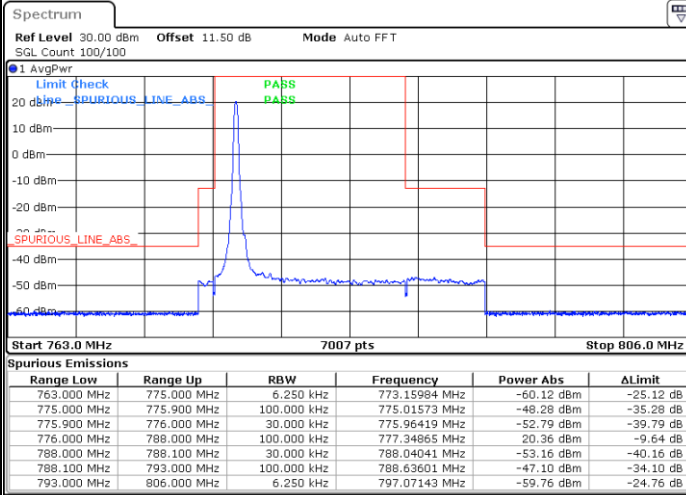




Conducted Band Edge

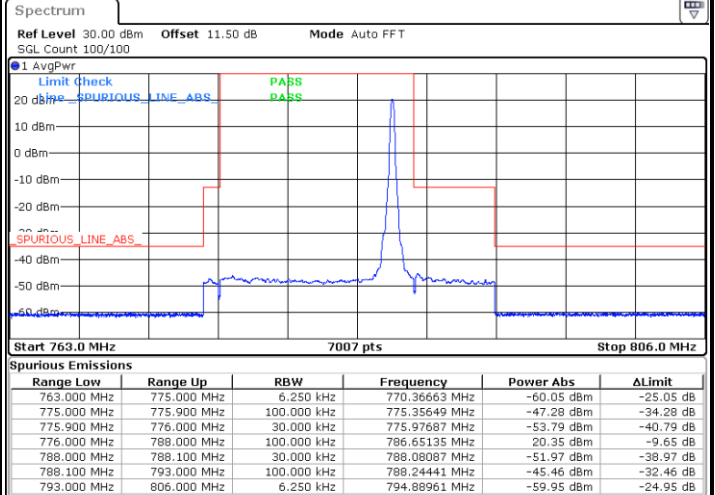
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



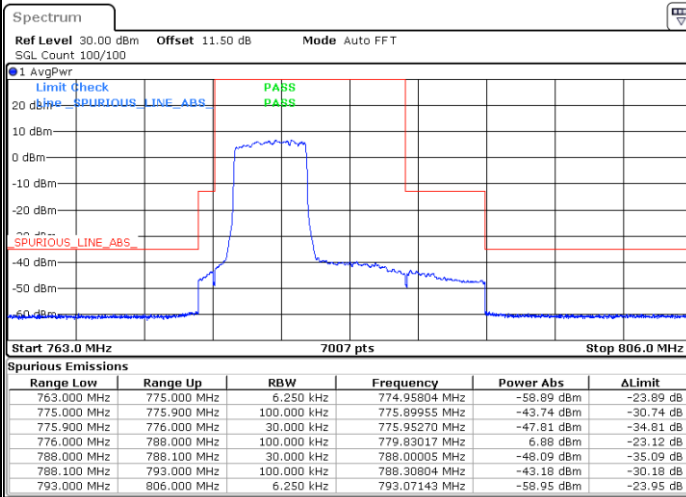
Date: 29.APR.2024 16:34:56

Highest Band Edge / 1 RB



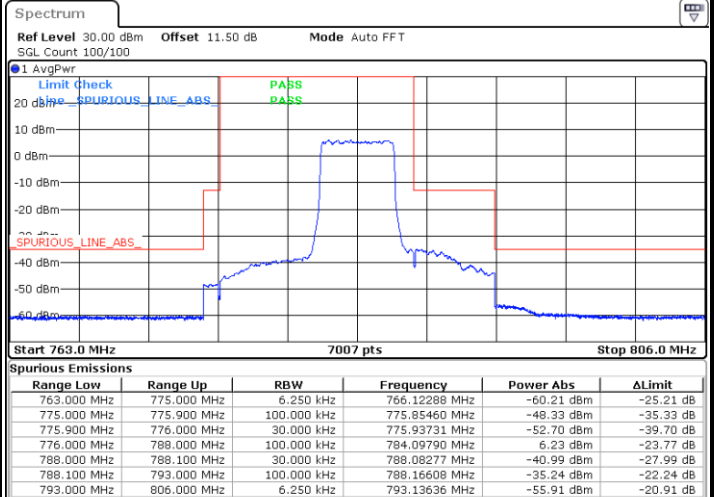
Date: 29.APR.2024 16:42:16

Lowest Band Edge / Full RB



Date: 29.APR.2024 16:32:19

Highest Band Edge / Full RB



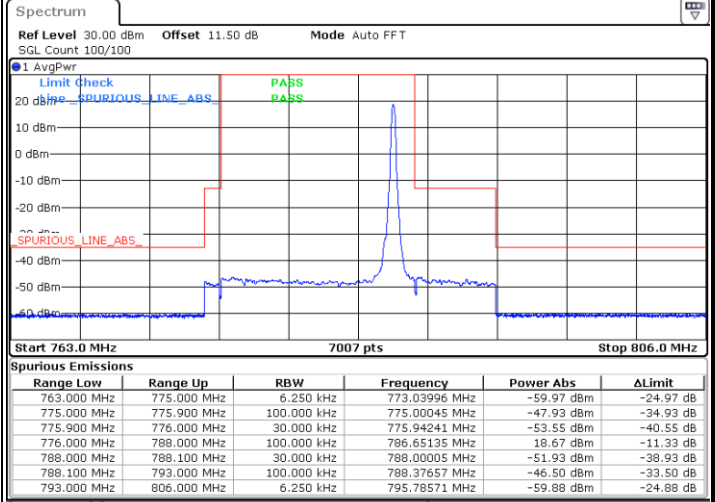
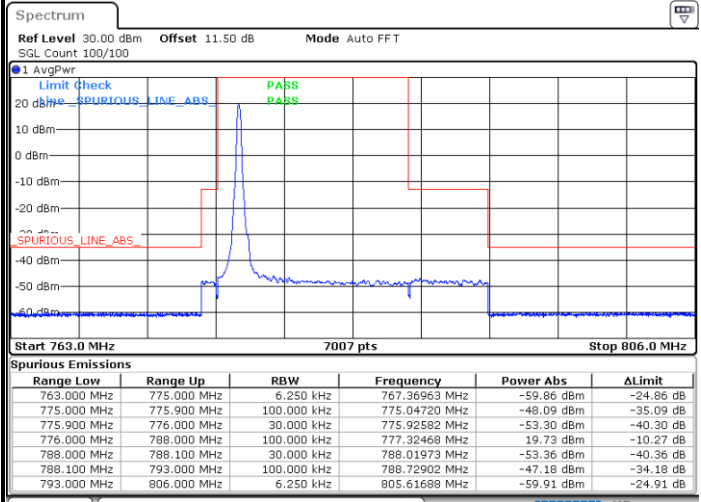
Date: 29.APR.2024 16:39:39



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

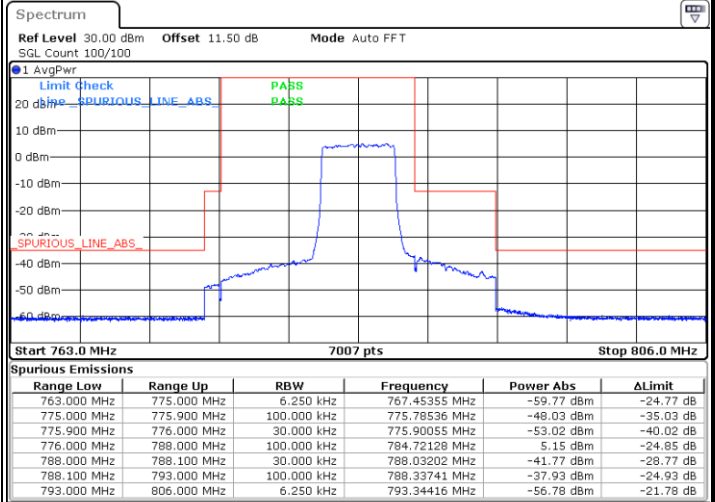
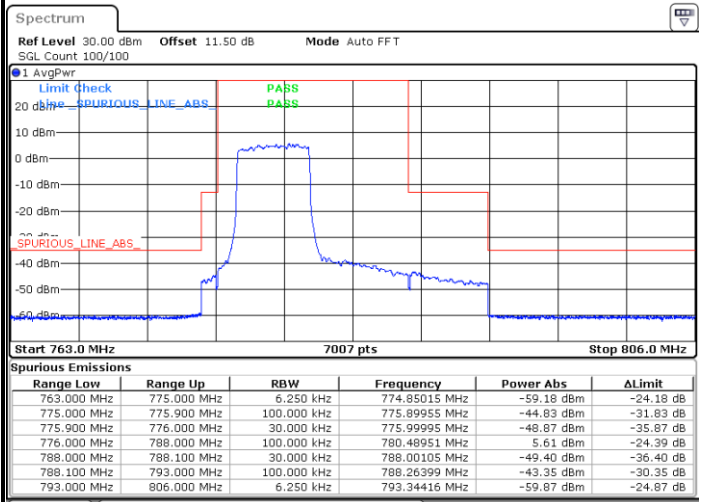


Date: 29.APR.2024 16:34:03

Date: 29.APR.2024 16:41:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.APR.2024 16:33:11

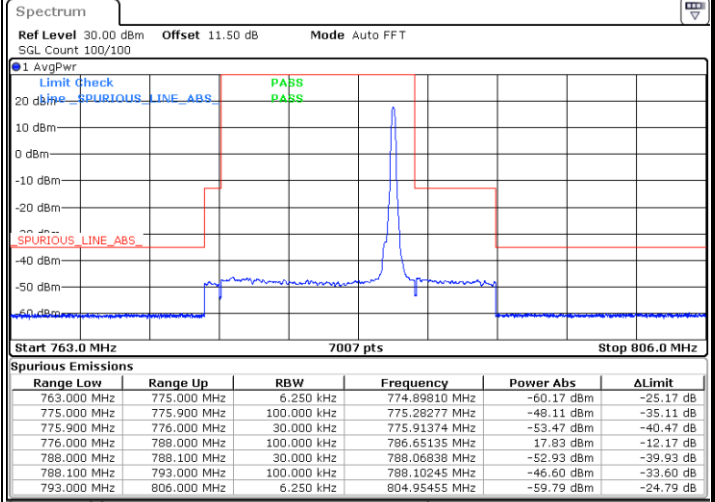
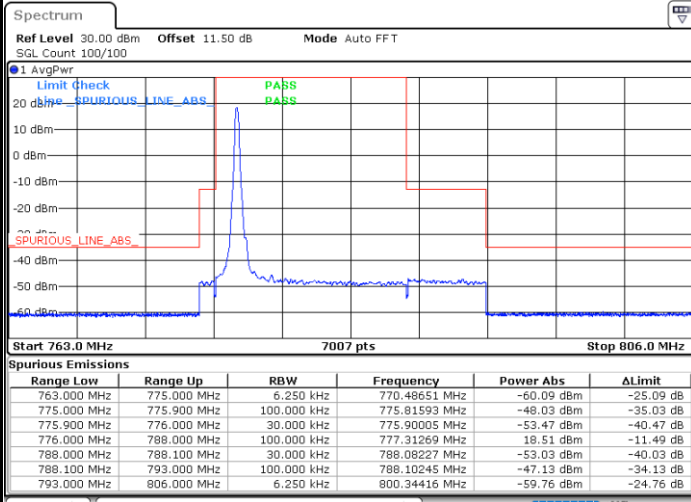
Date: 29.APR.2024 16:40:31



LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

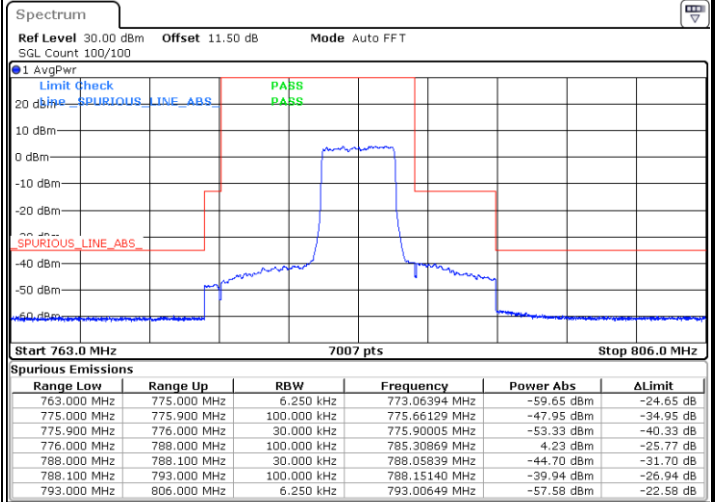
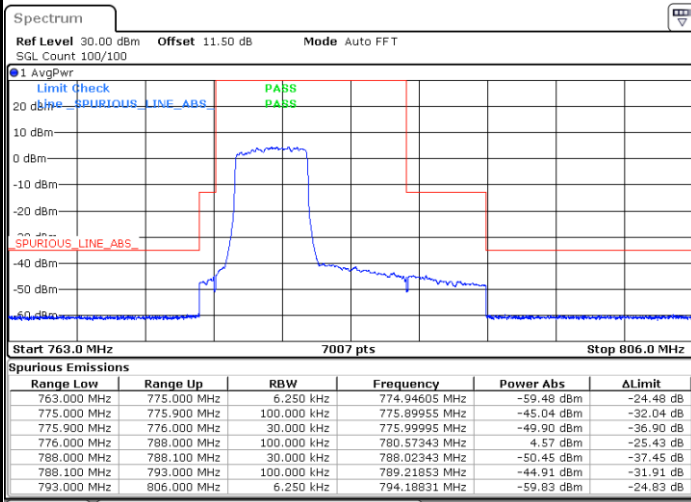


