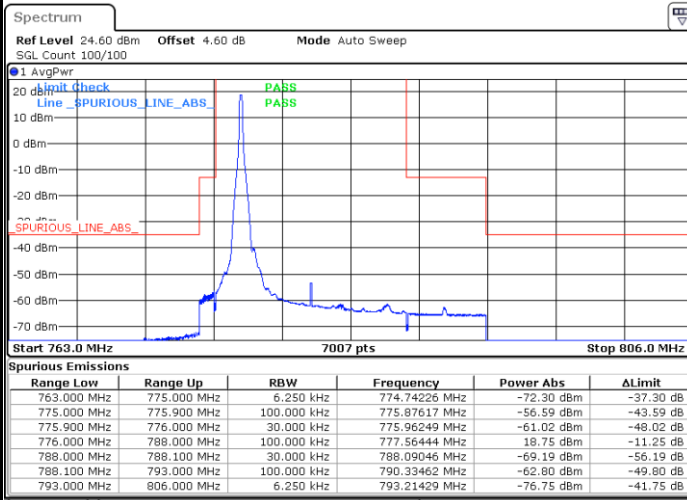




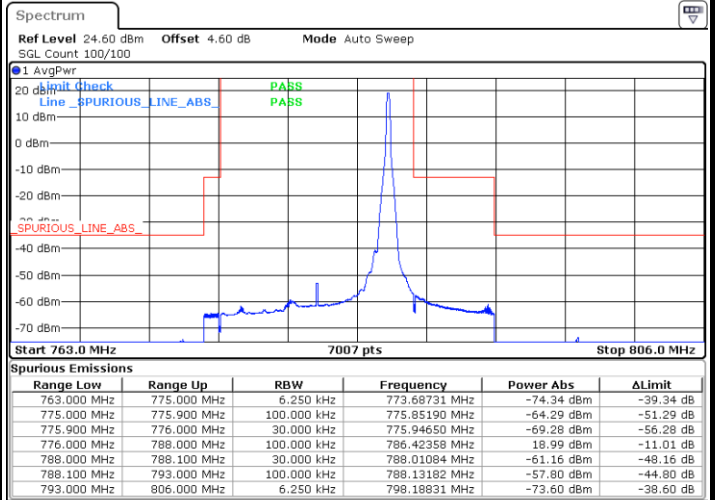
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



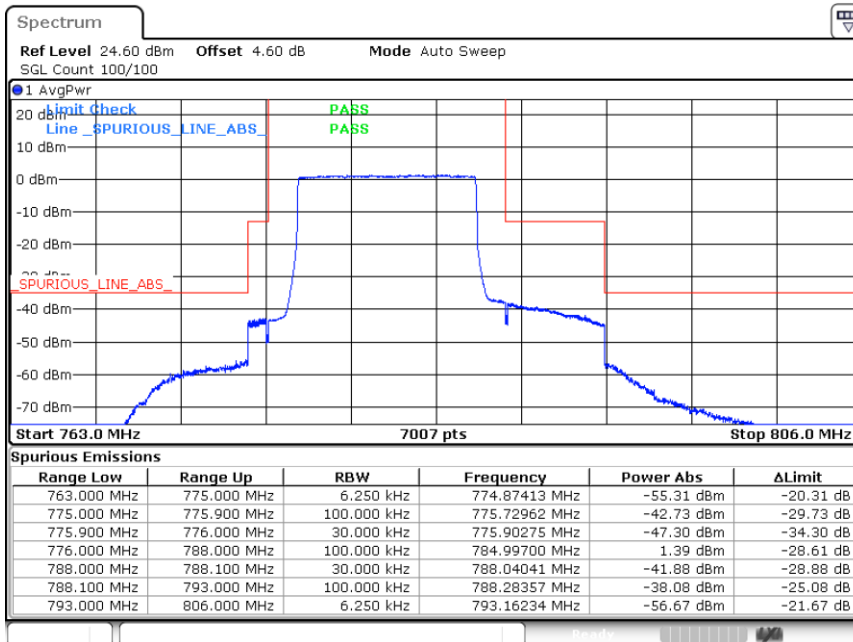
Date: 30.NOV.2021 13:27:13

middle Band Edge / 1 RB



Date: 30.NOV.2021 13:29:07

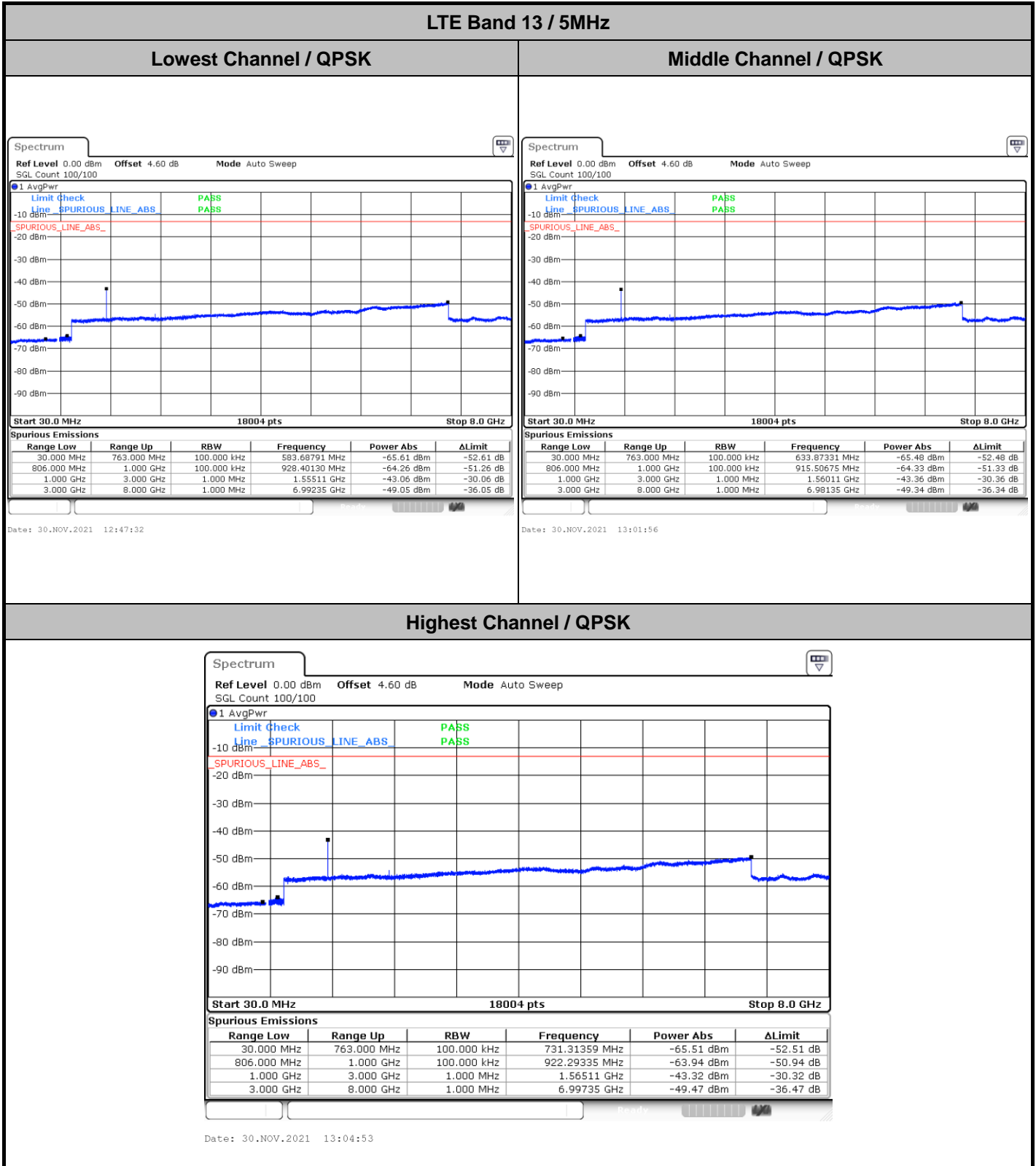
middle Band Edge / Full RB



Date: 30.NOV.2021 13:45:18



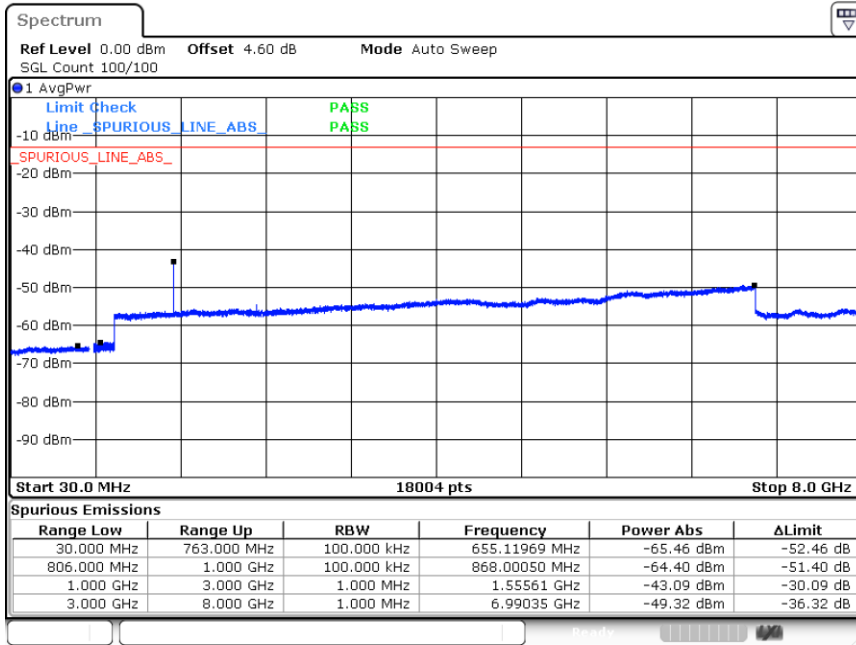
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 30.NOV.2021 13:21:40



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	0.0003	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

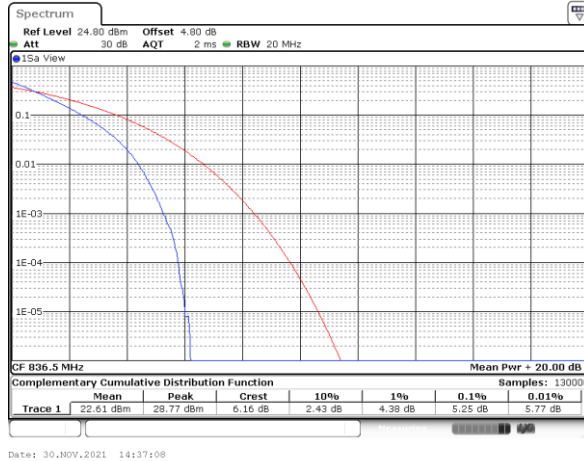
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.25	6.09	6.64	PASS

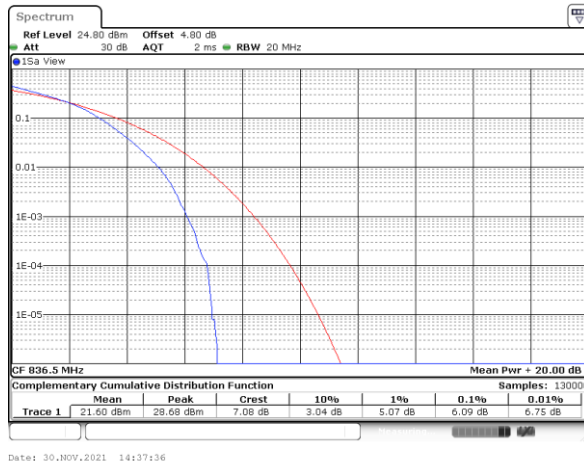


LTE Band 26 / 15MHz

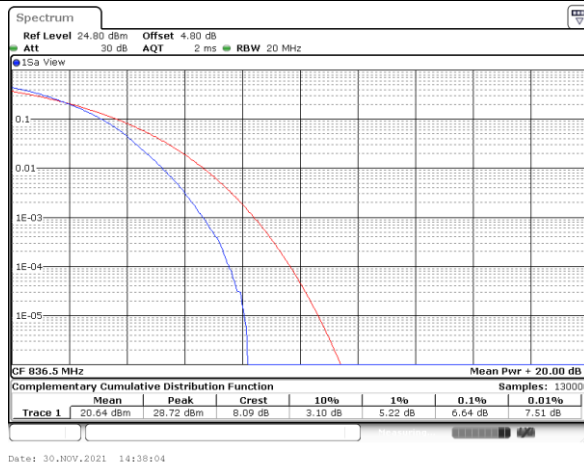
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



