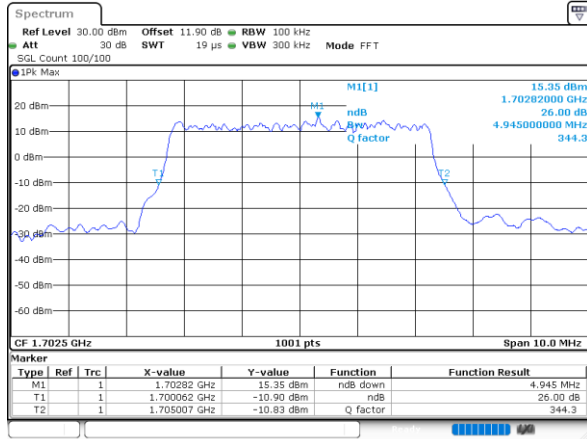


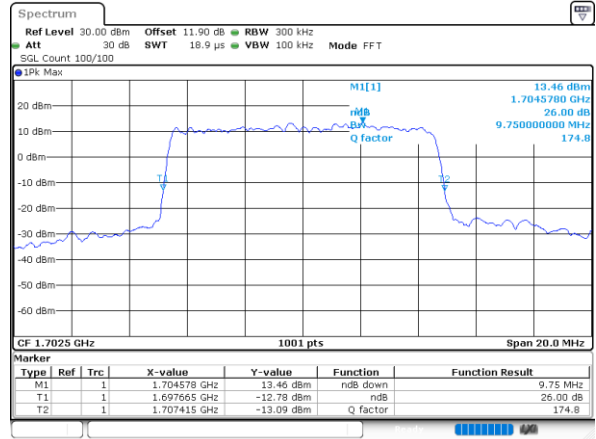


LTE Band 70

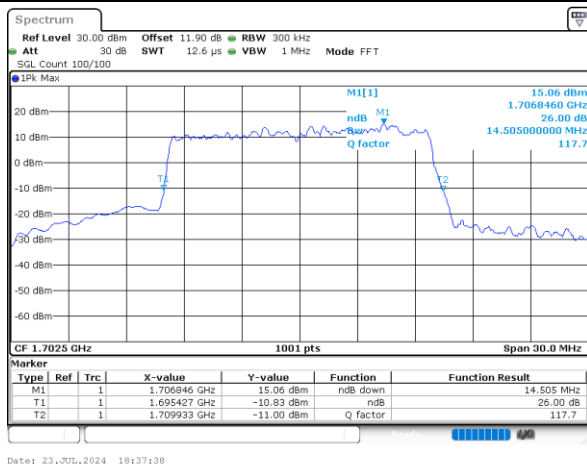
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



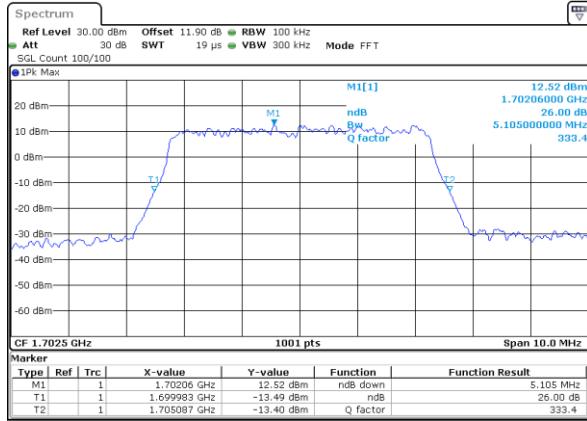
N/A

N/A



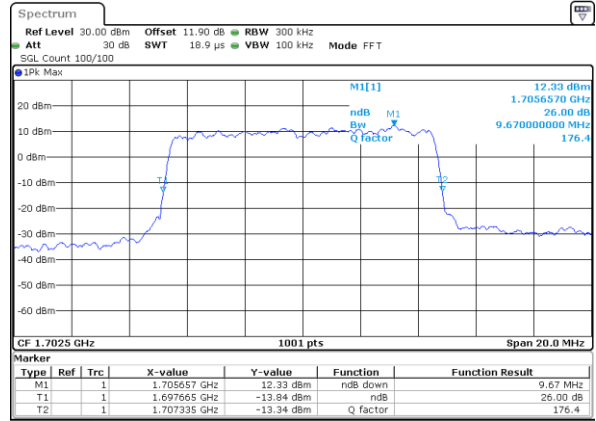
LTE Band 70

Middle Channel / 5MHz / 256QAM



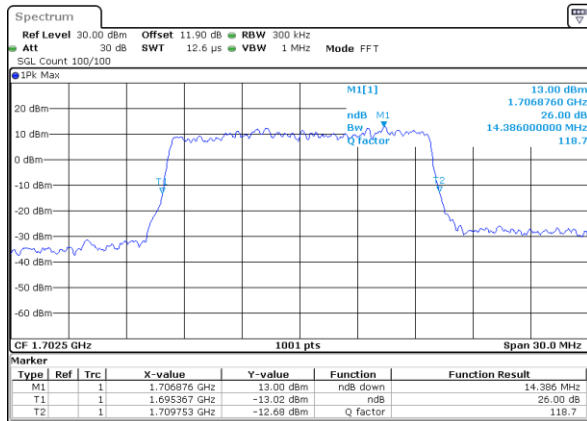
Date: 23.JUL.2024 17:59:30

Middle Channel / 10MHz / 256QAM



Date: 23.JUL.2024 18:25:25

Middle Channel / 15MHz / 256QAM



Date: 23.JUL.2024 18:38:05

N/A

N/A

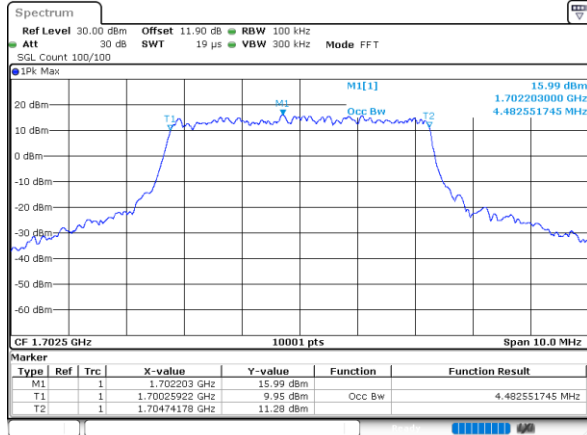
**Occupied Bandwidth**

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	4.47	9.07	9.07	13.44	13.47	-	-
Mode												
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.48	4.48	9.00	9.00	13.48	13.40	-	-



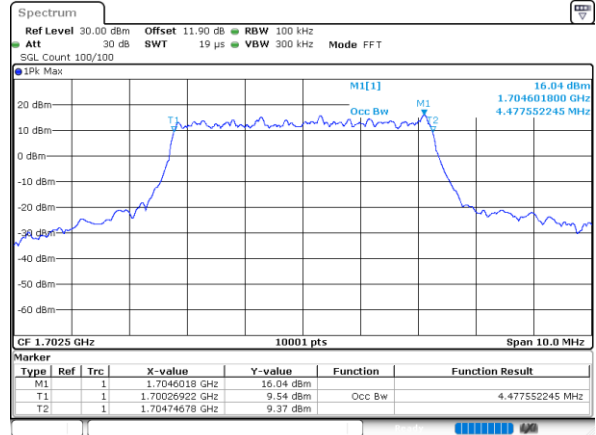
LTE Band 70

Middle Channel / 5MHz / QPSK



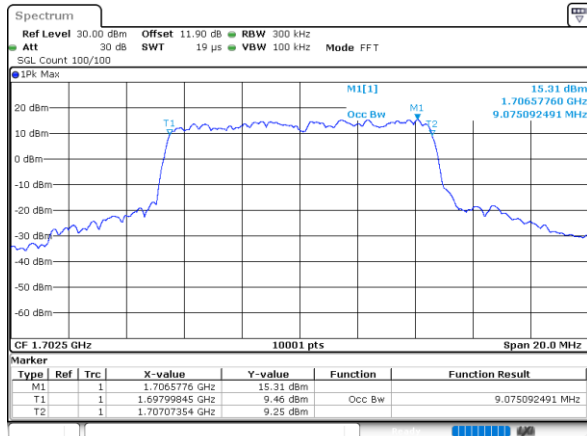
Date: 23.JUL.2024 17:56:30

Middle Channel / 5MHz / 16QAM



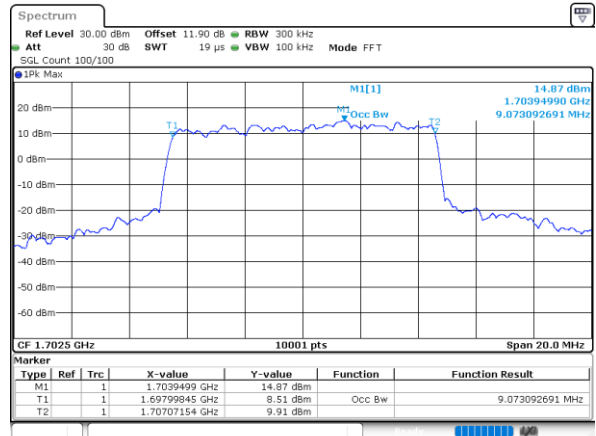
Date: 23.JUL.2024 17:56:55

Middle Channel / 10MHz / QPSK



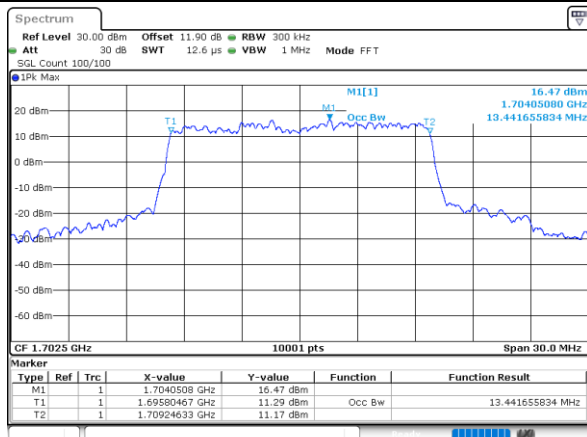
Date: 23.JUL.2024 18:22:12

Middle Channel / 10MHz / 16QAM



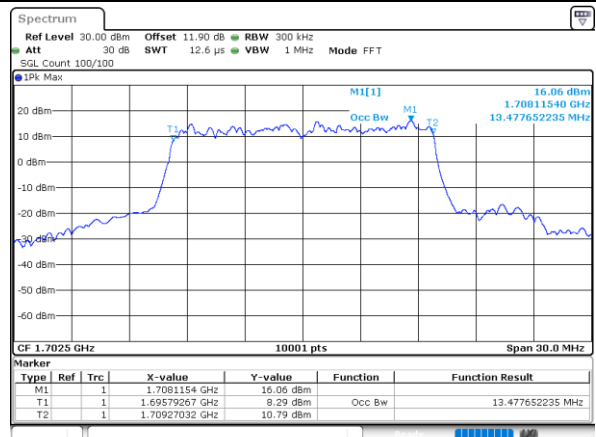
Date: 23.JUL.2024 18:22:40

Middle Channel / 15MHz / QPSK



Date: 23.JUL.2024 18:34:52

Middle Channel / 15MHz / 16QAM

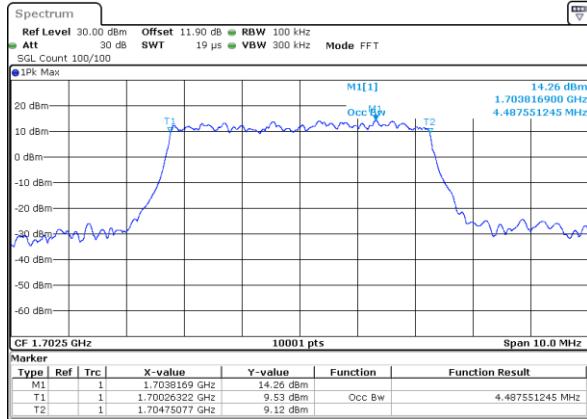


Date: 23.JUL.2024 18:35:20

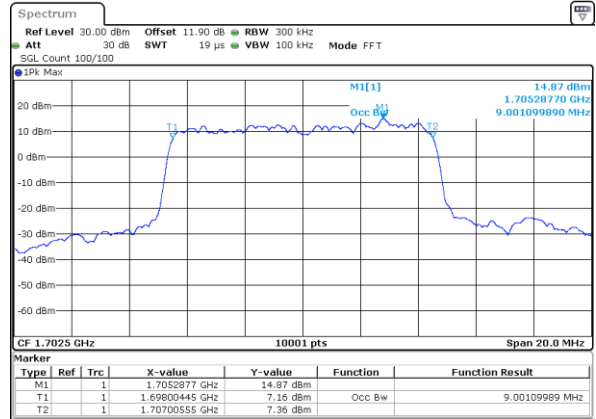


LTE Band 70

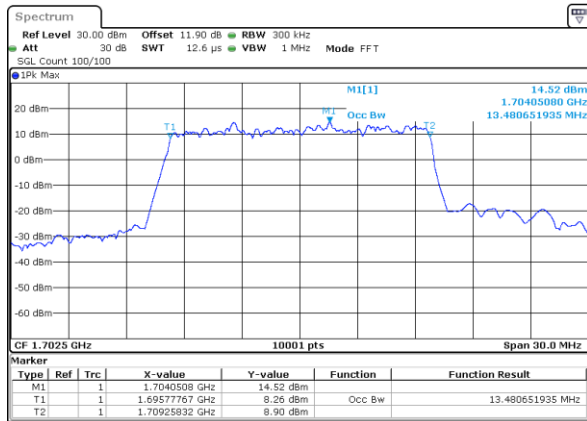
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



