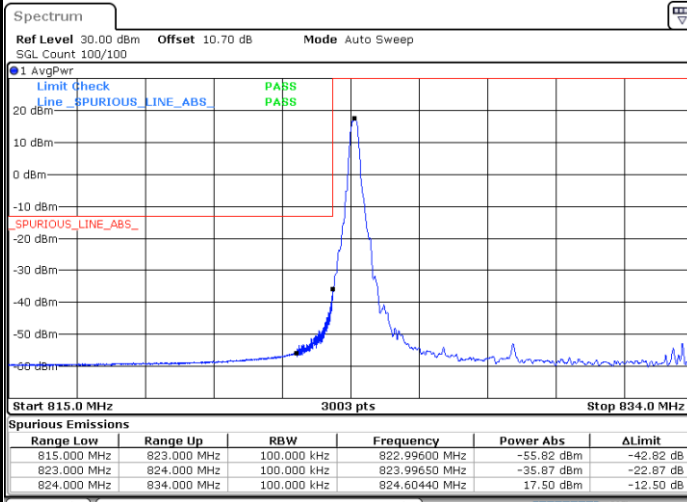




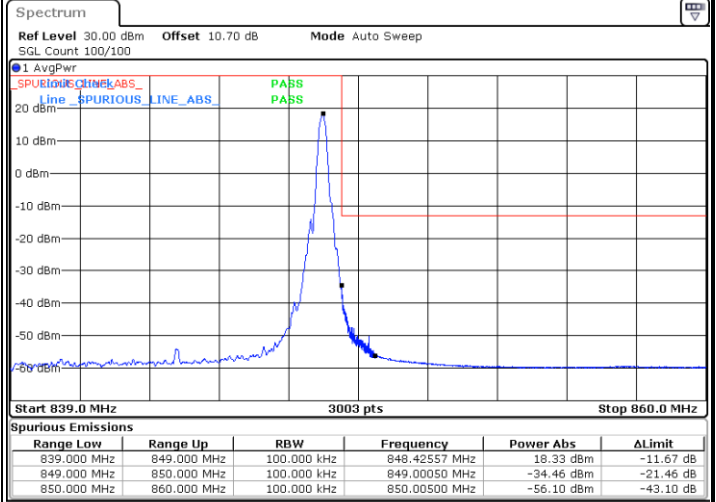
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



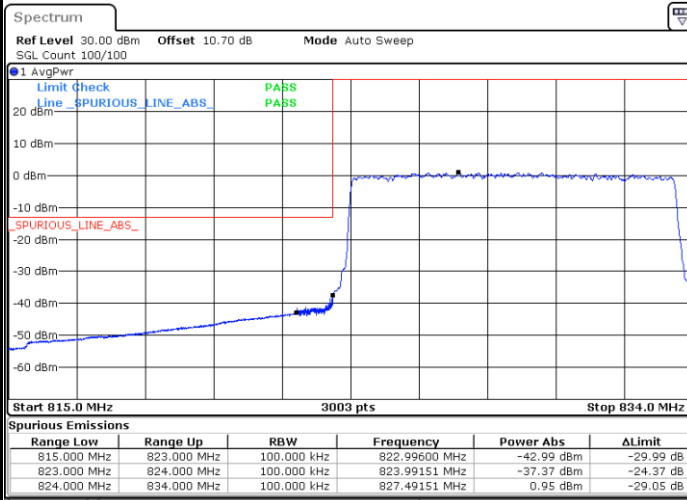
Date: 16.JAN.2022 04:58:34

Highest Band Edge / 1 RB



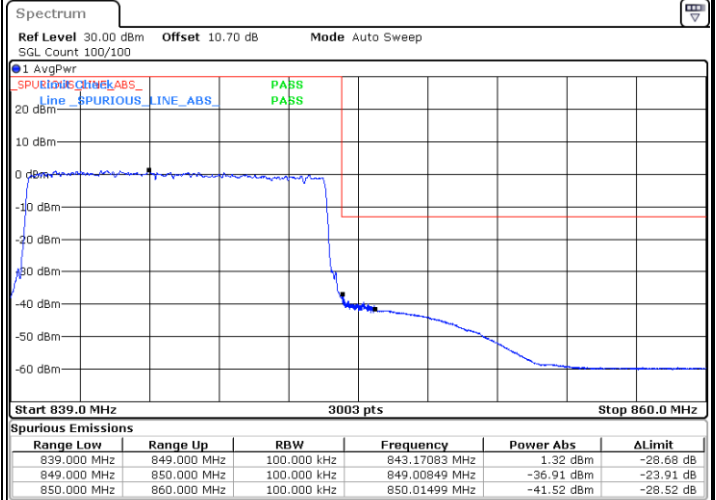
Date: 16.JAN.2022 05:00:37

Lowest Band Edge / Full RB



Date: 16.JAN.2022 04:57:54

Highest Band Edge / Full RB

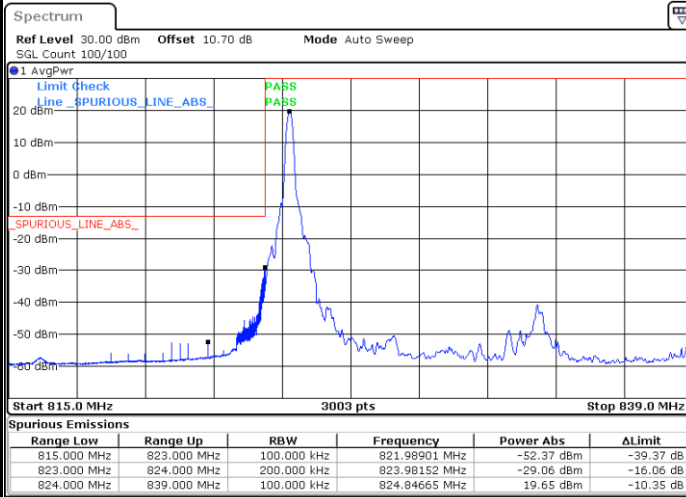


Date: 16.JAN.2022 05:01:21



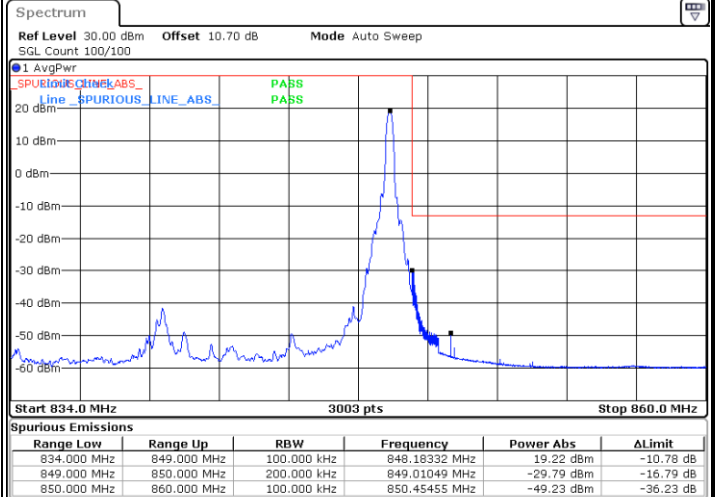
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



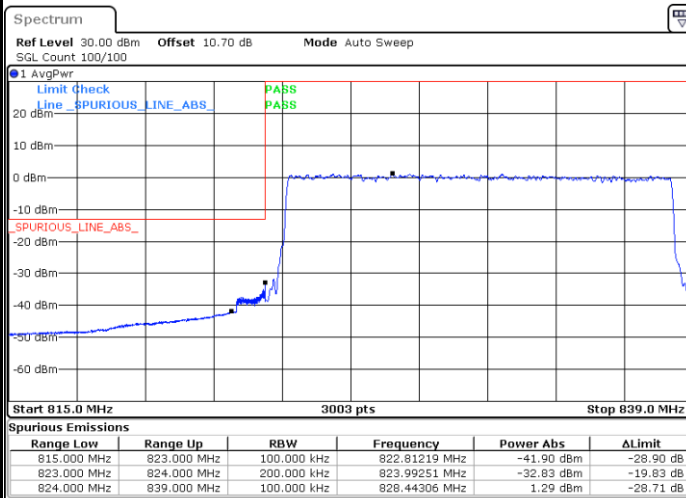
Date: 16.JAN.2022 05:07:29

Highest Band Edge / 1 RB



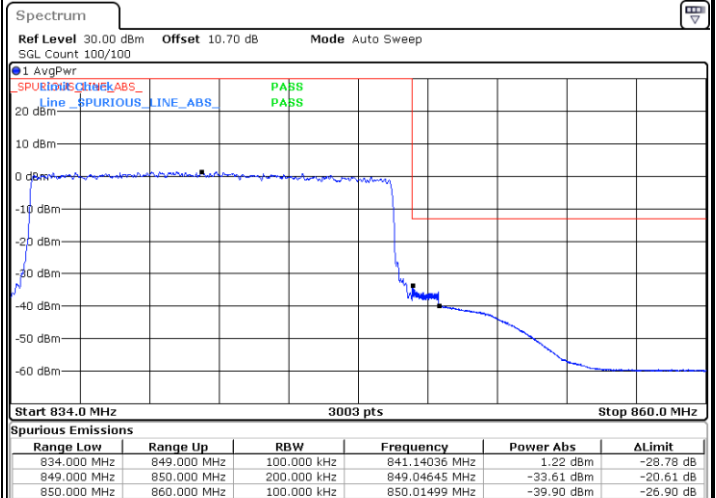
Date: 16.JAN.2022 05:11:16

Lowest Band Edge / Full RB



Date: 16.JAN.2022 05:05:30

Highest Band Edge / Full RB

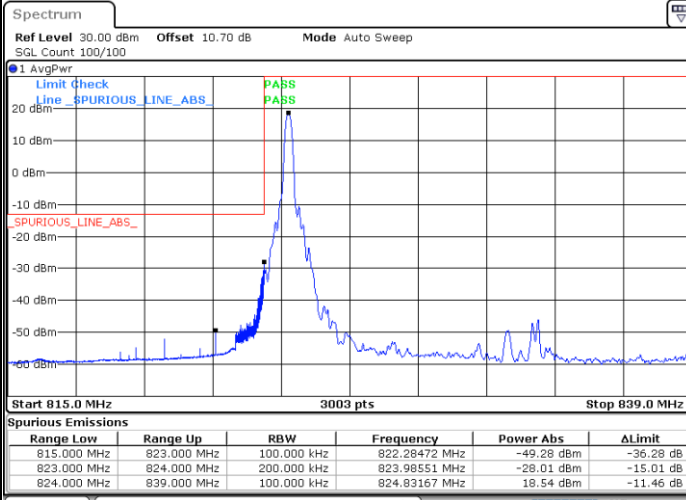


Date: 16.JAN.2022 05:13:26



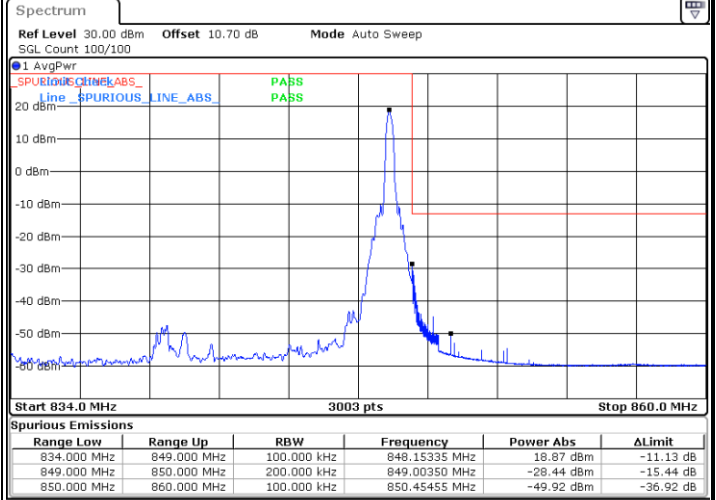
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



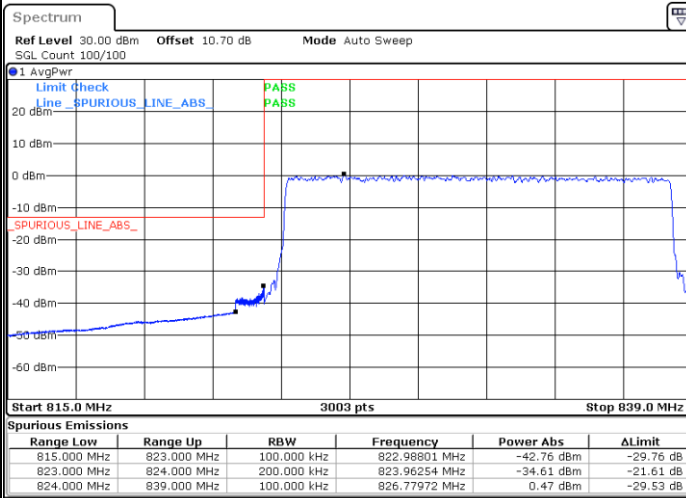
Date: 16.JAN.2022 05:06:49

Highest Band Edge / 1 RB



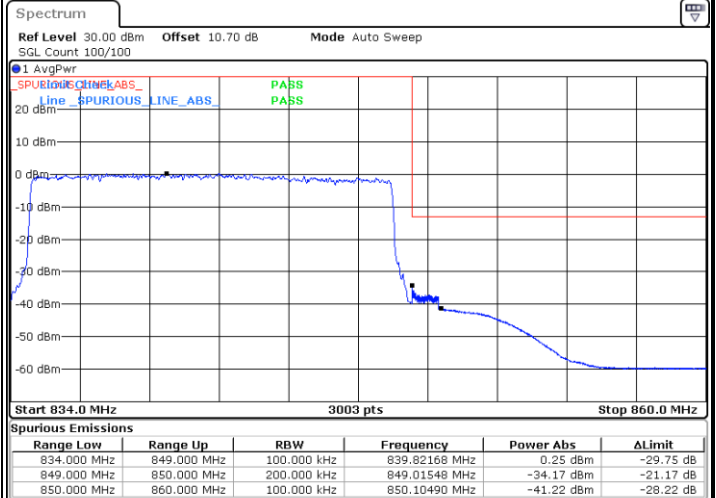
Date: 16.JAN.2022 05:11:59

Lowest Band Edge / Full RB



Date: 16.JAN.2022 05:06:09

Highest Band Edge / Full RB

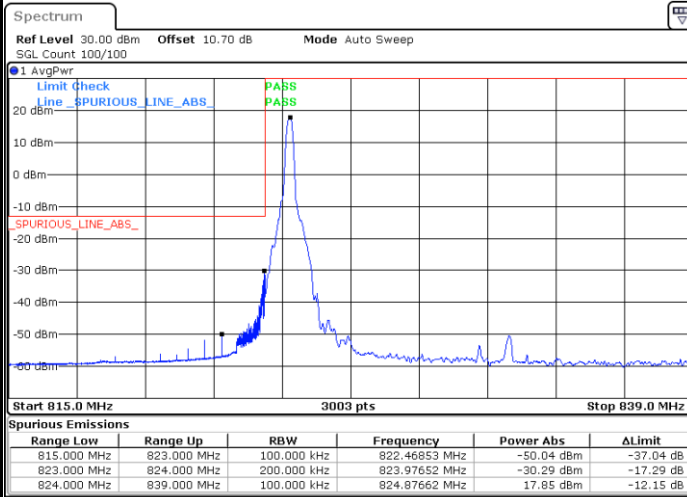


Date: 16.JAN.2022 05:12:43



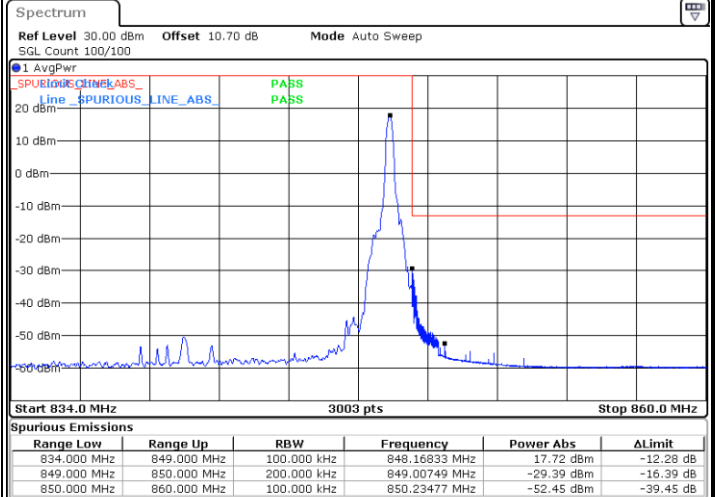
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



