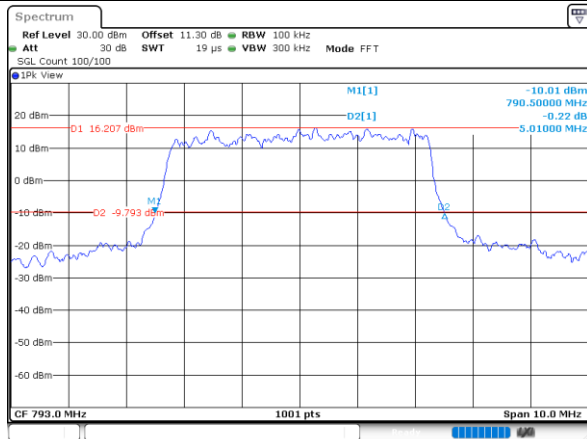




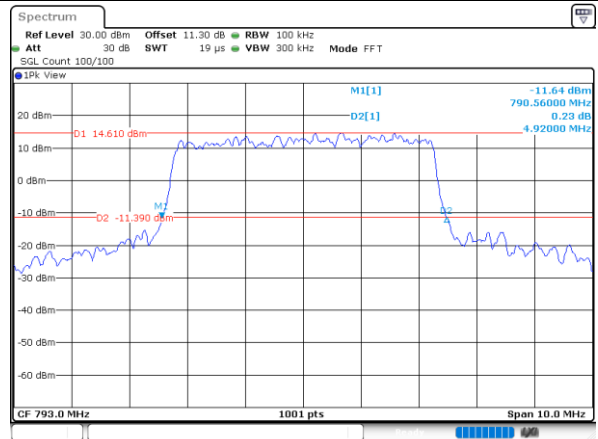
LTE Band 14

Middle Channel / 5MHz / QPSK



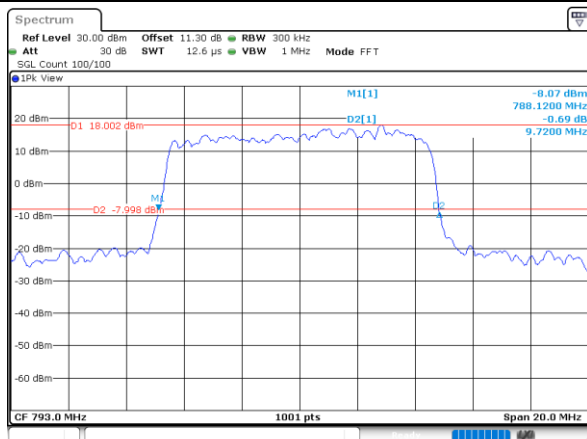
Date: 3.JUN.2025 19:38:13

Middle Channel / 5MHz / 16QAM



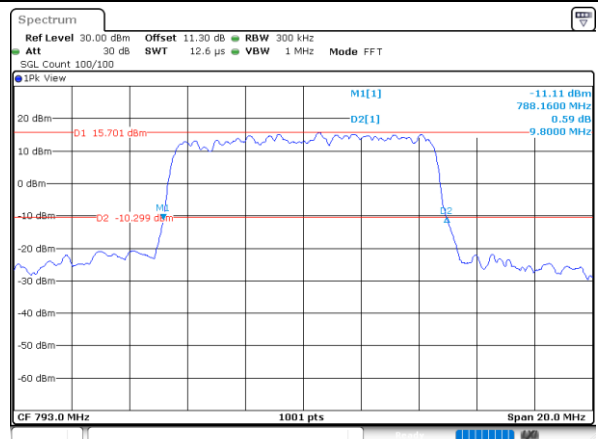
Date: 3.JUN.2025 19:38:35

Middle Channel / 10MHz / QPSK



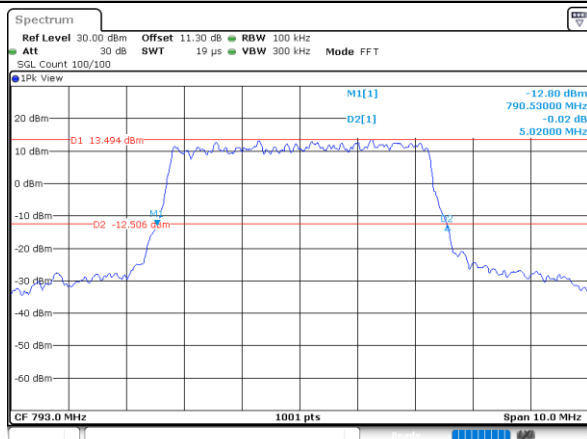
Date: 3.JUN.2025 20:02:27

Middle Channel / 10MHz / 16QAM



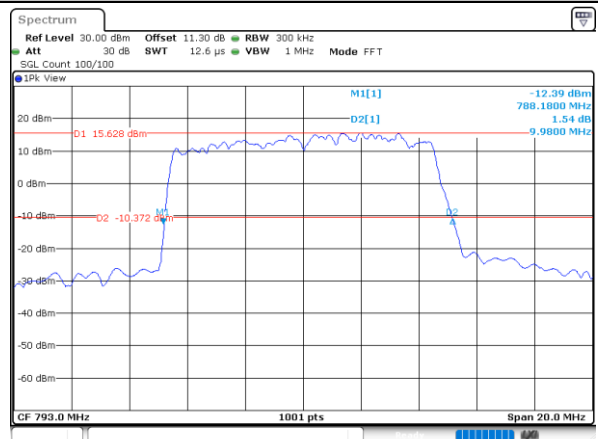
Date: 3.JUN.2025 20:02:56

Middle Channel / 5MHz / 64QAM



Date: 3.JUN.2025 20:01:41

Middle Channel / 10MHz / 64QAM

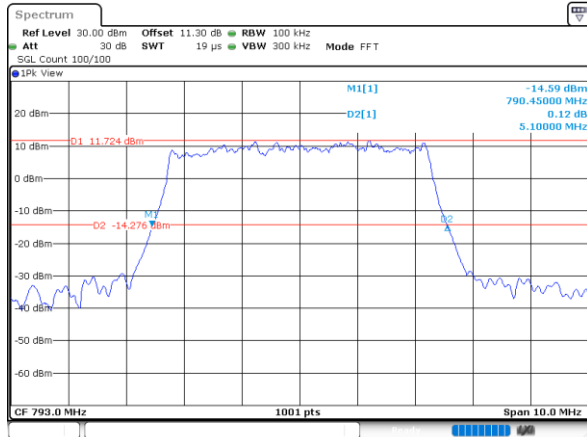


Date: 3.JUN.2025 20:03:13

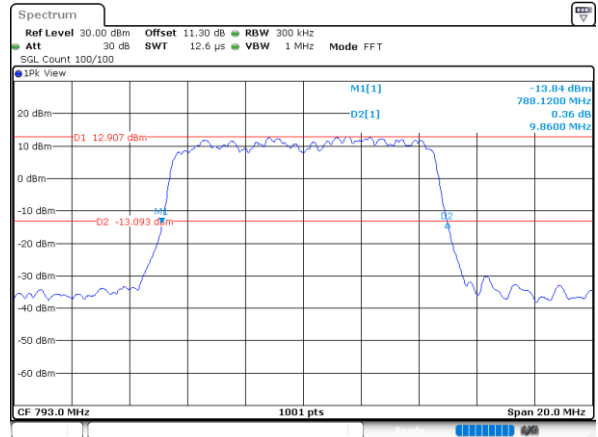


LTE Band 14

Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



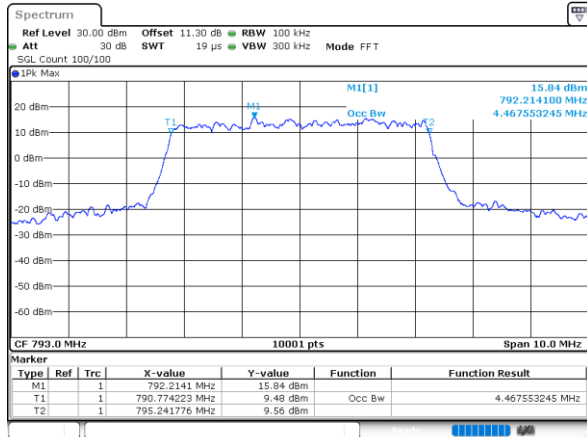
**Occupied Bandwidth**

Mode	LTE Band 14 : 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	-	-	-	-	4.46	4.47	9.03	9.00	-	-	-	-
Mode	LTE Band 14 : 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	-	-	-	-	4.48	4.48	9.00	8.95	-	-	-	-

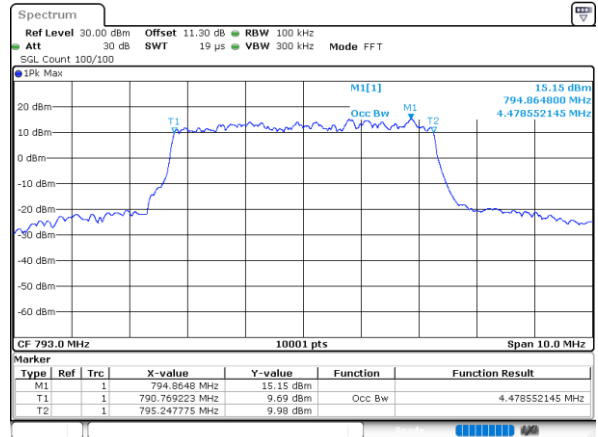


LTE Band 14

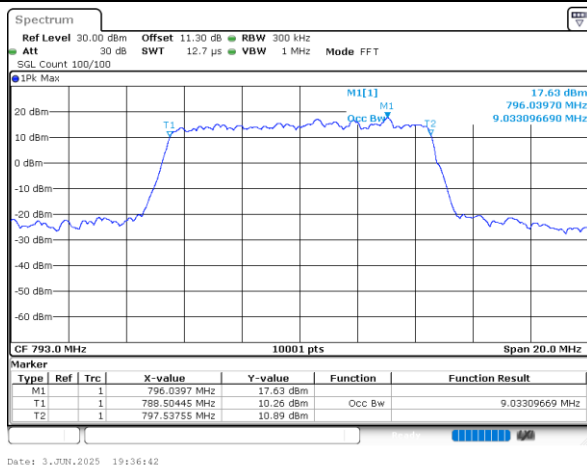
Middle Channel / 5MHz / QPSK



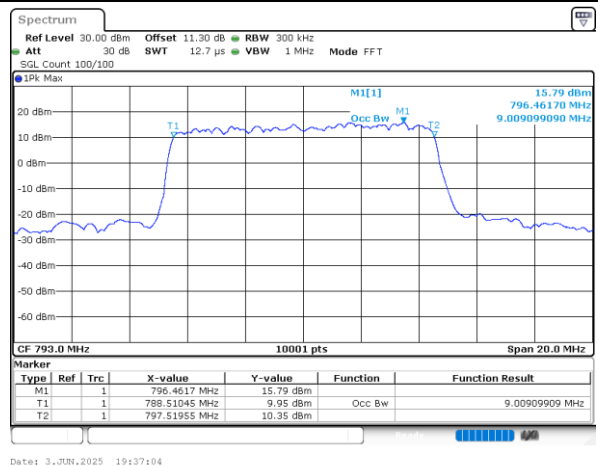
Middle Channel / 5MHz / 16QAM



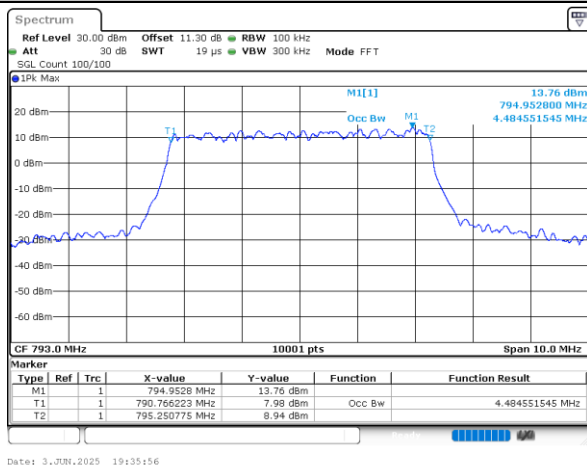
Middle Channel / 10MHz / QPSK



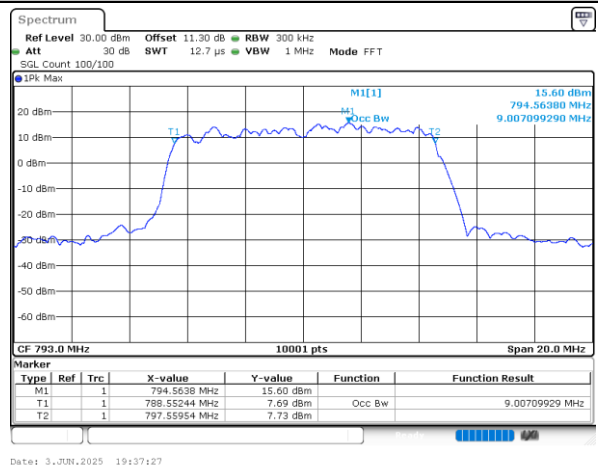
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



