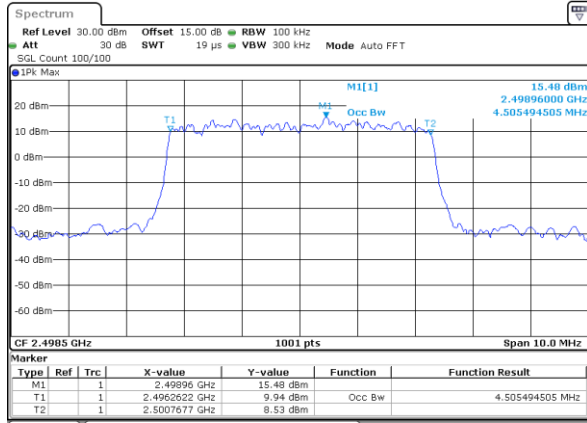




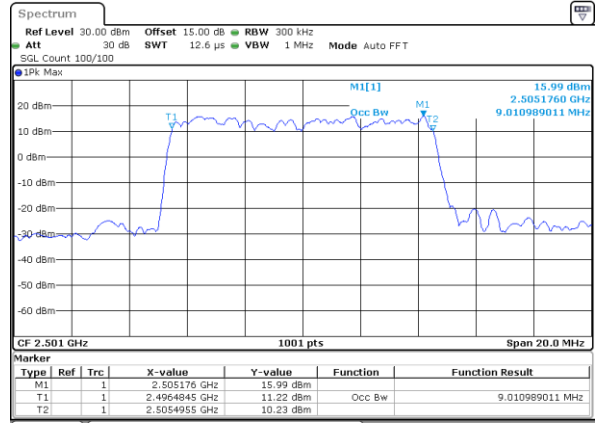
LTE Band 41

Lowest Channel / 5MHz / 64QAM



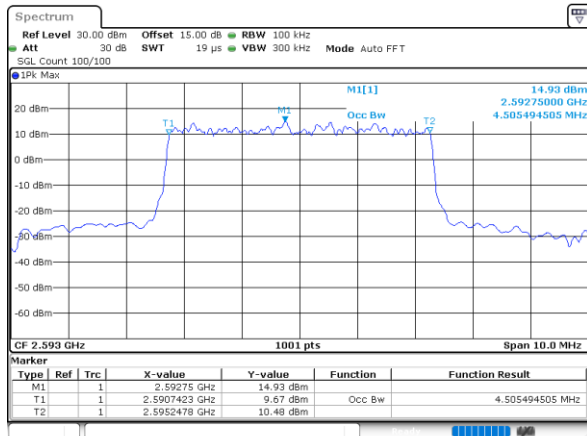
Date: 23.MAY.2022 16:27:58

Lowest Channel / 10MHz / 64QAM



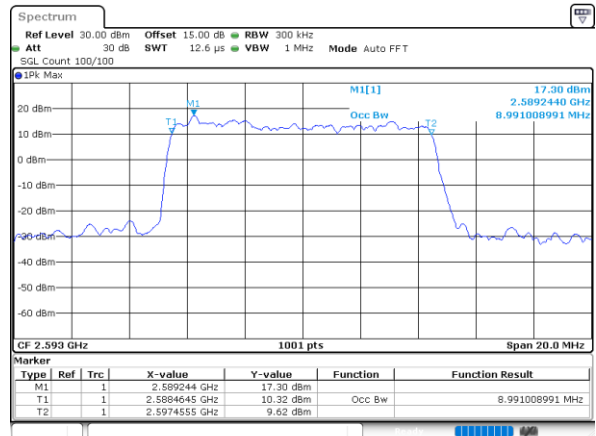
Date: 23.MAY.2022 16:29:52

Middle Channel / 5MHz / 64QAM



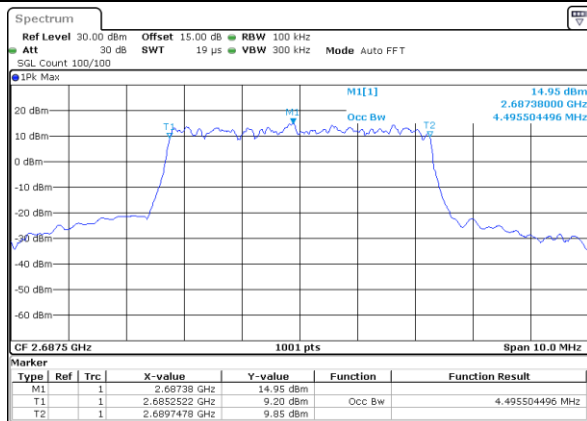
Date: 23.MAY.2022 16:28:35

Middle Channel / 10MHz / 64QAM



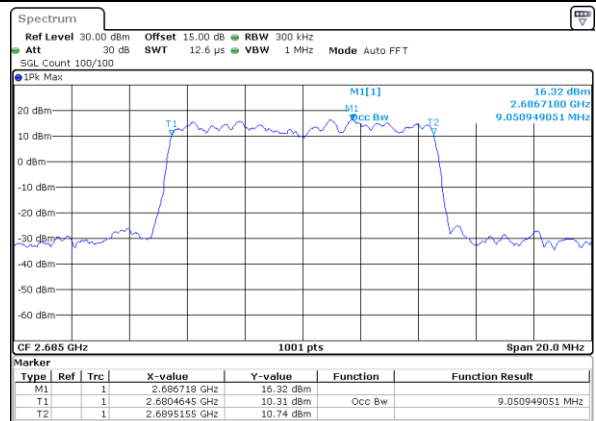
Date: 23.MAY.2022 16:30:29

Highest Channel / 5MHz / 64QAM



Date: 23.MAY.2022 16:29:13

Highest Channel / 10MHz / 64QAM

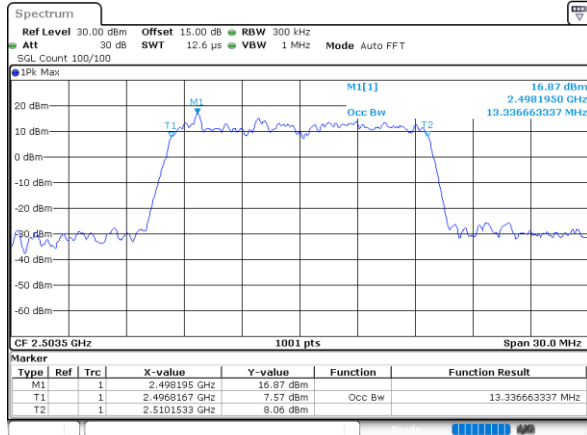


Date: 23.MAY.2022 16:31:07

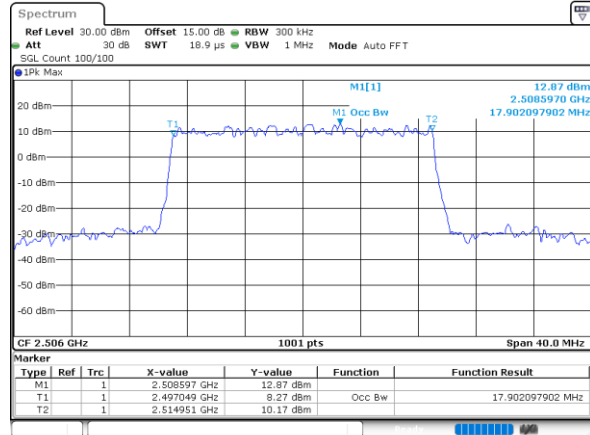


LTE Band 41

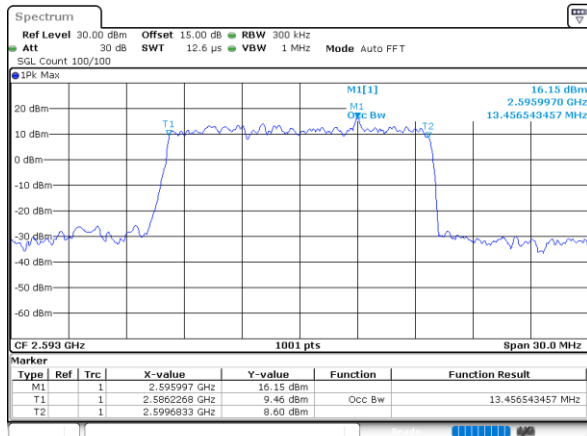
Lowest Channel / 15MHz / 64QAM



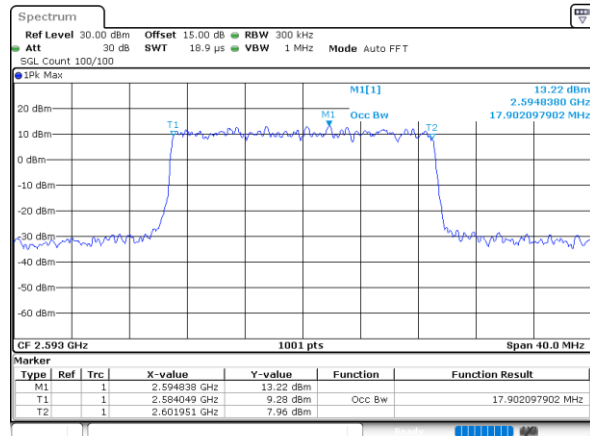
Lowest Channel / 20MHz / 64QAM



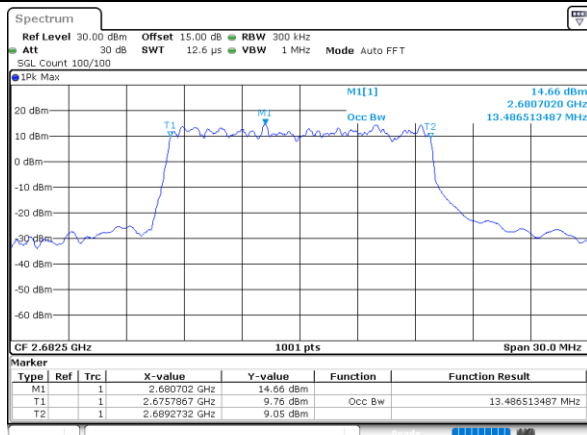
Middle Channel / 15MHz / 64QAM



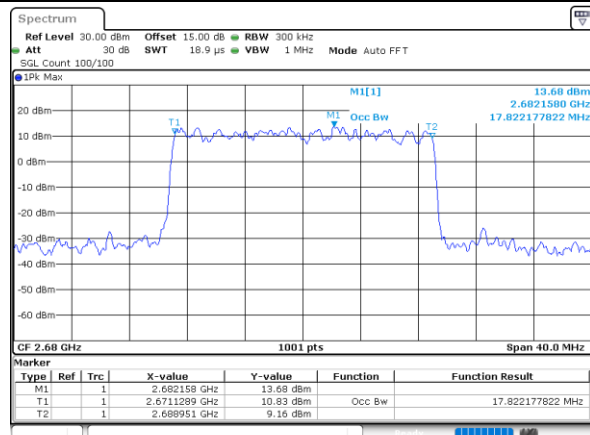
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

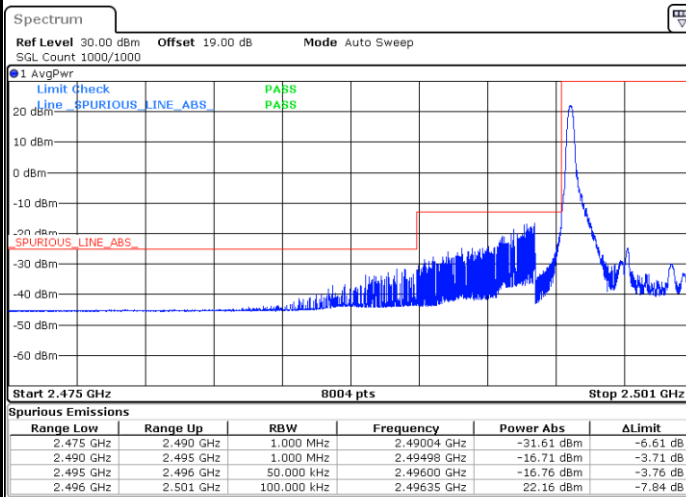




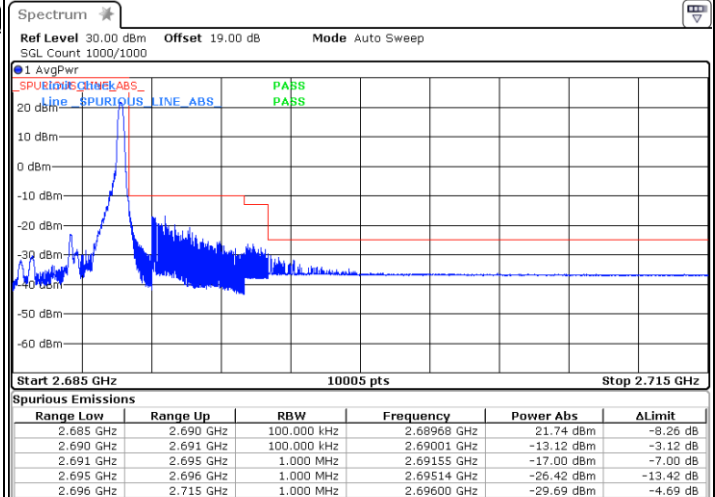
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