Date: 29.APR.2024 16:45:11

Date: 29.APR.2024 16:47:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



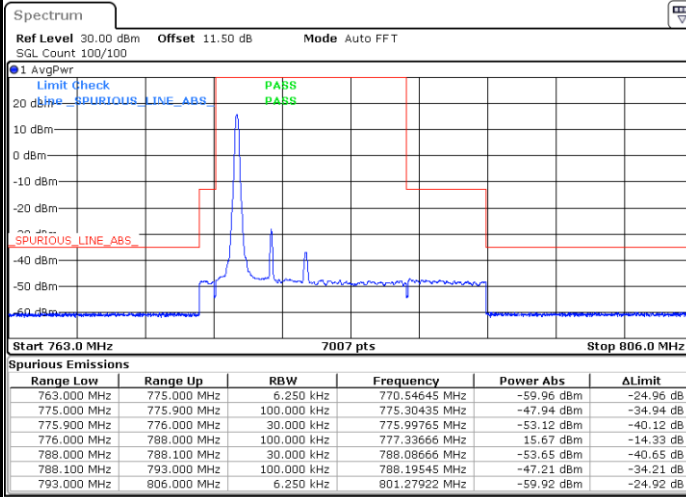
Date: 29.APR.2024 16:44:19

Date: 29.APR.2024 16:46:48



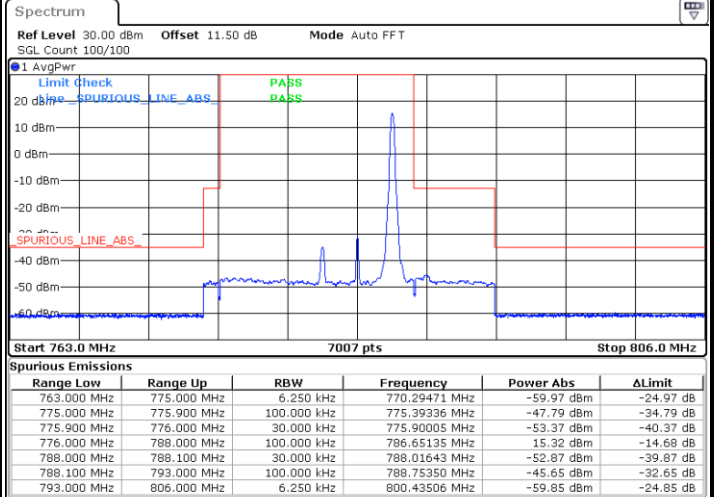
LTE Band 13 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



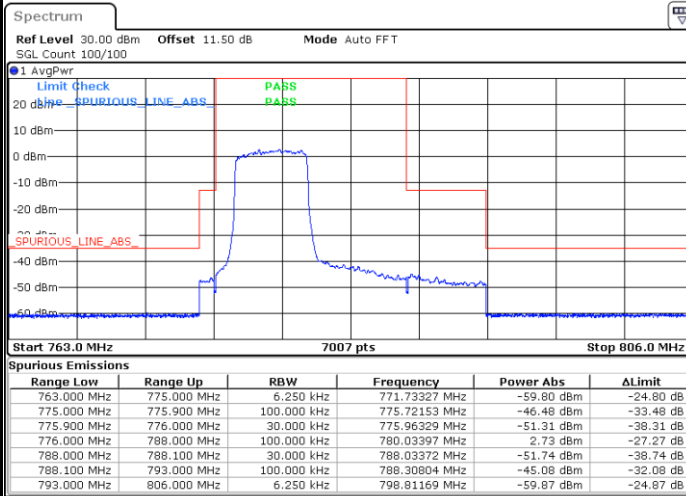
Date: 29.APR.2024 16:57:22

Highest Band Edge / 1 RB



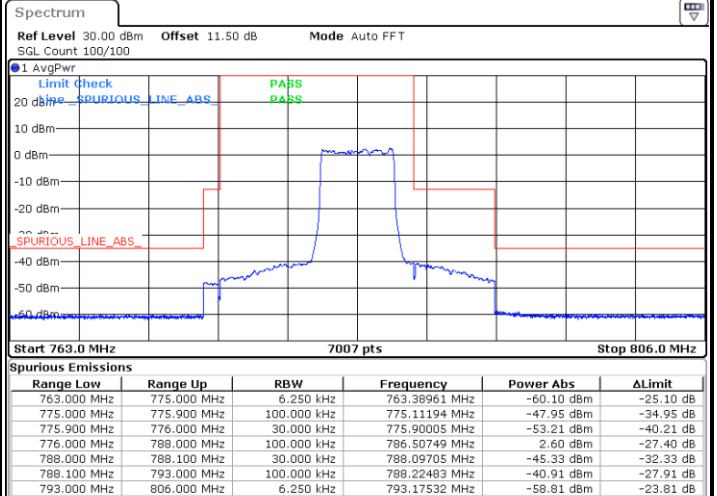
Date: 29.APR.2024 17:01:56

Lowest Band Edge / Full RB

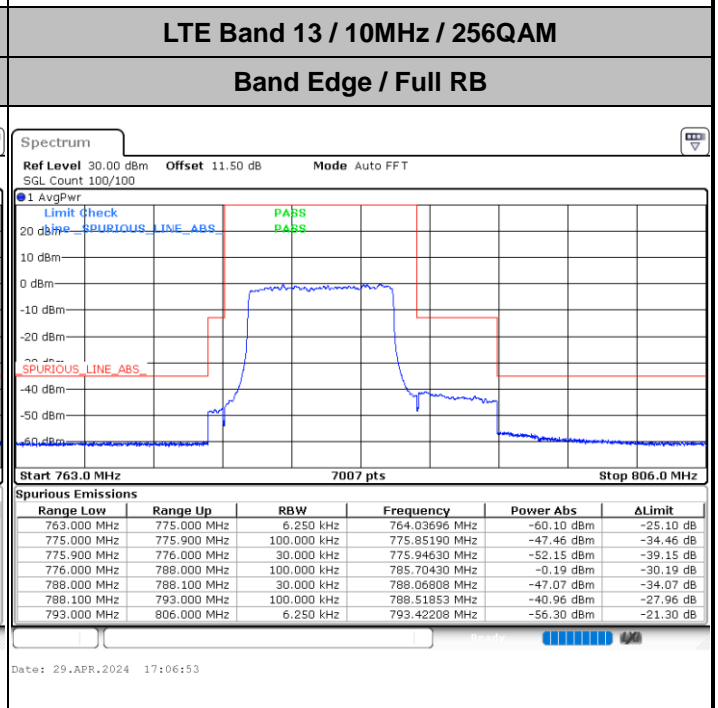
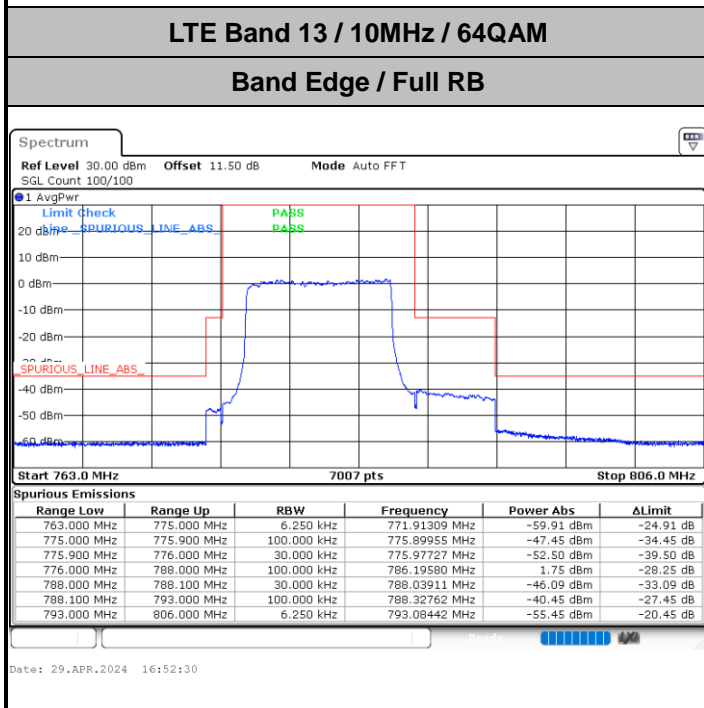
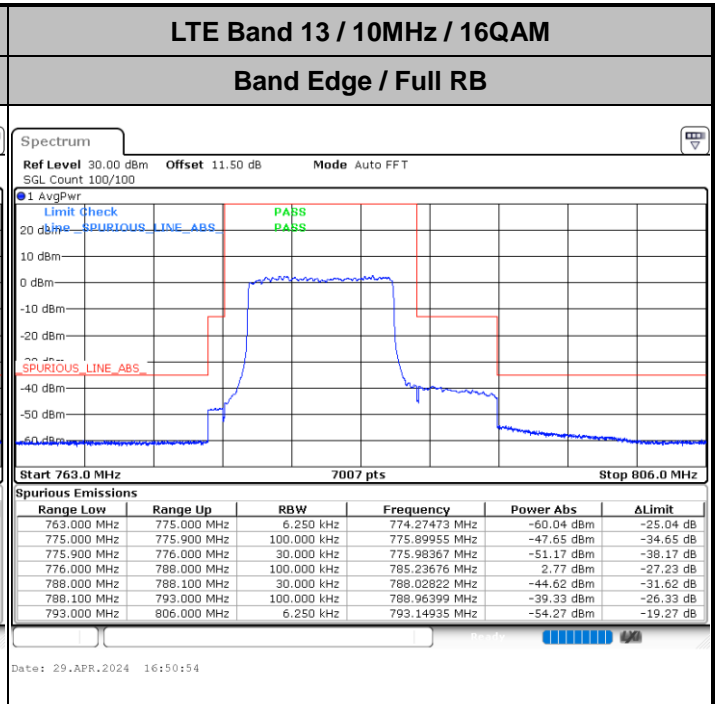
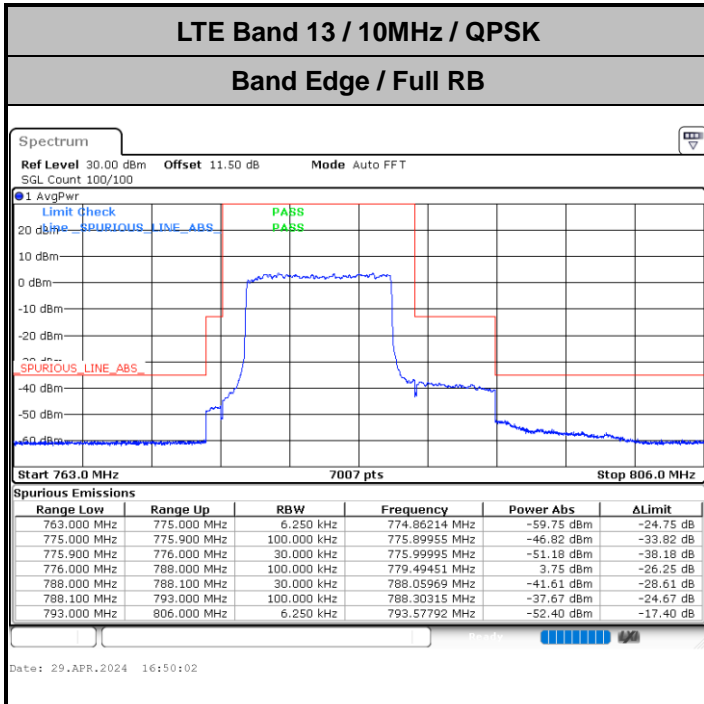


Date: 29.APR.2024 16:54:33

Highest Band Edge / Full RB



Date: 29.APR.2024 17:01:01





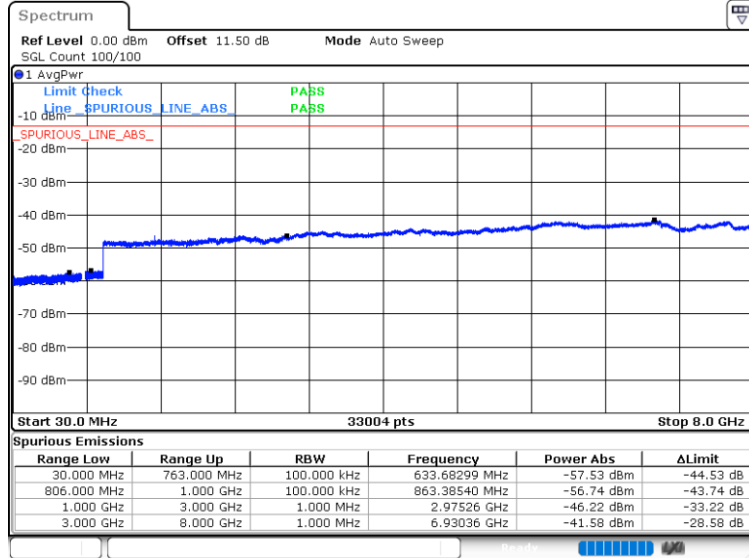
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 29.APR.2024 17:08:28



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0088	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0105	
20	Maximum Voltage	0.0119	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0105	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 14

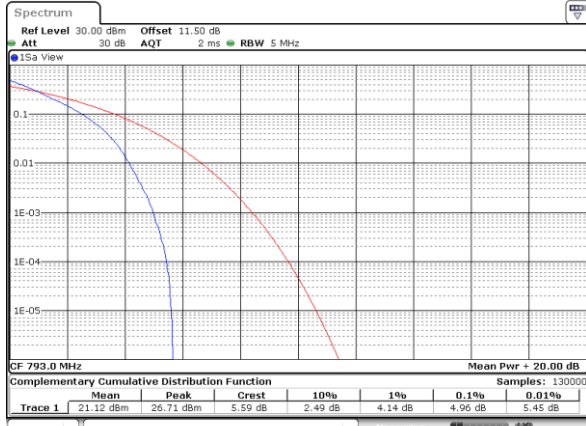
Peak-to-Average Ratio

Mode	LTE Band 14 / 5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.80	6.43	6.52	PASS
Mode	LTE Band 14 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.07	5.91	6.26	6.55	PASS



