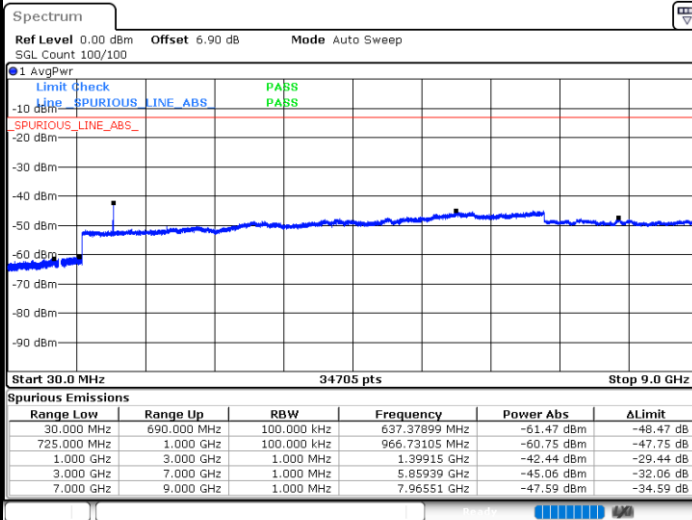




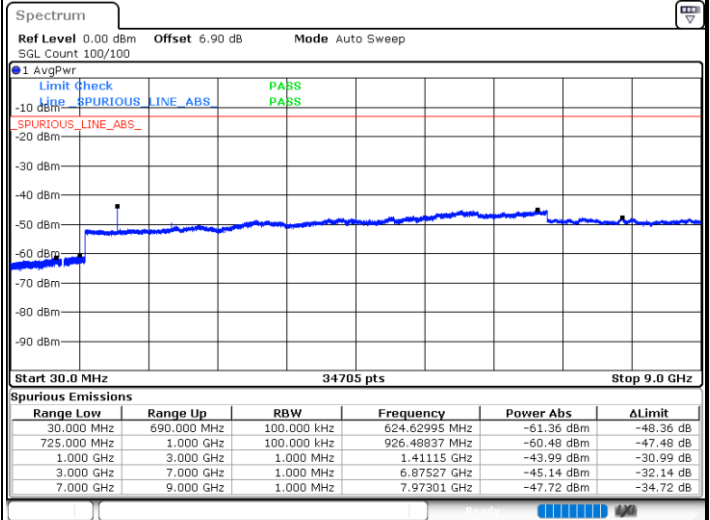
LTE Band 12 / 5MHz

Lowest Channel / QPSK



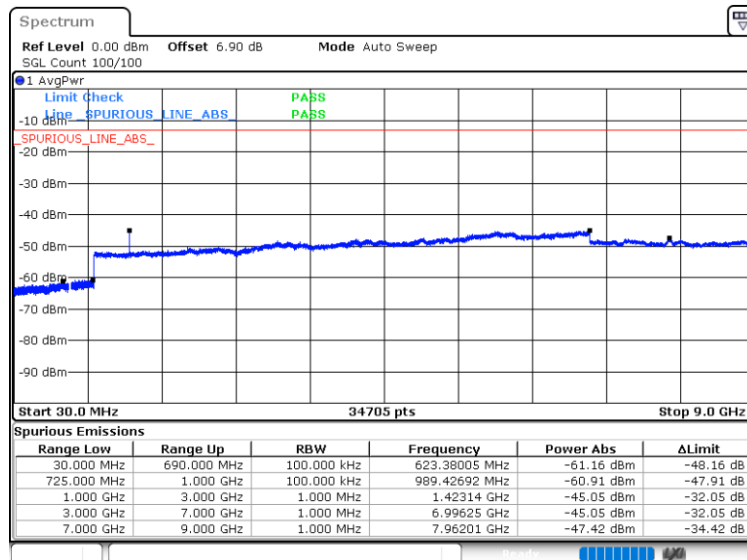
Date: 17.OCT.2025 19:51:46

Middle Channel / QPSK



Date: 17.OCT.2025 19:52:38

Highest Channel / QPSK

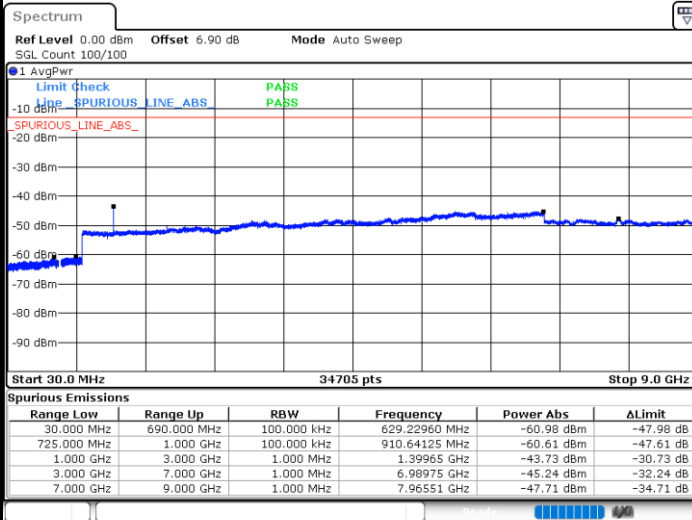


Date: 17.OCT.2025 19:53:30



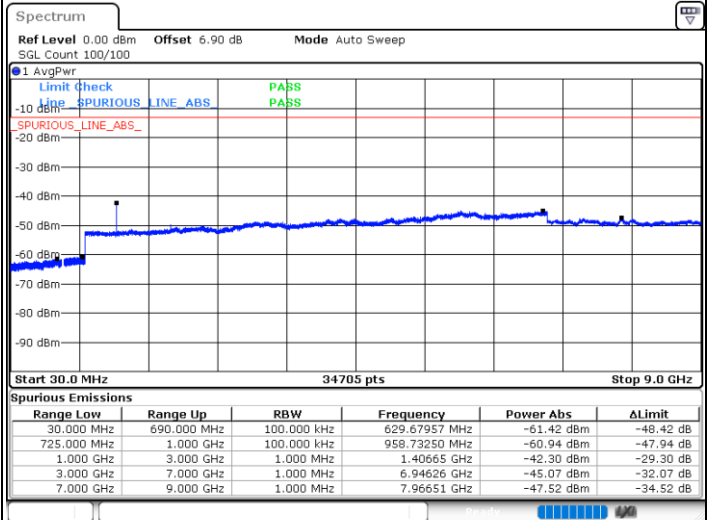
LTE Band 12 / 10MHz

Lowest Channel / QPSK



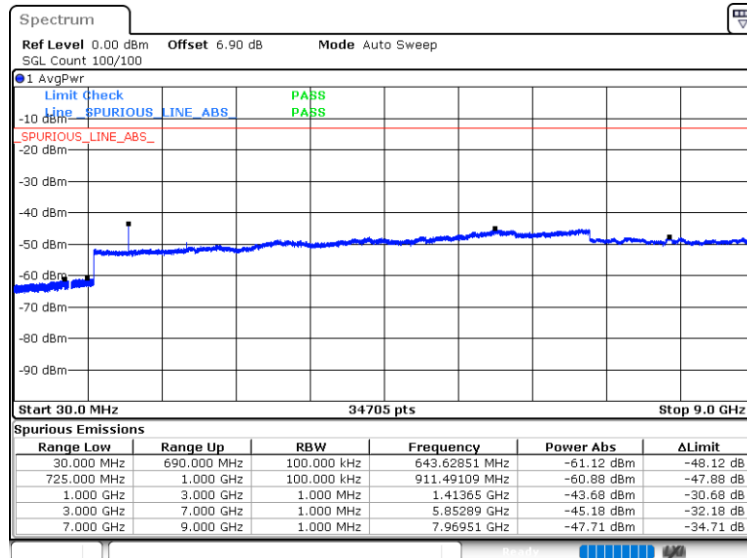
Date: 17.OCT.2025 19:54:24

Middle Channel / QPSK



Date: 17.OCT.2025 19:55:16

Highest Channel / QPSK



Date: 17.OCT.2025 19:56:08

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0114	PASS
40	Normal Voltage	0.0040	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0199	
-30	Normal Voltage	0.0140	
20	Maximum Voltage	0.0112	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0216	

Note:

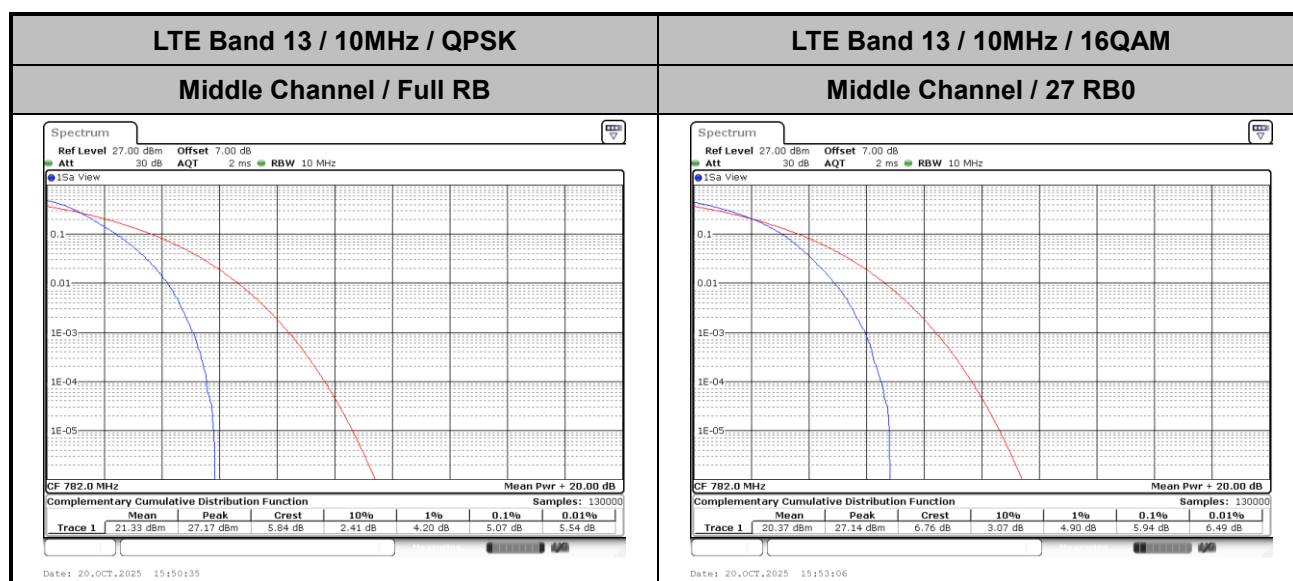
1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

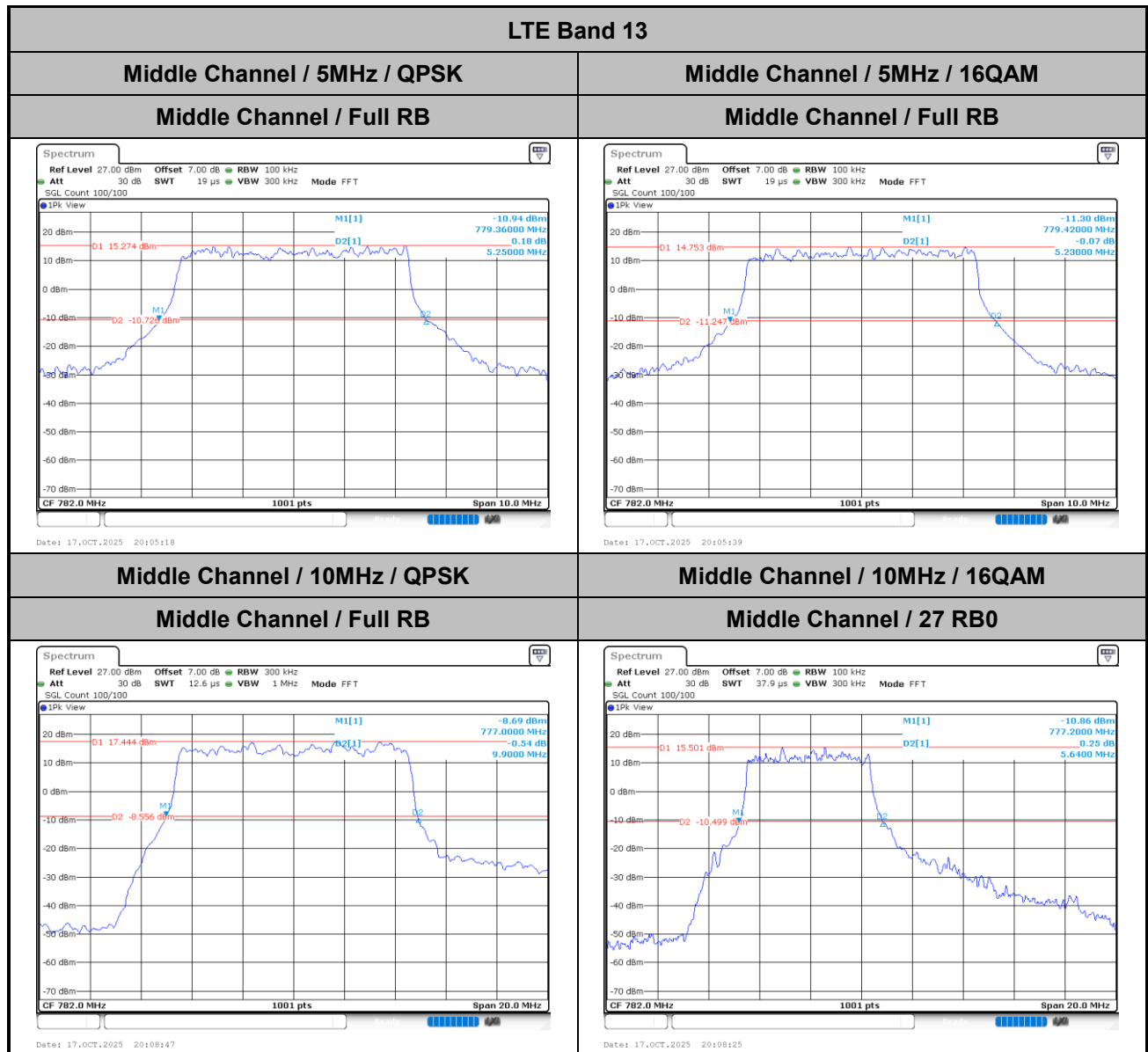
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	27 RB	Result
Middle CH	5.07	5.94	PASS



