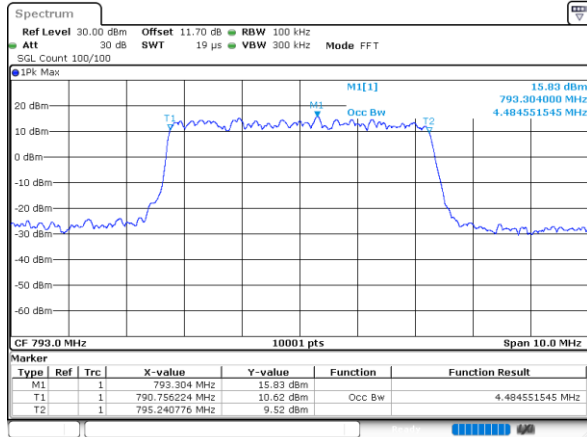


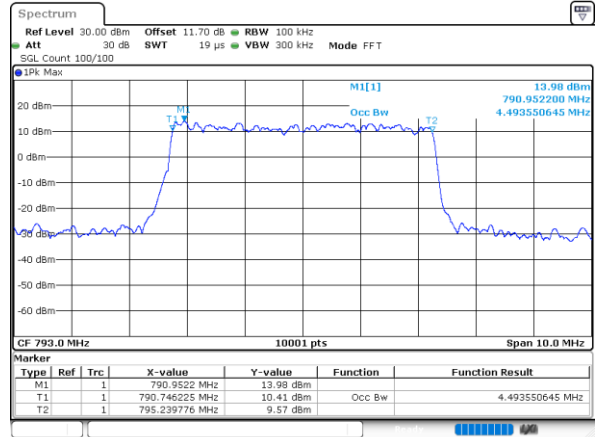


LTE Band 14

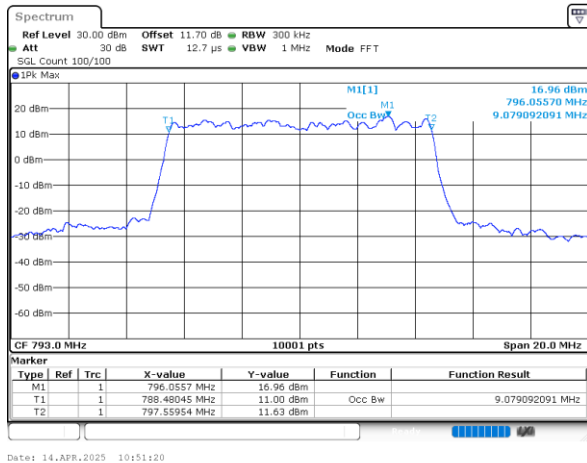
Middle Channel / 5MHz / QPSK



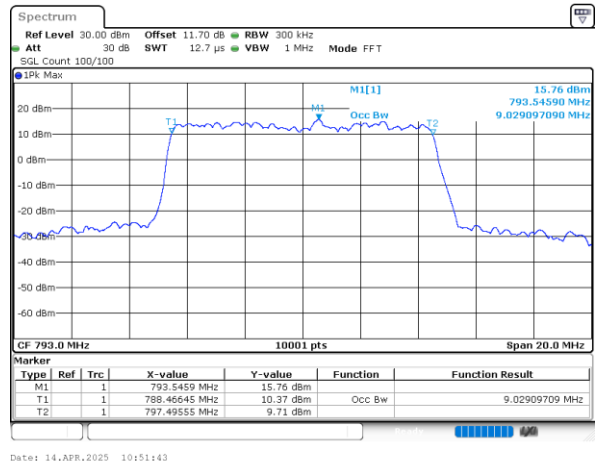
Middle Channel / 5MHz / 16QAM



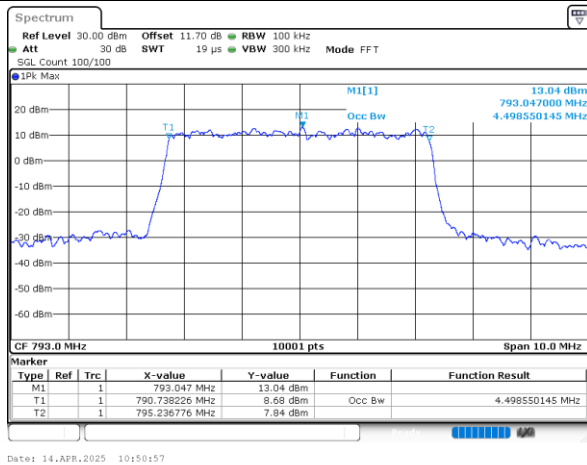
Middle Channel / 10MHz / QPSK



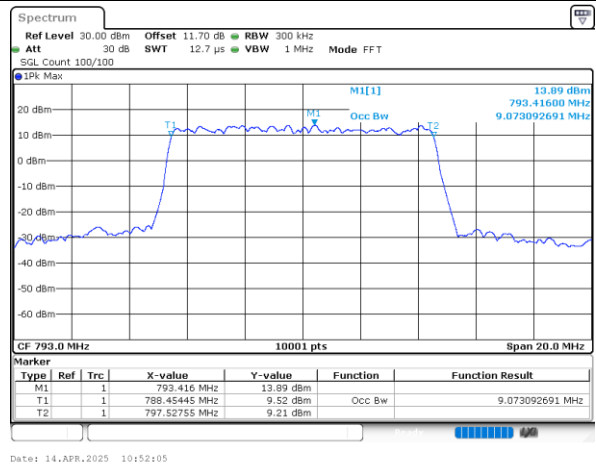
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

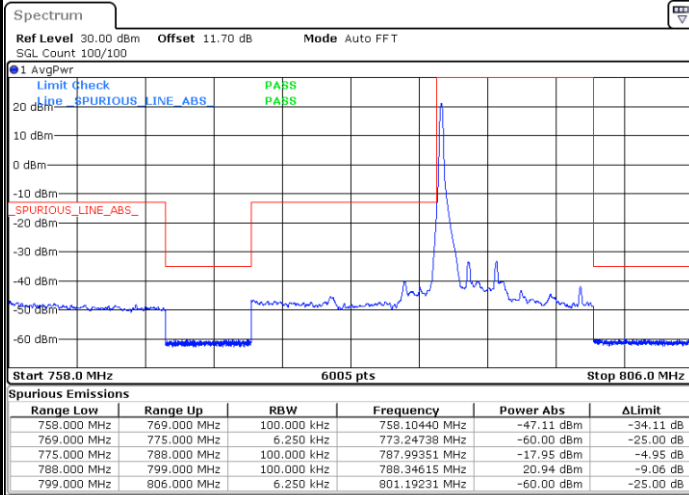




Conducted Band Edge

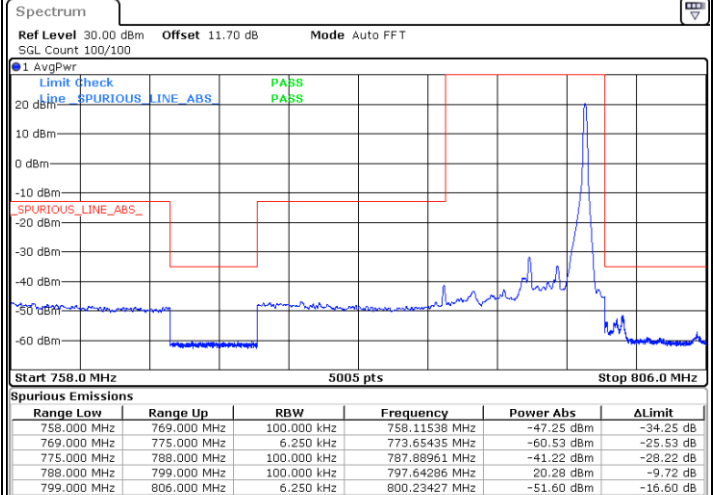
LTE Band 14 / 5MHz / QPSK

Lowest Band Edge / 1 RB



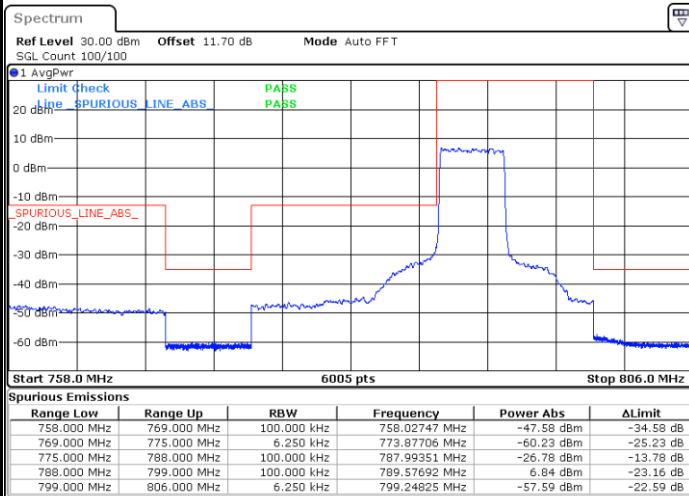
Date: 14.APR.2025 10:04:14

Highest Band Edge / 1 RB



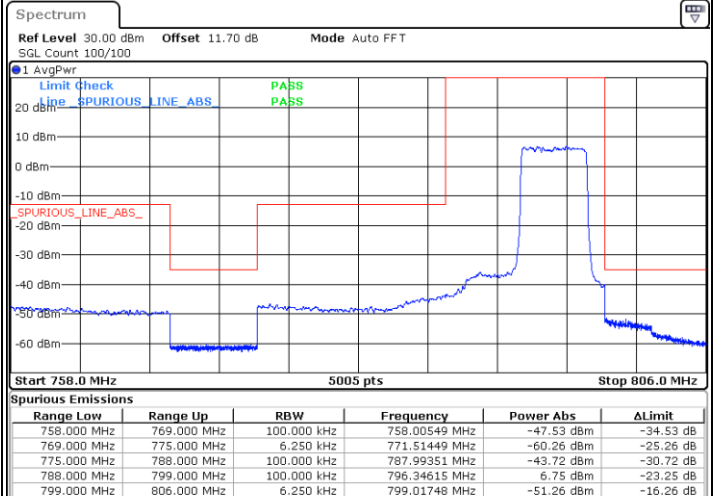
Date: 14.APR.2025 10:09:30

Lowest Band Edge / Full RB



Date: 14.APR.2025 10:01:36

Highest Band Edge / Full RB

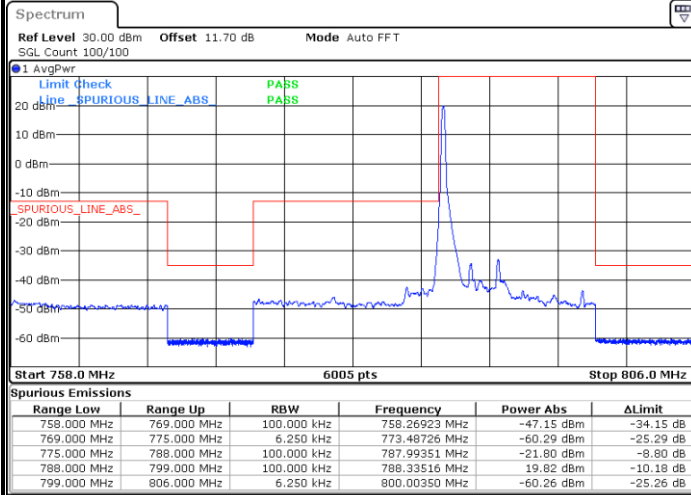


Date: 14.APR.2025 10:06:52

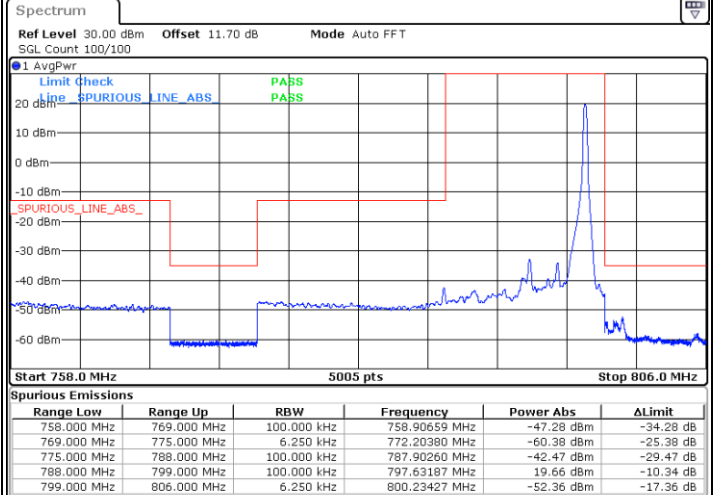


LTE Band 14 / 5MHz / 16QAM

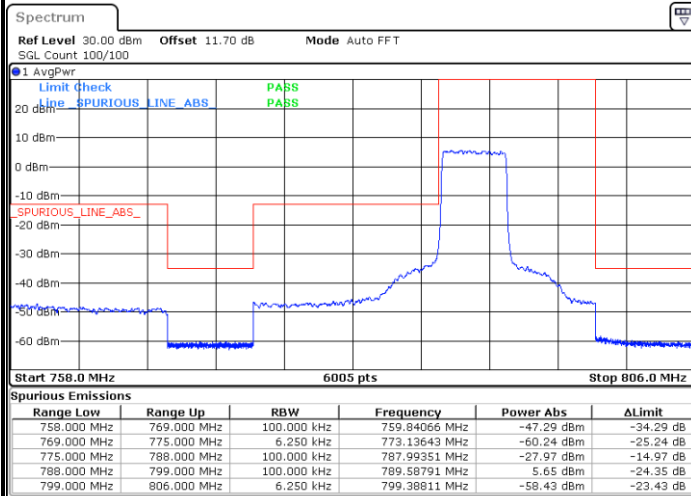
Lowest Band Edge / 1 RB



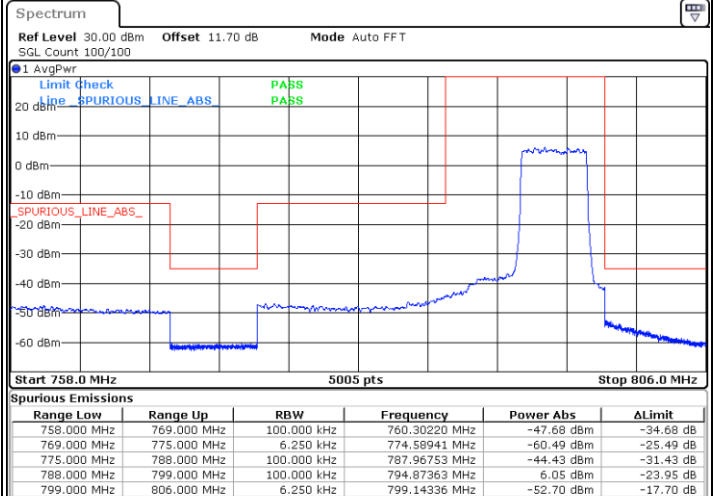
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