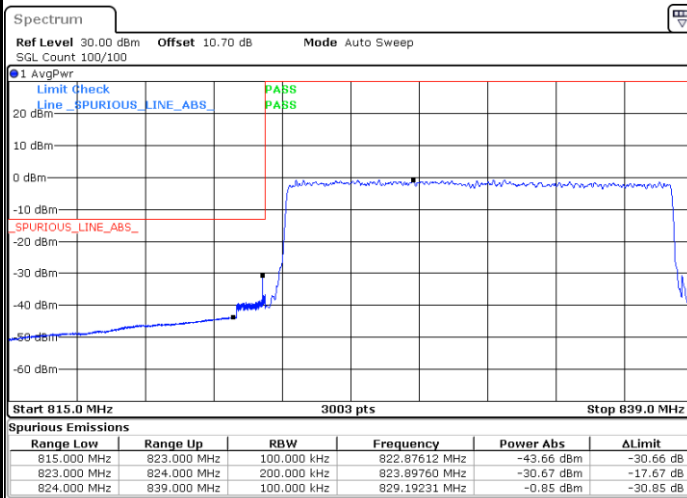
Date: 16.JAN.2022 05:02:41

Highest Band Edge / 1 RB



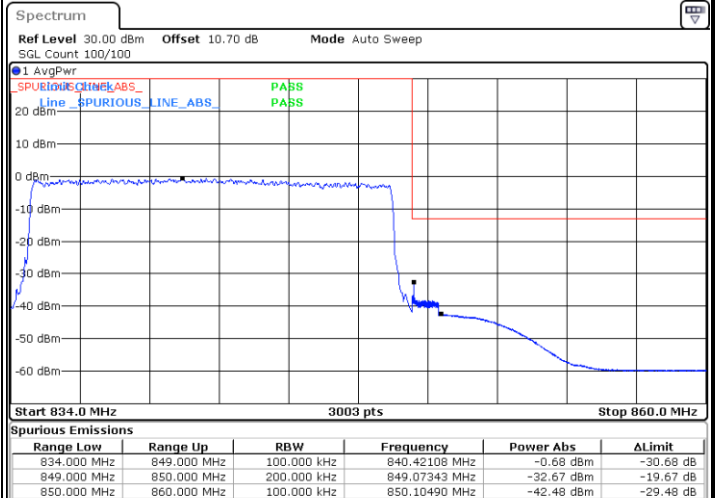
Date: 16.JAN.2022 05:04:06

Lowest Band Edge / Full RB



Date: 16.JAN.2022 05:02:01

Highest Band Edge / Full RB



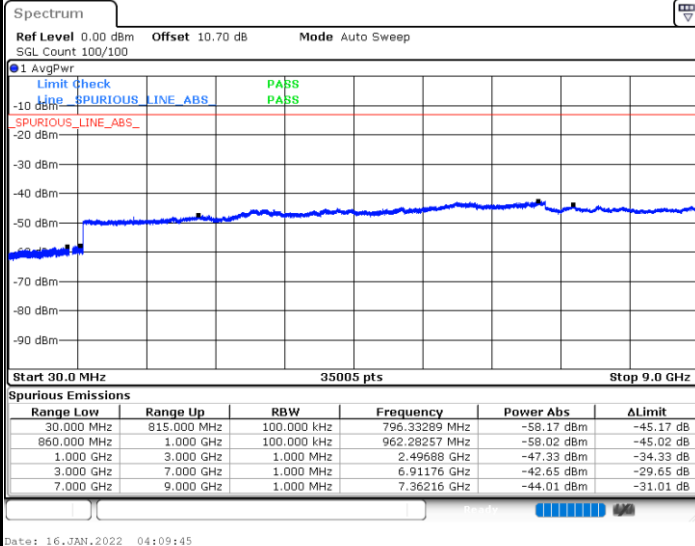
Date: 16.JAN.2022 05:04:49



Conducted Spurious Emission

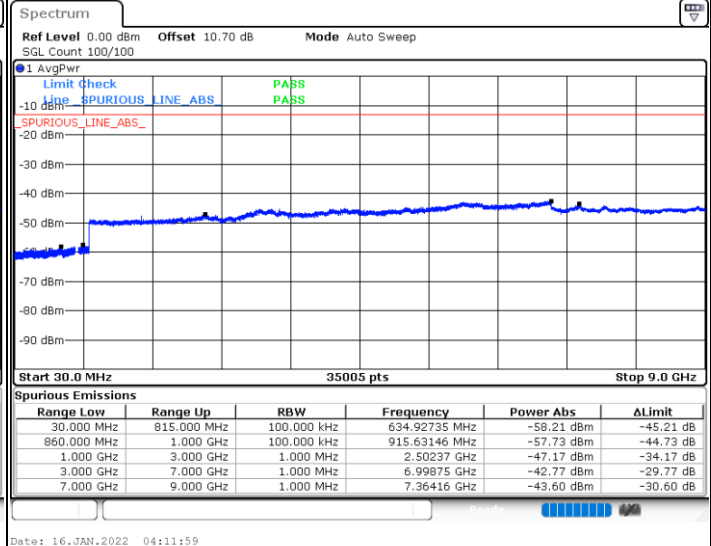
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



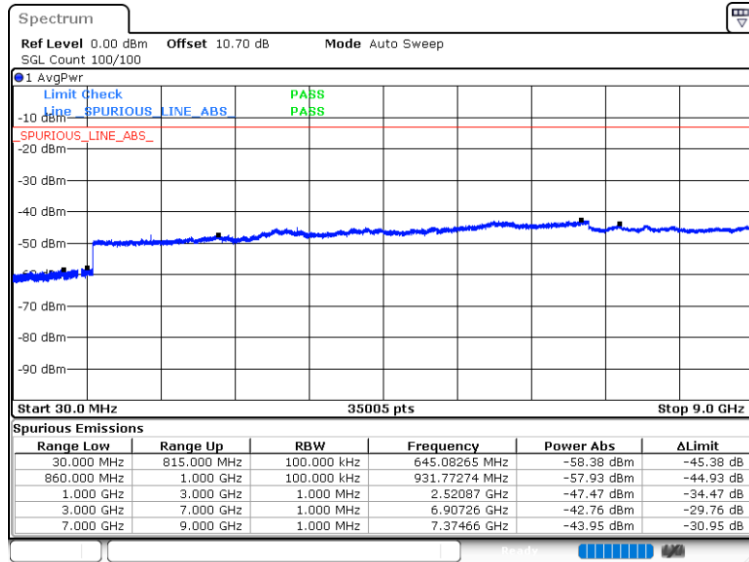
Date: 16.JAN.2022 04:09:45

Middle Channel / QPSK



Date: 16.JAN.2022 04:11:59

Highest Channel / QPSK



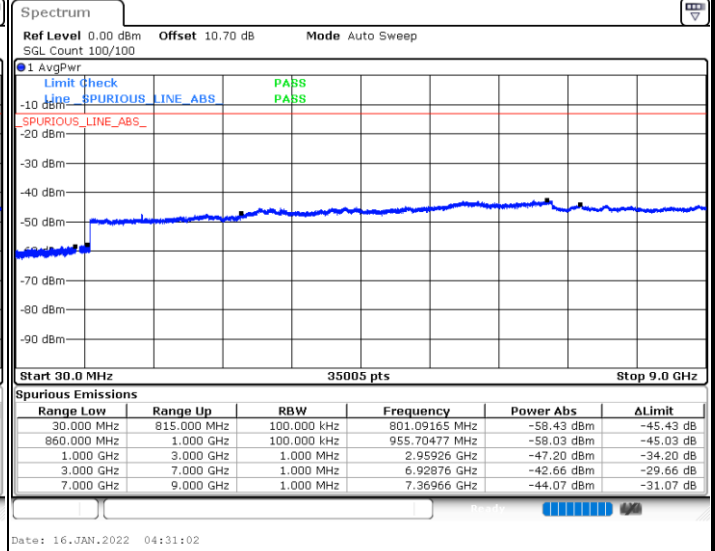
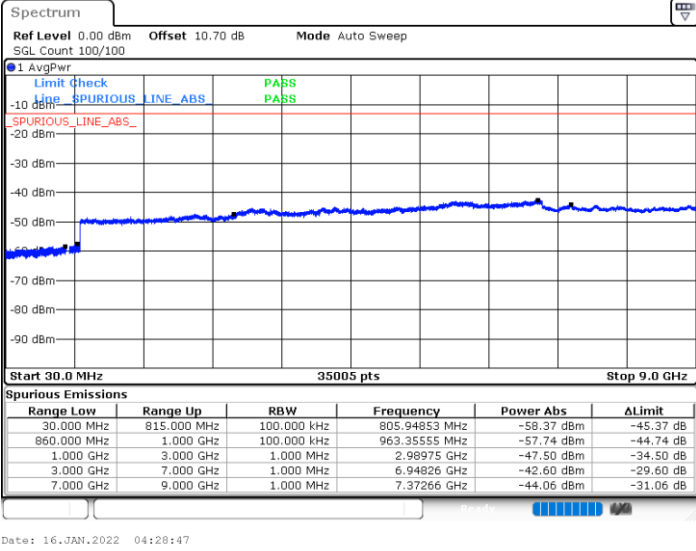
Date: 16.JAN.2022 04:18:15



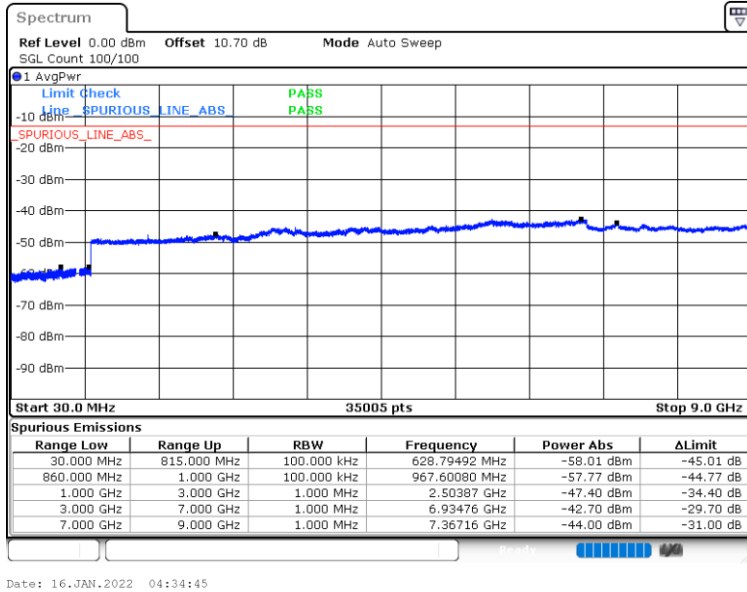
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

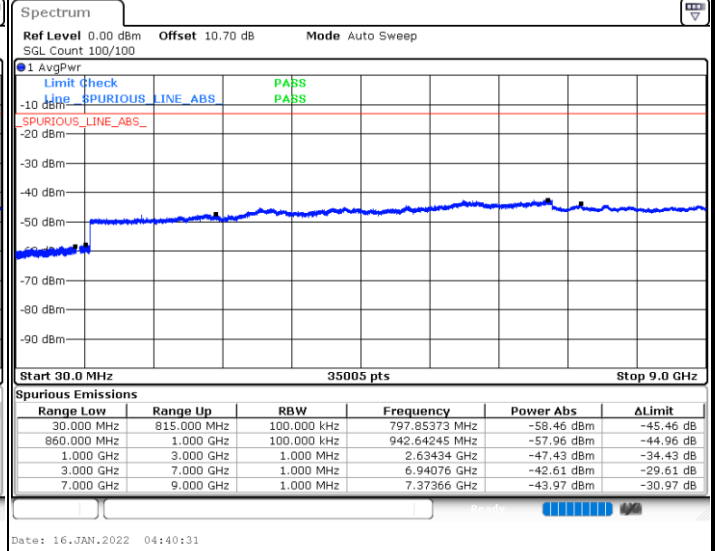
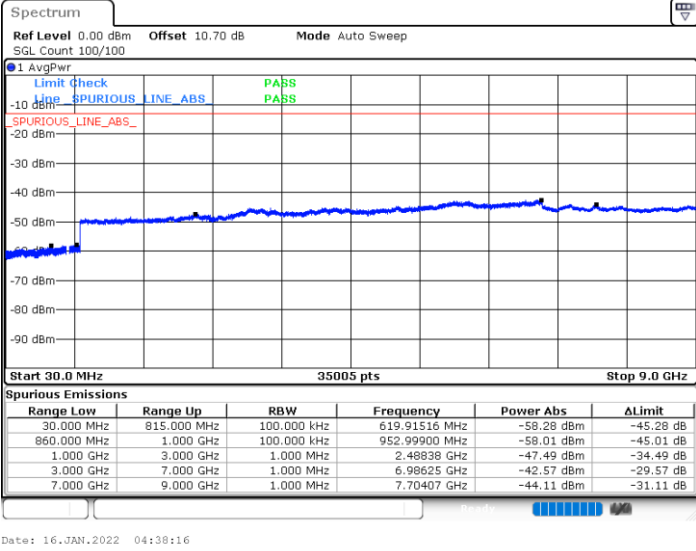




