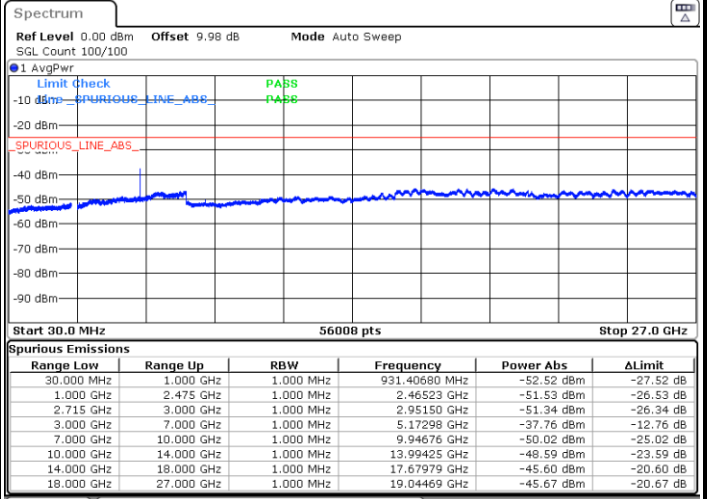
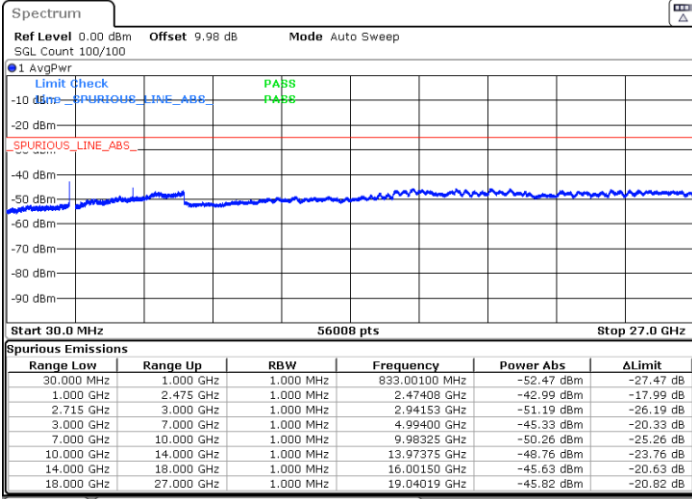




LTE Band 41 / 15MHz

Lowest Channel / QPSK

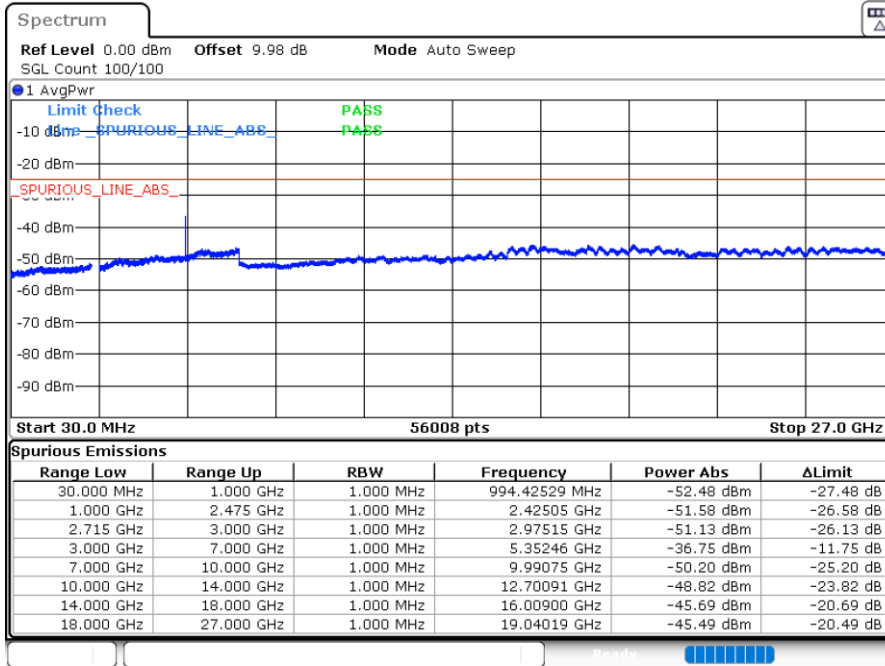
Middle Channel / QPSK



Date: 1.DEC.2024 20:51:53

Date: 1.DEC.2024 21:07:17

Highest Channel / QPSK



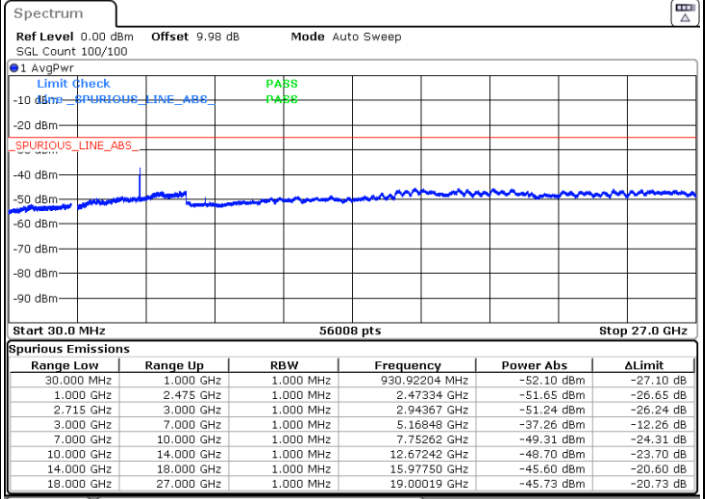
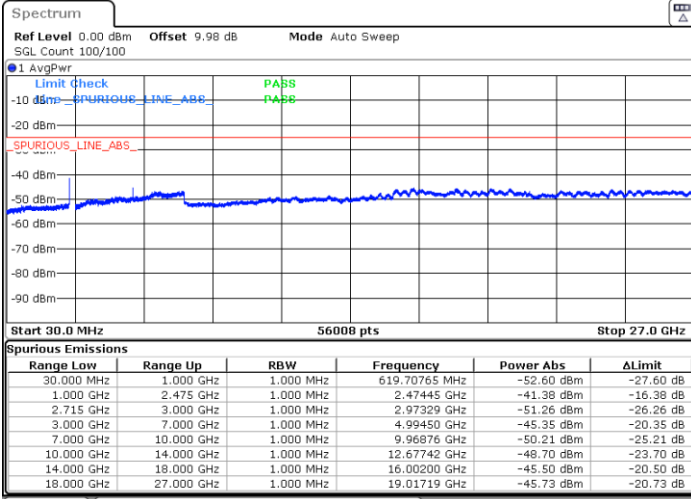
Date: 1.DEC.2024 21:08:37



LTE Band 41 / 20MHz

Lowest Channel / QPSK

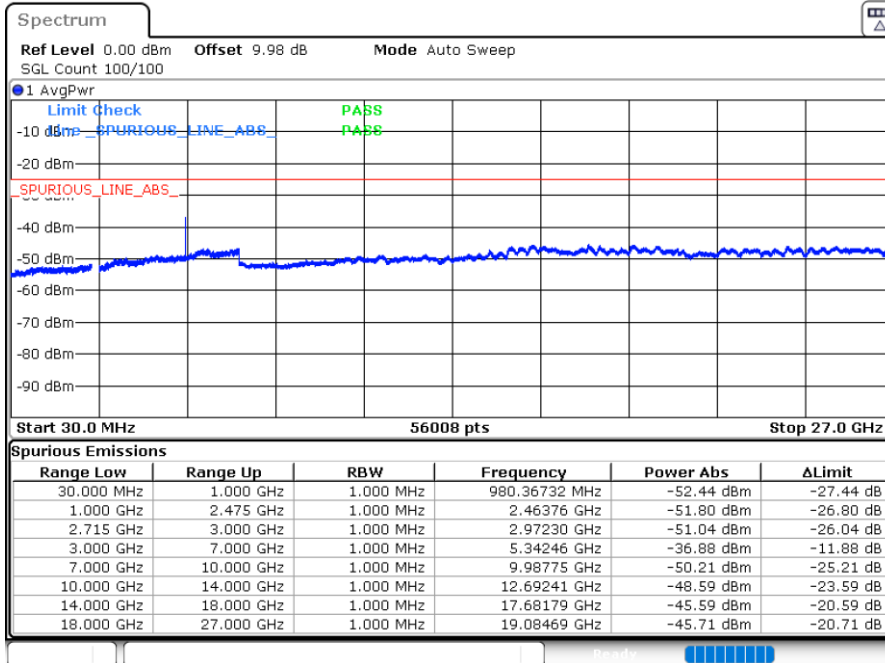
Middle Channel / QPSK



Date: 1.DEC.2024 21:24:01

Date: 1.DEC.2024 21:39:28

Highest Channel / QPSK



Date: 1.DEC.2024 21:40:48



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0065	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

Note:

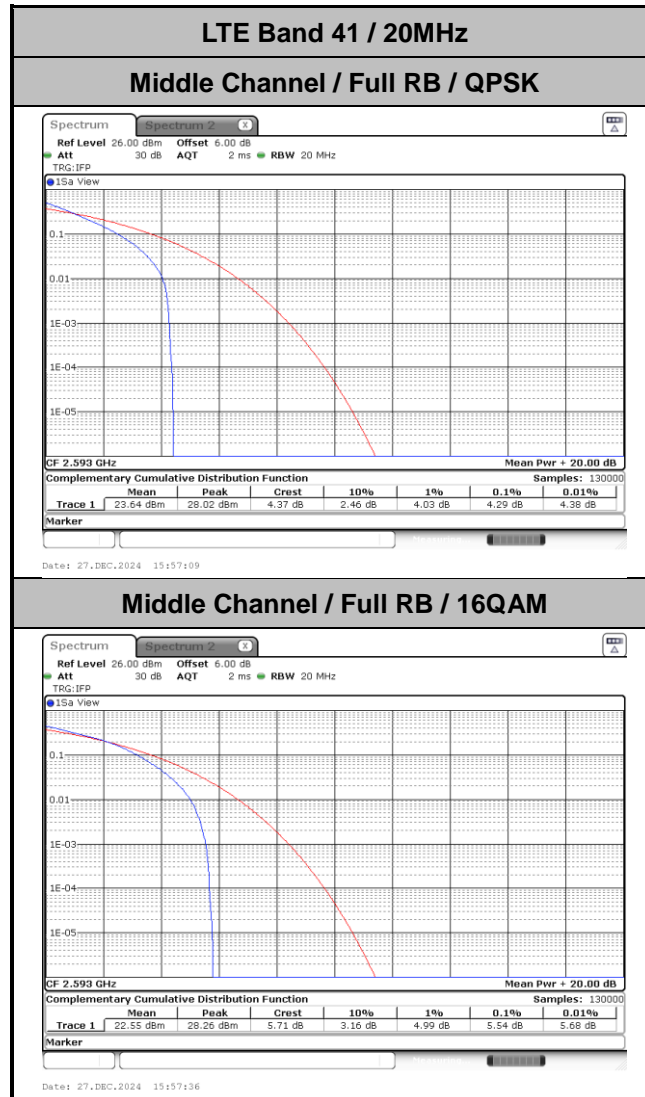
1. Normal Voltage =3.85 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.53V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

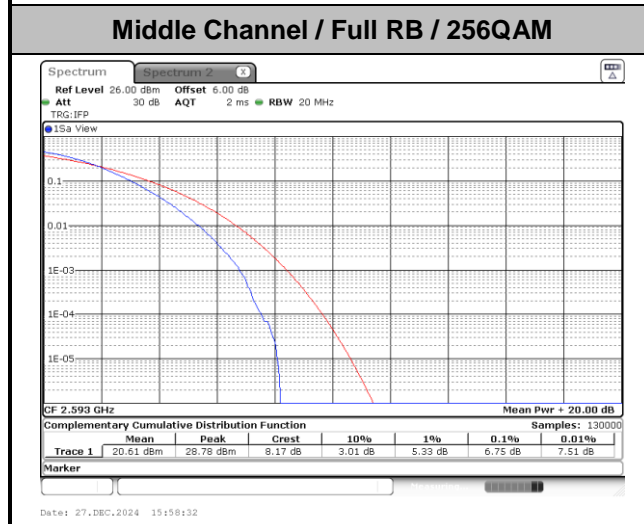
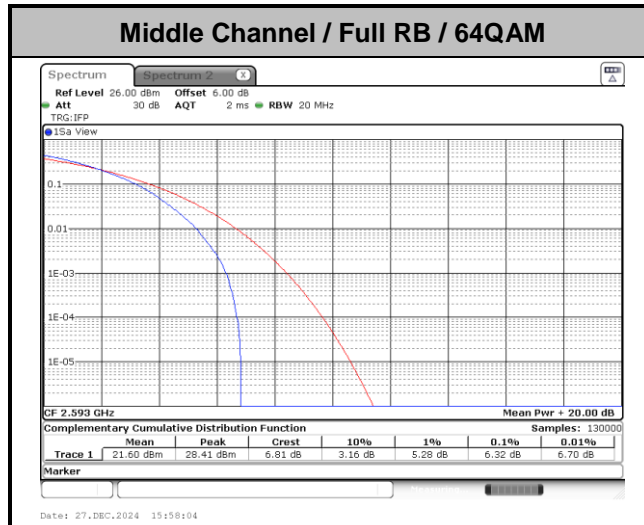


LTE Band 41(Other PA)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.29	5.54	6.32	6.75	PASS

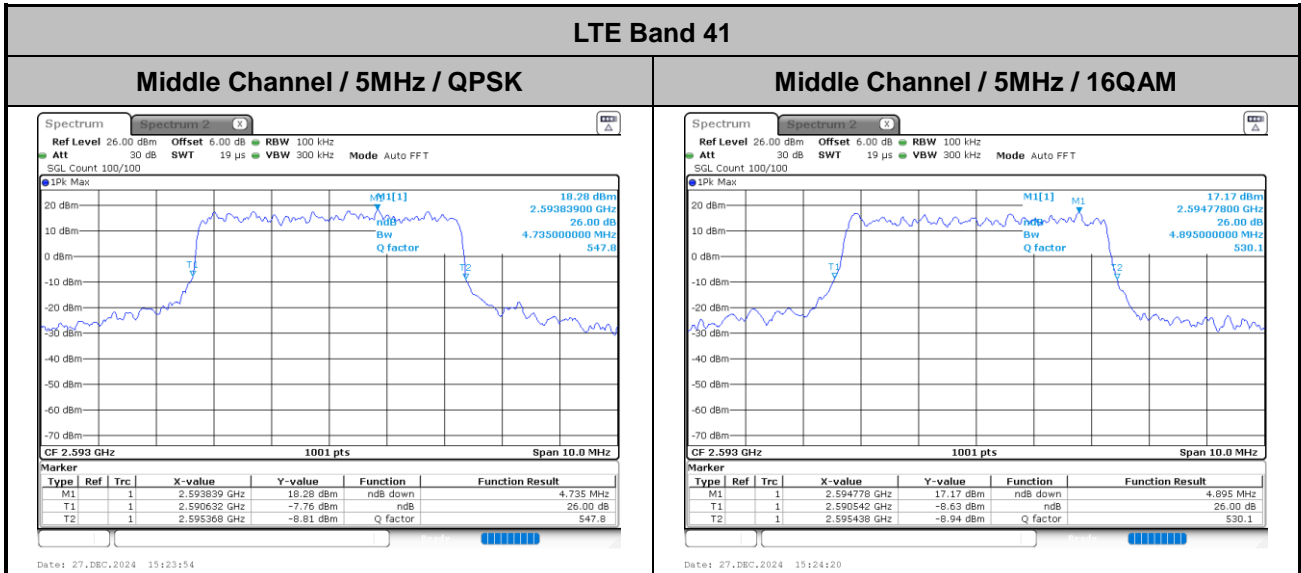






26dB Bandwidth

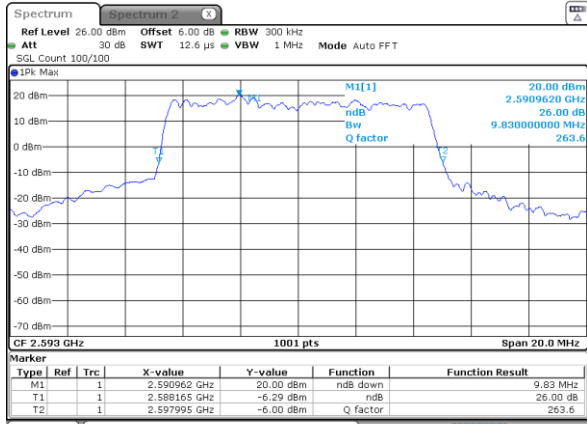
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.74	4.90
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.83	9.63
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.416	14.236
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.061	18.981





