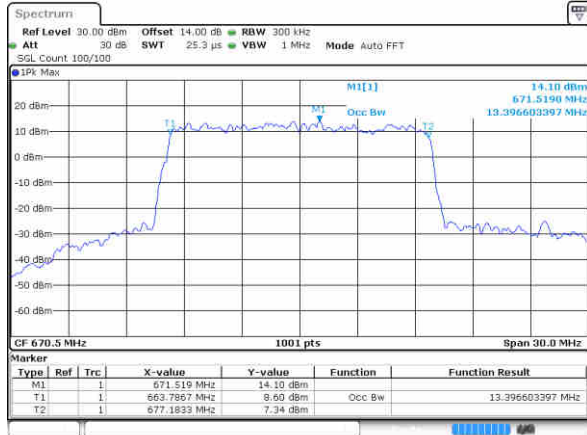


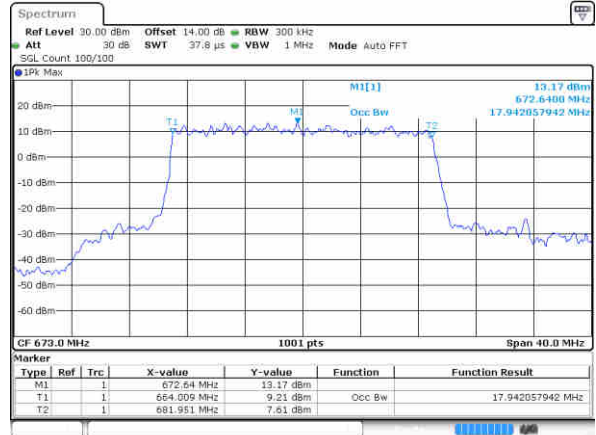


LTE Band 71

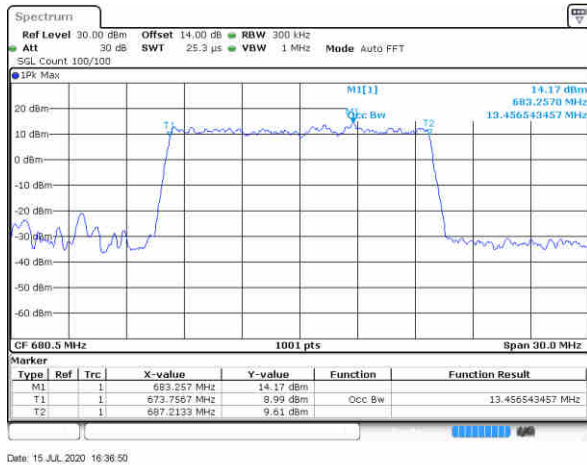
Lowest Channel / 15MHz / 64QAM



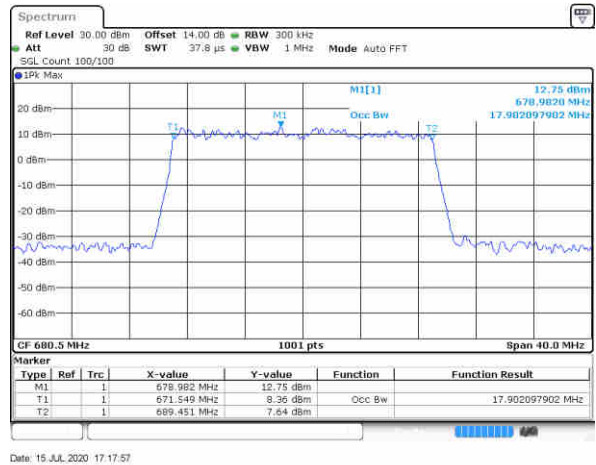
Lowest Channel / 20MHz / 64QAM



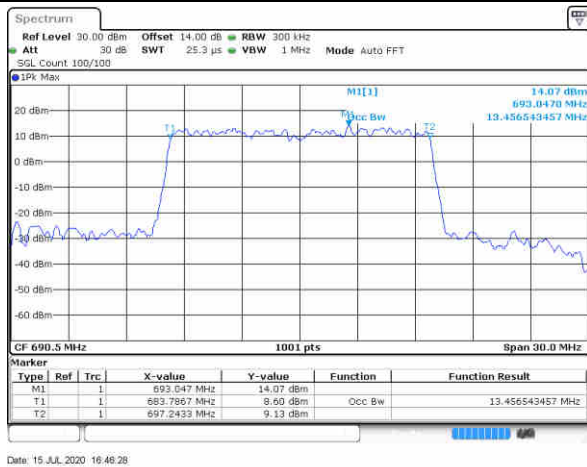
Middle Channel / 15MHz / 64QAM



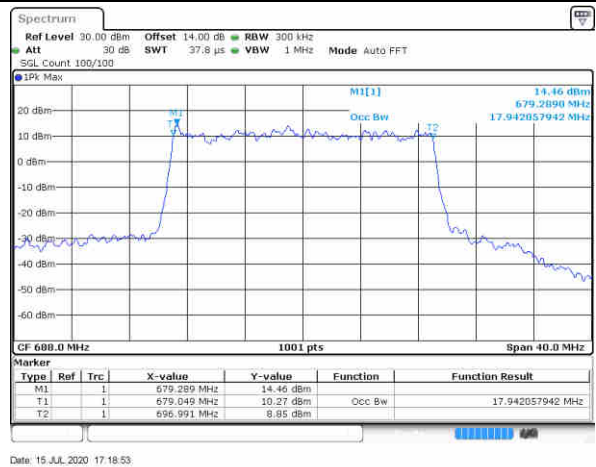
Middle Channel / 20MHz / 64QAM

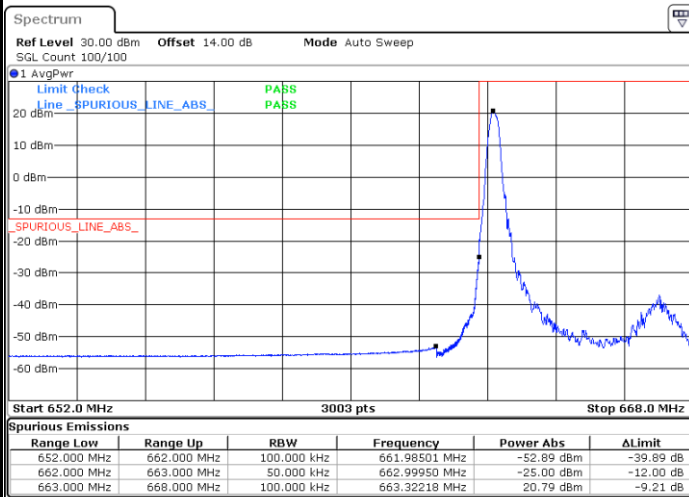
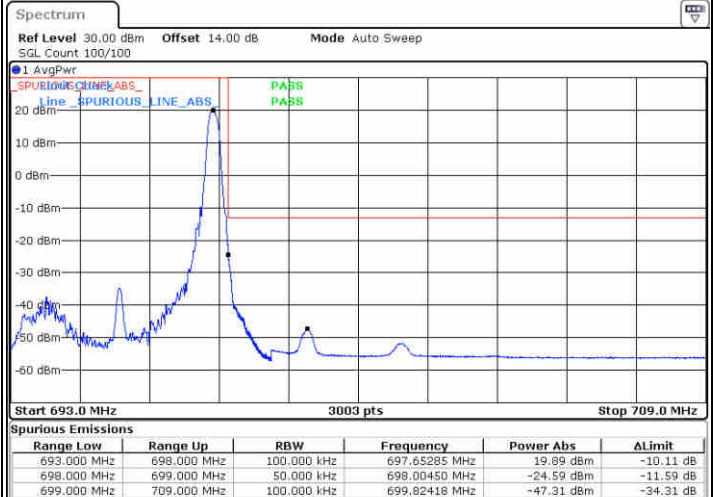
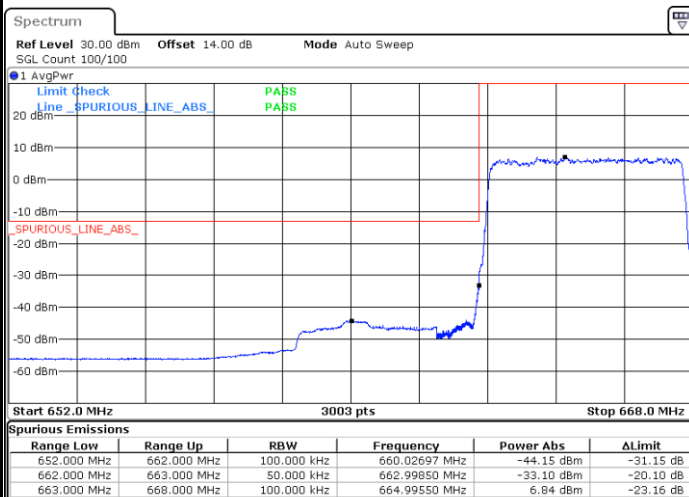


Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

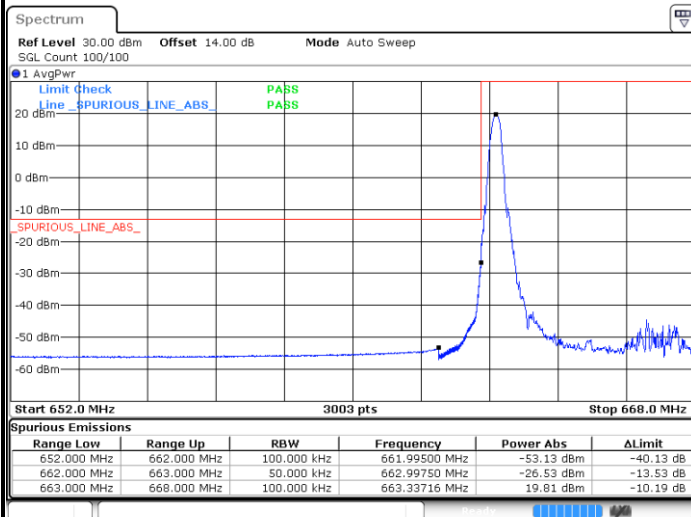


**Conducted Band Edge****LTE Band 71 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

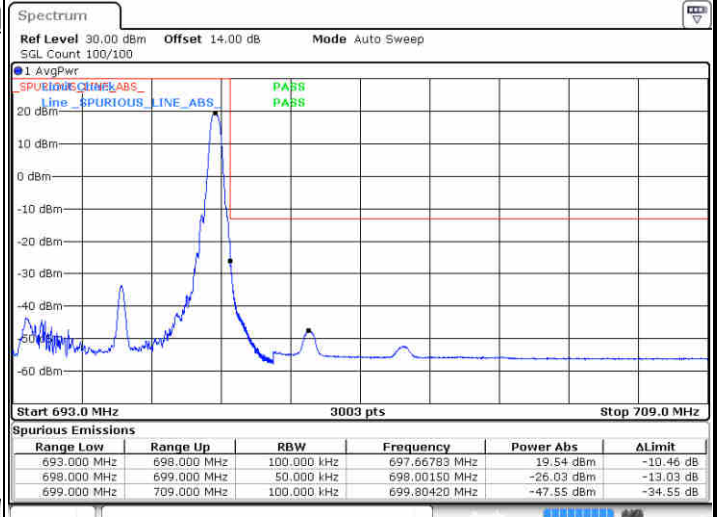


LTE Band 71 / 5MHz / 16QAM

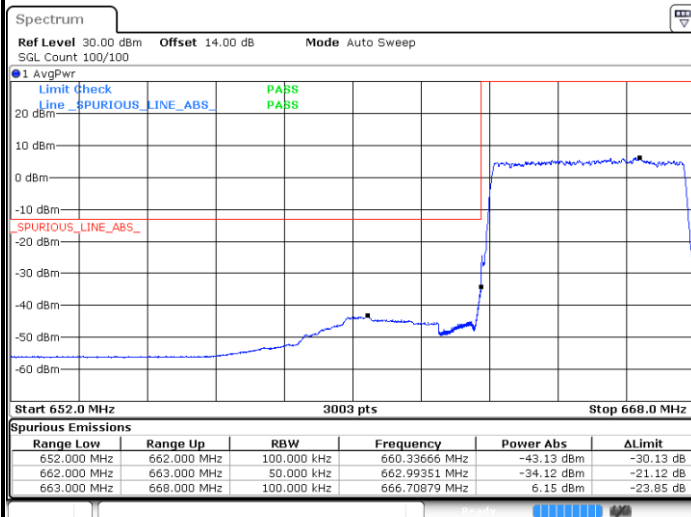
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



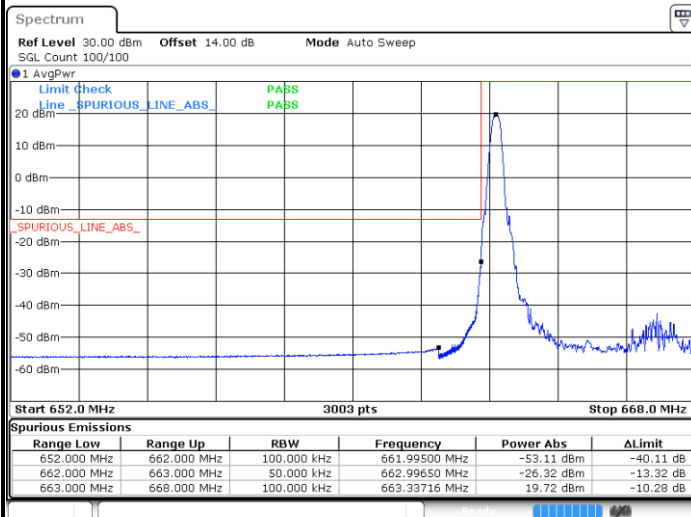
Highest Band Edge / Full RB



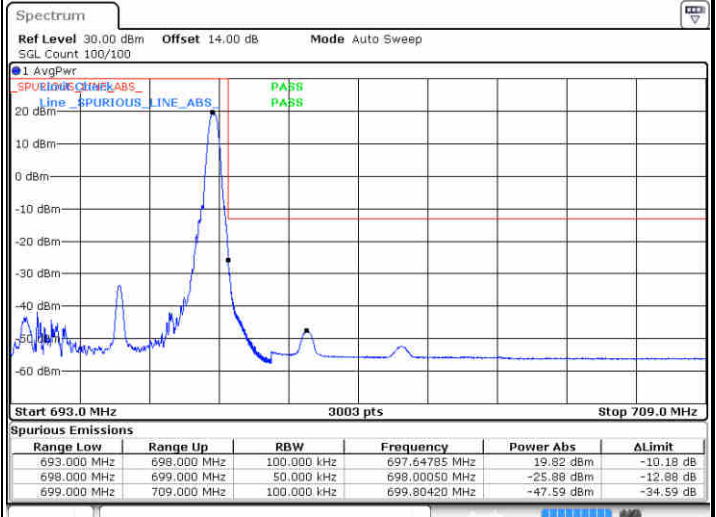


LTE Band 71 / 5MHz / 64QAM

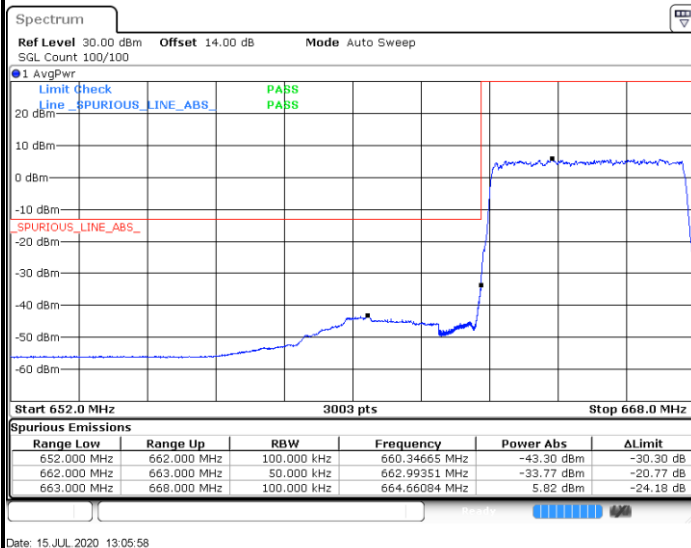
Lowest Band Edge / 1RB



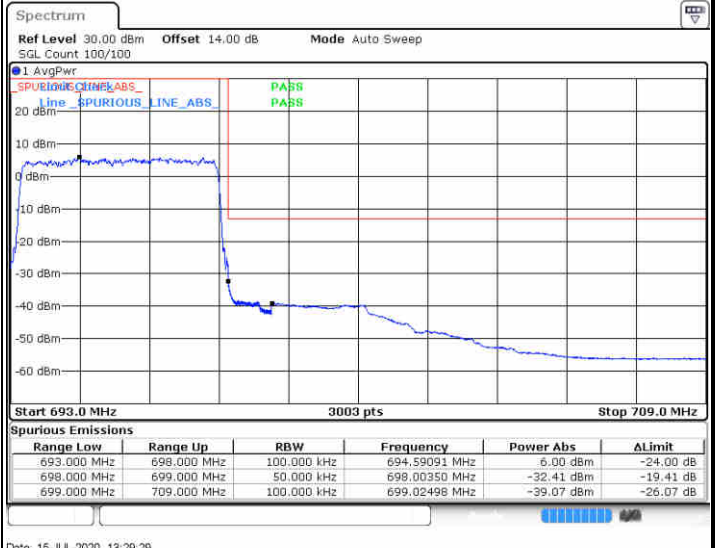
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