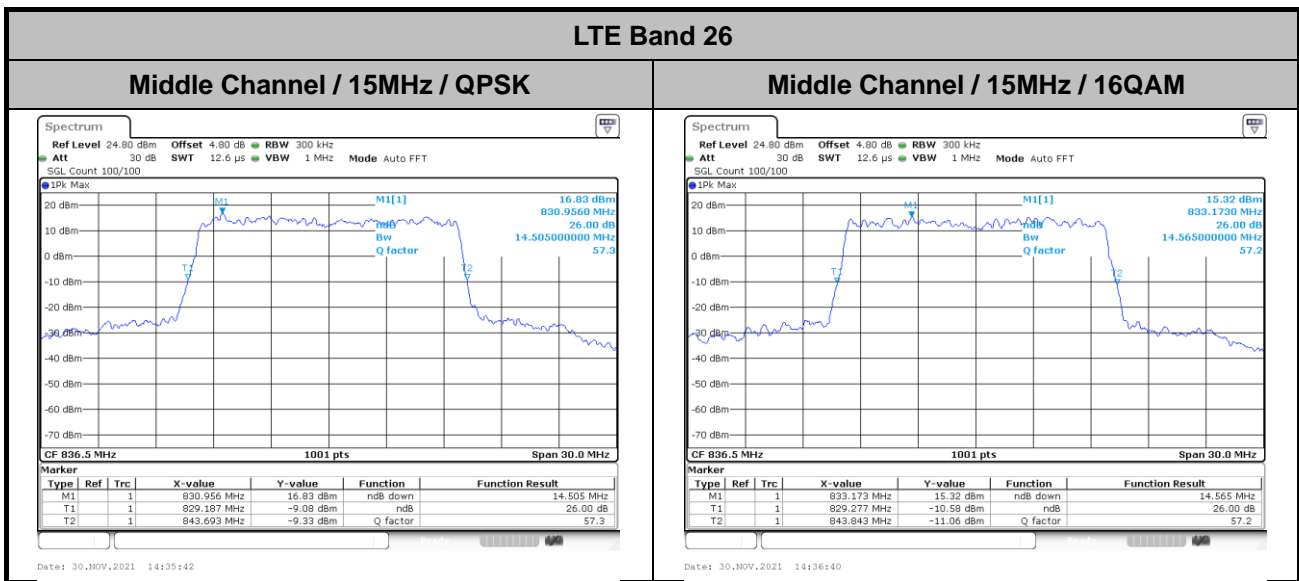
Middle Channel / Full RB/ 64QAM





26dB Bandwidth

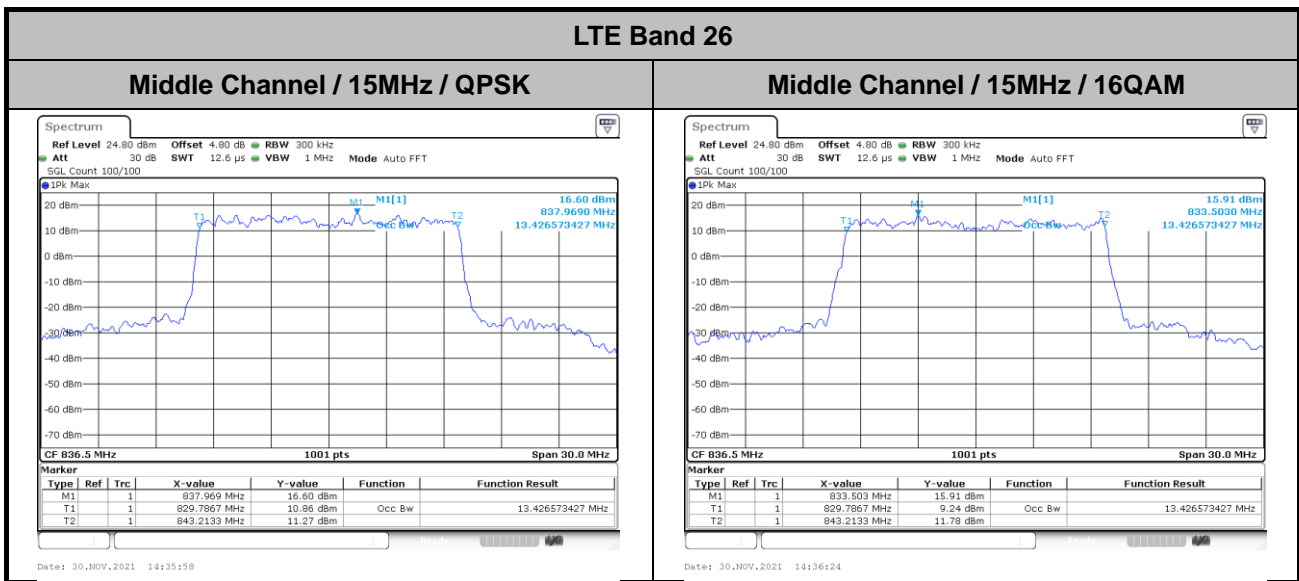
Mode	LTE Band 26 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.51	14.57





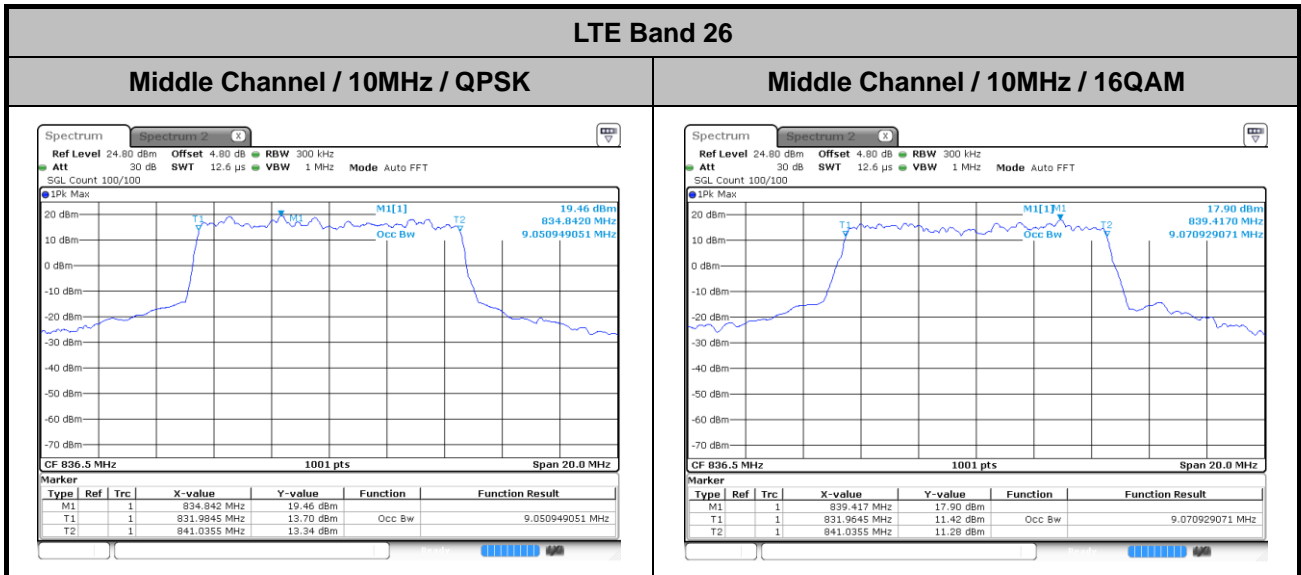
Occupied Bandwidth

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



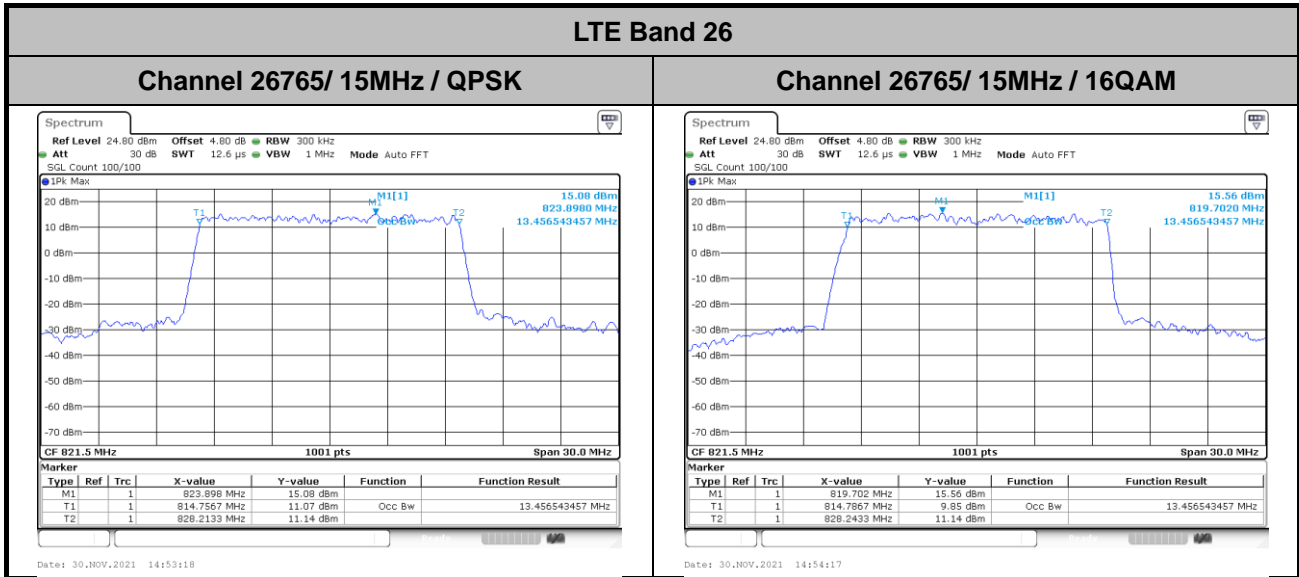


Mode	LTE Band 26 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.07





Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
CH26765	13.46	13.46

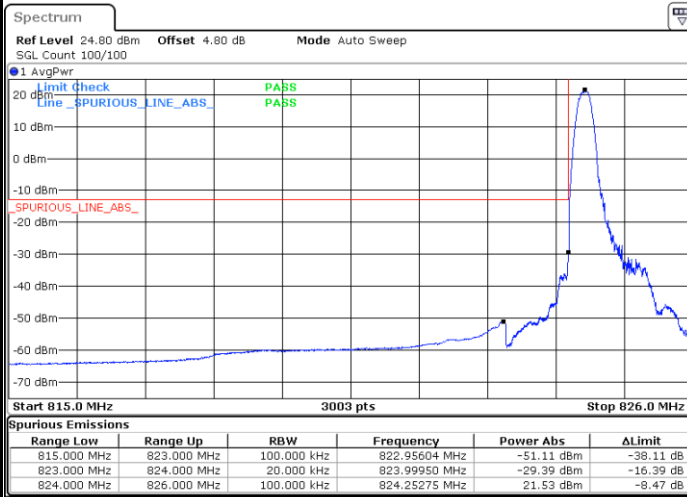




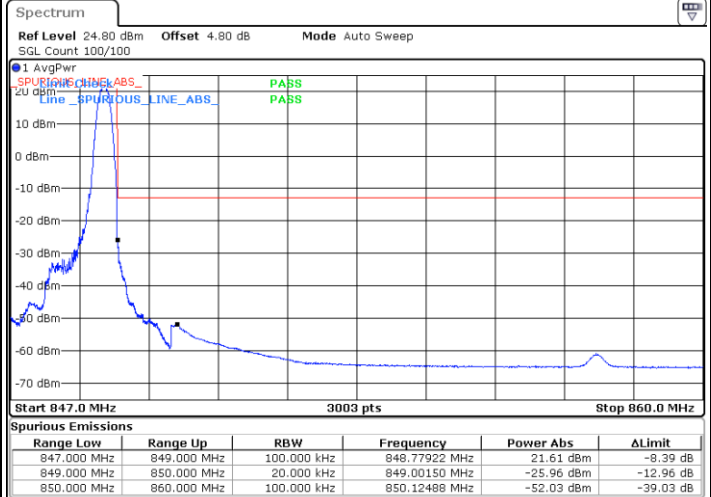
Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

