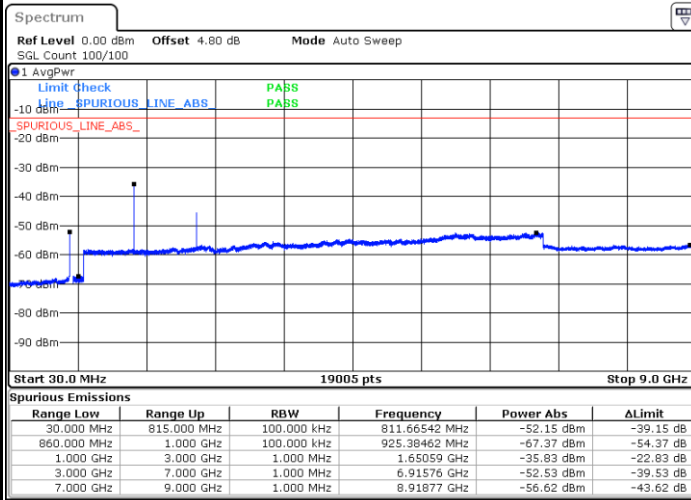




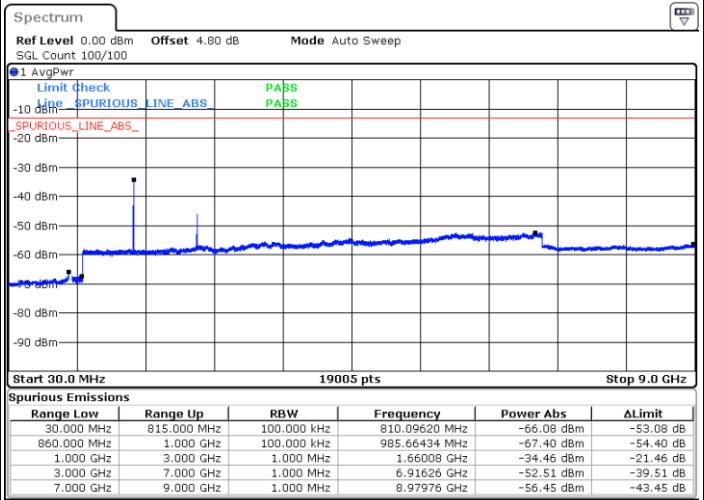
LTE Band 26 / 15MHz

Lowest Channel / QPSK



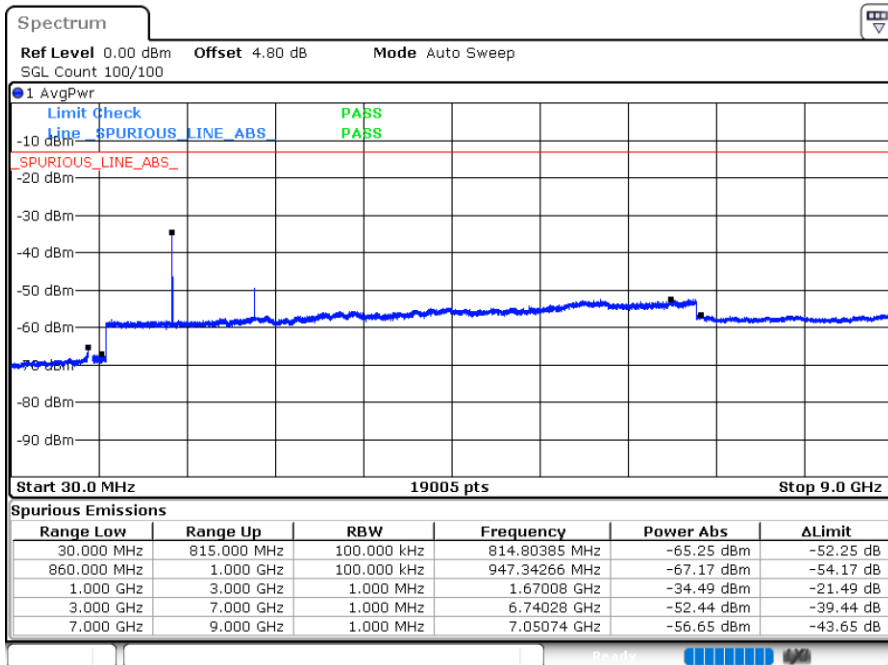
Date: 24.DEC.2021 01:51:13

Middle Channel / QPSK



Date: 24.DEC.2021 02:00:44

Highest Channel / QPSK

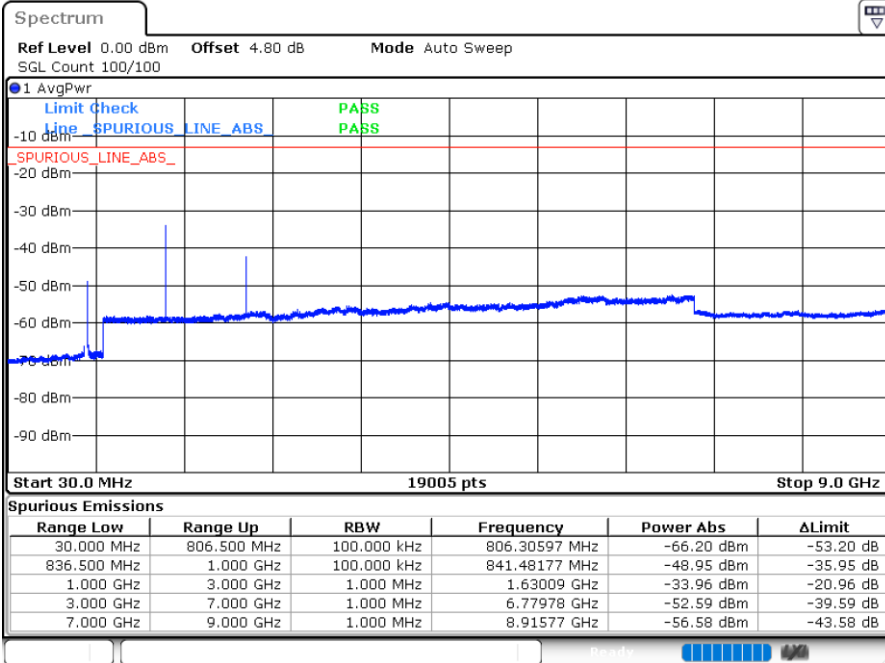


Date: 24.DEC.2021 02:02:07



LTE Band 26 / 15MHz

Channel 26765 / QPSK



Date: 24.DEC.2021 04:43:07



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0011	

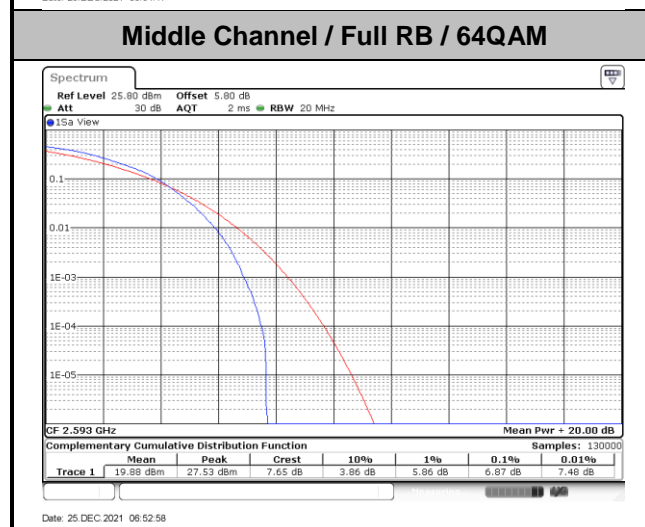
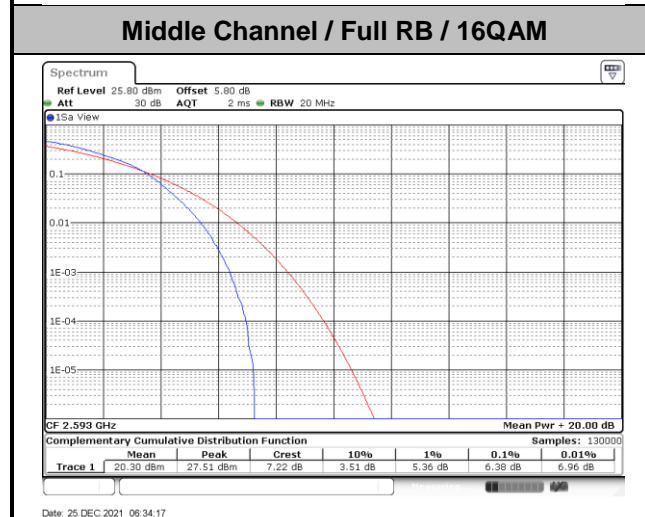
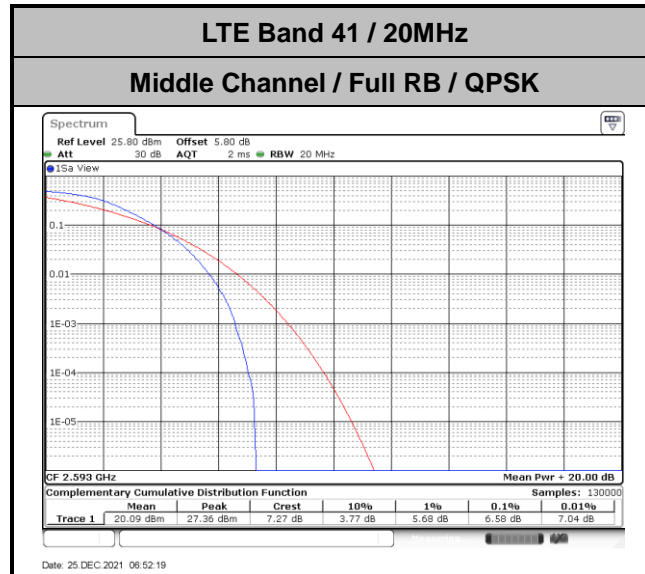
Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2 V.



## LTE Band 41

### Peak-to-Average Ratio

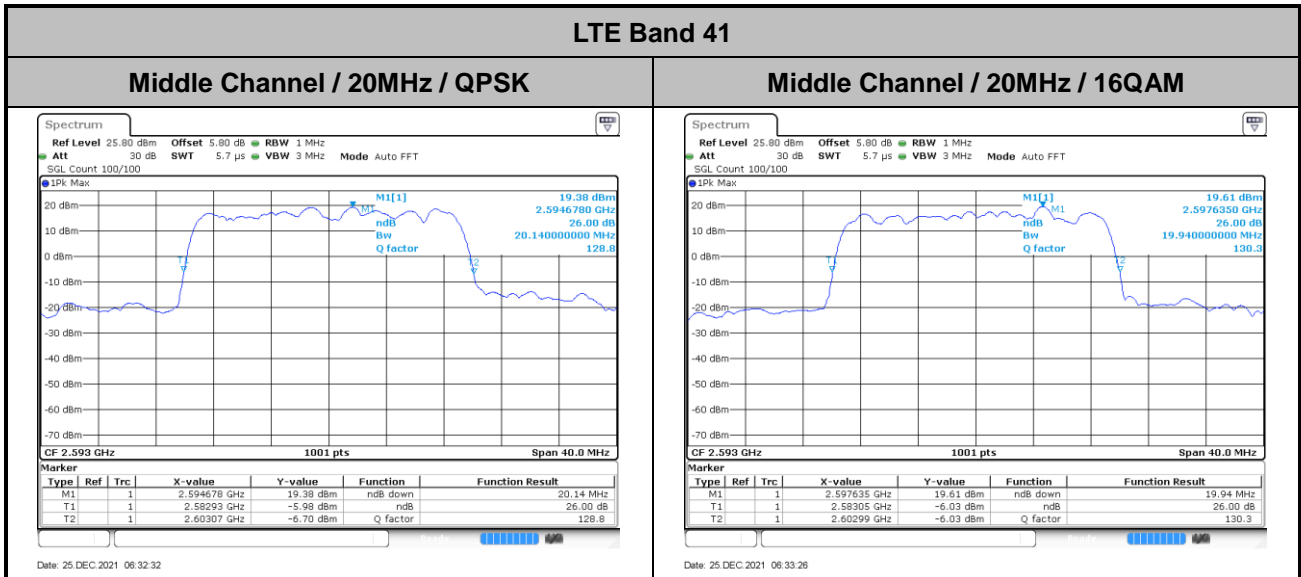
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.58	6.38	6.87	<b>PASS</b>





## 26dB Bandwidth

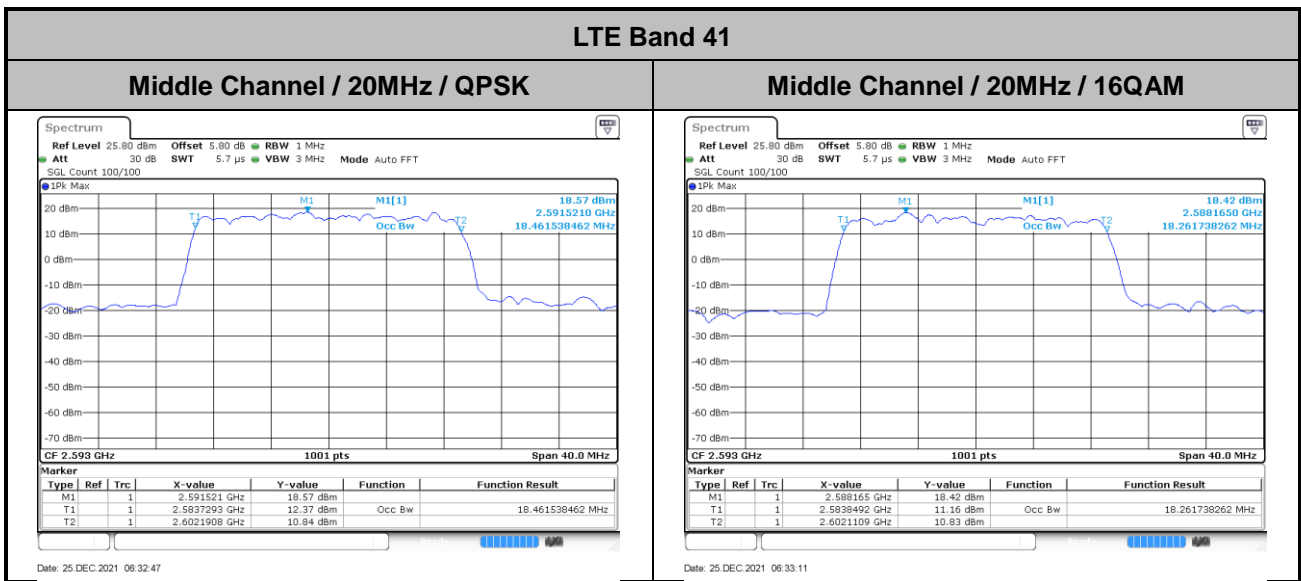
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.14	19.94





