

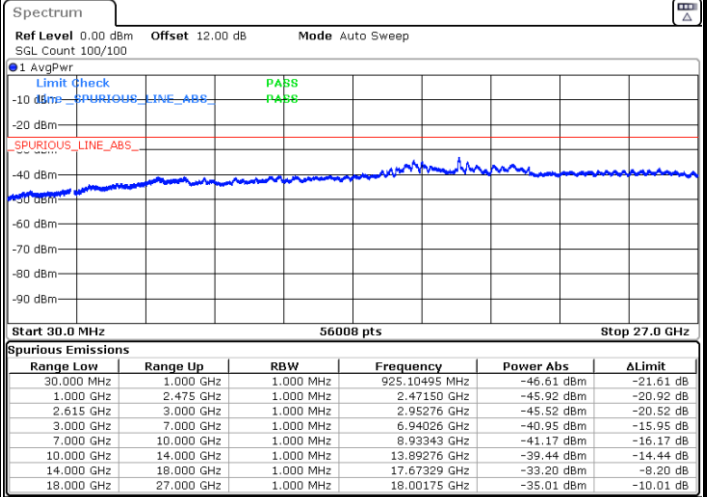
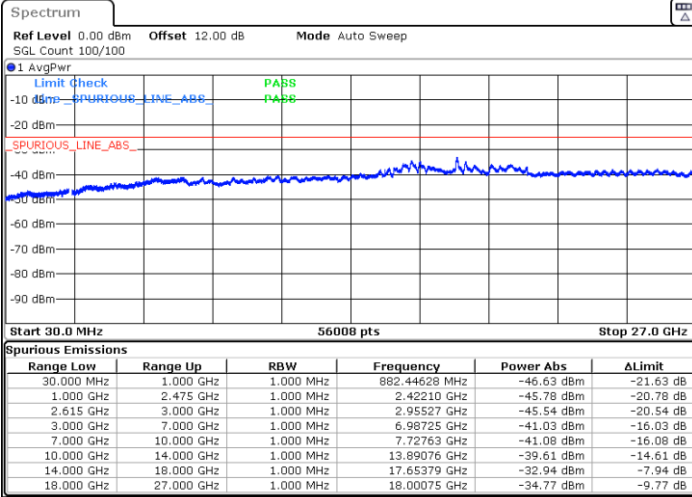


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

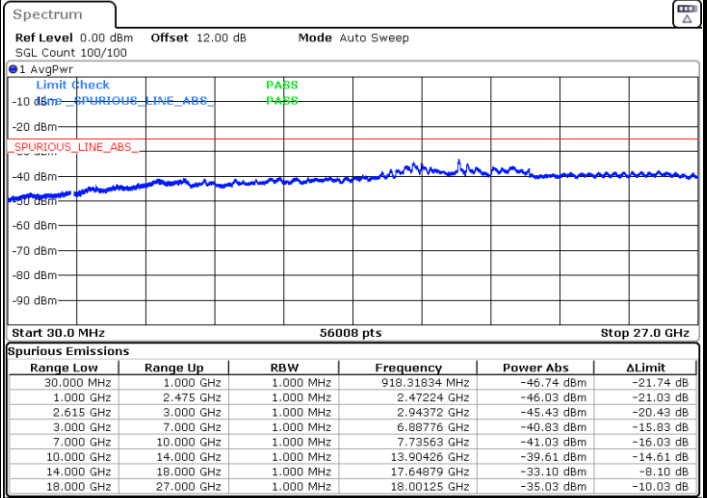
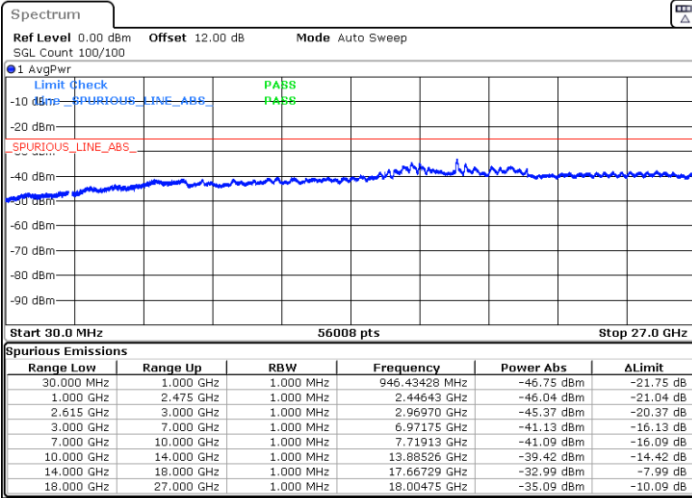


Date: 19.OCT.2022 02:23:56

Date: 19.OCT.2022 02:22:36

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 19.OCT.2022 02:31:21

Date: 19.OCT.2022 02:32:41

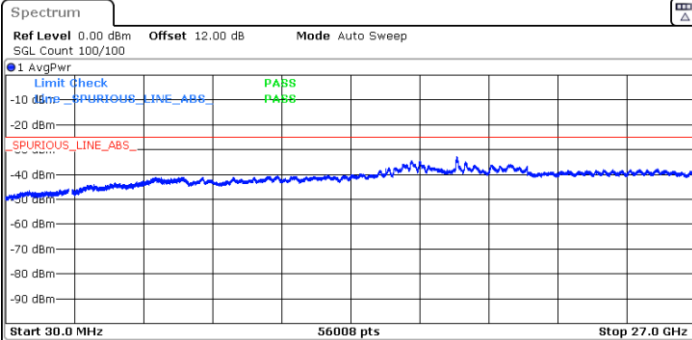


LTE Band 7C / 15MHz+15MHz

QPSK

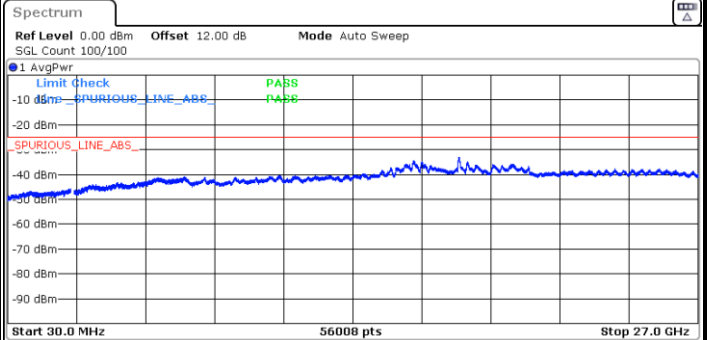
Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-46.55 dBm	-21.55 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47260 GHz	-45.79 dBm	-20.79 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96970 GHz	-45.46 dBm	-20.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78878 GHz	-41.04 dBm	-16.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.70613 GHz	-41.08 dBm	-16.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89626 GHz	-39.67 dBm	-14.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65579 GHz	-32.91 dBm	-7.91 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00075 GHz	-35.06 dBm	-10.06 dB

Date: 19.OCT.2022 02:05:25



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-46.82 dBm	-21.82 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43684 GHz	-45.80 dBm	-20.80 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94815 GHz	-45.30 dBm	-20.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92026 GHz	-40.91 dBm	-15.91 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.93093 GHz	-41.20 dBm	-16.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92126 GHz	-39.63 dBm	-14.63 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66729 GHz	-33.03 dBm	-8.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00325 GHz	-35.05 dBm	-10.05 dB

Date: 19.OCT.2022 02:04:05

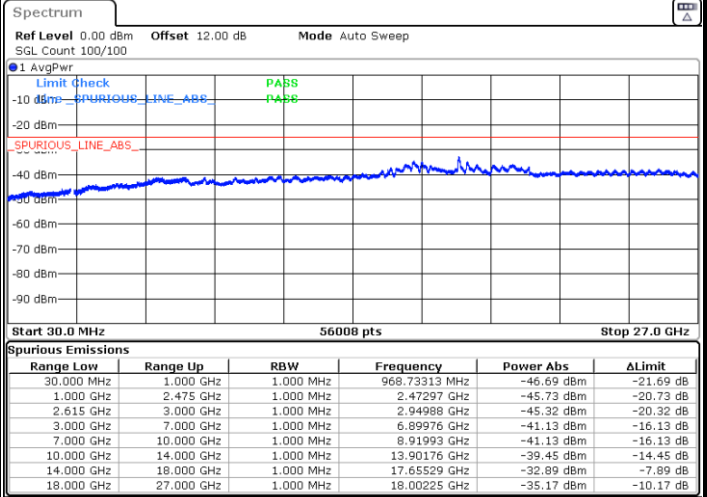
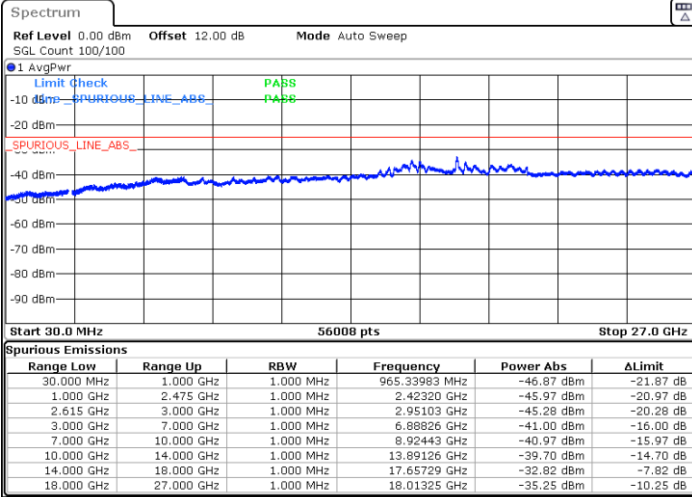


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

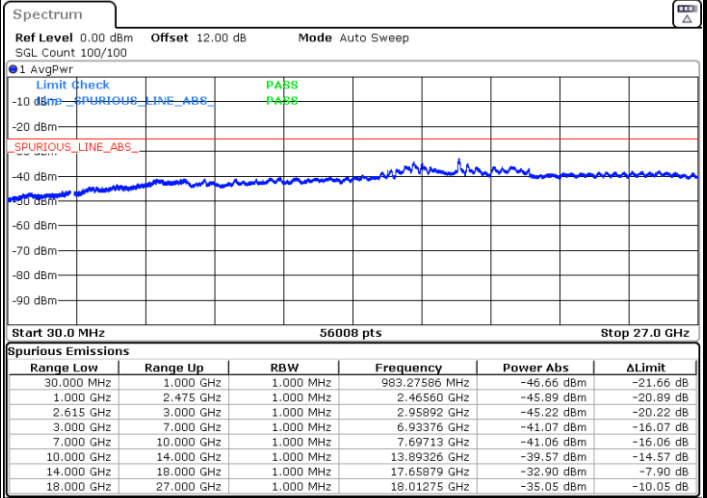
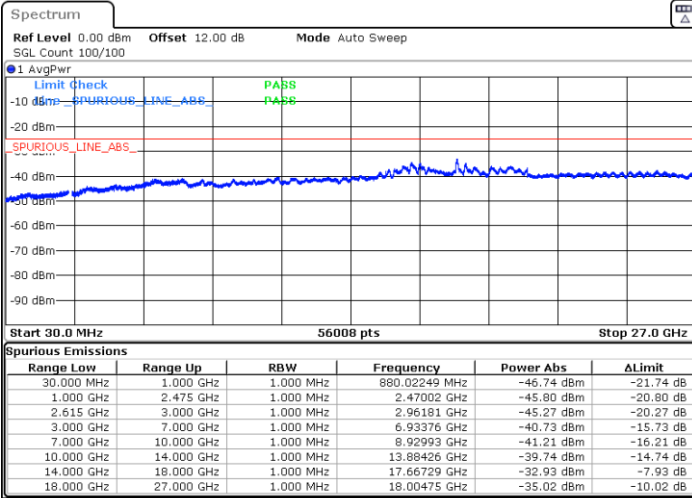


Date: 19.OCT.2022 03:15:53

Date: 19.OCT.2022 03:14:30

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 19.OCT.2022 03:24:32

Date: 19.OCT.2022 03:25:54

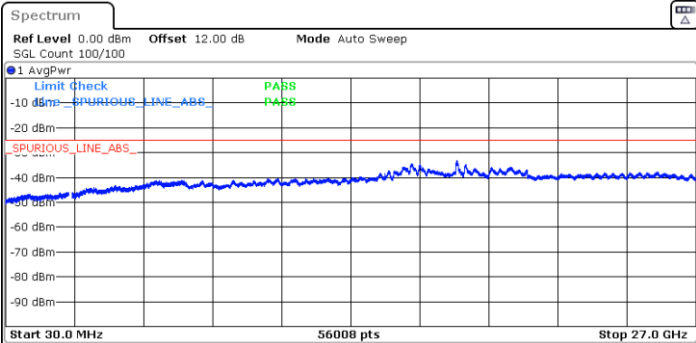


LTE Band 7C / 15MHz+20MHz

QPSK

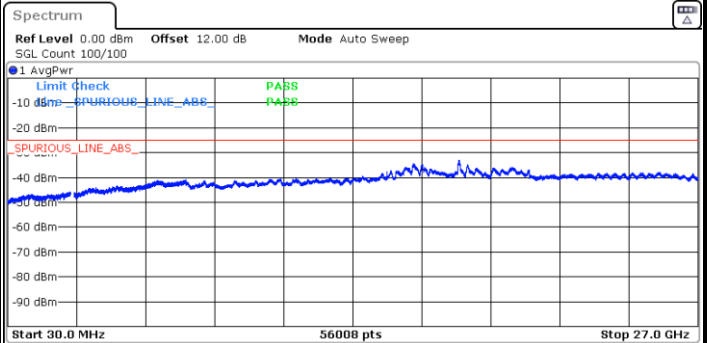
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-46.66 dBm	-21.66 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.42615 GHz	-45.98 dBm	-20.98 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95123 GHz	-45.55 dBm	-20.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-41.05 dBm	-16.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92243 GHz	-41.21 dBm	-16.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90476 GHz	-39.63 dBm	-14.63 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66229 GHz	-33.04 dBm	-8.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00575 GHz	-35.00 dBm	-10.00 dB

Date: 19.OCT.2022 02:56:09



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-46.86 dBm	-21.86 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46855 GHz	-45.88 dBm	-20.88 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97393 GHz	-45.48 dBm	-20.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-40.85 dBm	-15.85 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92043 GHz	-41.12 dBm	-16.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89926 GHz	-39.60 dBm	-14.60 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66229 GHz	-33.04 dBm	-8.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00225 GHz	-35.14 dBm	-10.14 dB

