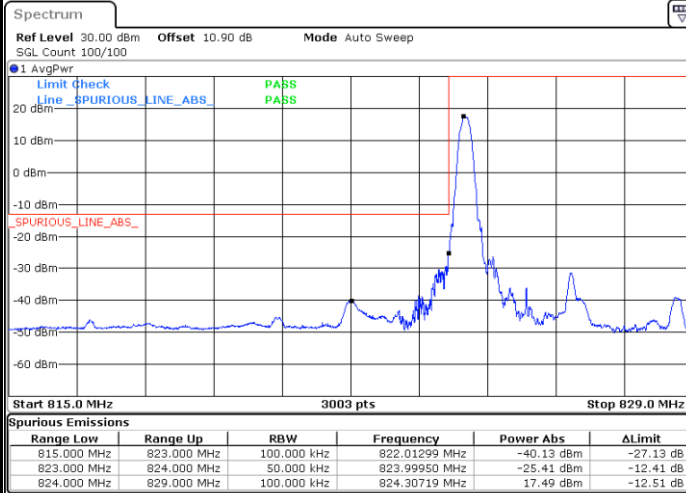


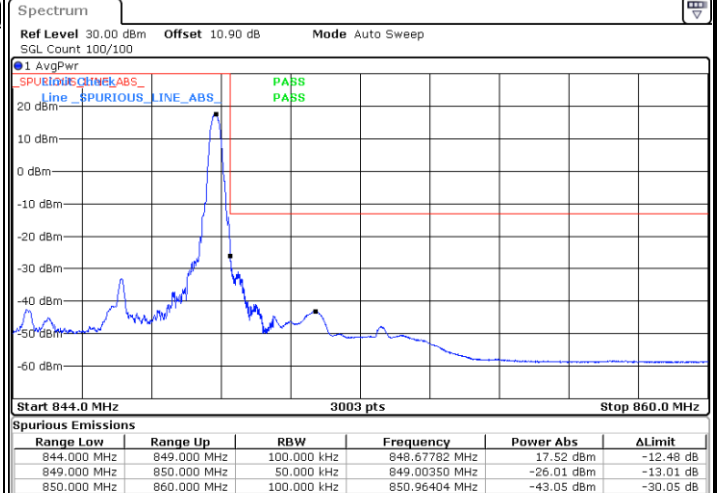


LTE Band 26 / 5MHz / 256QAM

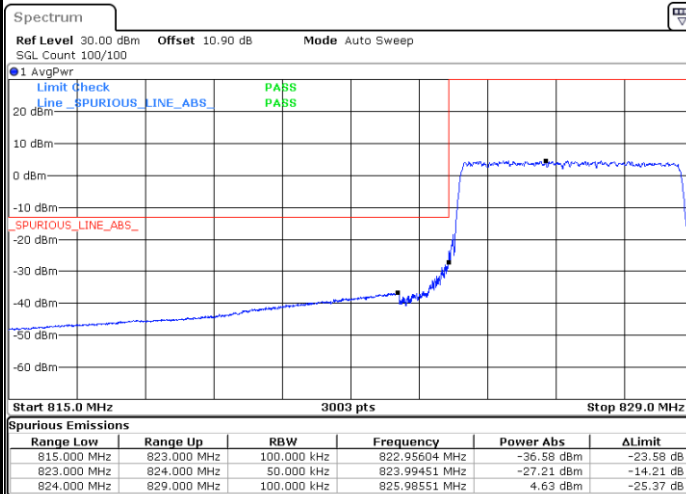
Lowest Band Edge / 1RB



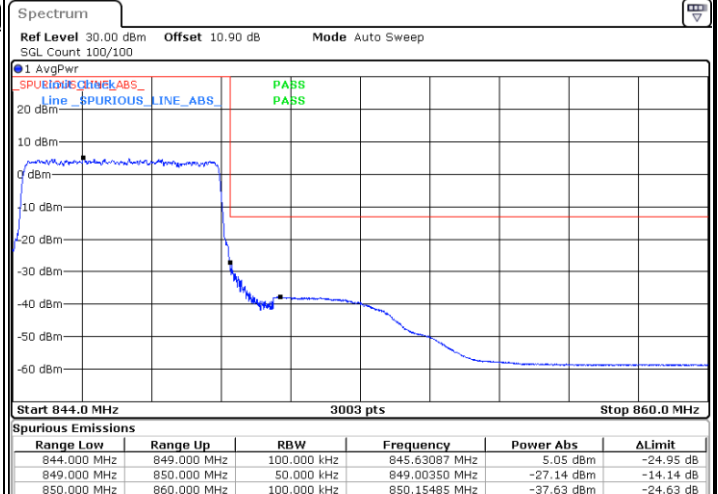
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



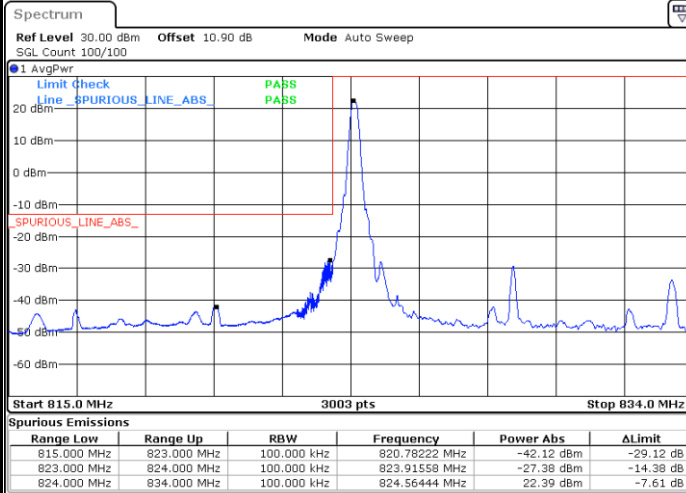
Highest Band Edge / Full RB



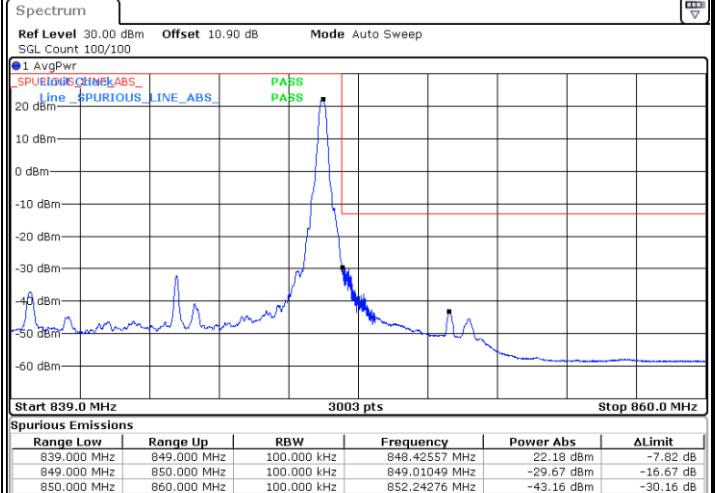


LTE Band 26 / 10MHz / QPSK

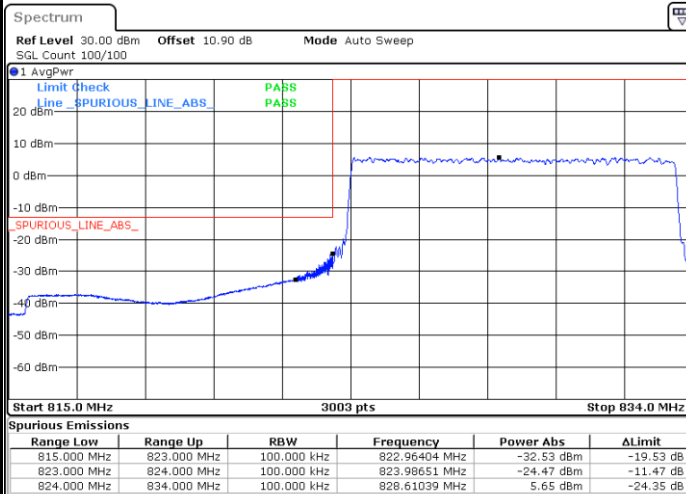
Lowest Band Edge / 1 RB



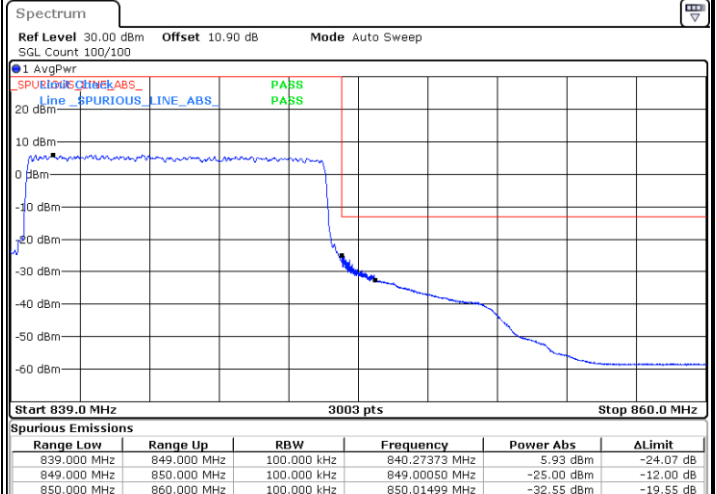
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



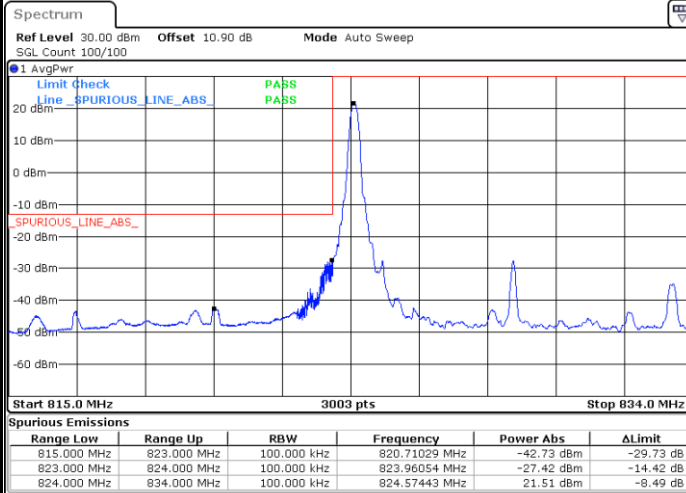
Highest Band Edge / Full RB



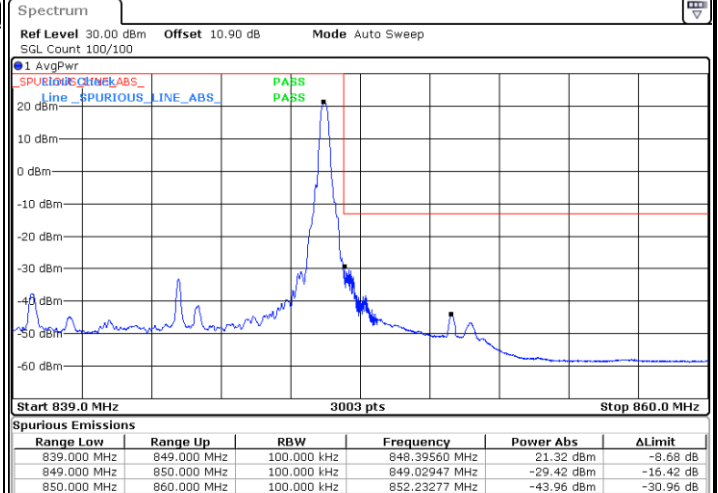


LTE Band 26 / 10MHz / 16QAM

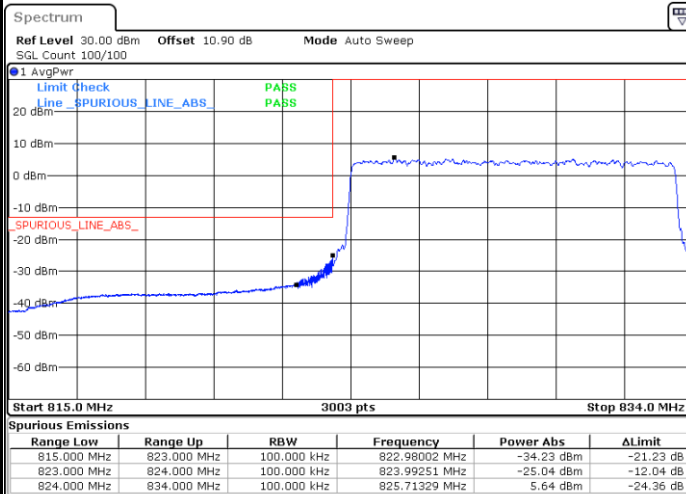
Lowest Band Edge / 1 RB



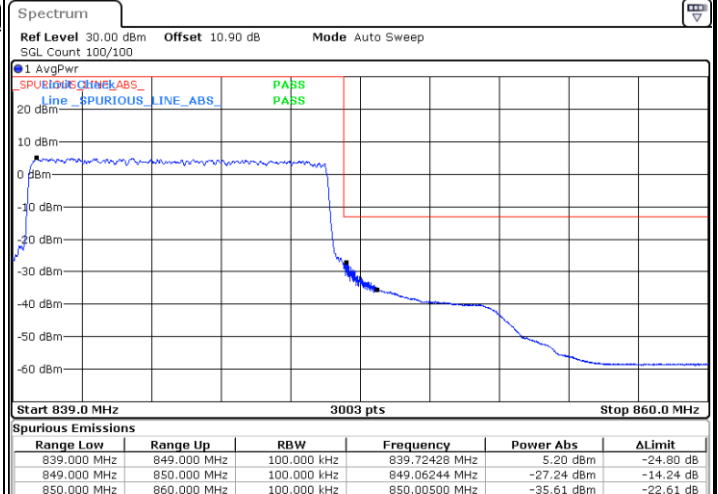
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