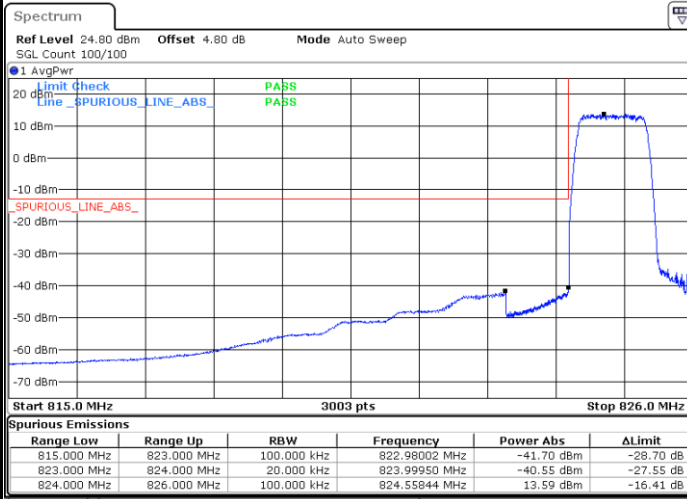
Lowest Band Edge / 1RB



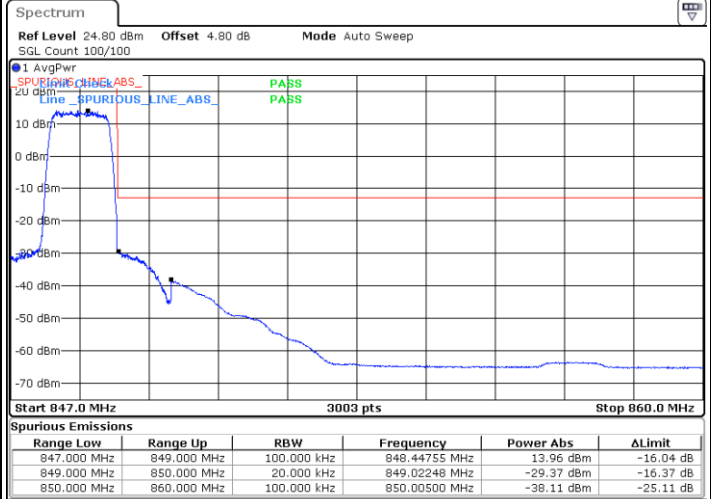
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



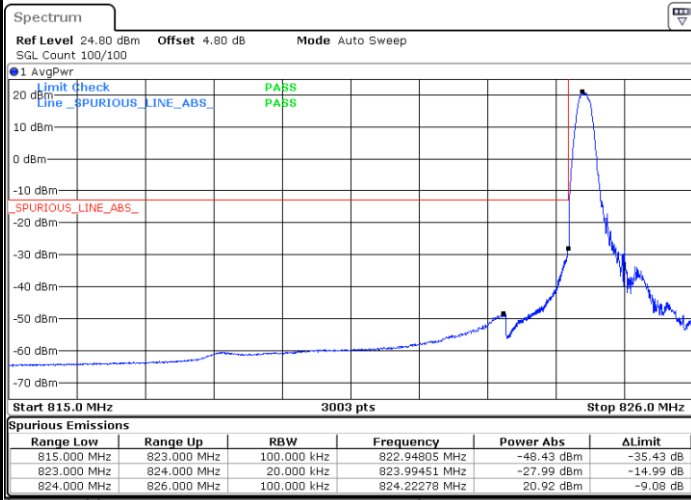
Highest Band Edge / Full RB





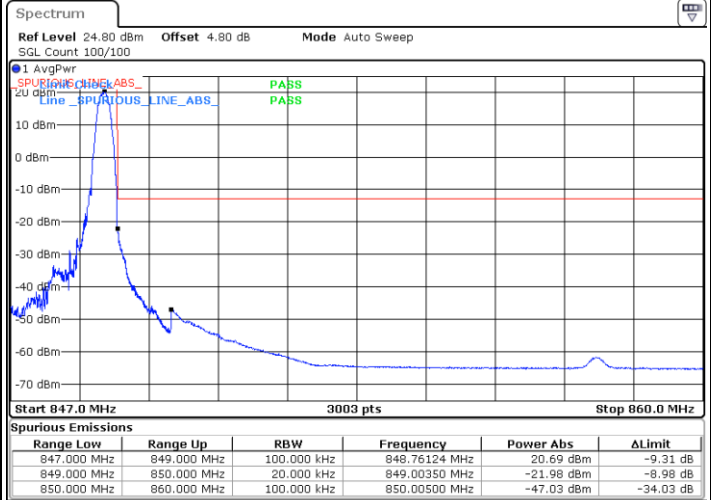
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



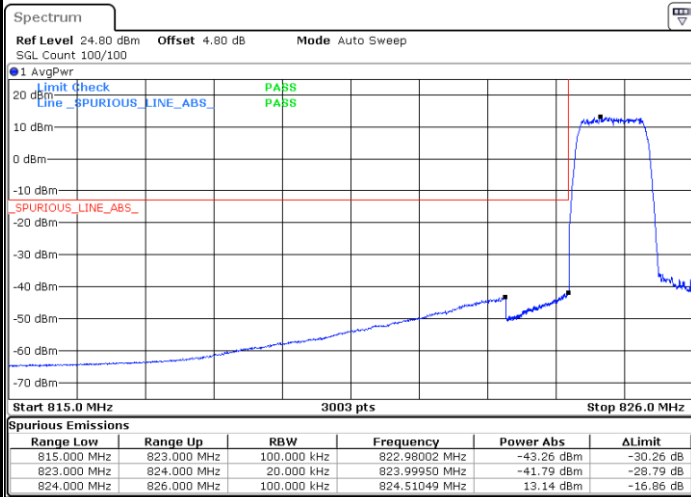
Date: 30.NOV.2021 14:17:51

Highest Band Edge / 1 RB



Date: 30.NOV.2021 14:28:18

Lowest Band Edge / Full RB



Date: 30.NOV.2021 14:23:04

Highest Band Edge / Full RB



Date: 30.NOV.2021 14:33:30



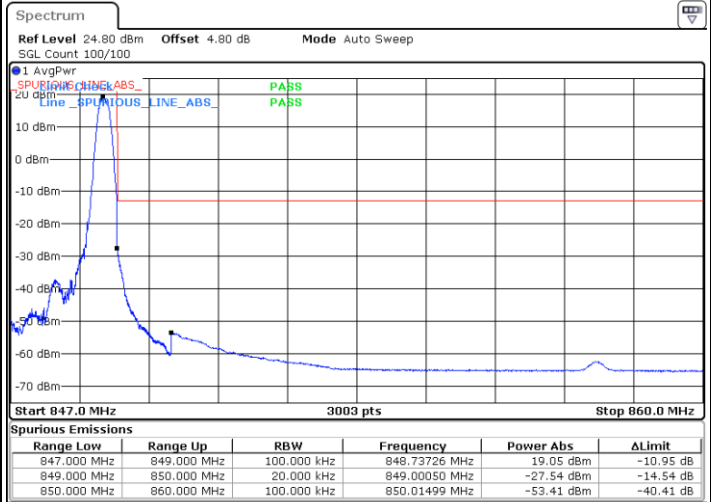
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



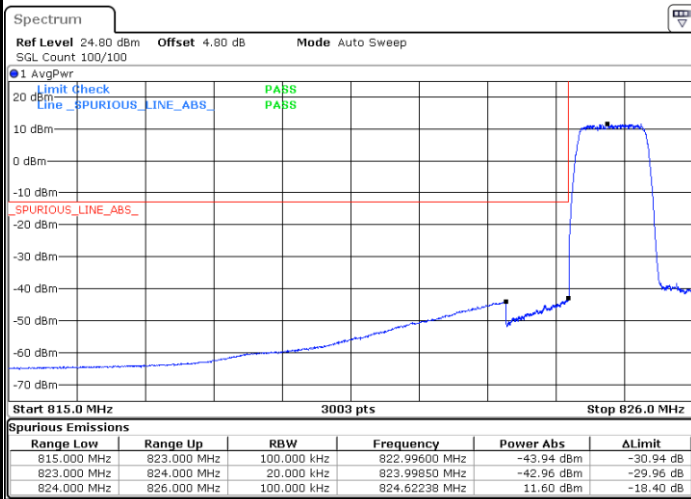
Date: 30.NOV.2021 14:19:35

Highest Band Edge / 1 RB



Date: 30.NOV.2021 14:30:02

Lowest Band Edge / Full RB



Date: 30.NOV.2021 14:21:20

Highest Band Edge / Full RB

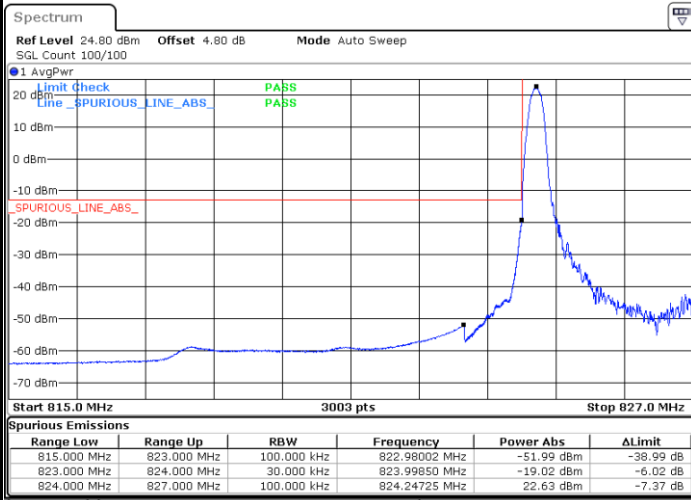


Date: 30.NOV.2021 14:31:46



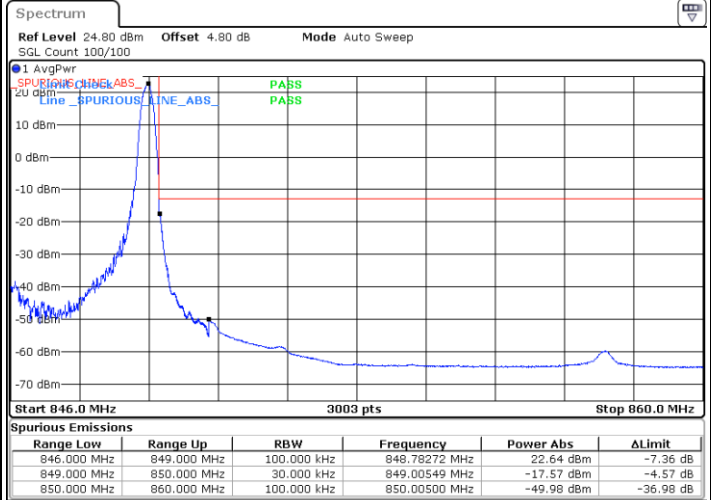
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