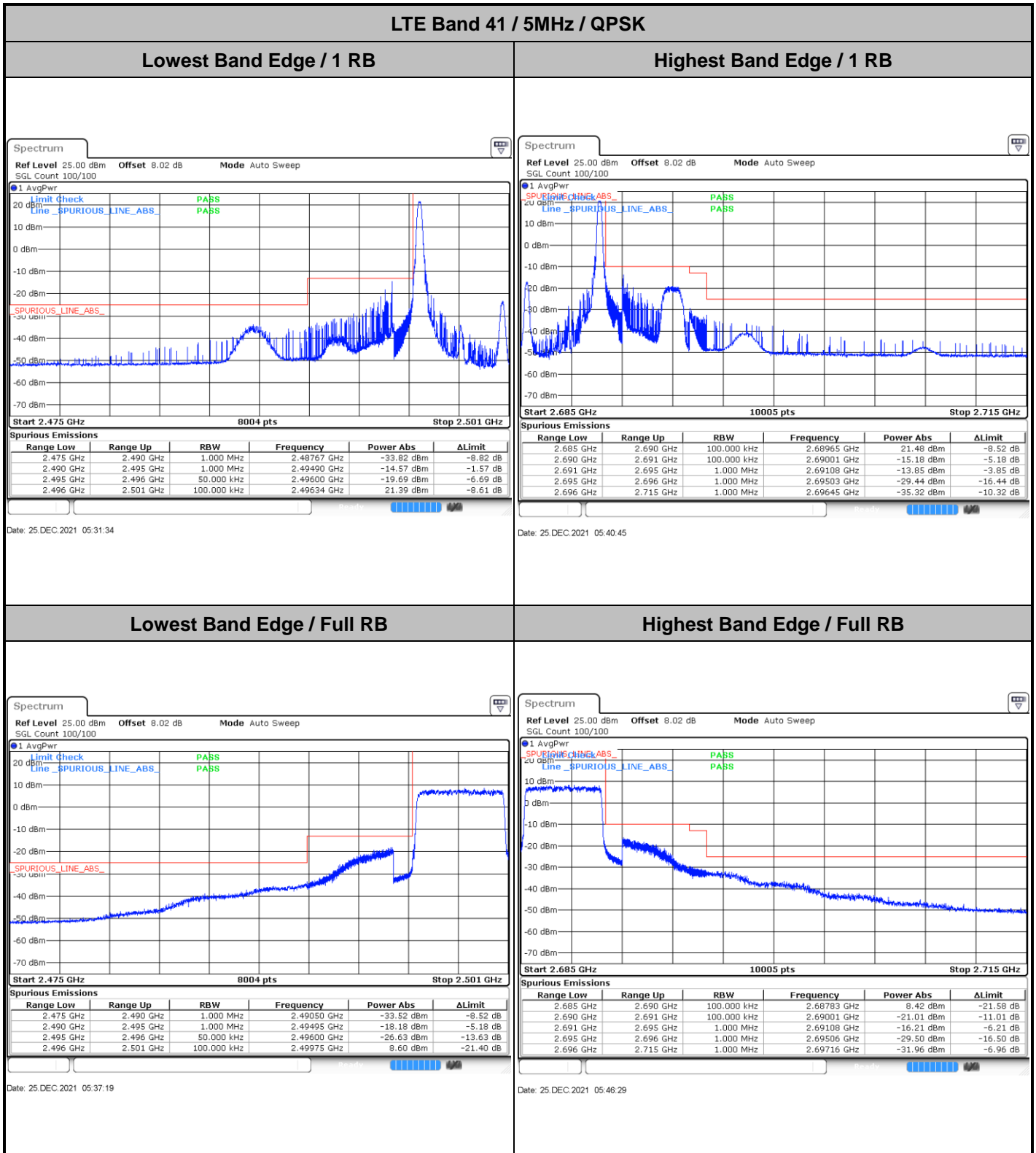
# Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.46	18.26





# Conducted Band Edge

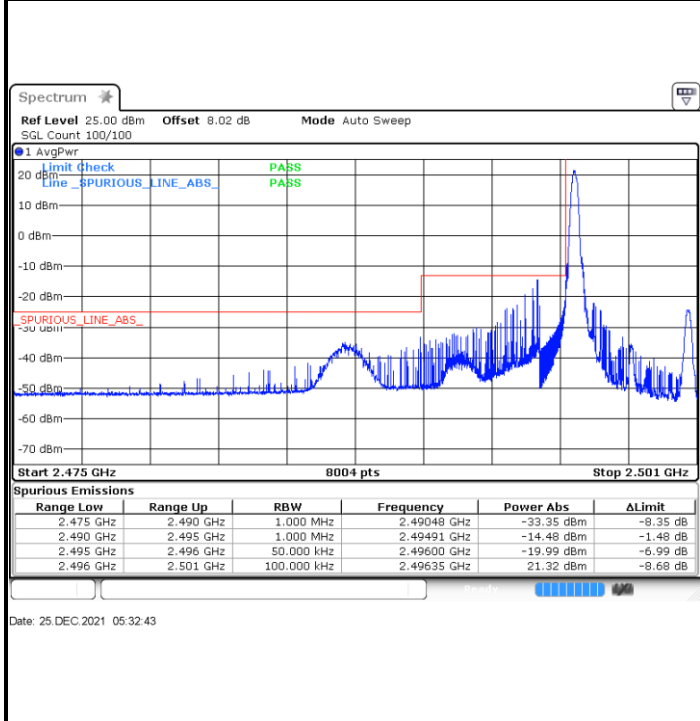




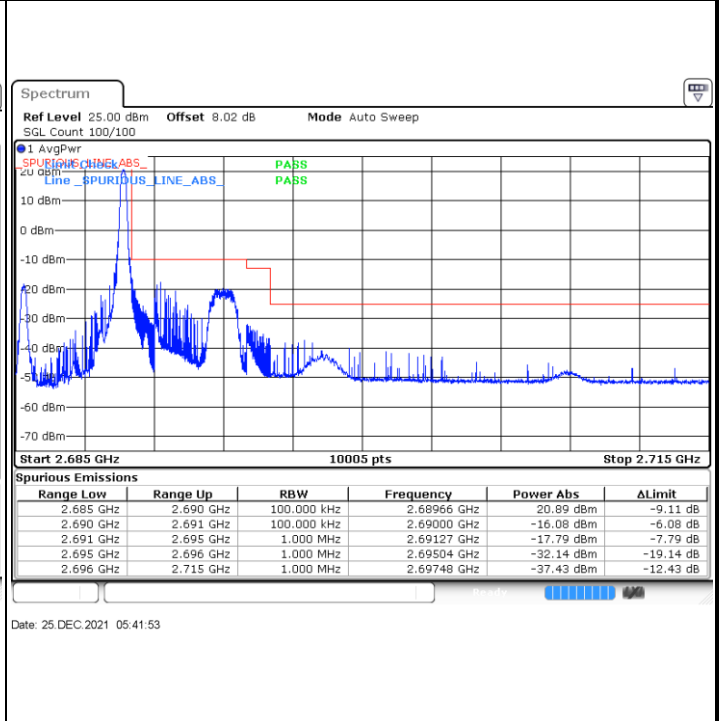


**LTE Band 41 / 5MHz / 16QAM**

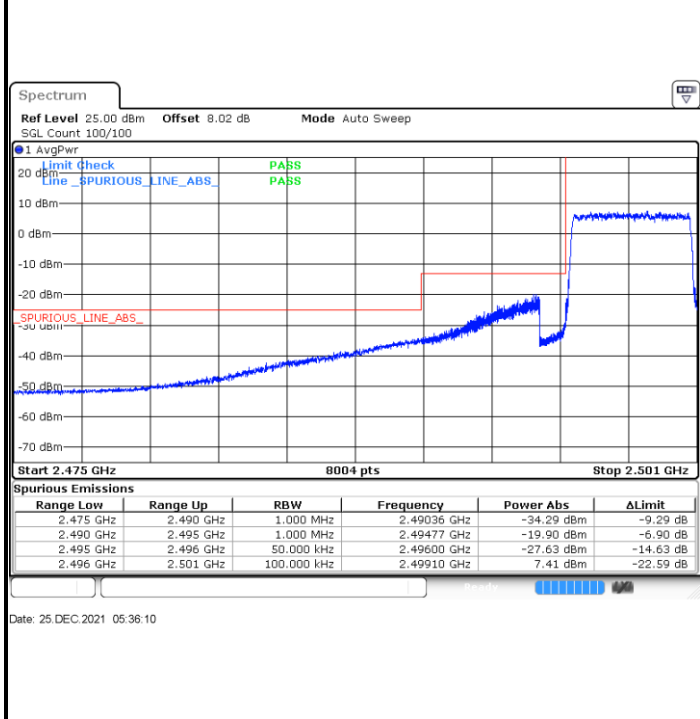
**Lowest Band Edge / 1RB**



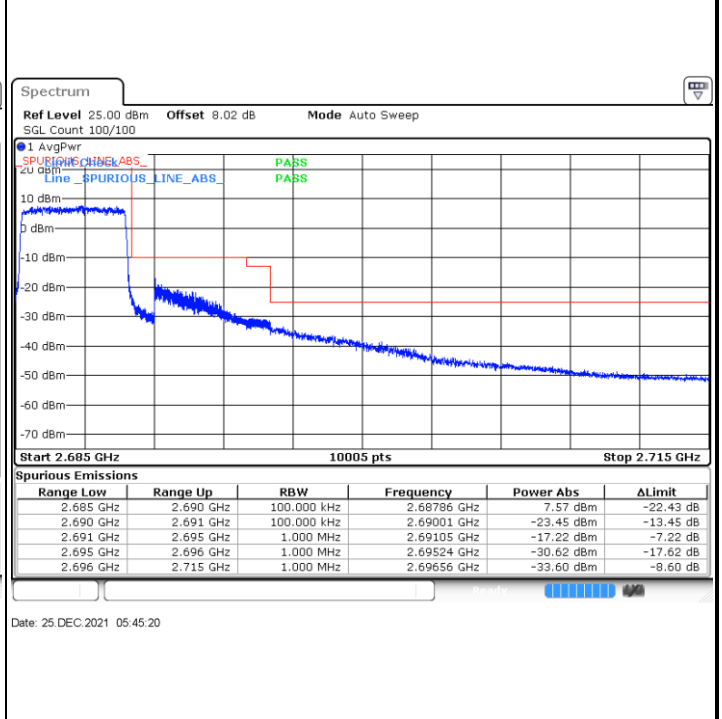
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



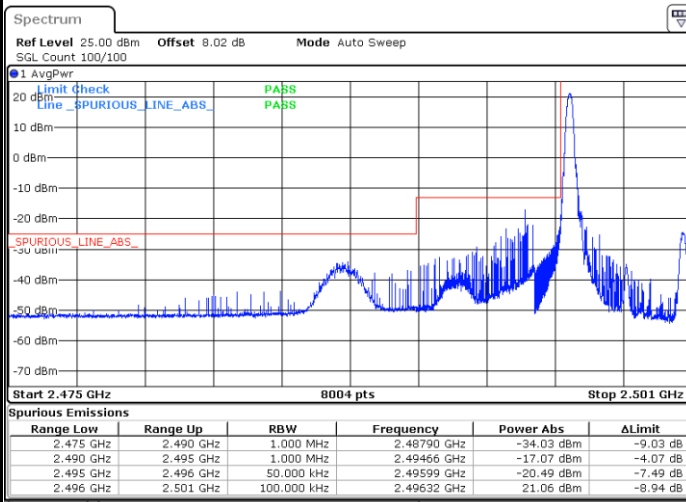
**Highest Band Edge / Full RB**





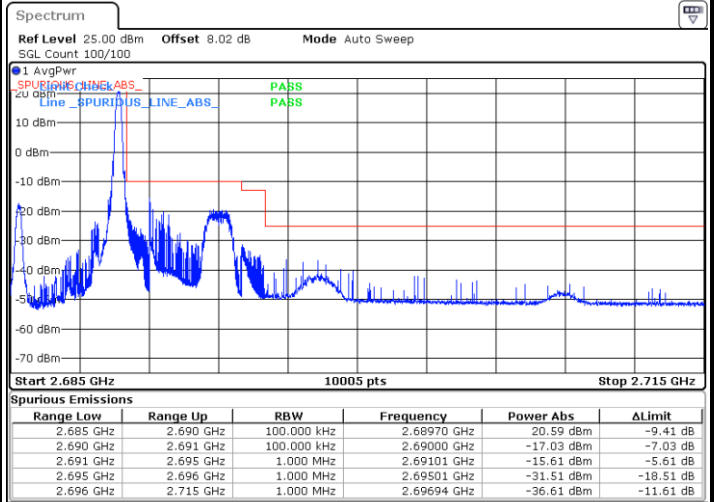
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



