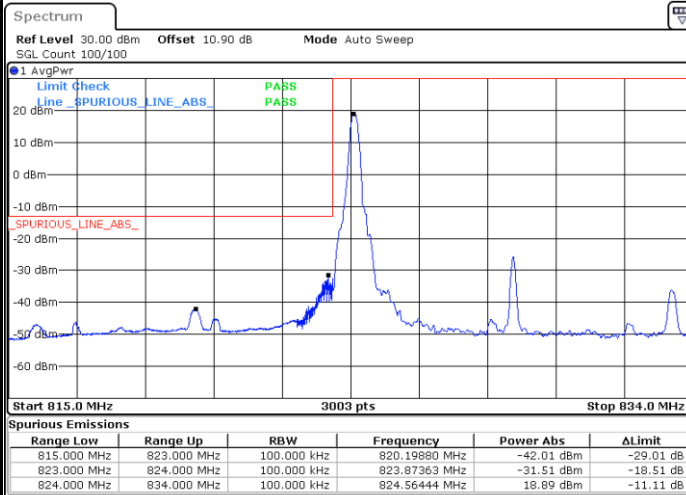


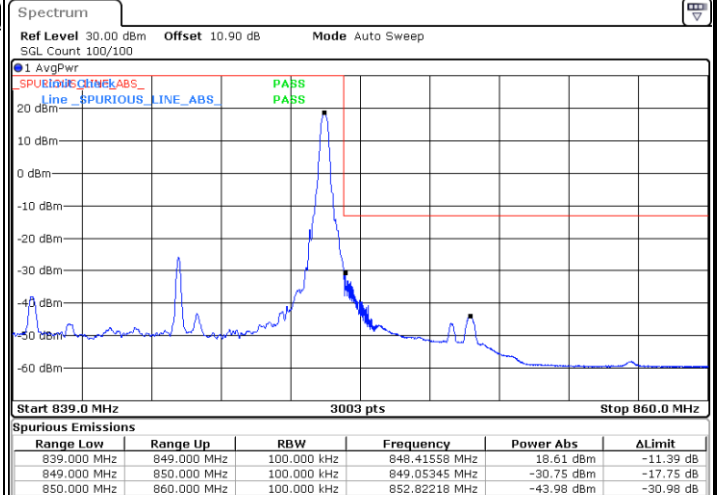


LTE Band 26 / 10MHz / 64QAM

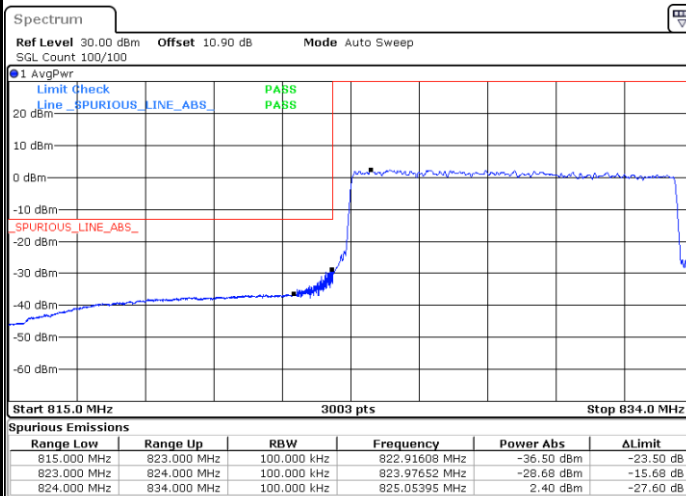
Lowest Band Edge / 1 RB



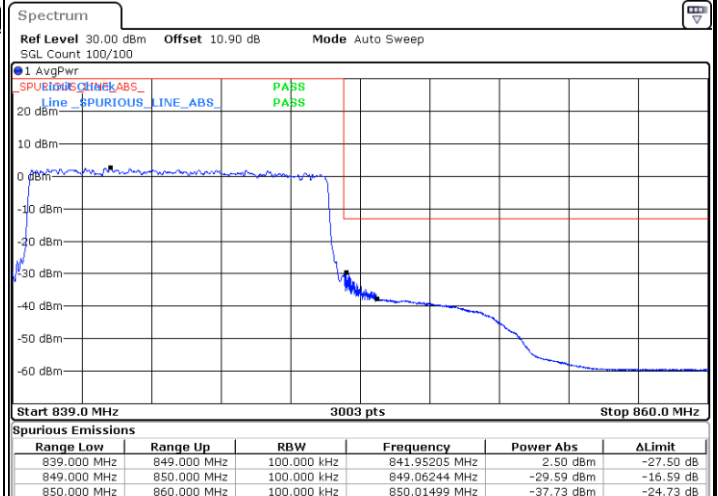
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



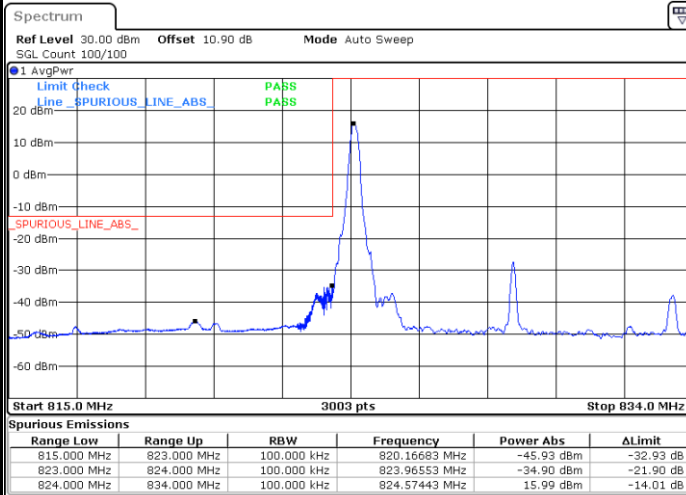
Highest Band Edge / Full RB



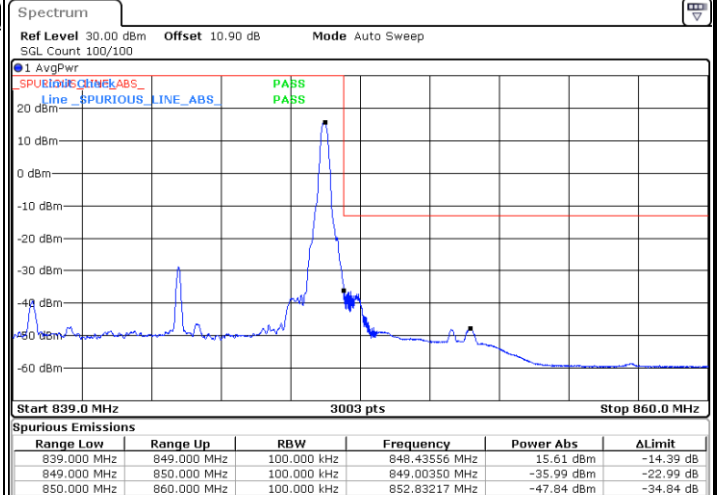


LTE Band 26 / 10MHz / 256QAM

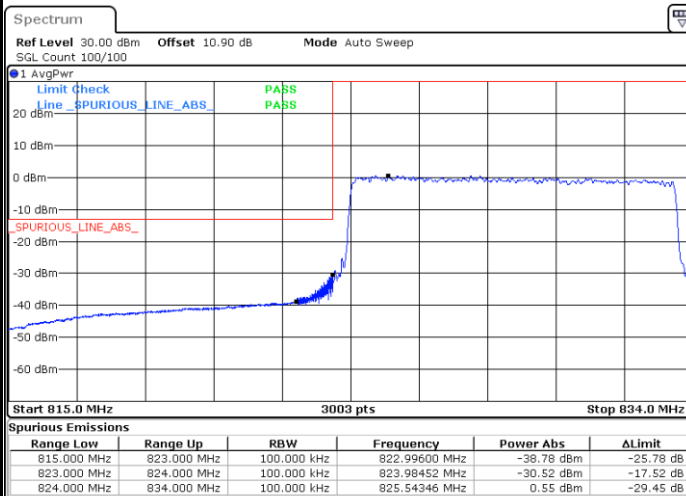
Lowest Band Edge / 1 RB



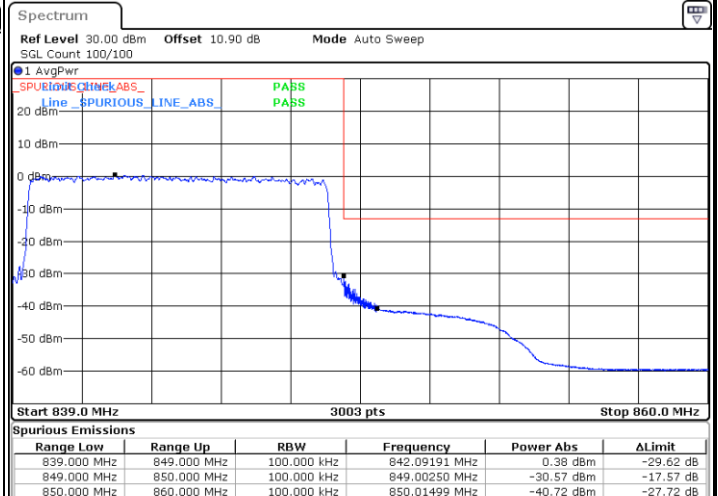
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



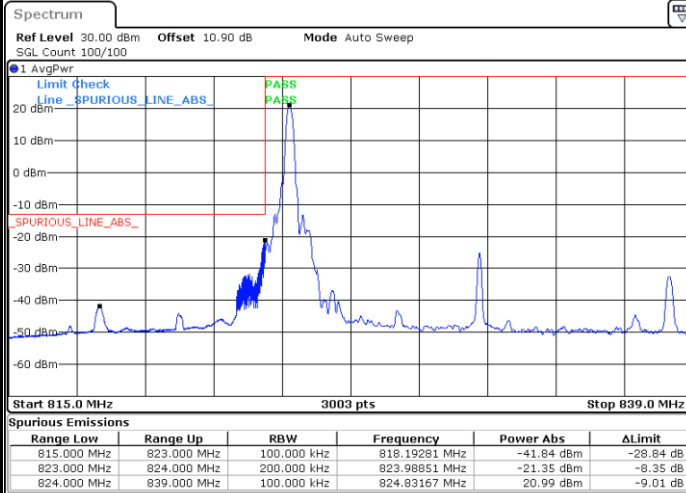
Highest Band Edge / Full RB



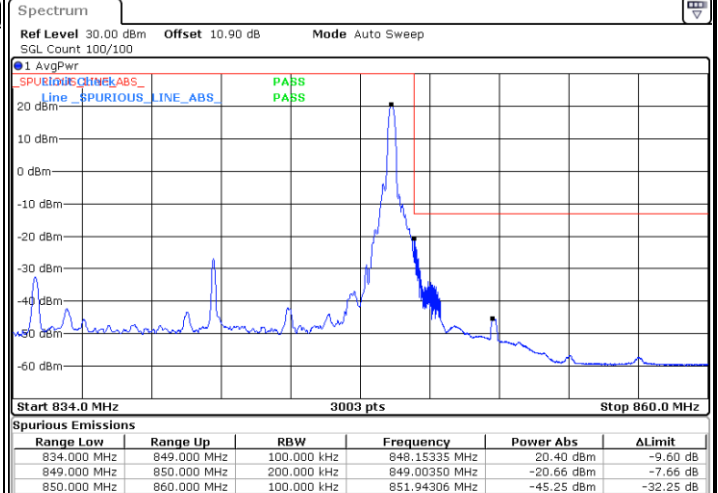


LTE Band 26 / 15MHz / QPSK

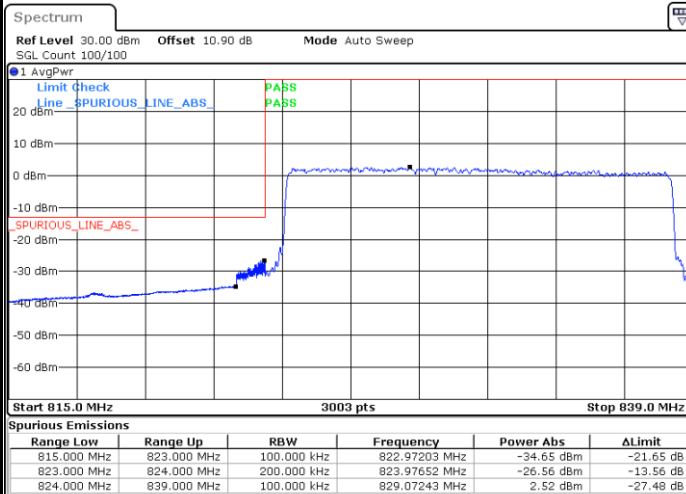
Lowest Band Edge / 1 RB



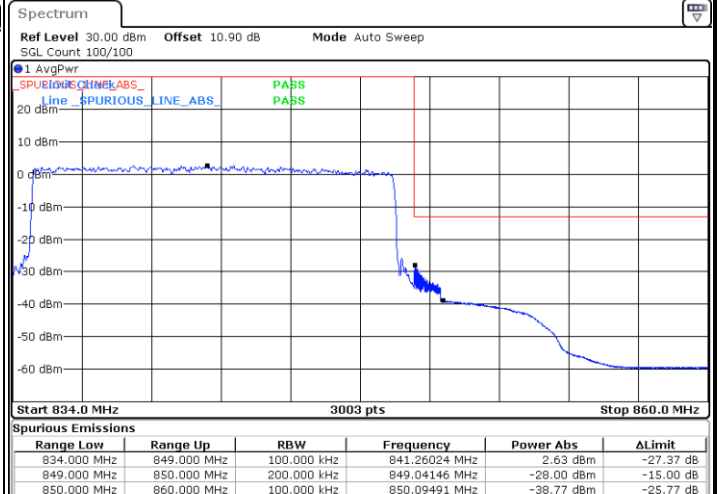
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