Date: 19.OCT.2022 02:54:47

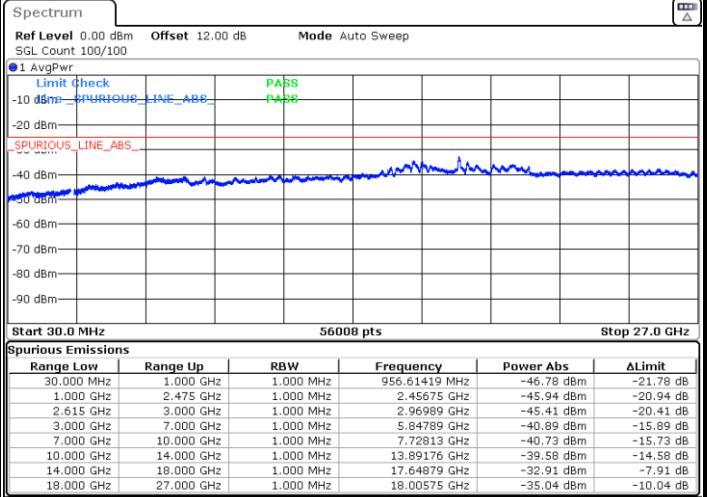
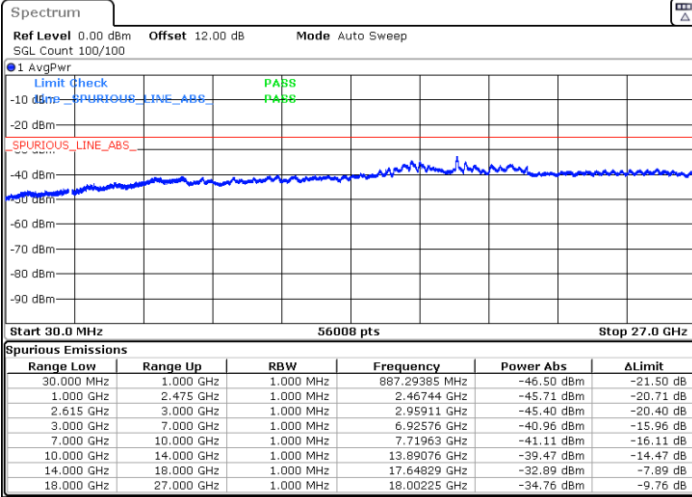


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

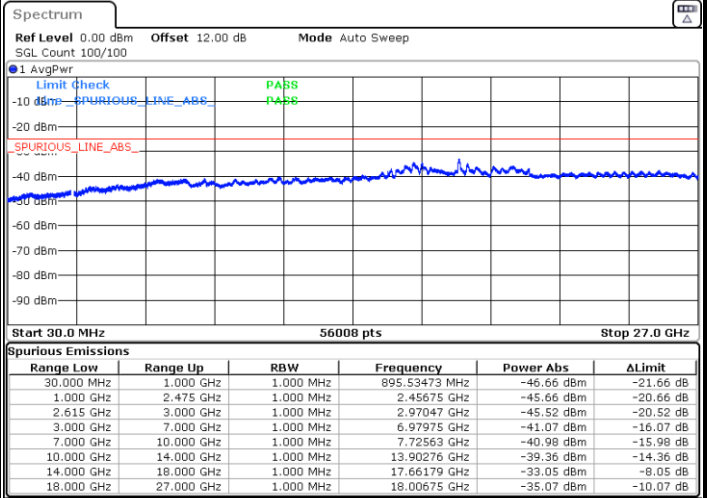
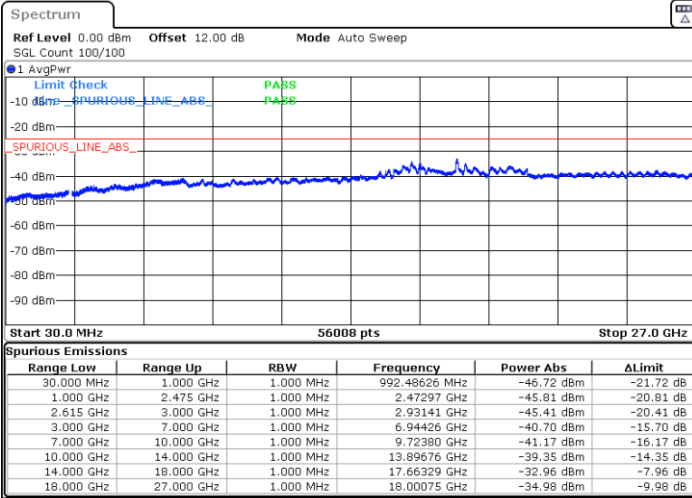


Date: 19.OCT.2022 01:37:38

Date: 19.OCT.2022 01:36:16

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 19.OCT.2022 01:46:17

Date: 19.OCT.2022 01:47:39

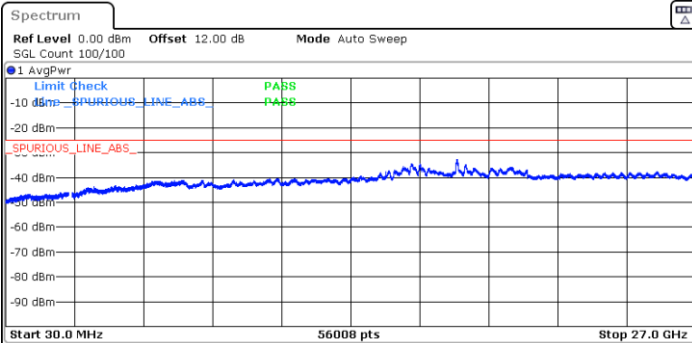


LTE Band 7C / 20MHz+10MHz

QPSK

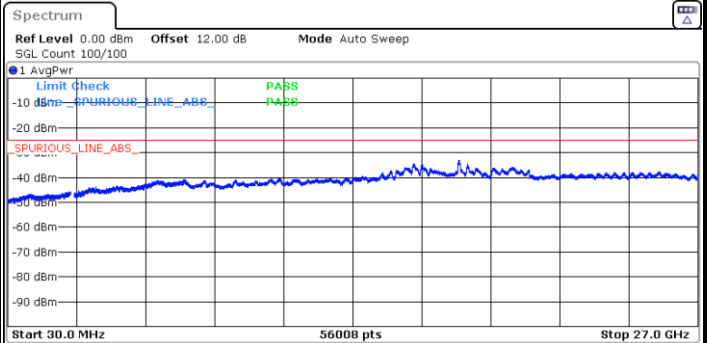
Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.32134 MHz	-46.75 dBm	-21.75 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46523 GHz	-45.96 dBm	-20.96 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96989 GHz	-45.53 dBm	-20.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-41.06 dBm	-16.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92893 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91076 GHz	-39.50 dBm	-14.50 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66579 GHz	-32.75 dBm	-7.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01275 GHz	-35.02 dBm	-10.02 dB

Date: 19.OCT.2022 01:19:01



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-46.70 dBm	-21.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-45.67 dBm	-20.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96373 GHz	-45.28 dBm	-20.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91126 GHz	-40.93 dBm	-15.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92693 GHz	-40.91 dBm	-15.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90226 GHz	-39.41 dBm	-14.41 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66729 GHz	-32.96 dBm	-7.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00125 GHz	-34.62 dBm	-9.62 dB

Date: 19.OCT.2022 01:17:38

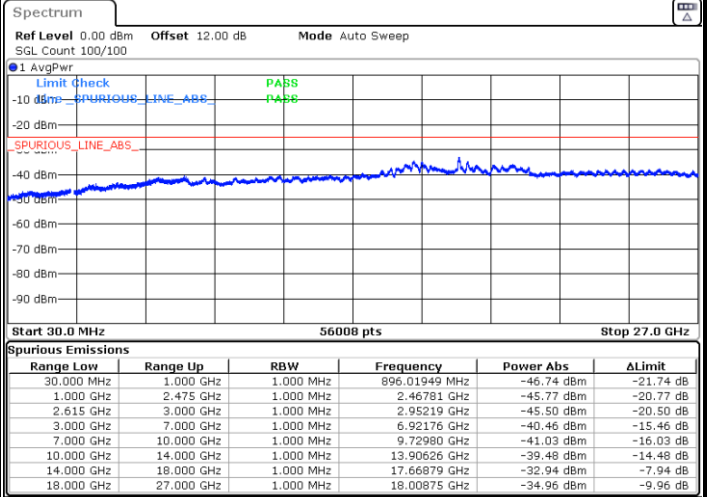
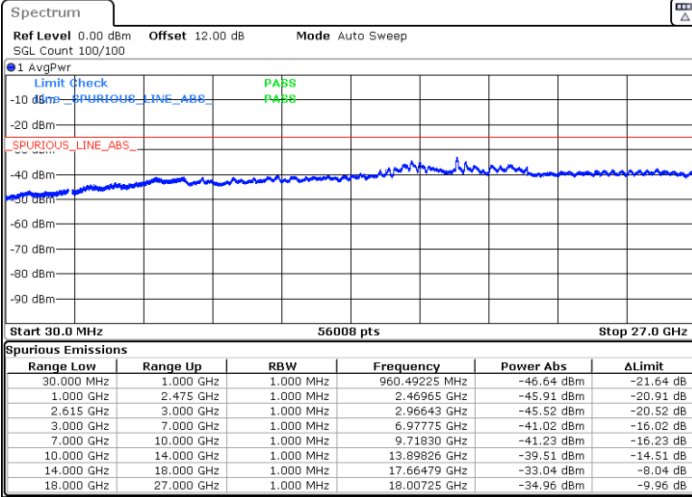


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

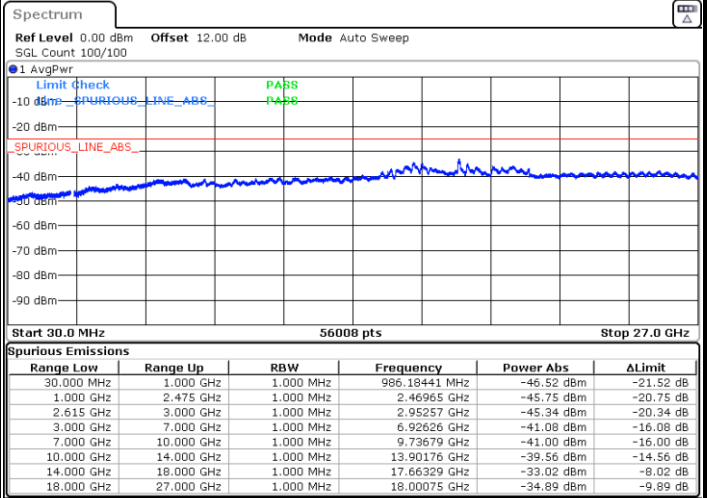
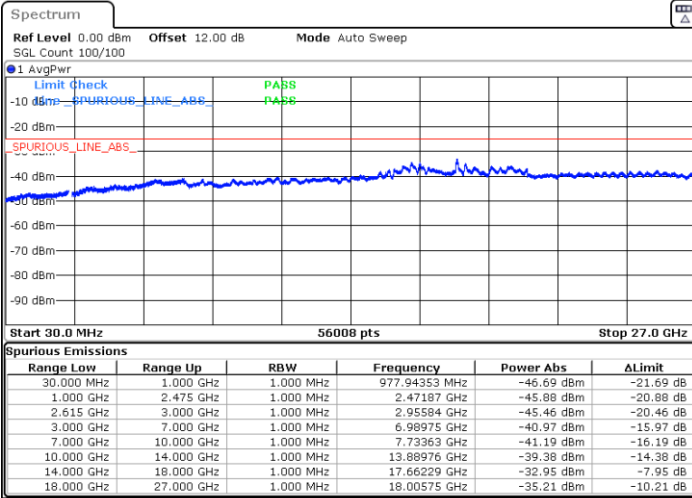


Date: 19.OCT.2022 04:04:28

Date: 19.OCT.2022 04:03:06

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 19.OCT.2022 04:13:08

Date: 19.OCT.2022 04:14:30

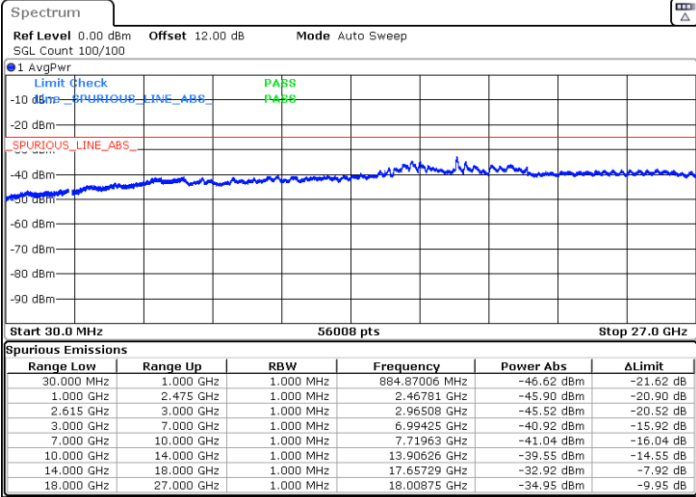


LTE Band 7C / 20MHz+15MHz

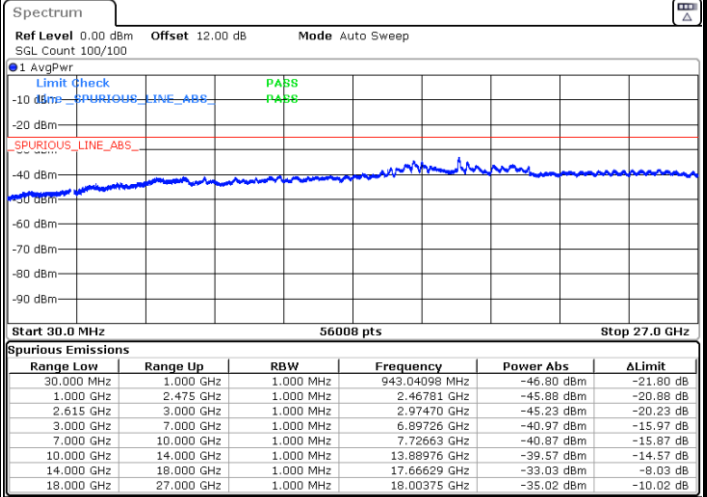
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 19.OCT.2022 03:45:10



