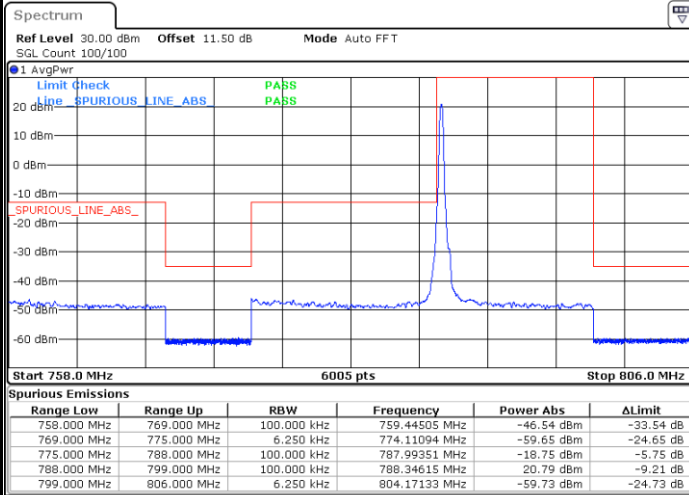




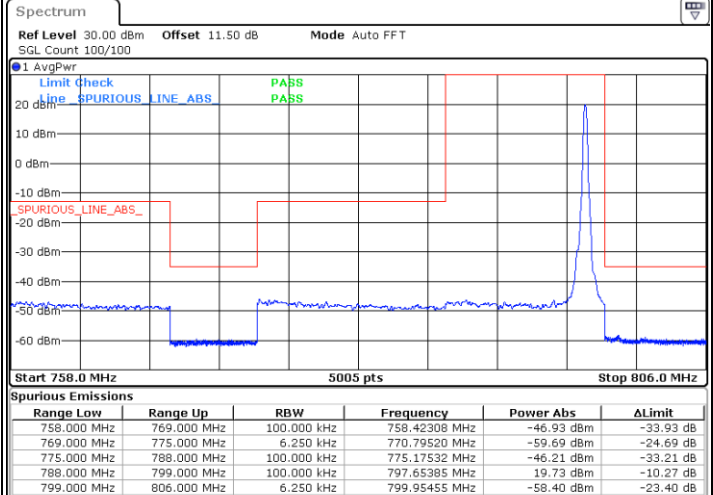
LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



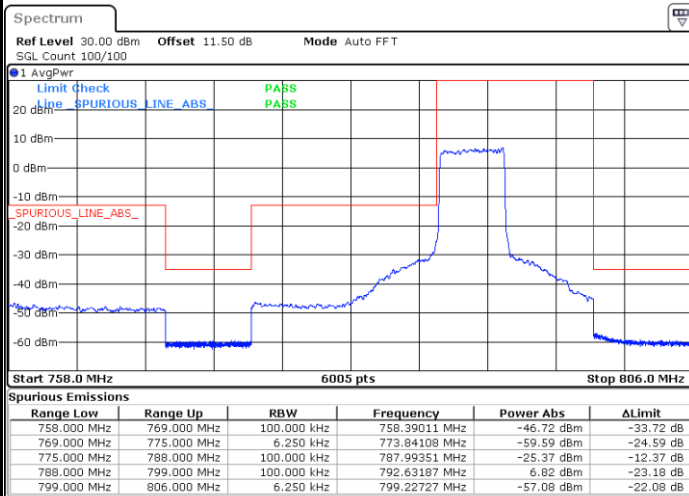
Date: 23.FEB.2024 14:49:33

Highest Band Edge / 1 RB



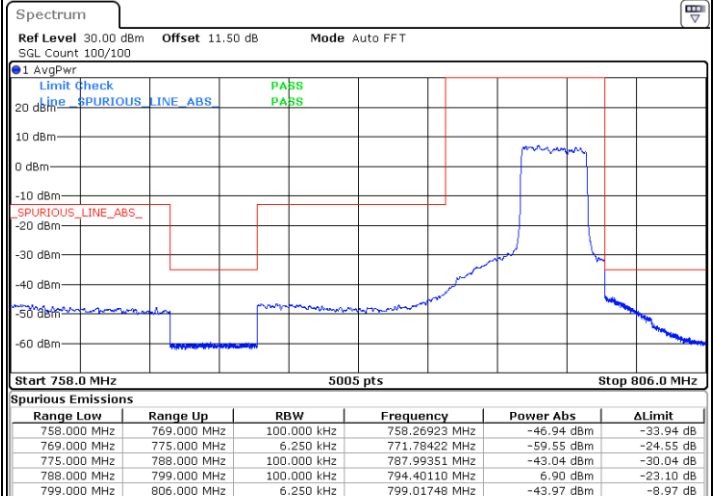
Date: 23.FEB.2024 15:57:23

Lowest Band Edge / Full RB



Date: 23.FEB.2024 14:50:30

Highest Band Edge / Full RB

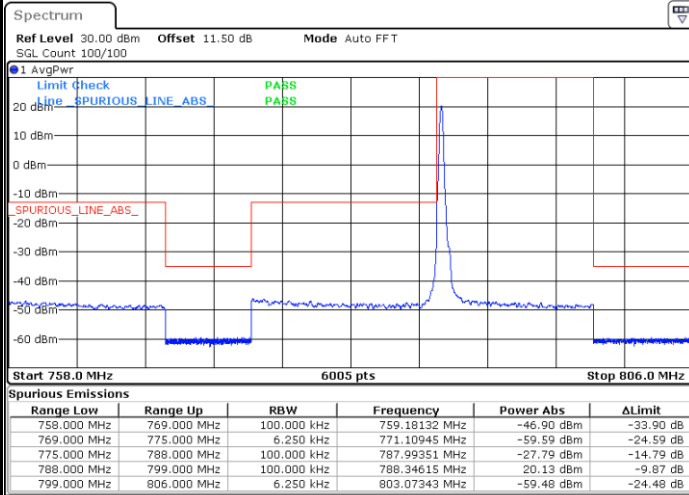


Date: 23.FEB.2024 15:56:25



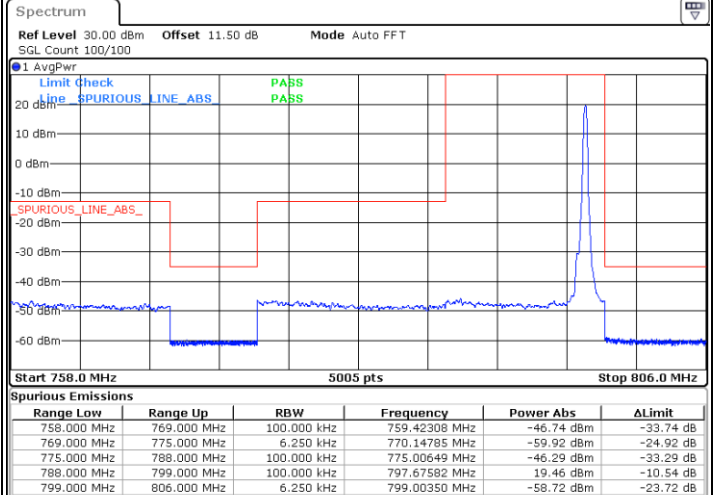
LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



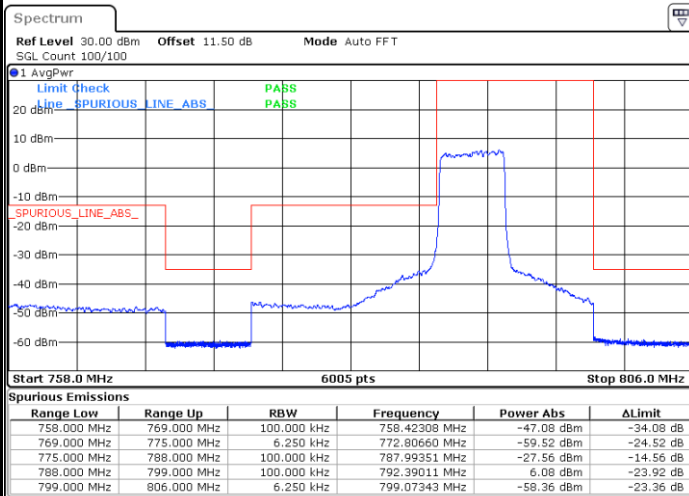
Date: 23.FEB.2024 14:52:25

Highest Band Edge / 1 RB



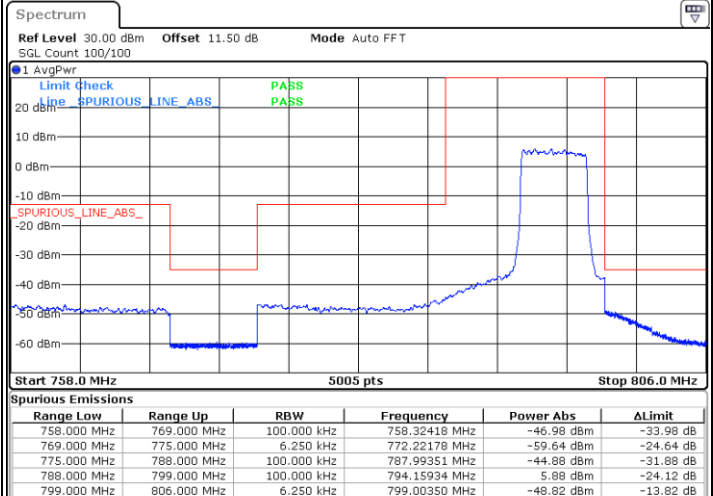
Date: 23.FEB.2024 15:58:20

Lowest Band Edge / Full RB



Date: 23.FEB.2024 14:51:28

Highest Band Edge / Full RB

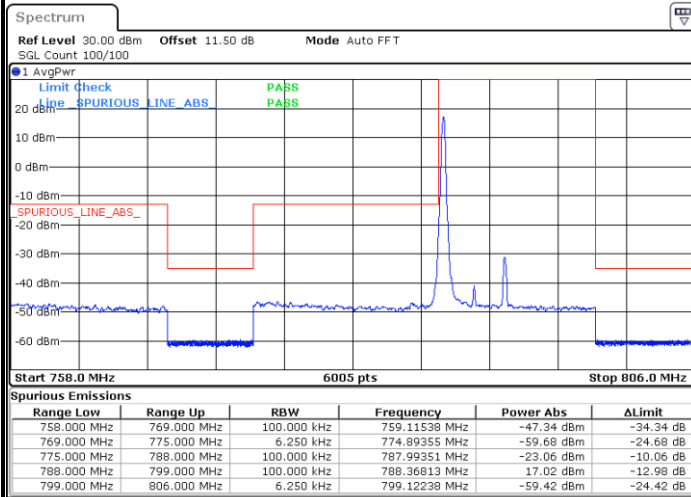


Date: 23.FEB.2024 15:59:18



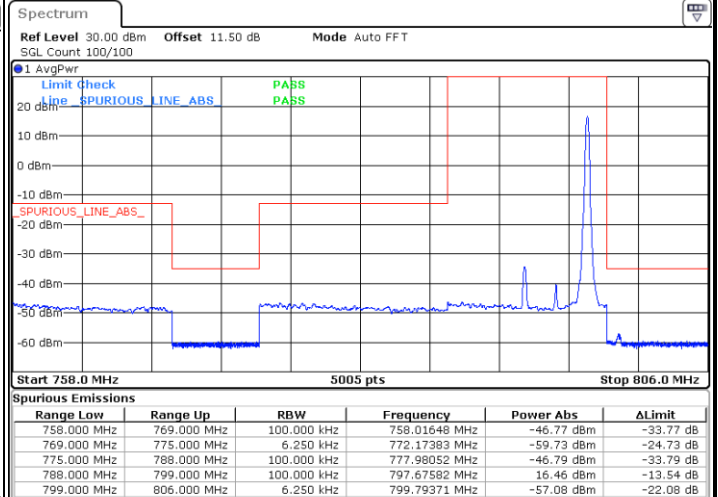
LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



