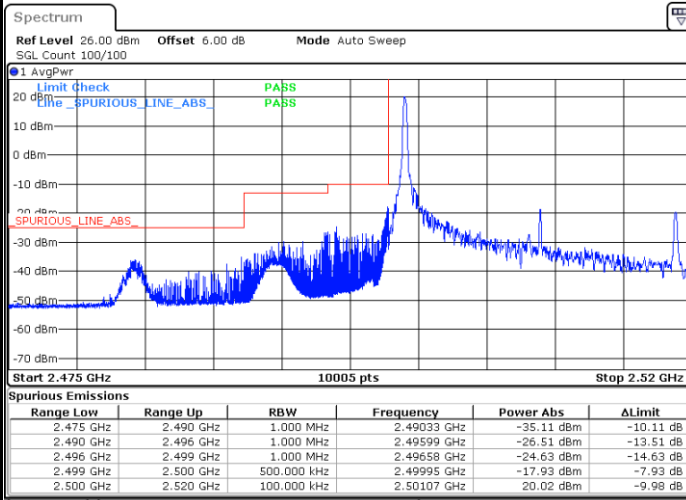


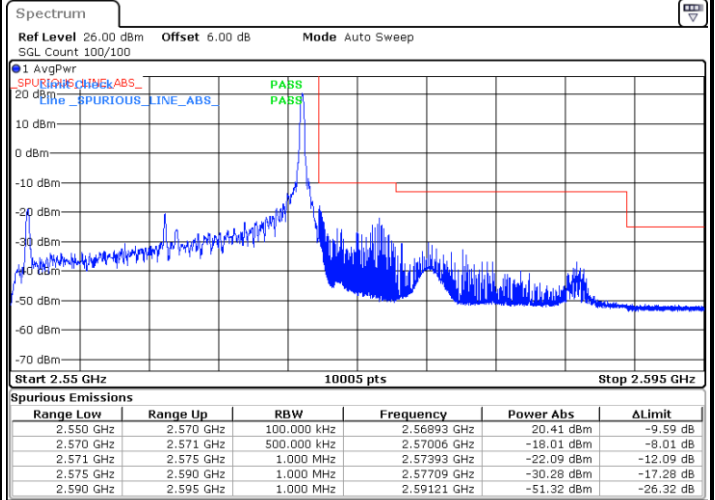


LTE Band 7 / 20MHz / 16QAM

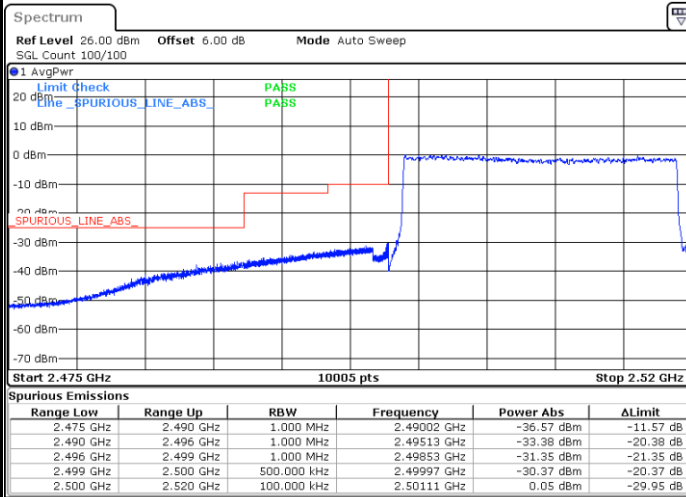
Lowest Band Edge / 1 RB



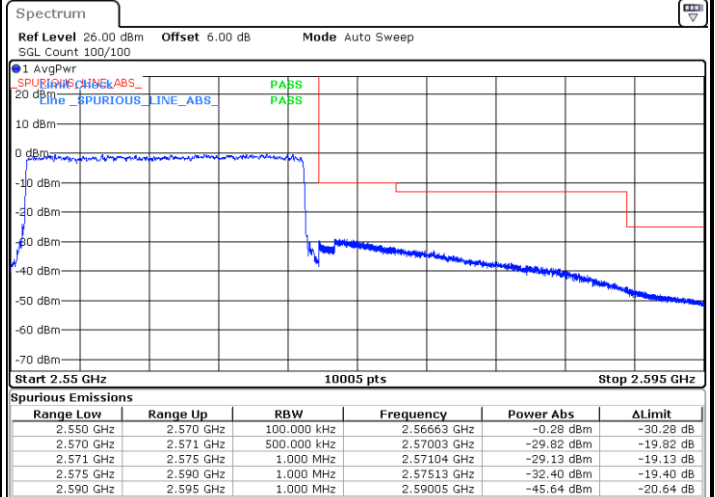
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



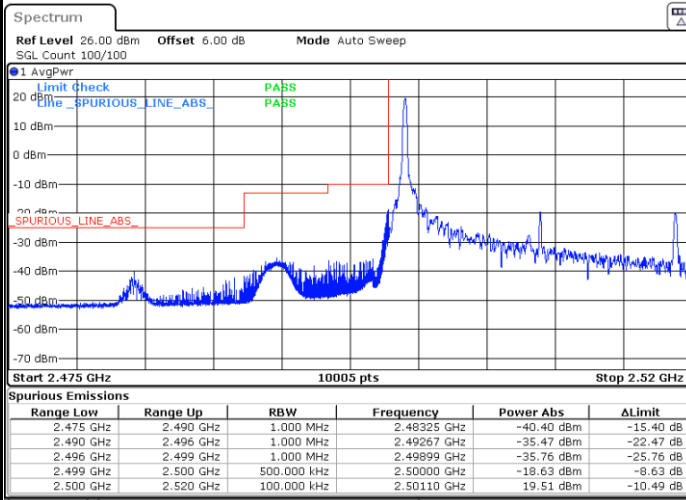
Highest Band Edge / Full RB





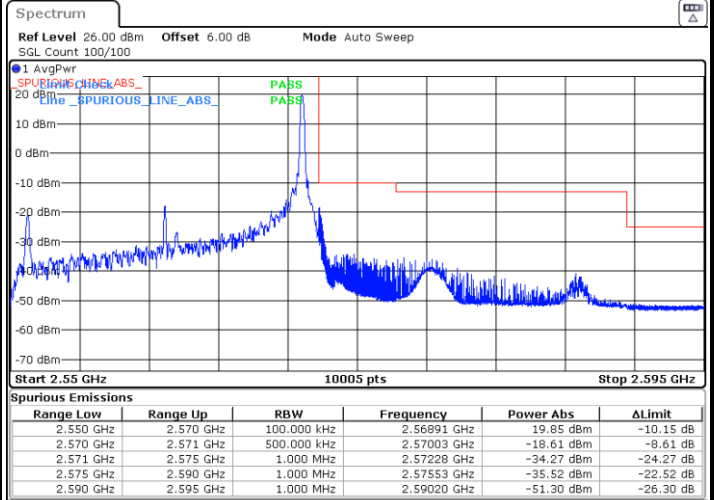
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