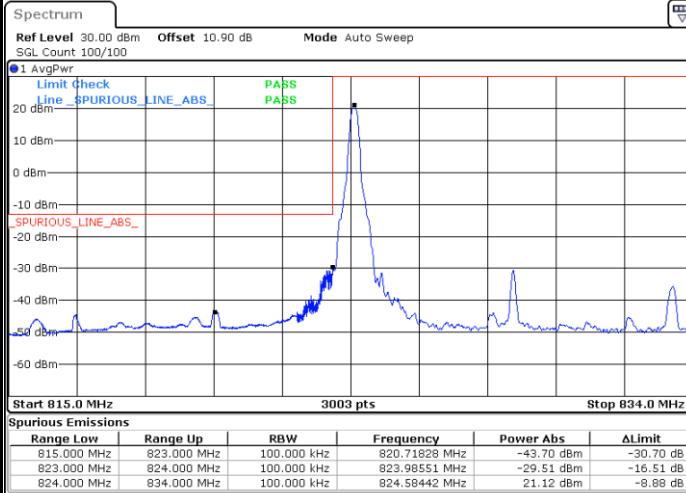
Highest Band Edge / Full RB



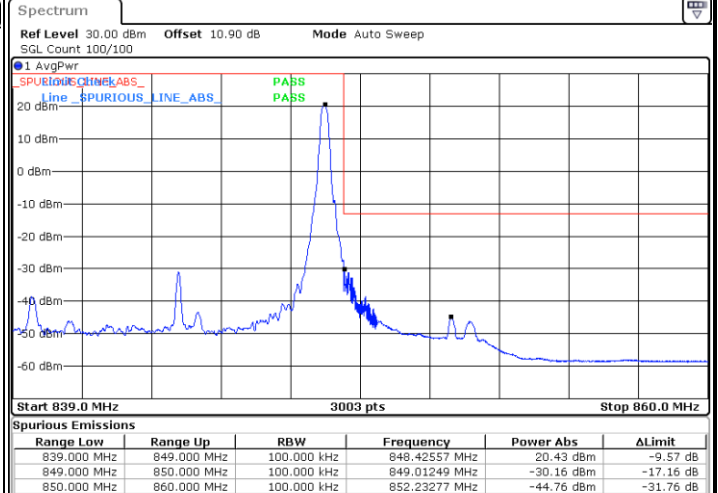


LTE Band 26 / 10MHz / 64QAM

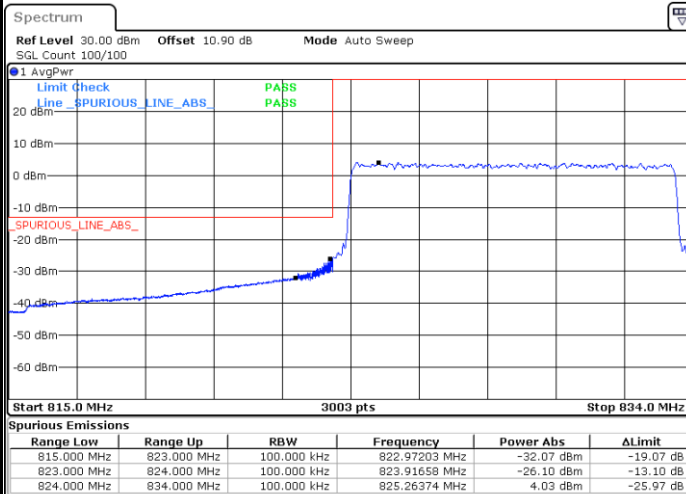
Lowest Band Edge / 1 RB



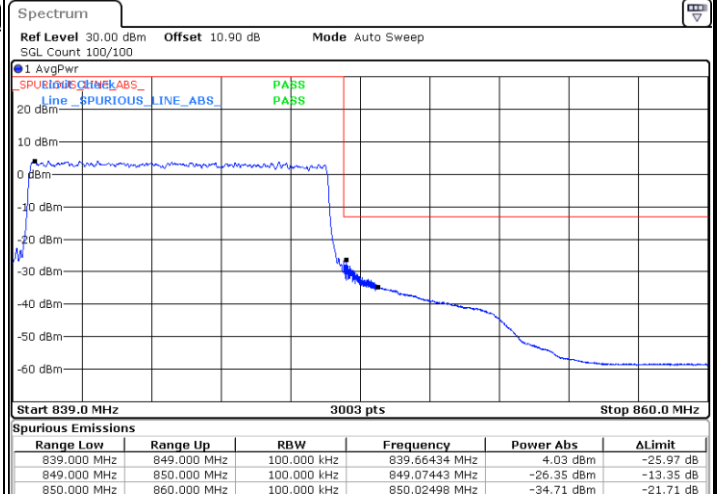
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



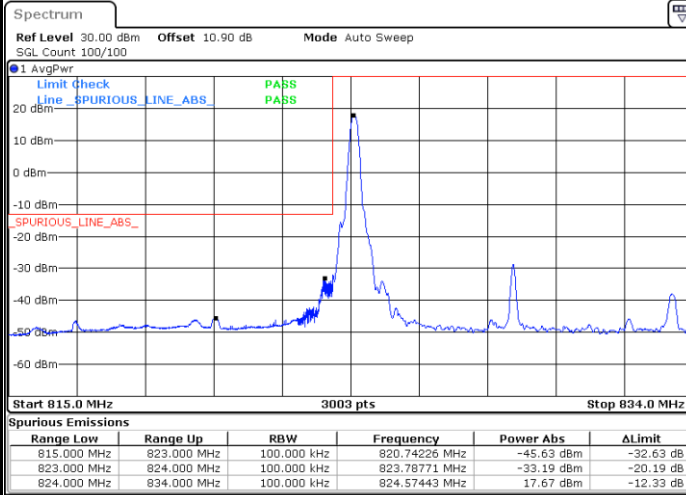
Highest Band Edge / Full RB



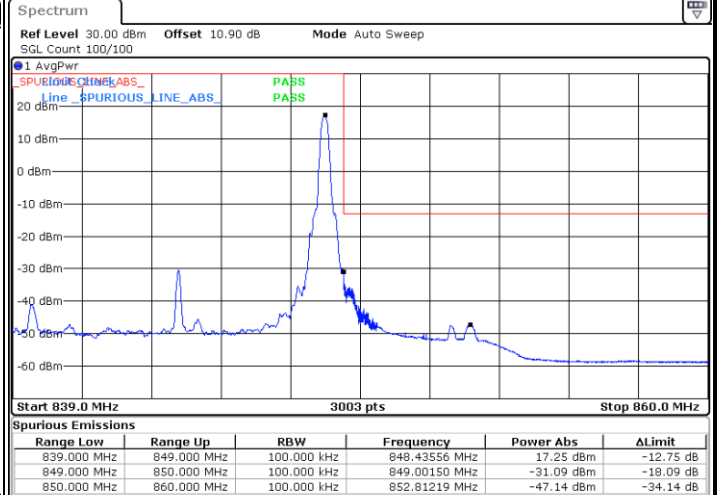


LTE Band 26 / 10MHz / 256QAM

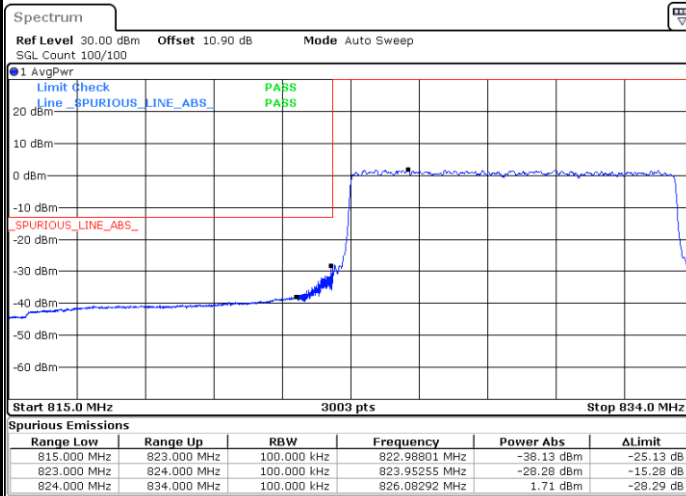
Lowest Band Edge / 1 RB



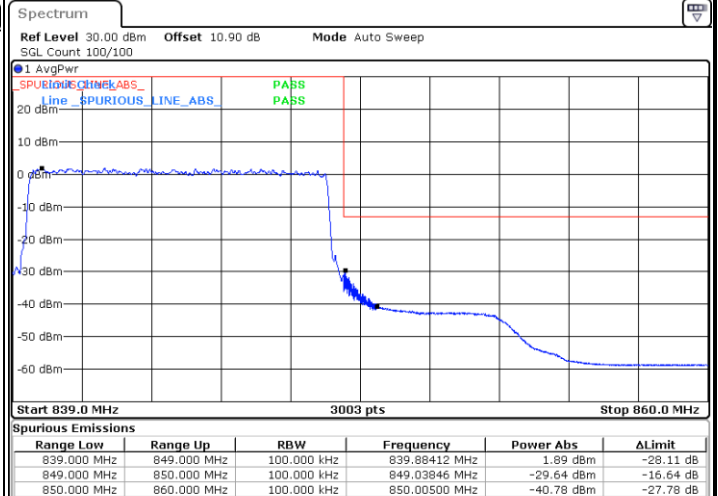
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



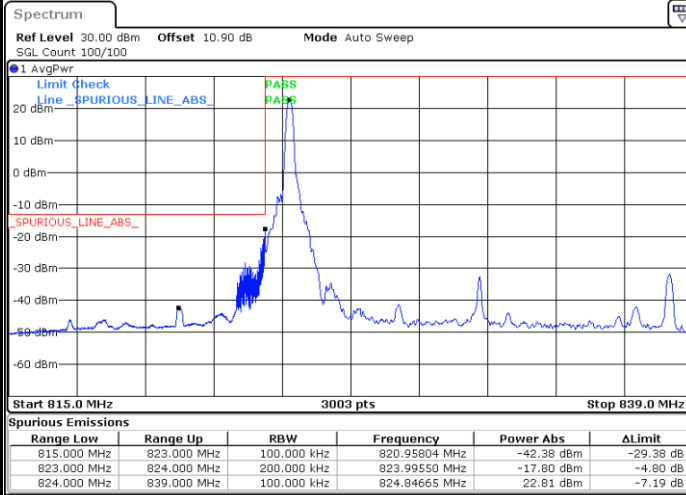
Highest Band Edge / Full RB



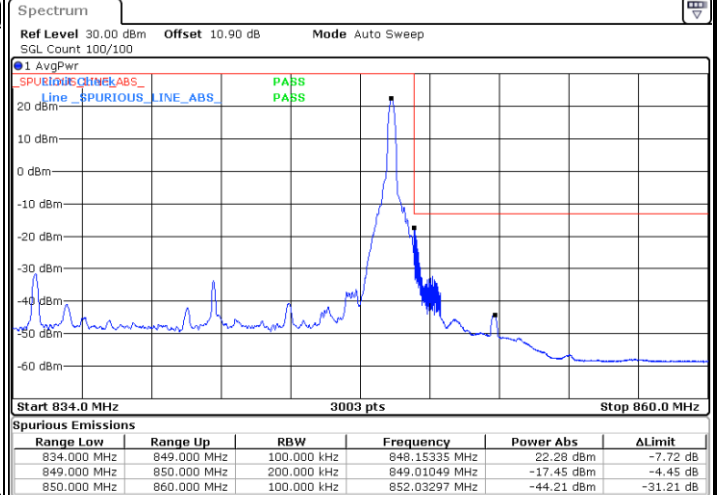


LTE Band 26 / 15MHz / QPSK

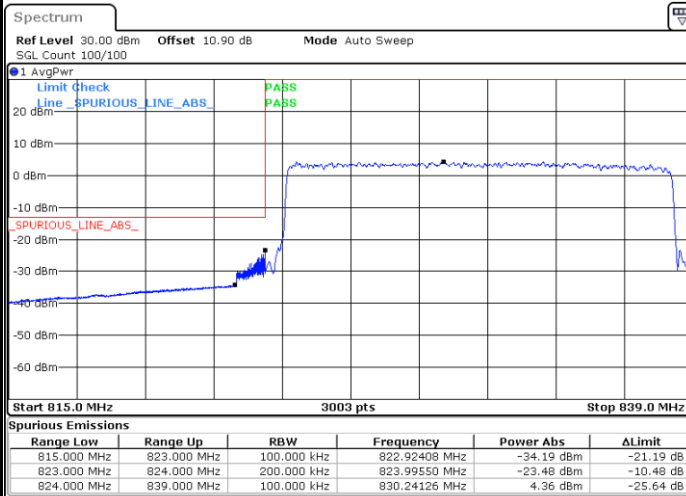
Lowest Band Edge / 1 RB



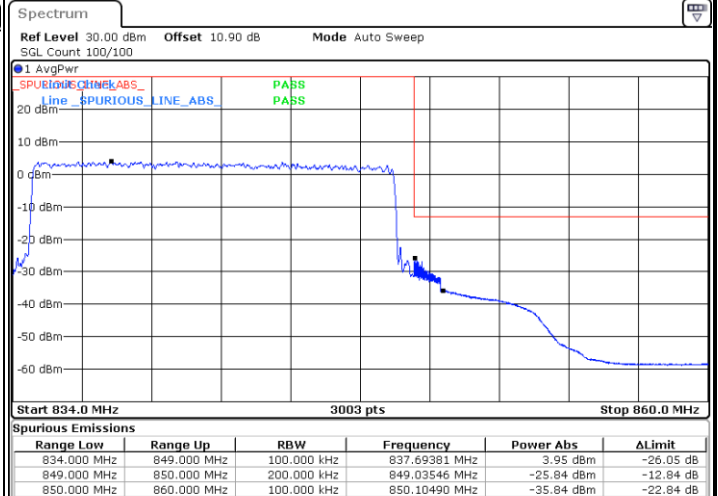
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



