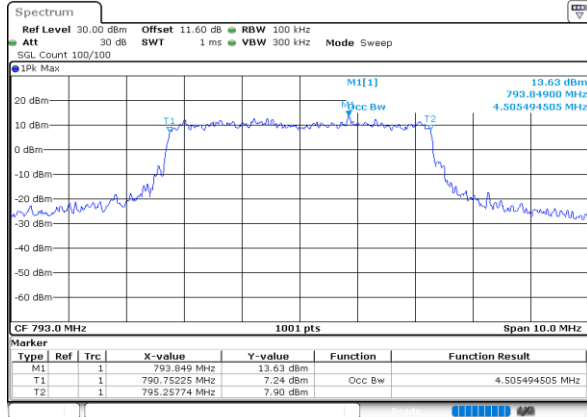


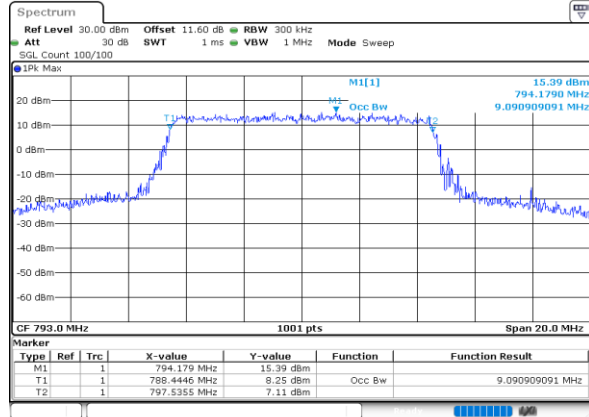


LTE Band 14

Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

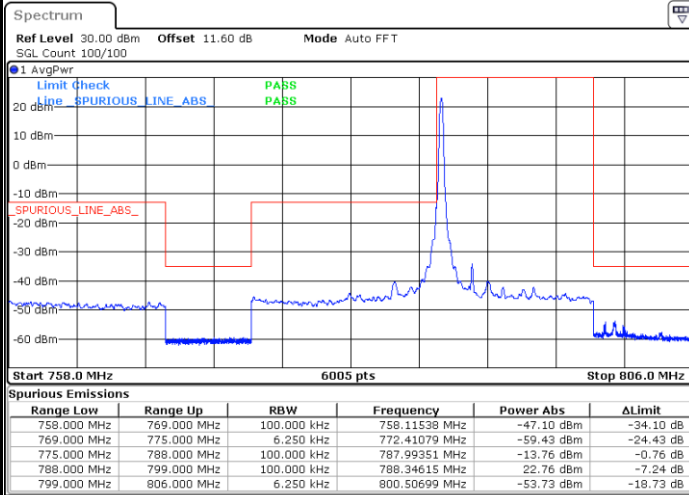




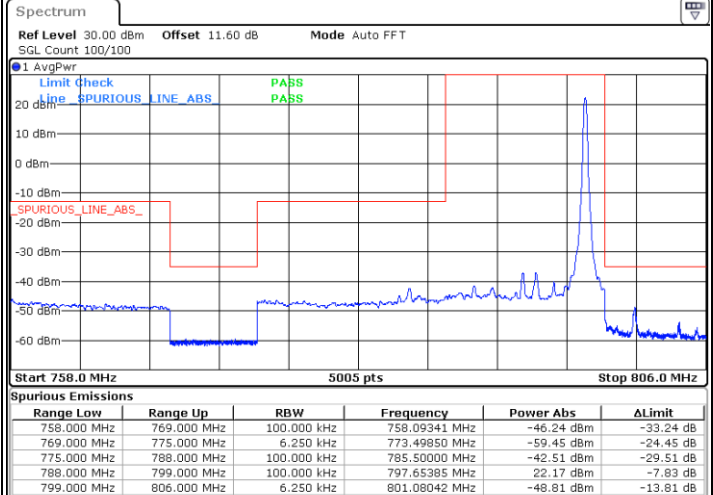
Conducted Band Edge

LTE Band 14 / 5MHz / QPSK

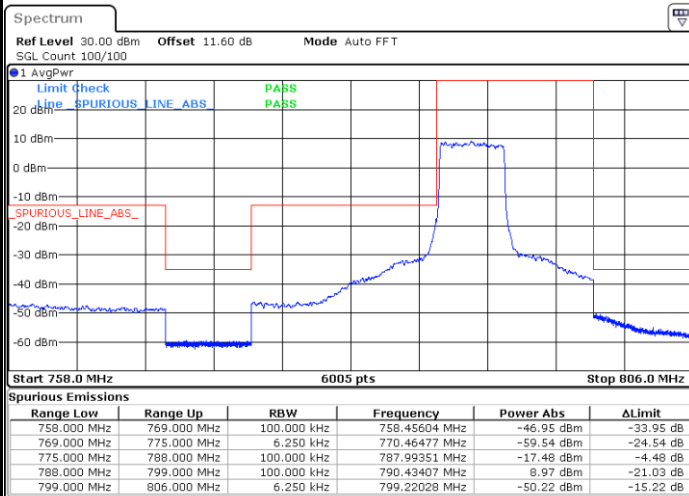
Lowest Band Edge / 1 RB



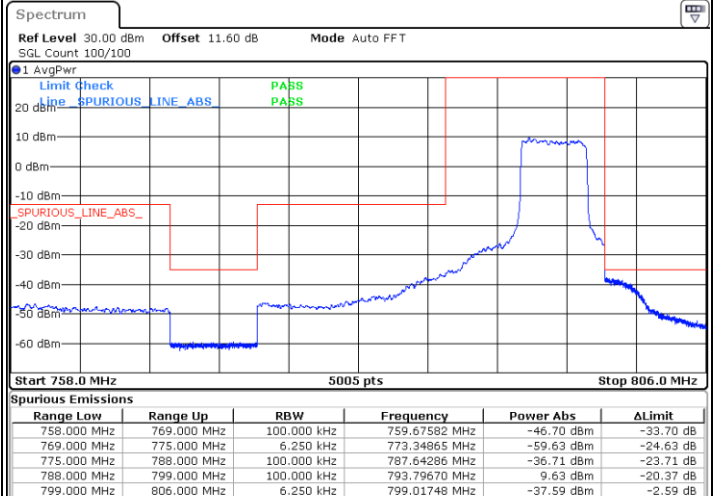
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



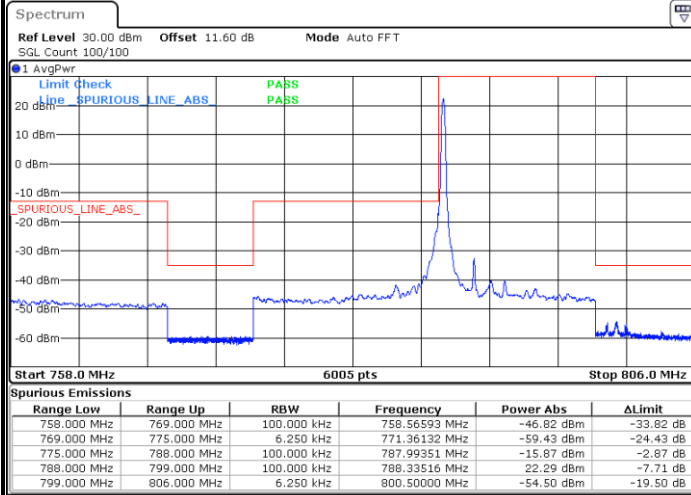
Highest Band Edge / Full RB



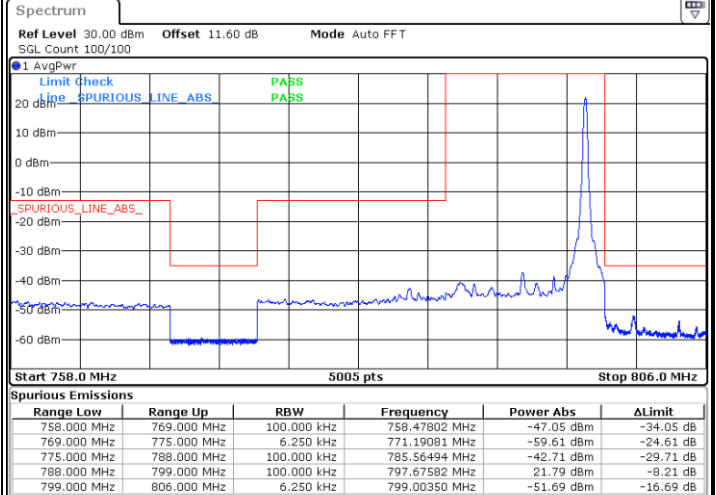


LTE Band 14 / 5MHz / 16QAM

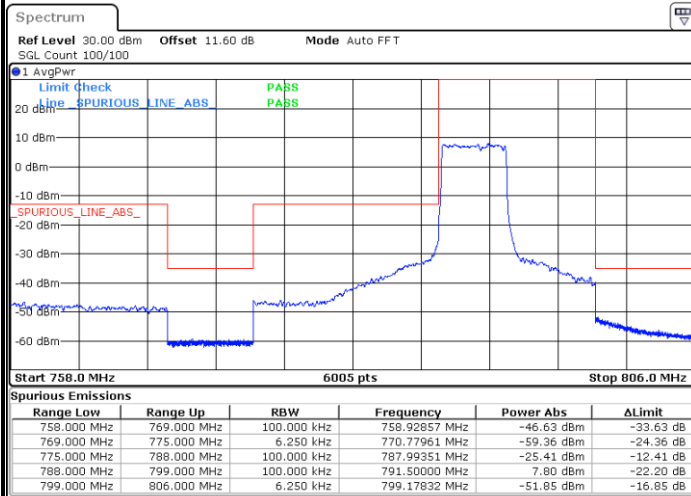
Lowest Band Edge / 1 RB



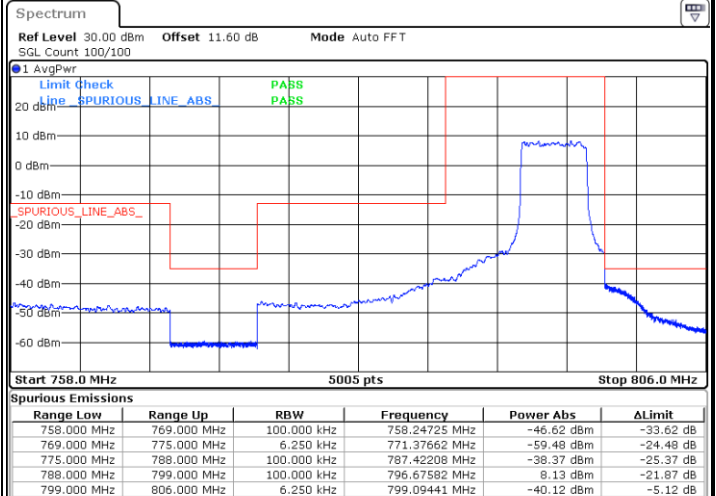
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



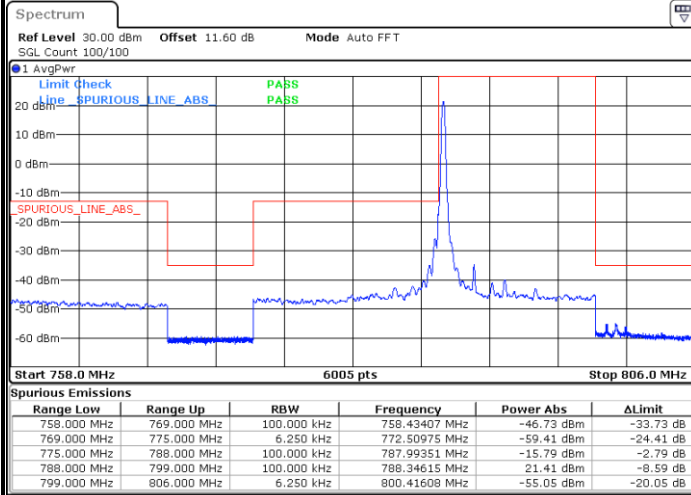
Highest Band Edge / Full RB





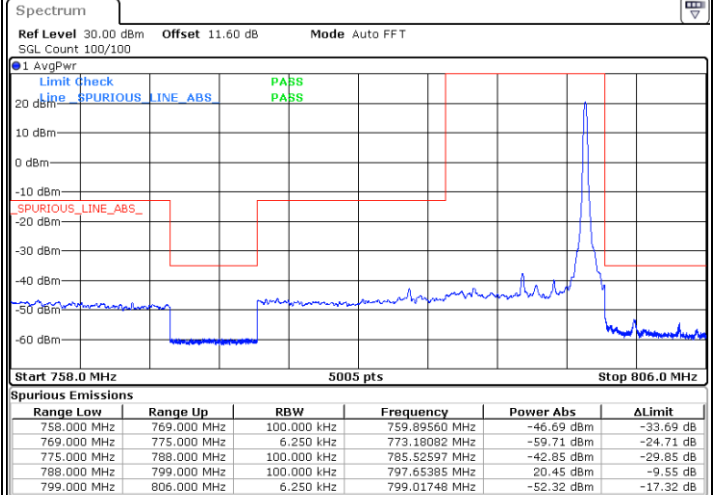
LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