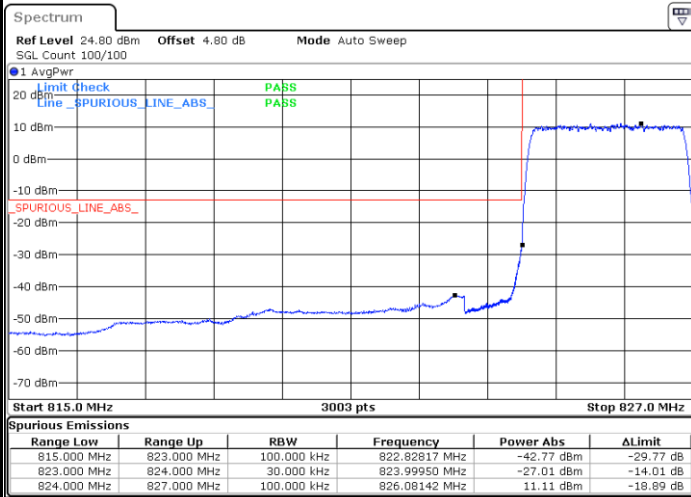
Date: 29.NOV.2021 14:59:16

Highest Band Edge / 1 RB



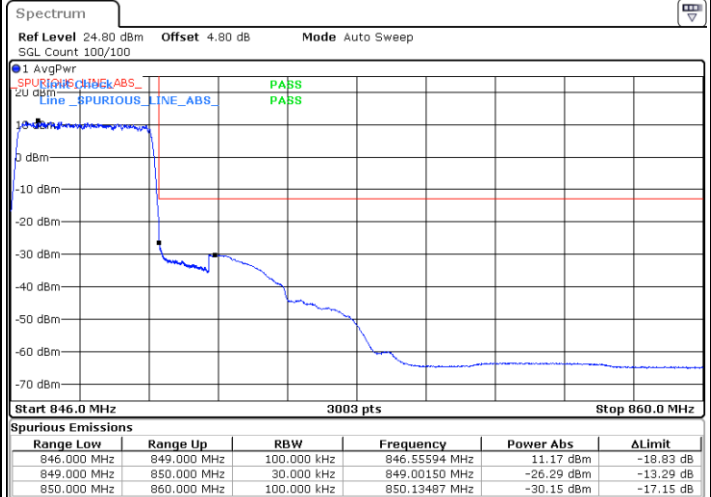
Date: 29.NOV.2021 15:00:40

Lowest Band Edge / Full RB



Date: 29.NOV.2021 14:55:07

Highest Band Edge / Full RB

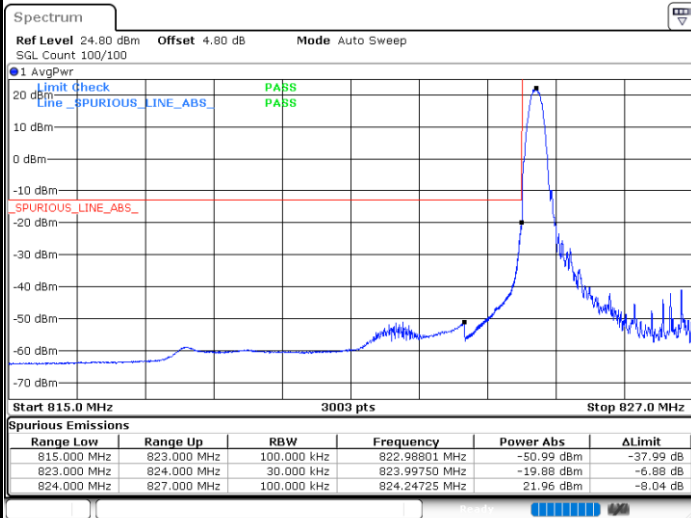


Date: 29.NOV.2021 15:04:50



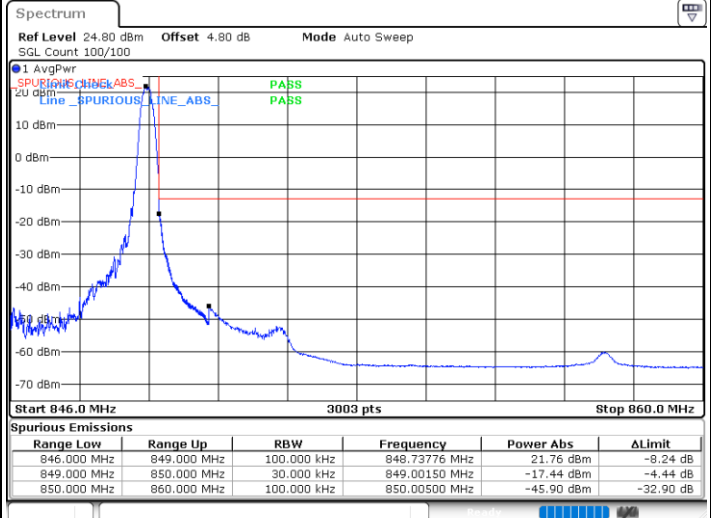
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



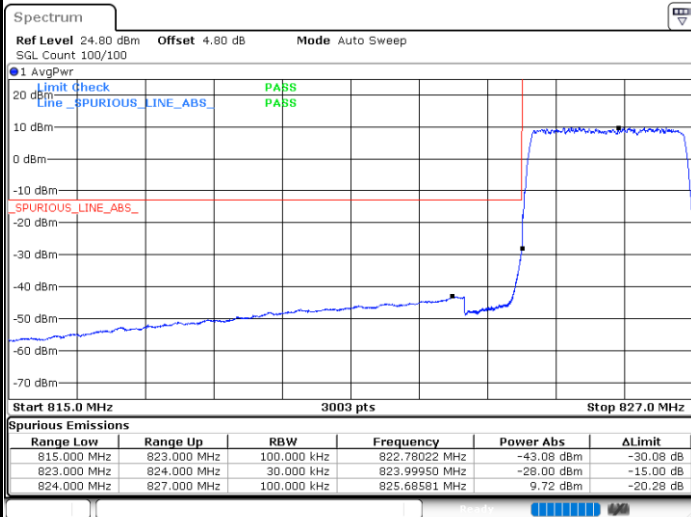
Date: 29.NOV.2021 14:57:53

Highest Band Edge / 1 RB



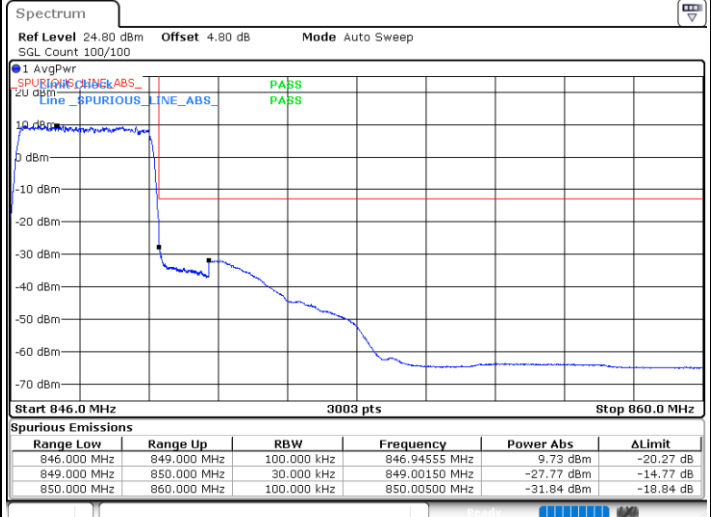
Date: 29.NOV.2021 15:02:03

Lowest Band Edge / Full RB



Date: 29.NOV.2021 14:56:30

Highest Band Edge / Full RB

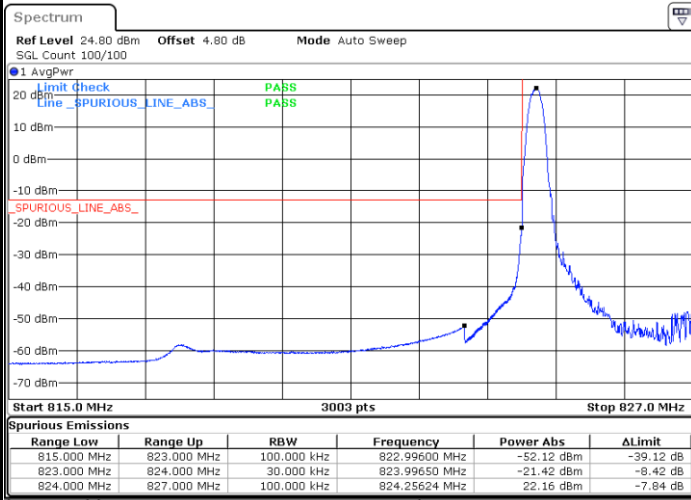


Date: 29.NOV.2021 15:03:27



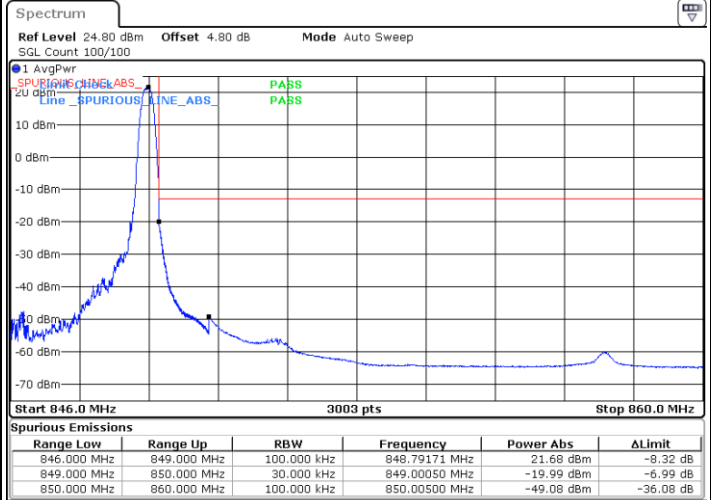
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



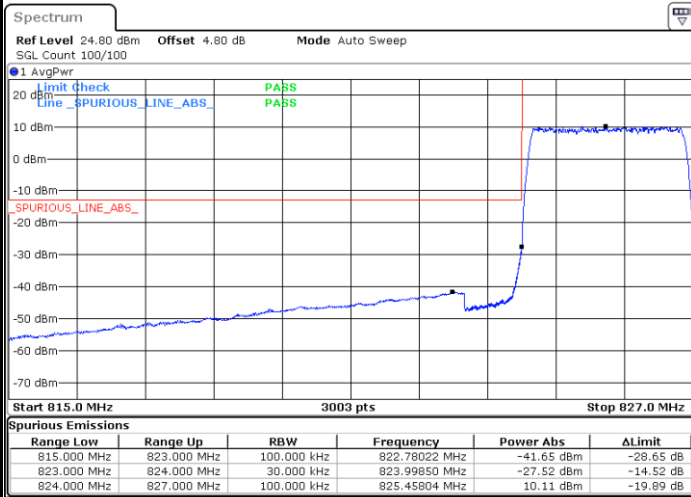
Date: 29.NOV.2021 15:47:27

Highest Band Edge / 1 RB



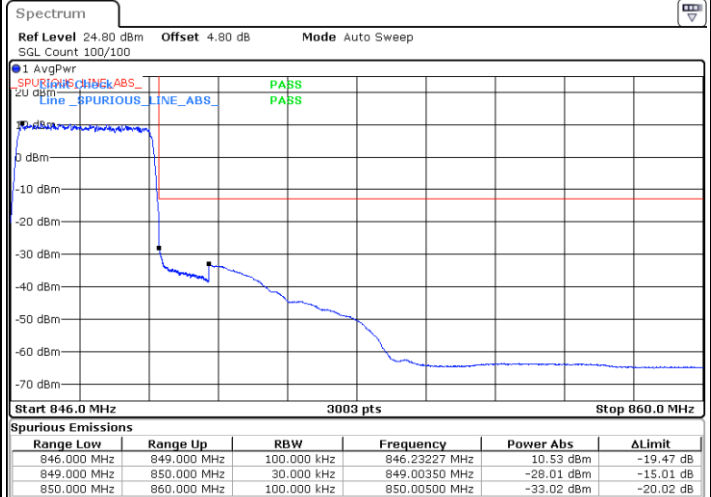
Date: 29.NOV.2021 15:48:50

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:46:04

Highest Band Edge / Full RB

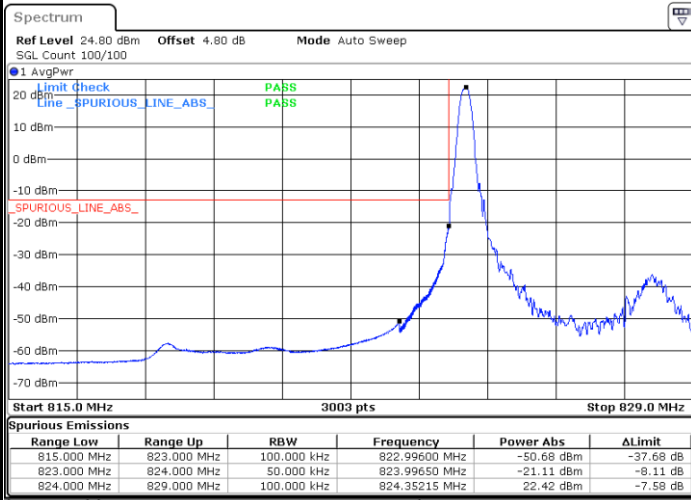


Date: 29.NOV.2021 15:50:13



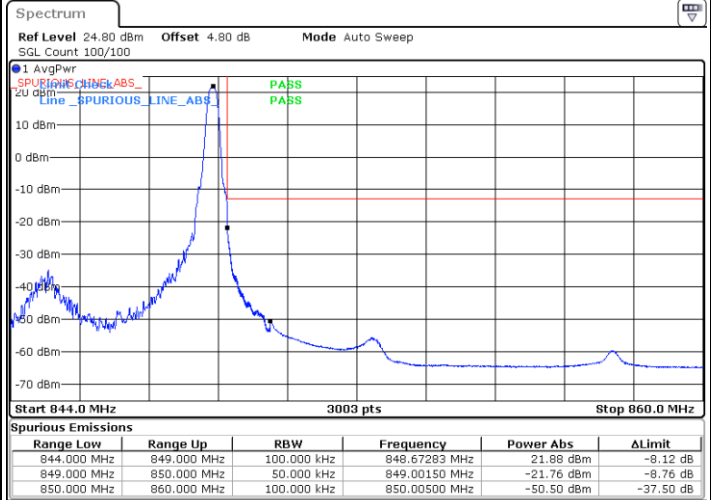
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



