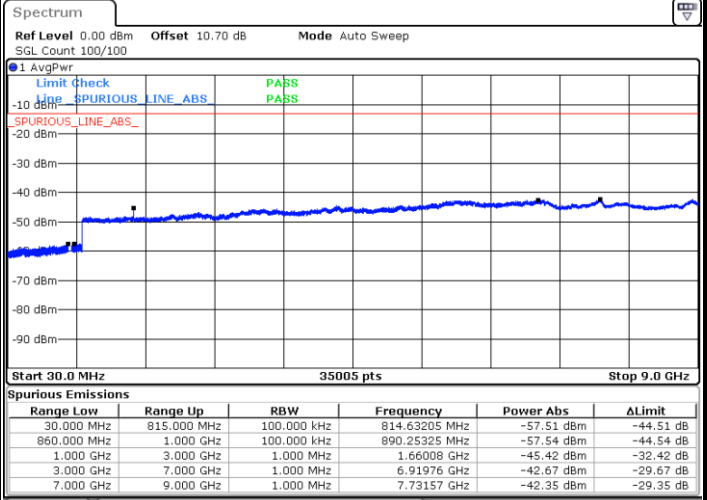
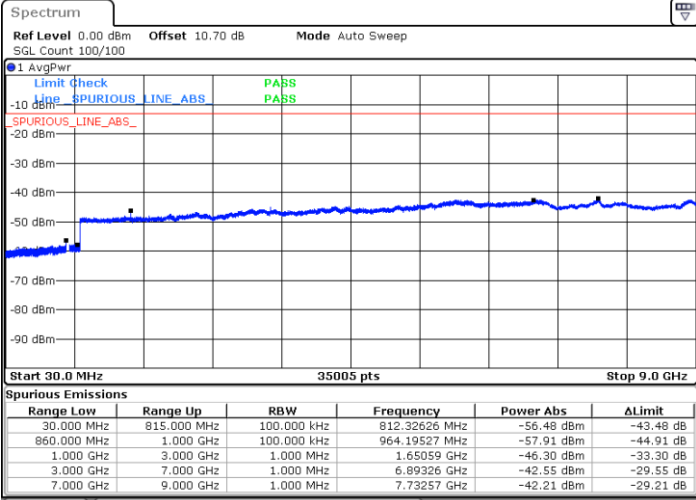




LTE Band 26 / 15MHz

Lowest Channel / QPSK

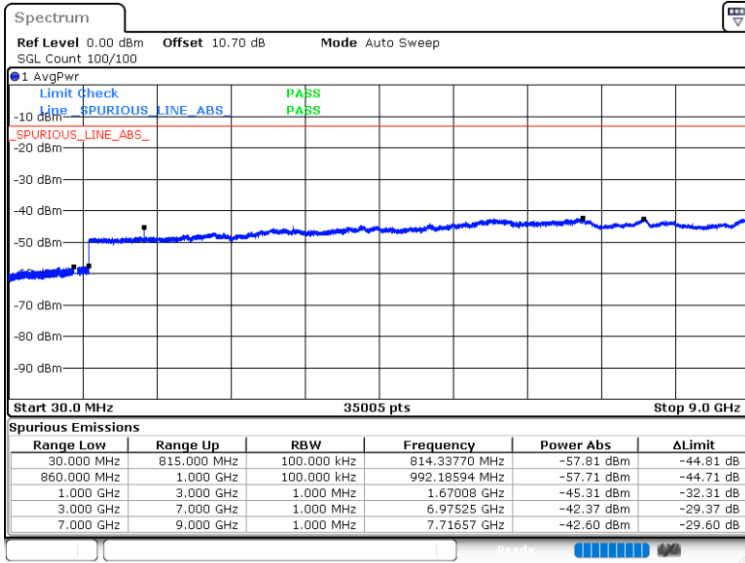
Middle Channel / QPSK



Date: 19.AUG.2022 15:25:57

Date: 19.AUG.2022 15:28:59

Highest Channel / QPSK



Date: 19.AUG.2022 15:34:16



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	0.0043	PASS
40	Normal Voltage	0.0112	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0088	
-10	Normal Voltage	0.0116	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0098	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0036	

Note:

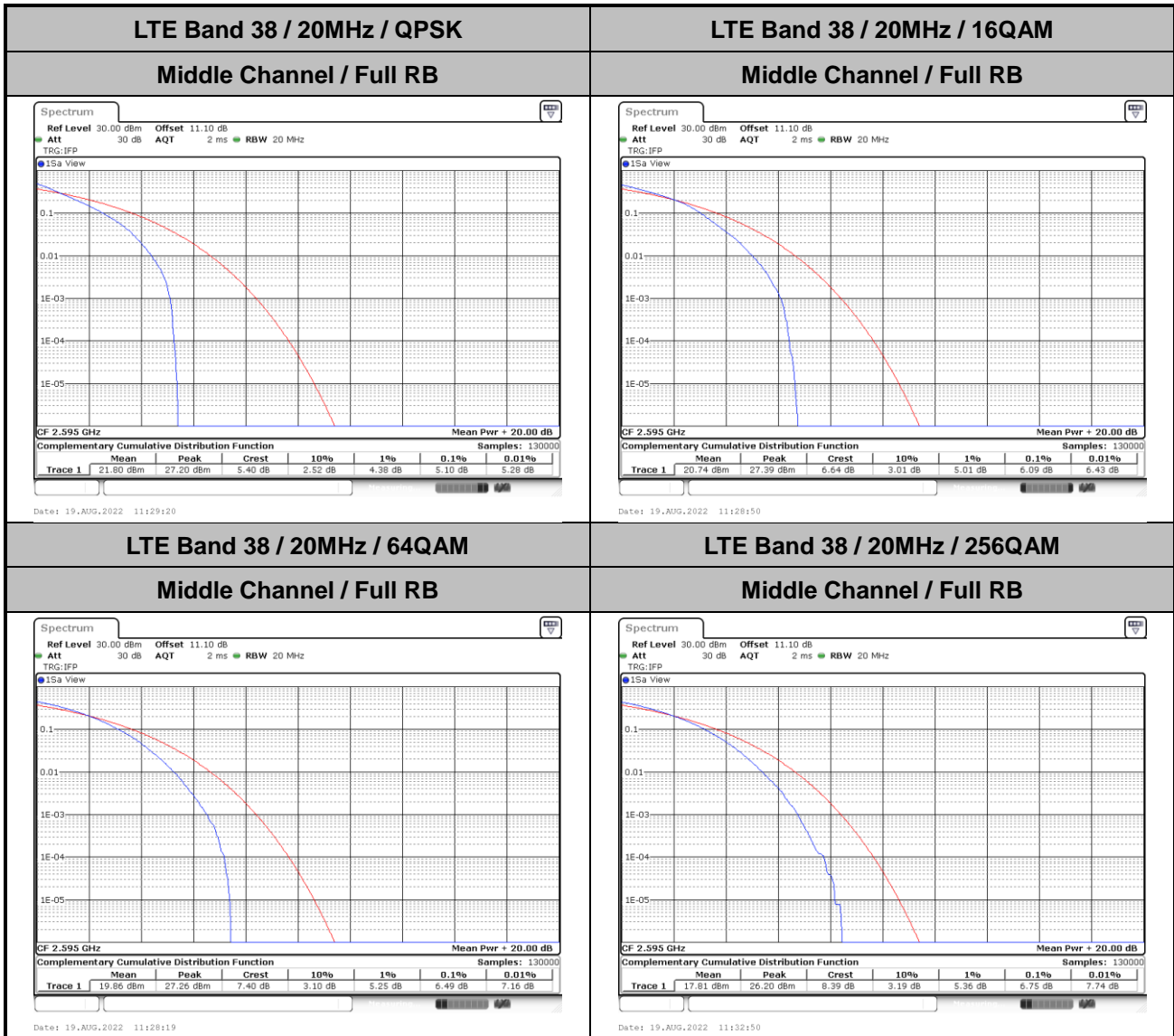
1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	6.09	6.49	6.75	PASS





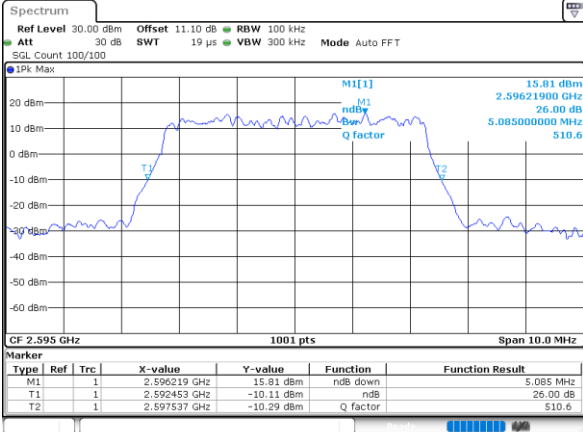
26dB Bandwidth

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	-	-	-	-	5.09	4.72	10.03	9.63	14.54	14.12	19.30	18.94
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	5.07	5.01	9.69	9.97	14.27	14.66	18.62	19.02



