



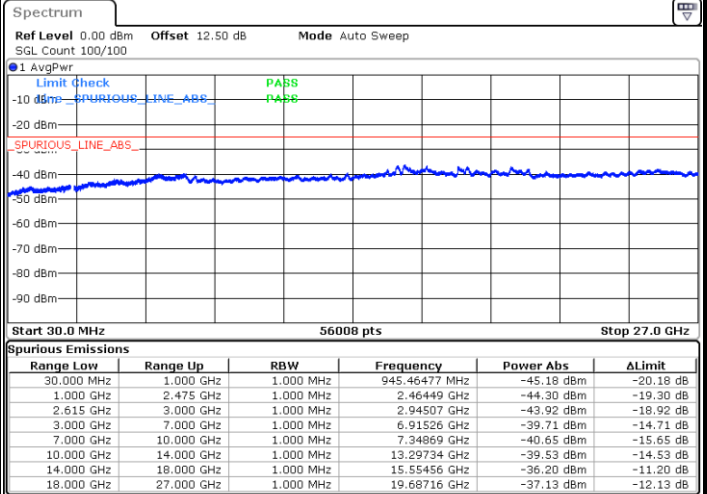
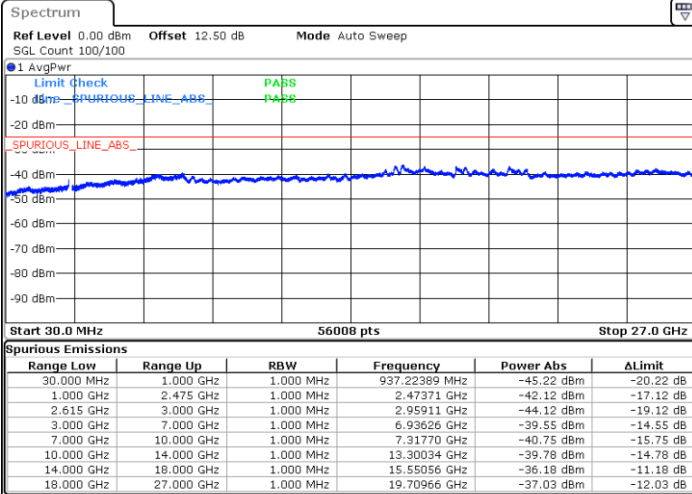
Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

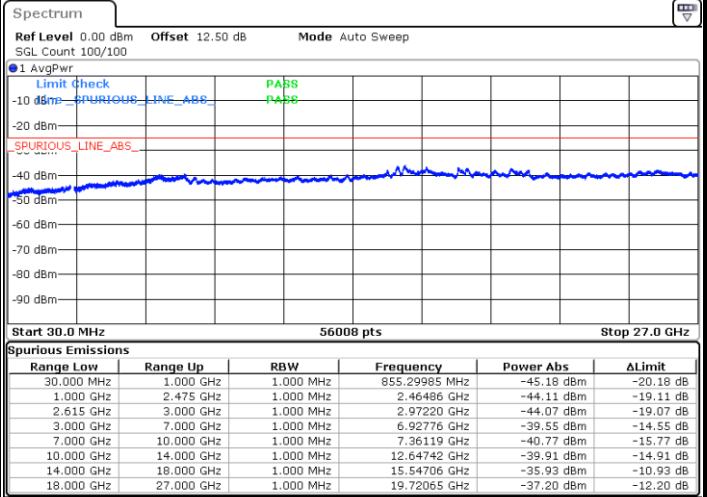
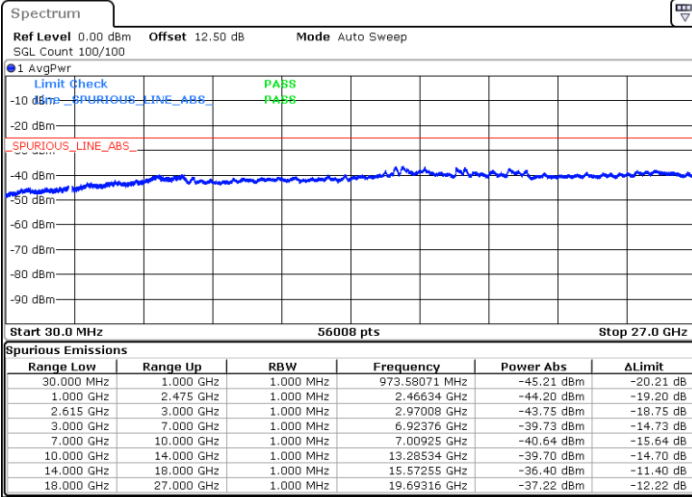


Date: 21.SEP.2022 09:41:11

Date: 21.SEP.2022 09:39:52

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 21.SEP.2022 09:51:20

Date: 21.SEP.2022 09:52:38

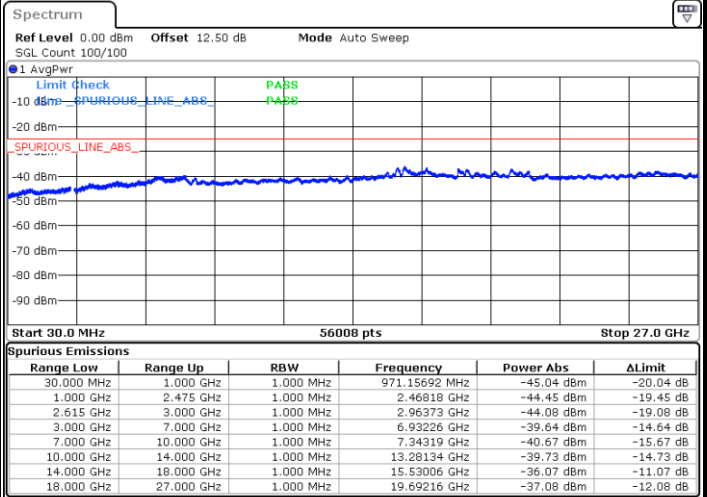
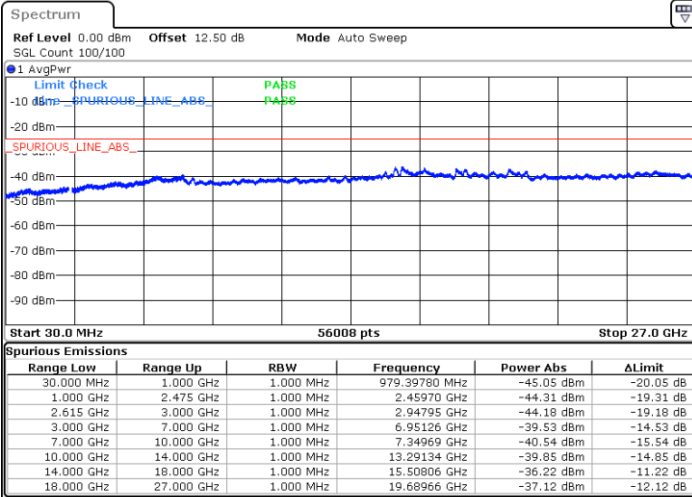


LTE Band 7C / 10MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 21.SEP.2022 09:20:03

Date: 21.SEP.2022 09:18:45

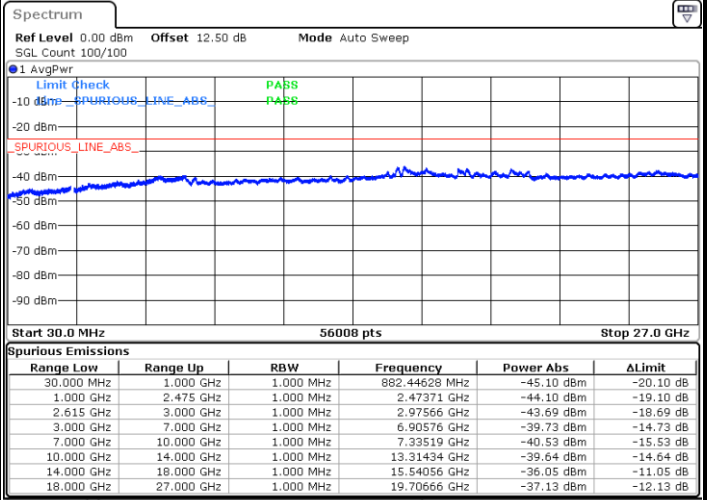
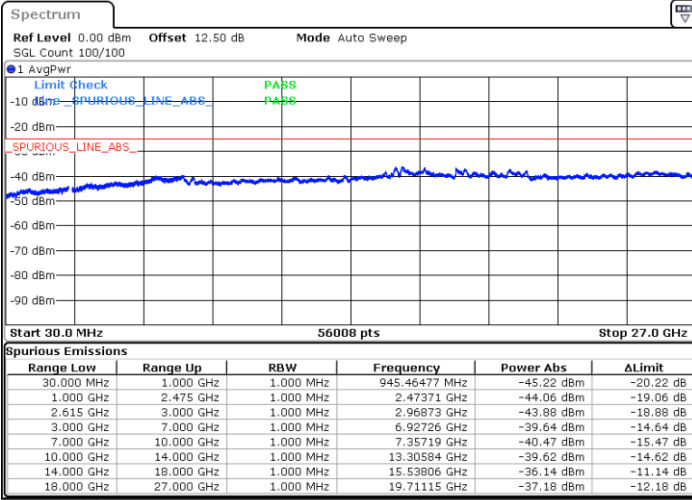


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0

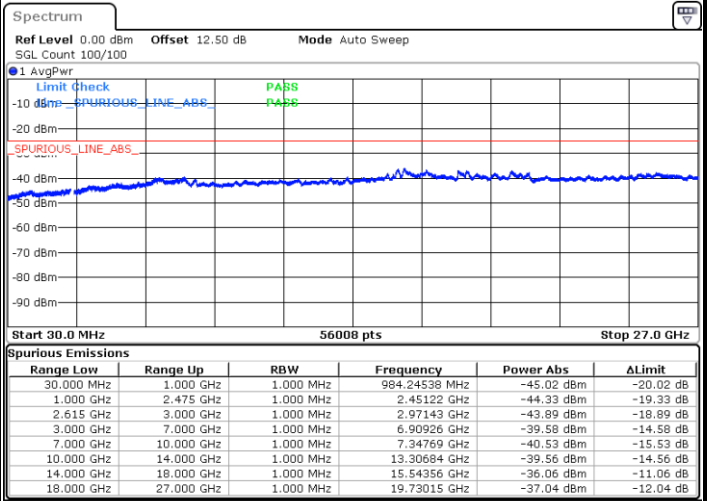
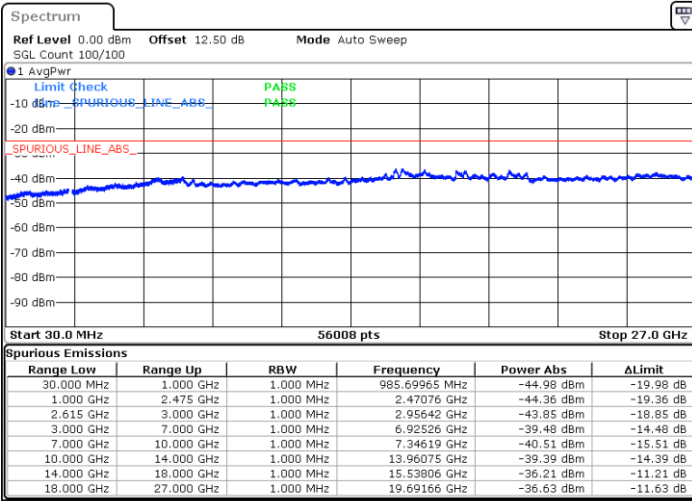


Date: 21.SEP.2022 17:57:22

Date: 21.SEP.2022 17:56:14

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 21.SEP.2022 18:04:04

Date: 21.SEP.2022 18:05:13

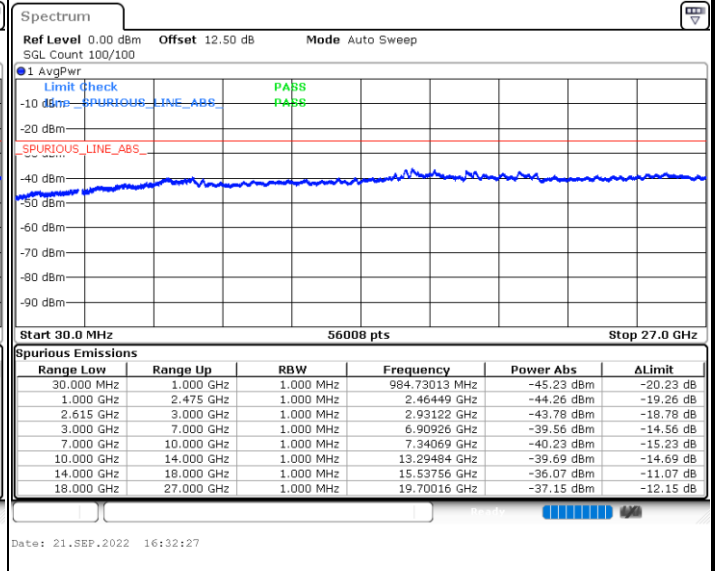
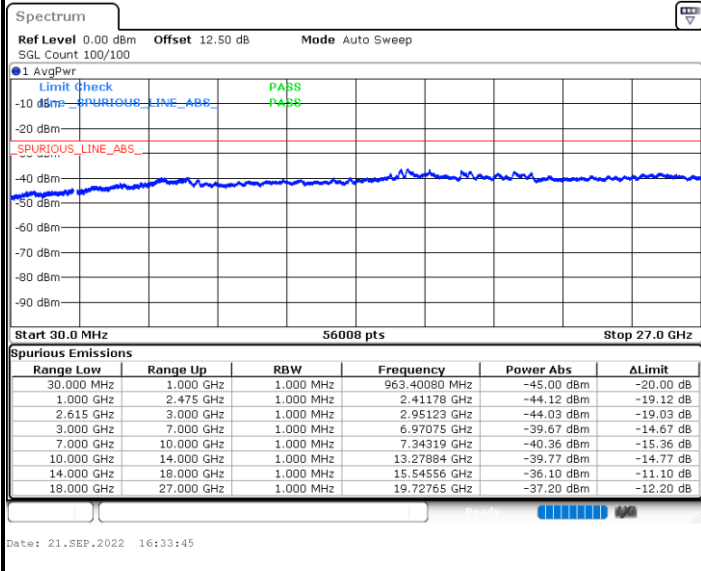


