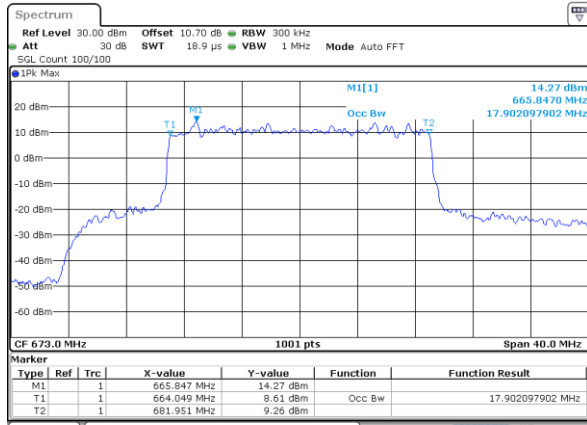




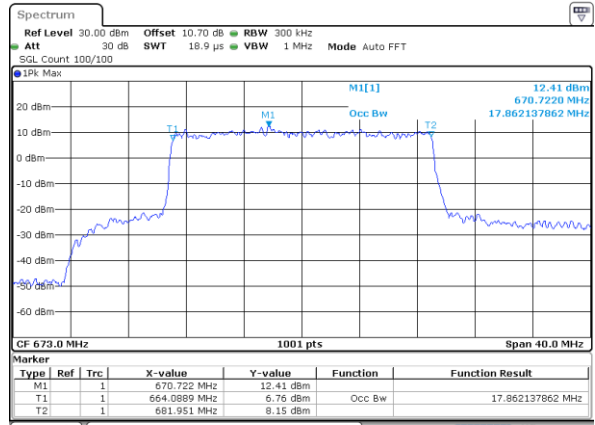
LTE Band 71

Lowest Channel / 20MHz / QPSK



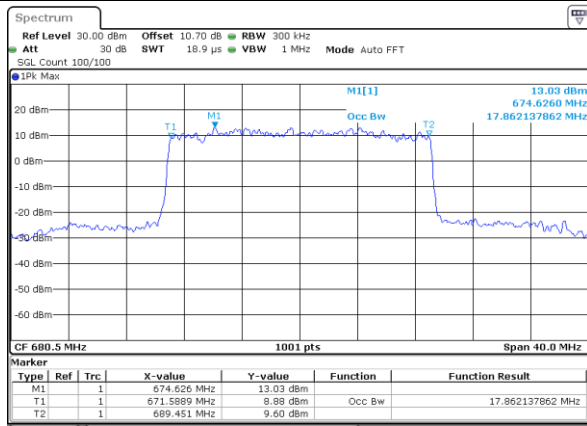
Date: 23 JAN 2020 18:45:03

Lowest Channel / 20MHz / 16QAM



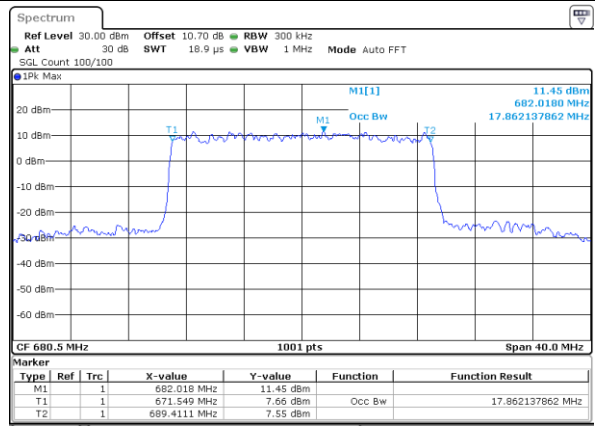
Date: 23 JAN 2020 18:45:15

Middle Channel / 20MHz / QPSK



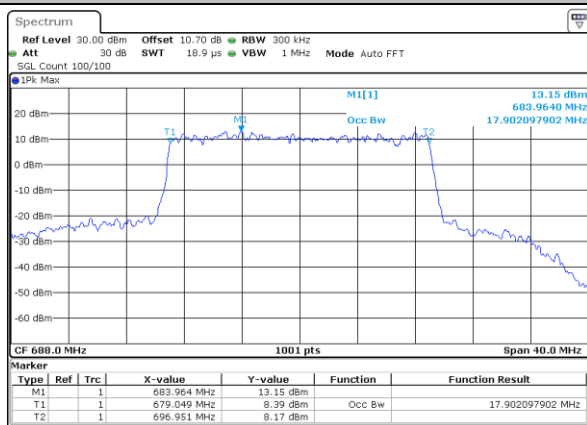
Date: 23 JAN 2020 18:49:54

Middle Channel / 20MHz / 16QAM



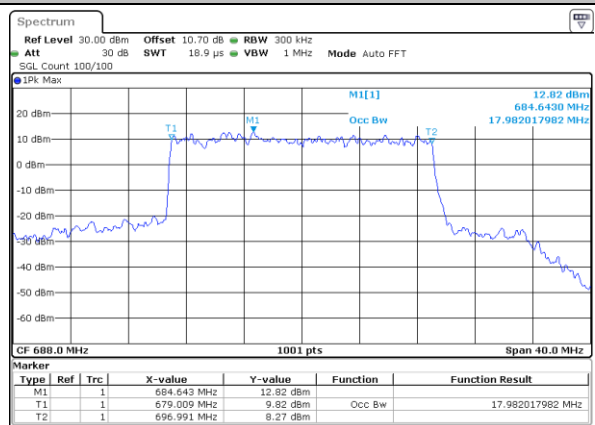
Date: 23 JAN 2020 18:50:06

Highest Channel / 20MHz / QPSK



Date: 23 JAN 2020 18:51:59

Highest Channel / 20MHz / 16QAM

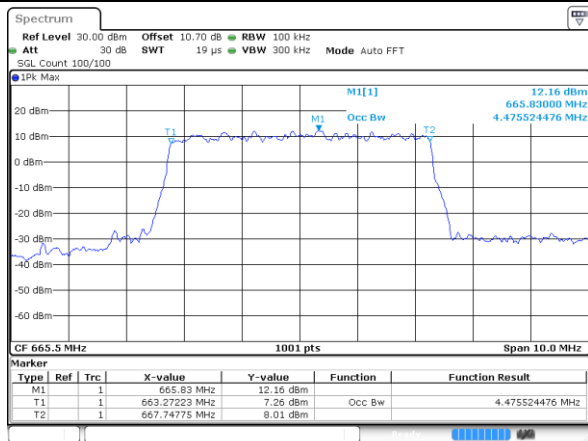


Date: 23 JAN 2020 18:52:12

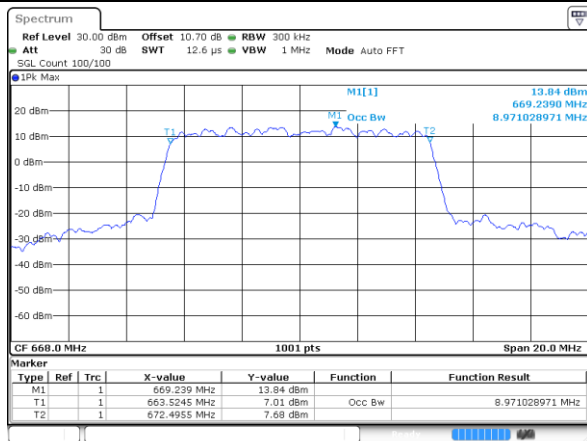


LTE Band 71

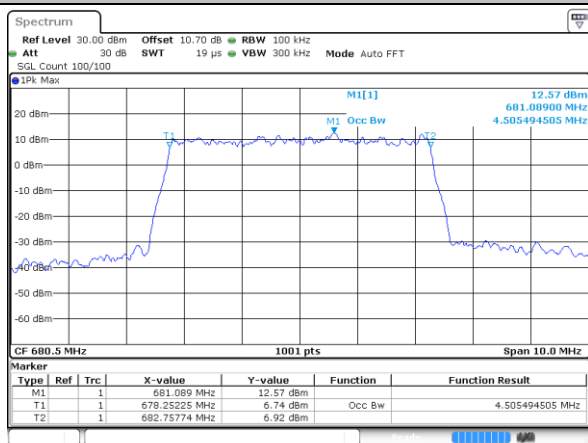
Lowest Channel / 5MHz / 64QAM



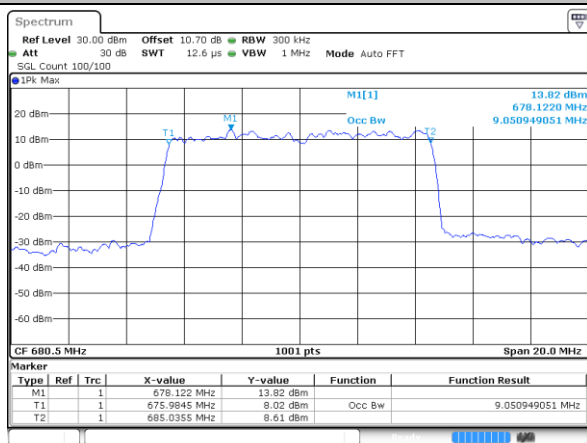
Lowest Channel / 10MHz / 64QAM



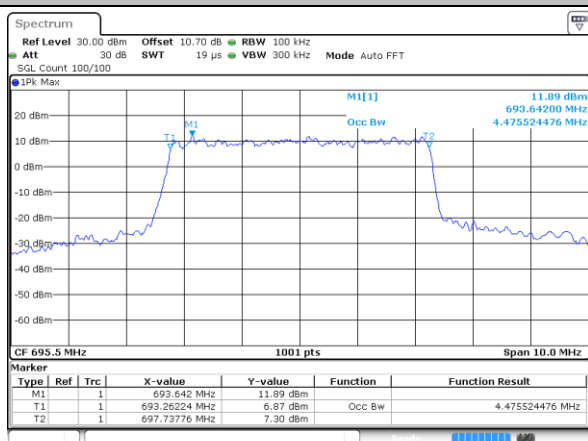
Middle Channel / 5MHz / 64QAM



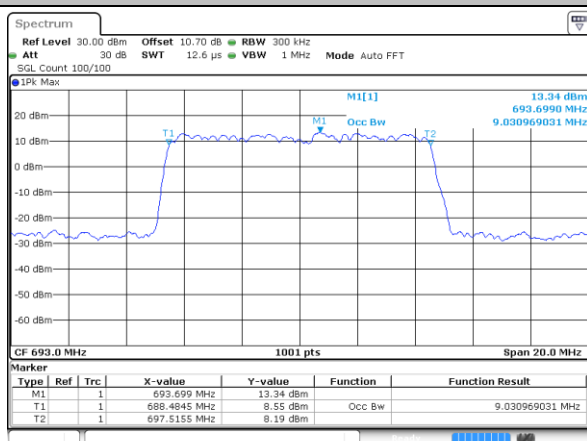
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



