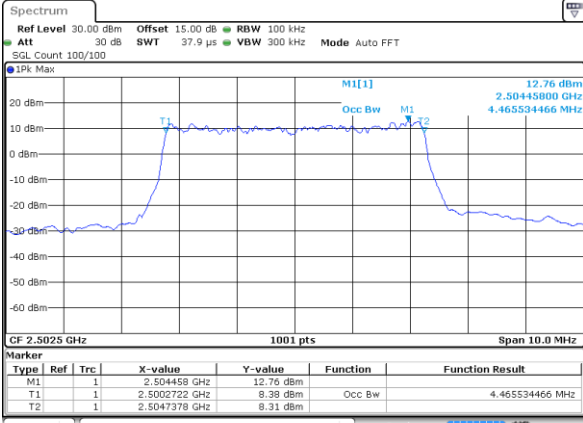




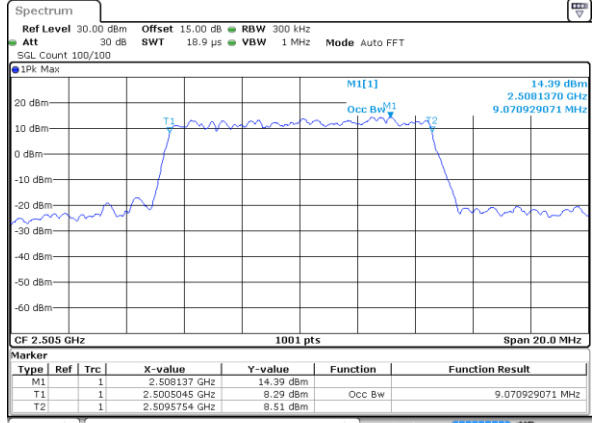
LTE Band 7

Lowest Channel / 5MHz / 64QAM



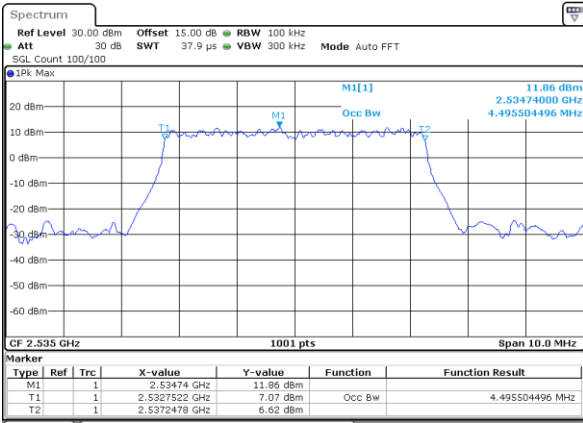
Date: 25.OCT.2022 18:09:39

Lowest Channel / 10MHz / 64QAM



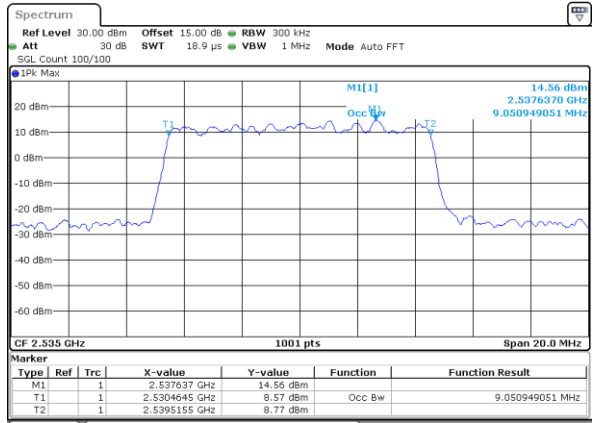
Date: 25.OCT.2022 18:43:31

Middle Channel / 5MHz / 64QAM



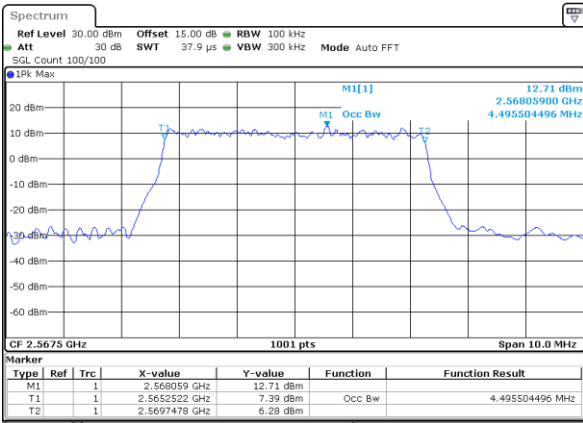
Date: 25.OCT.2022 18:14:10

Middle Channel / 10MHz / 64QAM



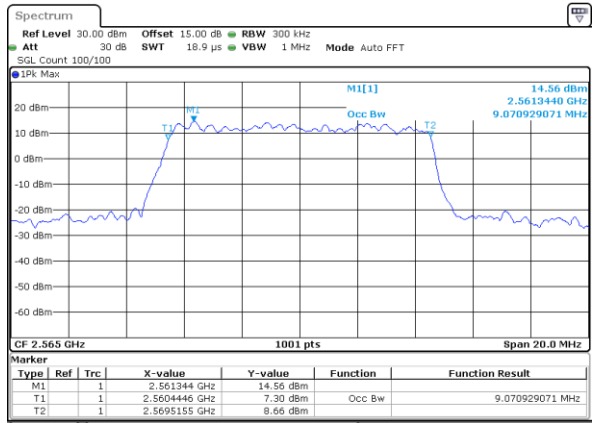
Date: 25.OCT.2022 18:48:02

Highest Channel / 5MHz / 64QAM



Date: 25.OCT.2022 18:16:05

Highest Channel / 10MHz / 64QAM

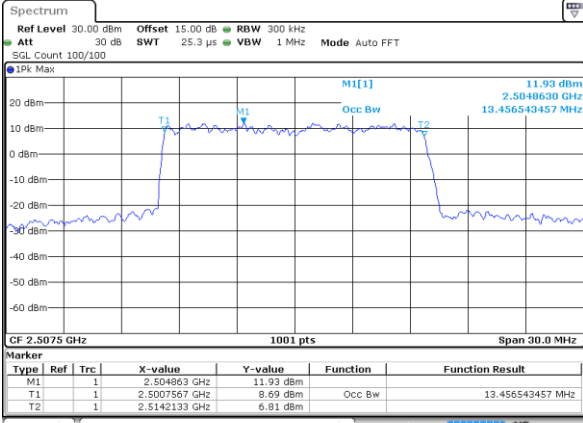


Date: 25.OCT.2022 18:49:56



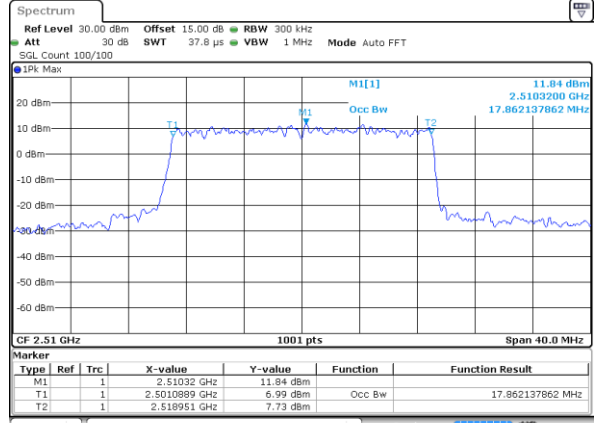
LTE Band 7

Lowest Channel / 15MHz / 64QAM



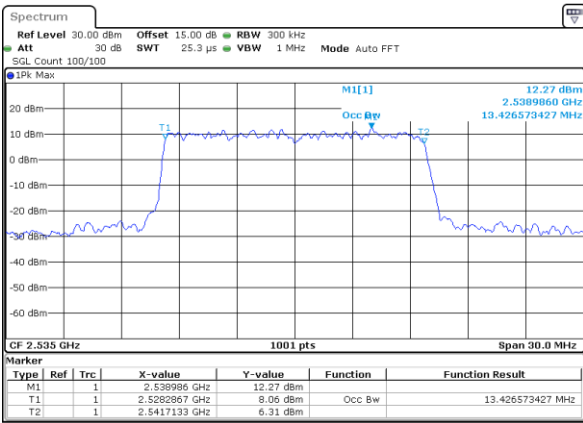
Date: 25.OCT.2022 19:17:21

Lowest Channel / 20MHz / 64QAM



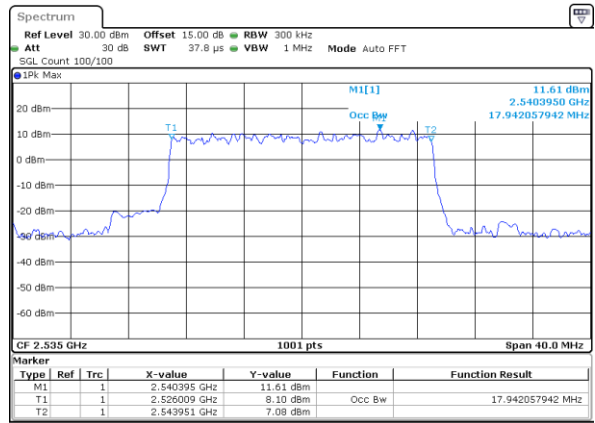
Date: 25.OCT.2022 19:51:49

Middle Channel / 15MHz / 64QAM



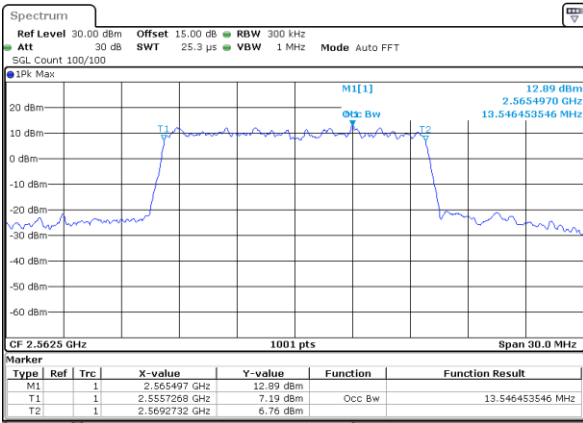
Date: 25.OCT.2022 19:21:53

Middle Channel / 20MHz / 64QAM



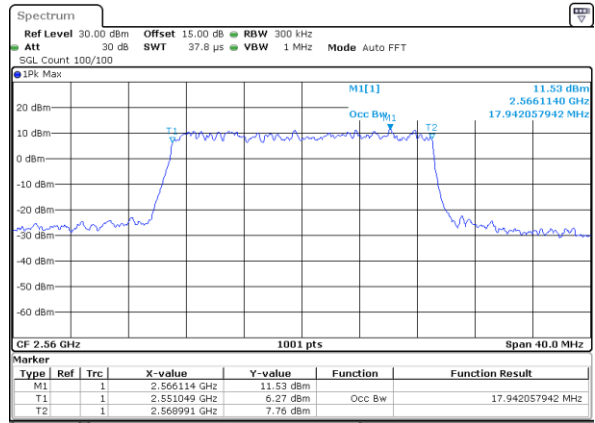
Date: 25.OCT.2022 19:56:21

Highest Channel / 15MHz / 64QAM



Date: 25.OCT.2022 19:23:48

Highest Channel / 20MHz / 64QAM



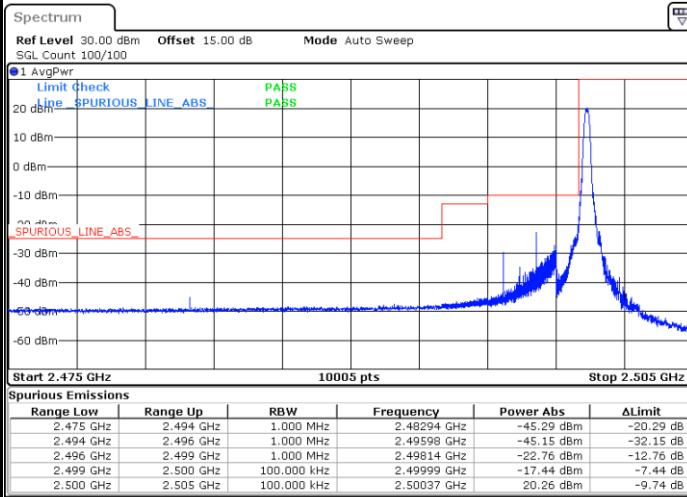
Date: 25.OCT.2022 19:58:15



Conducted Band Edge

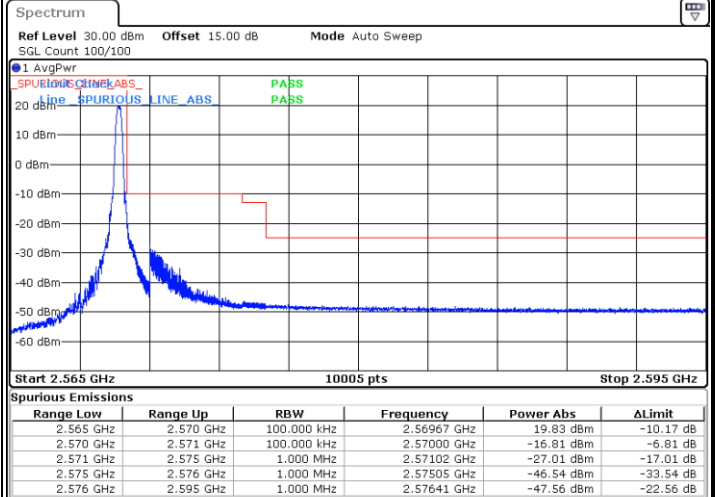
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



