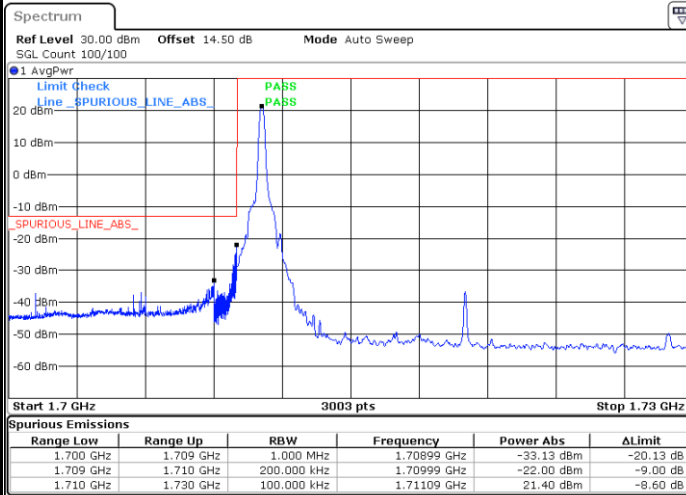


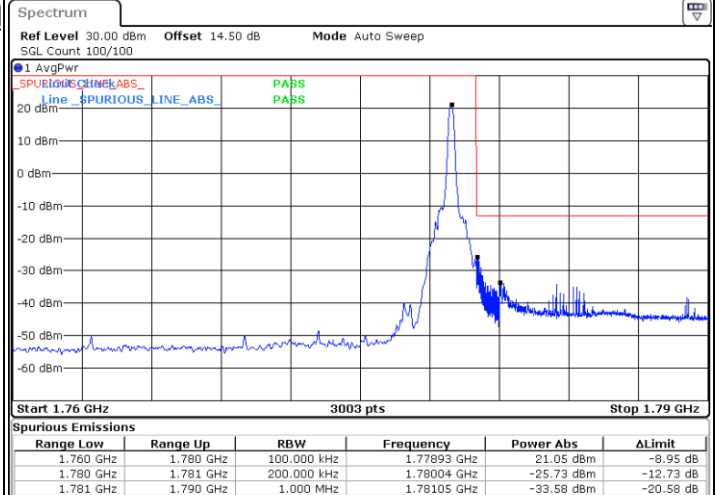


LTE Band 66 / 20MHz / 16QAM

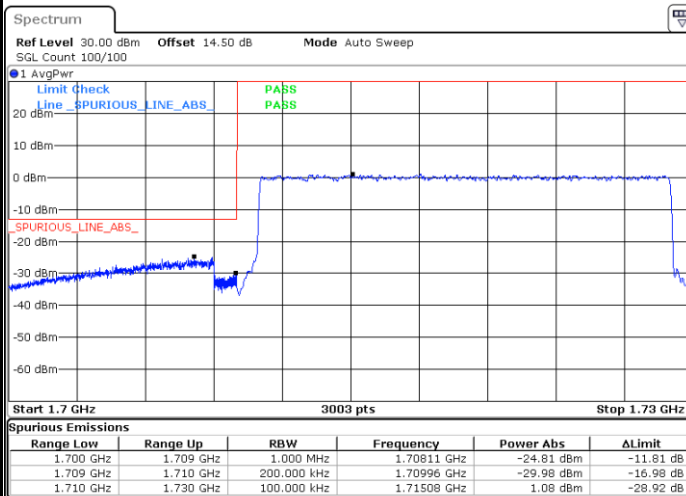
Lowest Band Edge / 1 RB



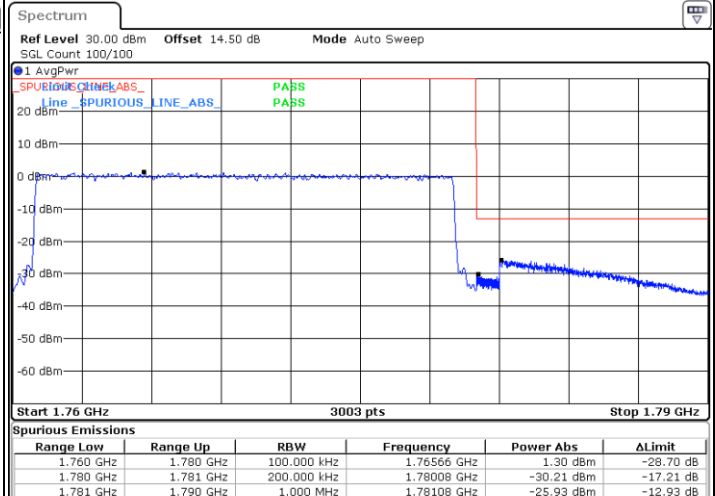
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



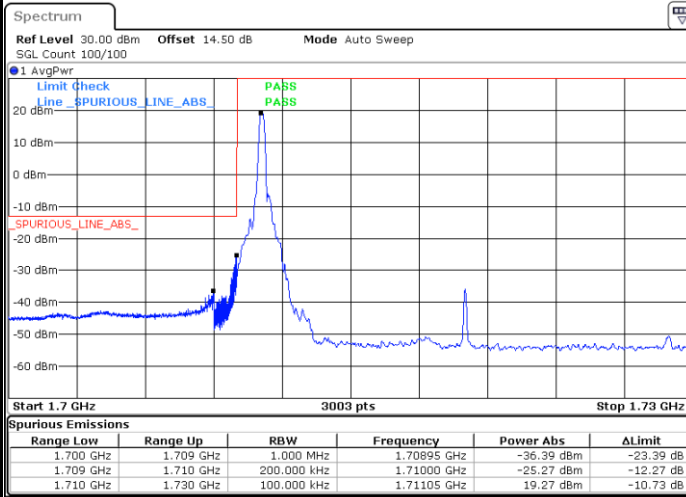
Highest Band Edge / Full RB



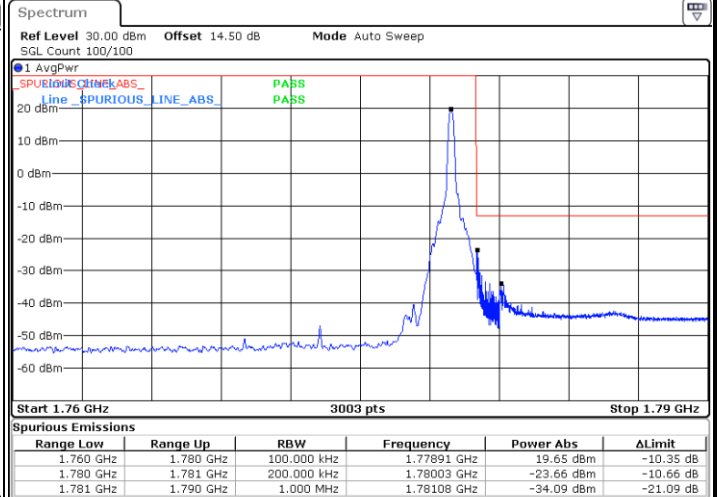


LTE Band 66 / 20MHz / 64QAM

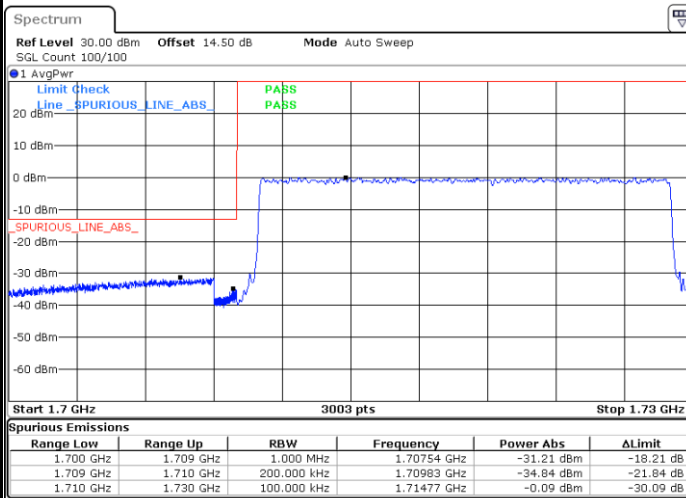
Lowest Band Edge / 1 RB



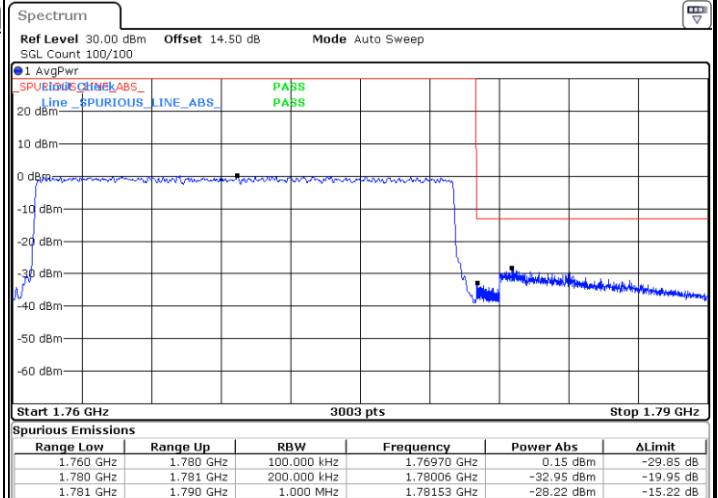
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

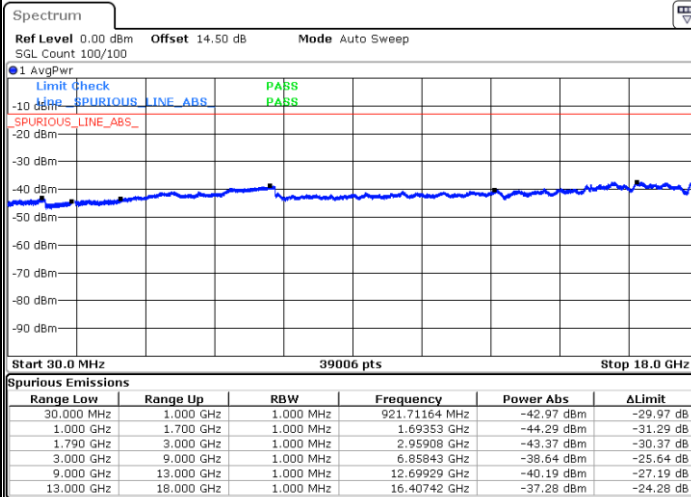




Conducted Spurious Emission

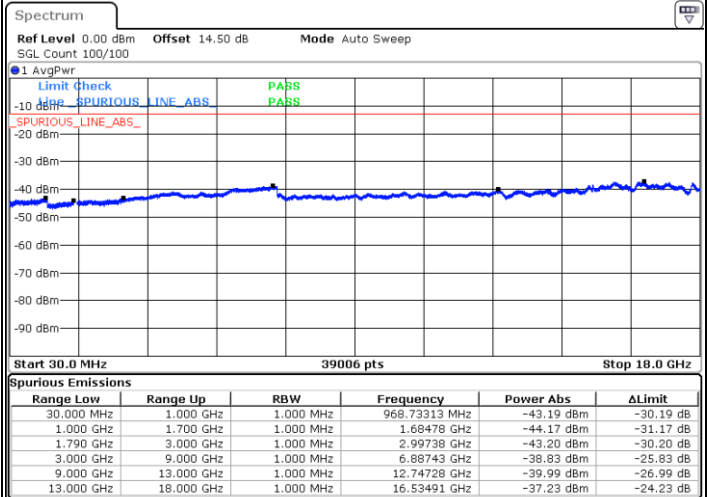
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