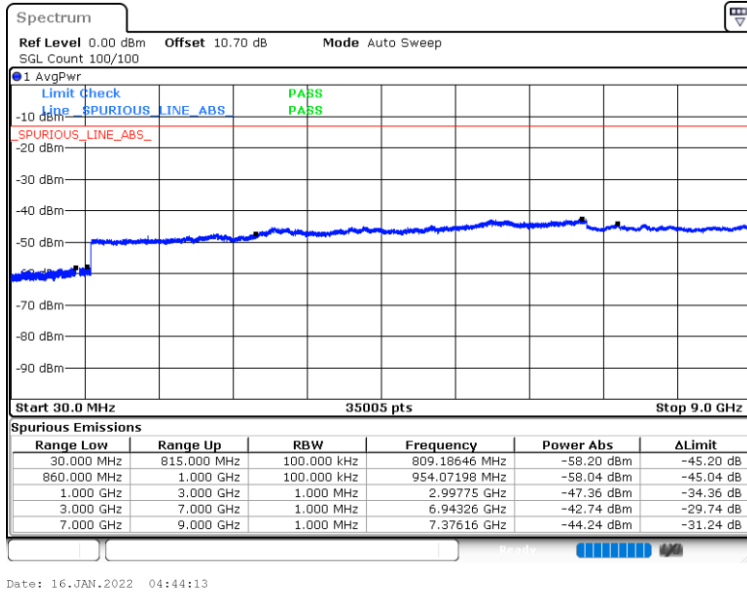
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

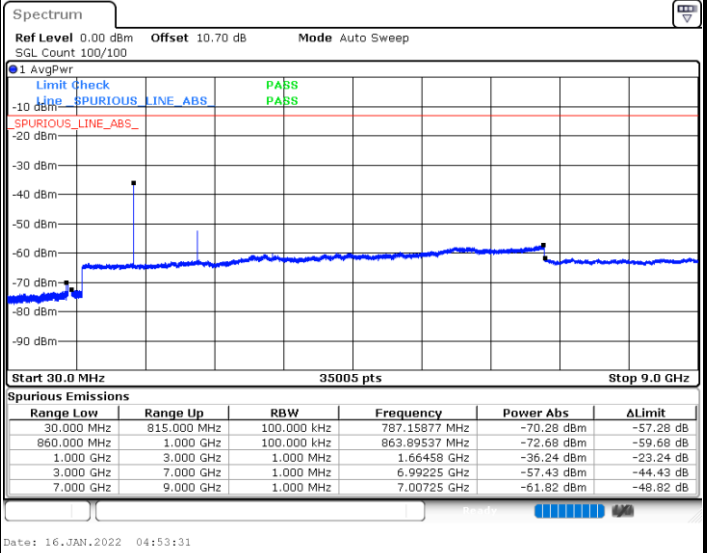
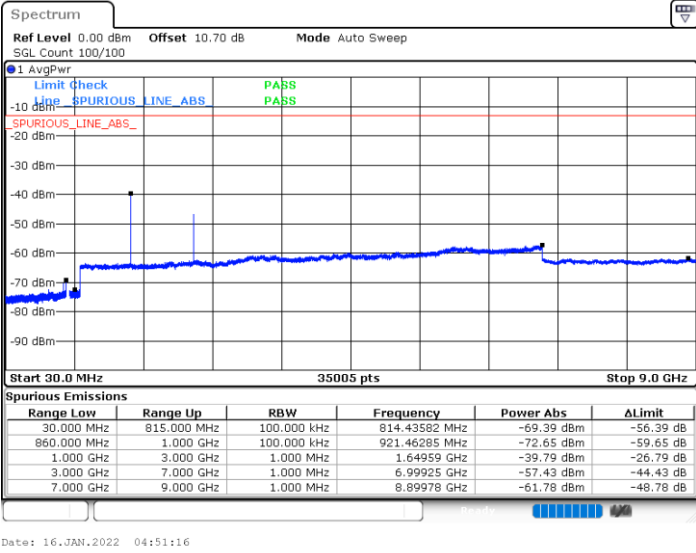




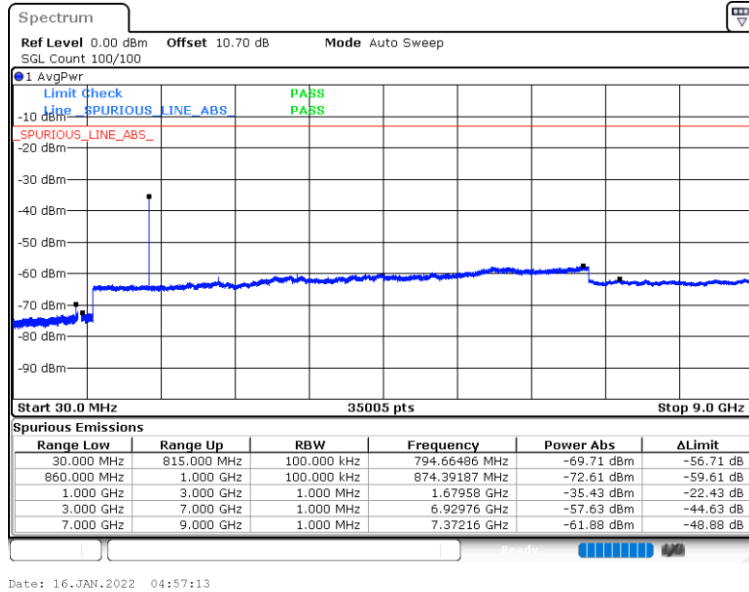
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

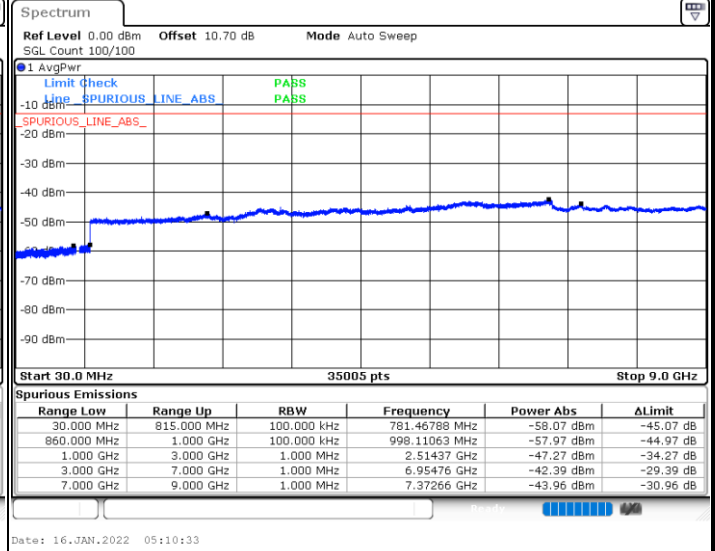
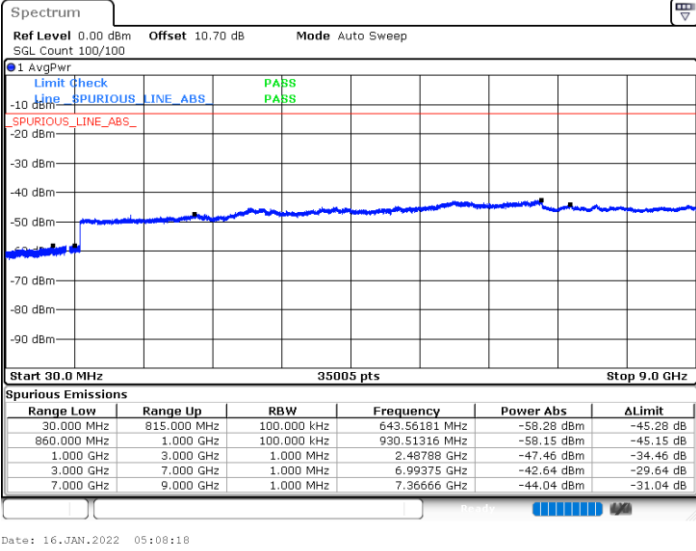




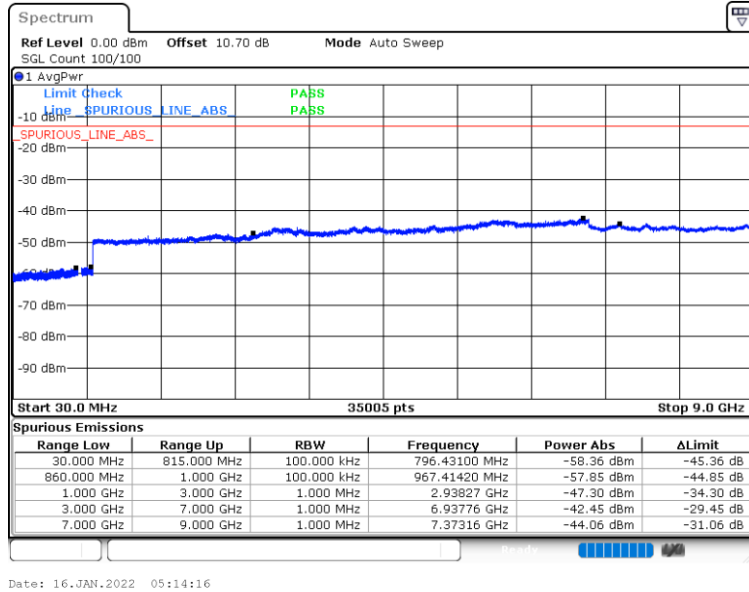
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





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	0.0104	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0115	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0115	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0121	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0075	

Note:

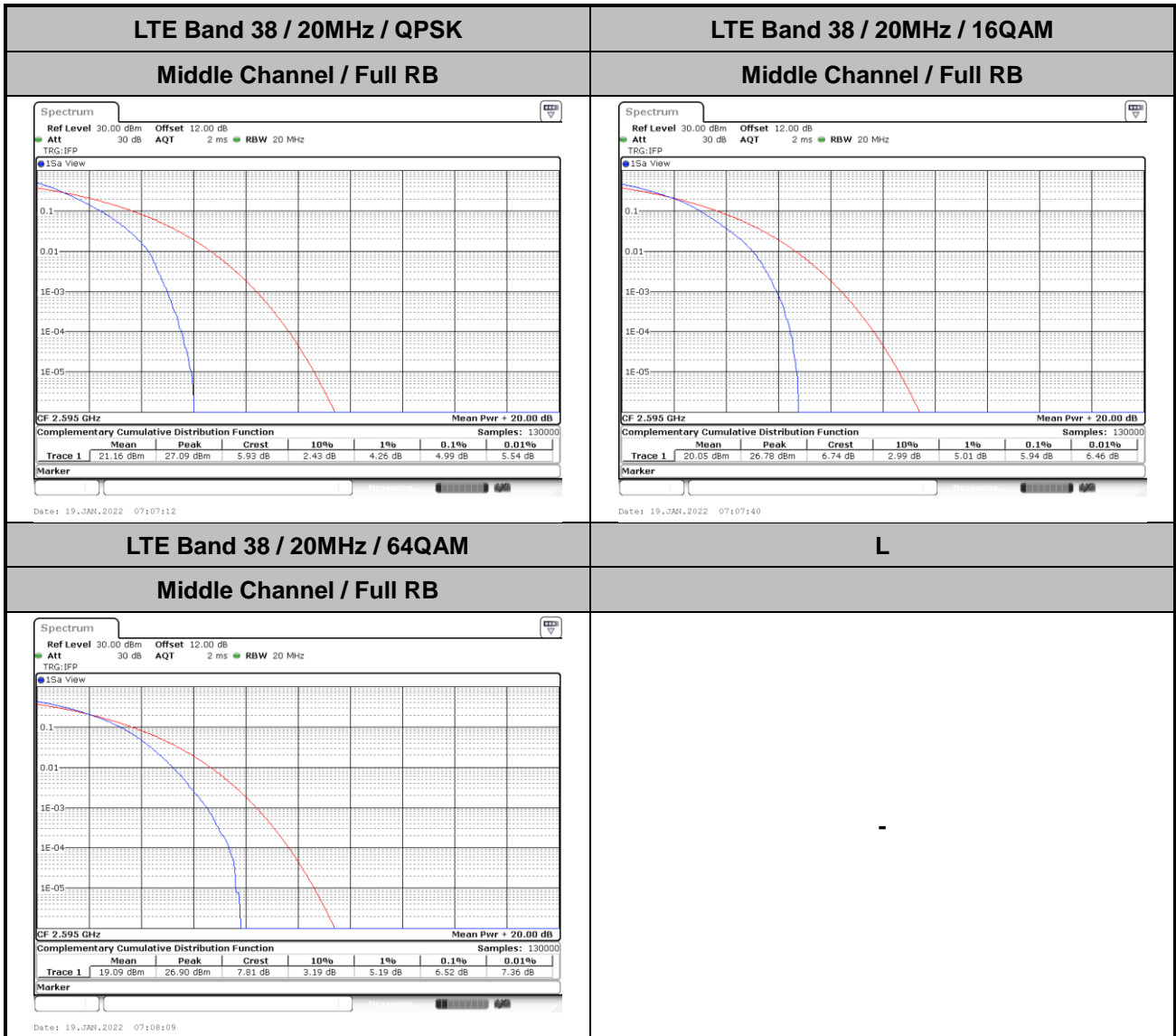
- 1. Normal Voltage =14 V. ; Battery End Point (BEP) =12 V. ; Maximum Voltage =16 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.94	6.52	PASS





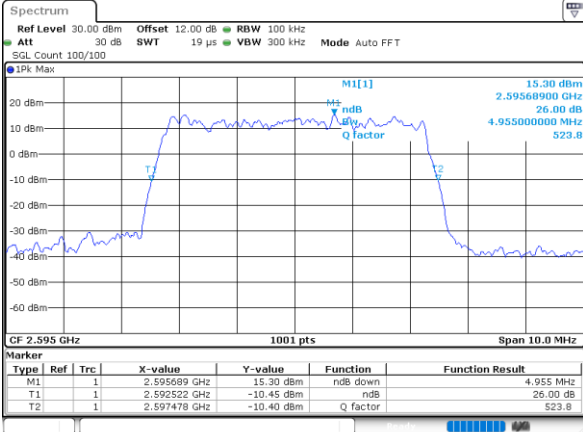
26dB Bandwidth

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	-	-	-	-	4.96	4.86	9.77	9.63	14.21	14.33	18.82	19.14
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	-	-	-	-	4.92	-	9.63	-	14.33	-	18.82	-