LTE Band 14 / 5MHz / QPSK

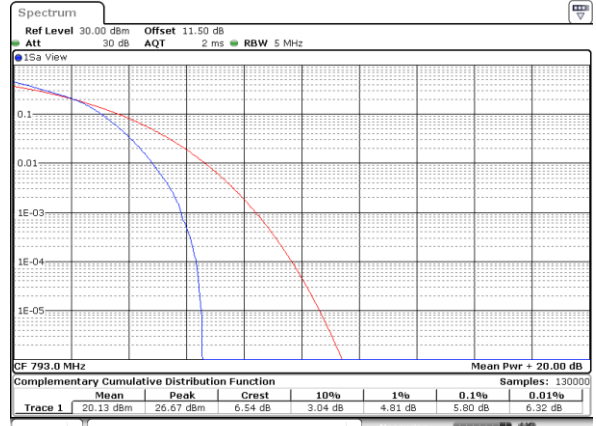
Middle Channel / Full RB



Date: 29.APR.2024 18:45:04

LTE Band 14 / 5MHz / 16QAM

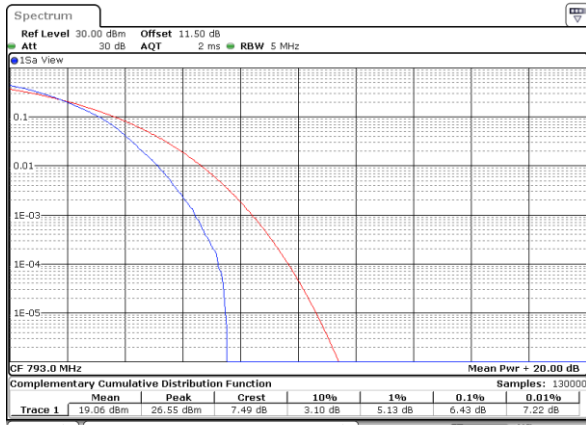
Middle Channel / Full RB



Date: 29.APR.2024 18:45:27

LTE Band 14 / 5MHz / 64QAM

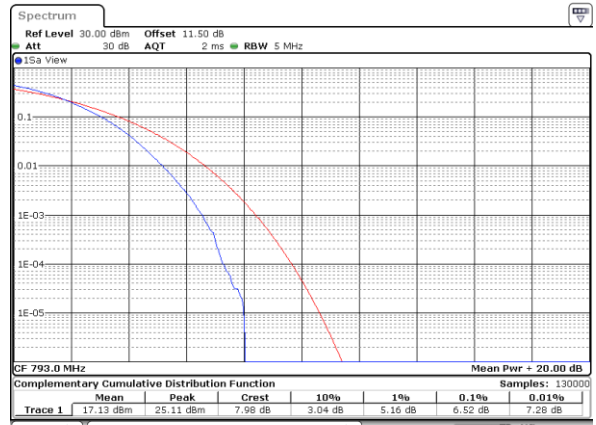
Middle Channel / Full RB



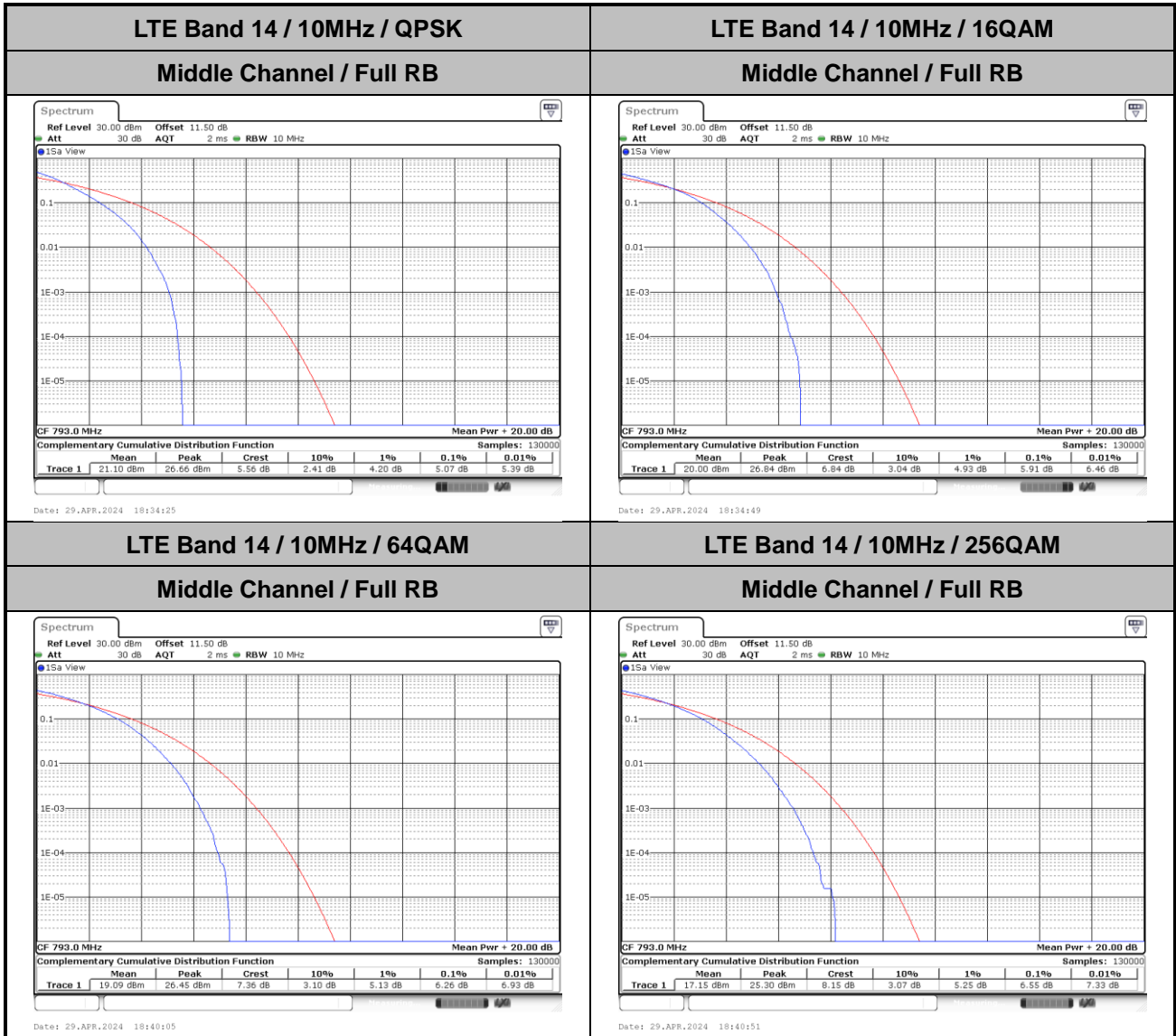
Date: 29.APR.2024 18:45:51

LTE Band 14 / 5MHz / 256QAM

Middle Channel / Full RB



Date: 29.APR.2024 18:46:14





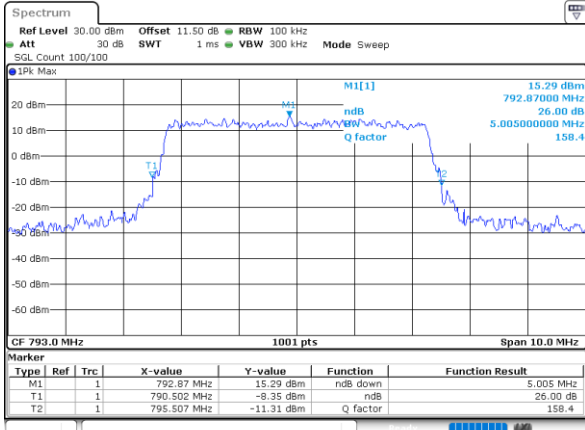
26dB Bandwidth

Mode	LTE Band 14 : 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	-	-	-	-	5.00	4.89	9.92	9.86	-	-	-	-
Mode	LTE Band 14 : 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	-	-	-	-	5.10	4.92	9.78	9.78	-	-	-	-

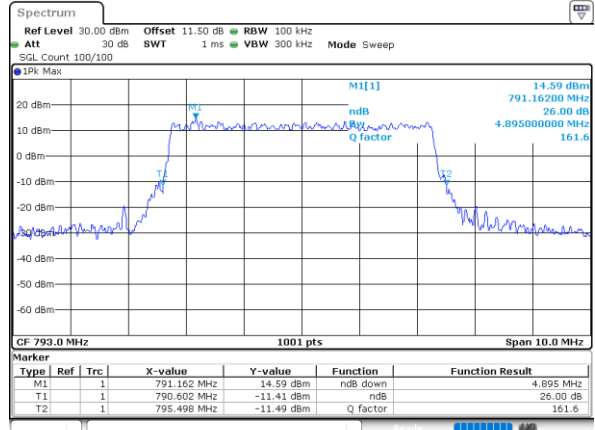


LTE Band 14

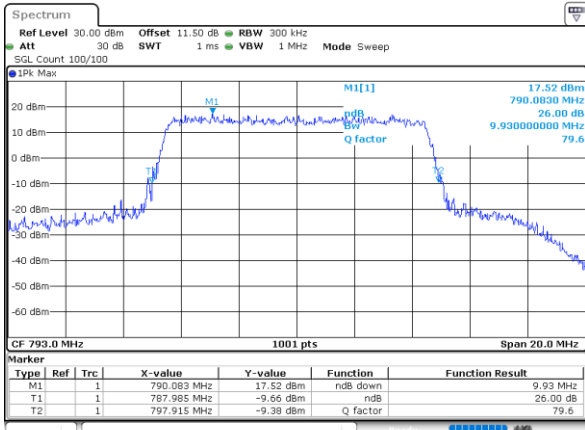
Middle Channel / 5MHz / QPSK



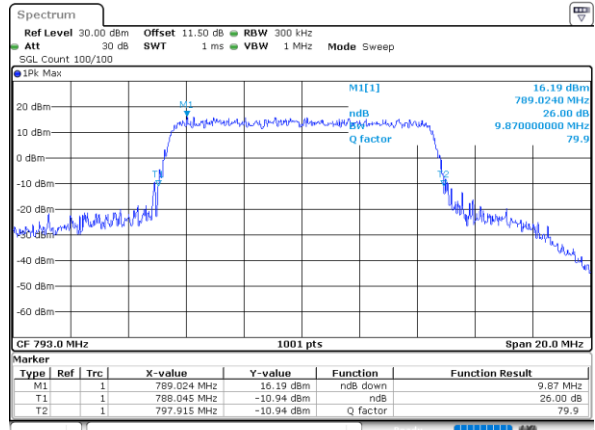
Middle Channel / 5MHz / 16QAM



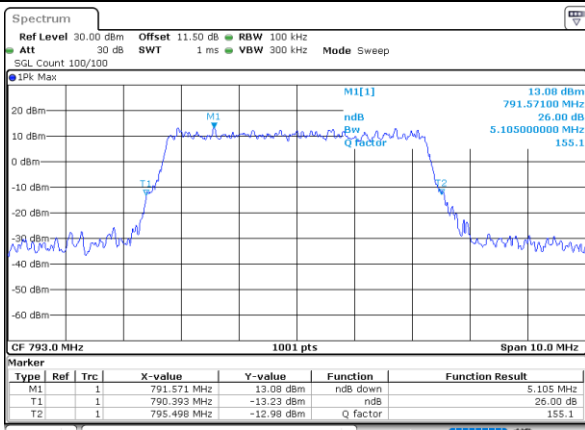
Middle Channel / 10MHz / QPSK



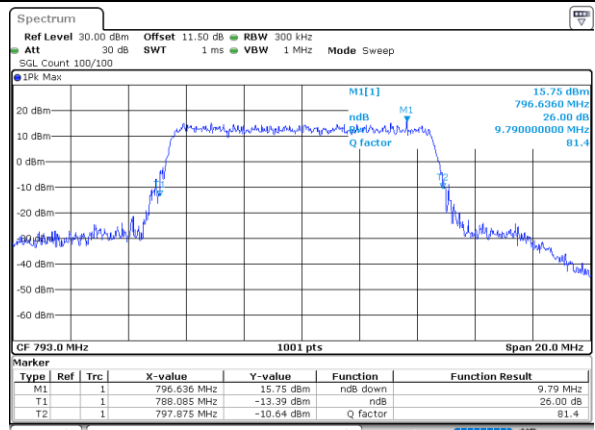
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