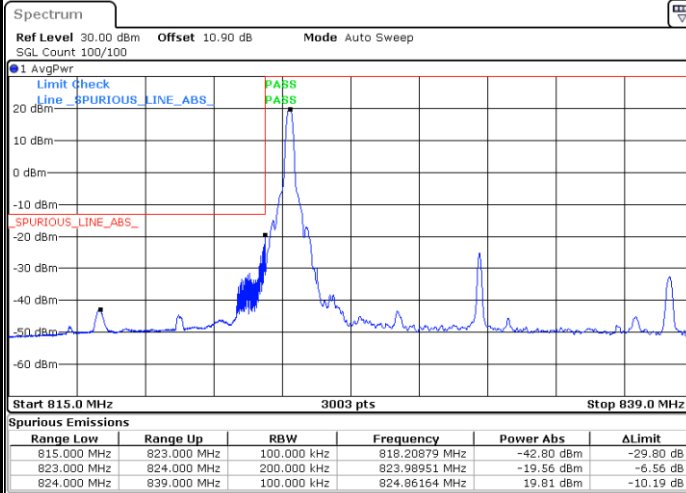
Highest Band Edge / Full RB



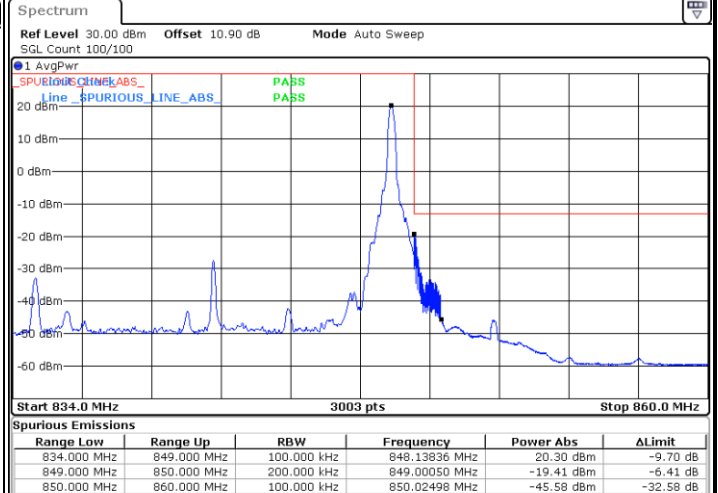


LTE Band 26 / 15MHz / 16QAM

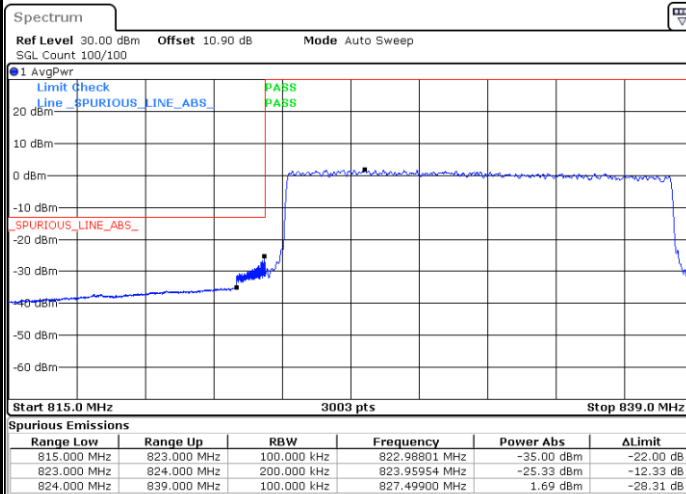
Lowest Band Edge / 1 RB



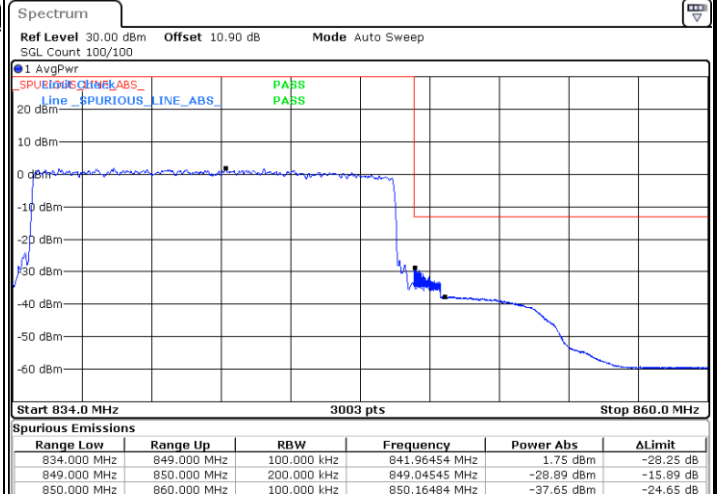
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



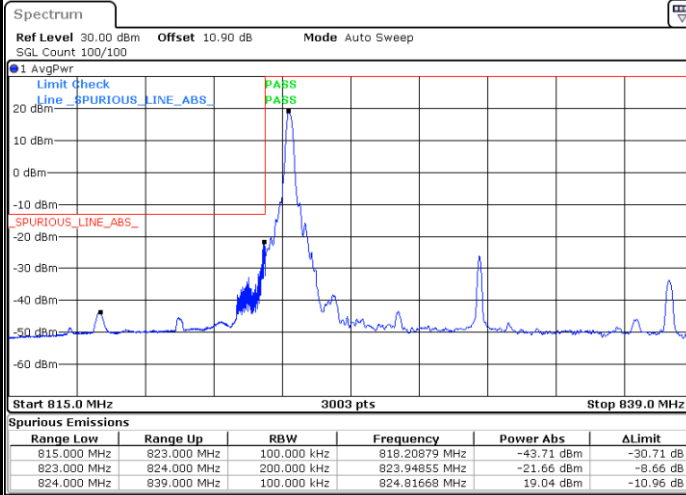
Highest Band Edge / Full RB



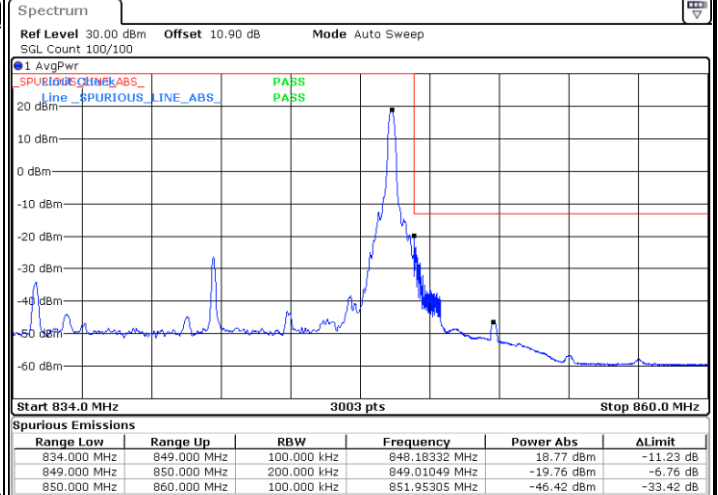


LTE Band 26 / 15MHz / 64QAM

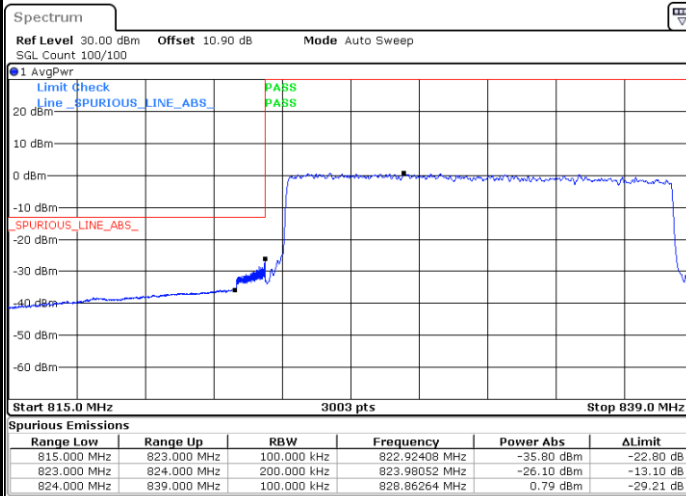
Lowest Band Edge / 1 RB



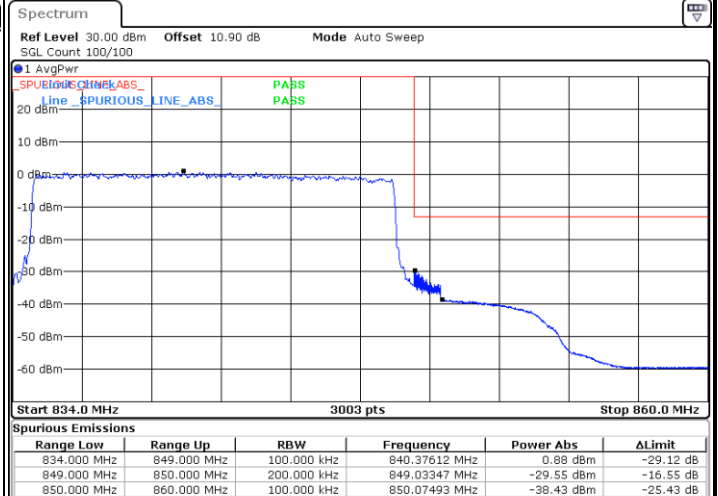
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



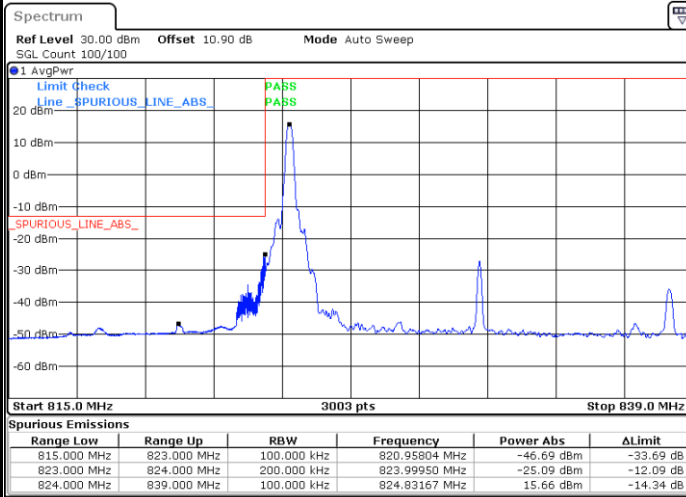
Highest Band Edge / Full RB



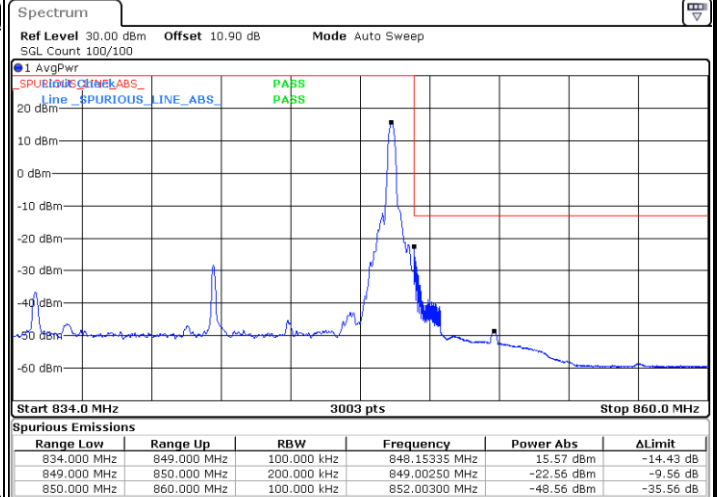


LTE Band 26 / 15MHz / 256QAM

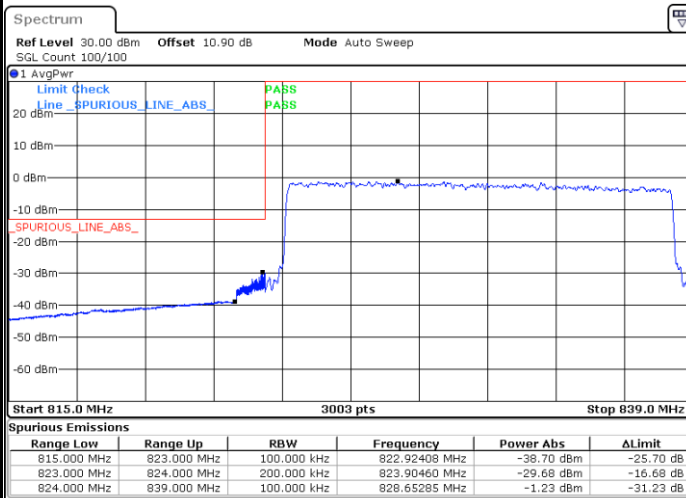
Lowest Band Edge / 1 RB



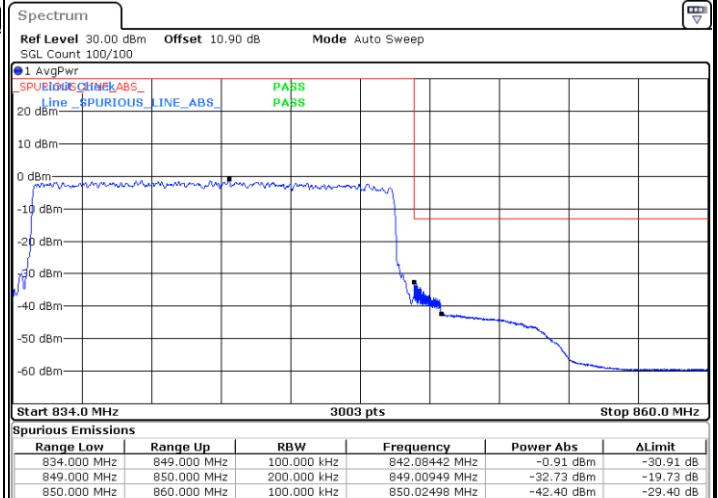
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

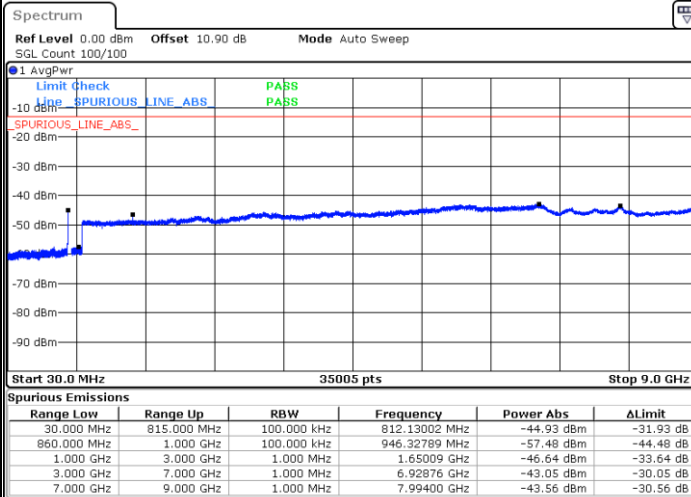




Conducted Spurious Emission

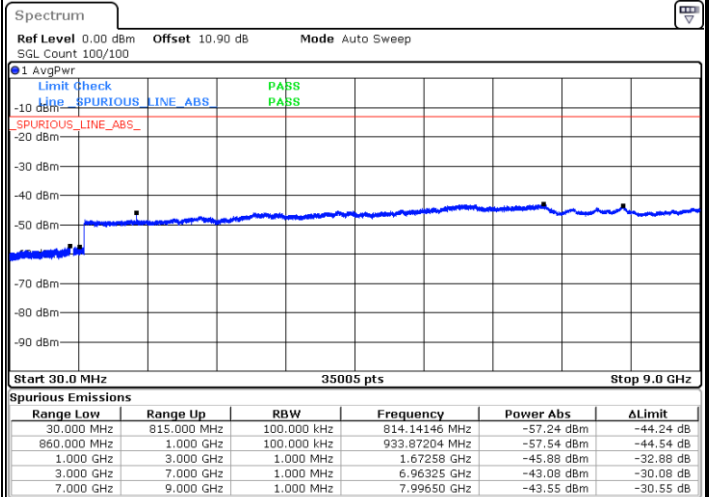
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