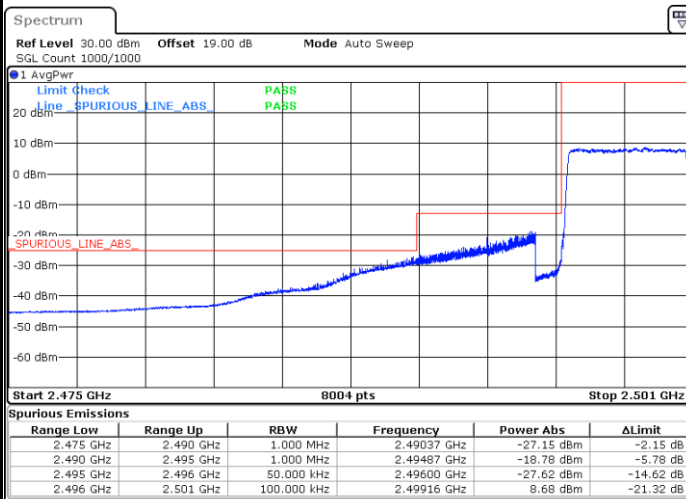
Lowest Band Edge / 1 RB



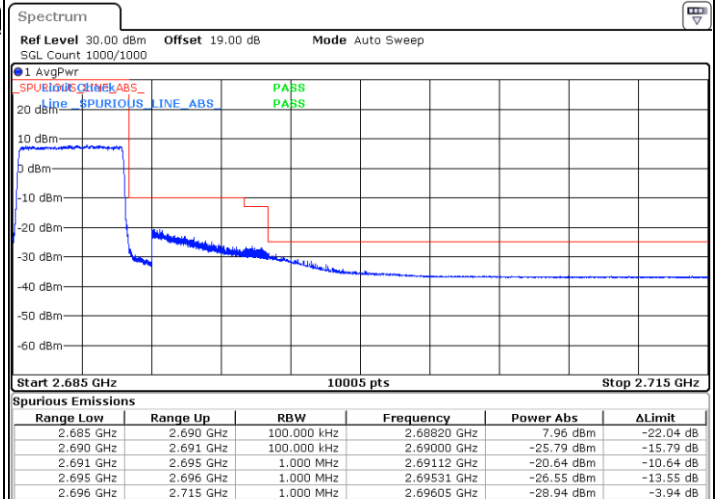
Highest Band Edge / 1 RB

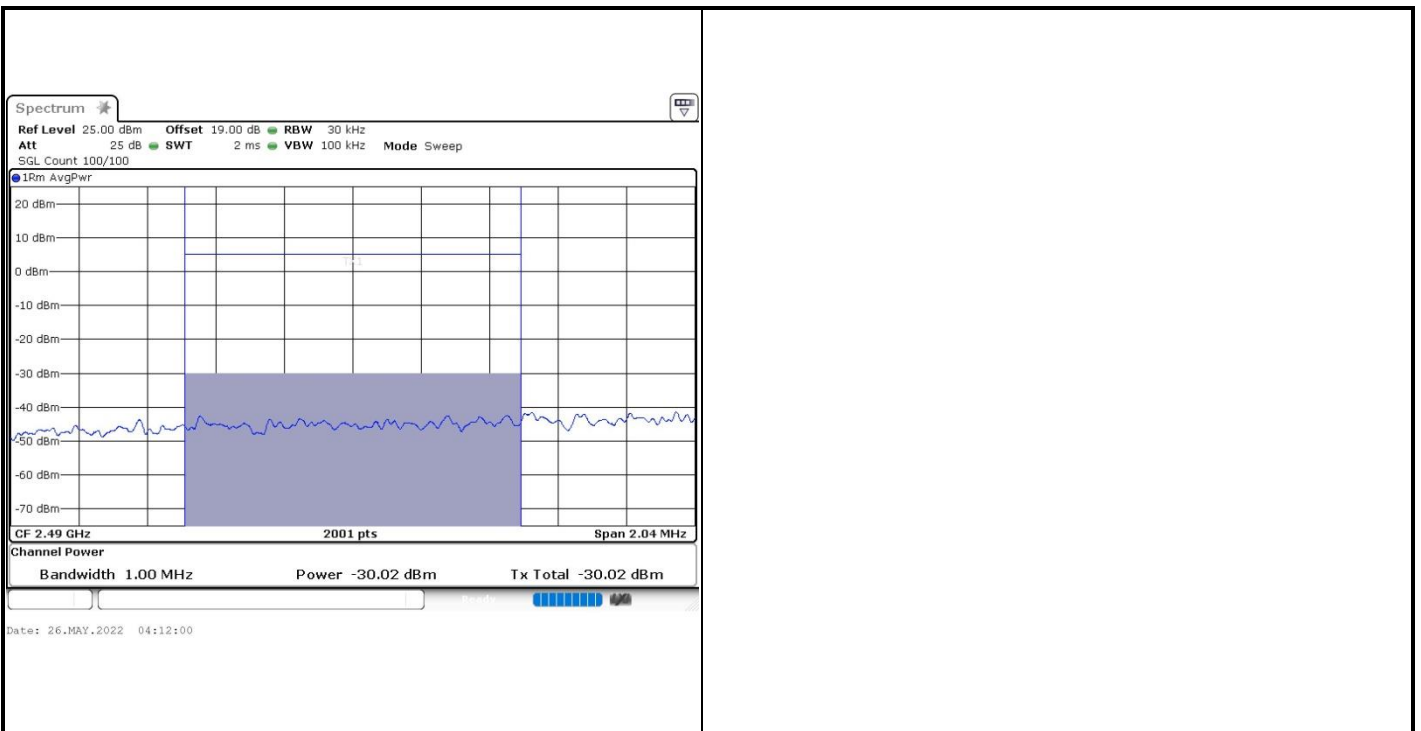


Lowest Band Edge / Full RB



Highest Band Edge / Full RB

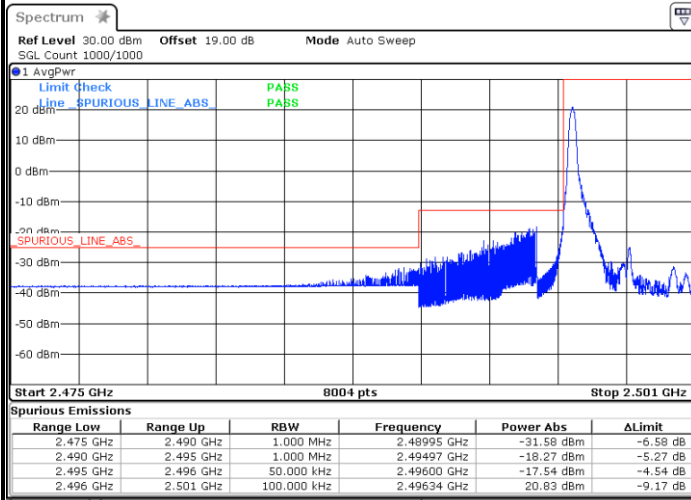






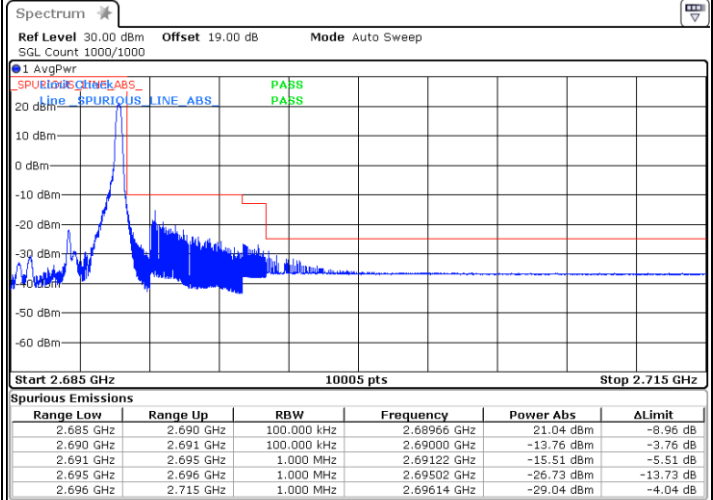
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



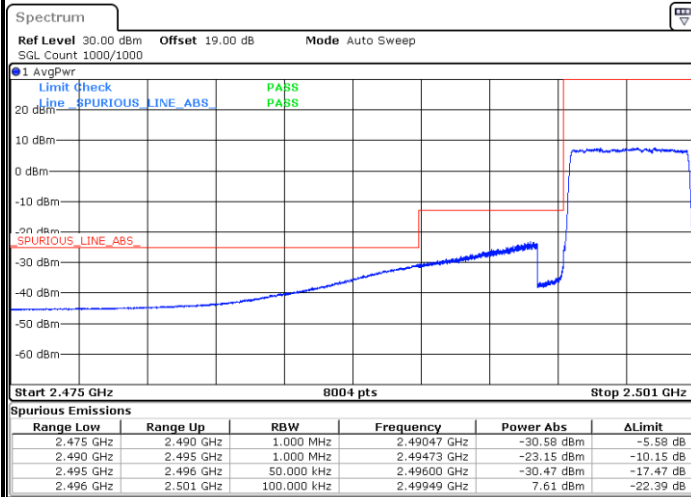
Date: 27 MAY 2022 16:27:14

Highest Band Edge / 1 RB



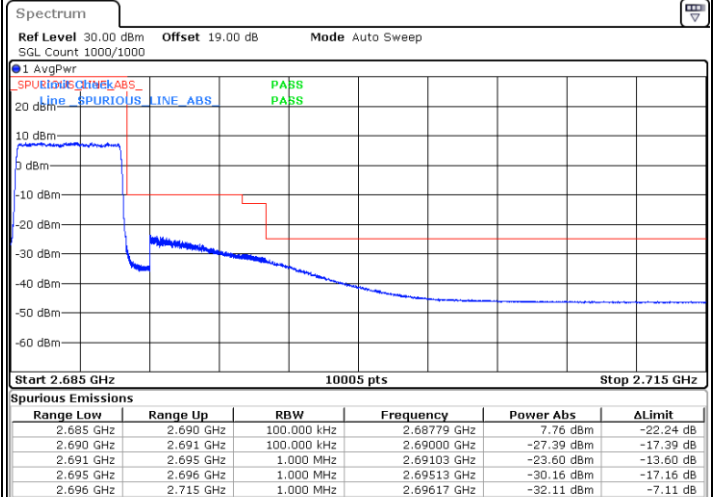
Date: 27 MAY 2022 17:20:02

Lowest Band Edge / Full RB



Date: 23 MAY 2022 15:26:28

Highest Band Edge / Full RB

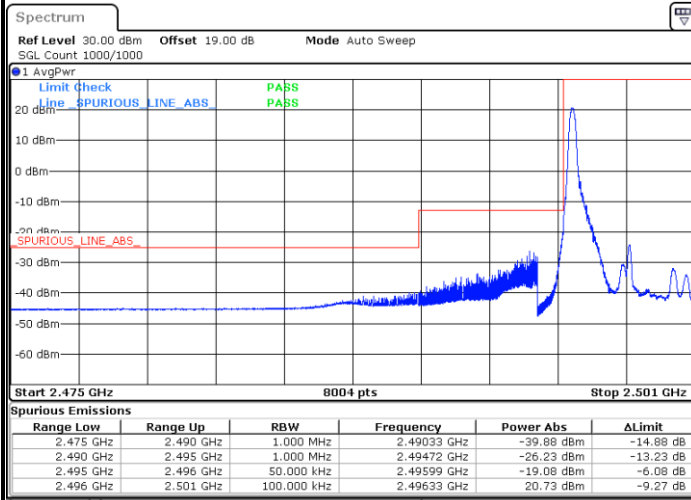


Date: 23 MAY 2022 15:43:22

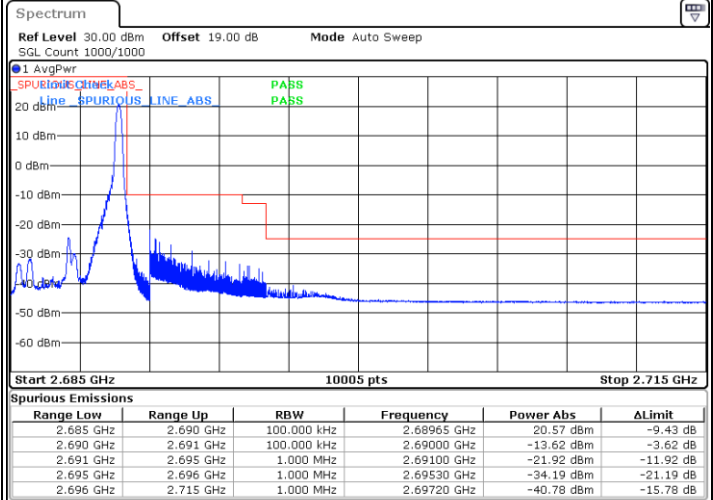


LTE Band 41 / 5MHz / 64QAM

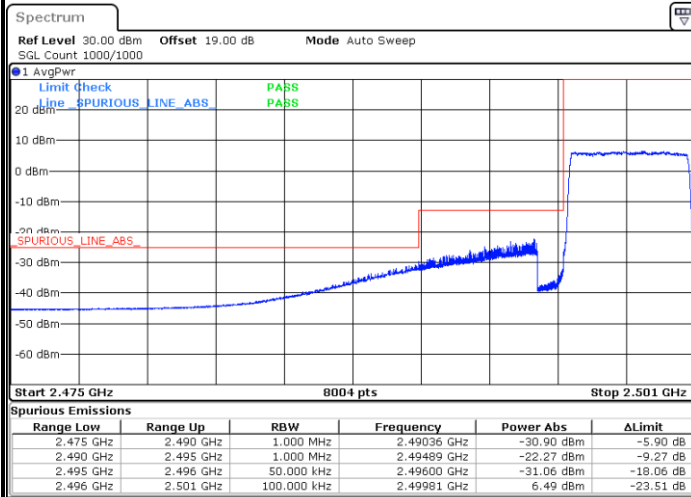
Lowest Band Edge / 1RB



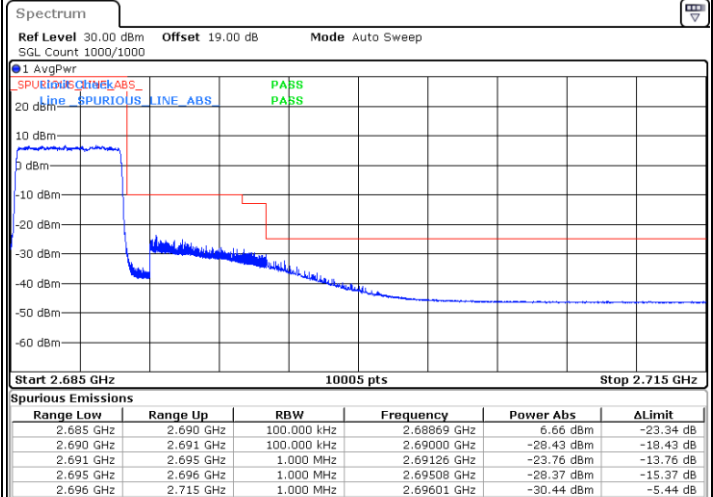
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