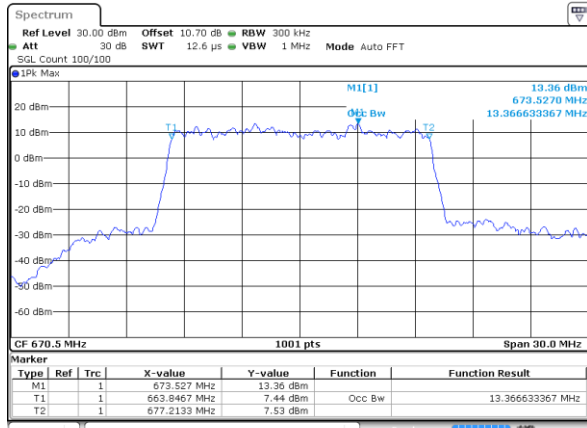
Highest Channel / 10MHz / 64QAM





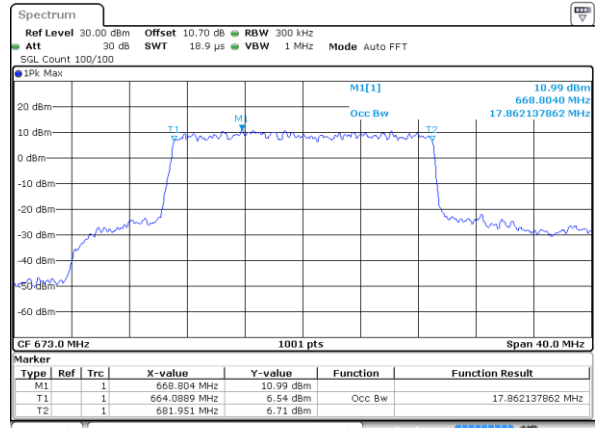
LTE Band 71

Lowest Channel / 15MHz / 64QAM



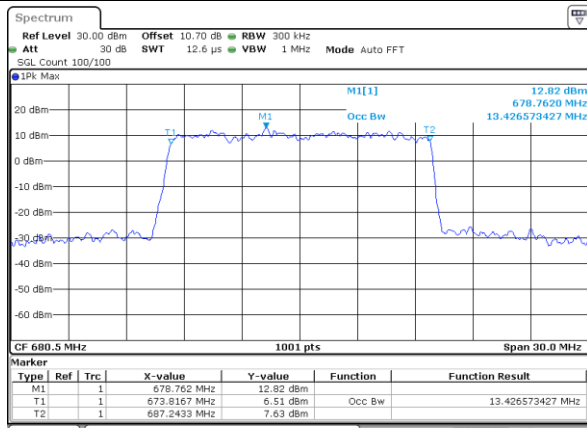
Date: 23 JAN 2020 18:39:11

Lowest Channel / 20MHz / 64QAM



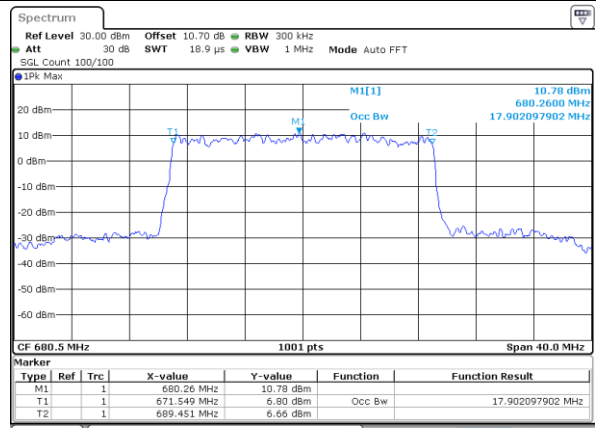
Date: 23 JAN 2020 18:56:50

Middle Channel / 15MHz / 64QAM



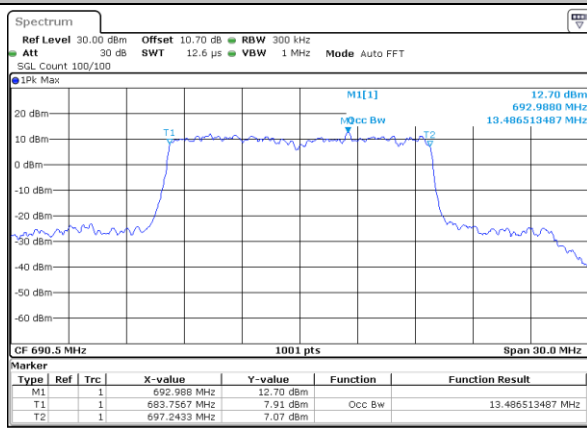
Date: 23 JAN 2020 18:41:35

Middle Channel / 20MHz / 64QAM



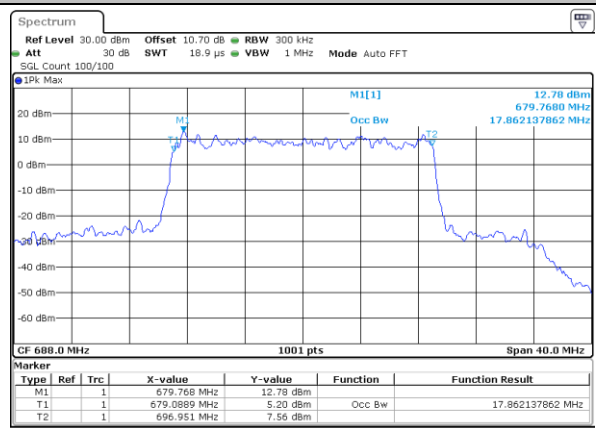
Date: 23 JAN 2020 18:59:15

Highest Channel / 15MHz / 64QAM

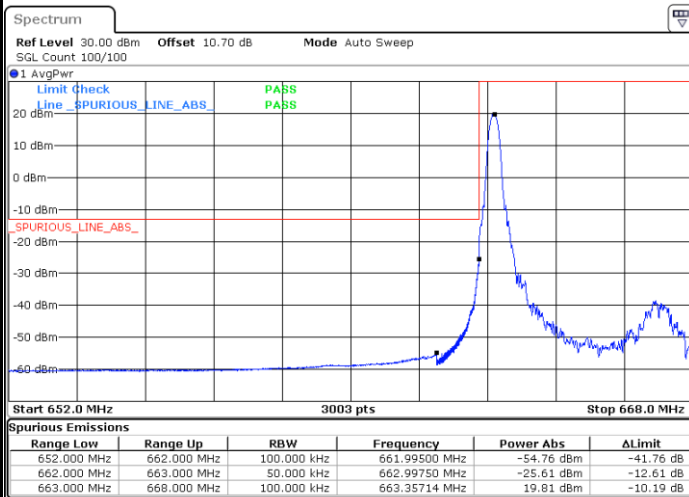
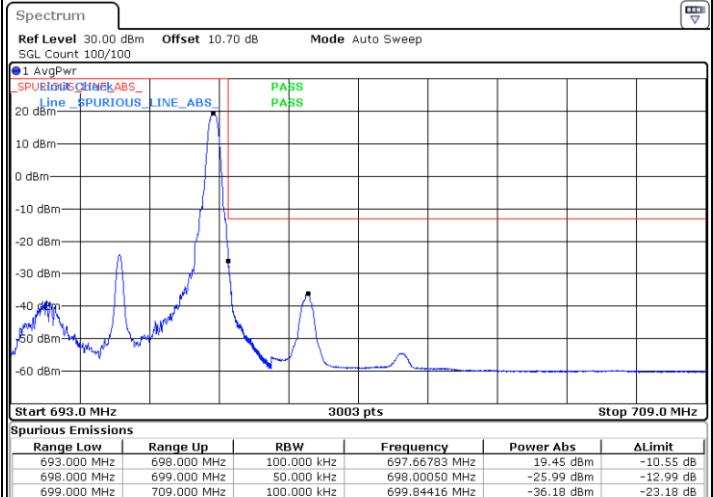
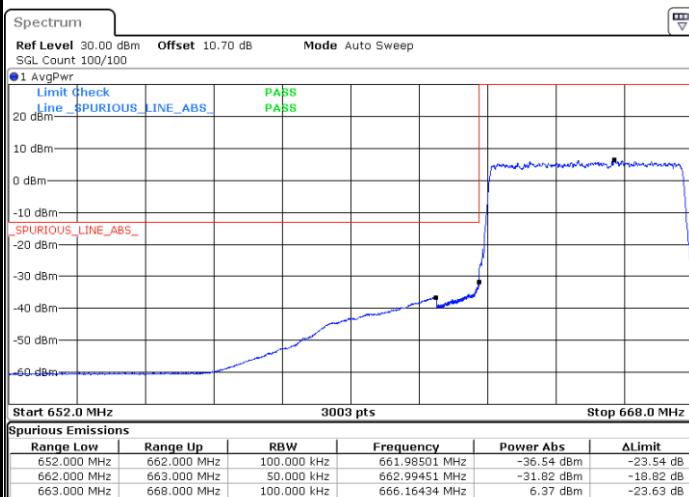
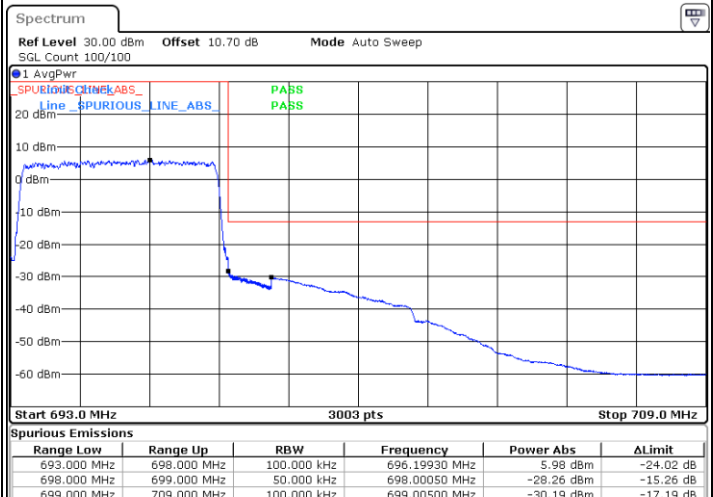


Date: 23 JAN 2020 18:42:37

Highest Channel / 20MHz / 64QAM



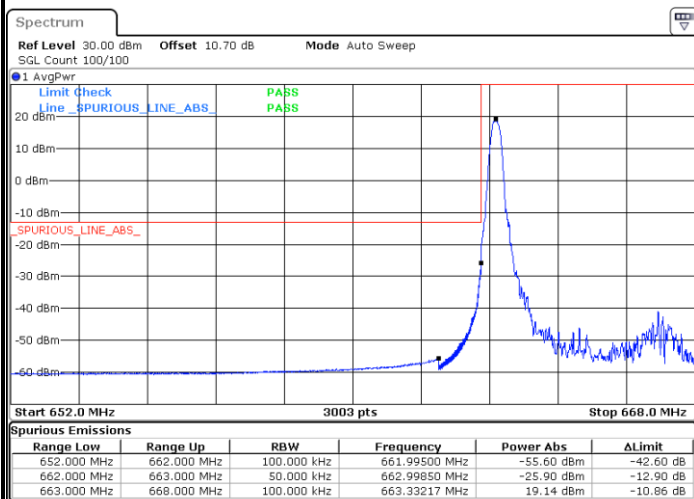
Date: 23 JAN 2020 19:00:18

**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**



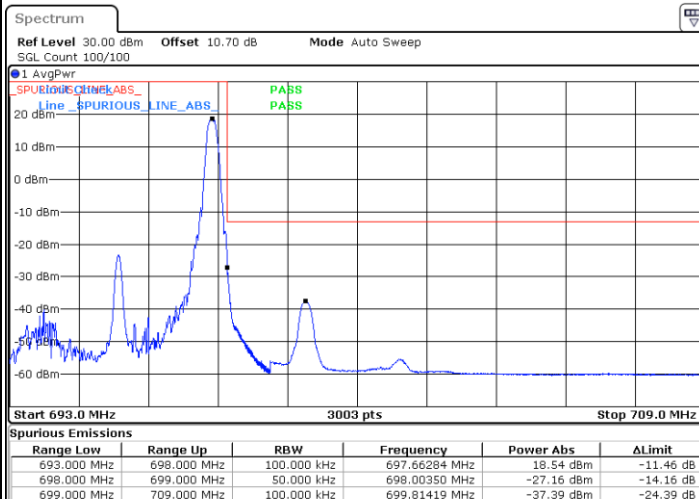
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



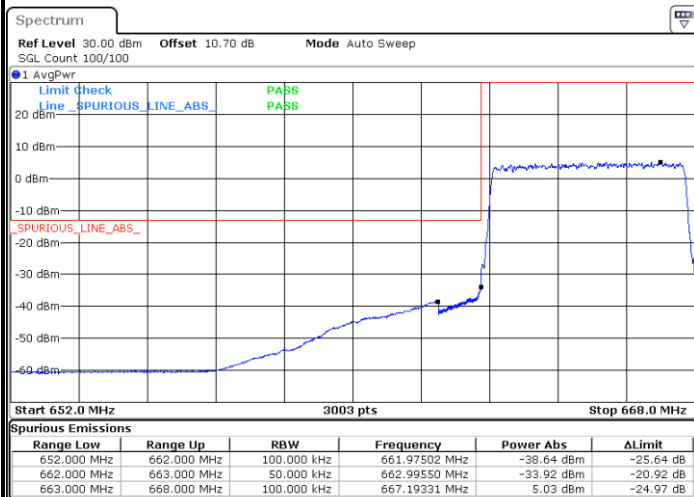
Date: 23 JAN 2020 19:10:45

Highest Band Edge / 1 RB



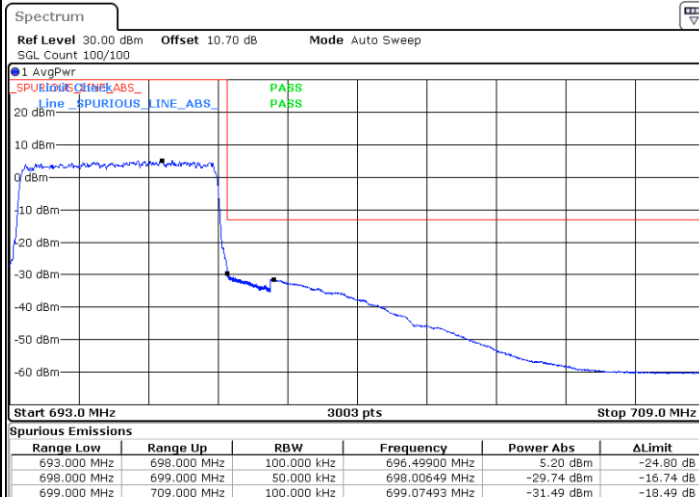
Date: 23 JAN 2020 18:00:52

Lowest Band Edge / Full RB



Date: 23 JAN 2020 17:55:13

Highest Band Edge / Full RB

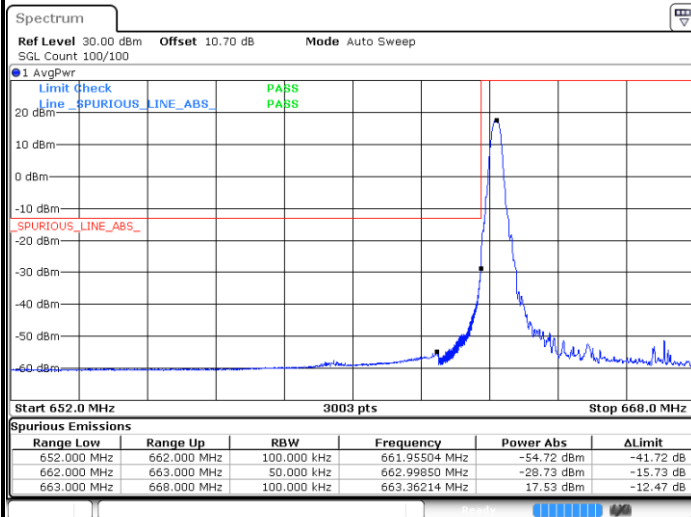


Date: 23 JAN 2020 18:02:16

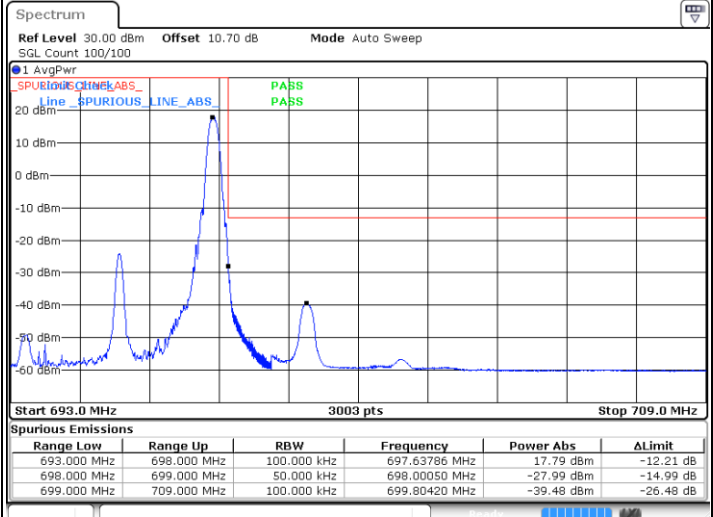


LTE Band 71 / 5MHz / 64QAM

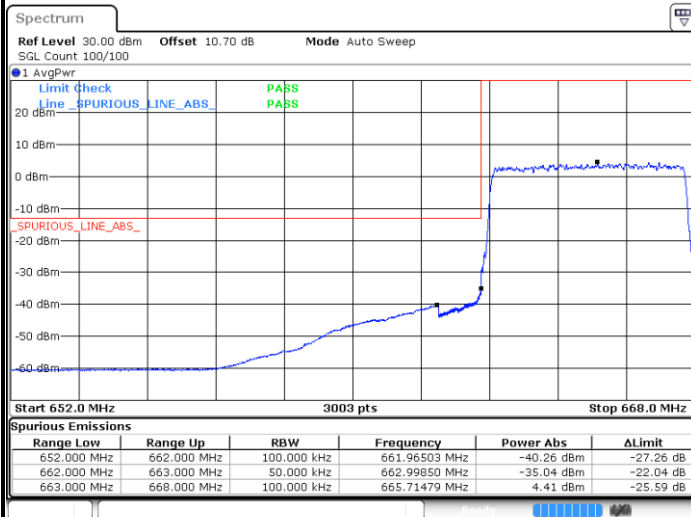
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