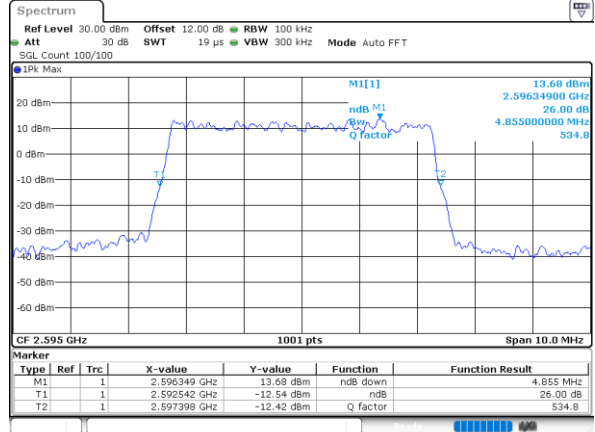
LTE Band 38

Middle Channel / 5MHz / QPSK



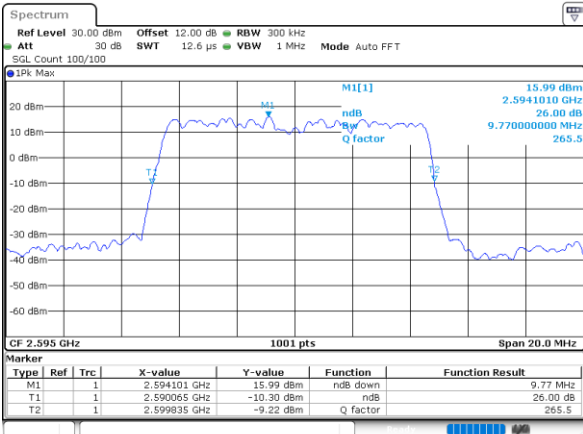
Date: 19_JAN_2022 06:52:46

Middle Channel / 5MHz / 16QAM



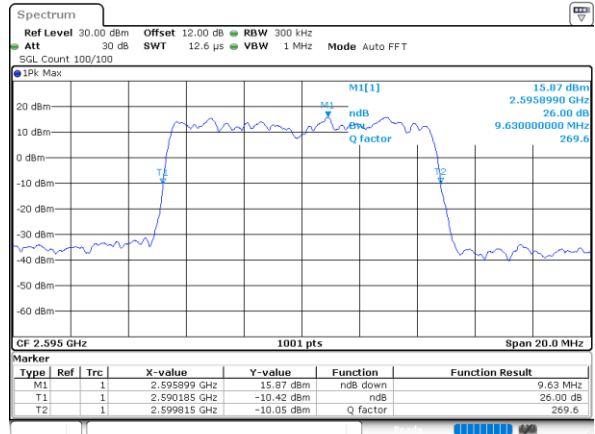
Date: 19_JAN_2022 06:53:07

Middle Channel / 10MHz / QPSK



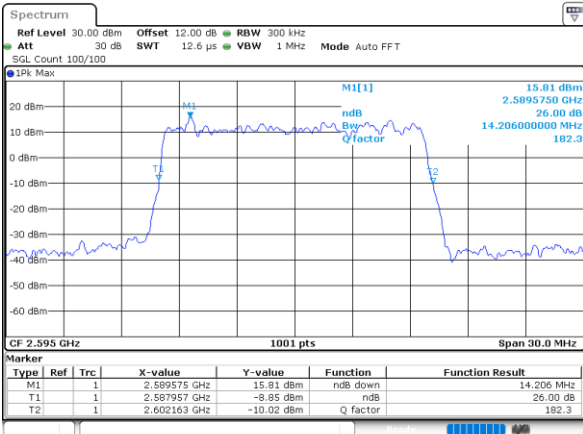
Date: 19_JAN_2022 06:54:09

Middle Channel / 10MHz / 16QAM



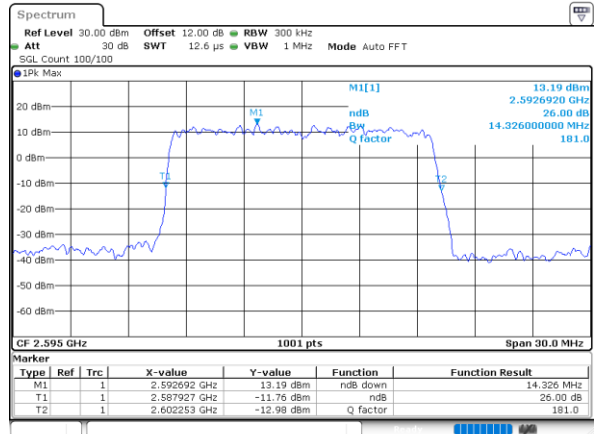
Date: 19_JAN_2022 06:54:30

Middle Channel / 15MHz / QPSK



Date: 19_JAN_2022 06:55:32

Middle Channel / 15MHz / 16QAM

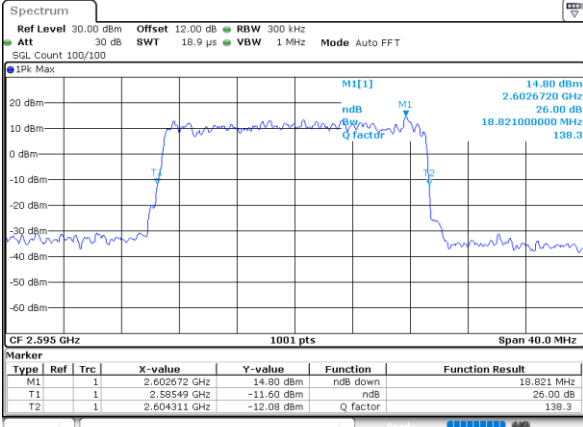


Date: 19_JAN_2022 06:55:52



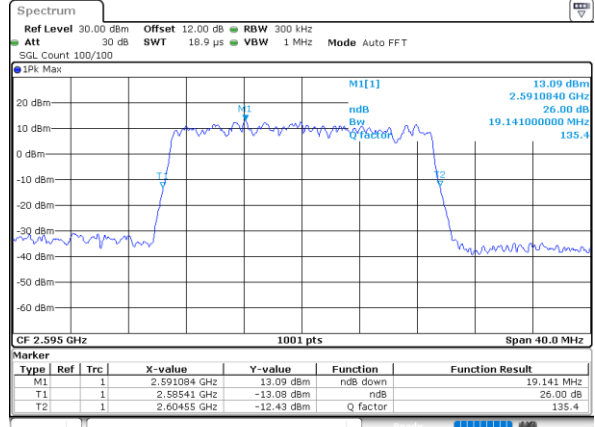
LTE Band 38

Middle Channel / 20MHz / QPSK



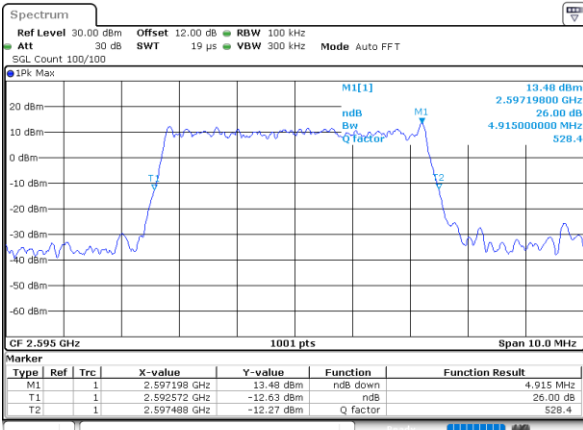
Date: 19_JAN_2022 06:56:55

Middle Channel / 20MHz / 16QAM



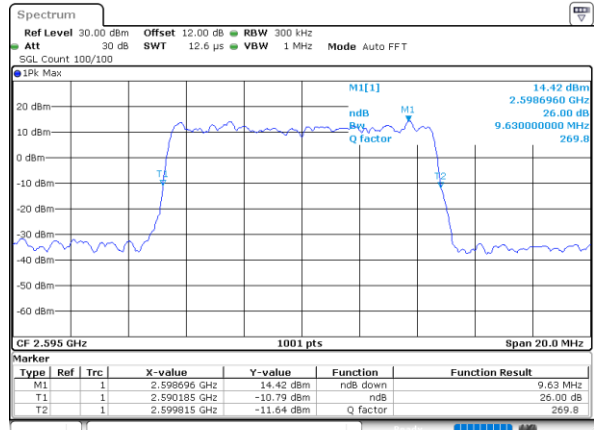
Date: 19_JAN_2022 06:57:15

Middle Channel / 5MHz / 64QAM



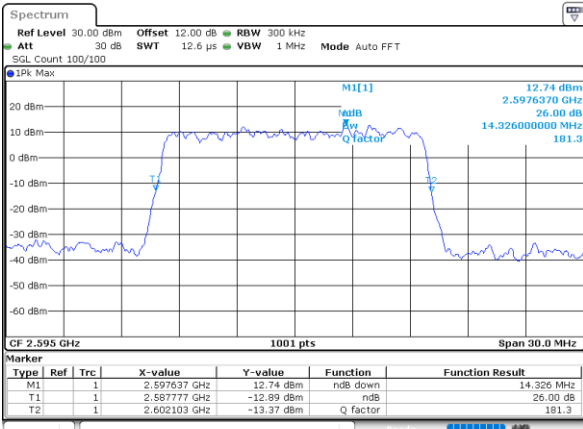
Date: 19_JAN_2022 06:57:57

Middle Channel / 10MHz / 64QAM



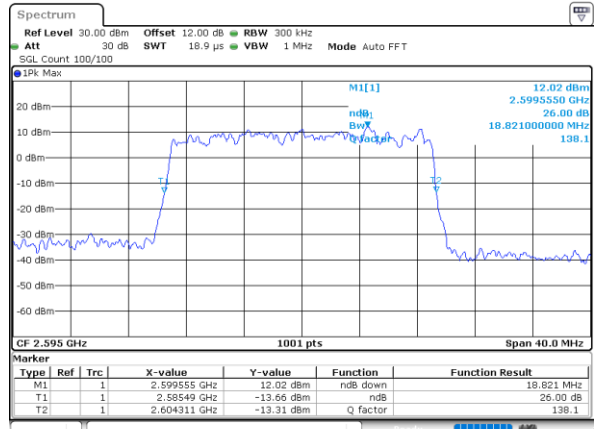
Date: 19_JAN_2022 06:58:38

Middle Channel / 15MHz / 64QAM



Date: 19_JAN_2022 06:59:20

Middle Channel / 20MHz / 64QAM



Date: 19_JAN_2022 07:00:02



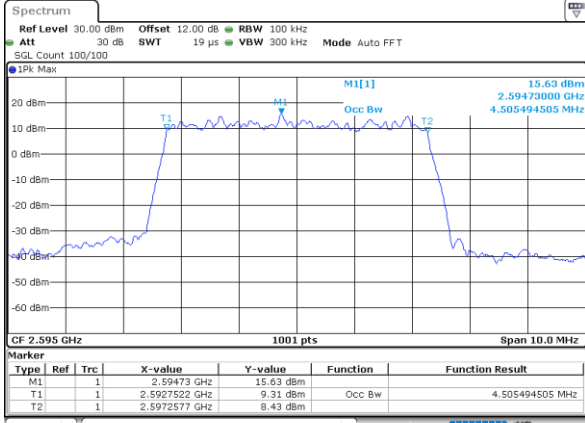
Occupied Bandwidth

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	-	-	-	-	4.51	4.46	8.97	9.03	13.40	13.40	17.86	17.90
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	-	-	-	-	4.49	-	9.01	-	13.43	-	17.82	-