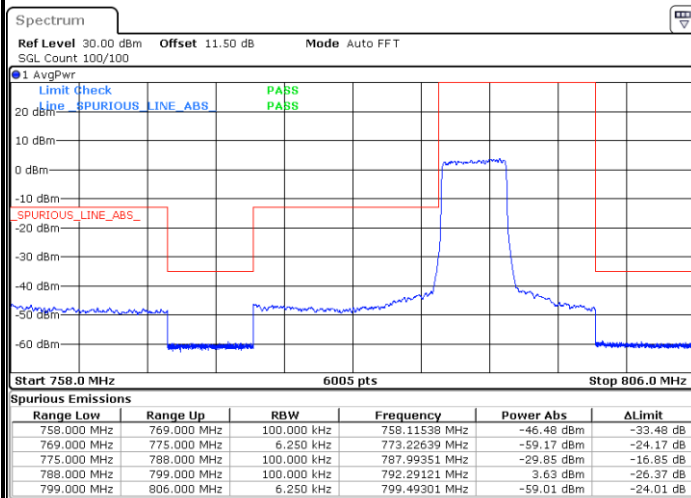
Date: 23.FEB.2024 14:53:23

Highest Band Edge / 1 RB



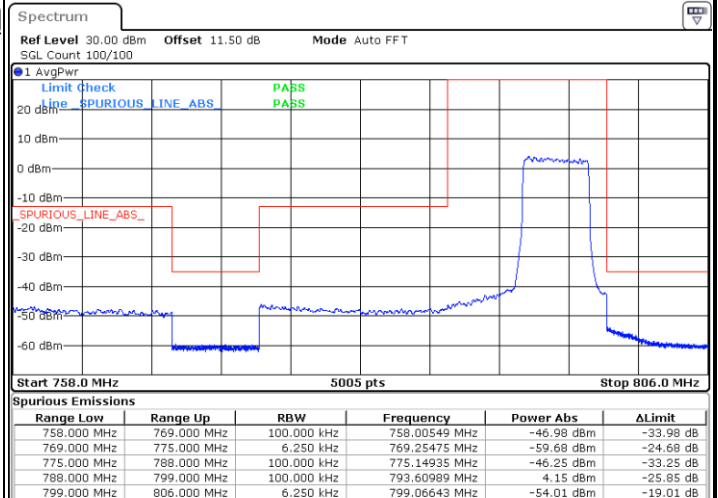
Date: 23.FEB.2024 16:01:15

Lowest Band Edge / Full RB



Date: 23.FEB.2024 14:54:23

Highest Band Edge / Full RB

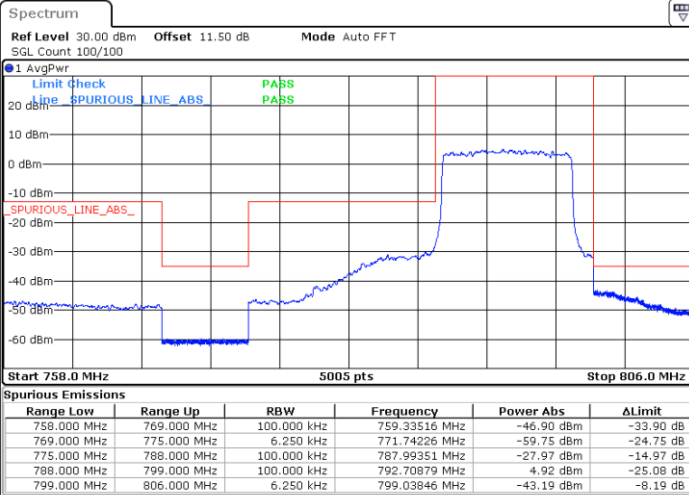


Date: 23.FEB.2024 16:00:15



LTE Band 14 / 10MHz / QPSK

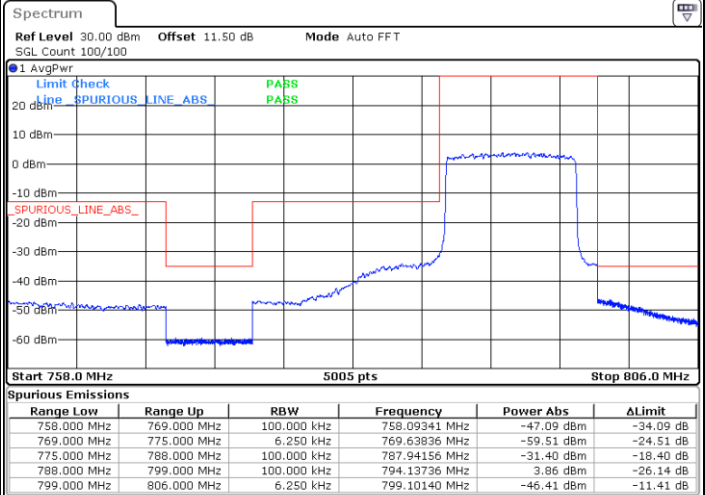
Band Edge / Full RB



Date: 23.FEB.2024 16:15:14

LTE Band 14 / 10MHz / 16QAM

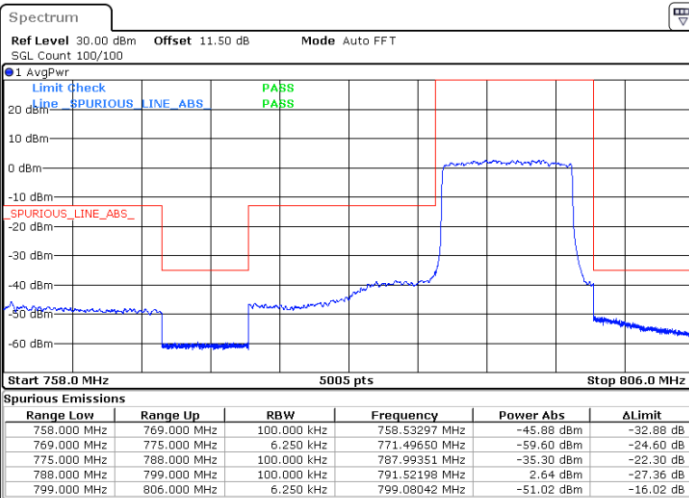
Band Edge / Full RB



Date: 23.FEB.2024 16:19:29

LTE Band 14 / 10MHz / 64QAM

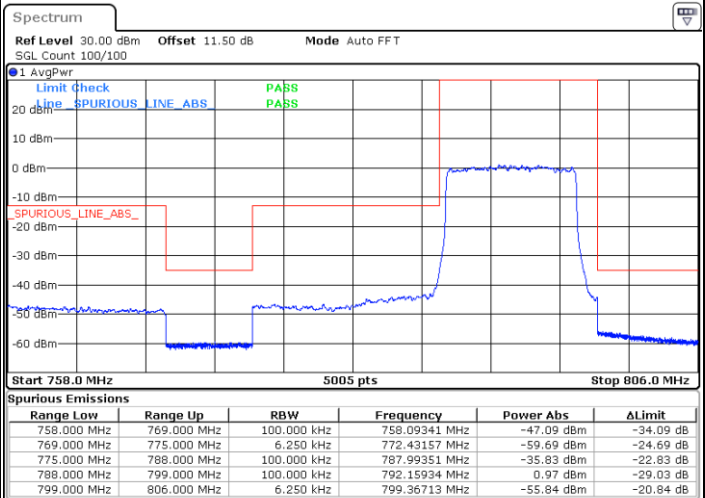
Band Edge / Full RB



Date: 23.FEB.2024 16:22:26

LTE Band 14 / 10MHz / 256QAM

Band Edge / Full RB



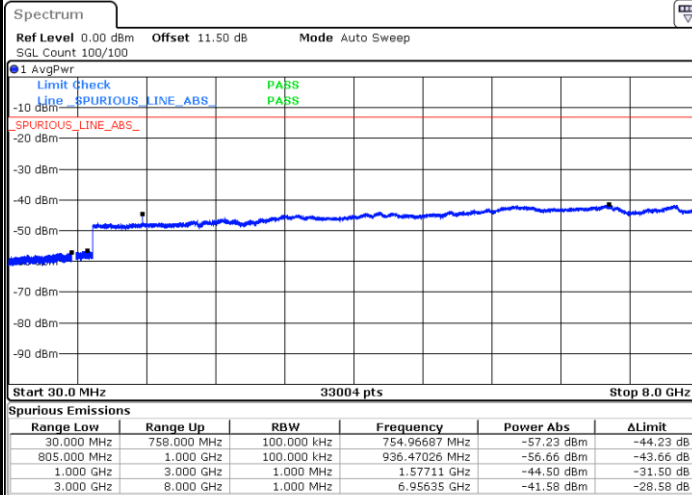
Date: 23.FEB.2024 16:25:39



Conducted Spurious Emission

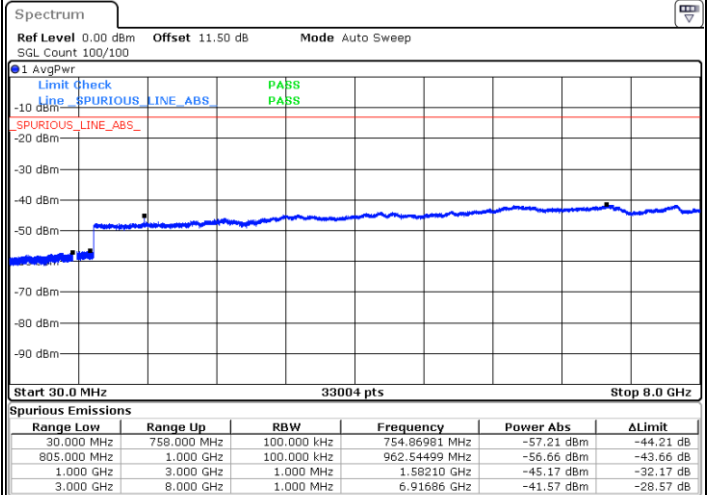
LTE Band 14 / 5MHz

Lowest Channel / QPSK



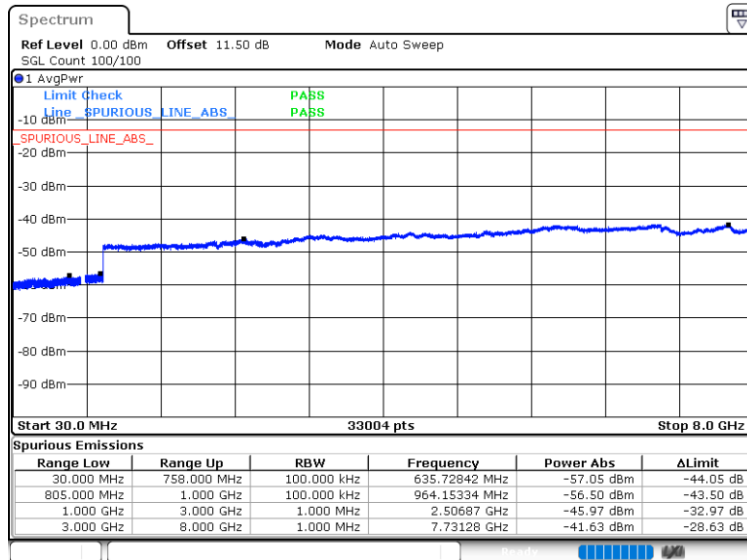
Date: 23.FEB.2024 14:48:36

Middle Channel / QPSK



Date: 23.FEB.2024 15:40:06

Highest Channel / QPSK

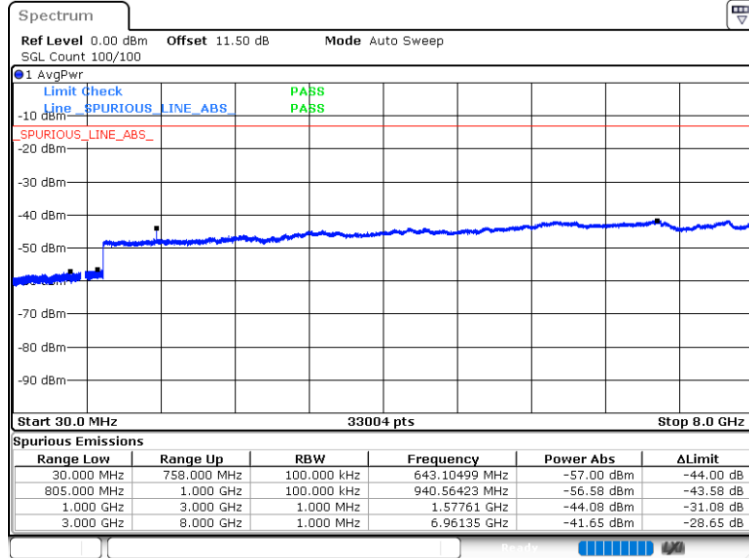


Date: 23.FEB.2024 15:53:31



LTE Band 14 / 10MHz

Middle Channel / QPSK



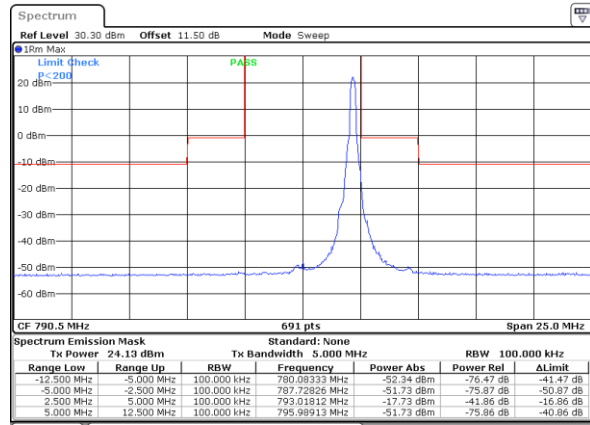
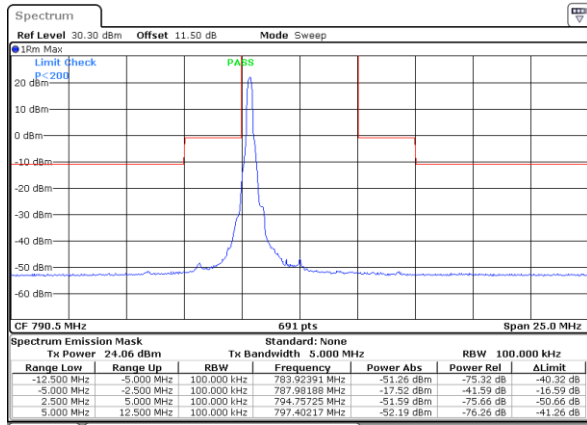
Date: 23.FEB.2024 16:27:50



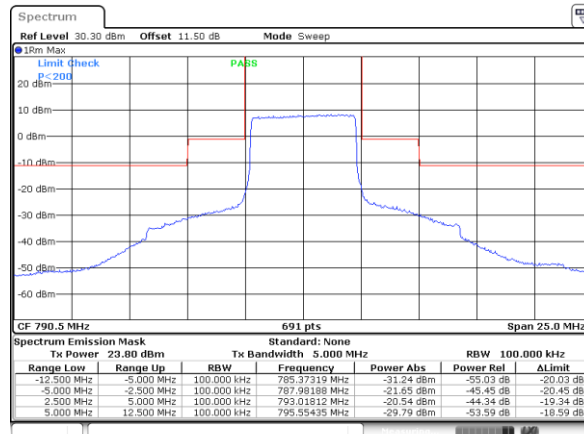
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB