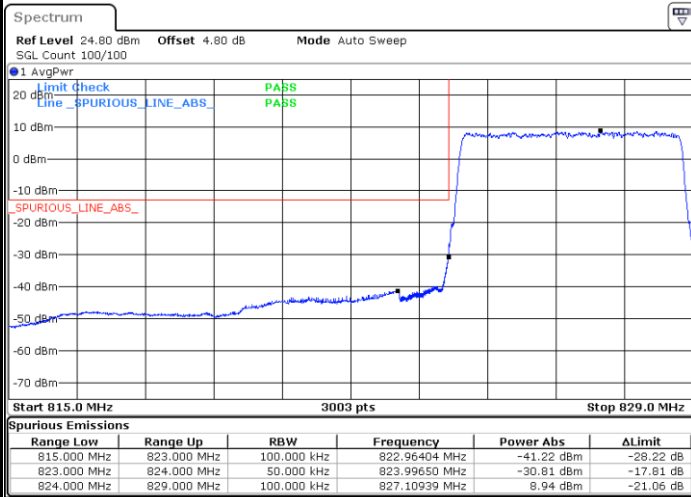
Date: 29.NOV.2021 15:10:23

Highest Band Edge / 1 RB



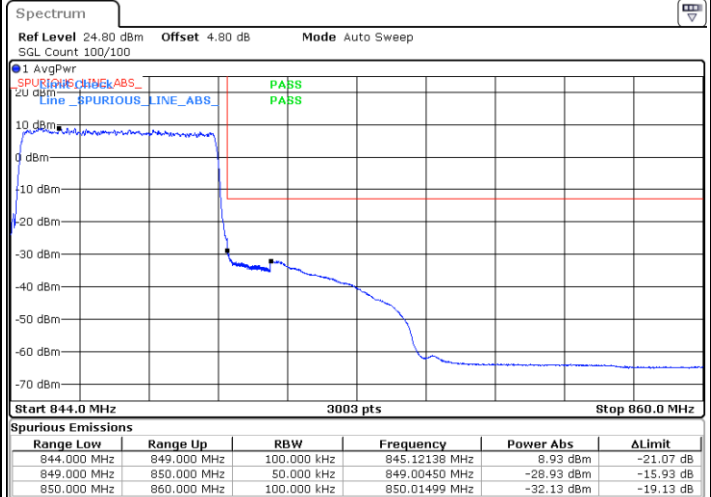
Date: 29.NOV.2021 15:11:47

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:06:14

Highest Band Edge / Full RB

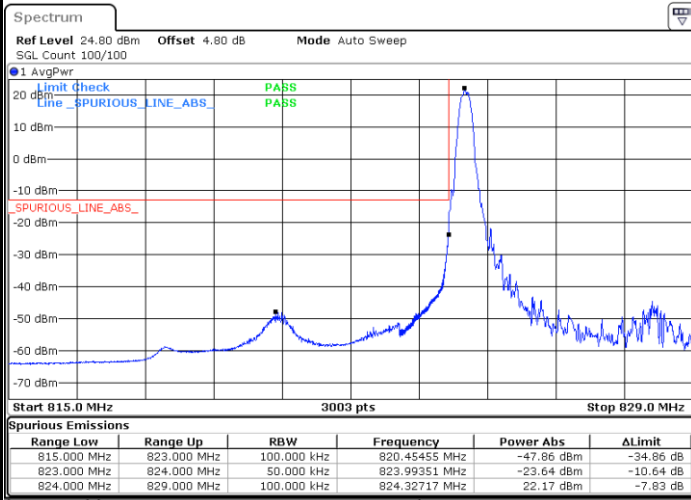


Date: 29.NOV.2021 15:15:56



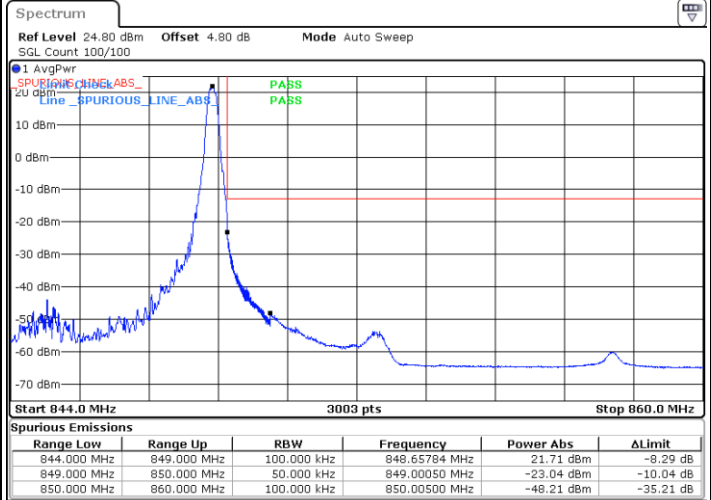
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



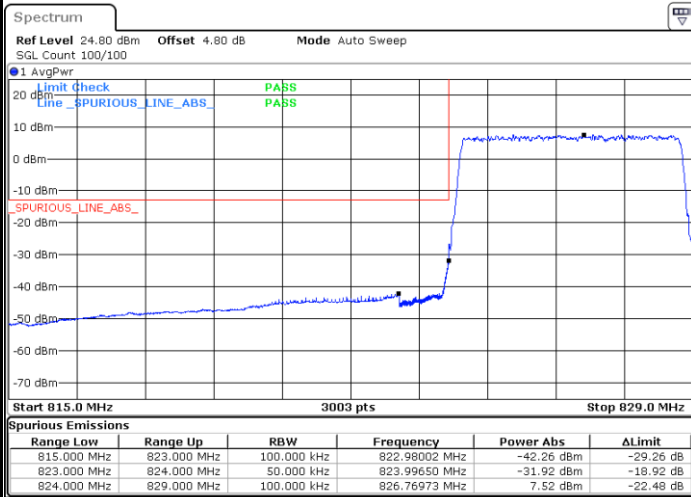
Date: 29.NOV.2021 15:09:00

Highest Band Edge / 1 RB



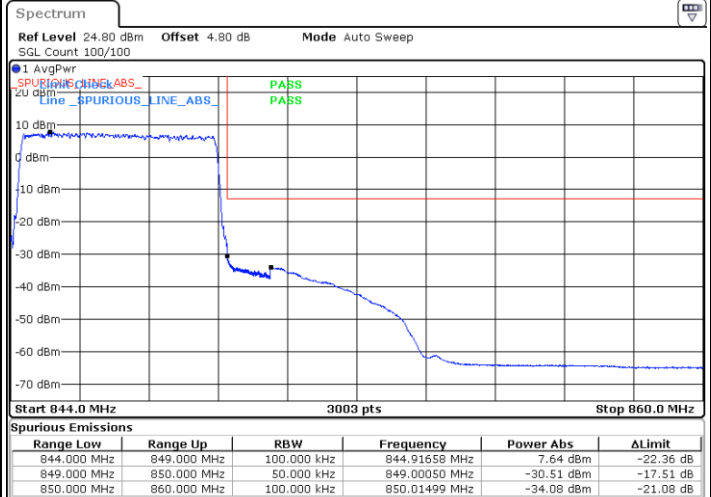
Date: 29.NOV.2021 15:13:10

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:07:37

Highest Band Edge / Full RB

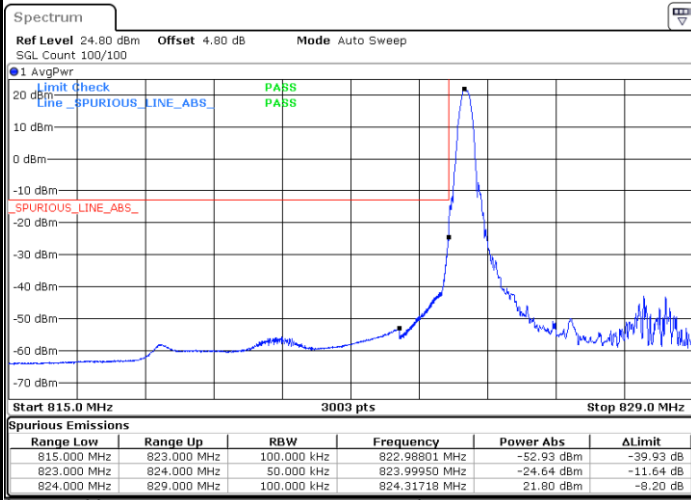


Date: 29.NOV.2021 15:14:33



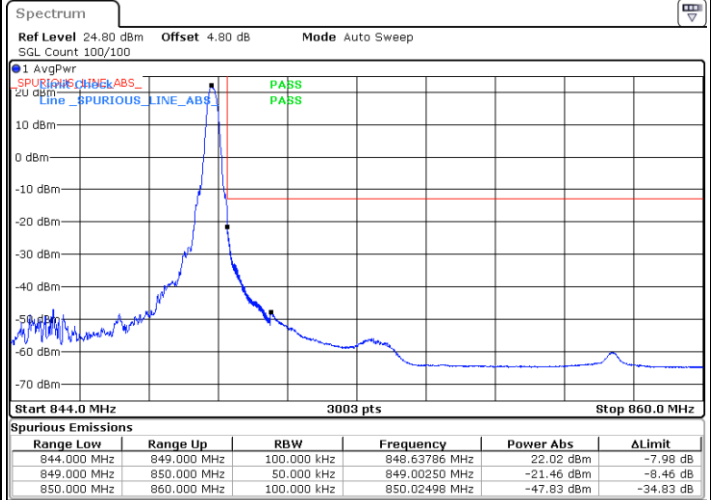
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



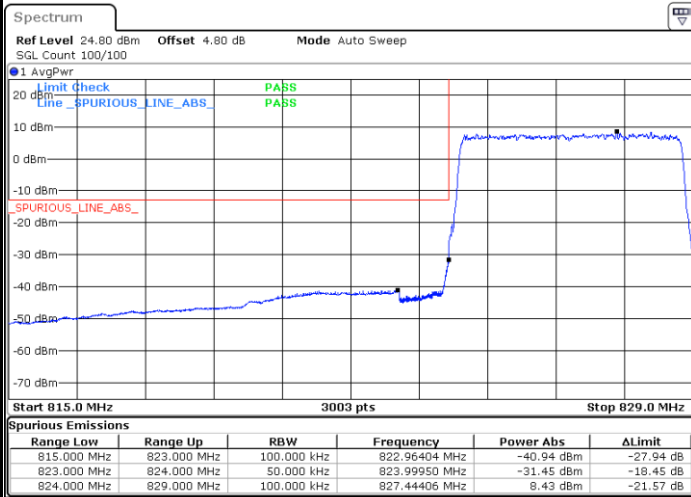
Date: 29.NOV.2021 15:53:00

Highest Band Edge / 1 RB



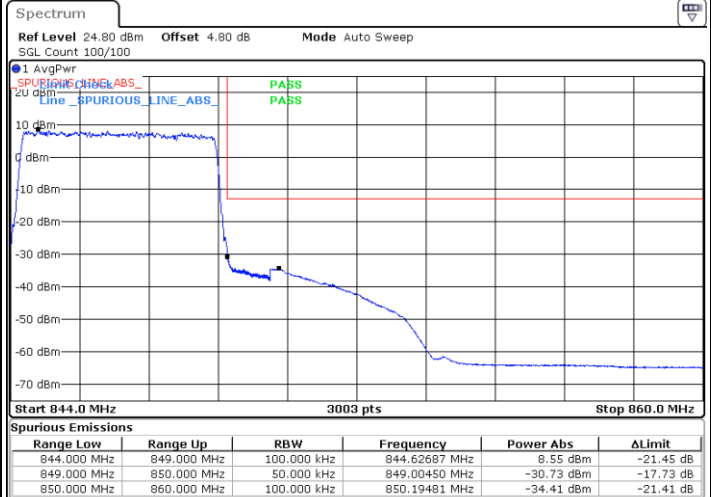
Date: 29.NOV.2021 15:54:23

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:51:37

Highest Band Edge / Full RB

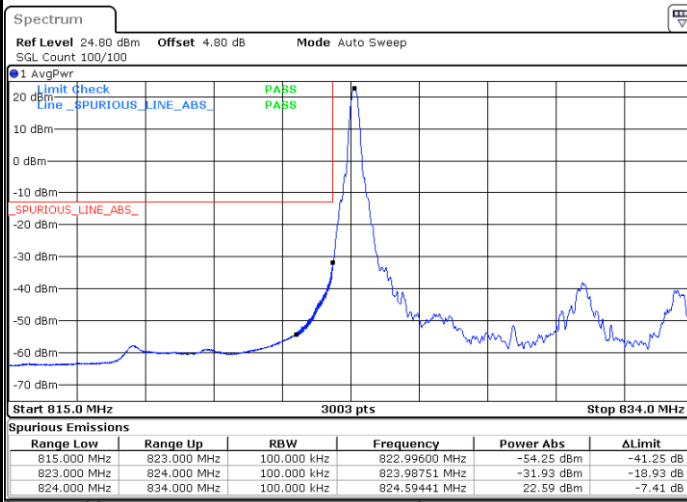


Date: 29.NOV.2021 15:55:47



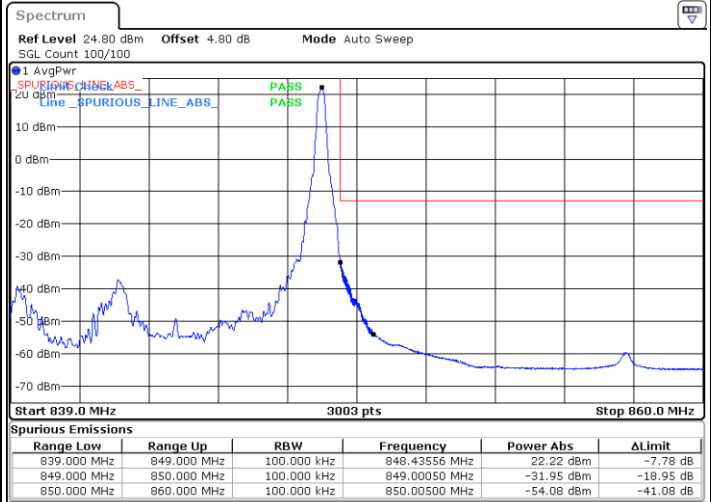
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