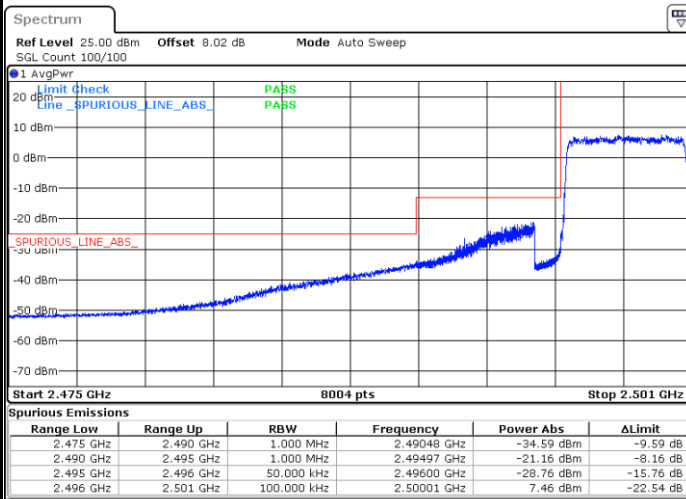
Date: 25 DEC 2021 05:33:52

Highest Band Edge / 1 RB



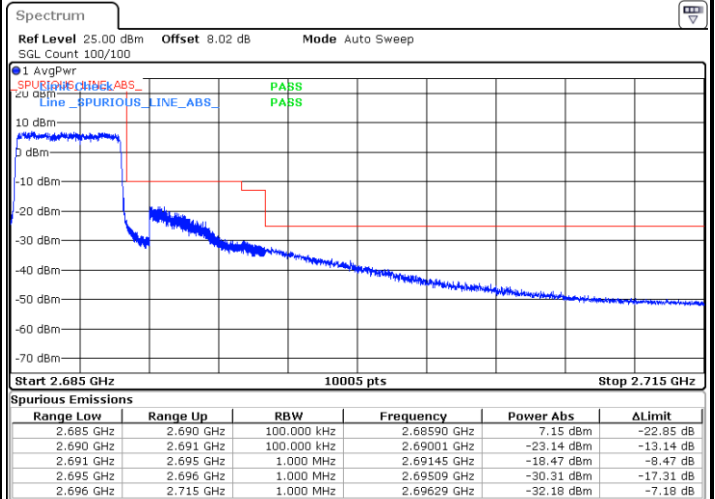
Date: 25 DEC 2021 05:43:02

Lowest Band Edge / Full RB



Date: 25 DEC 2021 05:35:01

Highest Band Edge / Full RB

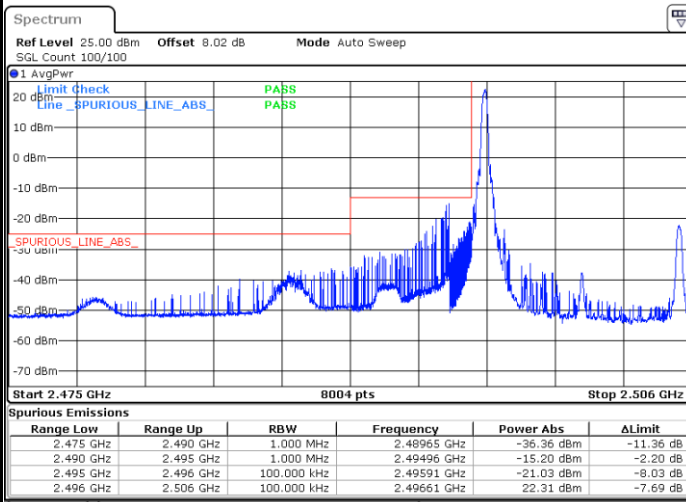


Date: 25 DEC 2021 05:44:11



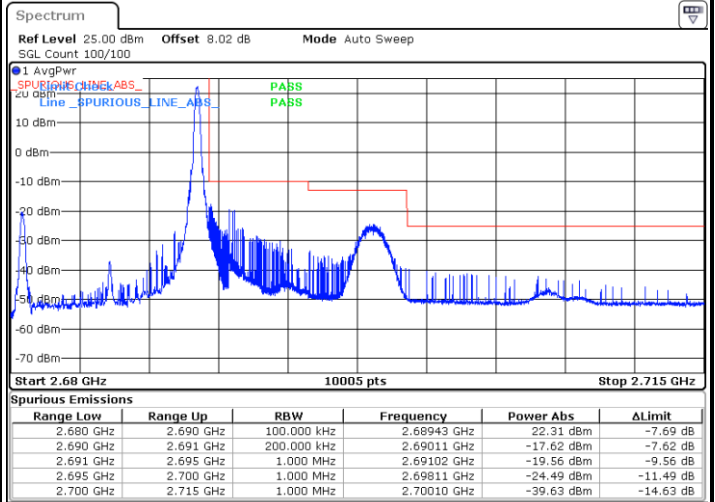
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



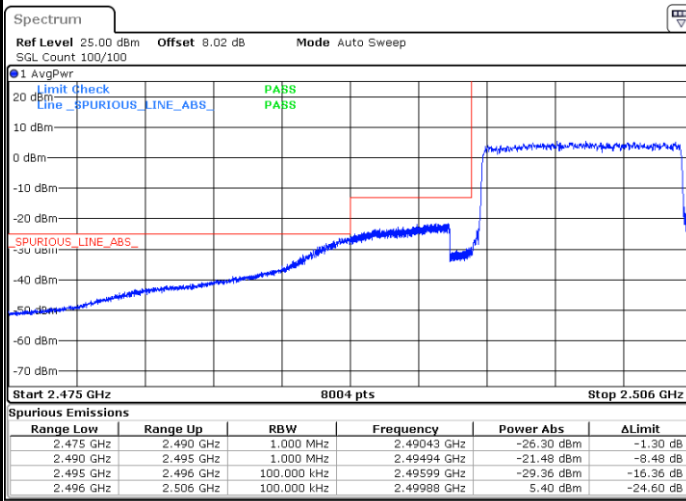
Date: 25 DEC 2021 05:48:54

Highest Band Edge / 1 RB



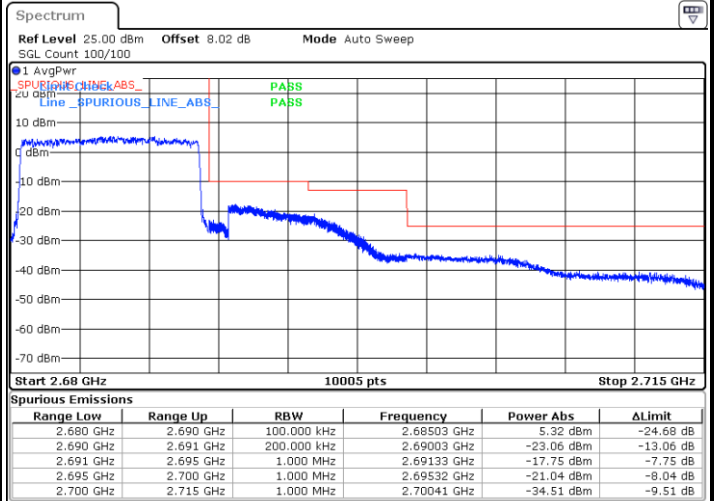
Date: 25 DEC 2021 05:57:05

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:37:36

Highest Band Edge / Full RB

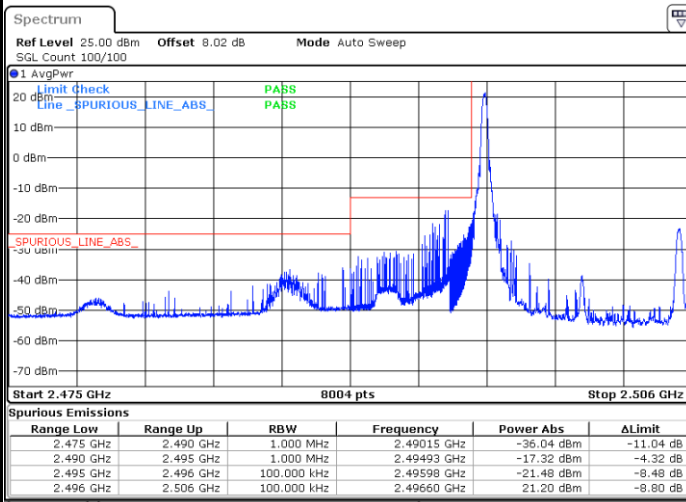


Date: 25 DEC 2021 06:02:00



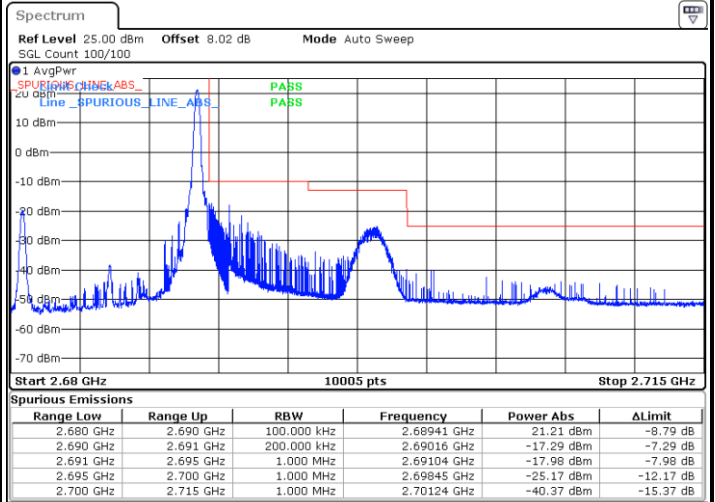
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



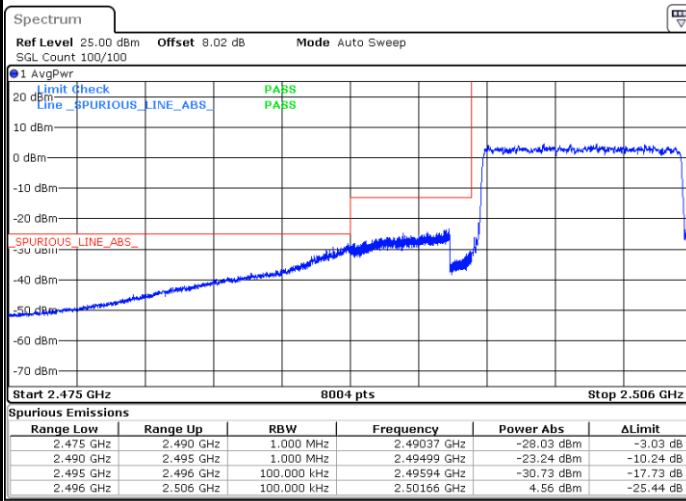
Date: 25 DEC 2021 05:49:53

Highest Band Edge / 1 RB



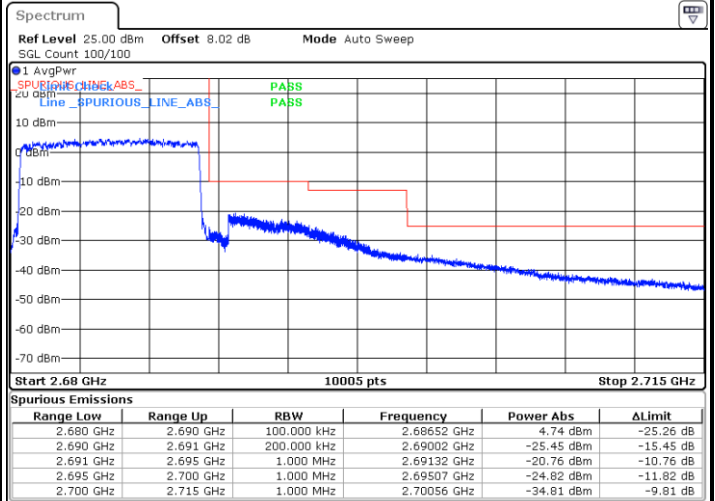
Date: 25 DEC 2021 05:58:04

Lowest Band Edge / Full RB



Date: 25 DEC 2021 05:52:51

Highest Band Edge / Full RB

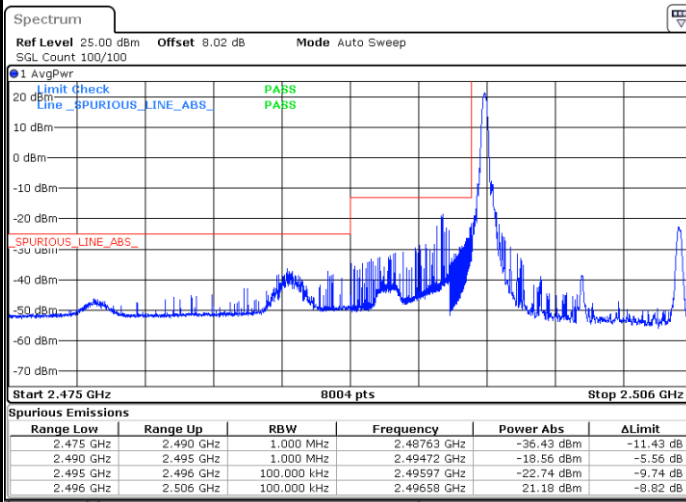


Date: 25 DEC 2021 06:01:01



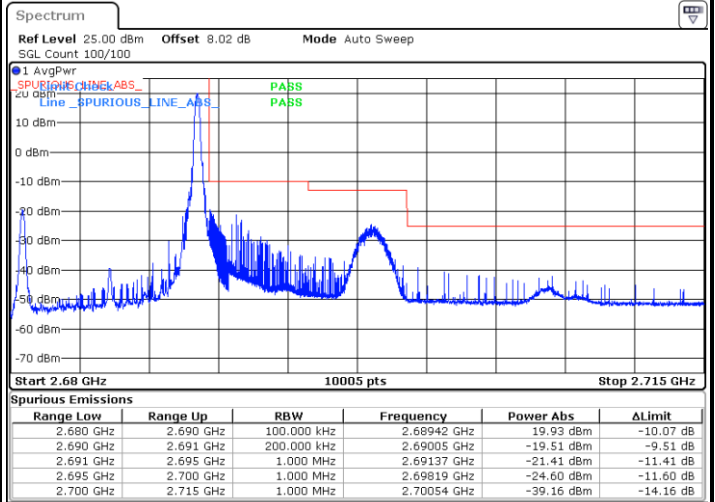
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



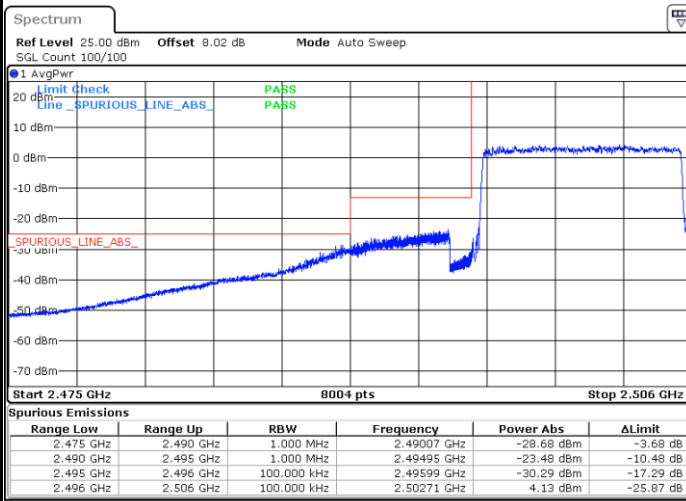
Date: 25 DEC 2021 05:50:52

Highest Band Edge / 1 RB



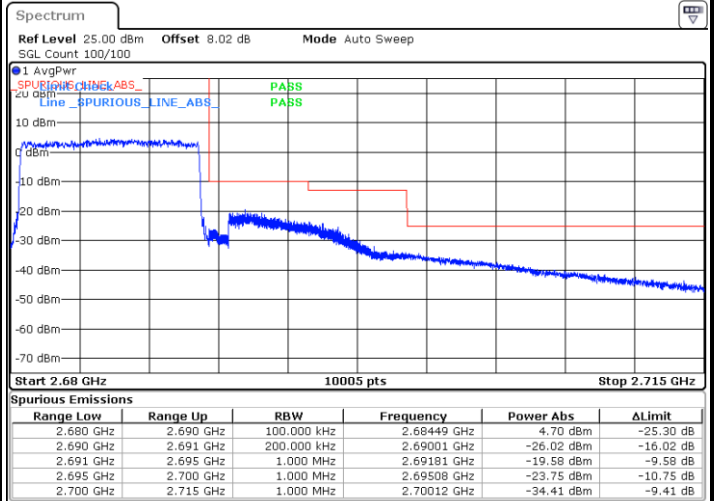
Date: 25 DEC 2021 05:59:03

Lowest Band Edge / Full RB



Date: 25 DEC 2021 05:51:52

Highest Band Edge / Full RB

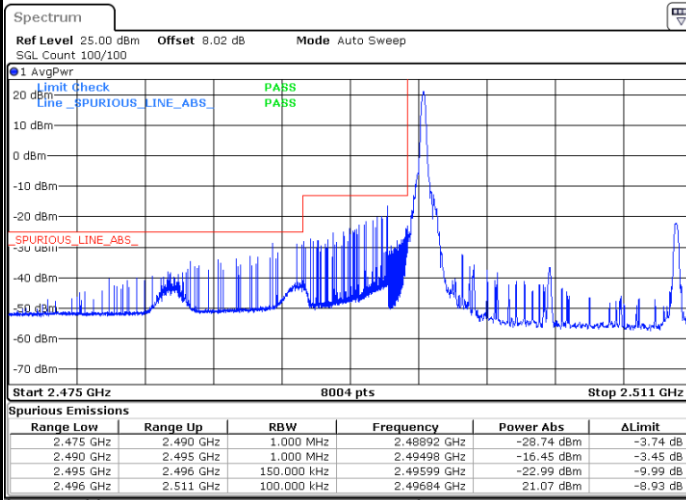


Date: 25 DEC 2021 06:00:02



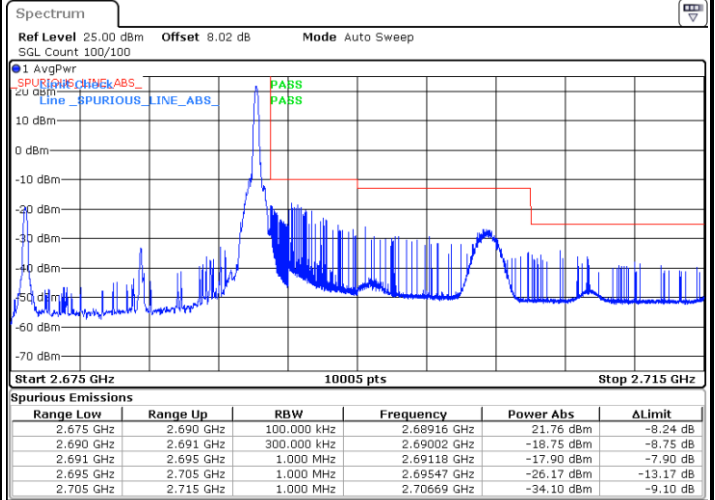
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



