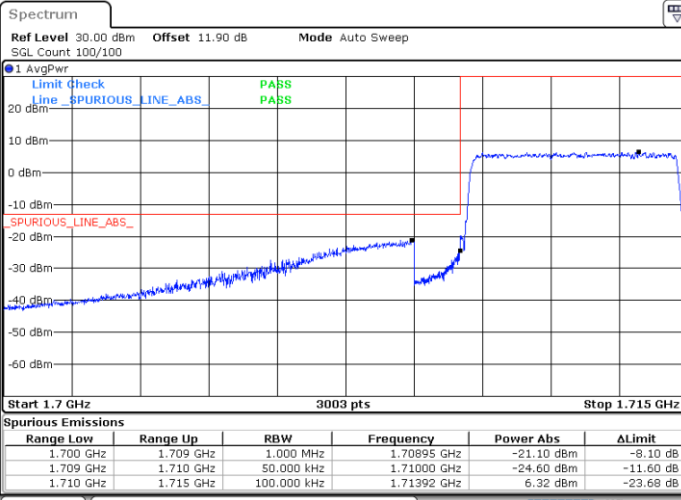




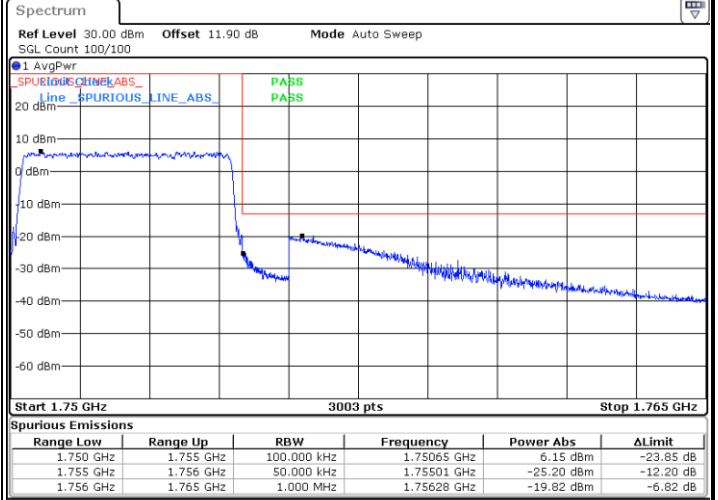
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 02:39:48

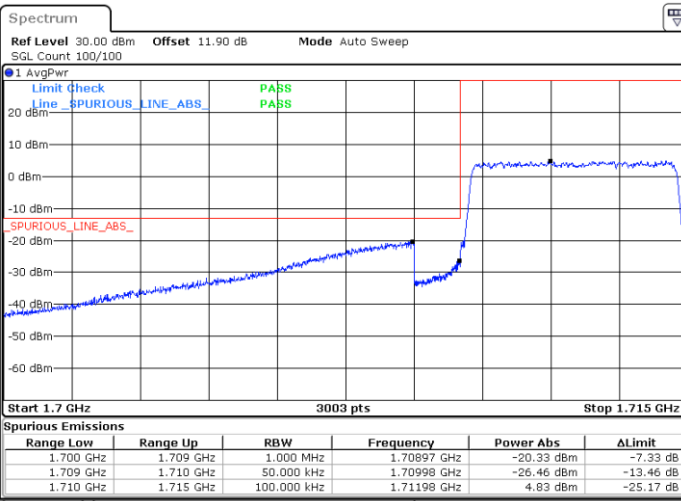
Highest Band Edge / Full RB



Date: 9.AUG.2023 02:44:56

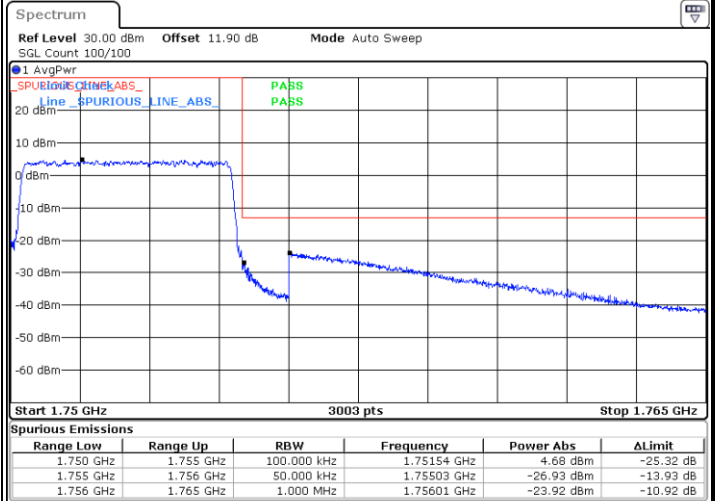
LTE Band 4 / 5MHz / 256QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:37:19

Highest Band Edge / Full RB

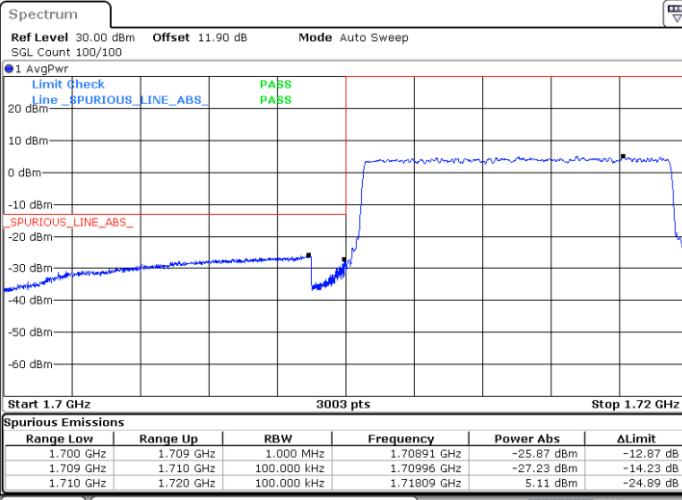


Date: 9.AUG.2023 03:39:01



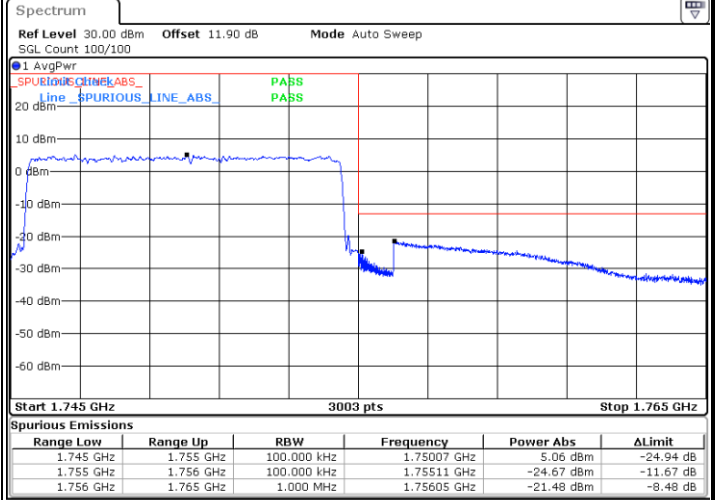
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 9.AUG.2023 02:51:54

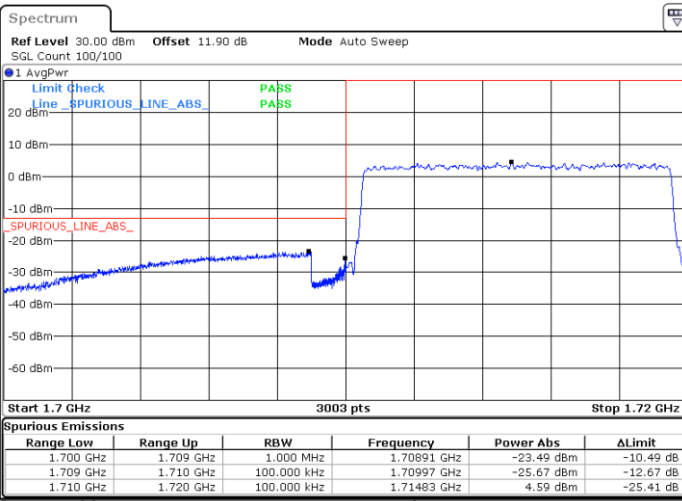
Highest Band Edge / Full RB



Date: 9.AUG.2023 02:55:49

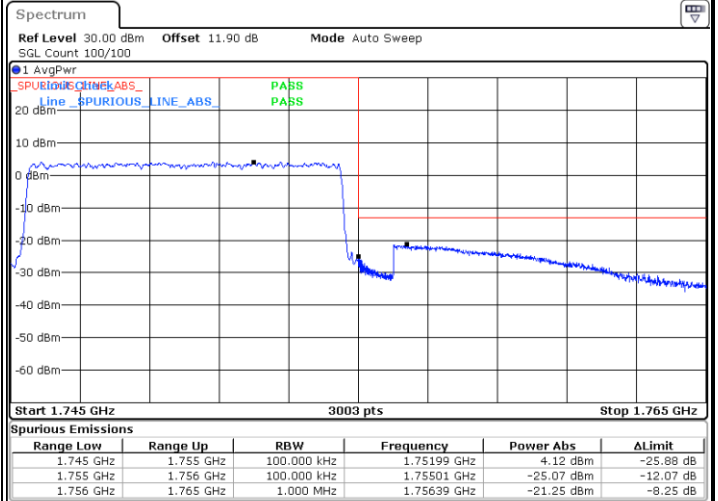
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 02:52:54

Highest Band Edge / Full RB

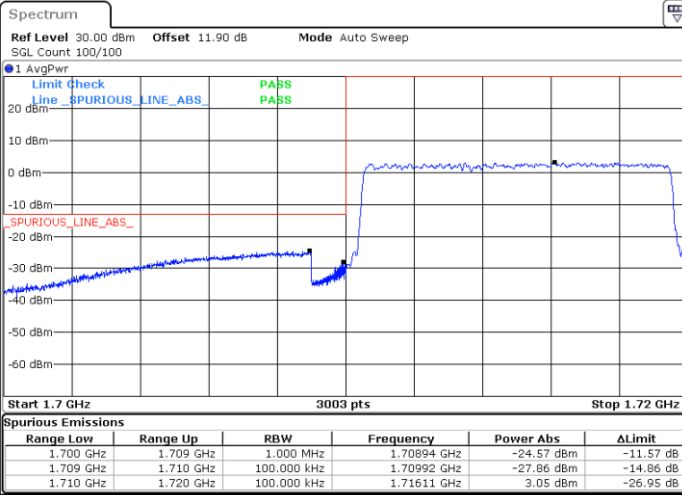


Date: 9.AUG.2023 02:56:49



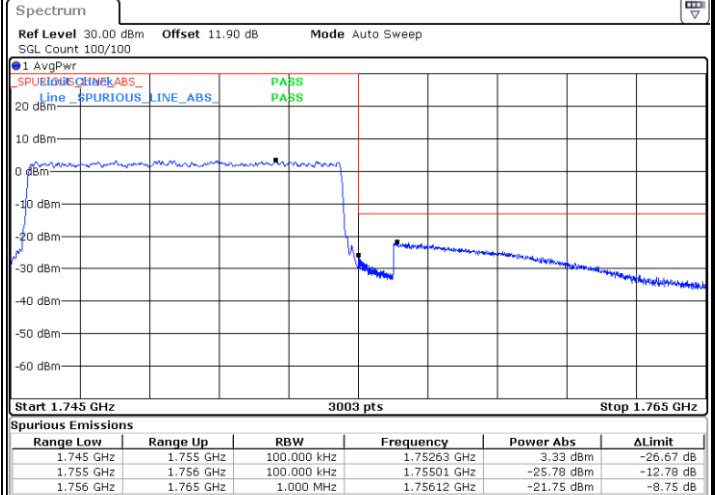
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 02:57:48

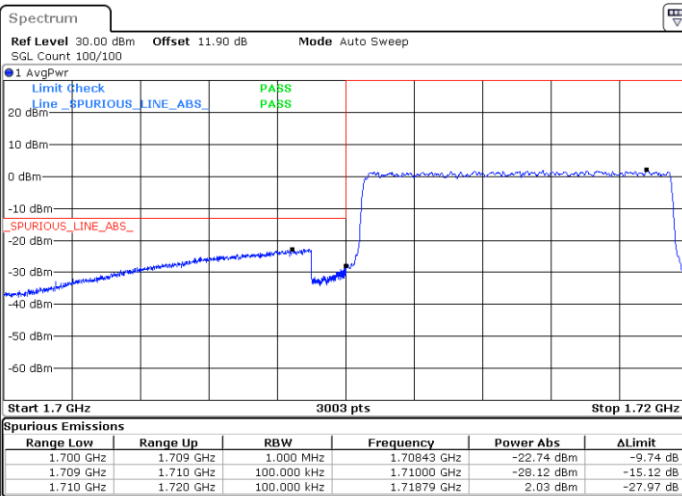
Highest Band Edge / Full RB



Date: 9.AUG.2023 03:02:56

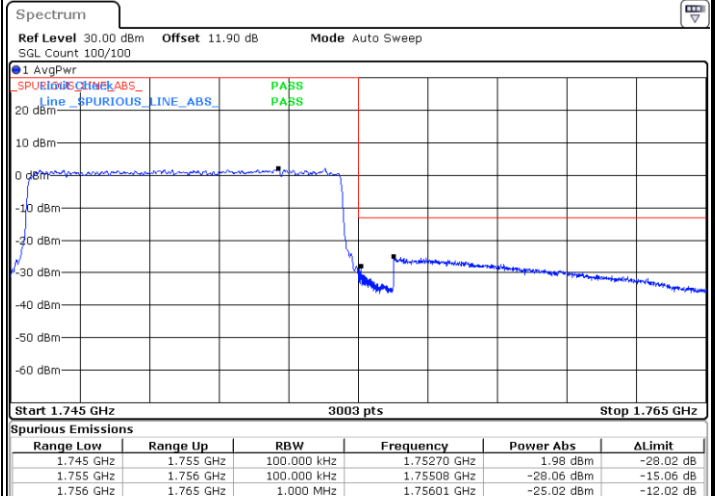
LTE Band 4 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:40:06

