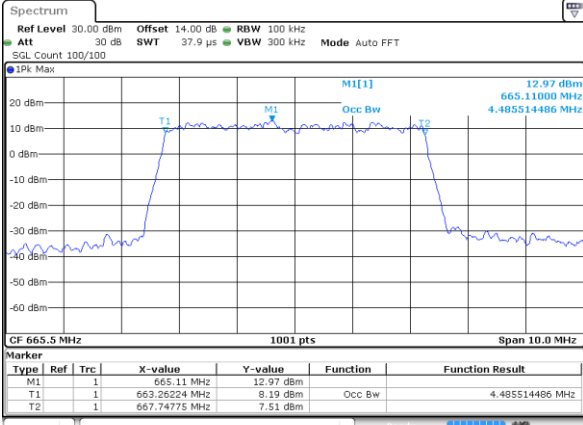




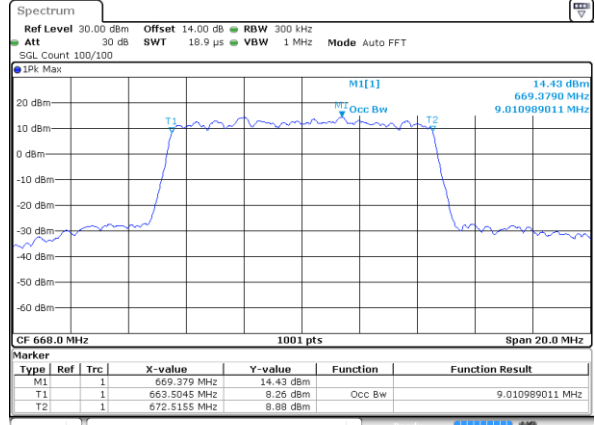
LTE Band 71

Lowest Channel / 5MHz / 64QAM



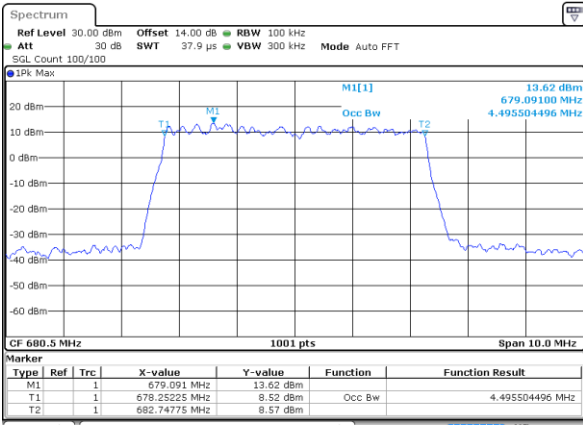
Date: 3 DEC 2019 04:59:33

Lowest Channel / 10MHz / 64QAM



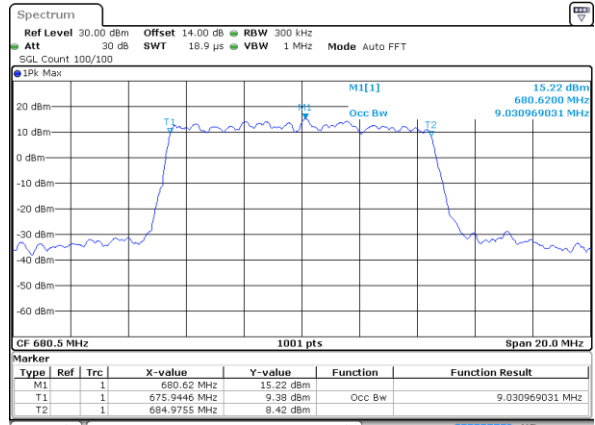
Date: 3 DEC 2019 06:42:54

Middle Channel / 5MHz / 64QAM



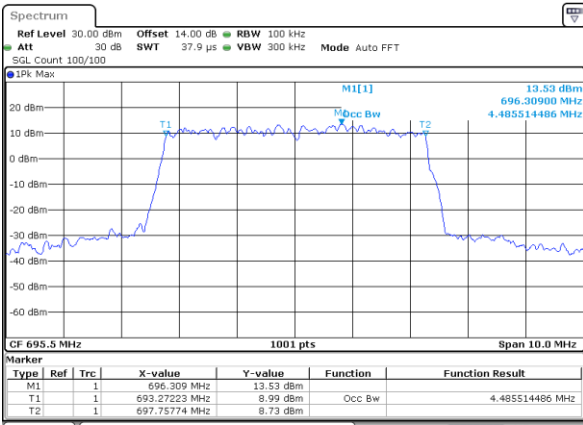
Date: 3 DEC 2019 05:55:43

Middle Channel / 10MHz / 64QAM



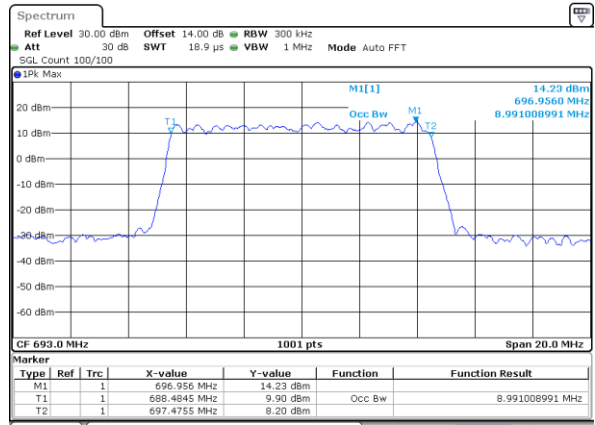
Date: 3 DEC 2019 05:59:16

Highest Channel / 5MHz / 64QAM



Date: 3 DEC 2019 05:37:27

Highest Channel / 10MHz / 64QAM

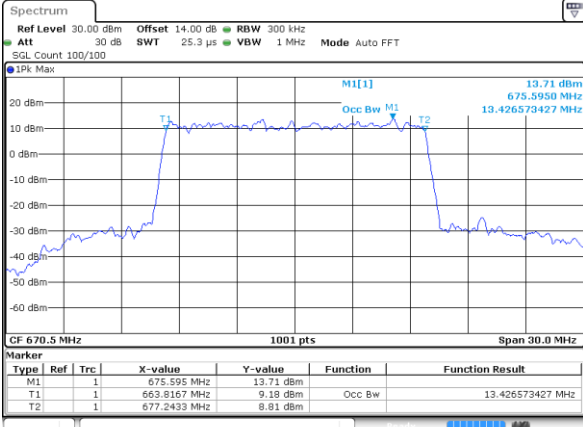


Date: 3 DEC 2019 06:44:33



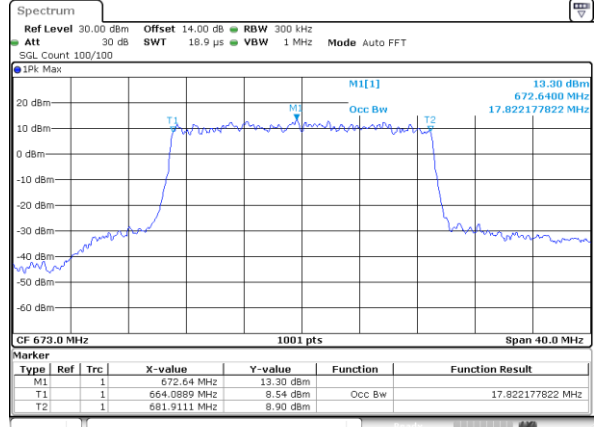
LTE Band 71

Lowest Channel / 15MHz / 64QAM



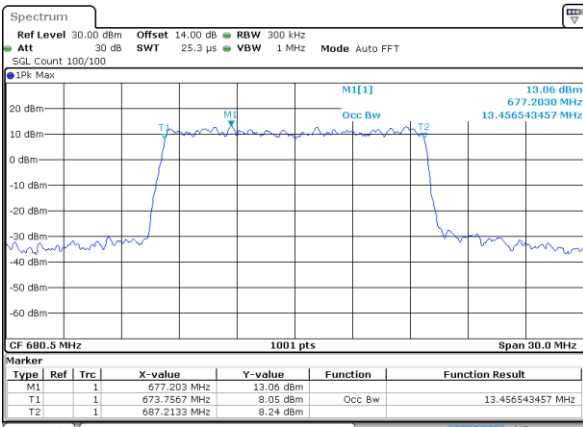
Date: 3 DEC 2019 07:16:39

Lowest Channel / 20MHz / 64QAM



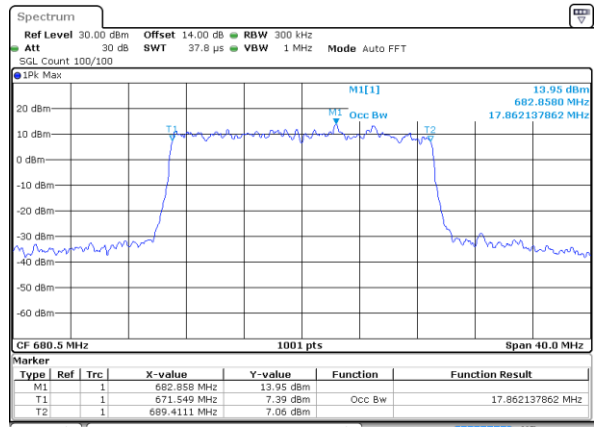
Date: 4 DEC 2019 02:35:45

Middle Channel / 15MHz / 64QAM



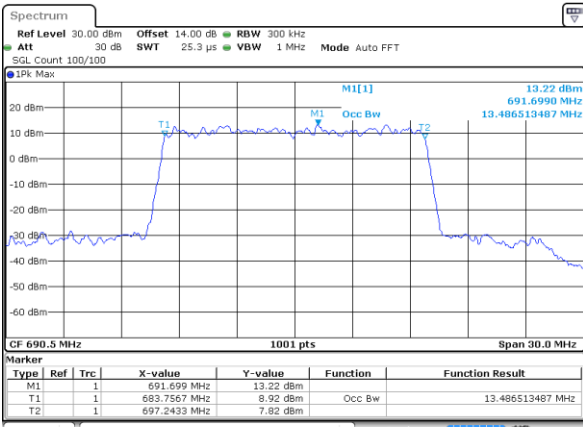
Date: 3 DEC 2019 07:06:53

Middle Channel / 20MHz / 64QAM



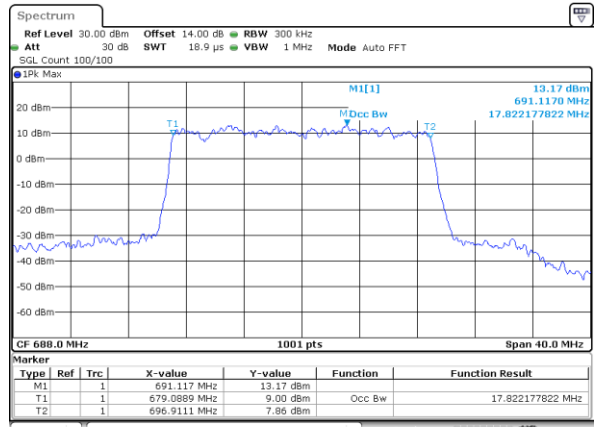
Date: 3 DEC 2019 07:34:54

Highest Channel / 15MHz / 64QAM



