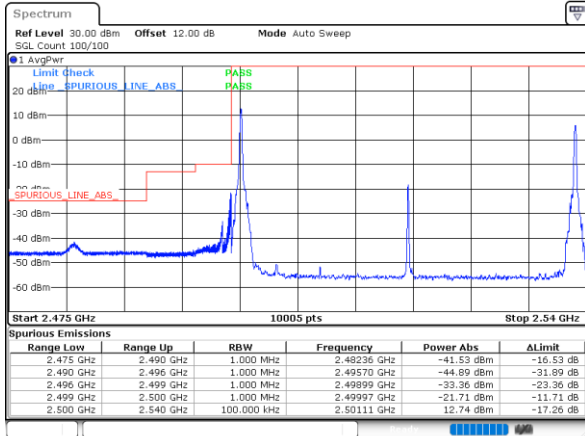




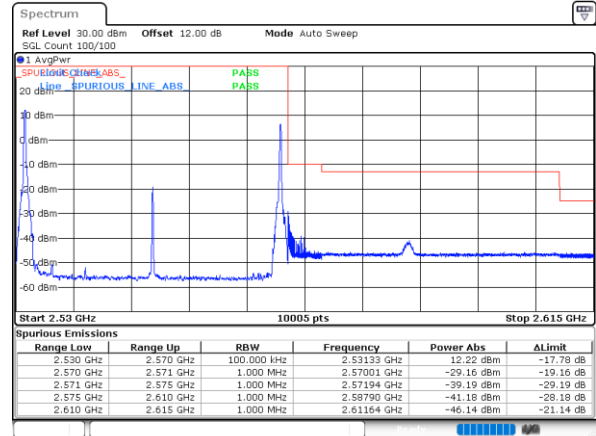
LTE Band 7C / 20MHz+20MHz

64QAM

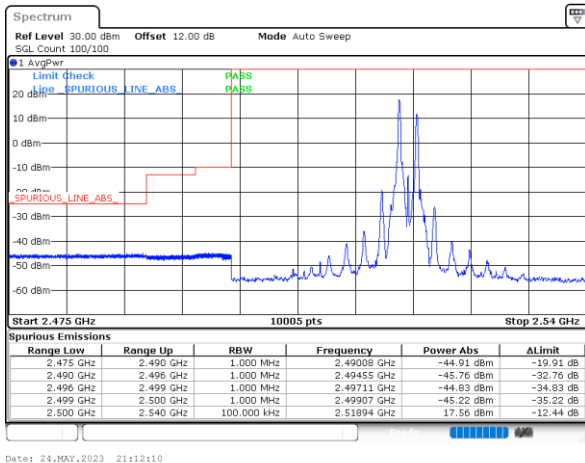
Lowest Band Edge / 1RB0 and 1RB99



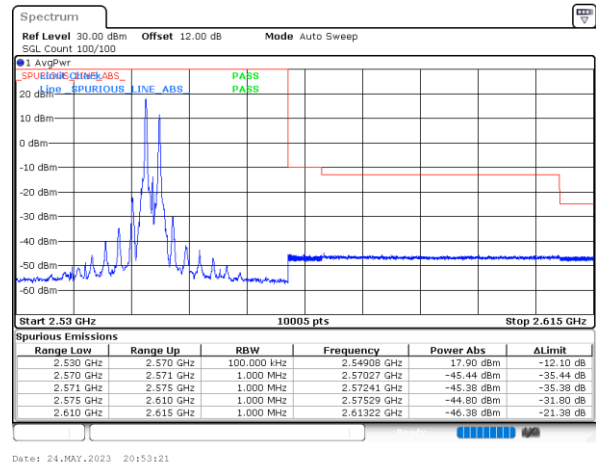
Highest Band Edge / 1RB0 and 1RB99



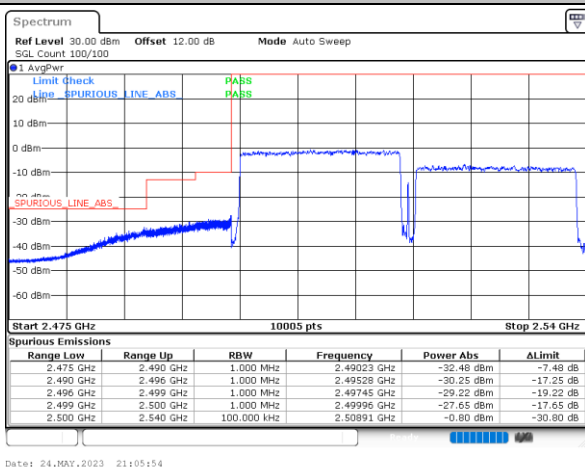
Lowest Band Edge / 1RB99 and 1RB0



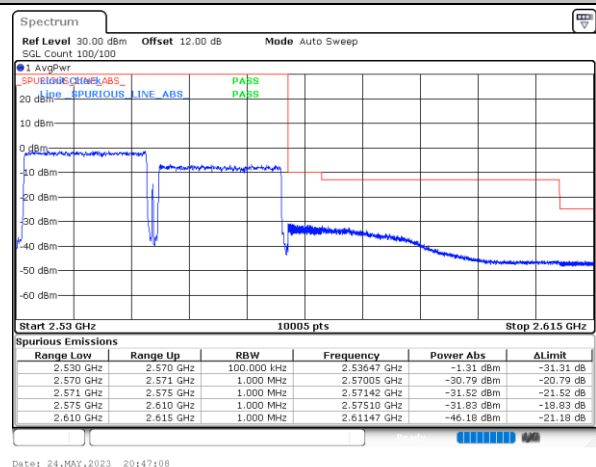
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





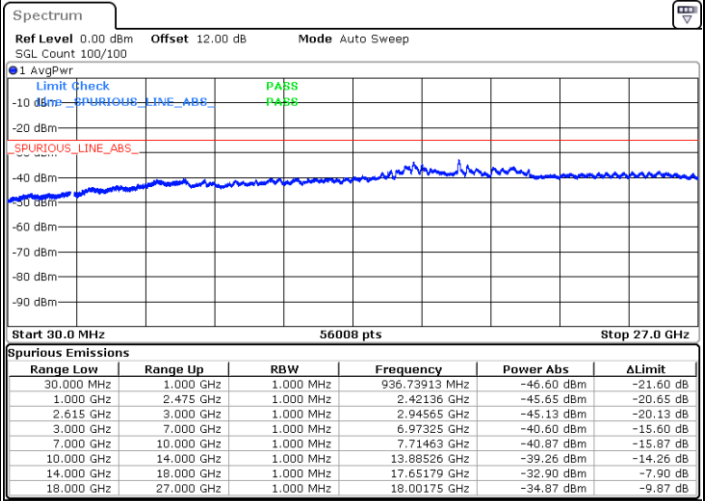
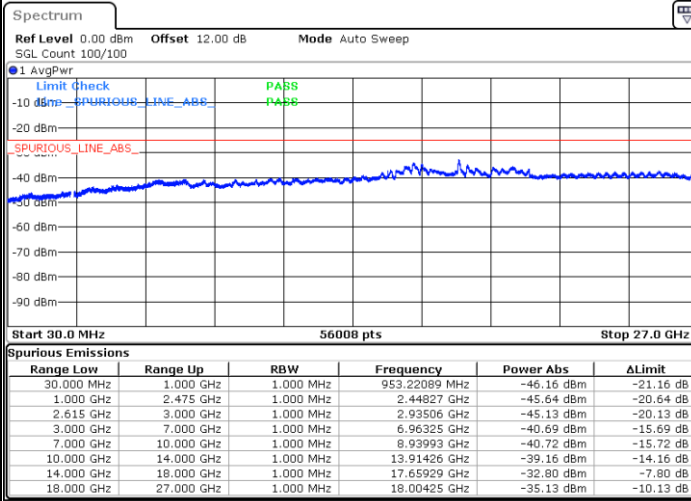
Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

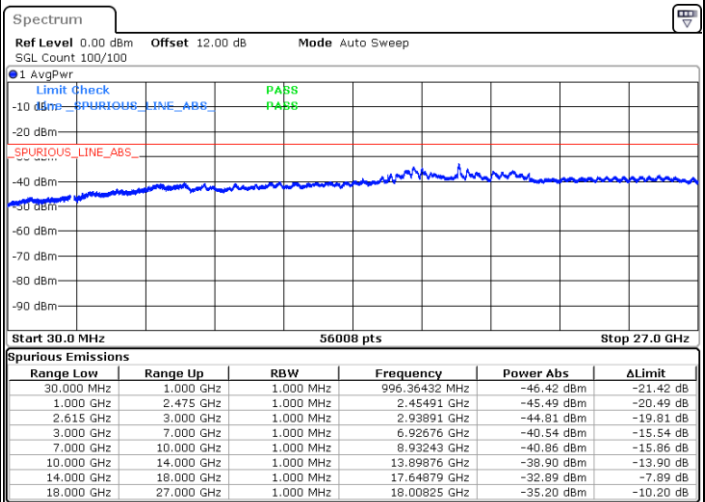
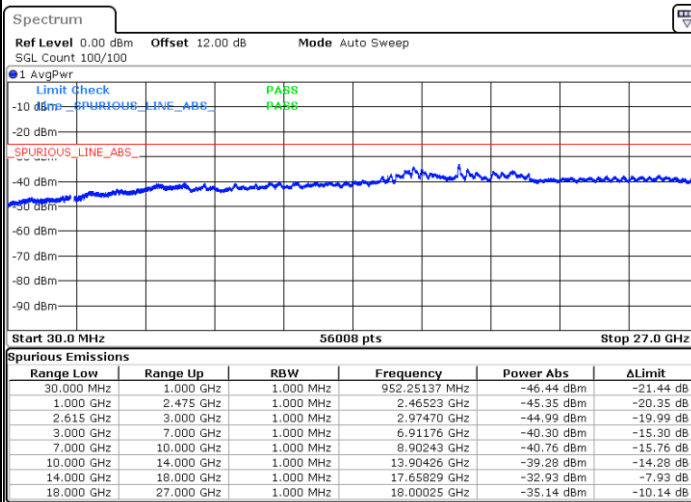


Date: 24.MAY.2023 15:01:38

Date: 24.MAY.2023 15:00:21

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 24.MAY.2023 15:12:54

Date: 24.MAY.2023 15:14:11

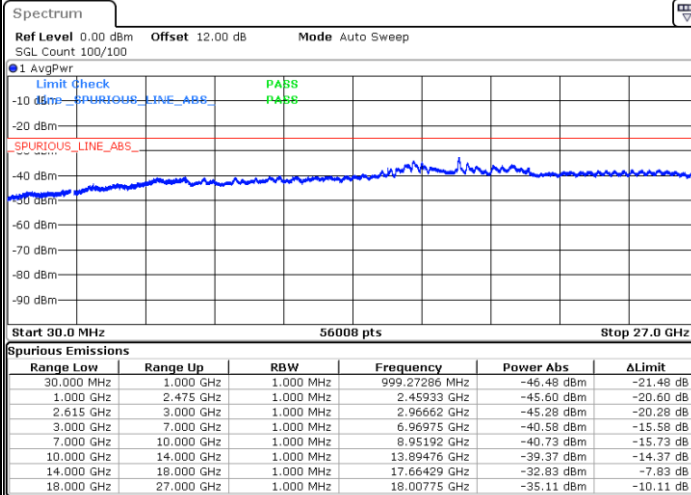


LTE Band 7C / 10MHz+20MHz

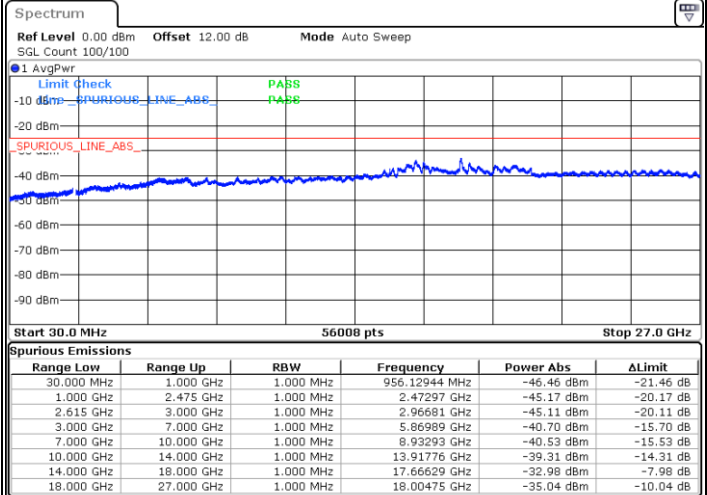
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 24.MAY.2023 14:29:03