Highest Band Edge / Full RB

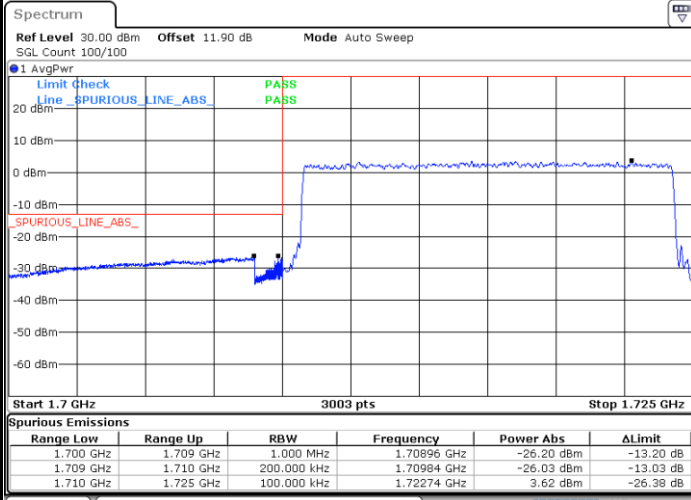


Date: 9.AUG.2023 03:41:49



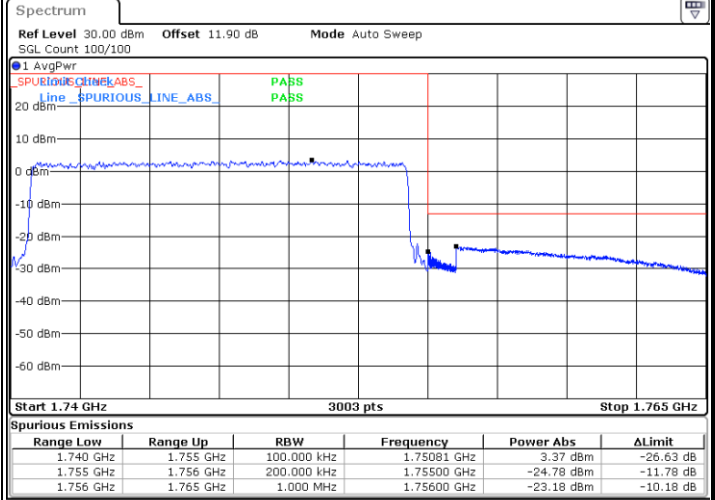
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:04:00

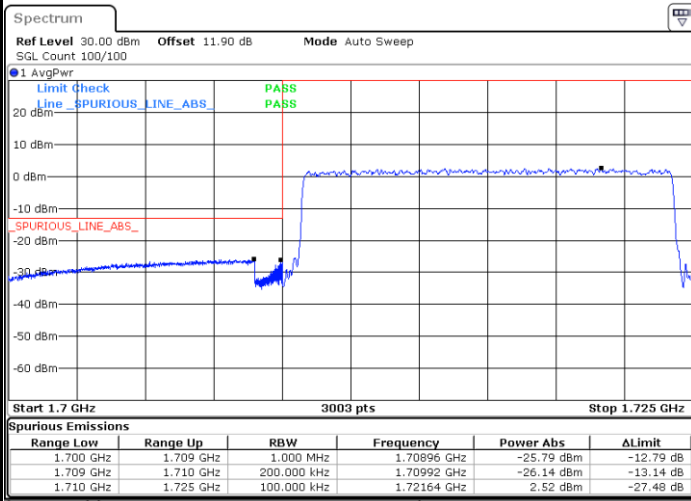
Highest Band Edge / Full RB



Date: 9.AUG.2023 03:11:20

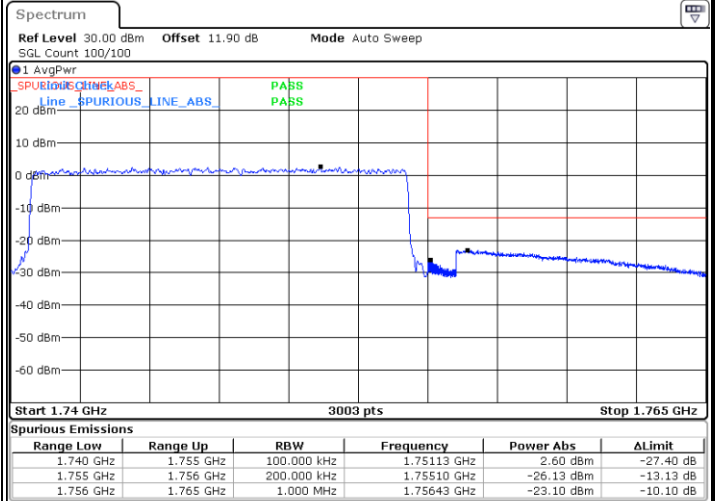
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:05:00

Highest Band Edge / Full RB

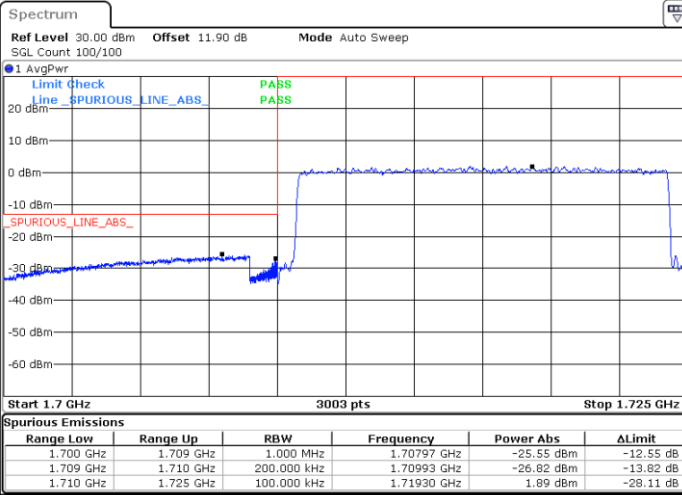


Date: 9.AUG.2023 03:12:20

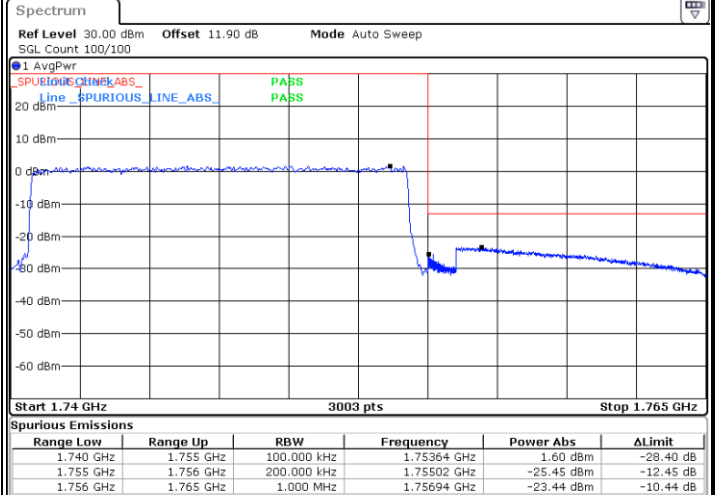


LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / Full RB

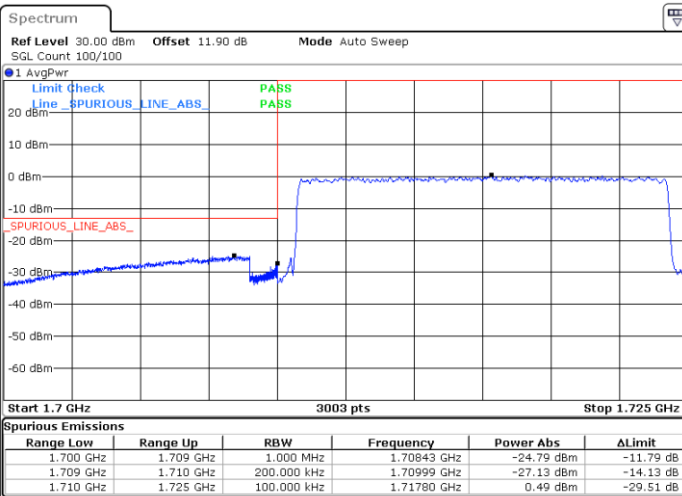


Highest Band Edge / Full RB

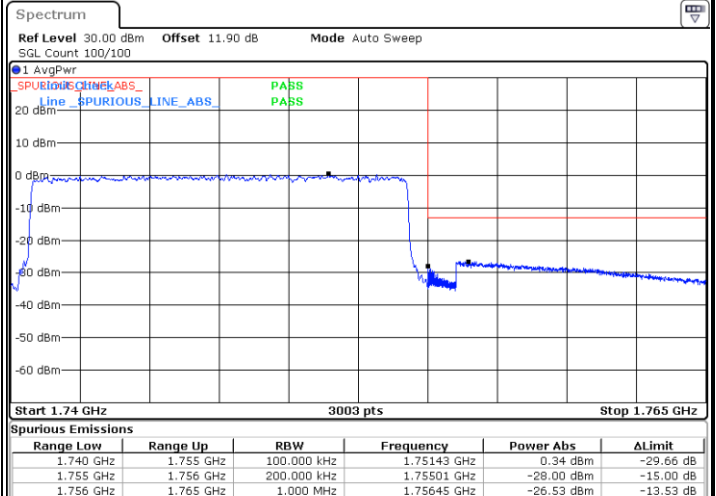


LTE Band 4 / 15MHz / 256QAM

Lowest Band Edge / Full RB



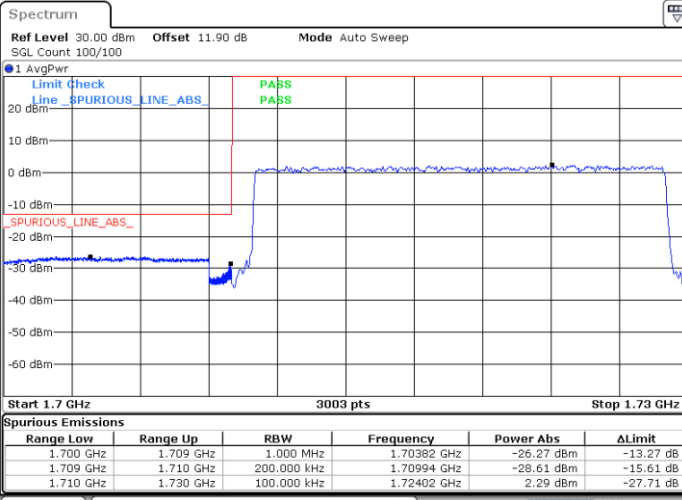
Highest Band Edge / Full RB





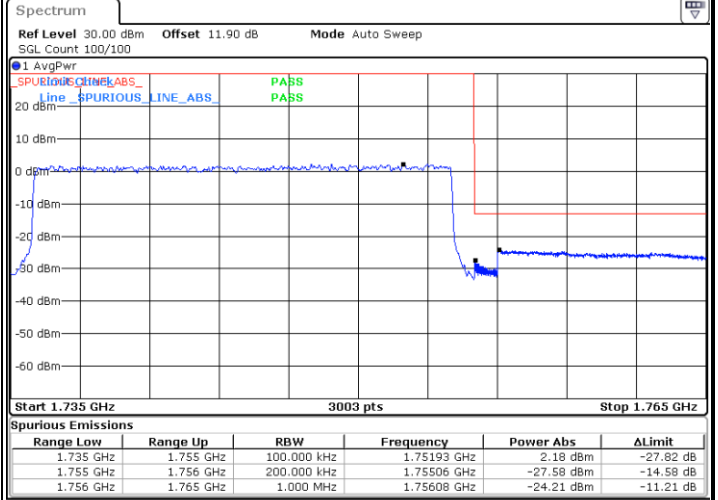
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:16:06

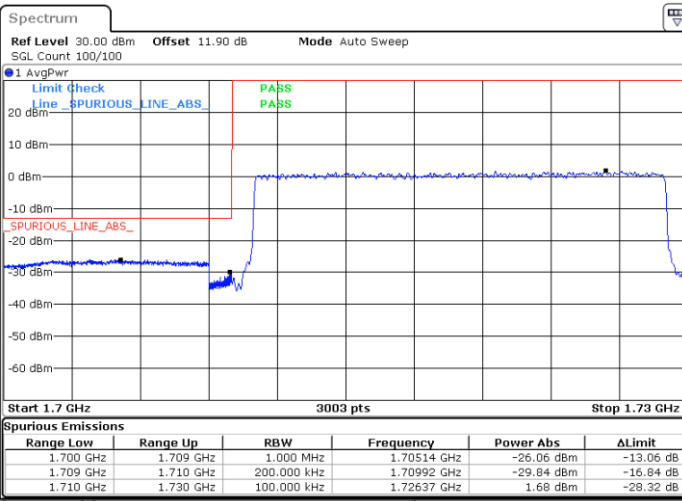
Highest Band Edge / Full RB



Date: 9.AUG.2023 03:23:25

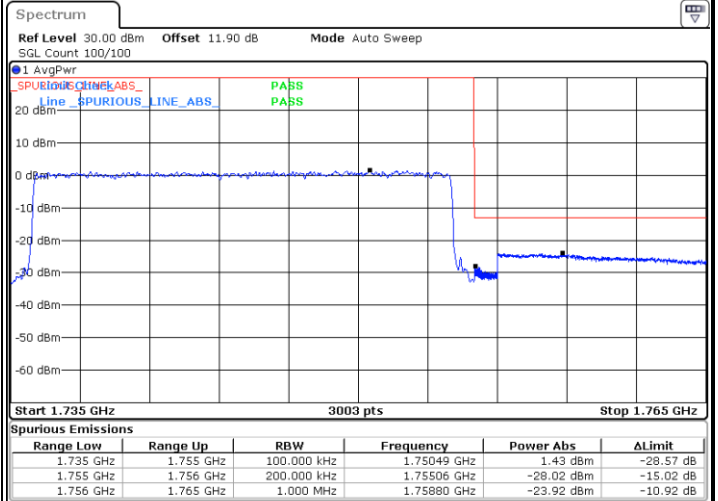
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:17:05

Highest Band Edge / Full RB

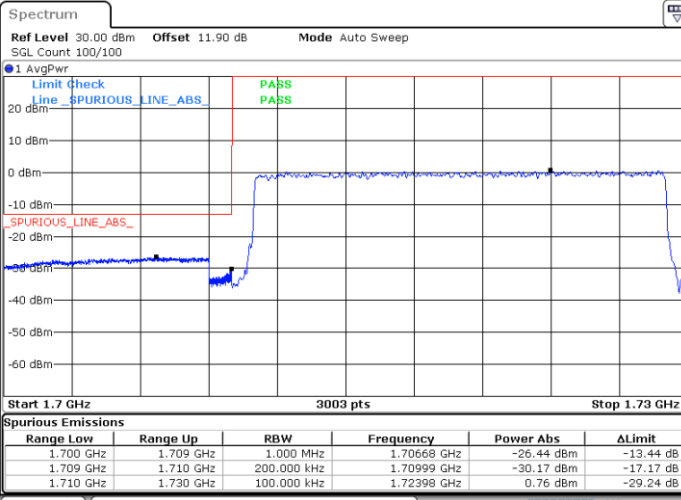


Date: 9.AUG.2023 03:24:25



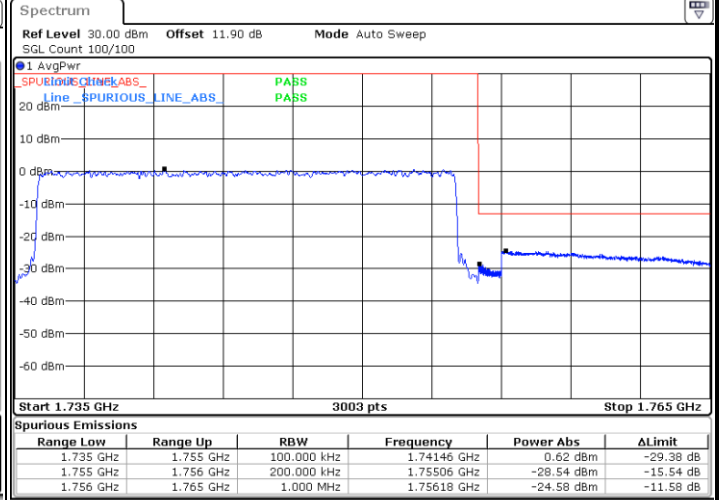
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:25:25