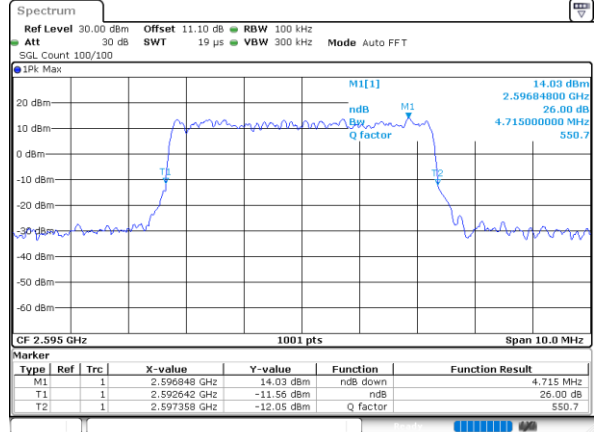
LTE Band 38

Middle Channel / 5MHz / QPSK



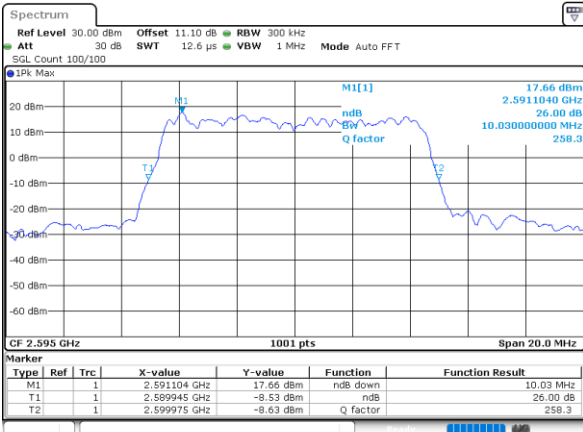
Date: 19_AUG.2022 11:18:10

Middle Channel / 5MHz / 16QAM



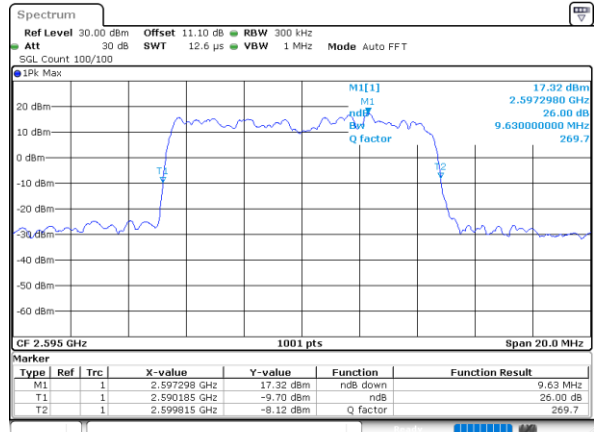
Date: 19_AUG.2022 11:18:47

Middle Channel / 10MHz / QPSK



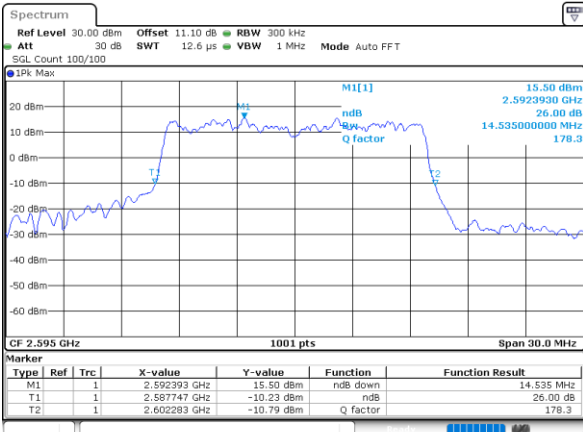
Date: 19_AUG.2022 11:20:19

Middle Channel / 10MHz / 16QAM



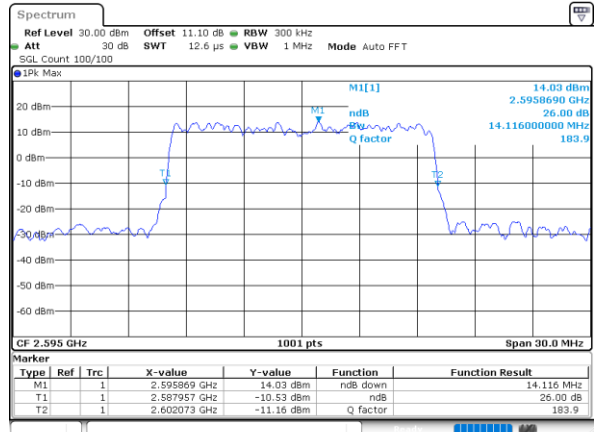
Date: 19_AUG.2022 11:20:48

Middle Channel / 15MHz / QPSK



Date: 19_AUG.2022 11:22:21

Middle Channel / 15MHz / 16QAM

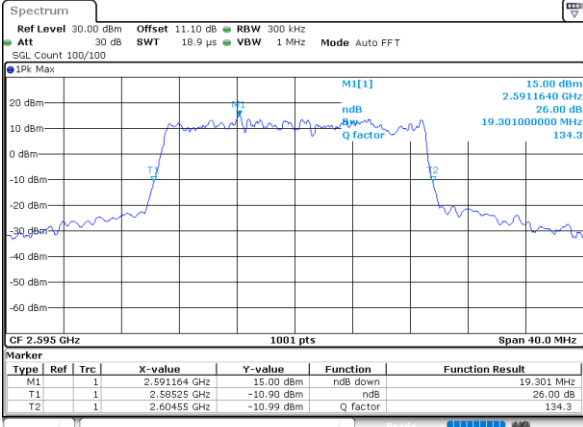


Date: 19_AUG.2022 11:22:49



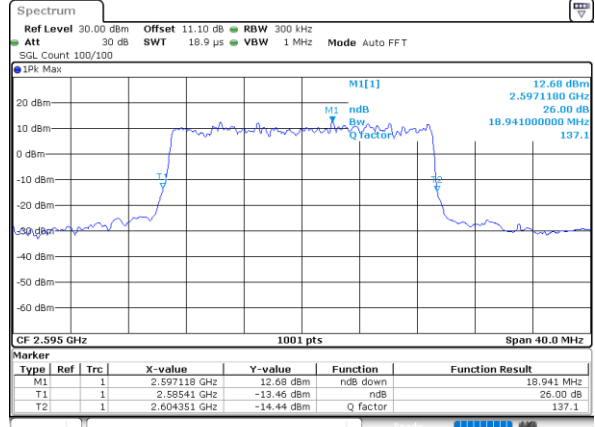
LTE Band 38

Middle Channel / 20MHz / QPSK



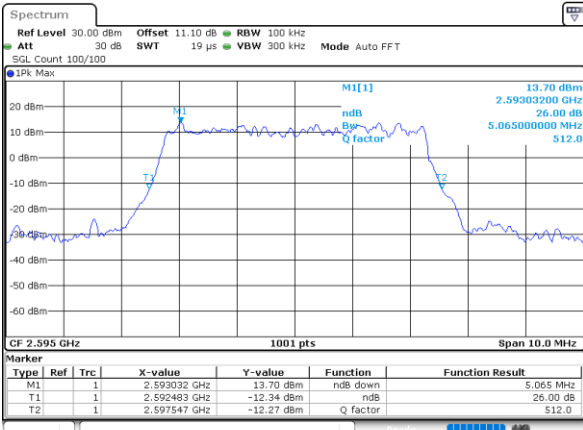
Date: 19_AUG.2022 11:24:21

Middle Channel / 20MHz / 16QAM



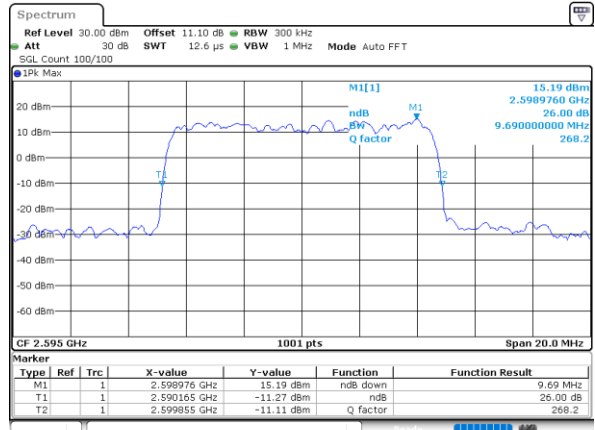
Date: 19_AUG.2022 11:24:50

Middle Channel / 5MHz / 64QAM



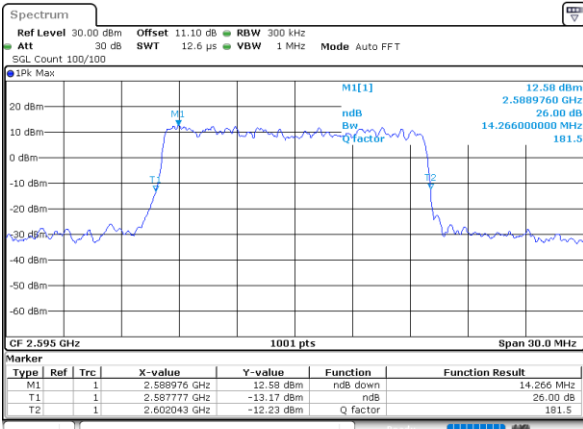
Date: 19_AUG.2022 11:25:39

Middle Channel / 10MHz / 64QAM



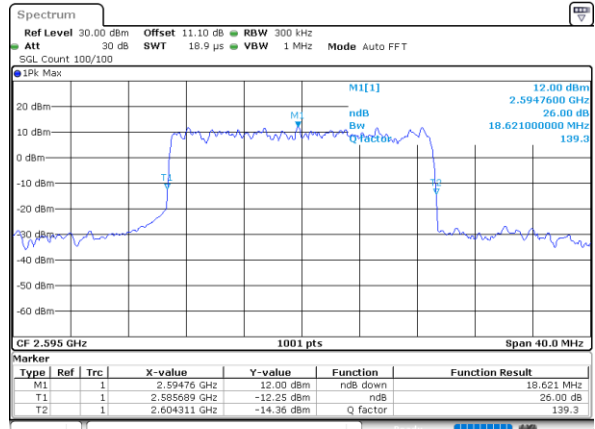
Date: 19_AUG.2022 11:26:27

Middle Channel / 15MHz / 64QAM



Date: 19_AUG.2022 11:27:16

Middle Channel / 20MHz / 64QAM

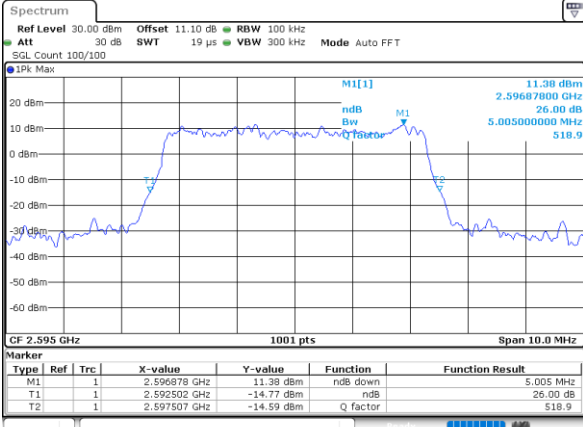


Date: 19_AUG.2022 11:28:04



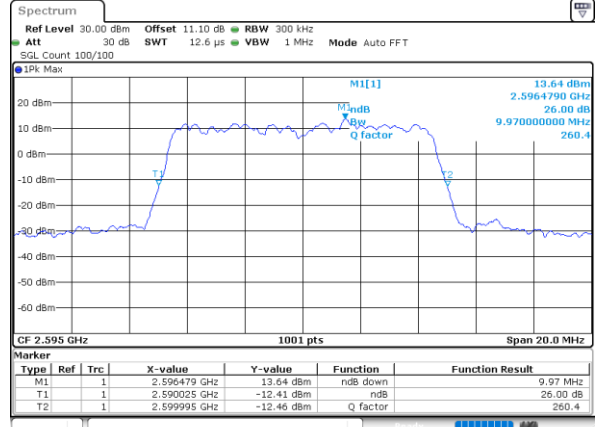
LTE Band 38

Middle Channel / 5MHz / 256QAM



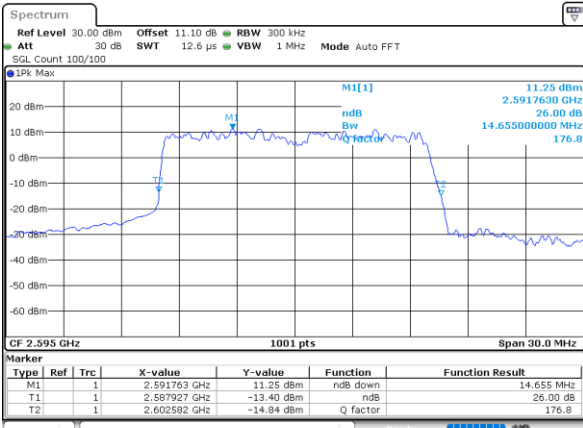
Date: 19_AUG.2022 11:30:10

Middle Channel / 10MHz / 256QAM



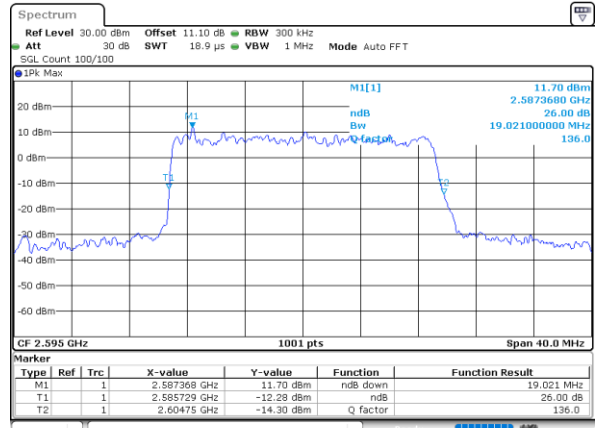
Date: 19_AUG.2022 11:30:58

Middle Channel / 15MHz / 256QAM



Date: 19_AUG.2022 11:31:47

Middle Channel / 20MHz / 256QAM



Date: 19_AUG.2022 11:32:35



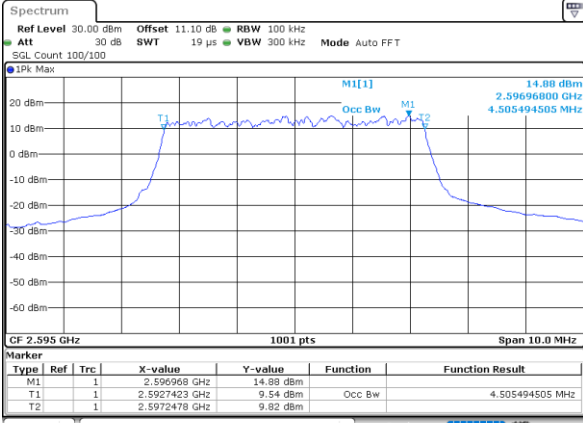
Occupied Bandwidth

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	4.54	8.99	8.97	13.43	13.46	17.90	17.90
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	4.50	9.01	9.05	13.46	13.46	17.90	18.10