Date: 19.OCT.2022 03:43:48



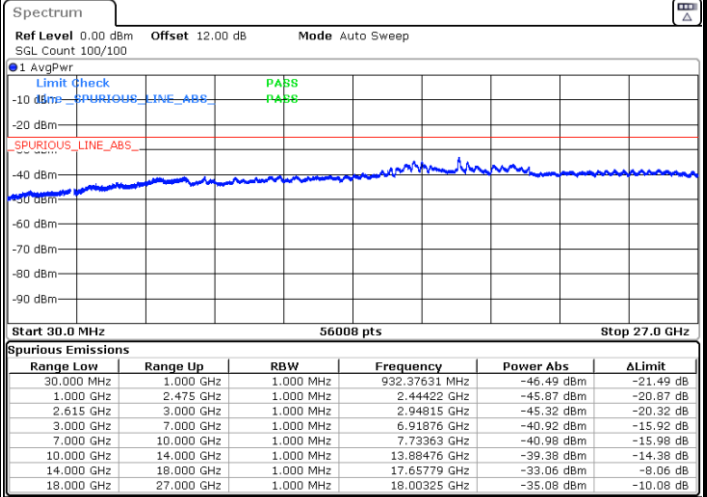
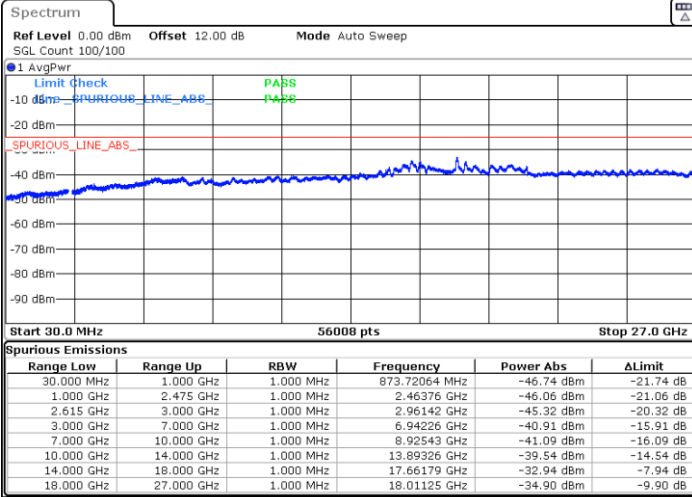


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

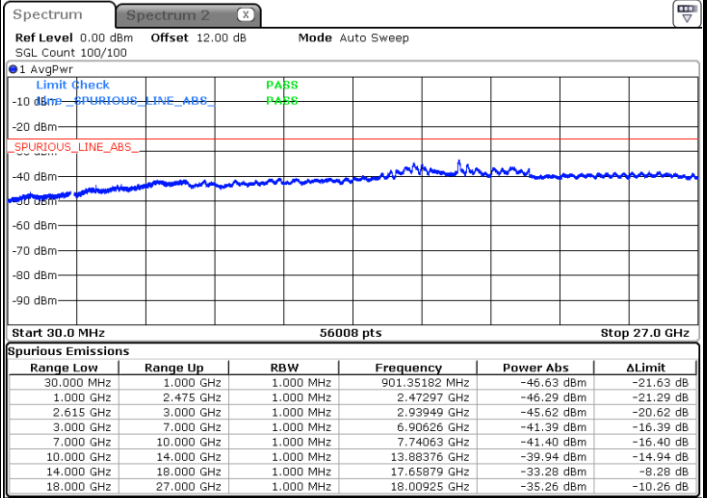
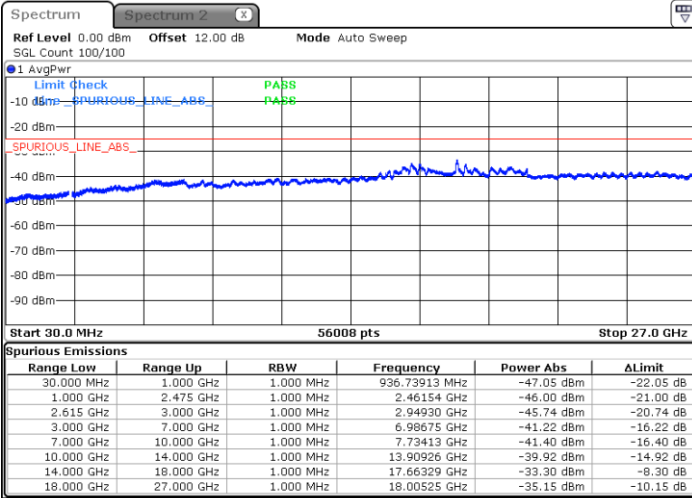


Date: 19.OCT.2022 04:51:27

Date: 19.OCT.2022 04:50:07

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 19.OCT.2022 21:14:45

Date: 19.OCT.2022 21:16:05

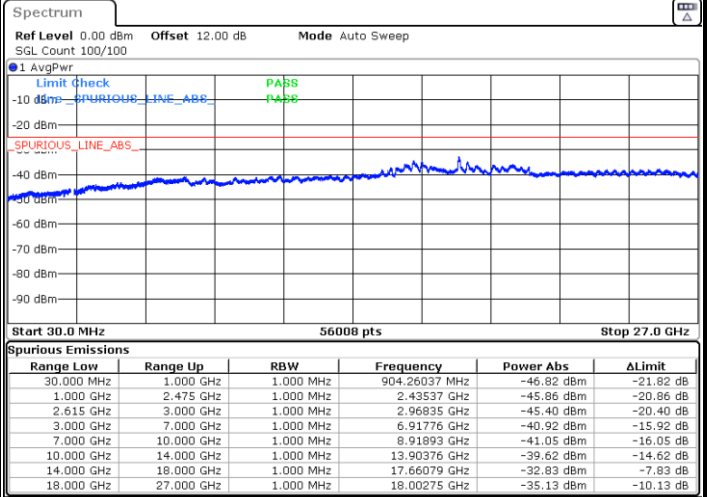
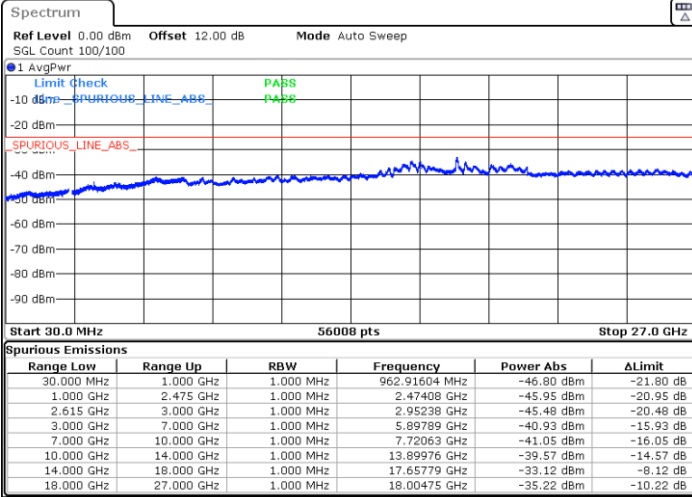


LTE Band 7C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 19.OCT.2022 04:32:56

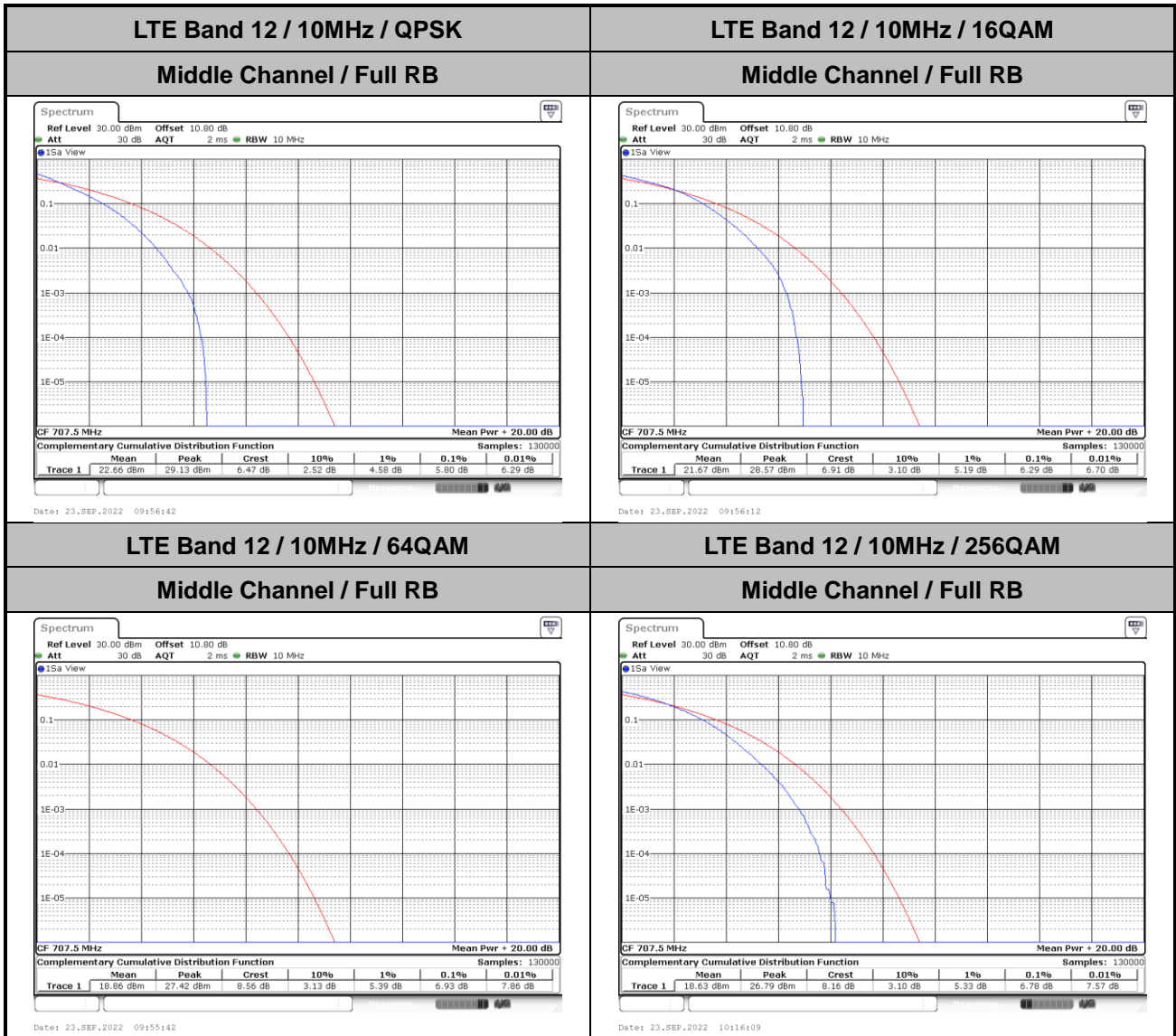
Date: 19.OCT.2022 04:31:36



## 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	5.80	6.29	6.93	6.78	<b>PASS</b>





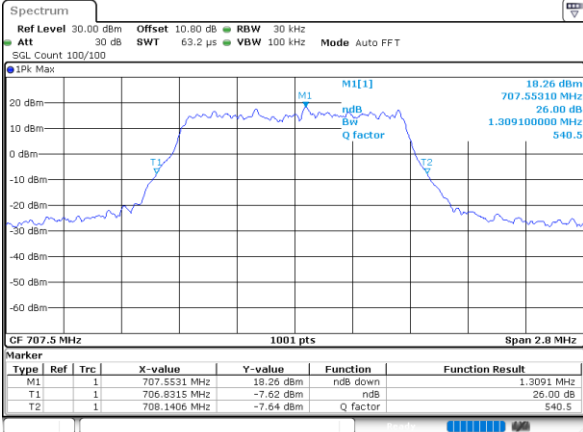
**26dB Bandwidth**

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	1.31	1.33	3.14	3.16	4.99	5.29	10.13	9.85	-	-	-	-
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	1.26	1.30	3.12	3.04	5.04	5.21	10.37	10.31	-	-	-	-