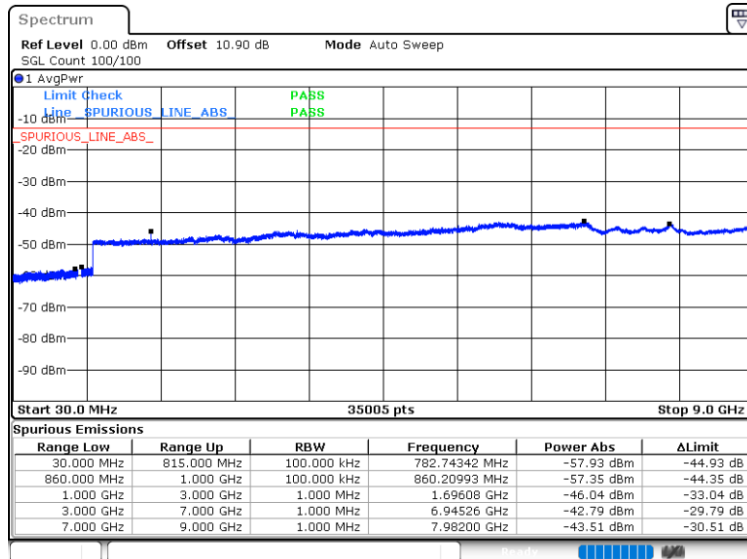
Date: 6.JUN.2021 20:40:06

Middle Channel / QPSK



Date: 6.JUN.2021 20:42:12

Highest Channel / QPSK

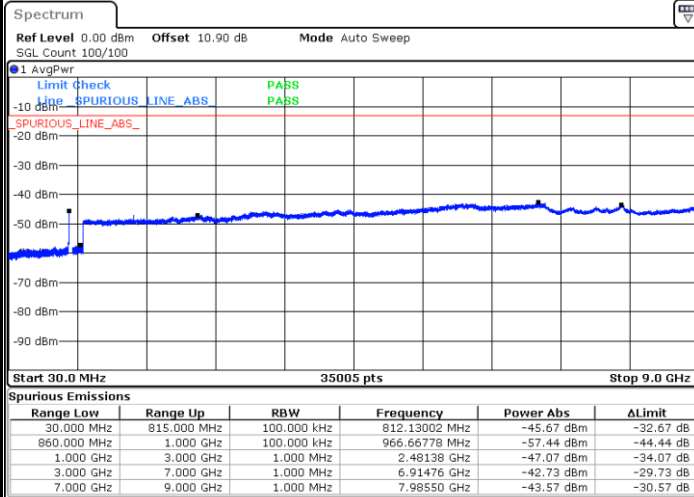


Date: 6.JUN.2021 20:45:43



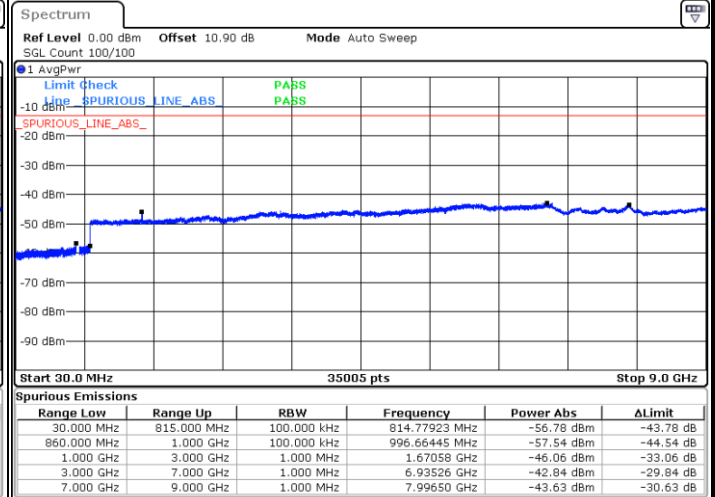
LTE Band 26 / 3MHz

Lowest Channel / QPSK



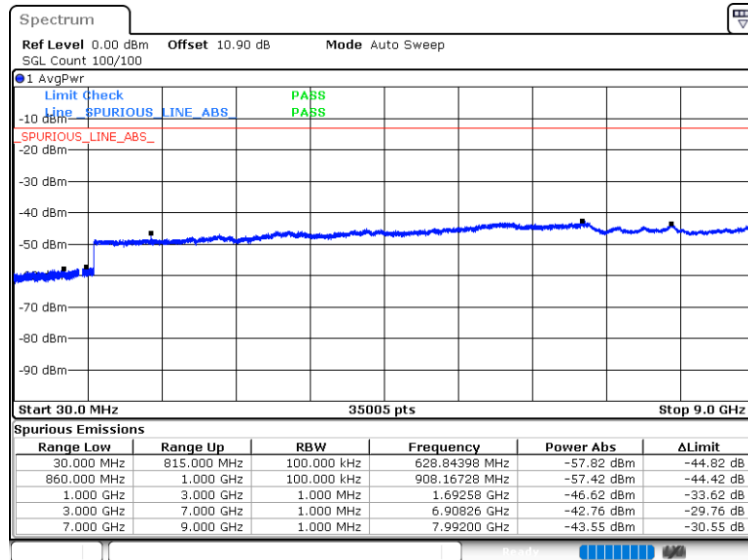
Date: 6.JUN.2021 20:56:39

Middle Channel / QPSK



Date: 6.JUN.2021 20:58:45

Highest Channel / QPSK

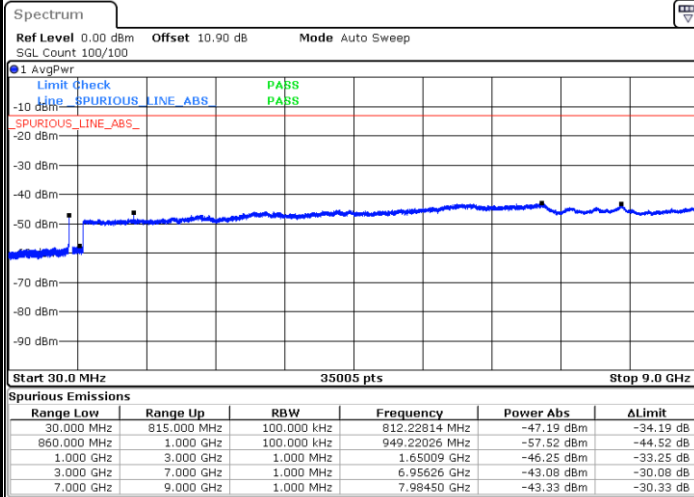


Date: 6.JUN.2021 21:02:15



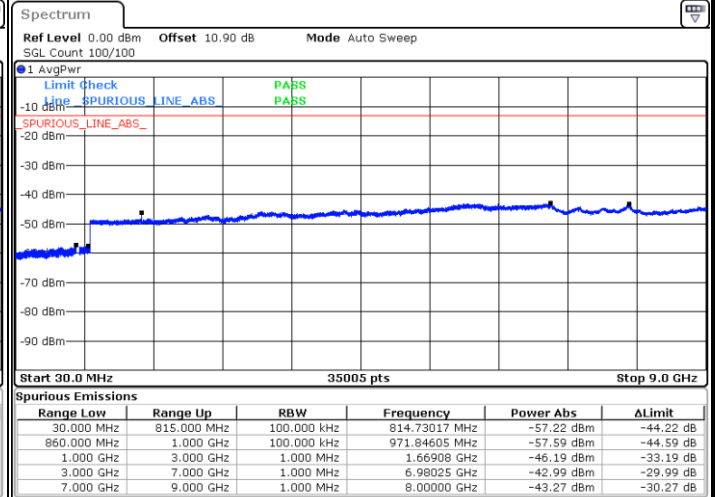
LTE Band 26 / 5MHz

Lowest Channel / QPSK



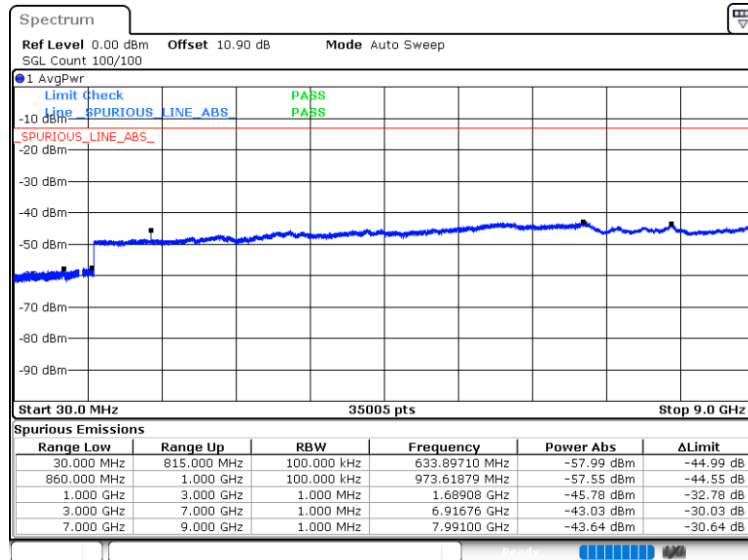
Date: 6.JUN.2021 21:07:49

Middle Channel / QPSK



Date: 6.JUN.2021 21:09:56

Highest Channel / QPSK

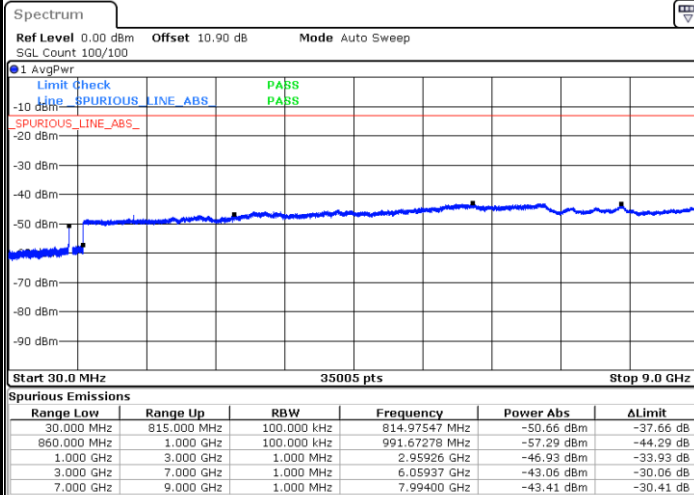


Date: 6.JUN.2021 21:13:27



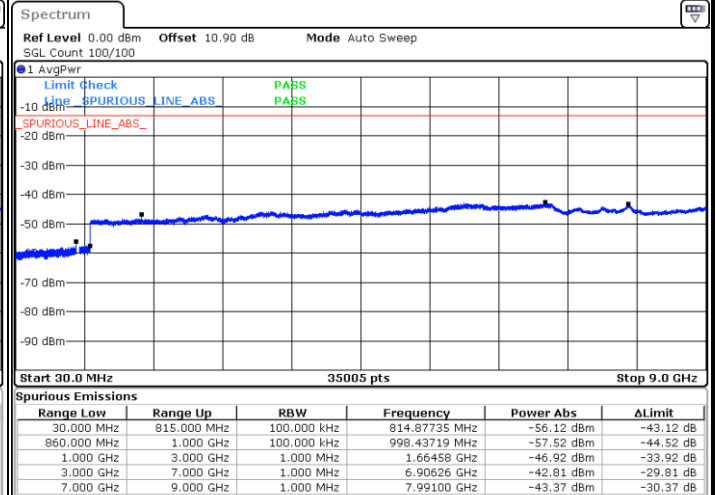
LTE Band 26 / 10MHz

Lowest Channel / QPSK



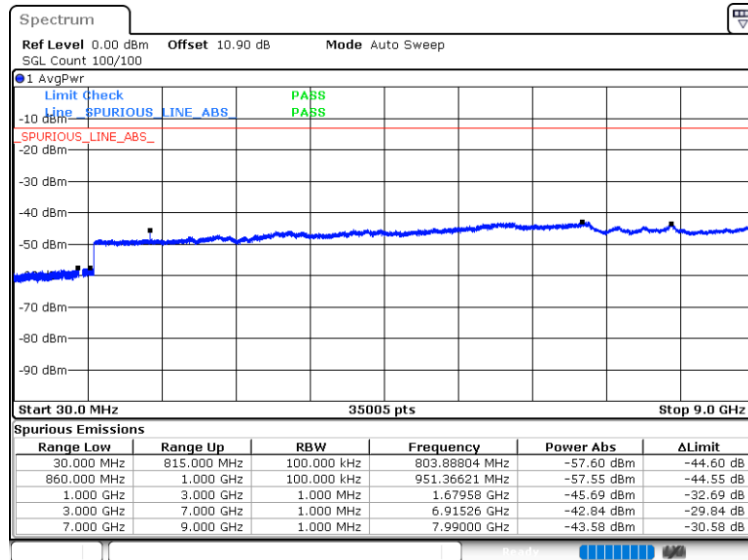
Date: 6.JUN.2021 21:20:35

Middle Channel / QPSK



Date: 6.JUN.2021 21:22:41