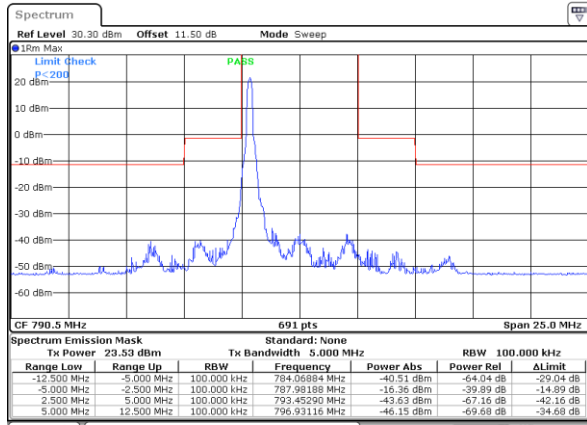
Lowest Channel / Full RB



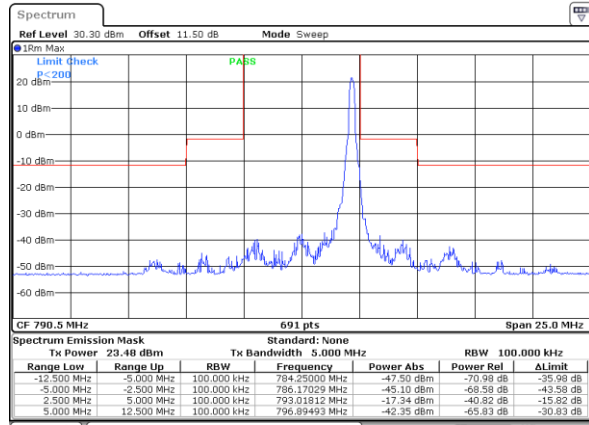


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

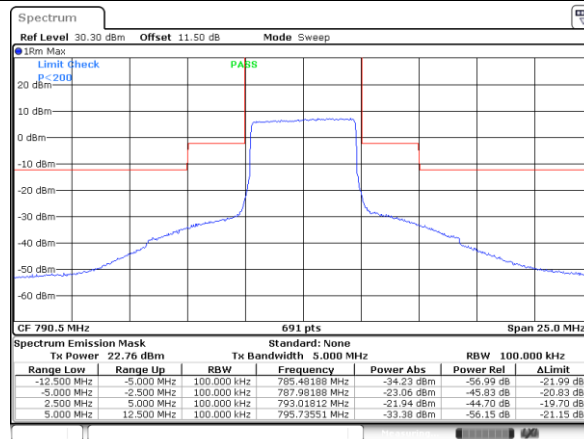


Date: 23.FEB.2024 15:00:35



Date: 23.FEB.2024 14:59:34

Lowest Channel / Full RB

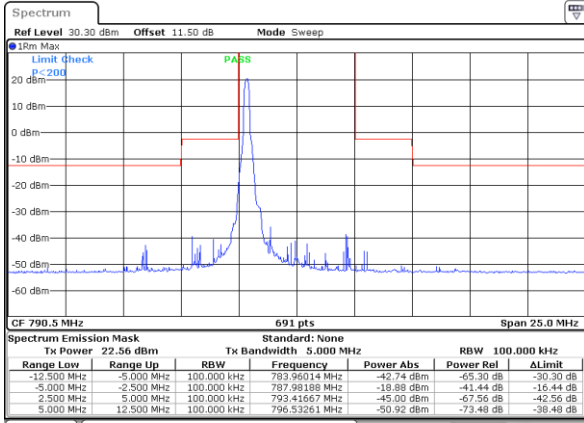


Date: 23.FEB.2024 14:58:32

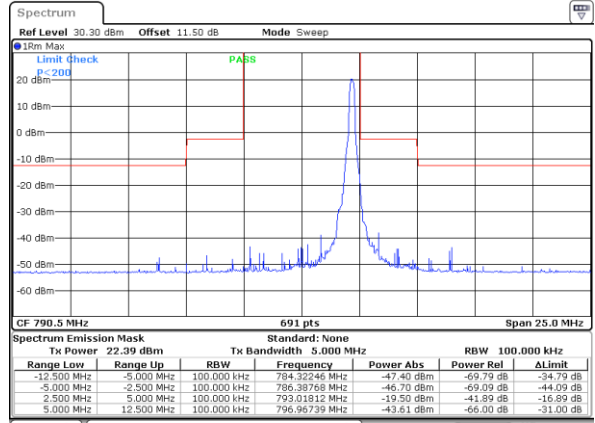


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

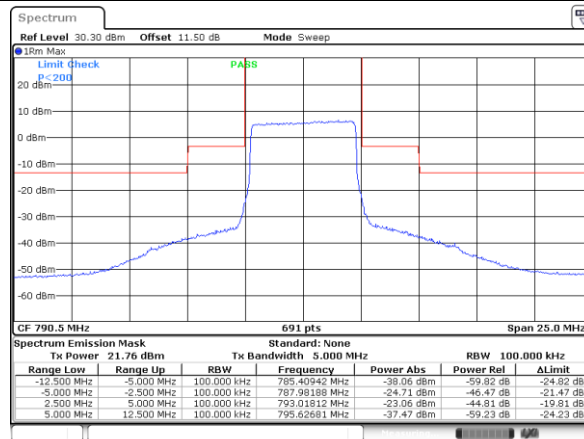


Date: 23.FEB.2024 15:01:36



Date: 23.FEB.2024 15:02:38

Lowest Channel / Full RB

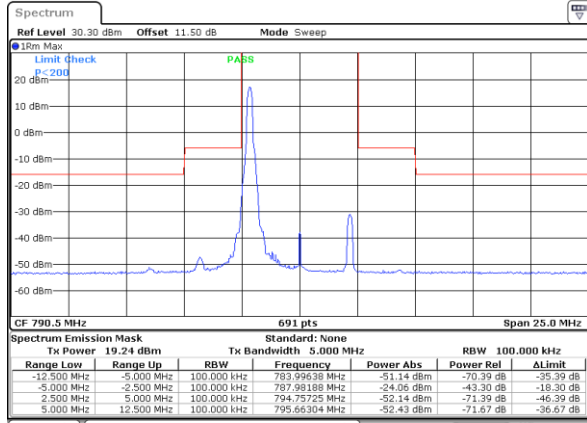


Date: 23.FEB.2024 15:02:40

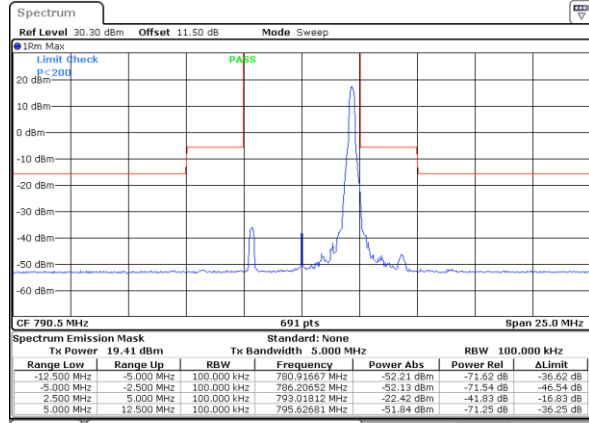


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

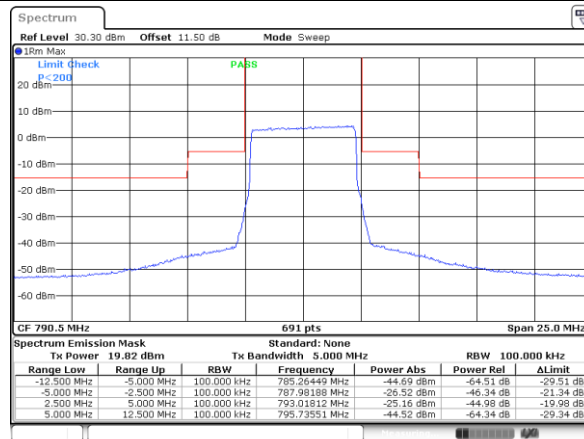


Date: 1.MAR.2024 17:54:31



Date: 23.FEB.2024 15:05:45

Lowest Channel / Full RB

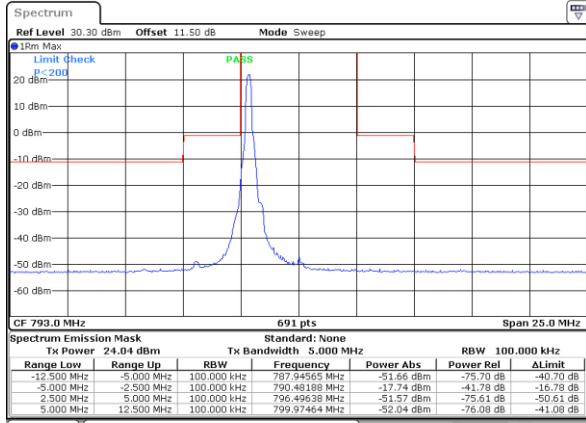


Date: 23.FEB.2024 15:04:41

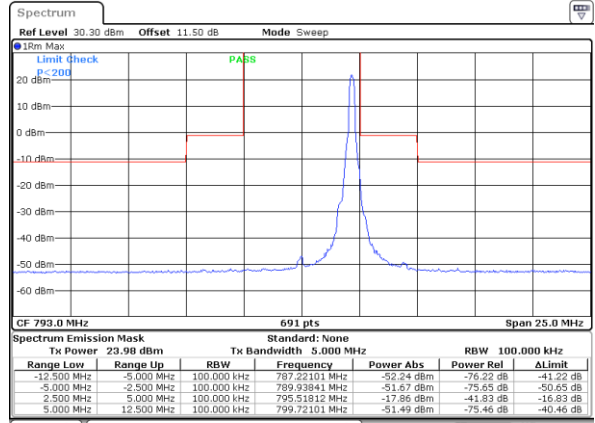


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

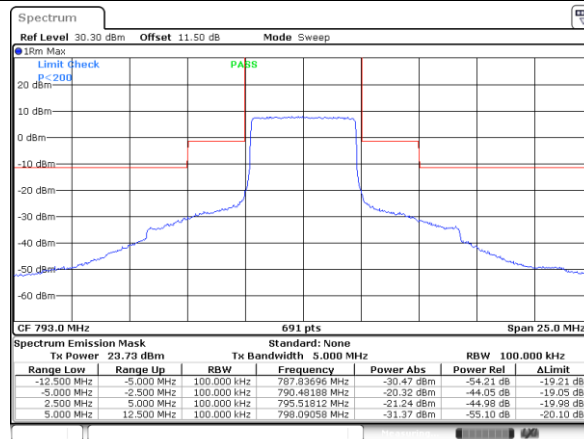


Date: 23.FEB.2024 15:41:07



Date: 23.FEB.2024 15:42:08

Middle Channel / Full RB

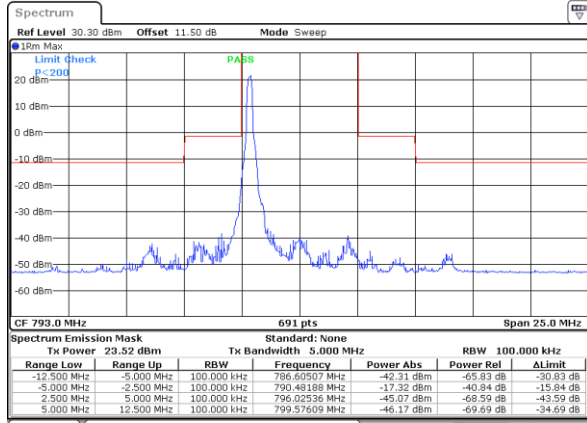


Date: 23.FEB.2024 15:42:09

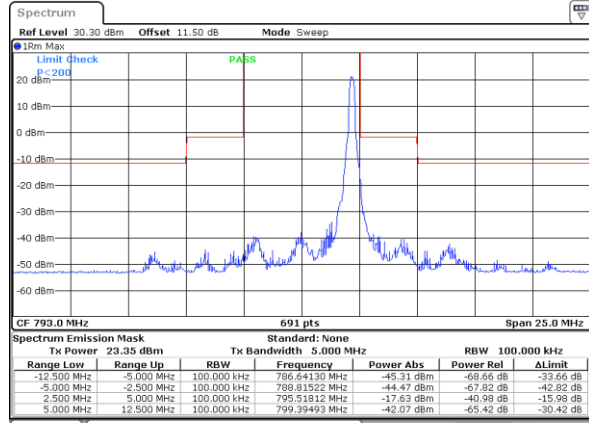


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

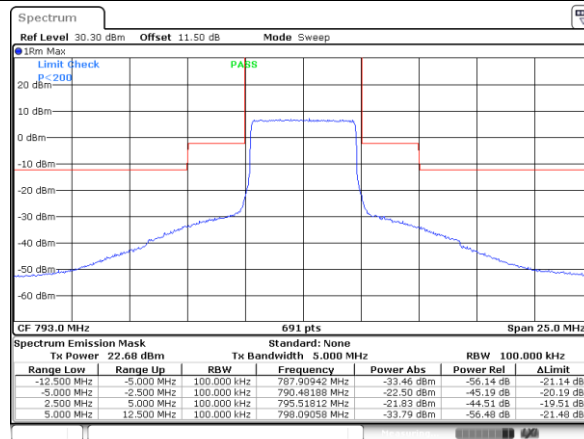


Date: 23.FEB.2024 15:46:12



Date: 23.FEB.2024 15:45:12

Middle Channel / Full RB

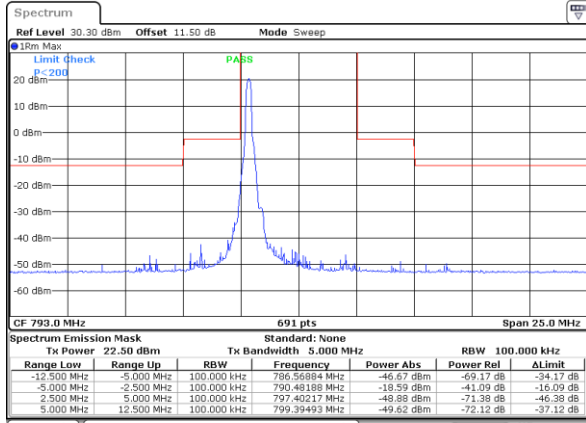


Date: 23.FEB.2024 15:44:10

