

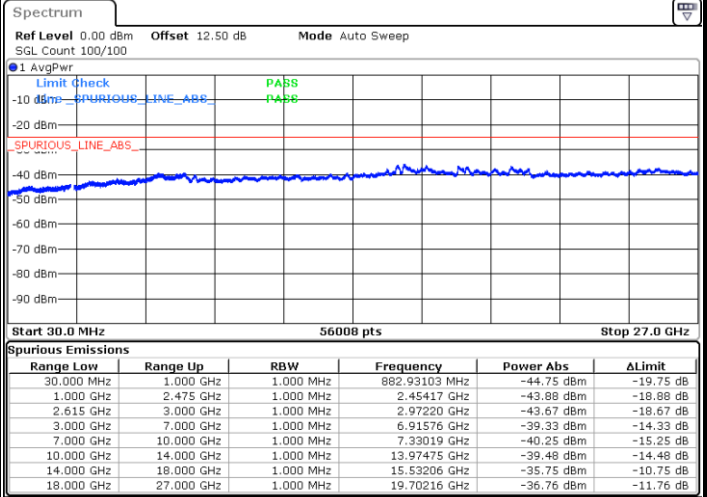
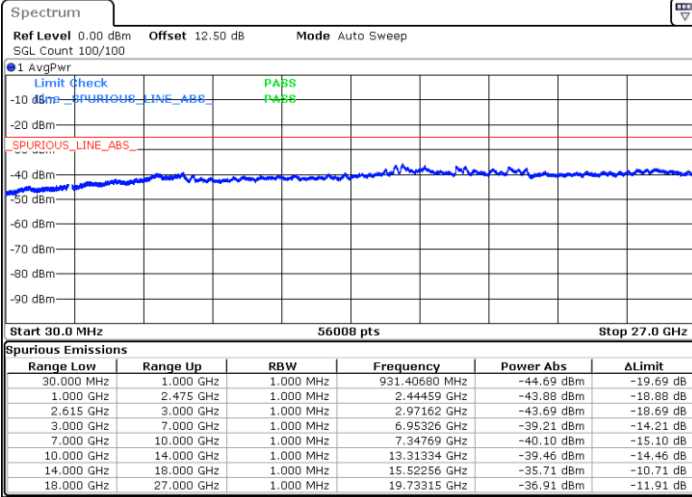


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

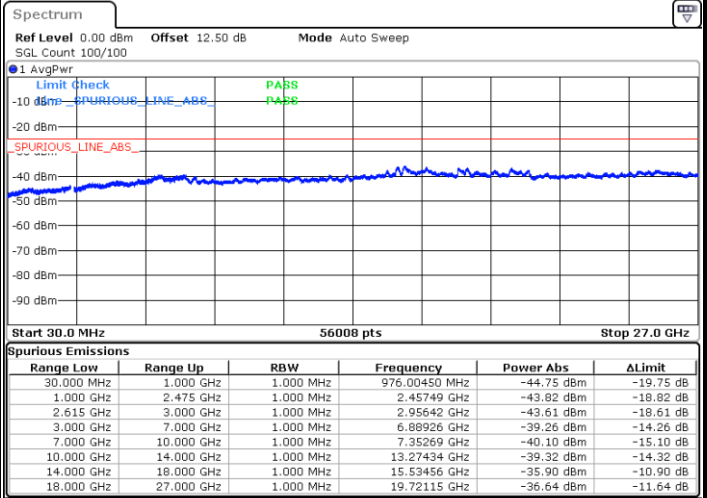
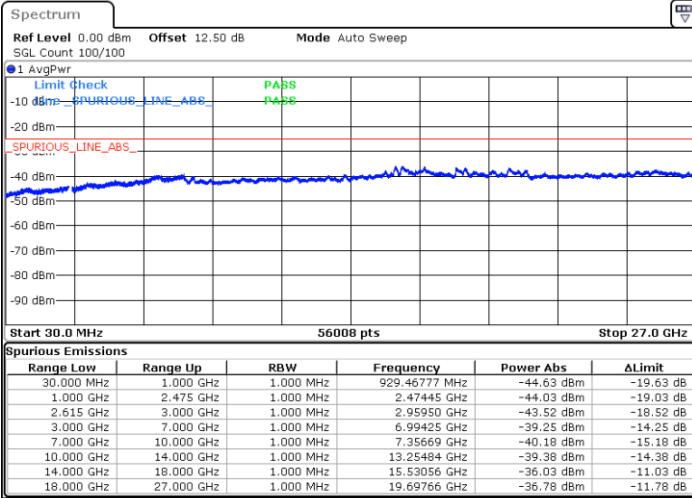


Date: 7.SEP.2022 20:06:49

Date: 7.SEP.2022 20:05:40

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 7.SEP.2022 20:09:23

Date: 7.SEP.2022 20:10:30

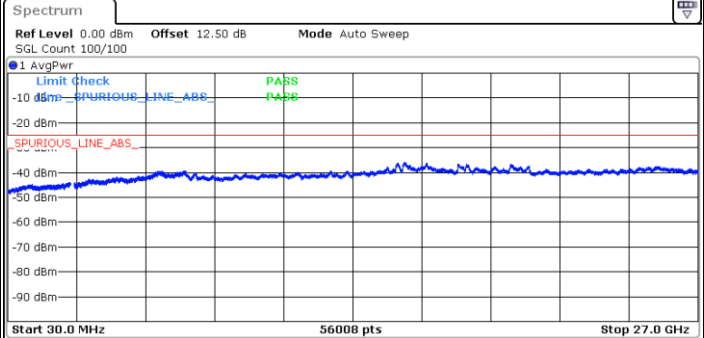
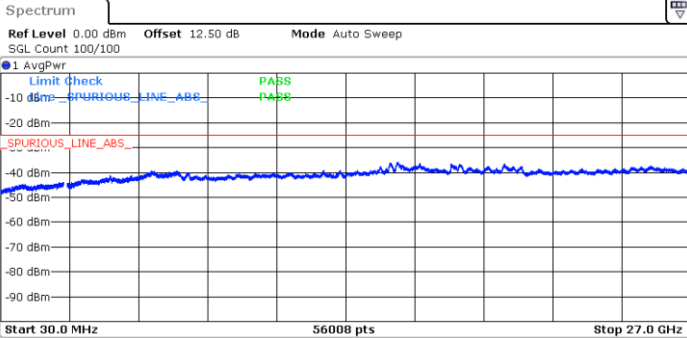


LTE Band 7C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-44.84 dBm	-19.84 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46265 GHz	-43.97 dBm	-18.97 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95815 GHz	-43.53 dBm	-18.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-39.27 dBm	-14.27 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35169 GHz	-40.12 dBm	-15.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28534 GHz	-38.98 dBm	-13.98 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55106 GHz	-35.89 dBm	-10.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69466 GHz	-36.75 dBm	-11.75 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-44.77 dBm	-19.77 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45896 GHz	-43.93 dBm	-18.93 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96239 GHz	-43.68 dBm	-18.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-39.38 dBm	-14.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35719 GHz	-40.05 dBm	-15.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28734 GHz	-39.32 dBm	-14.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54756 GHz	-35.80 dBm	-10.80 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69666 GHz	-36.45 dBm	-11.45 dB

Date: 7.SEP.2022 19:50:29

Date: 7.SEP.2022 19:49:10

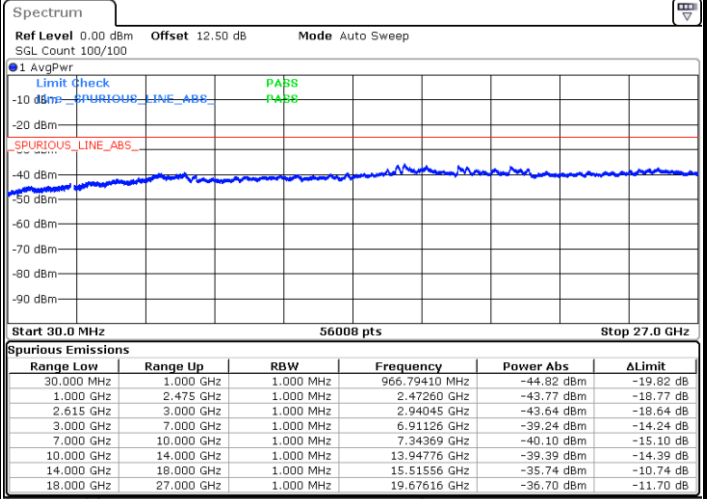
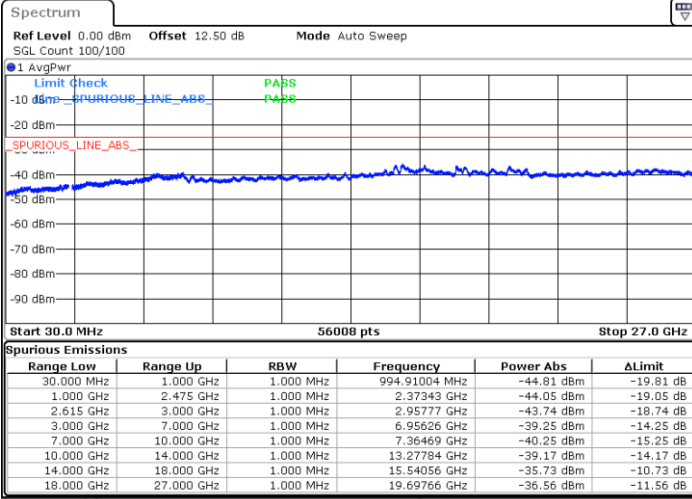


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

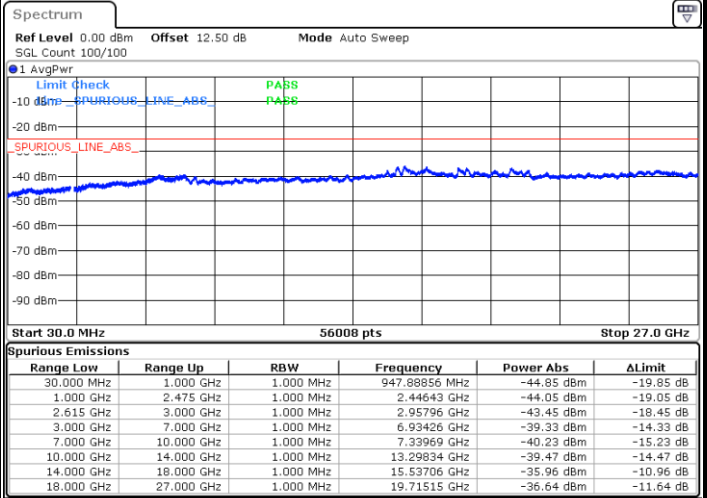
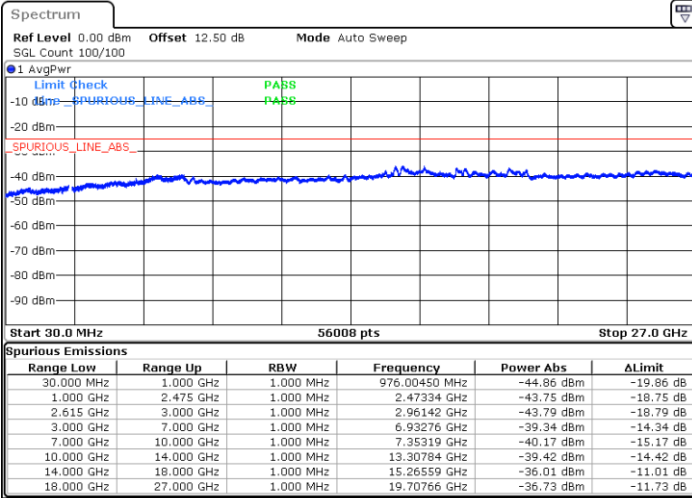


Date: 8.SEP.2022 01:36:33

Date: 8.SEP.2022 01:35:25

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 8.SEP.2022 01:39:07

Date: 8.SEP.2022 01:40:15

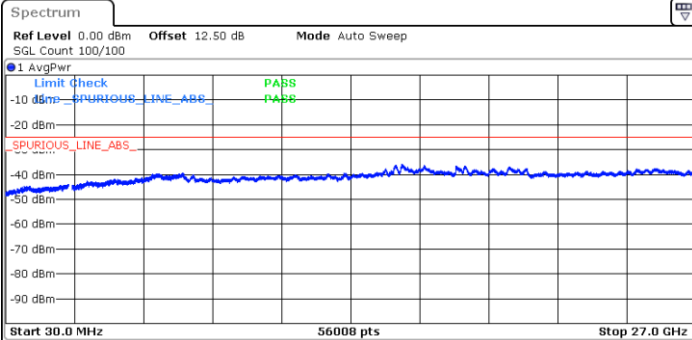


LTE Band 7C / 20MHz+15MHz

QPSK

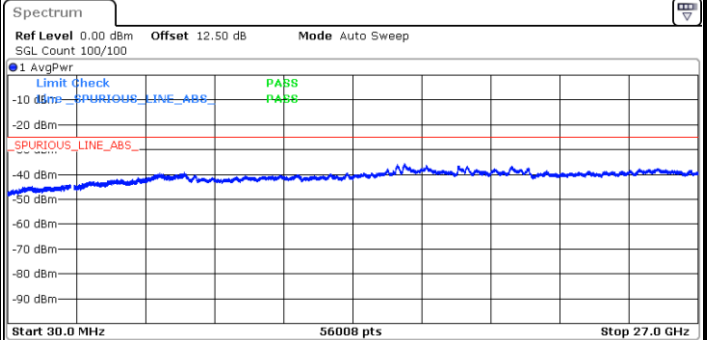
Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29985 MHz	-44.57 dBm	-19.57 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45675 GHz	-43.86 dBm	-18.86 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96085 GHz	-43.62 dBm	-18.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-39.27 dBm	-14.27 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34619 GHz	-40.21 dBm	-15.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29584 GHz	-39.45 dBm	-14.45 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53606 GHz	-35.98 dBm	-10.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72415 GHz	-36.83 dBm	-11.83 dB

Date: 8.SEP.2022 01:25:34



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-44.72 dBm	-19.72 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43942 GHz	-44.00 dBm	-19.00 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95892 GHz	-43.59 dBm	-18.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91276 GHz	-39.19 dBm	-14.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.36469 GHz	-40.23 dBm	-15.23 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28034 GHz	-39.39 dBm	-14.39 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54256 GHz	-35.66 dBm	-10.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71715 GHz	-36.77 dBm	-11.77 dB