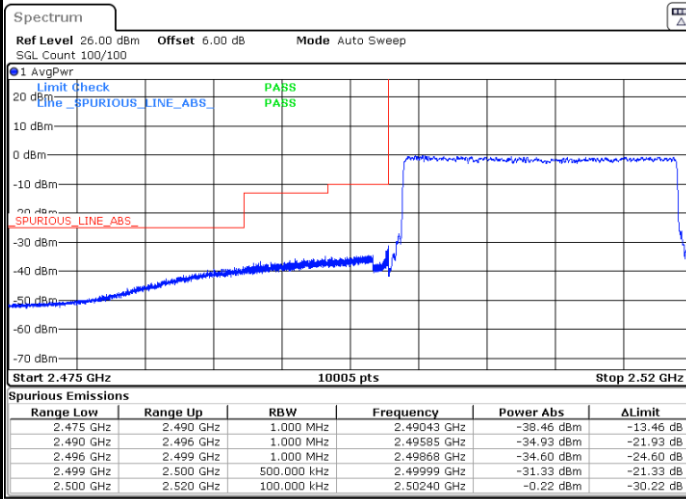
Date: 24.DEC.2021 16:48:01

Highest Band Edge / 1 RB



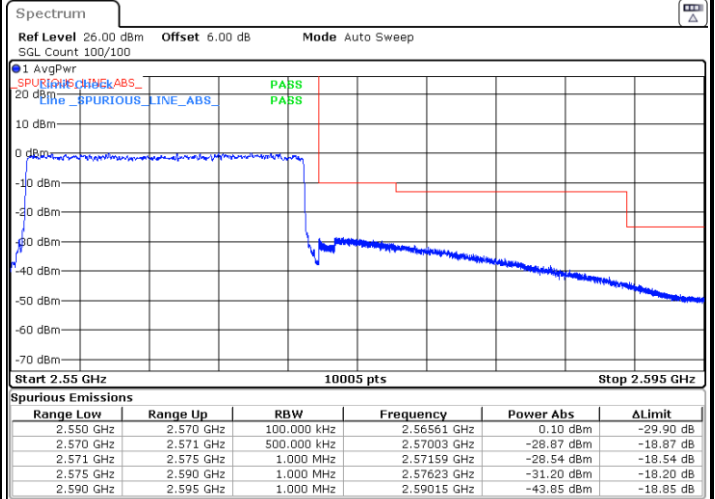
Date: 24.DEC.2021 16:50:09

Lowest Band Edge / Full RB



Date: 24.DEC.2021 16:49:05

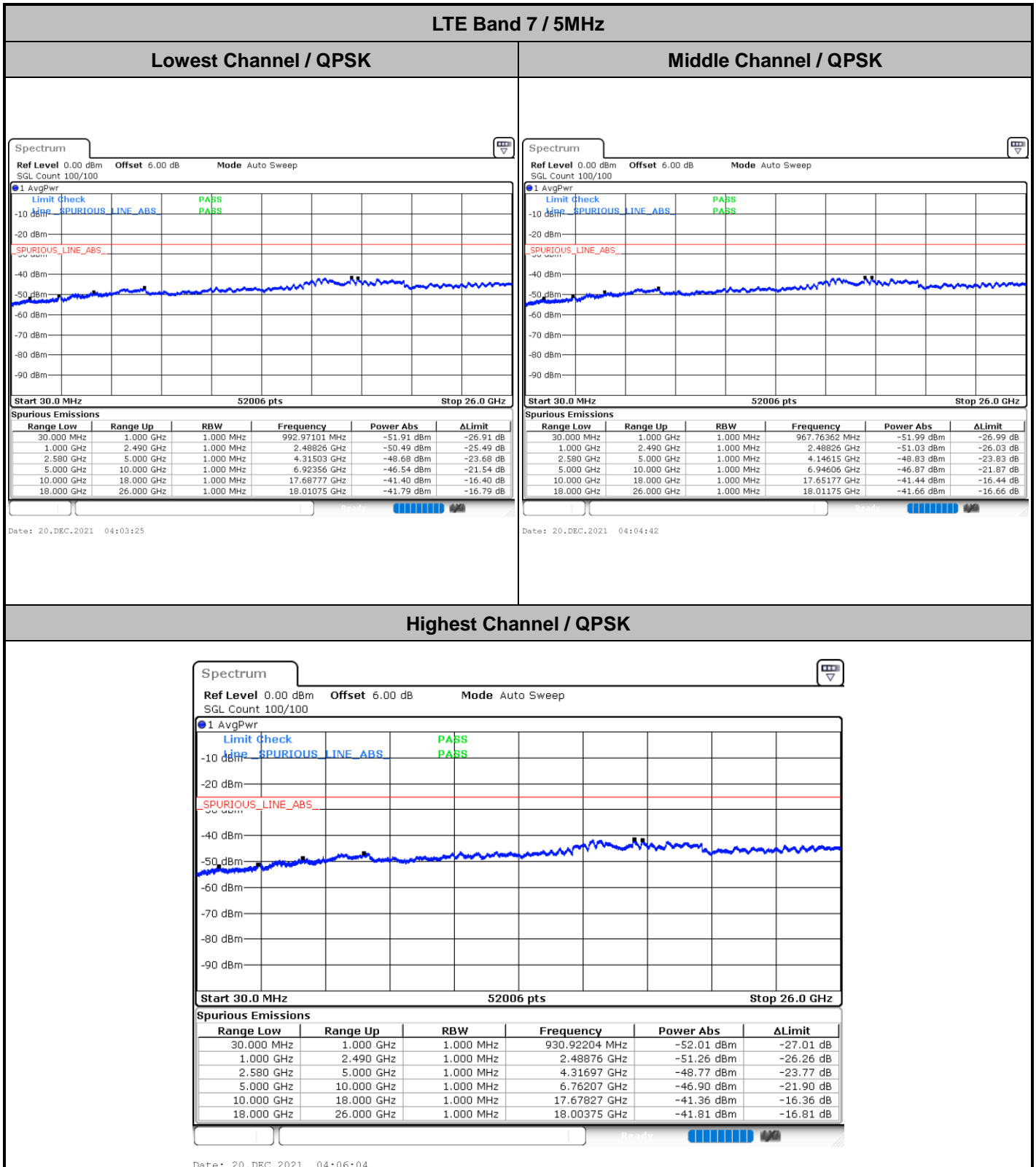
Highest Band Edge / Full RB



Date: 24.DEC.2021 16:51:12



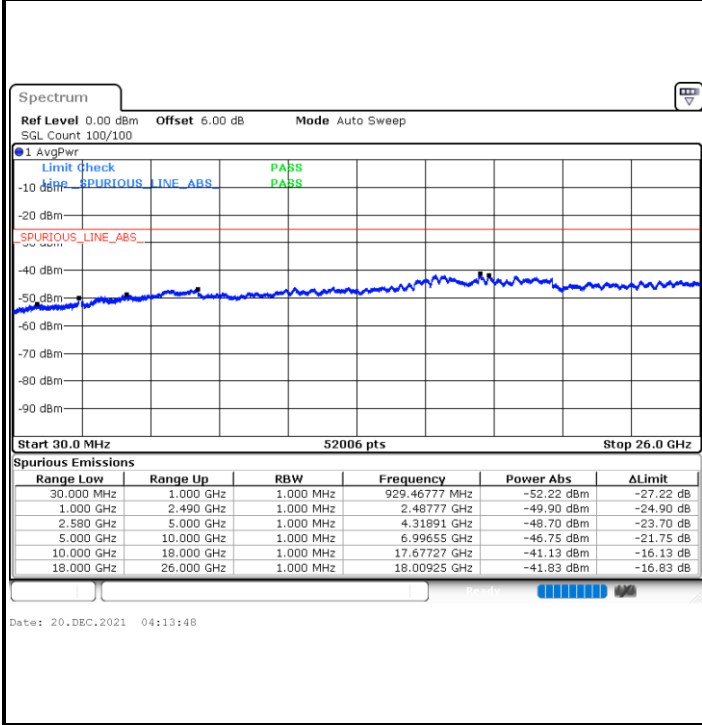
Conducted Spurious Emission



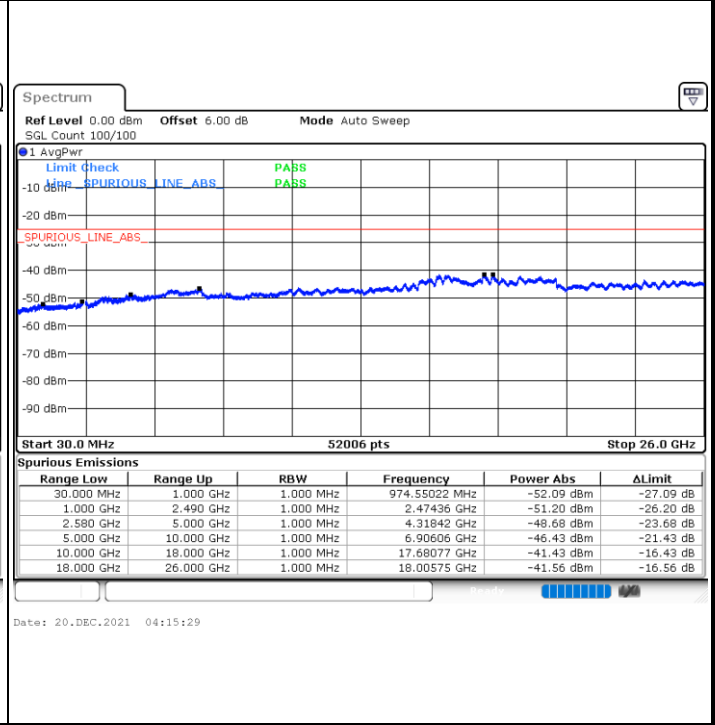


LTE Band 7 / 10MHz

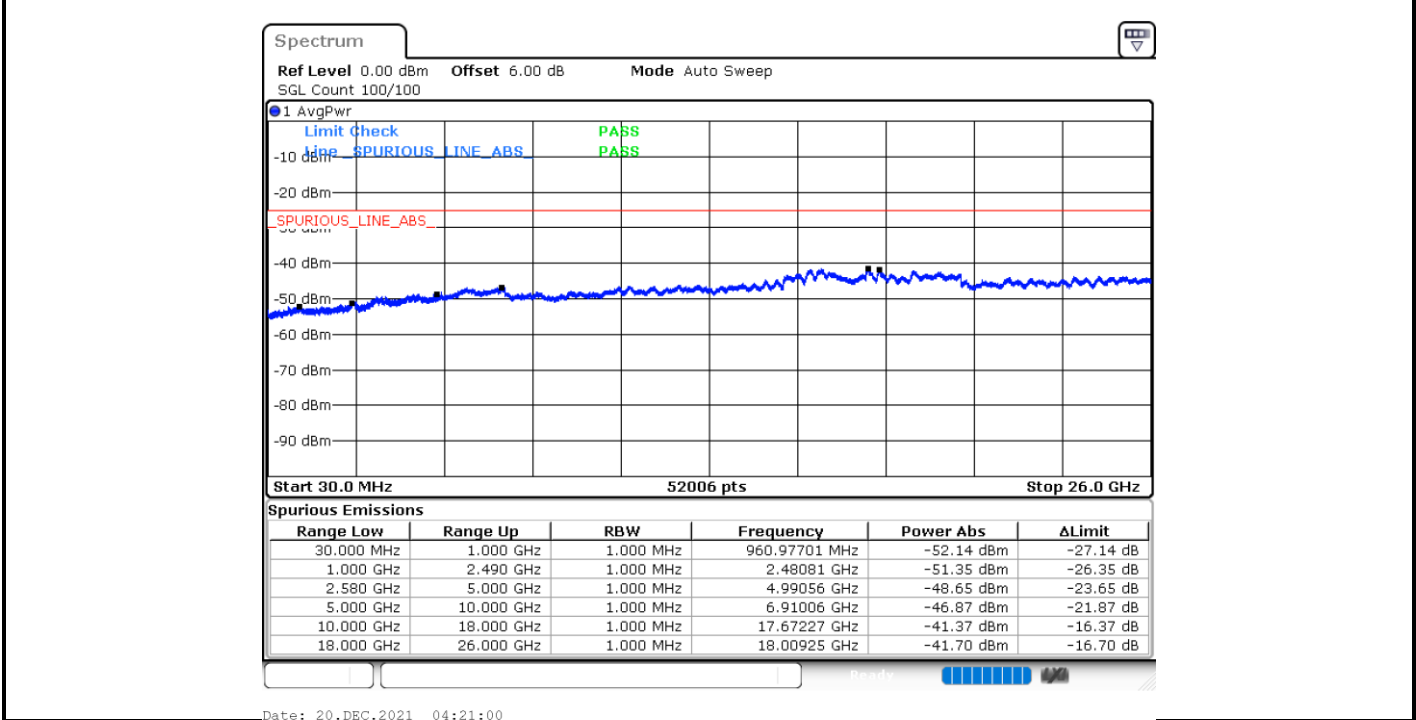
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

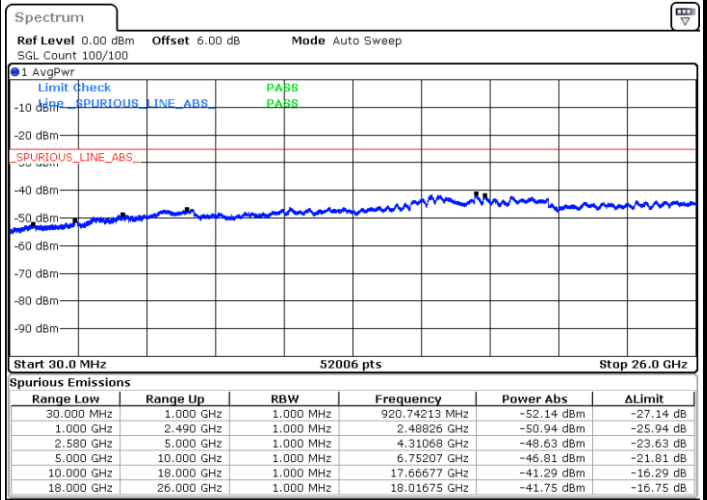
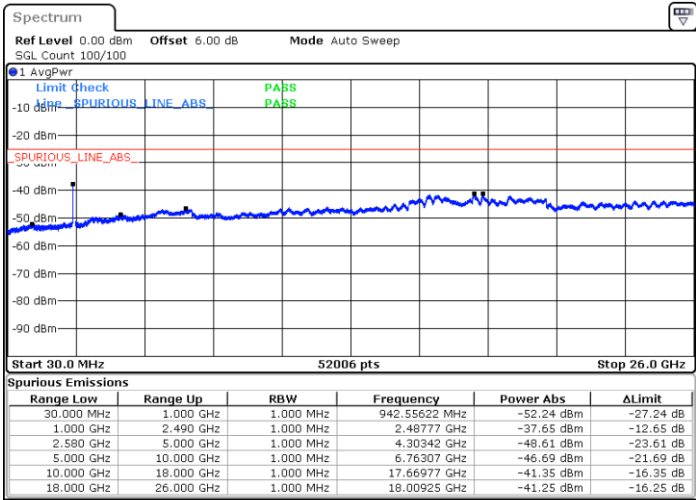




LTE Band 7 / 15MHz

Lowest Channel / QPSK

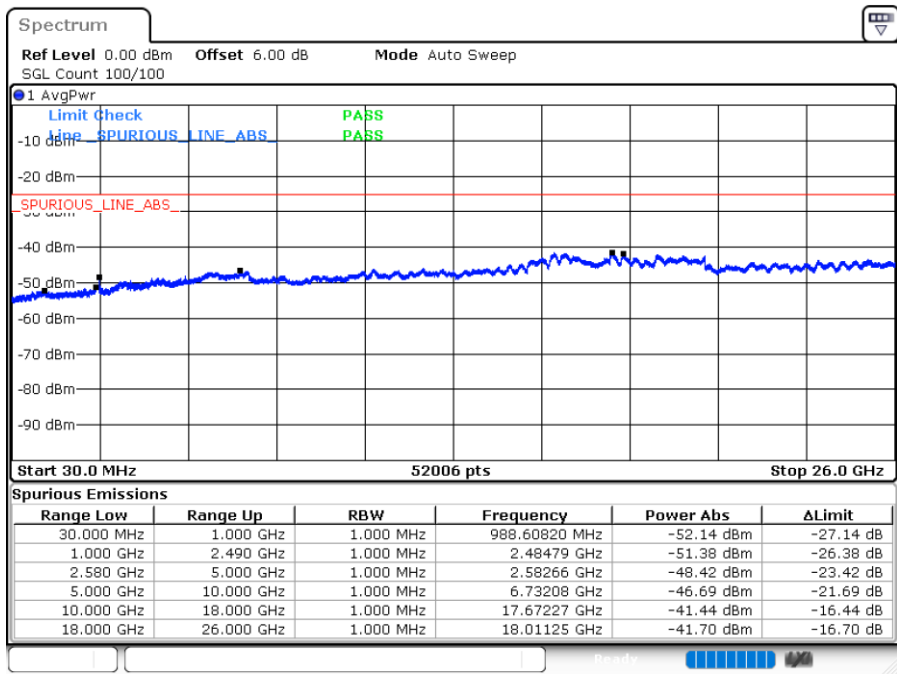
Middle Channel / QPSK



Date: 20. DEC. 2021 04:33:02

Date: 20. DEC. 2021 04:35:13

Highest Channel / QPSK

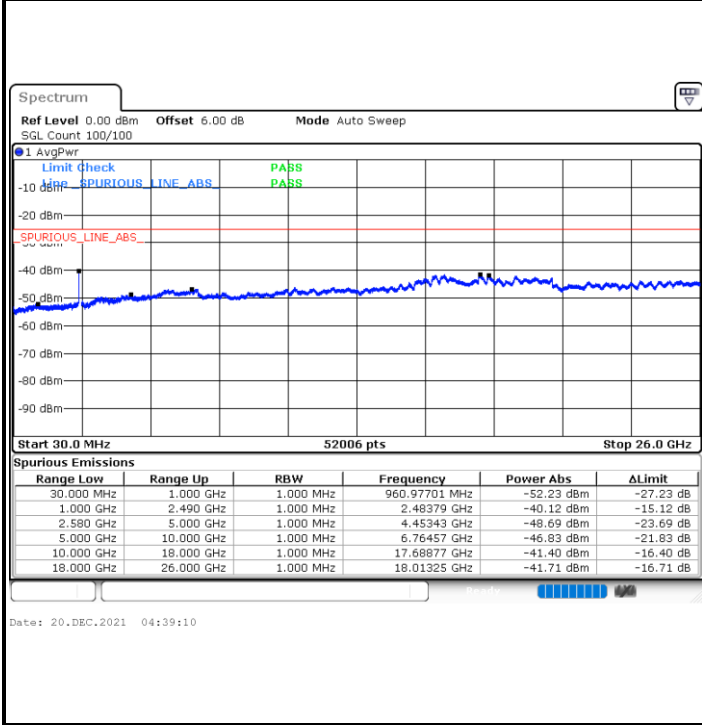


Date: 20. DEC. 2021 04:28:55

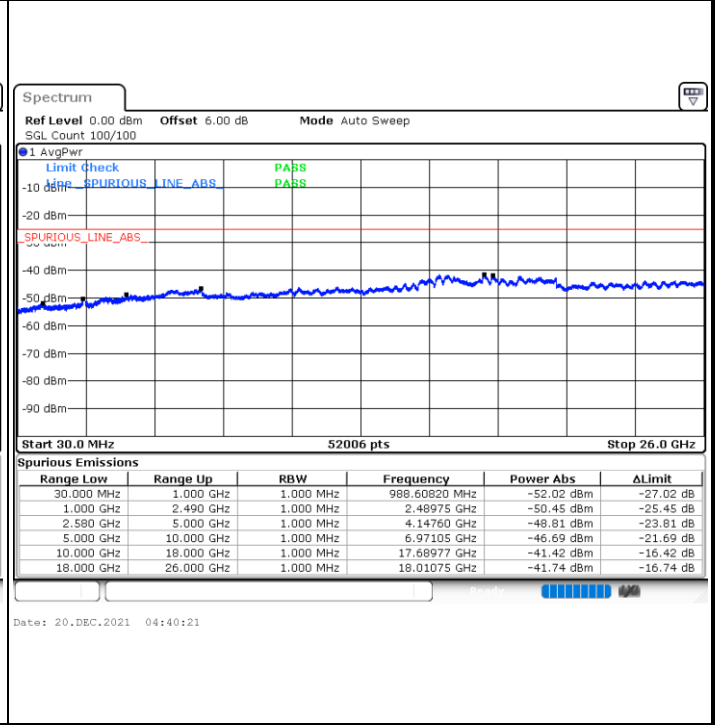


LTE Band 7 / 20MHz

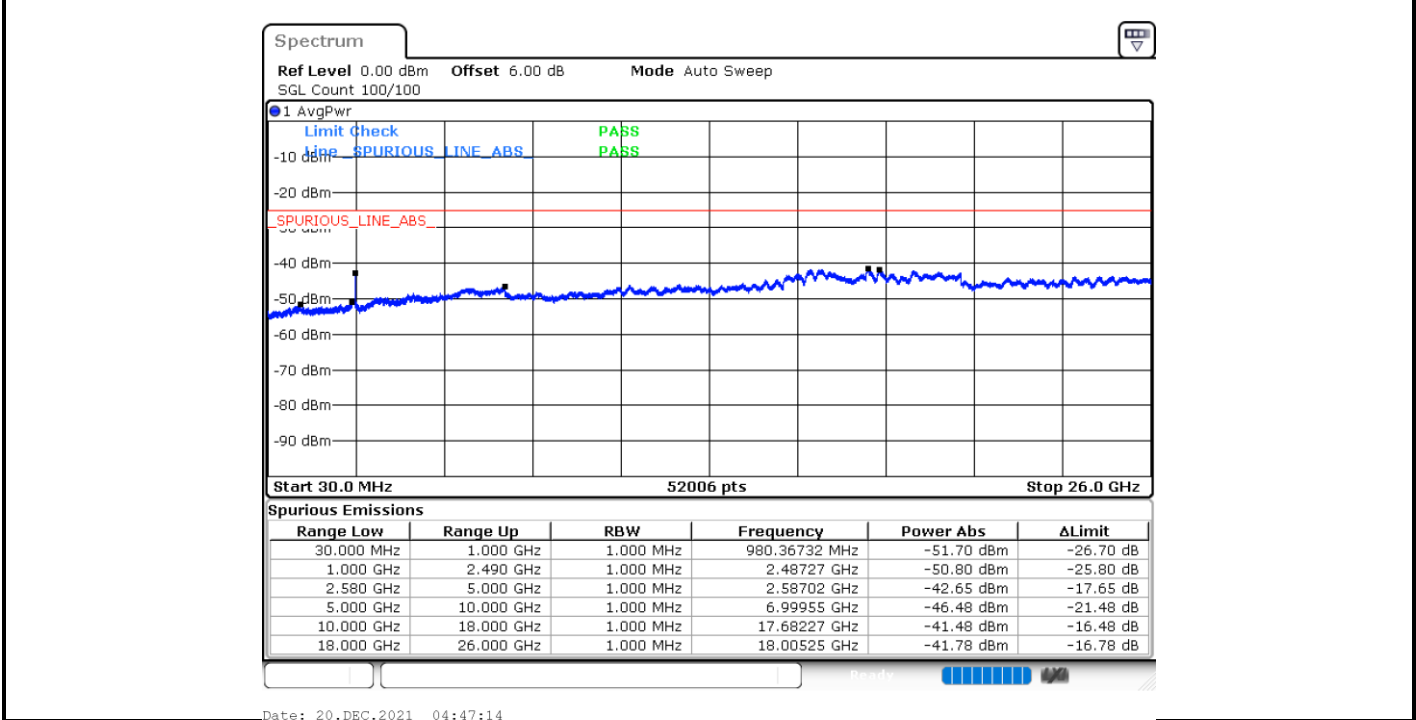
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