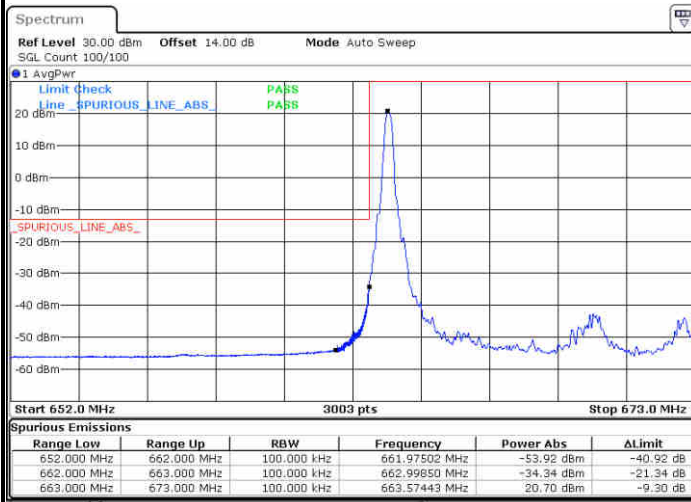
Highest Band Edge / Full RB



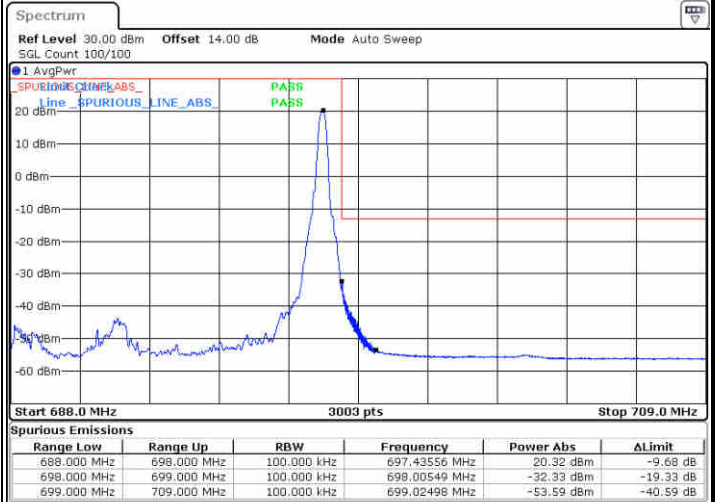


LTE Band 71 / 10MHz / QPSK

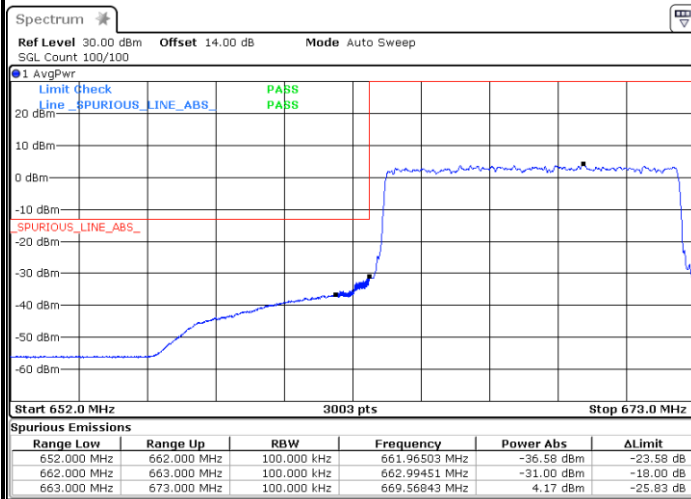
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



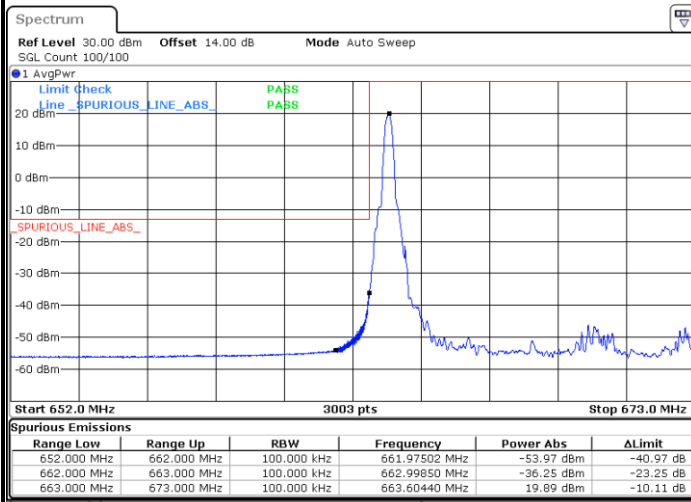
Highest Band Edge / Full RB



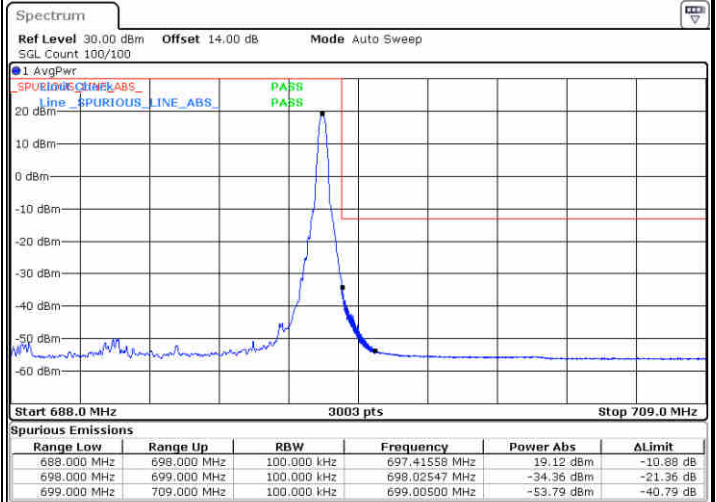


LTE Band 71 / 10MHz / 16QAM

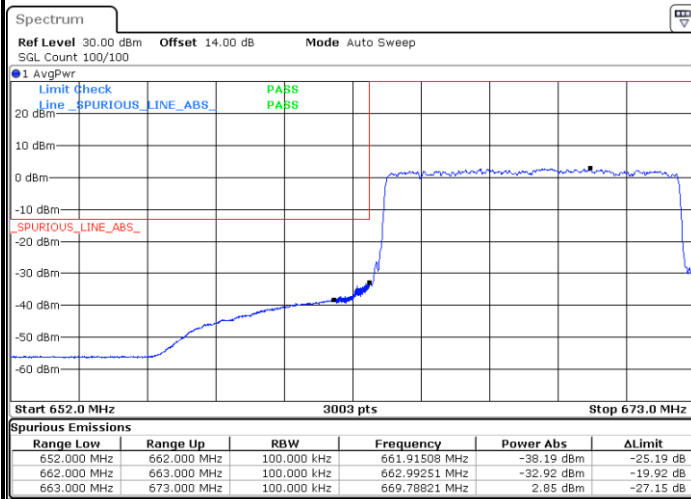
Lowest Band Edge / 1 RB



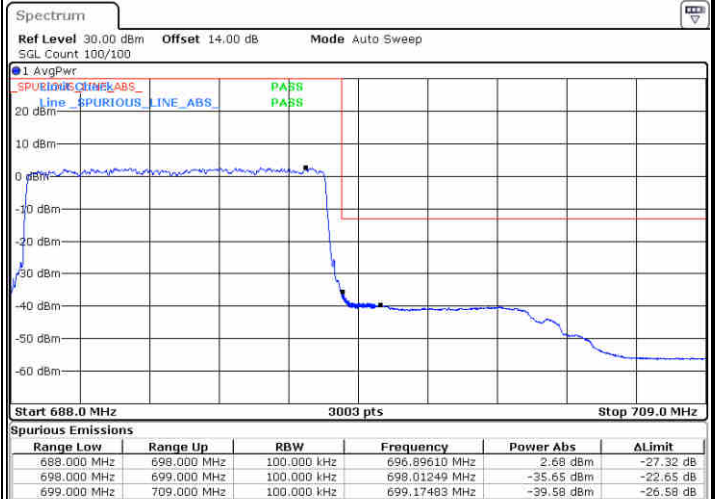
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



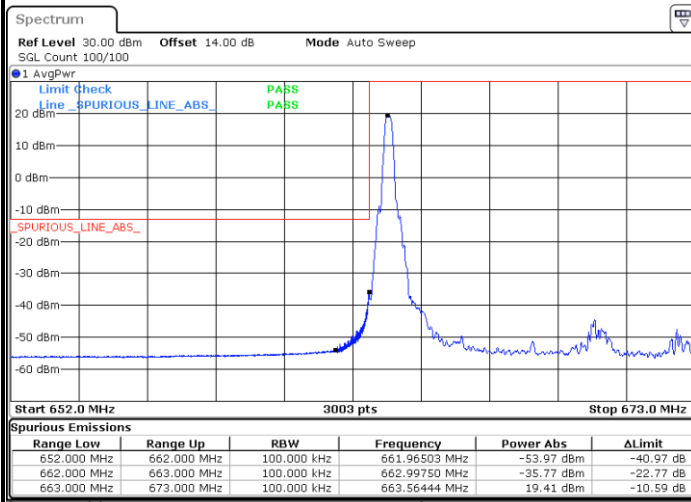
Highest Band Edge / Full RB



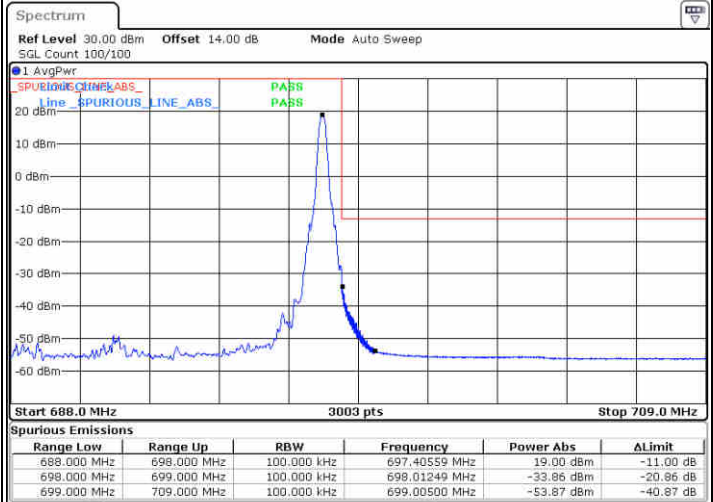


LTE Band 71 / 10MHz / 64QAM

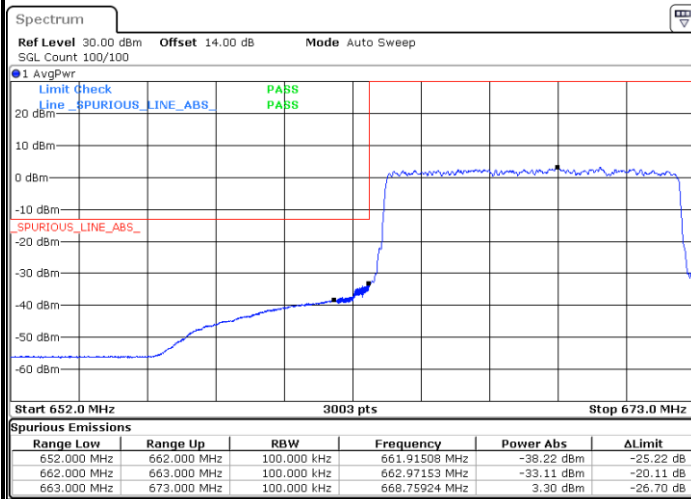
Lowest Band Edge / 1 RB



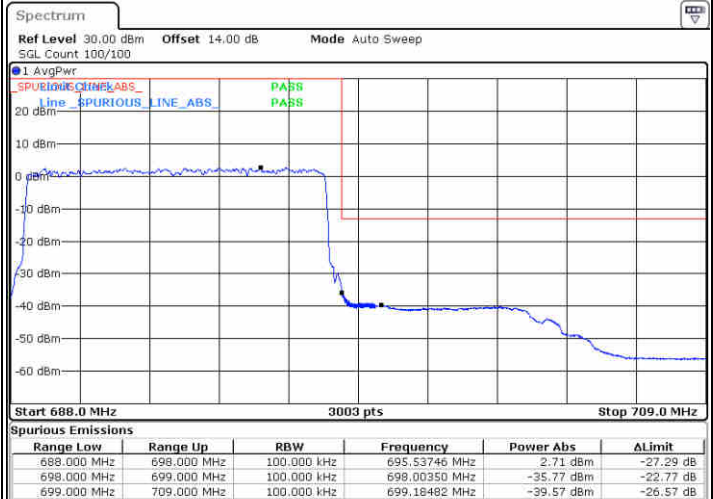
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



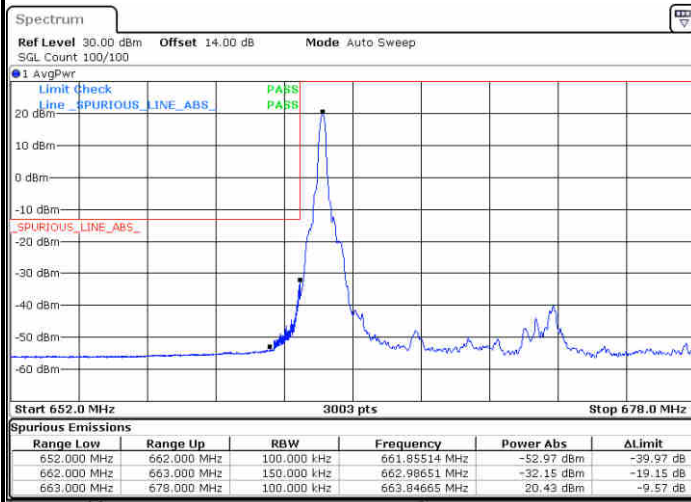
Highest Band Edge / Full RB



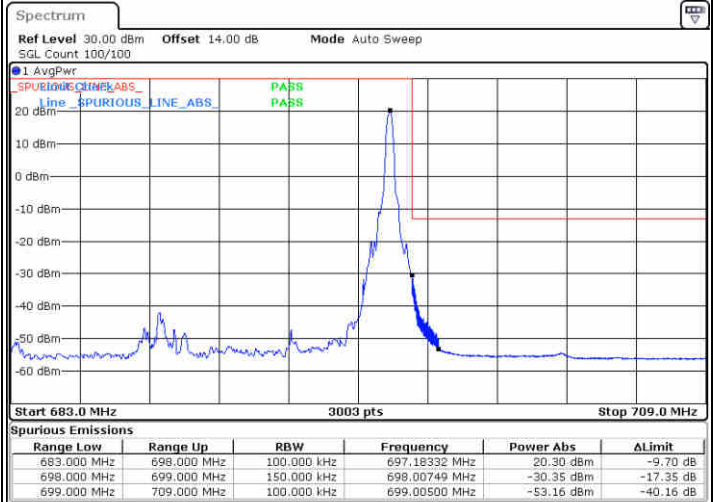


LTE Band 71 / 15MHz / QPSK

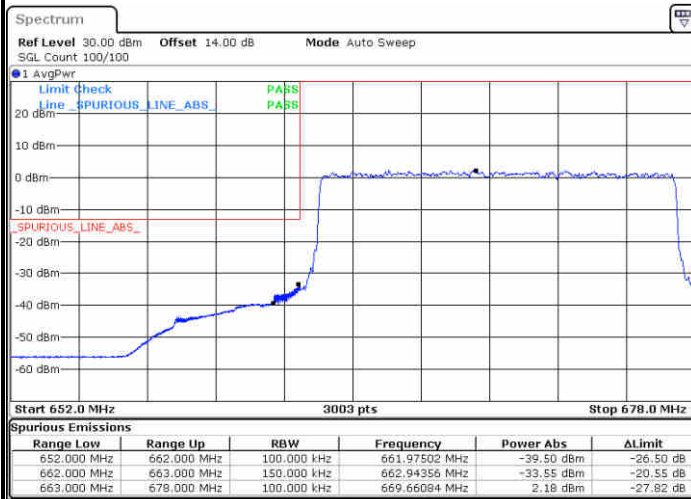
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