LTE Band 7C / 15MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



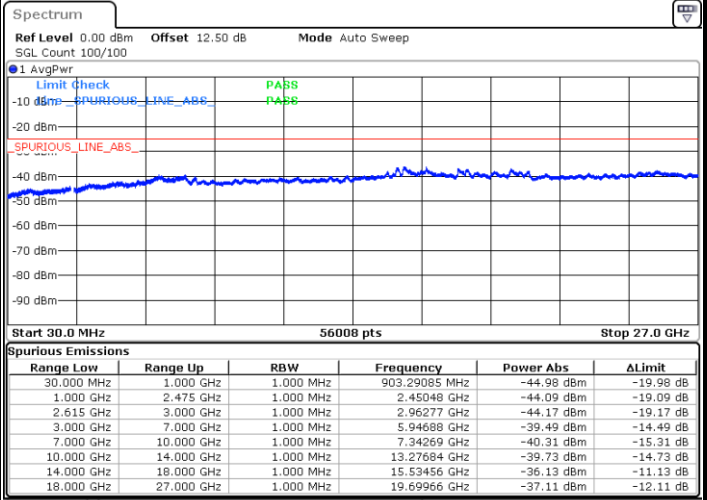
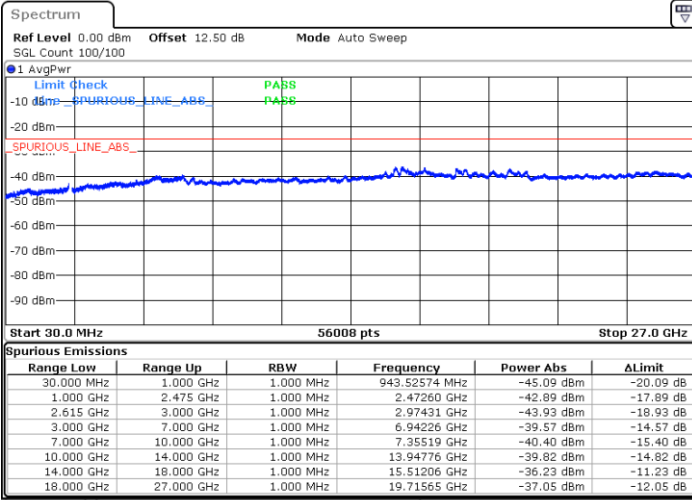


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

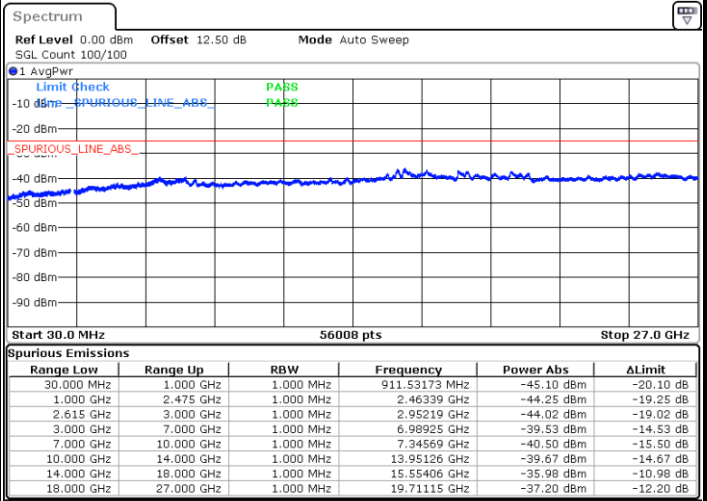
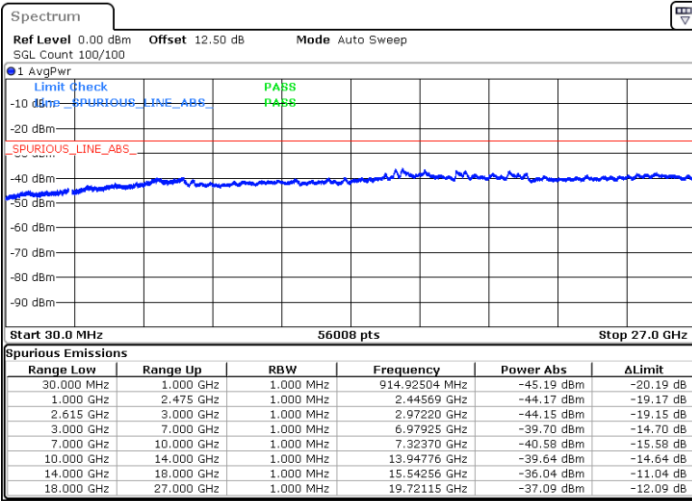


Date: 21.SEP.2022 11:29:10

Date: 21.SEP.2022 11:27:56

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 21.SEP.2022 11:38:08

Date: 21.SEP.2022 11:39:21

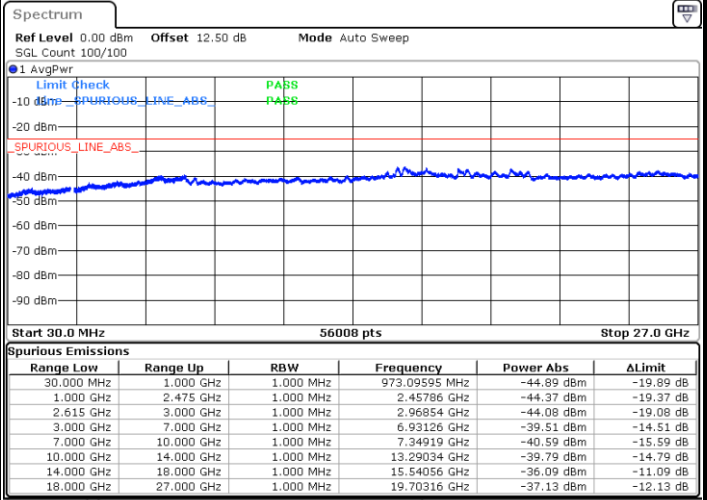
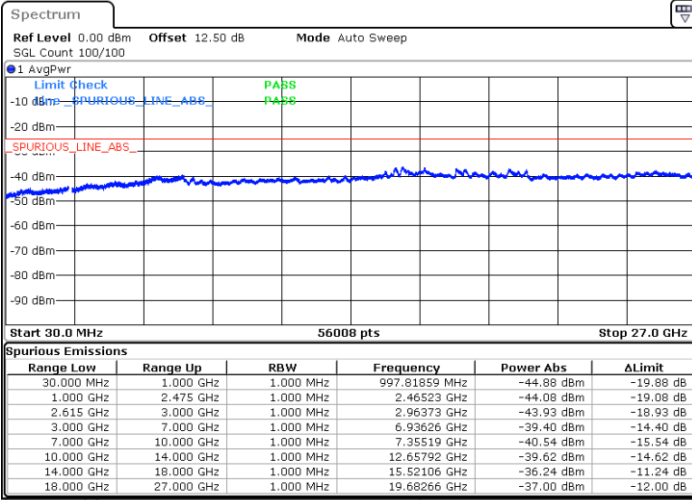


LTE Band 7C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 21.SEP.2022 11:00:17

Date: 21.SEP.2022 10:59:04

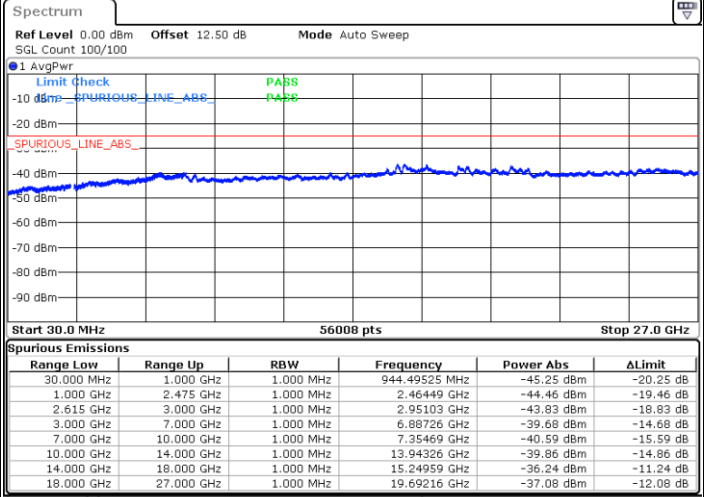
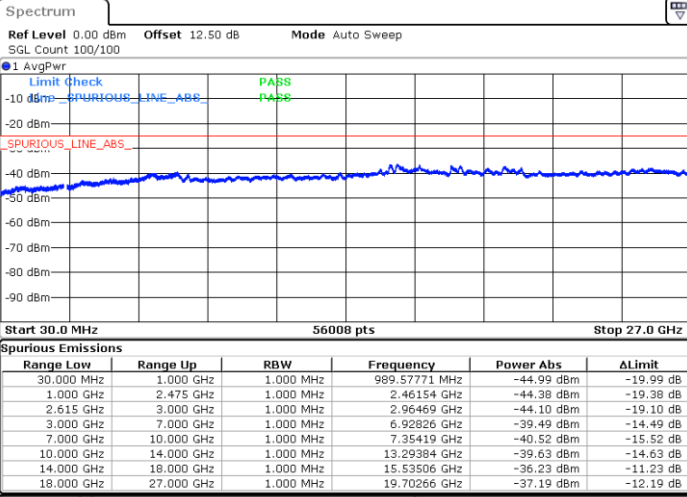


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

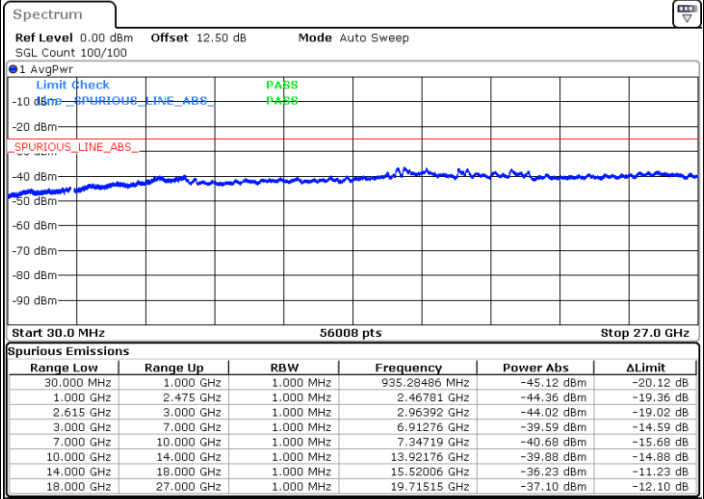
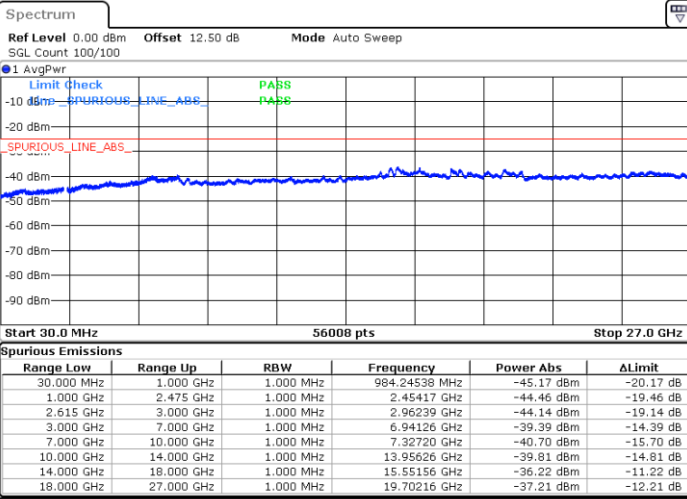


Date: 21.SEP.2022 14:07:42

Date: 21.SEP.2022 14:06:34

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 21.SEP.2022 14:36:23

Date: 21.SEP.2022 14:37:41

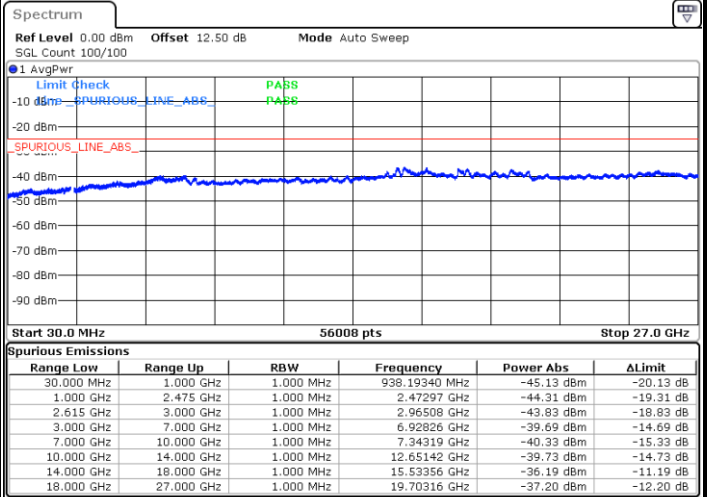
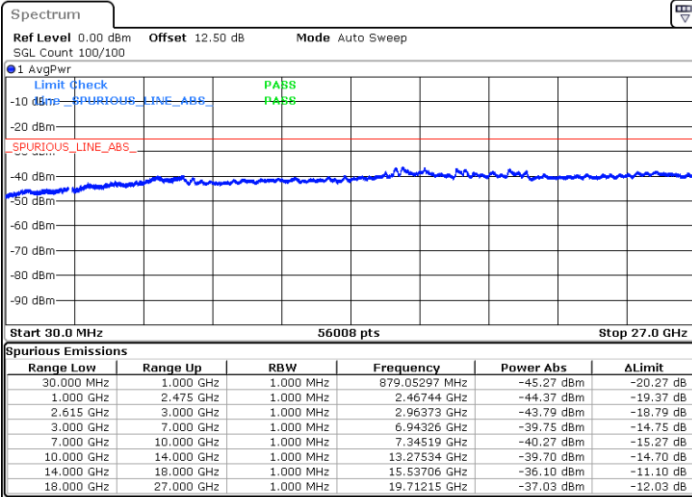


