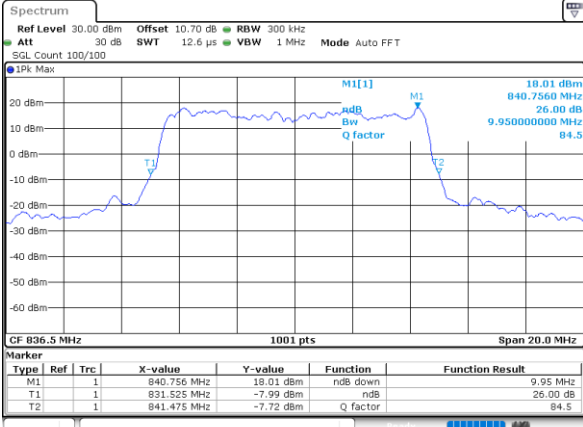


Date: 19\_AUG.2022 14:46:27



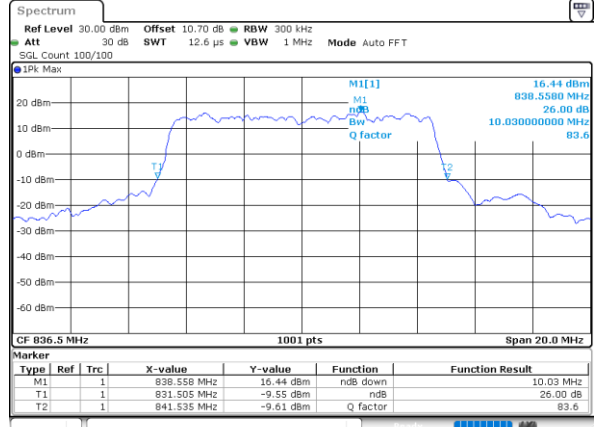
LTE Band 26

Middle Channel / 10MHz / QPSK



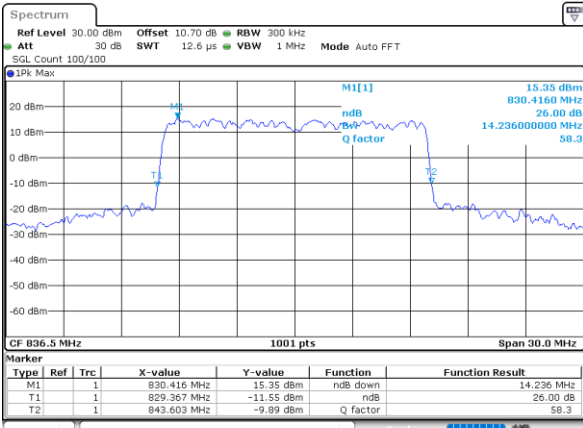
Date: 19\_AUG.2022 15:05:01

Middle Channel / 10MHz / 16QAM



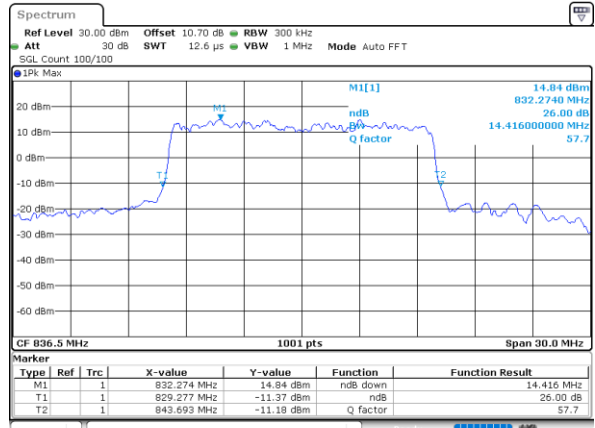
Date: 19\_AUG.2022 15:04:32

Middle Channel / 15MHz / QPSK



Date: 19\_AUG.2022 15:27:40

Middle Channel / 15MHz / 16QAM



Date: 19\_AUG.2022 15:27:11

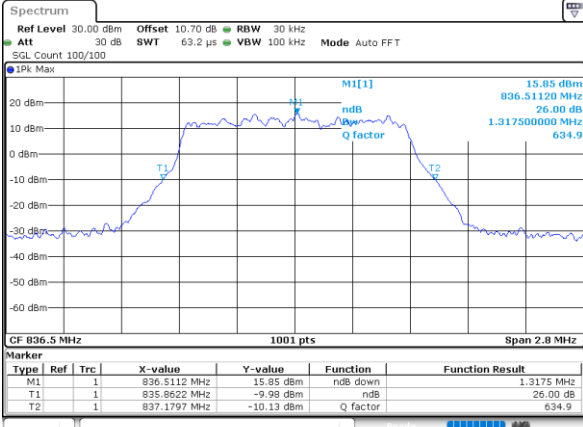
N/A

N/A



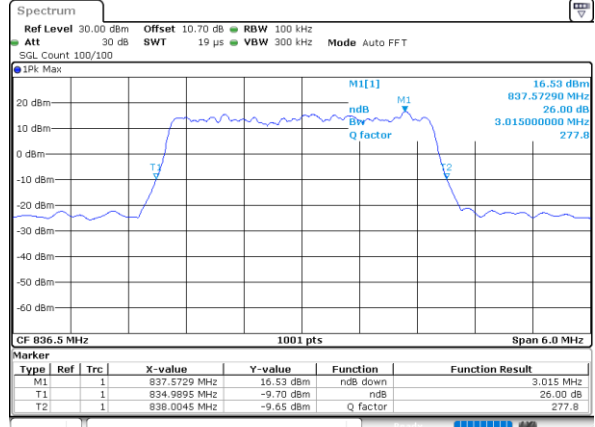
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