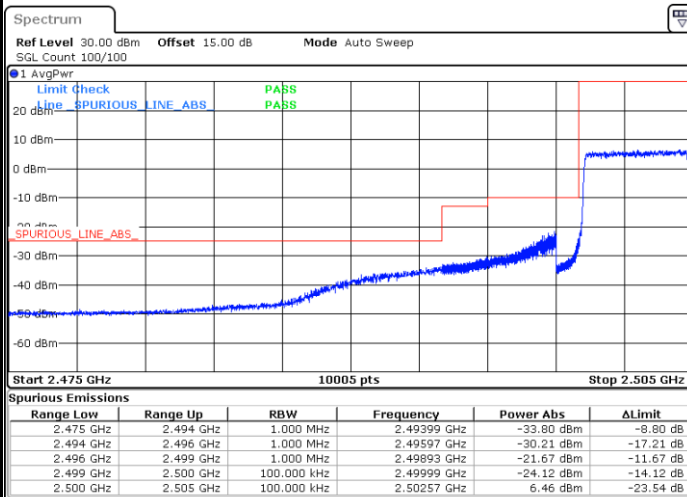
Date: 25.OCT.2022 17:49:18

Highest Band Edge / 1 RB



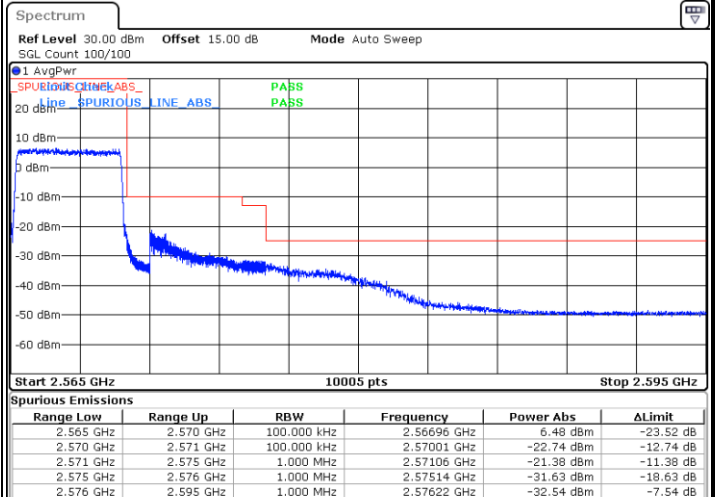
Date: 25.OCT.2022 18:02:47

Lowest Band Edge / Full RB



Date: 25.OCT.2022 17:51:54

Highest Band Edge / Full RB

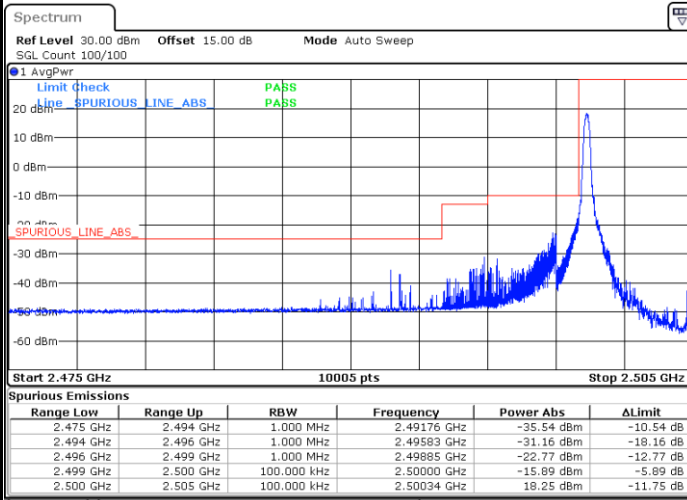


Date: 25.OCT.2022 18:05:23



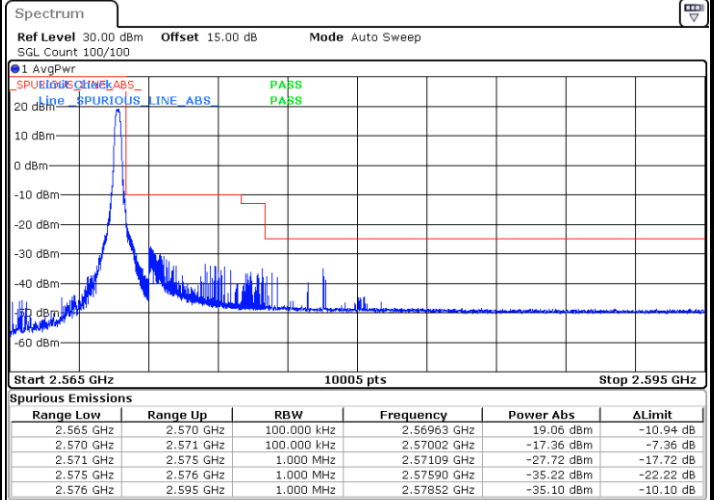
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



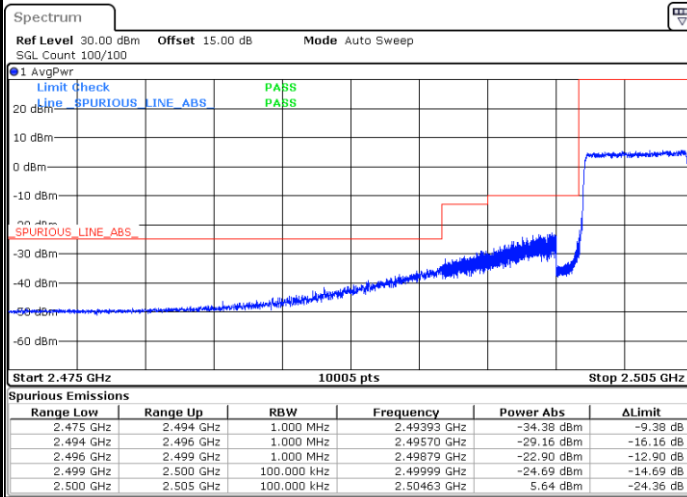
Date: 25.OCT.2022 17:50:36

Highest Band Edge / 1 RB



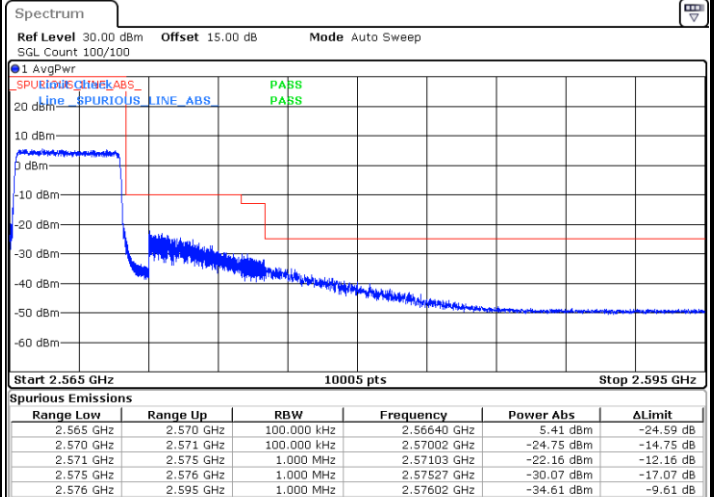
Date: 25.OCT.2022 18:04:05

Lowest Band Edge / Full RB



Date: 25.OCT.2022 17:53:12

Highest Band Edge / Full RB

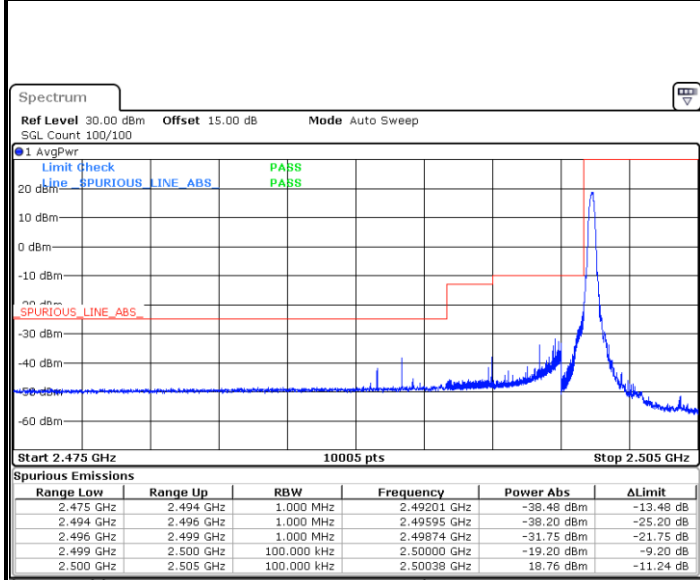


Date: 25.OCT.2022 18:06:40



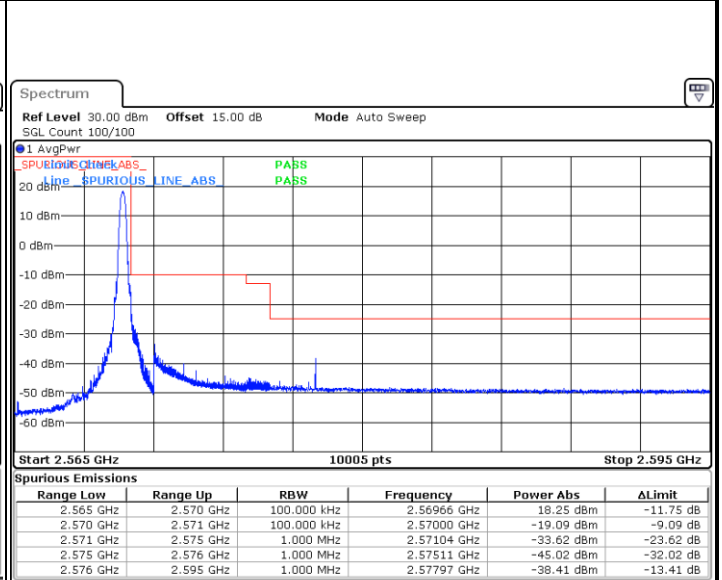
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



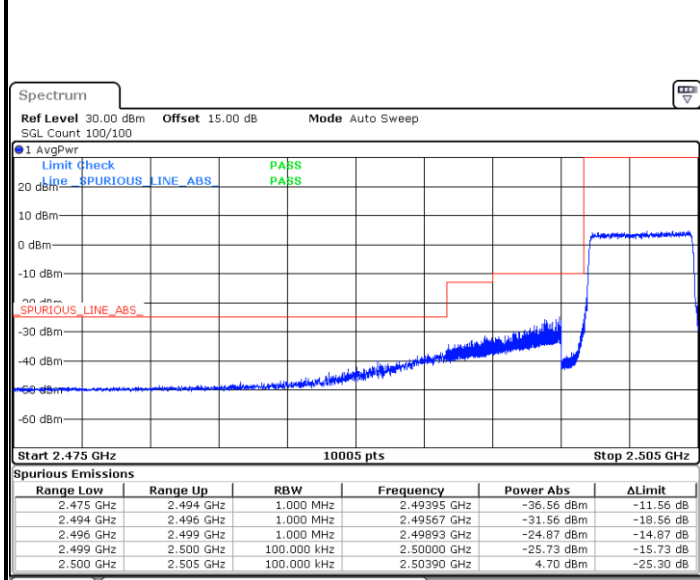
Date: 25.OCT.2022 18:11:11

Highest Band Edge / 1 RB



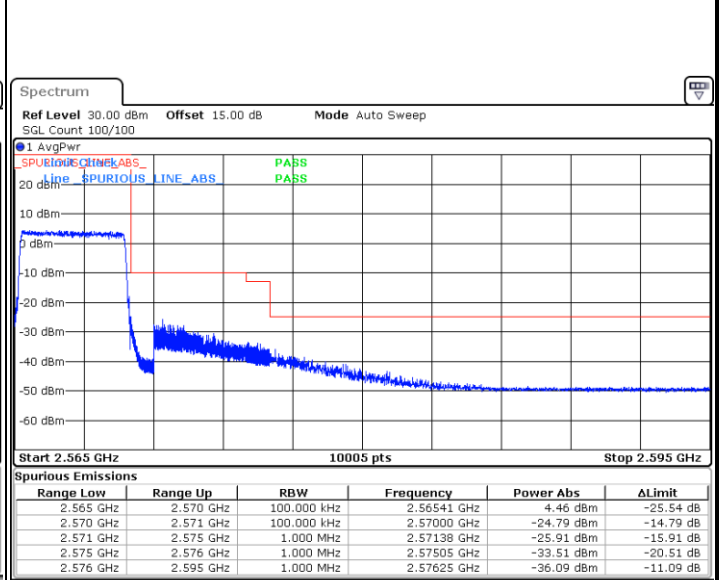
Date: 25.OCT.2022 18:17:37

Lowest Band Edge / Full RB



Date: 25.OCT.2022 18:12:30

Highest Band Edge / Full RB

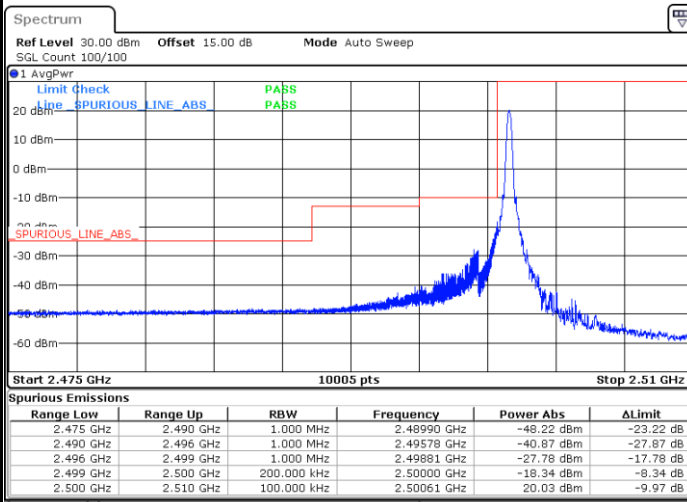


Date: 25.OCT.2022 18:18:55



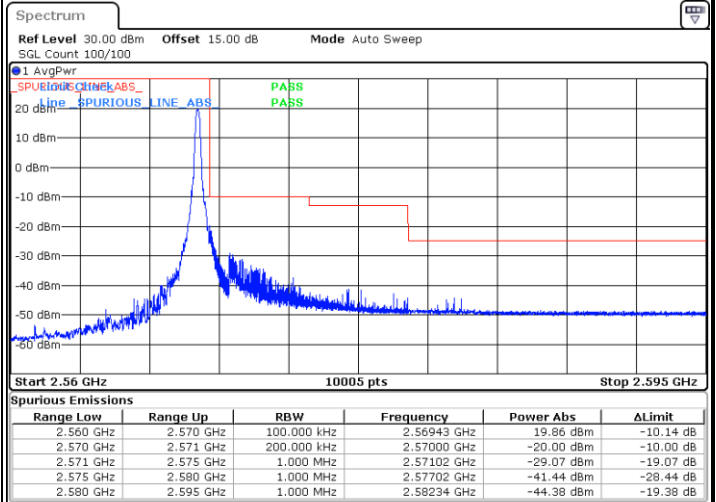
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