Date: 24.MAY.2023 14:27:44

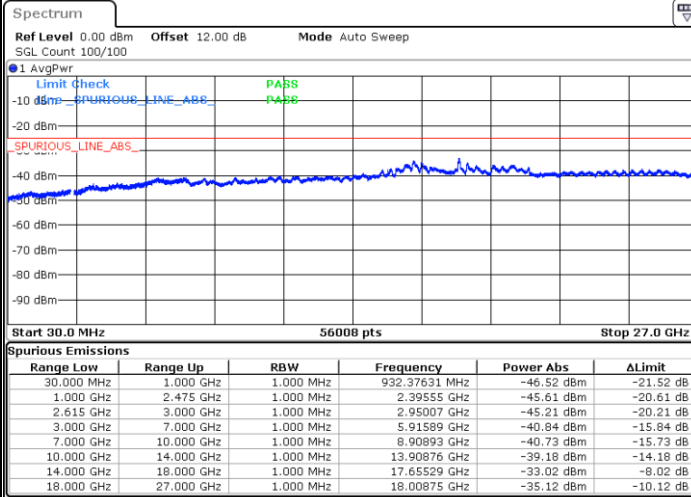


LTE Band 7C / 15MHz+10MHz

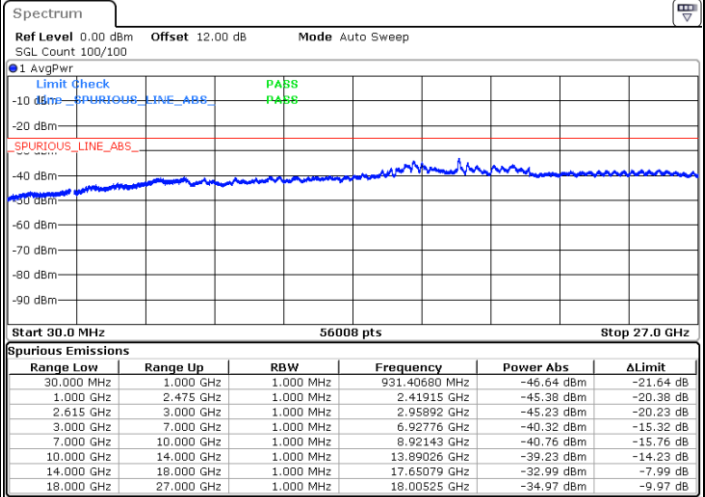
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0



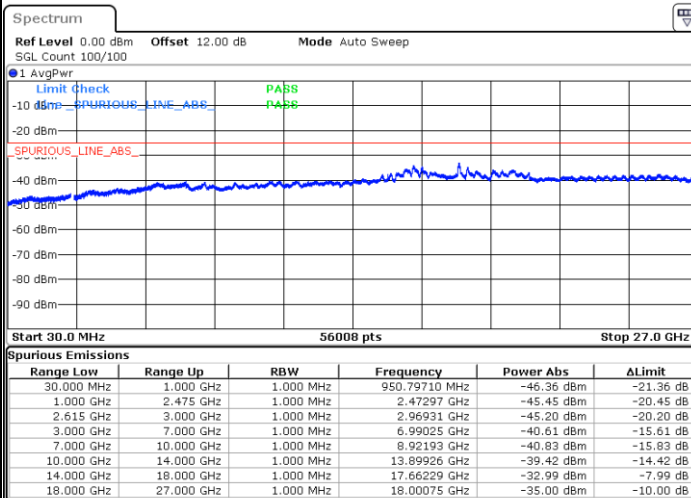
Date: 24.MAY.2023 22:47:14



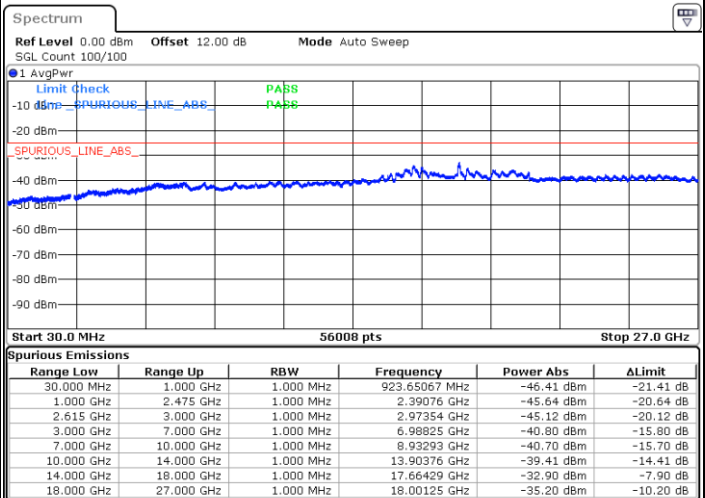
Date: 24.MAY.2023 22:45:57

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 24.MAY.2023 23:17:06



Date: 24.MAY.2023 23:18:23

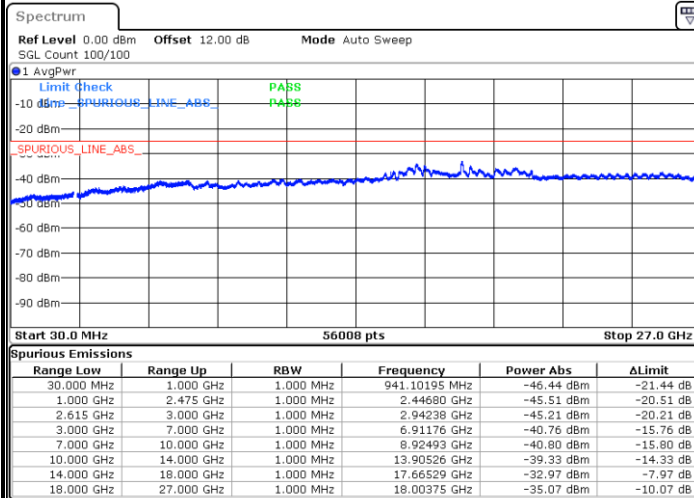


LTE Band 7C / 15MHz+10MHz

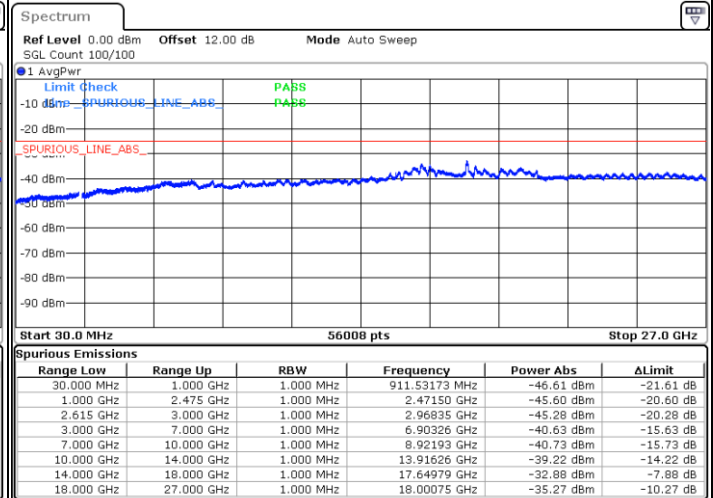
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 24.MAY.2023 22:01:41



Date: 24.MAY.2023 22:00:24

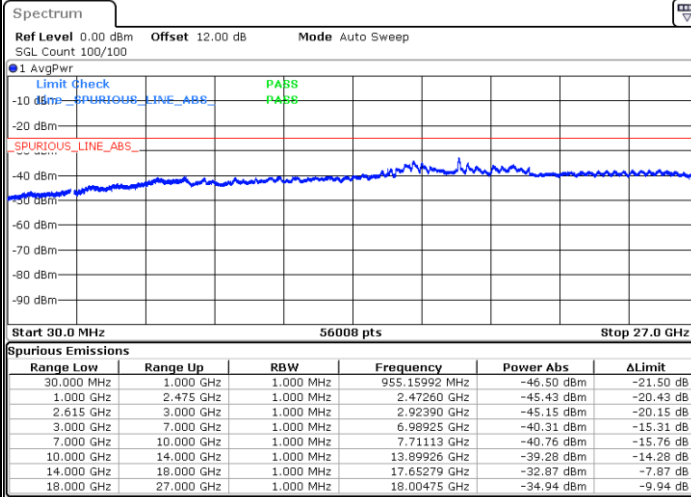


LTE Band 7C / 15MHz+15MHz

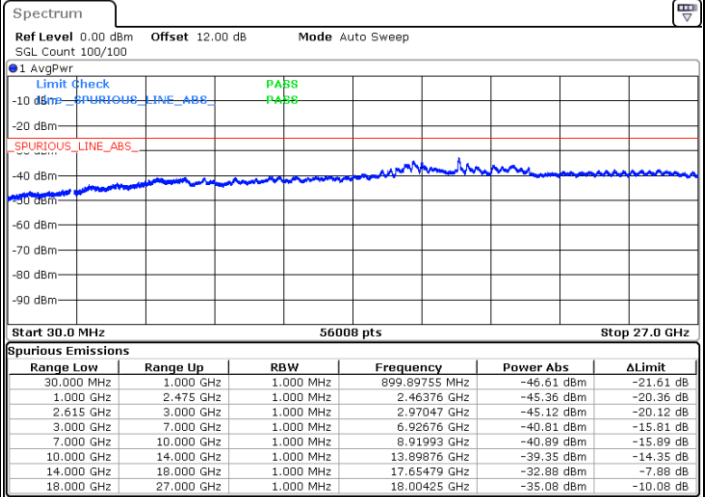
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



