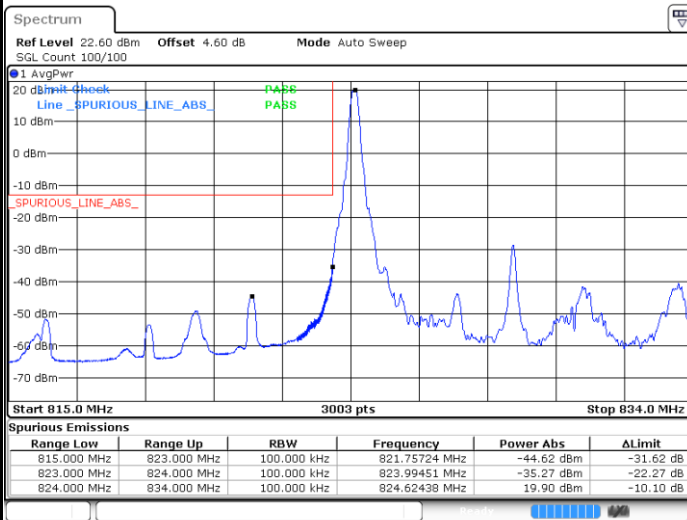




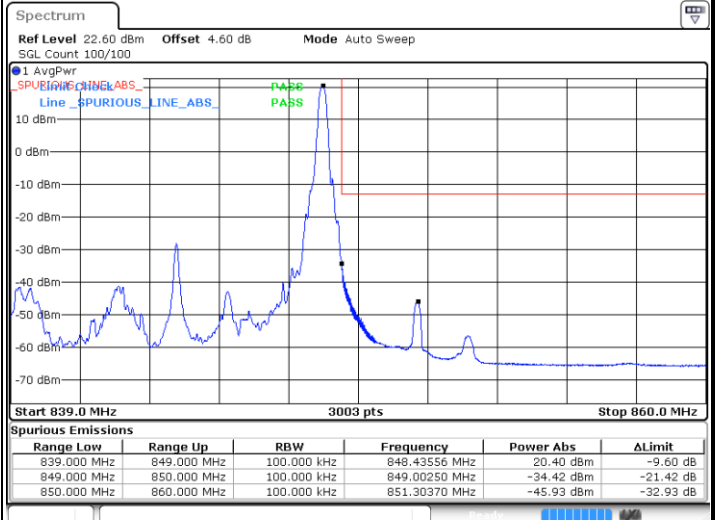
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



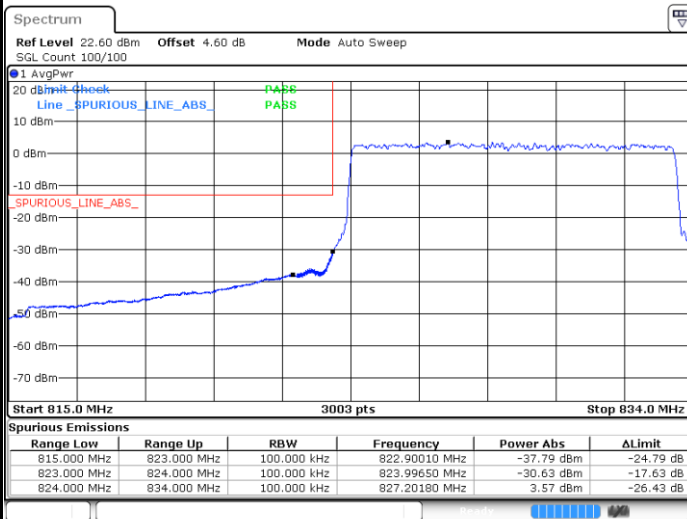
Date: 3 NOV 2019 03:43:56

Highest Band Edge / 1 RB



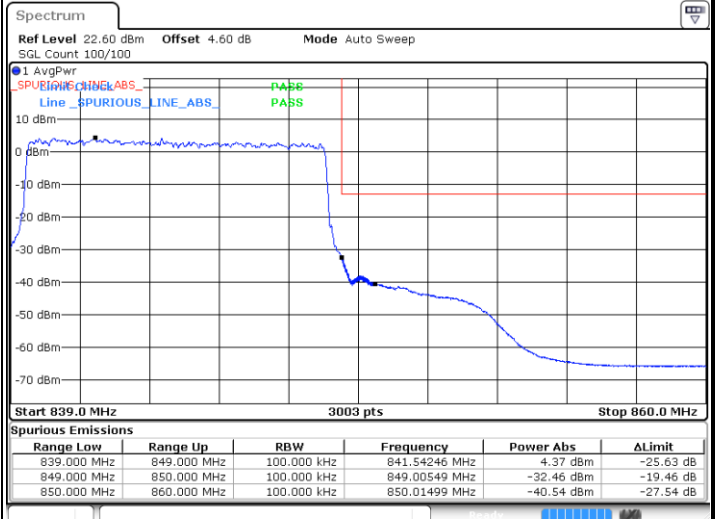
Date: 3 NOV 2019 03:44:38

Lowest Band Edge / Full RB



Date: 3 NOV 2019 03:38:36

Highest Band Edge / Full RB

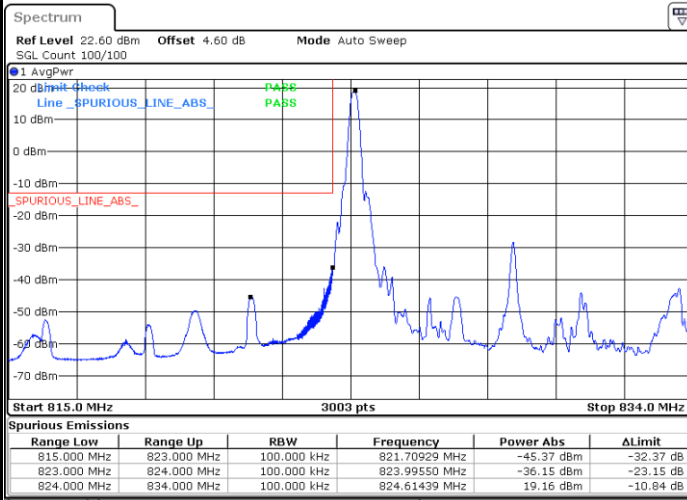


Date: 3 NOV 2019 03:48:01

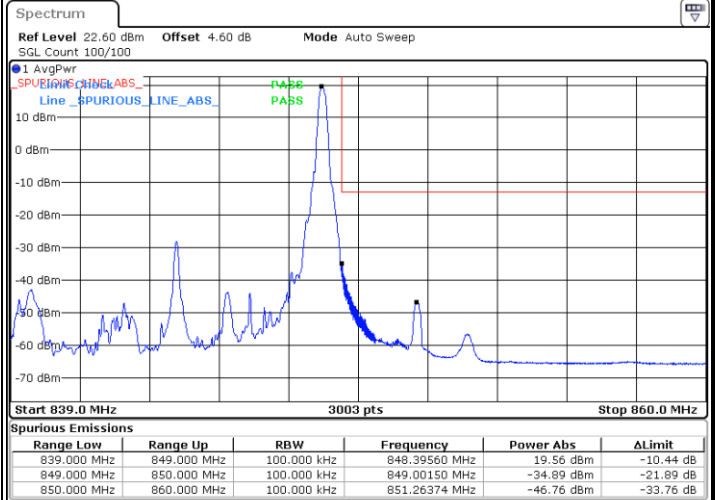


LTE Band 26 / 10MHz / 16QAM

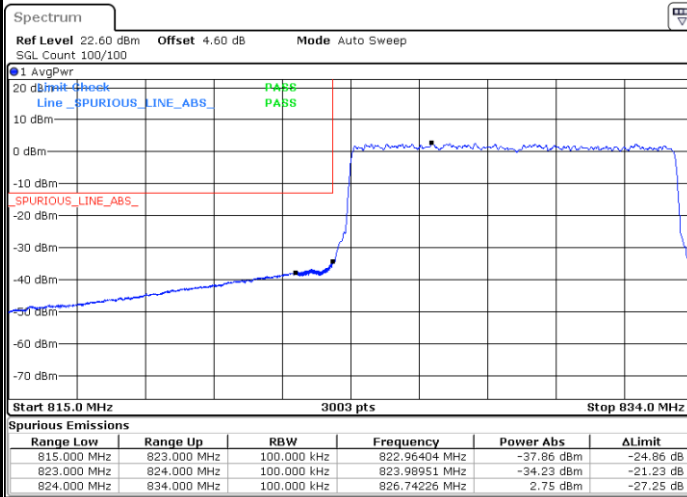
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



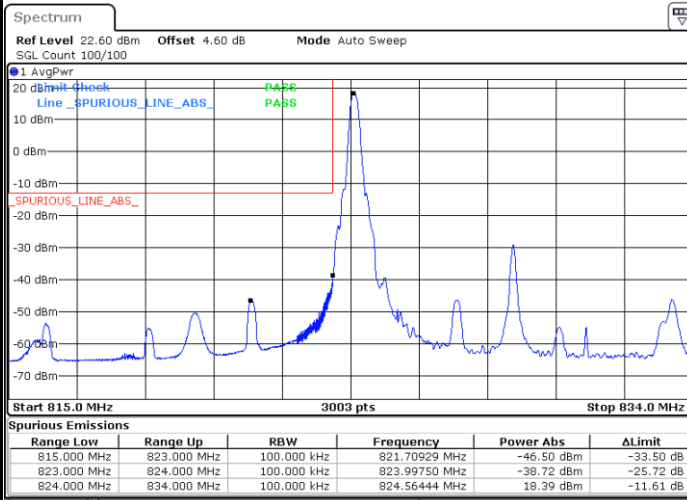
Highest Band Edge / Full RB





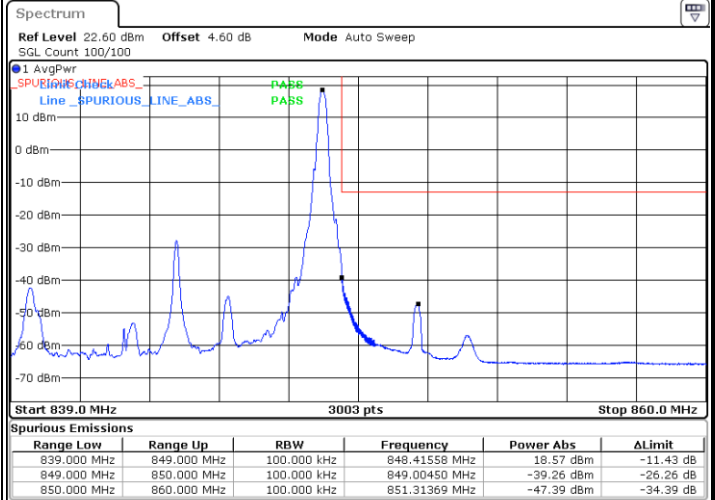
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