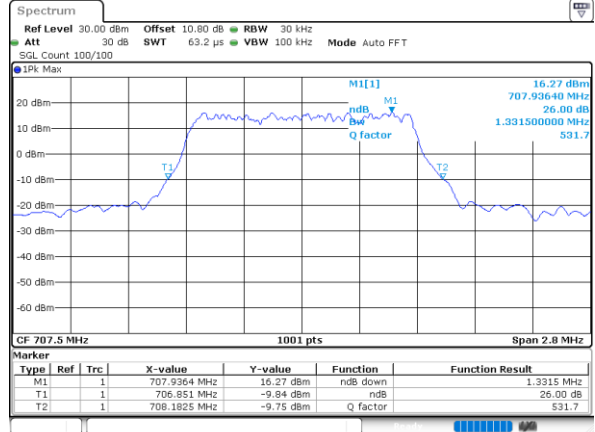
LTE Band 12

Middle Channel / 1.4MHz / QPSK



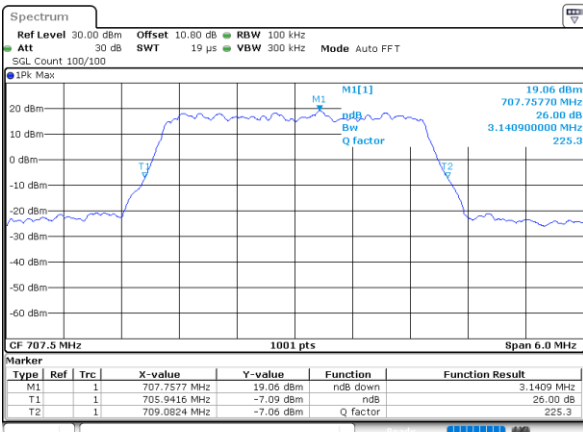
Date: 23\_SEP.2022 02:38:15

Middle Channel / 1.4MHz / 16QAM



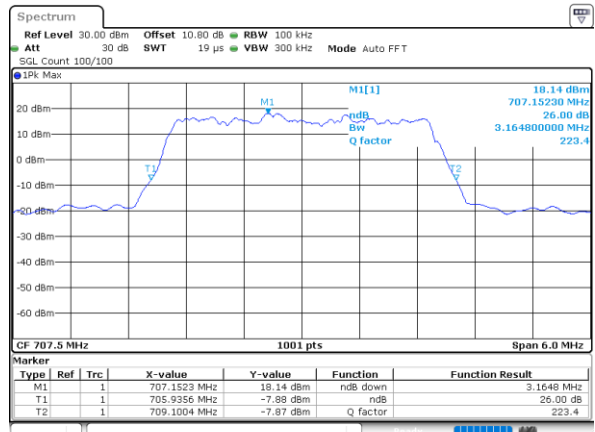
Date: 23\_SEP.2022 02:38:44

Middle Channel / 3MHz / QPSK



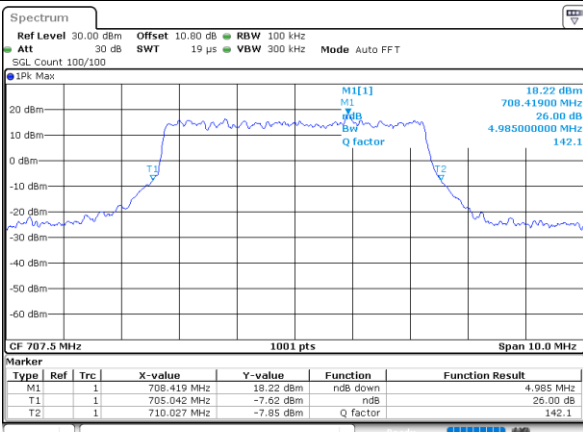
Date: 23\_SEP.2022 03:14:47

Middle Channel / 3MHz / 16QAM



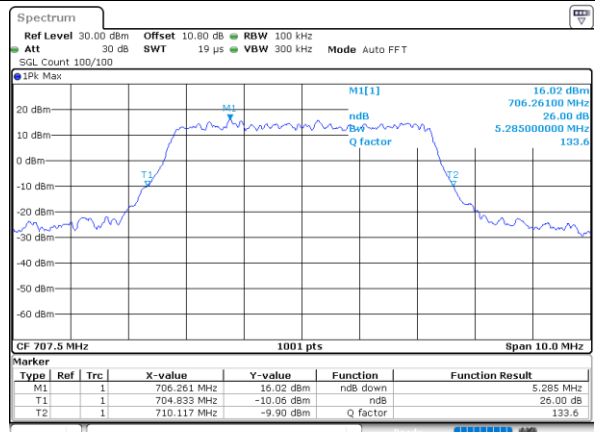
Date: 23\_SEP.2022 03:15:13

Middle Channel / 5MHz / QPSK



Date: 23\_SEP.2022 03:48:24

Middle Channel / 5MHz / 16QAM

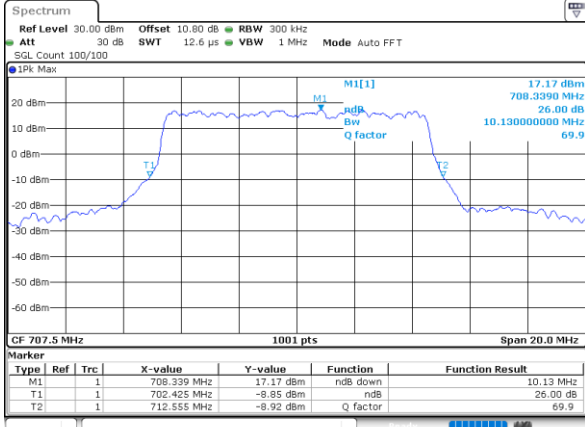


Date: 23\_SEP.2022 03:48:53



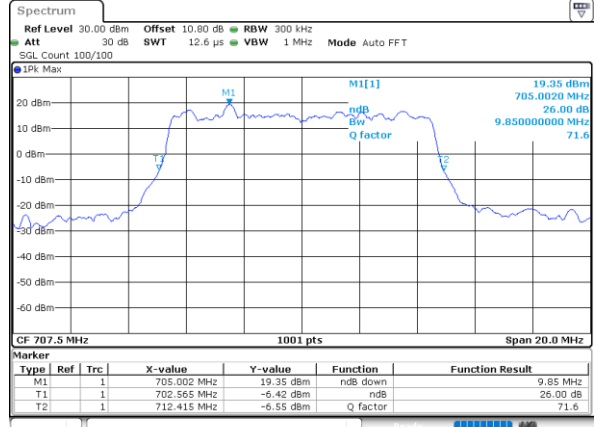
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 23\_SEP.2022 09:43:12

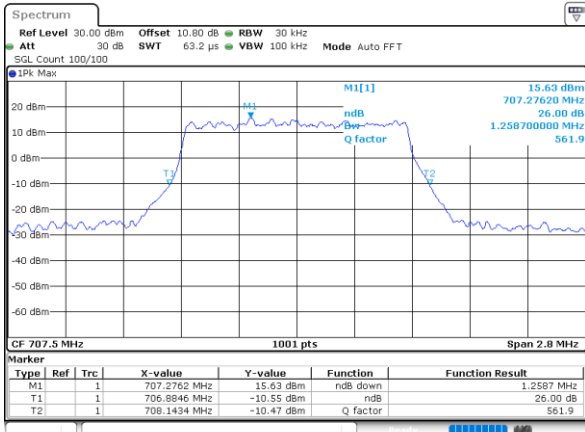
Middle Channel / 10MHz / 16QAM



Date: 23\_SEP.2022 09:43:41

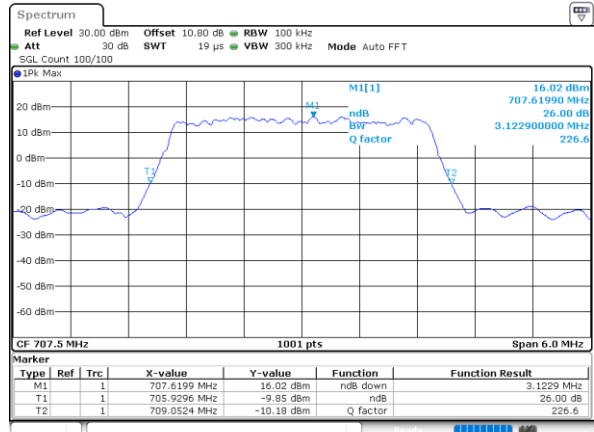
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



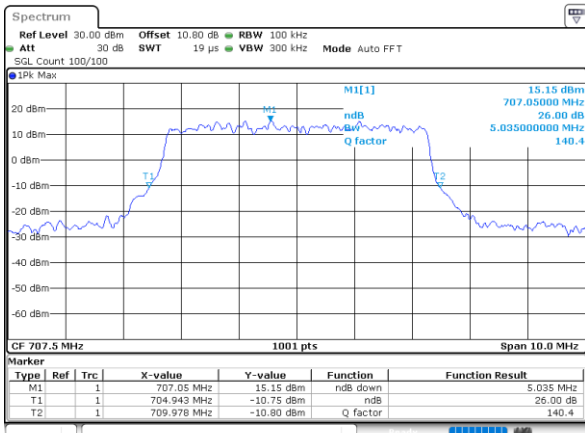
Date: 23\_SEP.2022 02:48:16

Middle Channel / 3MHz / 64QAM



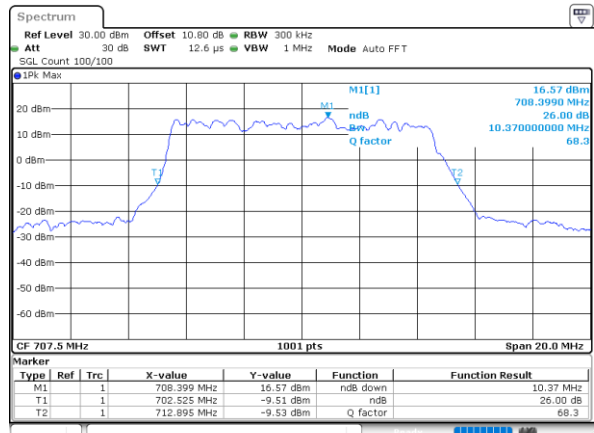
Date: 23\_SEP.2022 03:24:16

Middle Channel / 5MHz / 64QAM



Date: 23\_SEP.2022 03:40:07

Middle Channel / 10MHz / 64QAM

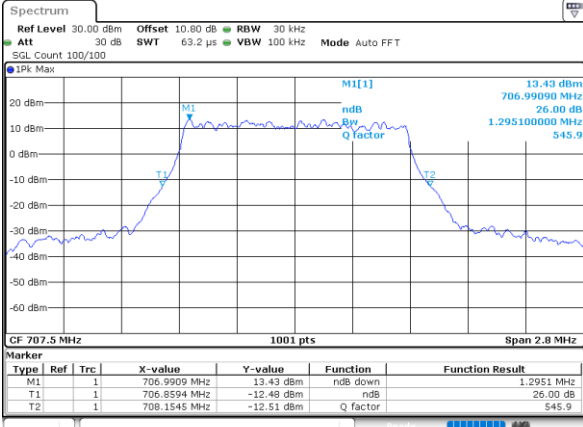


Date: 23\_SEP.2022 09:53:14



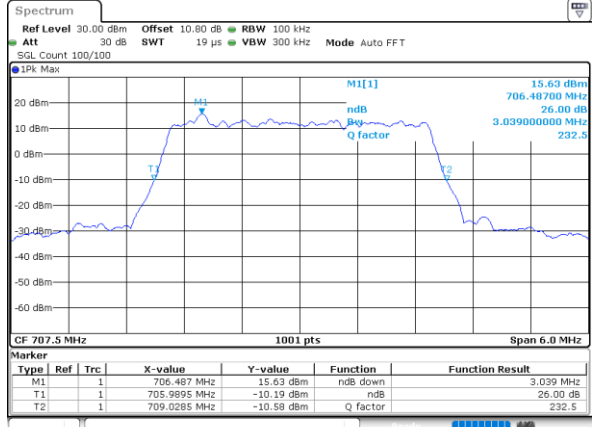
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



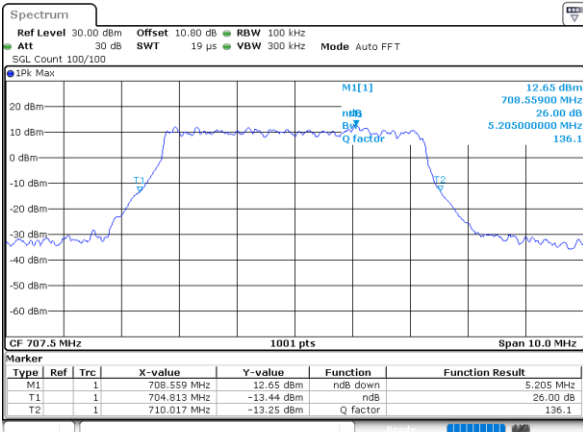
Date: 23\_SEP.2022 09:59:20

Middle Channel / 3MHz / 256QAM



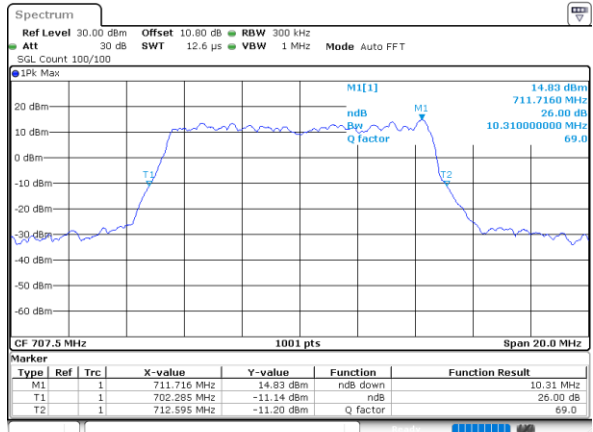
Date: 23\_SEP.2022 10:04:12

Middle Channel / 5MHz / 256QAM



Date: 23\_SEP.2022 10:08:55

Middle Channel / 10MHz / 256QAM



Date: 23\_SEP.2022 10:13:41





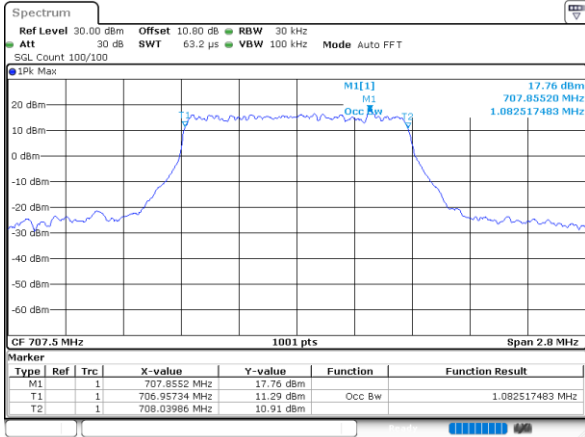
**Occupied Bandwidth**

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	1.08	1.10	2.72	2.76	4.50	4.53	9.01	9.05	-	-	-	-
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	2.70	2.75	4.51	4.52	9.07	9.07	-	-	-	-