LTE Band 7C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 21.SEP.2022 11:59:11

Date: 21.SEP.2022 11:57:49

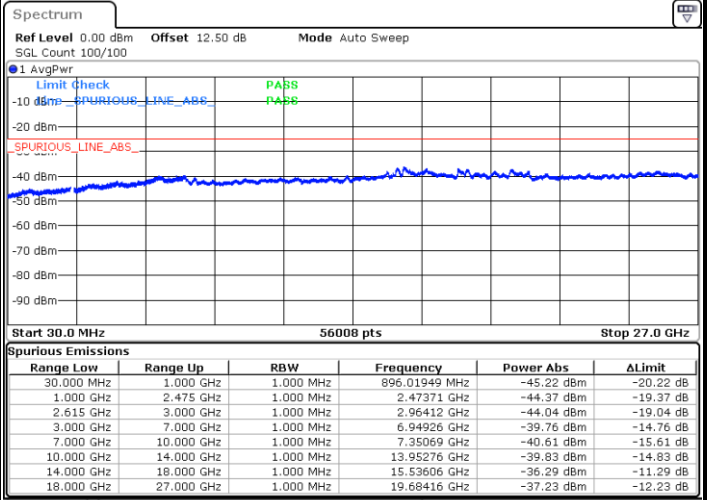
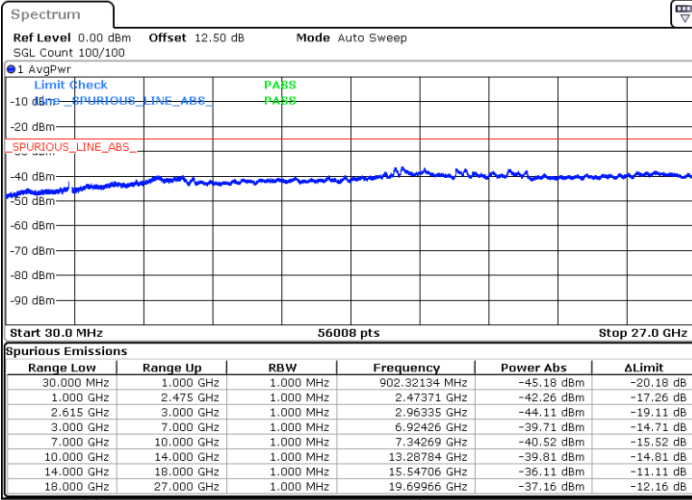


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

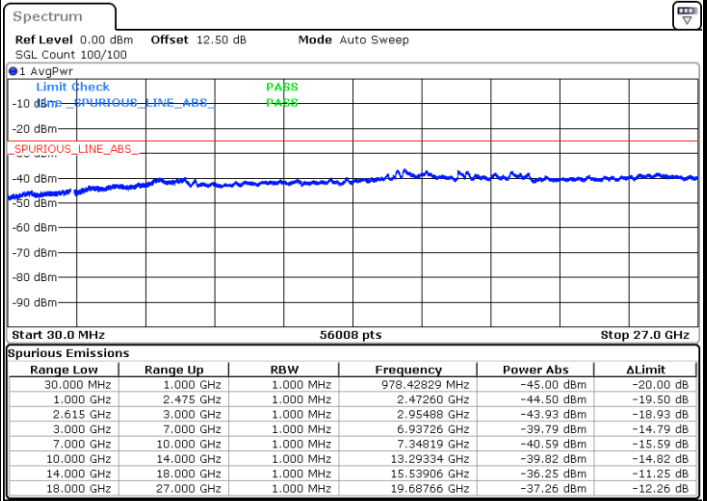
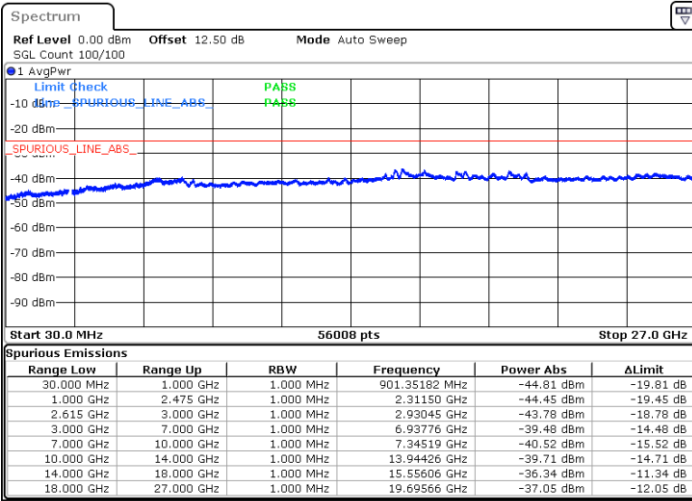


Date: 21.SEP.2022 10:31:40

Date: 21.SEP.2022 10:30:21

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 21.SEP.2022 10:40:55

Date: 21.SEP.2022 10:42:13

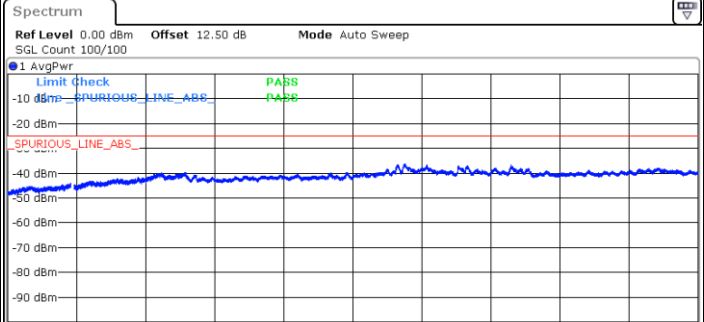
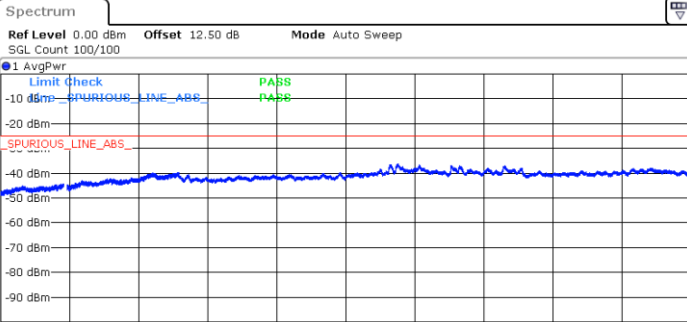


LTE Band 7C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Start 30.0 MHz 56008 pts Stop 27.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-45.07 dBm	-20.07 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-44.37 dBm	-19.37 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97431 GHz	-43.99 dBm	-18.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95426 GHz	-39.71 dBm	-14.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35319 GHz	-40.51 dBm	-15.51 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29384 GHz	-39.89 dBm	-14.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53406 GHz	-36.18 dBm	-11.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72815 GHz	-37.13 dBm	-12.13 dB

Start 30.0 MHz 56008 pts Stop 27.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-45.32 dBm	-20.32 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-44.04 dBm	-19.04 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94584 GHz	-43.98 dBm	-18.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92576 GHz	-39.69 dBm	-14.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35519 GHz	-40.71 dBm	-15.71 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.64592 GHz	-39.87 dBm	-14.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52806 GHz	-36.22 dBm	-11.22 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69916 GHz	-36.68 dBm	-11.68 dB

Date: 21.SEP.2022 10:12:34

Date: 21.SEP.2022 10:11:10

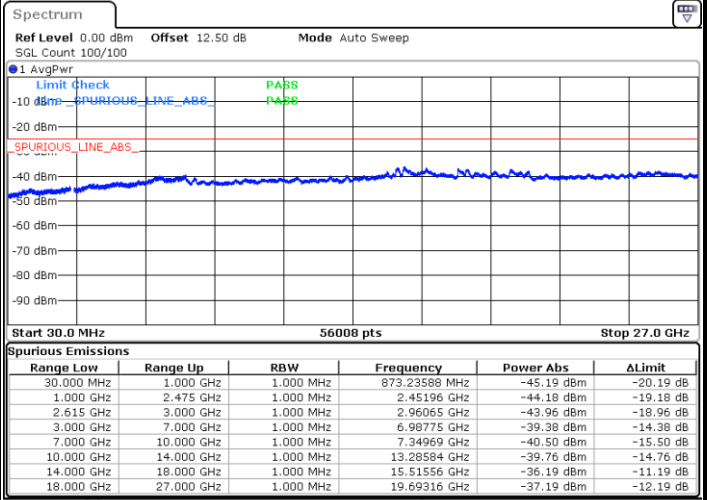
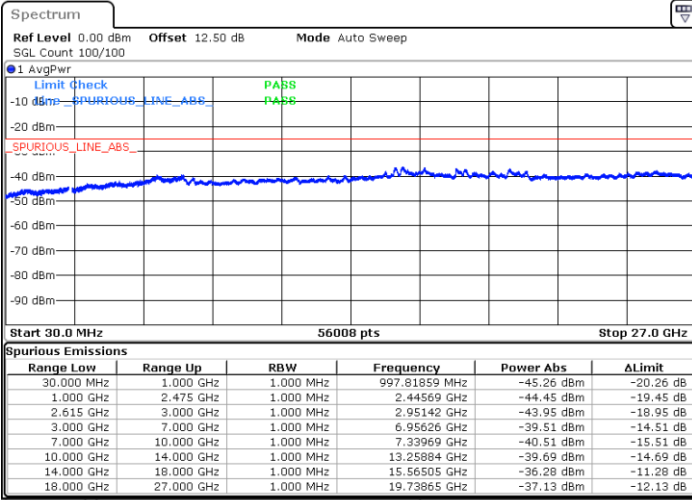


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

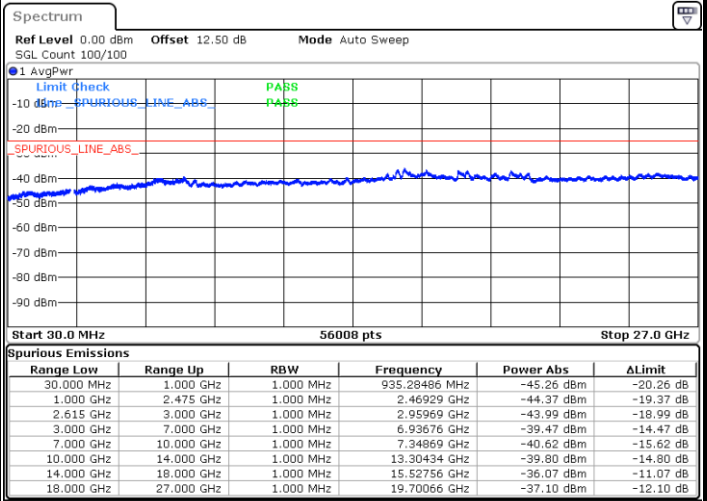
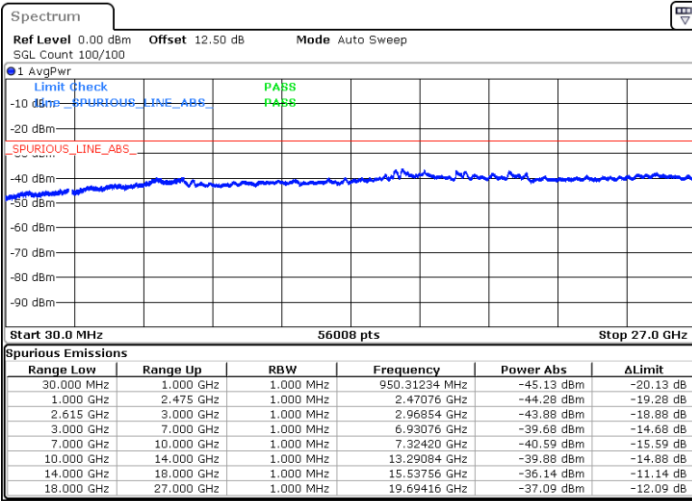


Date: 21.SEP.2022 15:16:56

Date: 21.SEP.2022 15:15:34

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 21.SEP.2022 15:27:10

Date: 21.SEP.2022 15:28:29

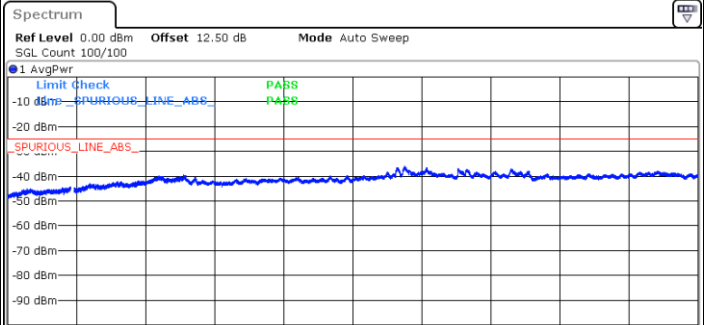
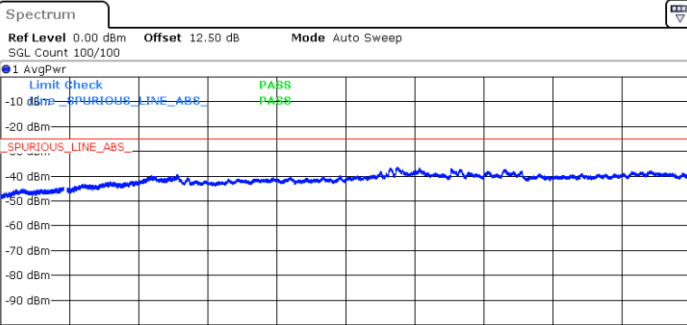


LTE Band 7C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Start 30.0 MHz 56008 pts Stop 27.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-45.14 dBm	-20.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47150 GHz	-44.53 dBm	-19.53 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97258 GHz	-43.94 dBm	-18.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90426 GHz	-39.54 dBm	-14.54 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34669 GHz	-40.60 dBm	-15.60 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95926 GHz	-39.77 dBm	-14.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54306 GHz	-36.29 dBm	-11.29 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71115 GHz	-37.15 dBm	-12.15 dB