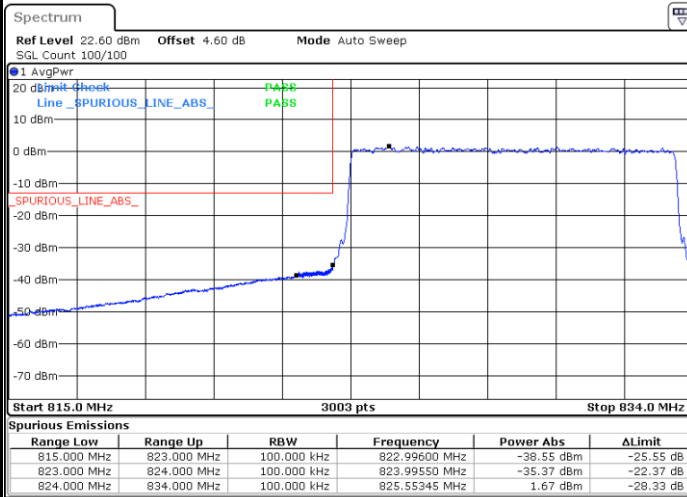
Date: 3.NOV.2019 03:42:42

Highest Band Edge / 1 RB



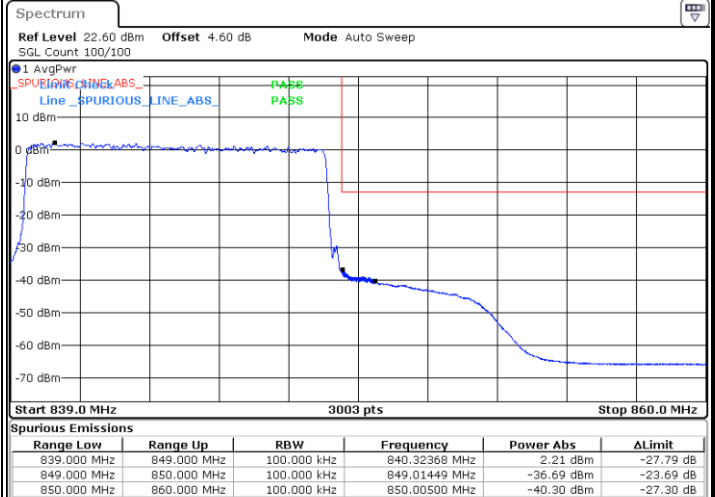
Date: 3.NOV.2019 03:45:56

Lowest Band Edge / Full RB



Date: 3.NOV.2019 03:42:00

Highest Band Edge / Full RB

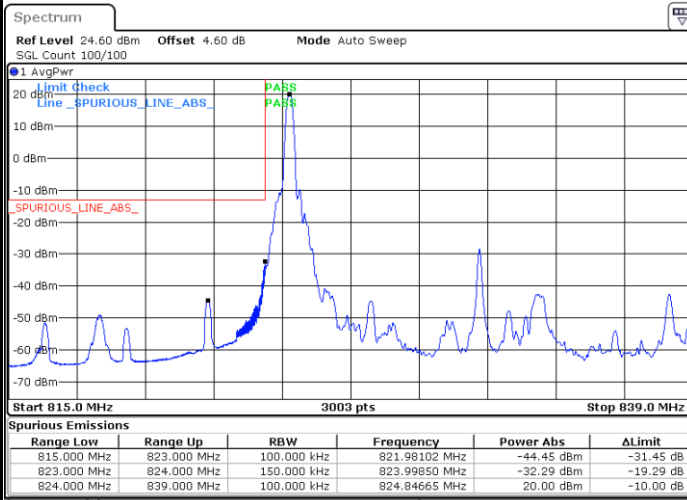


Date: 3.NOV.2019 03:46:34



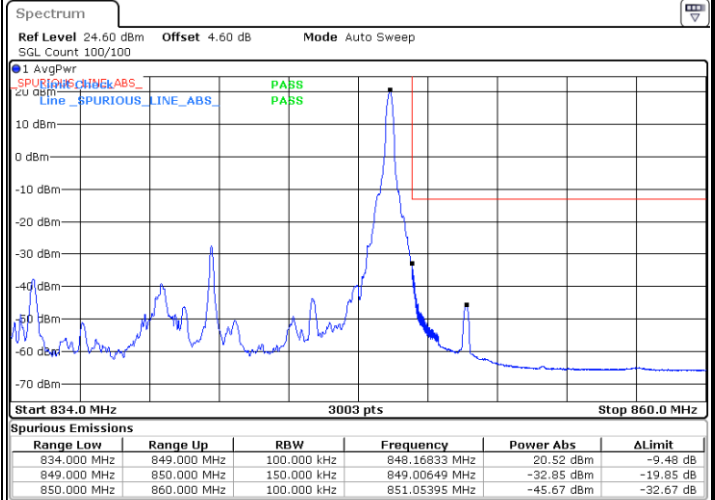
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



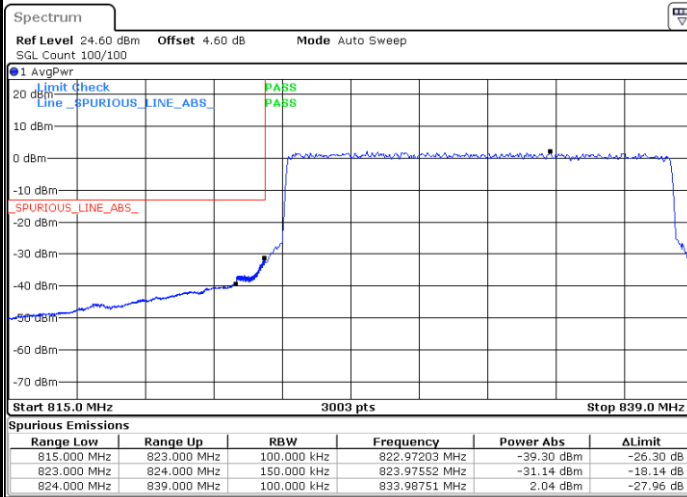
Date: 3 NOV. 2019 03:52:38

Highest Band Edge / 1 RB



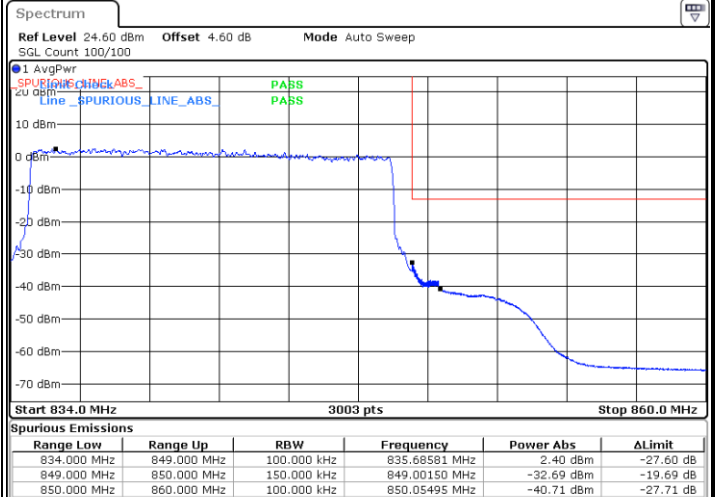
Date: 3 NOV. 2019 03:53:31

Lowest Band Edge / Full RB



Date: 3 NOV. 2019 03:48:44

Highest Band Edge / Full RB

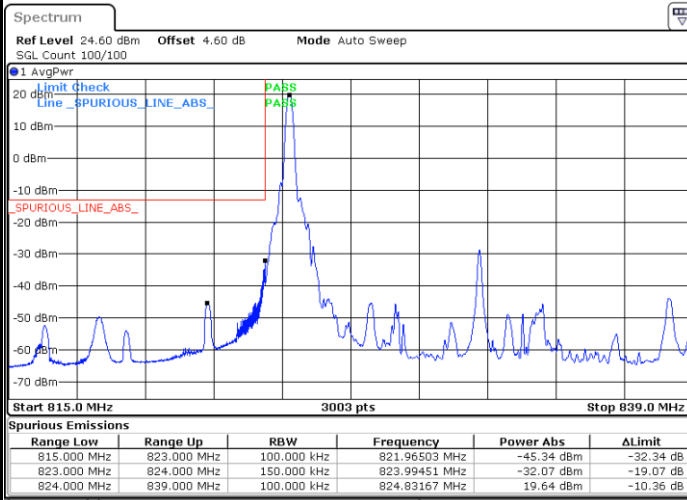


Date: 3 NOV. 2019 03:58:51



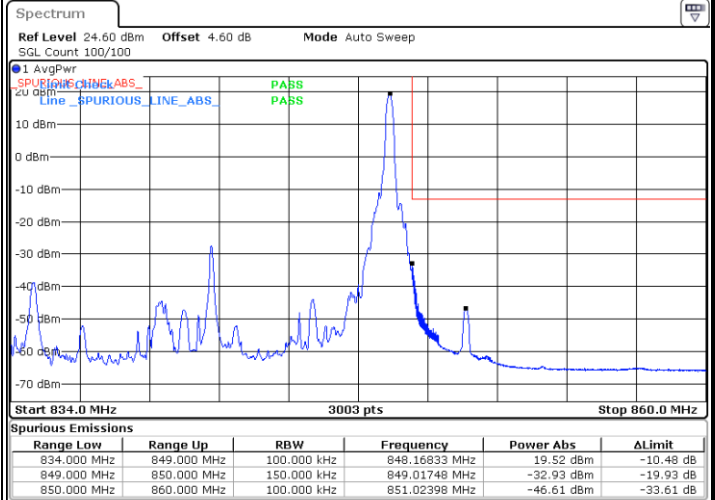
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