**26dB Bandwidth**

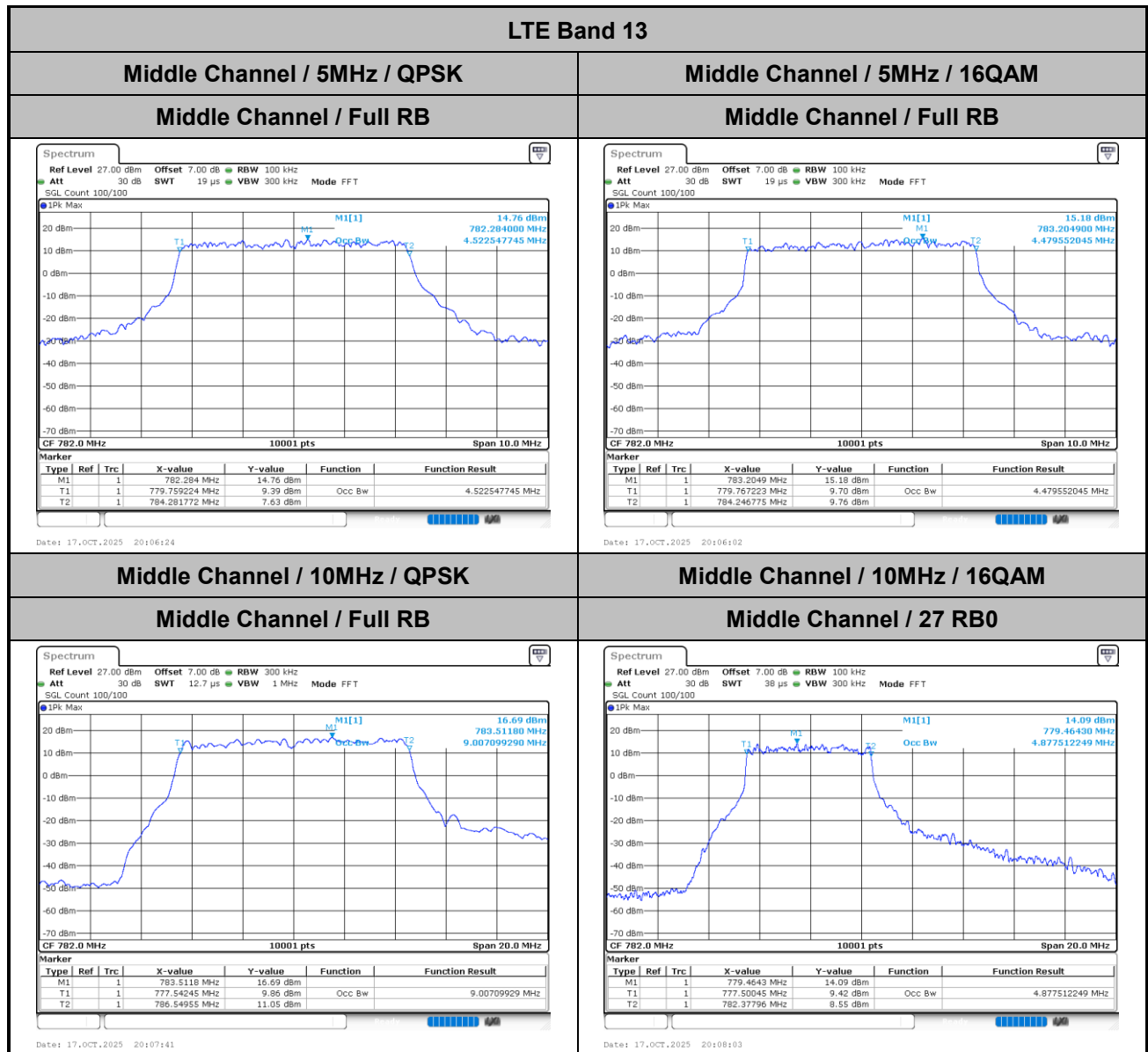
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.25	5.23	9.90	5.64	-	-	-	-

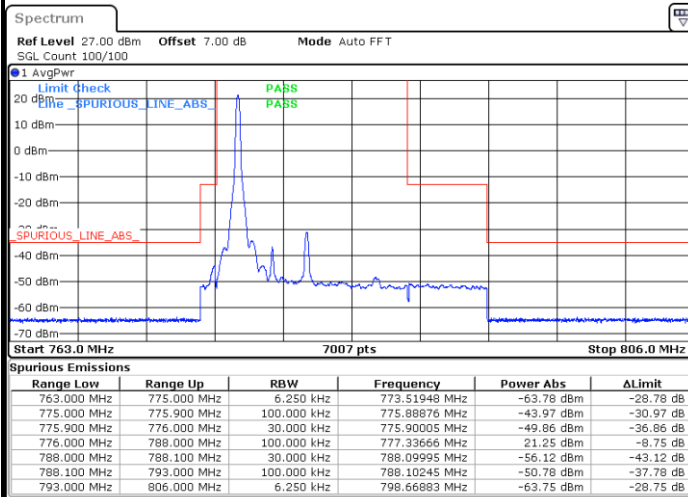
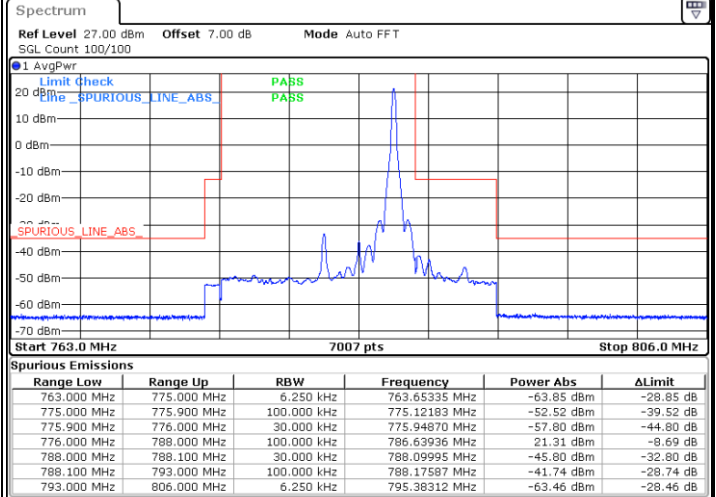
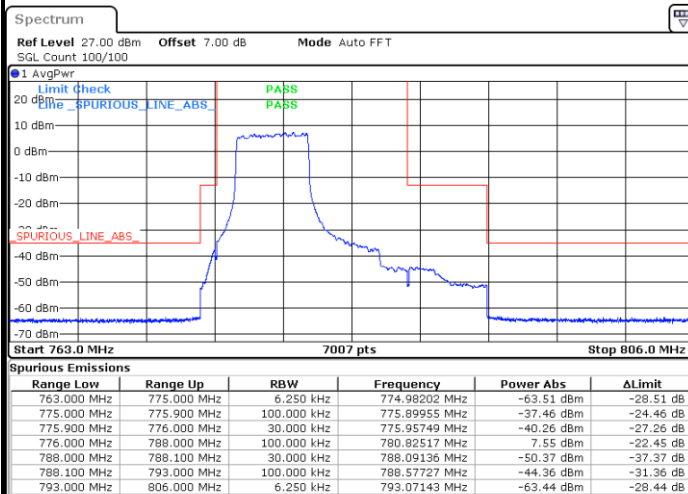
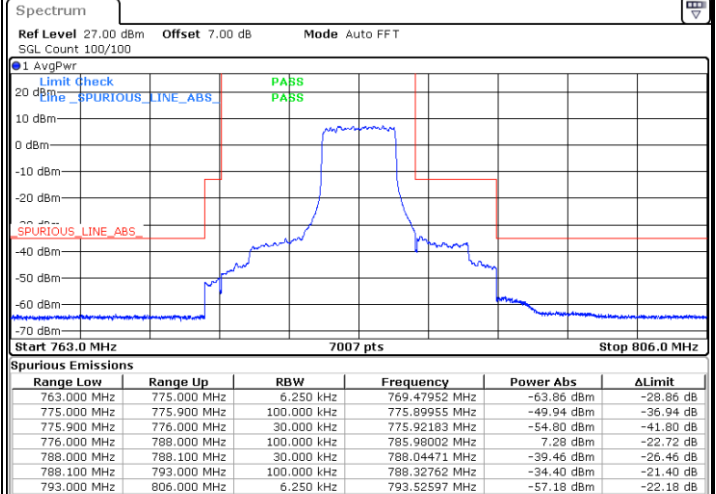




Occupied Bandwidth

Mode	LTE Band 13 : 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	-	-	-	-	4.52	4.47	9.00	4.87	-	-	-	-



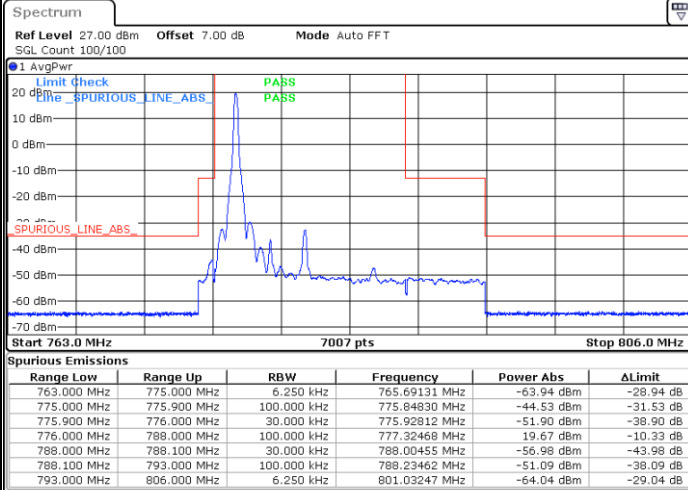
**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB 0****Highest Band Edge / 1 RB max****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



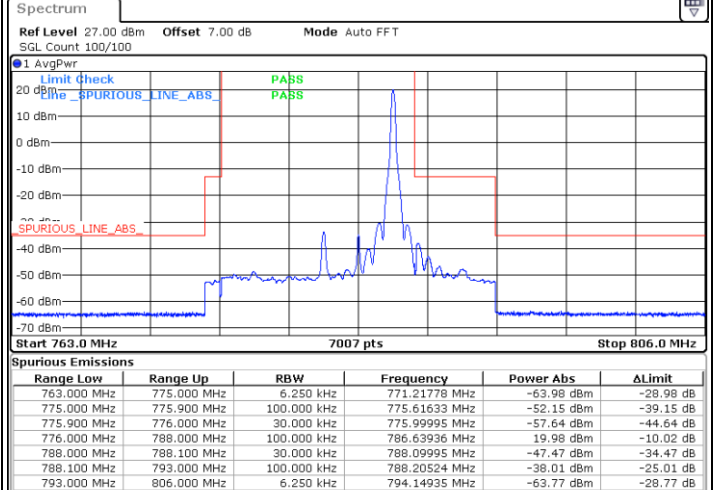
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB0

Highest Band Edge / 1 RBmax



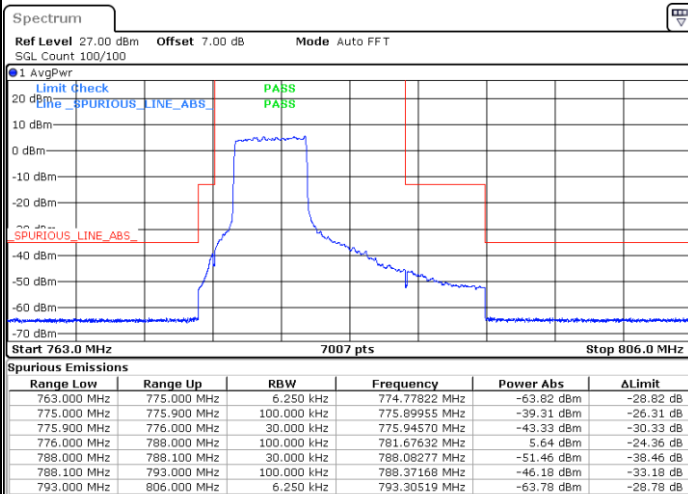
Date: 20.OCT.2025 14:01:52



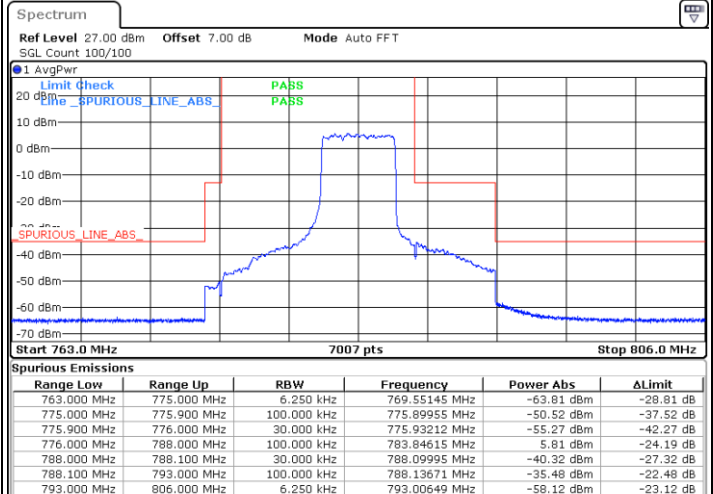
Date: 20.OCT.2025 14:02:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.OCT.2025 14:03:38