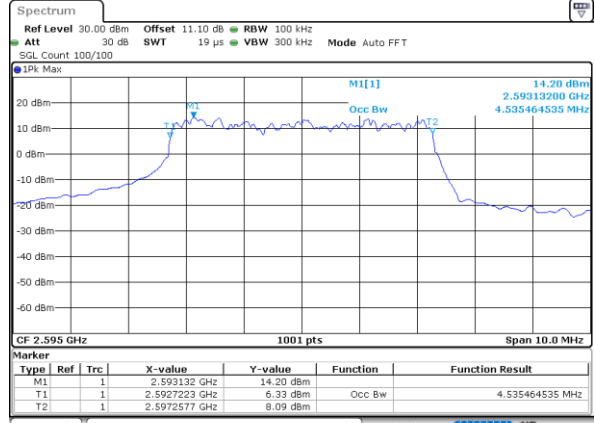
LTE Band 38

Middle Channel / 5MHz / QPSK



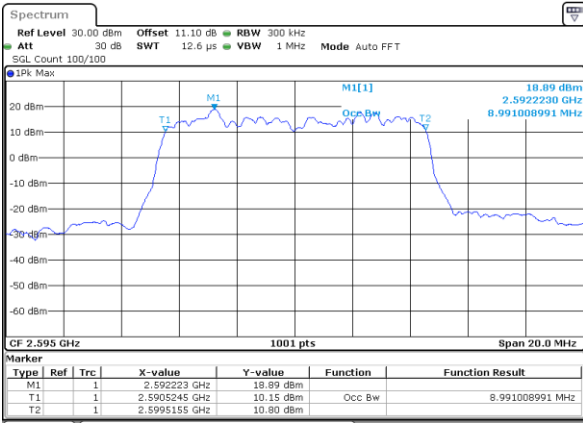
Date: 19_AUG.2022 11:17:21

Middle Channel / 5MHz / 16QAM



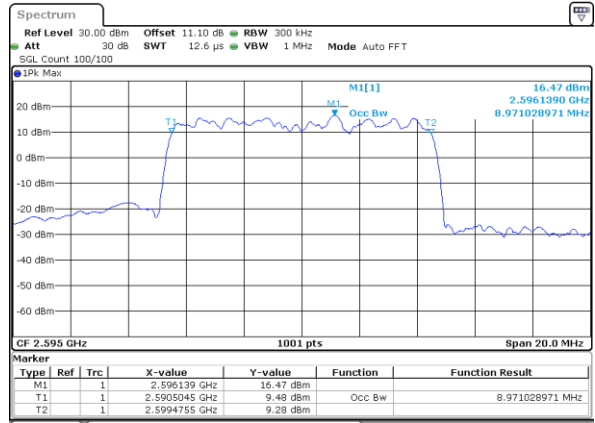
Date: 19_AUG.2022 11:17:49

Middle Channel / 10MHz / QPSK



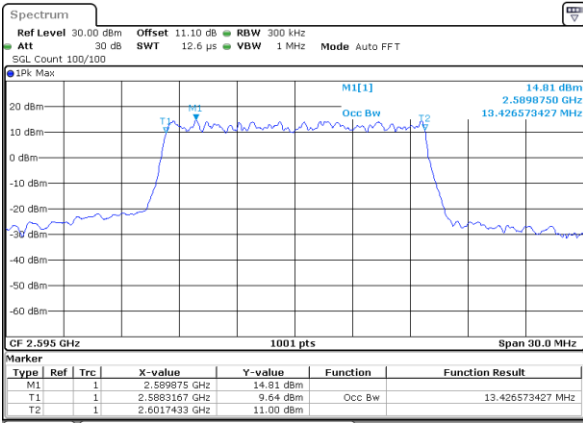
Date: 19_AUG.2022 11:19:22

Middle Channel / 10MHz / 16QAM



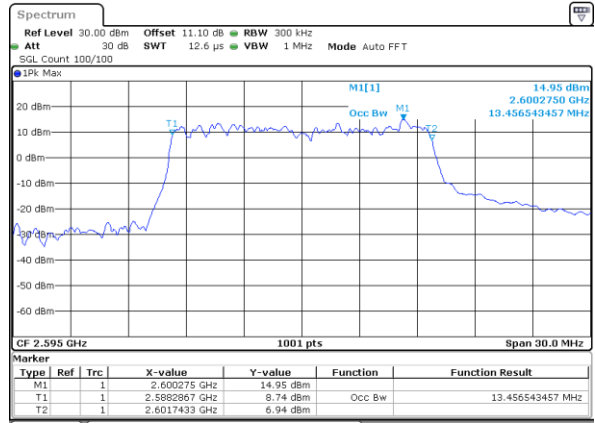
Date: 19_AUG.2022 11:19:51

Middle Channel / 15MHz / QPSK



Date: 19_AUG.2022 11:21:23

Middle Channel / 15MHz / 16QAM

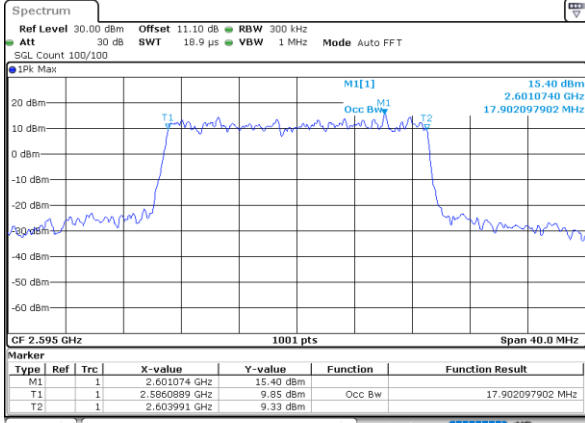


Date: 19_AUG.2022 11:21:52



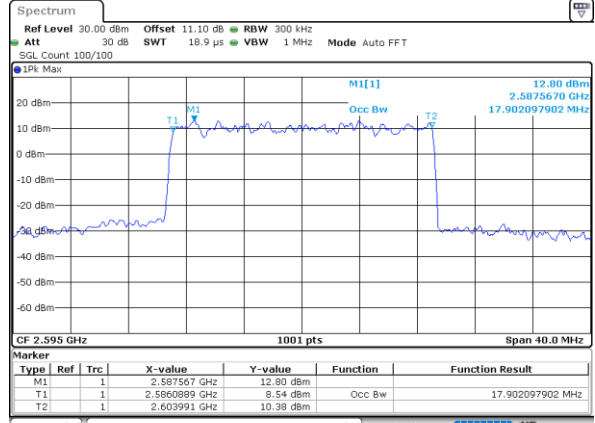
LTE Band 38

Middle Channel / 20MHz / QPSK



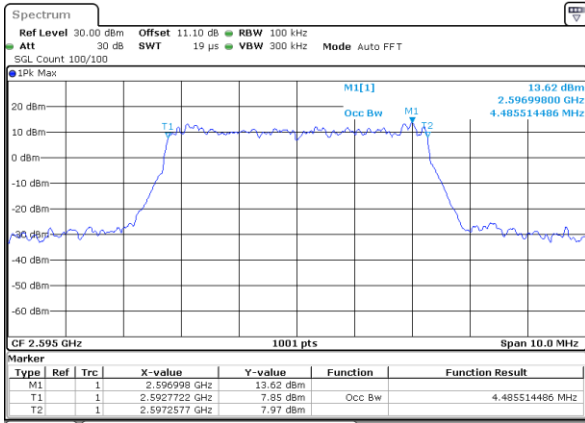
Date: 19_AUG.2022 11:23:24

Middle Channel / 20MHz / 16QAM



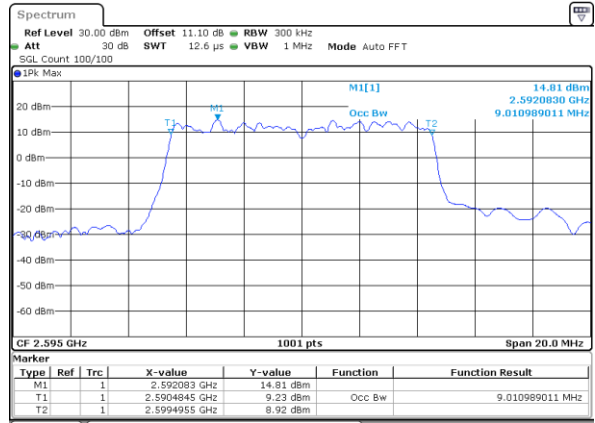
Date: 19_AUG.2022 11:23:53

Middle Channel / 5MHz / 64QAM



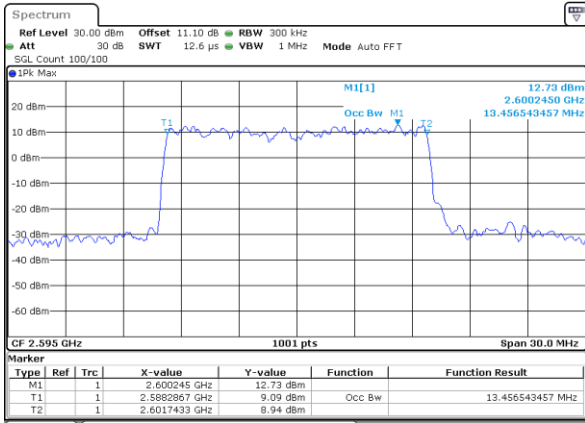
Date: 19_AUG.2022 11:25:25

Middle Channel / 10MHz / 64QAM



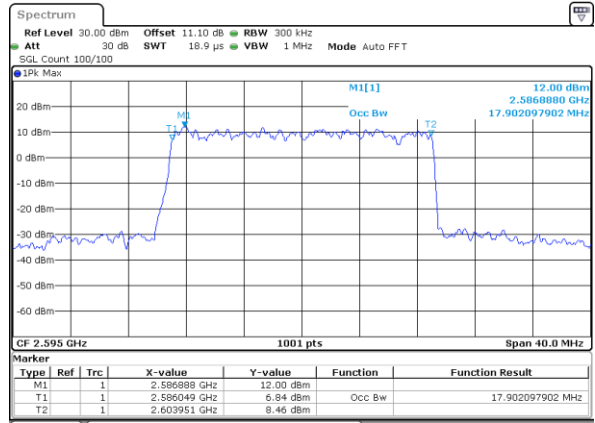
Date: 19_AUG.2022 11:26:13

Middle Channel / 15MHz / 64QAM



Date: 19_AUG.2022 11:27:02

Middle Channel / 20MHz / 64QAM

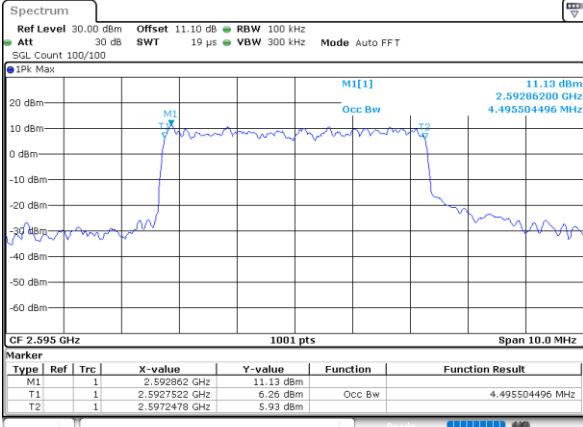


Date: 19_AUG.2022 11:27:50



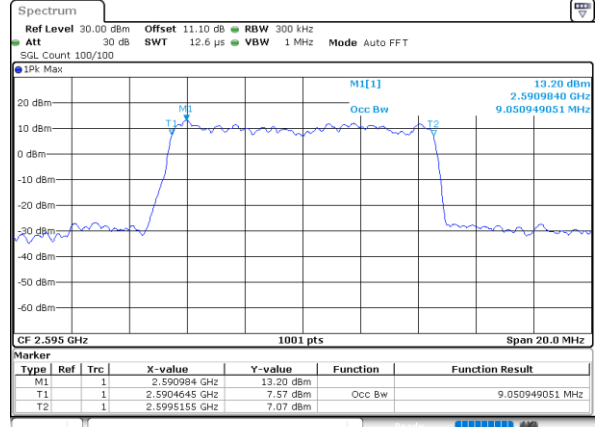
LTE Band 38

Middle Channel / 5MHz / 256QAM



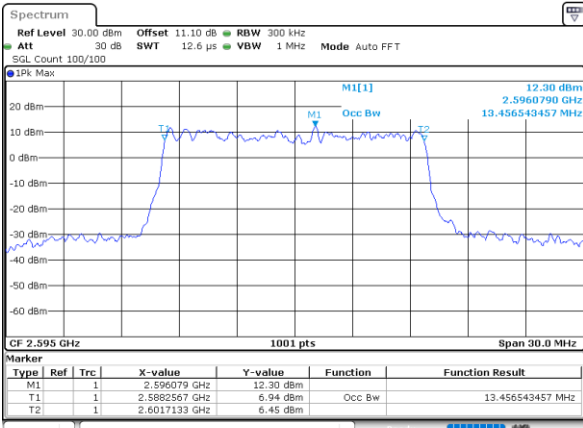
Date: 19_AUG.2022 11:29:56

Middle Channel / 10MHz / 256QAM



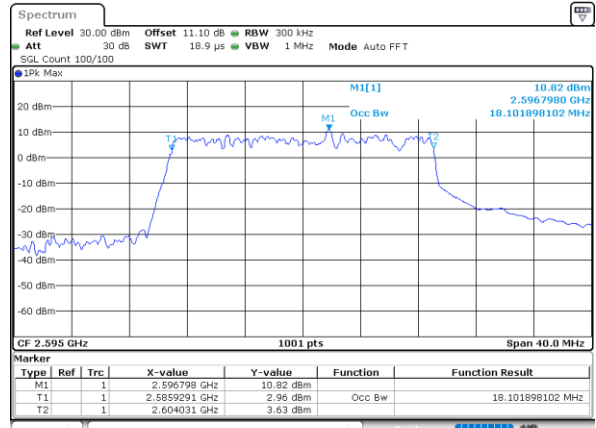
Date: 19_AUG.2022 11:30:44

Middle Channel / 15MHz / 256QAM



Date: 19_AUG.2022 11:31:03

Middle Channel / 20MHz / 256QAM



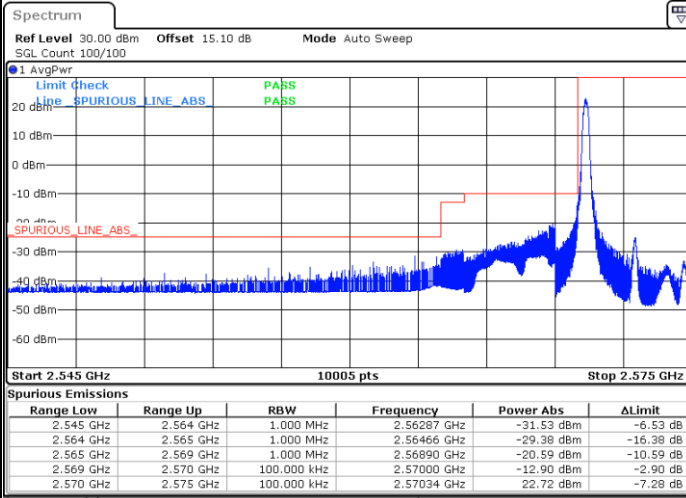
Date: 19_AUG.2022 11:32:21



Conducted Band Edge

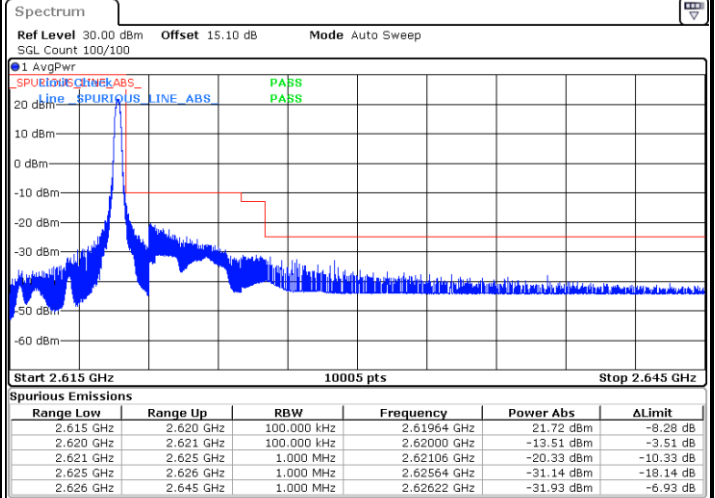
LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB