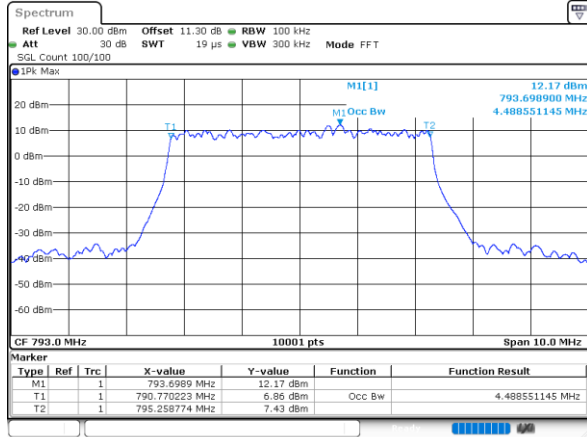
Middle Channel / 10MHz / 64QAM



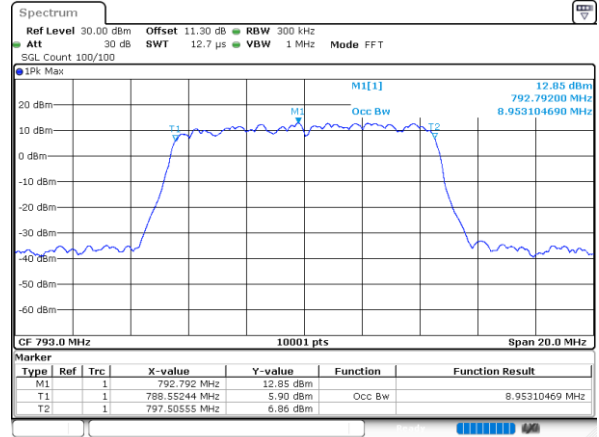


LTE Band 14

Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

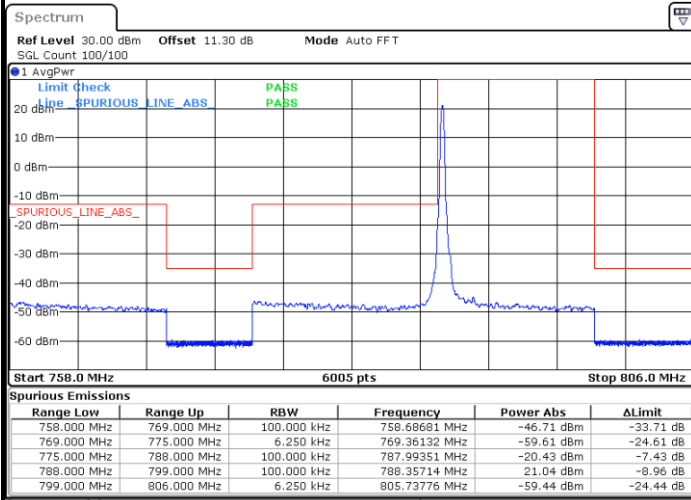




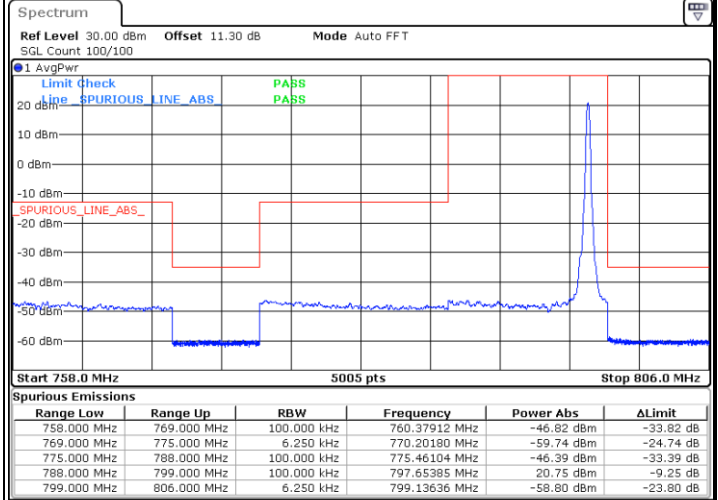
Conducted Band Edge

LTE Band 14 / 5MHz / QPSK

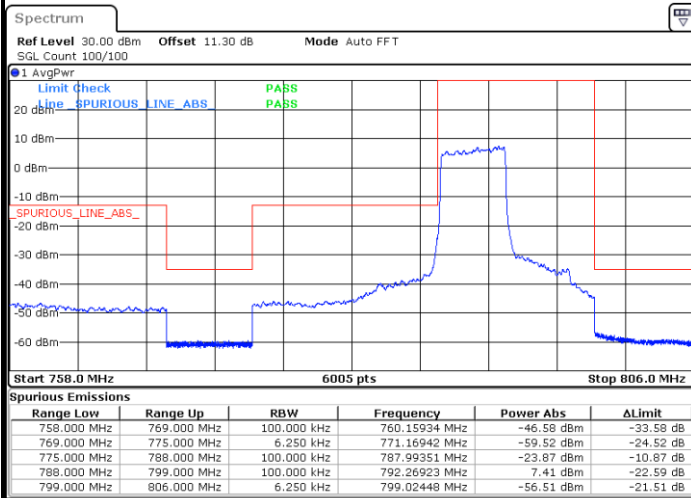
Lowest Band Edge / 1 RB



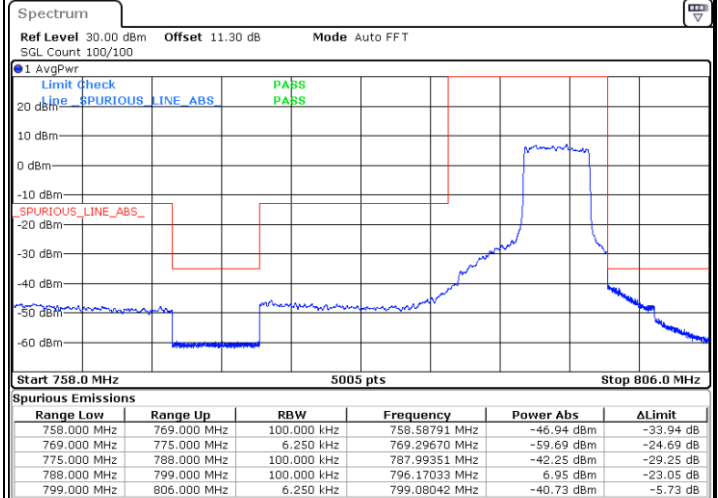
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



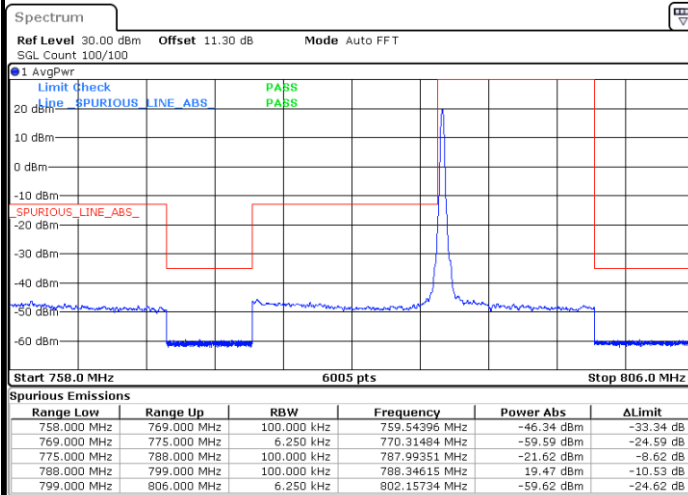
Highest Band Edge / Full RB





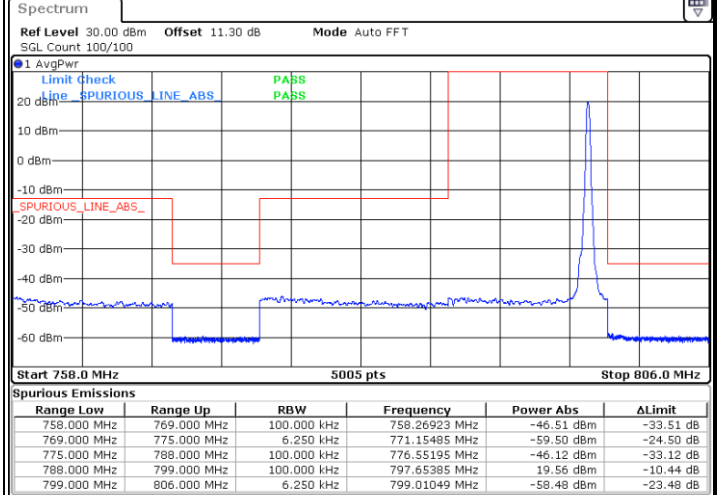
LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



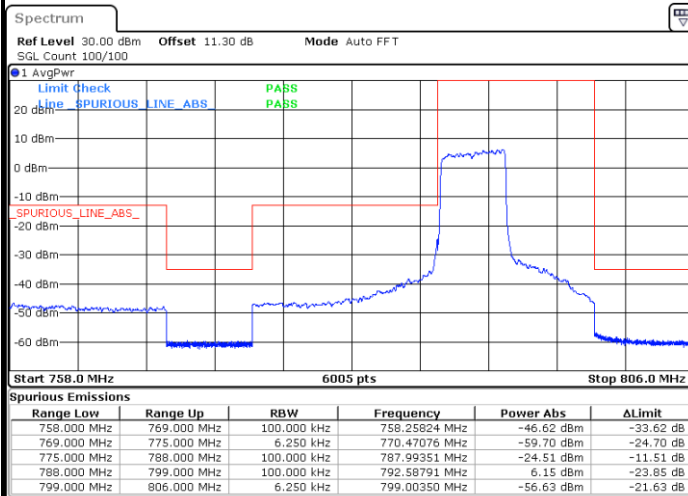
Date: 3.JUN.2025 14:32:41

Highest Band Edge / 1 RB



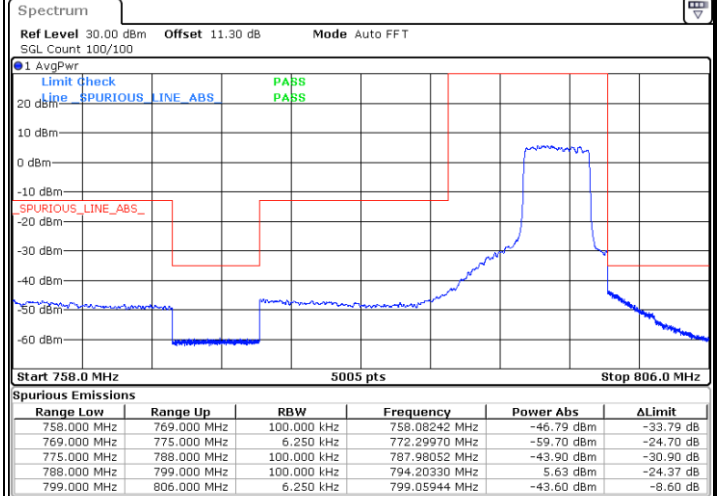
Date: 3.JUN.2025 18:24:13

Lowest Band Edge / Full RB



Date: 3.JUN.2025 13:39:14

Highest Band Edge / Full RB

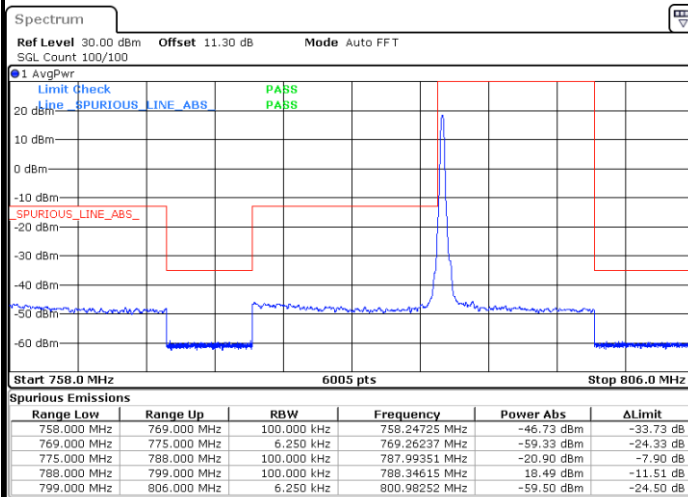


Date: 3.JUN.2025 14:42:40

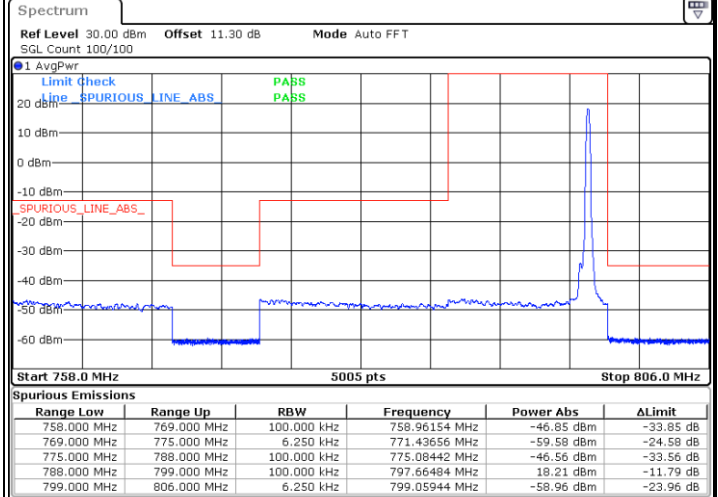


LTE Band 14 / 5MHz / 64QAM

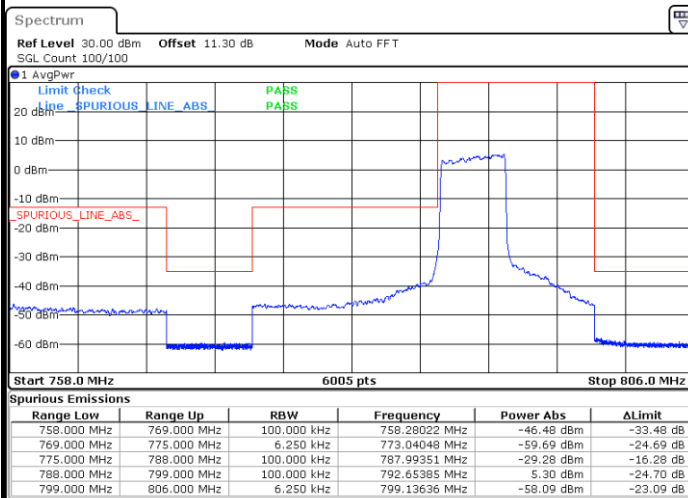
Lowest Band Edge / 1 RB



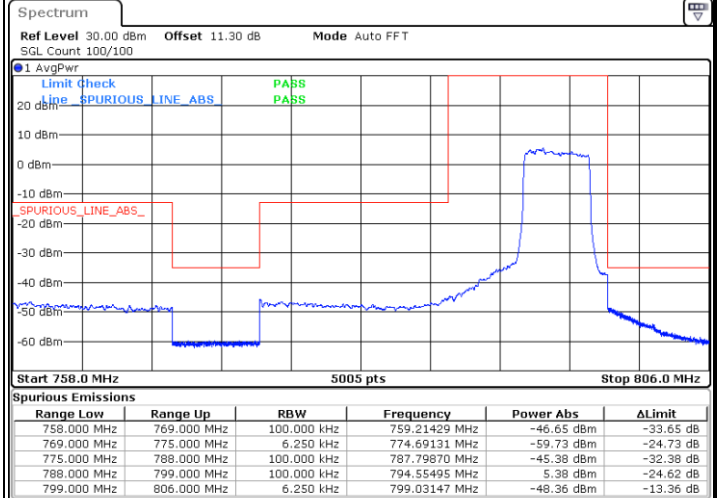
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