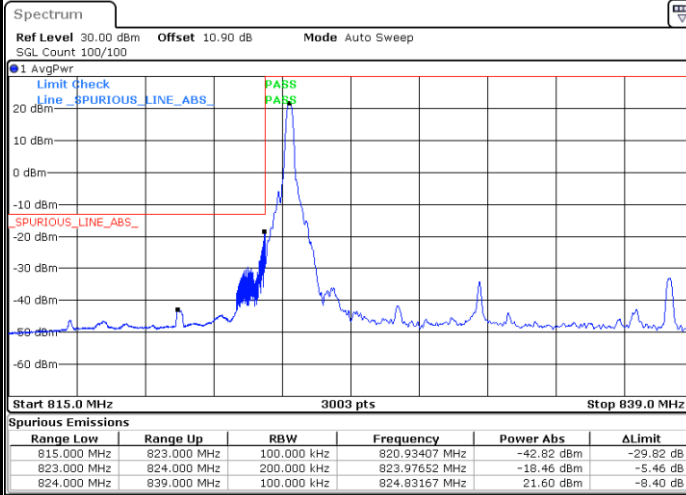
Highest Band Edge / Full RB



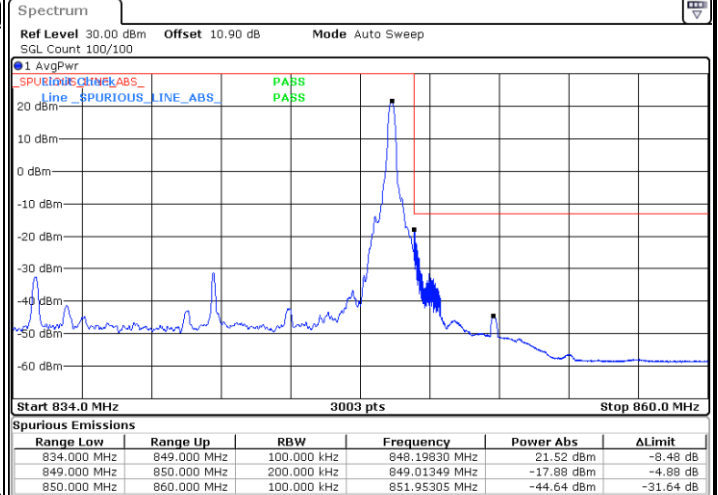


LTE Band 26 / 15MHz / 16QAM

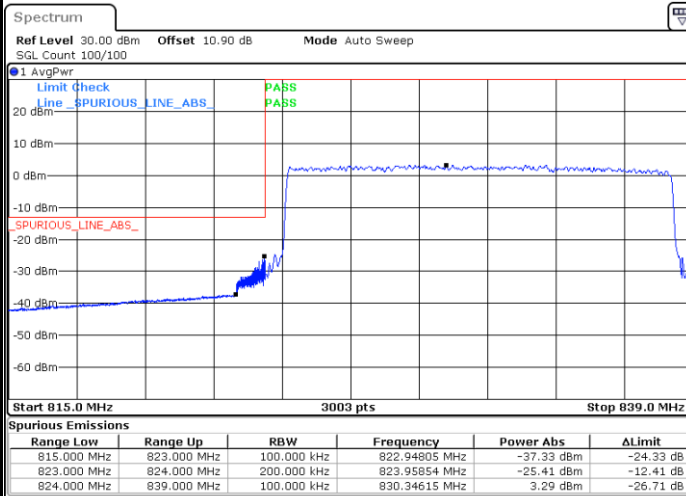
Lowest Band Edge / 1 RB



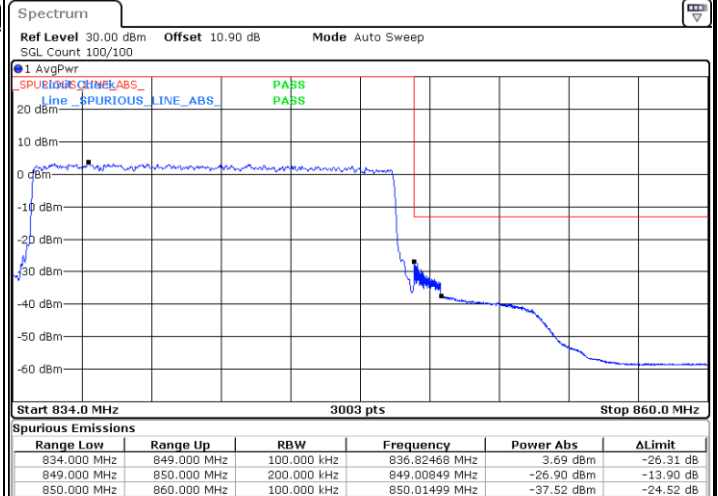
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



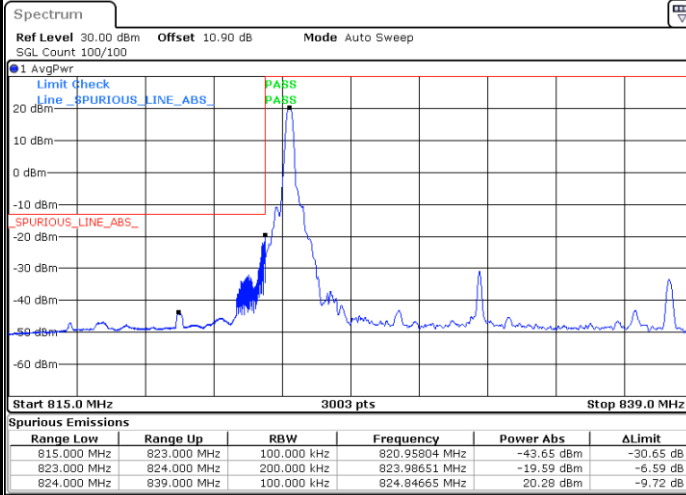
Highest Band Edge / Full RB



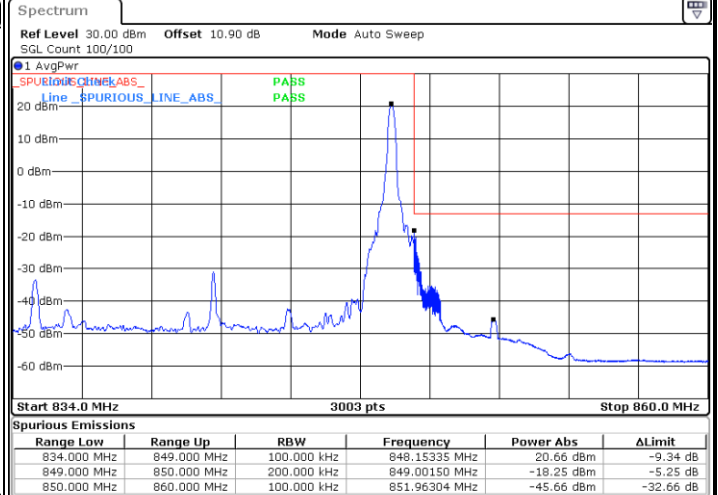


LTE Band 26 / 15MHz / 64QAM

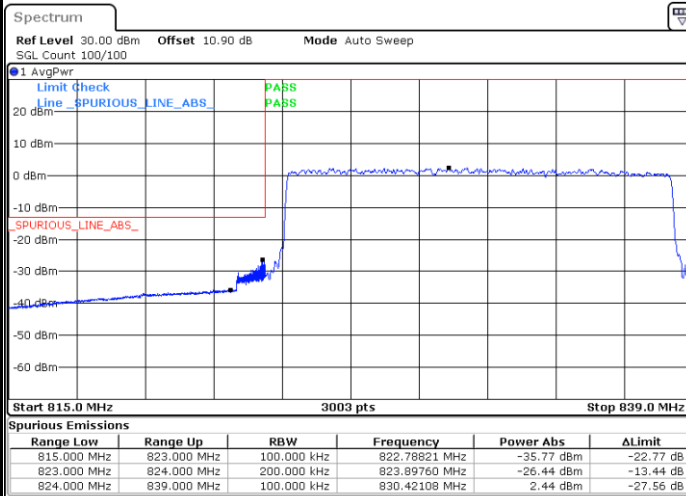
Lowest Band Edge / 1 RB



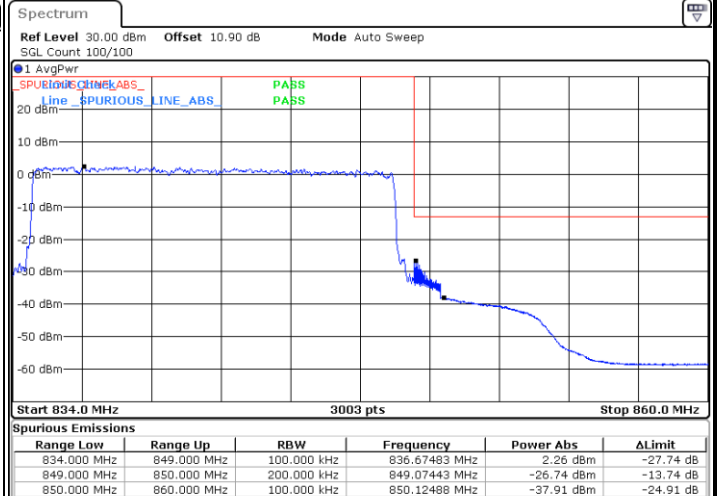
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



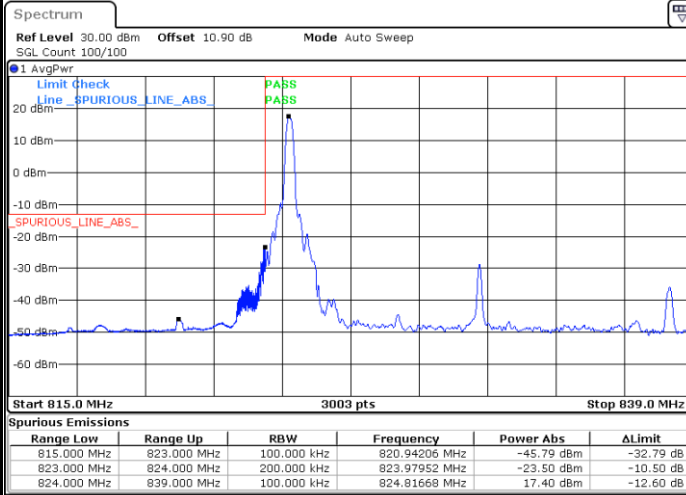
Highest Band Edge / Full RB



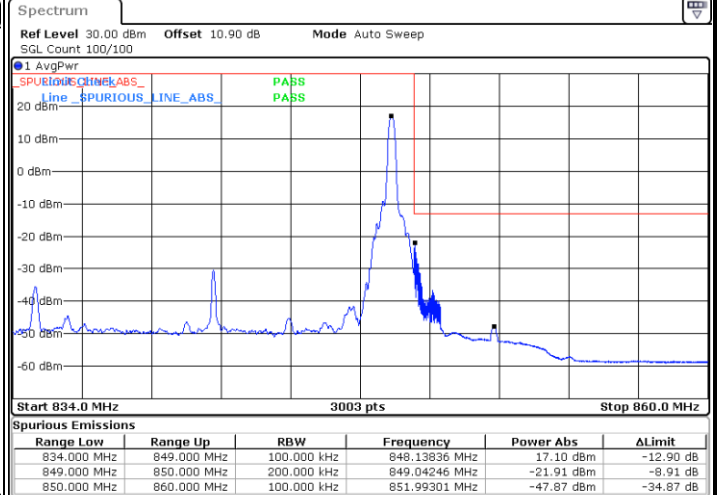


LTE Band 26 / 15MHz / 256QAM

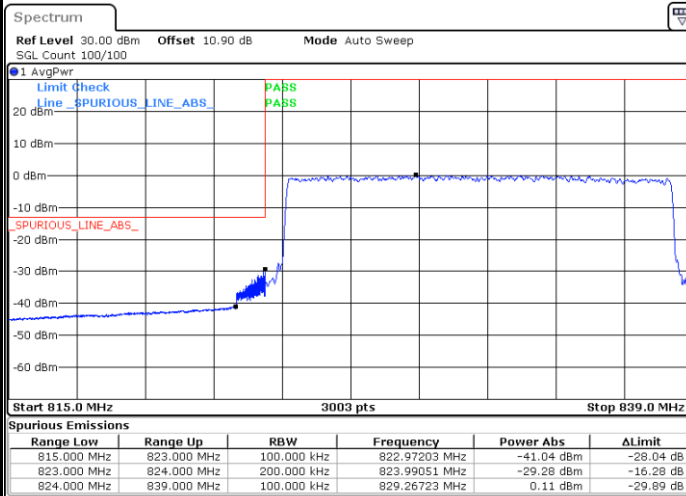
Lowest Band Edge / 1 RB



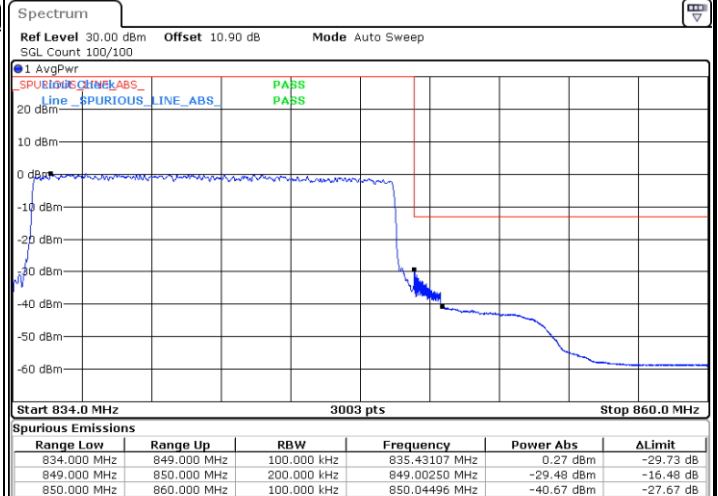
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

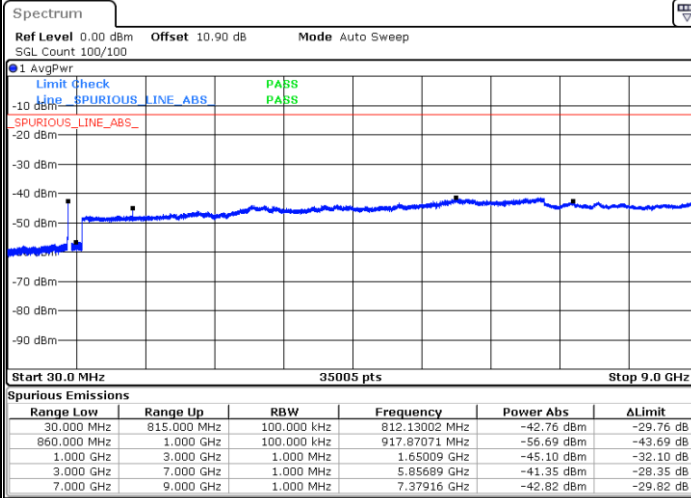




Conducted Spurious Emission

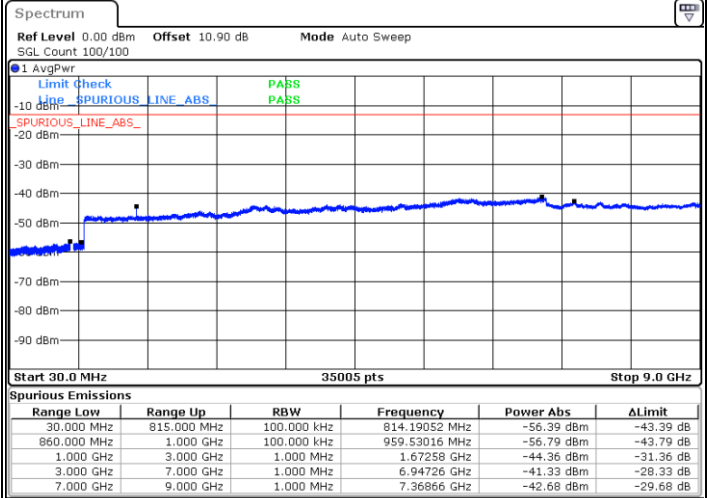
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