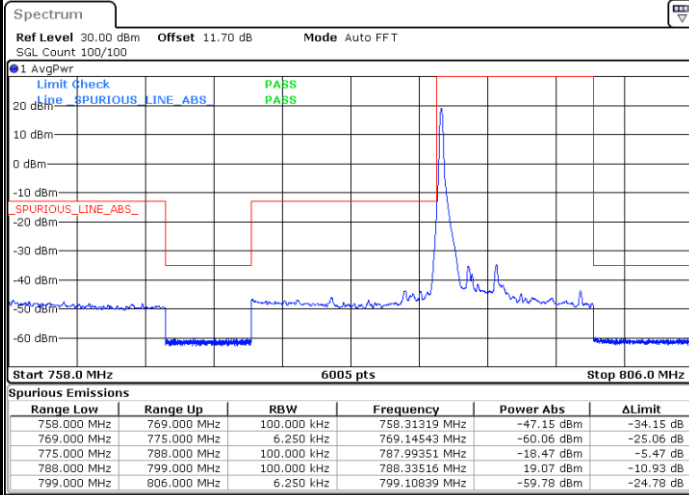
Highest Band Edge / Full RB



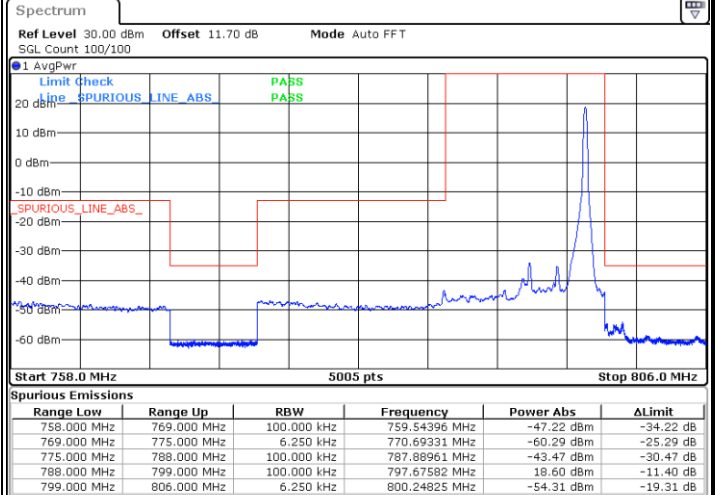


LTE Band 14 / 5MHz / 64QAM

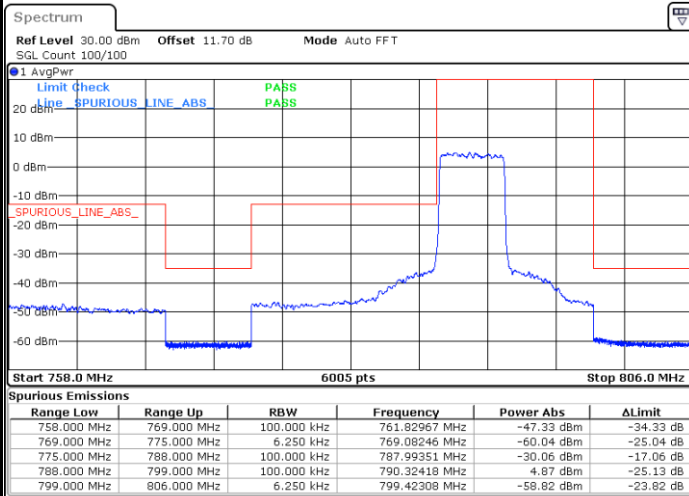
Lowest Band Edge / 1 RB



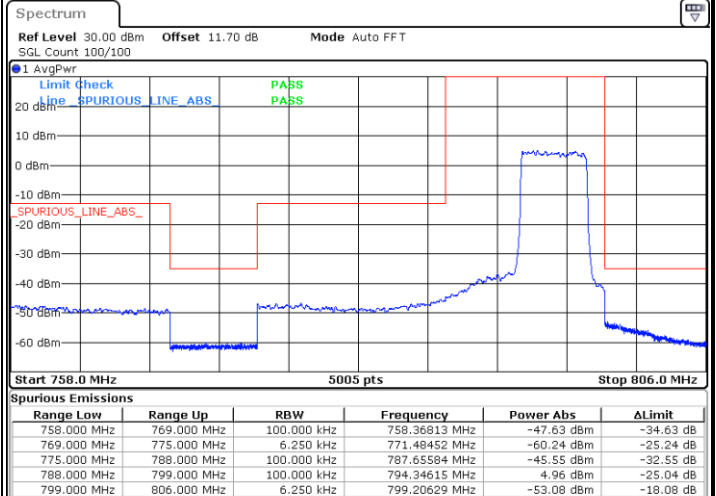
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

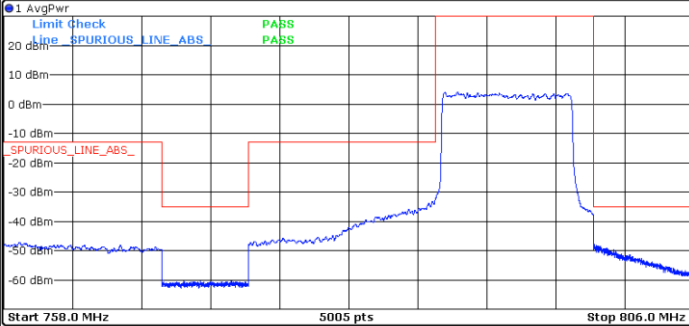




LTE Band 14 / 10MHz / QPSK

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 11.70 dB Mode Auto FFT
SGL Count 100/100

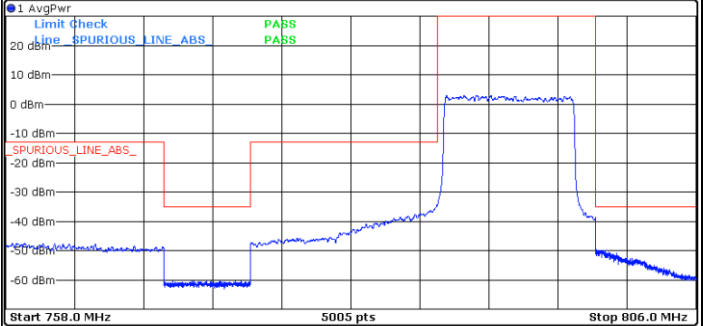
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	759.09341 MHz	-47.32 dBm	-34.32 dB
769.000 MHz	775.000 MHz	6.250 kHz	770.52547 MHz	-60.32 dBm	-25.32 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.99351 MHz	-32.51 dBm	-19.51 dB
788.000 MHz	799.000 MHz	100.000 kHz	789.54396 MHz	4.11 dBm	-25.89 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.05245 MHz	-47.99 dBm	-12.99 dB

Date: 14.APR.2025 10:12:08

LTE Band 14 / 10MHz / 16QAM

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 11.70 dB Mode Auto FFT
SGL Count 100/100

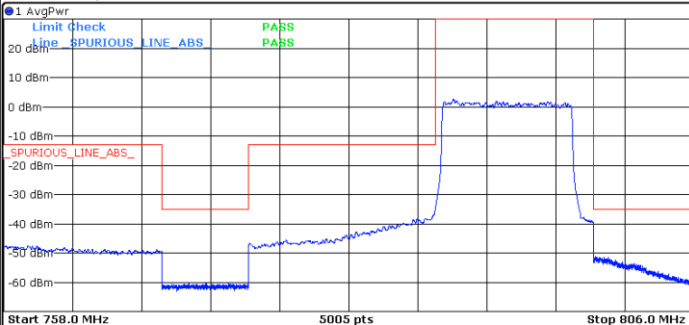
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	758.76374 MHz	-47.48 dBm	-34.48 dB
769.000 MHz	775.000 MHz	6.250 kHz	771.07093 MHz	-60.44 dBm	-25.44 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.99351 MHz	-34.20 dBm	-21.20 dB
788.000 MHz	799.000 MHz	100.000 kHz	790.77473 MHz	2.95 dBm	-27.05 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.08042 MHz	-49.80 dBm	-14.80 dB

Date: 14.APR.2025 10:13:00

LTE Band 14 / 10MHz / 64QAM

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 11.70 dB Mode Auto FFT
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	759.68681 MHz	-47.49 dBm	-34.49 dB
769.000 MHz	775.000 MHz	6.250 kHz	772.05994 MHz	-60.42 dBm	-25.42 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.99351 MHz	-35.39 dBm	-22.39 dB
788.000 MHz	799.000 MHz	100.000 kHz	789.26923 MHz	2.43 dBm	-27.57 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.10140 MHz	-51.25 dBm	-16.25 dB

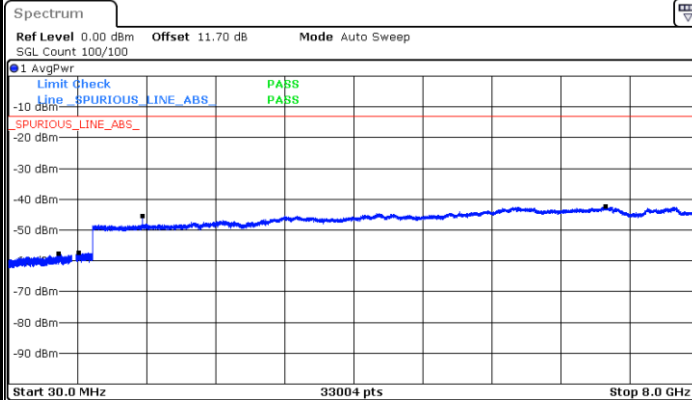
Date: 14.APR.2025 10:13:52



Conducted Spurious Emission

LTE Band 14 / 5MHz

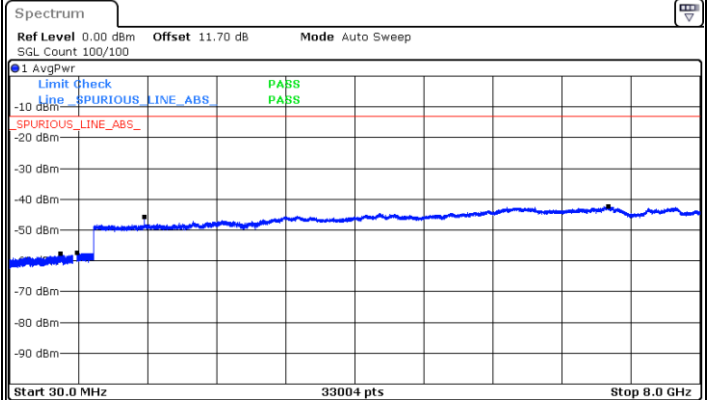
Lowest Channel / QPSK



Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	758.000 MHz	100.000 kHz	605.83388 MHz	-57.68 dBm	-44.68 dB
805.000 MHz	1.000 GHz	100.000 kHz	841.52899 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.57711 GHz	-45.37 dBm	-32.37 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.91686 GHz	-42.43 dBm	-29.43 dB

Date: 14.APR.2025 10:57:57

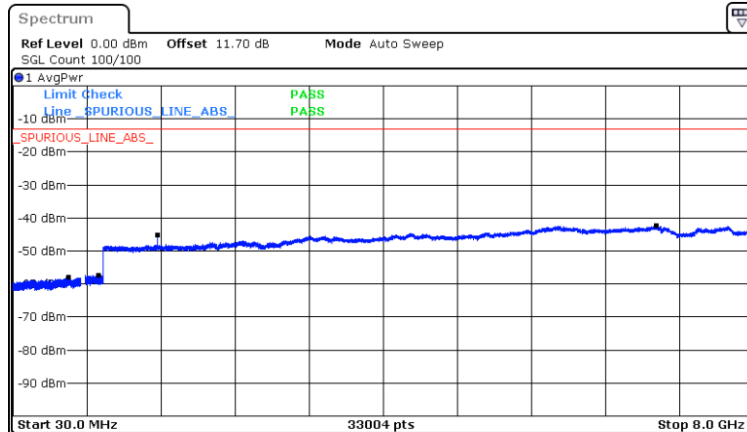
Middle Channel / QPSK



Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	758.000 MHz	100.000 kHz	617.48110 MHz	-57.76 dBm	-44.76 dB
805.000 MHz	1.000 GHz	100.000 kHz	809.89815 MHz	-57.39 dBm	-44.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.58210 GHz	-45.83 dBm	-32.83 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.93636 GHz	-42.41 dBm	-29.41 dB