Date: 3 DEC 2019 07:21:33

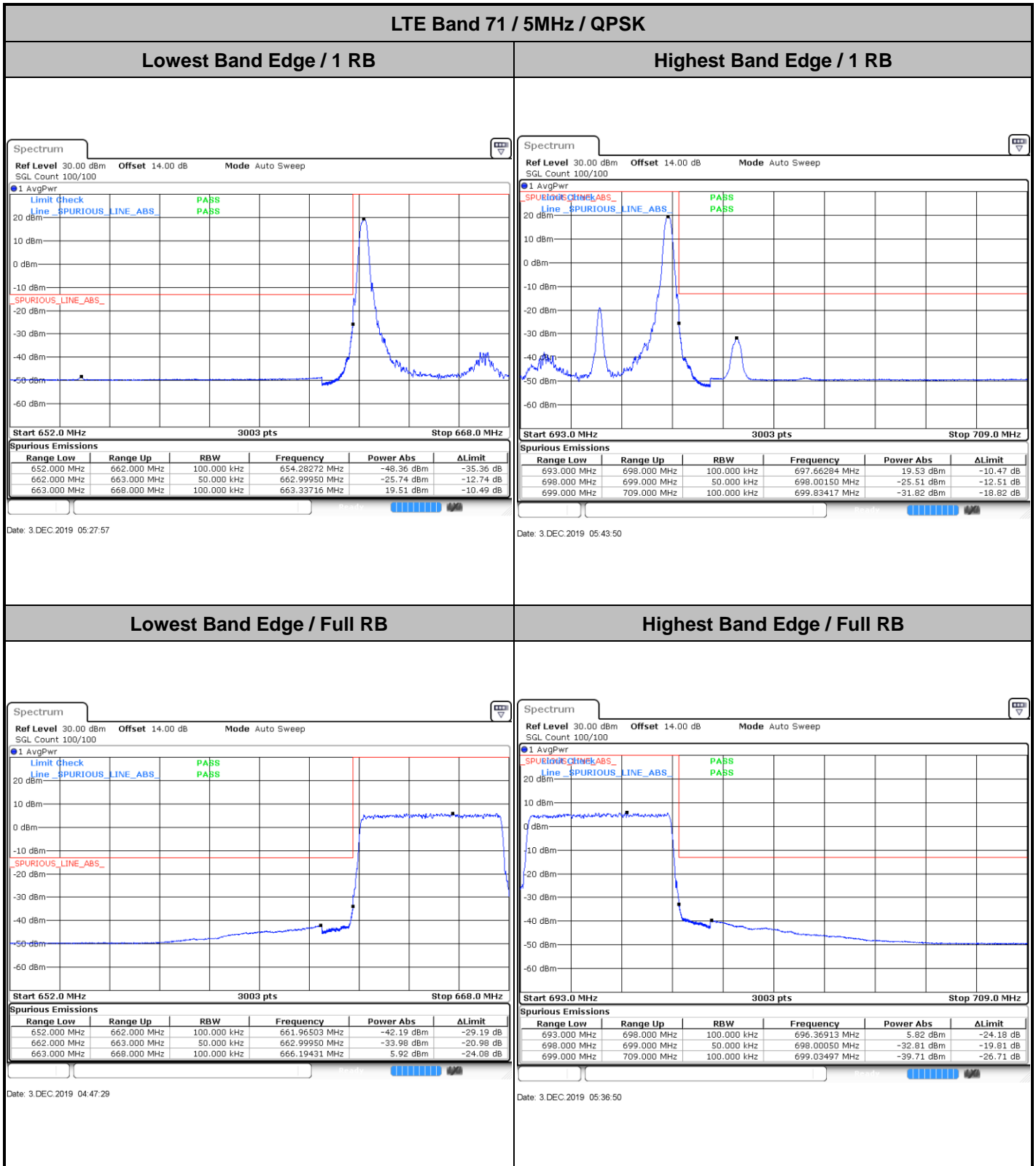
Highest Channel / 20MHz / 64QAM



Date: 4 DEC 2019 02:37:25



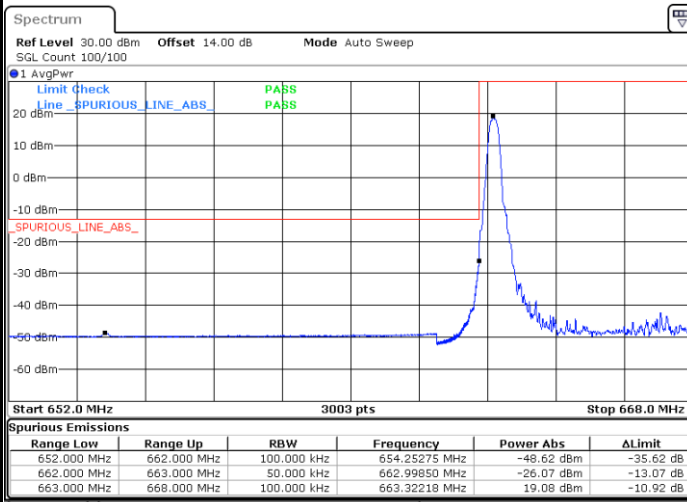
Conducted Band Edge





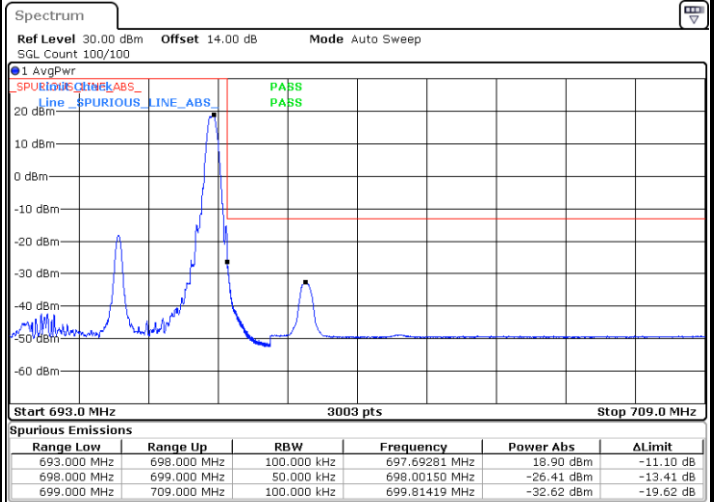
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



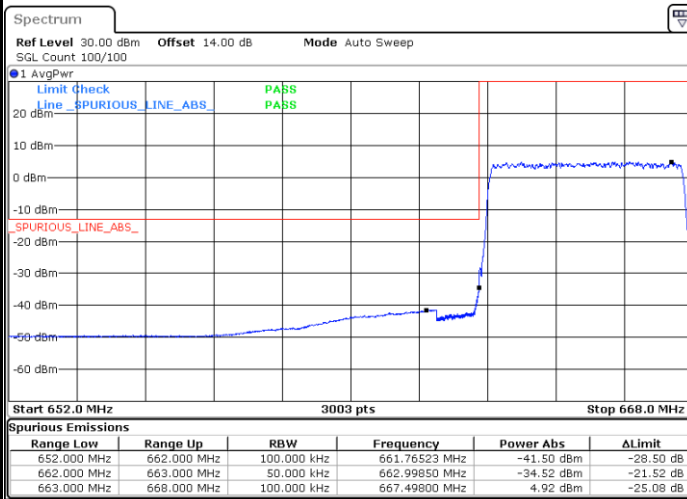
Date: 3 DEC.2019 05:05:02

Highest Band Edge / 1 RB



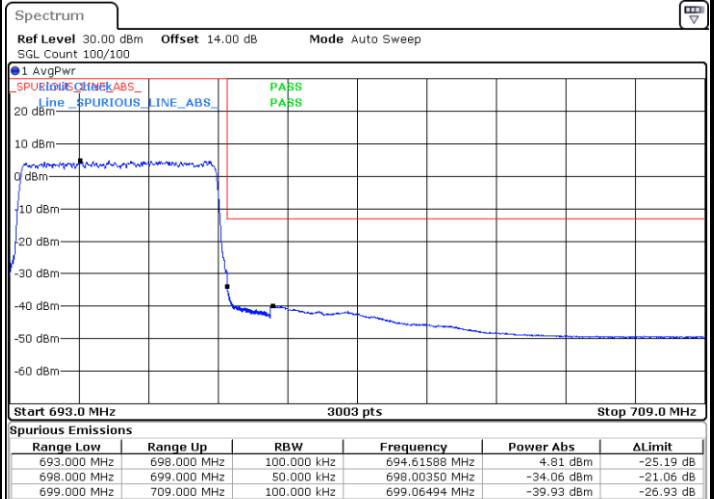
Date: 3 DEC.2019 05:42:09

Lowest Band Edge / Full RB



Date: 3 DEC.2019 04:54:56

Highest Band Edge / Full RB

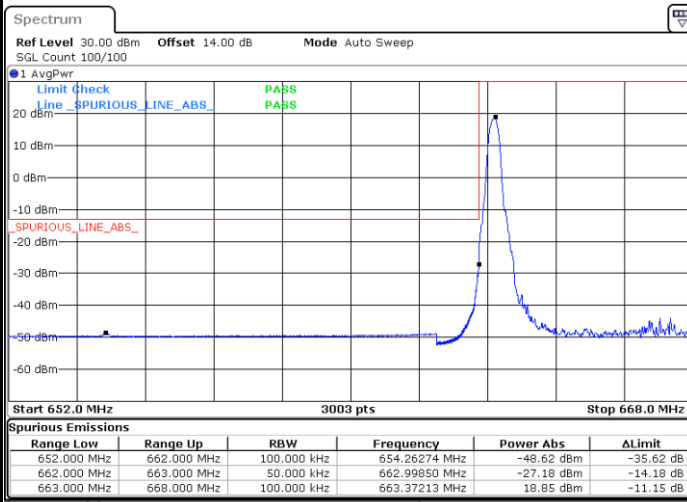


Date: 3 DEC.2019 05:35:09



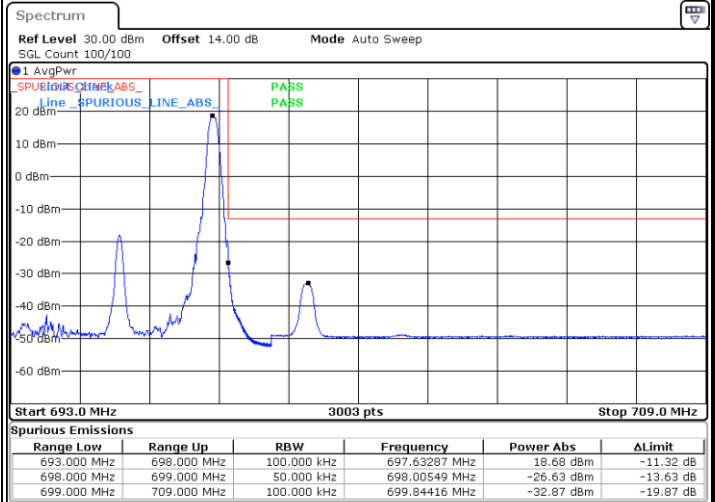
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



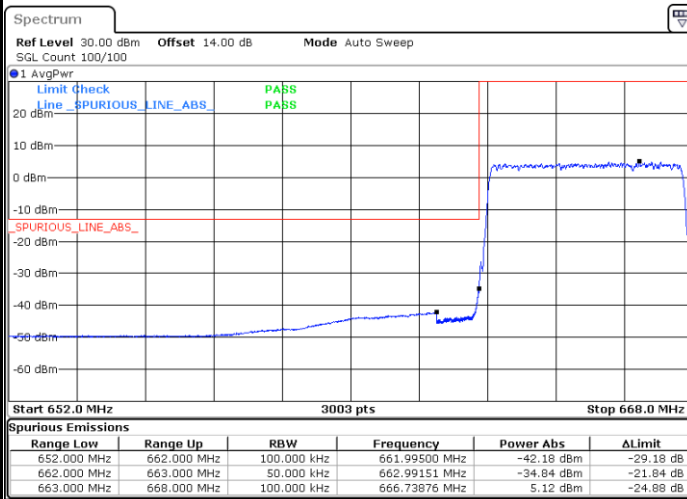
Date: 3 DEC.2019 05:02:47

Highest Band Edge / 1 RB



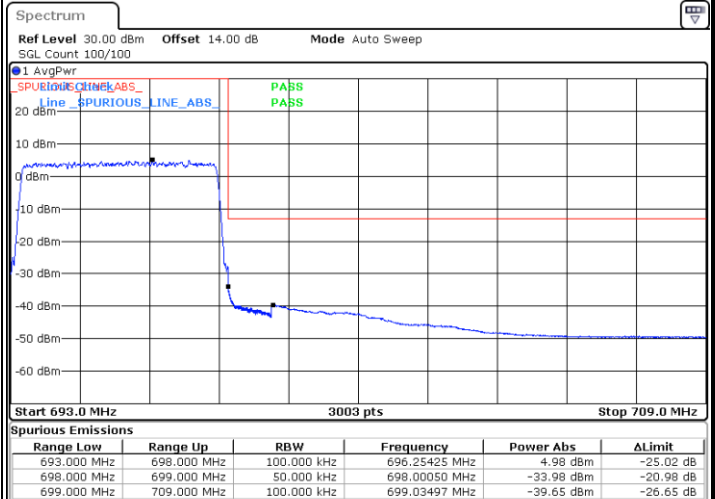
Date: 3 DEC.2019 05:41:01

Lowest Band Edge / Full RB



Date: 3 DEC.2019 05:00:48

Highest Band Edge / Full RB

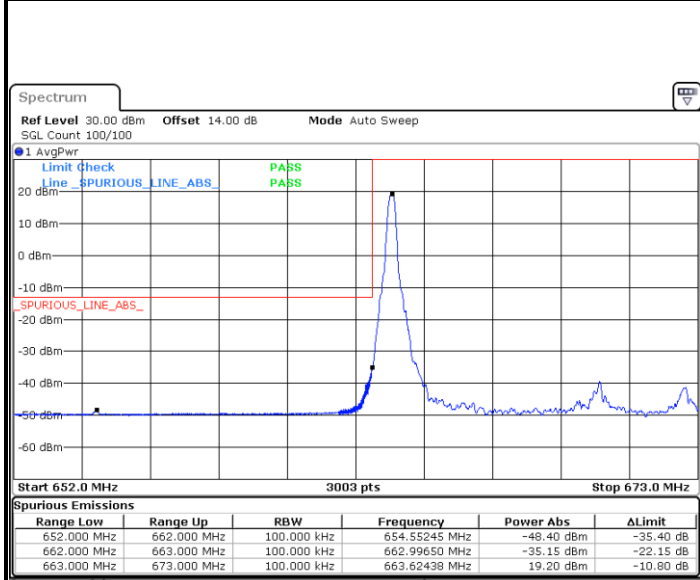


Date: 3 DEC.2019 05:39:29



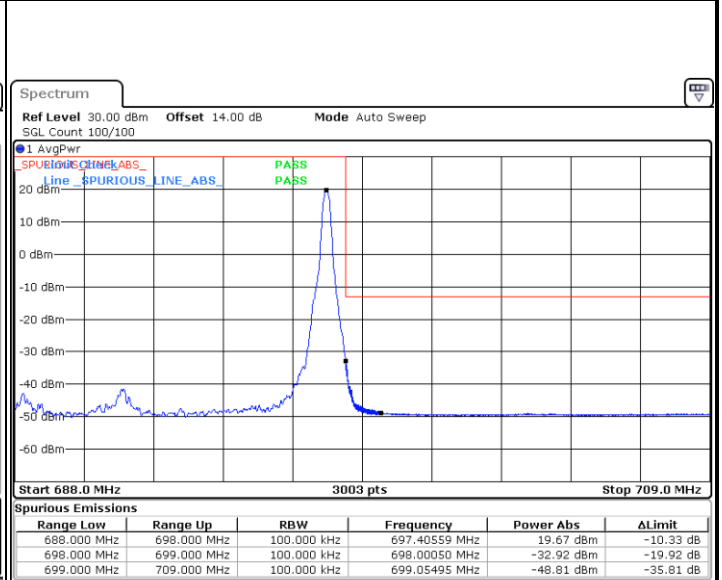
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