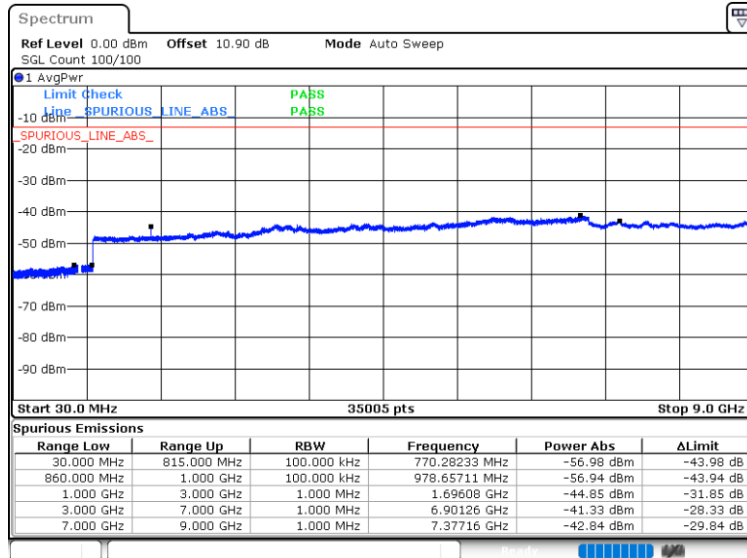
Date: 22.NOV.2021 09:52:20

Middle Channel / QPSK



Date: 22.NOV.2021 09:54:21

Highest Channel / QPSK

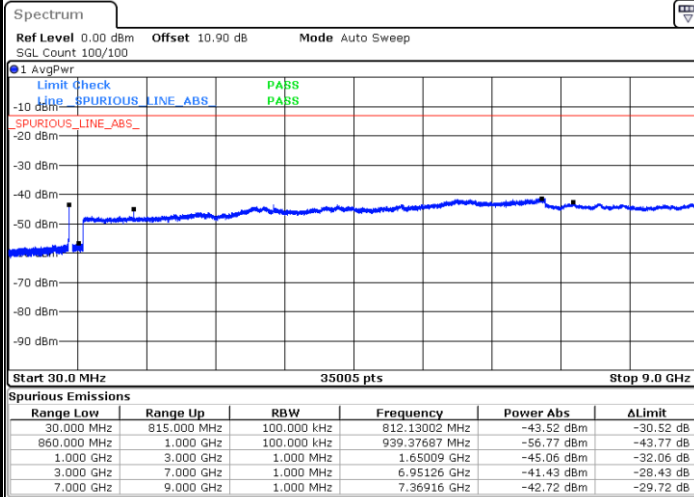


Date: 22.NOV.2021 09:57:48



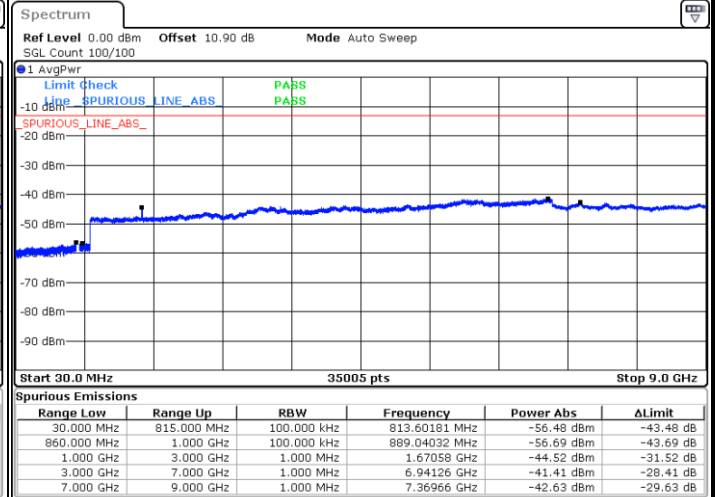
LTE Band 26 / 3MHz

Lowest Channel / QPSK



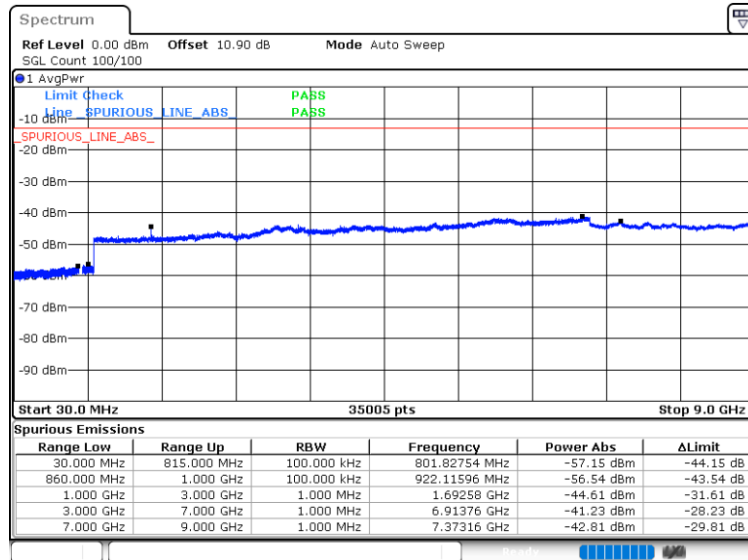
Date: 22.NOV.2021 10:08:27

Middle Channel / QPSK



Date: 22.NOV.2021 10:10:28

Highest Channel / QPSK

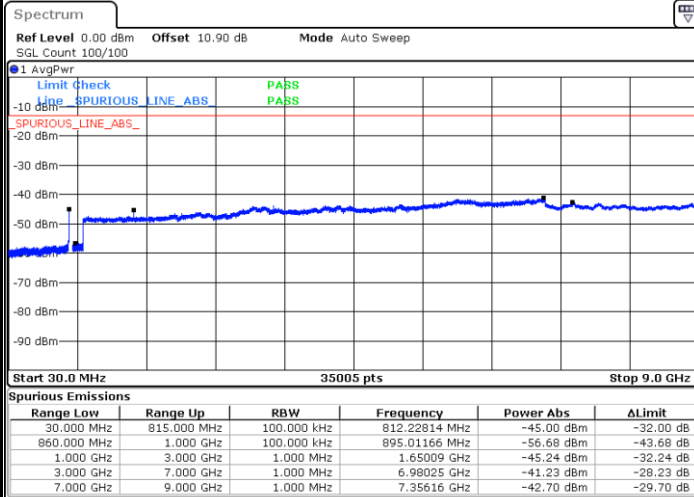


Date: 22.NOV.2021 10:13:56



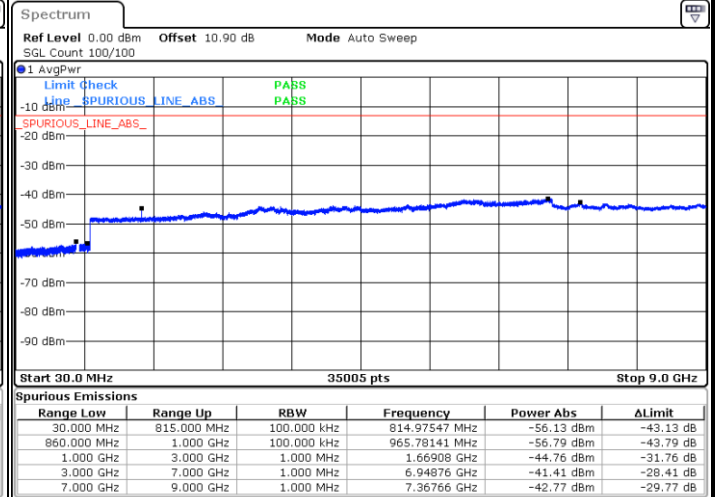
LTE Band 26 / 5MHz

Lowest Channel / QPSK



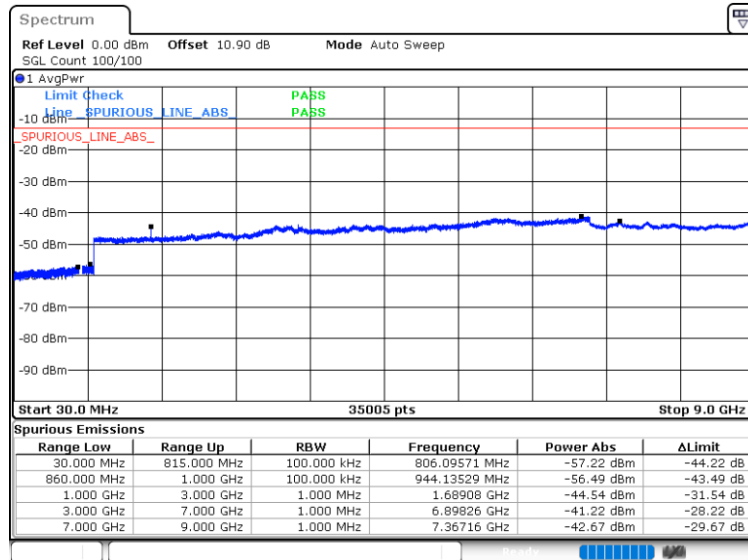
Date: 22.NOV.2021 10:18:10

Middle Channel / QPSK



Date: 22.NOV.2021 10:20:12

Highest Channel / QPSK

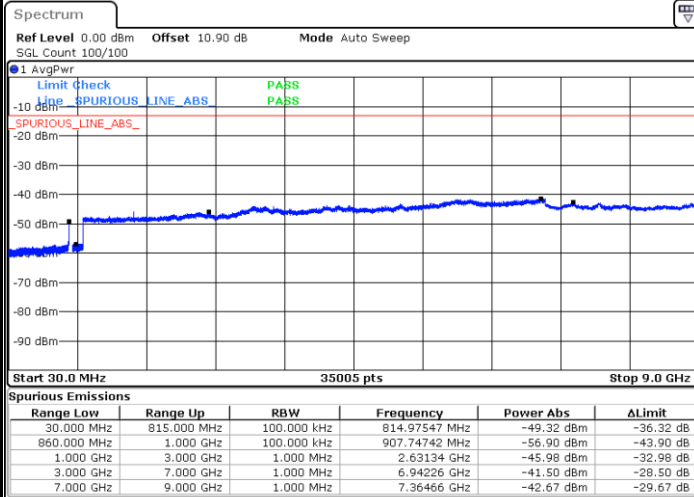


Date: 22.NOV.2021 10:23:40



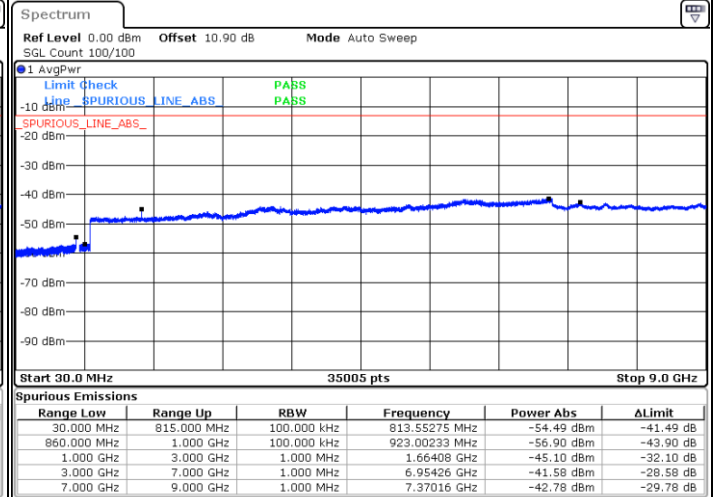
LTE Band 26 / 10MHz

Lowest Channel / QPSK



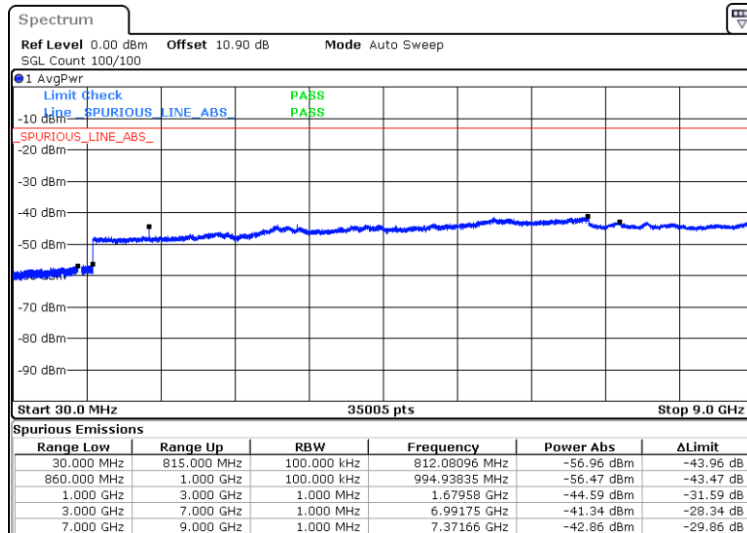
Date: 22.NOV.2021 10:31:12

Middle Channel / QPSK



Date: 22.NOV.2021 10:33:13

Highest Channel / QPSK

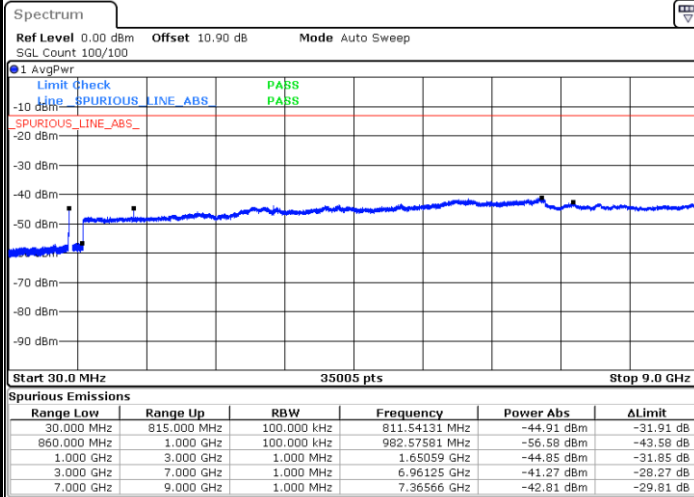


Date: 22.NOV.2021 10:36:41



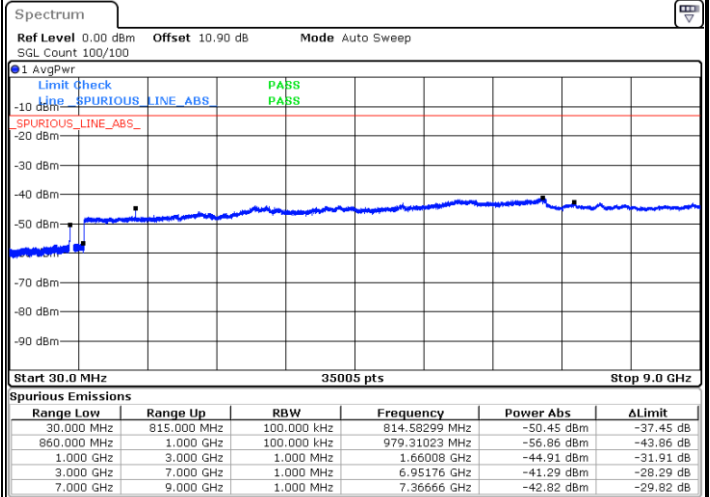
LTE Band 26 / 15MHz

Lowest Channel / QPSK



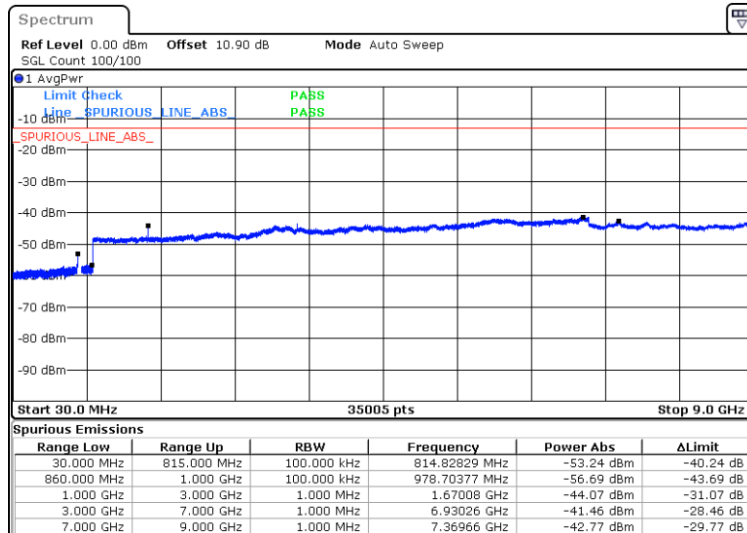
Date: 22.NOV.2021 11:08:15

Middle Channel / QPSK



Date: 22.NOV.2021 11:10:16

Highest Channel / QPSK



Date: 22.NOV.2021 11:13:44

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	0.0020	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0136	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0087	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0062	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0093	