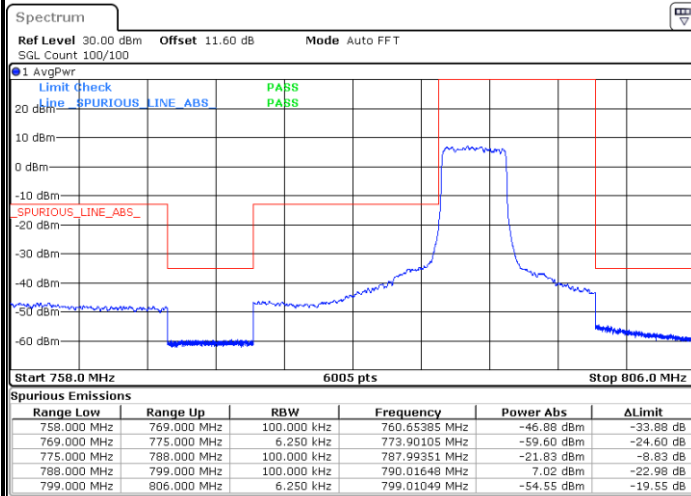
Date: 24.FEB.2024 02:03:27

Highest Band Edge / 1 RB



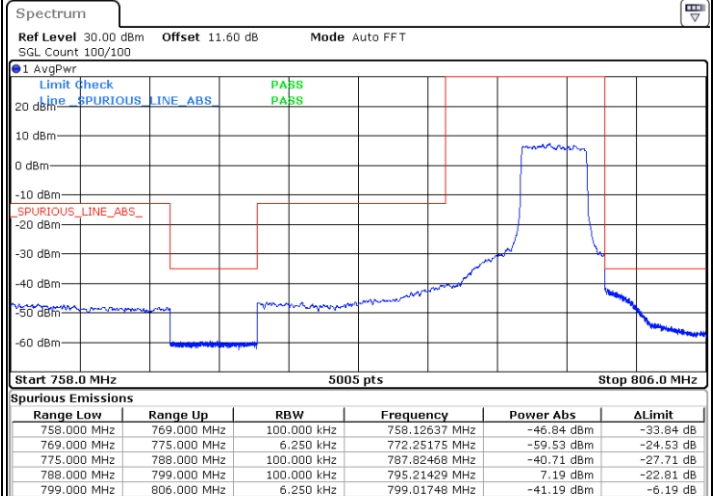
Date: 24.FEB.2024 09:13:37

Lowest Band Edge / Full RB



Date: 24.FEB.2024 02:02:29

Highest Band Edge / Full RB

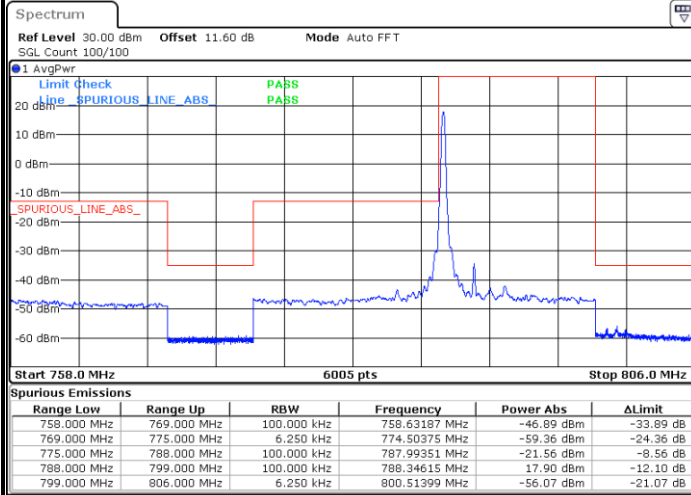


Date: 24.FEB.2024 09:14:35



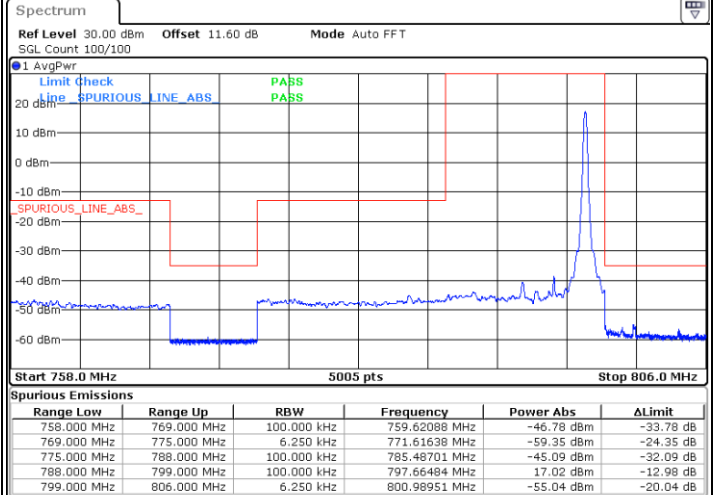
LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



