

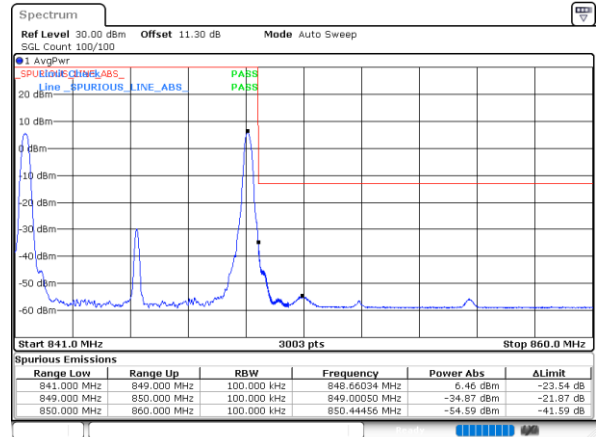
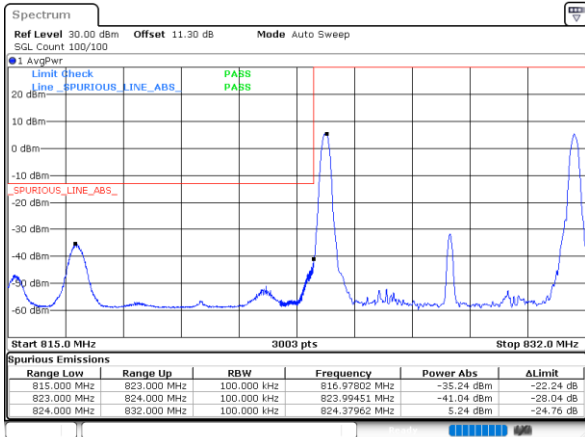


LTE Band 5B / 3MHz+5MHz

64QAM

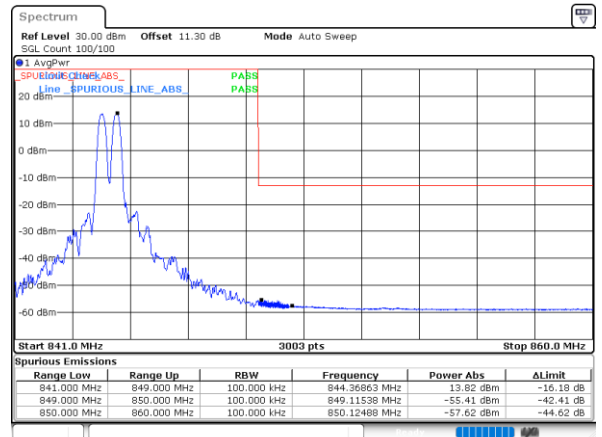
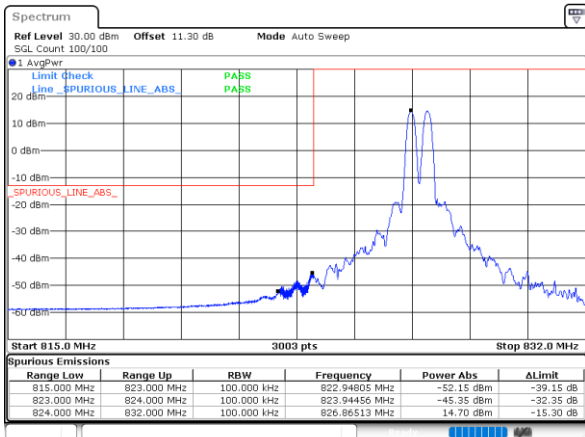
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



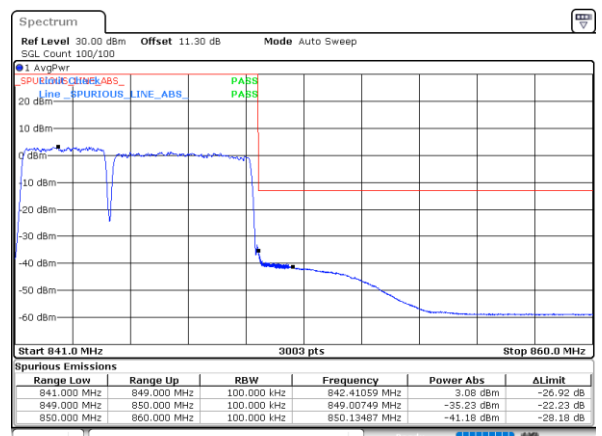
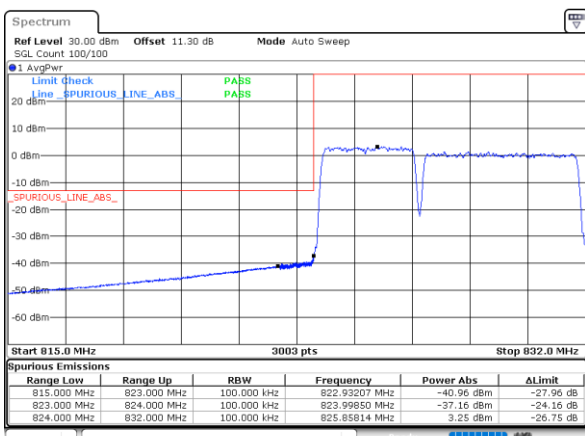
Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

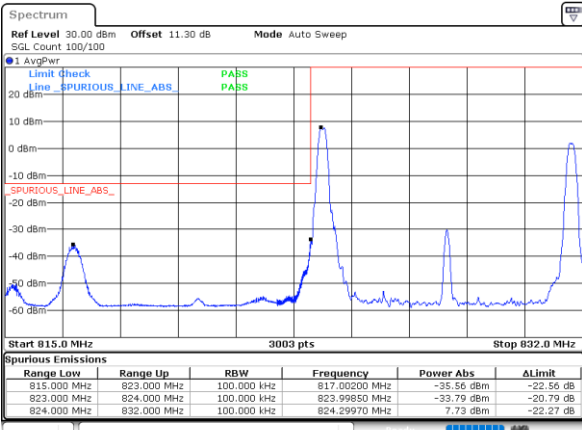




LTE Band 5B / 5MHz+3MHz

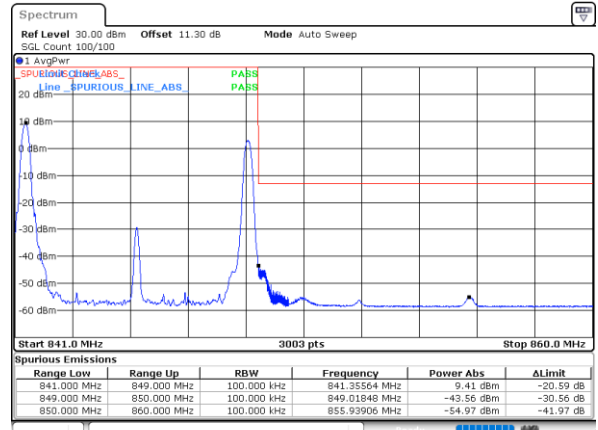
64QAM

Lowest Band Edge / 1RB0 and 1RB14



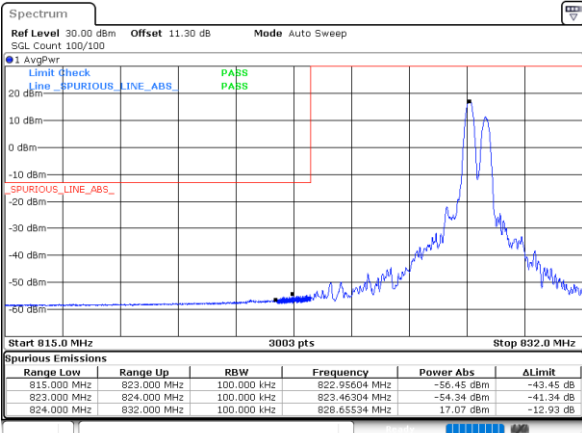
Date: 11 JUN 2021 09:24:21

Highest Band Edge / 1RB0 and 1RB14



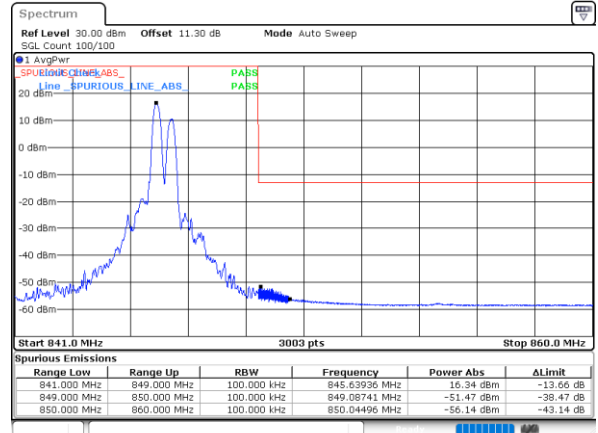
Date: 11 JUN 2021 09:06:44

Lowest Band Edge / 1RB24 and 1RB0



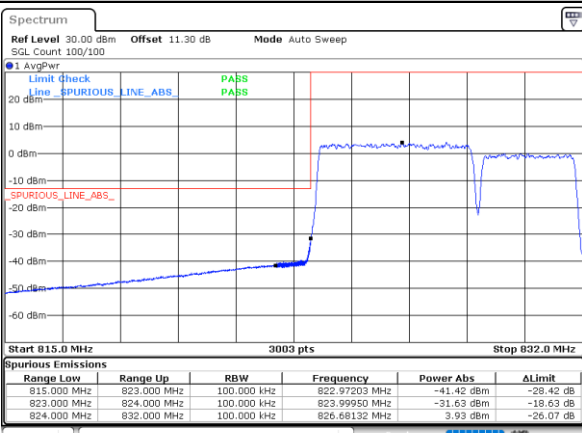
Date: 11 JUN 2021 09:34:11

Highest Band Edge / 1RB24 and 1RB0



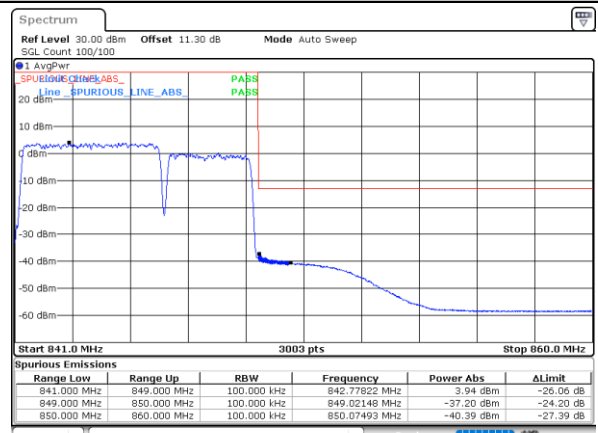
Date: 11 JUN 2021 09:08:41

Lowest Band Edge / Full RB



Date: 11 JUN 2021 09:22:23

Highest Band Edge / Full RB



Date: 11 JUN 2021 08:56:55

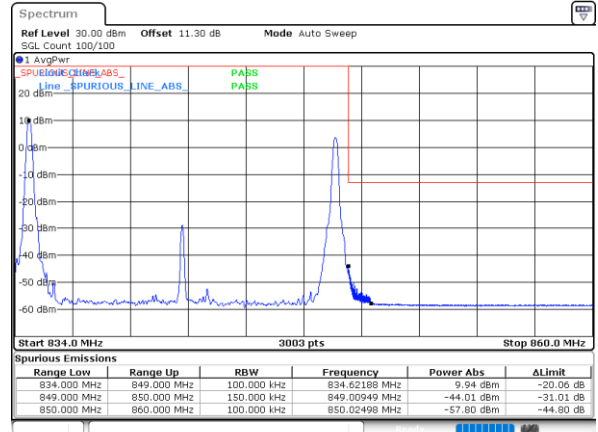
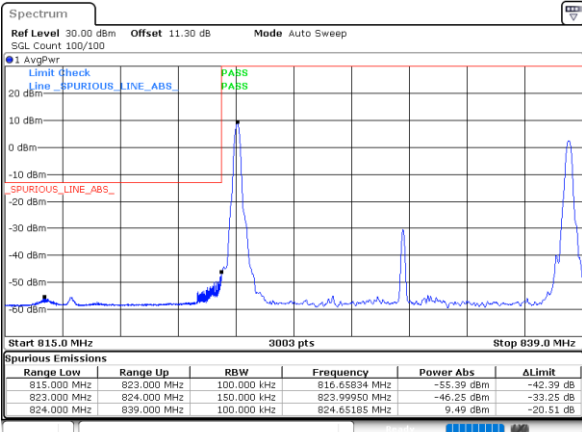


LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

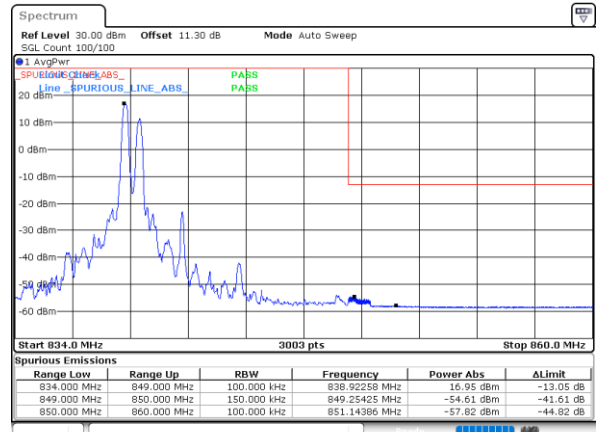
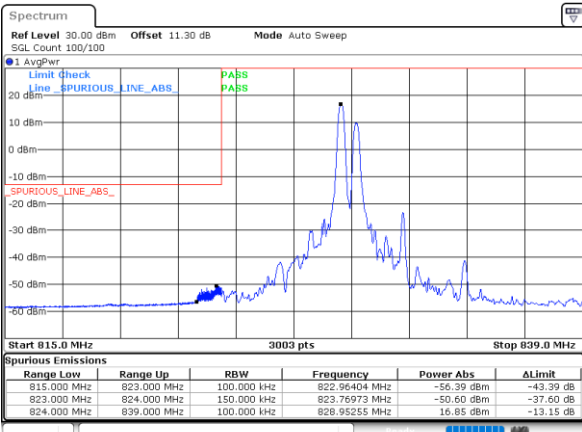


Date: 11 JUN 2021 10:10:06

Date: 11 JUN 2021 09:54:14

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

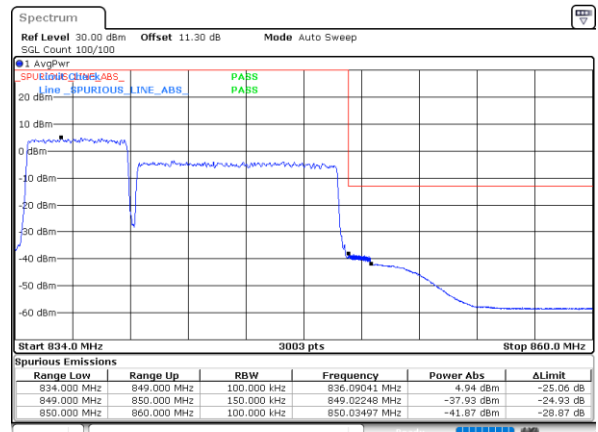
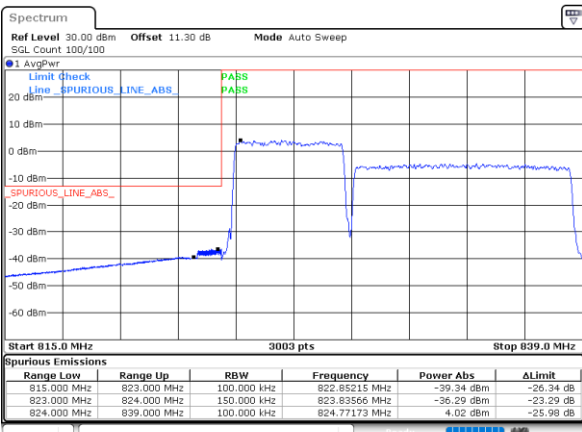