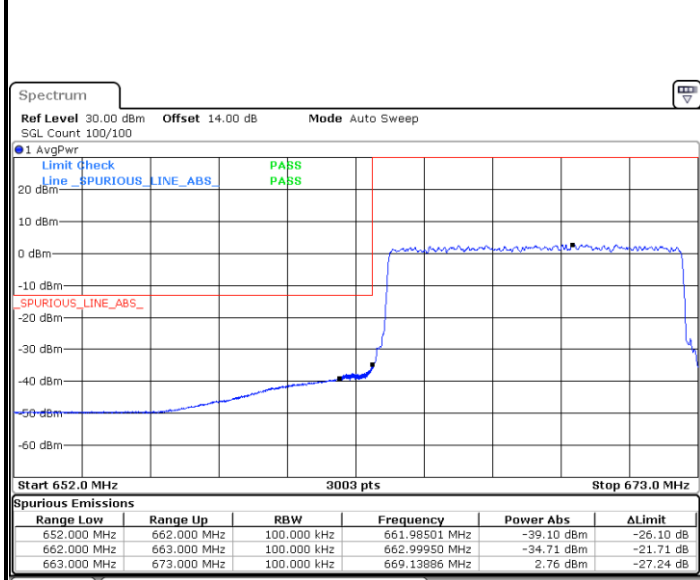
Date: 3 DEC.2019 06:12:46

Highest Band Edge / 1 RB



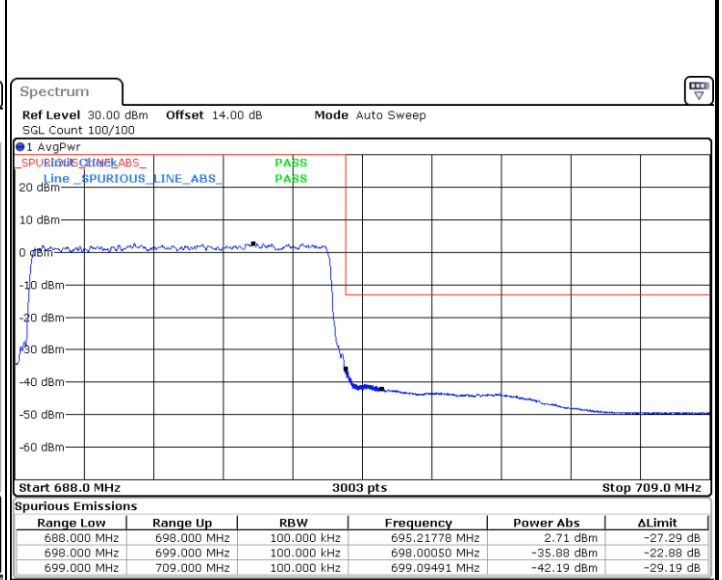
Date: 3 DEC.2019 06:57:01

Lowest Band Edge / Full RB



Date: 3 DEC.2019 06:40:20

Highest Band Edge / Full RB

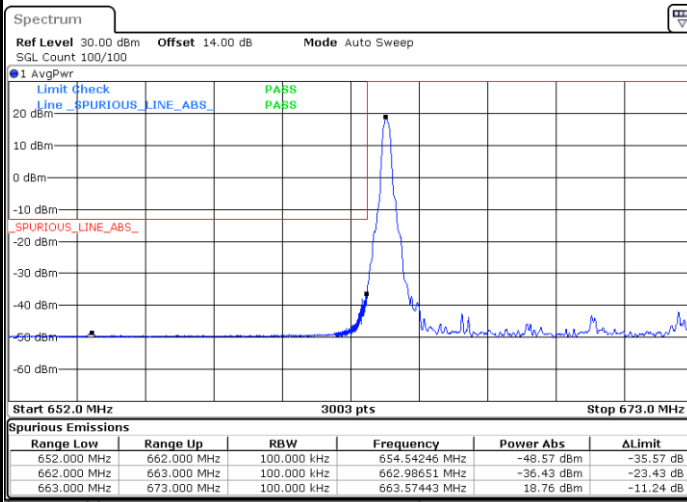


Date: 3 DEC.2019 06:48:47



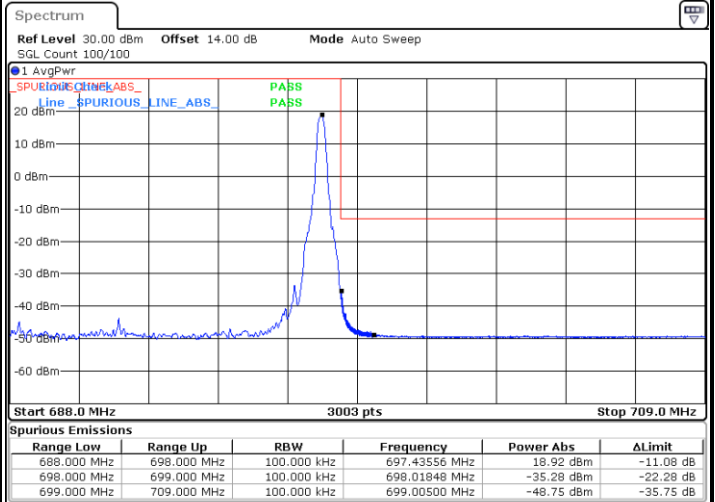
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



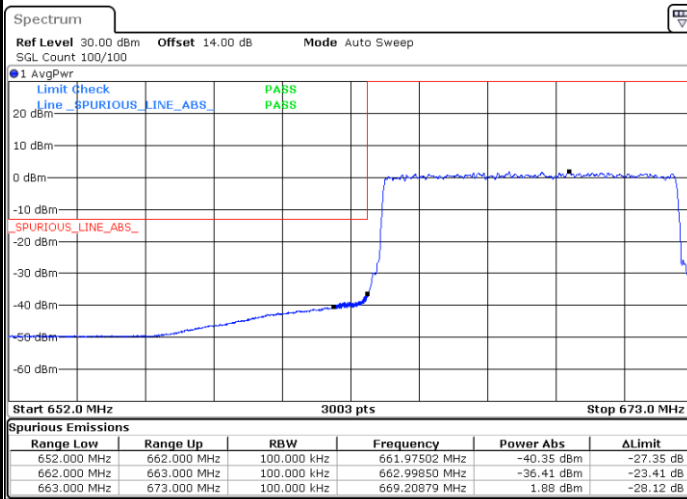
Date: 3 DEC.2019 06:10:07

Highest Band Edge / 1 RB



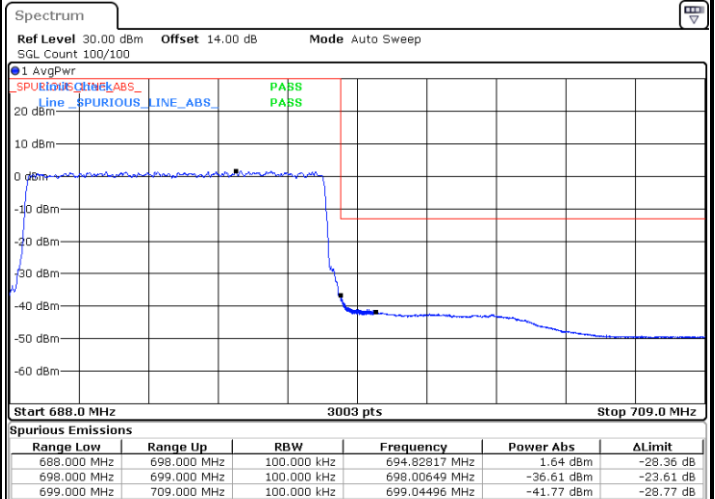
Date: 3 DEC.2019 06:55:21

Lowest Band Edge / Full RB



Date: 3 DEC.2019 06:42:25

Highest Band Edge / Full RB

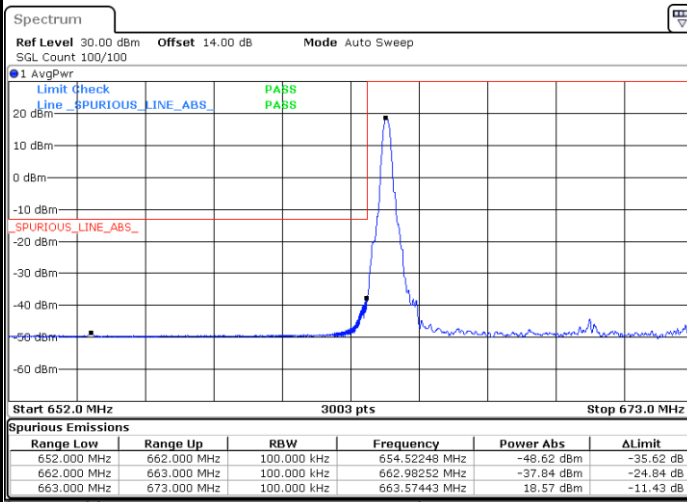


Date: 3 DEC.2019 06:46:51



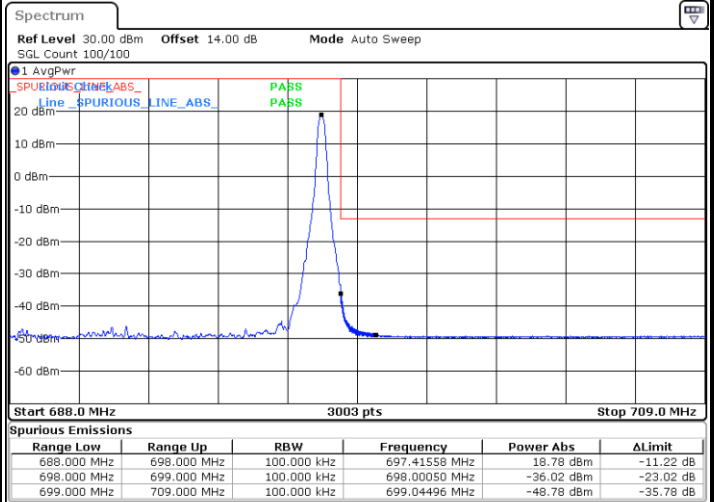
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



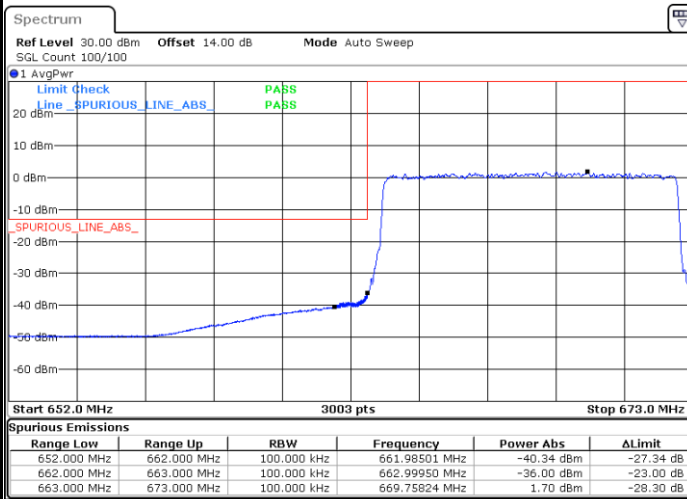
Date: 3 DEC.2019 06:05:29

Highest Band Edge / 1 RB



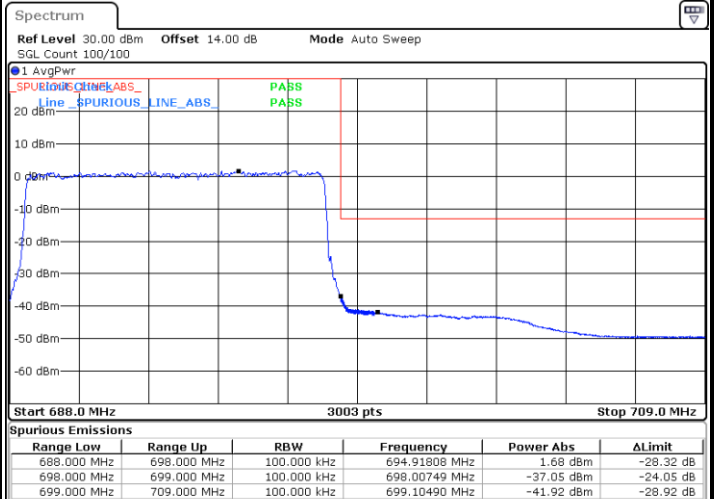
Date: 3 DEC.2019 06:54:04

Lowest Band Edge / Full RB



Date: 3 DEC.2019 06:44:00

Highest Band Edge / Full RB

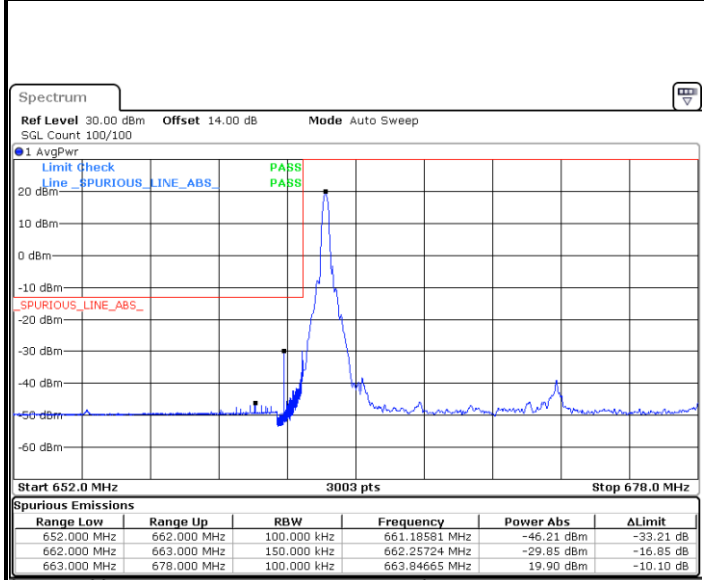


Date: 3 DEC.2019 06:45:21



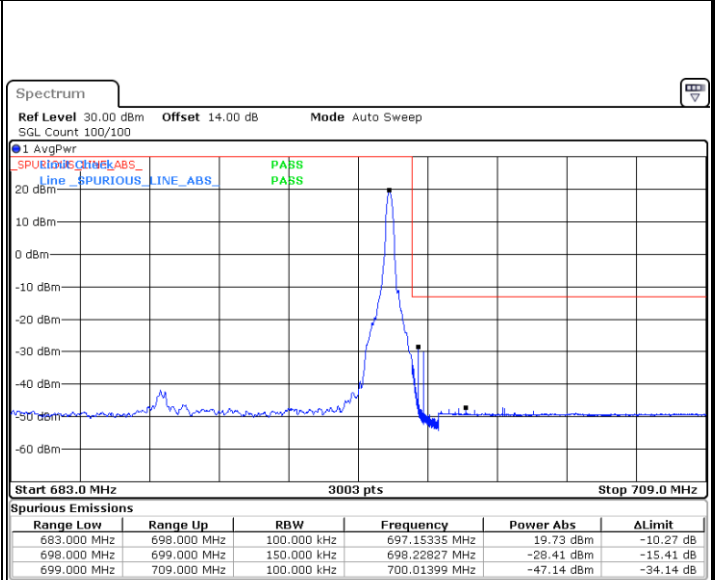
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