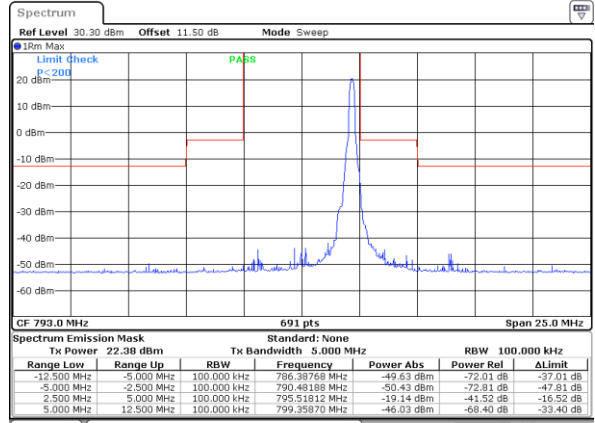


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

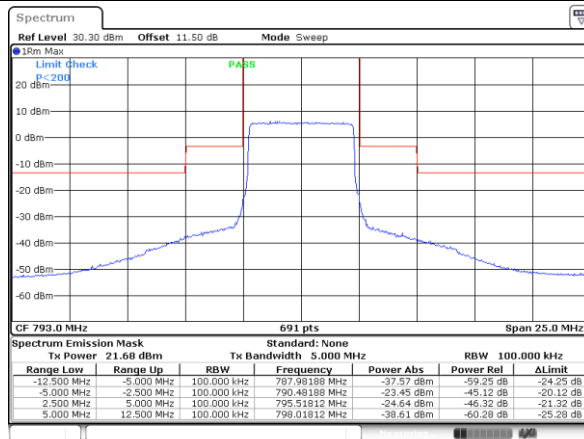


Date: 23.FEB.2024 15:47:13



Date: 23.FEB.2024 15:48:14

Middle Channel / Full RB

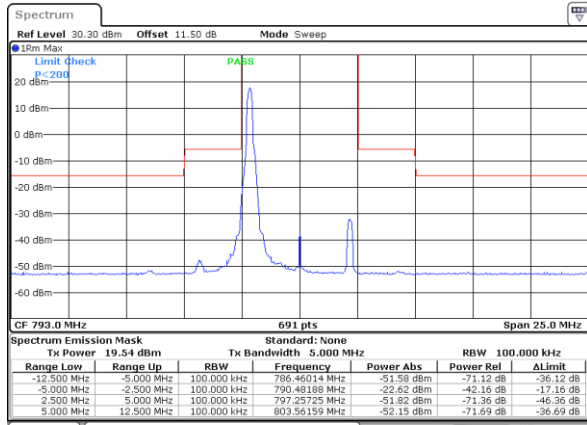


Date: 23.FEB.2024 15:49:16

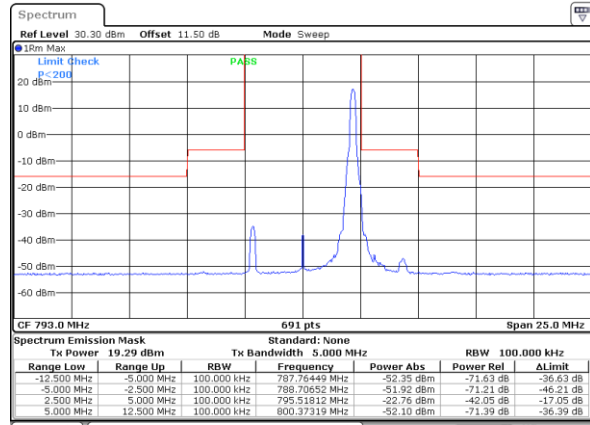


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

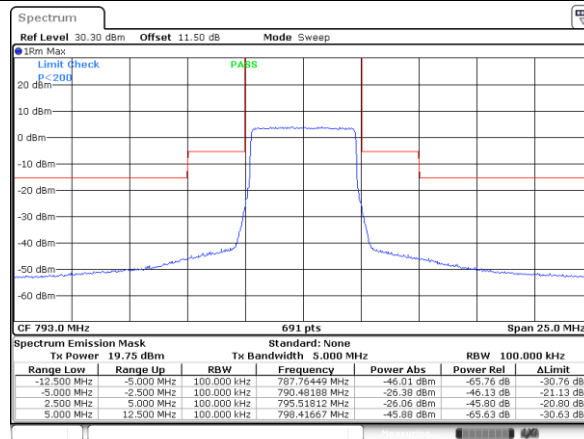


Date: 23.FEB.2024 15:52:19



Date: 23.FEB.2024 15:51:18

Middle Channel / Full RB

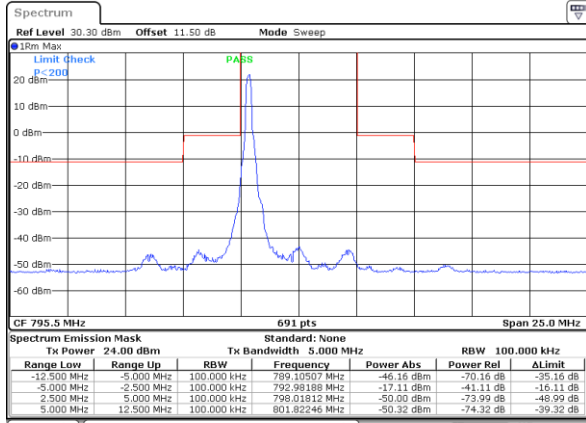


Date: 23.FEB.2024 15:50:17

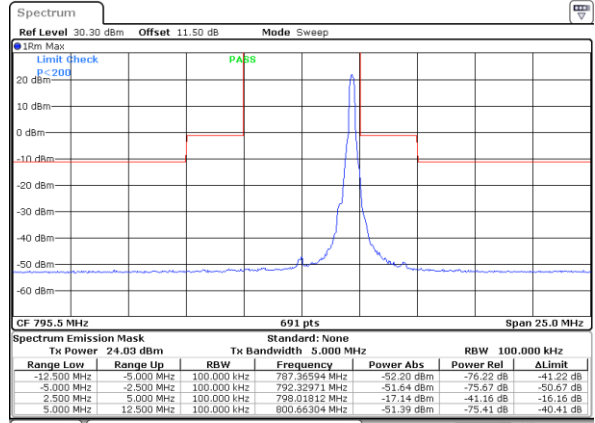


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

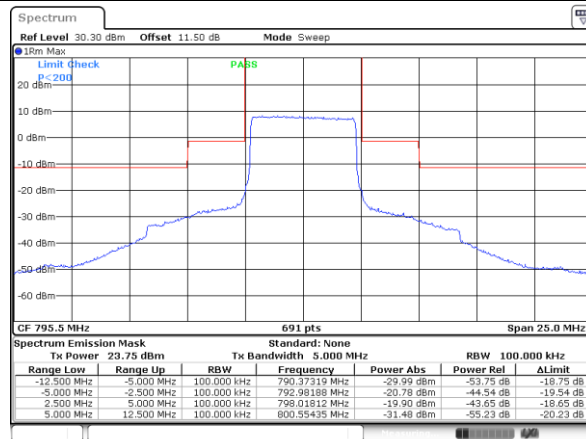


Date: 23.FEB.2024 16:02:54



Date: 23.FEB.2024 16:03:56

Highest Channel / Full RB

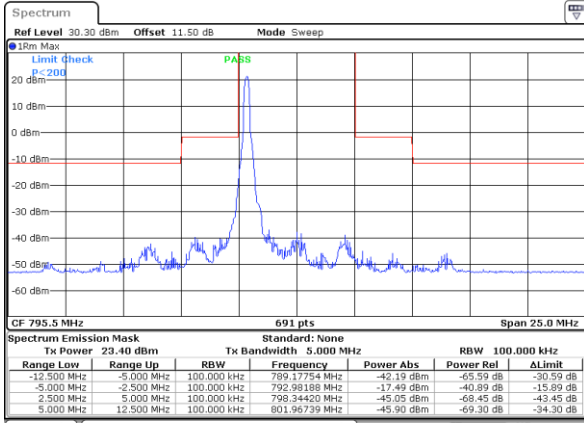


Date: 23.FEB.2024 16:04:57

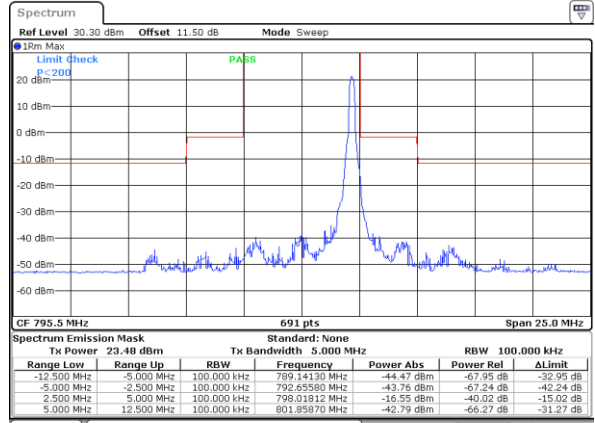


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

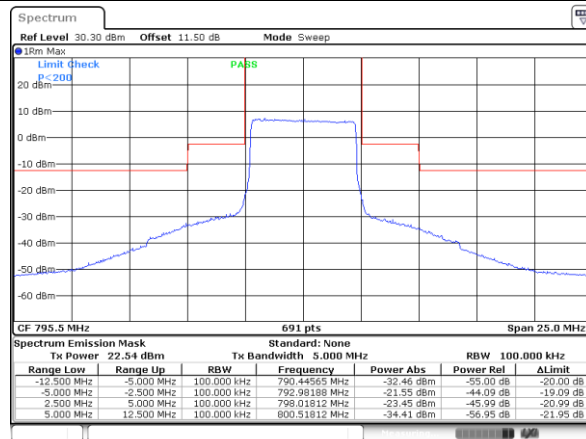


Date: 23.FEB.2024 16:08:01



Date: 23.FEB.2024 16:07:00

Highest Channel / Full RB

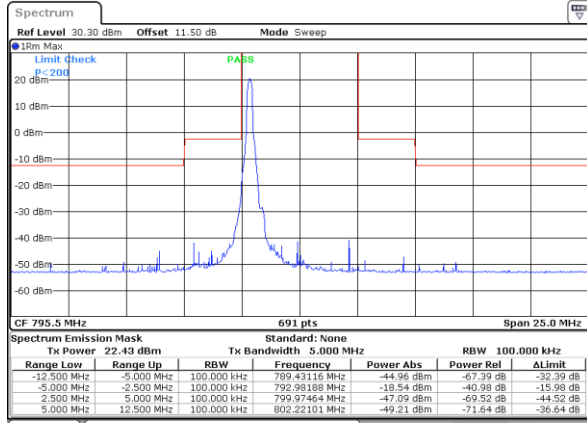


Date: 1.MAR.2024 17:59:15

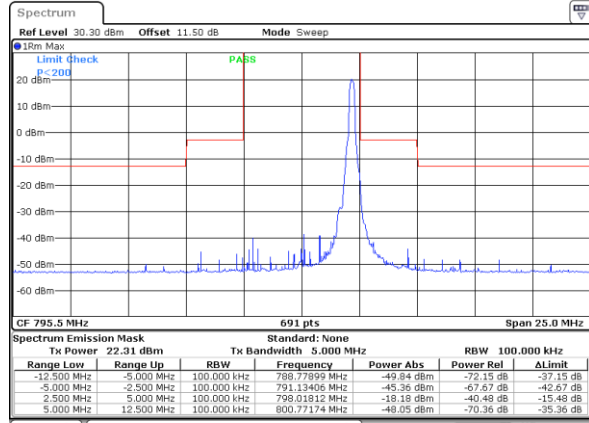


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

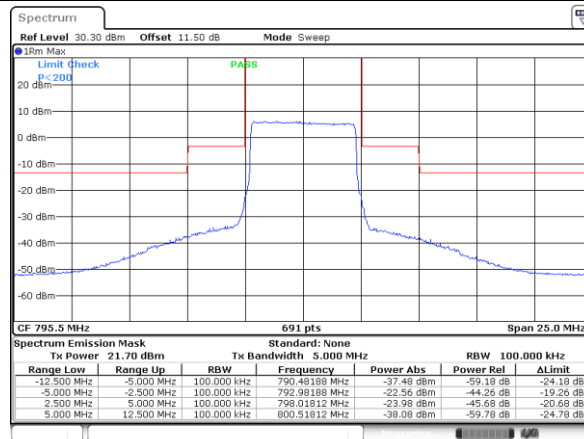


Date: 23.FEB.2024 16:09:02



Date: 23.FEB.2024 16:10:04

Highest Channel / Full RB

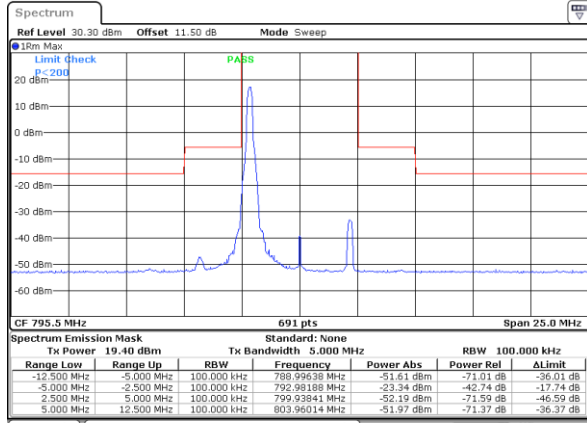


Date: 23.FEB.2024 16:11:05

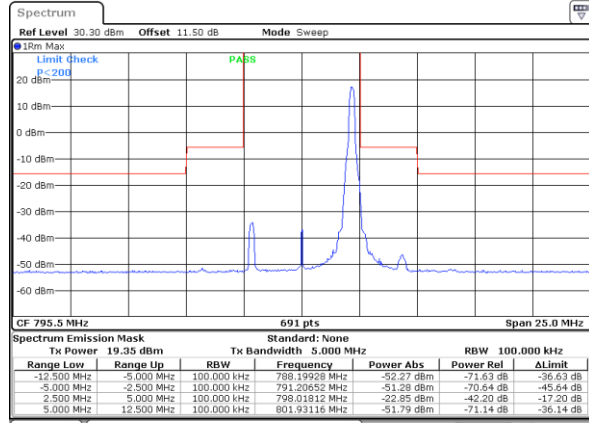