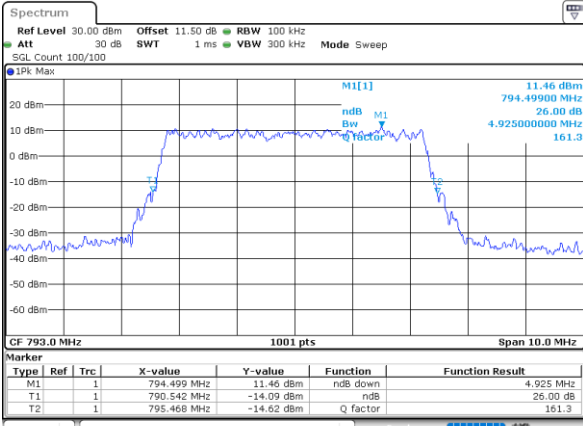
Middle Channel / 10MHz / 64QAM





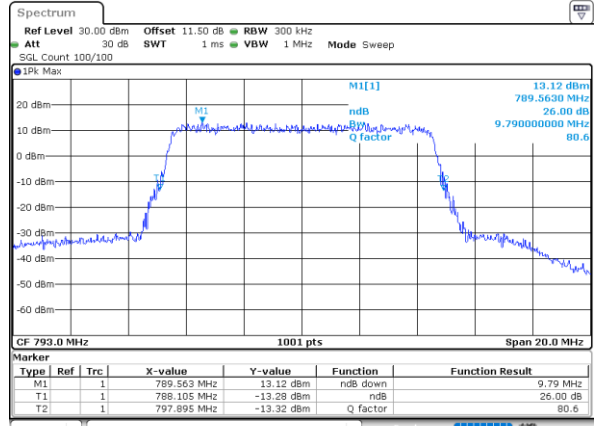
LTE Band 14

Middle Channel / 5MHz / 256QAM



Date: 29_APR.2024 17:40:39

Middle Channel / 10MHz / 256QAM



Date: 29_APR.2024 18:41:36



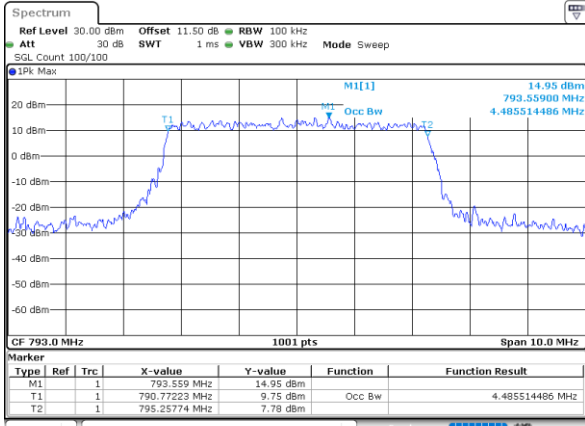
Occupied Bandwidth

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	-	-	-	-	4.48	4.49	9.01	9.01	-	-	-	-
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	-	-	-	-	4.51	4.47	9.03	9.05	-	-	-	-

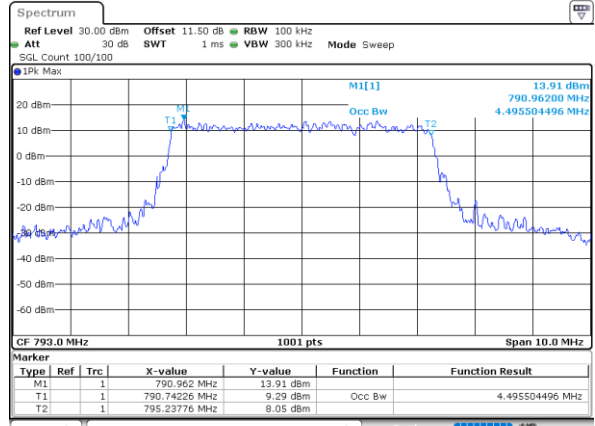


LTE Band 14

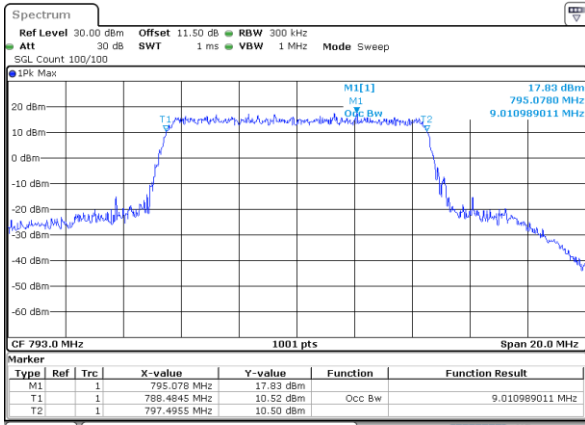
Middle Channel / 5MHz / QPSK



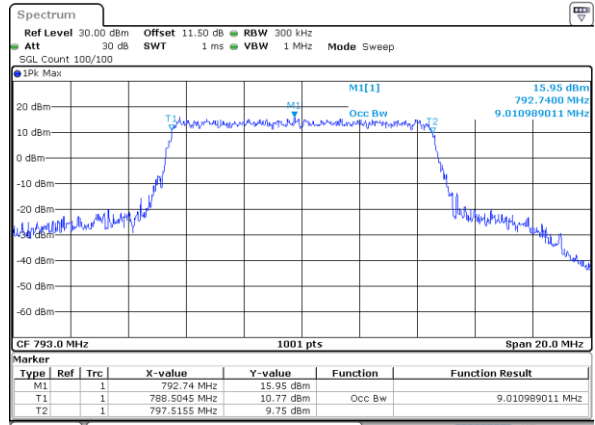
Middle Channel / 5MHz / 16QAM



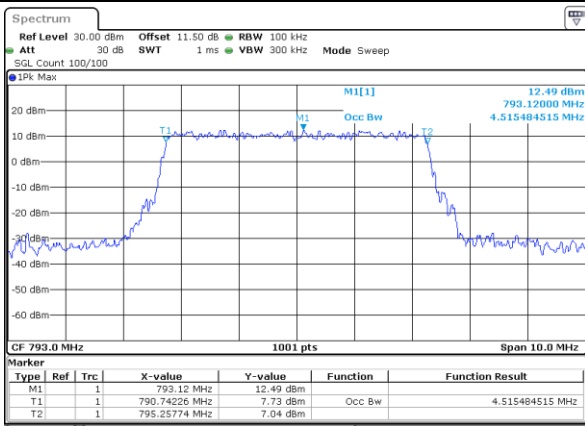
Middle Channel / 10MHz / QPSK



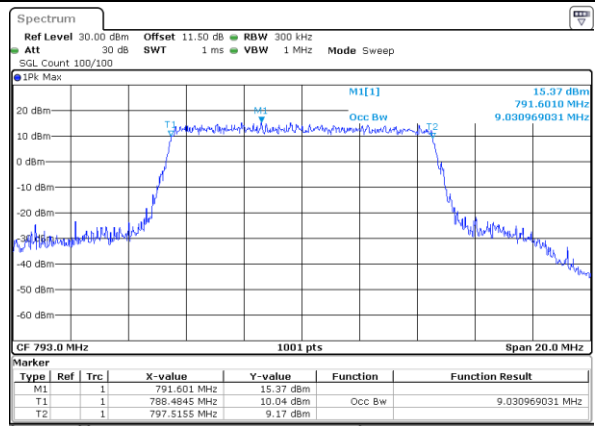
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



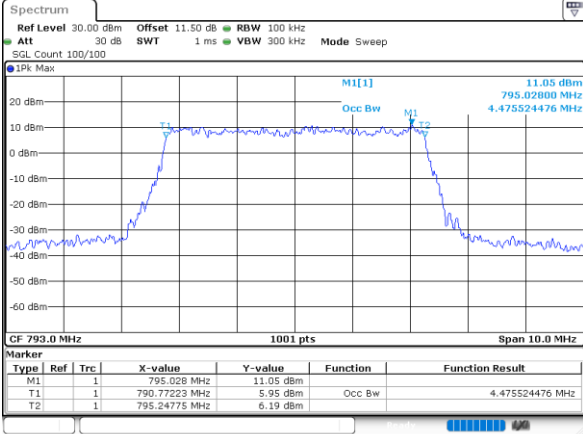
Middle Channel / 10MHz / 64QAM





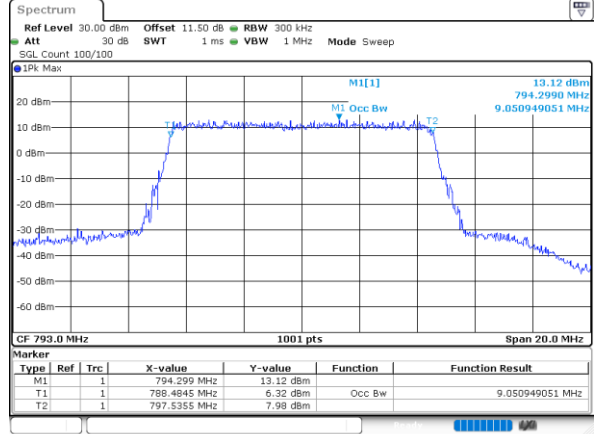
LTE Band 14

Middle Channel / 5MHz / 256QAM



Date: 29_APR_2024 17:41:01

Middle Channel / 10MHz / 256QAM



Date: 29_APR_2024 18:41:14

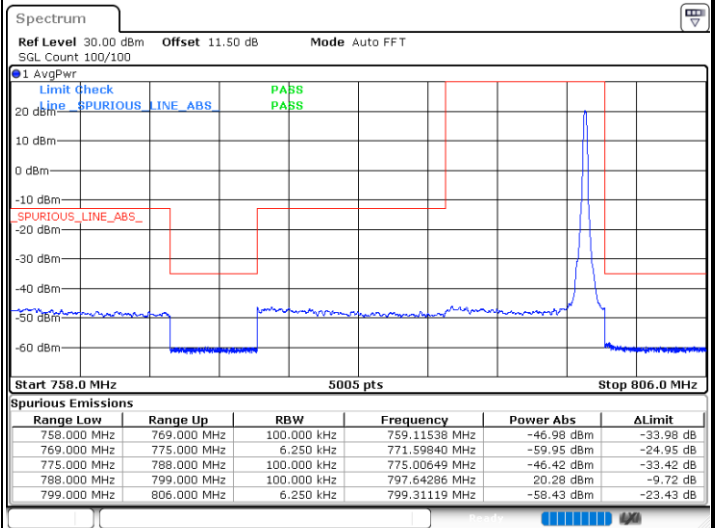
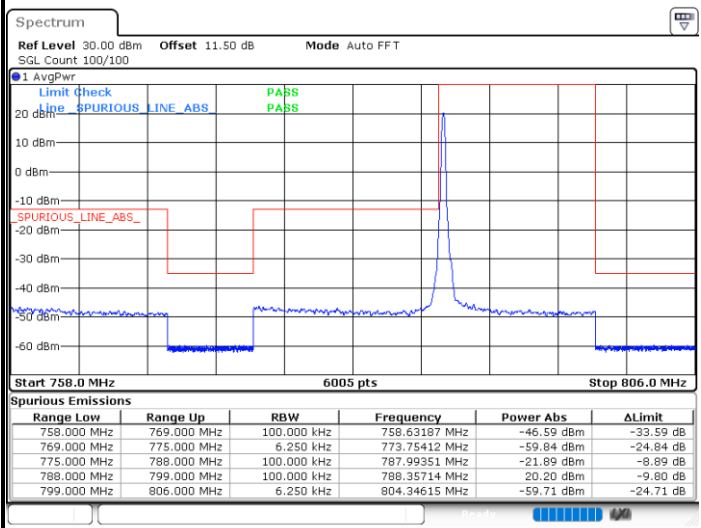


Conducted Band Edge

LTE Band 14 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

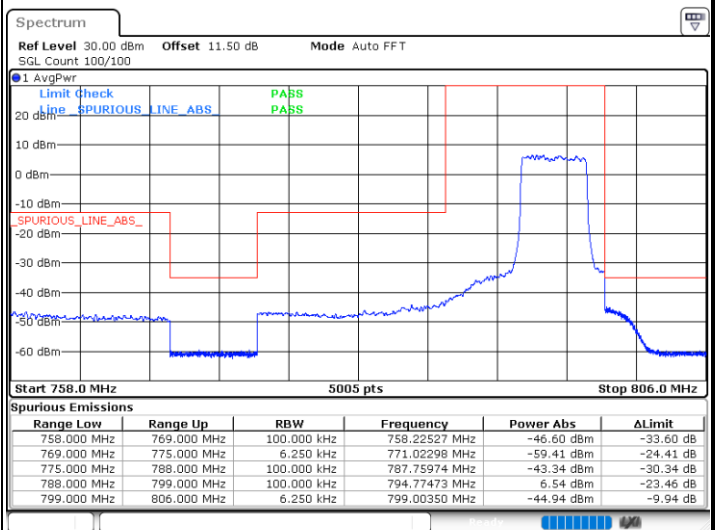
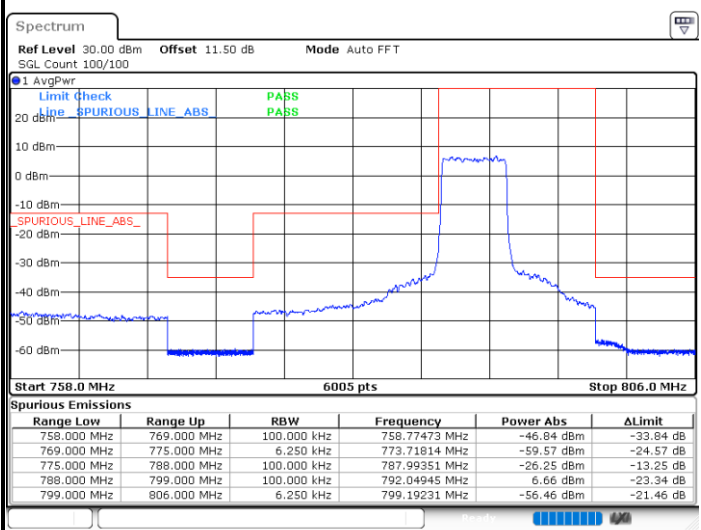