Date: 20.OCT.2025 14:04:30



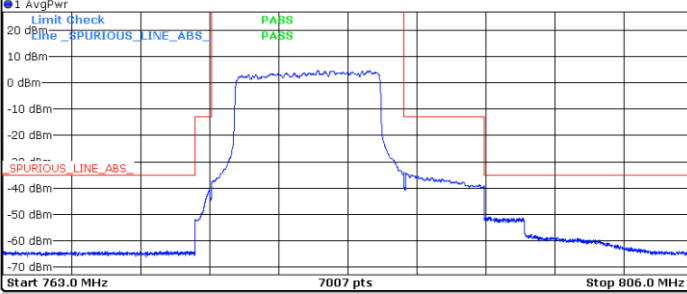
LTE Band 13 / 10MHz / QPSK

Band Edge / Full RB

LTE Band 13 / 10MHz / 16QAM

Band Edge / 27 RB 0

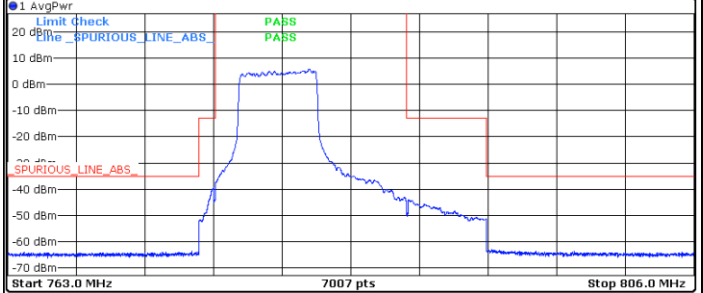
Spectrum

Ref Level 27.00 dBm Offset 7.00 dB Mode Auto FFT
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.25574 MHz	-63.86 dBm	-28.86 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-40.48 dBm	-27.48 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97977 MHz	-43.60 dBm	-30.60 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.63536 MHz	4.81 dBm	-25.19 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00964 MHz	-39.77 dBm	-26.77 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-34.22 dBm	-21.22 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.12338 MHz	-51.11 dBm	-16.11 dB

Date: 17.OCT.2025 20:03:09

Spectrum

Ref Level 27.00 dBm Offset 7.00 dB Mode Auto FFT
SGL Count 100/100

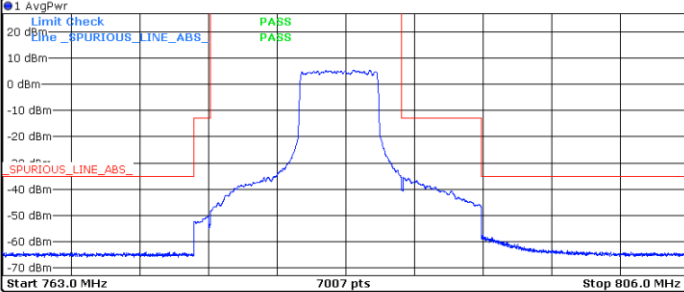
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.53846 MHz	-63.72 dBm	-28.72 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-39.29 dBm	-26.29 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99995 MHz	-43.59 dBm	-30.59 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.90410 MHz	5.86 dBm	-24.14 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06409 MHz	-48.92 dBm	-35.92 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.13671 MHz	-44.14 dBm	-31.14 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.31818 MHz	-62.87 dBm	-27.87 dB

Date: 20.OCT.2025 14:05:24

Band Edge /27 RB Max

N/A

Spectrum

Ref Level 27.00 dBm Offset 7.00 dB Mode Auto FFT
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.01798 MHz	-63.99 dBm	-28.99 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-49.96 dBm	-36.96 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97937 MHz	-53.51 dBm	-40.51 dB
776.000 MHz	788.000 MHz	100.000 kHz	784.97303 MHz	5.55 dBm	-24.45 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00005 MHz	-39.96 dBm	-26.96 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-35.61 dBm	-22.61 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.09740 MHz	-57.42 dBm	-22.42 dB

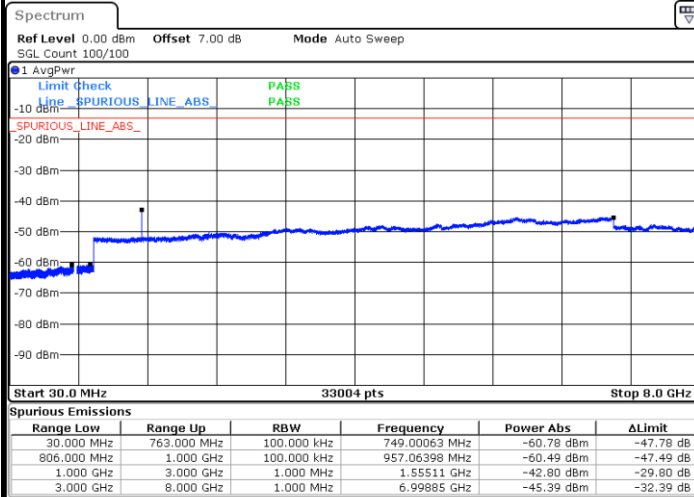
Date: 20.OCT.2025 14:06:17



Conducted Spurious Emission

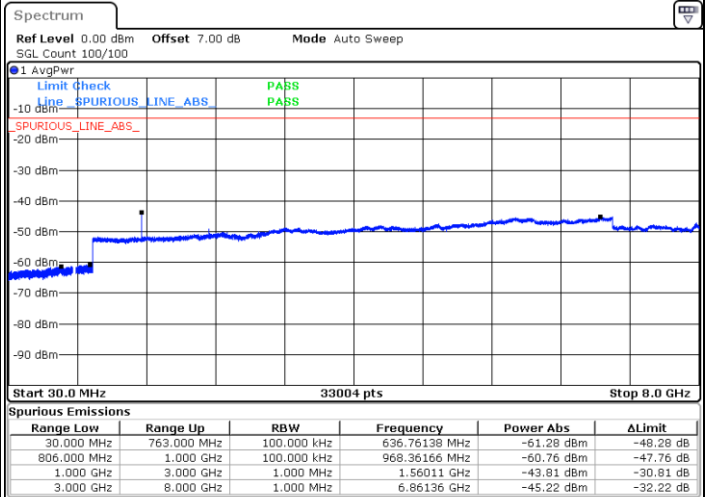
LTE Band 13 / 5MHz

Lowest Channel / QPSK



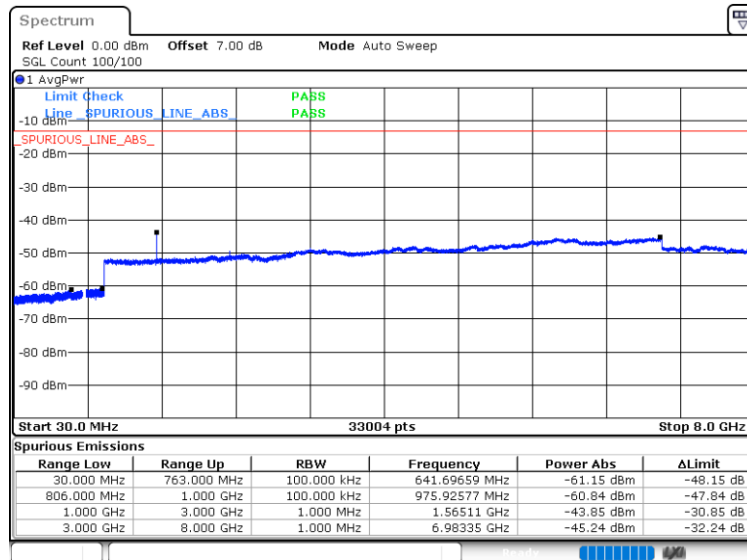
Date: 17.OCT.2025 20:04:02

Middle Channel / QPSK



Date: 17.OCT.2025 20:04:55

Highest Channel / QPSK

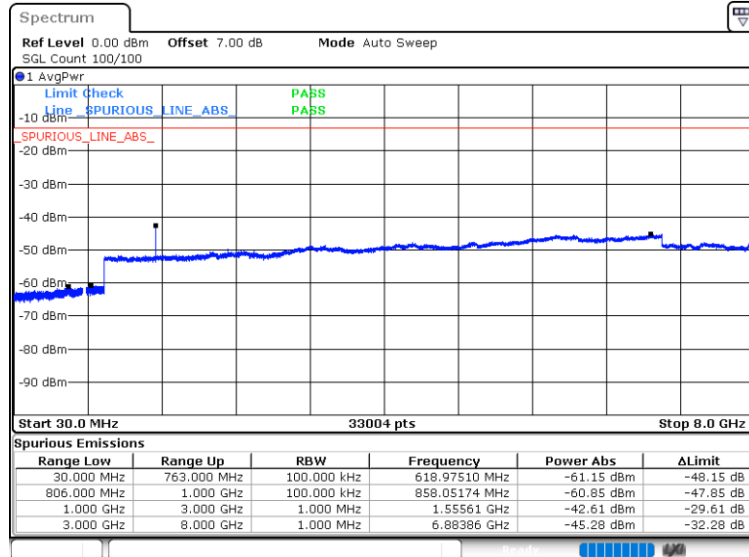


Date: 17.OCT.2025 20:07:15



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 17.OCT.2025 20:09:37

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	0.0047	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0175	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0109	
-10	Normal Voltage	0.0171	
-20	Normal Voltage	0.0178	
-30	Normal Voltage	0.0109	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0035	

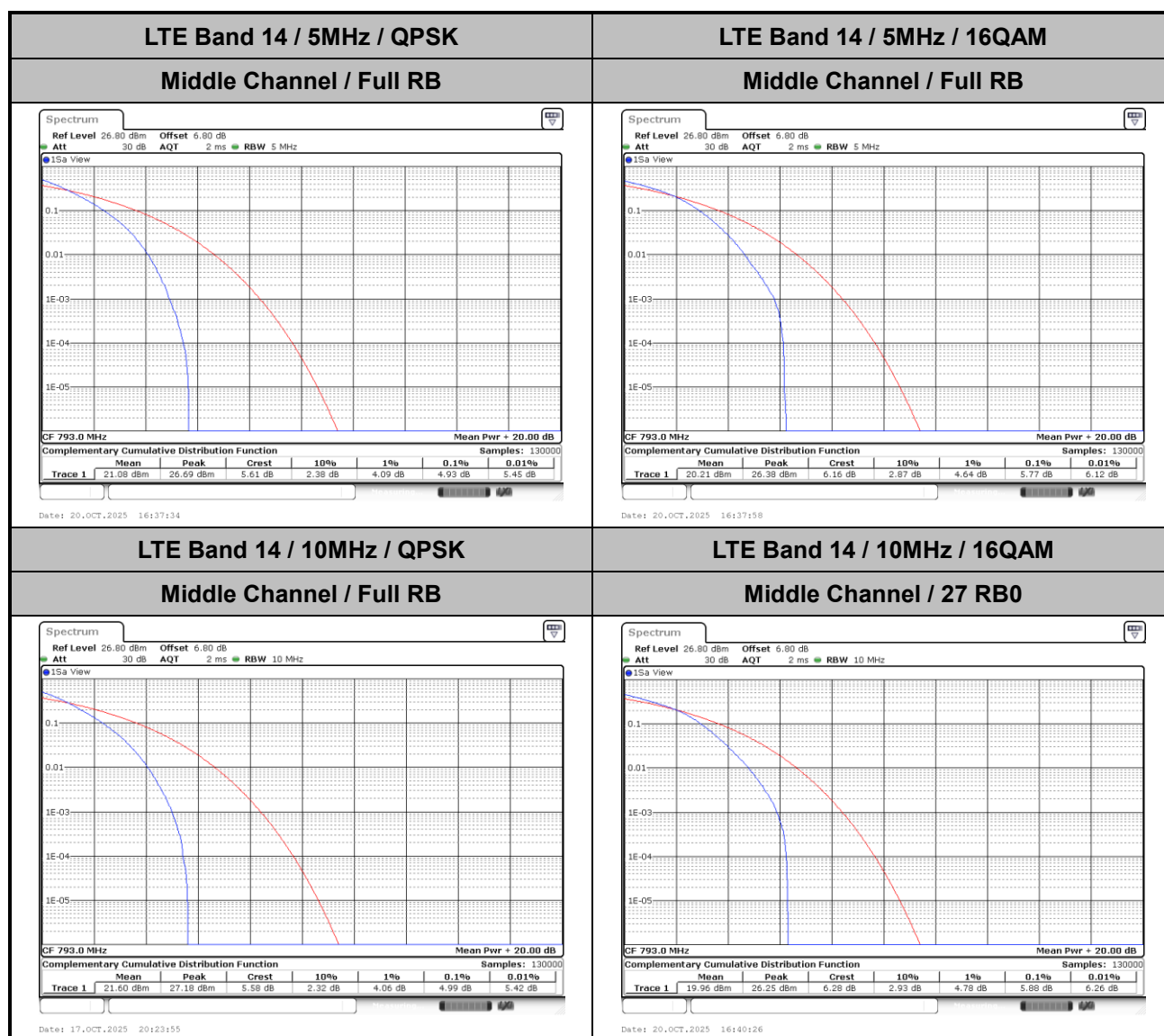
Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 14

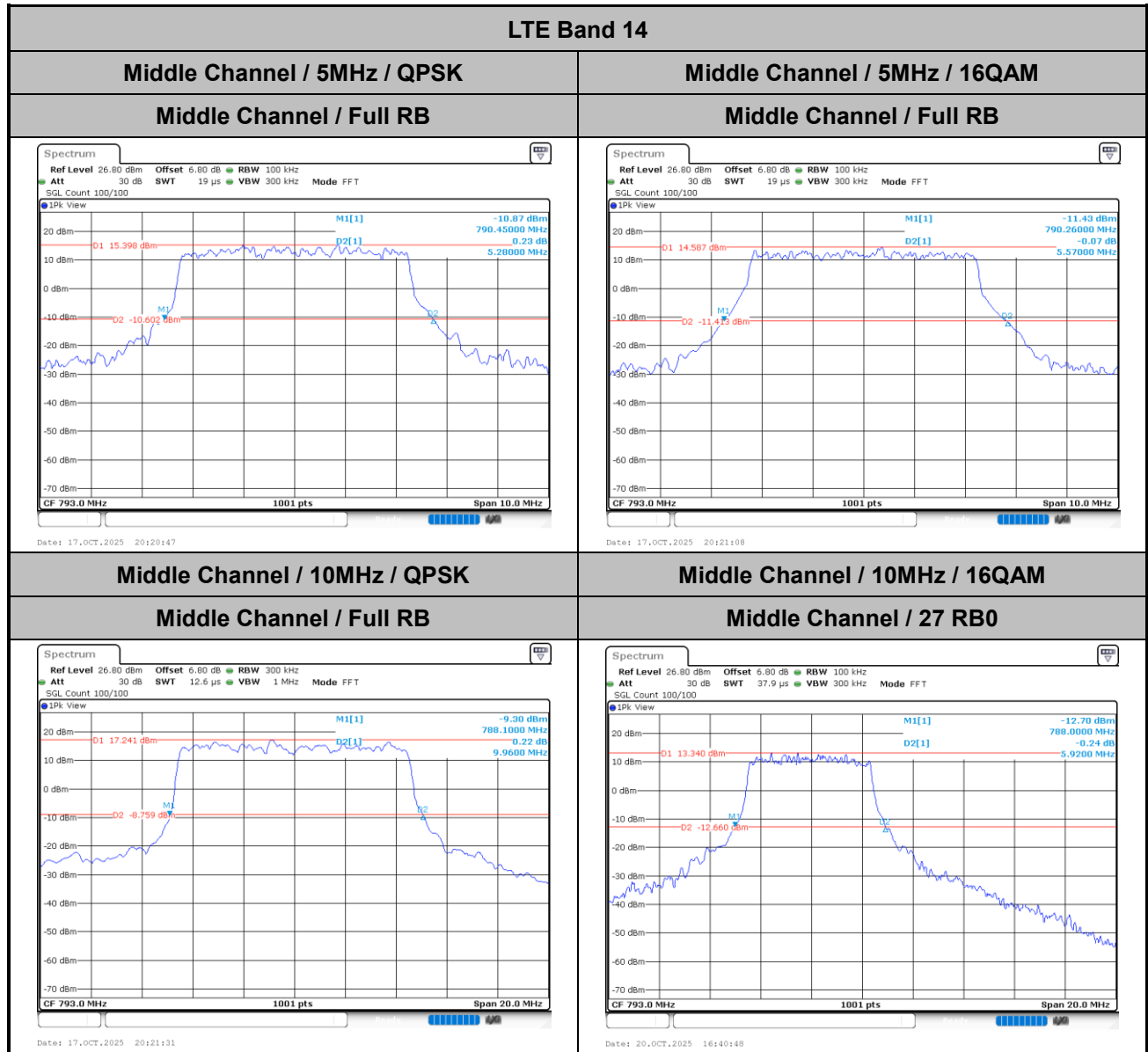
Peak-to-Average Ratio

Mode	LTE Band 14 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.93	5.77	PASS
Mode	LTE Band 14 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	27 RB	Result
Middle CH	4.99	5.88	PASS