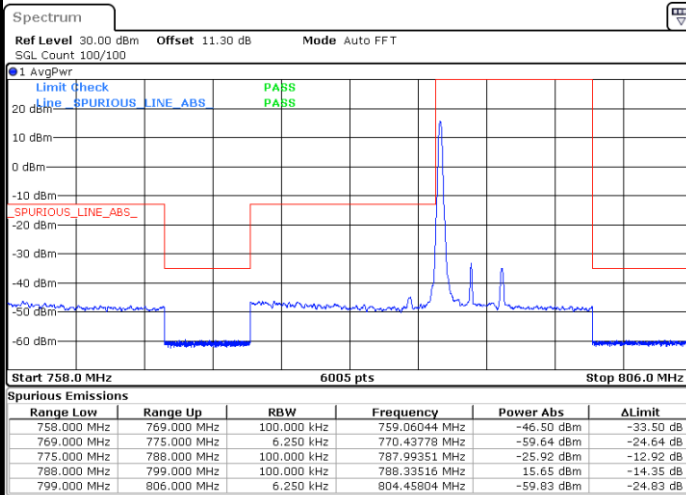
Highest Band Edge / Full RB



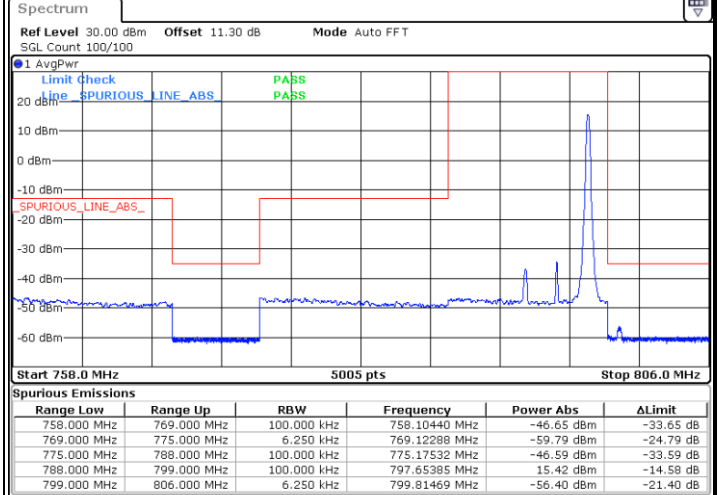


LTE Band 14 / 5MHz / 256QAM

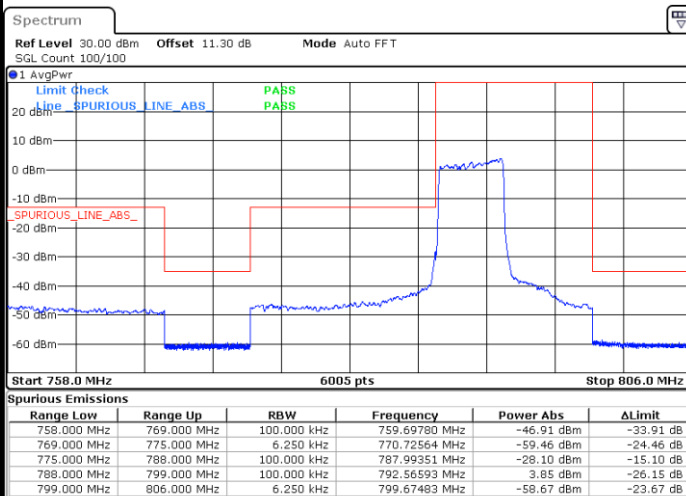
Lowest Band Edge / 1 RB



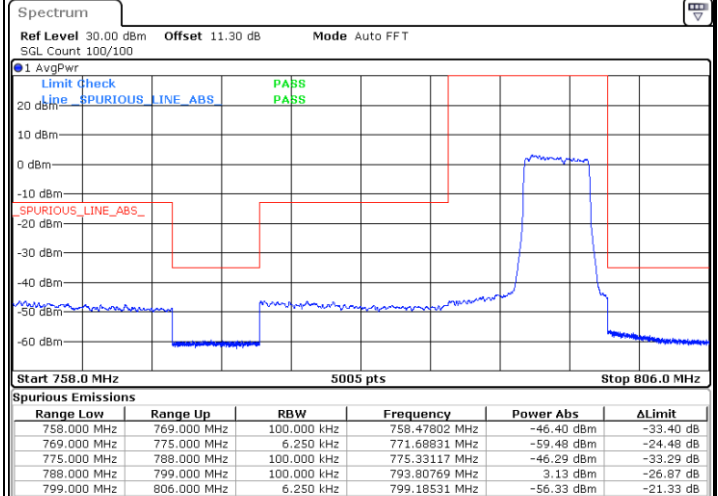
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