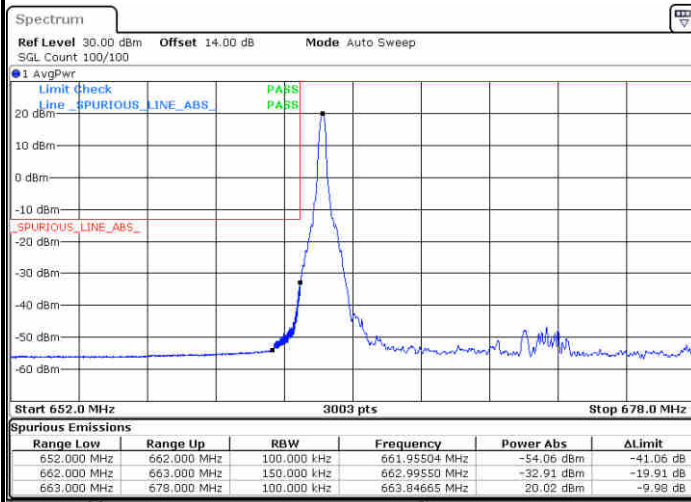
Highest Band Edge / Full RB



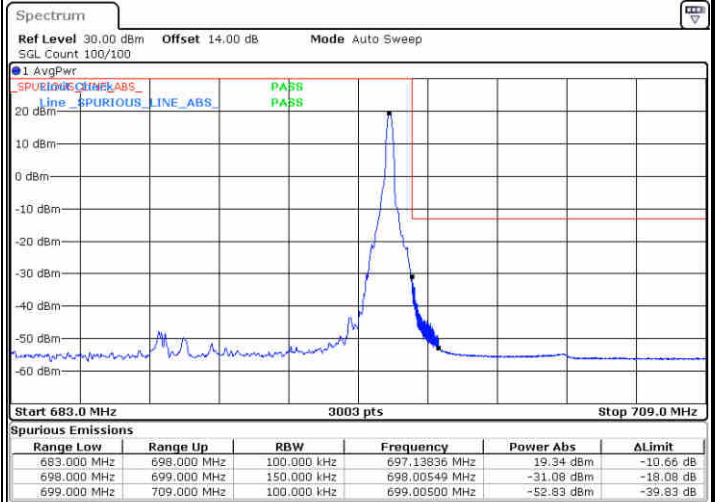


LTE Band 71 / 15MHz / 16QAM

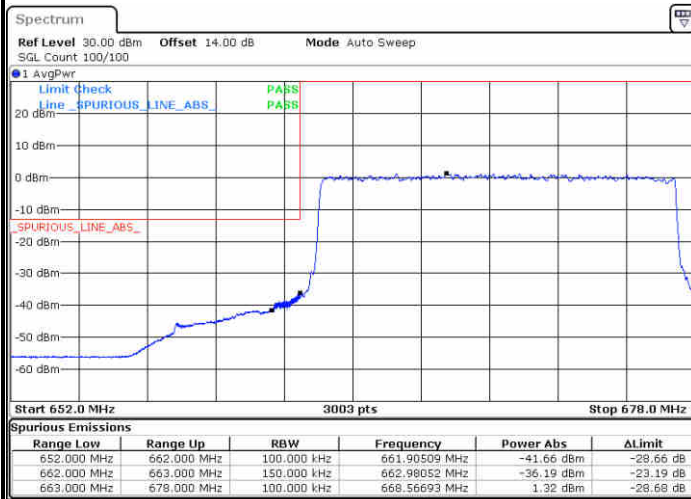
Lowest Band Edge / 1 RB



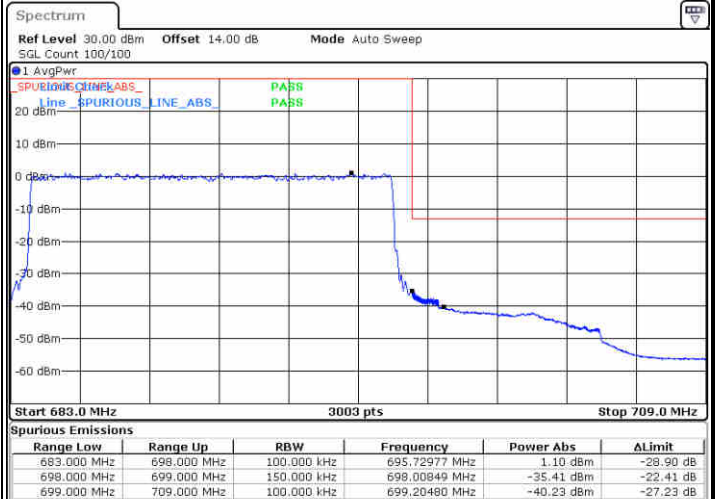
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



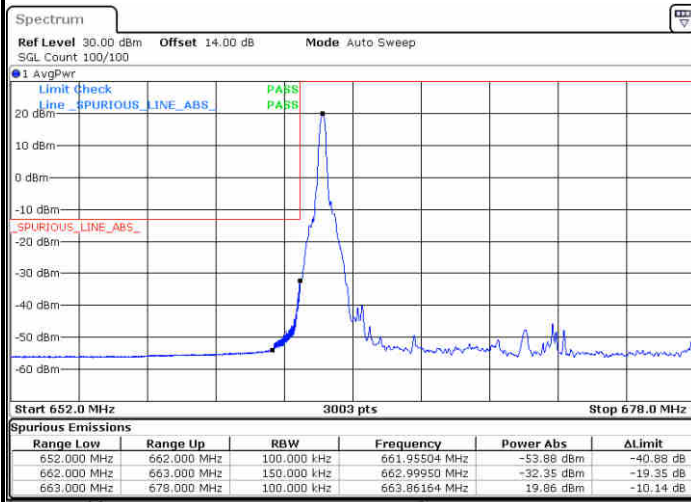
Highest Band Edge / Full RB



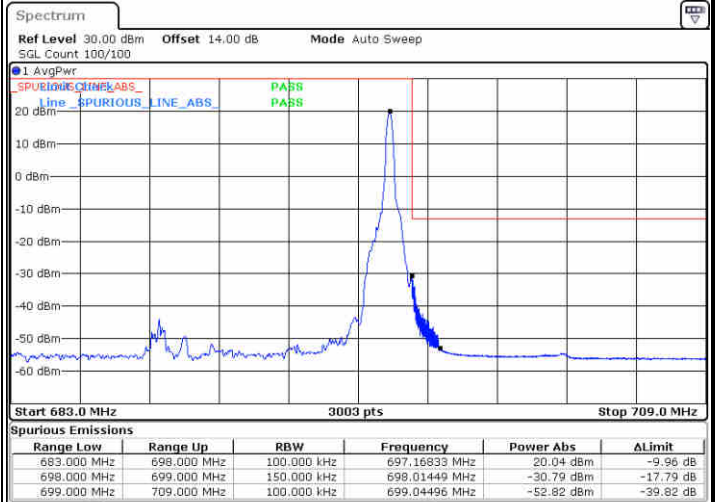


LTE Band 71 / 15MHz / 64QAM

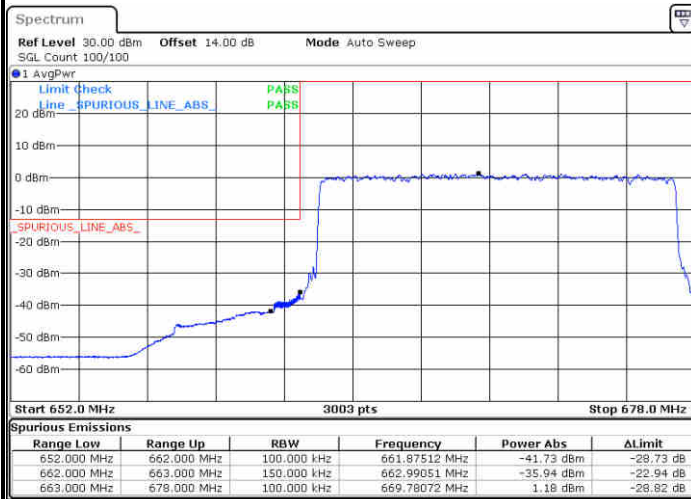
Lowest Band Edge / 1 RB



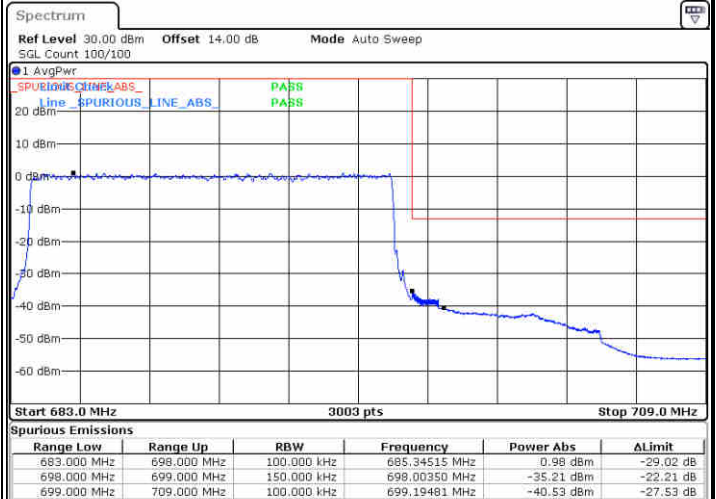
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



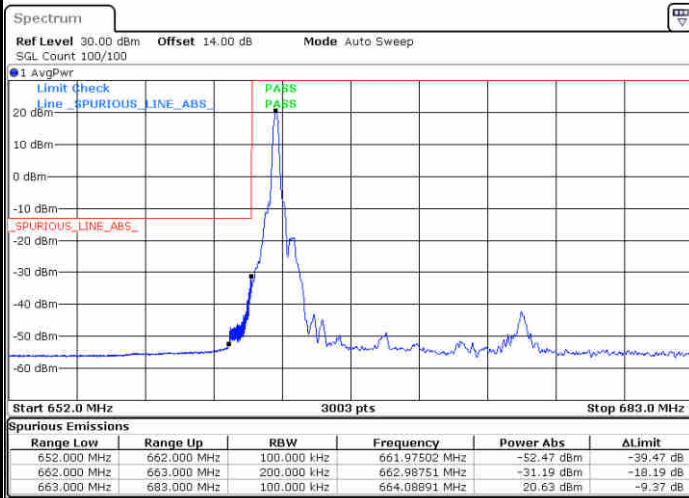
Highest Band Edge / Full RB



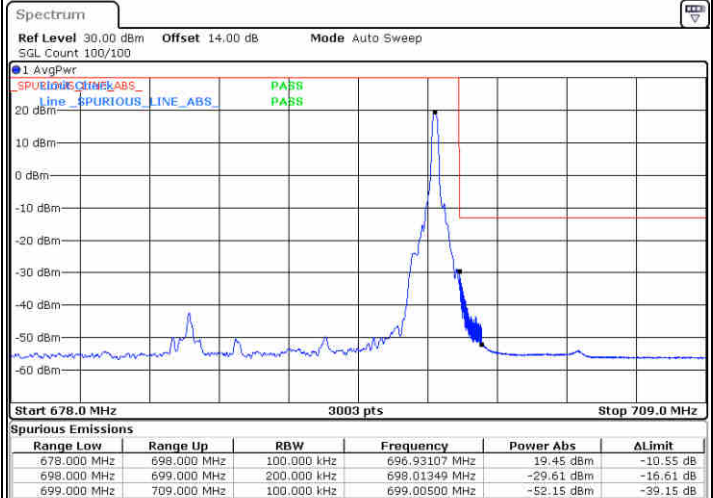


LTE Band 71 / 20MHz / QPSK

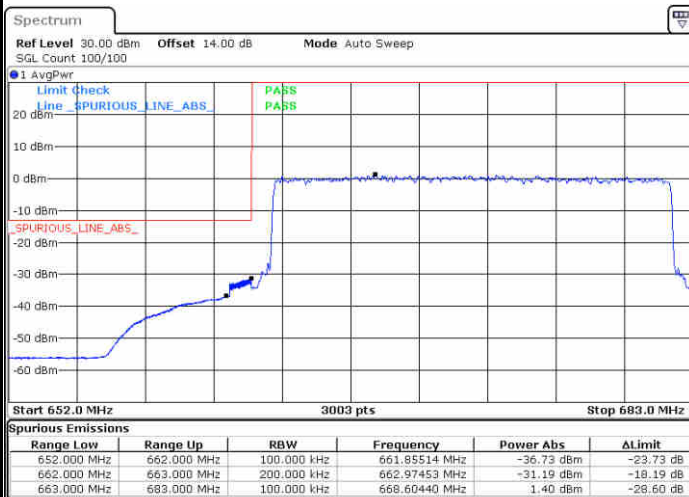
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



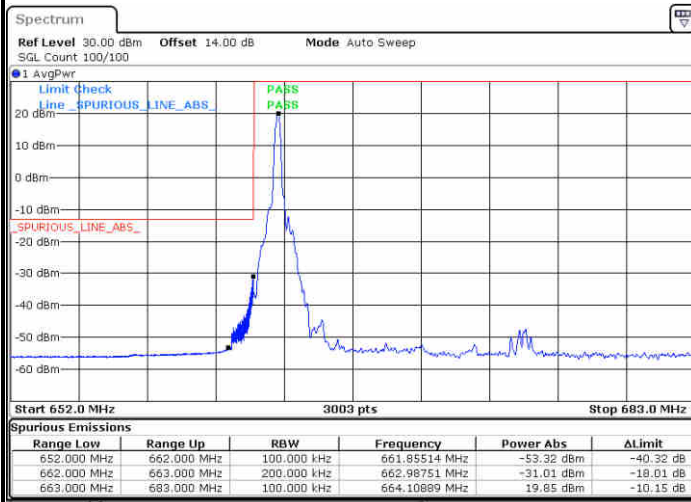
Highest Band Edge / Full RB



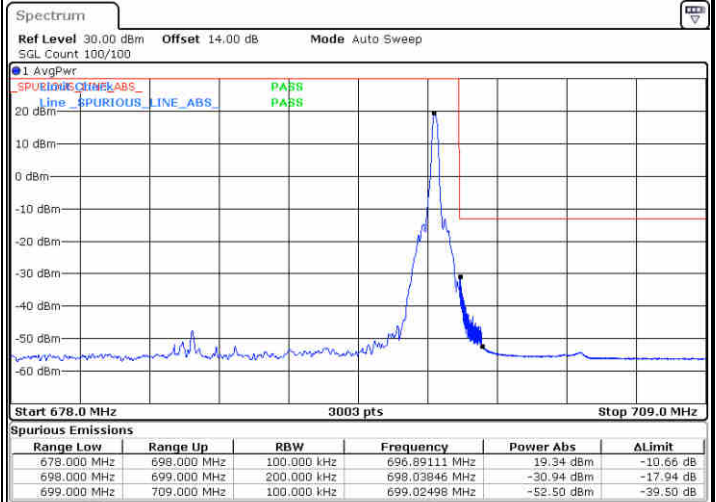


LTE Band 71 / 20MHz / 16QAM

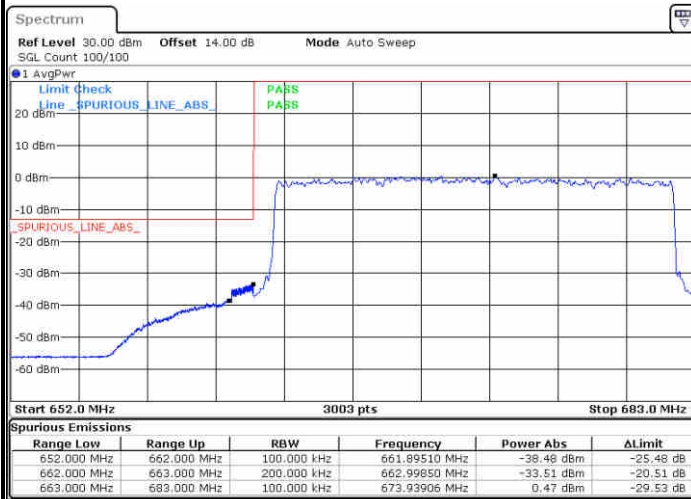
Lowest Band Edge / 1 RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



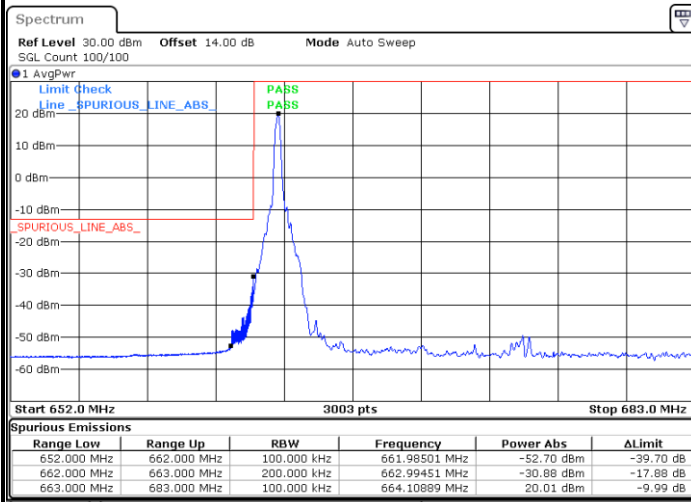
Highest Band Edge / Full RB





LTE Band 71 / 20MHz / 64QAM

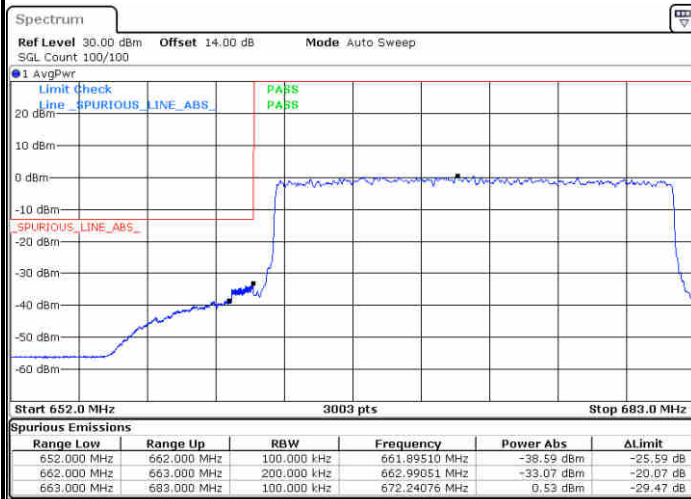
Lowest Band Edge / 1 RB



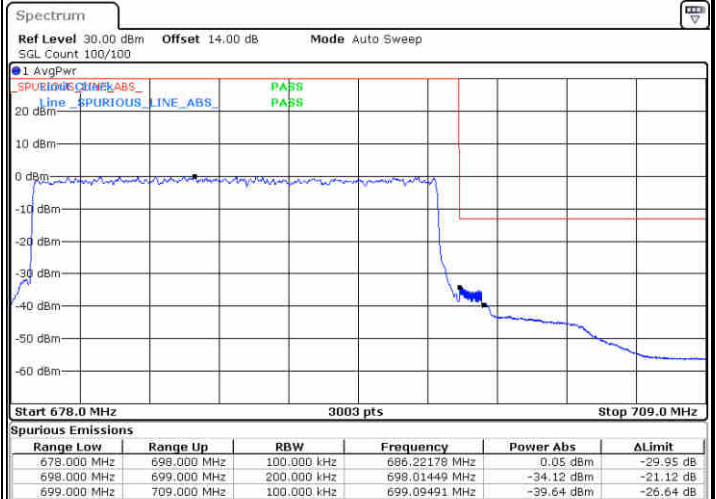
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

