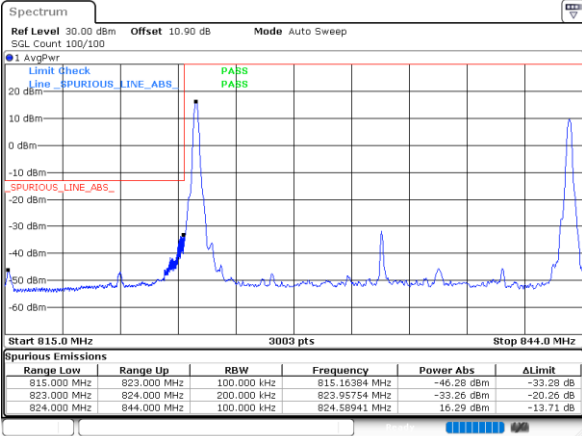




LTE Band 5B / 10MHz+10MHz

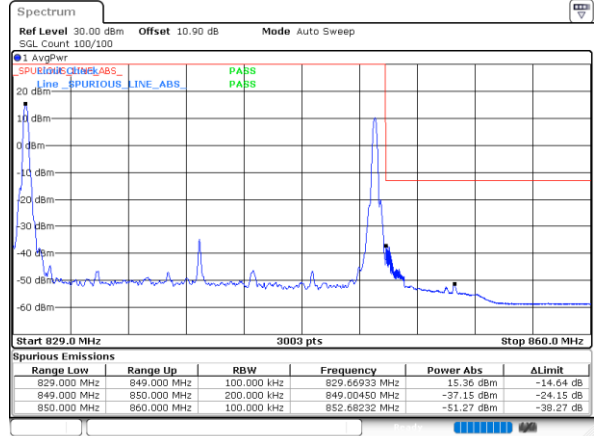
256QAM

Lowest Band Edge / 1RB0 and 1RB49



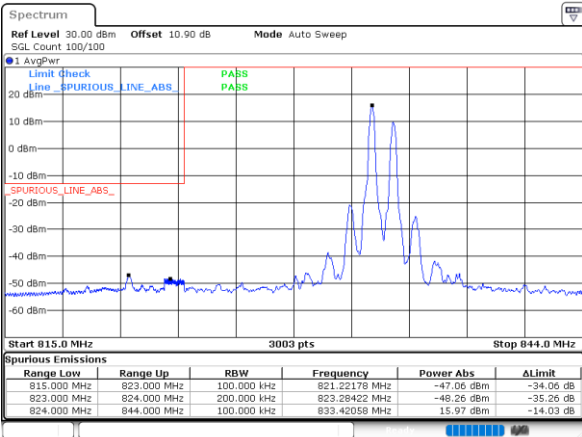
Date: 15.NOV.2021 14:37:11

Highest Band Edge / 1RB0 and 1RB49



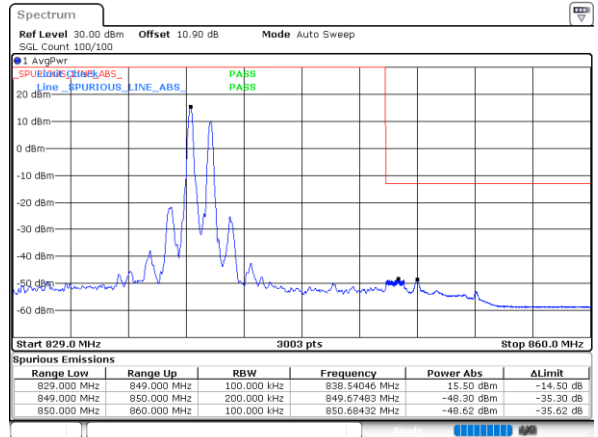
Date: 15.NOV.2021 15:15:03

Lowest Band Edge / 1RB49 and 1RB0



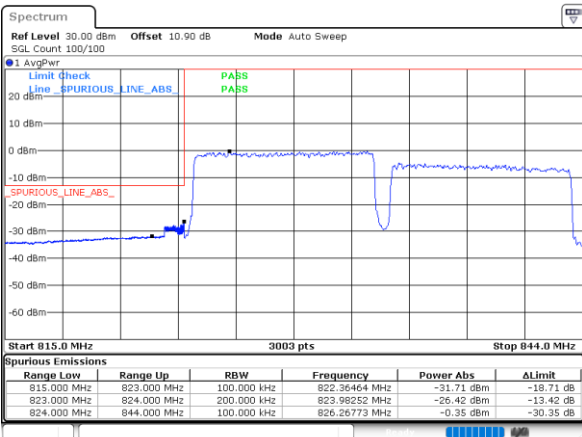
Date: 15.NOV.2021 14:39:09

Highest Band Edge / 1RB49 and 1RB0



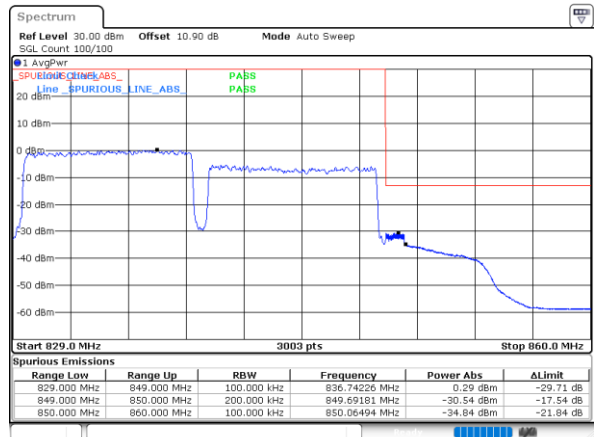
Date: 15.NOV.2021 15:17:01

Lowest Band Edge / Full RB



Date: 15.NOV.2021 14:35:13

Highest Band Edge / Full RB



Date: 15.NOV.2021 15:13:06



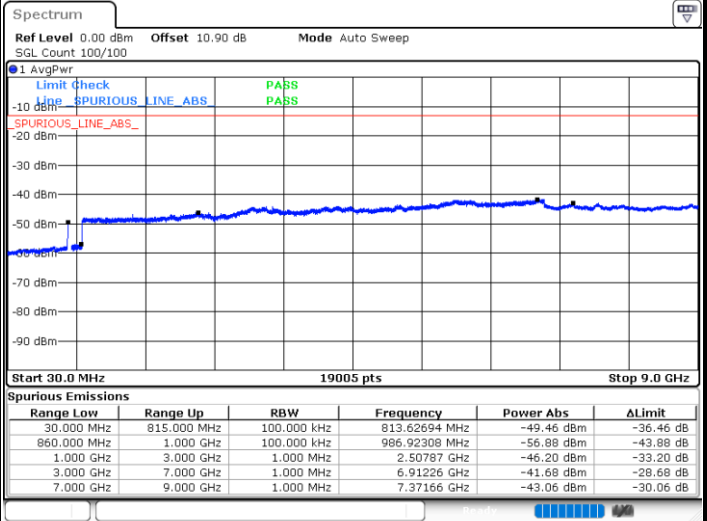
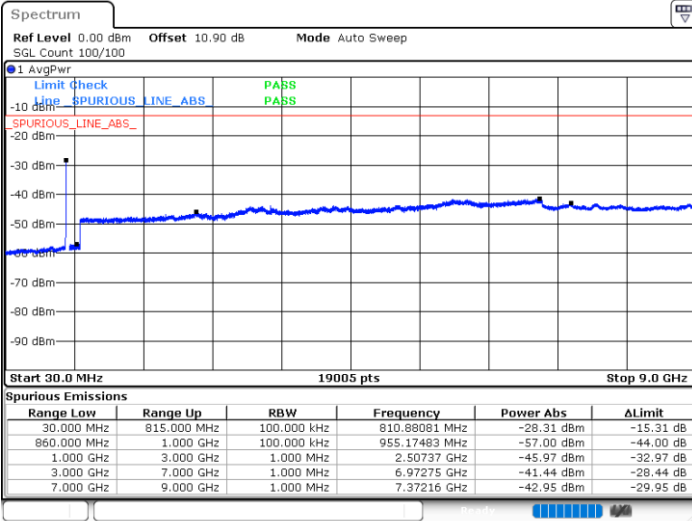
# Conducted Spurious Emission

## LTE Band 5B / 5MHz+10MHz

### QPSK

#### Lowest Channel / 1RB0 and 1RB49

#### Lowest Channel / 1RB24 and 1RB0

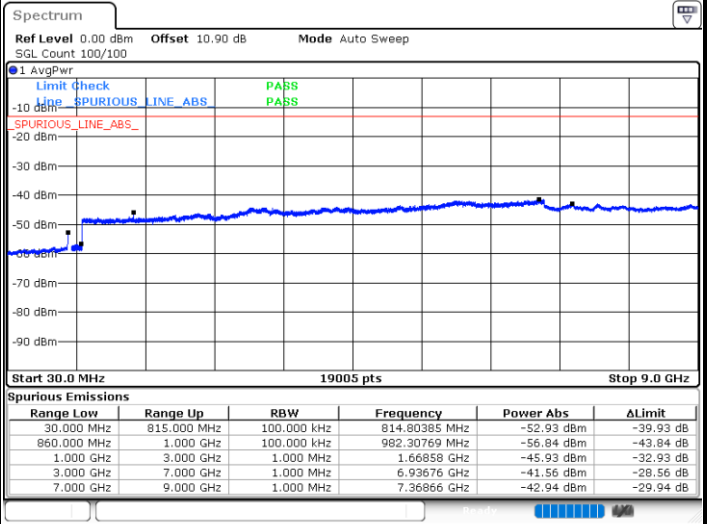
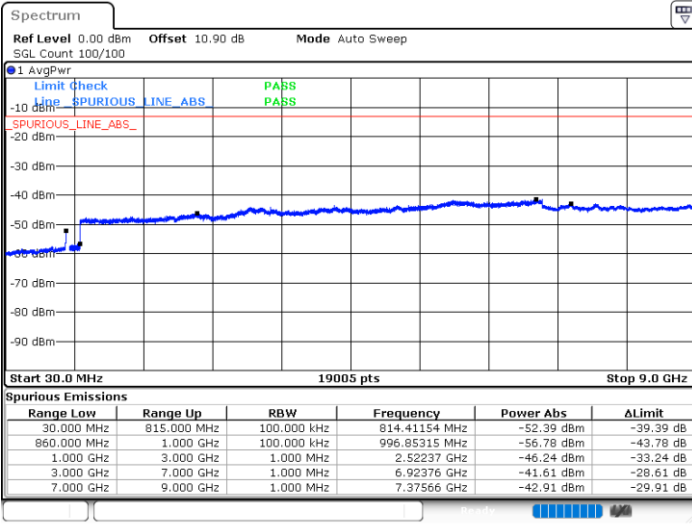


Date: 15.NOV.2021 15:43:01

Date: 15.NOV.2021 15:42:19

#### Middle Channel / 1RB0 and 1RB49

#### Middle Channel / 1RB24 and 1RB0



Date: 15.NOV.2021 15:21:25

Date: 15.NOV.2021 15:22:07

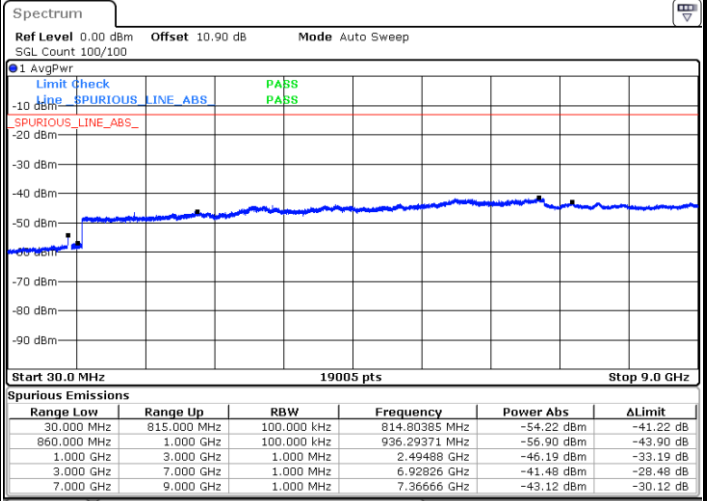
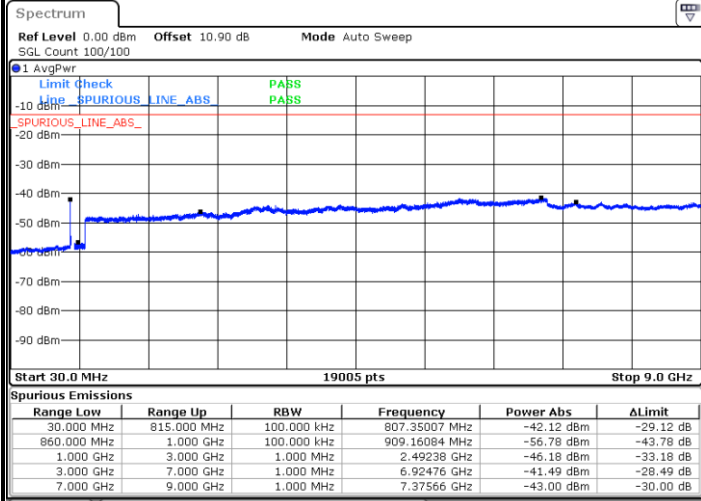


LTE Band 5B / 5MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



Date: 15.NOV.2021 16:10:05

Date: 15.NOV.2021 16:09:24

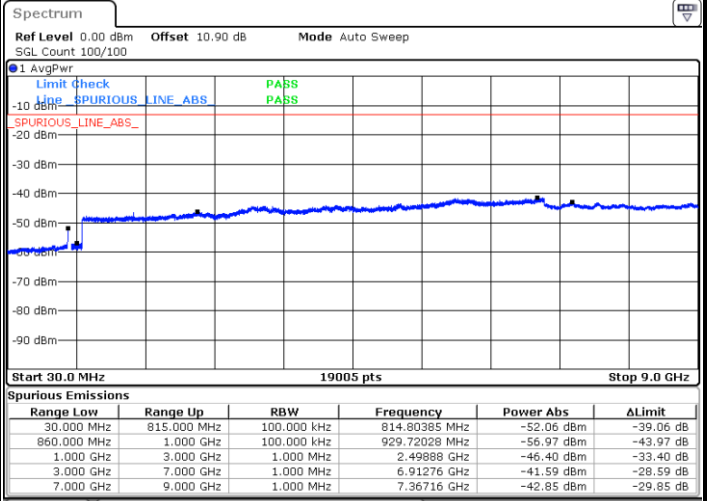
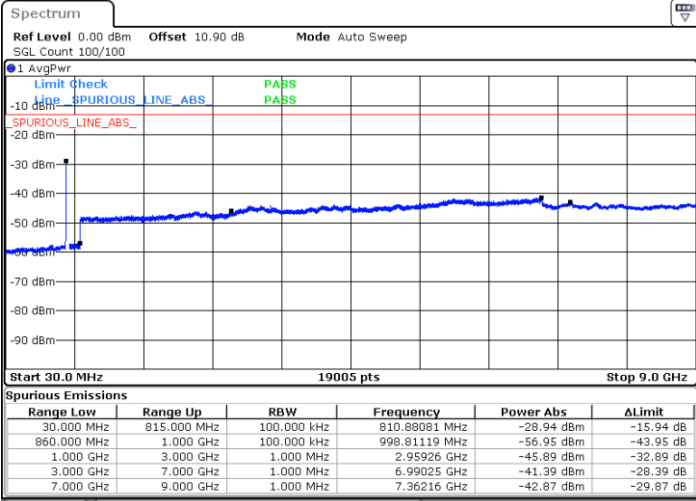