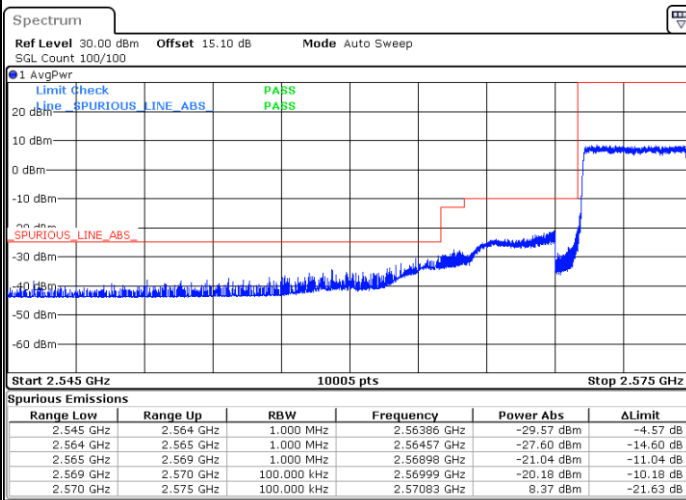
Date: 19.AUG.2022 09:53:32

Highest Band Edge / 1 RB



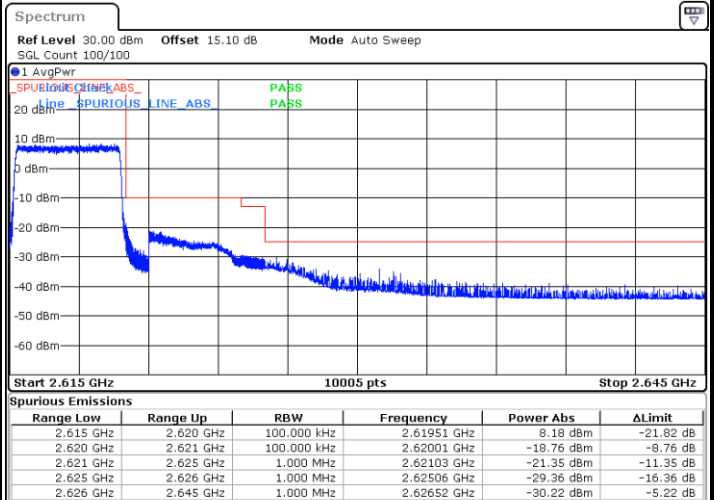
Date: 19.AUG.2022 09:59:24

Lowest Band Edge / Full RB



Date: 19.AUG.2022 09:55:29

Highest Band Edge / Full RB

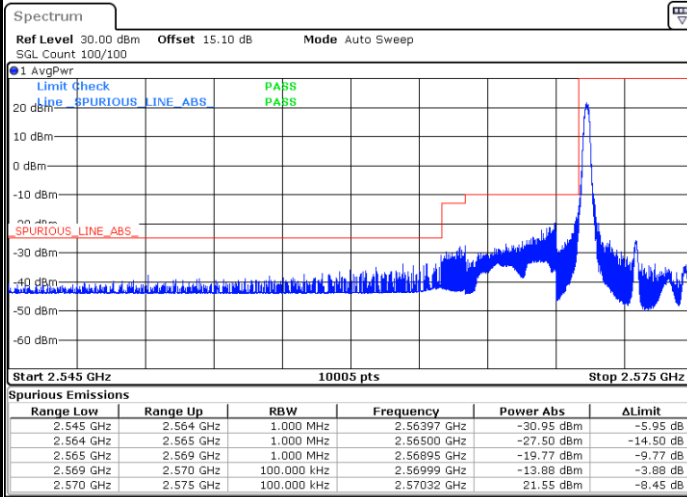


Date: 19.AUG.2022 09:57:26



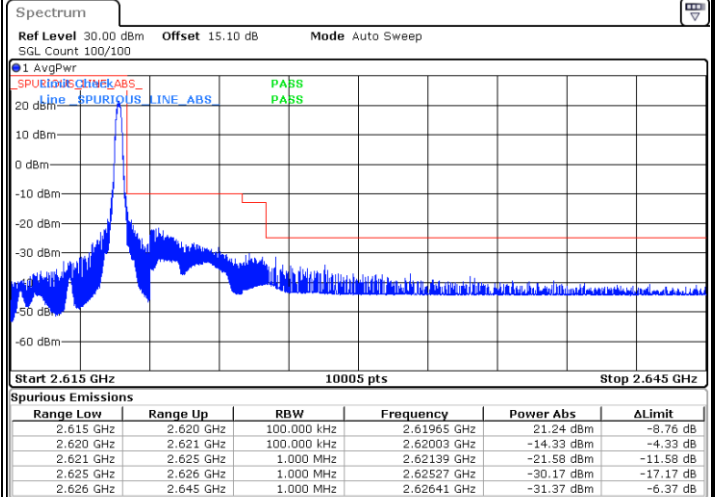
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



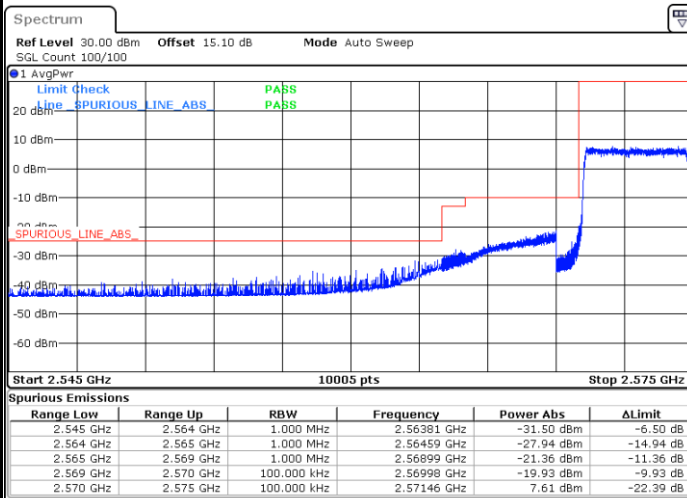
Date: 19.AUG.2022 09:54:30

Highest Band Edge / 1 RB



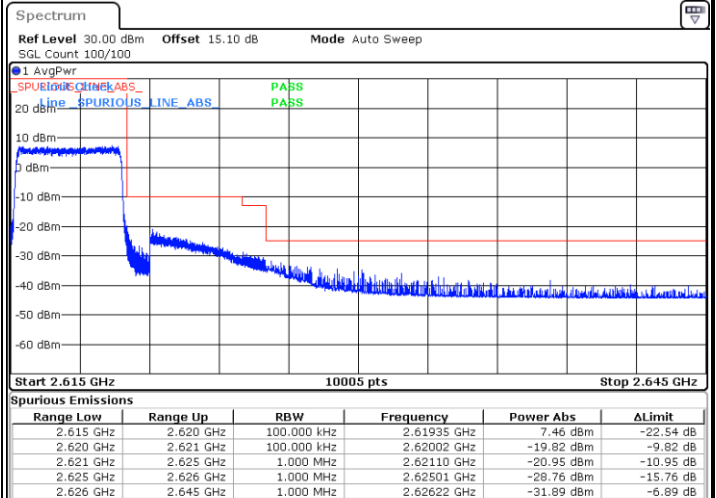
Date: 19.AUG.2022 10:00:22

Lowest Band Edge / Full RB



Date: 19.AUG.2022 09:56:28

Highest Band Edge / Full RB

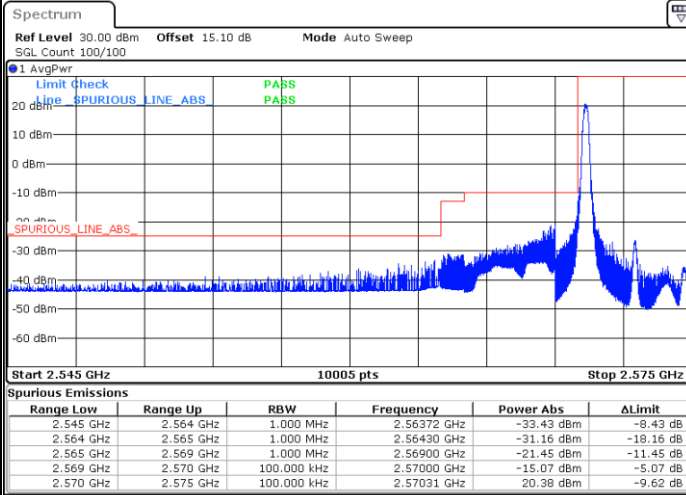


Date: 19.AUG.2022 09:58:25



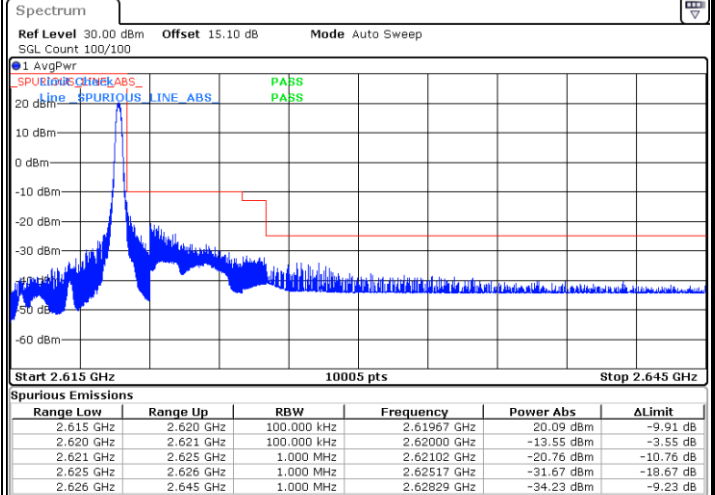
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