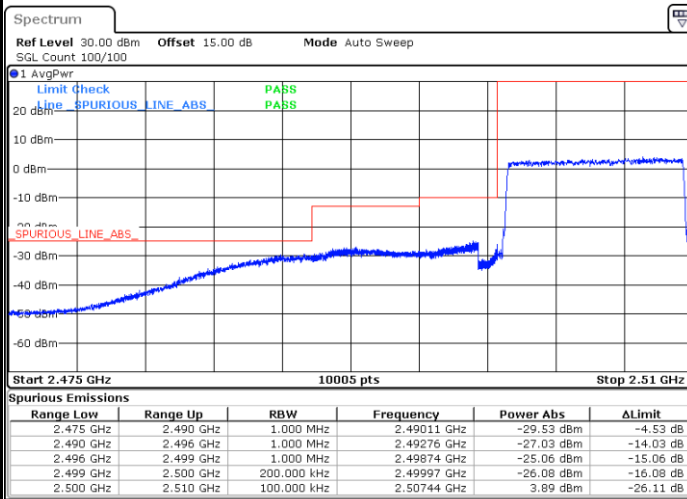
Date: 25.OCT.2022 18:23:07

Highest Band Edge / 1 RB



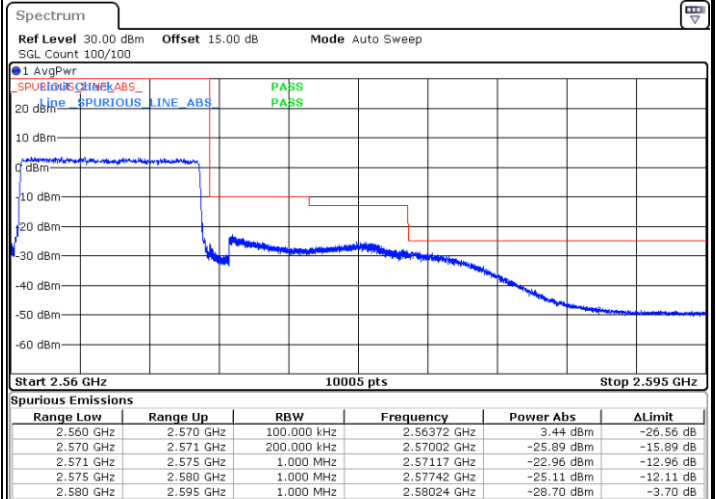
Date: 25.OCT.2022 18:36:39

Lowest Band Edge / Full RB



Date: 25.OCT.2022 18:25:43

Highest Band Edge / Full RB

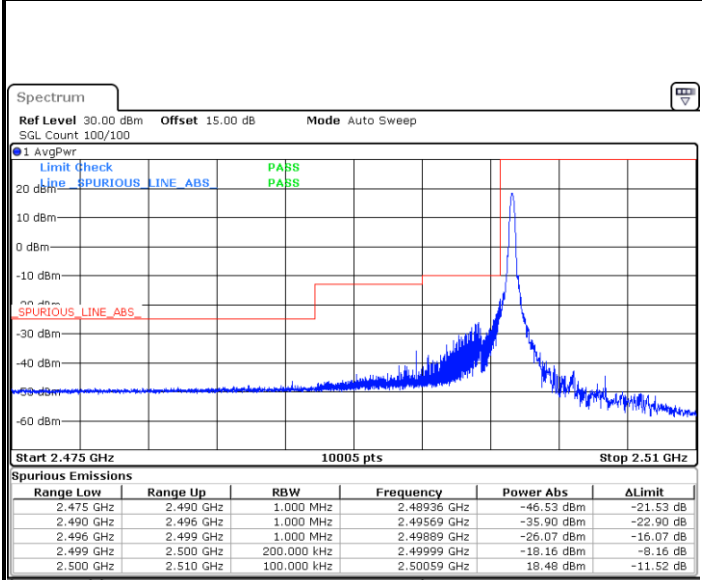


Date: 25.OCT.2022 18:39:14



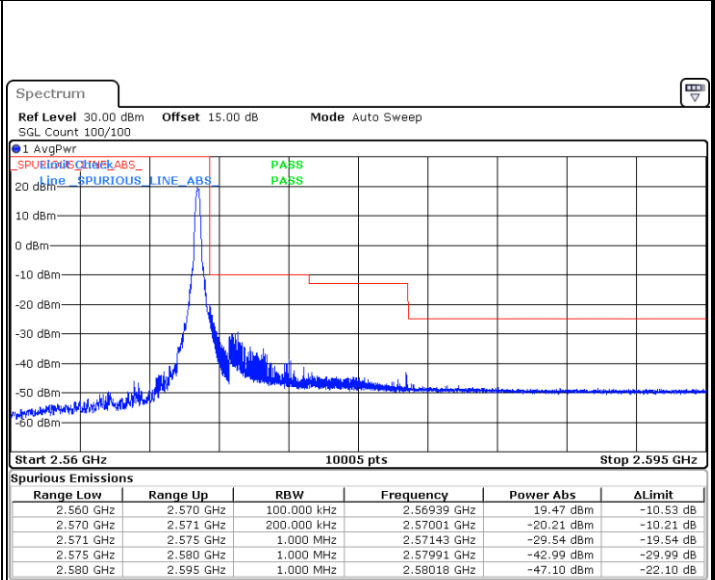
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



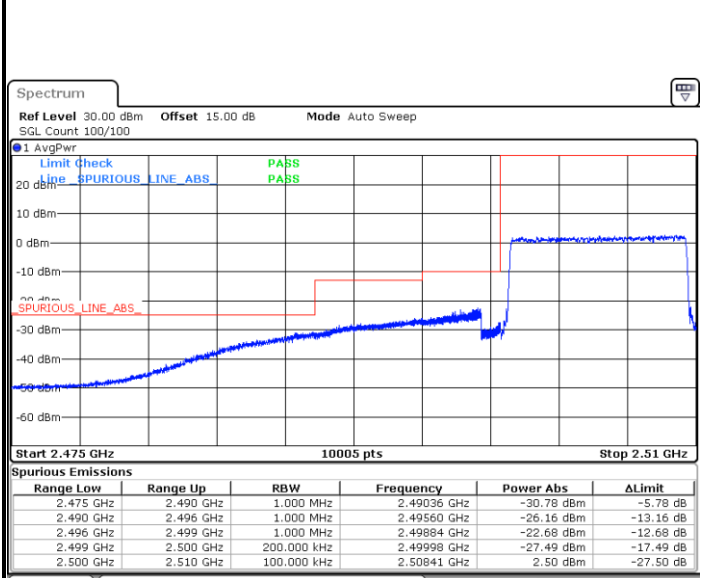
Date: 25.OCT.2022 18:24:25

Highest Band Edge / 1 RB



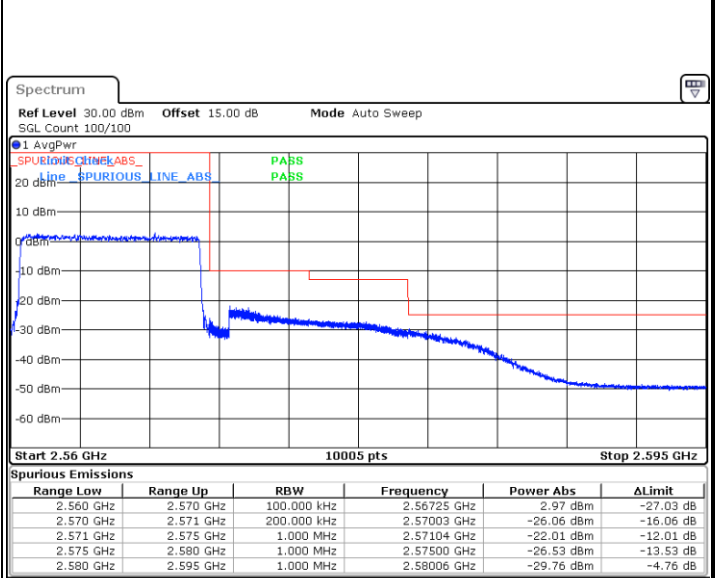
Date: 25.OCT.2022 18:37:56

Lowest Band Edge / Full RB



Date: 25.OCT.2022 18:27:01

Highest Band Edge / Full RB

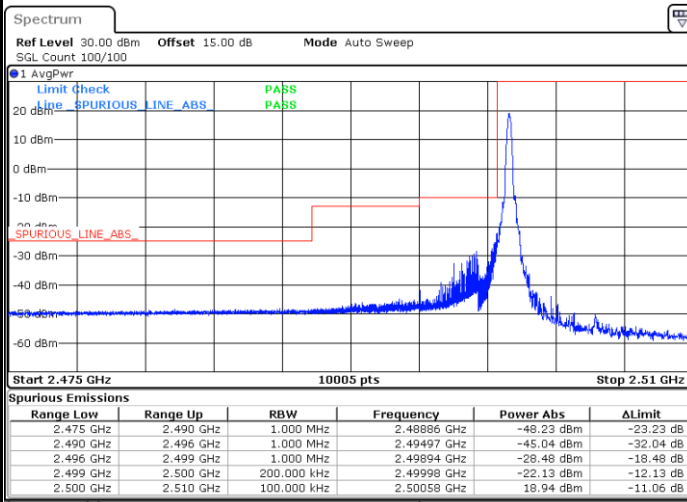


Date: 25.OCT.2022 18:40:32



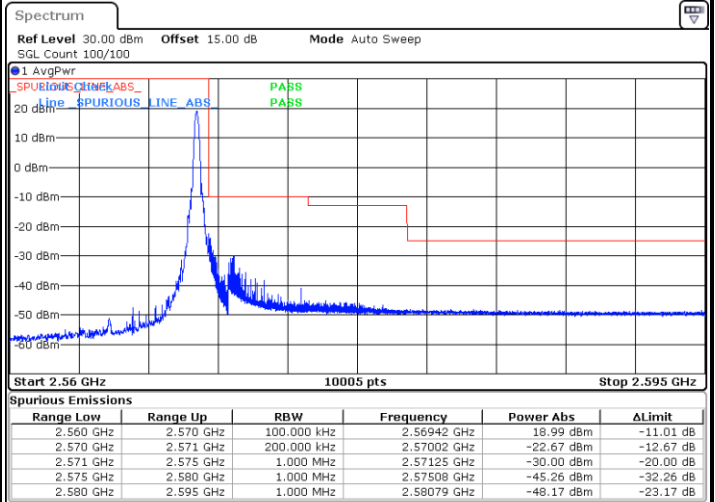
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



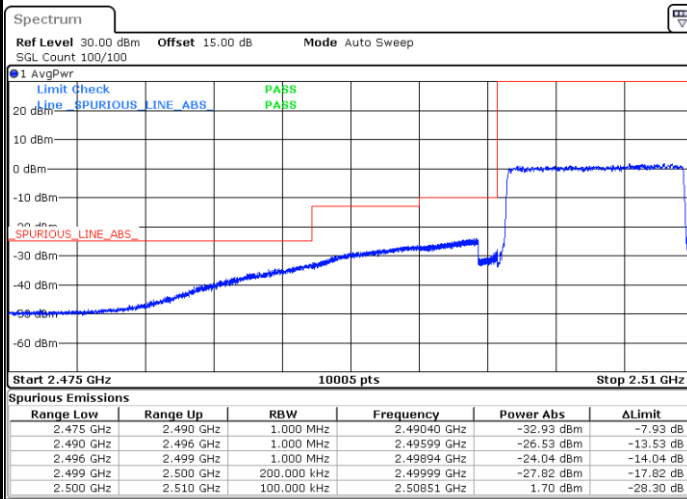
Date: 25.OCT.2022 18:45:03

Highest Band Edge / 1 RB



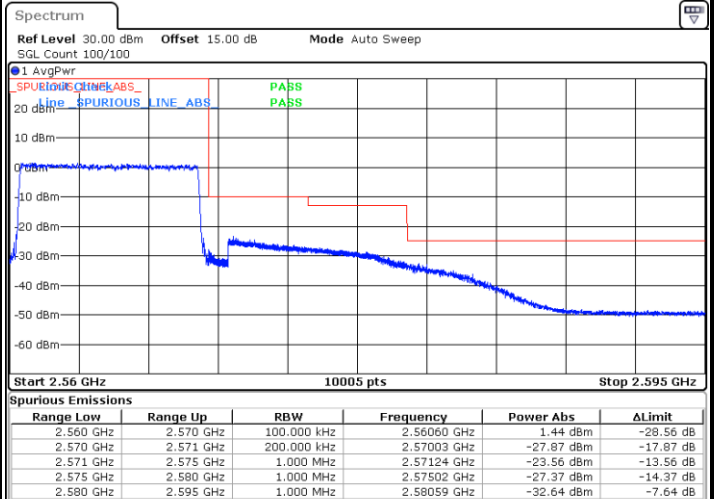
Date: 25.OCT.2022 18:51:29

Lowest Band Edge / Full RB



Date: 25.OCT.2022 18:46:21

Highest Band Edge / Full RB

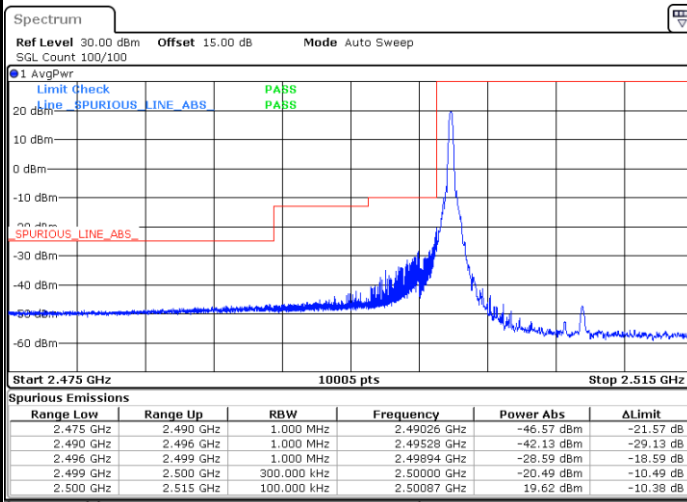


Date: 25.OCT.2022 18:52:47



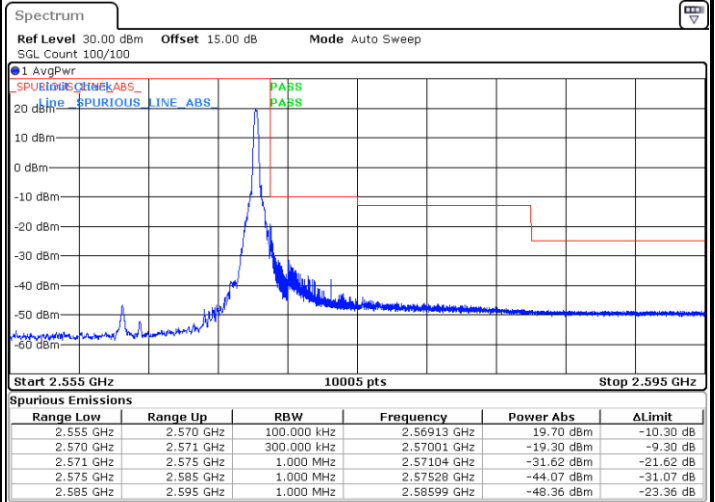
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