Note:

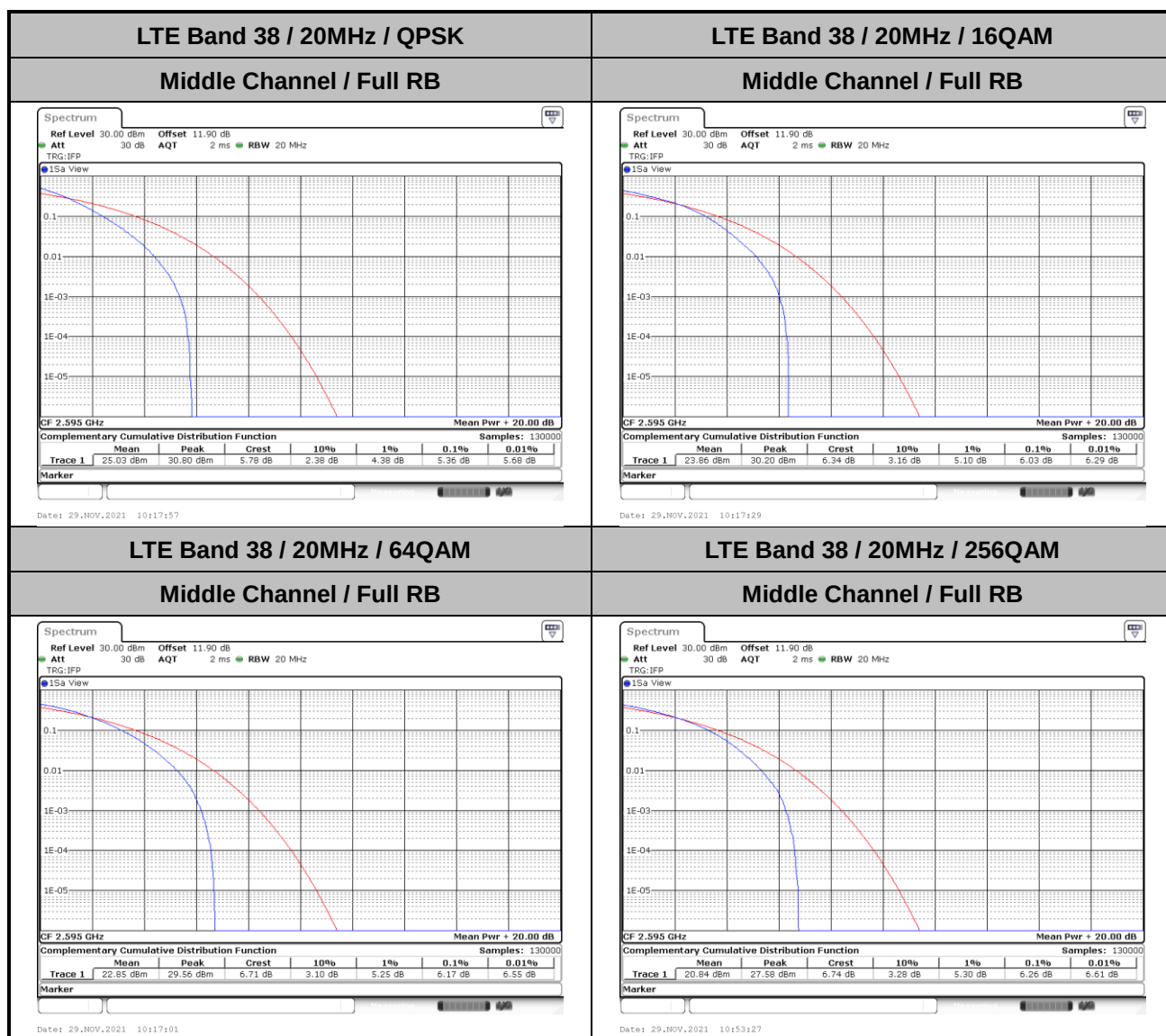
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38_HPUE

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.36	6.03	6.17	6.26	PASS



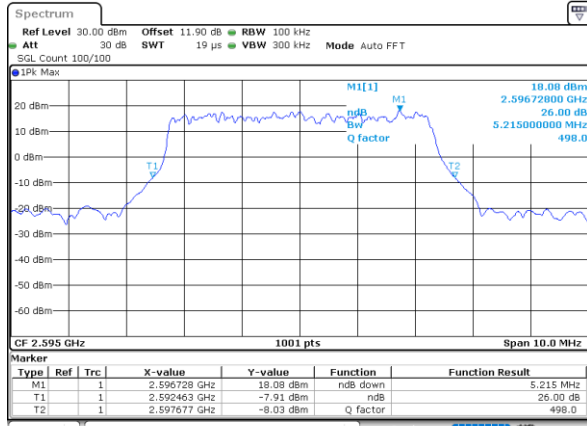
**26dB Bandwidth**

Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.22	4.96	9.67	9.99	15.05	14.12	19.02	18.94
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	5.04	5.01	9.65	10.41	14.09	14.54	19.10	18.62