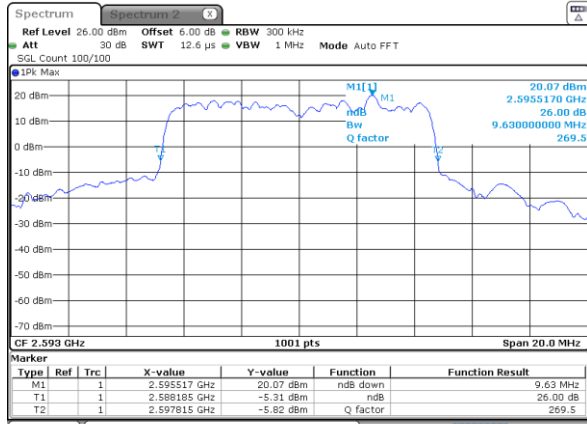
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 27.Dec.2024 15:50:44

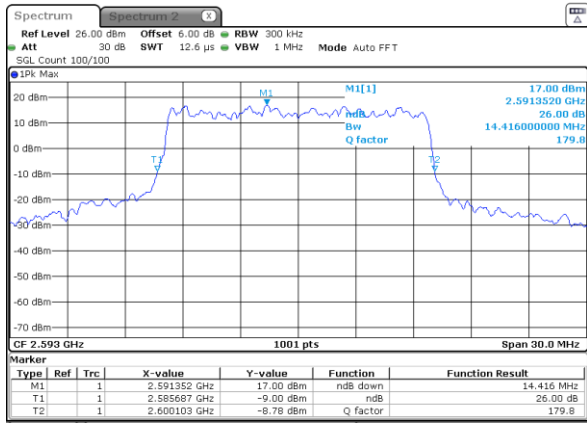
Middle Channel / 10MHz / 16QAM



Date: 27.Dec.2024 15:51:10

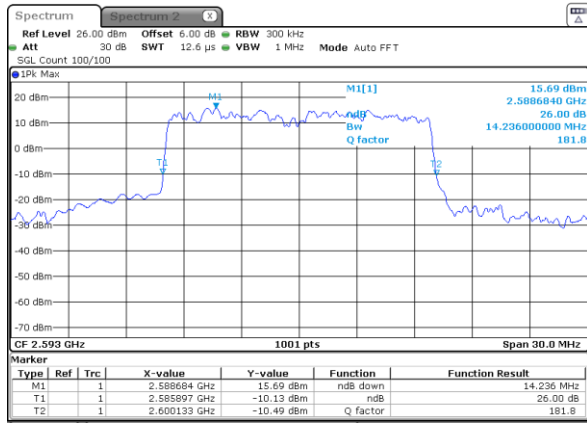
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 27.Dec.2024 15:53:54

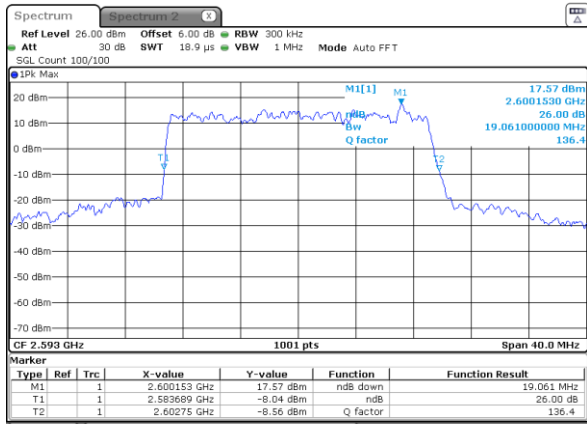
Middle Channel / 15MHz / 16QAM



Date: 27.Dec.2024 15:54:21

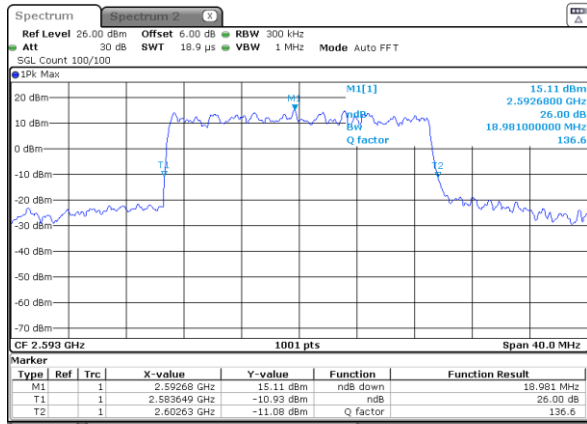
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 27.Dec.2024 15:56:00

Middle Channel / 20MHz / 16QAM

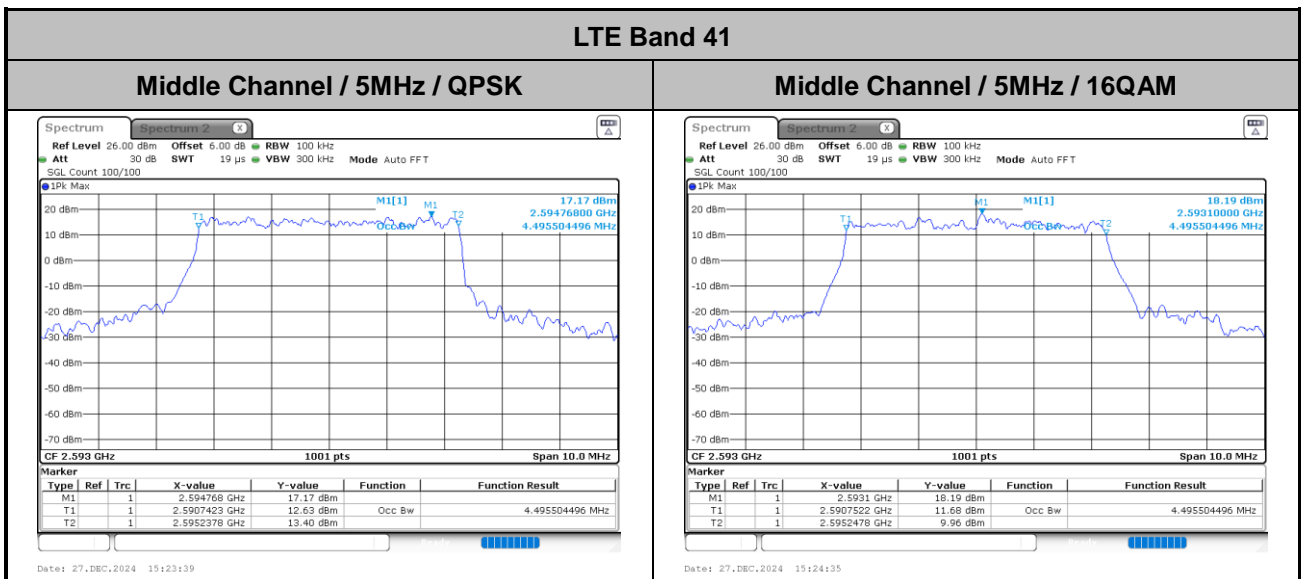


Date: 27.Dec.2024 15:56:126



Occupied Bandwidth

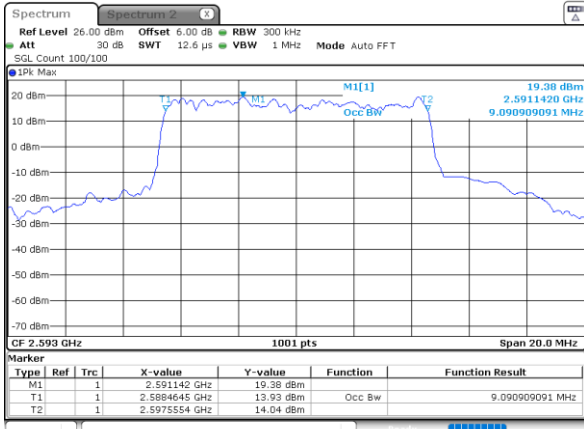
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.09
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	13.34
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.86





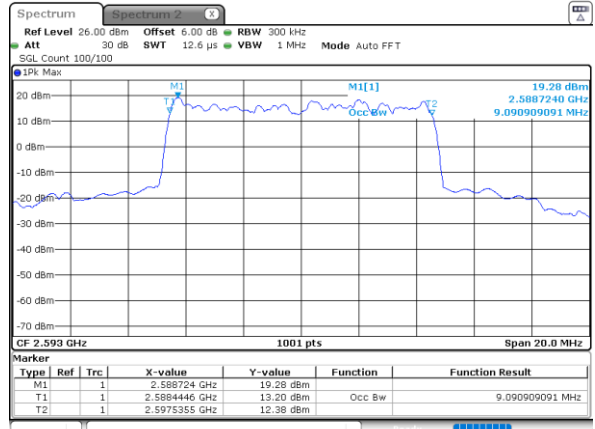
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 27_DEC.2024 15:50:29

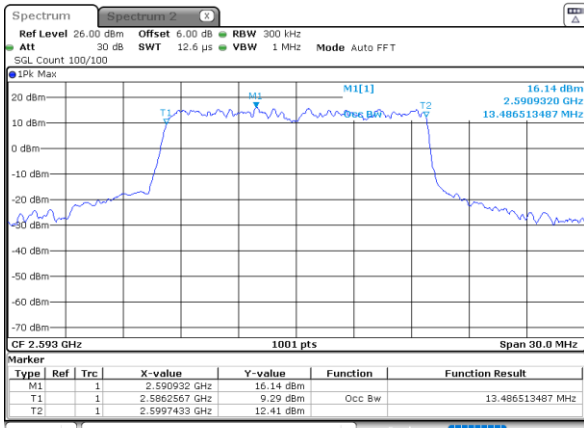
Middle Channel / 10MHz / 16QAM



Date: 27_DEC.2024 15:51:25

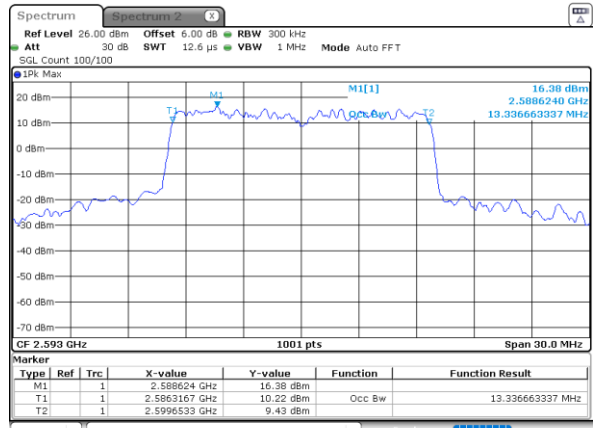
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 27_DEC.2024 15:53:39

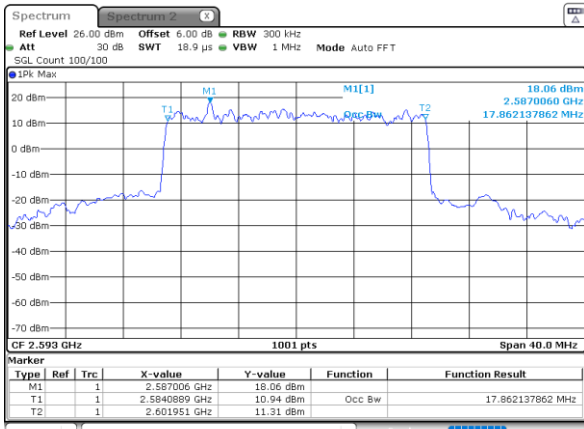
Middle Channel / 15MHz / 16QAM



Date: 27_DEC.2024 15:54:35

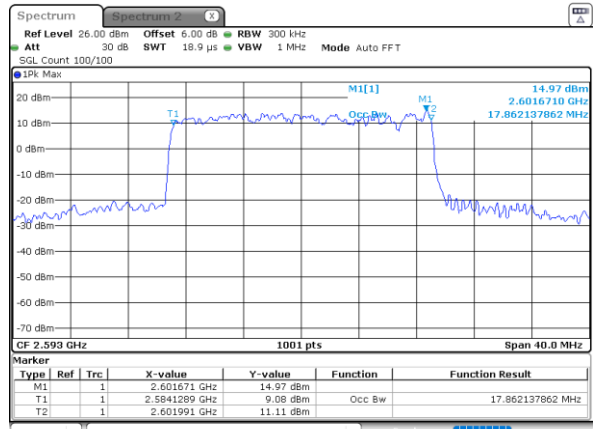
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 27_DEC.2024 15:55:45

