

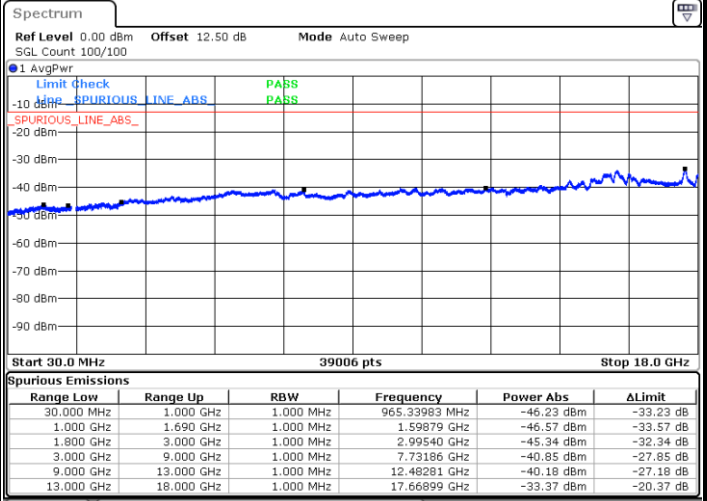
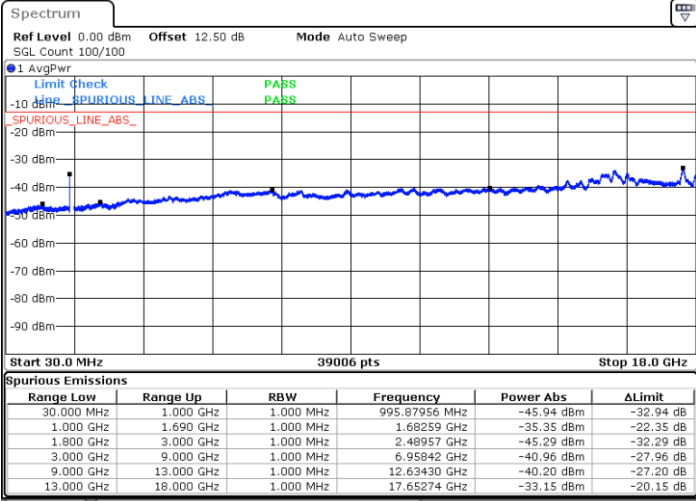


LTE Band 66C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

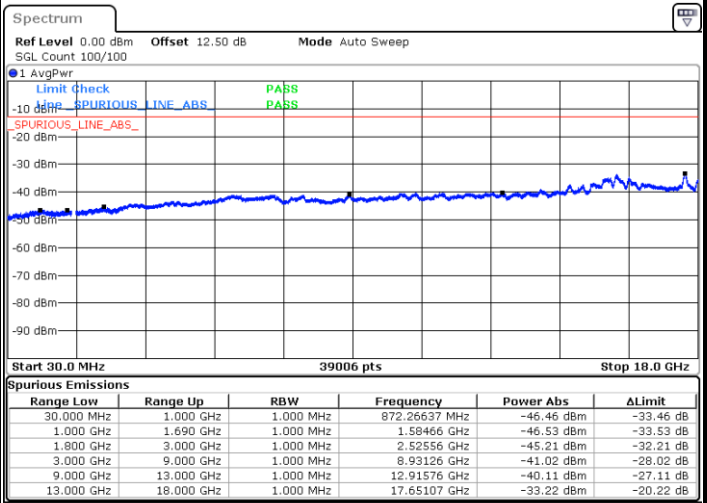
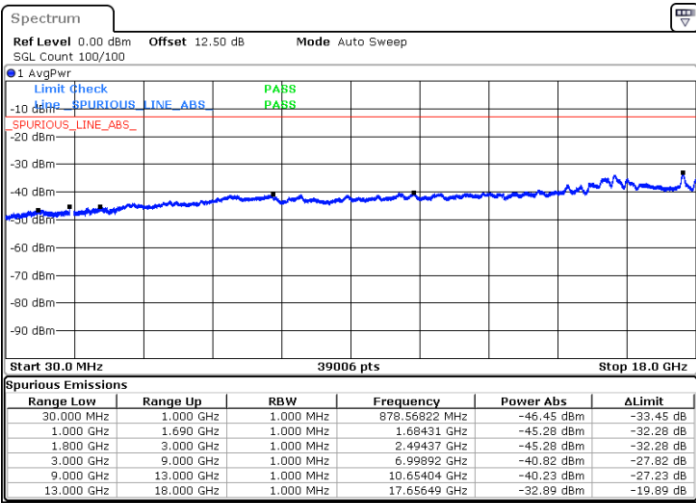


Date: 11.JUN.2024 23:35:57

Date: 11.JUN.2024 23:42:58

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 11.JUN.2024 23:49:46

Date: 11.JUN.2024 23:48:17

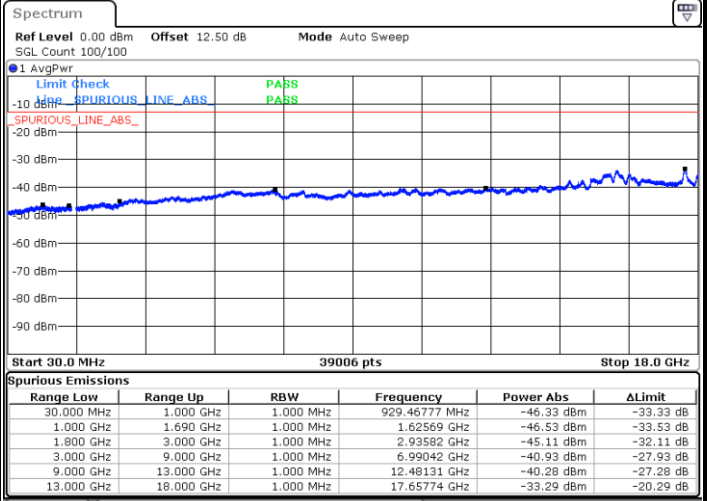
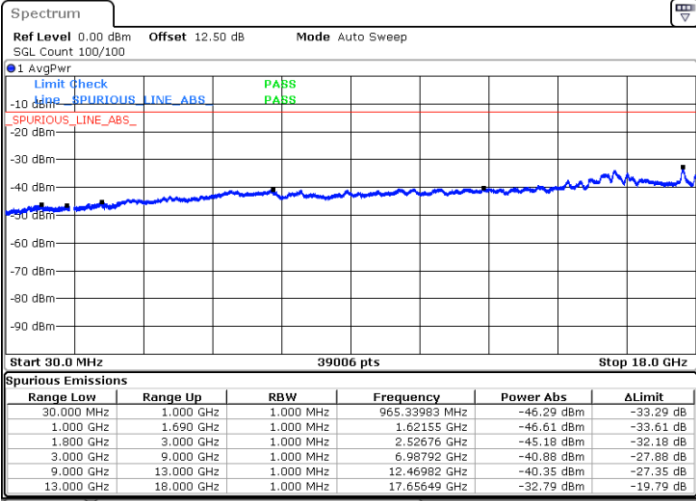


LTE Band 66C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 11.JUN.2024 23:19:15

Date: 11.JUN.2024 23:26:17

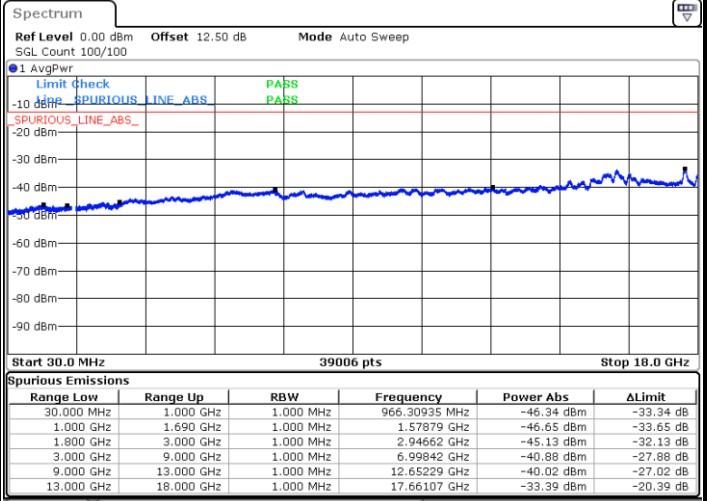
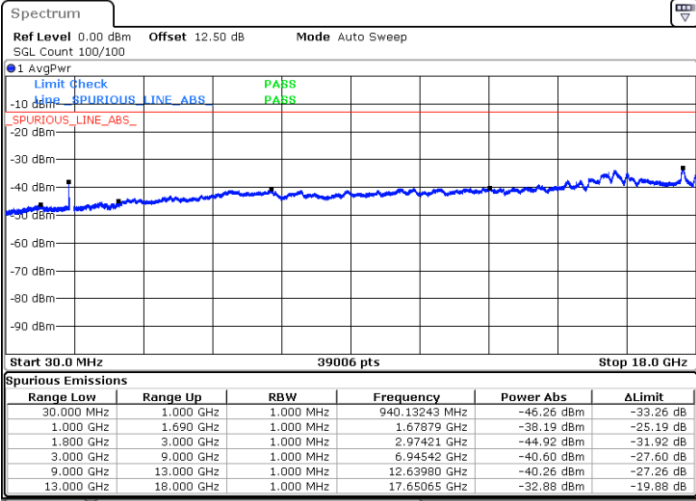


LTE Band 66C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

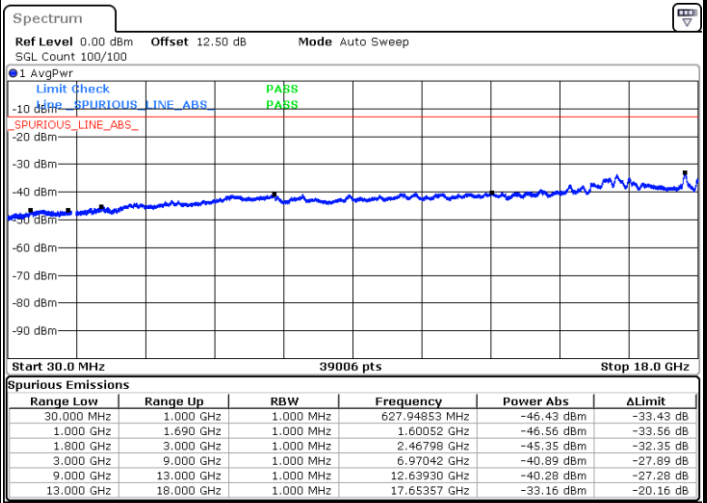
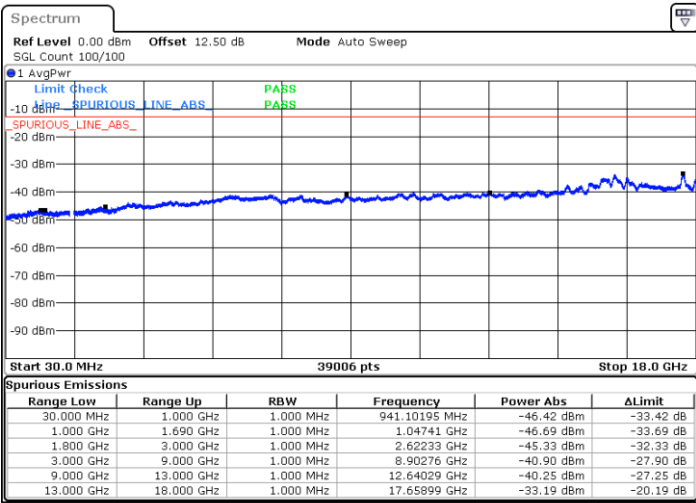


Date: 11.JUN.2024 22:51:10

Date: 11.JUN.2024 22:58:46

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 11.JUN.2024 23:05:49

Date: 11.JUN.2024 23:04:22

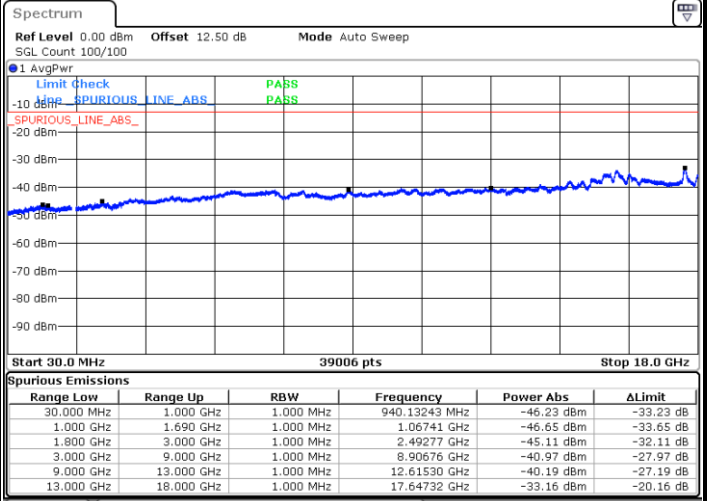
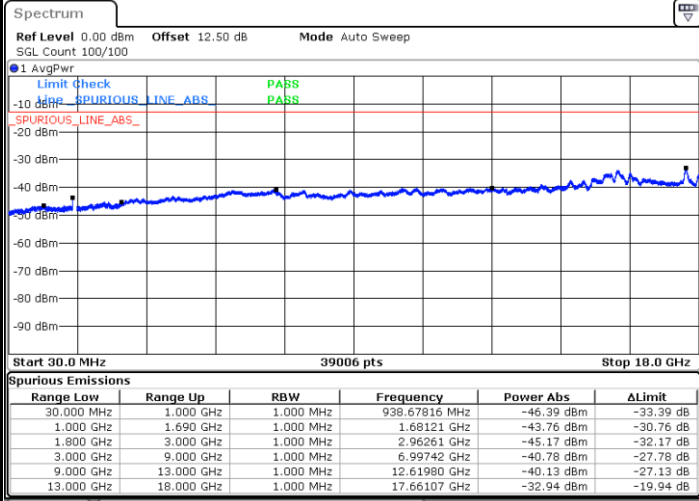


LTE Band 66C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 11.JUN.2024 22:13:30