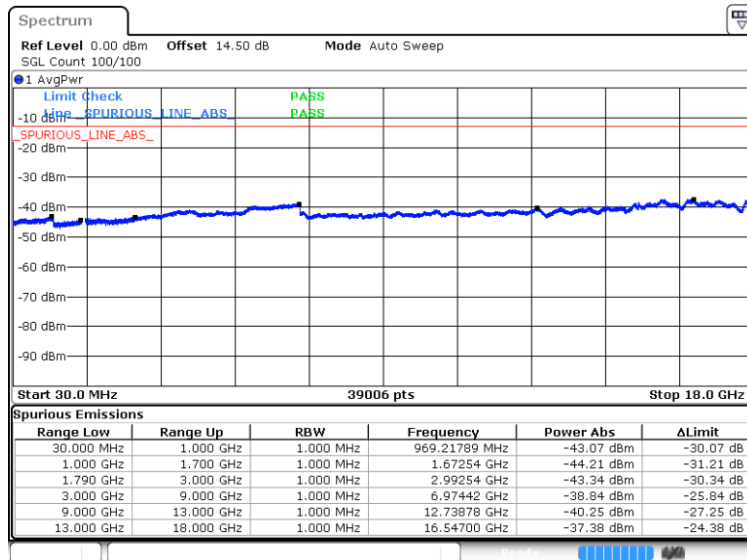
Date: 5 SEP 2023 13:55:24

Middle Channel / QPSK



Date: 5 SEP 2023 13:58:55

Highest Channel / QPSK

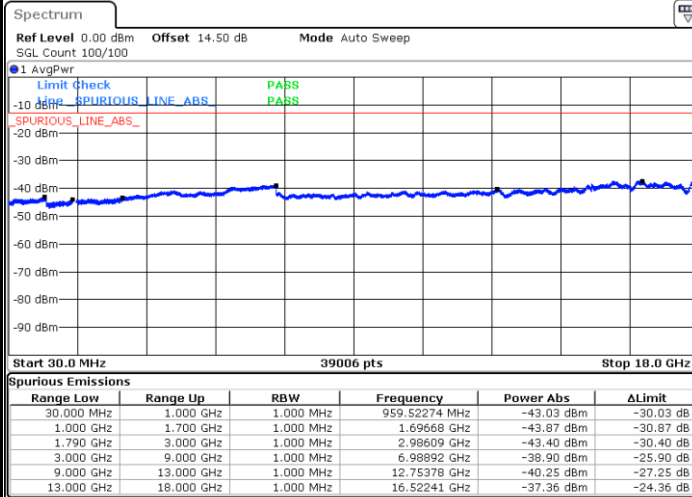


Date: 5 SEP 2023 14:03:46



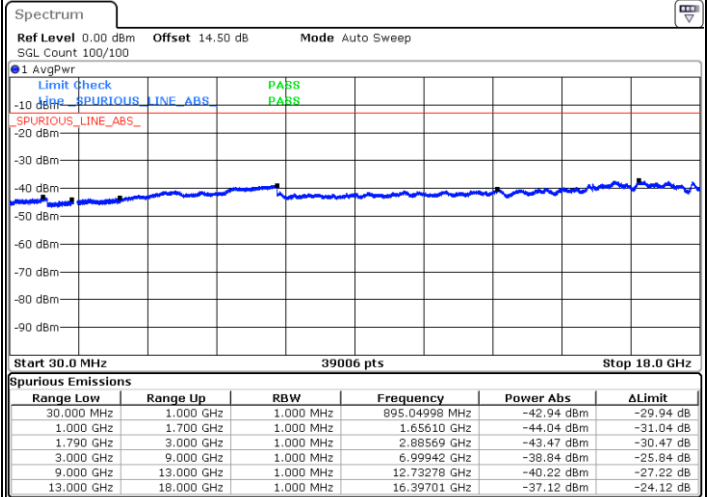
LTE Band 66 / 3MHz

Lowest Channel / QPSK



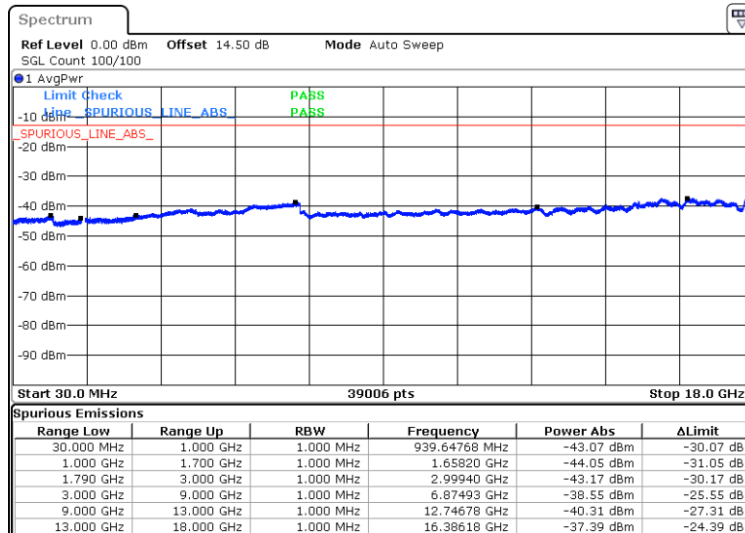
Date: 5 SEP. 2023 14:11:16

Middle Channel / QPSK



Date: 5 SEP. 2023 14:14:47

Highest Channel / QPSK

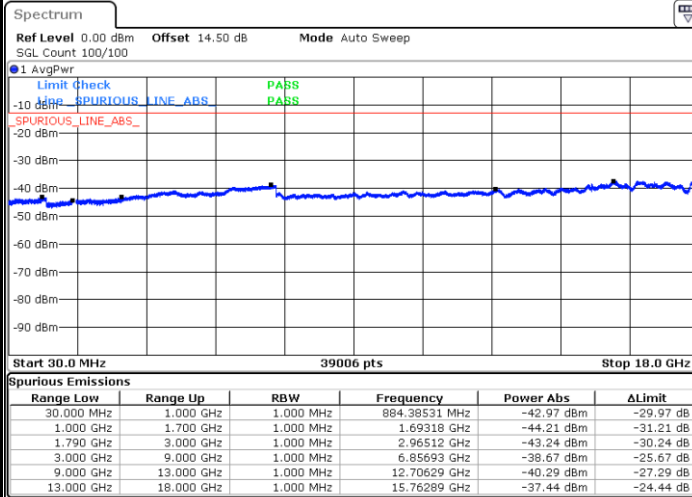


Date: 5 SEP. 2023 14:21:53



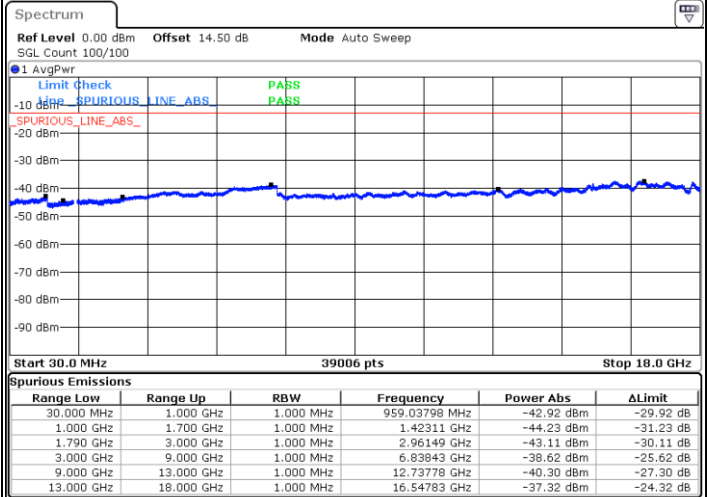
LTE Band 66 / 5MHz

Lowest Channel / QPSK



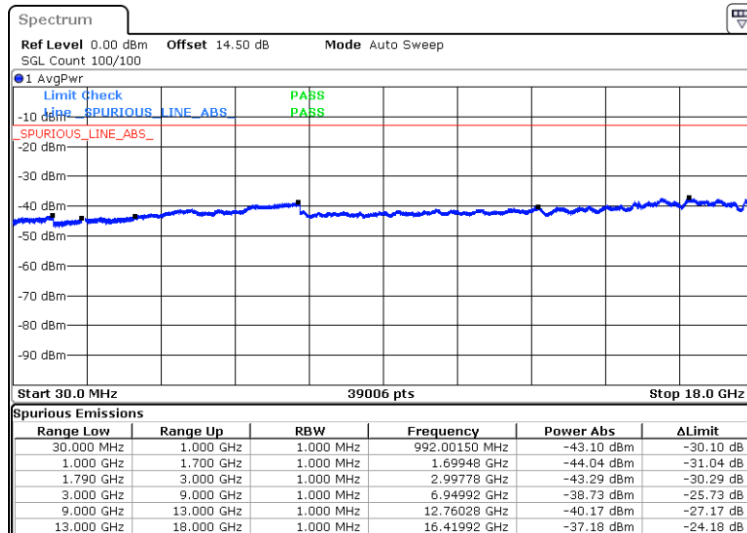
Date: 5 SEP 2023 14:36:26

Middle Channel / QPSK



Date: 5 SEP 2023 14:32:16

Highest Channel / QPSK

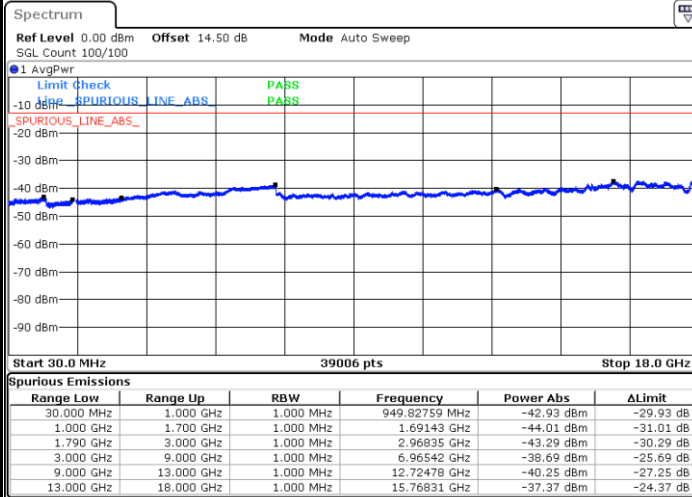


Date: 5 SEP 2023 14:44:30



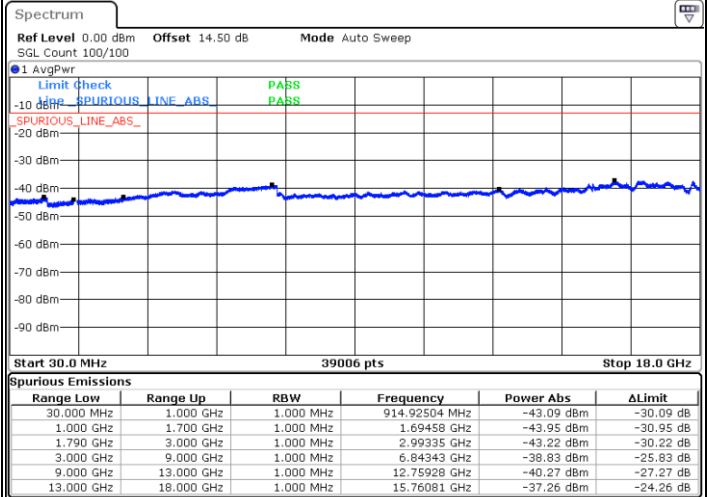
LTE Band 66 / 10MHz

Lowest Channel / QPSK



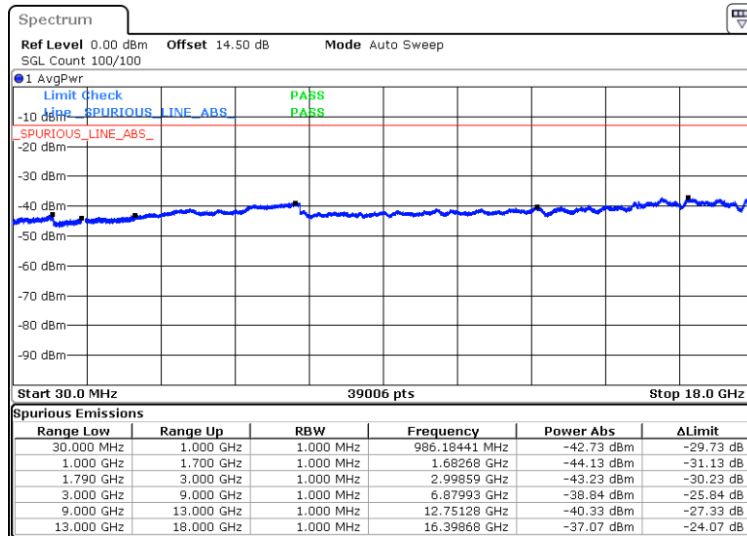
Date: 5 SEP 2023 15:01:08

Middle Channel / QPSK



Date: 5 SEP 2023 14:54:41

Highest Channel / QPSK

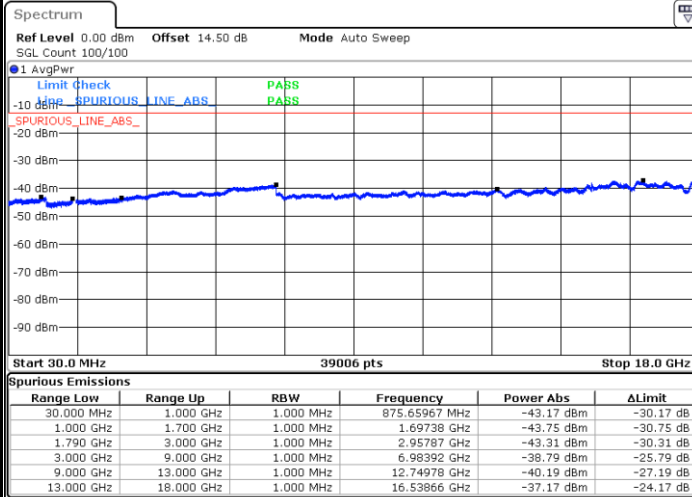


Date: 5 SEP 2023 15:06:55



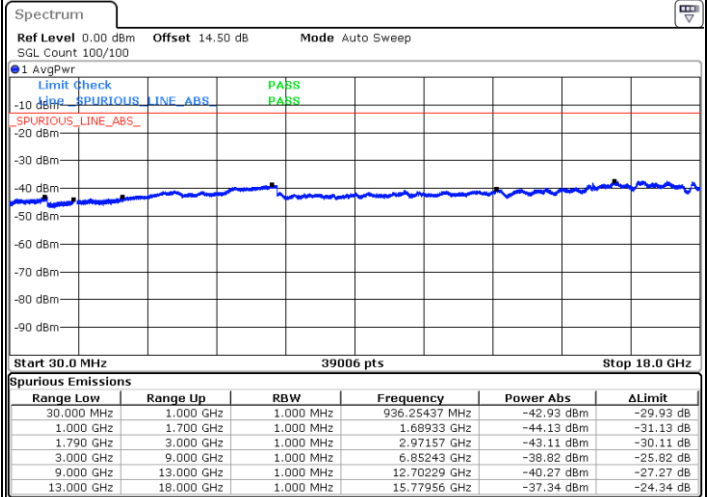
LTE Band 66 / 15MHz

Lowest Channel / QPSK



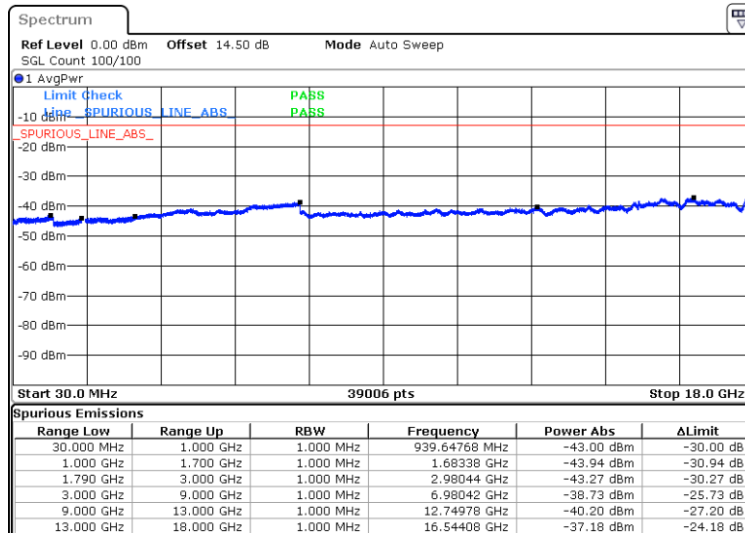
Date: 5 SEP 2023 15:39:49

Middle Channel / QPSK



Date: 5 SEP 2023 15:33:22

Highest Channel / QPSK

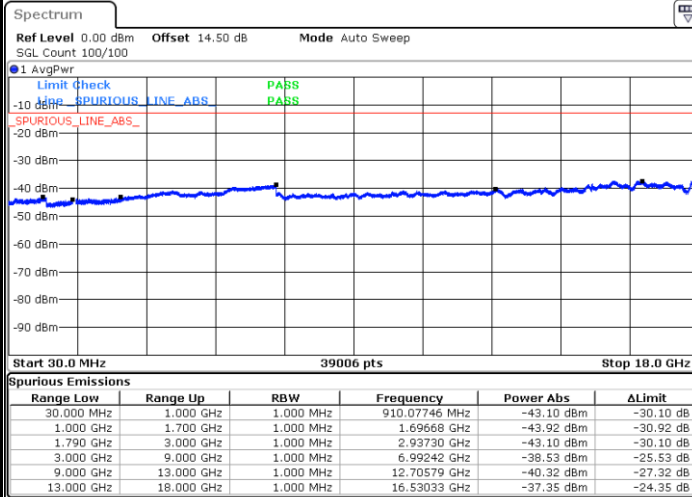


Date: 5 SEP 2023 15:45:37



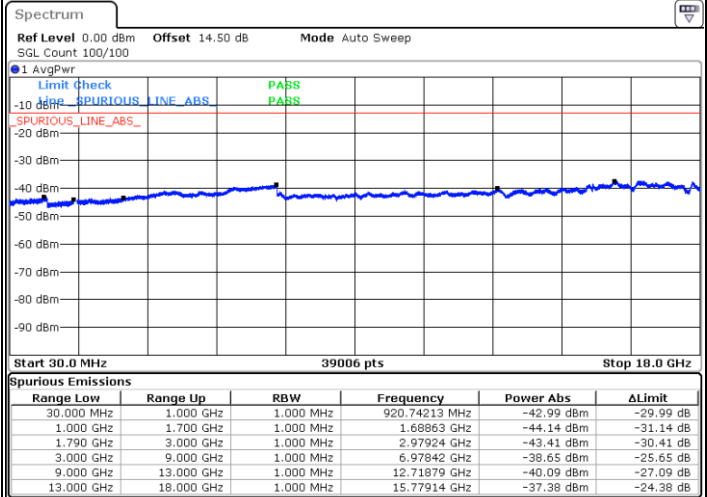
LTE Band 66 / 20MHz

Lowest Channel / QPSK



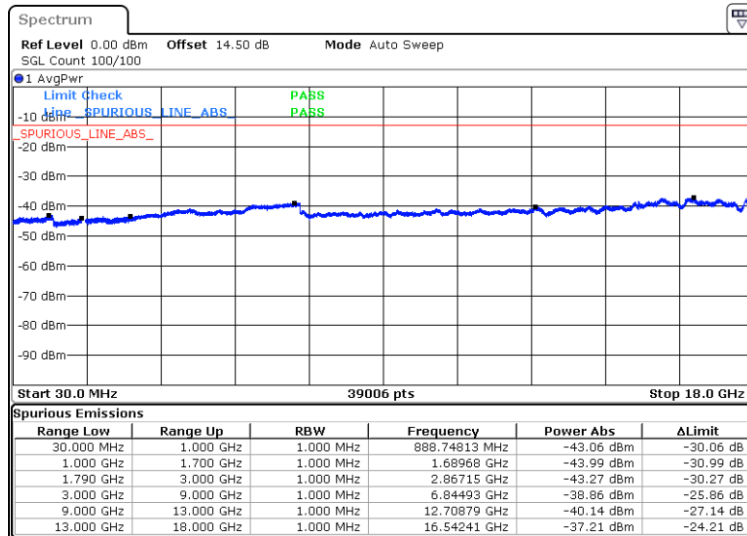
Date: 5 SEP. 2023 15:56:45

Middle Channel / QPSK



Date: 5 SEP. 2023 15:48:14

Highest Channel / QPSK



Date: 5 SEP. 2023 16:04:32

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0058	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0072	