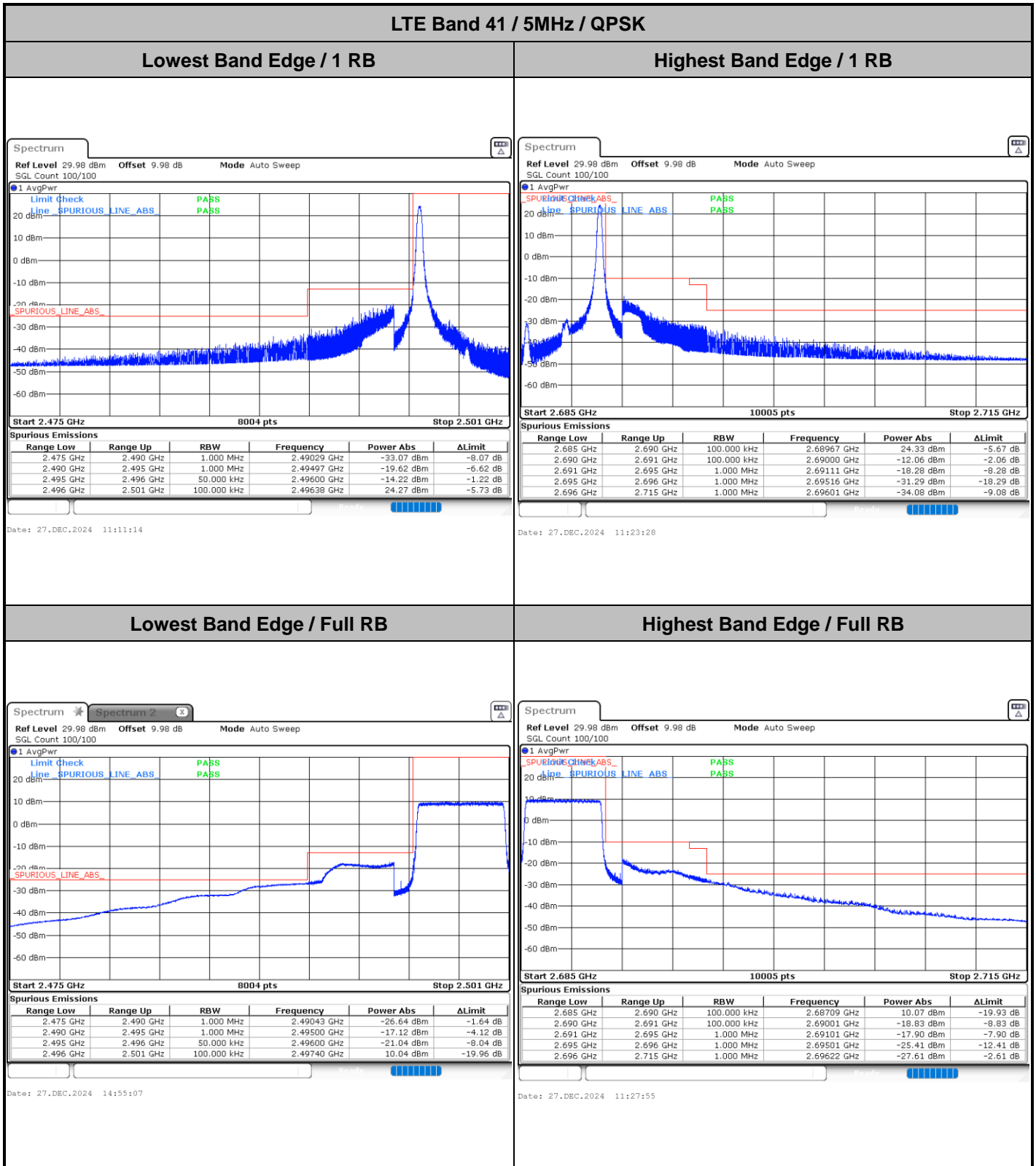
Middle Channel / 20MHz / 16QAM



Date: 27_DEC.2024 15:56:41



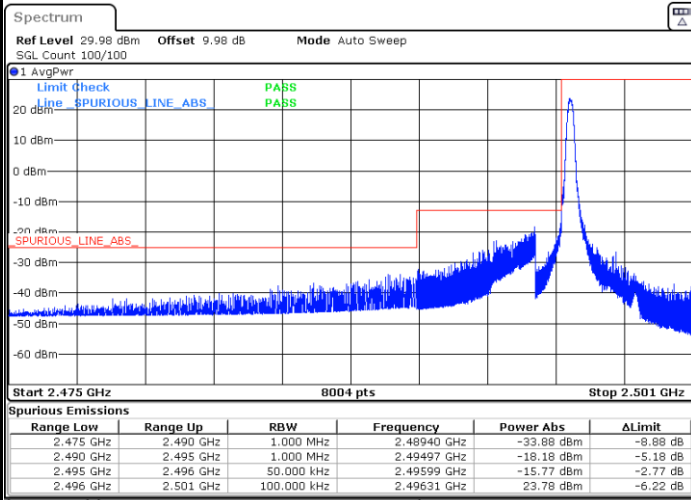
Conducted Band Edge





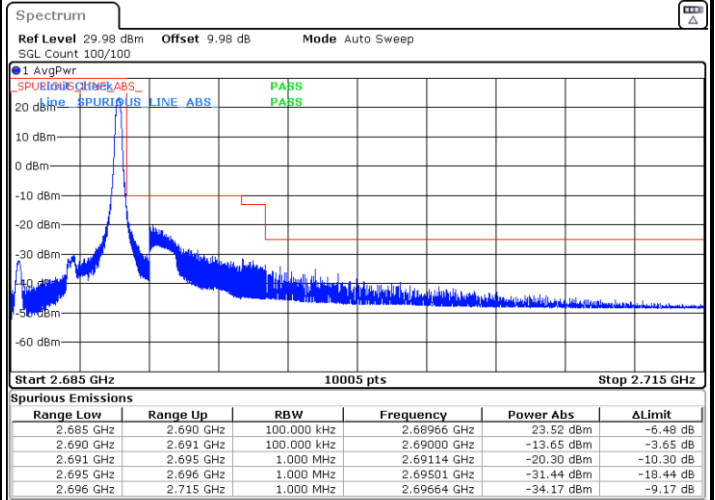
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



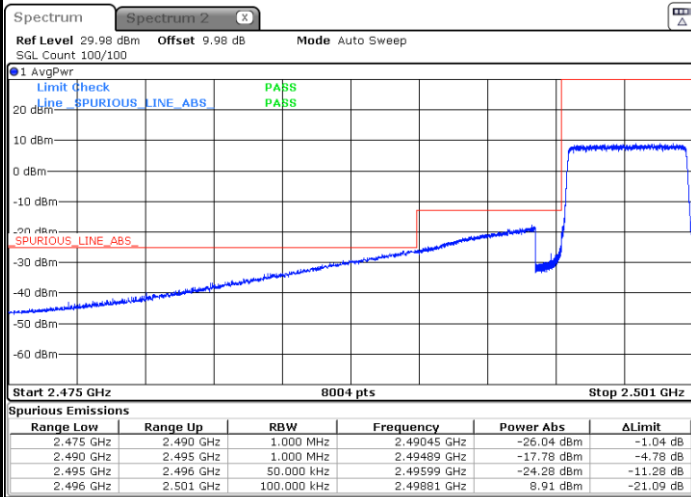
Date: 27.DEC.2024 11:12:21

Highest Band Edge / 1 RB



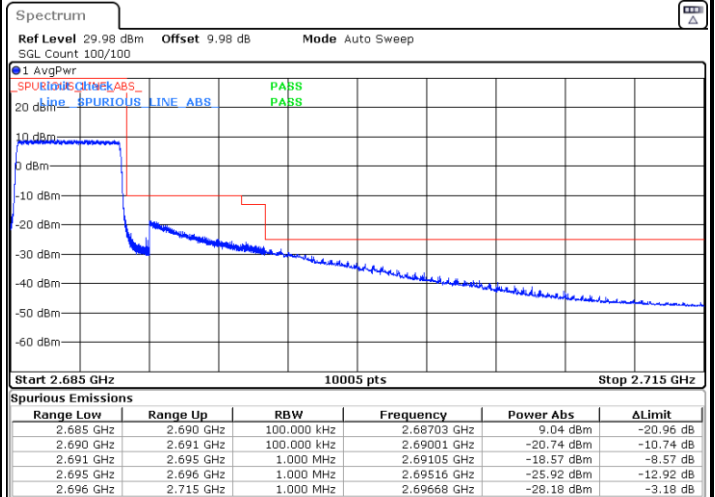
Date: 27.DEC.2024 11:24:35

Lowest Band Edge / Full RB



Date: 27.DEC.2024 18:44:36

Highest Band Edge / Full RB

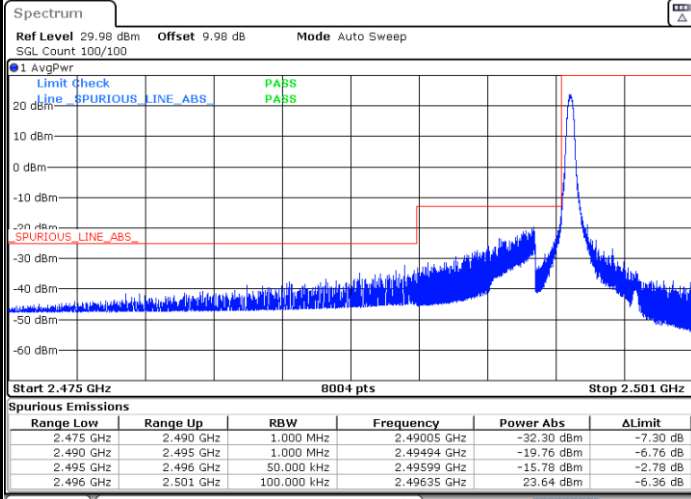


Date: 27.DEC.2024 11:31:14



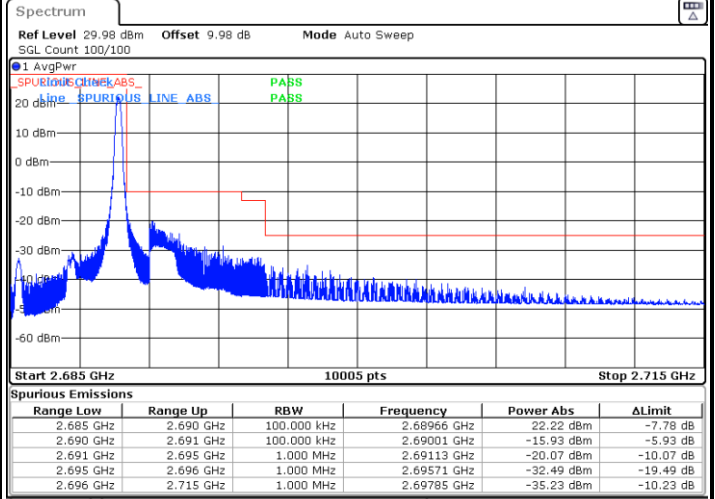
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



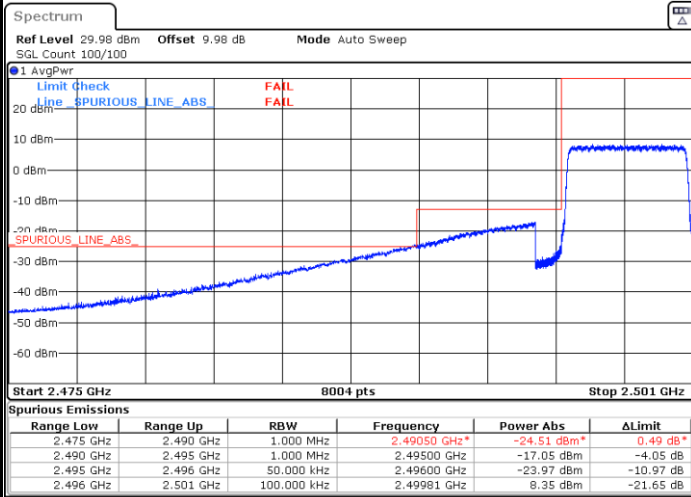
Date: 27.DEC.2024 11:13:28

Highest Band Edge / 1 RB



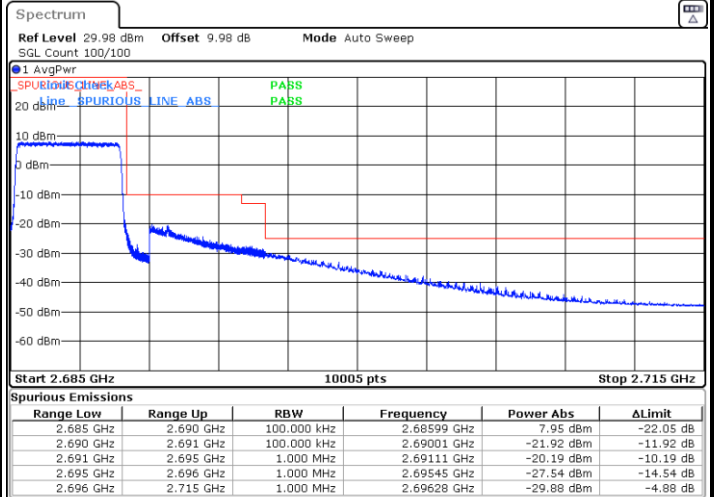
Date: 27.DEC.2024 11:25:42

Lowest Band Edge / Full RB

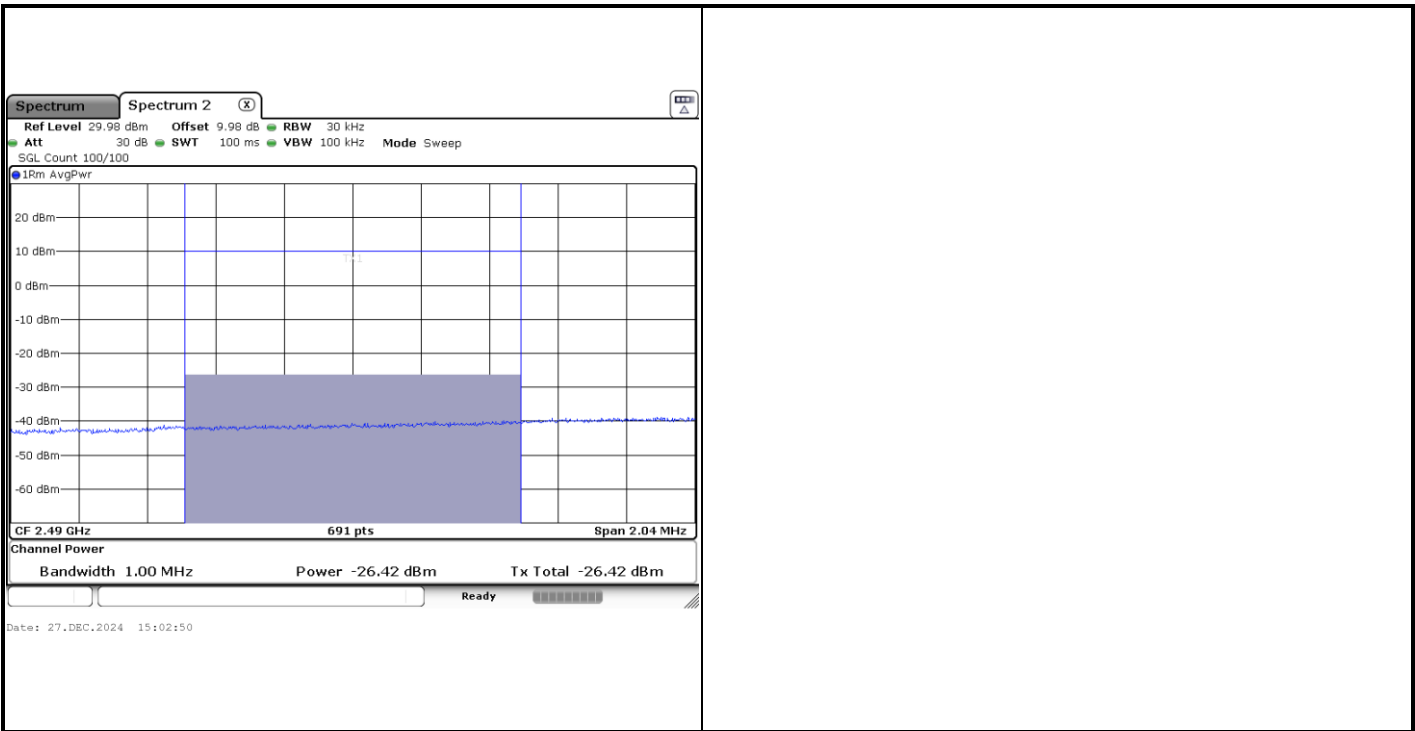


Date: 27.DEC.2024 11:18:42

Highest Band Edge / Full RB



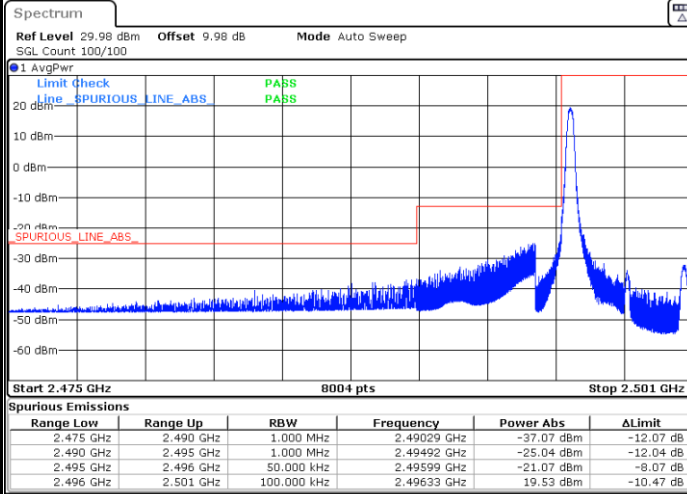
Date: 27.DEC.2024 11:30:08





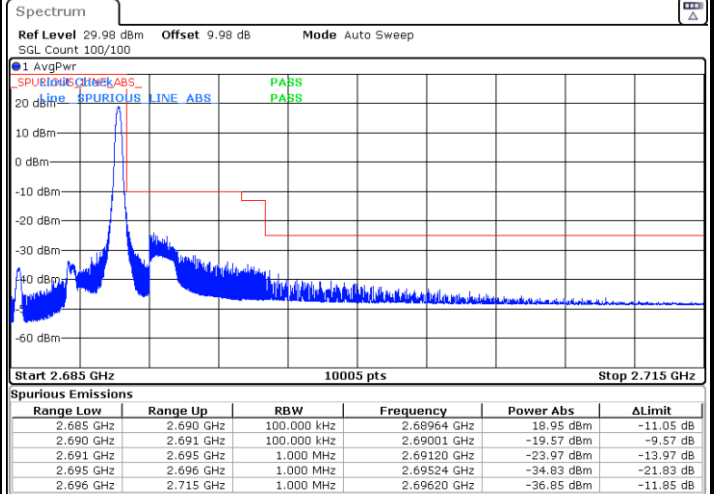
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