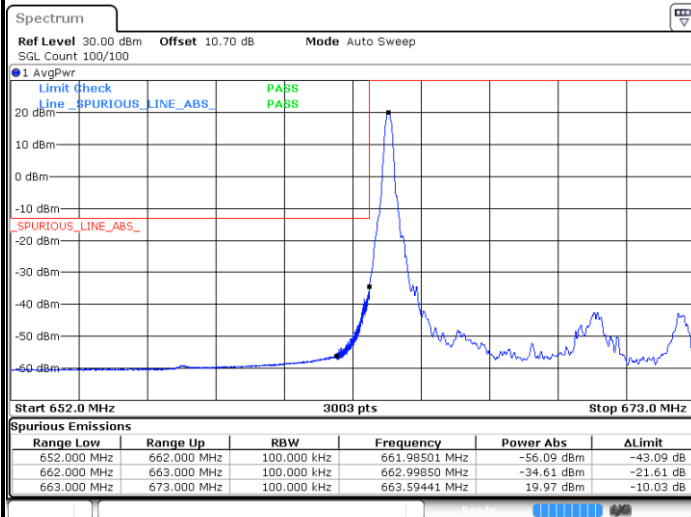
Highest Band Edge / Full RB



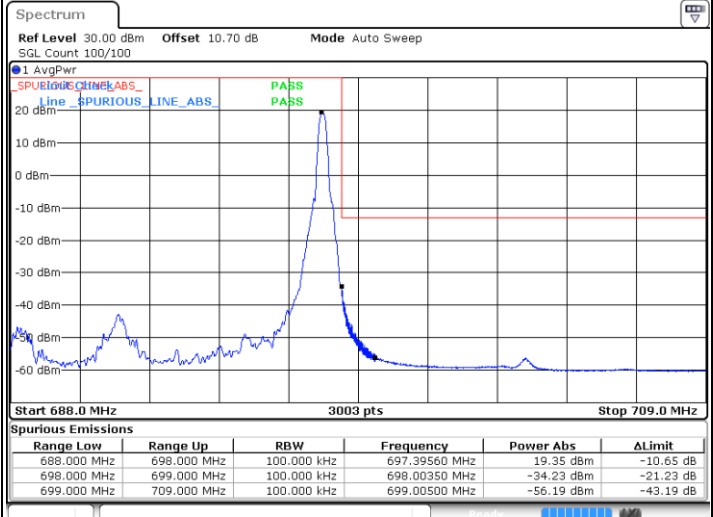


LTE Band 71 / 10MHz / QPSK

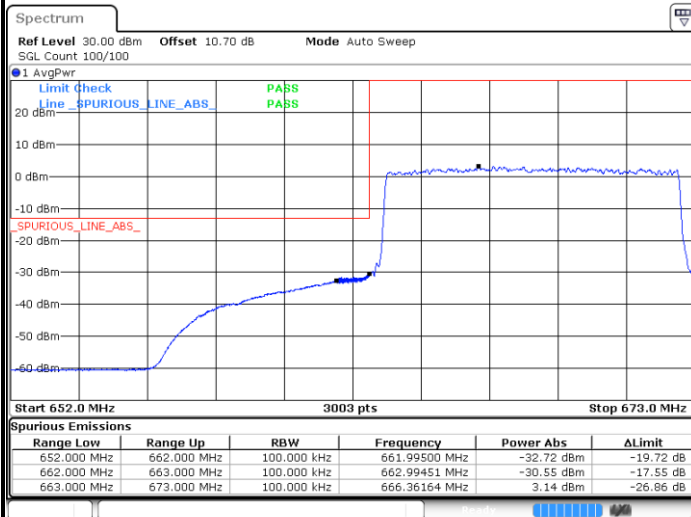
Lowest Band Edge / 1 RB



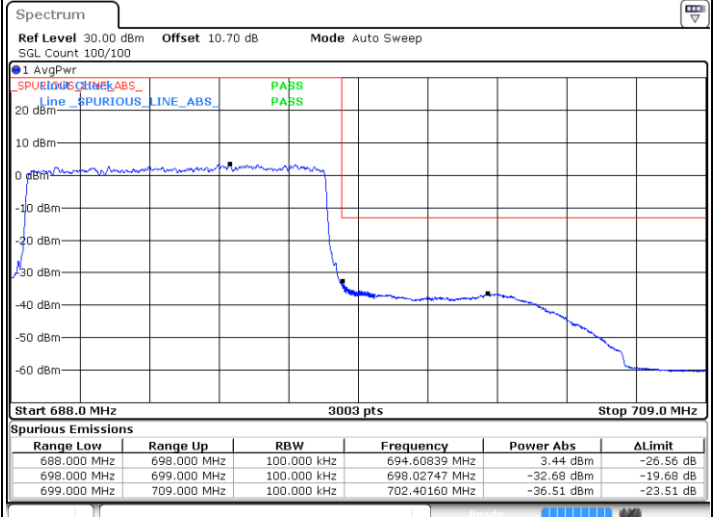
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



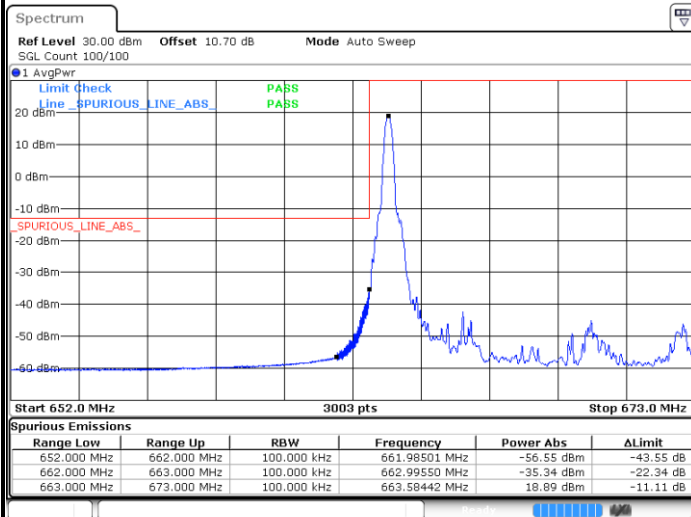
Highest Band Edge / Full RB



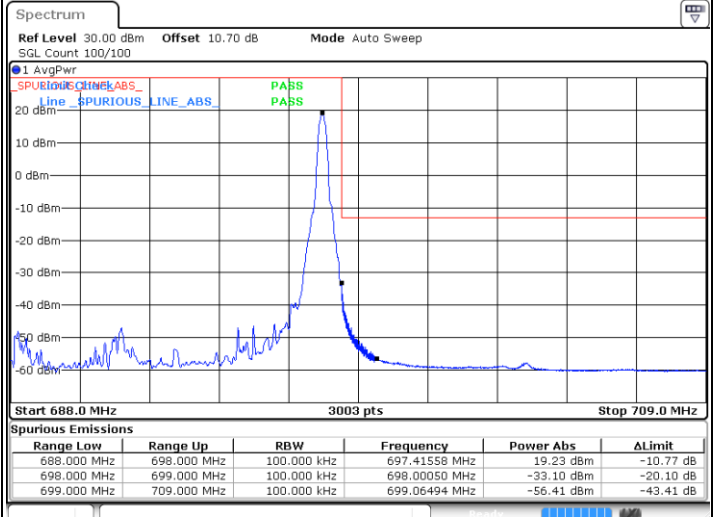


LTE Band 71 / 10MHz / 16QAM

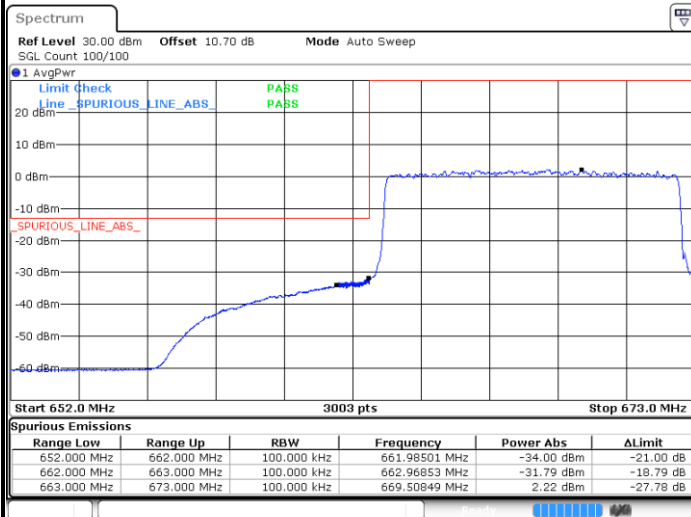
Lowest Band Edge / 1 RB



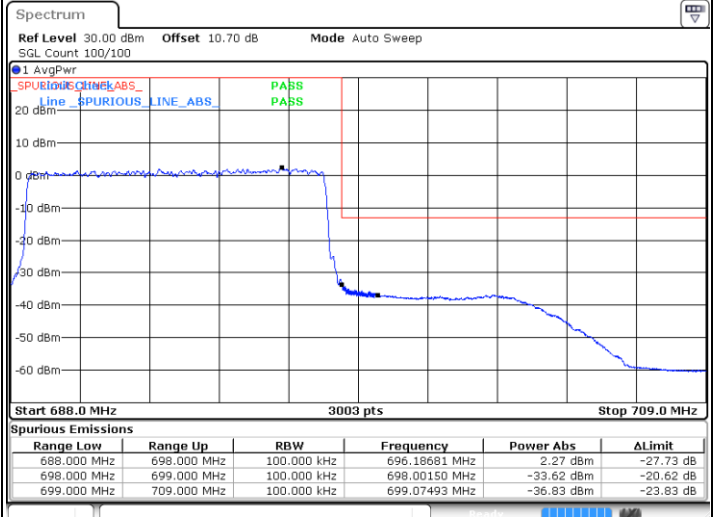
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



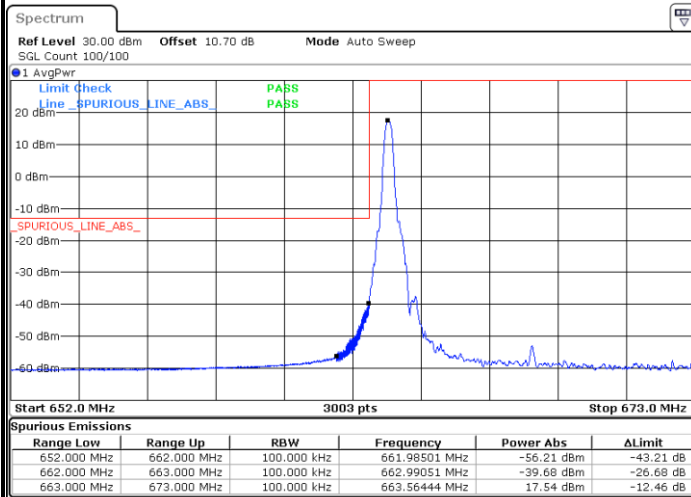
Highest Band Edge / Full RB



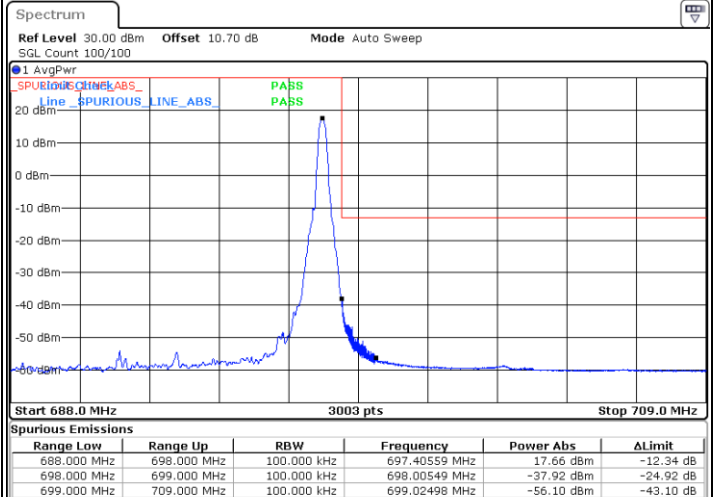


LTE Band 71 / 10MHz / 64QAM

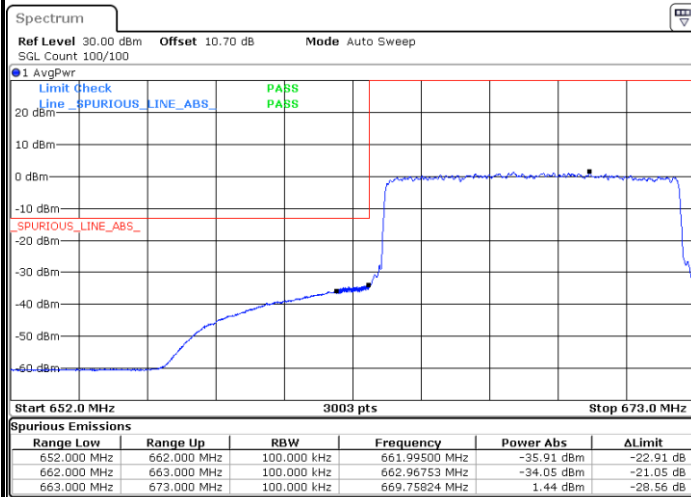
Lowest Band Edge / 1 RB



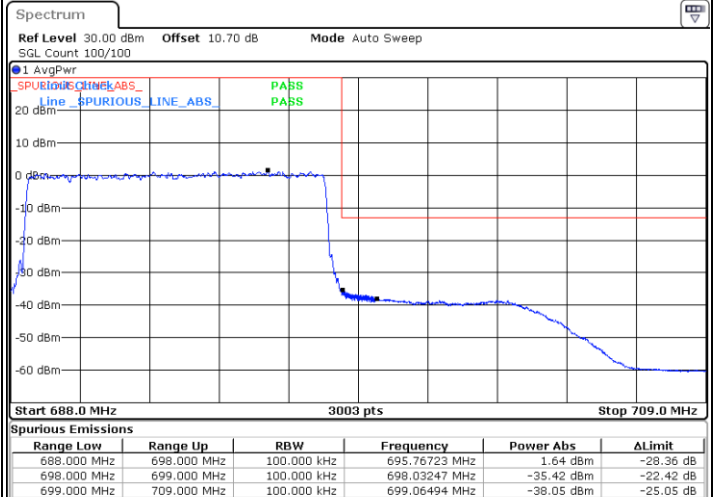
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