Note:

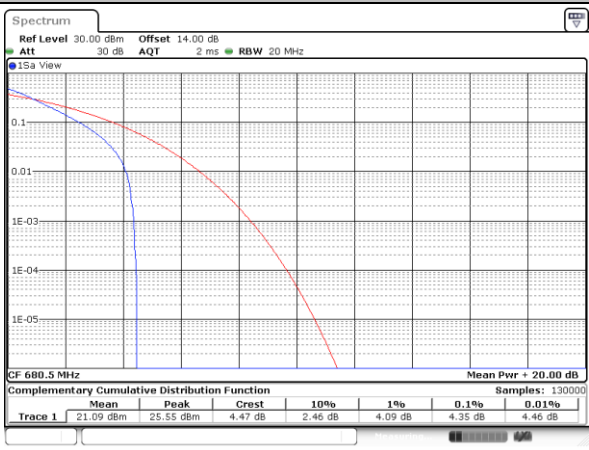
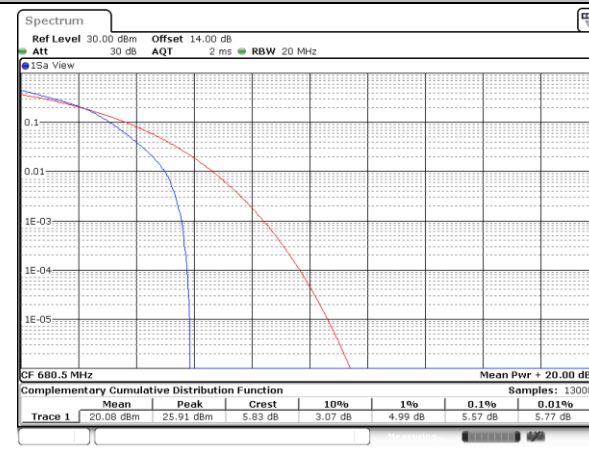
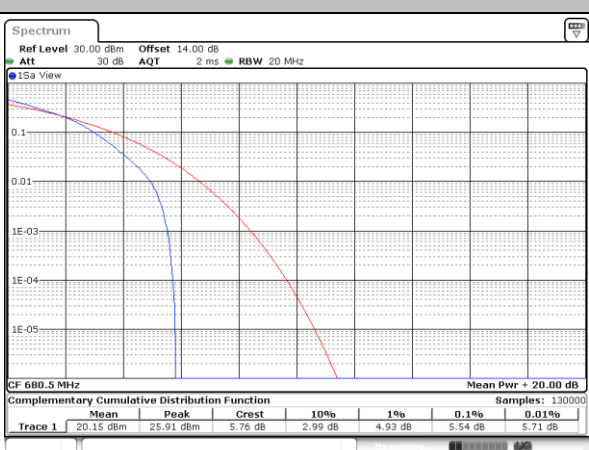
1. Normal Voltage = 7.82 V. ; Battery End Point (BEP) = 6.8 V. ; Maximum Voltage = 9 V..
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

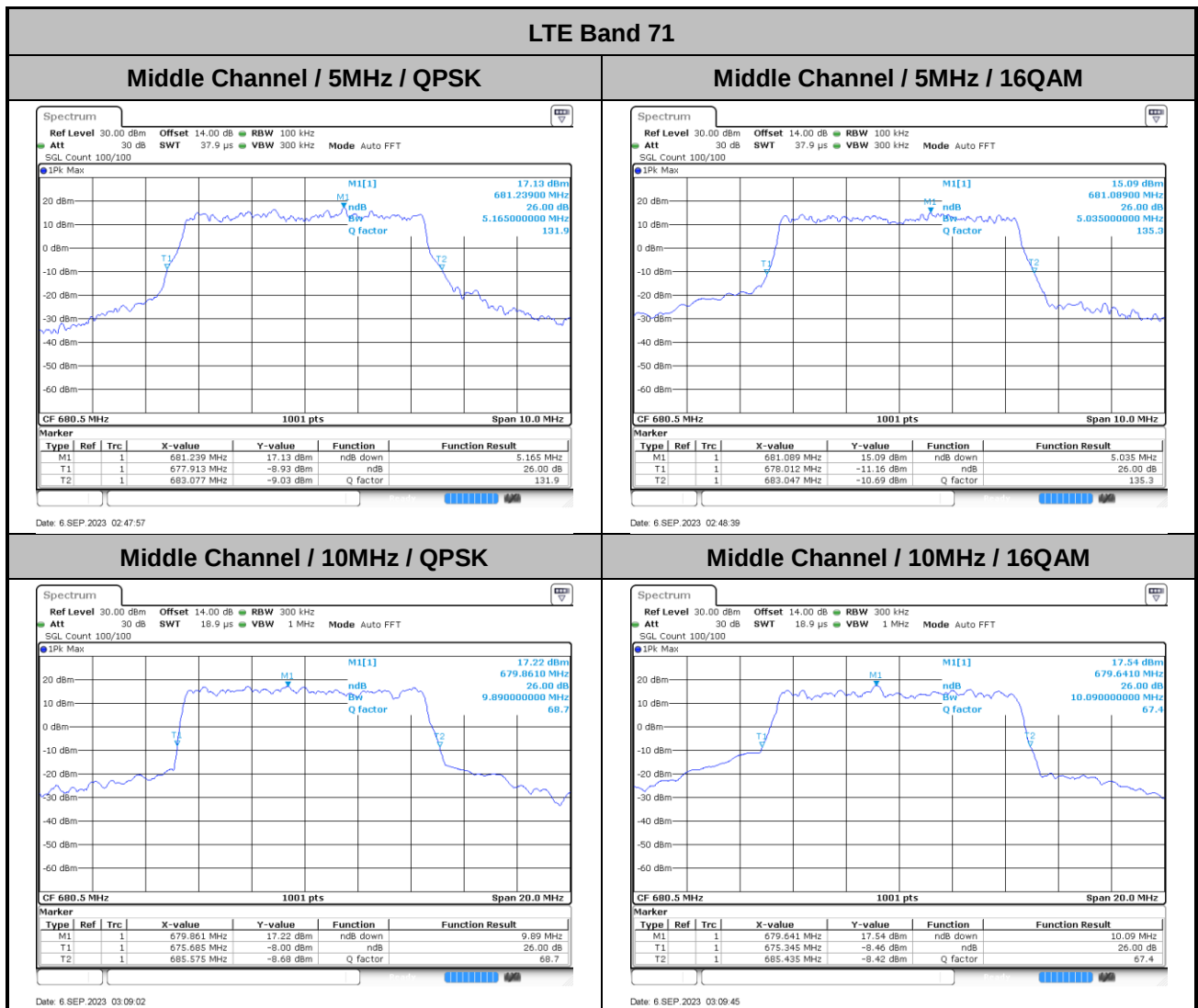
Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.35	5.57	5.54	PASS

LTE Band 71 / 20MHz / QPSK	LTE Band 71 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 71 / 20MHz / 64QAM	NA
Middle Channel / Full RB	NA
	NA



26dB Bandwidth

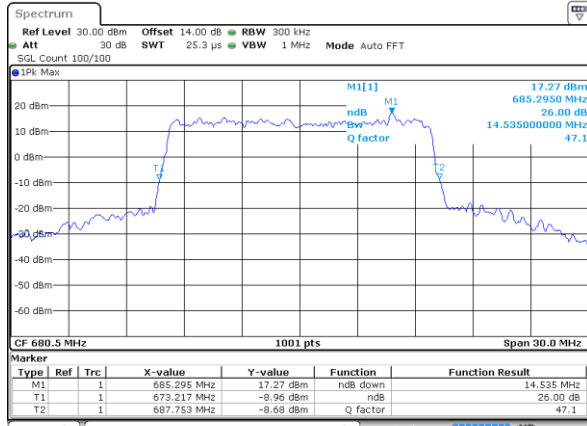
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	-		-		5MHz		10MHz		15MHz		20MHz	
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.17	5.04	9.89	10.09	14.54	14.36	18.74	18.94



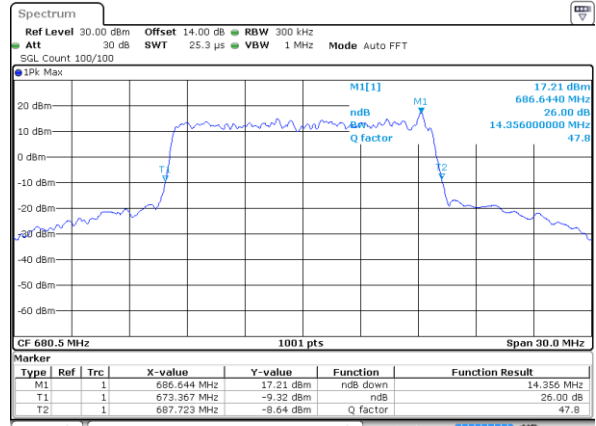


LTE Band 71

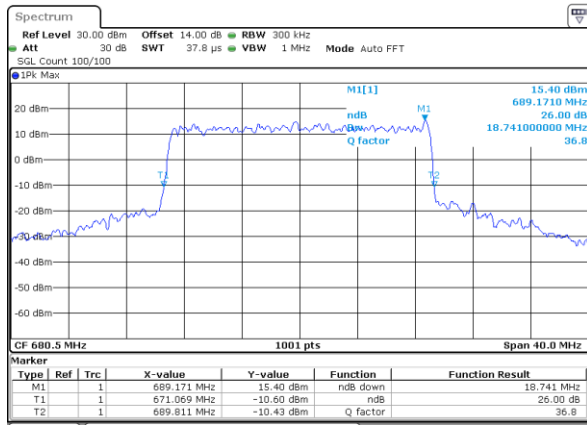
Middle Channel / 15MHz / QPSK



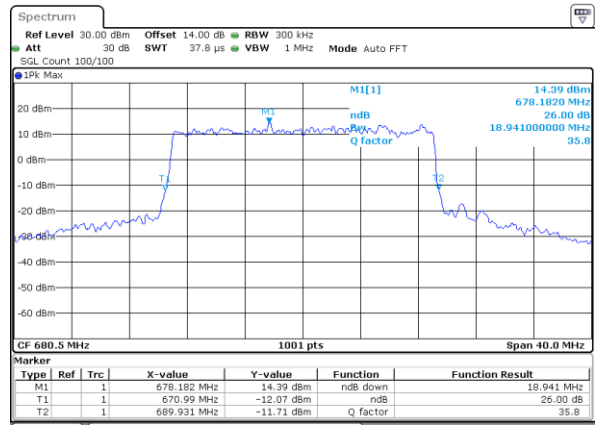
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



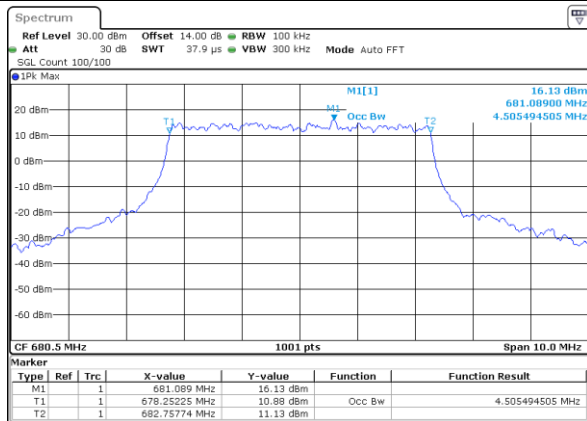


Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)											
BW	-			5MHz		10MHz		15MHz		20MHz		
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.51	4.48	9.05	9.07	13.49	13.46	17.90	17.94