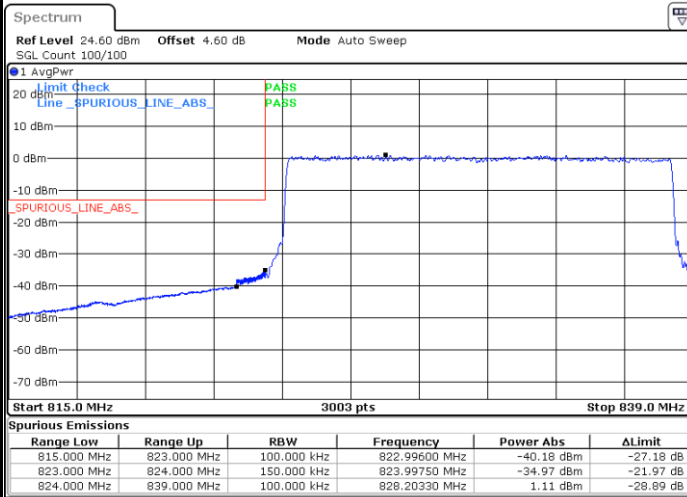
Date: 3 NOV. 2019 03:51:39

Highest Band Edge / 1 RB



Date: 3 NOV. 2019 03:55:00

Lowest Band Edge / Full RB



Date: 3 NOV. 2019 03:49:22

Highest Band Edge / Full RB

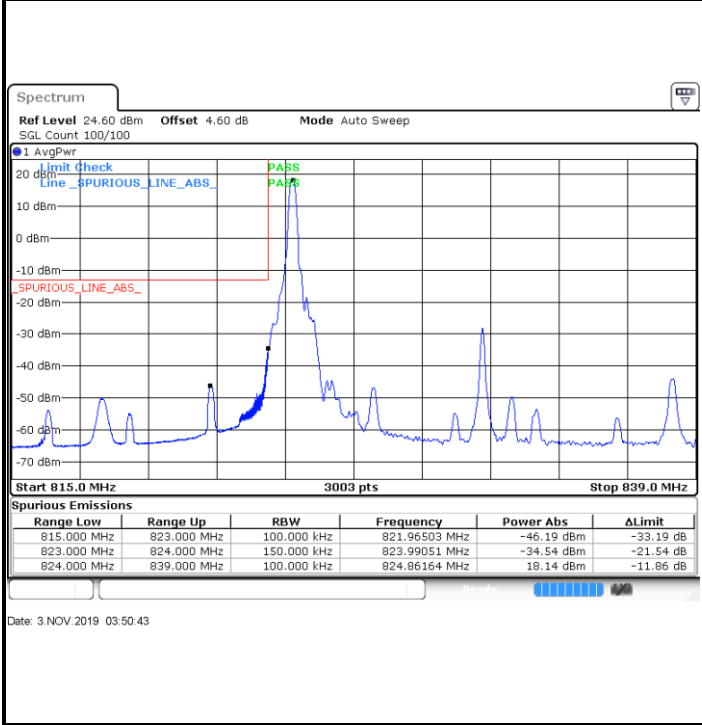


Date: 3 NOV. 2019 03:58:11

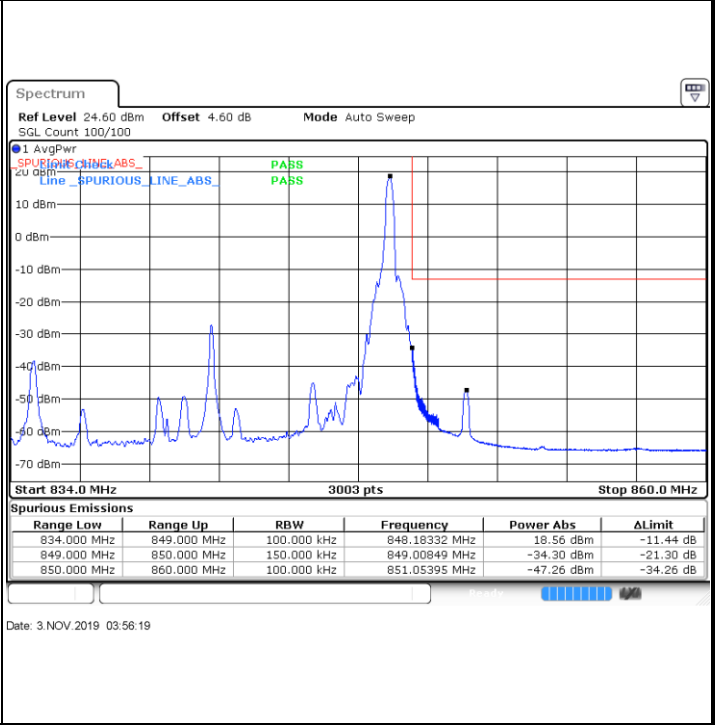


**LTE Band 26 / 15MHz / 64QAM**

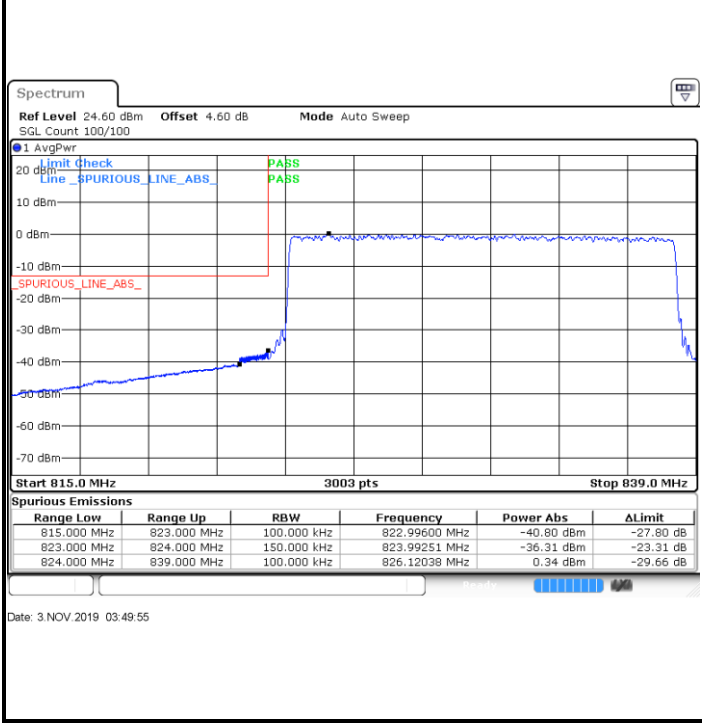
**Lowest Band Edge / 1 RB**



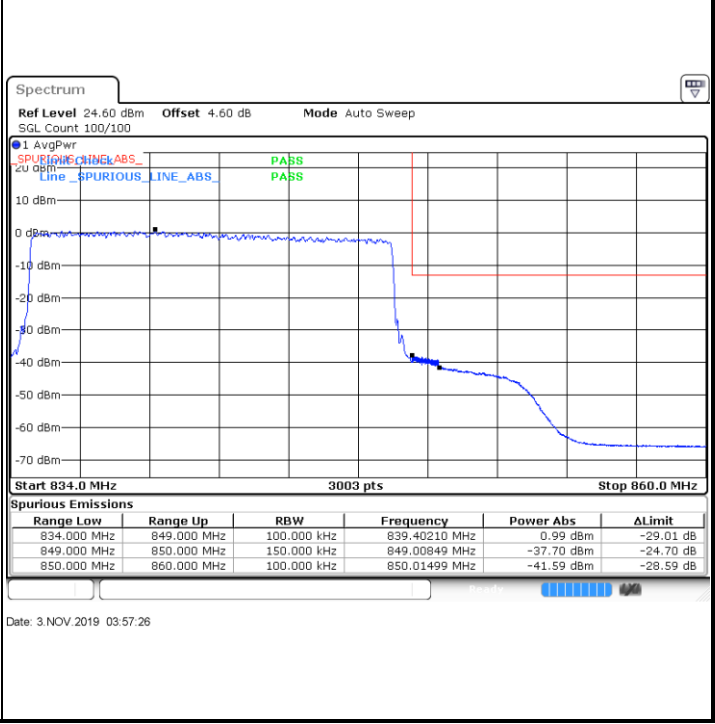
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**

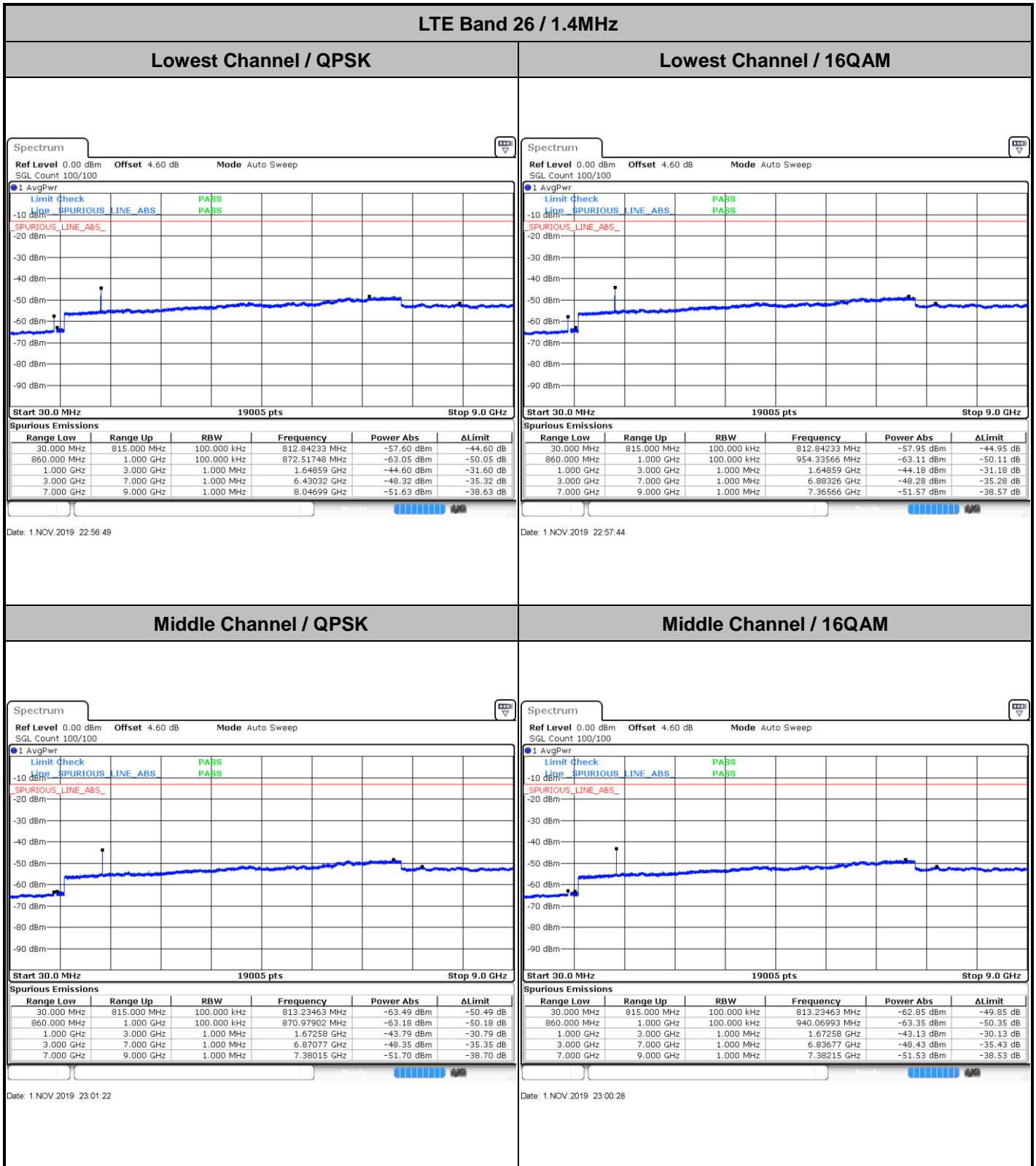


**Highest Band Edge / Full RB**





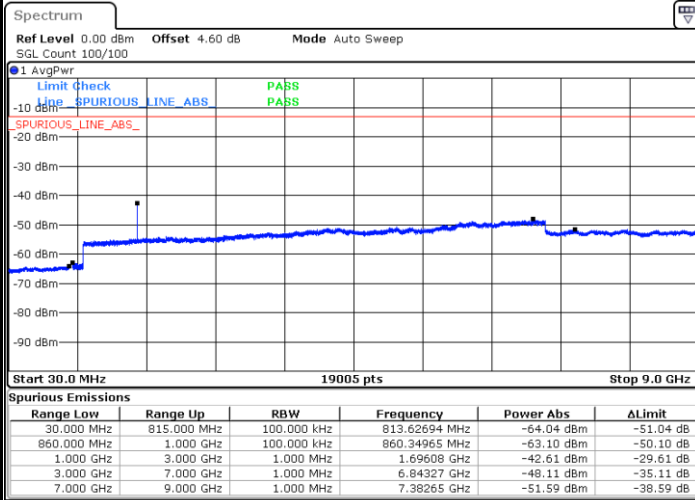
# Conducted Spurious Emission





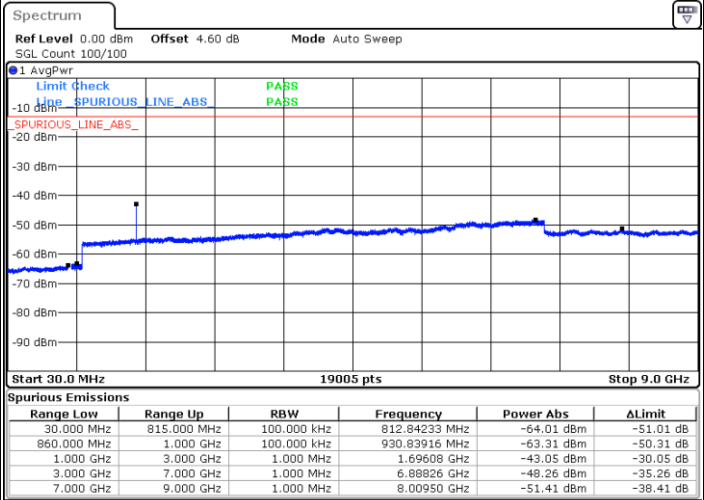
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 1.NOV.2019 23:02:17

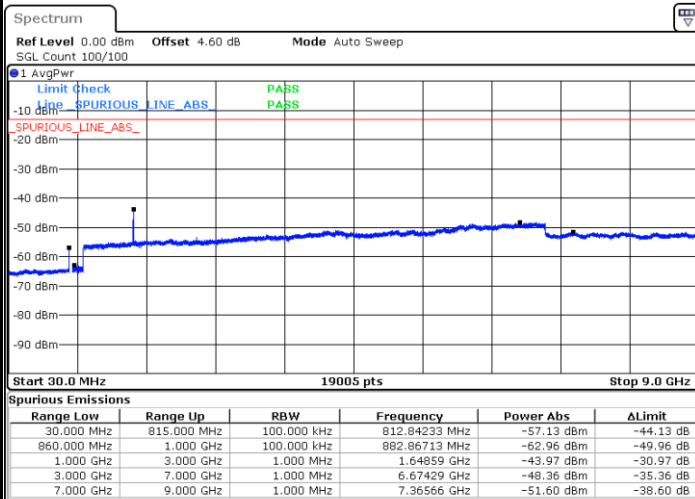
Highest Channel / 16QAM



Date: 1.NOV.2019 23:03:12

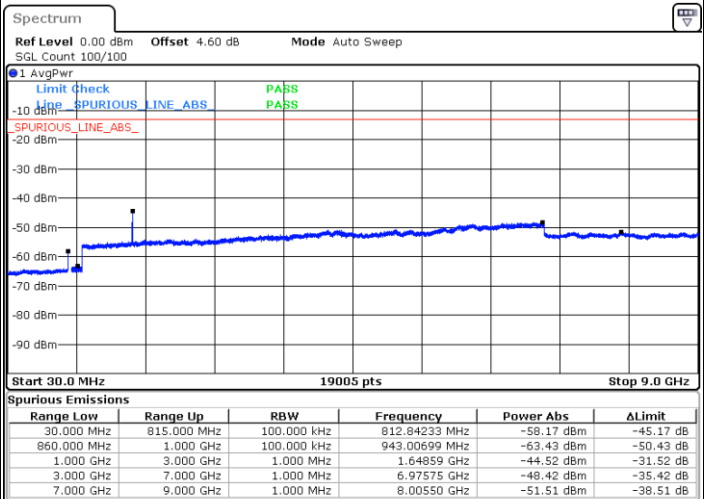
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 1.NOV.2019 23:11:51