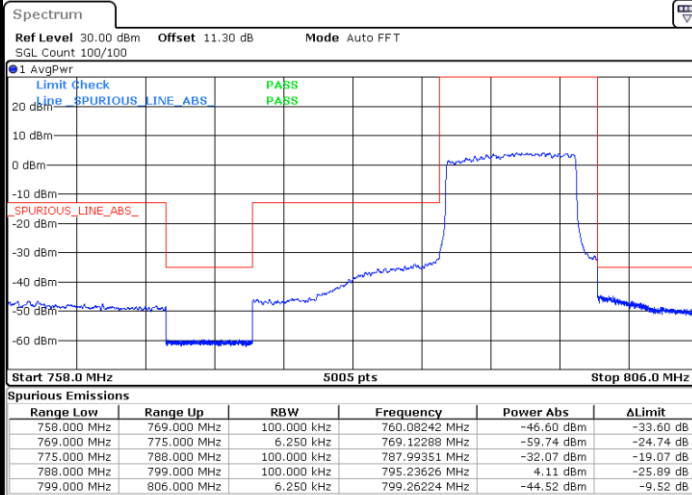
Highest Band Edge / Full RB





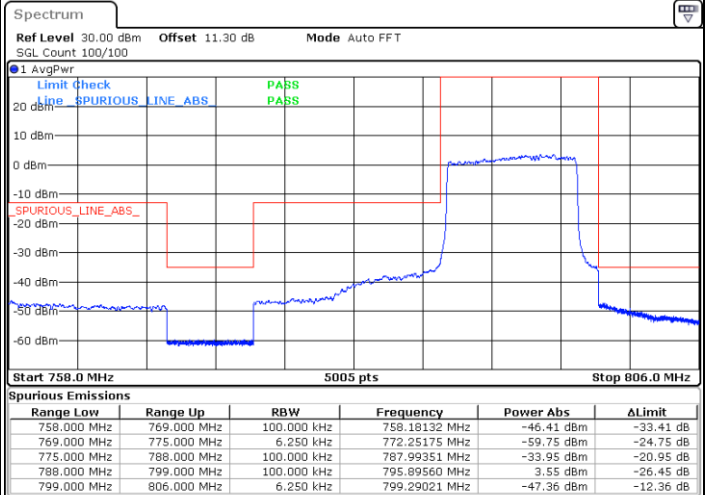
LTE Band 14 / 10MHz / QPSK

Band Edge / Full RB



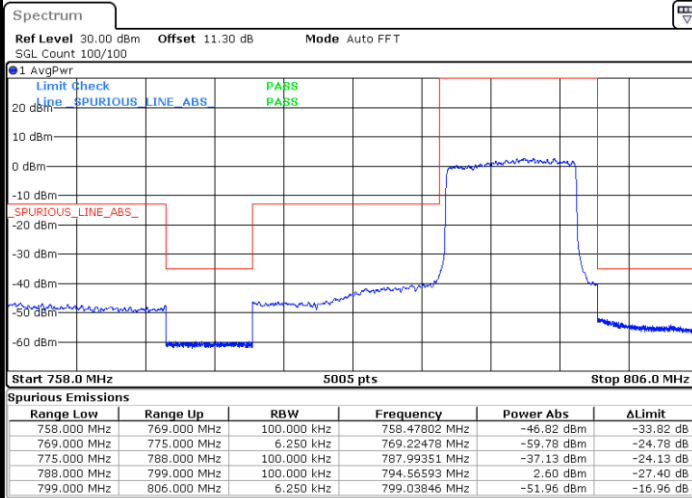
LTE Band 14 / 10MHz / 16QAM

Band Edge / Full RB



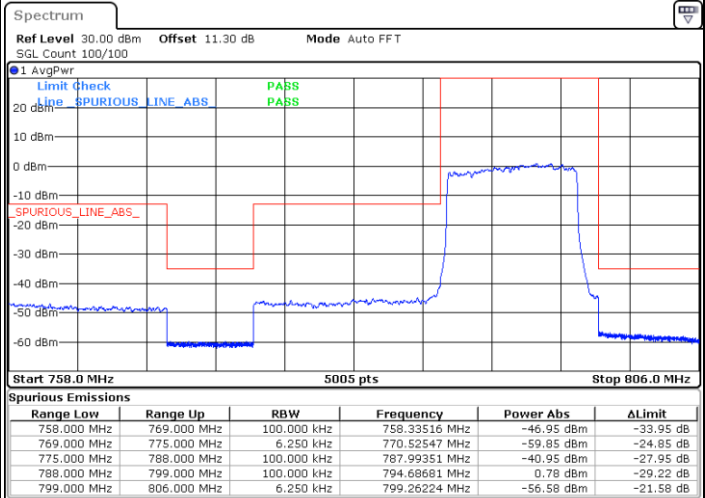
LTE Band 14 / 10MHz / 64QAM

Band Edge / Full RB



LTE Band 14 / 10MHz / 256QAM

Band Edge / Full RB

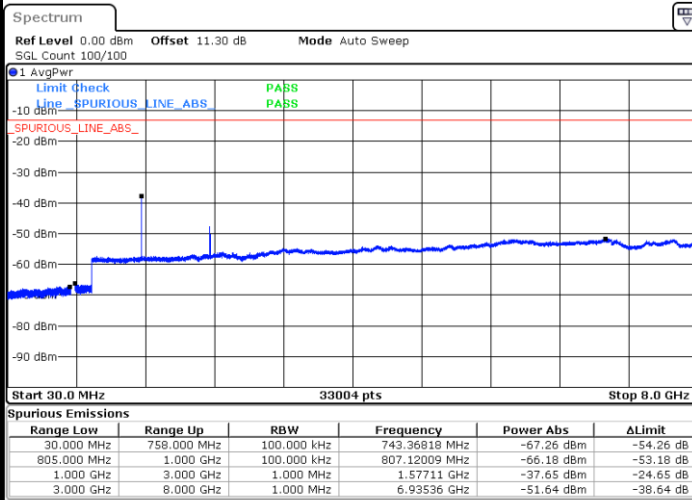




Conducted Spurious Emission

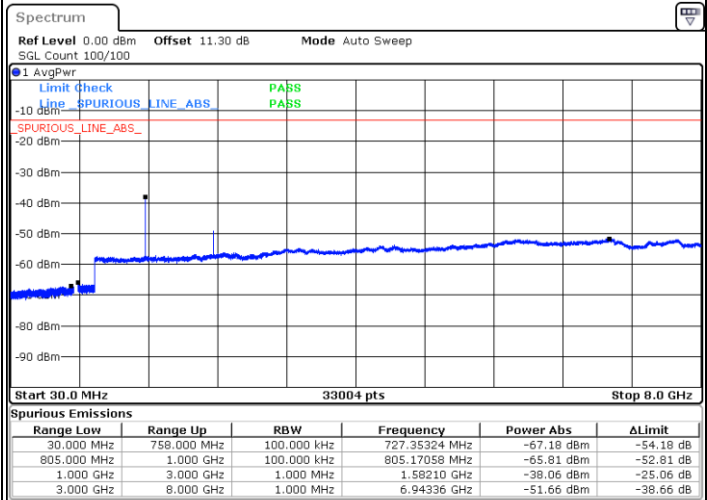
LTE Band 14 / 5MHz

Lowest Channel / QPSK



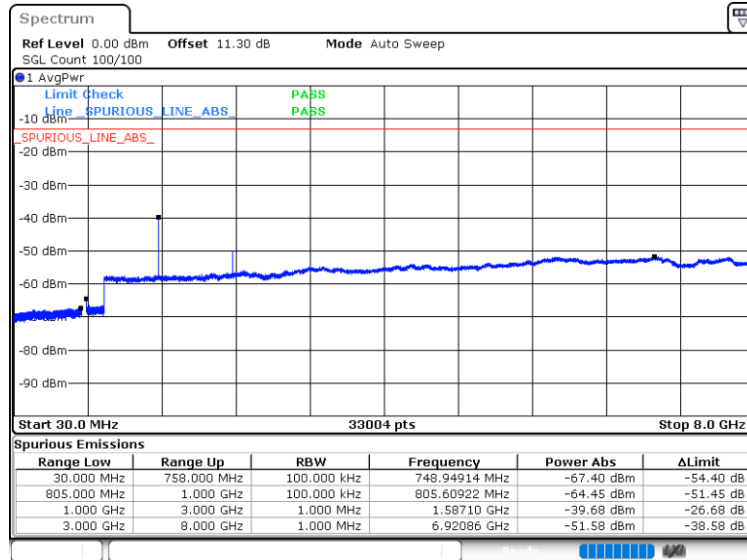
Date: 3.JUN.2025 20:08:08

Middle Channel / QPSK



Date: 3.JUN.2025 20:09:30

Highest Channel / QPSK

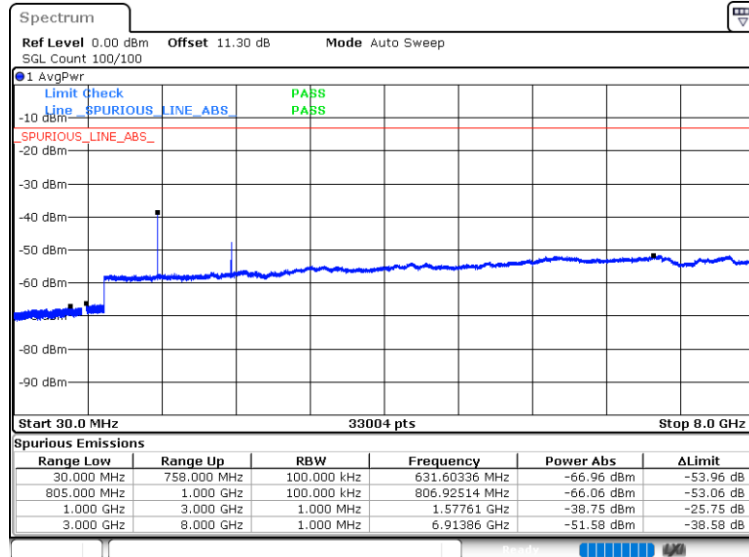


Date: 3.JUN.2025 20:10:53

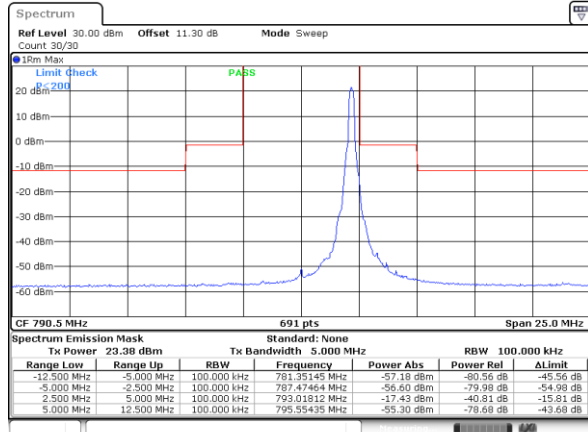
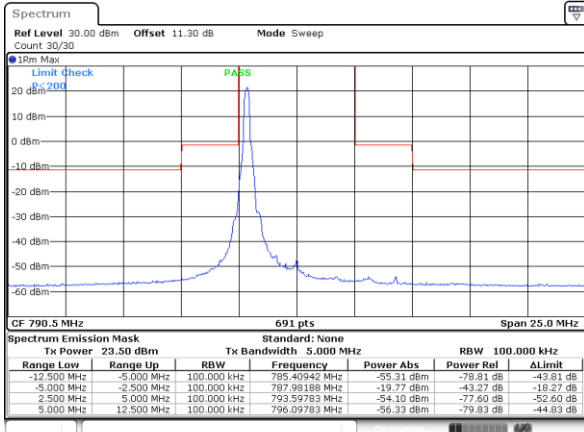
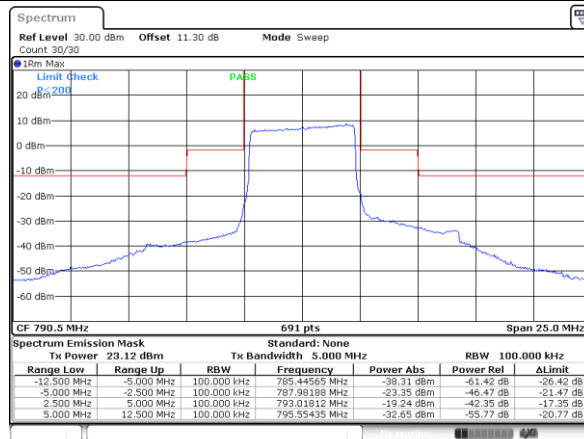


LTE Band 14 / 10MHz

Middle Channel / QPSK



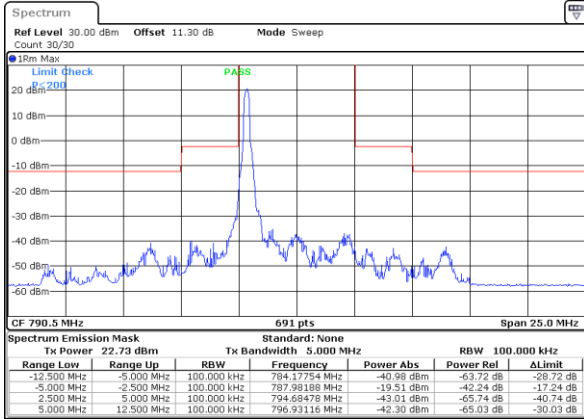
Date: 3..JUN.2025 20:12:16

**Mask****LTE Band 14 / 5MHz / QPSK****Lowest Channel / 1RB****Lowest Channel / Full RB**

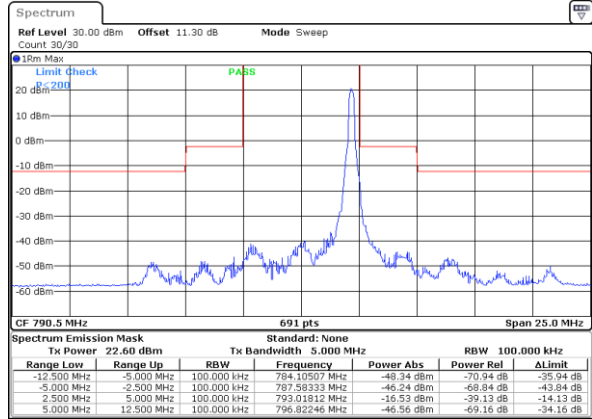


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

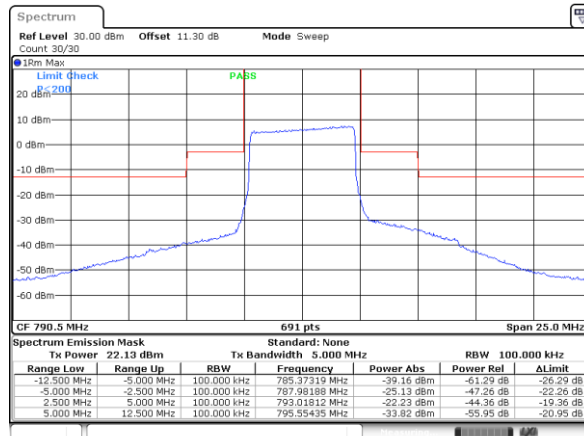


Date: 3.JUN.2025 18:39:37



Date: 3.JUN.2025 18:45:41

Lowest Channel / Full RB

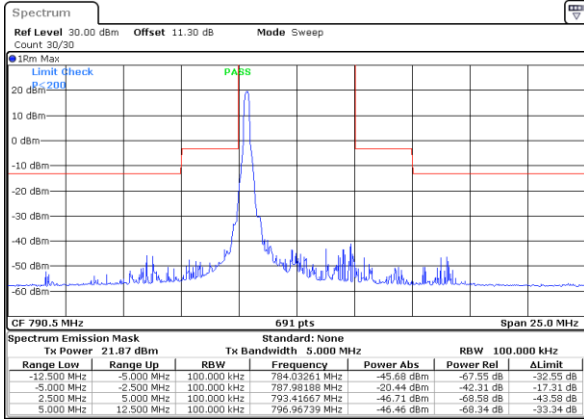


Date: 3.JUN.2025 18:34:49

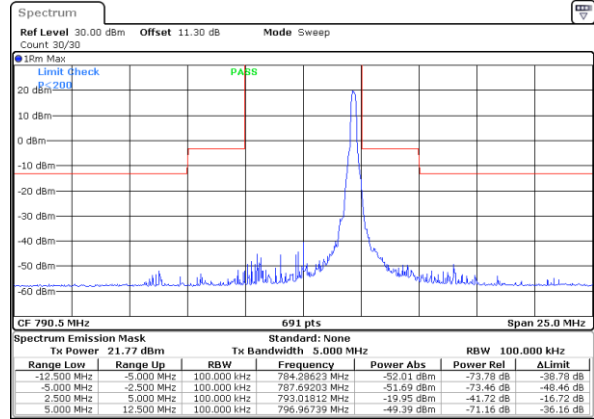


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

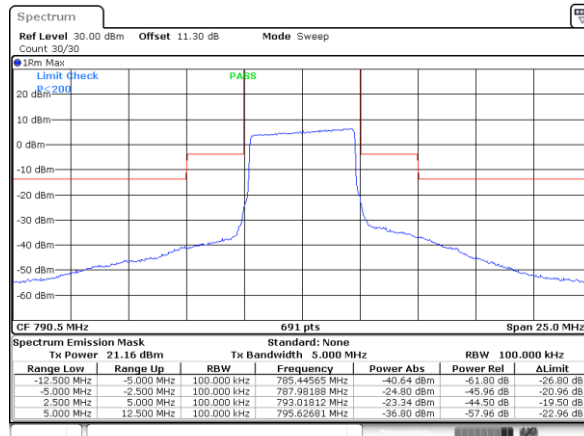


Date: 3.JUN.2025 18:40:49



Date: 3.JUN.2025 18:46:53

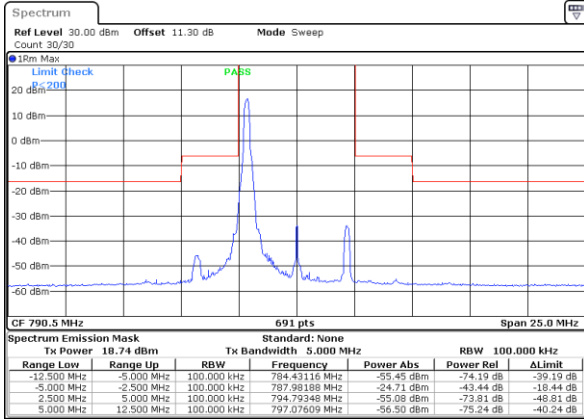
Lowest Channel / Full RB



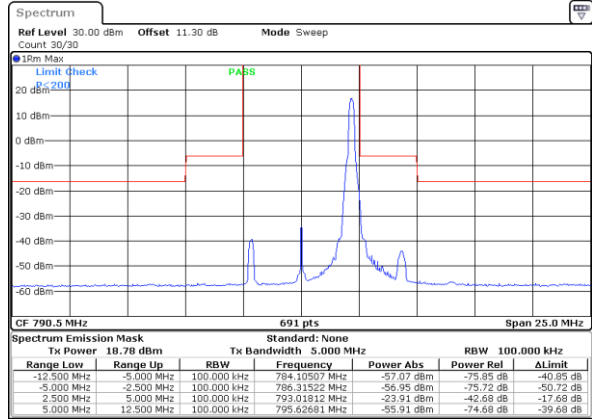
Date: 3.JUN.2025 18:36:01

LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

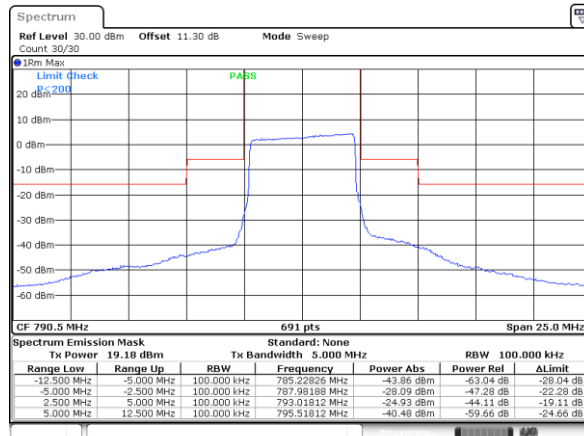


Date: 3.JUN.2025 18:42:01



Date: 3.JUN.2025 18:48:05

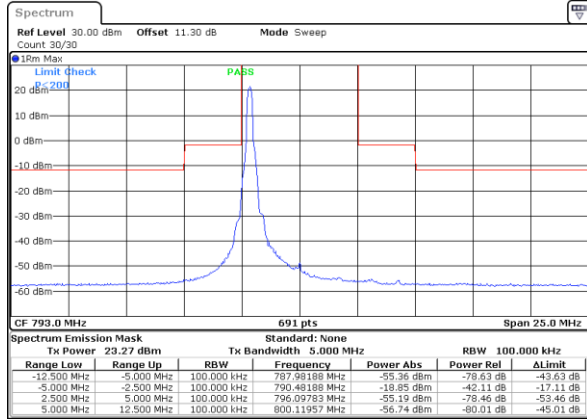
Lowest Channel / Full RB



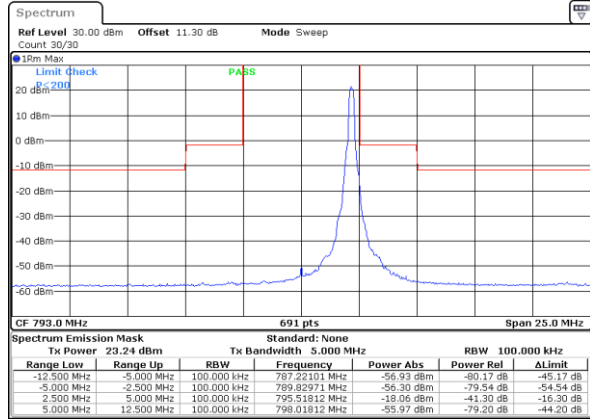
Date: 3.JUN.2025 18:37:13

LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

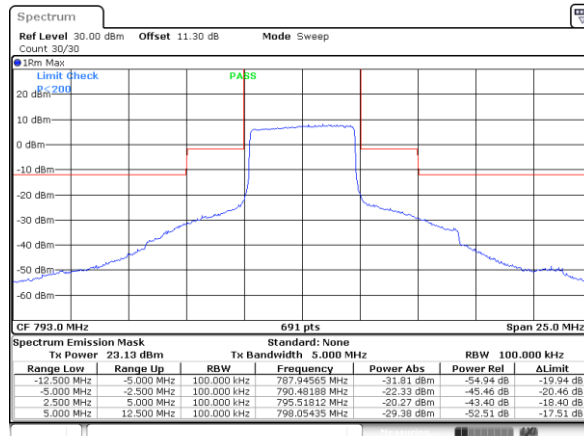


Date: 3.JUN.2025 18:56:11



Date: 3.JUN.2025 19:00:57

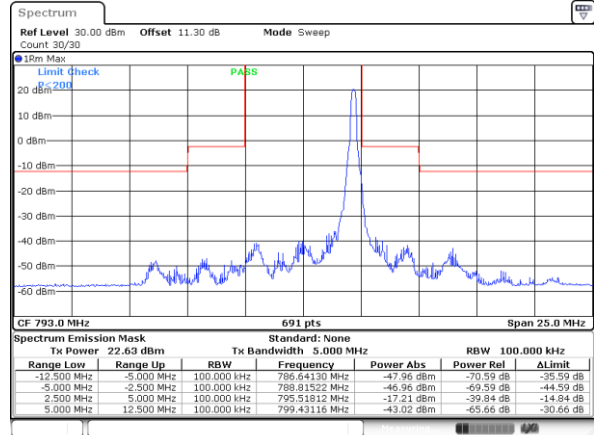
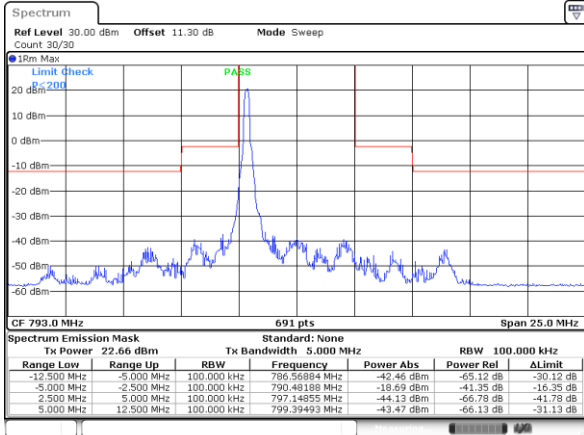
Middle Channel / Full RB