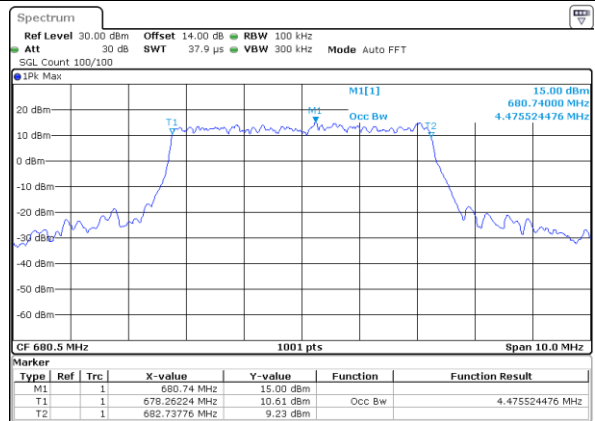
LTE Band 71

Middle Channel / 5MHz / QPSK



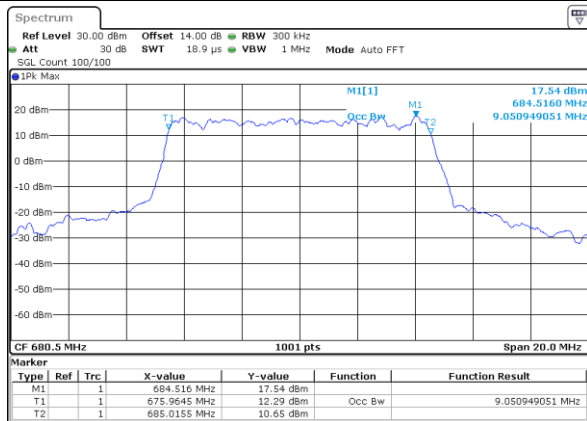
Date: 6 SEP 2023 02:47:43

Middle Channel / 5MHz / 16QAM



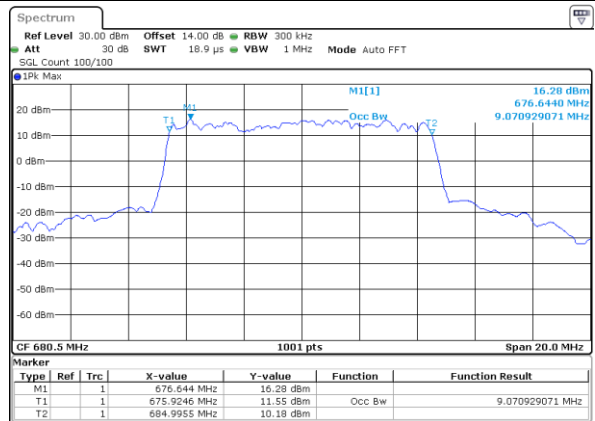
Date: 6 SEP 2023 02:48:26

Middle Channel / 10MHz / QPSK



Date: 6 SEP 2023 03:08:48

Middle Channel / 10MHz / 16QAM

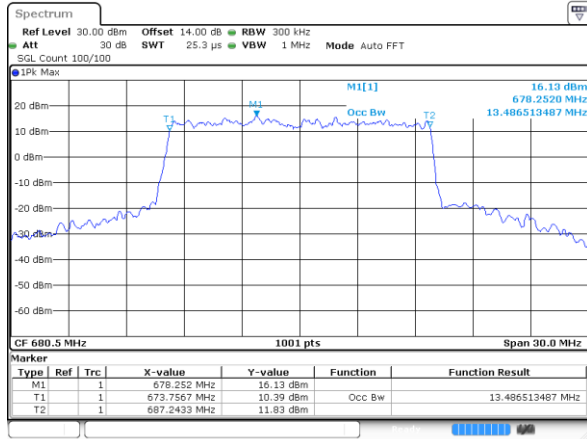


Date: 6 SEP 2023 03:09:31

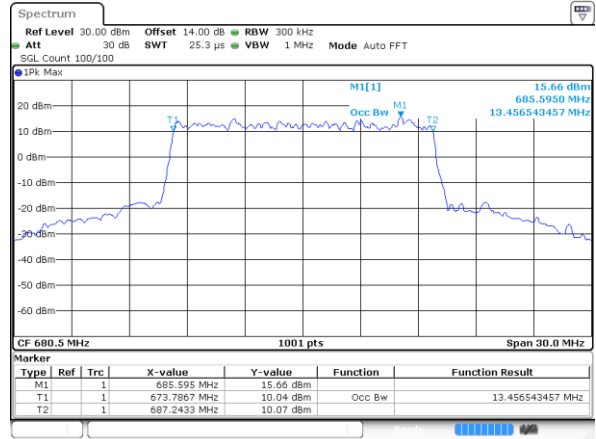


LTE Band 71

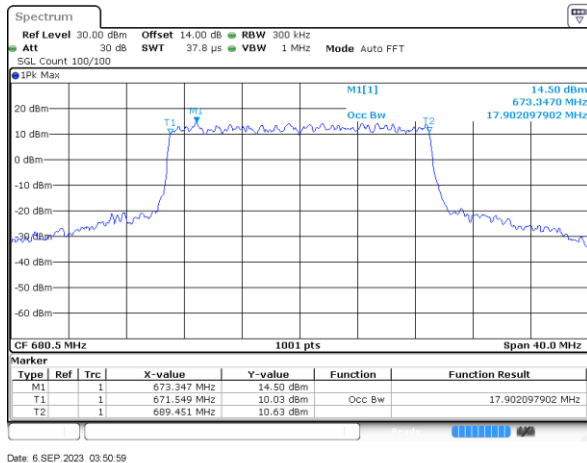
Middle Channel / 15MHz / QPSK



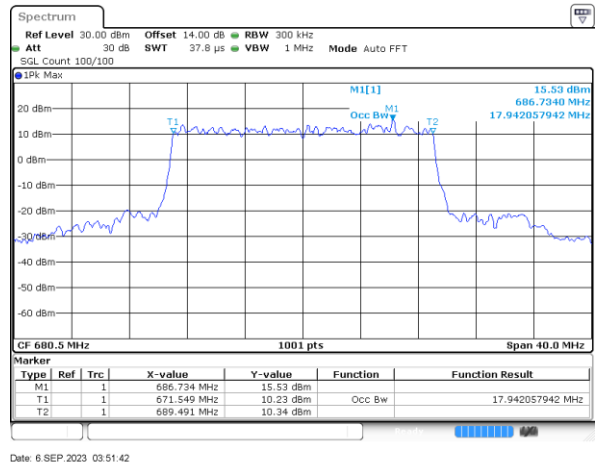
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

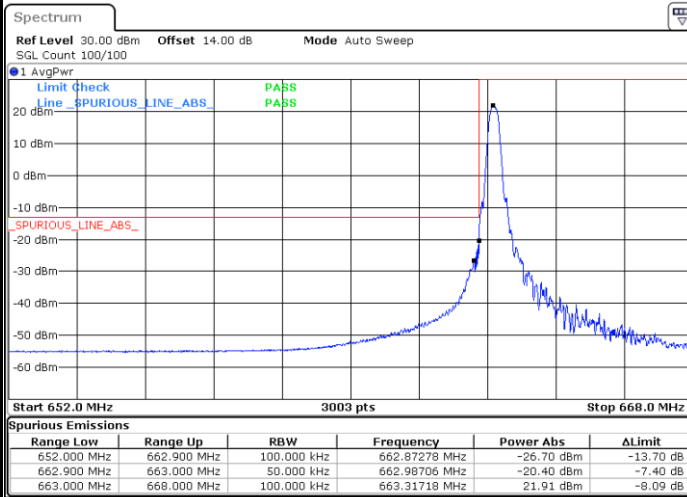




Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



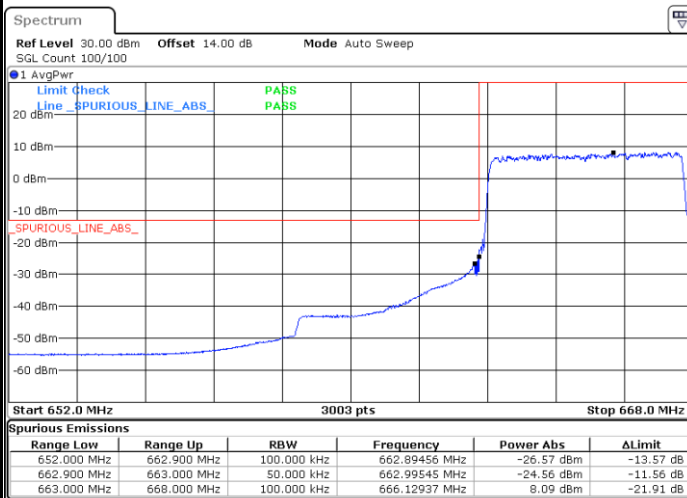
Date: 6 SEP 2023 02:38:53

Highest Band Edge / 1 RB



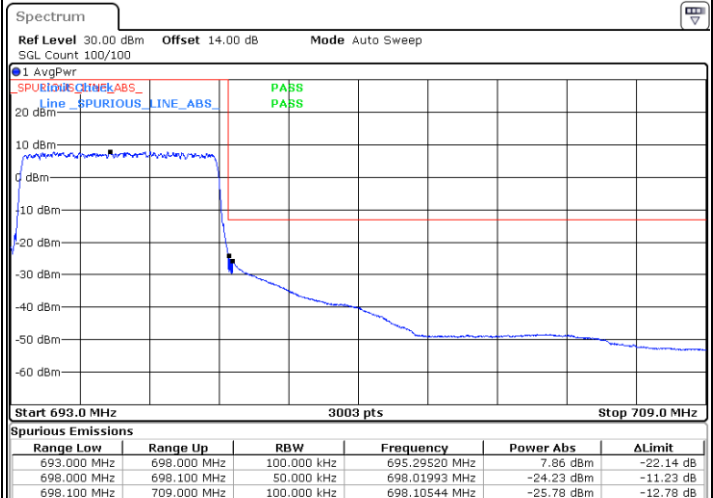
Date: 6 SEP 2023 02:49:47

Lowest Band Edge / Full RB



Date: 6 SEP 2023 02:42:20

Highest Band Edge / Full RB

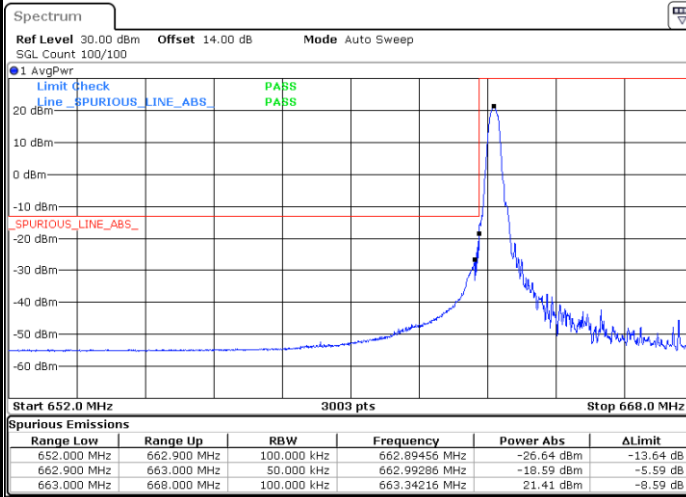


Date: 6 SEP 2023 02:53:14

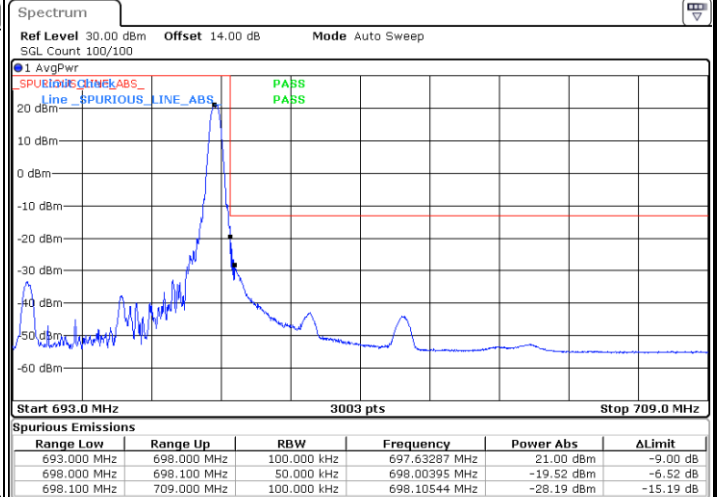


LTE Band 71 / 5MHz / 16QAM

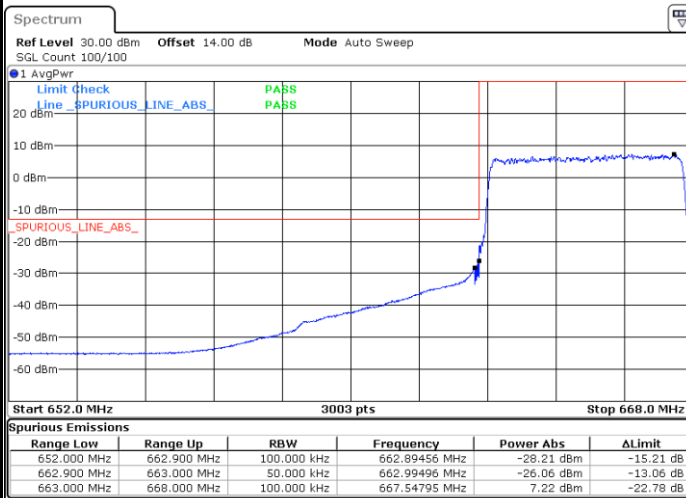
Lowest Band Edge / 1RB



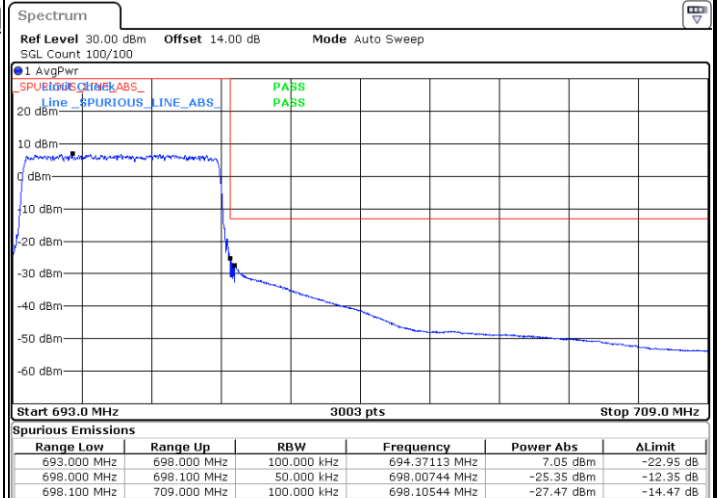
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



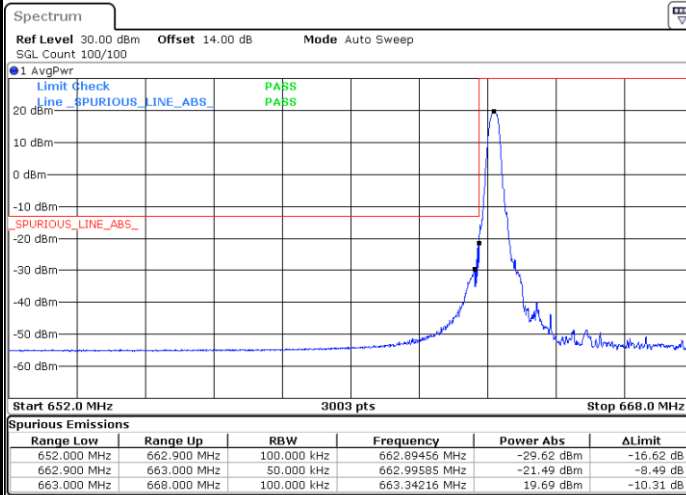
Highest Band Edge / Full RB



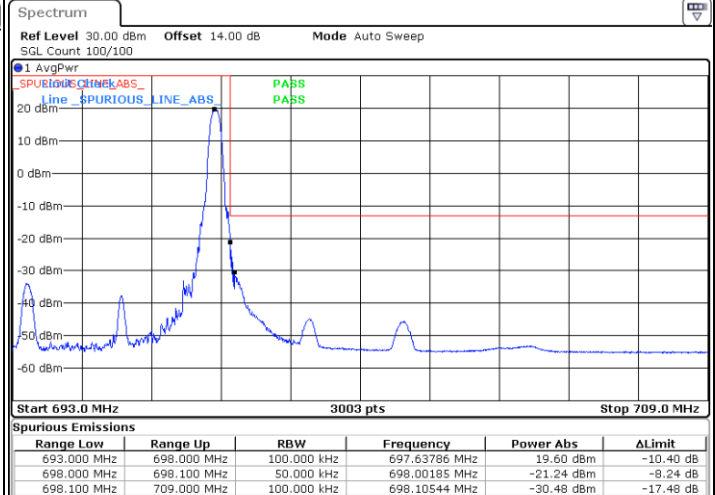


LTE Band 71 / 5MHz / 64QAM

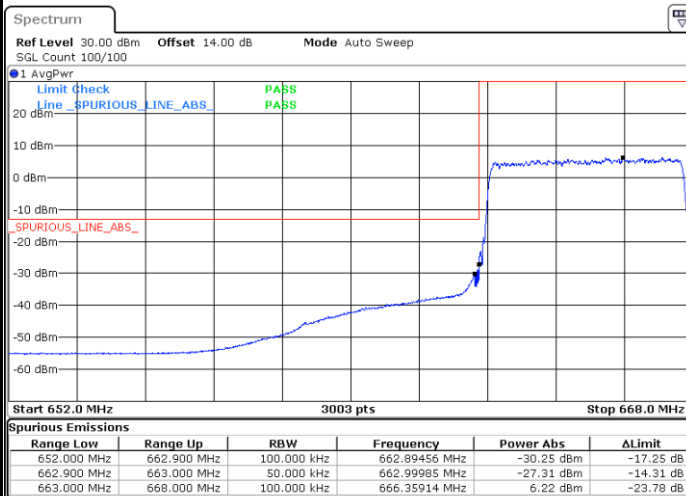
Lowest Band Edge / 1RB



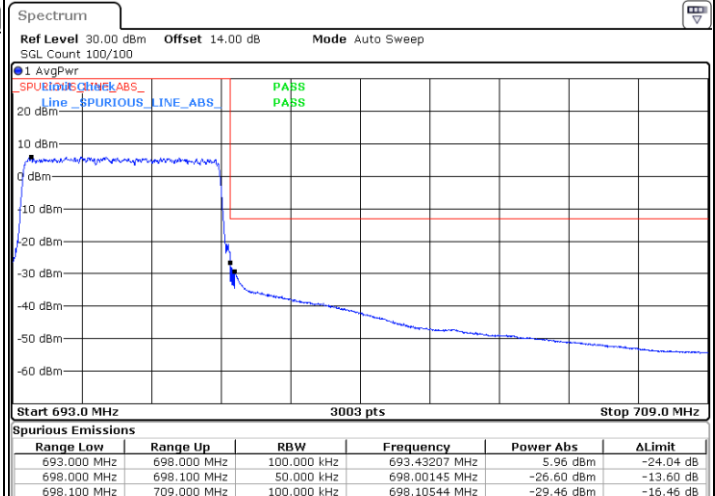
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



