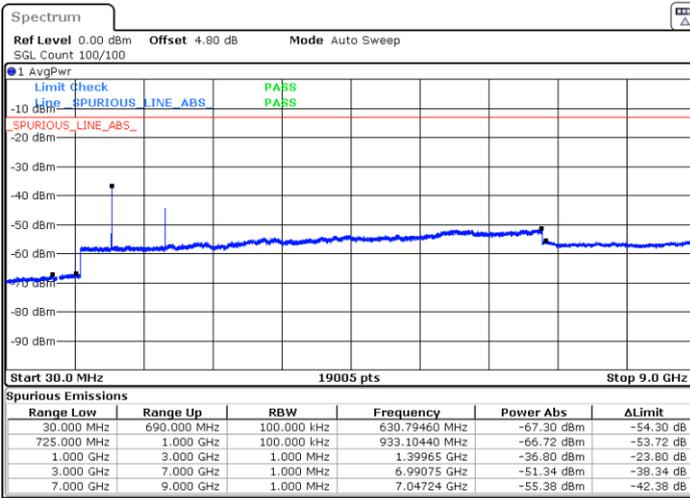




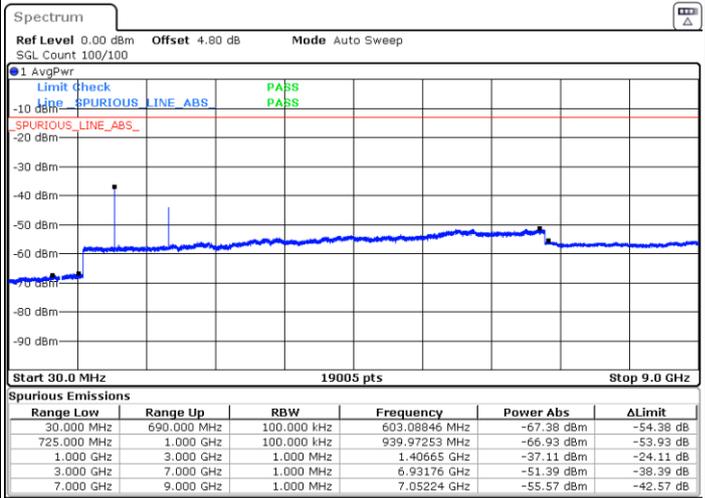
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

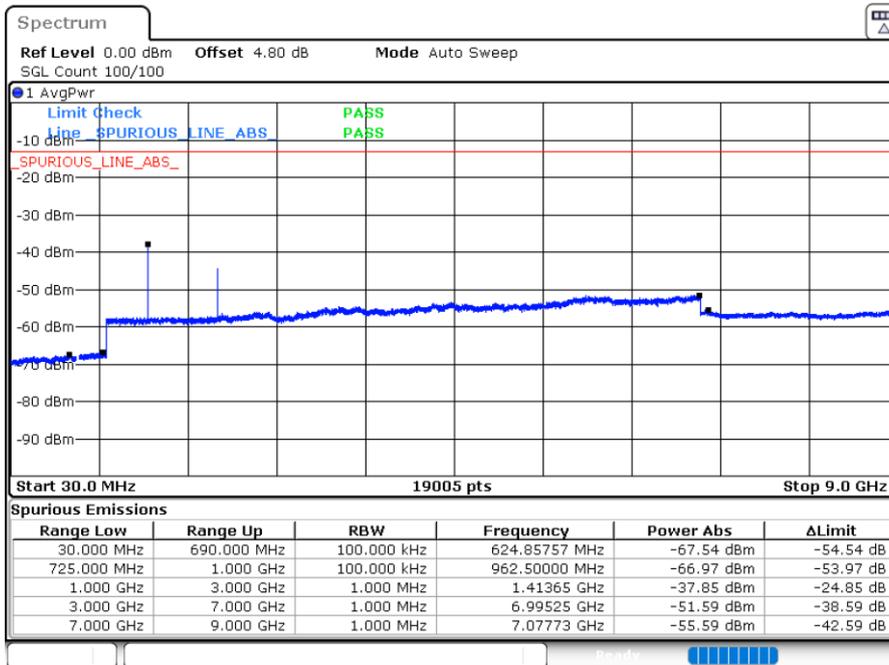


Date: 16.NOV.2024 13:45:29



Date: 16.NOV.2024 14:22:42

Highest Channel / QPSK



Date: 16.NOV.2024 14:24:02



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	0.0026	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0009	

Note:

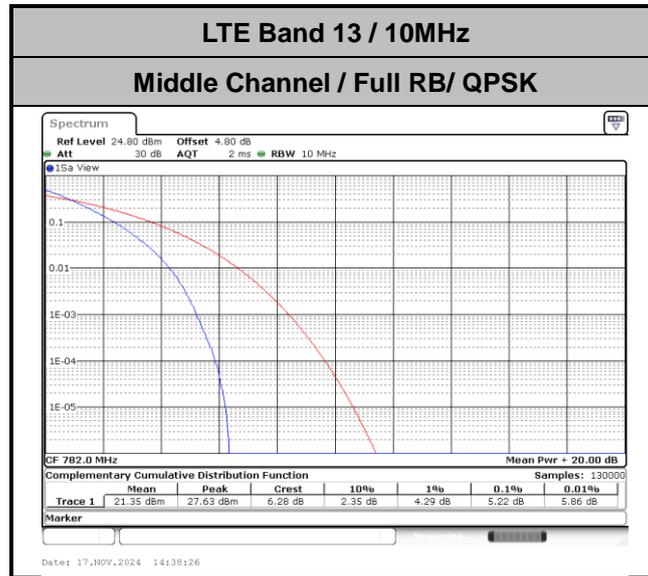
1. Normal Voltage = 3.91V ; Minimum Voltage =3.45V. ; Maximum Voltage =4.53V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

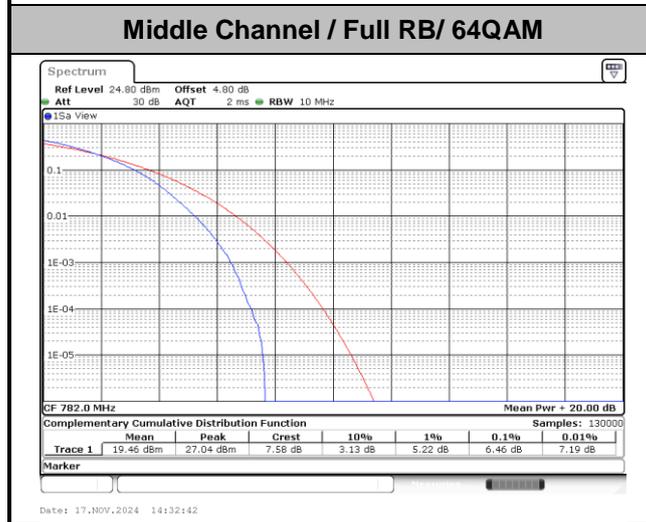
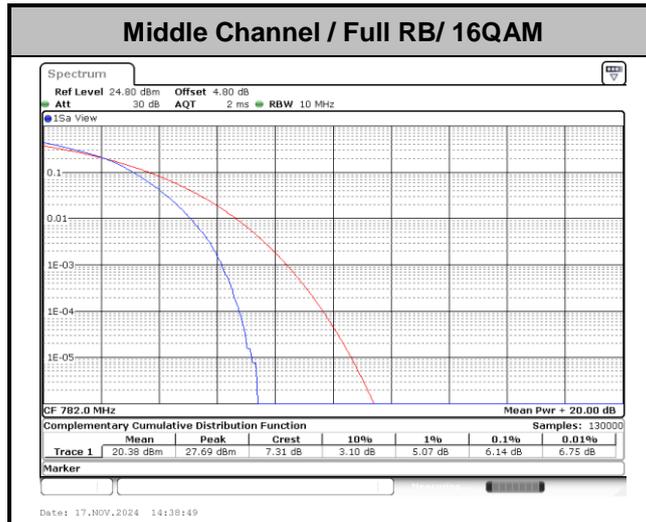


LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.14	6.46	PASS

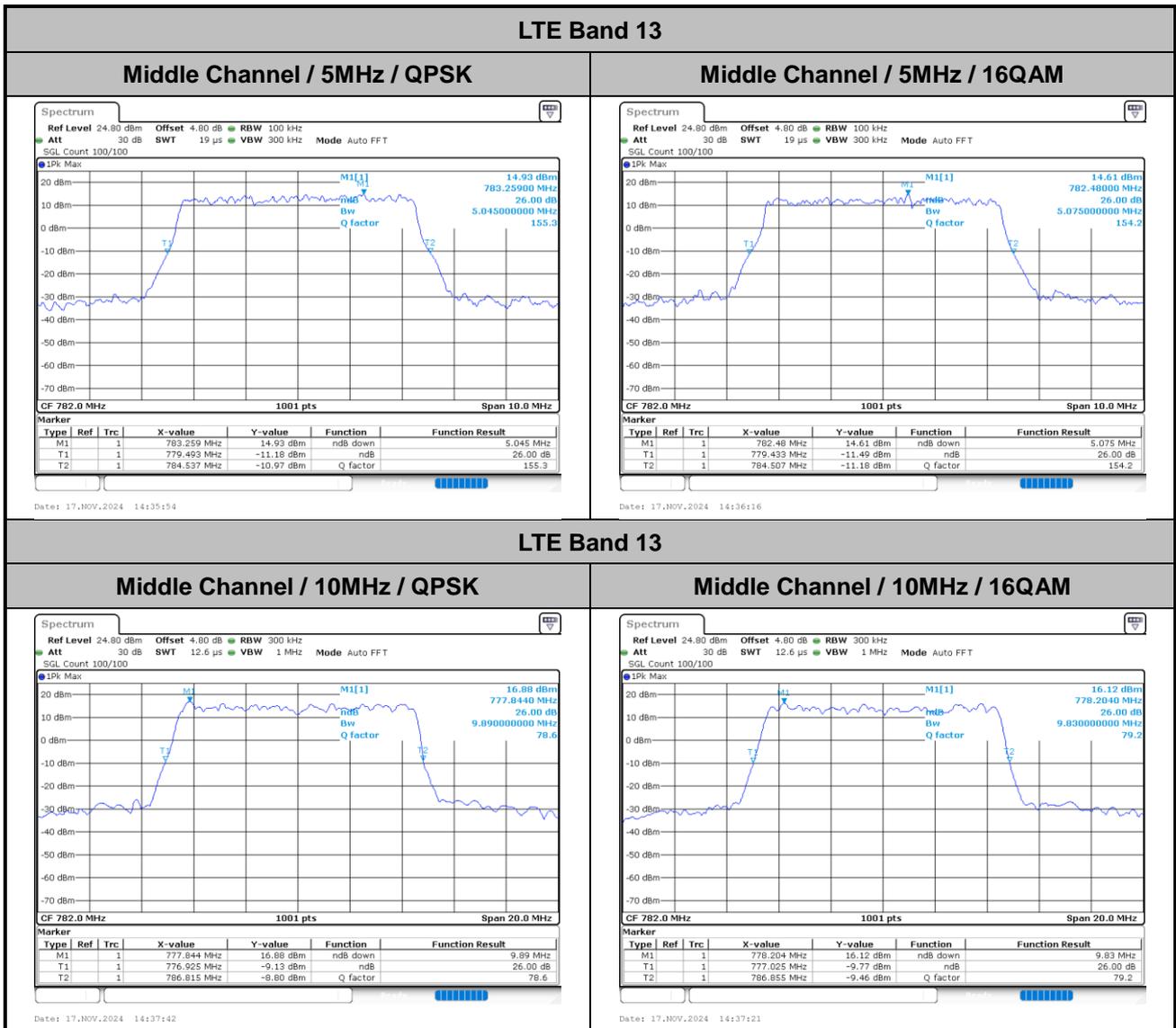






26dB Bandwidth

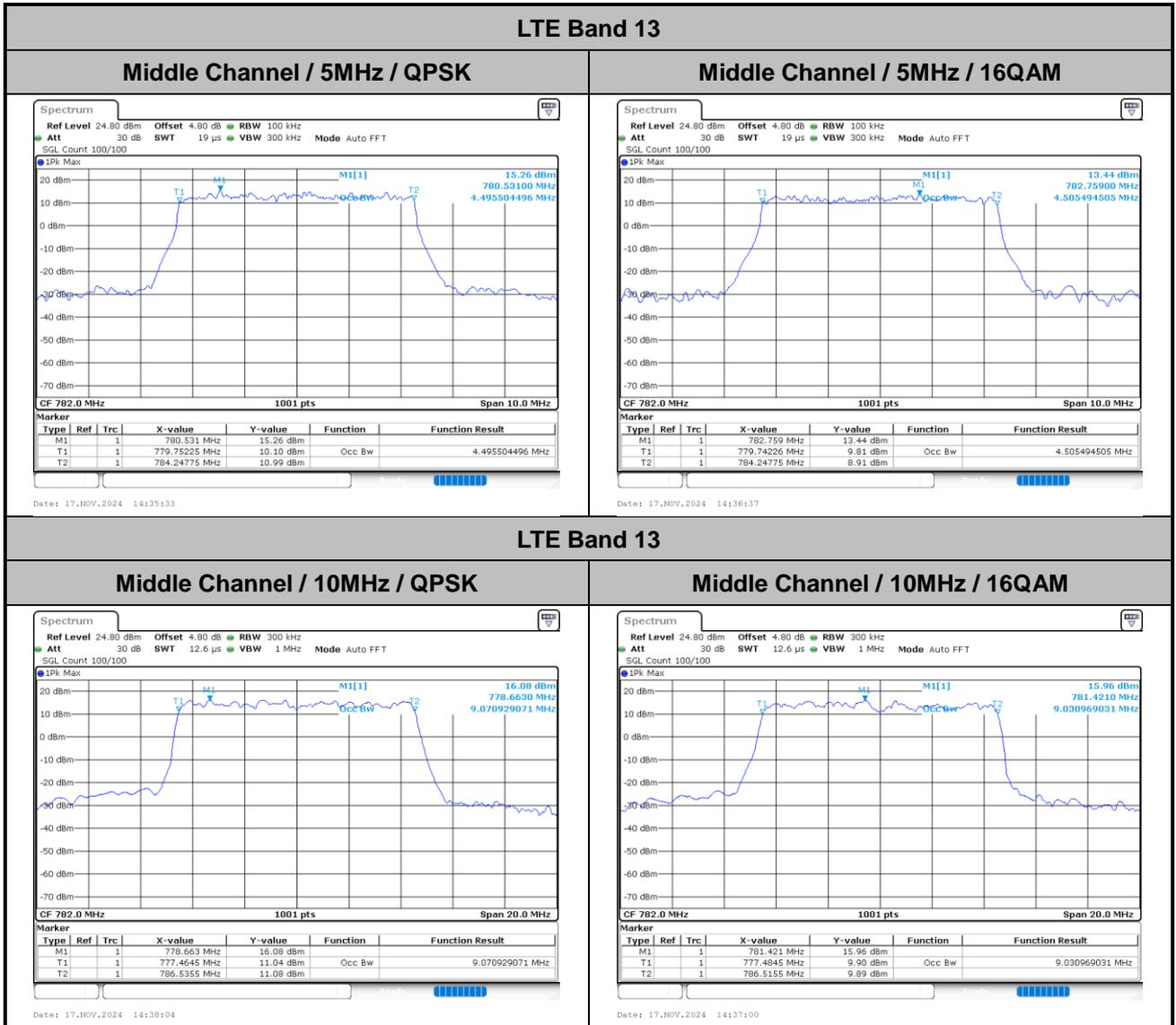
Mode	LTE Band 13 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.05	5.08
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.89	9.83





Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.51
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.03

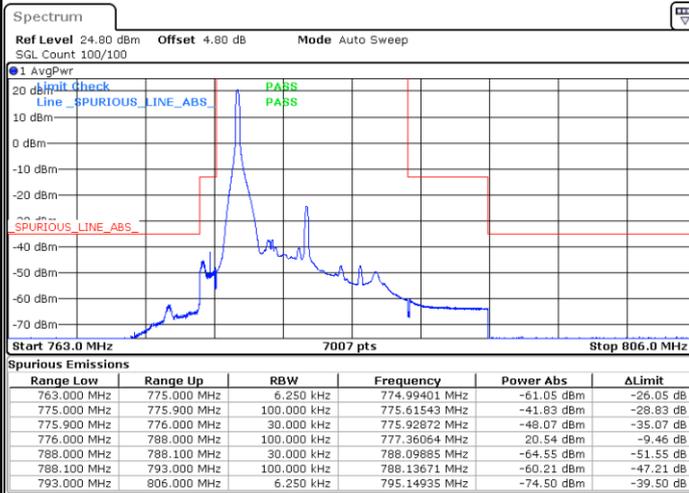




Conducted Band Edge

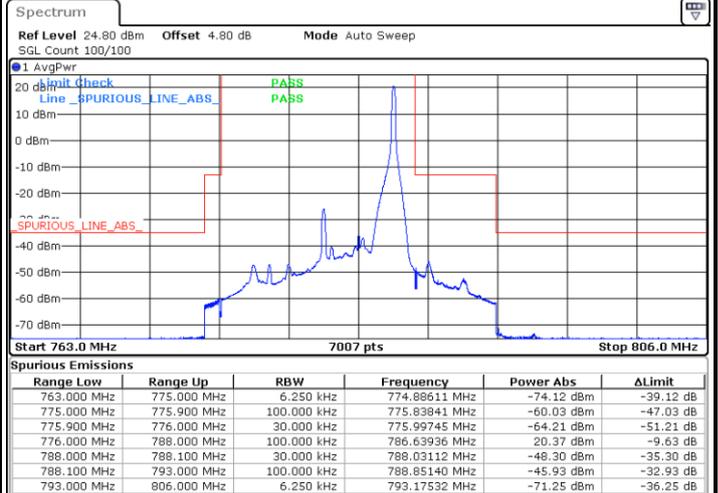
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



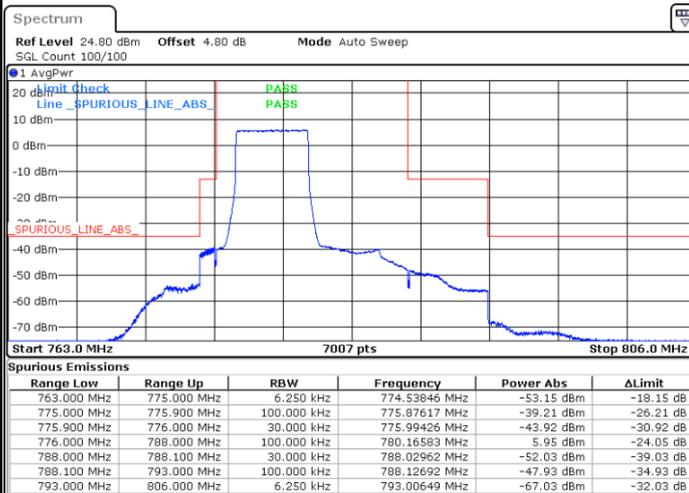
Date: 17.NOV.2024 13:49:05

Highest Band Edge / 1 RB



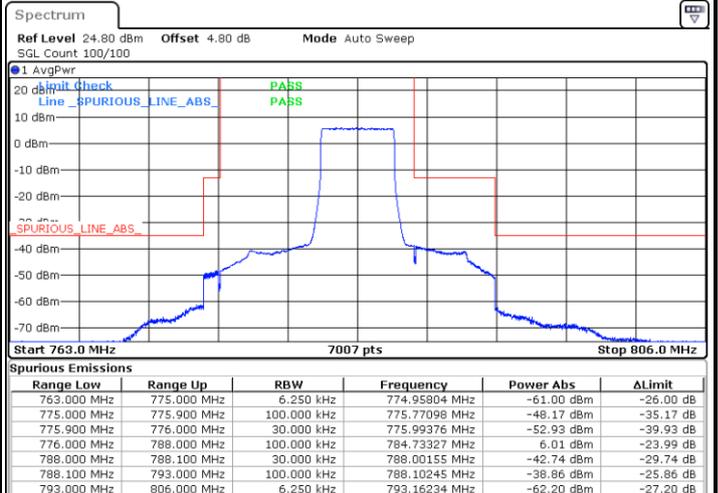
Date: 17.NOV.2024 14:02:50

Lowest Band Edge / Full RB



Date: 17.NOV.2024 13:58:19

Highest Band Edge / Full RB



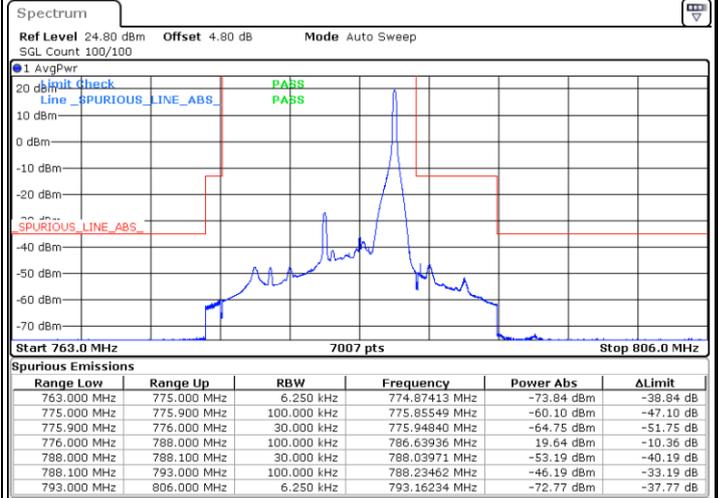
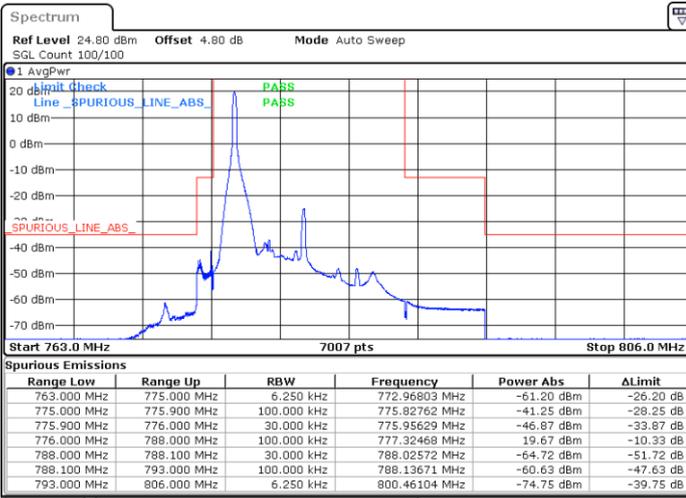
Date: 17.NOV.2024 14:12:06



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

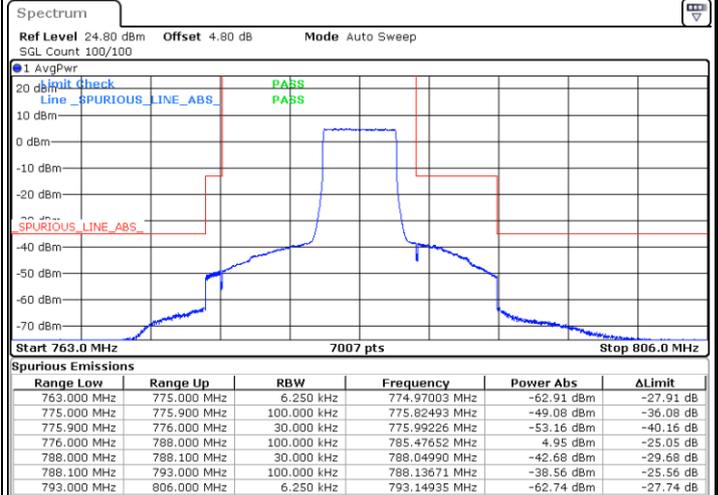
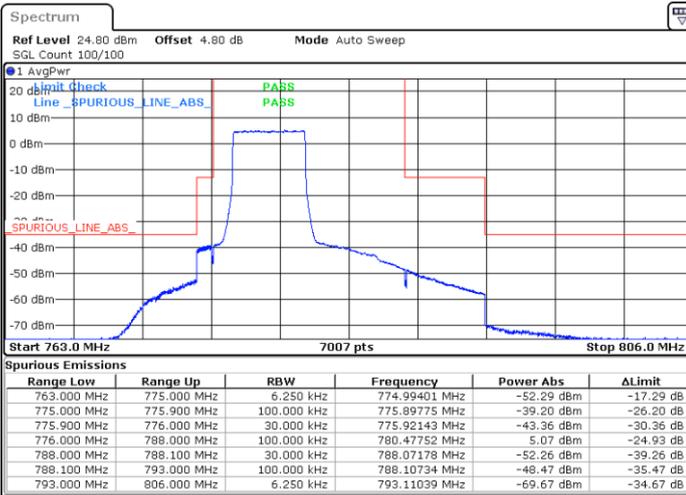


Date: 17.NOV.2024 13:50:55

Date: 17.NOV.2024 14:04:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.NOV.2024 13:56:28

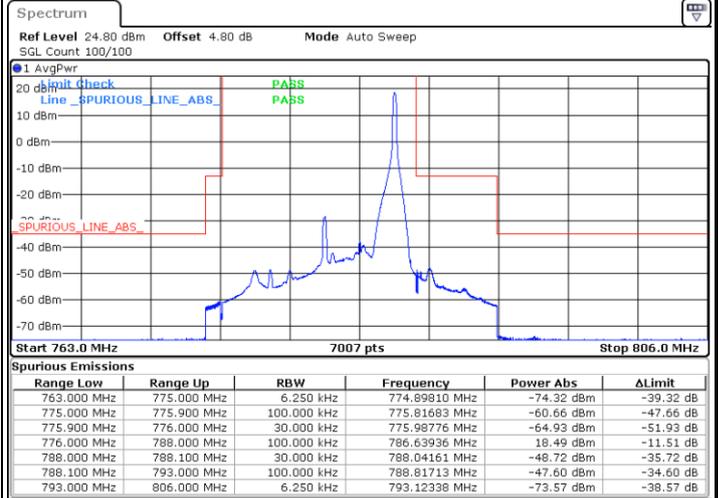
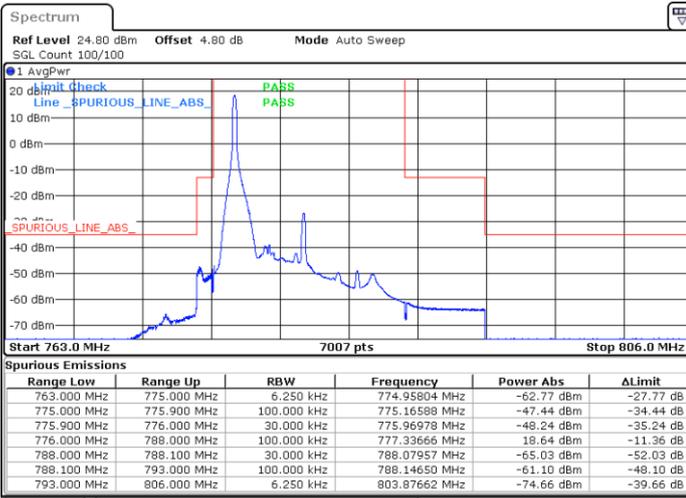
Date: 17.NOV.2024 14:10:14



LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

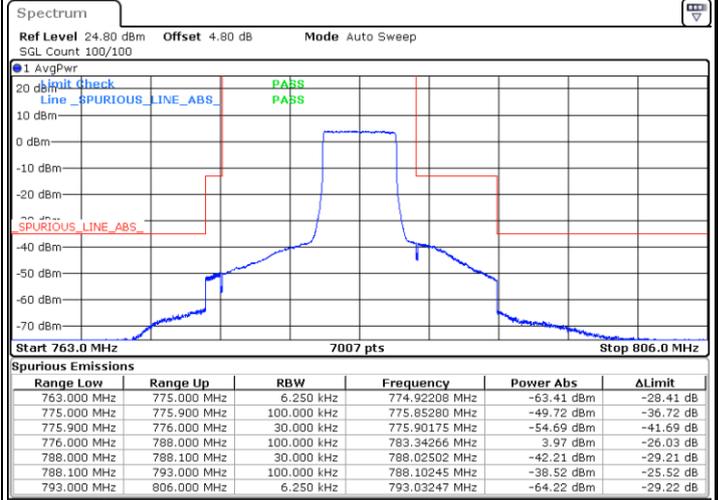
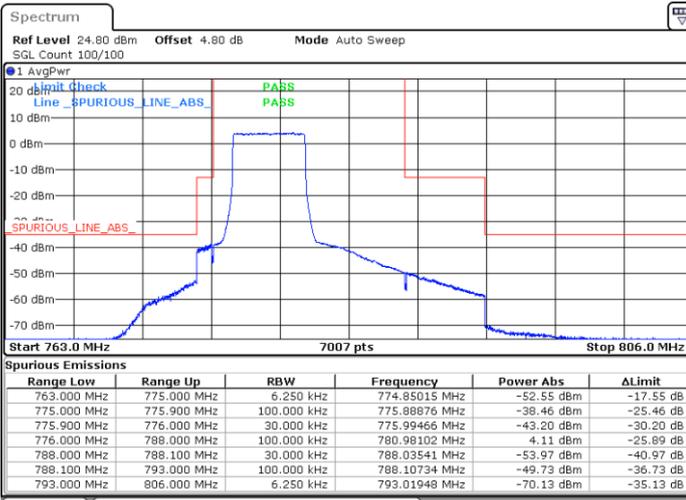


Date: 17.NOV.2024 13:52:46

Date: 17.NOV.2024 14:06:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.NOV.2024 13:54:37

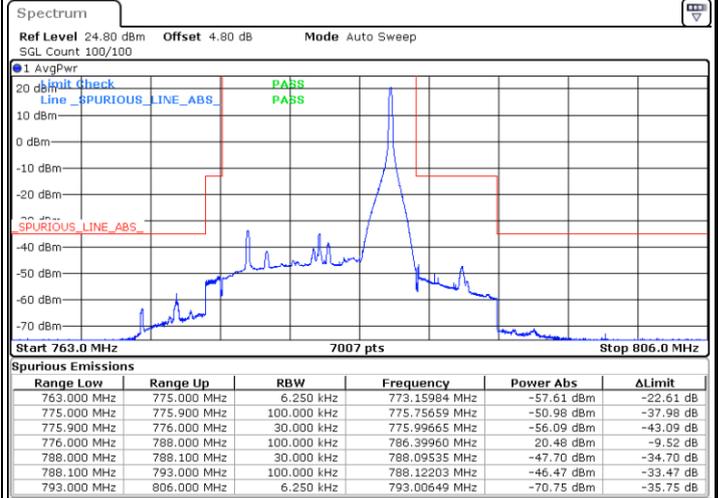
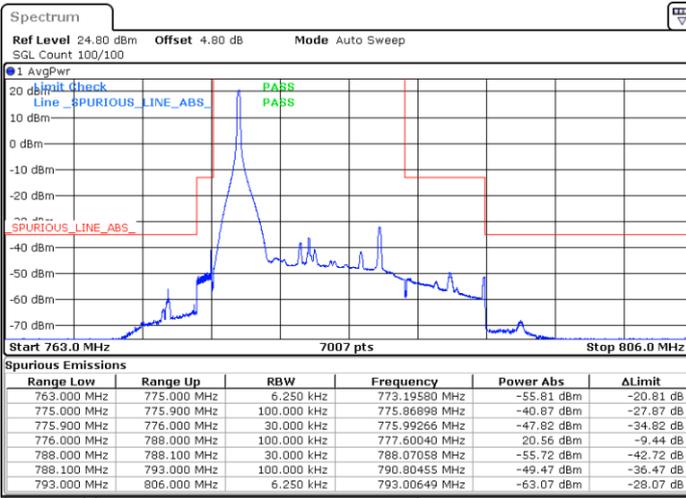
Date: 17.NOV.2024 14:08:22



LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB

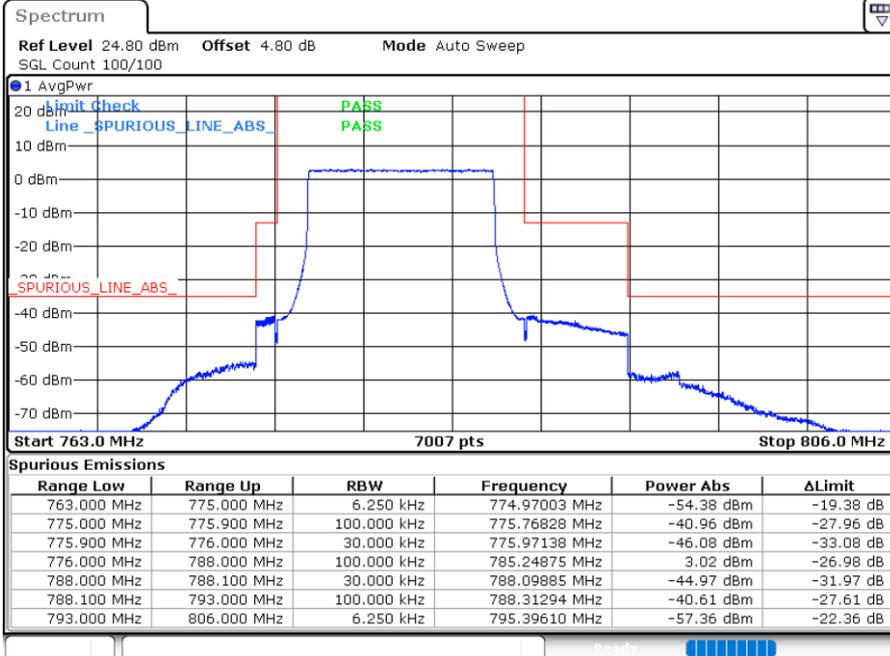
middle Band Edge / 1 RB



Date: 17.NOV.2024 14:15:21

Date: 17.NOV.2024 14:26:24

Middle Band Edge / Full RB

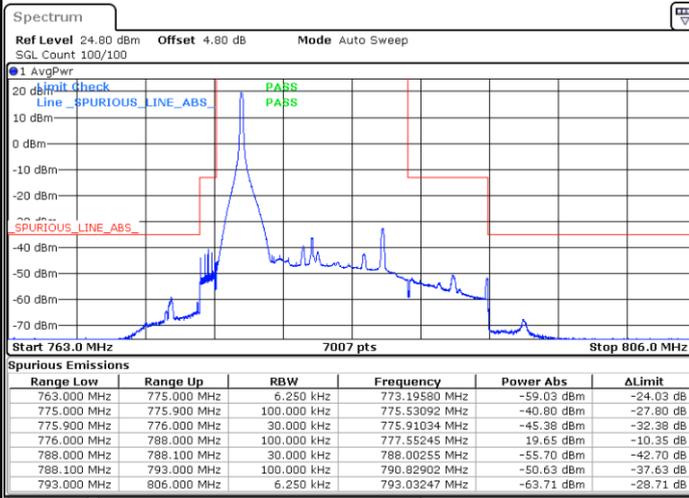


Date: 17.NOV.2024 14:24:34



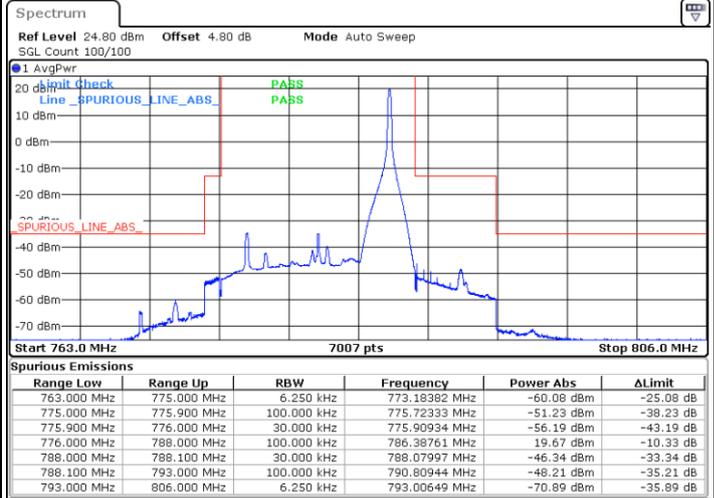
LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB



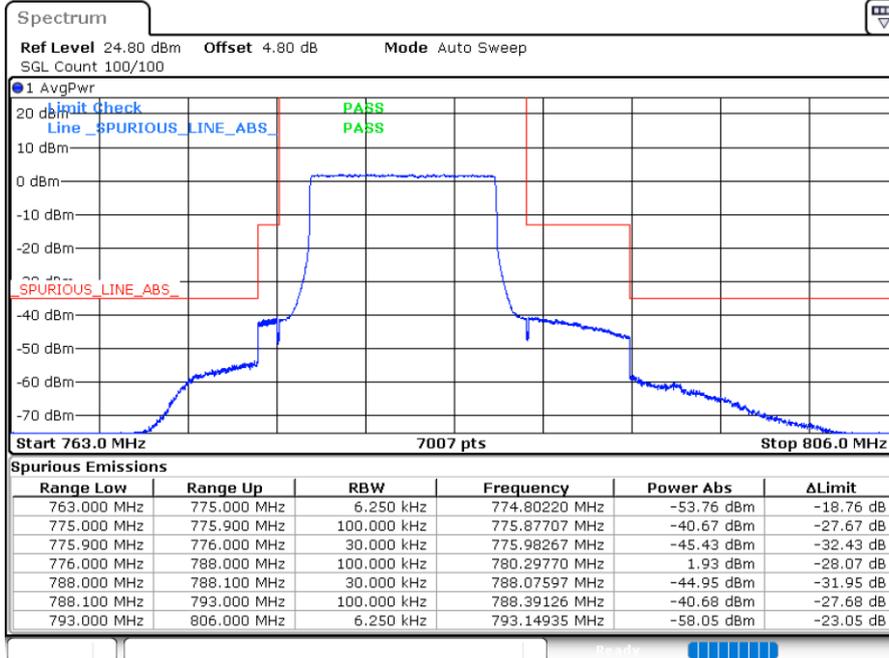
Date: 17.NOV.2024 14:17:11

middle Band Edge / 1 RB



Date: 17.NOV.2024 14:28:14

middle Band Edge / Full RB

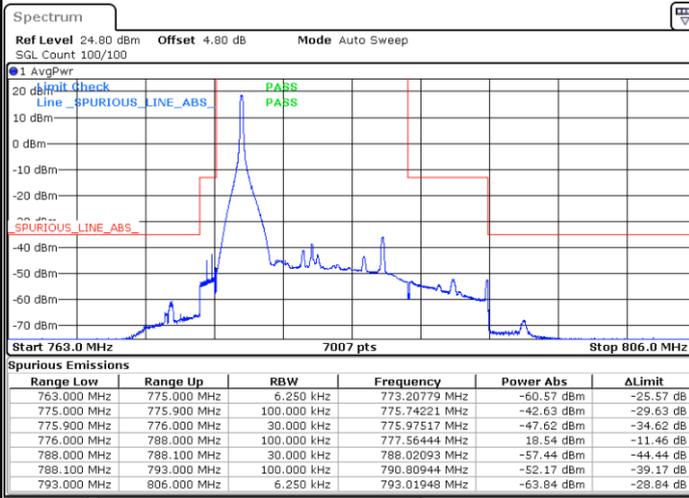


Date: 17.NOV.2024 14:22:44



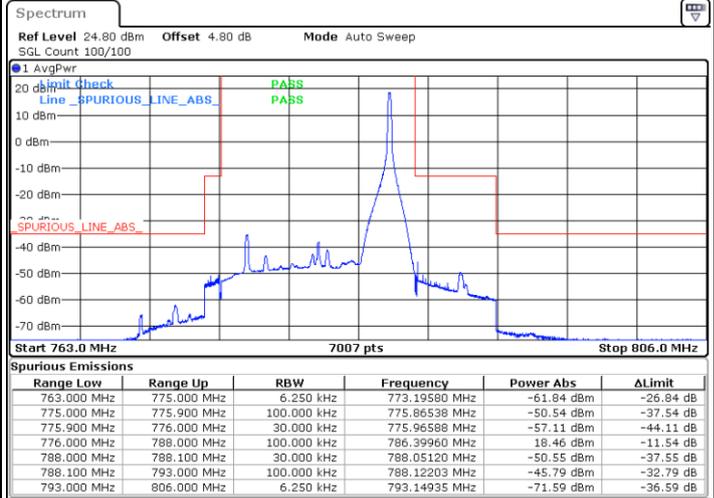
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