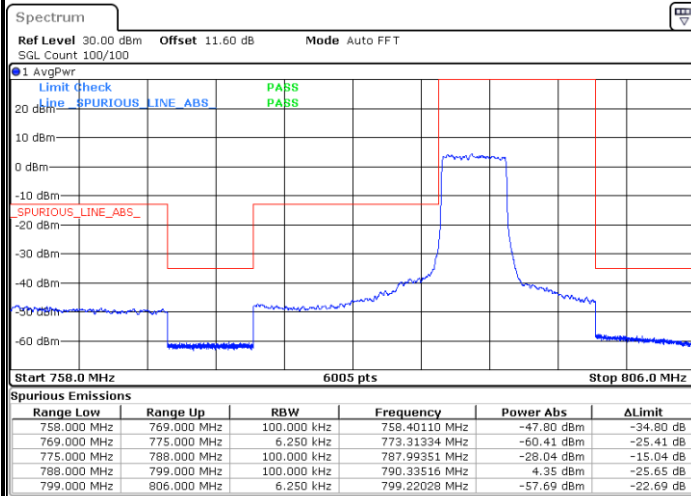
Date: 24.FEB.2024 02:04:25

Highest Band Edge / 1 RB



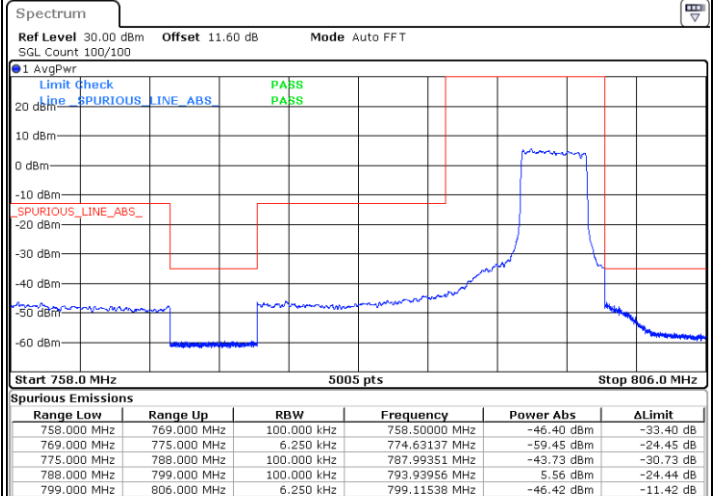
Date: 24.FEB.2024 09:16:34

Lowest Band Edge / Full RB



Date: 26.FEB.2024 20:33:47

Highest Band Edge / Full RB

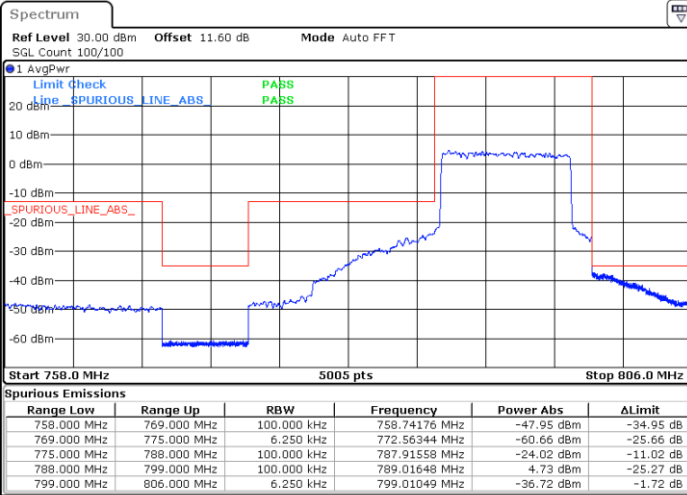


Date: 24.FEB.2024 09:15:33



LTE Band 14 / 10MHz / QPSK

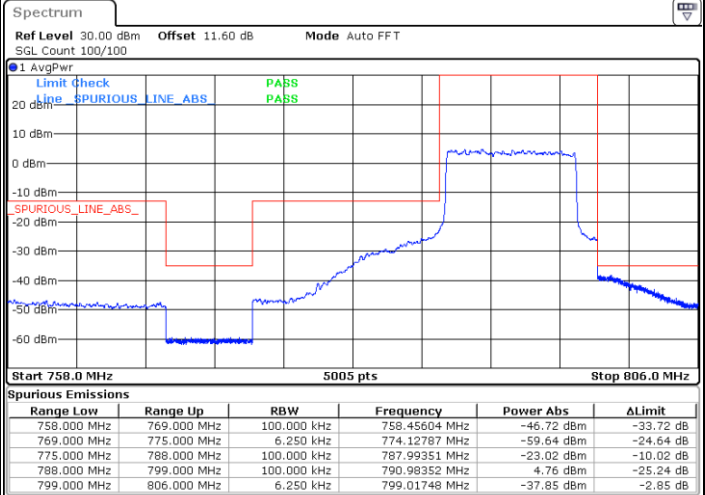
Band Edge / Full RB



Date: 26.FEB.2024 20:43:19

LTE Band 14 / 10MHz / 16QAM

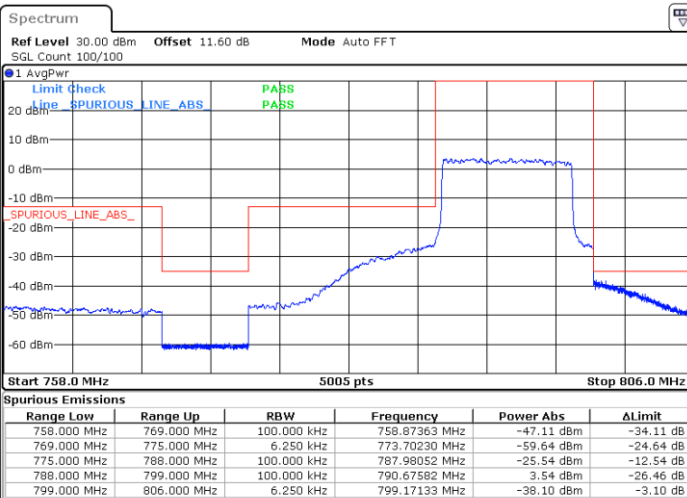
Band Edge / Full RB



Date: 24.FEB.2024 09:35:11

LTE Band 14 / 10MHz / 64QAM

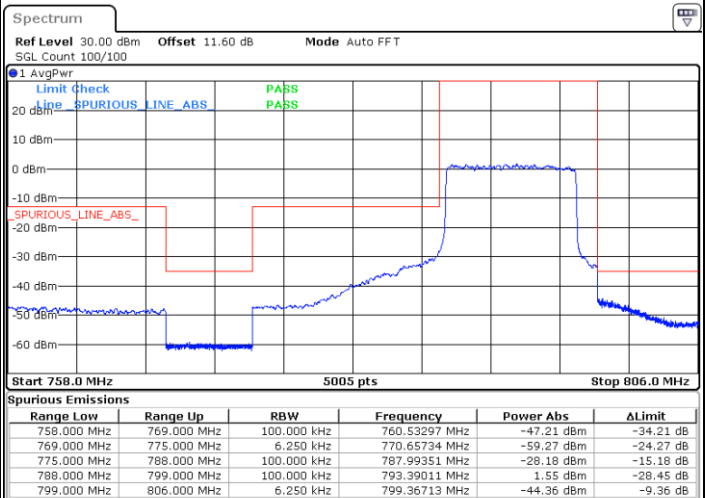
Band Edge / Full RB



Date: 24.FEB.2024 09:38:09

LTE Band 14 / 10MHz / 256QAM

Band Edge / Full RB



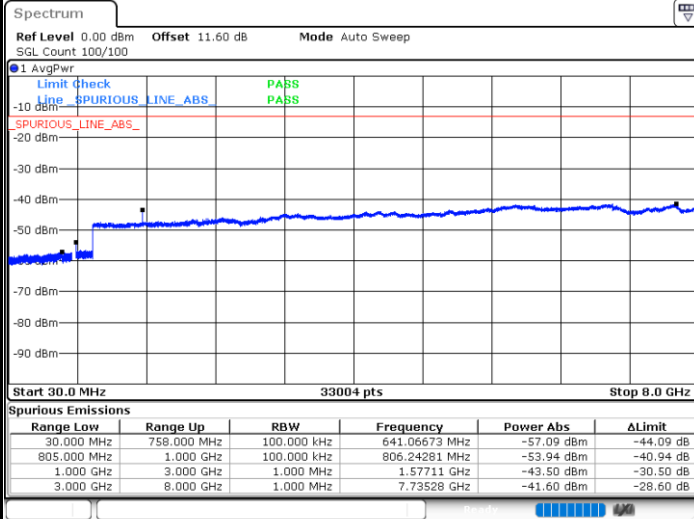
Date: 24.FEB.2024 09:41:24



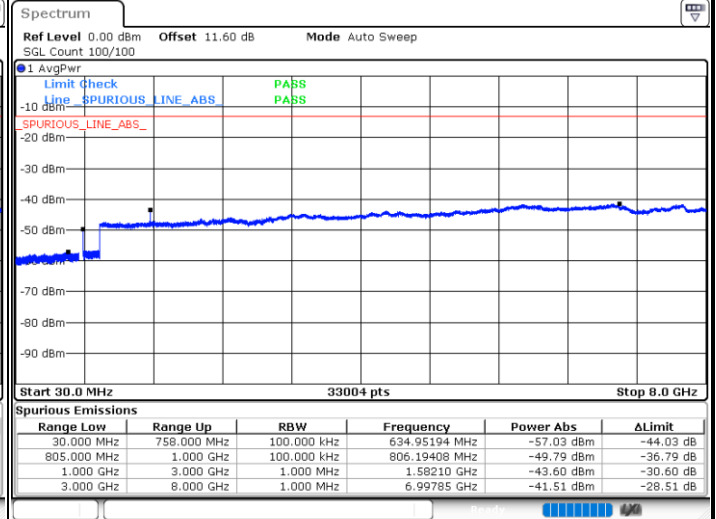
Conducted Spurious Emission

LTE Band 14 / 5MHz

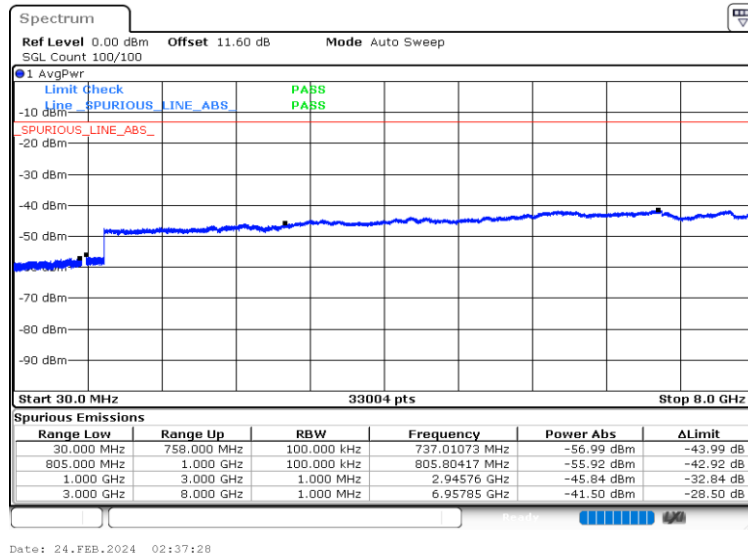
Lowest Channel / QPSK



Middle Channel / QPSK



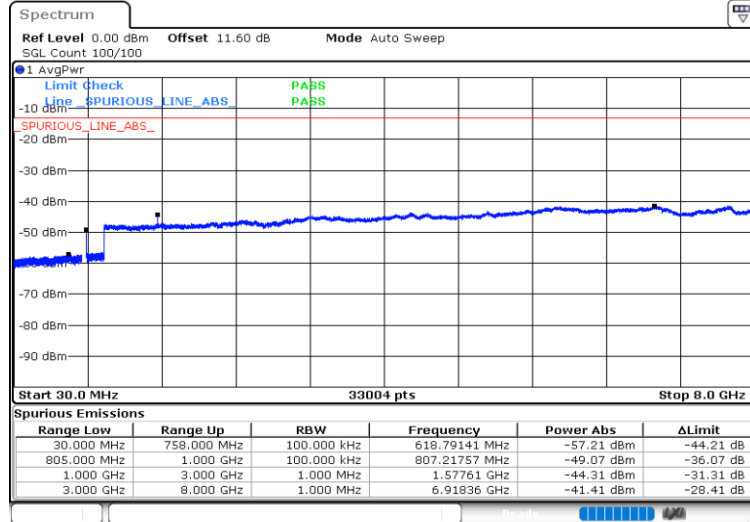
Highest Channel / QPSK





LTE Band 14 / 10MHz

Middle Channel / QPSK



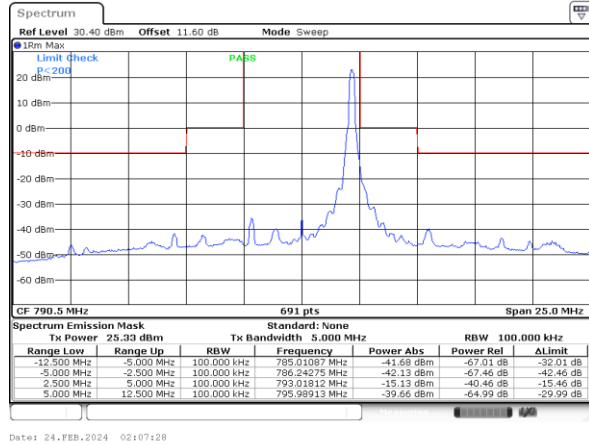
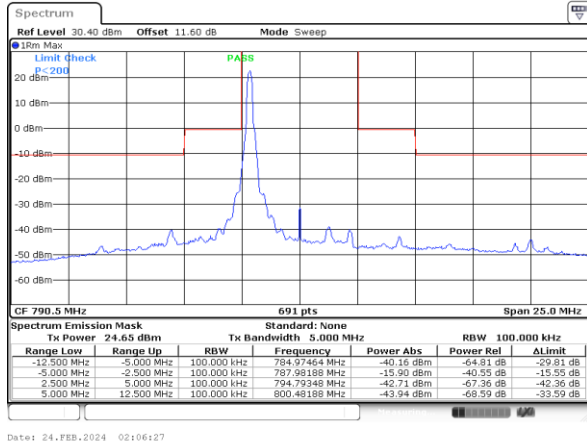
Date: 24.FEB.2024 09:43:37



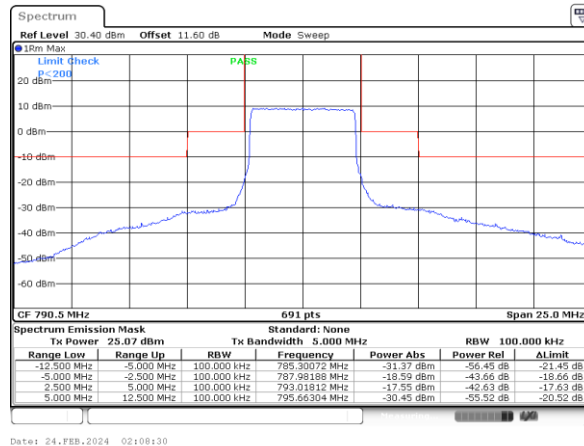
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

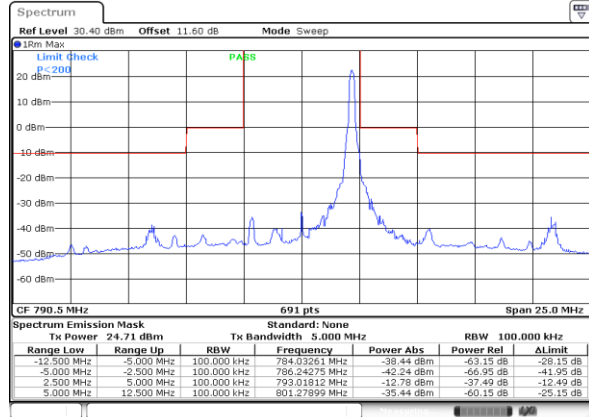
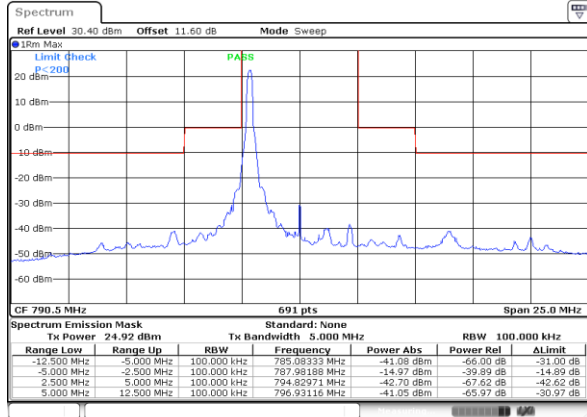


Lowest Channel / Full RB

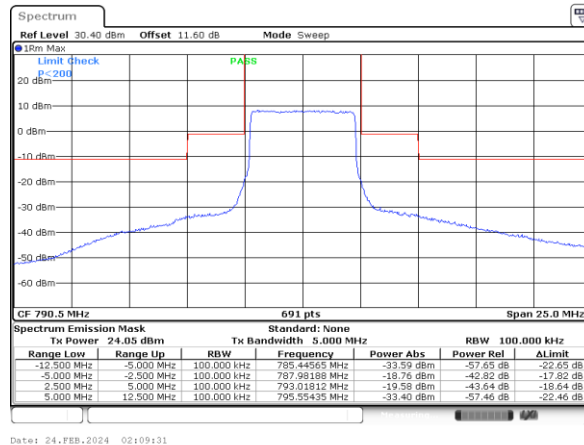


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

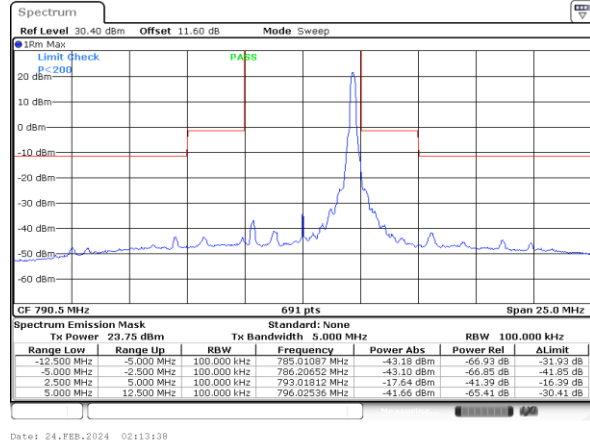
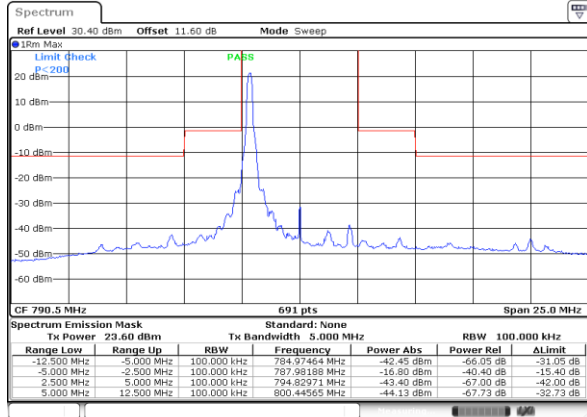


Lowest Channel / Full RB

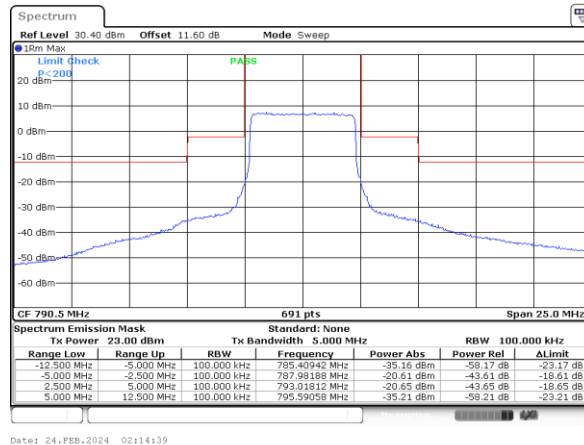


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

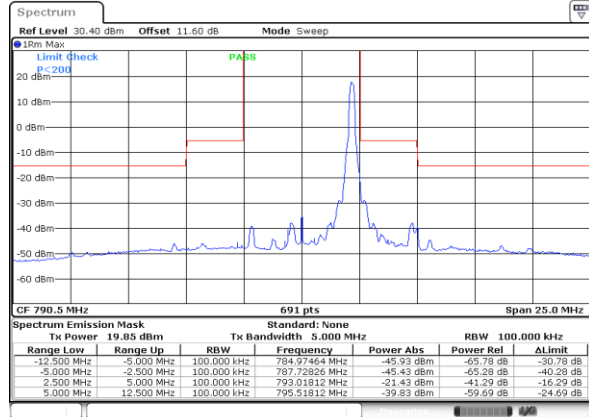
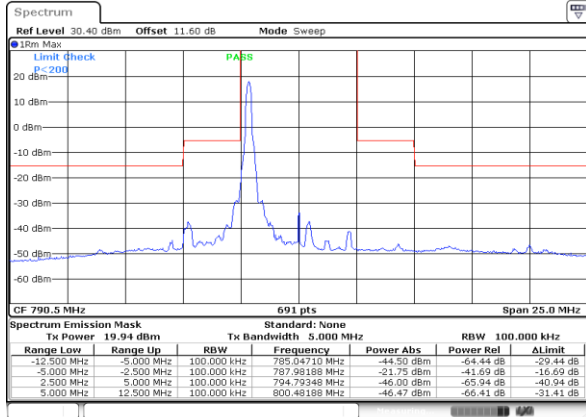


Lowest Channel / Full RB

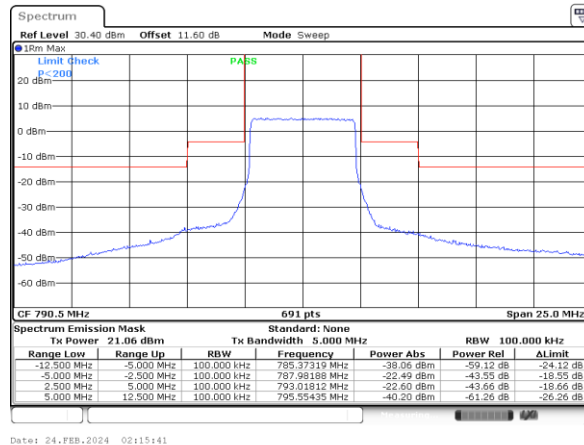


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

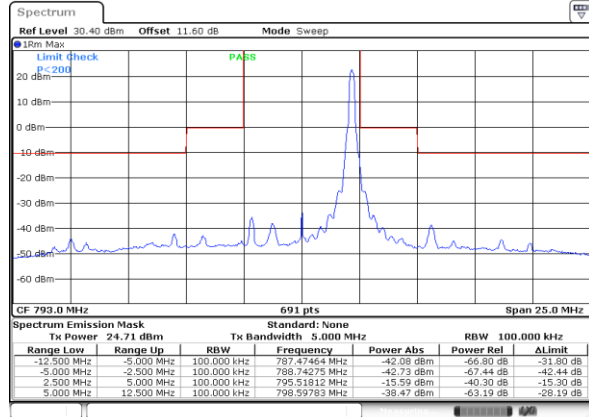
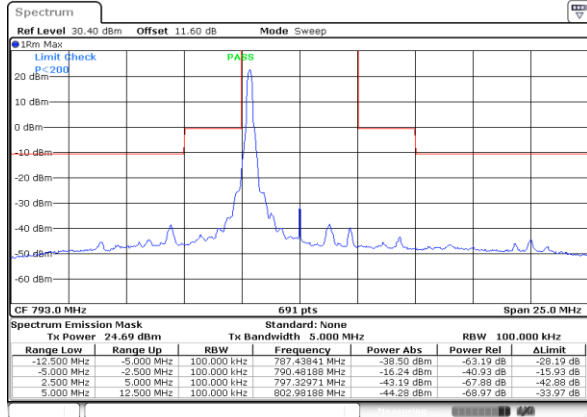