Highest Channel / QPSK

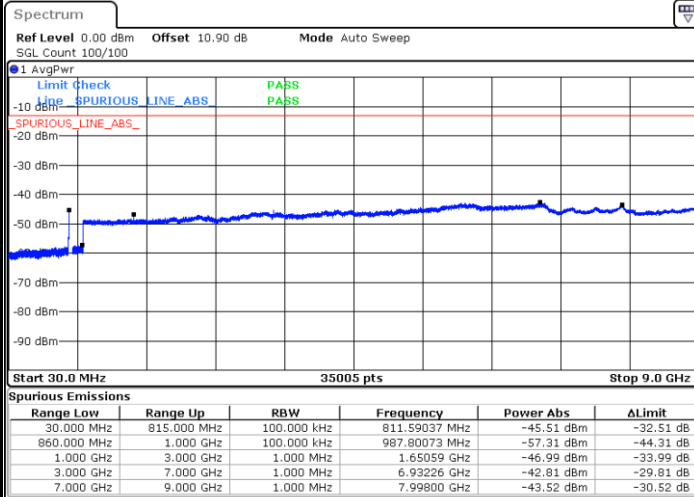


Date: 6.JUN.2021 21:26:11



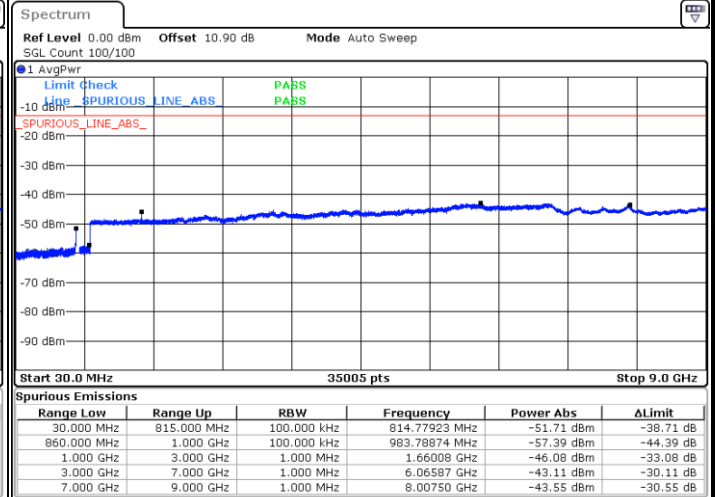
LTE Band 26 / 15MHz

Lowest Channel / QPSK



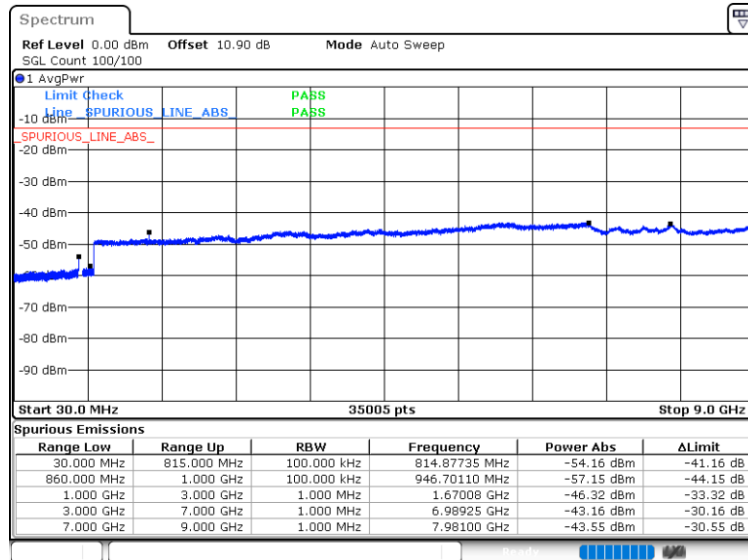
Date: 6.JUN.2021 21:46:46

Middle Channel / QPSK



Date: 6.JUN.2021 21:48:52

Highest Channel / QPSK



Date: 6.JUN.2021 21:52:22

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	0.0032	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0093	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0133	
-30	Normal Voltage	0.0136	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

Note:

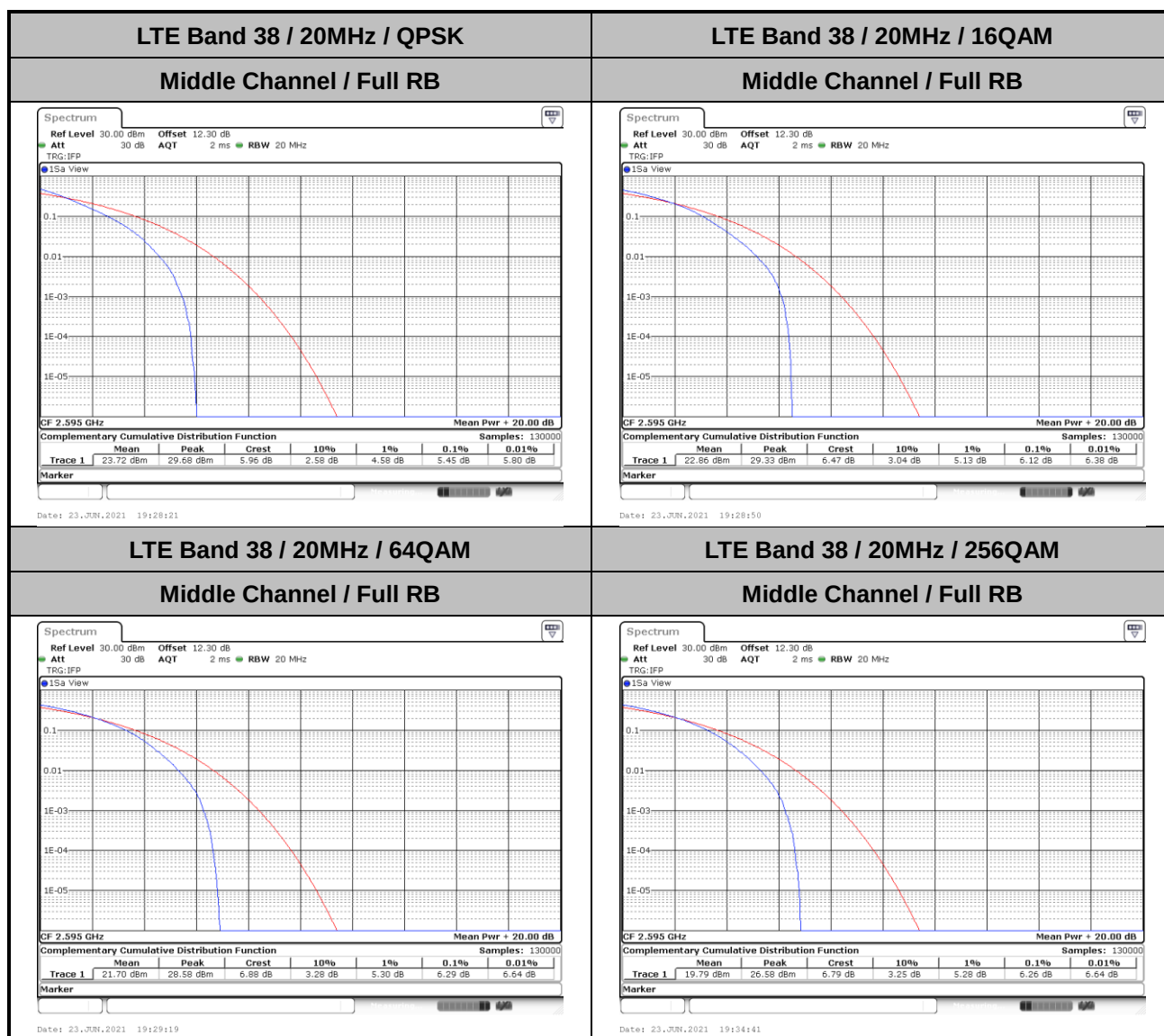
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	5.45	6.12	6.29	6.26	PASS



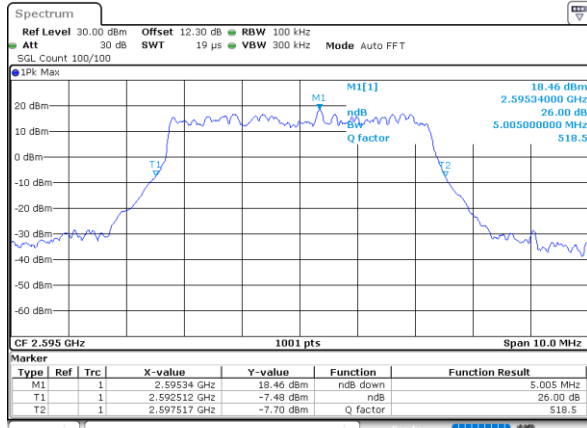
**26dB Bandwidth**

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	-	-	-	-	5.01	4.88	10.27	10.15	14.69	14.57	19.34	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	-	-	-	-	4.78	5.26	10.29	10.07	14.09	14.33	19.54	18.66