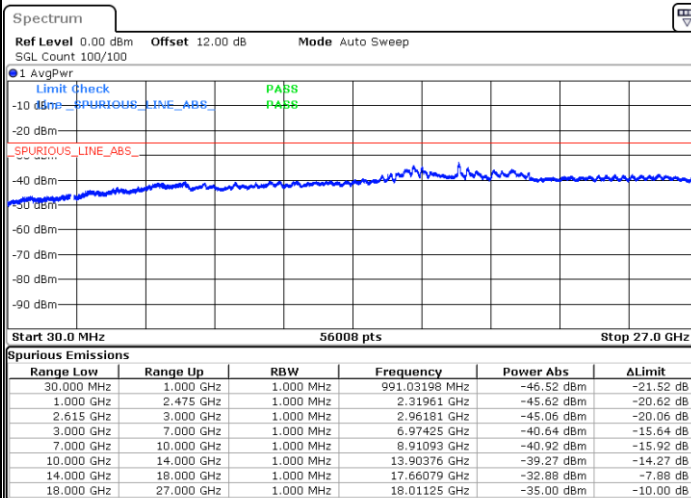
Date: 24.MAY.2023 17:04:25



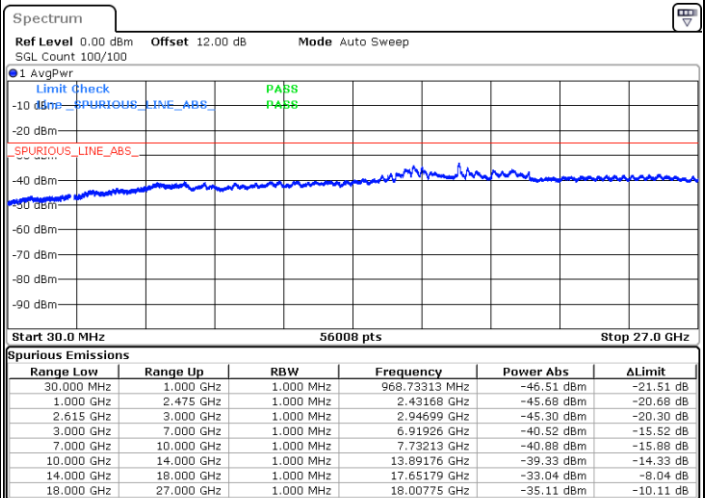
Date: 24.MAY.2023 17:03:13

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 24.MAY.2023 17:15:36



Date: 24.MAY.2023 17:16:48

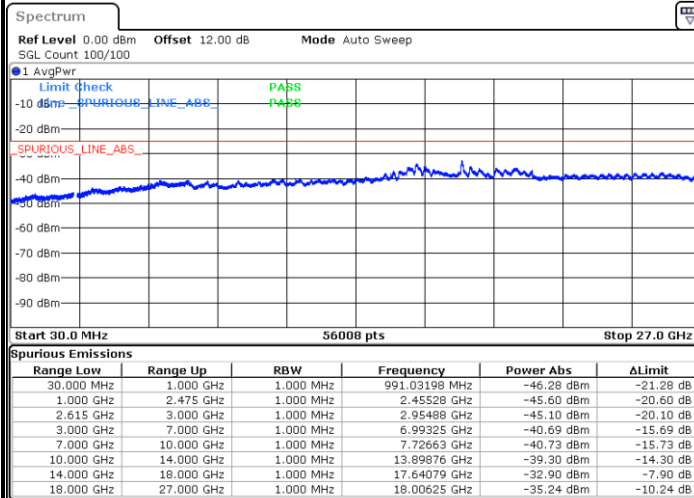


LTE Band 7C / 15MHz+15MHz

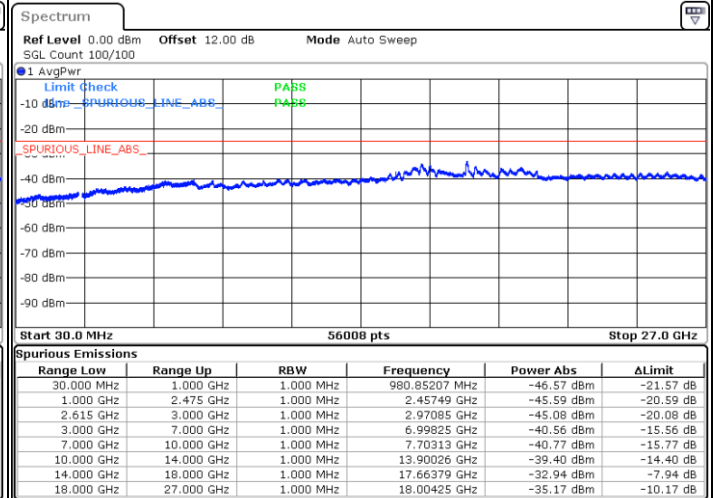
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 24.MAY.2023 16:38:47



Date: 24.MAY.2023 16:37:34

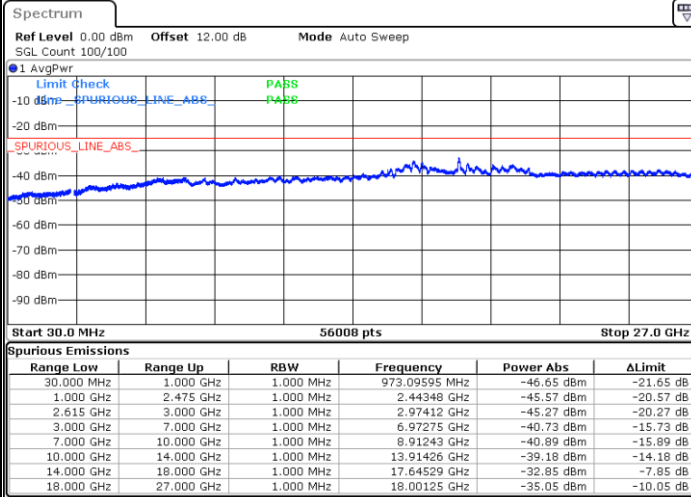


LTE Band 7C / 15MHz+20MHz

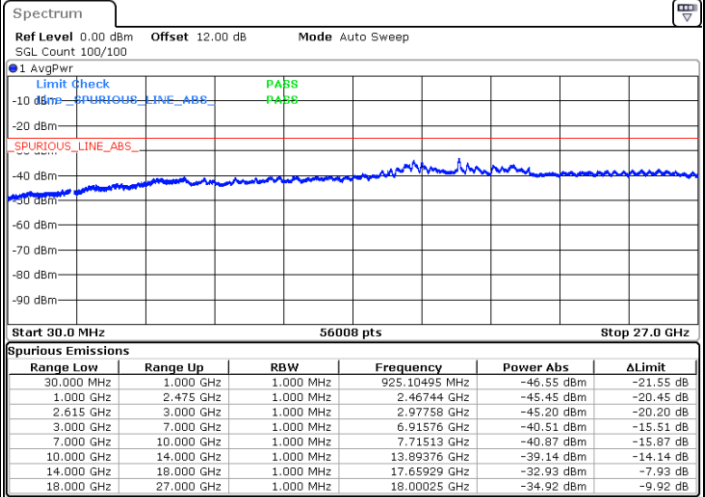
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



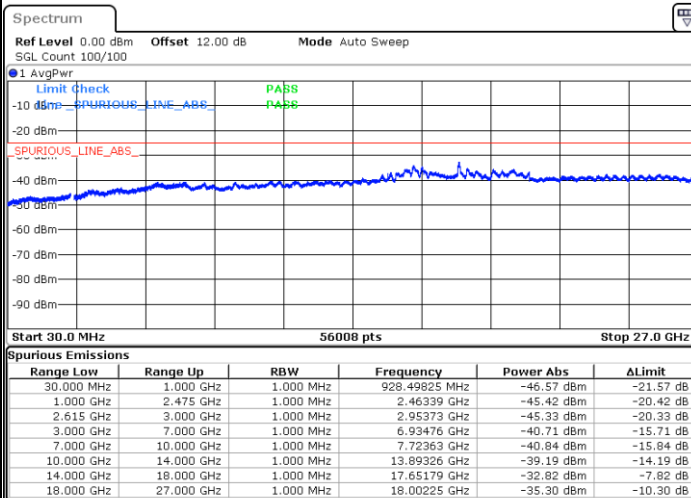
Date: 24.MAY.2023 19:22:11



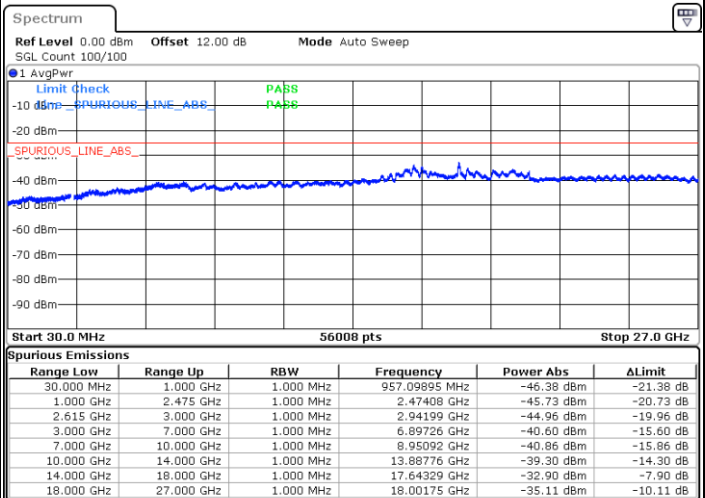
Date: 24.MAY.2023 19:21:00

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 24.MAY.2023 19:39:49



Date: 24.MAY.2023 19:41:01

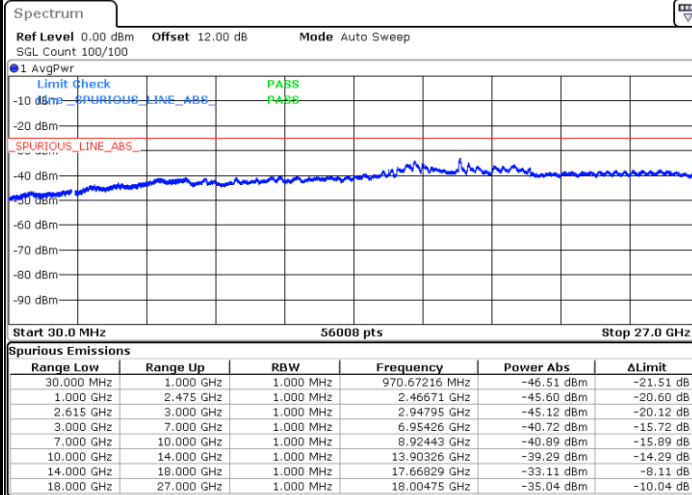


LTE Band 7C / 15MHz+20MHz

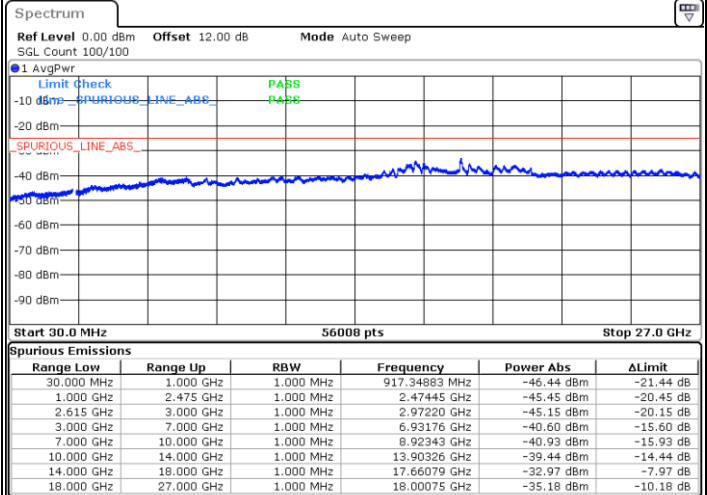
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 24.MAY.2023 17:35:06



Date: 24.MAY.2023 17:33:48

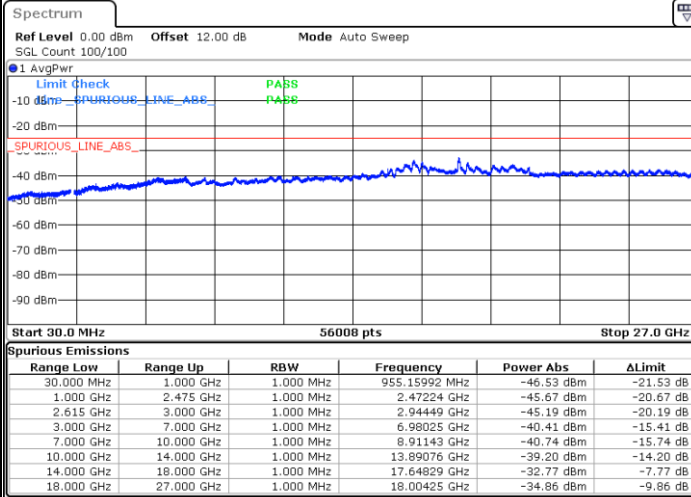


LTE Band 7C / 20MHz+10MHz

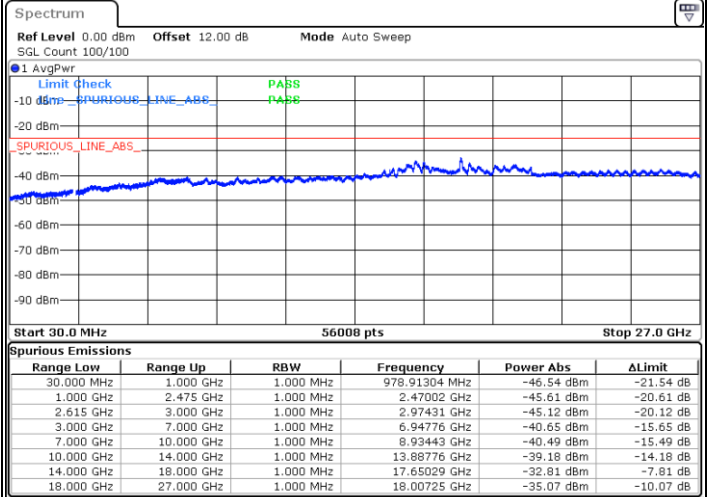
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