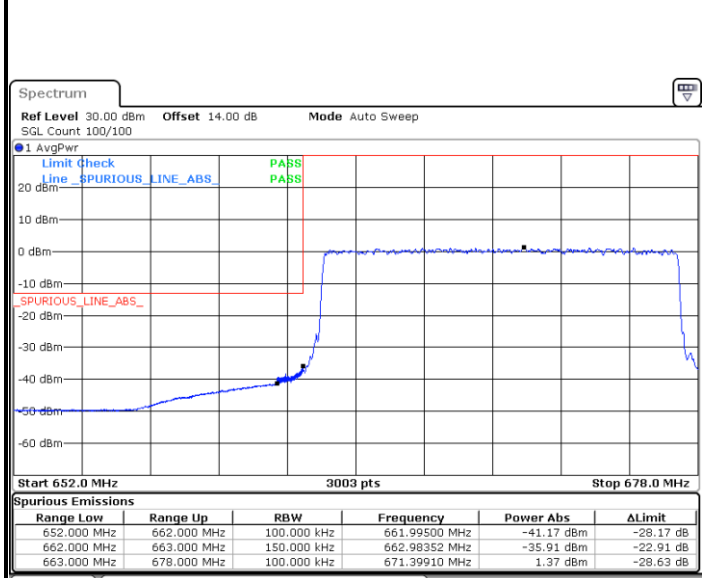
Date: 3 DEC.2019 07:10:41

Highest Band Edge / 1 RB



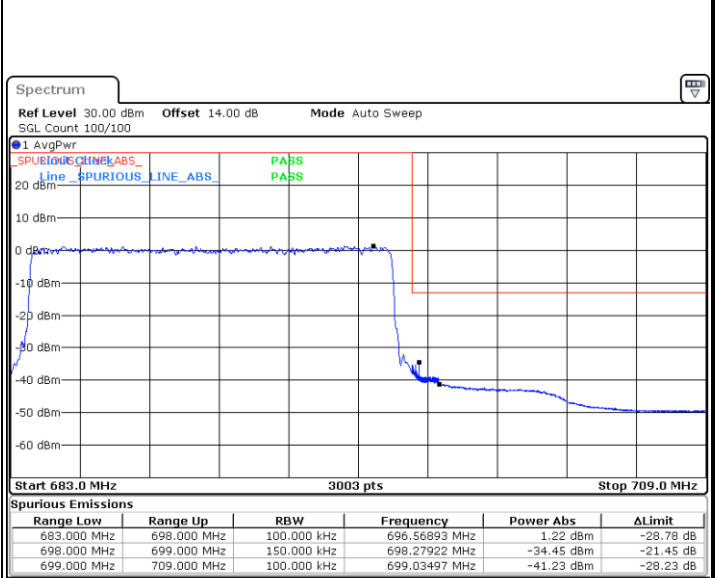
Date: 3 DEC.2019 07:26:11

Lowest Band Edge / Full RB



Date: 3 DEC.2019 07:19:16

Highest Band Edge / Full RB

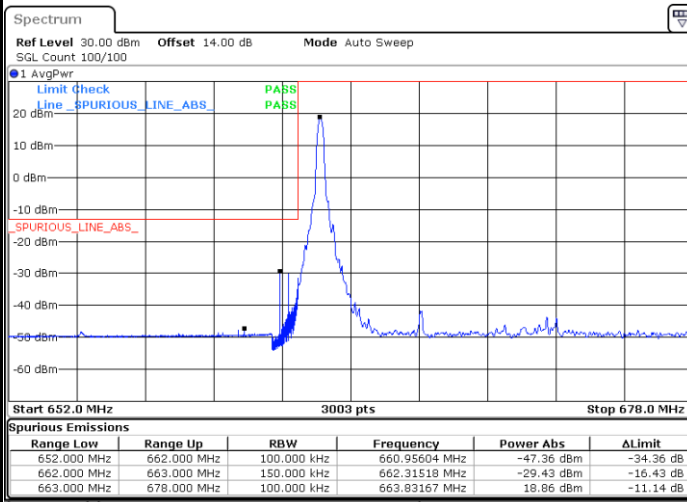


Date: 3 DEC.2019 07:20:23



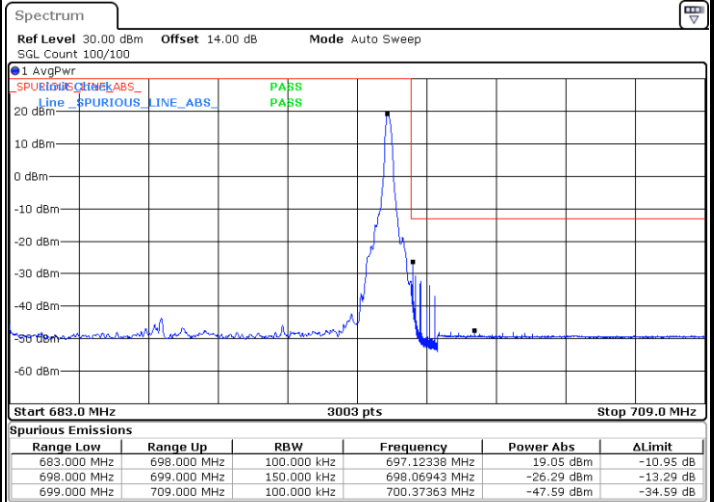
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



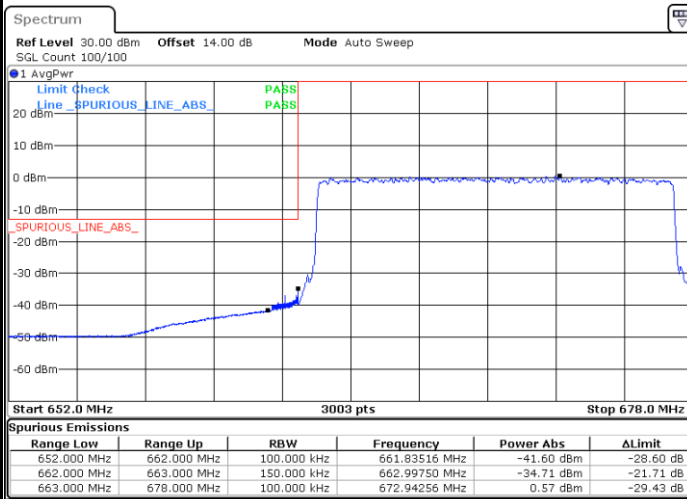
Date: 3 DEC.2019 07:12:51

Highest Band Edge / 1 RB



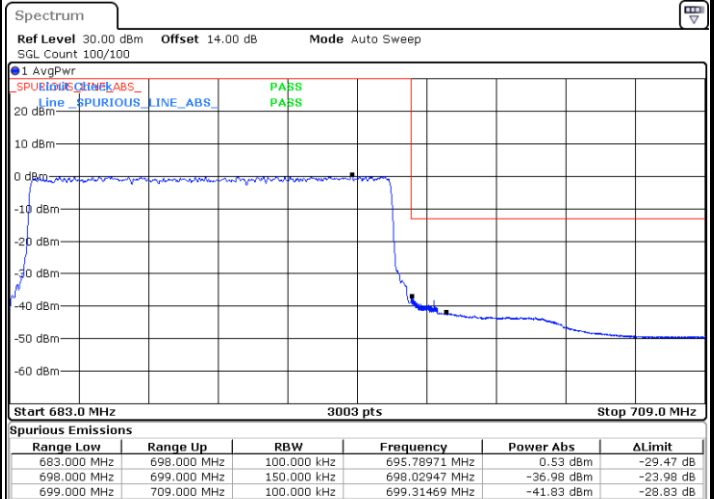
Date: 3 DEC.2019 07:28:05

Lowest Band Edge / Full RB



Date: 3 DEC.2019 07:18:20

Highest Band Edge / Full RB

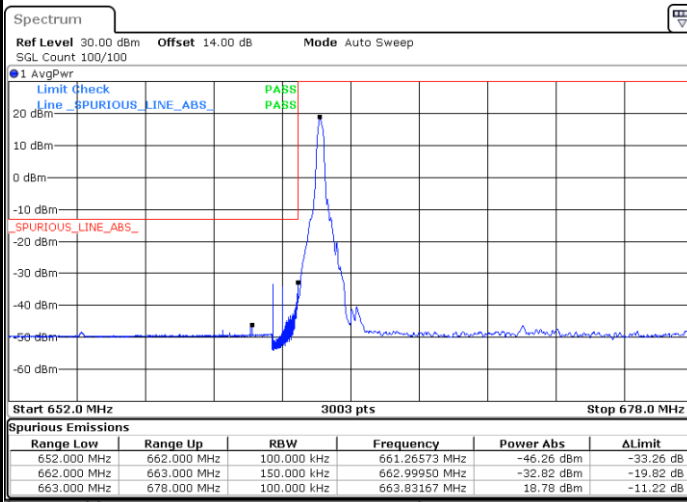


Date: 3 DEC.2019 07:21:19



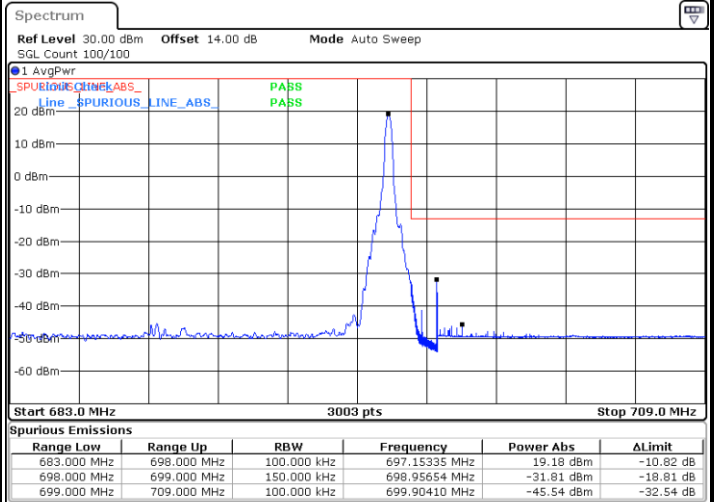
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



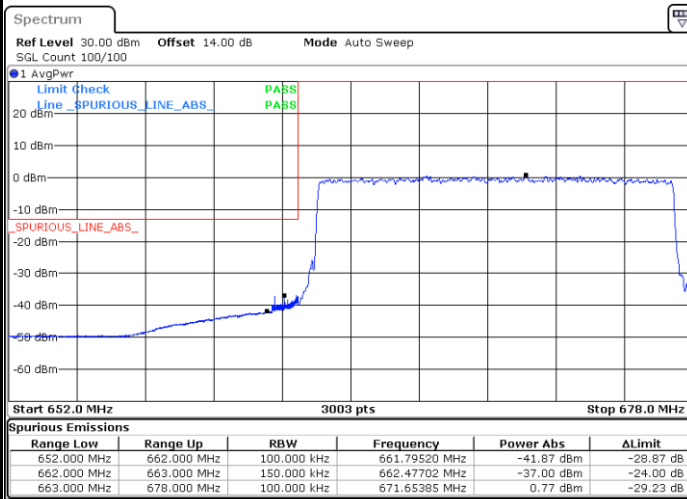
Date: 3 DEC.2019 07:15:16

Highest Band Edge / 1 RB



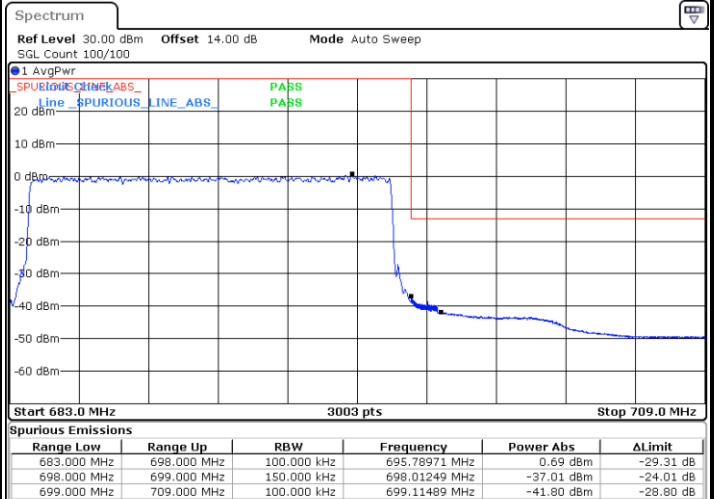
Date: 3 DEC.2019 07:28:54

Lowest Band Edge / Full RB



Date: 3 DEC.2019 07:17:18

Highest Band Edge / Full RB

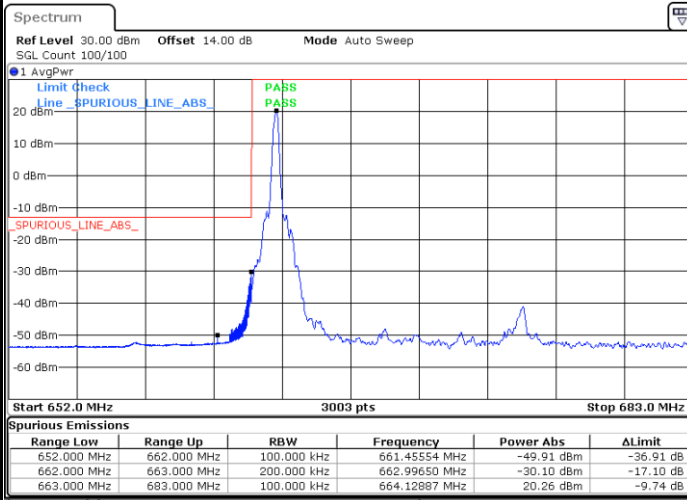


Date: 3 DEC.2019 07:22:18



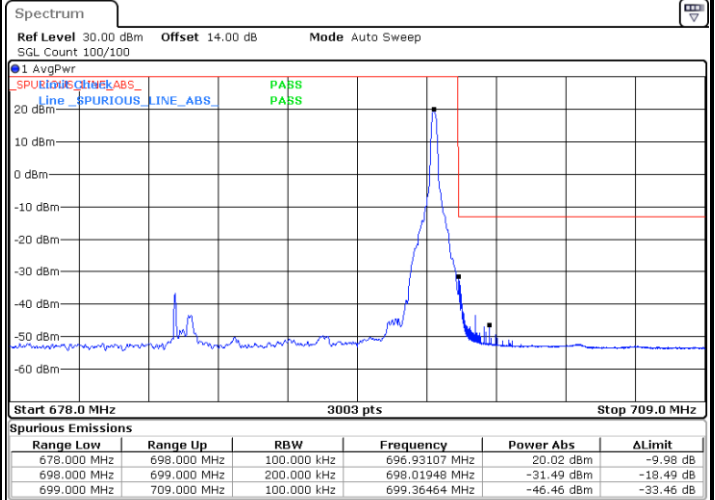
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