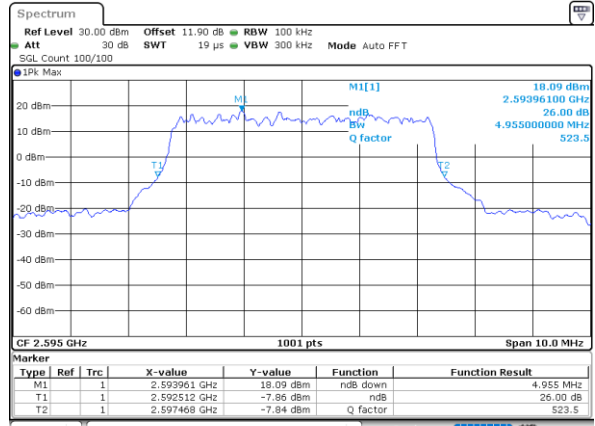
LTE Band 38

Middle Channel / 5MHz / QPSK



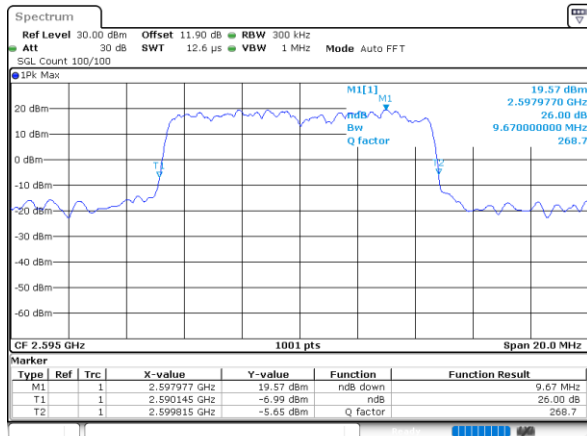
Date: 29.NOV.2021 10:06:40

Middle Channel / 5MHz / 16QAM



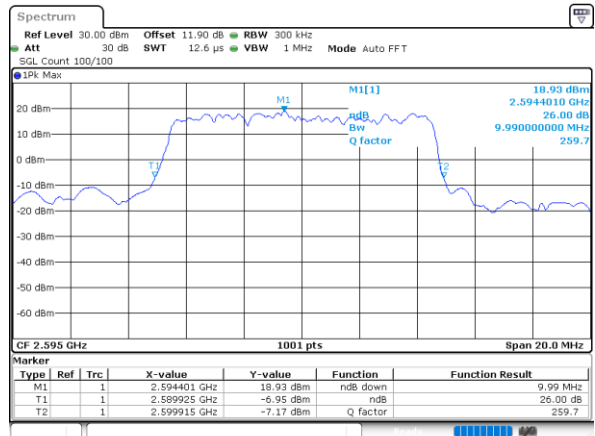
Date: 29.NOV.2021 10:07:30

Middle Channel / 10MHz / QPSK



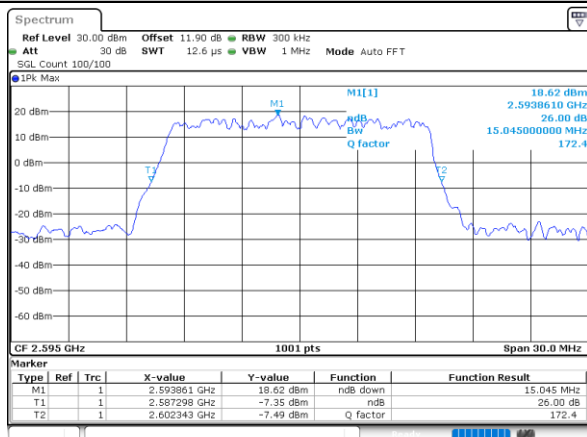
Date: 29.NOV.2021 10:09:02

Middle Channel / 10MHz / 16QAM



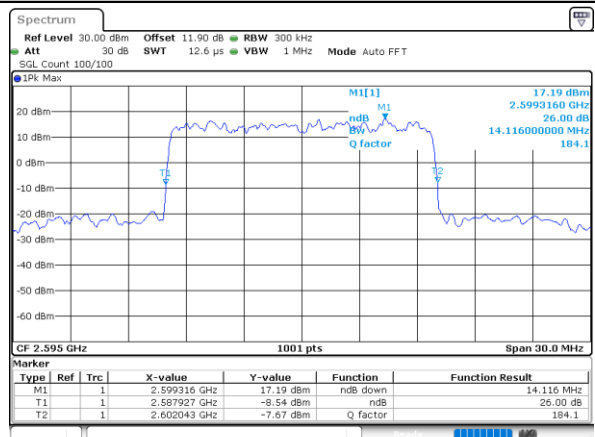
Date: 29.NOV.2021 10:09:23

Middle Channel / 15MHz / QPSK



Date: 29.NOV.2021 10:10:43

Middle Channel / 15MHz / 16QAM

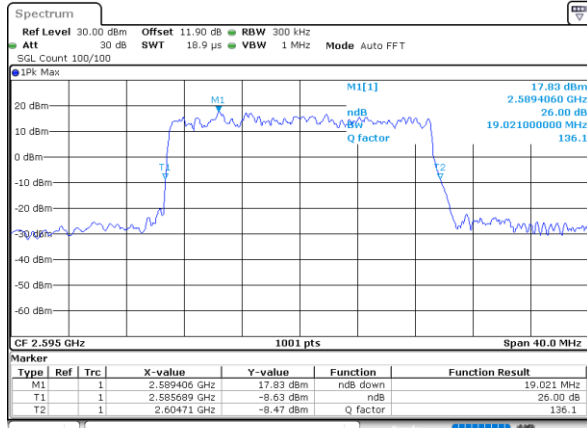


Date: 29.NOV.2021 10:11:04



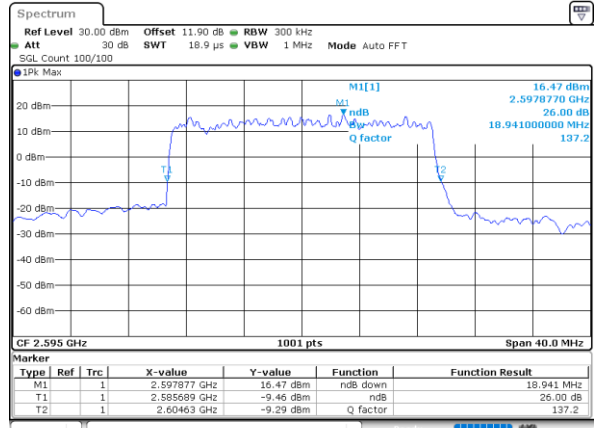
LTE Band 38

Middle Channel / 20MHz / QPSK



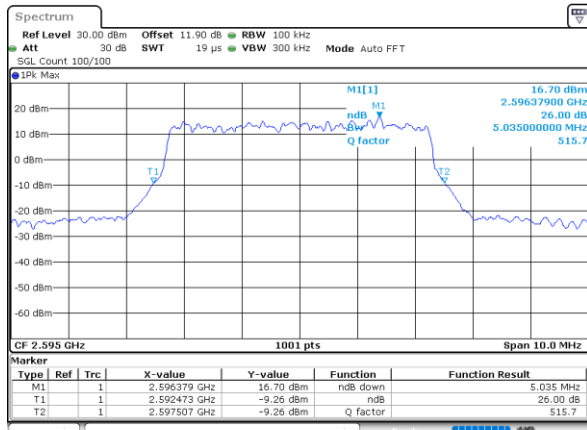
Date: 29.NOV.2021 10:12:20

Middle Channel / 20MHz / 16QAM



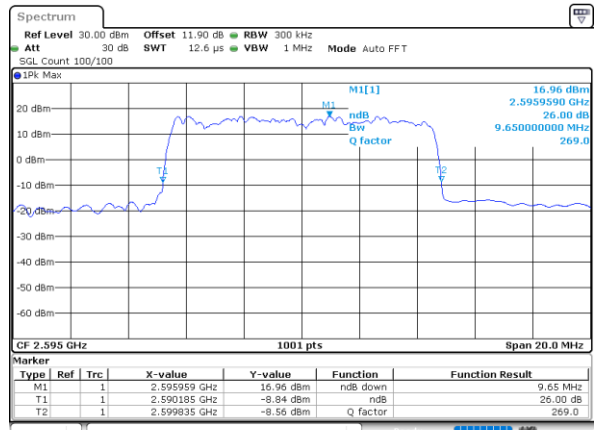
Date: 29.NOV.2021 10:12:48

Middle Channel / 5MHz / 64QAM



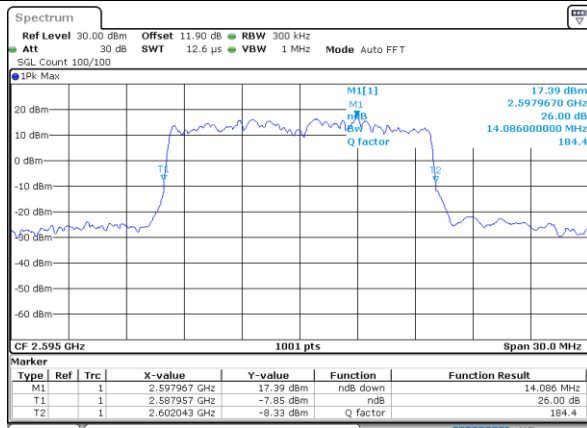
Date: 29.NOV.2021 10:13:54

Middle Channel / 10MHz / 64QAM



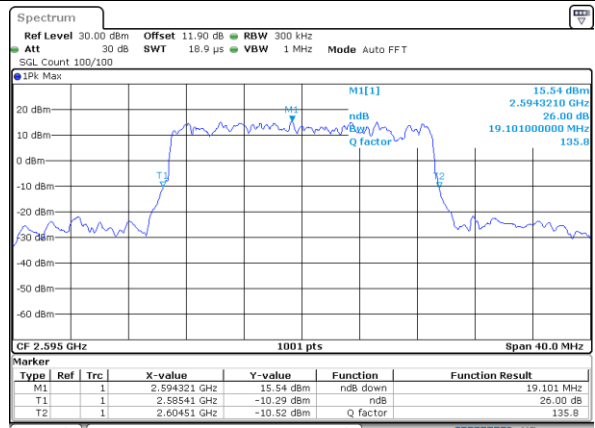
Date: 29.NOV.2021 10:14:54

Middle Channel / 15MHz / 64QAM



Date: 29.NOV.2021 10:15:47

Middle Channel / 20MHz / 64QAM

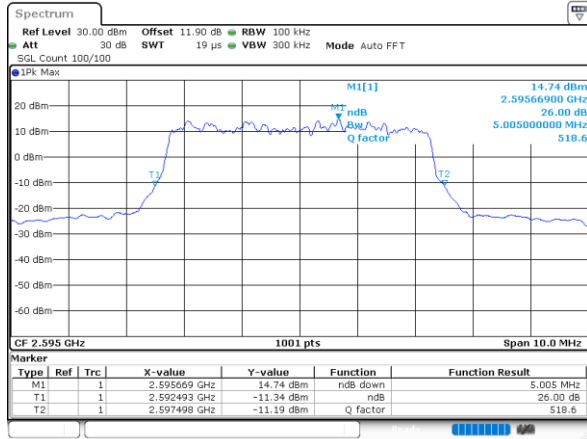


Date: 29.NOV.2021 10:16:35



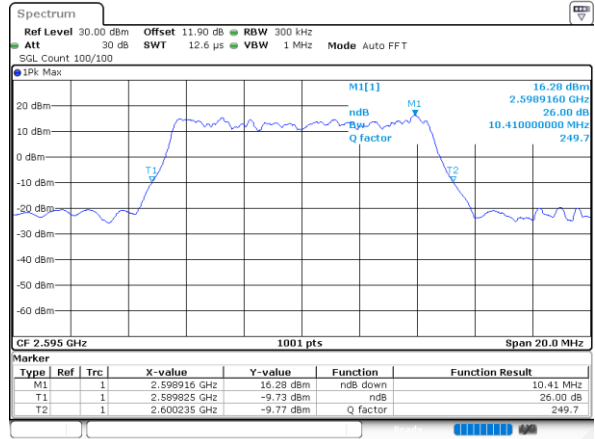
LTE Band 38

Middle Channel / 5MHz / 256QAM



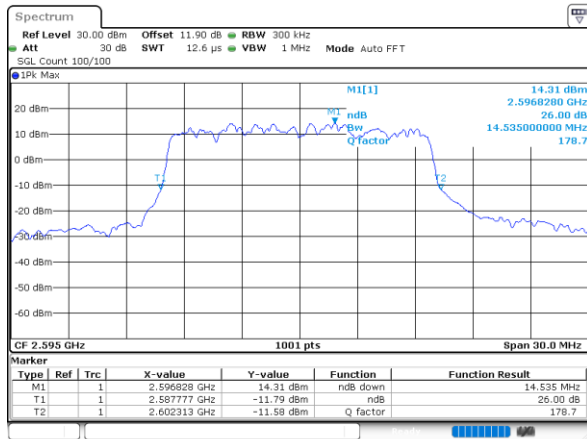
Date: 29.NOV.2021 10:35:55

Middle Channel / 10MHz / 256QAM



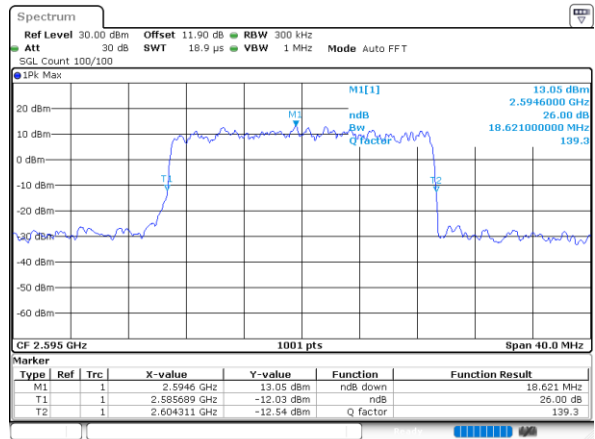
Date: 29.NOV.2021 10:36:38

Middle Channel / 15MHz / 256QAM



Date: 29.NOV.2021 10:40:55

Middle Channel / 20MHz / 256QAM



Date: 29.NOV.2021 10:53:06

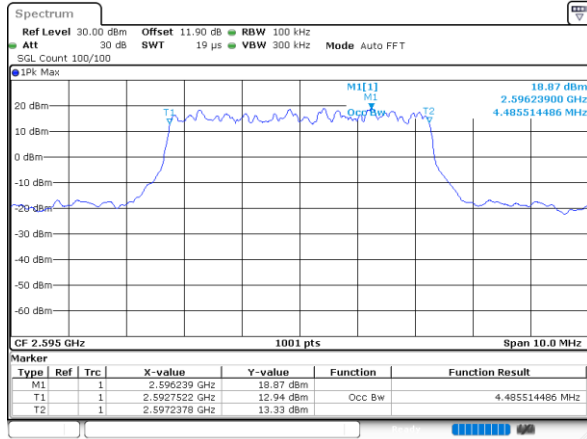
**Occupied Bandwidth**

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.01	9.07	13.40	13.40	17.86	17.86
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.48	4.45	9.05	9.05	13.46	13.37	17.78	17.86

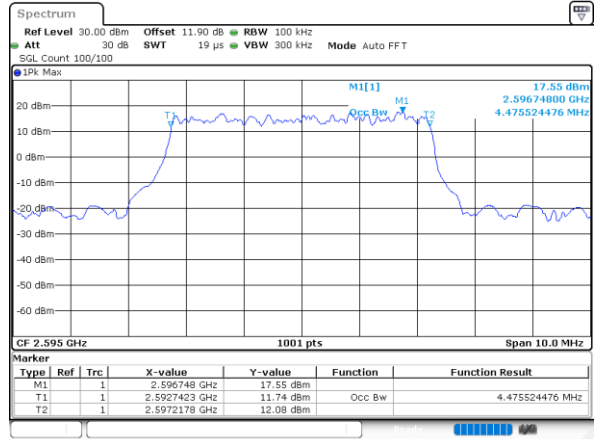


LTE Band 38

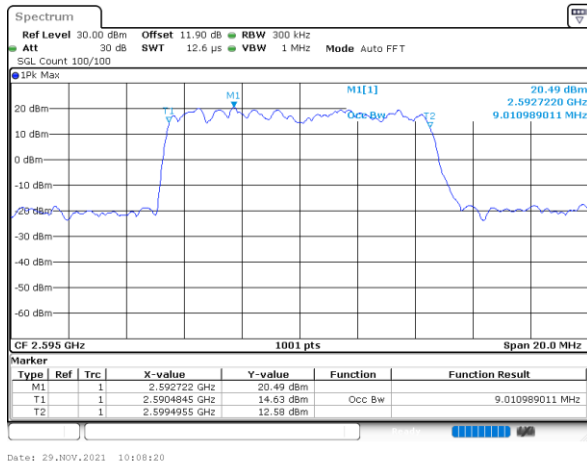
Middle Channel / 5MHz / QPSK



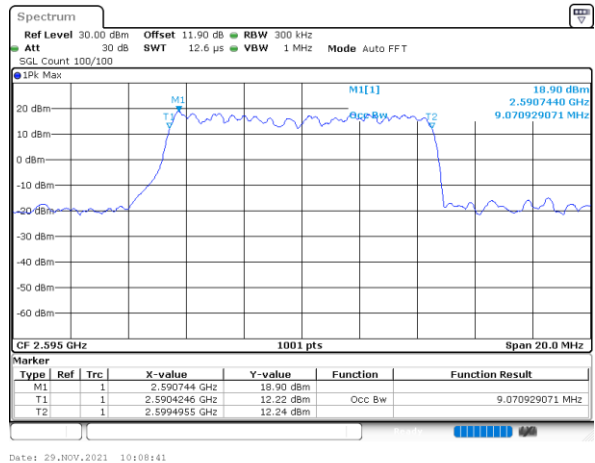
Middle Channel / 5MHz / 16QAM



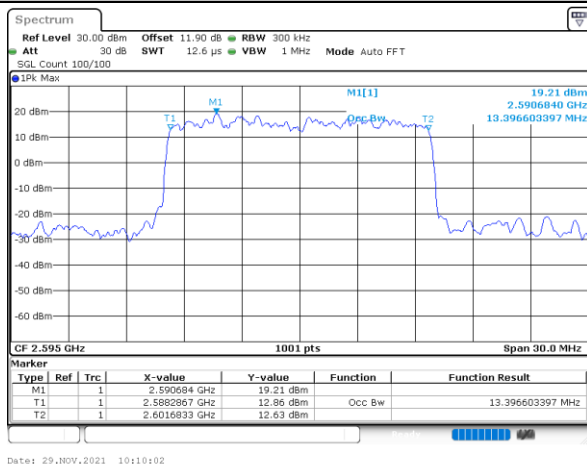
Middle Channel / 10MHz / QPSK



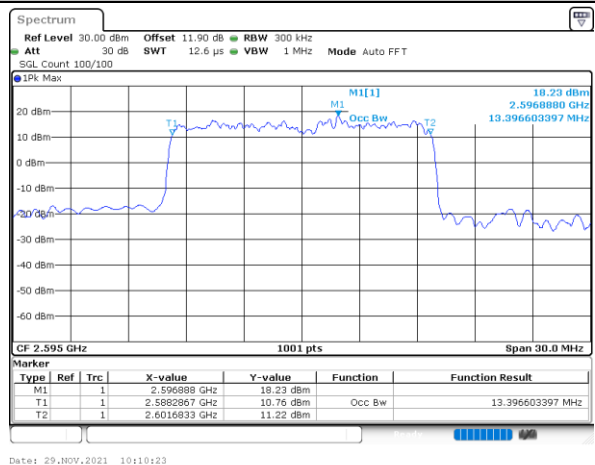
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