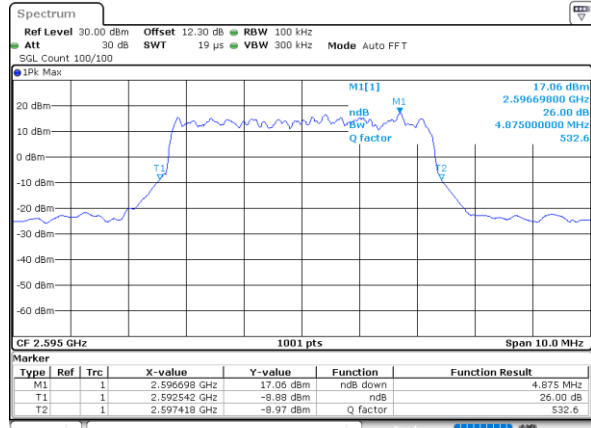
LTE Band 38

Middle Channel / 5MHz / QPSK



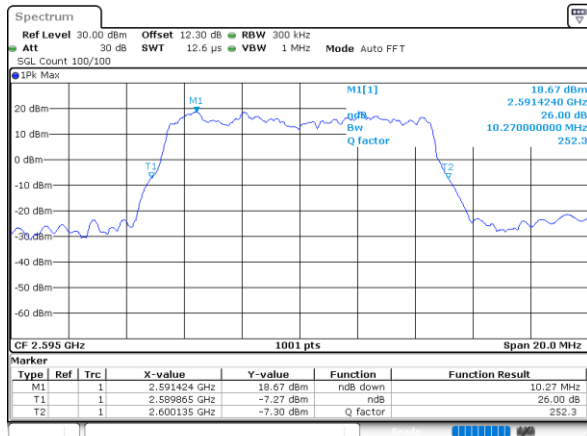
Date: 23 JUN 2021 19:10:45

Middle Channel / 5MHz / 16QAM



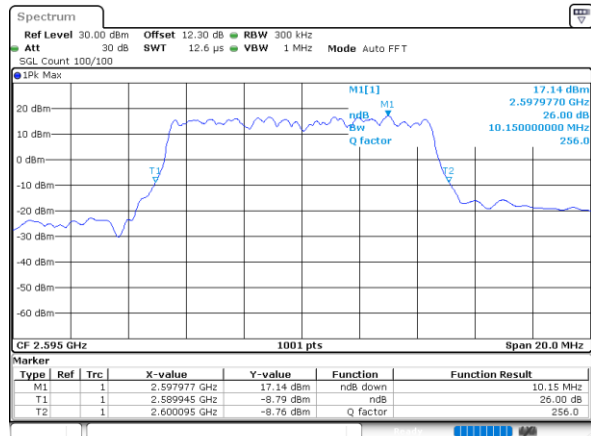
Date: 23 JUN 2021 19:11:06

Middle Channel / 10MHz / QPSK



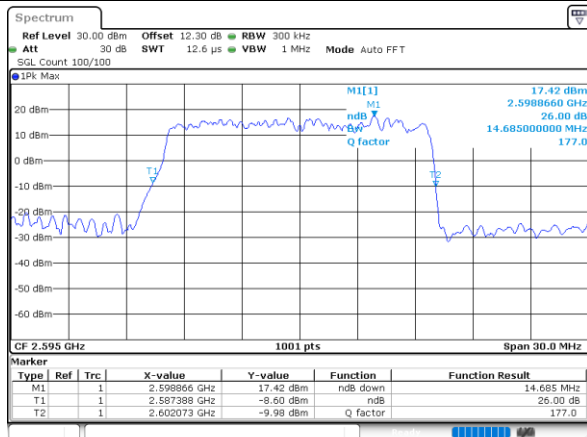
Date: 23 JUN 2021 19:20:15

Middle Channel / 10MHz / 16QAM



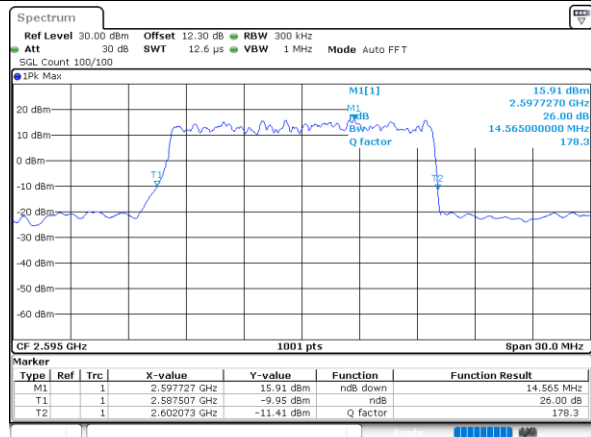
Date: 23 JUN 2021 19:20:36

Middle Channel / 15MHz / QPSK



Date: 23 JUN 2021 19:21:46

Middle Channel / 15MHz / 16QAM

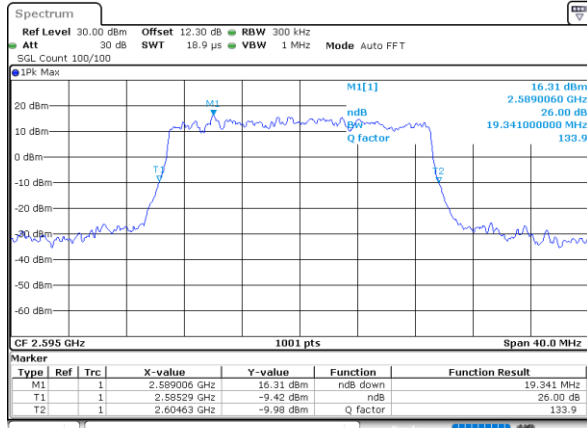


Date: 23 JUN 2021 19:22:06



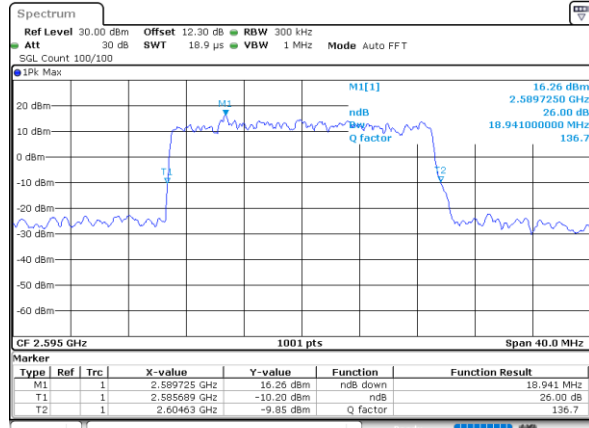
LTE Band 38

Middle Channel / 20MHz / QPSK



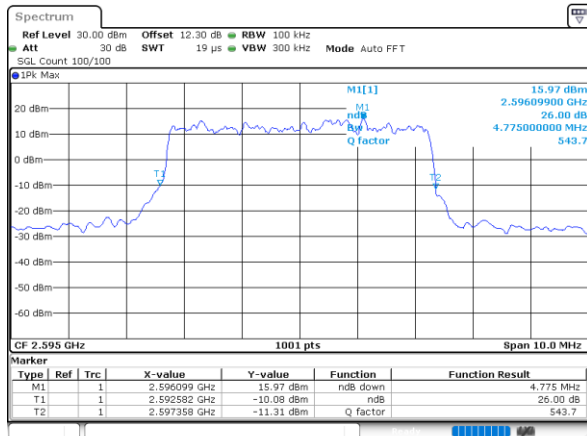
Date: 23 JUN 2021 19:23:16

Middle Channel / 20MHz / 16QAM



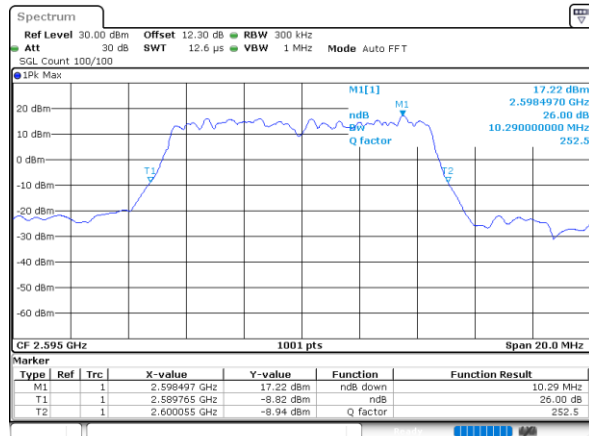
Date: 23 JUN 2021 19:23:17

Middle Channel / 5MHz / 64QAM



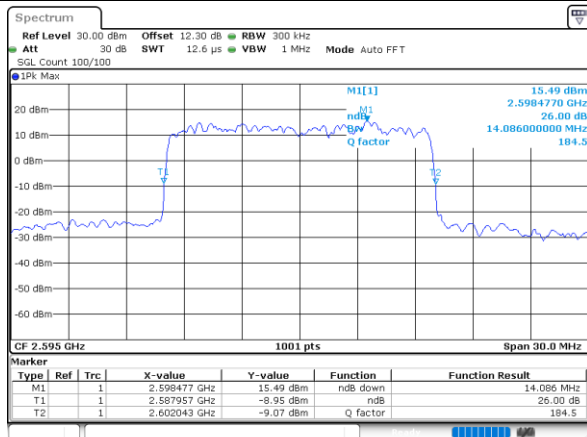
Date: 23 JUN 2021 19:24:25

Middle Channel / 10MHz / 64QAM



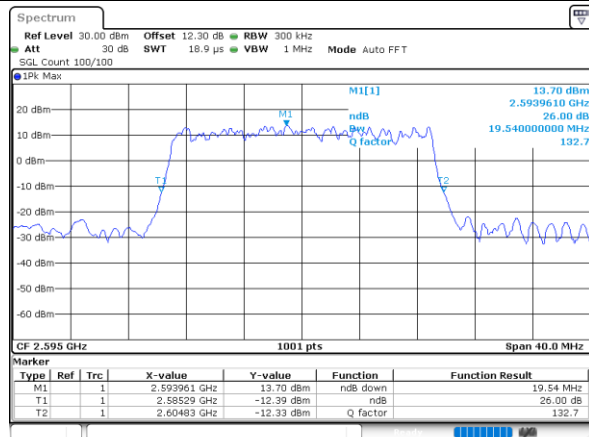
Date: 23 JUN 2021 19:25:13

Middle Channel / 15MHz / 64QAM



Date: 23 JUN 2021 19:26:00

Middle Channel / 20MHz / 64QAM

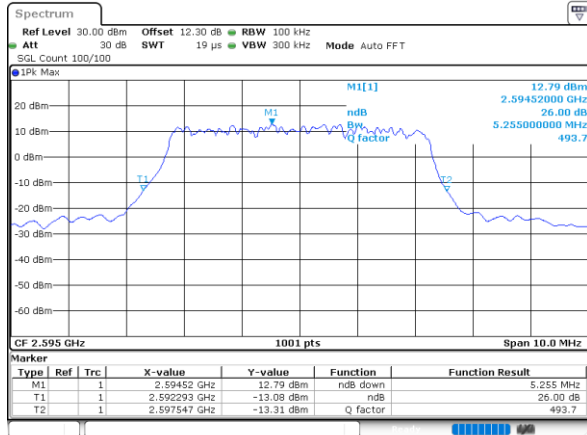


Date: 23 JUN 2021 19:26:46



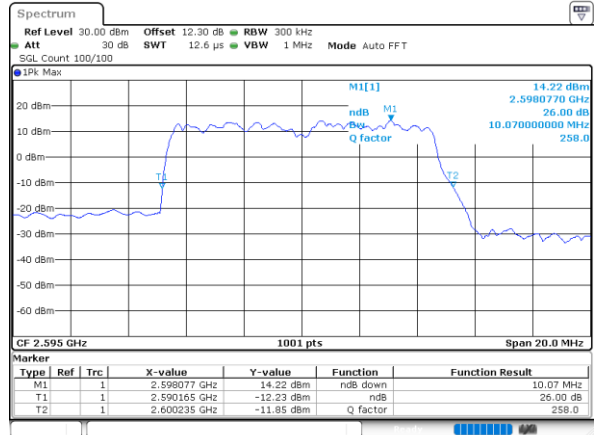
LTE Band 38

Middle Channel / 5MHz / 256QAM



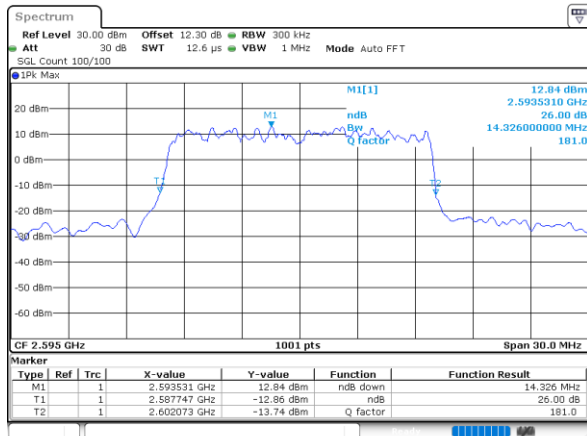
Date: 23 JUN 2021 19:30:46

Middle Channel / 10MHz / 256QAM



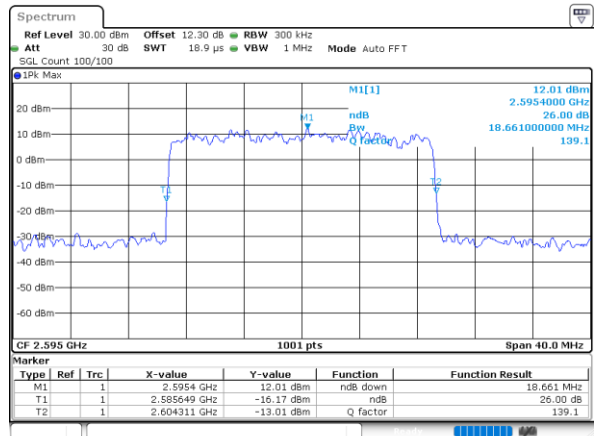
Date: 23 JUN 2021 19:31:33

Middle Channel / 15MHz / 256QAM



Date: 23 JUN 2021 19:32:20

Middle Channel / 20MHz / 256QAM



Date: 23 JUN 2021 19:33:08

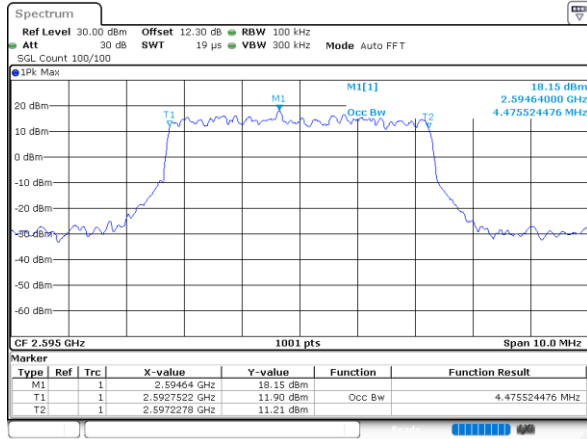
**Occupied Bandwidth**

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	-	-	-	-	4.48	4.56	9.05	9.15	13.46	13.49	17.90	17.94
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	-	-	-	-	4.50	4.49	8.99	9.07	13.43	13.34	17.82	17.86

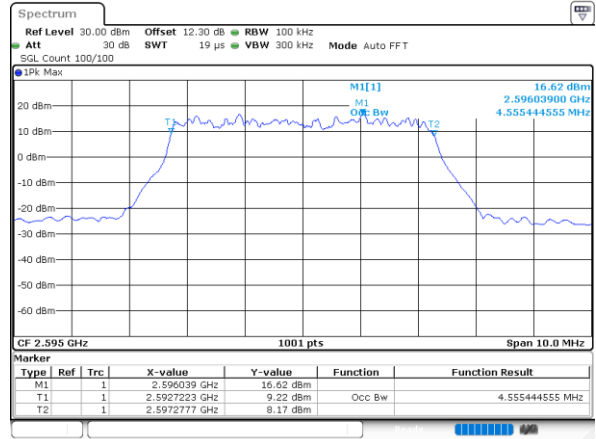


LTE Band 38

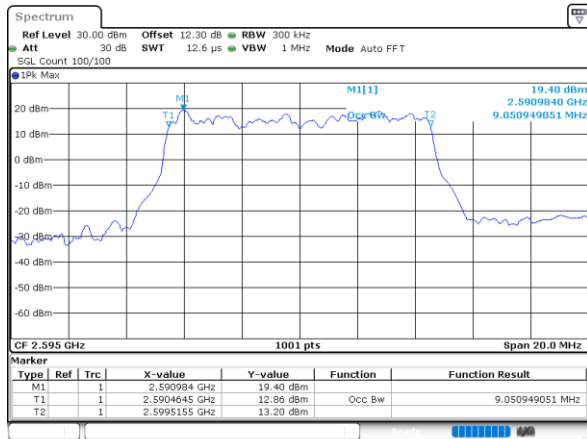
Middle Channel / 5MHz / QPSK



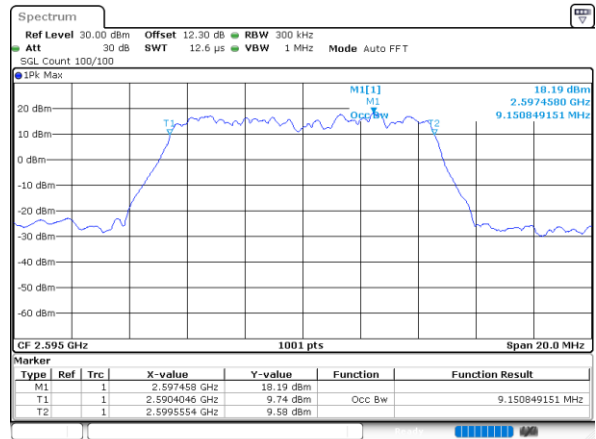
Middle Channel / 5MHz / 16QAM



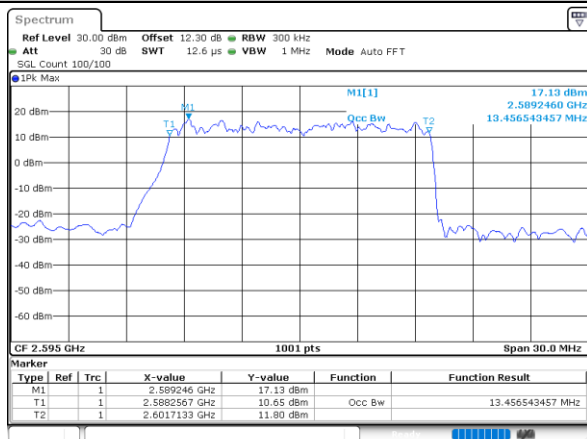
Middle Channel / 10MHz / QPSK



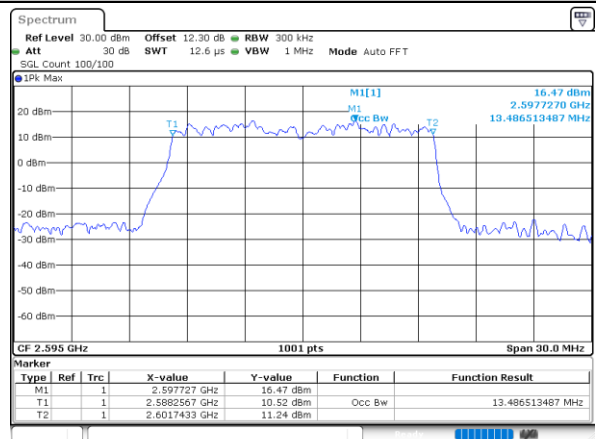
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