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0

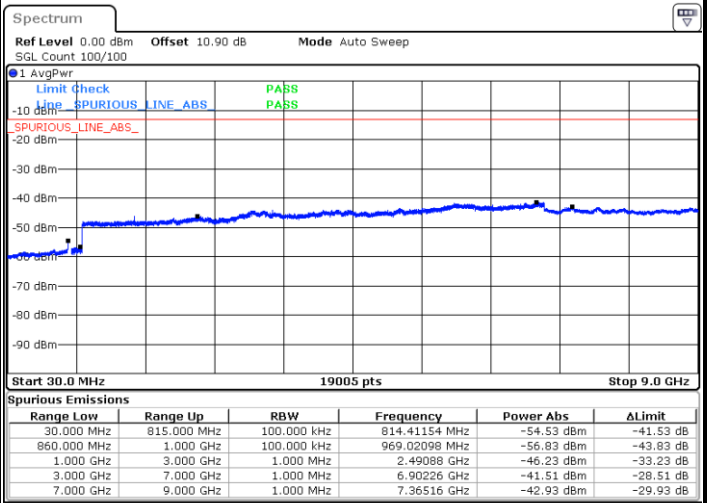
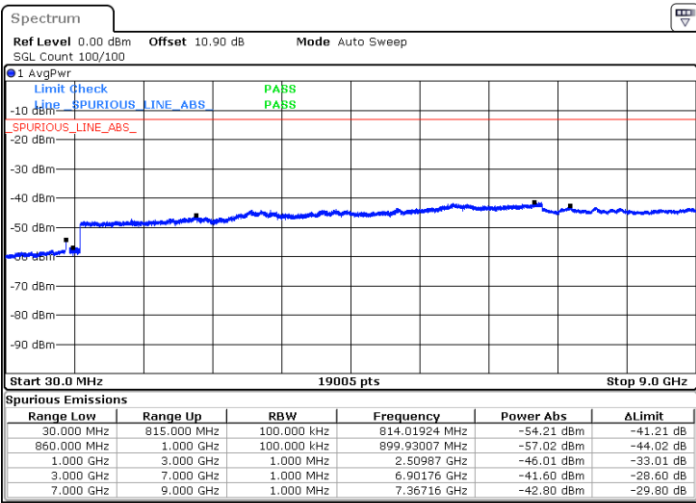


Date: 15.NOV.2021 17:00:00

Date: 15.NOV.2021 16:59:18

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



Date: 15.NOV.2021 17:13:35

Date: 15.NOV.2021 17:14:16

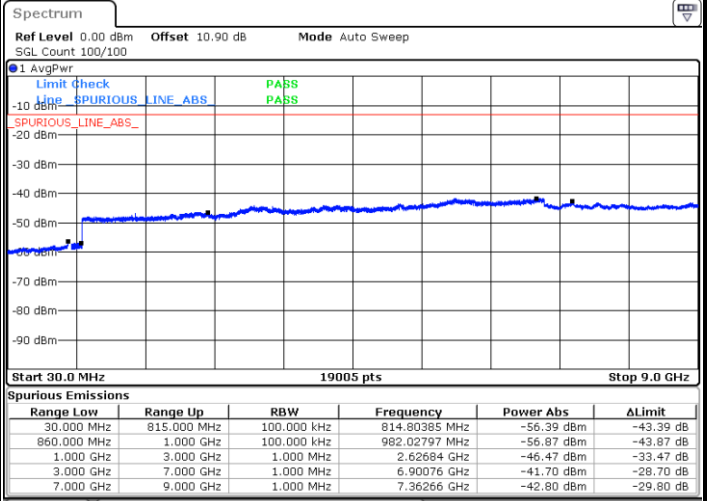
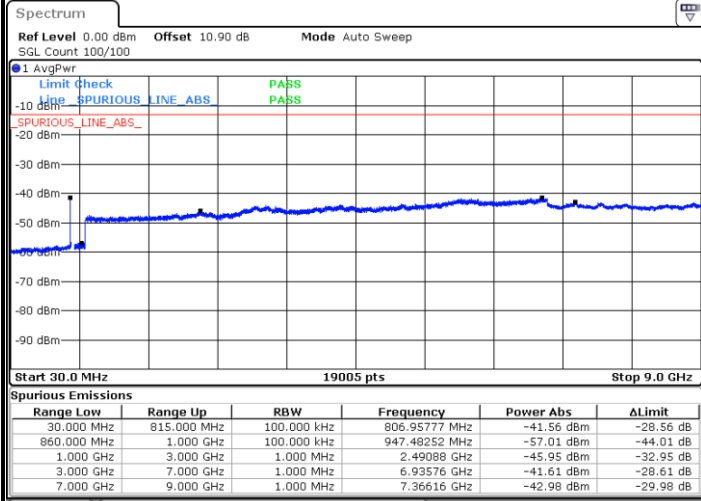


LTE Band 5B / 10MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0



Date: 15.NOV.2021 17:35:39

Date: 15.NOV.2021 17:34:57

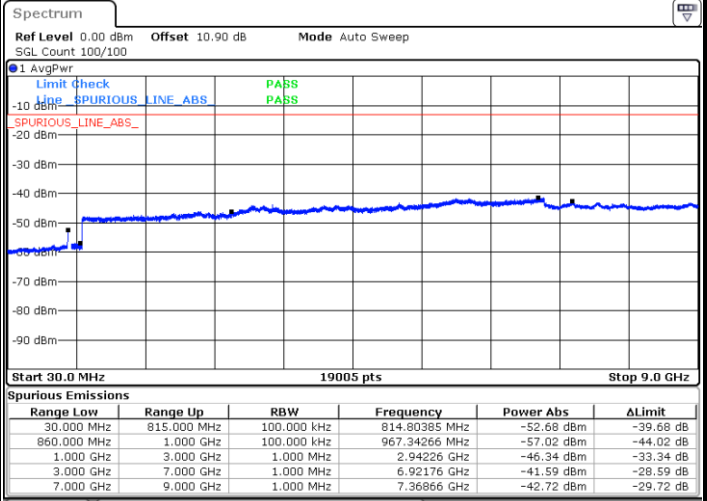
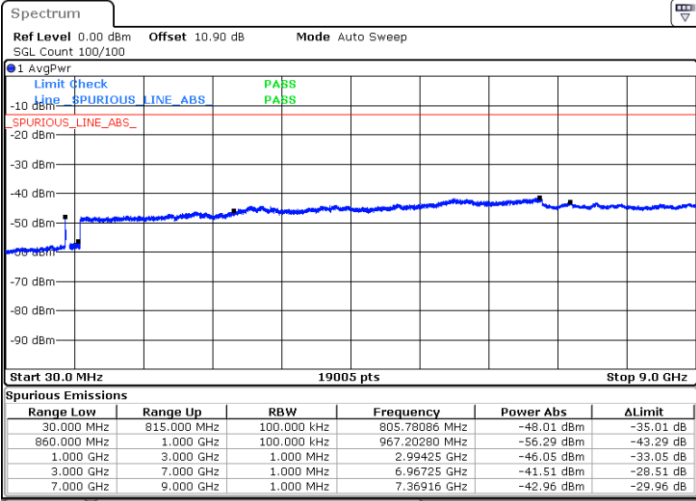


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0

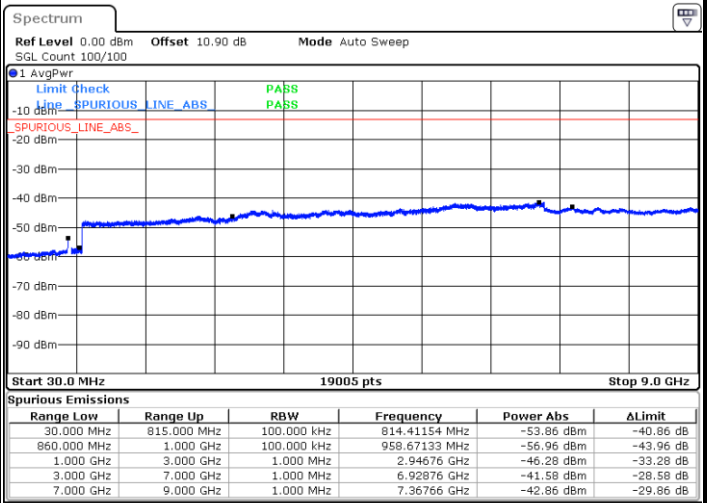
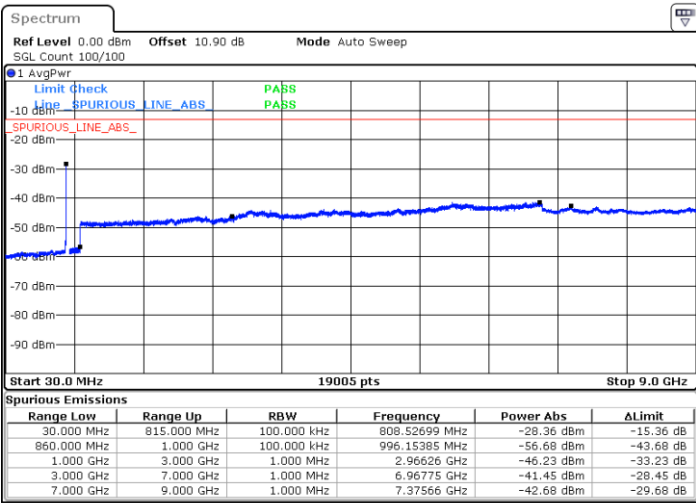


Date: 15.NOV.2021 14:33:13

Date: 15.NOV.2021 14:32:32

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Date: 15.NOV.2021 14:11:56

Date: 15.NOV.2021 14:12:37

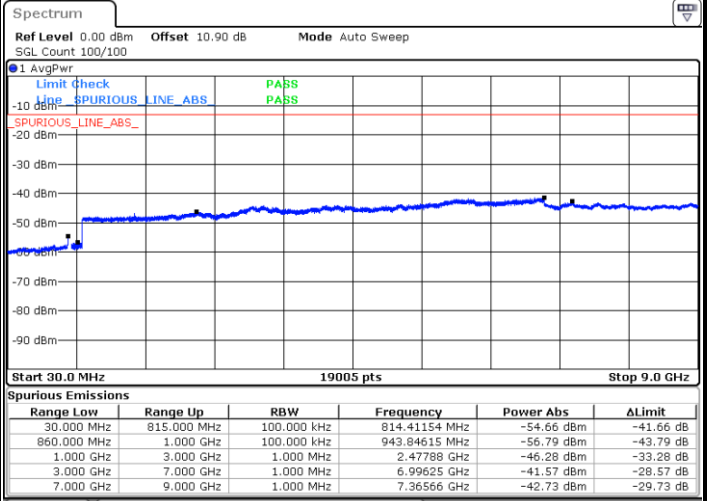
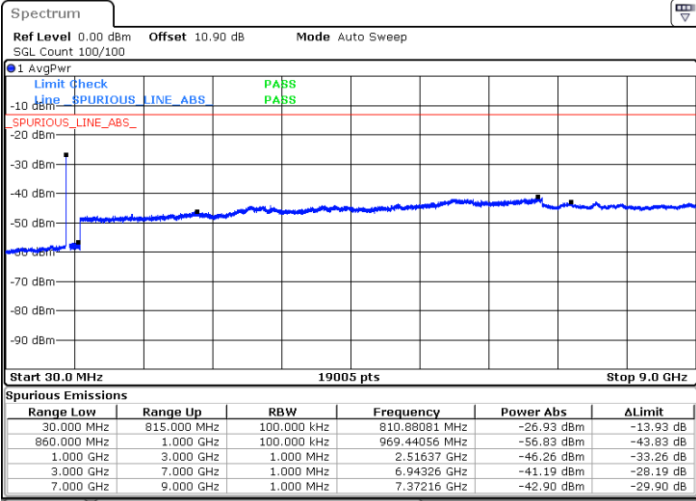


LTE Band 5B / 10MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Date: 15.NOV.2021 15:11:06