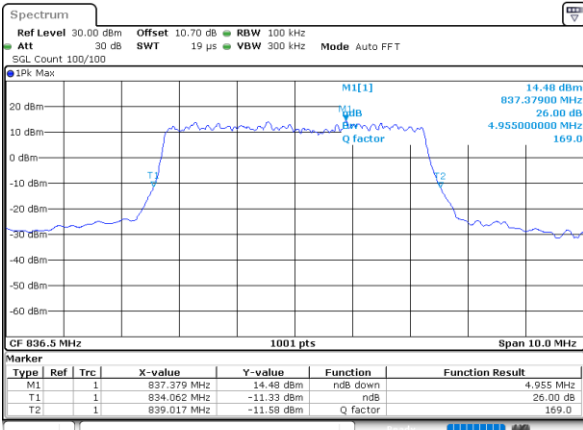
Date: 19\_AUG.2022 14:20:08

Middle Channel / 3MHz / 64QAM



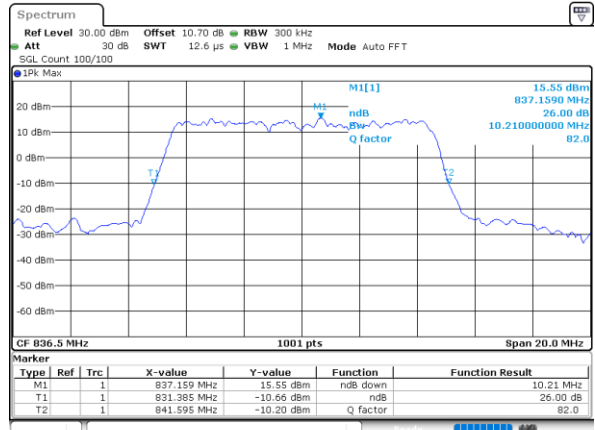
Date: 19\_AUG.2022 14:24:54

Middle Channel / 5MHz / 64QAM



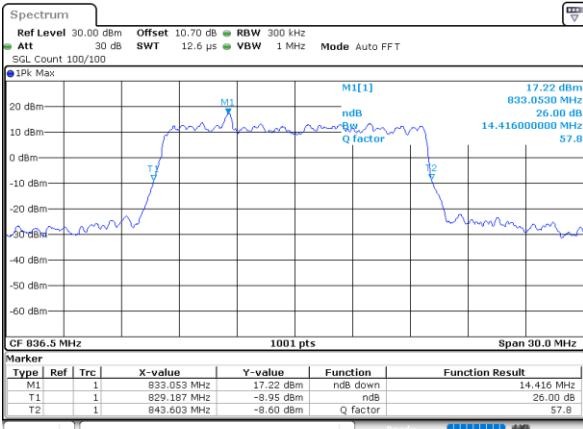
Date: 19\_AUG.2022 14:56:14

Middle Channel / 10MHz / 64QAM



Date: 19\_AUG.2022 15:14:18

Middle Channel / 15MHz / 64QAM



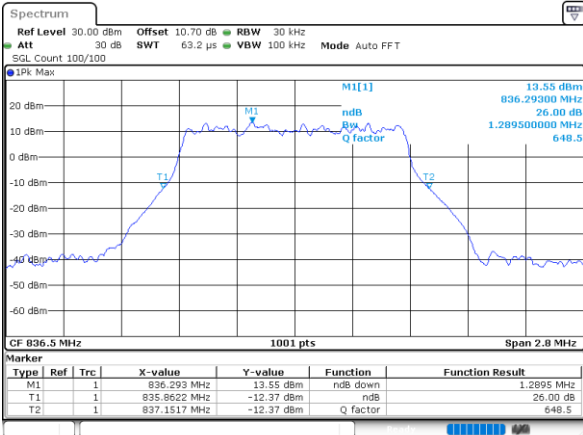
Date: 19\_AUG.2022 15:19:02

N/A



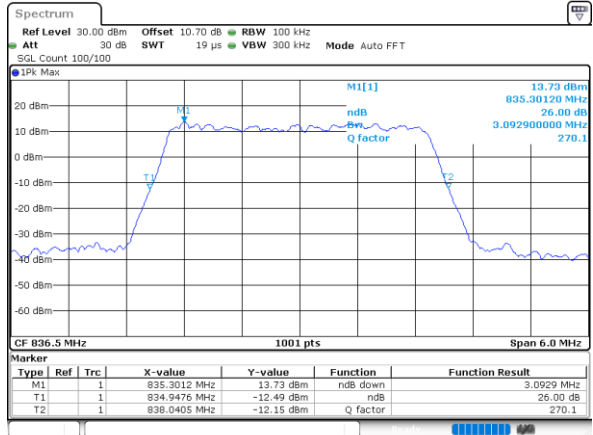
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



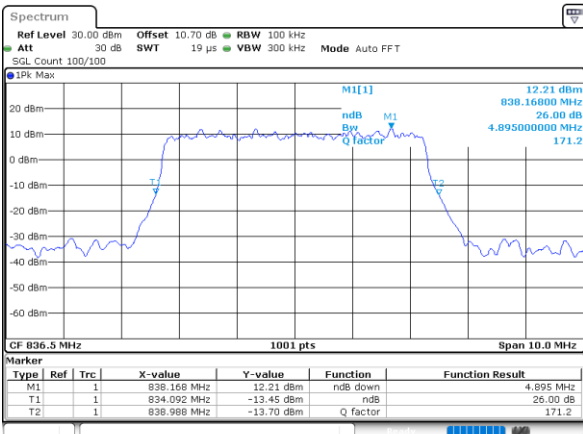