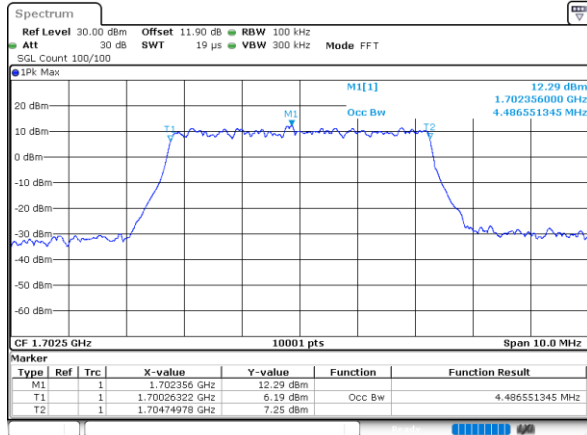
N/A

N/A

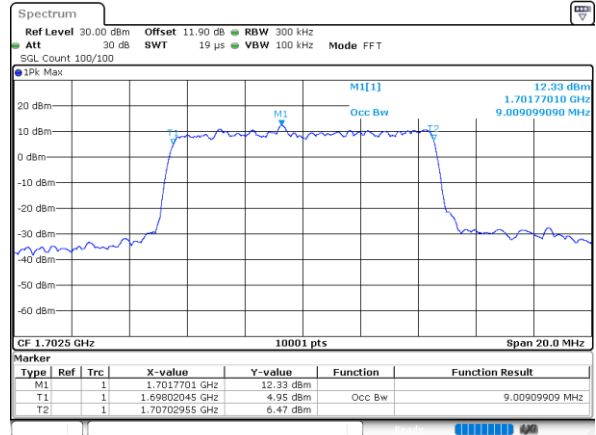


LTE Band 70

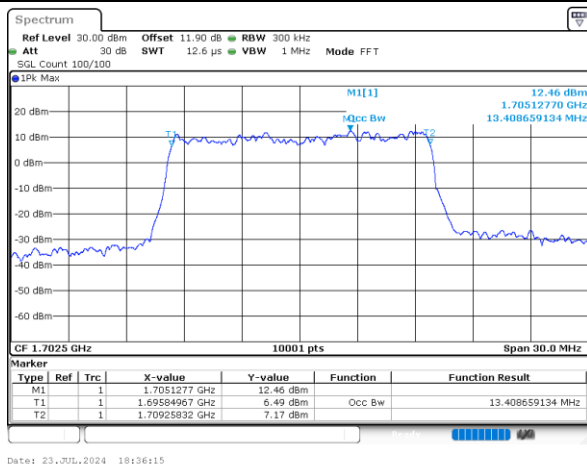
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

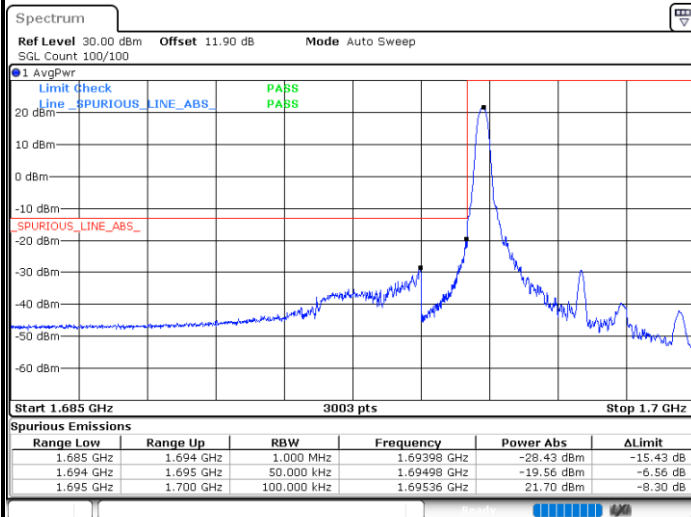
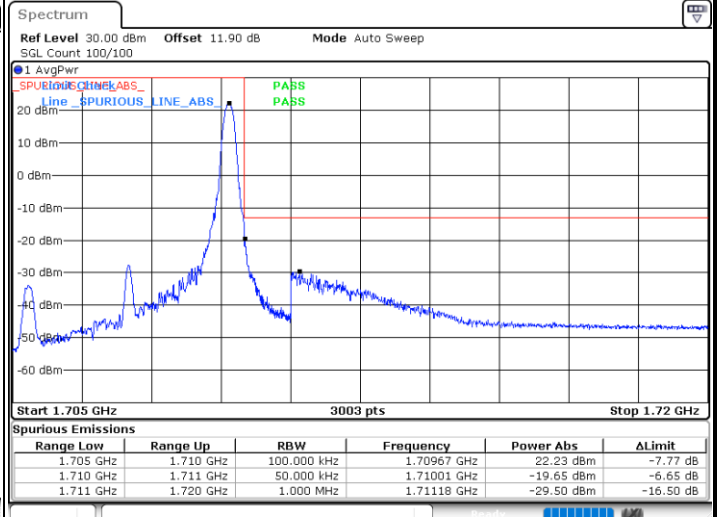
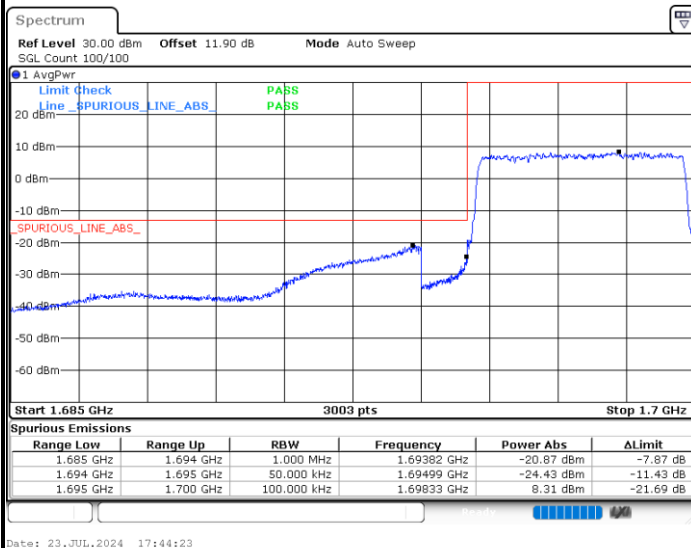
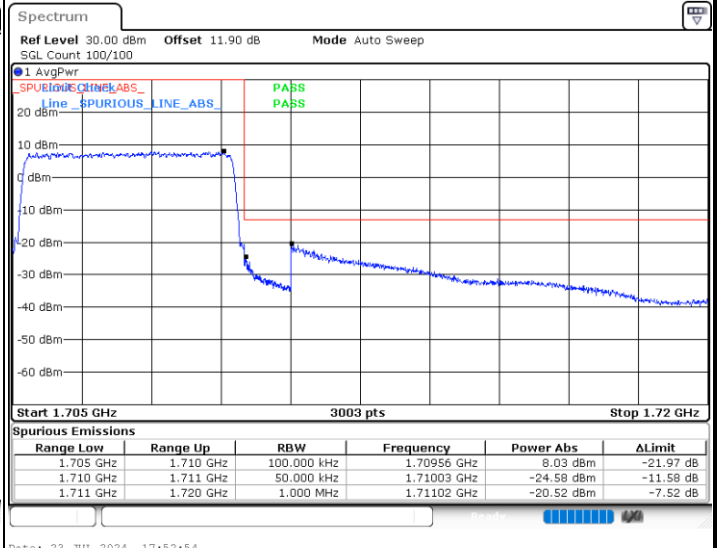


Middle Channel / 15MHz / 256QAM



N/A

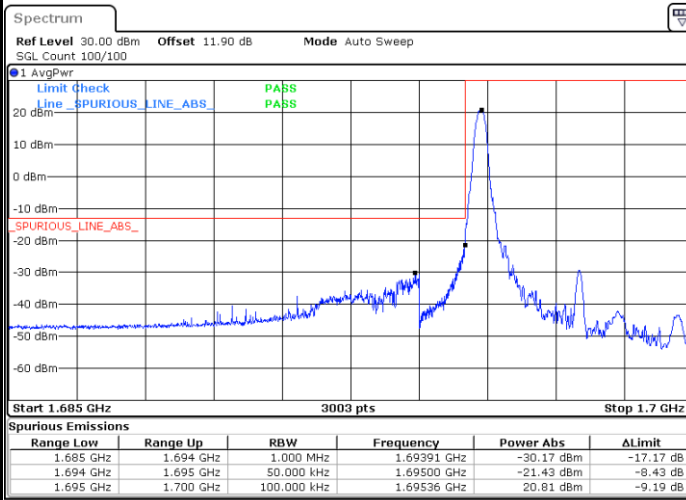
N/A

**Conducted Band Edge****LTE Band 70 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

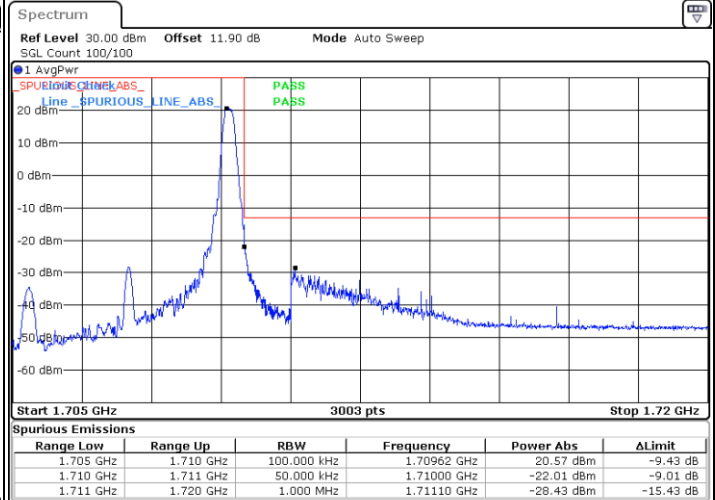


LTE Band 70 / 5MHz / 16QAM

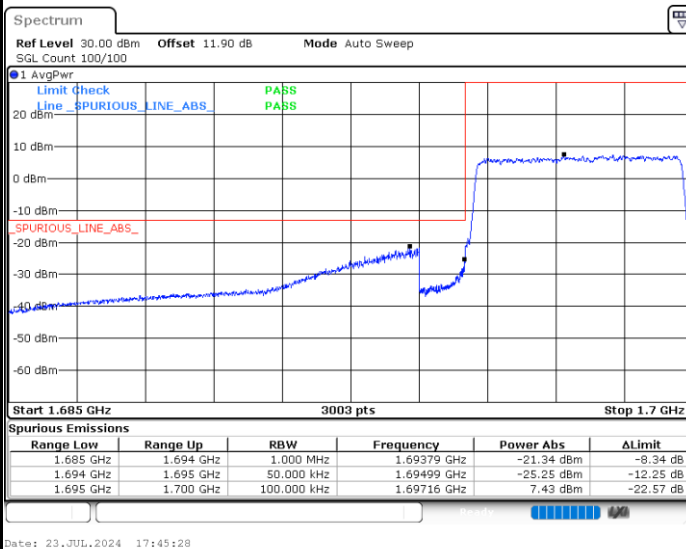
Lowest Band Edge / 1 RB



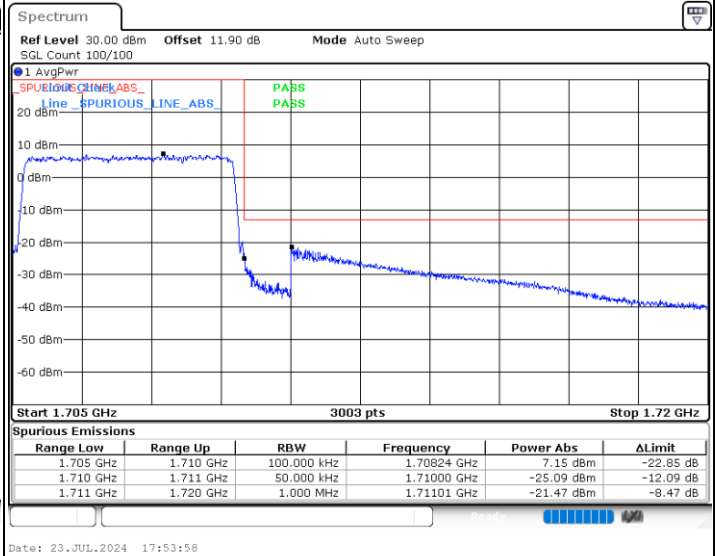
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