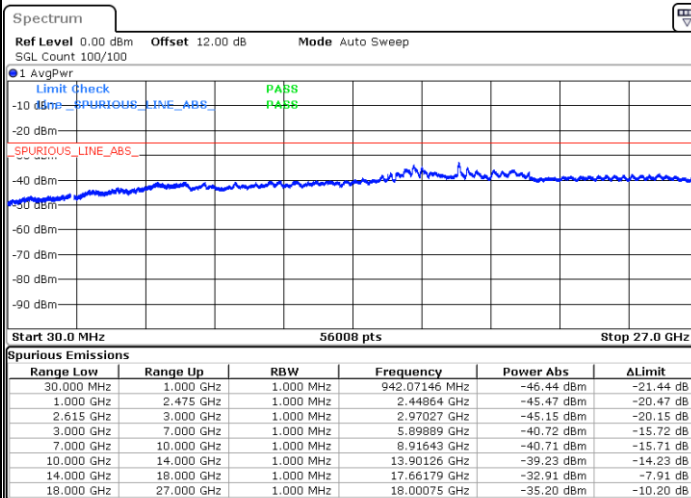
Date: 24.MAY.2023 15:50:53



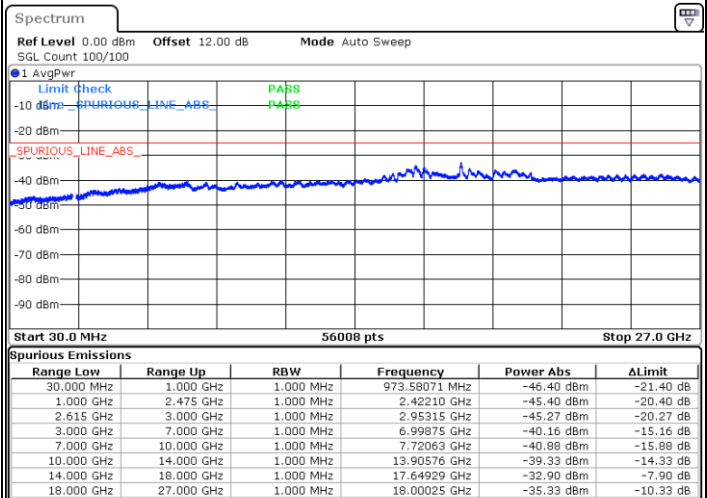
Date: 24.MAY.2023 15:49:36

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 24.MAY.2023 16:20:50



Date: 24.MAY.2023 16:22:07

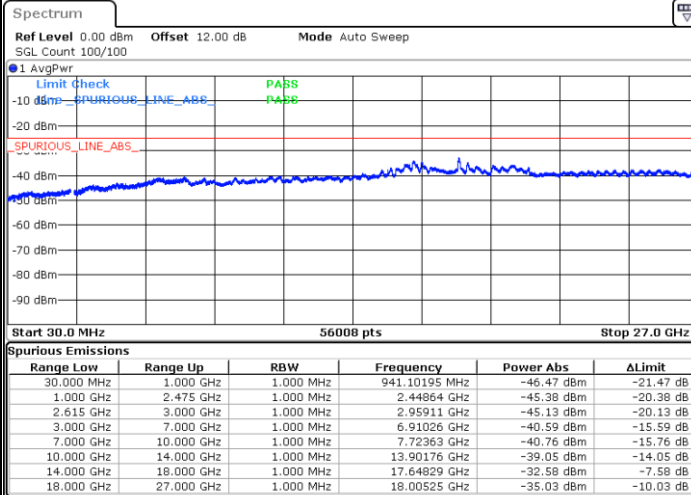


LTE Band 7C / 20MHz+10MHz

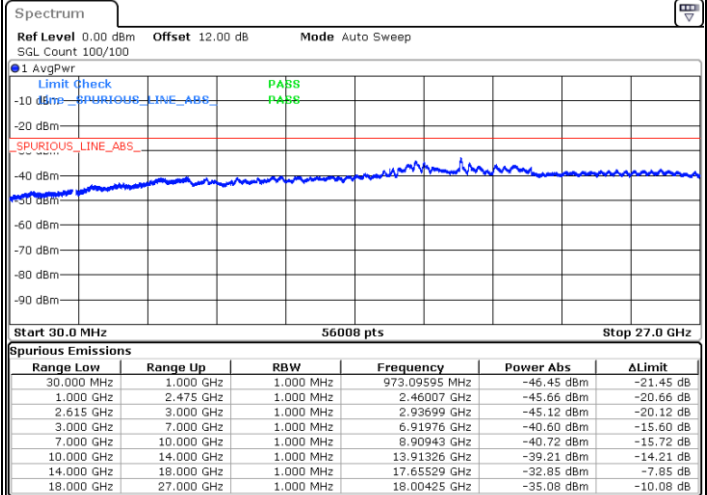
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 24.MAY.2023 15:32:27



Date: 24.MAY.2023 15:31:10

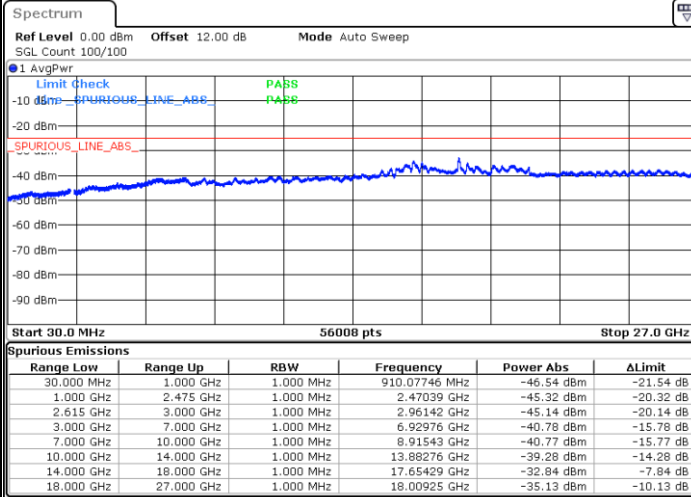


LTE Band 7C / 20MHz+15MHz

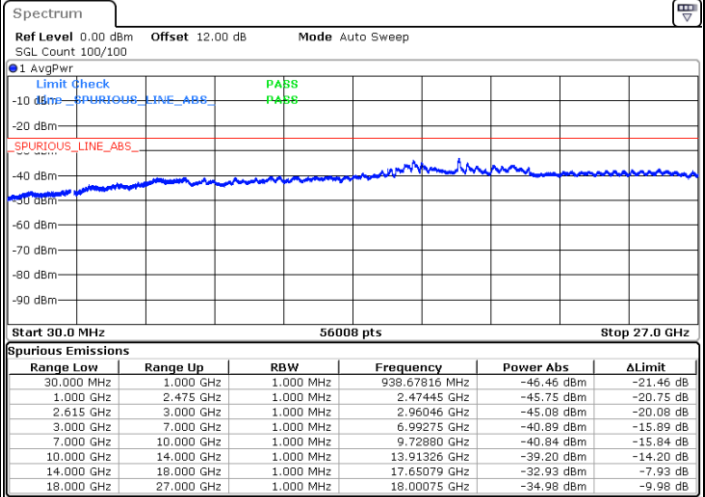
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



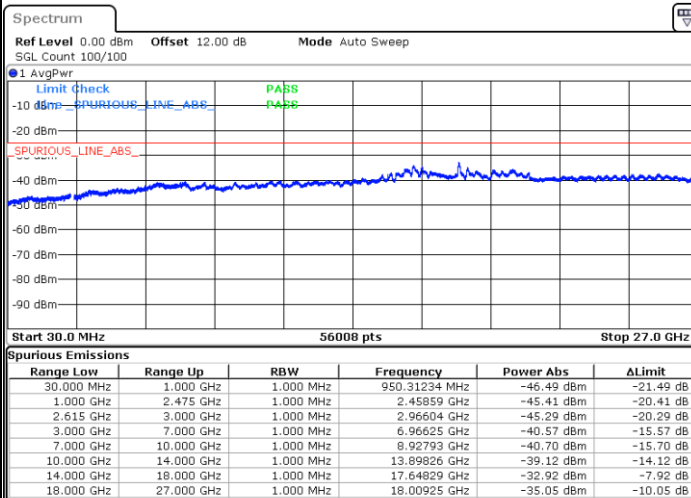
Date: 24.MAY.2023 20:13:50



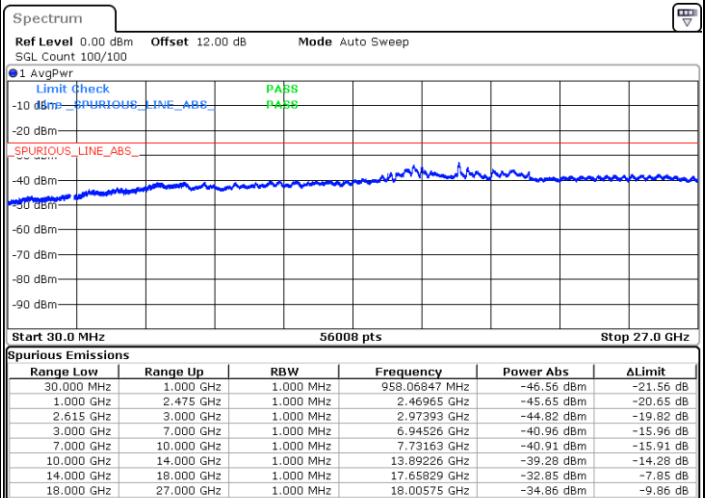
Date: 24.MAY.2023 20:12:39

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 24.MAY.2023 20:30:19



Date: 24.MAY.2023 20:31:31

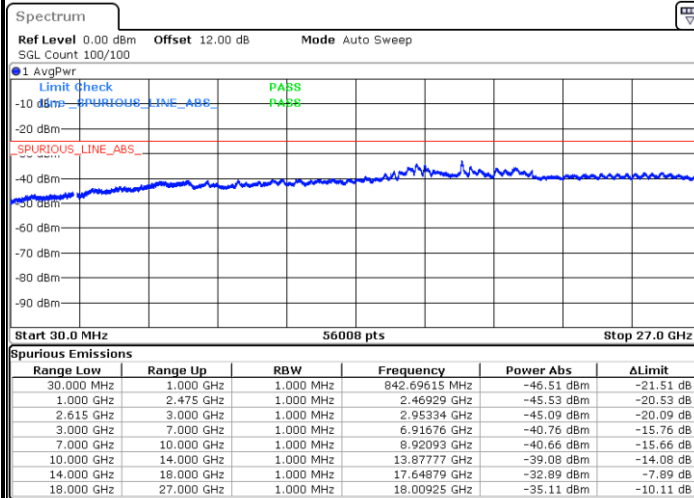


LTE Band 7C / 20MHz+15MHz

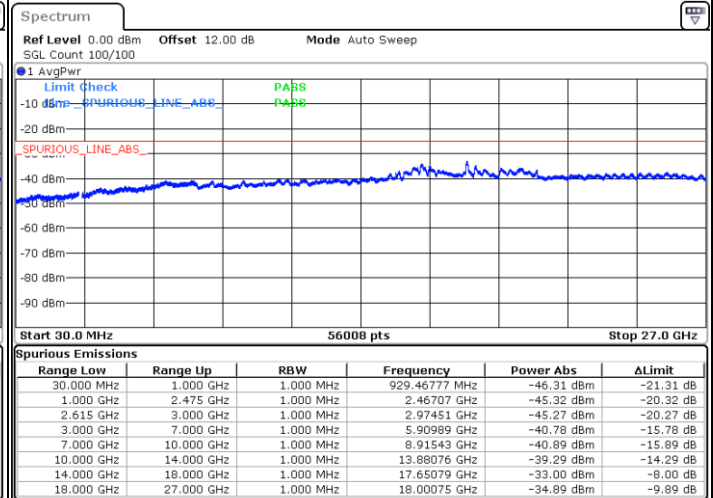
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 24.MAY.2023 19:57:24



Date: 24.MAY.2023 19:56:12

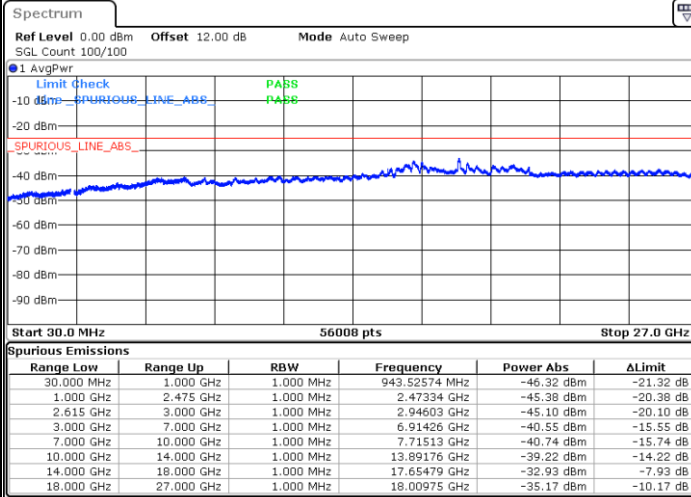


LTE Band 7C / 20MHz+20MHz

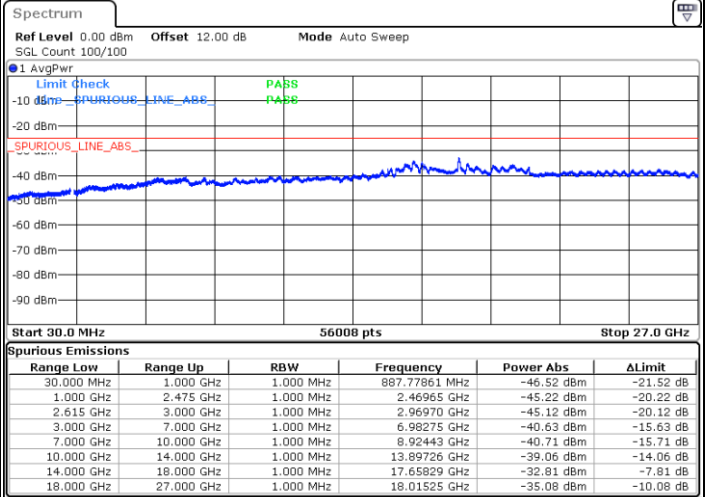
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