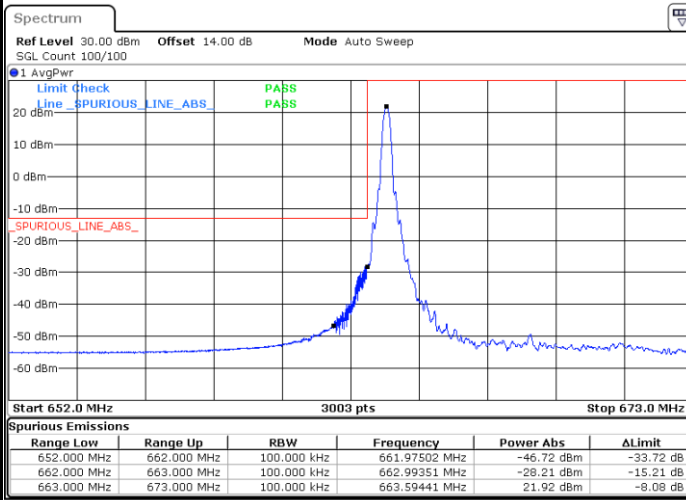
Highest Band Edge / Full RB



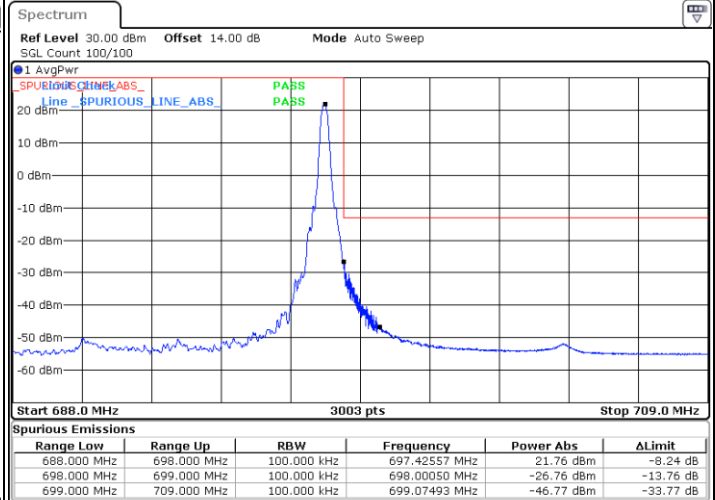


LTE Band 71 / 10MHz / QPSK

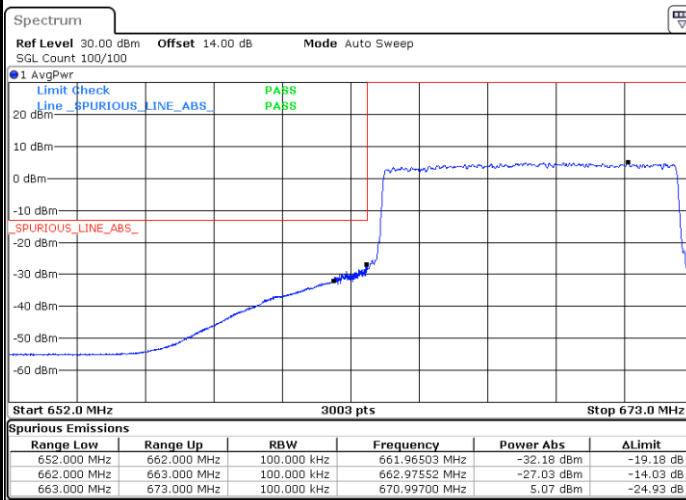
Lowest Band Edge / 1 RB



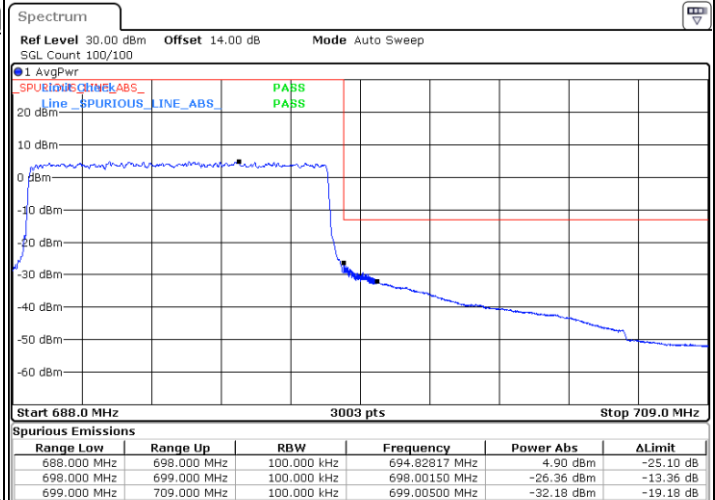
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



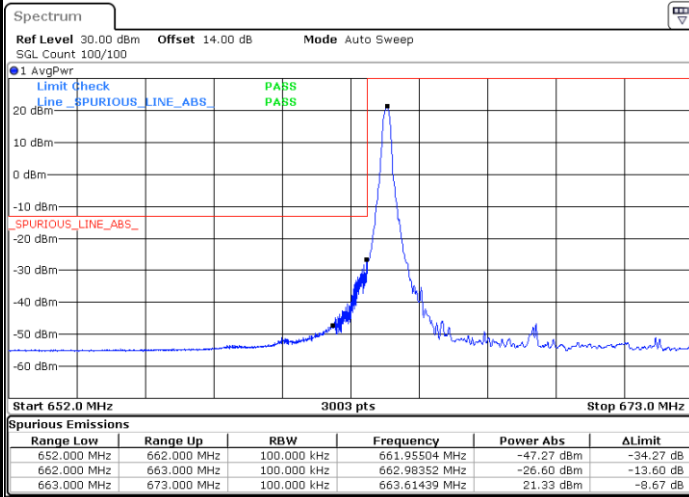
Highest Band Edge / Full RB



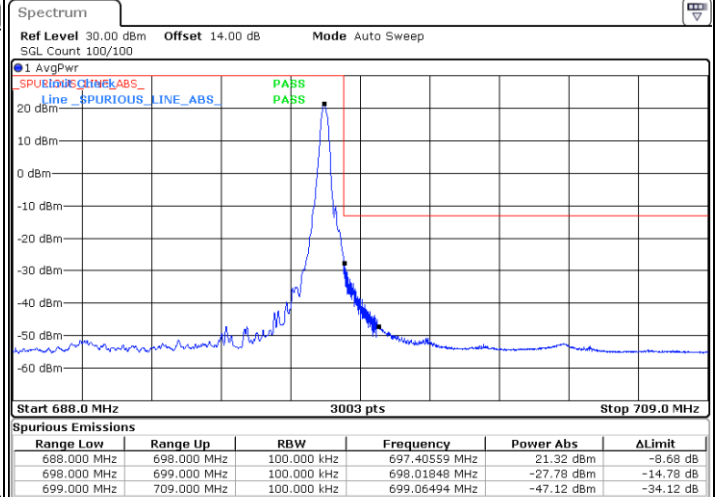


LTE Band 71 / 10MHz / 16QAM

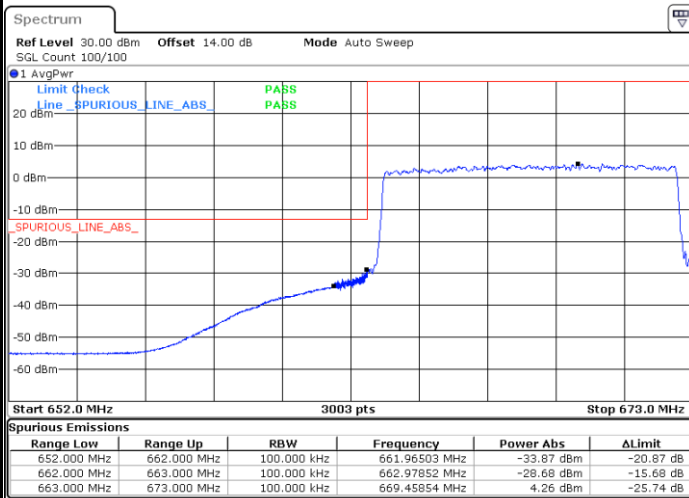
Lowest Band Edge / 1RB



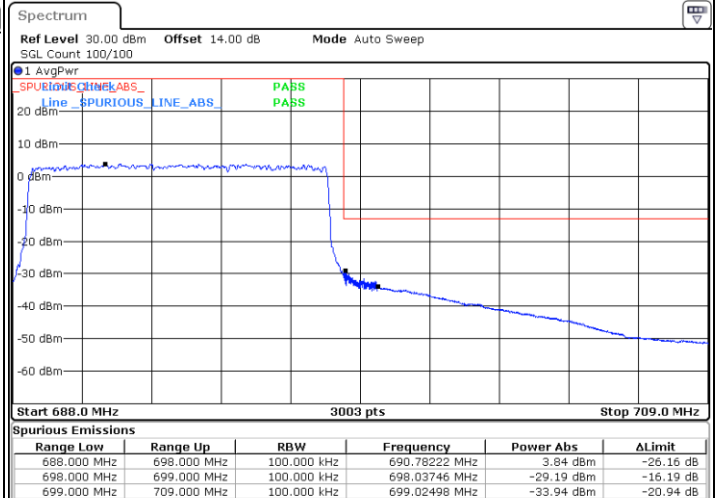
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



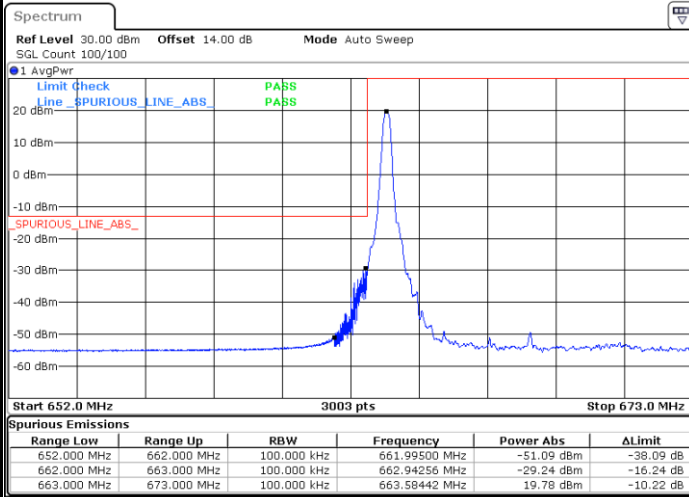
Highest Band Edge / Full RB



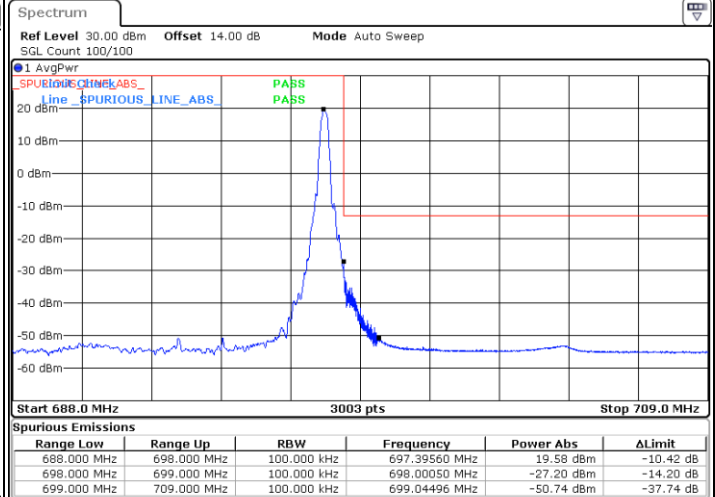


LTE Band 71 / 10MHz / 64QAM

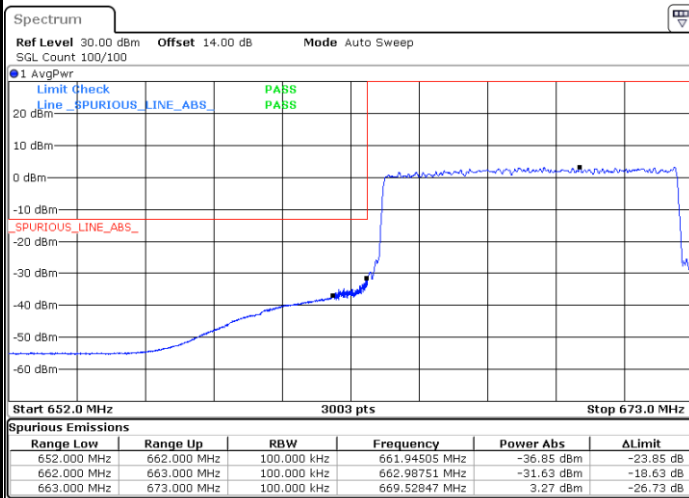
Lowest Band Edge / 1RB



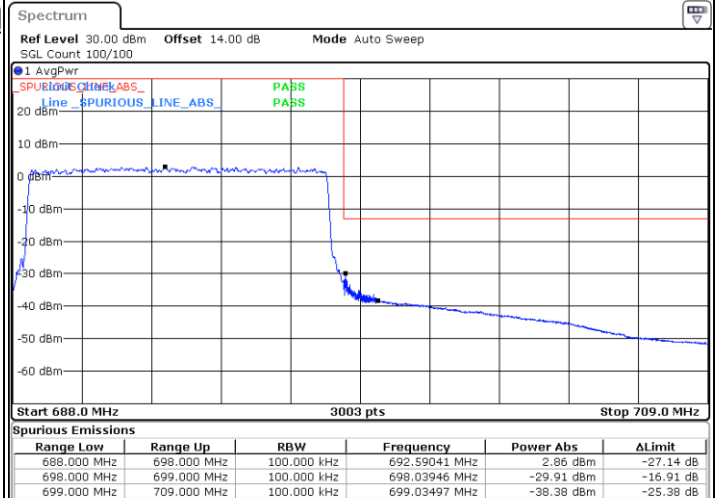
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