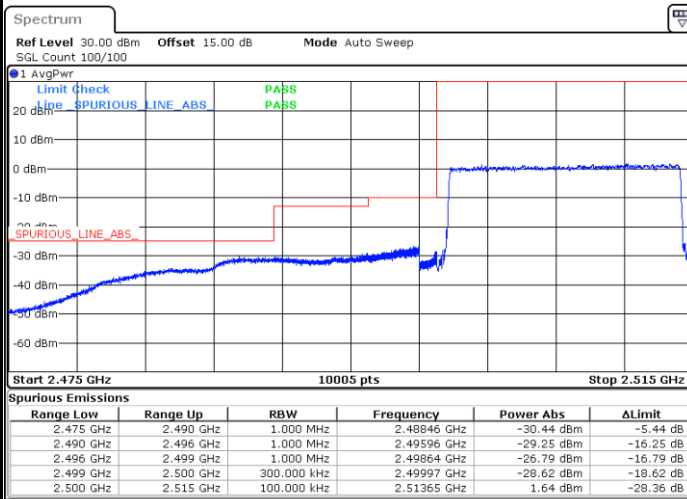
Date: 25.OCT.2022 18:56:59

Highest Band Edge / 1 RB



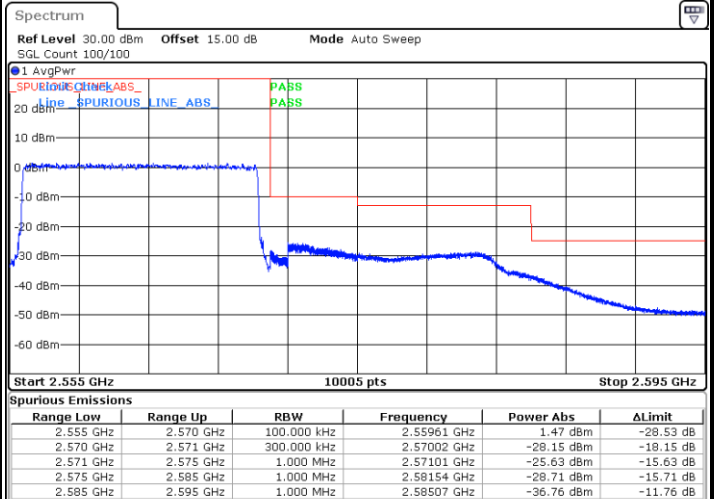
Date: 25.OCT.2022 19:10:29

Lowest Band Edge / Full RB



Date: 25.OCT.2022 18:59:36

Highest Band Edge / Full RB

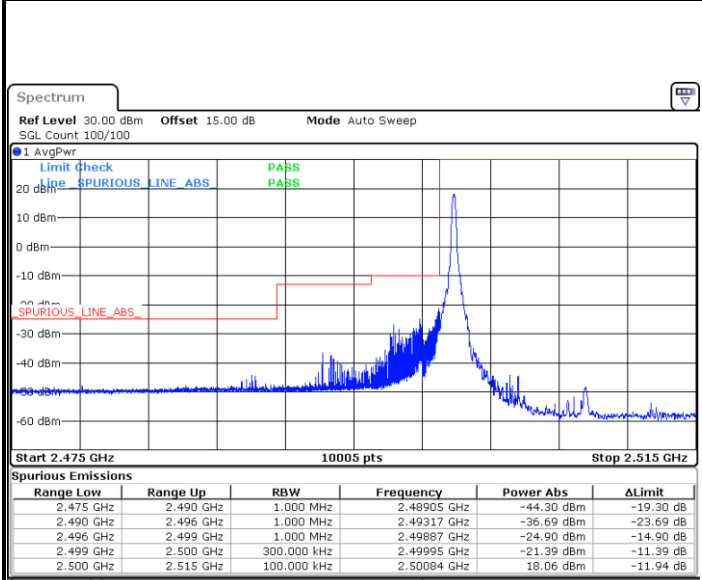


Date: 25.OCT.2022 19:13:05



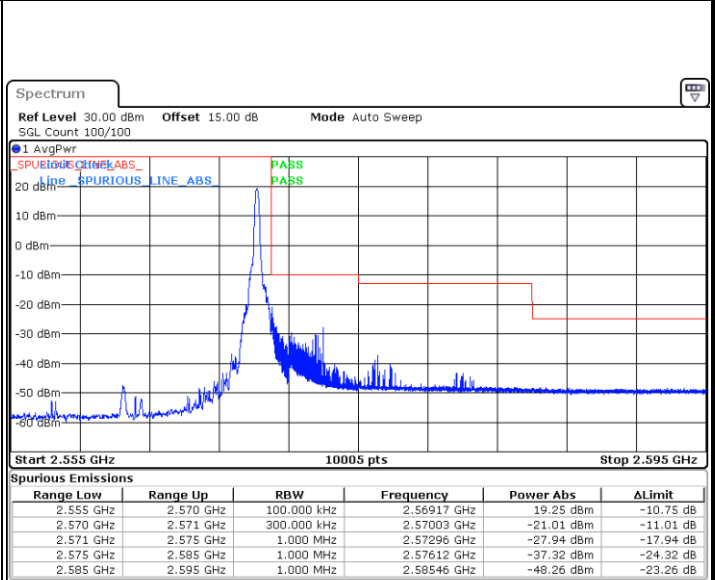
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



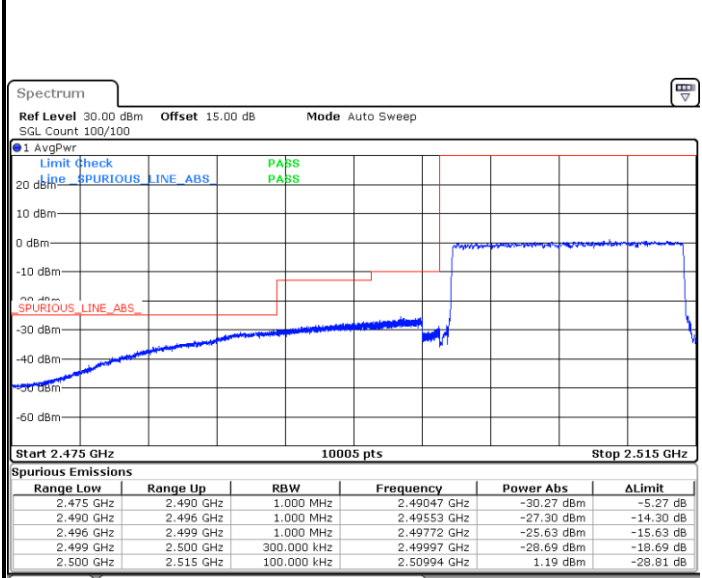
Date: 25.OCT.2022 18:58:17

Highest Band Edge / 1 RB



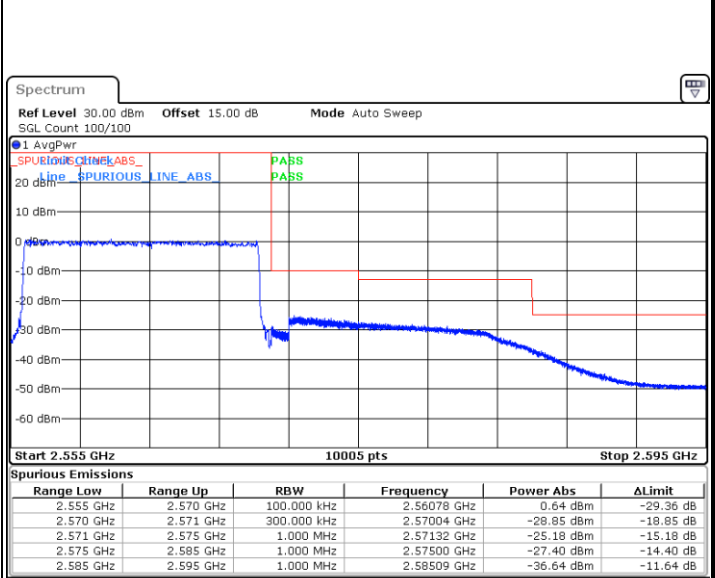
Date: 25.OCT.2022 19:11:47

Lowest Band Edge / Full RB



Date: 25.OCT.2022 19:00:54

Highest Band Edge / Full RB

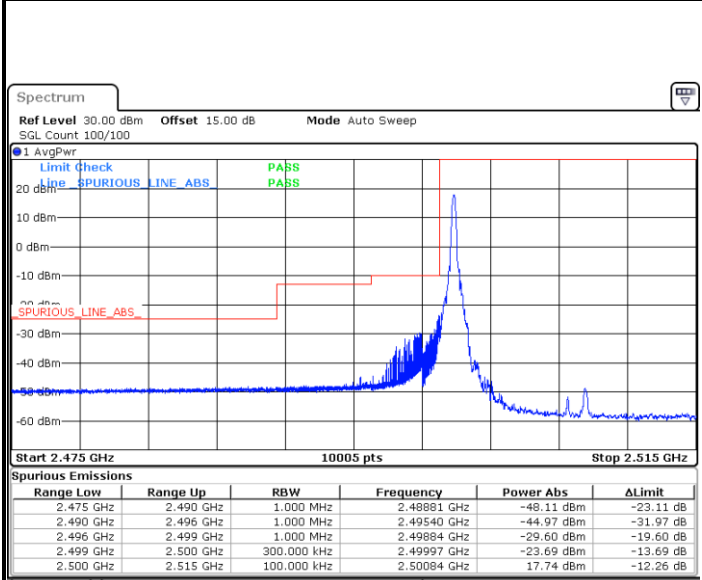


Date: 25.OCT.2022 19:14:23



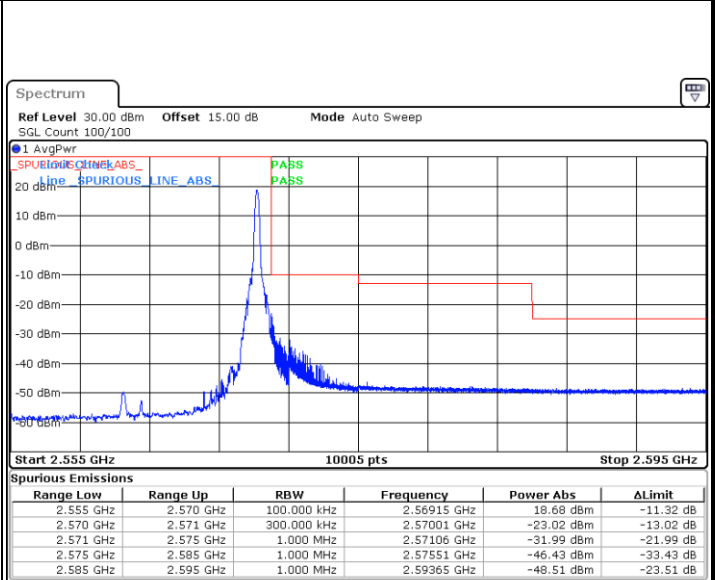
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



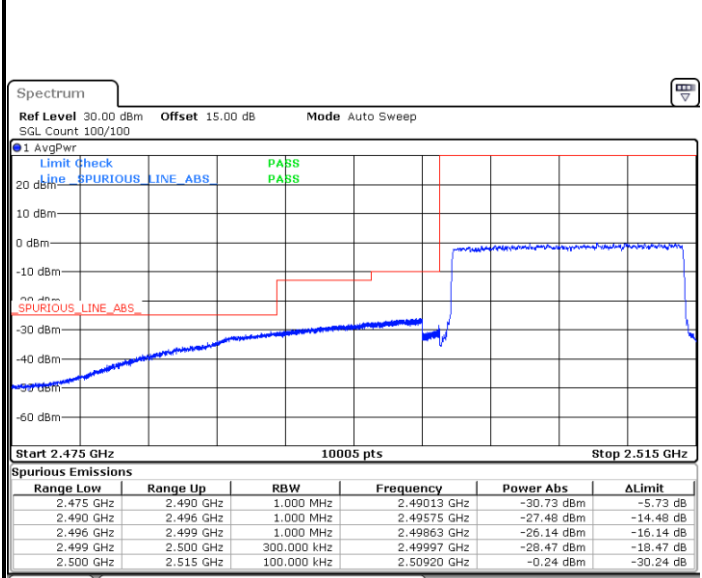
Date: 25.OCT.2022 19:18:54

Highest Band Edge / 1 RB



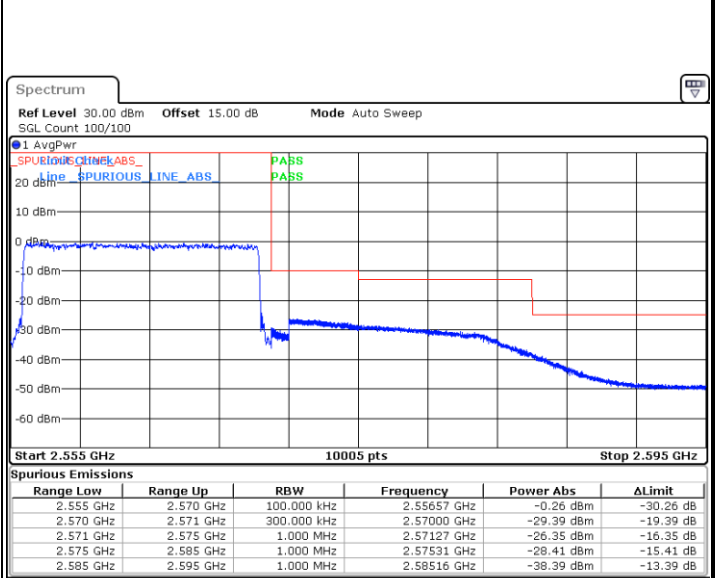
Date: 25.OCT.2022 19:25:20

Lowest Band Edge / Full RB



Date: 25.OCT.2022 19:20:12

Highest Band Edge / Full RB

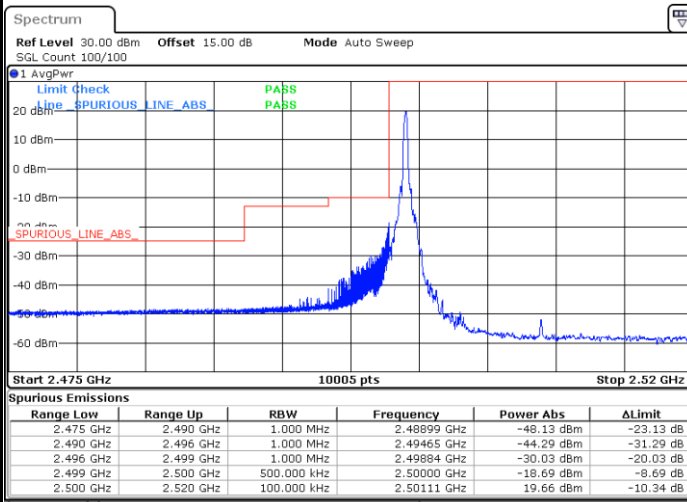


Date: 25.OCT.2022 19:26:38



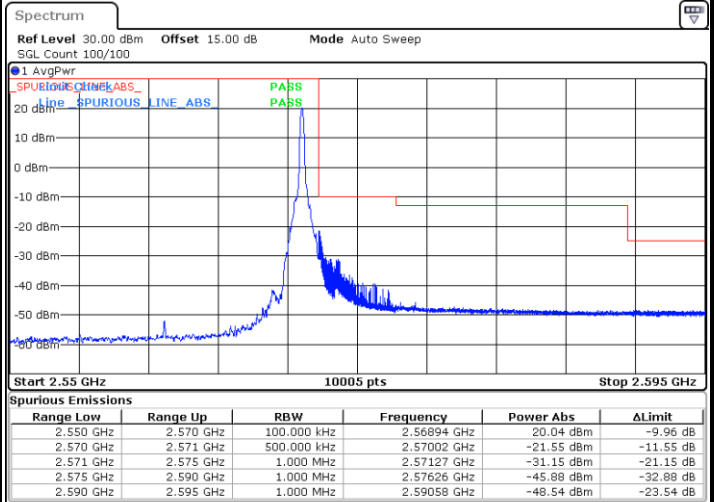
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