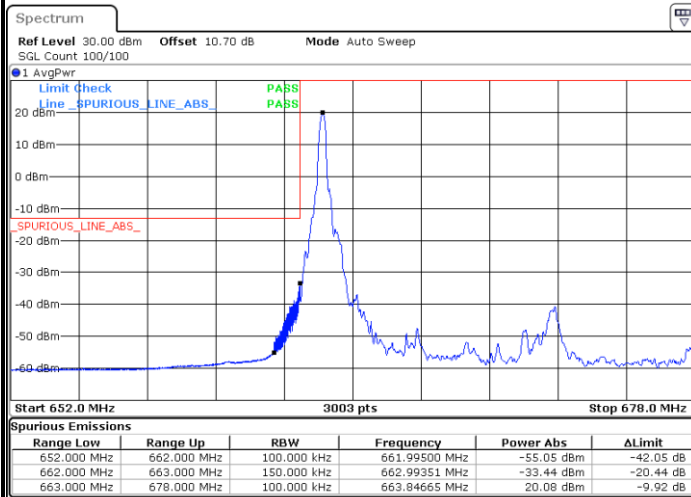
Highest Band Edge / Full RB



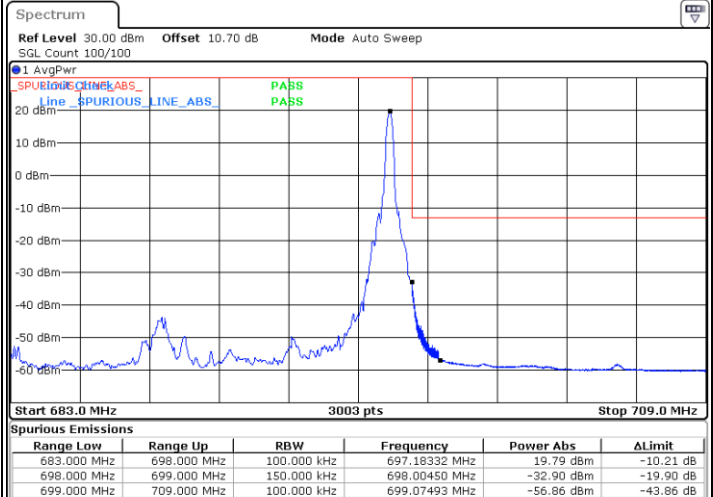


LTE Band 71 / 15MHz / QPSK

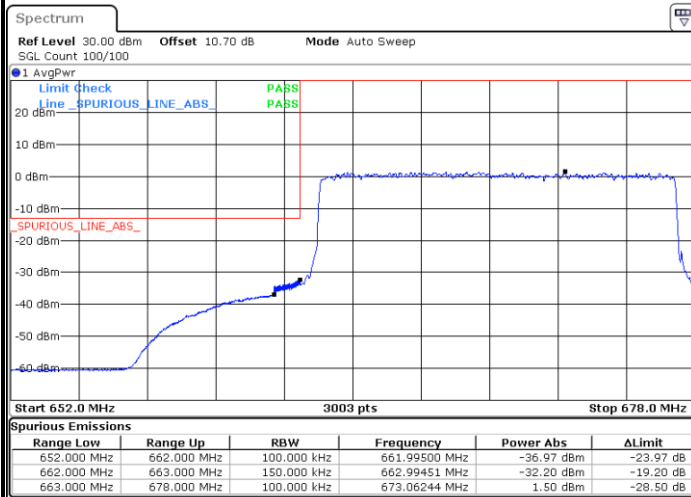
Lowest Band Edge / 1 RB



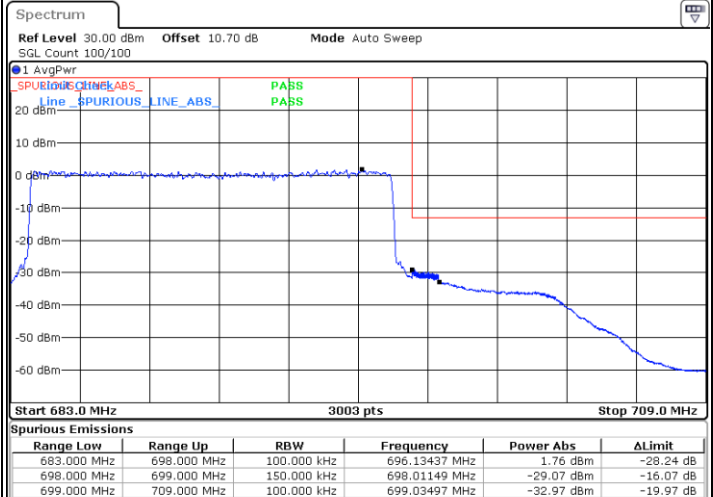
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



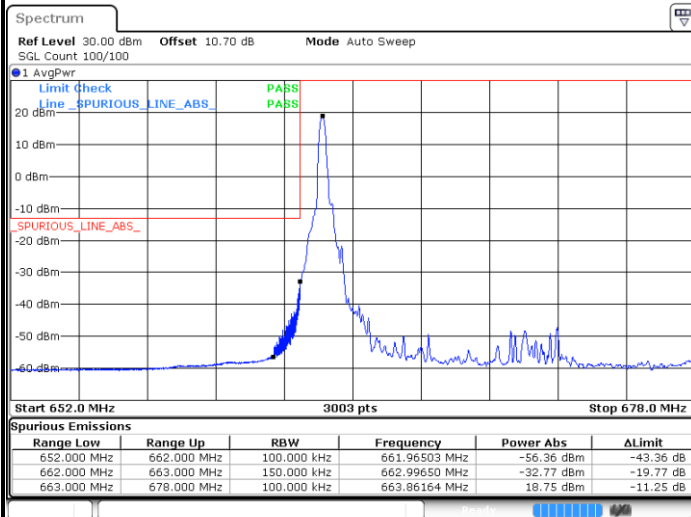
Highest Band Edge / Full RB



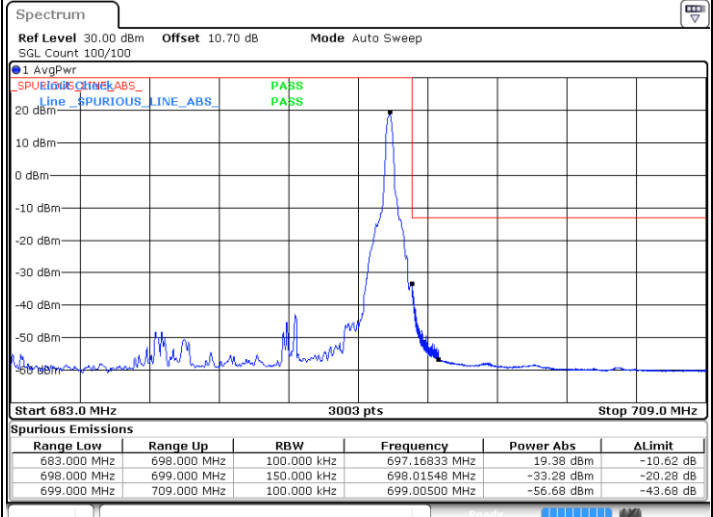


LTE Band 71 / 15MHz / 16QAM

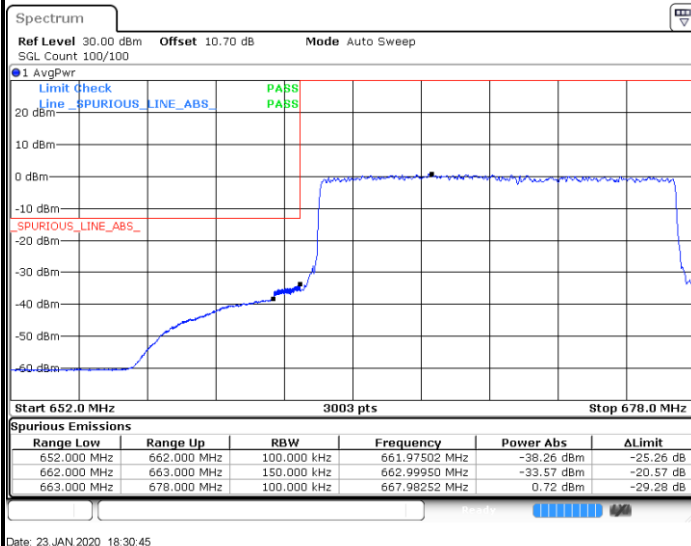
Lowest Band Edge / 1 RB



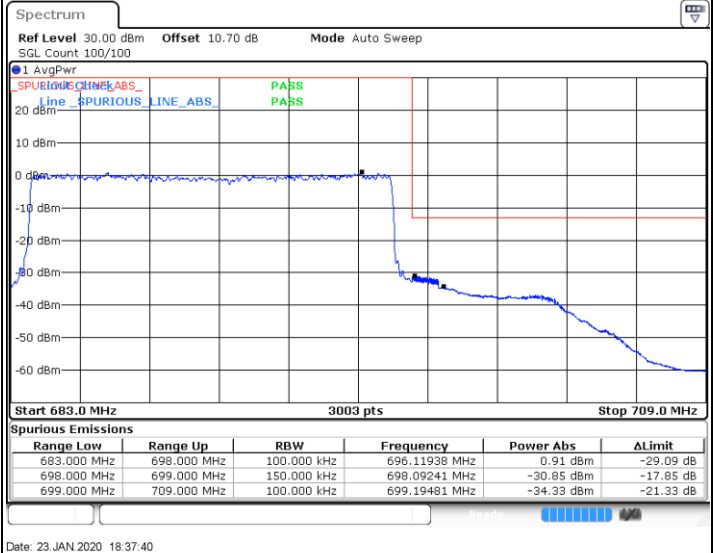
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



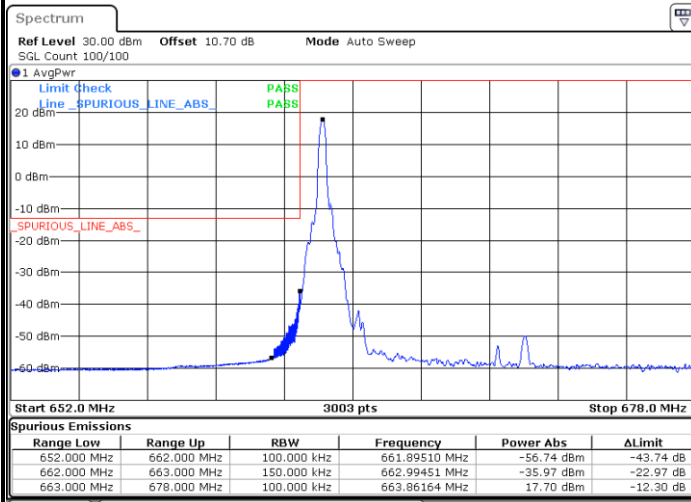
Highest Band Edge / Full RB



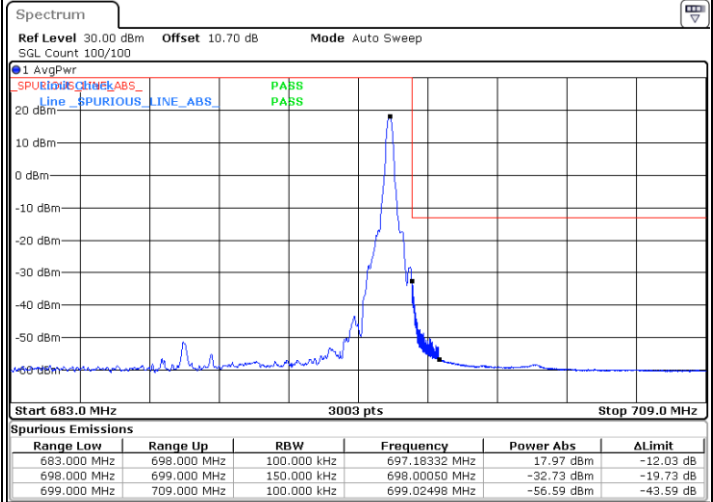


LTE Band 71 / 15MHz / 64QAM

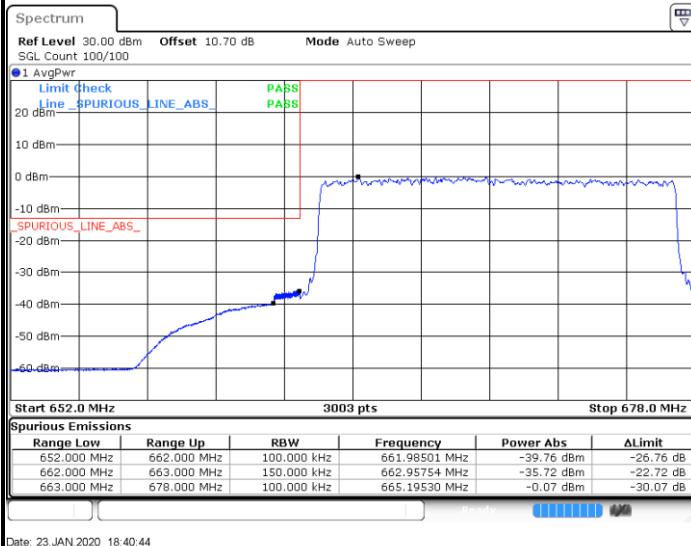
Lowest Band Edge / 1 RB



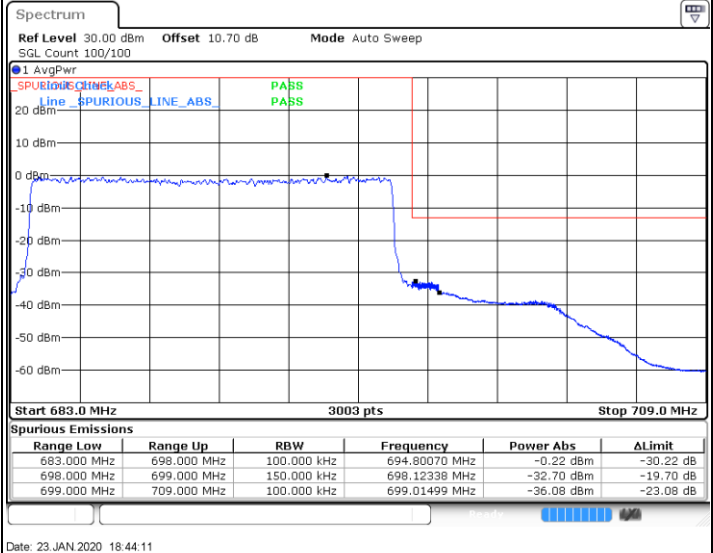
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