Date: 29.APR.2024 17:17:39

Date: 29.APR.2024 17:56:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



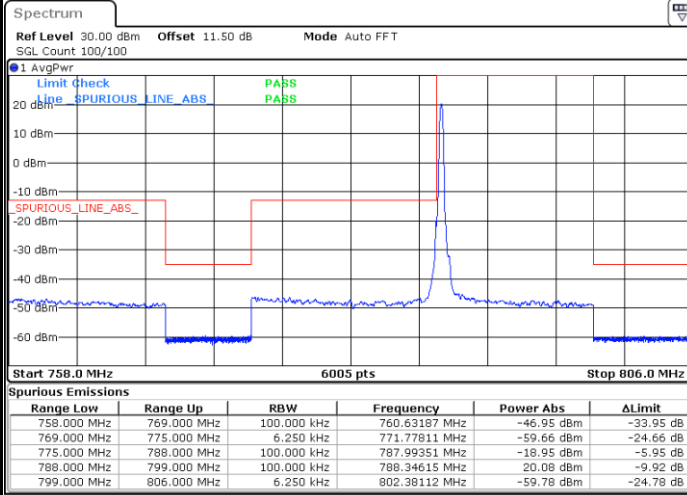
Date: 29.APR.2024 17:16:47

Date: 29.APR.2024 17:57:14



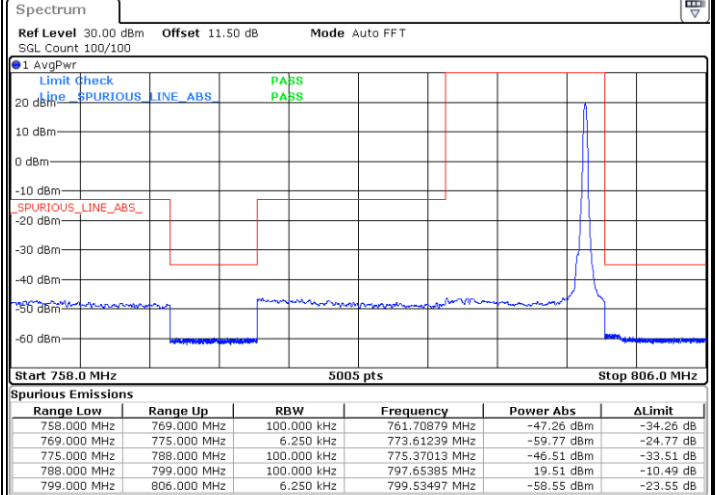
LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



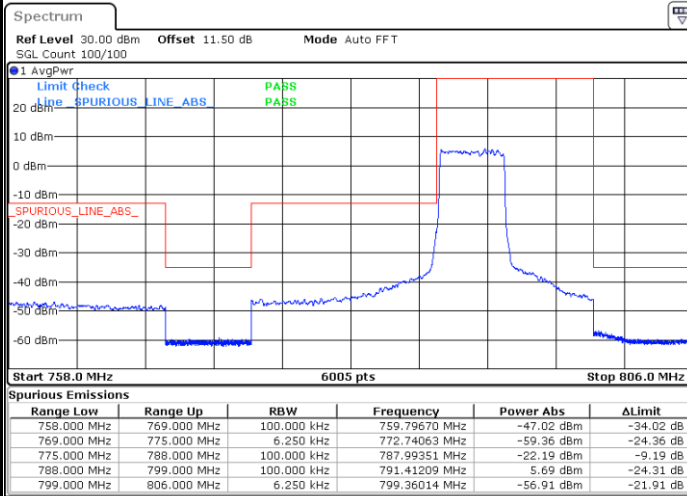
Date: 29.APR.2024 17:19:43

Highest Band Edge / 1 RB



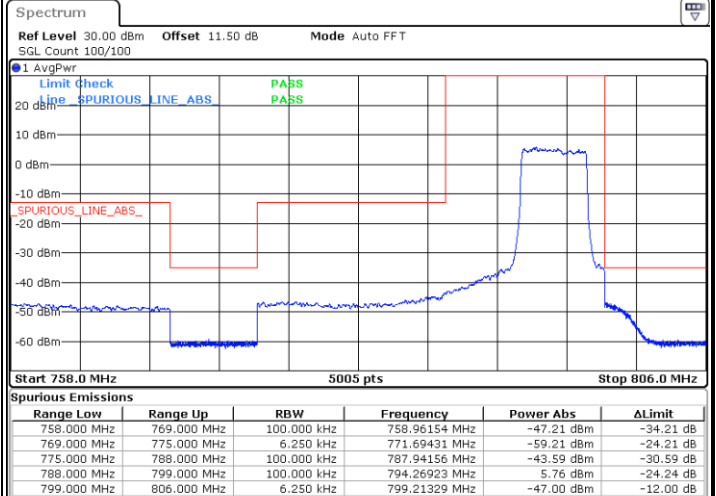
Date: 29.APR.2024 17:59:00

Lowest Band Edge / Full RB



Date: 29.APR.2024 17:20:35

Highest Band Edge / Full RB

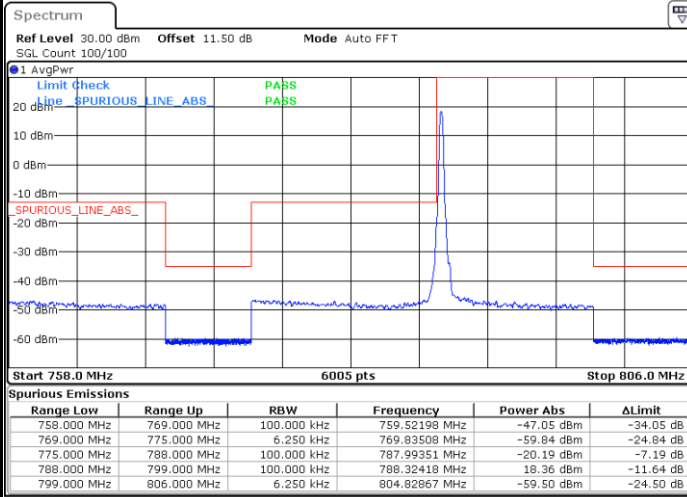


Date: 29.APR.2024 17:58:07



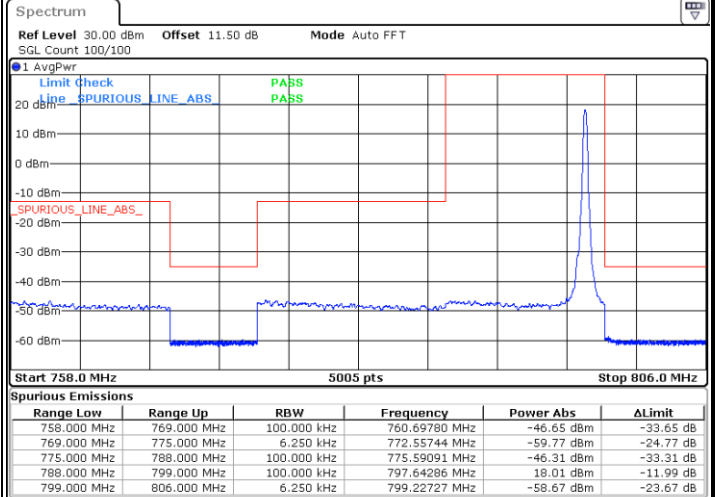
LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



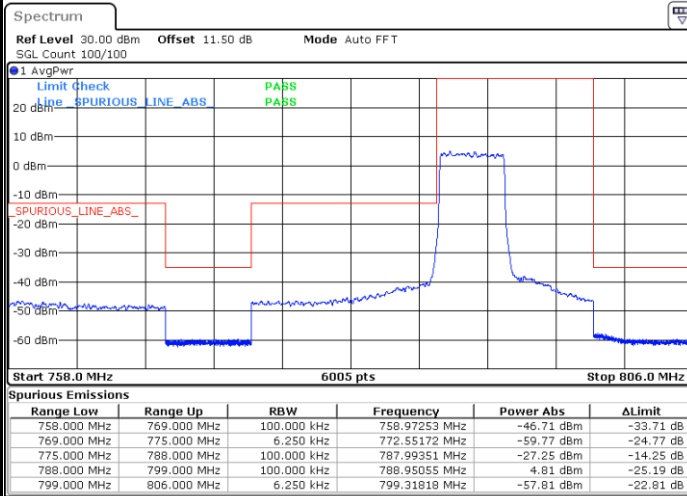
Date: 29.APR.2024 17:22:19

Highest Band Edge / 1 RB



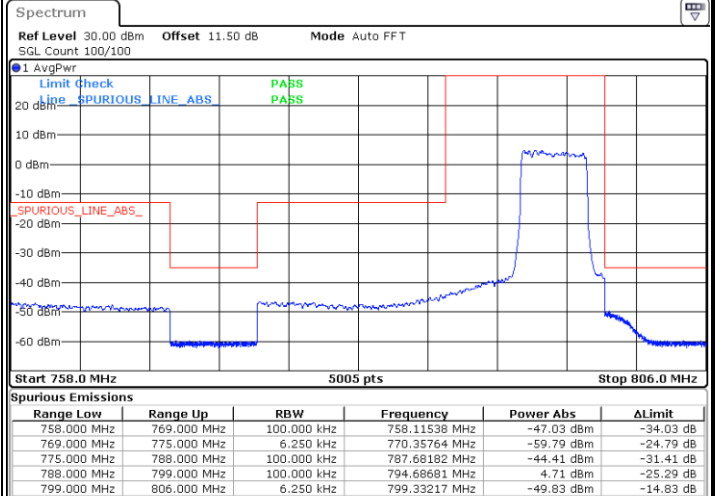
Date: 29.APR.2024 17:59:53

Lowest Band Edge / Full RB



Date: 29.APR.2024 17:21:27

Highest Band Edge / Full RB



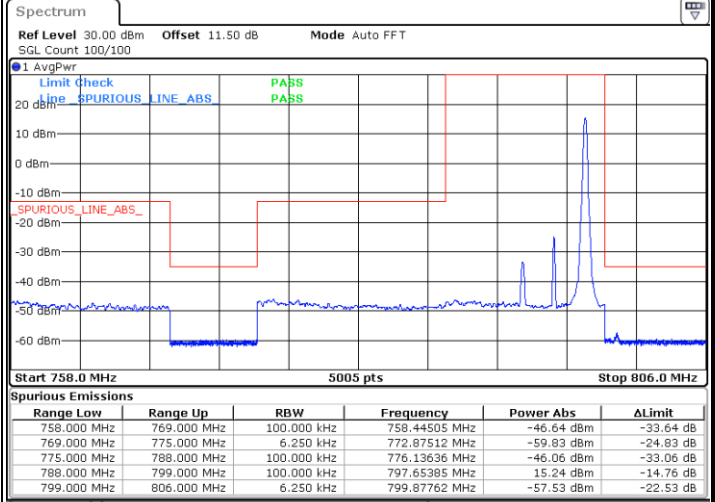
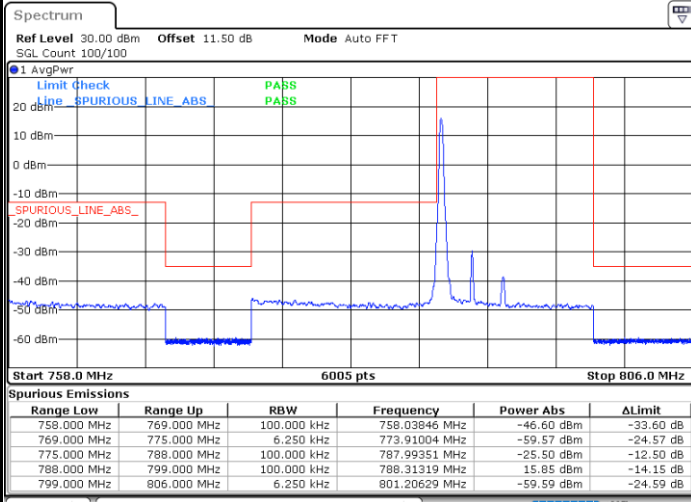
Date: 29.APR.2024 18:00:46



LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

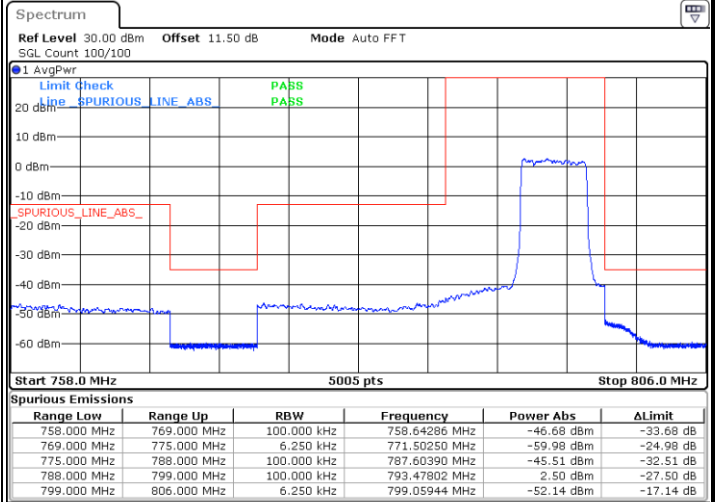
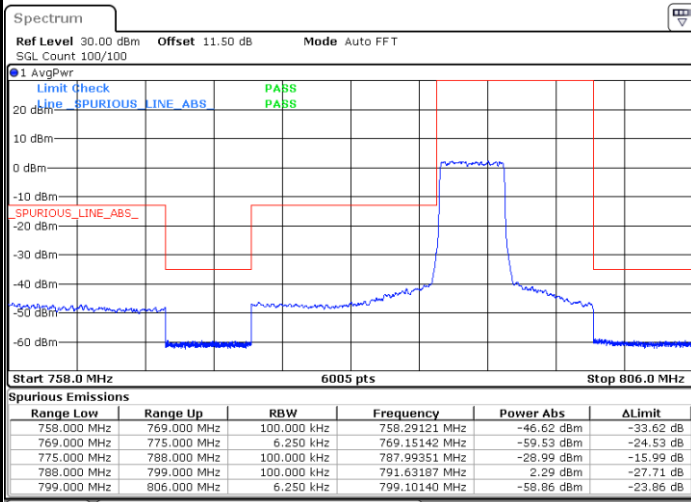