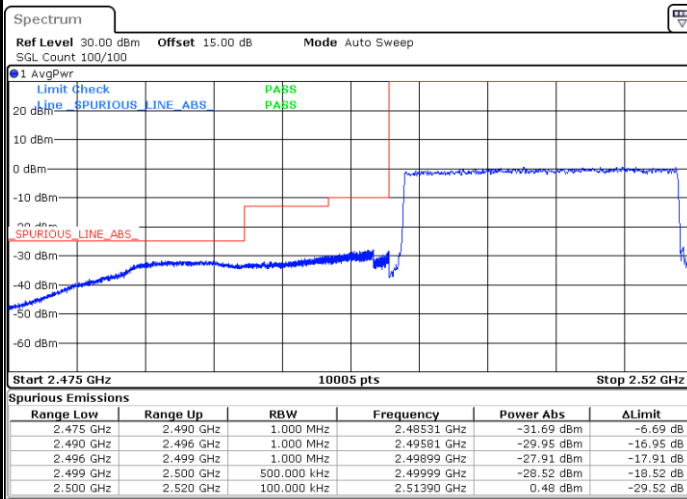
Date: 25.OCT.2022 19:30:50

Highest Band Edge / 1 RB



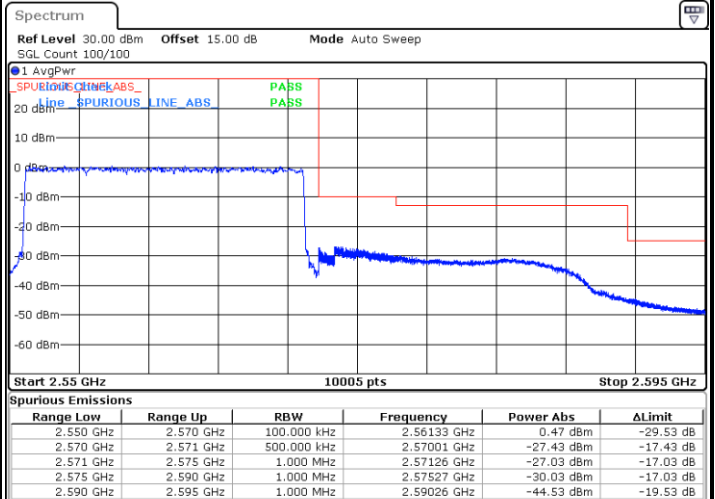
Date: 25.OCT.2022 19:44:57

Lowest Band Edge / Full RB



Date: 25.OCT.2022 19:33:27

Highest Band Edge / Full RB

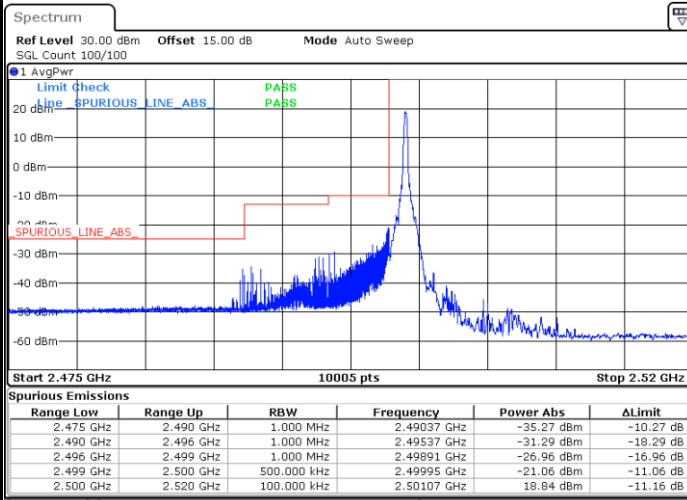


Date: 25.OCT.2022 19:48:50



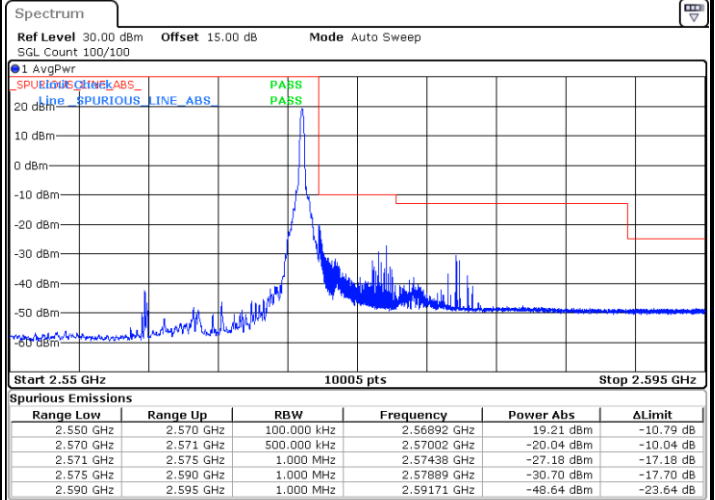
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



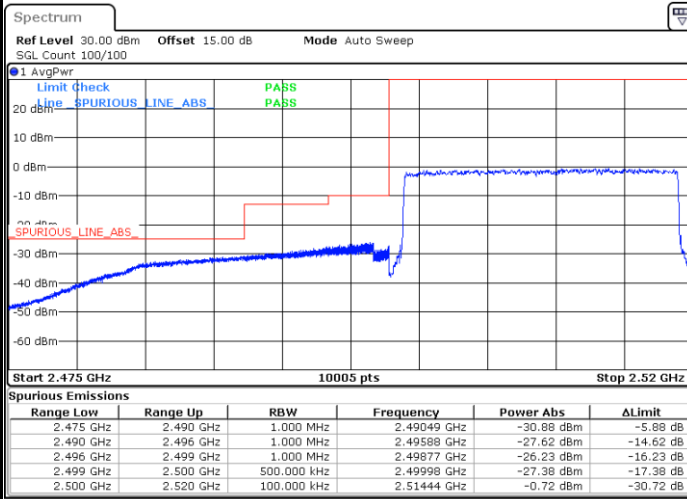
Date: 25.OCT.2022 19:32:08

Highest Band Edge / 1RB



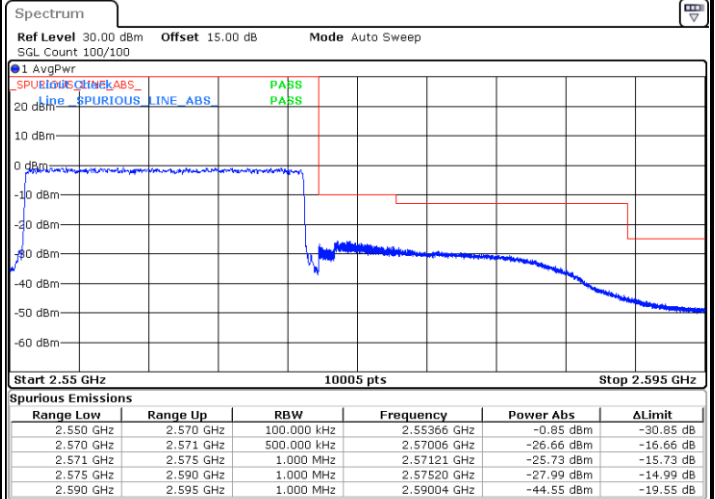
Date: 25.OCT.2022 19:46:14

Lowest Band Edge / Full RB



Date: 25.OCT.2022 19:34:45

Highest Band Edge / Full RB

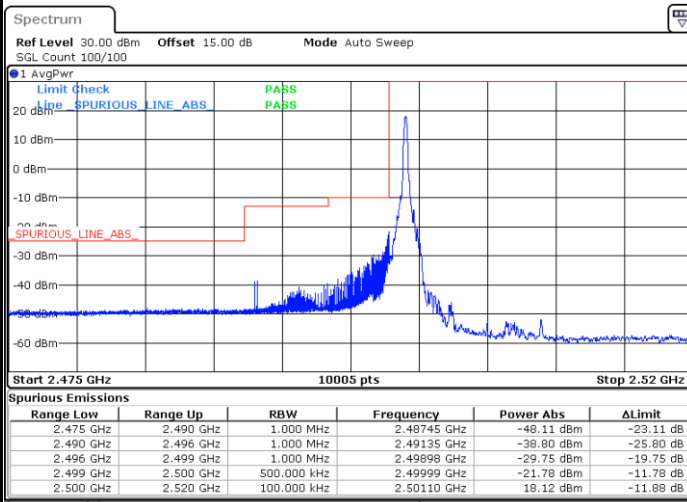


Date: 25.OCT.2022 19:47:32



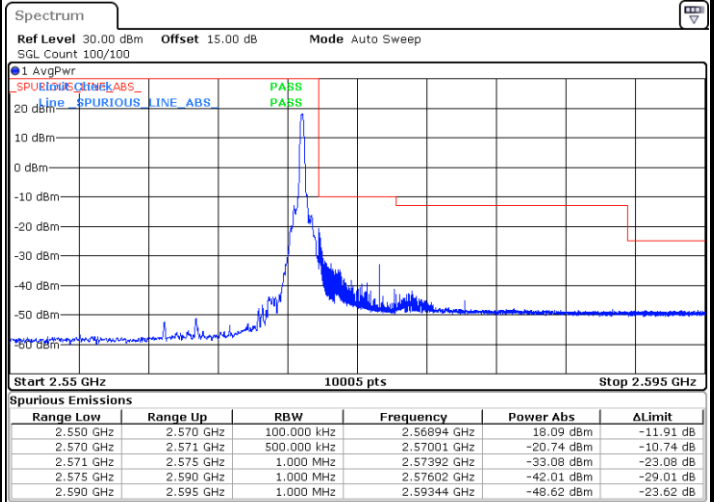
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