Date: 11 JUN 2021 10:19:57

Date: 11 JUN 2021 09:56:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 JUN 2021 10:08:07

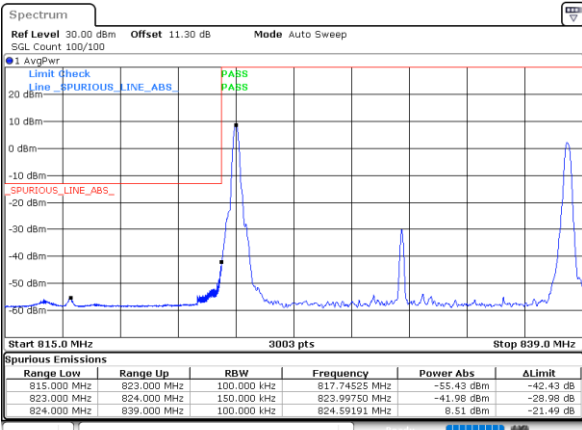
Date: 11 JUN 2021 09:44:24



LTE Band 5B / 10MHz+5MHz

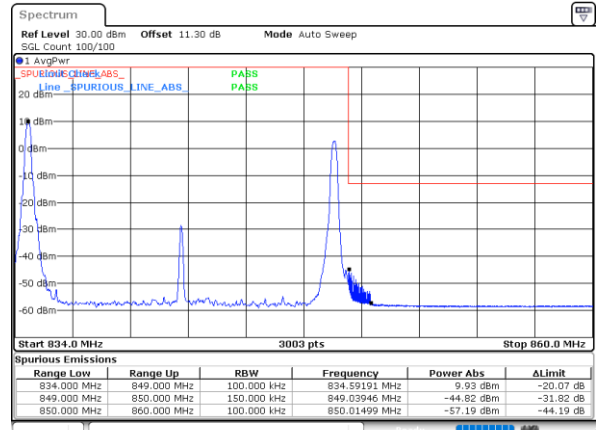
64QAM

Lowest Band Edge / 1RB0 and 1RB24



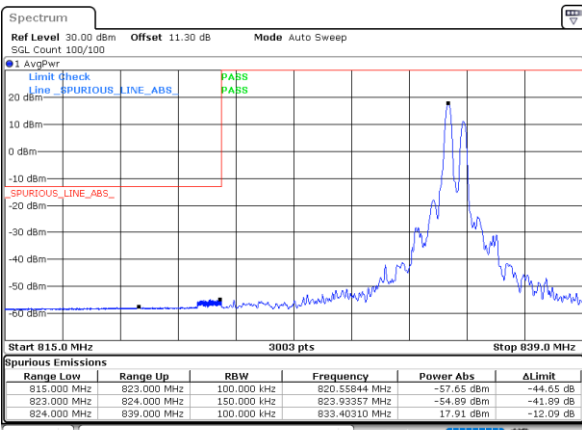
Date: 11 JUN 2021 10:55:27

Highest Band Edge / 1RB0 and 1RB24



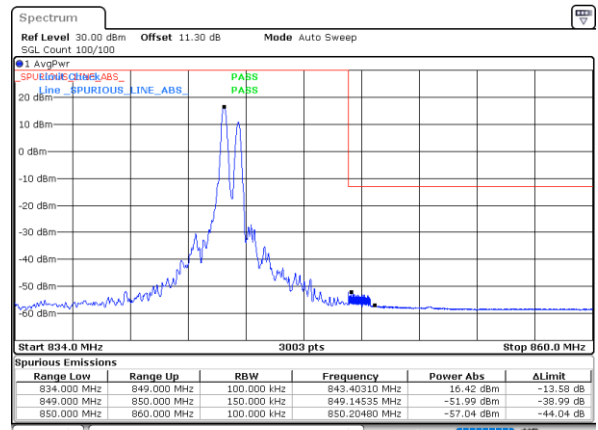
Date: 11 JUN 2021 10:59:33

Lowest Band Edge / 1RB49 and 1RB0



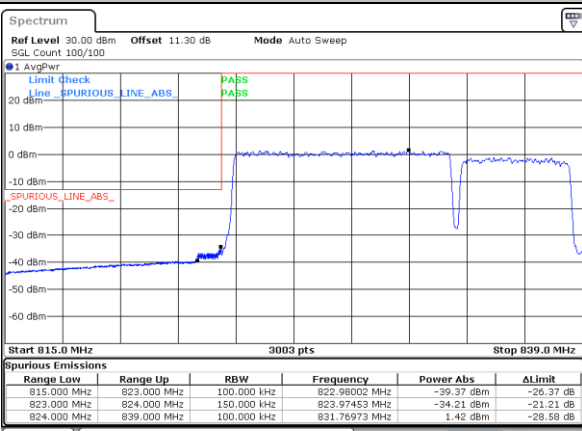
Date: 11 JUN 2021 11:05:17

Highest Band Edge / 1RB49 and 1RB0



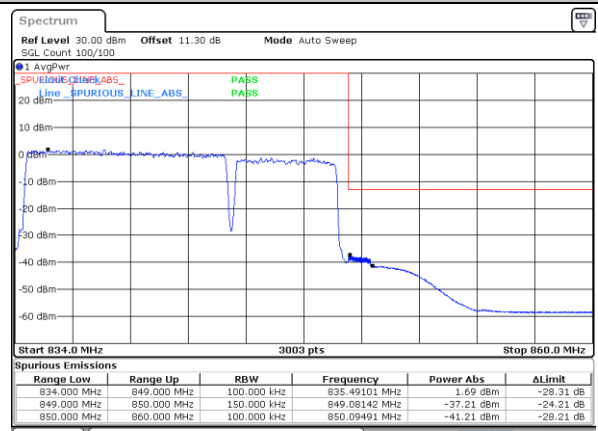
Date: 11 JUN 2021 10:41:30

Lowest Band Edge / Full RB



Date: 11 JUN 2021 10:53:29

Highest Band Edge / Full RB



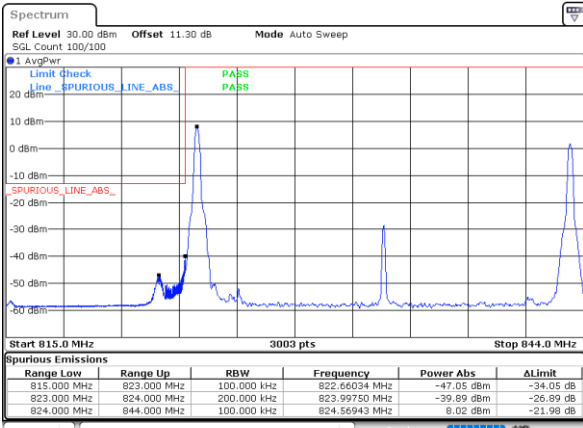
Date: 11 JUN 2021 10:29:44



LTE Band 5B / 10MHz+10MHz

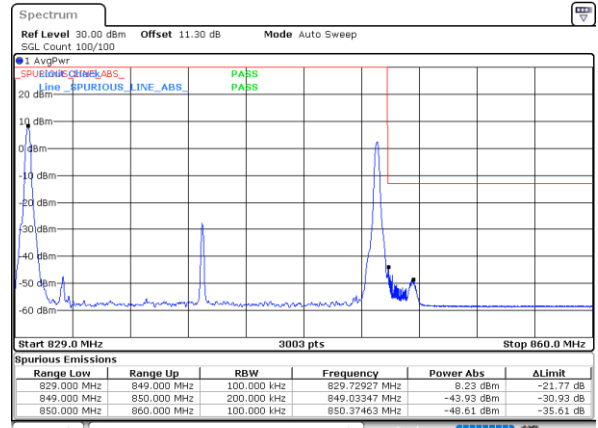
64QAM

Lowest Band Edge / 1RB0 and 1RB49



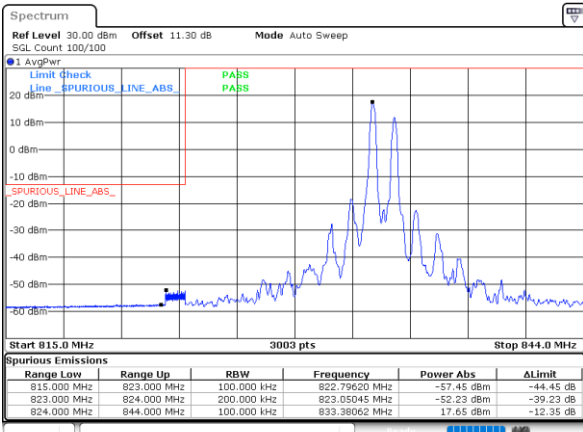
Date: 11 JUN 2021 11:40:06

Highest Band Edge / 1RB0 and 1RB49



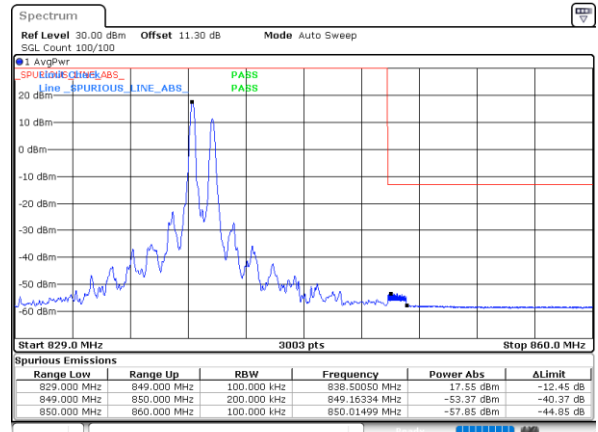
Date: 11 JUN 2021 11:24:14

Lowest Band Edge / 1RB49 and 1RB0



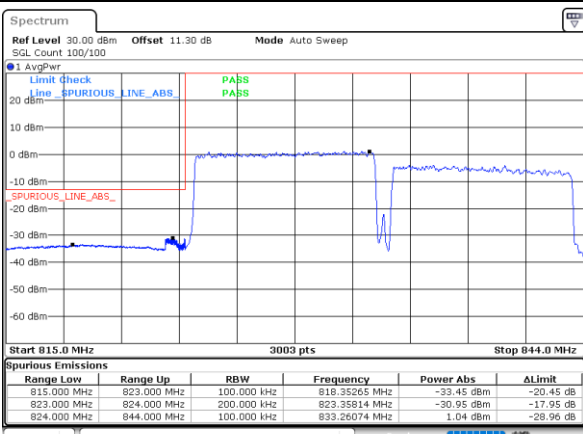
Date: 11 JUN 2021 11:49:55

Highest Band Edge / 1RB49 and 1RB0



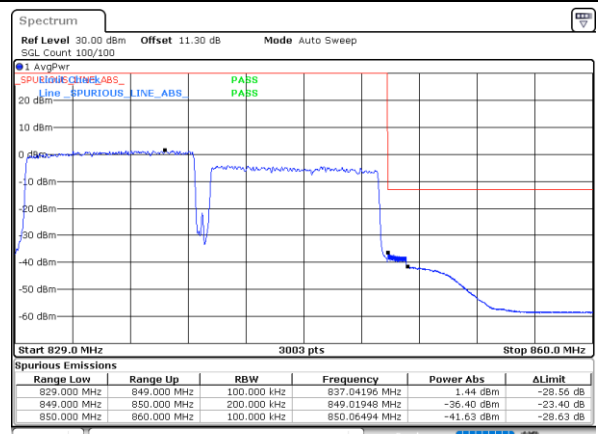
Date: 11 JUN 2021 11:26:11

Lowest Band Edge / Full RB



Date: 11 JUN 2021 11:38:08

Highest Band Edge / Full RB



Date: 11 JUN 2021 11:14:23



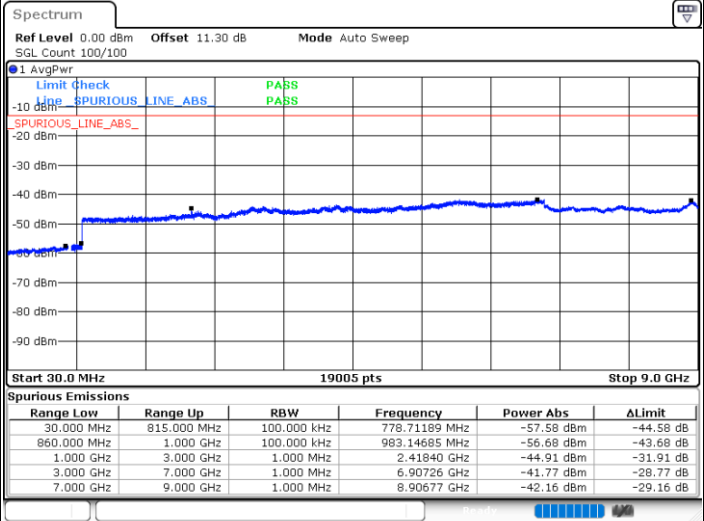
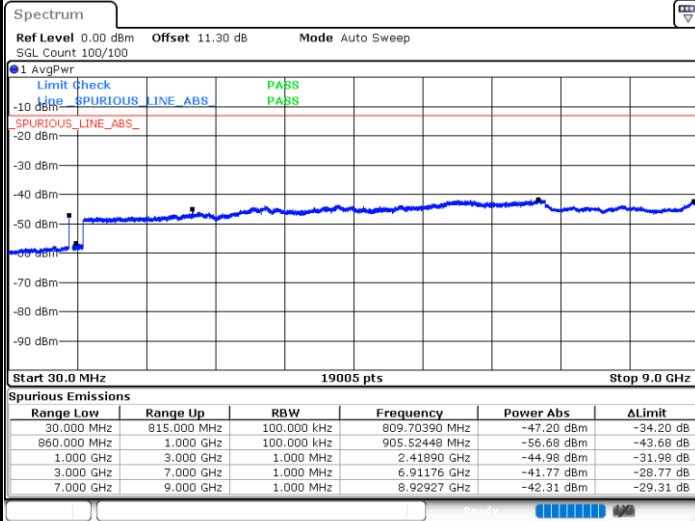
# Conducted Spurious Emission