Date: 8.SEP.2022 01:24:25

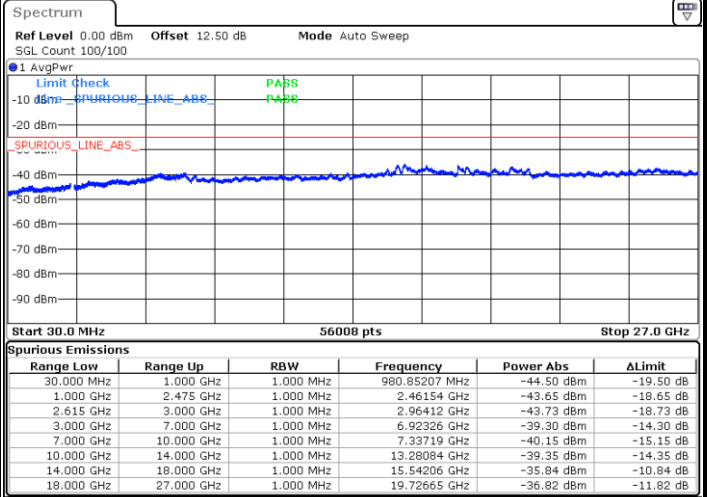
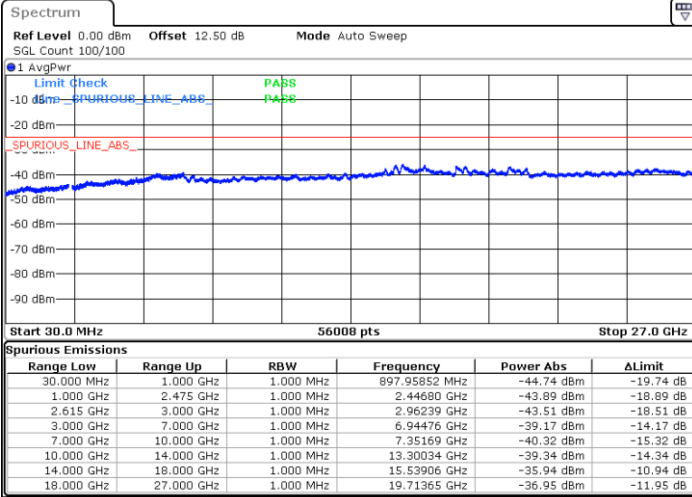


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

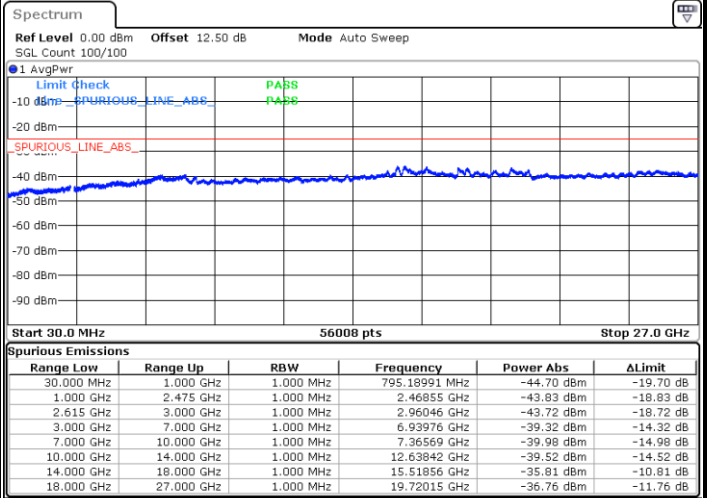
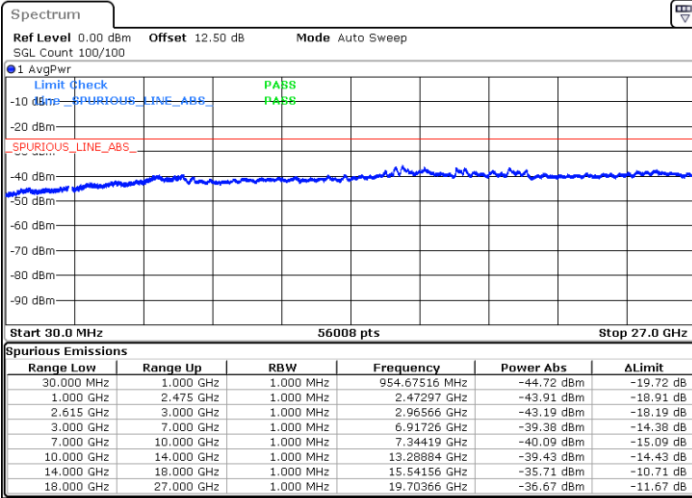


Date: 8.SEP.2022 02:47:32

Date: 8.SEP.2022 02:46:24

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 8.SEP.2022 02:50:06

Date: 8.SEP.2022 02:51:14

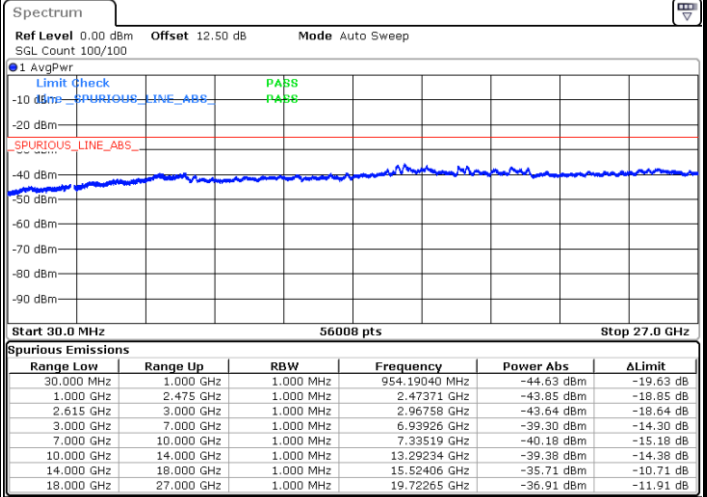
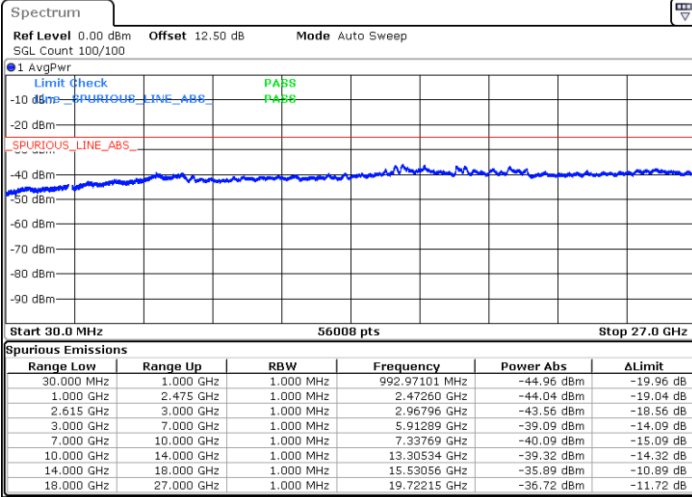


LTE Band 7C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 8.SEP.2022 02:36:33

Date: 8.SEP.2022 02:35:25



## LTE Band 12

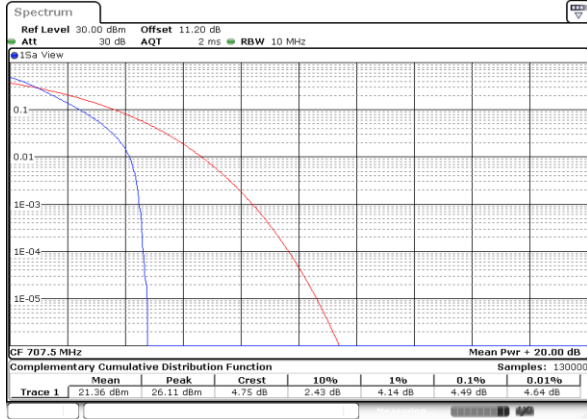
### Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.49	5.62	6.12	6.41	<b>PASS</b>



LTE Band 12 / 10MHz / QPSK

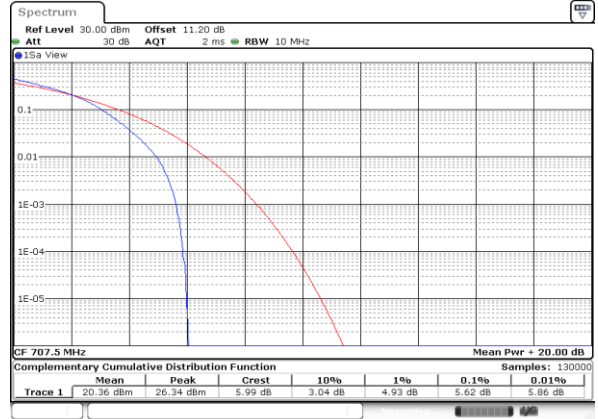
Middle Channel / Full RB



Date: 14.AUG.2022 03:22:08

LTE Band 12 / 10MHz / 16QAM

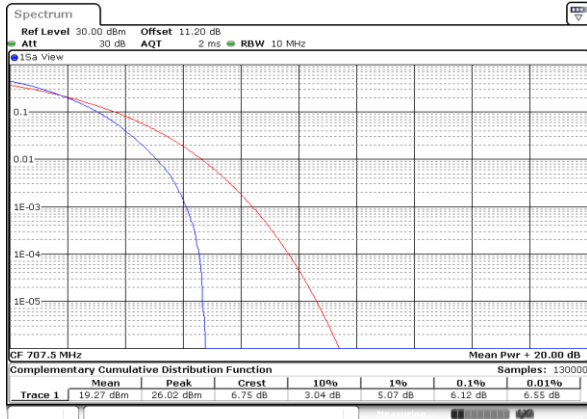
Middle Channel / Full RB



Date: 14.AUG.2022 03:21:37

LTE Band 12 / 10MHz / 64QAM

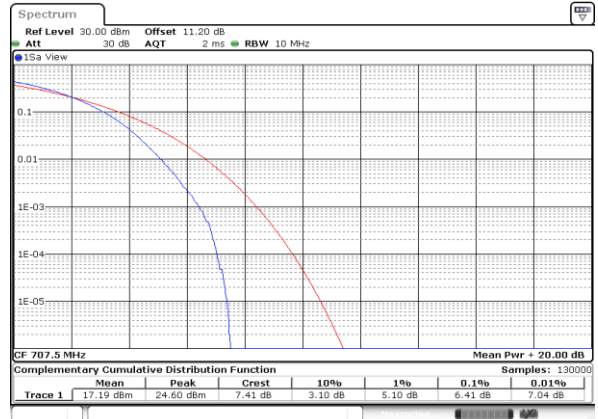
Middle Channel / Full RB



Date: 14.AUG.2022 03:21:05

LTE Band 12 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 15.AUG.2022 09:51:48





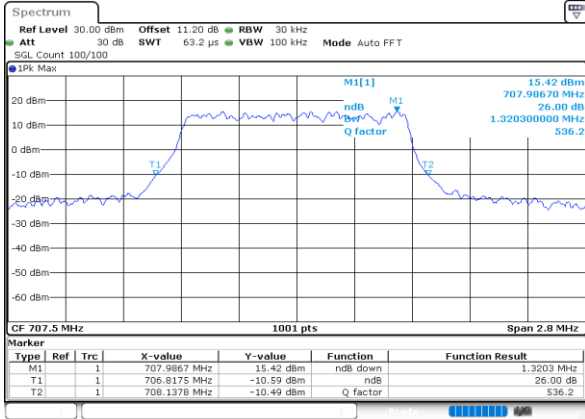
**26dB Bandwidth**

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	1.32	1.33	3.06	3.15	4.92	4.94	9.95	10.09	-	-	-	-
Mode	LTE Band 12 : 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	1.33	1.33	3.09	3.07	5.08	4.97	9.97	9.95	-	-	-	-