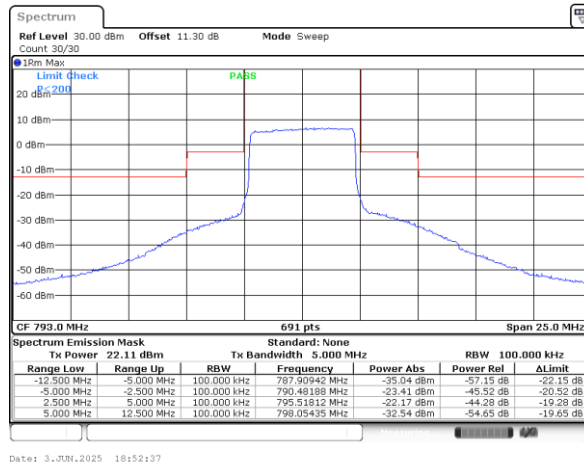
Date: 3.JUN.2025 18:51:25

LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

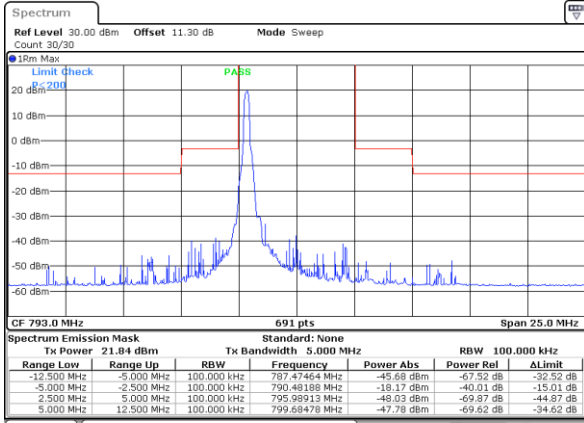


Middle Channel / Full RB

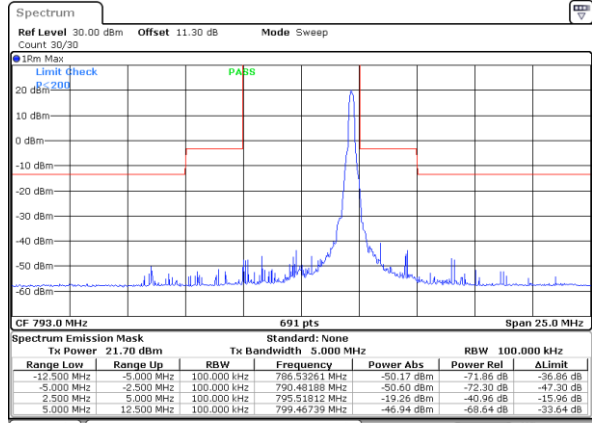


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

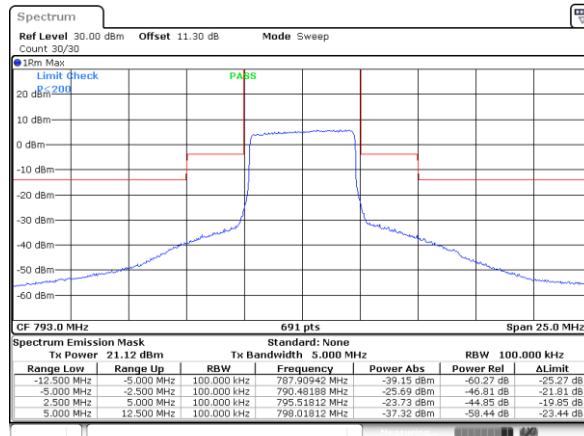


Date: 3.JUN.2025 18:58:34



Date: 3.JUN.2025 19:03:19

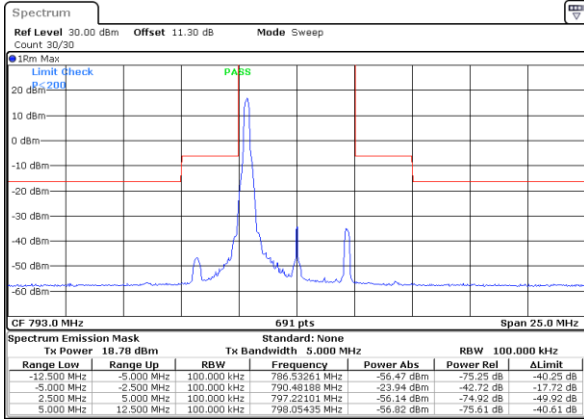
Middle Channel / Full RB



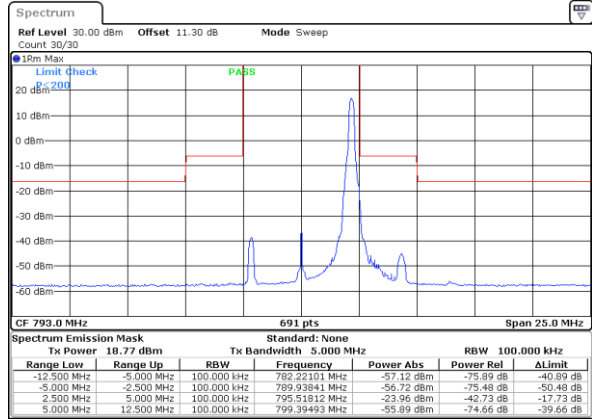
Date: 3.JUN.2025 18:53:48

LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

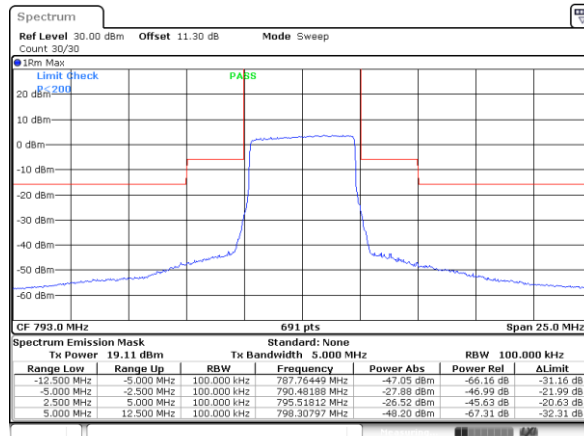


Date: 3.JUN.2025 18:59:45



Date: 3.JUN.2025 19:04:31

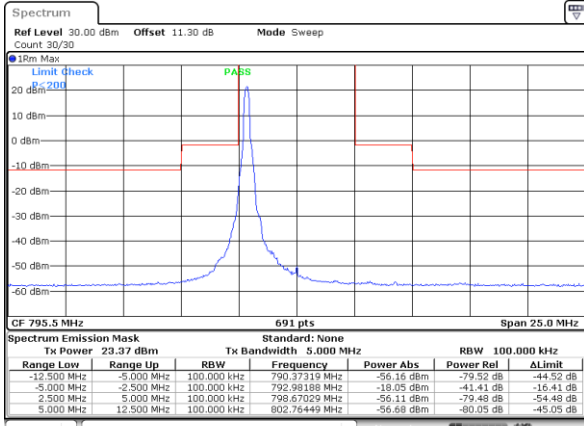
Middle Channel / Full RB



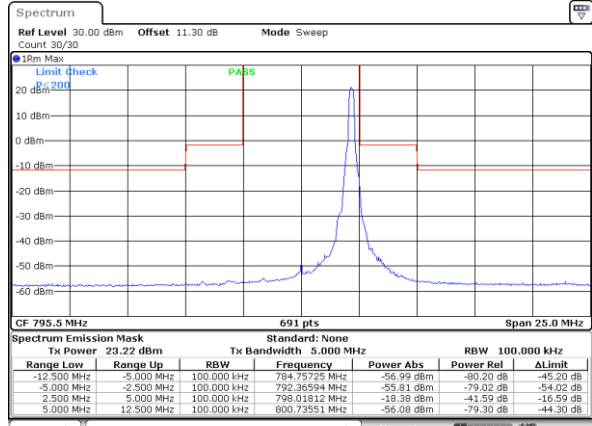
Date: 3.JUN.2025 18:55:00

LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

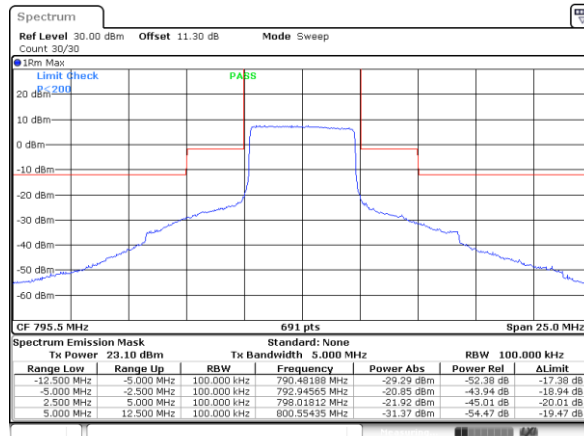


Date: 3.JUN.2025 19:10:33



Date: 3.JUN.2025 19:15:24

Highest Channel / Full RB

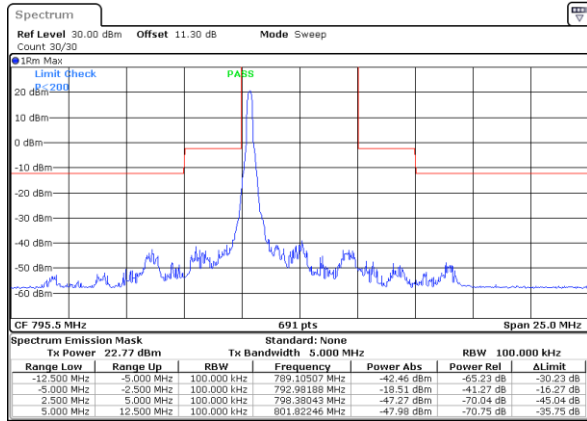


Date: 3.JUN.2025 19:05:42

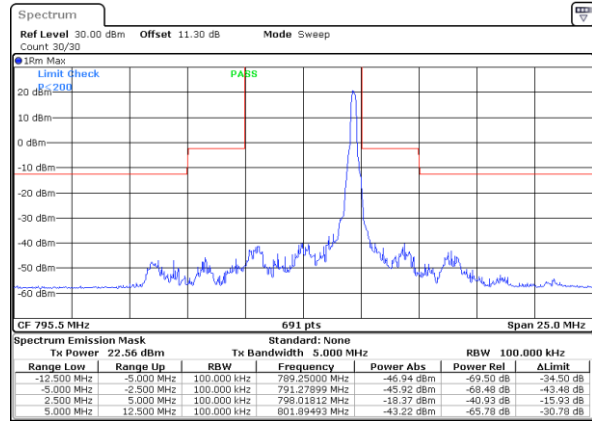


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

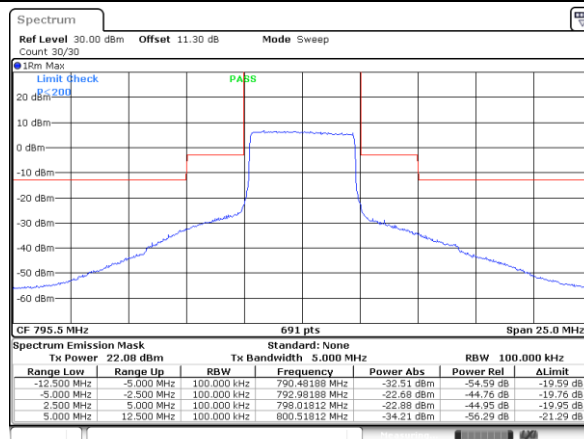


Date: 3.JUN.2025 19:11:45



Date: 3.JUN.2025 19:16:36

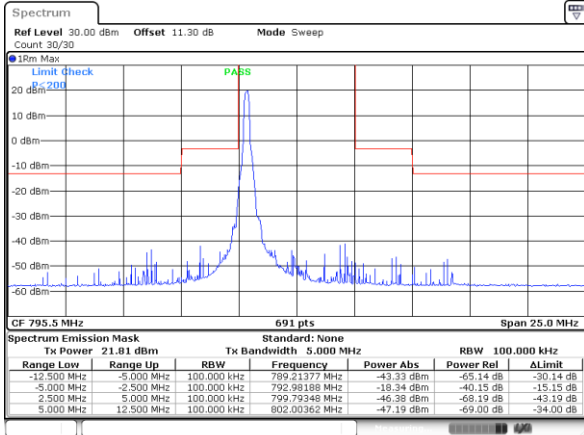
Highest Channel / Full RB



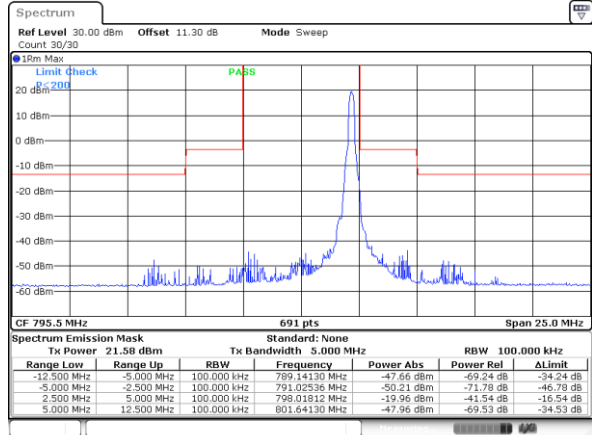
Date: 3.JUN.2025 19:06:54

LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

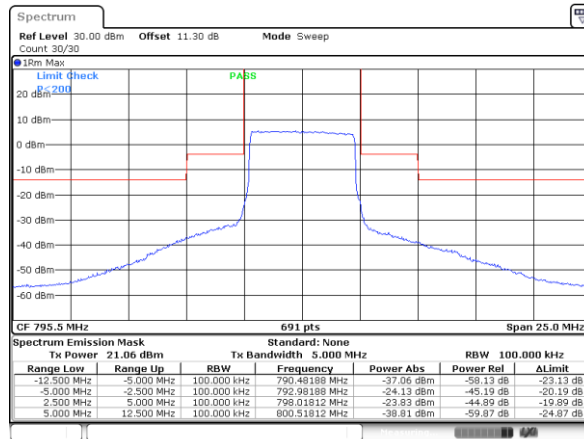


Date: 3.JUN.2025 19:12:57



Date: 3.JUN.2025 19:17:48

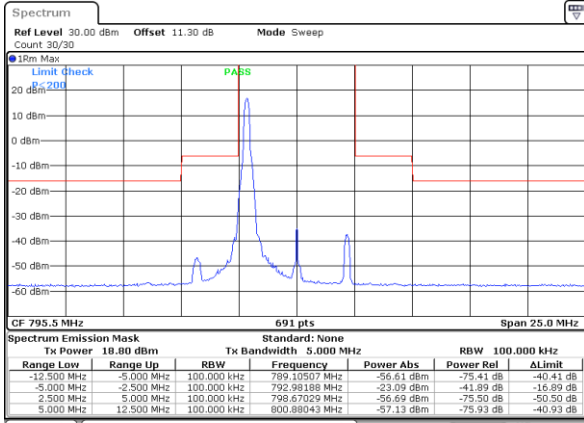
Highest Channel / Full RB



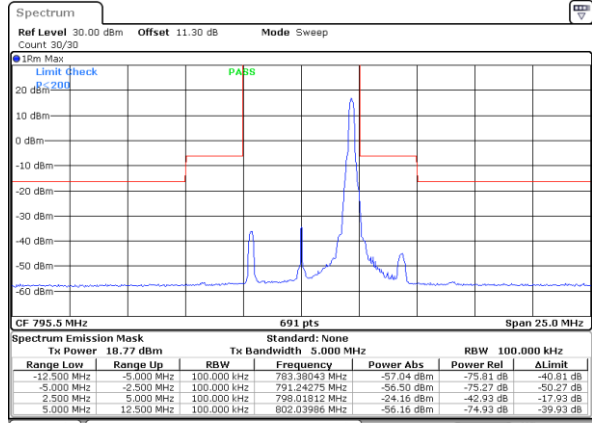
Date: 3.JUN.2025 19:08:06

LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

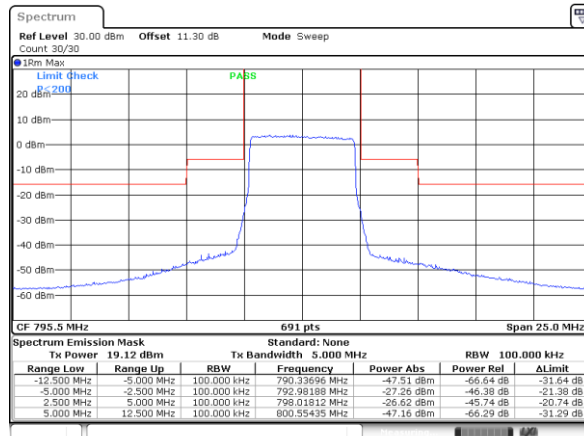


Date: 3.JUN.2025 19:14:09



Date: 3.JUN.2025 19:19:00

Highest Channel / Full RB