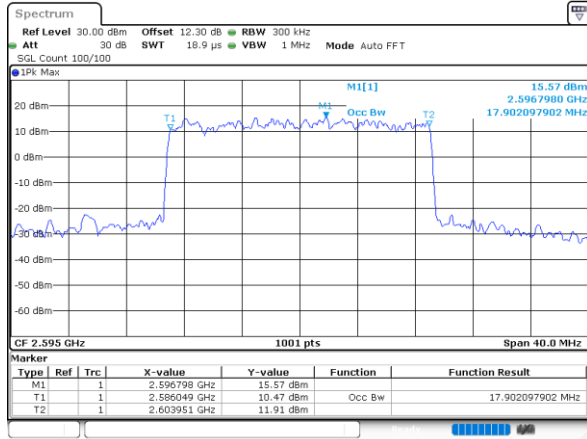
Middle Channel / 15MHz / 16QAM





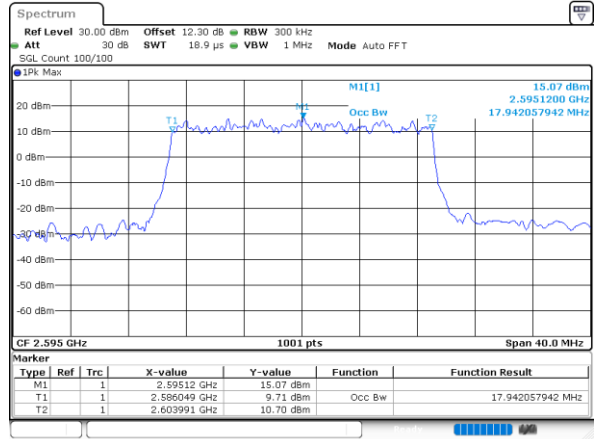
LTE Band 38

Middle Channel / 20MHz / QPSK



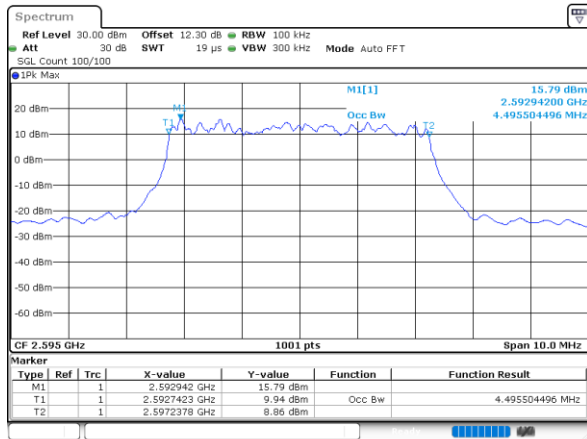
Date: 23 JUN 2021 19:22:13

Middle Channel / 20MHz / 16QAM



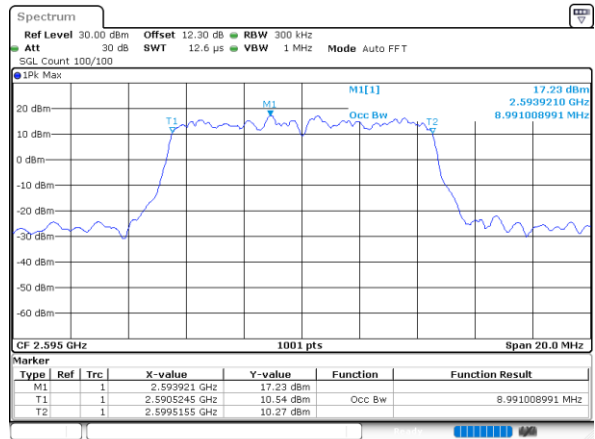
Date: 23 JUN 2021 19:22:14

Middle Channel / 5MHz / 64QAM



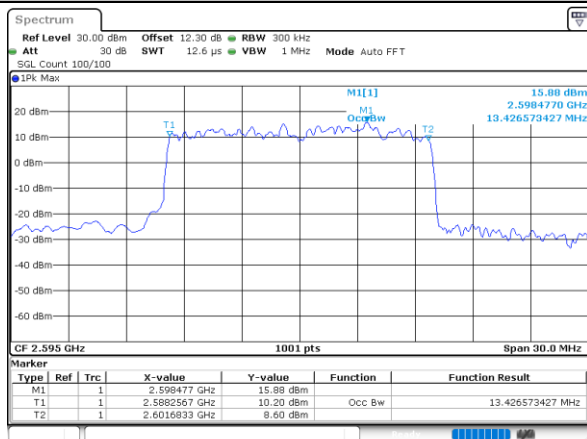
Date: 23 JUN 2021 19:24:03

Middle Channel / 10MHz / 64QAM



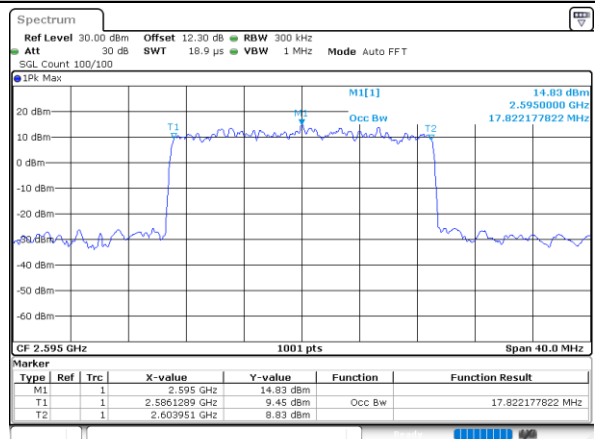
Date: 23 JUN 2021 19:24:10

Middle Channel / 15MHz / 64QAM



Date: 23 JUN 2021 19:25:37

Middle Channel / 20MHz / 64QAM

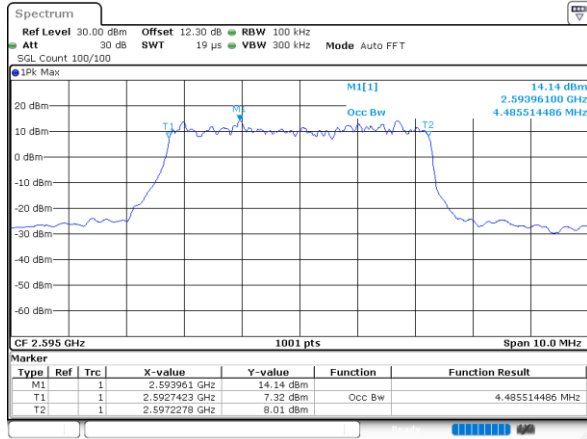


Date: 23 JUN 2021 19:26:24



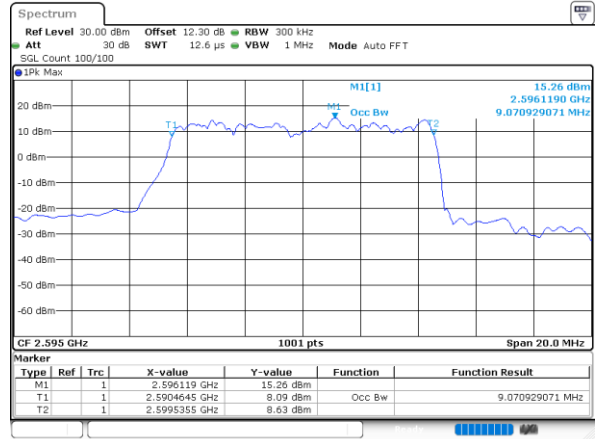
LTE Band 38

Middle Channel / 5MHz / 256QAM



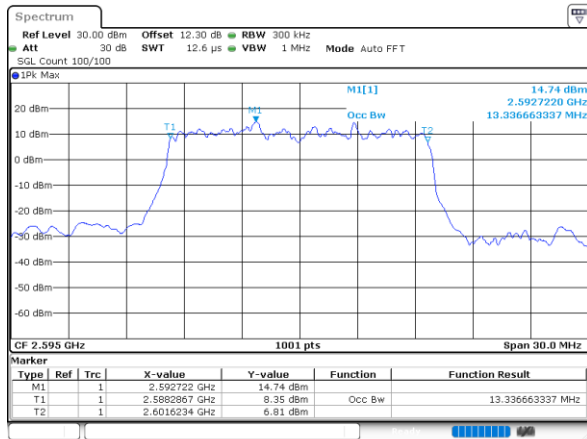
Date: 23 JUN 2021 19:30:23

Middle Channel / 10MHz / 256QAM



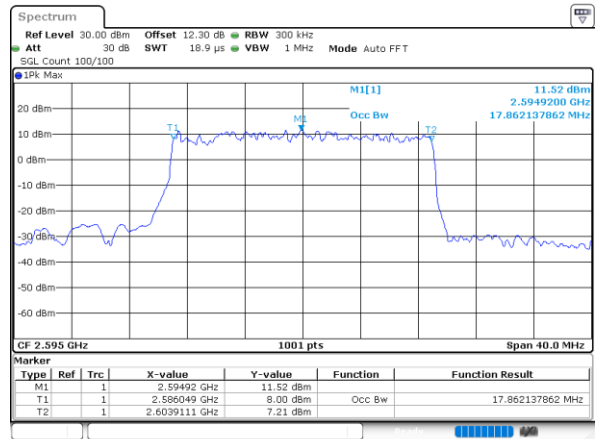
Date: 23 JUN 2021 19:31:10

Middle Channel / 15MHz / 256QAM

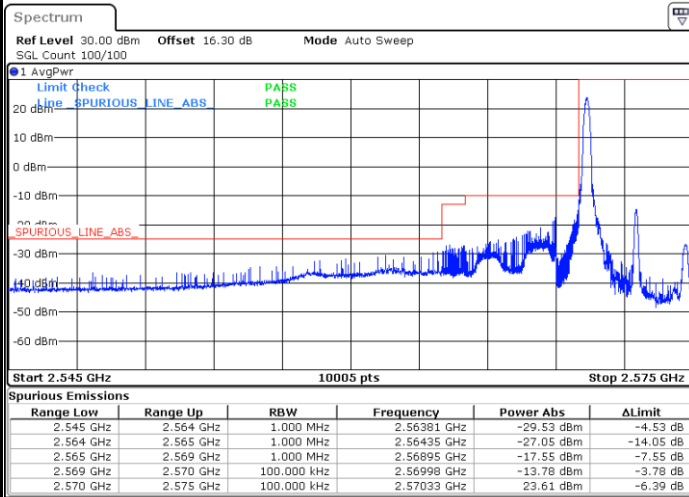
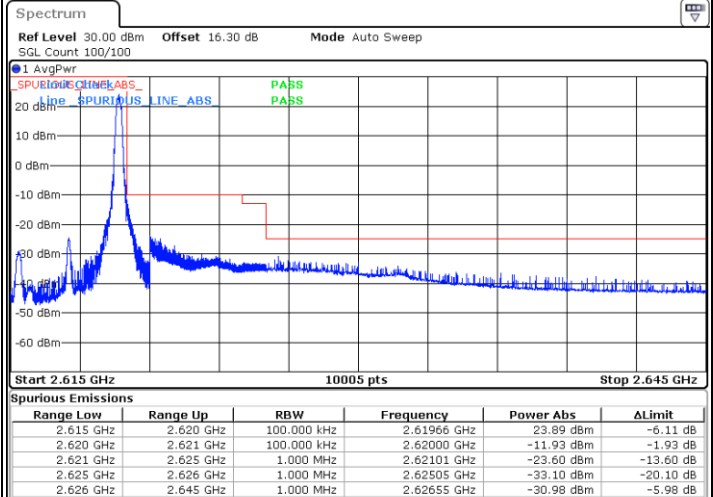
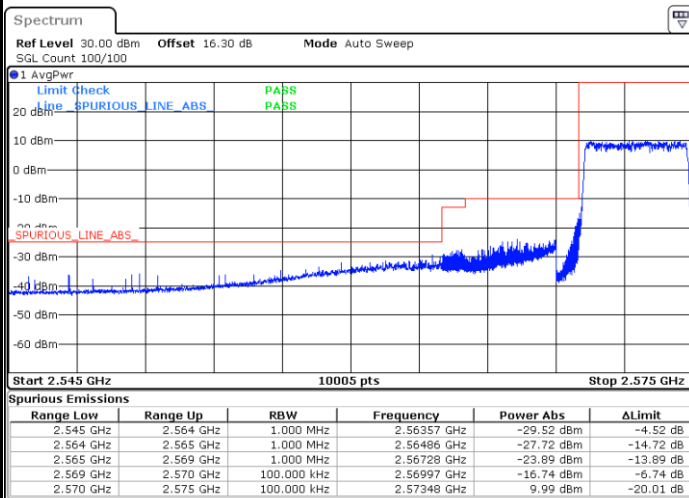
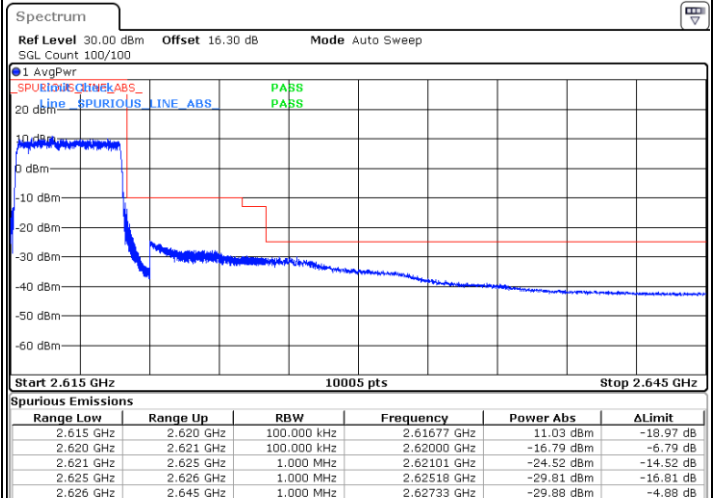


Date: 23 JUN 2021 19:31:57

Middle Channel / 20MHz / 256QAM



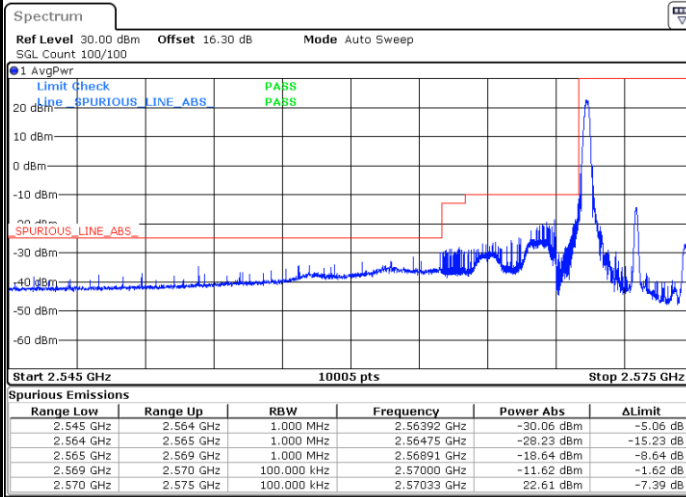
Date: 23 JUN 2021 19:32:45

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

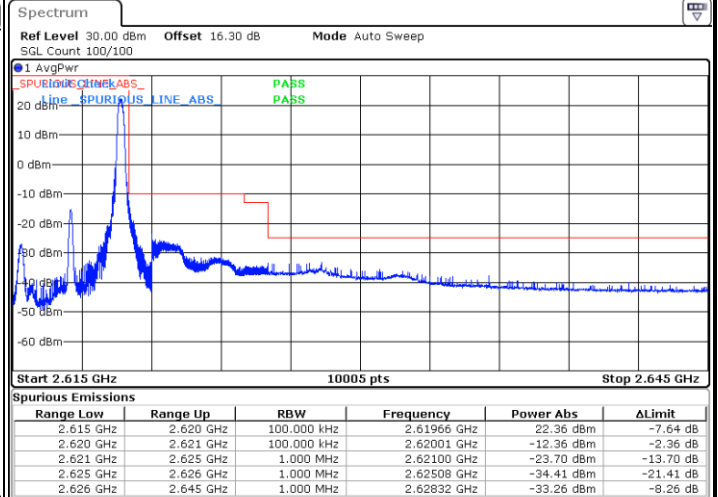


LTE Band 38 / 5MHz / 16QAM

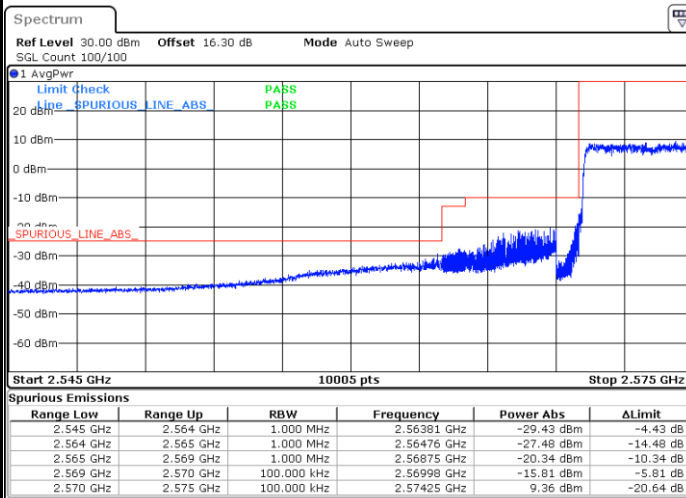
Lowest Band Edge / 1RB



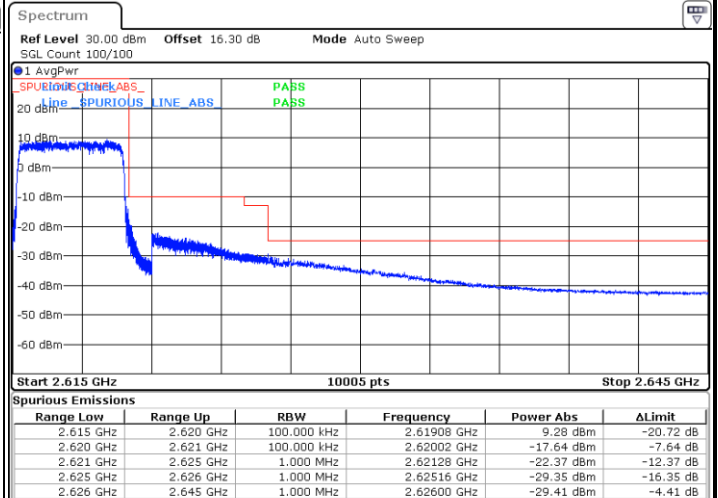
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