**26dB Bandwidth**

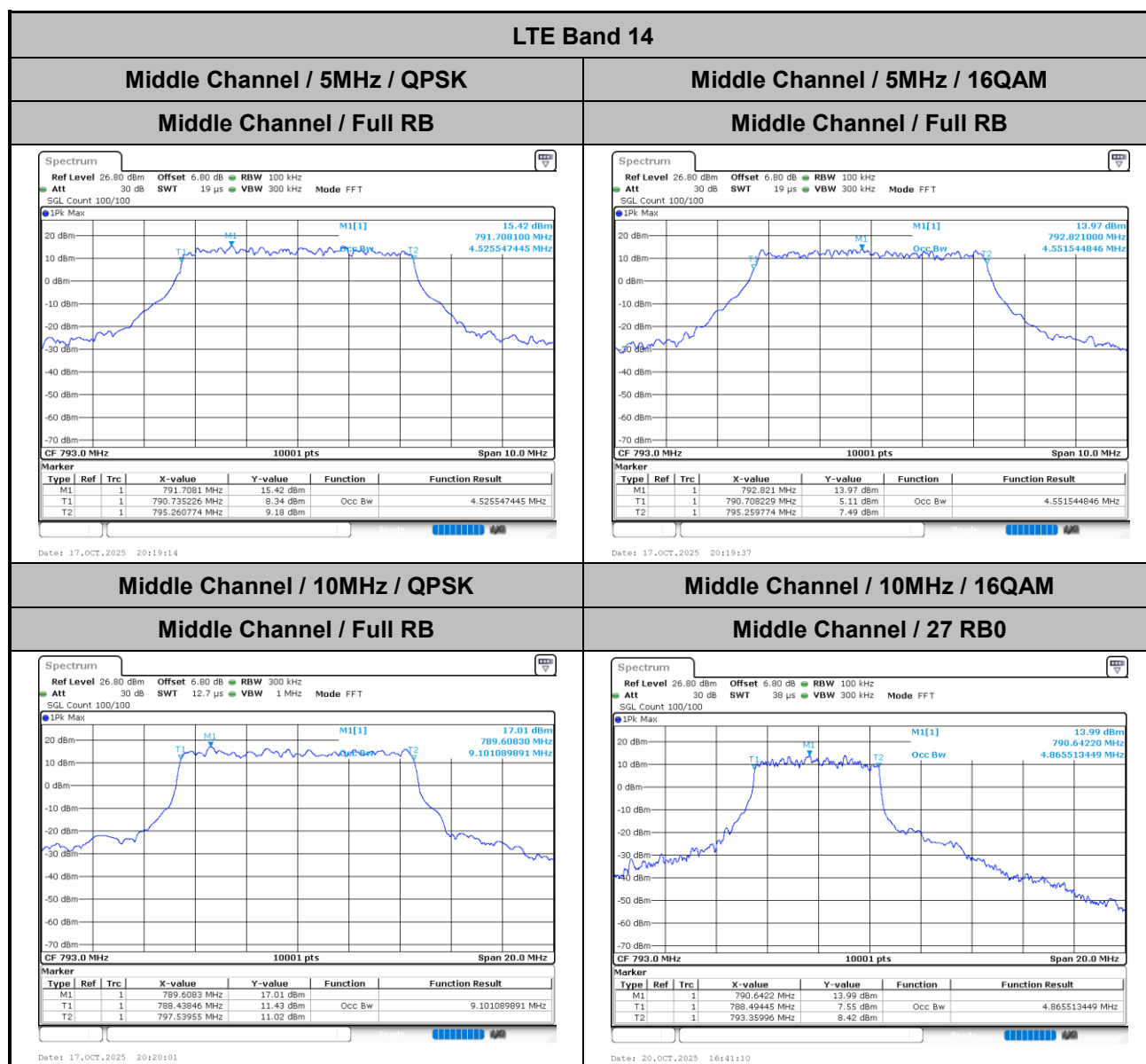
Mode	LTE Band 14 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.28	5.57	9.96	5.92	-	-	-	-





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	-	-	-	-	4.52	4.55	9.10	4.86	-	-	-	-



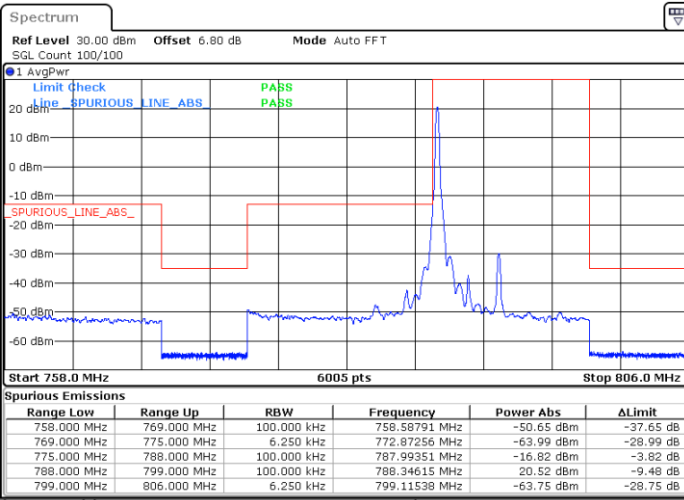


Conducted Band Edge

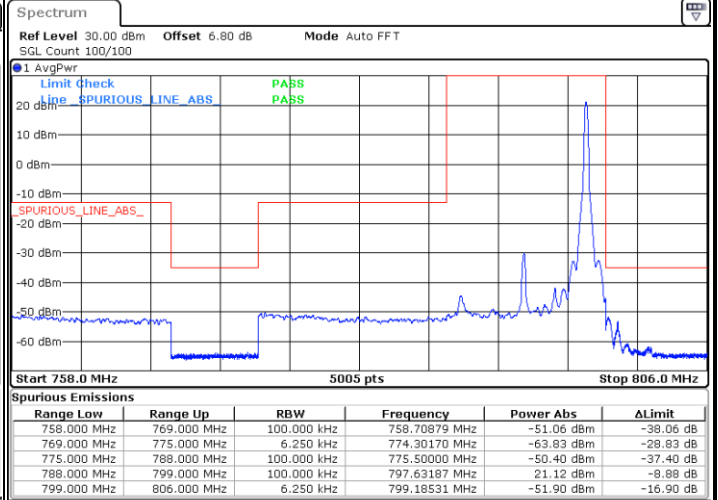
LTE Band 14 / 5MHz / QPSK

Lowest Band Edge / 1 RB0

Highest Band Edge / 1 RBmax



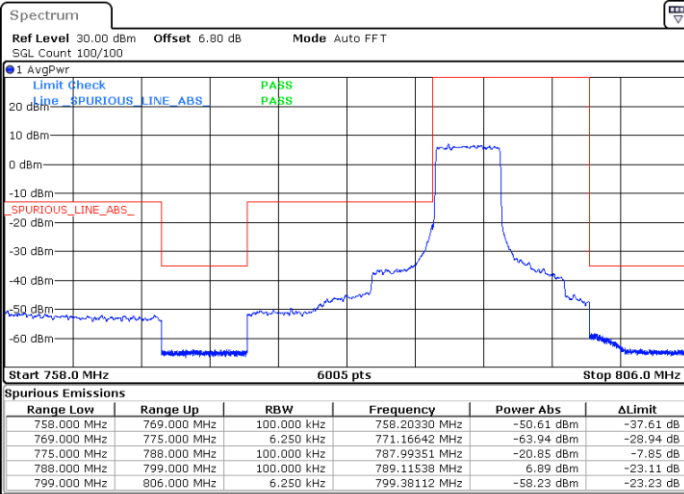
Date: 17.OCT.2025 20:36:04



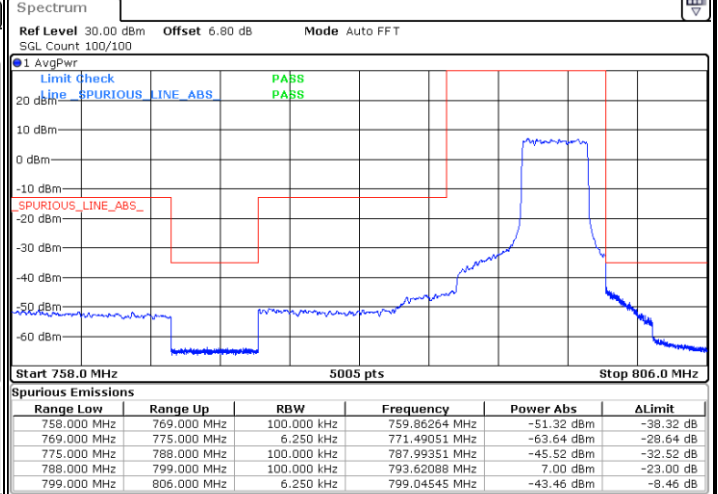
Date: 17.OCT.2025 20:50:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.OCT.2025 20:26:01



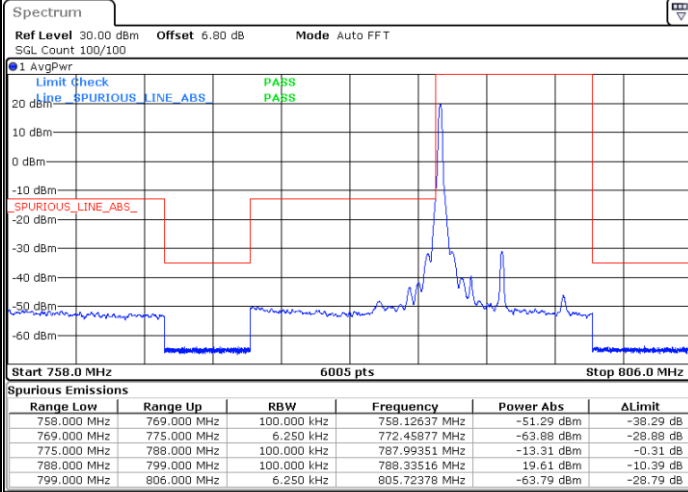
Date: 17.OCT.2025 20:40:21



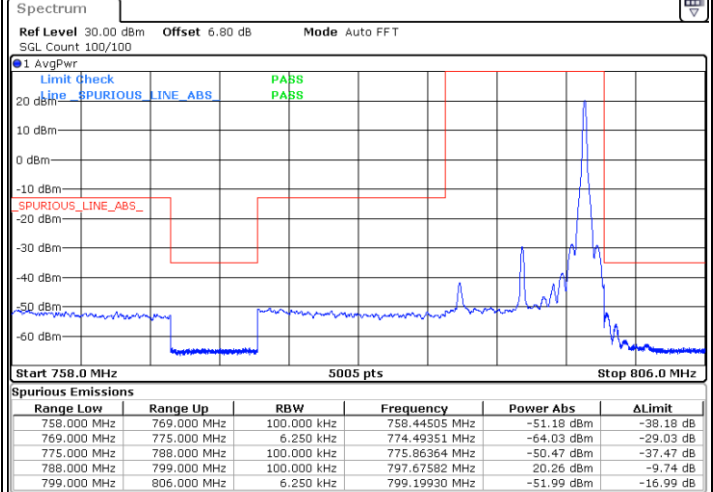
LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB0