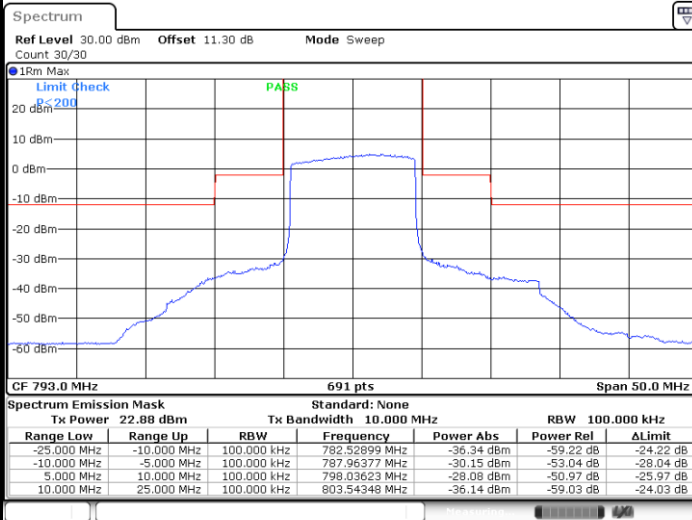


Date: 3.JUN.2025 19:09:18



LTE Band 14 / 10MHz / QPSK

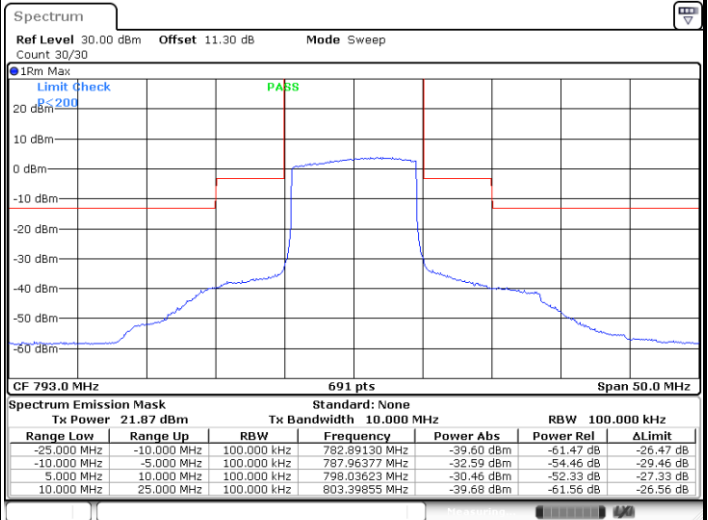
Middle Channel / Full RB



Date: 3.JUN.2025 19:31:13

LTE Band 14 / 10MHz / 16QAM

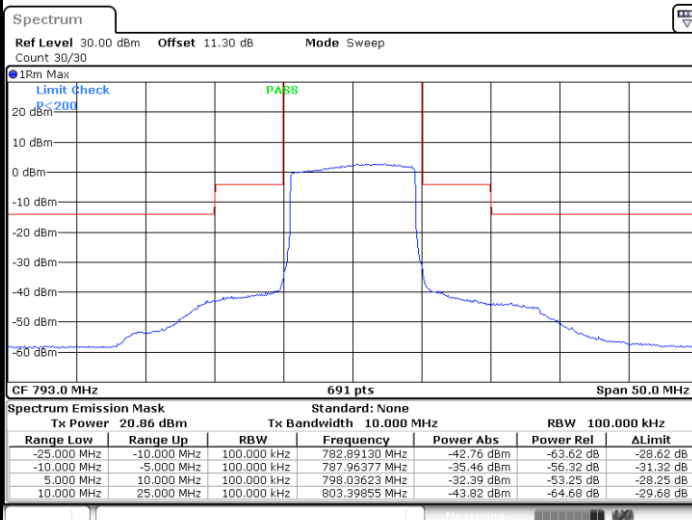
Middle Channel / Full RB



Date: 3.JUN.2025 19:32:24

LTE Band 14 / 10MHz / 64QAM

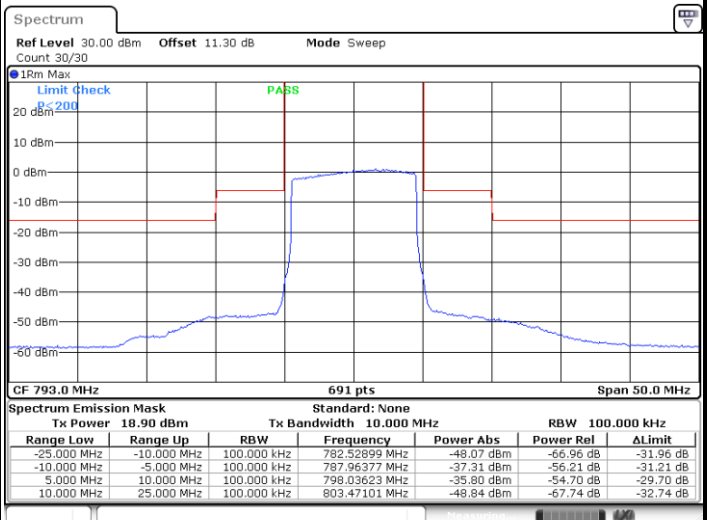
Middle Channel / Full RB



Date: 3.JUN.2025 19:33:36

LTE Band 14 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 3.JUN.2025 19:34:47

Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0155	PASS
40	Normal Voltage	0.0116	
30	Normal Voltage	0.0193	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0207	
0	Normal Voltage	0.0077	
-10	Normal Voltage	0.0199	
-20	Normal Voltage	0.0194	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0237	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0040	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 3.6 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

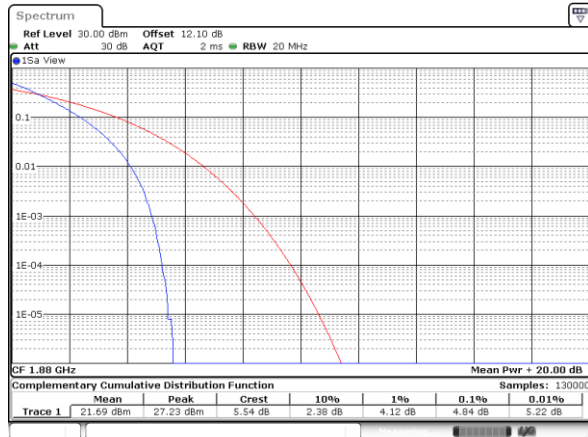
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.84	5.77	6.20	6.67	PASS



LTE Band 25 / 20MHz / QPSK

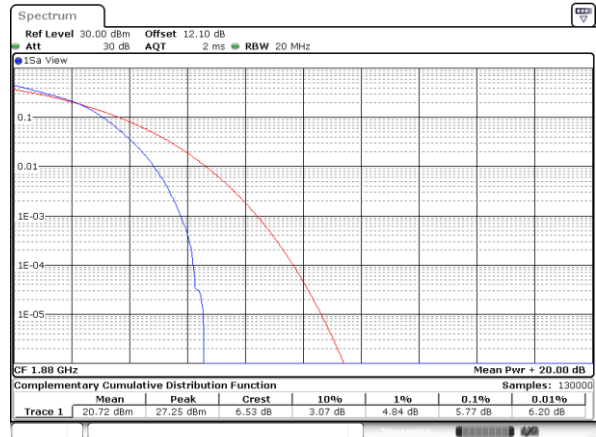
Middle Channel / Full RB



Date: 17 JUN 2025 11:49:55

LTE Band 25 / 20MHz / 16QAM

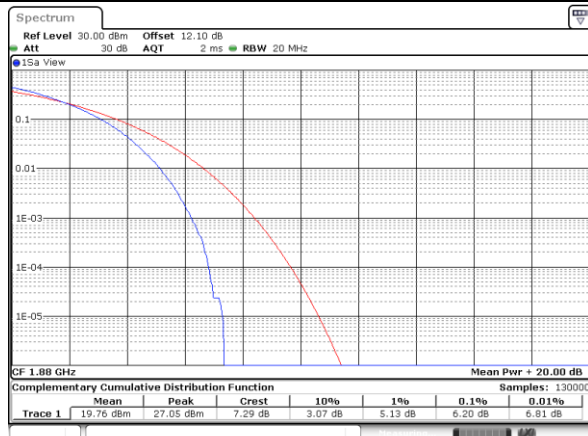
Middle Channel / Full RB



Date: 17 JUN 2025 11:50:20

LTE Band 25 / 20MHz / 64QAM

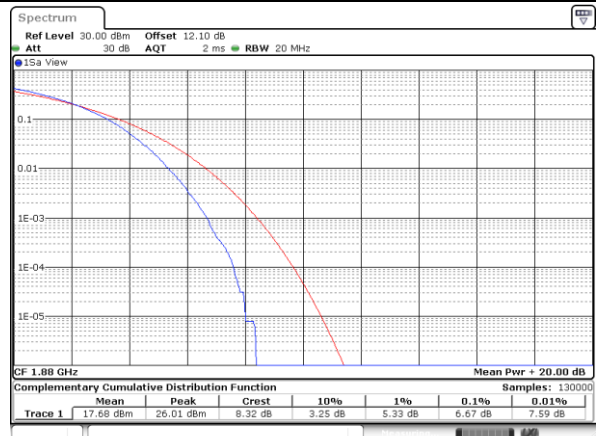
Middle Channel / Full RB



Date: 17 JUN 2025 11:50:44

LTE Band 25 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 17 JUN 2025 11:51:08

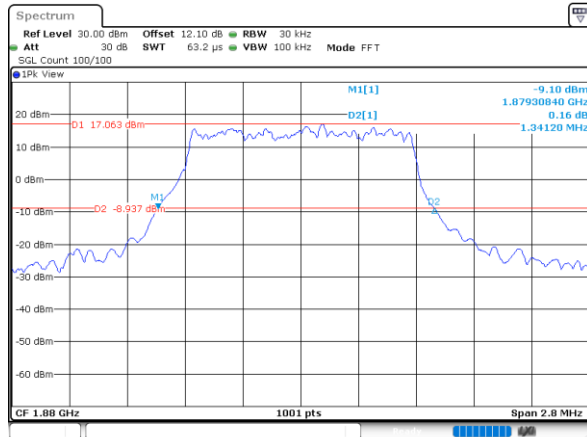
**26dB Bandwidth**

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.34	1.33	3.12	3.06	5.01	5.03	9.86	9.82	14.61	14.79	19.60	18.88
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.32	1.30	3.01	3.08	4.95	5.07	9.86	9.86	14.34	14.64	19.20	18.88