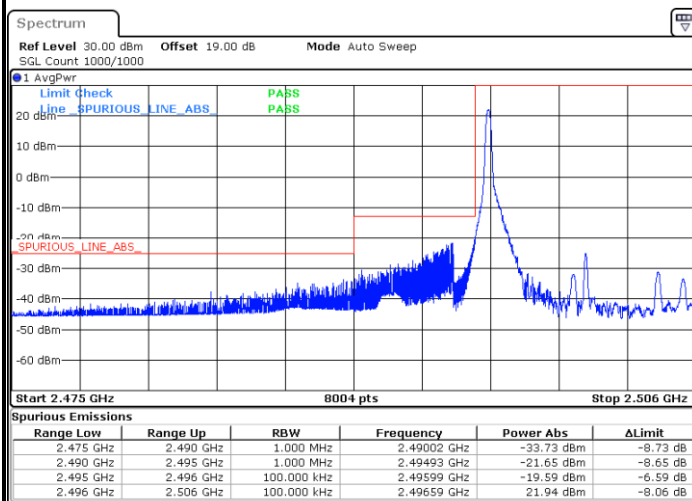
Highest Band Edge / Full RB



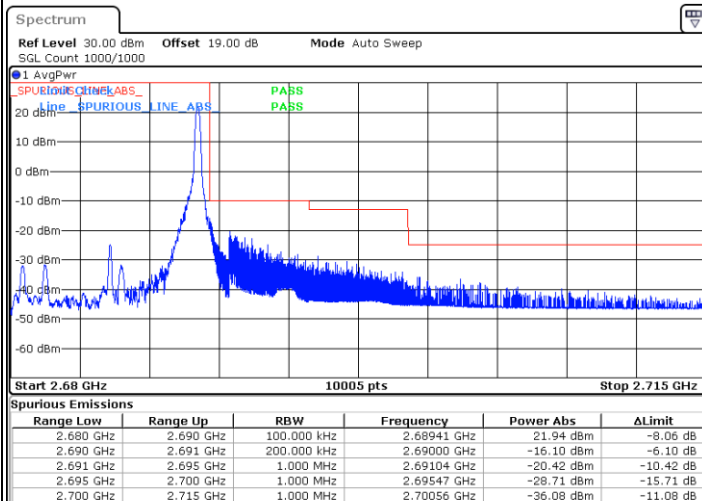


LTE Band 41 / 10MHz / QPSK

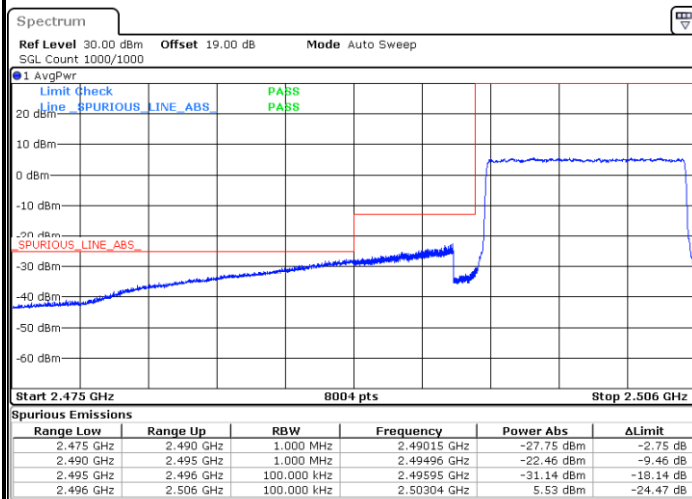
Lowest Band Edge / 1 RB



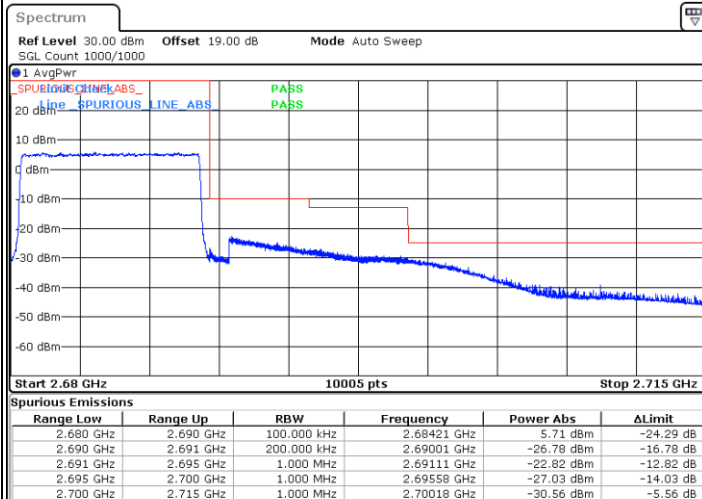
Highest Band Edge / 1 RB

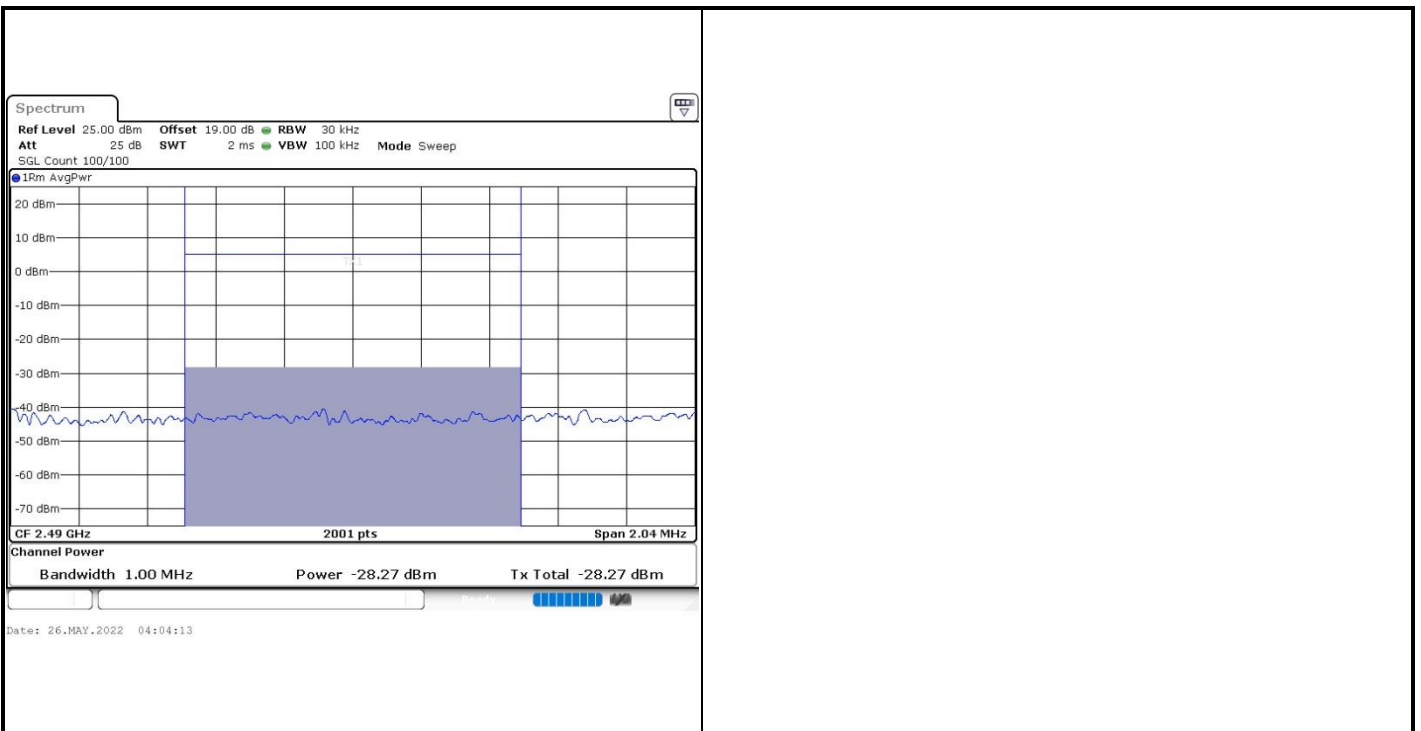


Lowest Band Edge / Full RB



Highest Band Edge / Full RB

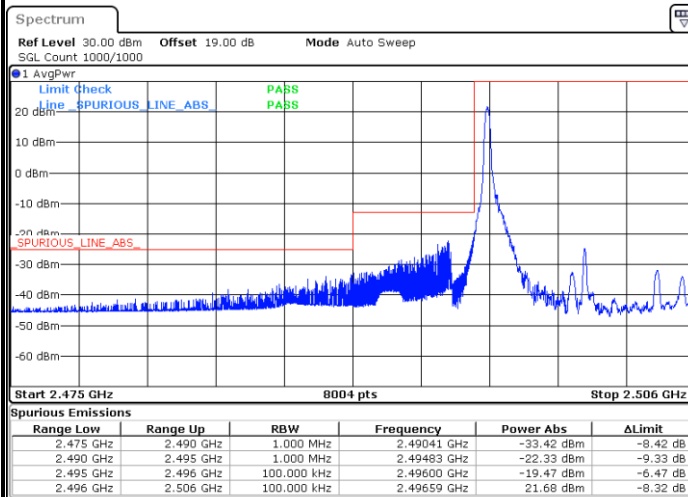




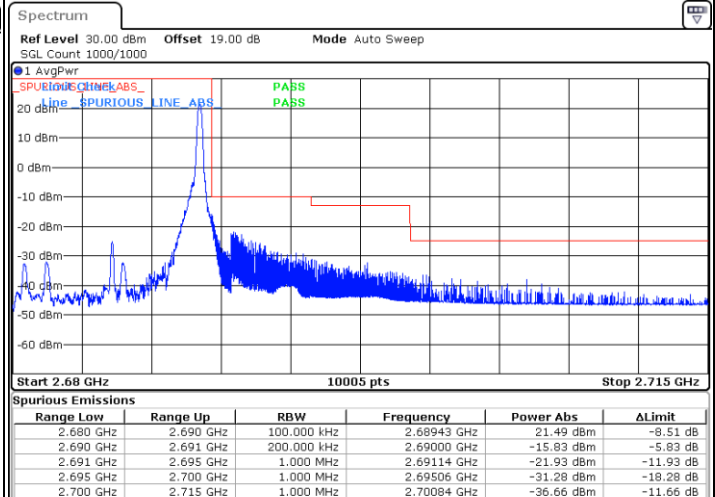


LTE Band 41 / 10MHz / 16QAM

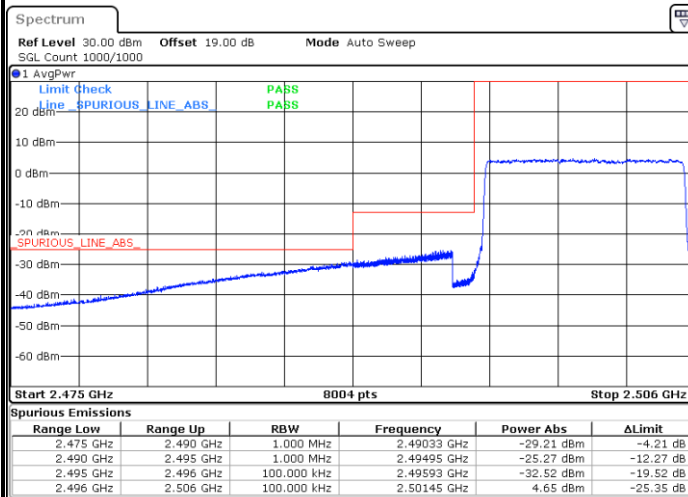
Lowest Band Edge / 1 RB



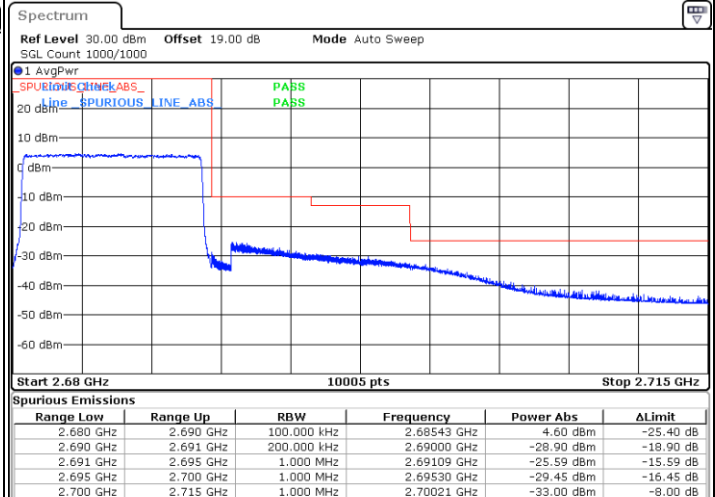
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



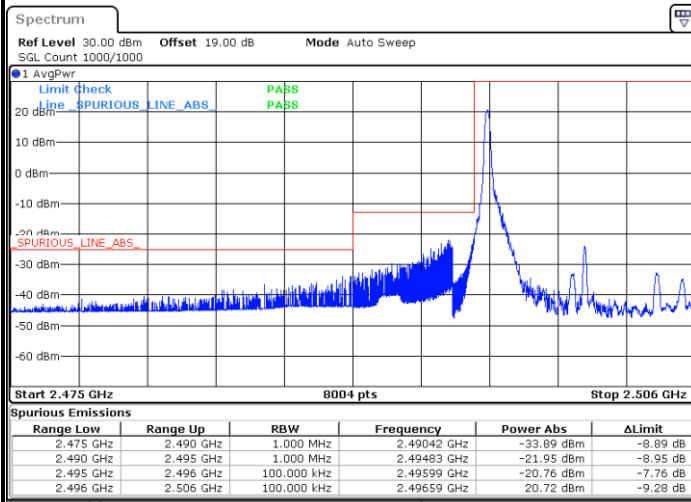
Highest Band Edge / Full RB



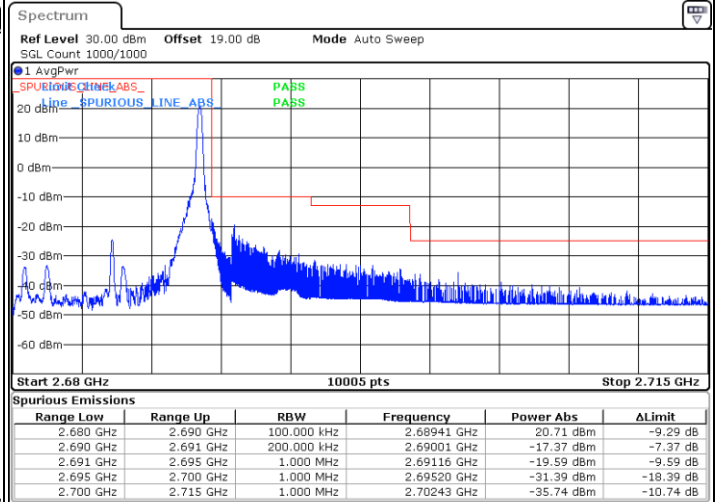


LTE Band 41 / 10MHz / 64QAM

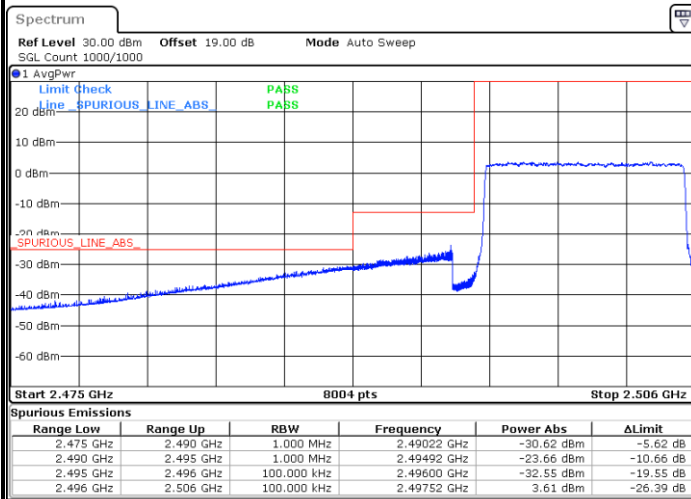
Lowest Band Edge / 1 RB



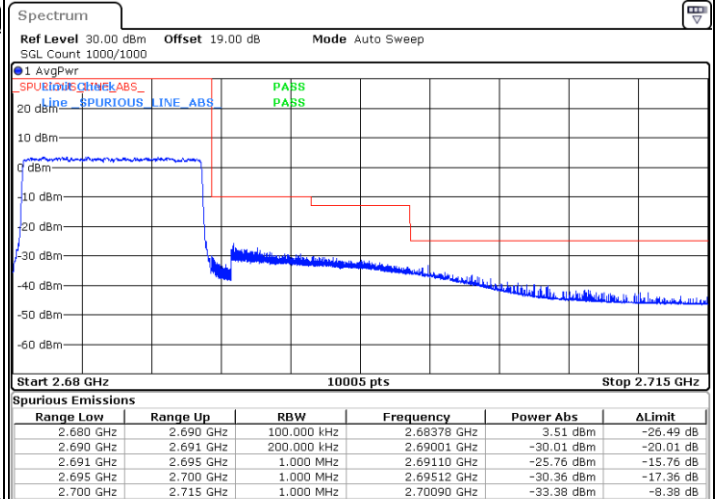
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