Lowest Channel / 16QAM



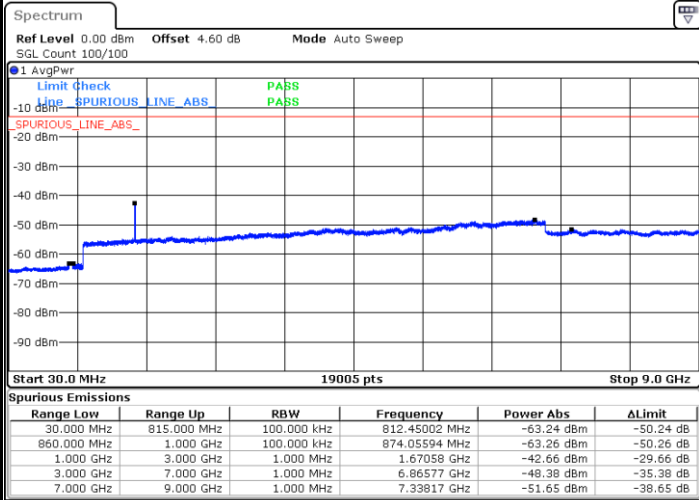
Date: 1.NOV.2019 23:10:57



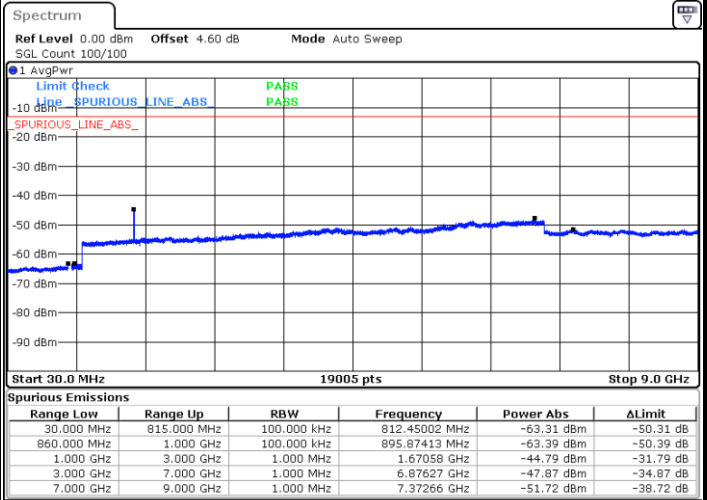
LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



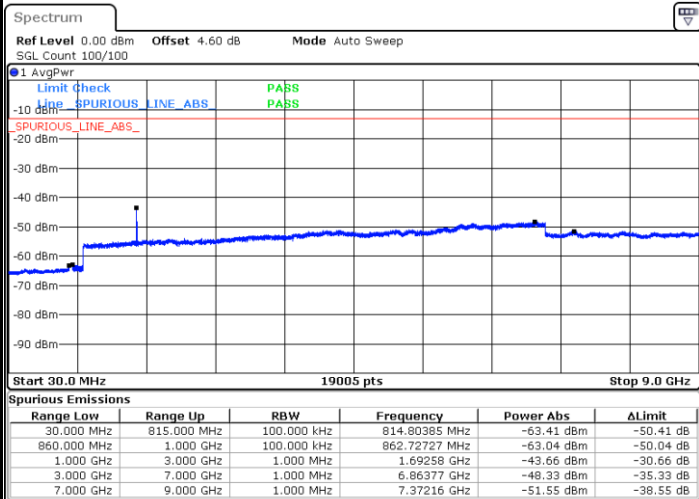
Date: 1.NOV.2019 23:12:46



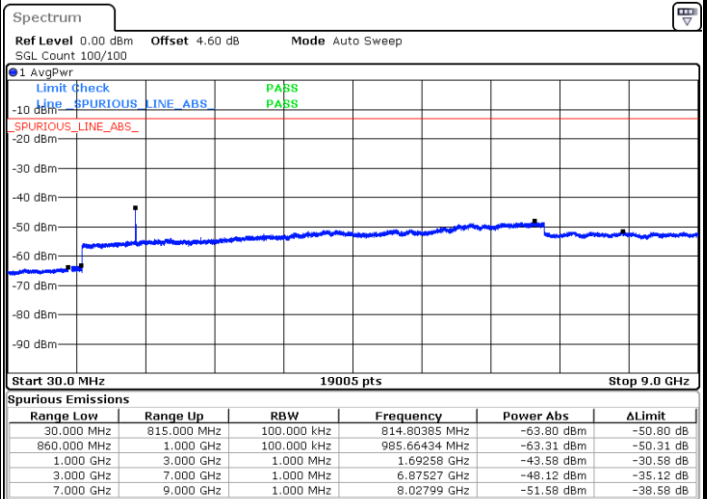
Date: 1.NOV.2019 23:13:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.NOV.2019 23:17:19



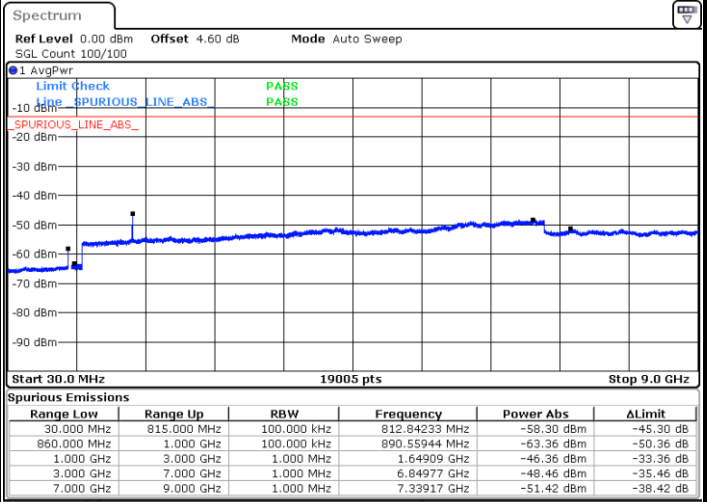
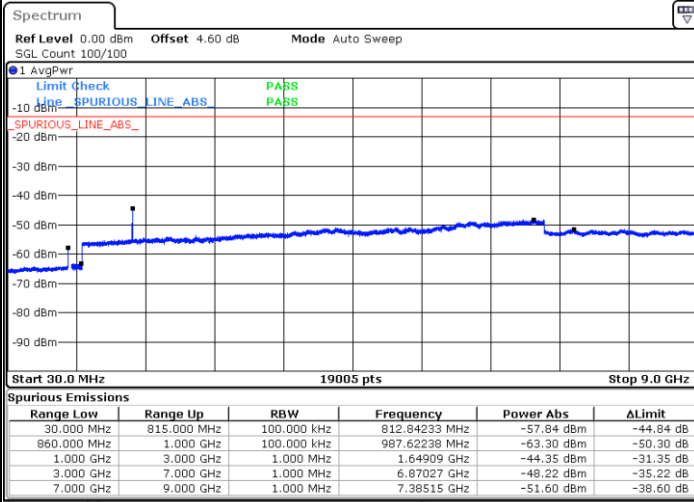
Date: 1.NOV.2019 23:16:25



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

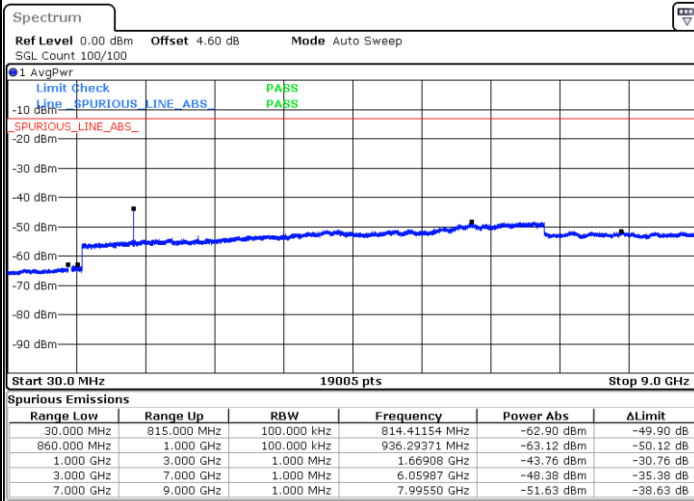


Date: 1.NOV.2019 23:21:15

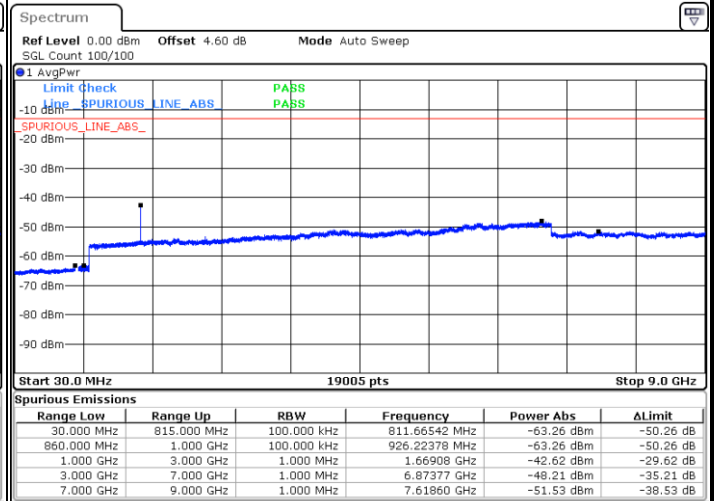
Date: 1.NOV.2019 23:22:09

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.NOV.2019 23:25:48

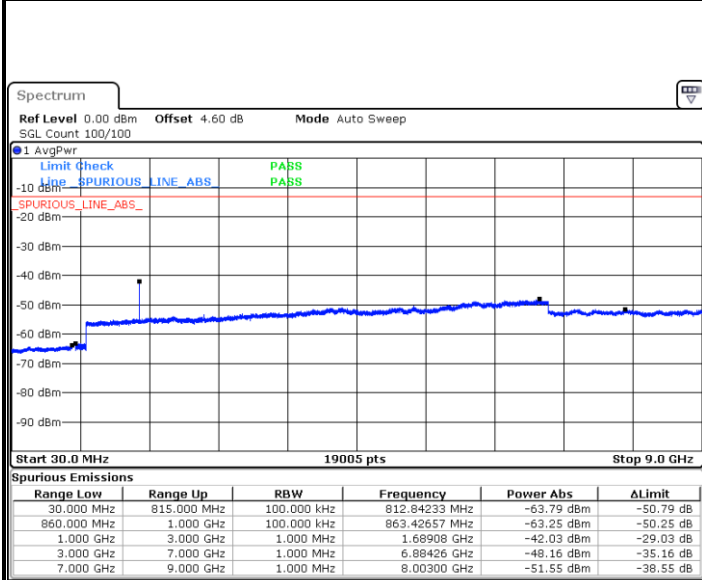


Date: 1.NOV.2019 23:24:53



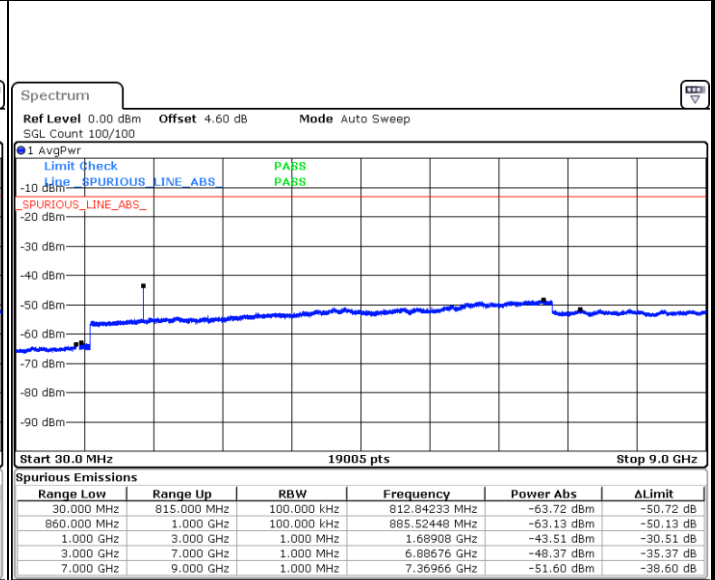
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 1.NOV.2019 23:26:42