Start 30.0 MHz 56008 pts Stop 27.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-45.05 dBm	-20.05 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46302 GHz	-44.42 dBm	-19.42 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95988 GHz	-44.14 dBm	-19.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-39.39 dBm	-14.39 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35619 GHz	-40.55 dBm	-15.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29234 GHz	-39.76 dBm	-14.76 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53606 GHz	-36.06 dBm	-11.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69666 GHz	-37.08 dBm	-12.08 dB

Date: 21.SEP.2022 14:57:43

Date: 21.SEP.2022 14:56:21

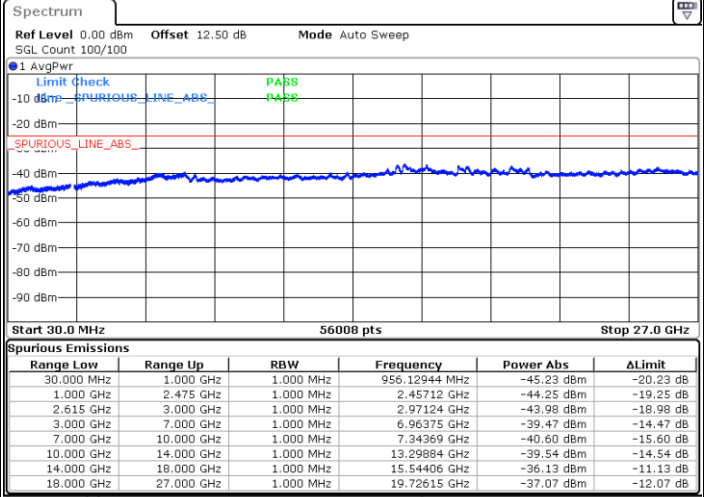
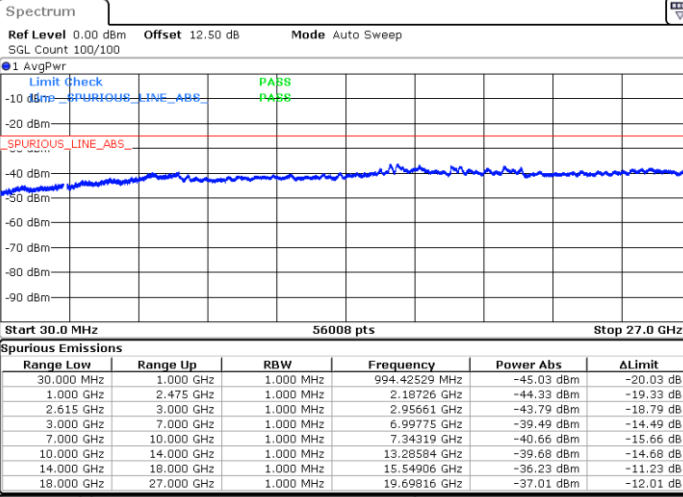


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

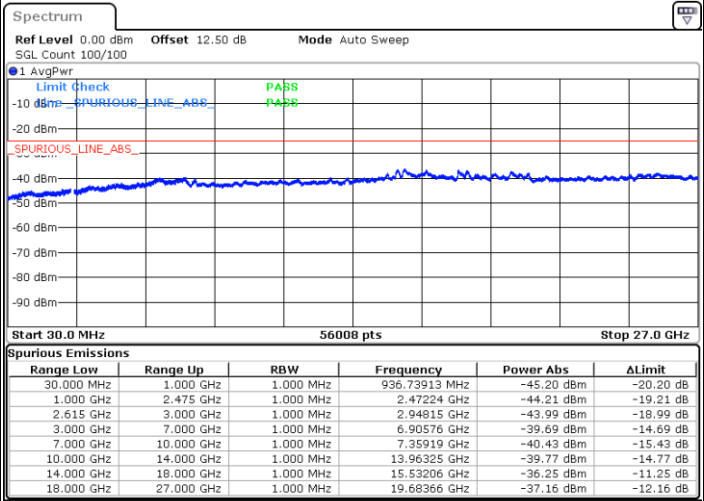
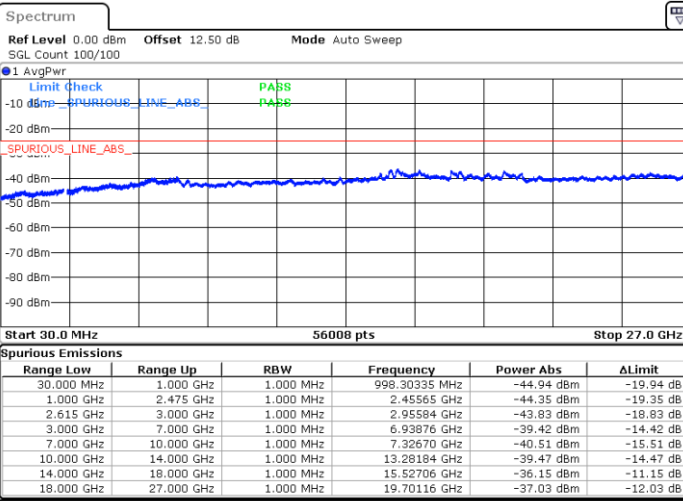


Date: 21.SEP.2022 16:03:37

Date: 21.SEP.2022 16:02:23

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 21.SEP.2022 16:12:43

Date: 21.SEP.2022 16:13:57

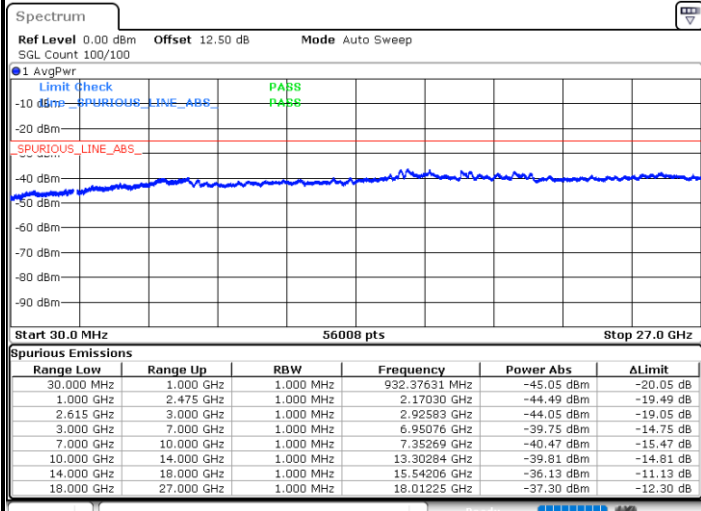


LTE Band 7C / 20MHz+20MHz

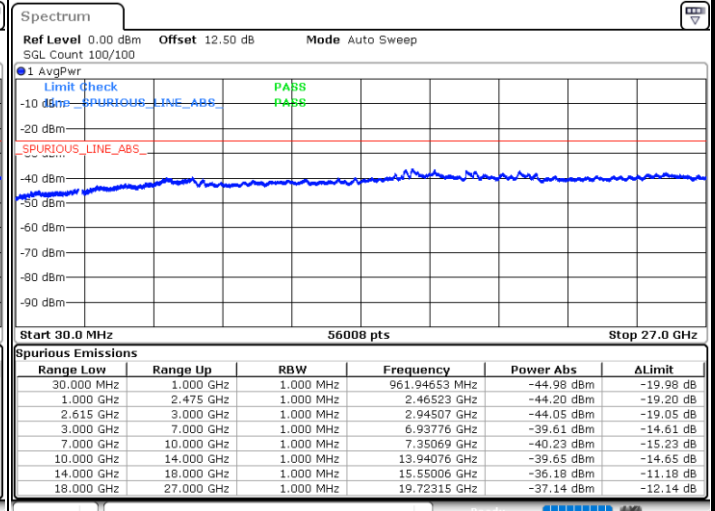
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 21.SEP.2022 15:46:29



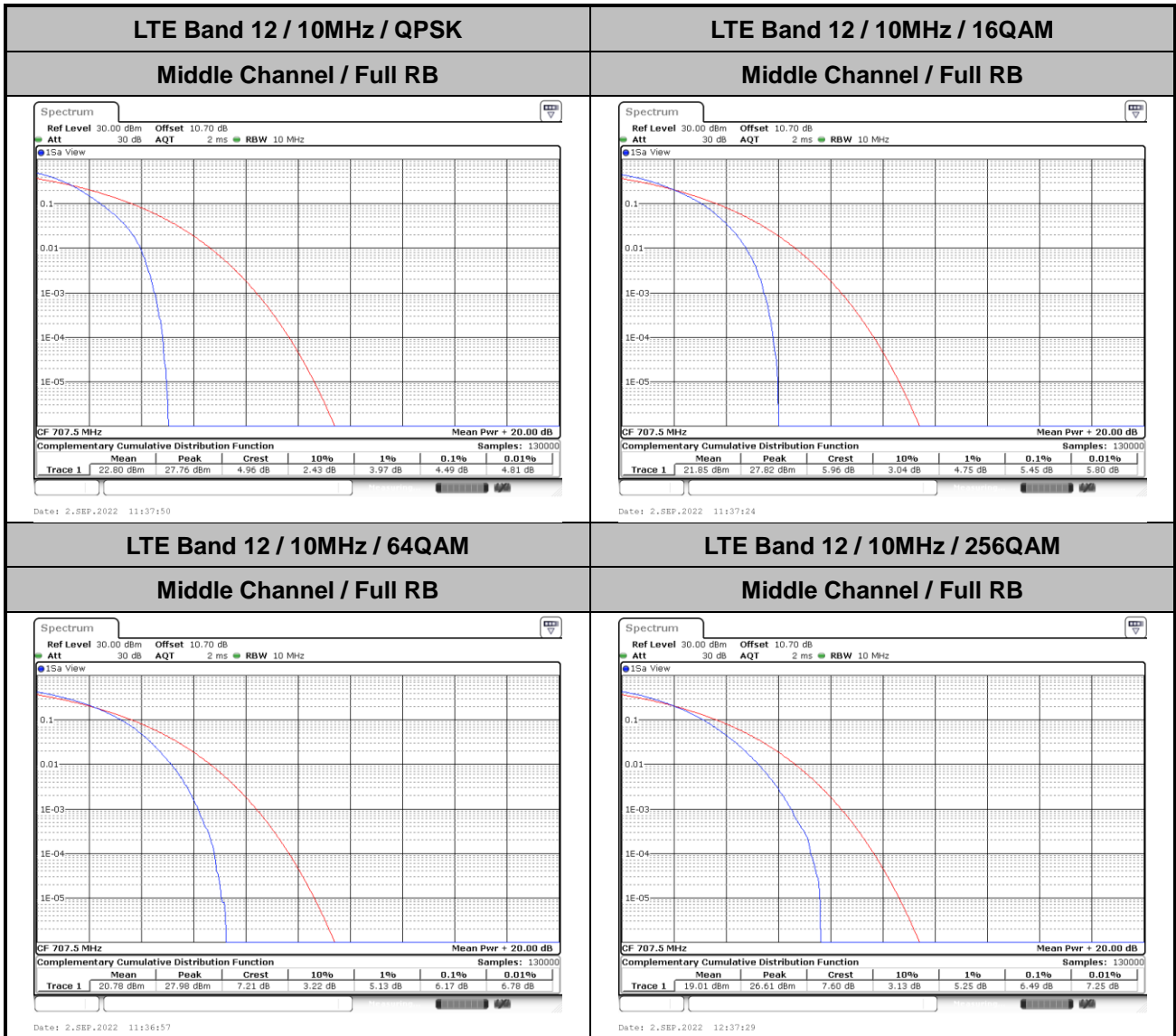
Date: 21.SEP.2022 15:45:15



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	5.45	6.17	6.49	PASS





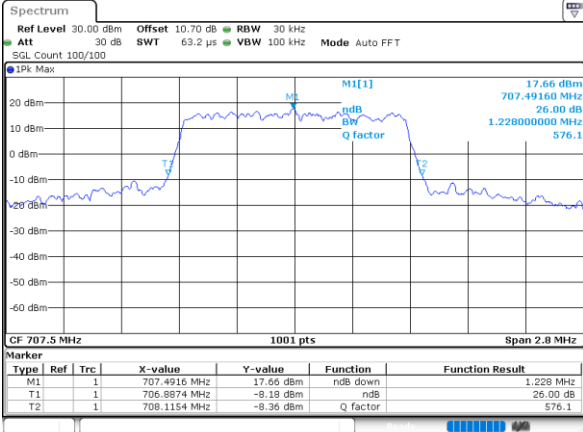
26dB Bandwidth

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	1.23	1.23	3.06	3.05	4.96	4.90	9.61	9.69	-	-	-	-
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	1.21	1.22	3.03	3.03	4.92	4.96	9.69	9.67	-	-	-	-