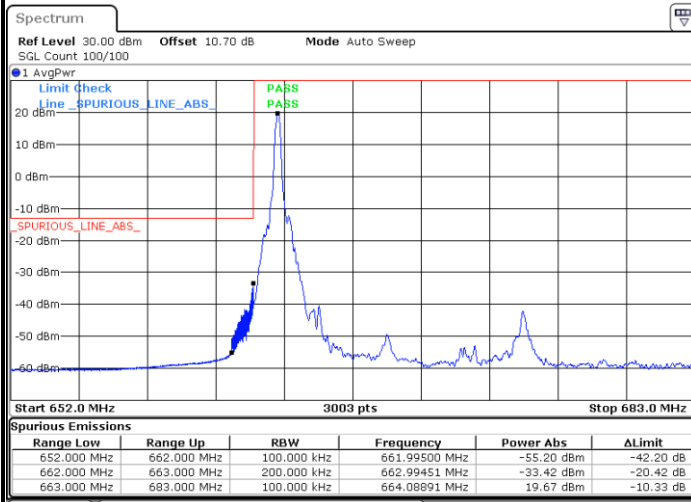
Highest Band Edge / Full RB



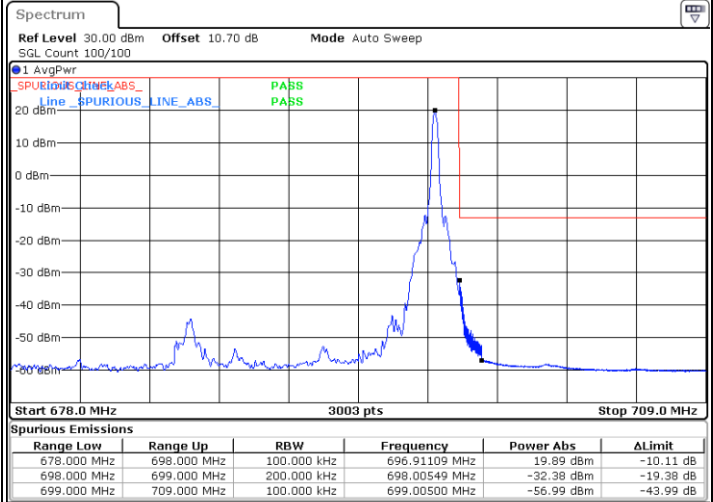


LTE Band 71 / 20MHz / QPSK

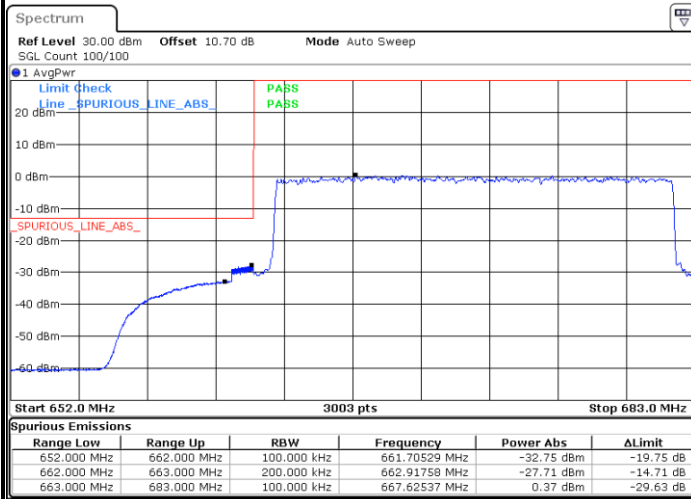
Lowest Band Edge / 1 RB



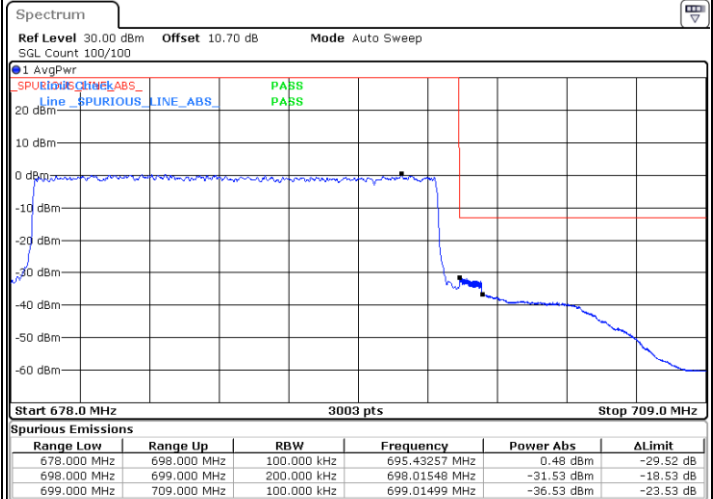
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



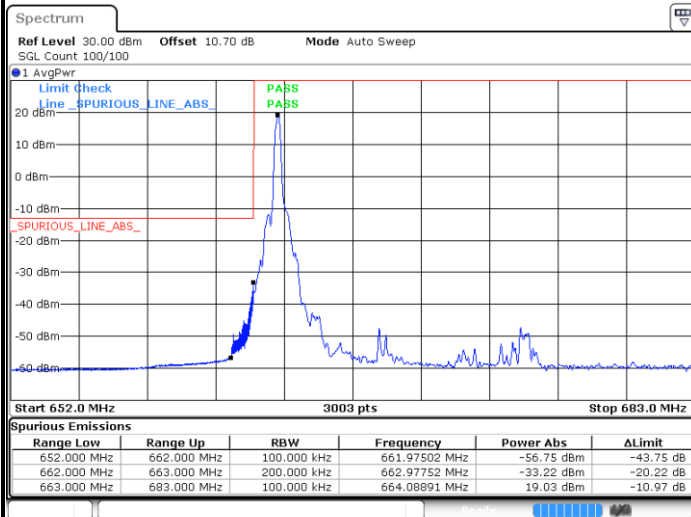
Highest Band Edge / Full RB



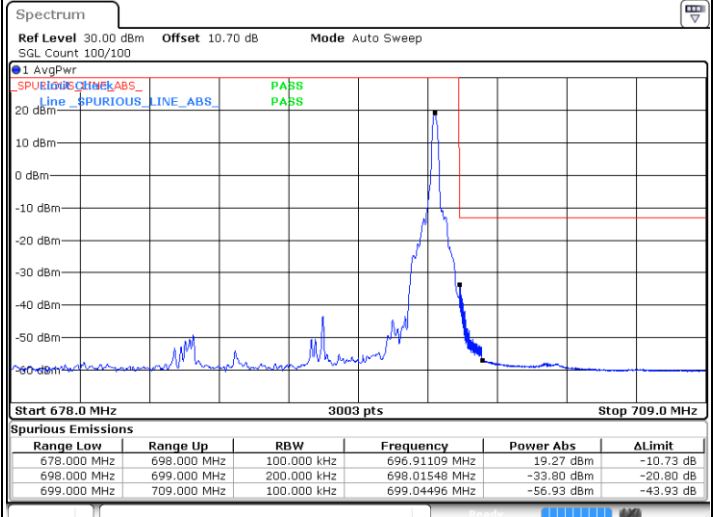


LTE Band 71 / 20MHz / 16QAM

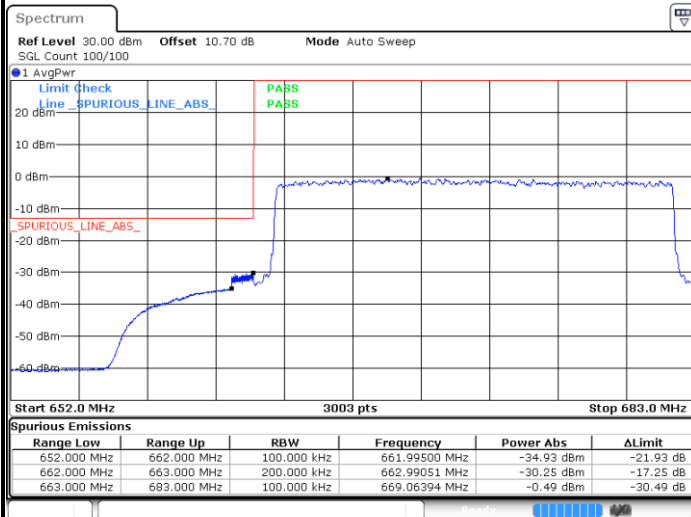
Lowest Band Edge / 1 RB



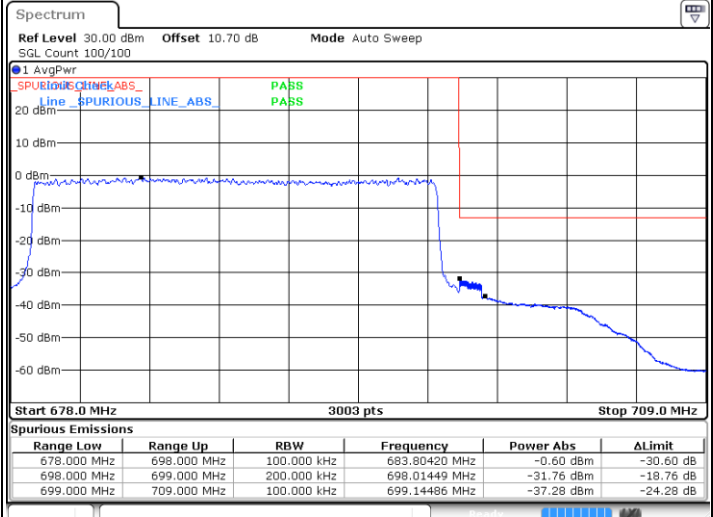
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



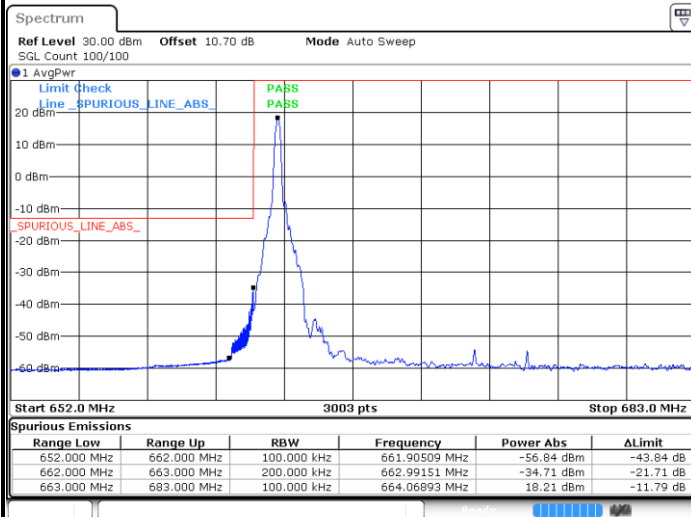
Highest Band Edge / Full RB



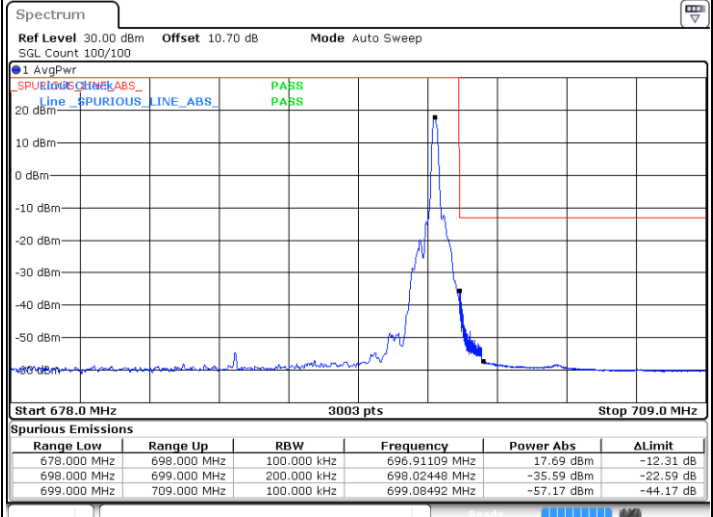


LTE Band 71 / 20MHz / 64QAM

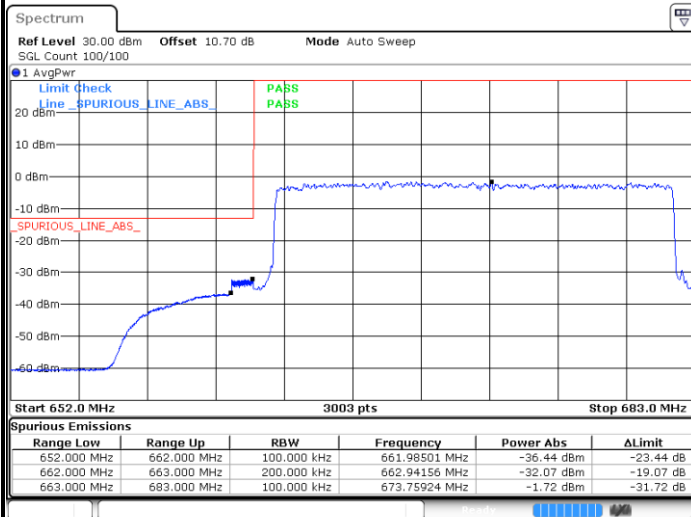
Lowest Band Edge / 1 RB



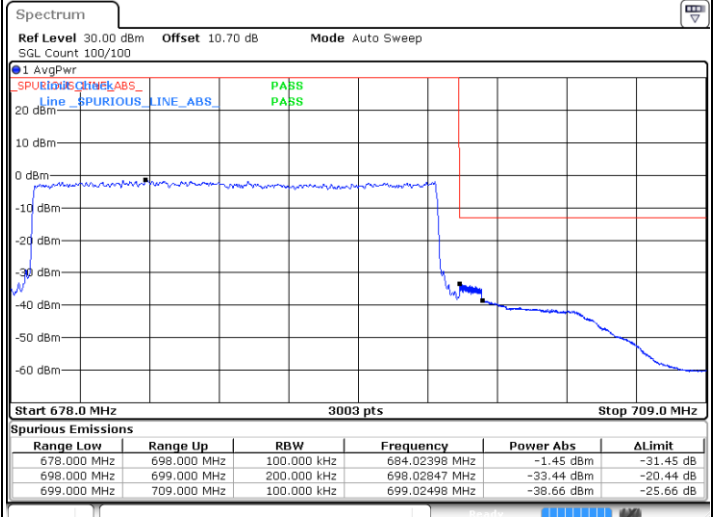
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