Date: 14.APR.2025 10:59:09

Highest Channel / QPSK



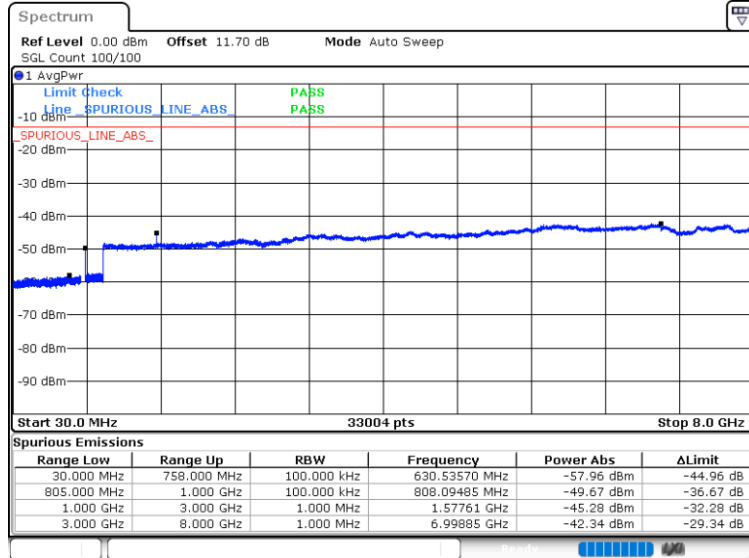
Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	758.000 MHz	100.000 kHz	627.33271 MHz	-57.93 dBm	-44.93 dB
805.000 MHz	1.000 GHz	100.000 kHz	944.95064 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.58710 GHz	-45.16 dBm	-32.16 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.95235 GHz	-42.43 dBm	-29.43 dB