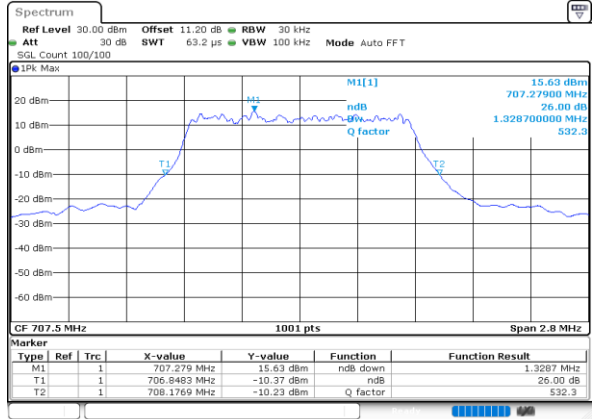
LTE Band 12

Middle Channel / 1.4MHz / QPSK



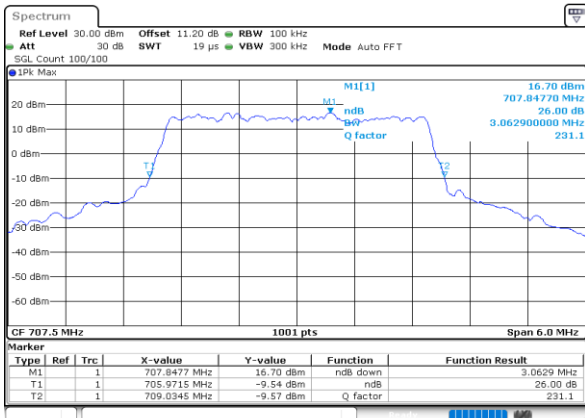
Date: 14.AUG.2022 02:22:28

Middle Channel / 1.4MHz / 16QAM



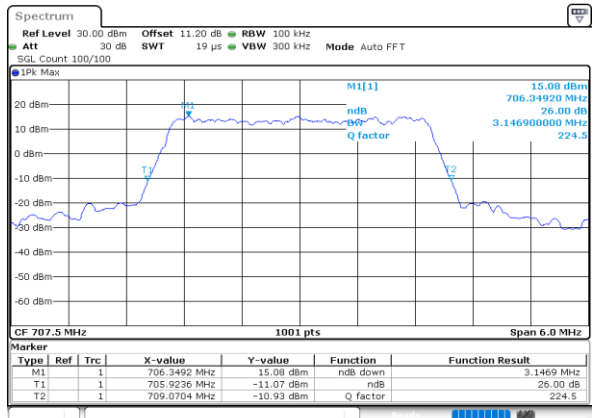
Date: 14.AUG.2022 02:22:57

Middle Channel / 3MHz / QPSK



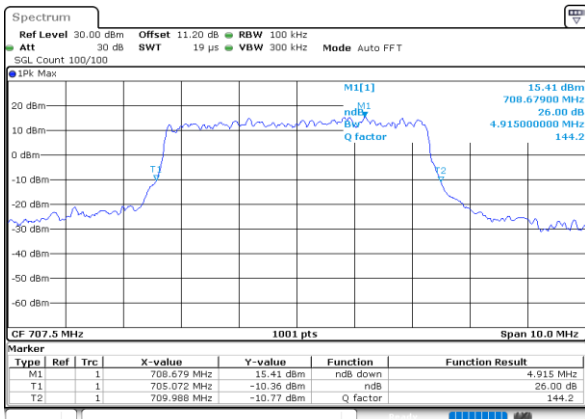
Date: 14.AUG.2022 02:38:33

Middle Channel / 3MHz / 16QAM



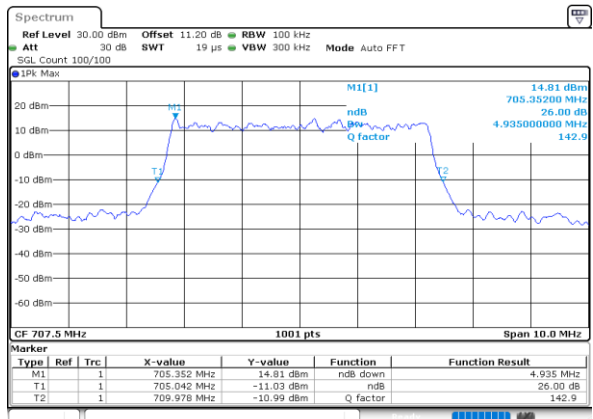
Date: 15.AUG.2022 10:11:55

Middle Channel / 5MHz / QPSK



Date: 14.AUG.2022 02:58:35

Middle Channel / 5MHz / 16QAM

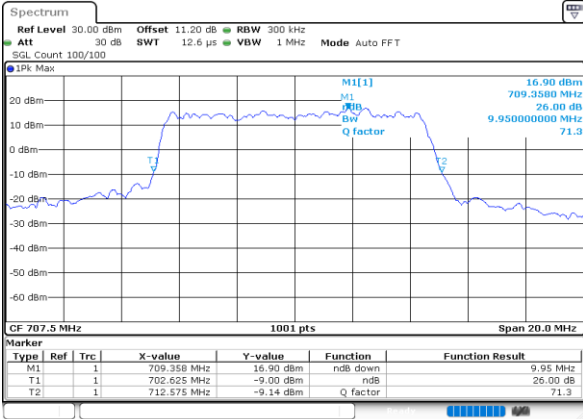


Date: 14.AUG.2022 02:59:03



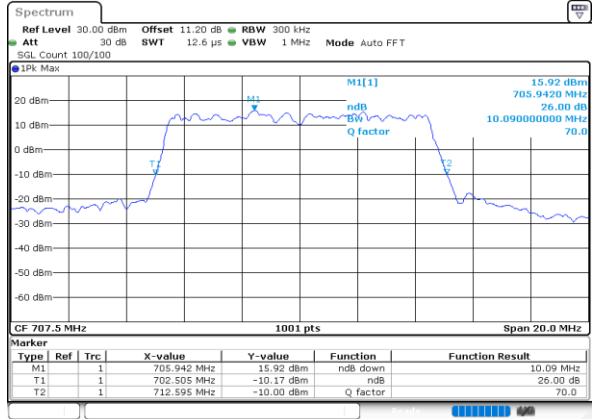
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 14.AUG.2022 03:10:18

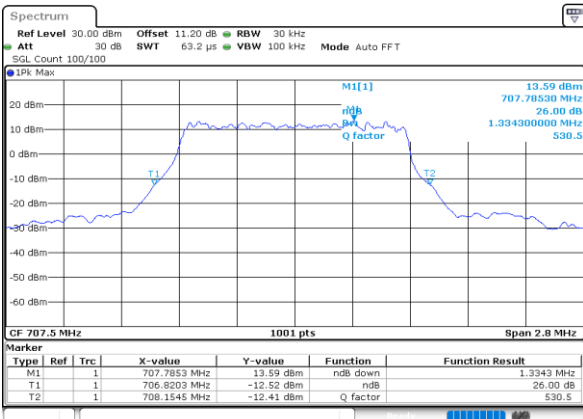
Middle Channel / 10MHz / 16QAM



Date: 15.AUG.2022 10:18:30

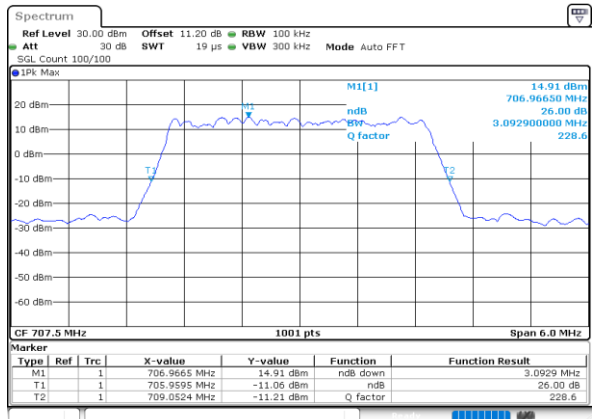
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



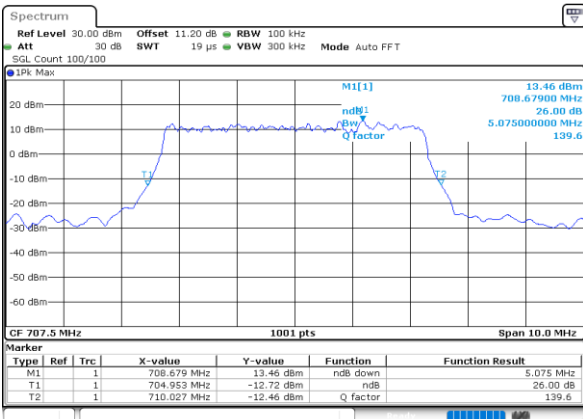
Date: 14.AUG.2022 02:31:09

Middle Channel / 3MHz / 64QAM



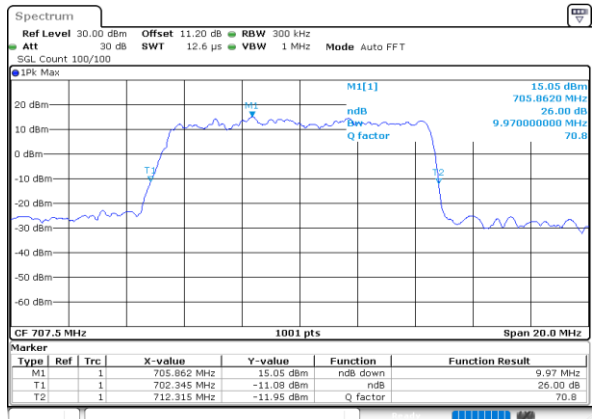
Date: 14.AUG.2022 02:47:15

Middle Channel / 5MHz / 64QAM



Date: 14.AUG.2022 02:51:26

Middle Channel / 10MHz / 64QAM

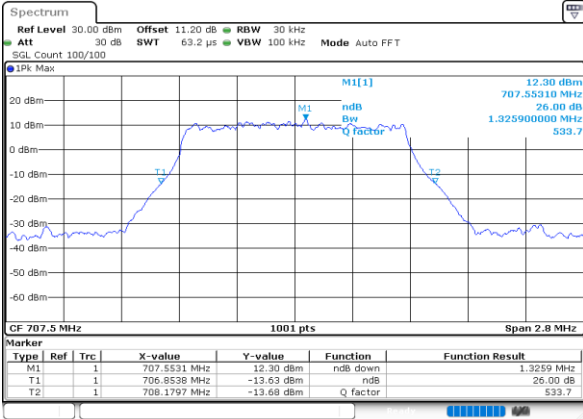


Date: 14.AUG.2022 03:18:53



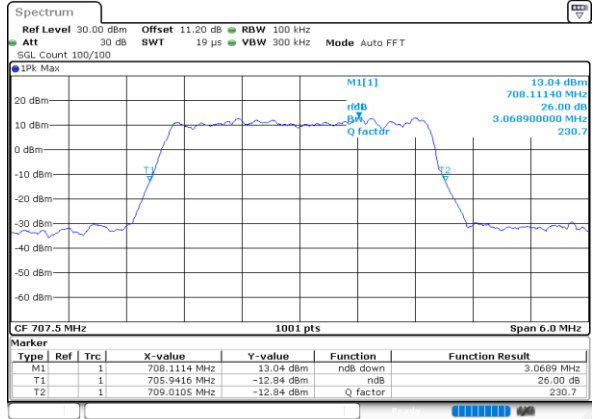
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



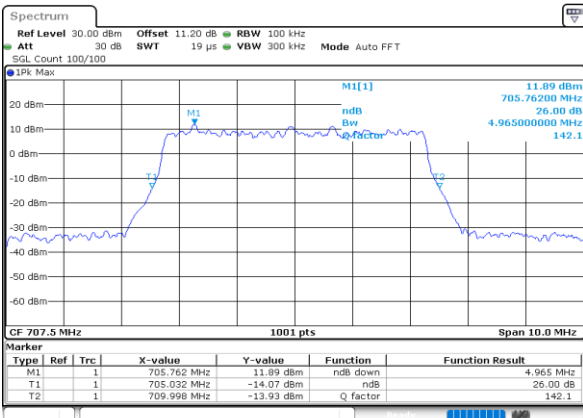
Date: 15.AUG.2022 09:21:59

Middle Channel / 3MHz / 256QAM



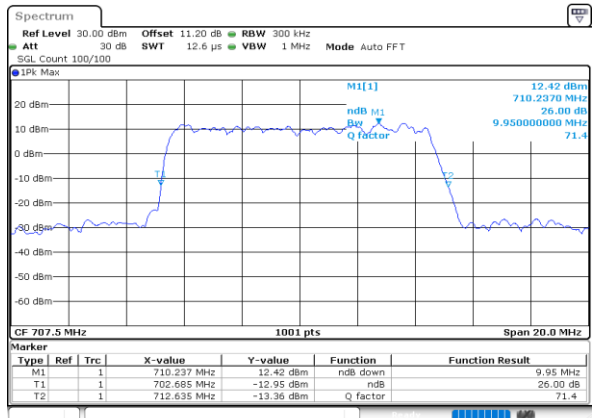
Date: 15.AUG.2022 10:11:09

Middle Channel / 5MHz / 256QAM



Date: 15.AUG.2022 09:36:13

Middle Channel / 10MHz / 256QAM



Date: 15.AUG.2022 10:11:47



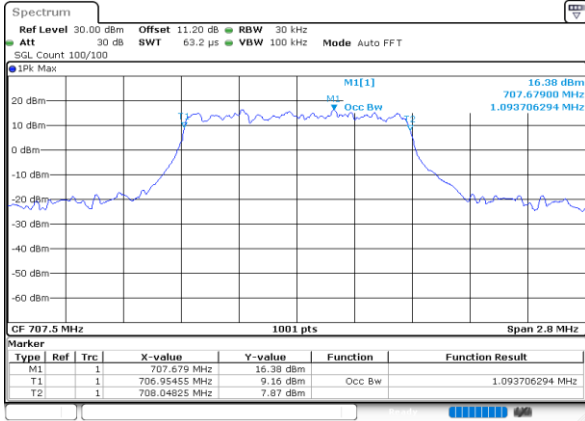
**Occupied Bandwidth**

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	1.10	2.72	2.74	4.51	4.50	8.97	9.03	-	-	-	-
Mode	LTE Band 12 : 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	1.10	1.10	2.72	2.73	4.51	4.49	9.05	8.99	-	-	-	-