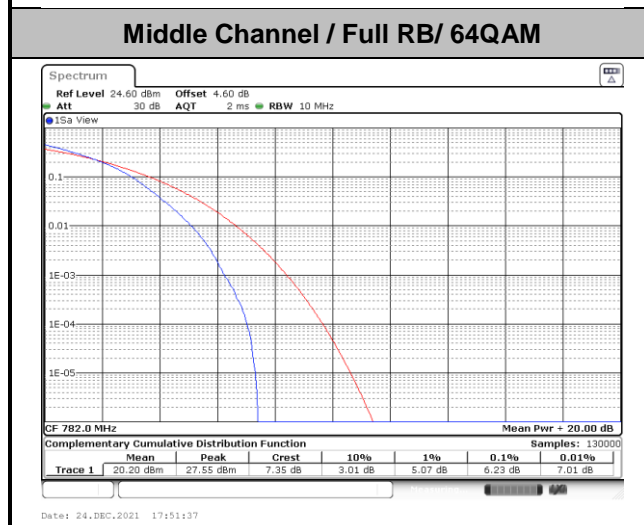
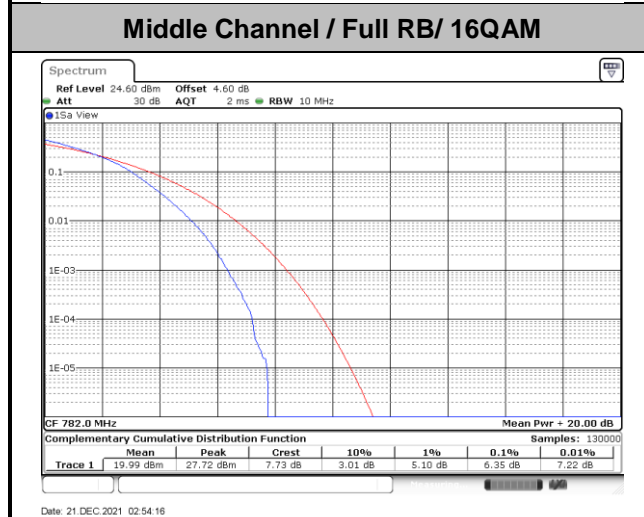
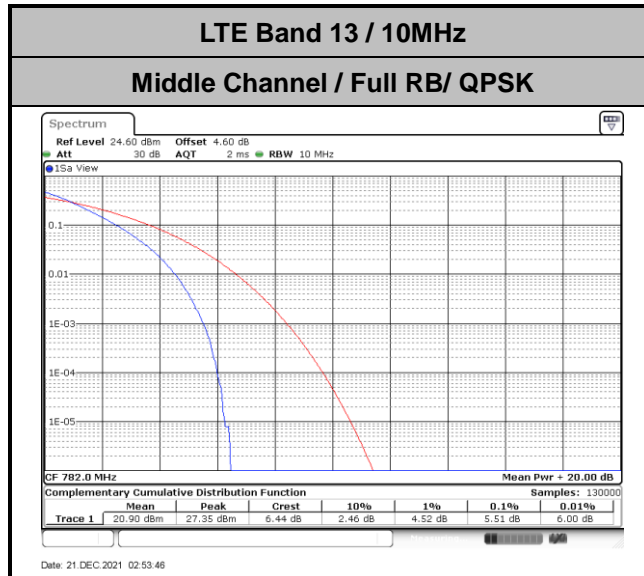
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

Peak-to-Average Ratio

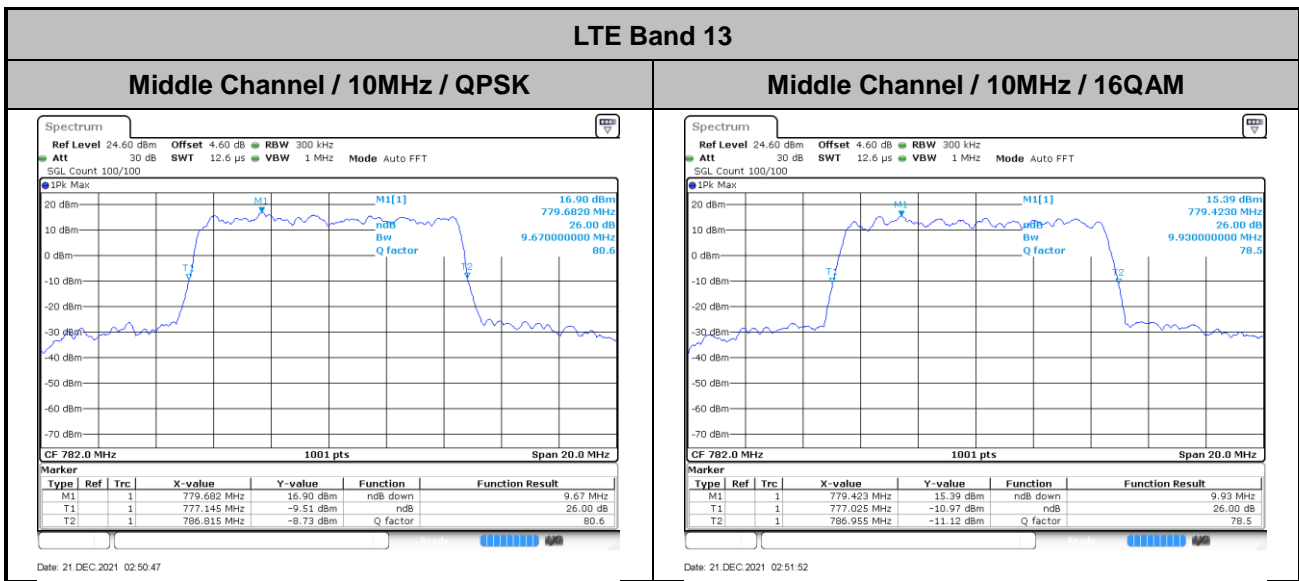
Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.51	6.35	6.23	PASS





26dB Bandwidth

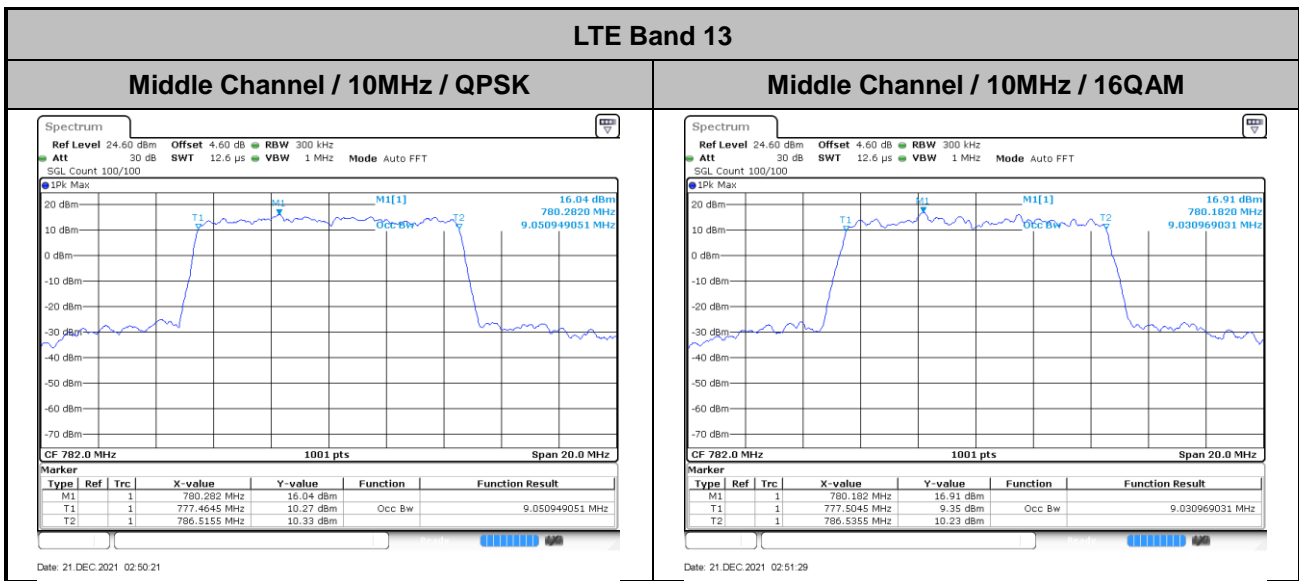
Mode	LTE Band 13 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.67	9.93





Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.03

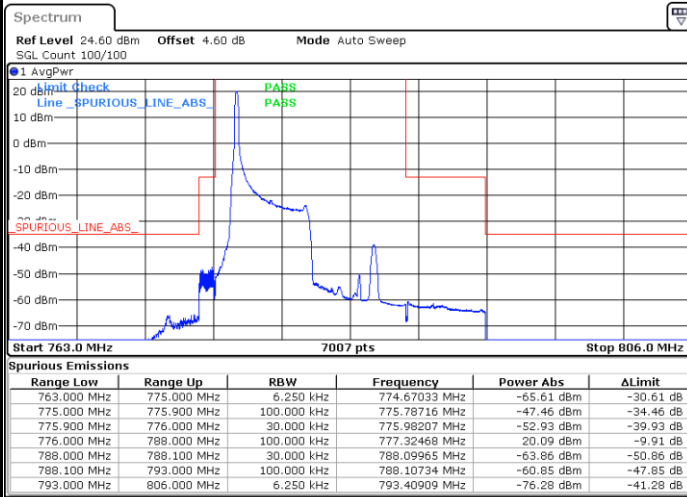




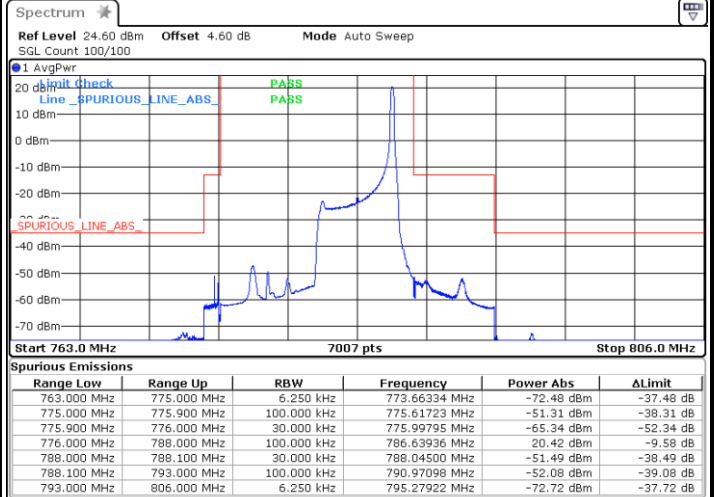
Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

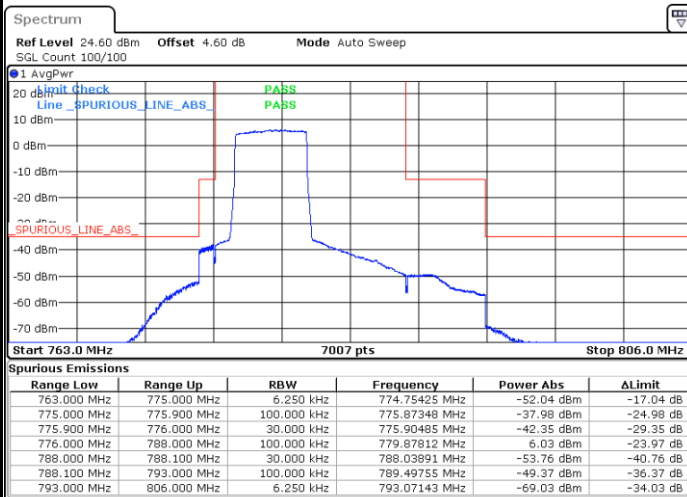
Lowest Band Edge / 1 RB



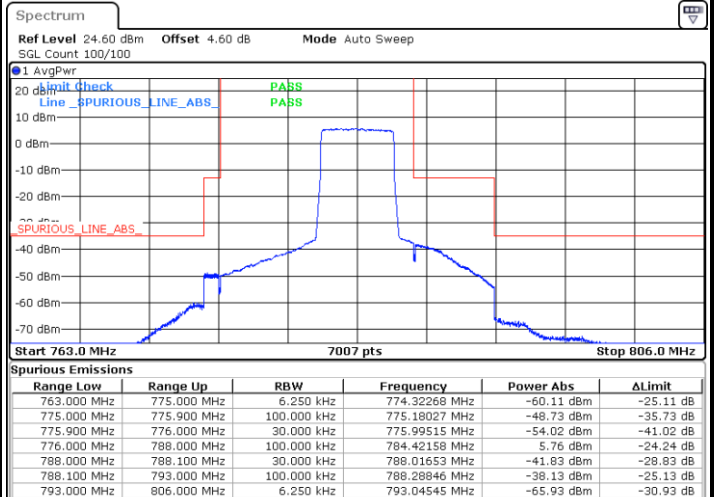
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