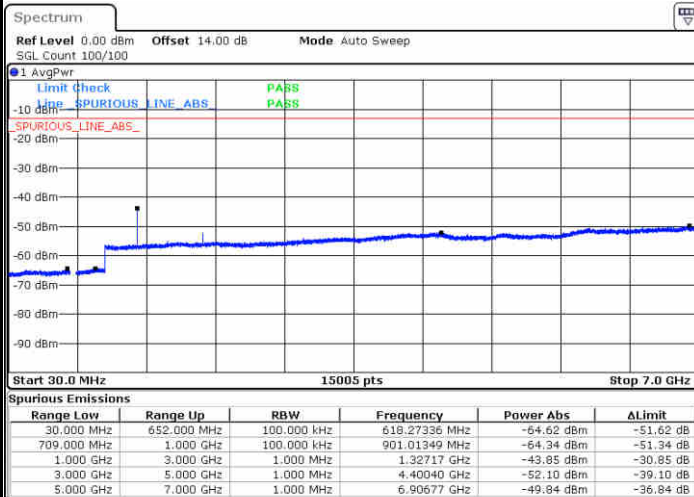




Conducted Spurious Emission

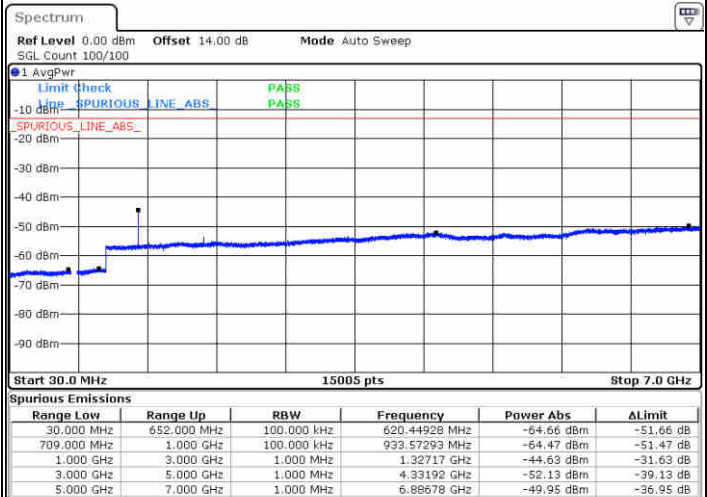
LTE Band 71 / 5MHz

Lowest Channel / QPSK



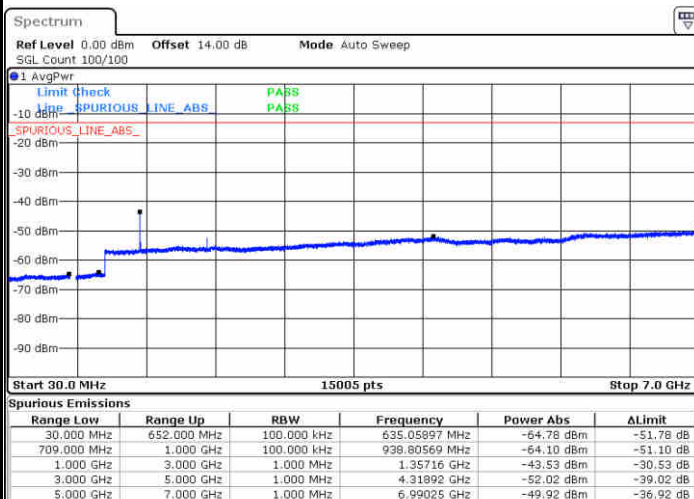
Date: 15 JUL 2020 13:10:04

Lowest Channel / 16QAM



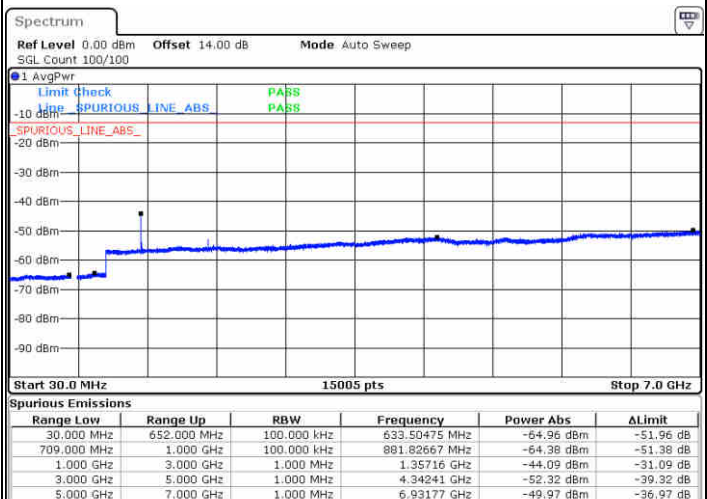
Date: 15 JUL 2020 13:12:12

Middle Channel / QPSK



Date: 15 JUL 2020 13:19:24

Middle Channel / 16QAM

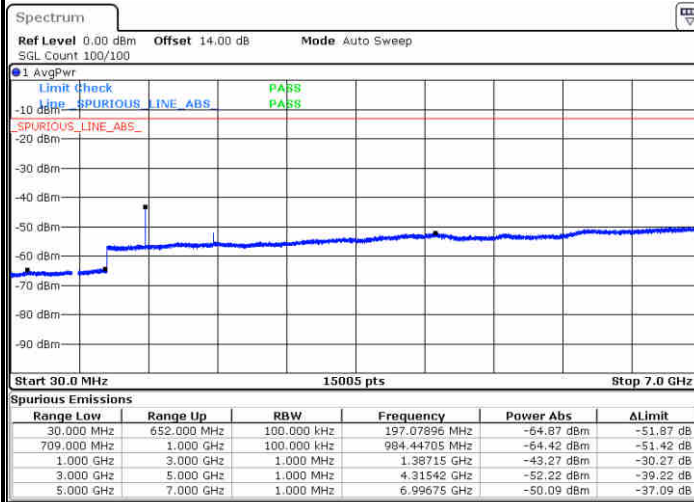


Date: 15 JUL 2020 13:18:16



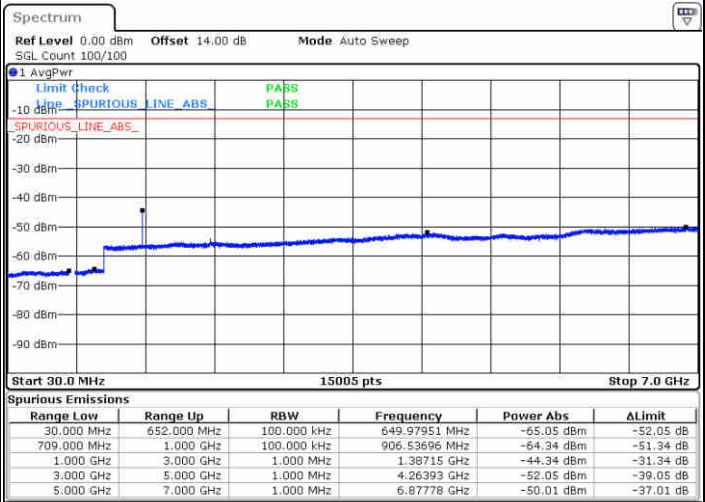
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 15 JUL 2020 15:29:41

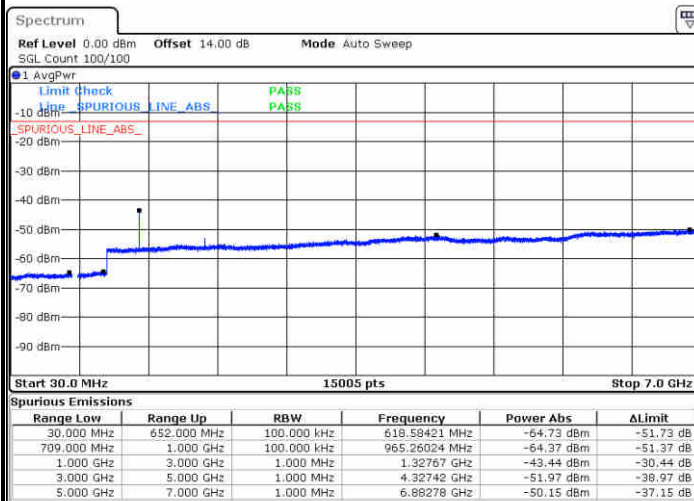
Highest Channel / 16QAM



Date: 15 JUL 2020 15:31:34

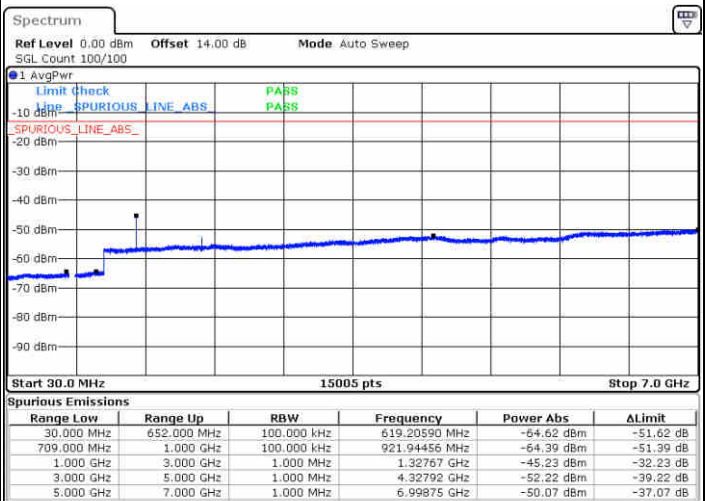
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 15 JUL 2020 15:53:02