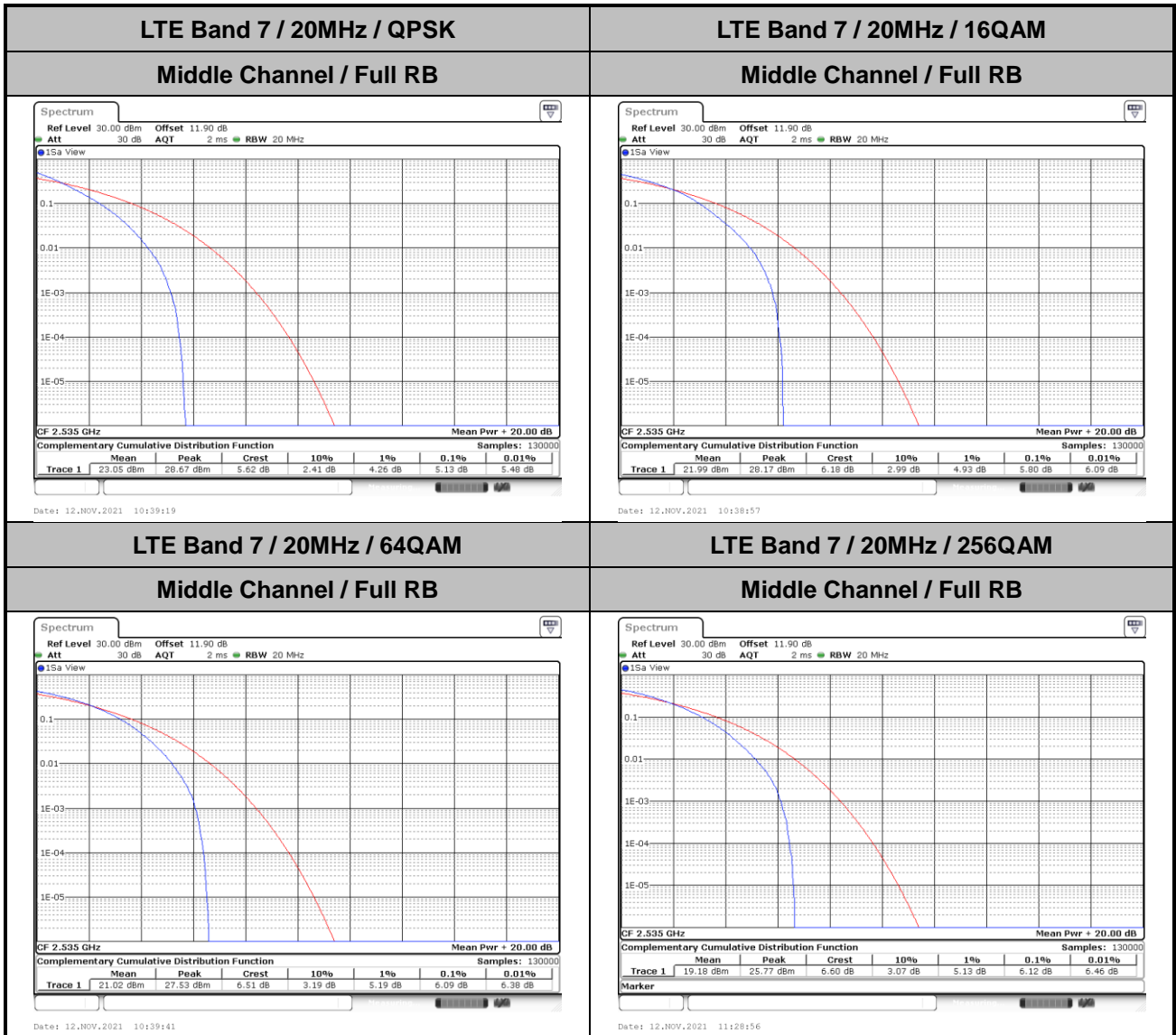
Date: 15.NOV.2021 15:10:25



# LTE Band 7

## Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.13	5.80	6.09	6.12	PASS







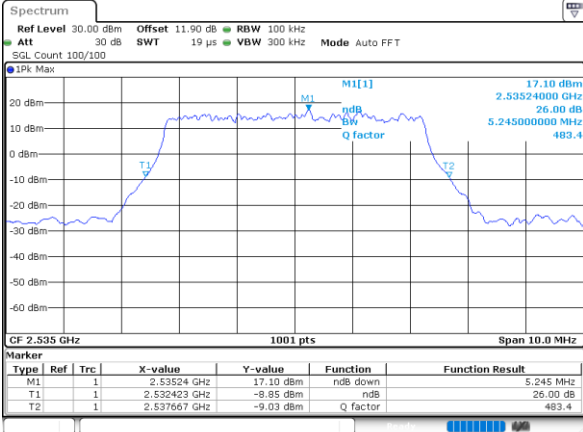
**26dB Bandwidth**

Mode	LTE Band 7 : 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	-	-	-	-	5.25	5.36	10.11	9.75	15.02	15.05	19.30	19.34
Mode	LTE Band 7 : 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	-	-	-	-	5.17	5.13	9.85	9.99	15.14	14.36	19.02	19.30