Date: 11.JUN.2024 22:21:08

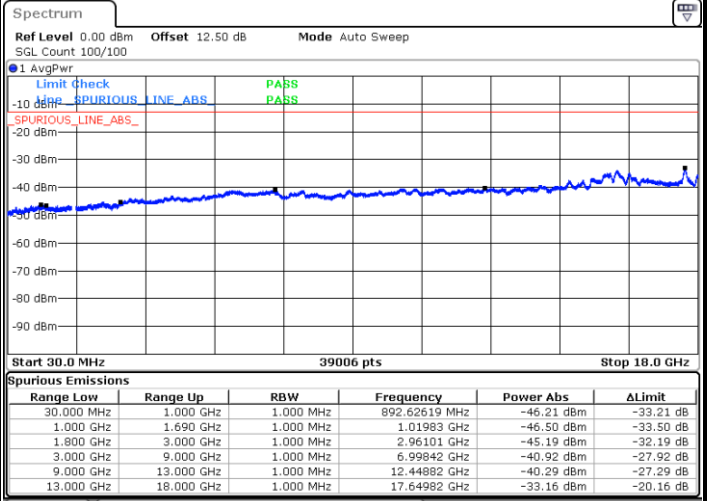
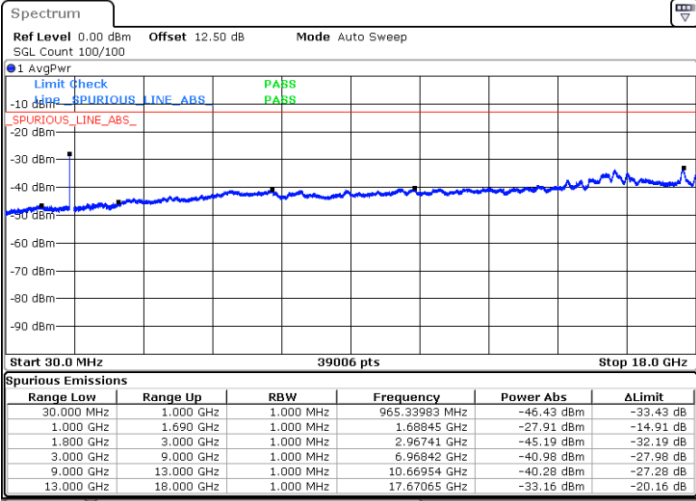


LTE Band 66C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

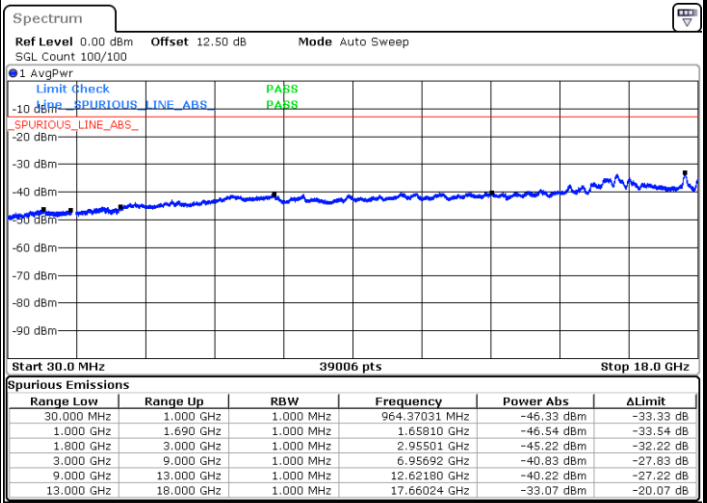
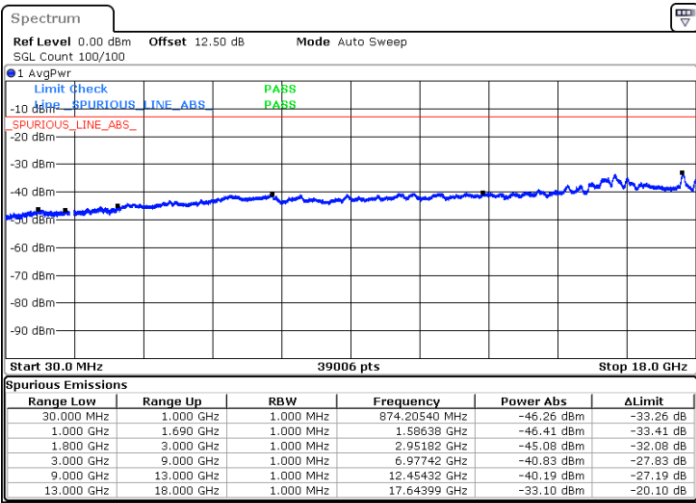


Date: 11.JUN.2024 21:43:32

Date: 11.JUN.2024 21:51:20

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 21:59:45

Date: 11.JUN.2024 21:58:13

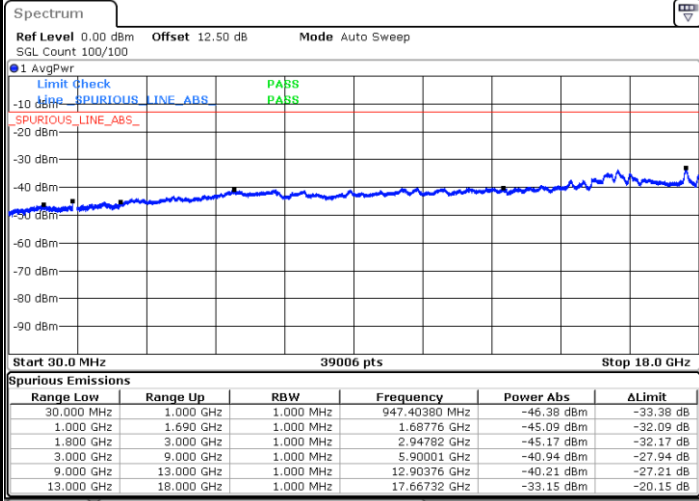


LTE Band 66C / 20MHz+5MHz

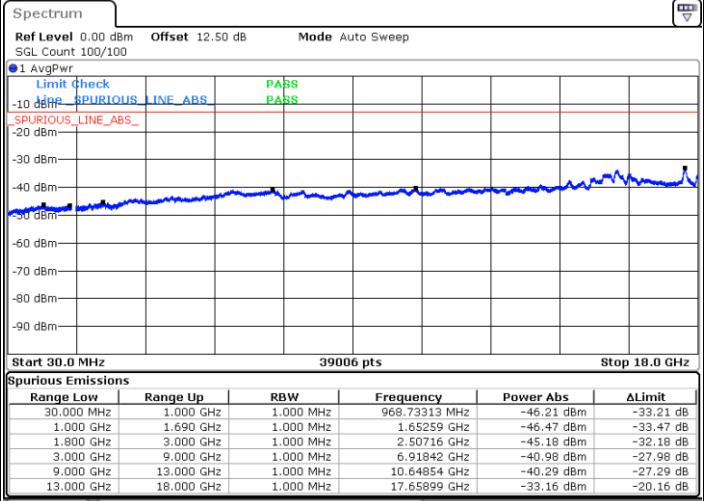
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 19:58:34



Date: 11.JUN.2024 20:06:15

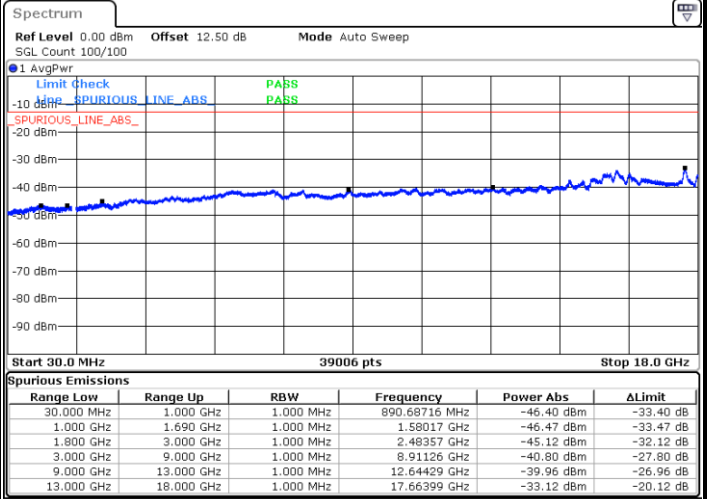
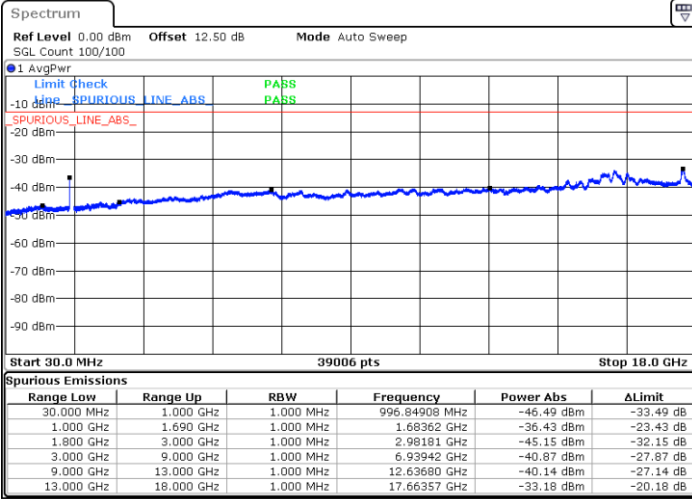


LTE Band 66C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

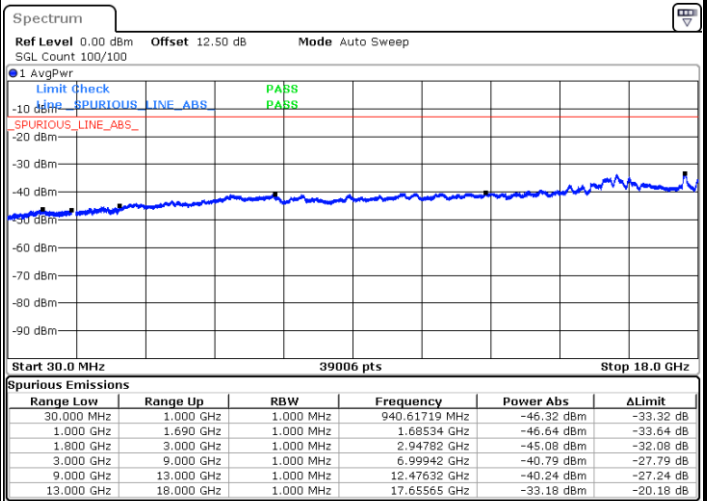
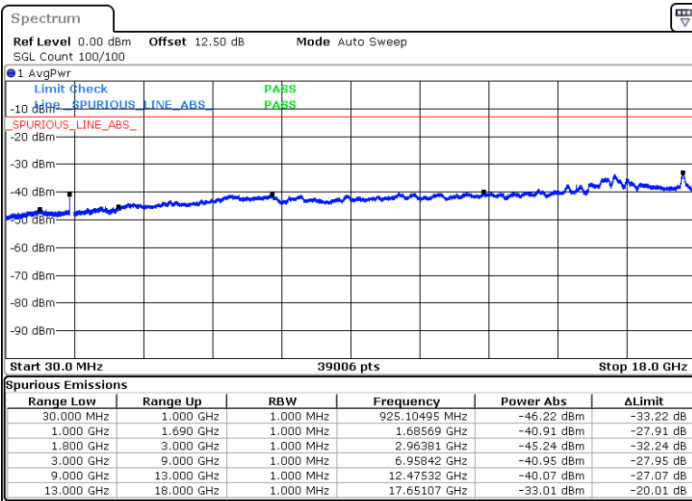


Date: 11.JUN.2024 19:30:10

Date: 11.JUN.2024 19:37:52

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 19:44:54

Date: 11.JUN.2024 19:43:27

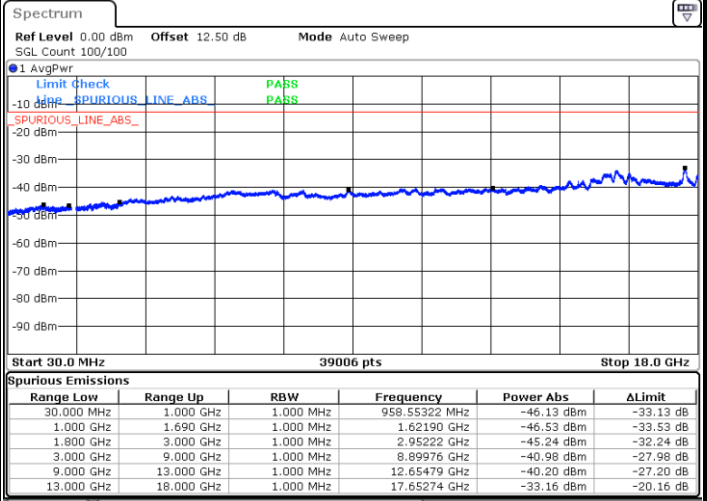
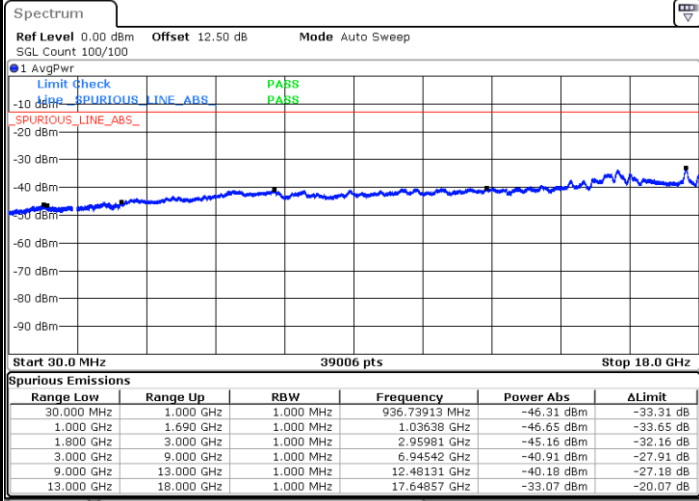