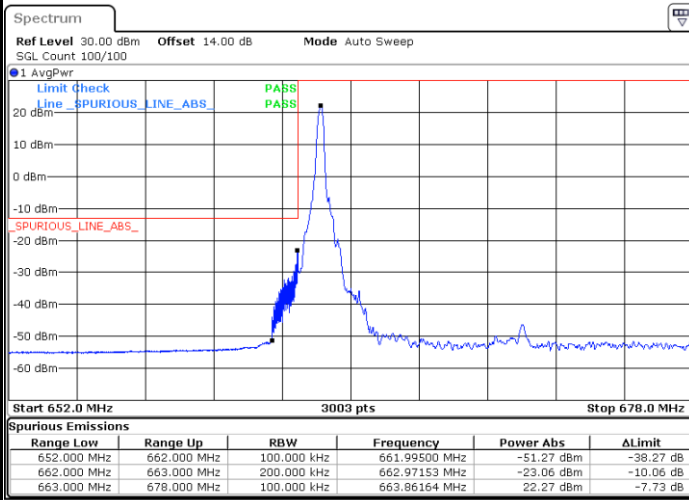
Highest Band Edge / Full RB





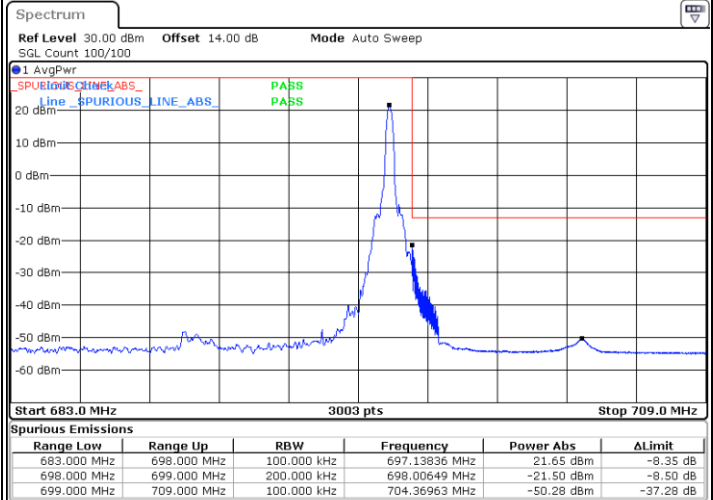
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



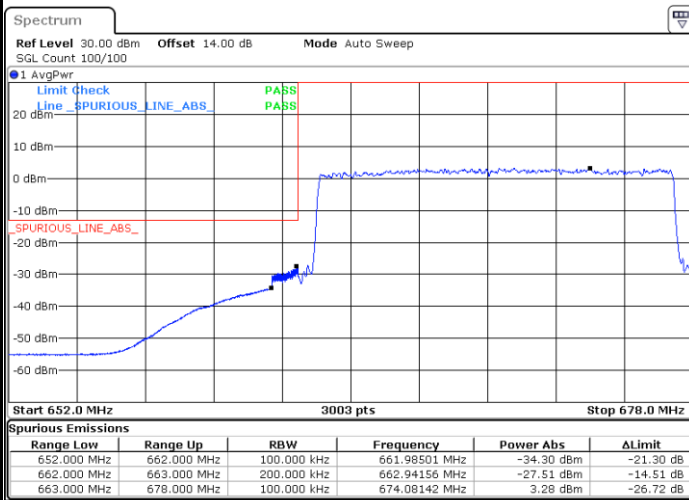
Date: 6 SEP 2023 03:21:04

Highest Band Edge / 1 RB



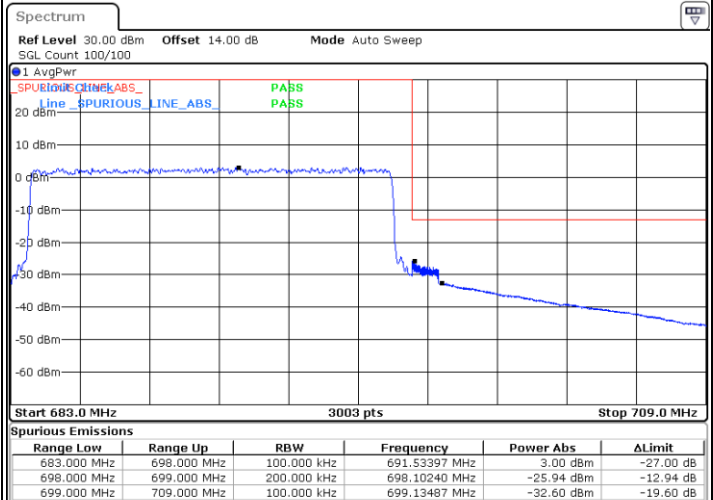
Date: 6 SEP 2023 03:31:58

Lowest Band Edge / Full RB



Date: 6 SEP 2023 03:24:31

Highest Band Edge / Full RB

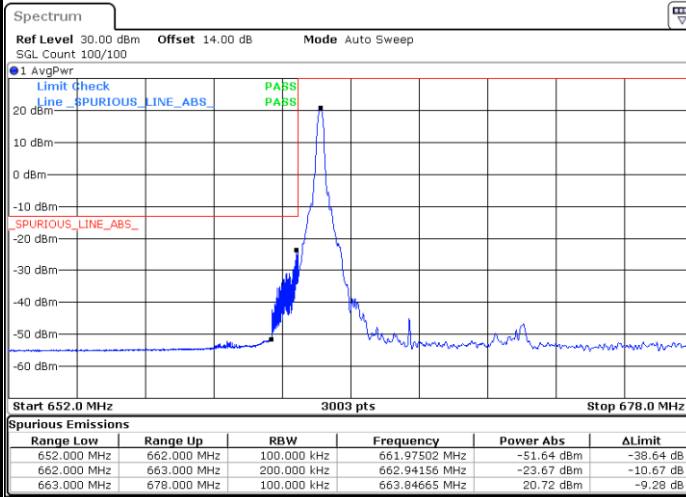


Date: 6 SEP 2023 03:35:25

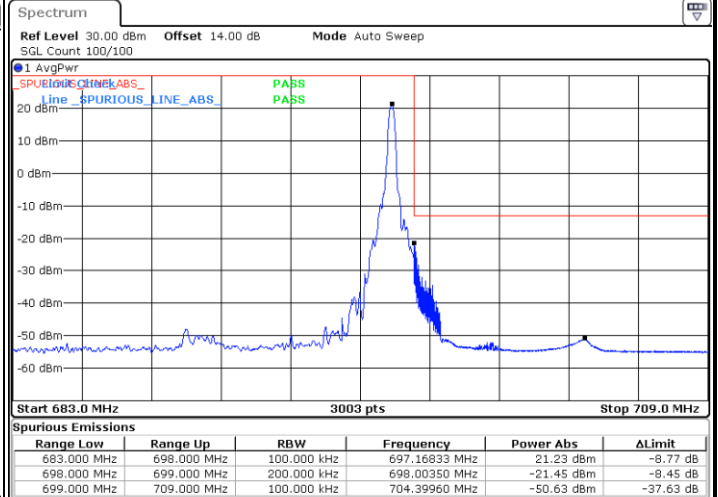


LTE Band 71 / 15MHz / 16QAM

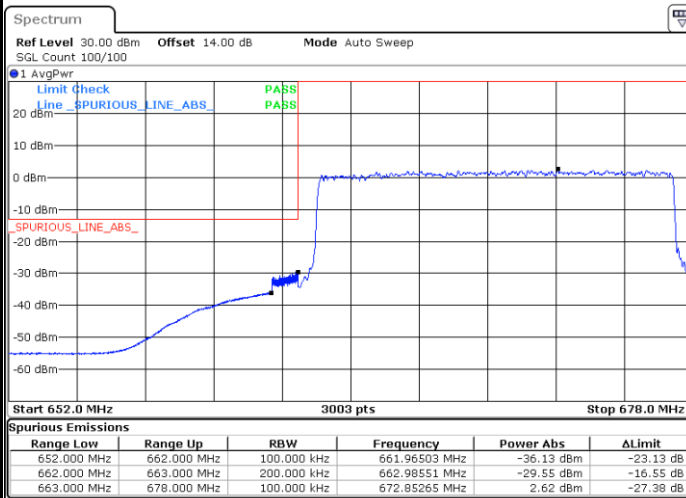
Lowest Band Edge / 1RB



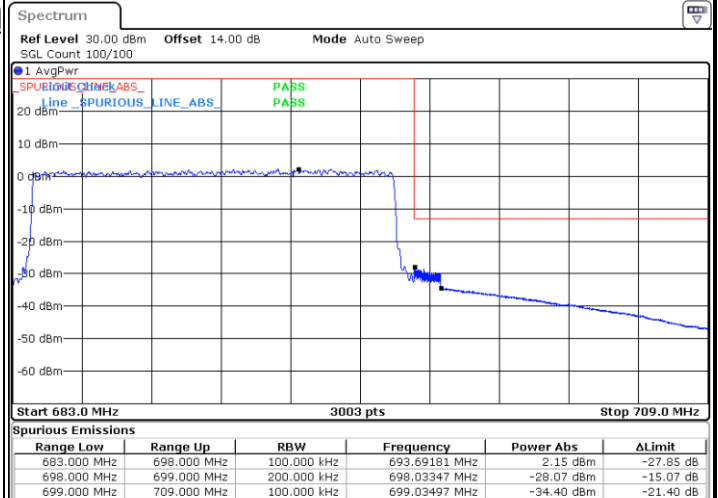
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



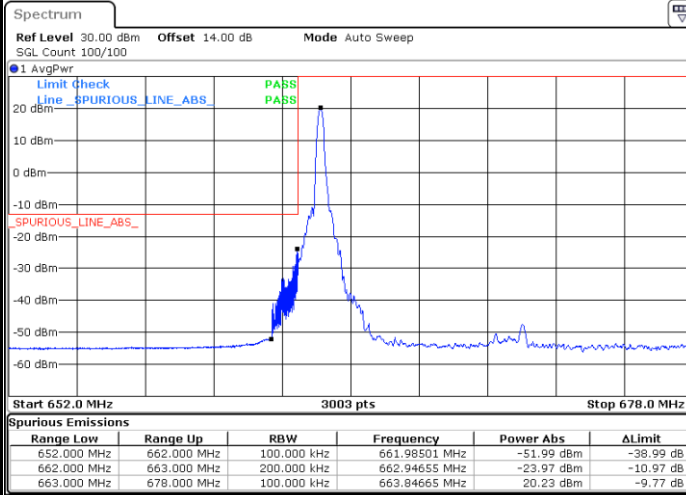
Highest Band Edge / Full RB



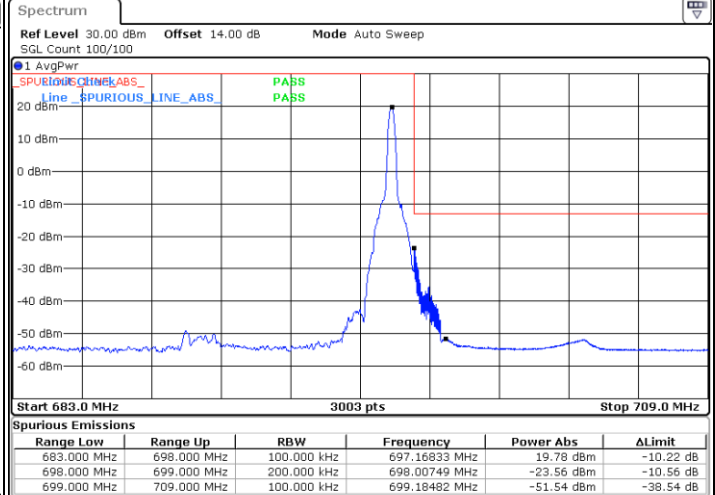


LTE Band 71 / 15MHz / 64QAM

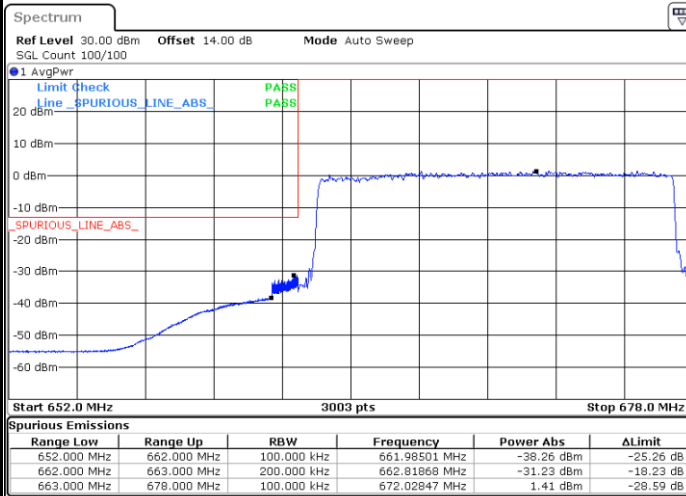
Lowest Band Edge / 1RB



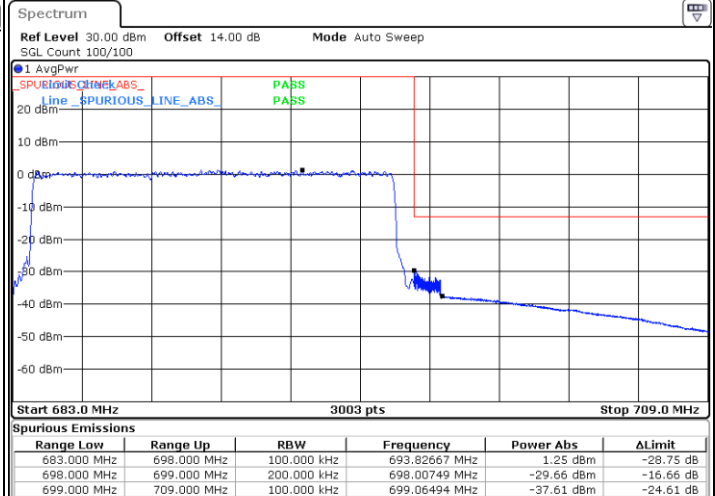
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