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

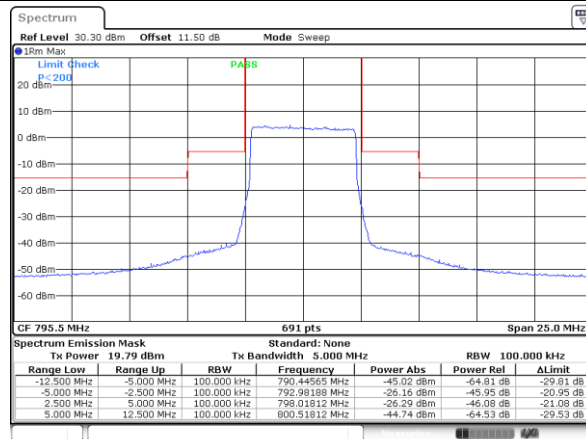


Date: 23.FEB.2024 16:14:14



Date: 23.FEB.2024 16:13:10

Highest Channel / Full RB

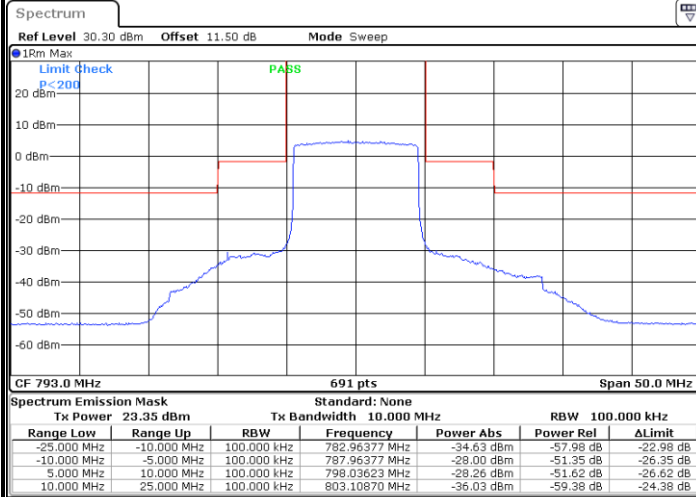


Date: 23.FEB.2024 16:12:06



LTE Band 14 / 10MHz / QPSK

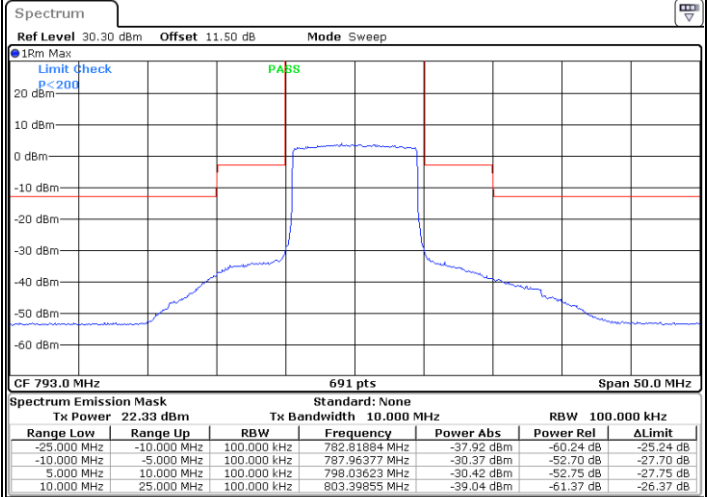
Middle Channel / Full RB



Date: 23.FEB.2024 16:16:15

LTE Band 14 / 10MHz / 16QAM

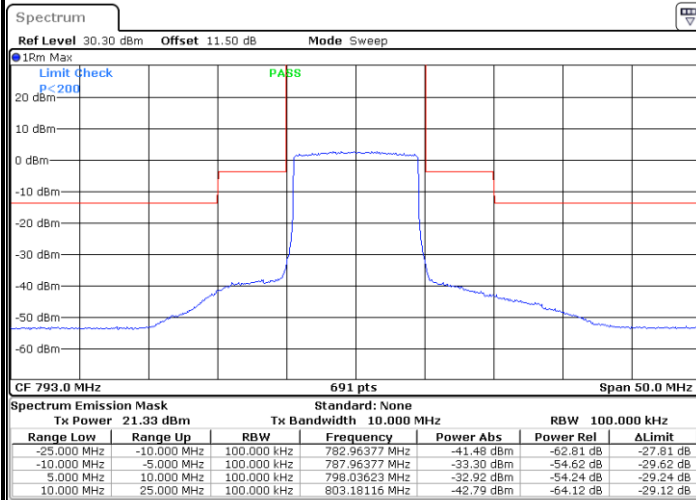
Middle Channel / Full RB



Date: 23.FEB.2024 16:20:29

LTE Band 14 / 10MHz / 64QAM

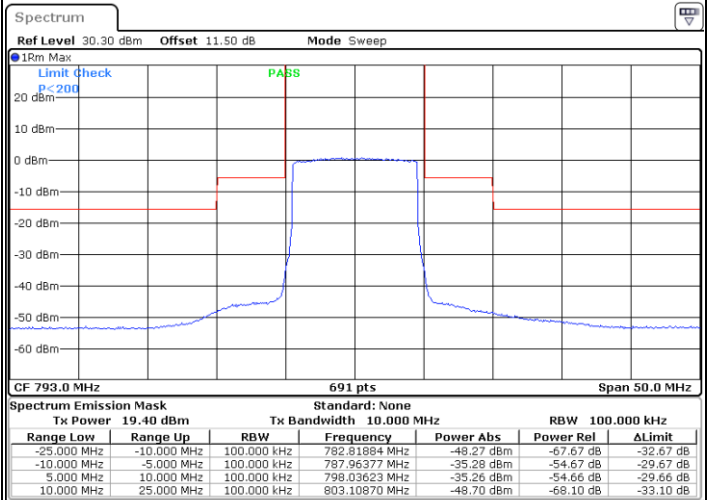
Middle Channel / Full RB



Date: 23.FEB.2024 16:21:30

LTE Band 14 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 23.FEB.2024 16:26:40

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	0.0185	PASS
40	Normal Voltage	0.0146	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0209	
0	Normal Voltage	0.0180	
-10	Normal Voltage	0.0187	
-20	Normal Voltage	0.0079	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Note:

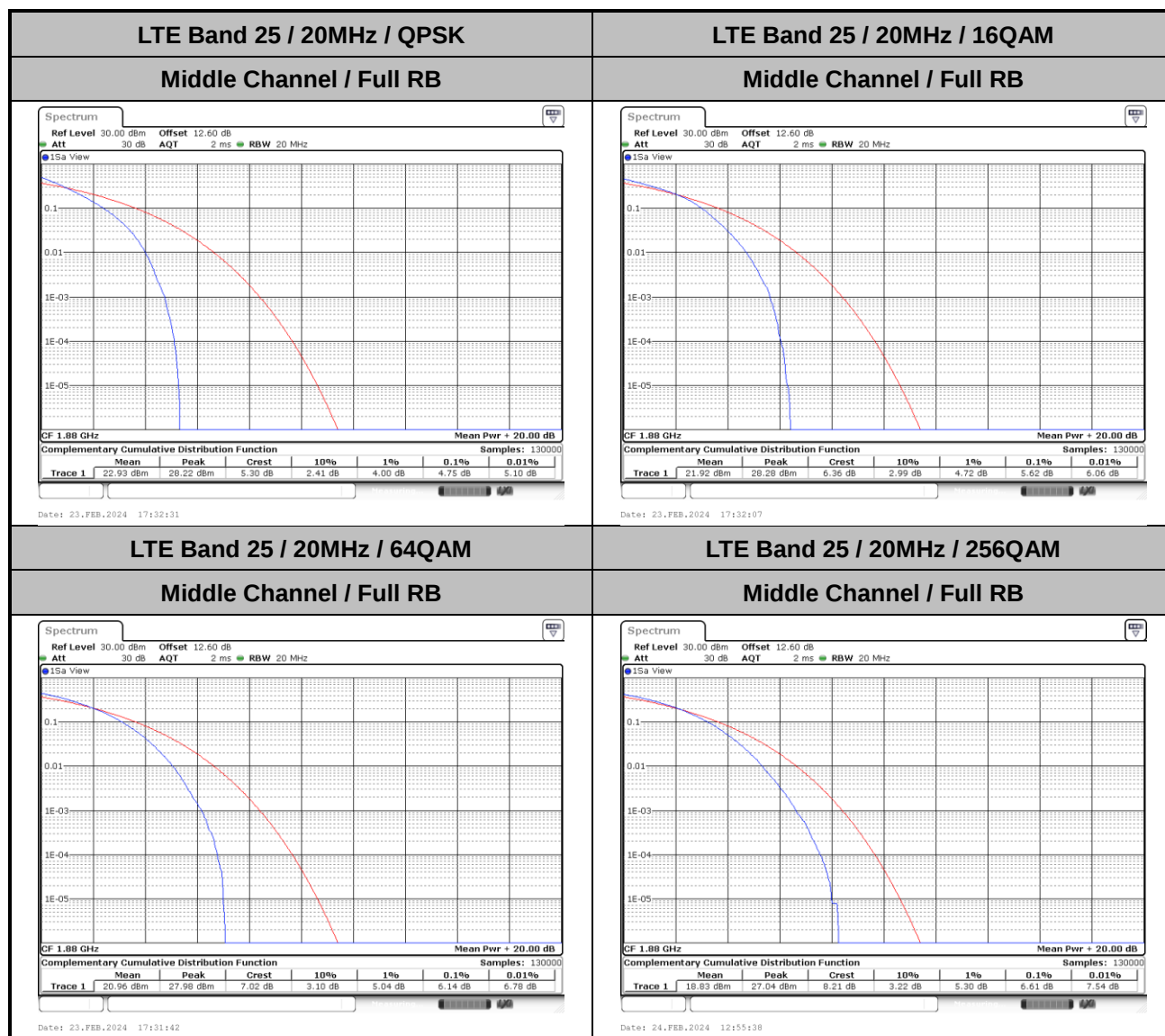
1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

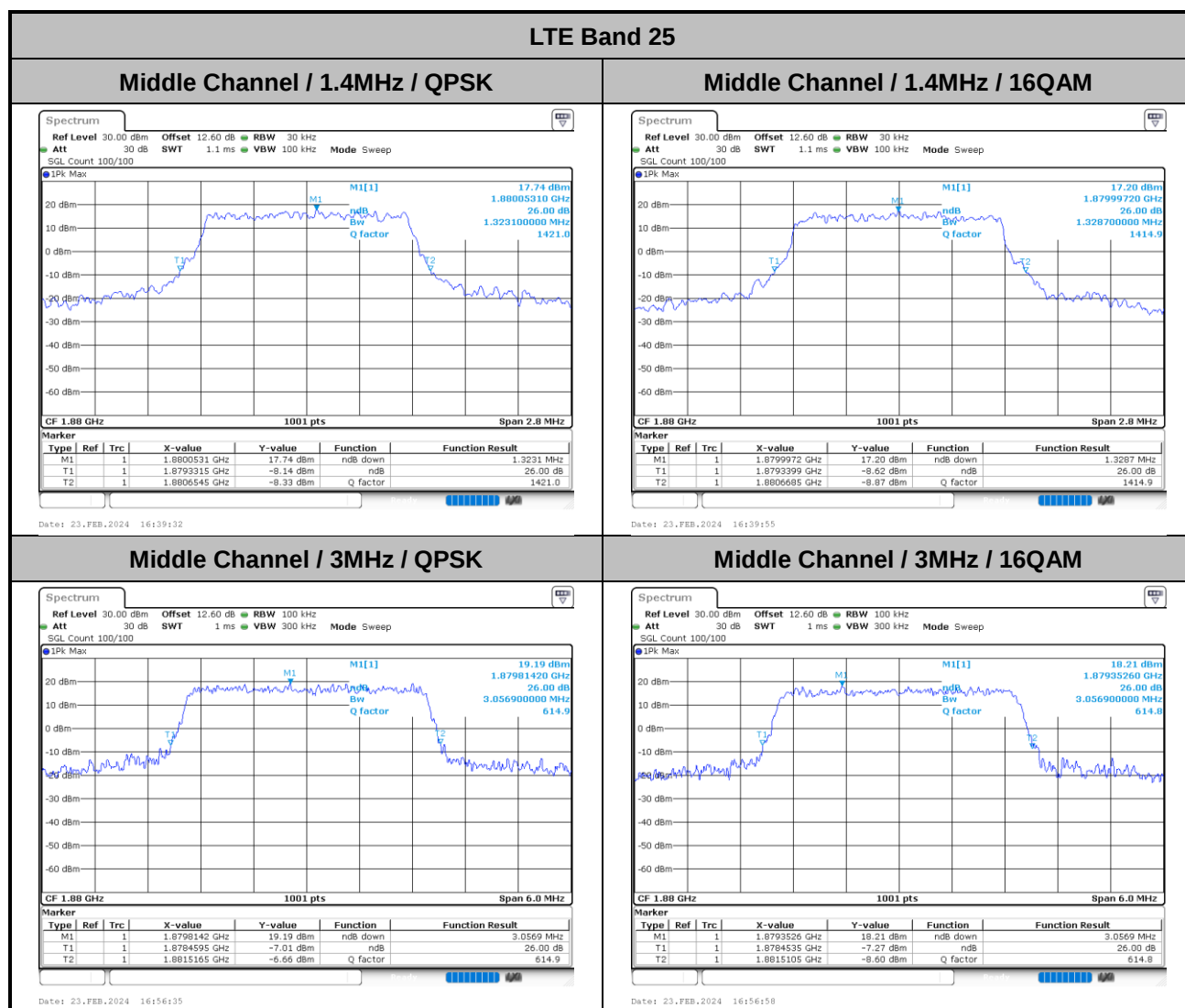
Peak-to-Average Ratio

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	4.75	5.62	6.14	6.61	PASS



**26dB Bandwidth**

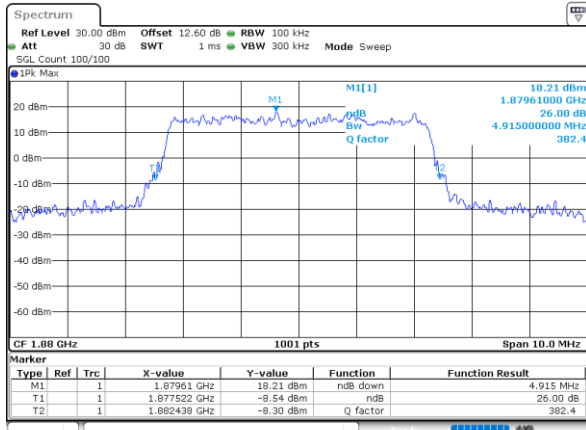
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.32	3.05	3.05	4.91	4.91	9.86	10.05	14.50	14.71	19.06	19.10
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.33	1.33	3.08	3.03	4.85	5.00	9.91	9.92	14.56	14.32	18.94	19.06