LTE Band 66C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 19:12:28

Date: 11.JUN.2024 19:20:02



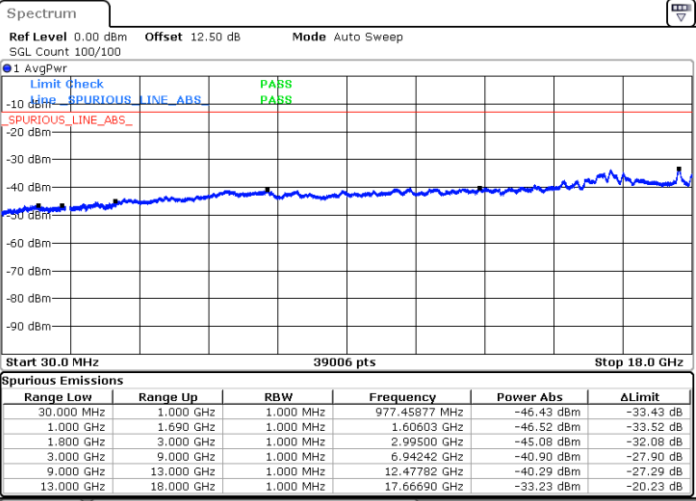
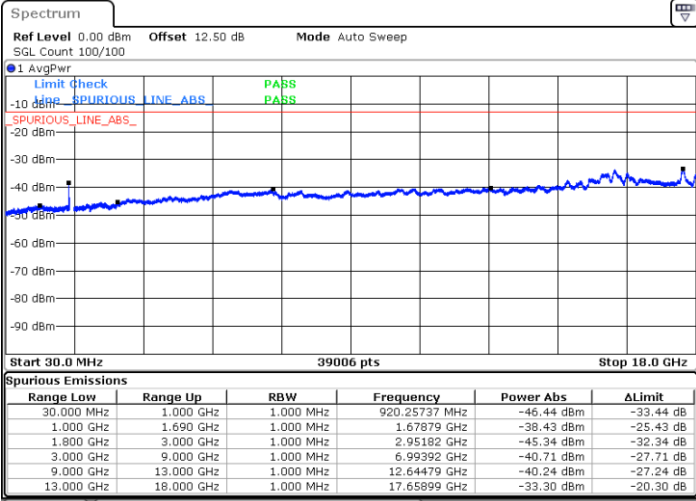


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

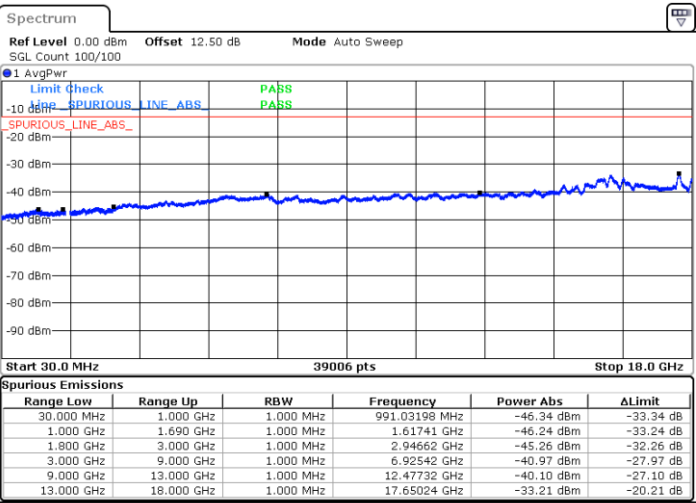
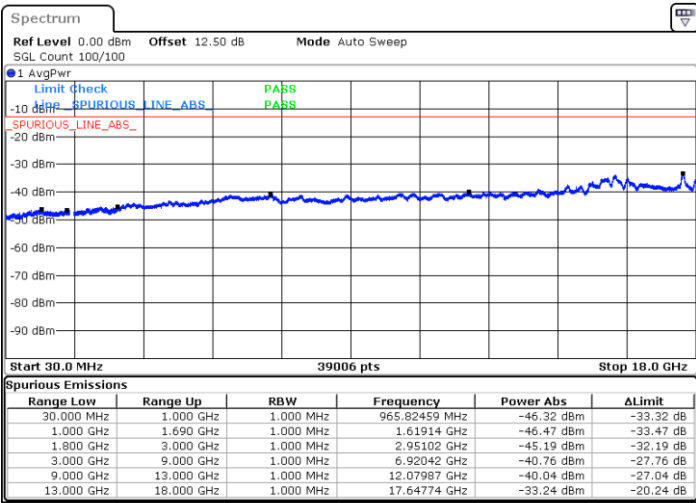


Date: 11.JUN.2024 18:44:08

Date: 11.JUN.2024 18:51:47

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 18:58:58

Date: 11.JUN.2024 18:57:26

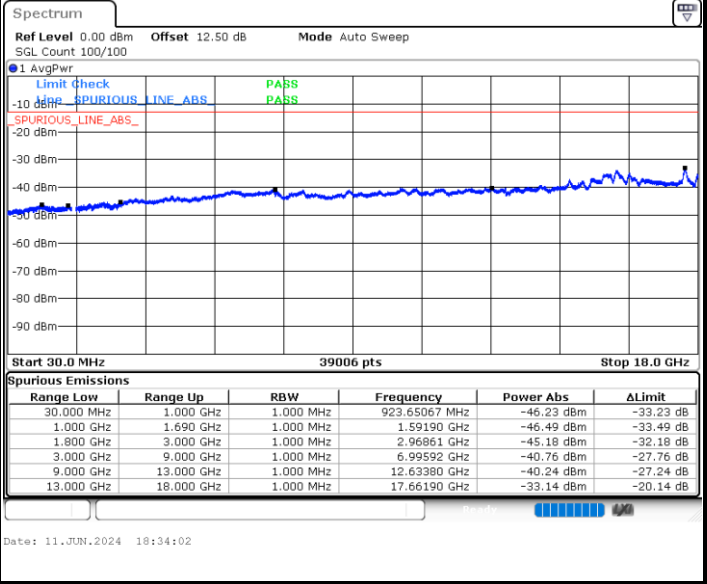
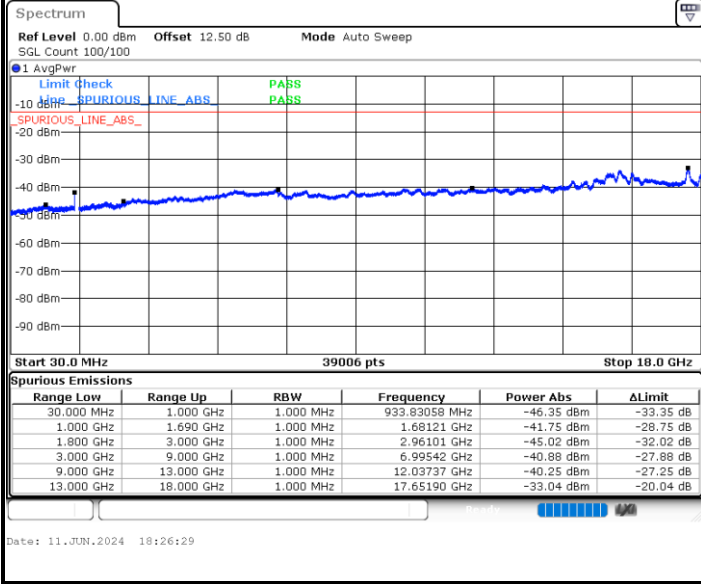


LTE Band 66C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



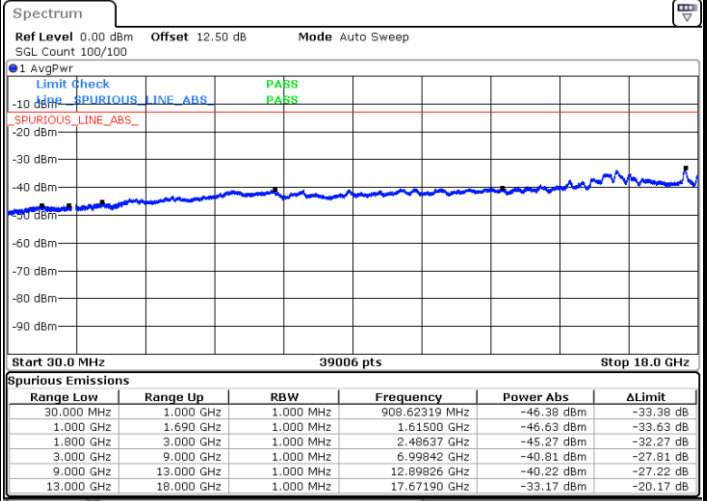
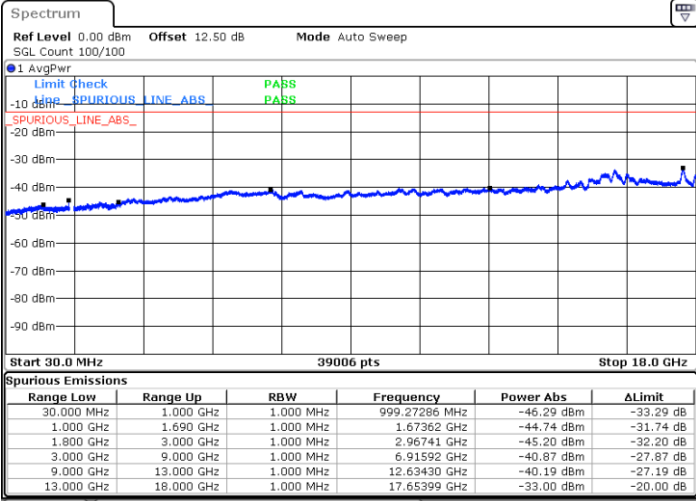


LTE Band 66C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

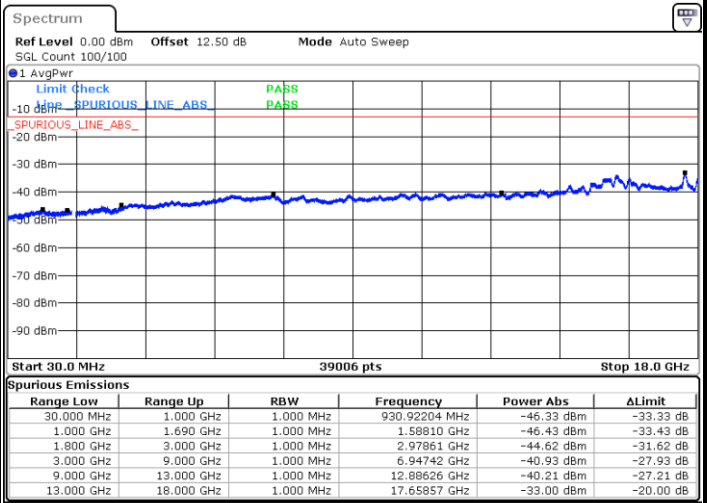
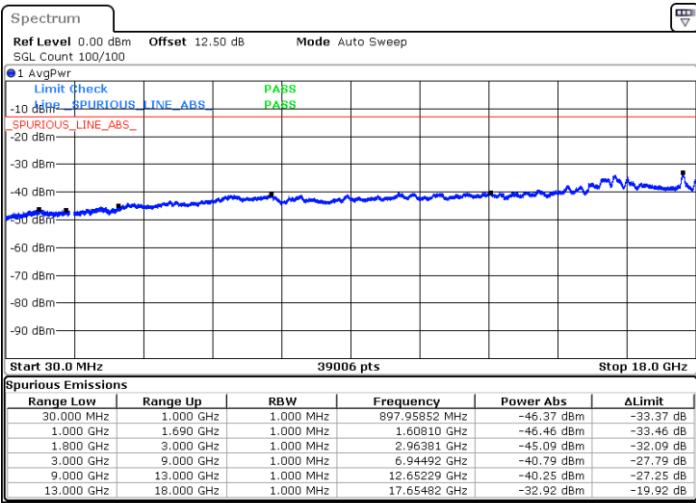


Date: 11.JUN.2024 17:59:03

Date: 11.JUN.2024 18:06:15

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 18:13:18

Date: 11.JUN.2024 18:11:43

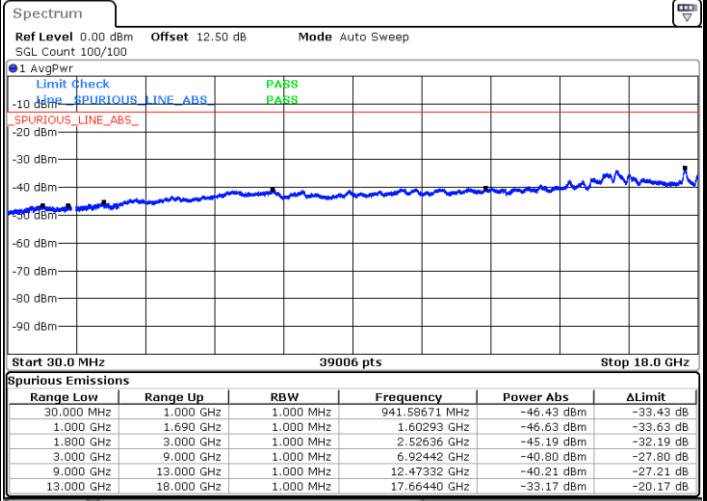
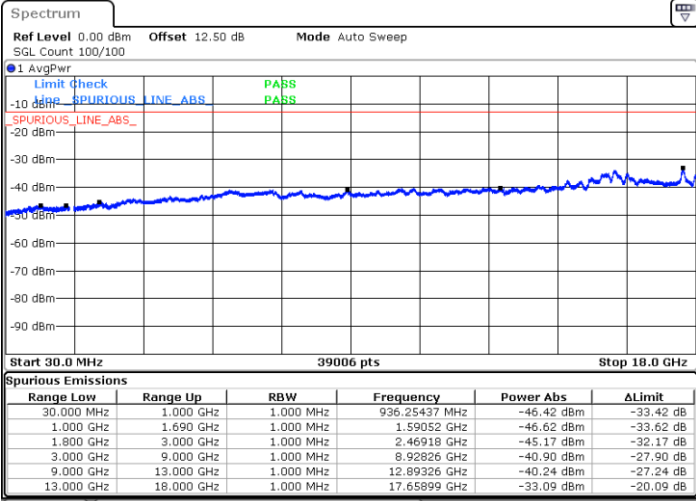


LTE Band 66C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 11.JUN.2024 17:42:11