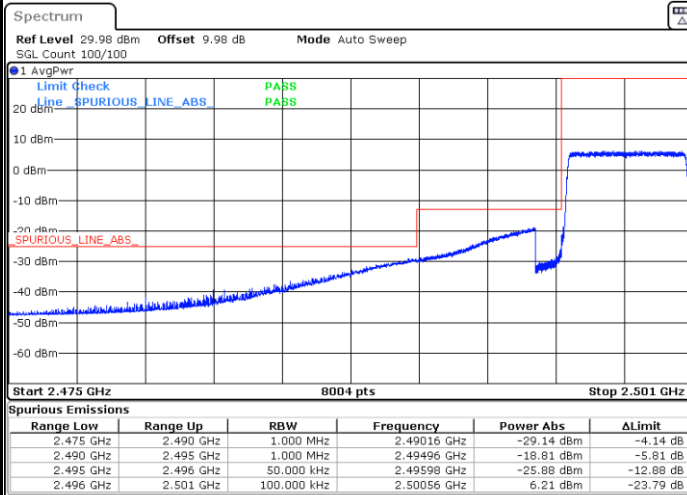
Date: 27.DEC.2024 11:15:21

Highest Band Edge / 1 RB



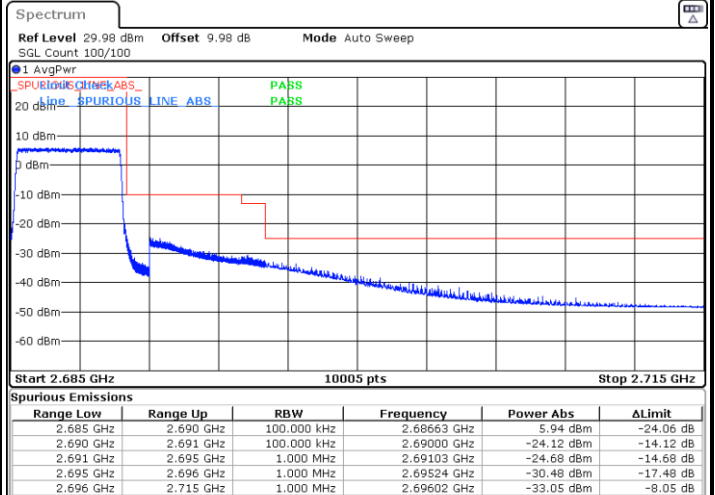
Date: 27.DEC.2024 11:26:48

Lowest Band Edge / Full RB



Date: 27.DEC.2024 11:17:35

Highest Band Edge / Full RB

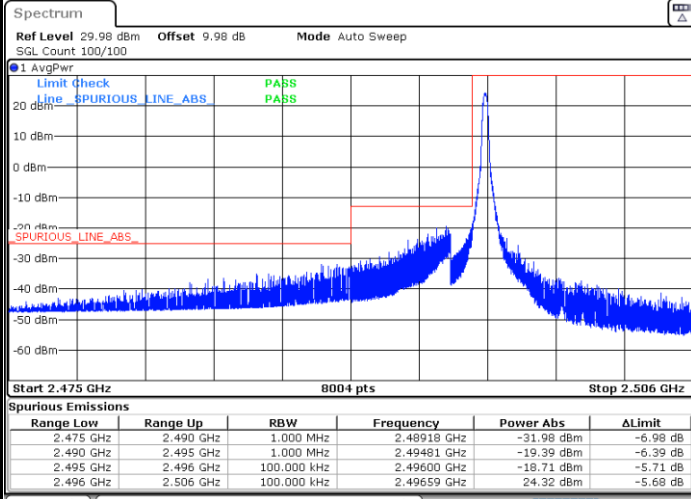


Date: 27.DEC.2024 11:29:01



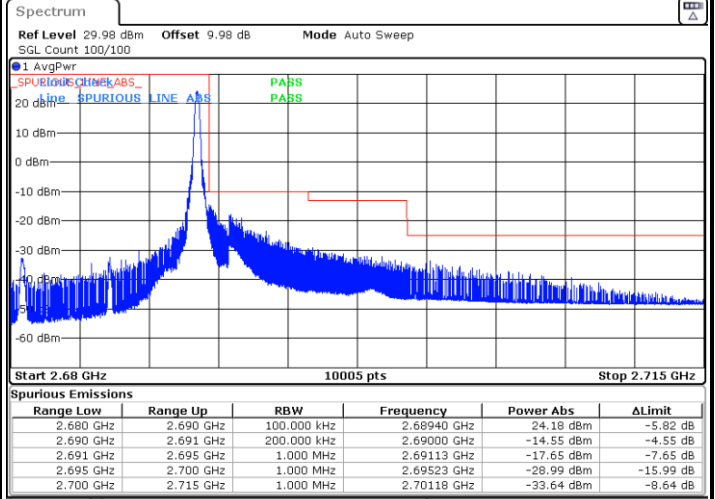
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



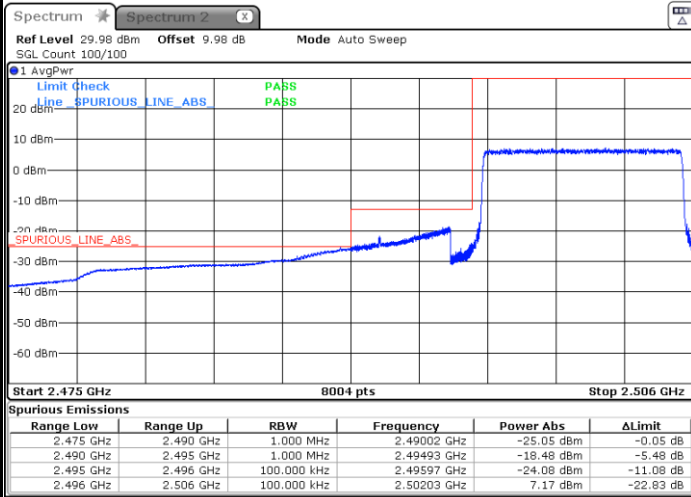
Date: 27.DEC.2024 11:41:08

Highest Band Edge / 1 RB



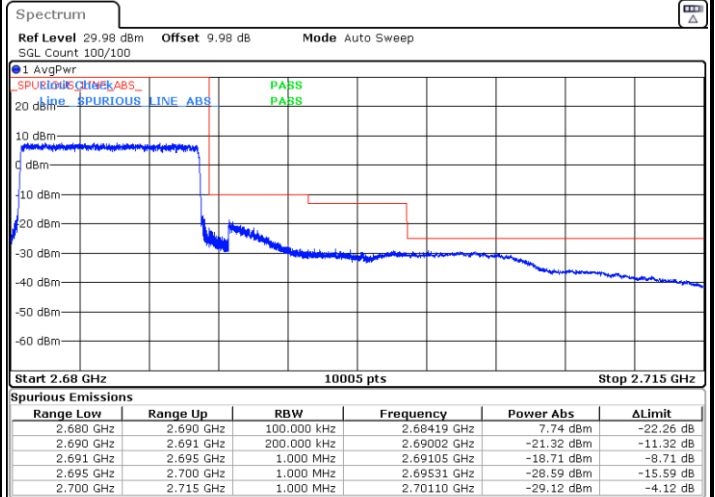
Date: 27.DEC.2024 11:52:36

Lowest Band Edge / Full RB

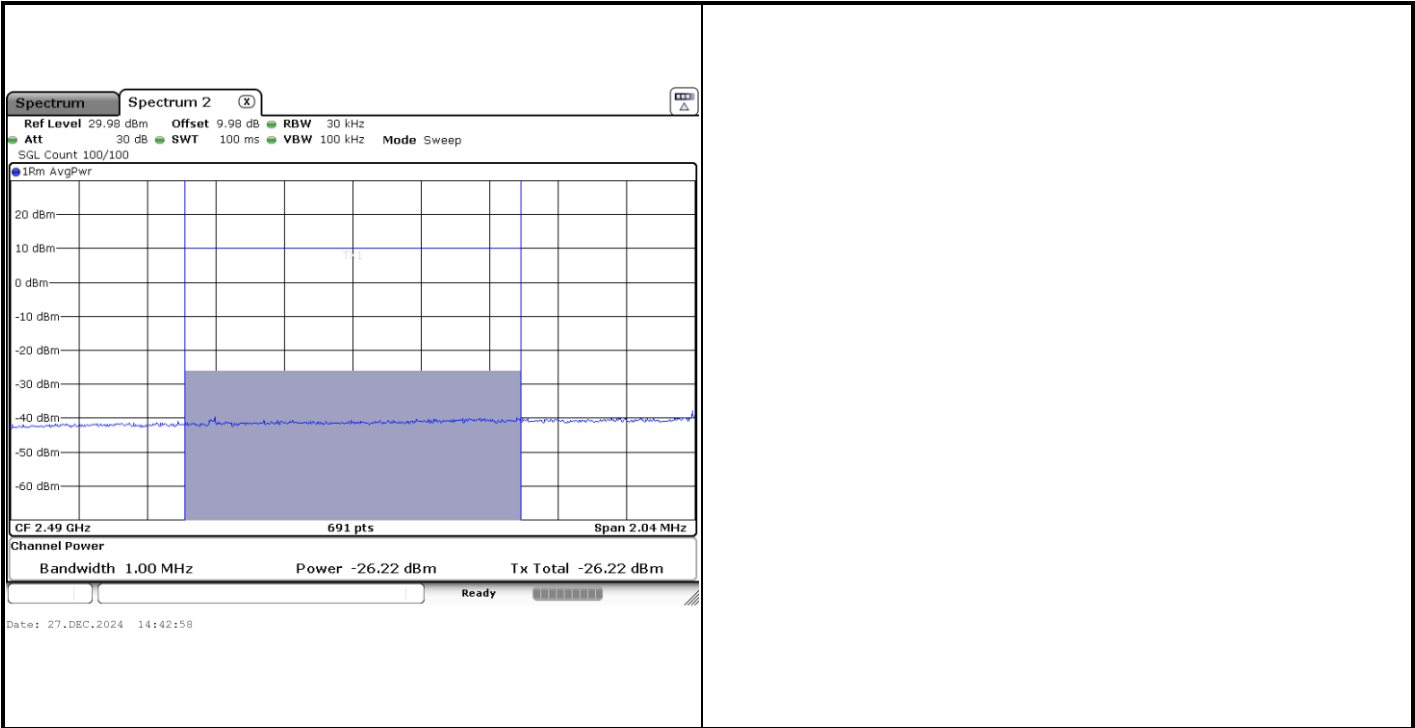


Date: 27.DEC.2024 14:41:58

Highest Band Edge / Full RB



Date: 27.DEC.2024 11:57:03

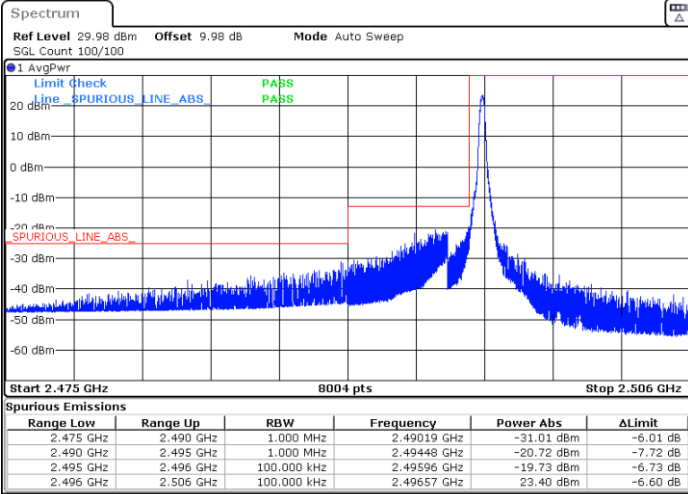




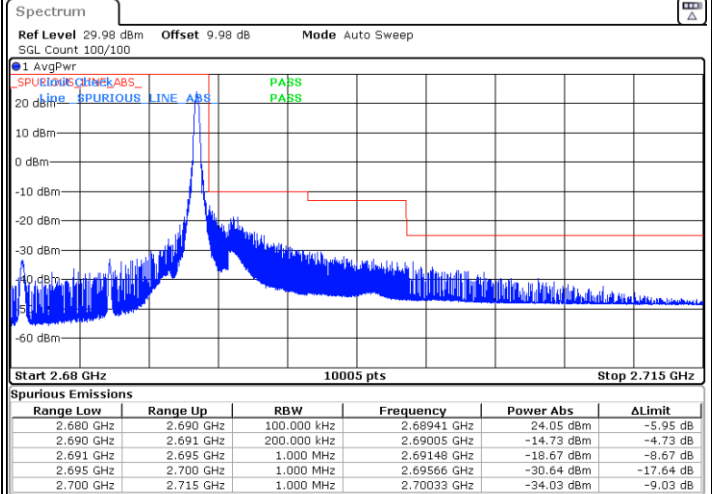
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



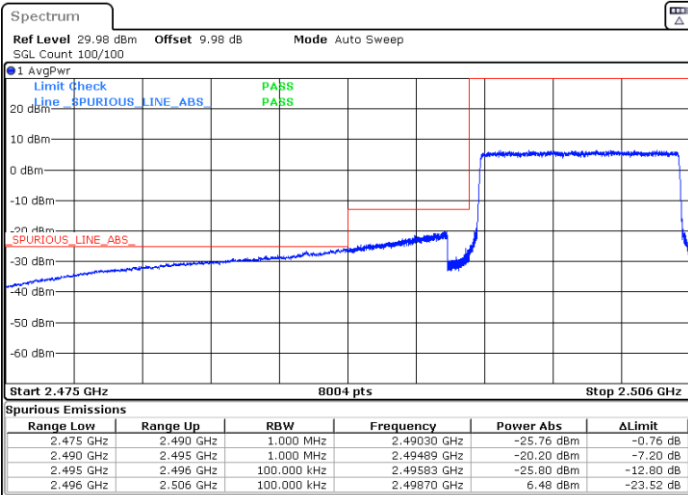
Date: 27.DEC.2024 11:42:14



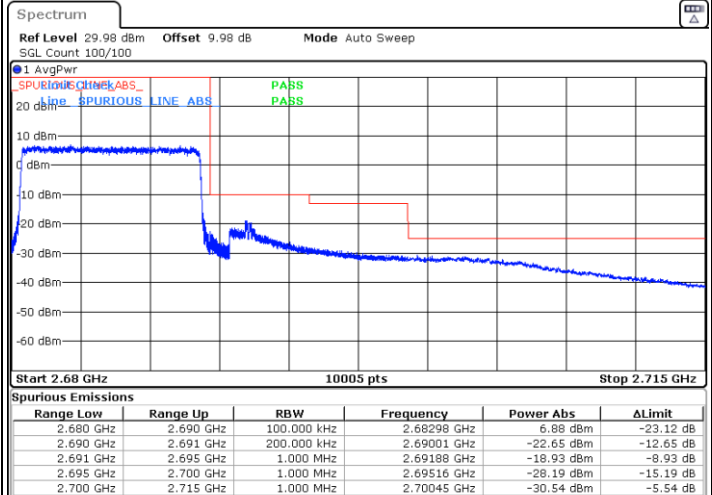
Date: 27.DEC.2024 11:53:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.DEC.2024 11:46:42

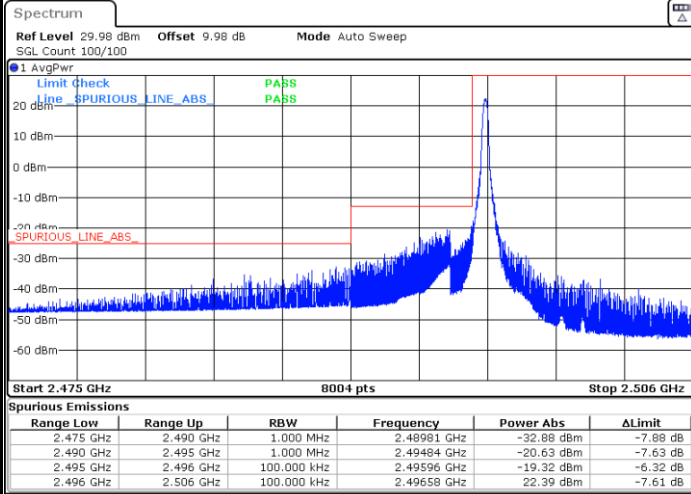


Date: 27.DEC.2024 11:58:09



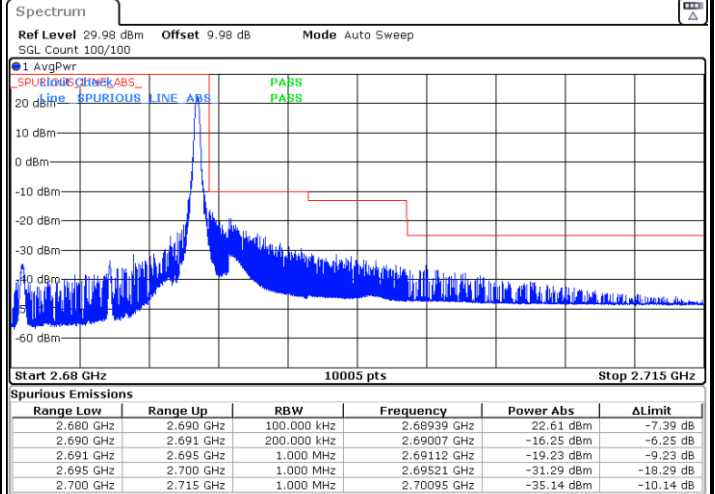
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