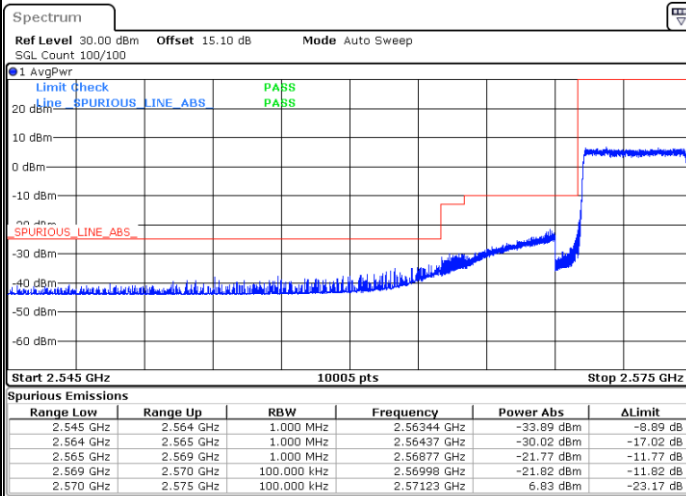
Date: 19.AUG.2022 10:01:21

Highest Band Edge / 1 RB



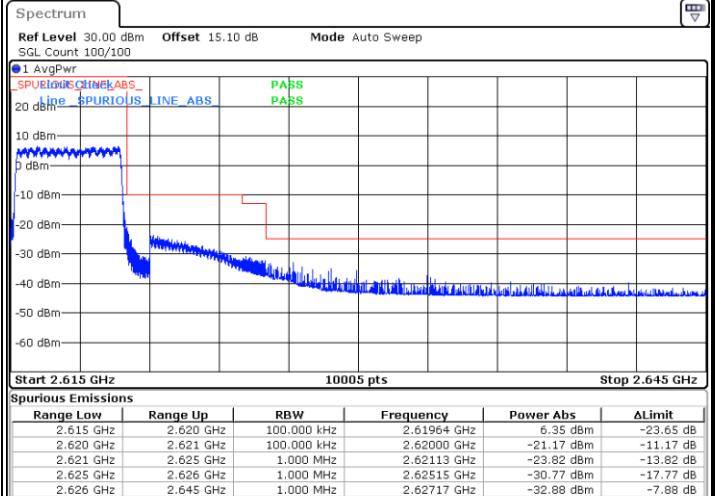
Date: 19.AUG.2022 10:04:17

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:02:20

Highest Band Edge / Full RB

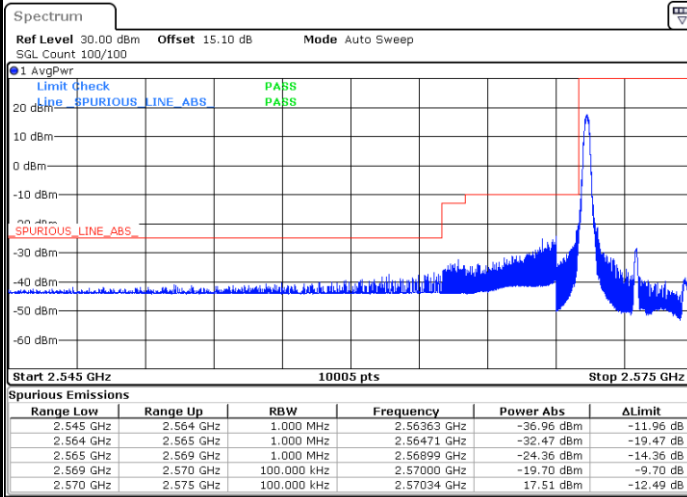


Date: 19.AUG.2022 10:03:18



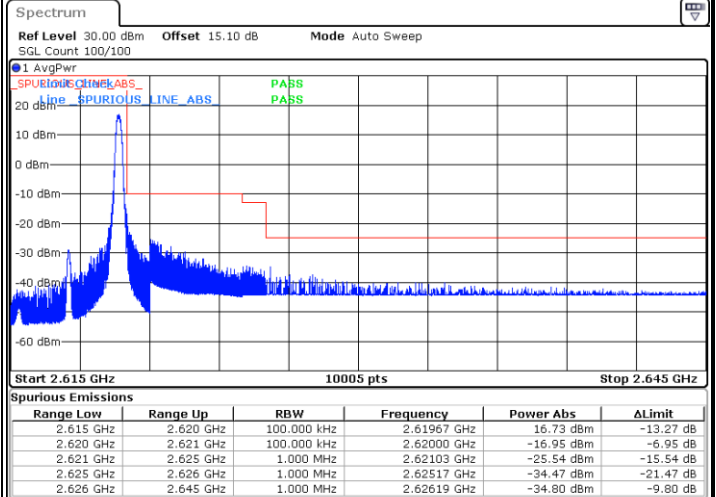
LTE Band 38 / 5MHz / 256QAM

Lowest Band Edge / 1RB



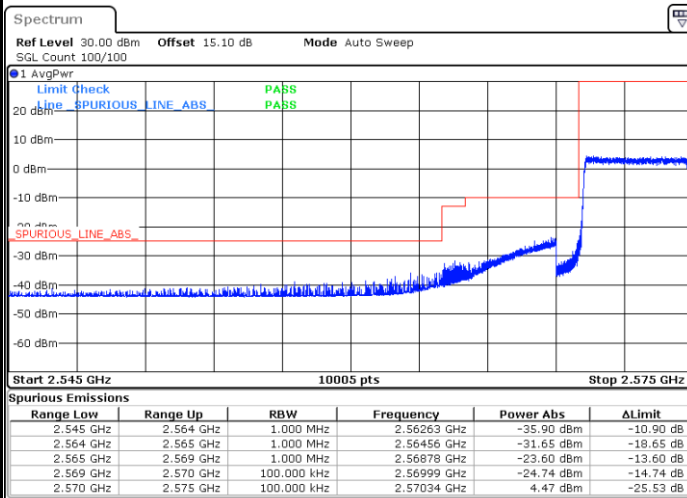
Date: 19.AUG.2022 11:01:14

Highest Band Edge / 1 RB



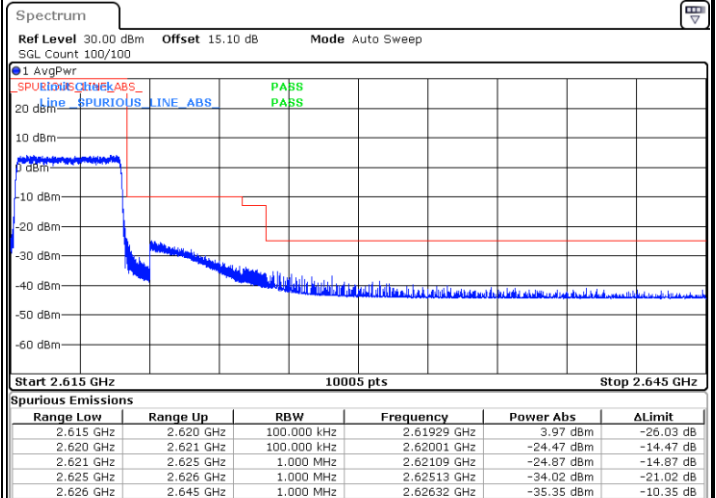
Date: 19.AUG.2022 11:04:18

Lowest Band Edge / Full RB



Date: 19.AUG.2022 11:02:15

Highest Band Edge / Full RB

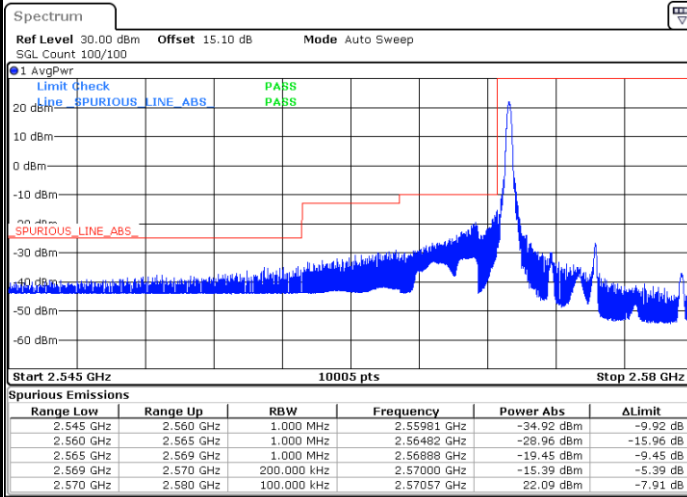


Date: 19.AUG.2022 11:03:16



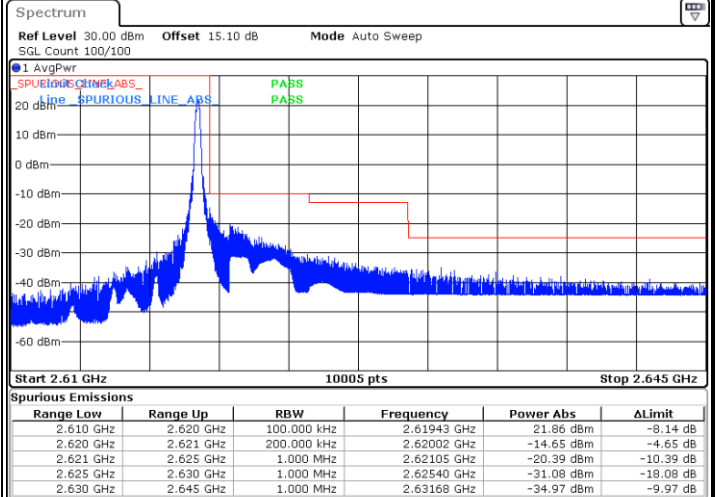
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



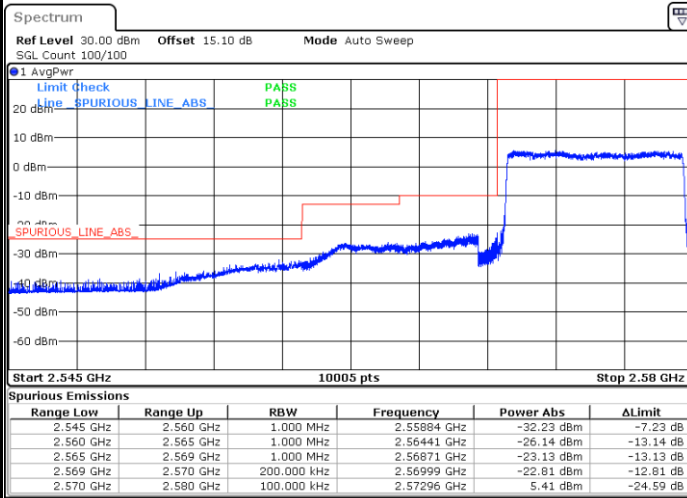
Date: 19.AUG.2022 10:10:42

Highest Band Edge / 1 RB



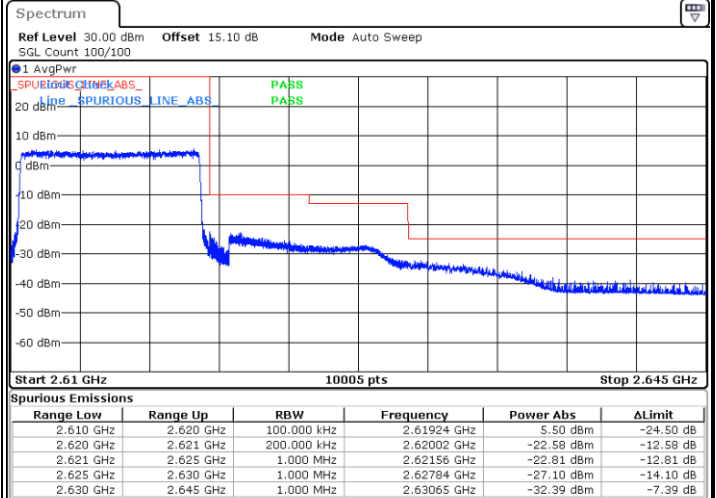
Date: 19.AUG.2022 10:16:34

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:12:39

Highest Band Edge / Full RB

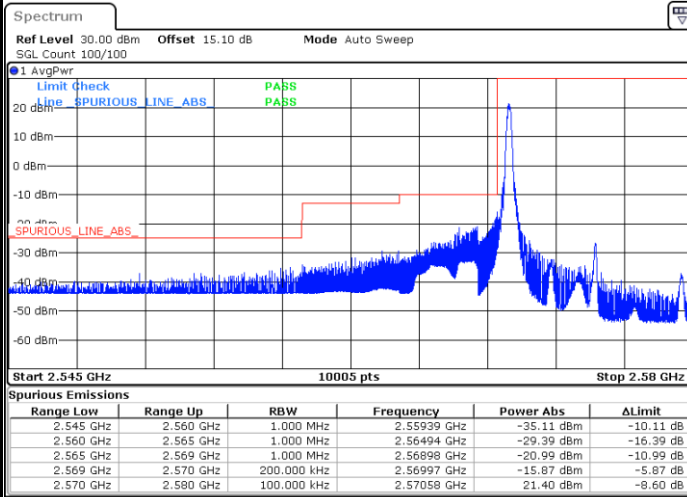


Date: 19.AUG.2022 10:14:36



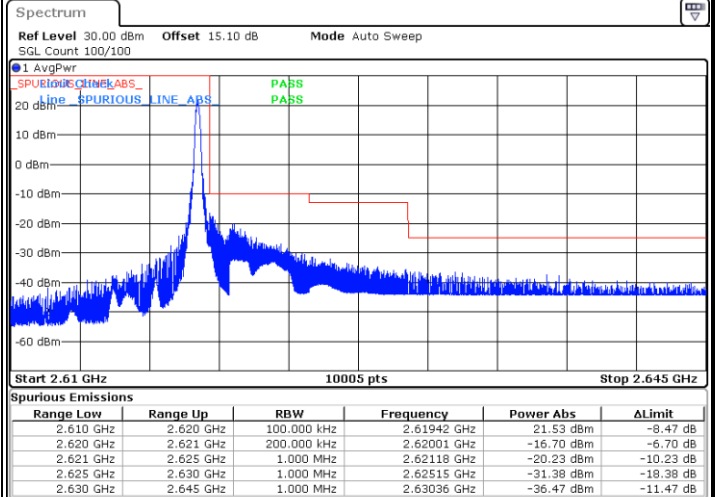
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



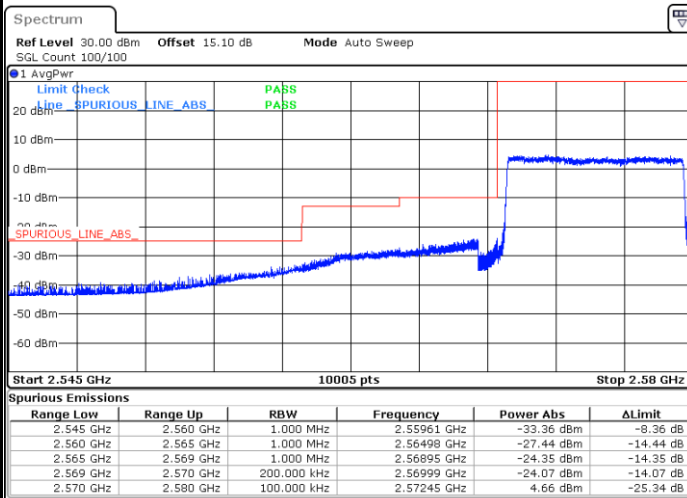
Date: 19.AUG.2022 10:11:40

Highest Band Edge / 1 RB



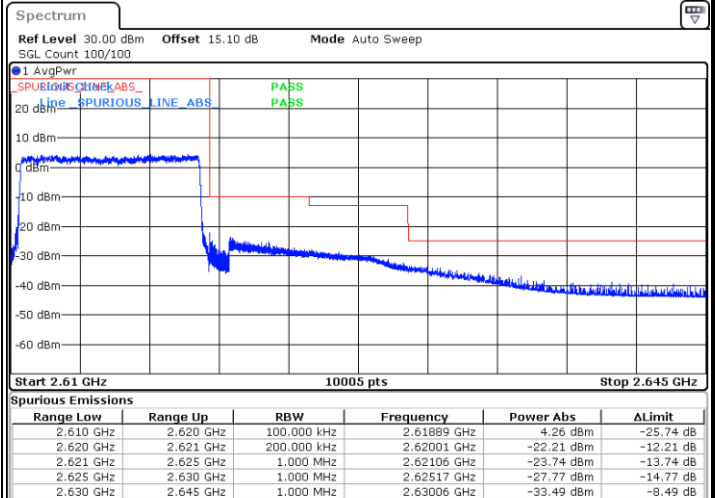
Date: 19.AUG.2022 10:17:32

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:13:38

Highest Band Edge / Full RB

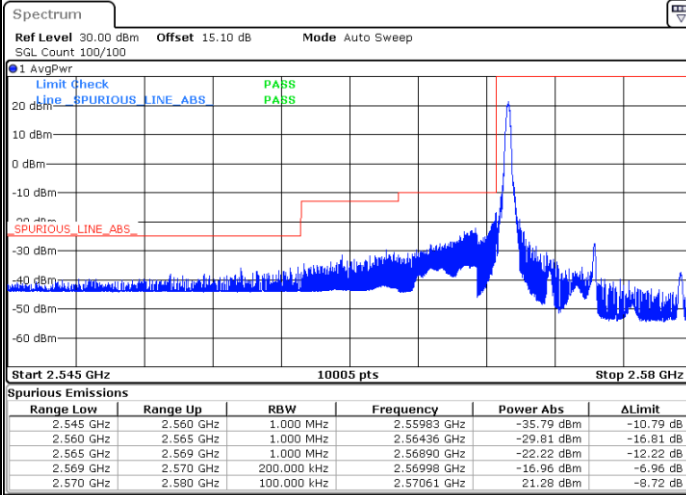


Date: 19.AUG.2022 10:15:35



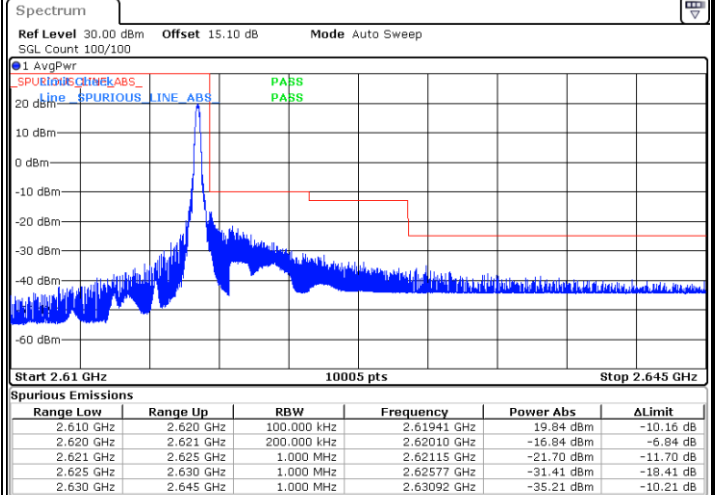
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