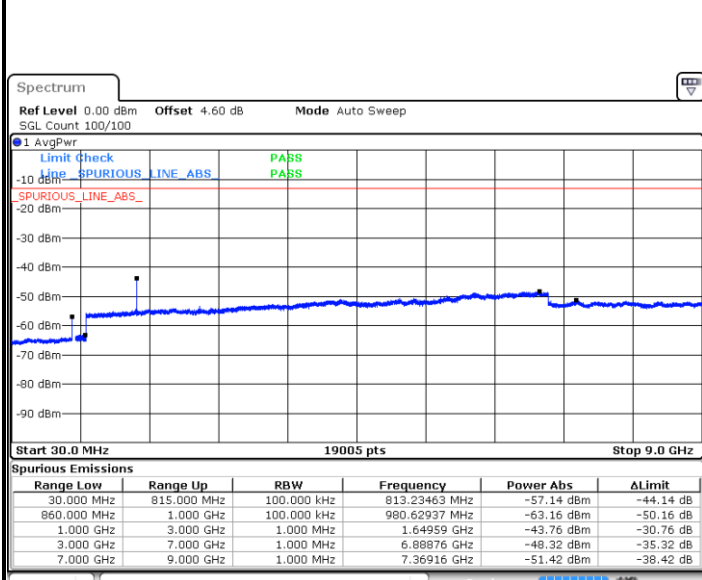
Highest Channel / 16QAM



Date: 1.NOV.2019 23:27:37

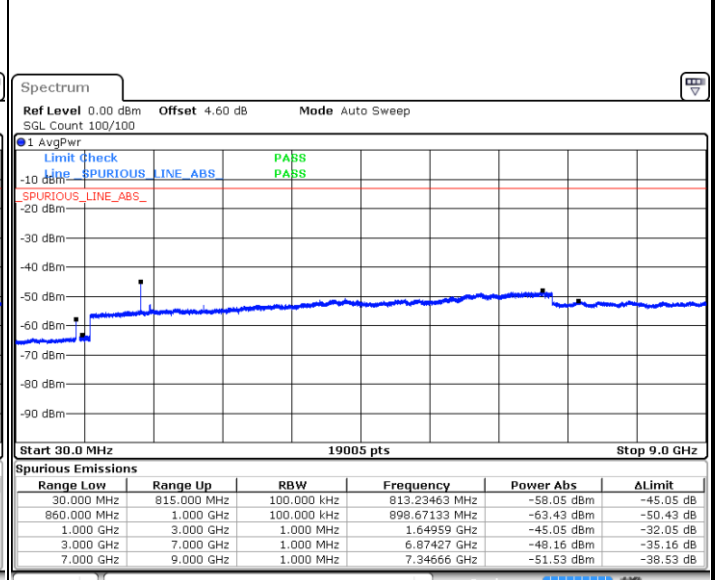
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 1.NOV.2019 23:32:27

Lowest Channel / 16QAM



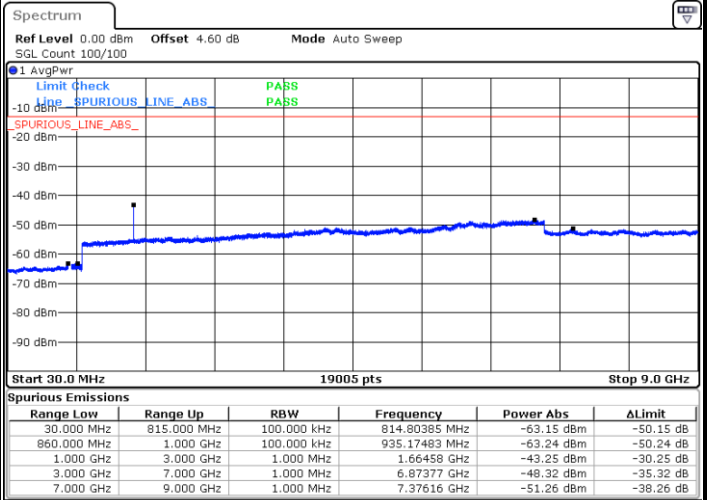
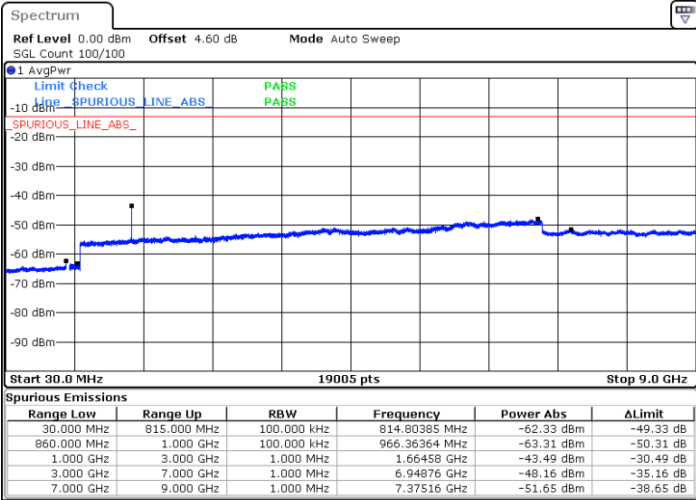
Date: 1.NOV.2019 23:33:22



LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

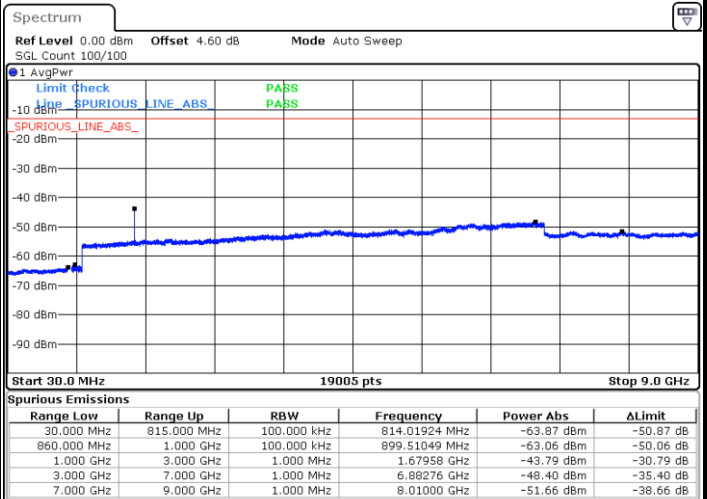
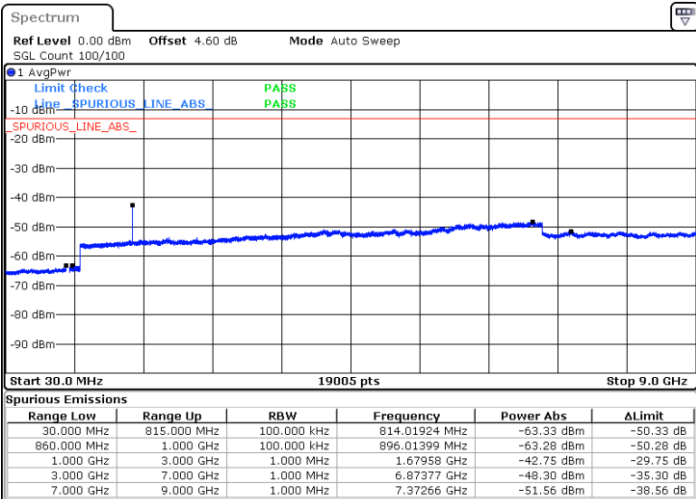


Date: 1.NOV.2019 23:37:00

Date: 1.NOV.2019 23:36:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.NOV.2019 23:37:55

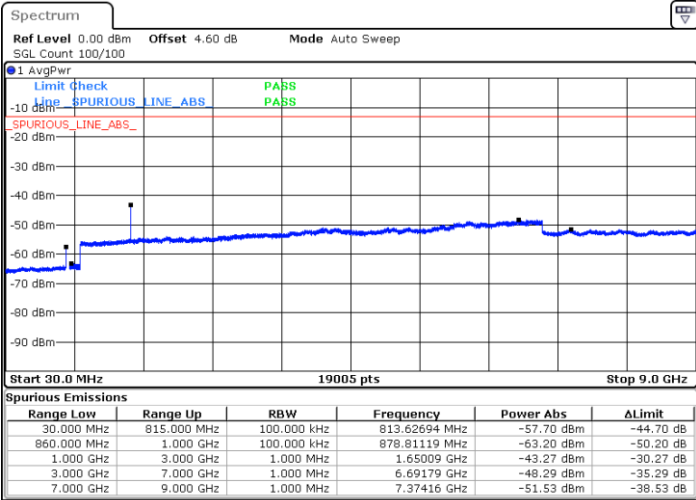
Date: 1.NOV.2019 23:38:49



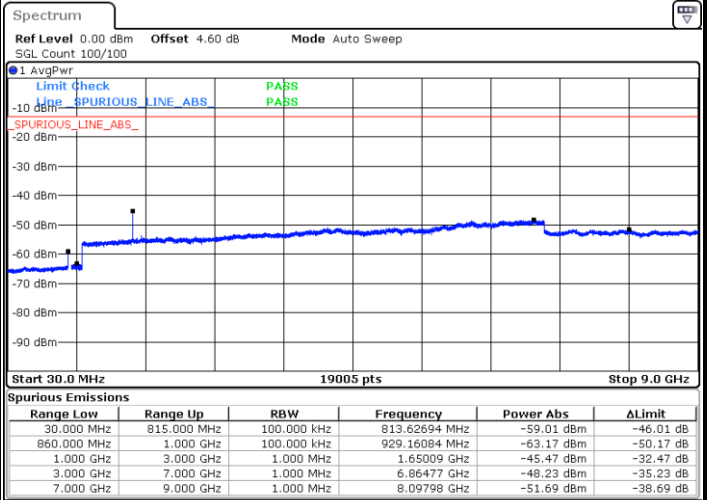
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