Highest Band Edge / 1 RBmax



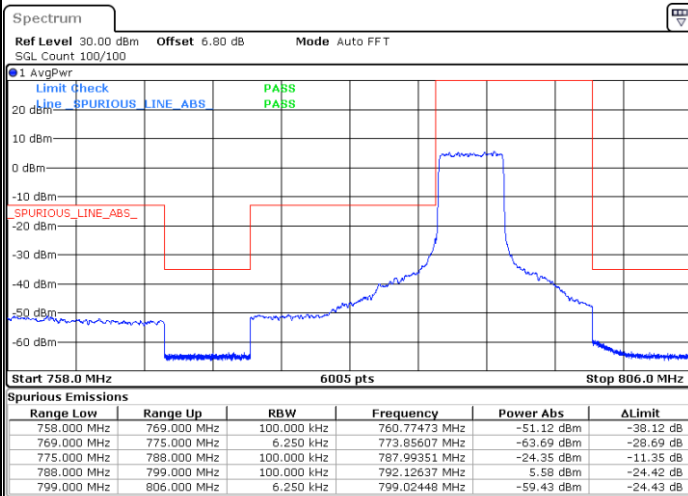
Date: 20.OCT.2025 17:00:06



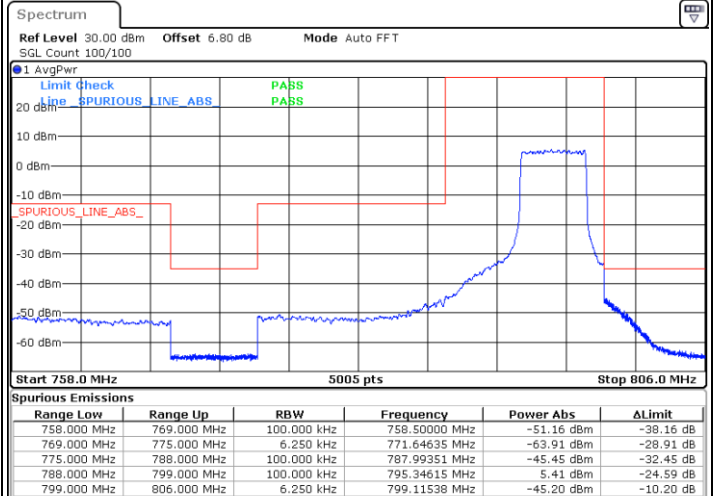
Date: 20.OCT.2025 16:42:56

Lowest Band Edge / Full RB

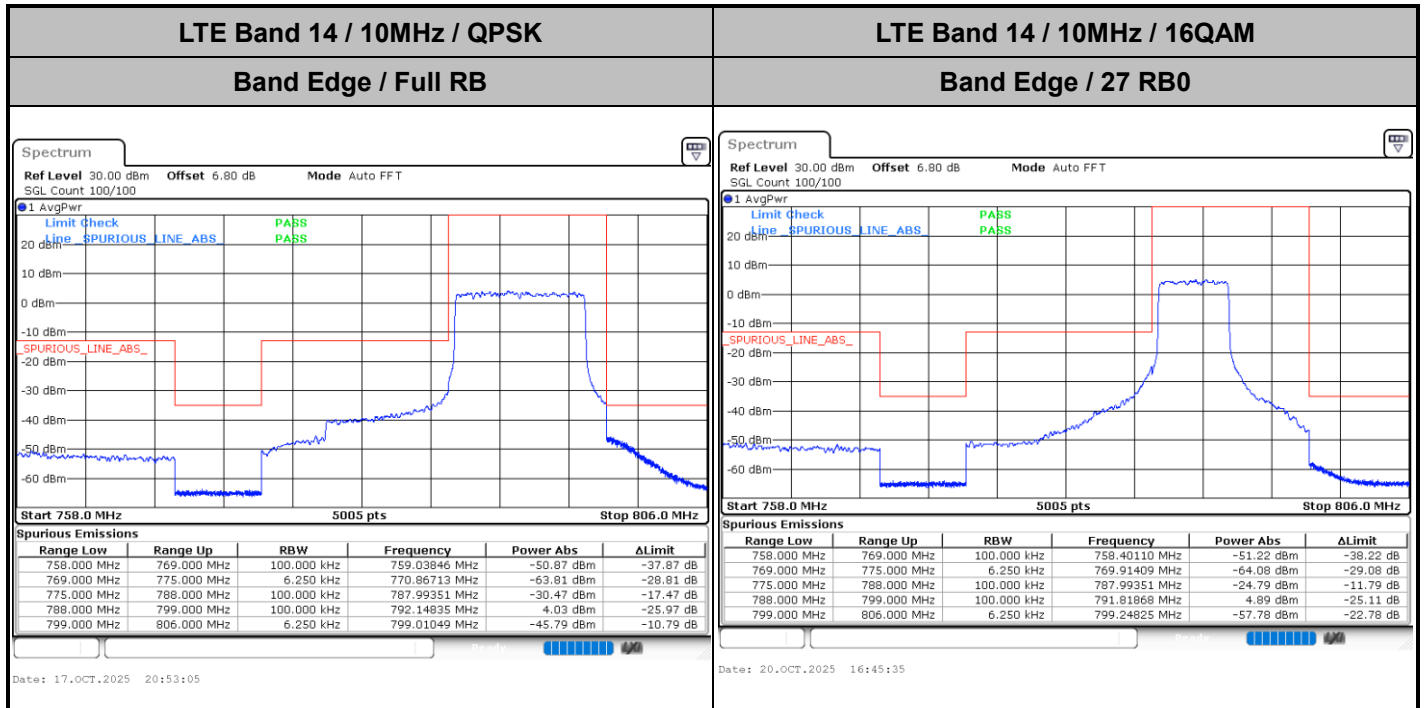
Highest Band Edge / Full RB



Date: 20.OCT.2025 16:43:49



Date: 20.OCT.2025 16:44:41

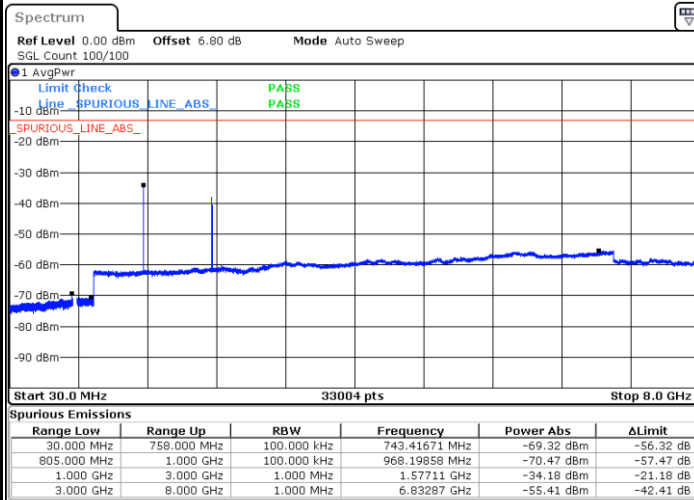




Conducted Spurious Emission

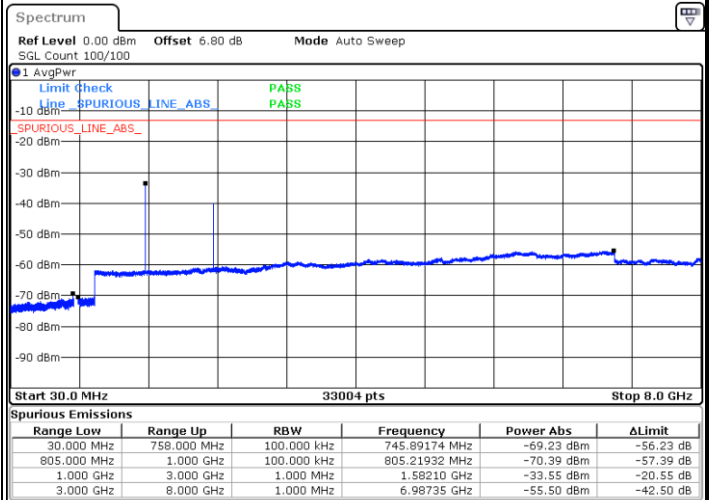
LTE Band 14 / 5MHz

Lowest Channel / QPSK



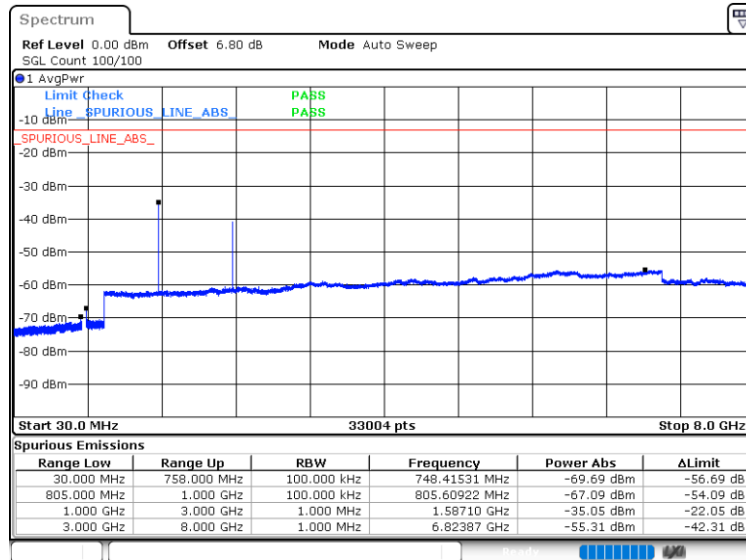
Date: 17.OCT.2025 21:10:45

Middle Channel / QPSK



Date: 17.OCT.2025 21:12:25

Highest Channel / QPSK

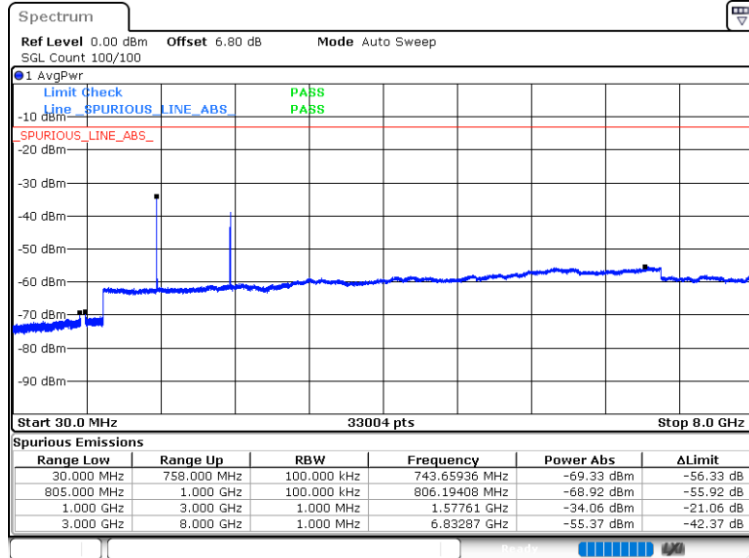


Date: 17.OCT.2025 21:14:06



LTE Band 14 / 10MHz

Middle Channel / QPSK



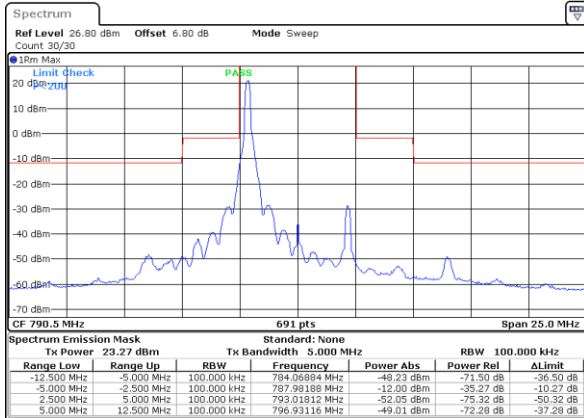
Date: 17.OCT.2025 21:15:43



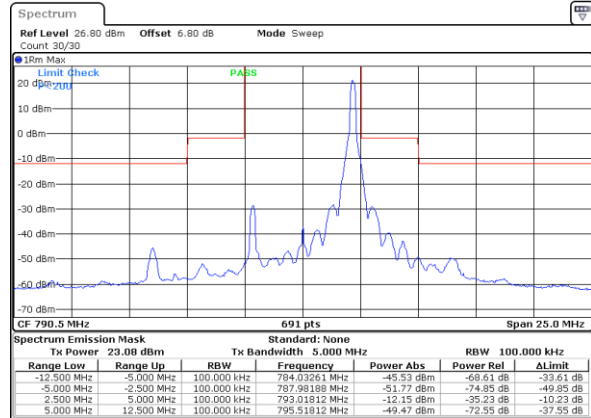
Mask

LTE Band 14 / 5MHz / QPSK

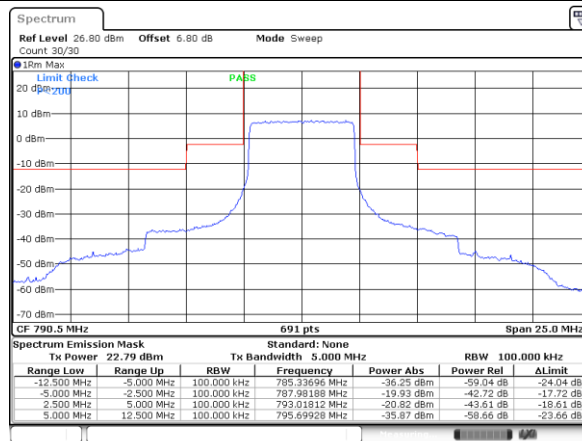
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



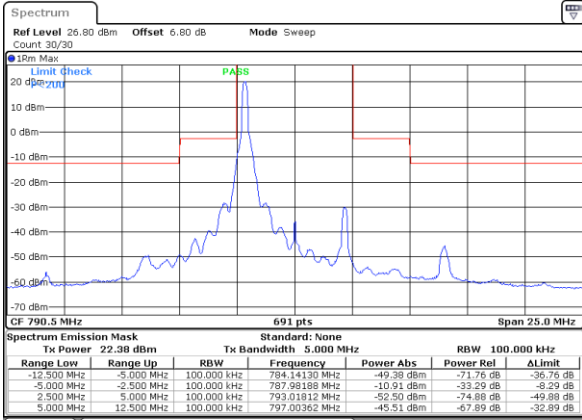
Lowest Channel / Full RB



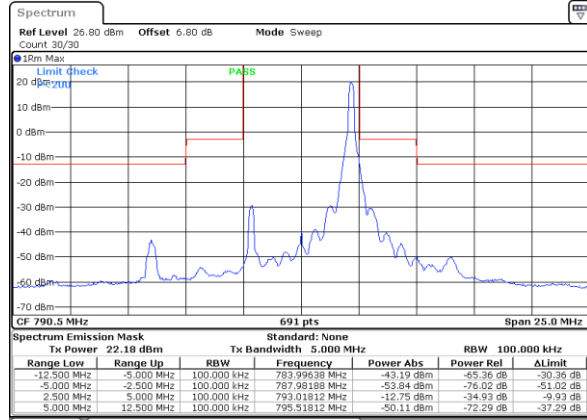


LTE Band 14 / 5MHz / 16QAM

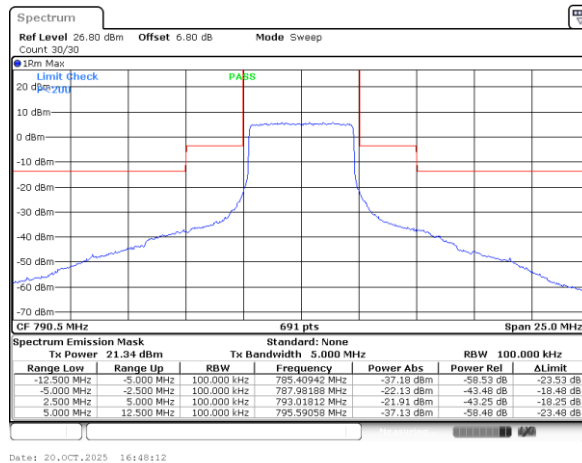
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