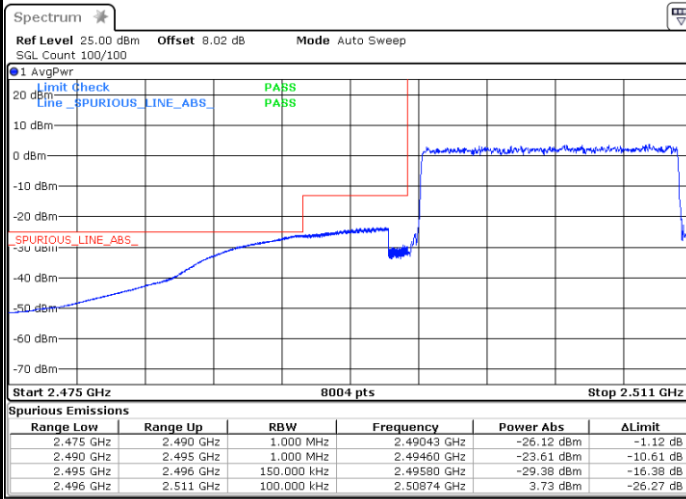
Date: 25 DEC 2021 06:03:58

Highest Band Edge / 1 RB



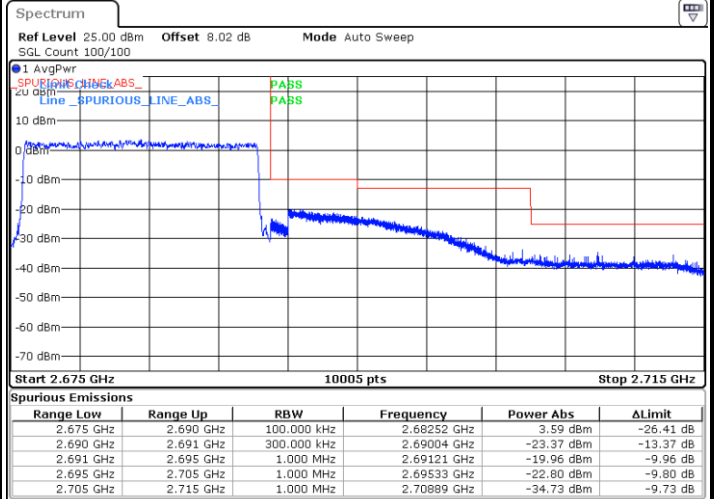
Date: 25 DEC 2021 06:12:10

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:48:06

Highest Band Edge / Full RB

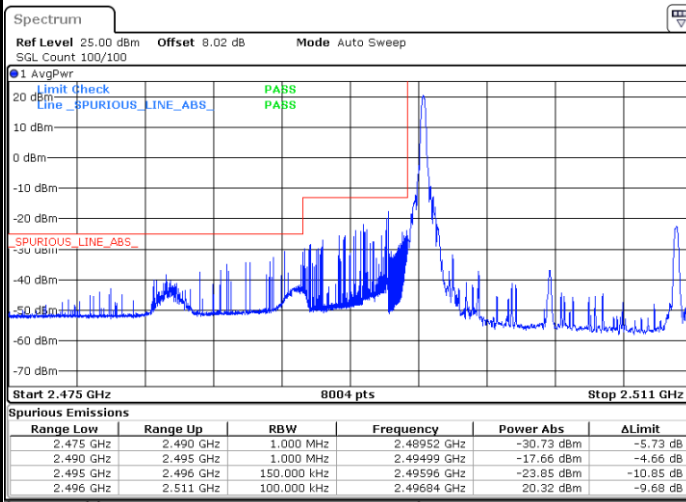


Date: 25 DEC 2021 06:17:04



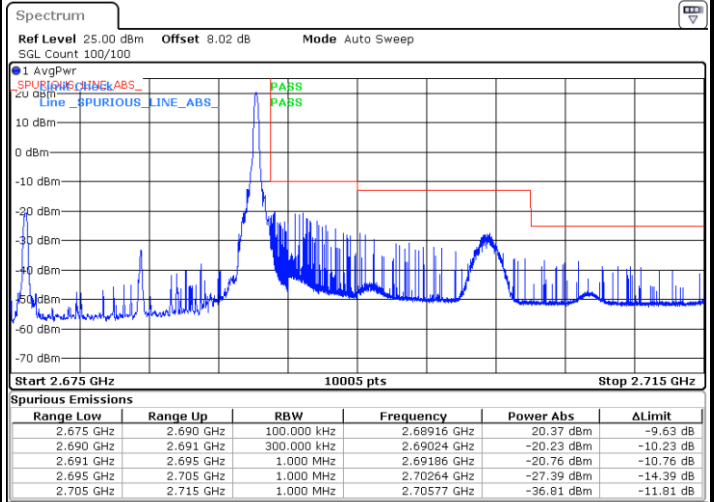
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



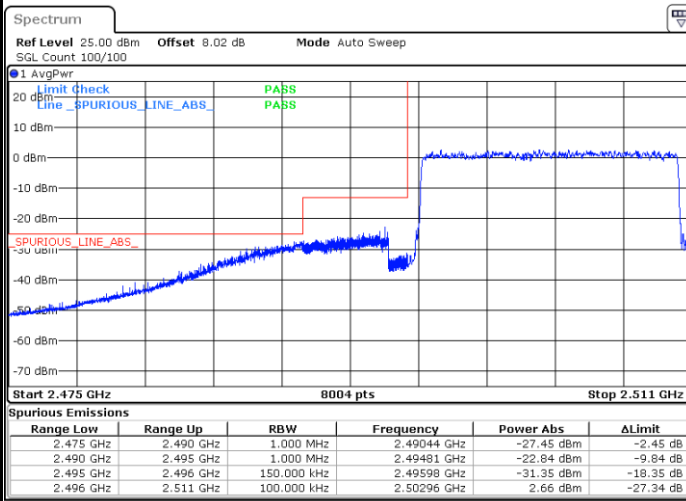
Date: 25 DEC 2021 06:04:58

Highest Band Edge / 1 RB



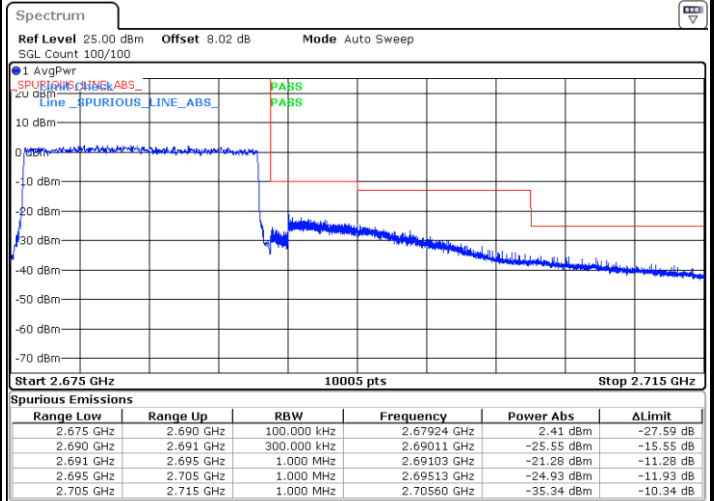
Date: 25 DEC 2021 06:13:09

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:07:55

Highest Band Edge / Full RB



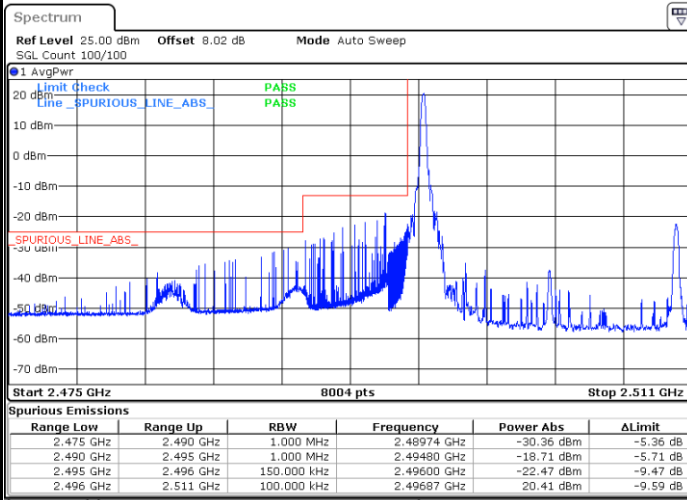
Date: 25 DEC 2021 06:16:05





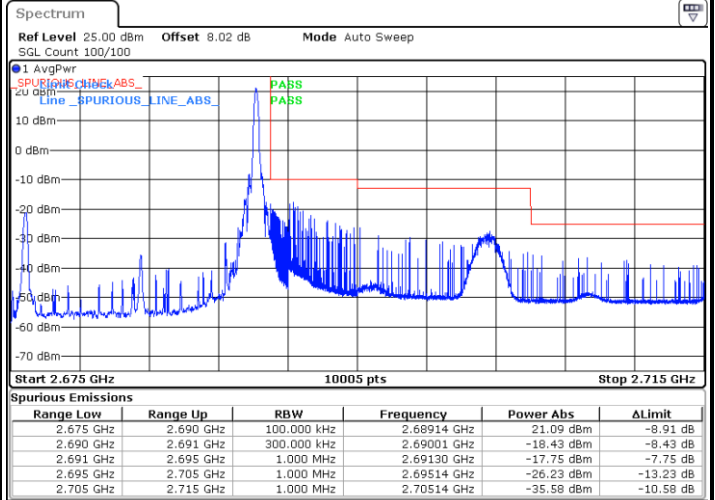
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



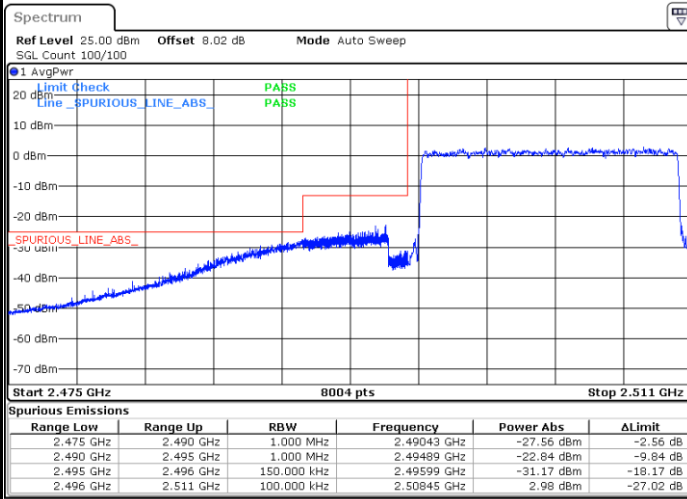
Date: 25 DEC 2021 06:05:57

Highest Band Edge / 1 RB



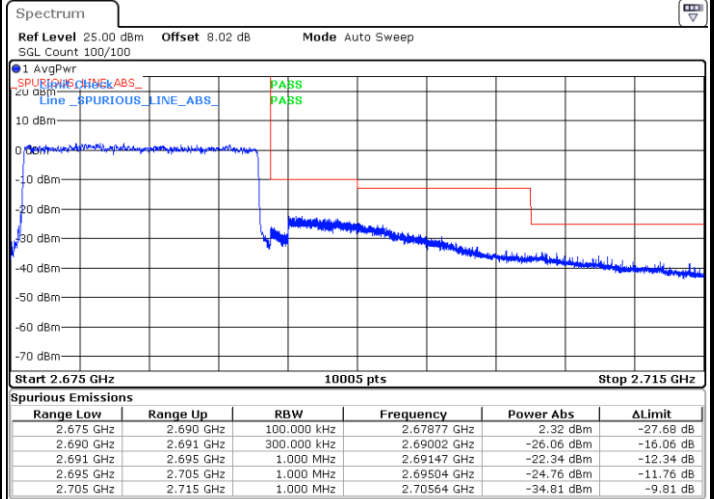
Date: 25 DEC 2021 06:14:08

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:06:56

Highest Band Edge / Full RB



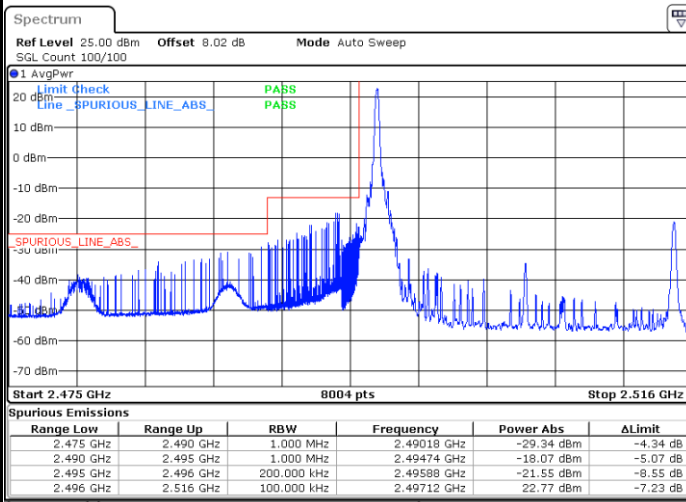
Date: 25 DEC 2021 06:15:07





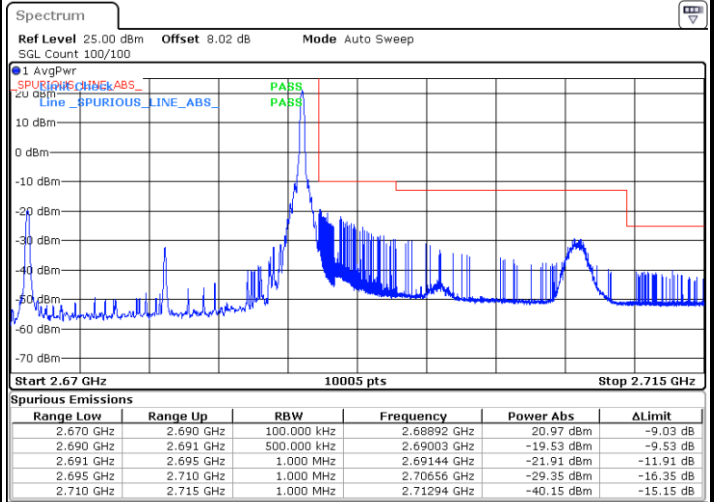
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