Date: 14.APR.2025 11:00:22

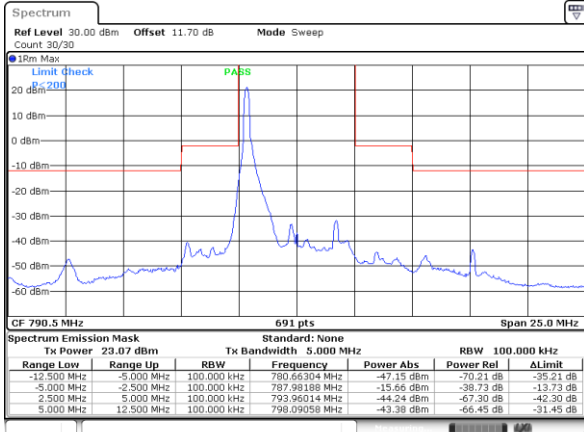


LTE Band 14 / 10MHz

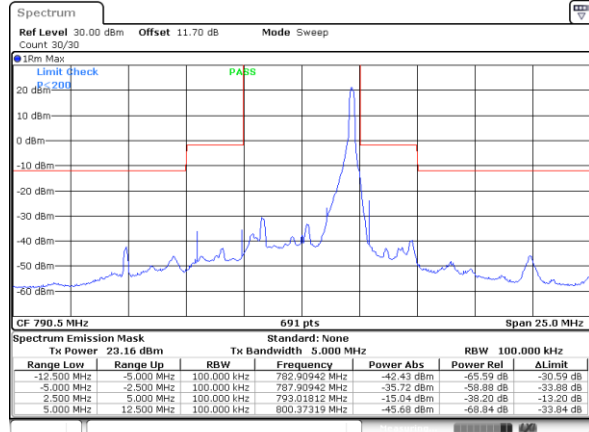
Middle Channel / QPSK



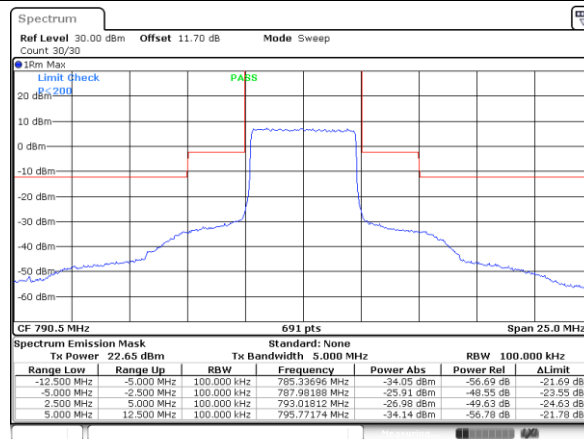
Date: 14.APR.2025 11:01:35

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

Date: 14.APR.2025 10:18:40



Date: 14.APR.2025 10:22:16

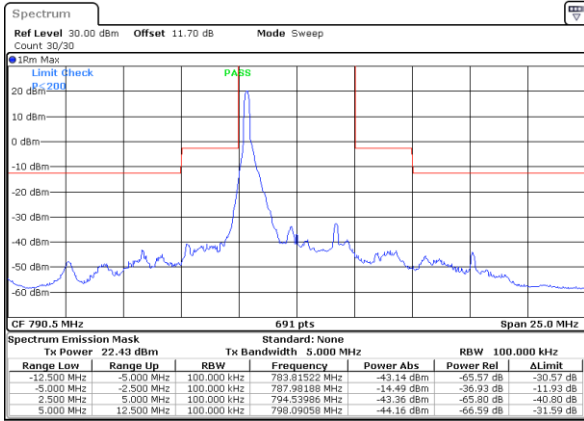
Lowest Channel / Full RB

Date: 14.APR.2025 10:15:04

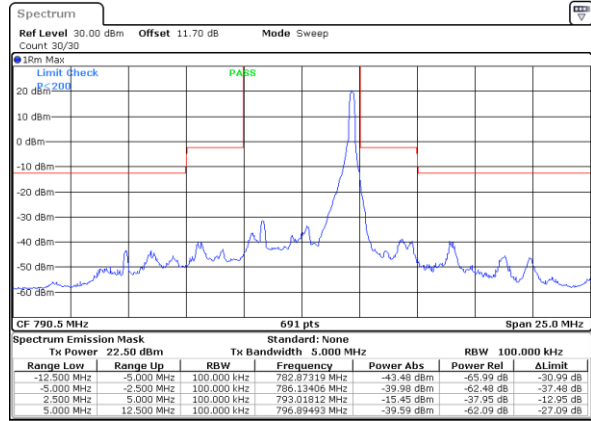


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

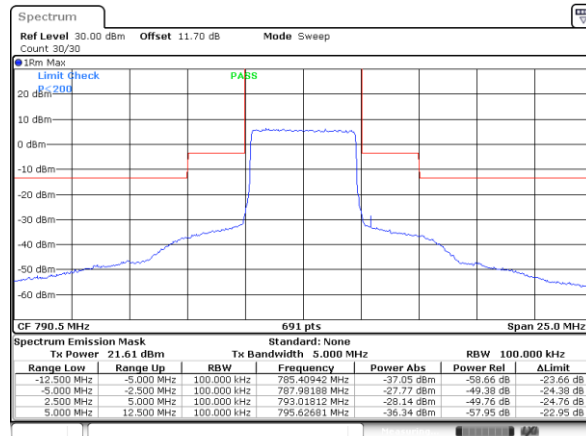


Date: 14.APR.2025 10:19:52



Date: 14.APR.2025 10:23:28

Lowest Channel / Full RB

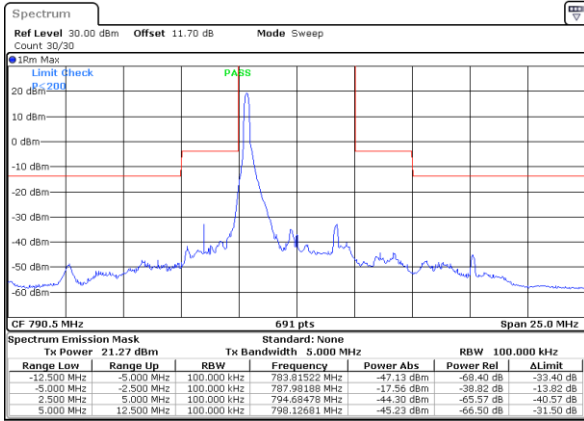


Date: 14.APR.2025 10:16:16

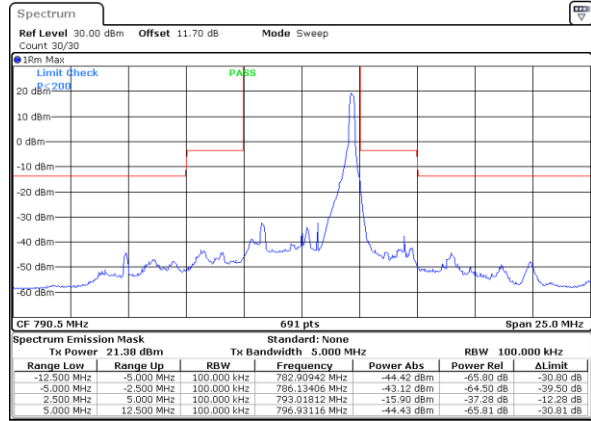


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

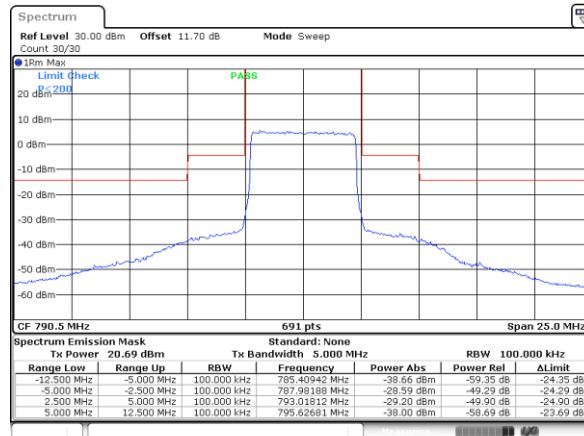


Date: 14.APR.2025 10:21:04



Date: 14.APR.2025 10:24:40

Lowest Channel / Full RB

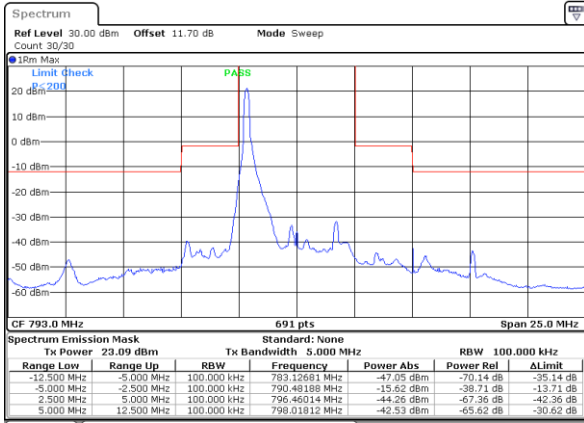


Date: 14.APR.2025 10:17:28

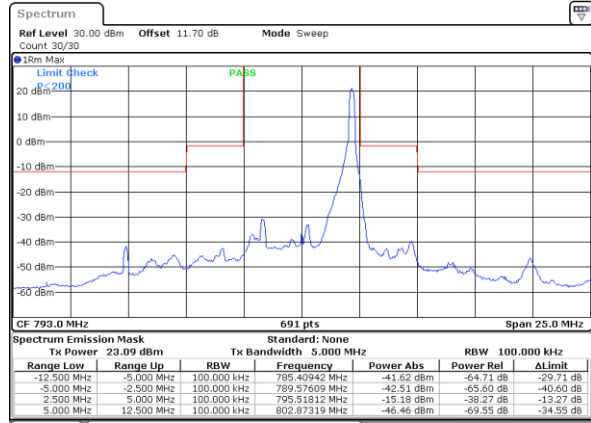


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

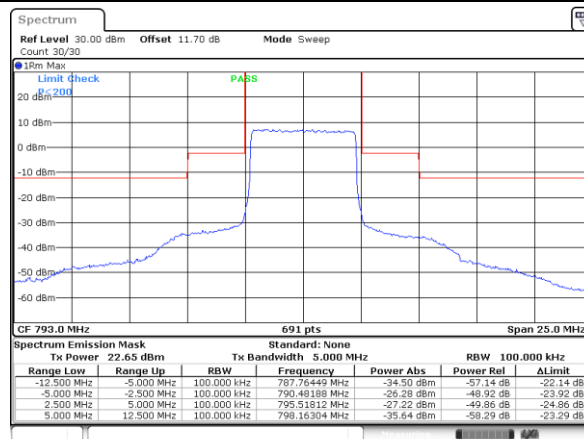


Date: 14.APR.2025 10:29:26



Date: 14.APR.2025 10:33:01

Middle Channel / Full RB

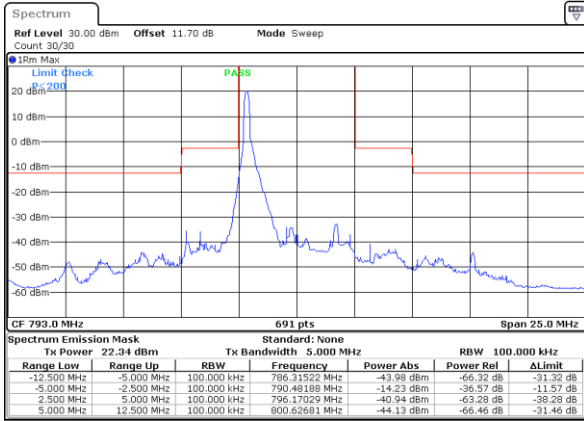


Date: 14.APR.2025 10:25:52

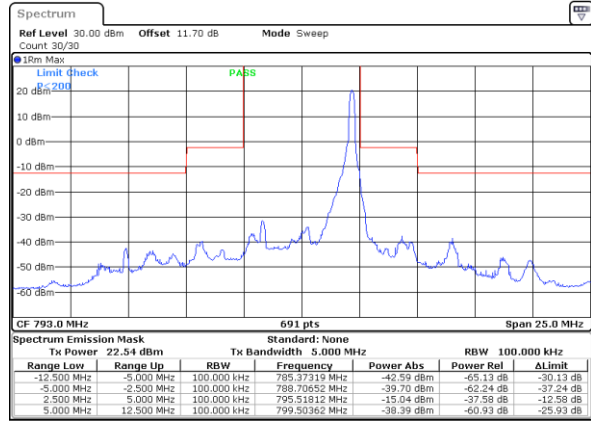


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

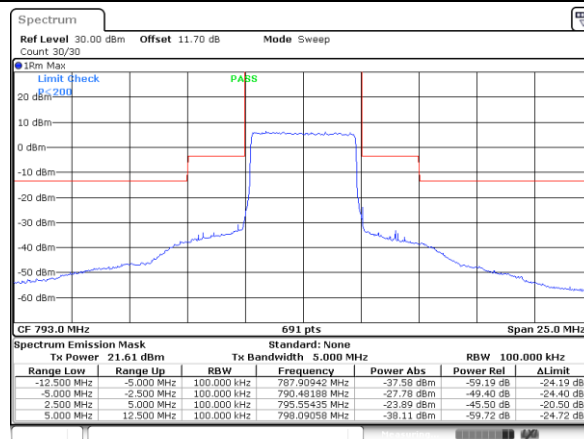


Date: 14.APR.2025 10:30:30



Date: 14.APR.2025 10:34:12

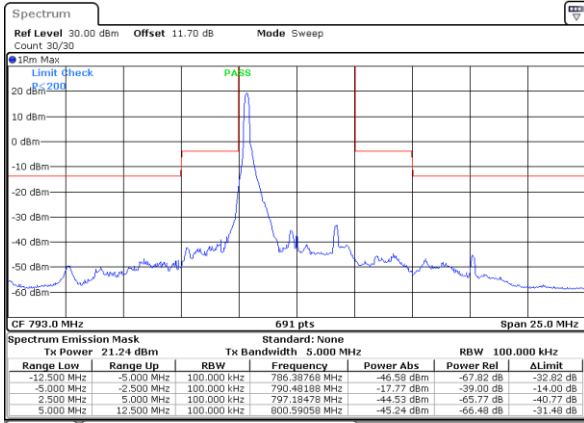
Middle Channel / Full RB



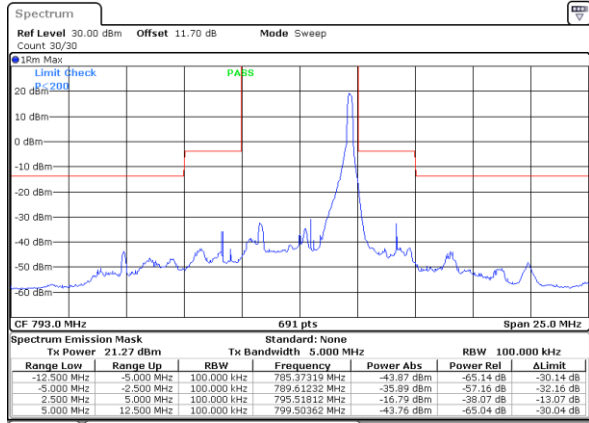
Date: 14.APR.2025 10:27:03

LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

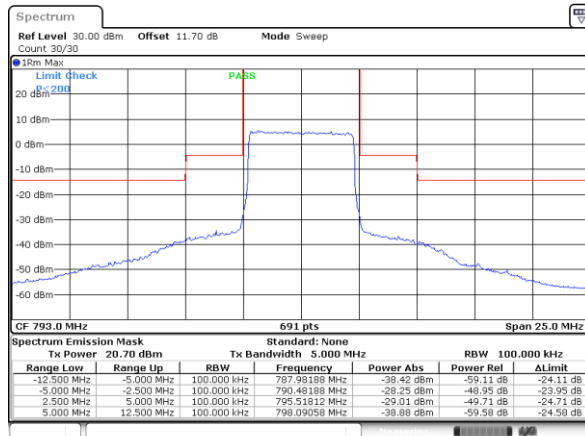


Date: 14.APR.2025 10:31:49



Date: 14.APR.2025 10:35:24

Middle Channel / Full RB

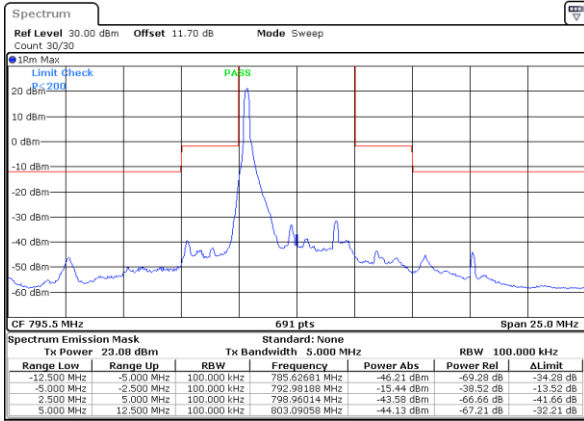


Date: 14.APR.2025 10:28:15

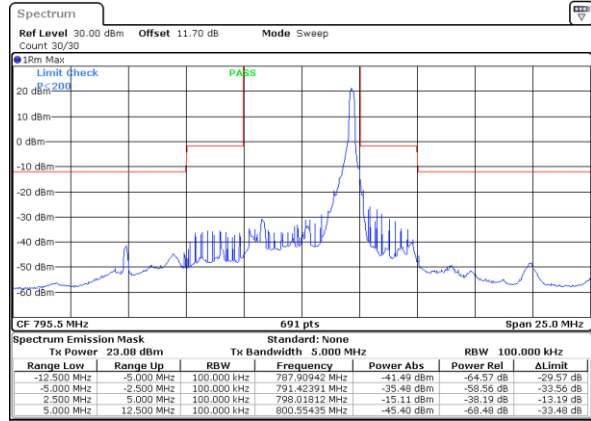


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

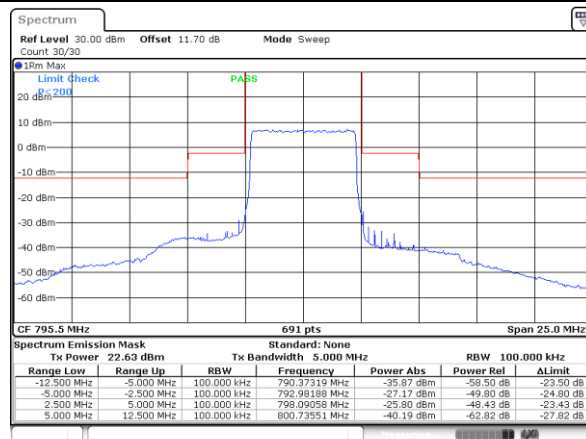


Date: 14.APR.2025 10:40:12



Date: 14.APR.2025 10:43:47

Highest Channel / Full RB

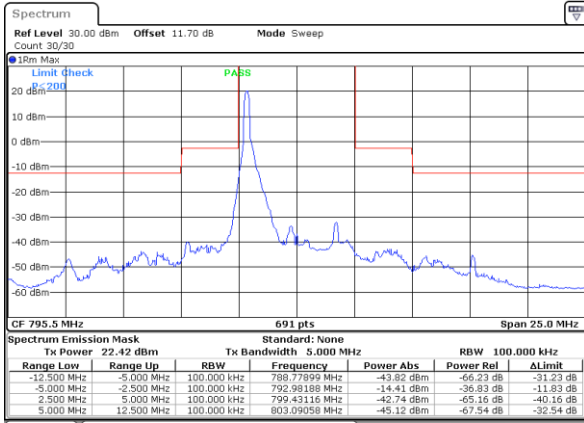


Date: 14.APR.2025 10:36:36

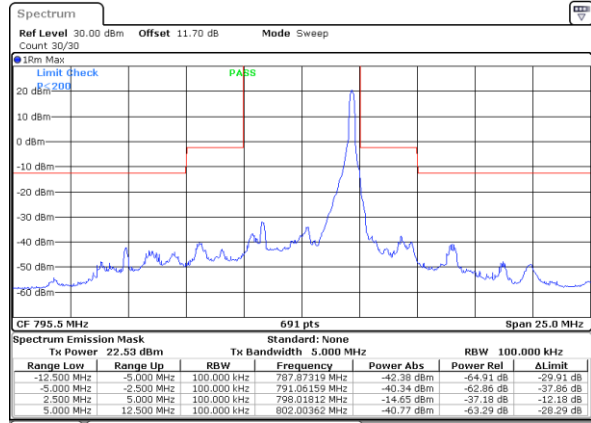


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

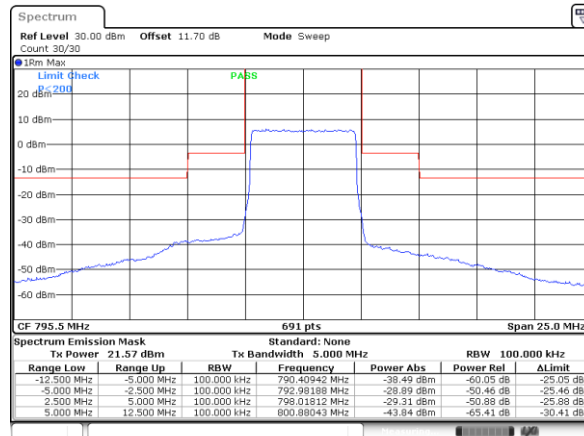


Date: 14.APR.2025 10:41:23



Date: 14.APR.2025 10:44:59

Highest Channel / Full RB

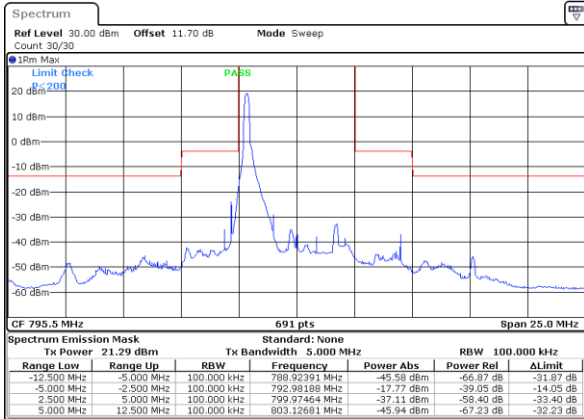


Date: 14.APR.2025 10:37:48

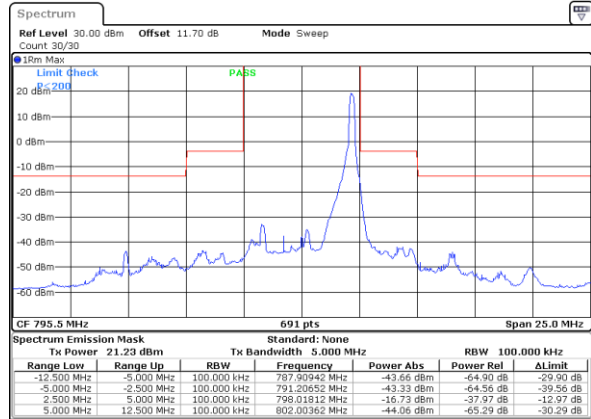


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

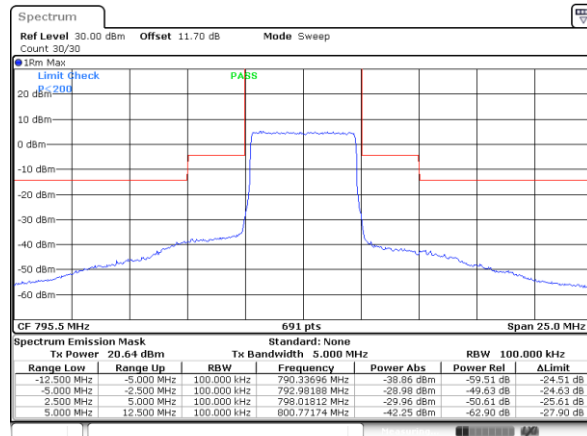


Date: 14.APR.2025 10:42:35



Date: 14.APR.2025 10:46:11

Highest Channel / Full RB



Date: 14.APR.2025 10:39:00

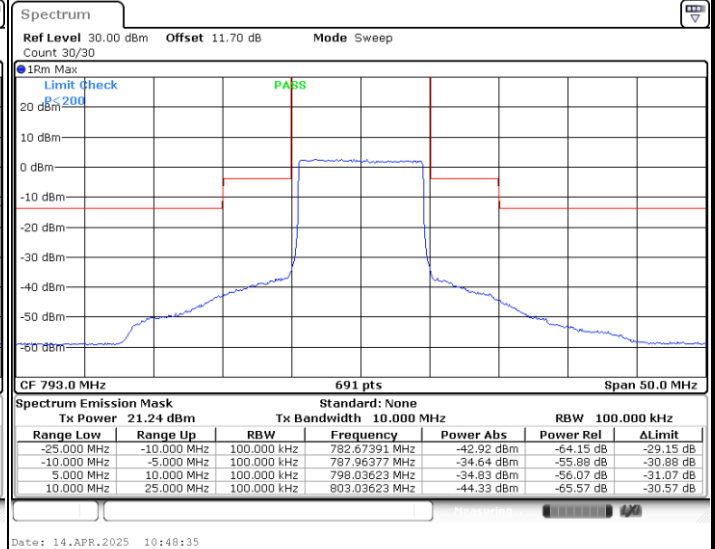
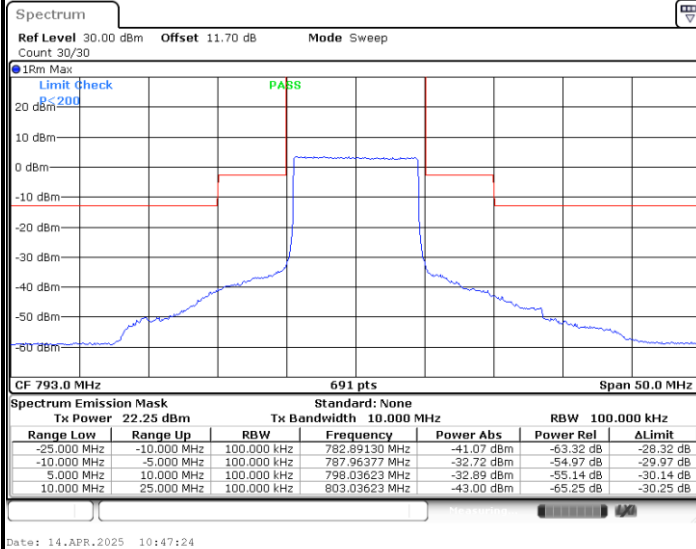