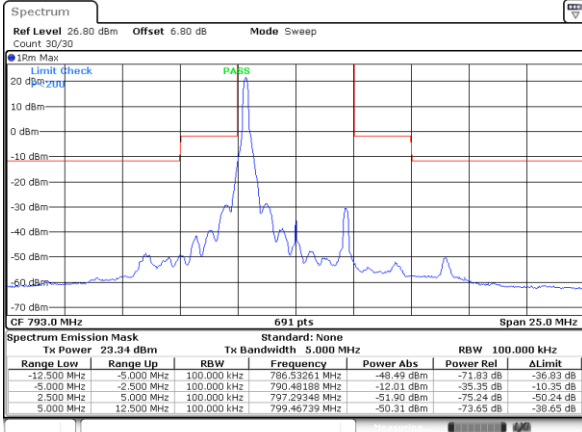
Lowest Channel / Full RB



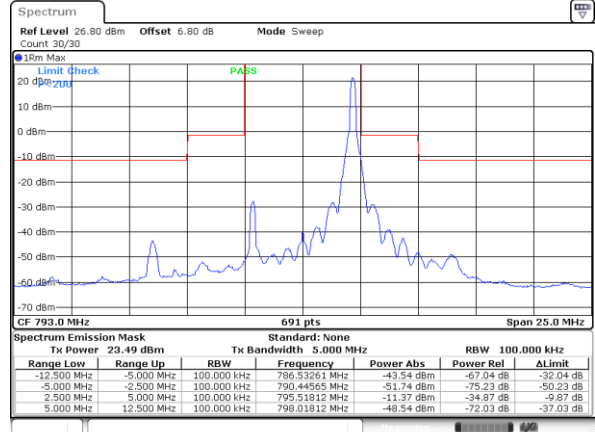


LTE Band 14 / 5MHz / QPSK

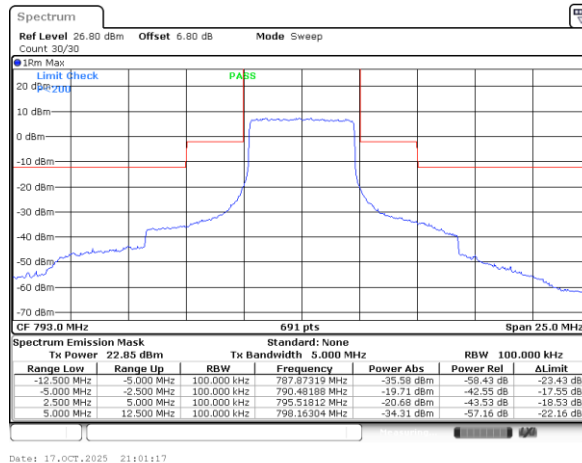
Middle Channel / 1RB0



Middle Channel / 1RBmax



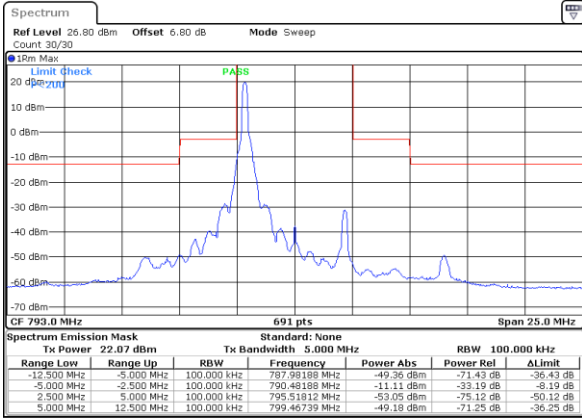
Middle Channel / Full RB



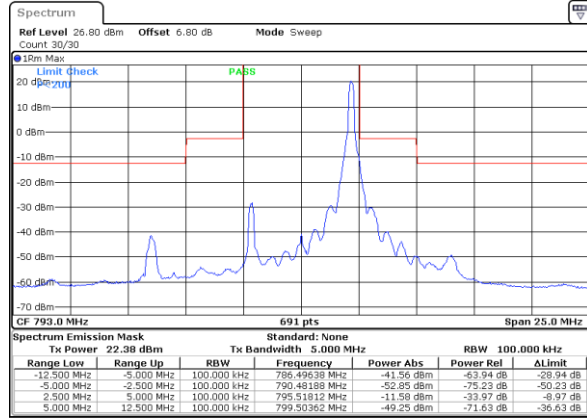


LTE Band 14 / 5MHz / 16QAM

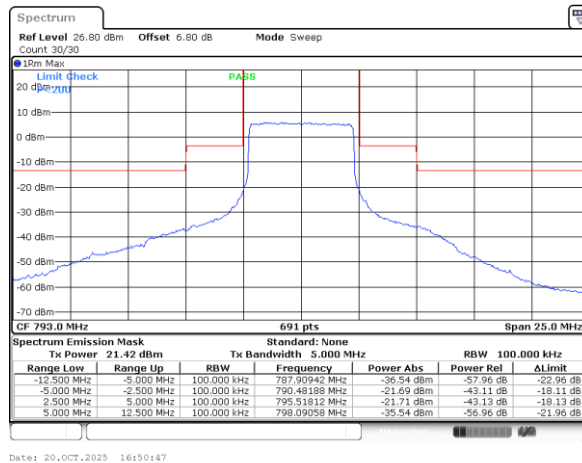
Middle Channel / 1RB0



Middle Channel / 1RBmax



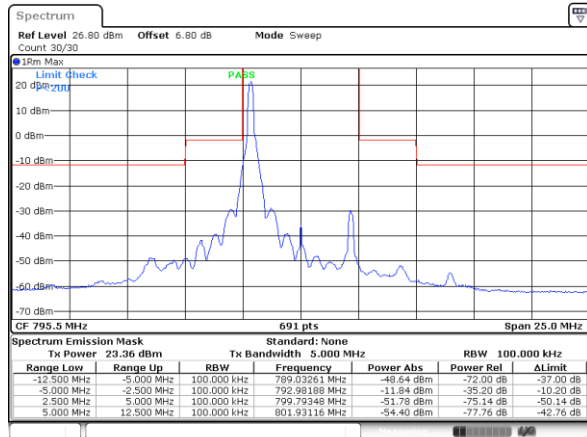
Middle Channel / Full RB



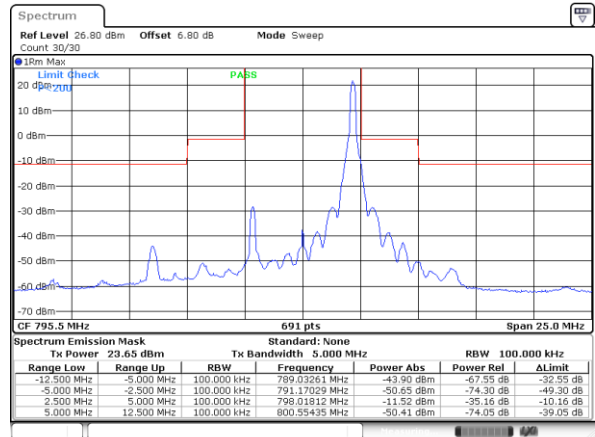


LTE Band 14 / 5MHz / QPSK

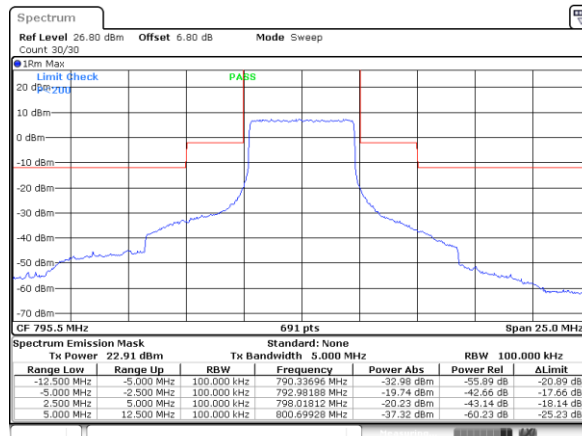
Highest Channel / 1RB0



Highest Channel / 1RBmax



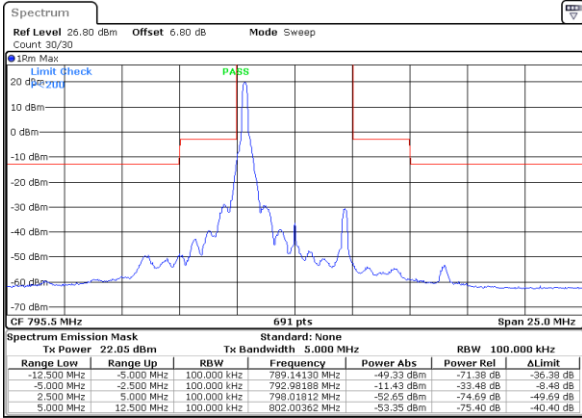
Highest Channel / Full RB



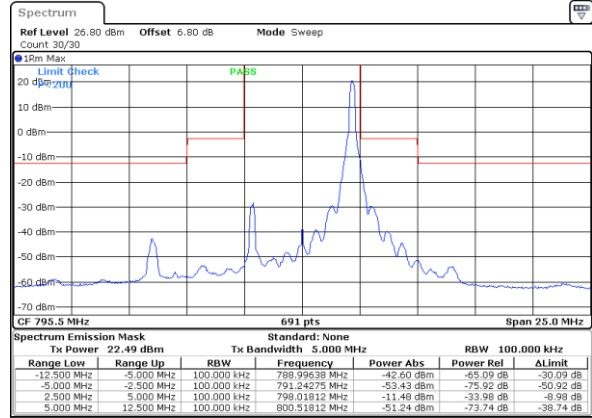


LTE Band 14 / 5MHz / 16QAM

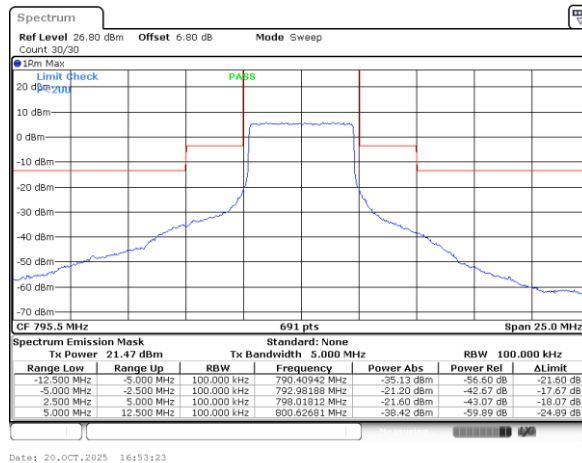
Highest Channel / 1RB0

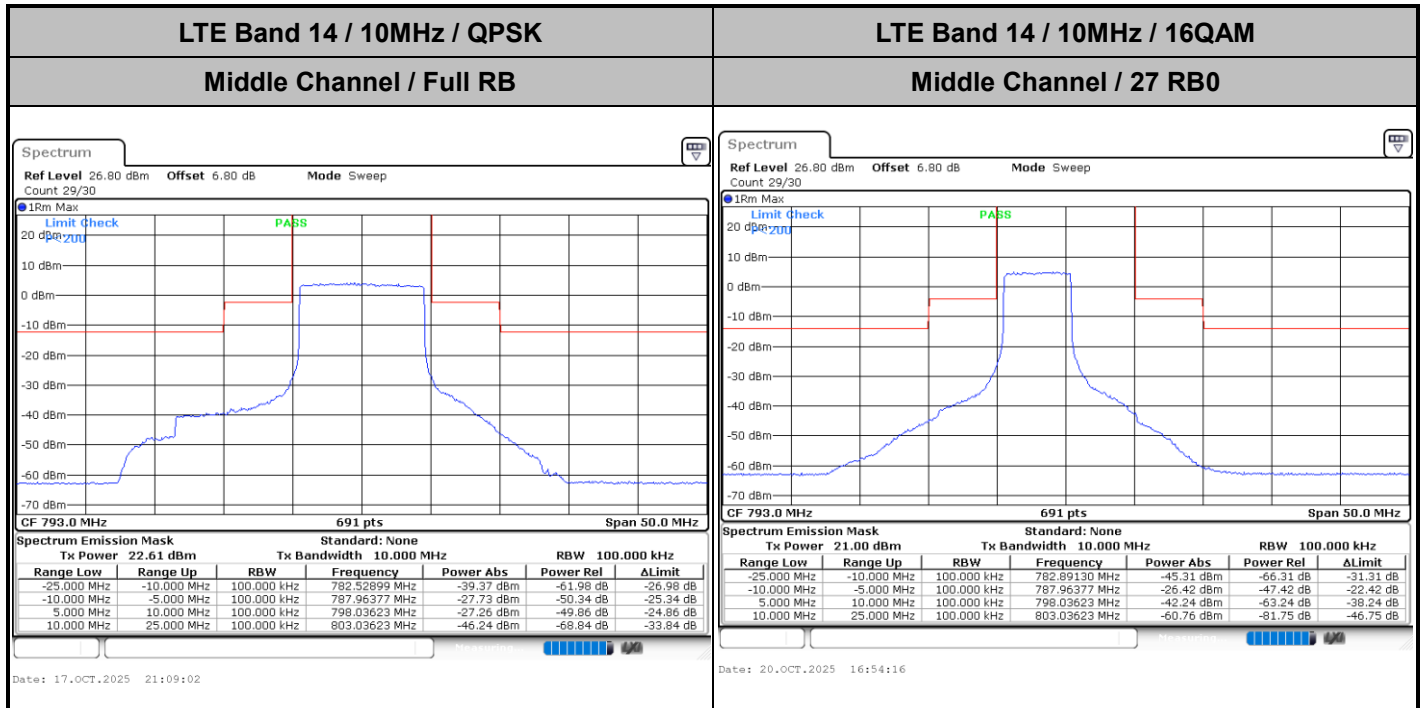


Highest Channel / 1RBmax



Highest 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	0.0110	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0071	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0098	
0	Normal Voltage	0.0183	
-10	Normal Voltage	0.0040	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0160	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0184	