Date: 19\_AUG.2022 15:38:45

Middle Channel / 3MHz / 256QAM



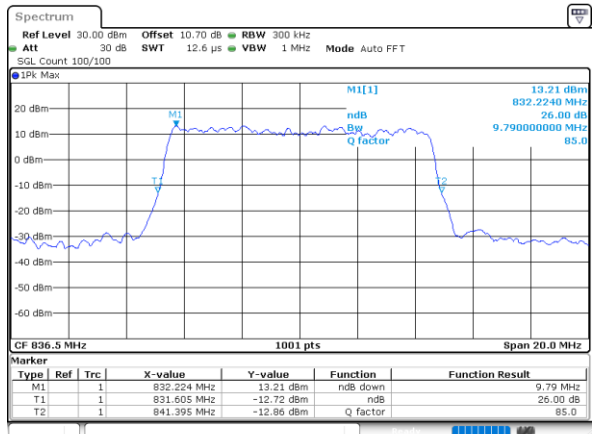
Date: 19\_AUG.2022 15:43:40

Middle Channel / 5MHz / 256QAM



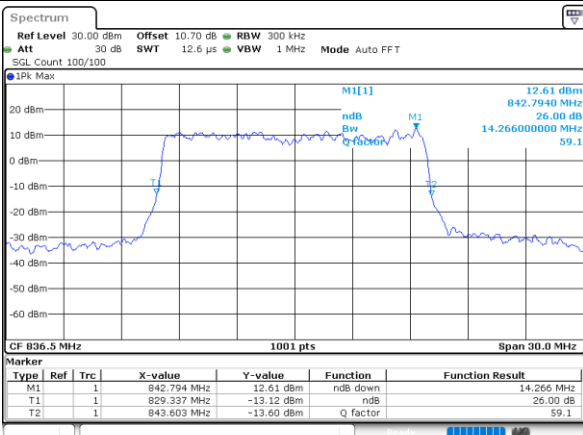
Date: 19\_AUG.2022 15:48:08

Middle Channel / 10MHz / 256QAM



Date: 19\_AUG.2022 15:53:36

Middle Channel / 15MHz / 256QAM



Date: 19\_AUG.2022 15:58:27

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	1.11	1.11	2.74	2.76	4.52	4.49	9.09	9.09	13.46	13.46	-	-
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	1.09	2.77	2.71	4.51	4.50	8.97	9.03	13.49	13.49	-	-