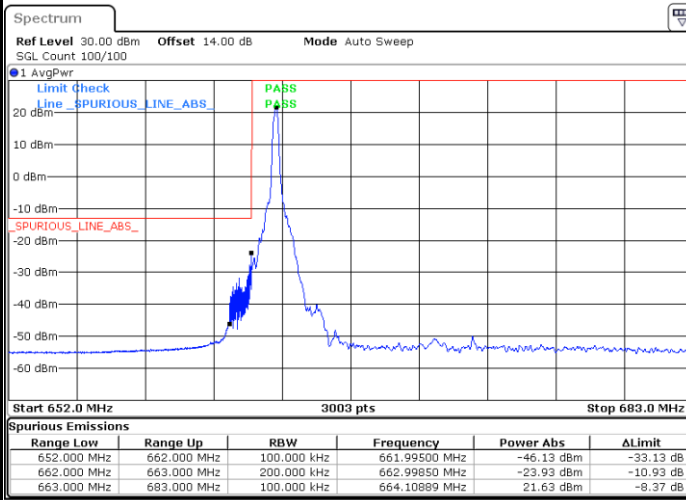
Highest Band Edge / Full RB



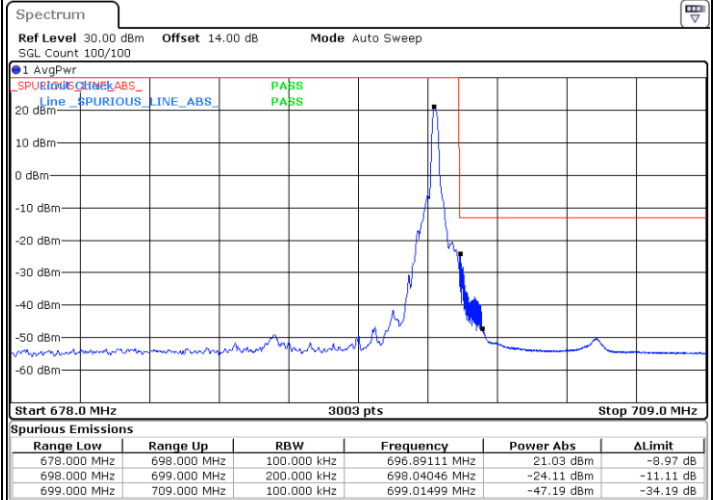


LTE Band 71 / 20MHz / QPSK

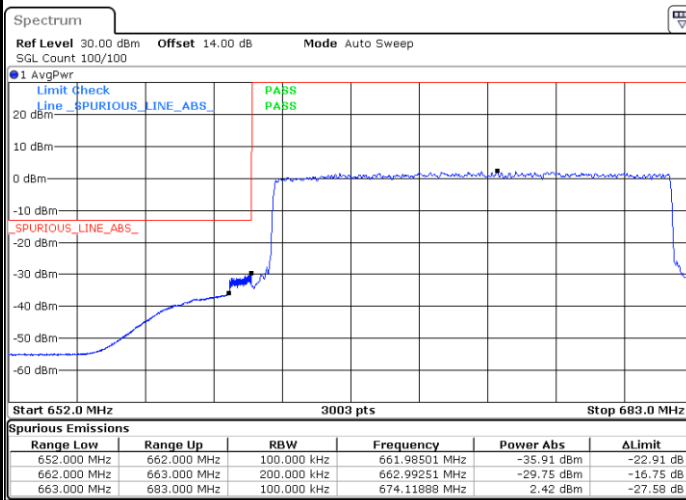
Lowest Band Edge / 1 RB



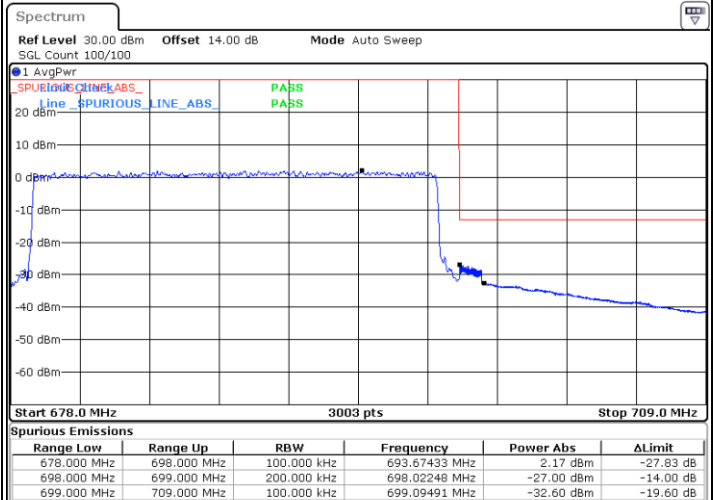
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

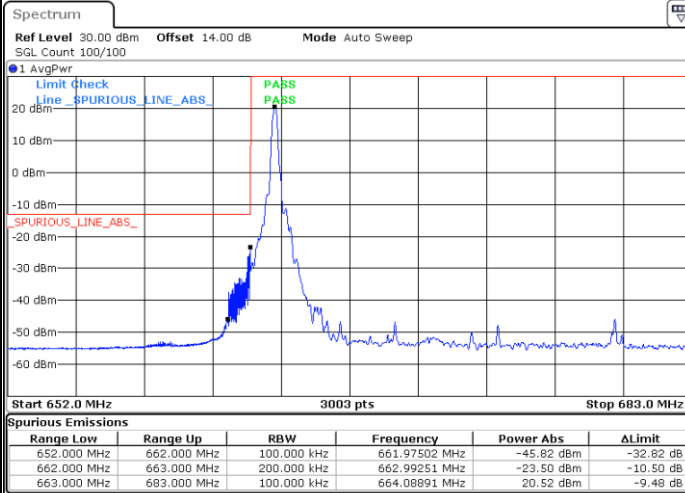


Highest Band Edge / Full RB



LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1RB



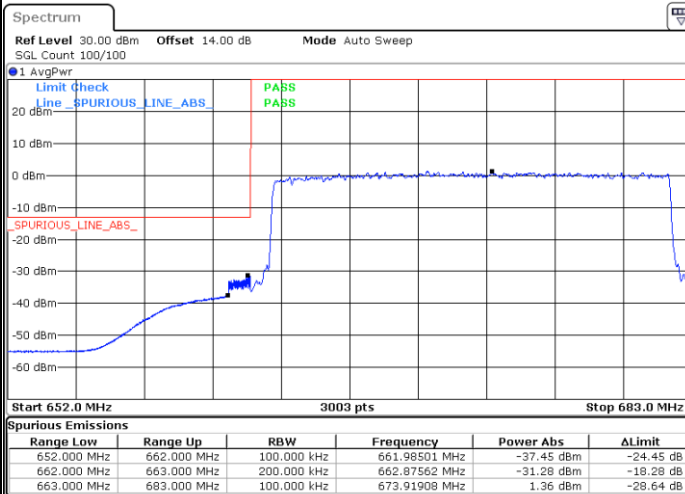
Date: 6.SEP.2023 03:43:18

Highest Band Edge / 1 RB



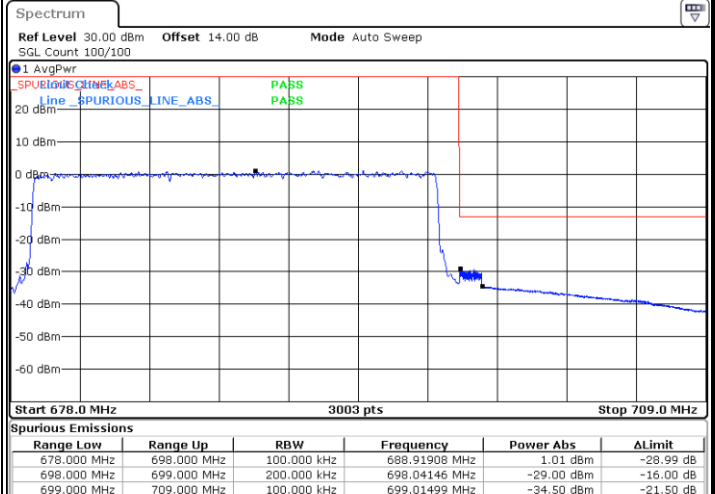
Date: 6.SEP.2023 03:55:42

Lowest Band Edge / Full RB



Date: 6.SEP.2023 03:46:45

Highest Band Edge / Full RB

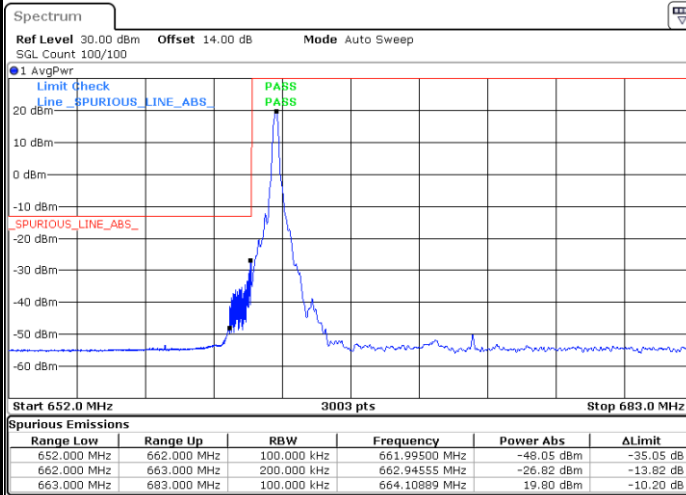


Date: 6.SEP.2023 03:59:09



LTE Band 71 / 20MHz / 64QAM

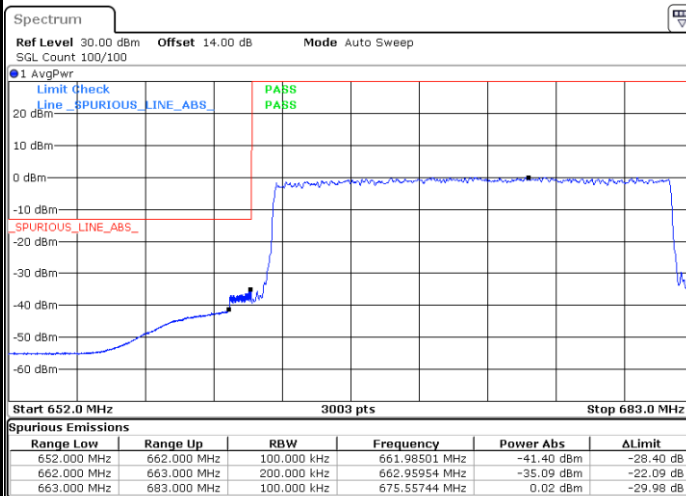
Lowest Band Edge / 1RB



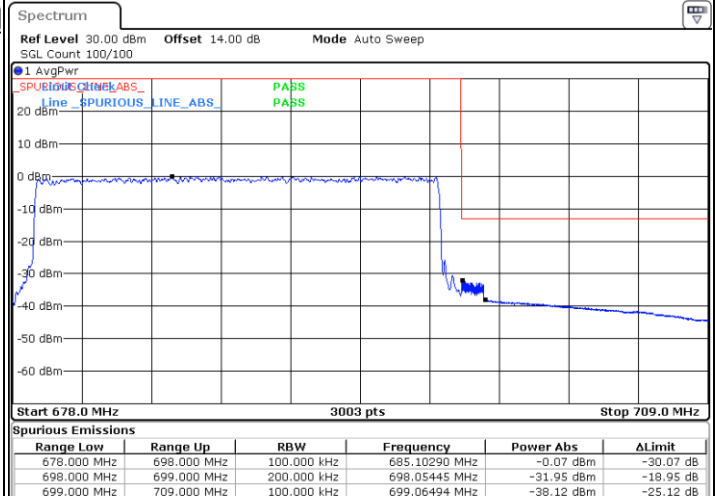
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