Note:

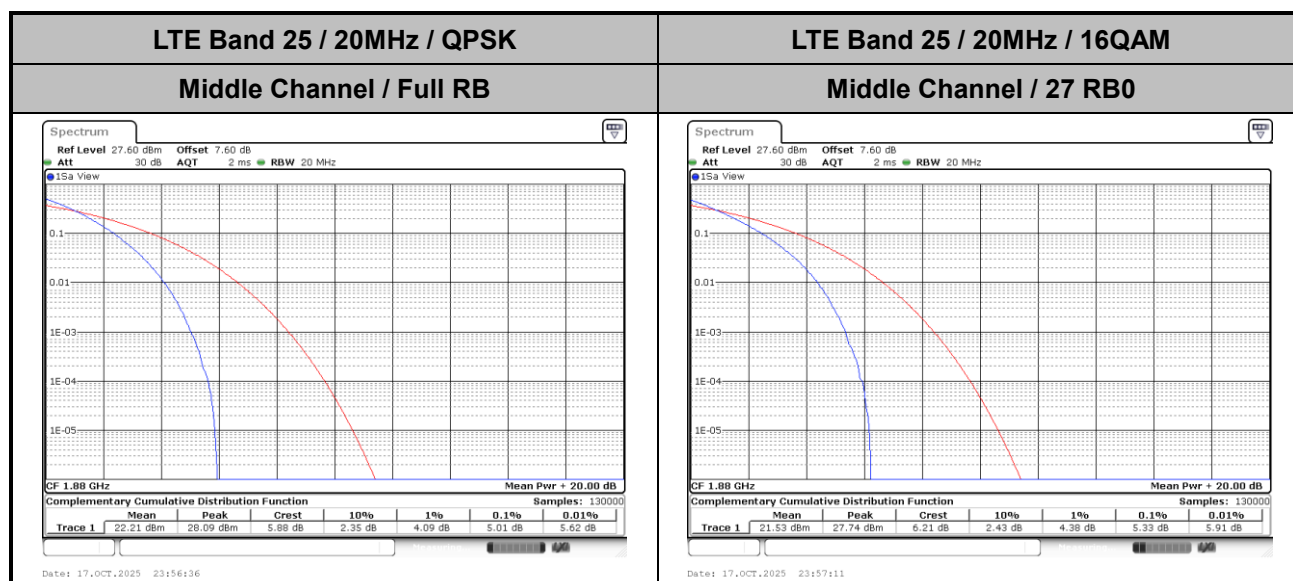
1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

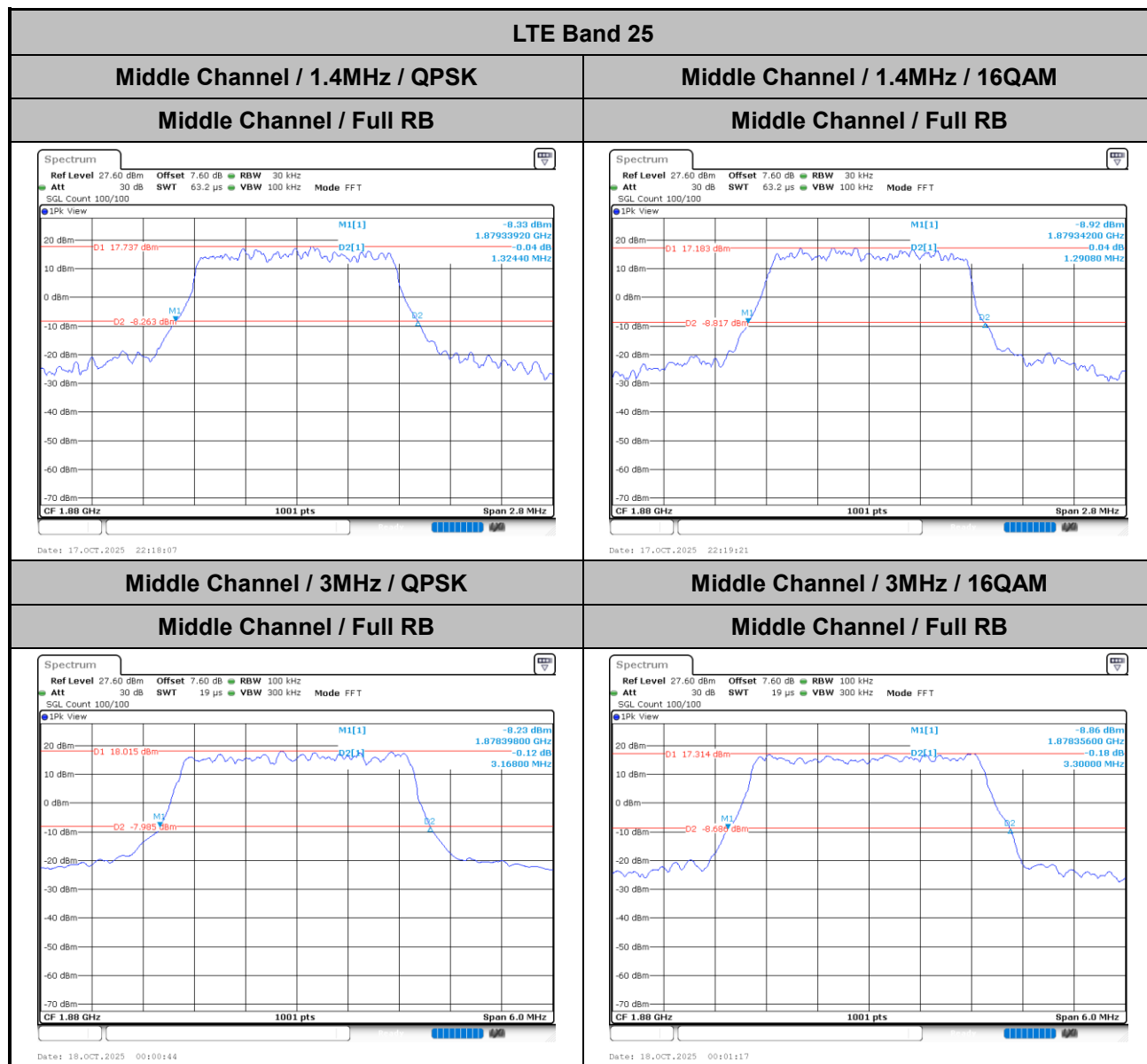
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	27 RB	Result
Middle CH	5.01	5.33	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	1.29	3.16	3.30	5.28	5.39	10.00	5.64	15.12	6.21	19.36	6.04





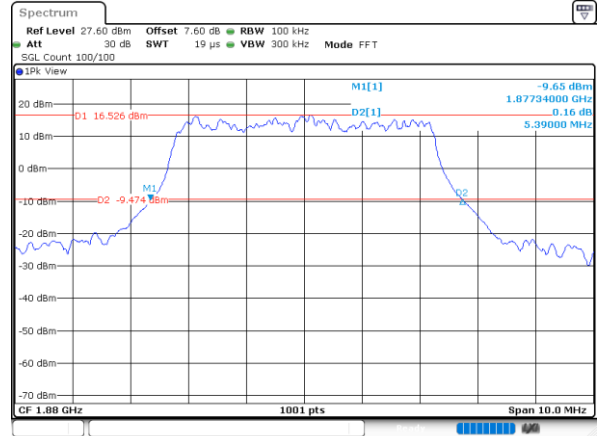
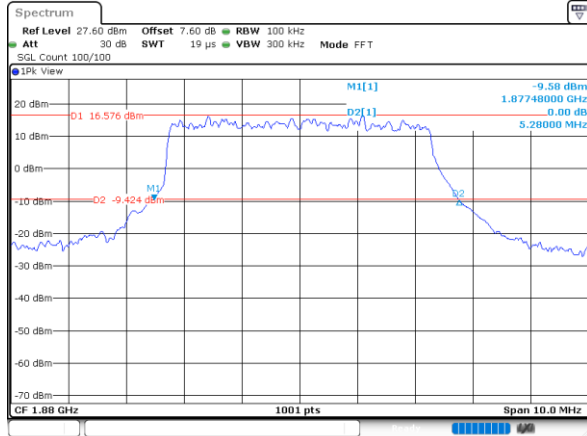
LTE Band 25

Middle Channel / 5MHz / QPSK

Middle Channel / 5MHz / 16QAM

Middle Channel / Full RB

Middle Channel / Full RB

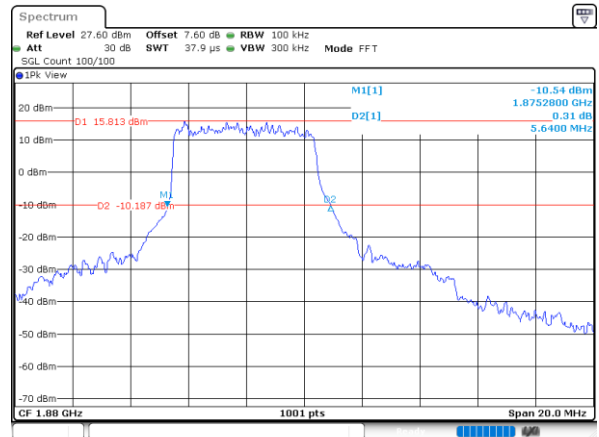
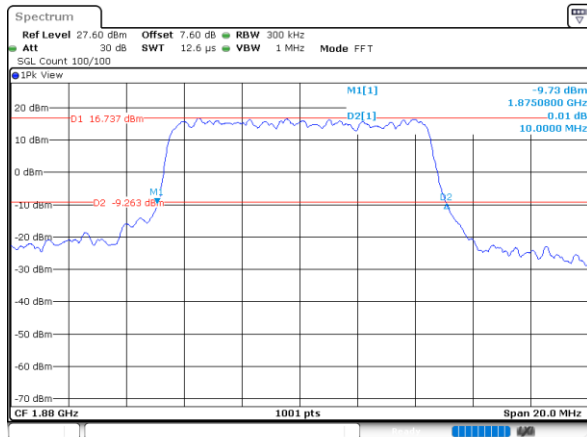


Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM

Middle Channel / Full RB

Middle Channel / 27 RB0





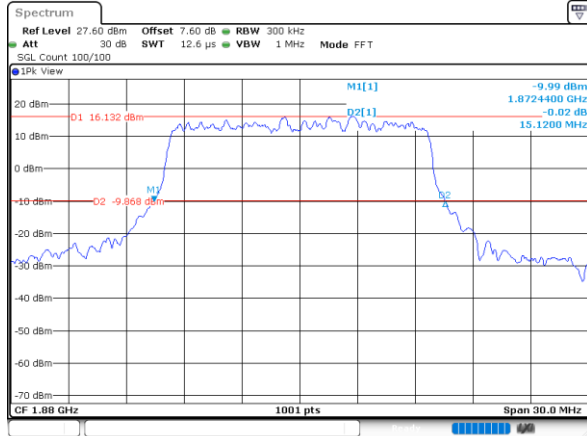
LTE Band 25

Middle Channel / 15MHz / QPSK

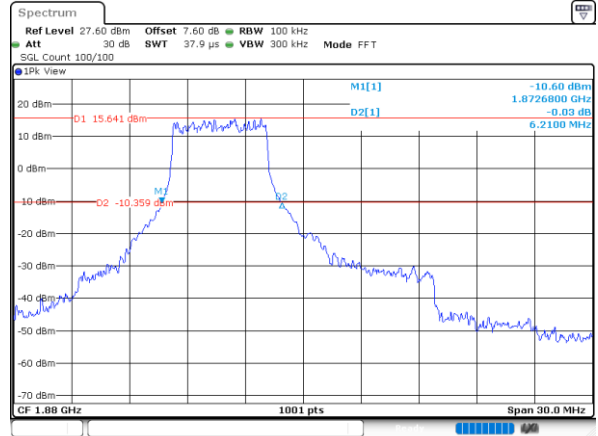
Middle Channel / 15MHz / 16QAM

Middle Channel / Full RB

Middle Channel / 27 RB0



Date: 18.OCT.2025 00:10:14



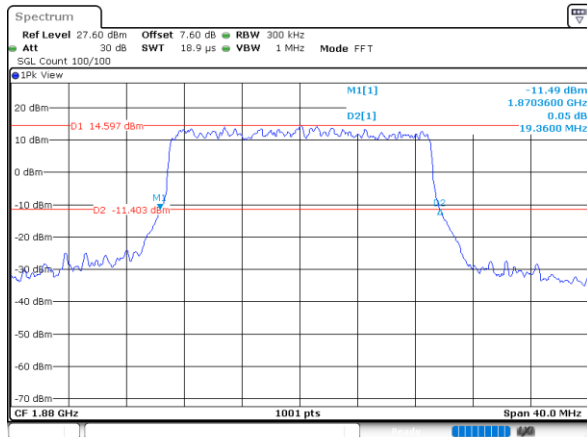
Date: 18.OCT.2025 00:07:48

Middle Channel / 20MHz / QPSK

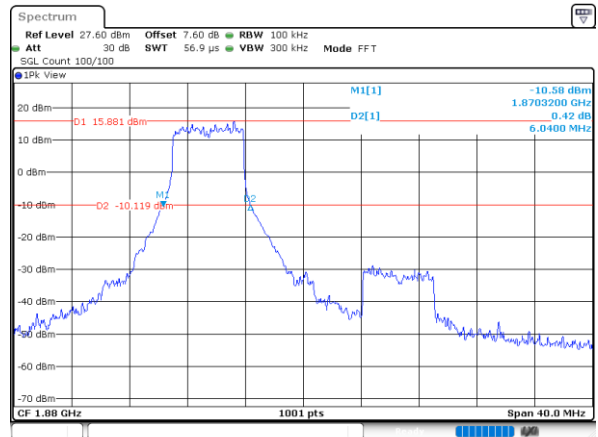
Middle Channel / 20MHz / 16QAM

Middle Channel / Full RB

Middle Channel / 27 RB0



Date: 17.OCT.2025 23:51:01

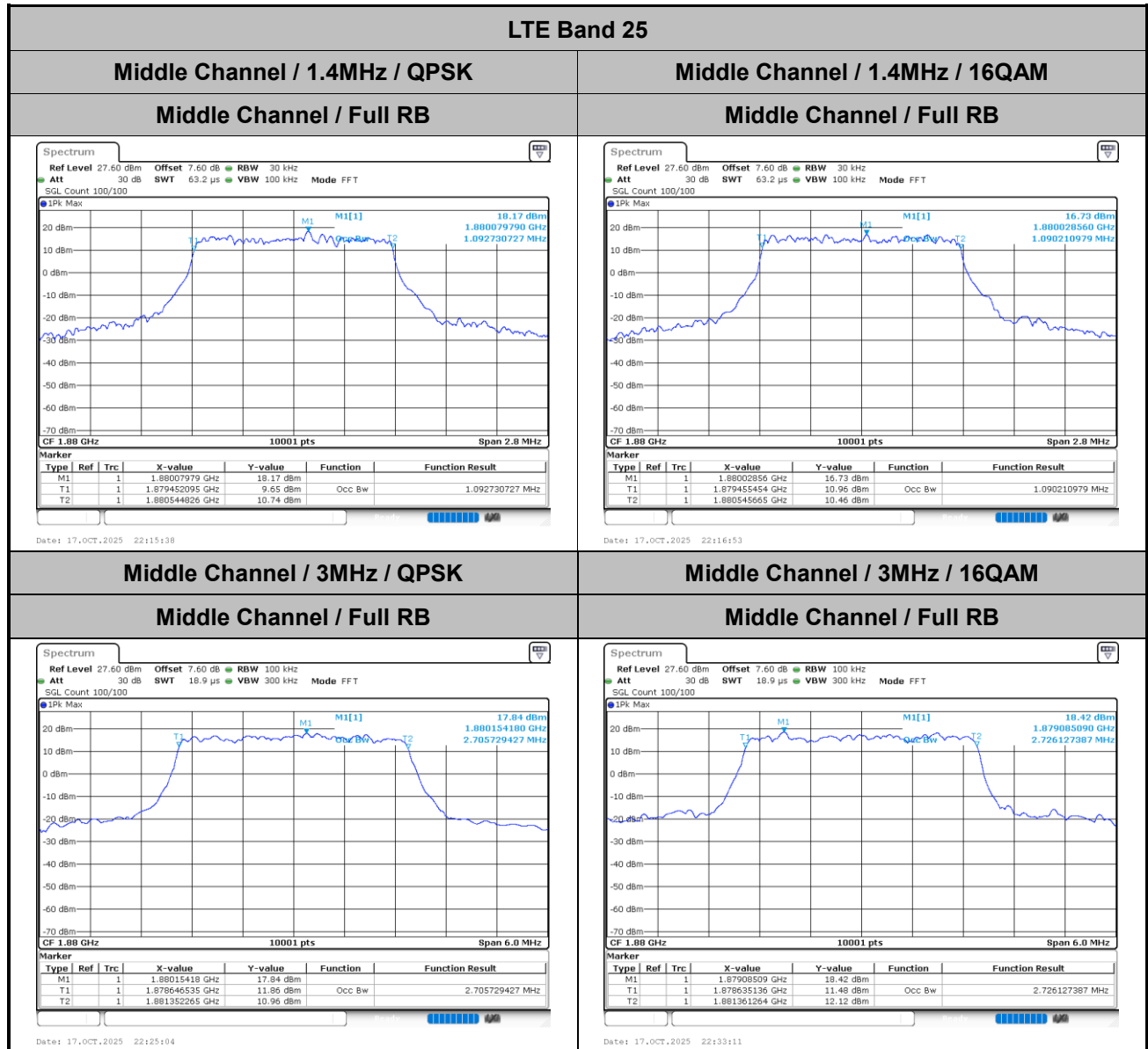


Date: 17.OCT.2025 23:51:40



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	2.70	2.72	4.49	4.53	9.08	4.88	13.47	4.97	17.81	4.85

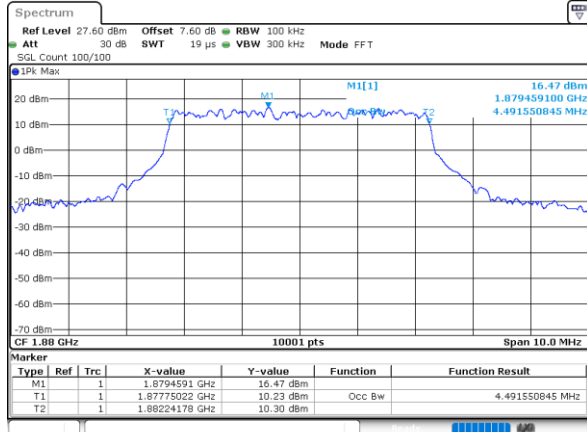




LTE Band 25

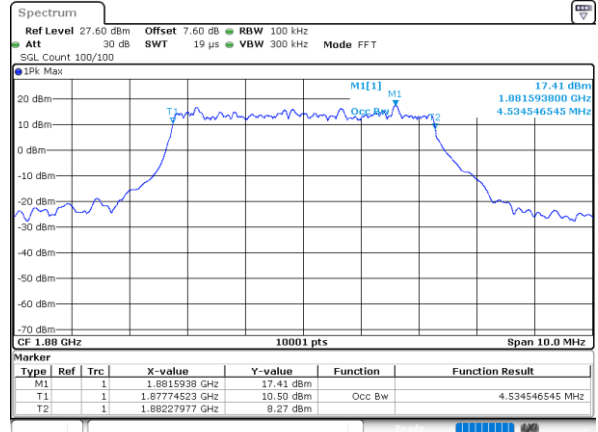
Middle Channel / 5MHz / QPSK

Middle Channel / Full RB



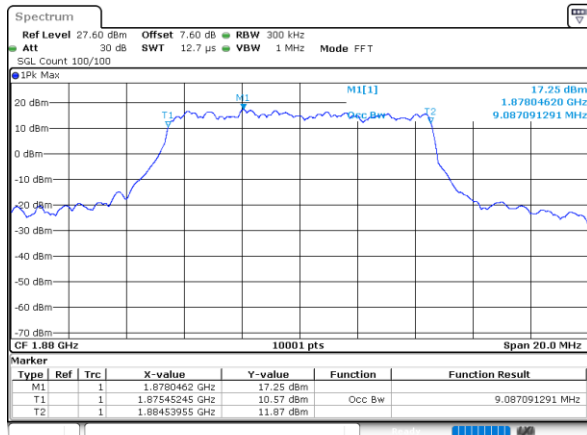
Middle Channel / 5MHz / 16QAM

Middle Channel / Full RB



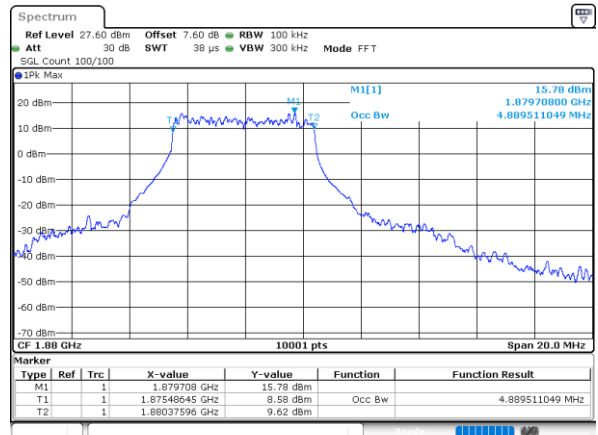
Middle Channel / 10MHz / QPSK

Middle Channel / Full RB



Middle Channel / 10MHz / 16QAM

Middle Channel / 27 RB0

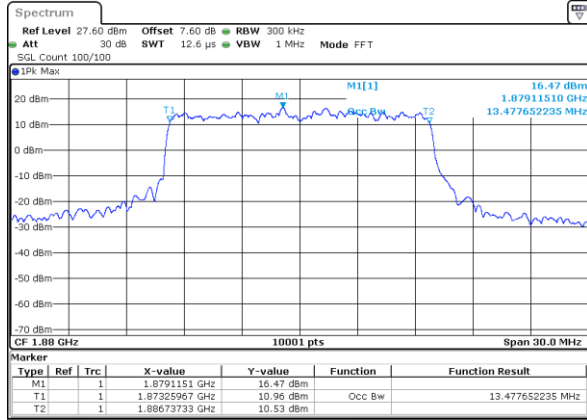




LTE Band 25

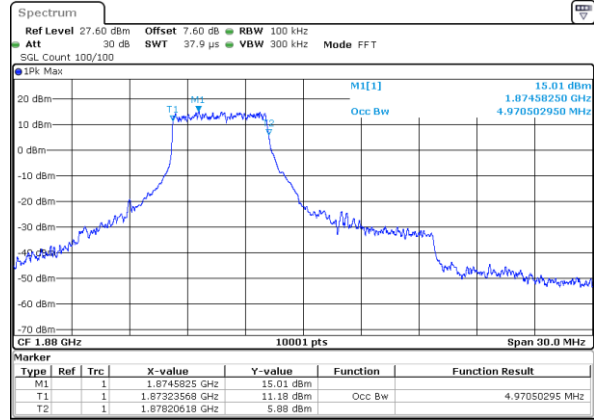
Middle Channel / 15MHz / QPSK

Middle Channel / Full RB



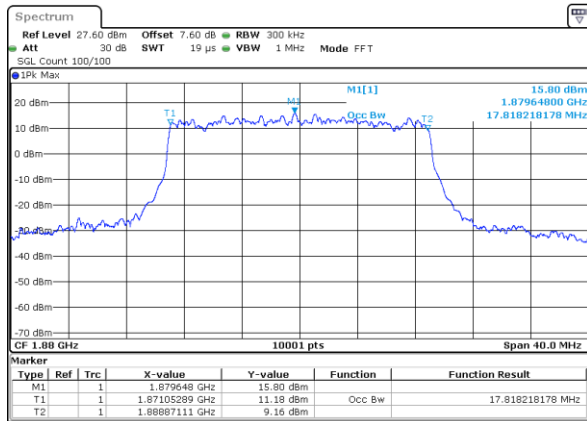
Middle Channel / 15MHz / 16QAM

Middle Channel / 27 RB0



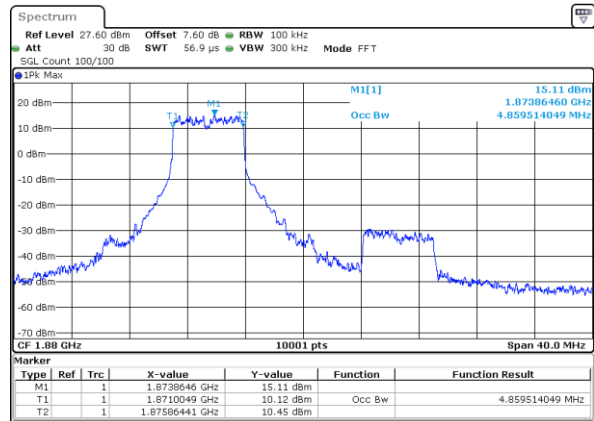
Middle Channel / 20MHz / QPSK

Middle Channel / Full RB



Middle Channel / 20MHz / 16QAM

Middle Channel / 27 RB0

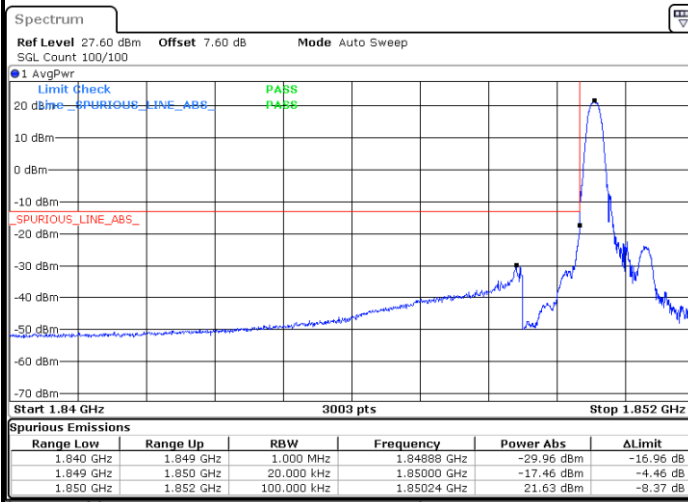




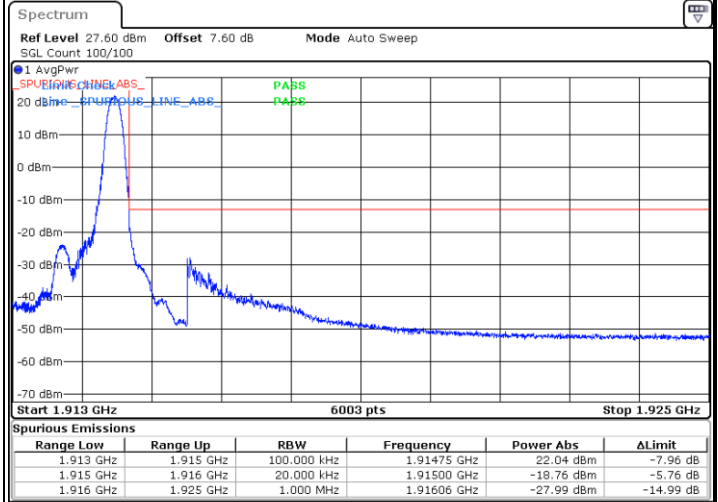
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

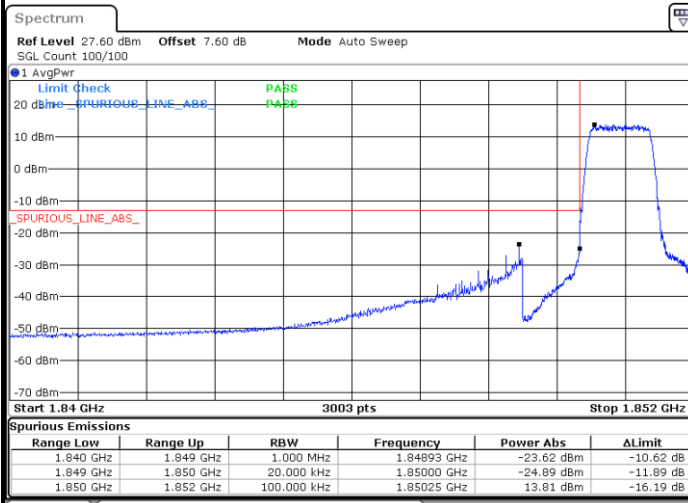
Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