Lowest Channel / Full RB

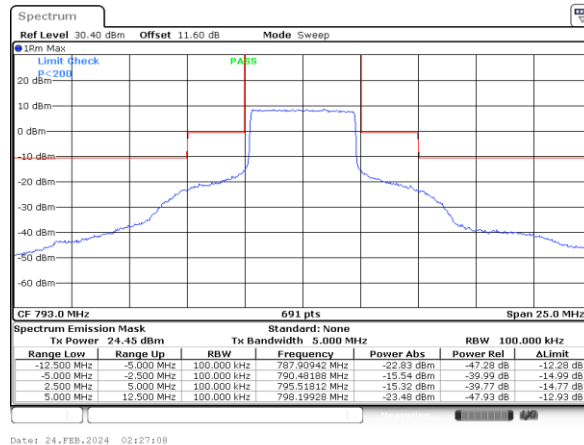


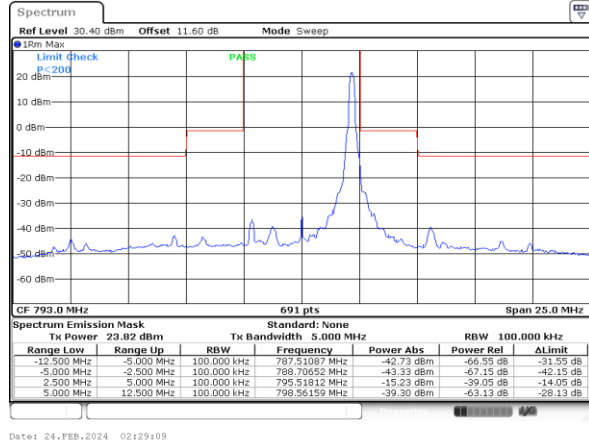
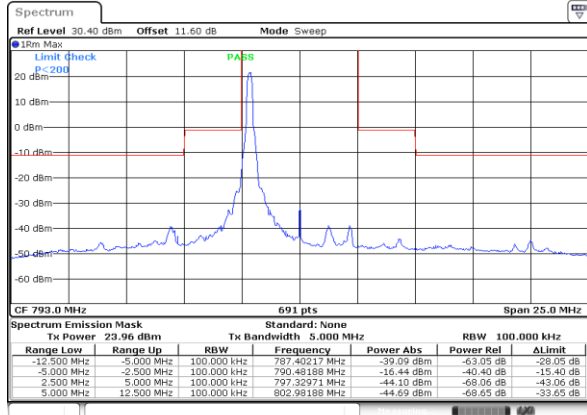
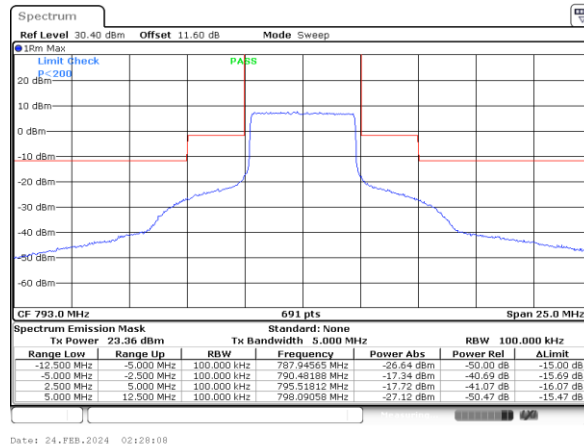
LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB



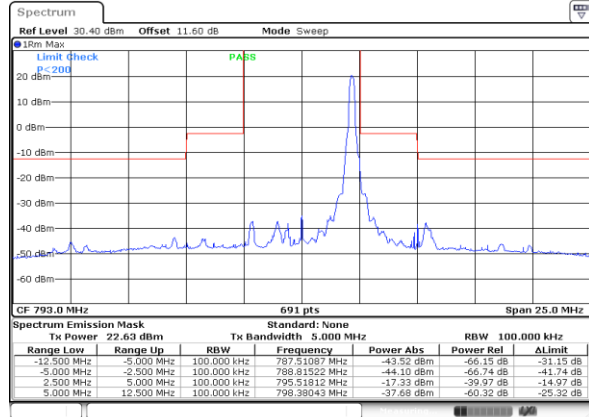
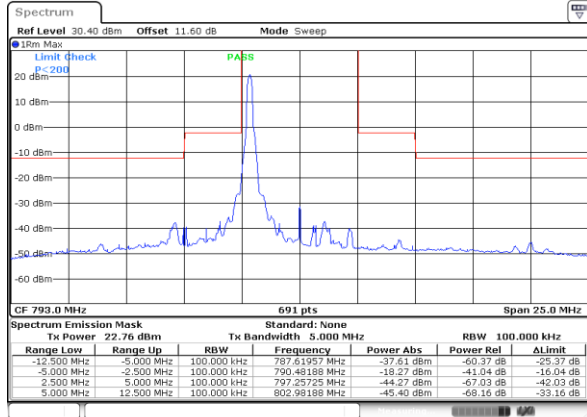
Middle Channel / Full RB



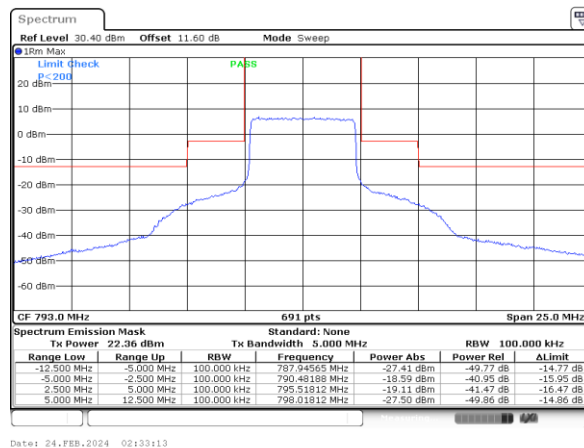
LTE Band 14 / 5MHz / 16QAM
Middle Channel / 1RB

Middle Channel / Full RB


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

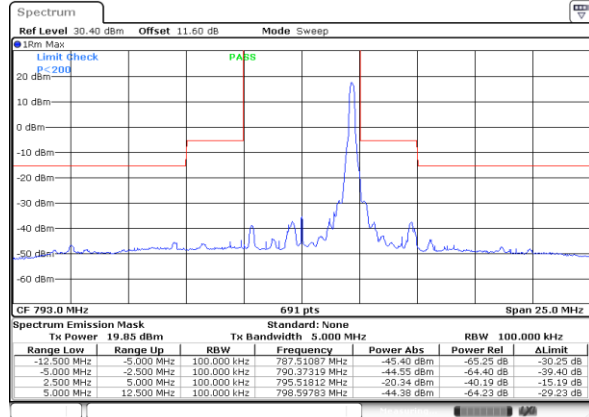
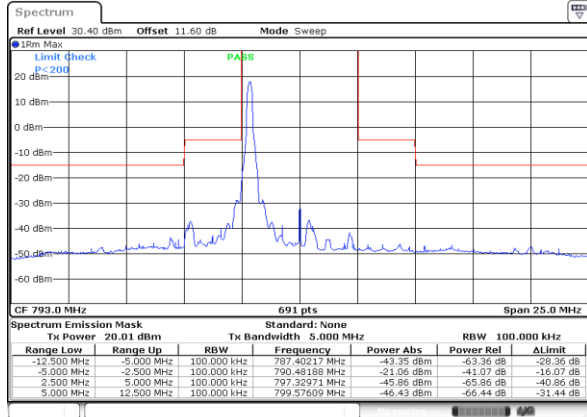


Middle Channel / Full RB

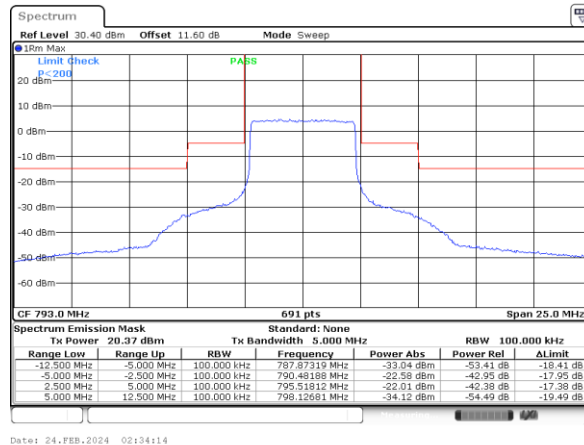


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

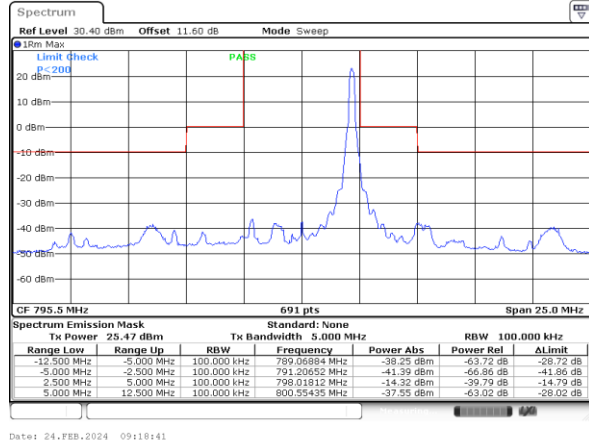
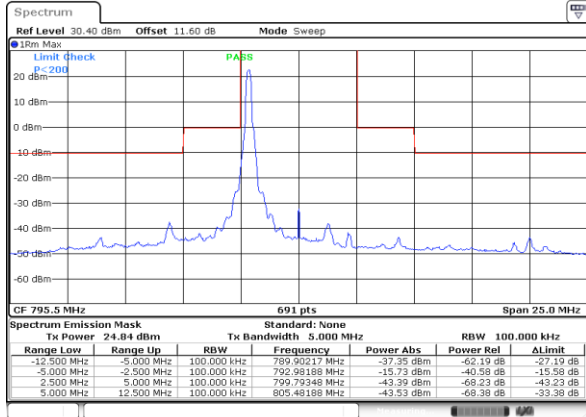


Middle Channel / Full RB

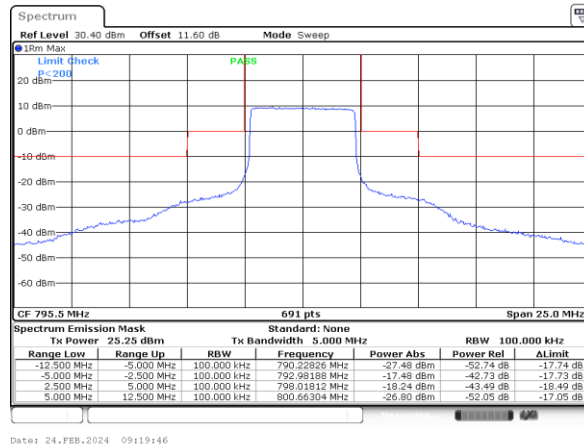


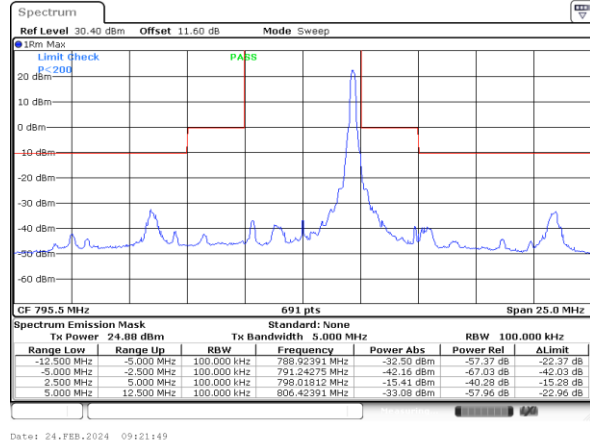
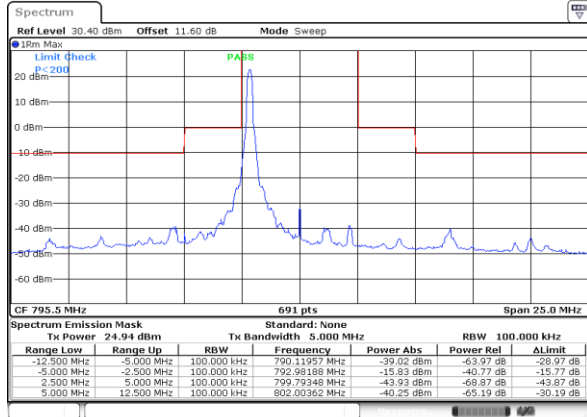
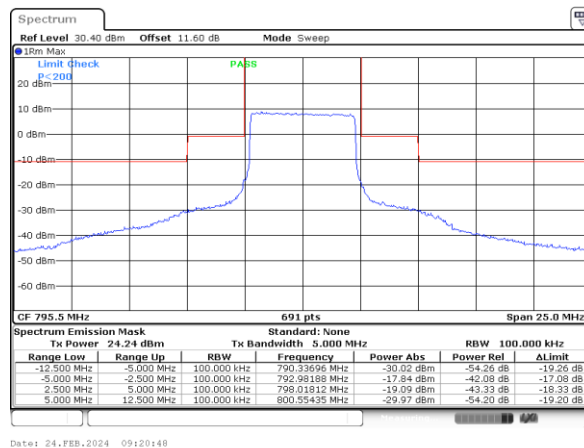
LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB



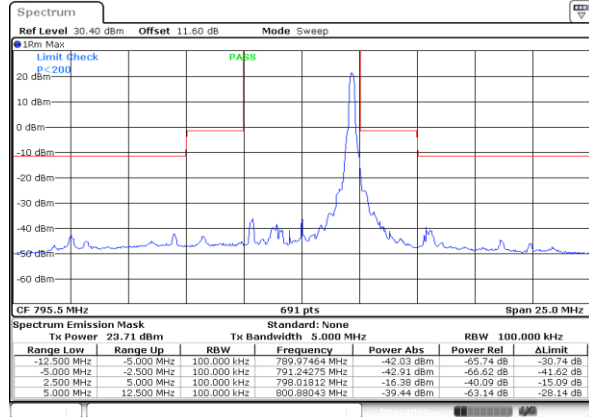
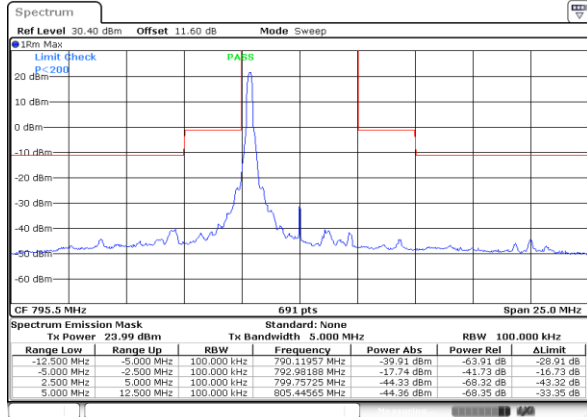
Highest Channel / Full RB



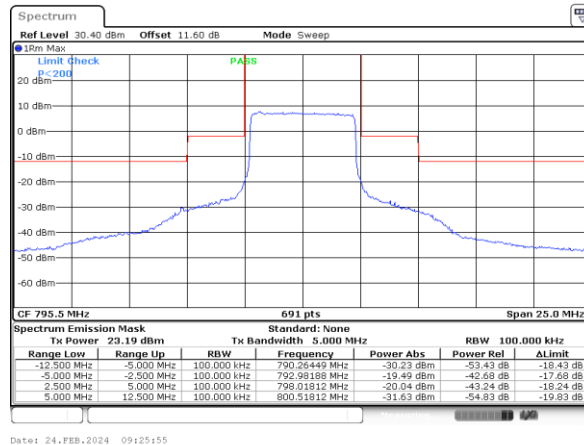
LTE Band 14 / 5MHz / 16QAM
Highest Channel / 1RB

Highest Channel / Full RB


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB



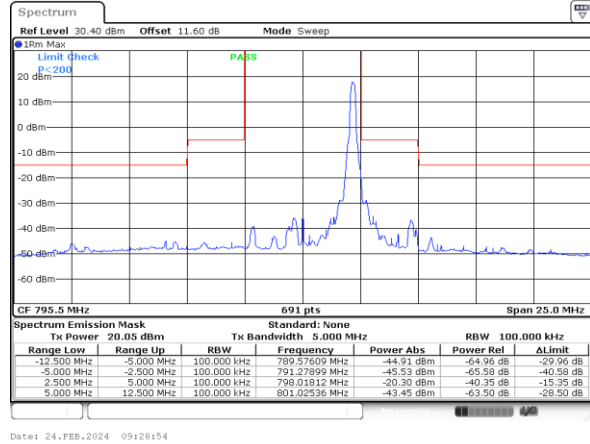
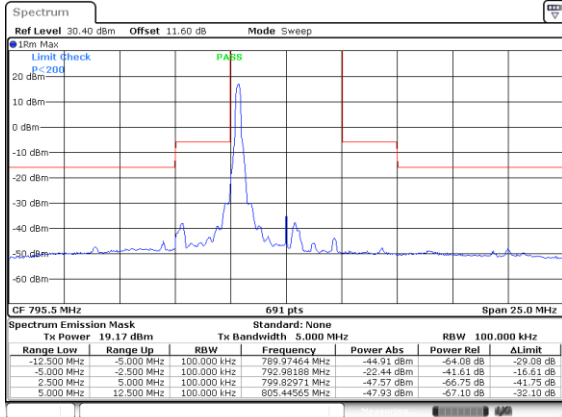
Highest Channel / Full RB



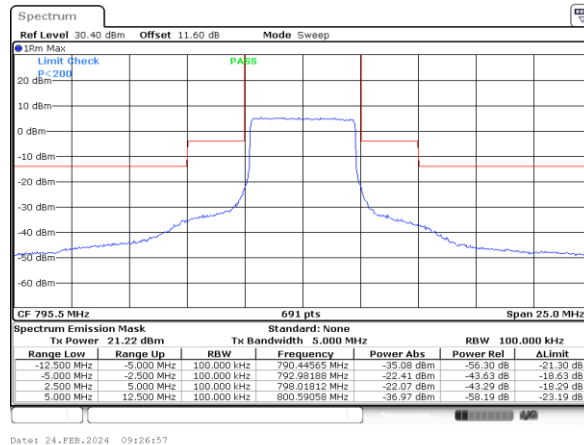


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB



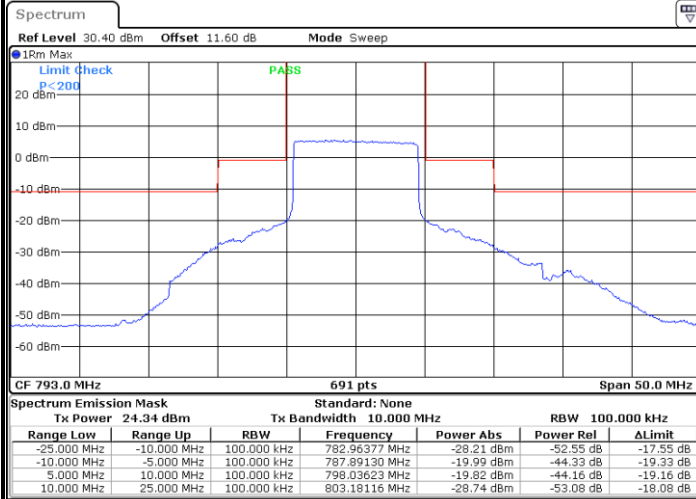
Highest Channel / Full RB





LTE Band 14 / 10MHz / QPSK

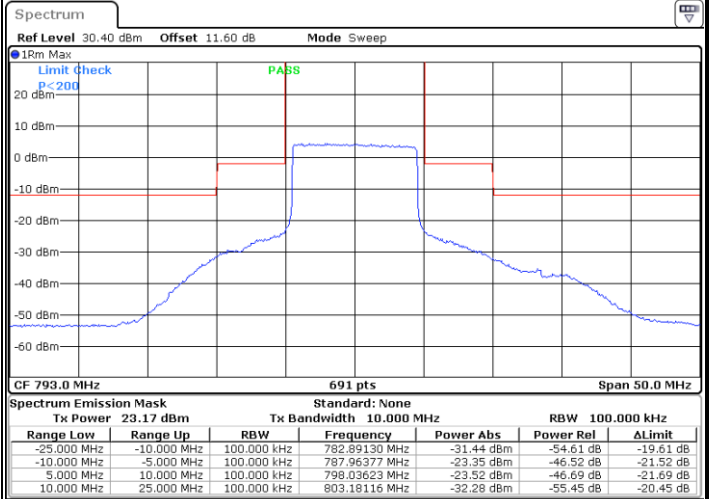
Middle Channel / Full RB



Date: 24.FEB.2024 09:31:58

LTE Band 14 / 10MHz / 16QAM

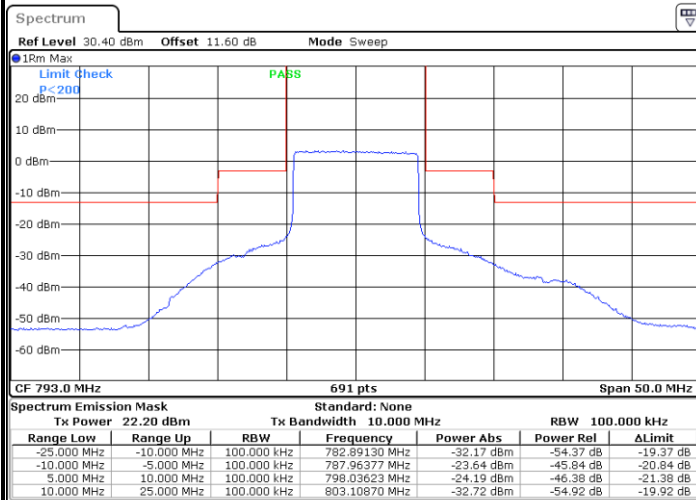
Middle Channel / Full RB



Date: 24.FEB.2024 09:36:12

LTE Band 14 / 10MHz / 64QAM

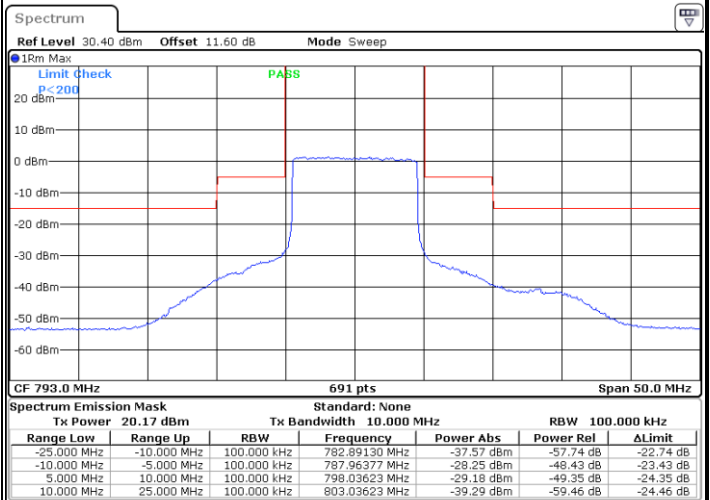
Middle Channel / Full RB



Date: 24.FEB.2024 09:37:13

LTE Band 14 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 24.FEB.2024 09:42:25

Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0053	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0151	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0134	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0139	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0144	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



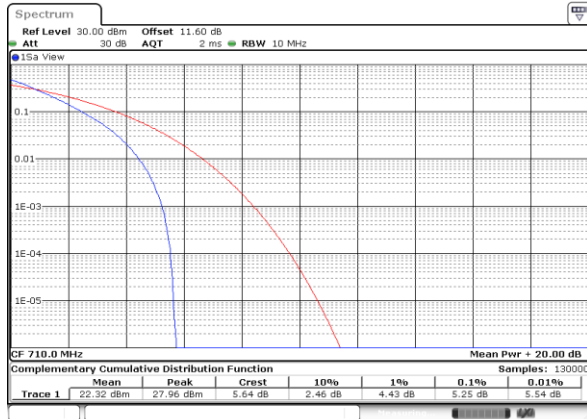
LTE Band 17

Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.25	6.09	6.14	5.77	PASS

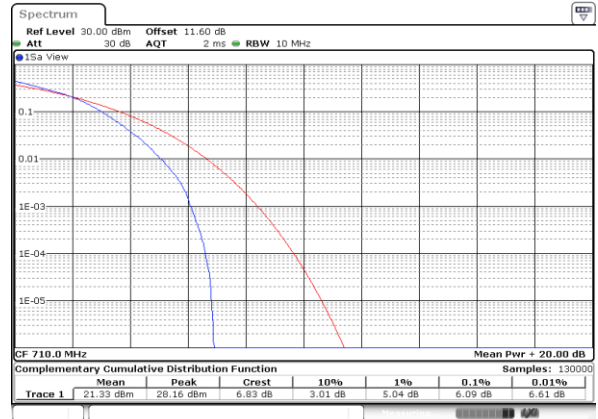
LTE Band 17 / 10MHz / QPSK

Middle Channel / Full RB



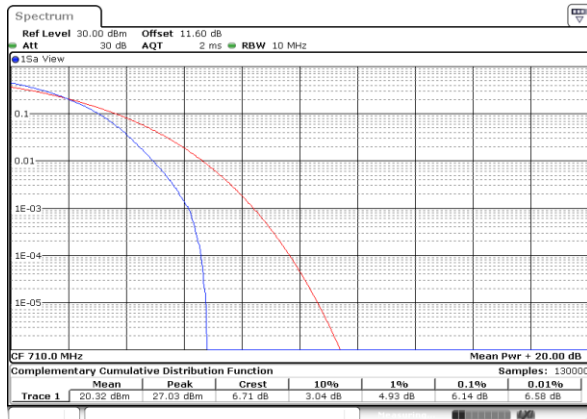
LTE Band 17 / 10MHz / 16QAM

Middle Channel / Full RB



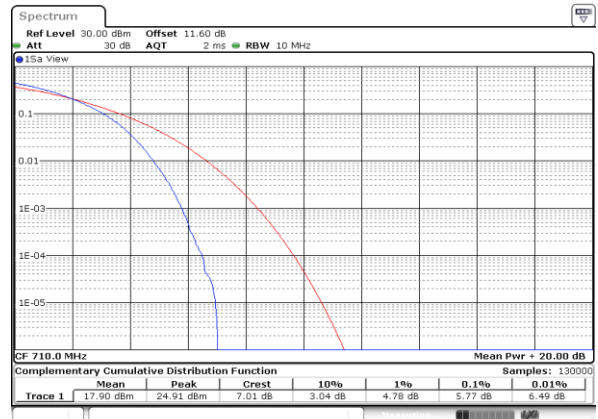
LTE Band 17 / 10MHz / 64QAM

Middle Channel / Full RB



LTE Band 17 / 10MHz / 256QAM

Middle Channel / Full RB



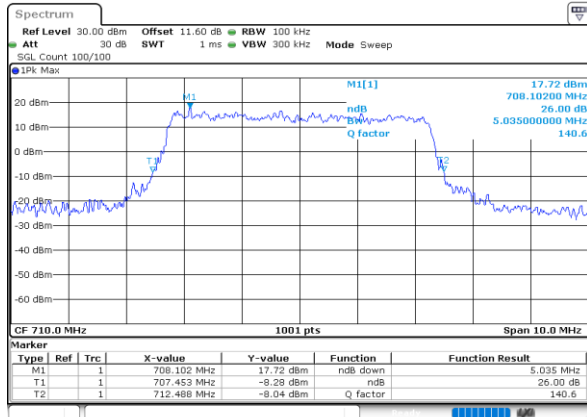
**26dB Bandwidth**

Mode	LTE Band 17 : 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	-	-	-	-	5.03	5.10	10.00	9.94	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	5.09	4.95	9.89	10.00	-	-	-	-