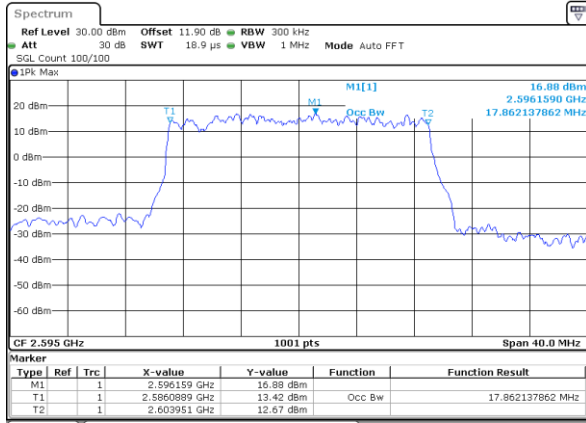
Middle Channel / 15MHz / 16QAM





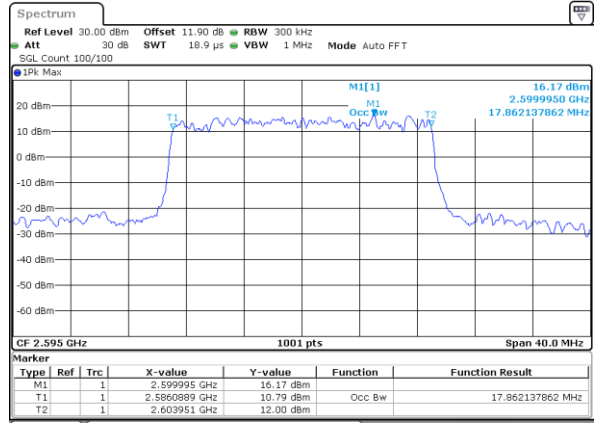
LTE Band 38

Middle Channel / 20MHz / QPSK



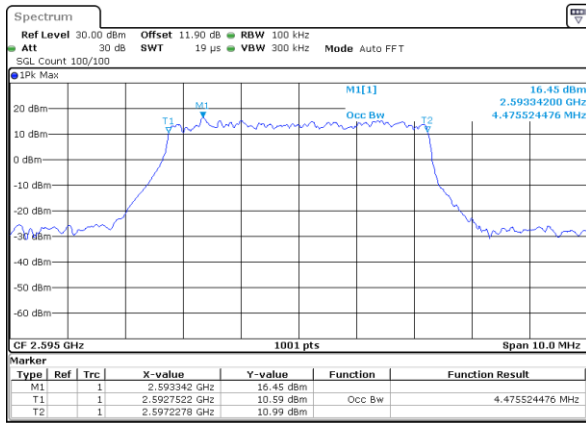
Date: 29.NOV.2021 10:11:46

Middle Channel / 20MHz / 16QAM



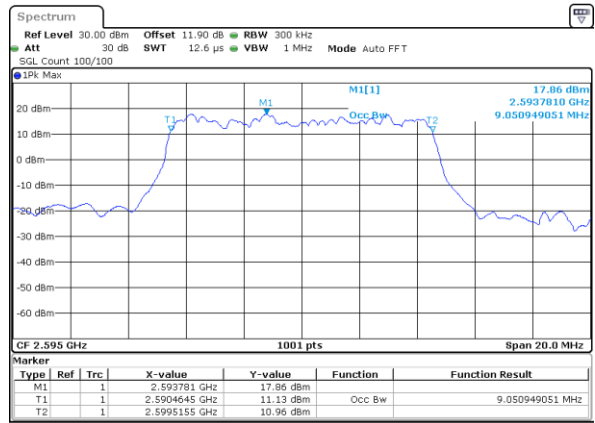
Date: 29.NOV.2021 10:12:07

Middle Channel / 5MHz / 64QAM



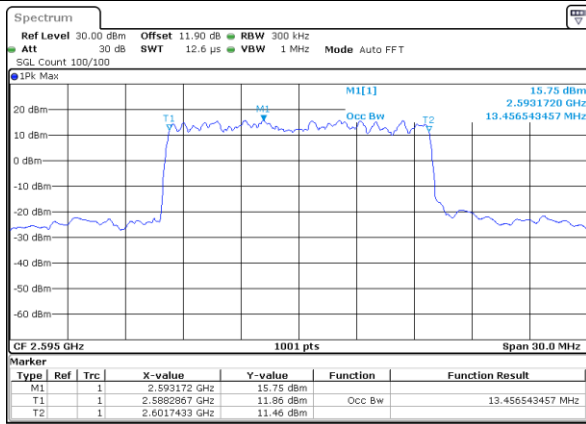
Date: 29.NOV.2021 10:13:04

Middle Channel / 10MHz / 64QAM



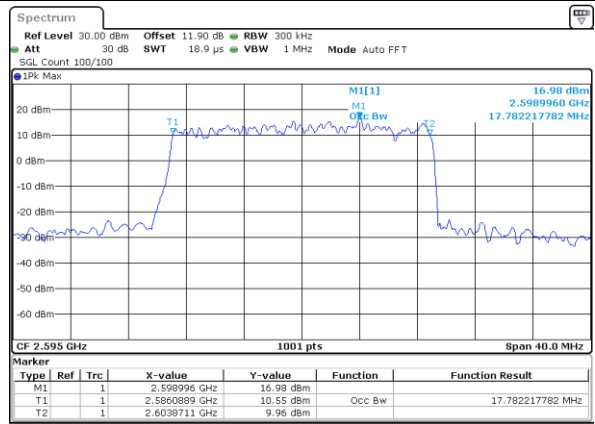
Date: 29.NOV.2021 10:14:33

Middle Channel / 15MHz / 64QAM



Date: 29.NOV.2021 10:15:26

Middle Channel / 20MHz / 64QAM

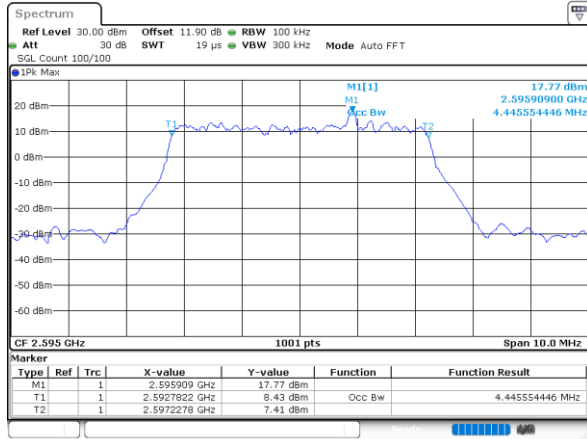


Date: 29.NOV.2021 10:16:14

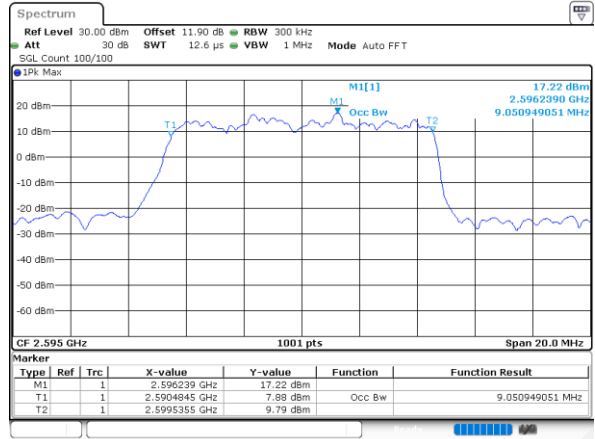


LTE Band 38

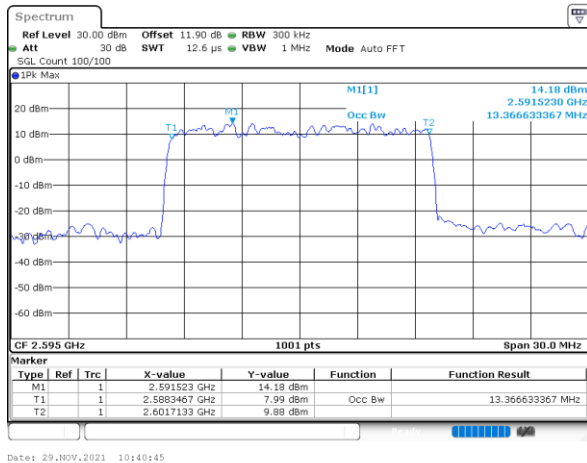
Middle Channel / 5MHz / 256QAM



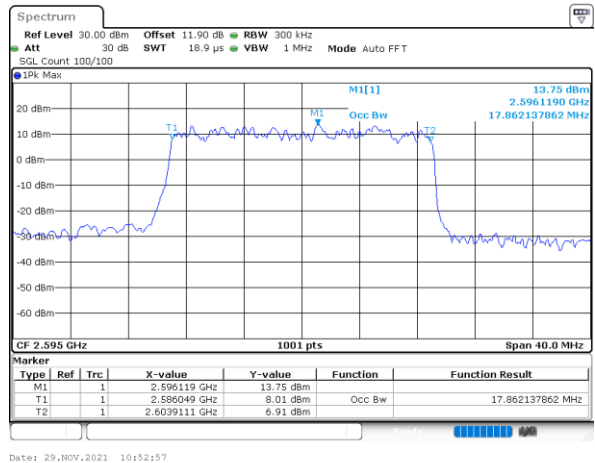
Middle Channel / 10MHz / 256QAM

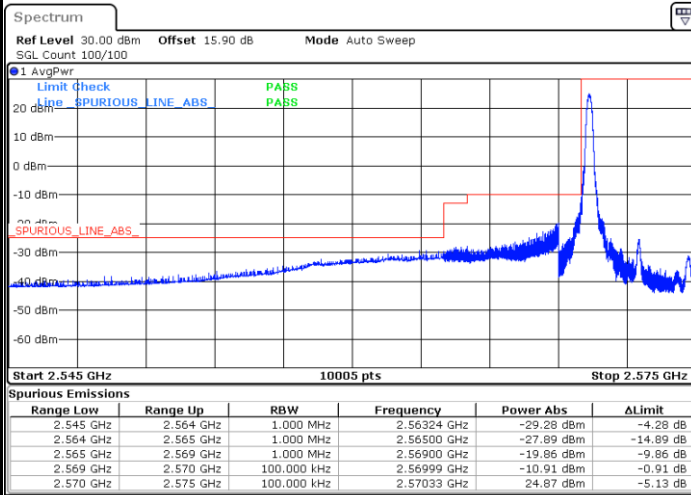


Middle Channel / 15MHz / 256QAM

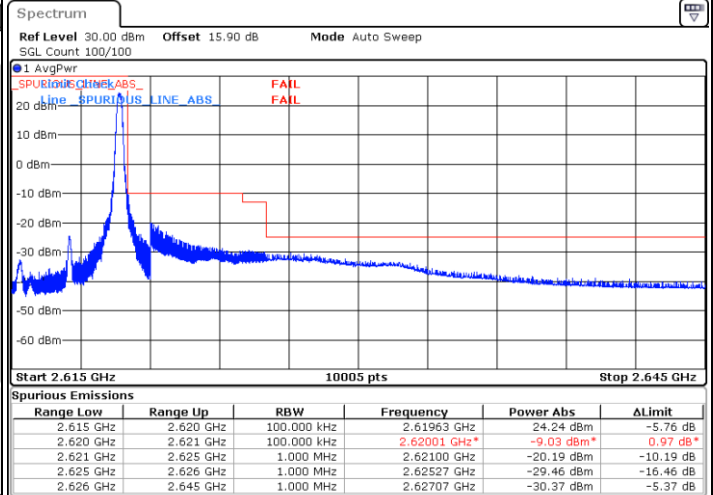


Middle Channel / 20MHz / 256QAM

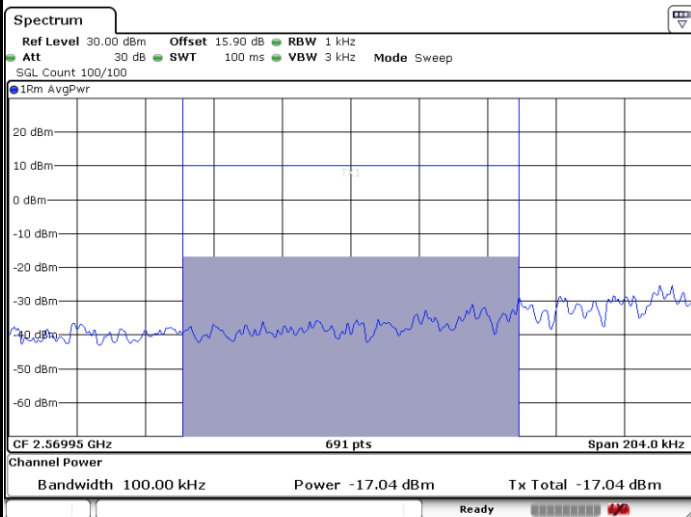


**Conducted Band Edge****LTE Band 38 / 5MHz / QPSK****Lowest Band Edge / 1 RB**

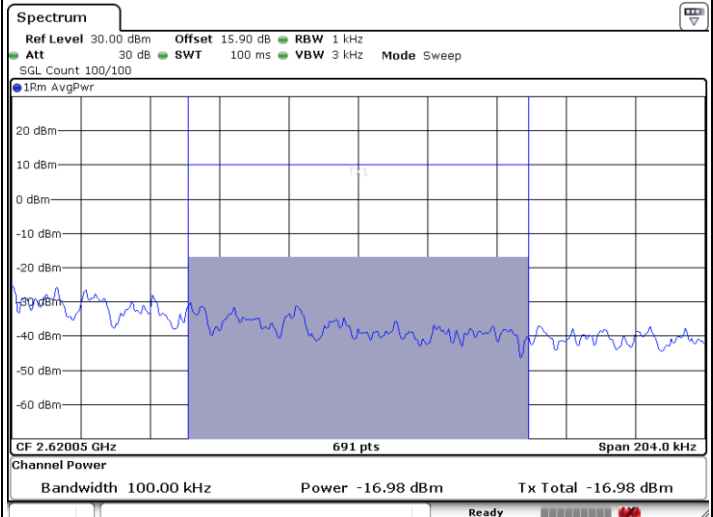
Date: 26.NOV.2021 16:52:42

Highest Band Edge / 1 RB

Date: 26.NOV.2021 16:56:43