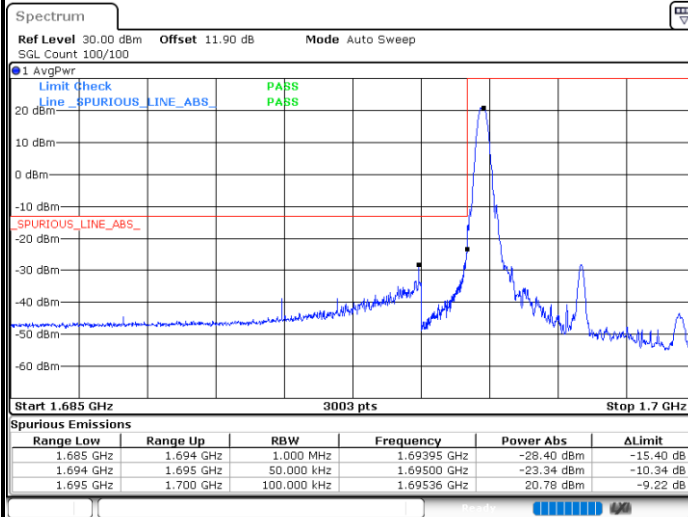
Highest Band Edge / Full RB



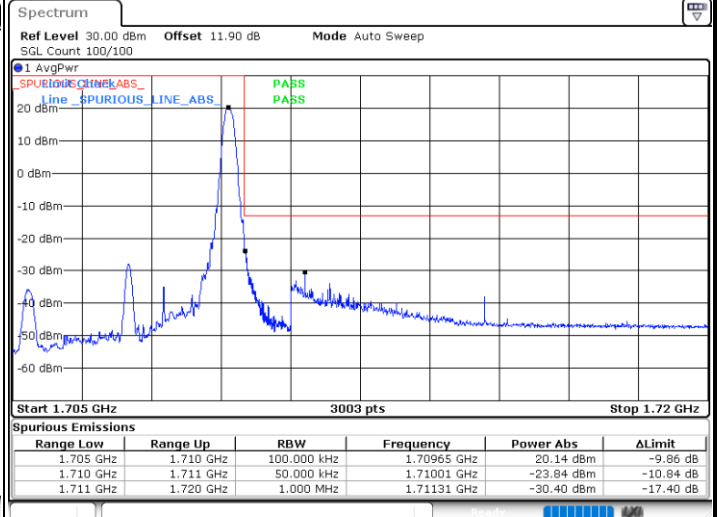


LTE Band 70 / 5MHz / 64QAM

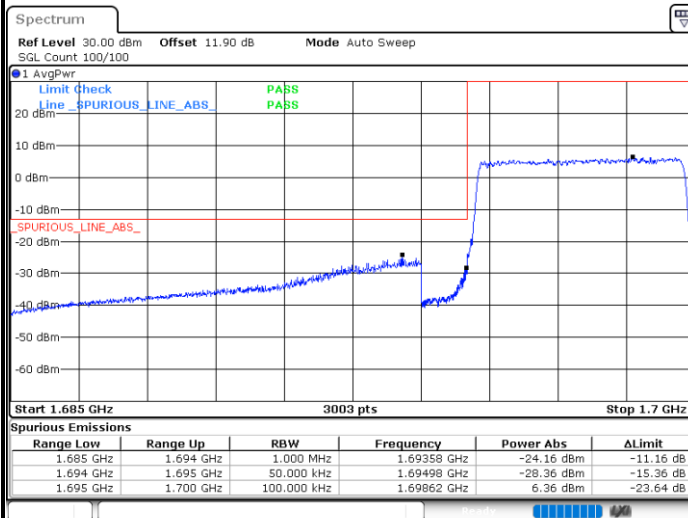
Lowest Band Edge / 1 RB



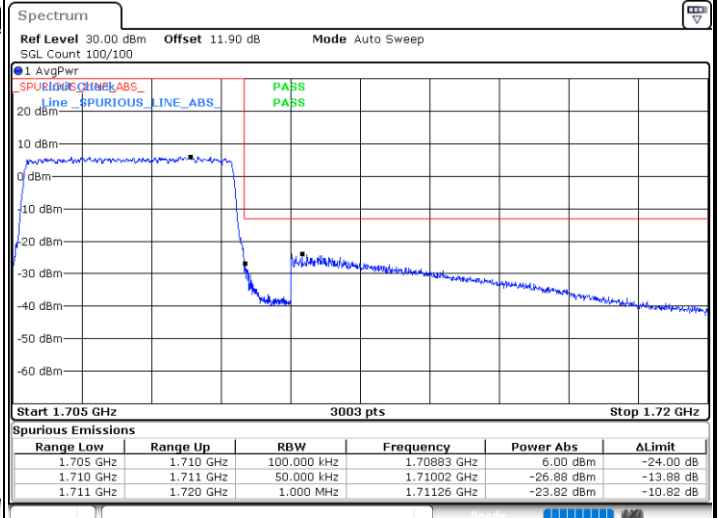
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



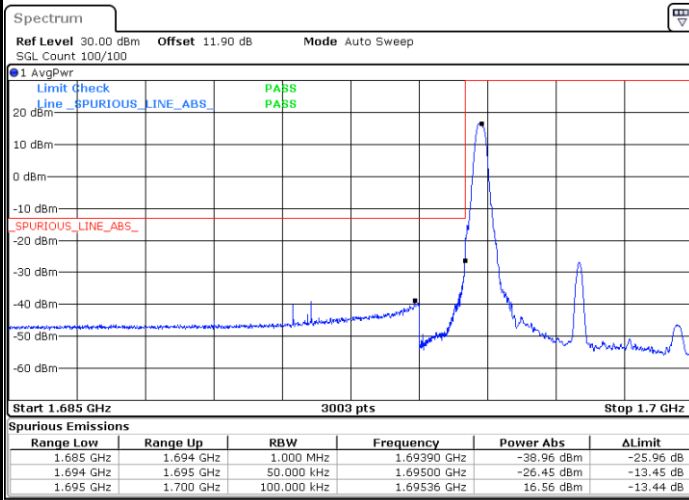
Highest Band Edge / Full RB



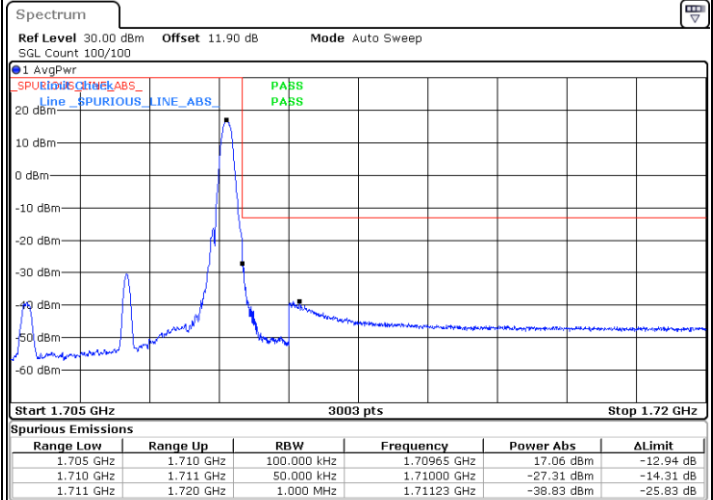


LTE Band 70 / 5MHz / 256QAM

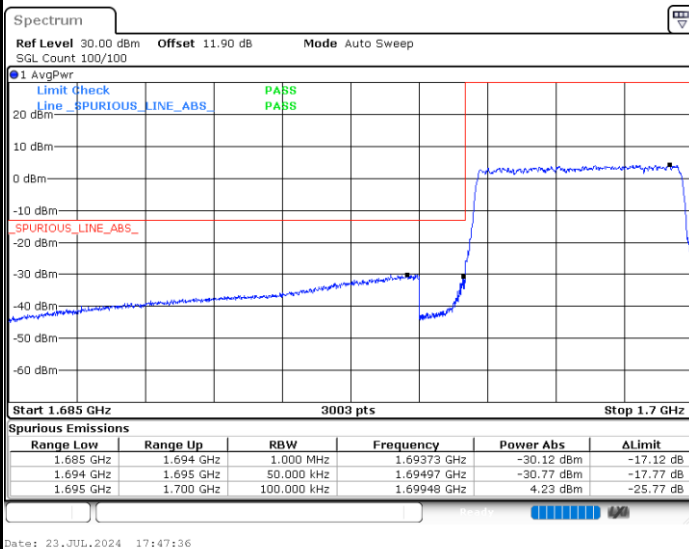
Lowest Band Edge / 1 RB



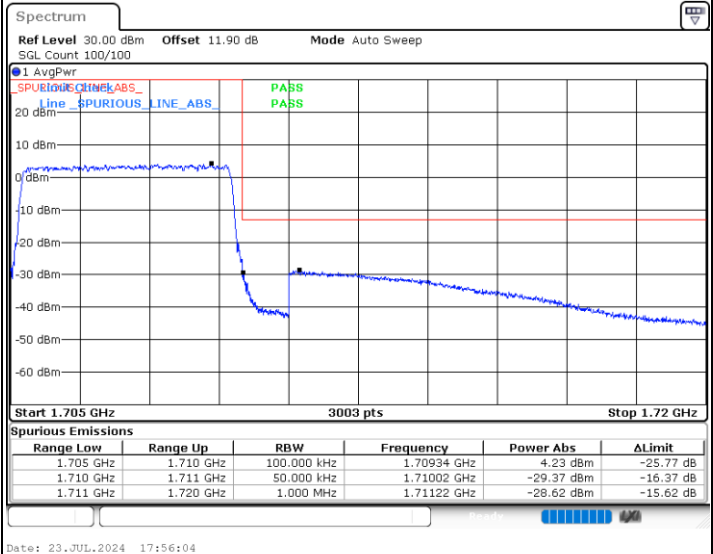
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