Date: 29.APR.2024 17:23:11

Date: 29.APR.2024 18:02:34

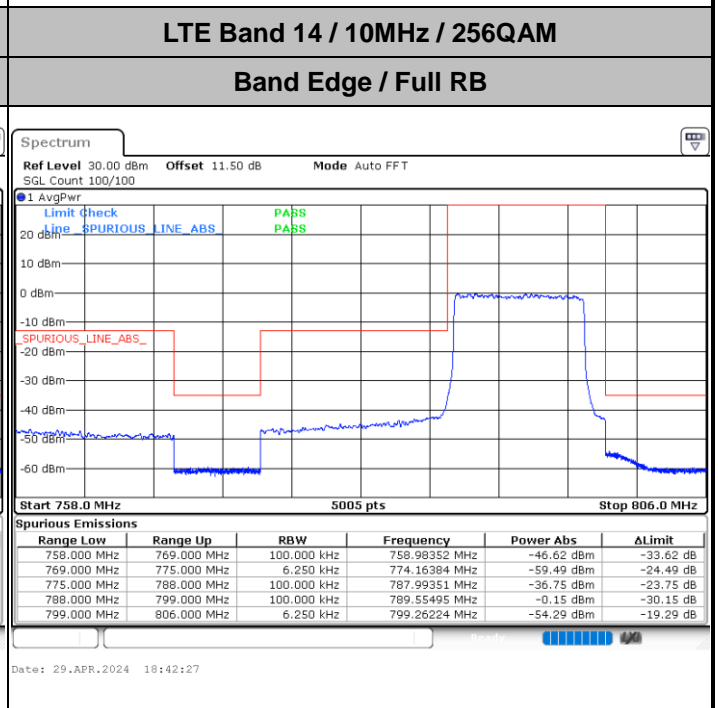
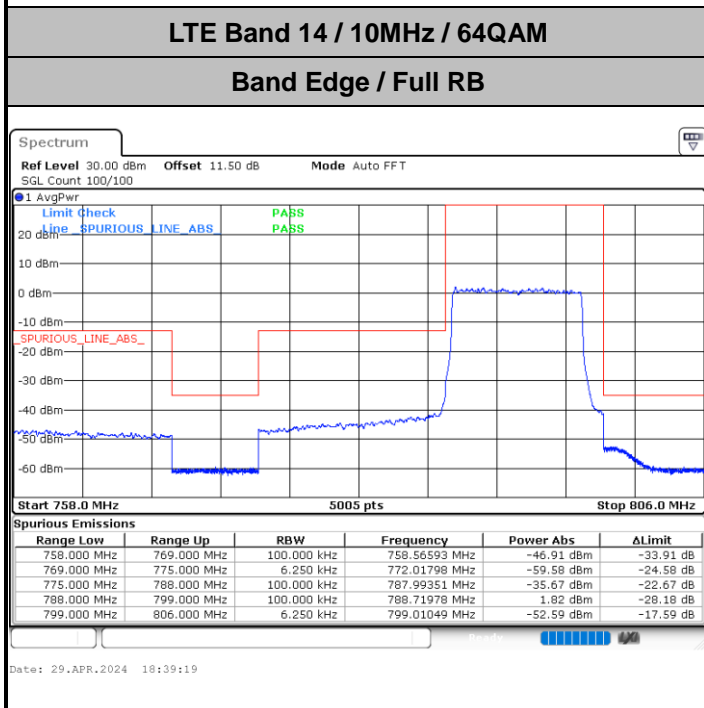
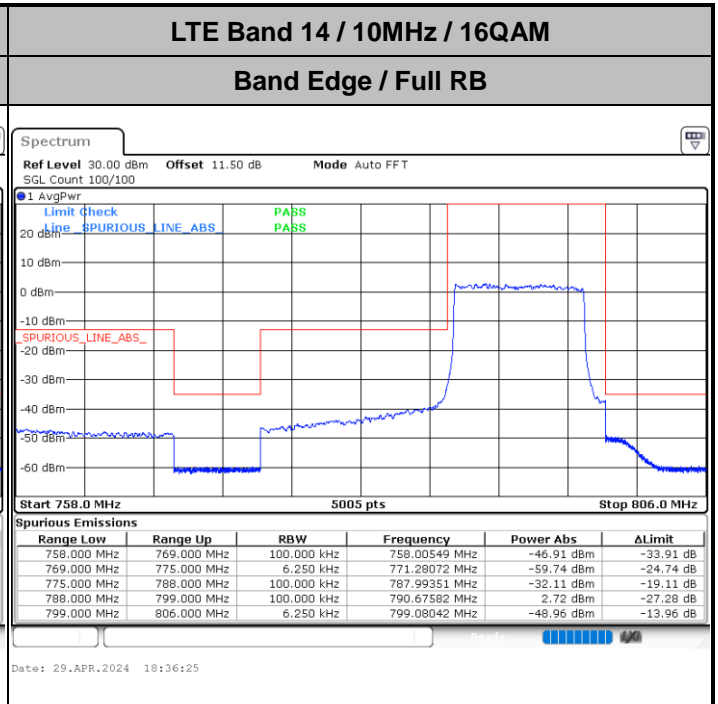
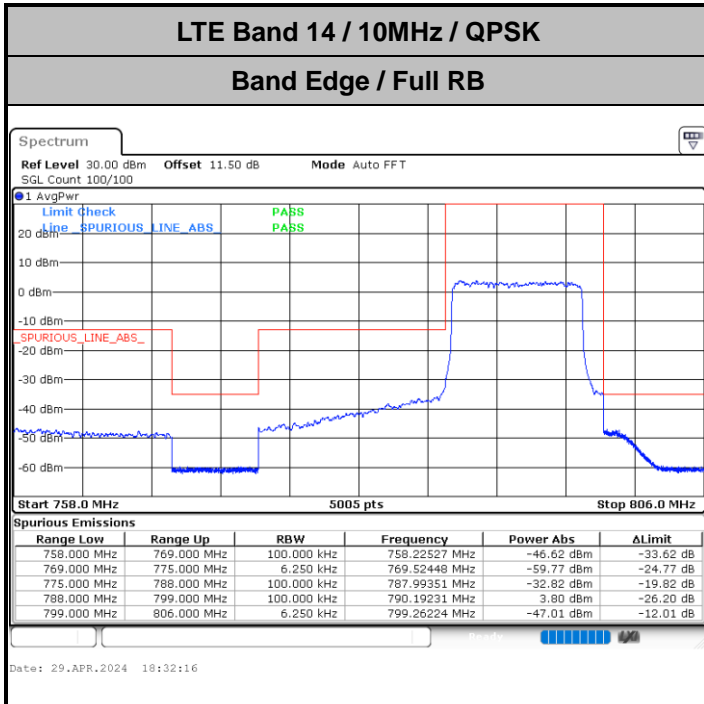
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.APR.2024 17:25:21

Date: 29.APR.2024 18:01:39



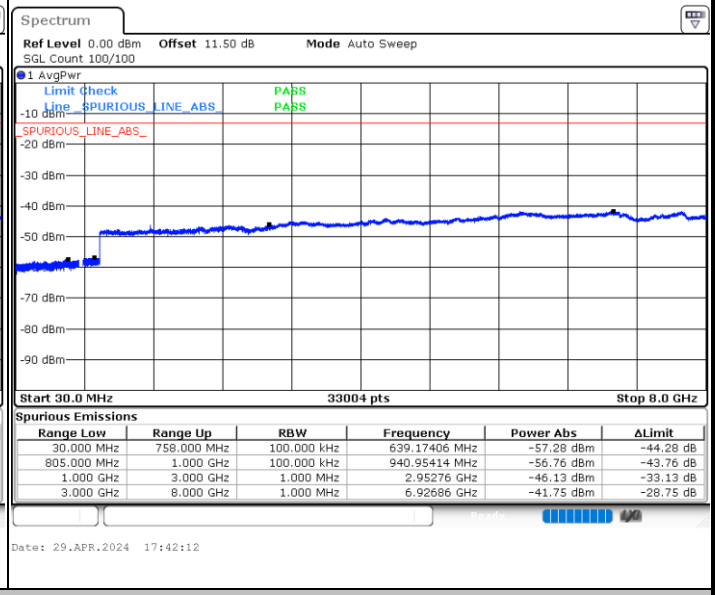
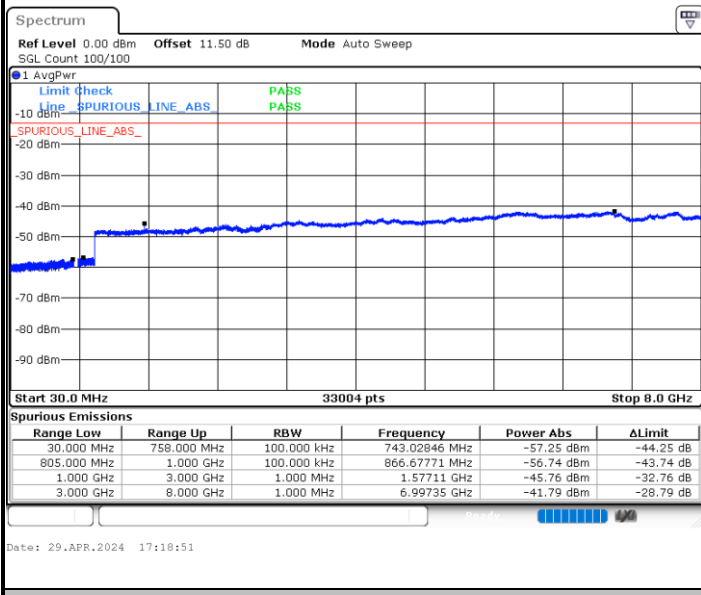


Conducted Spurious Emission

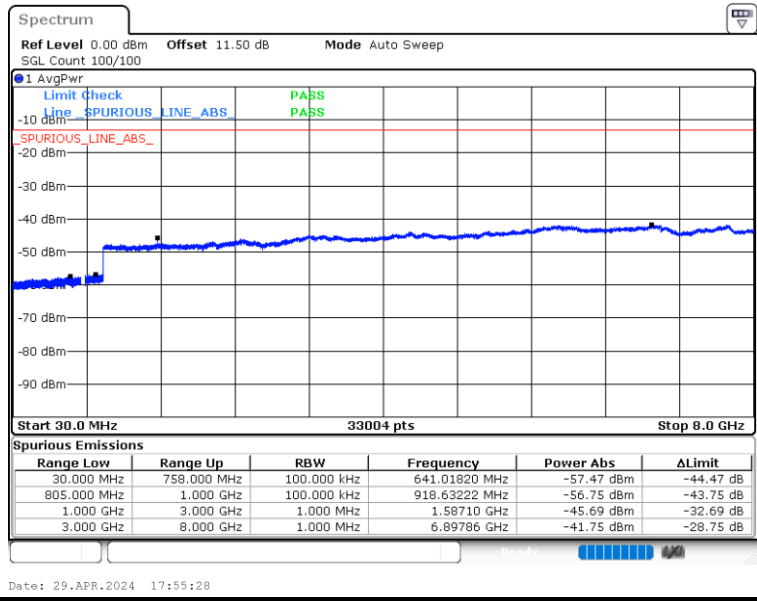
LTE Band 14 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



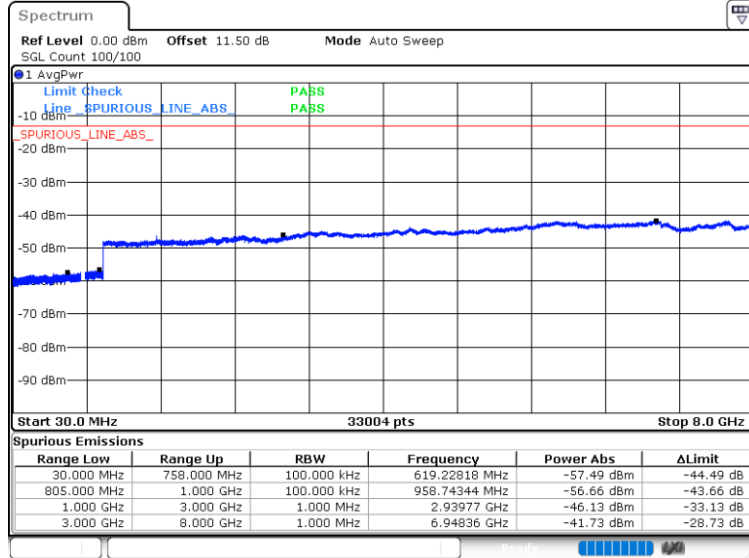
Highest Channel / QPSK





LTE Band 14 / 10MHz

Middle Channel / QPSK



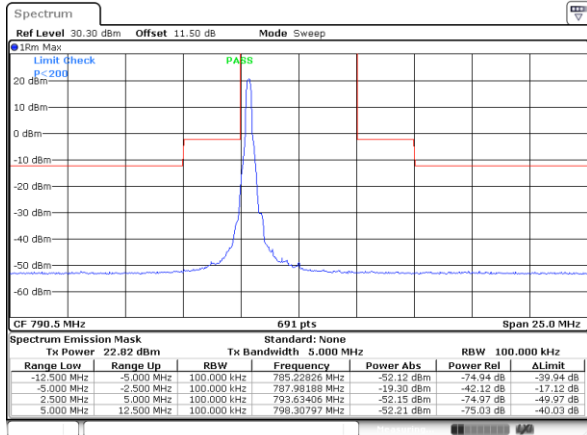
Date: 29.APR.2024 18:44:40



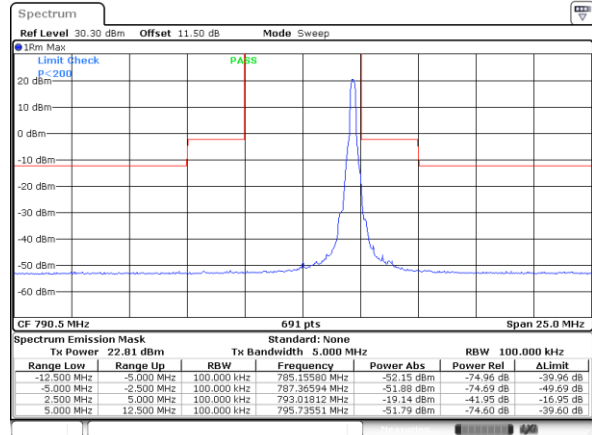
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