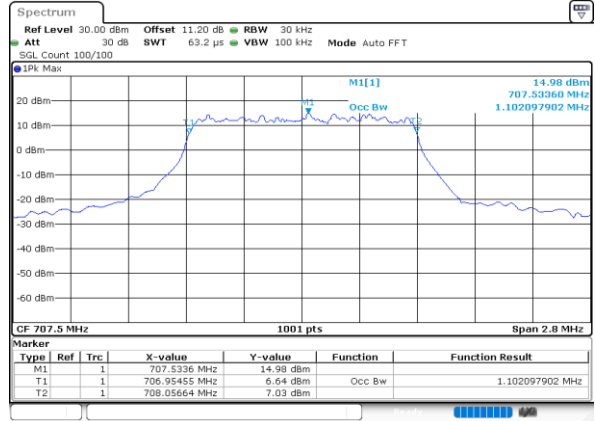
LTE Band 12

Middle Channel / 1.4MHz / QPSK



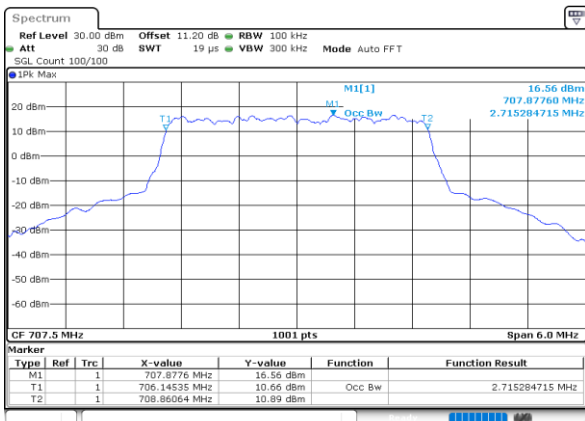
Date: 14.AUG.2022 02:22:14

Middle Channel / 1.4MHz / 16QAM



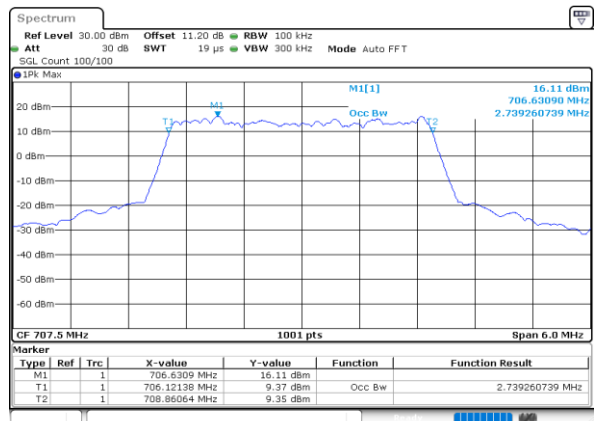
Date: 14.AUG.2022 02:12:145

Middle Channel / 3MHz / QPSK



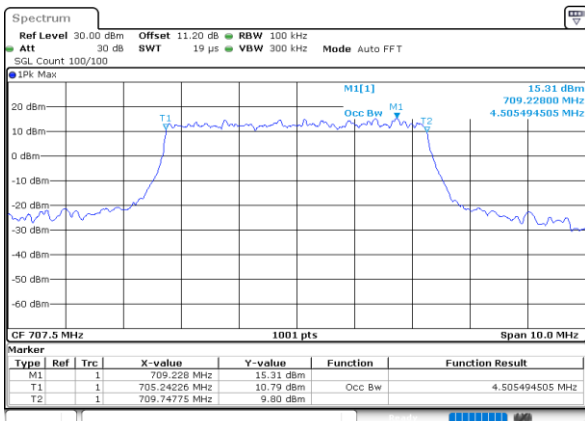
Date: 14.AUG.2022 02:38:19

Middle Channel / 3MHz / 16QAM



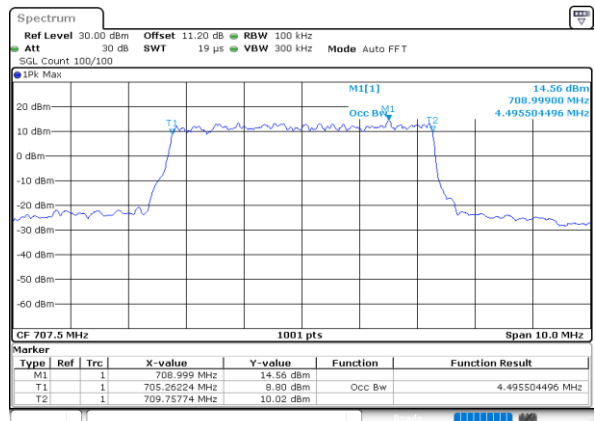
Date: 14.AUG.2022 02:13:150

Middle Channel / 5MHz / QPSK



Date: 14.AUG.2022 02:58:21

Middle Channel / 5MHz / 16QAM

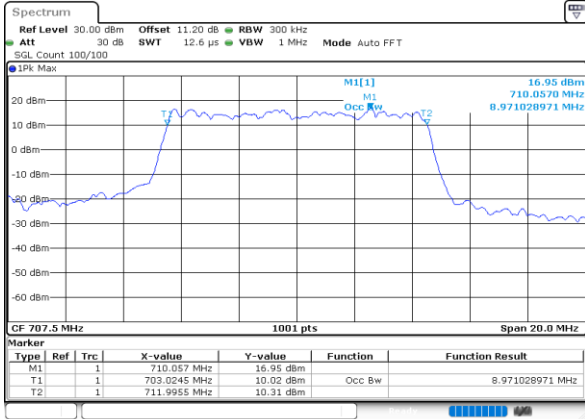


Date: 14.AUG.2022 02:15:152



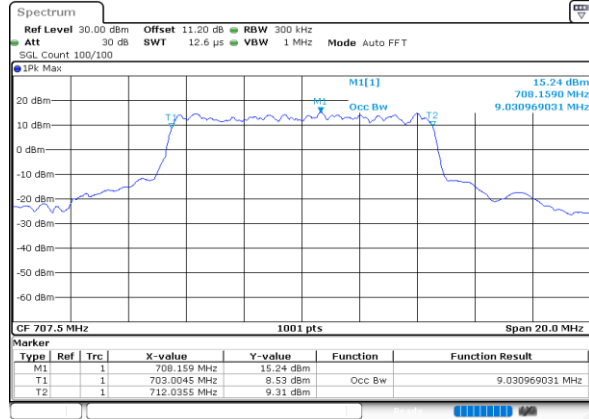
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 14.AUG.2022 03:10:04

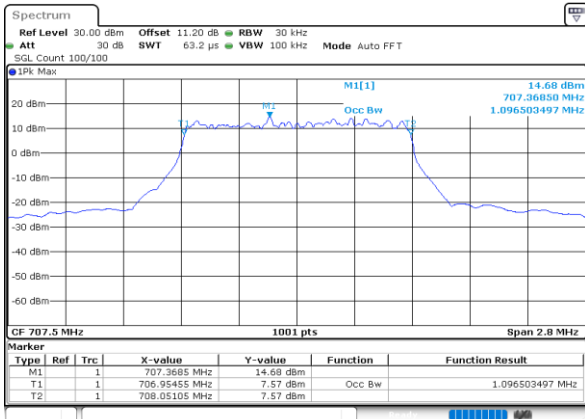
Middle Channel / 10MHz / 16QAM



Date: 14.AUG.2022 03:10:35

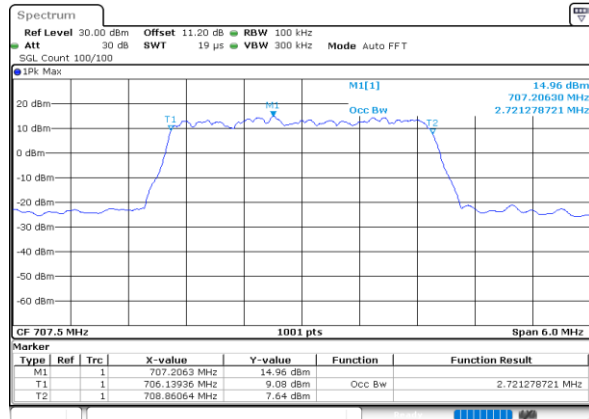
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



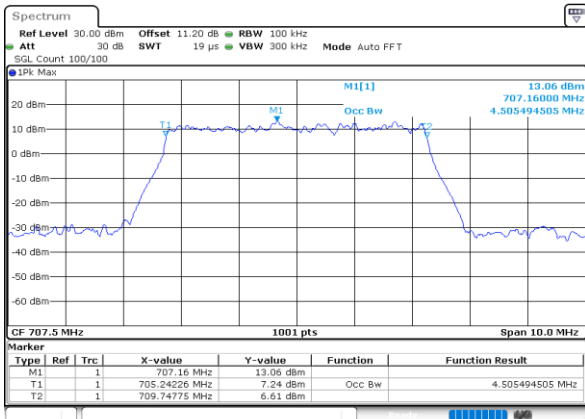
Date: 14.AUG.2022 02:30:54

Middle Channel / 3MHz / 64QAM



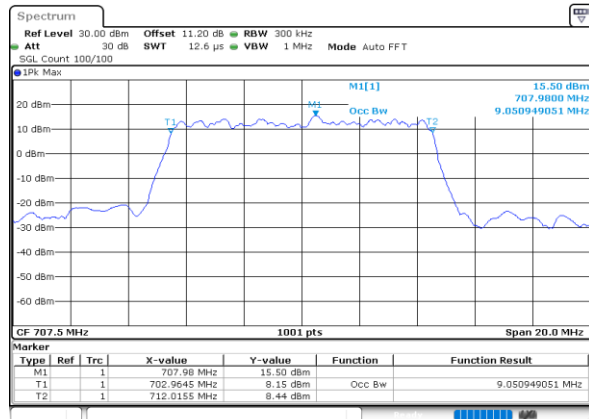
Date: 14.AUG.2022 02:14:01

Middle Channel / 5MHz / 64QAM



Date: 14.AUG.2022 02:51:12

Middle Channel / 10MHz / 64QAM

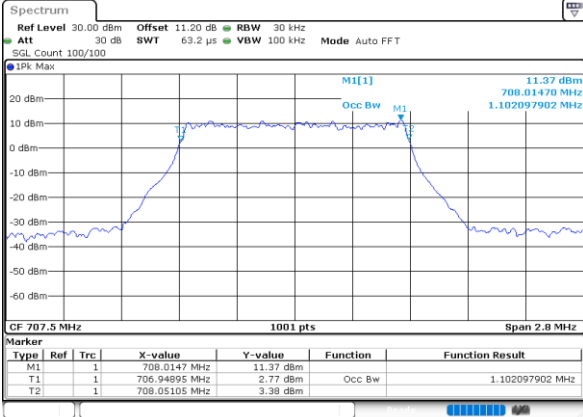


Date: 14.AUG.2022 03:18:39



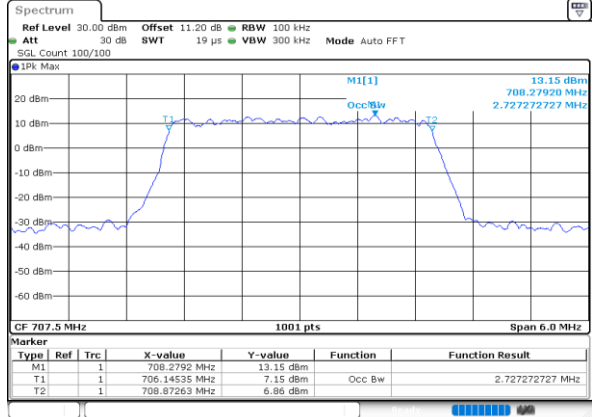
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