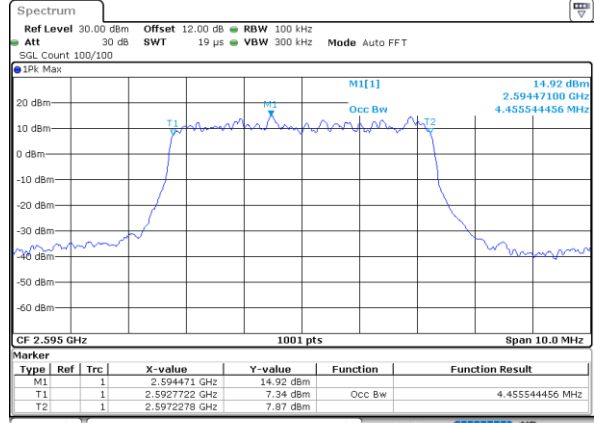
LTE Band 38

Middle Channel / 5MHz / QPSK



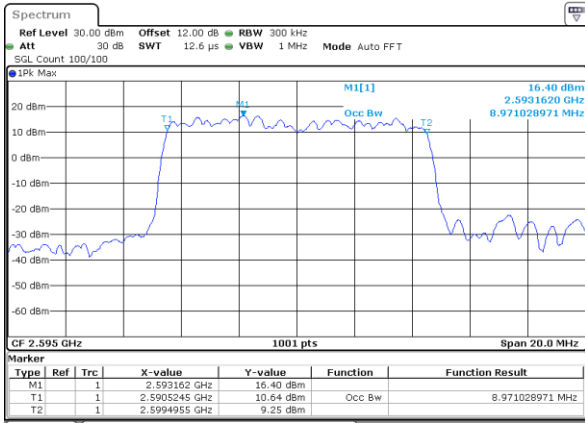
Date: 19_JAN,2022 06:52:04

Middle Channel / 5MHz / 16QAM



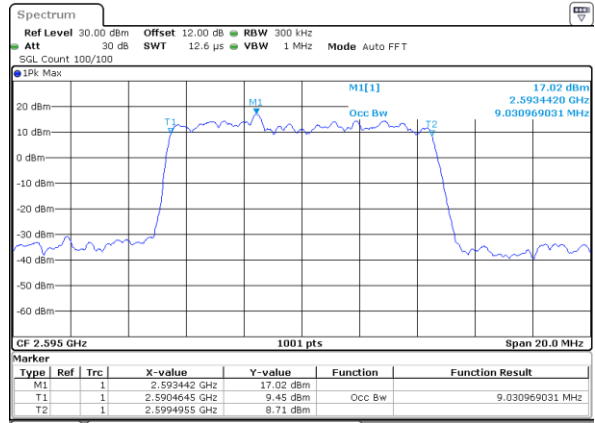
Date: 19_JAN,2022 06:52:25

Middle Channel / 10MHz / QPSK



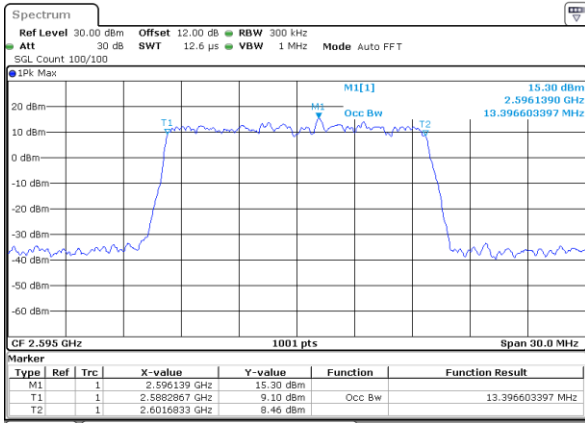
Date: 19_JAN,2022 06:53:28

Middle Channel / 10MHz / 16QAM



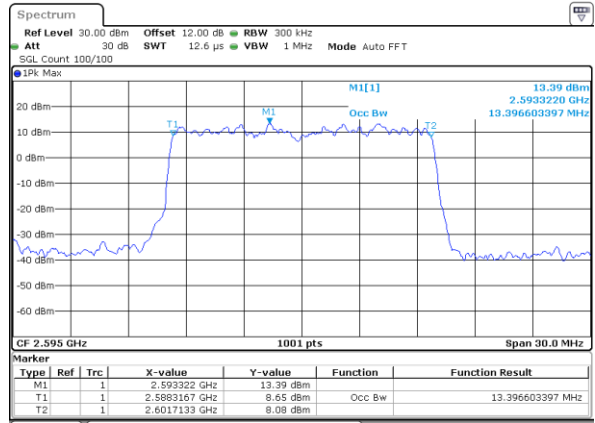
Date: 19_JAN,2022 06:53:49

Middle Channel / 15MHz / QPSK



Date: 19_JAN,2022 06:54:51

Middle Channel / 15MHz / 16QAM

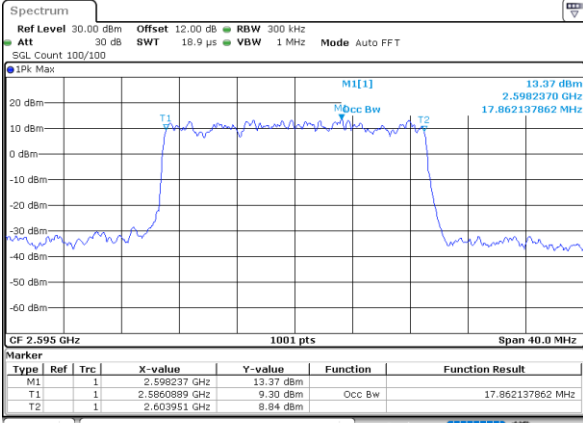


Date: 19_JAN,2022 06:55:11



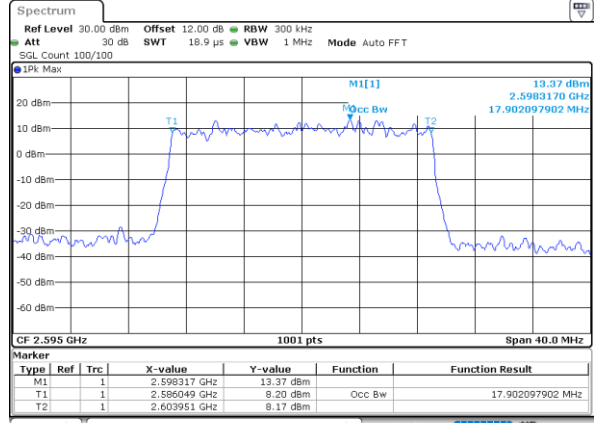
LTE Band 38

Middle Channel / 20MHz / QPSK



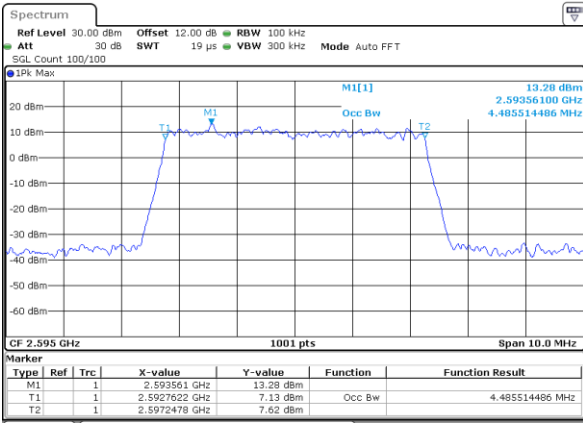
Date: 19_JAN.2022 06:56:14

Middle Channel / 20MHz / 16QAM



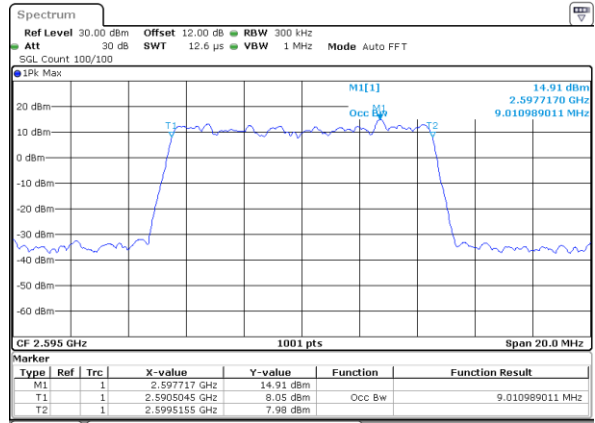
Date: 19_JAN.2022 06:56:134

Middle Channel / 5MHz / 64QAM



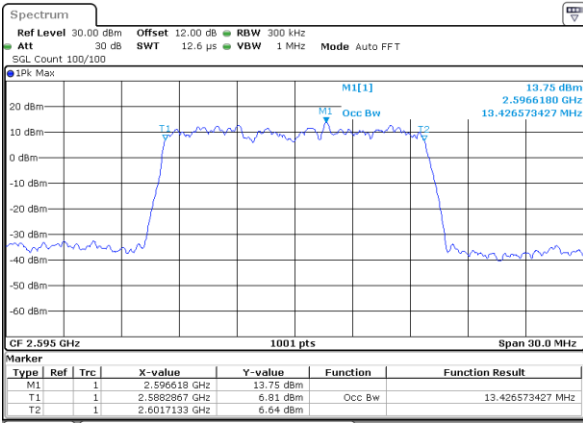
Date: 19_JAN.2022 06:57:06

Middle Channel / 10MHz / 64QAM



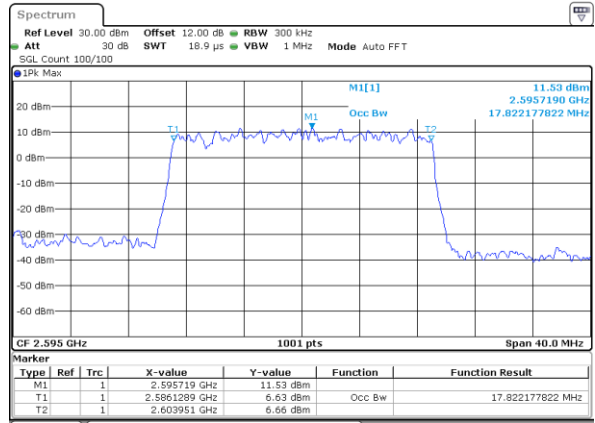
Date: 19_JAN.2022 06:58:118

Middle Channel / 15MHz / 64QAM



Date: 19_JAN.2022 06:59:00

Middle Channel / 20MHz / 64QAM



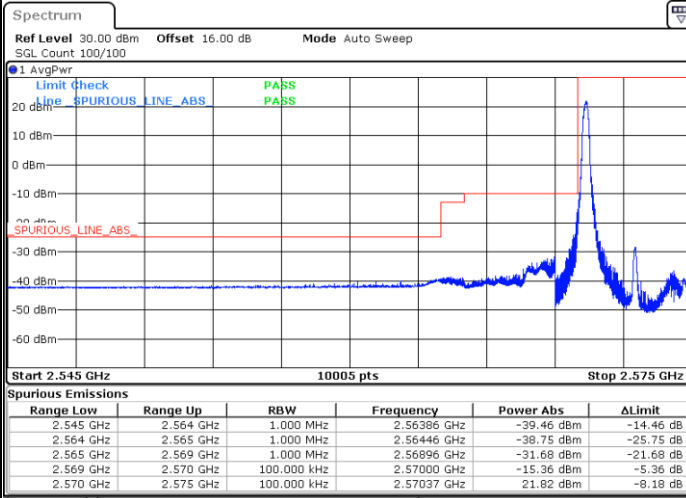
Date: 19_JAN.2022 06:59:41



Conducted Band Edge

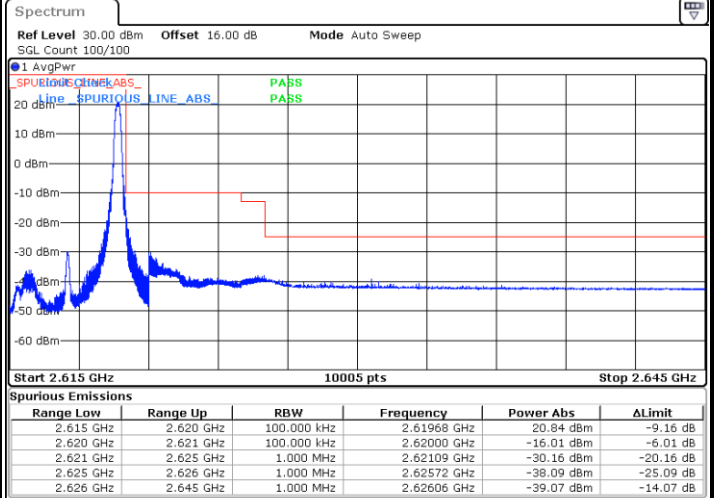
LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB



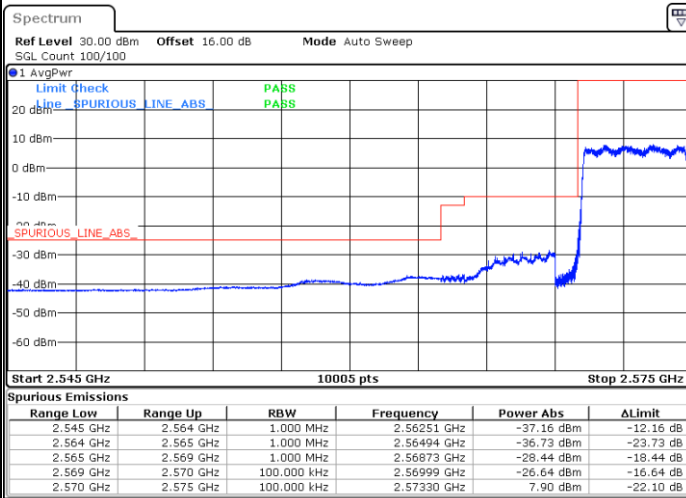
Date: 19.JAN.2022 05:40:07

Highest Band Edge / 1 RB



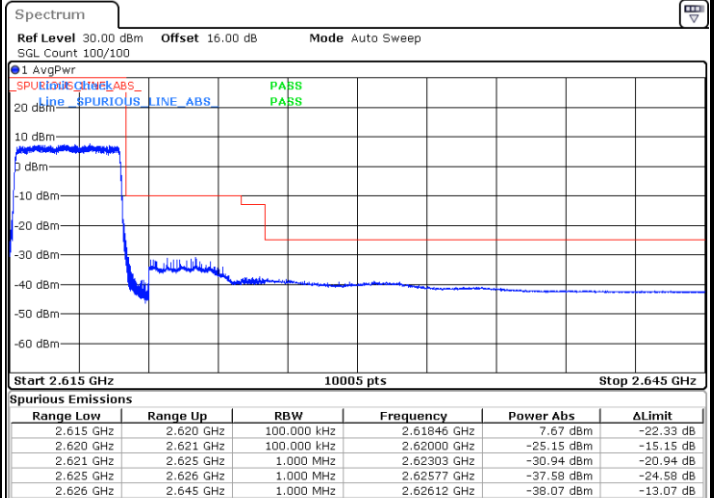
Date: 19.JAN.2022 05:44:09

Lowest Band Edge / Full RB



Date: 19.JAN.2022 06:42:20

Highest Band Edge / Full RB

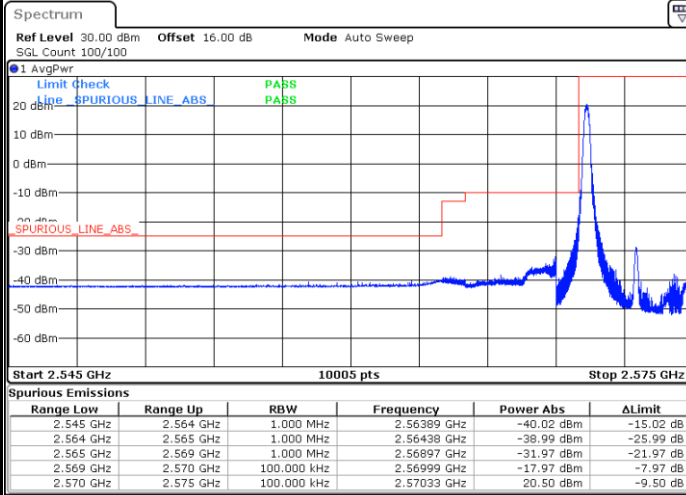


Date: 19.JAN.2022 05:42:49



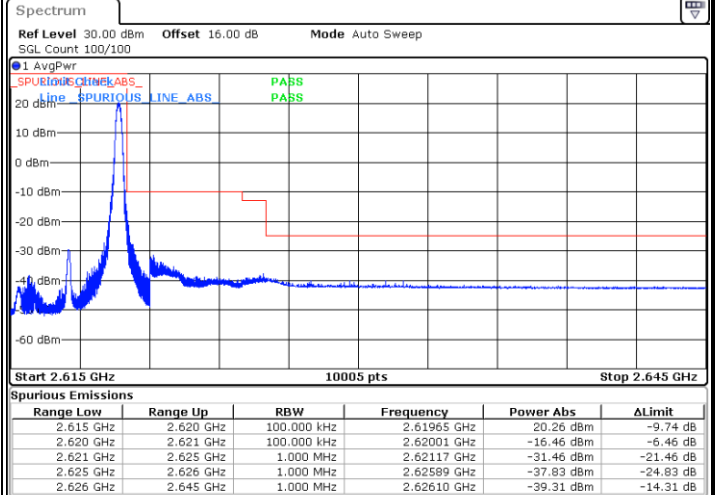
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