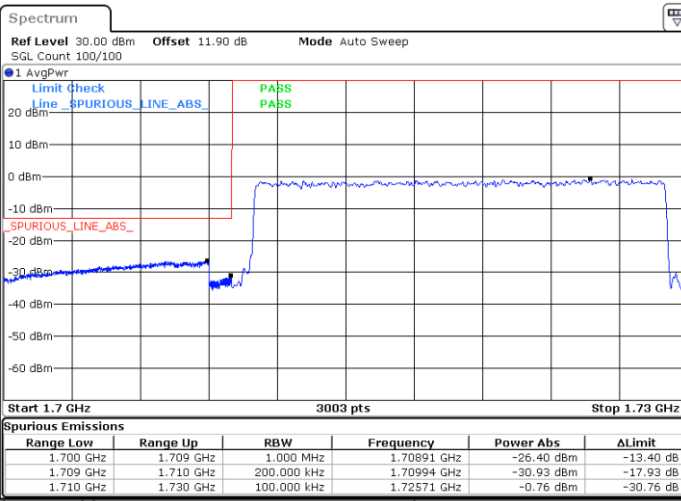
Highest Band Edge / Full RB



Date: 9.AUG.2023 03:27:07

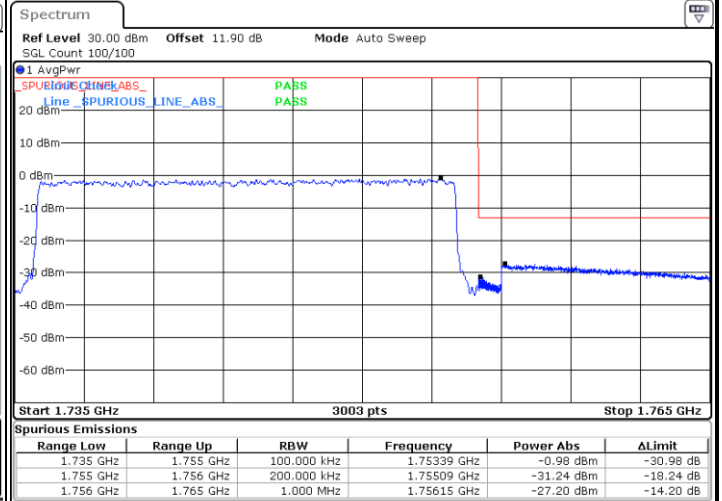
LTE Band 4 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 9.AUG.2023 03:45:40

Highest Band Edge / Full RB



Date: 9.AUG.2023 03:47:23

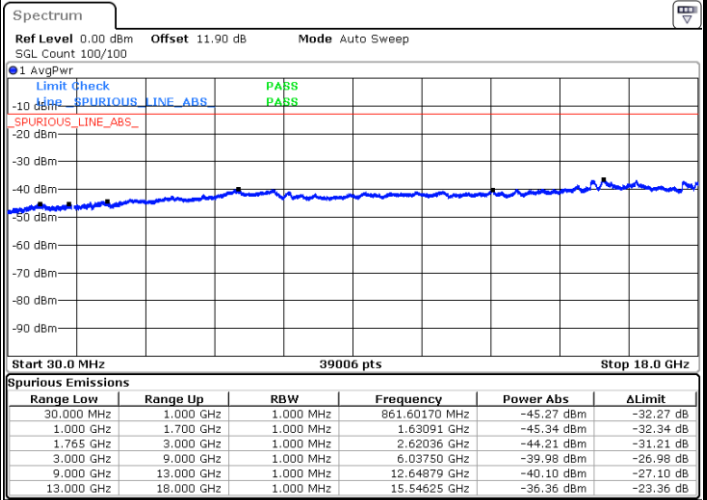
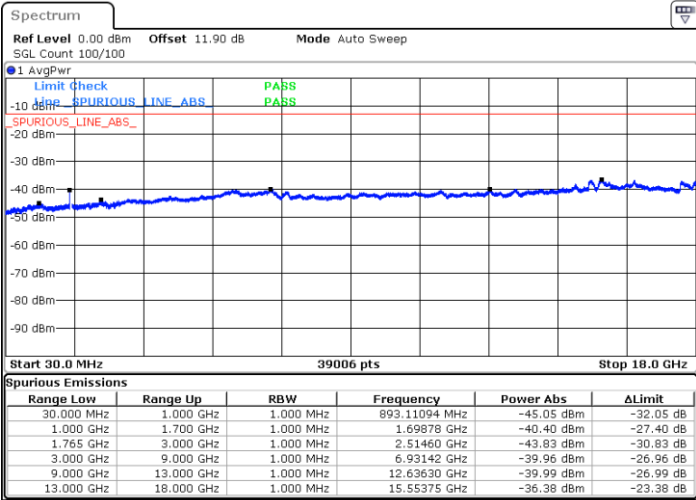


Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

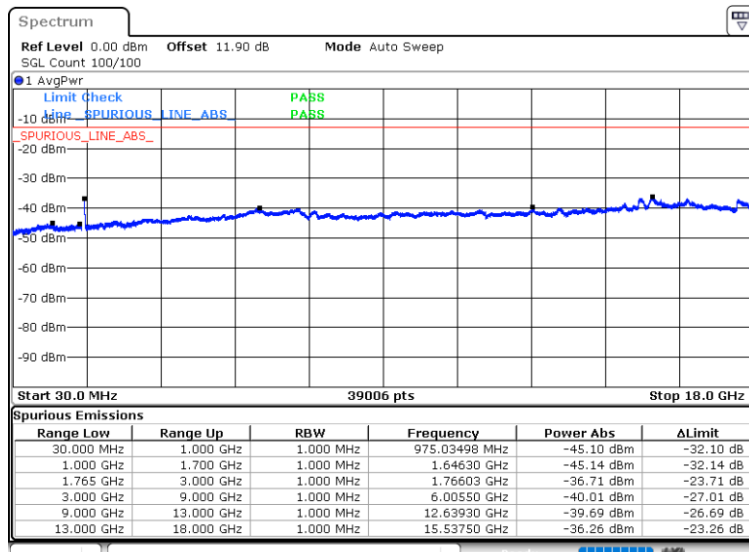
Middle Channel / QPSK



Date: 9.AUG.2023 01:58:58

Date: 9.AUG.2023 02:02:02

Highest Channel / QPSK



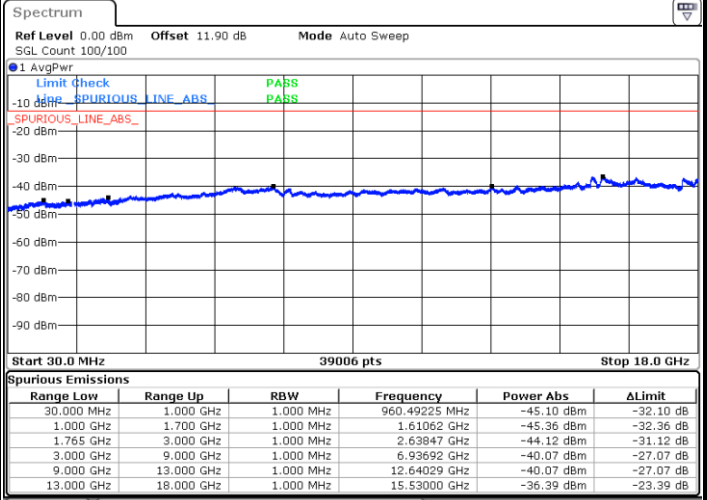
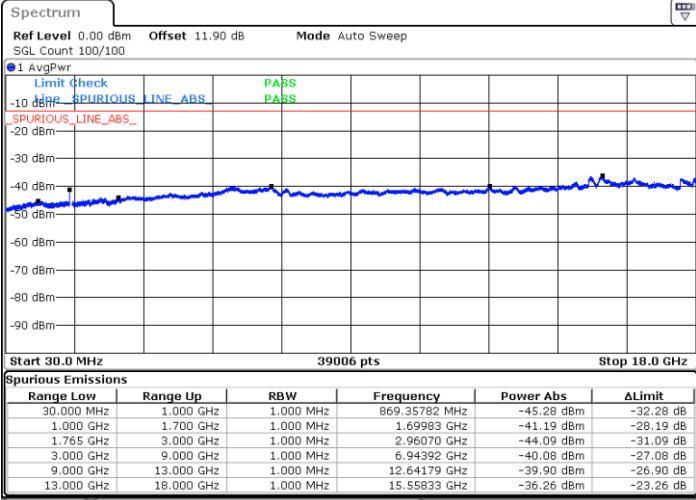
Date: 9.AUG.2023 02:21:55



LTE Band 4 / 3MHz

Lowest Channel / QPSK

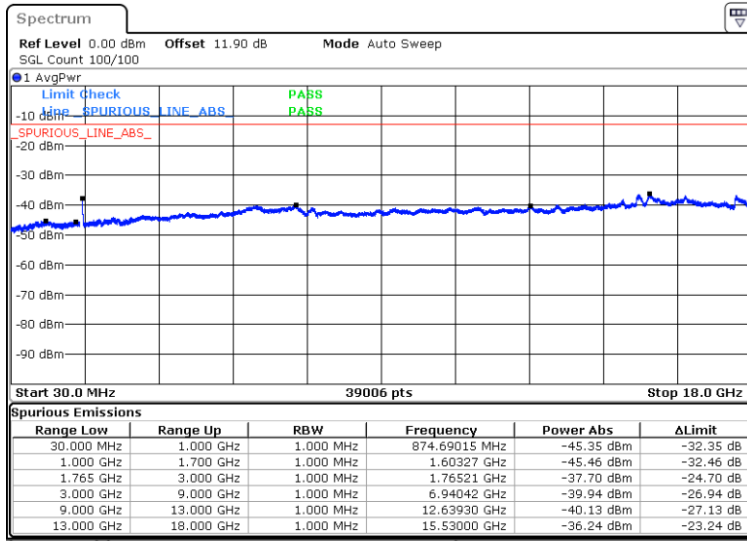
Middle Channel / QPSK



Date: 9.AUG.2023 02:30:49

Date: 9.AUG.2023 02:31:57

Highest Channel / QPSK



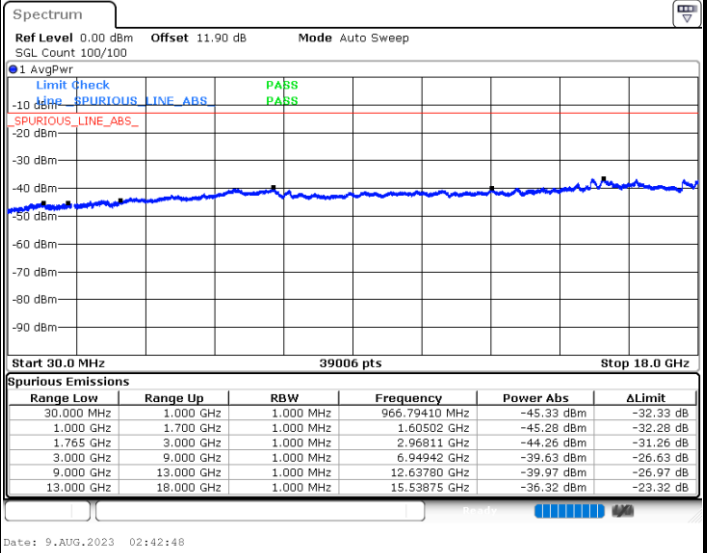
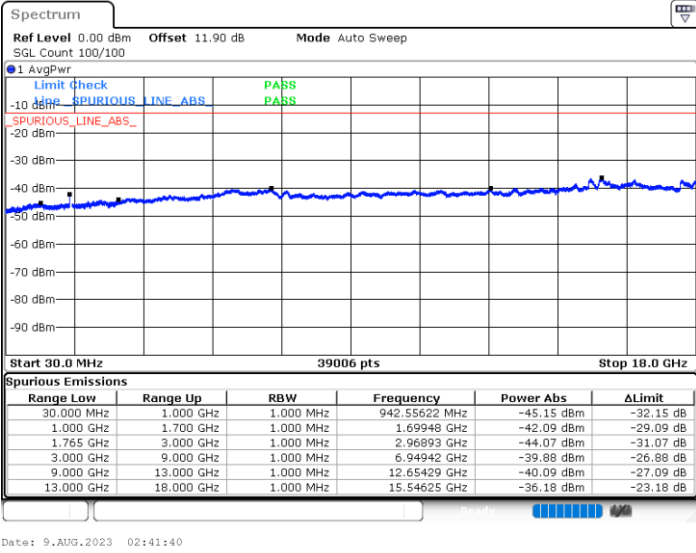
Date: 9.AUG.2023 02:33:05



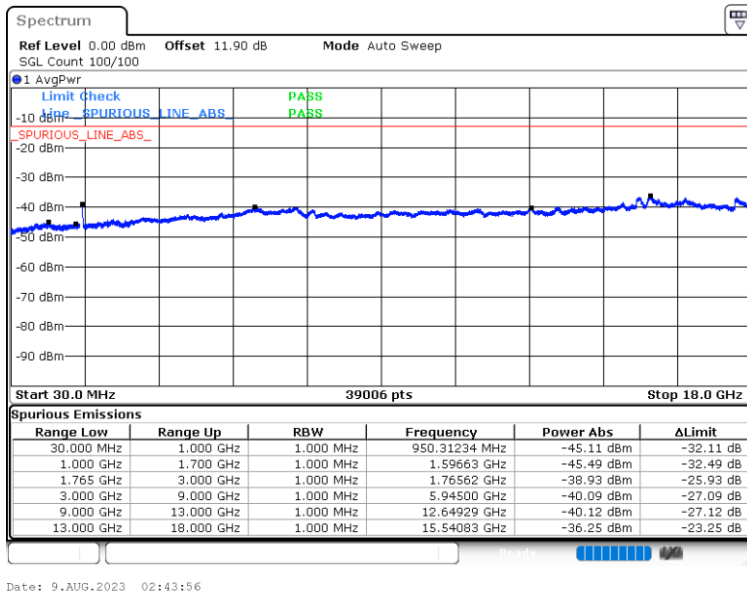
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