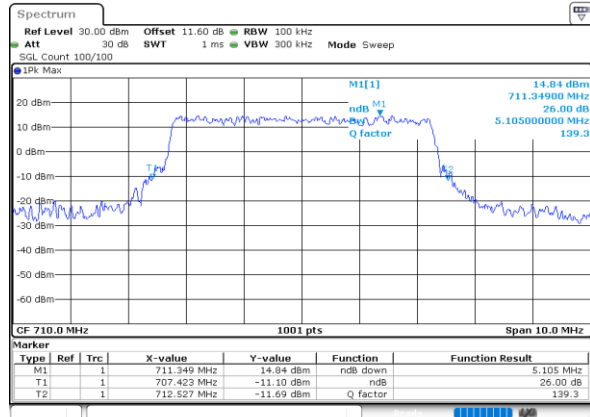
LTE Band 17

Middle Channel / 5MHz / QPSK



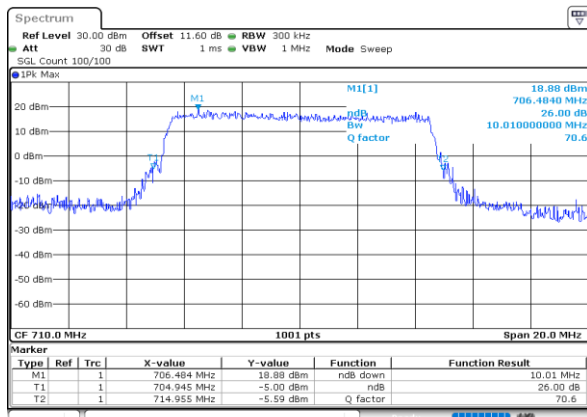
Date: 26.FEB.2024 20:54:21

Middle Channel / 5MHz / 16QAM



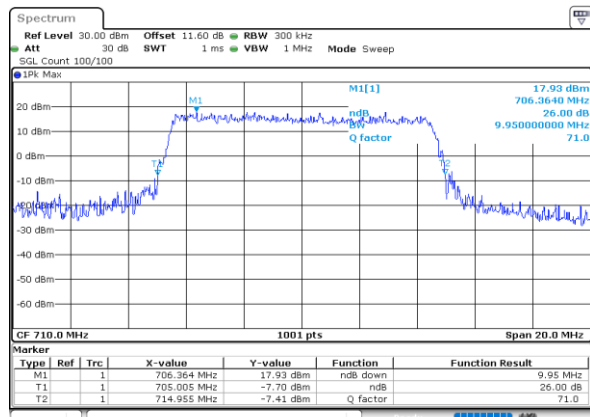
Date: 26.FEB.2024 20:54:43

Middle Channel / 10MHz / QPSK



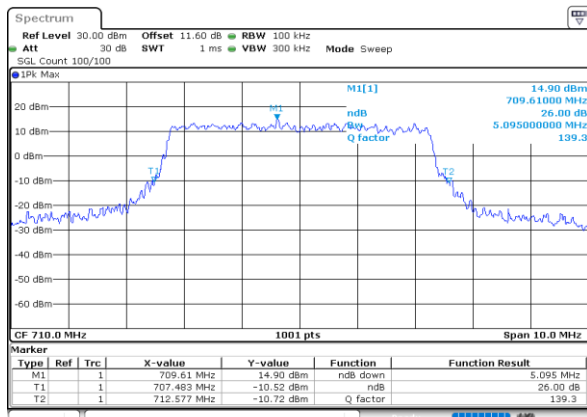
Date: 26.FEB.2024 21:04:20

Middle Channel / 10MHz / 16QAM



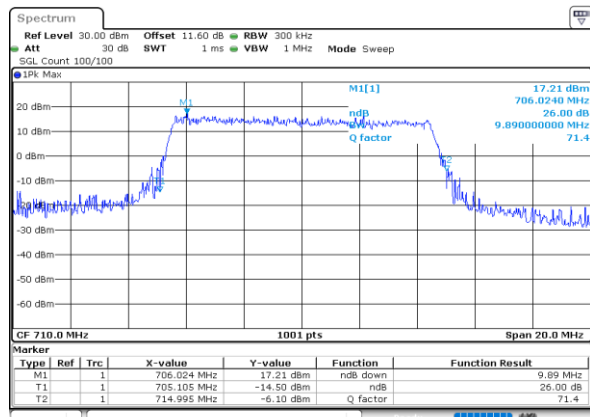
Date: 26.FEB.2024 21:04:50

Middle Channel / 5MHz / 64QAM



Date: 26.FEB.2024 21:09:59

Middle Channel / 10MHz / 64QAM

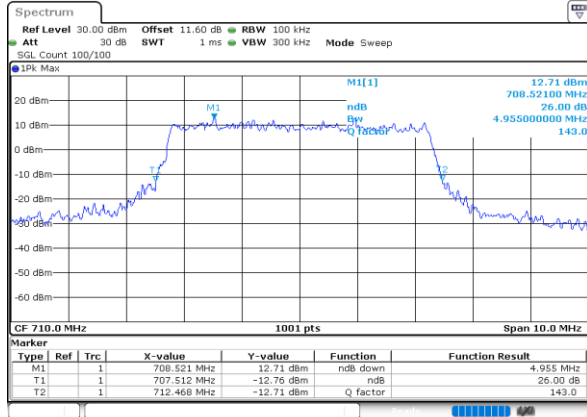


Date: 26.FEB.2024 21:14:14

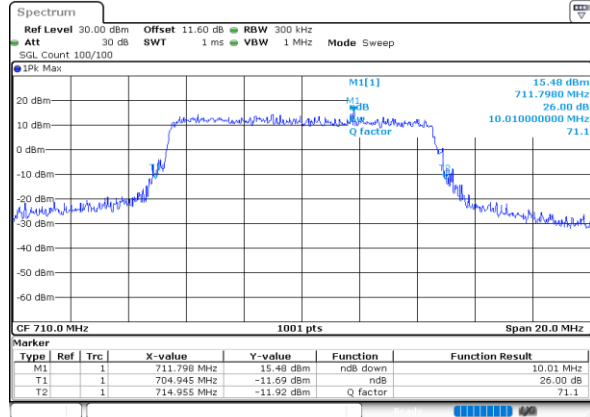


LTE Band 17

Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



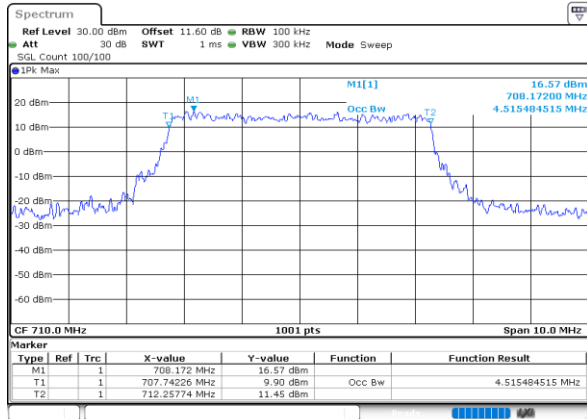
**Occupied Bandwidth**

Mode	LTE Band 17 : 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	-	-	-	-	4.51	4.48	9.07	9.09	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	4.52	4.49	9.09	9.07	-	-	-	-

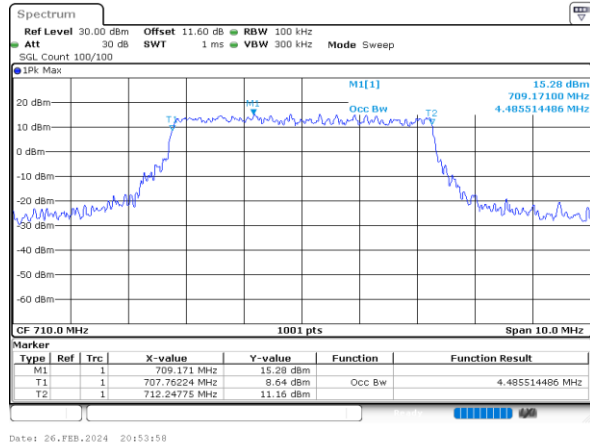


LTE Band 17

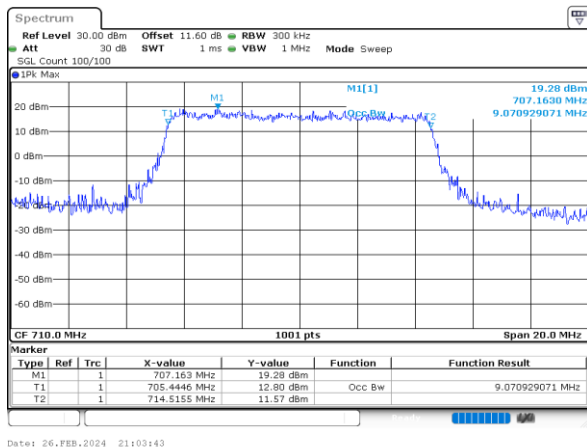
Middle Channel / 5MHz / QPSK



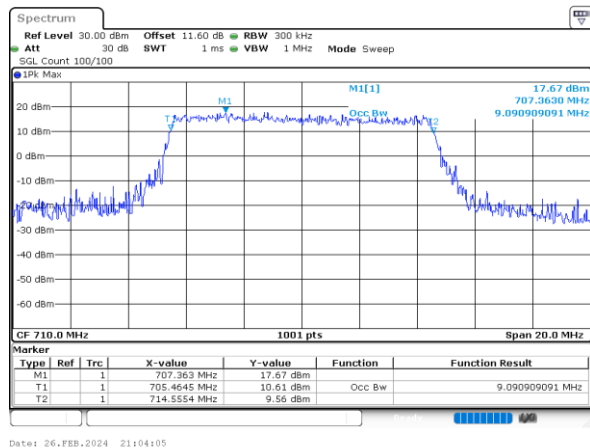
Middle Channel / 5MHz / 16QAM



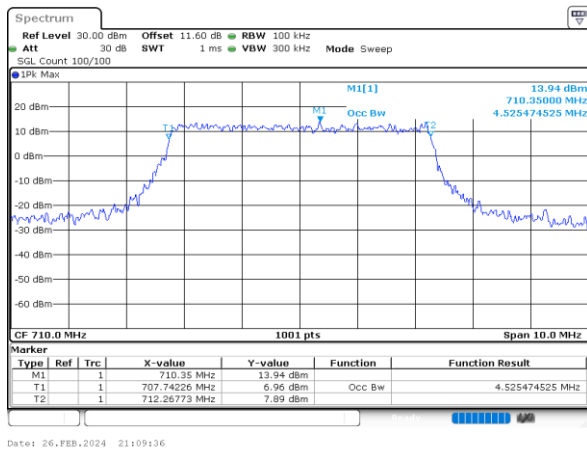
Middle Channel / 10MHz / QPSK



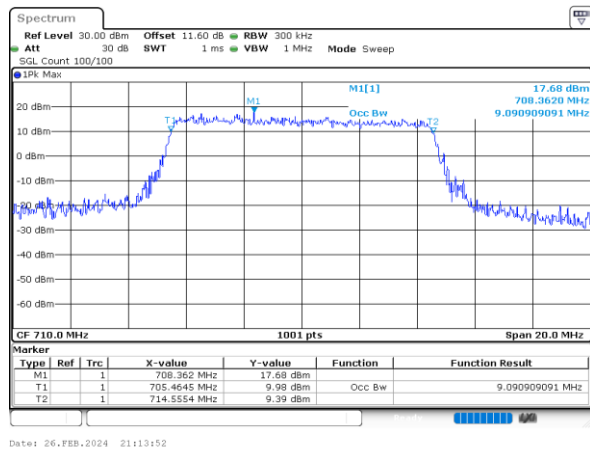
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