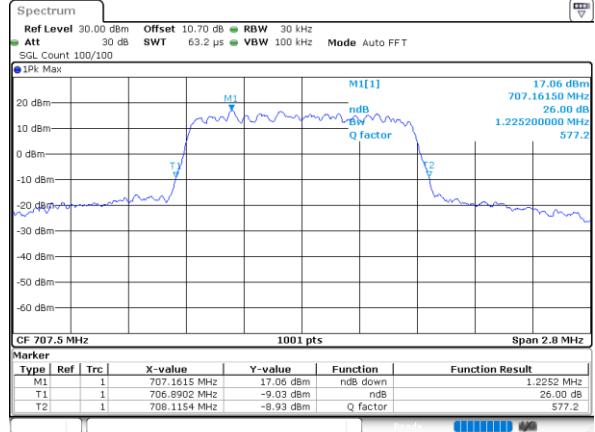
LTE Band 12

Middle Channel / 1.4MHz / QPSK



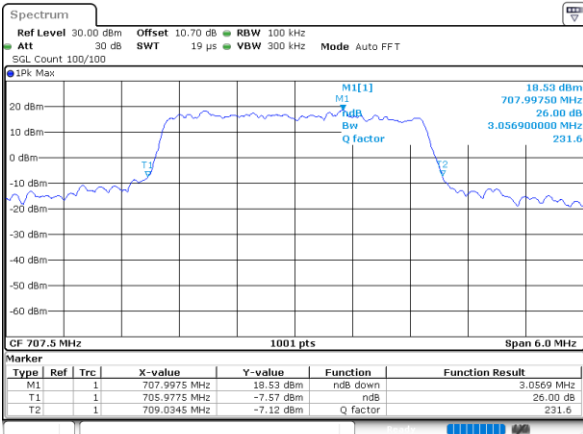
Date: 2,SEP,2022 10:34:41

Middle Channel / 1.4MHz / 16QAM



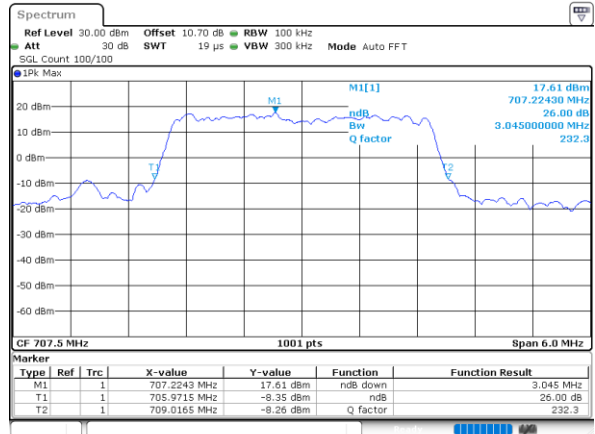
Date: 2,SEP,2022 10:35:04

Middle Channel / 3MHz / QPSK



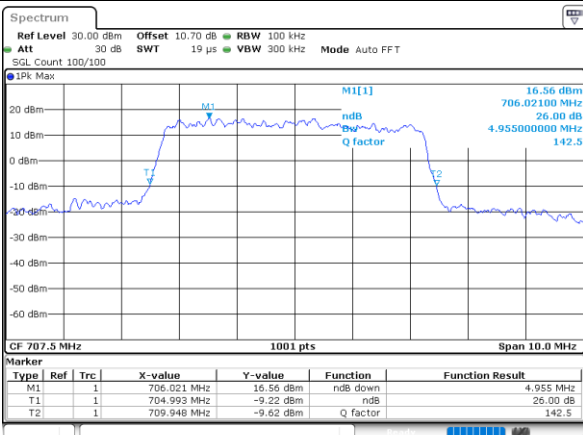
Date: 2,SEP,2022 10:51:40

Middle Channel / 3MHz / 16QAM



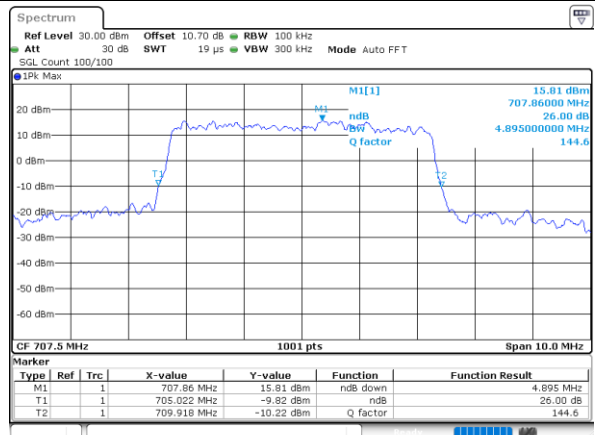
Date: 2,SEP,2022 10:52:03

Middle Channel / 5MHz / QPSK



Date: 2,SEP,2022 11:11:05

Middle Channel / 5MHz / 16QAM

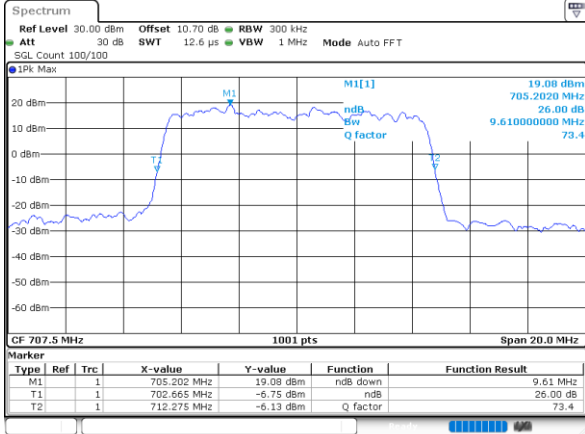


Date: 2,SEP,2022 11:13:28



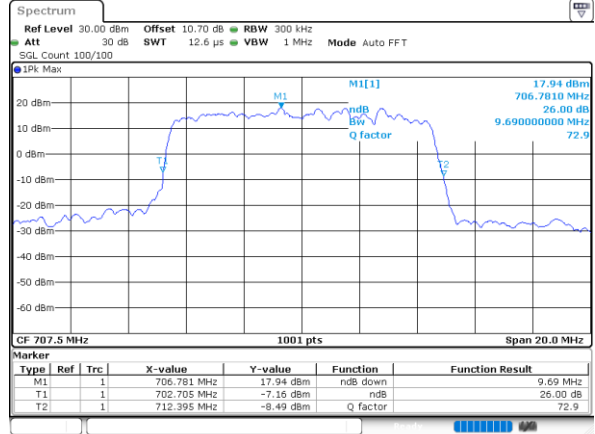
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 2,SEP,2022 11:25:138

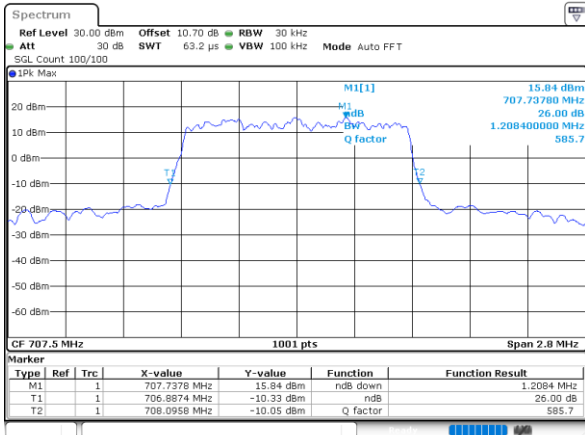
Middle Channel / 10MHz / 16QAM



Date: 2,SEP,2022 11:26:01

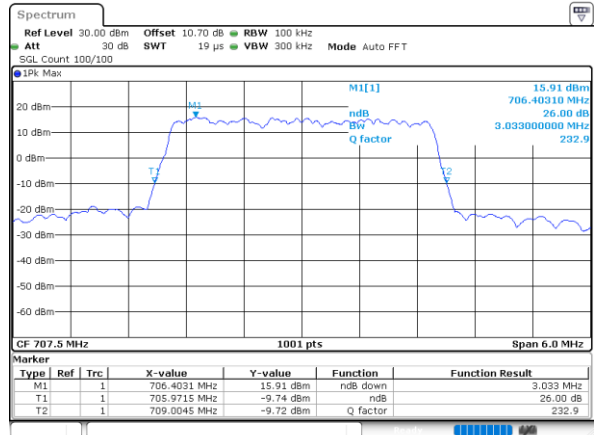
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



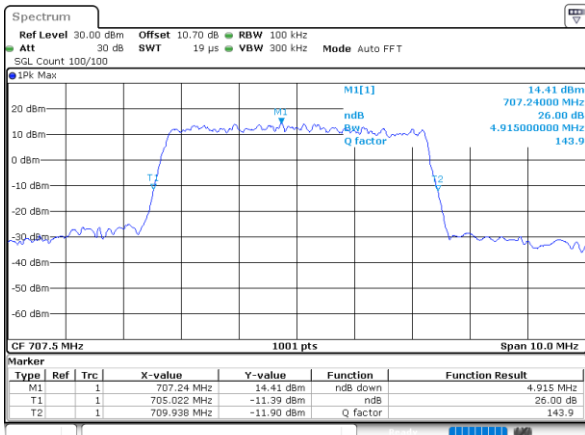
Date: 2,SEP,2022 10:43:47

Middle Channel / 3MHz / 64QAM



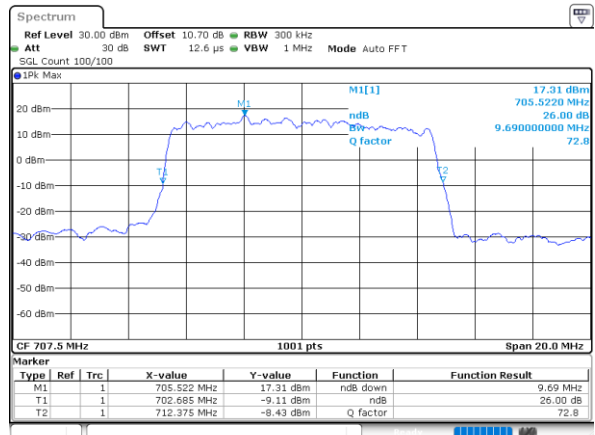
Date: 2,SEP,2022 11:00:45

Middle Channel / 5MHz / 64QAM



Date: 2,SEP,2022 11:05:111

Middle Channel / 10MHz / 64QAM

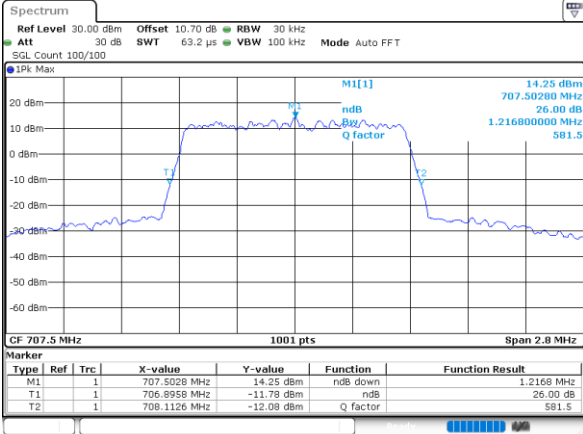


Date: 2,SEP,2022 11:34:43



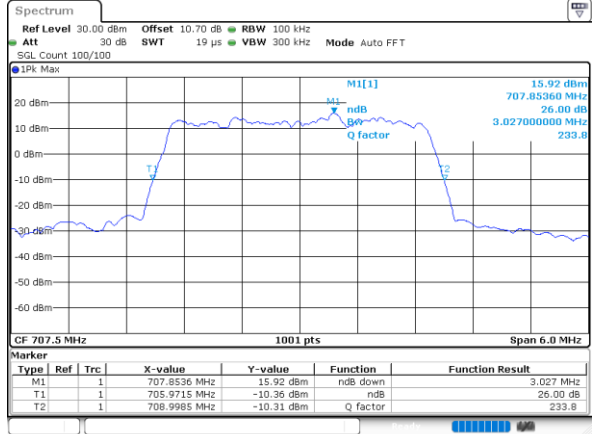
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



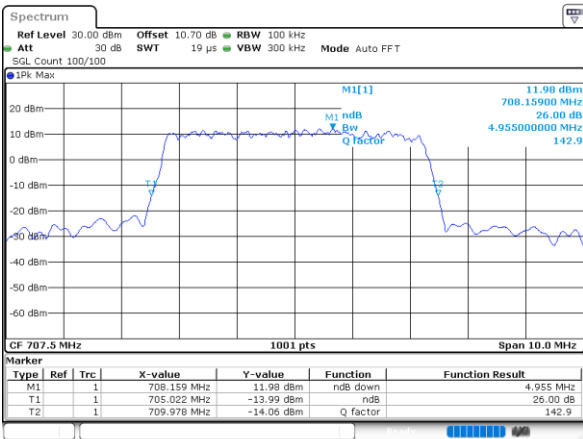
Date: 2,SEP,2022 11:40:52

Middle Channel / 3MHz / 256QAM



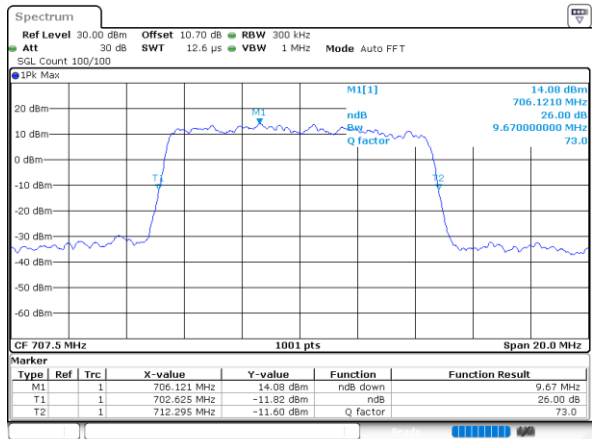
Date: 2,SEP,2022 11:51:46

Middle Channel / 5MHz / 256QAM



Date: 2,SEP,2022 11:59:01

Middle Channel / 10MHz / 256QAM



Date: 2,SEP,2022 12:08:09



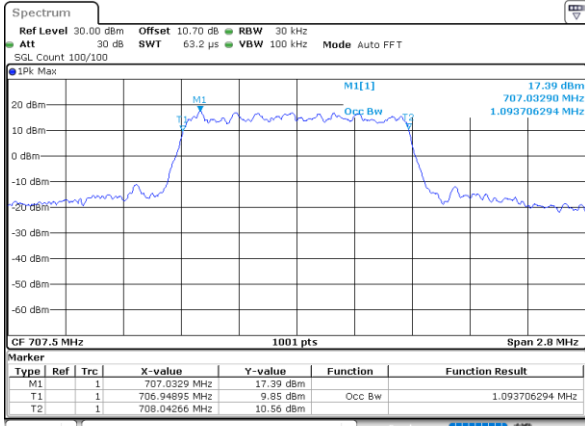
Occupied Bandwidth

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	2.72	4.50	4.49	8.97	8.97	-	-	-	-
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	1.09	1.08	2.71	2.73	4.49	4.49	8.91	8.99	-	-	-	-