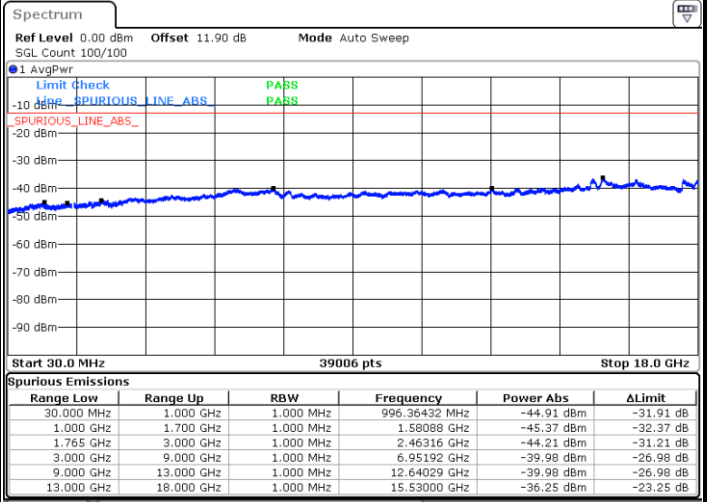
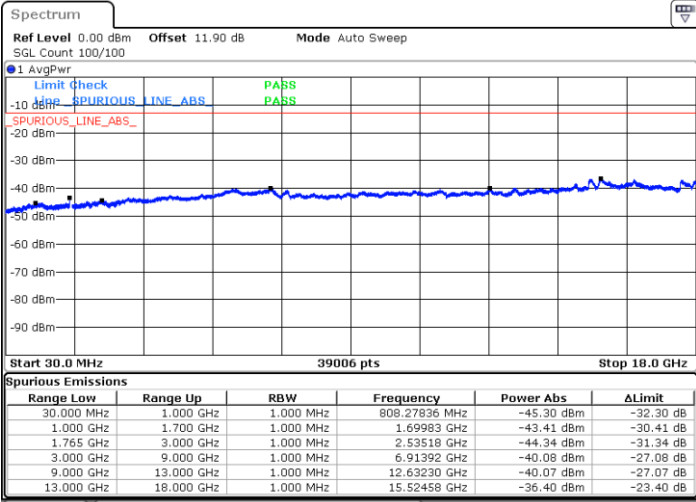




LTE Band 4 / 10MHz

Lowest Channel / QPSK

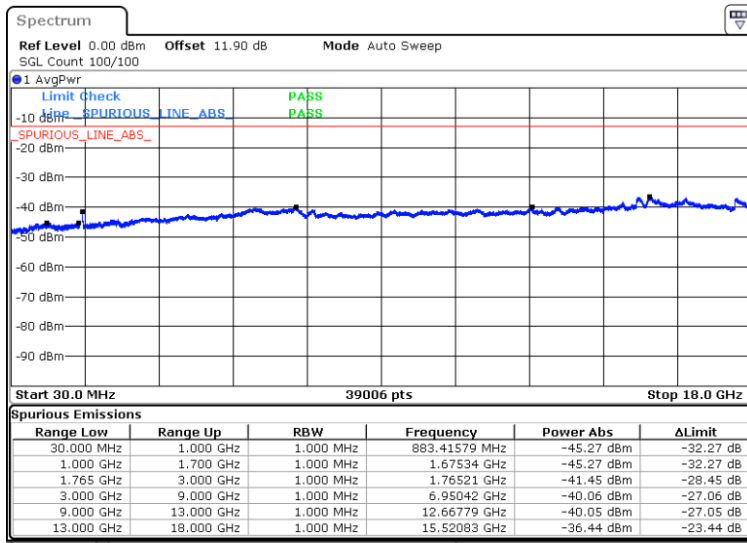
Middle Channel / QPSK



Date: 9.AUG.2023 02:59:40

Date: 9.AUG.2023 03:00:49

Highest Channel / QPSK



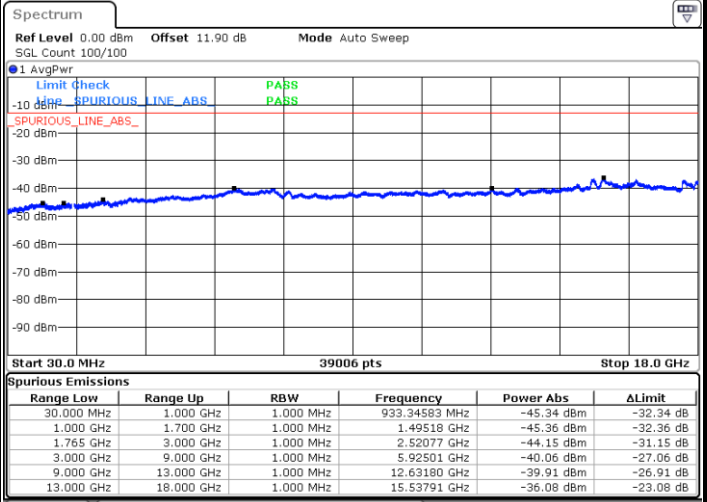
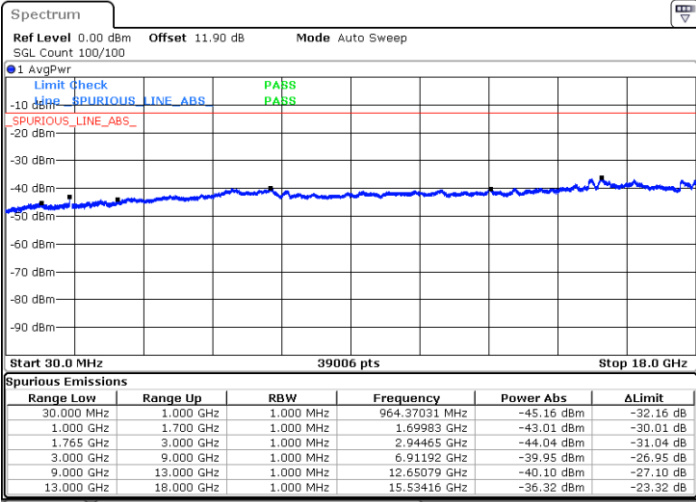
Date: 9.AUG.2023 03:01:56



LTE Band 4 / 15MHz

Lowest Channel / QPSK

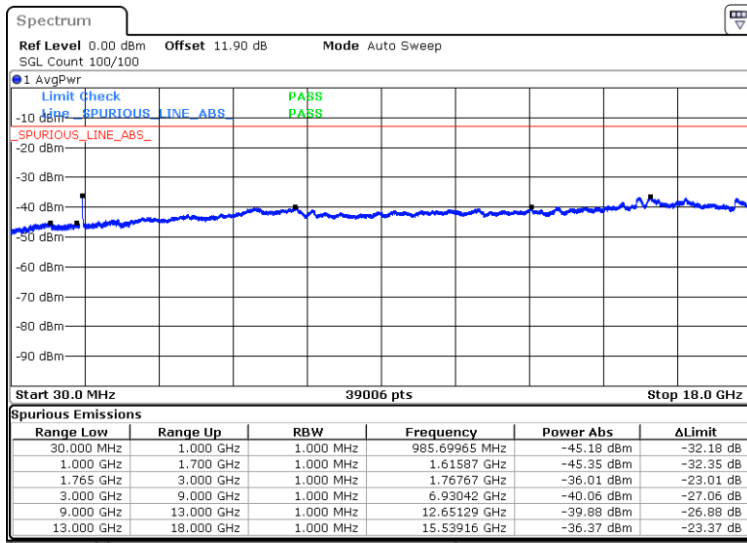
Middle Channel / QPSK



Date: 9.AUG.2023 03:08:05

Date: 9.AUG.2023 03:09:13

Highest Channel / QPSK



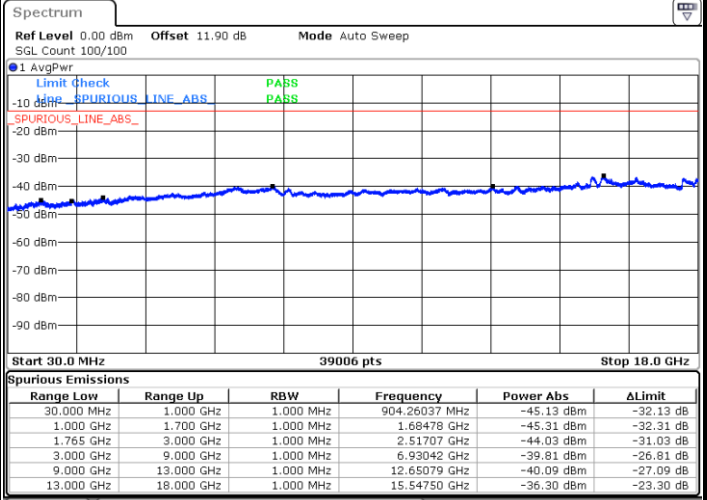
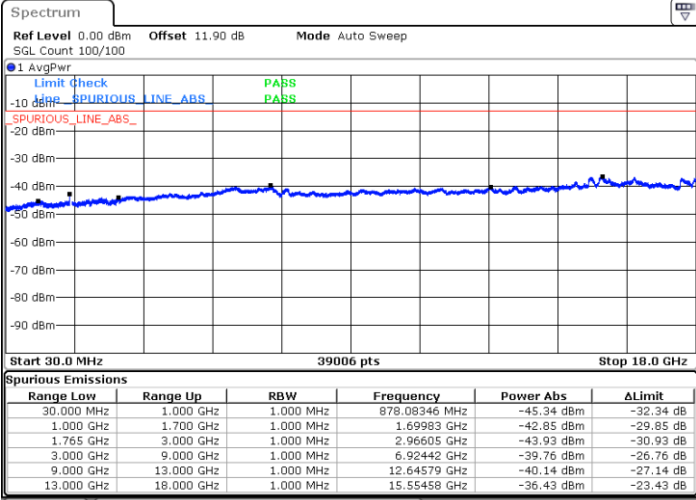
Date: 9.AUG.2023 03:10:21



LTE Band 4 / 20MHz

Lowest Channel / QPSK

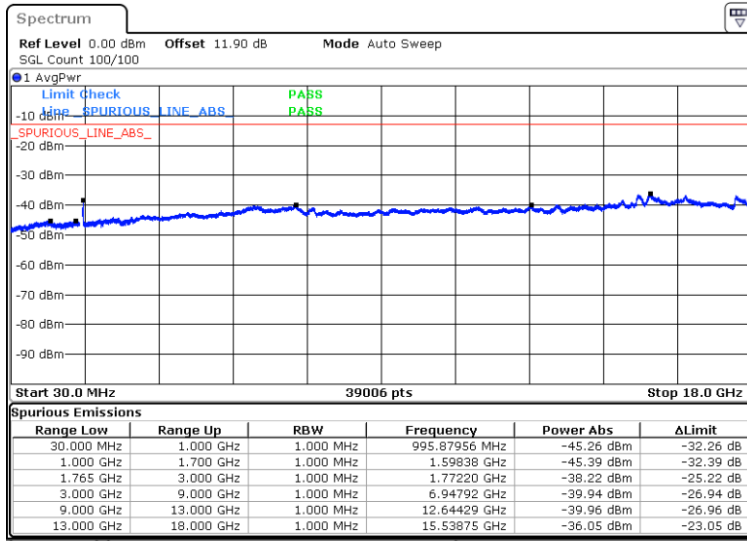
Middle Channel / QPSK



Date: 9.AUG.2023 03:20:10

Date: 9.AUG.2023 03:21:18

Highest Channel / QPSK



Date: 9.AUG.2023 03:22:26



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0088	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0089	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0081	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0072	

Note:

- 1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.97	25.28	30.63	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.33	35.18	39.80	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.33	25.18	31.35	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	34.90	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.28	30.69	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.11	40.60	

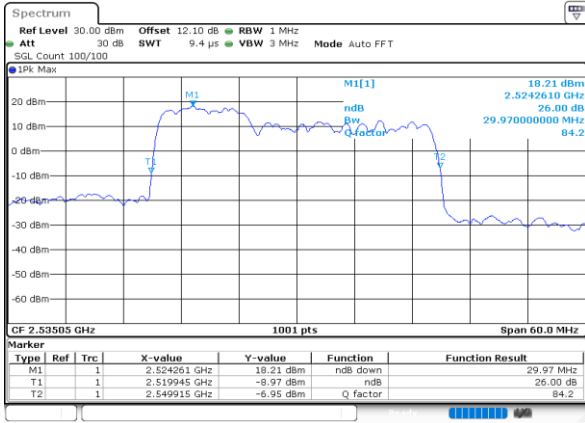
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.97	25.18	30.75	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.69	34.76	39.88	