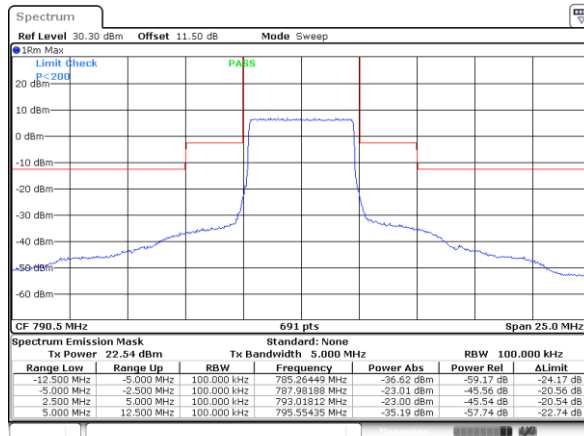


Date: 29.APR.2024 17:26:26



Date: 29.APR.2024 17:27:27

Lowest Channel / Full RB

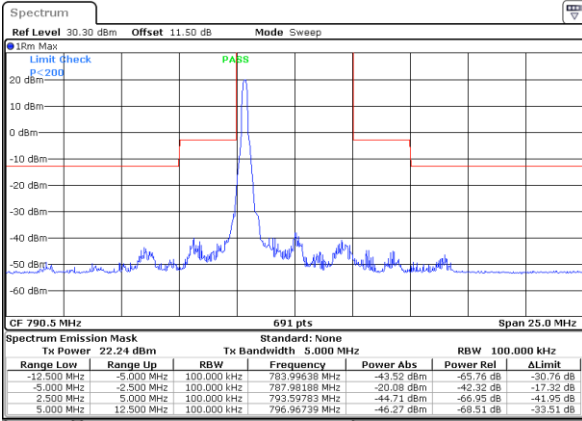


Date: 29.APR.2024 17:28:28

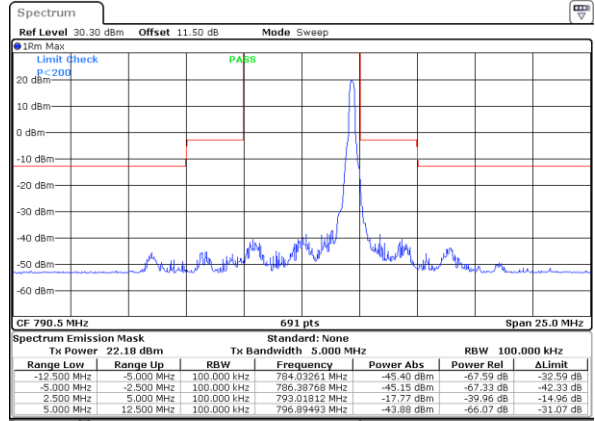


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

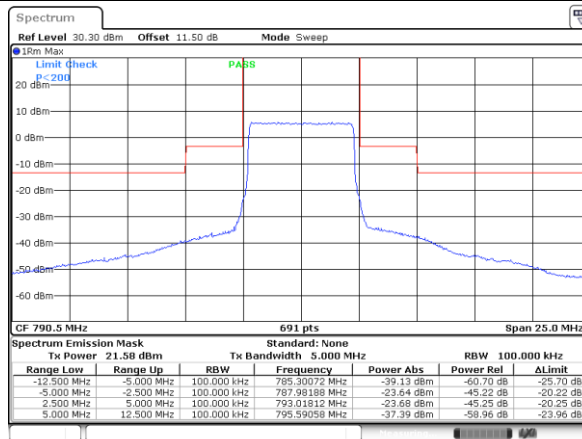


Date: 29_APR_2024 17:31:31



Date: 29_APR_2024 17:30:30

Lowest Channel / Full RB

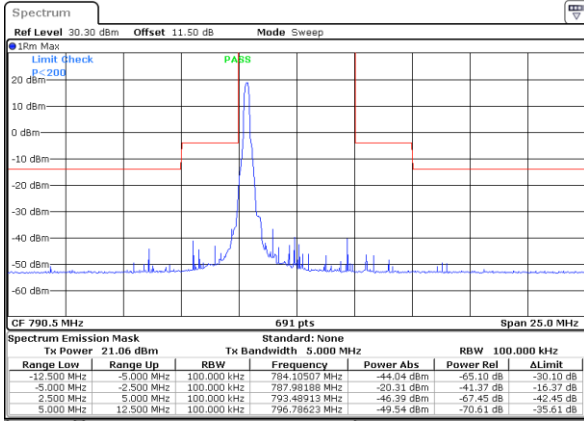


Date: 29_APR_2024 17:29:29

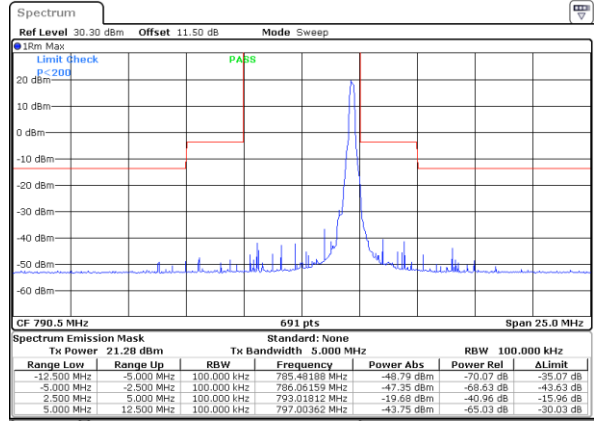


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

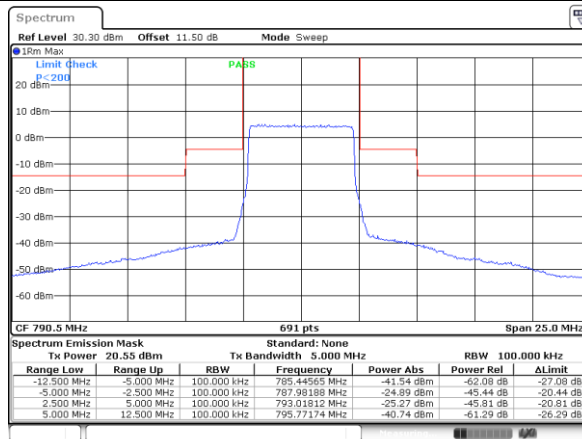


Date: 29_APR_2024 17:32:33



Date: 29_APR_2024 17:33:34

Lowest Channel / Full RB

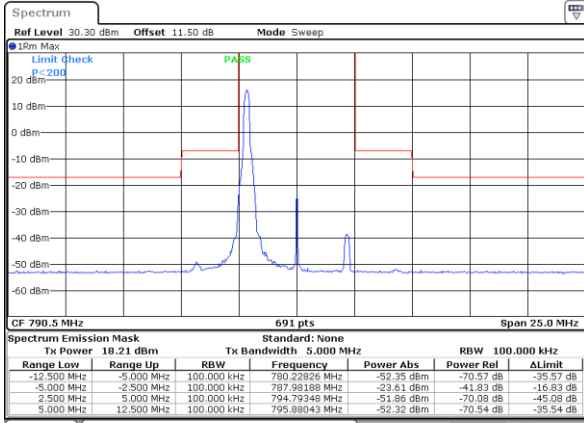


Date: 29_APR_2024 17:34:35

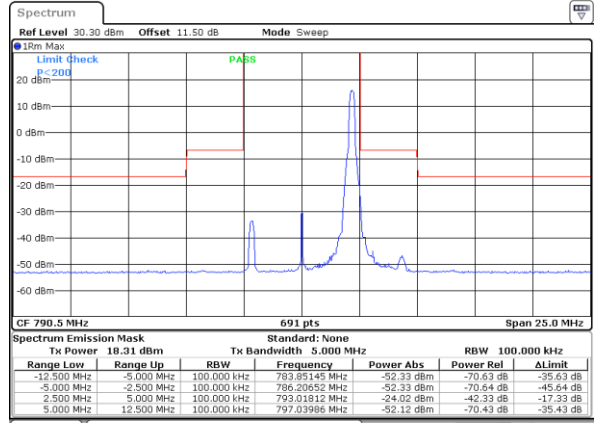


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

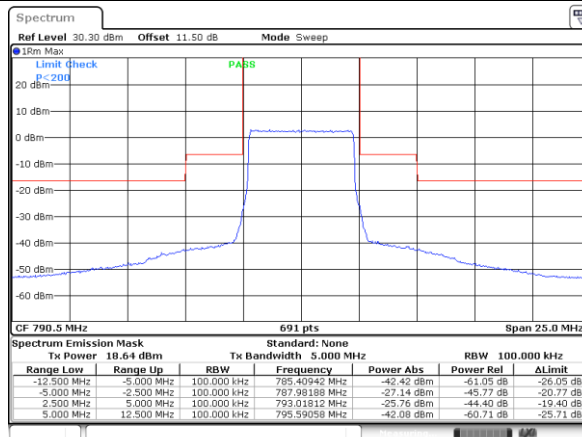


Date: 29_APR_2024 17:37:44



Date: 29_APR_2024 17:36:40

Lowest Channel / Full RB

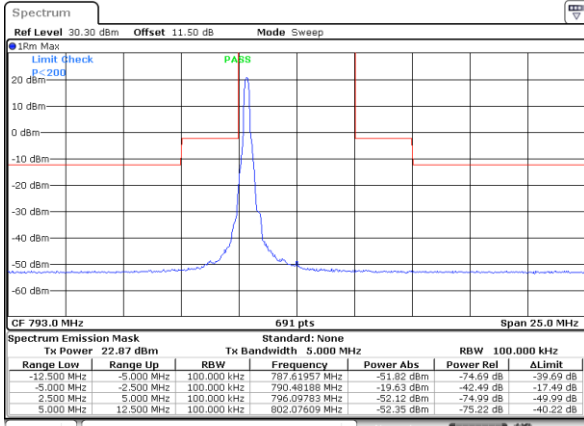


Date: 29_APR_2024 17:35:36

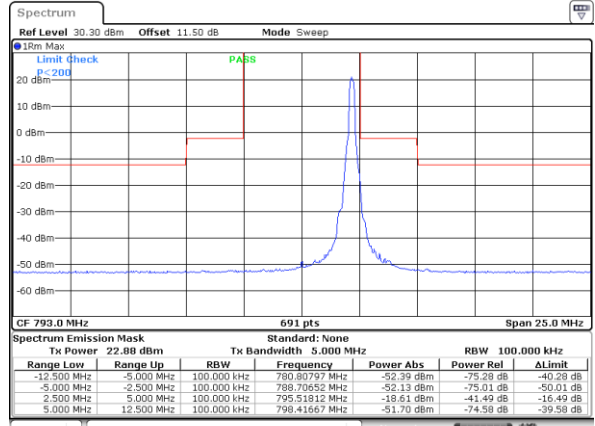


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

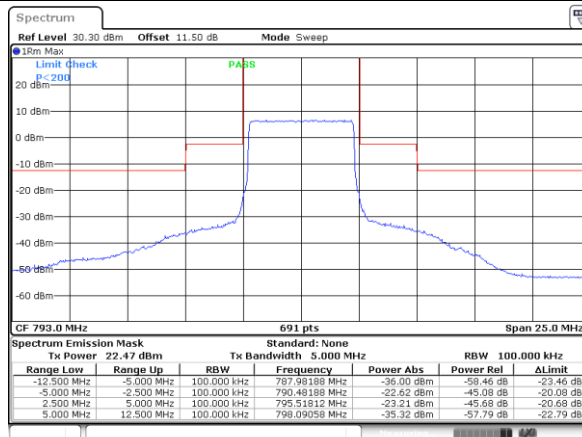


Date: 29_APR_2024 17:43:12



Date: 29_APR_2024 17:44:13

Middle Channel / Full RB

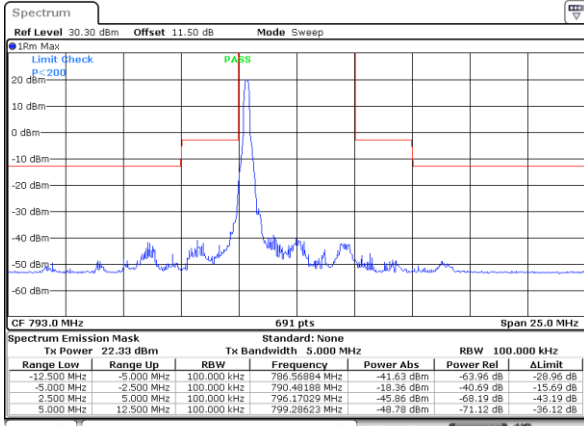


Date: 29_APR_2024 17:45:13

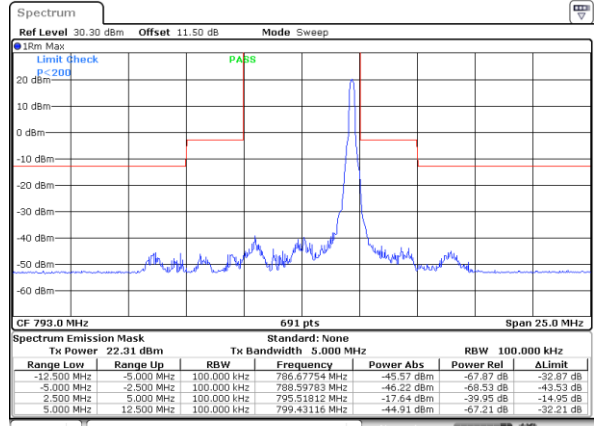


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

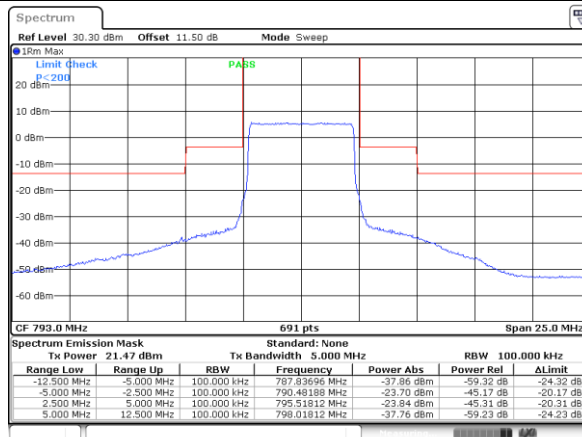


Date: 29_APR_2024 17:48:14