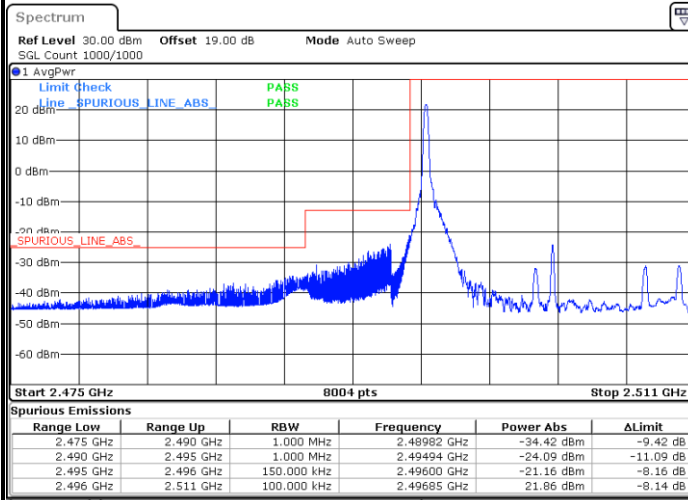
Highest Band Edge / Full RB



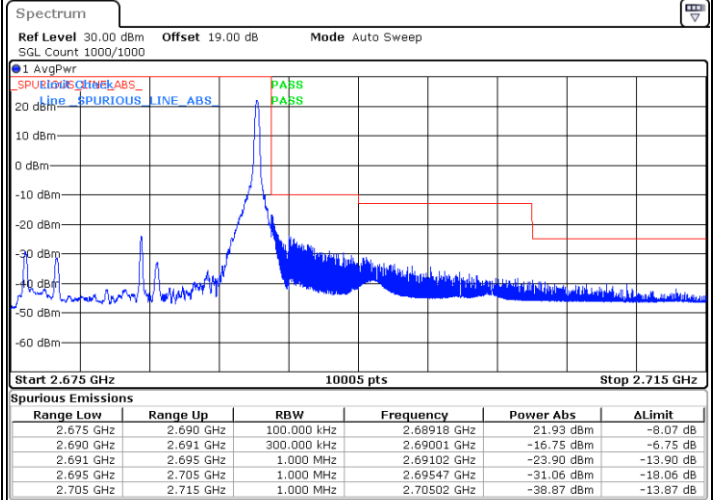


LTE Band 41 / 15MHz / QPSK

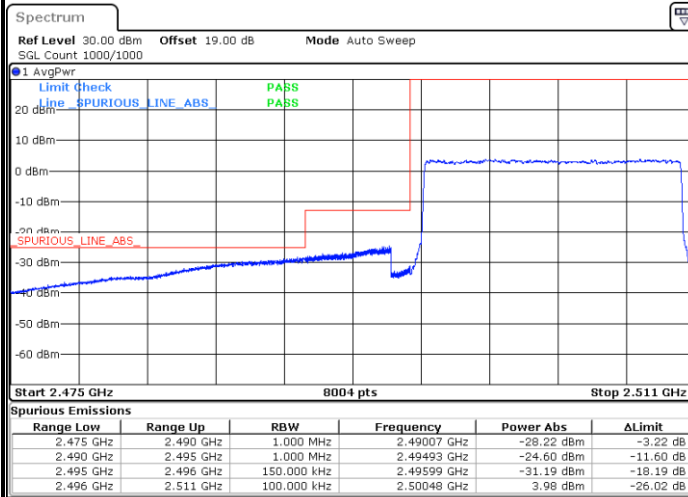
Lowest Band Edge / 1 RB



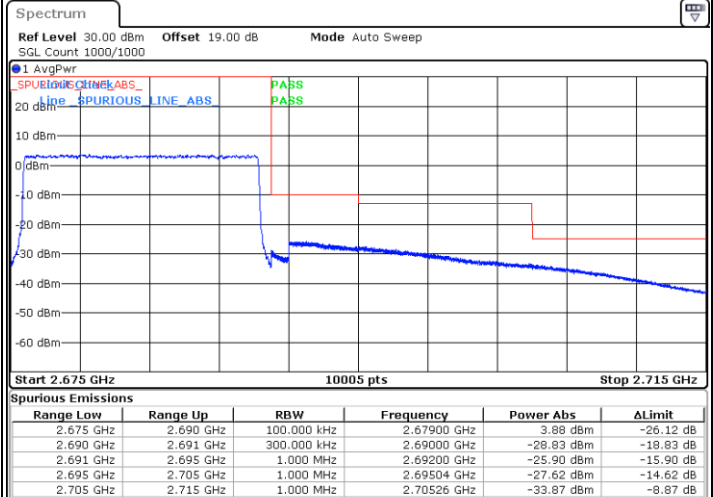
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



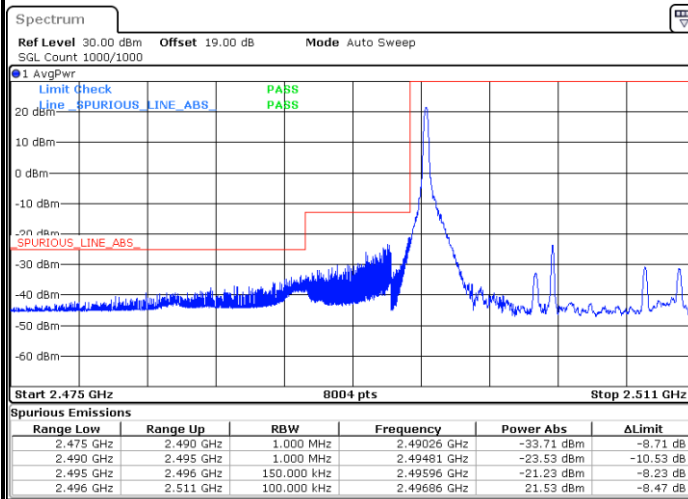
Highest Band Edge / Full RB



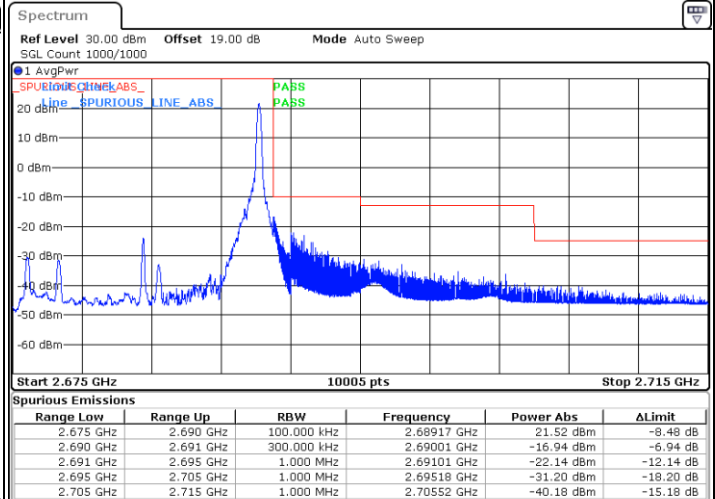


LTE Band 41 / 15MHz / 16QAM

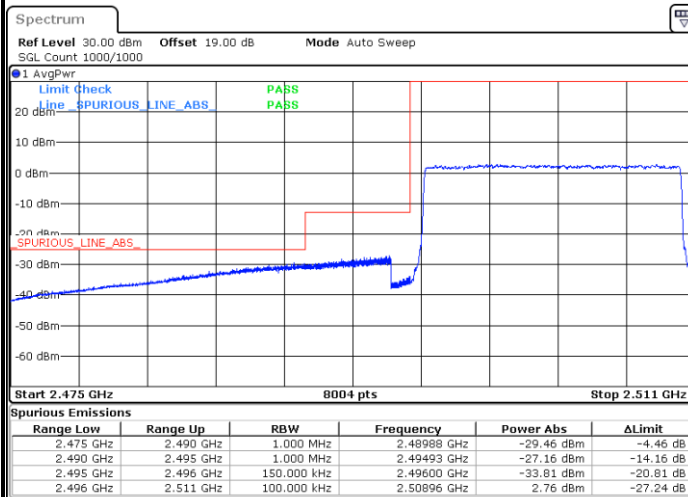
Lowest Band Edge / 1 RB



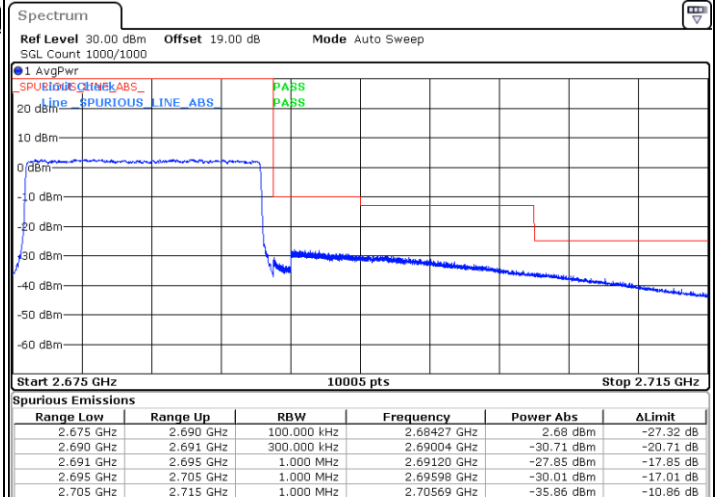
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



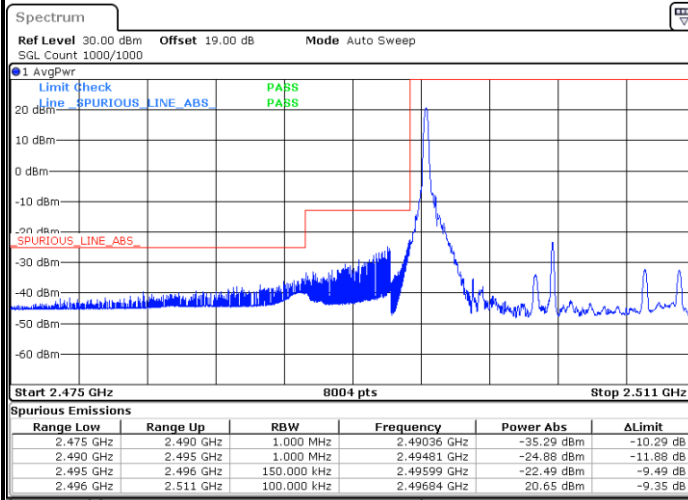
Highest Band Edge / Full RB



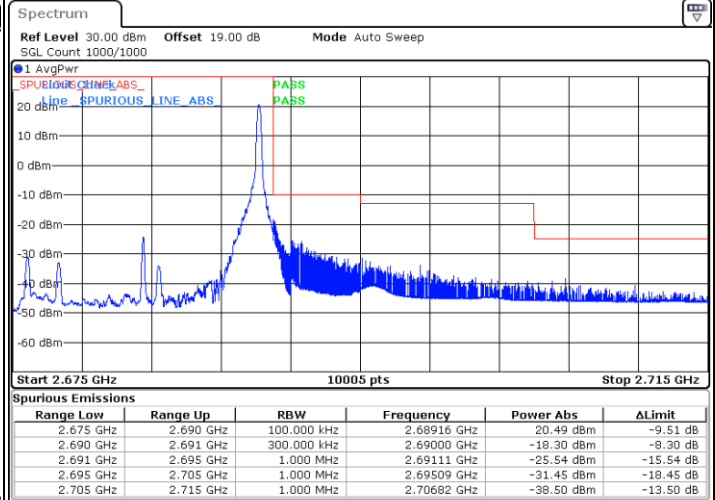


LTE Band 41 / 15MHz / 64QAM

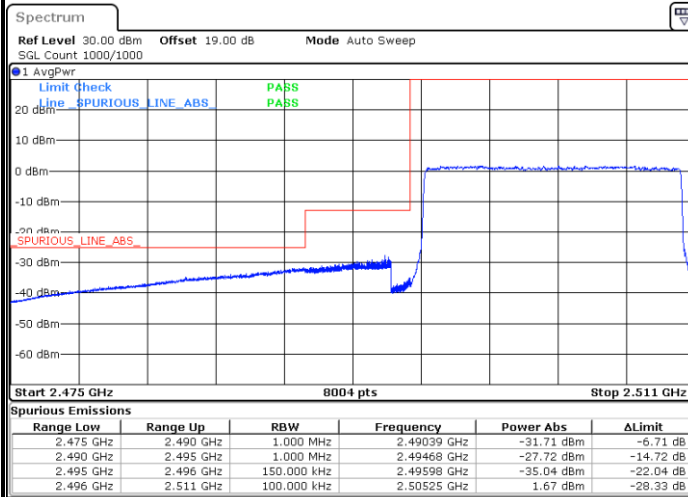
Lowest Band Edge / 1 RB



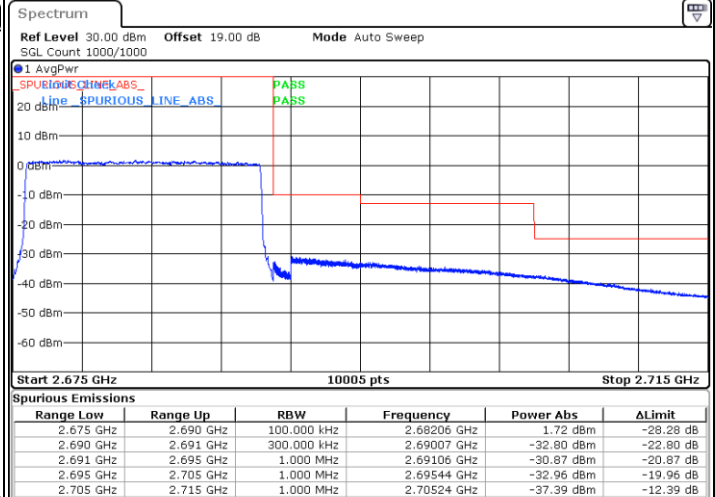
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