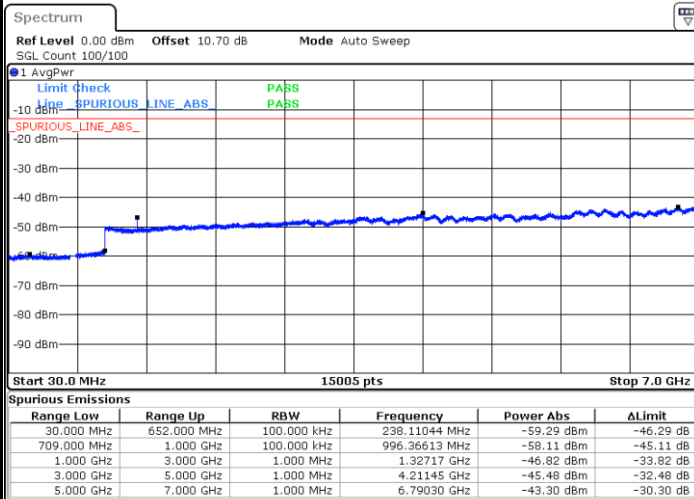




Conducted Spurious Emission

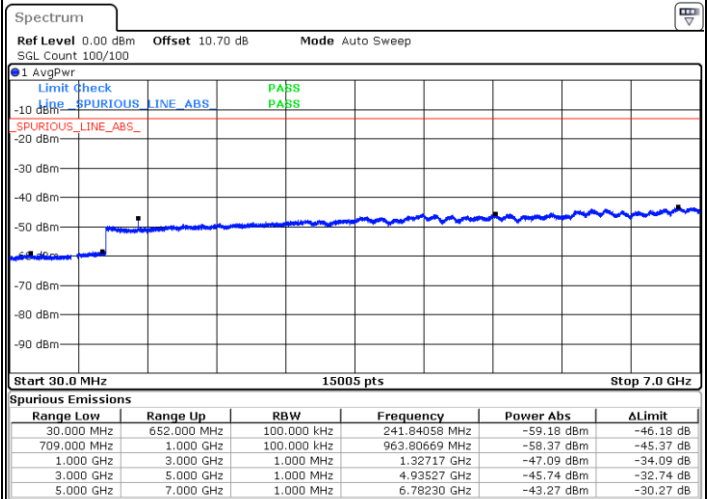
LTE Band 71 / 5MHz

Lowest Channel / QPSK



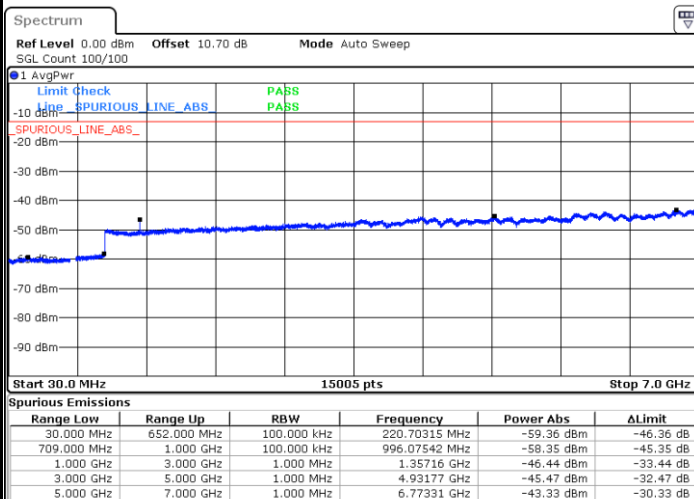
Date: 23 JAN 2020 17:55:53

Lowest Channel / 16QAM



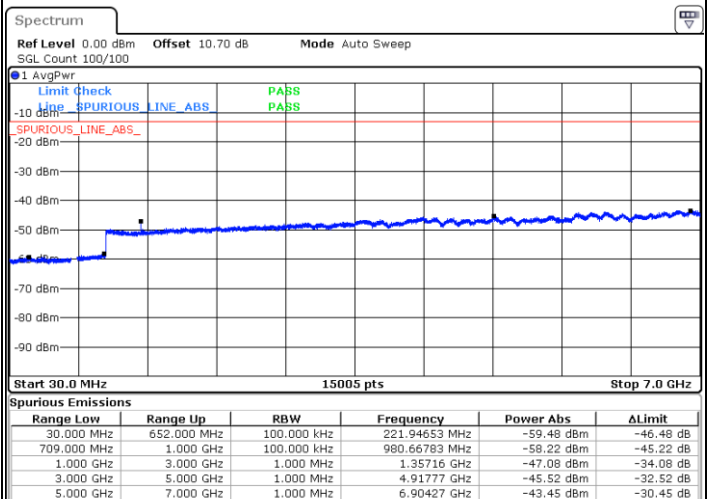
Date: 23 JAN 2020 17:56:33

Middle Channel / QPSK



Date: 23 JAN 2020 17:57:59

Middle Channel / 16QAM

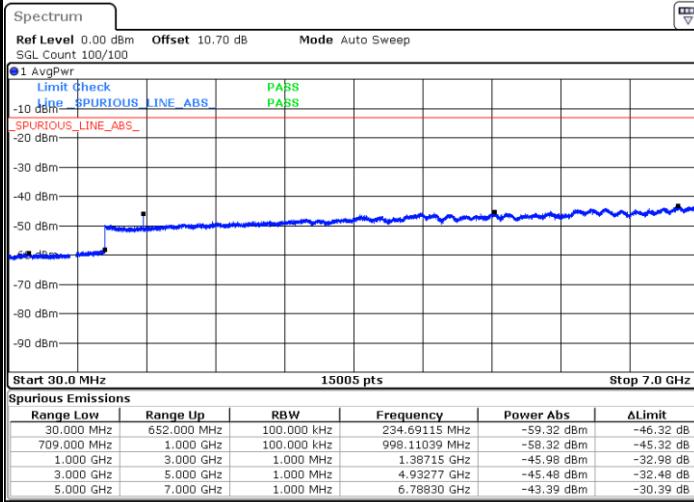


Date: 23 JAN 2020 17:58:39



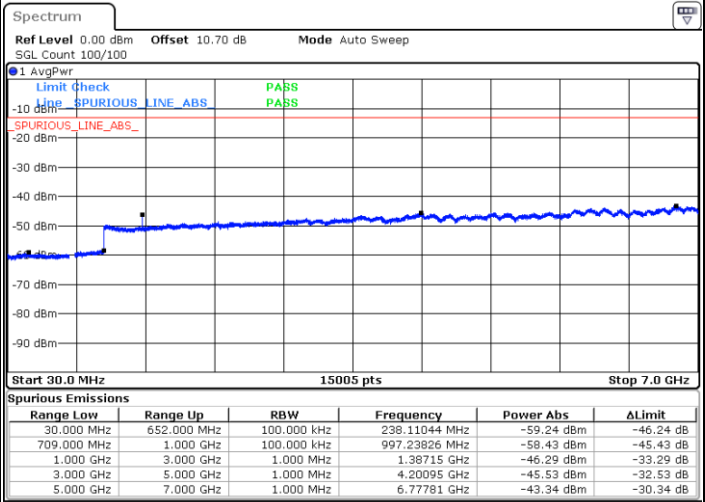
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 23 JAN 2020 18:02:56

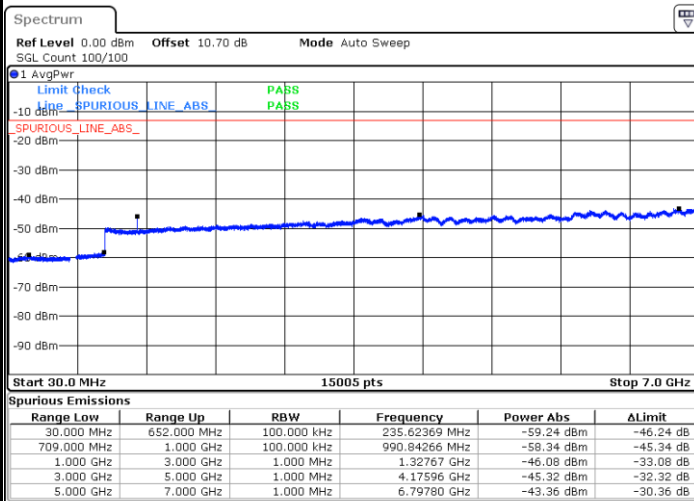
Highest Channel / 16QAM



Date: 23 JAN 2020 18:03:35

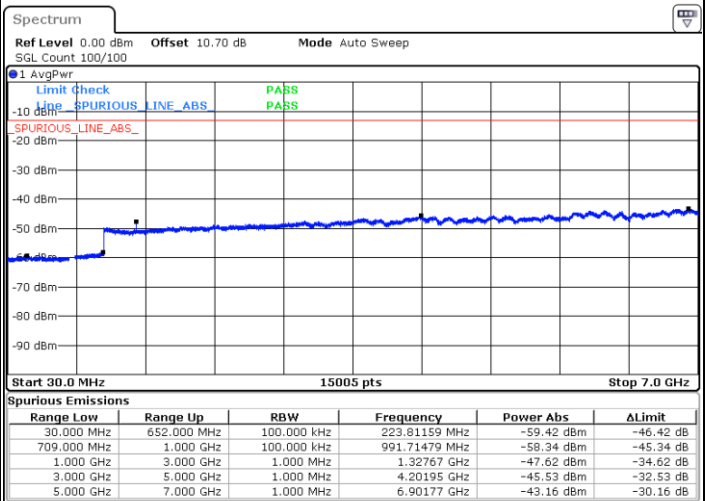
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 23 JAN 2020 18:13:45