LTE Band 7C

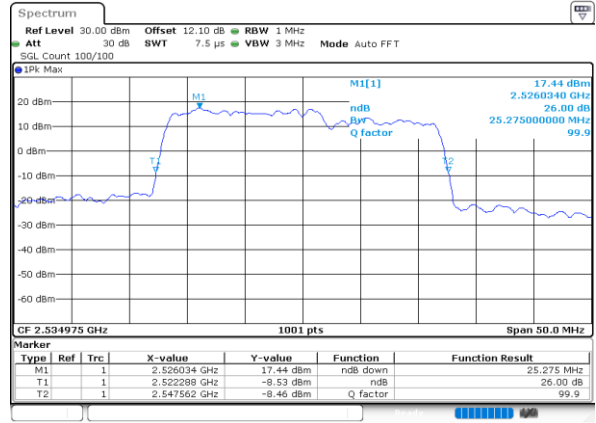
QPSK

Middle Channel / 10MHz+20MHz



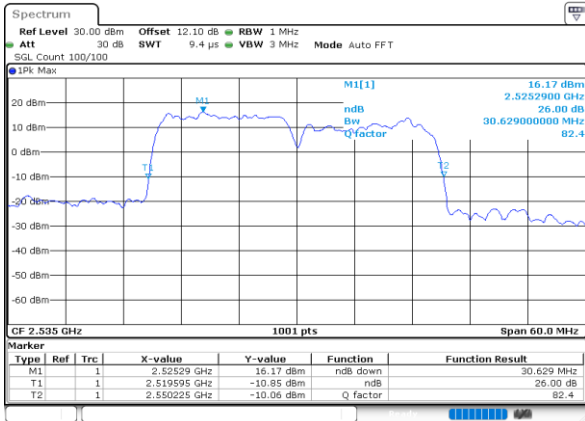
Date: 22.AUG.2023 22:14:53

Middle Channel / 15MHz+10MHz



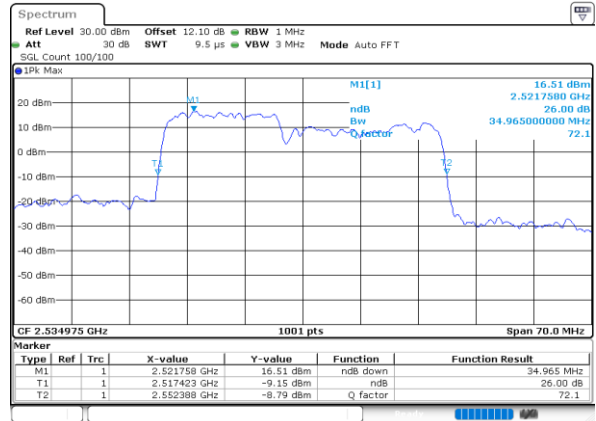
Date: 22.AUG.2023 22:17:22

Middle Channel / 15MHz+15MHz



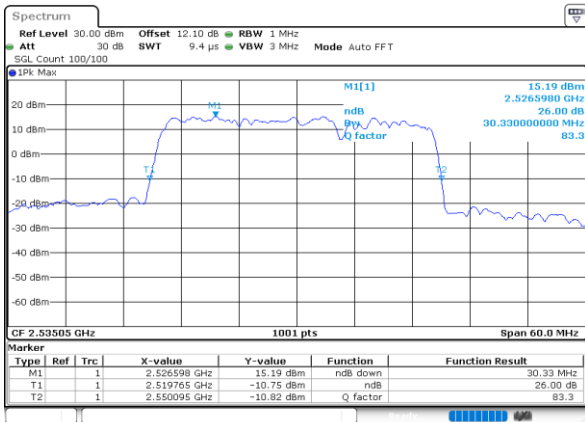
Date: 22.AUG.2023 22:21:59

Middle Channel / 15MHz+20MHz



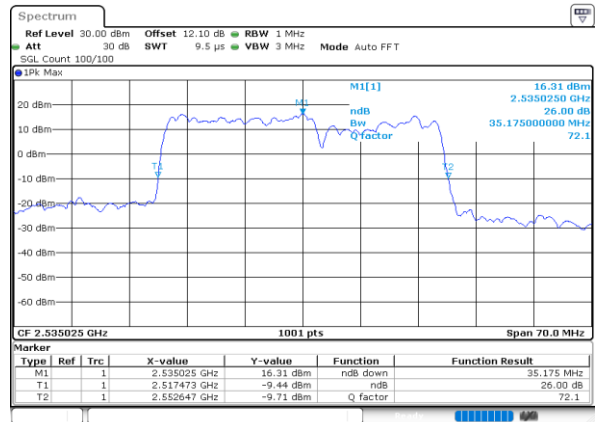
Date: 22.AUG.2023 22:25:53

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:19:41

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:29:40

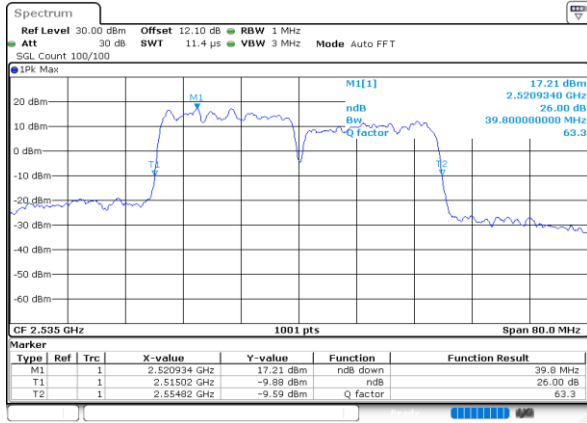


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

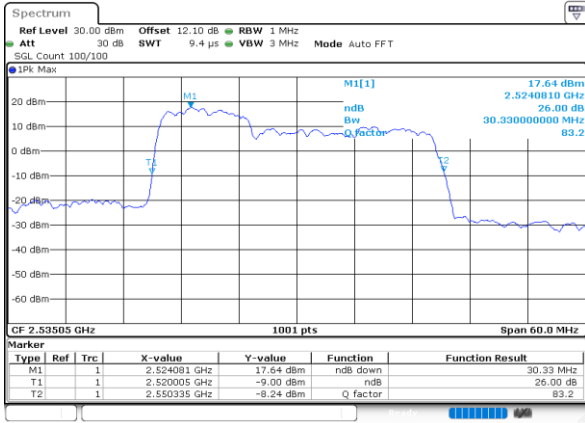




LTE Band 7C

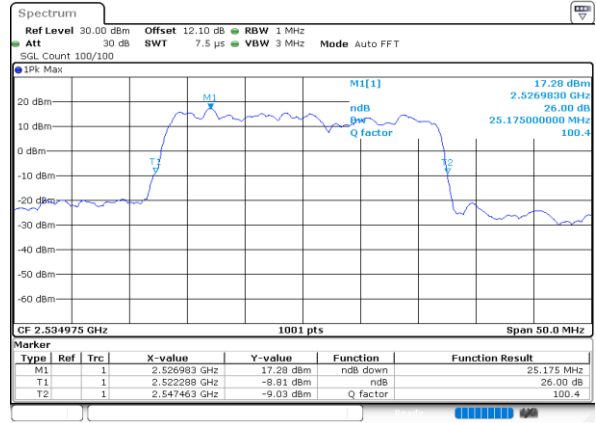
16QAM

Middle Channel / 10MHz+20MHz



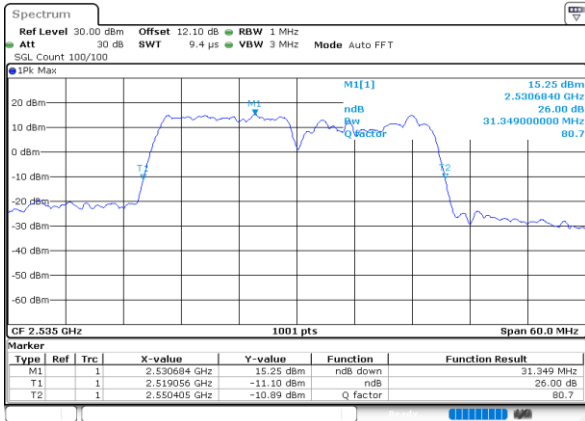
Date: 22.AUG.2023 22:14:17

Middle Channel / 15MHz+10MHz



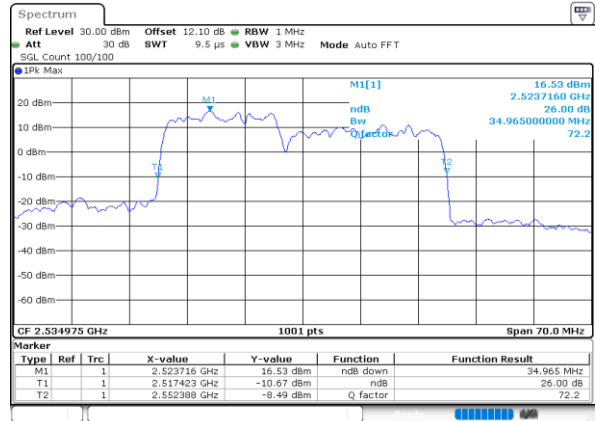
Date: 22.AUG.2023 22:16:45

Middle Channel / 15MHz+15MHz



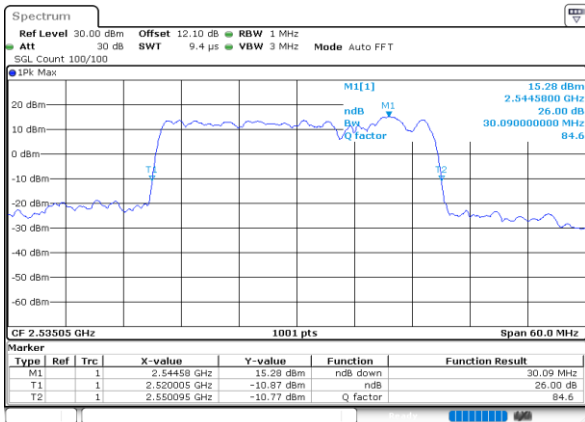
Date: 22.AUG.2023 22:21:27

Middle Channel / 15MHz+20MHz



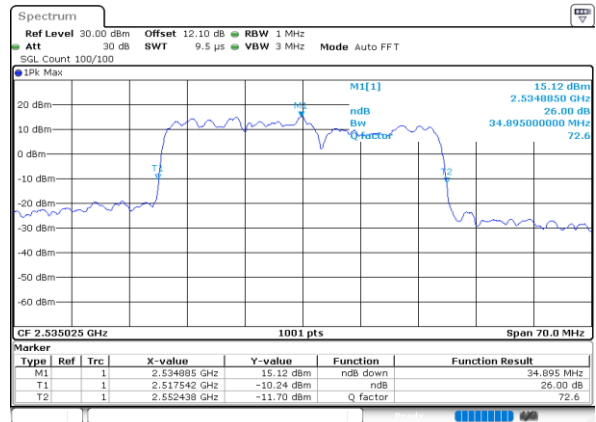
Date: 22.AUG.2023 22:25:16

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:18:05

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:29:04

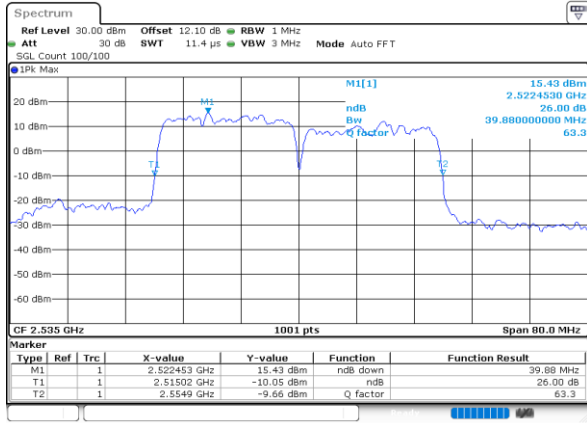


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

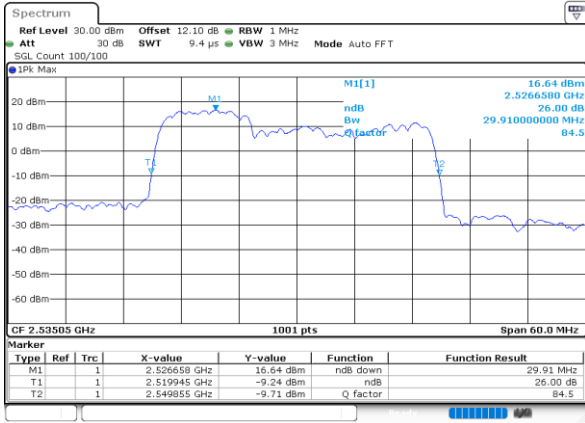




LTE Band 7C

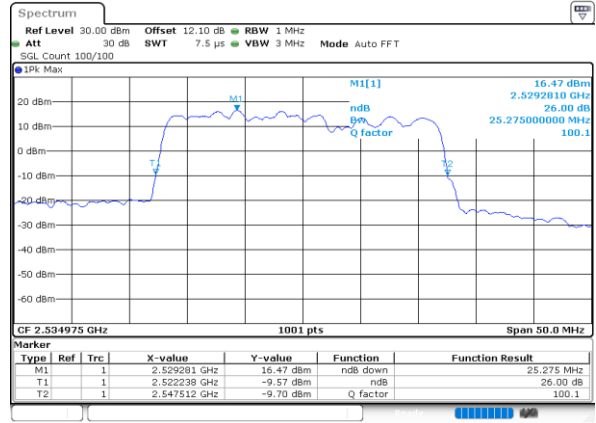
64QAM

Middle Channel / 10MHz+20MHz



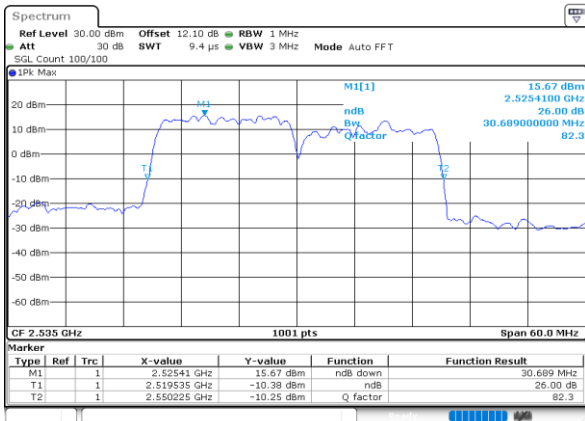
Date: 22.AUG.2023 22:13:41

Middle Channel / 15MHz+10MHz



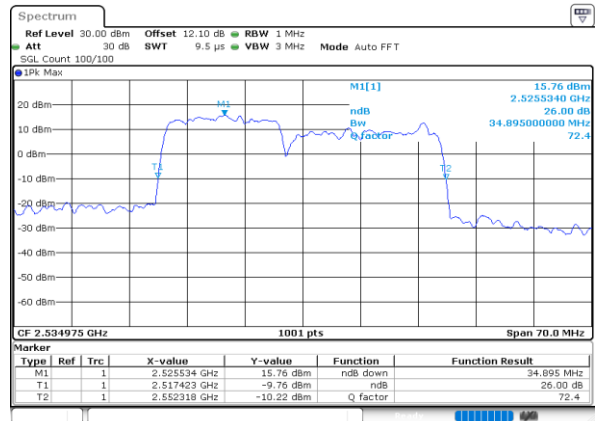
Date: 22.AUG.2023 22:16:09

Middle Channel / 15MHz+15MHz