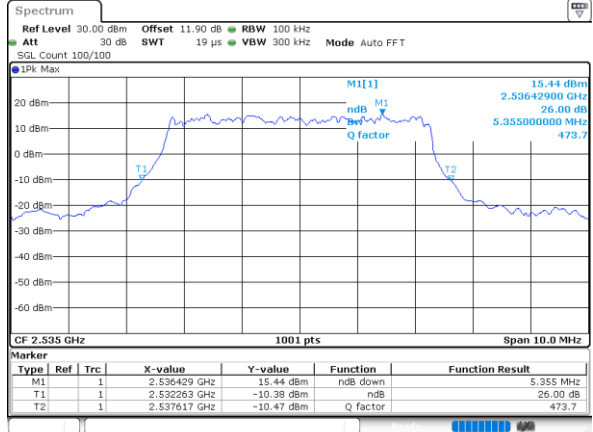
LTE Band 7

Middle Channel / 5MHz / QPSK



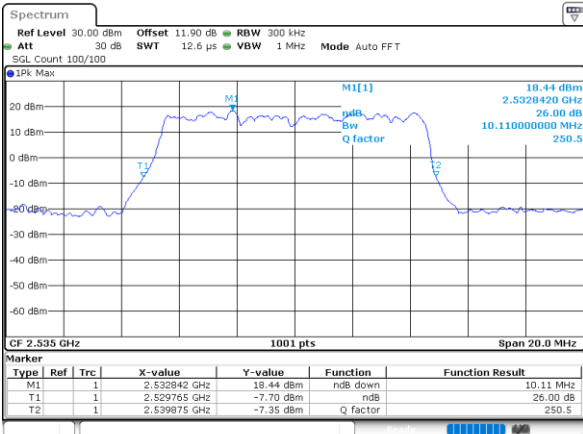
Date: 12.NOV.2021 09:58:25

Middle Channel / 5MHz / 16QAM



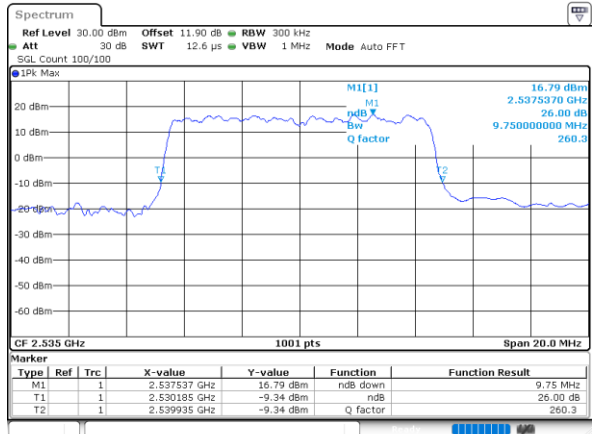
Date: 12.NOV.2021 09:58:46

Middle Channel / 10MHz / QPSK



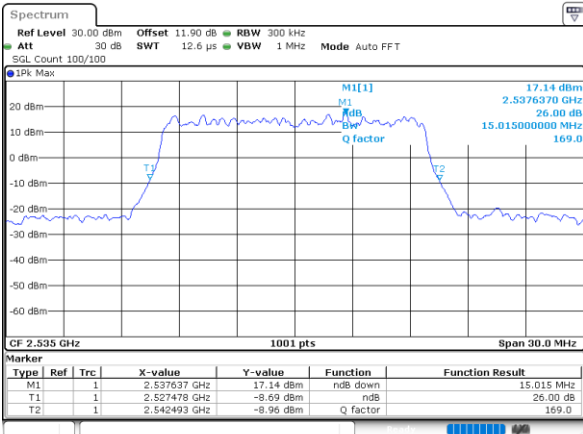
Date: 12.NOV.2021 10:08:52

Middle Channel / 10MHz / 16QAM



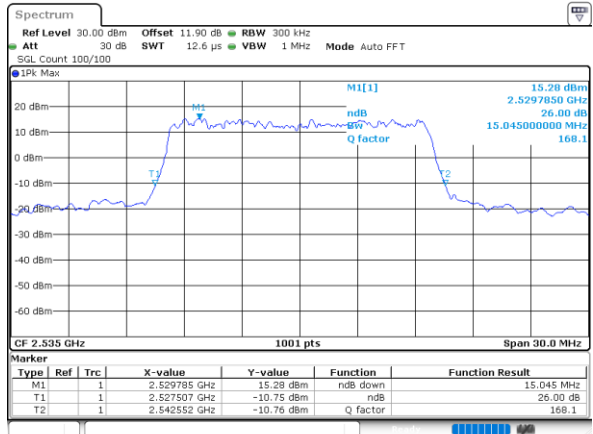
Date: 12.NOV.2021 10:08:13

Middle Channel / 15MHz / QPSK



Date: 12.NOV.2021 10:19:20

Middle Channel / 15MHz / 16QAM

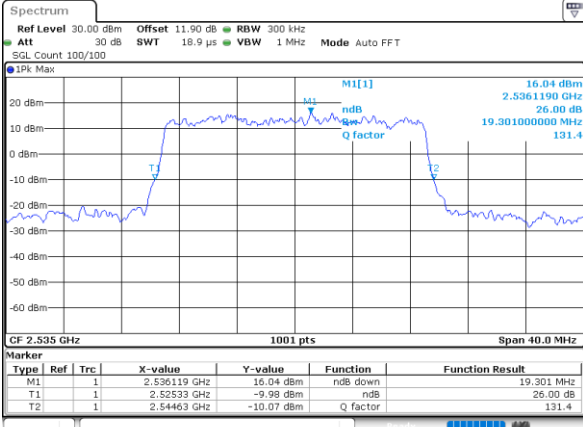


Date: 12.NOV.2021 10:19:41



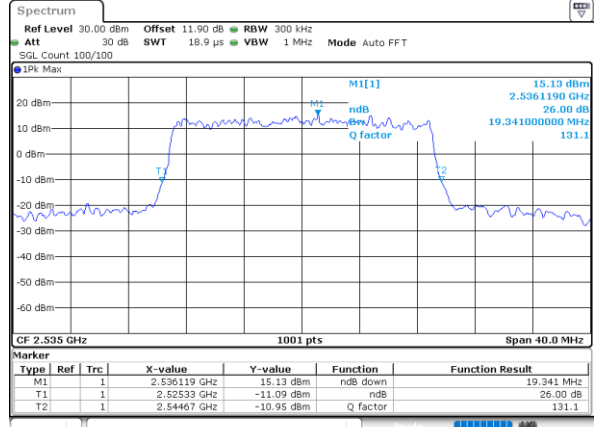
LTE Band 7

Middle Channel / 20MHz / QPSK



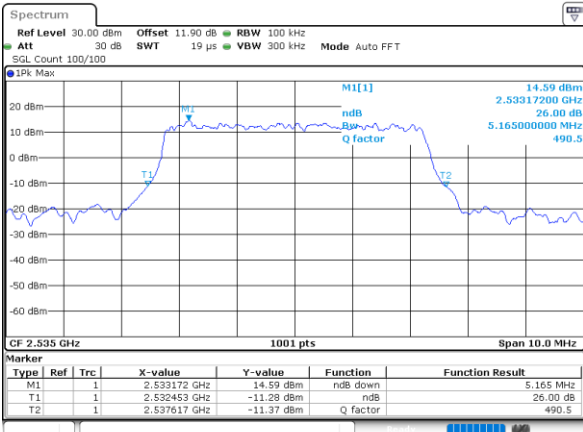
Date: 12.NOV.2021 10:32:08

Middle Channel / 20MHz / 16QAM



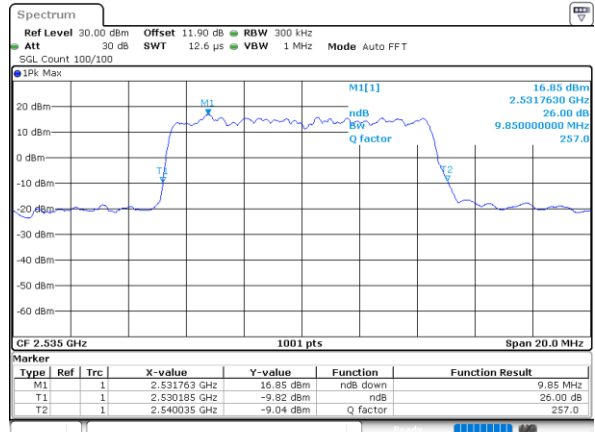
Date: 12.NOV.2021 10:32:29

Middle Channel / 5MHz / 64QAM



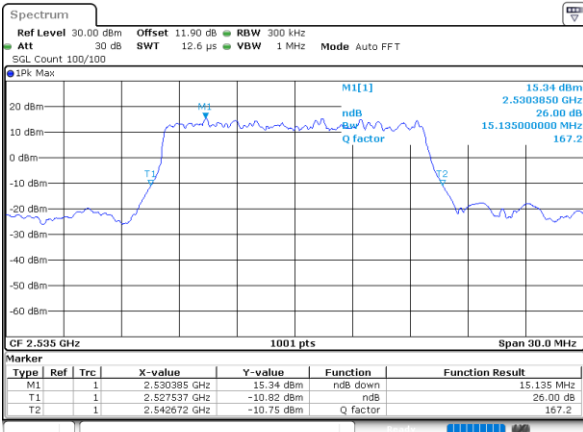
Date: 12.NOV.2021 10:04:01

Middle Channel / 10MHz / 64QAM



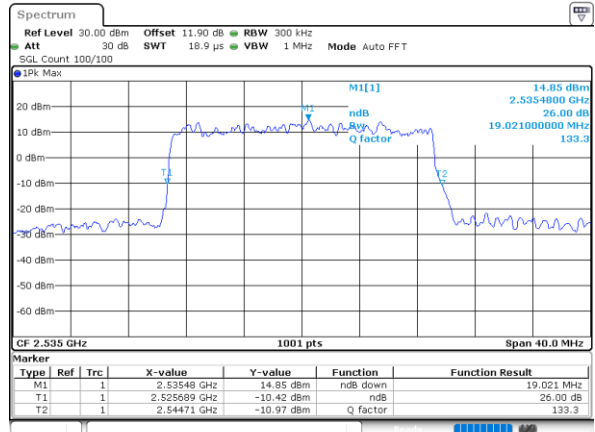
Date: 12.NOV.2021 10:14:26

Middle Channel / 15MHz / 64QAM



Date: 12.NOV.2021 10:24:56

Middle Channel / 20MHz / 64QAM

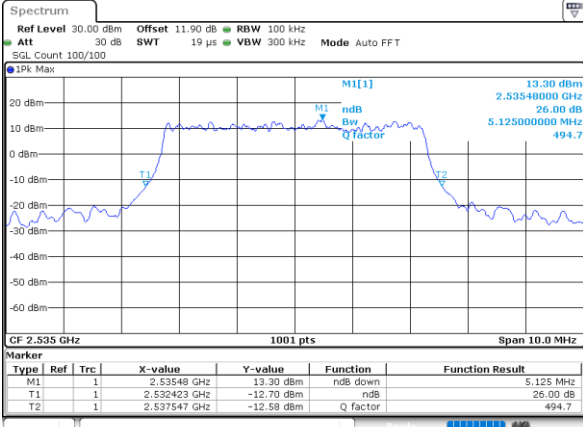


Date: 12.NOV.2021 10:57:44



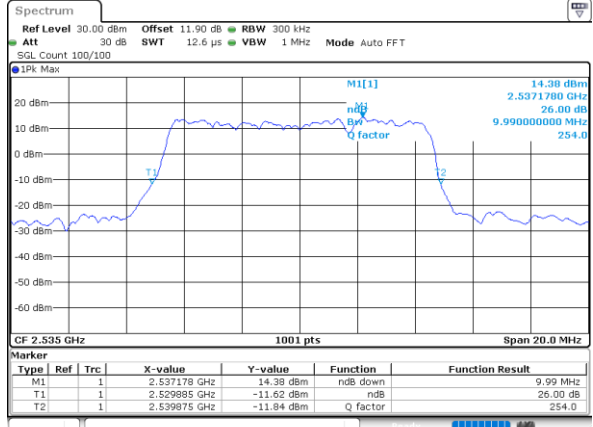
LTE Band 7

Middle Channel / 5MHz / 256QAM



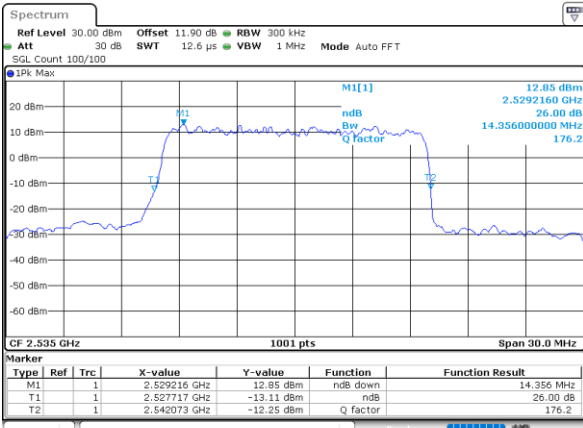
Date: 12.NOV.2021 11:36:54

Middle Channel / 10MHz / 256QAM



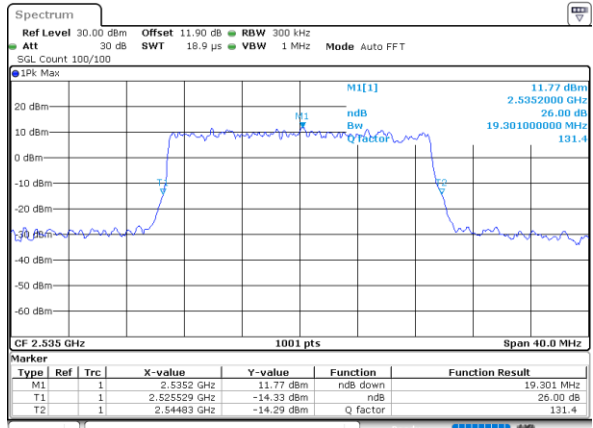
Date: 12.NOV.2021 11:33:34

Middle Channel / 15MHz / 256QAM



Date: 12.NOV.2021 11:25:00

Middle Channel / 20MHz / 256QAM



Date: 12.NOV.2021 11:28:46



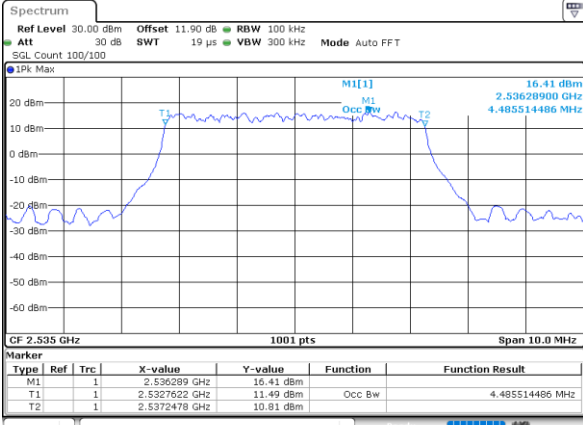
**Occupied Bandwidth**

Mode	LTE Band 7 : 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	4.52	9.01	9.07	13.49	13.40	17.90	17.82
Mode	LTE Band 7 : 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	-	-	-	-	4.53	4.50	9.05	9.07	13.52	13.40	17.94	17.98



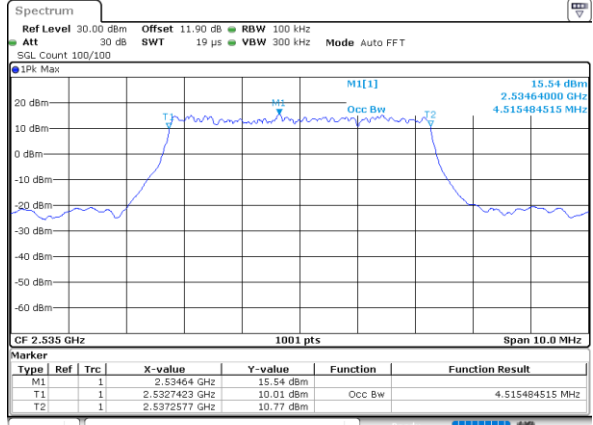
LTE Band 7

Middle Channel / 5MHz / QPSK



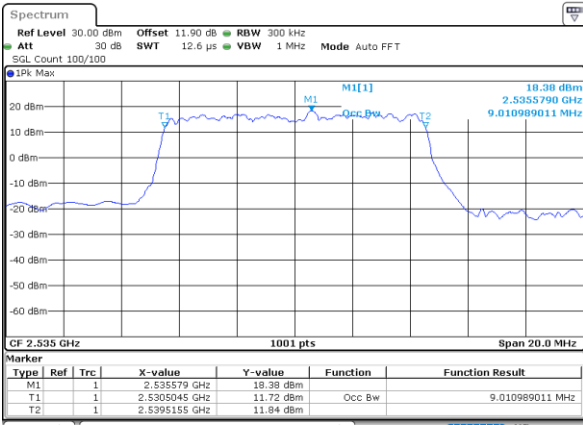
Date: 12.NOV.2021 09:57:43

Middle Channel / 5MHz / 16QAM



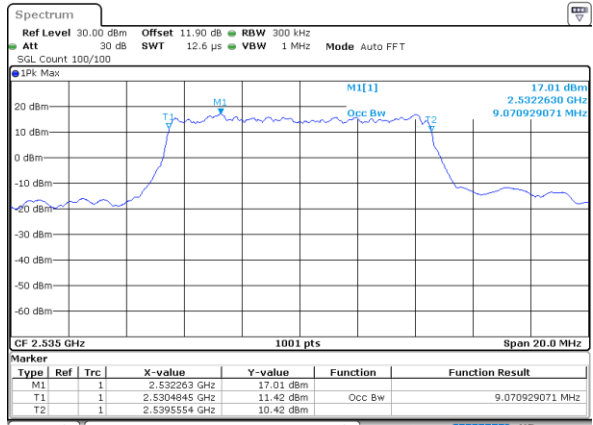
Date: 12.NOV.2021 09:58:04

Middle Channel / 10MHz / QPSK



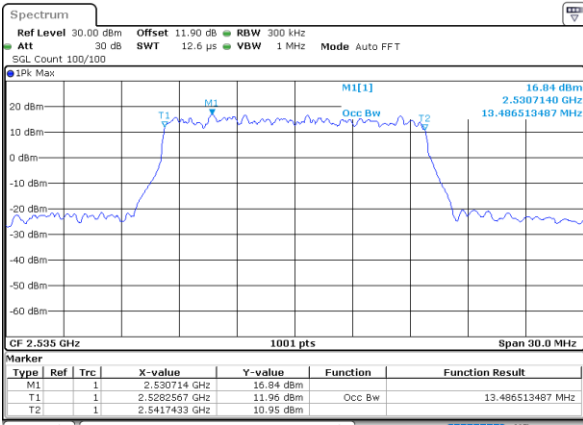
Date: 12.NOV.2021 10:08:10

Middle Channel / 10MHz / 16QAM



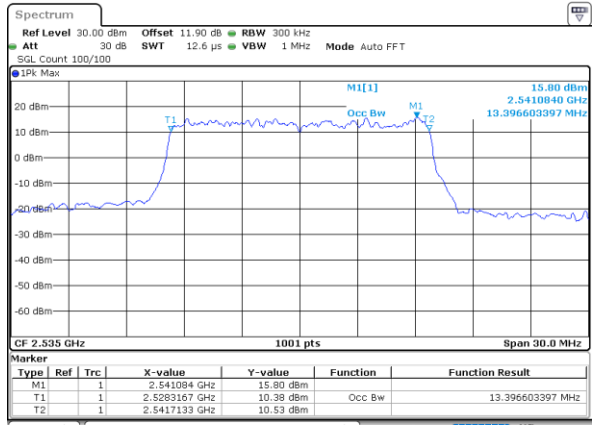
Date: 12.NOV.2021 10:08:31

Middle Channel / 15MHz / QPSK



Date: 12.NOV.2021 10:18:39

Middle Channel / 15MHz / 16QAM

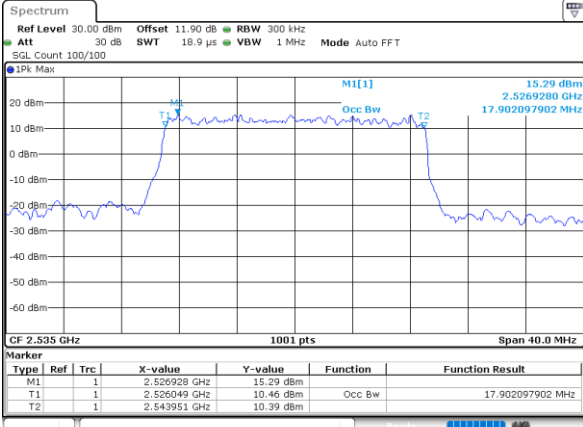


Date: 12.NOV.2021 10:19:00



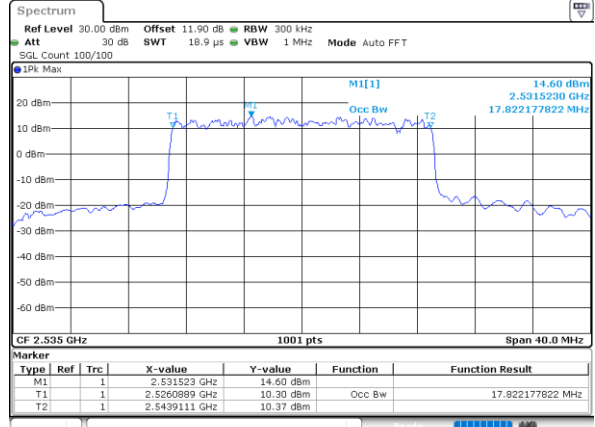
LTE Band 7

Middle Channel / 20MHz / QPSK



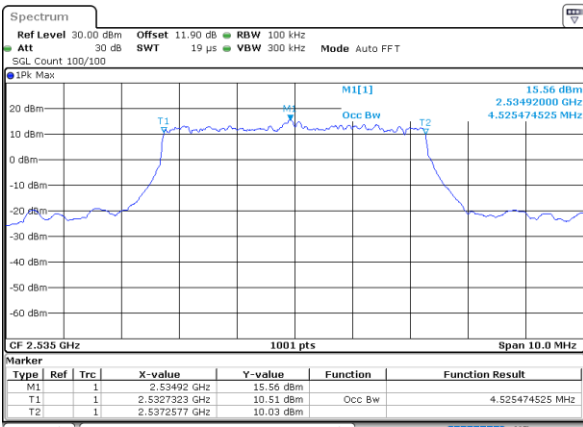
Date: 12.NOV.2021 10:31:27

Middle Channel / 20MHz / 16QAM



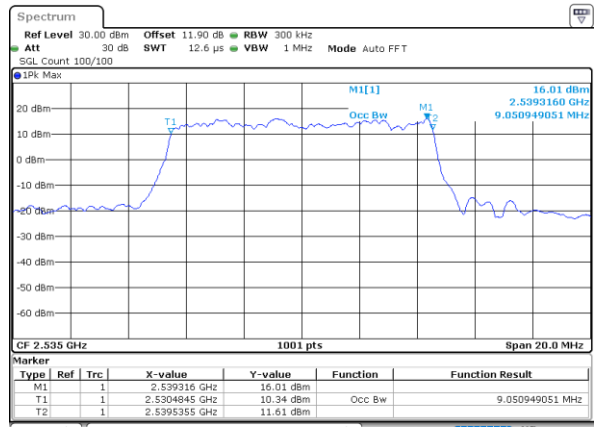
Date: 12.NOV.2021 10:31:48

Middle Channel / 5MHz / 64QAM



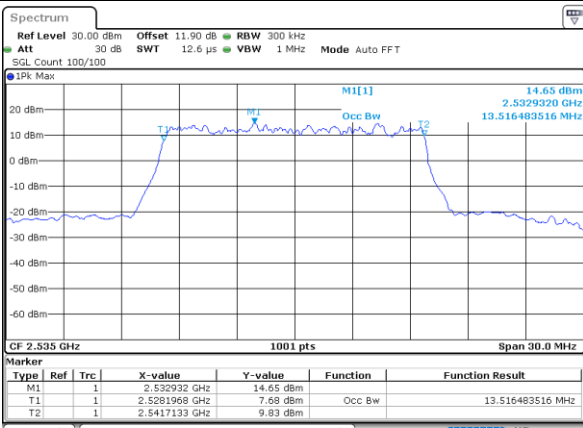
Date: 12.NOV.2021 10:03:40

Middle Channel / 10MHz / 64QAM



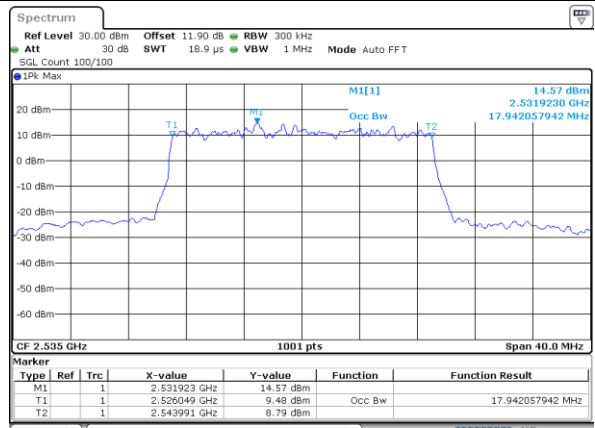
Date: 12.NOV.2021 10:14:05

Middle Channel / 15MHz / 64QAM



Date: 12.NOV.2021 10:24:35

Middle Channel / 20MHz / 64QAM

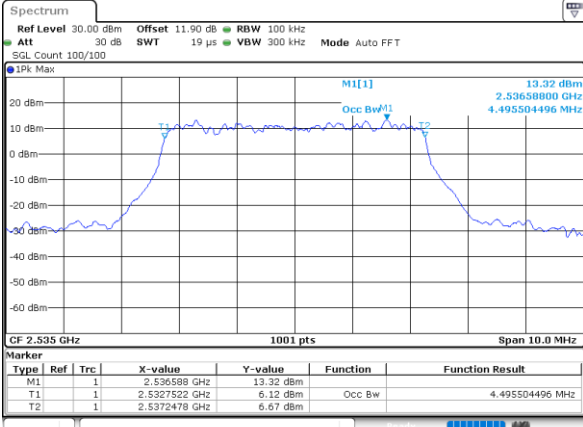


Date: 12.NOV.2021 10:37:23

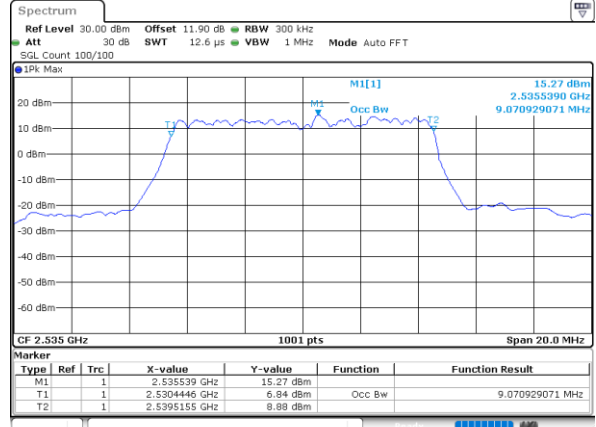


LTE Band 7

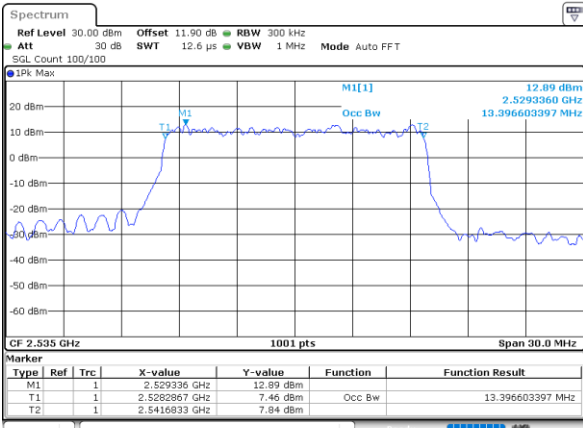
Middle Channel / 5MHz / 256QAM



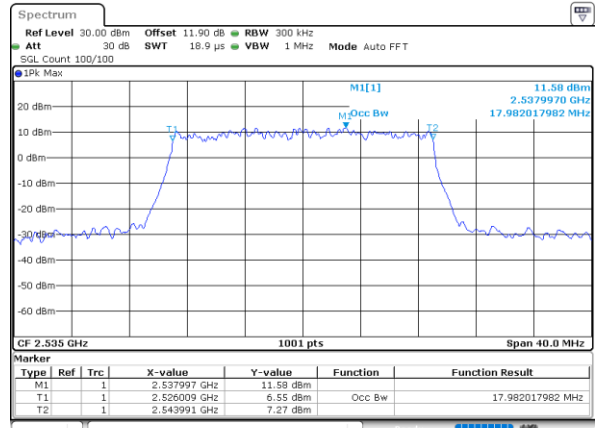
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