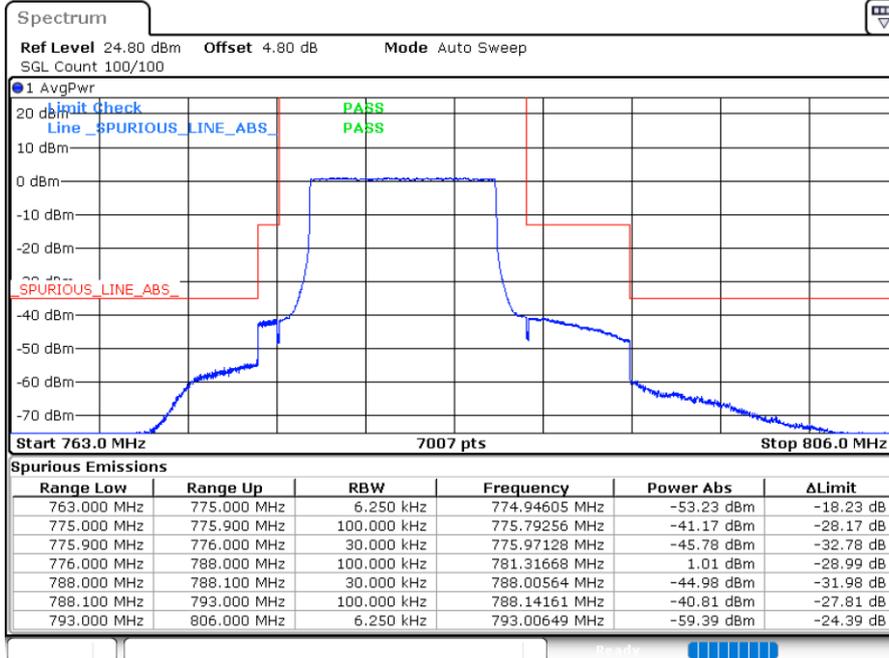
Date: 17.NOV.2024 14:19:01

middle Band Edge / 1 RB



Date: 17.NOV.2024 14:30:05

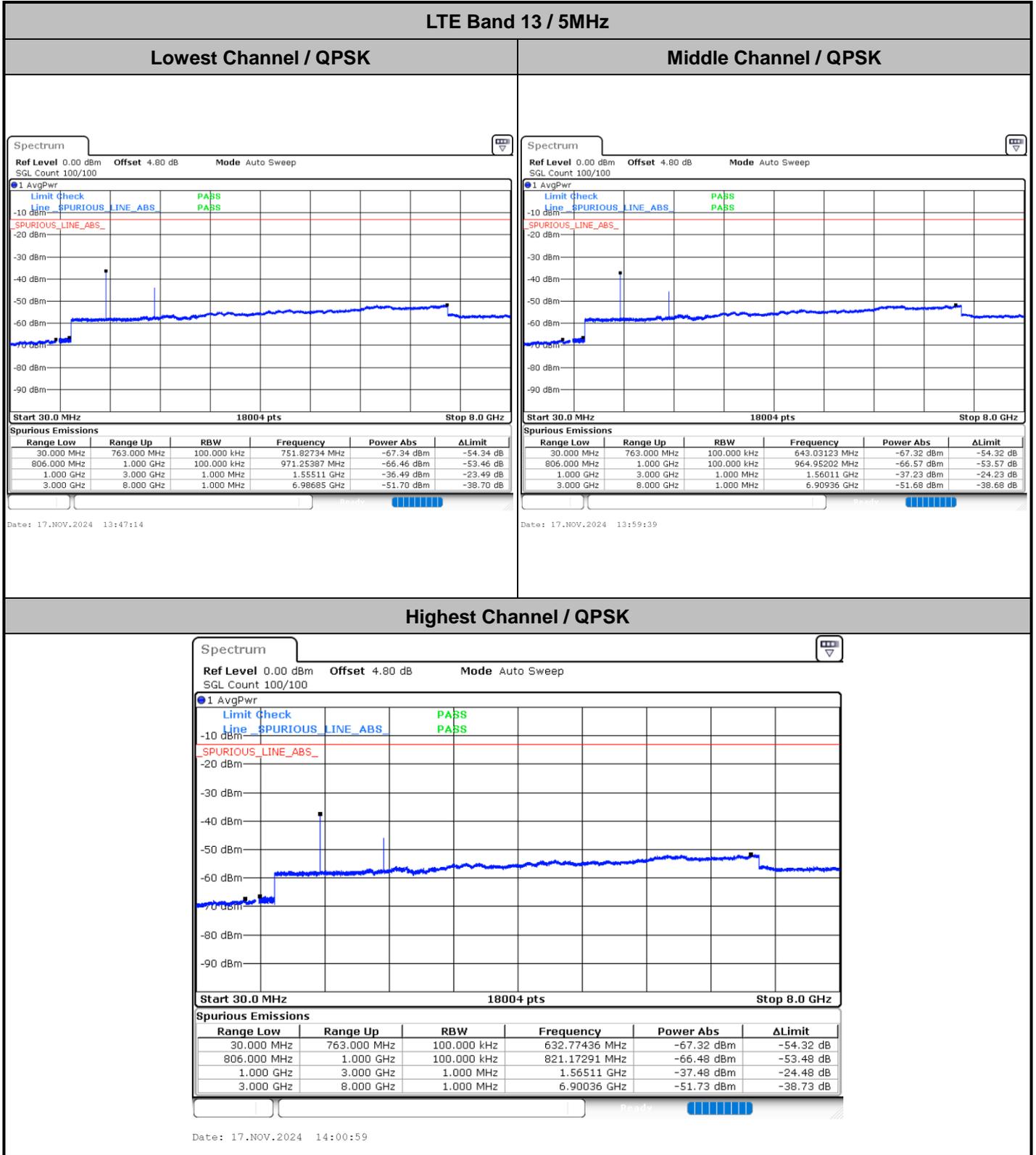
middle Band Edge / Full RB



Date: 17.NOV.2024 14:20:53



Conducted Spurious Emission





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	0.0013	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0022	

Note:

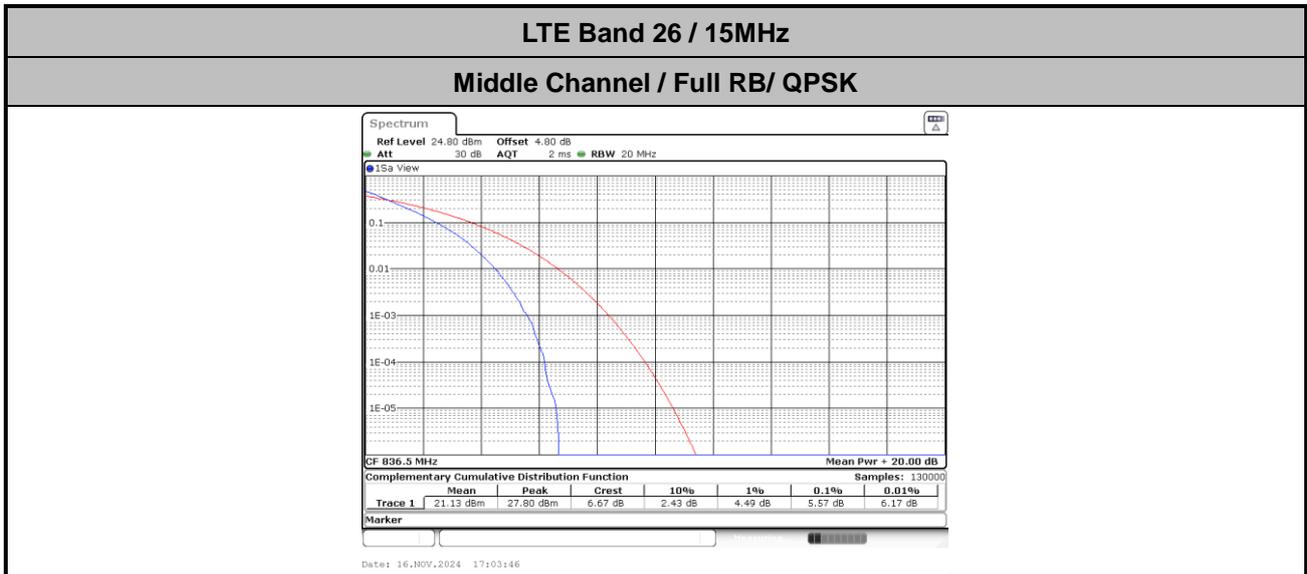
1. Normal Voltage = 3.91V ; Minimum Voltage =3.45V. ; Maximum Voltage =4.53V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

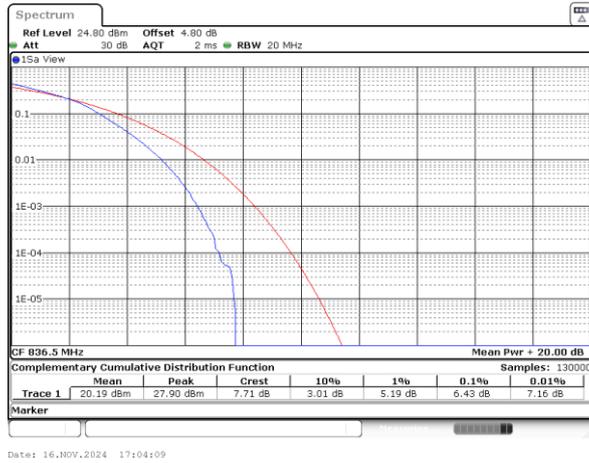
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.57	6.43	6.64	PASS

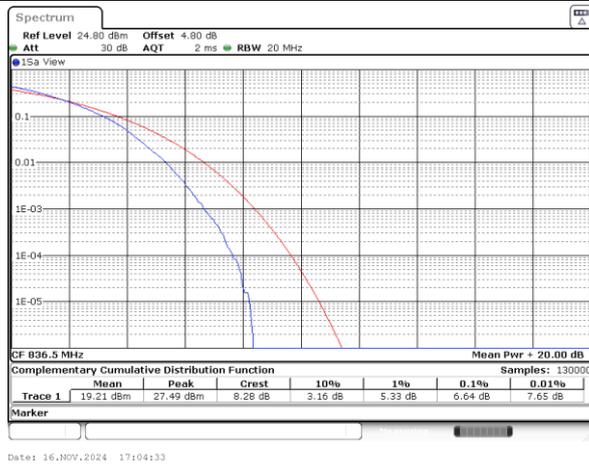




Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM





26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.33	14.18
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.71	9.79
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.84	4.86
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.93	2.94
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.26	1.28