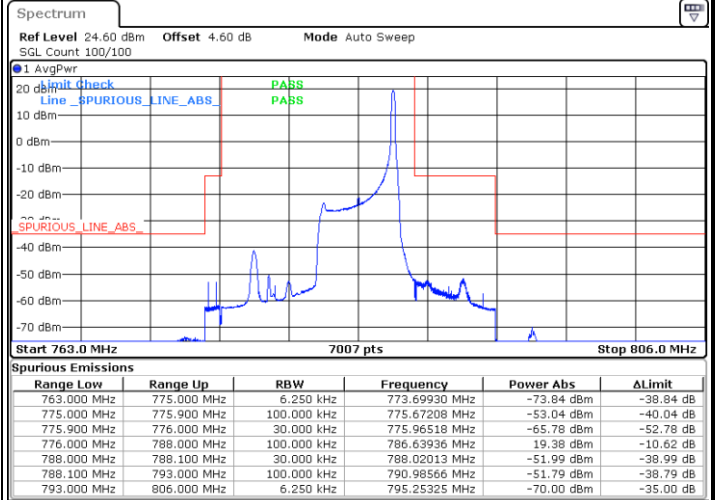
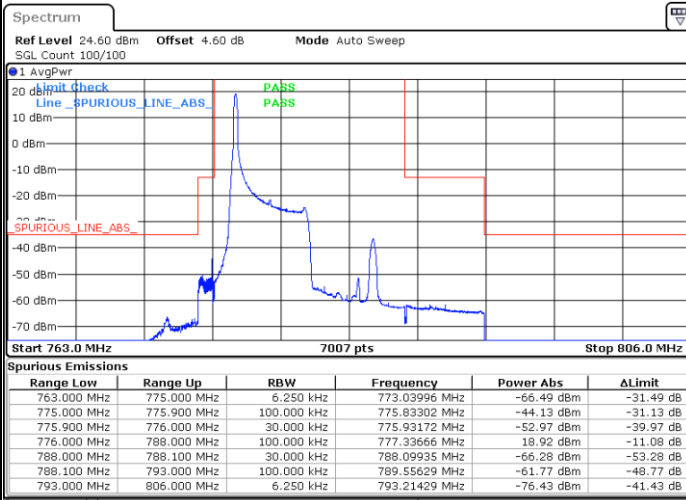




LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

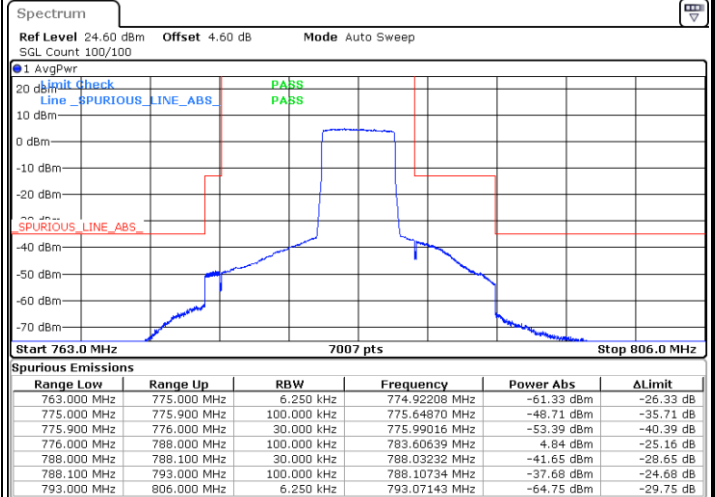
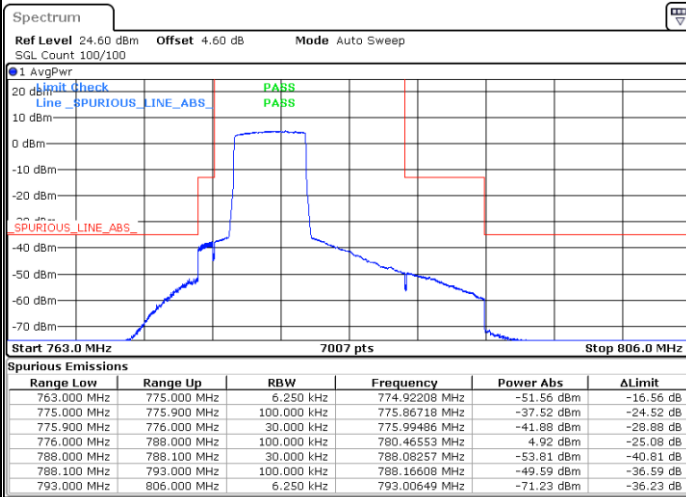


Date: 21 DEC 2021 00:06:08

Date: 21 DEC 2021 00:39:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



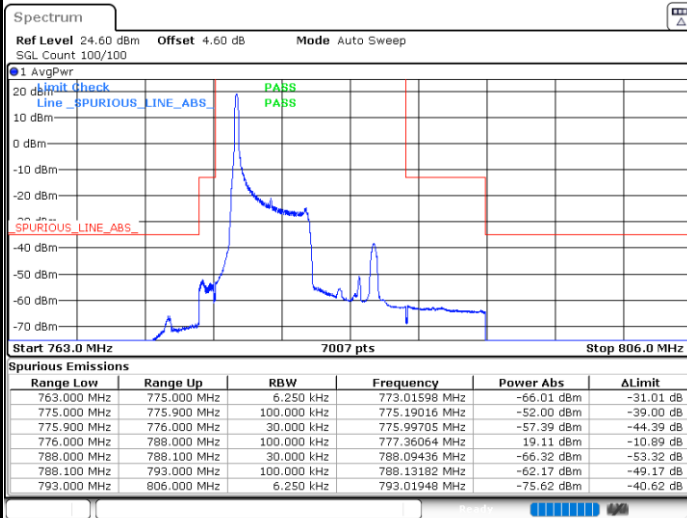
Date: 21 DEC 2021 00:11:09

Date: 21 DEC 2021 01:28:56



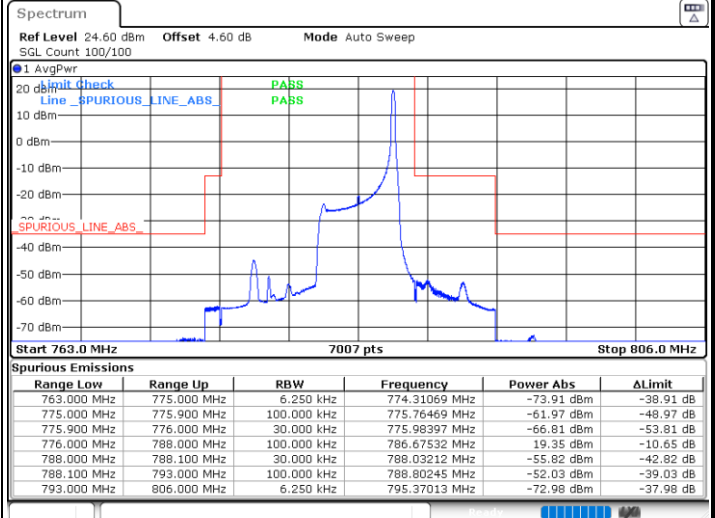
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1RB



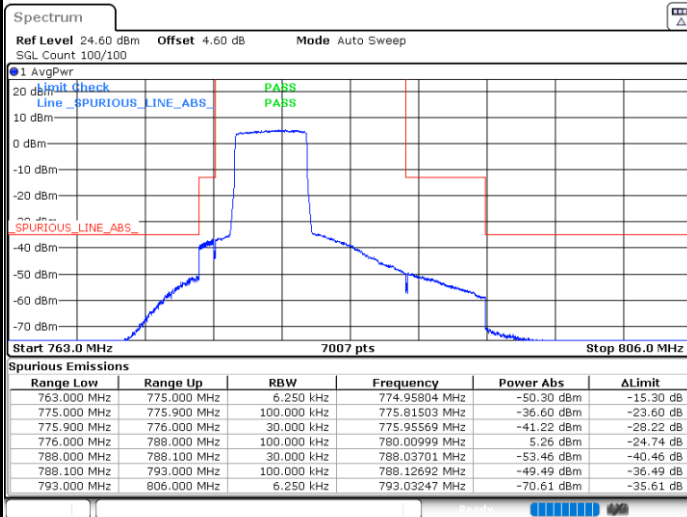
Date: 24.DEC.2021 17:40:03

Highest Band Edge / 1 RB



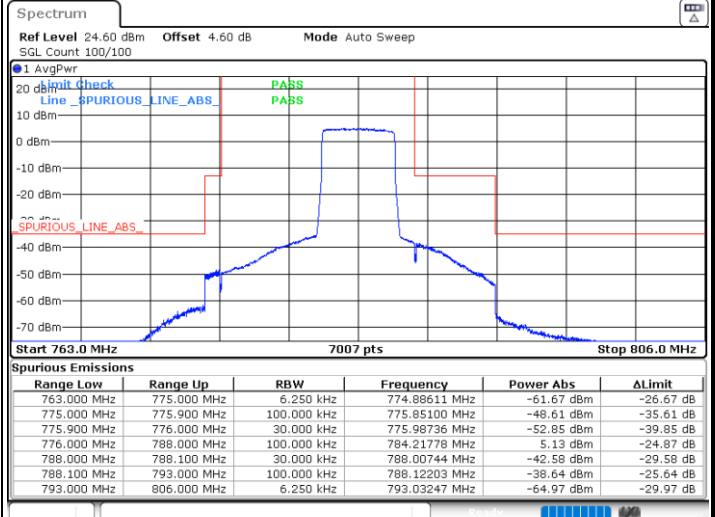
Date: 24.DEC.2021 17:43:49

Lowest Band Edge / Full RB



Date: 24.DEC.2021 17:41:56

Highest Band Edge / Full RB



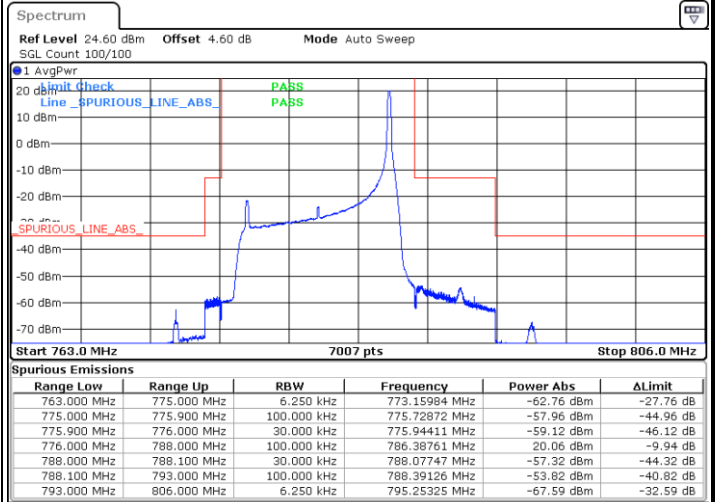
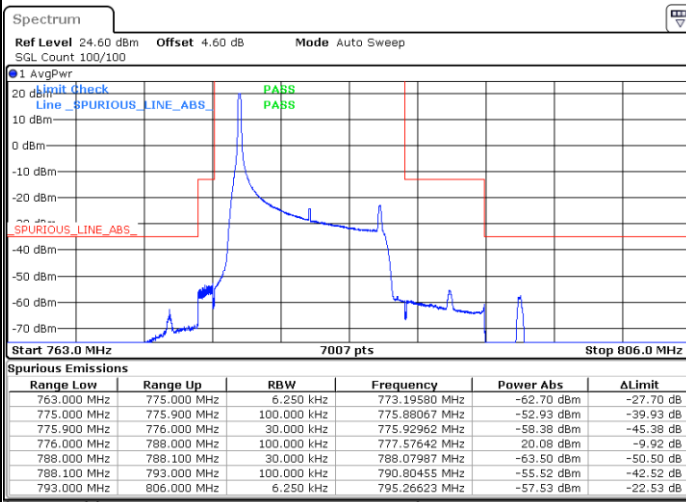
Date: 24.DEC.2021 17:45:42



LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB

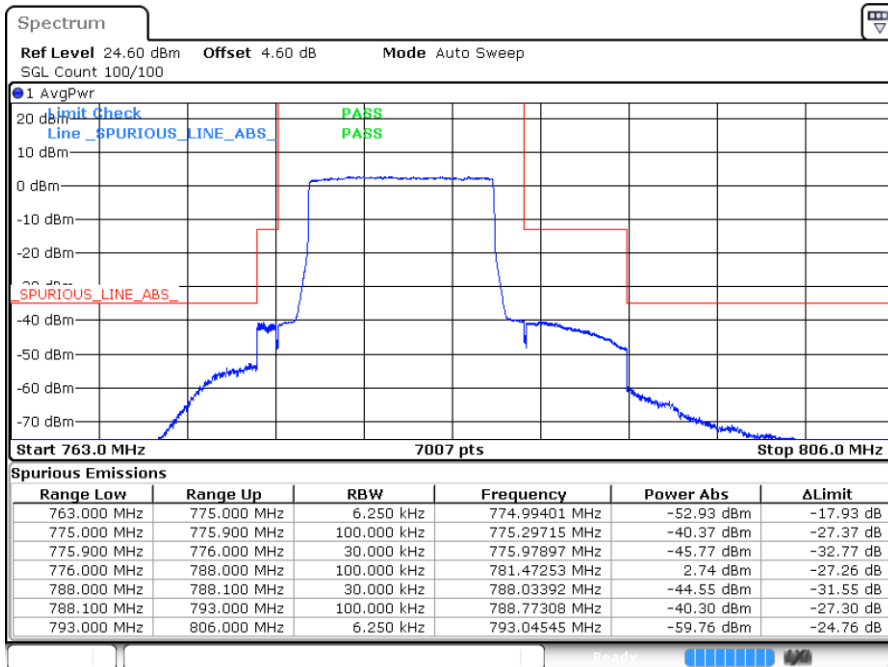
middle Band Edge / 1 RB



Date: 21 DEC 2021 01:37:55

Date: 21 DEC 2021 02:48:41

Middle Band Edge / Full RB

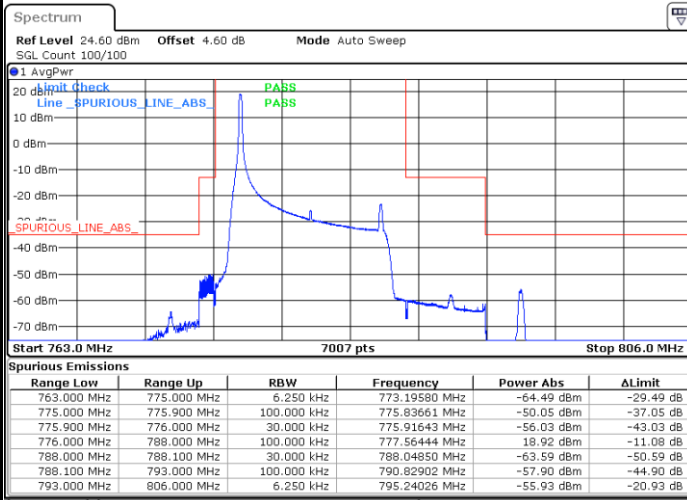


Date: 21 DEC 2021 02:45:20



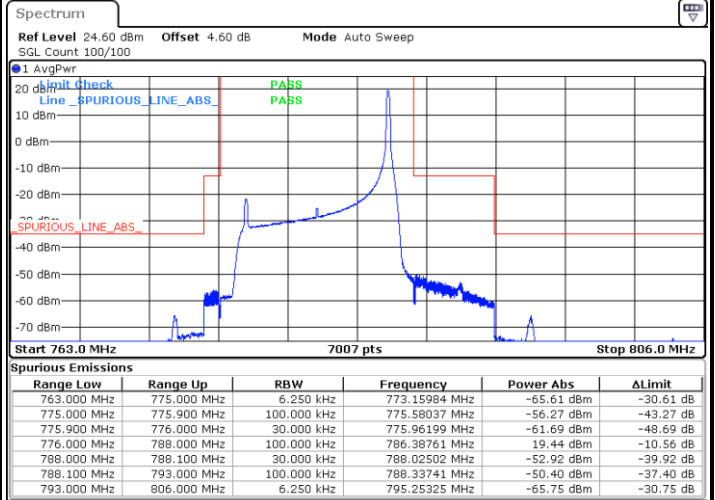
LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB