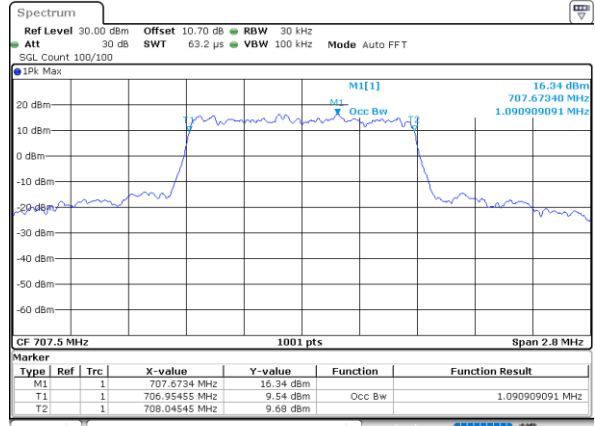
LTE Band 12

Middle Channel / 1.4MHz / QPSK



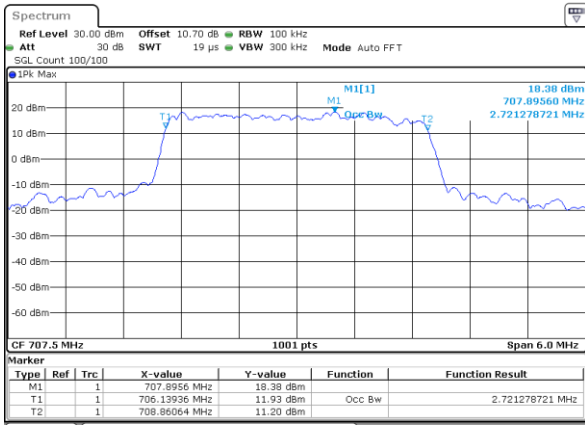
Date: 2,SEP,2022 10:34:17

Middle Channel / 1.4MHz / 16QAM



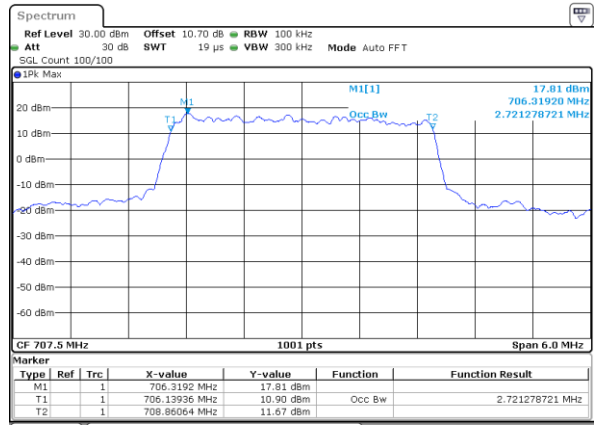
Date: 2,SEP,2022 10:33:54

Middle Channel / 3MHz / QPSK



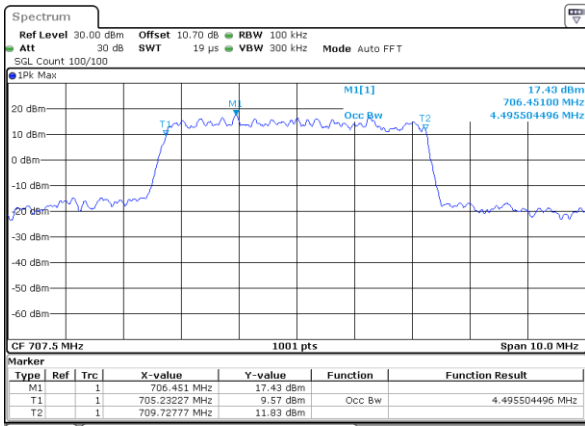
Date: 2,SEP,2022 10:51:16

Middle Channel / 3MHz / 16QAM



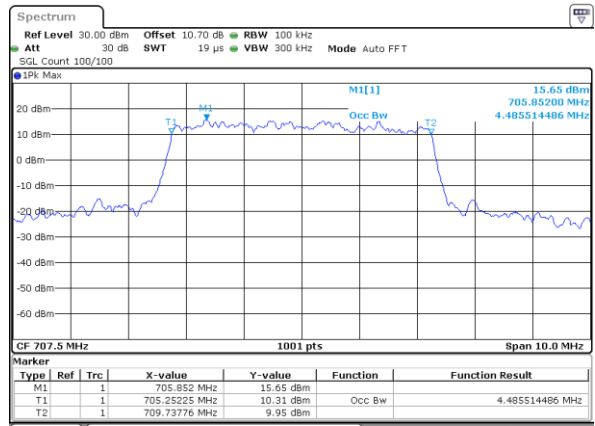
Date: 2,SEP,2022 10:50:53

Middle Channel / 5MHz / QPSK



Date: 2,SEP,2022 11:12:41

Middle Channel / 5MHz / 16QAM

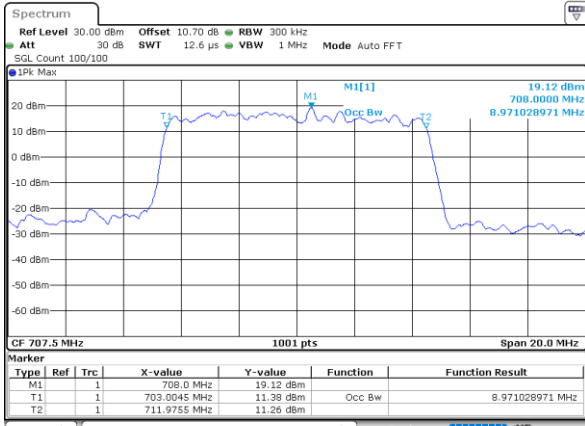


Date: 2,SEP,2022 11:12:18



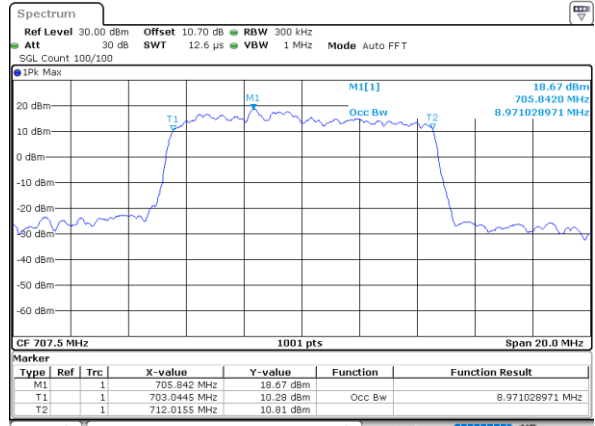
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 2,SEP,2022 11:25:14

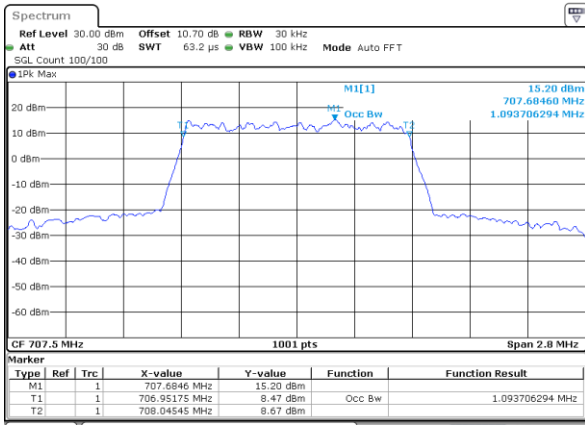
Middle Channel / 10MHz / 16QAM



Date: 2,SEP,2022 11:24:51

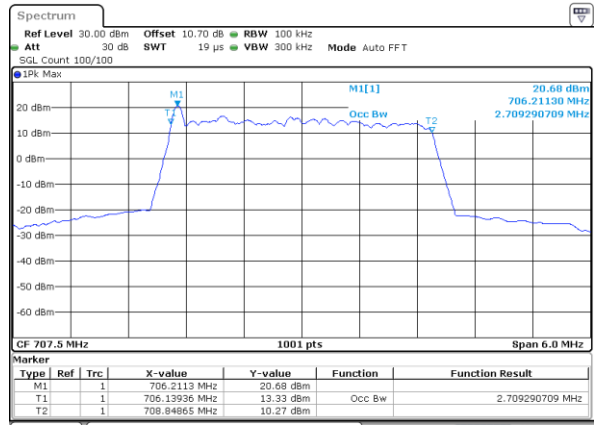
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



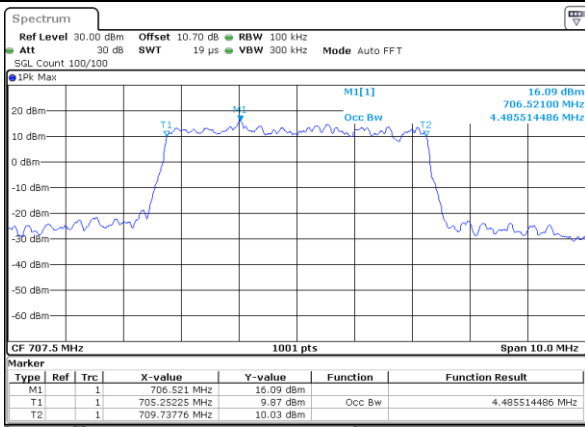
Date: 2,SEP,2022 10:43:24

Middle Channel / 3MHz / 64QAM



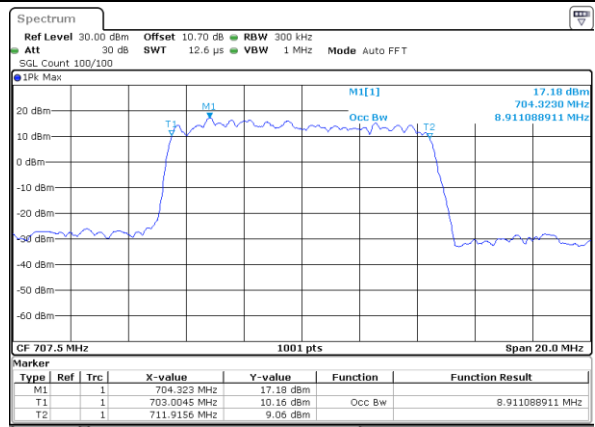
Date: 2,SEP,2022 11:00:21

Middle Channel / 5MHz / 64QAM



Date: 2,SEP,2022 11:04:48

Middle Channel / 10MHz / 64QAM

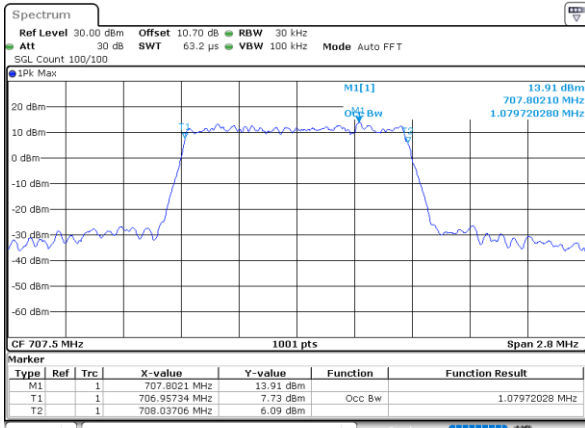


Date: 2,SEP,2022 11:34:20



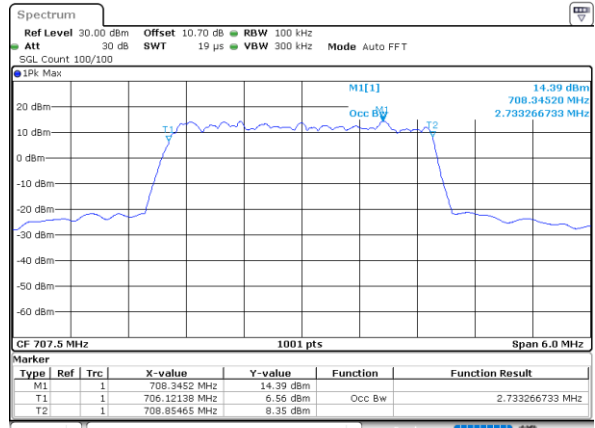
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