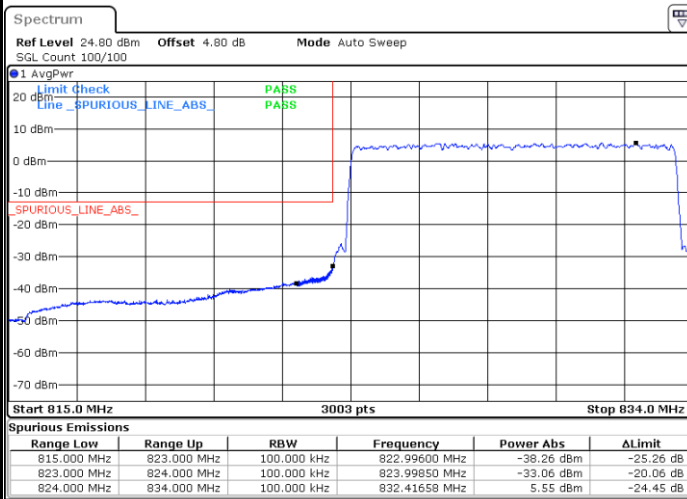
Date: 29.NOV.2021 15:21:30

Highest Band Edge / 1 RB



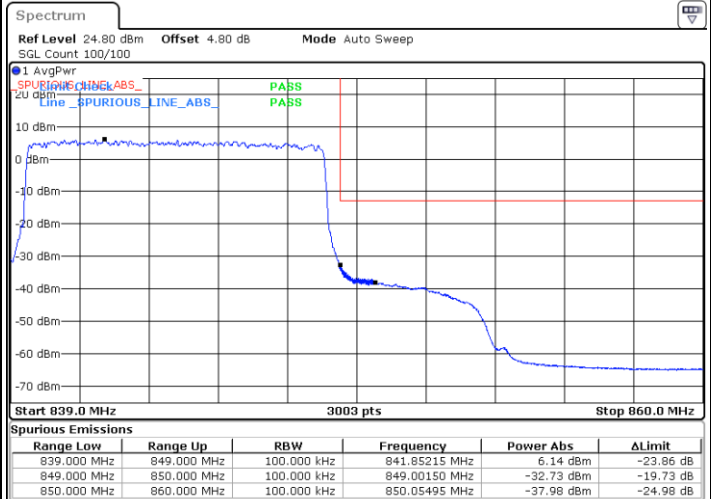
Date: 29.NOV.2021 15:22:54

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:17:20

Highest Band Edge / Full RB

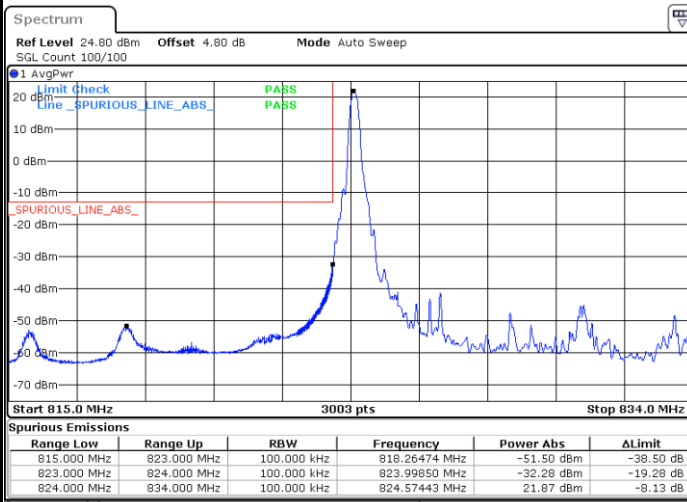


Date: 29.NOV.2021 15:27:04



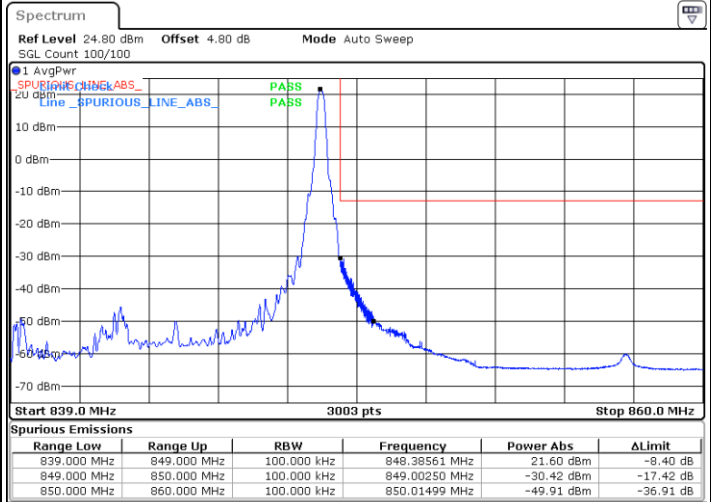
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



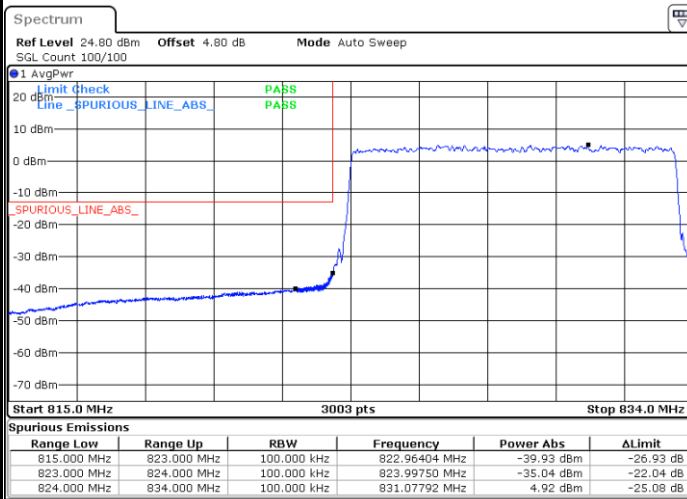
Date: 29.NOV.2021 15:20:07

Highest Band Edge / 1 RB



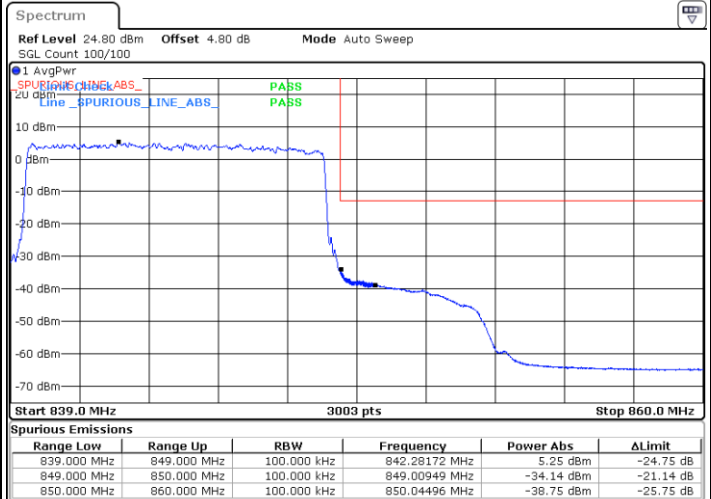
Date: 29.NOV.2021 15:24:17

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:18:43

Highest Band Edge / Full RB

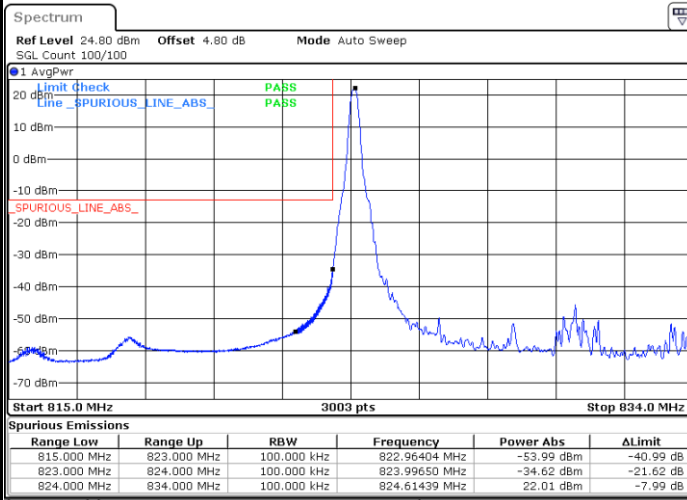


Date: 29.NOV.2021 15:25:41



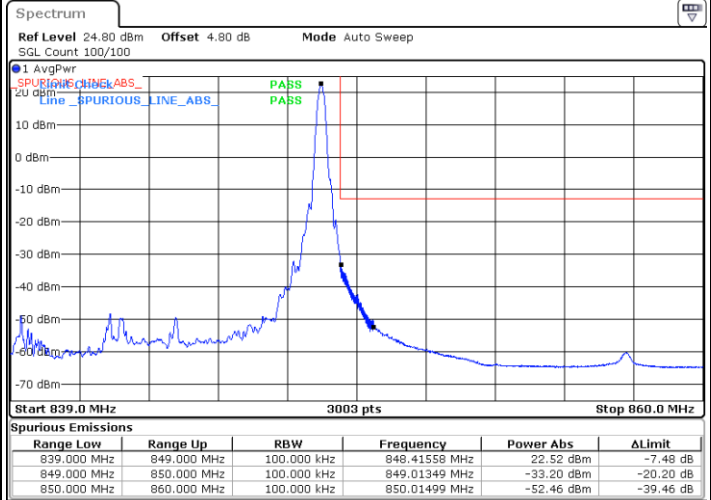
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