Channel power verify

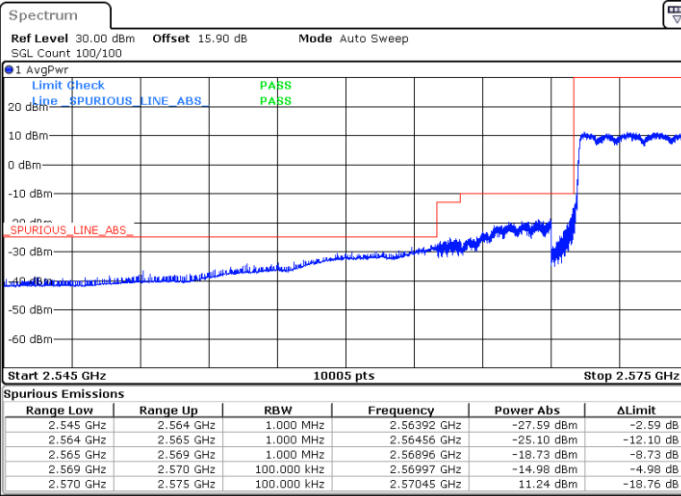
Date: 29.NOV.2021 10:27:30

Channel power verify

Date: 29.NOV.2021 10:28:40

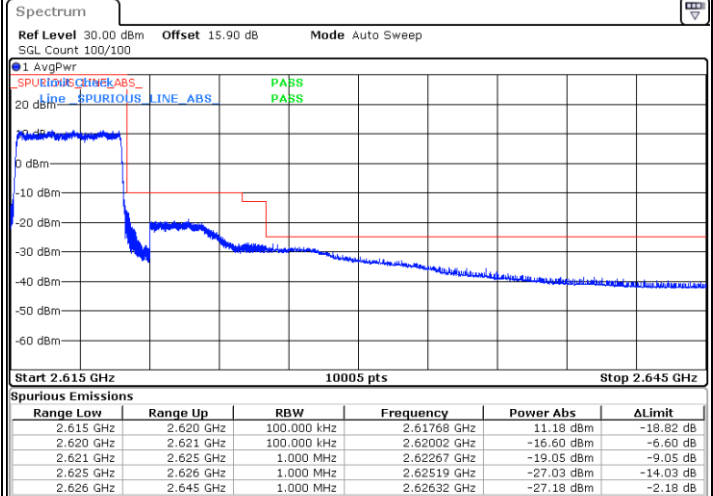


Lowest Band Edge / Full RB



Date: 26.NOV.2021 16:54:03

Highest Band Edge / Full RB

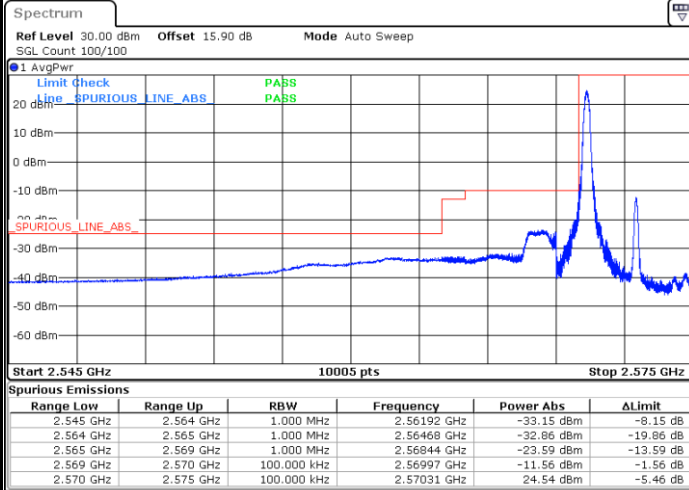


Date: 26.NOV.2021 16:55:23

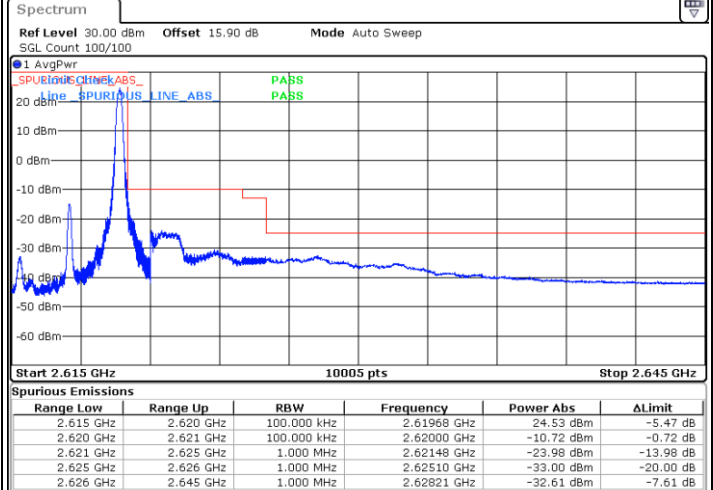


LTE Band 38 / 5MHz / 16QAM

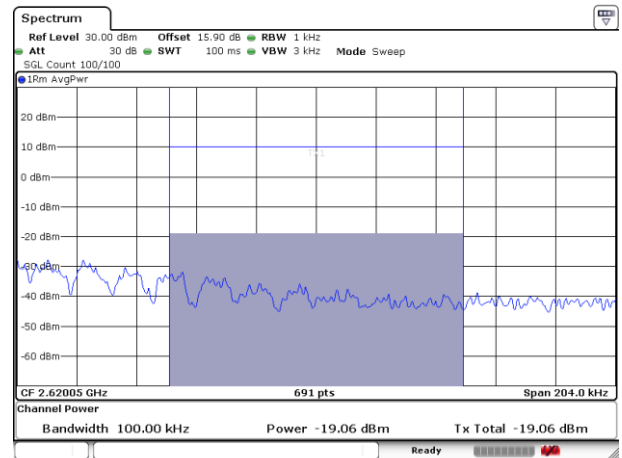
Lowest Band Edge / 1RB

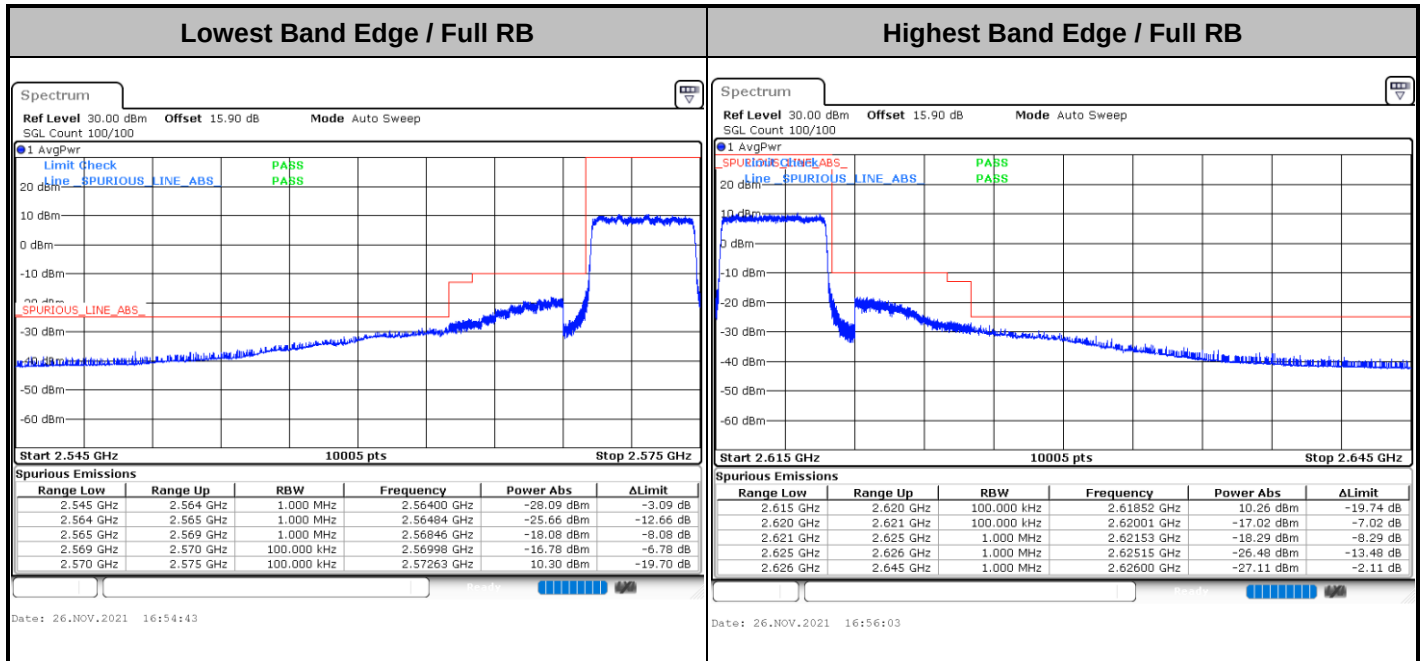


Highest Band Edge / 1 RB



Channel power verify

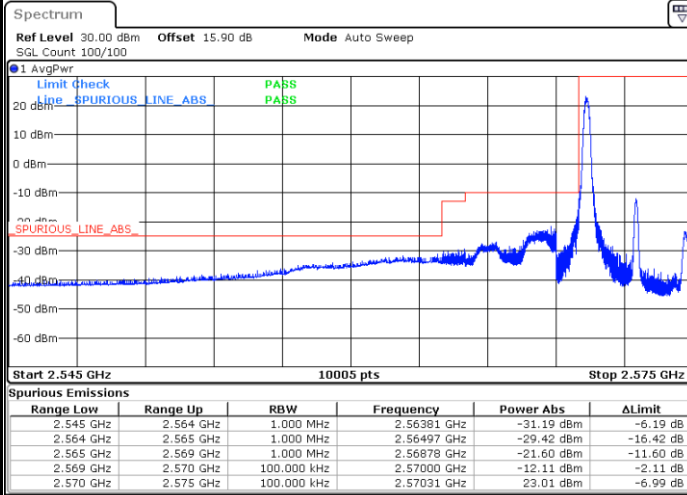






LTE Band 38 / 5MHz / 64QAM

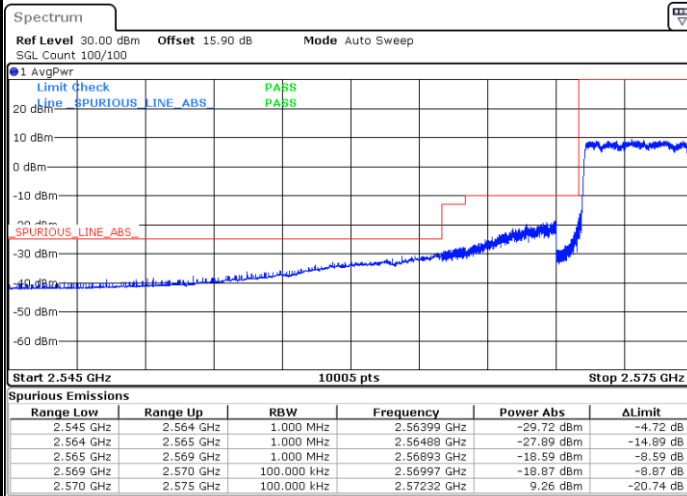
Lowest Band Edge / 1RB



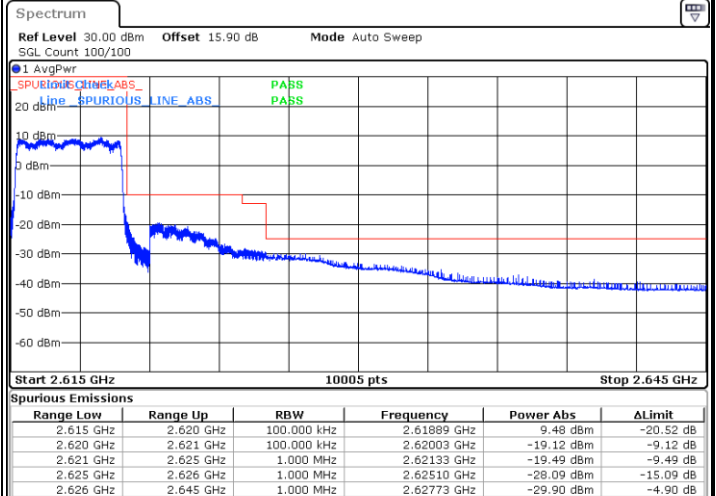
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



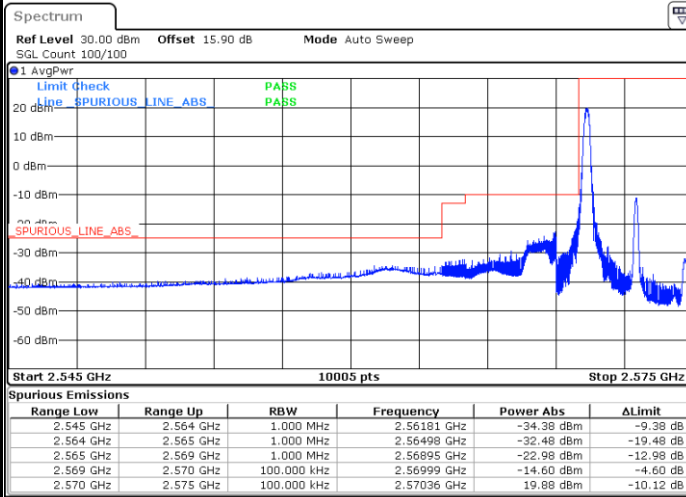
Highest Band Edge / Full RB





LTE Band 38 / 5MHz / 256QAM

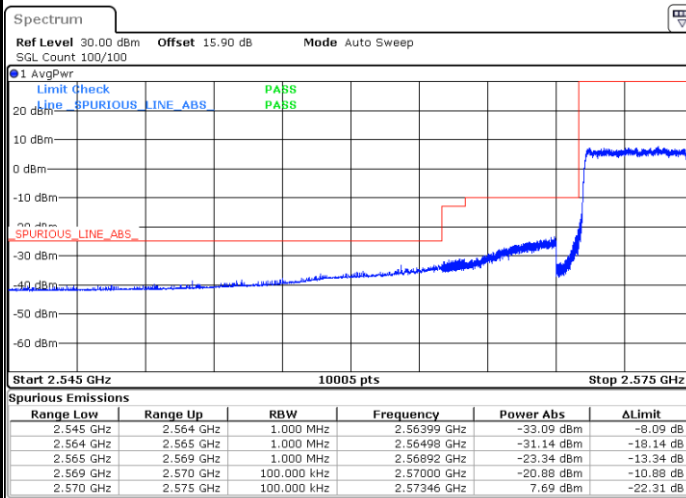
Lowest Band Edge / 1RB



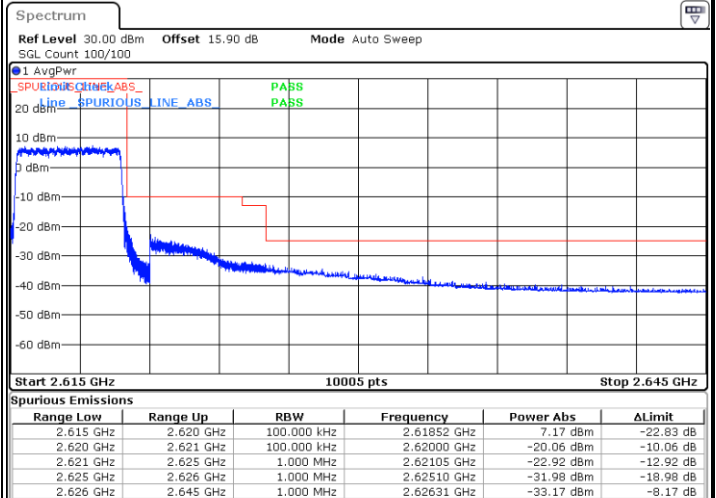
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



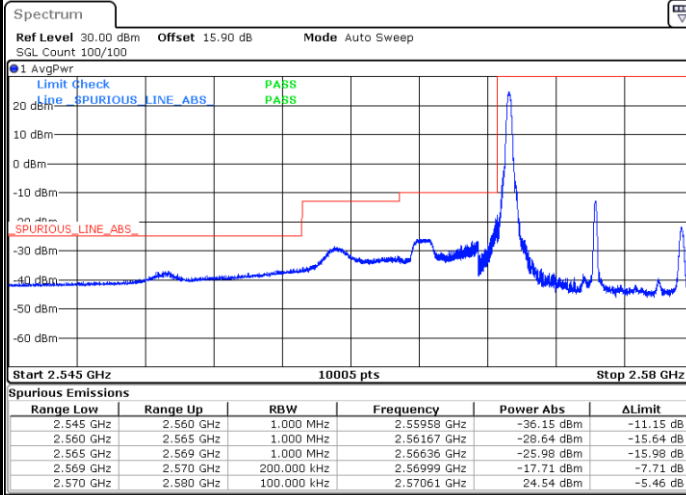
Highest Band Edge / Full RB



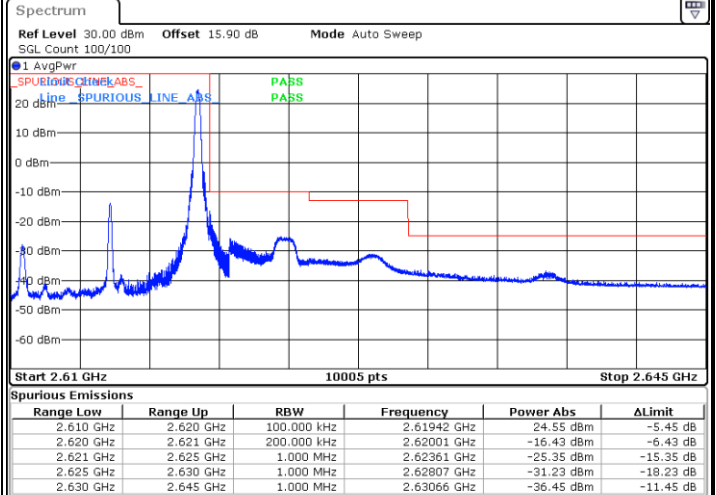


LTE Band 38 / 10MHz / QPSK

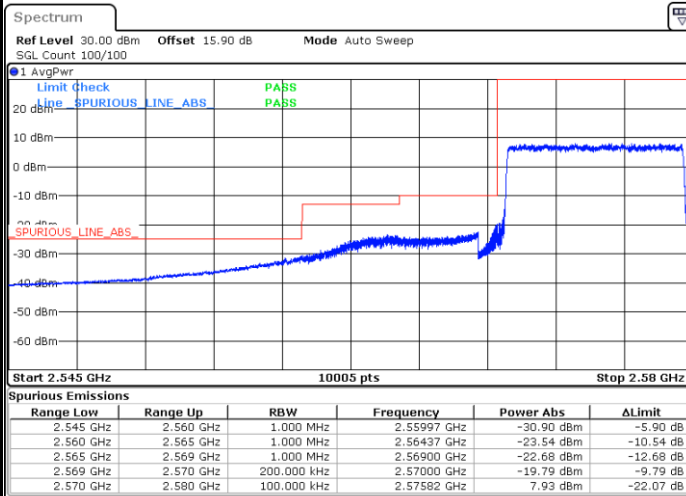
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