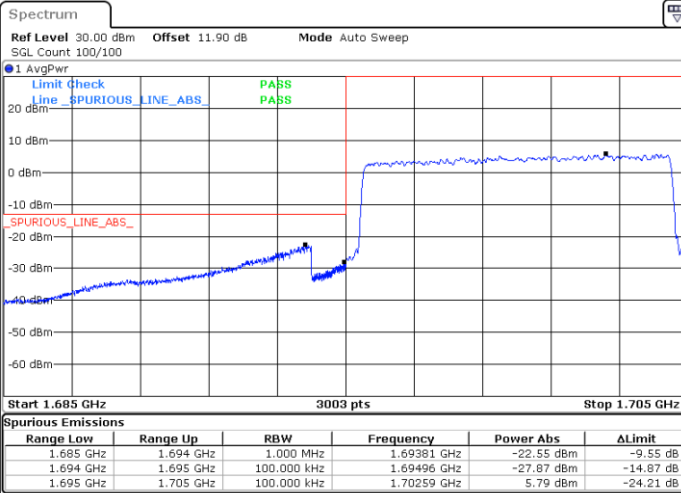
Highest Band Edge / Full RB



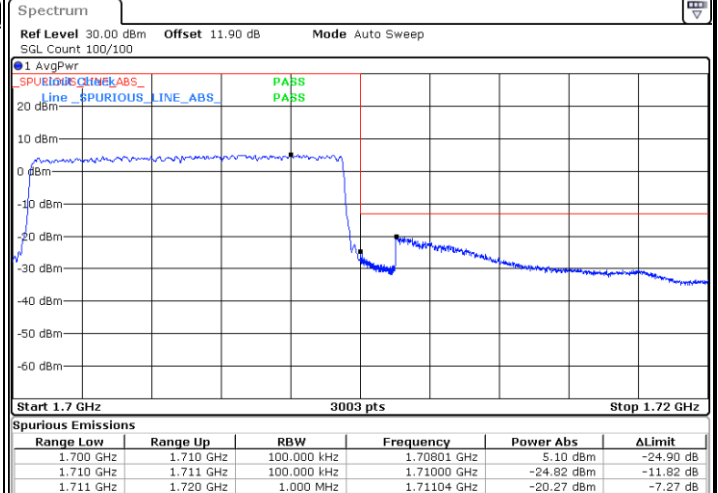


LTE Band 70 / 10MHz / QPSK

Lowest Band Edge / Full RB

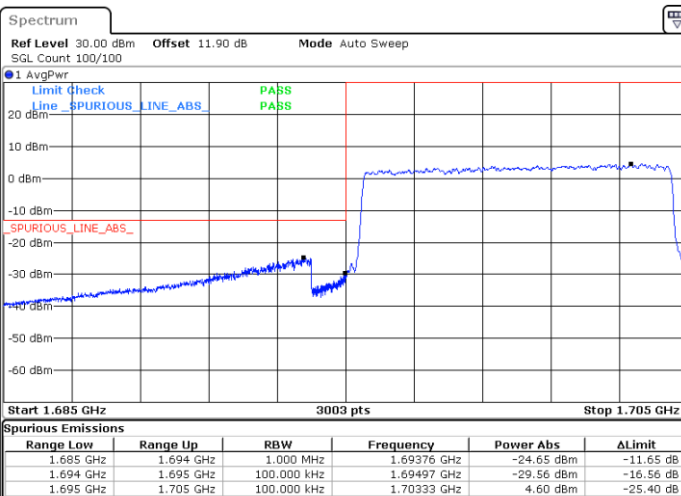


Highest Band Edge / Full RB

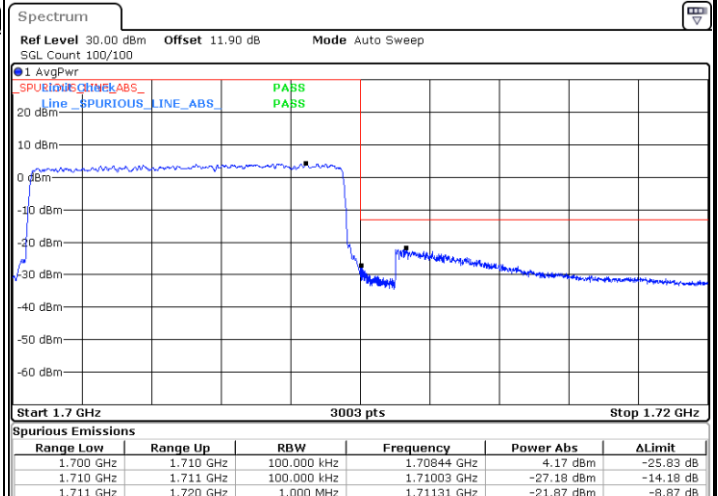


LTE Band 70 / 10MHz / 16QAM

Lowest Band Edge / Full RB



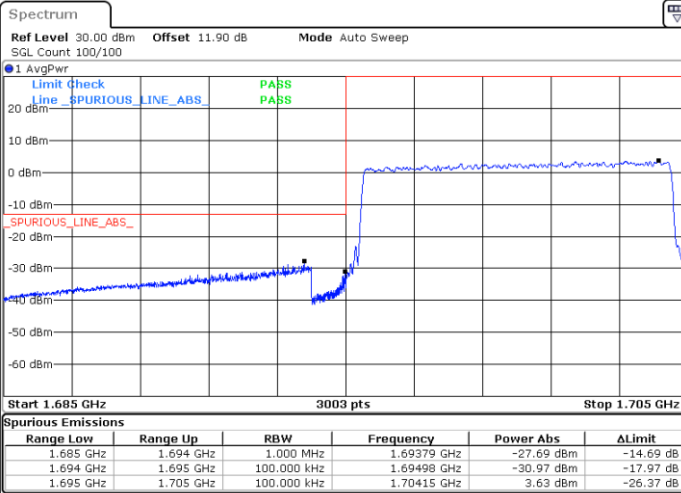
Highest Band Edge / Full RB



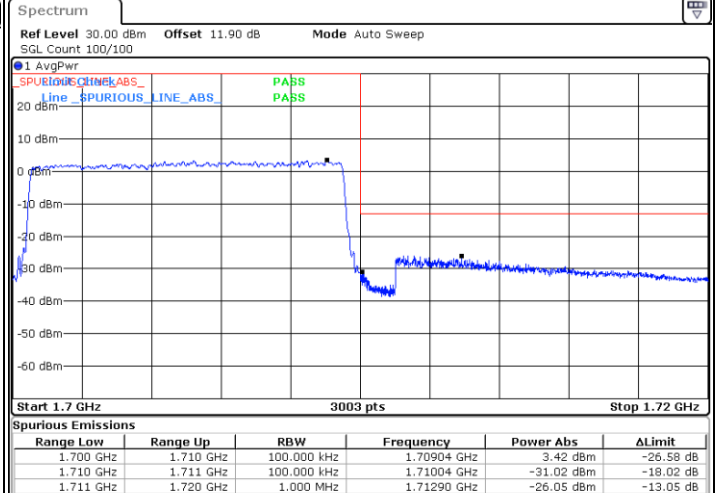


LTE Band 70 / 10MHz / 64QAM

Lowest Band Edge / Full RB

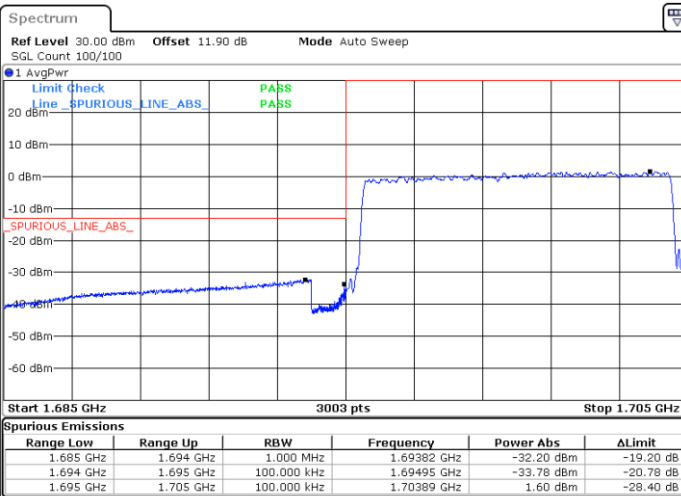


Highest Band Edge / Full RB

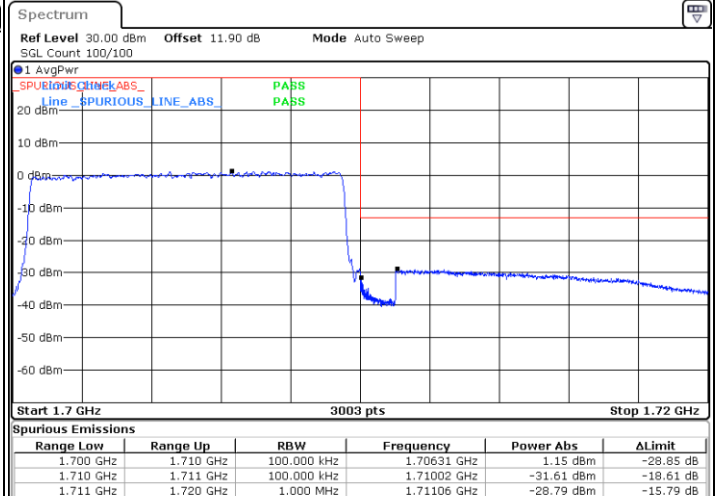


LTE Band 70 / 10MHz / 256QAM

Lowest Band Edge / Full RB



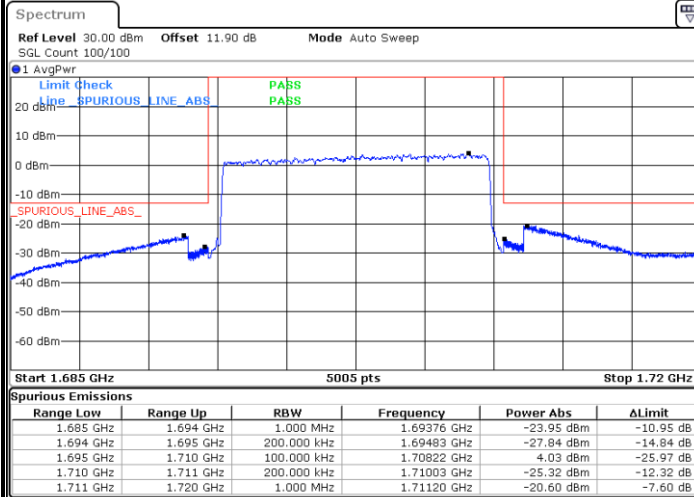
Highest Band Edge / Full RB





LTE Band 70 / 15MHz / QPSK

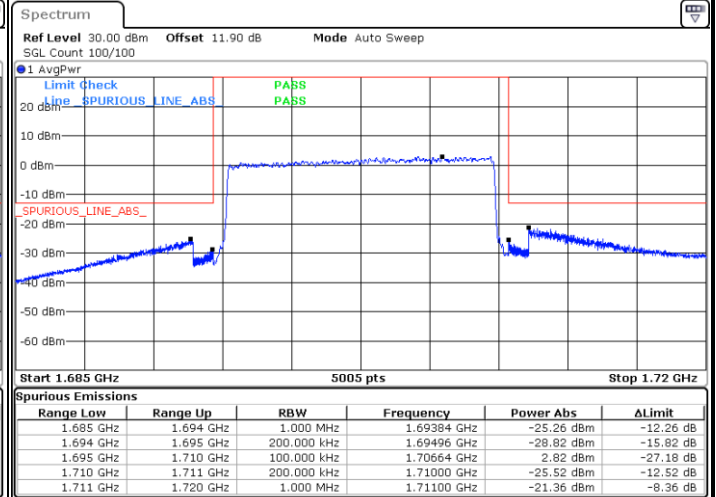
Middle Band Edge / Full RB



Date: 23.JUL.2024 18:31:04

LTE Band 70 / 15MHz / 16QAM

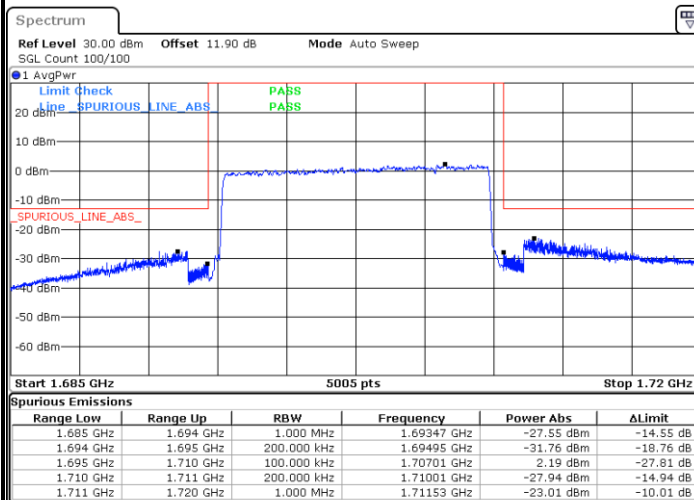
Middle Band Edge / Full RB



Date: 23.JUL.2024 18:32:11

LTE Band 70 / 15MHz / 64QAM

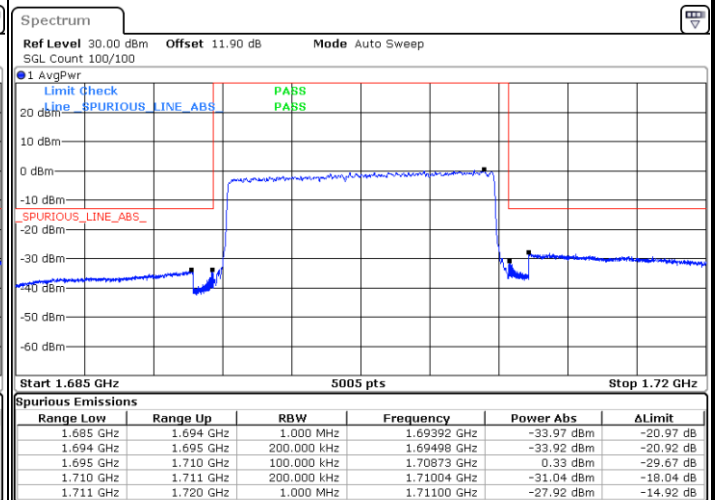
Middle Band Edge / Full RB



Date: 23.JUL.2024 18:33:17

LTE Band 70 / 15MHz / 256QAM

Middle Band Edge / Full RB



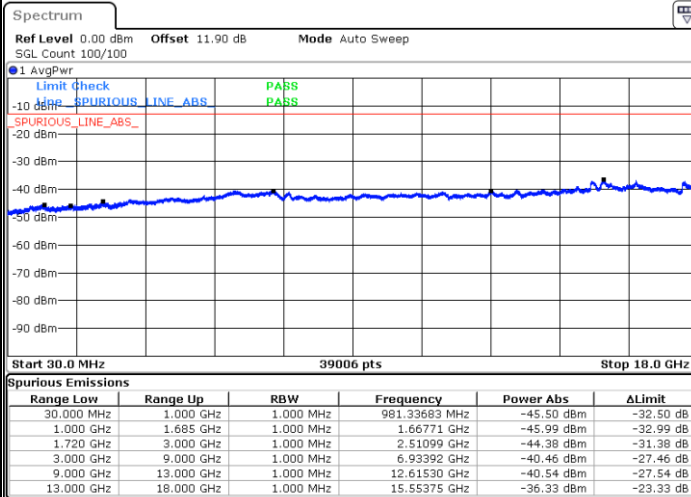
Date: 23.JUL.2024 18:34:24



Conducted Spurious Emission

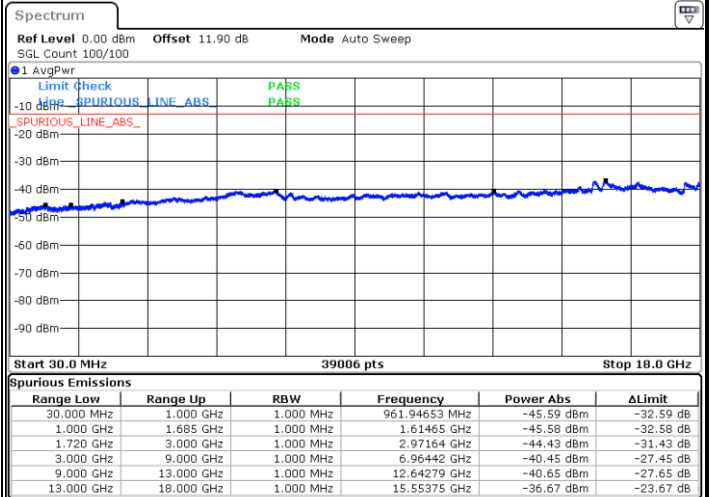
LTE Band 70 / 5MHz

Lowest Channel / QPSK



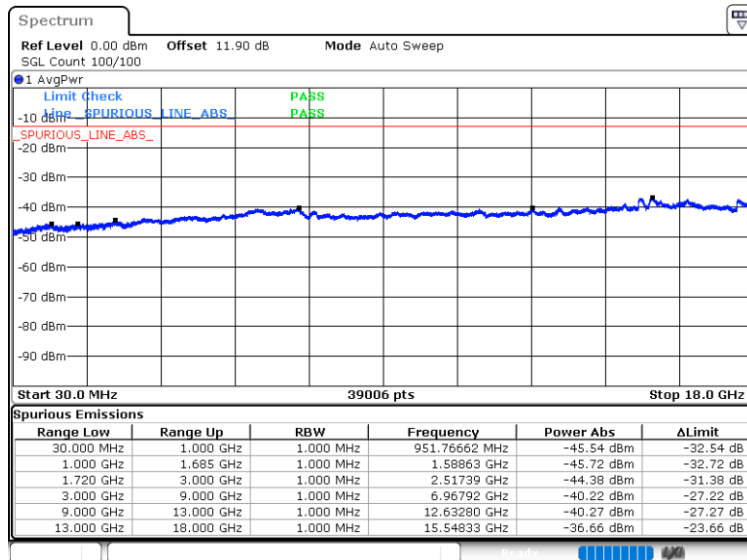
Date: 23.JUL.2024 18:59:56

Middle Channel / QPSK



Date: 23.JUL.2024 19:01:11

Highest Channel / QPSK

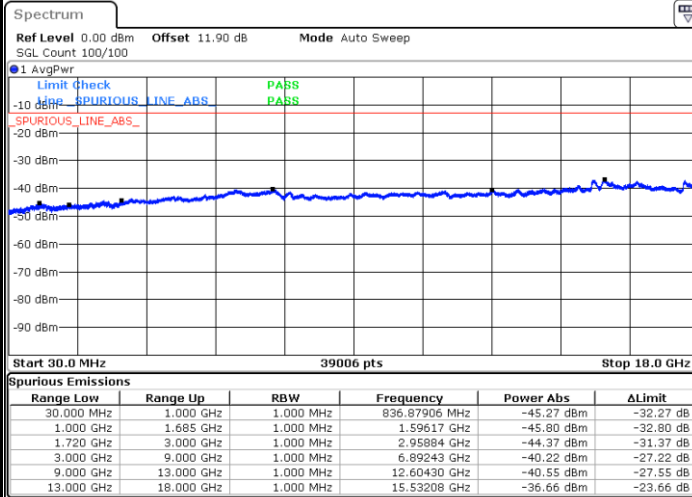


Date: 23.JUL.2024 19:02:25



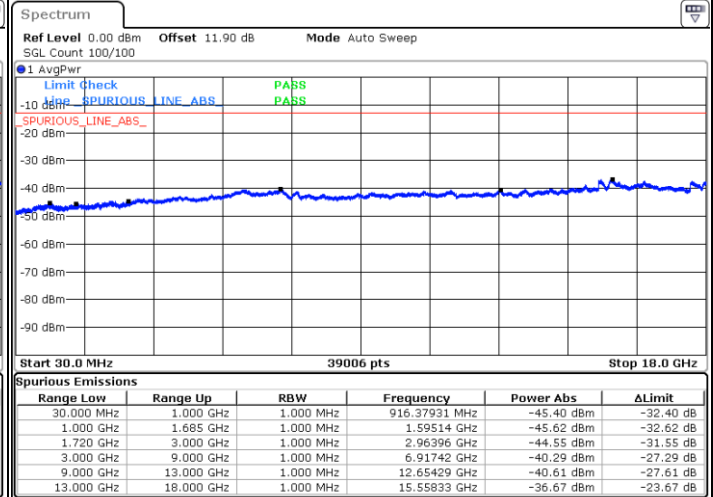
LTE Band 70 / 10MHz

Lowest Channel / QPSK



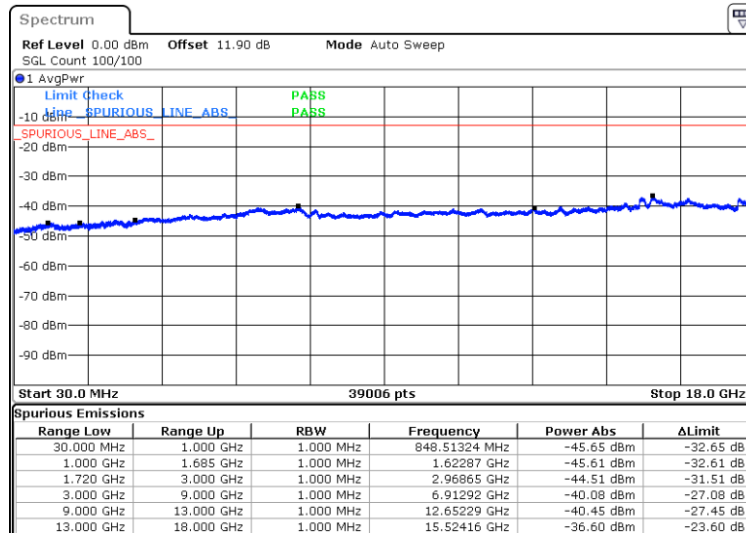
Date: 23.JUL.2024 19:04:23

Middle Channel / QPSK



Date: 23.JUL.2024 19:05:41

Highest Channel / QPSK

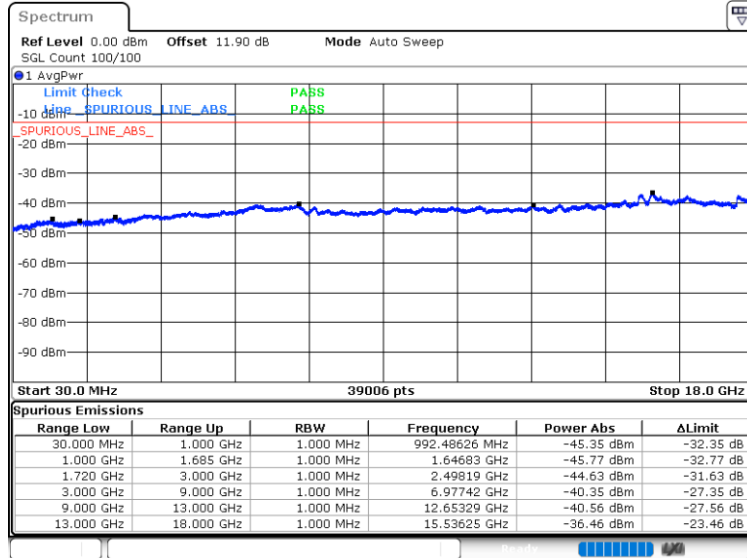


Date: 23.JUL.2024 19:06:58



LTE Band 70 / 15MHz

Middle Channel / QPSK



Date: 23.JUL.2024 19:08:56

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	0.0059	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0064	
-10	Normal Voltage	0.0070	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0079	

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.