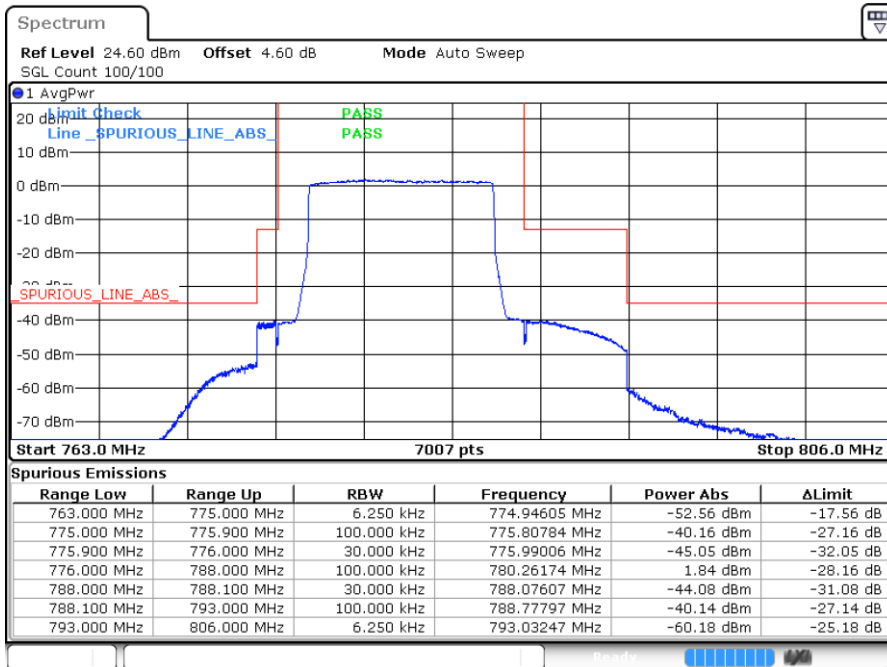
Date: 21 DEC 2021 01:39:17

middle Band Edge / 1 RB



Date: 21 DEC 2021 02:47:15

middle Band Edge / Full RB

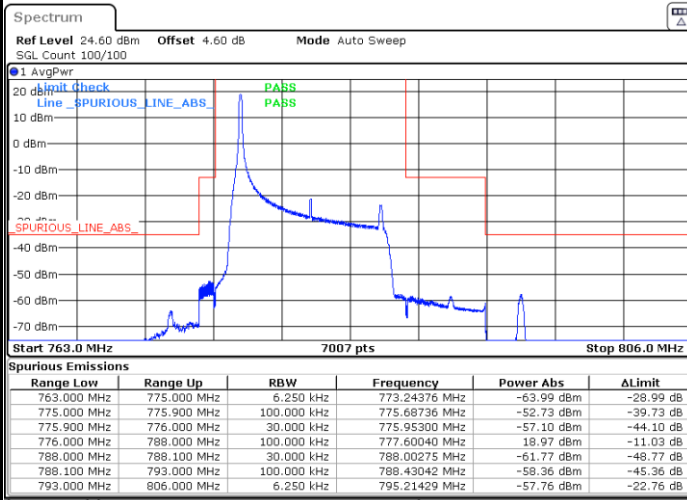


Date: 21 DEC 2021 02:43:57



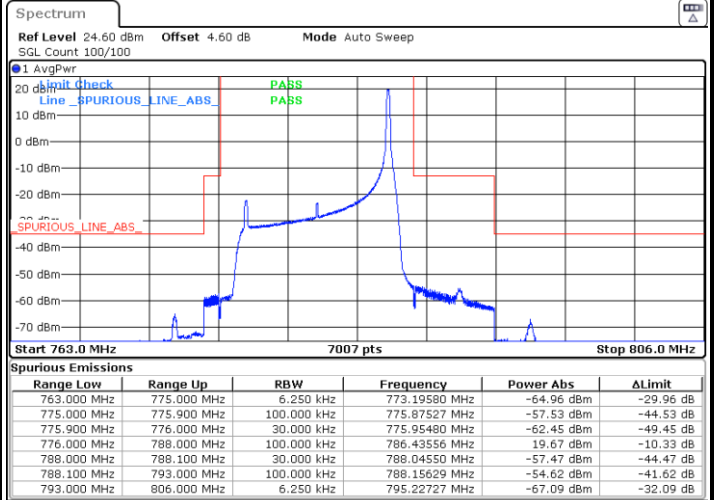
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



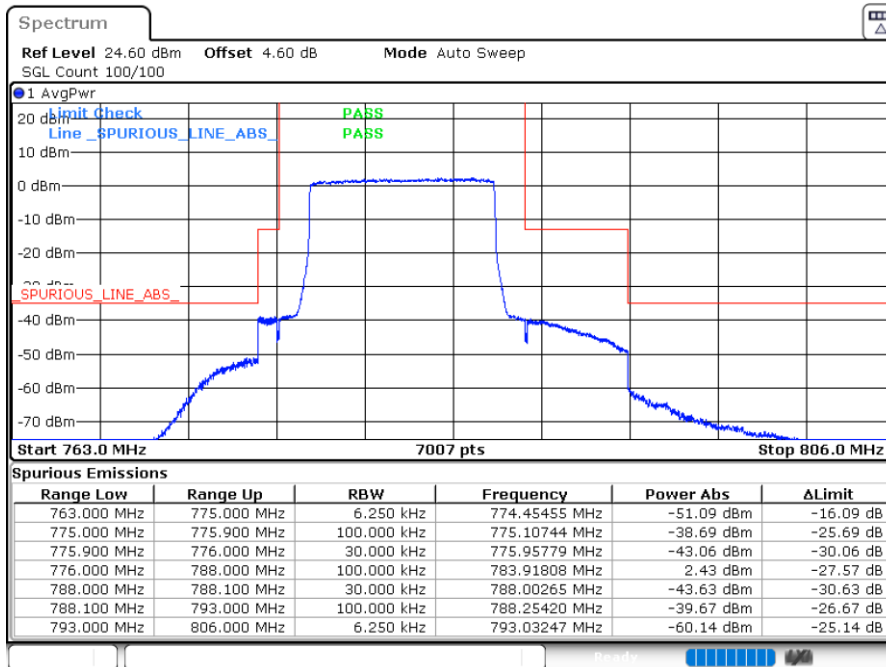
Date: 24.DEC.2021 17:47:36

middle Band Edge / 1 RB



Date: 24.DEC.2021 17:49:28

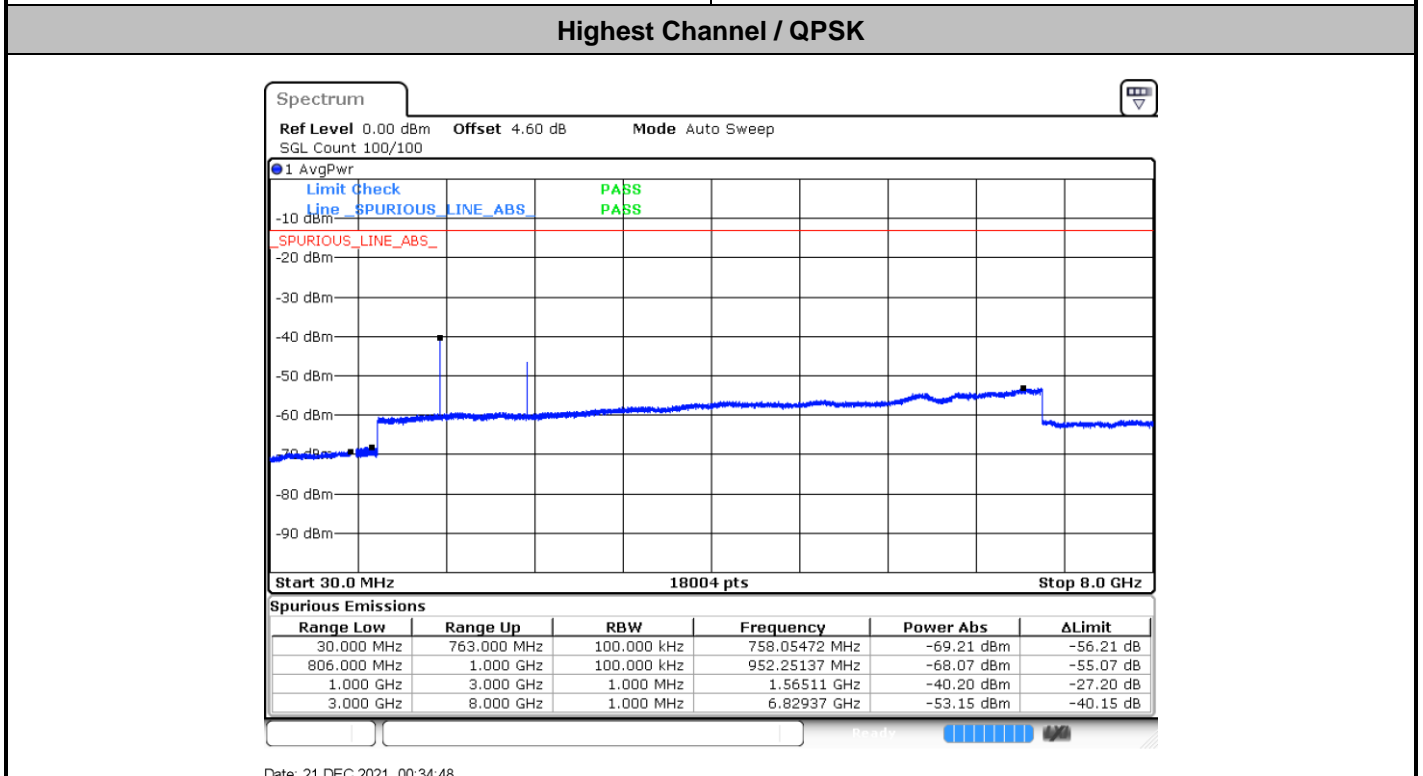
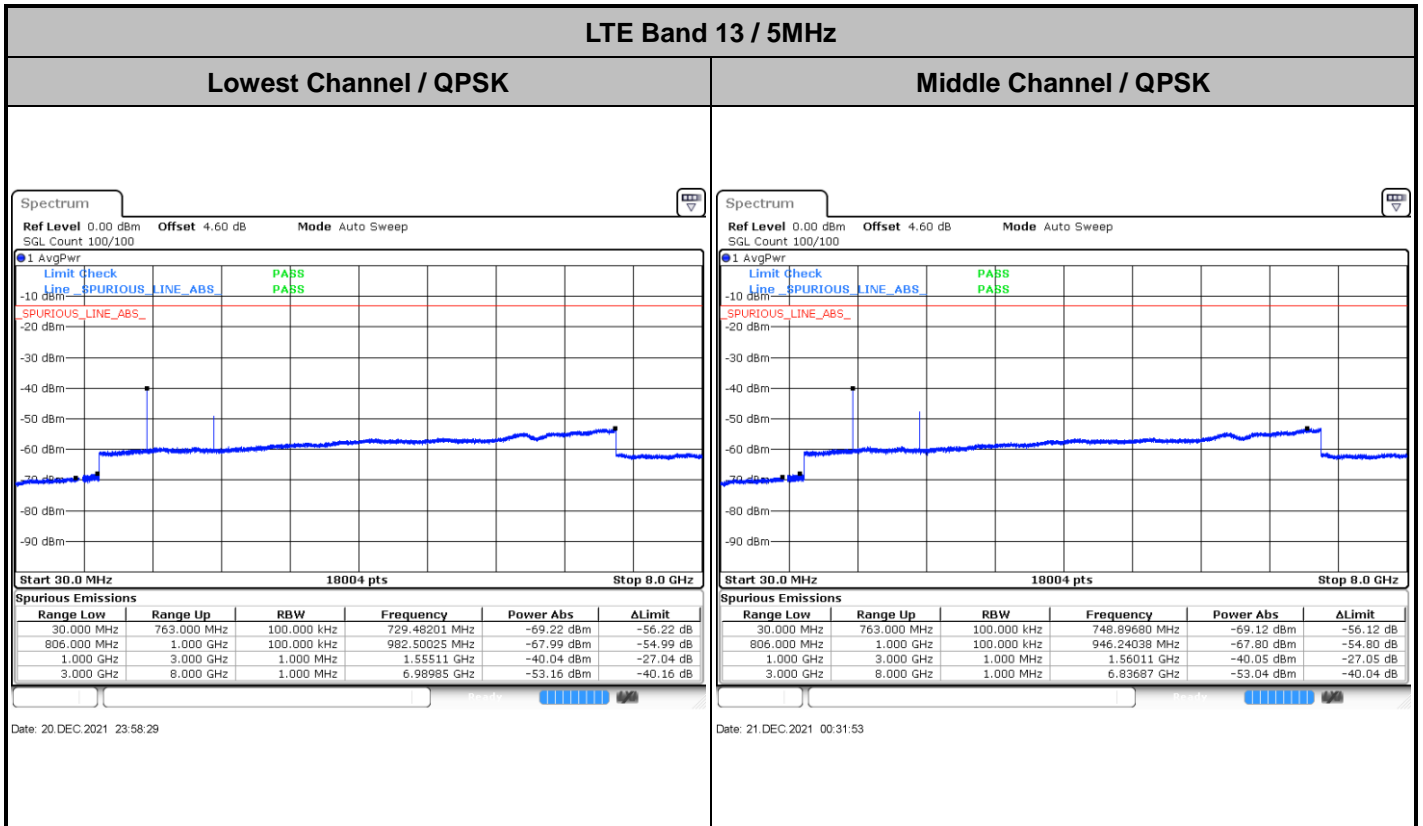
middle Band Edge / Full RB