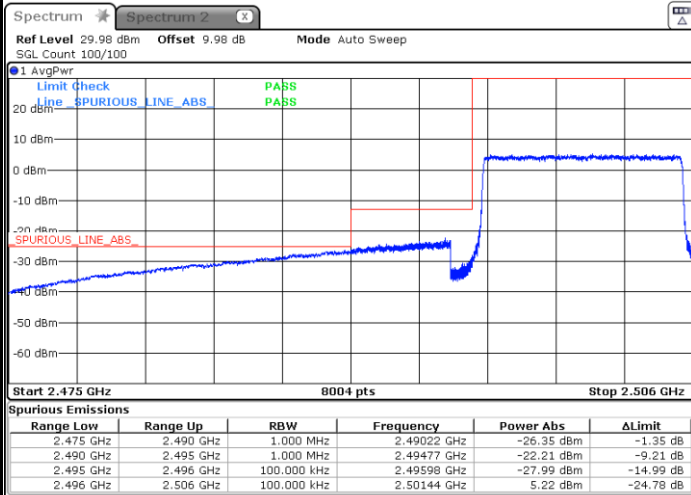
Date: 27.DEC.2024 11:43:21

Highest Band Edge / 1 RB



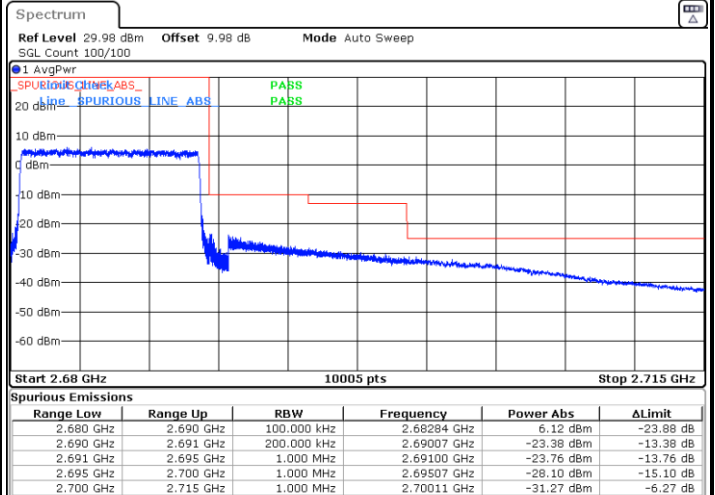
Date: 27.DEC.2024 11:54:50

Lowest Band Edge / Full RB



Date: 27.DEC.2024 14:47:59

Highest Band Edge / Full RB

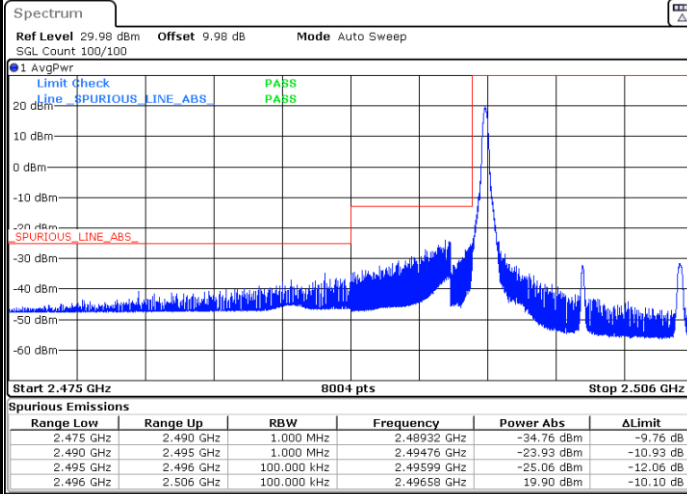


Date: 27.DEC.2024 11:59:16



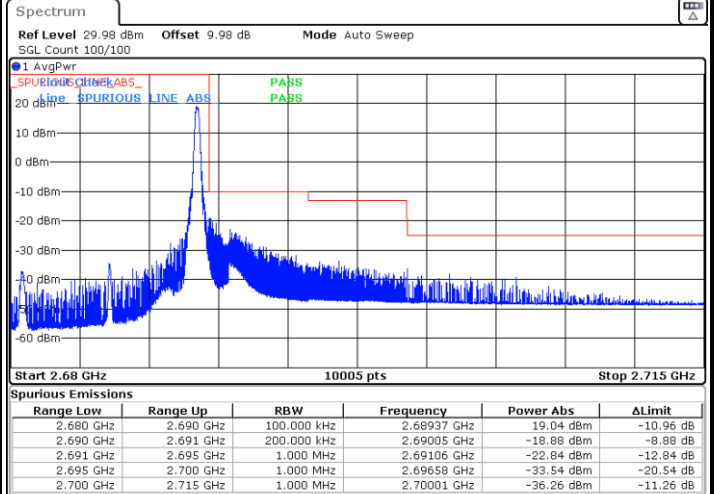
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



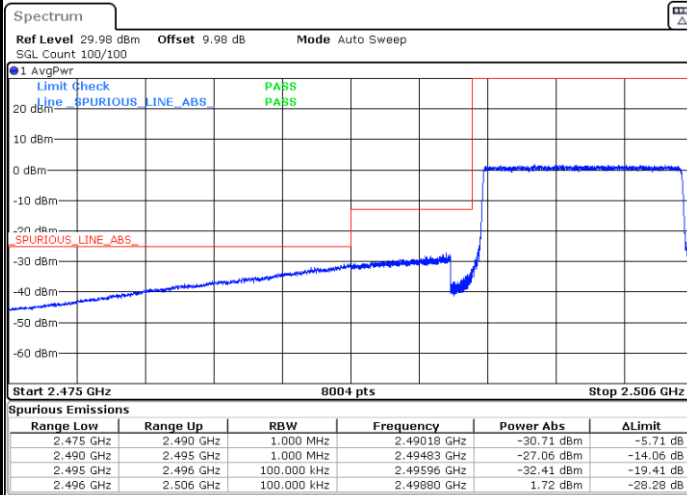
Date: 27.DEC.2024 11:44:28

Highest Band Edge / 1 RB



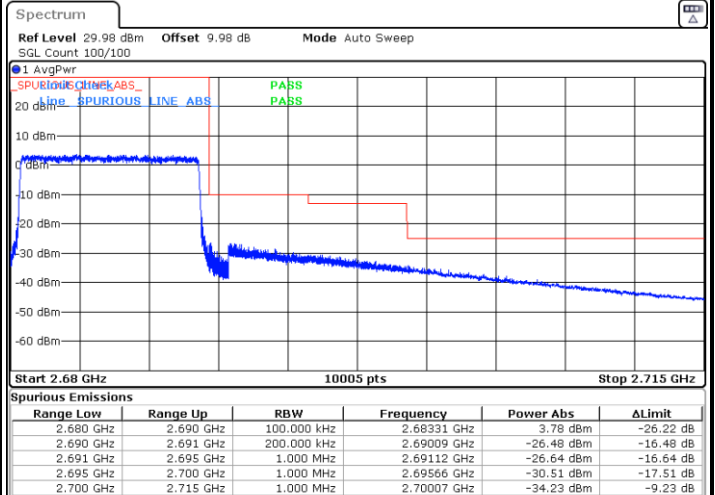
Date: 27.DEC.2024 11:55:56

Lowest Band Edge / Full RB



Date: 27.DEC.2024 11:48:56

Highest Band Edge / Full RB



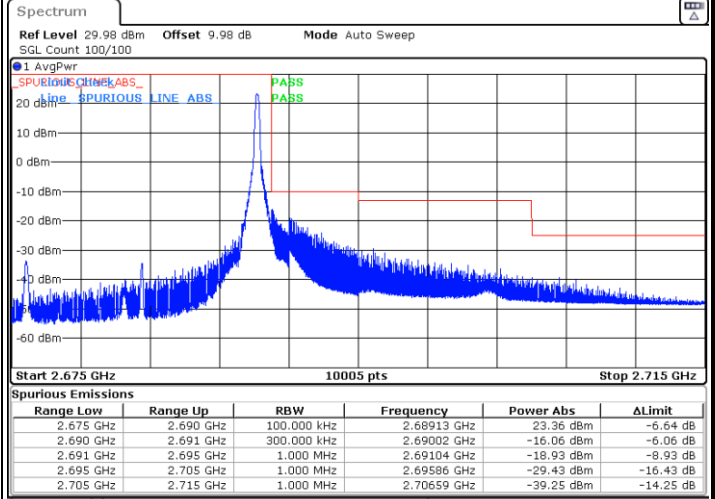
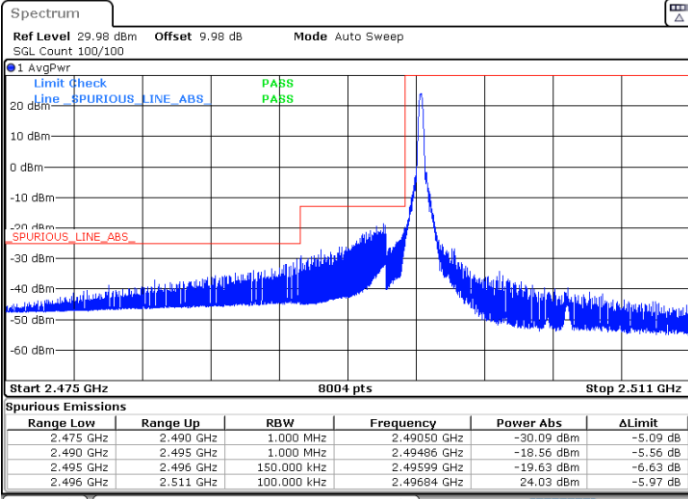
Date: 27.DEC.2024 12:00:23



LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

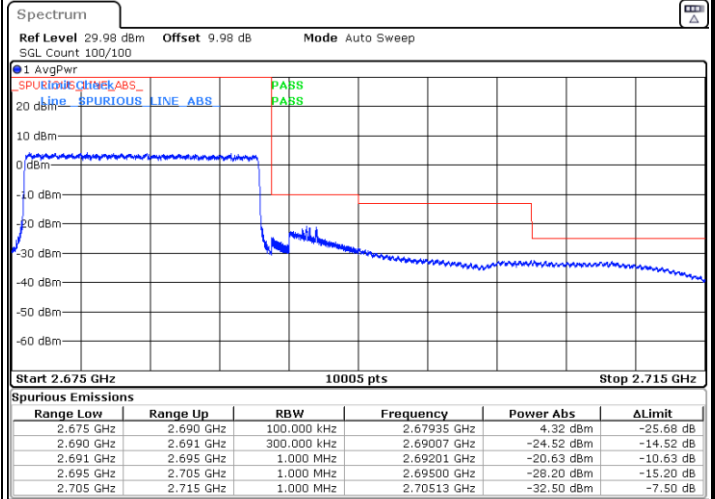
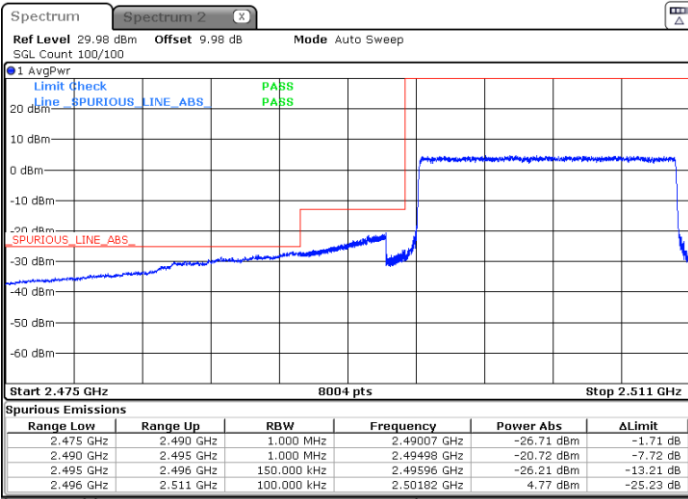


Date: 27.DEC.2024 12:44:08

Date: 27.DEC.2024 12:55:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



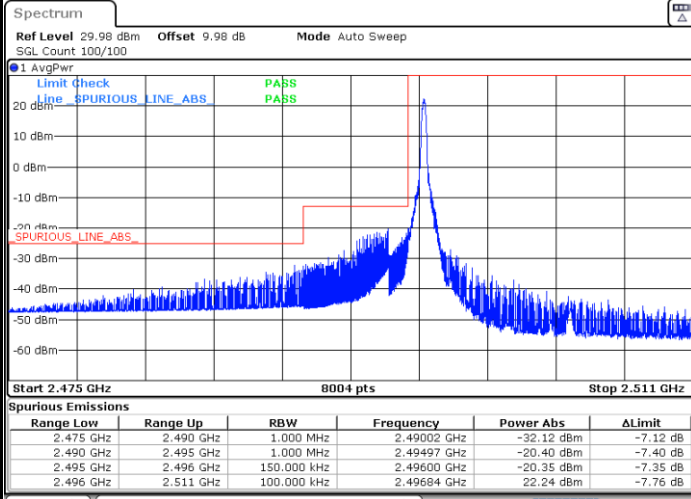
Date: 27.DEC.2024 16:54:17

Date: 27.DEC.2024 13:00:01



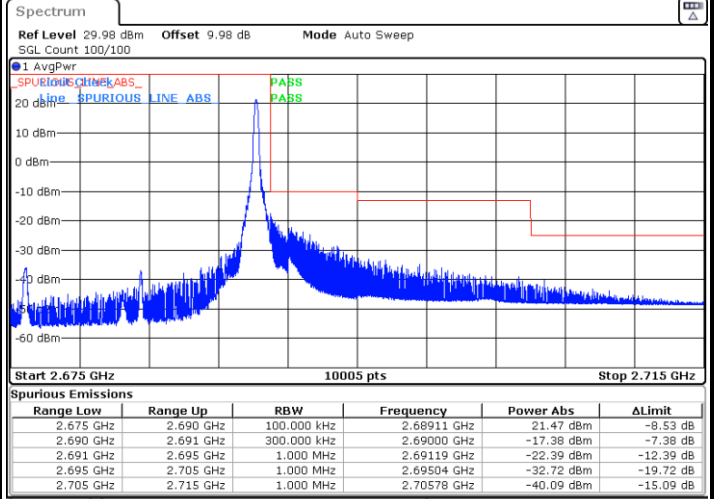
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