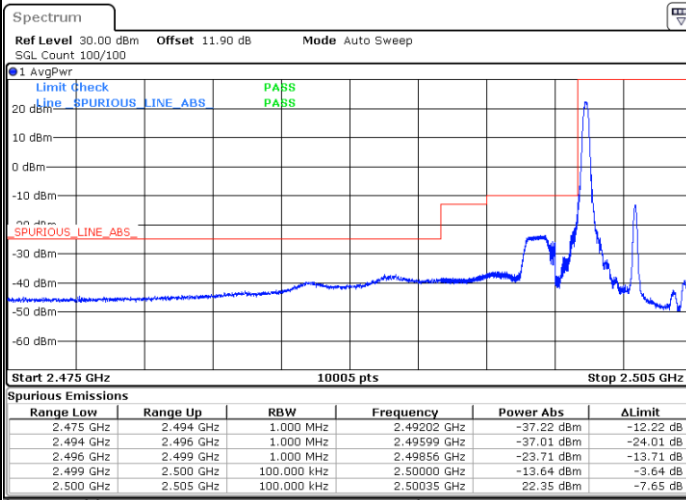




# Conducted Band Edge

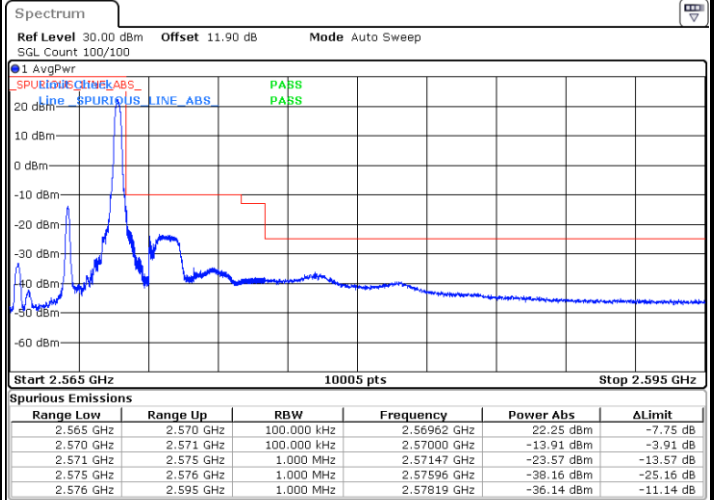
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



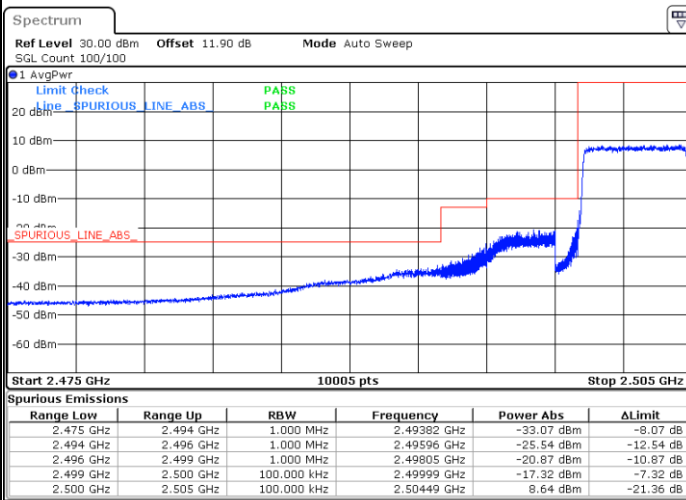
Date: 12.NOV.2021 09:55:04

### Highest Band Edge / 1 RB



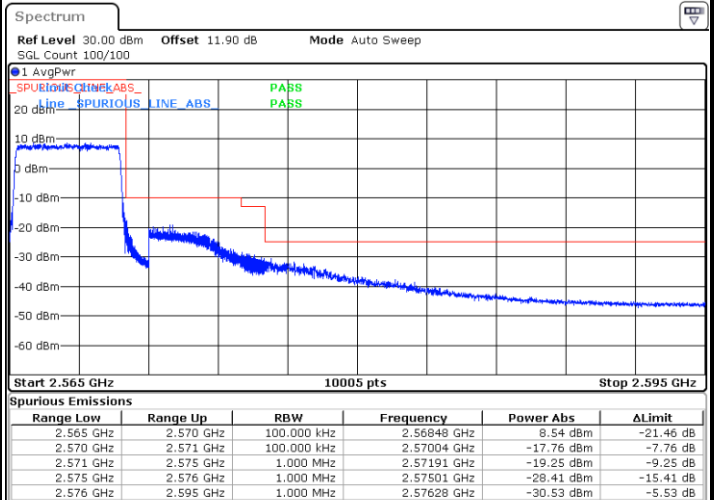
Date: 12.NOV.2021 10:00:10

### Lowest Band Edge / Full RB



Date: 12.NOV.2021 09:55:56

### Highest Band Edge / Full RB

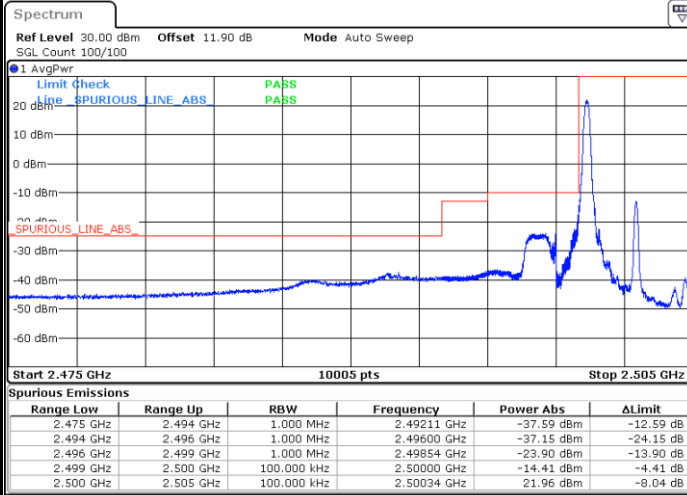


Date: 12.NOV.2021 10:01:01



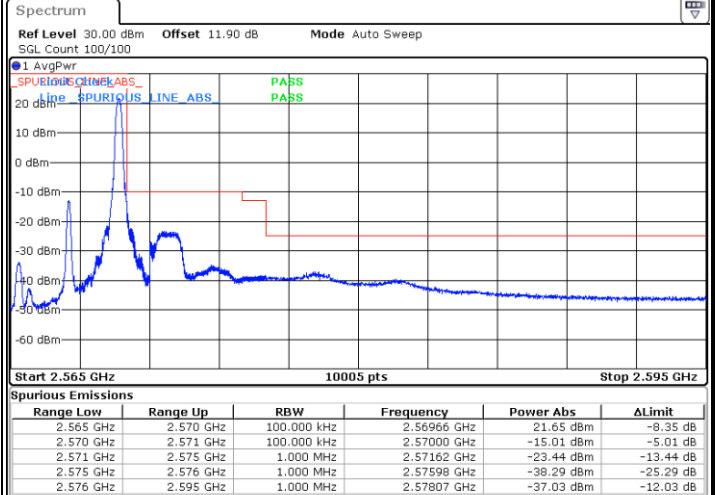
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



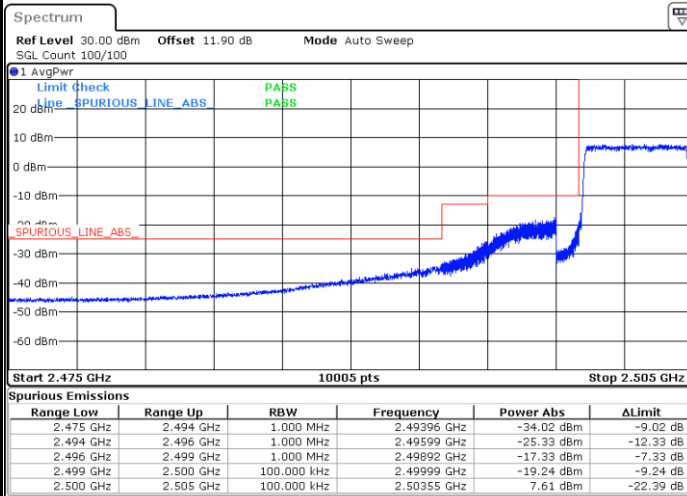
Date: 12.NOV.2021 09:55:30

Highest Band Edge / 1 RB



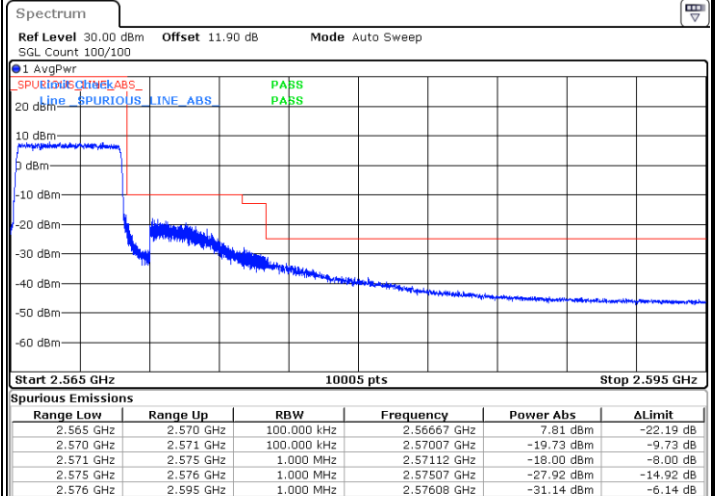
Date: 12.NOV.2021 10:00:35

Lowest Band Edge / Full RB



Date: 12.NOV.2021 09:56:22

Highest Band Edge / Full RB

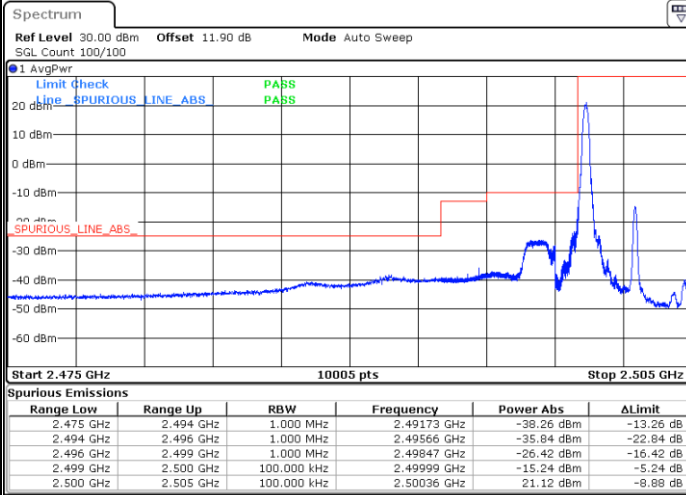


Date: 12.NOV.2021 10:01:27



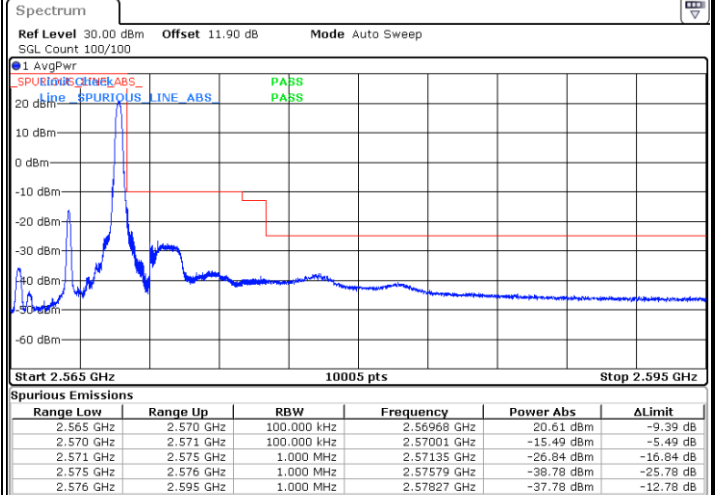
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