Lowest Channel / 16QAM

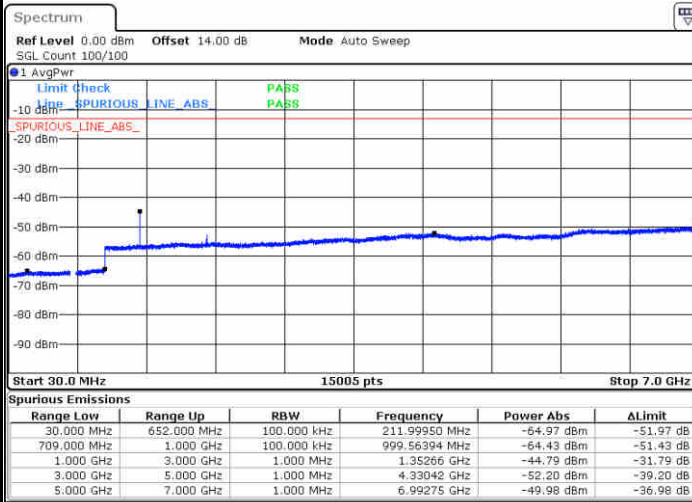


Date: 15 JUL 2020 15:50:27



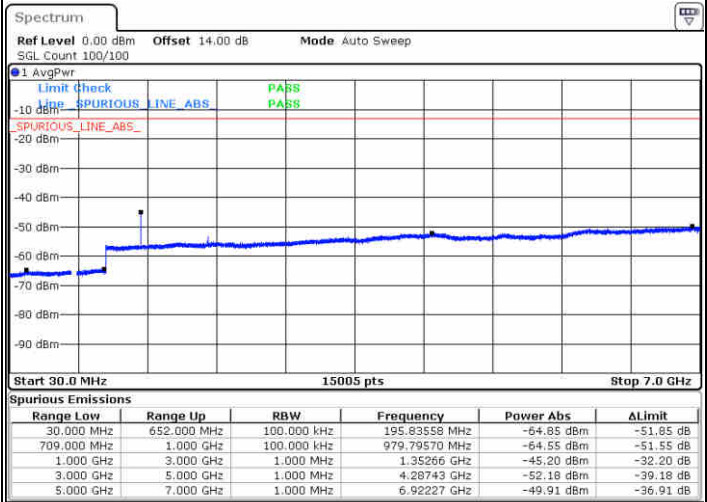
LTE Band 71 / 10MHz

Middle Channel / QPSK



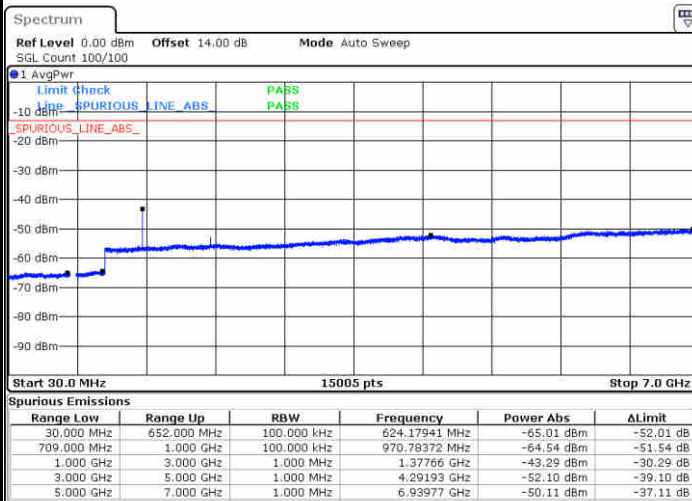
Date: 15 JUL 2020 15:58:29

Middle Channel / 16QAM



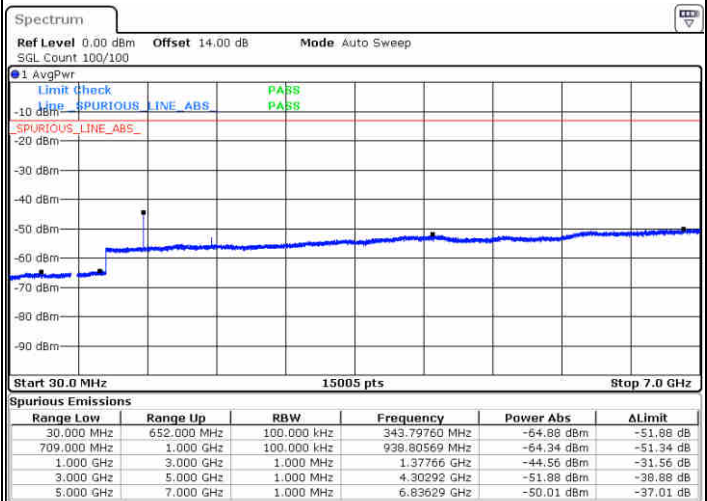
Date: 15 JUL 2020 15:59:36

Highest Channel / QPSK



Date: 15 JUL 2020 16:10:15

Highest Channel / 16QAM

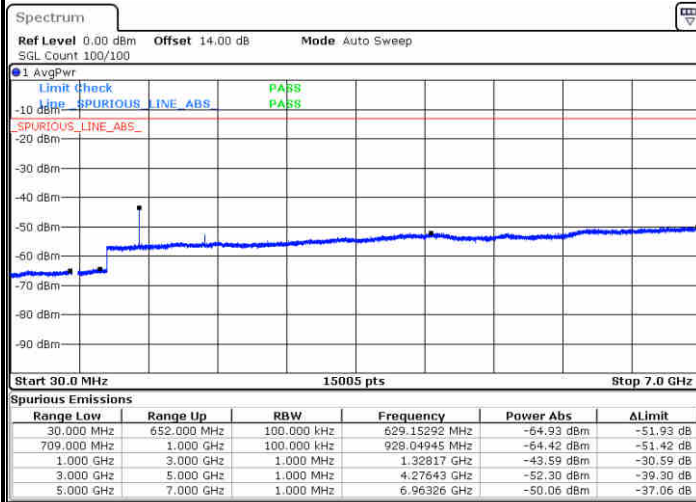


Date: 15 JUL 2020 16:08:53



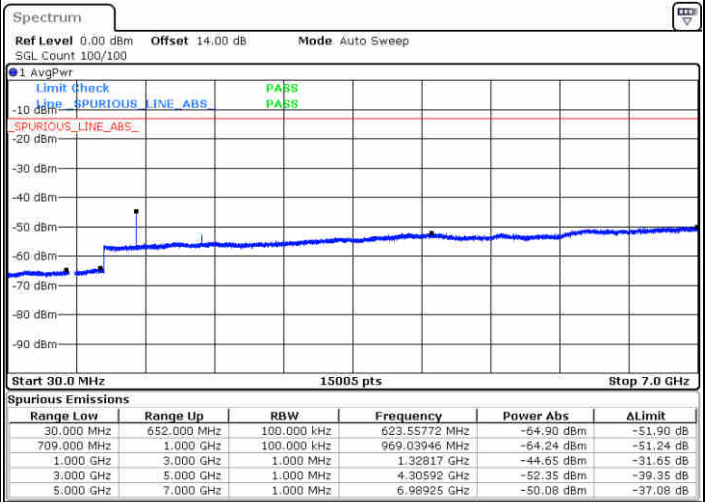
LTE Band 71 / 15MHz

Lowest Channel / QPSK



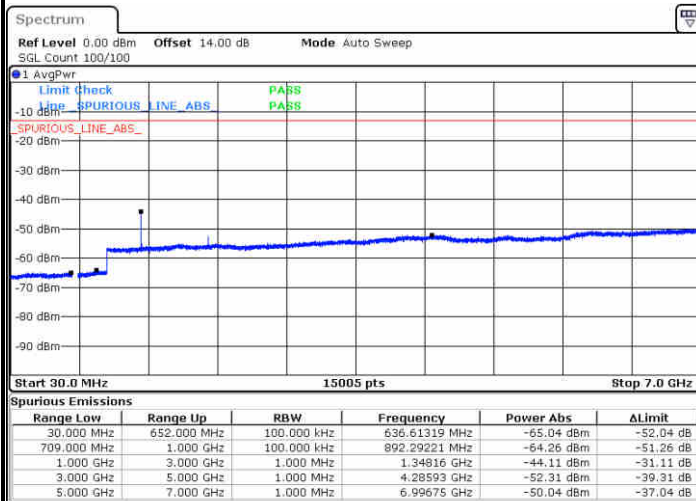
Date: 15 JUL 2020 16:32:22

Lowest Channel / 16QAM



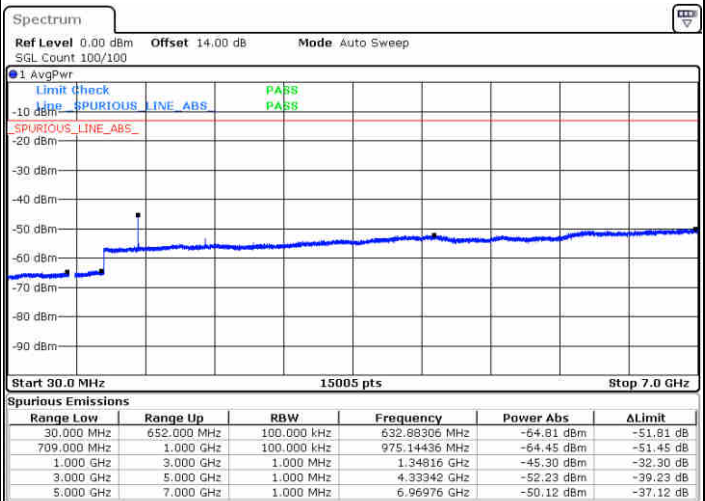
Date: 15 JUL 2020 16:29:33

Middle Channel / QPSK



Date: 15 JUL 2020 16:33:54

Middle Channel / 16QAM

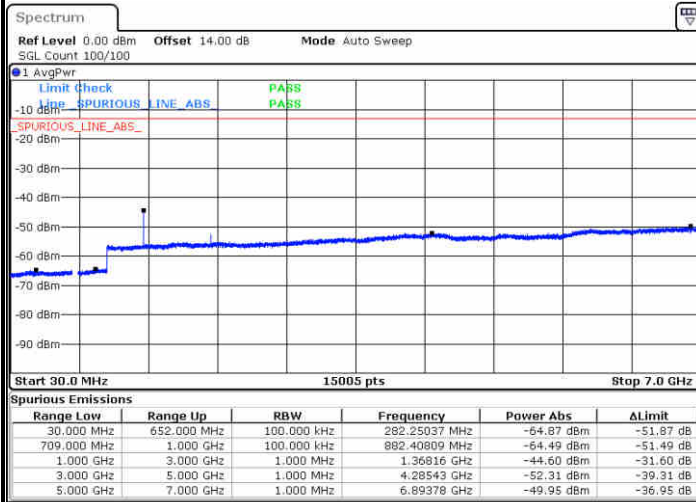


Date: 15 JUL 2020 16:35:16



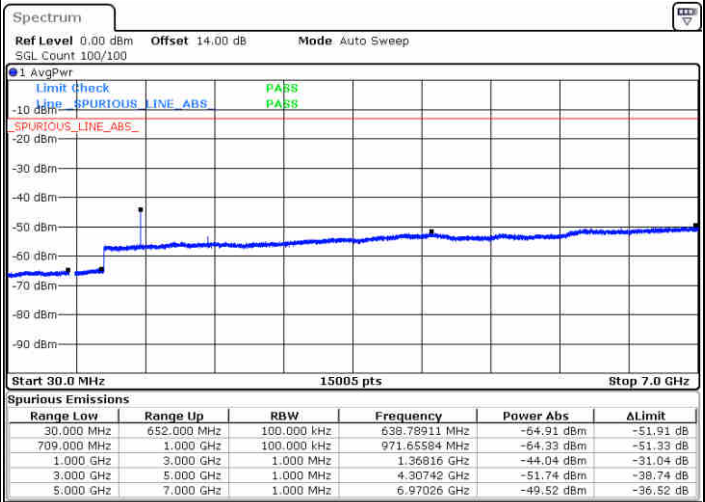
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 15 JUL 2020 16:54:54

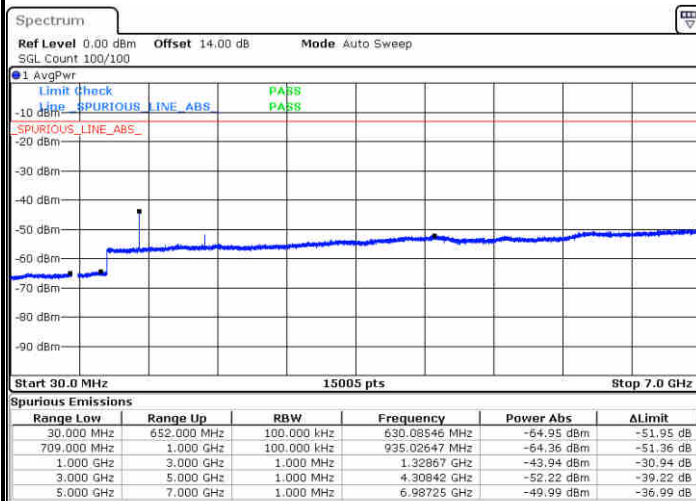
Highest Channel / 16QAM



Date: 15 JUL 2020 16:56:12

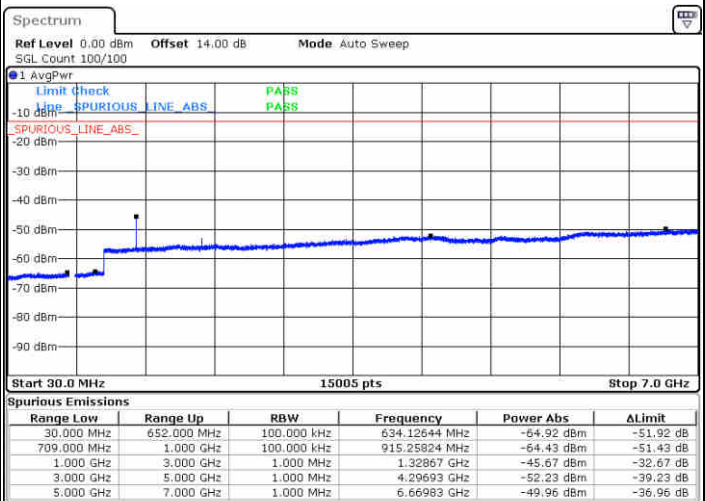
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 15 JUL 2020 17:07:44

Lowest Channel / 16QAM

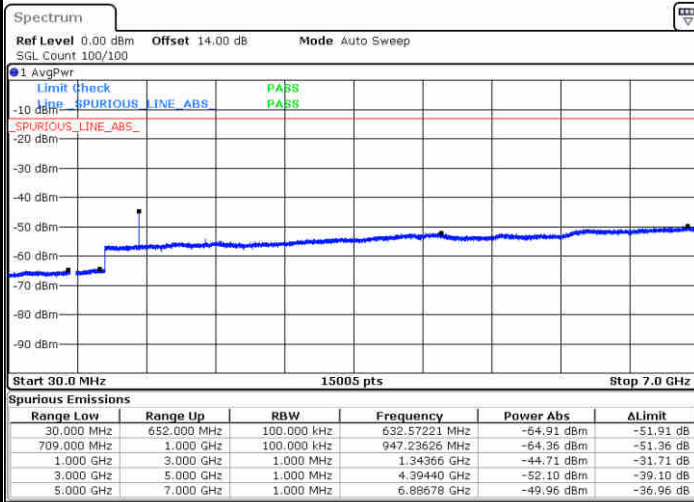


Date: 15 JUL 2020 17:08:17



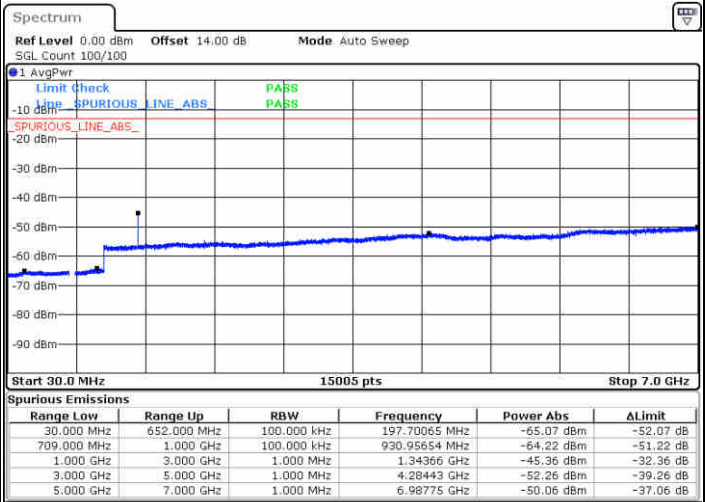
LTE Band 71 / 20MHz

Middle Channel / QPSK



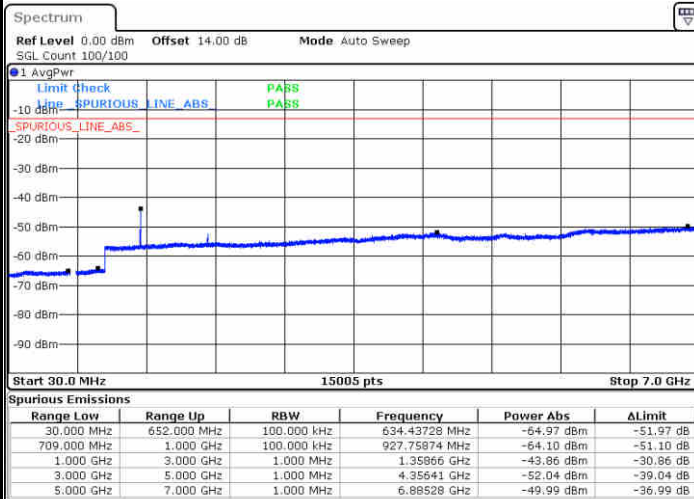
Date: 15 JUL 2020 17:15:08

Middle Channel / 16QAM



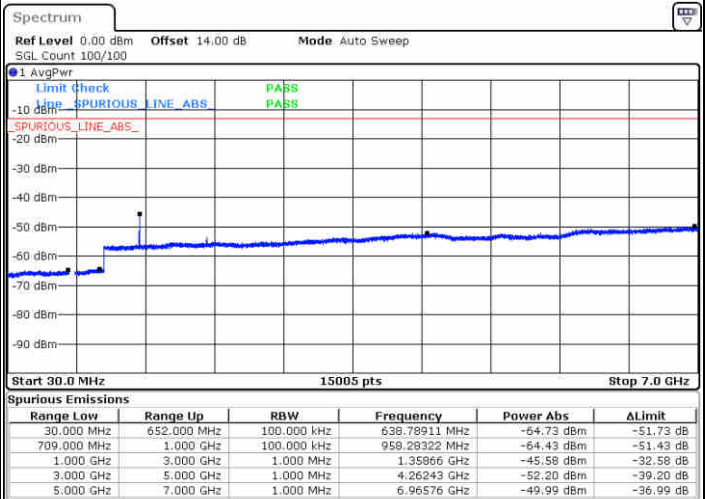
Date: 15 JUL 2020 17:13:50

Highest Channel / QPSK



Date: 15 JUL 2020 17:24:44

Highest Channel / 16QAM

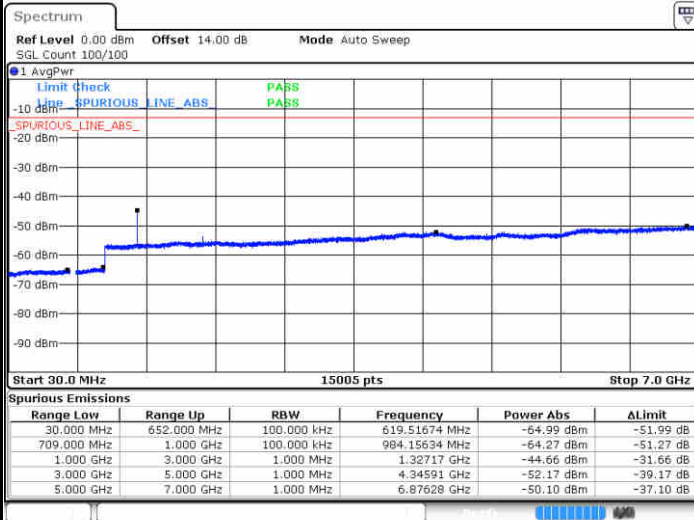


Date: 15 JUL 2020 17:25:46



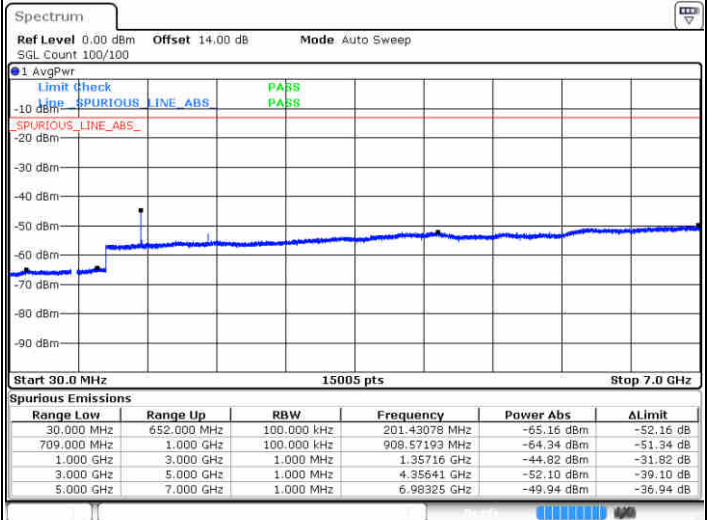
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