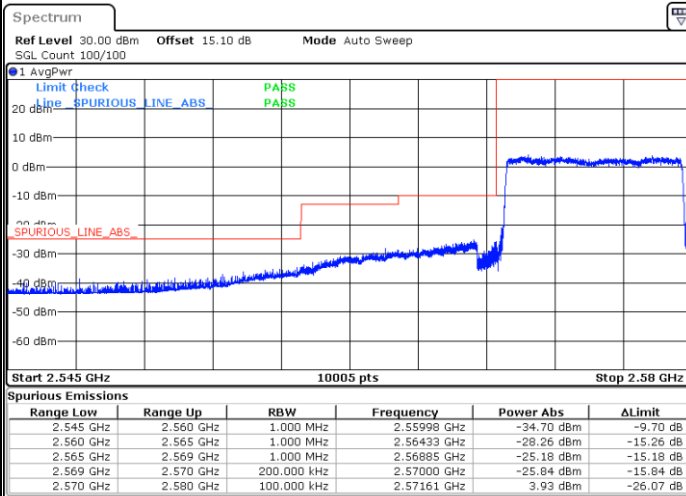
Date: 19.AUG.2022 10:06:47

Highest Band Edge / 1 RB



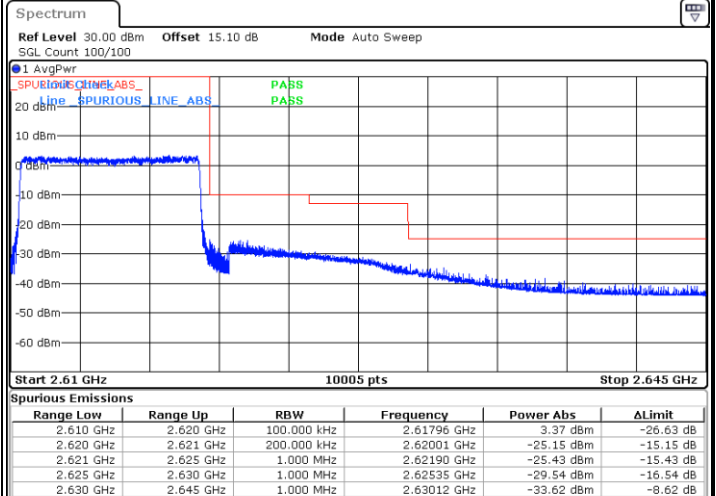
Date: 19.AUG.2022 10:09:43

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:07:46

Highest Band Edge / Full RB

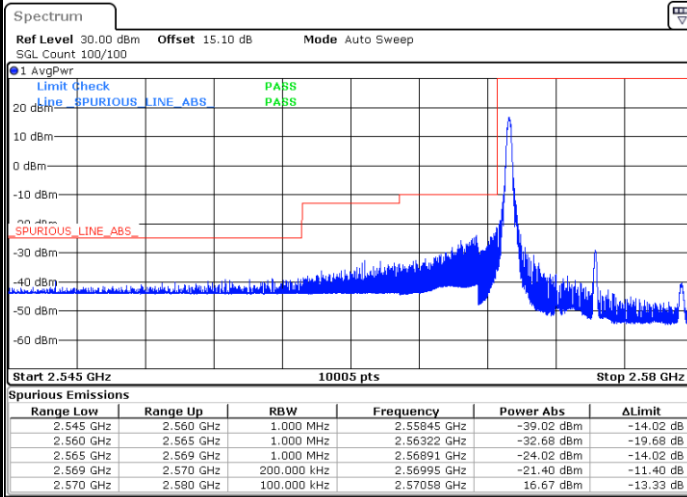


Date: 19.AUG.2022 10:08:44



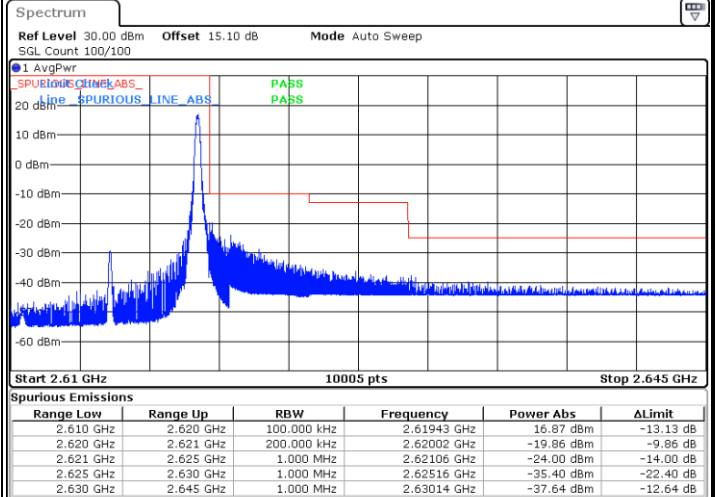
LTE Band 38 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



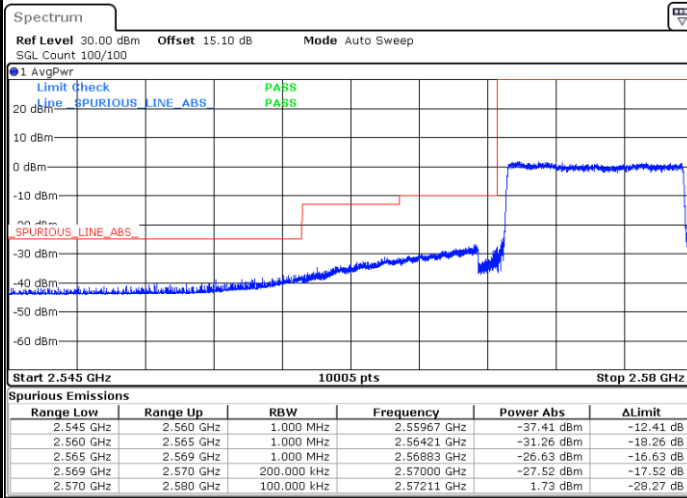
Date: 19.AUG.2022 11:05:22

Highest Band Edge / 1 RB



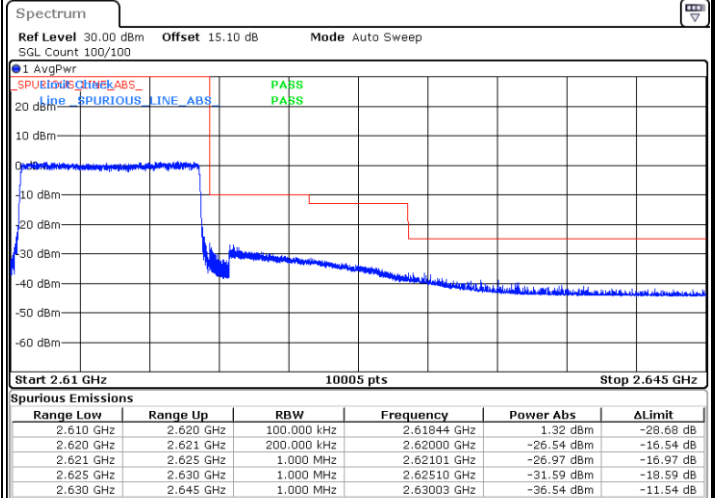
Date: 19.AUG.2022 11:08:26

Lowest Band Edge / Full RB



Date: 19.AUG.2022 11:06:23

Highest Band Edge / Full RB

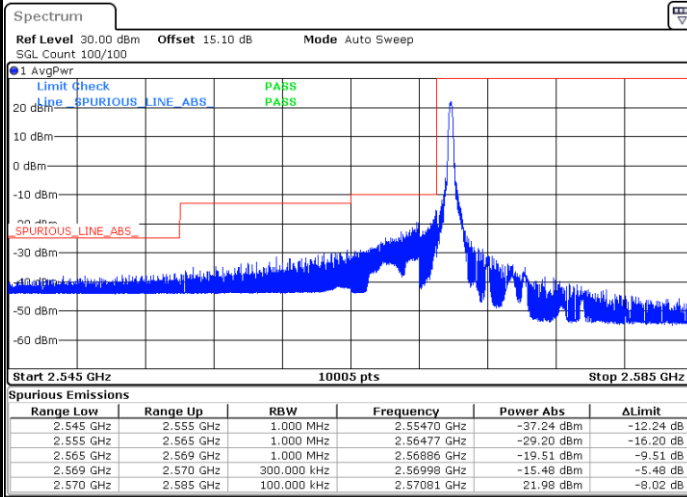


Date: 19.AUG.2022 11:07:25



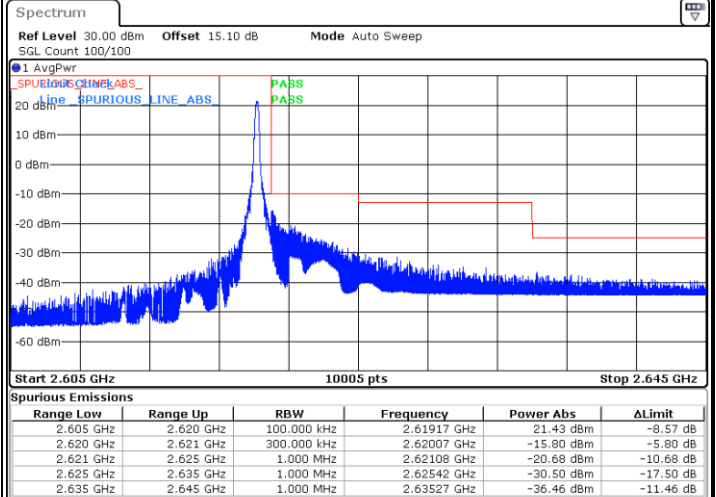
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



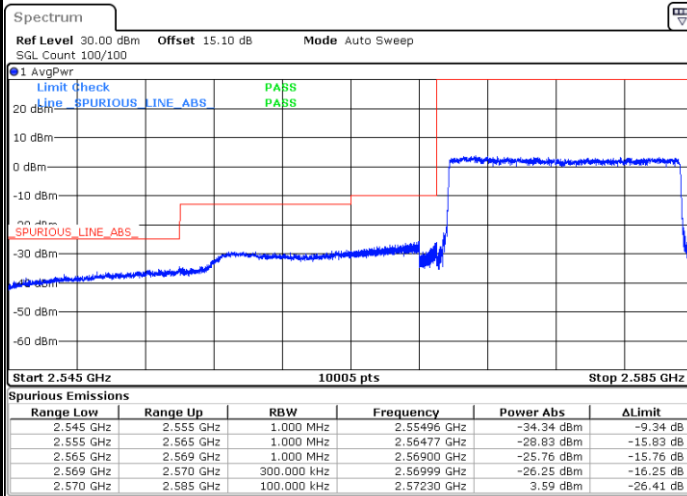
Date: 19.AUG.2022 10:20:02

Highest Band Edge / 1 RB



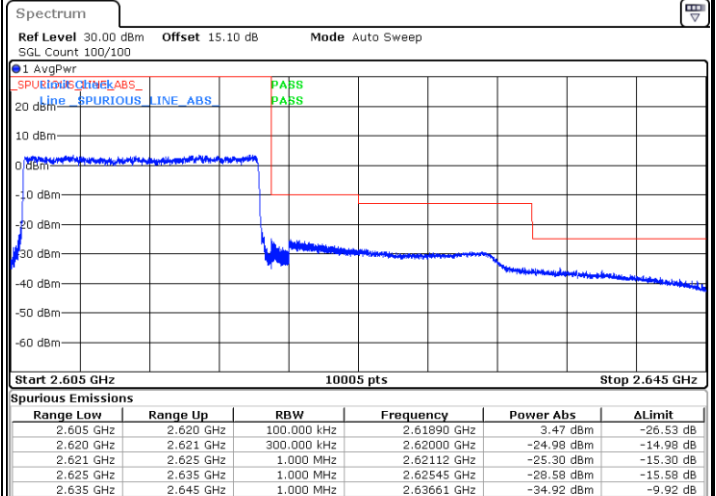
Date: 19.AUG.2022 10:25:54

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:22:00

Highest Band Edge / Full RB

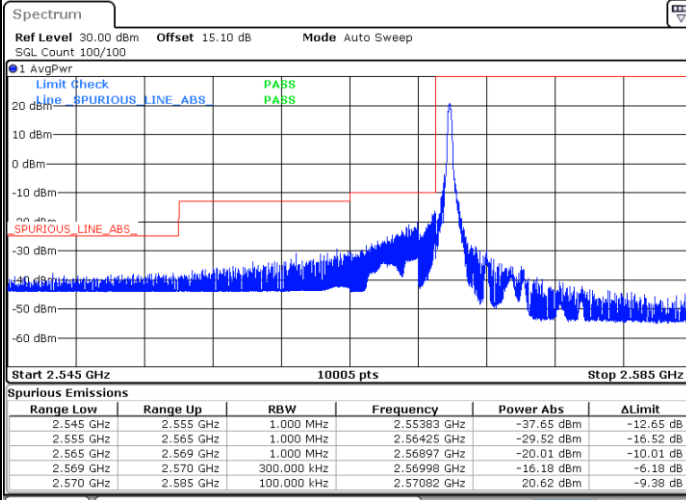


Date: 19.AUG.2022 10:23:57



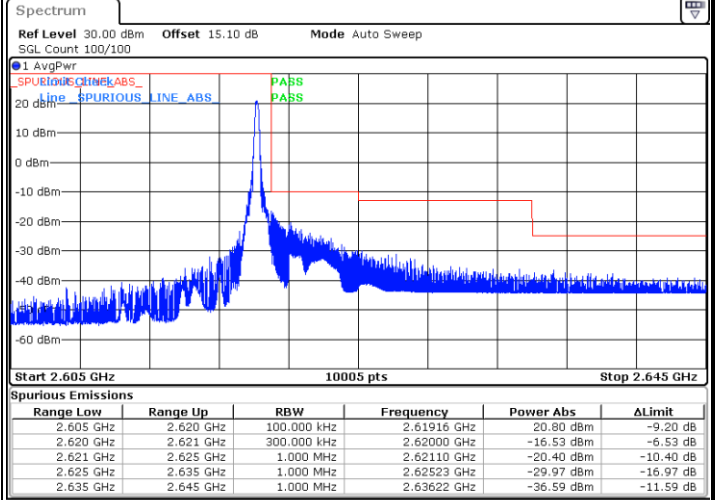
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