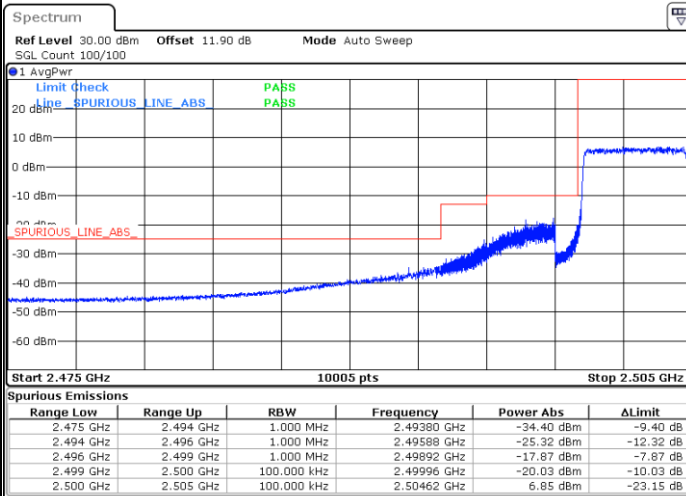
Date: 12.NOV.2021 10:02:53

Highest Band Edge / 1 RB



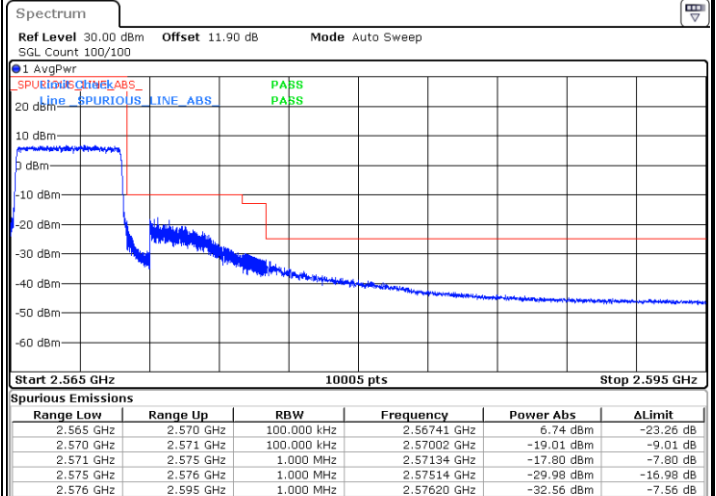
Date: 12.NOV.2021 10:04:26

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:03:19

Highest Band Edge / Full RB

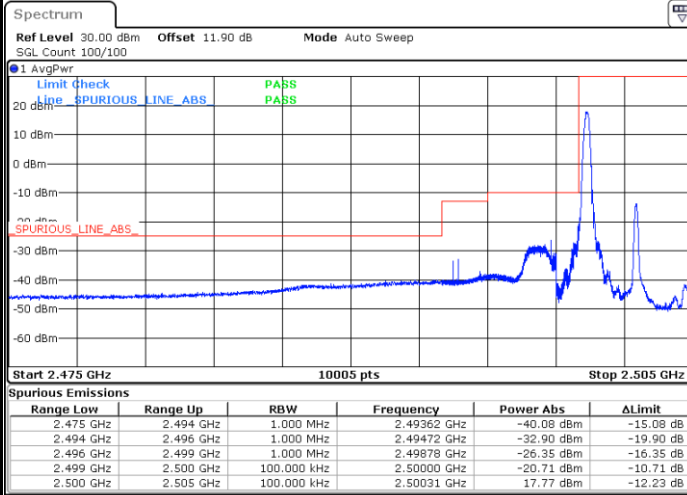


Date: 12.NOV.2021 10:04:52



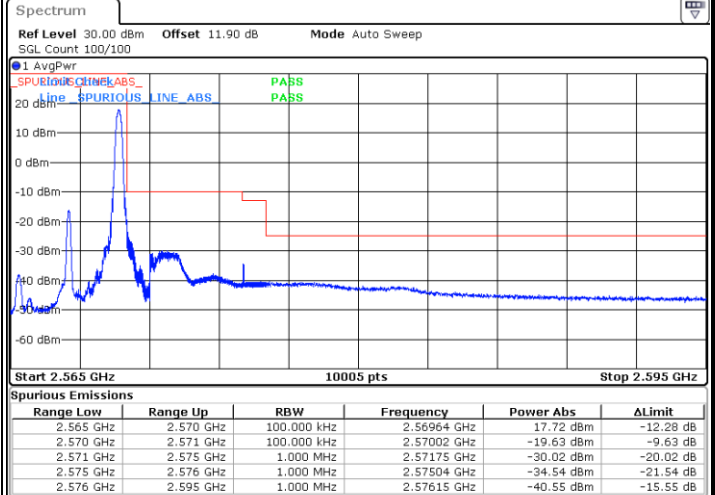
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



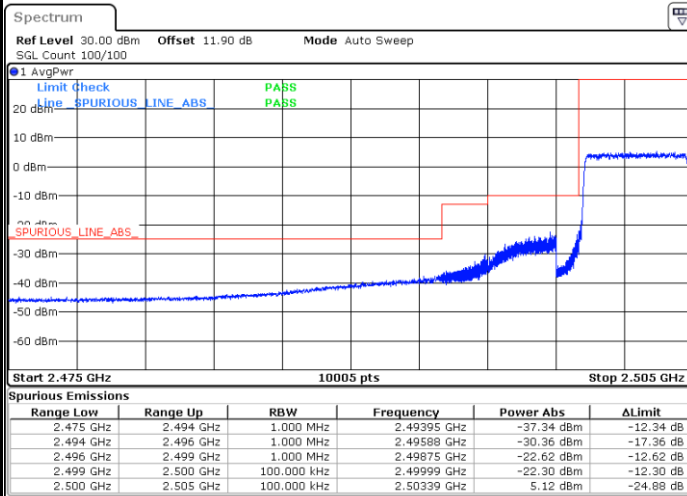
Date: 12.NOV.2021 11:39:30

Highest Band Edge / 1 RB



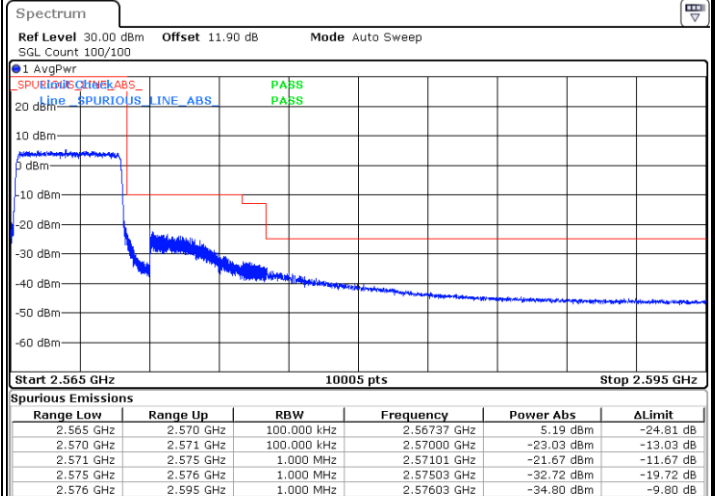
Date: 12.NOV.2021 11:38:52

Lowest Band Edge / Full RB



Date: 12.NOV.2021 11:37:24

Highest Band Edge / Full RB

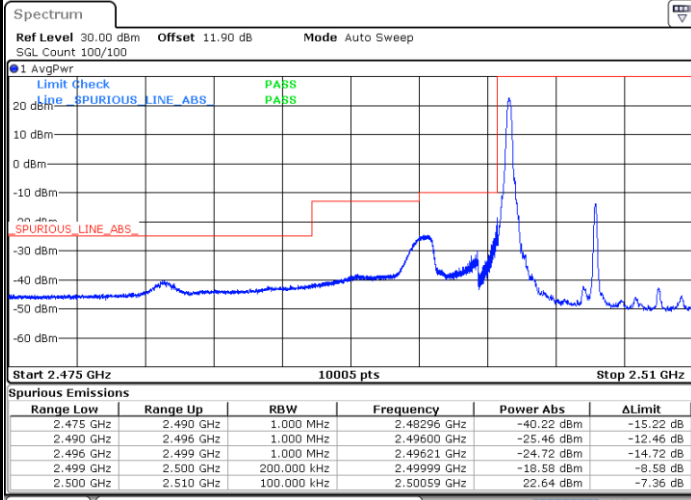


Date: 12.NOV.2021 11:38:07



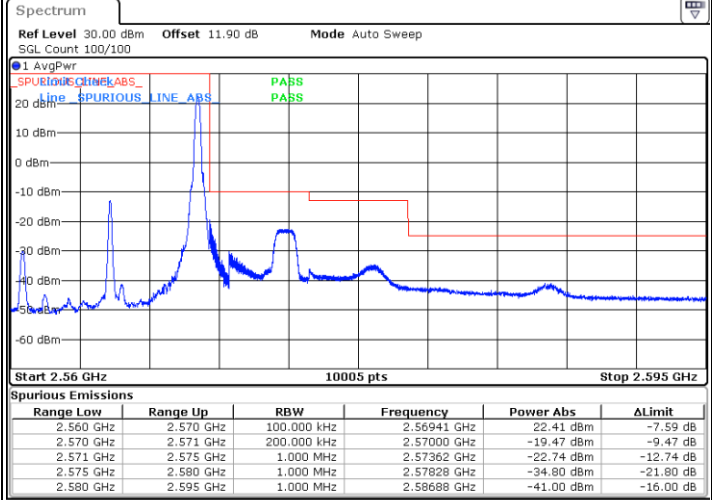
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



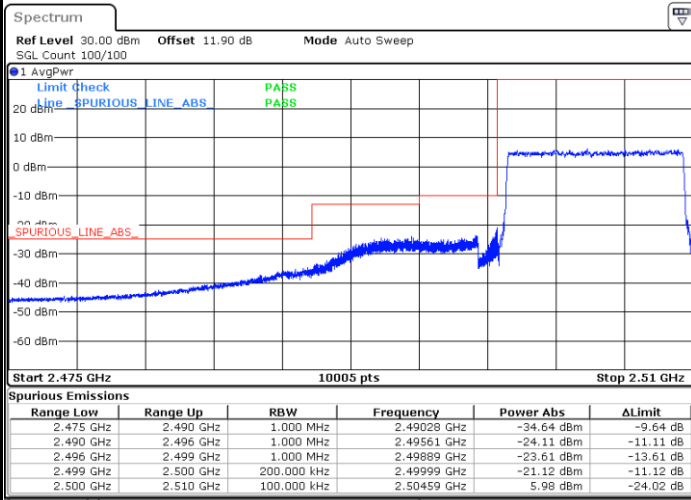
Date: 12.NOV.2021 10:05:32

Highest Band Edge / 1 RB



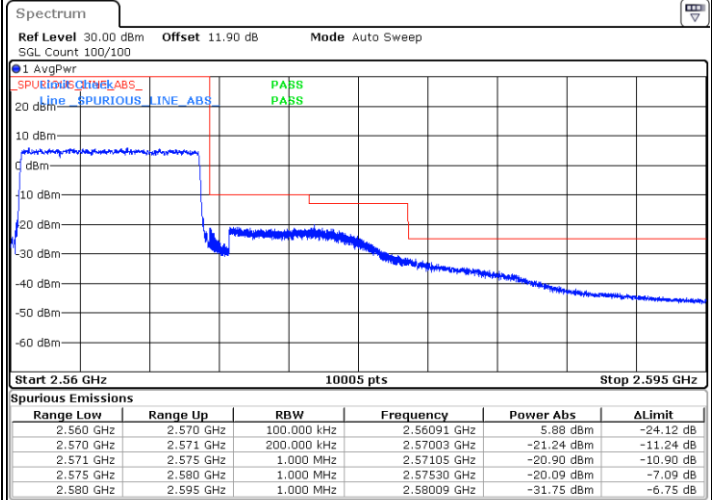
Date: 12.NOV.2021 10:10:37

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:06:24

Highest Band Edge / Full RB

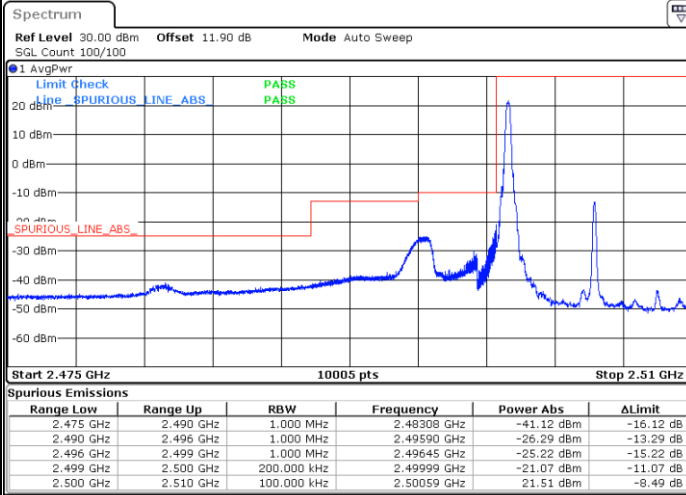


Date: 12.NOV.2021 10:11:28



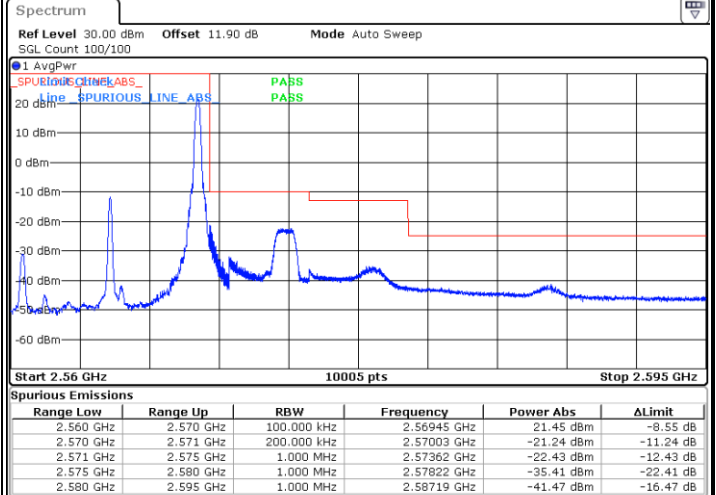
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