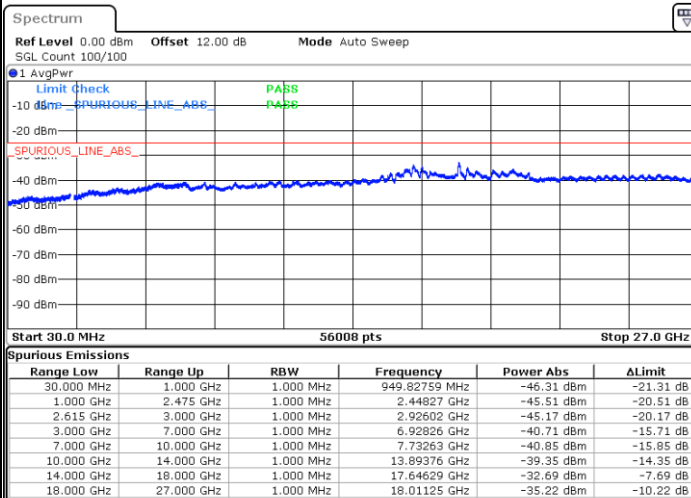
Date: 24.MAY.2023 21:14:34



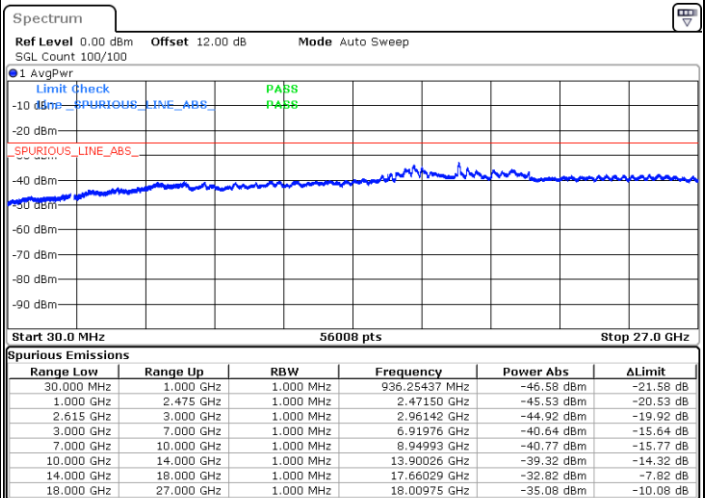
Date: 24.MAY.2023 21:13:22

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 26.MAY.2023 01:30:15



Date: 24.MAY.2023 21:43:20

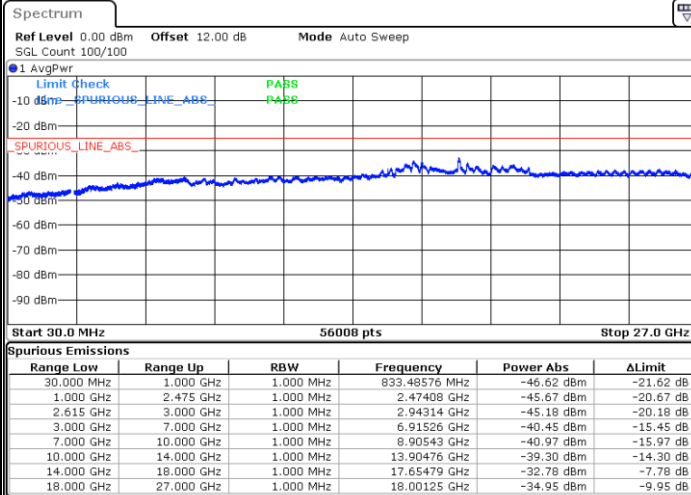


LTE Band 7C / 20MHz+20MHz

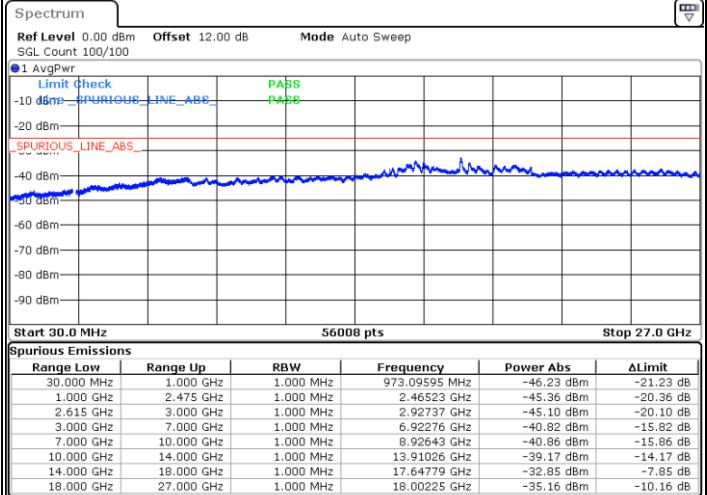
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 24.MAY.2023 20:57:47



Date: 24.MAY.2023 20:56:36



LTE Band 12

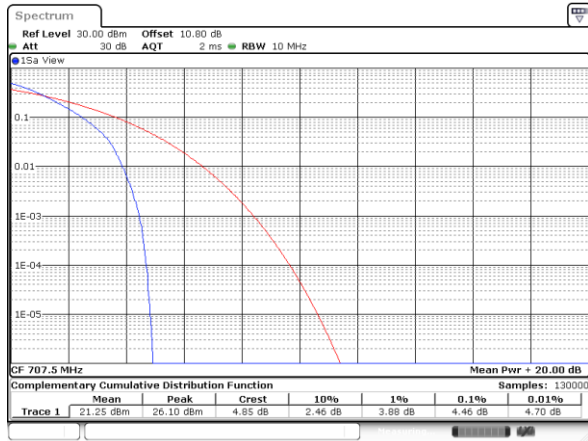
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.46	5.54	6.17	PASS



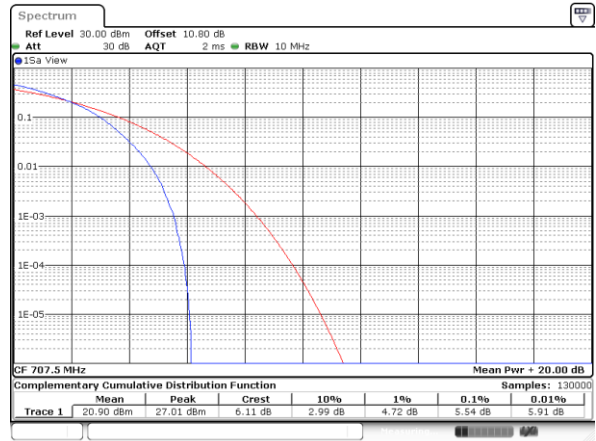
LTE Band 12 / 10MHz / QPSK

Middle Channel / Full RB



LTE Band 12 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 12 / 10MHz / 64QAM

Middle Channel / Full RB



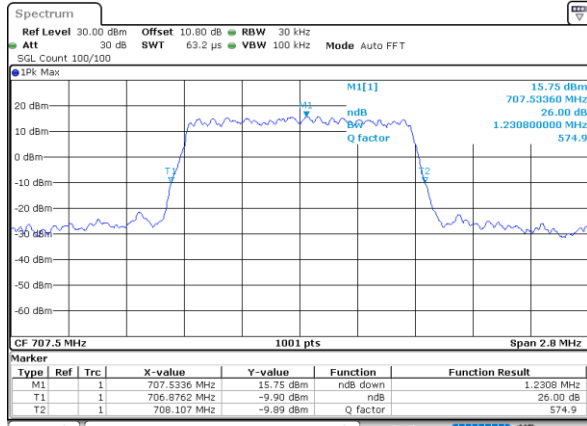
**26dB Bandwidth**

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	1.22	3.09	3.01	4.94	4.85	9.81	9.67	-	-	-	-
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	1.23	-	3.05	-	4.91	-	9.87	-	-	-	-	-