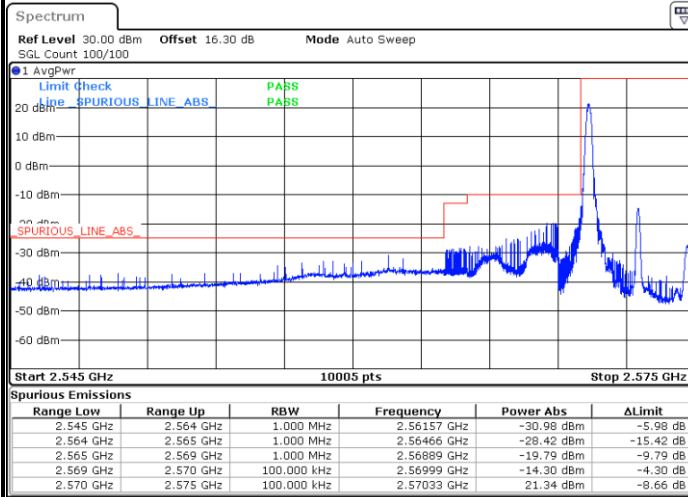
Highest Band Edge / Full RB



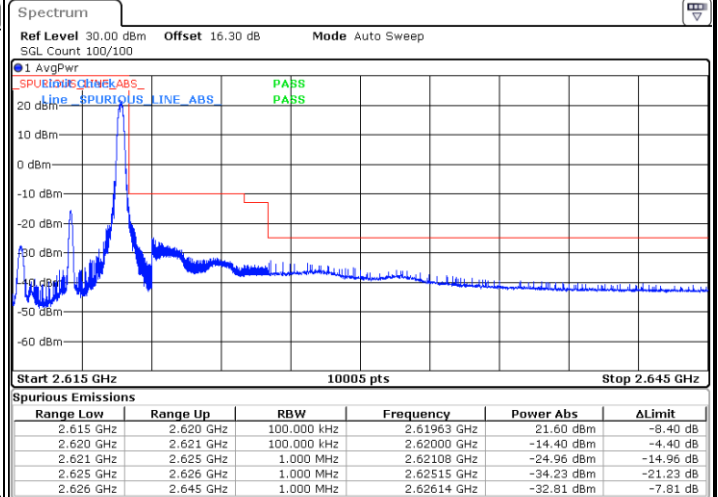


LTE Band 38 / 5MHz / 64QAM

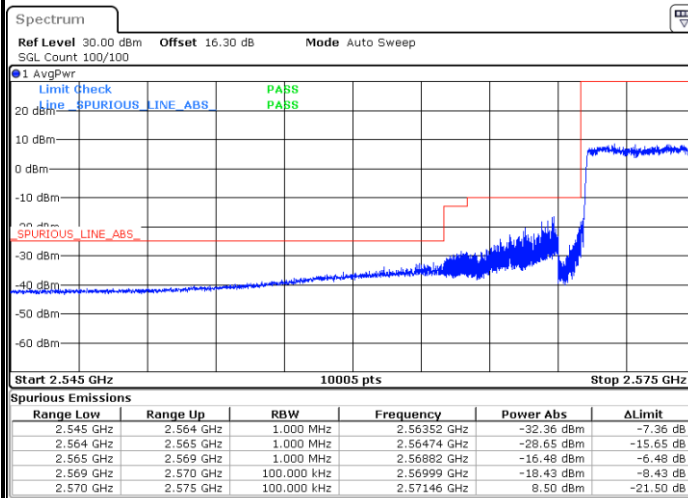
Lowest Band Edge / 1RB



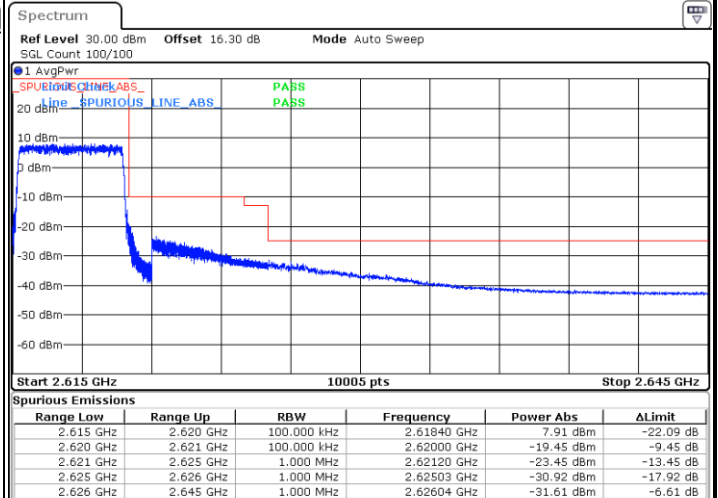
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



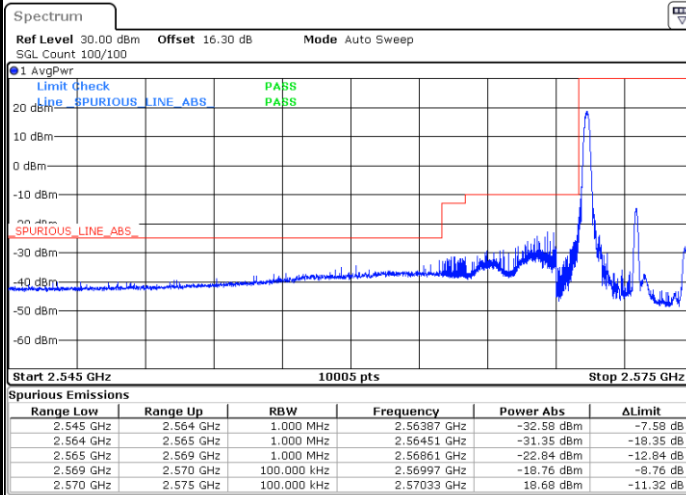
Highest Band Edge / Full RB



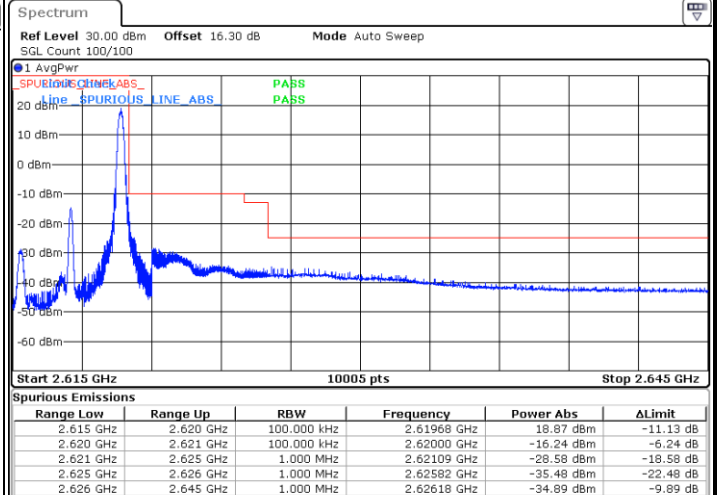


LTE Band 38 / 5MHz / 256QAM

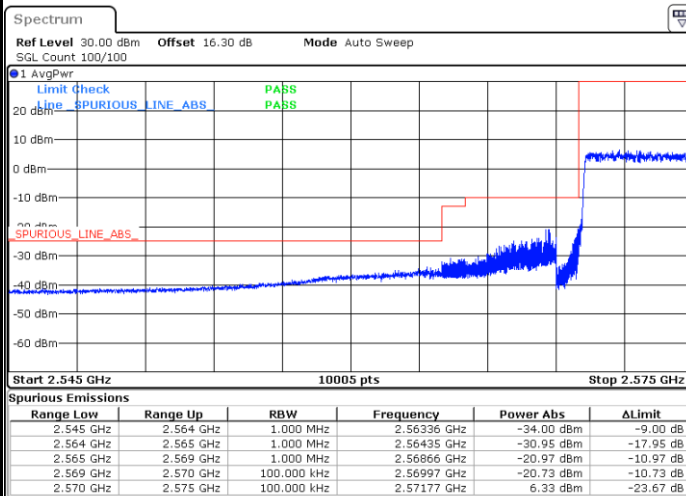
Lowest Band Edge / 1RB



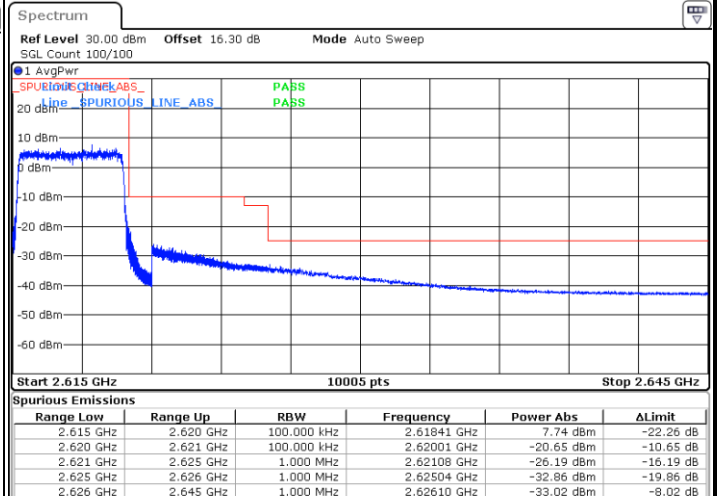
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



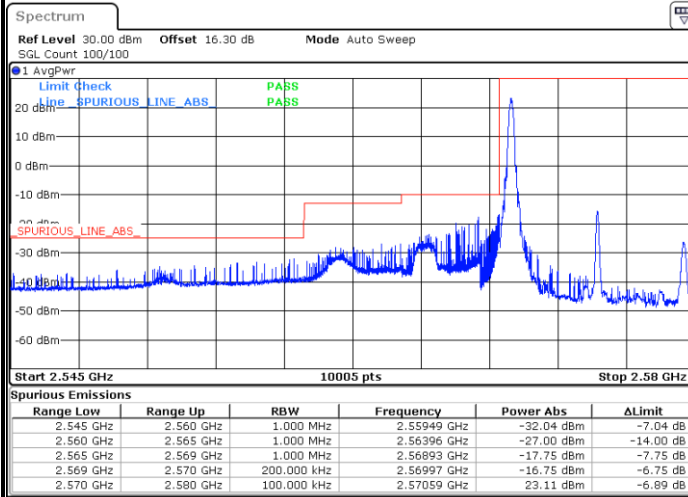
Highest Band Edge / Full RB



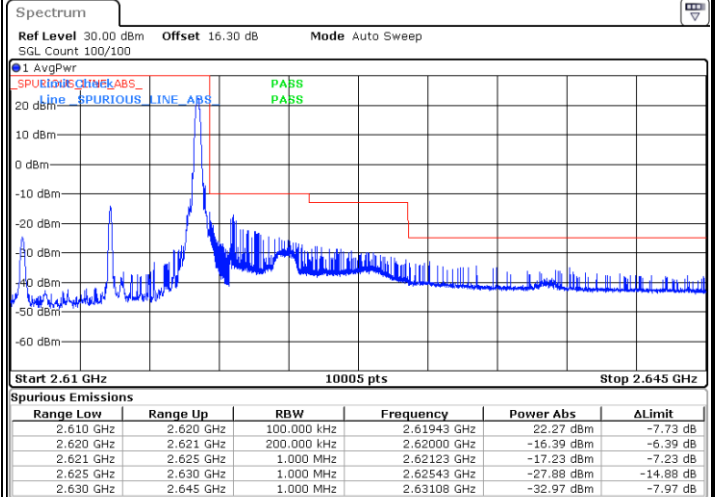


LTE Band 38 / 10MHz / QPSK

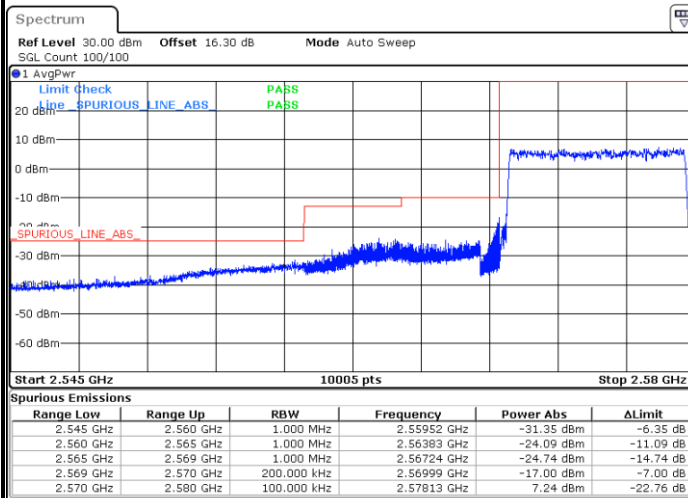
Lowest Band Edge / 1 RB



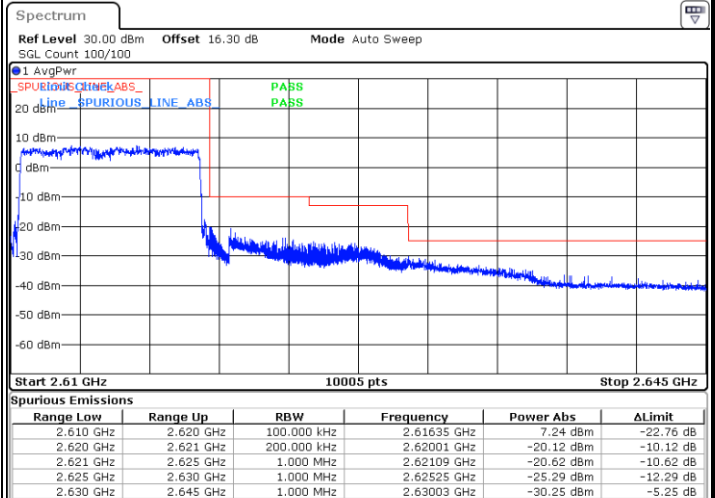
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