## LTE Band 5B / 3MHz+5MHz

### QPSK

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

#### Lowest Channel / 1RB14 and 1RB0

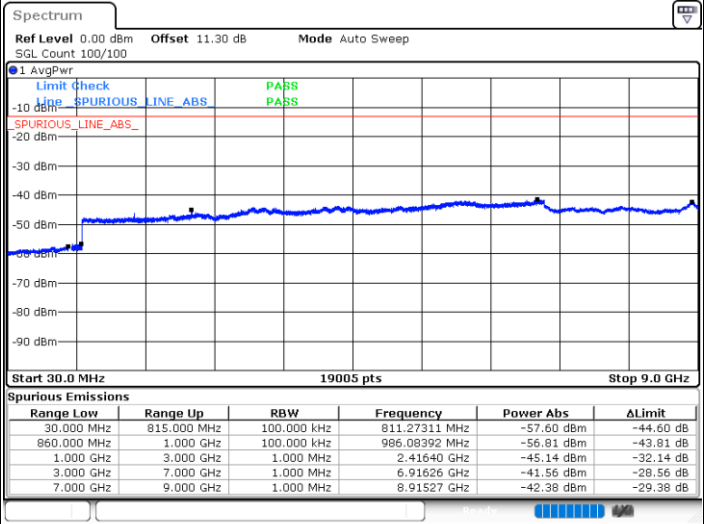
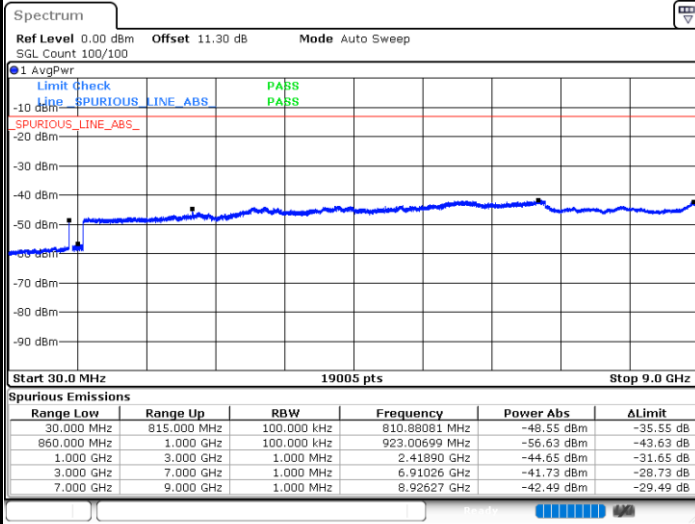


Date: 10.JUN.2021 17:18:51

Date: 10.JUN.2021 17:17:49

#### MiddleChannel / 1RB0 and 1RB24

#### Middle Channel / 1RB14 and 1RB0



Date: 10.JUN.2021 17:26:09

Date: 10.JUN.2021 17:28:06

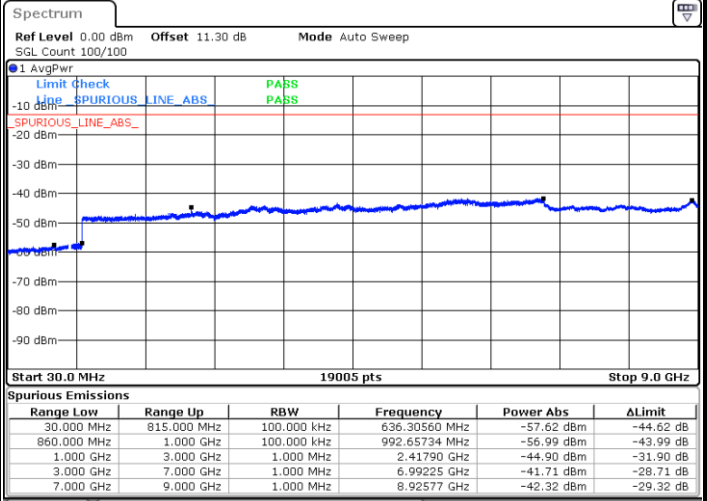
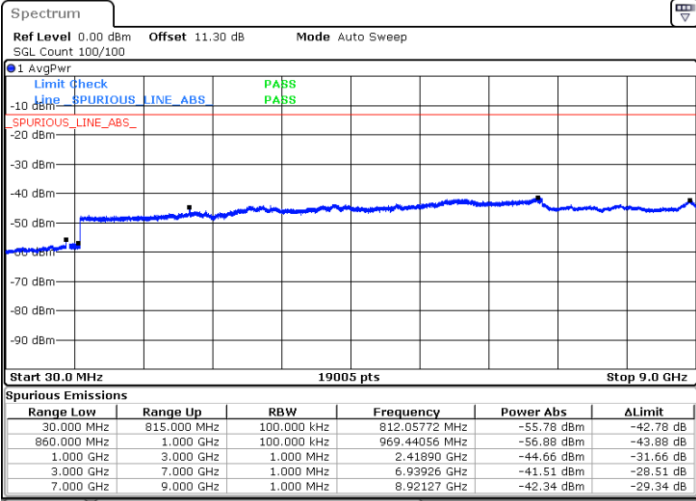


LTE Band 5B / 3MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB14 and 1RB0



Date: 10.JUN.2021 16:51:54

Date: 10.JUN.2021 16:50:51

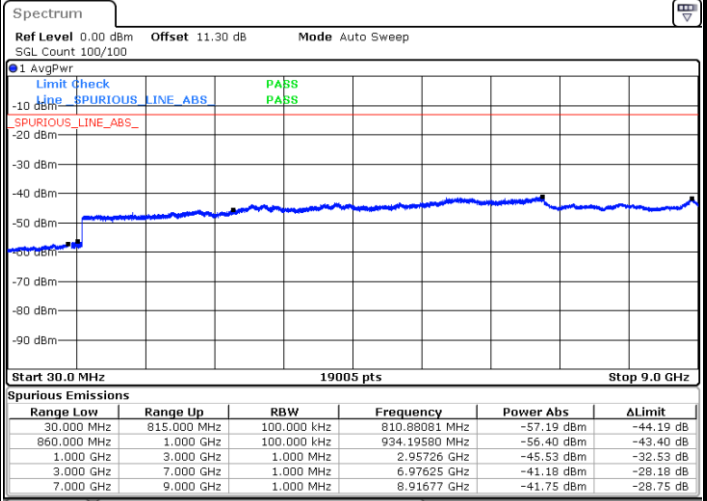
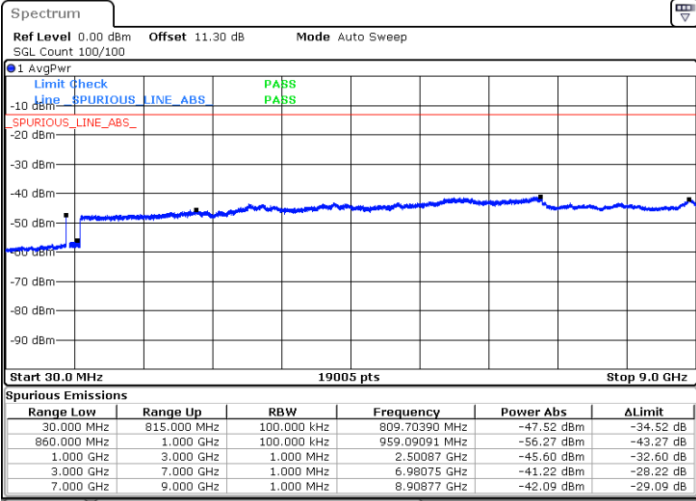


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Channel / 1RB0 and 1RB14

Lowest Channel / 1RB24 and 1RB0

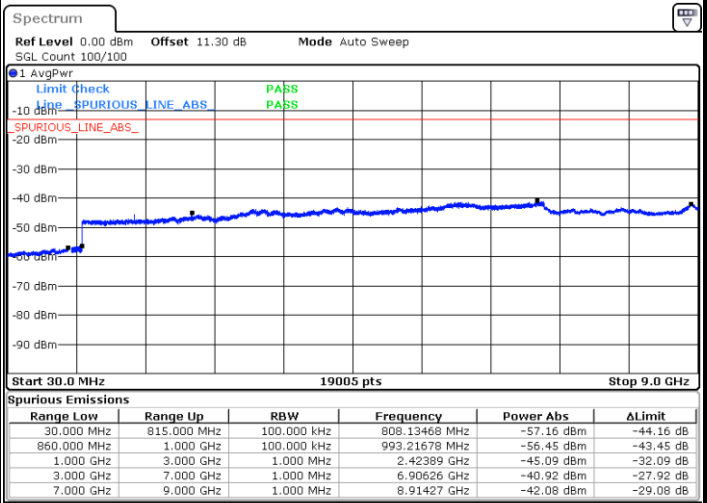
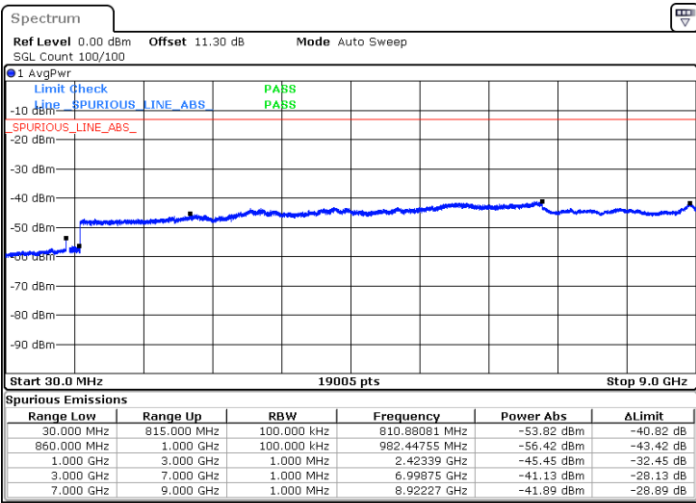


Date: 11.JUN.2021 09:36:15

Date: 11.JUN.2021 09:35:13

Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0



Date: 11.JUN.2021 09:40:13

Date: 11.JUN.2021 09:41:15



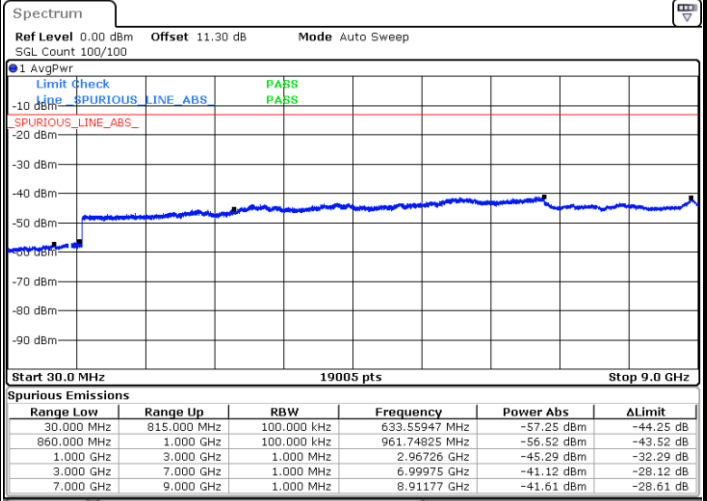
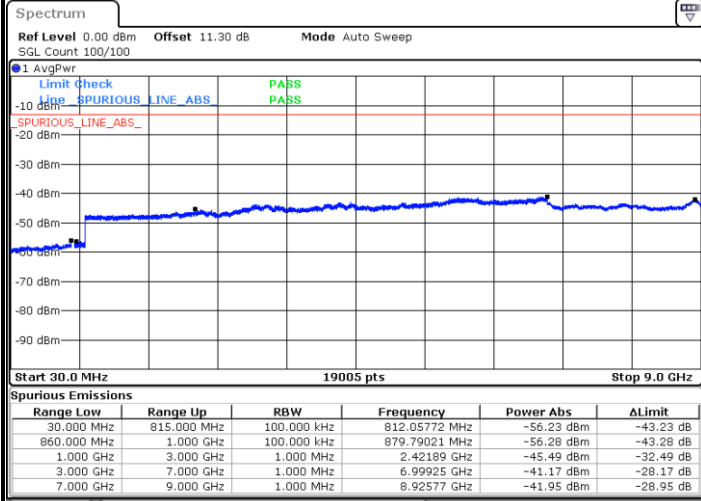


LTE Band 5B / 5MHz+3MHz

QPSK

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



Date: 11.JUN.2021 09:14:40

Date: 11.JUN.2021 09:13:37

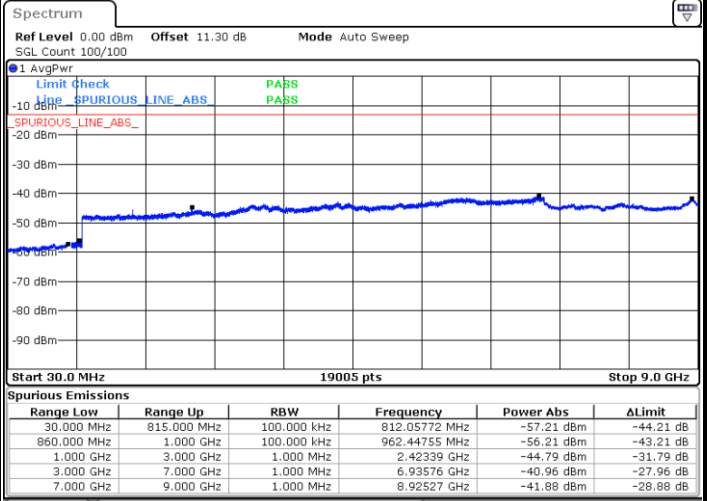
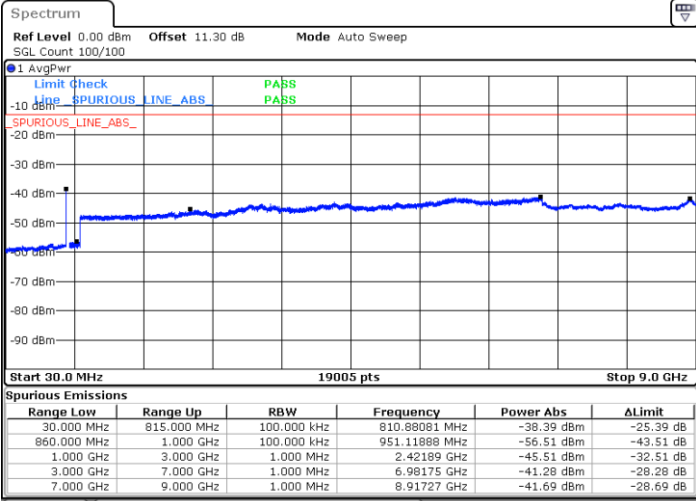