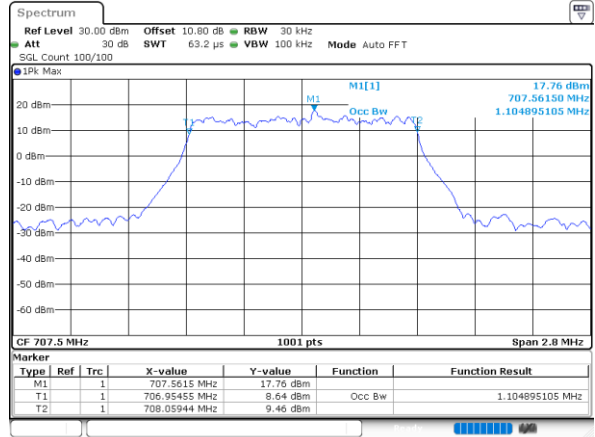


LTE Band 12

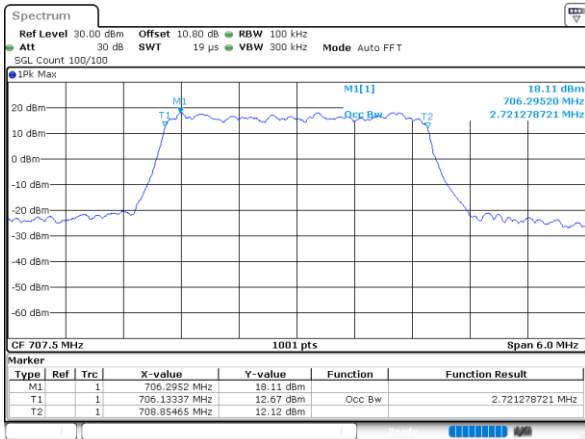
Middle Channel / 1.4MHz / QPSK



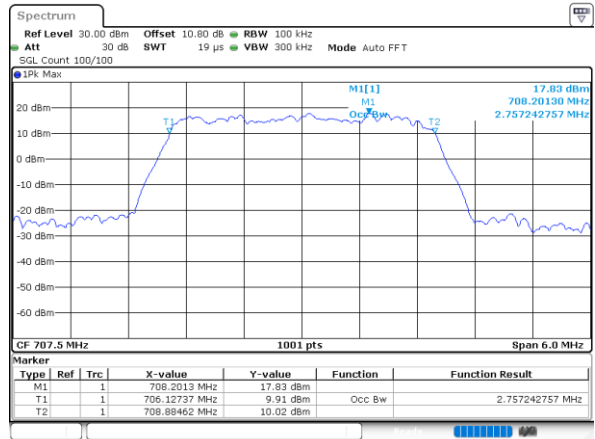
Middle Channel / 1.4MHz / 16QAM



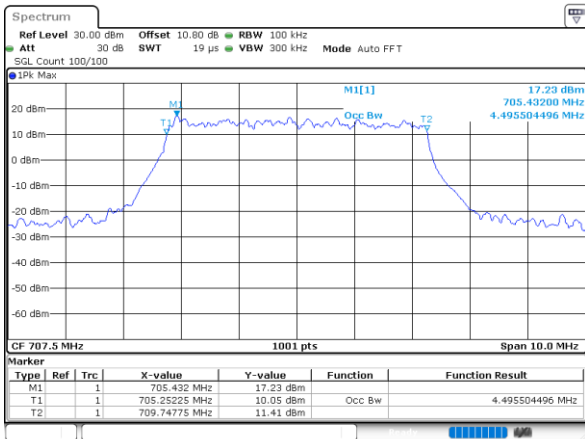
Middle Channel / 3MHz / QPSK



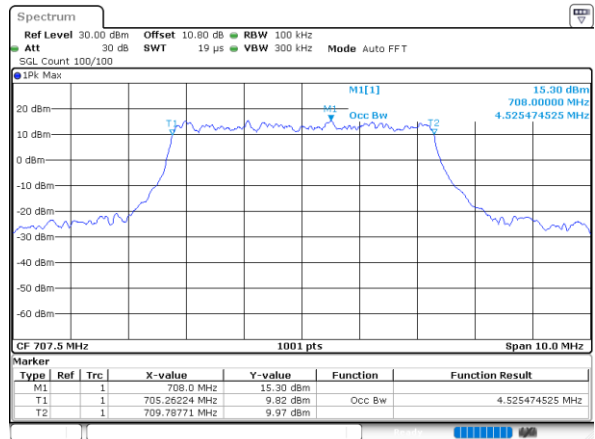
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



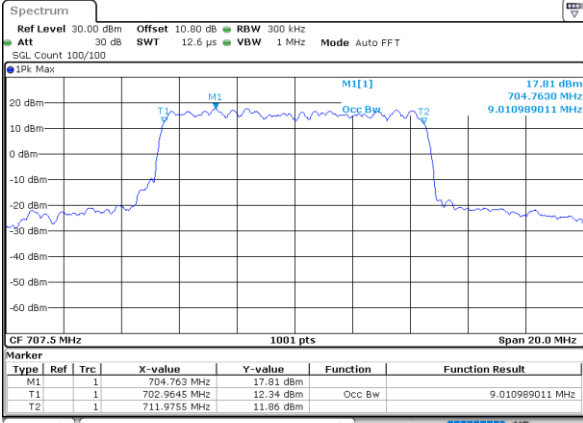
Middle Channel / 5MHz / 16QAM





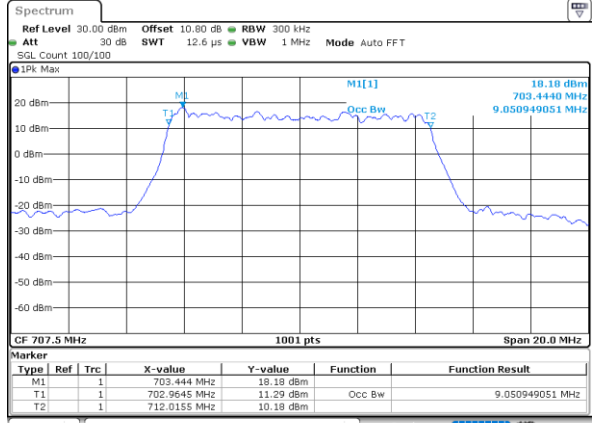
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 23\_SEP.2022 09:42:50

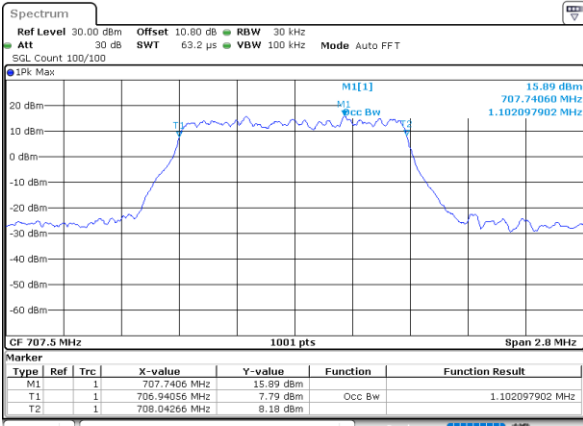
Middle Channel / 10MHz / 16QAM



Date: 23\_SEP.2022 09:42:29

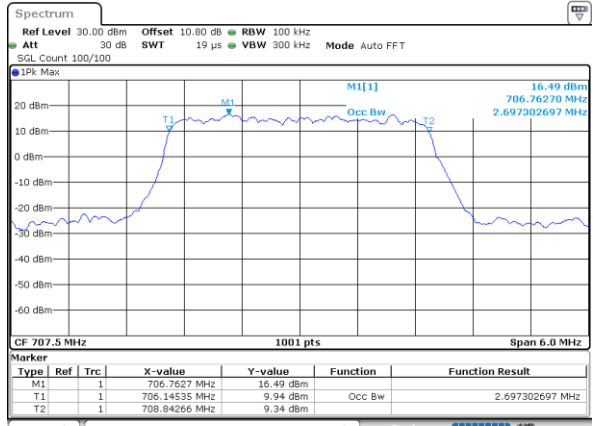
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



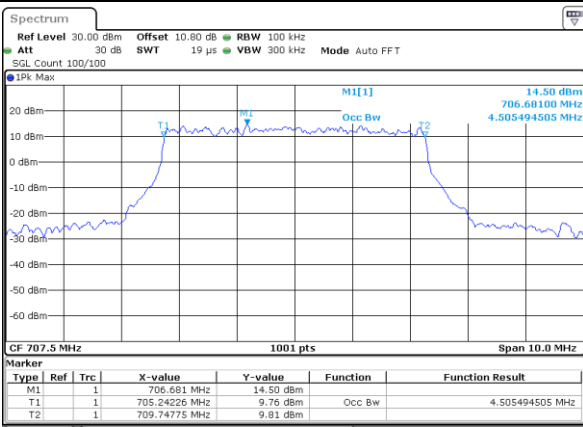
Date: 23\_SEP.2022 02:48:02

Middle Channel / 3MHz / 64QAM



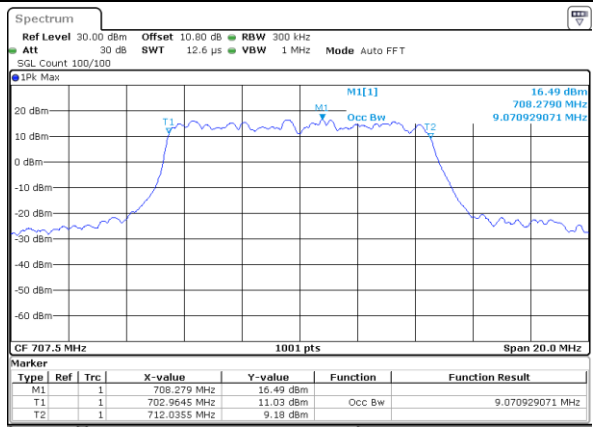
Date: 23\_SEP.2022 09:16:11

Middle Channel / 5MHz / 64QAM



Date: 23\_SEP.2022 03:39:53

Middle Channel / 10MHz / 64QAM

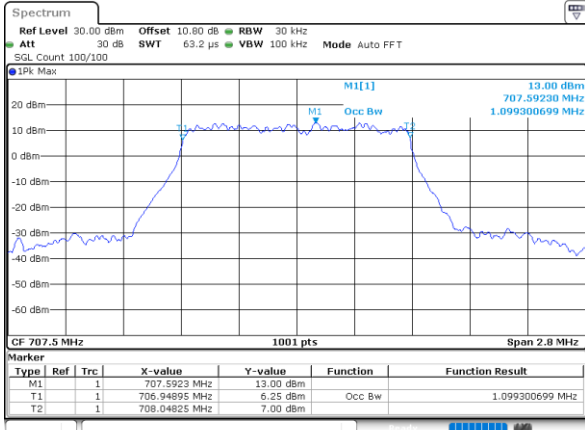


Date: 23\_SEP.2022 09:53:00

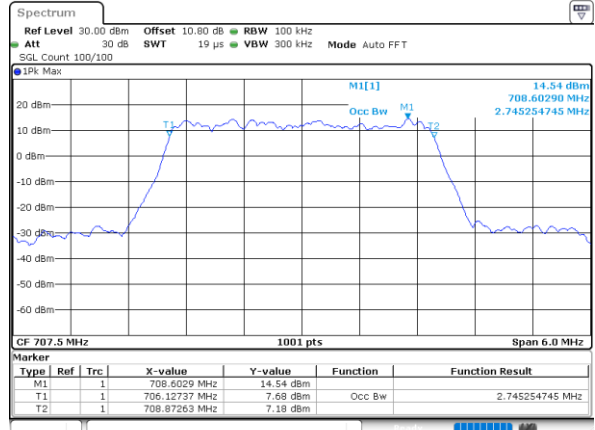


LTE Band 12

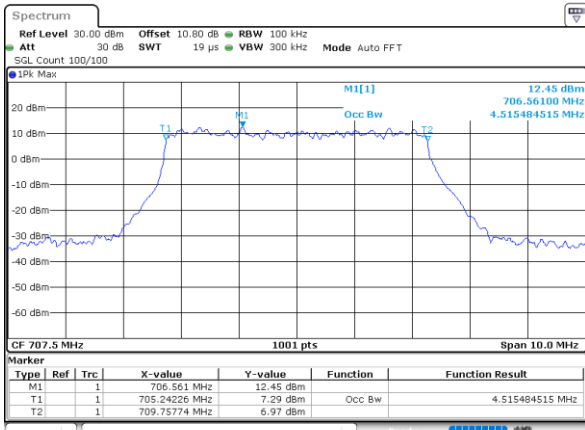
Middle Channel / 1.4MHz / 256QAM



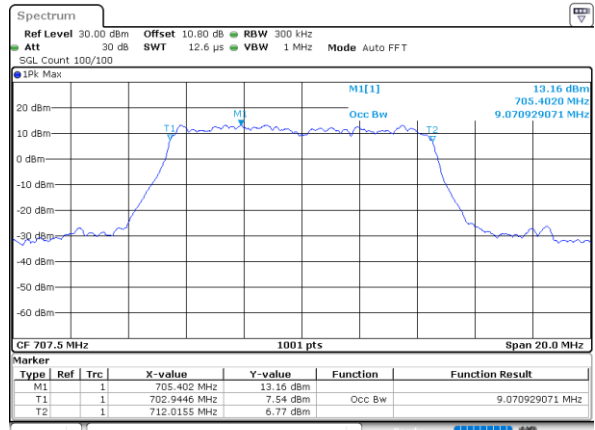
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM

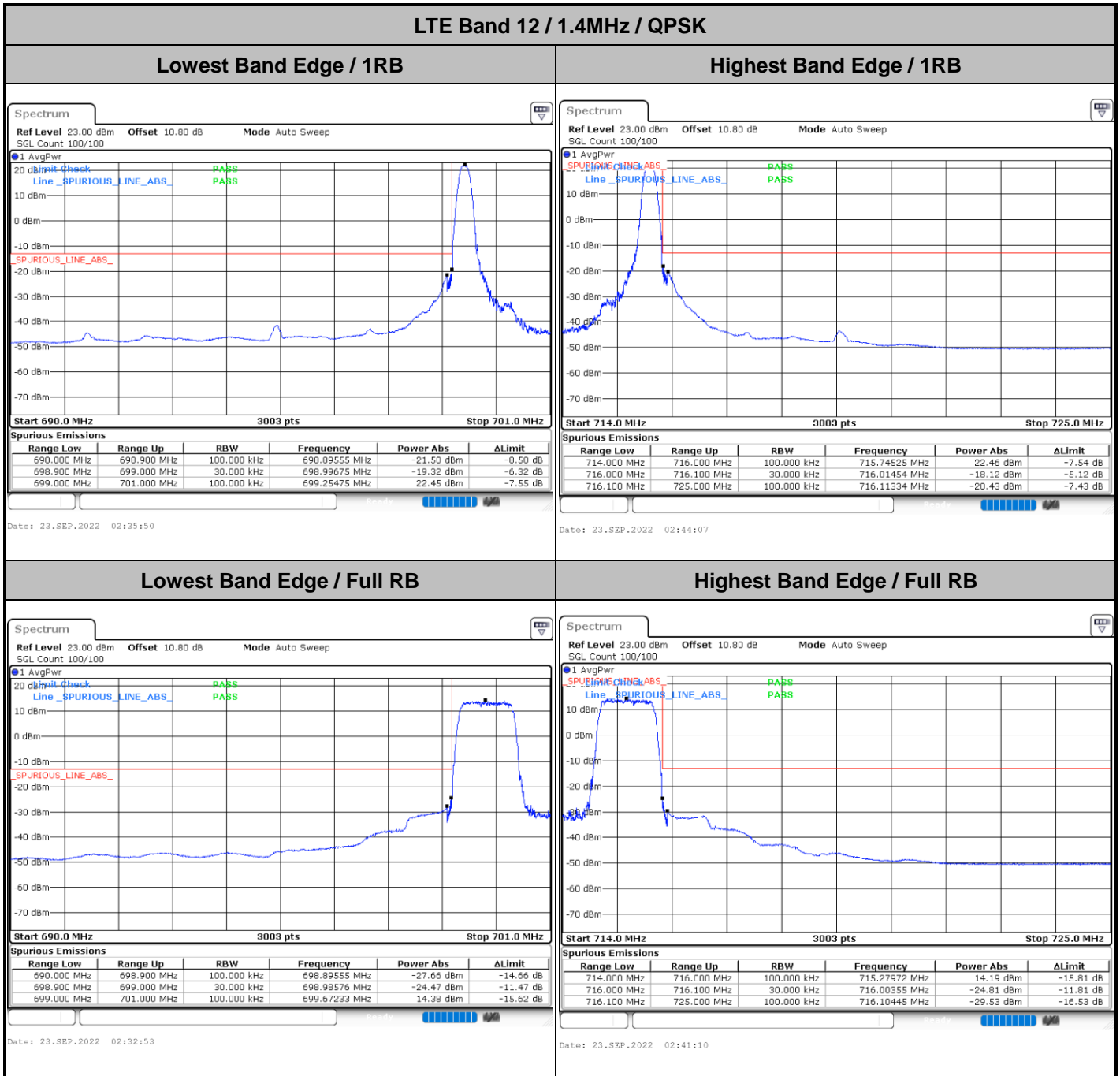


Middle Channel / 10MHz / 256QAM





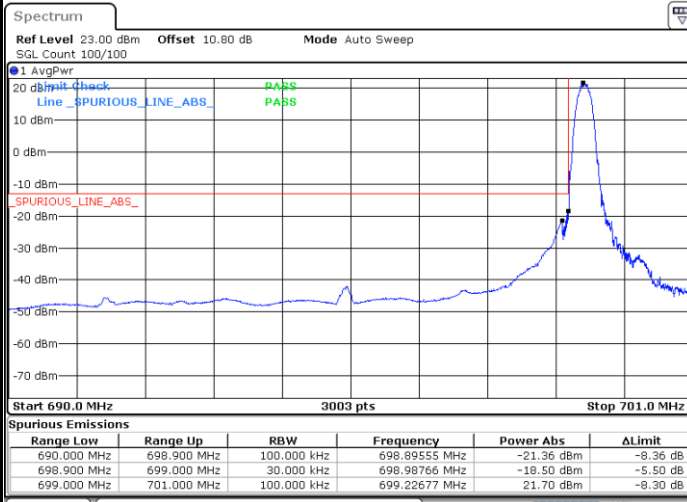
# Conducted Band Edge





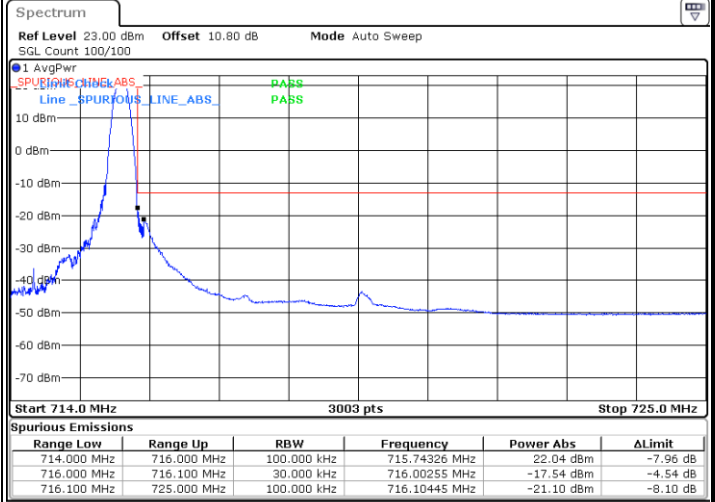
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



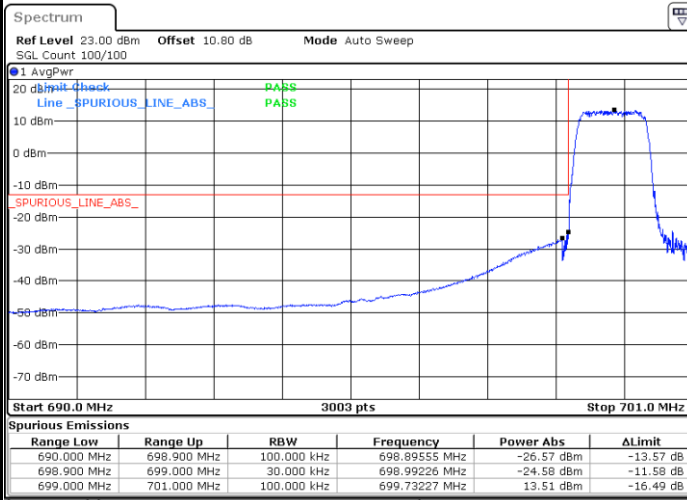
Date: 23.SEP.2022 02:34:51

Highest Band Edge / 1 RB



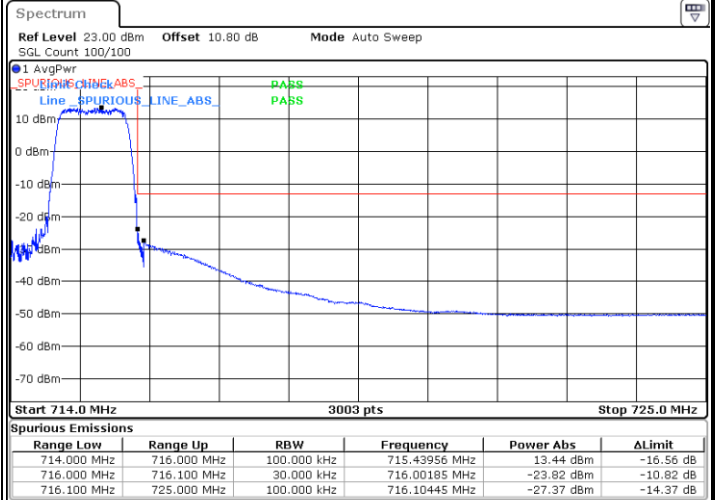
Date: 23.SEP.2022 02:43:08

Lowest Band Edge / Full RB



Date: 23.SEP.2022 02:33:52

Highest Band Edge / Full RB

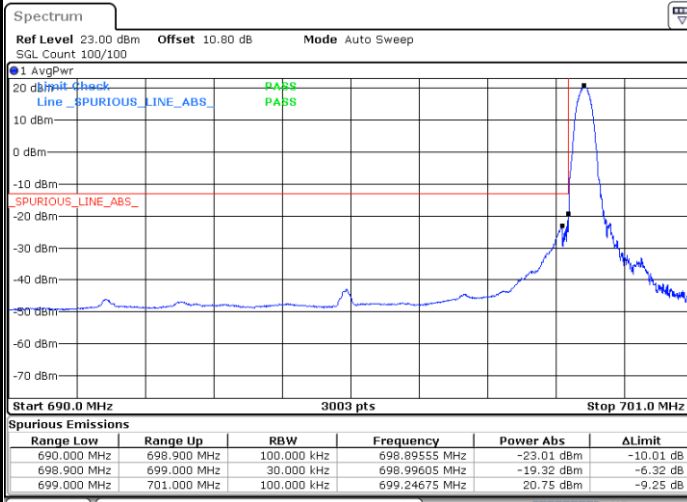


Date: 23.SEP.2022 02:42:09



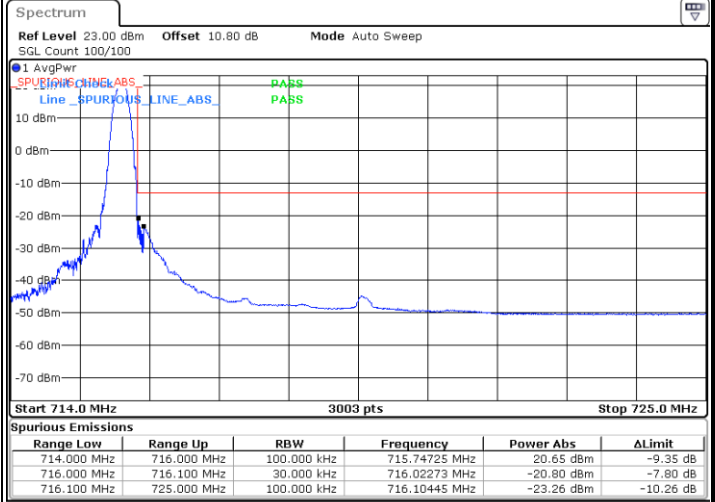
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