Date: 24.DEC.2021 17:51:21



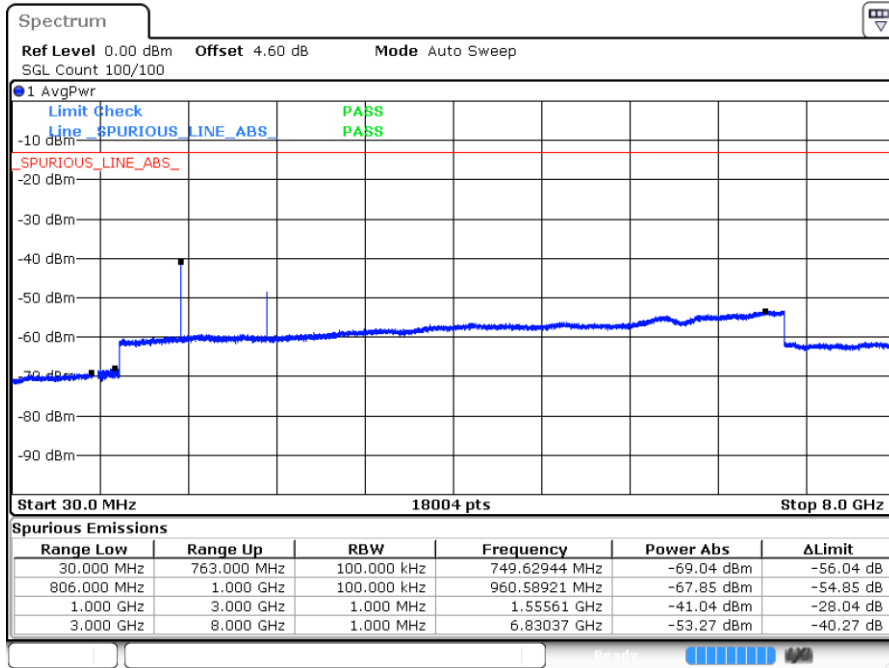
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 21 DEC 2021 01:36:37



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	0.0012	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

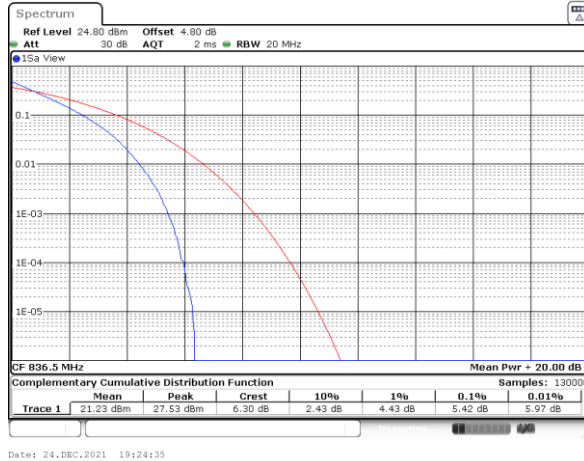
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.42	5.88	5.91	PASS

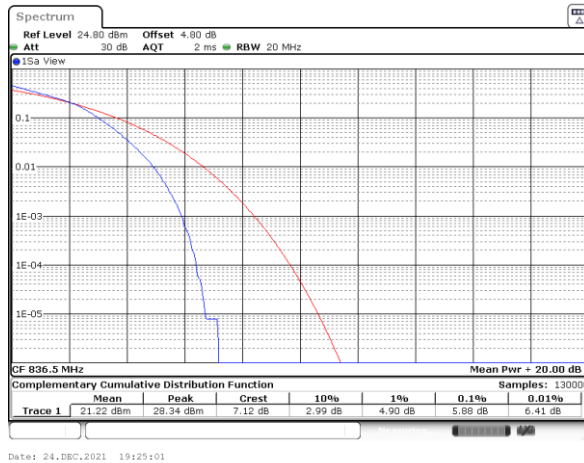


LTE Band 26 / 15MHz

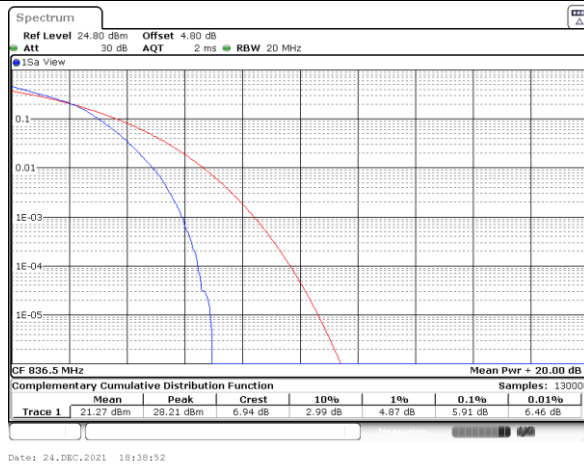
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



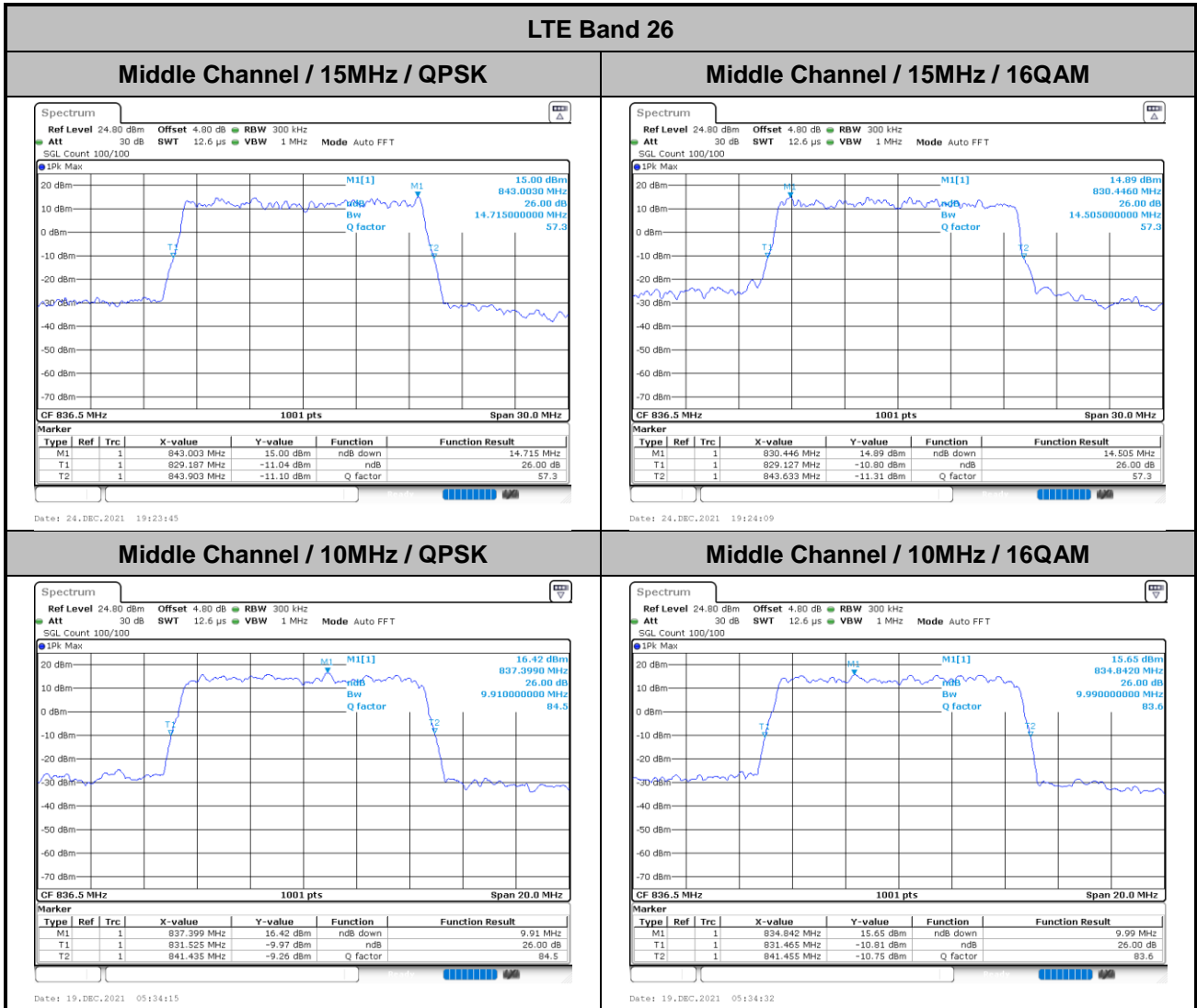
Middle Channel / Full RB/ 64QAM





26dB Bandwidth

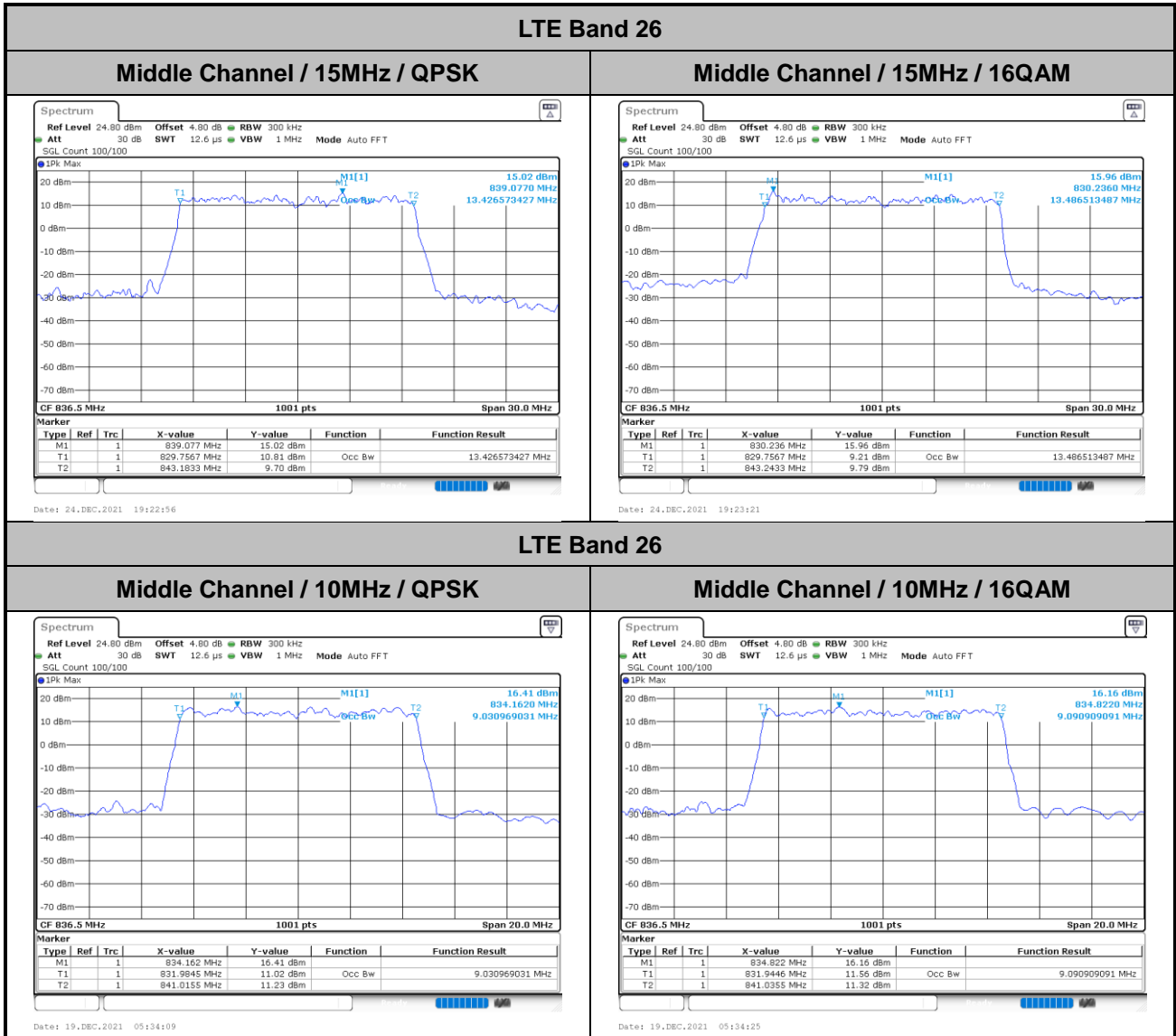
Mode	LTE Band 26 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.72	14.51
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.91	9.99





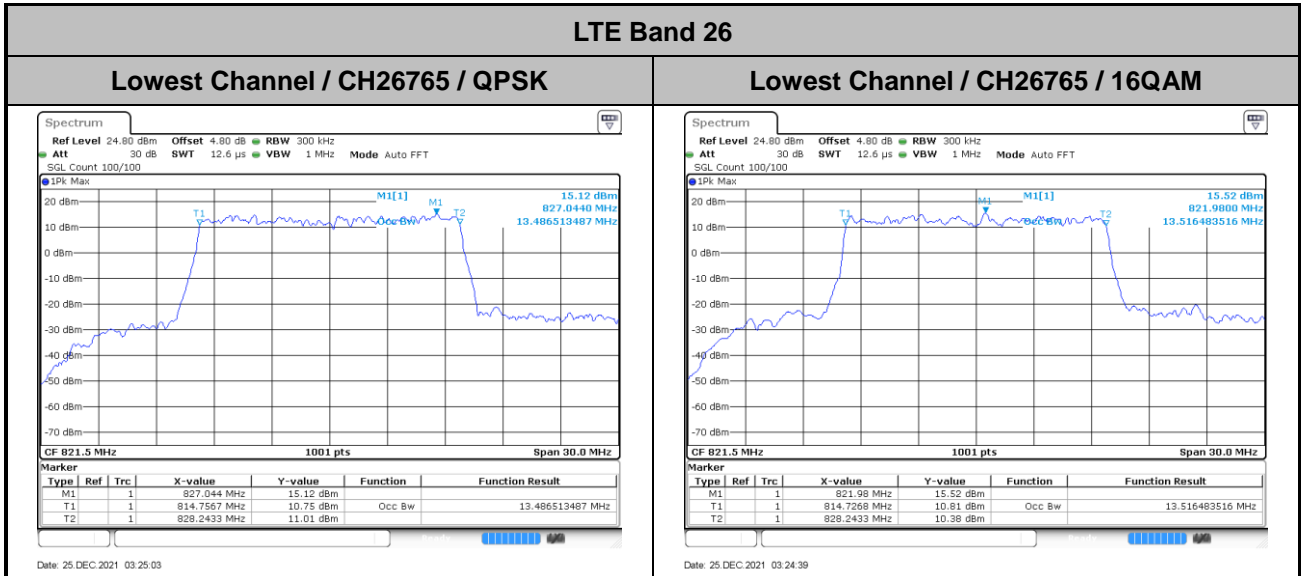
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.09