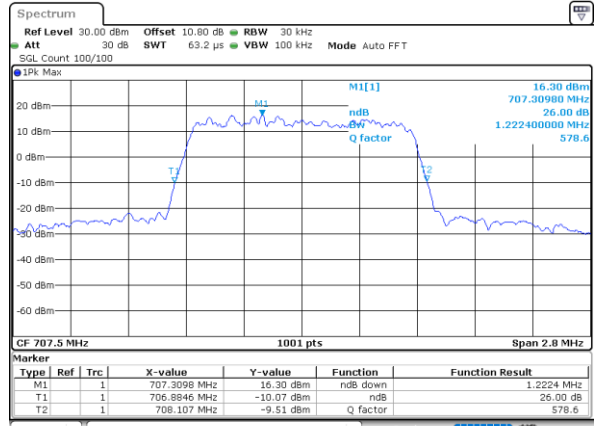
LTE Band 12

Middle Channel / 1.4MHz / QPSK



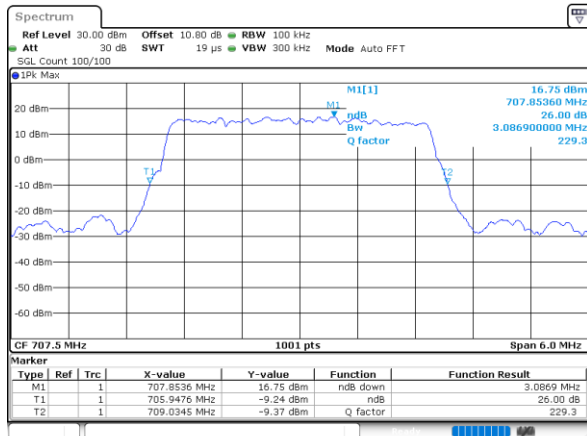
Date: 18.MAY.2023 15:38:30

Middle Channel / 1.4MHz / 16QAM



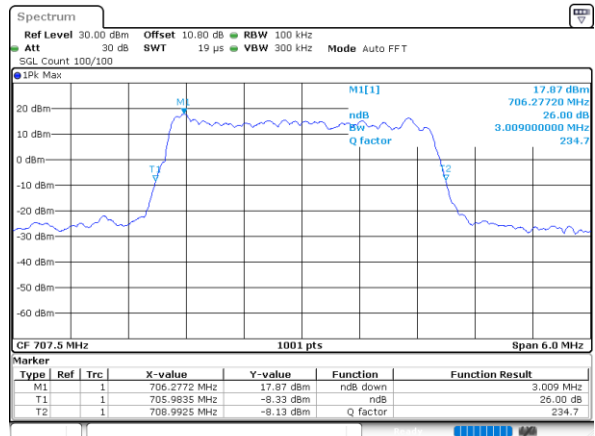
Date: 18.MAY.2023 15:38:59

Middle Channel / 3MHz / QPSK



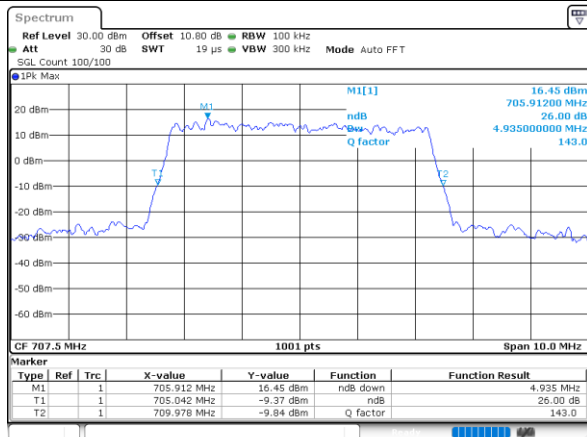
Date: 18.MAY.2023 16:33:33

Middle Channel / 3MHz / 16QAM



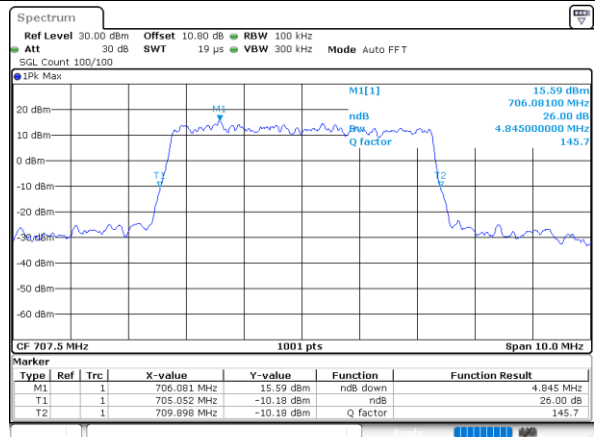
Date: 18.MAY.2023 16:34:01

Middle Channel / 5MHz / QPSK



Date: 18.MAY.2023 16:44:41

Middle Channel / 5MHz / 16QAM

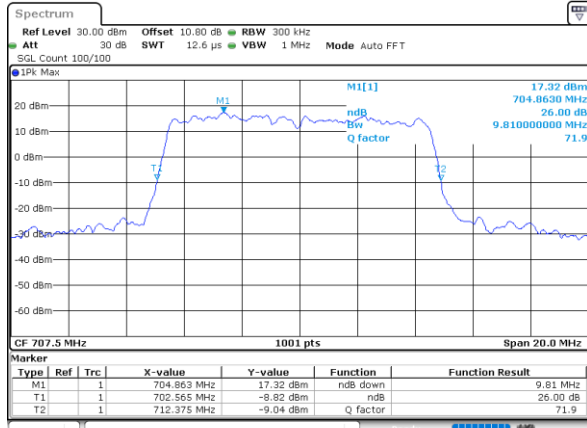


Date: 18.MAY.2023 16:45:10



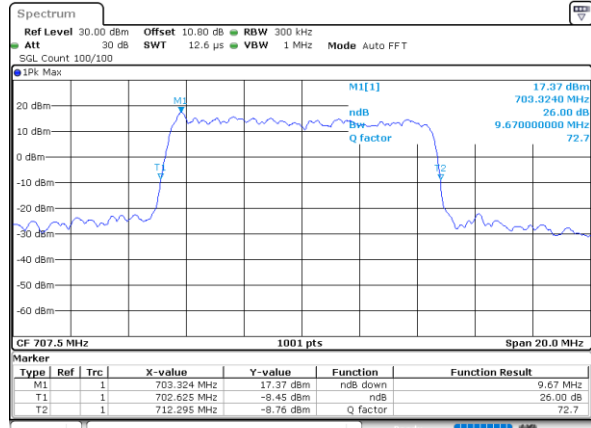
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 18.MAY.2023 16:50:20

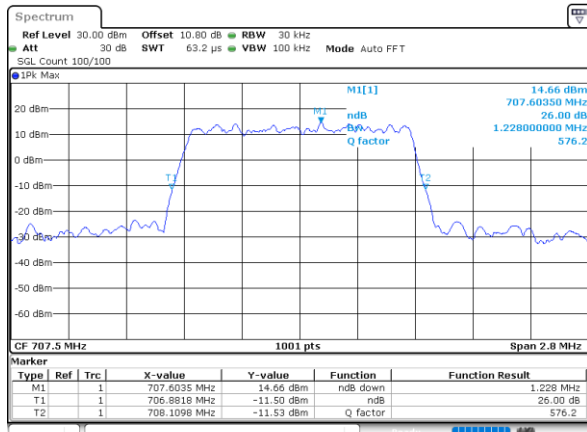
Middle Channel / 10MHz / 16QAM



Date: 18.MAY.2023 16:50:56

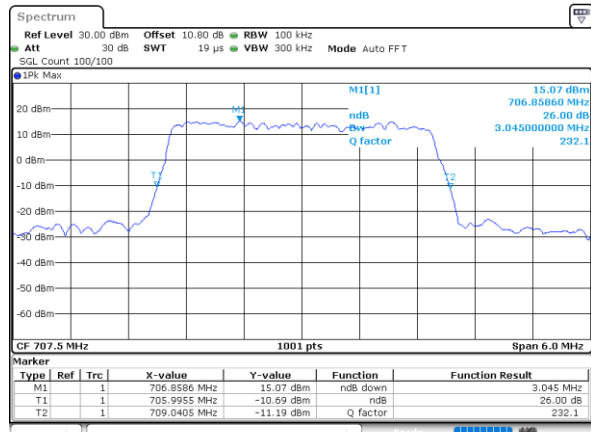
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



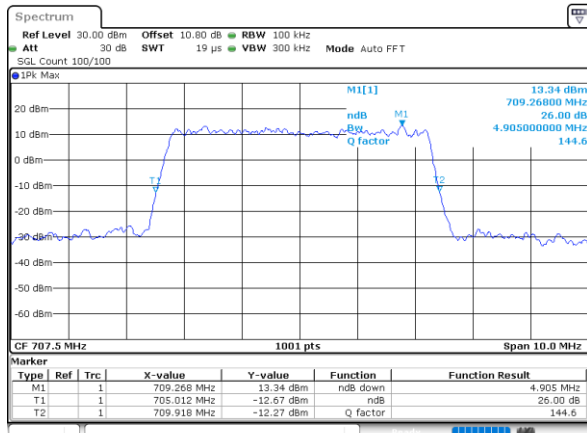
Date: 18.MAY.2023 15:48:06

Middle Channel / 3MHz / 64QAM



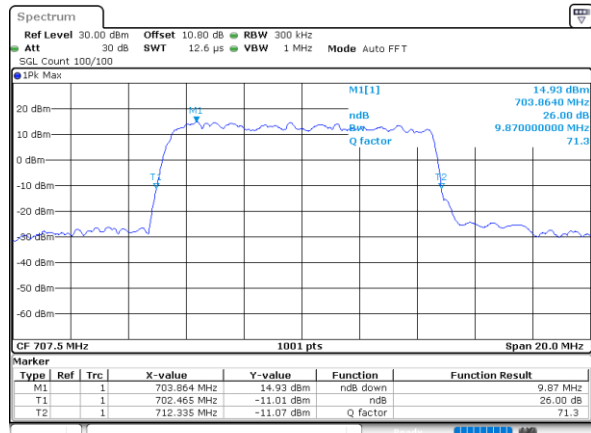
Date: 18.MAY.2023 16:37:43

Middle Channel / 5MHz / 64QAM



Date: 18.MAY.2023 16:40:30

Middle Channel / 10MHz / 64QAM



Date: 18.MAY.2023 16:54:38

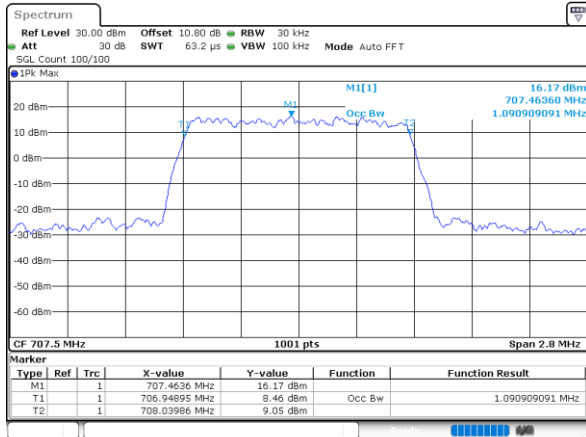
**Occupied Bandwidth**

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	2.71	2.69	4.47	4.48	8.99	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	1.08	-	2.73	-	4.50	-	9.05	-	-	-	-	-

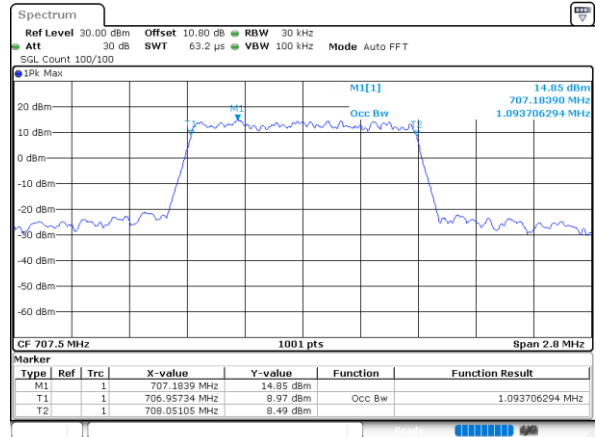


LTE Band 12

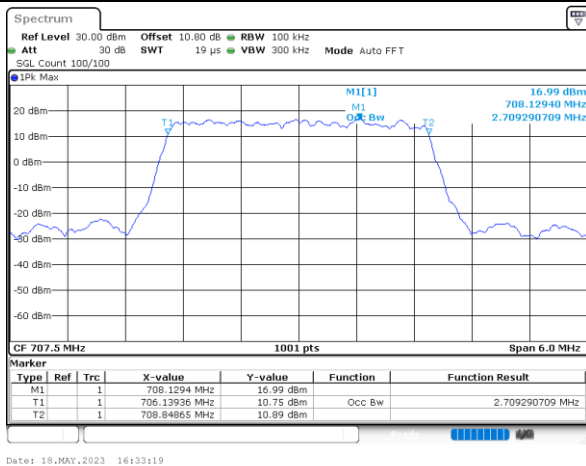
Middle Channel / 1.4MHz / QPSK



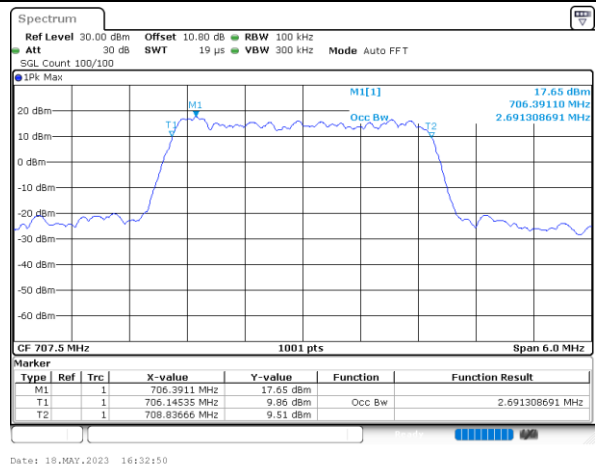
Middle Channel / 1.4MHz / 16QAM



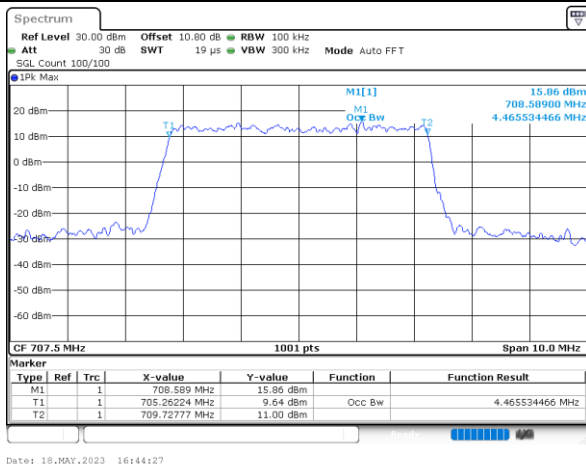
Middle Channel / 3MHz / QPSK



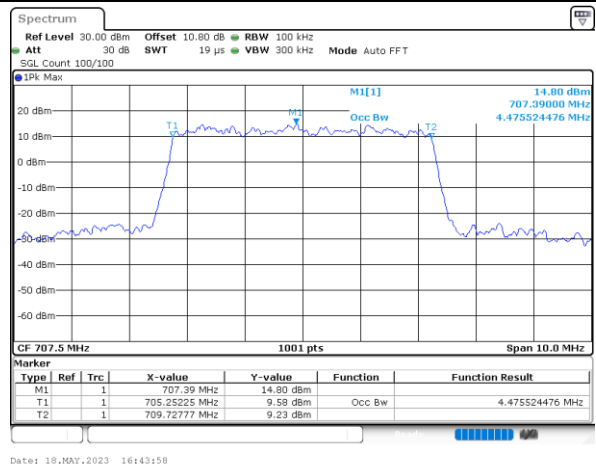
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