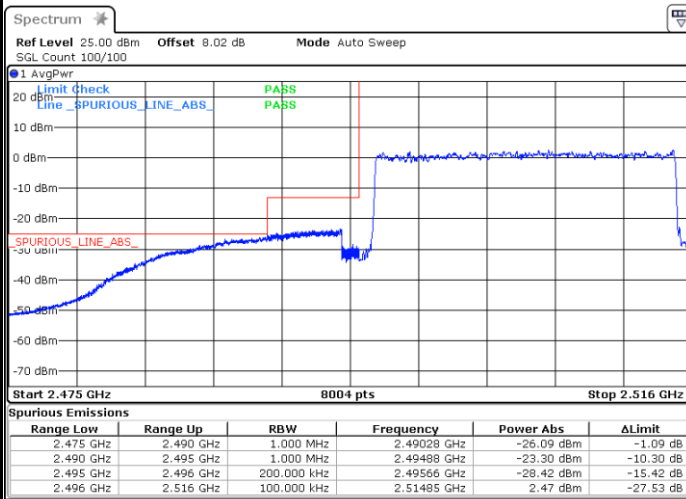
Date: 25 DEC 2021 06:19:03

Highest Band Edge / 1 RB



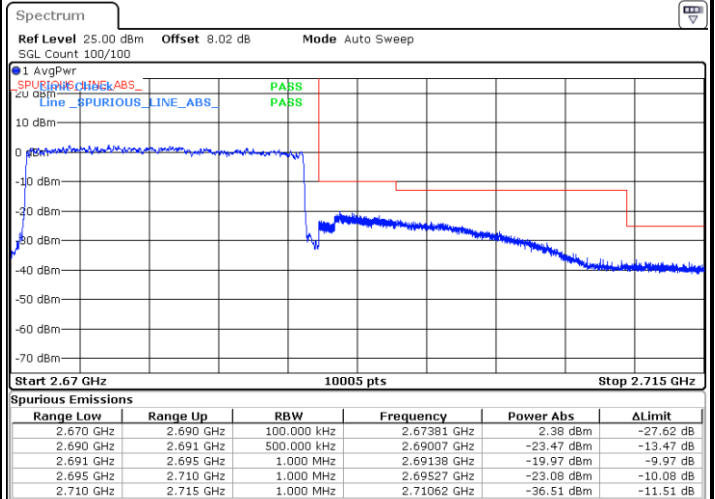
Date: 25 DEC 2021 06:27:14

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:51:26

Highest Band Edge / Full RB

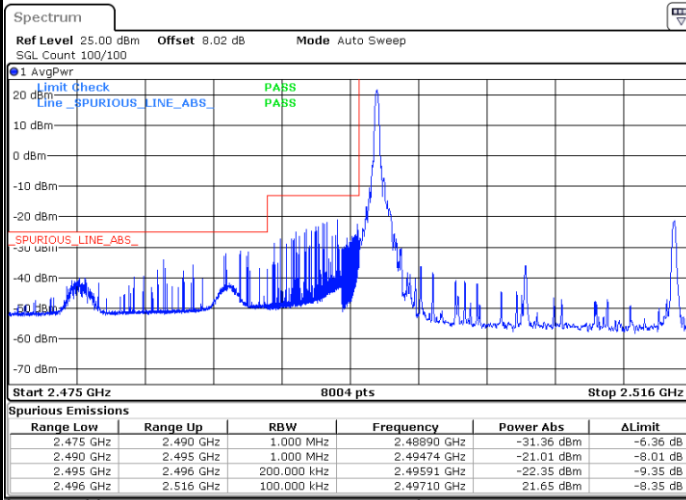


Date: 25 DEC 2021 06:32:07



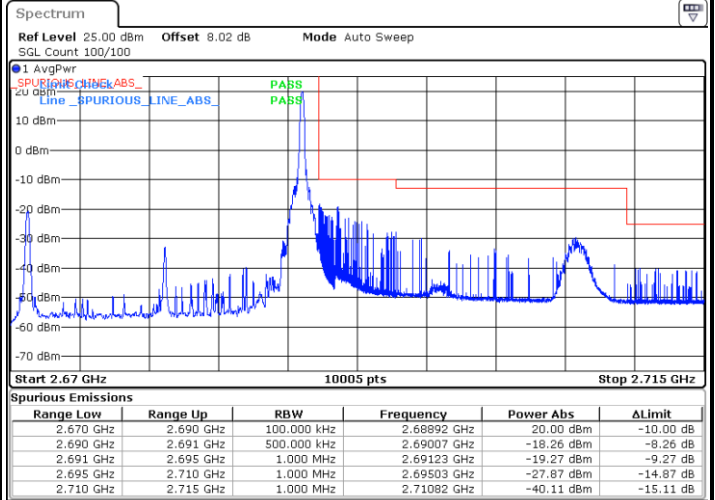
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



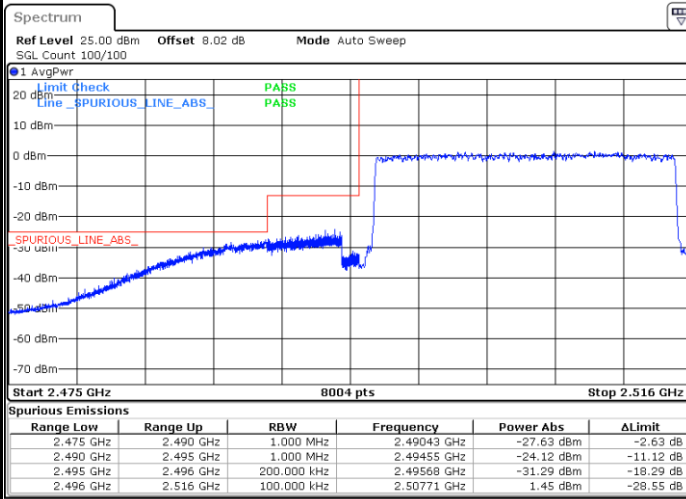
Date: 25 DEC 2021 06:20:02

Highest Band Edge / 1 RB



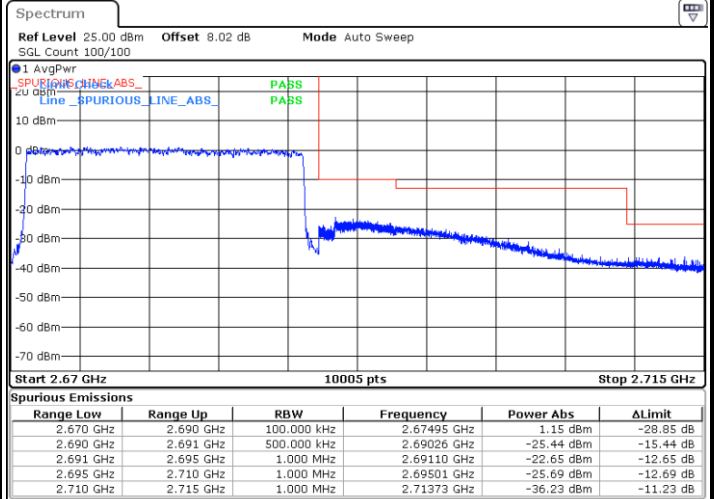
Date: 25 DEC 2021 06:28:12

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:22:59

Highest Band Edge / Full RB

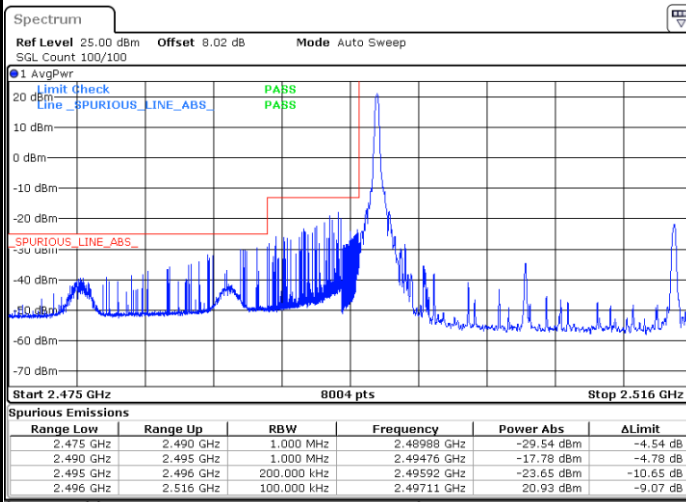


Date: 25 DEC 2021 06:31:09



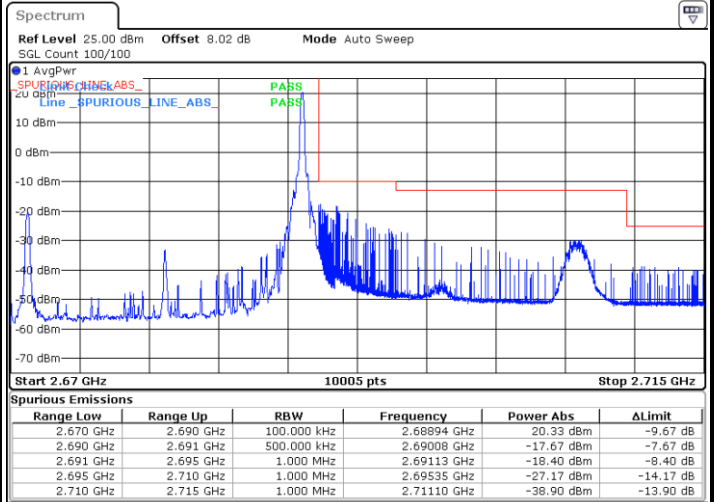
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