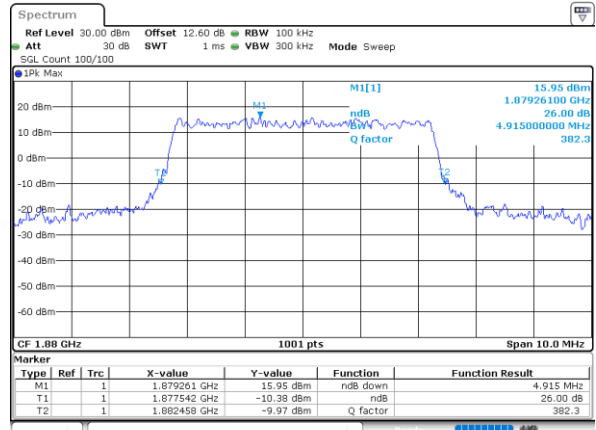


LTE Band 25

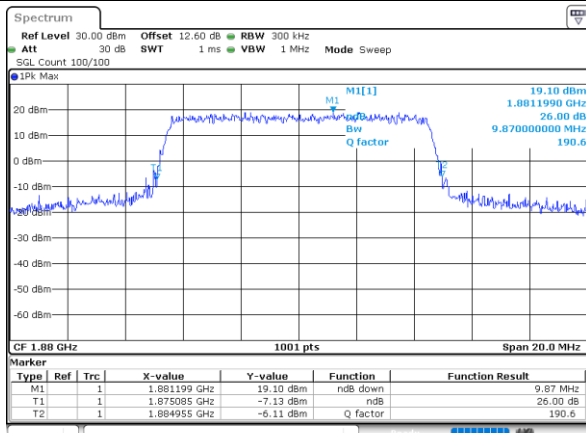
Middle Channel / 5MHz / QPSK



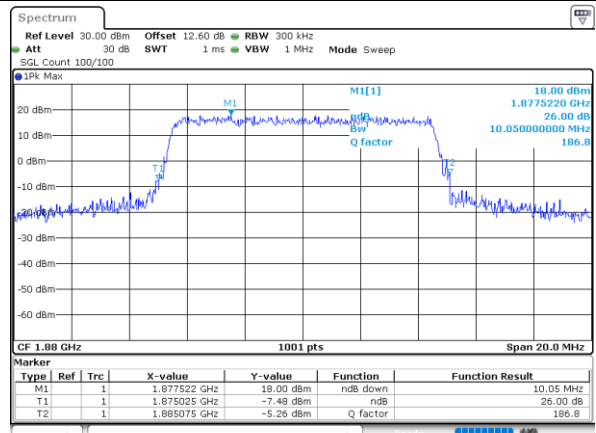
Middle Channel / 5MHz / 16QAM



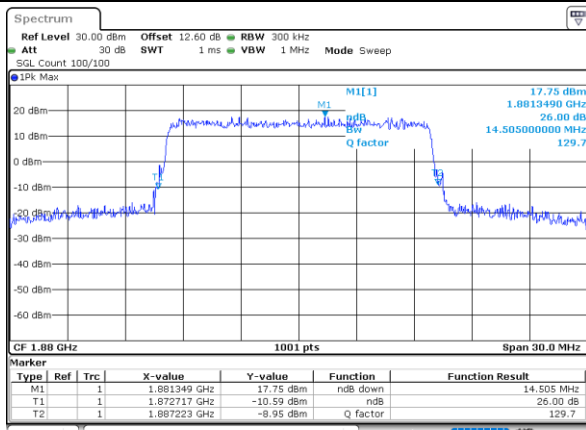
Middle Channel / 10MHz / QPSK



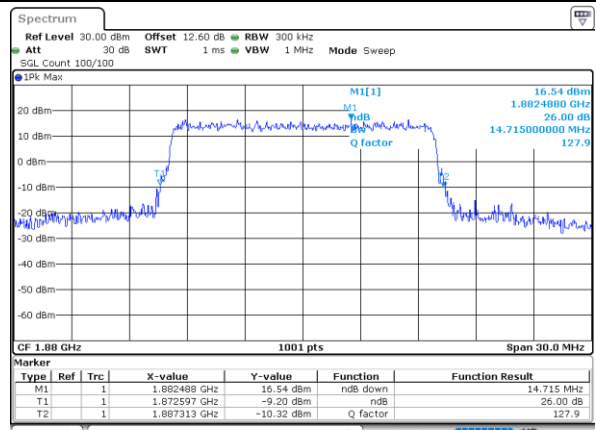
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



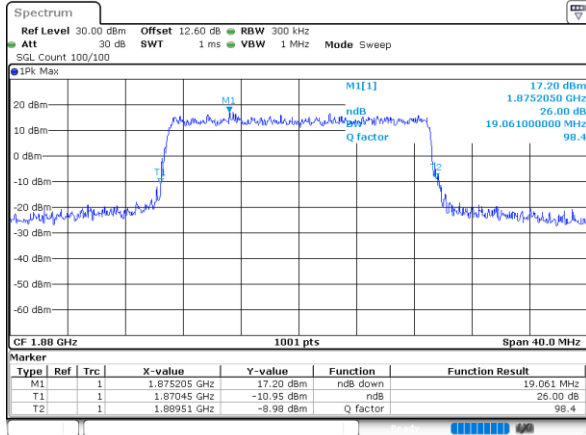
Middle Channel / 15MHz / 16QAM



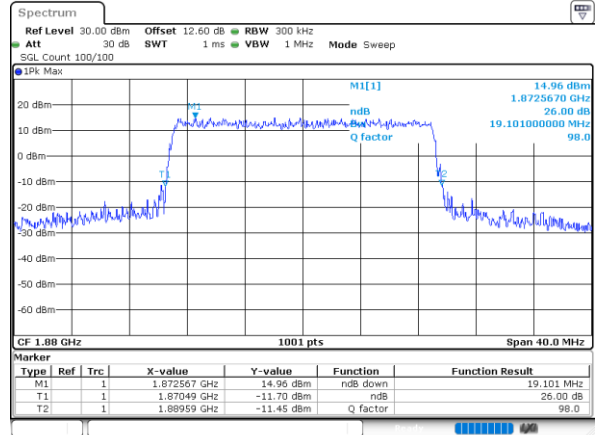


LTE Band 25

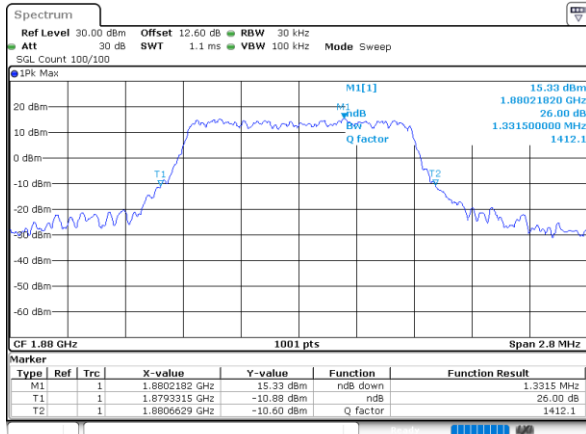
Middle Channel / 20MHz / QPSK



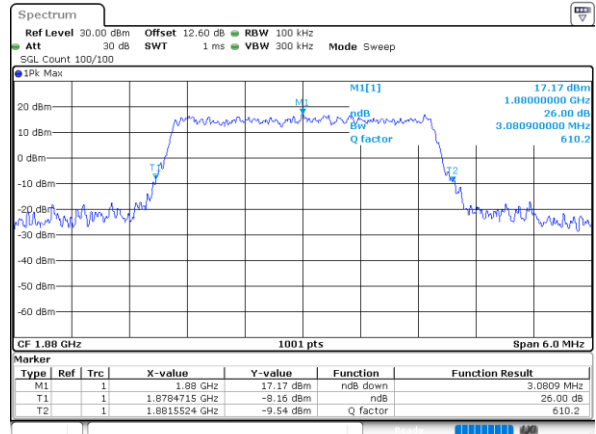
Middle Channel / 20MHz / 16QAM



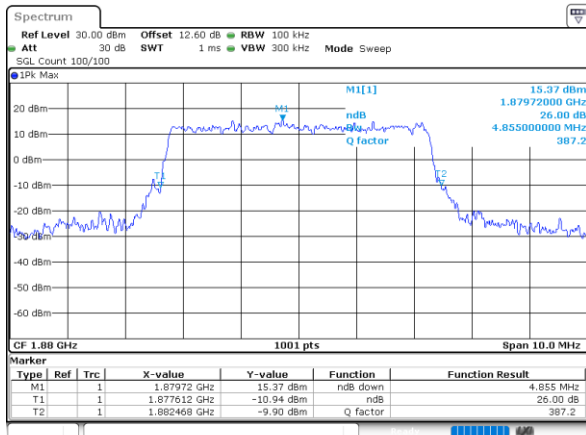
Middle Channel / 1.4MHz / 64QAM



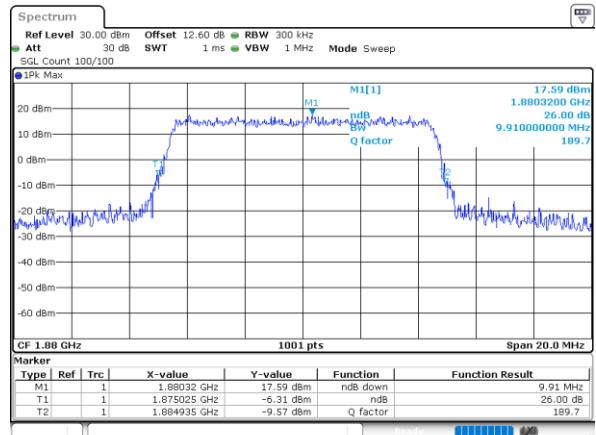
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



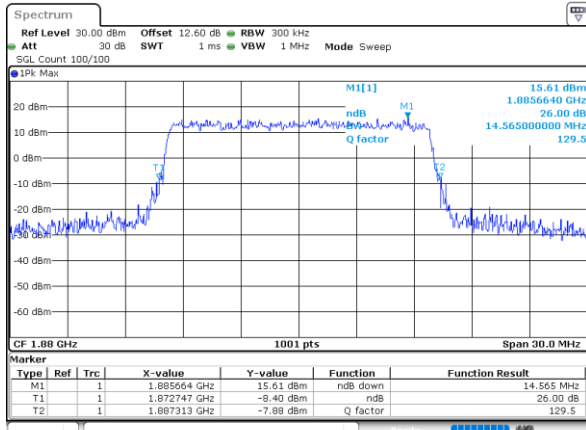
Middle Channel / 10MHz / 64QAM



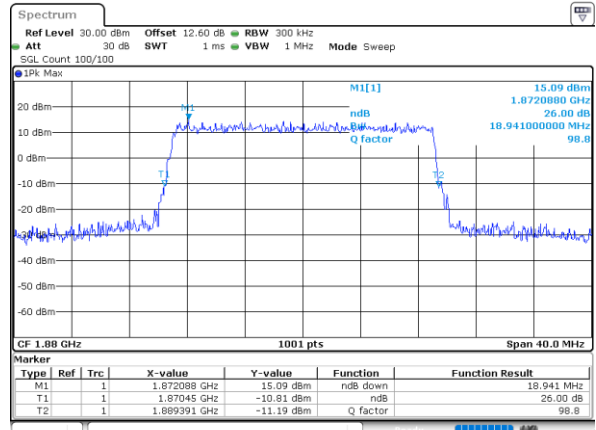


LTE Band 25

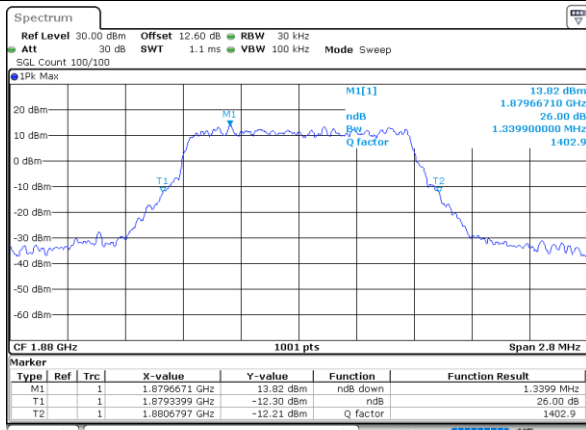
Middle Channel / 15MHz / 64QAM



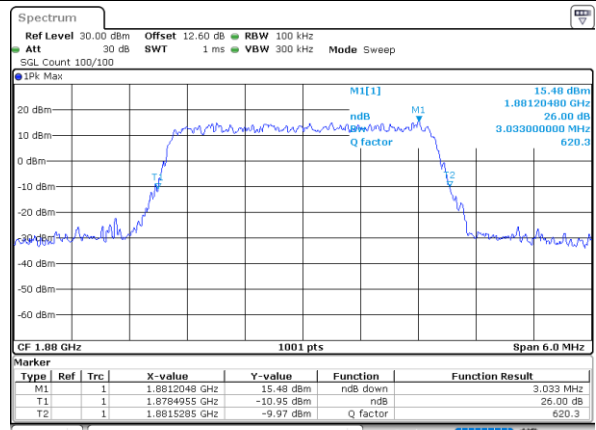
Middle Channel / 20MHz / 64QAM



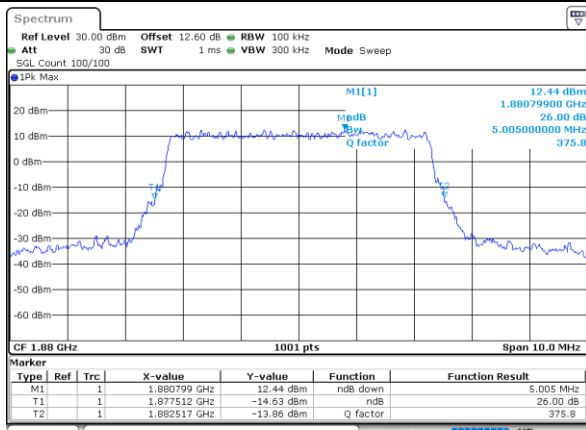
Middle Channel / 1.4MHz / 256QAM



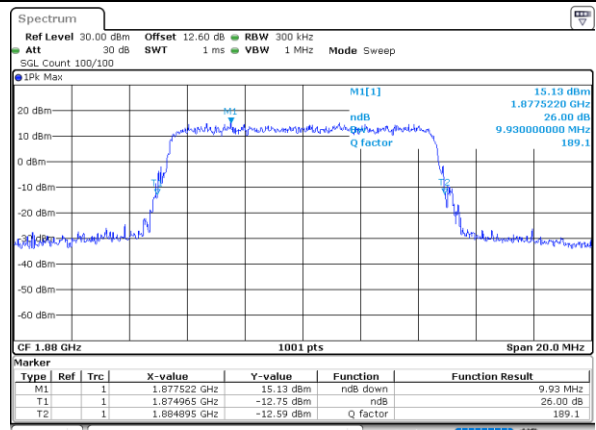
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