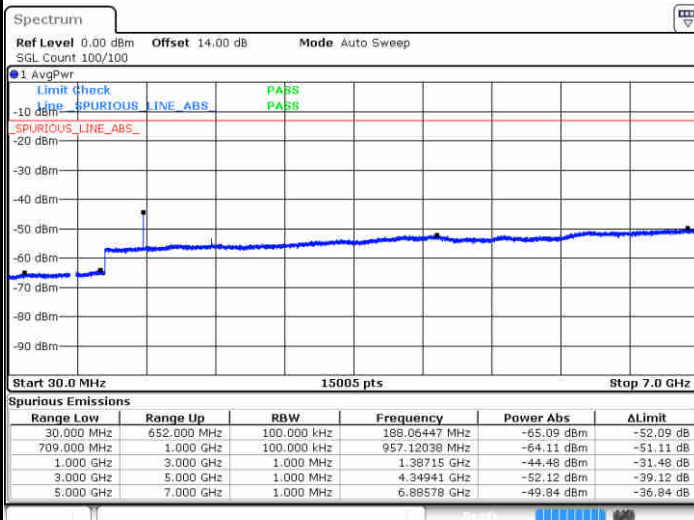
Date: 15 JUL 2020 13:15:41

Middle Channel / 64QAM



Date: 15 JUL 2020 13:17:09

Highest Channel / 64QAM

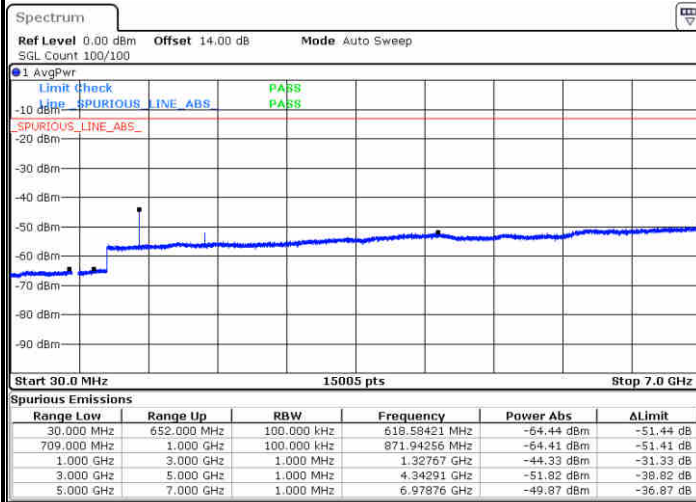


Date: 15 JUL 2020 15:33:29



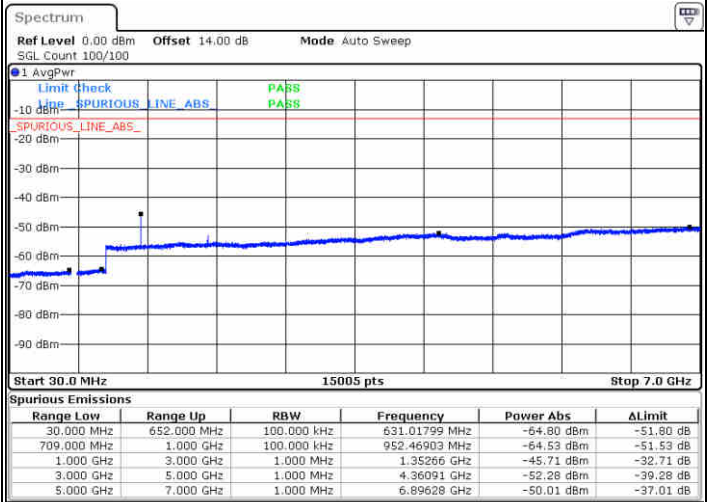
LTE Band 71 / 10MHz

Lowest Channel / 64QAM



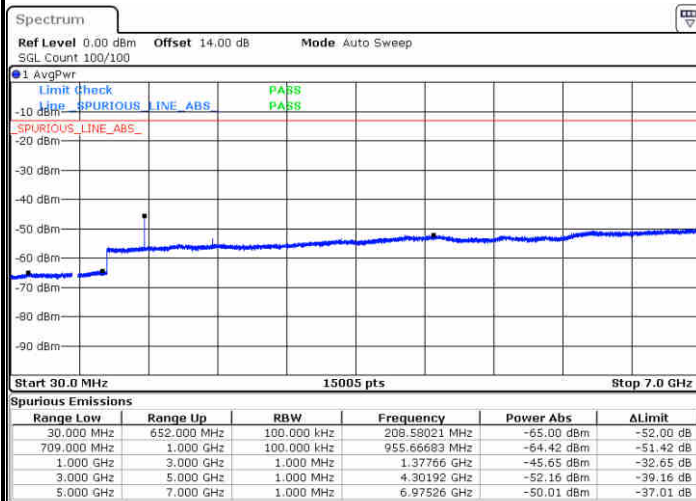
Date: 15 JUL 2020 15:49:19

Middle Channel / 64QAM



Date: 15 JUL 2020 16:00:47

Highest Channel / 64QAM

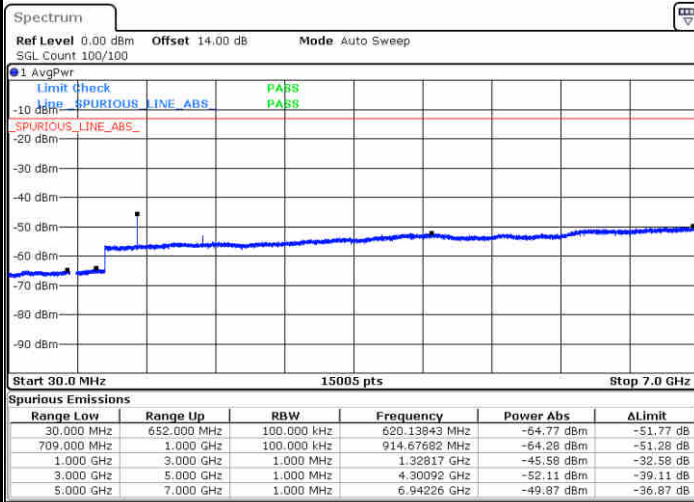


Date: 15 JUL 2020 16:07:59



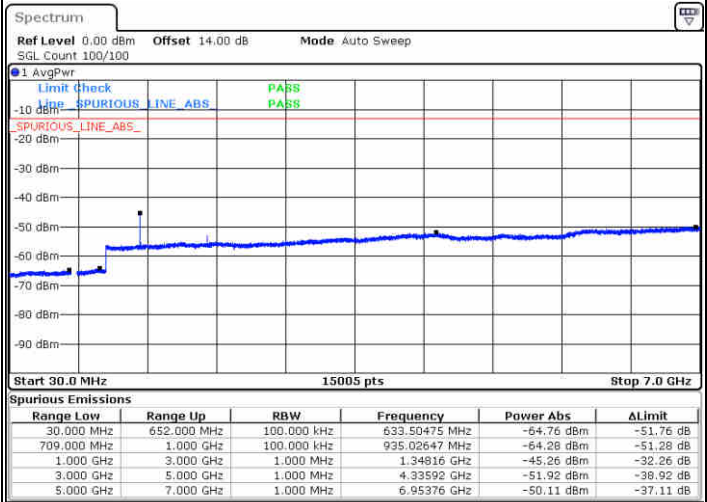
LTE Band 71 / 15MHz

Lowest Channel / 64QAM



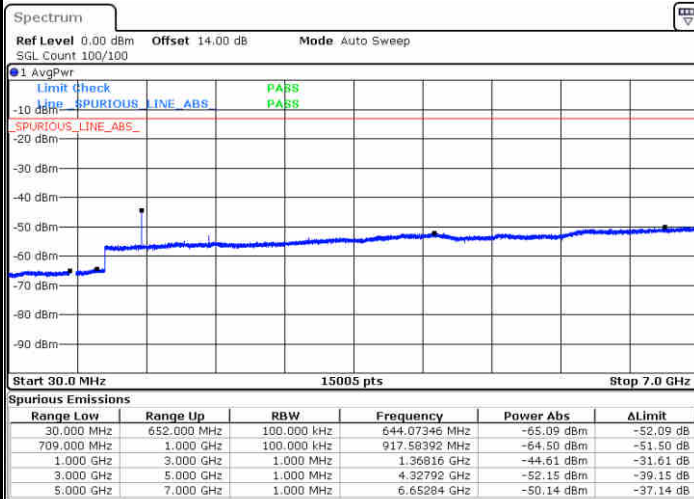
Date: 15 JUL 2020 16:27:48

Middle Channel / 64QAM



Date: 15 JUL 2020 16:36:17

Highest Channel / 64QAM

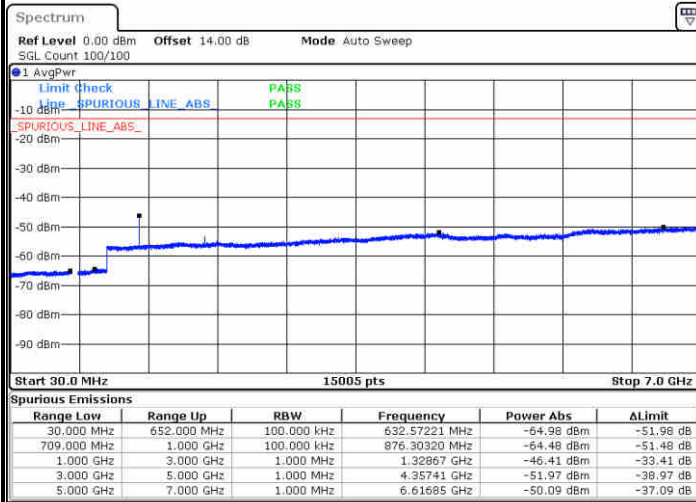


Date: 15 JUL 2020 16:57:36



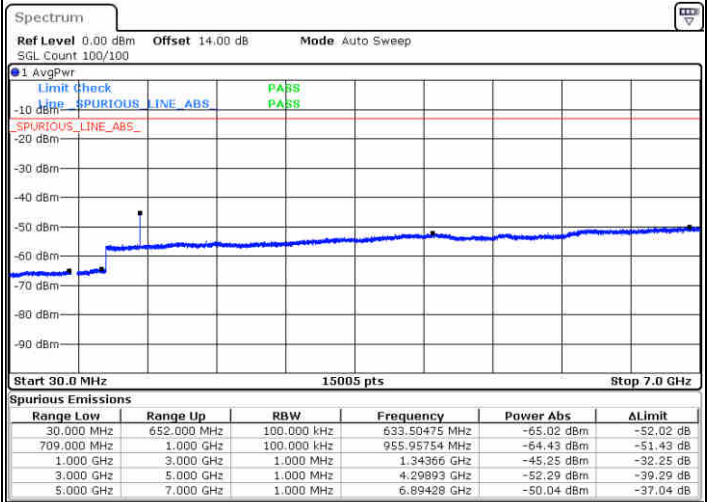
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



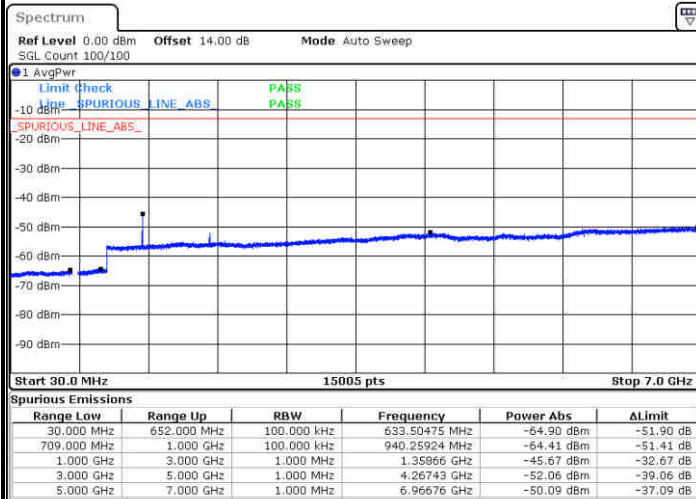
Date: 15 JUL 2020 17:05:18

Middle Channel / 64QAM



Date: 15 JUL 2020 17:12:44

Highest Channel / 64QAM



Date: 15 JUL 2020 17:28:03

**Frequency Stability**

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0234	
-10	Normal Voltage	0.0194	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C_CA

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.98	25.33	29.85	25.43	30.51
Middle CH	24.88	25.38	30.03	25.43	30.51
Highest CH	25.13	25.38	29.85	25.48	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	25.18	30.03	34.90	39.72
Middle CH	34.97	25.33	30.21	34.97	39.88
Highest CH	34.83	25.28	30.03	35.11	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.98	25.28	29.79	25.43	30.63
Middle CH	24.88	25.28	29.79	25.43	30.51
Highest CH	24.93	25.28	29.79	25.48	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	25.08	29.91	34.90	39.88
Middle CH	34.83	25.08	29.91	34.97	39.72
Highest CH	34.90	25.13	30.03	35.04	39.88

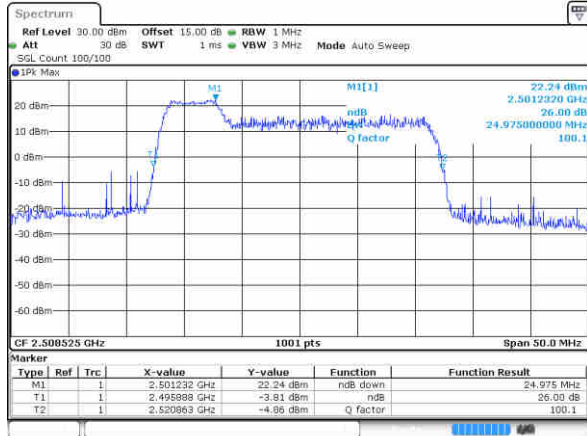
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.88	25.13	29.79	25.23	30.63
Middle CH	24.88	25.38	29.85	25.43	30.57
Highest CH	24.83	25.18	29.97	25.38	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.76	25.08	30.09	34.97	39.88
Middle CH	34.83	25.08	30.15	34.90	39.88
Highest CH	34.83	25.08	30.09	34.90	39.96



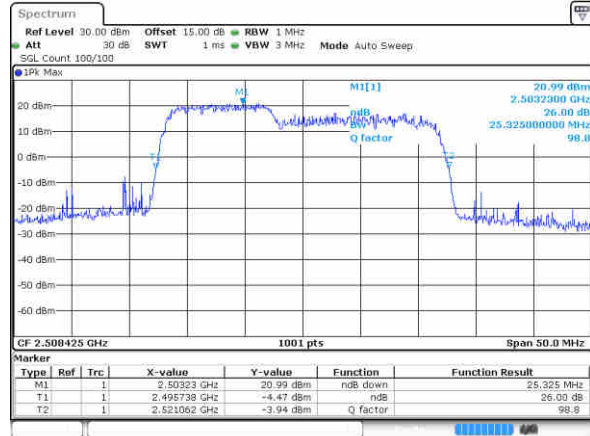
LTE Band 41C

QPSK

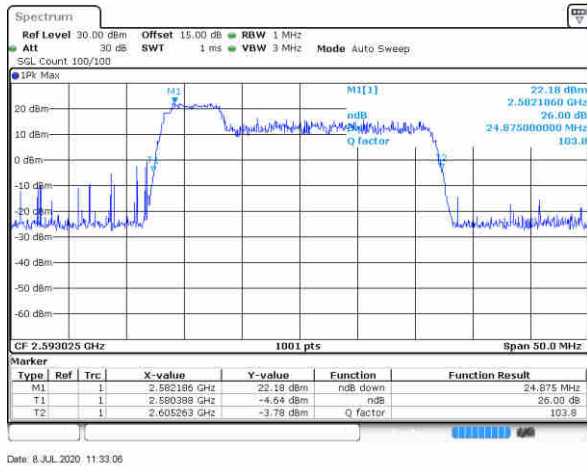
Lowest Channel / 5MHz+20MHz



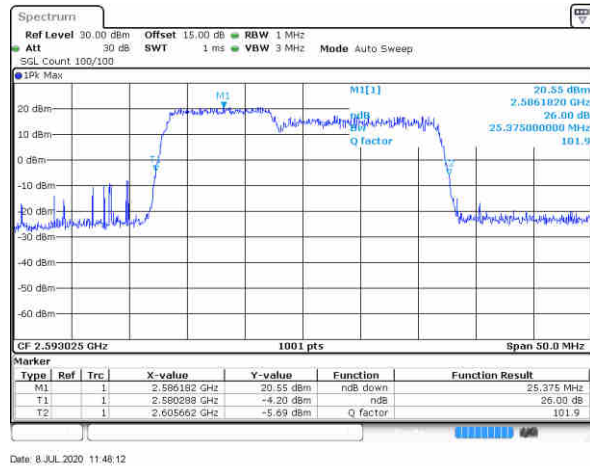
Lowest Channel / 10MHz+15MHz



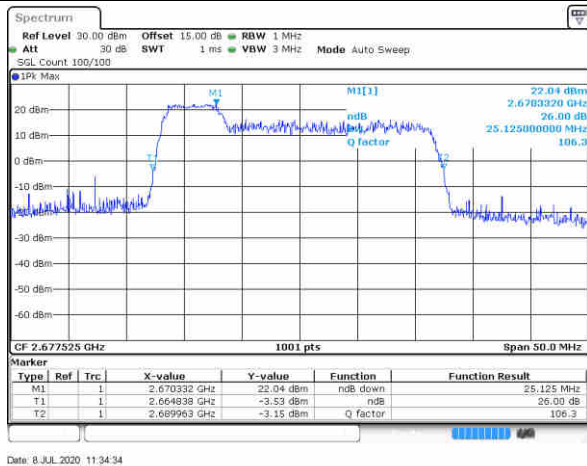
Middle Channel / 5MHz+20MHz



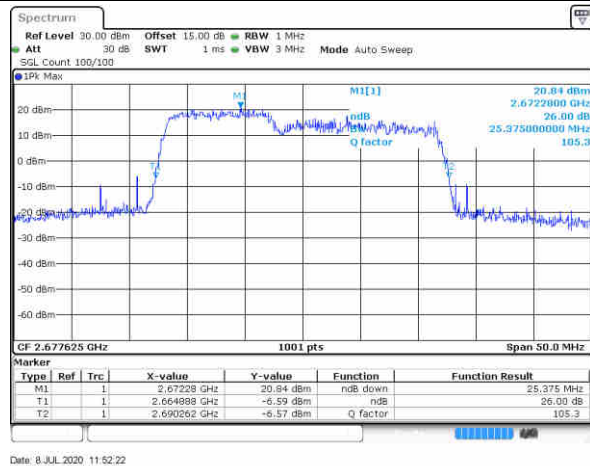
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