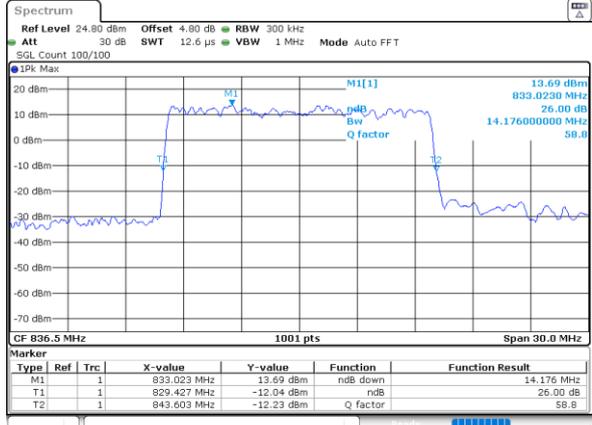
LTE Band 26

Middle Channel / 15MHz / QPSK



Date: 16.NOV.2024 17:03:01

Middle Channel / 15MHz / 16QAM



Date: 16.NOV.2024 17:03:23

LTE Band 26

Middle Channel / 10MHz / QPSK



Date: 16.NOV.2024 17:05:40

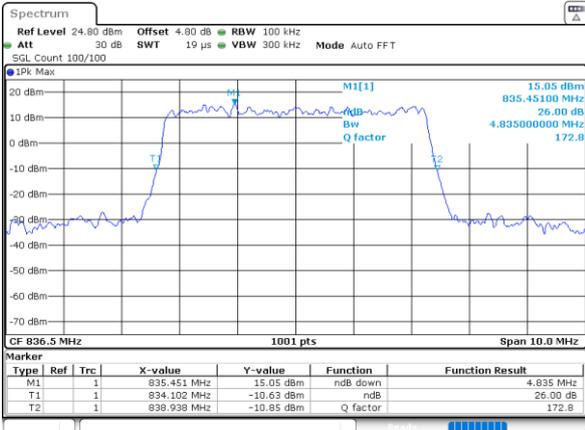
Middle Channel / 10MHz / 16QAM



Date: 16.NOV.2024 17:05:18

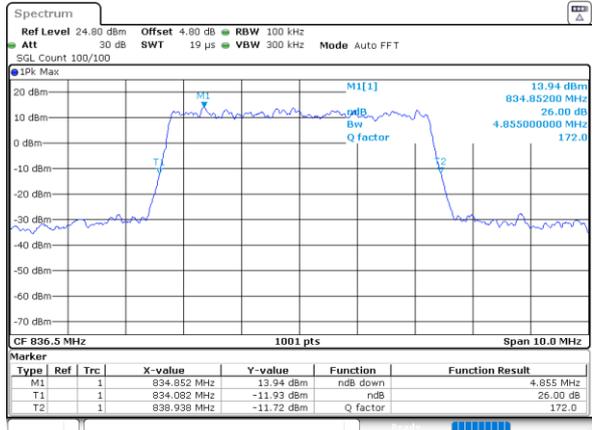
LTE Band 26

Middle Channel / 5MHz / QPSK



Date: 16.NOV.2024 17:06:47

Middle Channel / 5MHz / 16QAM

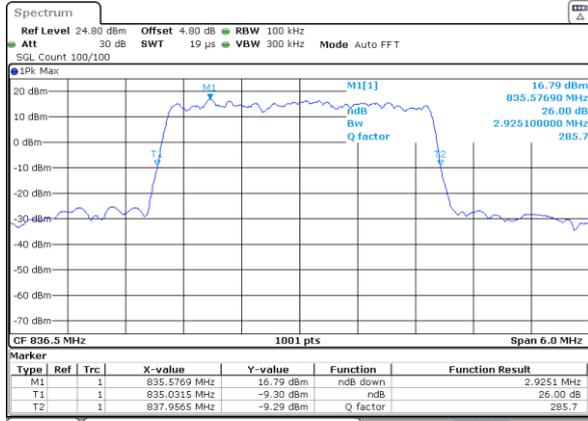


Date: 16.NOV.2024 17:07:09



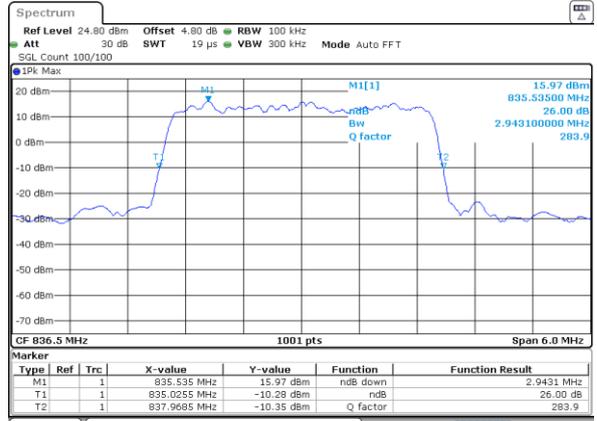
LTE Band 26

Middle Channel / 3MHz / QPSK



Date: 16.NOV.2024 17:08:37

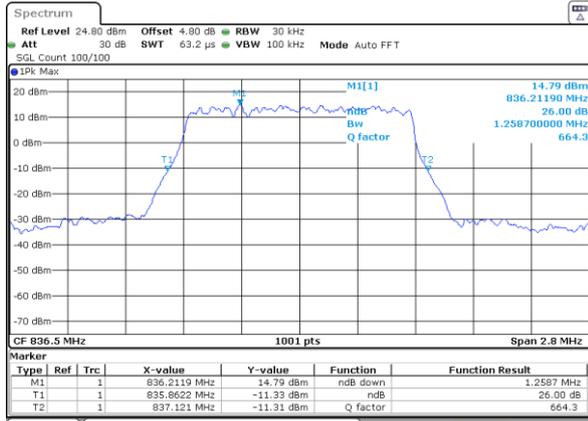
Middle Channel / 3MHz / 16QAM



Date: 16.NOV.2024 17:10:15

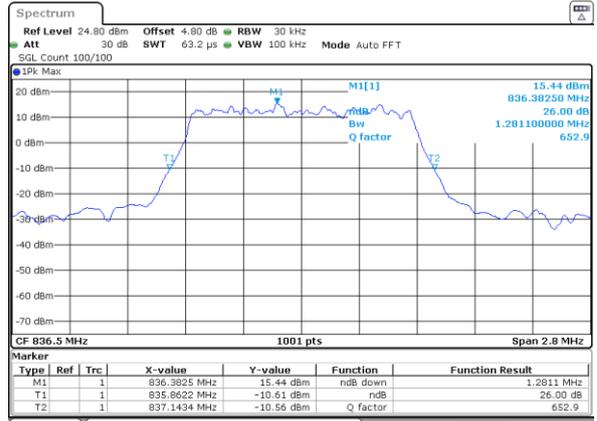
LTE Band 26

Middle Channel / 1.4MHz / QPSK



Date: 16.NOV.2024 17:09:44

Middle Channel / 1.4MHz / 16QAM



Date: 16.NOV.2024 17:10:06



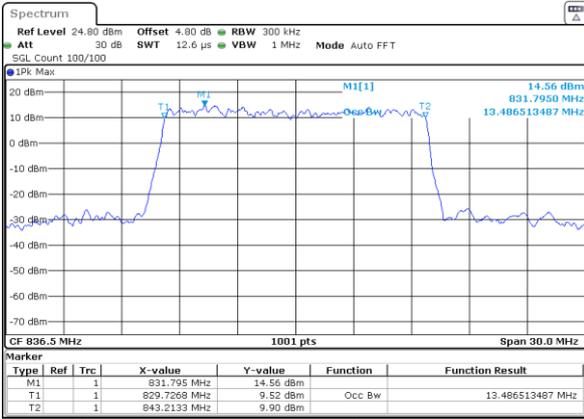
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	QPSK
Middle CH	13.49	13.49
BW	10MHz	
Mod.	QPSK	QPSK
Middle CH	9.23	9.23
BW	5MHz	
Mod.	QPSK	QPSK
Middle CH	4.47	4.47
BW	3MHz	
Mod.	QPSK	QPSK
Middle CH	2.71	2.71
BW	1.4MHz	
Mod.	QPSK	QPSK
Middle CH	1.08	1.08
BW	CH26790	
Mod.	QPSK	16QAM
High CH	13.52	13.49