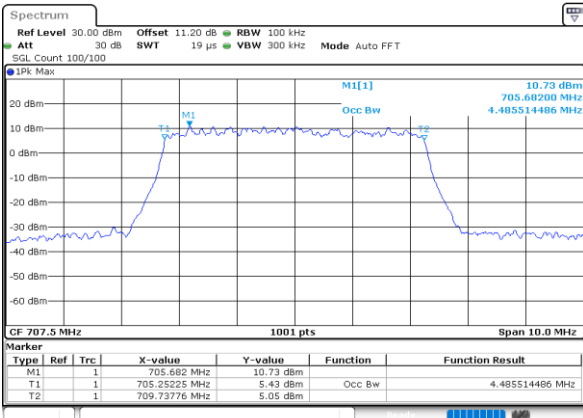
Date: 15.AUG.2022 09:21:05

Middle Channel / 3MHz / 256QAM



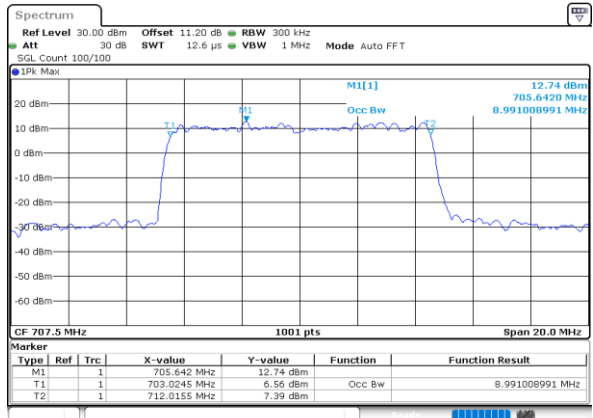
Date: 15.AUG.2022 10:09:33

Middle Channel / 5MHz / 256QAM



Date: 15.AUG.2022 09:35:10

Middle Channel / 10MHz / 256QAM

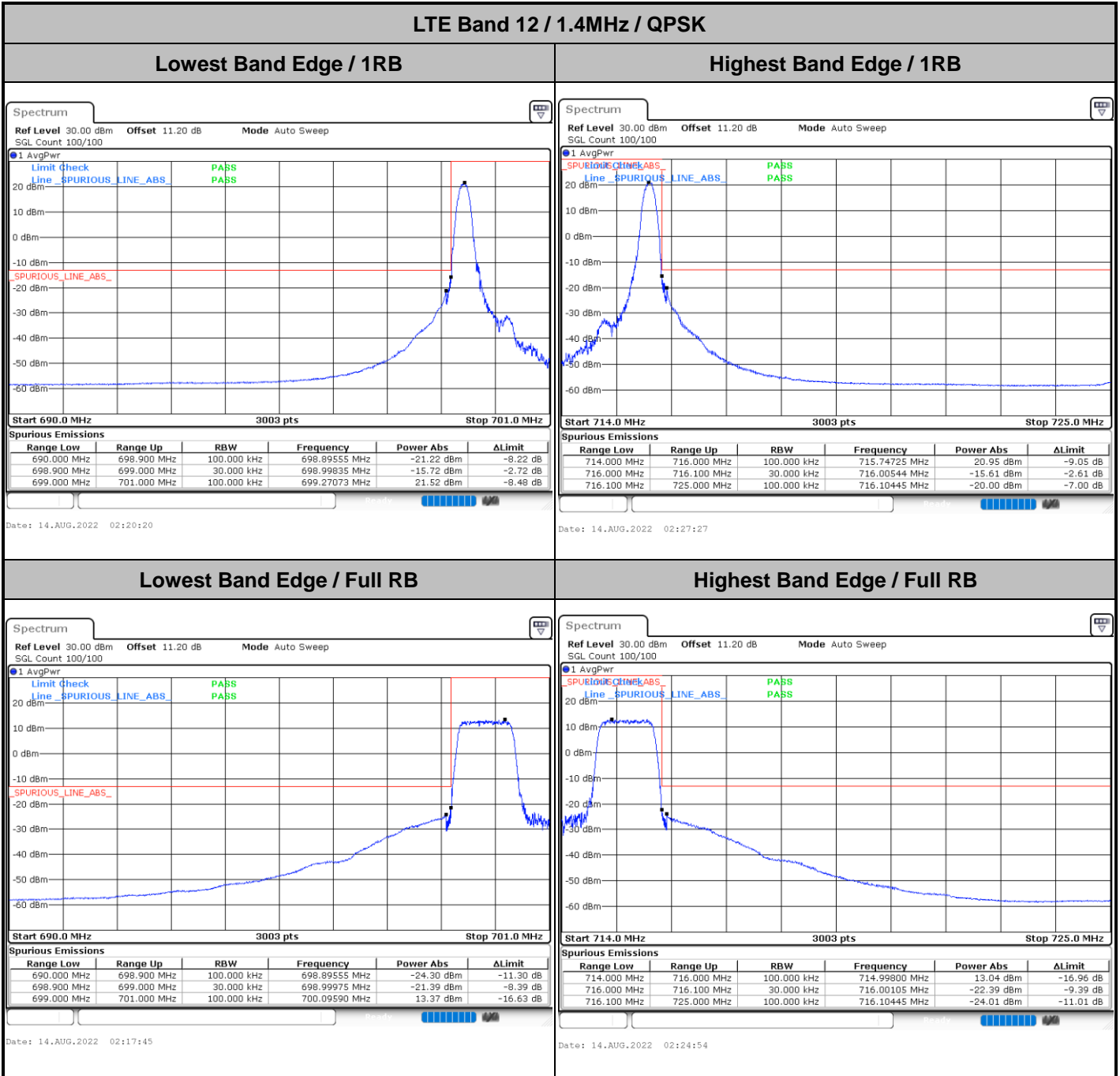


Date: 15.AUG.2022 10:19:05





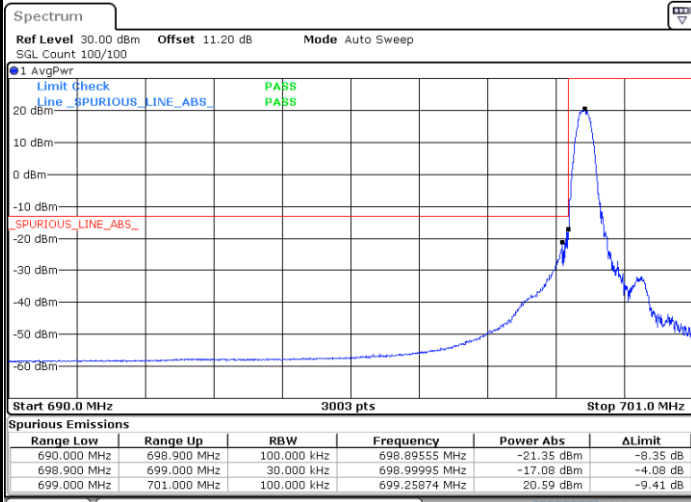
# Conducted Band Edge





LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



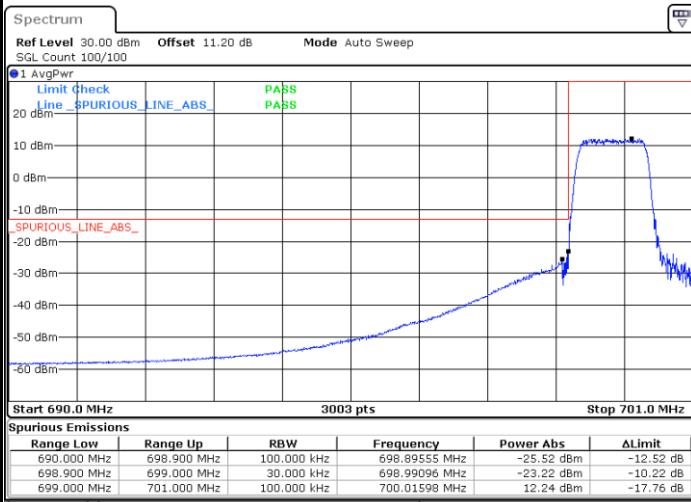
Date: 14.AUG.2022 02:19:28

Highest Band Edge / 1 RB



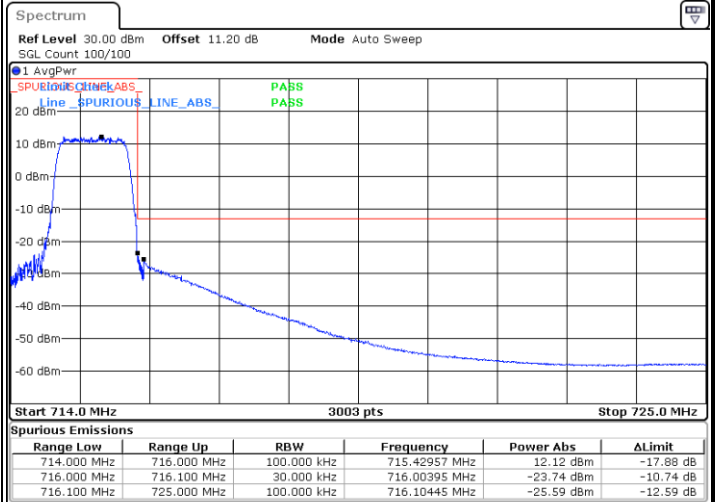
Date: 14.AUG.2022 02:26:38

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:18:37

Highest Band Edge / Full RB

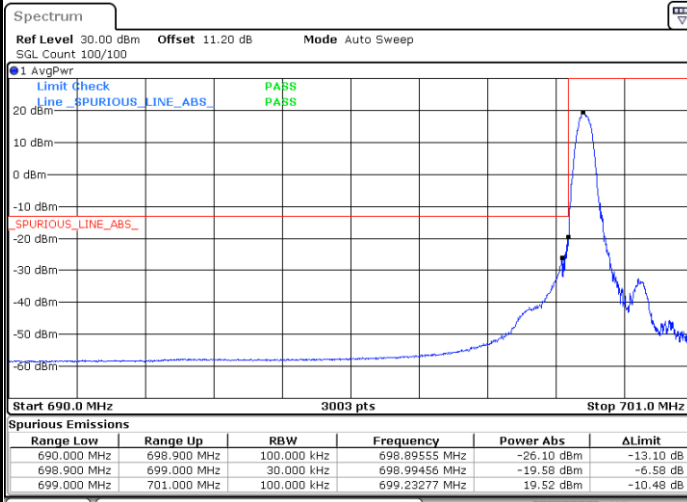


Date: 14.AUG.2022 02:25:46



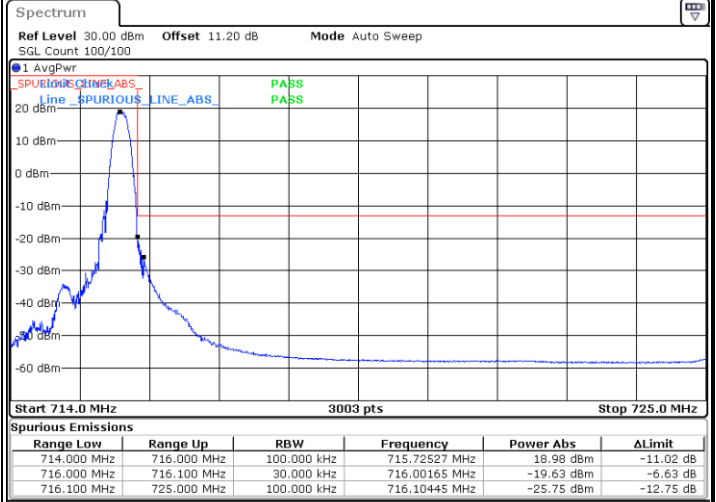
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



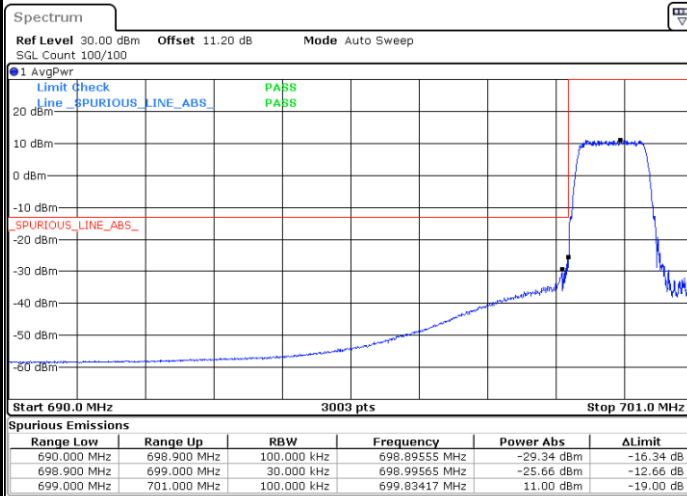
Date: 14.AUG.2022 02:30:23

Highest Band Edge / 1 RB



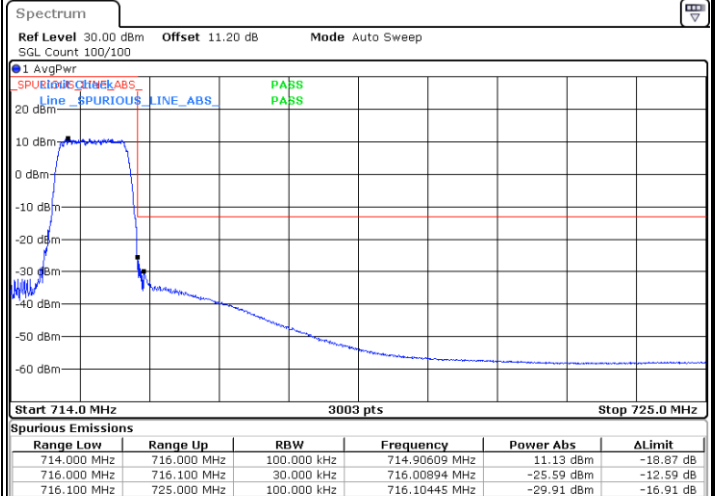
Date: 14.AUG.2022 02:32:49

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:29:30

Highest Band Edge / Full RB

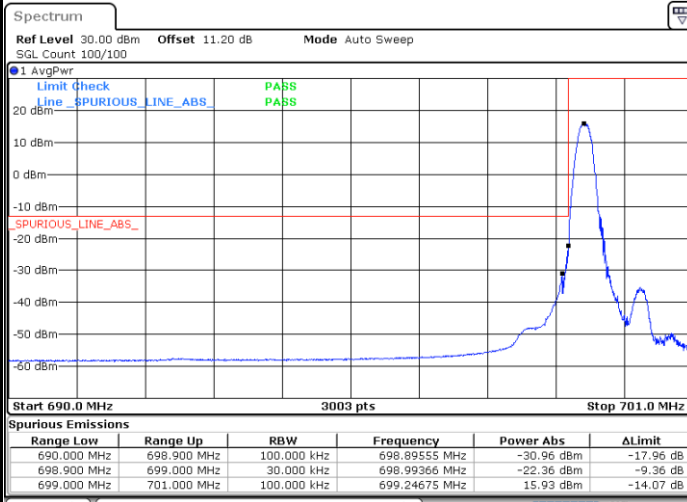


Date: 14.AUG.2022 02:31:57



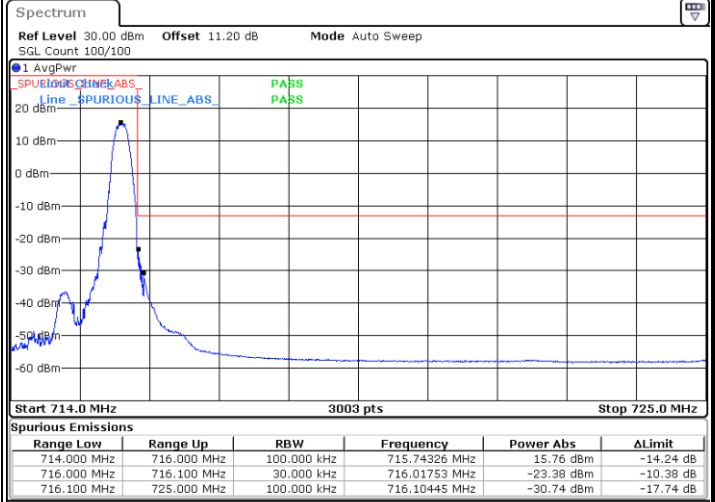
LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



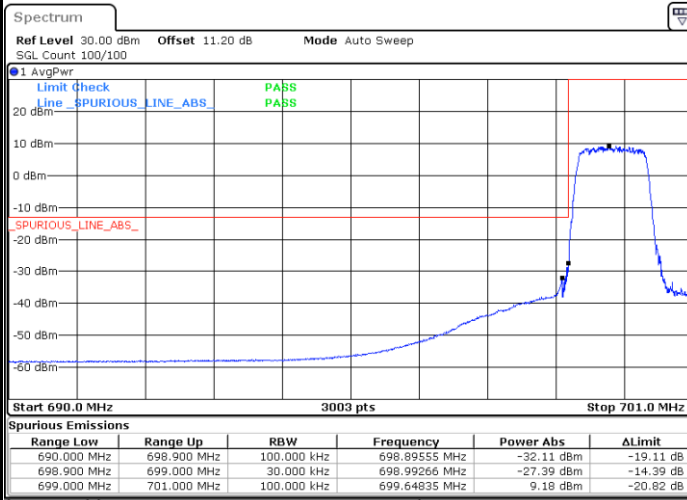
Date: 15.AUG.2022 09:20:52

Highest Band Edge / 1 RB



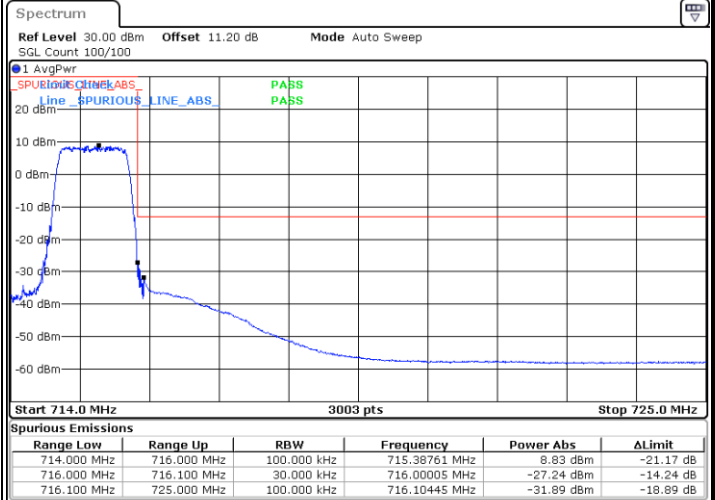
Date: 15.AUG.2022 09:24:06

Lowest Band Edge / Full RB



Date: 15.AUG.2022 09:20:05

Highest Band Edge / Full RB

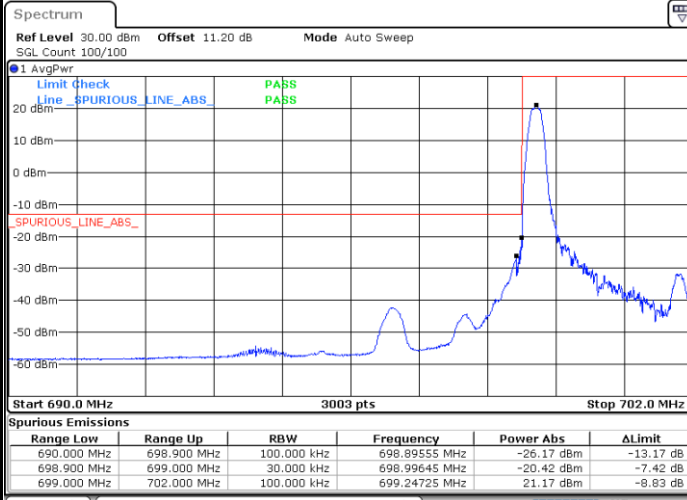


Date: 15.AUG.2022 09:23:20



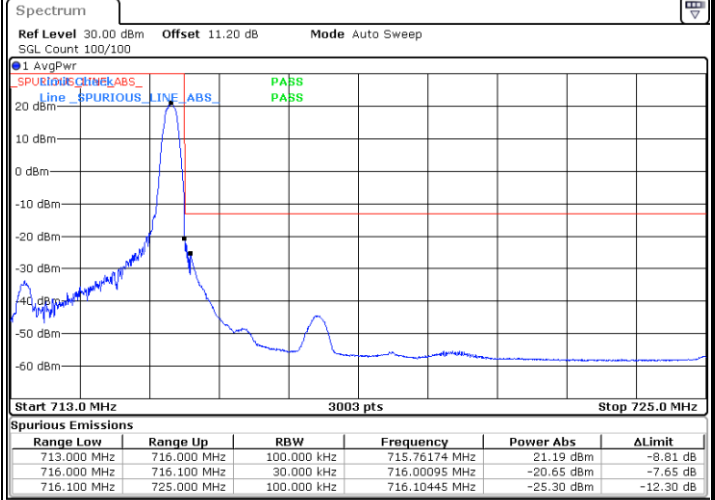
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