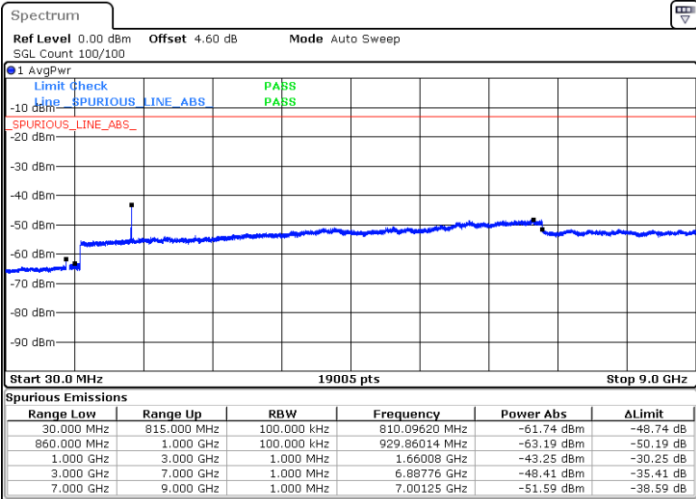
Date: 1.NOV.2019 23:43:40



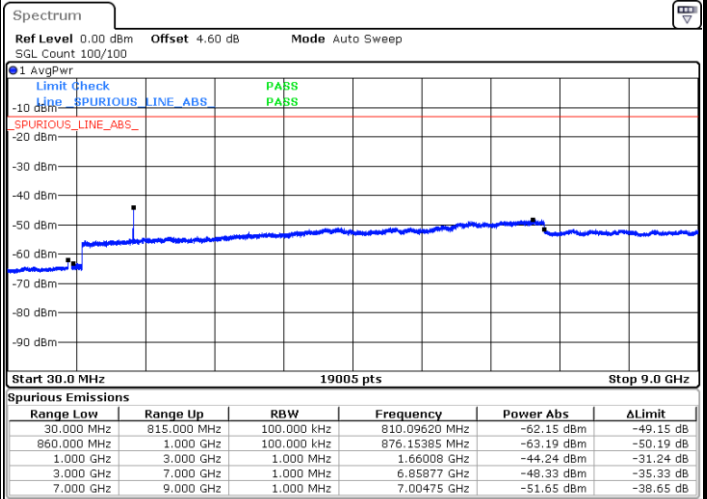
Date: 1.NOV.2019 23:44:34

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.NOV.2019 23:48:13



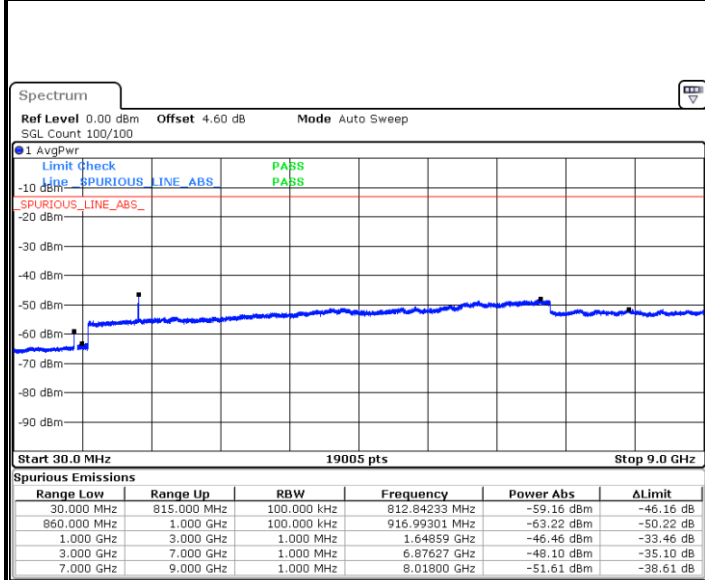
Date: 1.NOV.2019 23:47:18





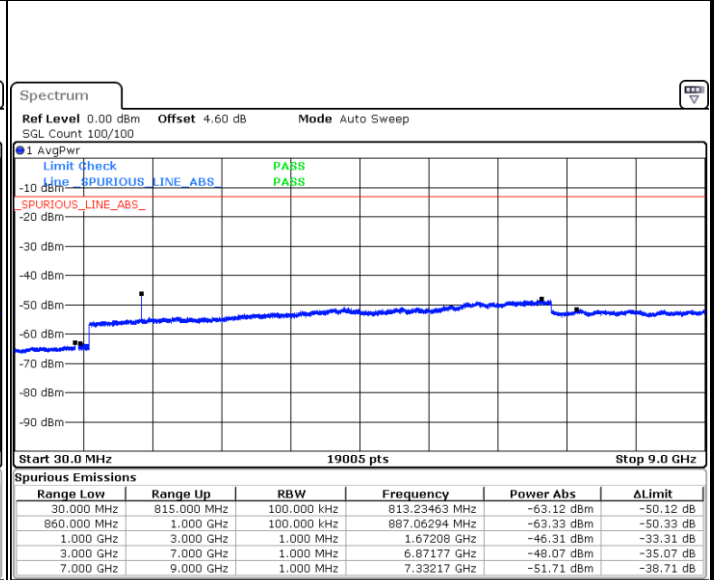
**LTE Band 26 / 1.4MHz**

**Lowest Channel / 64QAM**



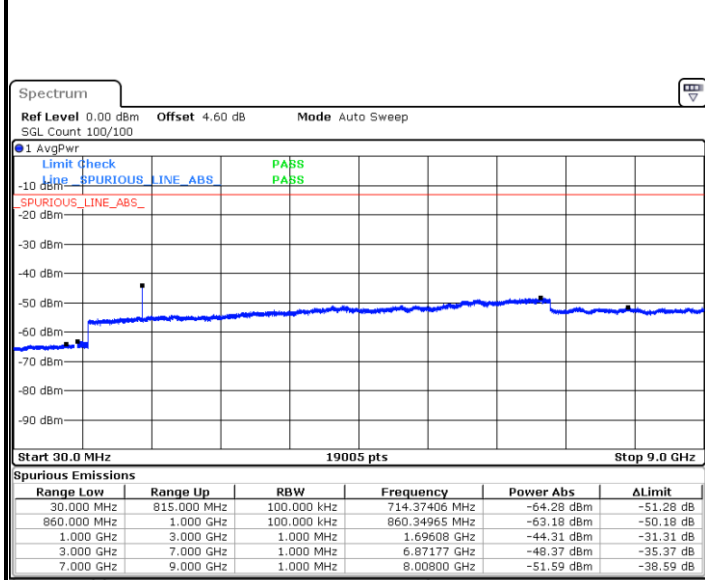
Date: 1.NOV.2019 22:58:38

**Middle Channel / 64QAM**



Date: 1.NOV.2019 22:59:33

**Highest Channel / 64QAM**

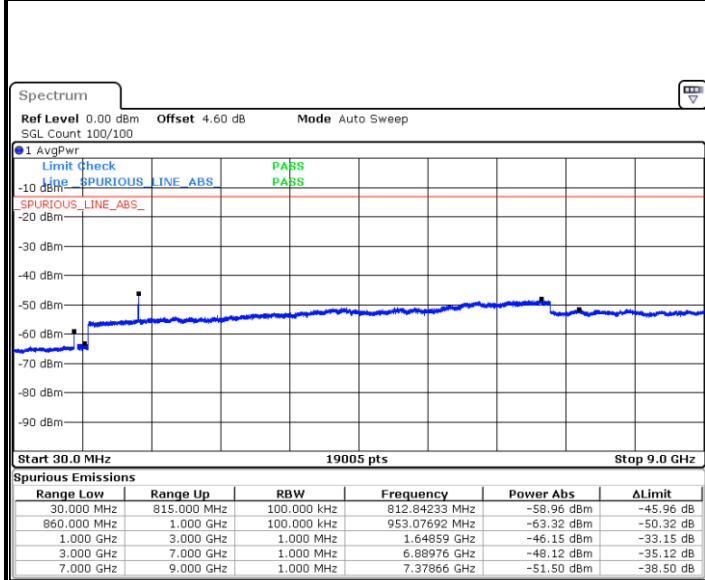


Date: 1.NOV.2019 23:04:06



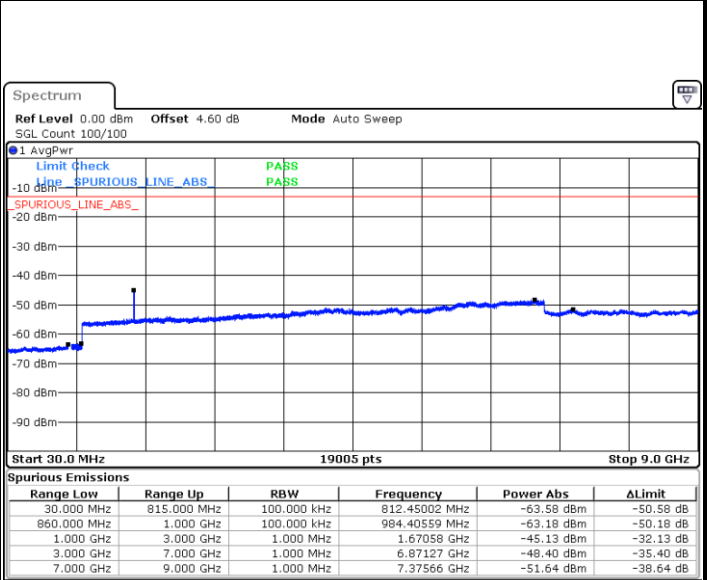
**LTE Band 26 / 3MHz**

**Lowest Channel / 64QAM**



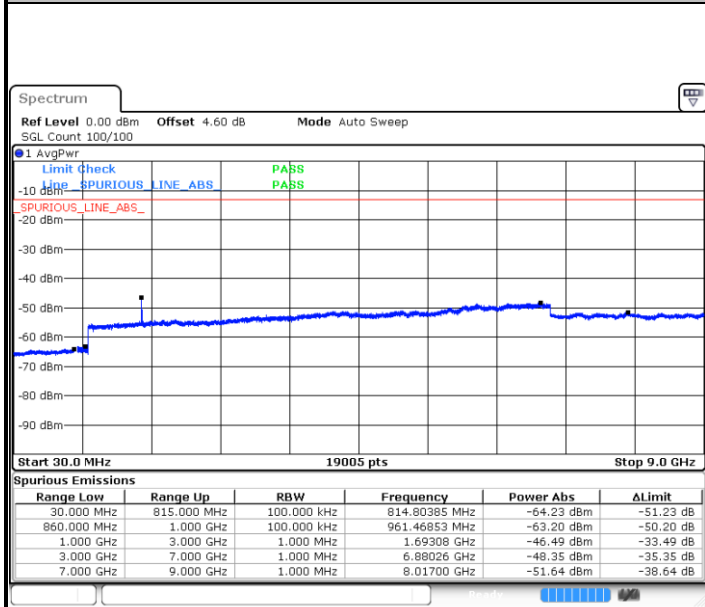
Date: 1.NOV.2019 23:10:02

**Middle Channel / 64QAM**



Date: 1.NOV.2019 23:14:35

**Highest Channel / 64QAM**



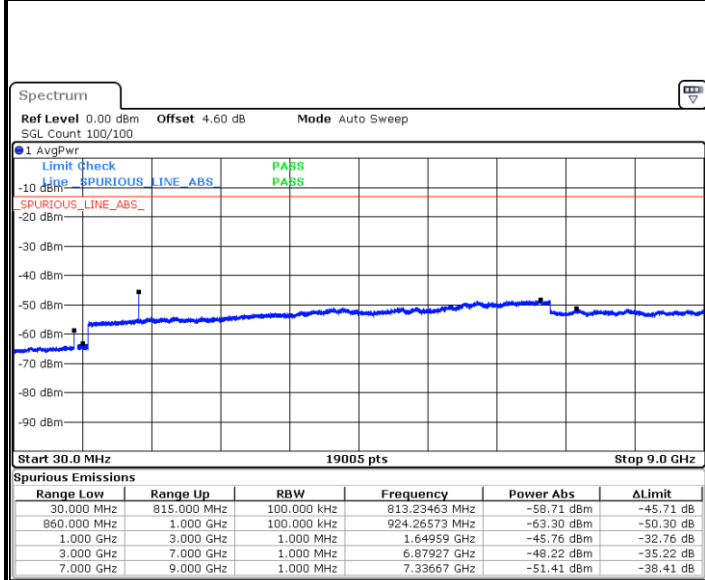
Date: 1.NOV.2019 23:15:30





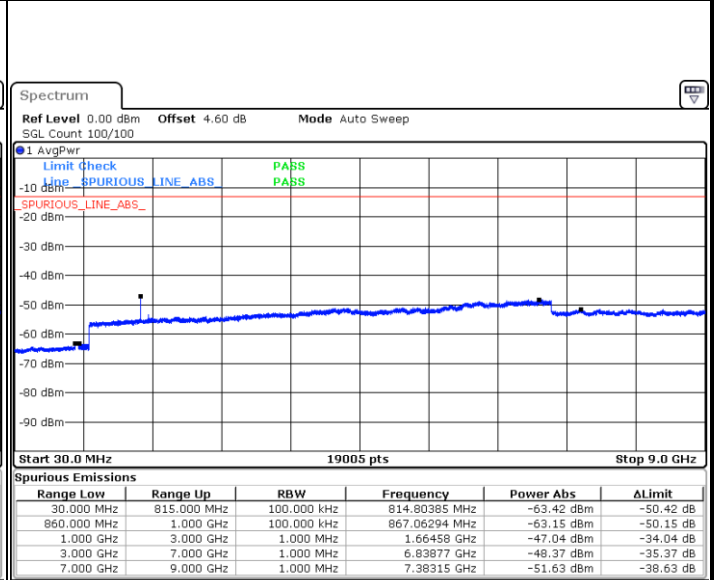
**LTE Band 26 / 10MHz**

**Lowest Channel / 64QAM**



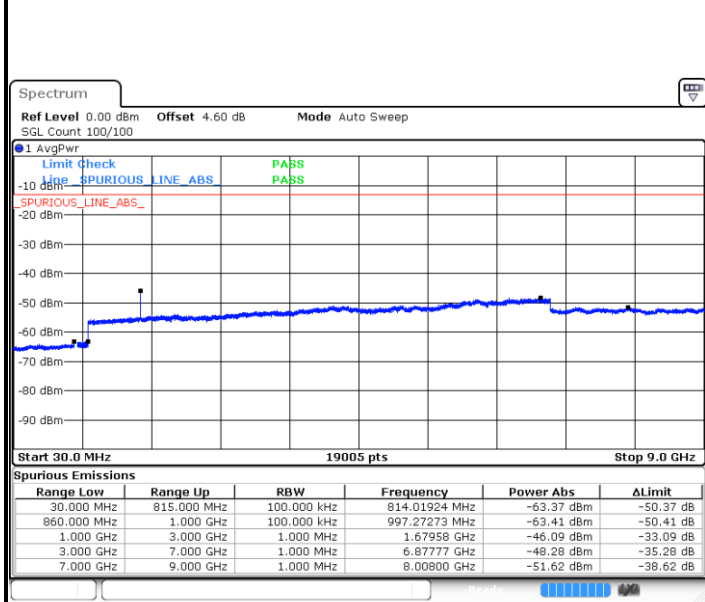
Date: 1.NOV.2019 23:34:16

**Middle Channel / 64QAM**



Date: 1.NOV.2019 23:35:11

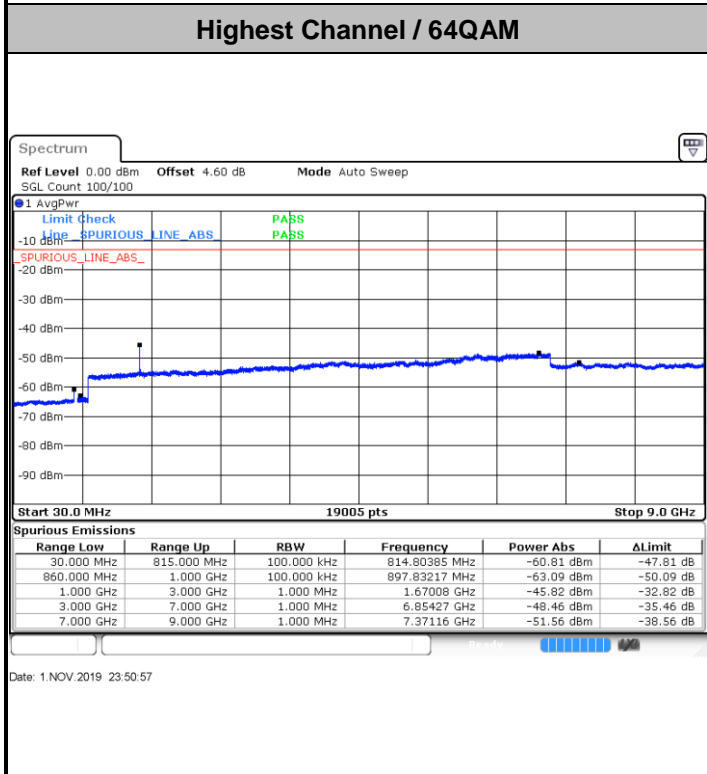
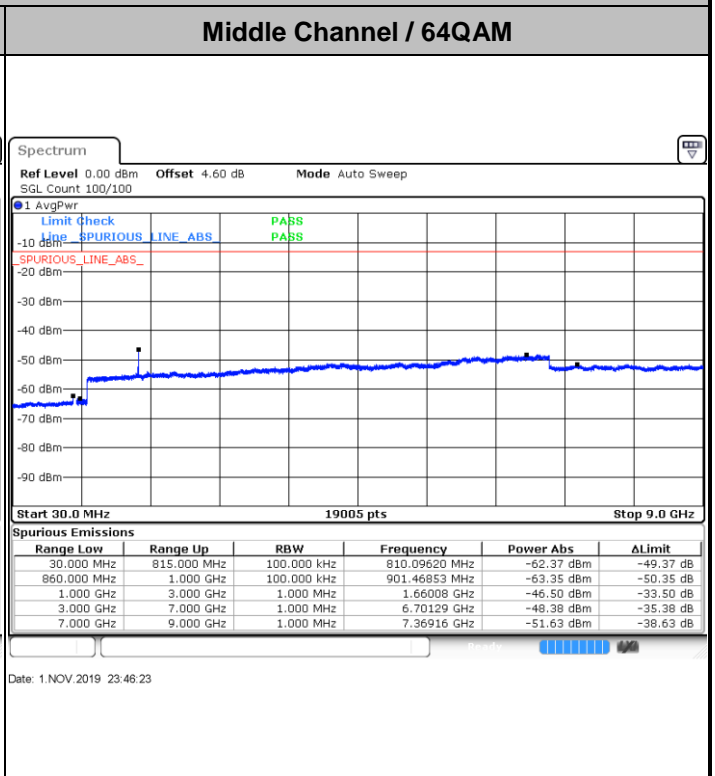
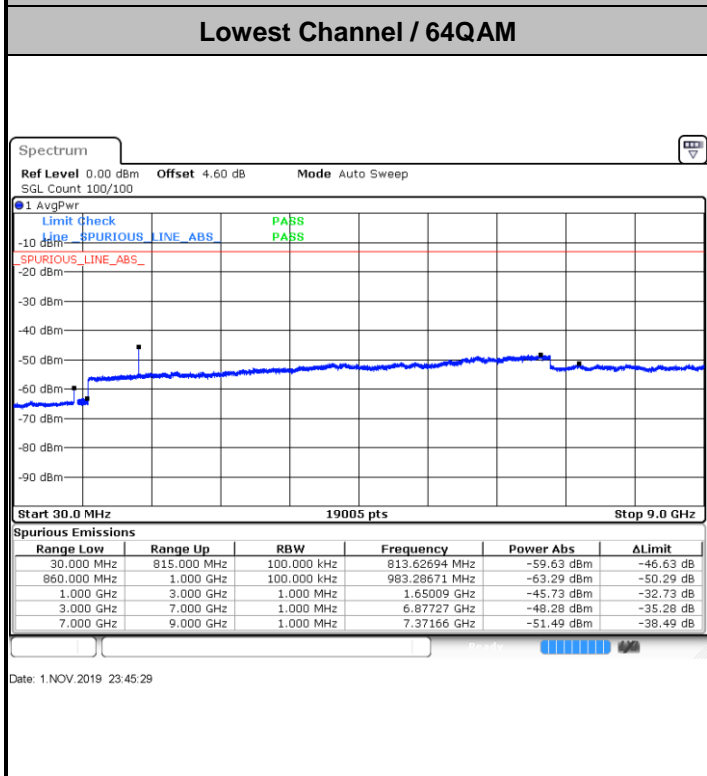