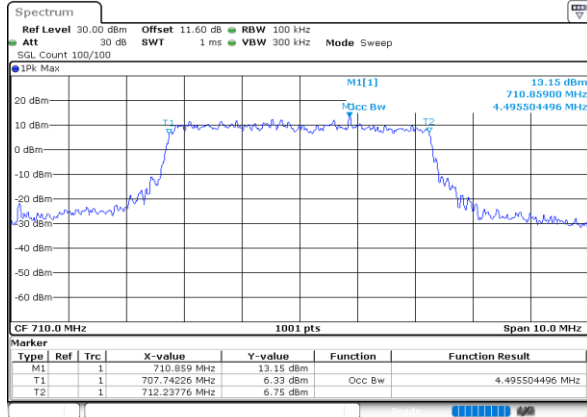
Middle Channel / 10MHz / 64QAM



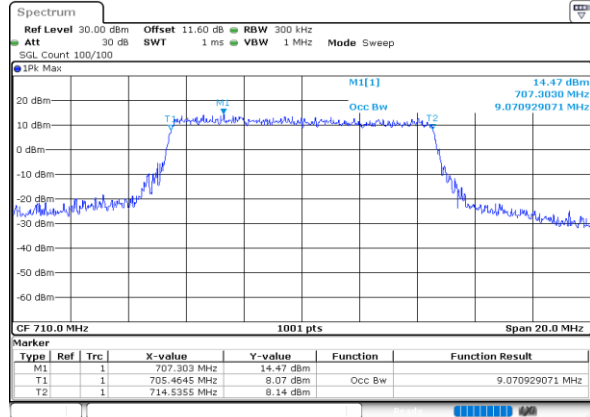


LTE Band 17

Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



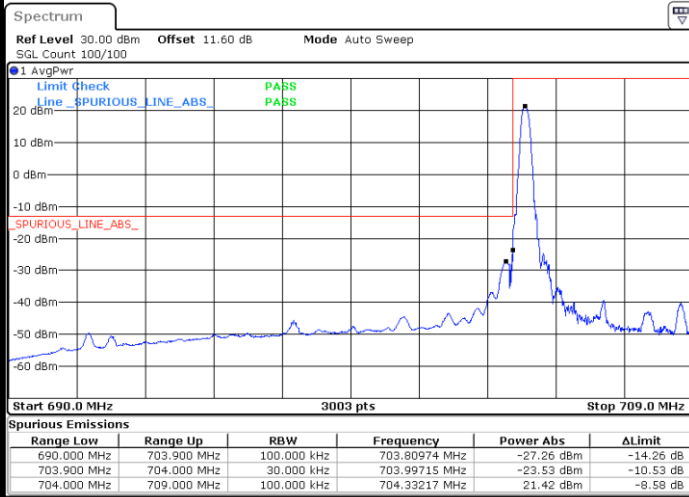


Conducted Band Edge



LTE Band 17 / 5MHz / QPSK

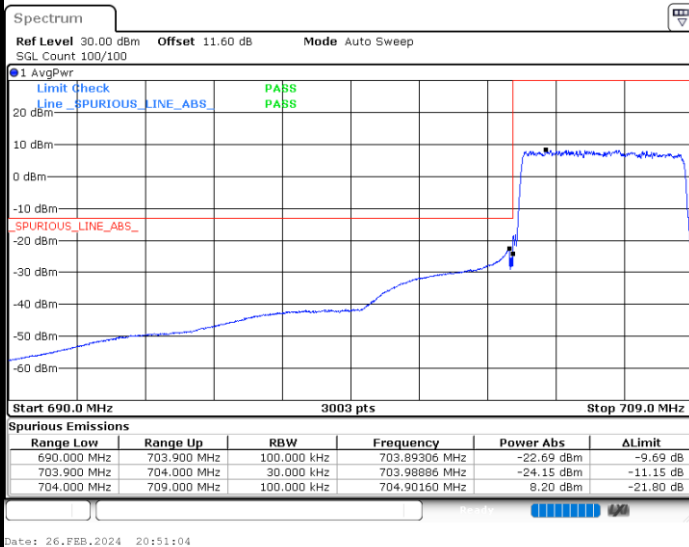
Lowest Band Edge / 1 RB



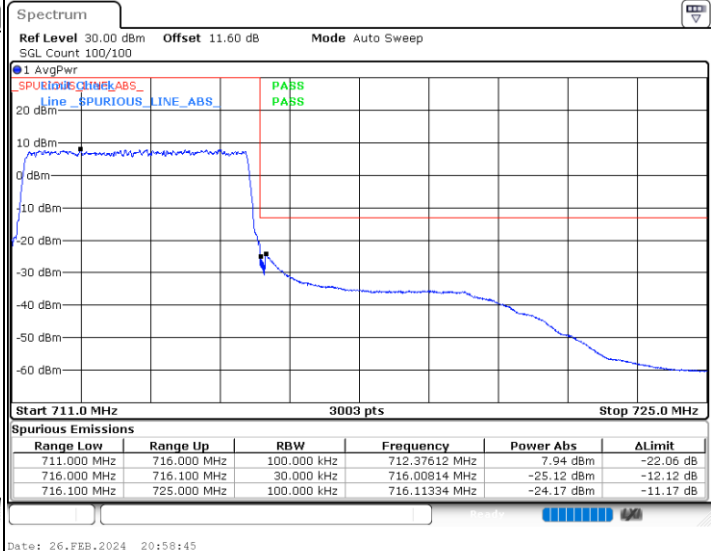
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



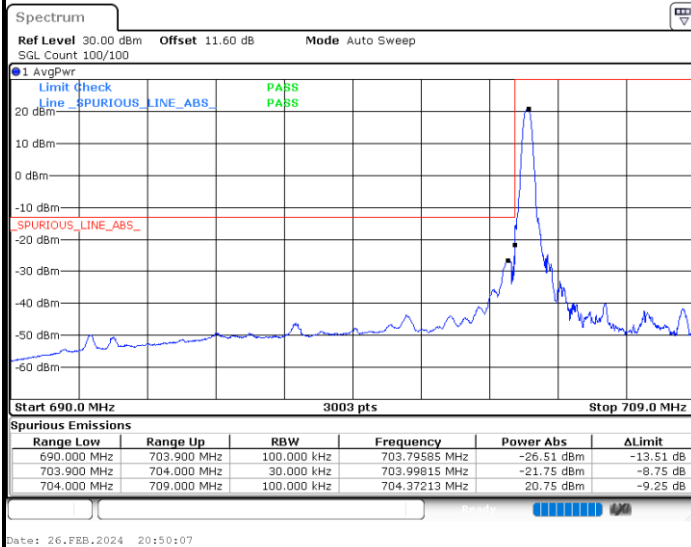
Highest Band Edge / Full RB



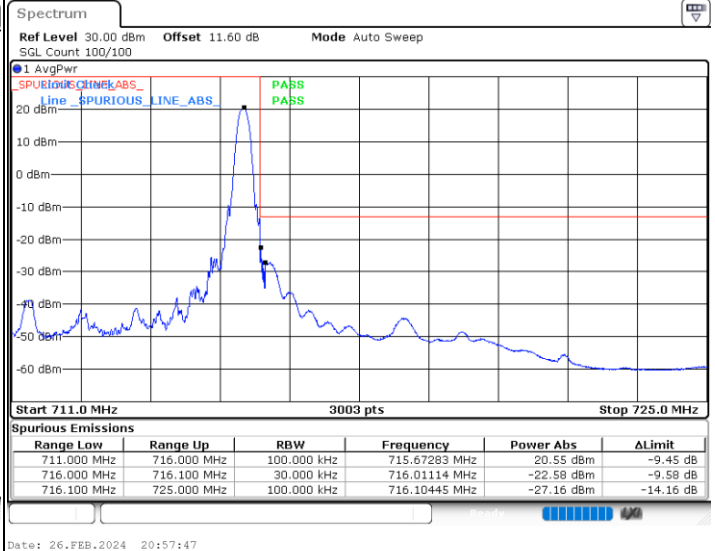


LTE Band 17 / 5MHz / 16QAM

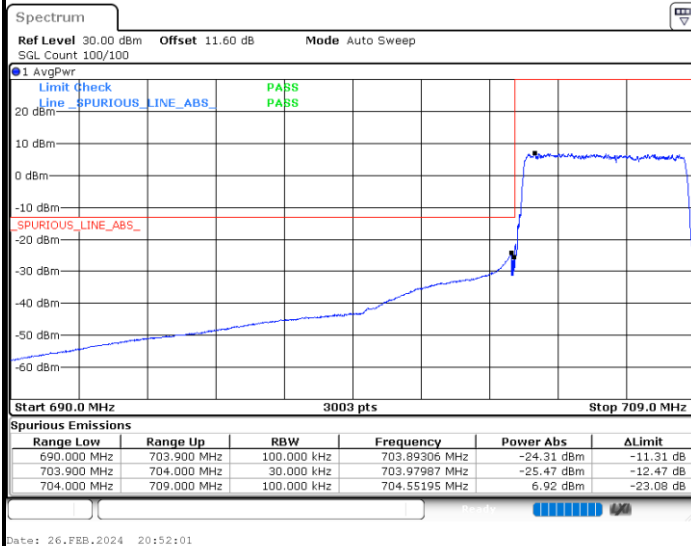
Lowest Band Edge / 1 RB



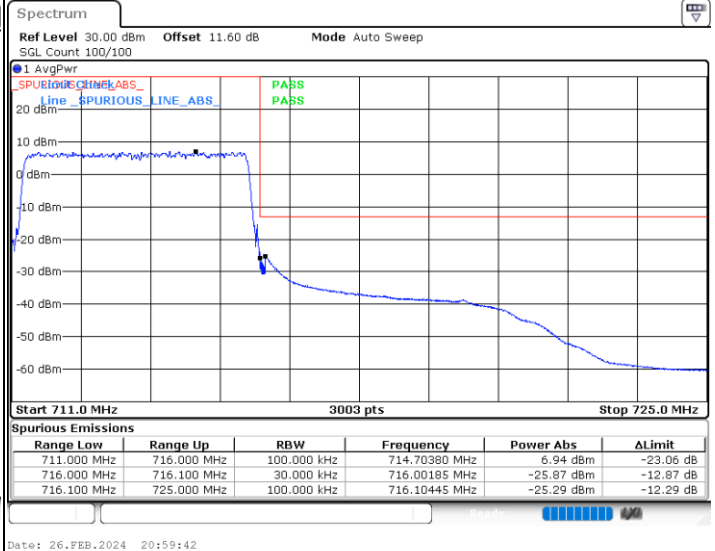
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



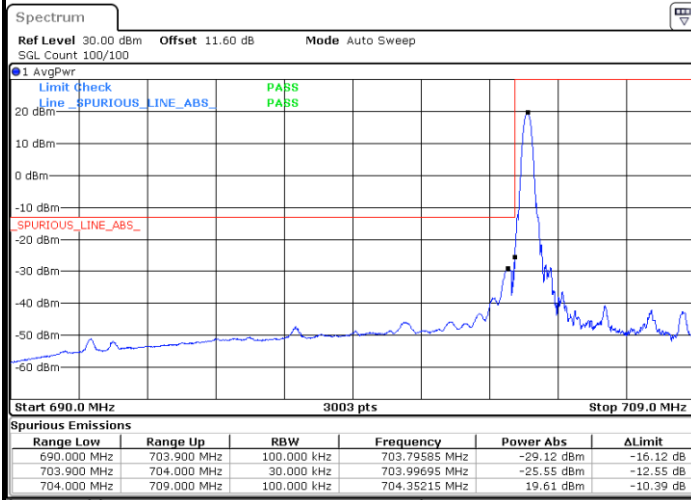
Highest Band Edge / Full RB



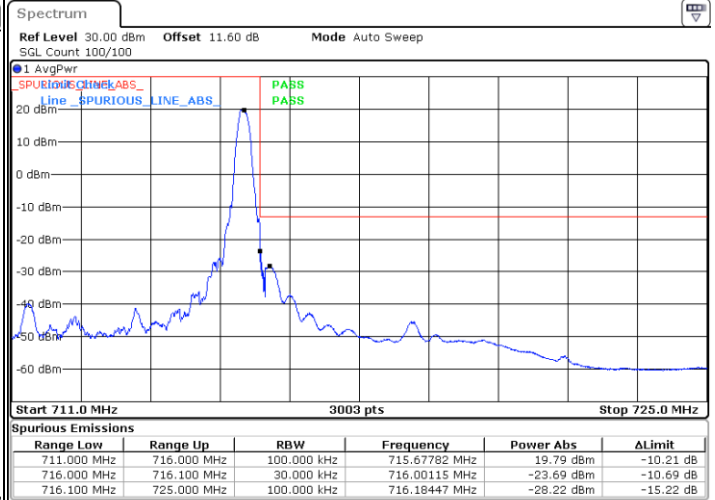


LTE Band 17 / 5MHz / 64QAM

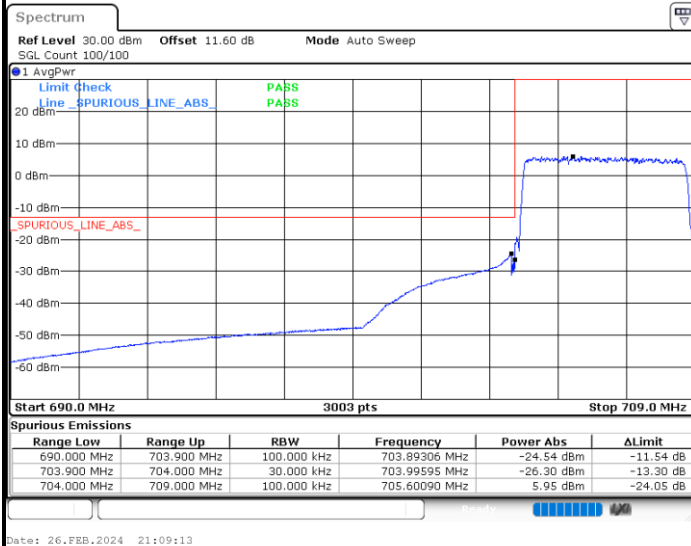
Lowest Band Edge / 1 RB



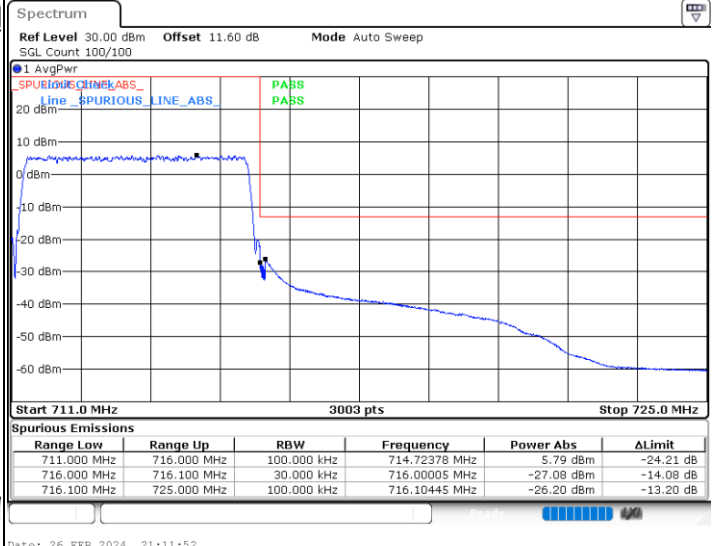
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