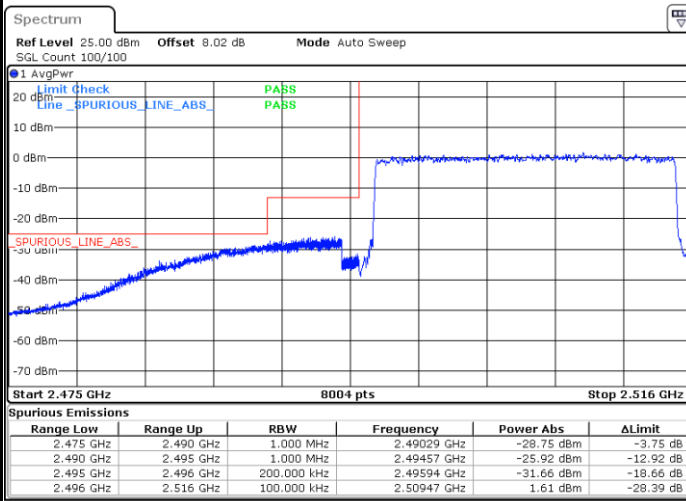
Date: 25 DEC 2021 06:21:01

Highest Band Edge / 1 RB



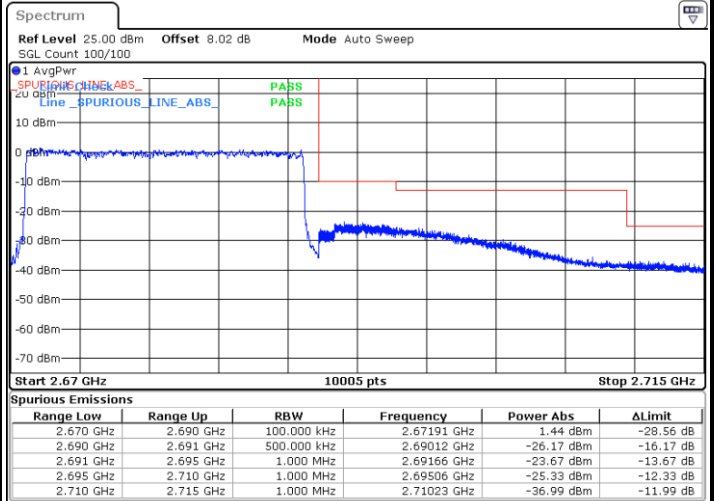
Date: 25 DEC 2021 06:29:11

Lowest Band Edge / Full RB



Date: 25 DEC 2021 06:22:00

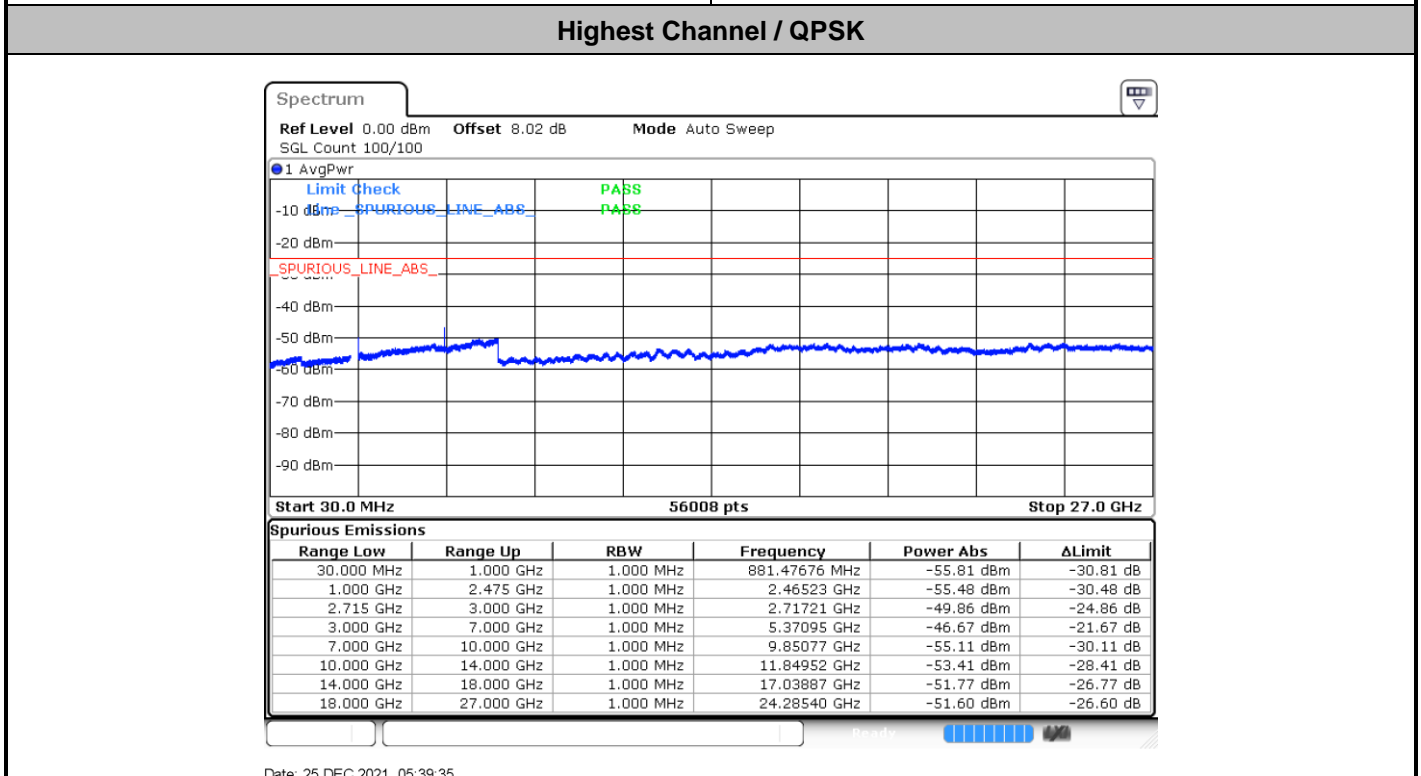
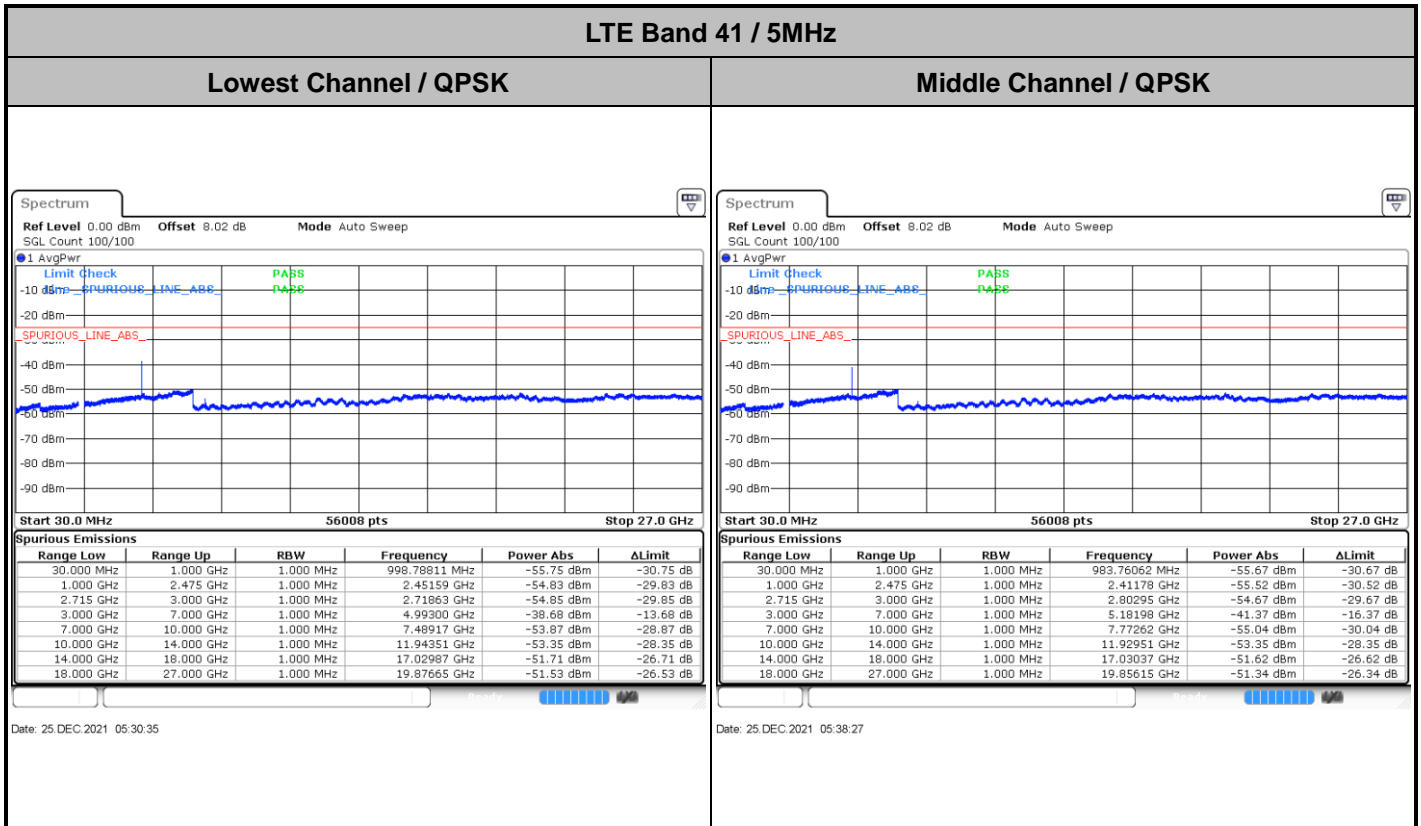
Highest Band Edge / Full RB



Date: 25 DEC 2021 06:30:10



# Conducted Spurious Emission

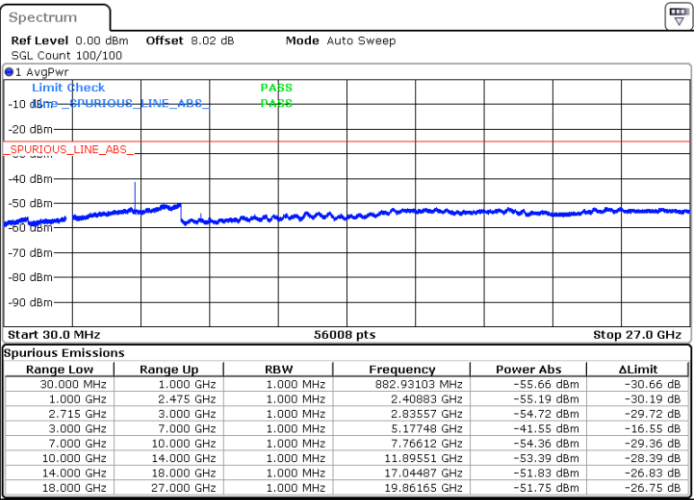
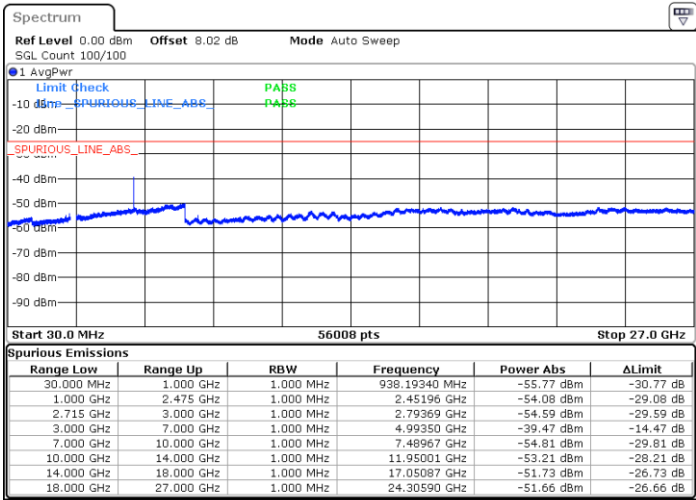




LTE Band 41 / 10MHz

Lowest Channel / QPSK

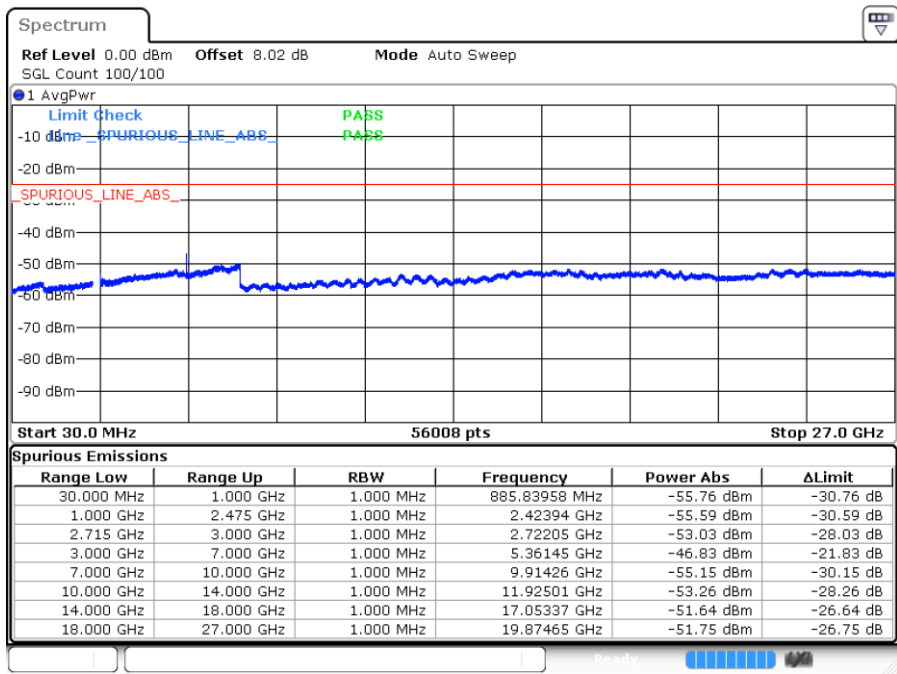
Middle Channel / QPSK



Date: 25 DEC 2021 05:47:38

Date: 25 DEC 2021 05:54:58

Highest Channel / QPSK



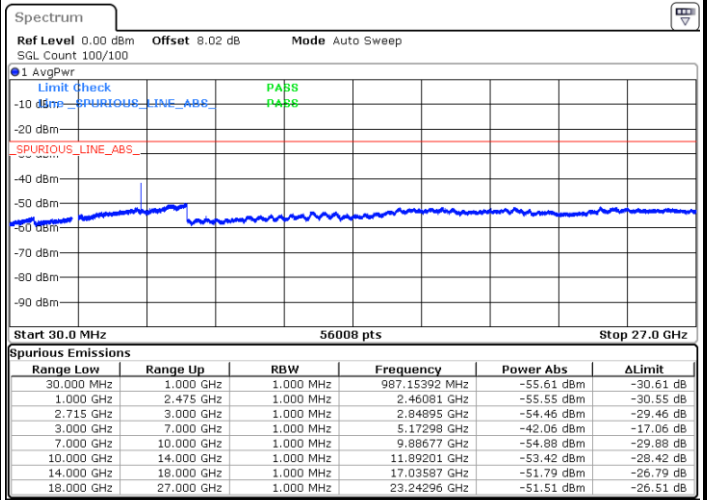
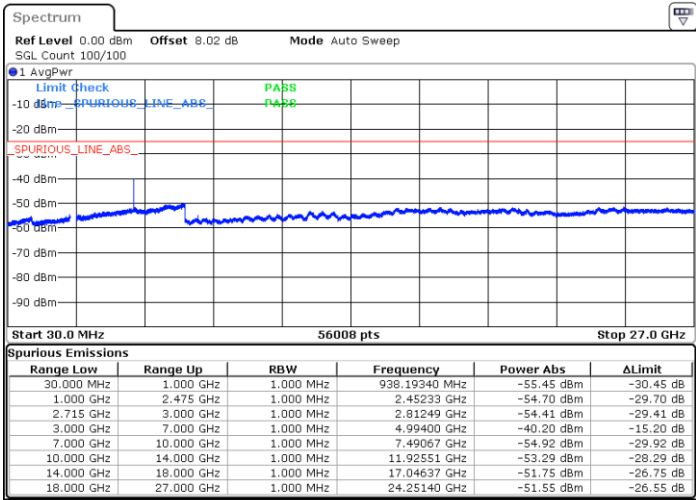
Date: 25 DEC 2021 05:56:06



LTE Band 41 / 15MHz

Lowest Channel / QPSK

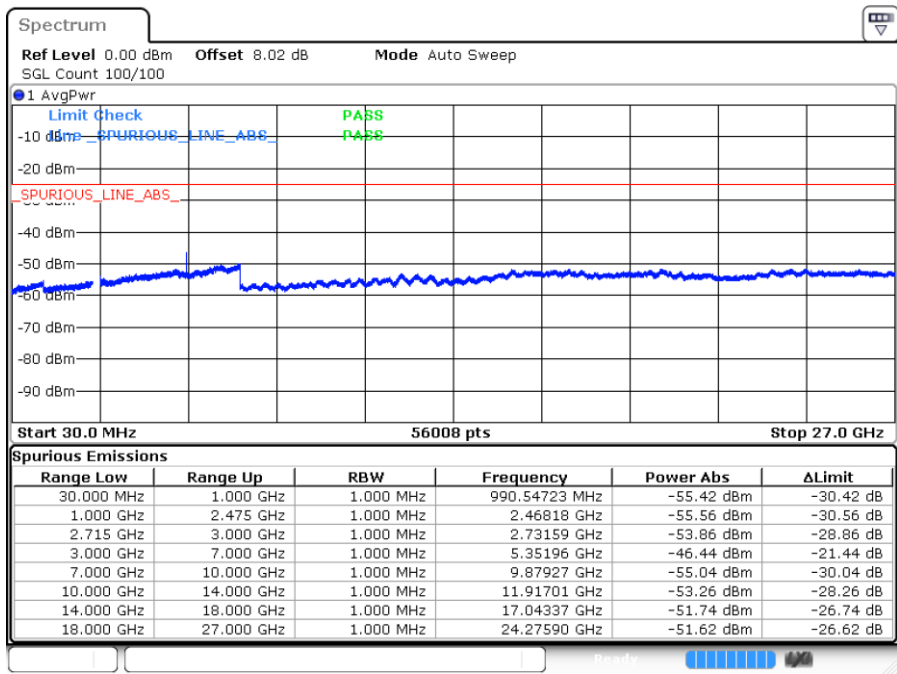
Middle Channel / QPSK



Date: 25 DEC 2021 06:03:09

Date: 25 DEC 2021 06:10:03

Highest Channel / QPSK



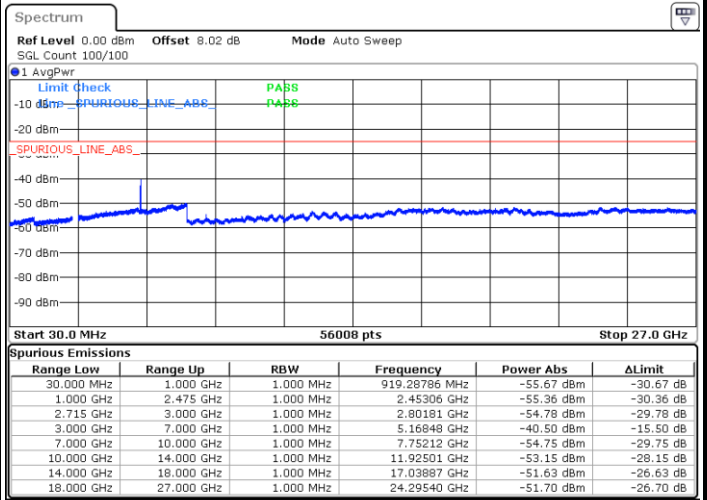
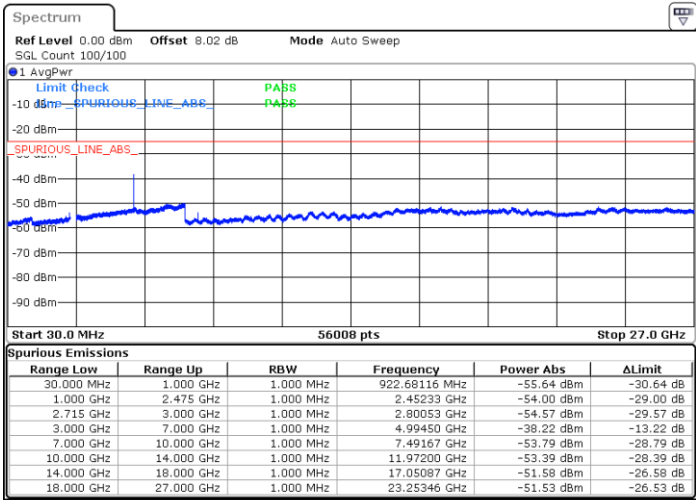
Date: 25 DEC 2021 06:11:11