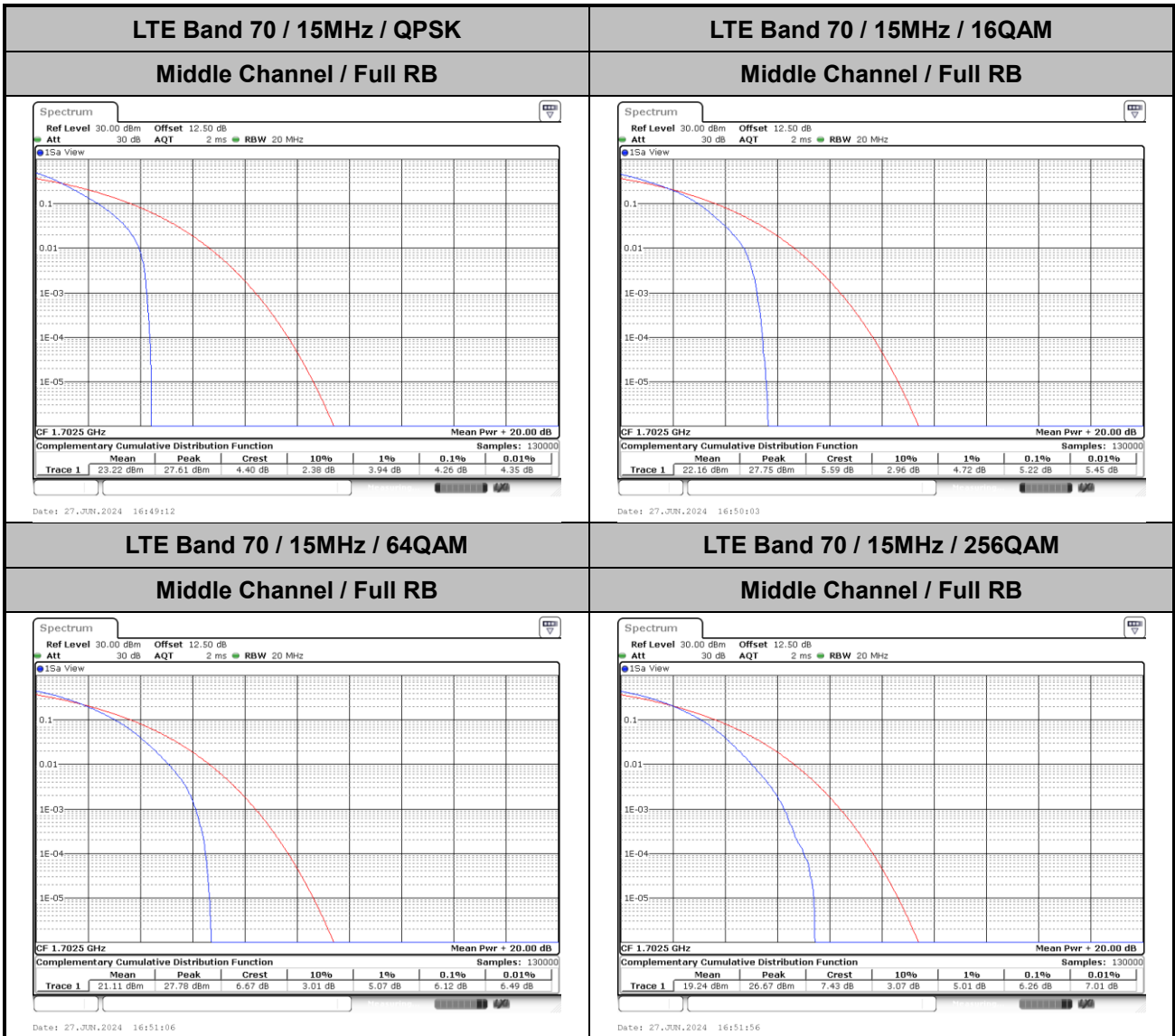
Date: 11.JUN.2024 17:49:14



# LTE Band 70

## Peak-to-Average Ratio

Mode	LTE Band 70 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.26	5.22	6.12	6.26	PASS





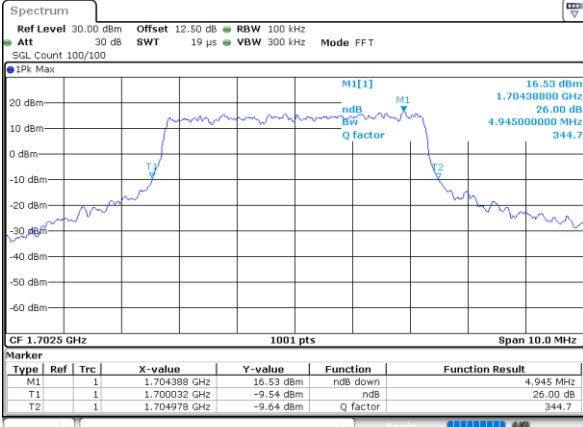
**26dB Bandwidth**

Mode	LTE Band 70 : 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	-	-	-	-	4.94	5.21	9.73	9.68	14.44	14.20	-	-
Mode	LTE Band 70 : 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	-	-	-	-	5.06	5.17	9.75	9.83	14.44	14.44	-	-



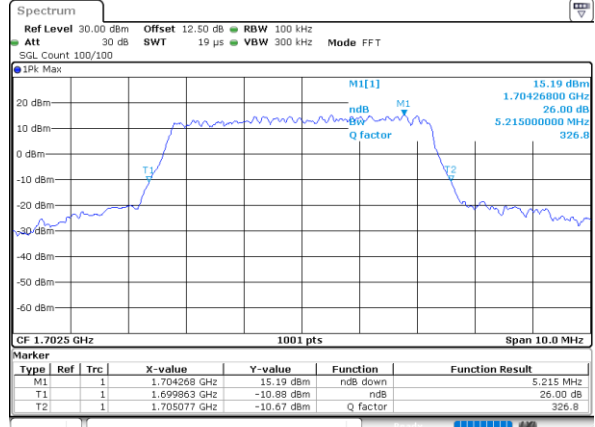
LTE Band 70

Middle Channel / 5MHz / QPSK



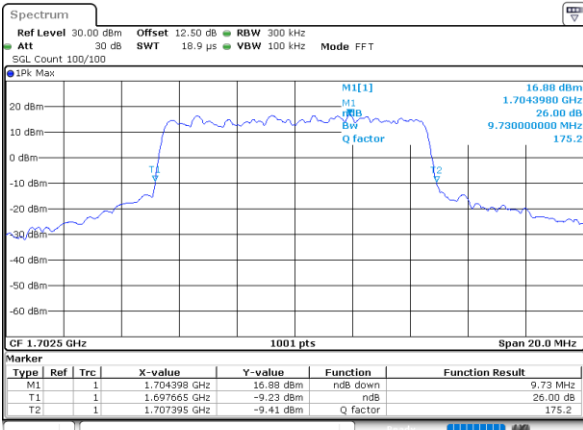
Date: 27 JUN 2024 15:39:30

Middle Channel / 5MHz / 16QAM



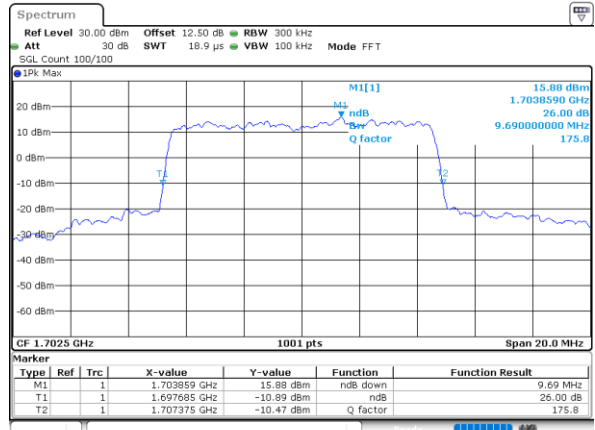
Date: 27 JUN 2024 15:40:10

Middle Channel / 10MHz / QPSK



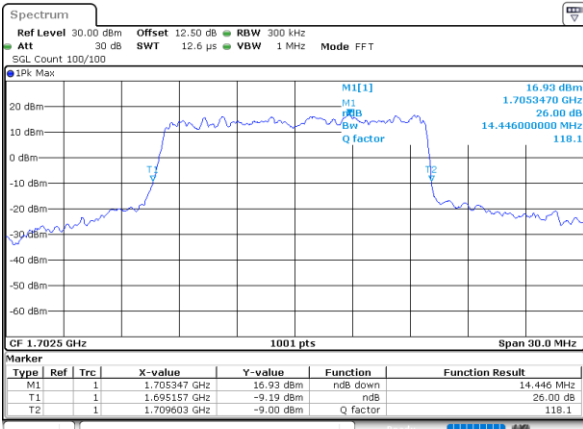
Date: 27 JUN 2024 16:11:40

Middle Channel / 10MHz / 16QAM



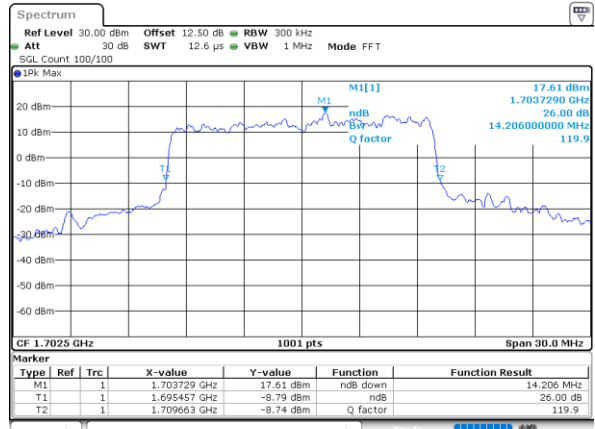
Date: 27 JUN 2024 16:12:26

Middle Channel / 15MHz / QPSK



Date: 27 JUN 2024 16:39:52

Middle Channel / 15MHz / 16QAM

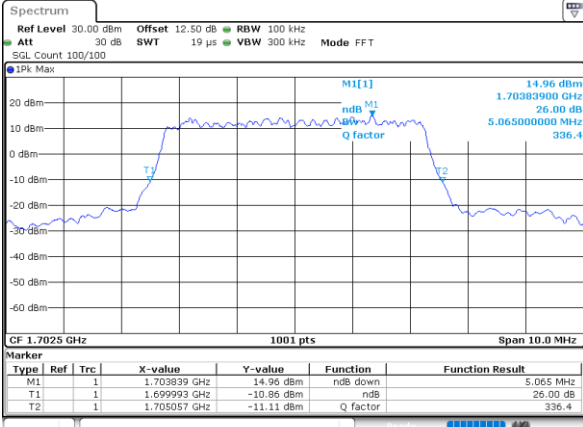


Date: 27 JUN 2024 16:40:40



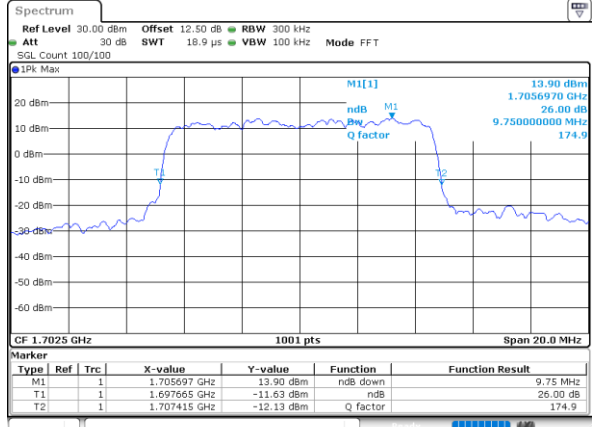
LTE Band 70

Middle Channel / 5MHz / 64QAM



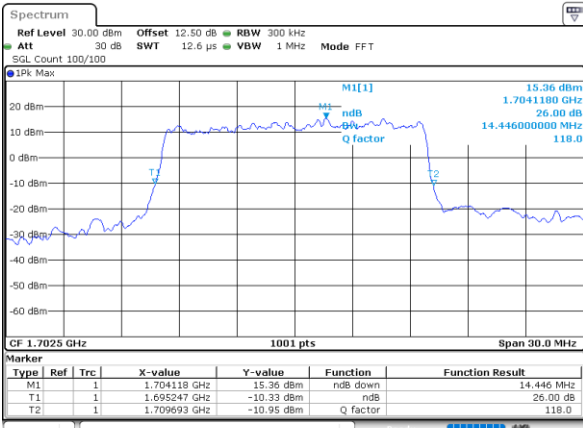
Date: 27 JUN 2024 15:40:50

Middle Channel / 10MHz / 64QAM



Date: 27 JUN 2024 16:13:16

Middle Channel / 15MHz / 64QAM



Date: 27 JUN 2024 16:41:25

N/A

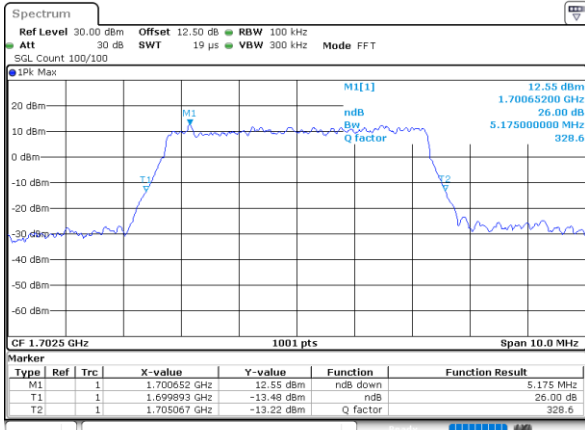
N/A





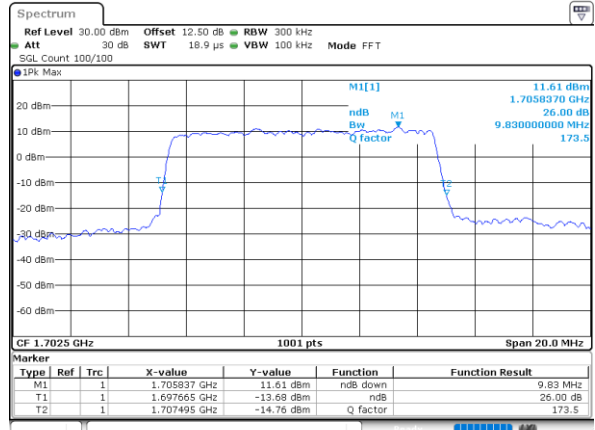
LTE Band 70

Middle Channel / 5MHz / 256QAM



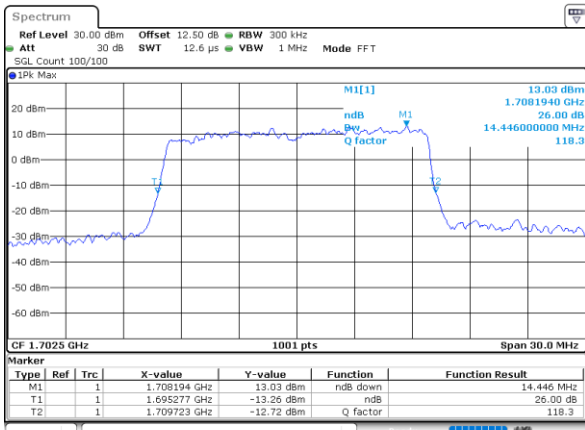
Date: 27 JUN 2024 15:41:30

Middle Channel / 10MHz / 256QAM



Date: 27 JUN 2024 16:14:00

Middle Channel / 15MHz / 256QAM



Date: 27 JUN 2024 16:42:08

N/A

N/A



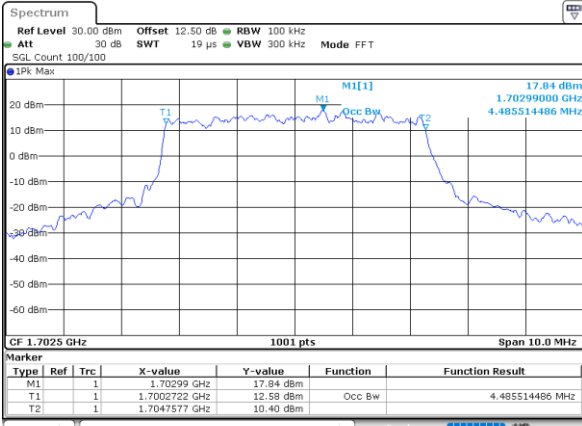
**Occupied Bandwidth**

Mode	LTE Band 70 : 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	-	-	-	-	4.48	4.50	9.07	9.03	13.42	13.48	-	-
Mode												
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	4.49	9.01	9.09	13.39	13.48	-	-