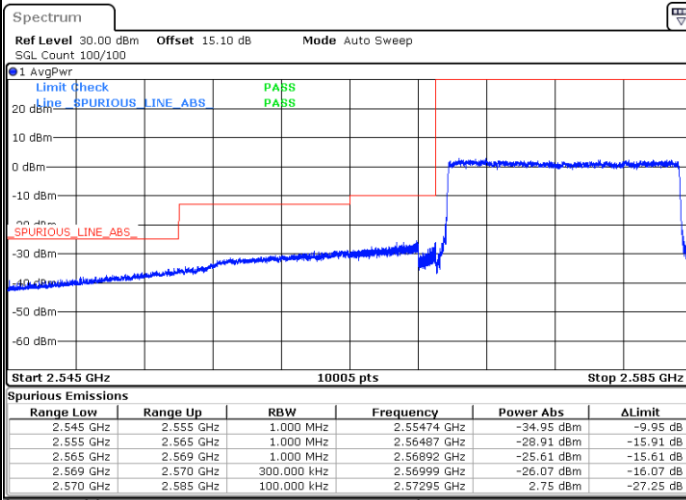
Date: 19.AUG.2022 10:21:01

Highest Band Edge / 1 RB



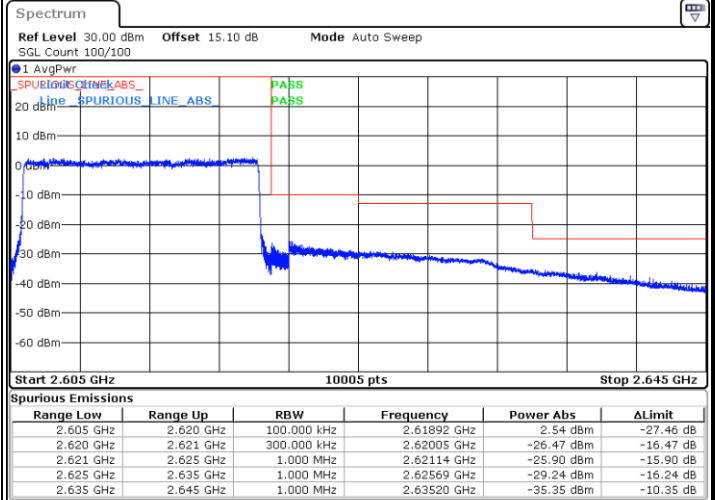
Date: 19.AUG.2022 10:26:53

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:22:58

Highest Band Edge / Full RB

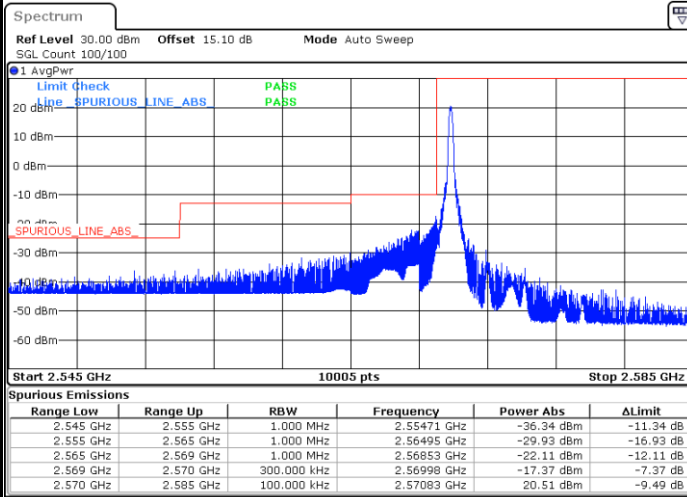


Date: 19.AUG.2022 10:24:55



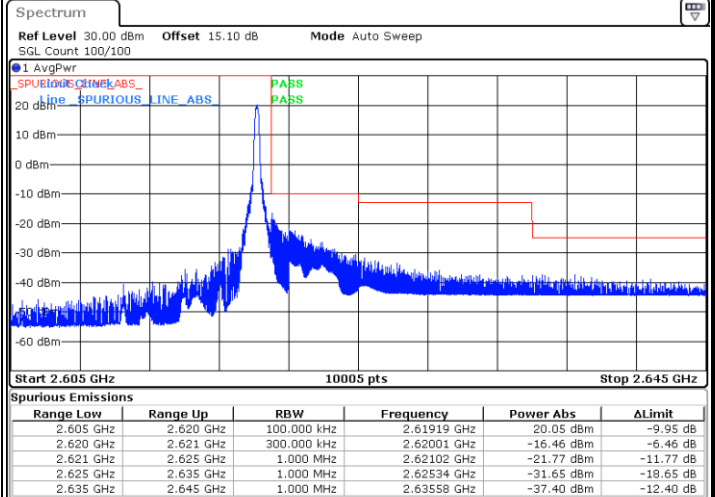
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



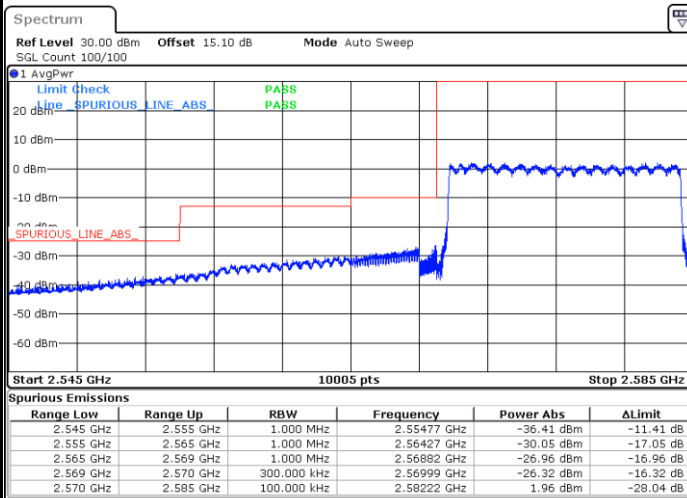
Date: 19.AUG.2022 10:27:51

Highest Band Edge / 1 RB



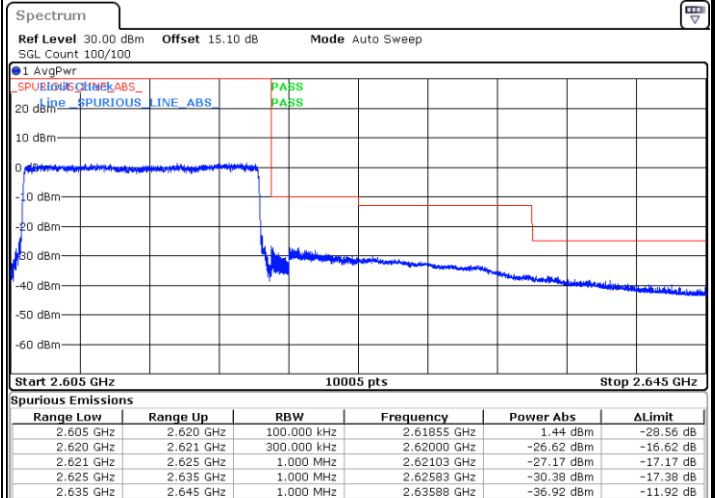
Date: 19.AUG.2022 10:30:47

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:28:50

Highest Band Edge / Full RB

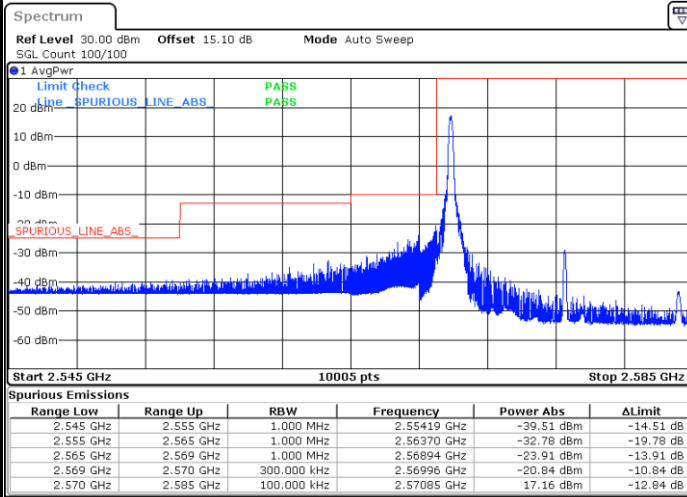


Date: 19.AUG.2022 10:29:49



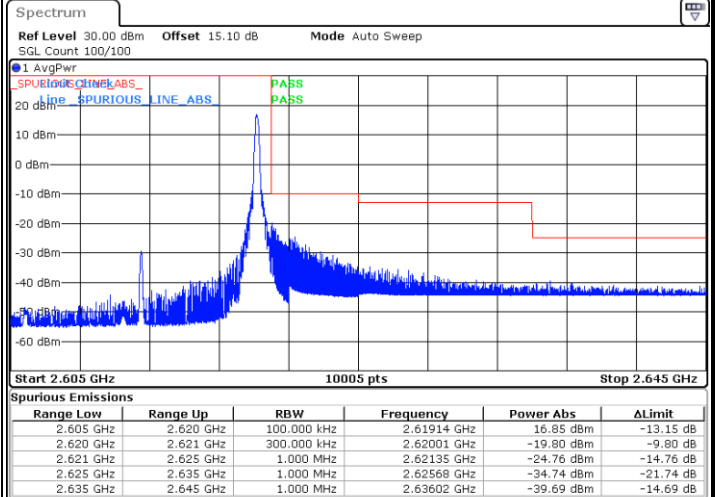
LTE Band 38 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



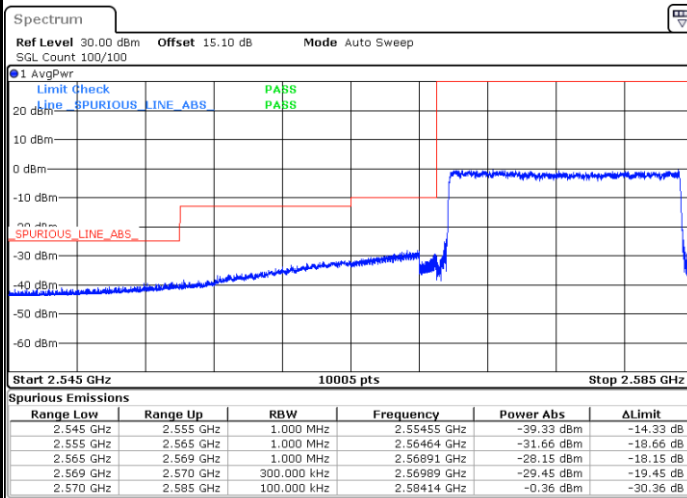
Date: 19.AUG.2022 11:09:30

Highest Band Edge / 1 RB



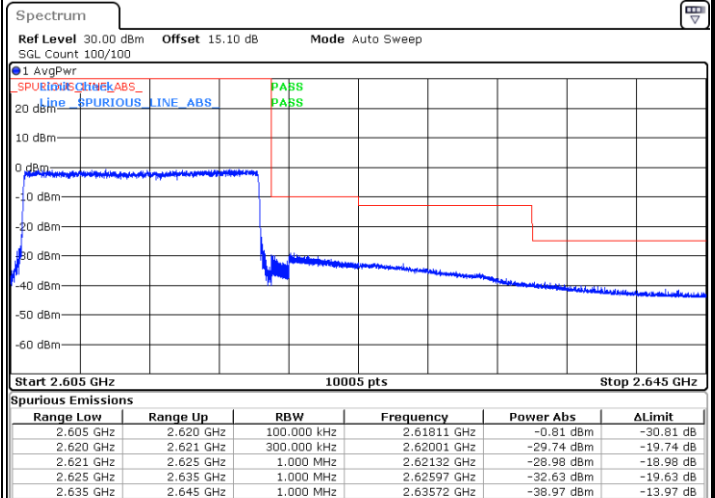
Date: 19.AUG.2022 11:12:36

Lowest Band Edge / Full RB



Date: 19.AUG.2022 11:10:31

Highest Band Edge / Full RB

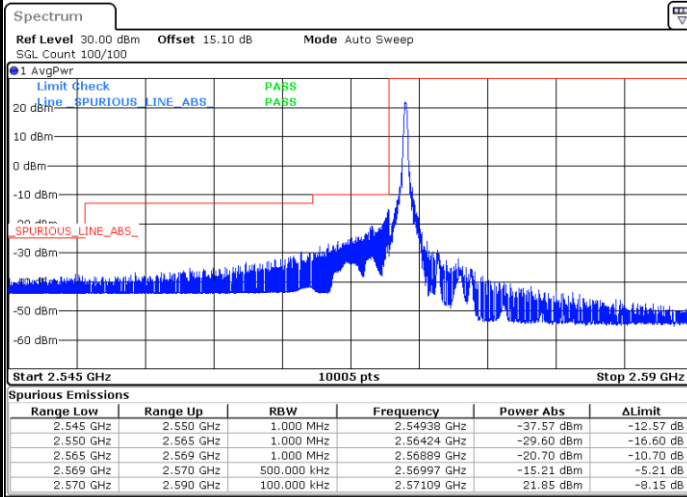


Date: 19.AUG.2022 11:11:34



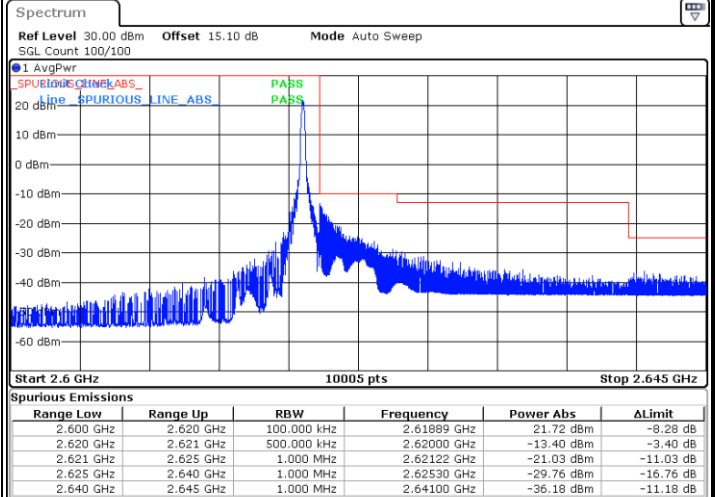
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