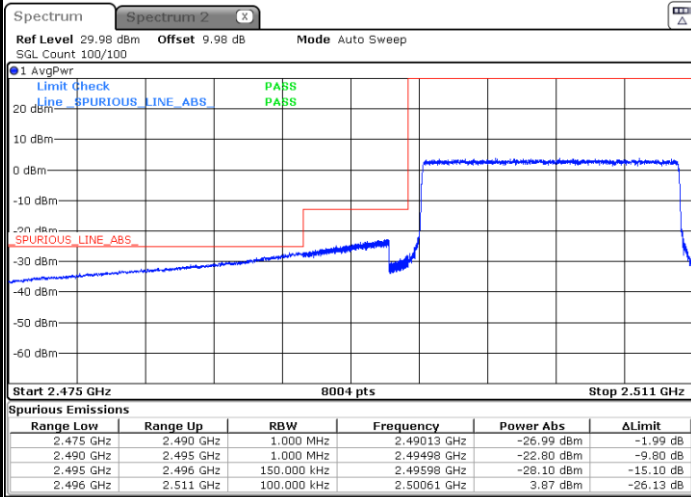
Date: 27.DEC.2024 12:45:15

Highest Band Edge / 1 RB



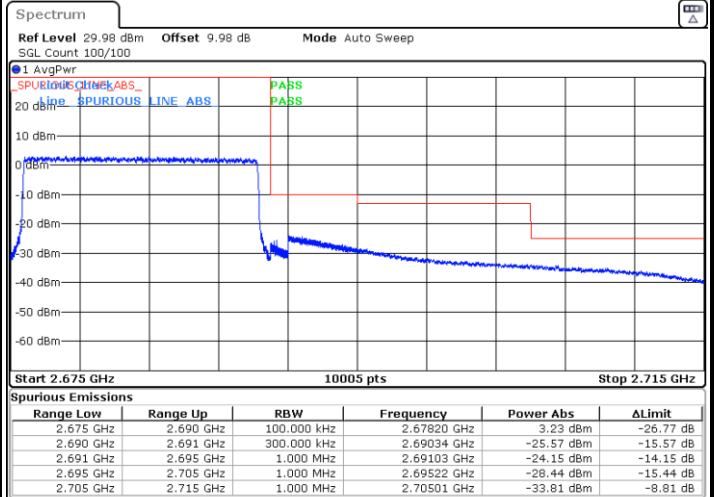
Date: 27.DEC.2024 12:56:41

Lowest Band Edge / Full RB



Date: 27.DEC.2024 16:53:03

Highest Band Edge / Full RB

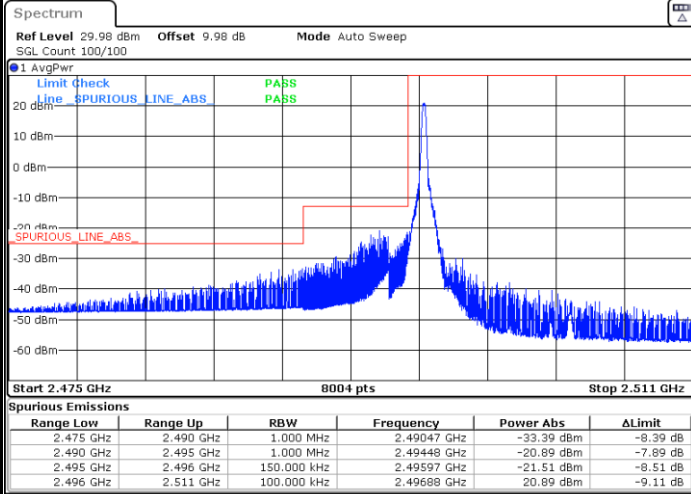


Date: 27.DEC.2024 13:01:08

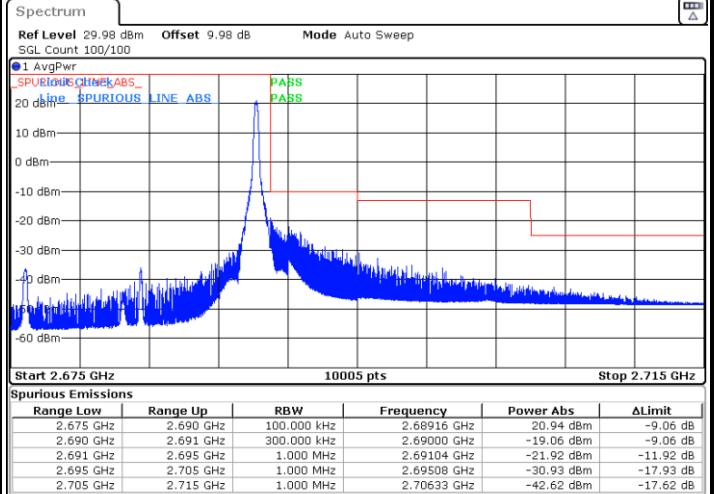


LTE Band 41 / 15MHz / 64QAM

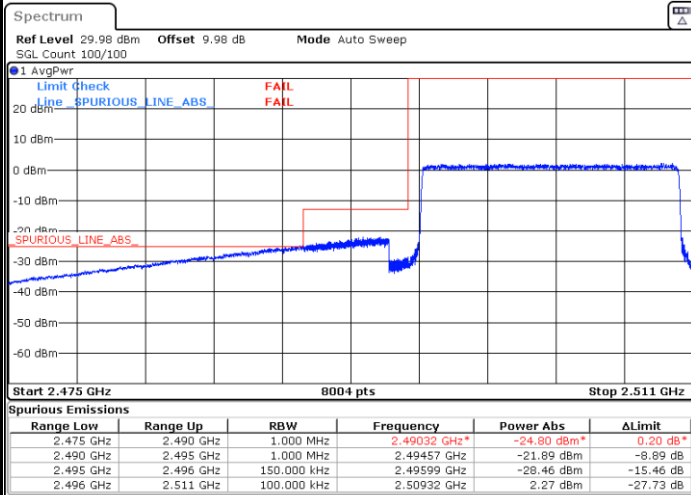
Lowest Band Edge / 1 RB



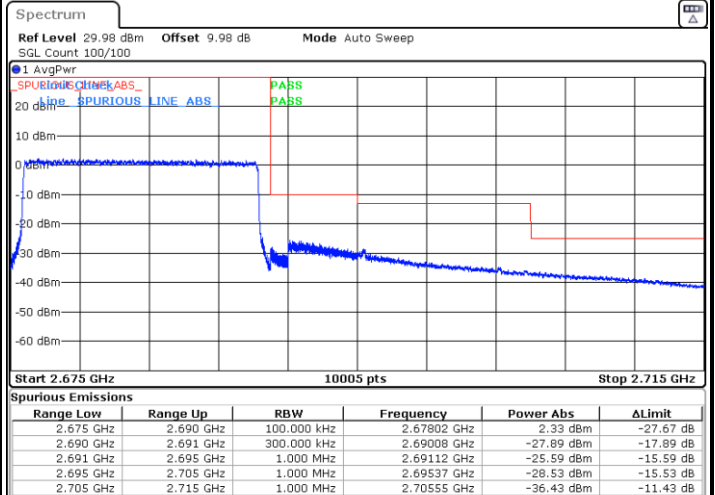
Highest Band Edge / 1 RB

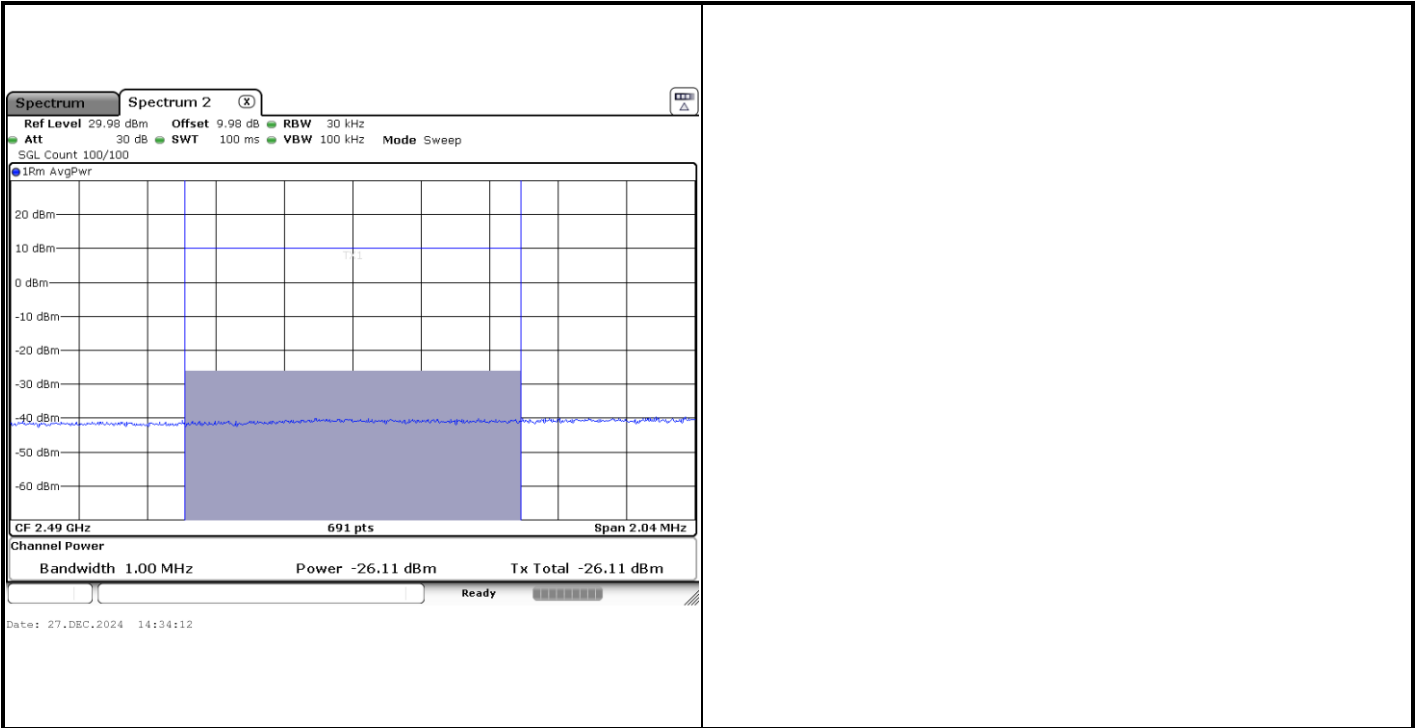


Lowest Band Edge / Full RB



Highest Band Edge / Full RB



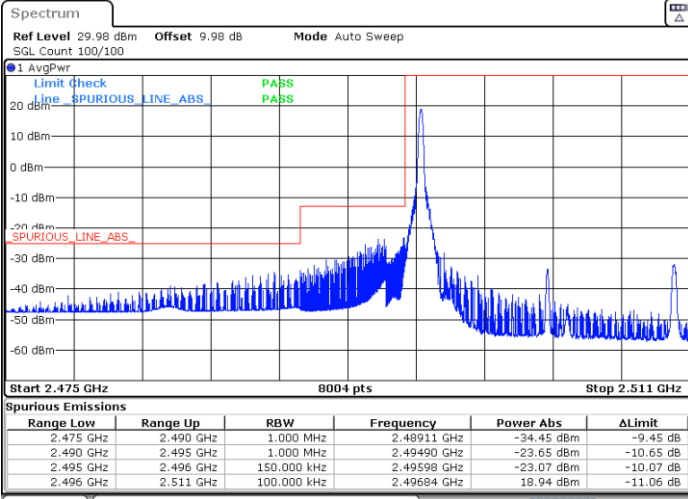




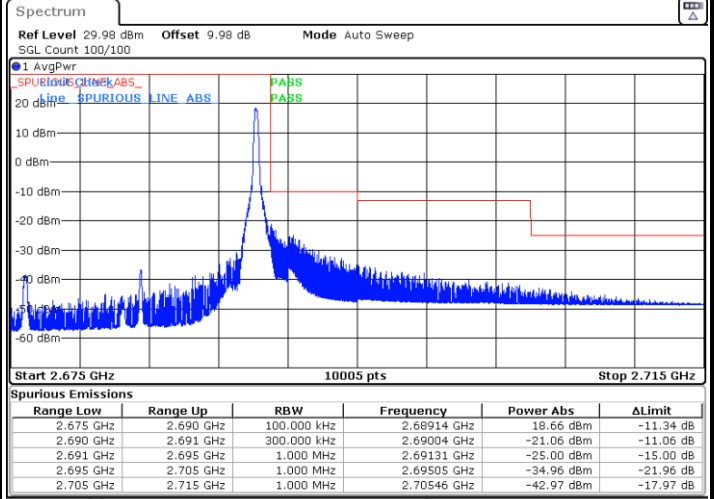
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



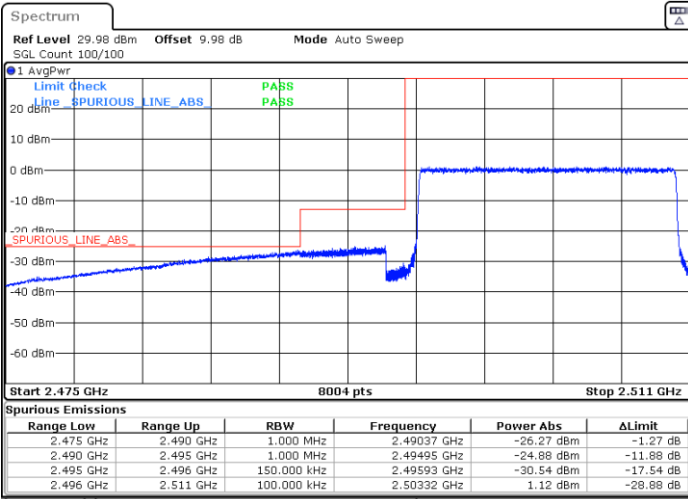
Date: 27.DEC.2024 12:47:28



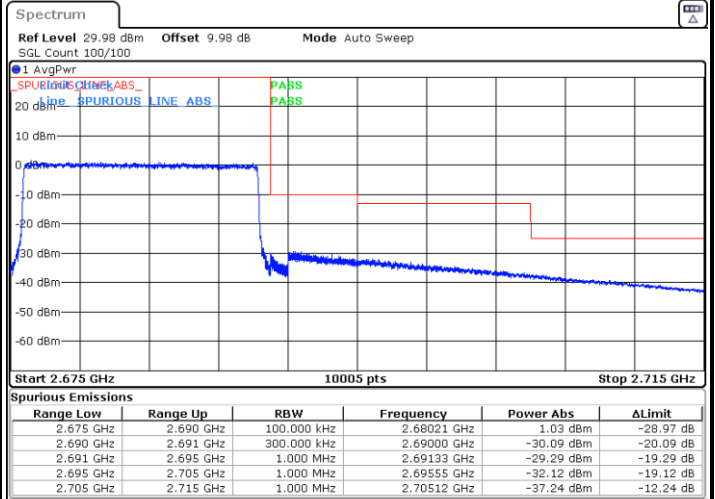
Date: 27.DEC.2024 12:58:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.DEC.2024 12:51:56



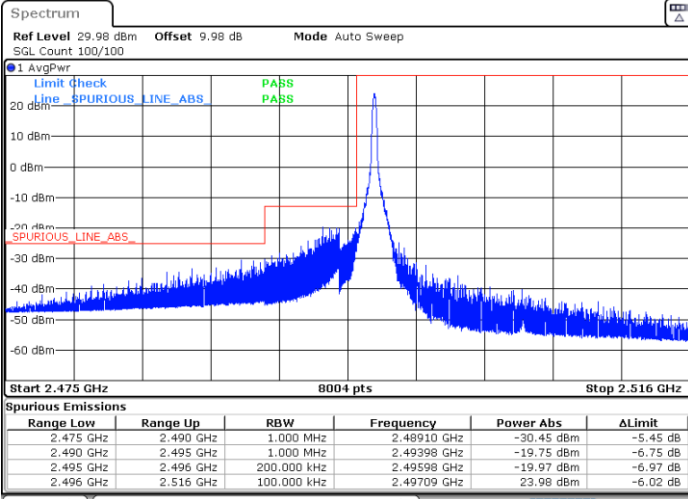
Date: 27.DEC.2024 13:03:21



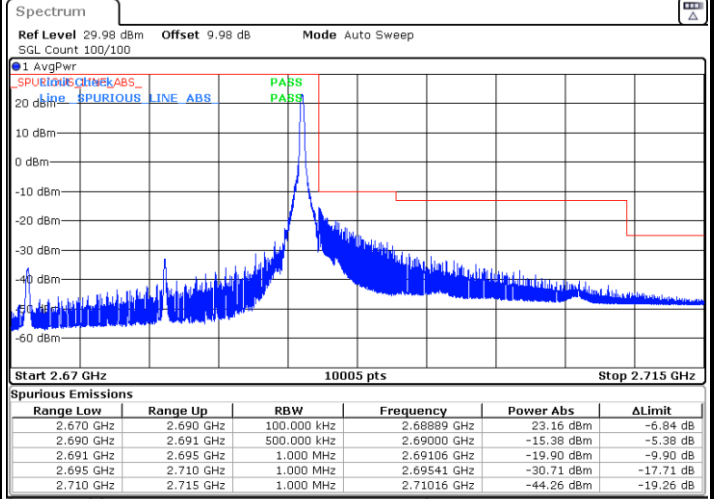
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