LTE Band 71

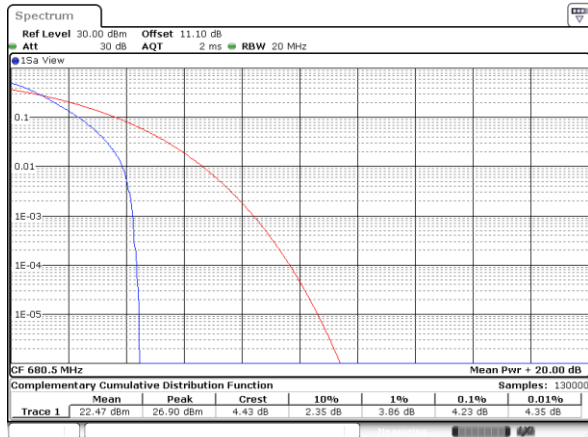
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.23	5.45	6.20	6.41	PASS



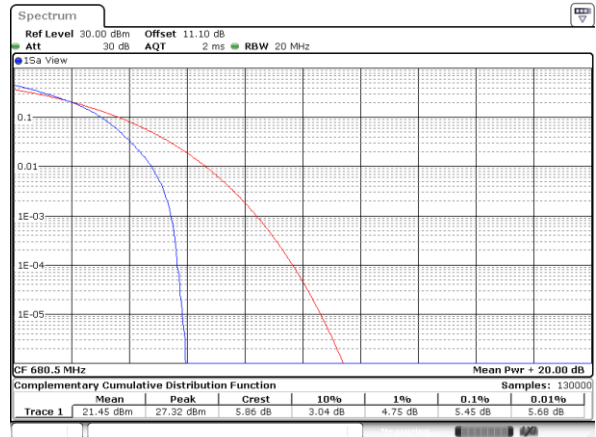
LTE Band 71 / 20MHz / QPSK

Middle Channel / Full RB



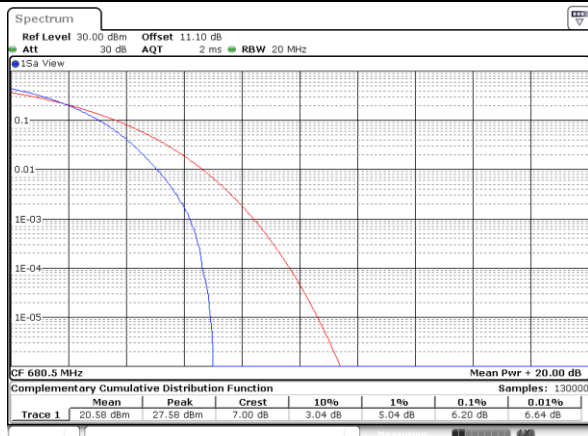
LTE Band 71 / 20MHz / 16QAM

Middle Channel / Full RB



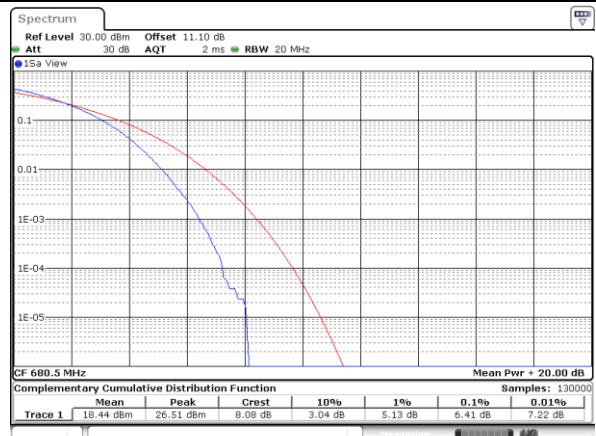
LTE Band 71 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 71 / 20MHz / 256QAM

Middle Channel / Full RB



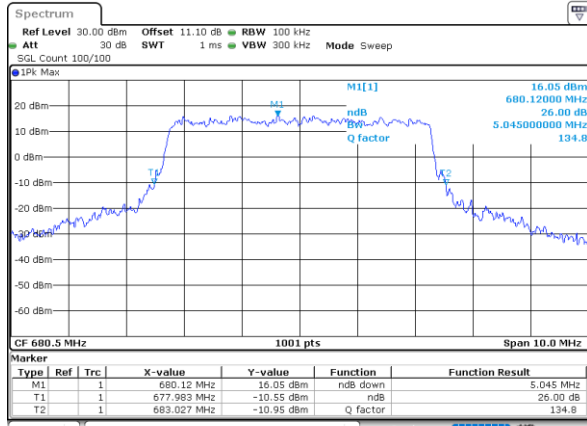
**26dB Bandwidth**

Mode	LTE Band 71 : 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	-	-	-	-	5.04	4.91	9.84	9.78	14.41	14.20	19.02	18.86
Mode	LTE Band 71 : 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	-	-	-	-	4.87	4.97	9.75	9.75	14.38	14.29	19.10	19.10