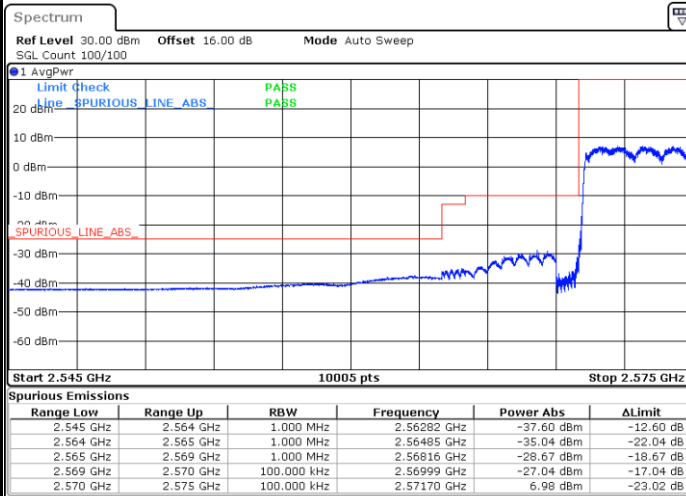
Date: 19.JAN.2022 05:40:48

Highest Band Edge / 1 RB



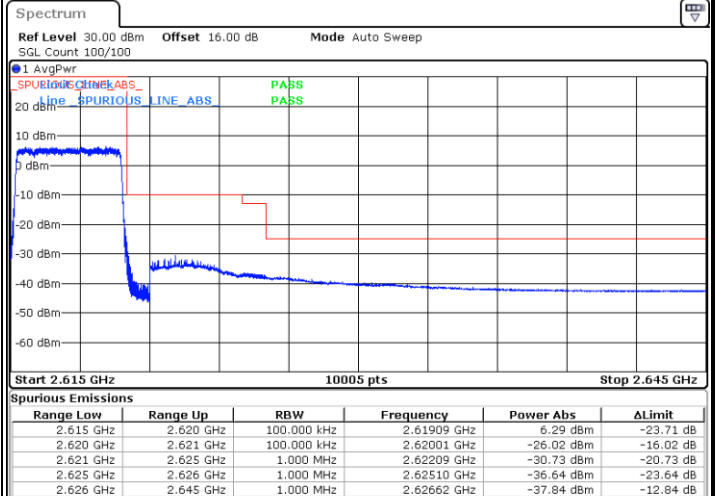
Date: 19.JAN.2022 05:44:50

Lowest Band Edge / Full RB



Date: 19.JAN.2022 05:42:09

Highest Band Edge / Full RB

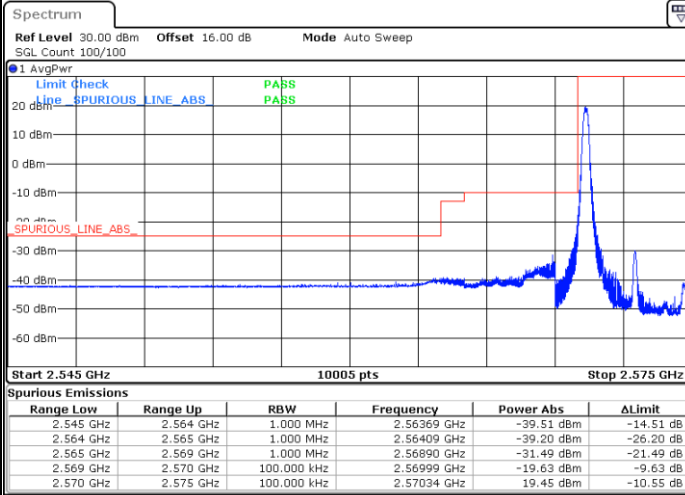


Date: 19.JAN.2022 05:43:29



LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



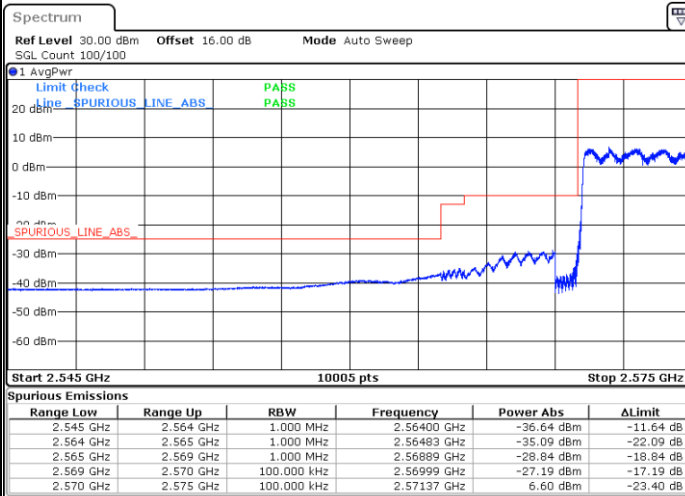
Date: 19.JAN.2022 05:45:30

Highest Band Edge / 1 RB



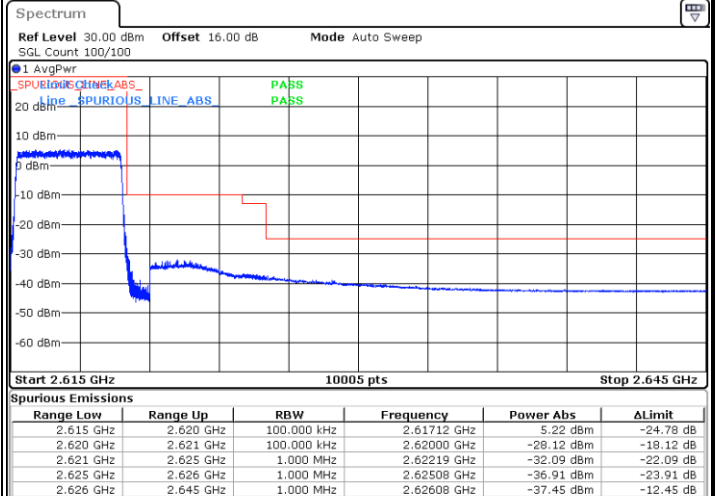
Date: 19.JAN.2022 05:47:31

Lowest Band Edge / Full RB



Date: 19.JAN.2022 05:46:11

Highest Band Edge / Full RB

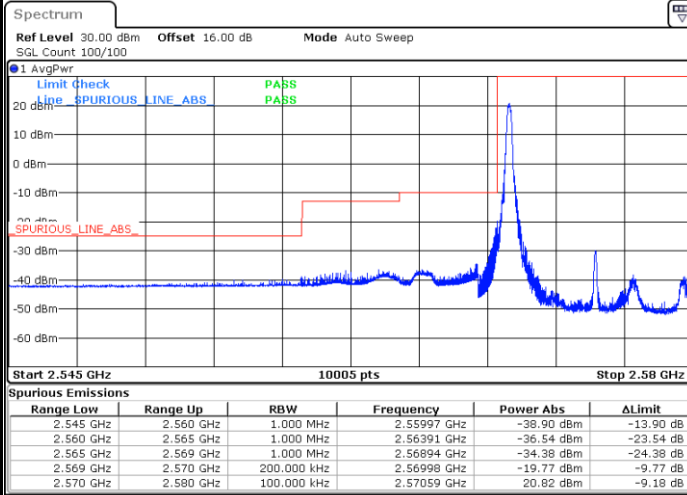


Date: 19.JAN.2022 05:46:51



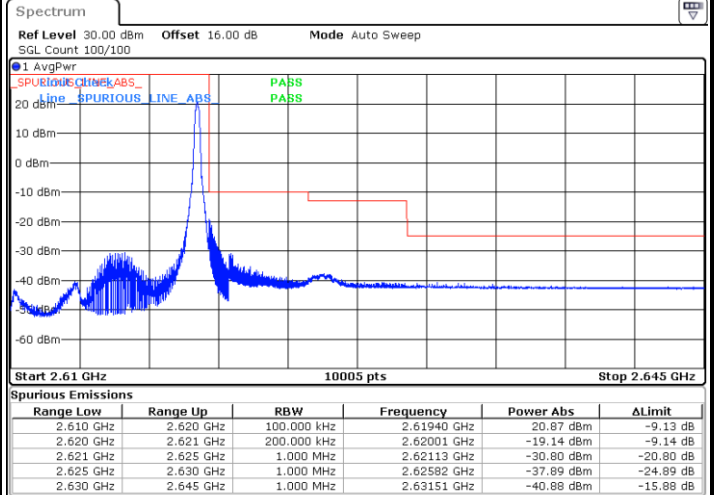
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



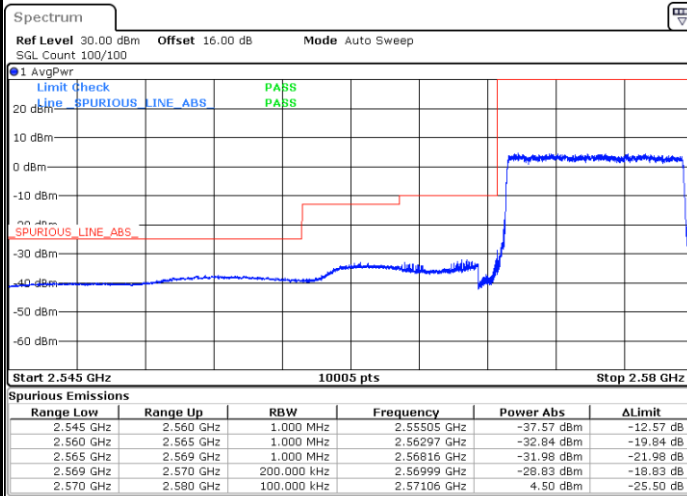
Date: 19.JAN.2022 05:50:53

Highest Band Edge / 1 RB



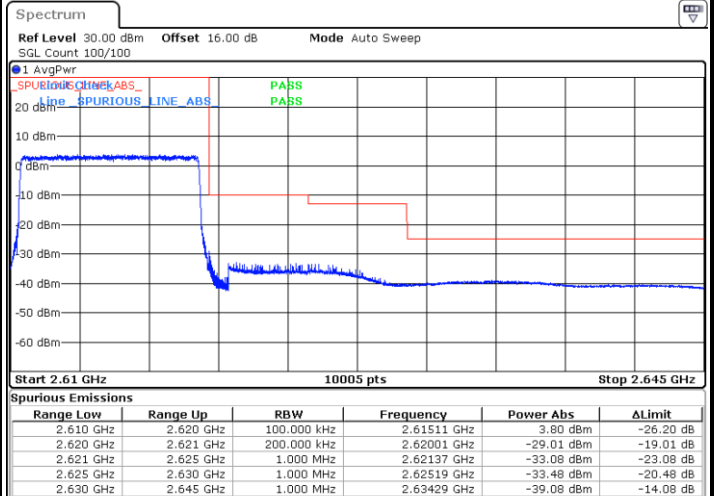
Date: 19.JAN.2022 06:44:32

Lowest Band Edge / Full RB



Date: 19.JAN.2022 05:52:14

Highest Band Edge / Full RB

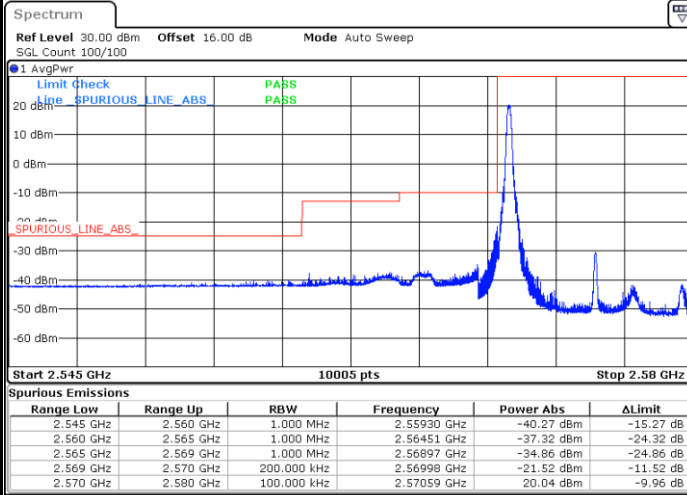


Date: 19.JAN.2022 06:49:25



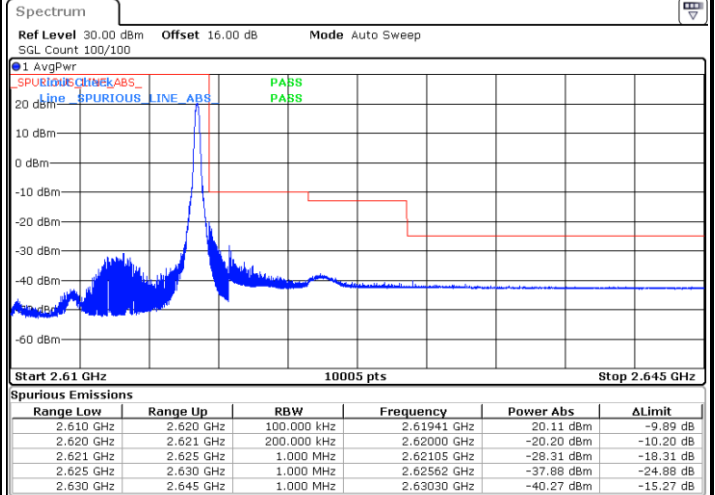
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