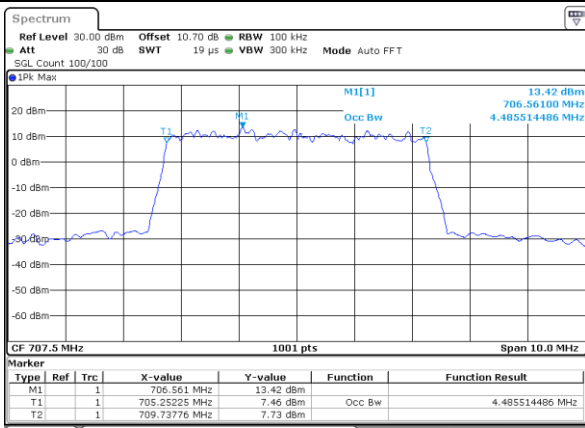
Date: 2,SEP,2022 11:40:28

Middle Channel / 3MHz / 256QAM



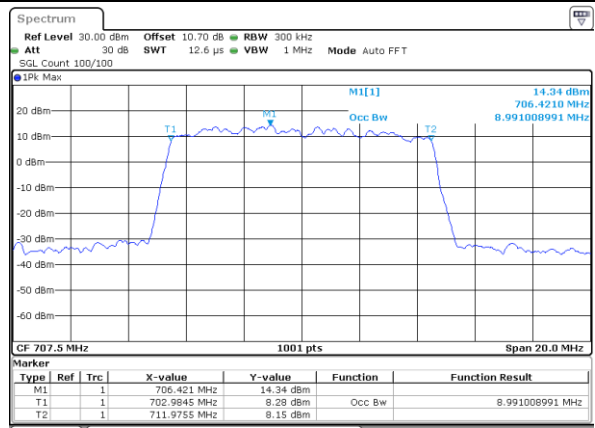
Date: 2,SEP,2022 11:51:23

Middle Channel / 5MHz / 256QAM



Date: 2,SEP,2022 11:58:38

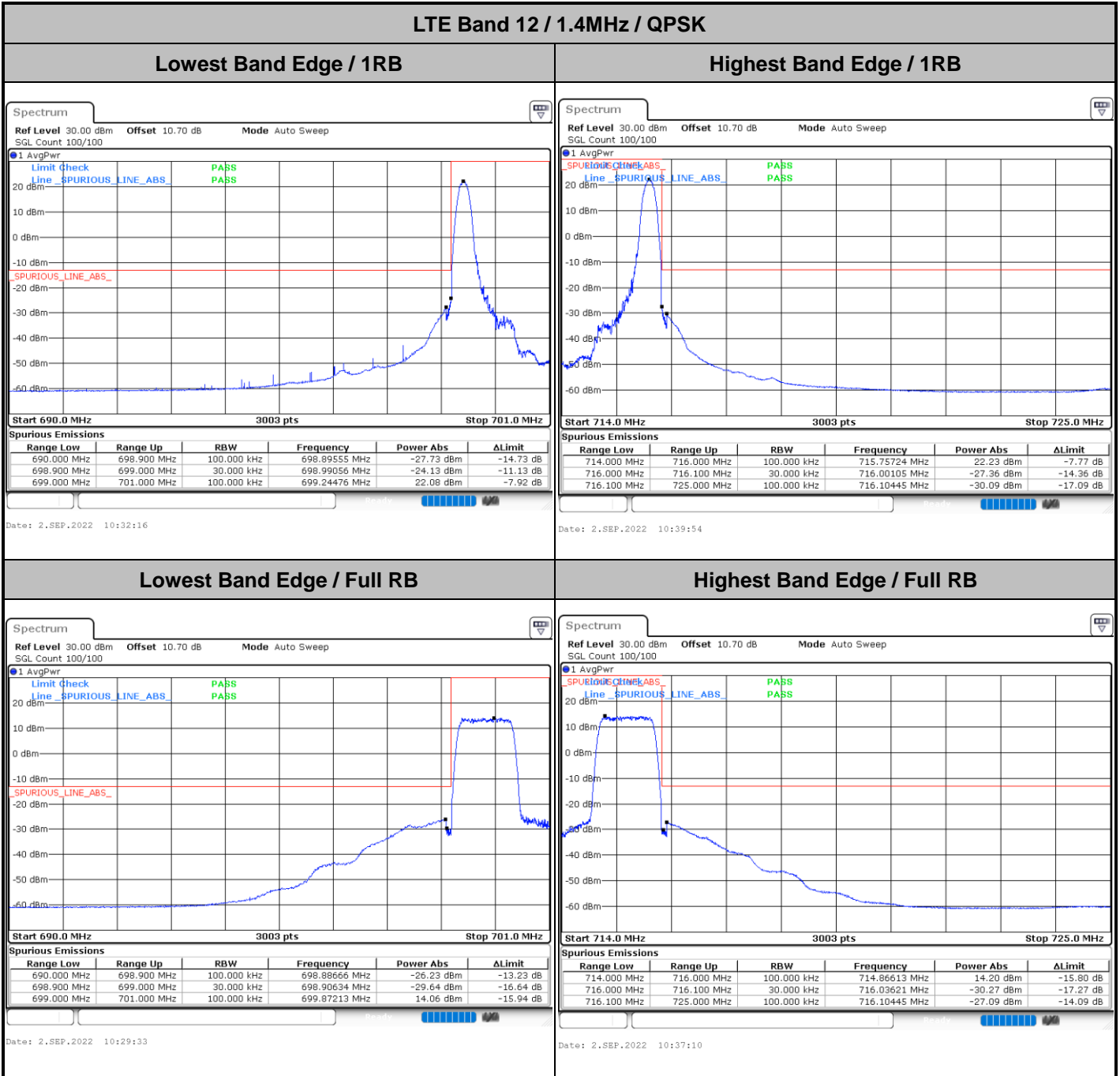
Middle Channel / 10MHz / 256QAM



Date: 2,SEP,2022 12:07:46



Conducted Band Edge





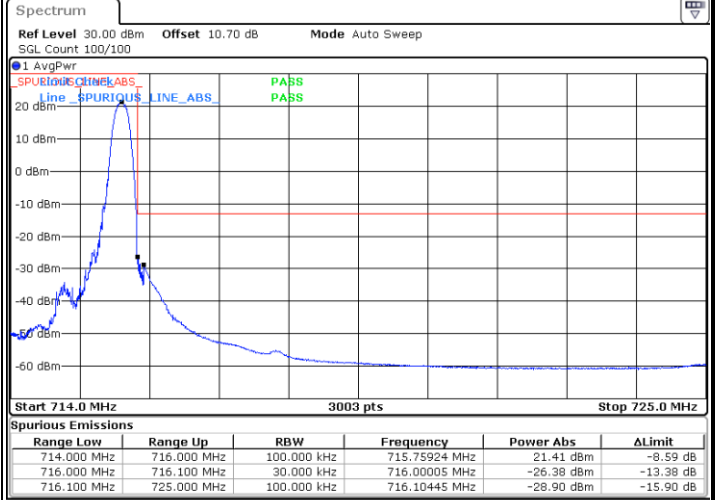
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



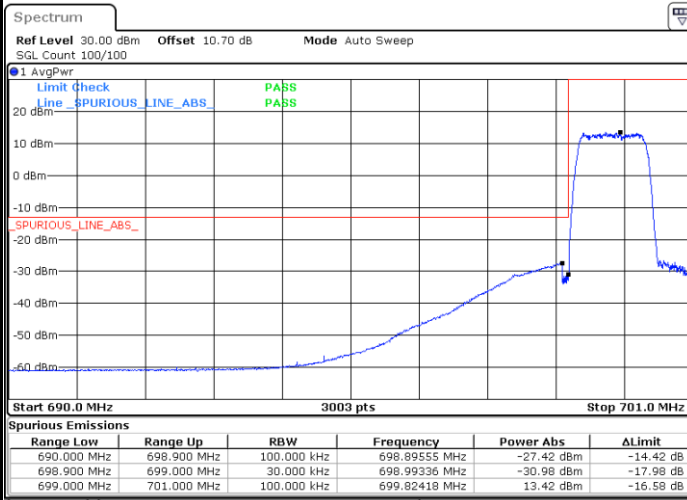
Date: 2.SEP.2022 10:31:22

Highest Band Edge / 1 RB



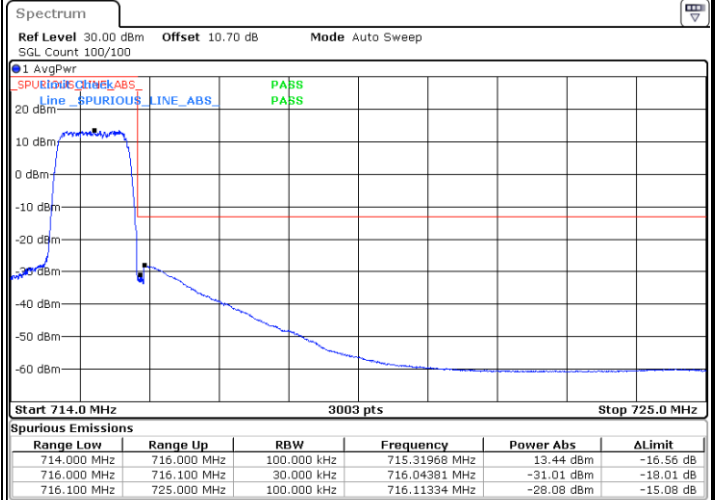
Date: 2.SEP.2022 10:38:59

Lowest Band Edge / Full RB



Date: 2.SEP.2022 10:30:28

Highest Band Edge / Full RB

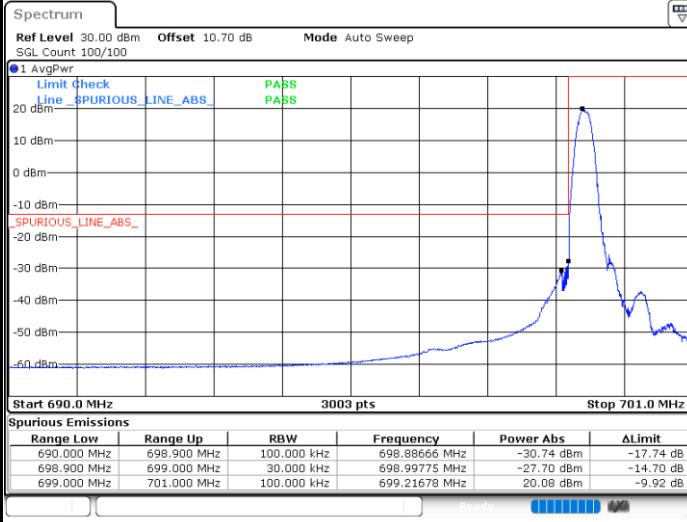


Date: 2.SEP.2022 10:38:04

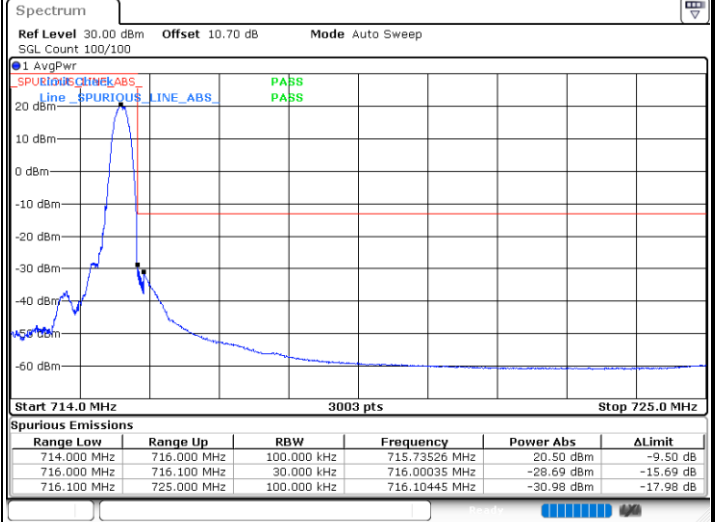


LTE Band 12 / 1.4MHz / 64QAM

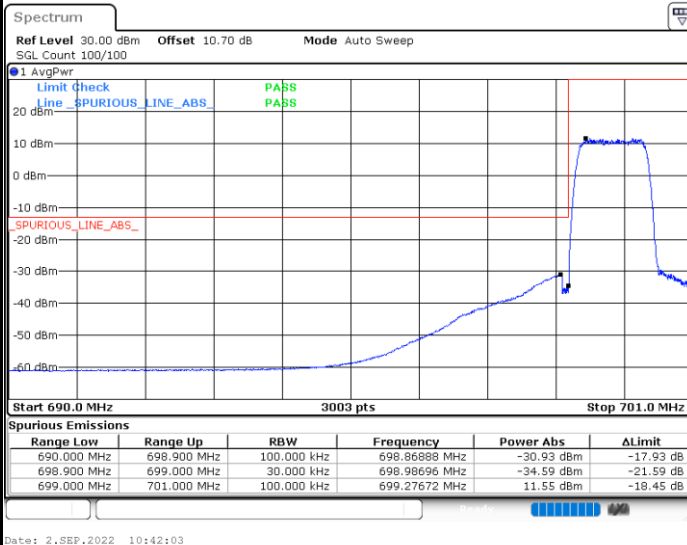
Lowest Band Edge / 1 RB



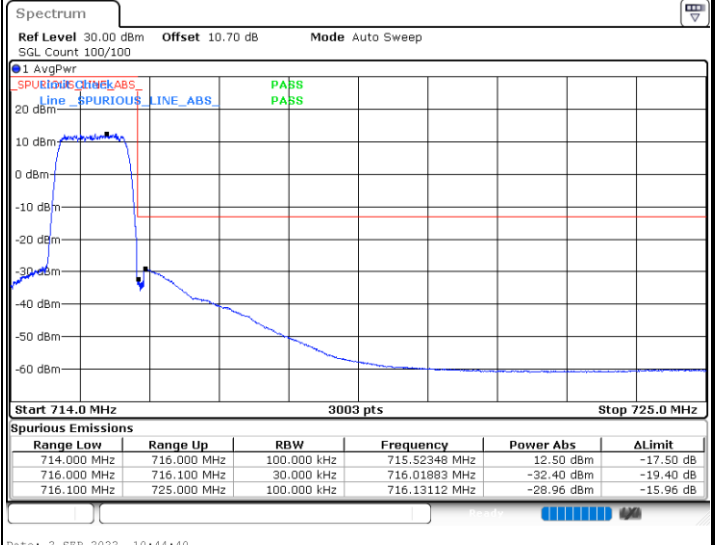
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



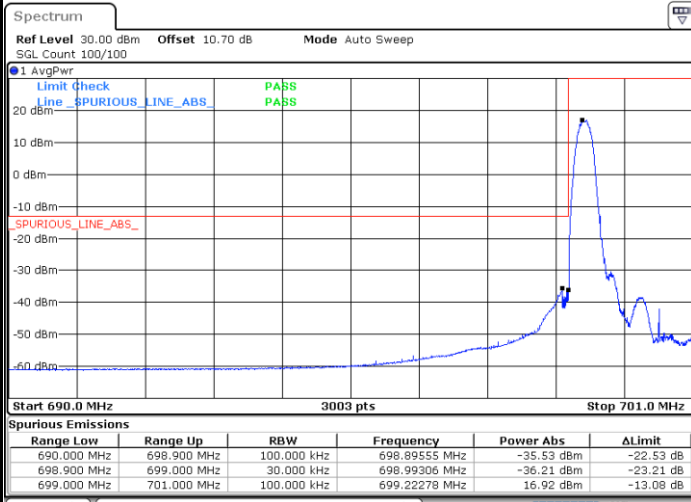
Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 256QAM

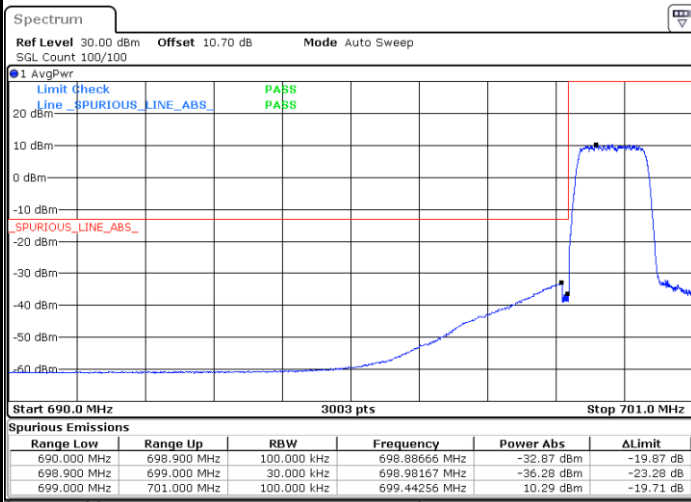
Lowest Band Edge / 1 RB



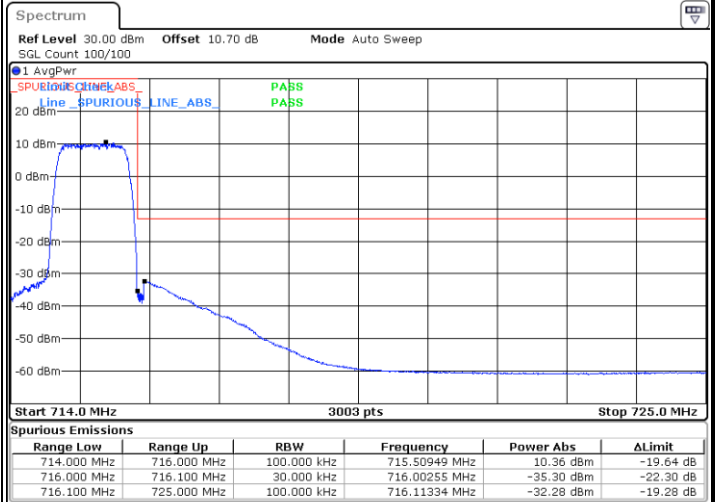
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