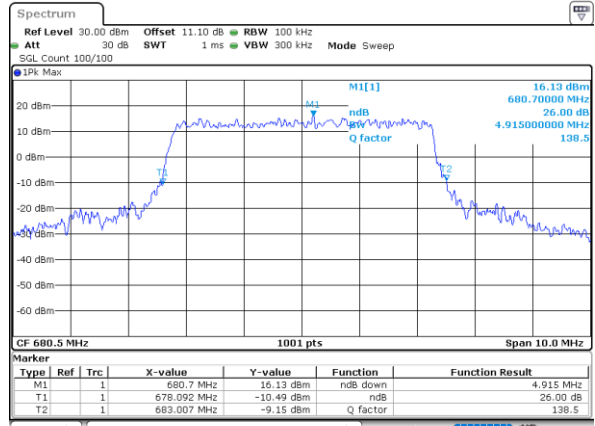
LTE Band 71

Middle Channel / 5MHz / QPSK



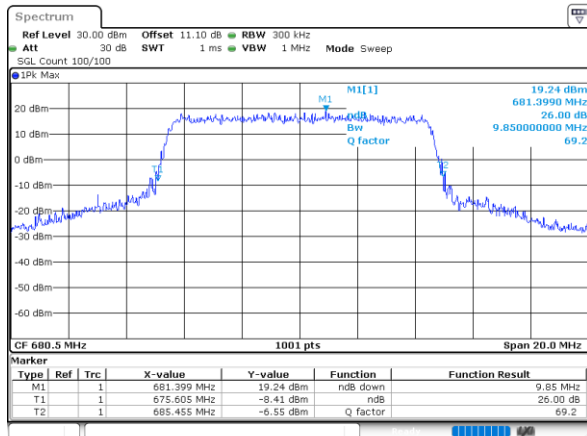
Date: 29.MAY.2024 07:03:20

Middle Channel / 5MHz / 16QAM



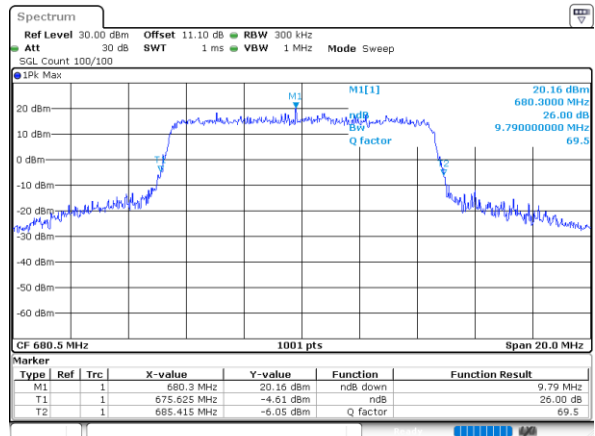
Date: 29.MAY.2024 07:03:52

Middle Channel / 10MHz / QPSK



Date: 29.MAY.2024 07:17:52

Middle Channel / 10MHz / 16QAM

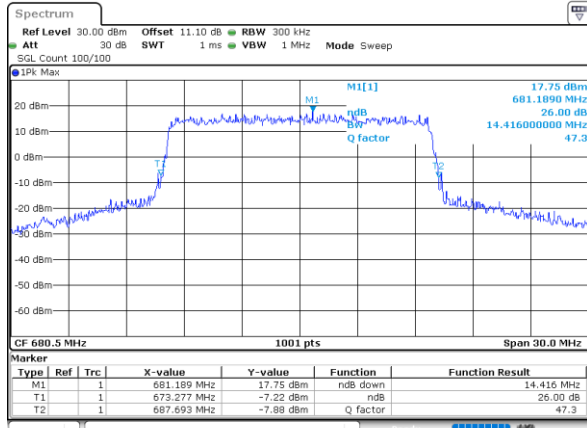


Date: 29.MAY.2024 07:18:17



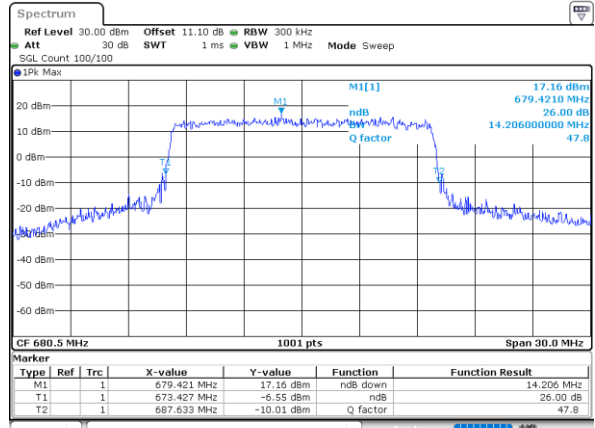
LTE Band 71

Middle Channel / 15MHz / QPSK



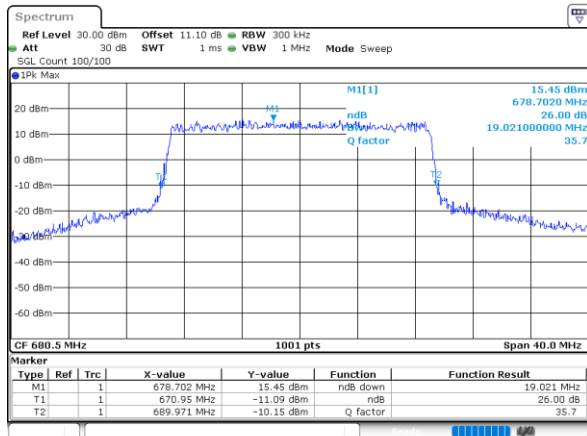
Date: 29.MAY.2024 07:26:14

Middle Channel / 15MHz / 16QAM



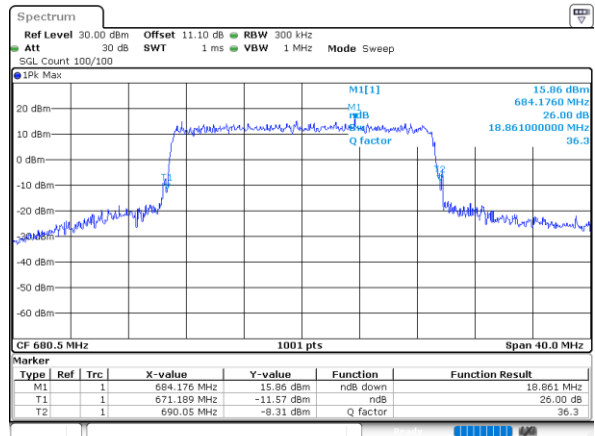
Date: 29.MAY.2024 07:26:19

Middle Channel / 20MHz / QPSK



Date: 29.MAY.2024 07:34:36

Middle Channel / 20MHz / 16QAM

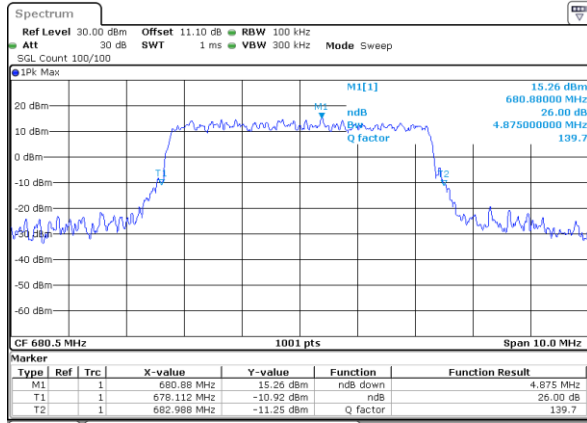


Date: 29.MAY.2024 07:35:01

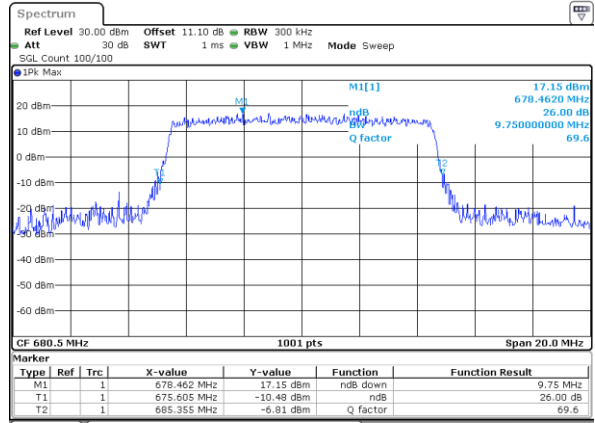


LTE Band 71

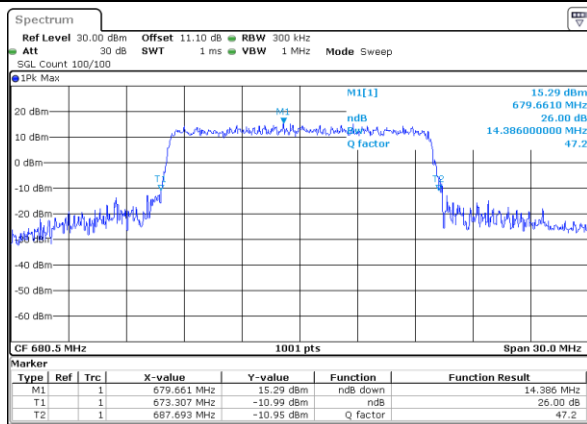
Middle Channel / 5MHz / 64QAM



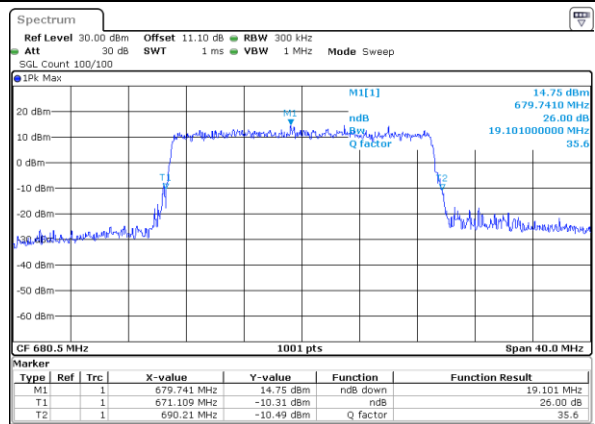
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



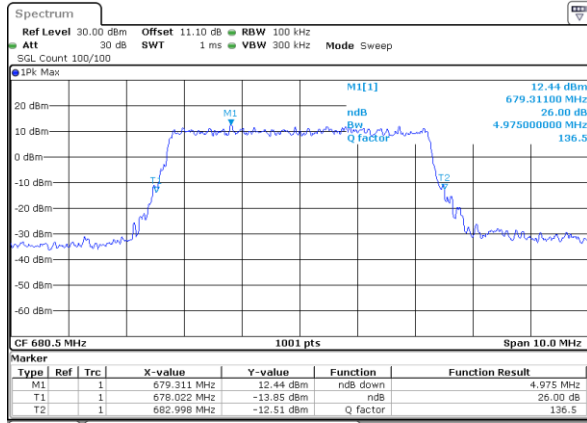
Middle Channel / 20MHz / 64QAM





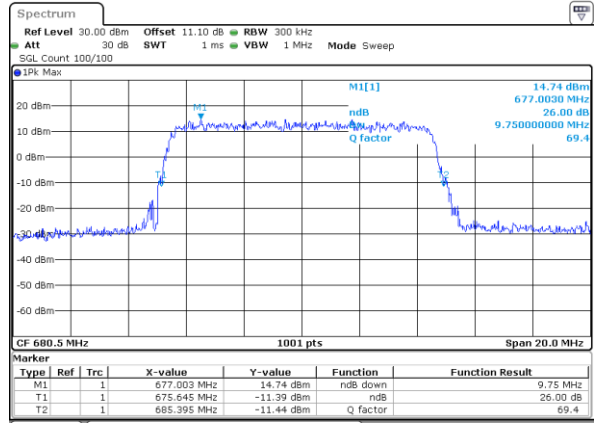
LTE Band 71

Middle Channel / 5MHz / 256QAM



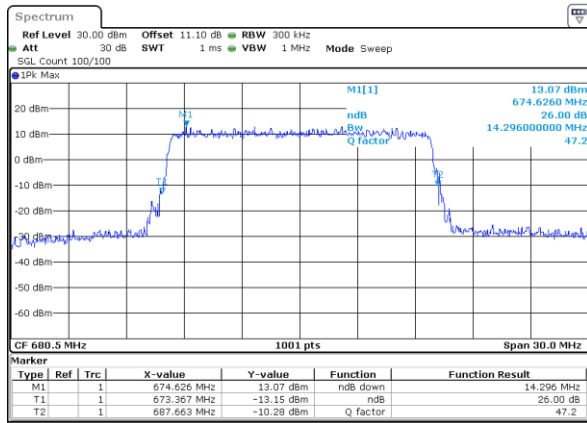
Date: 29.MAY.2024 07:56:51

Middle Channel / 10MHz / 256QAM



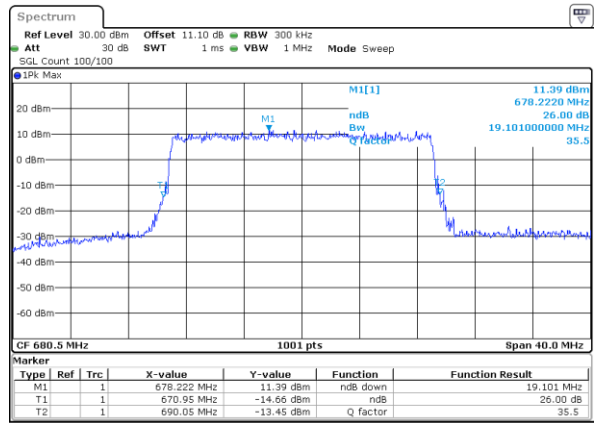
Date: 29.MAY.2024 08:01:02

Middle Channel / 15MHz / 256QAM



Date: 29.MAY.2024 08:04:14

Middle Channel / 20MHz / 256QAM



Date: 29.MAY.2024 08:07:28

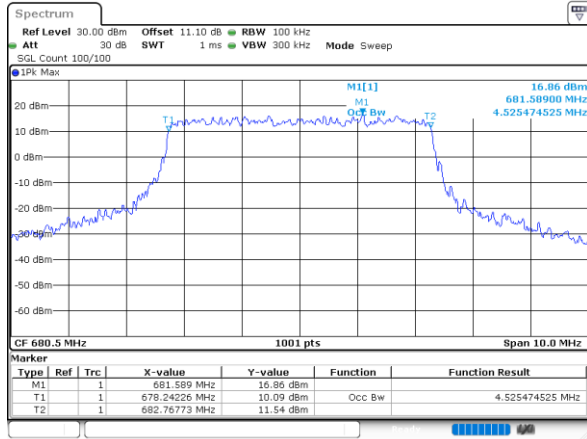
**Occupied Bandwidth**

Mode	LTE Band 71 : 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	-	-	-	-	4.52	4.50	9.01	9.05	13.45	13.48	17.90	17.86
Mode	LTE Band 71 : 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	-	-	-	-	4.50	4.51	9.01	9.03	13.45	13.45	17.86	17.90

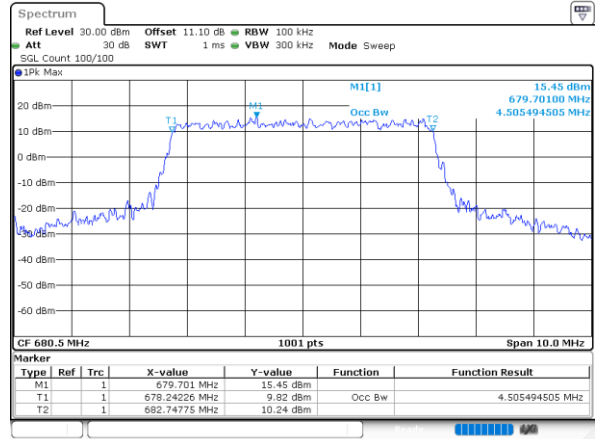


LTE Band 71

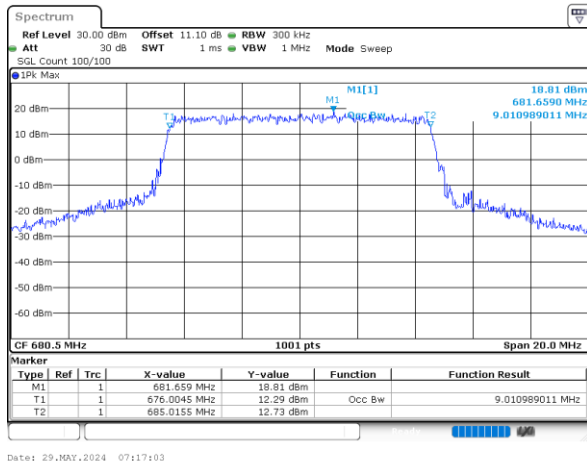
Middle Channel / 5MHz / QPSK



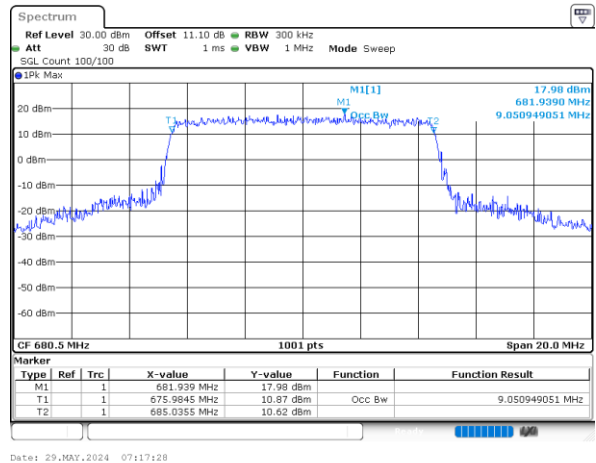
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



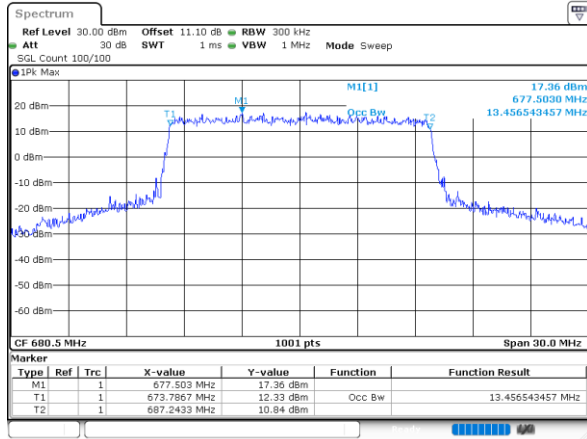
Middle Channel / 10MHz / 16QAM



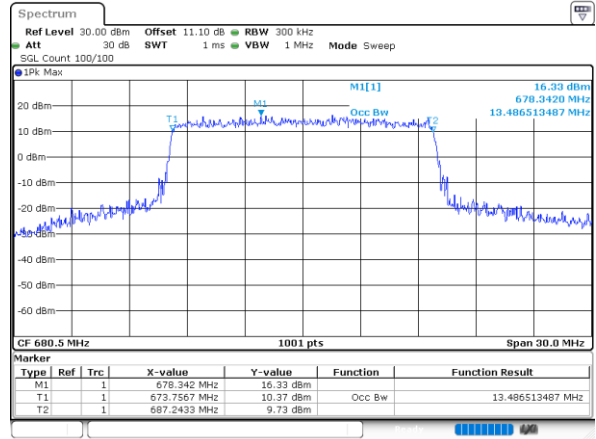


LTE Band 71

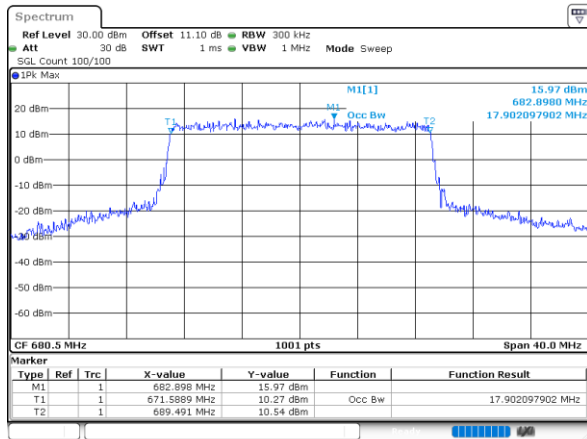
Middle Channel / 15MHz / QPSK



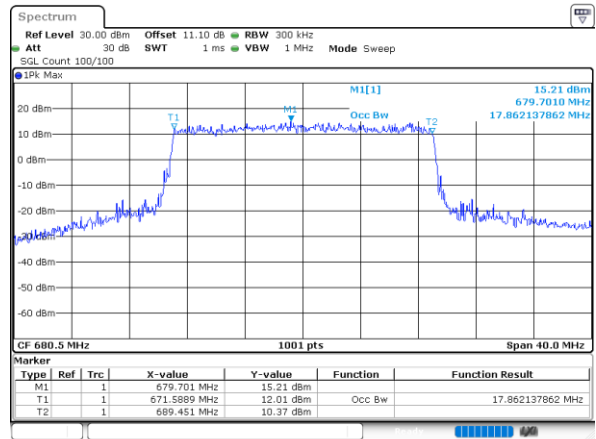
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