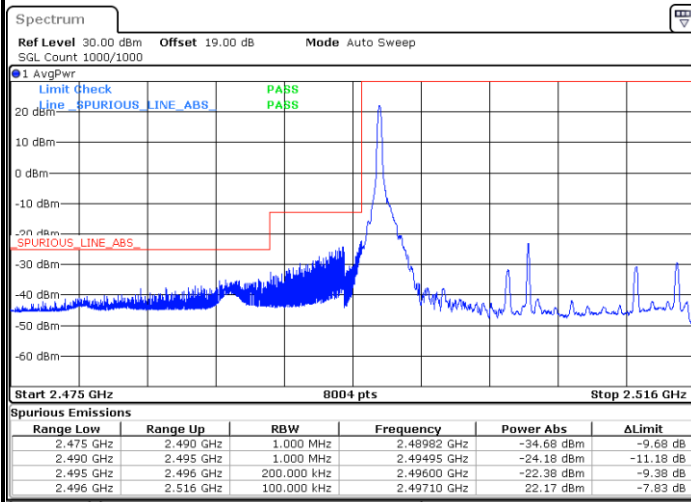
Highest Band Edge / Full RB



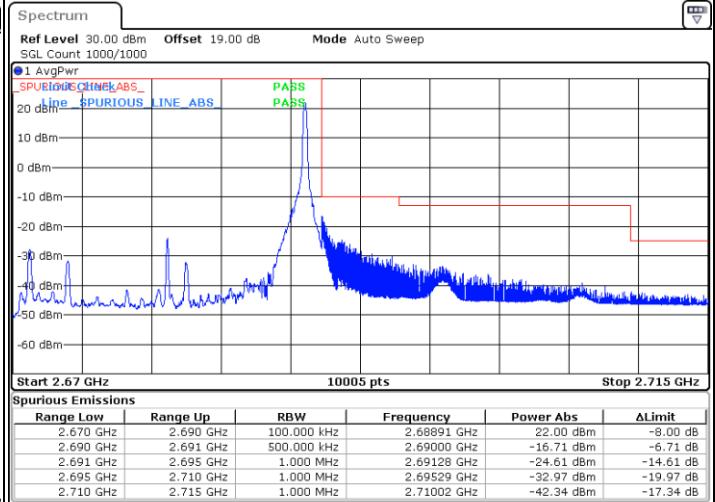


LTE Band 41 / 20MHz / QPSK

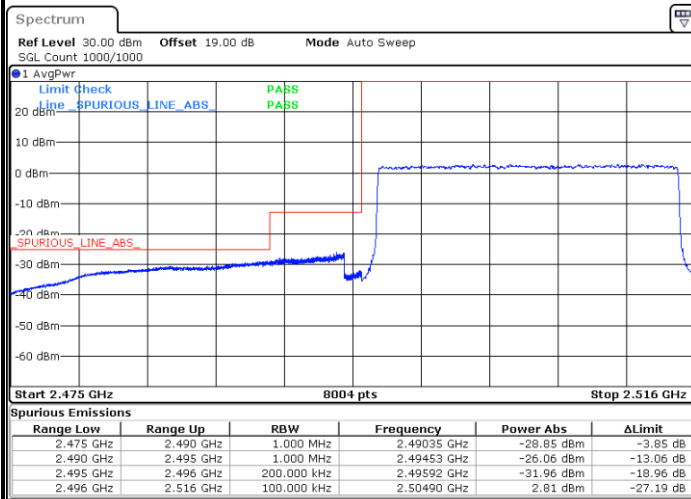
Lowest Band Edge / 1 RB



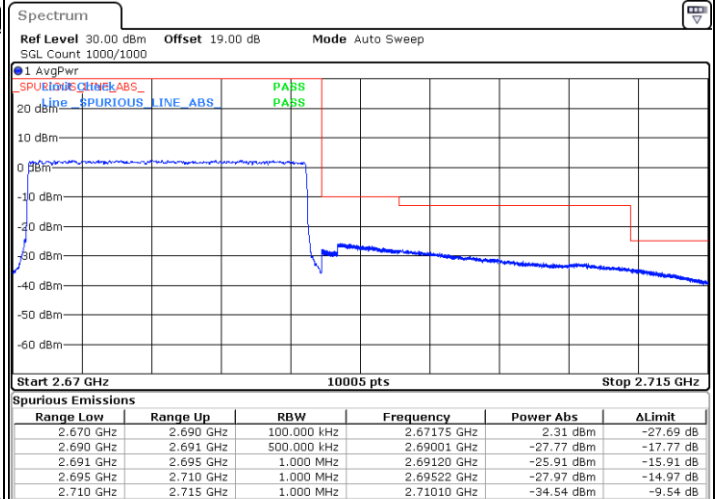
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



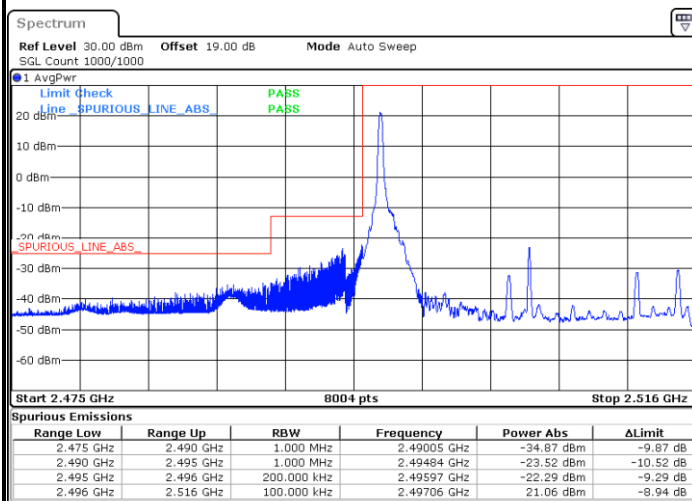
Highest Band Edge / Full RB



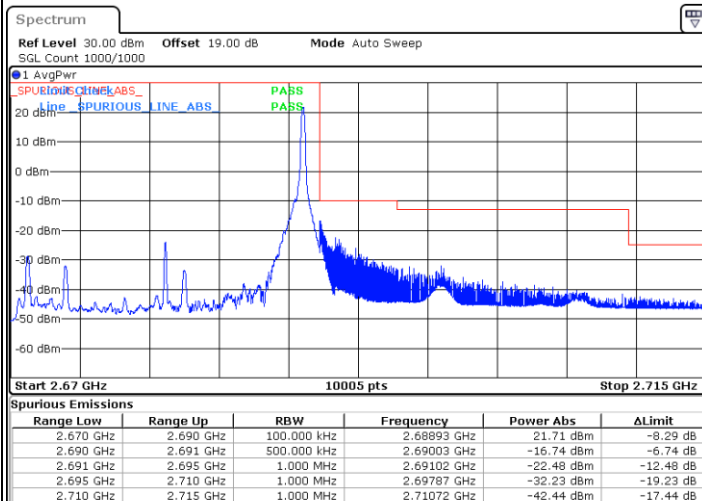


LTE Band 41 / 20MHz / 16QAM

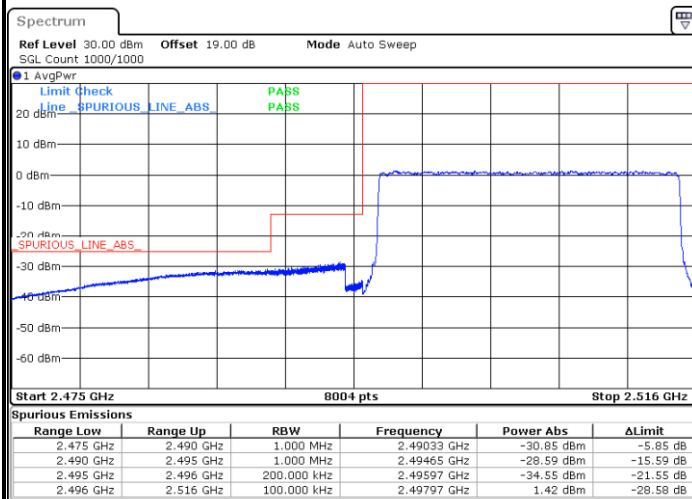
Lowest Band Edge / 1 RB



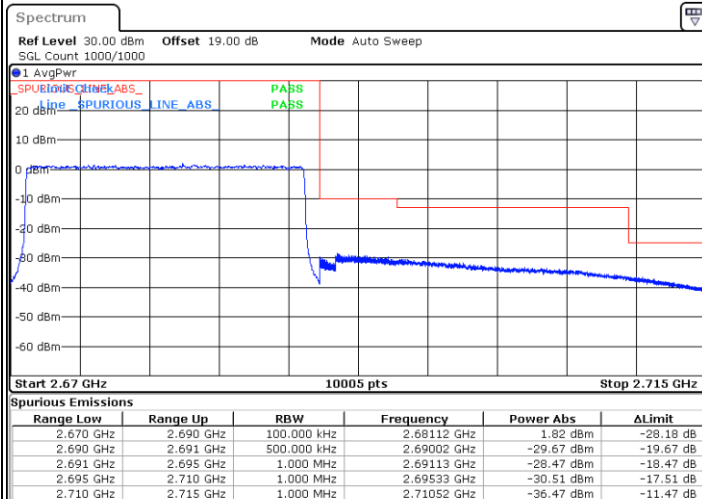
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



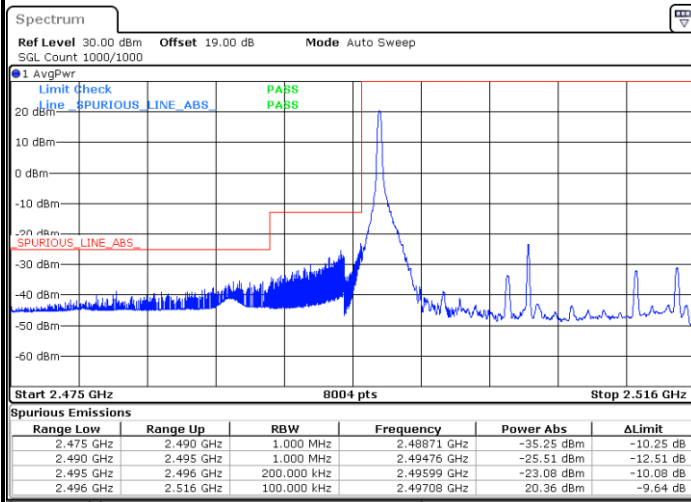
Highest Band Edge / Full RB



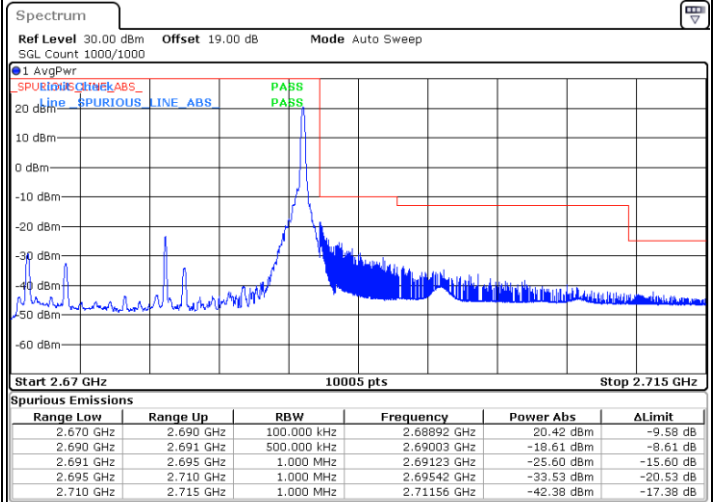


LTE Band 41 / 20MHz / 64QAM

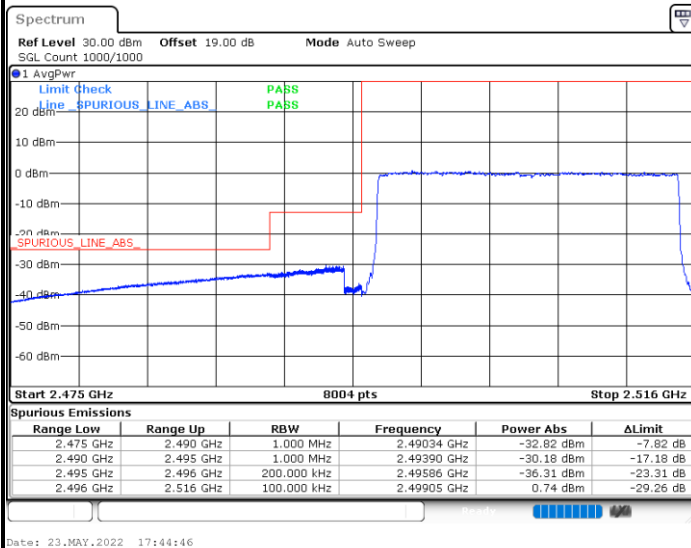
Lowest Band Edge / 1 RB



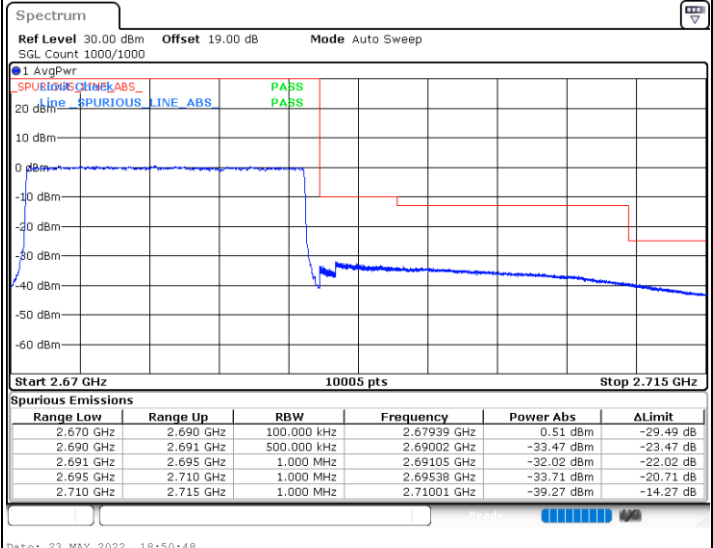
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