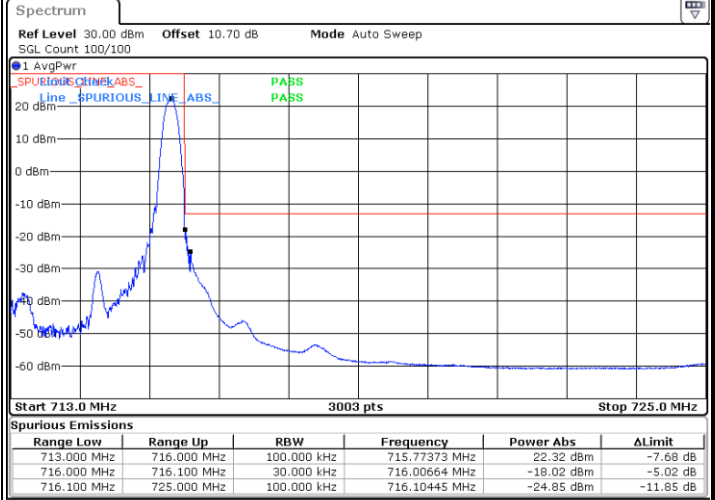


LTE Band 12 / 3MHz / QPSK

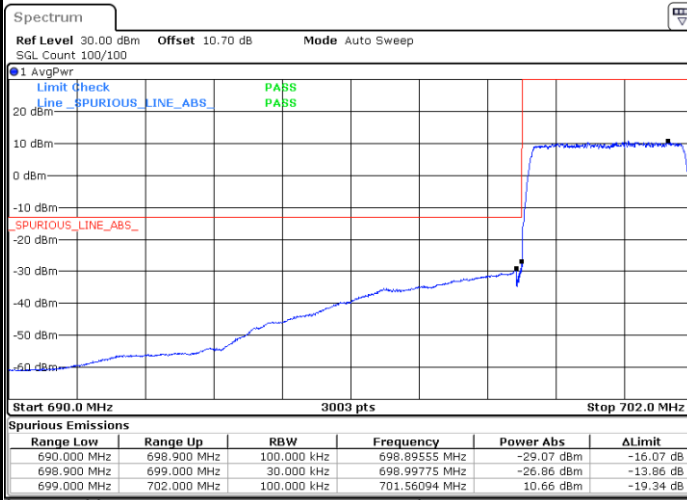
Lowest Band Edge / 1RB



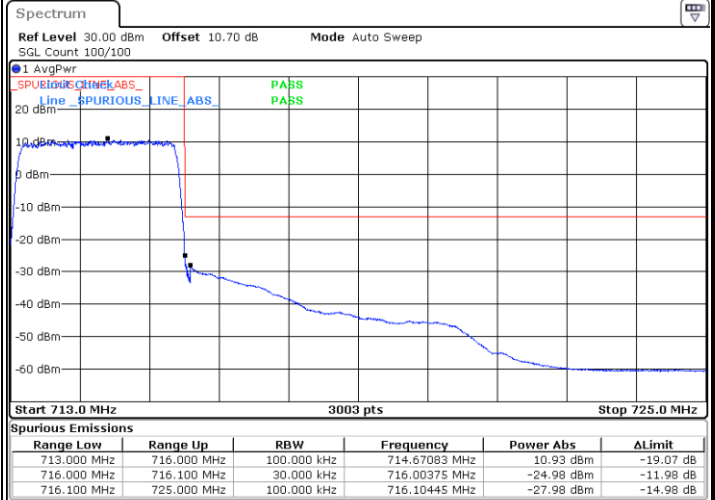
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



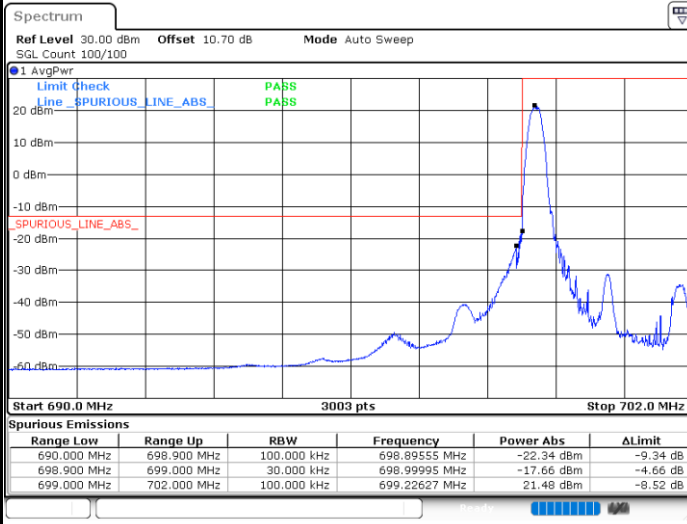
Highest Band Edge / Full RB





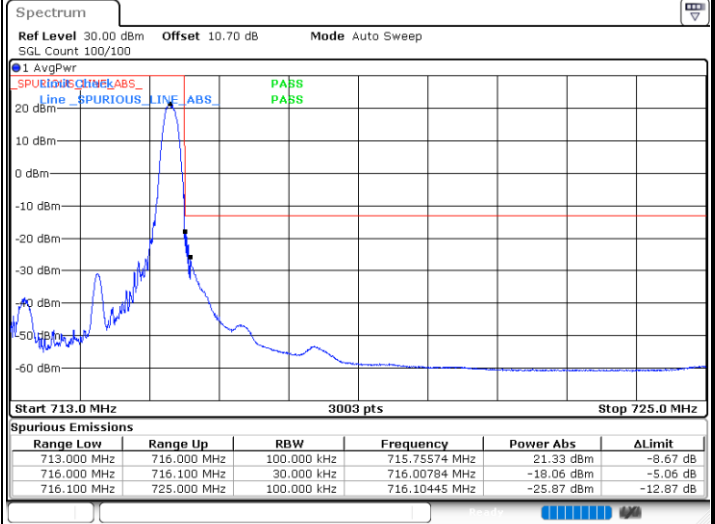
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



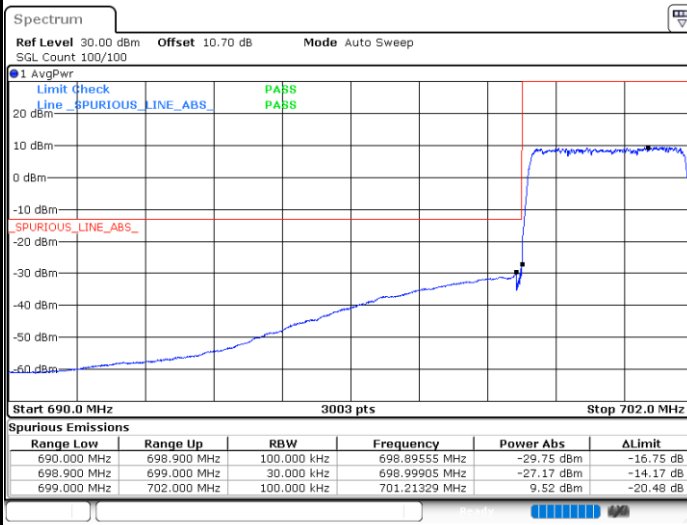
Date: 2.SEP.2022 10:48:20

Highest Band Edge / 1 RB



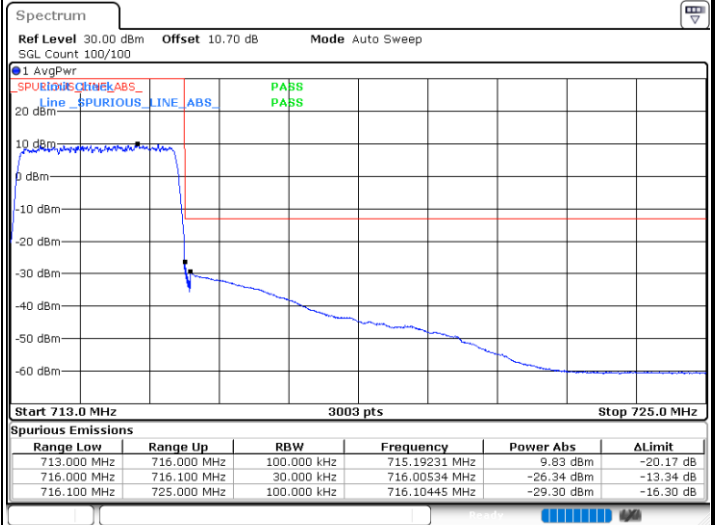
Date: 2.SEP.2022 10:55:59

Lowest Band Edge / Full RB



Date: 2.SEP.2022 10:47:25

Highest Band Edge / Full RB

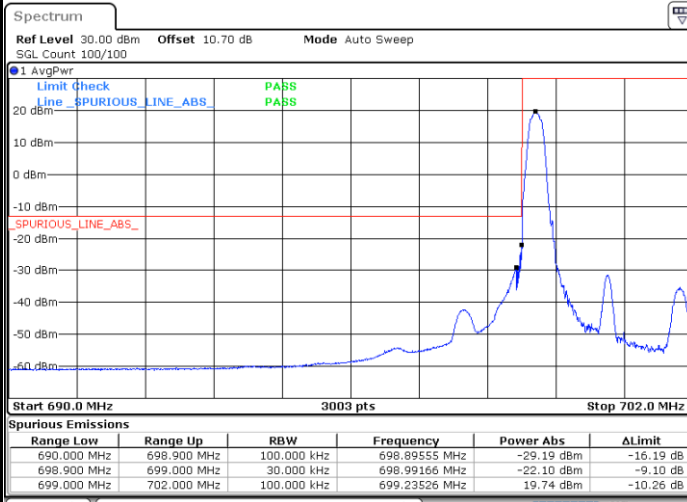


Date: 2.SEP.2022 10:55:04



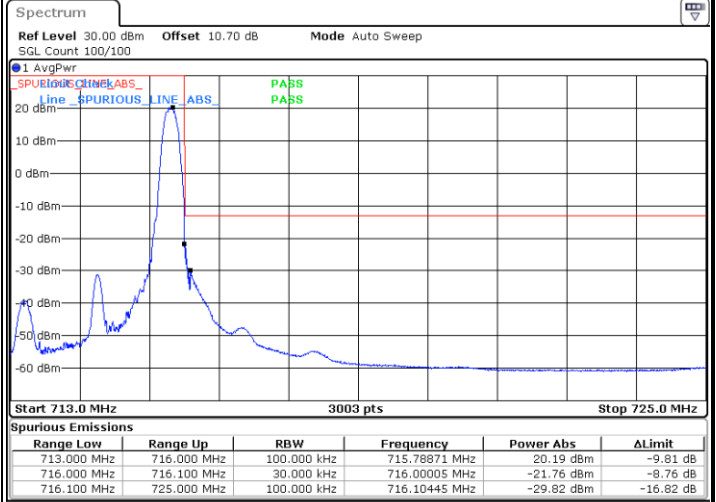
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



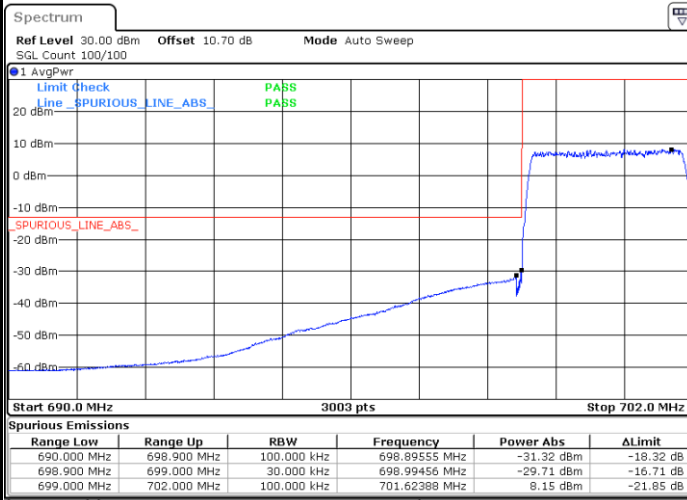
Date: 2.SEP.2022 10:59:56

Highest Band Edge / 1 RB



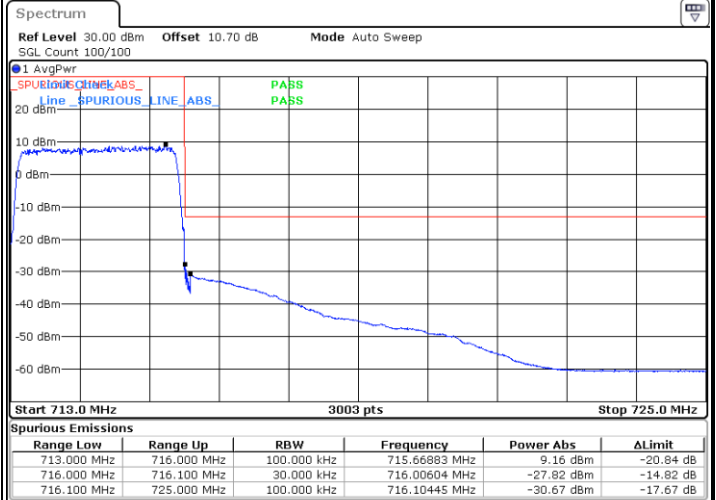
Date: 2.SEP.2022 11:02:32

Lowest Band Edge / Full RB



Date: 2.SEP.2022 10:59:01

Highest Band Edge / Full RB



Date: 2.SEP.2022 11:01:37