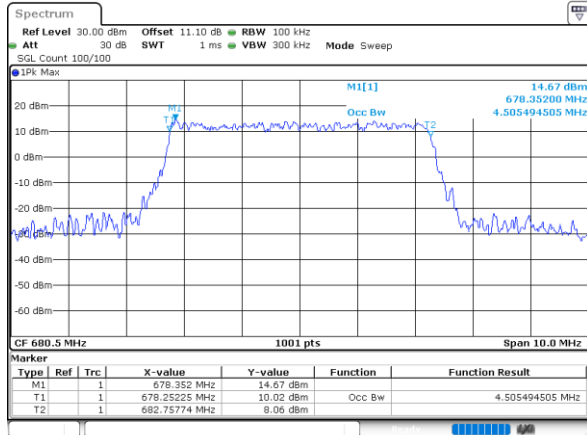
Middle Channel / 20MHz / 16QAM





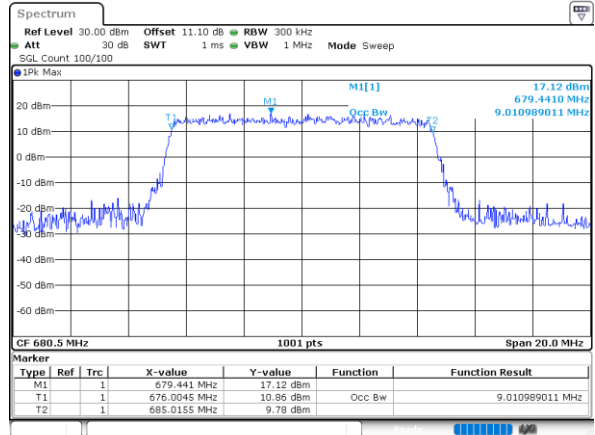
LTE Band 71

Middle Channel / 5MHz / 64QAM



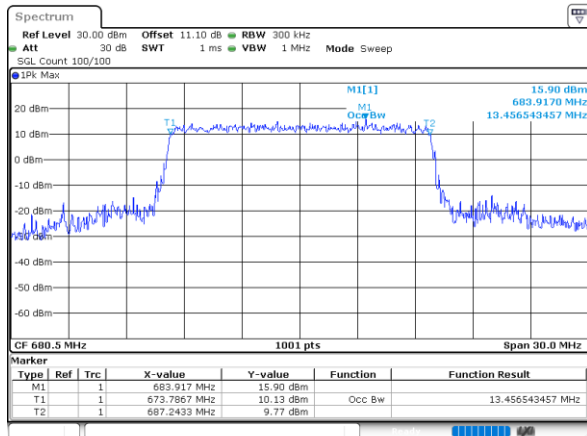
Date: 29.MAY.2024 07:12:06

Middle Channel / 10MHz / 64QAM



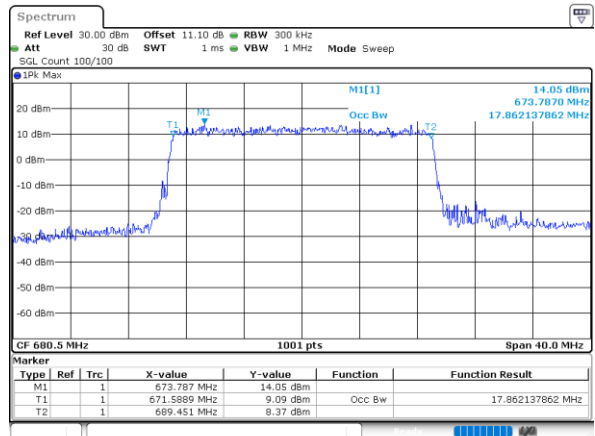
Date: 29.MAY.2024 07:12:123

Middle Channel / 15MHz / 64QAM



Date: 29.MAY.2024 07:29:45

Middle Channel / 20MHz / 64QAM

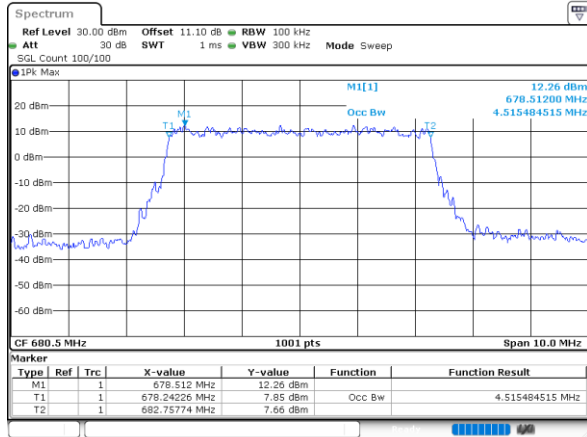


Date: 29.MAY.2024 07:38:07

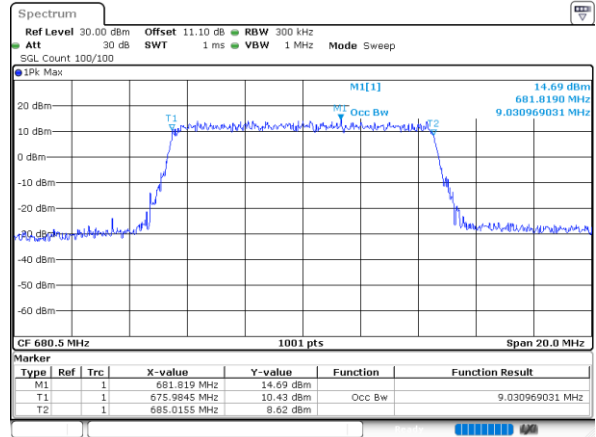


LTE Band 71

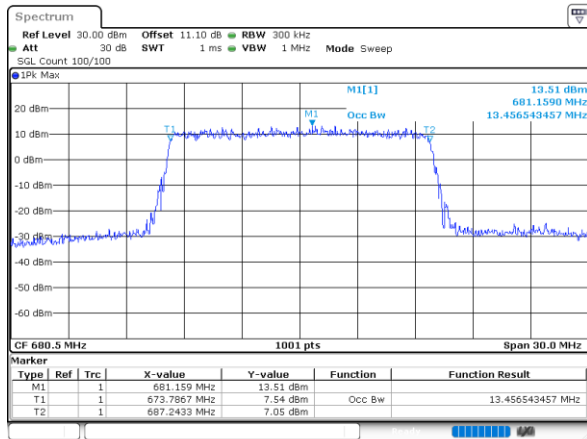
Middle Channel / 5MHz / 256QAM



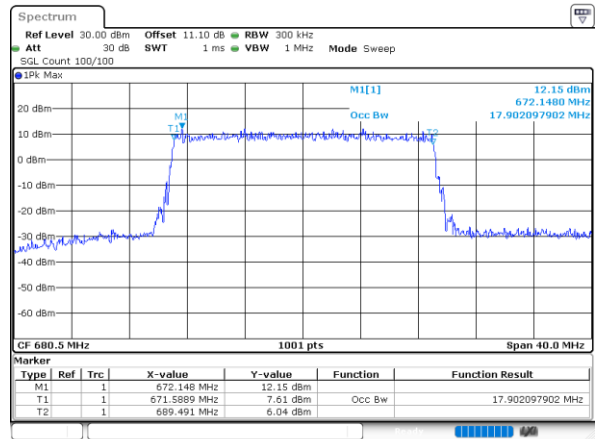
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

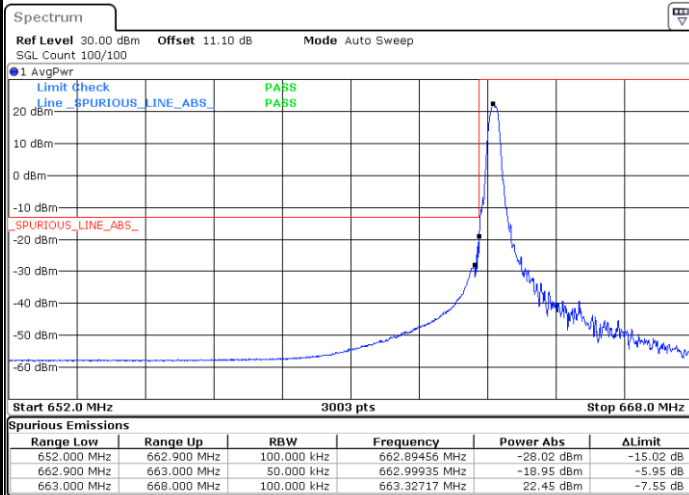




Conducted Band Edge

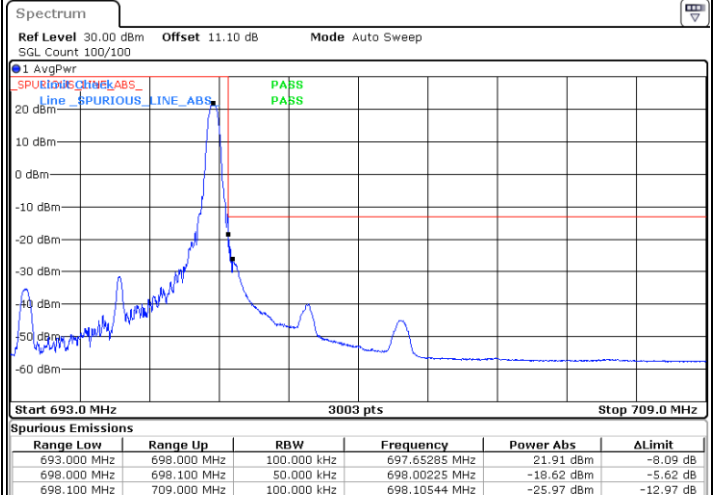
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



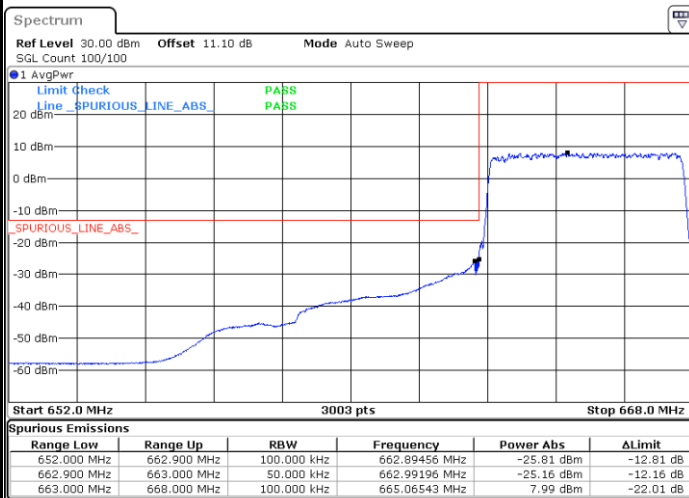
Date: 29.MAY.2024 06:58:18

Highest Band Edge / 1 RB



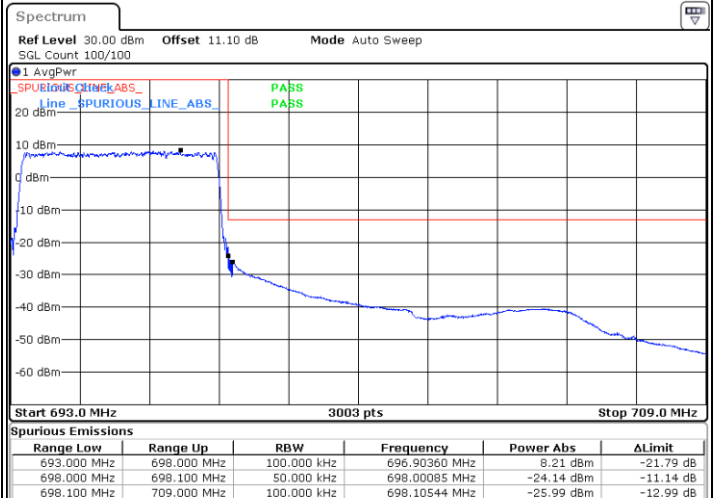
Date: 29.MAY.2024 07:05:58

Lowest Band Edge / Full RB



Date: 29.MAY.2024 07:00:06

Highest Band Edge / Full RB

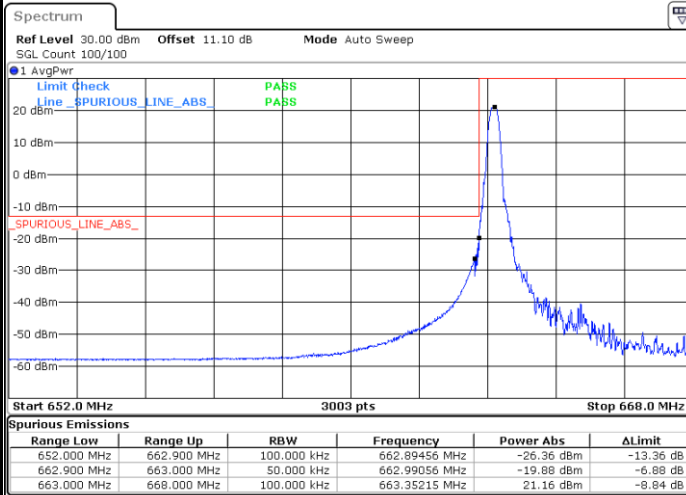


Date: 29.MAY.2024 07:07:46

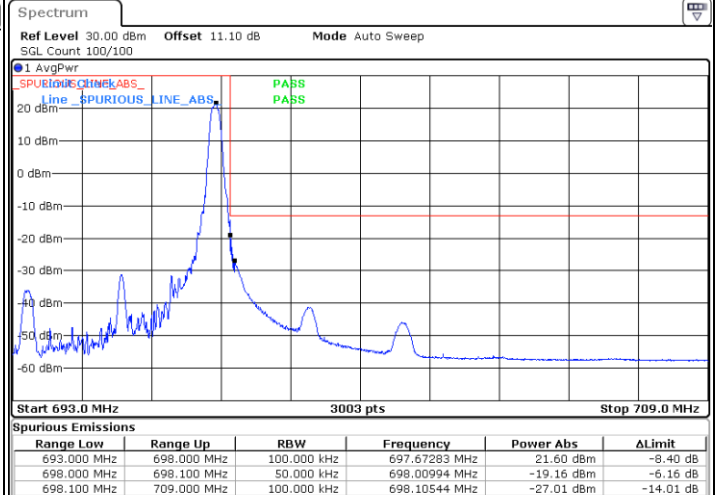


LTE Band 71 / 5MHz / 16QAM

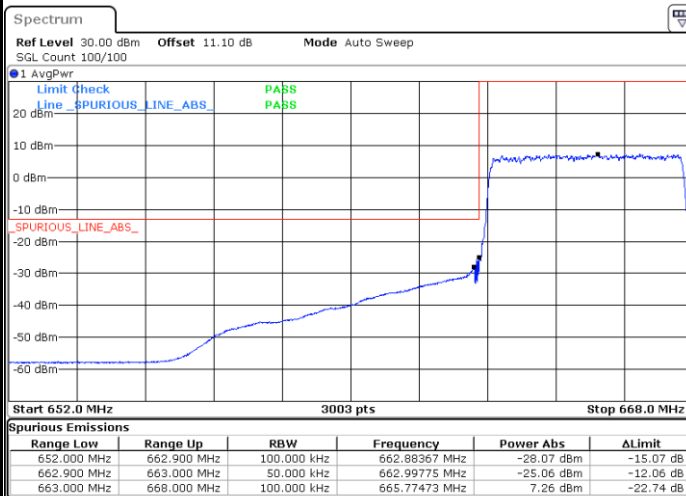
Lowest Band Edge / 1RB



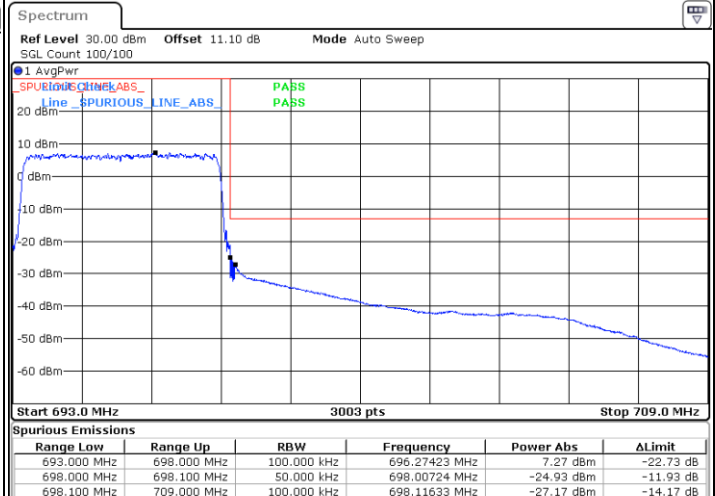
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