Lowest Channel / 16QAM

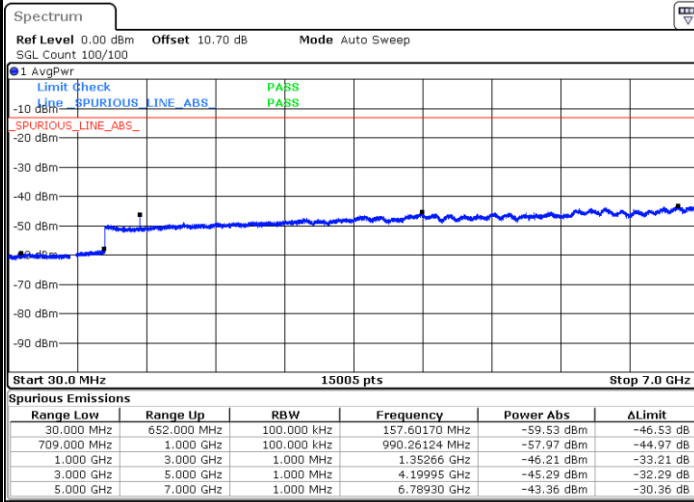


Date: 23 JAN 2020 18:14:25



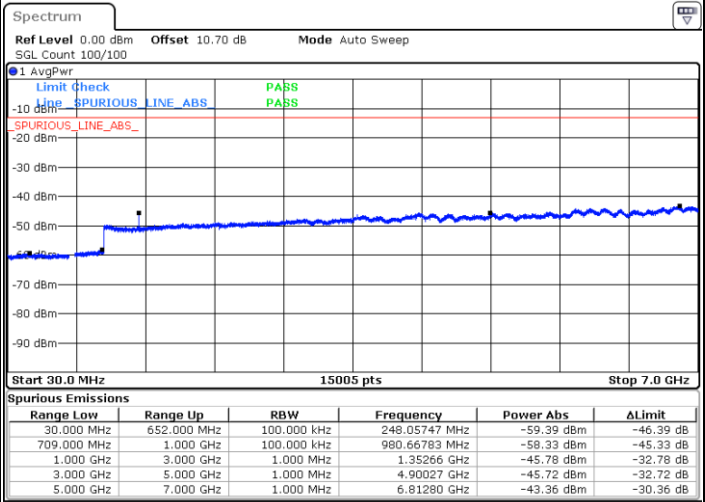
LTE Band 71 / 10MHz

Middle Channel / QPSK



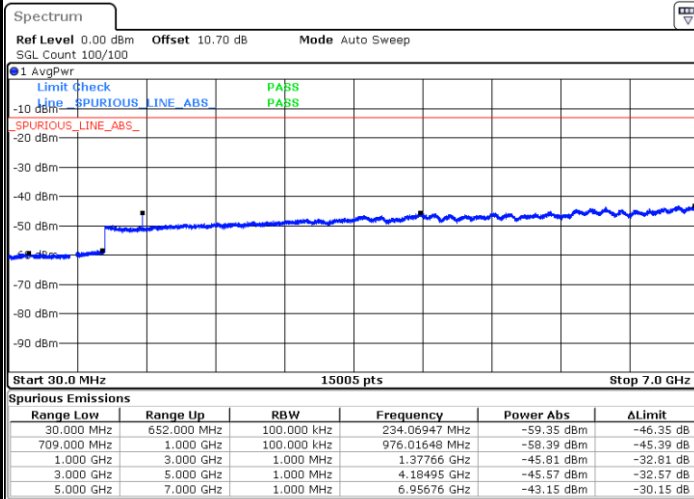
Date: 23 JAN 2020 18:15:51

Middle Channel / 16QAM



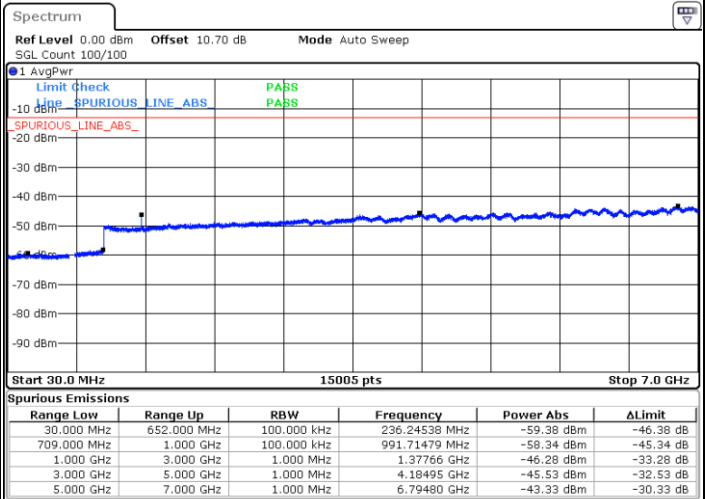
Date: 23 JAN 2020 18:16:30

Highest Channel / QPSK



Date: 23 JAN 2020 18:20:41

Highest Channel / 16QAM

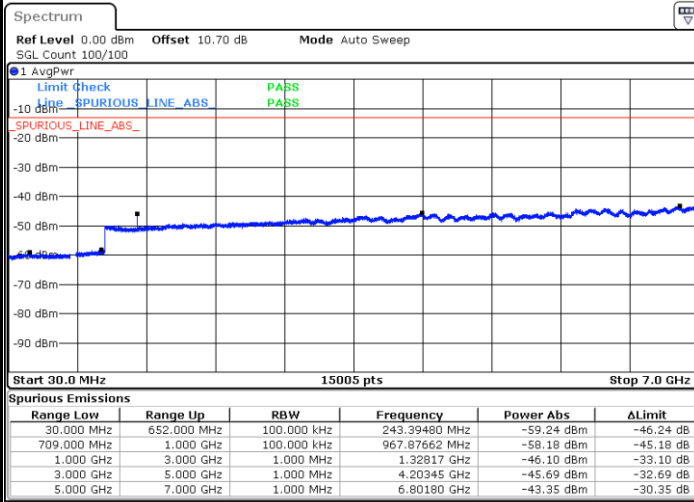


Date: 23 JAN 2020 18:21:21



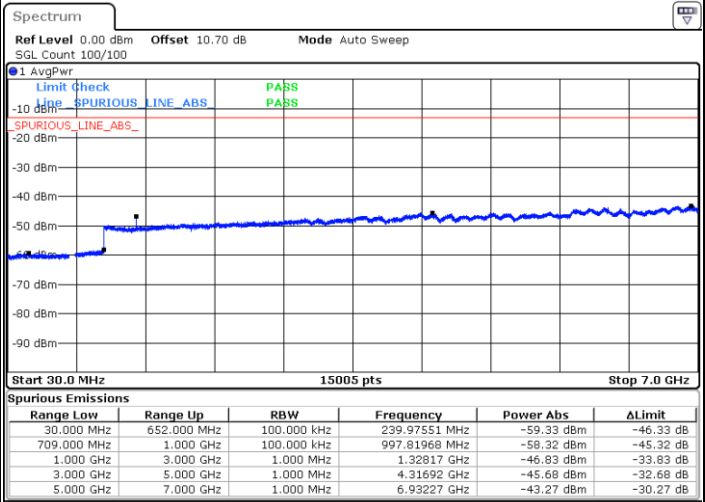
LTE Band 71 / 15MHz

Lowest Channel / QPSK



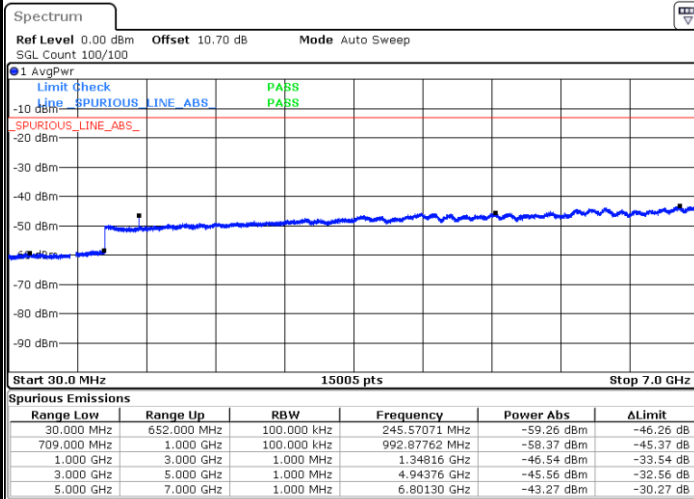
Date: 23 JAN 2020 18:31:25

Lowest Channel / 16QAM



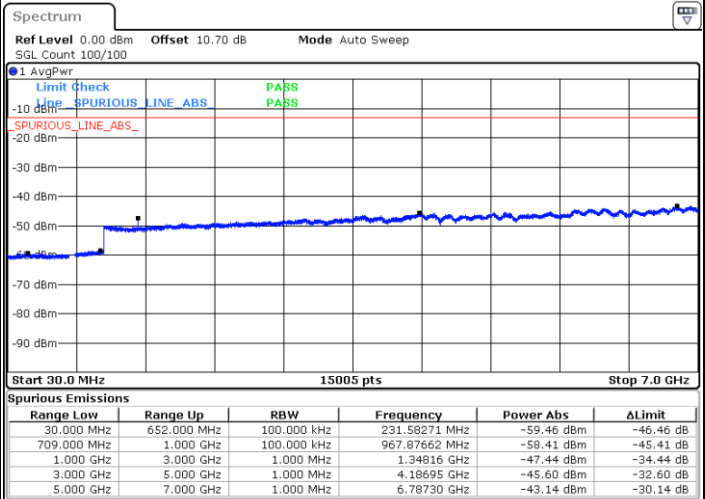
Date: 23 JAN 2020 18:32:05

Middle Channel / QPSK



Date: 23 JAN 2020 18:33:30

Middle Channel / 16QAM

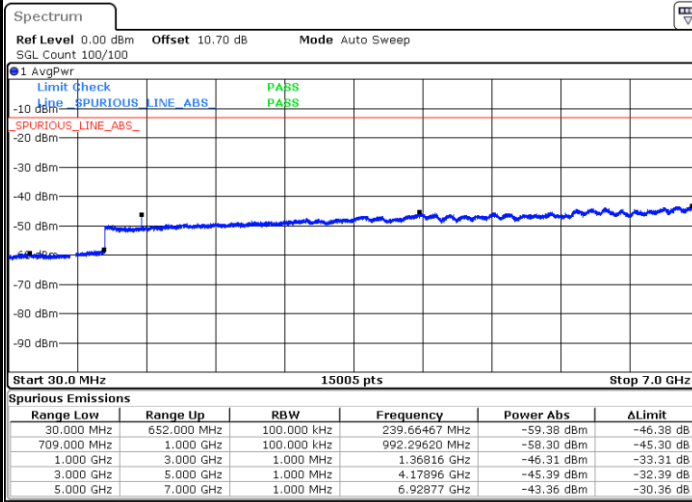


Date: 23 JAN 2020 18:34:09



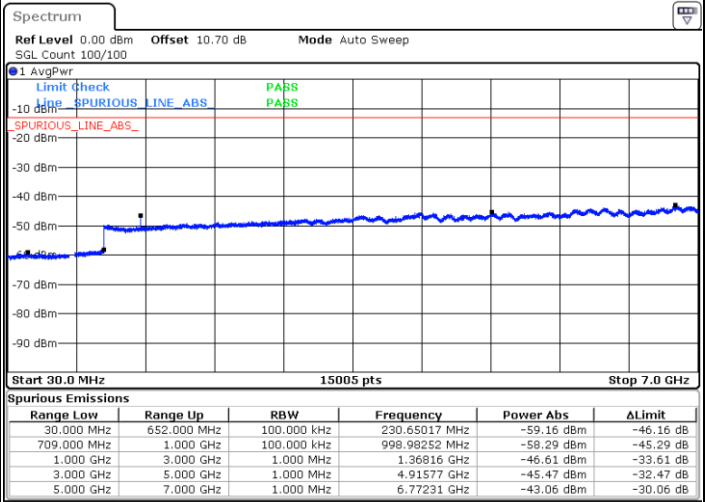
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 23 JAN 2020 18:38:19

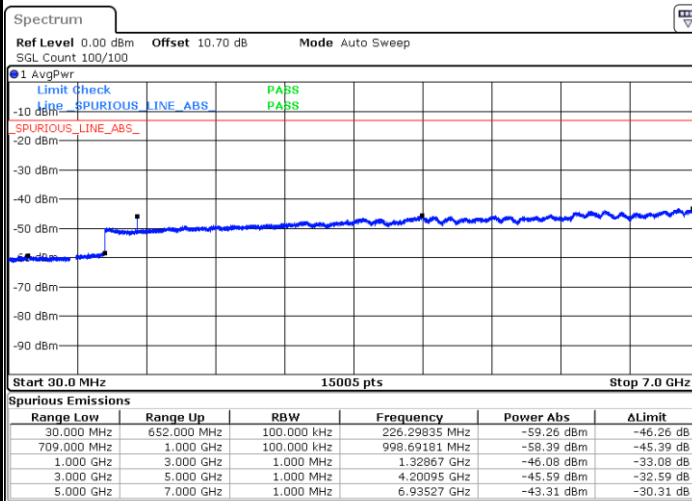
Highest Channel / 16QAM



Date: 23 JAN 2020 18:38:59

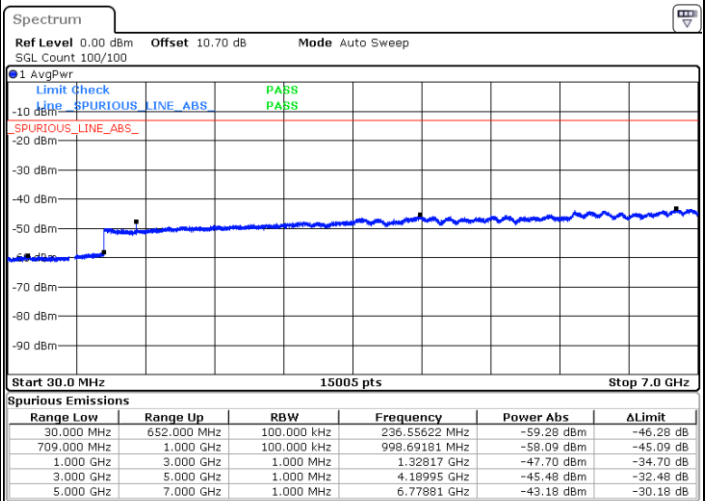
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 23 JAN 2020 18:49:03

Lowest Channel / 16QAM

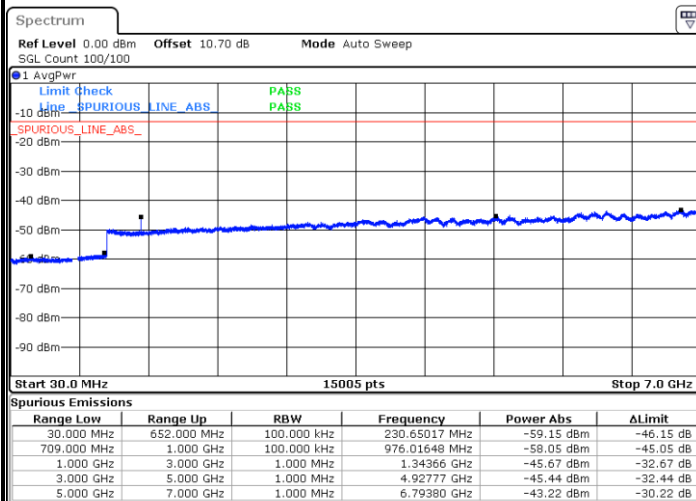


Date: 23 JAN 2020 18:49:42



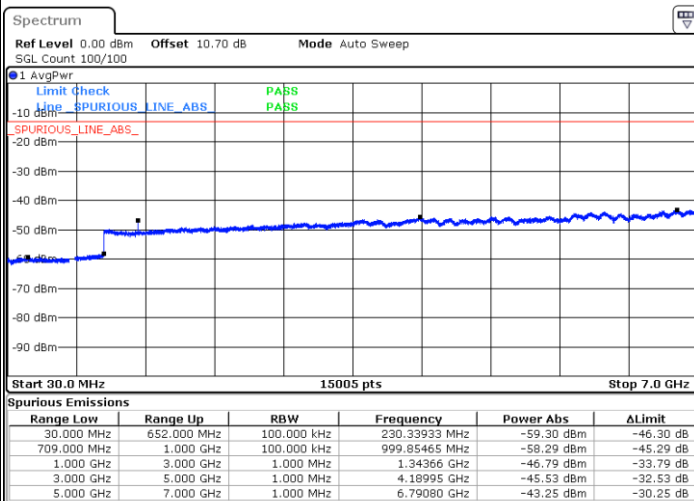
LTE Band 71 / 20MHz

Middle Channel / QPSK



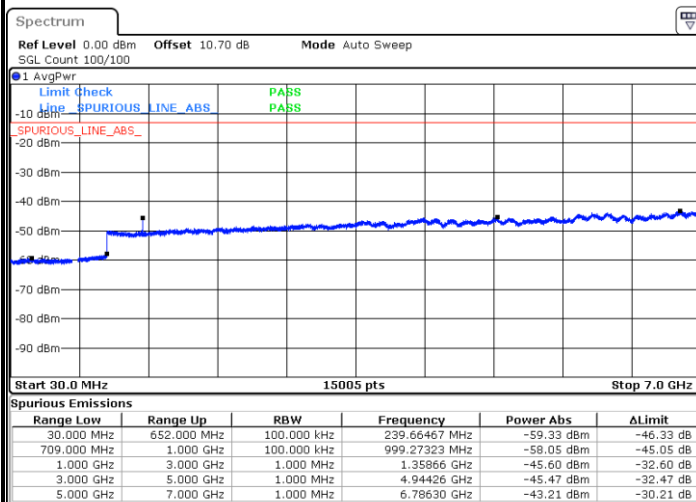
Date: 23 JAN 2020 18:51:08

Middle Channel / 16QAM



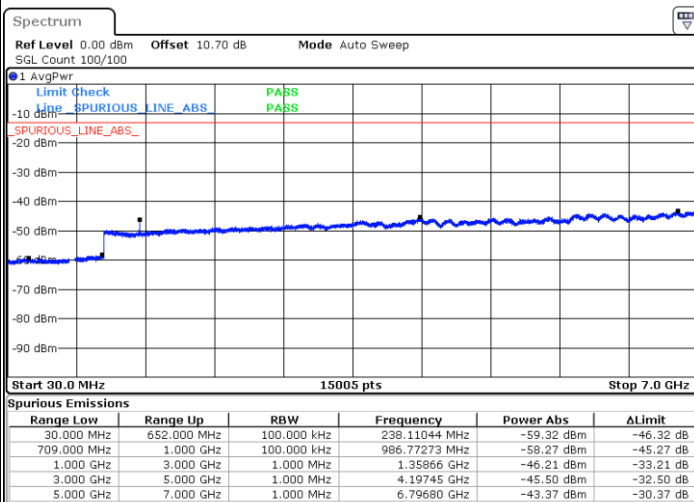
Date: 23 JAN 2020 18:51:48

Highest Channel / QPSK



Date: 23 JAN 2020 18:55:58

Highest Channel / 16QAM

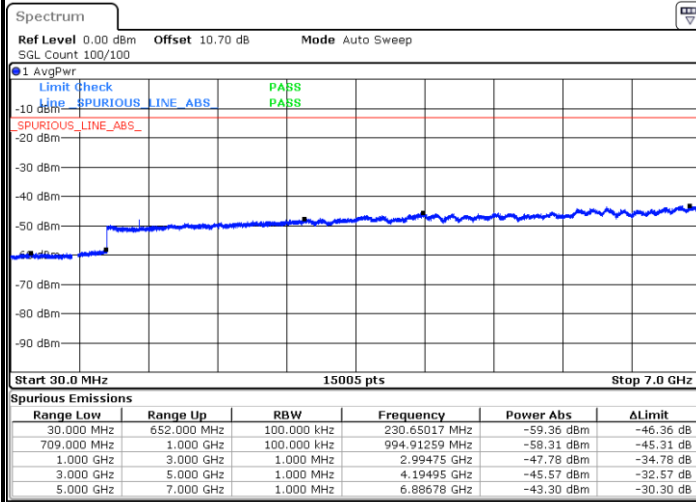


Date: 23 JAN 2020 18:56:38



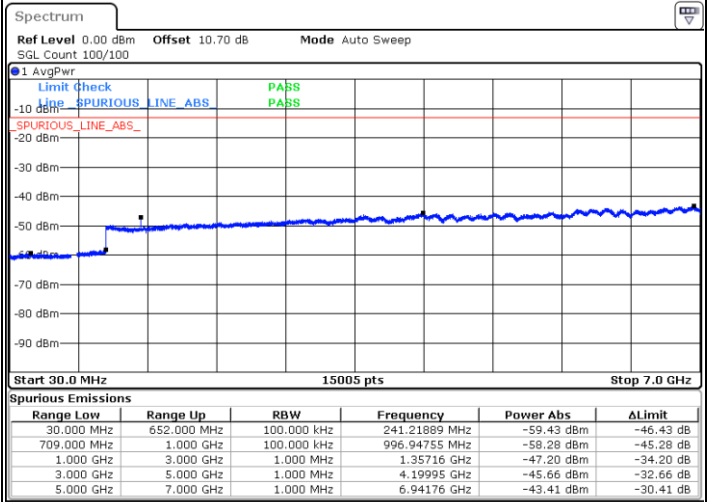
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