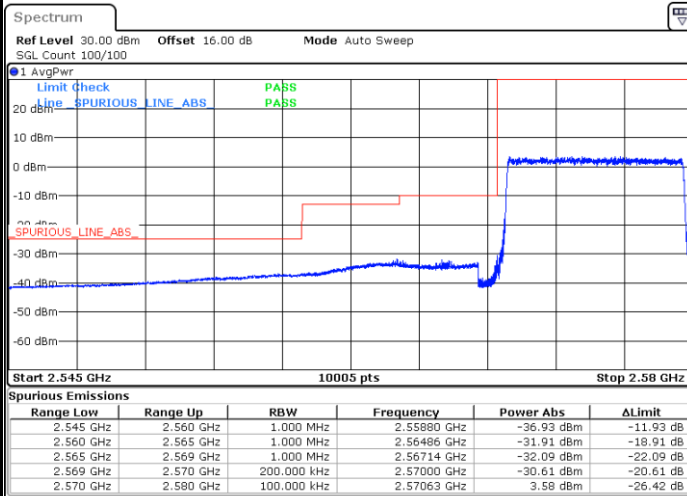
Date: 19.JAN.2022 05:51:33

Highest Band Edge / 1 RB



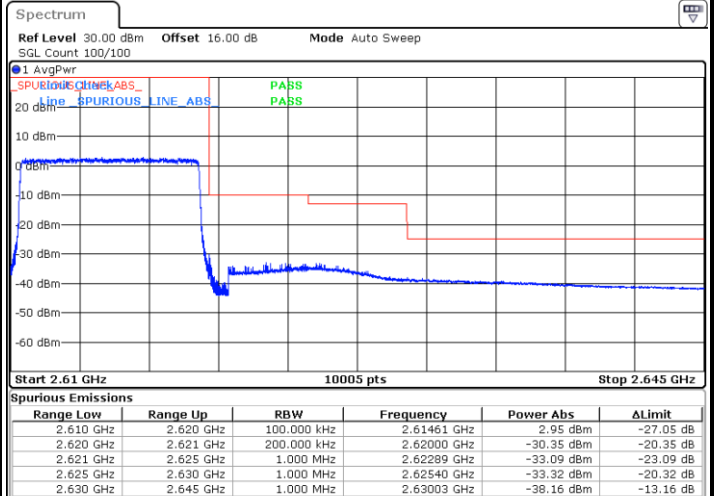
Date: 19.JAN.2022 06:45:44

Lowest Band Edge / Full RB



Date: 19.JAN.2022 05:52:54

Highest Band Edge / Full RB

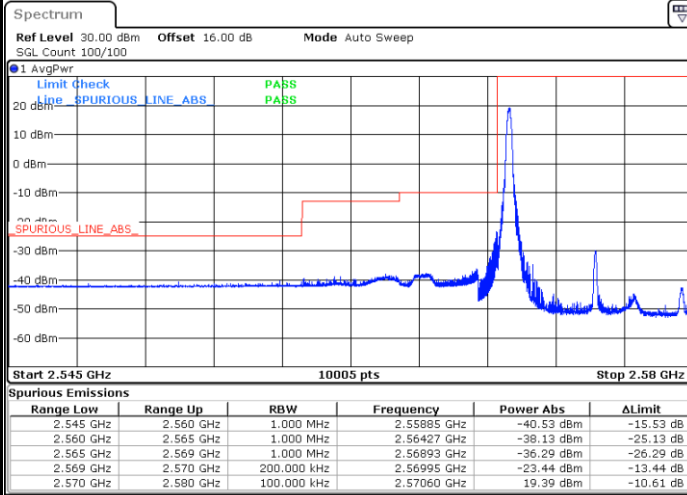


Date: 19.JAN.2022 06:48:31



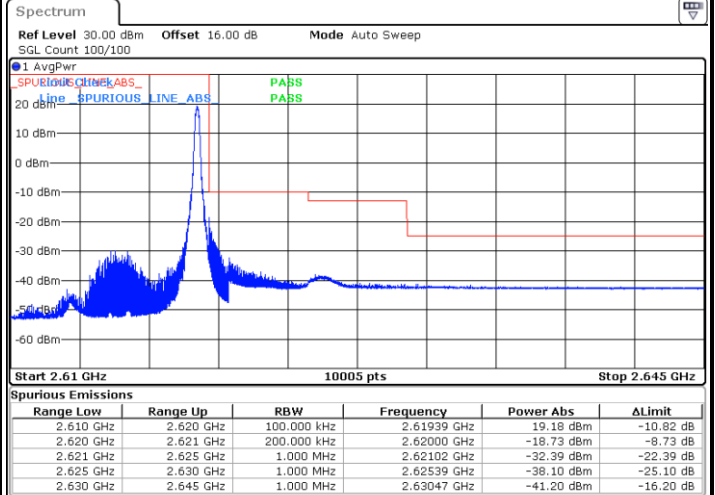
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



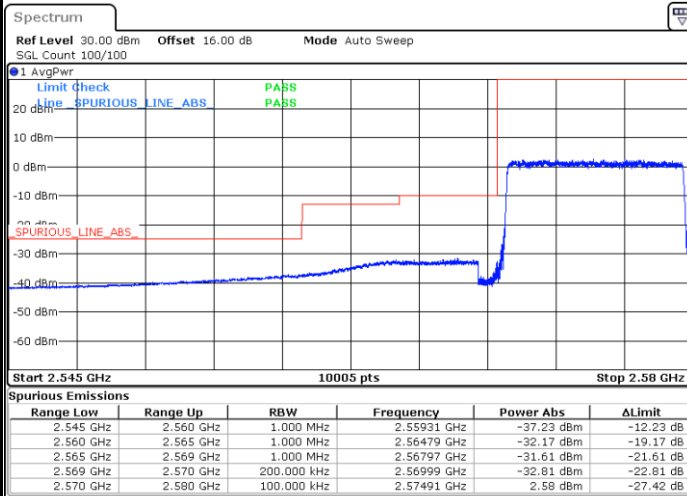
Date: 19.JAN.2022 05:48:12

Highest Band Edge / 1 RB



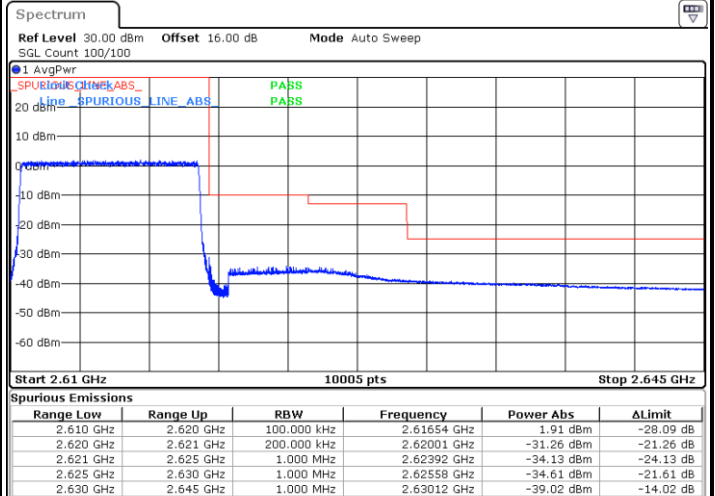
Date: 19.JAN.2022 06:46:44

Lowest Band Edge / Full RB



Date: 19.JAN.2022 05:48:52

Highest Band Edge / Full RB

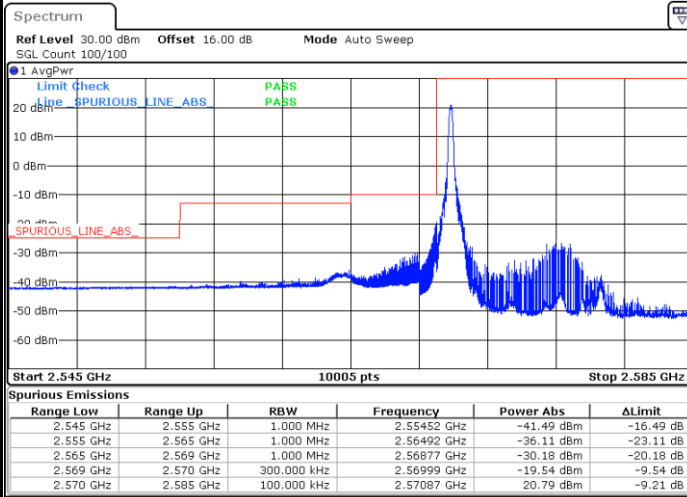


Date: 19.JAN.2022 06:47:38



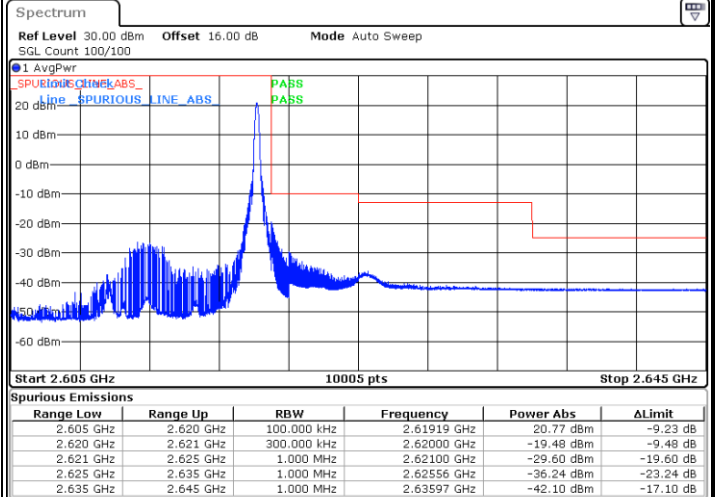
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



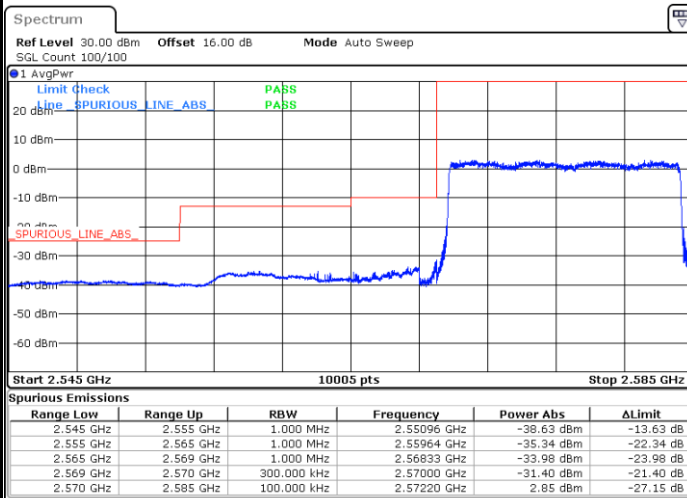
Date: 19.JAN.2022 06:00:05

Highest Band Edge / 1 RB



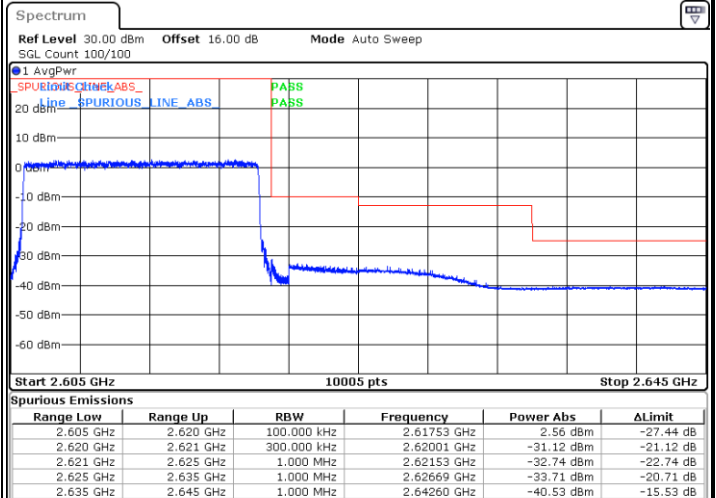
Date: 19.JAN.2022 06:04:07

Lowest Band Edge / Full RB



Date: 19.JAN.2022 06:01:26

Highest Band Edge / Full RB

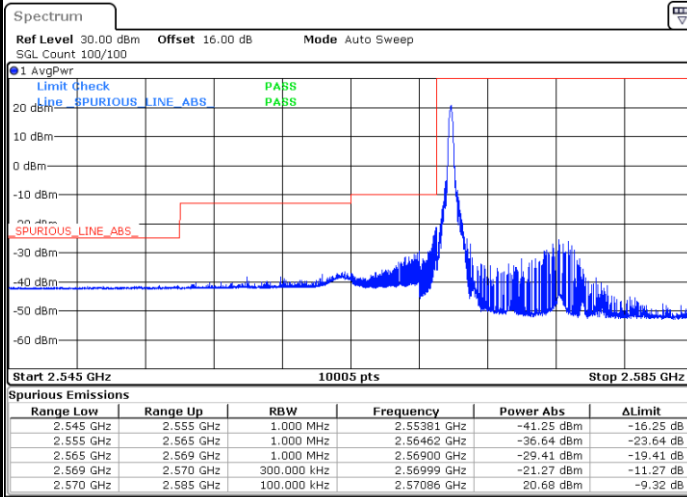


Date: 19.JAN.2022 06:02:46



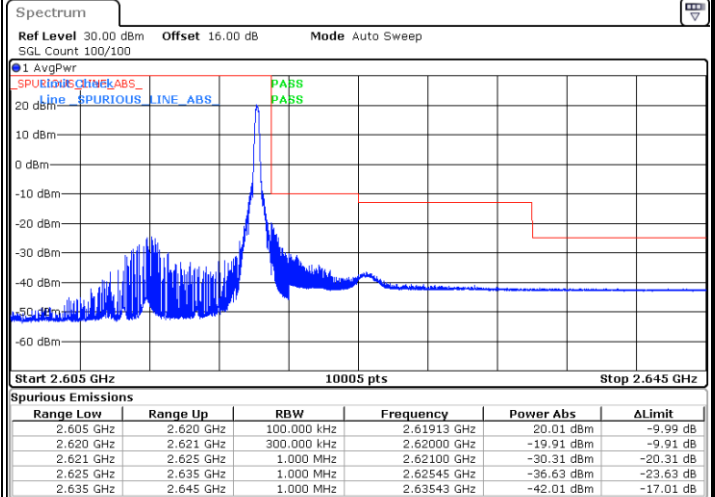
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