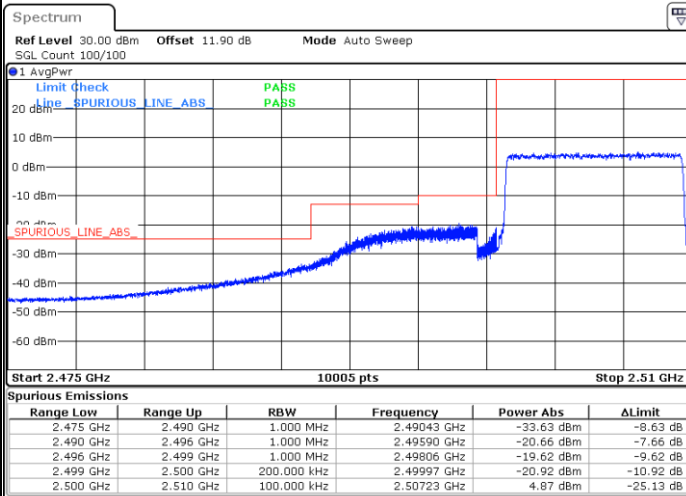
Date: 12.NOV.2021 10:05:58

Highest Band Edge / 1 RB



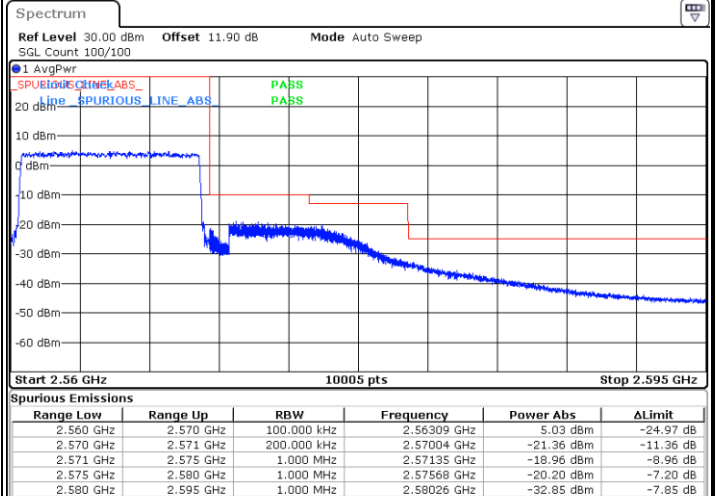
Date: 12.NOV.2021 10:11:02

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:06:49

Highest Band Edge / Full RB

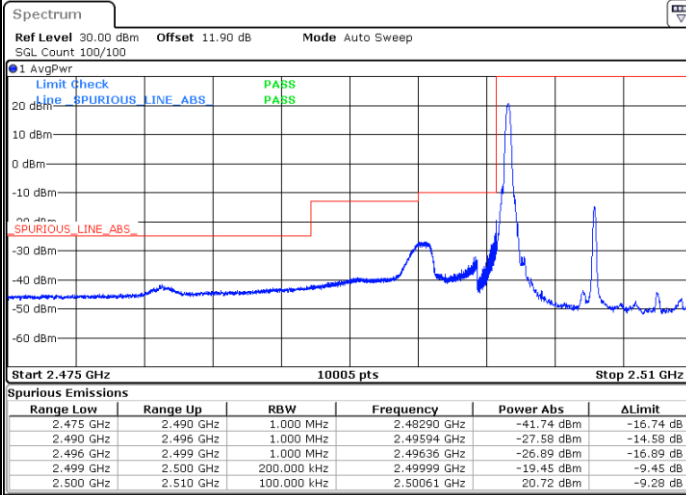


Date: 12.NOV.2021 10:11:53



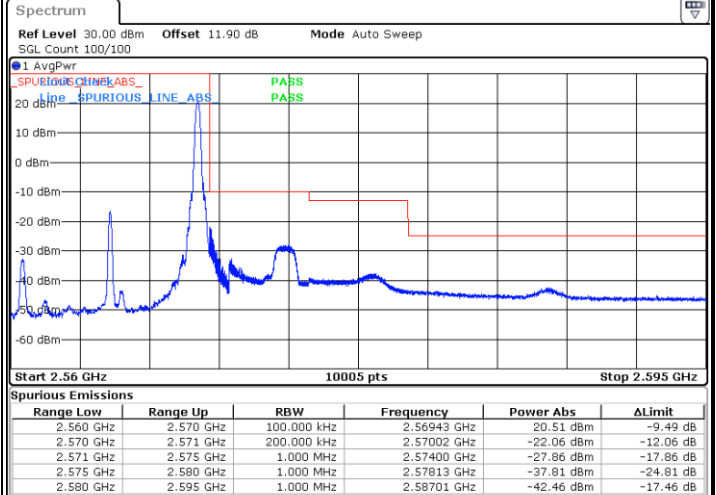
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



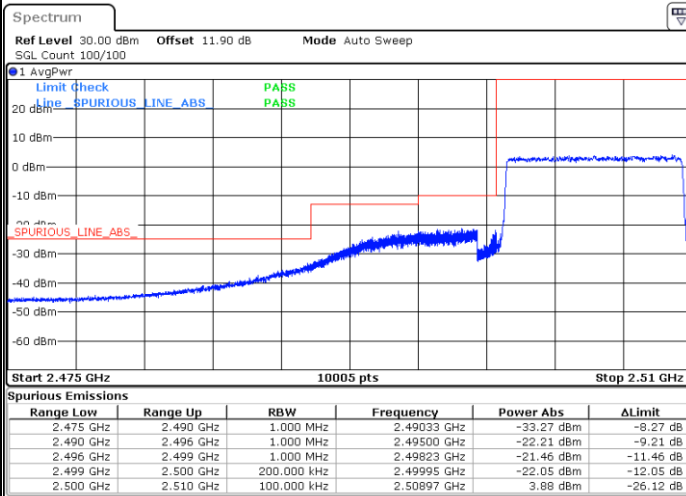
Date: 12.NOV.2021 10:13:18

Highest Band Edge / 1 RB



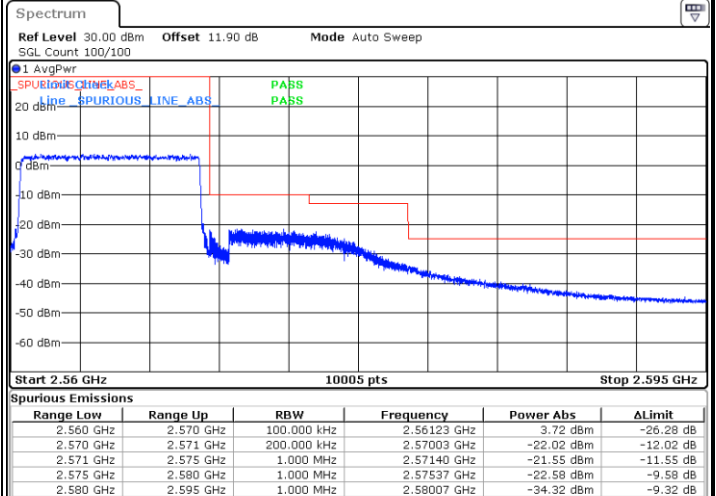
Date: 12.NOV.2021 10:14:51

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:13:44

Highest Band Edge / Full RB

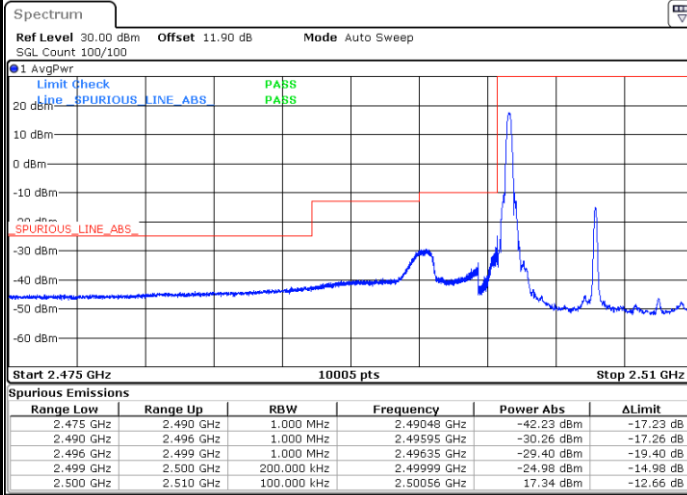


Date: 12.NOV.2021 10:15:17



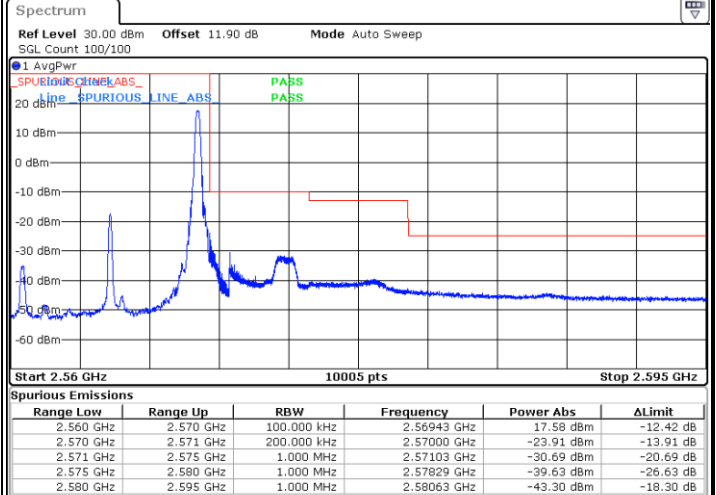
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



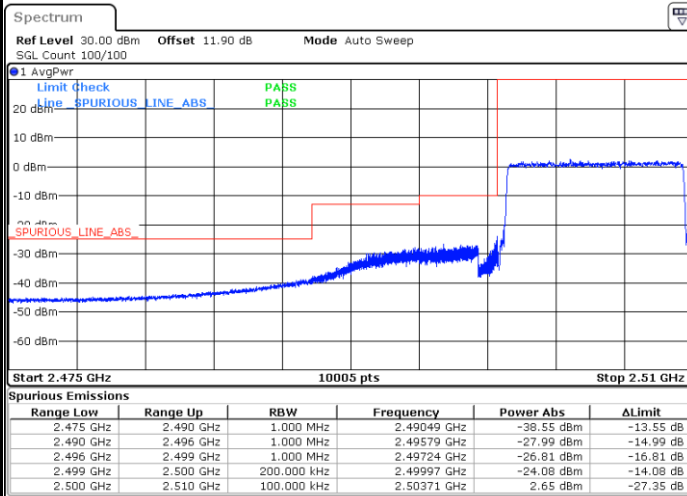
Date: 12.NOV.2021 11:34:21

Highest Band Edge / 1 RB



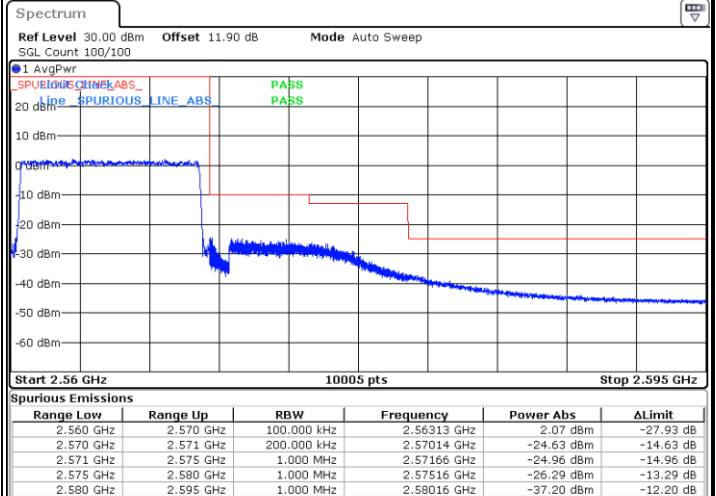
Date: 12.NOV.2021 11:35:31

Lowest Band Edge / Full RB



Date: 12.NOV.2021 11:34:01

Highest Band Edge / Full RB



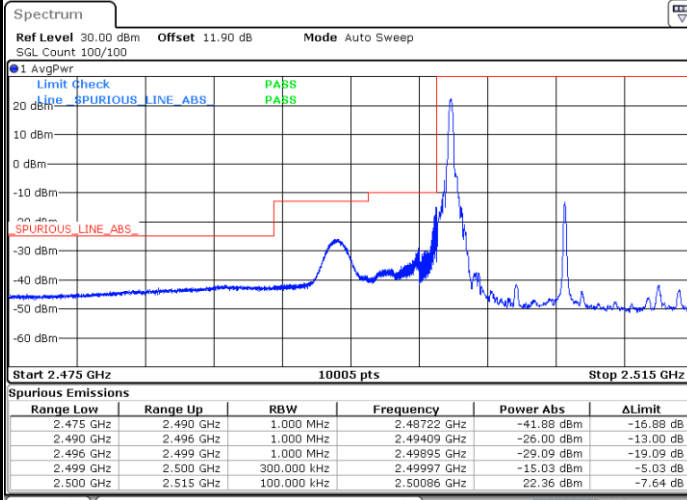
Date: 12.NOV.2021 11:35:08





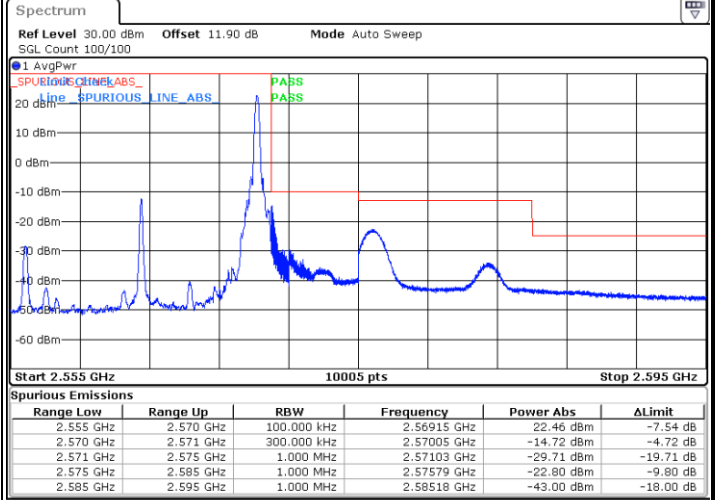
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



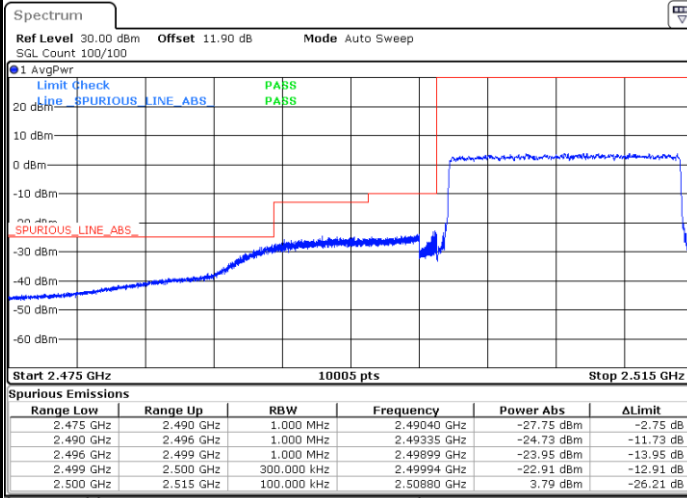
Date: 12.NOV.2021 10:16:00

Highest Band Edge / 1 RB



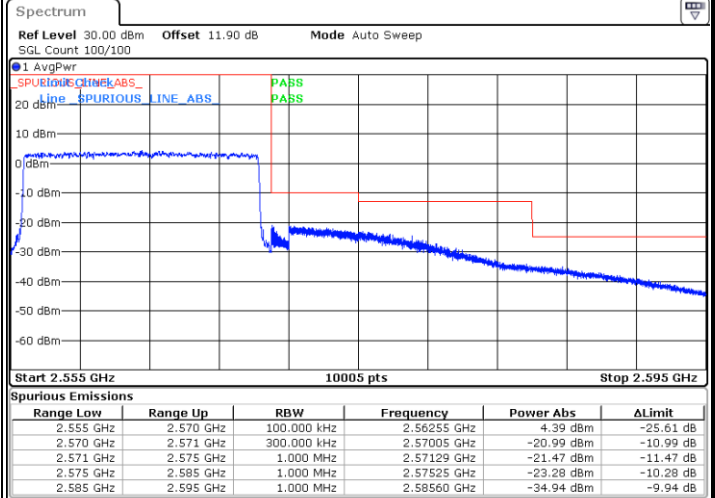
Date: 12.NOV.2021 10:21:06

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:43:22

Highest Band Edge / Full RB

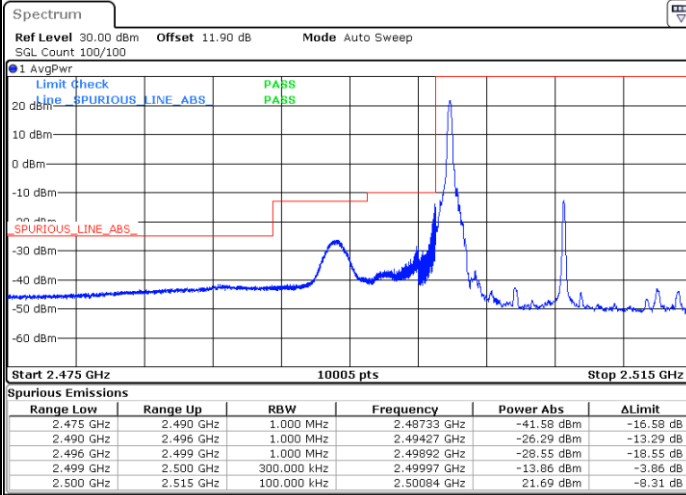


Date: 12.NOV.2021 10:21:57



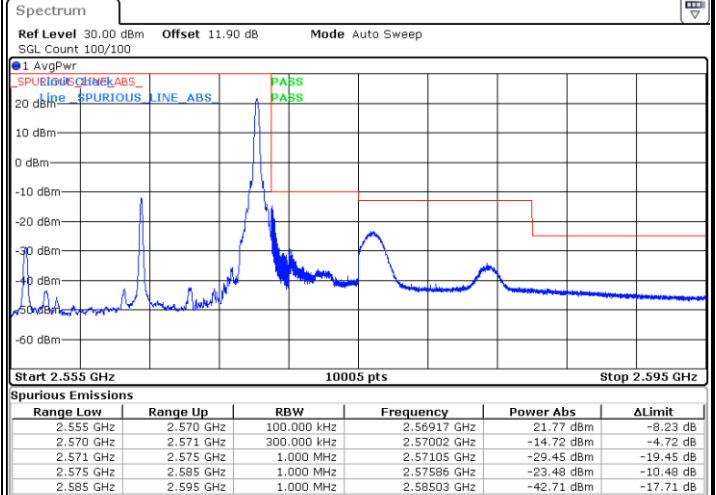
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