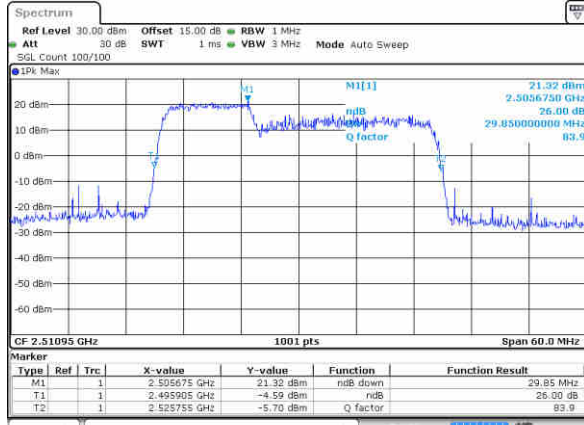




LTE Band 41C

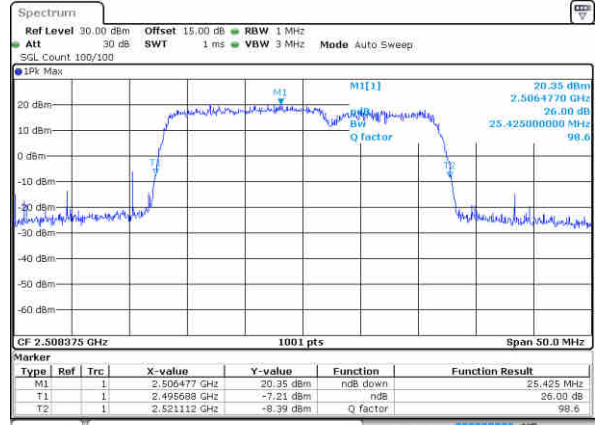
QPSK

Lowest Channel / 10MHz+20MHz



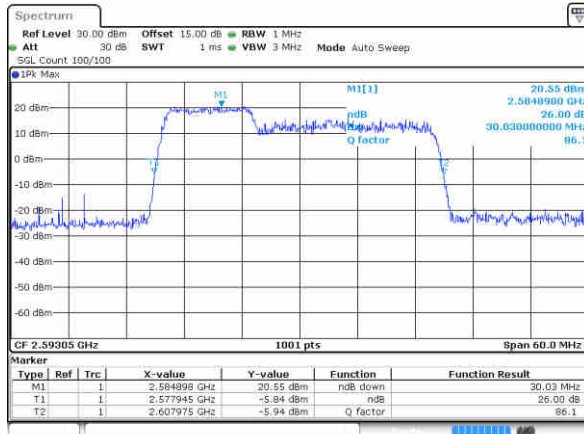
Date: 8 JUL 2020 12:09:58

Lowest Channel / 15MHz+10MHz



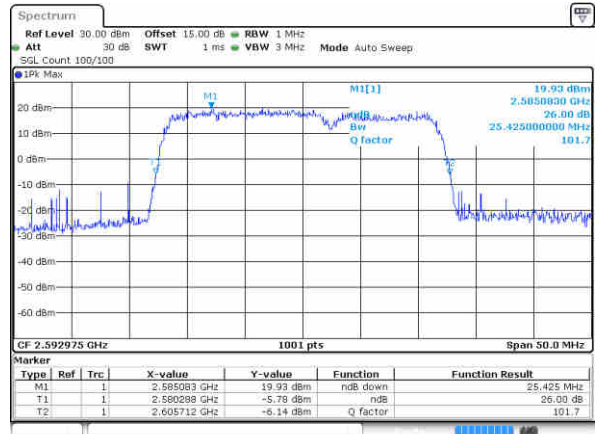
Date: 8 JUL 2020 12:00:20

Middle Channel / 10MHz+20MHz



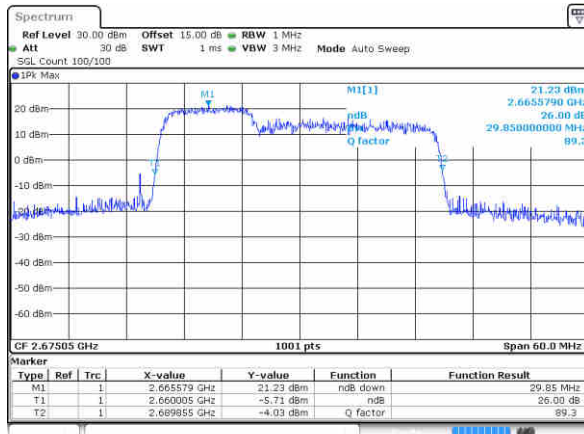
Date: 8 JUL 2020 12:13:11

Middle Channel / 15MHz+10MHz



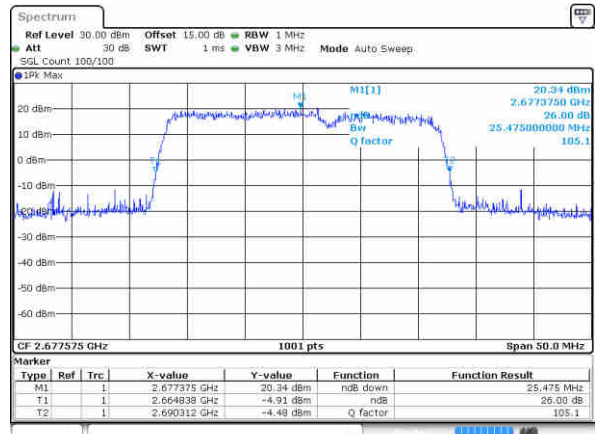
Date: 8 JUL 2020 12:01:32

Highest Channel / 10MHz+20MHz



Date: 8 JUL 2020 12:14:24

Highest Channel / 15MHz+10MHz



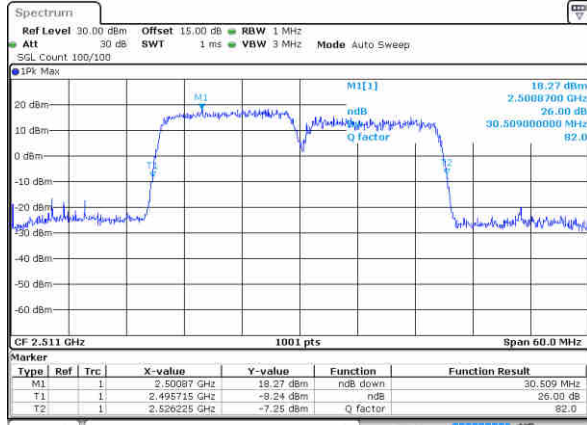
Date: 8 JUL 2020 12:06:38



LTE Band 41C

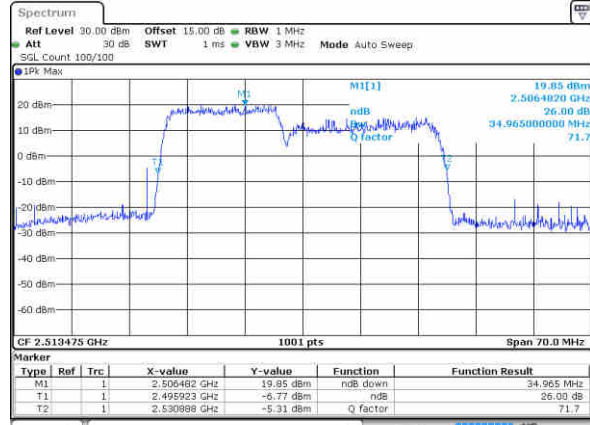
QPSK

Lowest Channel / 15MHz+15MHz



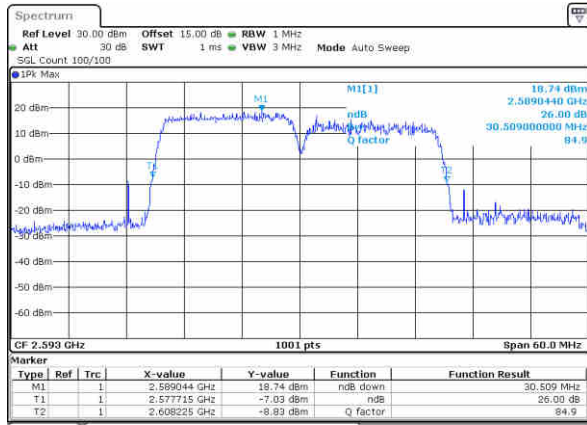
Date: 8 JUL 2020 12:26:44

Lowest Channel / 15MHz+20MHz



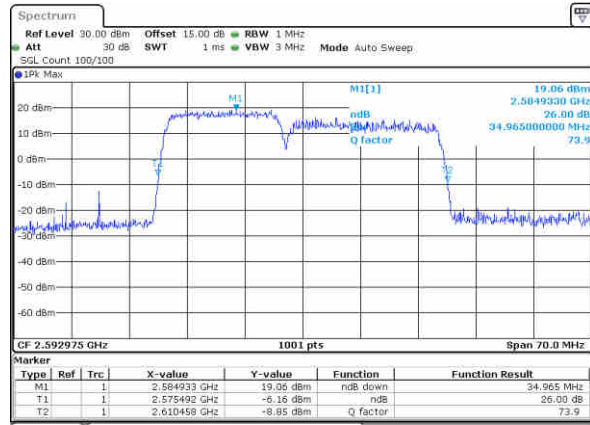
Date: 8 JUL 2020 12:33:07

Middle Channel / 15MHz+15MHz



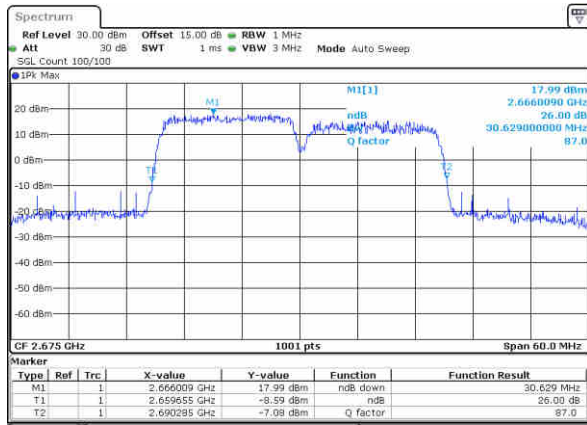
Date: 8 JUL 2020 12:27:52

Middle Channel / 15MHz+20MHz



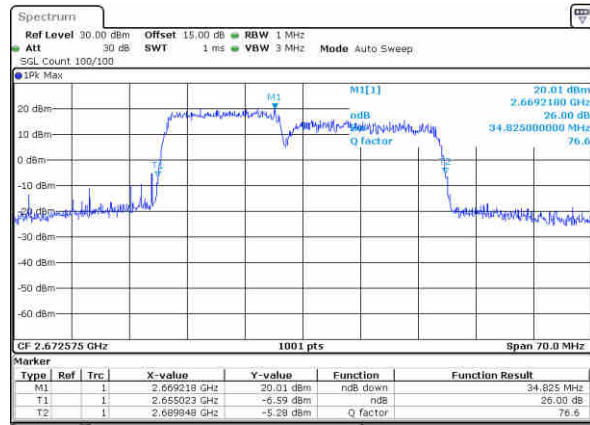
Date: 8 JUL 2020 12:35:02

Highest Channel / 15MHz+15MHz



Date: 8 JUL 2020 12:30:18

Highest Channel / 15MHz+20MHz



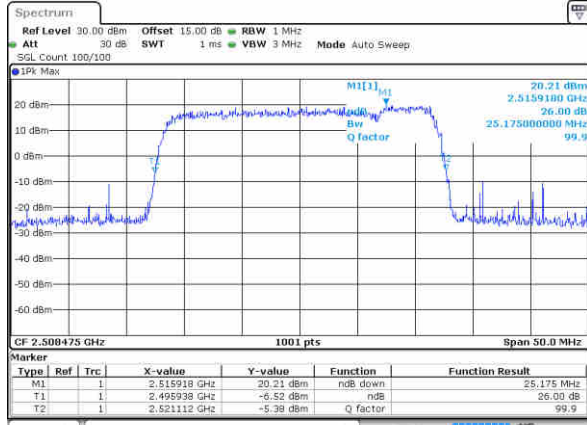
Date: 8 JUL 2020 12:38:42



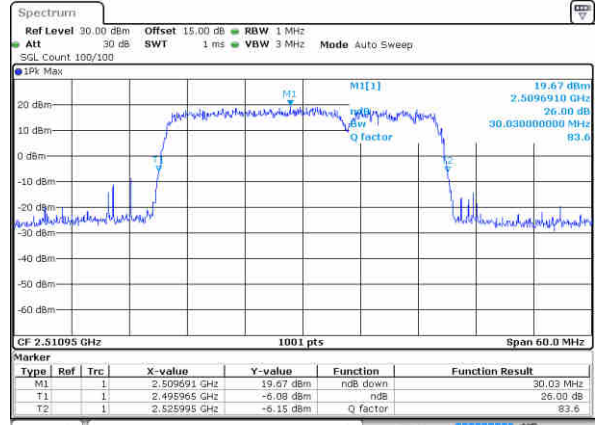
LTE Band 41C

QPSK

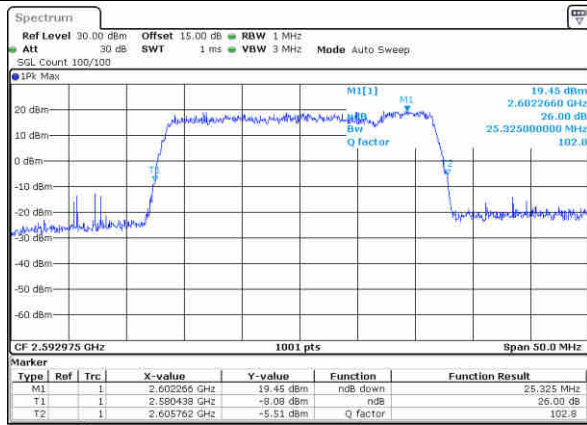
Lowest Channel / 20MHz+5MHz



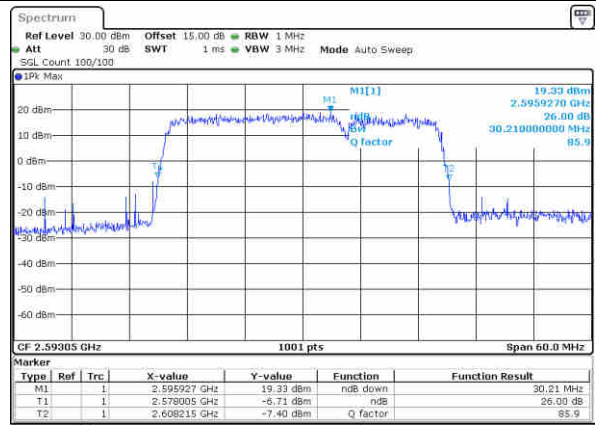
Lowest Channel / 20MHz+10MHz



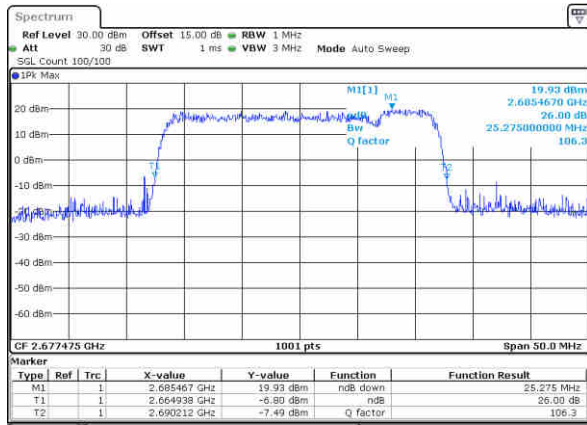
Middle Channel / 20MHz+5MHz



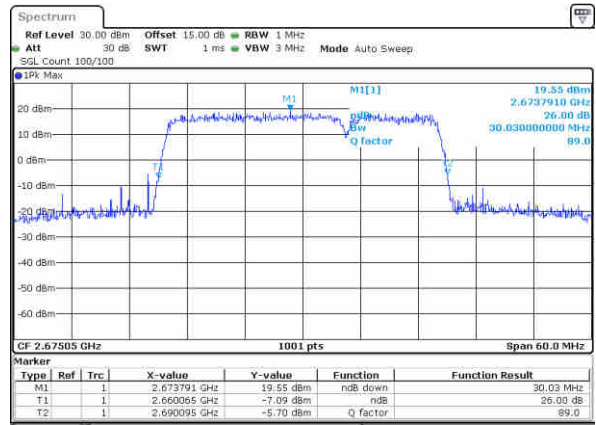
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