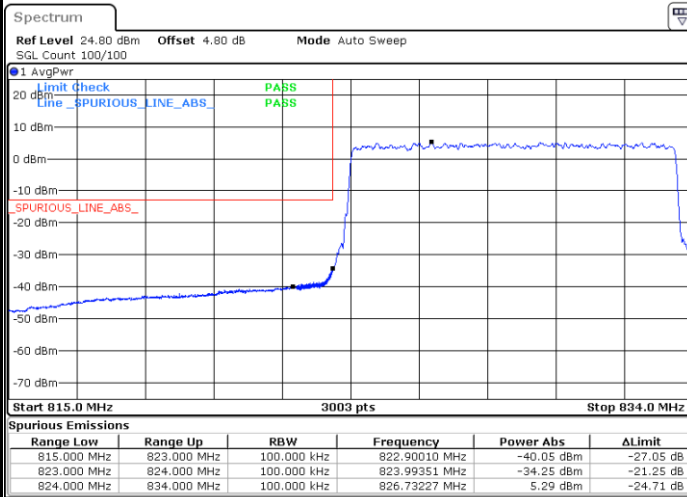
Date: 29.NOV.2021 15:58:34

Highest Band Edge / 1 RB



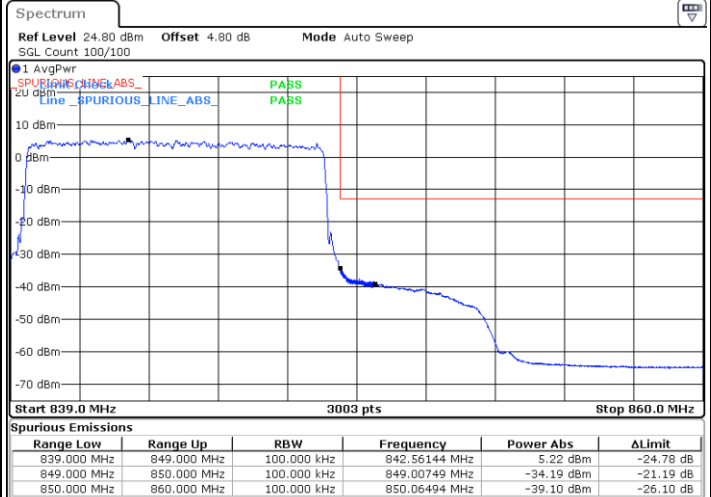
Date: 29.NOV.2021 15:59:57

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:57:11

Highest Band Edge / Full RB

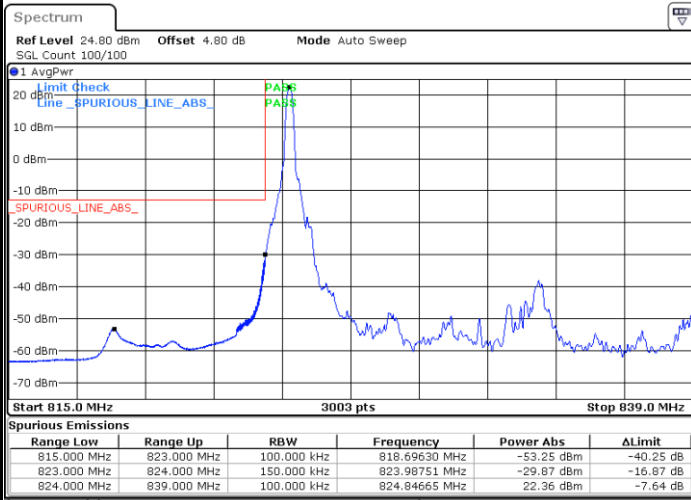


Date: 29.NOV.2021 16:01:20



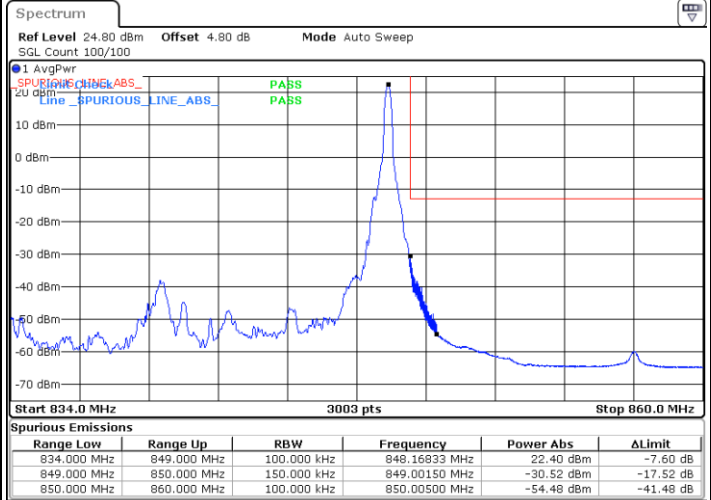
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



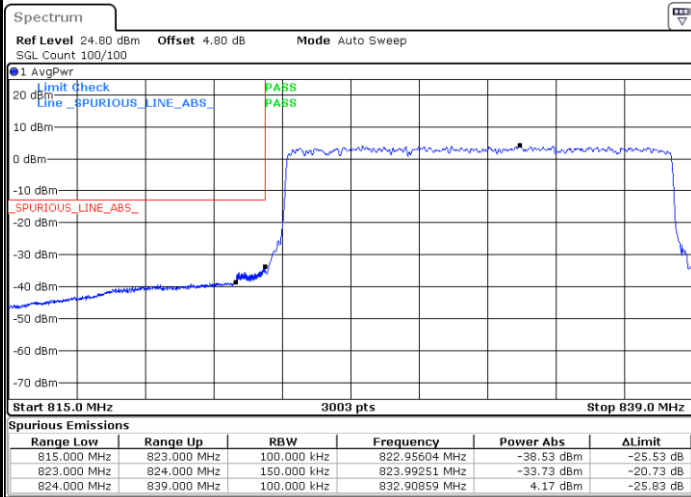
Date: 29.NOV.2021 15:32:36

Highest Band Edge / 1 RB



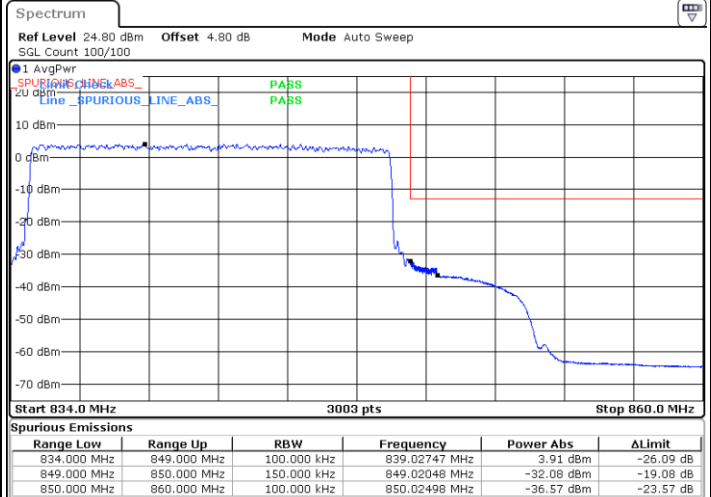
Date: 29.NOV.2021 15:34:00

Lowest Band Edge / Full RB



Date: 29.NOV.2021 15:28:27

Highest Band Edge / Full RB

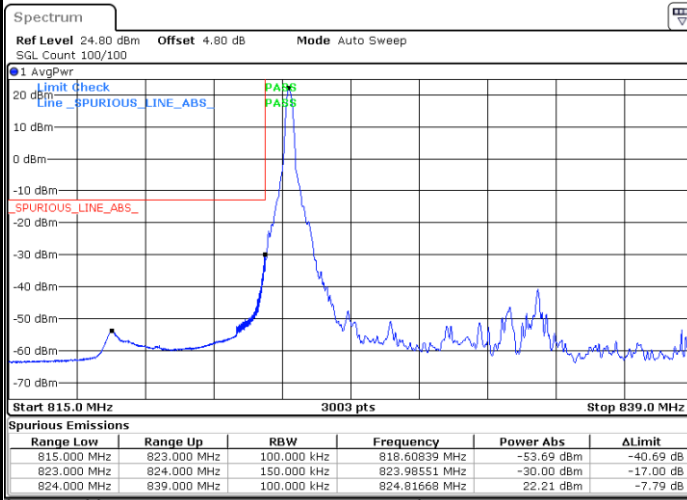


Date: 29.NOV.2021 15:38:10

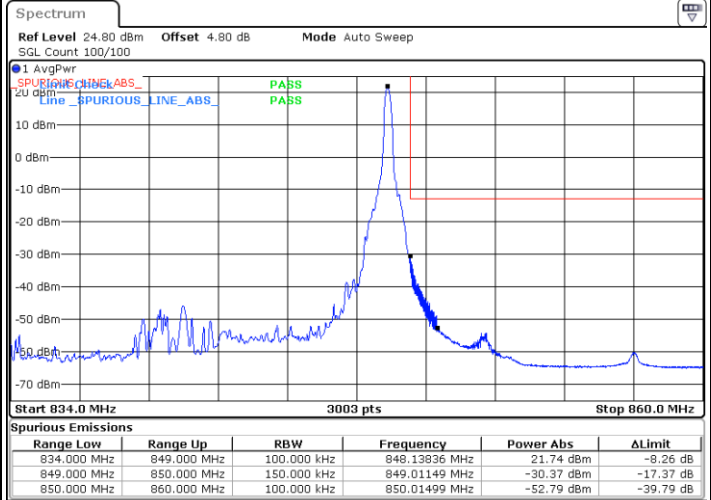


LTE Band 26 / 15MHz / 16QAM

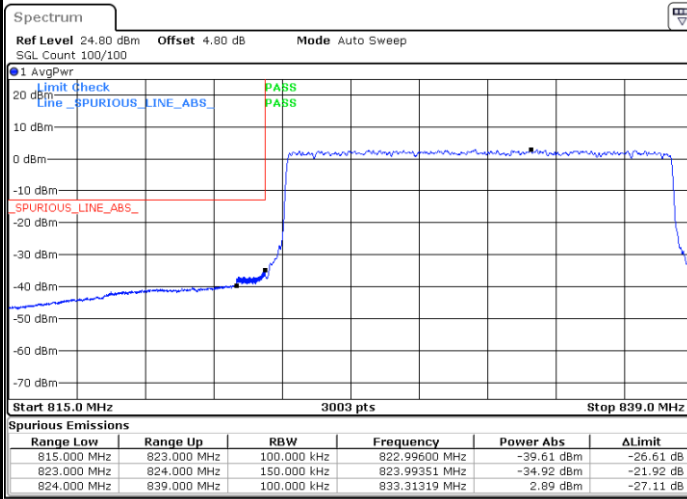
Lowest Band Edge / 1 RB



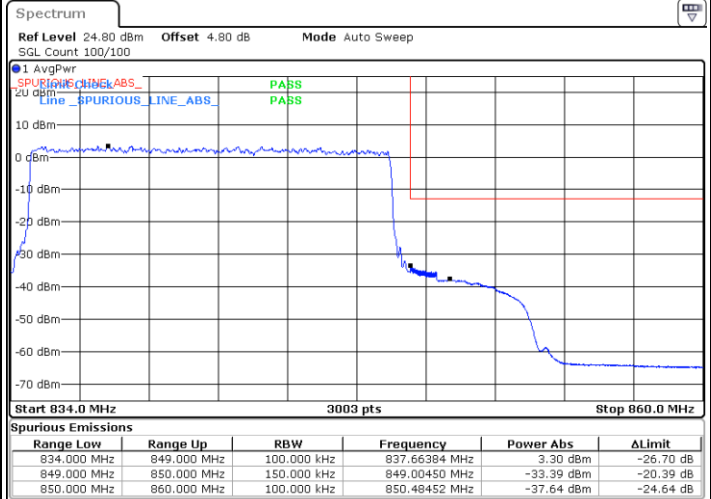
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



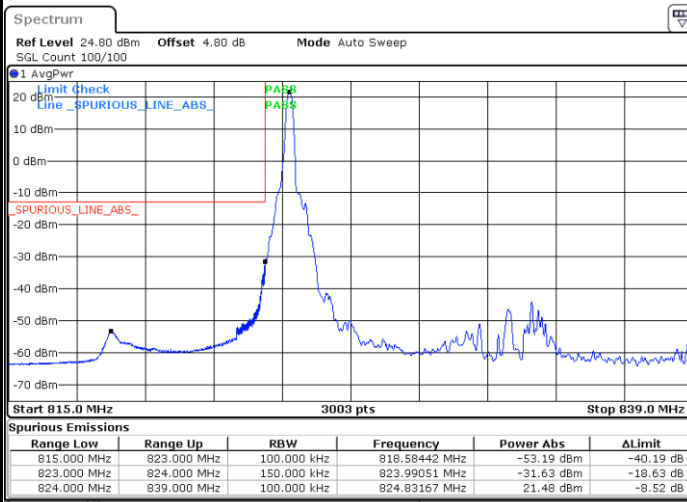
Highest Band Edge / Full RB





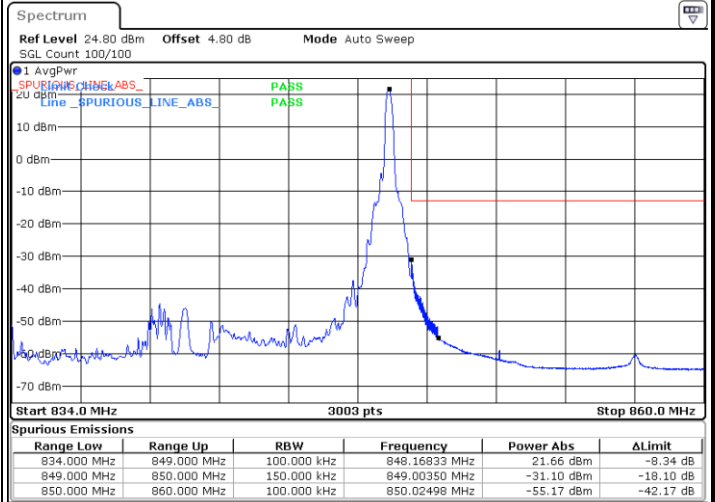
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