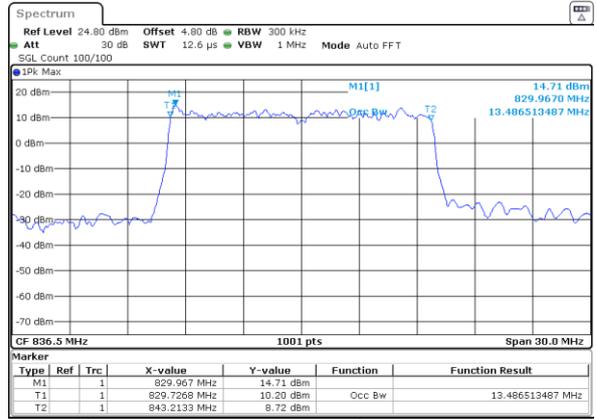
LTE Band 26

Middle Channel / 15MHz / QPSK



Date: 16.NOV.2024 17:02:18

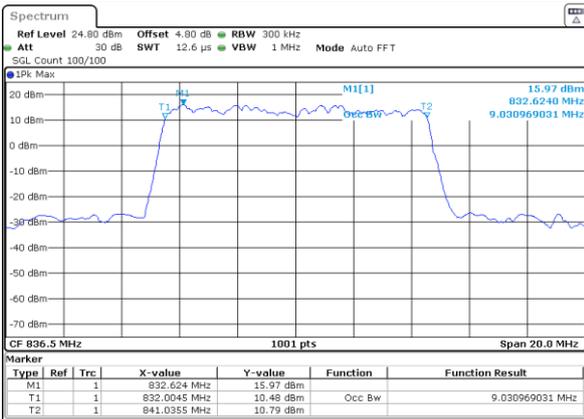
Middle Channel / 15MHz / 16QAM



Date: 16.NOV.2024 17:02:40

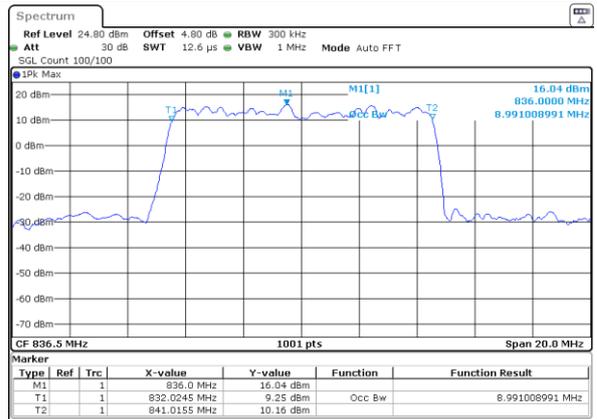
LTE Band 26

Middle Channel / 10MHz / QPSK



Date: 16.NOV.2024 17:06:02

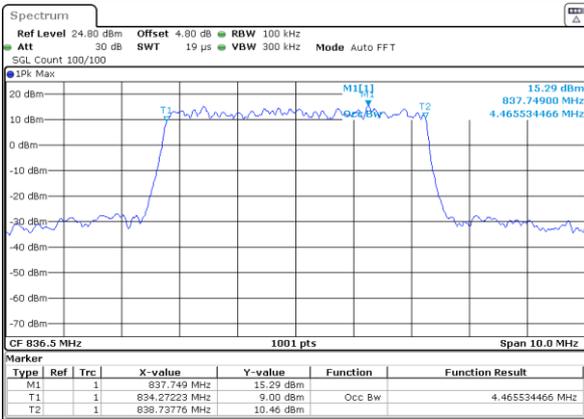
Middle Channel / 10MHz / 16QAM



Date: 16.NOV.2024 17:04:57

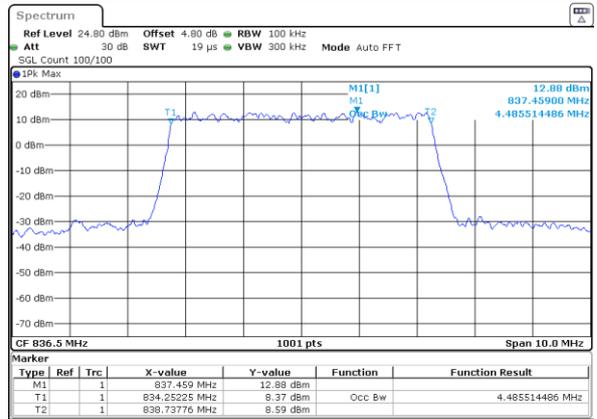
LTE Band 26

Middle Channel / 5MHz / QPSK



Date: 16.NOV.2024 17:06:25

Middle Channel / 5MHz / 16QAM

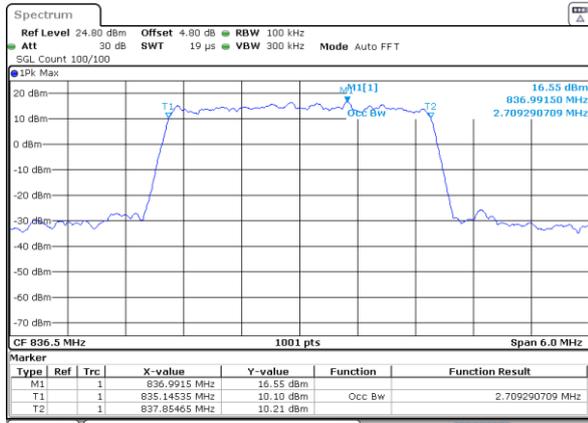


Date: 16.NOV.2024 17:07:30



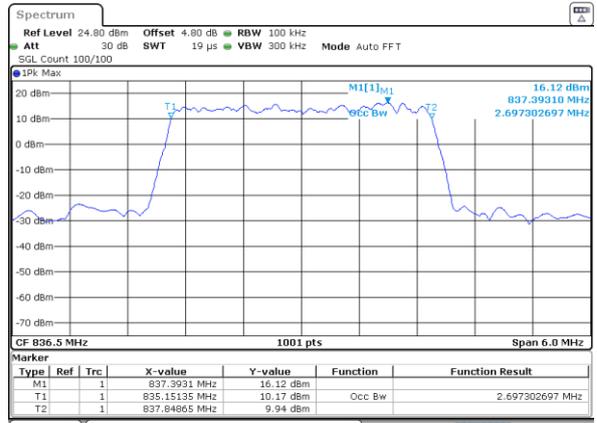
LTE Band 26

Middle Channel / 3MHz / QPSK



Date: 16.NOV.2024 17:08:59

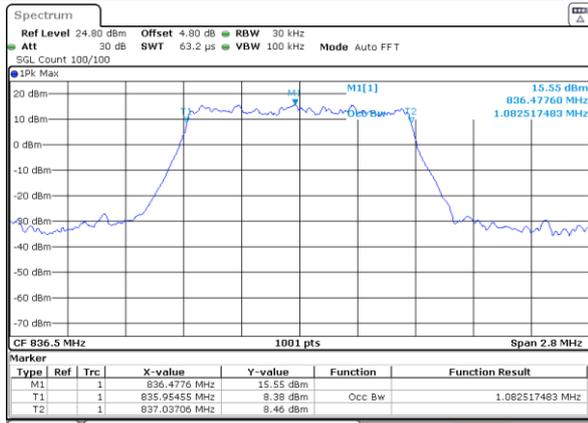
Middle Channel / 3MHz / 16QAM



Date: 16.NOV.2024 17:10:54

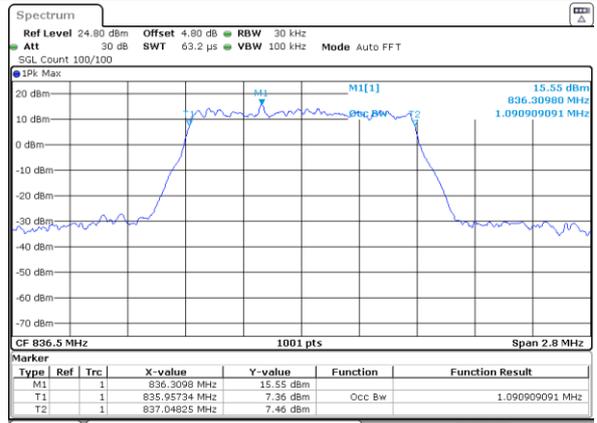
LTE Band 26

Middle Channel / 1.4MHz / QPSK

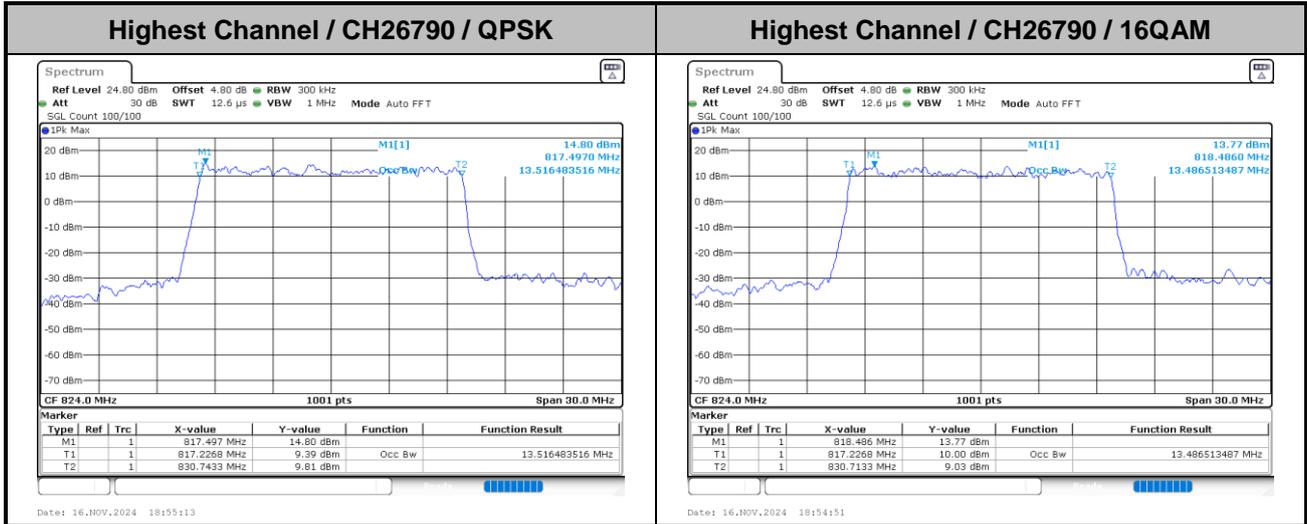


Date: 16.NOV.2024 17:09:22

Middle Channel / 1.4MHz / 16QAM



Date: 16.NOV.2024 17:10:28

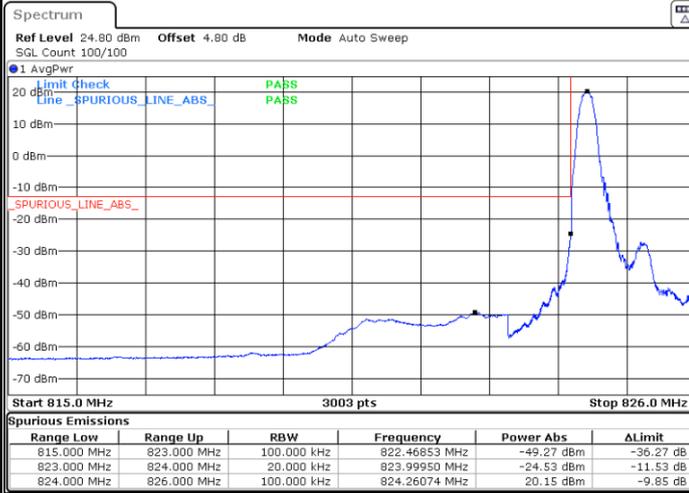




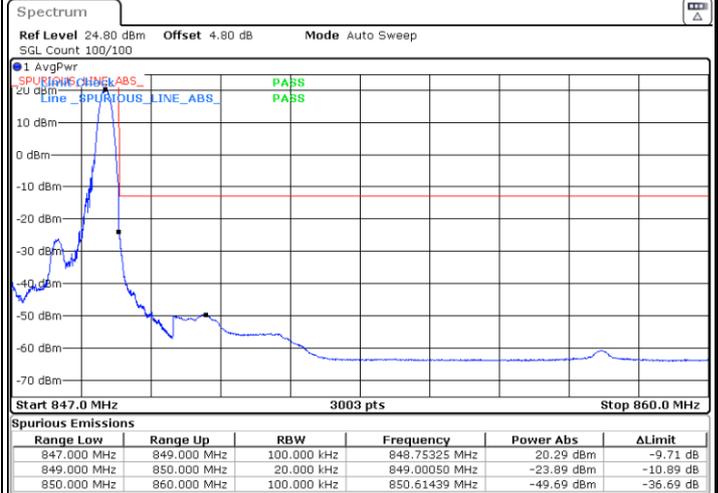
Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

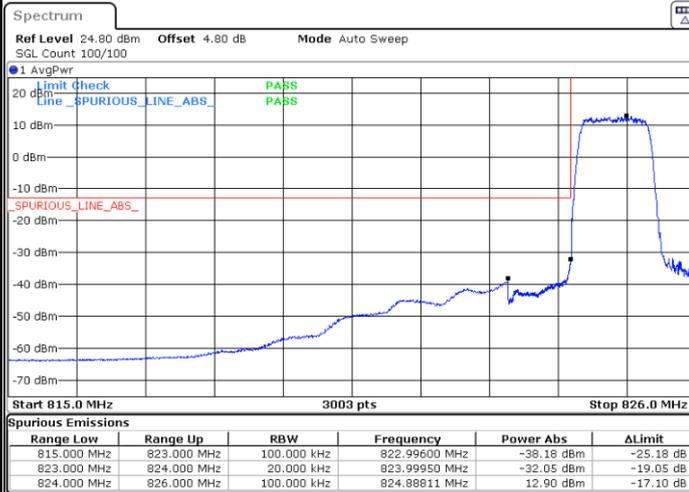
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



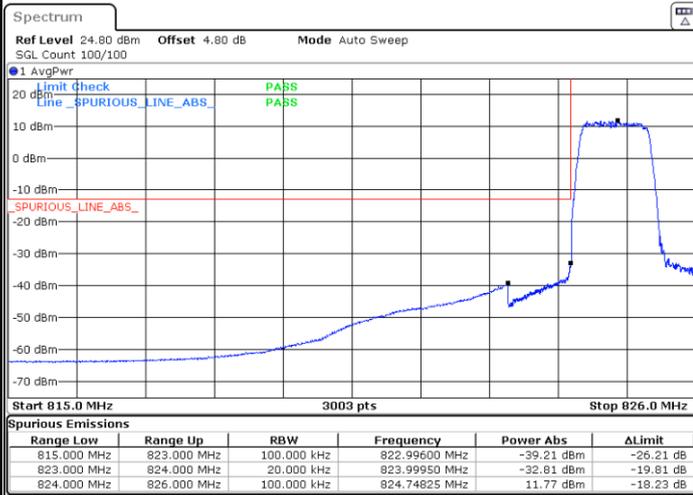
Date: 16.NOV.2024 15:18:32

Highest Band Edge / 1 RB



Date: 16.NOV.2024 15:30:28

Lowest Band Edge / Full RB



Date: 16.NOV.2024 15:23:05

Highest Band Edge / Full RB

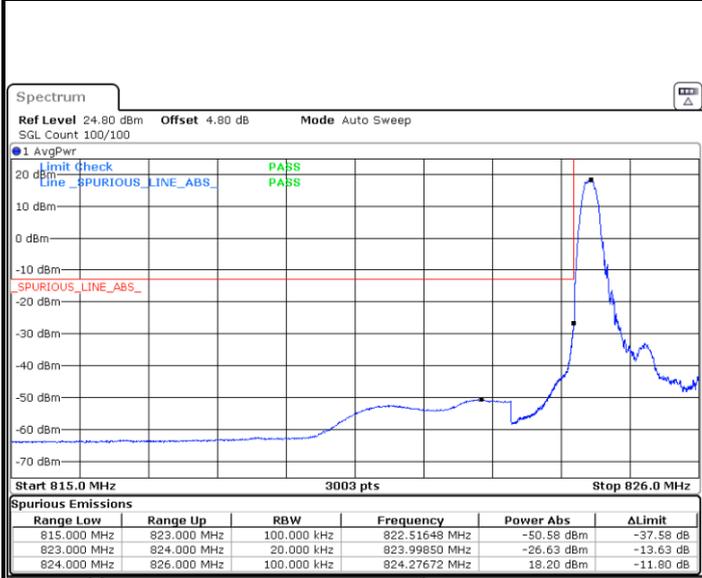


Date: 16.NOV.2024 15:35:14



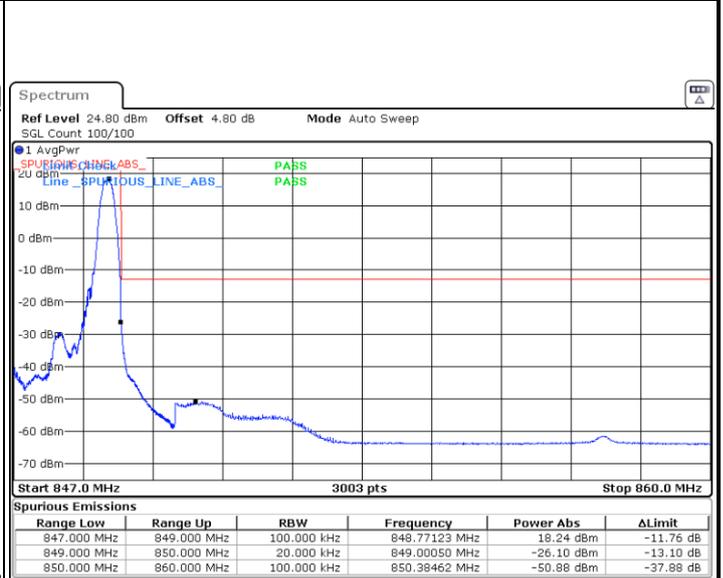
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