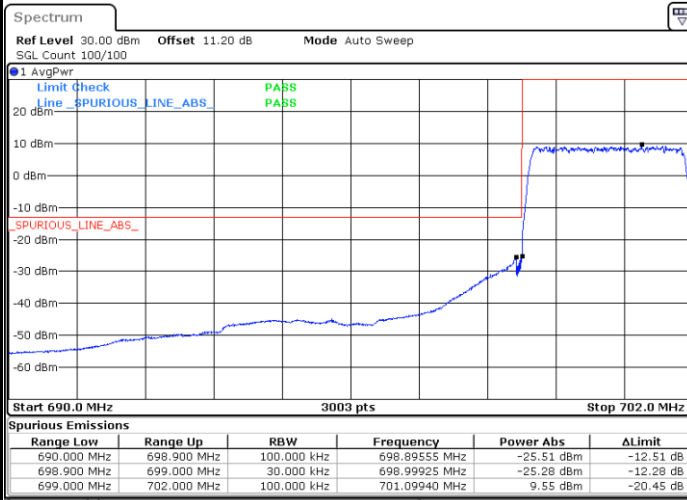
Date: 14.AUG.2022 02:36:23

Highest Band Edge / 1 RB



Date: 14.AUG.2022 02:43:34

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:33:47

Highest Band Edge / Full RB

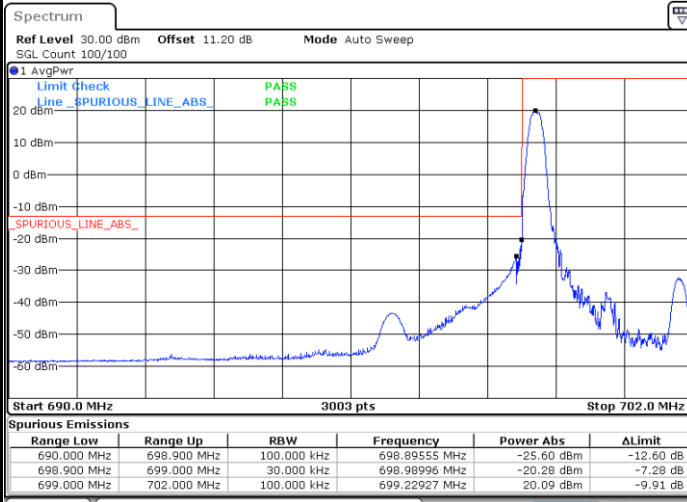


Date: 14.AUG.2022 02:41:00



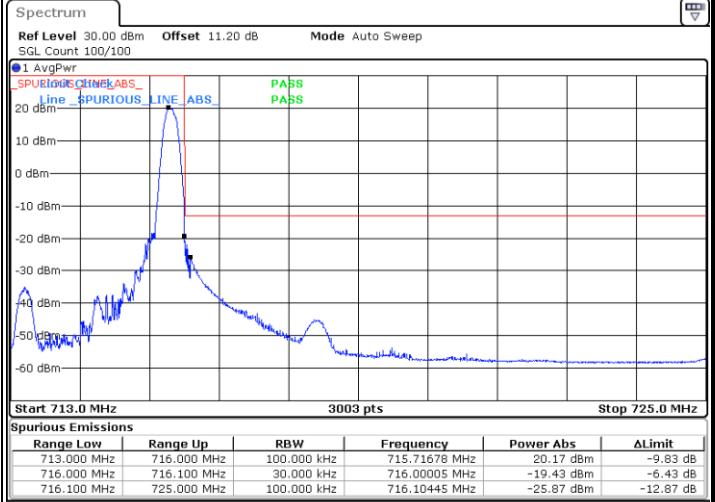
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



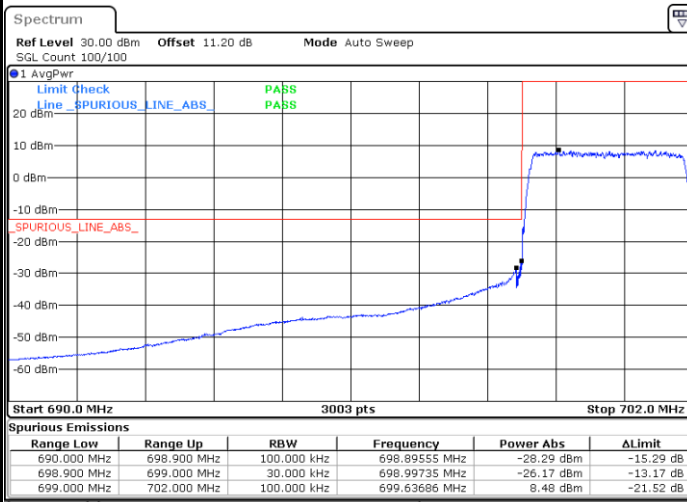
Date: 14.AUG.2022 02:35:32

Highest Band Edge / 1 RB



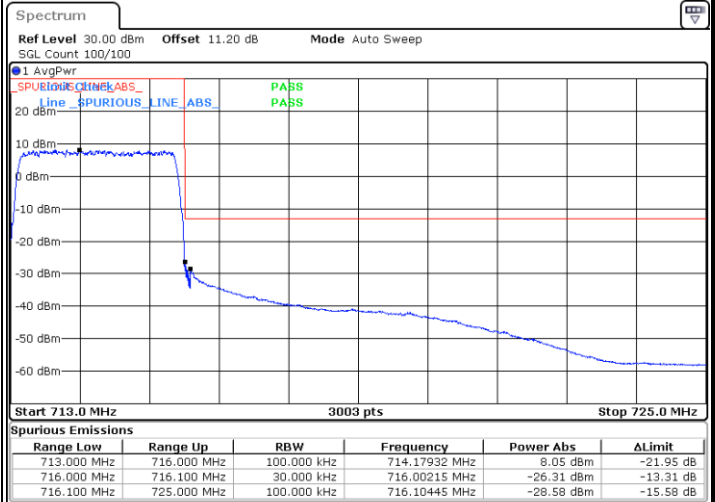
Date: 14.AUG.2022 02:42:43

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:34:40

Highest Band Edge / Full RB

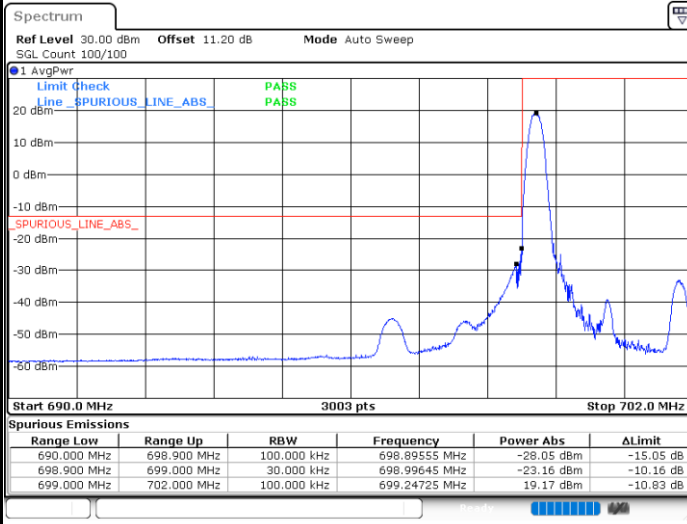


Date: 14.AUG.2022 02:41:52



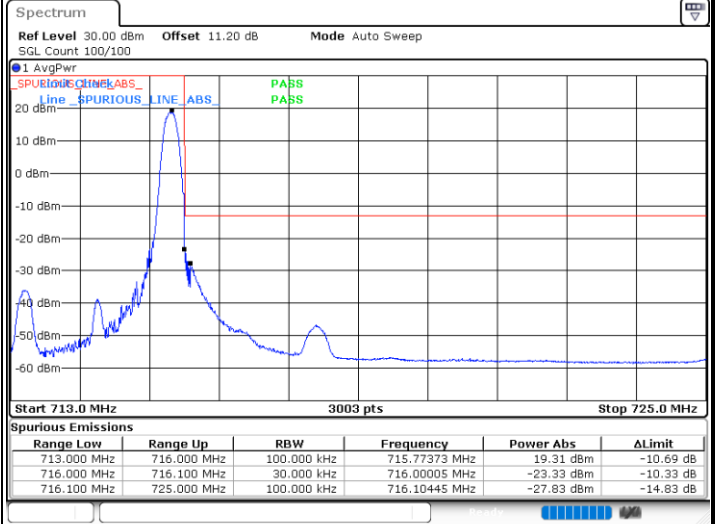
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



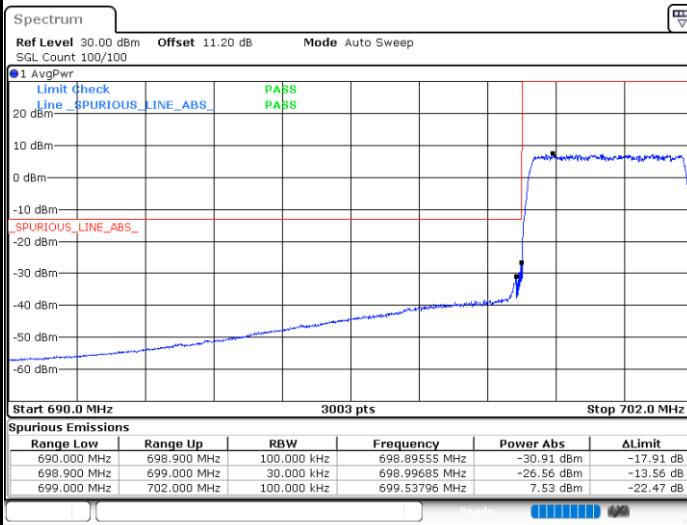
Date: 14.AUG.2022 02:46:29

Highest Band Edge / 1 RB



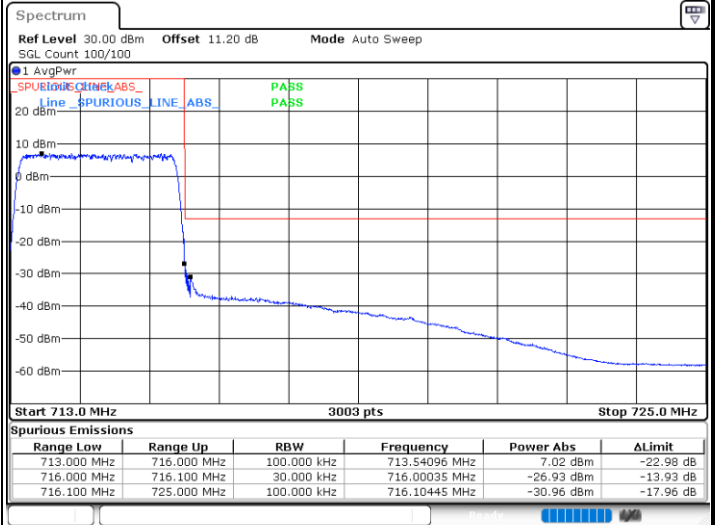
Date: 14.AUG.2022 02:48:55

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:45:38

Highest Band Edge / Full RB

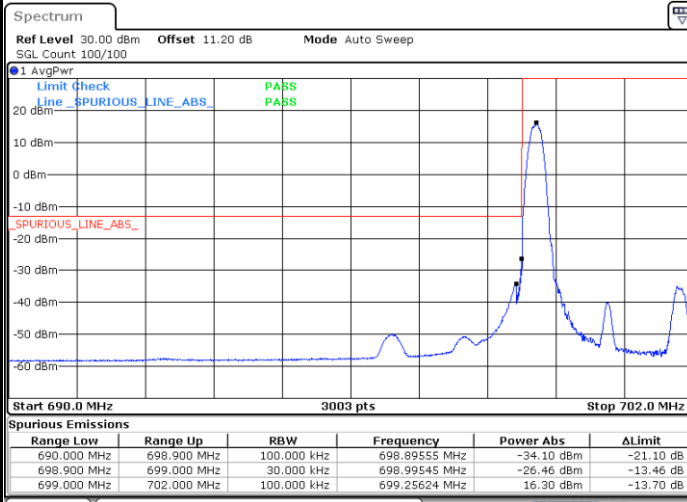


Date: 14.AUG.2022 02:48:04



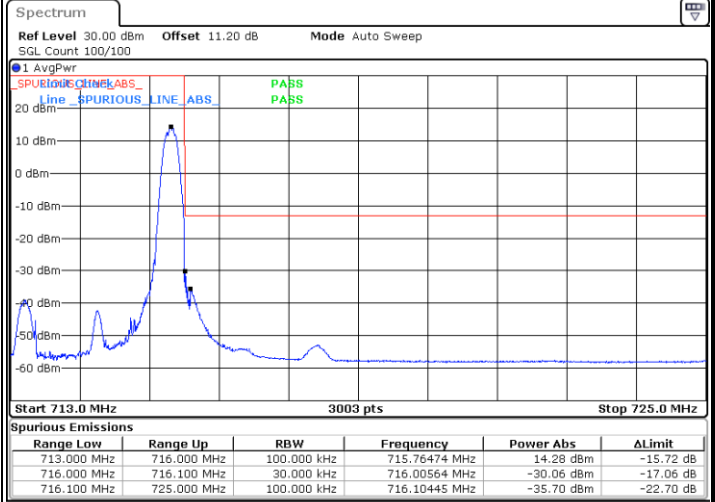
LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