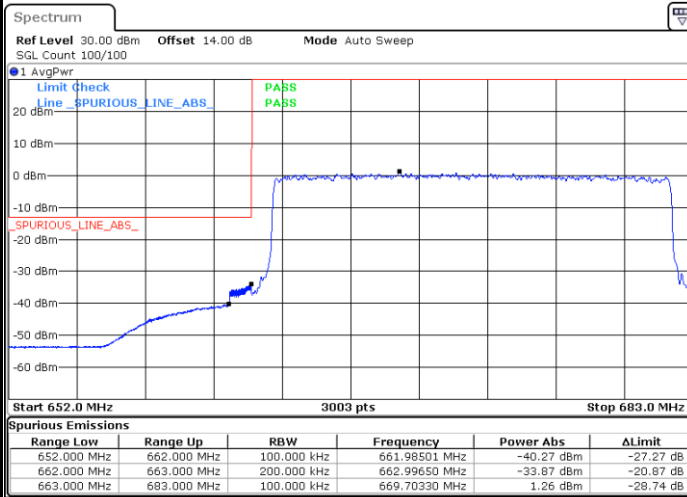
Date: 4.DEC.2019 02:30:55

Highest Band Edge / 1 RB



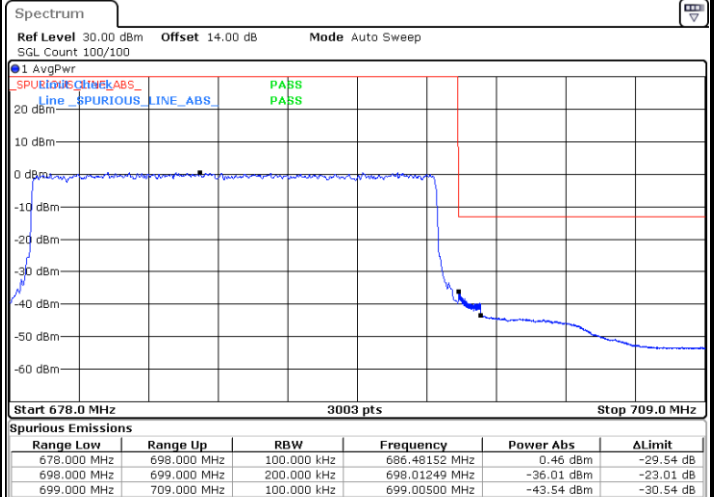
Date: 4.DEC.2019 03:19:58

Lowest Band Edge / Full RB



Date: 4.DEC.2019 02:34:03

Highest Band Edge / Full RB

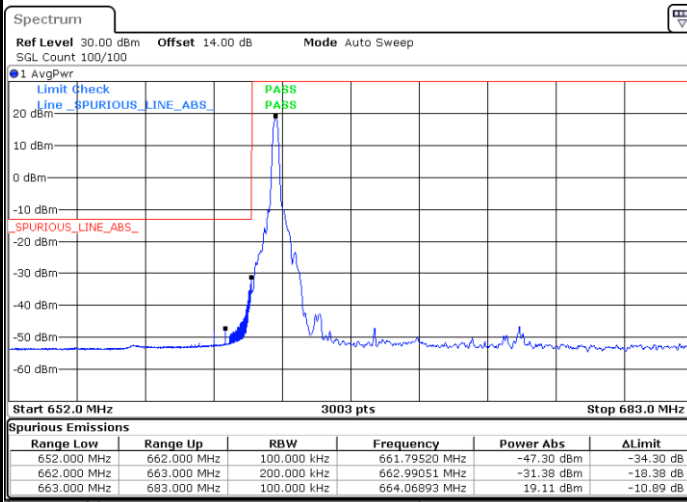


Date: 4.DEC.2019 02:42:07



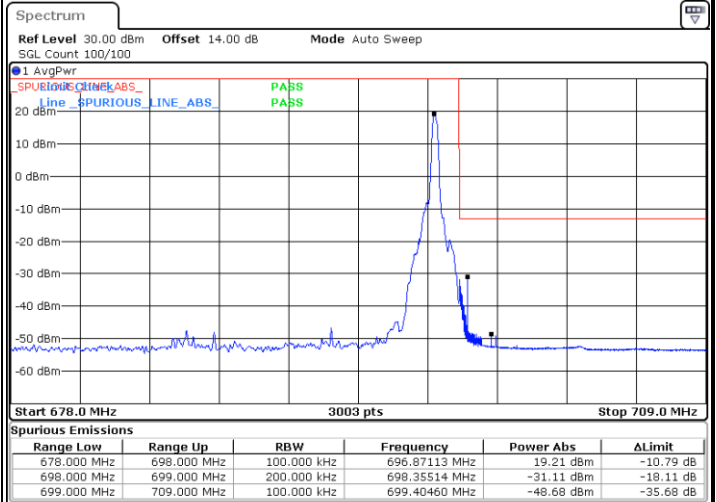
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



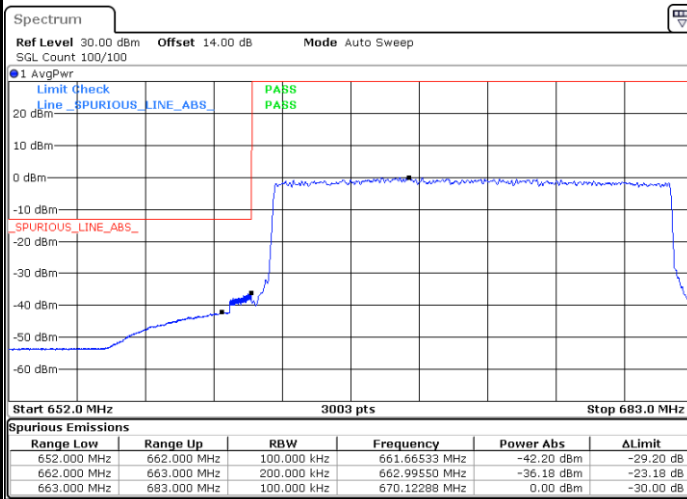
Date: 4.DEC.2019 02:28:51

Highest Band Edge / 1RB



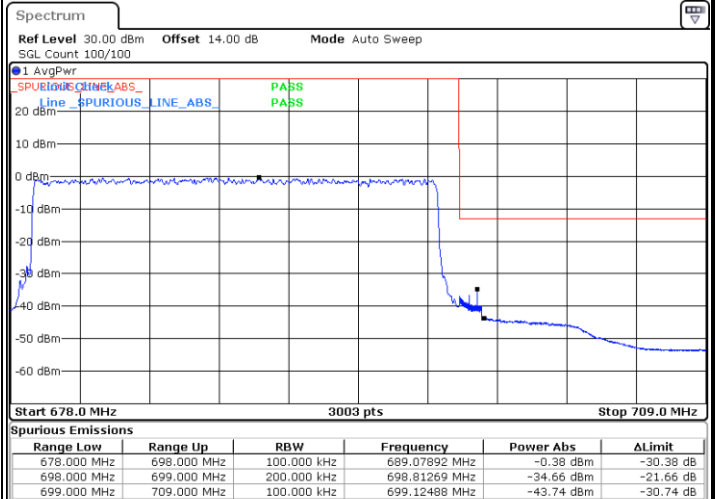
Date: 4.DEC.2019 02:47:49

Lowest Band Edge / Full RB



Date: 4.DEC.2019 02:35:10

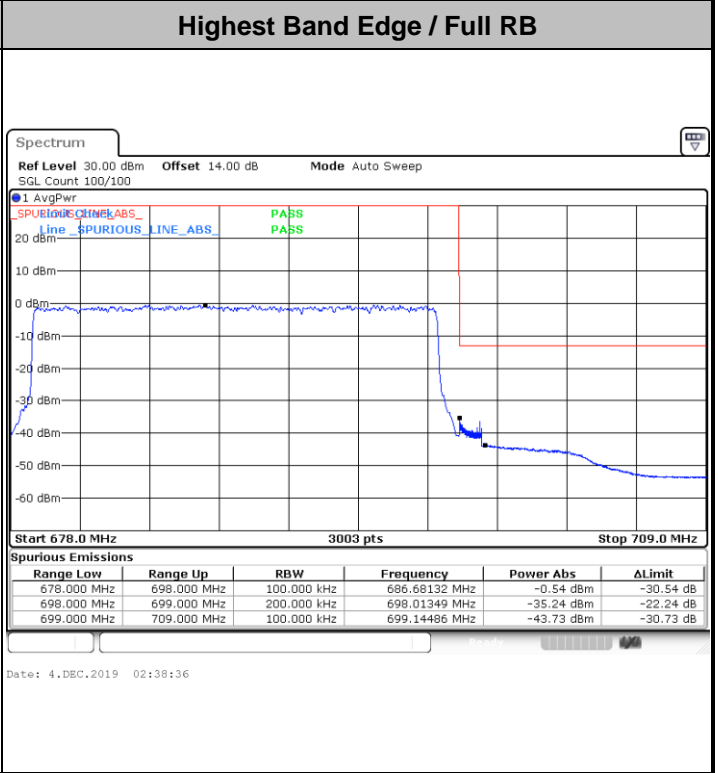
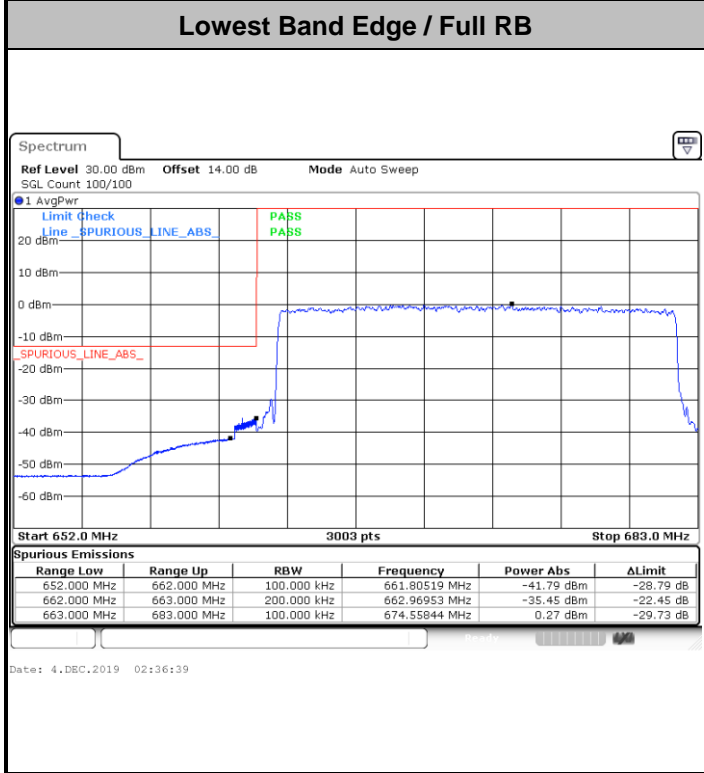
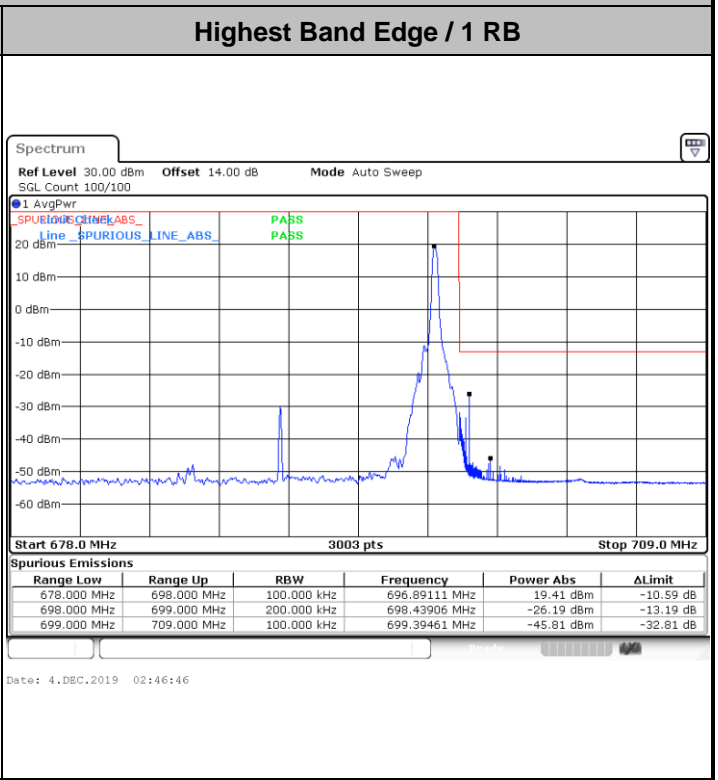
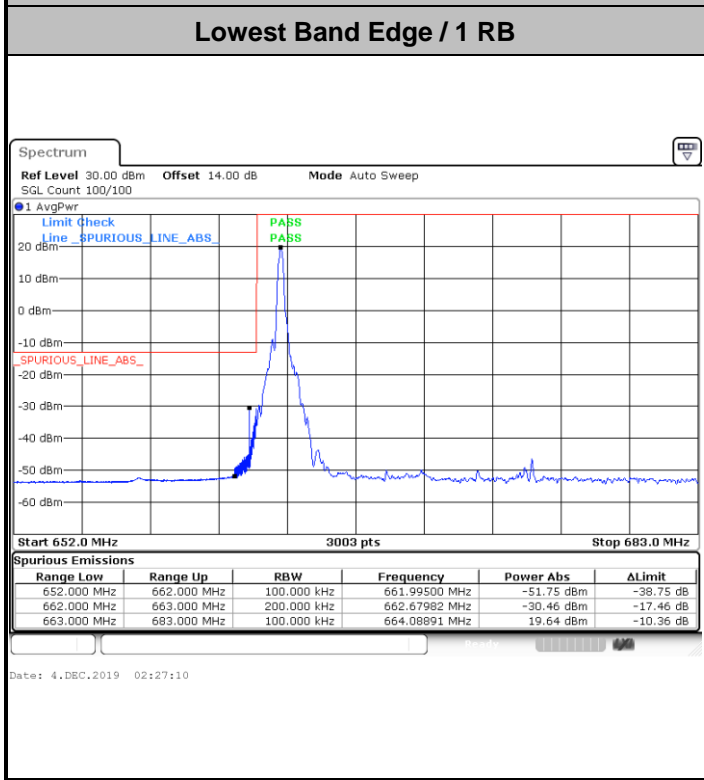
Highest Band Edge / Full RB