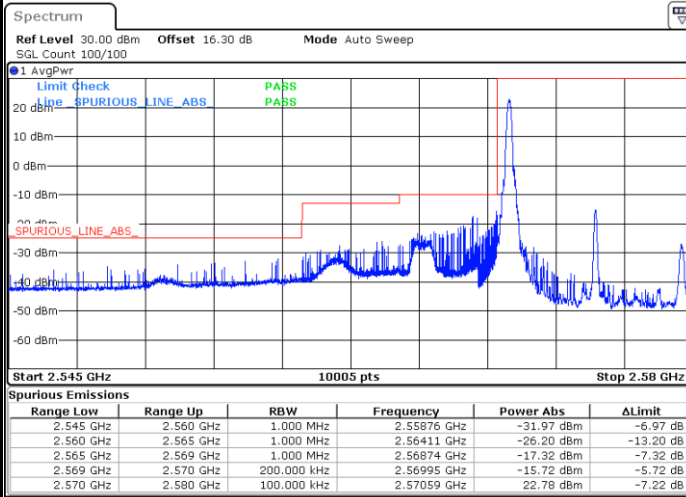
Highest Band Edge / Full RB



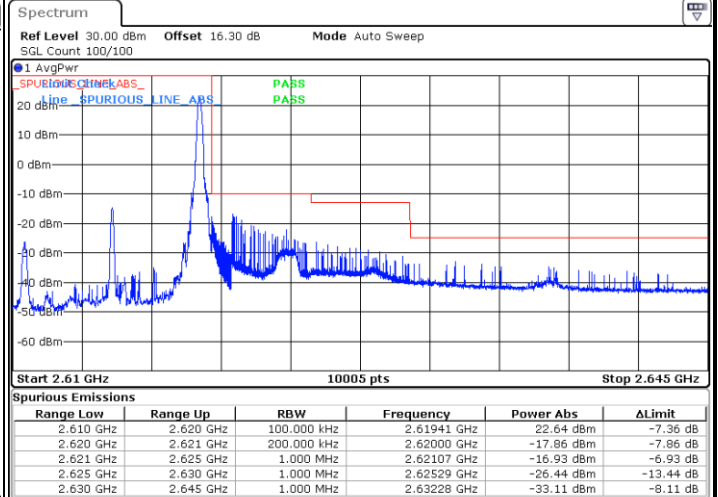


LTE Band 38 / 10MHz / 16QAM

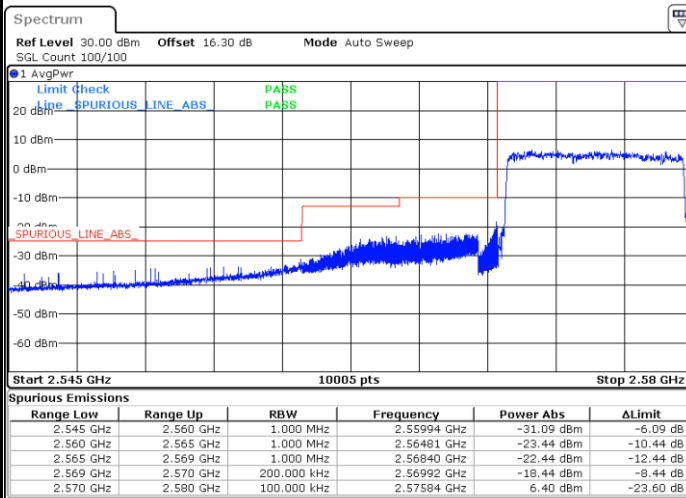
Lowest Band Edge / 1 RB



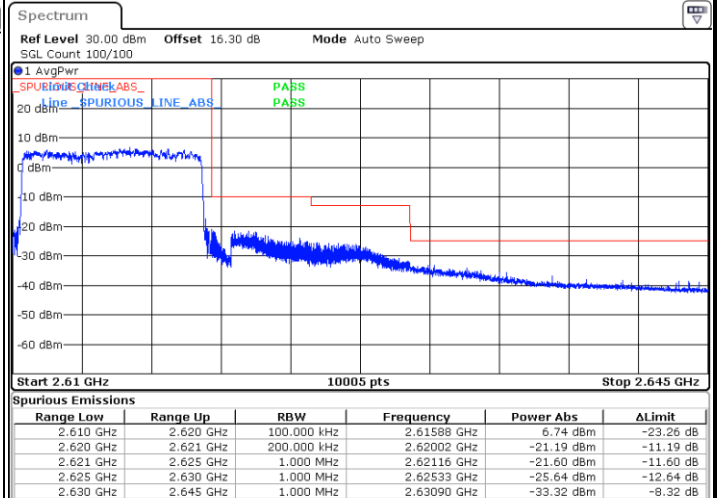
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



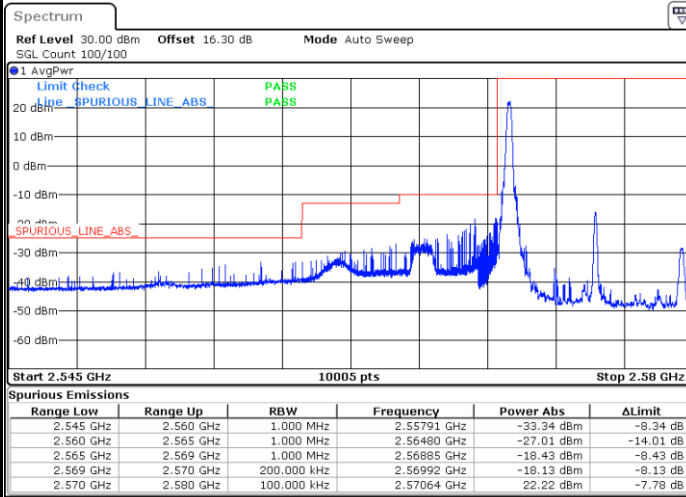
Highest Band Edge / Full RB



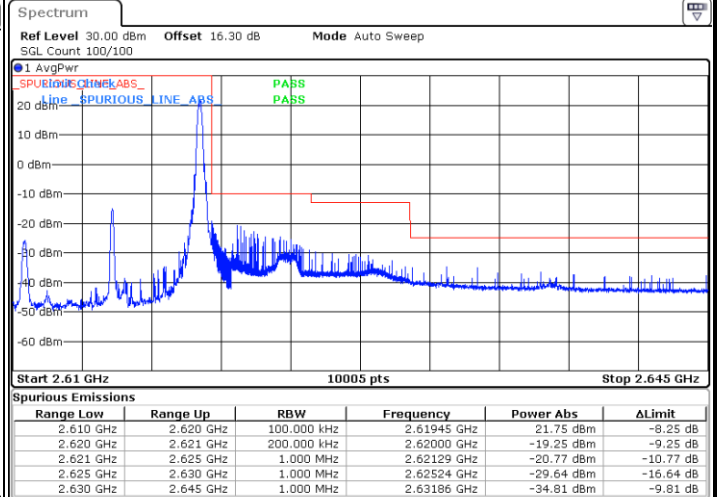


LTE Band 38 / 10MHz / 64QAM

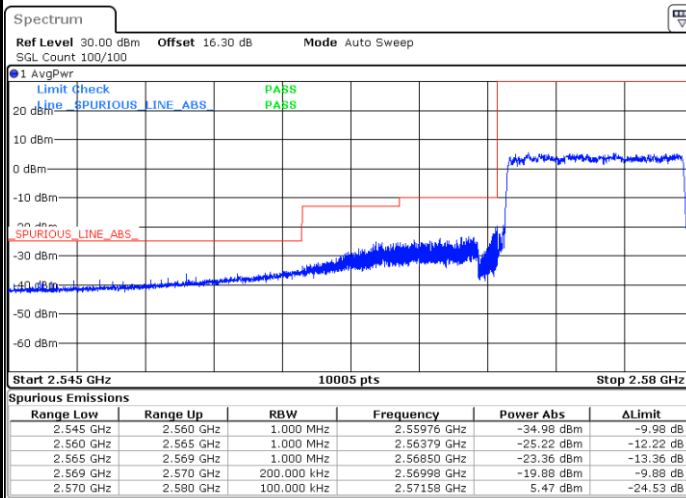
Lowest Band Edge / 1 RB



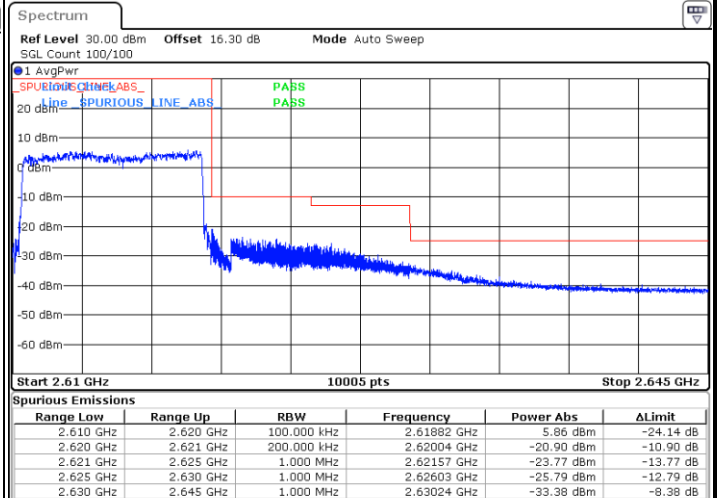
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



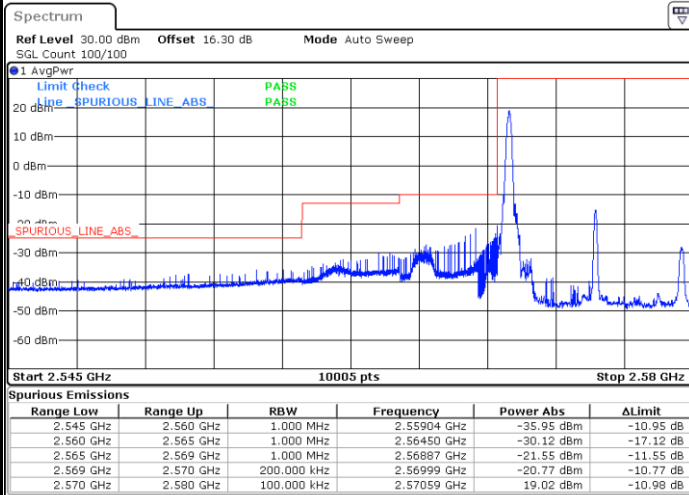
Highest Band Edge / Full RB





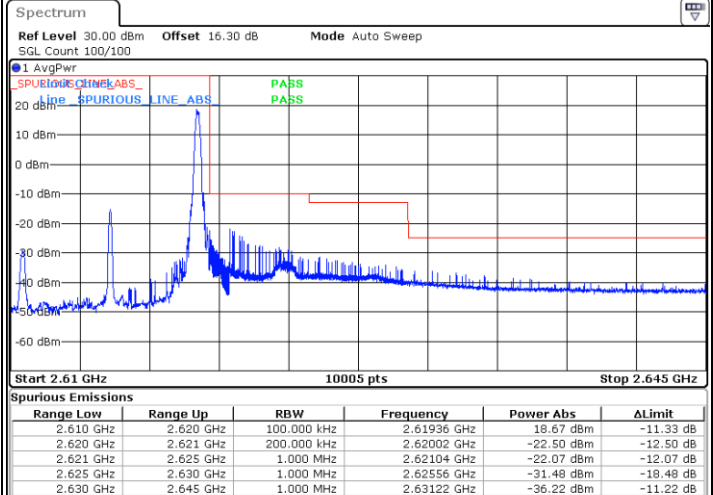
LTE Band 38 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



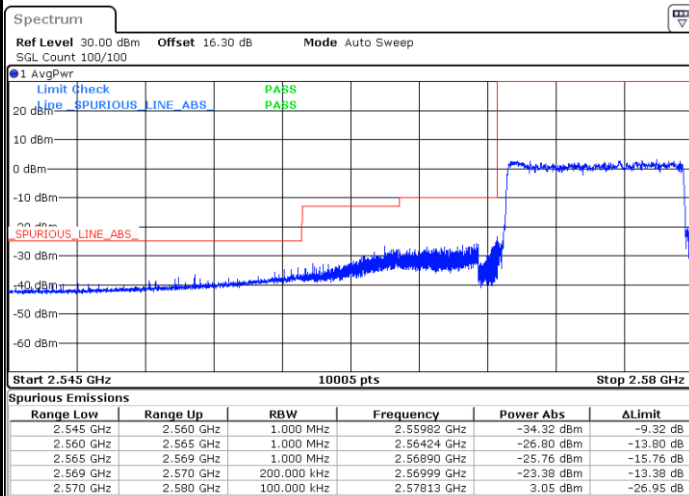
Date: 23.JUN.2021 19:40:01

Highest Band Edge / 1 RB



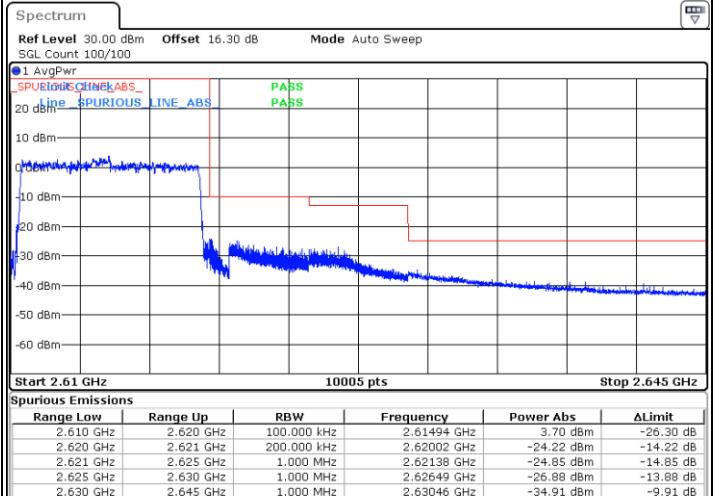
Date: 23.JUN.2021 19:42:18

Lowest Band Edge / Full RB



Date: 23.JUN.2021 19:40:47

Highest Band Edge / Full RB



Date: 23.JUN.2021 19:41:33