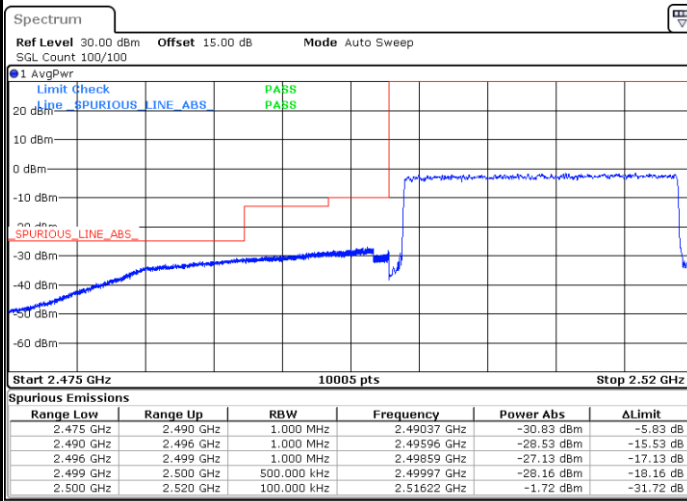
Date: 25.OCT.2022 19:53:21

Highest Band Edge / 1 RB



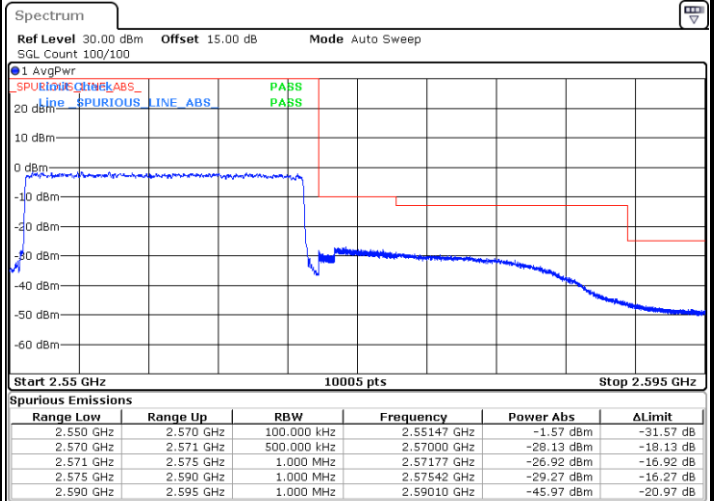
Date: 25.OCT.2022 19:59:48

Lowest Band Edge / Full RB



Date: 25.OCT.2022 19:54:40

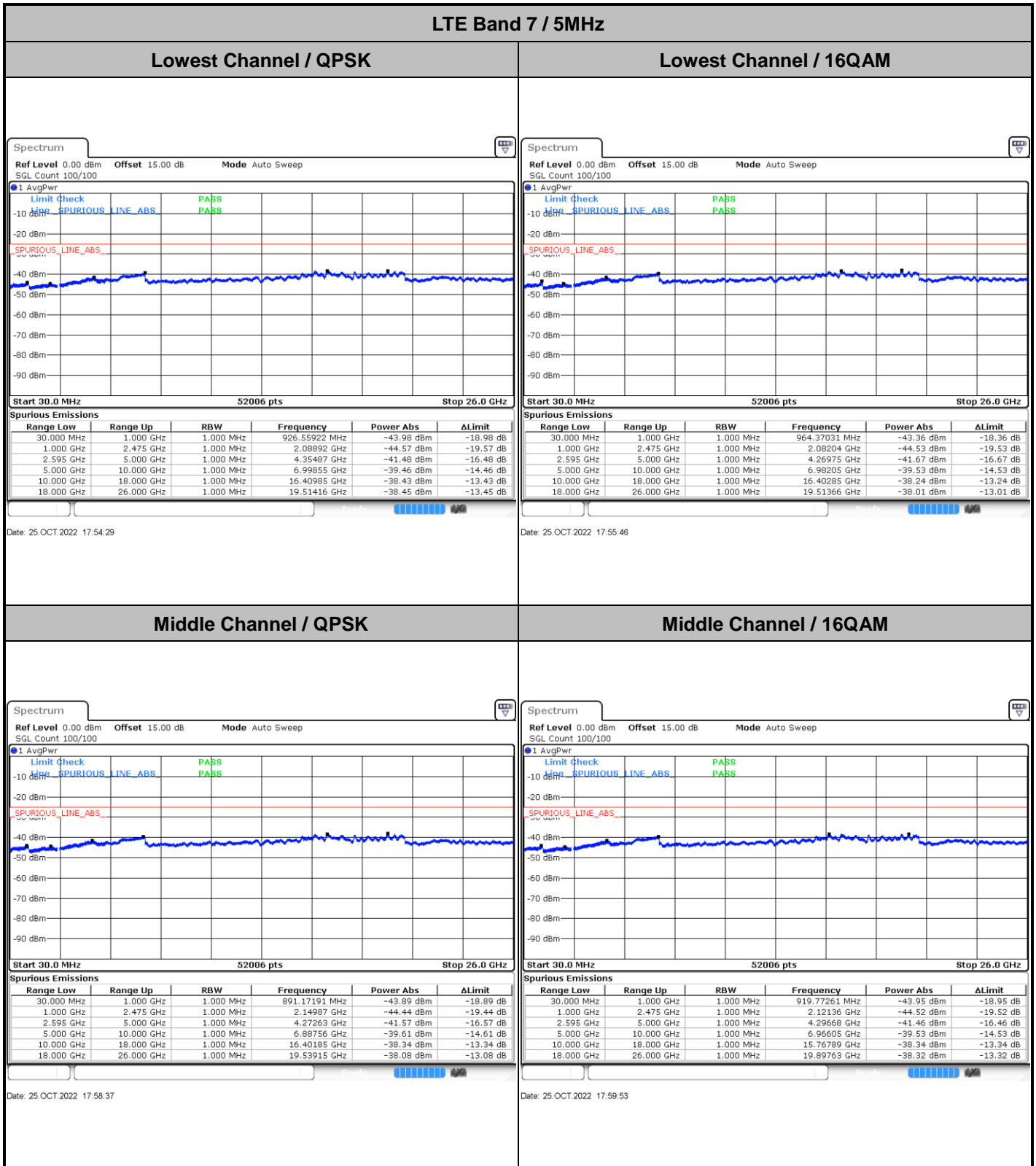
Highest Band Edge / Full RB



Date: 25.OCT.2022 20:01:06



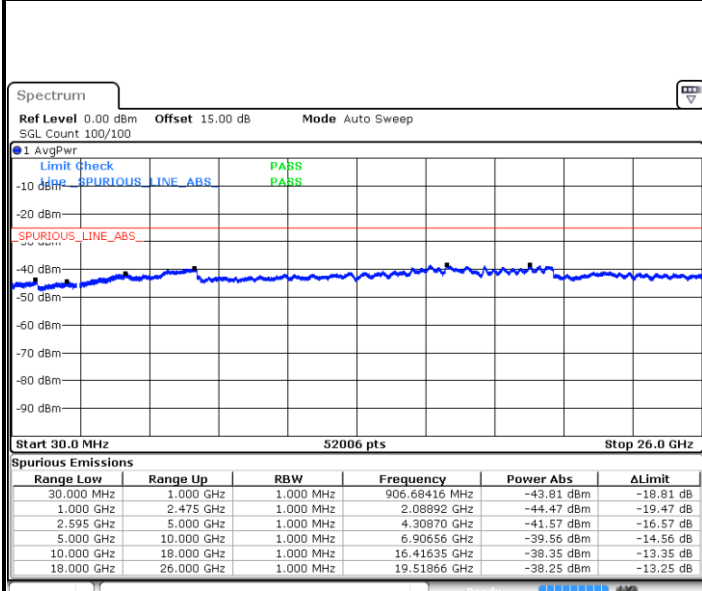
Conducted Spurious Emission





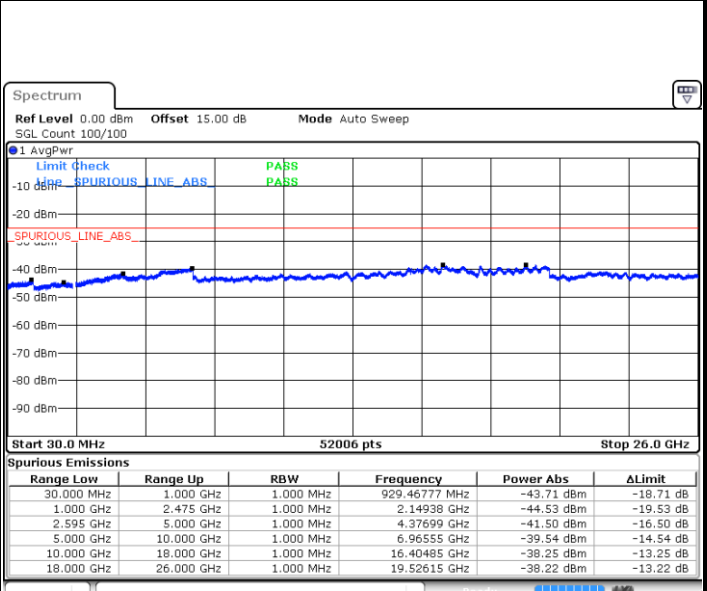
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 25.OCT.2022 18:07:57

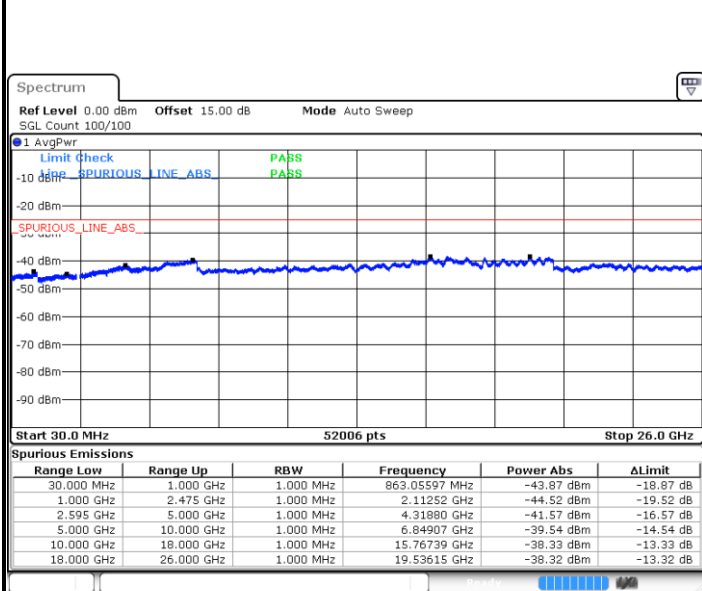
Highest Channel / 16QAM



Date: 25.OCT.2022 18:09:14

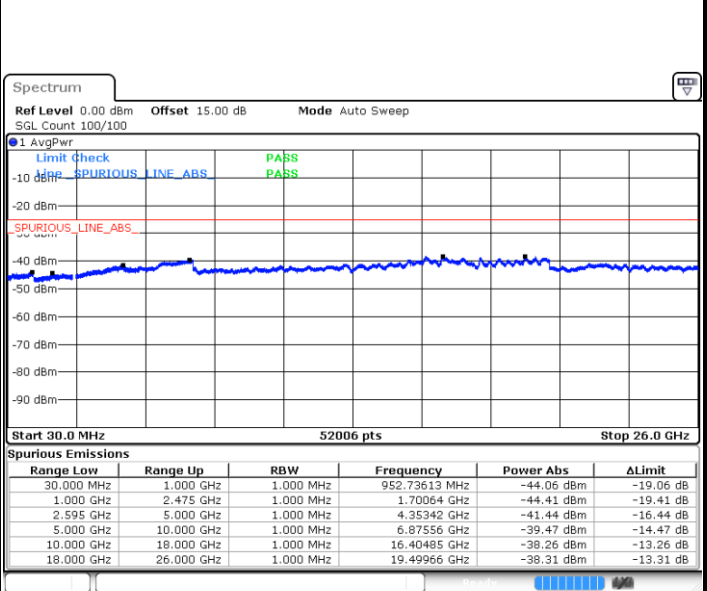
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 25.OCT.2022 18:28:18

Lowest Channel / 16QAM



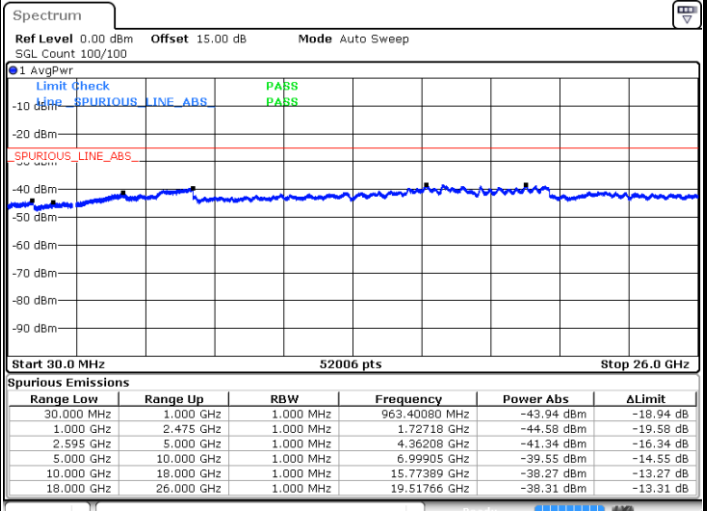
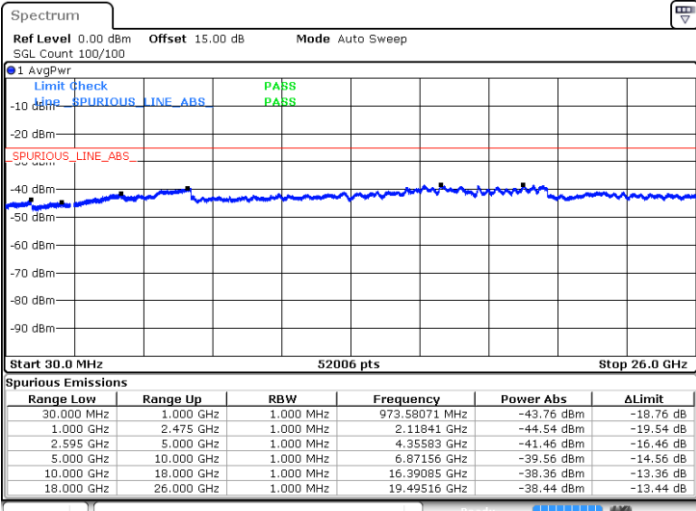
Date: 25.OCT.2022 18:29:35



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

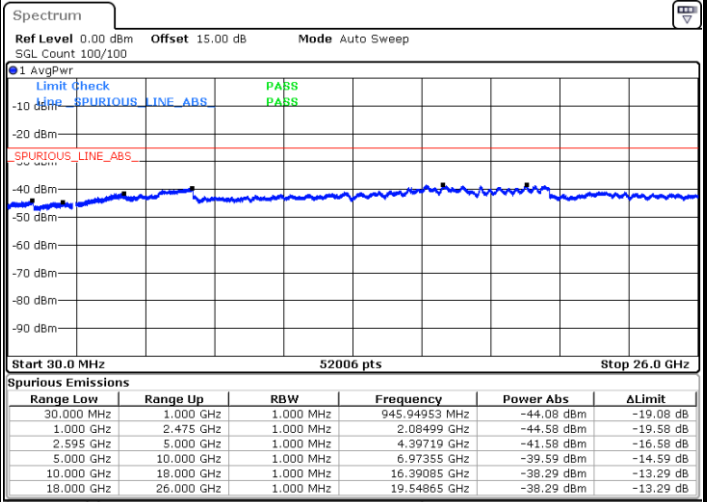
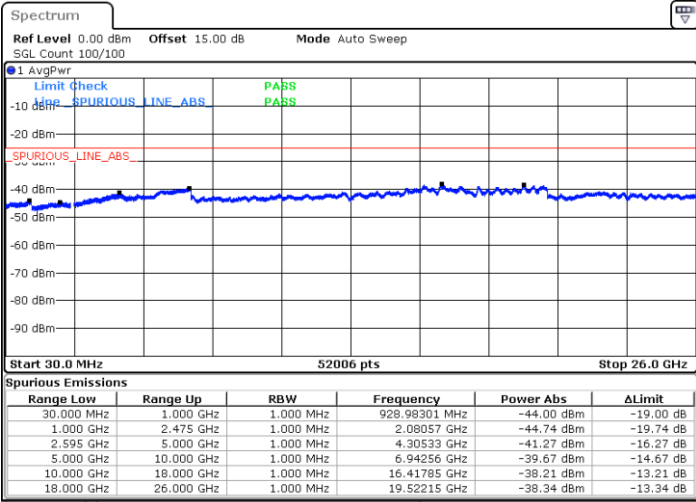


Date: 25.OCT.2022 18:32:28

Date: 25.OCT.2022 18:33:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.OCT.2022 18:41:49

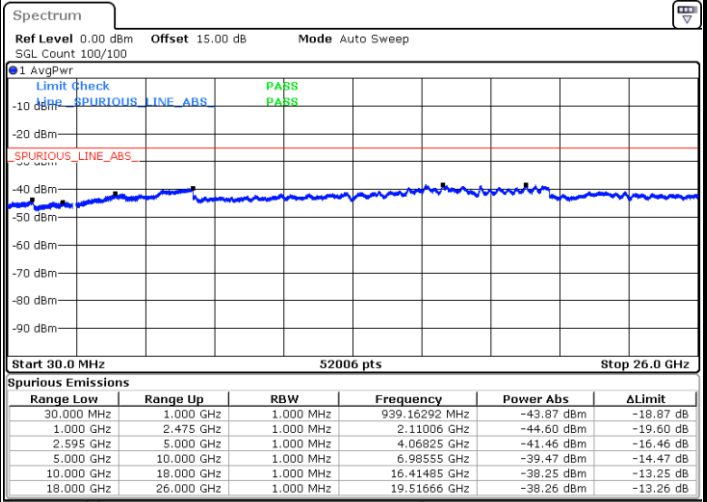
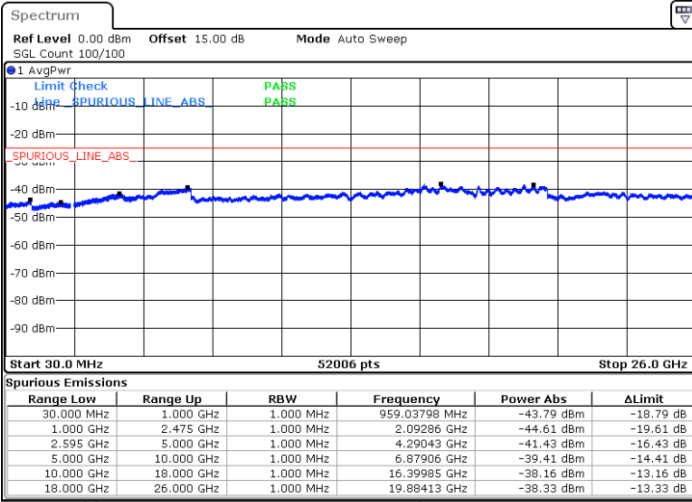
Date: 25.OCT.2022 18:43:06