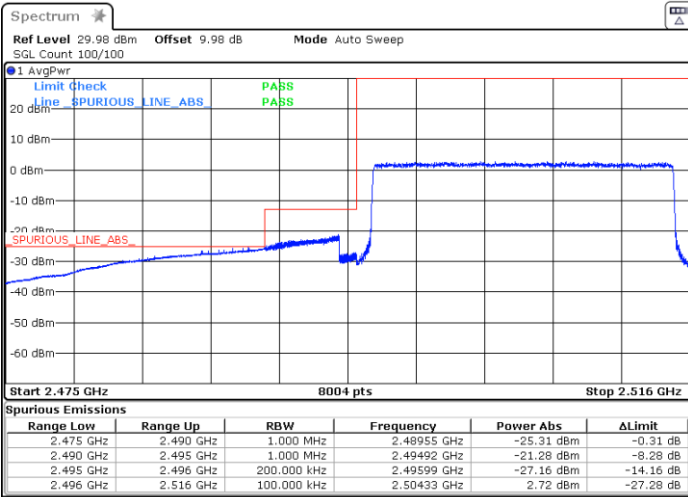
Date: 27.DEC.2024 13:16:27



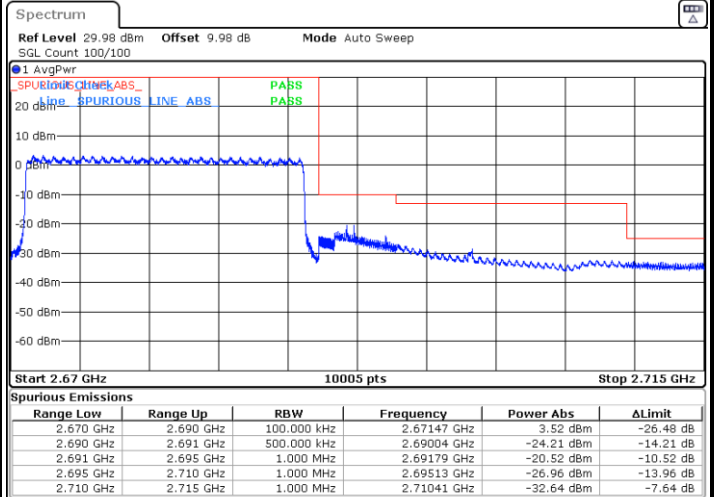
Date: 27.DEC.2024 13:27:53

Lowest Band Edge / Full RB

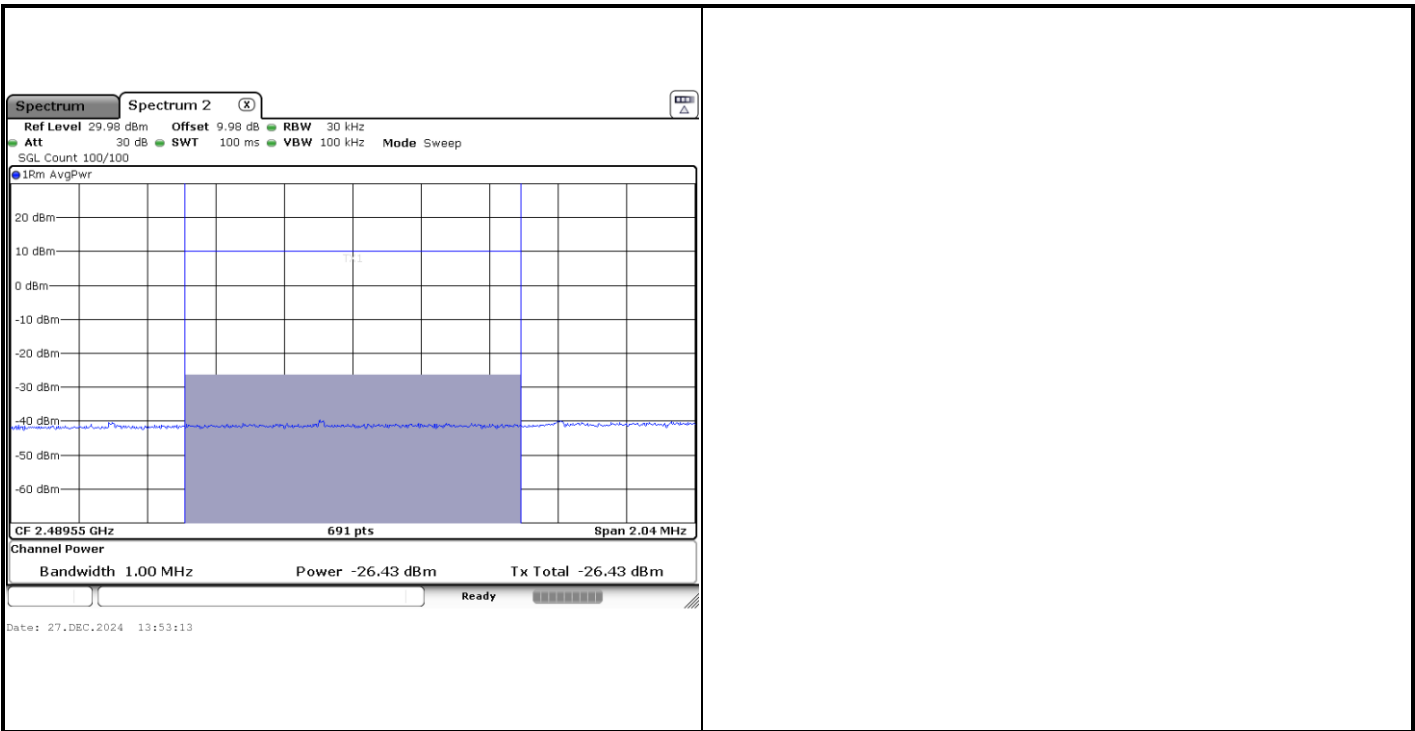
Highest Band Edge / Full RB



Date: 27.DEC.2024 13:45:59



Date: 27.DEC.2024 13:32:20

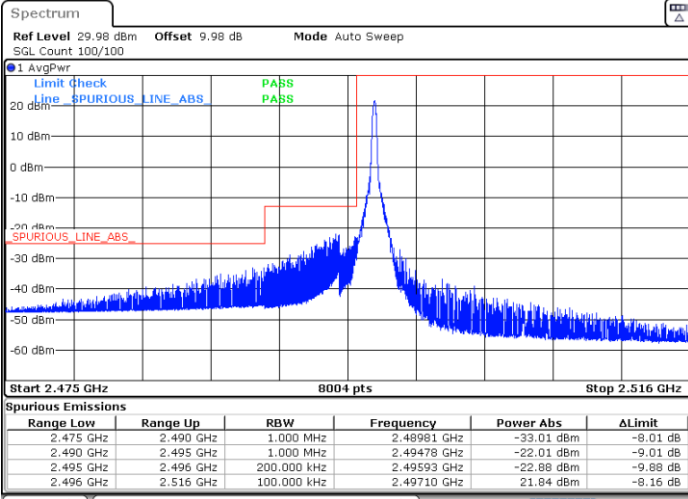




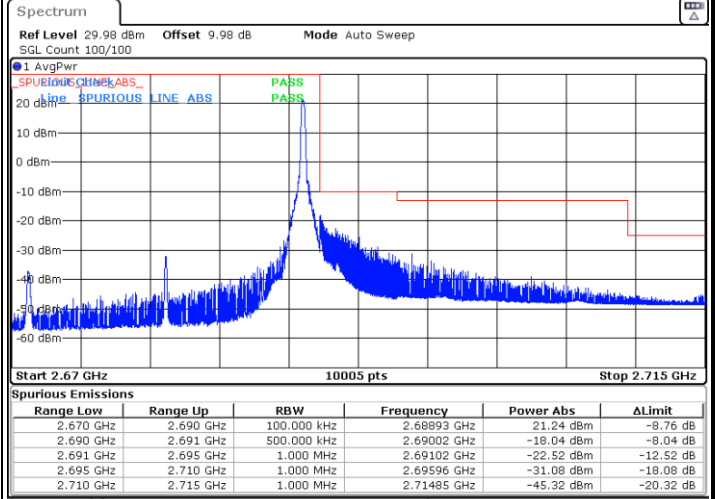
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



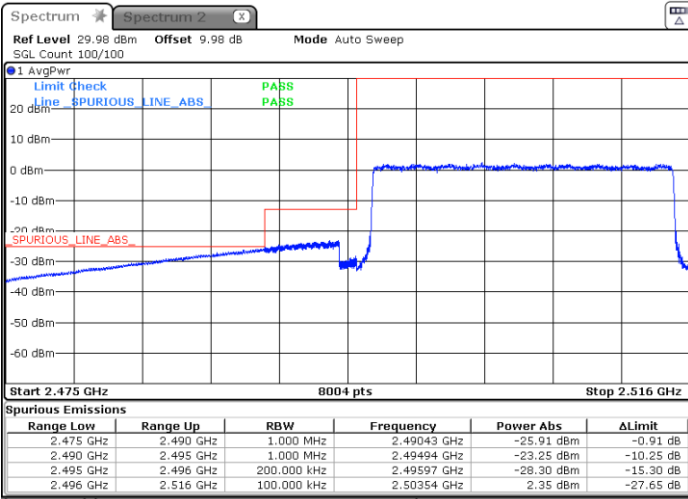
Date: 27.DEC.2024 13:17:34



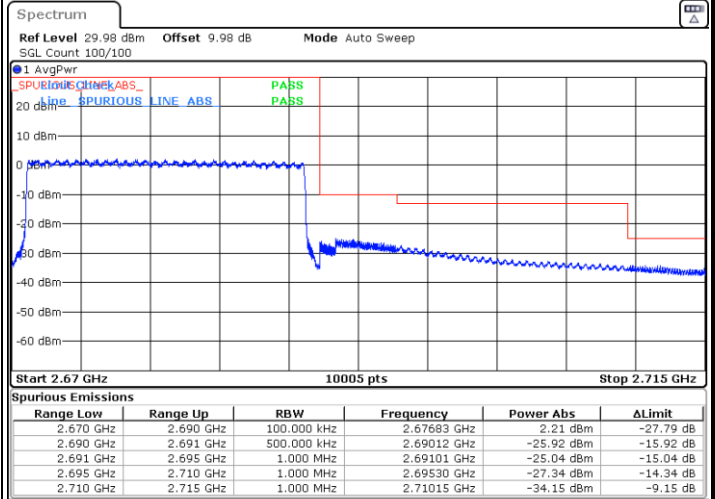
Date: 27.DEC.2024 13:29:00

Lowest Band Edge / Full RB

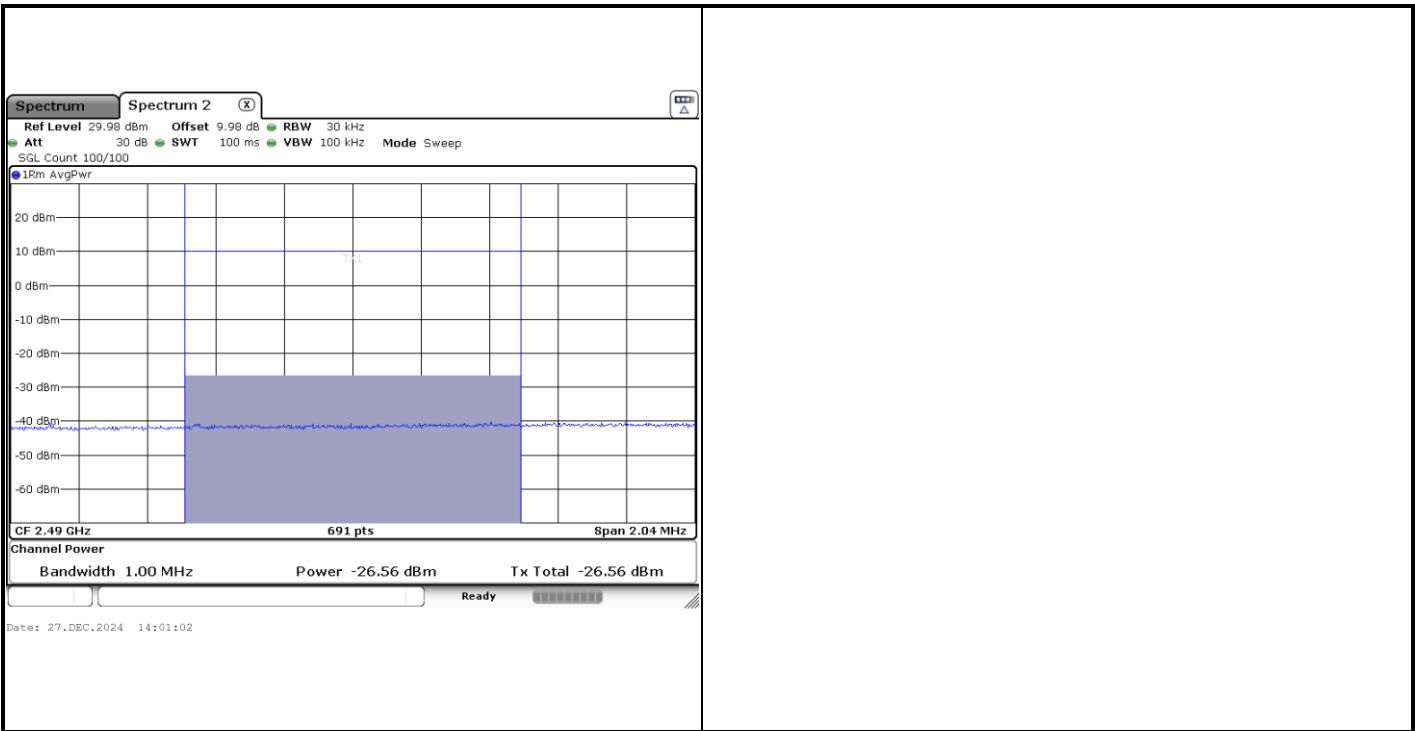
Highest Band Edge / Full RB



Date: 27.DEC.2024 13:58:49



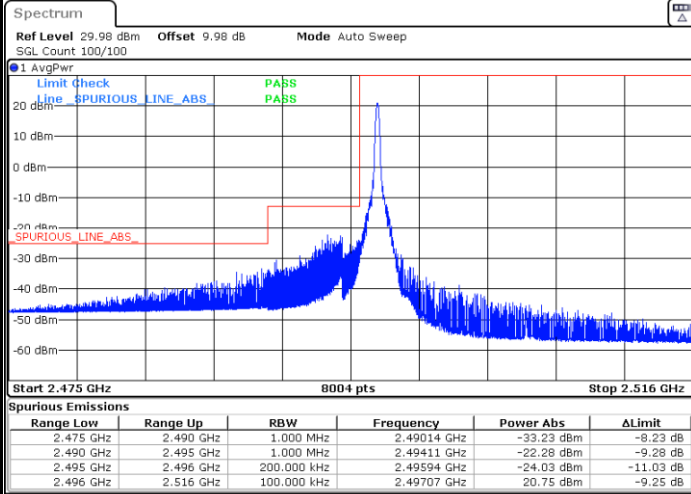
Date: 27.DEC.2024 13:33:27





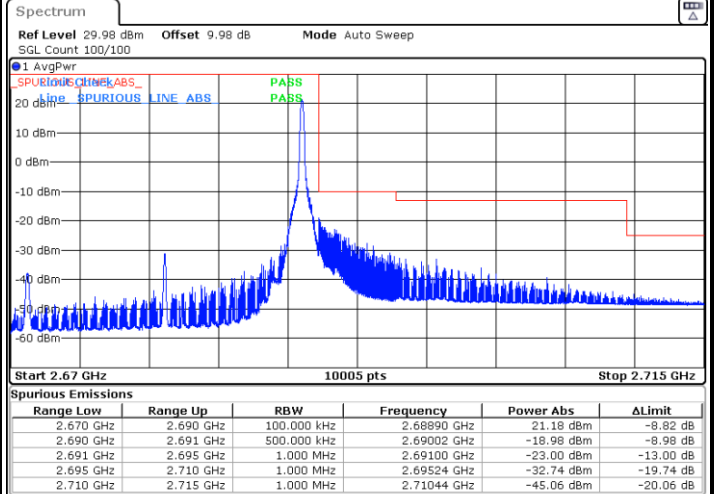
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