**Highest Channel / 64QAM**



Date: 1.NOV.2019 23:39:44



**LTE Band 26 / 15MHz**





### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0080	PASS
40	Normal Voltage	0.0077	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0091	
0	Normal Voltage	0.0068	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0078	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41

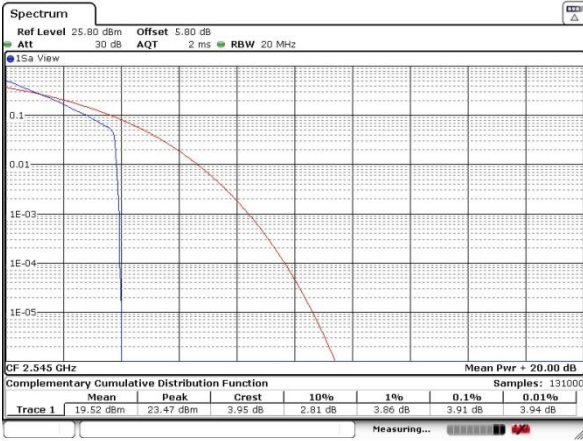
## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.91	5.19	6.09	5.86	<b>PASS</b>
Middle CH	5.57	4.29	5.45	6.41	
Highest CH	3.83	5.04	5.42	5.62	
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.14	6.55			<b>PASS</b>
Middle CH	6.32	5.57			
Highest CH	6.38	5.62			



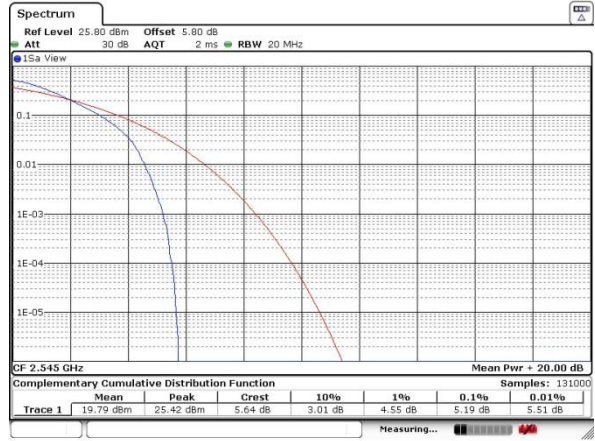
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



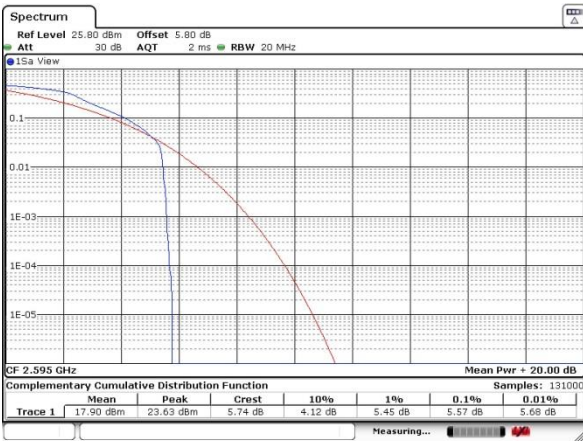
Date: 5 NOV 2019 22:57:42

Lowest Channel / Full RB



Date: 5 NOV 2019 22:55:33

Middle Channel / 1RB



Date: 5 NOV 2019 22:58:17

Middle Channel / Full RB



Date: 5 NOV 2019 23:00:23

Highest Channel / 1RB



Date: 5 NOV 2019 23:03:17

Highest Channel / Full RB

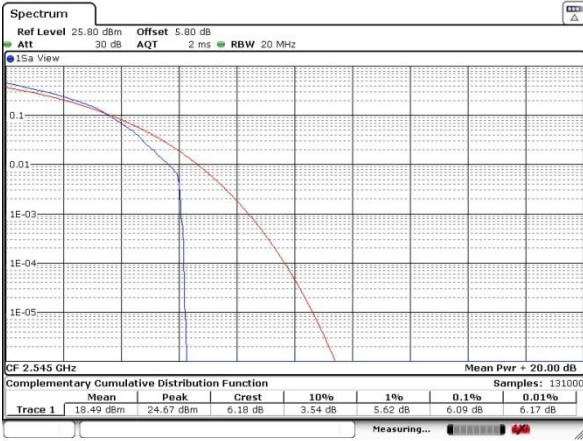


Date: 5 NOV 2019 23:01:22



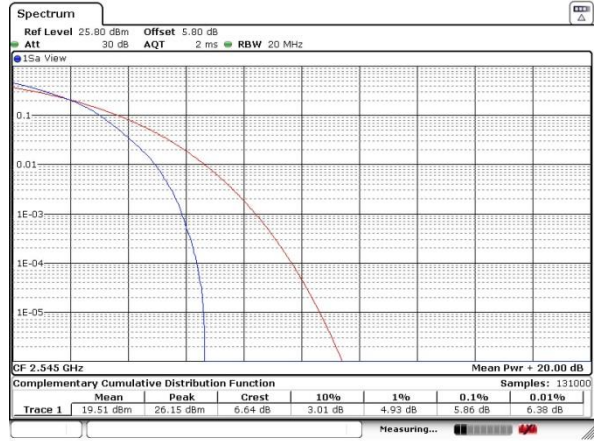
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