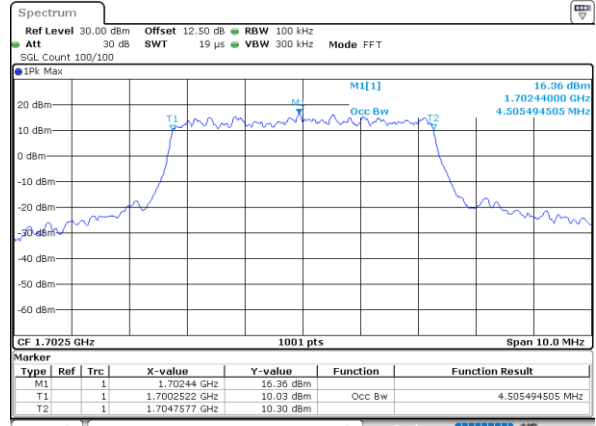
LTE Band 70

Middle Channel / 5MHz / QPSK



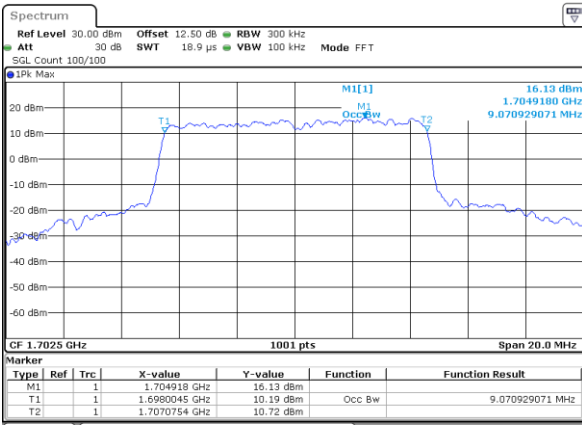
Date: 27 JUN 2024 15:36:30

Middle Channel / 5MHz / 16QAM



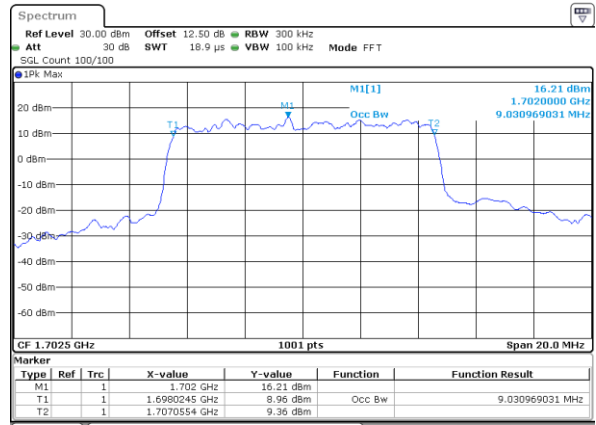
Date: 27 JUN 2024 15:37:12

Middle Channel / 10MHz / QPSK



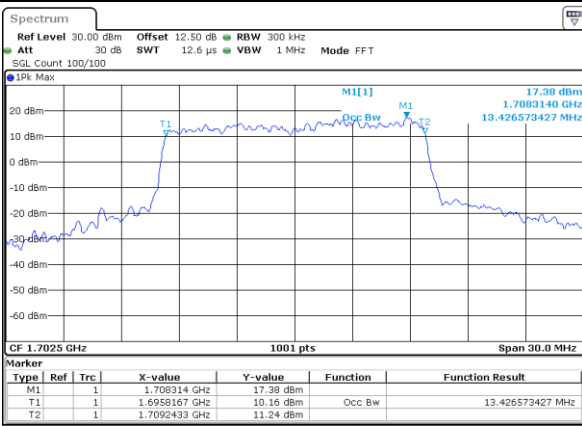
Date: 27 JUN 2024 16:08:05

Middle Channel / 10MHz / 16QAM



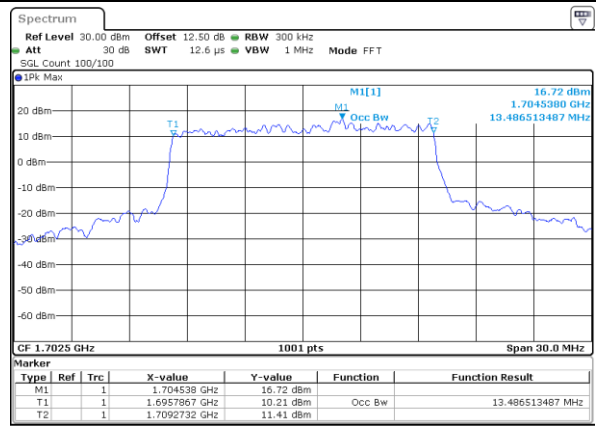
Date: 27 JUN 2024 16:09:19

Middle Channel / 15MHz / QPSK



Date: 27 JUN 2024 16:36:58

Middle Channel / 15MHz / 16QAM

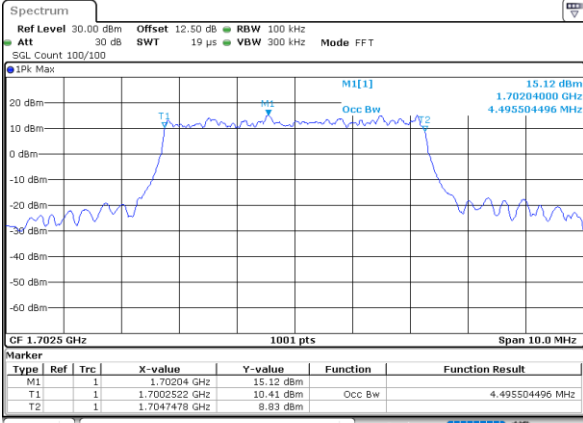


Date: 27 JUN 2024 16:37:43



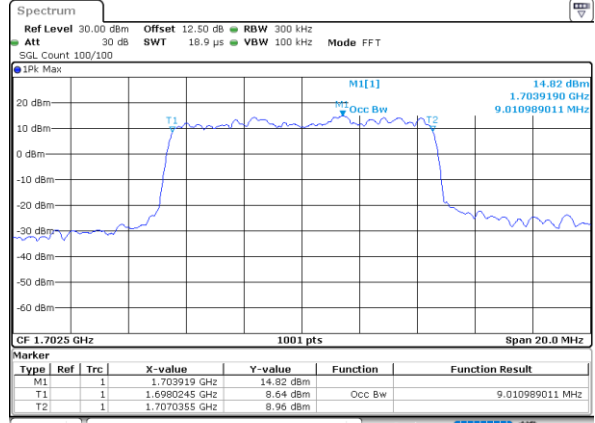
LTE Band 70

Middle Channel / 5MHz / 64QAM



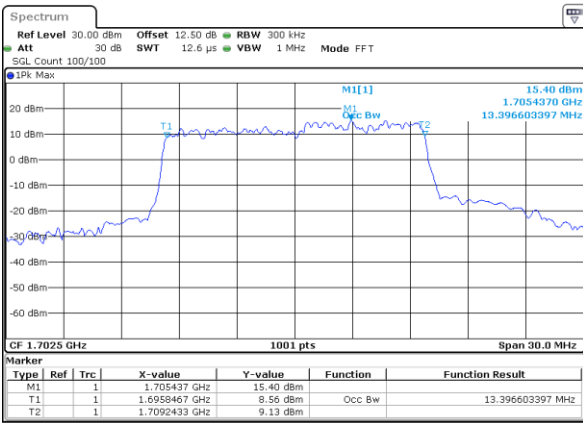
Date: 27 JUN 2024 15:37:54

Middle Channel / 10MHz / 64QAM



Date: 27 JUN 2024 16:10:07

Middle Channel / 15MHz / 64QAM



Date: 27 JUN 2024 16:38:28

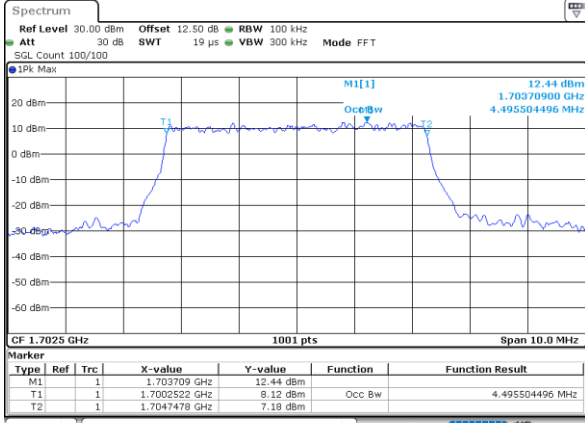
N/A

N/A



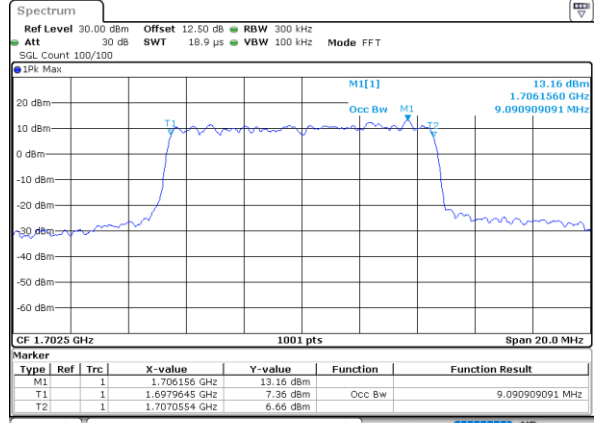
LTE Band 70

Middle Channel / 5MHz / 256QAM



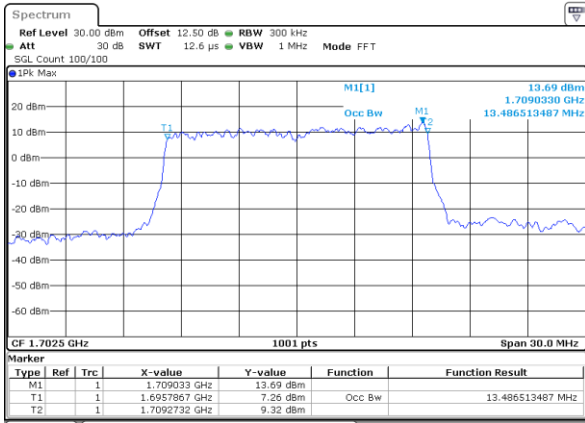
Date: 27 JUN 2024 15:38:41

Middle Channel / 10MHz / 256QAM



Date: 27 JUN 2024 16:10:56

Middle Channel / 15MHz / 256QAM



Date: 27 JUN 2024 16:39:11

N/A

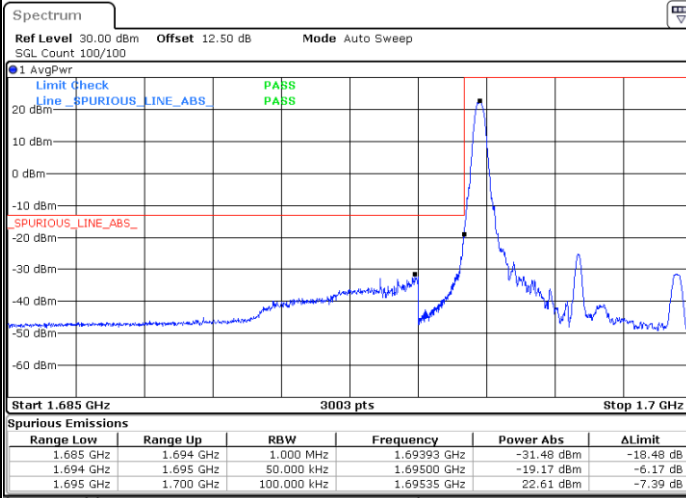
N/A



# Conducted Band Edge

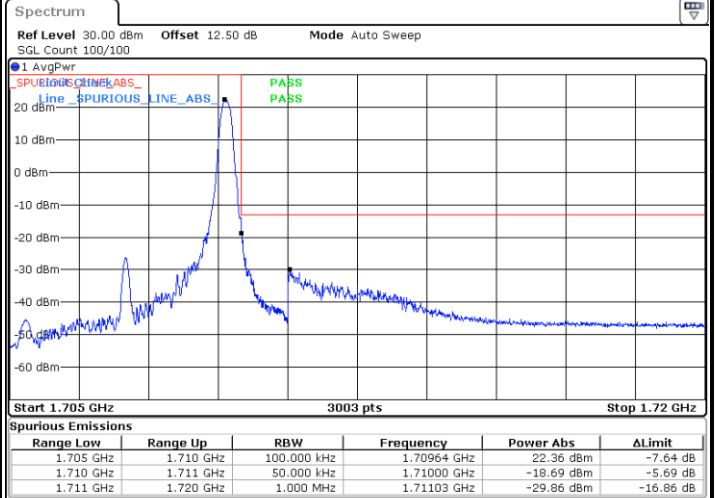
## LTE Band 70 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