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0

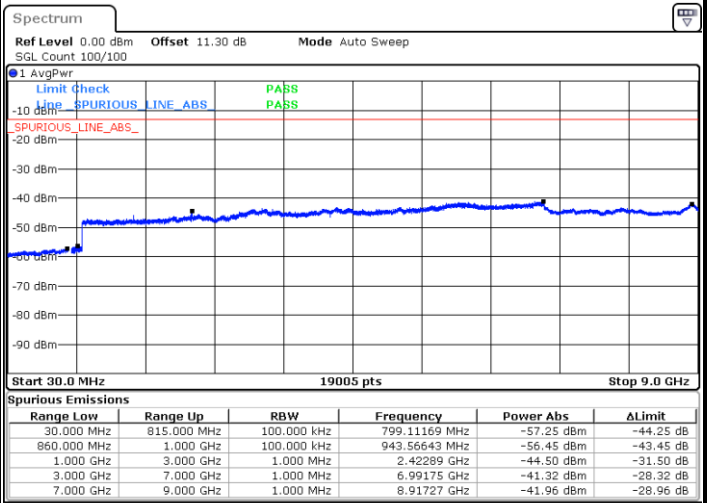
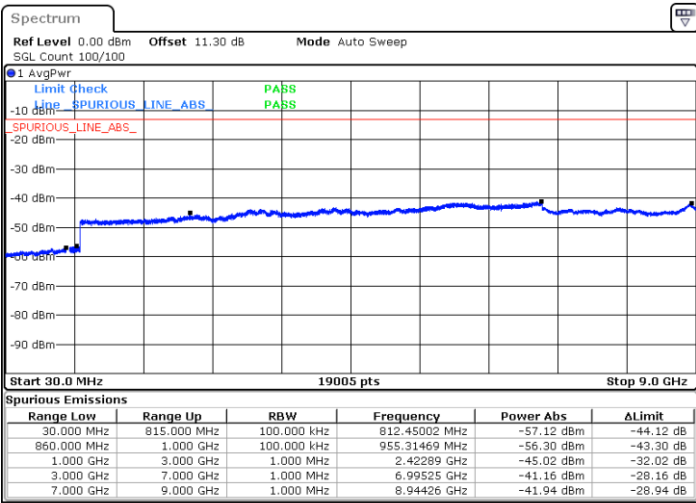


Date: 11.JUN.2021 10:22:02

Date: 11.JUN.2021 10:20:59

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



Date: 11.JUN.2021 10:26:39

Date: 11.JUN.2021 10:27:41

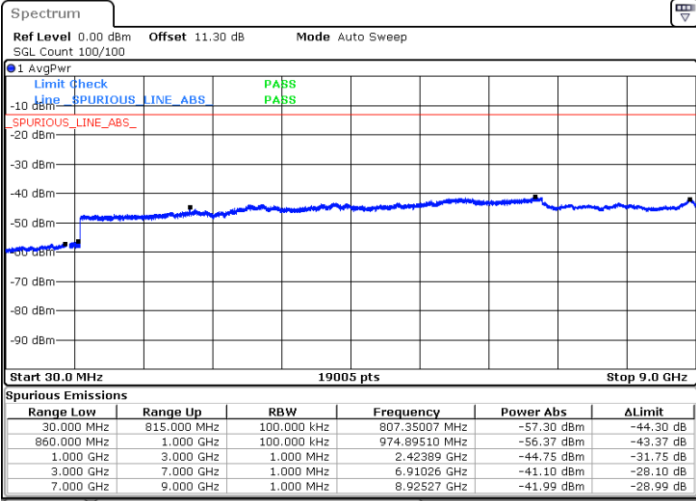


LTE Band 5B / 5MHz+10MHz

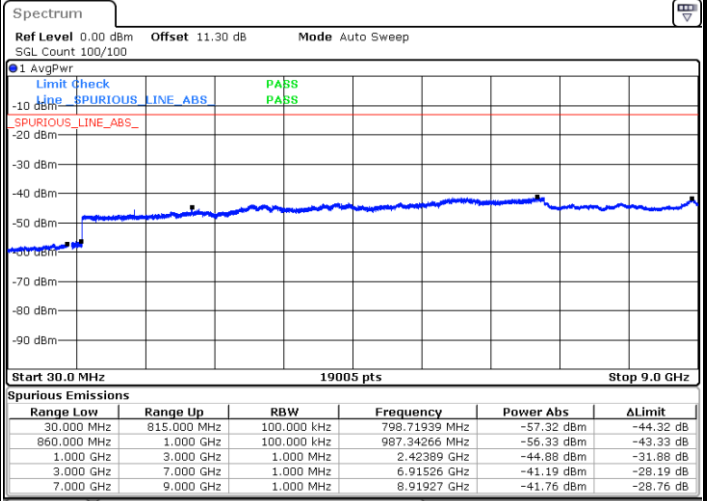
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



Date: 11.JUN.2021 10:02:09



Date: 11.JUN.2021 10:01:07

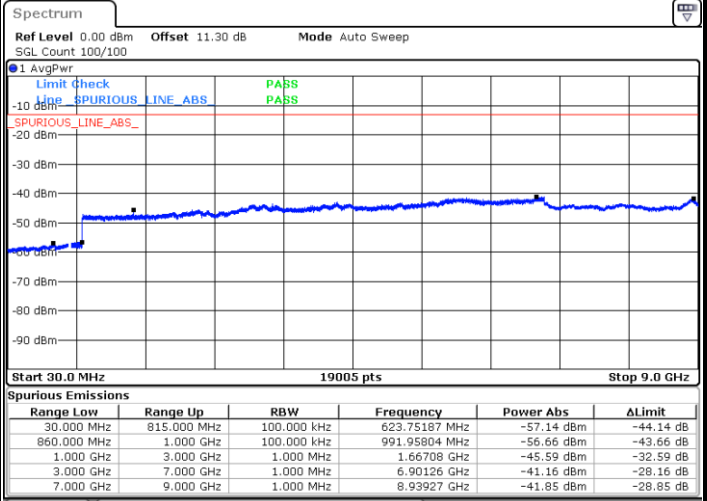
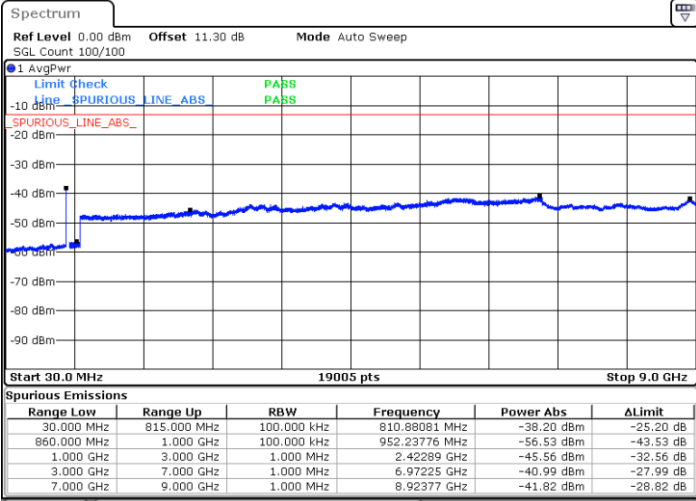


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0

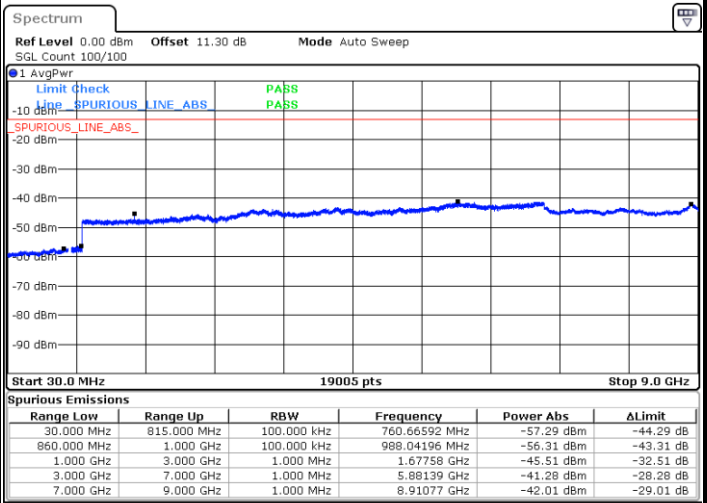
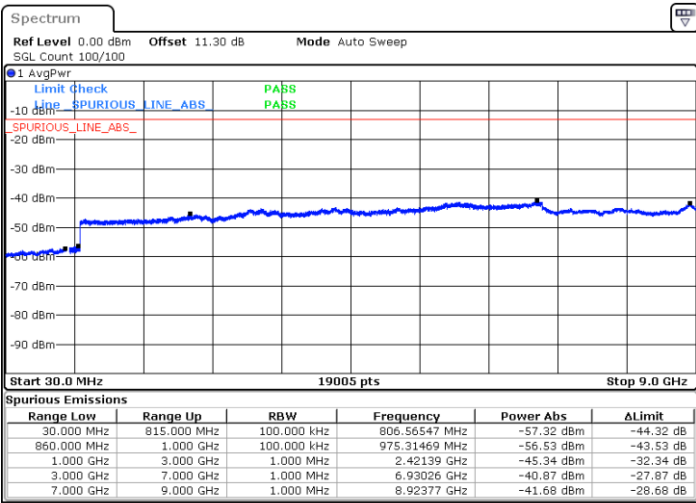


Date: 11.JUN.2021 11:07:22

Date: 11.JUN.2021 11:06:19

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



Date: 11.JUN.2021 11:11:20

Date: 11.JUN.2021 11:12:22

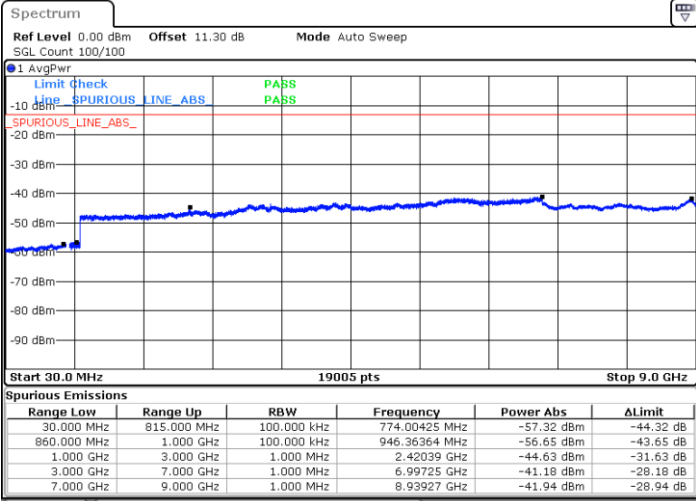


LTE Band 5B / 10MHz+5MHz

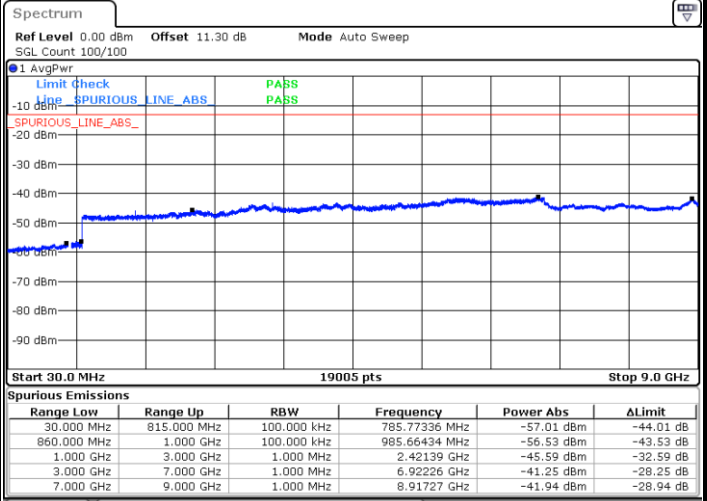
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0



Date: 11.JUN.2021 10:47:30



Date: 11.JUN.2021 10:46:27

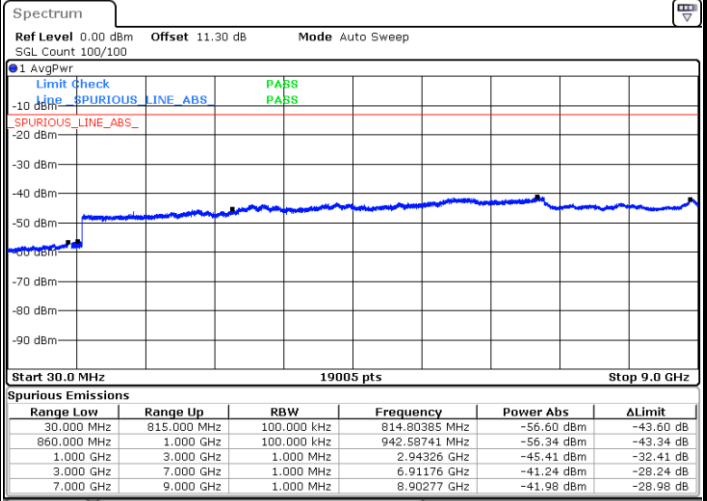
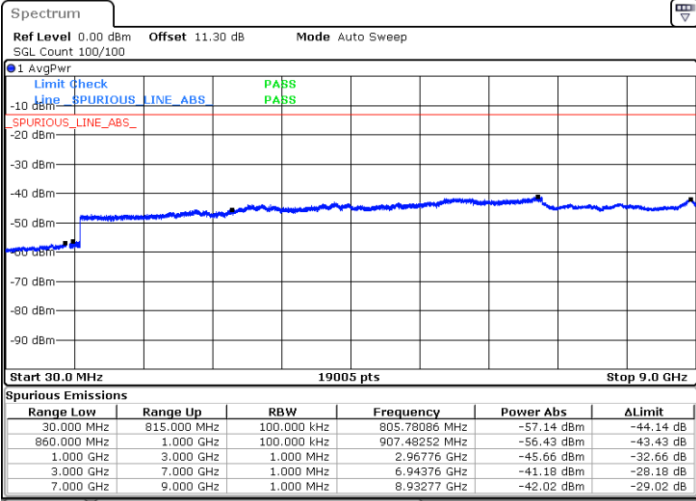


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0

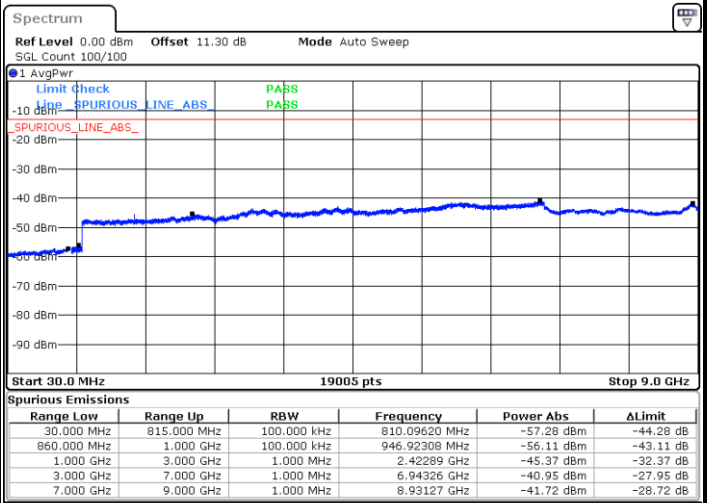
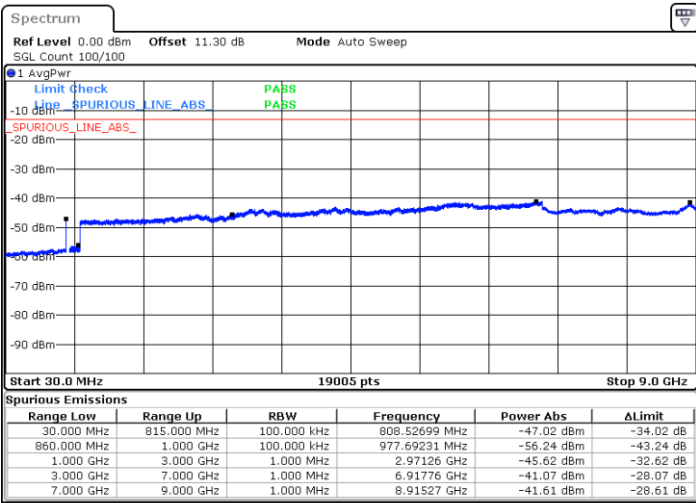