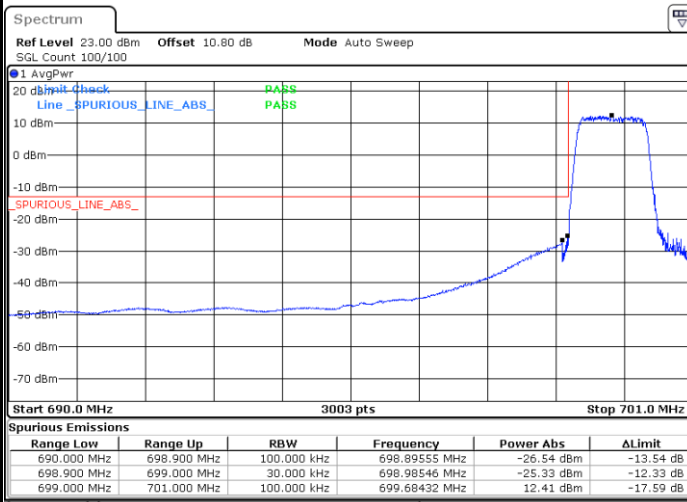
Date: 23.SEP.2022 02:47:33

Highest Band Edge / 1 RB



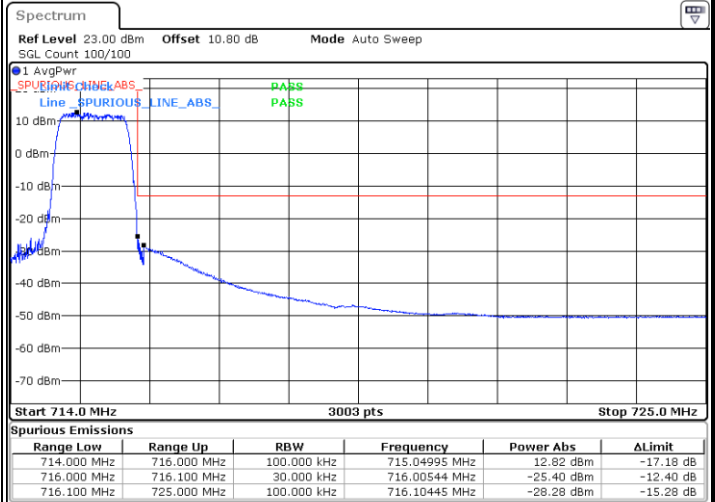
Date: 23.SEP.2022 02:50:13

Lowest Band Edge / Full RB



Date: 23.SEP.2022 02:46:34

Highest Band Edge / Full RB

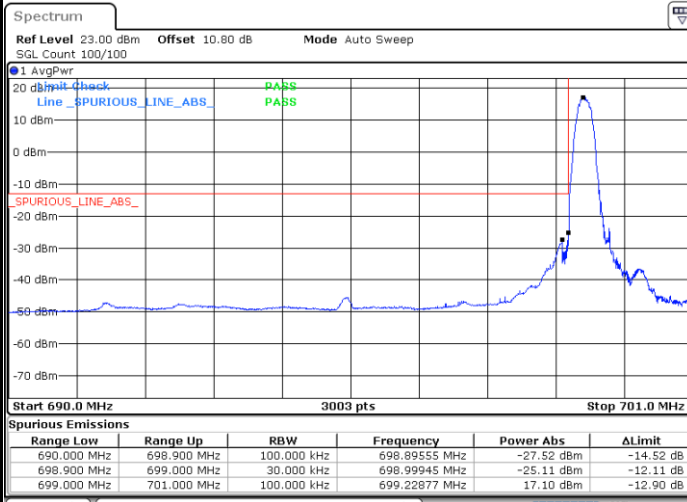


Date: 23.SEP.2022 02:49:15



LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



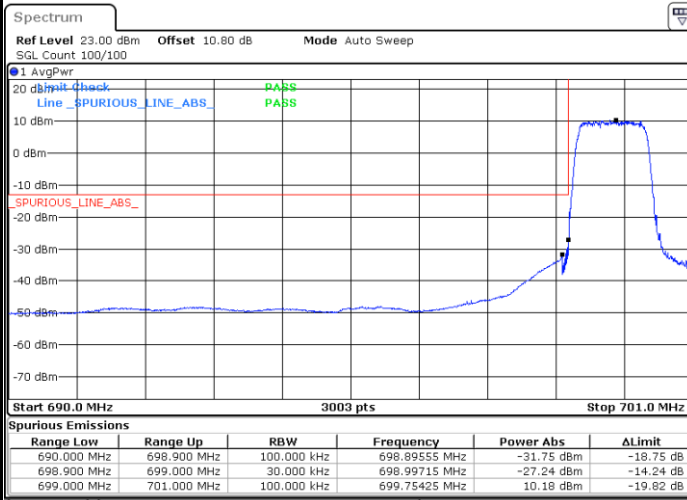
Date: 23.SEP.2022 09:58:45

Highest Band Edge / 1 RB



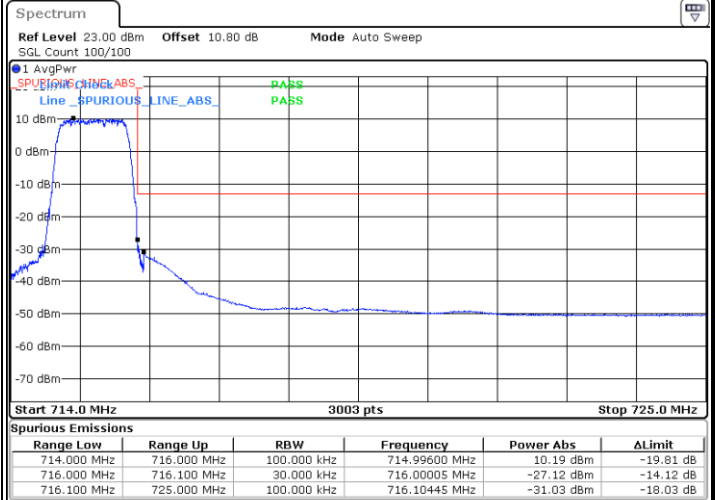
Date: 23.SEP.2022 10:01:25

Lowest Band Edge / Full RB



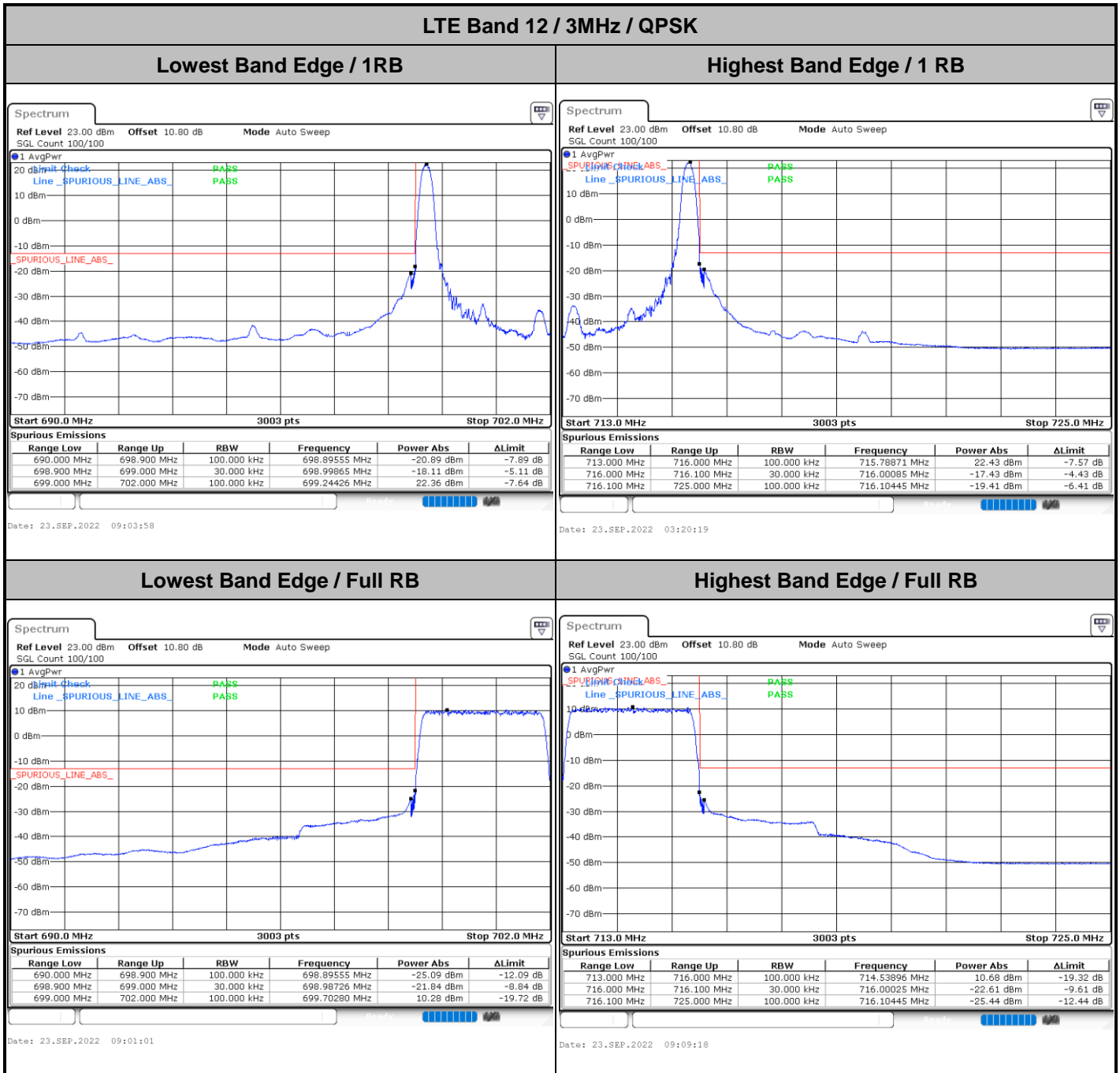
Date: 23.SEP.2022 09:57:46

Highest Band Edge / Full RB



Date: 23.SEP.2022 10:00:26

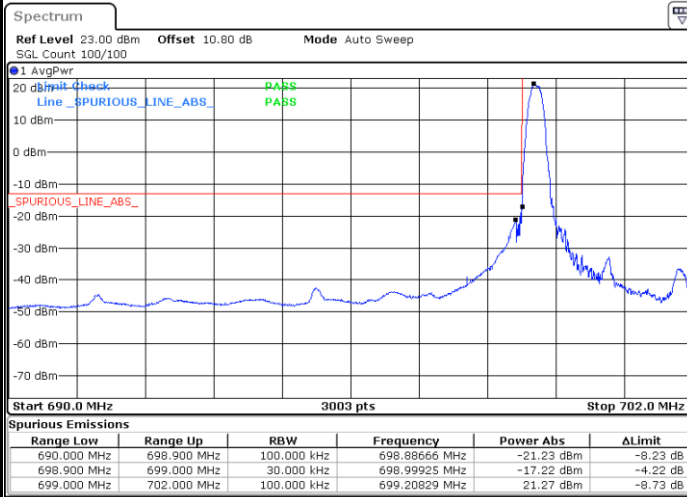






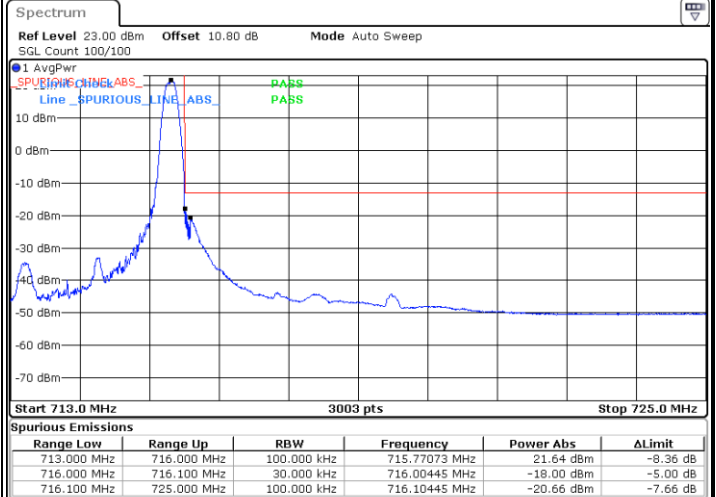
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



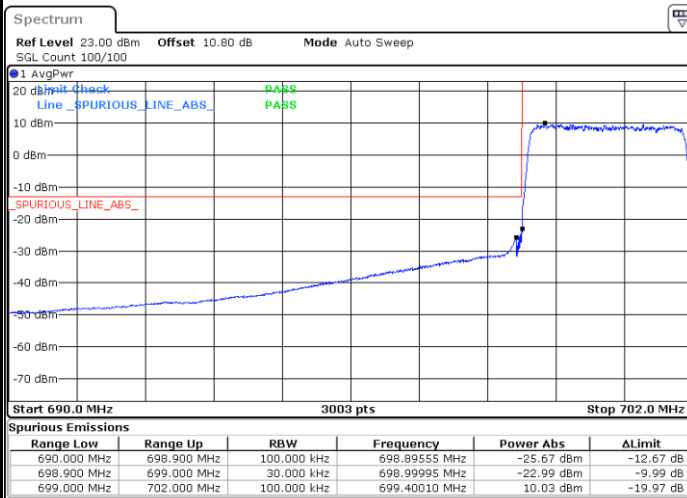
Date: 23.SEP.2022 09:02:59

Highest Band Edge / 1 RB



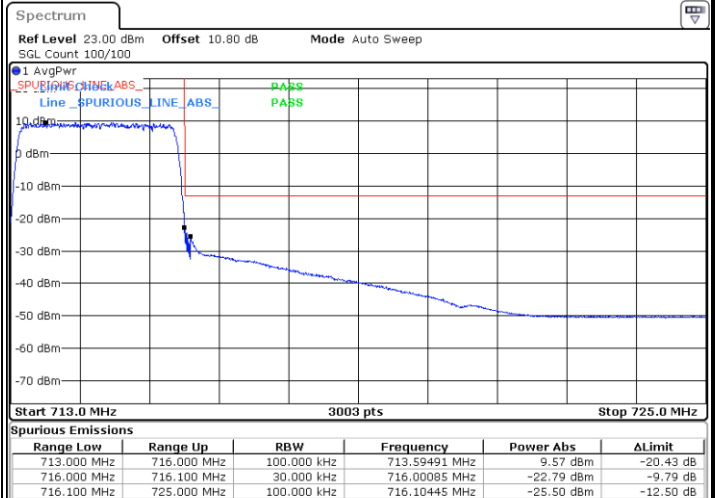
Date: 23.SEP.2022 03:19:24

Lowest Band Edge / Full RB



Date: 23.SEP.2022 03:10:37

Highest Band Edge / Full RB

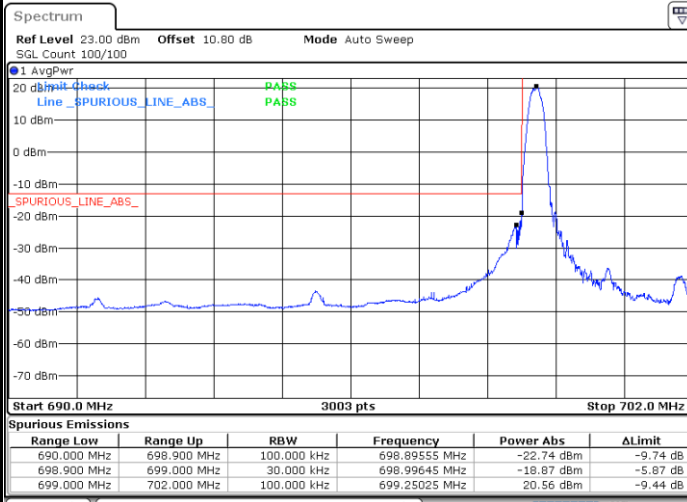


Date: 23.SEP.2022 03:18:28



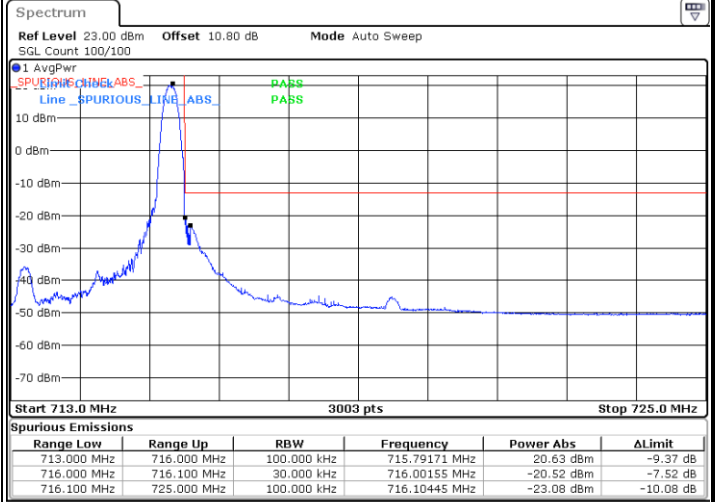
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