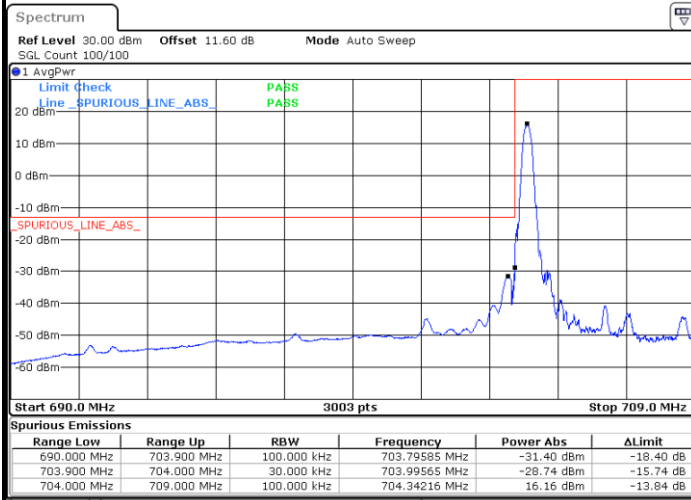
Highest Band Edge / Full RB





LTE Band 17 / 5MHz / 256QAM

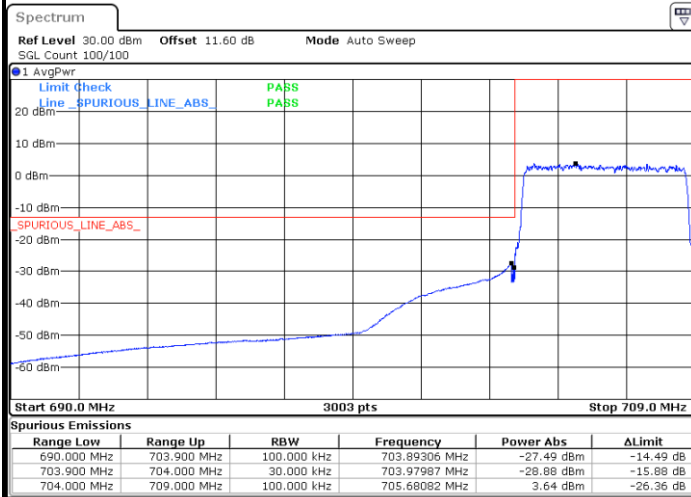
Lowest Band Edge / 1 RB



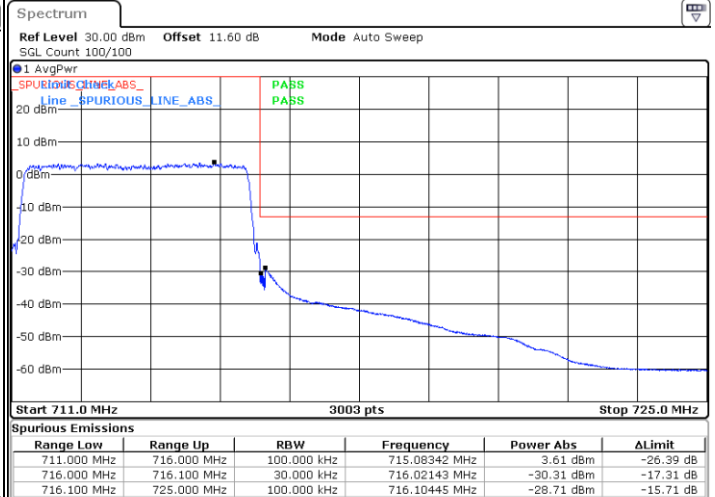
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



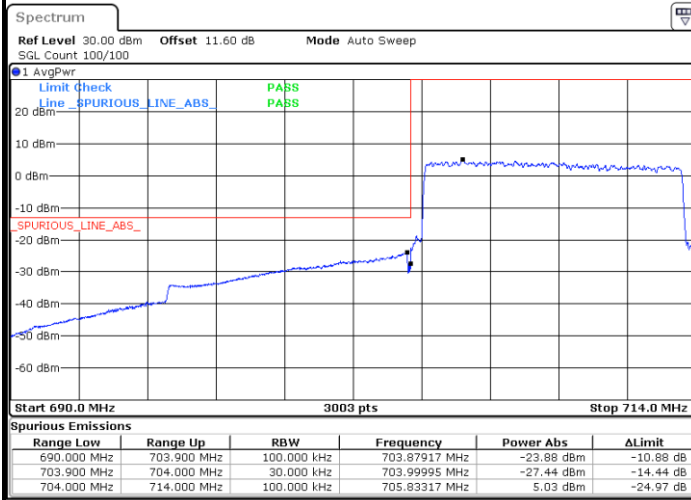
Highest Band Edge / Full RB





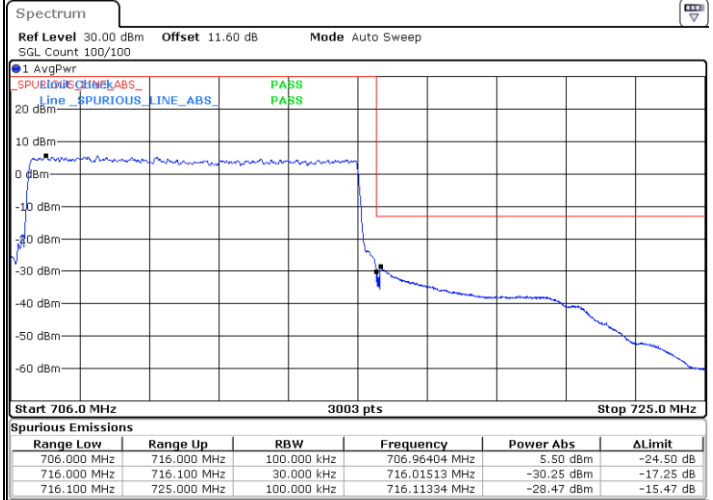
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.FEB.2024 21:02:22

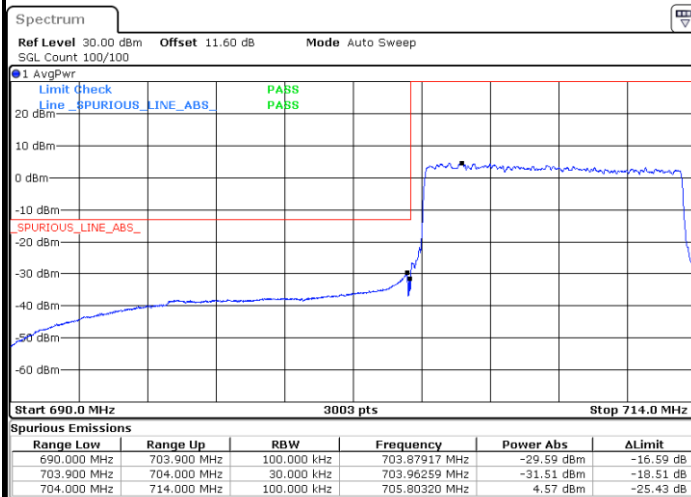
Highest Band Edge / Full RB



Date: 26.FEB.2024 21:05:46

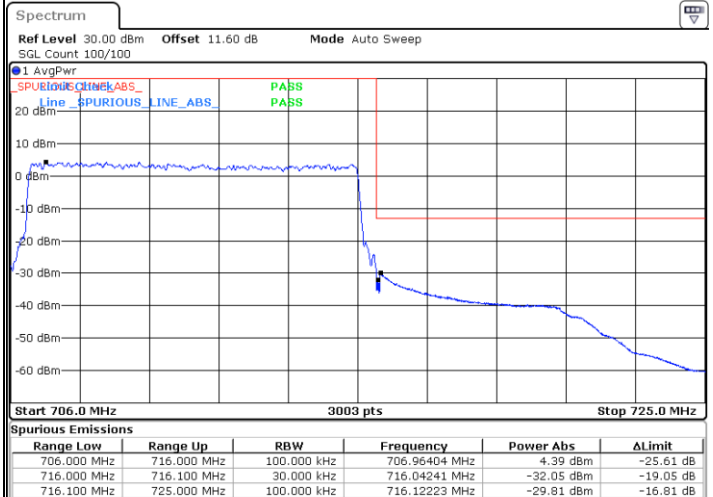
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.FEB.2024 21:03:19

Highest Band Edge / Full RB

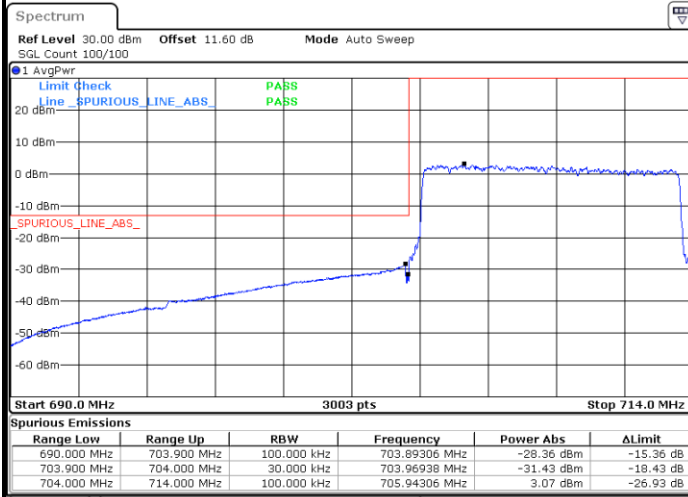


Date: 26.FEB.2024 21:06:43

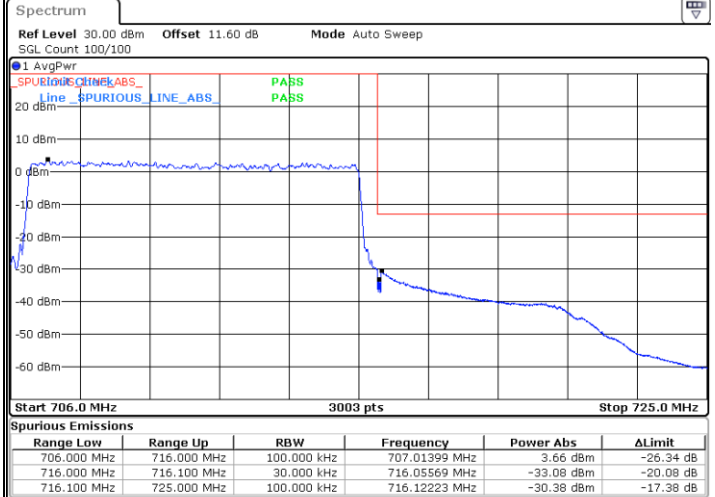


LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / Full RB

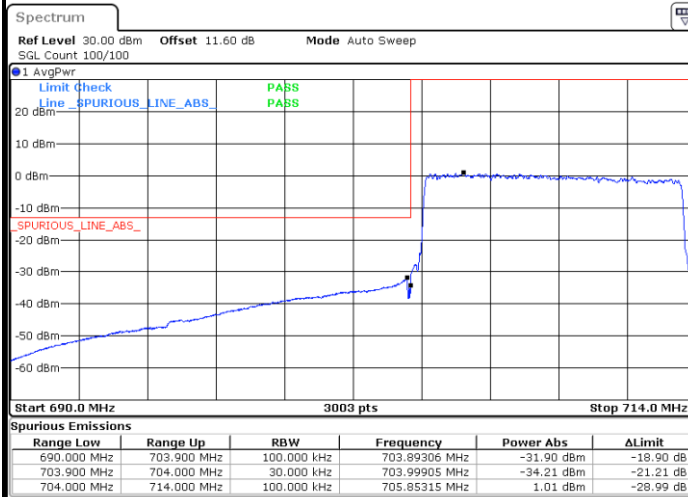


Highest Band Edge / Full RB

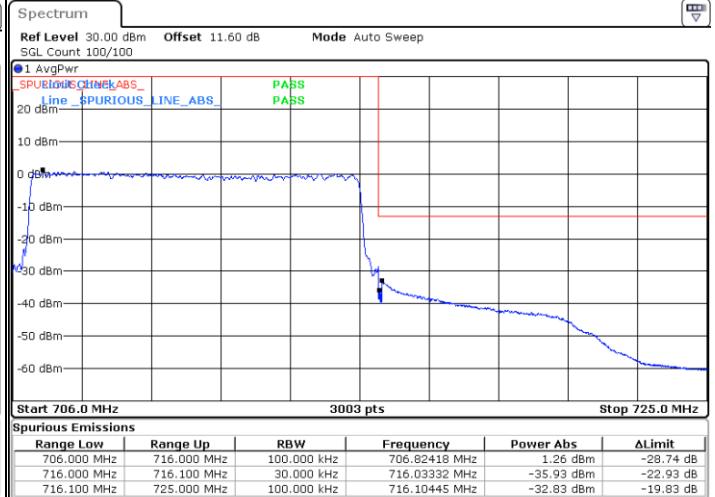


LTE Band 17 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Conducted Spurious Emission