LTE Band 14 / 10MHz / QPSK

Middle Channel / Full RB

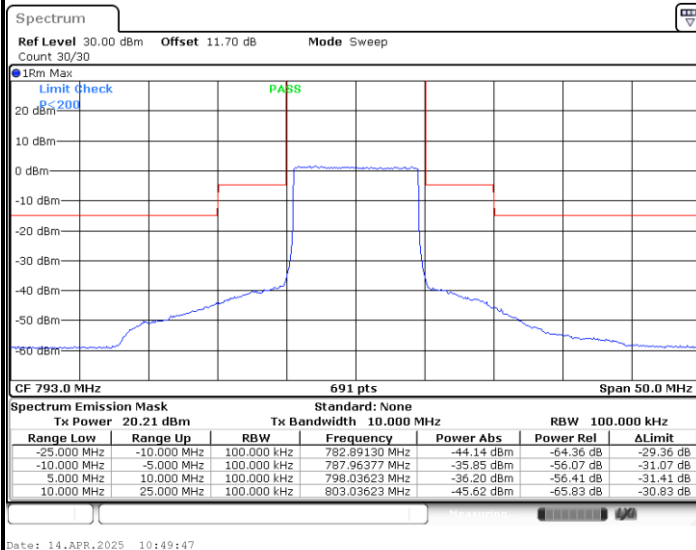
LTE Band 14 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 14 / 10MHz / 64QAM

Middle Channel / Full RB



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	0.0064	PASS
40	Normal Voltage	0.0121	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0067	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0093	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0082	

Note:

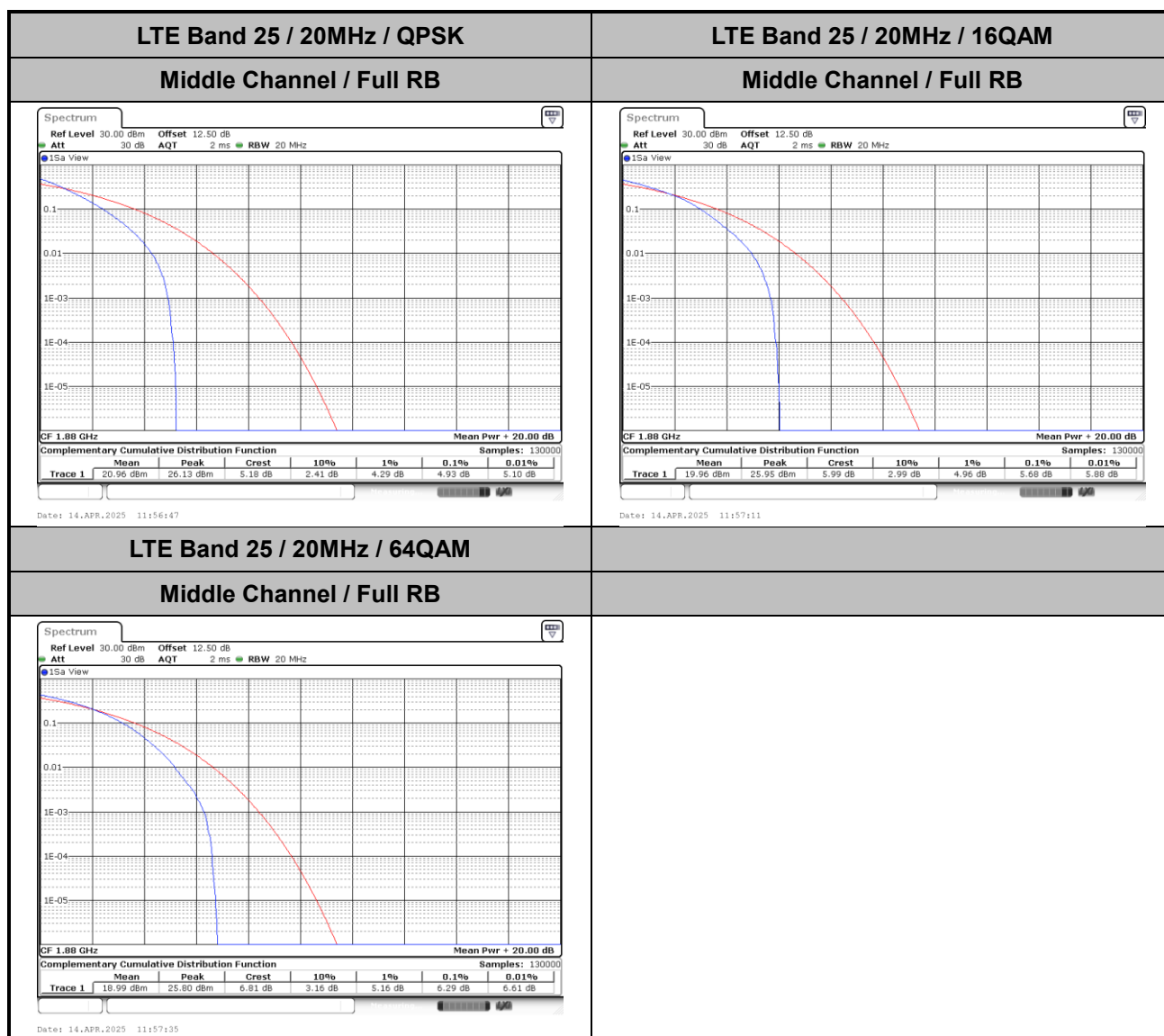
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	4.93	5.68	6.29	-	PASS



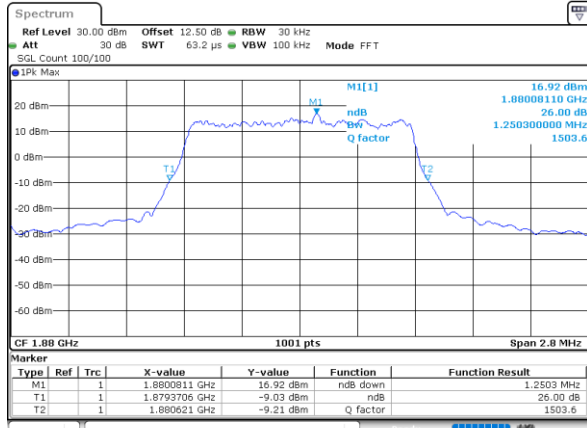
**26dB Bandwidth**

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	1.25	1.29	2.95	2.94	4.94	4.84	9.81	9.75	14.38	14.41	18.78	18.62
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	1.30	-	2.98	-	4.84	-	9.84	-	14.53	-	18.86	-