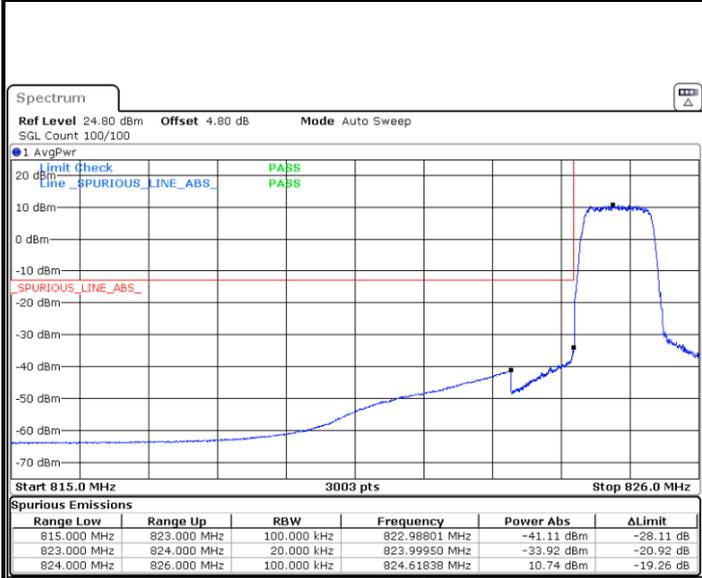
Date: 16.NOV.2024 15:20:03

Highest Band Edge / 1 RB



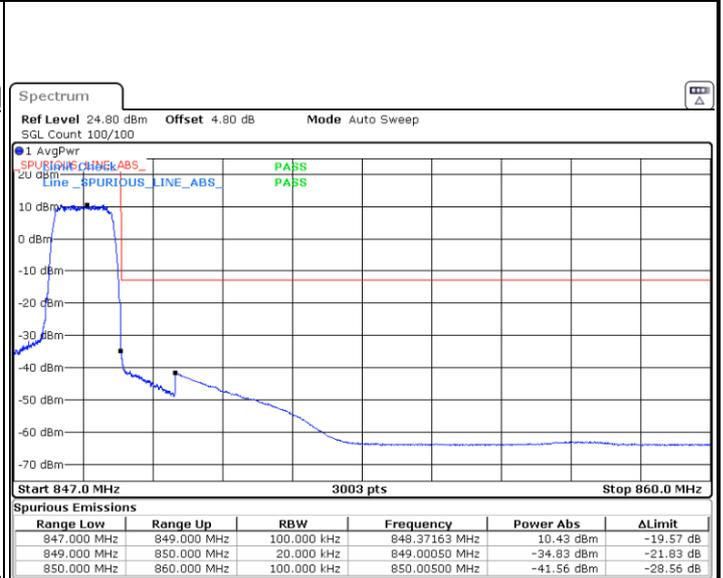
Date: 16.NOV.2024 15:32:03

Lowest Band Edge / Full RB



Date: 16.NOV.2024 15:21:34

Highest Band Edge / Full RB

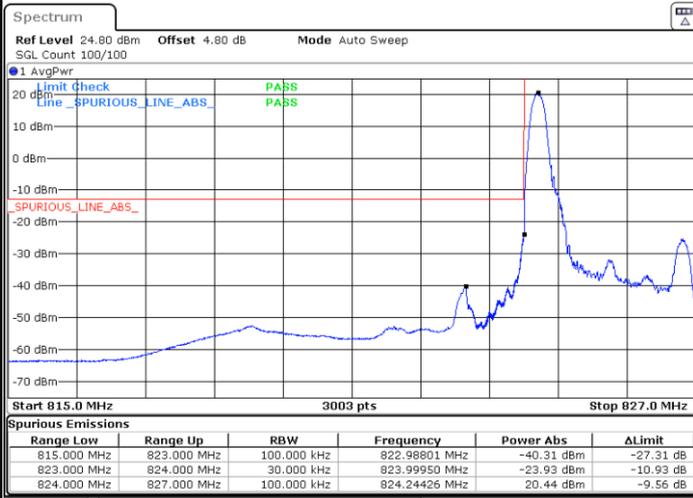


Date: 16.NOV.2024 15:33:38



LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



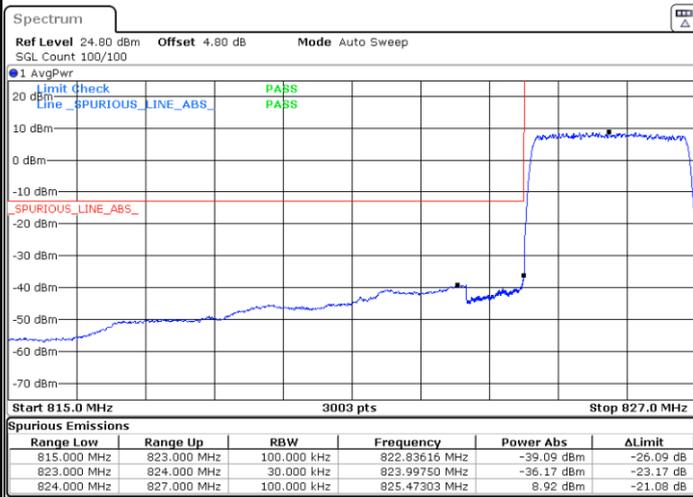
Date: 16.NOV.2024 15:39:41

Highest Band Edge / 1 RB



Date: 16.NOV.2024 15:51:23

Lowest Band Edge / Full RB



Date: 16.NOV.2024 15:47:12

Highest Band Edge / Full RB

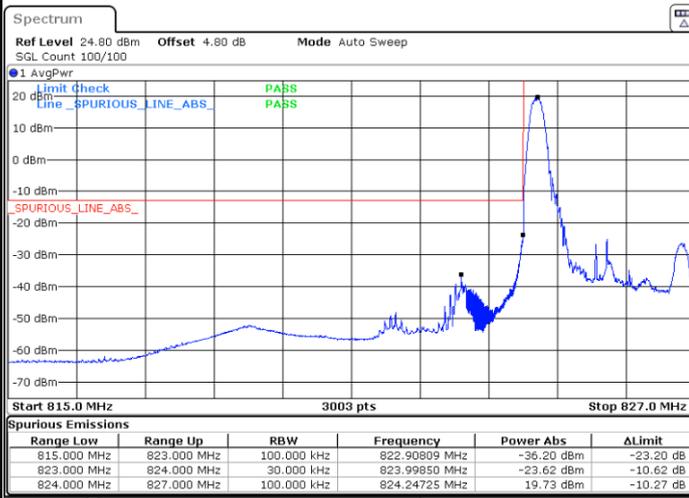


Date: 16.NOV.2024 15:58:54



LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



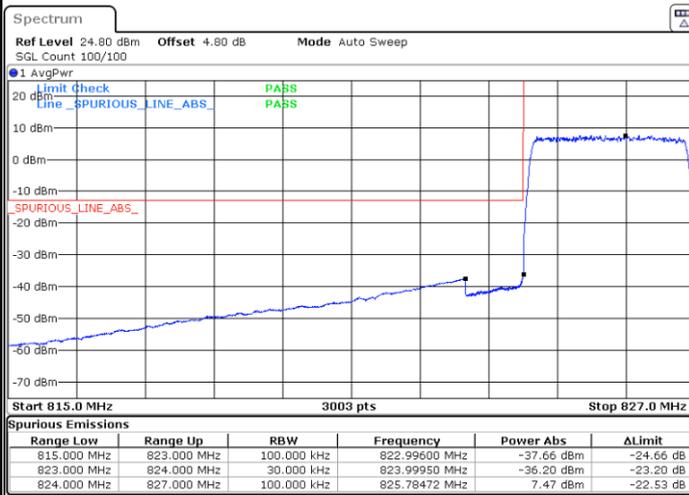
Date: 16.NOV.2024 15:41:11

Highest Band Edge / 1 RB



Date: 16.NOV.2024 15:52:53

Lowest Band Edge / Full RB



Date: 16.NOV.2024 15:45:41

Highest Band Edge / Full RB

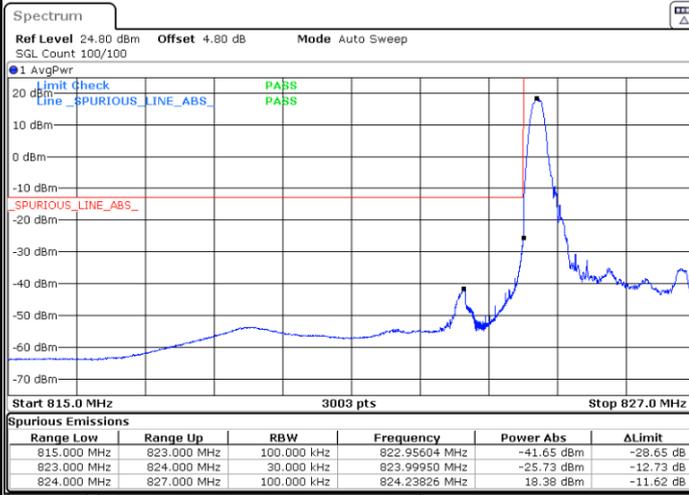


Date: 16.NOV.2024 15:57:24



LTE Band 26 / 3MHz / 64QAM

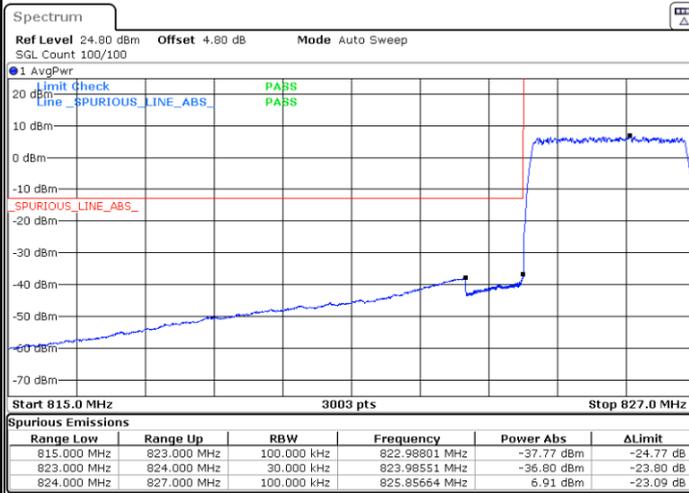
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



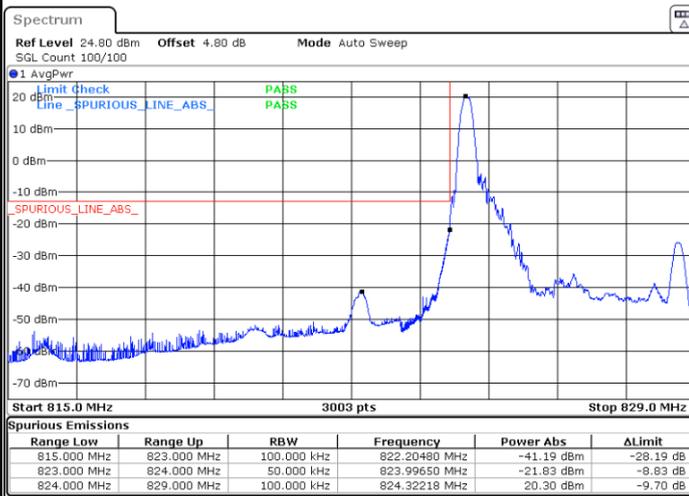
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / QPSK

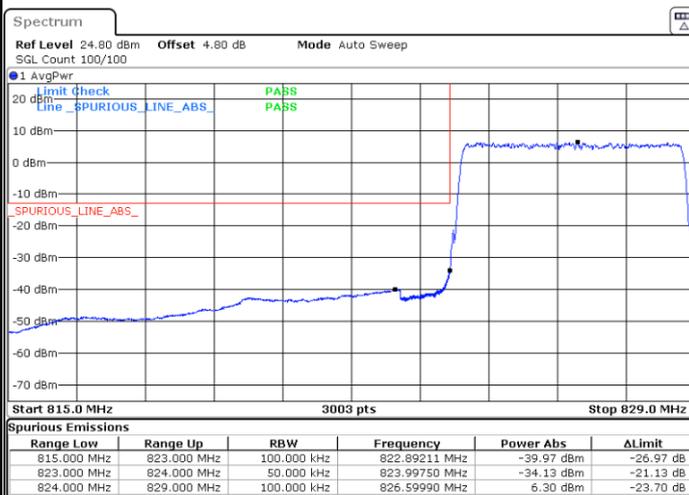
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



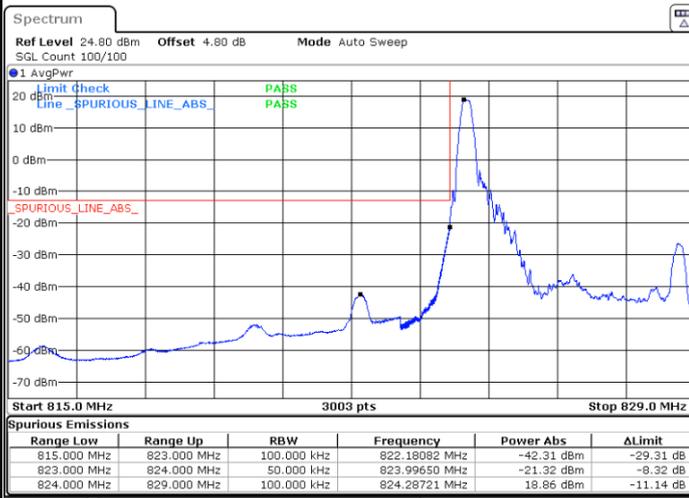
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