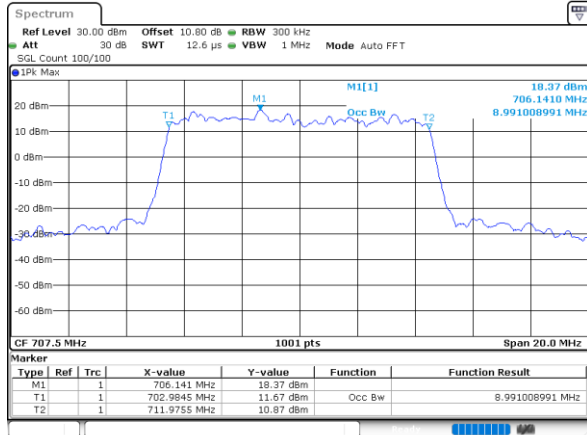
Middle Channel / 5MHz / 16QAM





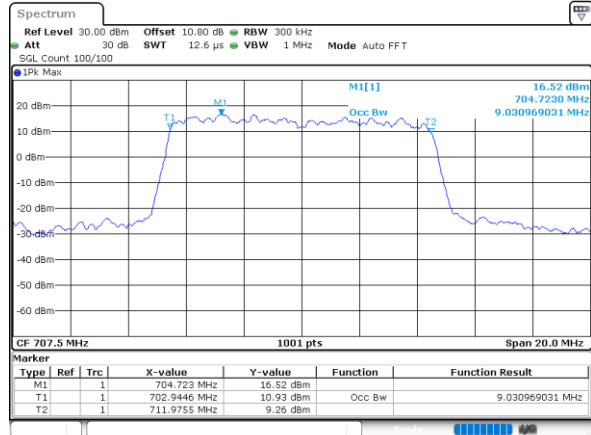
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 18.MAY.2023 16:50:14

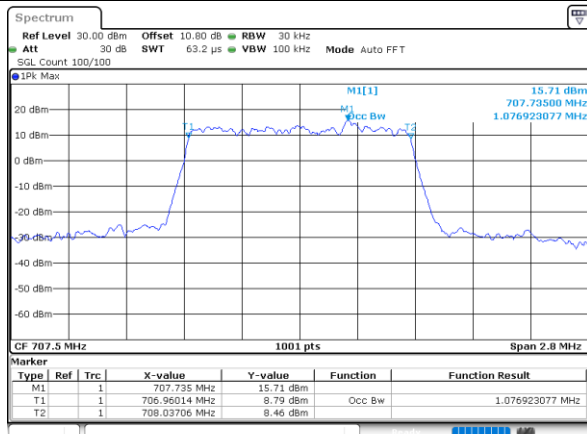
Middle Channel / 10MHz / 16QAM



Date: 18.MAY.2023 16:49:45

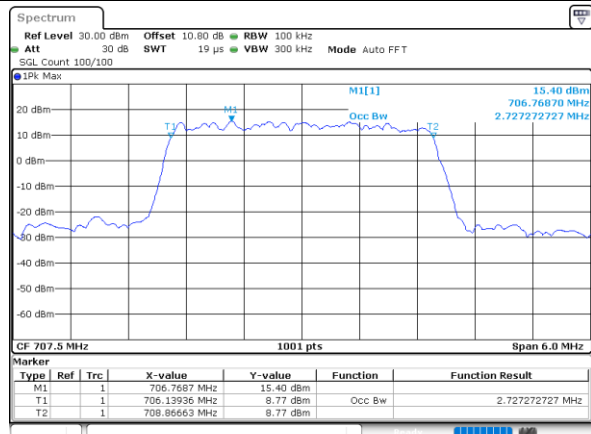
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



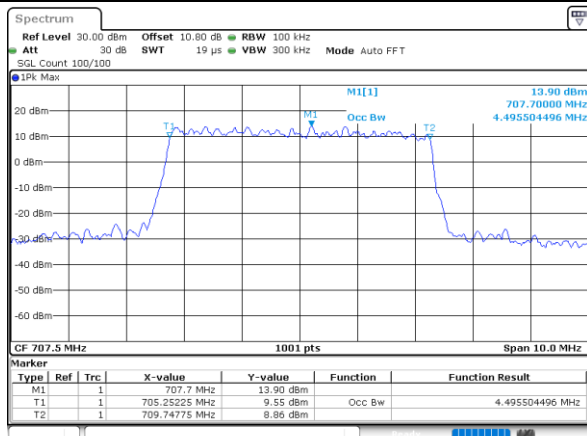
Date: 18.MAY.2023 15:47:52

Middle Channel / 3MHz / 64QAM



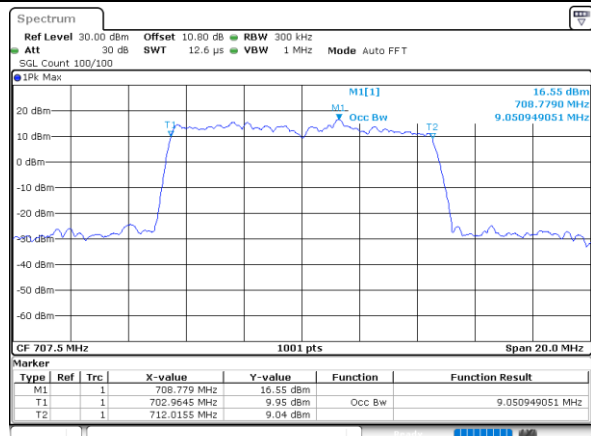
Date: 18.MAY.2023 16:37:29

Middle Channel / 5MHz / 64QAM



Date: 18.MAY.2023 16:40:16

Middle Channel / 10MHz / 64QAM



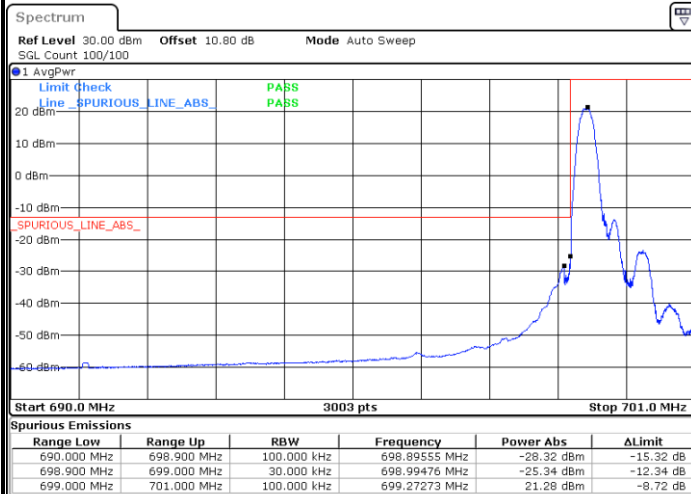
Date: 18.MAY.2023 16:54:24



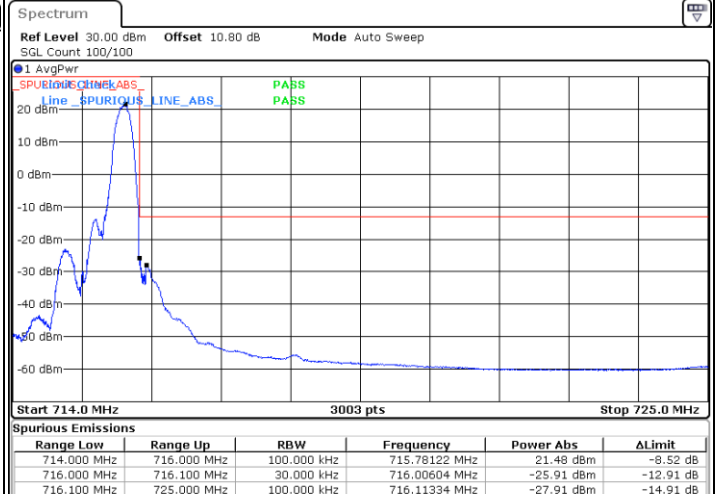
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

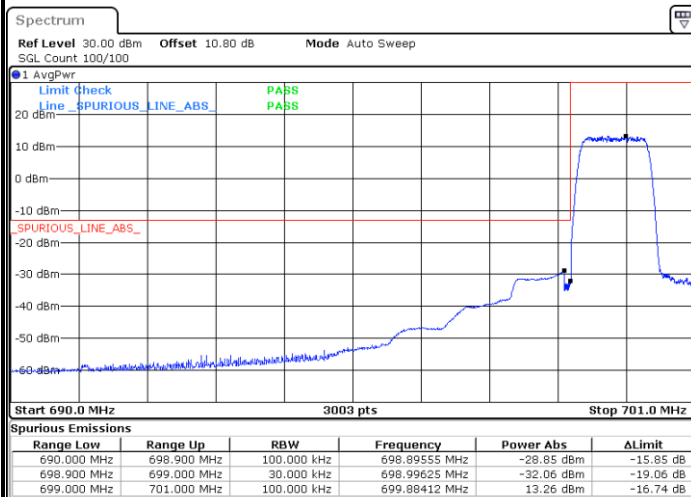
Lowest Band Edge / 1RB



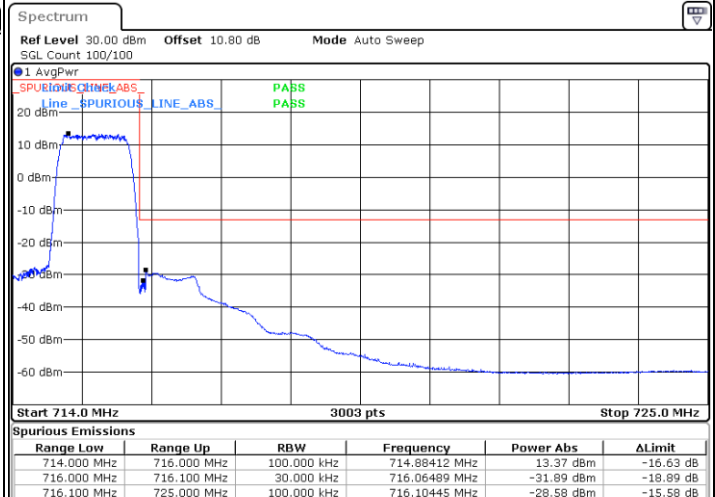
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