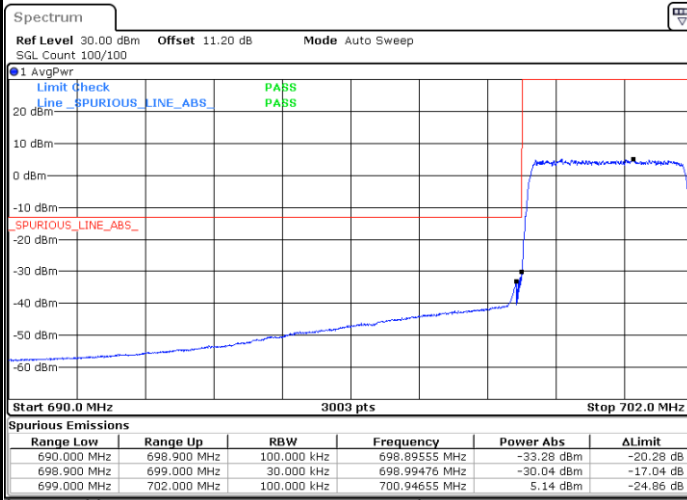
Date: 15.AUG.2022 09:25:59

Highest Band Edge / 1 RB



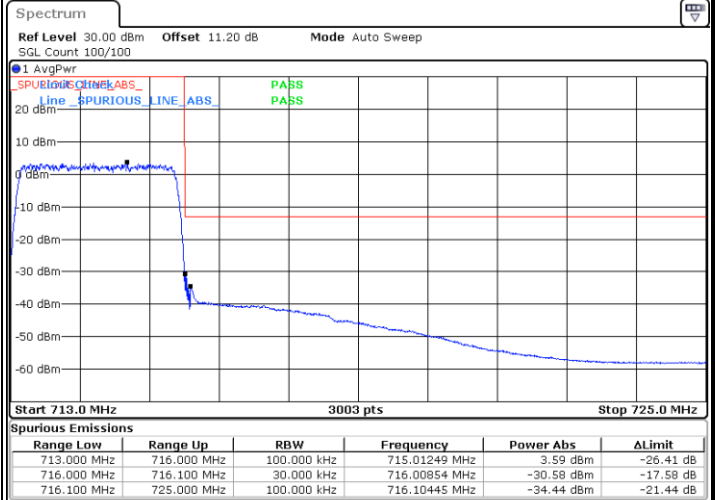
Date: 15.AUG.2022 09:33:18

Lowest Band Edge / Full RB



Date: 15.AUG.2022 09:25:12

Highest Band Edge / Full RB



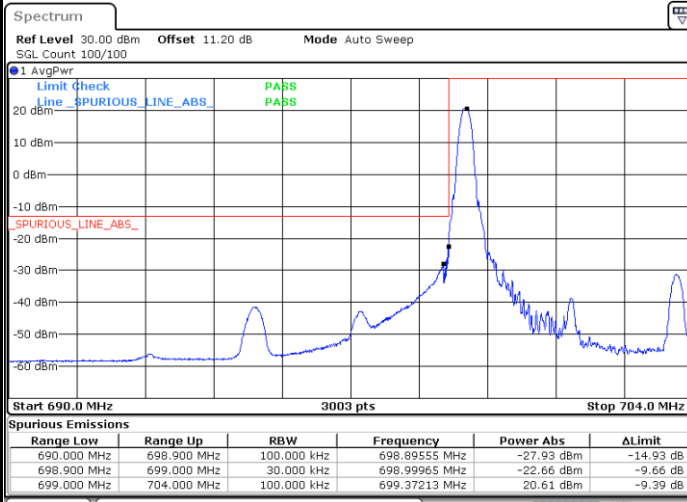
Date: 15.AUG.2022 09:32:31





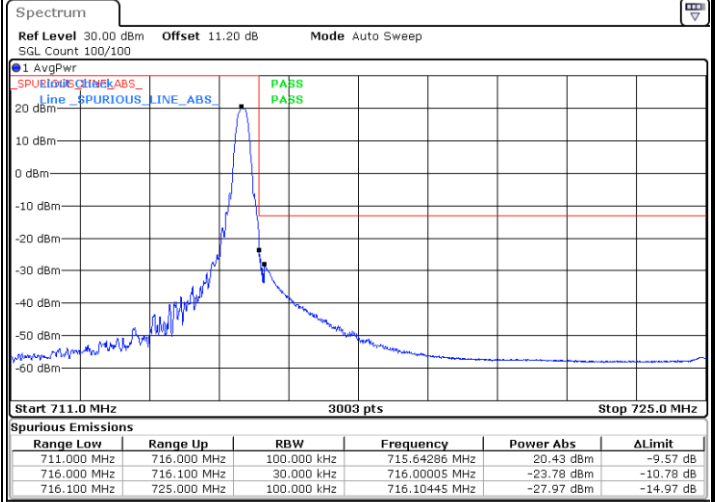
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



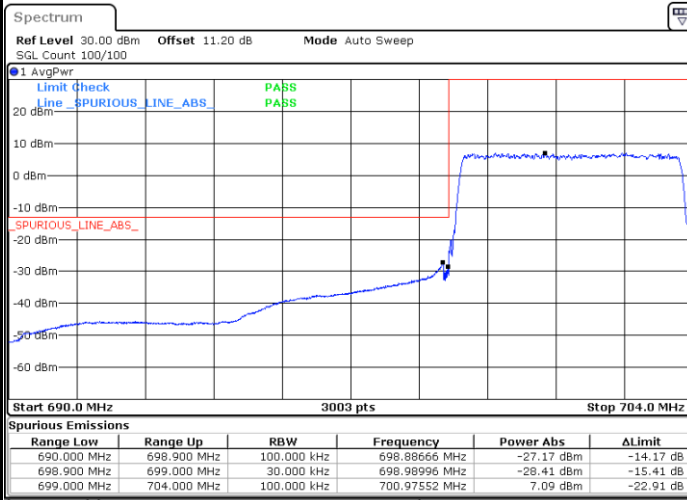
Date: 14.AUG.2022 02:56:28

Highest Band Edge / 1 RB



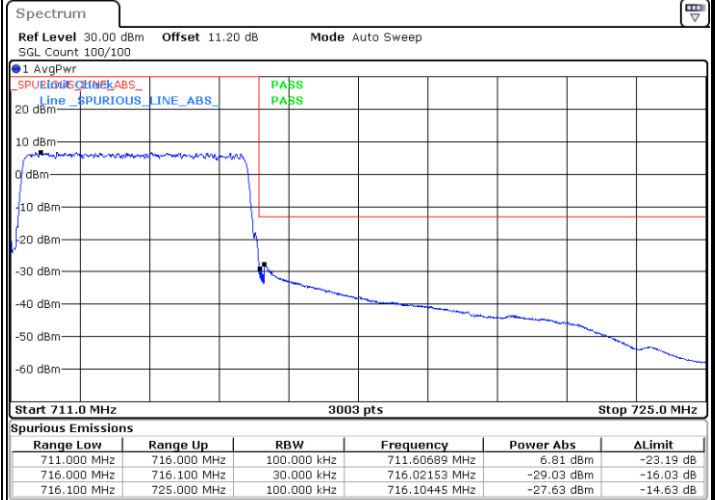
Date: 15.AUG.2022 10:14:55

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:53:56

Highest Band Edge / Full RB

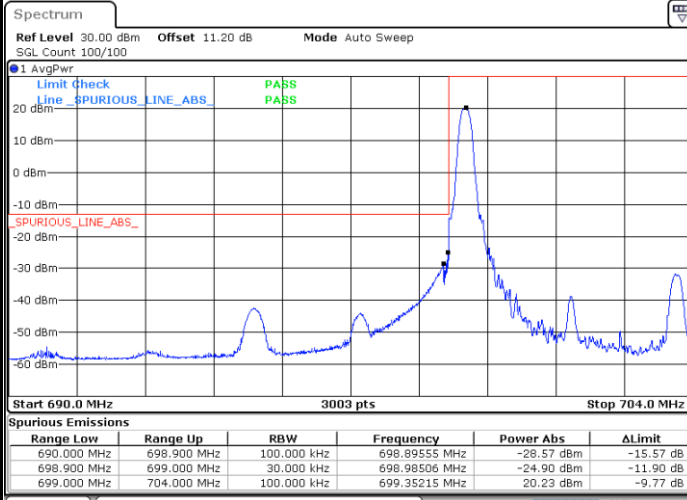


Date: 14.AUG.2022 03:01:01

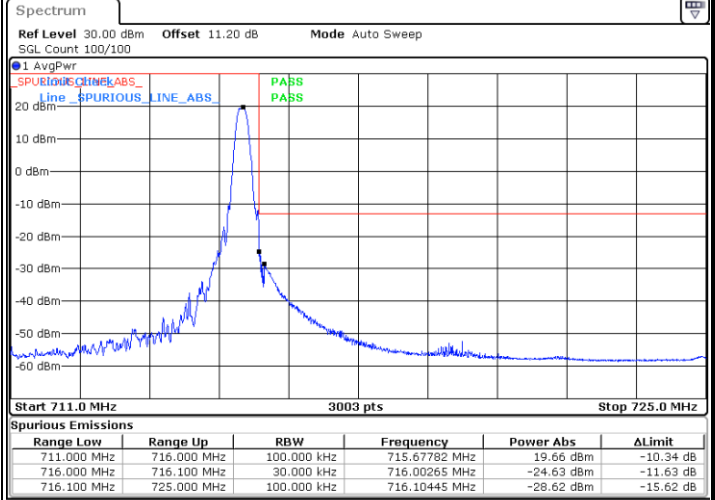


LTE Band 12 / 5MHz / 16QAM

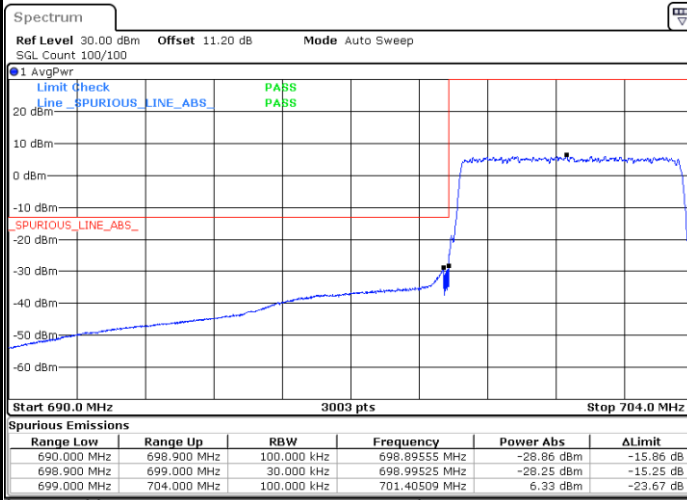
Lowest Band Edge / 1RB



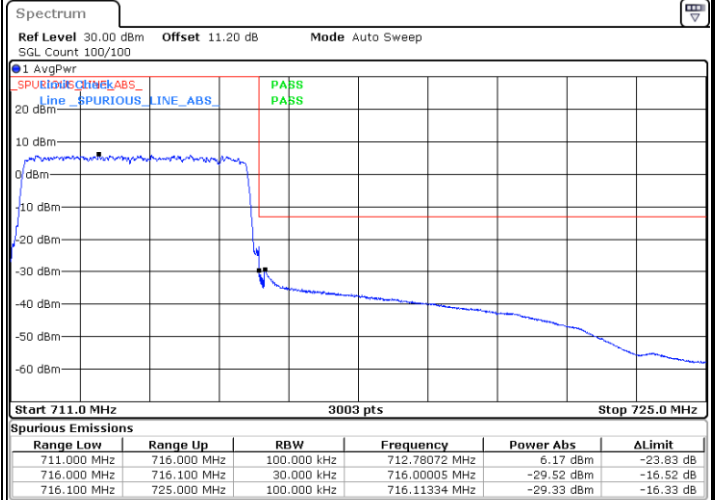
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



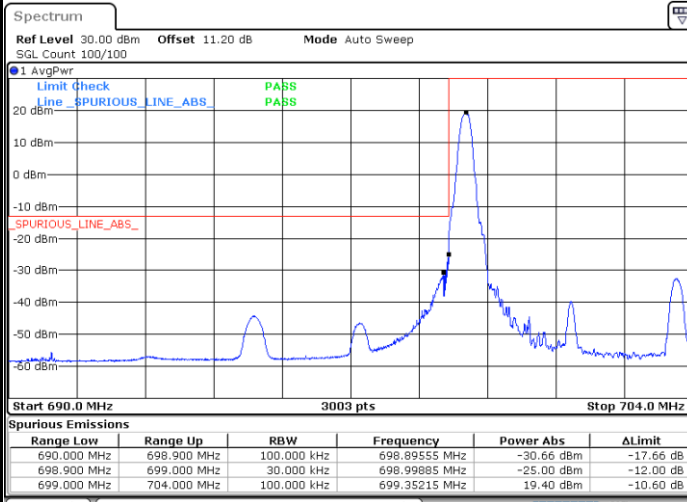
Highest Band Edge / Full RB





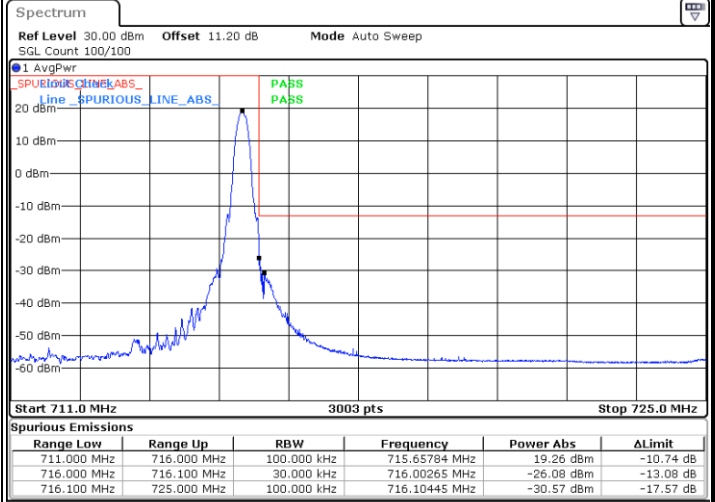
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