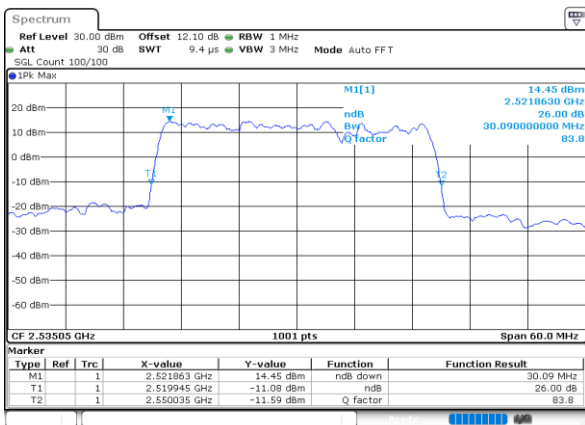
Date: 22.AUG.2023 22:20:55

Middle Channel / 15MHz+20MHz



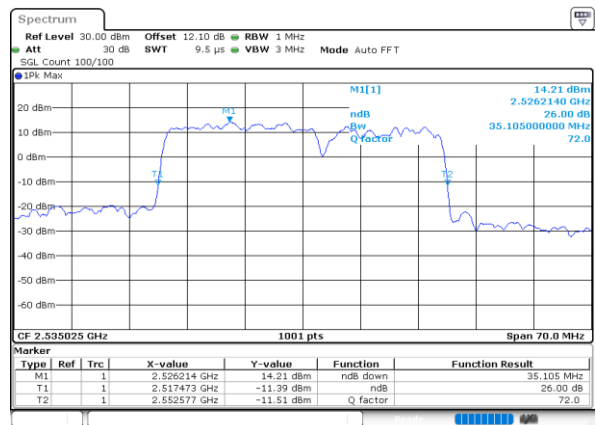
Date: 22.AUG.2023 22:24:40

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:17:28

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:28:27

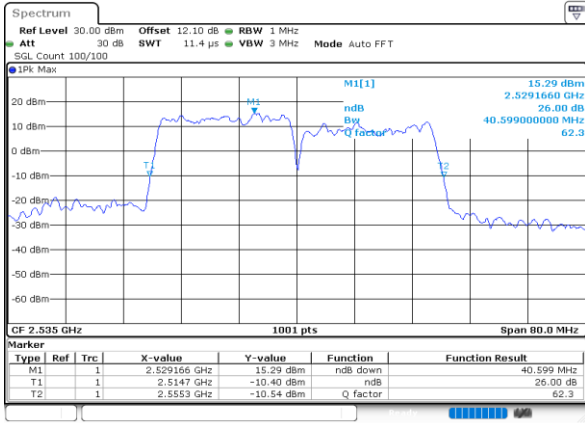


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A

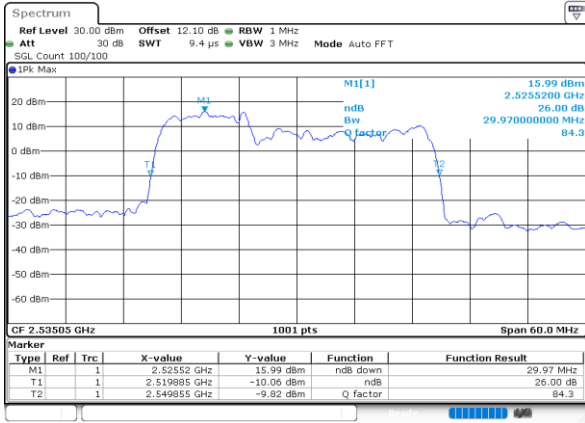




LTE Band 7C

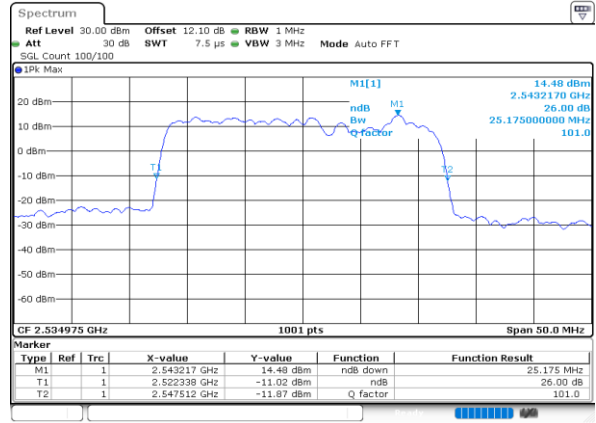
256QAM

Middle Channel / 10MHz+20MHz



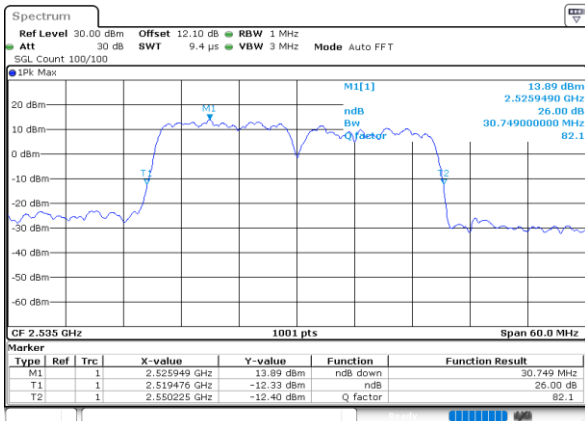
Date: 22.AUG.2023 22:38:44

Middle Channel / 15MHz+10MHz



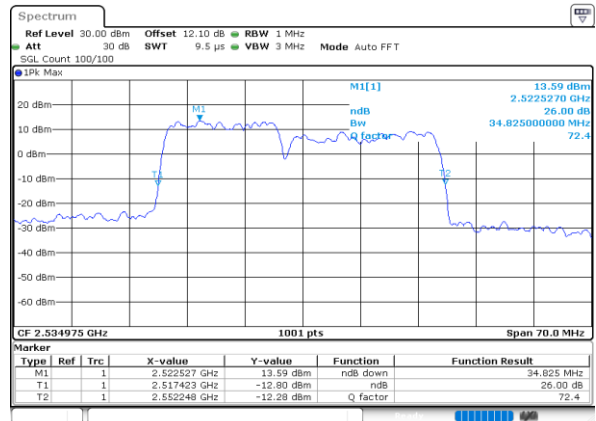
Date: 22.AUG.2023 22:46:30

Middle Channel / 15MHz+15MHz



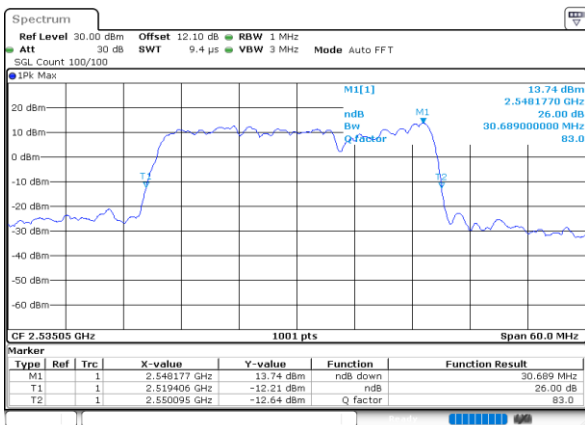
Date: 22.AUG.2023 22:41:17

Middle Channel / 15MHz+20MHz



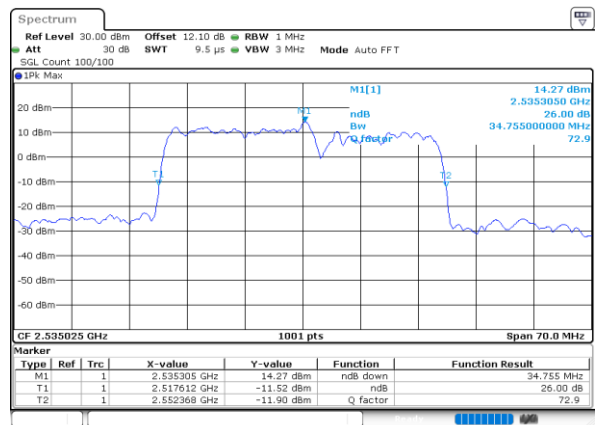
Date: 22.AUG.2023 22:42:37

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:40:06

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:43:59

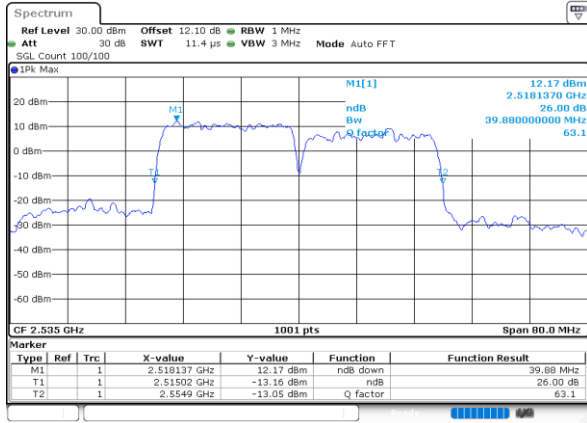


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A





Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.11	23.43	28.53	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.87	37.64	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.11	23.28	28.83	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.94	37.96	

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.68	28.77	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.29	32.66	37.80	

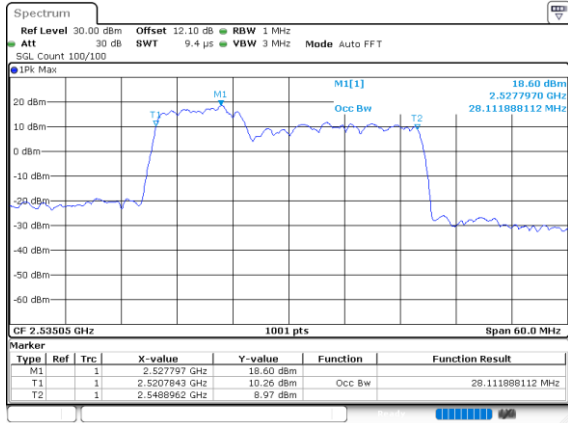
Mode	LTE Band 7C : 99%OBW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.87	23.53	28.41	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	33.08	37.56	