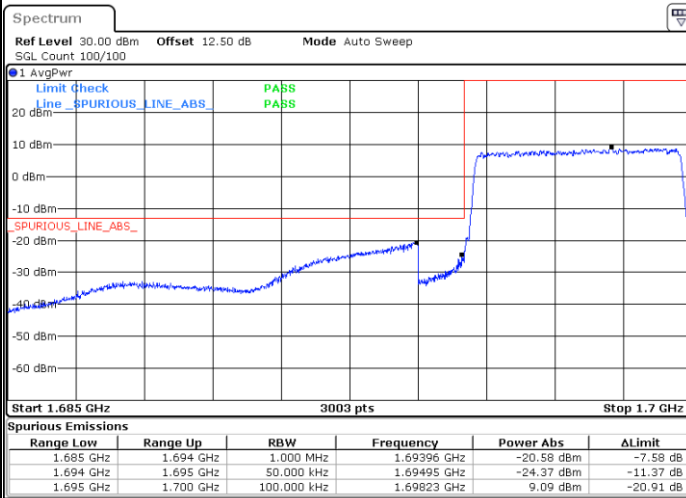
Date: 27.JUN.2024 15:19:11

### Highest Band Edge / 1 RB



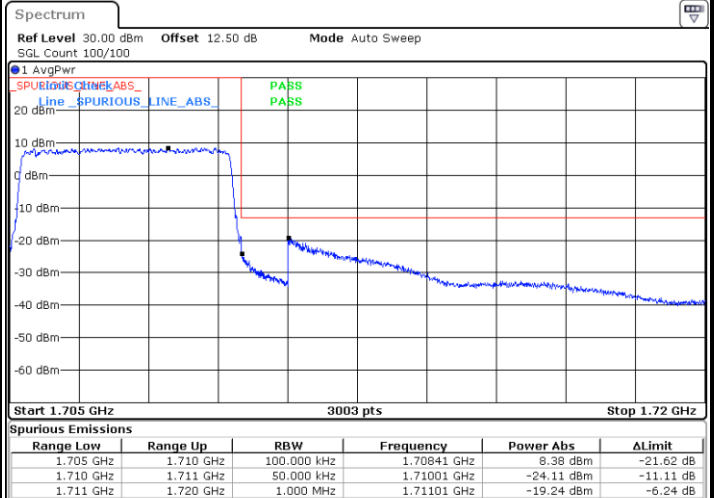
Date: 27.JUN.2024 15:28:03

### Lowest Band Edge / Full RB



Date: 27.JUN.2024 15:23:40

### Highest Band Edge / Full RB

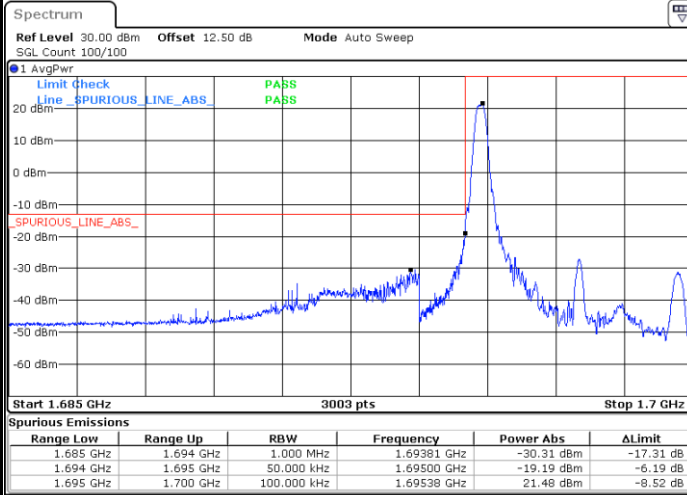


Date: 27.JUN.2024 15:32:31



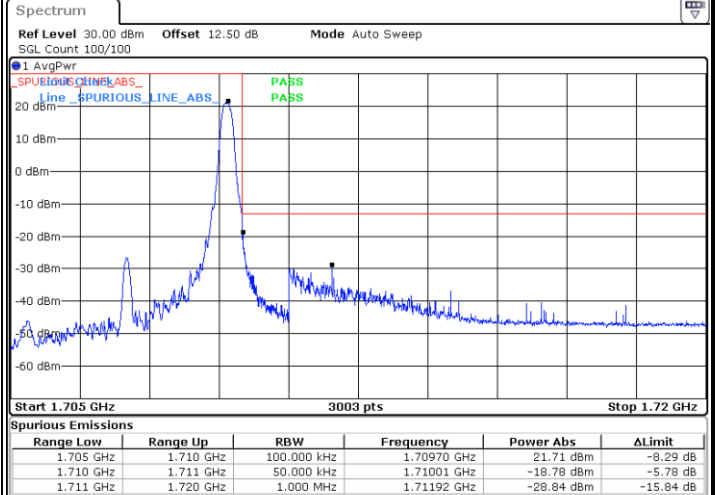
LTE Band 70 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



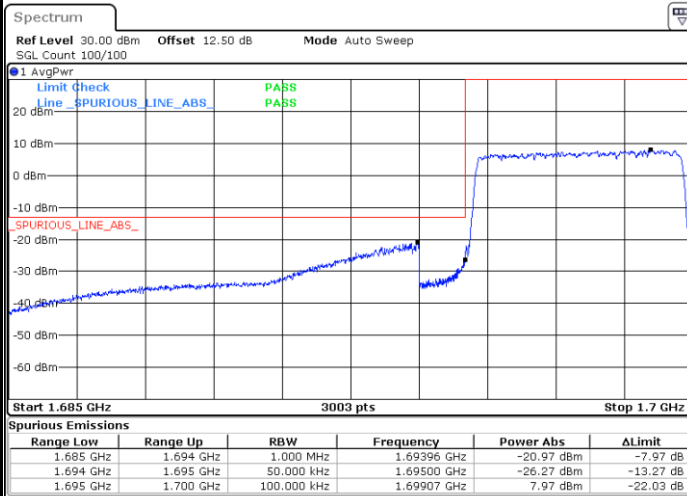
Date: 27.JUN.2024 15:20:16

Highest Band Edge / 1 RB



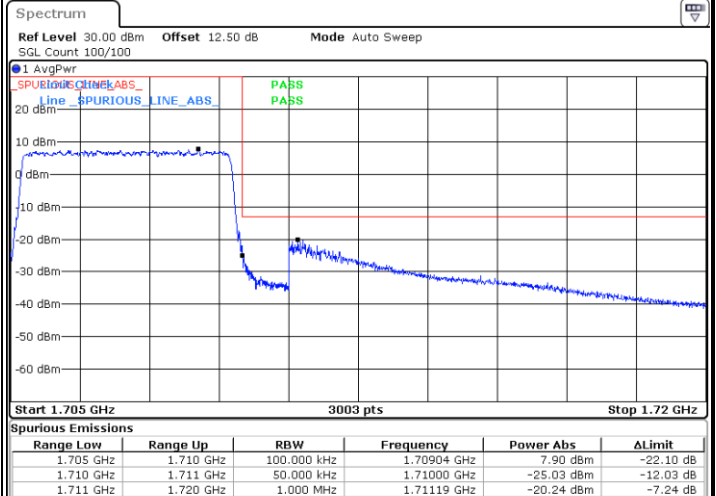
Date: 27.JUN.2024 15:29:11

Lowest Band Edge / Full RB



Date: 27.JUN.2024 15:24:46

Highest Band Edge / Full RB

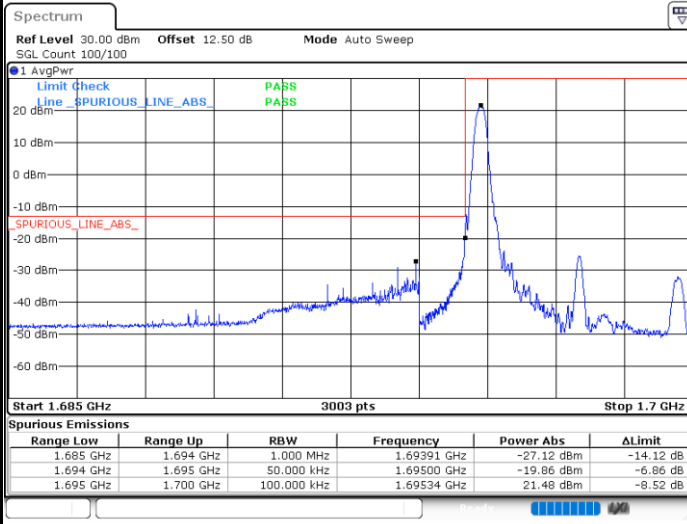


Date: 27.JUN.2024 15:33:37



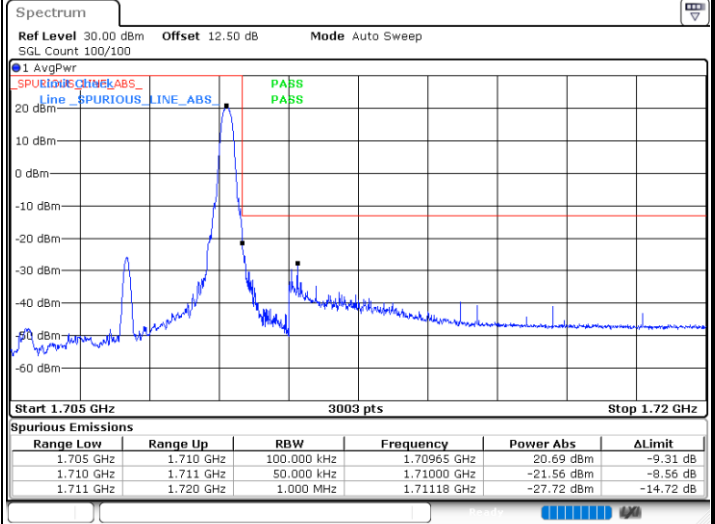
LTE Band 70 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



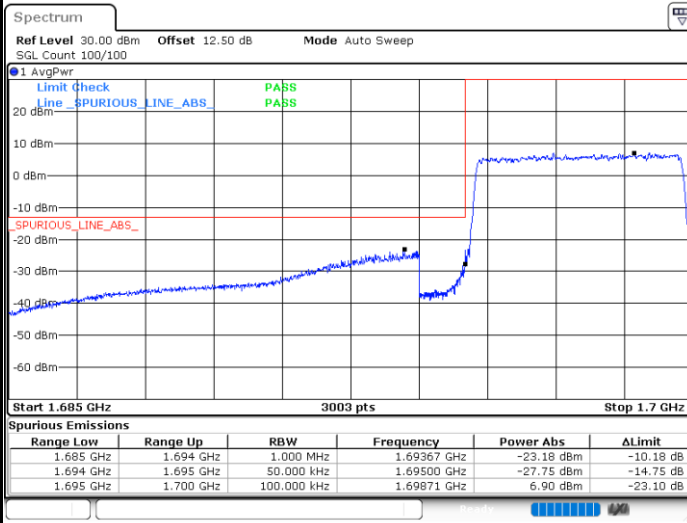
Date: 27 JUN 2024 15:21:23

Highest Band Edge / 1 RB



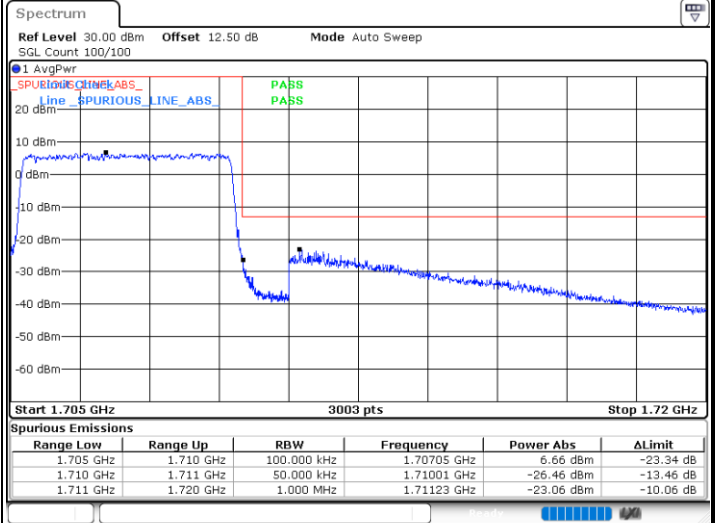
Date: 27 JUN 2024 15:30:20

Lowest Band Edge / Full RB



Date: 27 JUN 2024 15:25:53

Highest Band Edge / Full RB



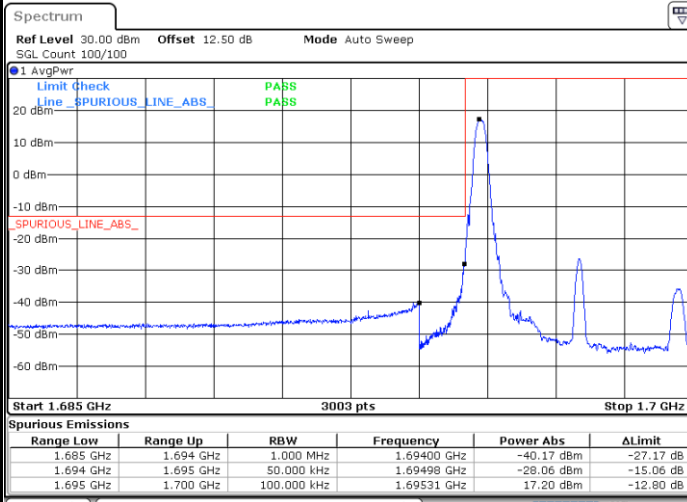
Date: 27 JUN 2024 15:34:43





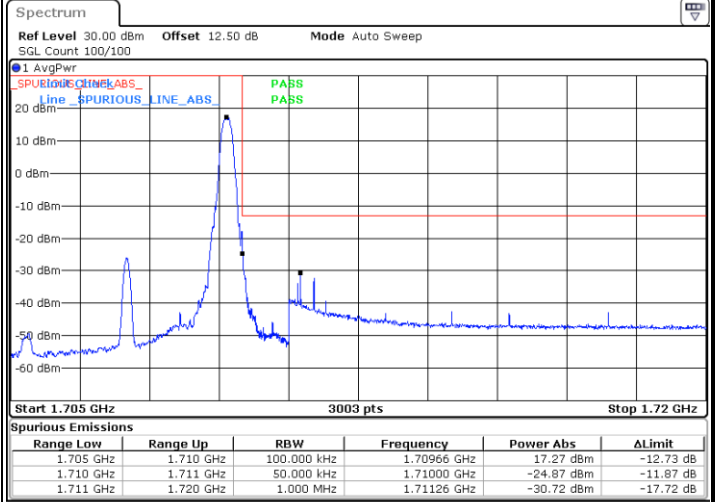
LTE Band 70 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