Date: 11.JUN.2021 11:52:00

Date: 11.JUN.2021 11:50:57

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Date: 11.JUN.2021 13:50:39

Date: 11.JUN.2021 13:51:41

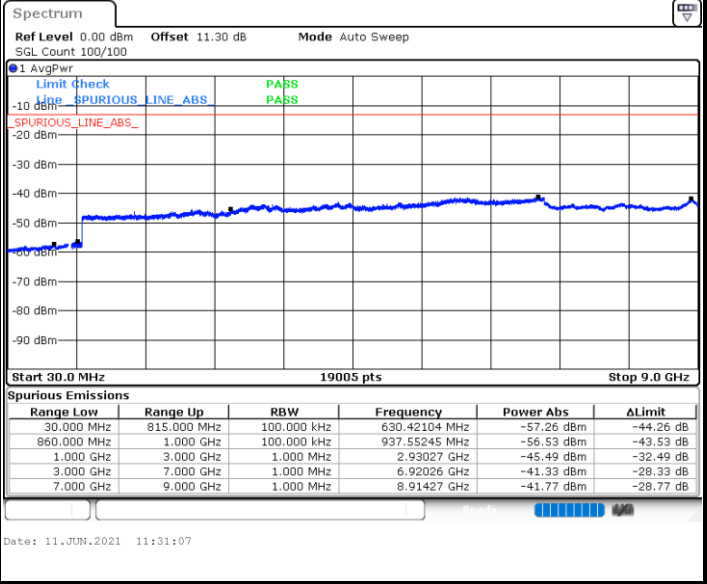
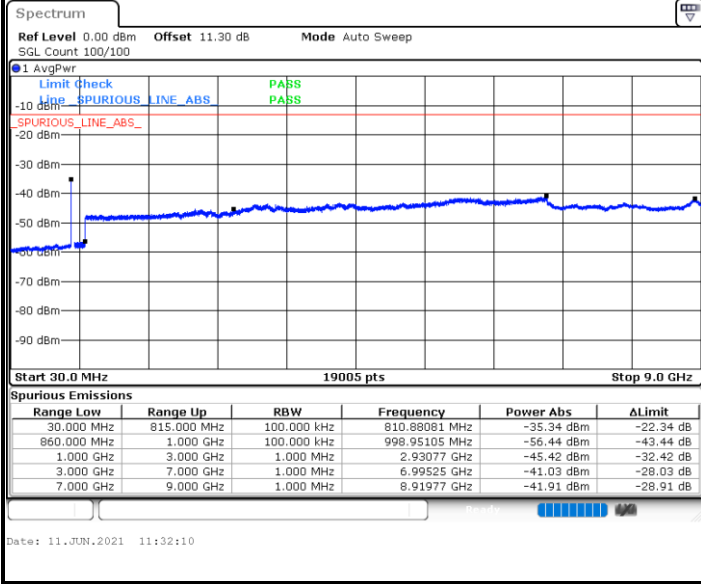


LTE Band 5B / 10MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



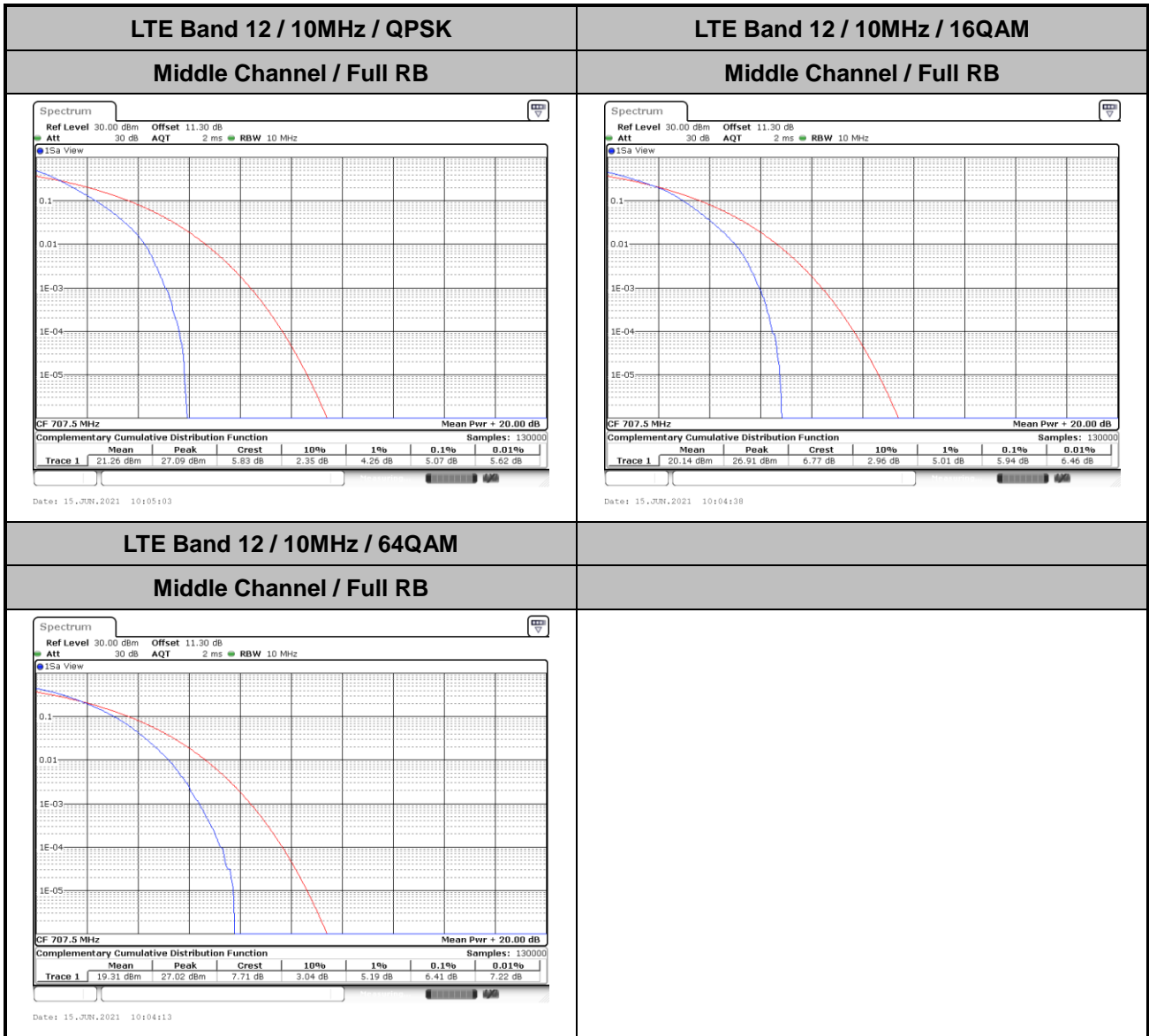


## LTE Band 12

### Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.07	5.94	6.41	<b>PASS</b>







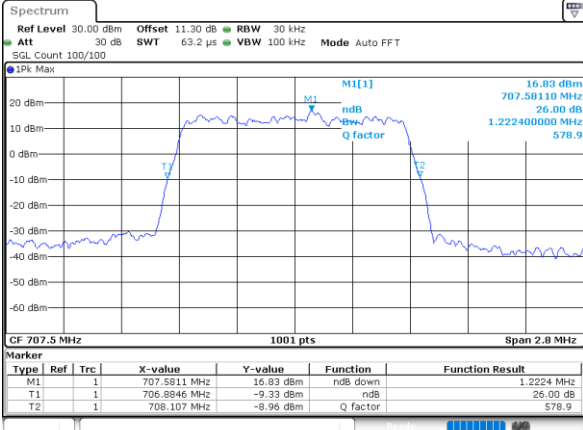
**26dB Bandwidth**

Mode	LTE Band 12 : 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	1.22	1.23	3.01	3.01	4.87	4.97	10.01	9.79	-	-	-	-
Mode	LTE Band 12 : 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	1.23	-	3.02	-	4.86	-	9.83	-	-	-	-	-



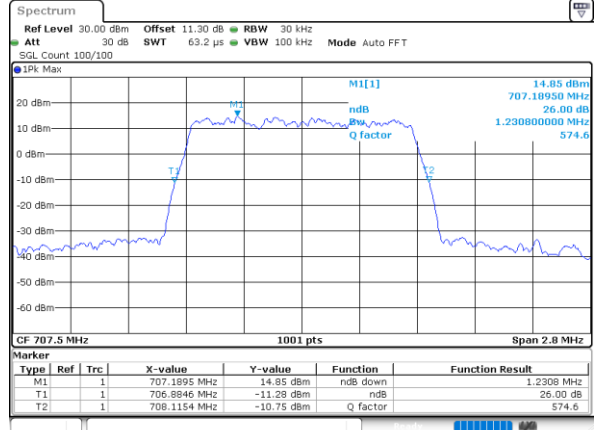
LTE Band 12

Middle Channel / 1.4MHz / QPSK



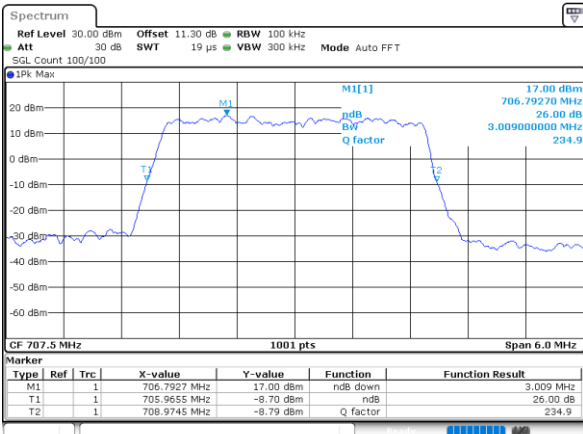
Date: 15 JUN 2021 09:09:46

Middle Channel / 1.4MHz / 16QAM



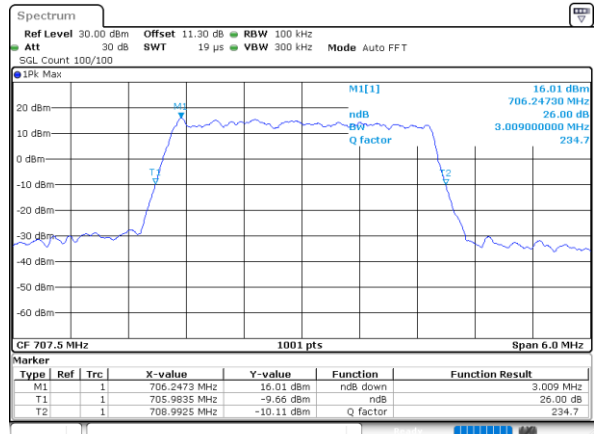
Date: 15 JUN 2021 09:10:07

Middle Channel / 3MHz / QPSK



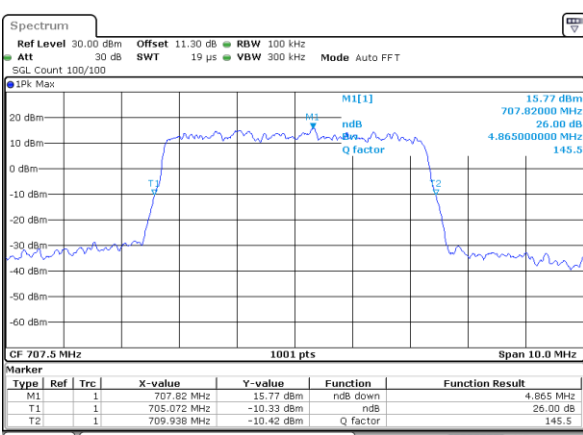
Date: 15 JUN 2021 09:24:37

Middle Channel / 3MHz / 16QAM



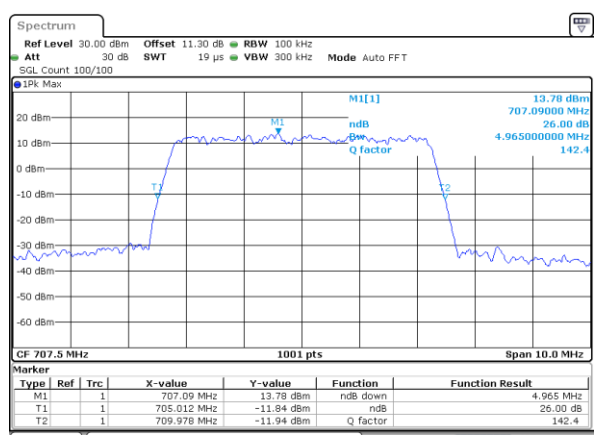
Date: 15 JUN 2021 09:24:58

Middle Channel / 5MHz / QPSK



Date: 15 JUN 2021 09:43:35

Middle Channel / 5MHz / 16QAM

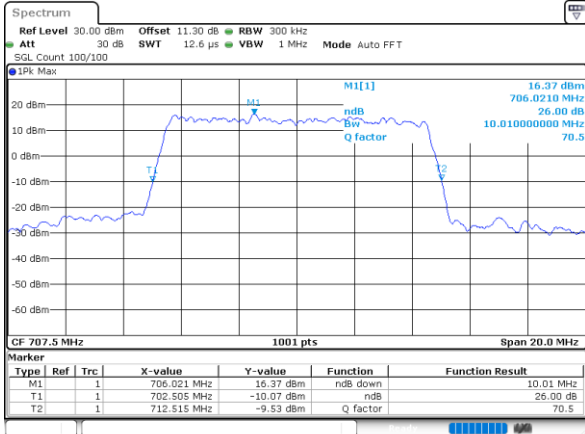


Date: 15 JUN 2021 09:43:56



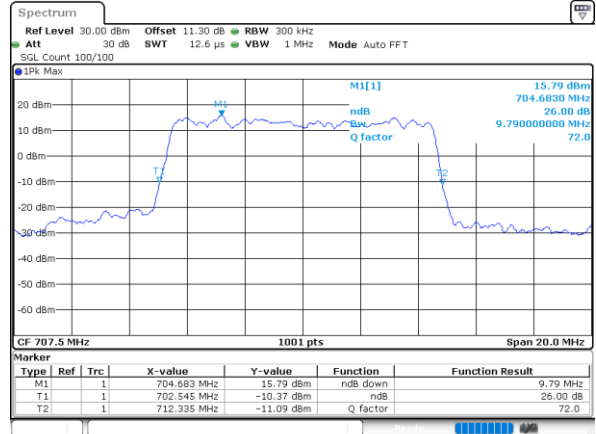
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 15 JUN 2021 09:54:18