LTE Band 7C

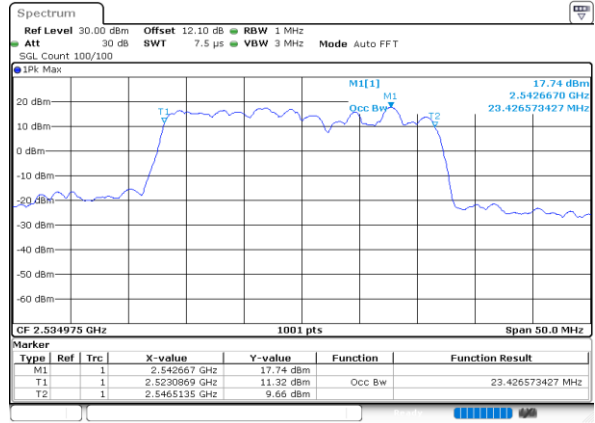
QPSK

Middle Channel / 10MHz+20MHz



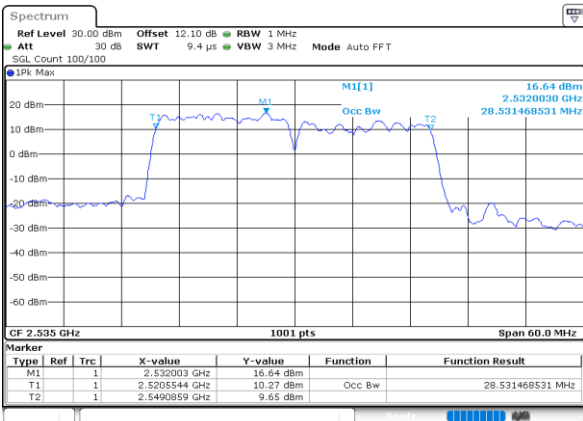
Date: 23.AUG.2023 02:07:41

Middle Channel / 15MHz+10MHz



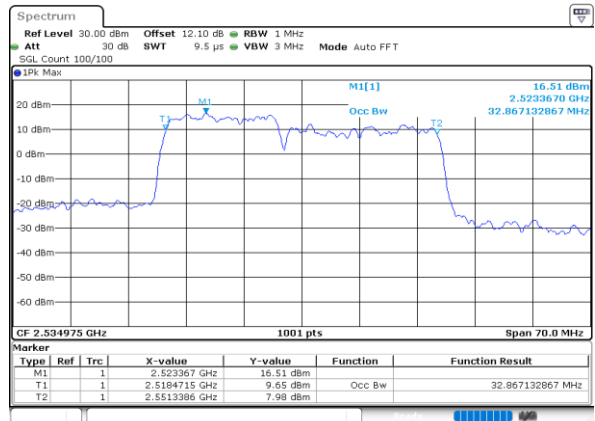
Date: 22.AUG.2023 22:14:20

Middle Channel / 15MHz+15MHz



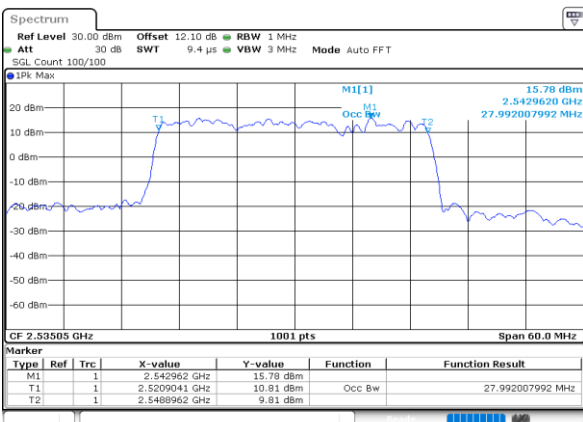
Date: 22.AUG.2023 22:19:22

Middle Channel / 15MHz+20MHz



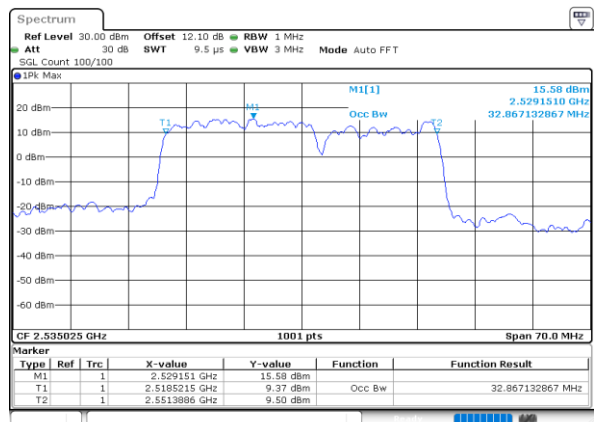
Date: 22.AUG.2023 22:12:51

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:15:39

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:12:139

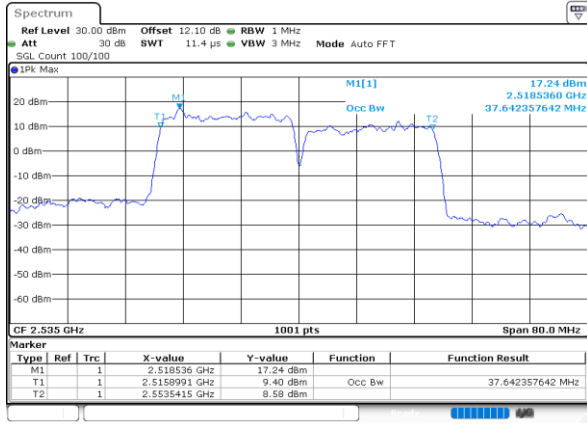


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

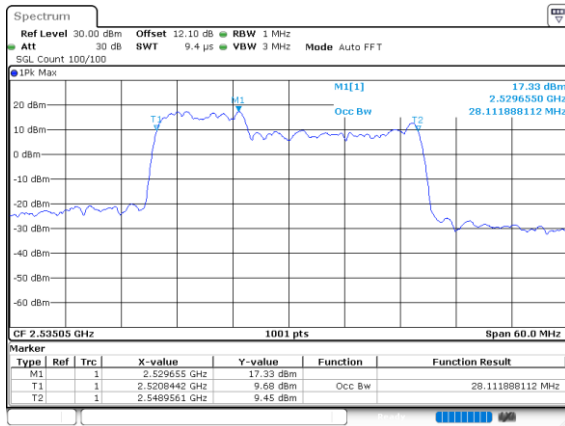




LTE Band 7C

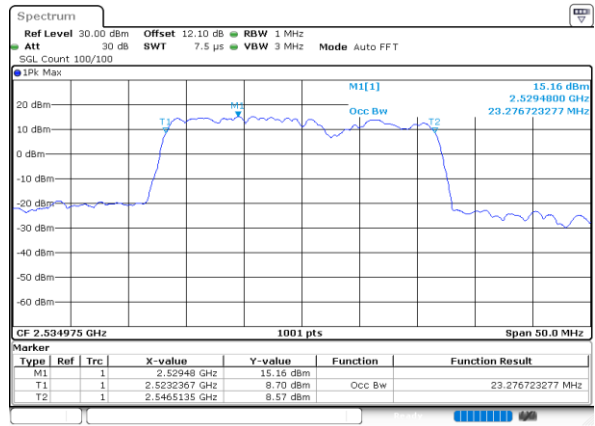
16QAM

Middle Channel / 10MHz+20MHz



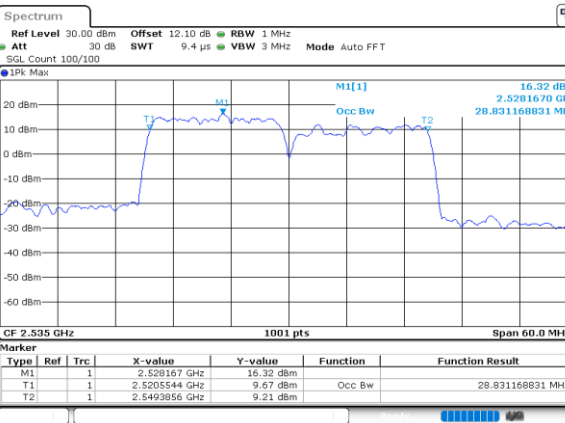
Date: 23.AUG.2023 02:14:06

Middle Channel / 15MHz+10MHz



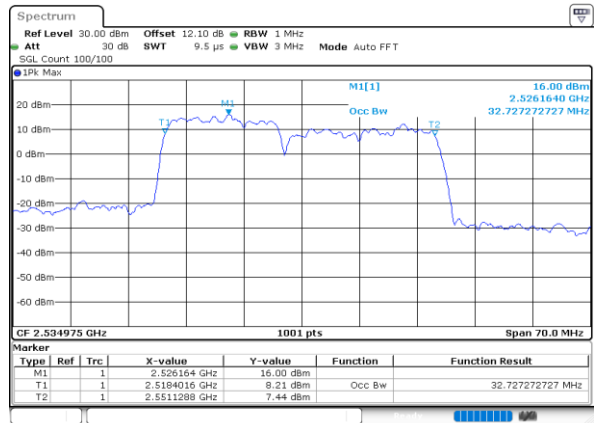
Date: 22.AUG.2023 22:34:57

Middle Channel / 15MHz+15MHz



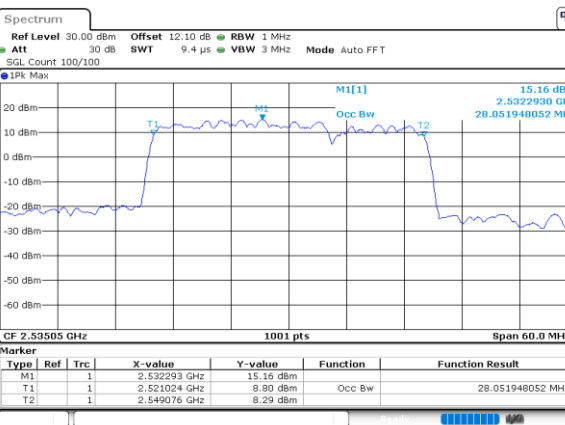
Date: 22.AUG.2023 22:19:53

Middle Channel / 15MHz+20MHz



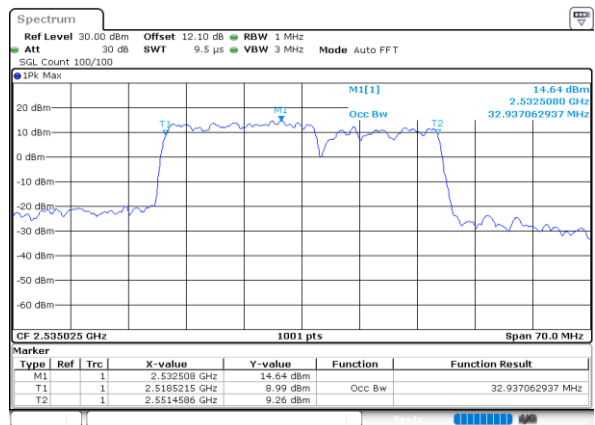
Date: 22.AUG.2023 22:23:28

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:16:16

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:27:15

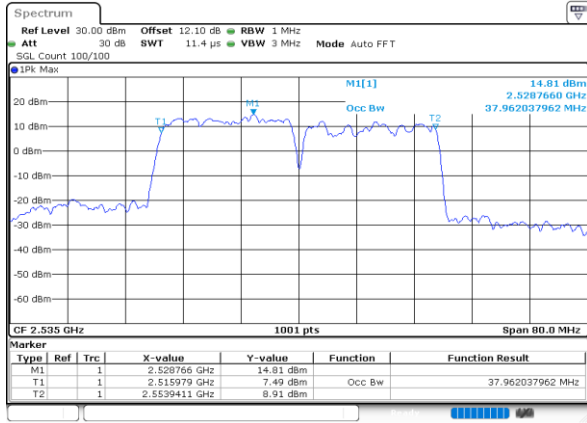


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

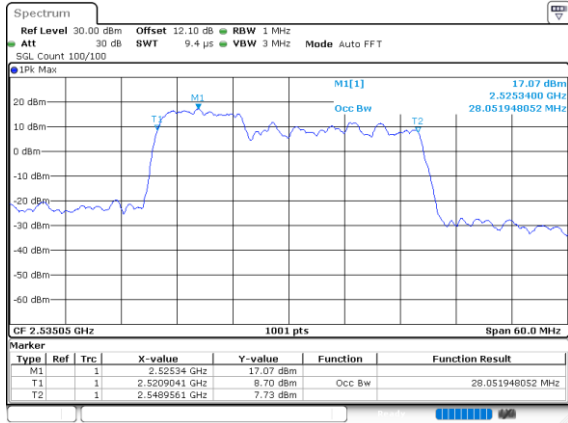




LTE Band 7C

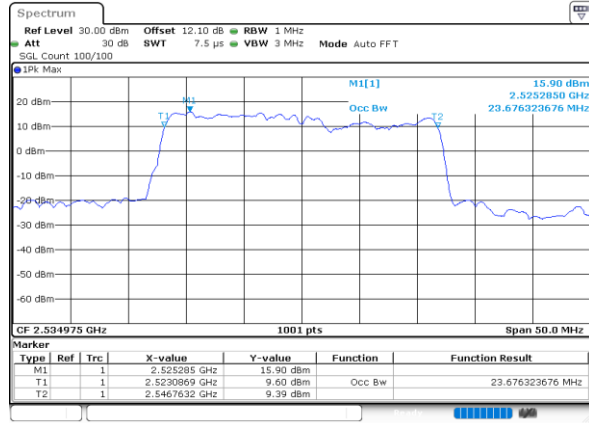
64QAM

Middle Channel / 10MHz+20MHz



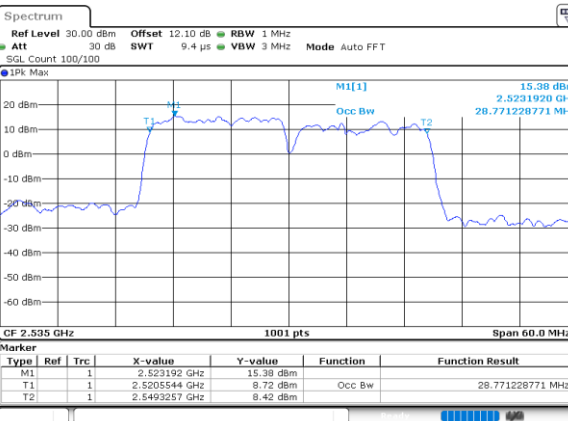
Date: 23.AUG.2023 02:15:07

Middle Channel / 15MHz+10MHz



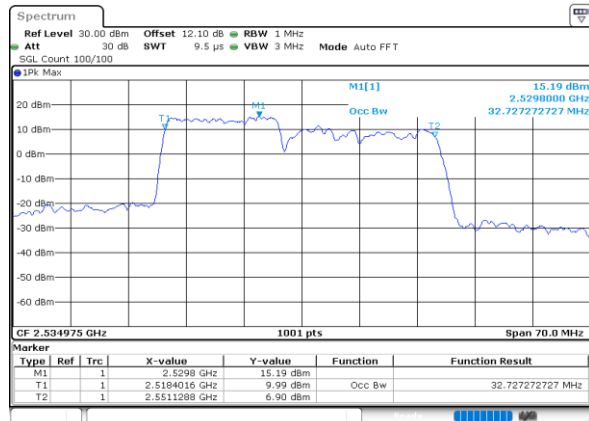
Date: 22.AUG.2023 22:35:33

Middle Channel / 15MHz+15MHz



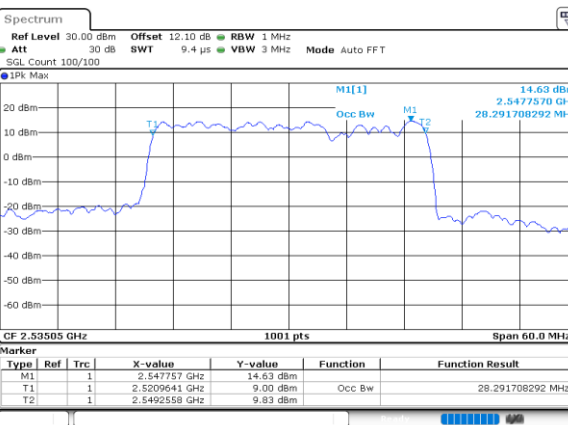
Date: 22.AUG.2023 22:20:25

Middle Channel / 15MHz+20MHz



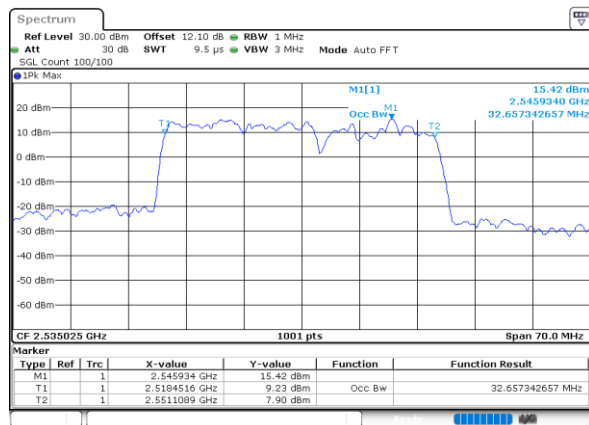
Date: 22.AUG.2023 22:24:04

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:16:52

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:27:52

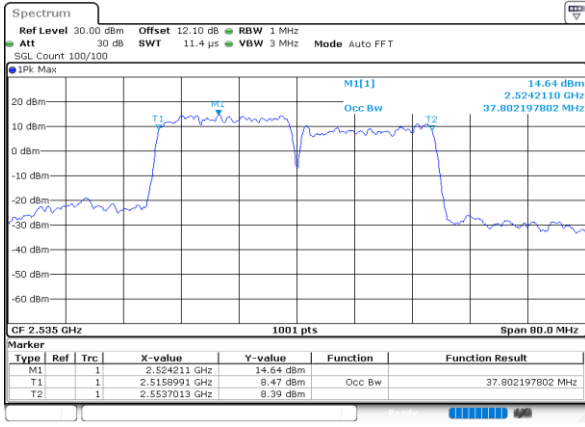