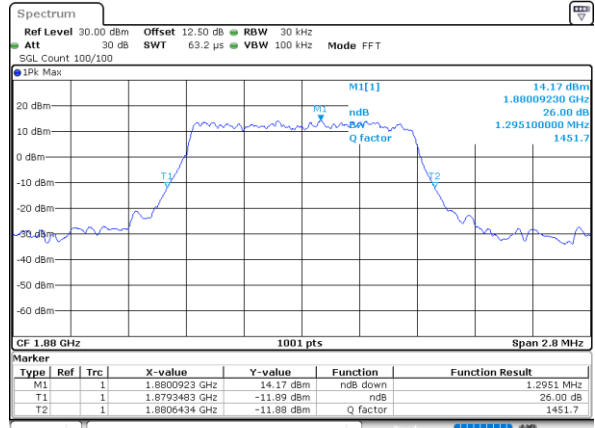
LTE Band 25

Middle Channel / 1.4MHz / QPSK



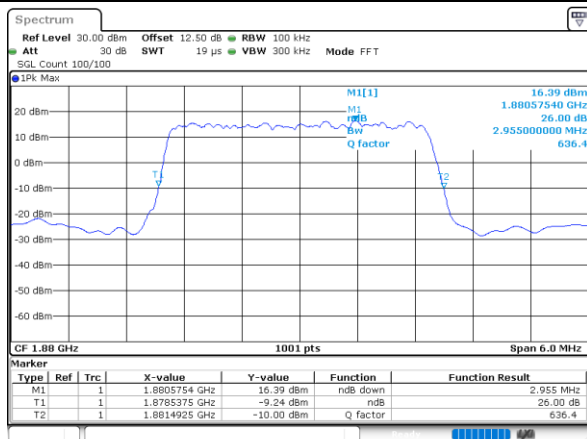
Date: 14.APR.2025 11:50:10

Middle Channel / 1.4MHz / 16QAM



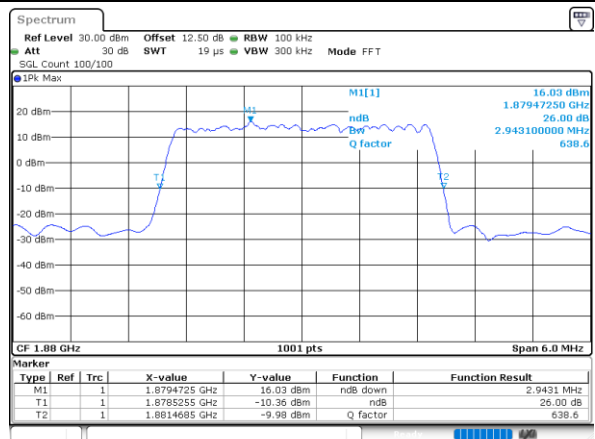
Date: 14.APR.2025 11:50:33

Middle Channel / 3MHz / QPSK



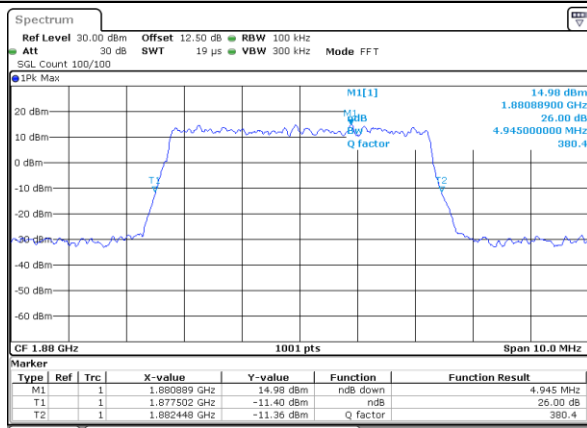
Date: 14.APR.2025 11:50:57

Middle Channel / 3MHz / 16QAM



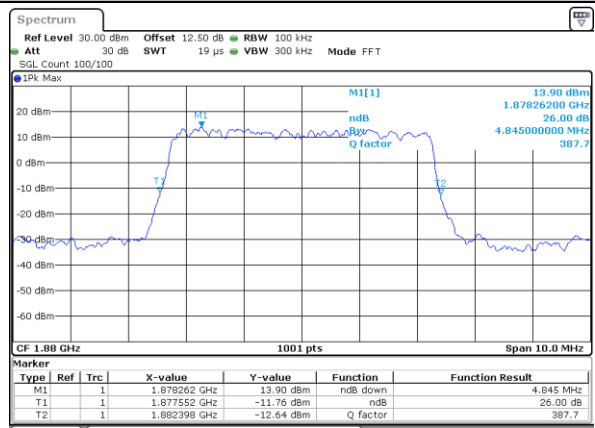
Date: 14.APR.2025 11:51:20

Middle Channel / 5MHz / QPSK



Date: 14.APR.2025 11:52:07

Middle Channel / 5MHz / 16QAM

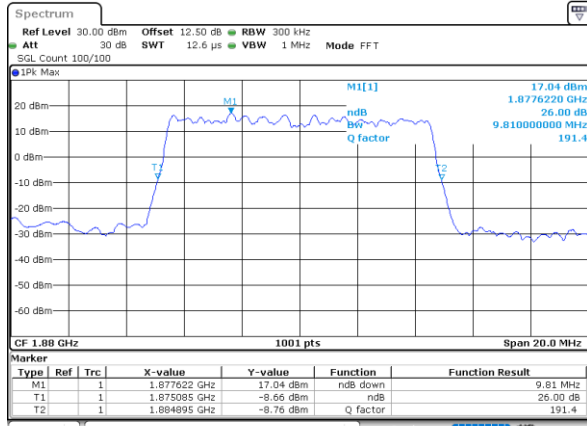


Date: 14.APR.2025 11:52:30



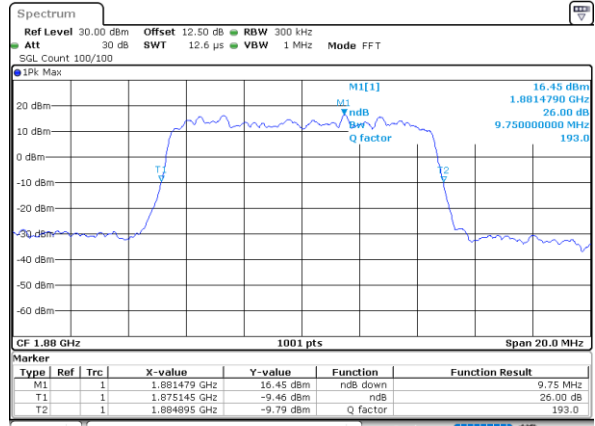
LTE Band 25

Middle Channel / 10MHz / QPSK



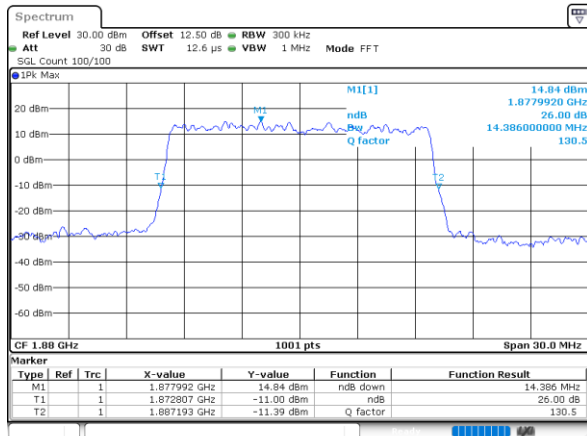
Date: 14.APR.2025 11:53:16

Middle Channel / 10MHz / 16QAM



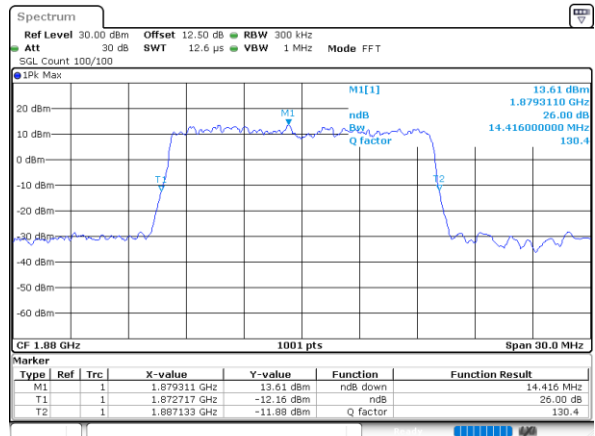
Date: 14.APR.2025 11:53:19

Middle Channel / 15MHz / QPSK



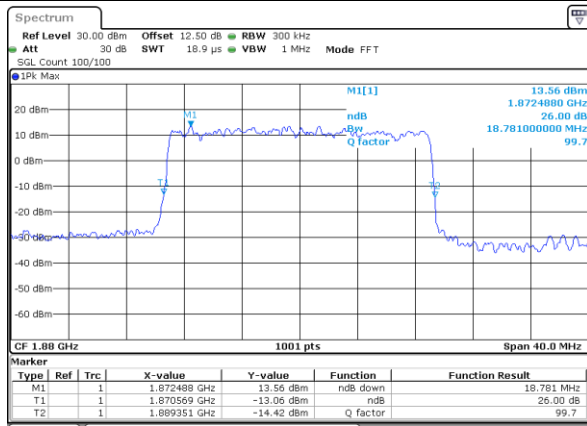
Date: 14.APR.2025 11:54:26

Middle Channel / 15MHz / 16QAM



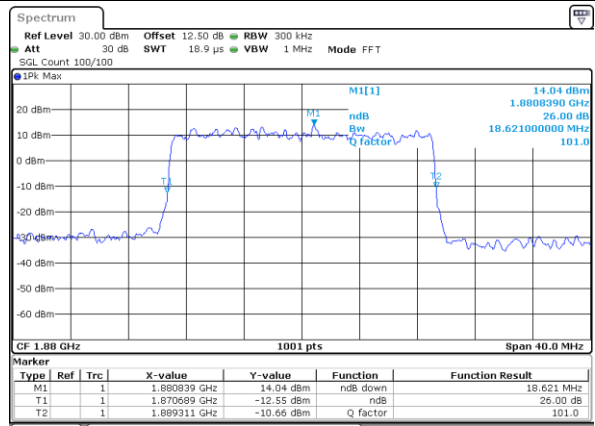
Date: 14.APR.2025 11:54:49

Middle Channel / 20MHz / QPSK



Date: 14.APR.2025 11:55:36

Middle Channel / 20MHz / 16QAM

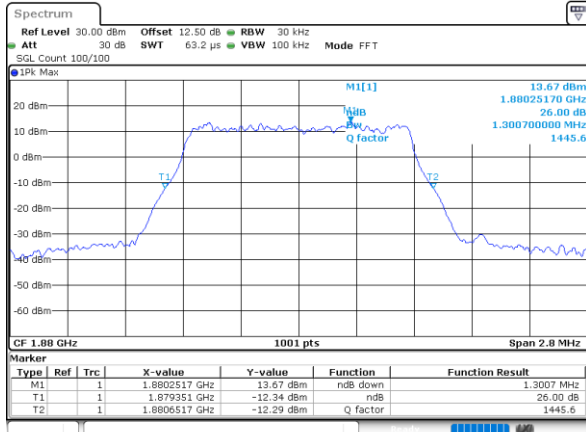


Date: 14.APR.2025 11:55:59

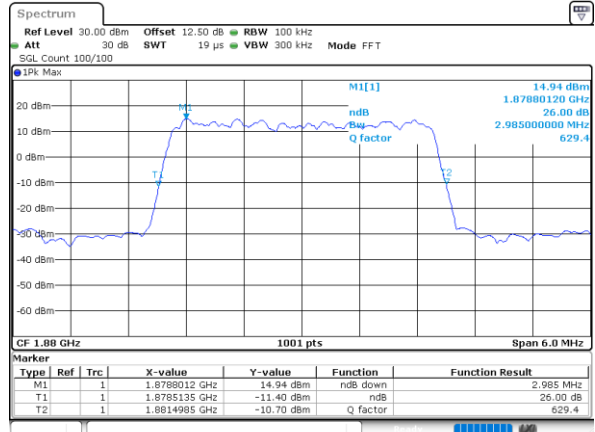


LTE Band 25

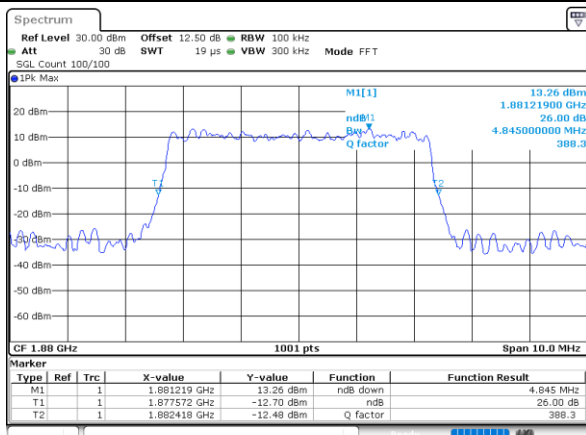
Middle Channel / 1.4MHz / 64QAM



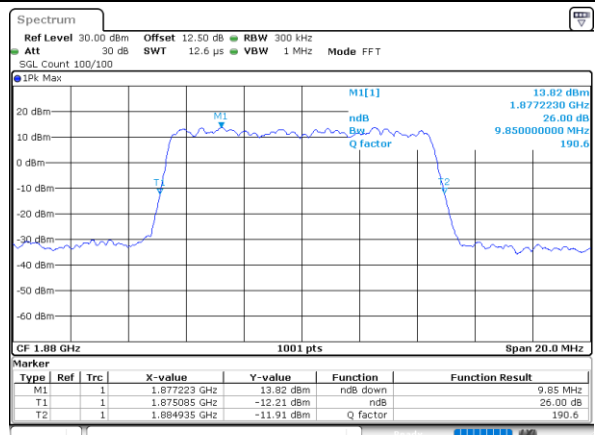
Middle Channel / 3MHz / 64QAM



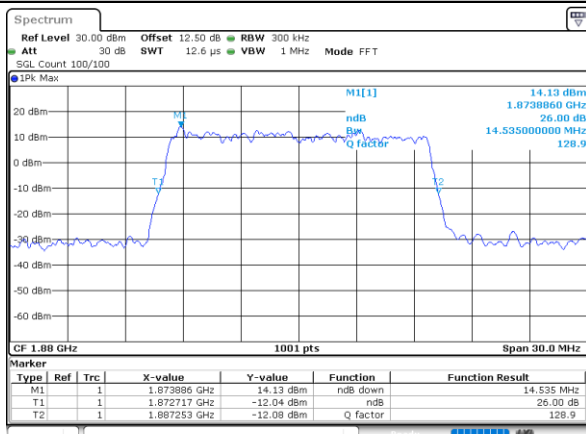
Middle Channel / 5MHz / 64QAM



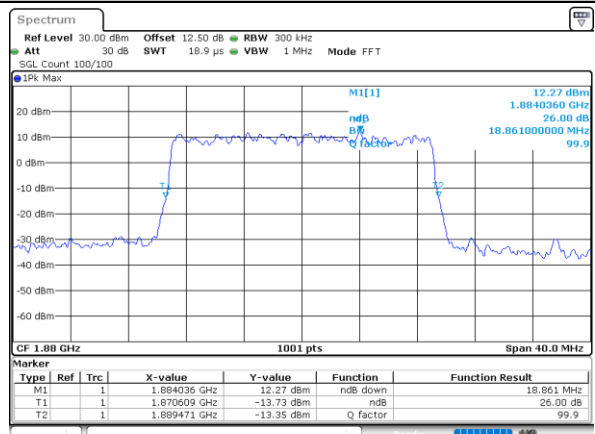
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



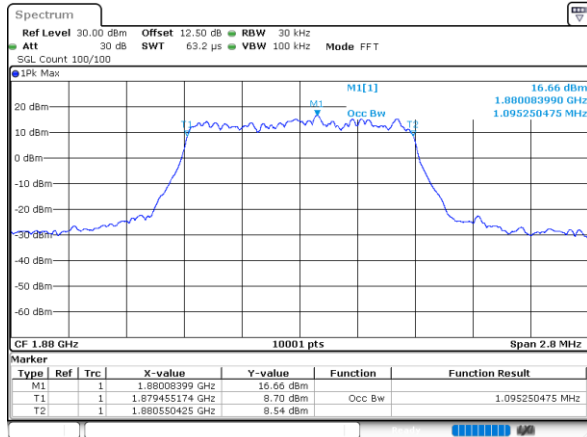
**Occupied Bandwidth**

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	1.09	2.72	2.72	4.46	4.49	9.03	9.04	13.44	13.45	17.88	17.95
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	-	2.69	-	4.50	-	9.02	-	13.45	-	17.84	-

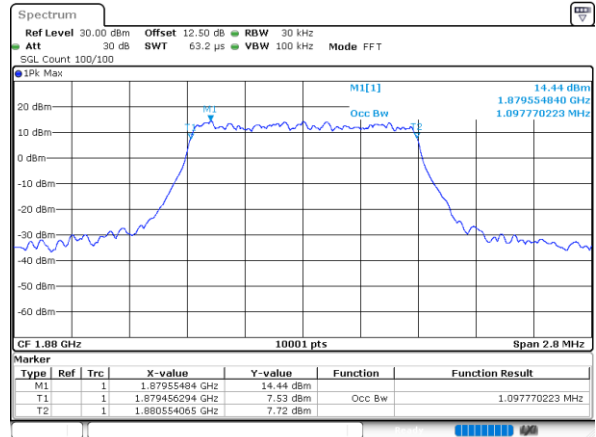


LTE Band 25

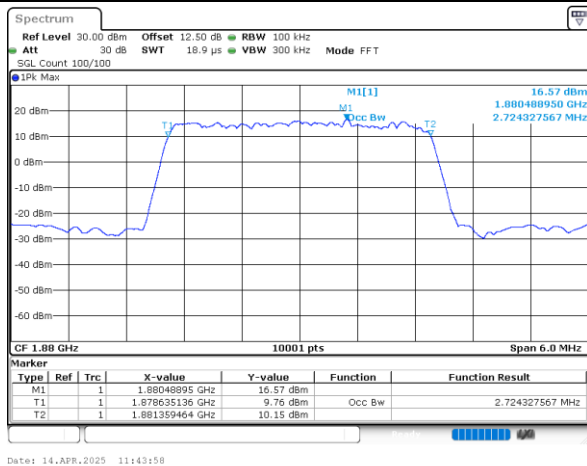
Middle Channel / 1.4MHz / QPSK



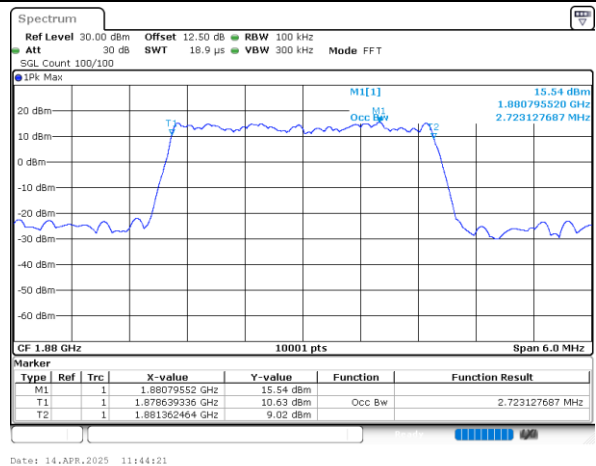
Middle Channel / 1.4MHz / 16QAM



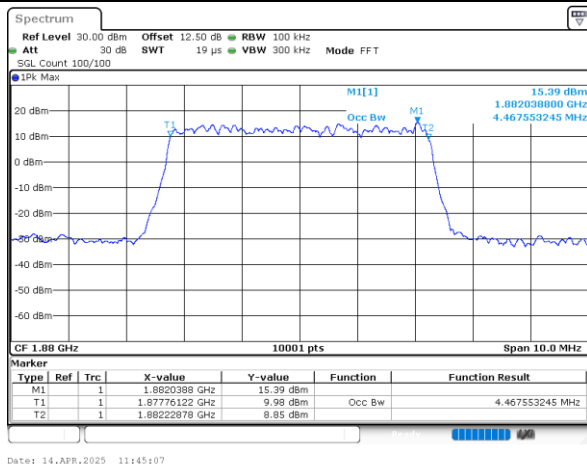
Middle Channel / 3MHz / QPSK



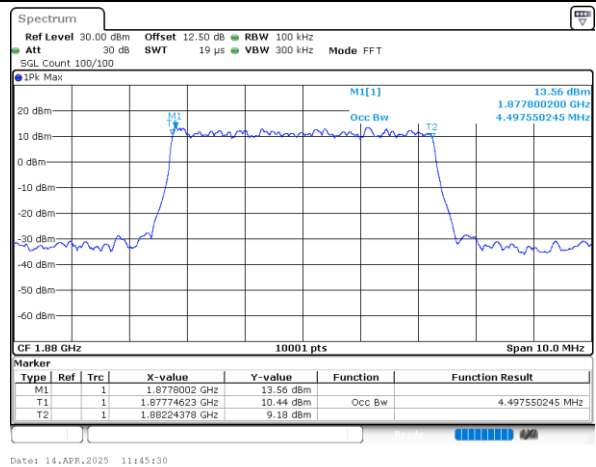
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