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

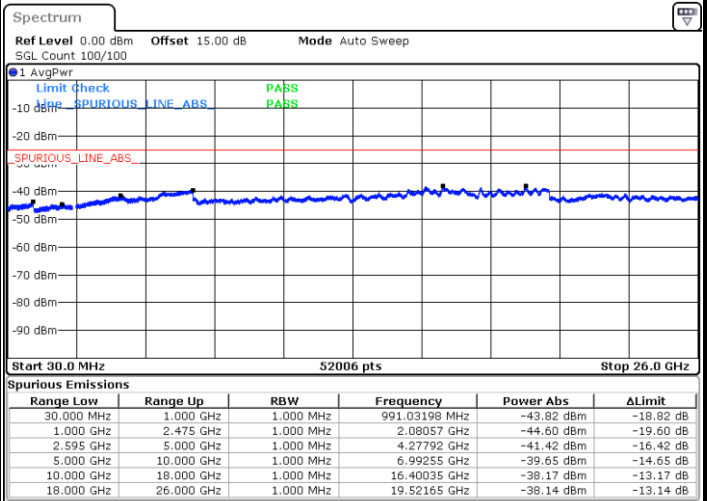
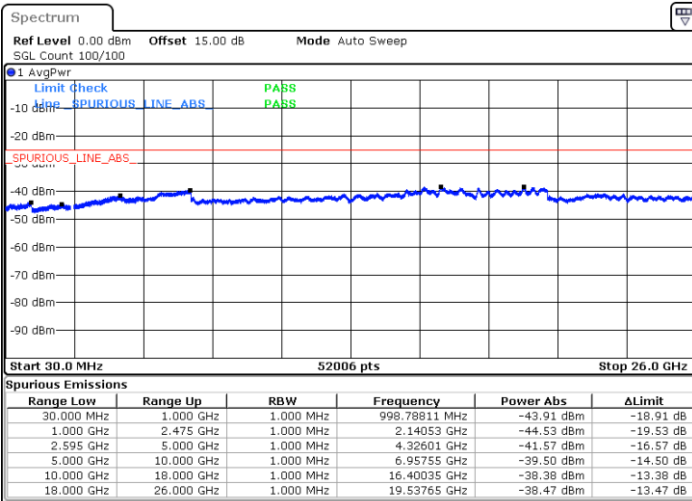


Date: 25.OCT.2022 19:02:11

Date: 25.OCT.2022 19:03:28

Middle Channel / QPSK

Middle Channel / 16QAM



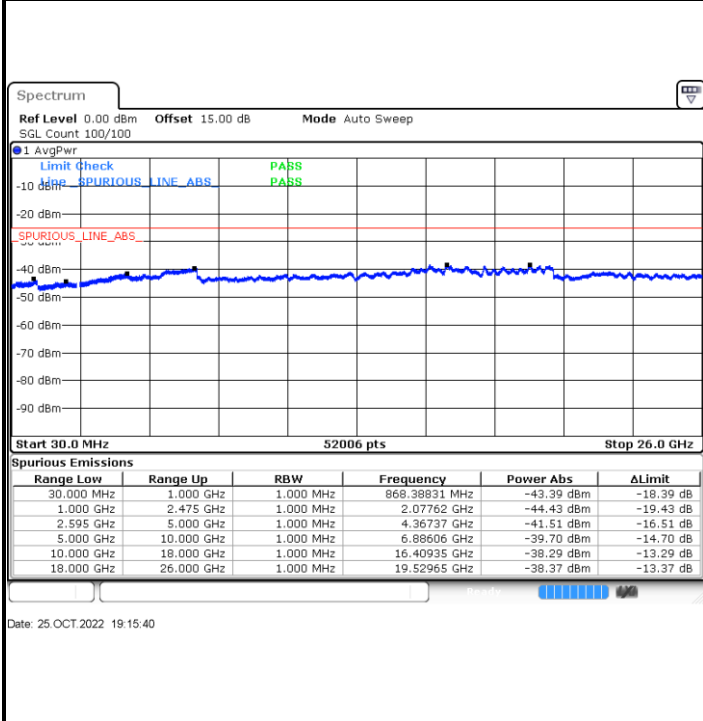
Date: 25.OCT.2022 19:06:19

Date: 25.OCT.2022 19:07:35

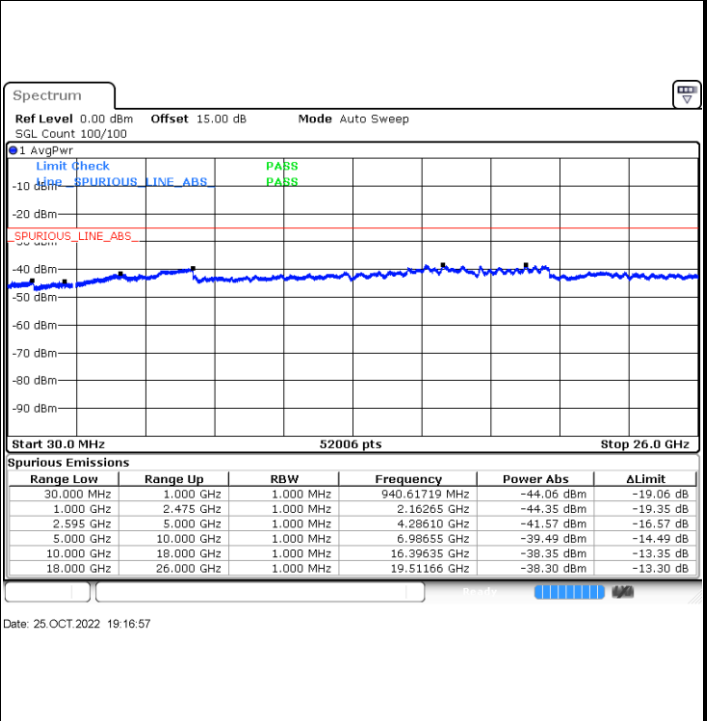


LTE Band7 / 15MHz

Highest Channel / QPSK

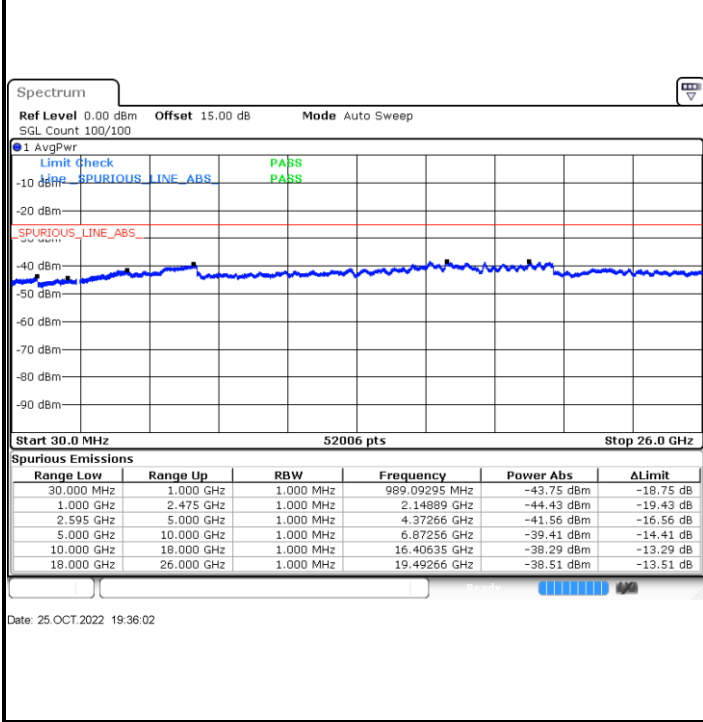


Highest Channel / 16QAM

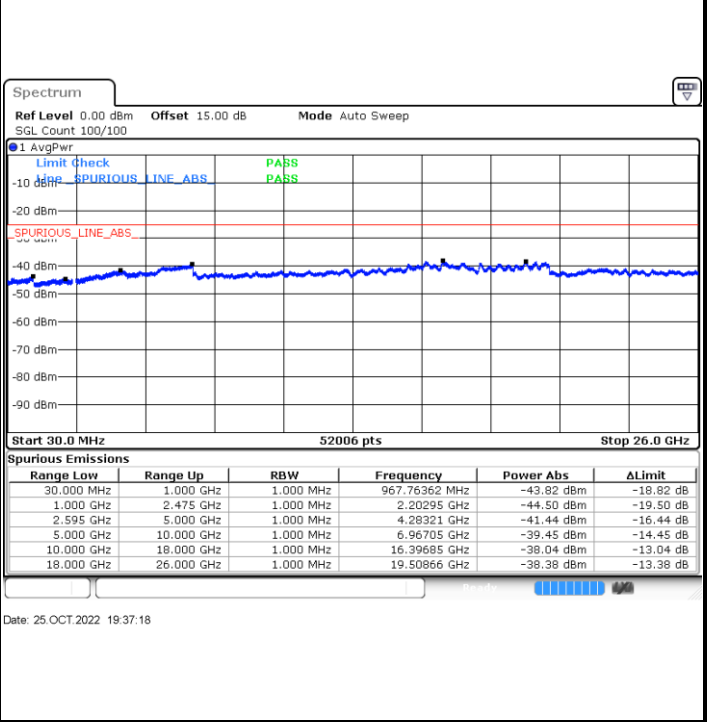


LTE Band 7 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

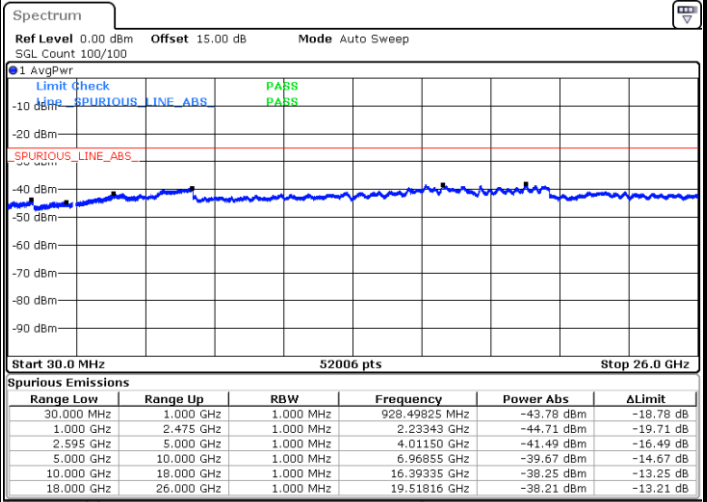
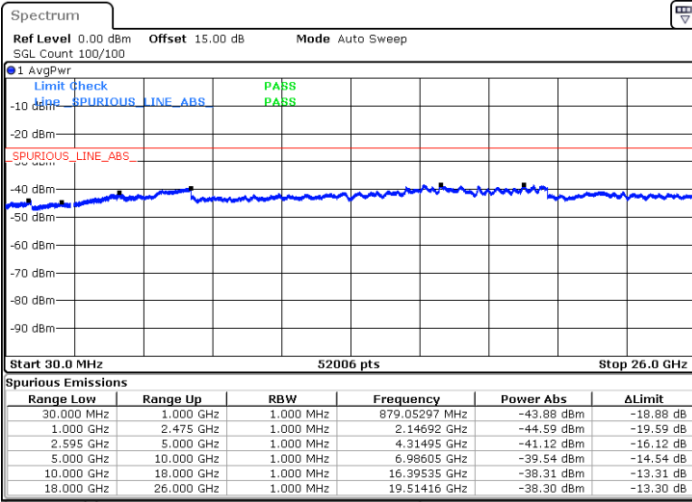




LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

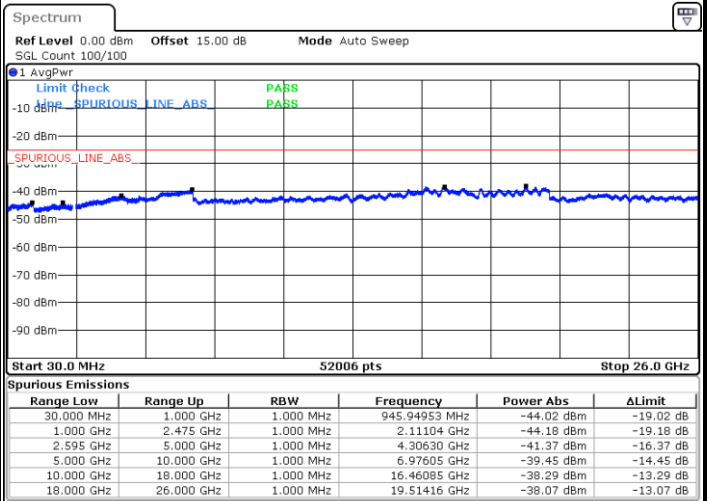
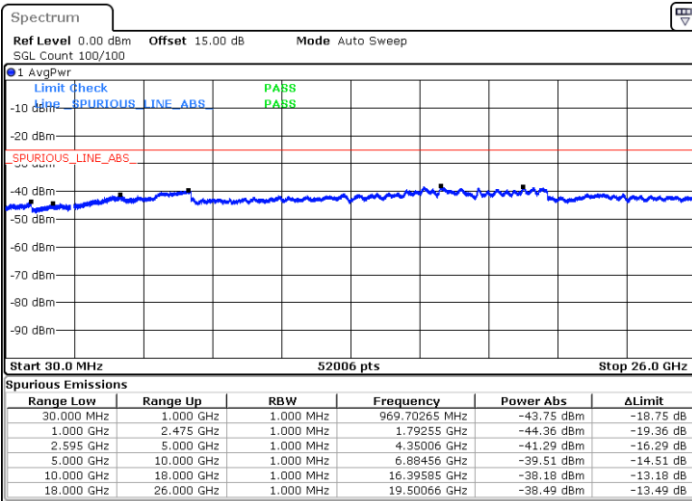


Date: 25.OCT.2022 19:40:09

Date: 25.OCT.2022 19:41:25

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.OCT.2022 19:50:07

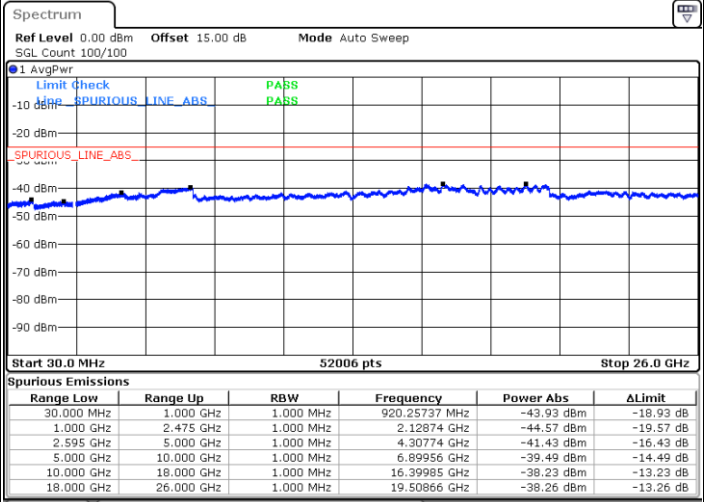
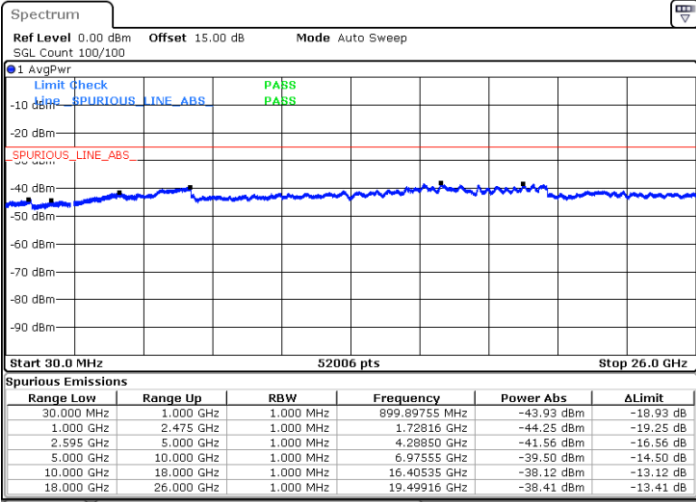
Date: 25.OCT.2022 19:51:24