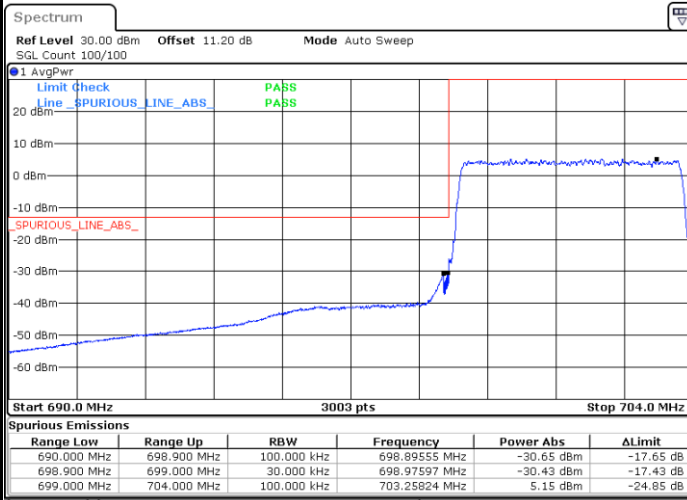
Date: 14.AUG.2022 02:50:41

Highest Band Edge / 1 RB



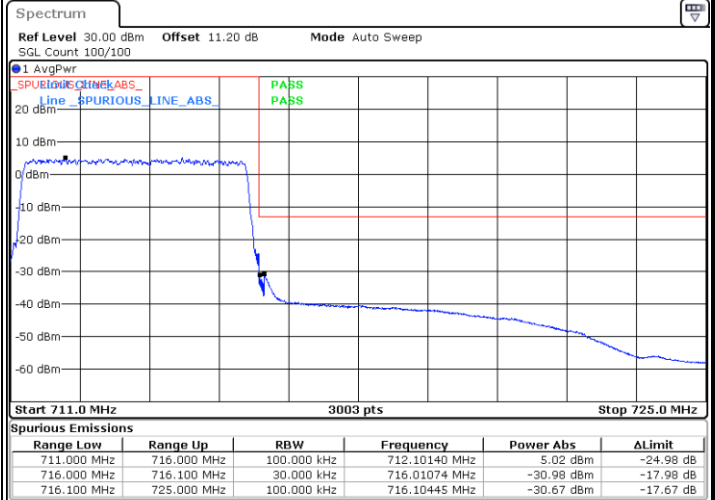
Date: 14.AUG.2022 02:53:05

Lowest Band Edge / Full RB



Date: 14.AUG.2022 02:49:51

Highest Band Edge / Full RB

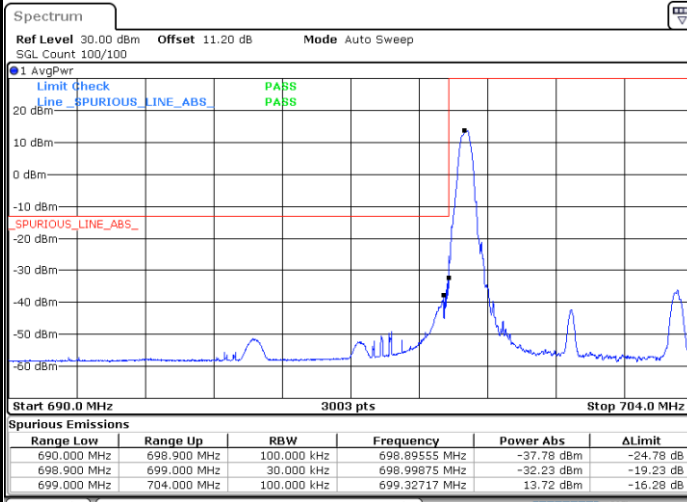


Date: 14.AUG.2022 02:52:15



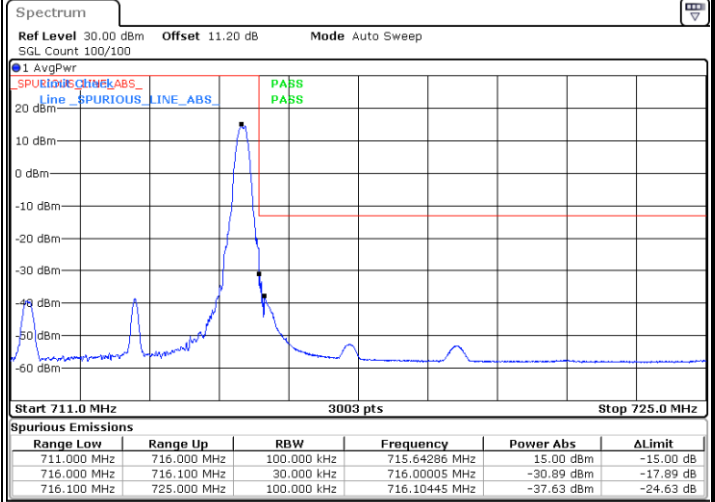
LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / 1RB



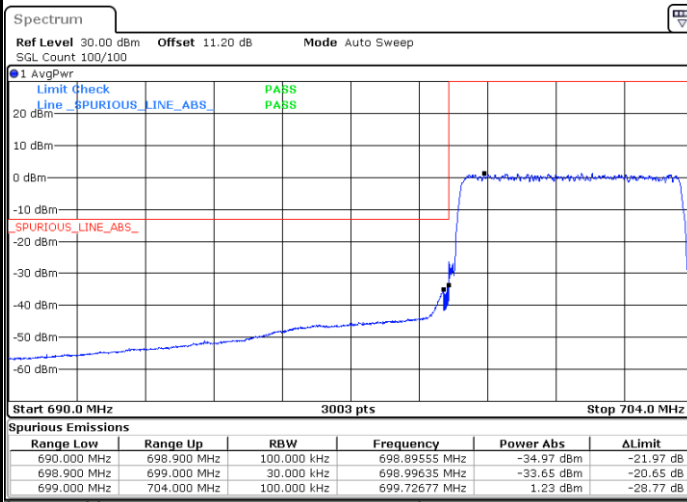
Date: 15.AUG.2022 09:34:45

Highest Band Edge / 1 RB



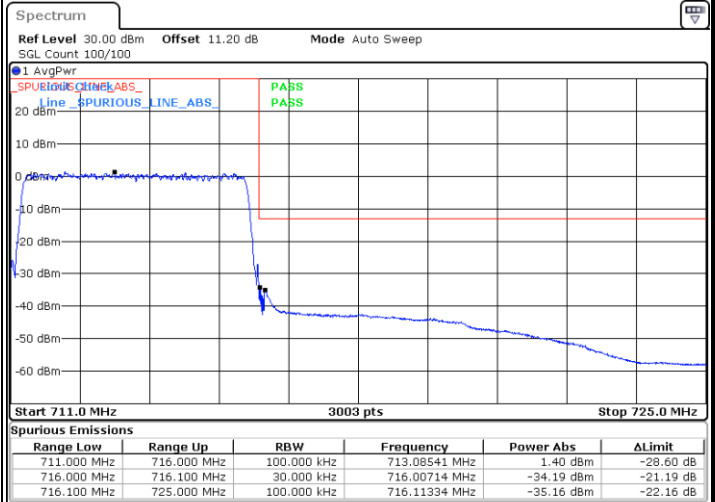
Date: 15.AUG.2022 10:15:57

Lowest Band Edge / Full RB



Date: 15.AUG.2022 09:34:02

Highest Band Edge / Full RB

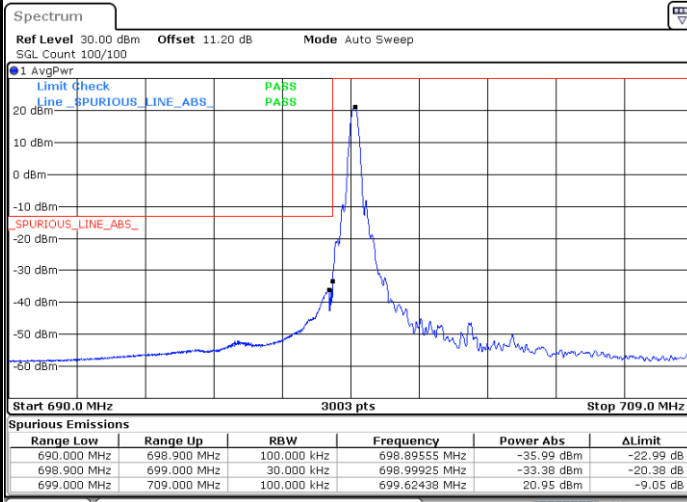


Date: 15.AUG.2022 09:37:37



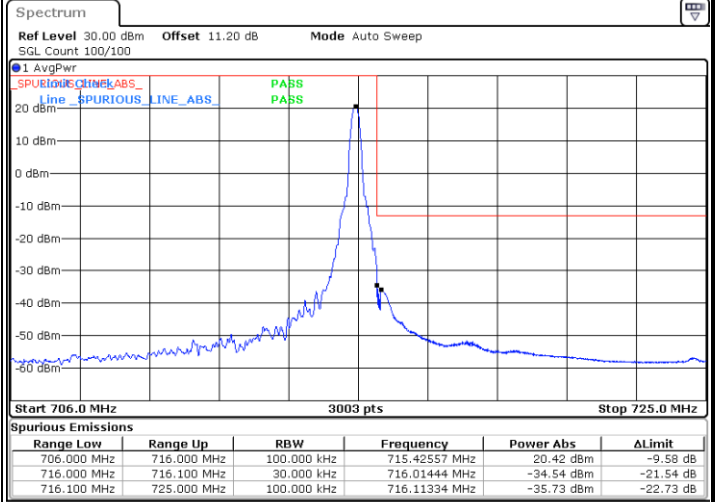
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



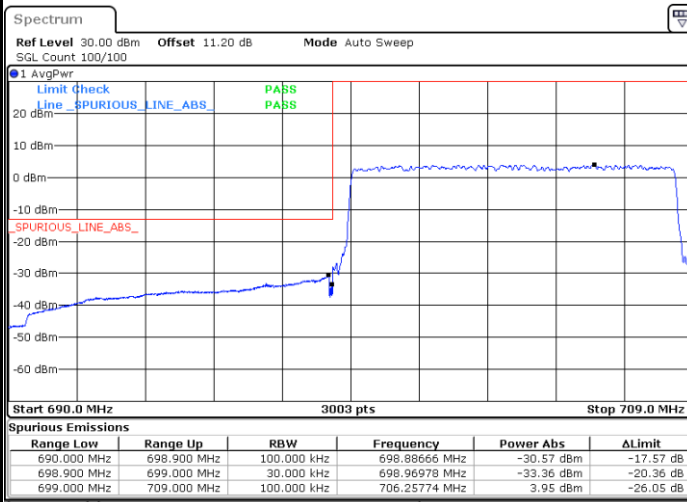
Date: 14.AUG.2022 03:08:10

Highest Band Edge / 1 RB



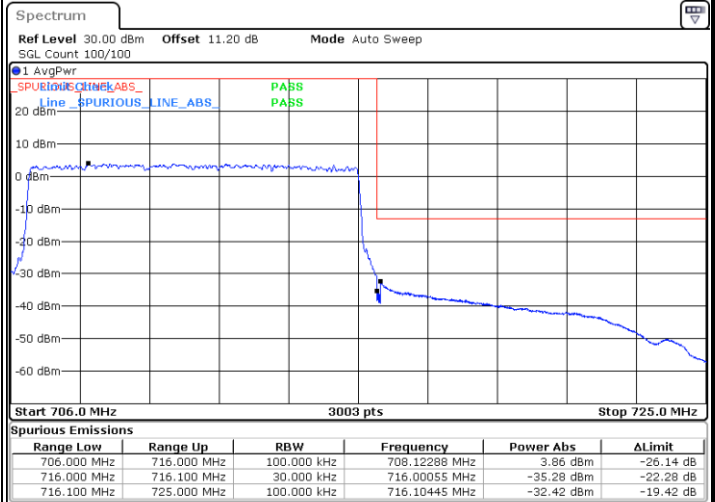
Date: 14.AUG.2022 03:15:17

Lowest Band Edge / Full RB



Date: 14.AUG.2022 03:05:37

Highest Band Edge / Full RB

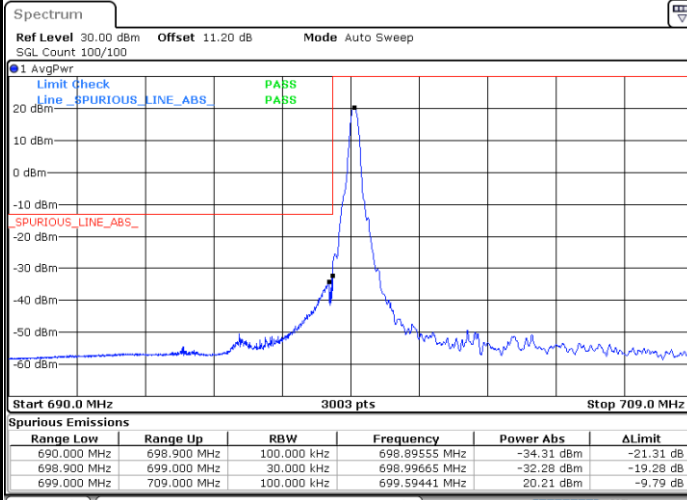


Date: 14.AUG.2022 03:12:45



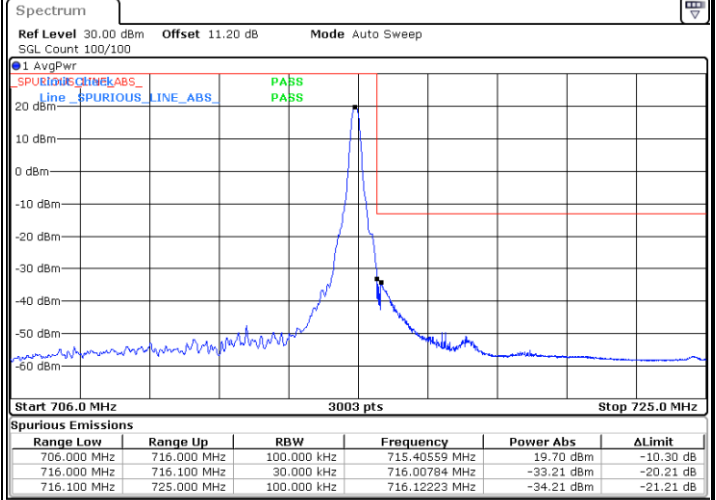
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



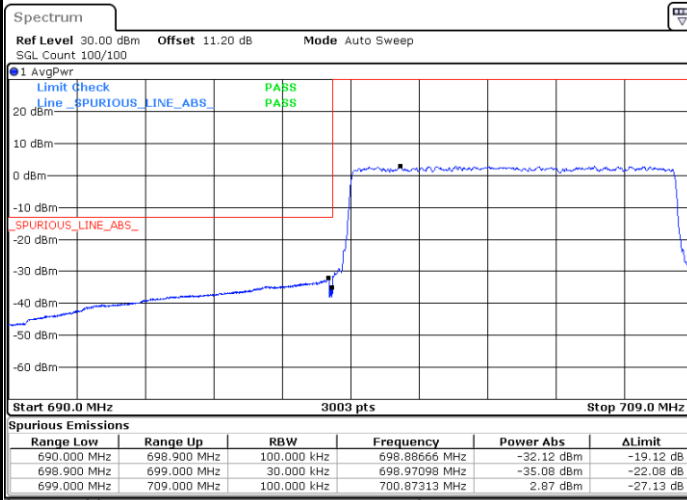
Date: 14.AUG.2022 03:07:19

Highest Band Edge / 1 RB



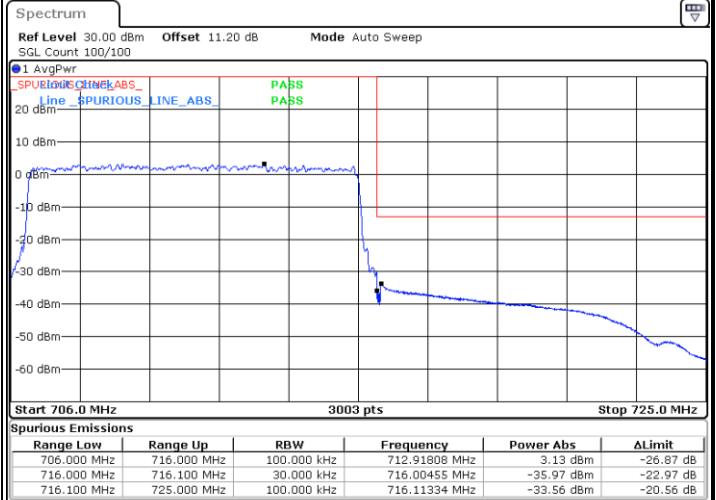
Date: 14.AUG.2022 03:14:27

Lowest Band Edge / Full RB



Date: 14.AUG.2022 03:06:28

Highest Band Edge / Full RB



Date: 14.AUG.2022 03:13:36