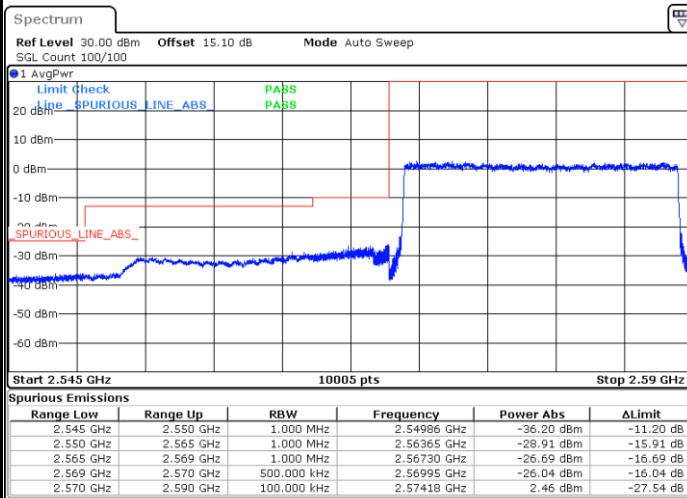
Date: 19.AUG.2022 10:33:17

Highest Band Edge / 1 RB



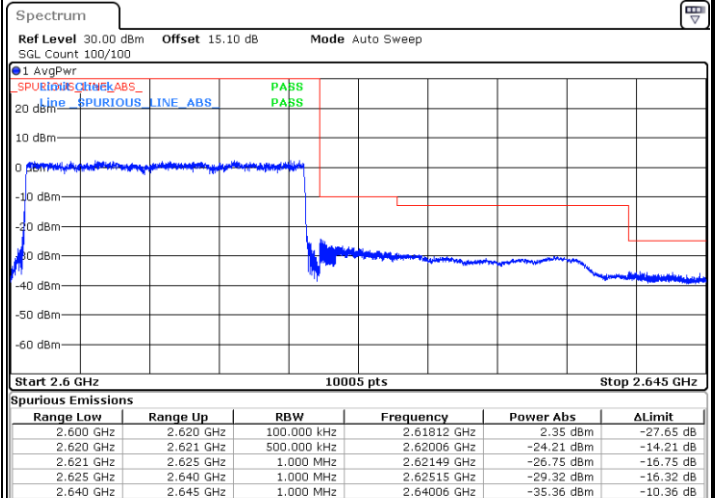
Date: 19.AUG.2022 10:39:09

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:35:14

Highest Band Edge / Full RB

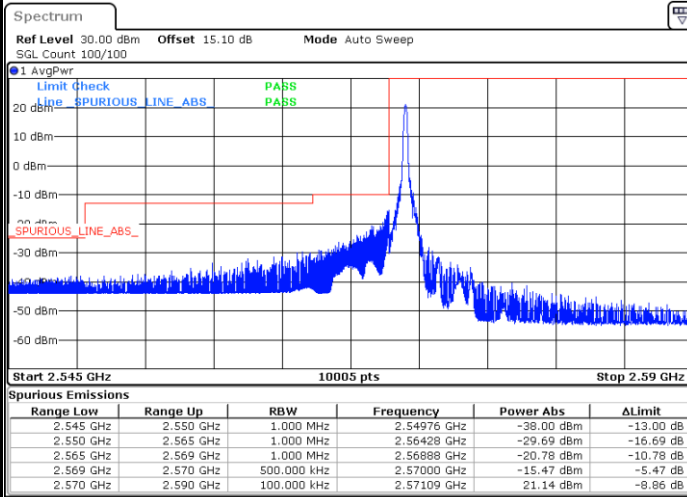


Date: 19.AUG.2022 10:37:12



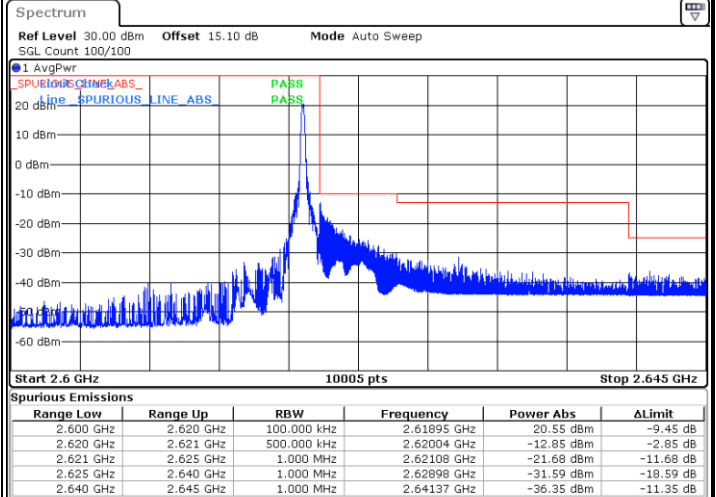
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



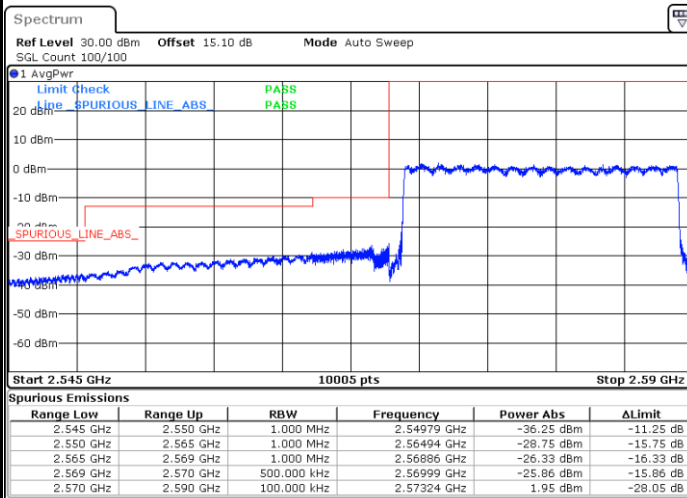
Date: 19.AUG.2022 10:34:16

Highest Band Edge / 1 RB



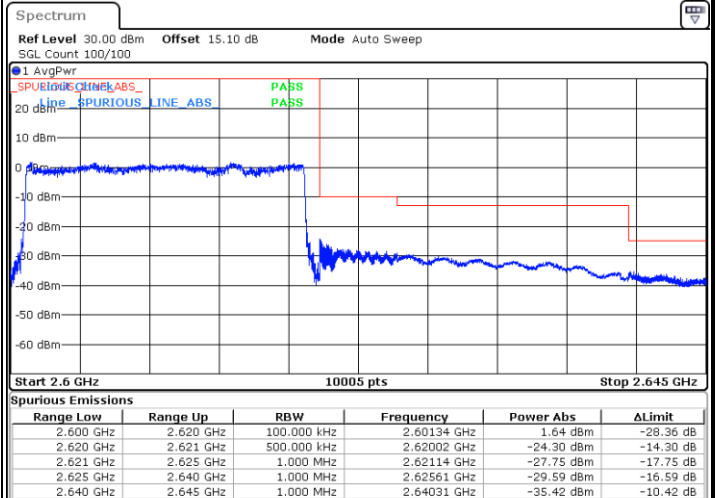
Date: 19.AUG.2022 10:40:08

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:36:13

Highest Band Edge / Full RB

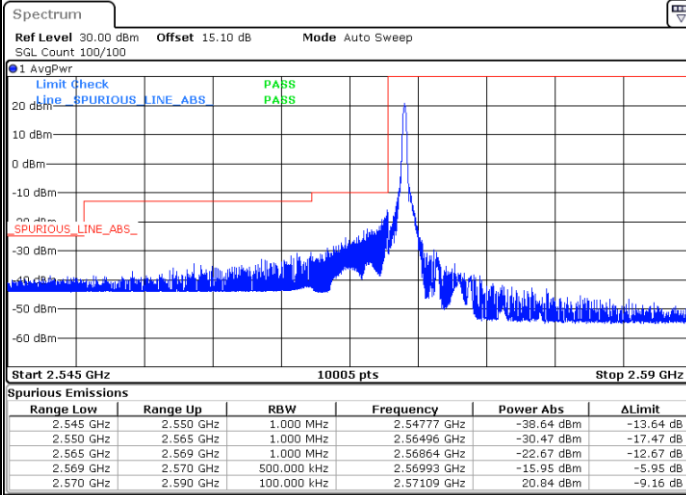


Date: 19.AUG.2022 10:38:10



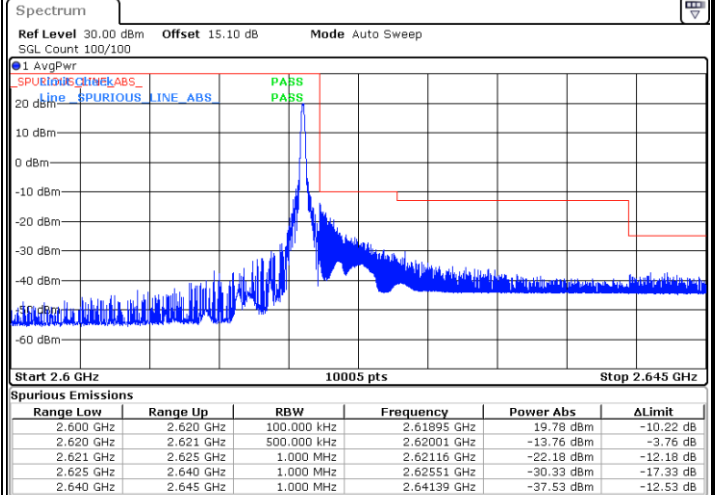
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



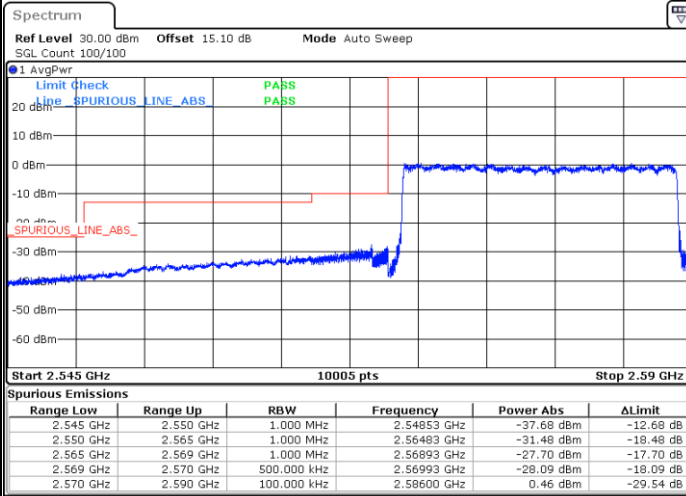
Date: 19.AUG.2022 10:41:07

Highest Band Edge / 1 RB



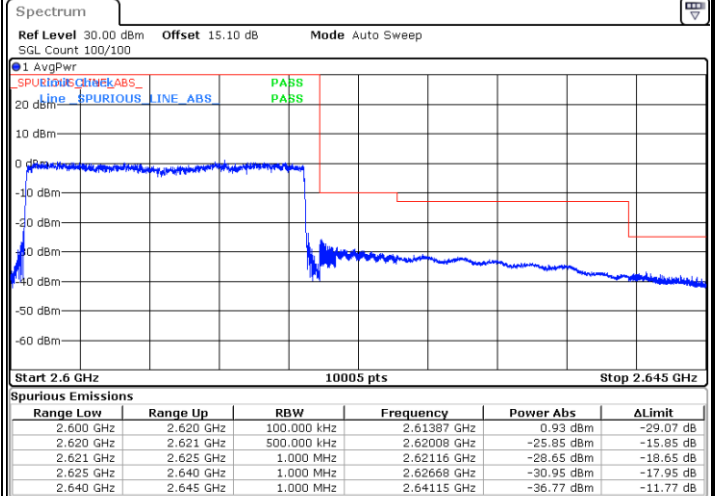
Date: 19.AUG.2022 10:44:03

Lowest Band Edge / Full RB



Date: 19.AUG.2022 10:42:05

Highest Band Edge / Full RB

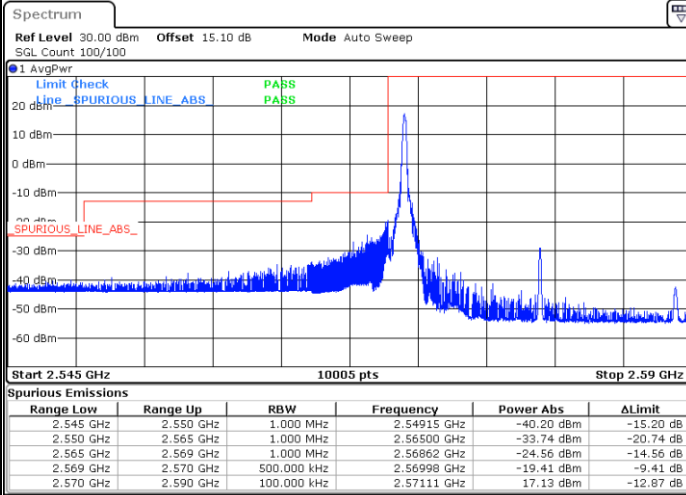


Date: 19.AUG.2022 10:43:04



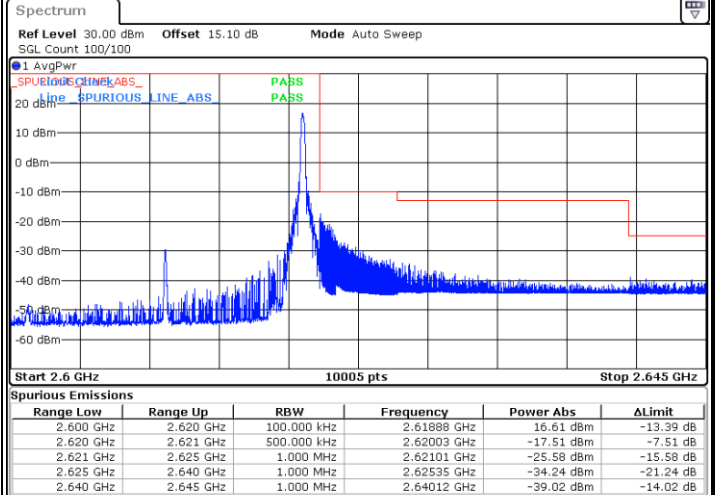
LTE Band 38 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



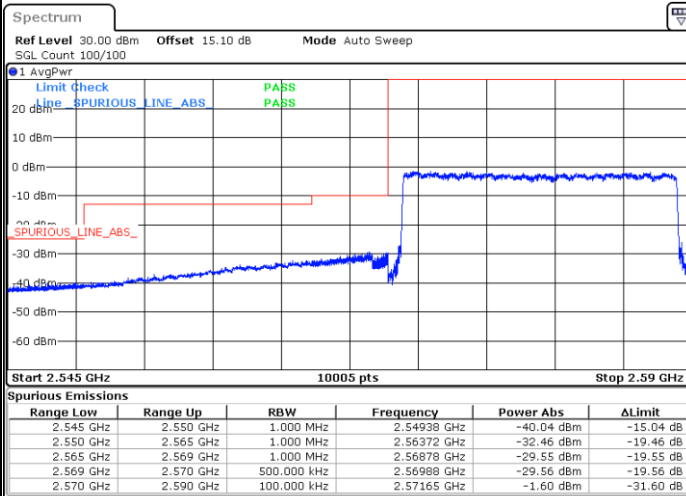
Date: 19.AUG.2022 11:13:39

Highest Band Edge / 1 RB



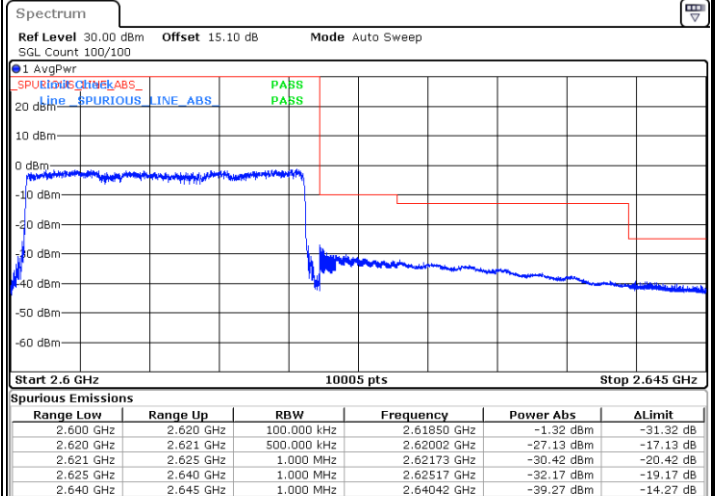
Date: 19.AUG.2022 11:16:45

Lowest Band Edge / Full RB



Date: 19.AUG.2022 11:14:41

Highest Band Edge / Full RB



Date: 19.AUG.2022 11:15:43