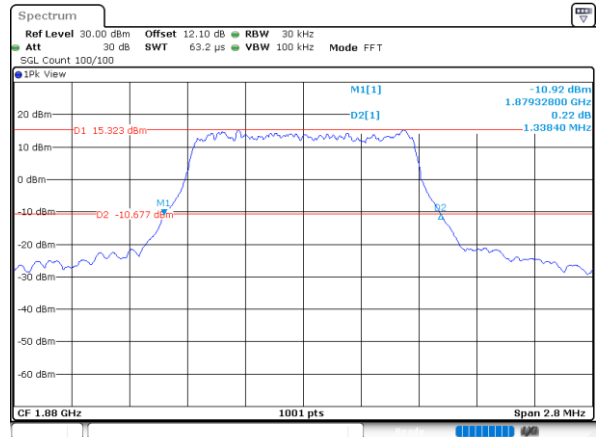


LTE Band 25

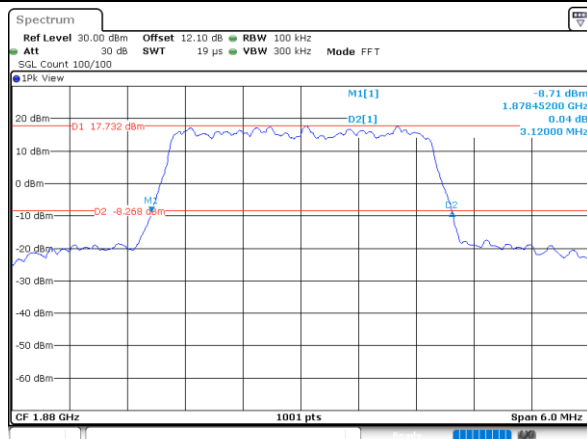
Middle Channel / 1.4MHz / QPSK



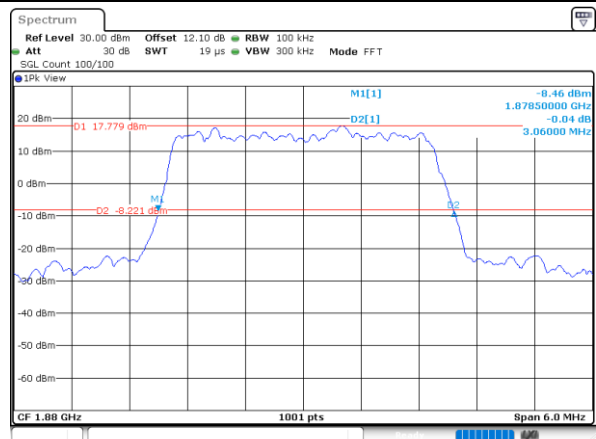
Middle Channel / 1.4MHz / 16QAM



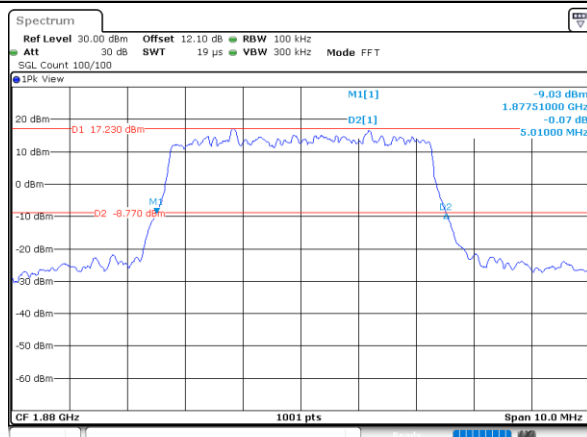
Middle Channel / 3MHz / QPSK



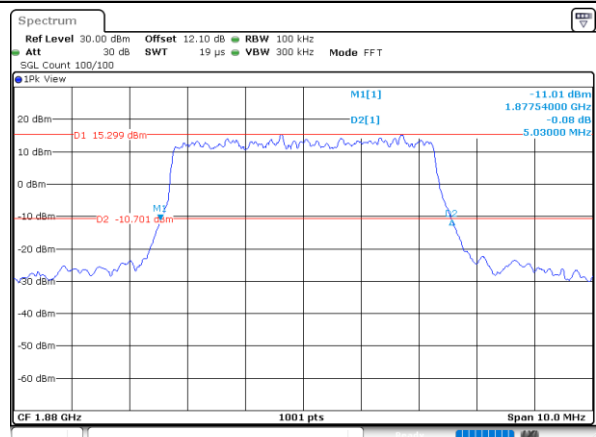
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



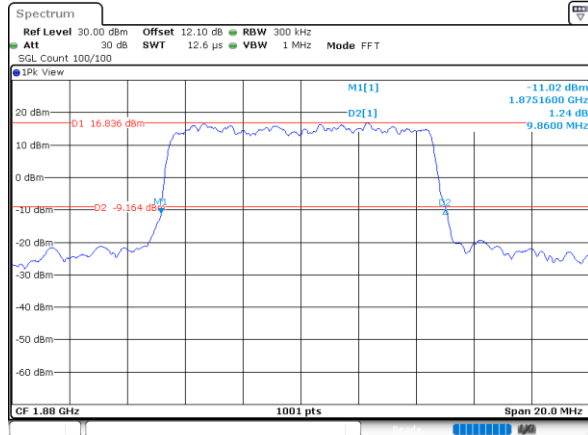
Middle Channel / 5MHz / 16QAM





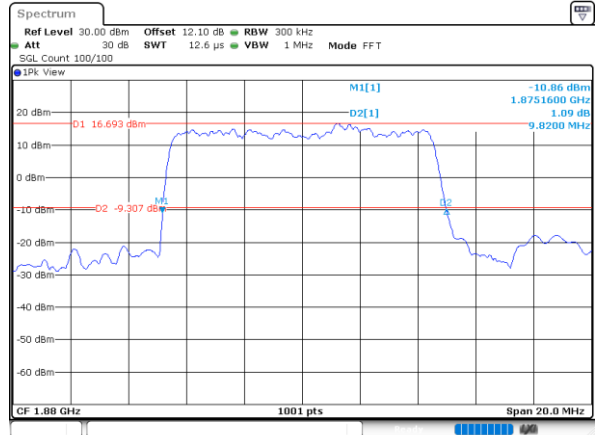
LTE Band 25

Middle Channel / 10MHz / QPSK



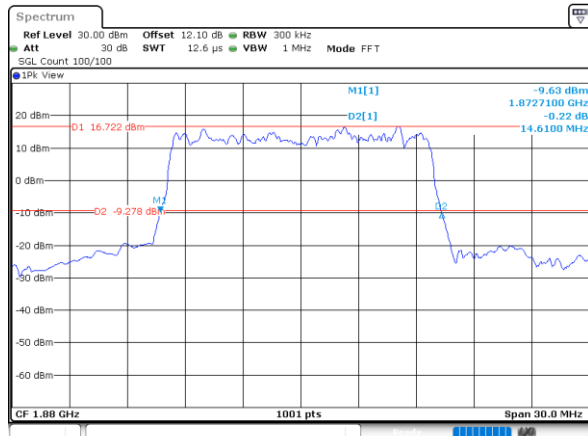
Date: 17, JUN, 2025 11:44:48

Middle Channel / 10MHz / 16QAM



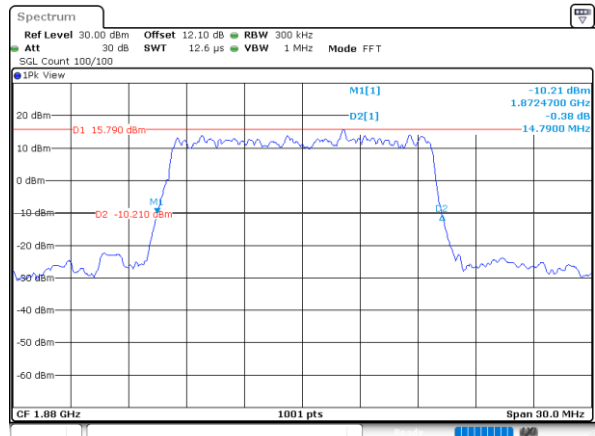
Date: 17, JUN, 2025 11:45:11

Middle Channel / 15MHz / QPSK



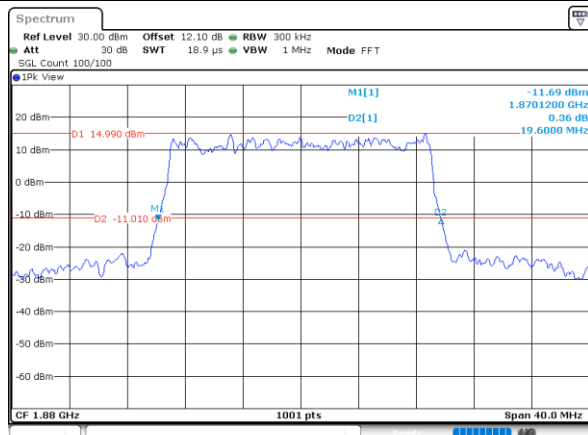
Date: 17, JUN, 2025 11:46:25

Middle Channel / 15MHz / 16QAM



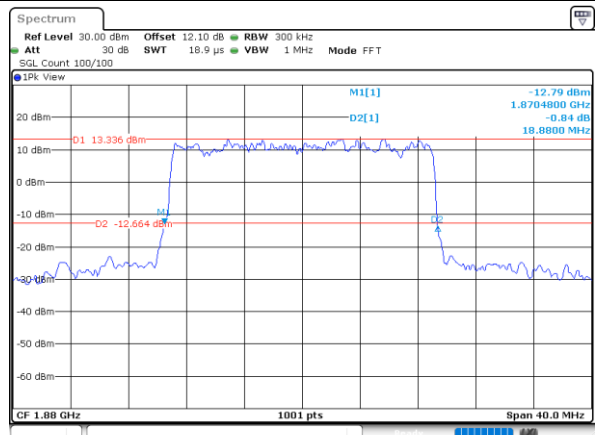
Date: 17, JUN, 2025 11:46:49

Middle Channel / 20MHz / QPSK



Date: 17, JUN, 2025 11:48:17

Middle Channel / 20MHz / 16QAM

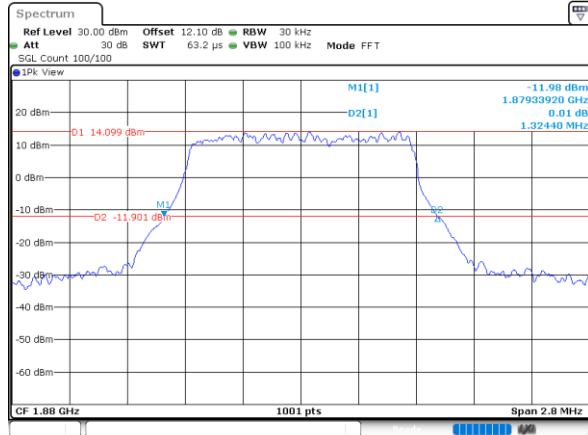


Date: 17, JUN, 2025 11:48:41

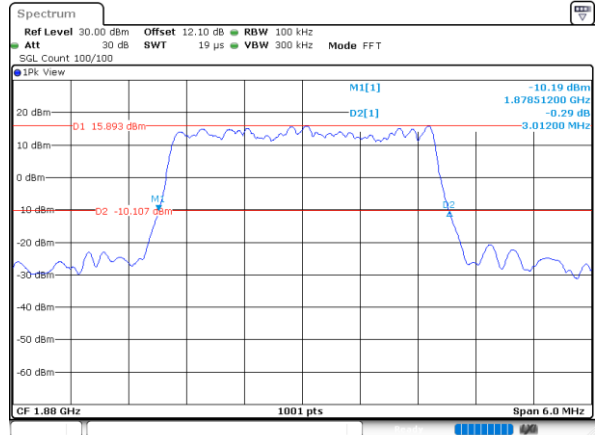


LTE Band 25

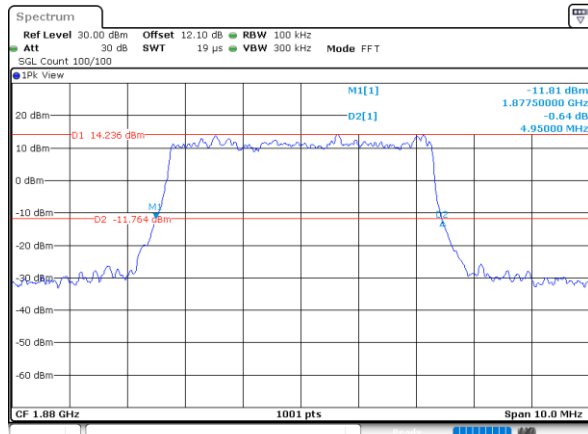
Middle Channel / 1.4MHz / 64QAM



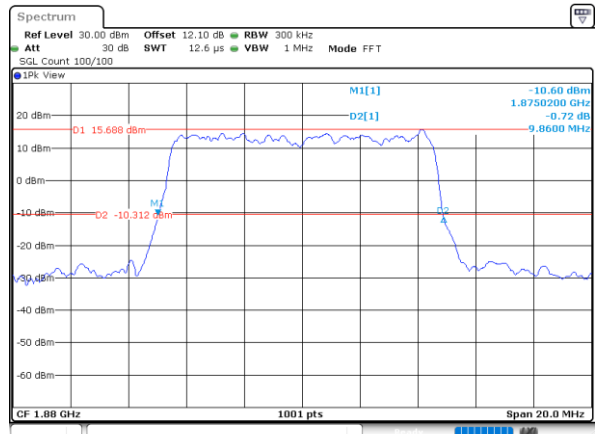
Middle Channel / 3MHz / 64QAM



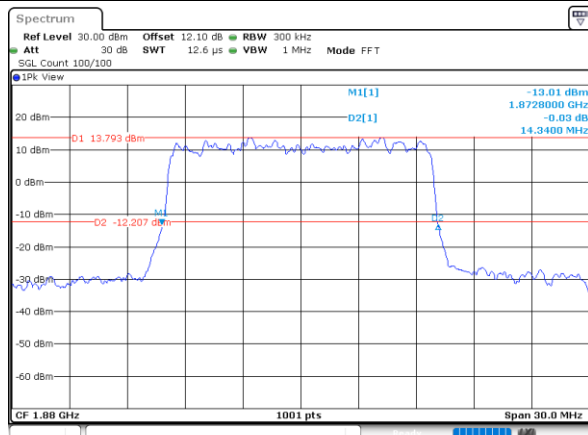
Middle Channel / 5MHz / 64QAM



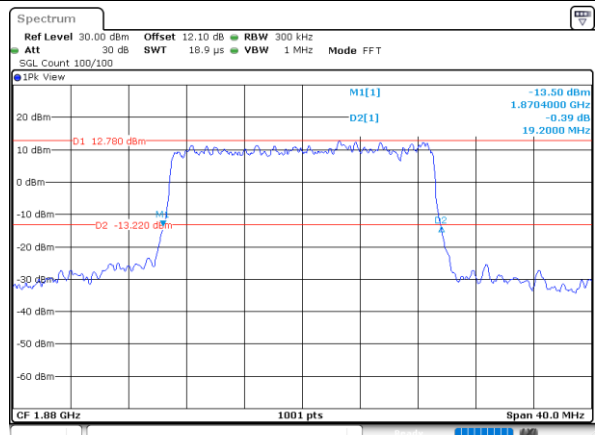
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