Date: 4.DEC.2019 02:39:54

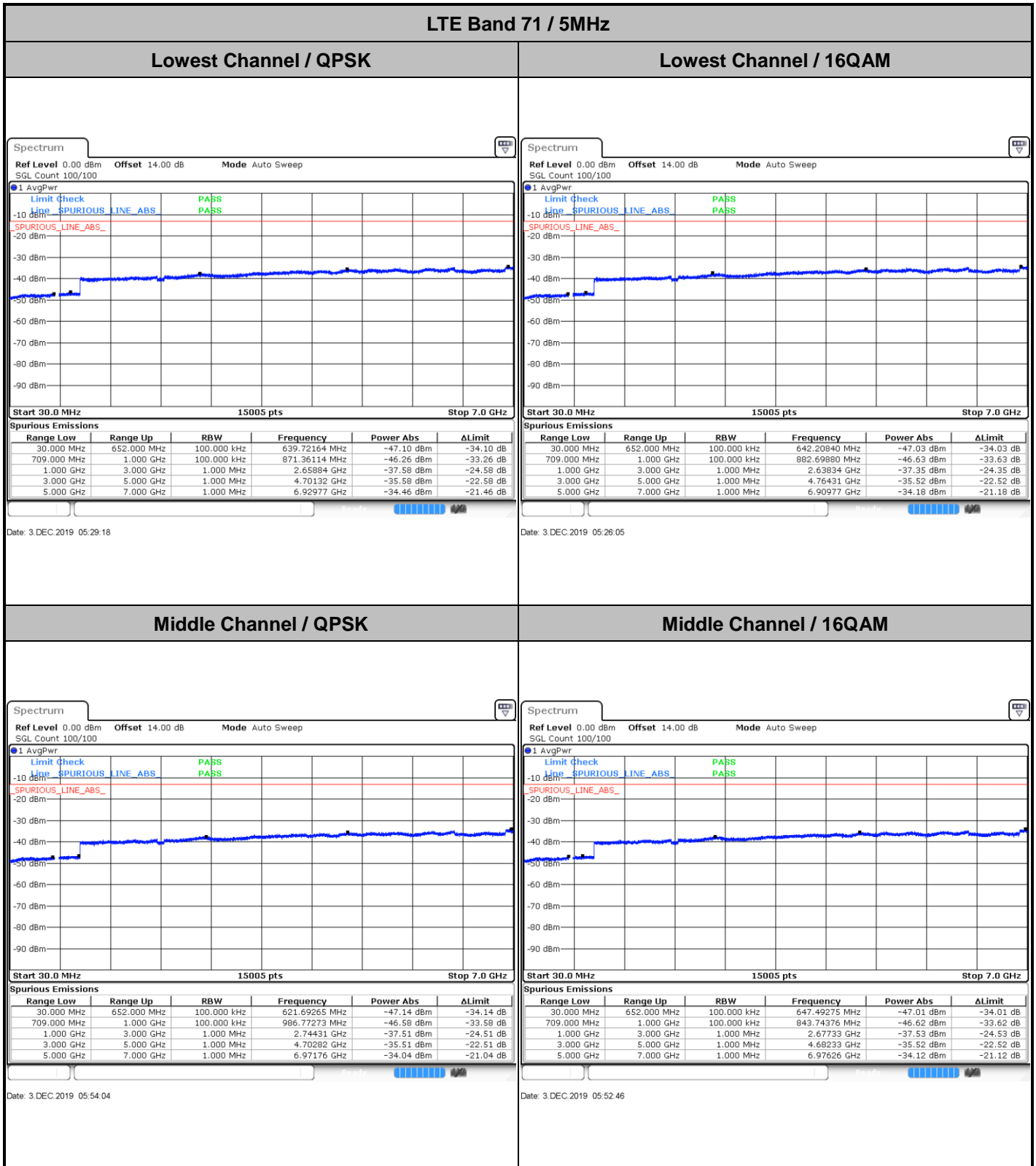


LTE Band 71 / 20MHz / 64QAM





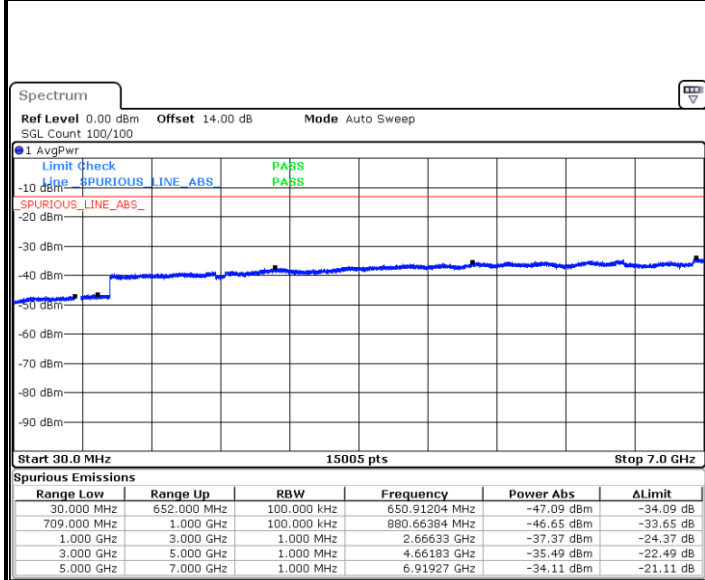
Conducted Spurious Emission





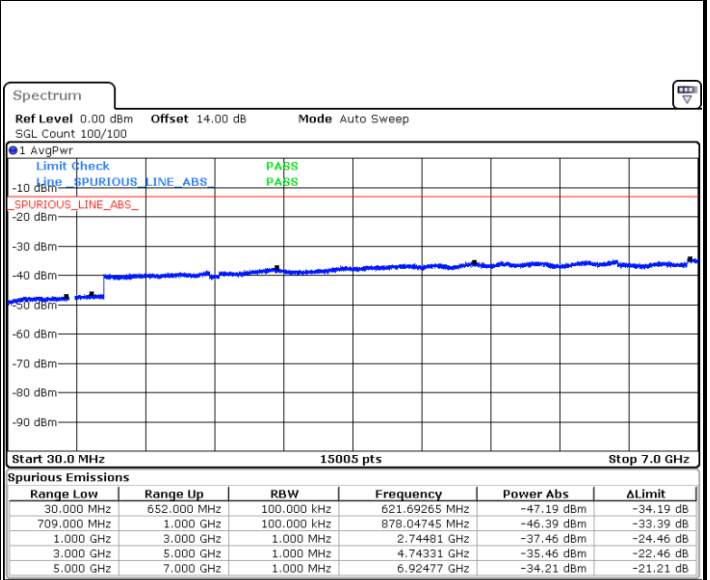
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 3 DEC.2019 05:45:32

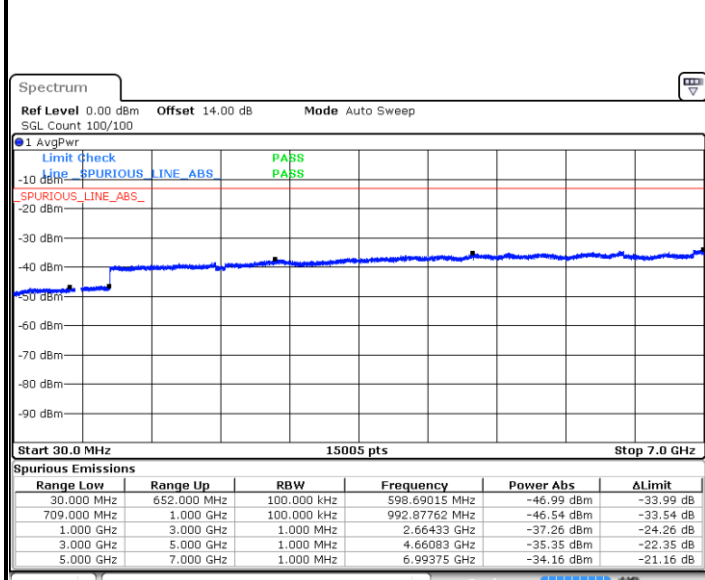
Highest Channel / 16QAM



Date: 3 DEC.2019 05:46:20

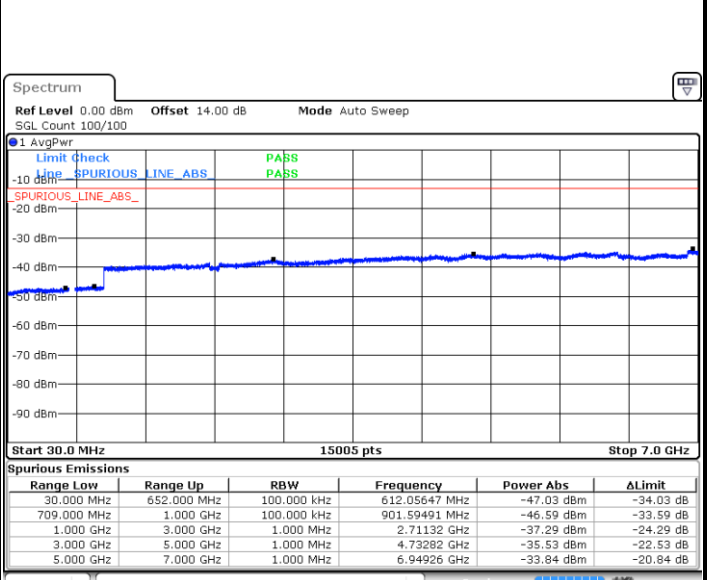
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 3 DEC.2019 06:13:28