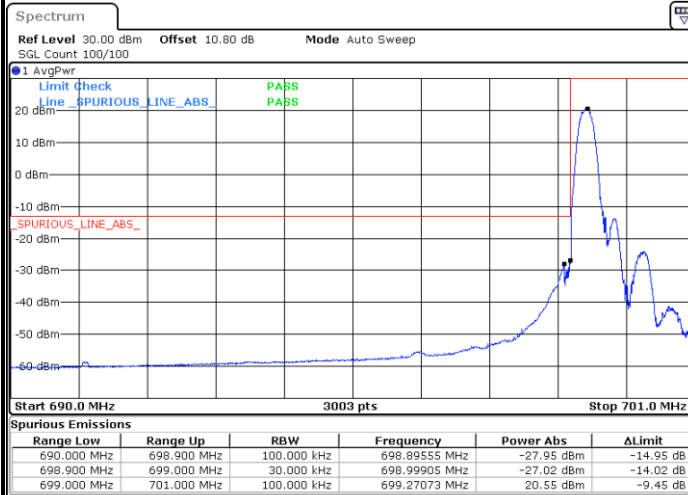
Highest Band Edge / Full RB



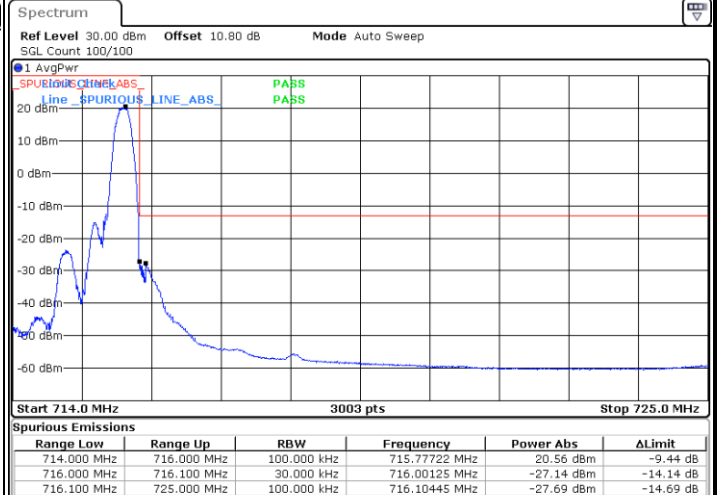


LTE Band 12 / 1.4MHz / 16QAM

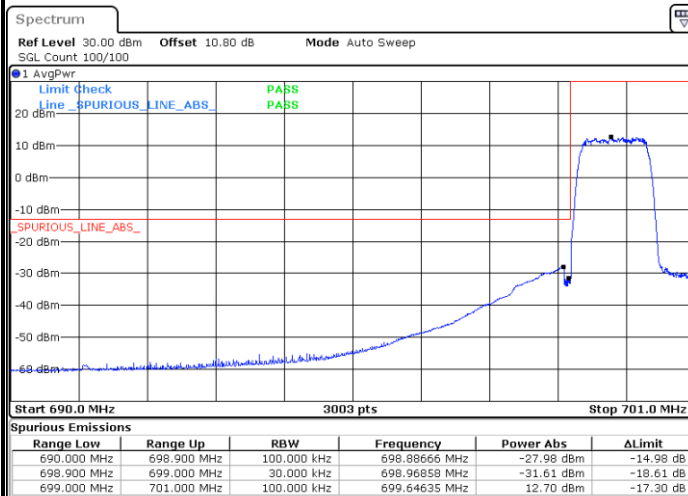
Lowest Band Edge / 1 RB



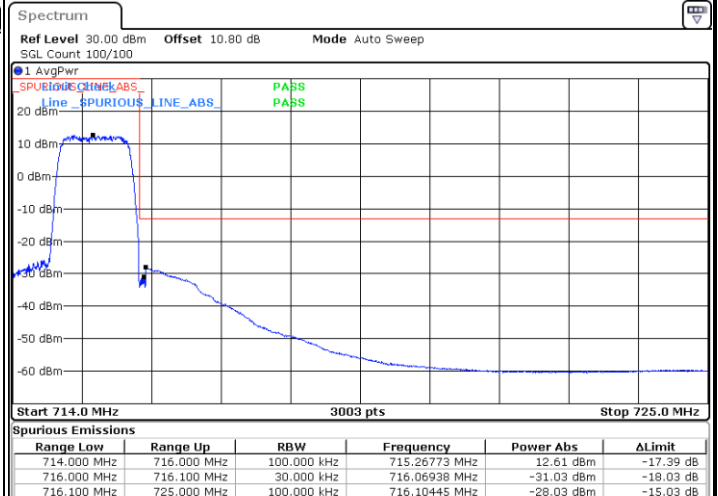
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



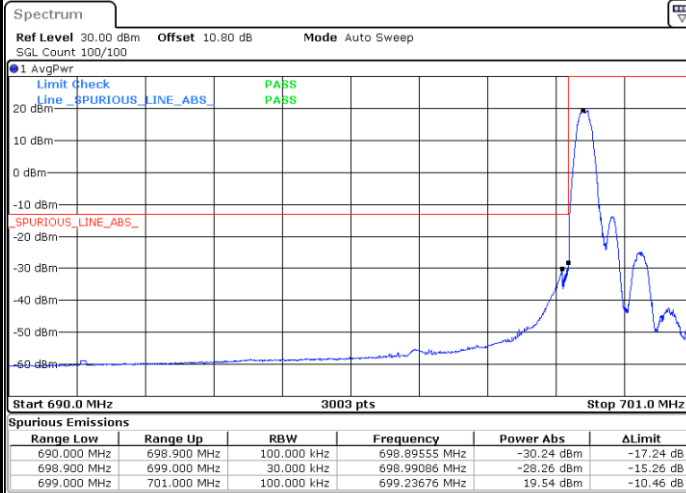
Highest Band Edge / Full RB



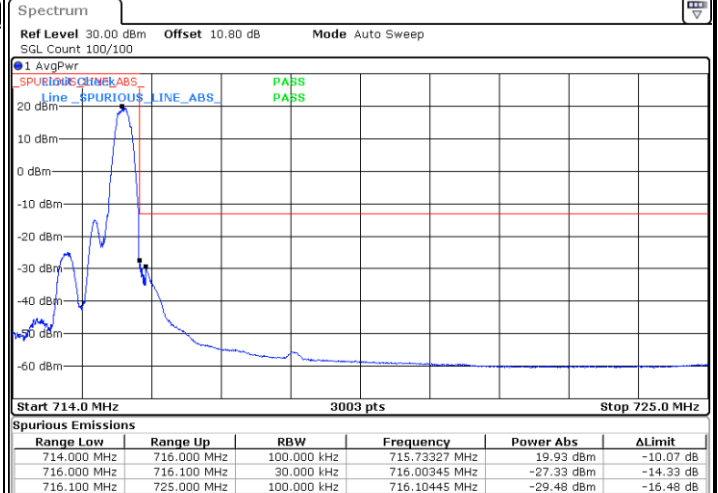


LTE Band 12 / 1.4MHz / 64QAM

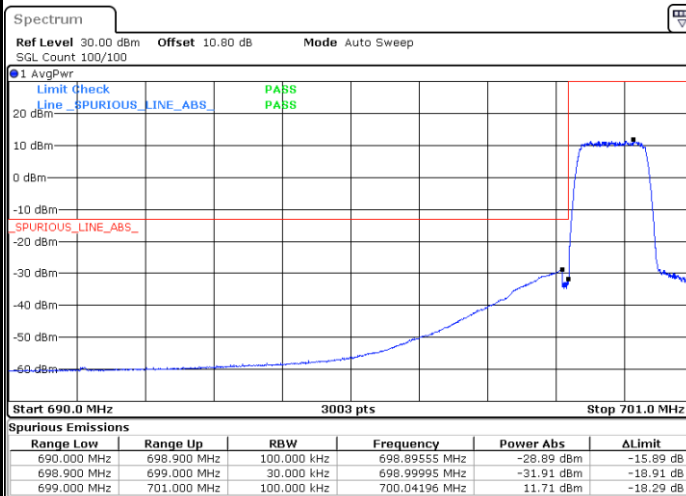
Lowest Band Edge / 1 RB



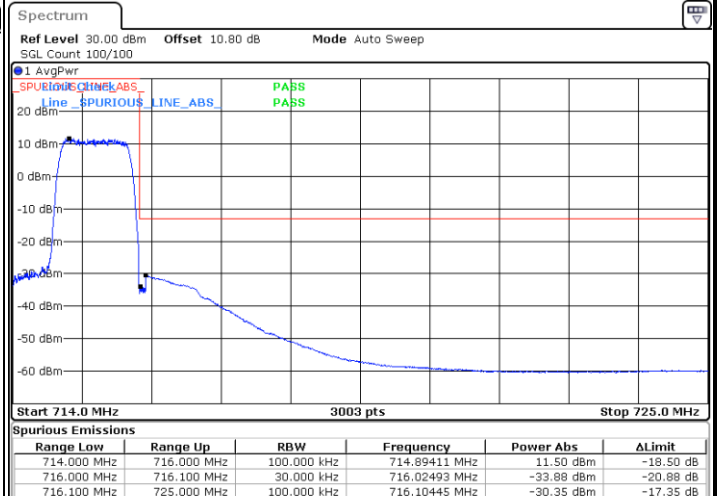
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



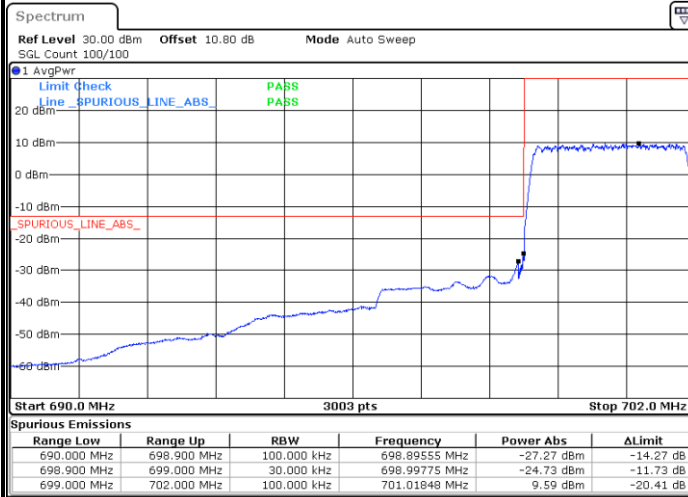
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / Full RB

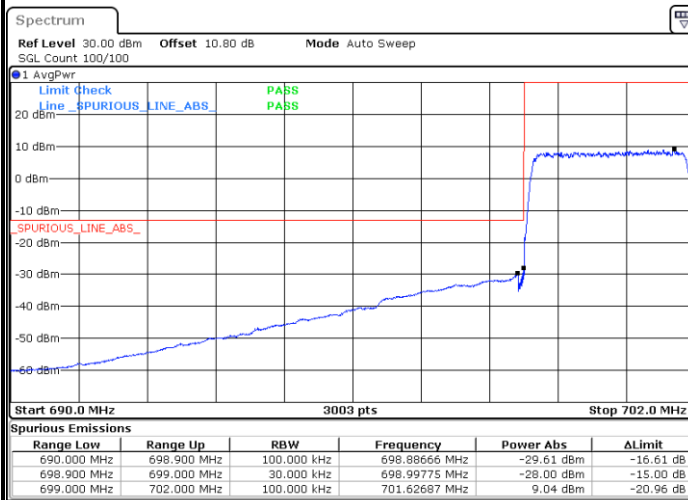


Highest Band Edge / Full RB

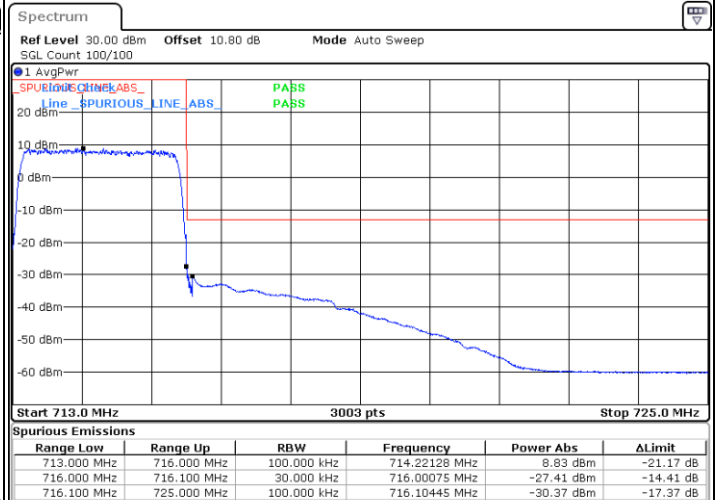


LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



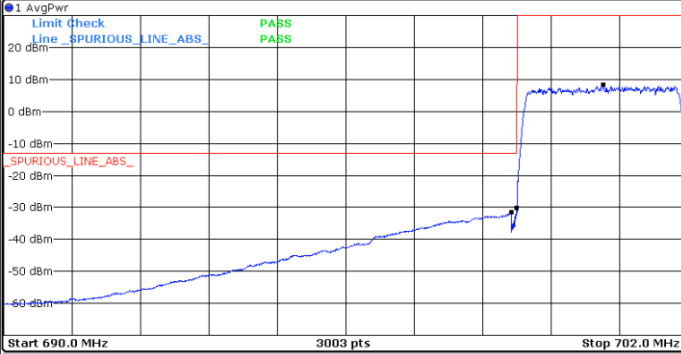


LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

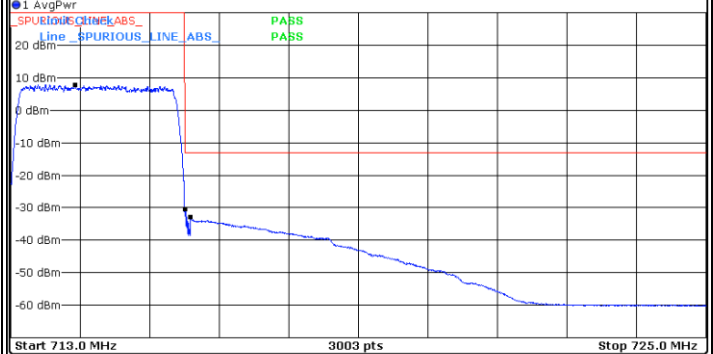
Spectrum

Ref Level 30.00 dBm Offset 10.80 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.55 dBm	-18.55 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99176 MHz	-30.23 dBm	-17.23 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.50899 MHz	8.26 dBm	-21.74 dB

Date: 18.MAY.2023 16:36:59

Spectrum

Ref Level 30.00 dBm Offset 10.80 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	715.000 MHz	100.000 kHz	714.10739 MHz	7.82 dBm	-22.18 dB
715.000 MHz	716.100 MHz	30.000 kHz	716.01134 MHz	-30.37 dBm	-17.37 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.85 dBm	-19.85 dB

Date: 18.MAY.2023 16:38:41