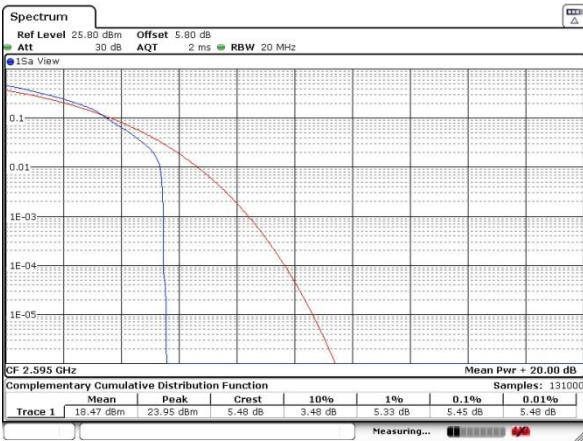
Date: 5 NOV 2019 22:57:19

Lowest Channel / Full RB



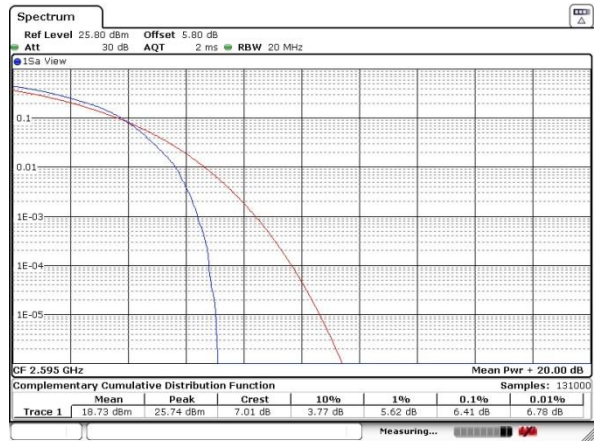
Date: 5 NOV 2019 22:56:19

Middle Channel / 1RB



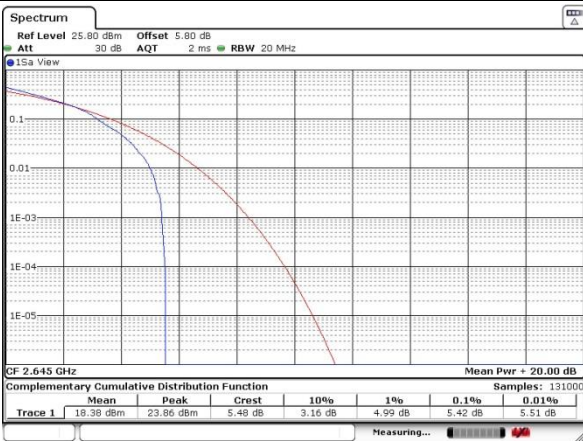
Date: 5 NOV 2019 22:58:42

Middle Channel / Full RB



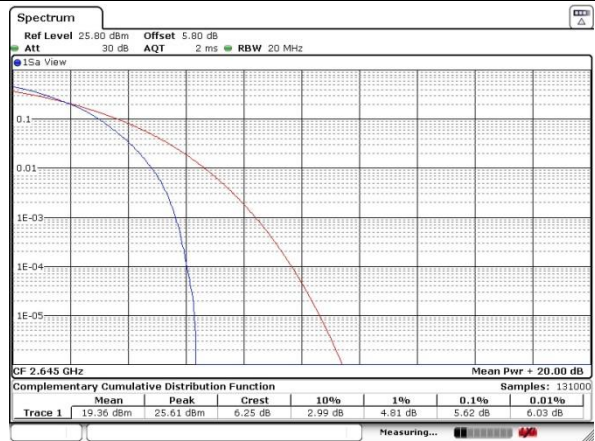
Date: 5 NOV 2019 23:00:1

Highest Channel / 1RB



Date: 5 NOV 2019 23:02:54

Highest Channel / Full RB



Date: 5 NOV 2019 23:01:48



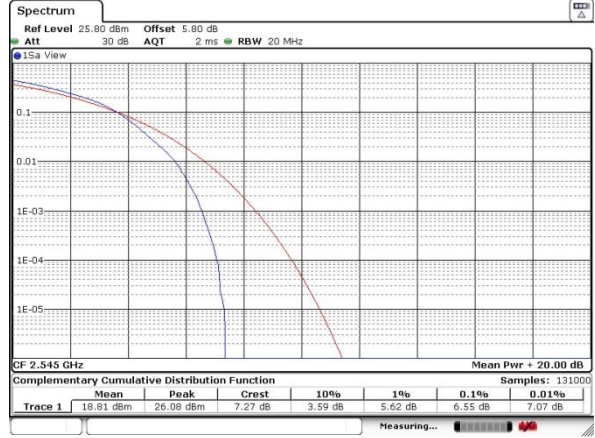
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



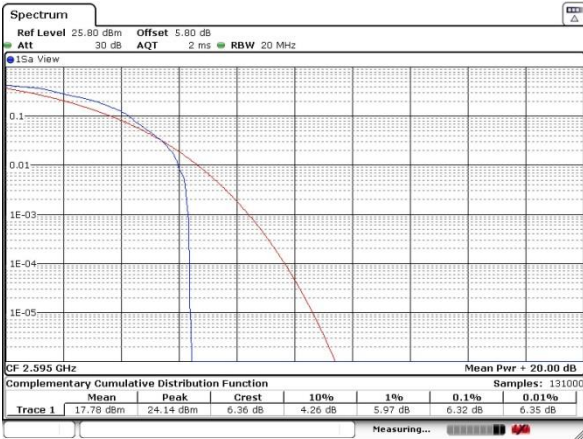
Date: 5 NOV 2019 22:56:57

Lowest Channel / Full RB



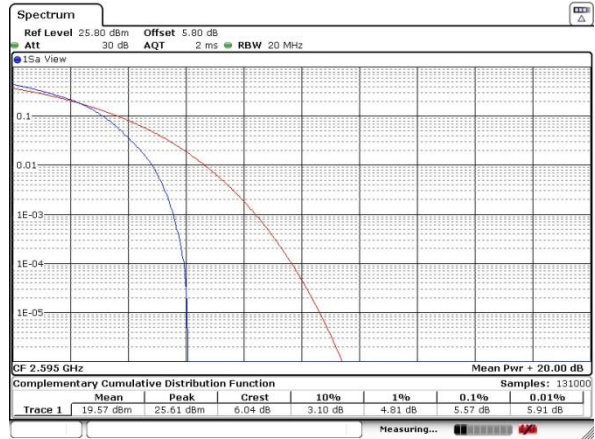
Date: 5 NOV 2019 22:56:37

Middle Channel / 1RB



Date: 5 NOV 2019 22:59:10

Middle Channel / Full RB



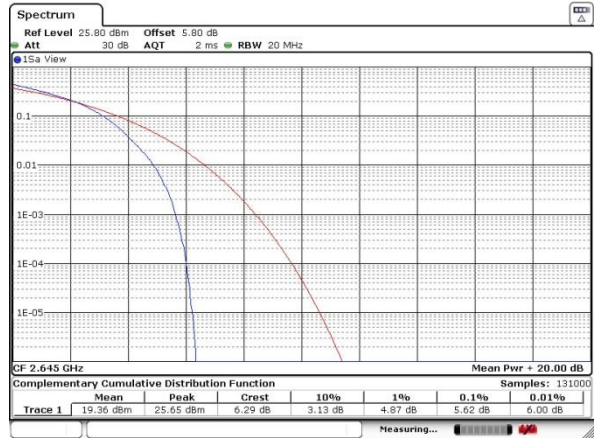
Date: 5 NOV 2019 22:59:35

Highest Channel / 1RB



Date: 5 NOV 2019 23:02:25

Highest Channel / Full RB



Date: 5 NOV 2019 23:02:06



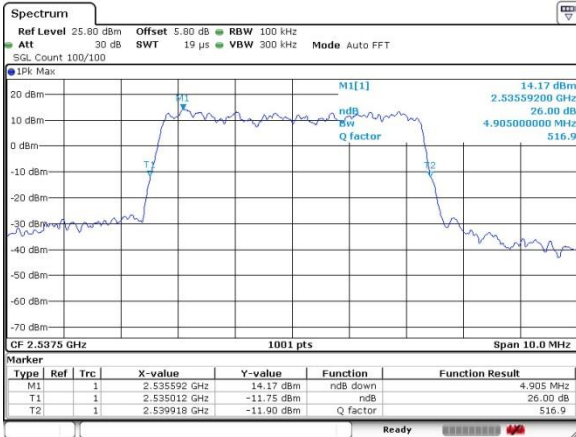
**26dB Bandwidth**

Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.91	4.92	9.75	9.65	14.30	14.36	20.14	20.02
Middle CH	4.87	4.94	9.77	9.67	14.33	14.39	20.14	20.06
Highest CH	4.97	4.83	9.73	9.85	14.33	14.33	20.10	20.14
Mod.	64QAM		64QAM		64QAM		64QAM	
Lowest CH	4.88		9.89		14.42		20.14	
Middle CH	4.77		9.67		14.30		20.06	
Highest CH	4.93		9.79		14.33		20.02	

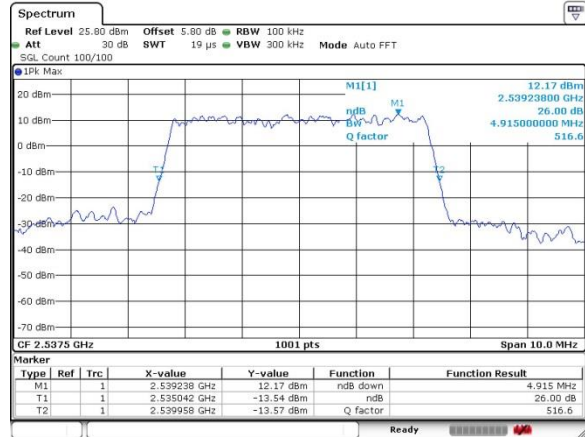


LTE Band 41

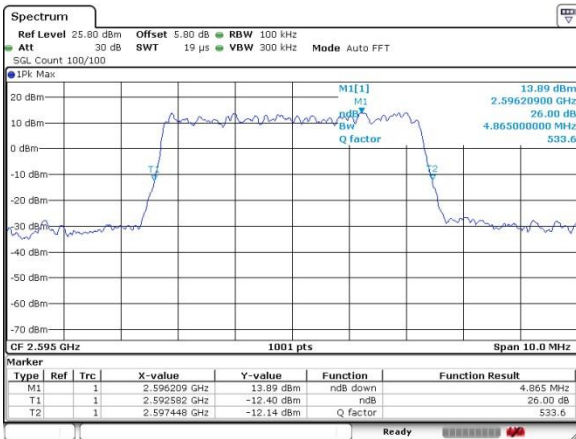
Lowest Channel / 5MHz / QPSK



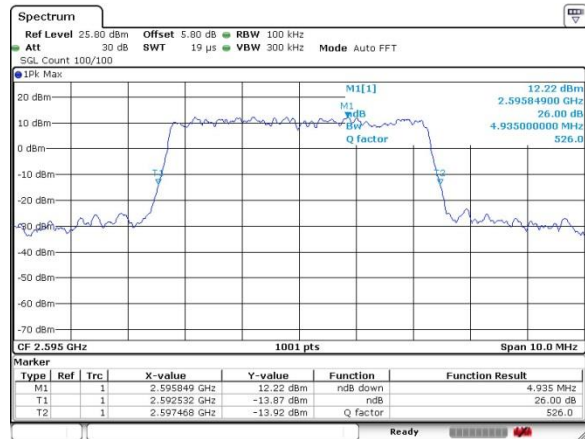
Lowest Channel / 5MHz / 16QAM



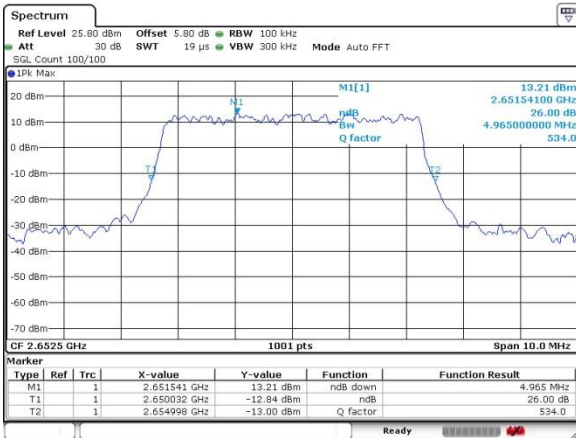
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM