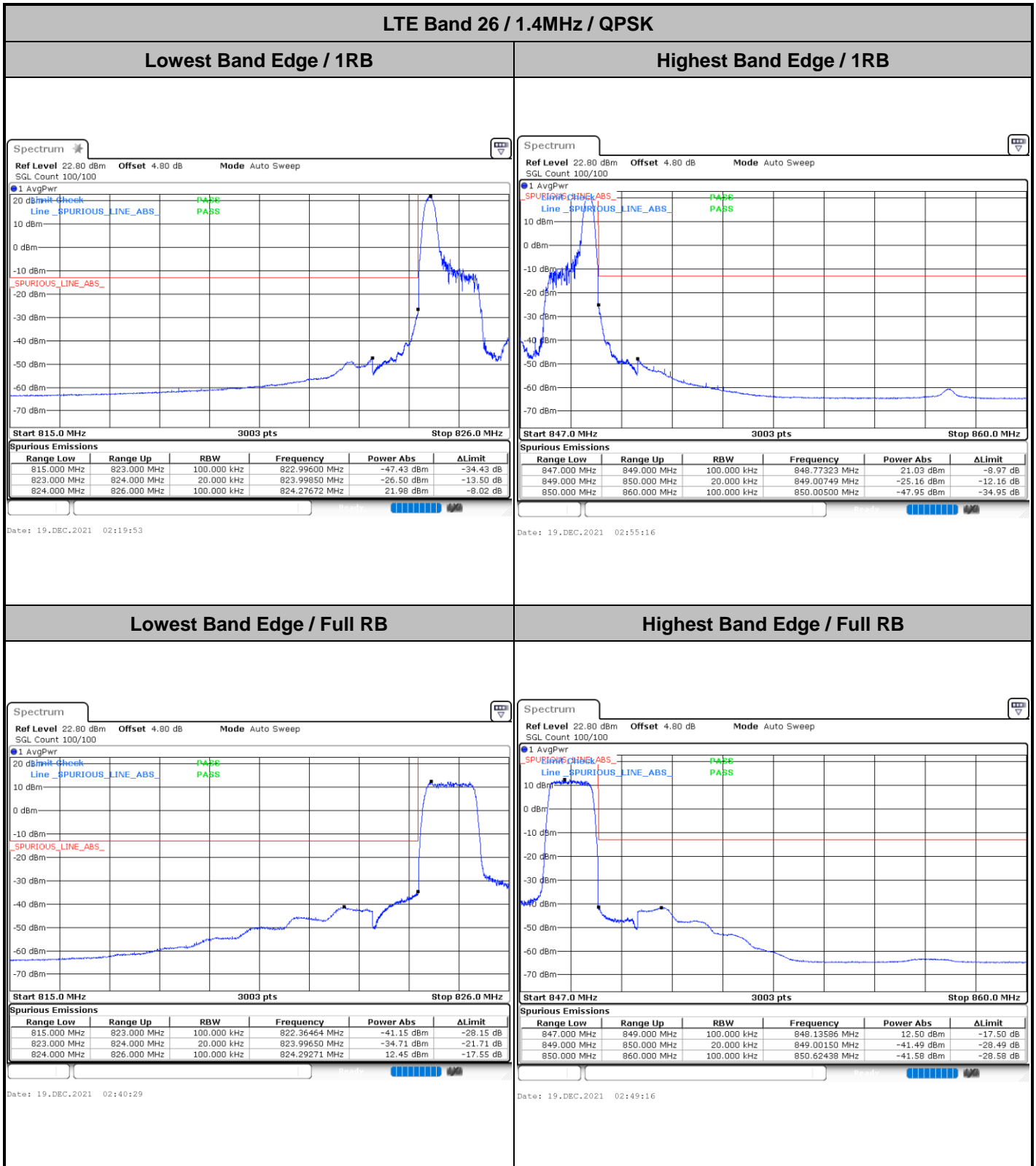


Mode	LTE Band 26 : 99%OBW(MHz)	
BW	CH26765	
Mod.	QPSK	16QAM
Low CH	13.49	13.52





Conducted Band Edge





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

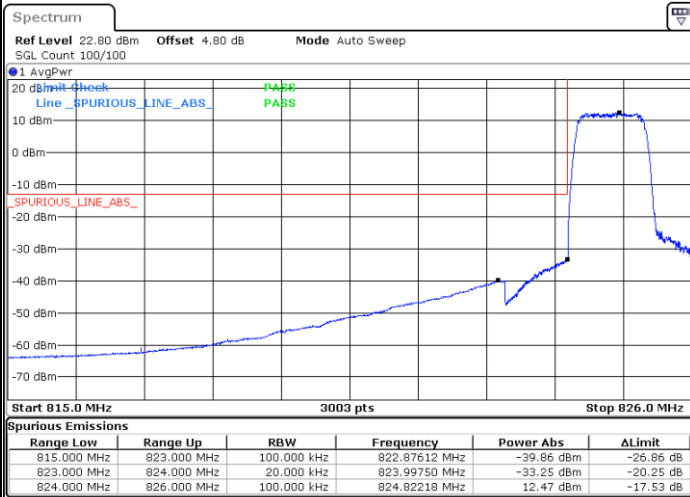


Date: 19.DEC.2021 02:25:31

Date: 19.DEC.2021 02:57:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



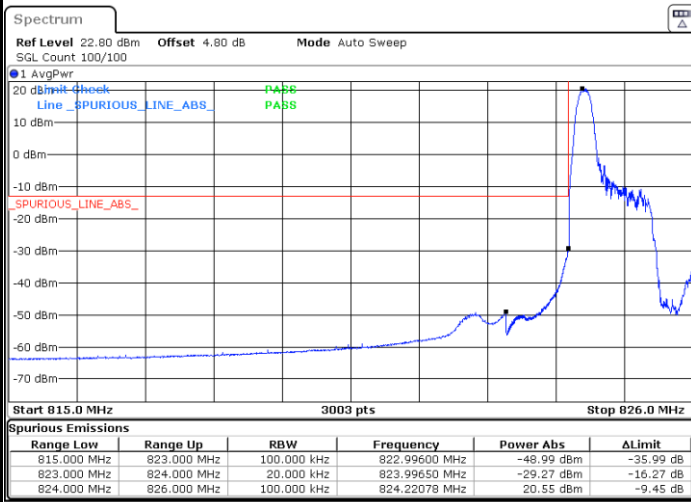
Date: 19.DEC.2021 02:35:32

Date: 19.DEC.2021 02:46:34



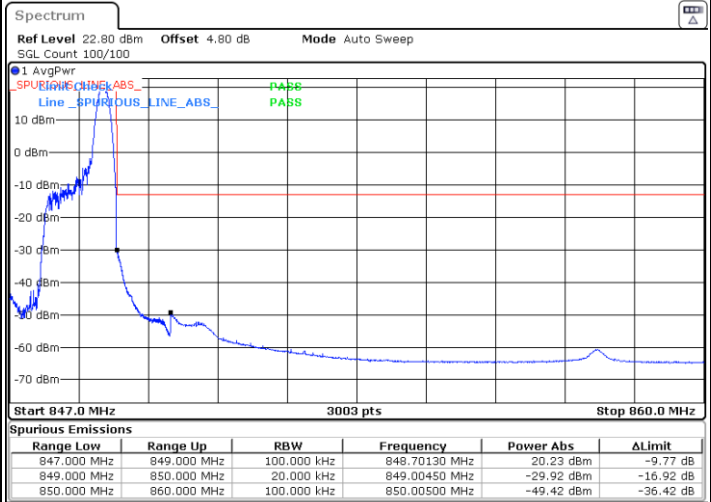
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



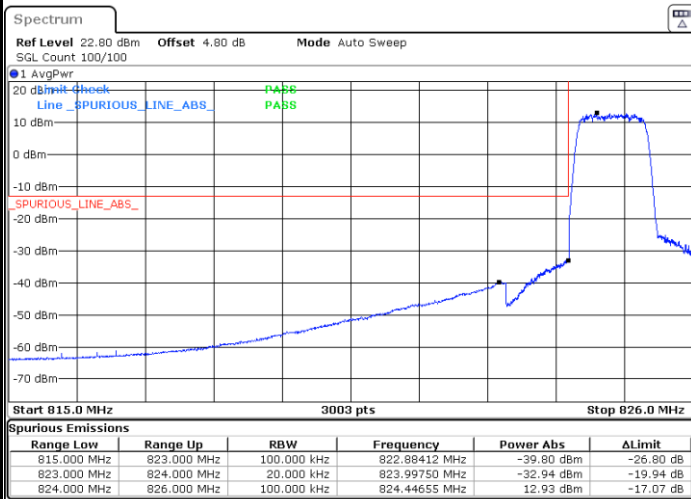
Date: 24.DEC.2021 18:09:18

Highest Band Edge / 1 RB



Date: 24.DEC.2021 18:13:22

Lowest Band Edge / Full RB



Date: 24.DEC.2021 18:11:01

Highest Band Edge / Full RB

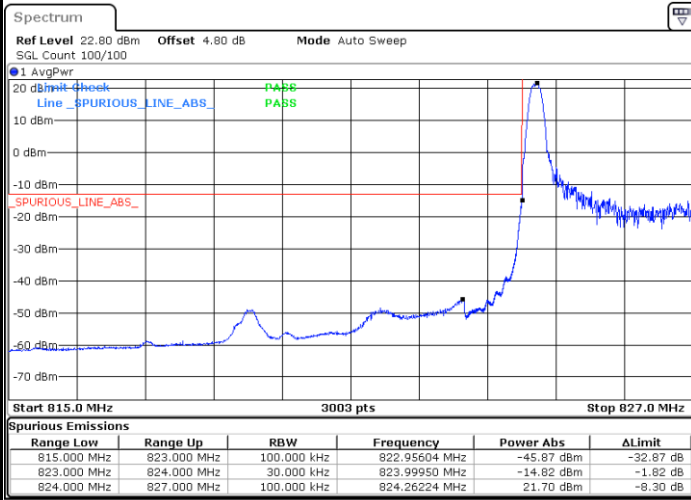


Date: 24.DEC.2021 18:15:05



LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



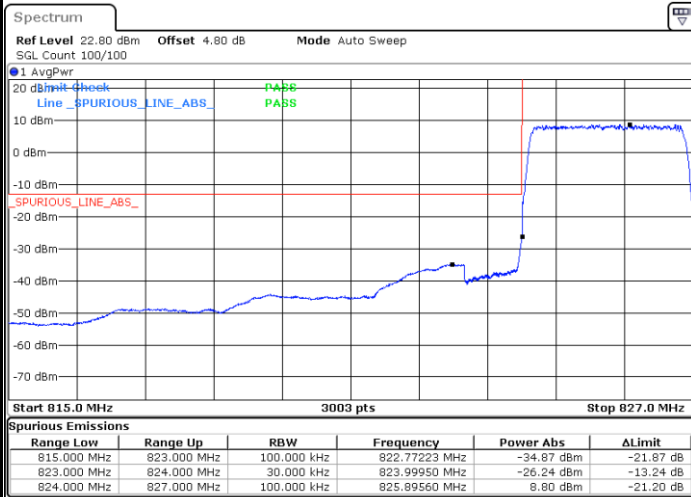
Date: 19.DEC.2021 03:12:32

Highest Band Edge / 1 RB



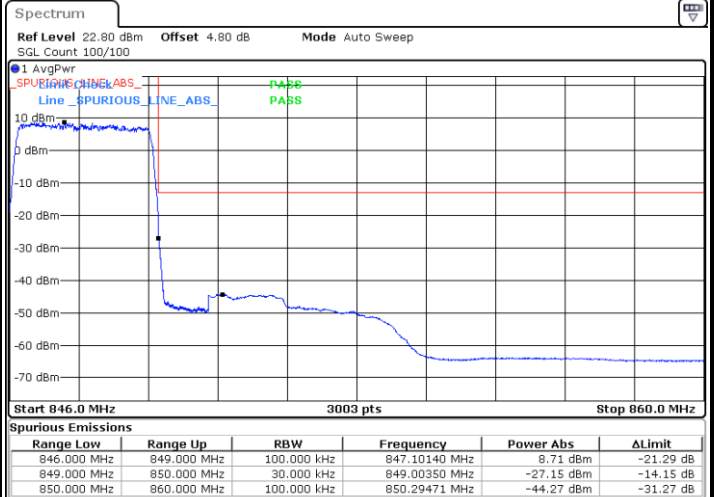
Date: 19.DEC.2021 03:14:09

Lowest Band Edge / Full RB



Date: 19.DEC.2021 03:04:55

Highest Band Edge / Full RB

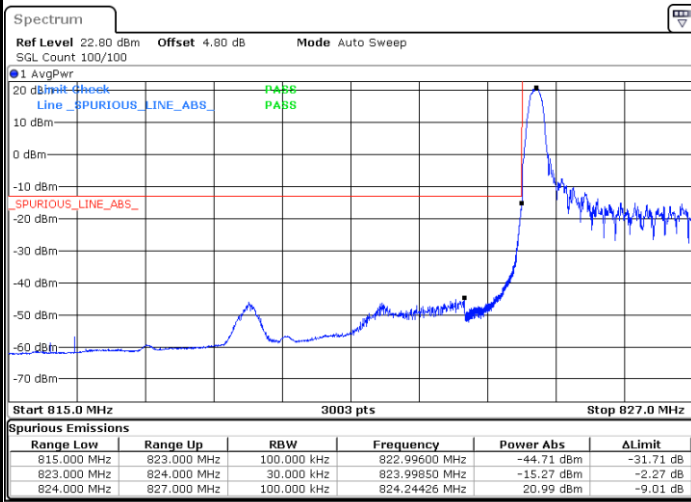


Date: 19.DEC.2021 03:20:23



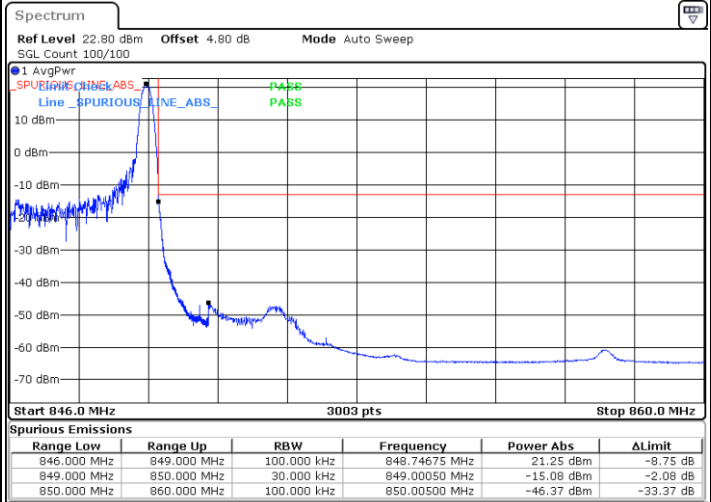
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