Lowest Channel / 16QAM

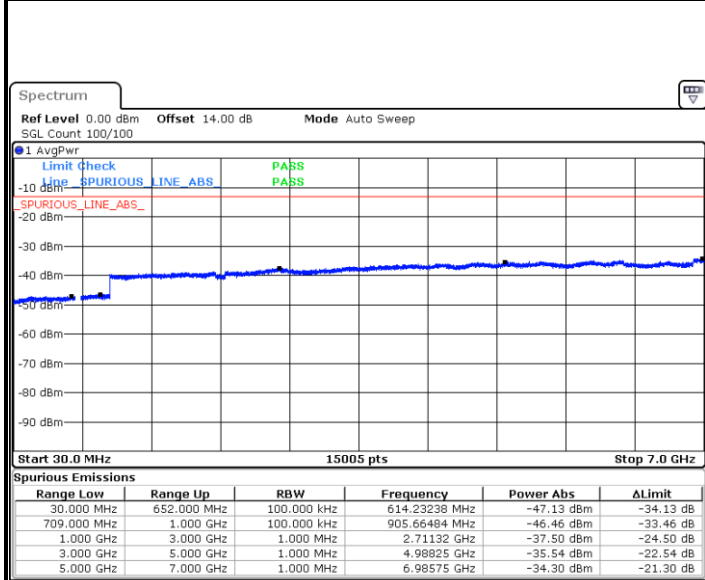


Date: 3 DEC.2019 06:11:50



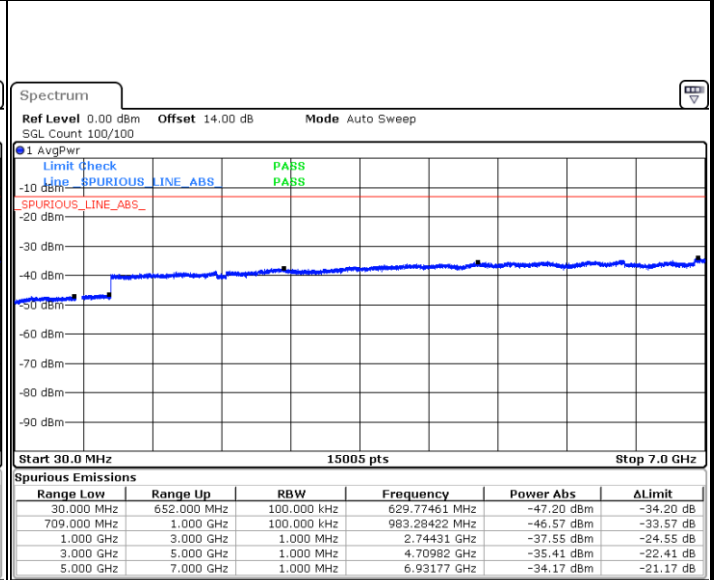
LTE Band 71 / 10MHz

Middle Channel / QPSK



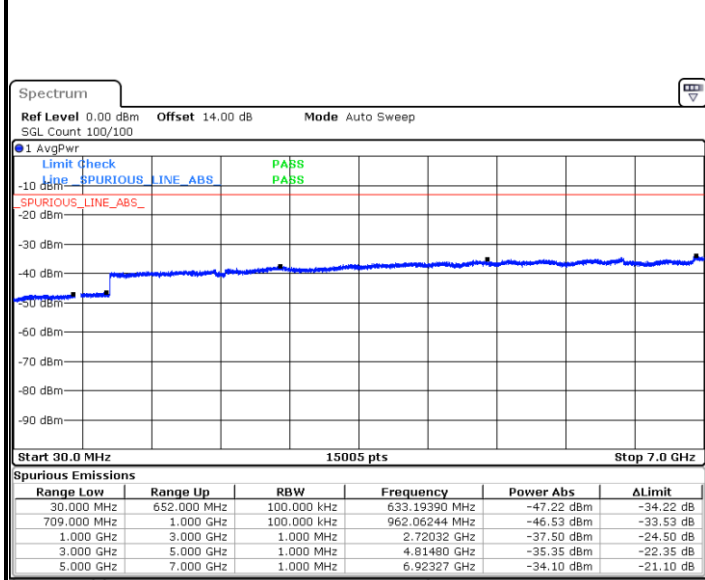
Date: 3 DEC.2019 06:01:01

Middle Channel / 16QAM



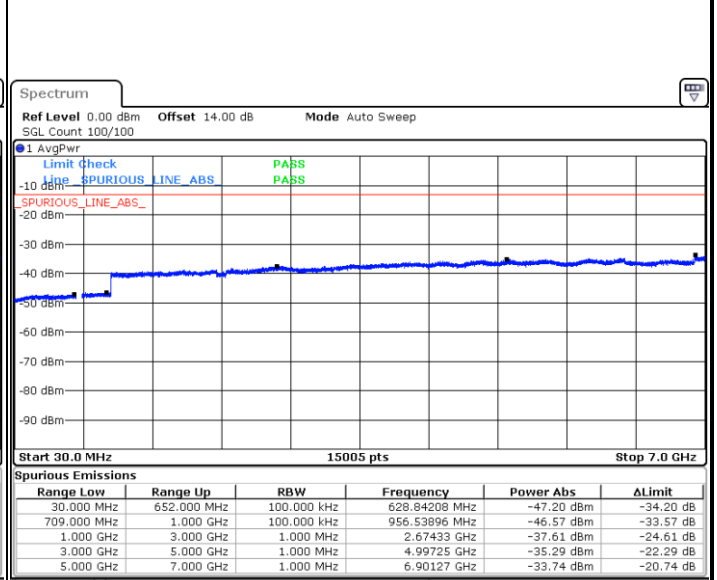
Date: 3 DEC.2019 06:02:27

Highest Channel / QPSK



Date: 3 DEC.2019 06:49:54

Highest Channel / 16QAM

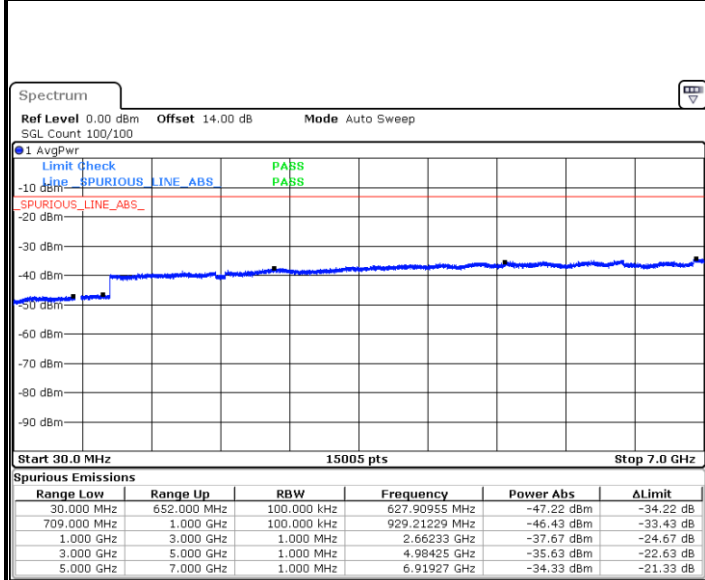


Date: 3 DEC.2019 06:51:15



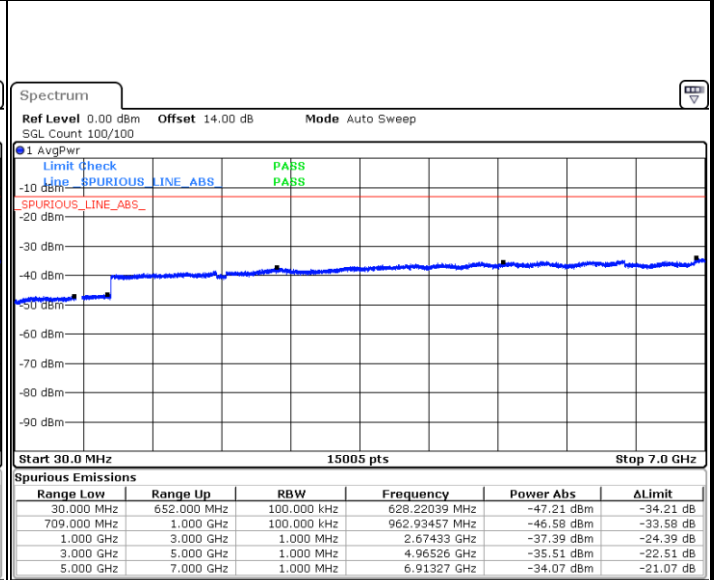
LTE Band 71 / 15MHz

Lowest Channel / QPSK



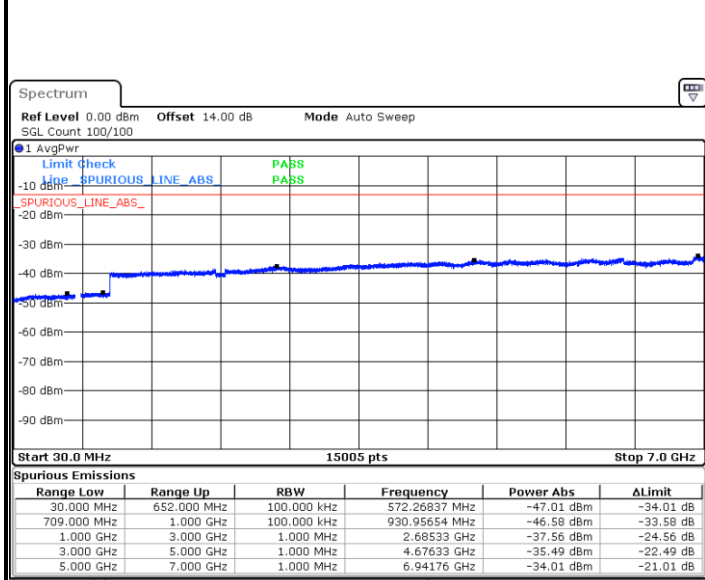
Date: 3 DEC.2019 07:11:44

Lowest Channel / 16QAM



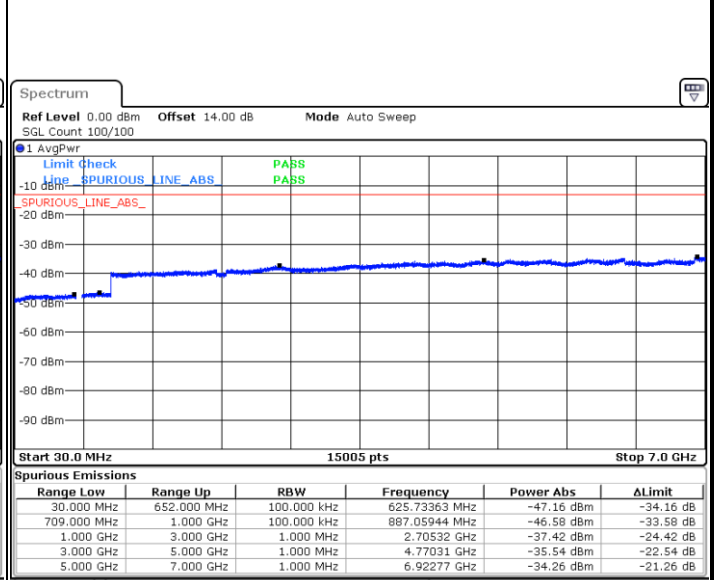
Date: 3 DEC.2019 07:13:30

Middle Channel / QPSK



Date: 3 DEC.2019 07:31:40

Middle Channel / 16QAM

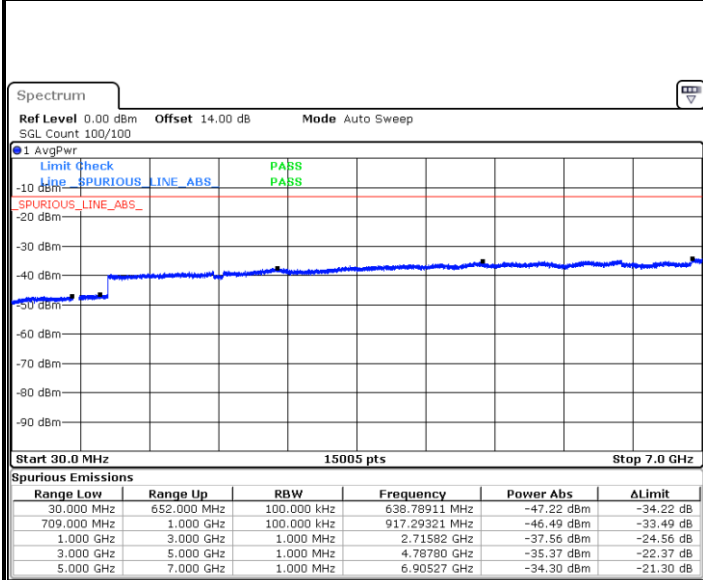


Date: 3 DEC.2019 07:30:36



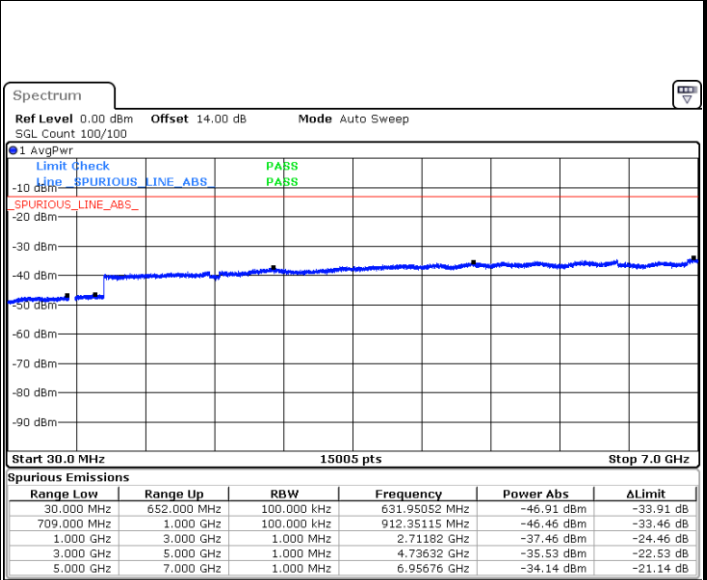
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 3 DEC.2019 07:25:10

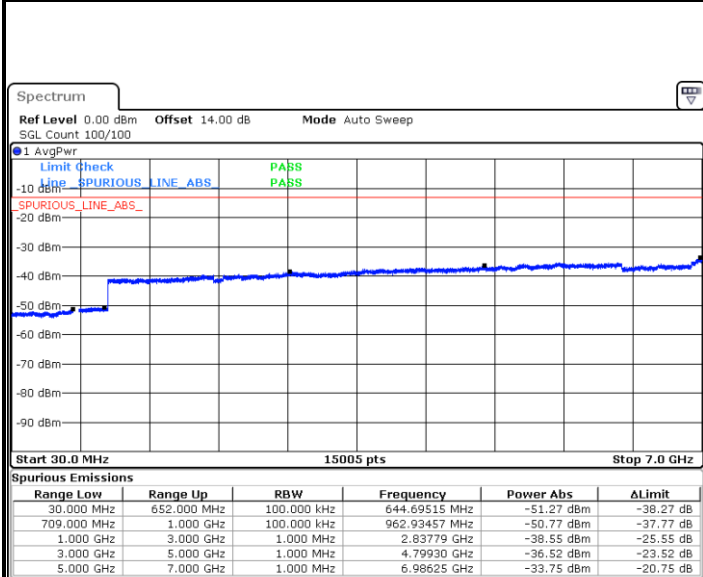
Highest Channel / 16QAM



Date: 3 DEC.2019 07:24:10

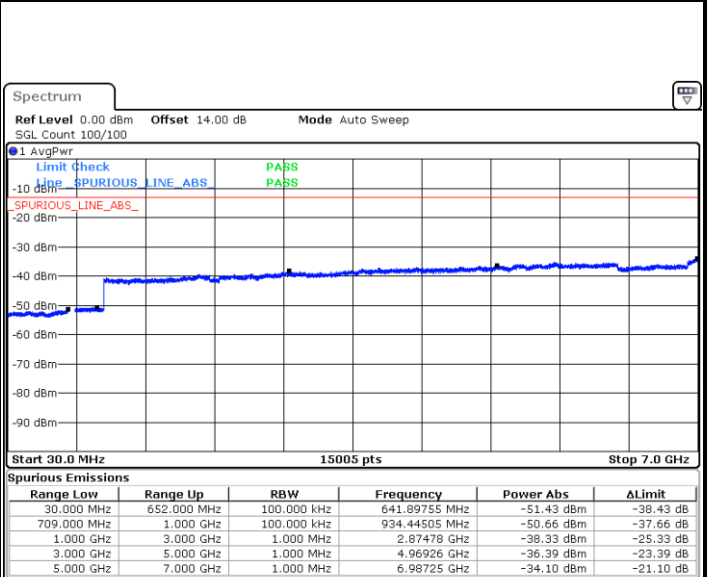
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 4 DEC.2019 02:31:50

Lowest Channel / 16QAM



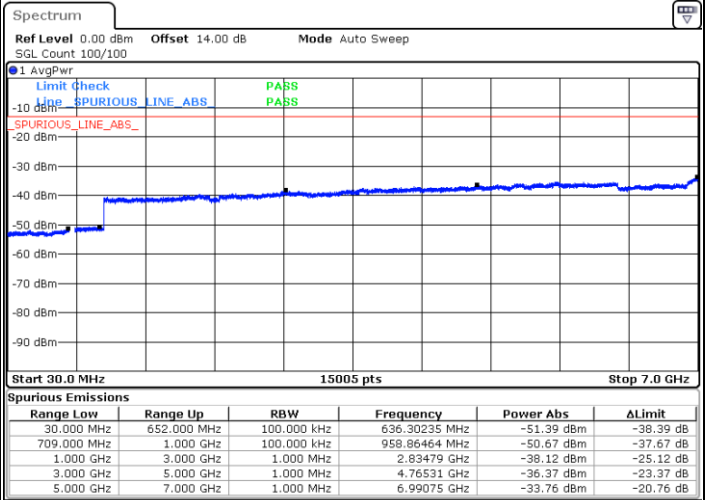
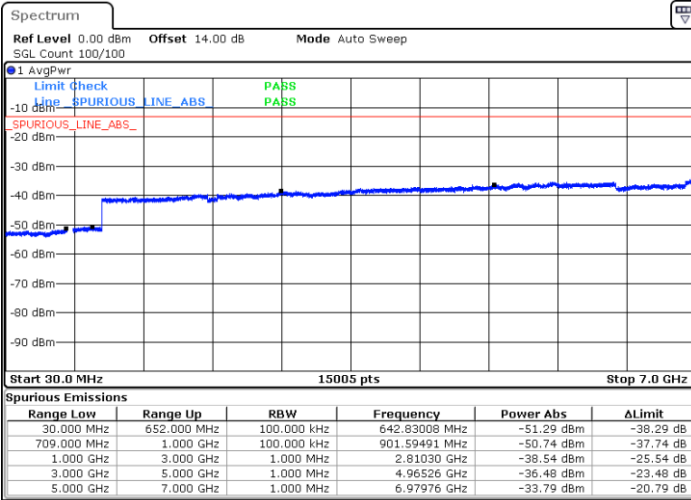
Date: 4 DEC.2019 02:29:56



LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

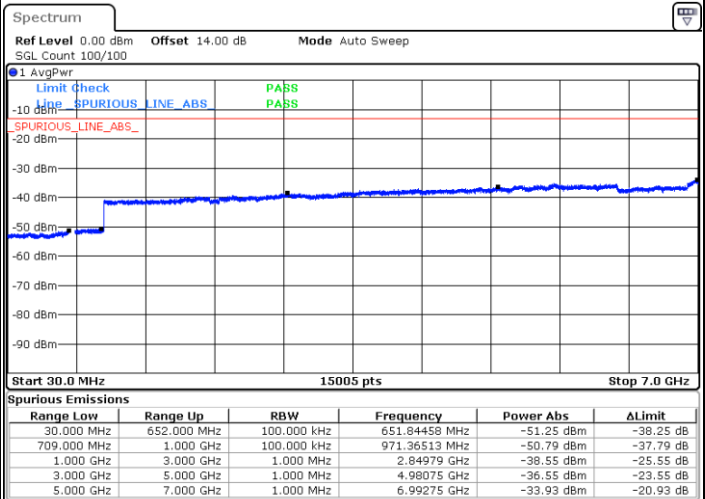
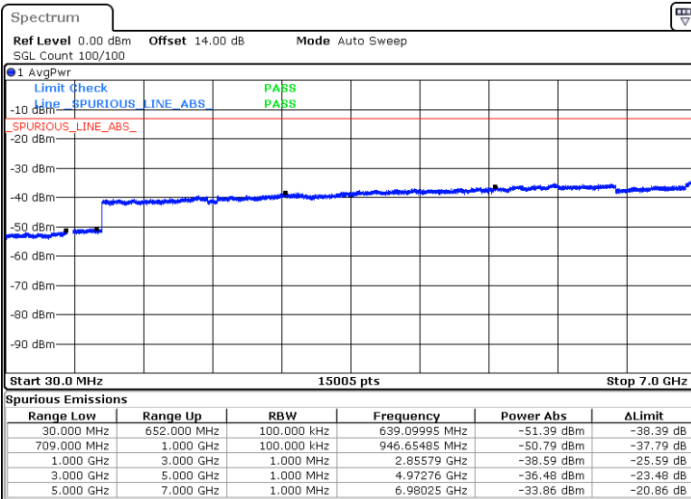