LTE Band 7 / 5MHz

Lowest Channel / 64QAM

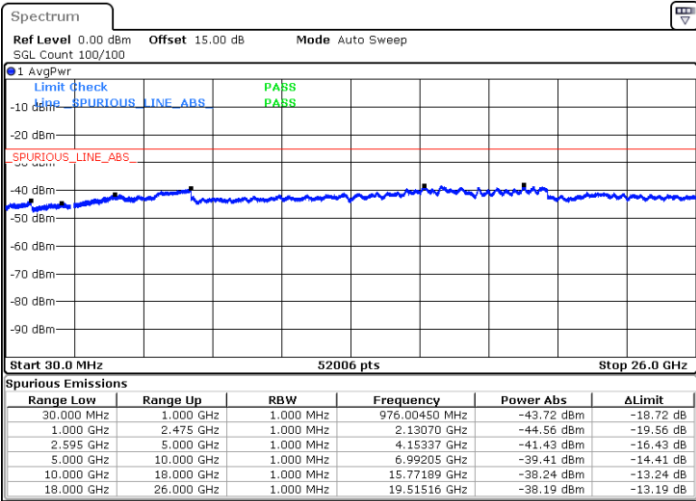
Middle Channel / 64QAM



Date: 25.OCT.2022 18:13:46

Date: 25.OCT.2022 18:15:41

Highest Channel / 64QAM

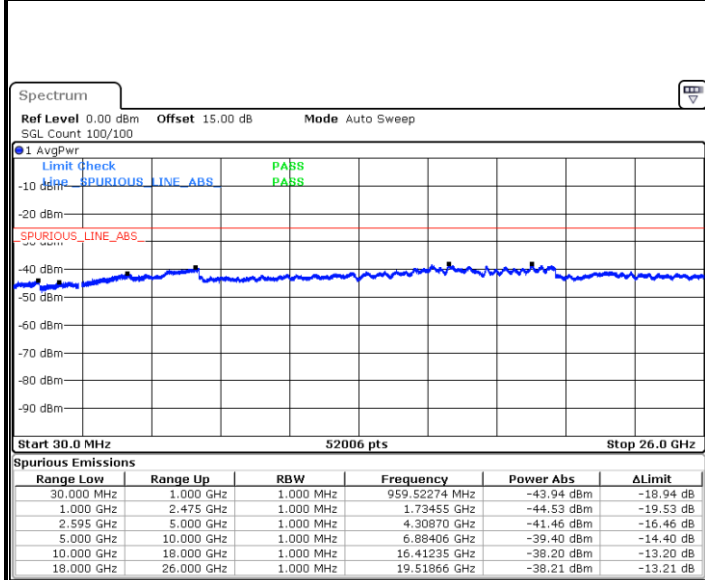


Date: 25.OCT.2022 18:20:12



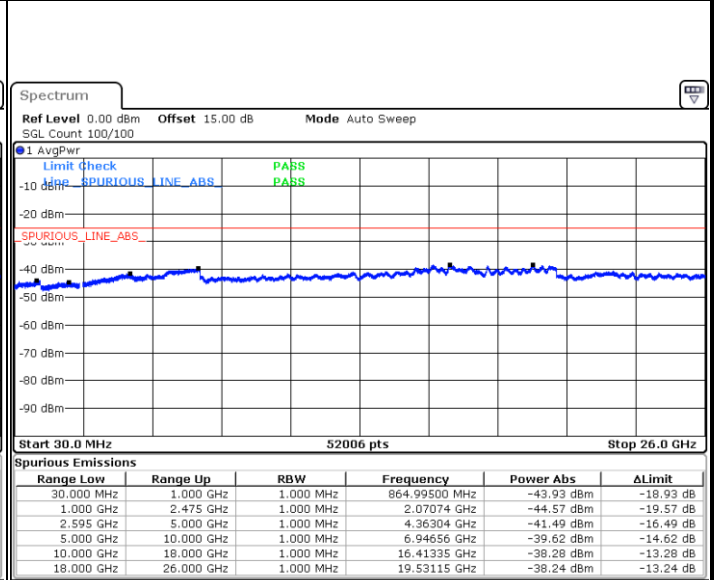
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



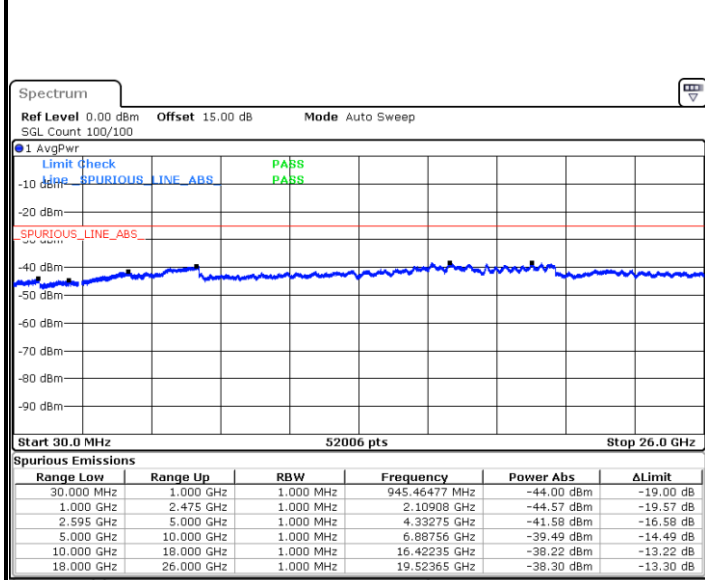
Date: 25.OCT.2022 18:47:38

Middle Channel / 64QAM



Date: 25.OCT.2022 18:49:32

Highest Channel / 64QAM



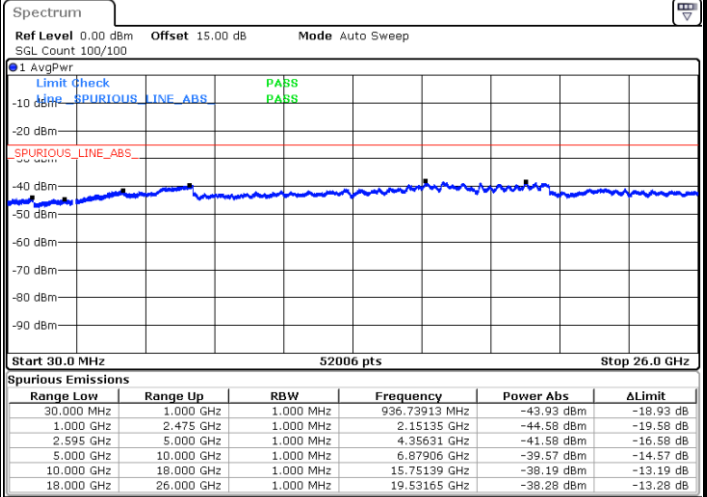
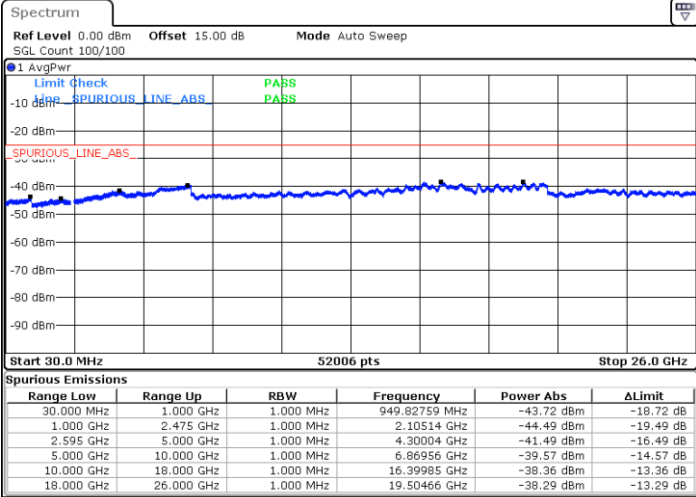
Date: 25.OCT.2022 18:54:04



LTE Band 7 / 15MHz

Lowest Channel / 64QAM

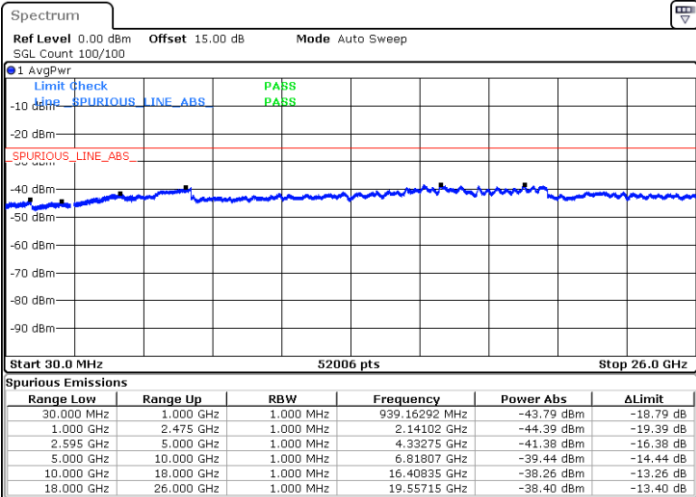
Middle Channel / 64QAM



Date: 25.OCT.2022 19:21:29

Date: 25.OCT.2022 19:23:24

Highest Channel / 64QAM



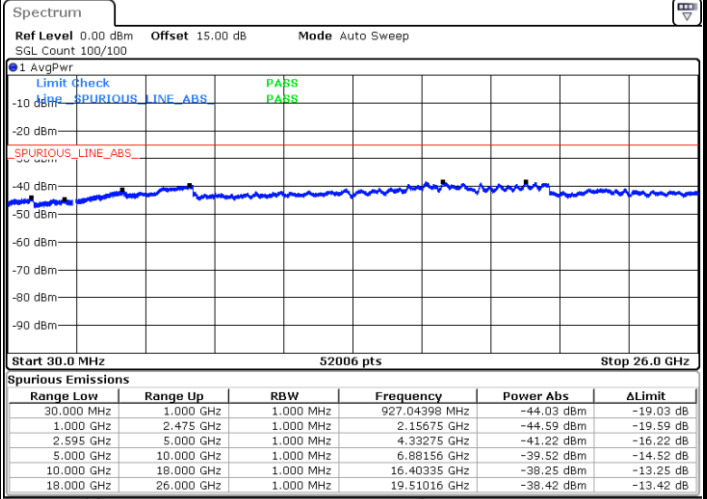
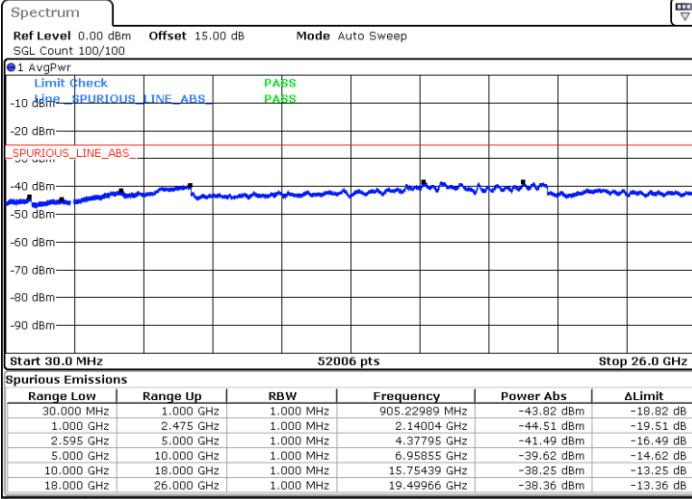
Date: 25.OCT.2022 19:27:55



LTE Band 7 / 20MHz

Lowest Channel / 64QAM

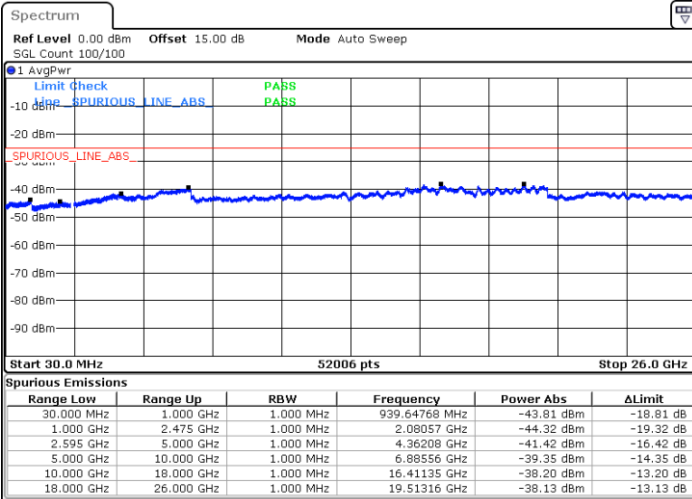
Middle Channel / 64QAM



Date: 25.OCT.2022 19:55:56

Date: 25.OCT.2022 19:57:51

Highest Channel / 64QAM



Date: 25.OCT.2022 20:02:22



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0094	PASS
40	Normal Voltage	0.0096	
30	Normal Voltage	0.0085	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0088	
0	Normal Voltage	0.0086	
-10	Normal Voltage	0.0095	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0081	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0079	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: 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
Lowest CH	30.03	25.48	30.87	34.97
Middle CH	30.03	25.38	31.05	35.18
Highest CH	30.03	25.28	30.69	35.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.09	35.25	39.88	-
Middle CH	30.21	35.11	39.88	-
Highest CH	29.97	34.90	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.97	25.33	30.75	34.90
Middle CH	30.15	25.48	30.69	34.97
Highest CH	29.97	25.38	30.75	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.09	34.90	40.12	-
Middle CH	29.97	35.04	39.80	-
Highest CH	30.09	34.97	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.03	25.23	30.75	34.90
Middle CH	30.27	25.33	30.63	34.97
Highest CH	30.09	25.43	30.69	35.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.39	34.97	40.04	-
Middle CH	29.97	34.97	39.96	-
Highest CH	30.09	35.11	39.96	-