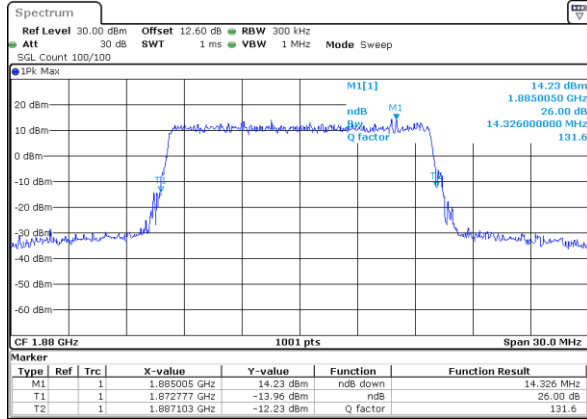
Middle Channel / 10MHz / 256QAM





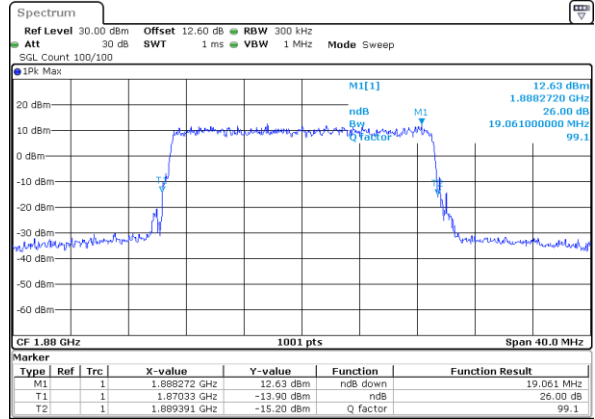
LTE Band 25

Middle Channel / 15MHz / 256QAM



Date: 24.FEB.2024 11:57:55

Middle Channel / 20MHz / 256QAM



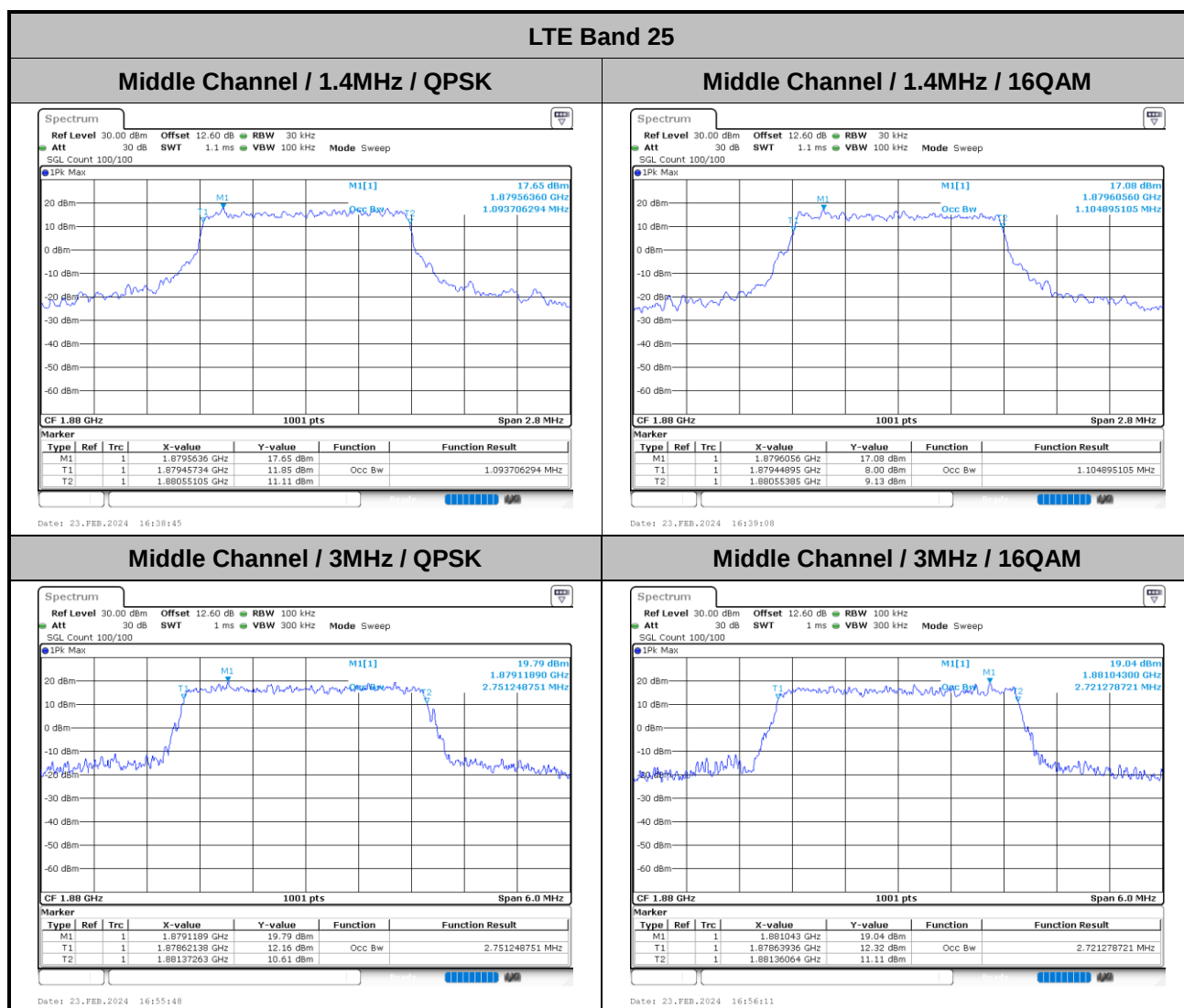
Date: 24.FEB.2024 12:00:48



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	1.09	1.10	2.75	2.72	4.51	4.51	9.07	9.01	13.45	13.45	17.90	17.94

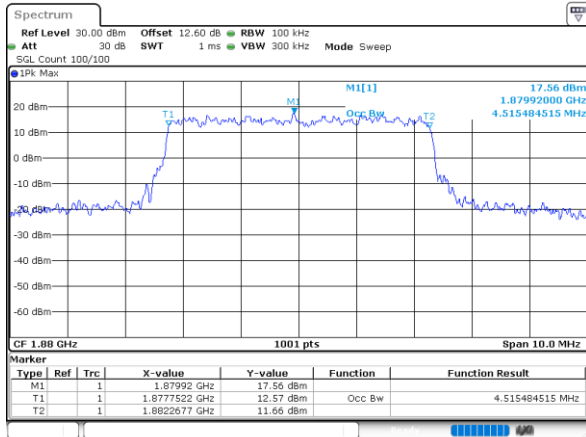
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.08	2.72	2.72	4.48	4.50	9.05	9.07	13.42	13.48	17.98	17.94



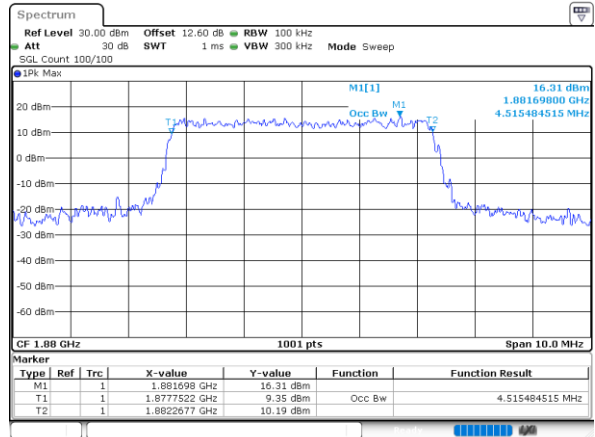


LTE Band 25

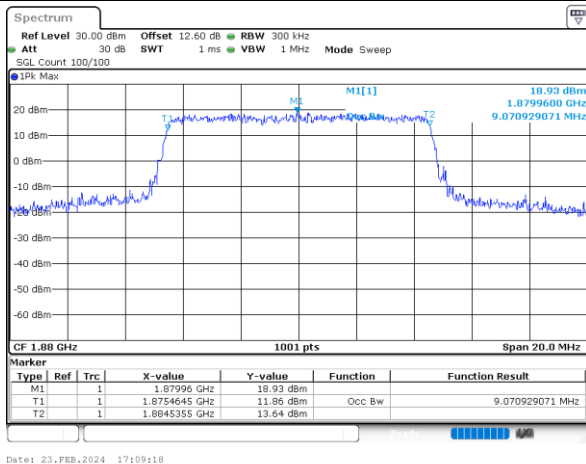
Middle Channel / 5MHz / QPSK



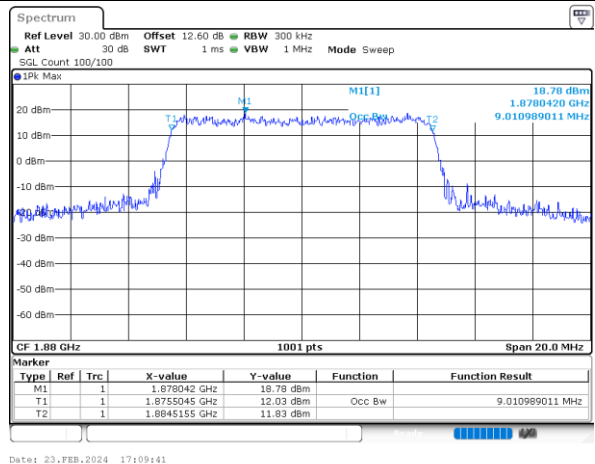
Middle Channel / 5MHz / 16QAM



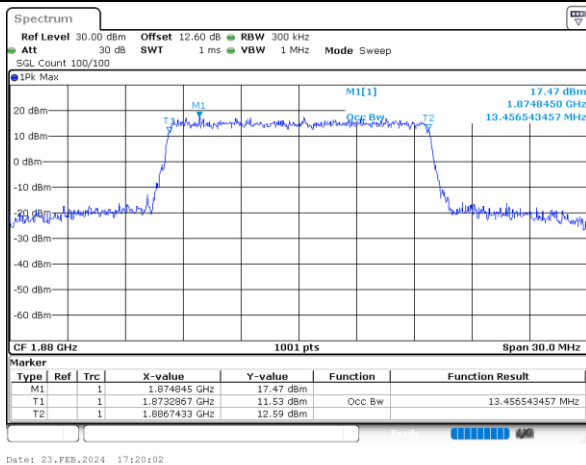
Middle Channel / 10MHz / QPSK



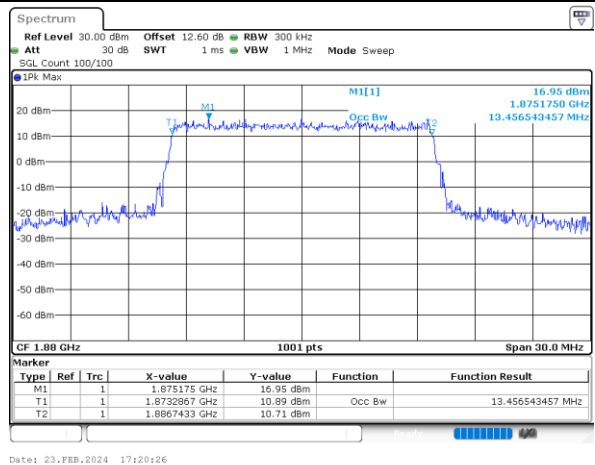
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