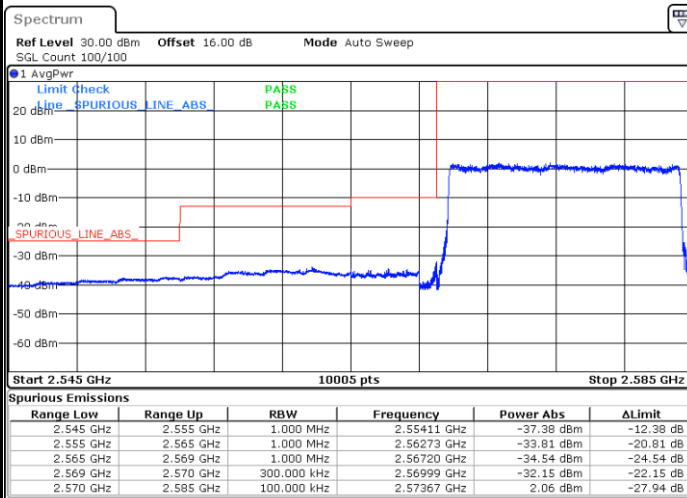
Date: 19.JAN.2022 06:00:46

Highest Band Edge / 1 RB



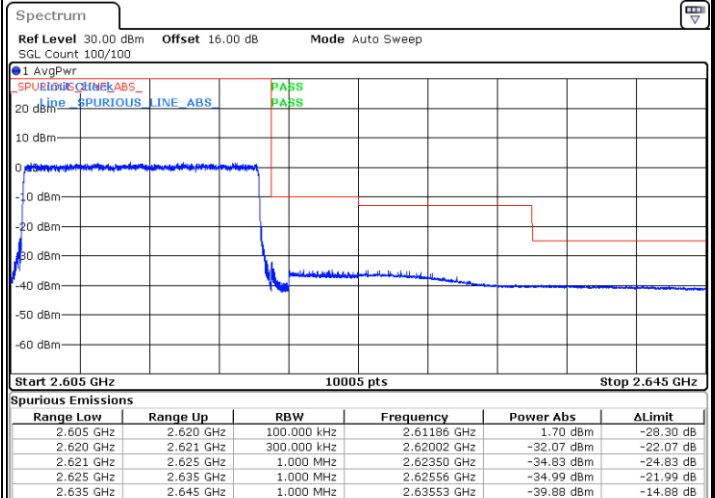
Date: 19.JAN.2022 06:04:47

Lowest Band Edge / Full RB



Date: 19.JAN.2022 06:02:06

Highest Band Edge / Full RB

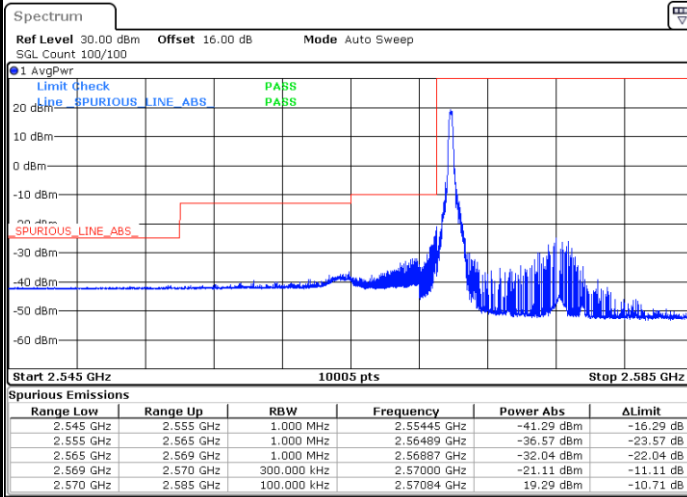


Date: 19.JAN.2022 06:03:26



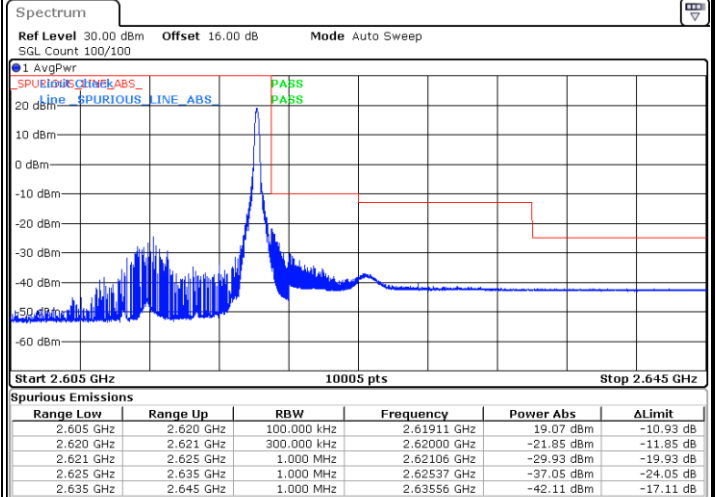
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



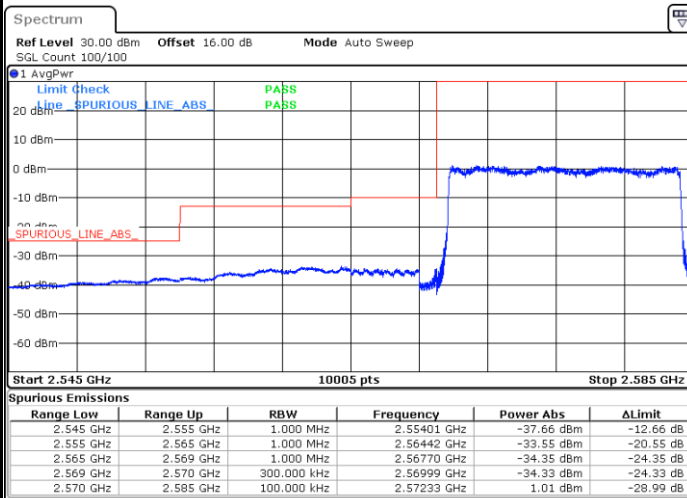
Date: 19.JAN.2022 06:05:27

Highest Band Edge / 1 RB



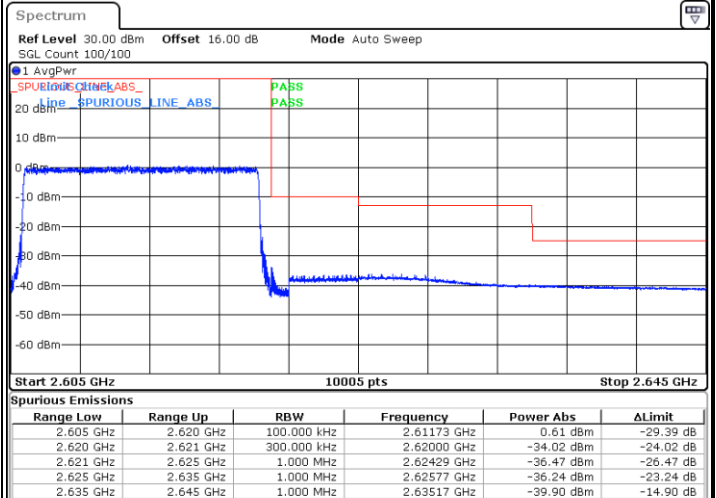
Date: 19.JAN.2022 06:07:28

Lowest Band Edge / Full RB



Date: 19.JAN.2022 06:06:08

Highest Band Edge / Full RB

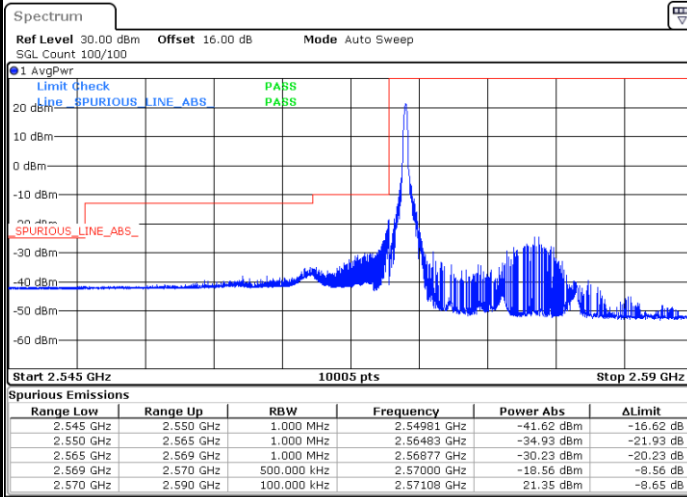


Date: 19.JAN.2022 06:06:47



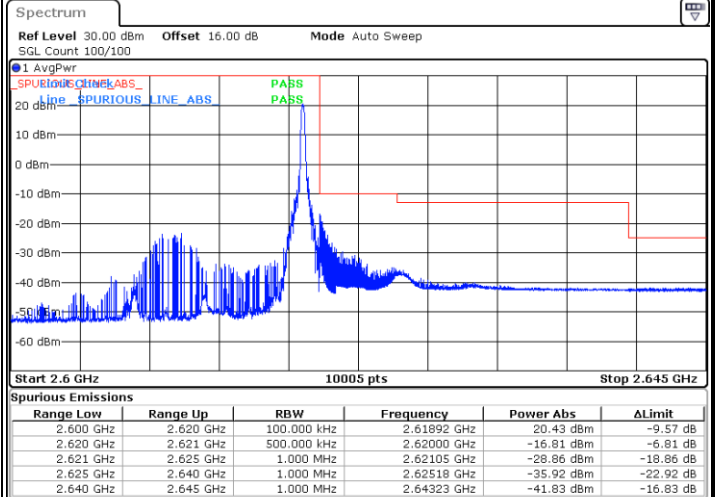
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



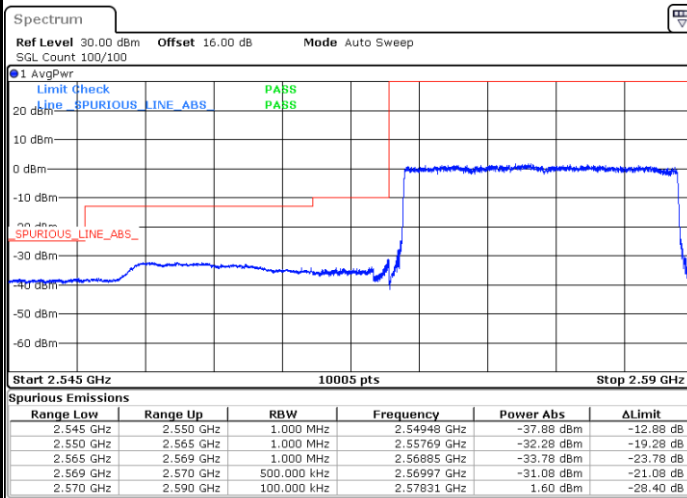
Date: 19.JAN.2022 06:08:08

Highest Band Edge / 1 RB



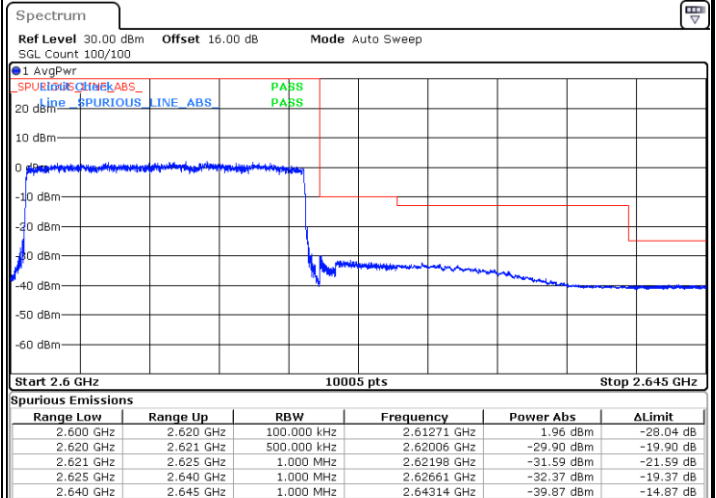
Date: 19.JAN.2022 06:12:10

Lowest Band Edge / Full RB



Date: 19.JAN.2022 06:09:29

Highest Band Edge / Full RB

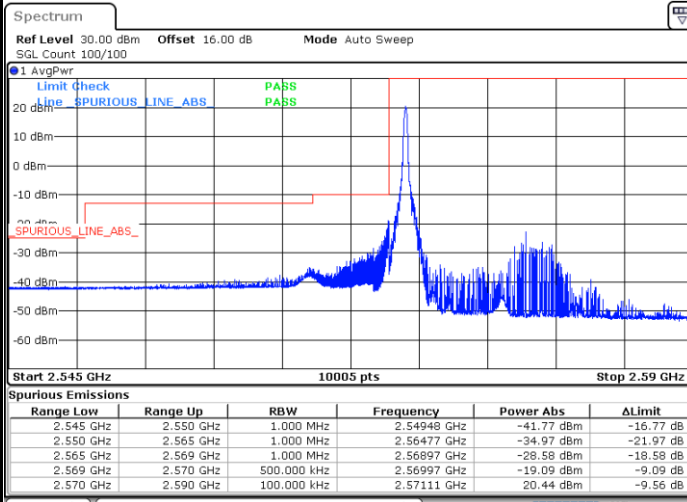


Date: 19.JAN.2022 06:10:49



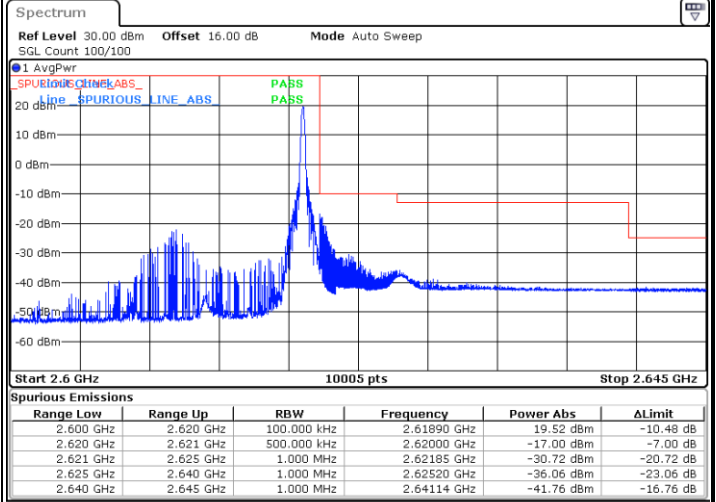
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



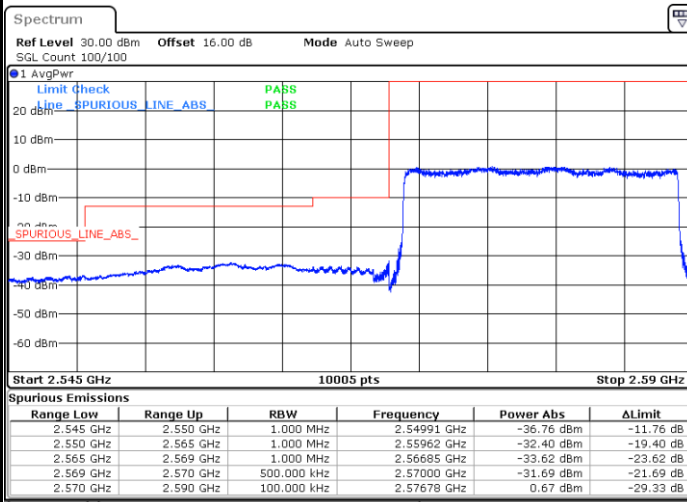
Date: 19.JAN.2022 06:08:49

Highest Band Edge / 1 RB



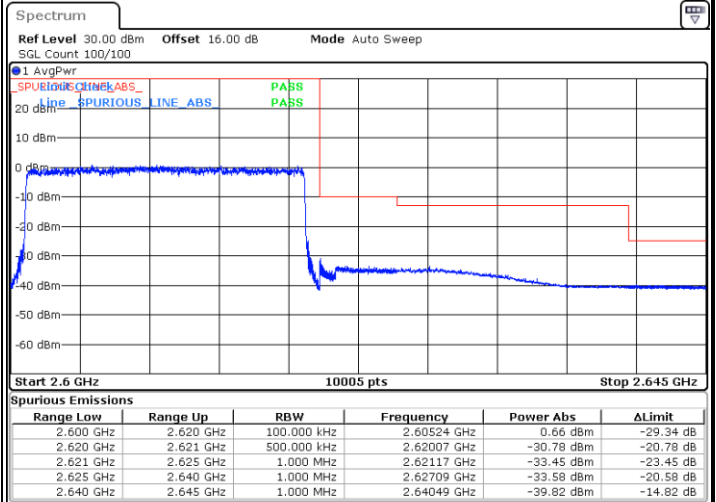
Date: 19.JAN.2022 06:12:50

Lowest Band Edge / Full RB



Date: 19.JAN.2022 06:10:09

Highest Band Edge / Full RB



Date: 19.JAN.2022 06:11:29