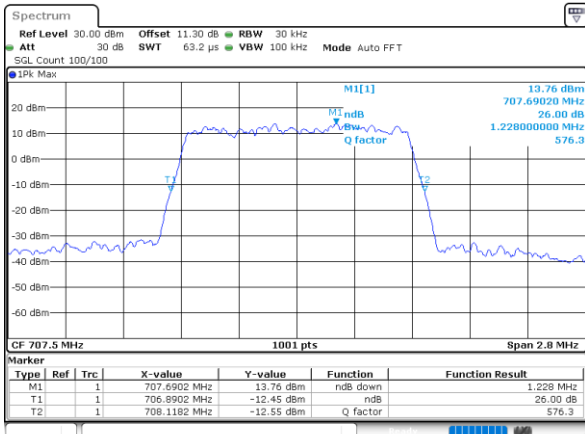
Middle Channel / 10MHz / 16QAM



Date: 15 JUN 2021 09:54:39

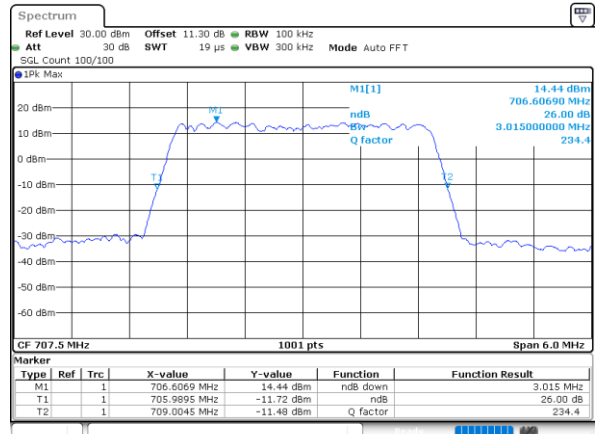
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



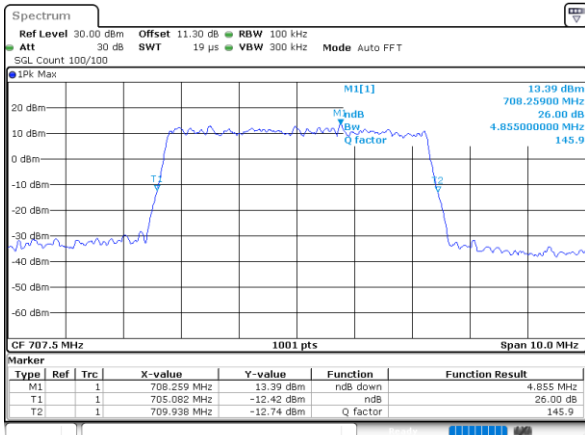
Date: 15 JUN 2021 09:17:36

Middle Channel / 3MHz / 64QAM



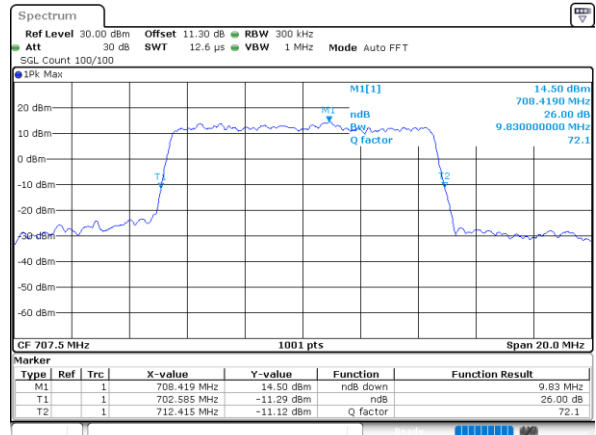
Date: 15 JUN 2021 09:13:28

Middle Channel / 5MHz / 64QAM



Date: 15 JUN 2021 09:36:34

Middle Channel / 10MHz / 64QAM



Date: 15 JUN 2021 10:02:09



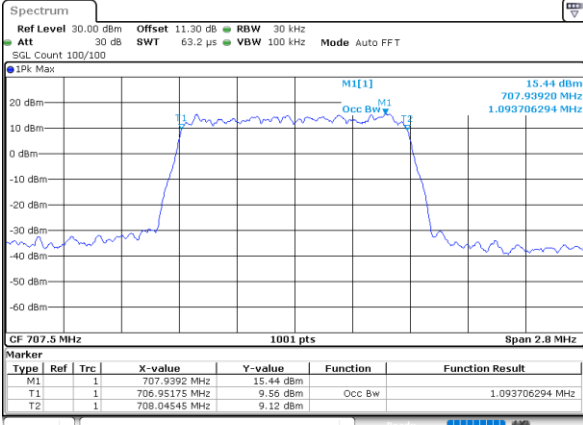
**Occupied Bandwidth**

Mode	LTE Band 12 : 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	1.09	1.09	2.72	2.70	4.49	4.50	9.05	8.99	-	-	-	-
Mode	LTE Band 12 : 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	1.09	-	2.73	-	4.55	-	9.05	-	-	-	-	-



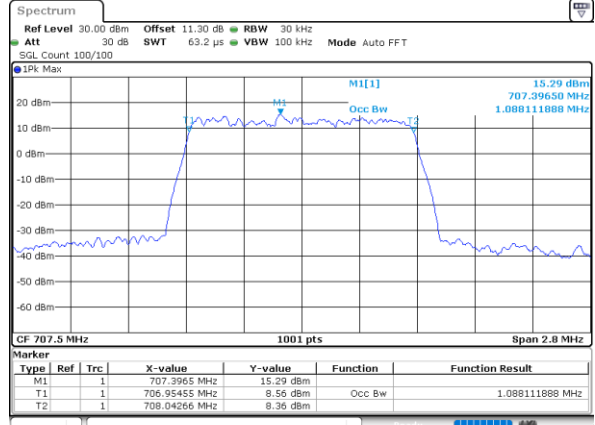
LTE Band 12

Middle Channel / 1.4MHz / QPSK



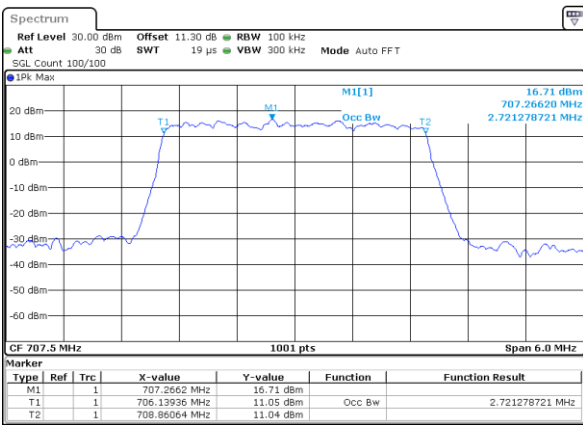
Date: 15 JUN 2021 09:09:23

Middle Channel / 1.4MHz / 16QAM



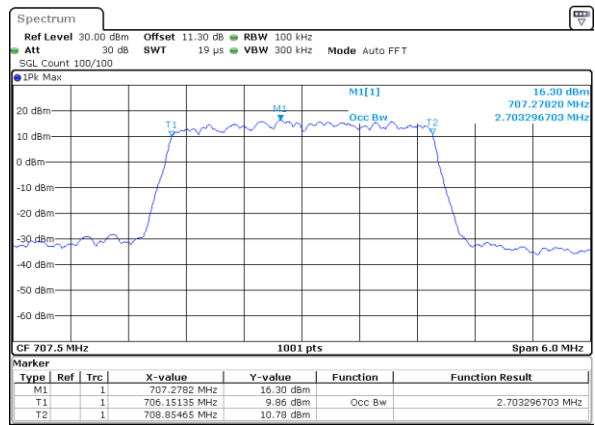
Date: 15 JUN 2021 09:10:01

Middle Channel / 3MHz / QPSK



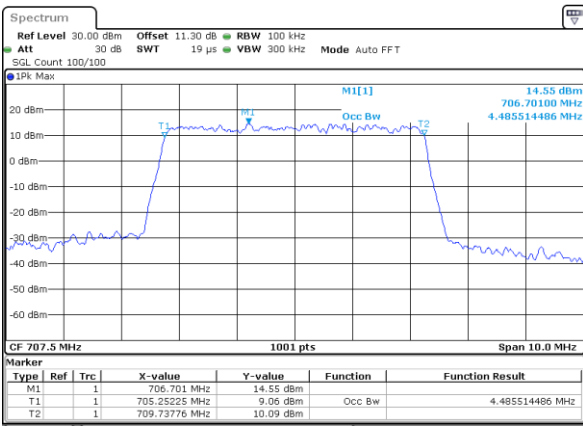
Date: 15 JUN 2021 09:24:14

Middle Channel / 3MHz / 16QAM



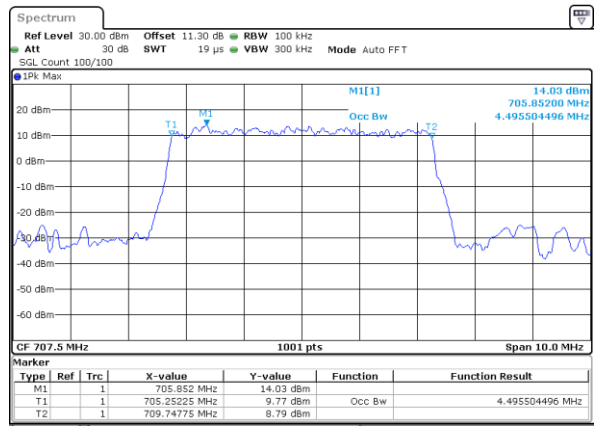
Date: 15 JUN 2021 09:23:52

Middle Channel / 5MHz / QPSK



Date: 15 JUN 2021 09:43:13

Middle Channel / 5MHz / 16QAM

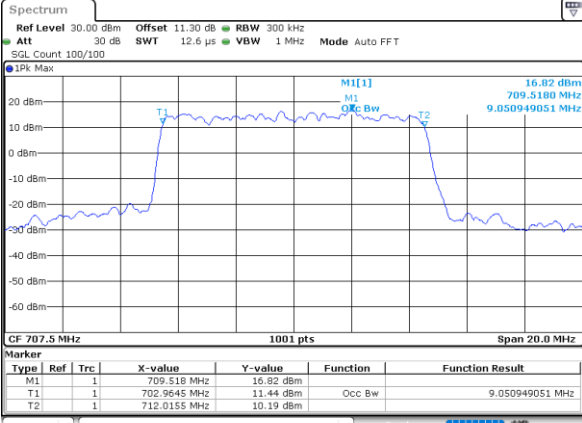


Date: 15 JUN 2021 09:42:50



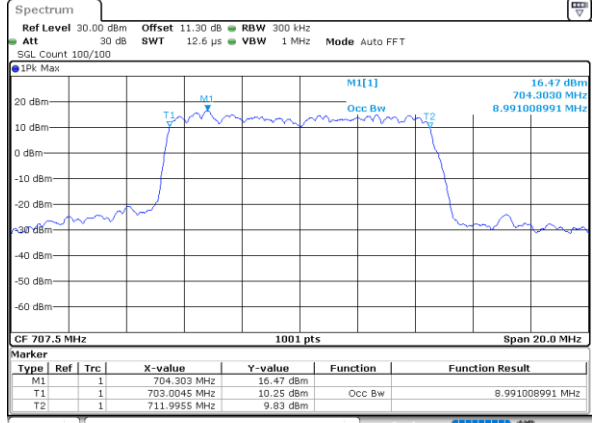
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 15 JUN 2021 09:53:56

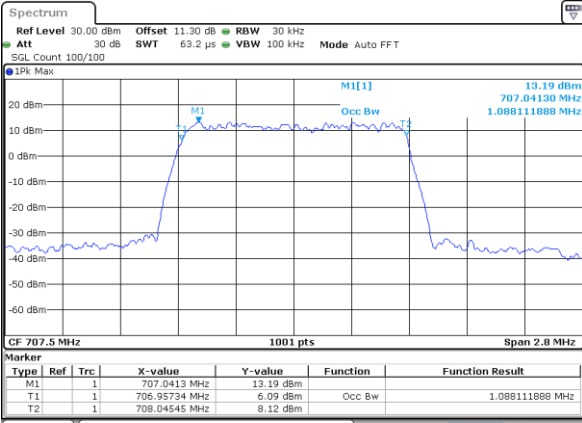
Middle Channel / 10MHz / 16QAM



Date: 15 JUN 2021 09:53:33

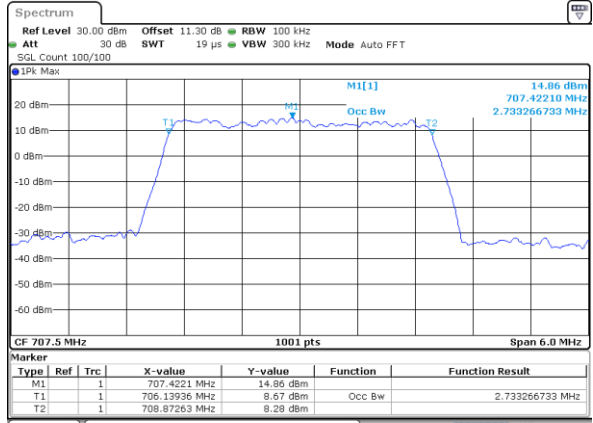
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