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A

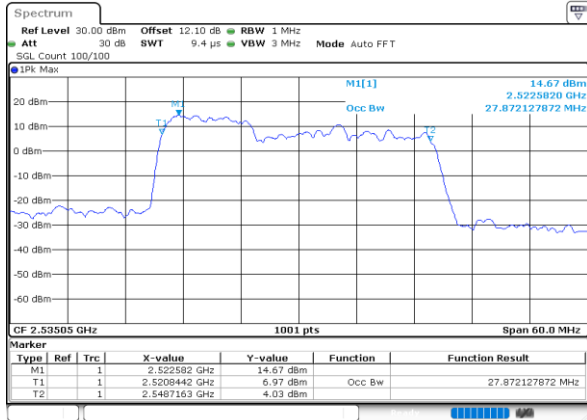




LTE Band 7C

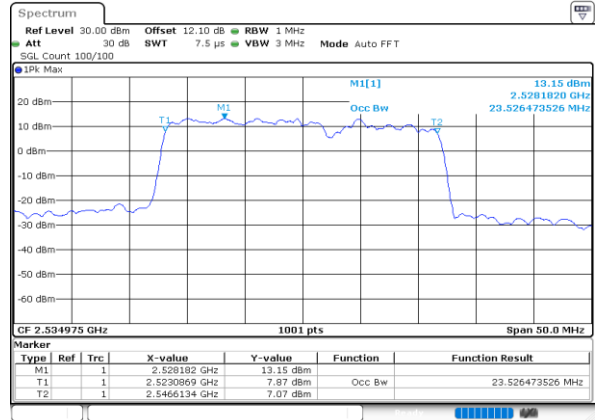
256QAM

Middle Channel / 10MHz+20MHz



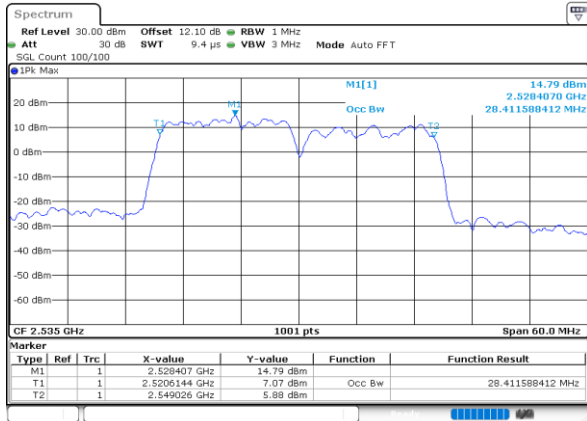
Date: 22.AUG.2023 22:38:08

Middle Channel / 15MHz+10MHz



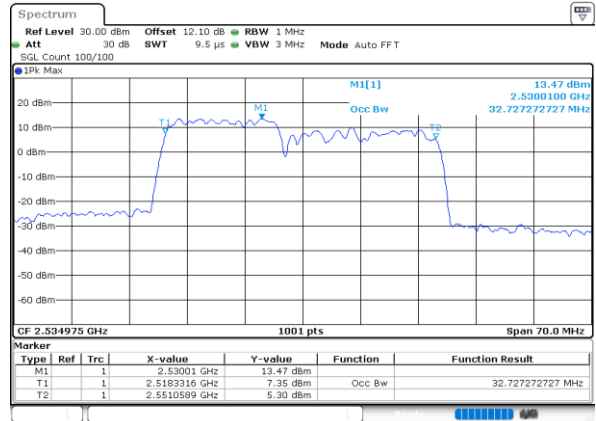
Date: 22.AUG.2023 22:45:54

Middle Channel / 15MHz+15MHz



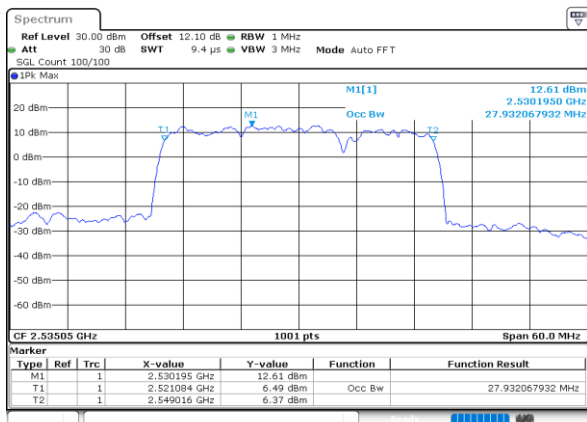
Date: 22.AUG.2023 22:40:47

Middle Channel / 15MHz+20MHz



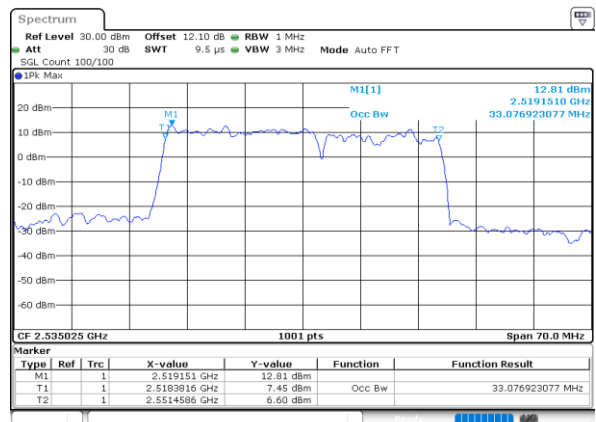
Date: 22.AUG.2023 22:42:01

Middle Channel / 20MHz+10MHz



Date: 22.AUG.2023 22:39:30

Middle Channel / 20MHz+15MHz



Date: 22.AUG.2023 22:43:23

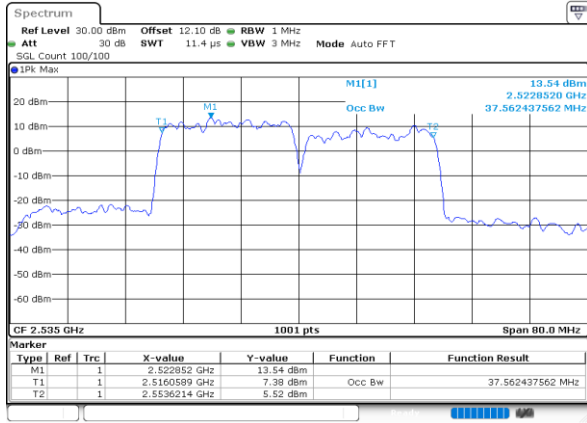


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



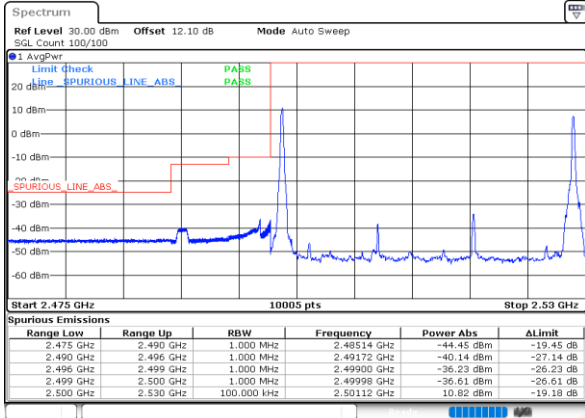


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

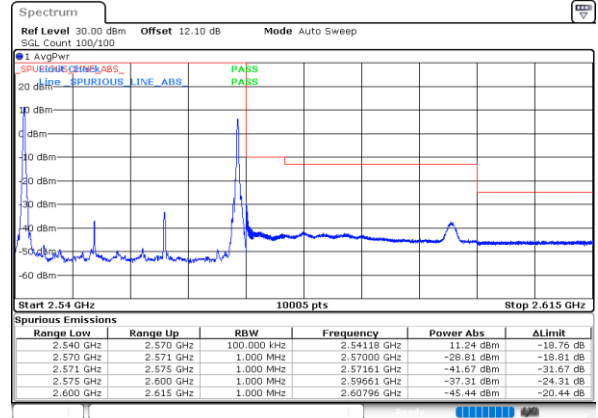
QPSK

Lowest Band Edge / 1RB0 and 1RB99



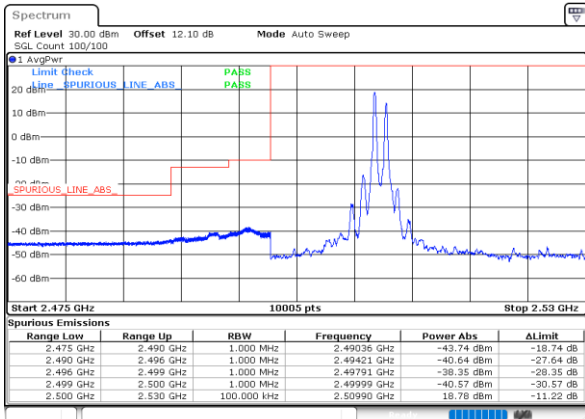
Date: 14.JUL.2023 20:03:13

Highest Band Edge / 1RB0 and 1RB99



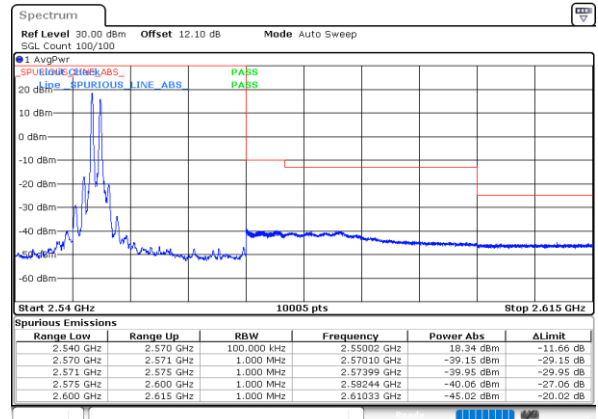
Date: 14.JUL.2023 19:46:01

Lowest Band Edge / 1RB49 and 1RB0



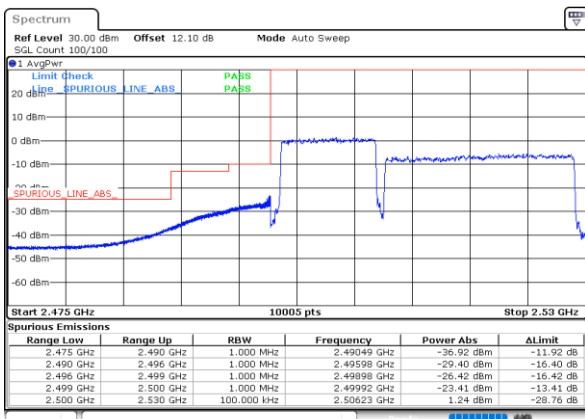
Date: 14.JUL.2023 20:04:20

Highest Band Edge / 1RB49 and 1RB0



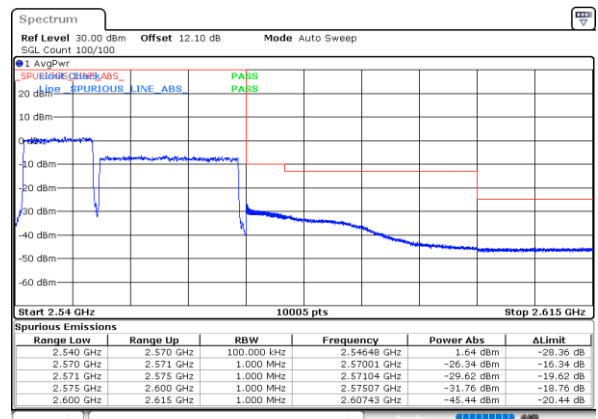
Date: 14.JUL.2023 19:53:35

Lowest Band Edge / Full RB



Date: 14.JUL.2023 19:57:36

Highest Band Edge / Full RB



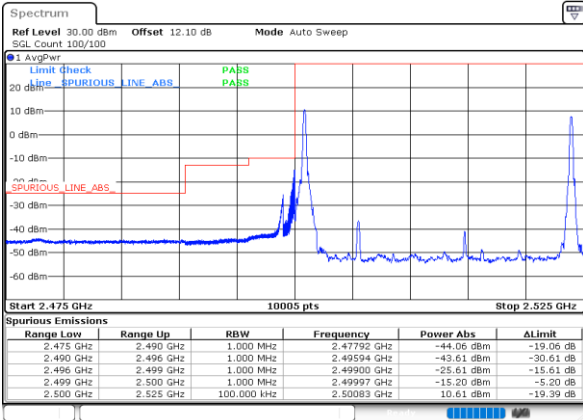
Date: 14.JUL.2023 19:46:54



LTE Band 7C / 15MHz+10MHz

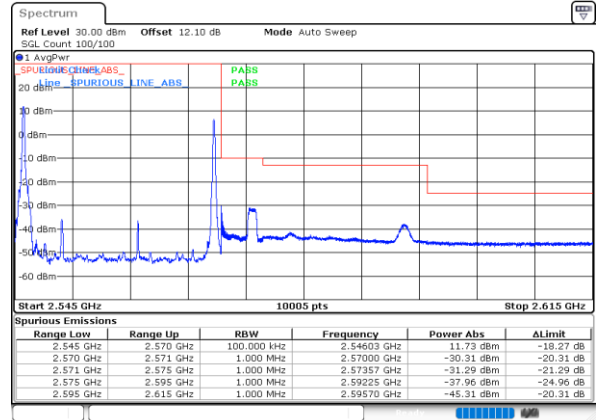
QPSK

Lowest Band Edge / 1RB0 and 1RB49



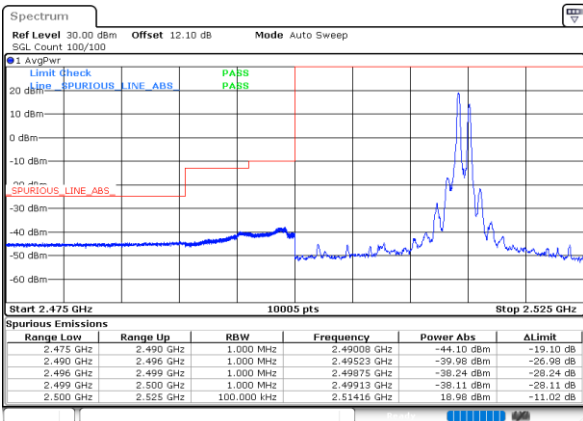
Date: 14.JUL.2023 22:51:53

Highest Band Edge / 1RB0 and 1RB49



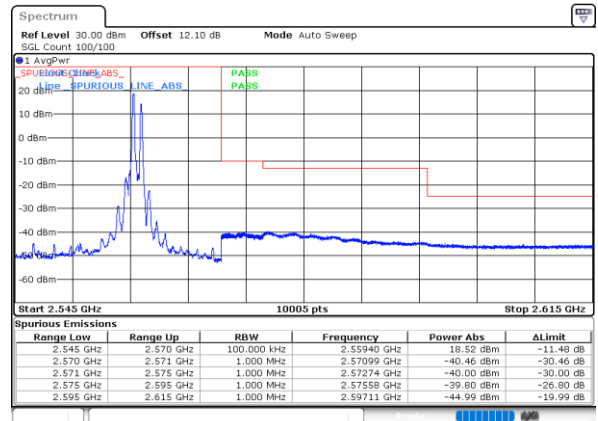
Date: 14.JUL.2023 22:36:45

Lowest Band Edge / 1RB74 and 1RB0



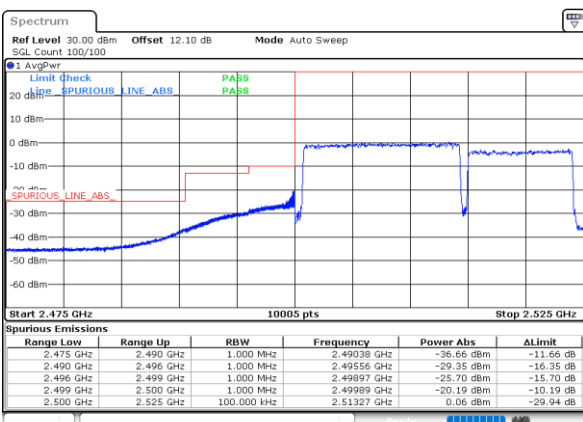
Date: 14.JUL.2023 22:53:00

Highest Band Edge / 1RB74 and 1RB0



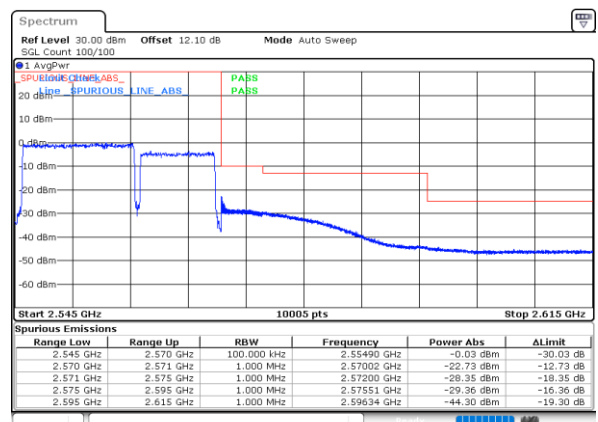
Date: 14.JUL.2023 22:42:20

Lowest Band Edge / Full RB



Date: 14.JUL.2023 22:46:13

Highest Band Edge / Full RB



Date: 14.JUL.2023 22:35:38