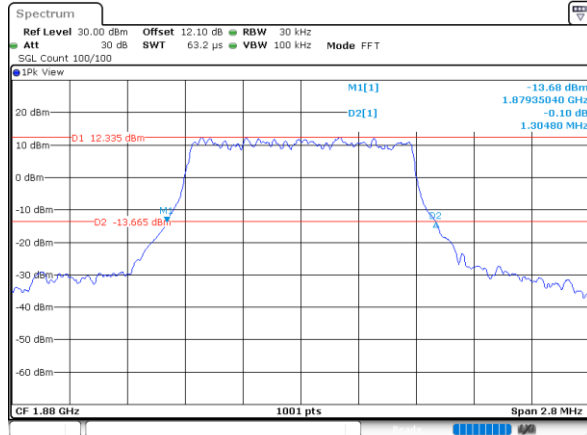
Middle Channel / 20MHz / 64QAM



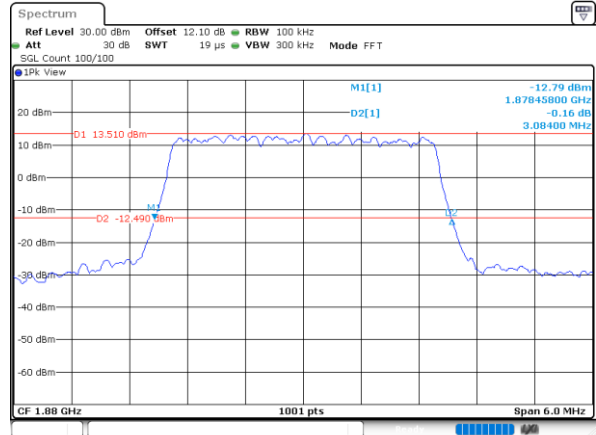


LTE Band 25

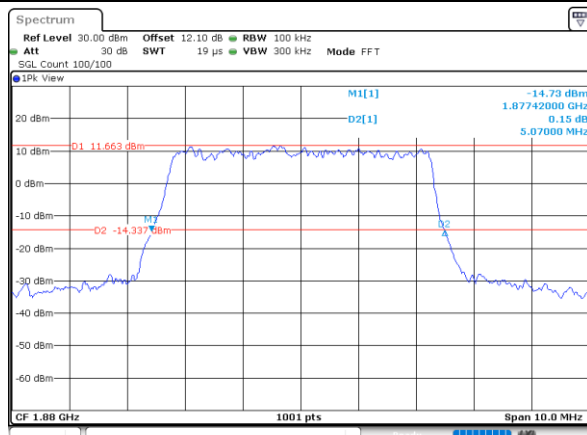
Middle Channel / 1.4MHz / 256QAM



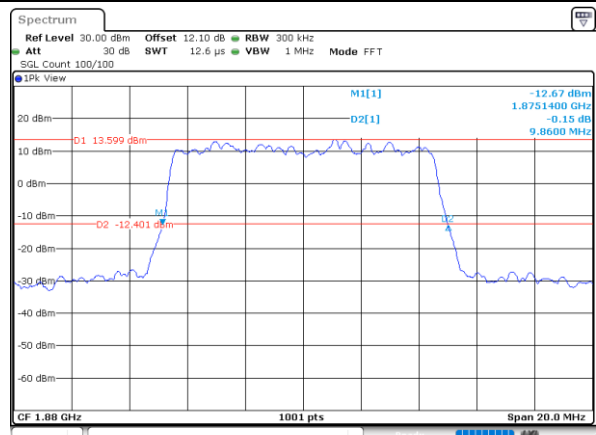
Middle Channel / 3MHz / 256QAM



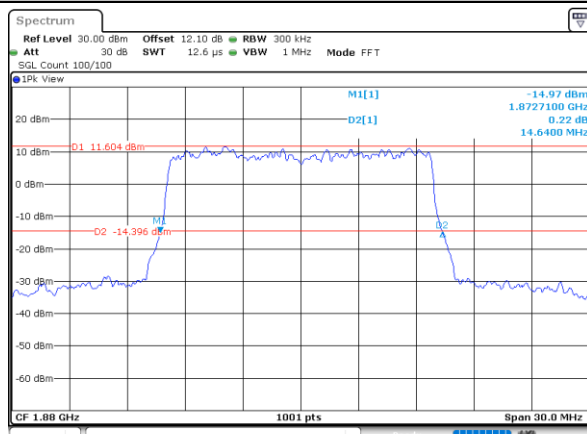
Middle Channel / 5MHz / 256QAM



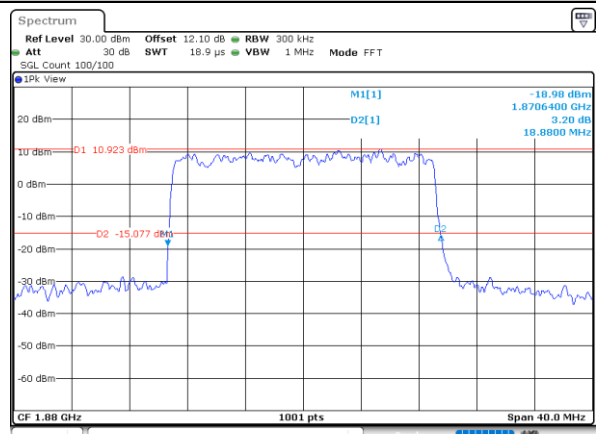
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



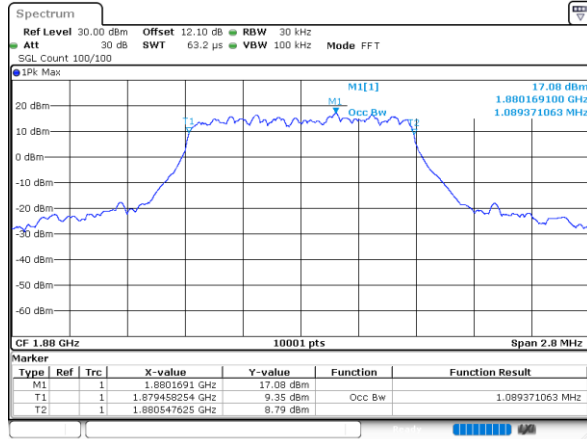
**Occupied Bandwidth**

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.09	2.71	2.72	4.48	4.49	9.04	9.03	13.51	13.47	17.87	17.89
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.08	1.10	2.73	2.74	4.49	4.49	9.07	9.04	13.41	13.49	17.88	17.96

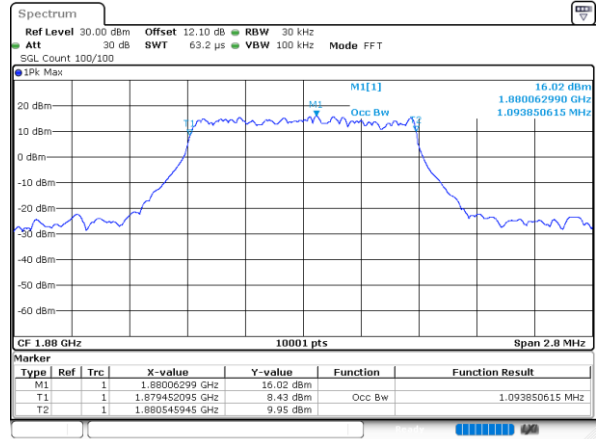


LTE Band 25

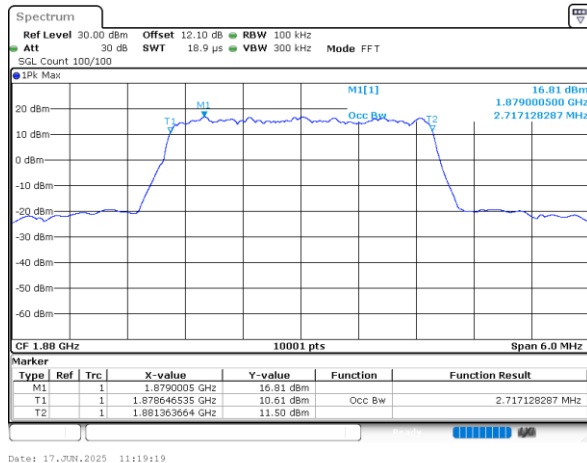
Middle Channel / 1.4MHz / QPSK



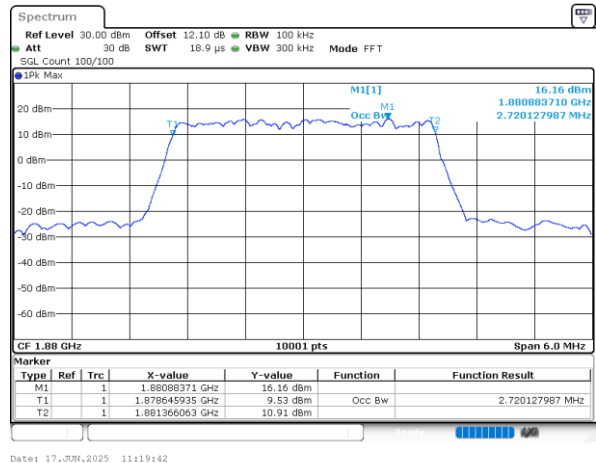
Middle Channel / 1.4MHz / 16QAM



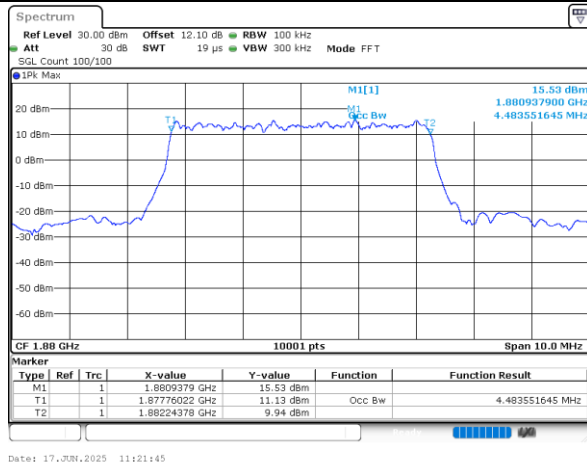
Middle Channel / 3MHz / QPSK



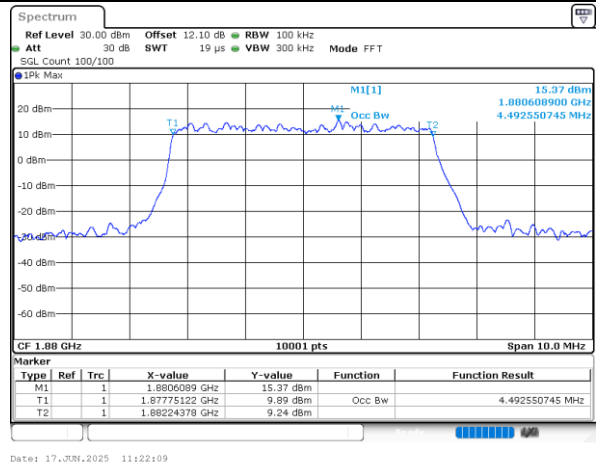
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



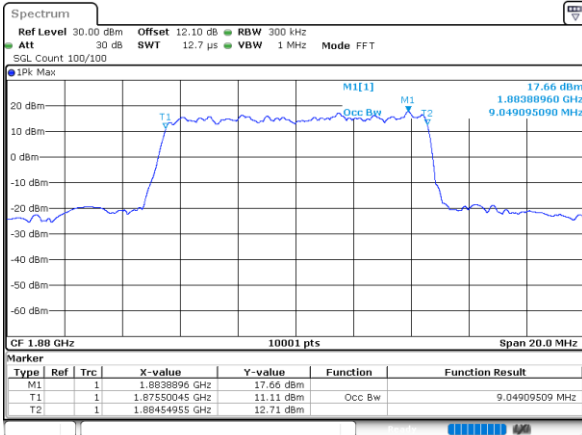
Middle Channel / 5MHz / 16QAM



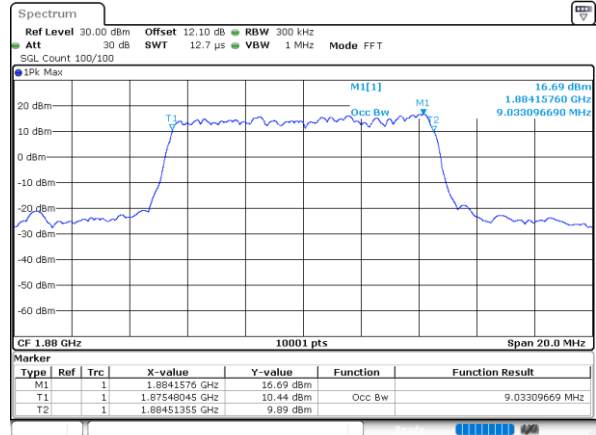


LTE Band 25

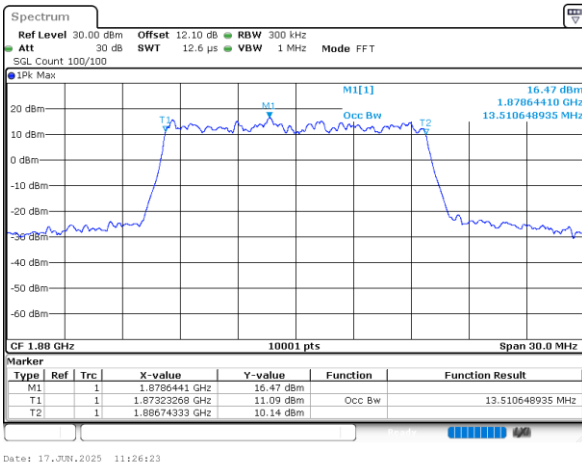
Middle Channel / 10MHz / QPSK



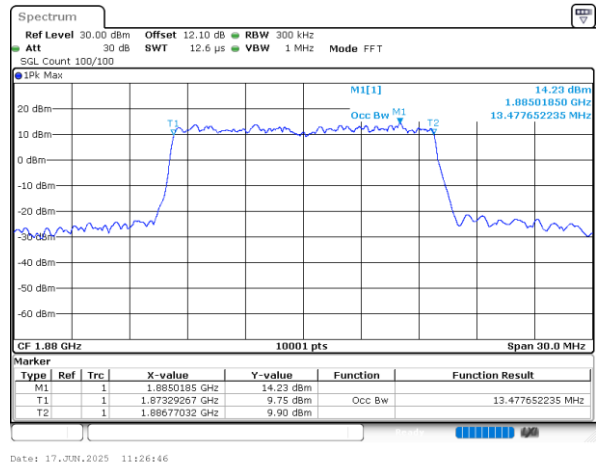
Middle Channel / 10MHz / 16QAM



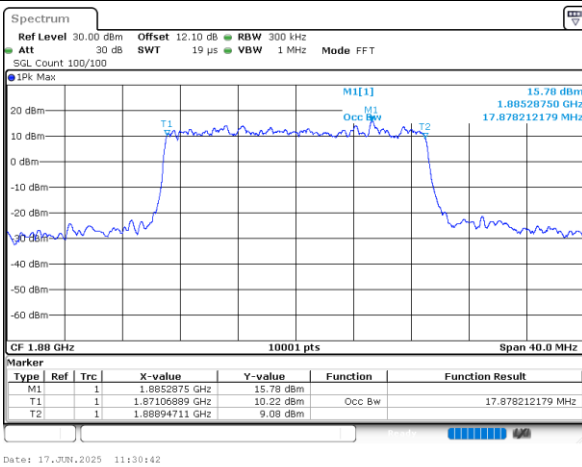
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