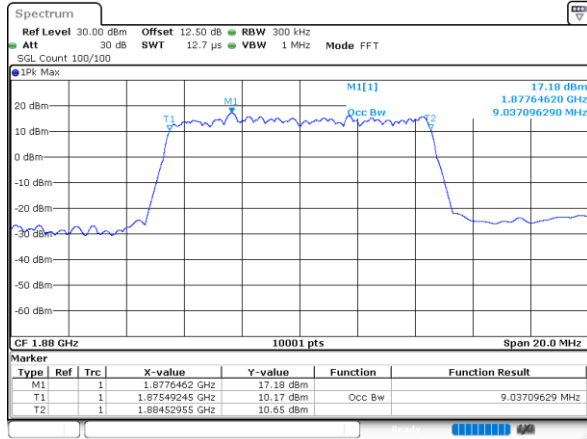
Middle Channel / 5MHz / 16QAM



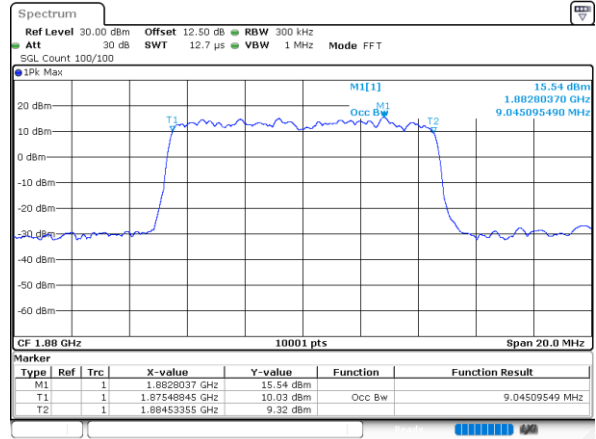


LTE Band 25

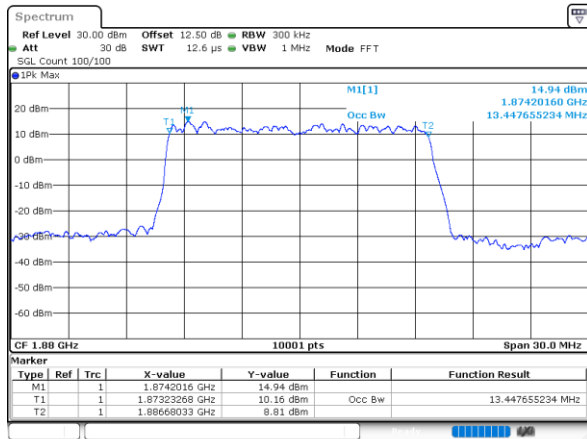
Middle Channel / 10MHz / QPSK



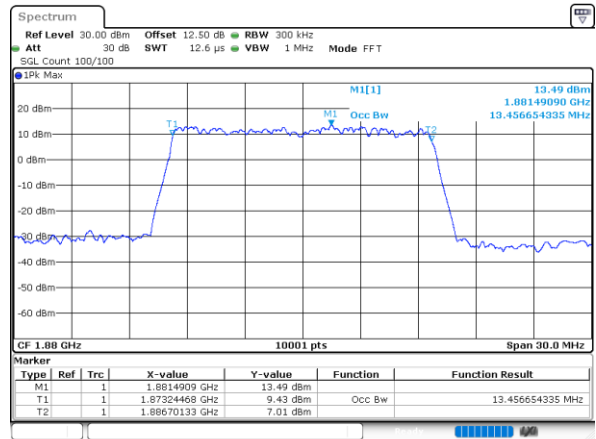
Middle Channel / 10MHz / 16QAM



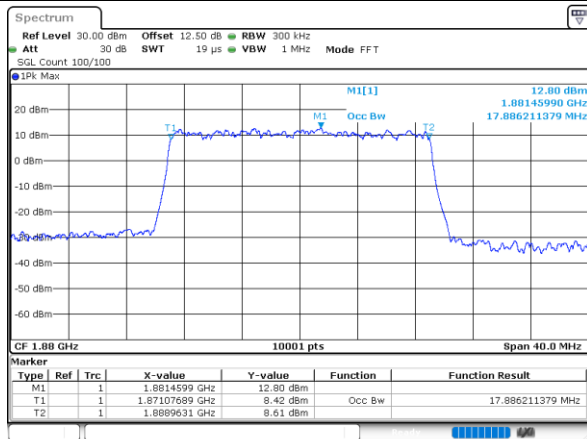
Middle Channel / 15MHz / QPSK



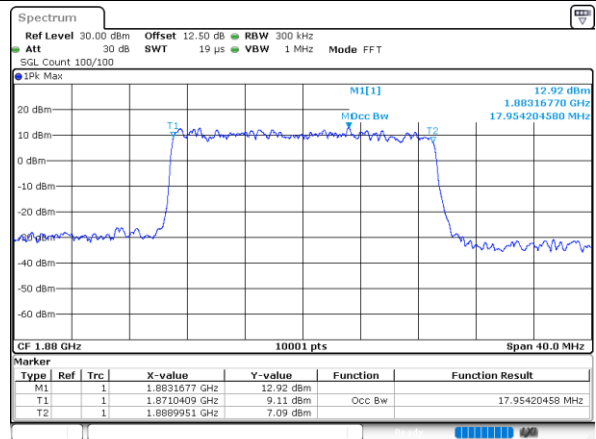
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



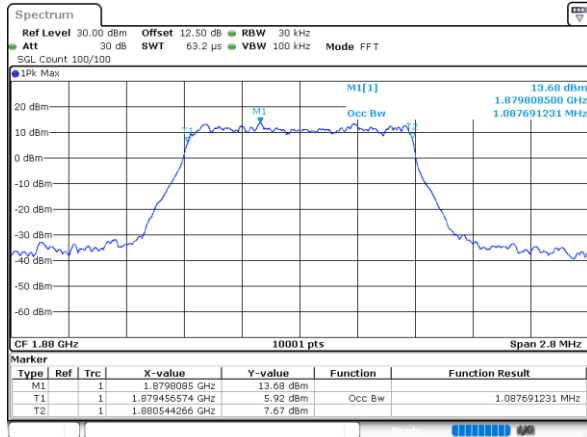
Middle Channel / 20MHz / 16QAM



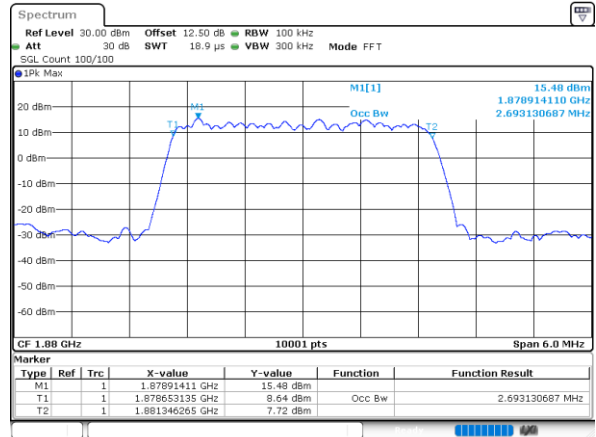


LTE Band 25

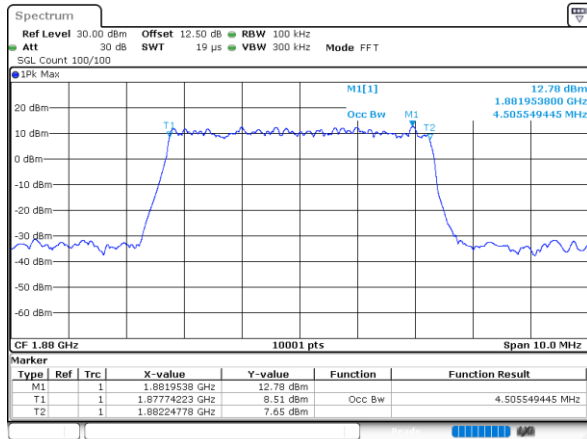
Middle Channel / 1.4MHz / 64QAM



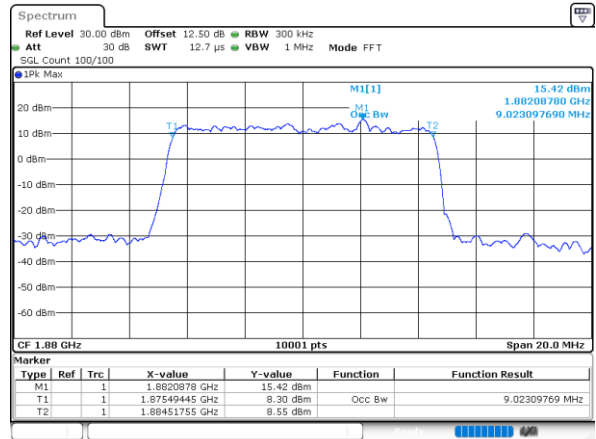
Middle Channel / 3MHz / 64QAM



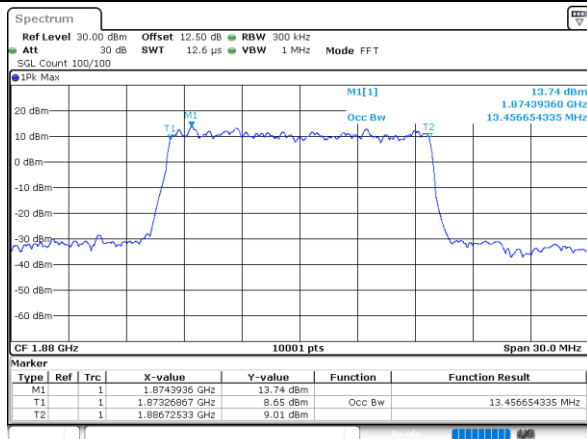
Middle Channel / 5MHz / 64QAM



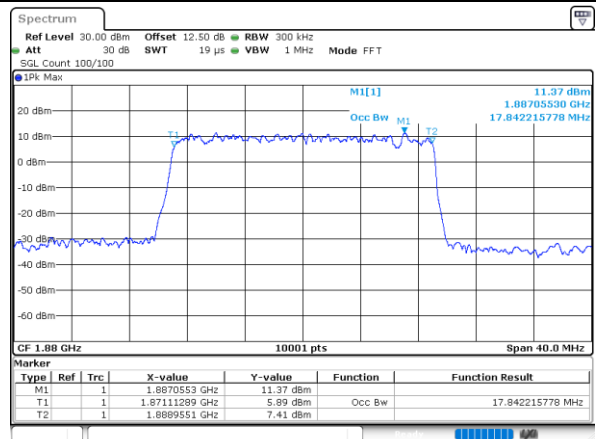
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