Date: 29_APR_2024 17:47:14

Middle Channel / Full RB

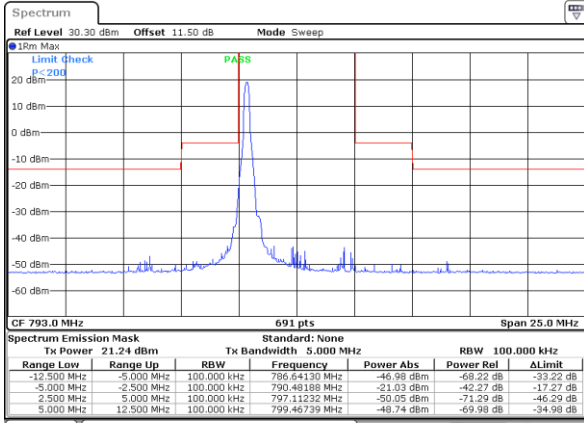


Date: 29_APR_2024 17:46:13

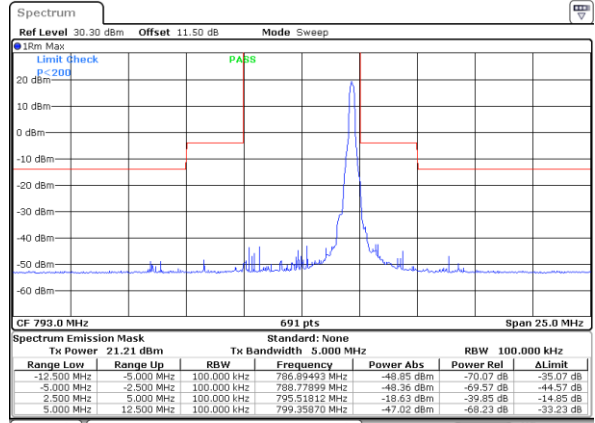


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

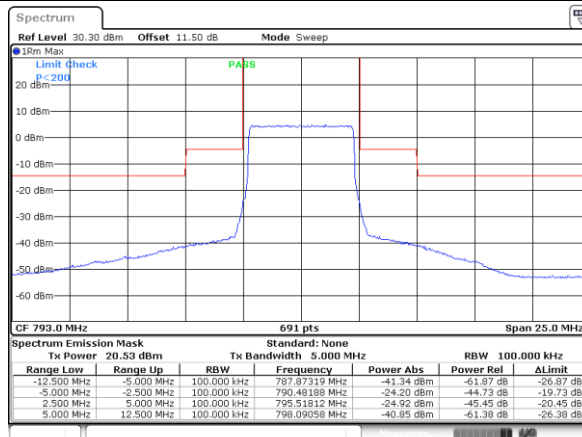


Date: 29_APR_2024 17:49:15



Date: 29_APR_2024 17:50:15

Middle Channel / Full RB

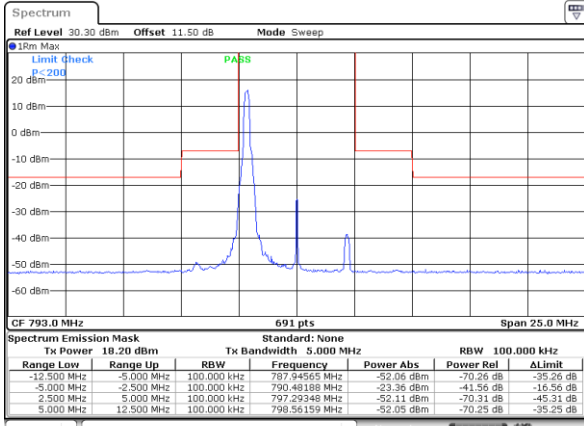


Date: 29_APR_2024 17:51:16

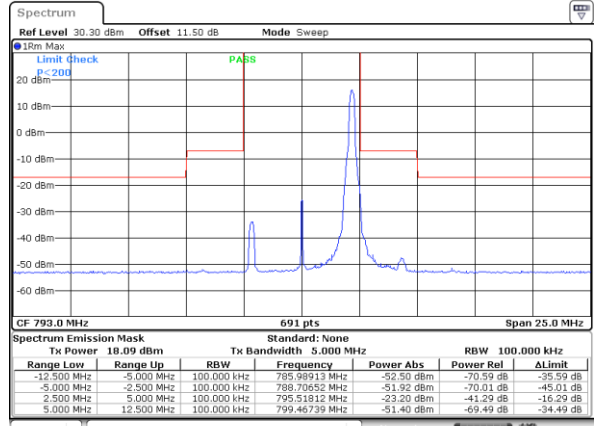


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

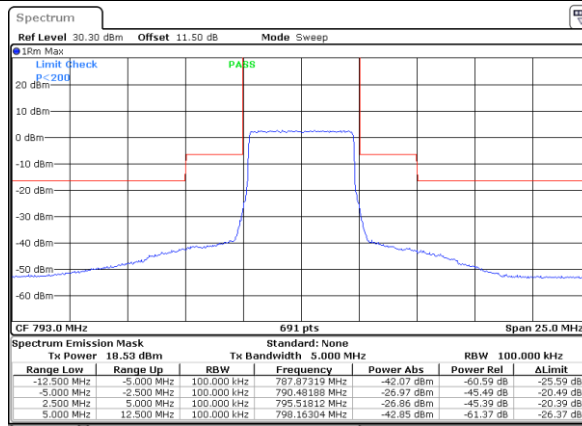


Date: 29_APR_2024 17:54:17



Date: 29_APR_2024 17:53:17

Middle Channel / Full RB

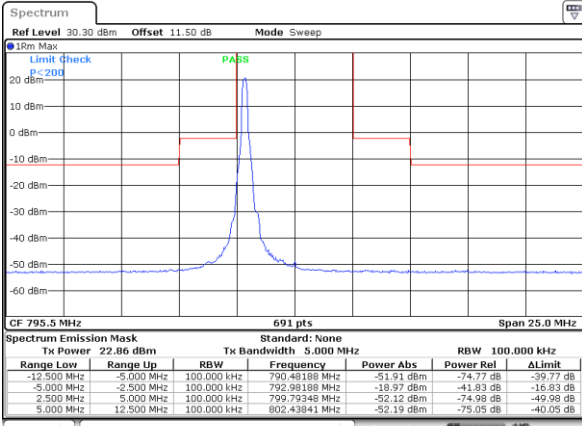


Date: 29_APR_2024 17:52:17

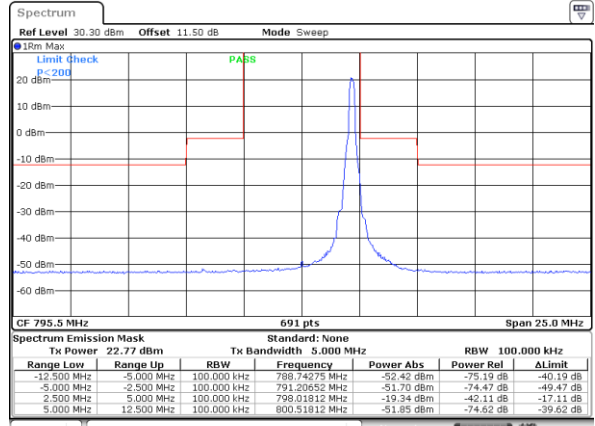


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

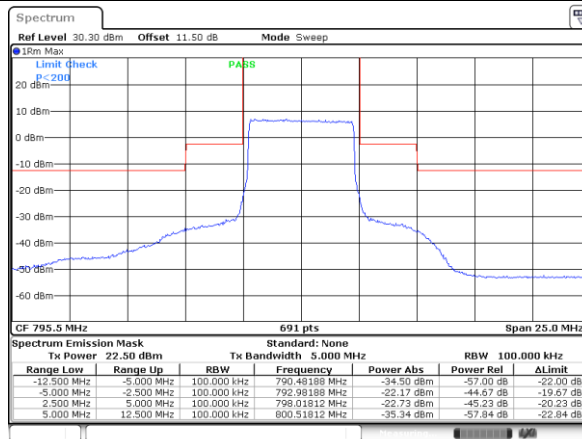


Date: 29_APR_2024 18:03:39



Date: 29_APR_2024 18:04:40

Highest Channel / Full RB

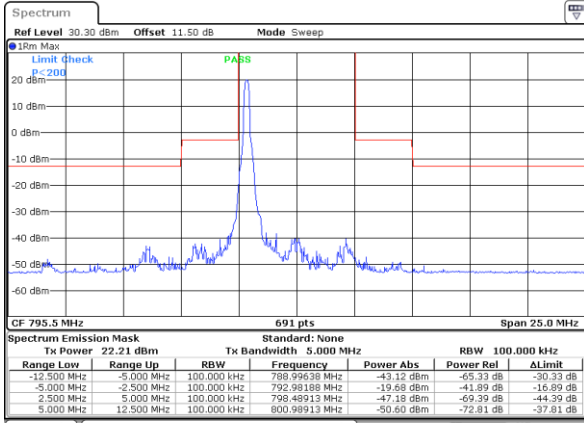


Date: 29_APR_2024 18:05:42

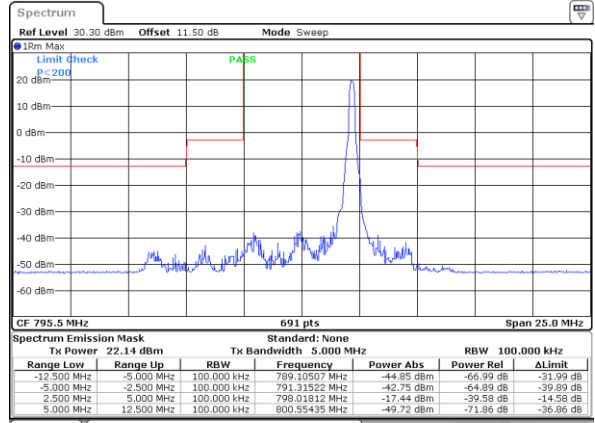


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

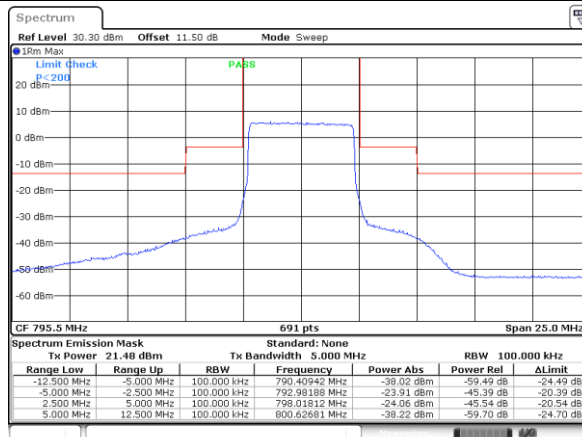


Date: 29_APR_2024 18:08:46



Date: 29_APR_2024 18:07:45

Highest Channel / Full RB

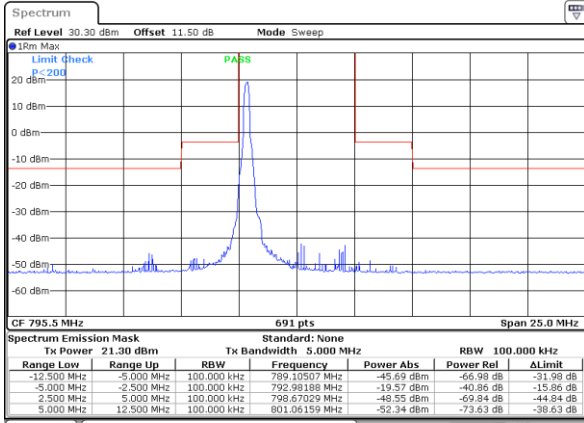


Date: 29_APR_2024 18:06:43

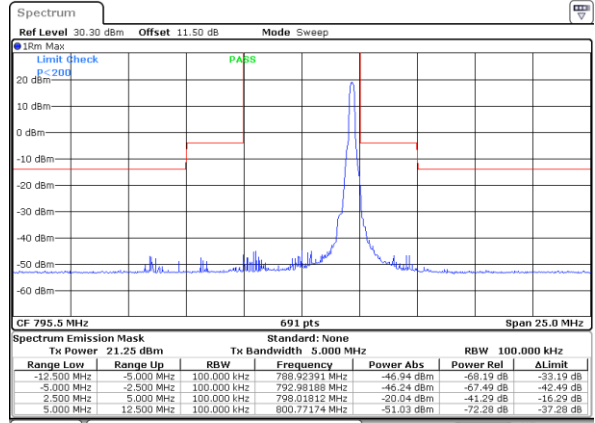


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

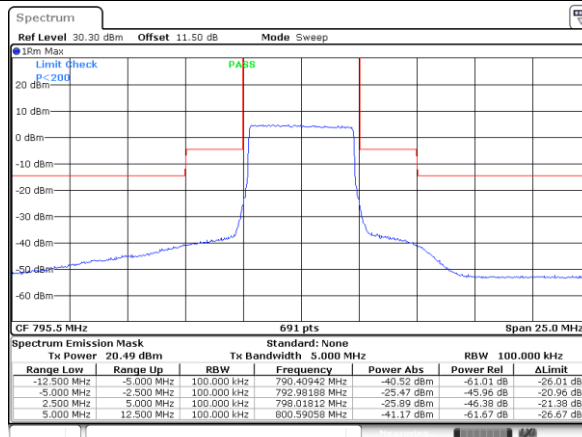


Date: 29_APR.2024 18:09:48



Date: 29_APR.2024 18:10:49

Highest Channel / Full RB



Date: 29_APR.2024 18:11:50