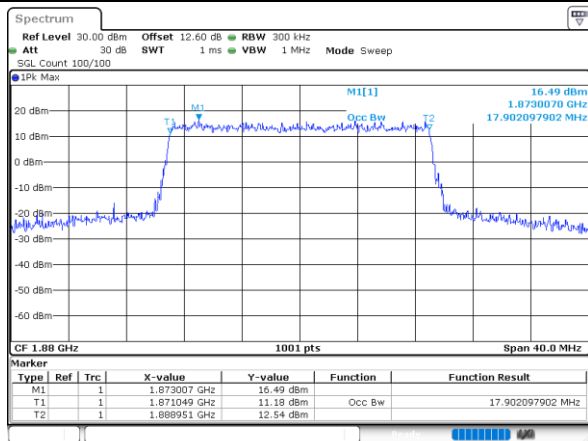
Middle Channel / 15MHz / 16QAM



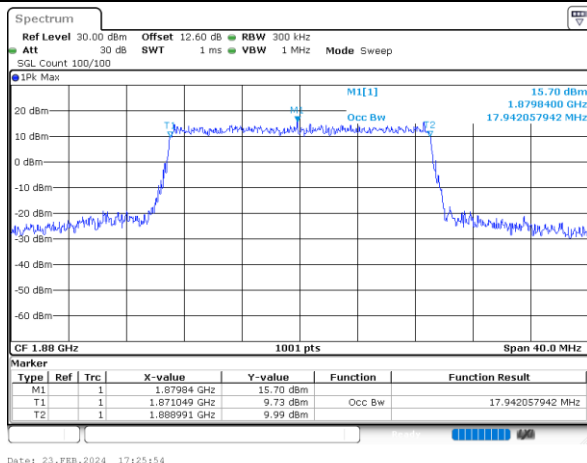


LTE Band 25

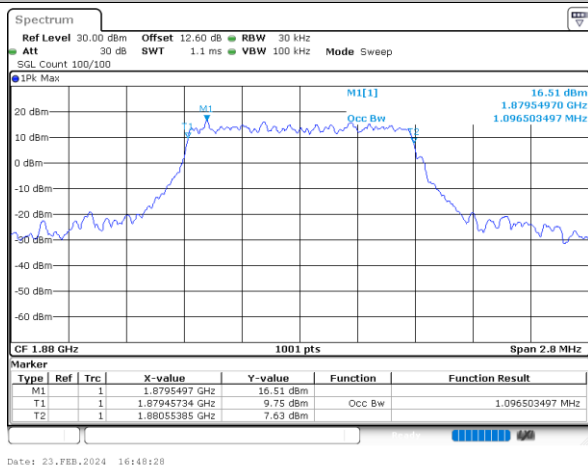
Middle Channel / 20MHz / QPSK



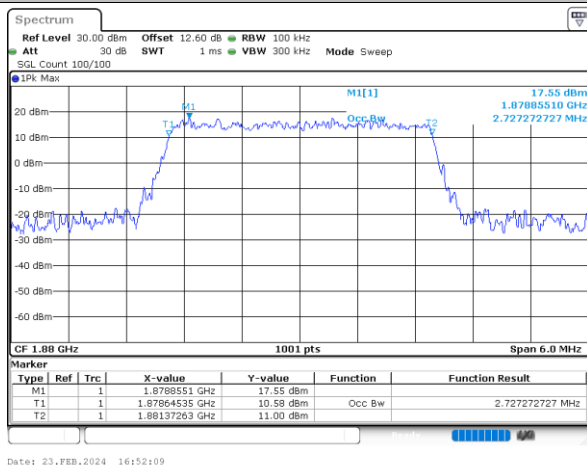
Middle Channel / 20MHz / 16QAM



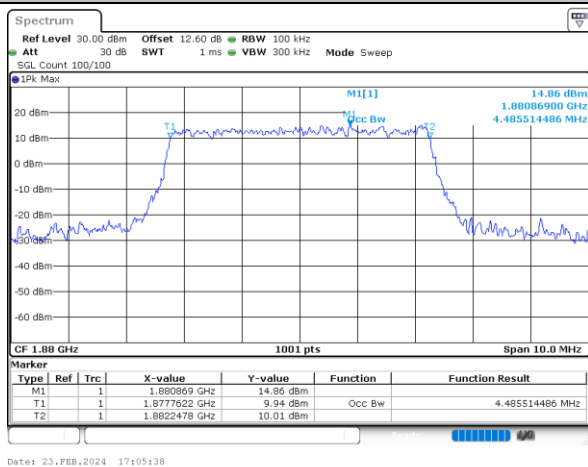
Middle Channel / 1.4MHz / 64QAM



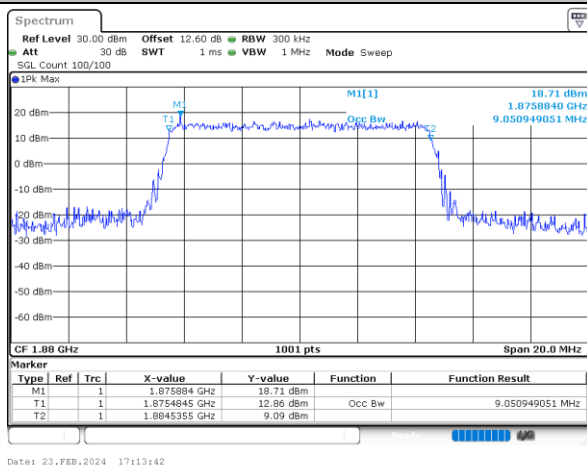
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



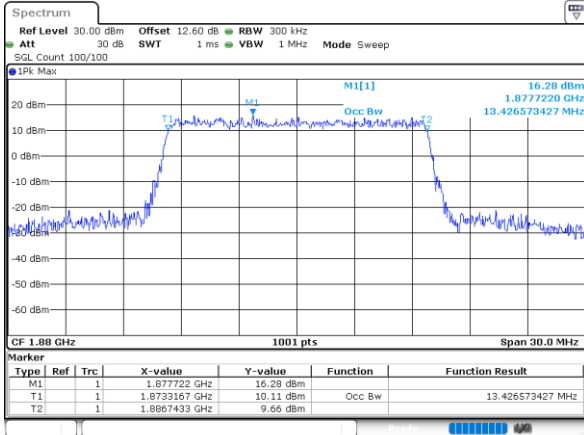
Middle Channel / 10MHz / 64QAM



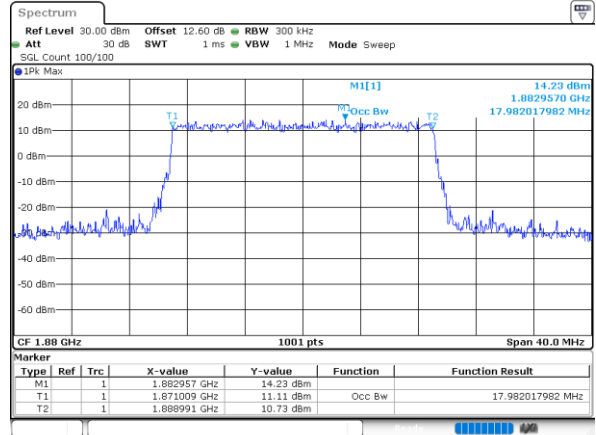


LTE Band 25

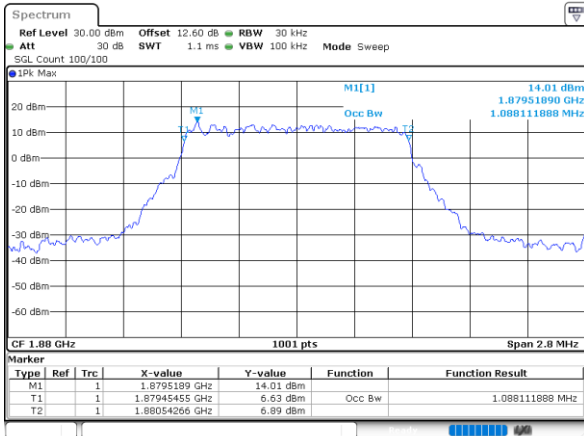
Middle Channel / 15MHz / 64QAM



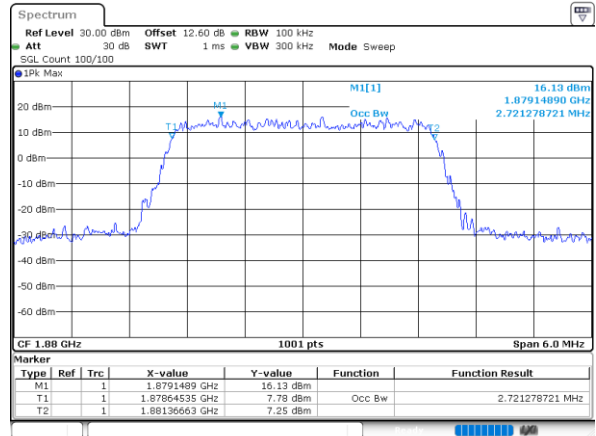
Middle Channel / 20MHz / 64QAM



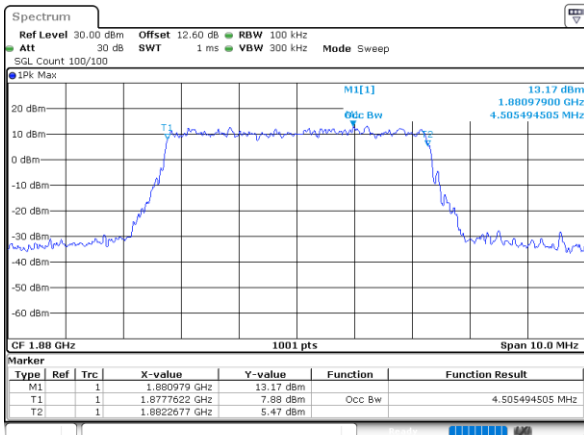
Middle Channel / 1.4MHz / 256QAM



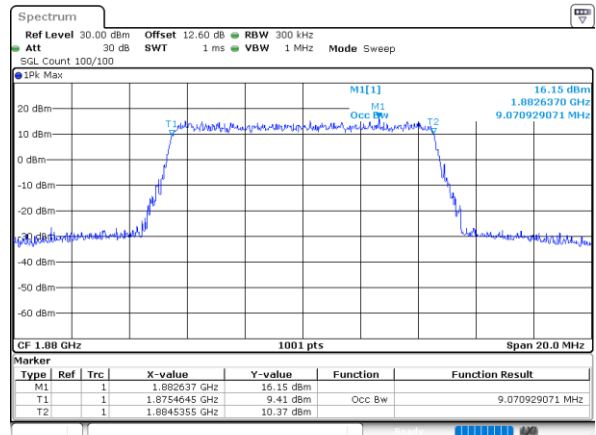
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



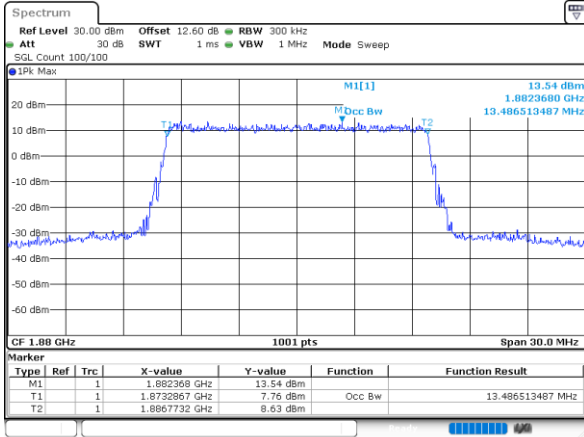
Middle Channel / 10MHz / 256QAM





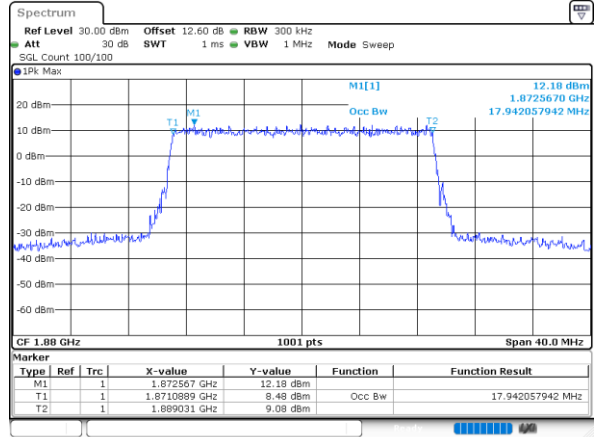
LTE Band 25

Middle Channel / 15MHz / 256QAM



Date: 24.FEB.2024 11:57:29

Middle Channel / 20MHz / 256QAM



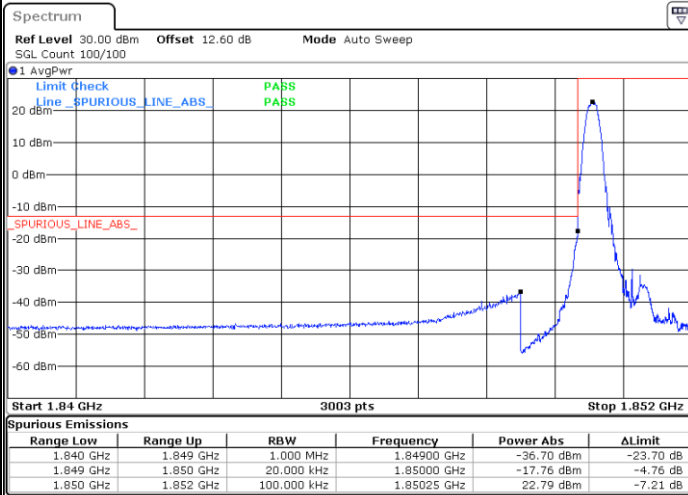
Date: 24.FEB.2024 12:00:22



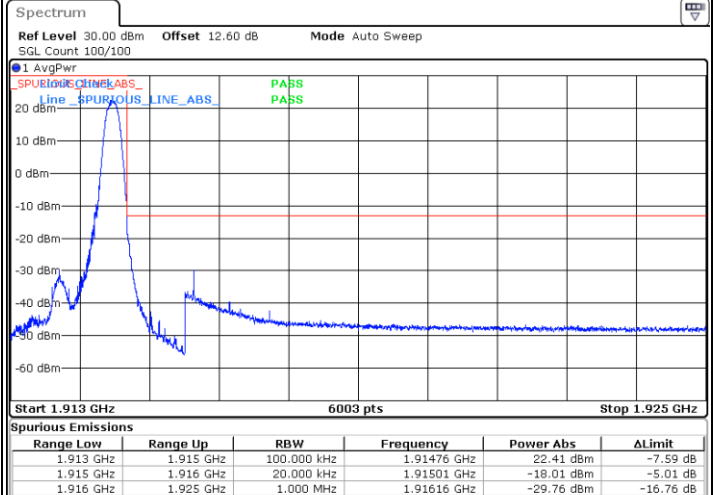
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

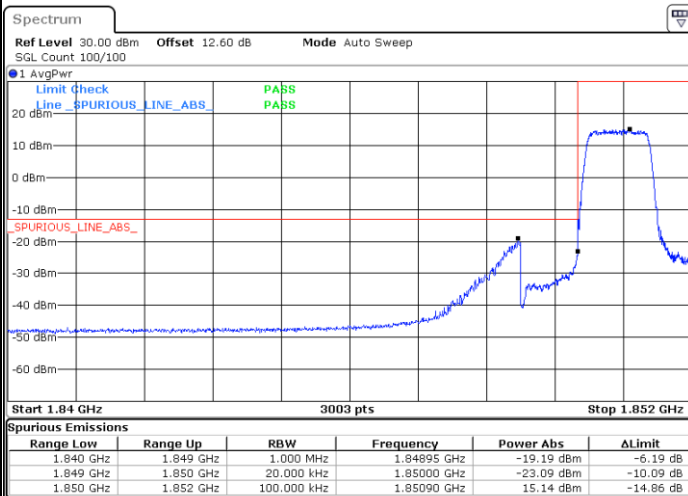
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