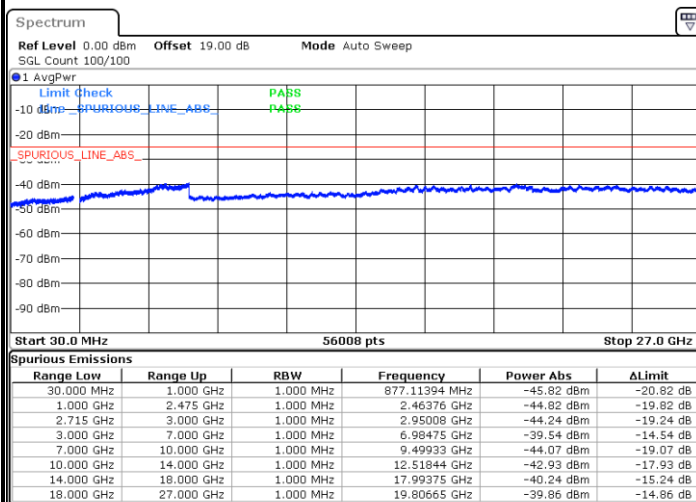




Conducted Spurious Emission

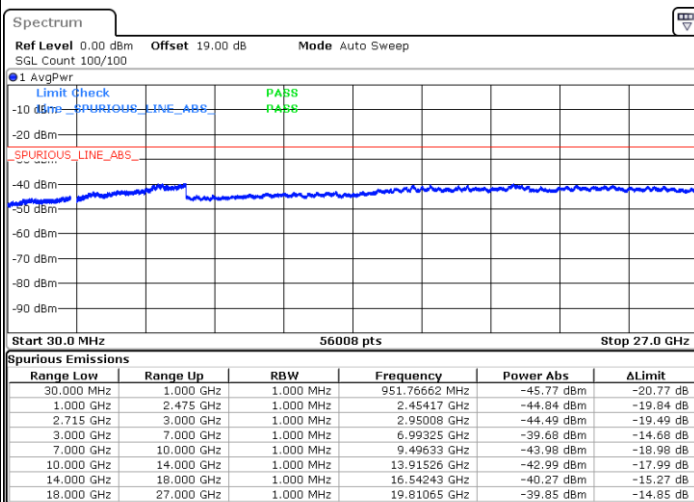
LTE Band 41 / 5MHz

Lowest Channel / QPSK



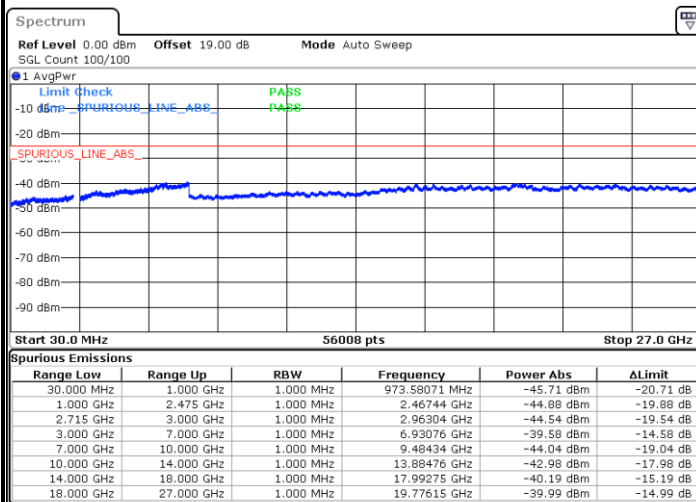
Date: 23.MAY.2022 19:03:18

Lowest Channel / 16QAM



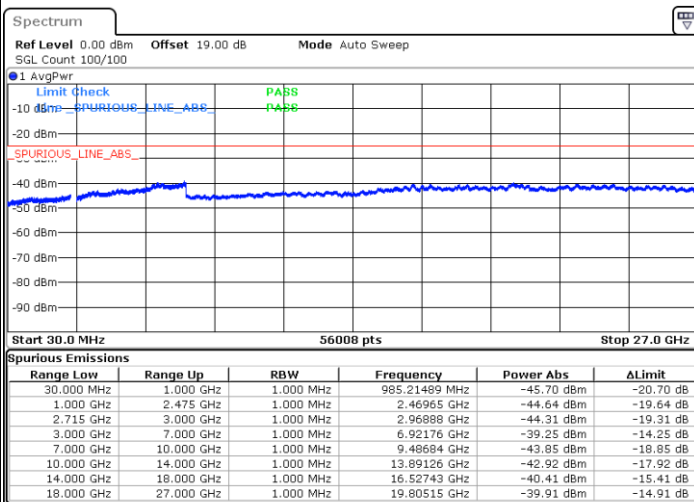
Date: 23.MAY.2022 19:04:40

Middle Channel / QPSK



Date: 23.MAY.2022 19:06:02

Middle Channel / 16QAM

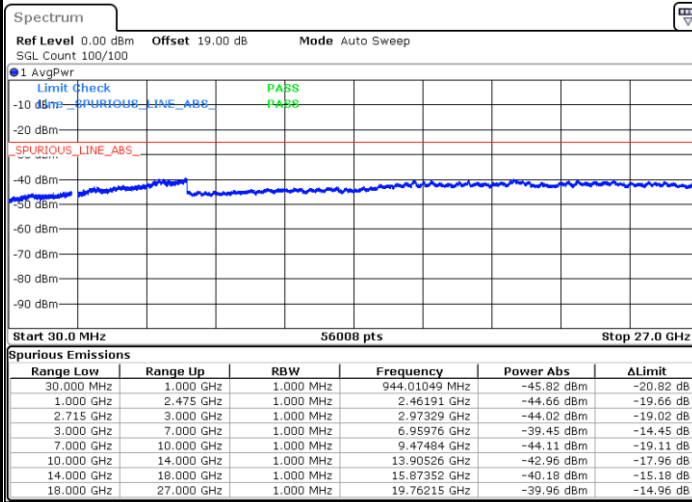


Date: 23.MAY.2022 19:07:23



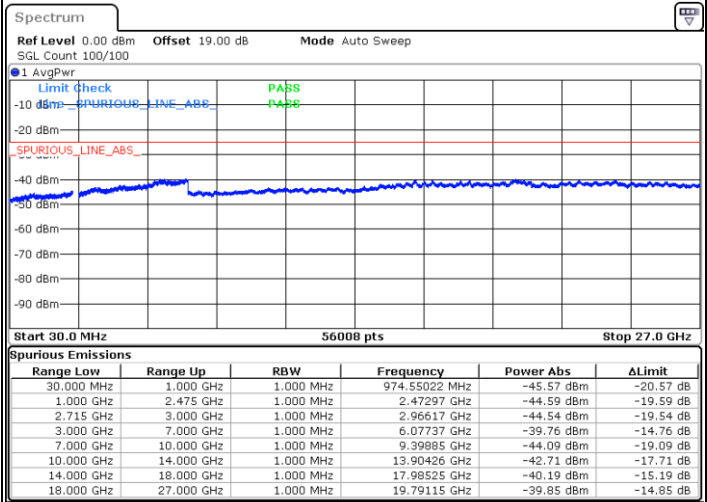
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 23.MAY.2022 19:08:46

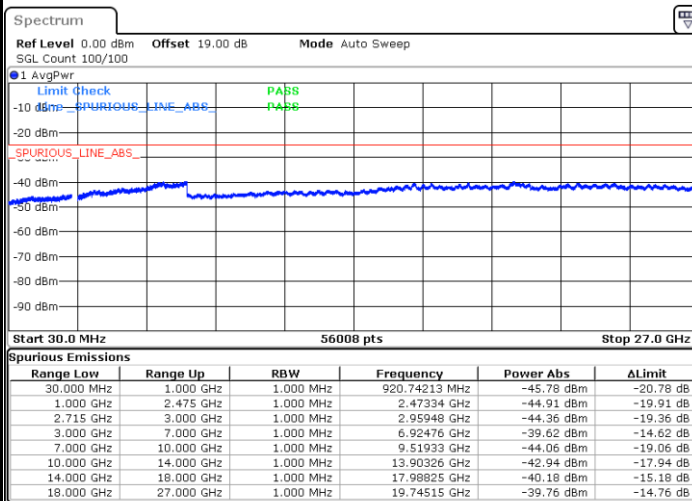
Highest Channel / 16QAM



Date: 23.MAY.2022 19:10:08

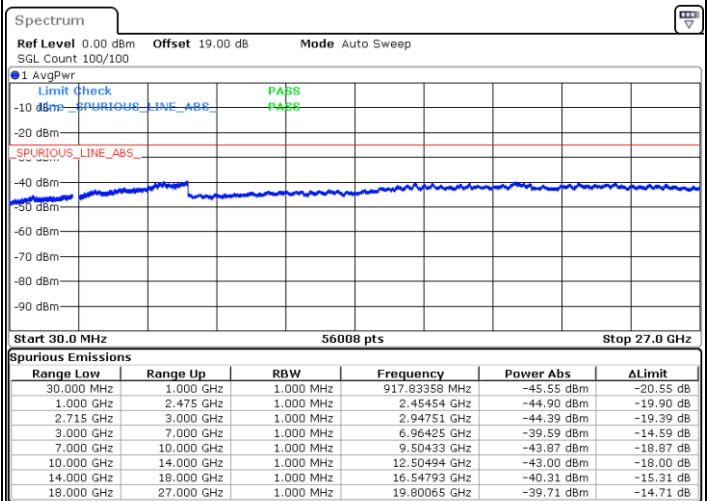
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 23.MAY.2022 19:15:38