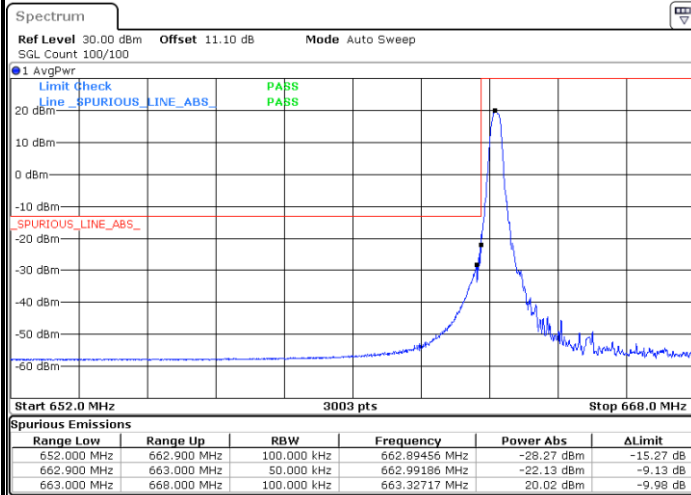
Highest Band Edge / Full RB



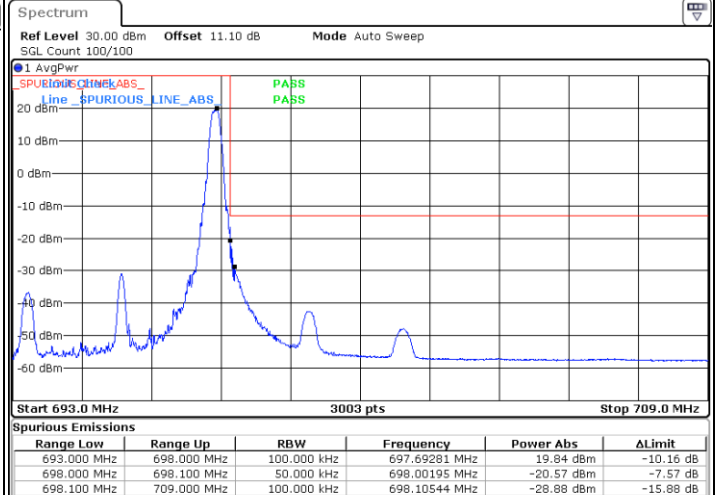


LTE Band 71 / 5MHz / 64QAM

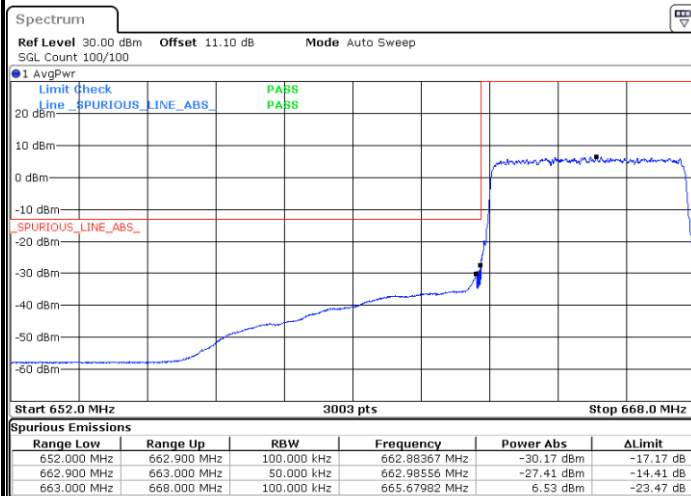
Lowest Band Edge / 1RB



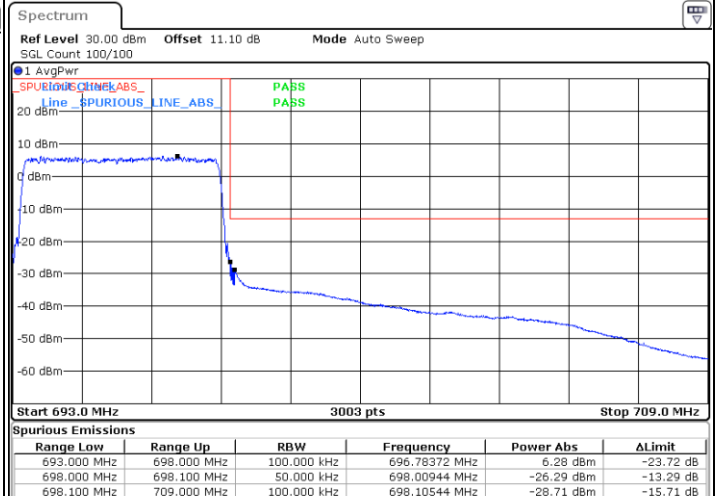
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



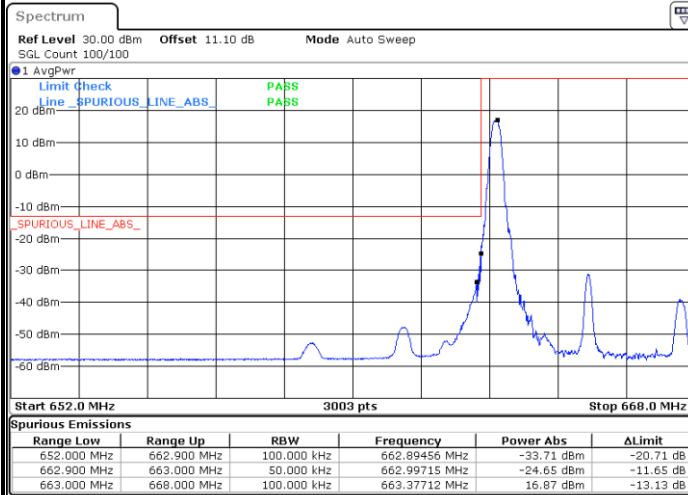
Highest Band Edge / Full RB



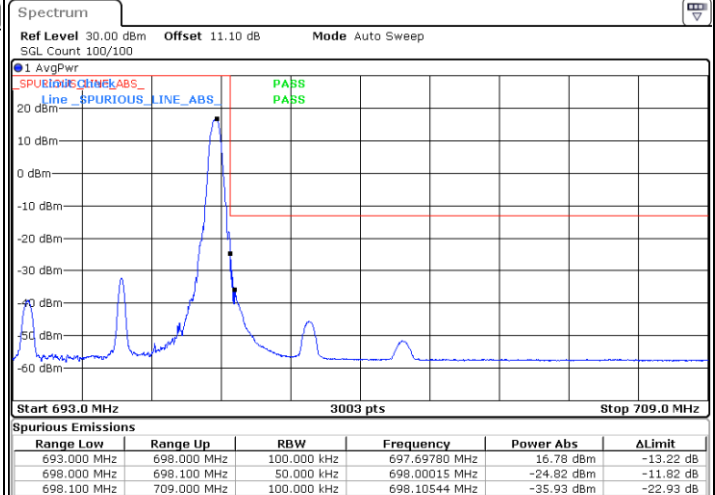


LTE Band 71 / 5MHz / 256QAM

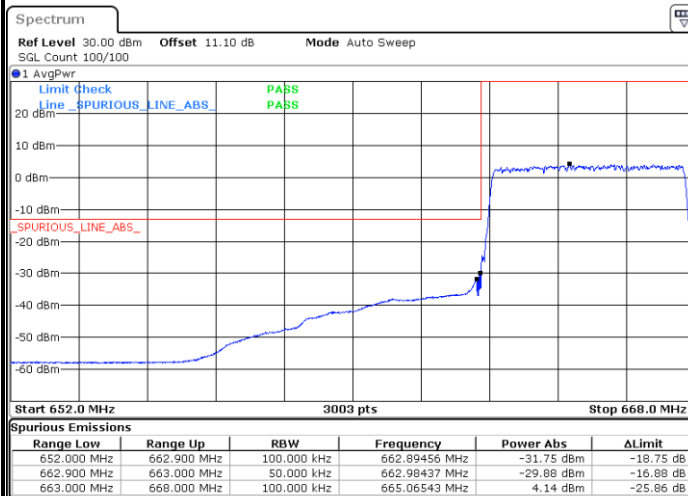
Lowest Band Edge / 1RB



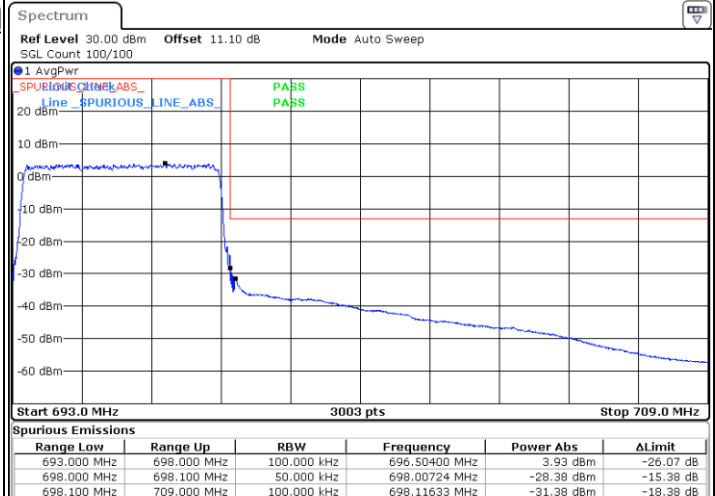
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



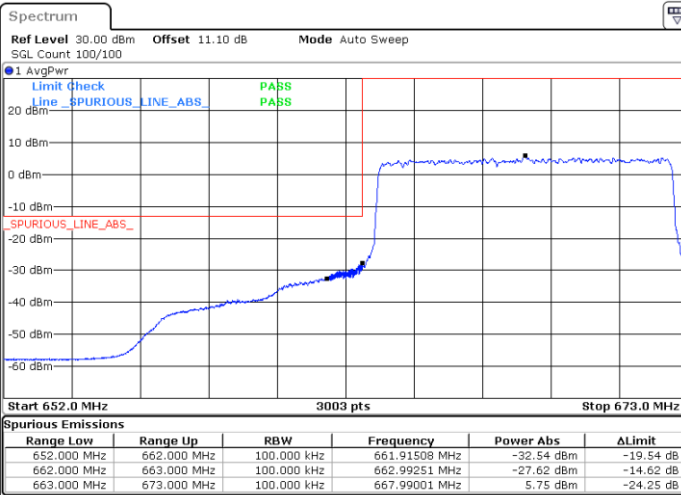
Highest Band Edge / Full RB



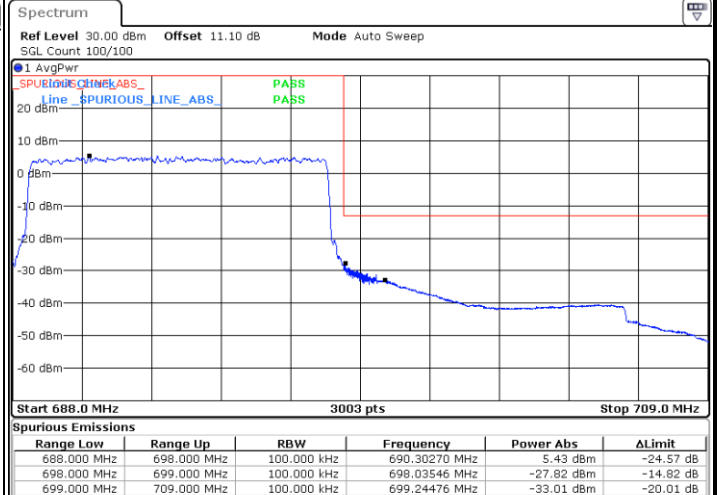


LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / Full RB

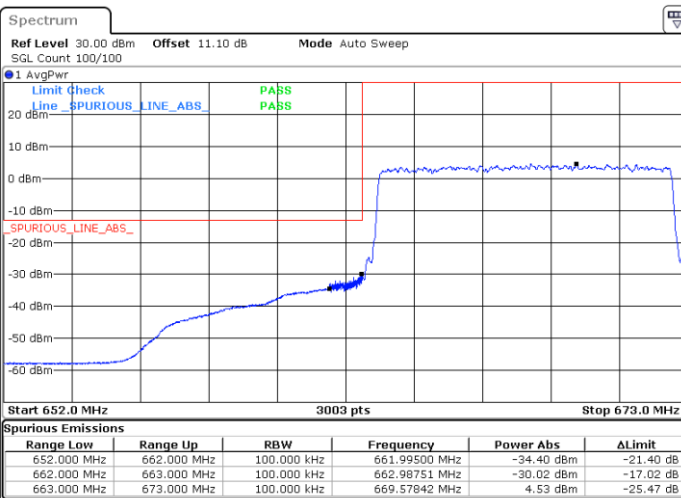


Highest Band Edge / Full RB



LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