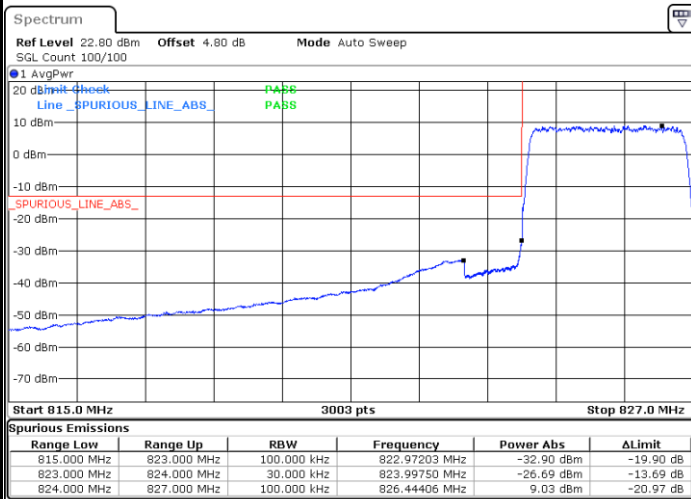
Date: 19.DEC.2021 03:11:37

Highest Band Edge / 1 RB



Date: 19.DEC.2021 03:15:25

Lowest Band Edge / Full RB



Date: 19.DEC.2021 03:06:34

Highest Band Edge / Full RB

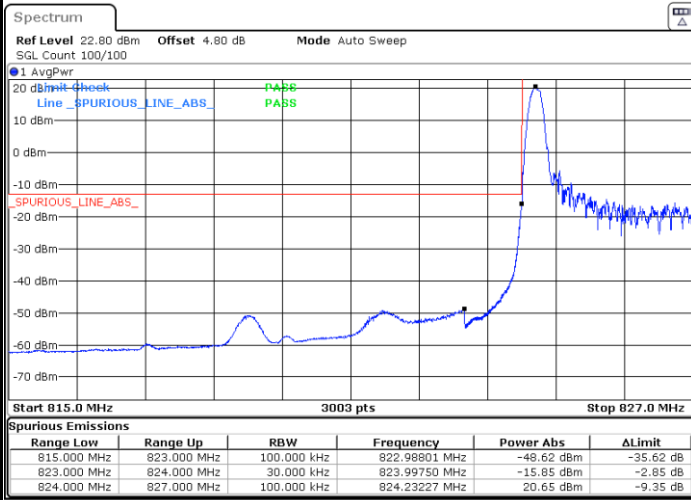


Date: 19.DEC.2021 03:21:42



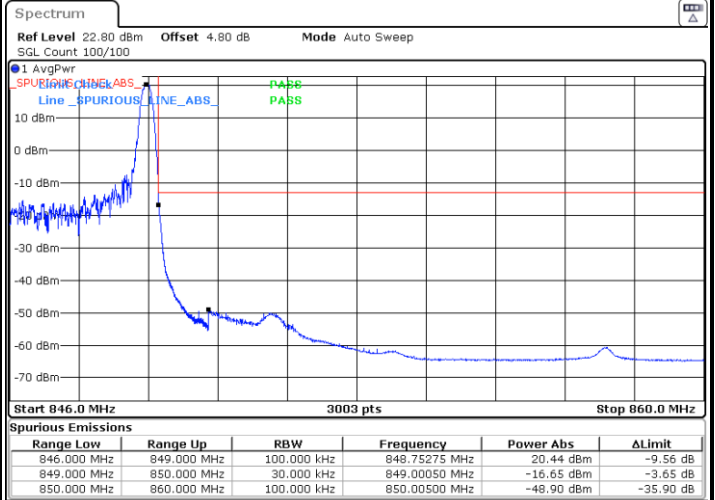
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



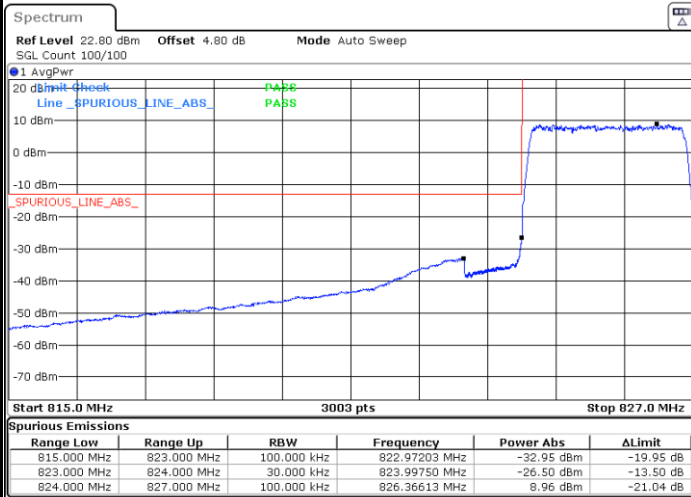
Date: 24.DEC.2021 18:16:48

Highest Band Edge / 1 RB



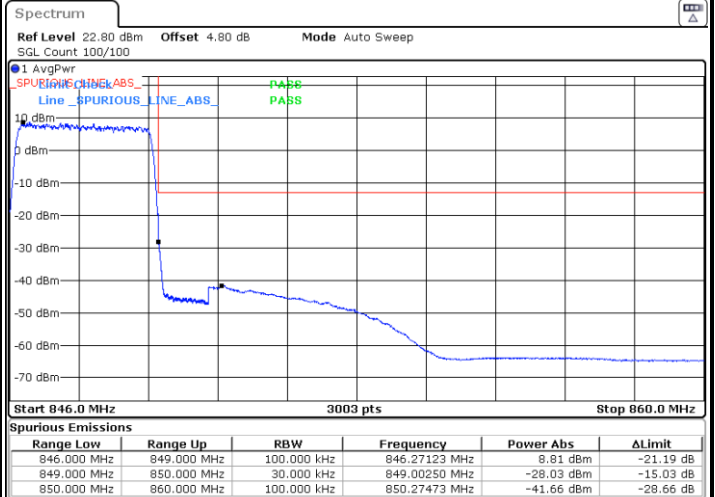
Date: 24.DEC.2021 18:20:14

Lowest Band Edge / Full RB



Date: 24.DEC.2021 18:18:31

Highest Band Edge / Full RB

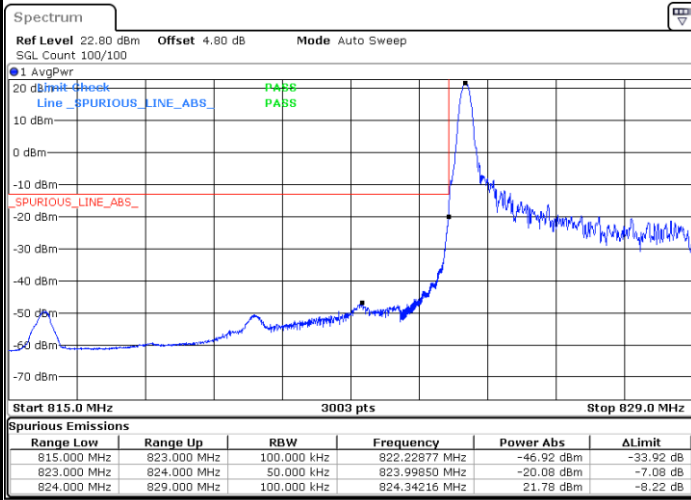


Date: 24.DEC.2021 18:21:57



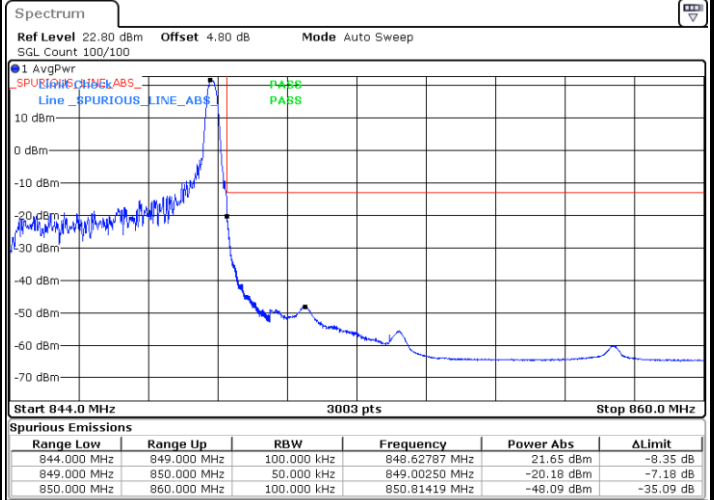
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



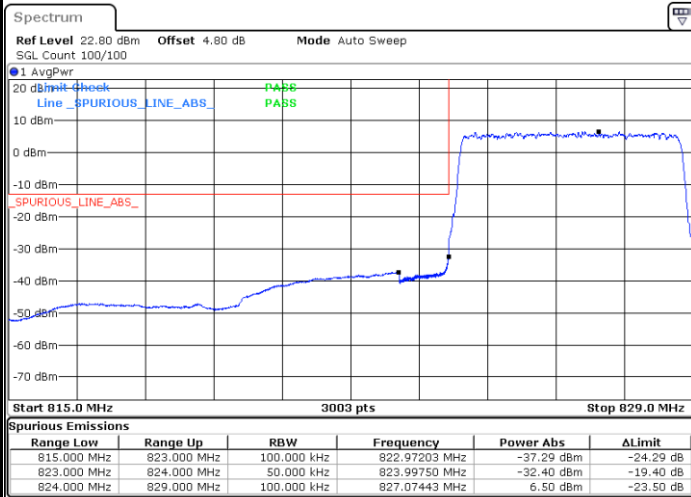
Date: 19.DEC.2021 03:38:18

Highest Band Edge / 1 RB



Date: 19.DEC.2021 03:45:41

Lowest Band Edge / Full RB



Date: 19.DEC.2021 03:31:00

Highest Band Edge / Full RB

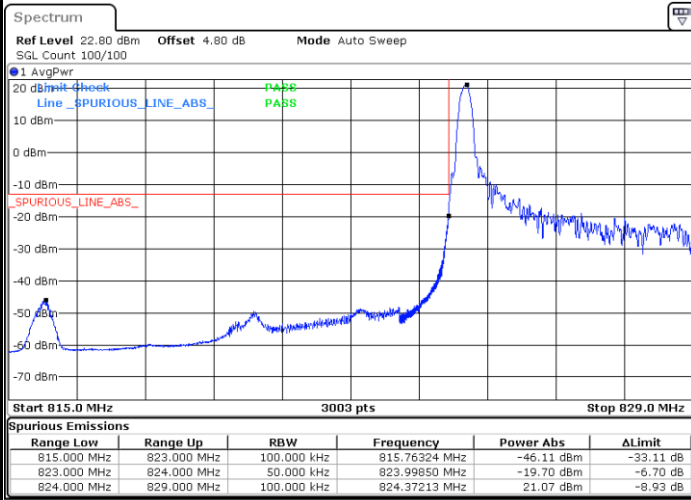


Date: 19.DEC.2021 03:40:12



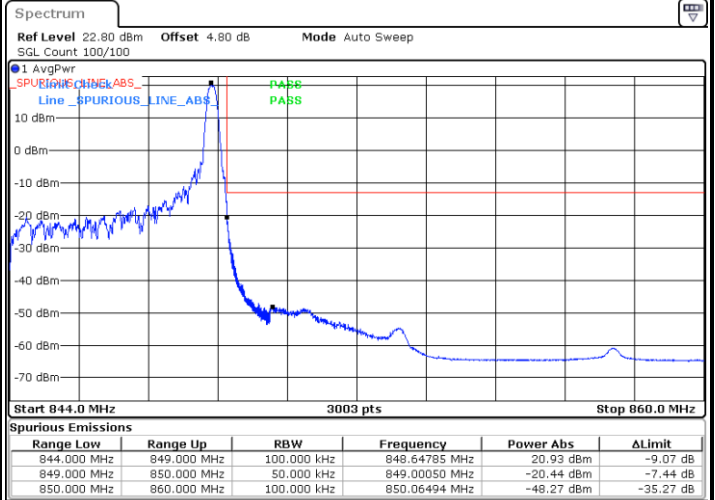
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



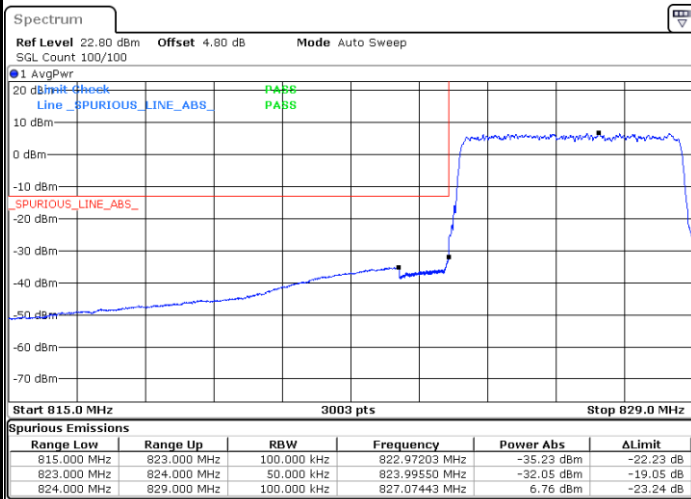
Date: 19.DEC.2021 03:37:21

Highest Band Edge / 1 RB



Date: 19.DEC.2021 03:44:21

Lowest Band Edge / Full RB



Date: 19.DEC.2021 03:31:54

Highest Band Edge / Full RB



Date: 19.DEC.2021 03:41:08