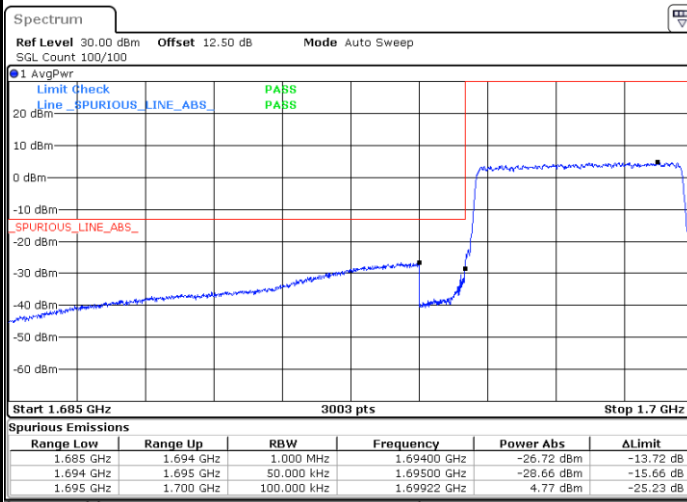
Date: 27.JUN.2024 15:22:30

Highest Band Edge / 1 RB



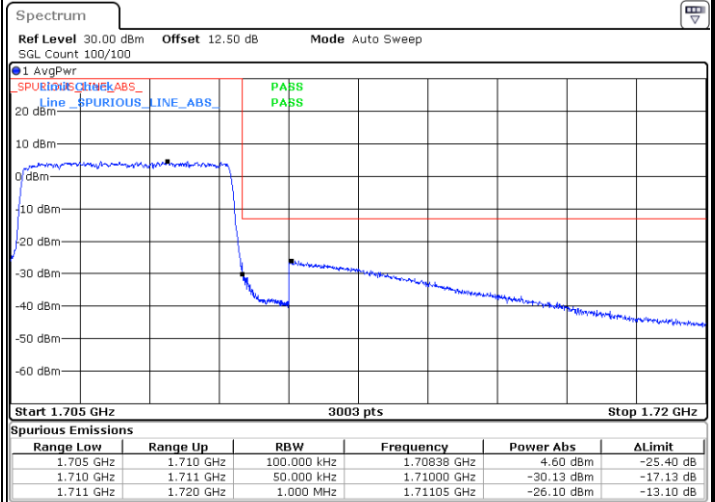
Date: 27.JUN.2024 15:31:25

Lowest Band Edge / Full RB



Date: 27.JUN.2024 15:26:58

Highest Band Edge / Full RB

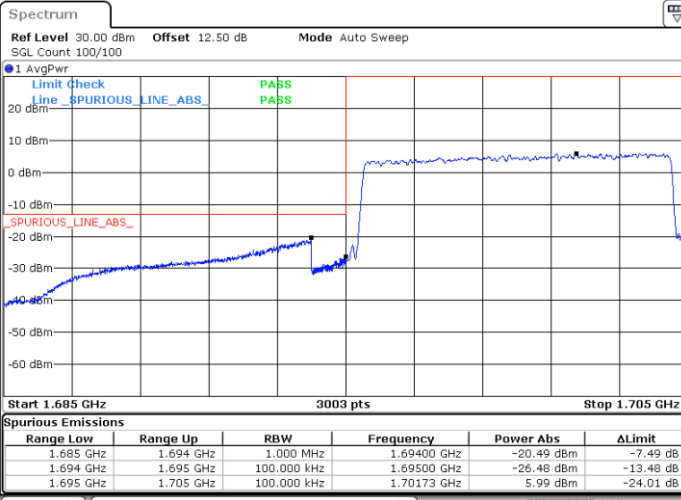


Date: 27.JUN.2024 15:35:48



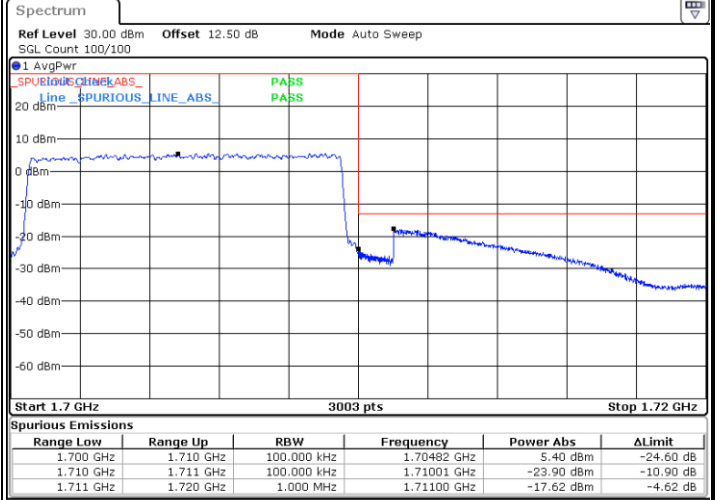
LTE Band 70 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.JUN.2024 15:55:11

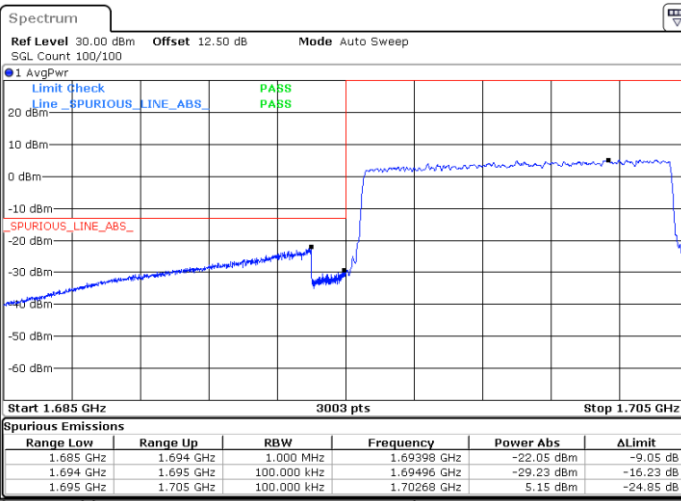
Highest Band Edge / Full RB



Date: 27.JUN.2024 16:04:25

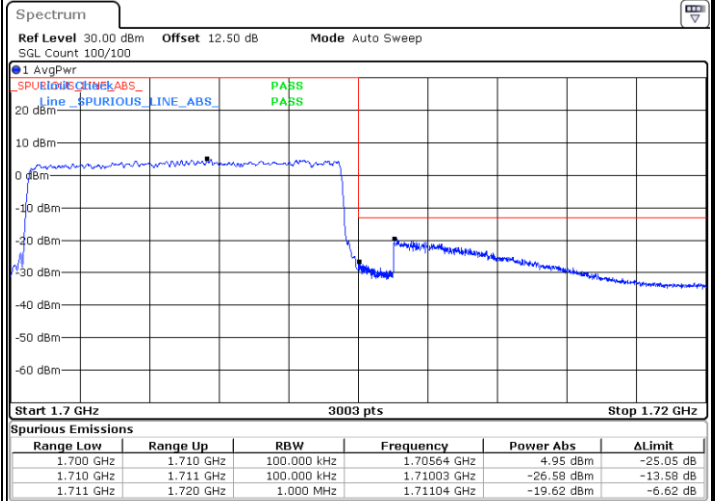
LTE Band 70 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.JUN.2024 15:56:19

Highest Band Edge / Full RB

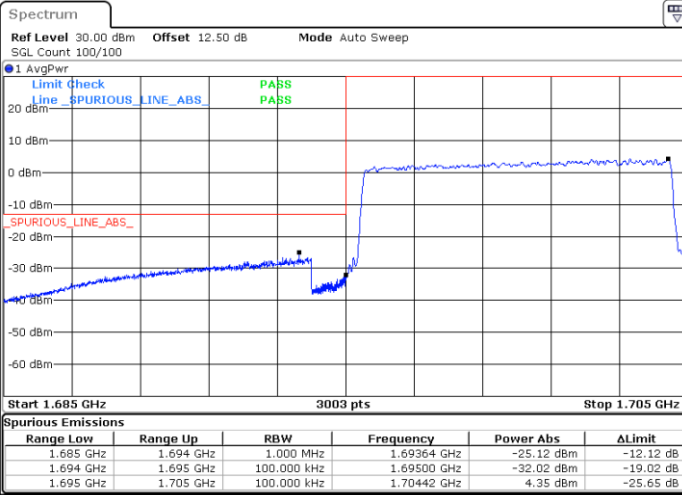


Date: 27.JUN.2024 16:05:33



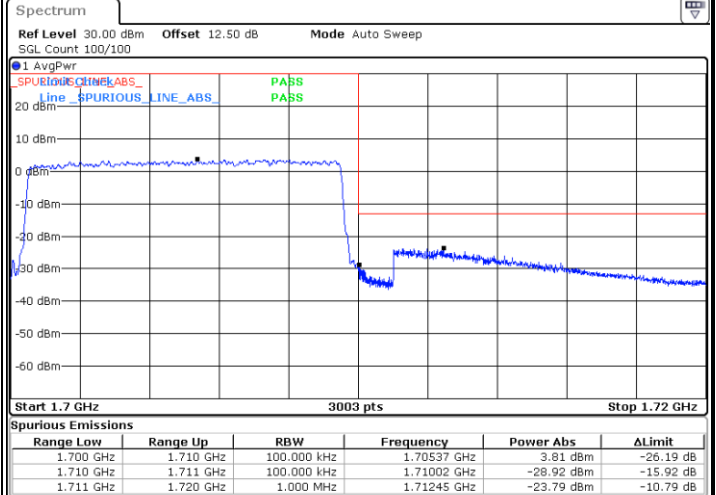
LTE Band 70 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.JUN.2024 15:57:26