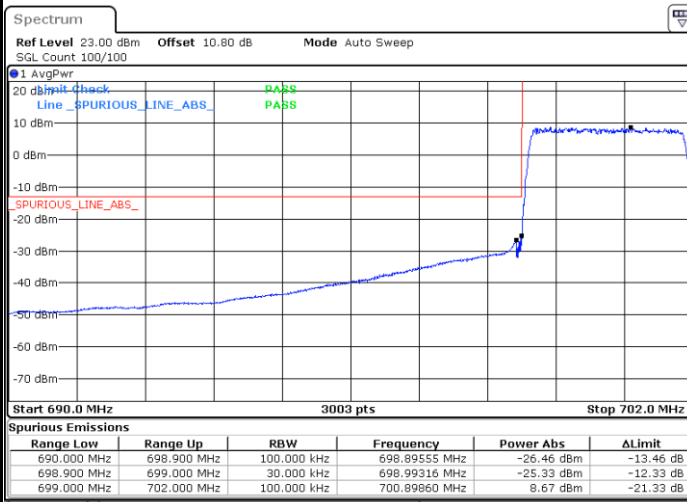
Date: 23.SEP.2022 09:15:41

Highest Band Edge / 1 RB



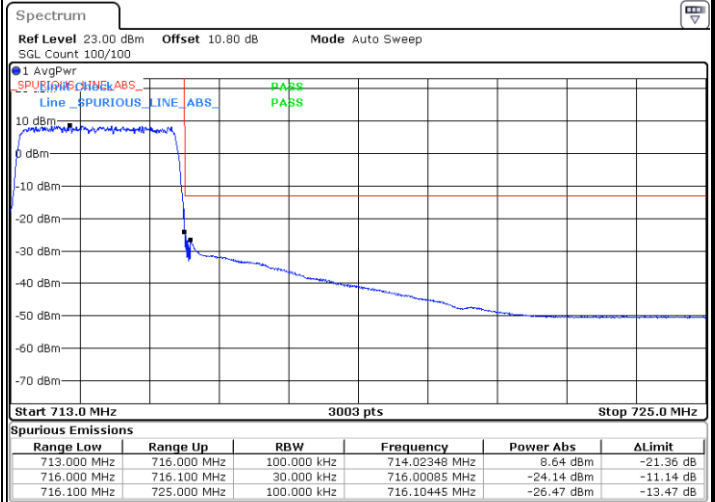
Date: 23.SEP.2022 09:18:22

Lowest Band Edge / Full RB



Date: 23.SEP.2022 03:22:40

Highest Band Edge / Full RB

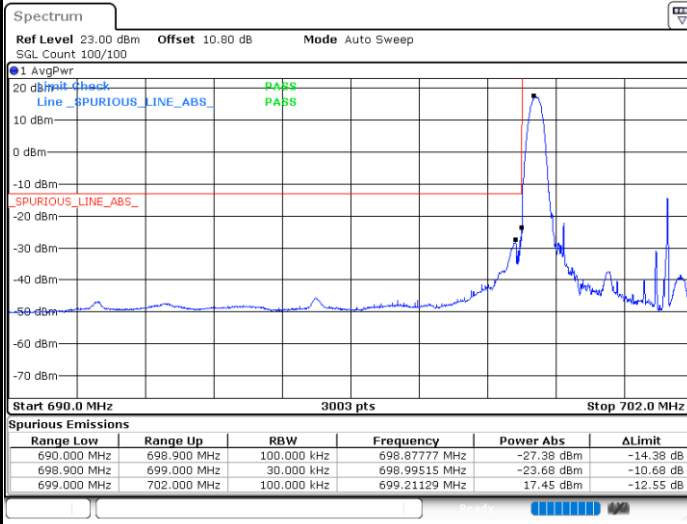


Date: 23.SEP.2022 09:17:23

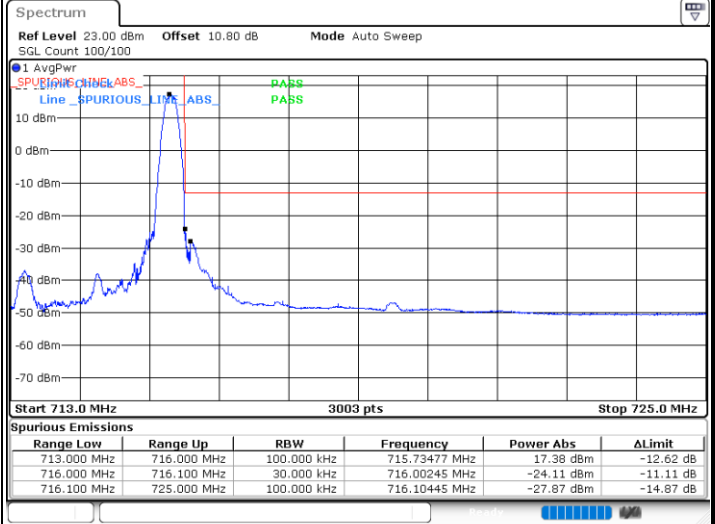


LTE Band 12 / 3MHz / 256QAM

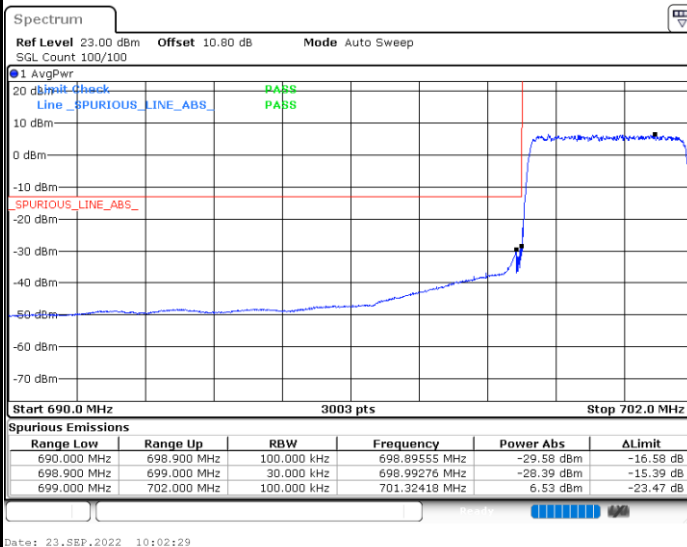
Lowest Band Edge / 1 RB



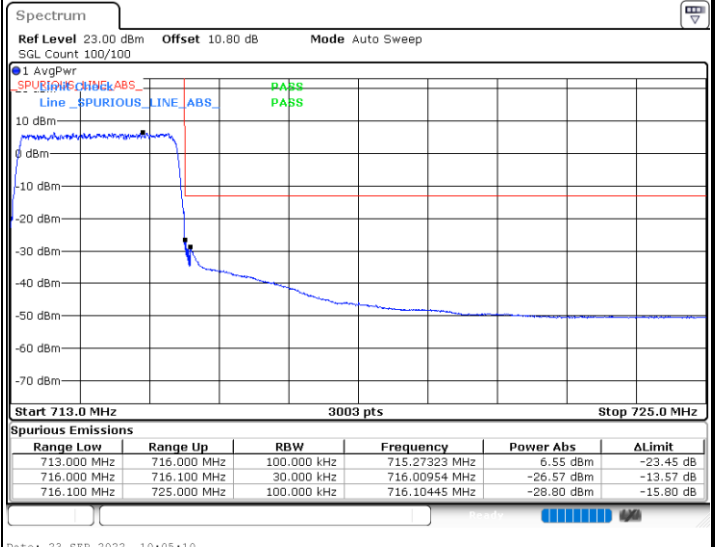
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



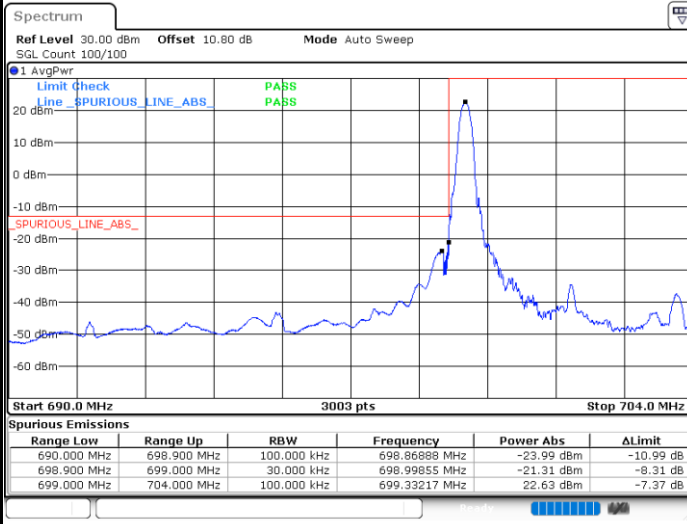
Highest Band Edge / Full RB



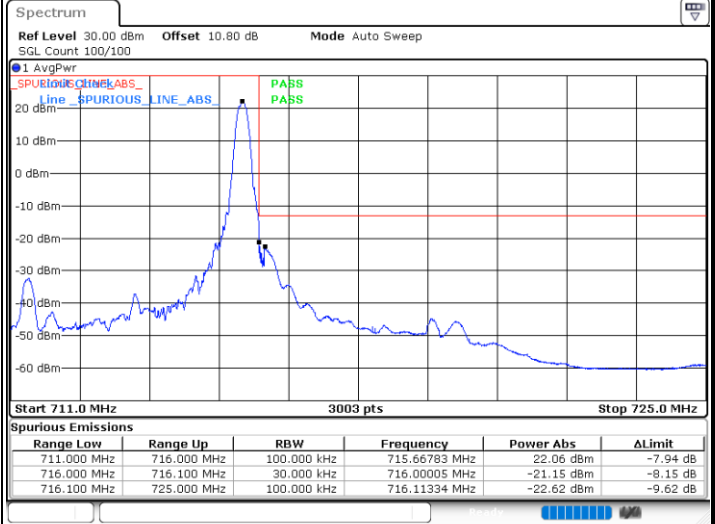


LTE Band 12 / 5MHz / QPSK

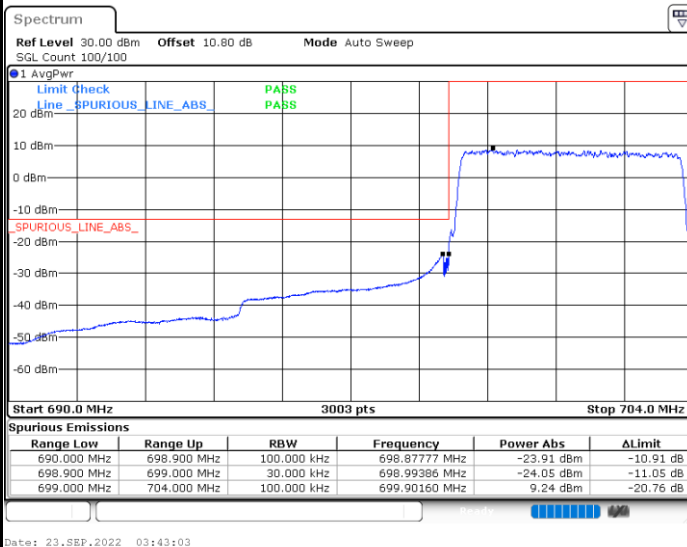
Lowest Band Edge / 1 RB



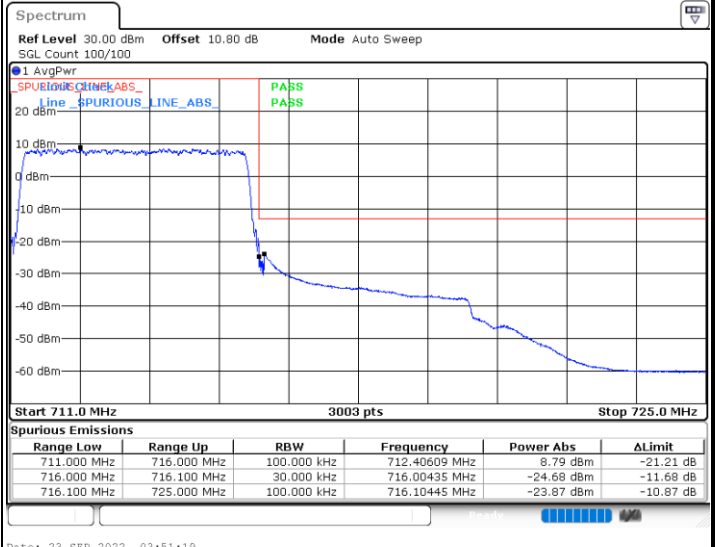
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



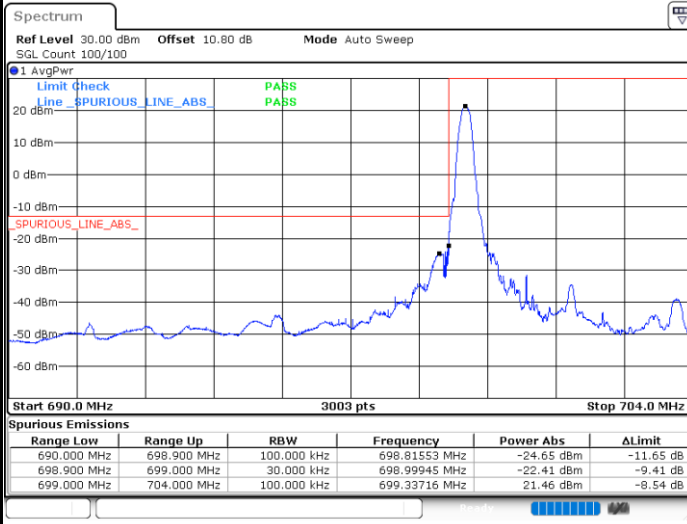
Highest Band Edge / Full RB





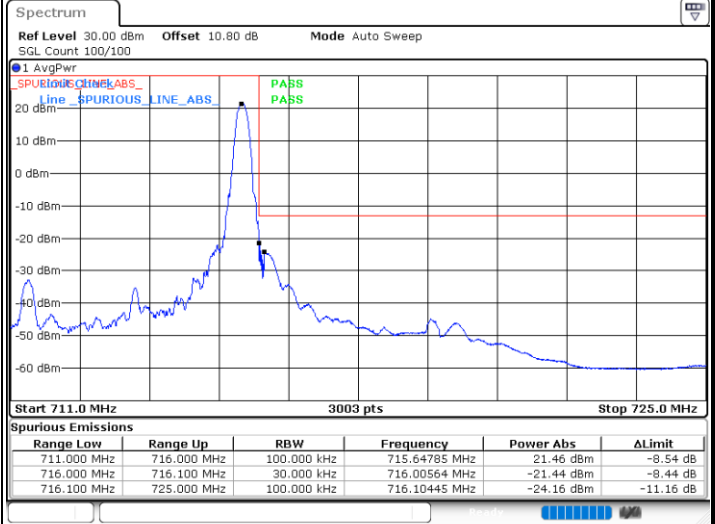
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



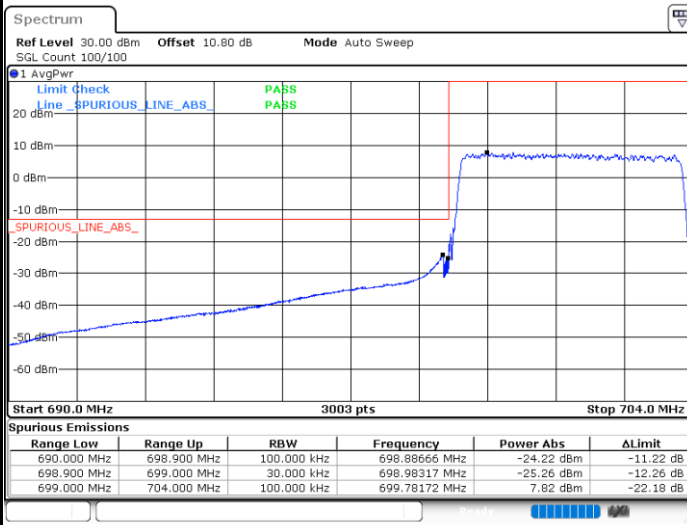
Date: 23.SEP.2022 09:26:02

Highest Band Edge / 1 RB



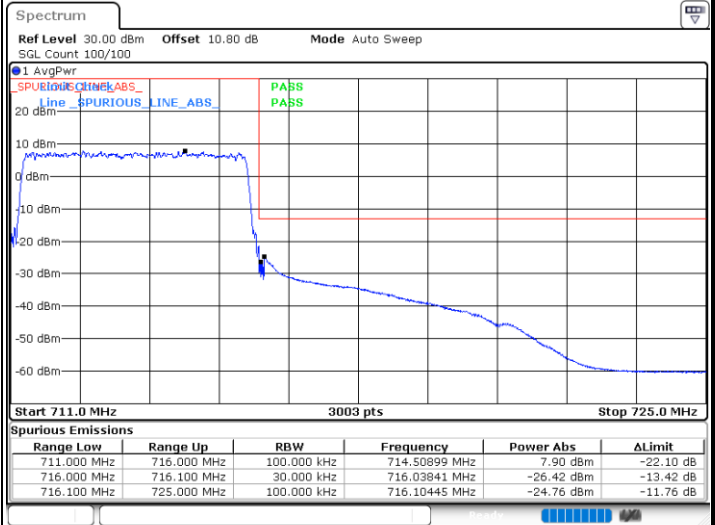
Date: 23.SEP.2022 03:54:16

Lowest Band Edge / Full RB



Date: 23.SEP.2022 03:44:01

Highest Band Edge / Full RB



Date: 23.SEP.2022 03:52:18