Lowest Channel / 16QAM

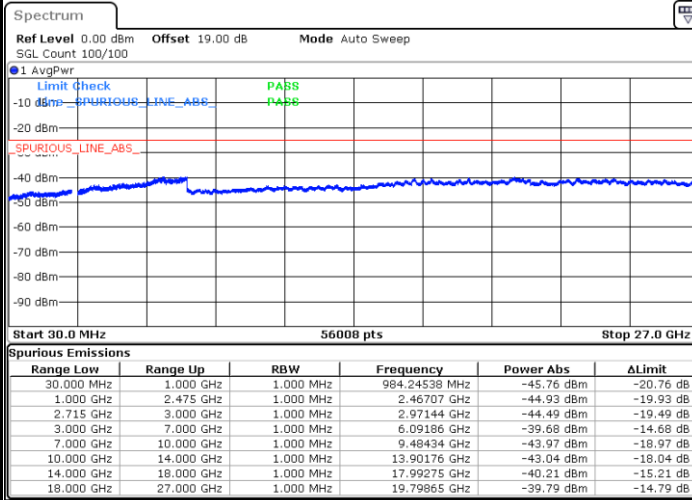


Date: 23.MAY.2022 19:17:00



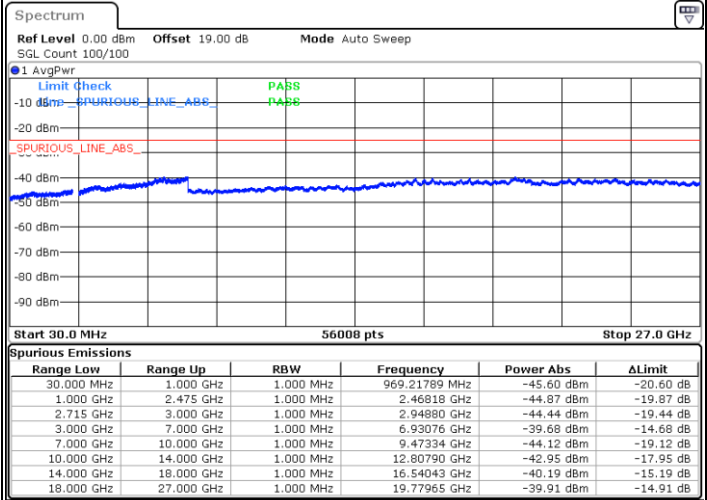
LTE Band 41 / 10MHz

Middle Channel / QPSK



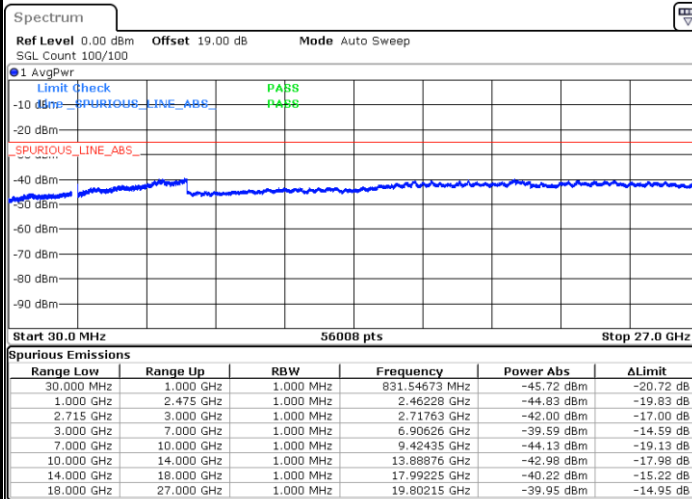
Date: 23.MAY.2022 19:18:22

Middle Channel / 16QAM



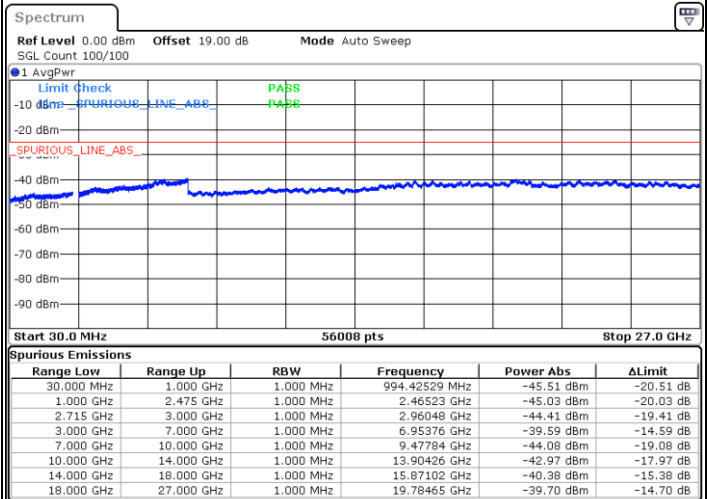
Date: 23.MAY.2022 19:19:43

Highest Channel / QPSK



Date: 23.MAY.2022 19:21:06

Highest Channel / 16QAM

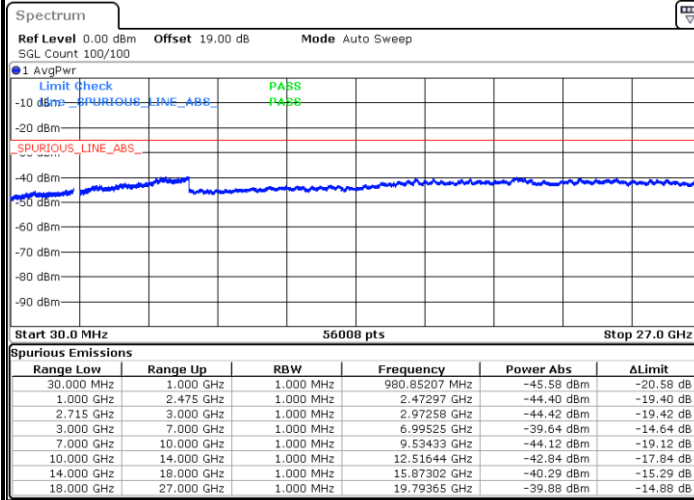


Date: 23.MAY.2022 19:22:28



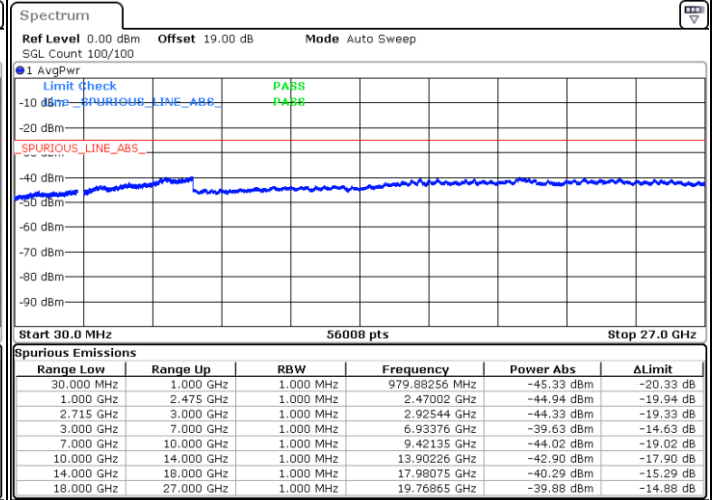
LTE Band 41 / 15MHz

Lowest Channel / QPSK



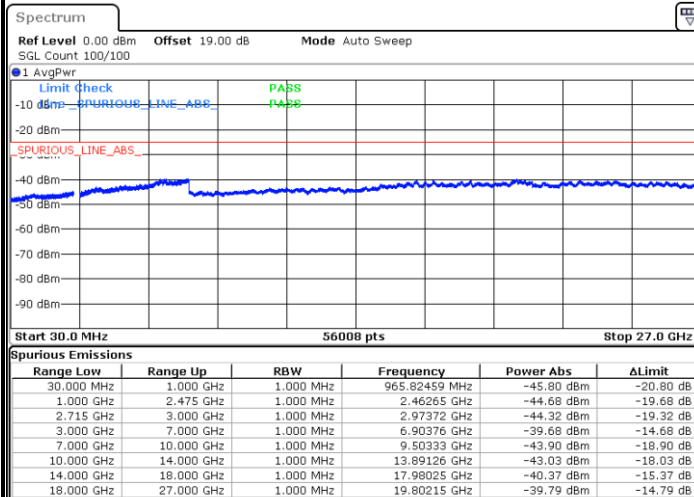
Date: 23.MAY.2022 19:23:50

Lowest Channel / 16QAM



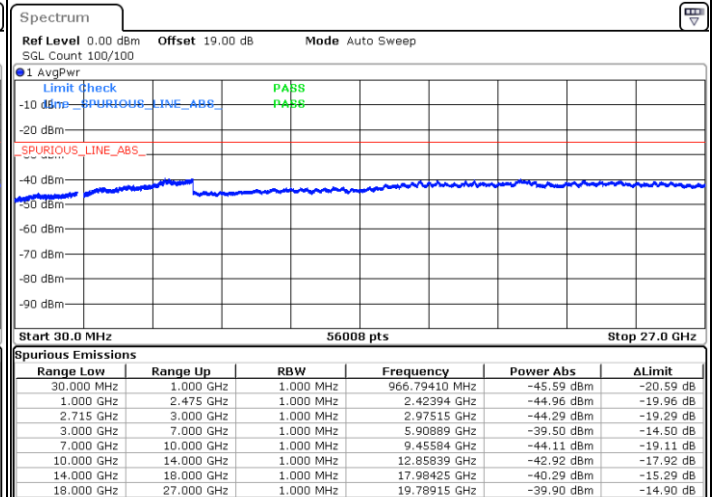
Date: 23.MAY.2022 19:25:12

Middle Channel / QPSK



Date: 23.MAY.2022 19:26:35

Middle Channel / 16QAM

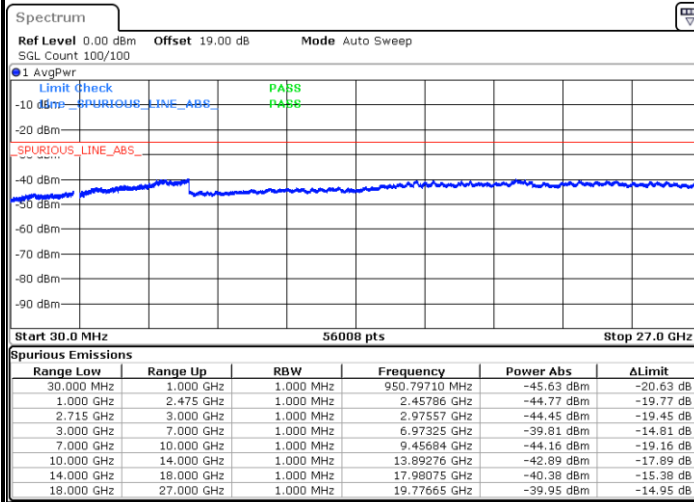


Date: 23.MAY.2022 19:27:57



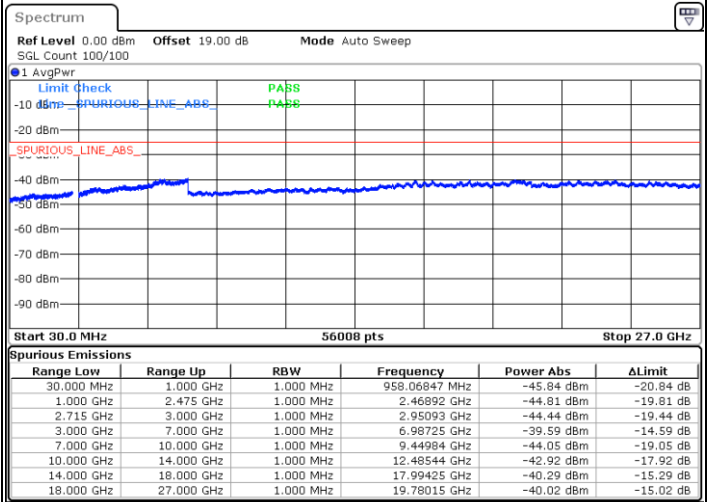
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 23.MAY.2022 19:29:19

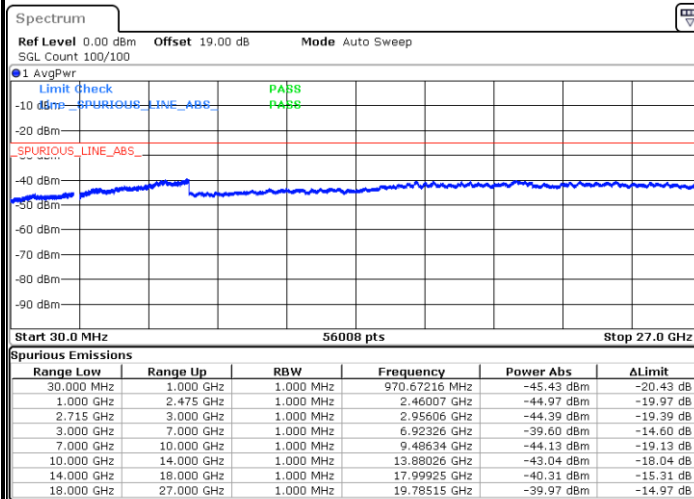
Highest Channel / 16QAM



Date: 23.MAY.2022 19:30:42

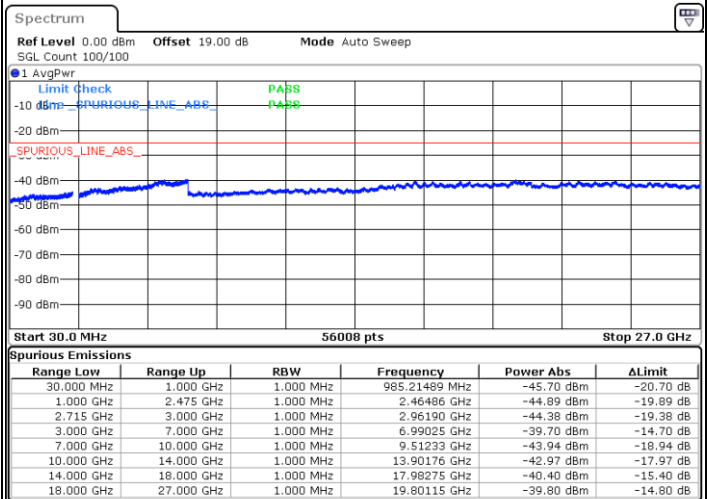
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 23.MAY.2022 19:48:08

Lowest Channel / 16QAM

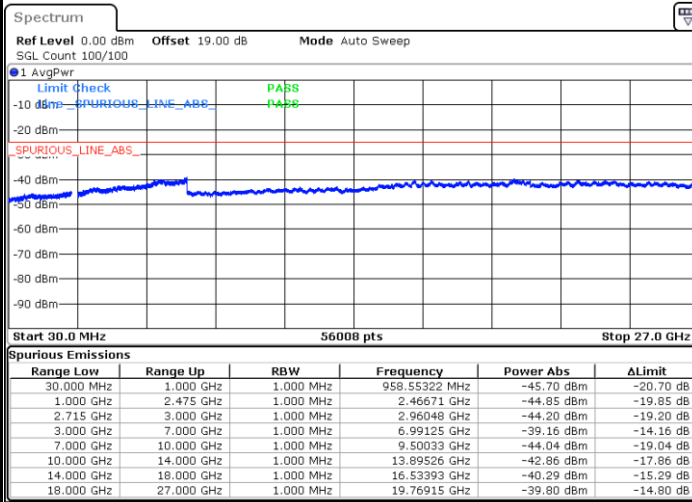


Date: 23.MAY.2022 19:49:30



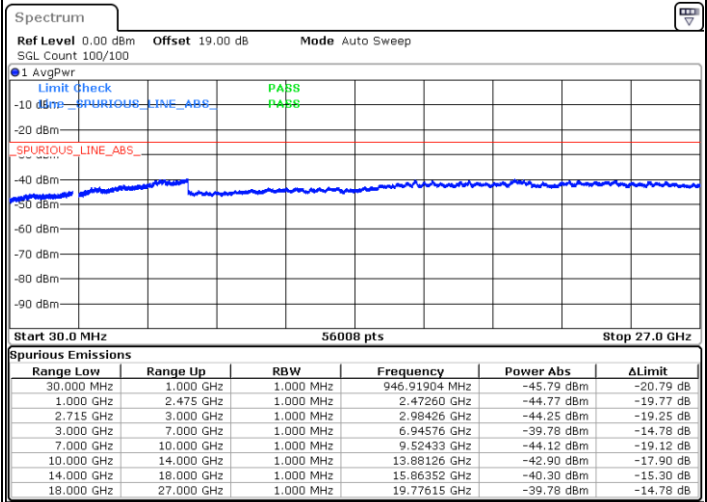
LTE Band 41 / 20MHz

Middle Channel / QPSK



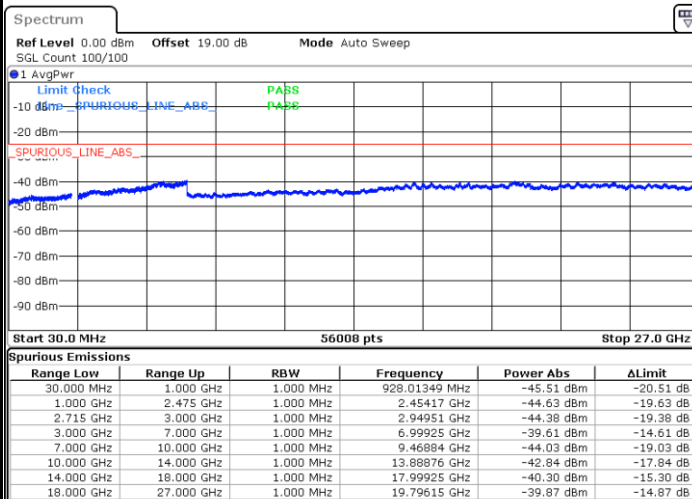
Date: 23.MAY.2022 19:50:52

Middle Channel / 16QAM



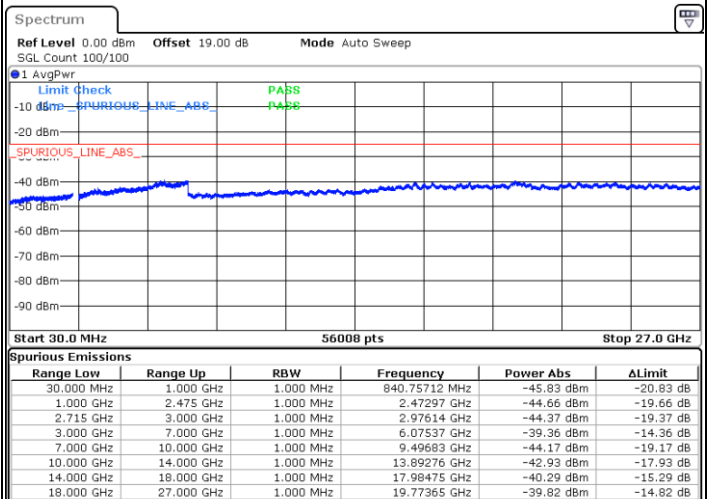
Date: 23.MAY.2022 19:52:14

Highest Channel / QPSK



Date: 23.MAY.2022 19:53:37

Highest Channel / 16QAM

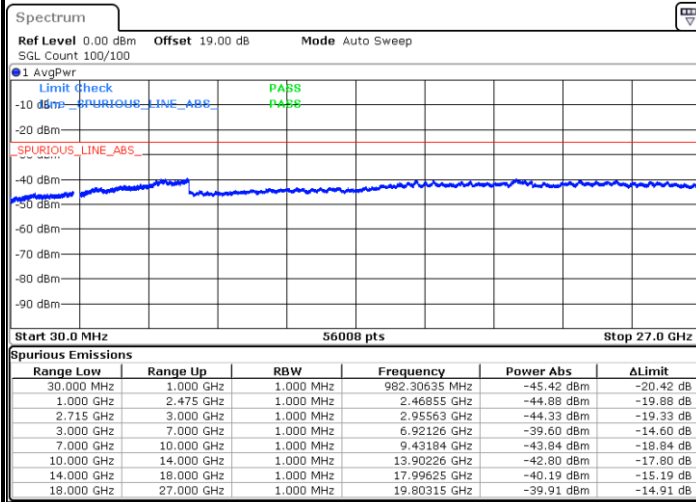


Date: 23.MAY.2022 19:54:59



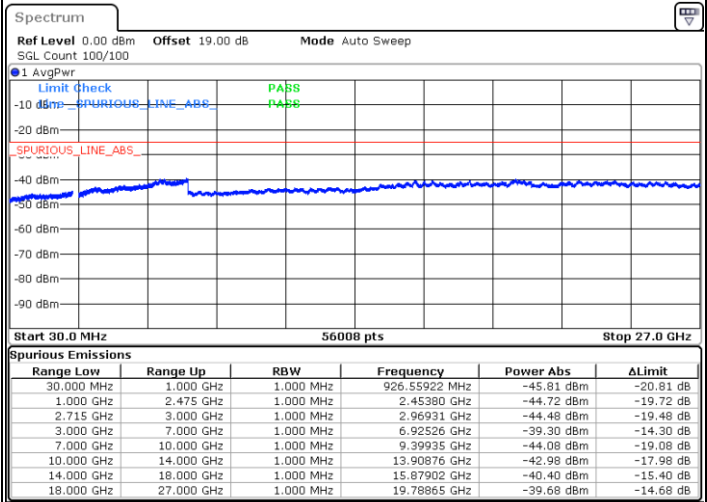
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