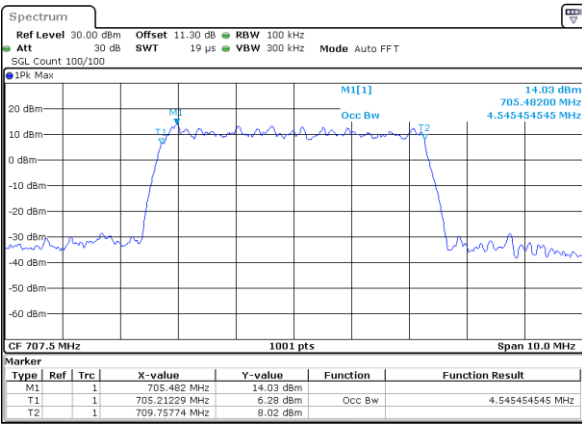
Date: 15 JUN 2021 09:17:13

Middle Channel / 3MHz / 64QAM



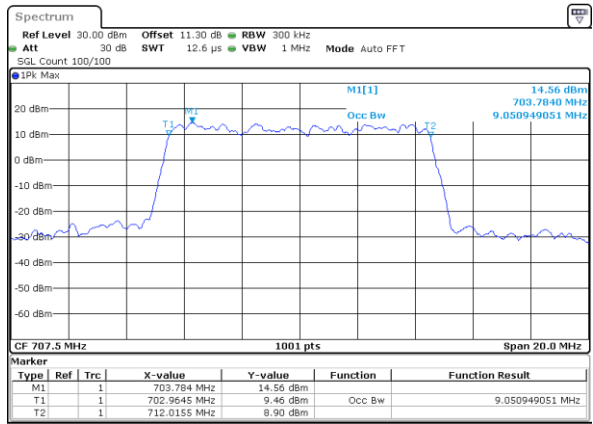
Date: 15 JUN 2021 09:32:06

Middle Channel / 5MHz / 64QAM



Date: 15 JUN 2021 09:36:12

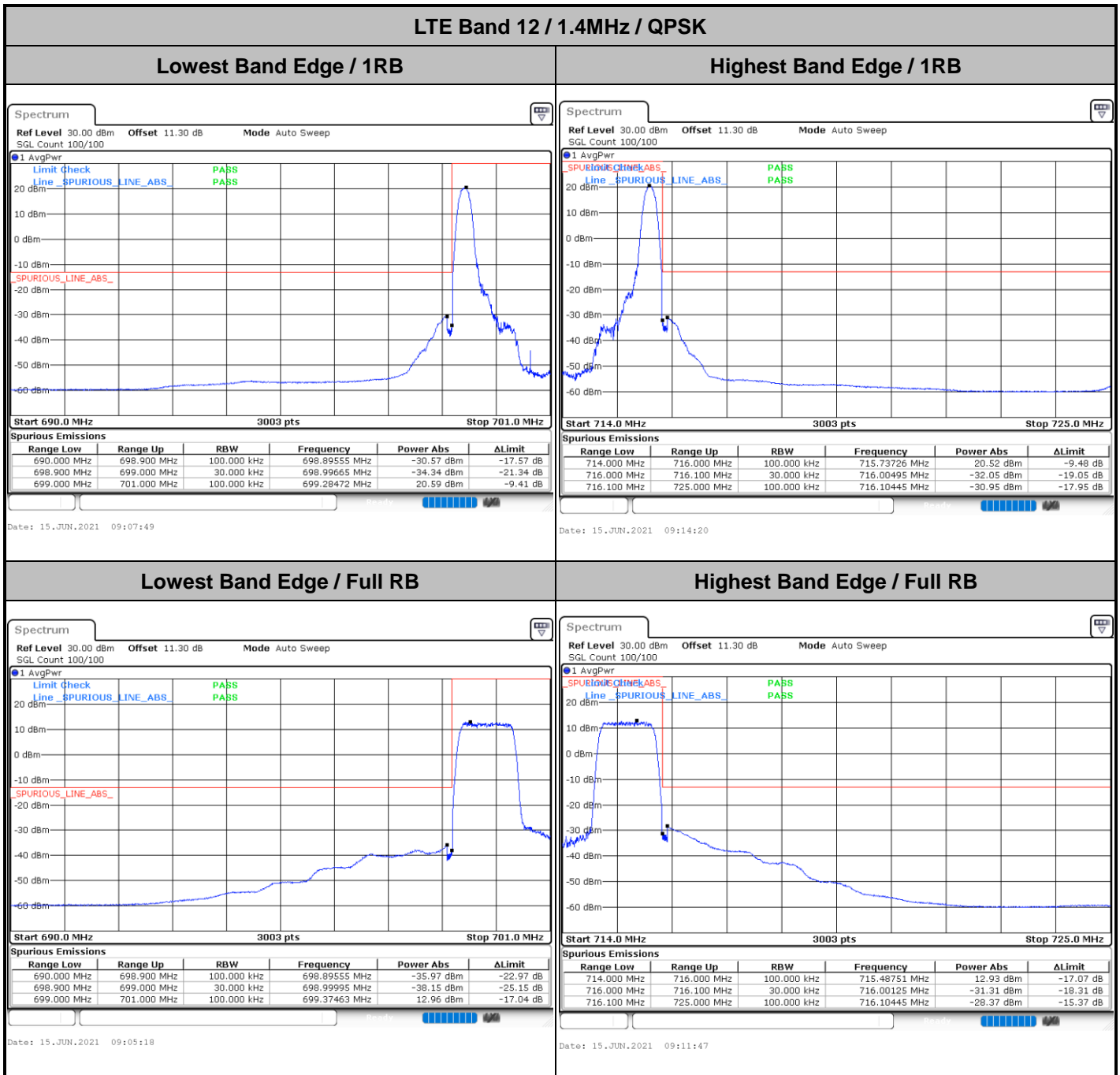
Middle Channel / 10MHz / 64QAM



Date: 15 JUN 2021 10:01:46



# Conducted Band Edge

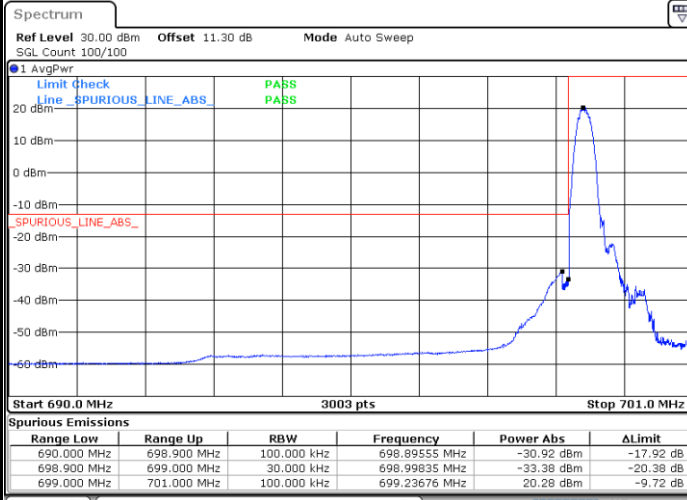






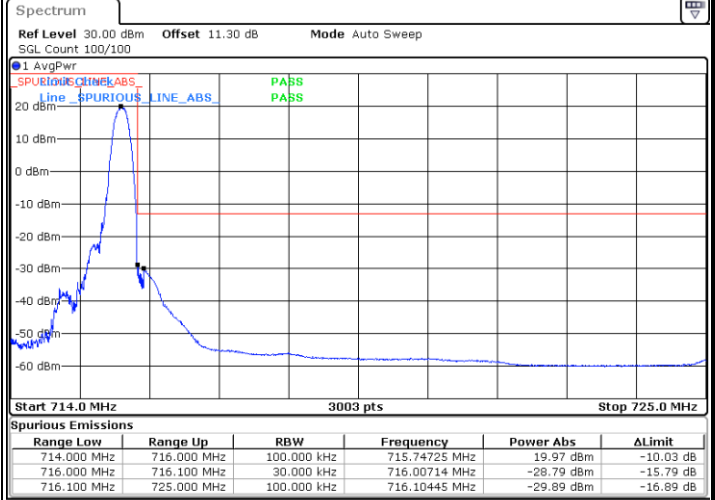
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



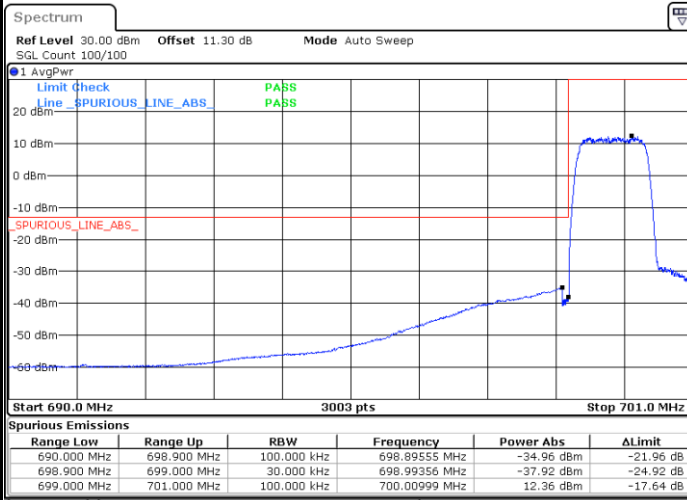
Date: 15 JUN 2021 09:06:59

Highest Band Edge / 1 RB



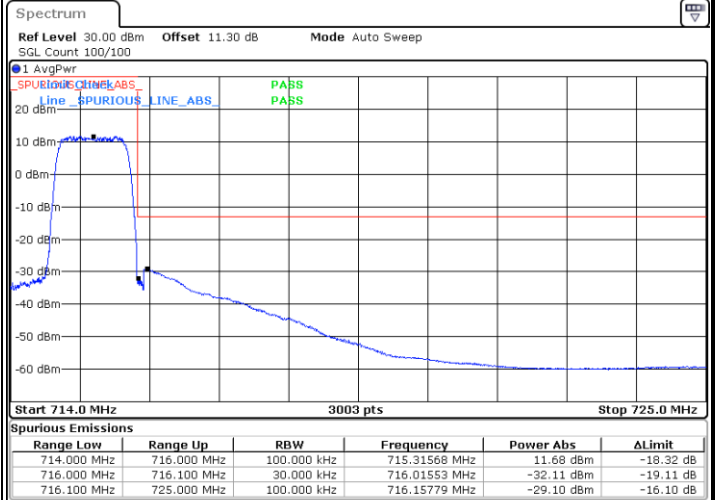
Date: 15 JUN 2021 09:13:29

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:06:08

Highest Band Edge / Full RB

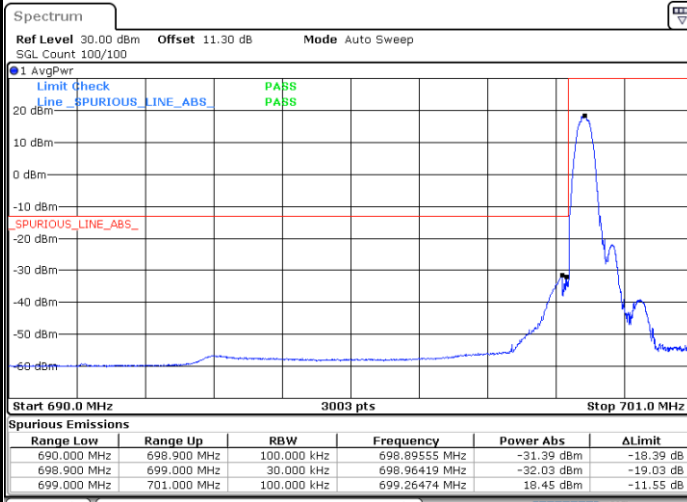


Date: 15 JUN 2021 09:12:39



LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



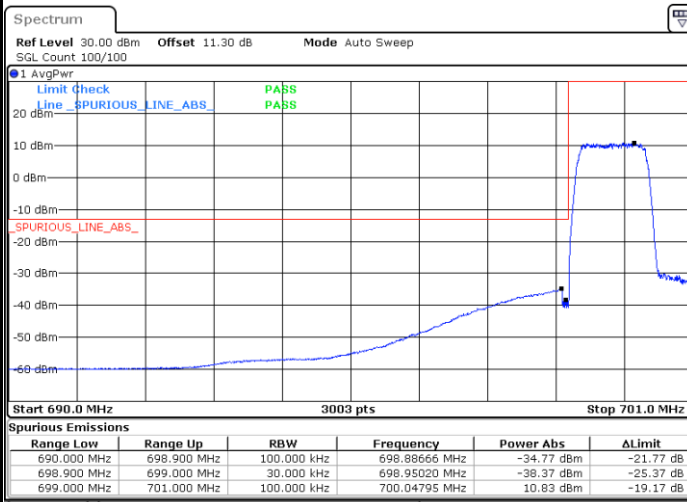
Date: 15 JUN 2021 09:16:52

Highest Band Edge / 1 RB



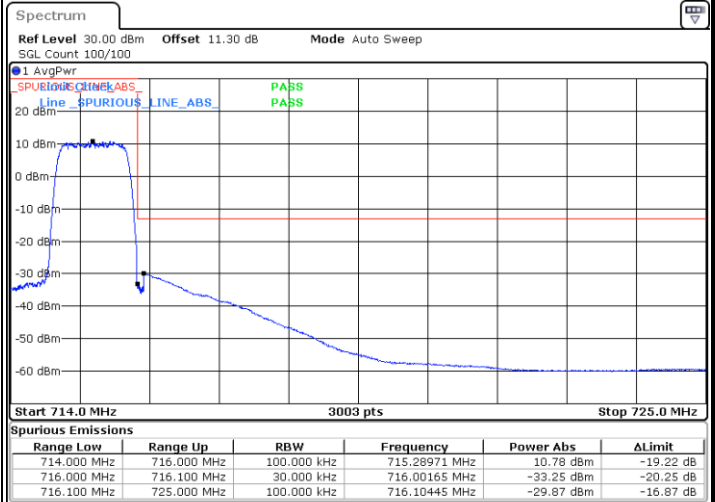
Date: 15 JUN 2021 09:19:17

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:16:02

Highest Band Edge / Full RB

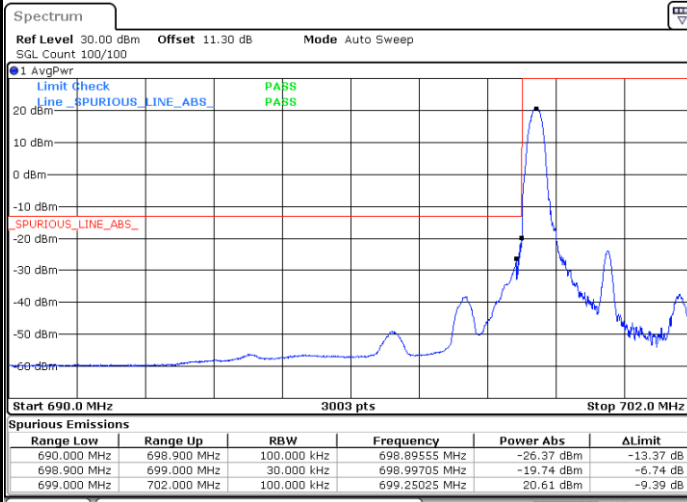


Date: 15 JUN 2021 09:18:26



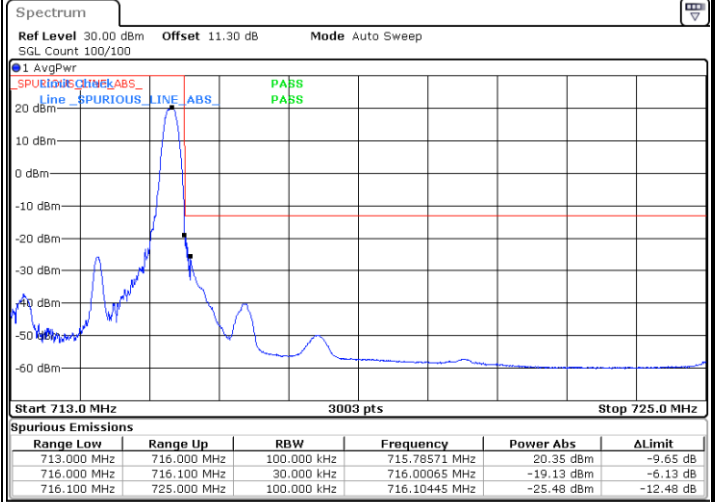
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