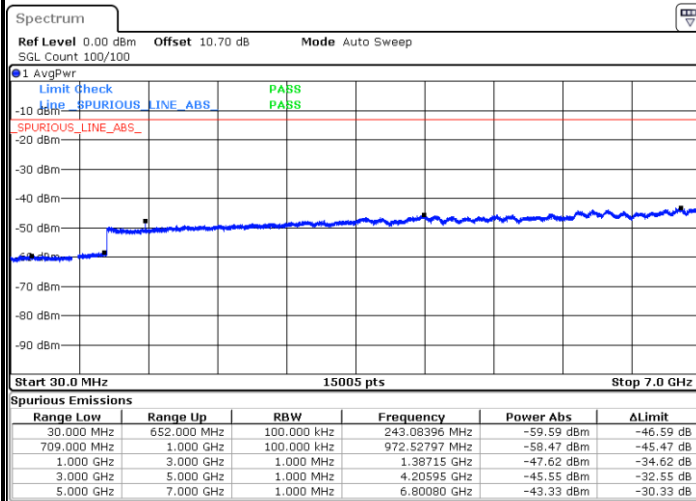
Date: 23 JAN 2020 18:06:02

Middle Channel / 64QAM



Date: 23 JAN 2020 18:07:05

Highest Channel / 64QAM

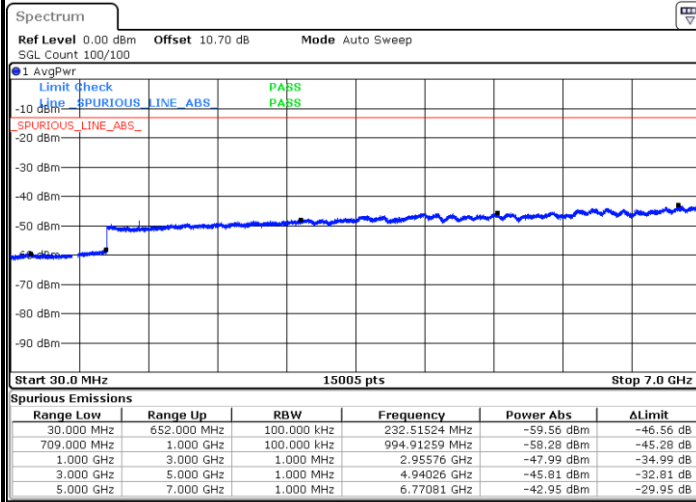


Date: 23 JAN 2020 18:09:34



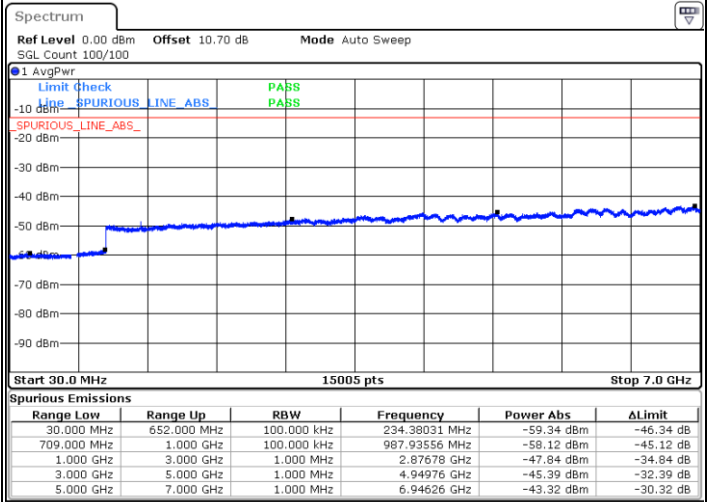
LTE Band 71 / 10MHz

Lowest Channel / 64QAM



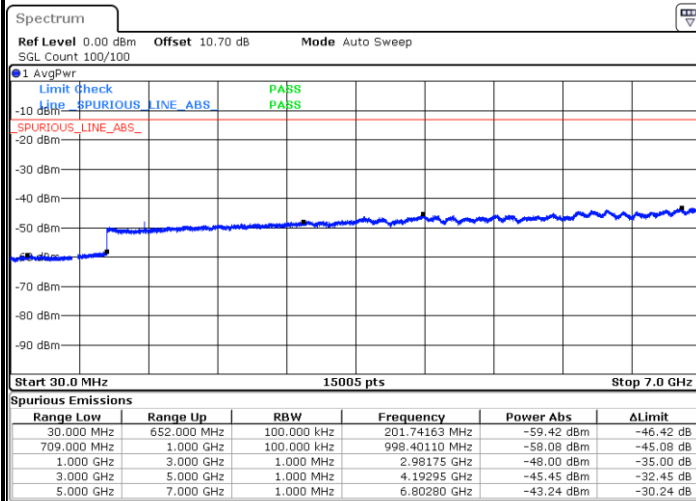
Date: 23 JAN 2020 18:23:46

Middle Channel / 64QAM



Date: 23 JAN 2020 18:24:49

Highest Channel / 64QAM

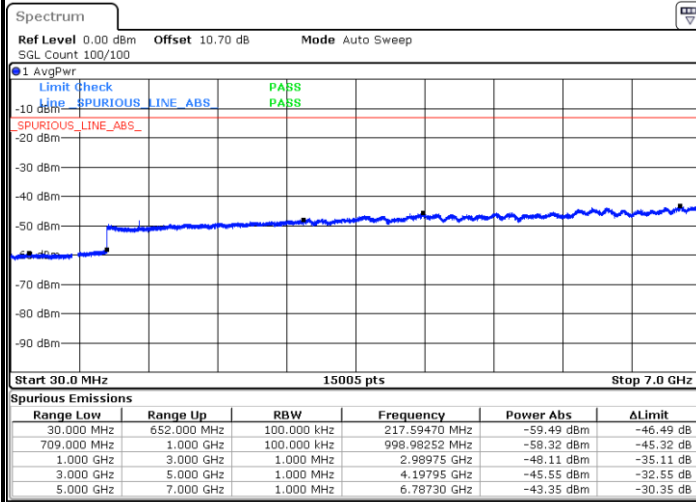


Date: 23 JAN 2020 18:27:13



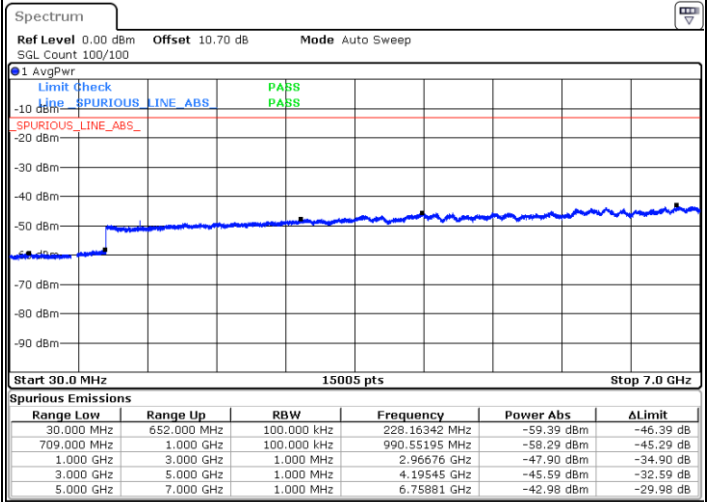
LTE Band 71 / 15MHz

Lowest Channel / 64QAM



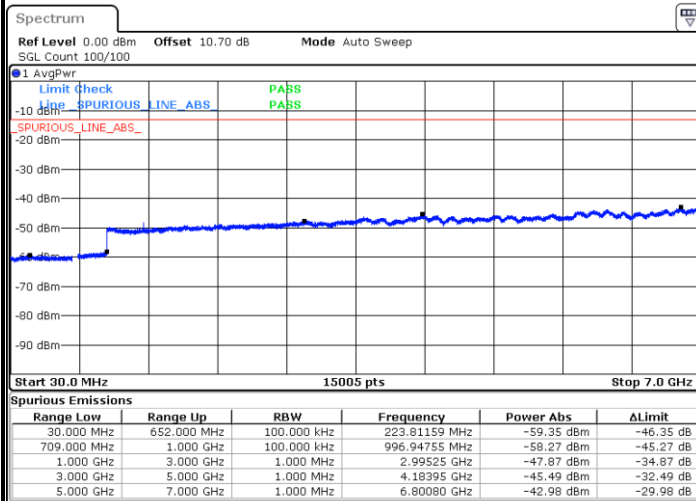
Date: 23 JAN 2020 18:41:24

Middle Channel / 64QAM



Date: 23 JAN 2020 18:42:26

Highest Channel / 64QAM

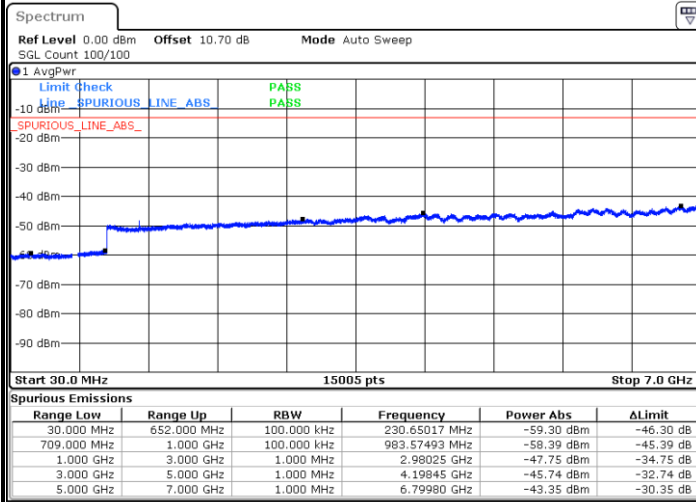


Date: 23 JAN 2020 18:44:51



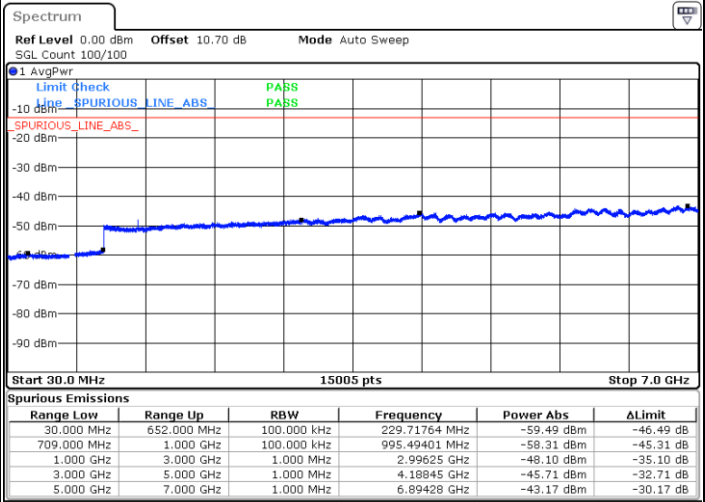
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



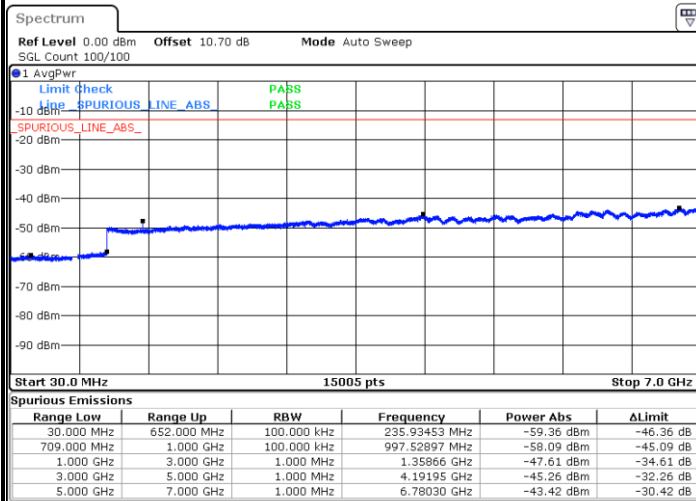
Date: 23 JAN 2020 18:59:04

Middle Channel / 64QAM



Date: 23 JAN 2020 19:00:06

Highest Channel / 64QAM



Date: 23 JAN 2020 19:02:32

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	0.0012	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0103	
-30	Normal Voltage	0.0100	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0098	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



FR1 n2_Ant. 3

Peak-to-Average Ratio

Mode	FR1 n2 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK		QPSK		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.28	4.90	5.80	6.06	PASS
Middle CH	5.10	4.67	5.97	6.03	
Highest CH	5.74	4.96	6.26	6.06	
Mode	FR1 n2 / 20MHz / DFT-S OFDM				
Mod.	16QAM		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	7.71	6.99	7.97	7.13	PASS
Middle CH	7.77	7.01	8.26	7.19	
Highest CH	7.77	6.99	8.03	7.25	
Mode	FR1 n2 / 20MHz / DFT-S OFDM				
Mod.	256QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	7.59	7.36	-	-	PASS
Middle CH	7.51	7.30	-	-	
Highest CH	7.68	7.04	-	-	