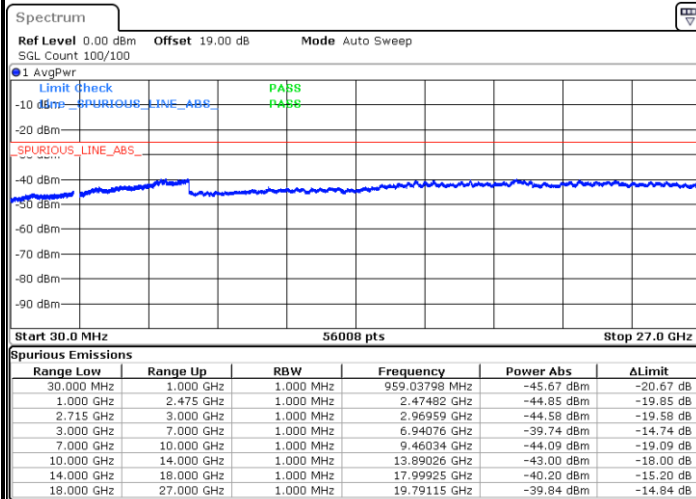
Date: 23.MAY.2022 18:59:11

Middle Channel / 64QAM



Date: 23.MAY.2022 19:00:33

Highest Channel / 64QAM

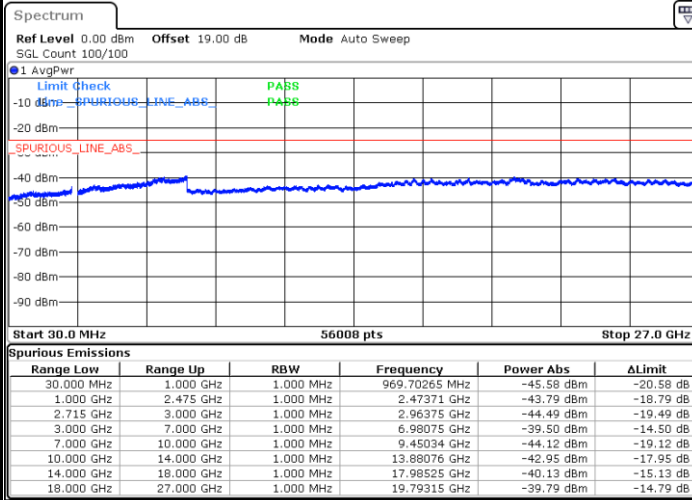


Date: 23.MAY.2022 19:01:55



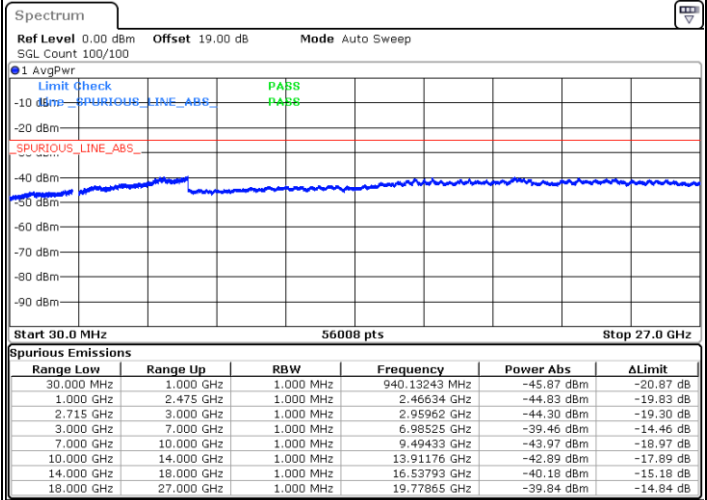
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



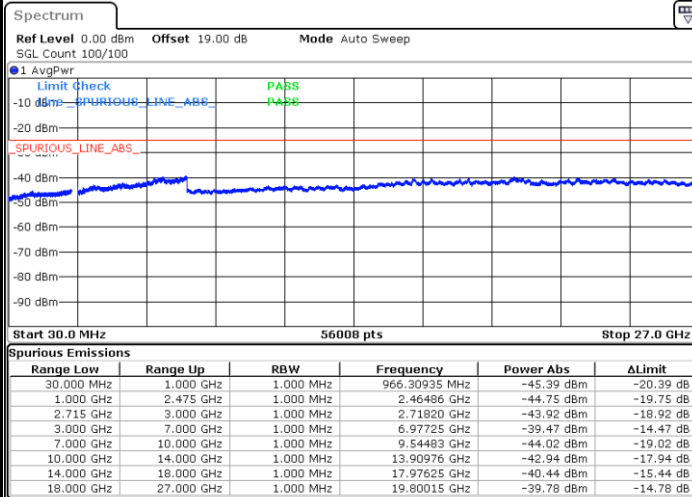
Date: 23.MAY.2022 19:11:31

Middle Channel / 64QAM



Date: 23.MAY.2022 19:12:53

Highest Channel / 64QAM

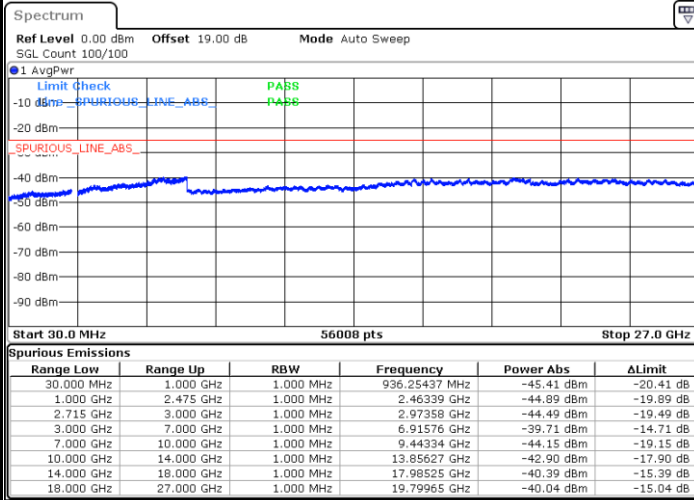


Date: 23.MAY.2022 19:14:16



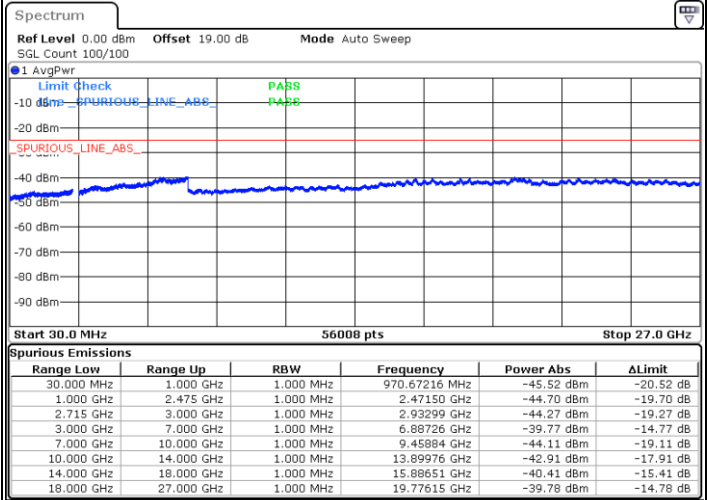
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



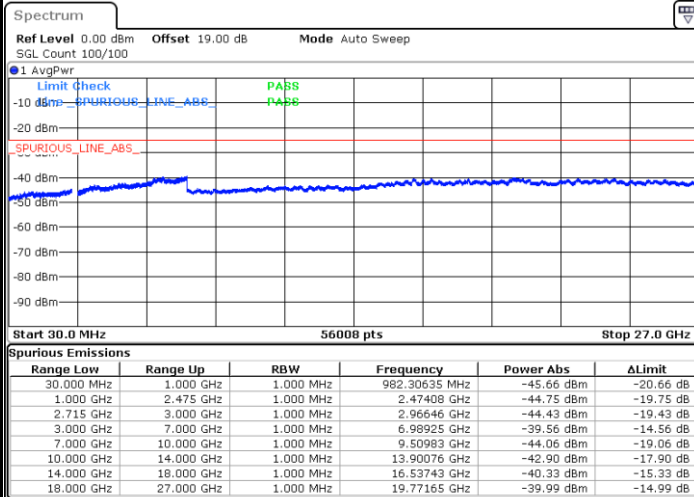
Date: 23.MAY.2022 19:32:04

Middle Channel / 64QAM



Date: 23.MAY.2022 19:33:26

Highest Channel / 64QAM

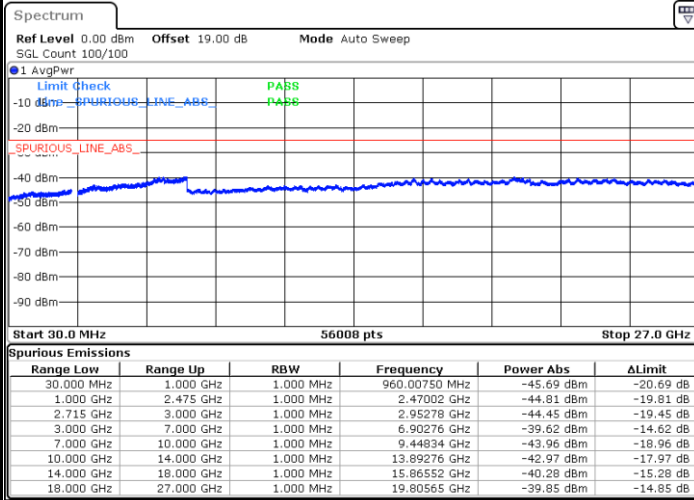


Date: 23.MAY.2022 19:34:48



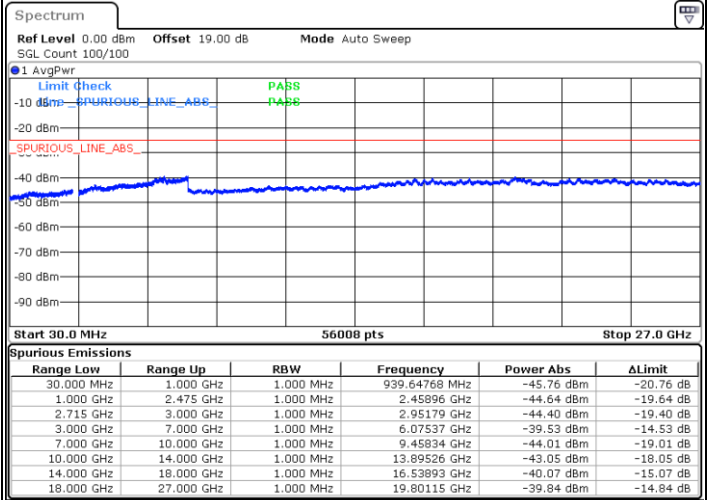
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



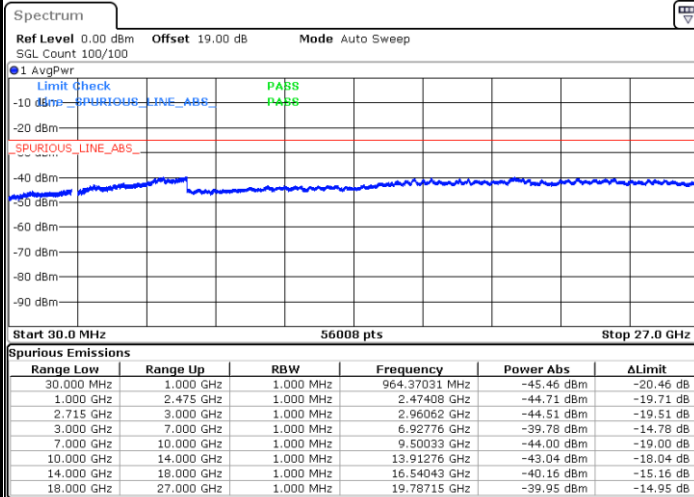
Date: 23.MAY.2022 19:41:14

Middle Channel / 64QAM



Date: 23.MAY.2022 19:45:23

Highest Channel / 64QAM



Date: 23.MAY.2022 19:46:45

**Frequency Stability**

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0062	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.25 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	30.15	25.28	30.39	35.11
Middle CH	30.21	25.43	30.69	35.18
Highest CH	30.21	25.43	30.57	35.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.15	34.90	39.88	-
Middle CH	30.21	34.90	39.96	-
Highest CH	30.15	35.04	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.09	25.33	30.57	35.18
Middle CH	30.09	25.52	30.57	35.11
Highest CH	30.15	25.33	30.57	35.11
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.91	35.04	40.04	-
Middle CH	30.09	35.18	39.96	-
Highest CH	30.03	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	25.38	30.51	35.11
Middle CH	30.09	25.38	30.63	35.04
Highest CH	30.09	25.38	30.57	35.11
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	35.04	39.96	-
Middle CH	30.09	35.18	40.04	-
Highest CH	30.15	35.11	39.88	-