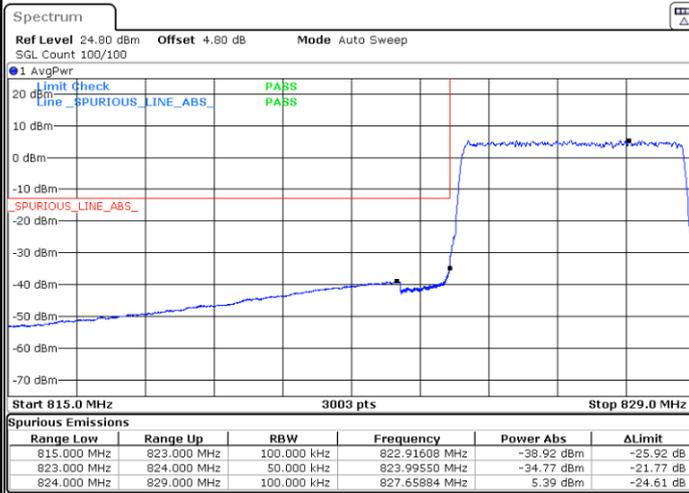
Date: 16.NOV.2024 16:03:16

Highest Band Edge / 1 RB



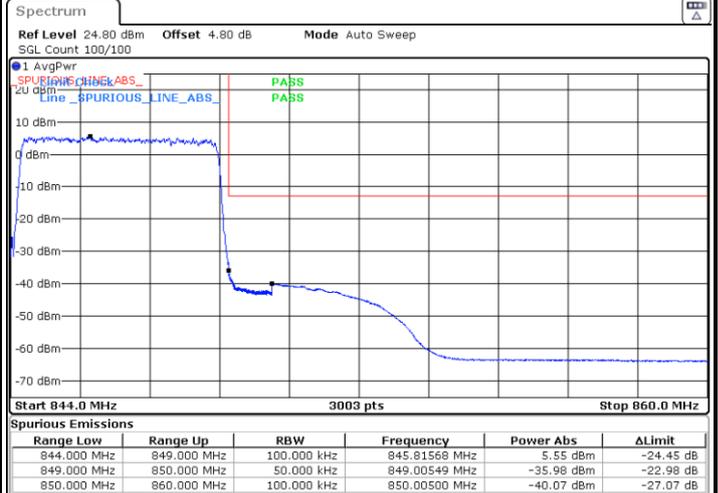
Date: 16.NOV.2024 16:16:27

Lowest Band Edge / Full RB



Date: 16.NOV.2024 16:07:46

Highest Band Edge / Full RB

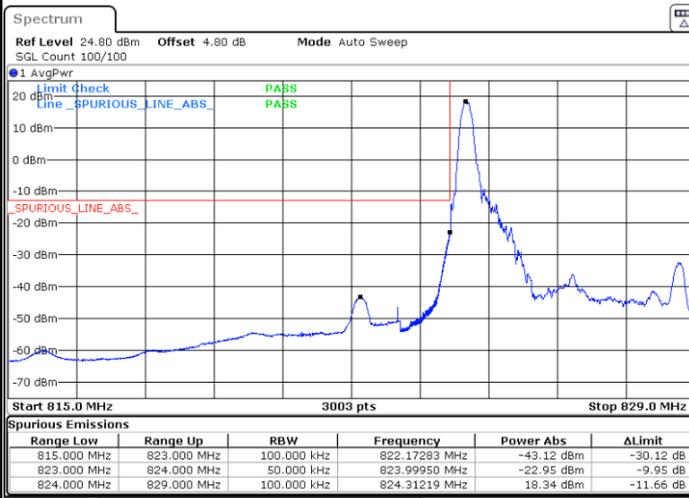


Date: 16.NOV.2024 16:19:28



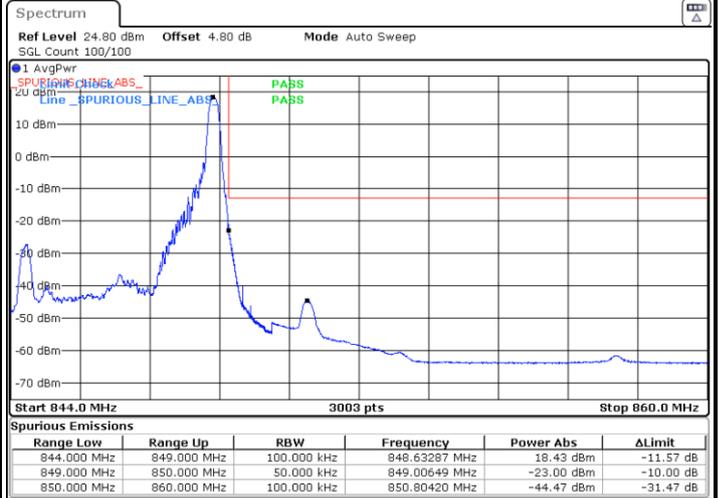
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



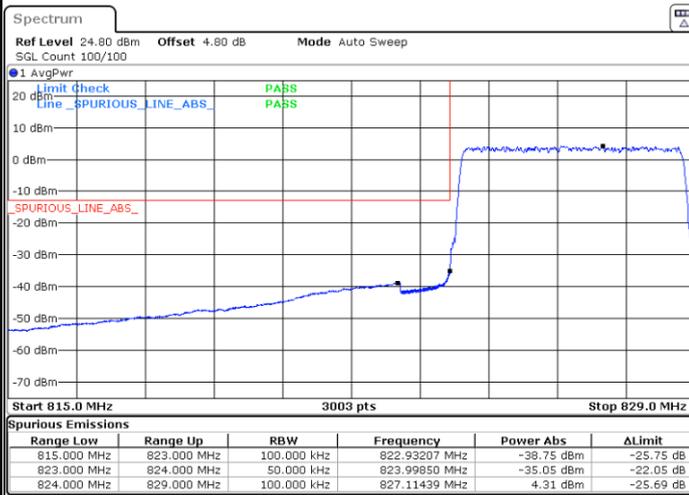
Date: 16.NOV.2024 16:04:46

Highest Band Edge / 1 RB



Date: 16.NOV.2024 16:16:27

Lowest Band Edge / Full RB



Date: 16.NOV.2024 16:06:16

Highest Band Edge / Full RB

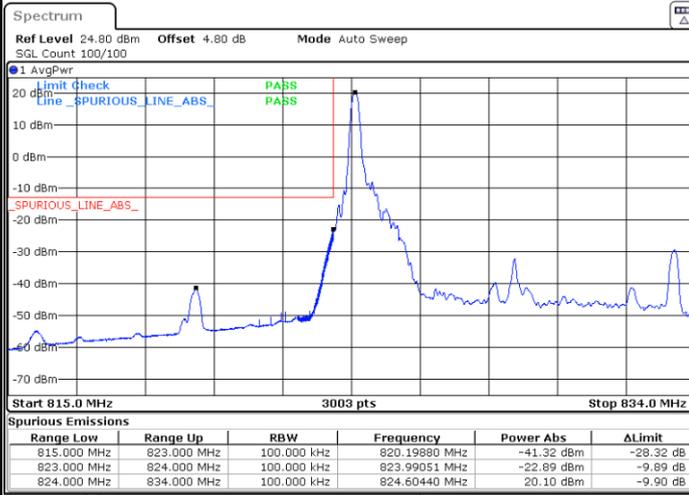


Date: 16.NOV.2024 16:17:57



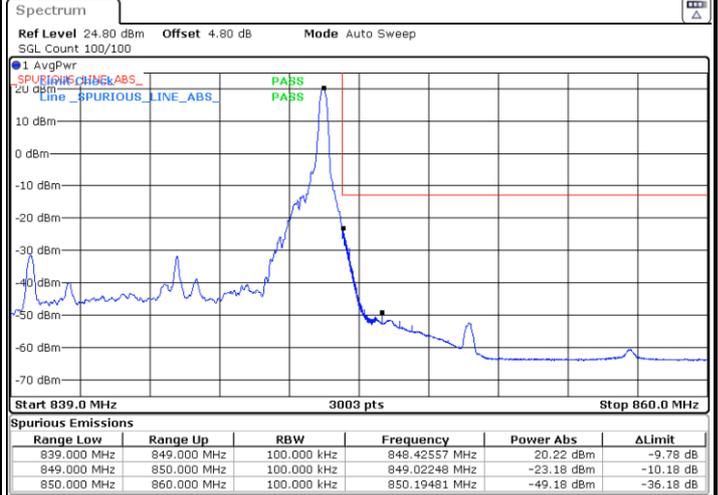
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



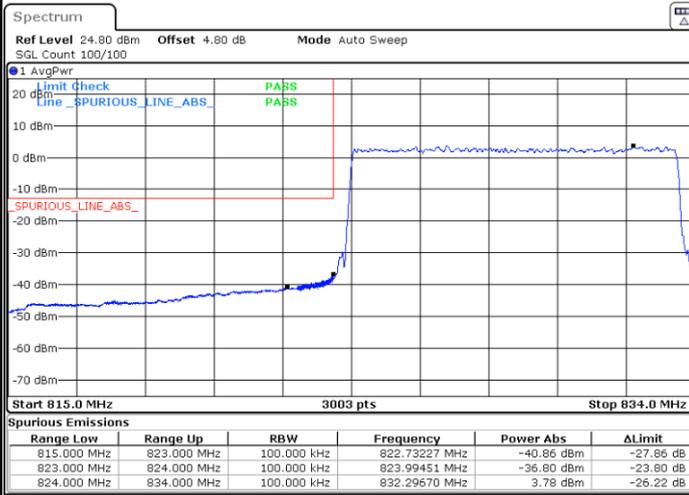
Date: 16.NOV.2024 16:23:50

Highest Band Edge / 1 RB



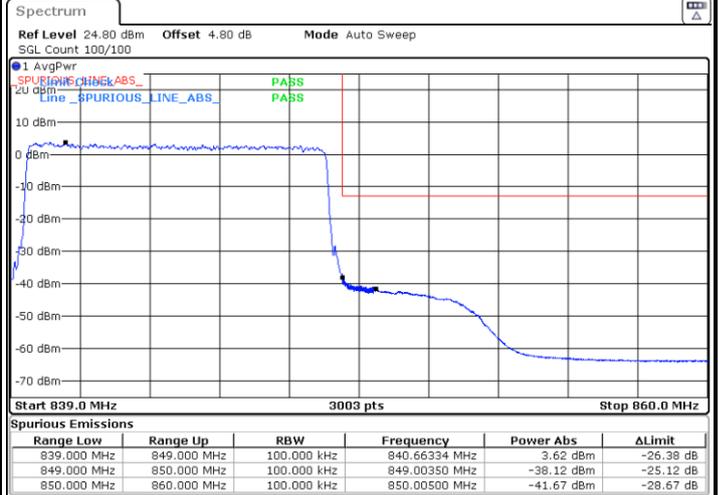
Date: 16.NOV.2024 16:35:33

Lowest Band Edge / Full RB



Date: 16.NOV.2024 16:31:22

Highest Band Edge / Full RB

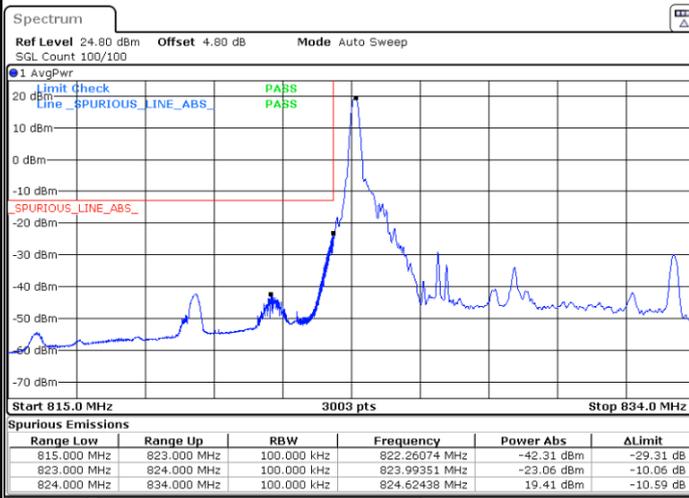


Date: 16.NOV.2024 16:42:49



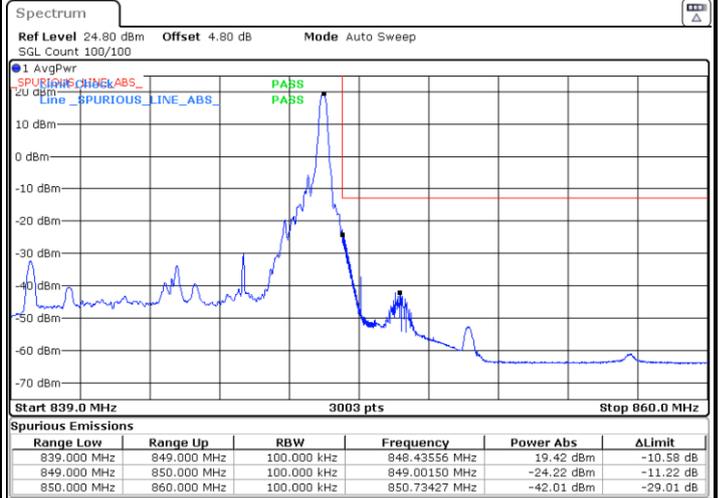
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



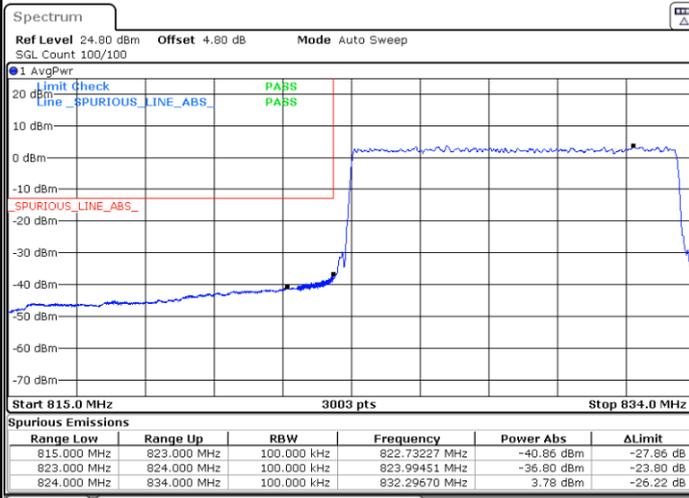
Date: 16.NOV.2024 16:25:21

Highest Band Edge / 1 RB



Date: 16.NOV.2024 16:37:03

Lowest Band Edge / Full RB



Date: 16.NOV.2024 16:31:22

Highest Band Edge / Full RB



Date: 16.NOV.2024 16:42:49