Date: 4.DEC.2019 02:19:46

Date: 4.DEC.2019 02:23:58

Highest Channel / QPSK

Highest Channel / 16QAM



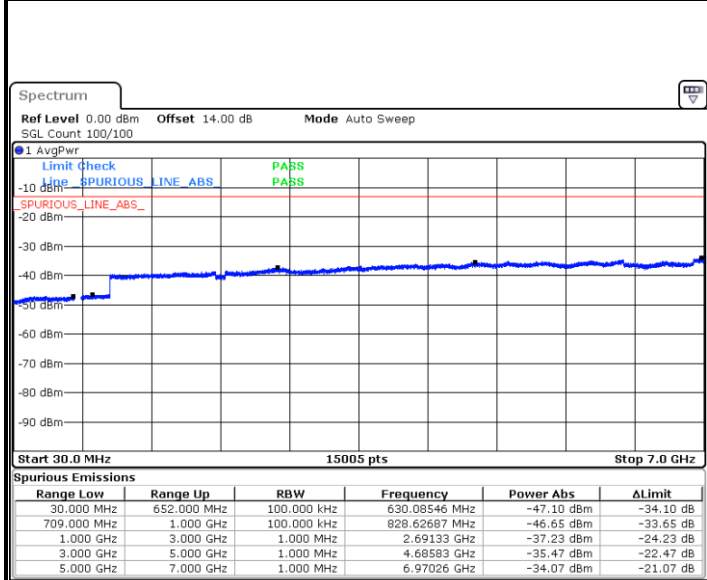
Date: 4.DEC.2019 02:43:18

Date: 4.DEC.2019 02:44:12



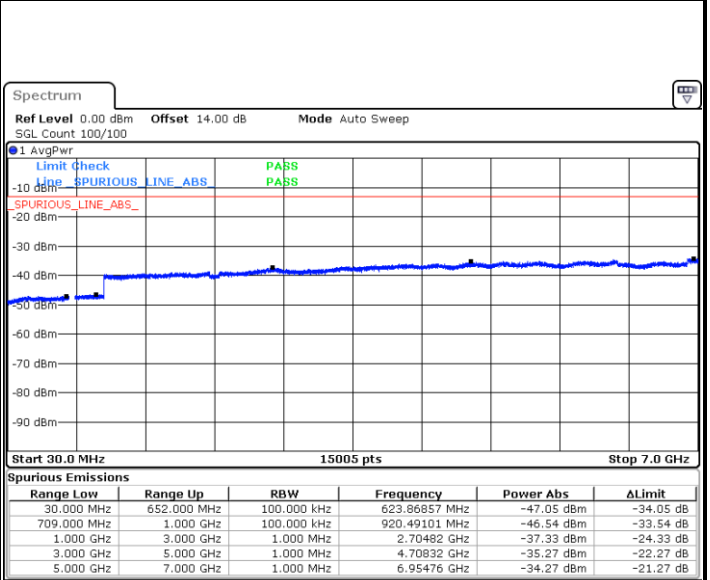
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



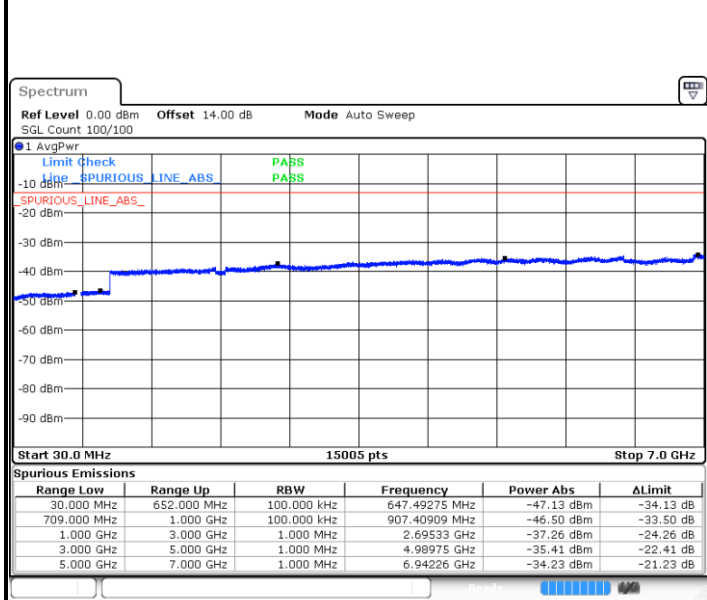
Date: 3 DEC.2019 05:03:48

Middle Channel / 64QAM



Date: 3 DEC.2019 05:51:53

Highest Channel / 64QAM



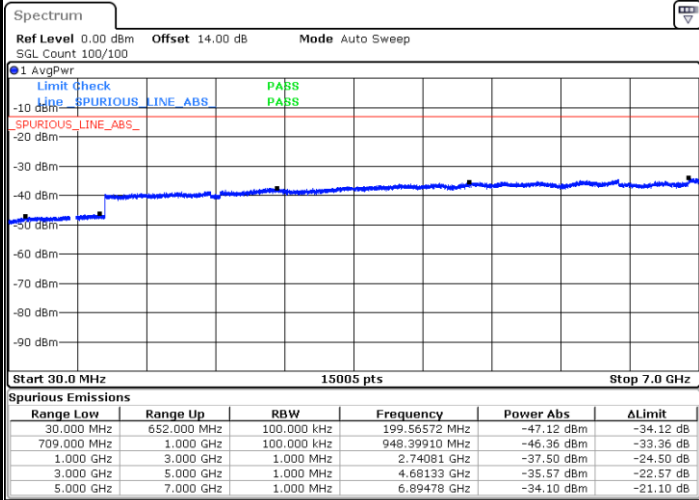
Date: 3 DEC.2019 05:48:50



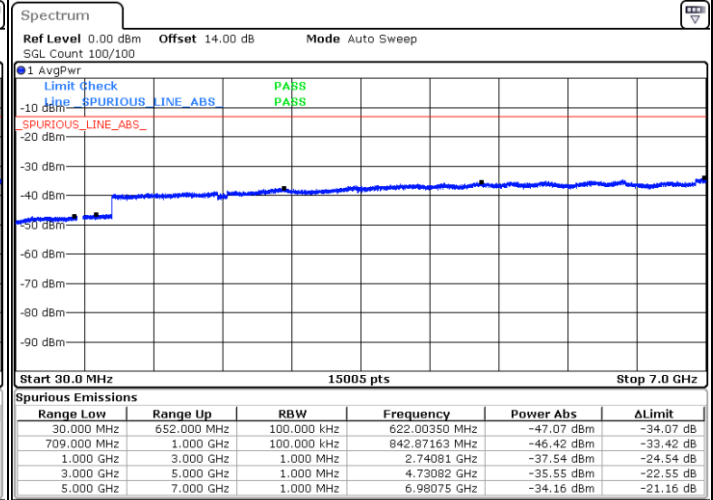
LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

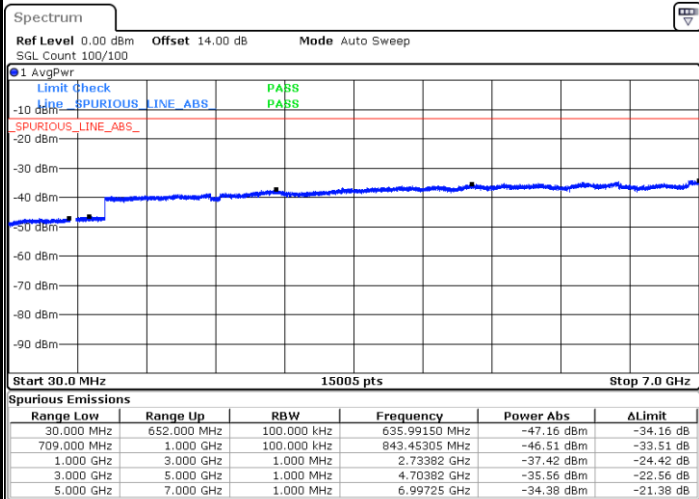


Date: 3 DEC.2019 06:07:38



Date: 3 DEC.2019 06:03:18

Highest Channel / 64QAM



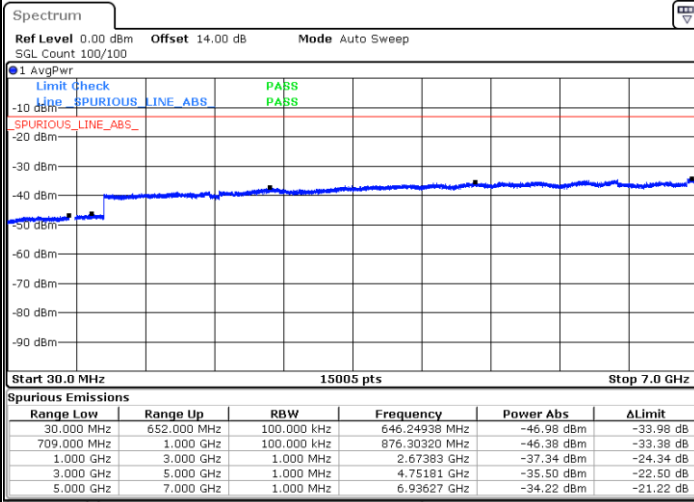
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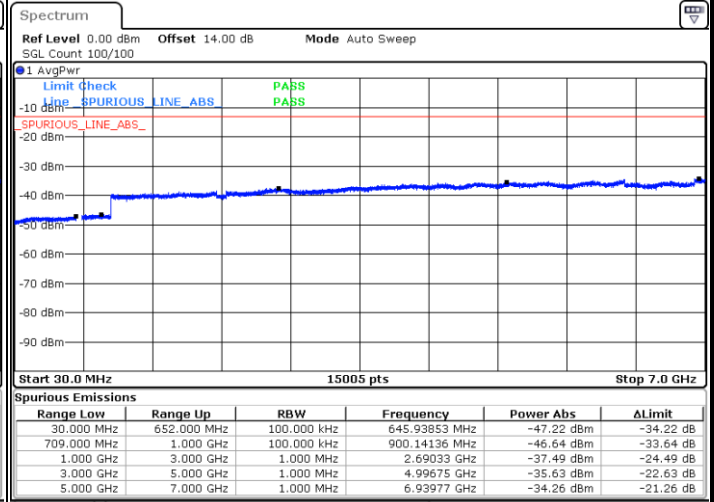
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

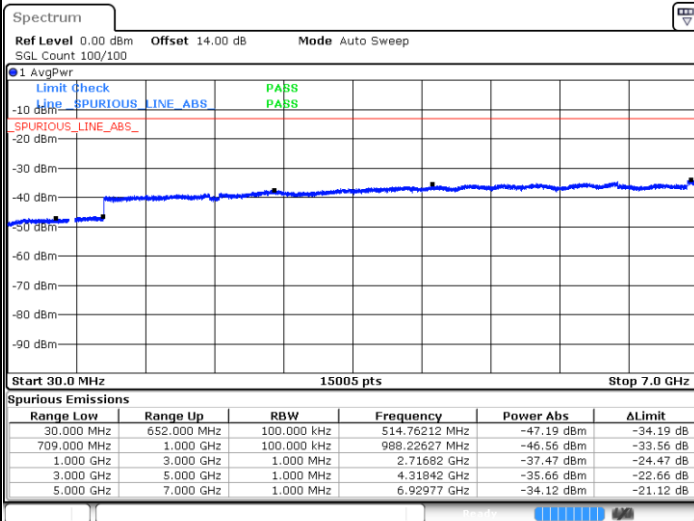


Date: 3 DEC.2019 07:16:18



Date: 3 DEC.2019 07:29:53

Highest Channel / 64QAM



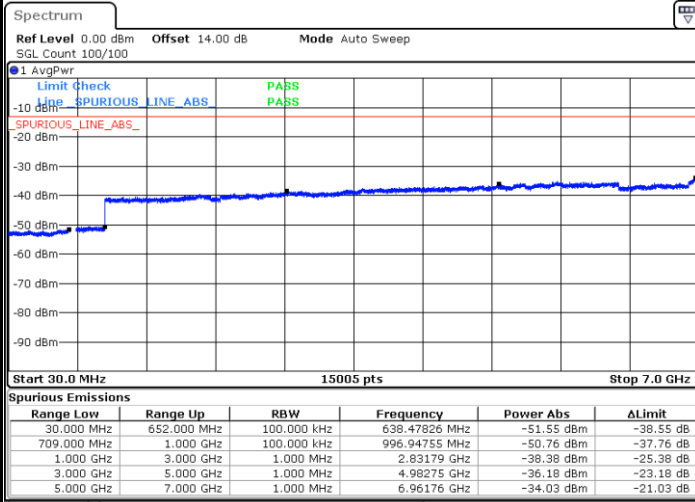
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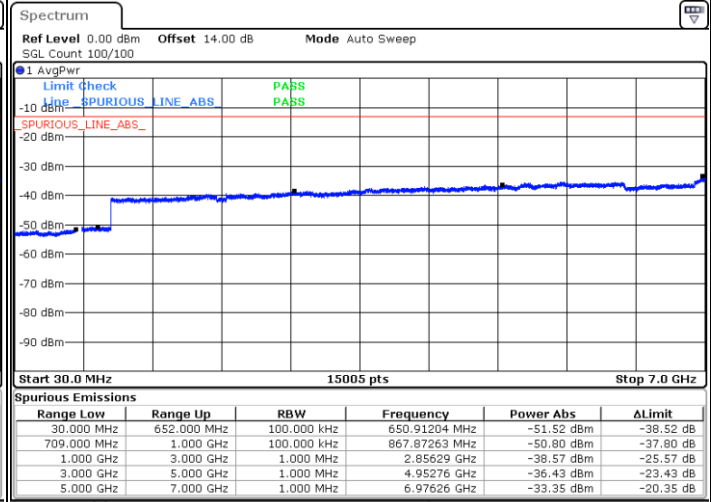
LTE Band 71 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

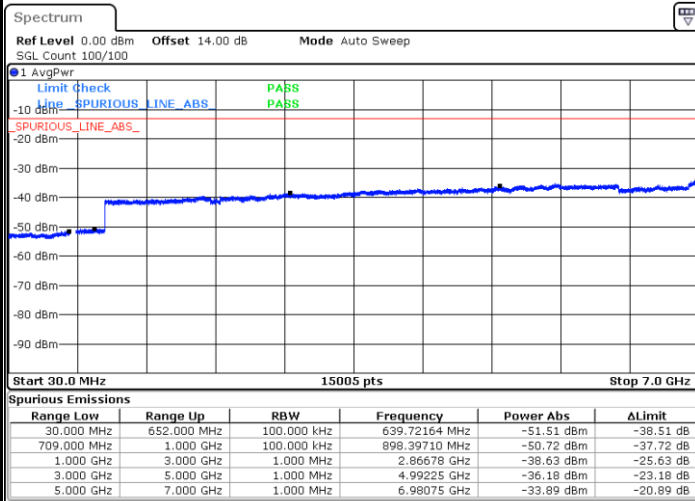


Date: 4.DEC.2019 02:27:58



Date: 4.DEC.2019 02:25:13

Highest Channel / 64QAM



Date: 4.DEC.2019 02:45:20



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	0.0051	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	24.98	29.73	25.23	30.51
Middle CH	24.68	25.03	29.85	25.13	30.39
Highest CH	24.78	25.13	29.79	25.18	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.76	24.83	29.97	34.90	39.64
Middle CH	34.83	24.88	30.03	34.76	39.88
Highest CH	34.76	24.88	30.09	34.90	39.48

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.03	29.73	25.03	30.57
Middle CH	24.58	24.83	29.91	25.13	30.63
Highest CH	24.73	25.03	29.91	25.13	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.83	30.09	34.90	39.64
Middle CH	34.76	24.83	30.09	34.97	39.72
Highest CH	34.83	24.88	29.97	34.97	39.64

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.58	25.03	29.97	25.03	30.45
Middle CH	24.73	25.13	29.79	25.03	30.27
Highest CH	24.58	24.98	29.85	25.03	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.93	30.09	34.76	39.72
Middle CH	34.90	24.88	29.91	35.04	40.04
Highest CH	34.62	24.93	30.09	34.90	39.56