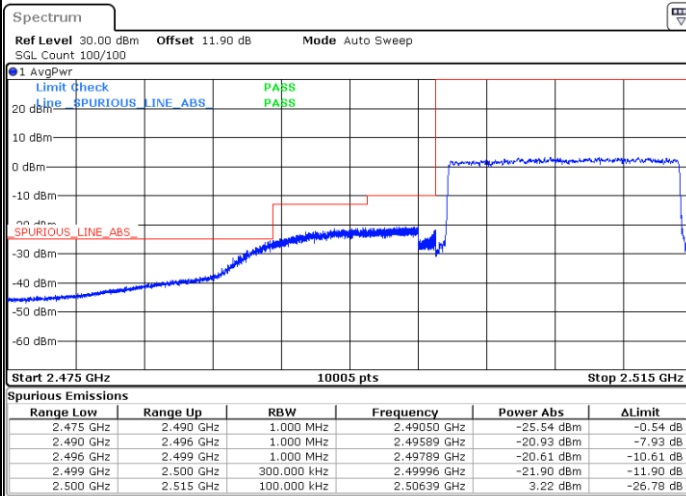
Date: 12.NOV.2021 10:16:26

Highest Band Edge / 1 RB



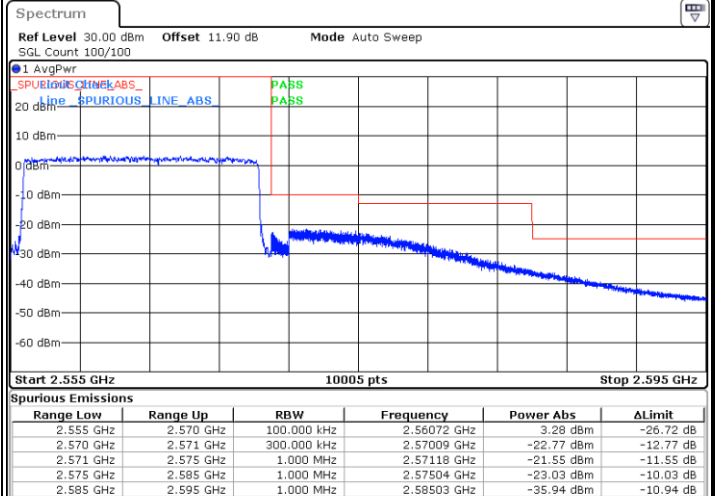
Date: 12.NOV.2021 10:21:31

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:44:39

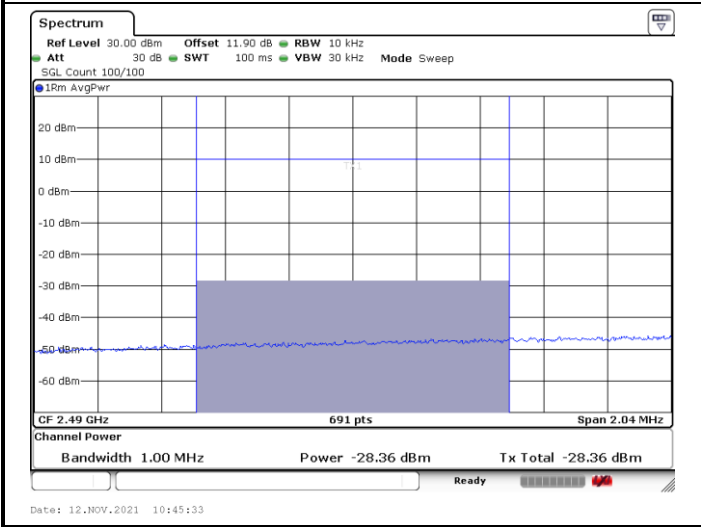
Highest Band Edge / Full RB



Date: 12.NOV.2021 10:22:23



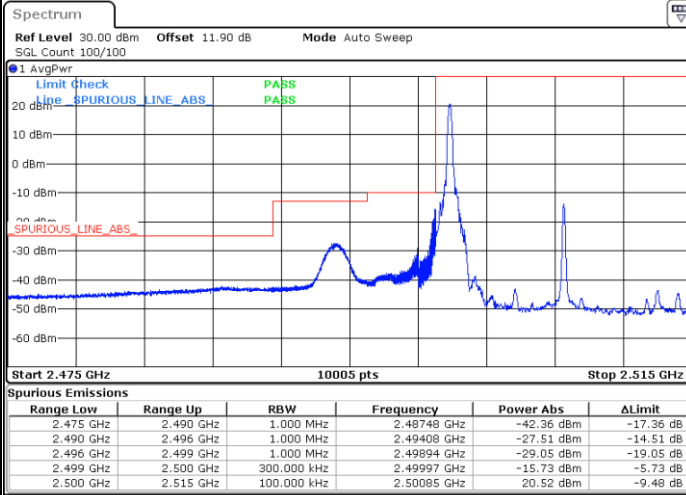
### Channel power verify





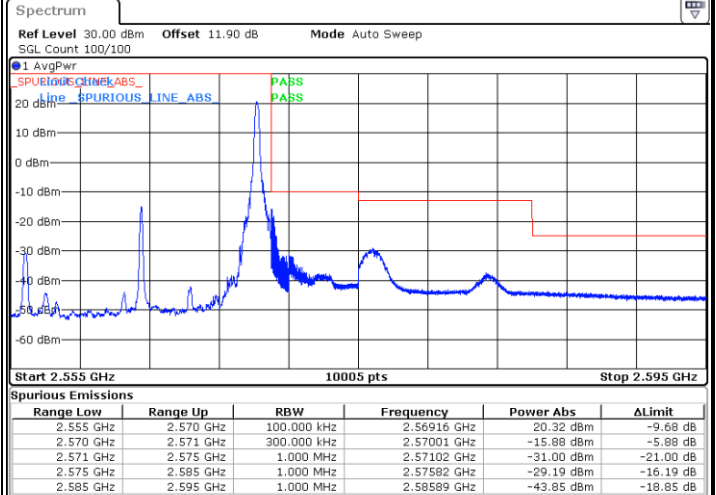
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



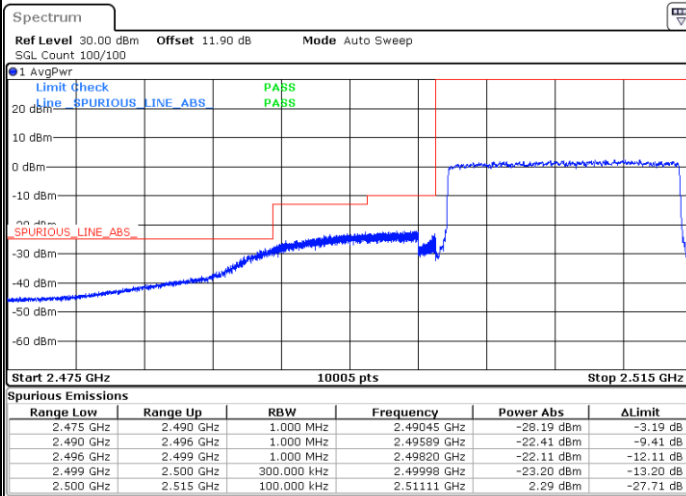
Date: 12.NOV.2021 10:23:48

Highest Band Edge / 1 RB



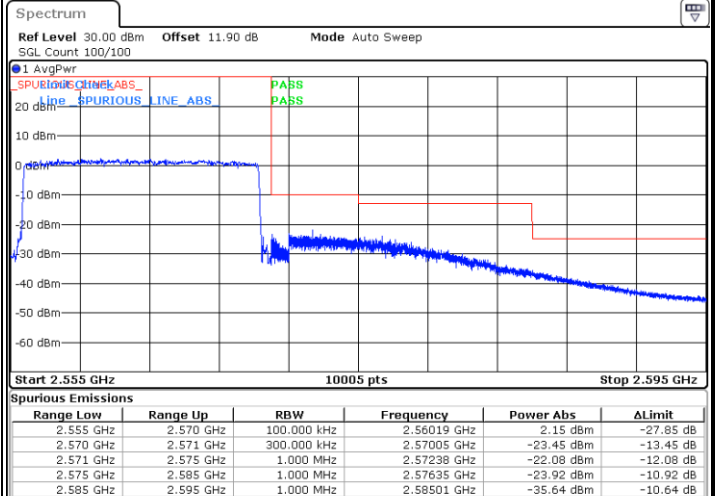
Date: 12.NOV.2021 10:25:21

Lowest Band Edge / Full RB



Date: 12.NOV.2021 10:24:14

Highest Band Edge / Full RB

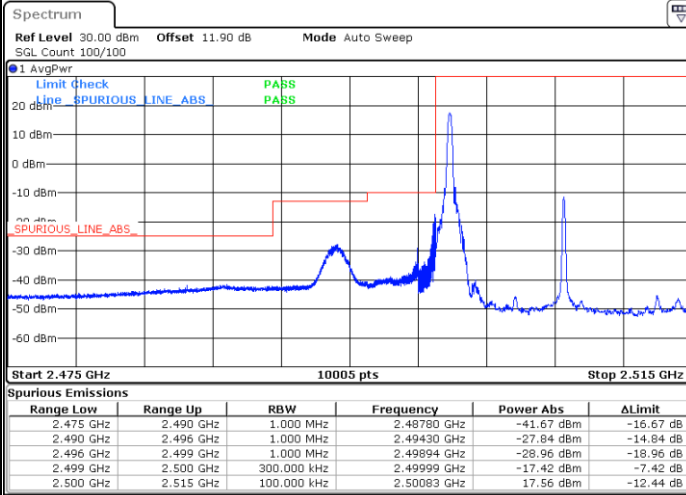


Date: 12.NOV.2021 10:25:47



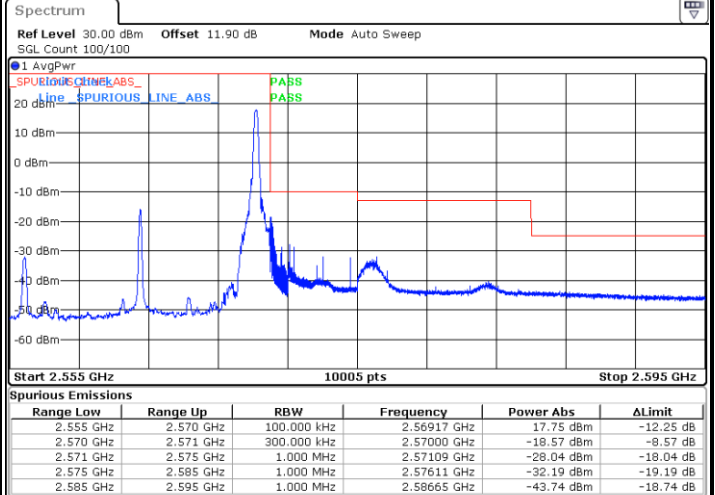
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



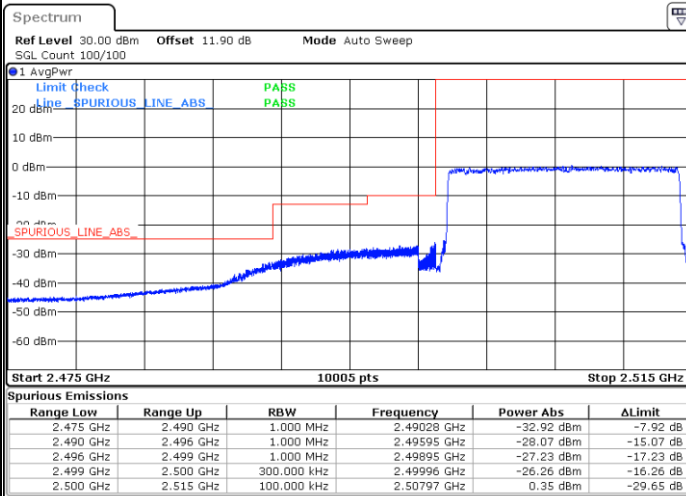
Date: 12.NOV.2021 11:23:40

Highest Band Edge / 1 RB



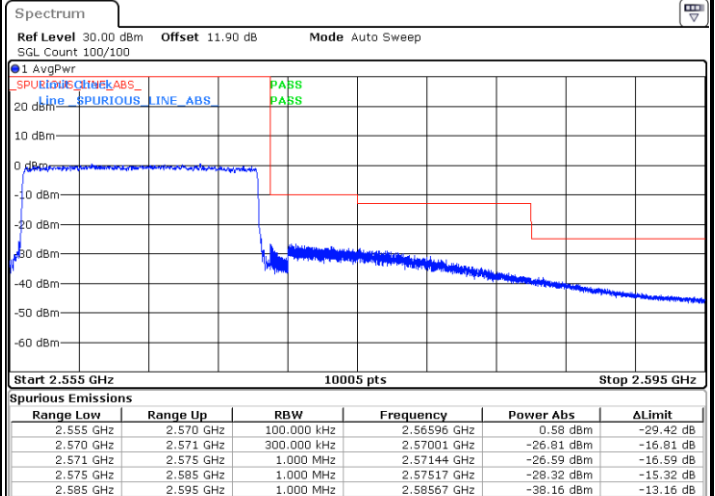
Date: 12.NOV.2021 11:26:28

Lowest Band Edge / Full RB



Date: 12.NOV.2021 11:23:17

Highest Band Edge / Full RB



Date: 12.NOV.2021 11:25:42