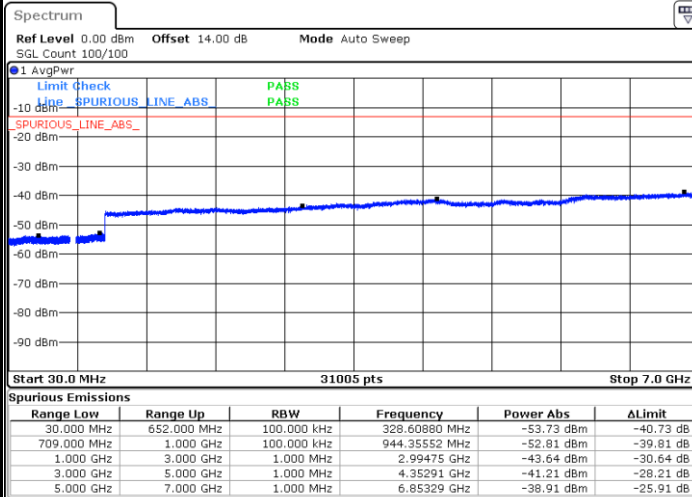




Conducted Spurious Emission

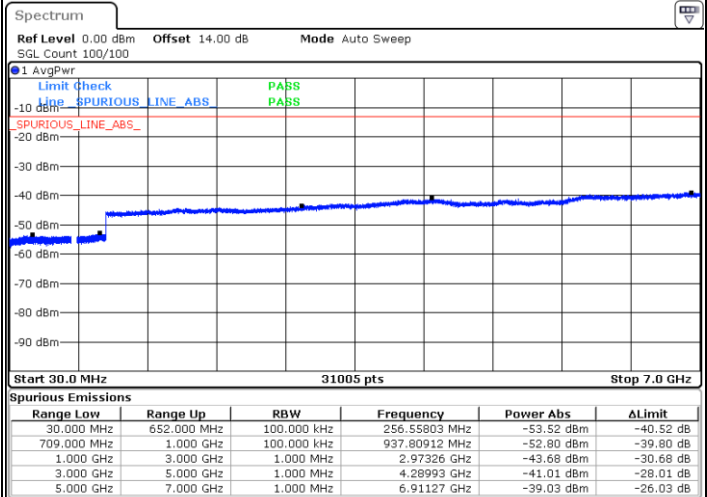
LTE Band 71 / 5MHz

Lowest Channel / QPSK



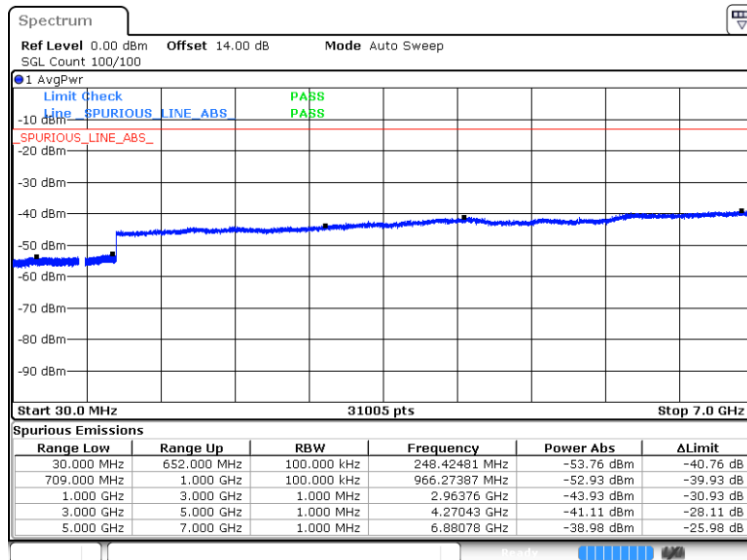
Date: 6 SEP. 2023 02:45:57

Middle Channel / QPSK



Date: 6 SEP. 2023 02:47:14

Highest Channel / QPSK

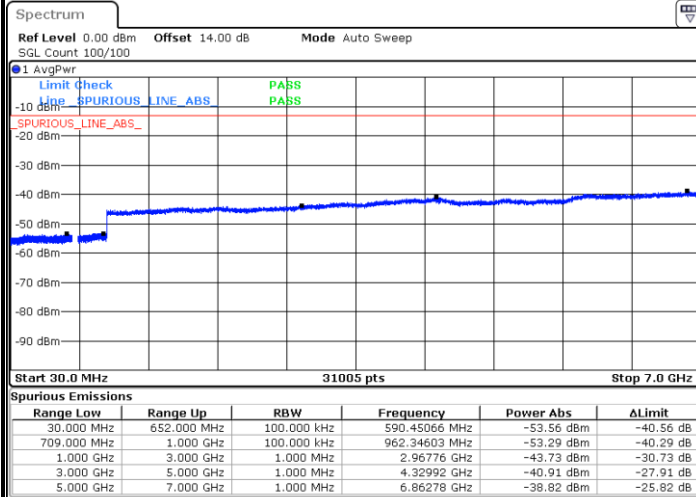


Date: 6 SEP. 2023 02:56:51



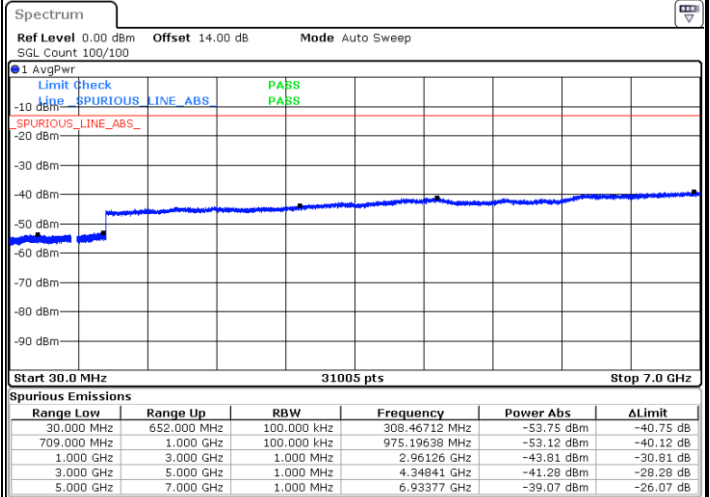
LTE Band 71 / 10MHz

Lowest Channel / QPSK



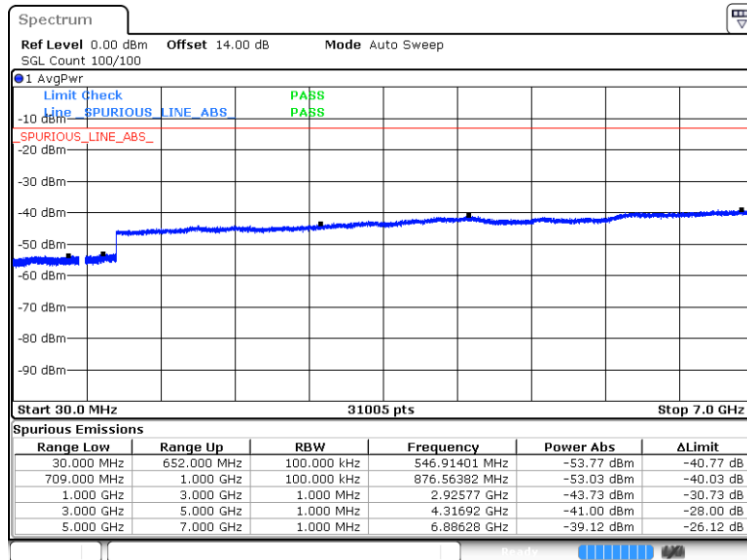
Date: 6 SEP. 2023 03:07:02

Middle Channel / QPSK



Date: 6 SEP. 2023 03:08:19

Highest Channel / QPSK

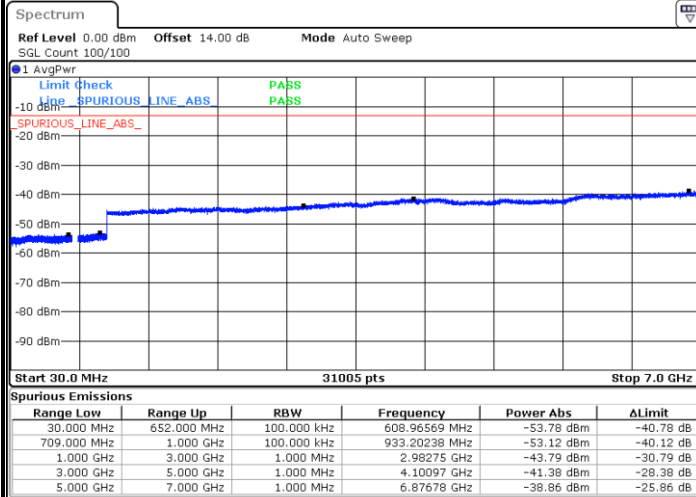


Date: 6 SEP. 2023 03:17:56



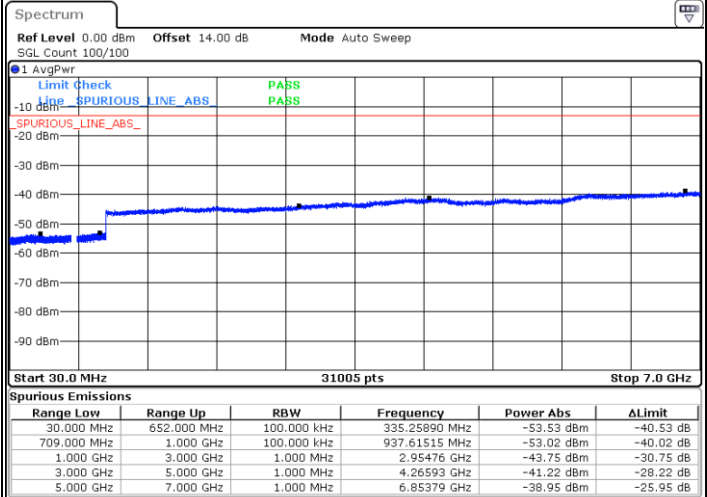
LTE Band 71 / 15MHz

Lowest Channel / QPSK



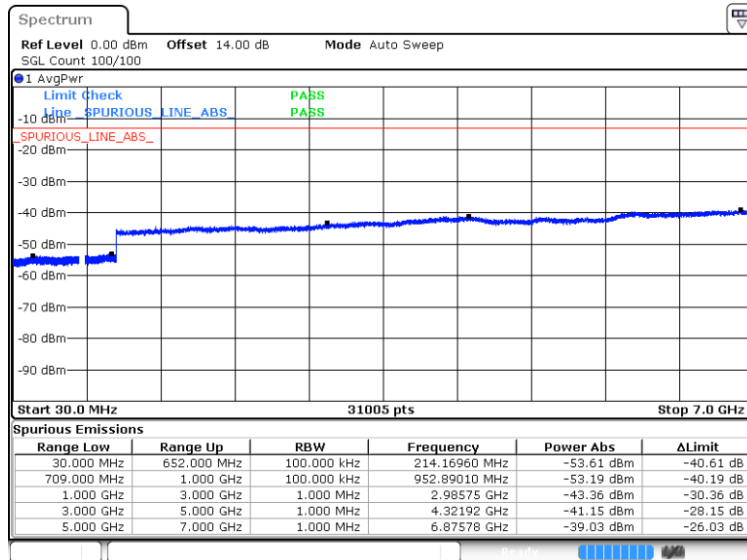
Date: 6 SEP. 2023 03:28:07

Middle Channel / QPSK



Date: 6 SEP. 2023 03:29:25

Highest Channel / QPSK

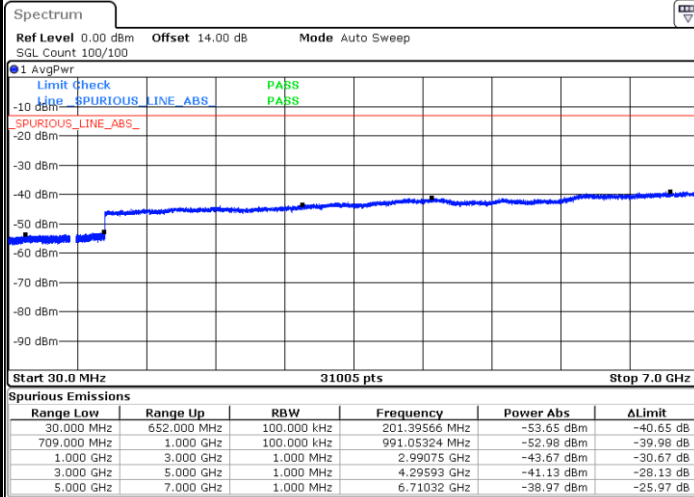


Date: 6 SEP. 2023 03:39:02



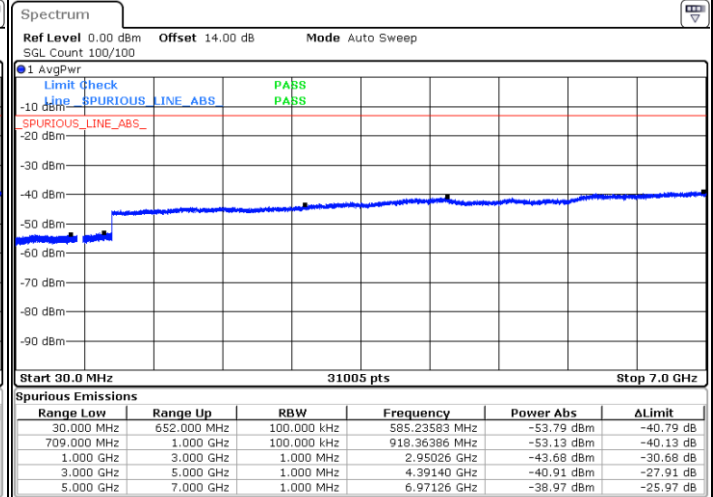
LTE Band 71 / 20MHz

Lowest Channel / QPSK



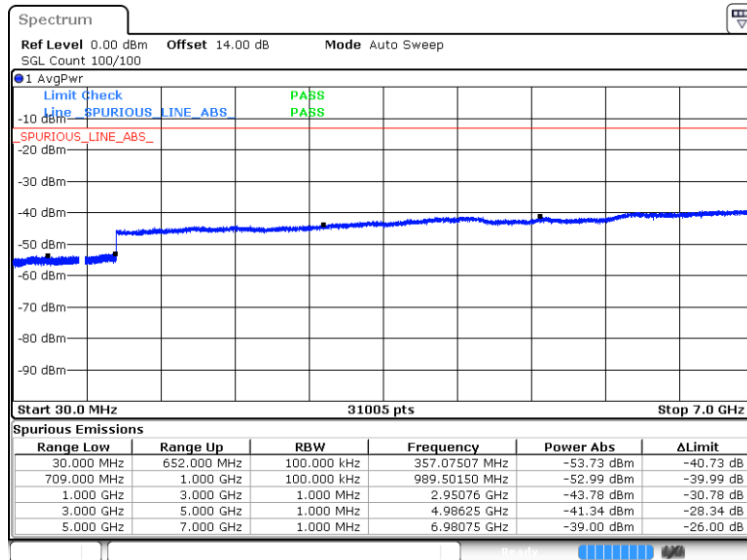
Date: 6 SEP. 2023 03:49:13

Middle Channel / QPSK



Date: 6 SEP. 2023 03:50:30

Highest Channel / QPSK



Date: 6 SEP. 2023 04:01:37

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0116	PASS
40	Normal Voltage	0.0144	
30	Normal Voltage	0.0150	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0057	
-20	Normal Voltage	0.0187	
-30	Normal Voltage	0.0119	
20	Maximum Voltage	0.0088	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0128	

Note:

1. Normal Voltage = 7.82 V. ; Battery End Point (BEP) = 6.8 V. ; Maximum Voltage = 9.0 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66C

26dB Bandwidth

Mode	LTE Band 66C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	25.33	25.52	30.21	25.62	30.99
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.25	25.28	30.27	35.25	40.36

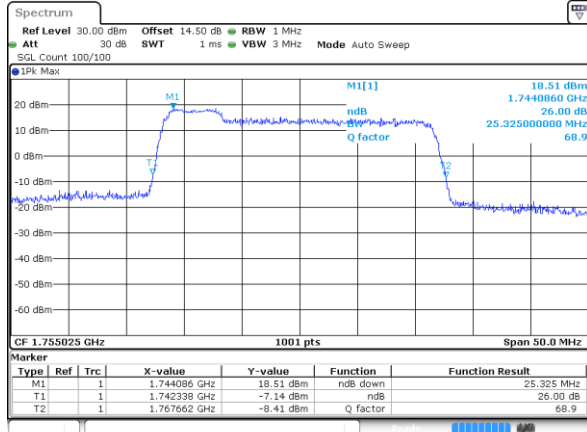
Mode	LTE Band 66C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	25.13	25.48	30.27	25.57	30.93
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.25	25.18	30.21	35.32	40.04



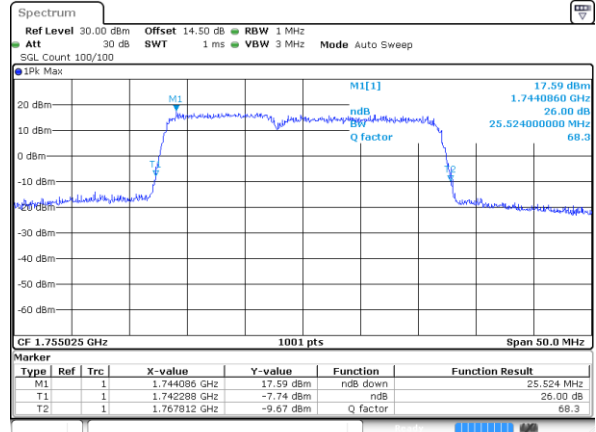
LTE Band 66C

QPSK

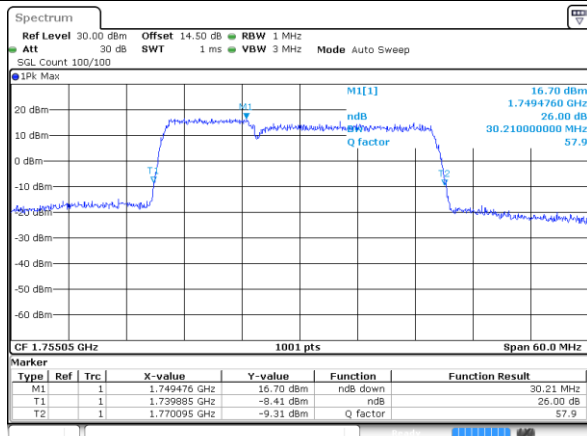
Middle Channel / 5MHz+20MHz



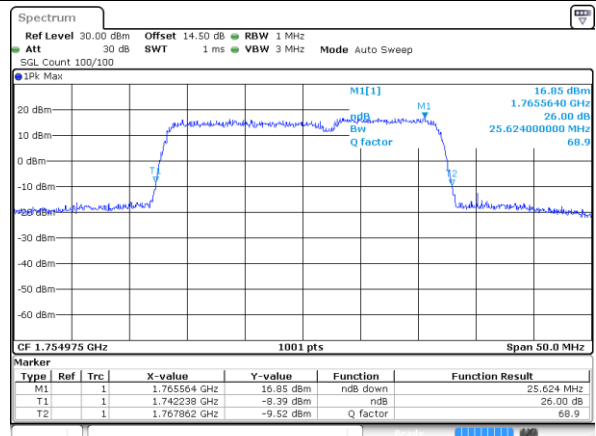
Middle Channel / 10MHz+15MHz



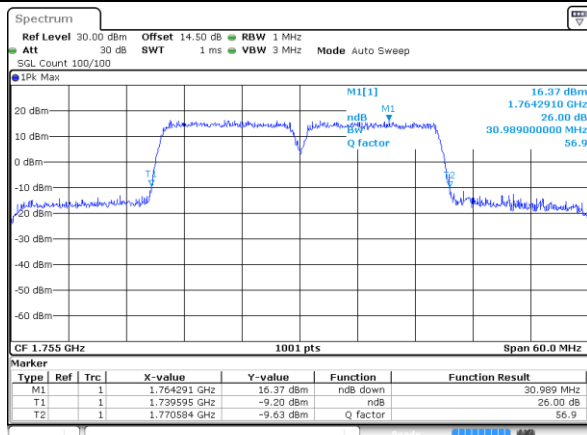
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