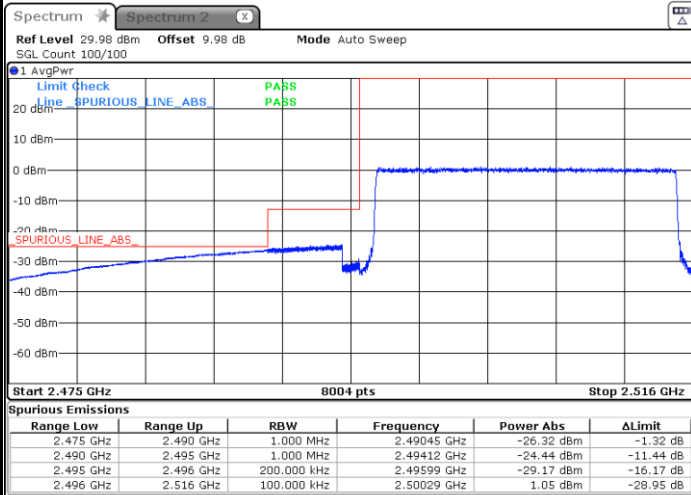
Date: 27.DEC.2024 13:18:41

Highest Band Edge / 1 RB



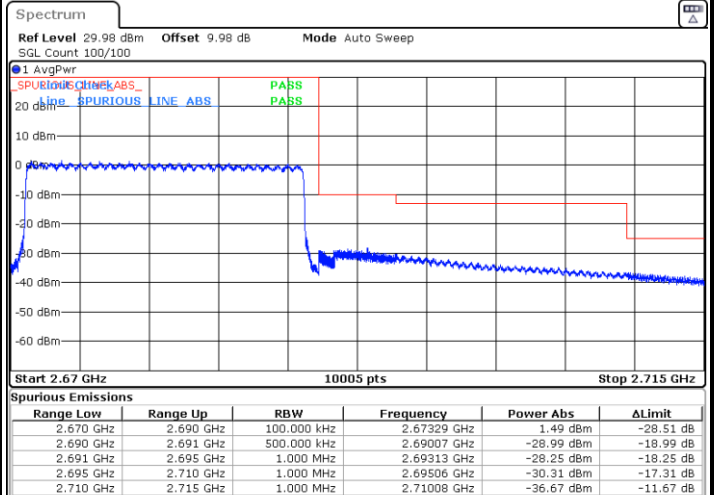
Date: 27.DEC.2024 13:30:06

Lowest Band Edge / Full RB



Date: 27.DEC.2024 14:05:42

Highest Band Edge / Full RB

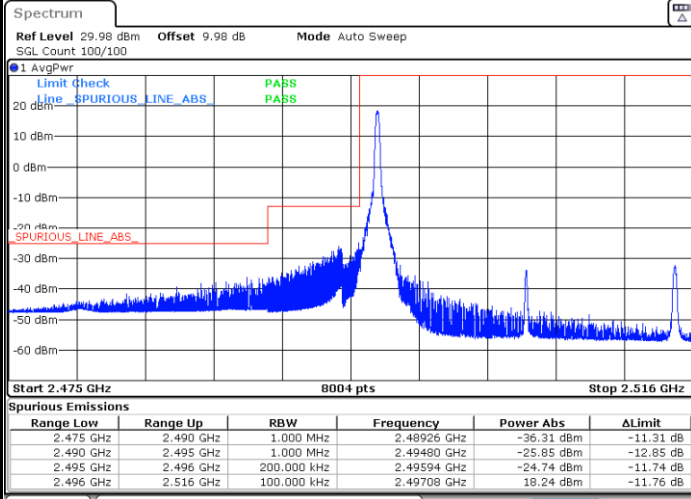


Date: 27.DEC.2024 13:34:33



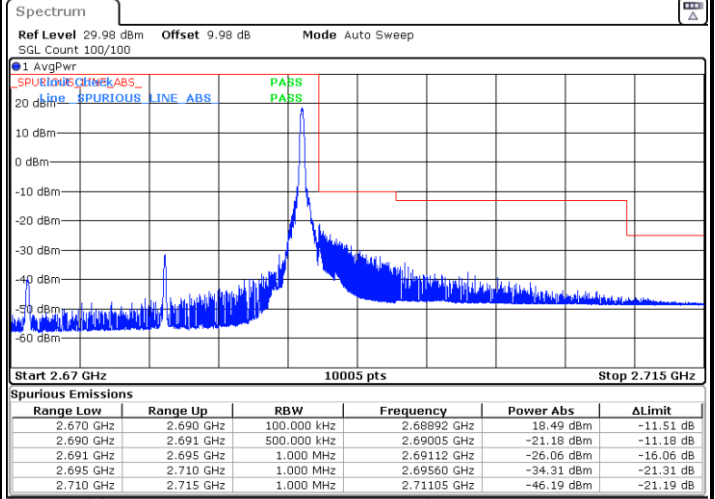
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



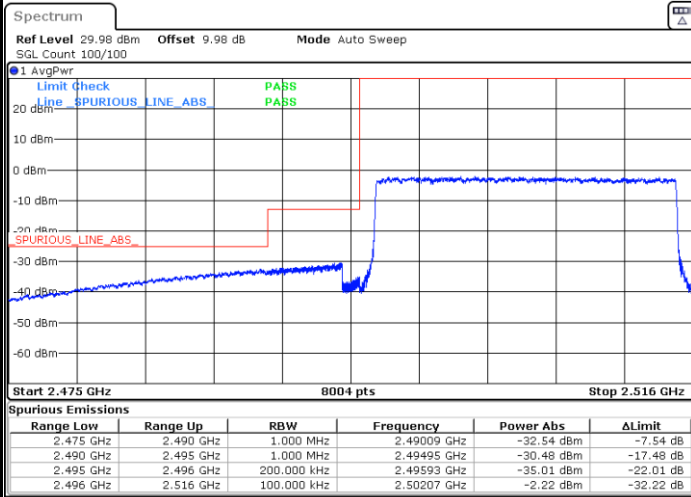
Date: 27.DEC.2024 13:19:48

Highest Band Edge / 1 RB



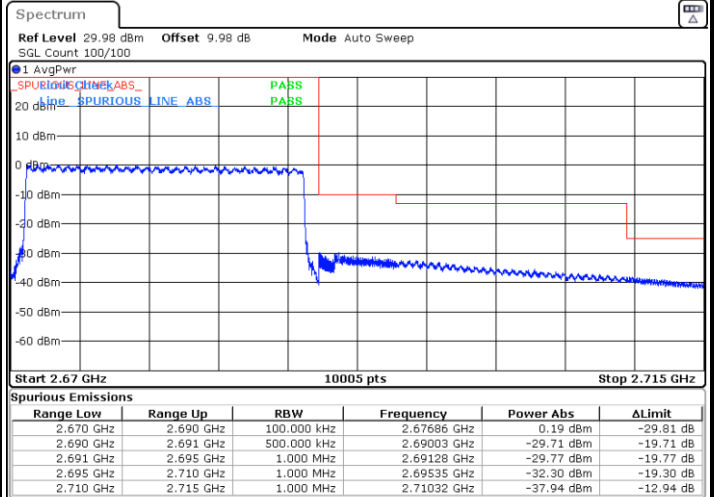
Date: 27.DEC.2024 13:31:13

Lowest Band Edge / Full RB



Date: 27.DEC.2024 13:24:15

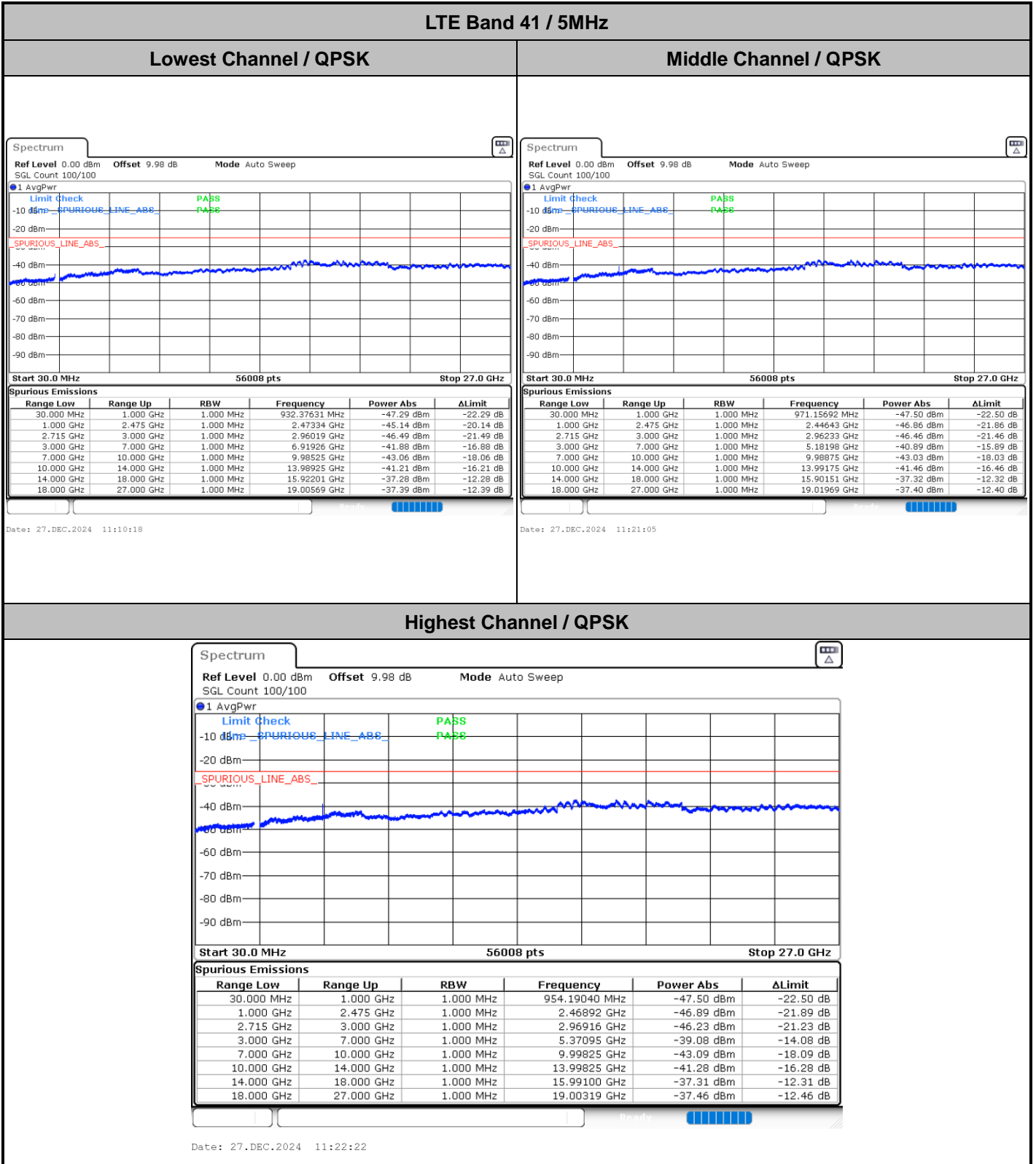
Highest Band Edge / Full RB



Date: 27.DEC.2024 13:35:40



Conducted Spurious Emission

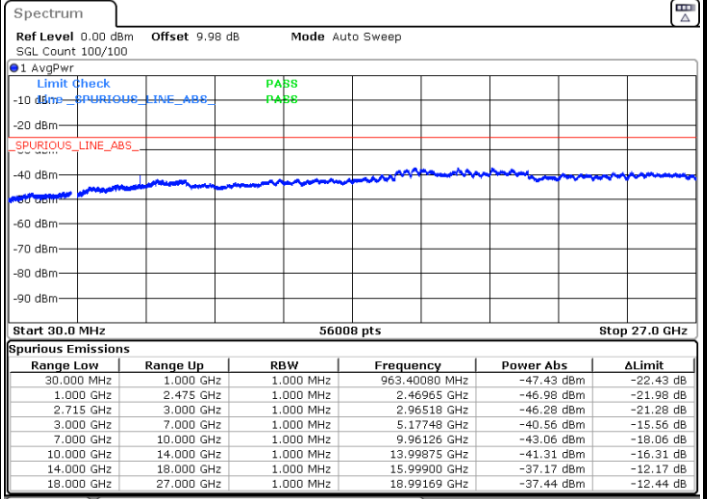
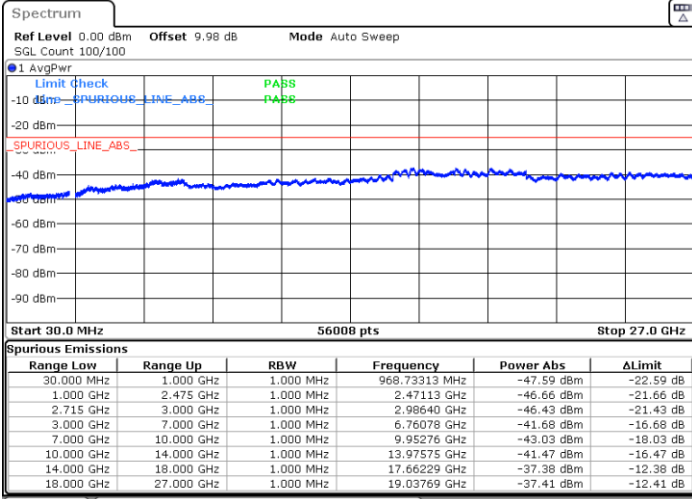




LTE Band 41 / 10MHz

Lowest Channel / QPSK

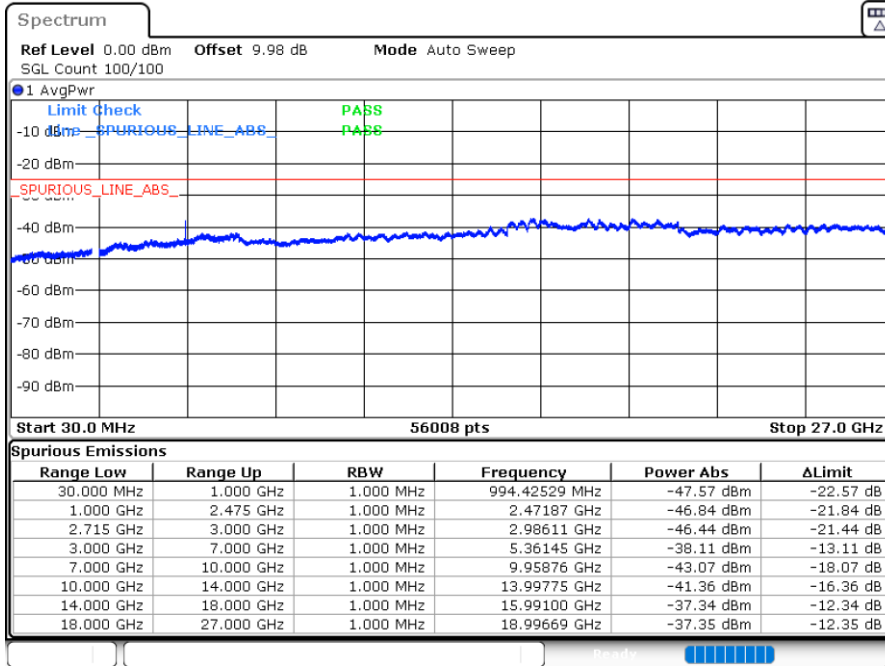
Middle Channel / QPSK



Date: 27.DEC.2024 11:40:13

Date: 27.DEC.2024 11:50:12

Highest Channel / QPSK



Date: 27.DEC.2024 11:51:28