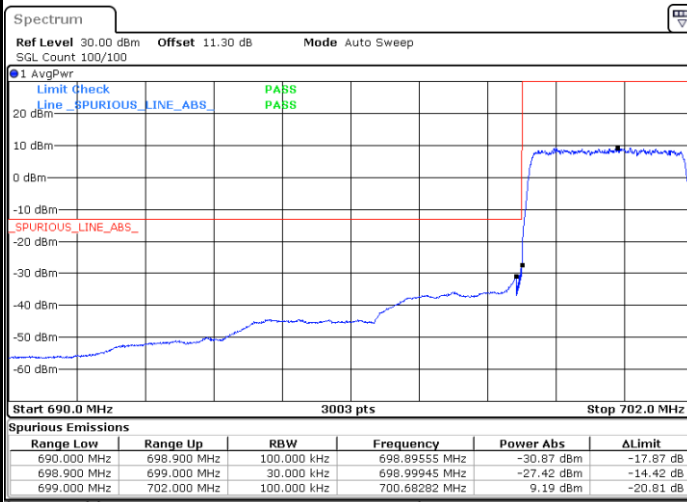
Date: 15 JUN 2021 09:22:39

Highest Band Edge / 1 RB



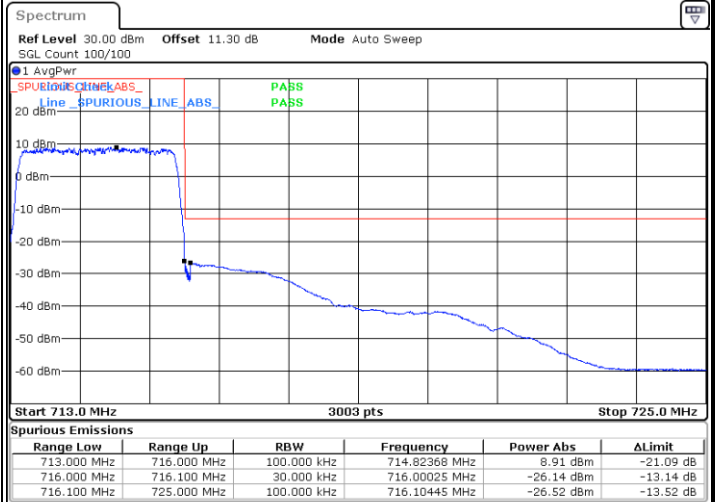
Date: 15 JUN 2021 09:29:12

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:20:08

Highest Band Edge / Full RB

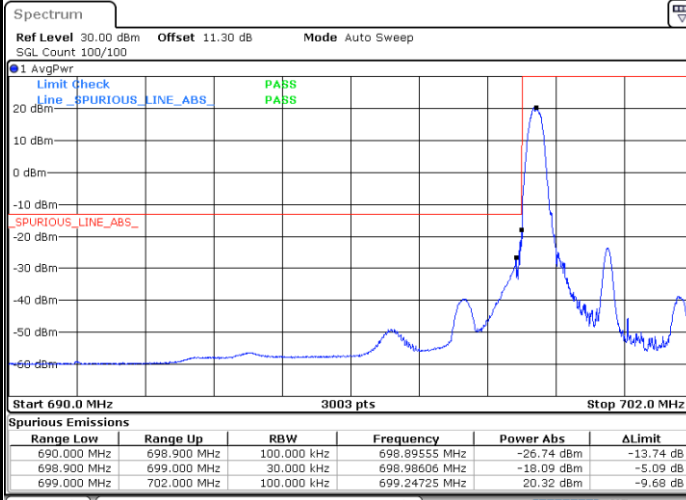


Date: 15 JUN 2021 09:26:38



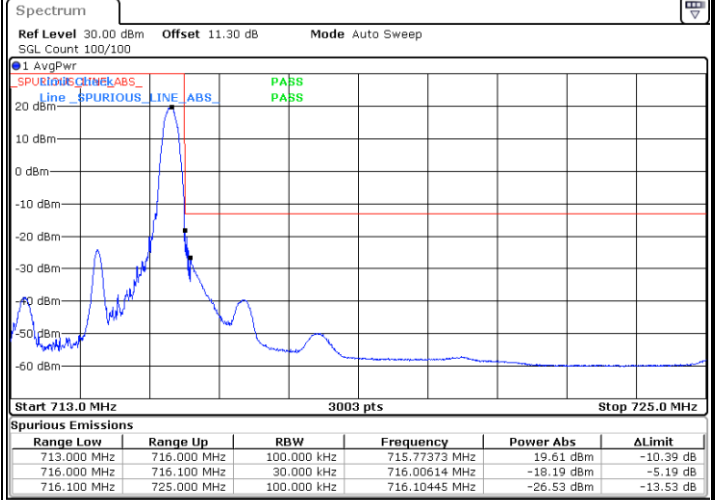
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



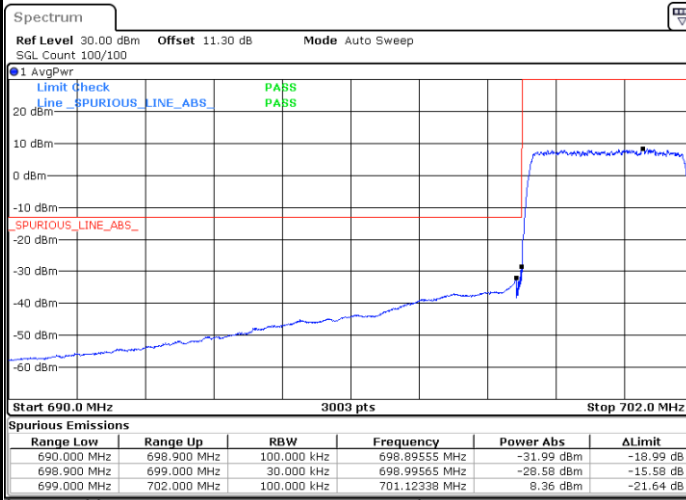
Date: 15 JUN 2021 09:21:49

Highest Band Edge / 1 RB



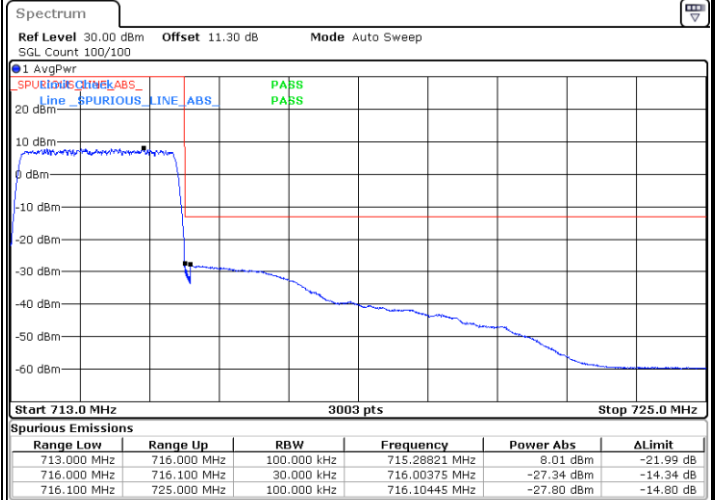
Date: 15 JUN 2021 09:28:21

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:20:59

Highest Band Edge / Full RB

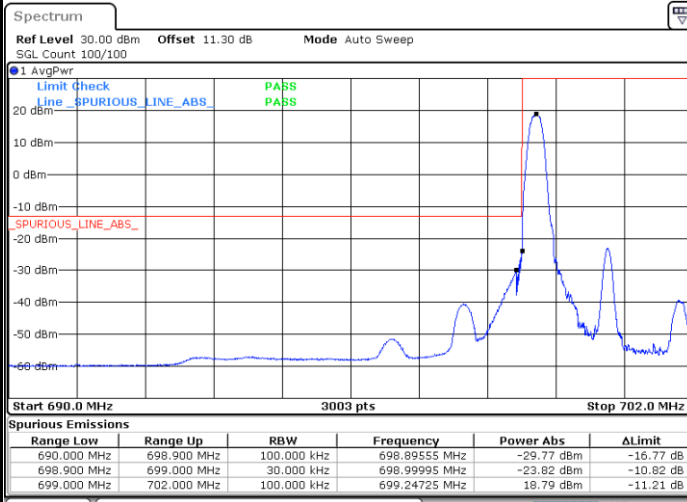


Date: 15 JUN 2021 09:27:30



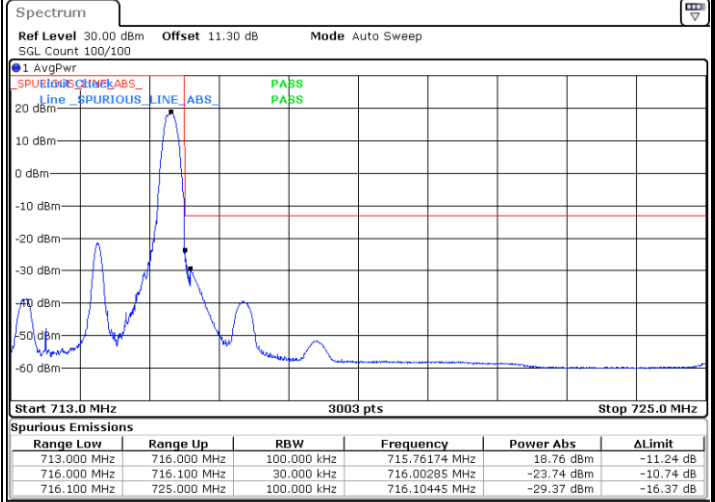
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



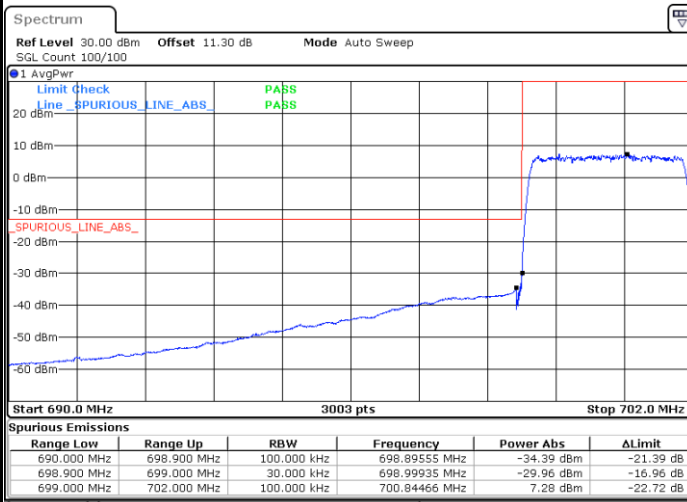
Date: 15 JUN 2021 09:31:44

Highest Band Edge / 1 RB



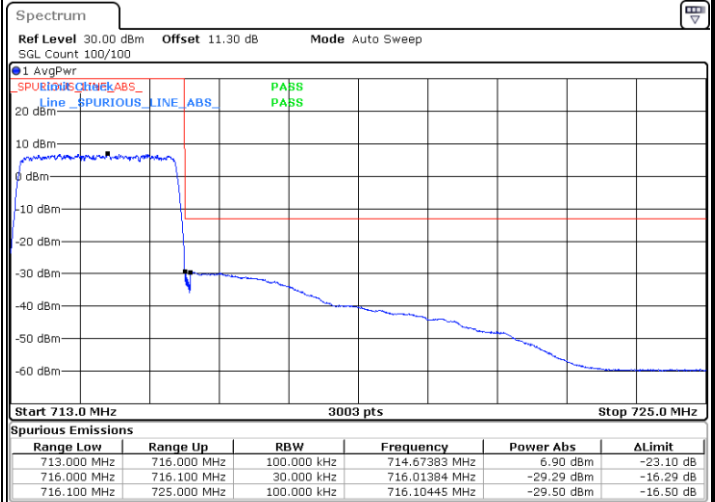
Date: 15 JUN 2021 09:34:09

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:30:53

Highest Band Edge / Full RB

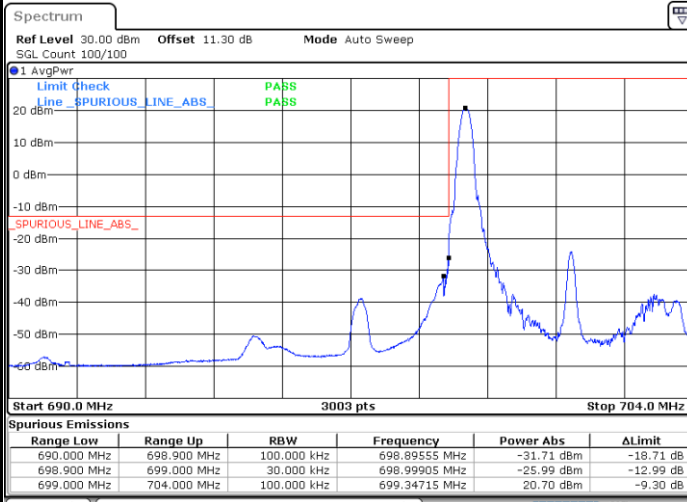


Date: 15 JUN 2021 09:33:18



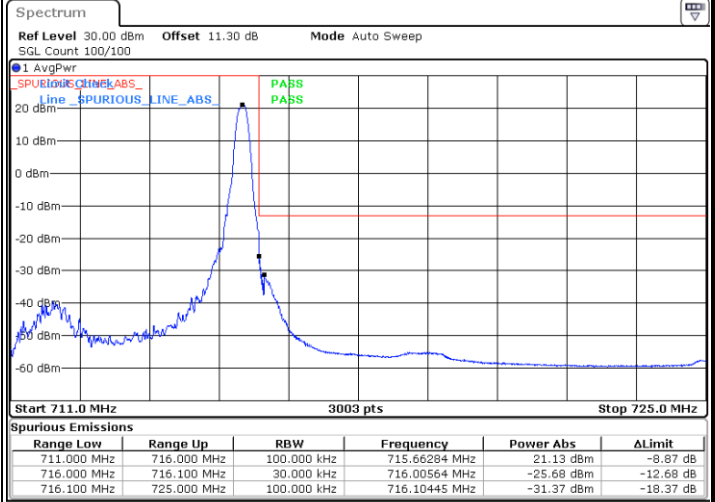
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



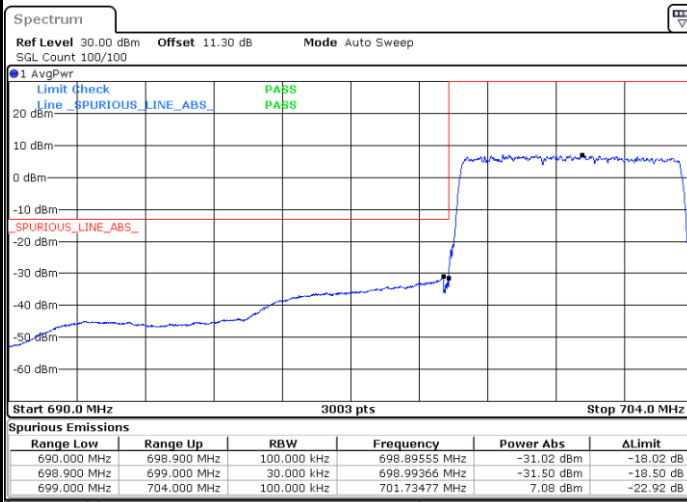
Date: 15 JUN 2021 09:41:38

Highest Band Edge / 1 RB



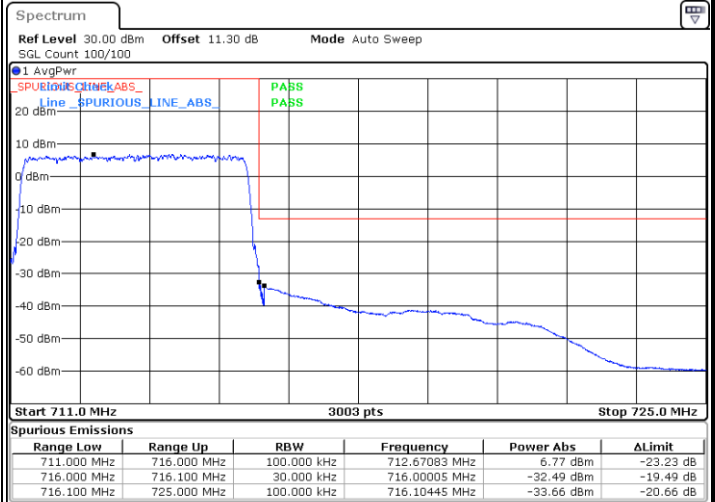
Date: 17 JUN 2021 09:37:56

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:39:07

Highest Band Edge / Full RB



Date: 15 JUN 2021 09:45:36