LTE Band 41 / 20MHz

Lowest Channel / QPSK

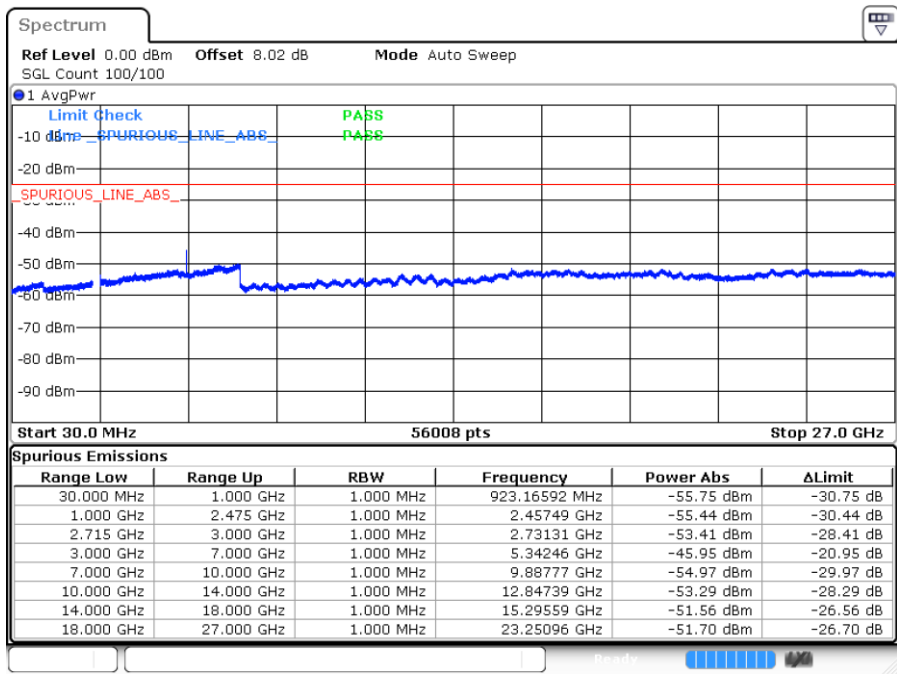
Middle Channel / QPSK



Date: 25 DEC 2021 06:18:13

Date: 25 DEC 2021 06:25:07

Highest Channel / QPSK



Date: 25 DEC 2021 06:26:15



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





## LTE Band 66

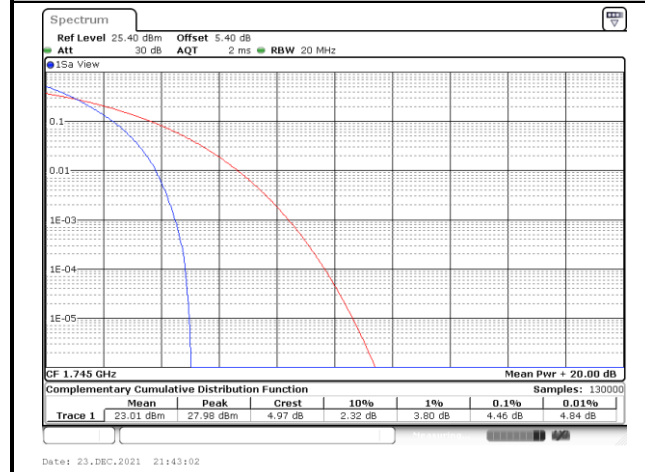
### Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.46	5.36	5.83	<b>PASS</b>

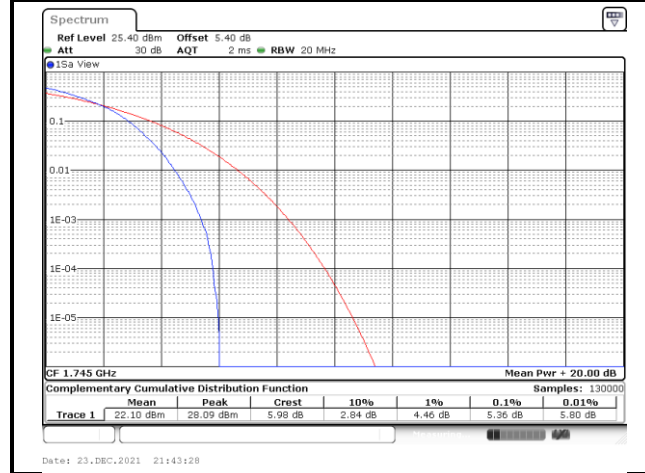


LTE Band 66 / 20MHz

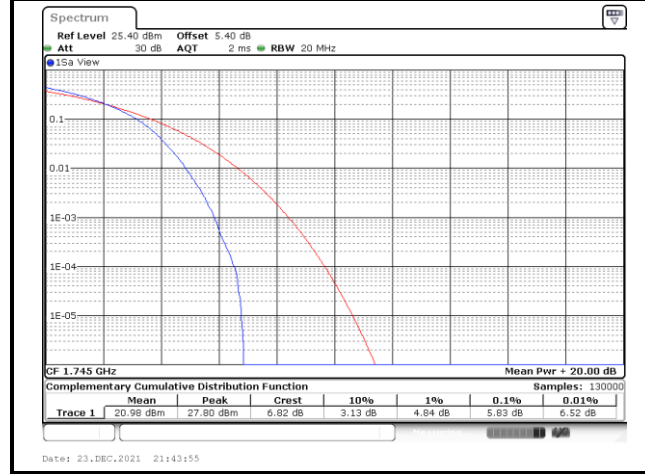
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



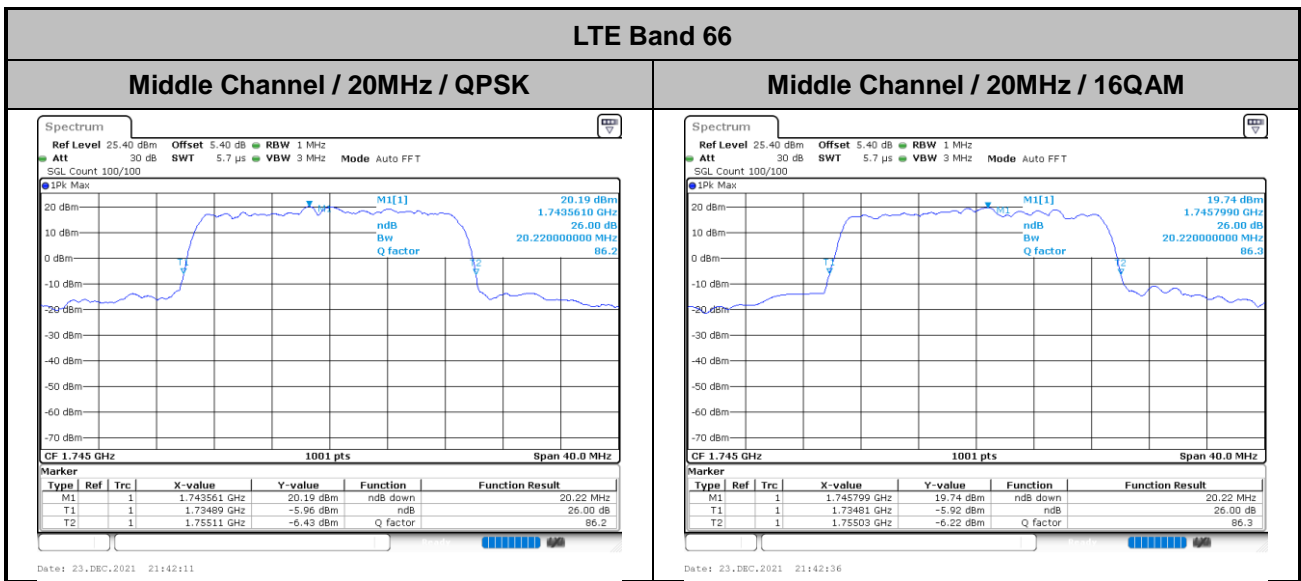
Middle Channel / Full RB/ 64QAM





## 26dB Bandwidth

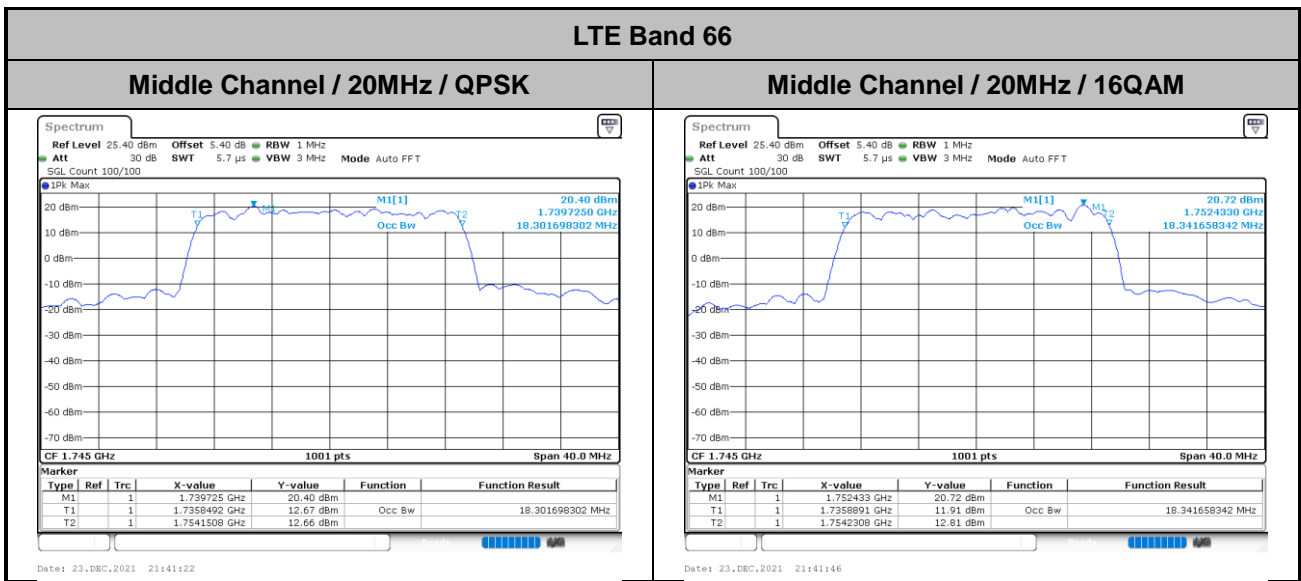
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.22	20.22





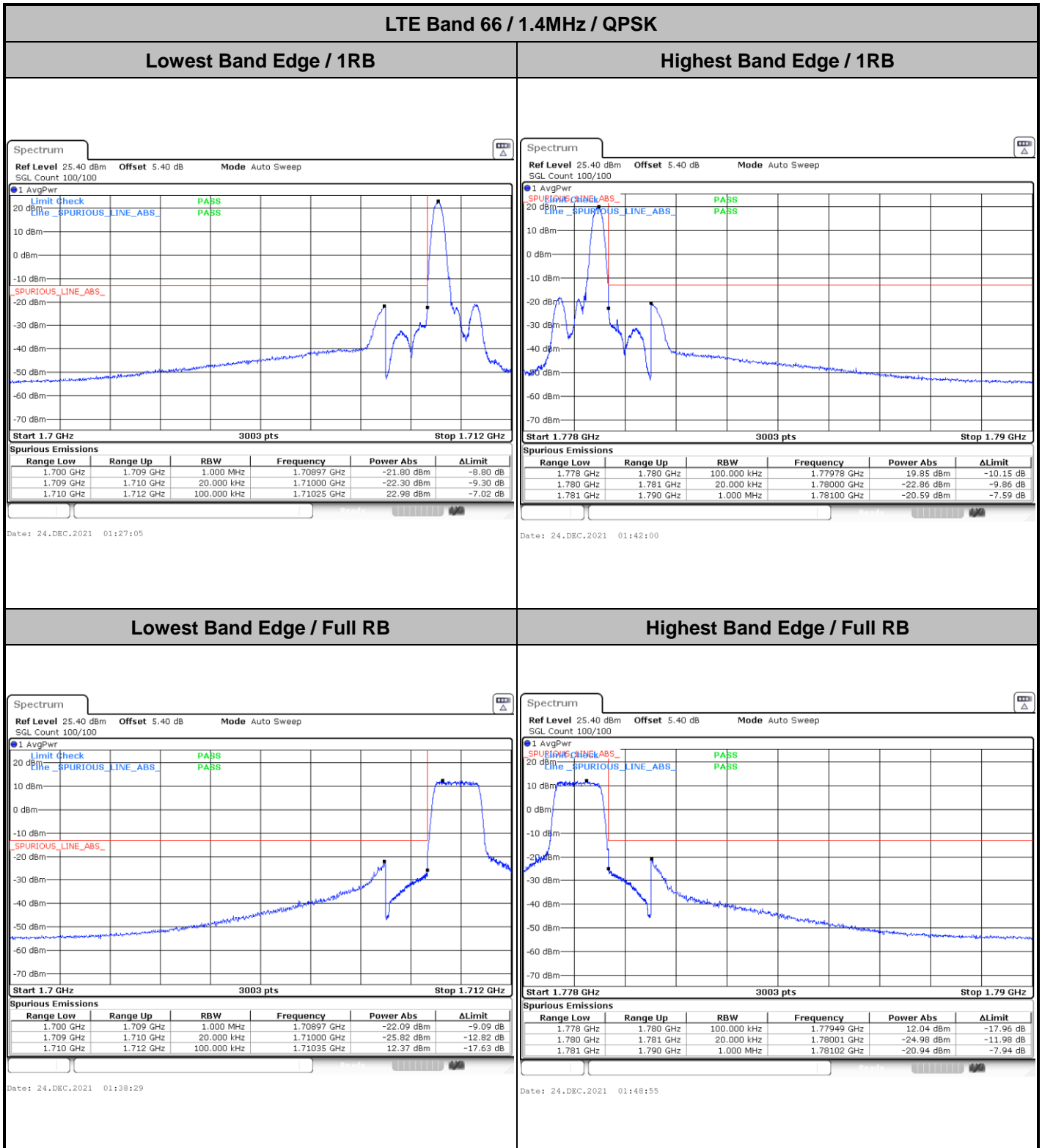
# Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.30	18.34