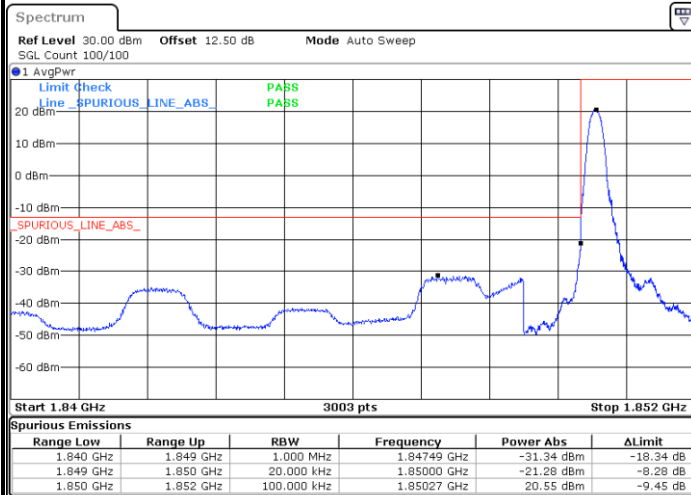




Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

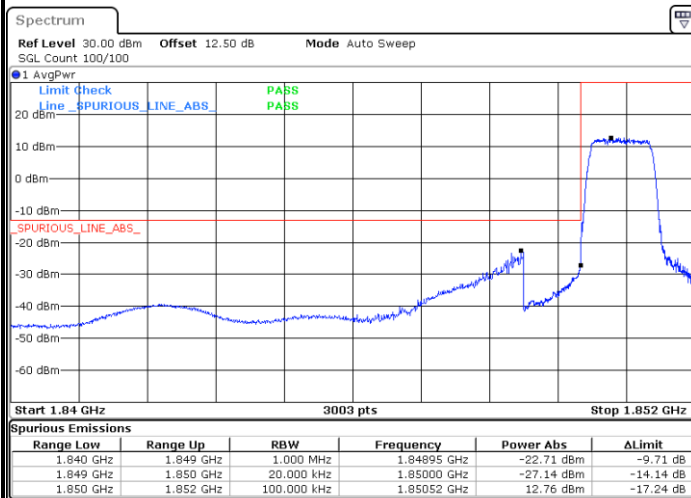
Lowest Band Edge / 1RB



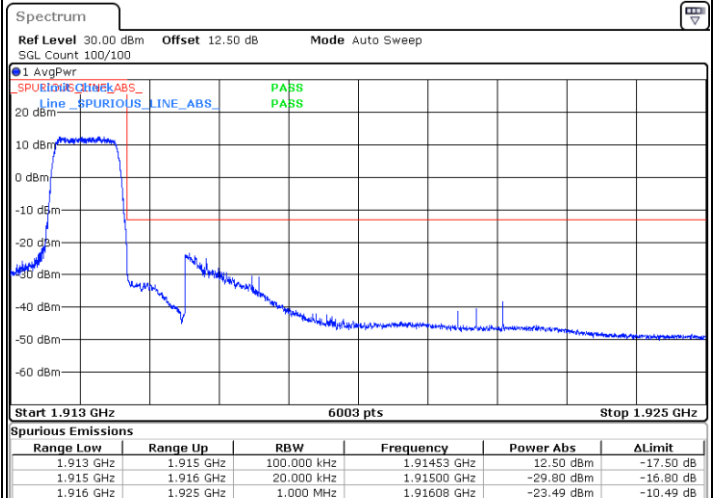
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



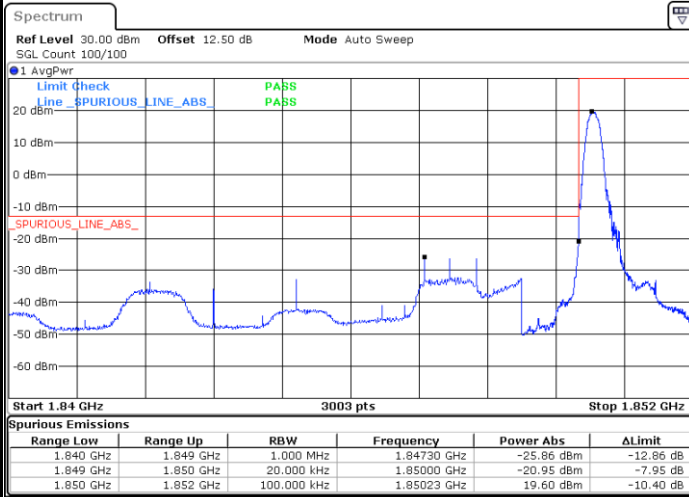
Highest Band Edge / Full RB





LTE Band 25 / 1.4MHz / 16QAM

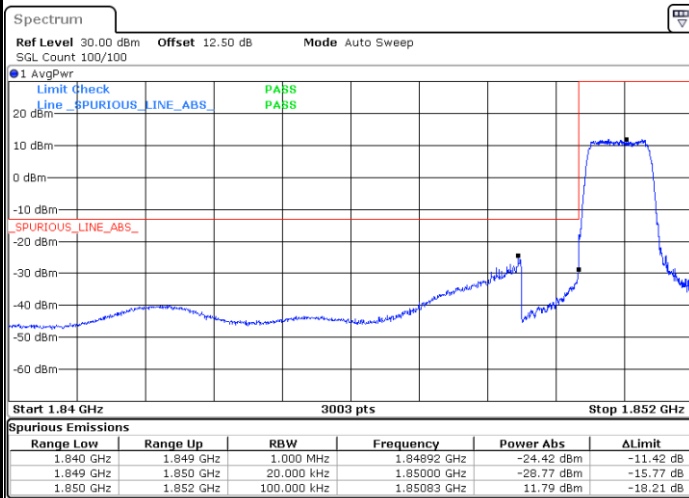
Lowest Band Edge / 1 RB



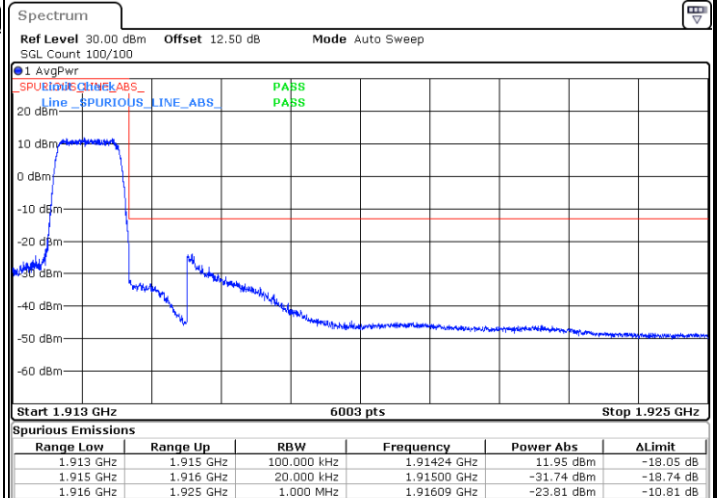
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



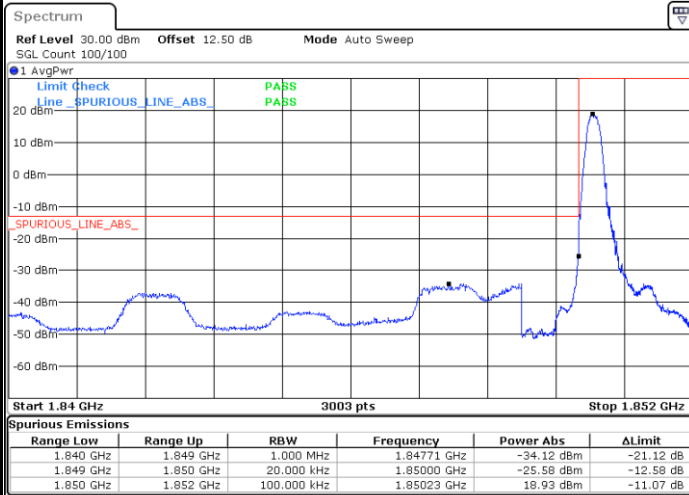
Highest Band Edge / Full RB





LTE Band 25 / 1.4MHz / 64QAM

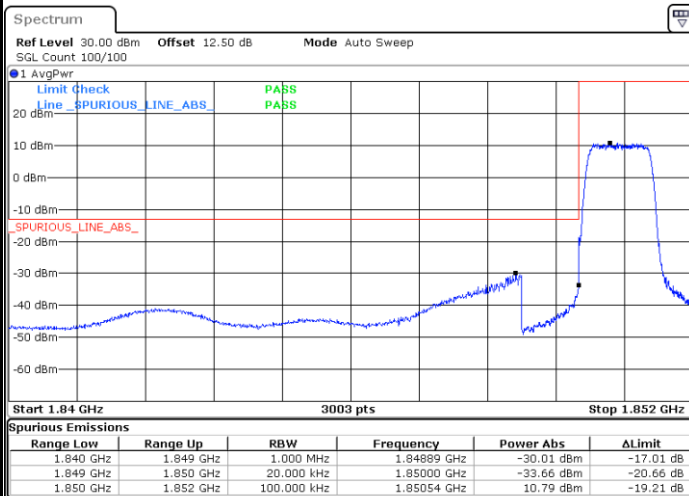
Lowest Band Edge / 1 RB



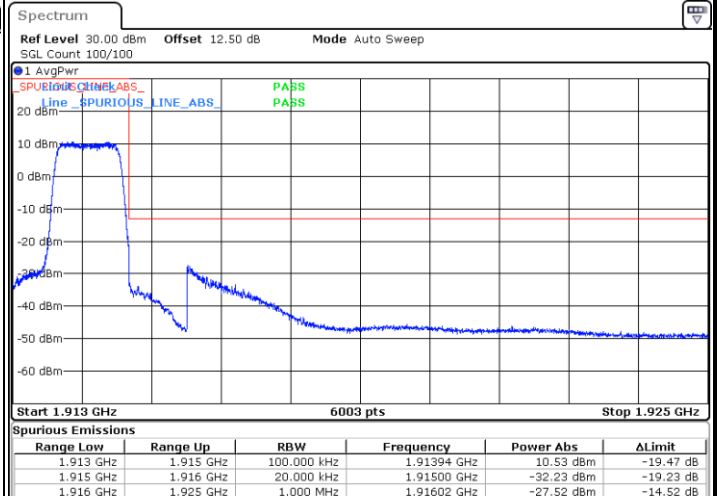
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



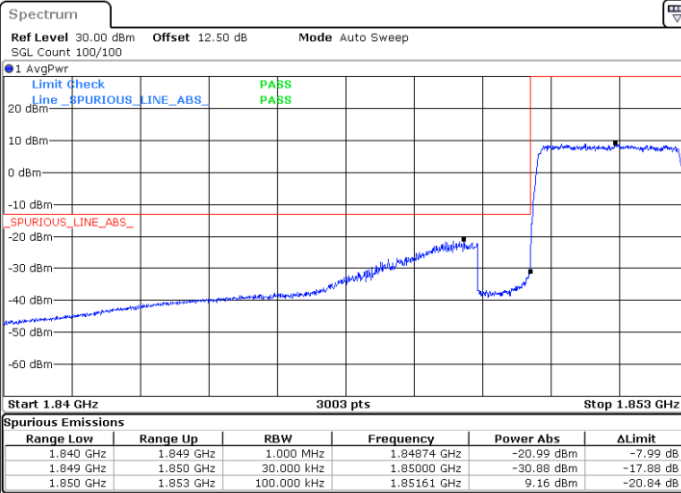
Highest Band Edge / Full RB



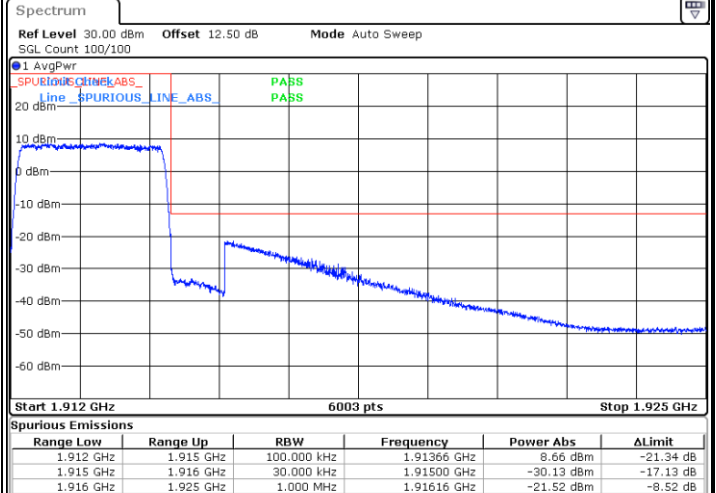


LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / Full RB

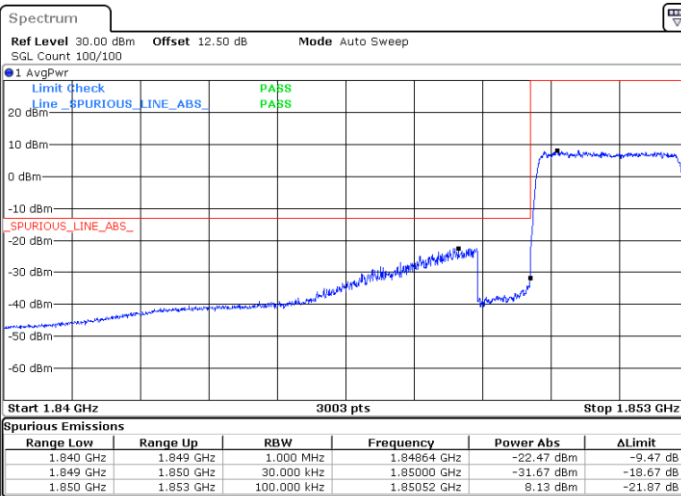


Highest Band Edge / Full RB

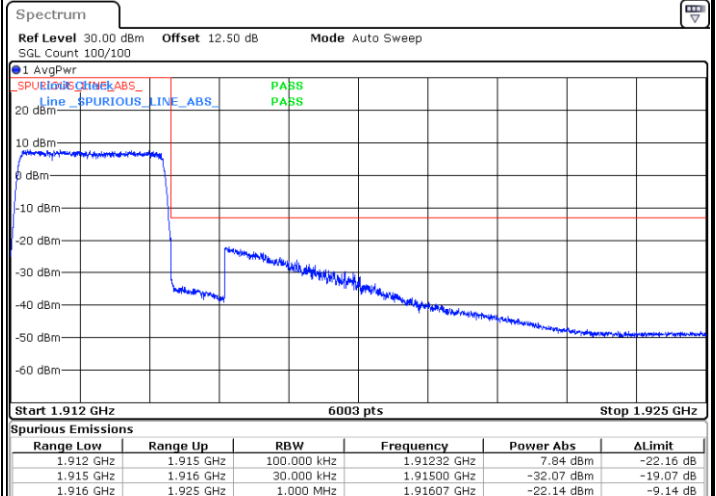


LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