Highest Channel / 20MHz+10MHz

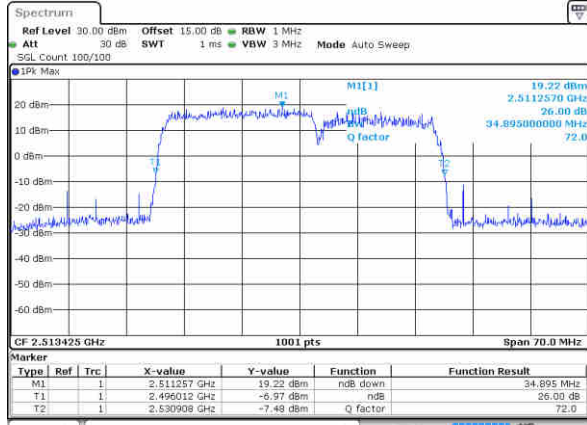




LTE Band 41C

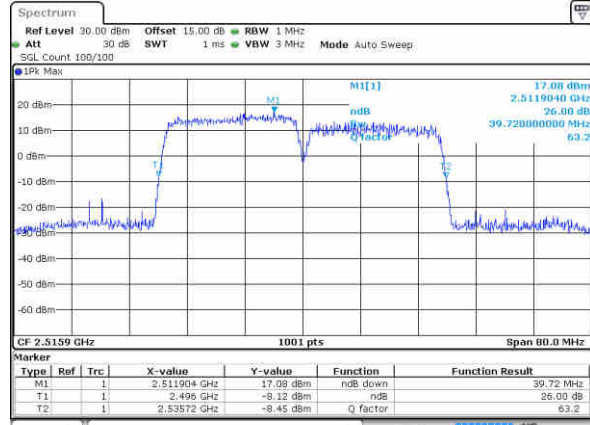
QPSK

Lowest Channel / 20MHz+15MHz



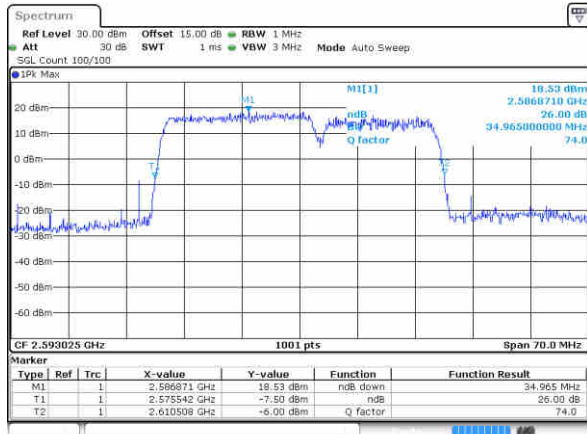
Date: 8 JUL 2020 12:43:15

Lowest Channel / 20MHz+20MHz



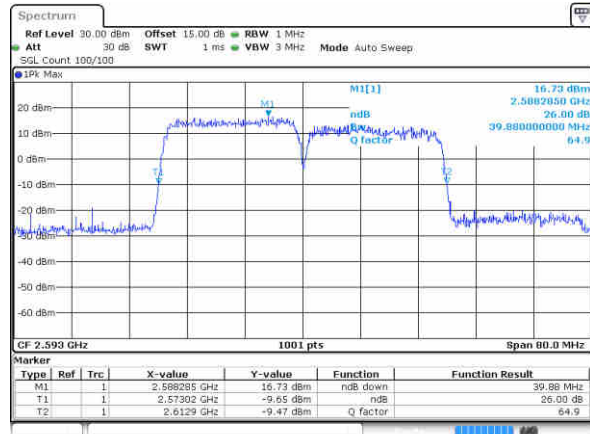
Date: 8 JUL 2020 12:50:09

Middle Channel / 20MHz+15MHz



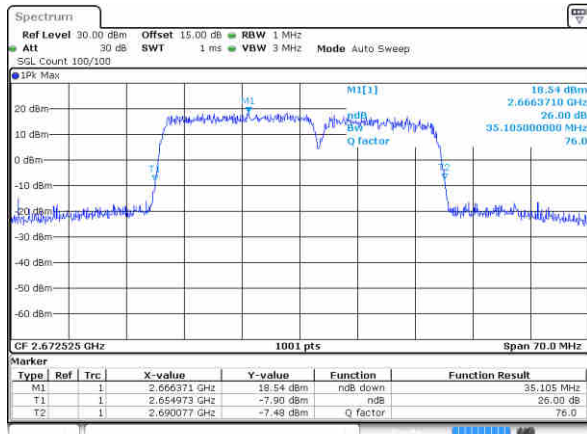
Date: 8 JUL 2020 12:44:48

Middle Channel / 20MHz+20MHz



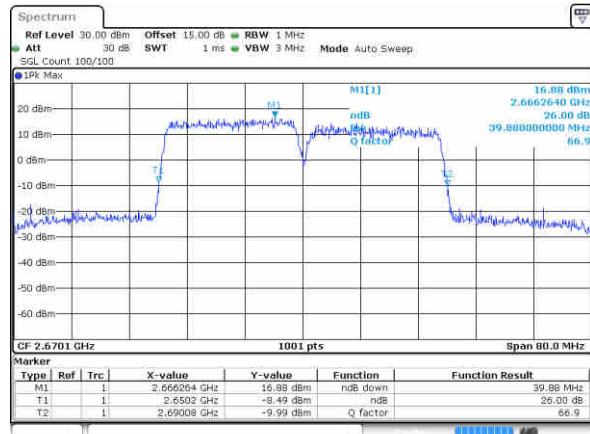
Date: 8 JUL 2020 12:52:20

Highest Channel / 20MHz+15MHz



Date: 8 JUL 2020 12:46:47

Highest Channel / 20MHz+20MHz



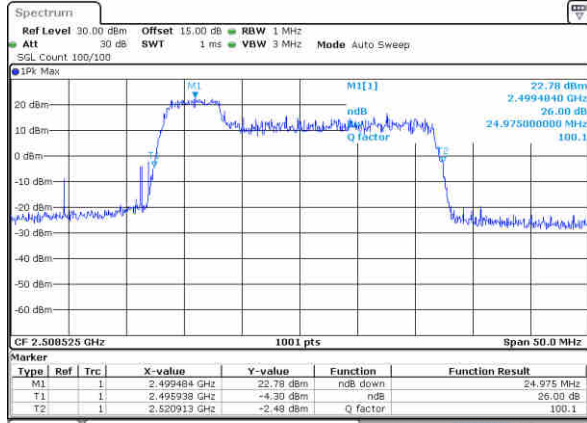
Date: 8 JUL 2020 12:53:04



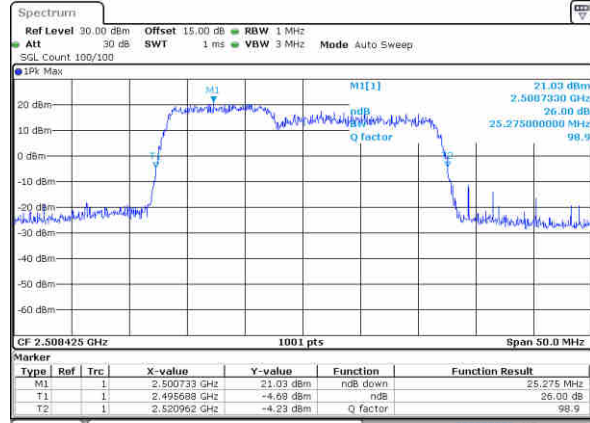
LTE Band 41C

16QAM

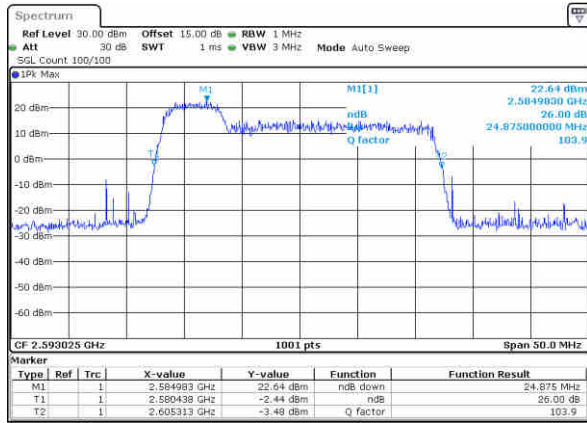
Lowest Channel / 5MHz+20MHz



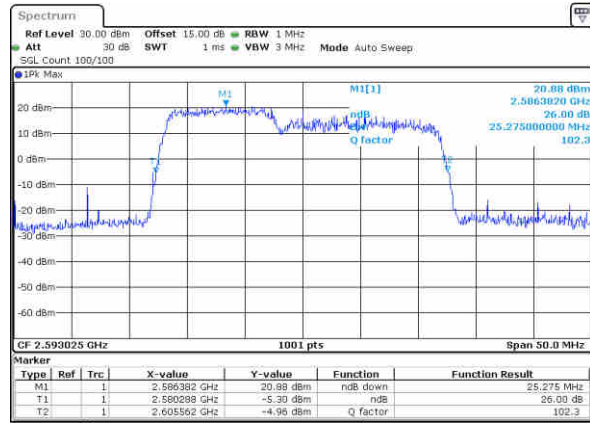
Lowest Channel / 10MHz+15MHz



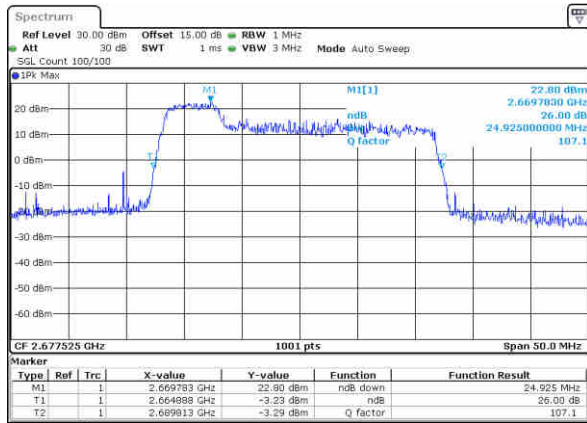
Middle Channel / 5MHz+20MHz



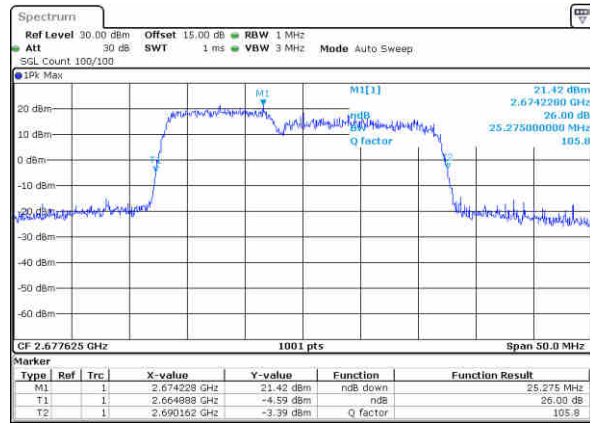
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

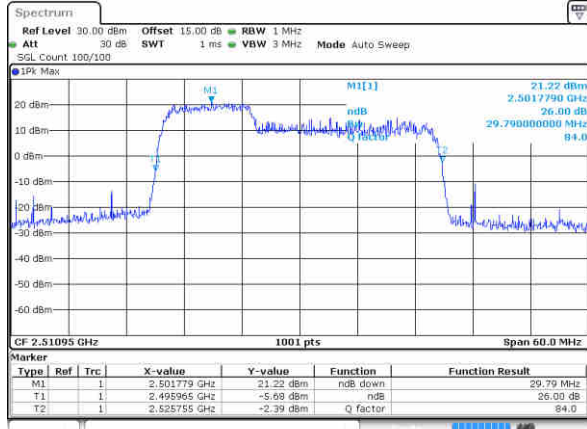




LTE Band 41C

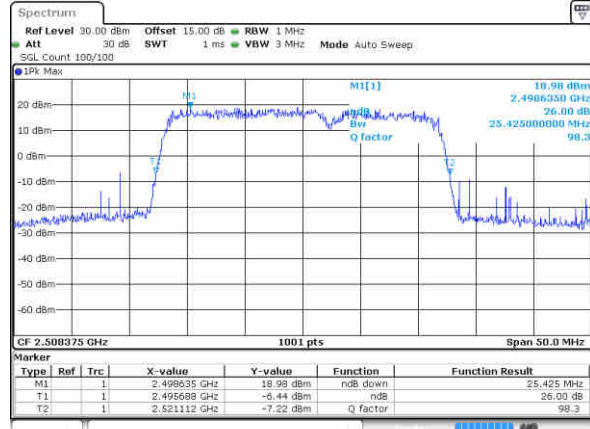
16QAM

Lowest Channel / 10MHz+20MHz



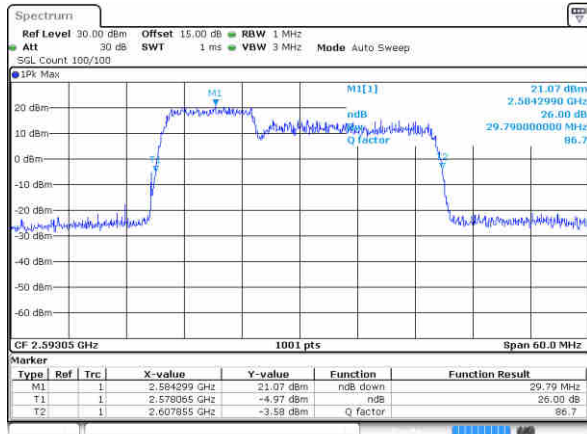
Date: 8 JUL 2020 12:10:29

Lowest Channel / 15MHz+10MHz



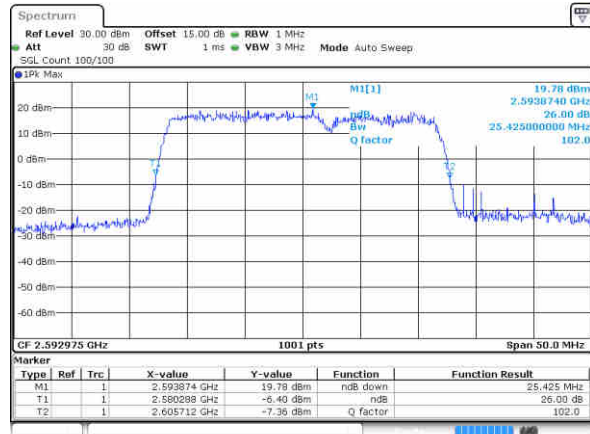
Date: 8 JUL 2020 11:59:17

Middle Channel / 10MHz+20MHz



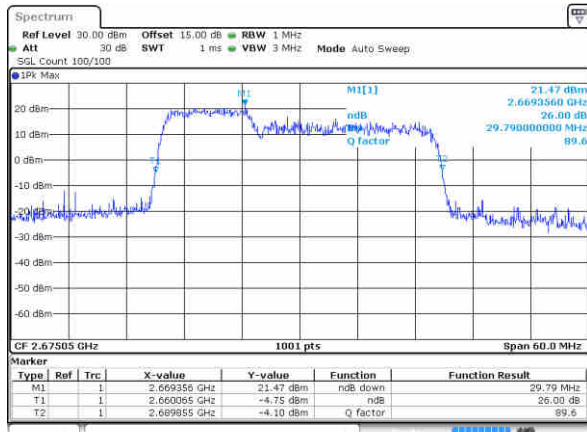
Date: 8 JUL 2020 12:12:25

Middle Channel / 15MHz+10MHz



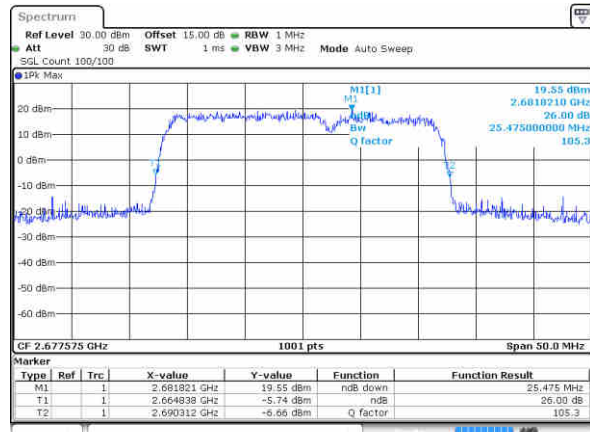
Date: 8 JUL 2020 12:02:14

Highest Channel / 10MHz+20MHz



Date: 8 JUL 2020 12:14:47

Highest Channel / 15MHz+10MHz



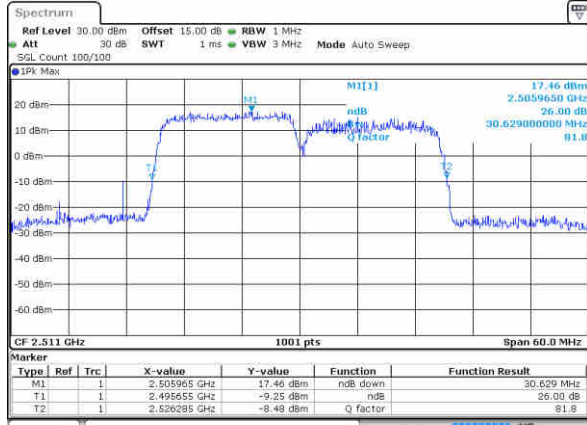
Date: 8 JUL 2020 12:05:06



LTE Band 41C

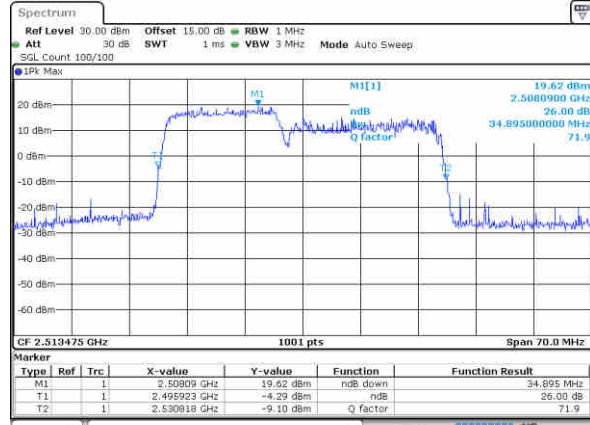
16QAM

Lowest Channel / 15MHz+15MHz



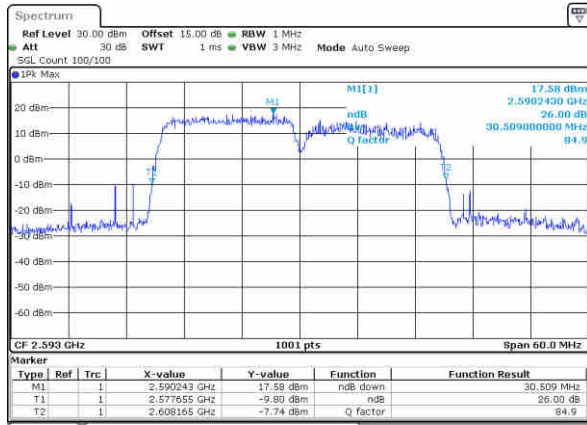
Date: 8 JUL 2020 12:28:07

Lowest Channel / 15MHz+20MHz



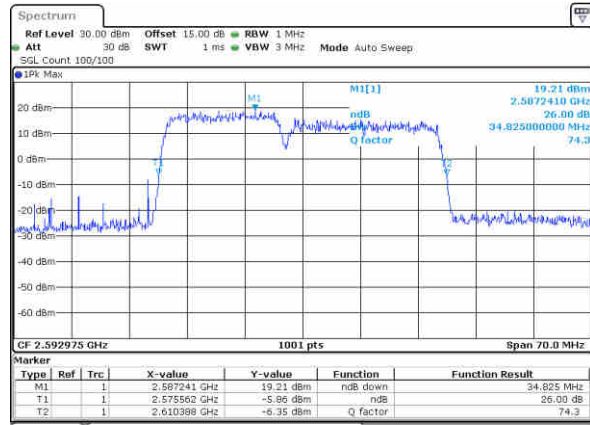
Date: 8 JUL 2020 12:33:43

Middle Channel / 15MHz+15MHz



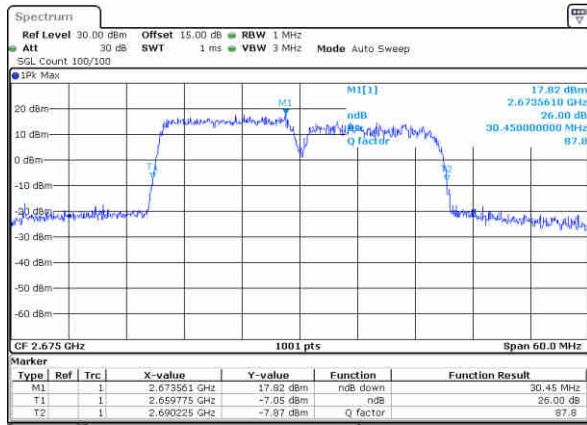
Date: 8 JUL 2020 12:28:22

Middle Channel / 15MHz+20MHz



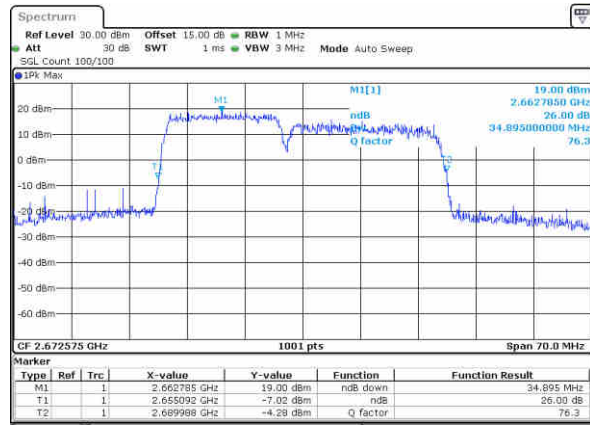
Date: 8 JUL 2020 12:37:16

Highest Channel / 15MHz+15MHz



Date: 8 JUL 2020 12:30:46

Highest Channel / 15MHz+20MHz



Date: 8 JUL 2020 12:39:10