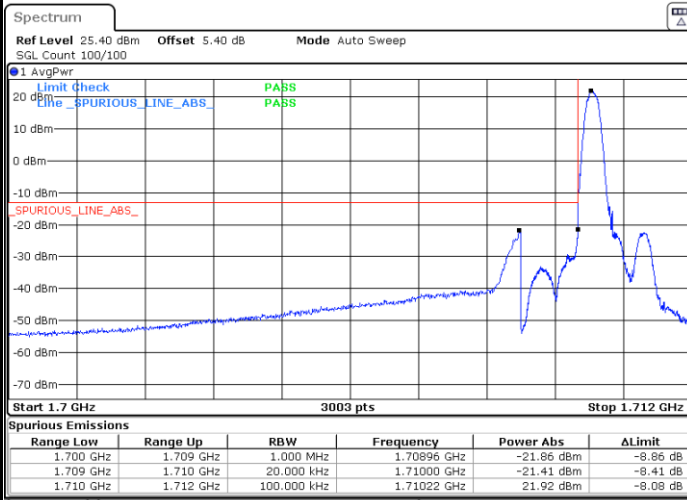
# Conducted Band Edge





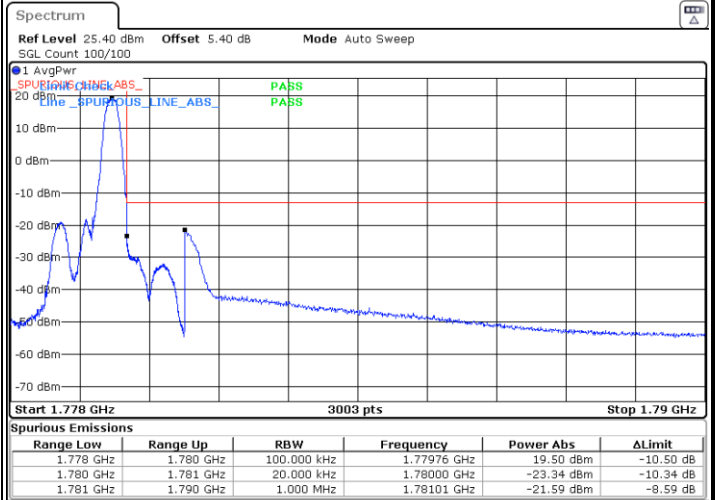
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



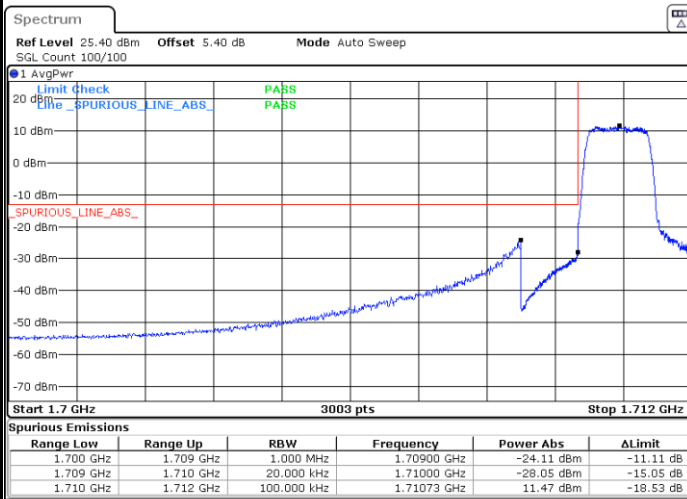
Date: 24.DEC.2021 01:31:13

Highest Band Edge / 1 RB



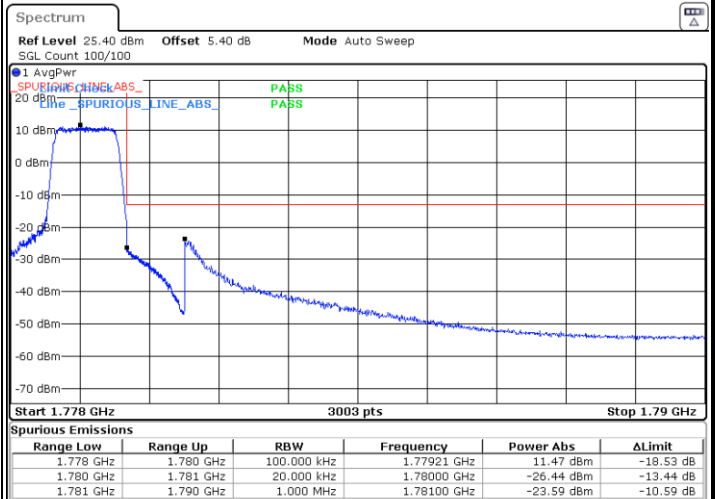
Date: 24.DEC.2021 01:43:22

Lowest Band Edge / Full RB



Date: 24.DEC.2021 01:37:06

Highest Band Edge / Full RB

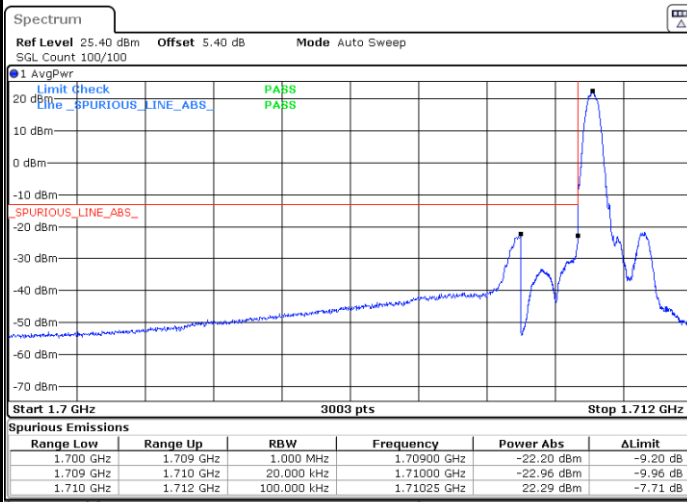


Date: 24.DEC.2021 01:47:32



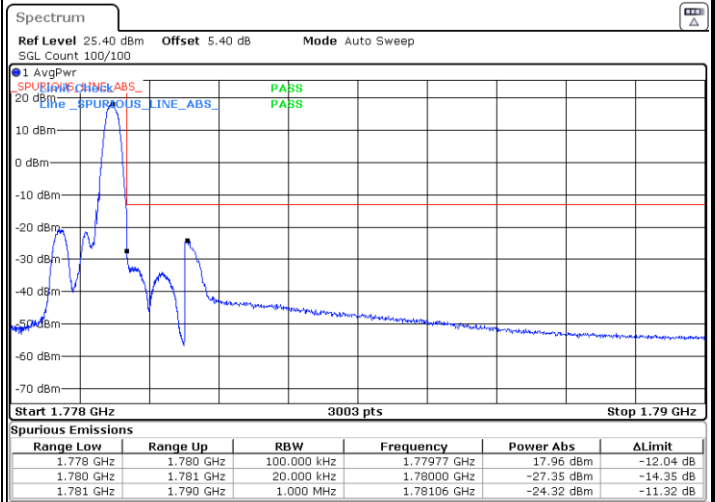
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



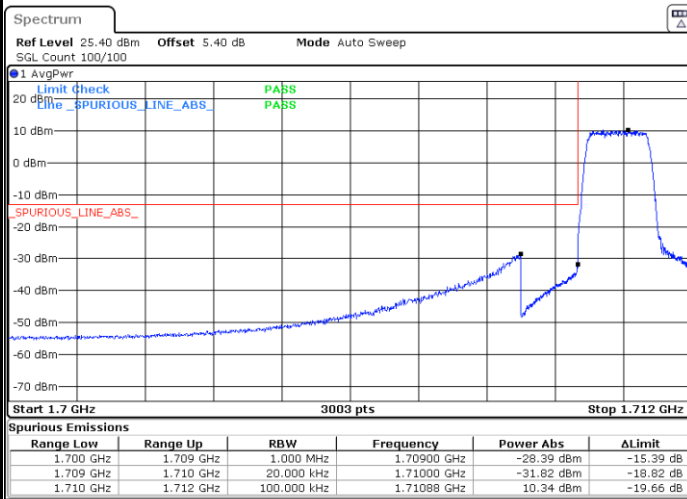
Date: 24.DEC.2021 01:32:36

Highest Band Edge / 1 RB



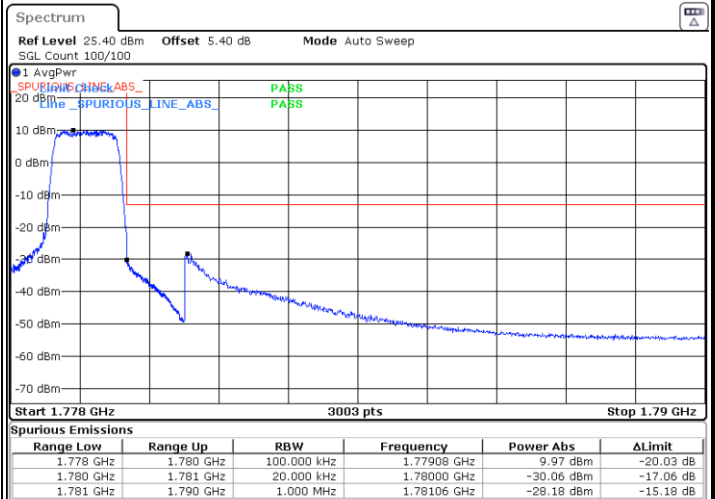
Date: 24.DEC.2021 01:44:46

Lowest Band Edge / Full RB



Date: 24.DEC.2021 01:35:43

Highest Band Edge / Full RB

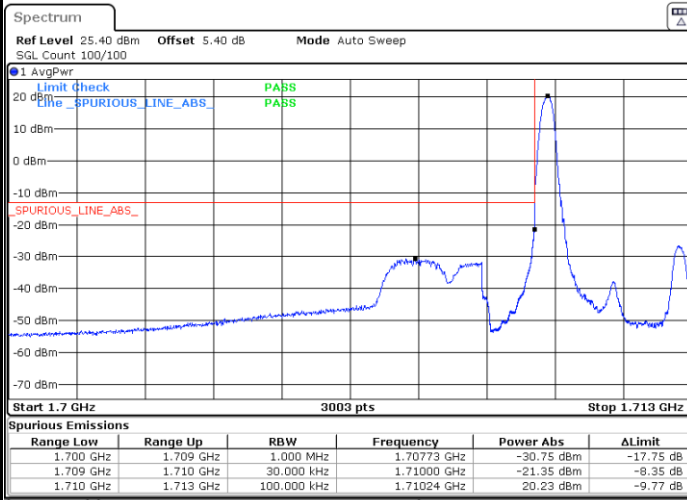


Date: 24.DEC.2021 01:46:09



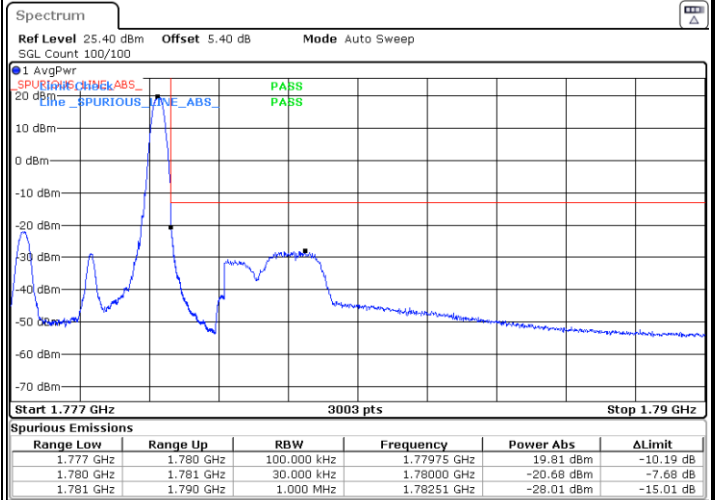
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



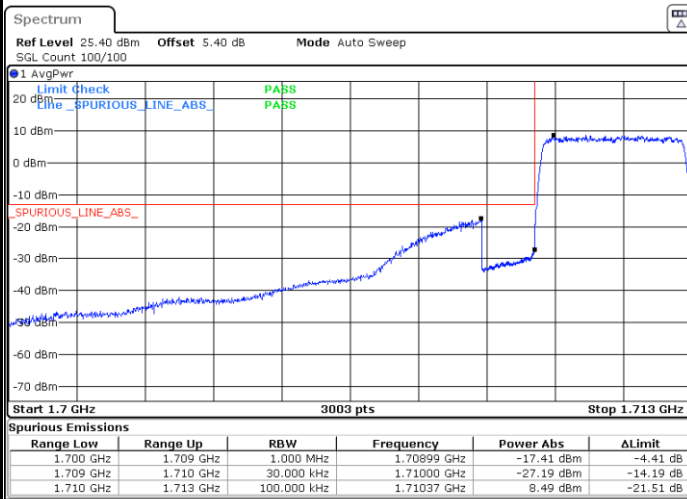
Date: 24.DEC.2021 01:51:13

Highest Band Edge / 1 RB



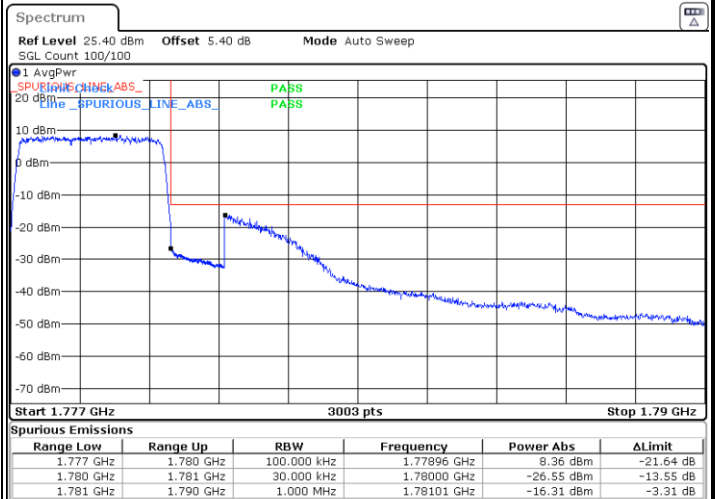
Date: 24.DEC.2021 02:05:46

Lowest Band Edge / Full RB



Date: 24.DEC.2021 01:58:07

Highest Band Edge / Full RB



Date: 24.DEC.2021 02:19:35