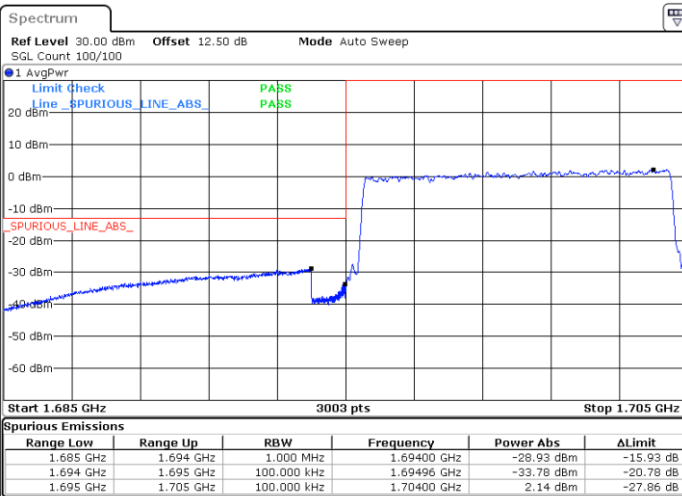
Highest Band Edge / Full RB



Date: 27.JUN.2024 16:06:40

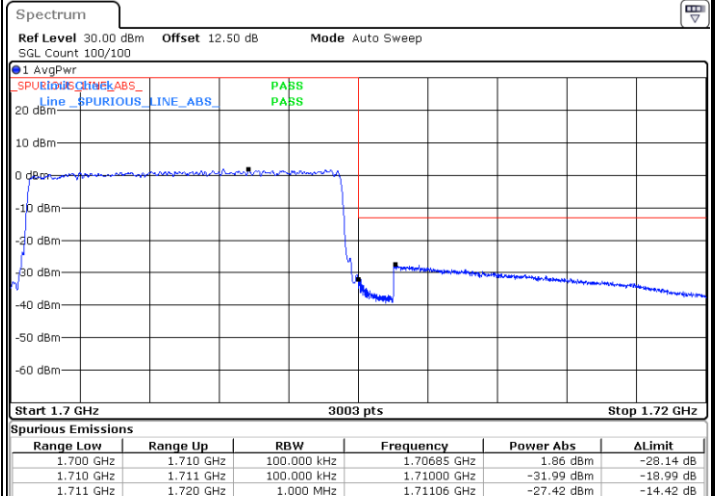
LTE Band 70 / 10MHz / 256QAM

Lowest Band Edge / Full RB

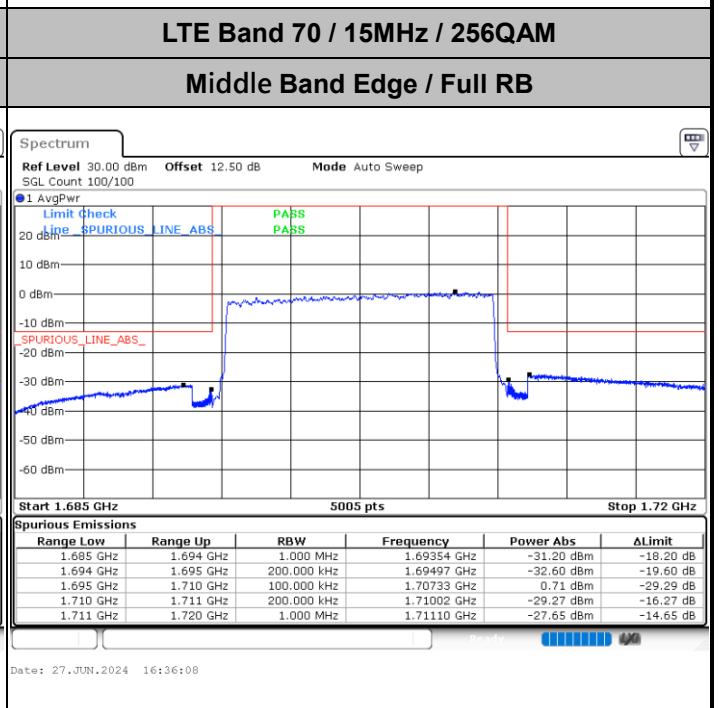
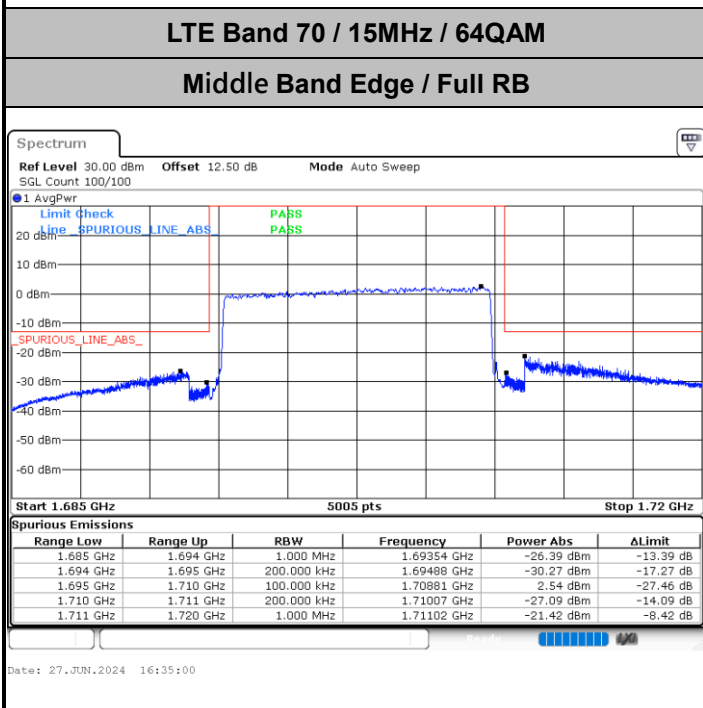
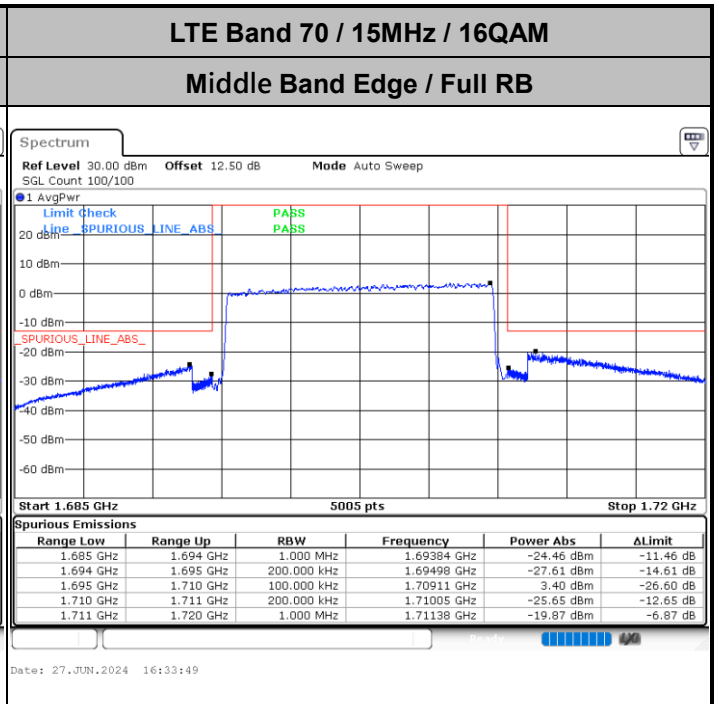
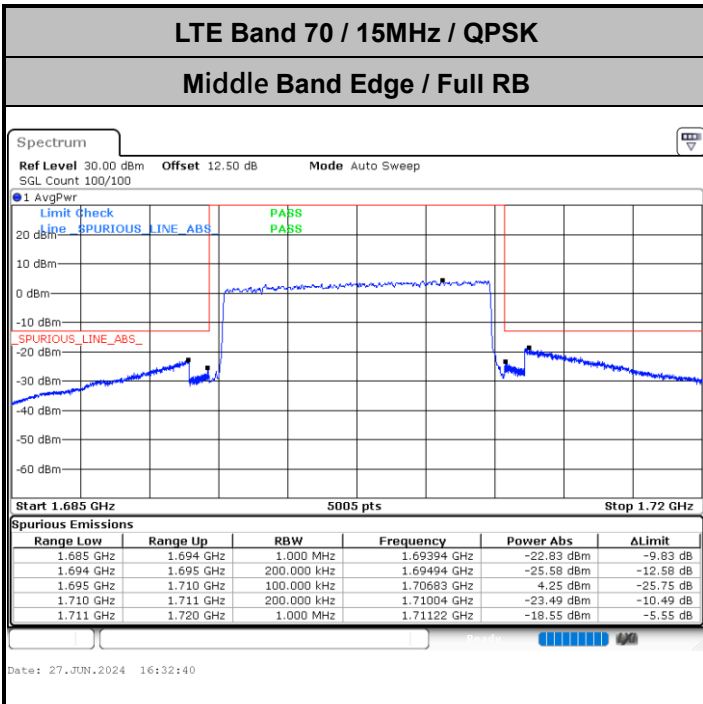


Date: 27.JUN.2024 15:58:35

Highest Band Edge / Full RB



Date: 27.JUN.2024 16:07:49



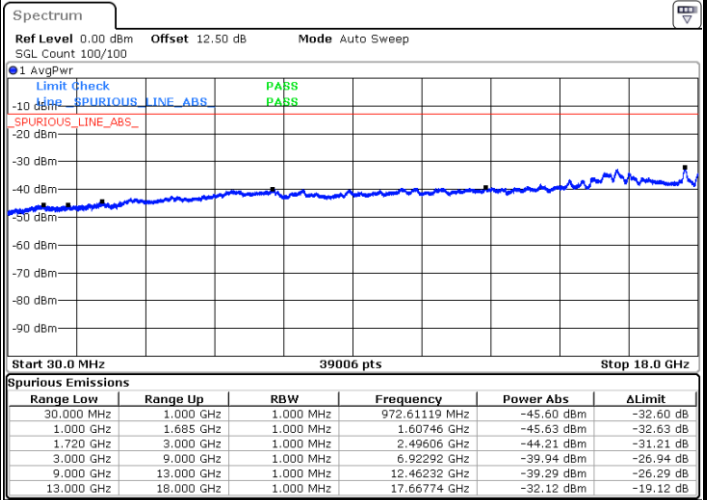
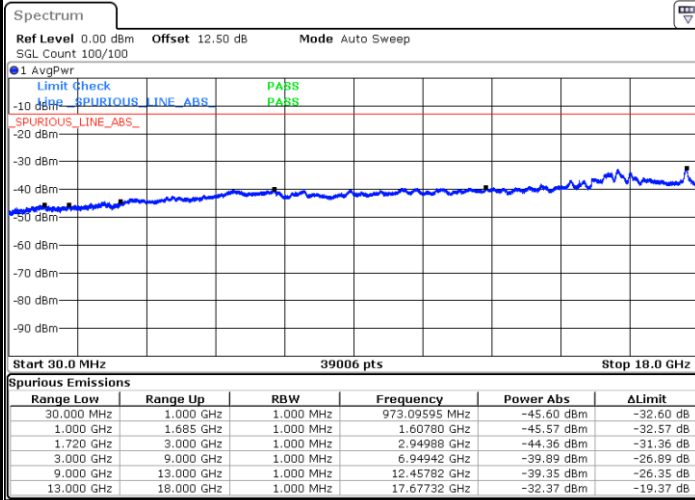


# Conducted Spurious Emission

## LTE Band 70 / 5MHz

### Lowest Channel / QPSK

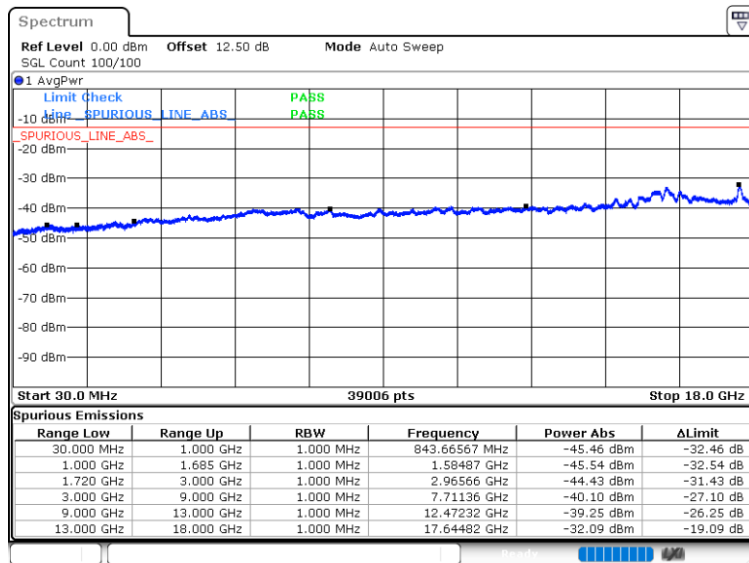
### Middle Channel / QPSK



Date: 27.JUN.2024 17:48:27

Date: 27.JUN.2024 17:49:53

### Highest Channel / QPSK



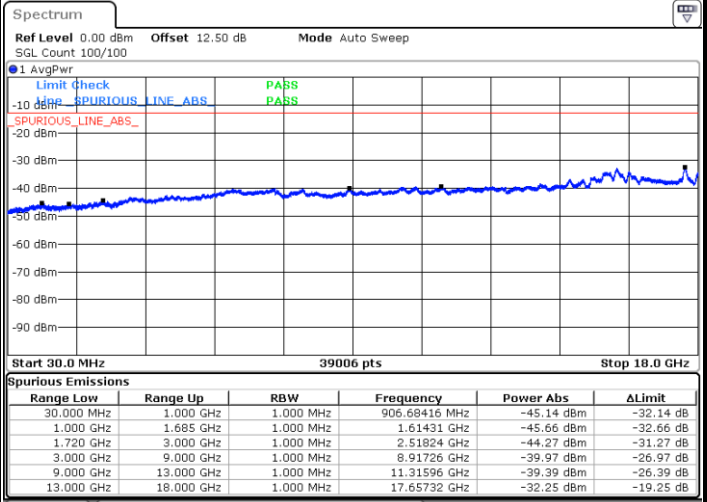
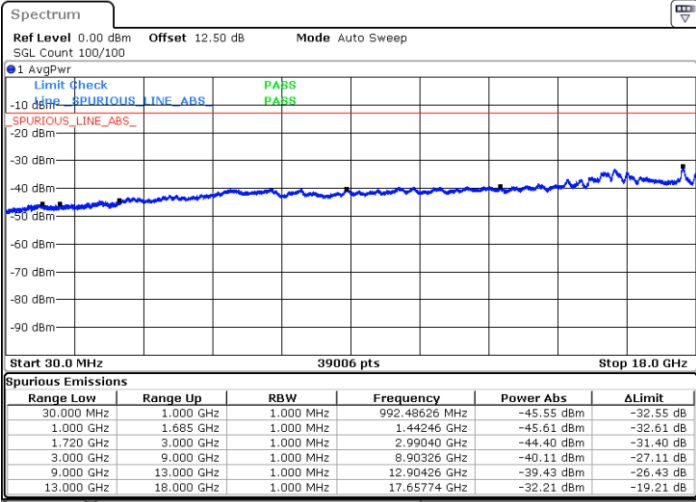
Date: 27.JUN.2024 17:51:13



LTE Band 70 / 10MHz

Lowest Channel / QPSK

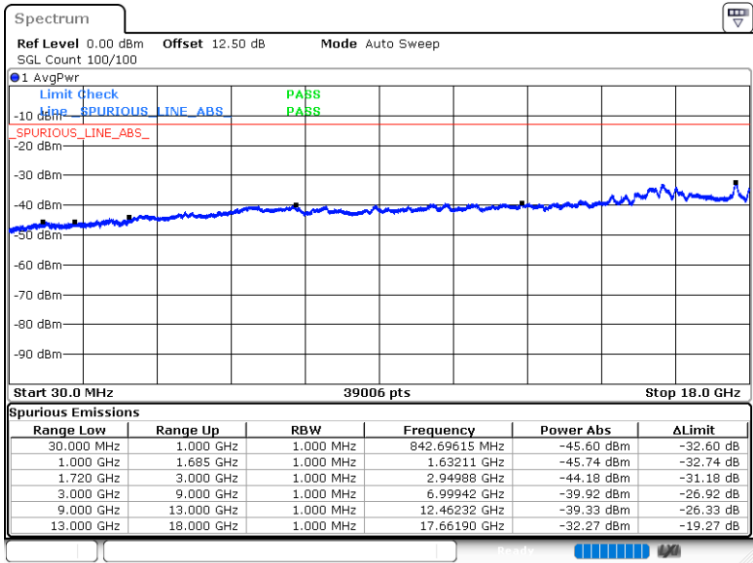
Middle Channel / QPSK



Date: 27.JUN.2024 17:52:38

Date: 27.JUN.2024 17:54:02

Highest Channel / QPSK

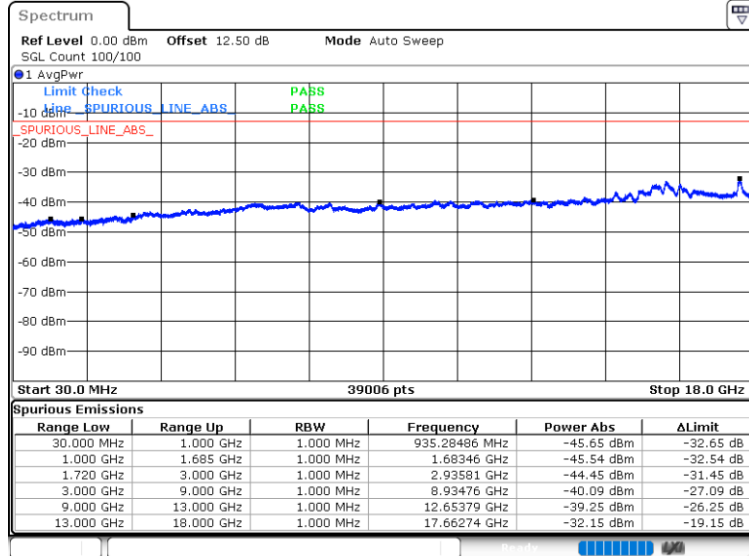


Date: 27.JUN.2024 17:55:29



LTE Band 70 / 15MHz

Middle Channel / QPSK



Date: 27.JUN.2024 17:45:59



### Frequency Stability

Test Conditions		LTE Band 70 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0054	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

**Note:**

- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.