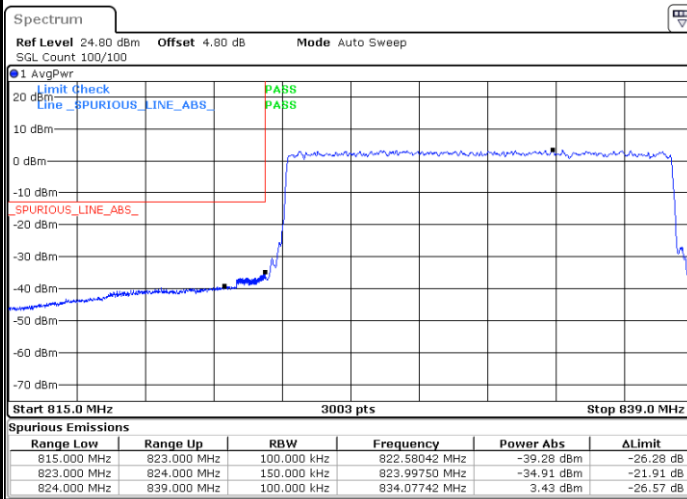
Date: 29.NOV.2021 16:04:07

Highest Band Edge / 1 RB



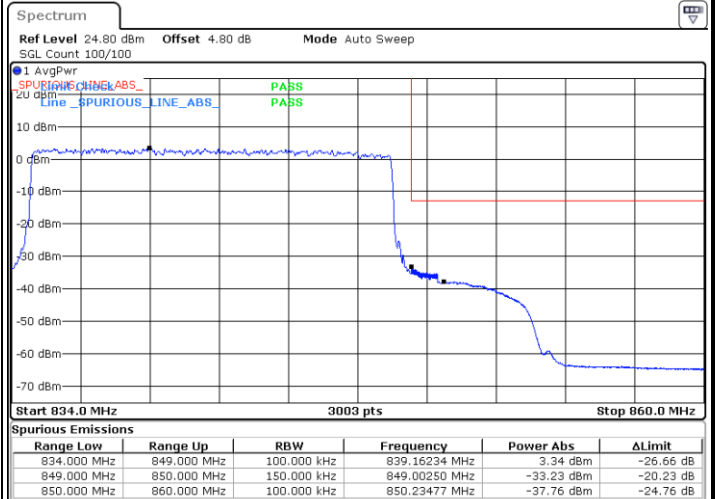
Date: 29.NOV.2021 16:05:30

Lowest Band Edge / Full RB



Date: 29.NOV.2021 16:02:44

Highest Band Edge / Full RB



Date: 29.NOV.2021 16:06:54

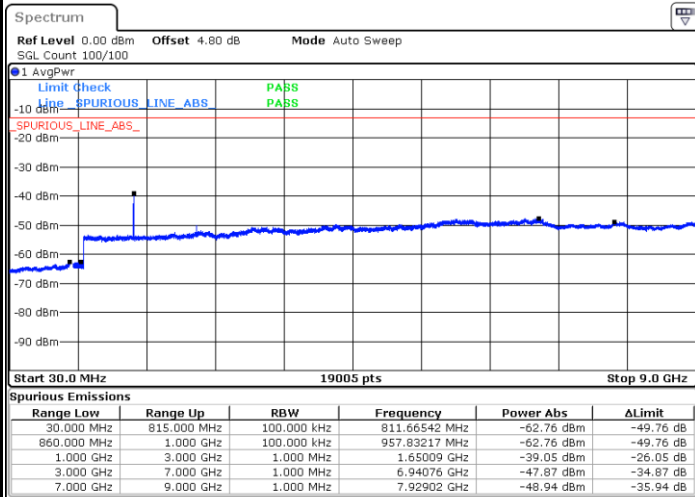


Conducted Spurious Emission

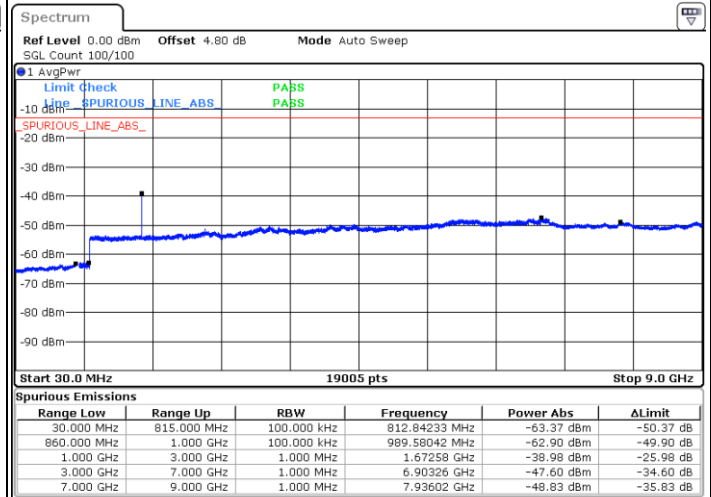
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK

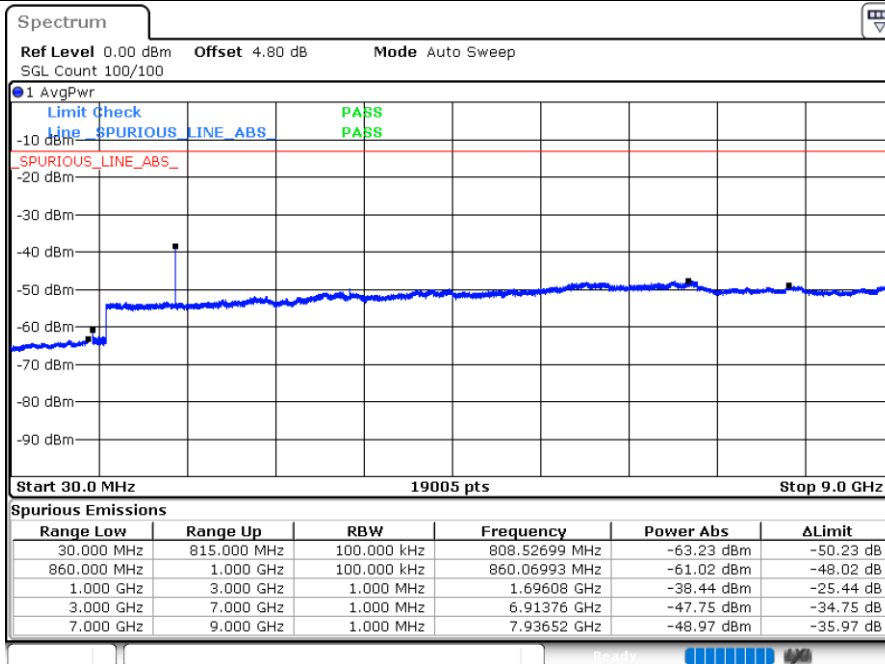


Date: 29.NOV.2021 16:09:48



Date: 29.NOV.2021 16:12:41

Highest Channel / QPSK



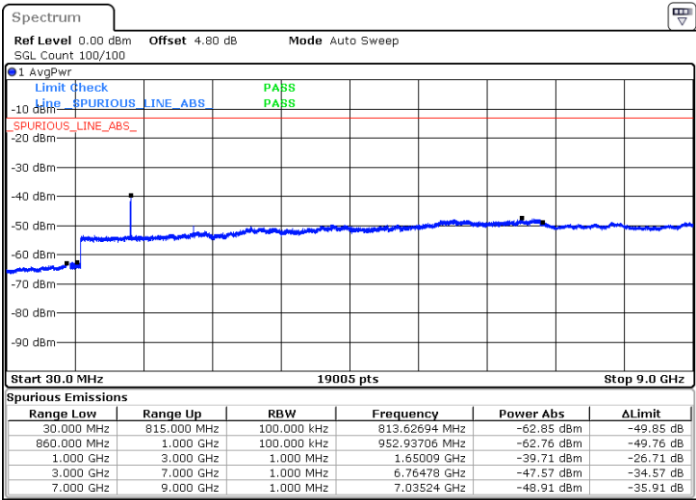
Date: 29.NOV.2021 16:15:34



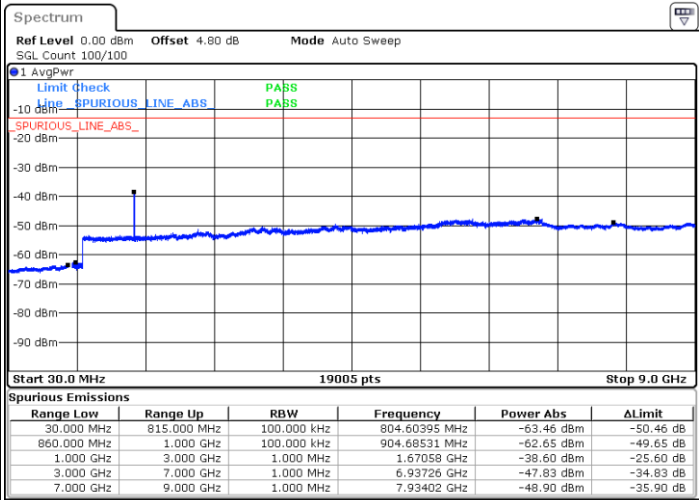
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

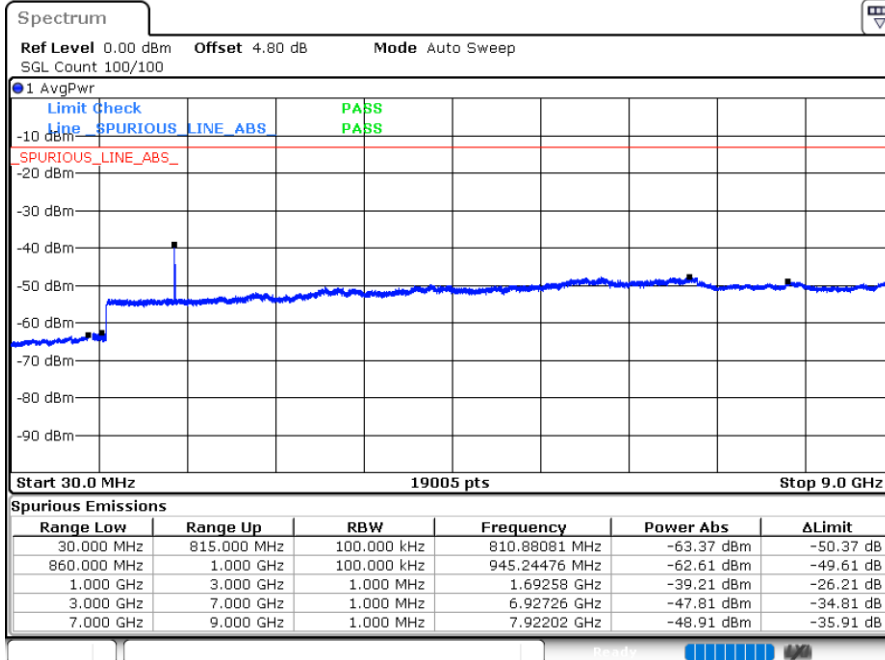


Date: 29.NOV.2021 16:18:28



Date: 29.NOV.2021 16:21:21

Highest Channel / QPSK



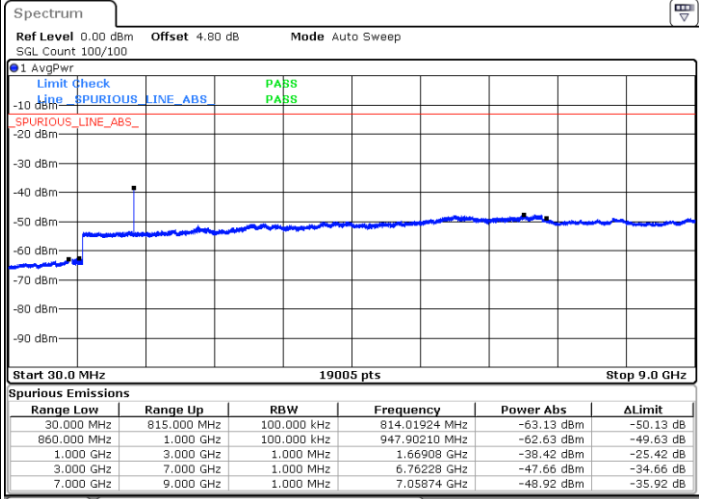
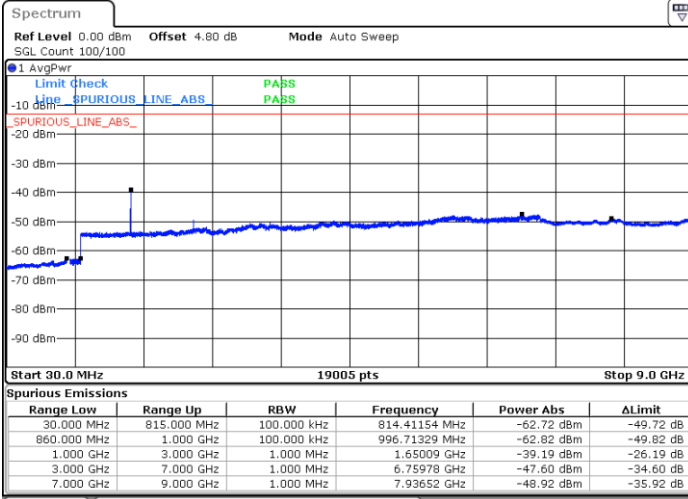
Date: 29.NOV.2021 16:24:14



LTE Band 26 / 5MHz

Lowest Channel / QPSK

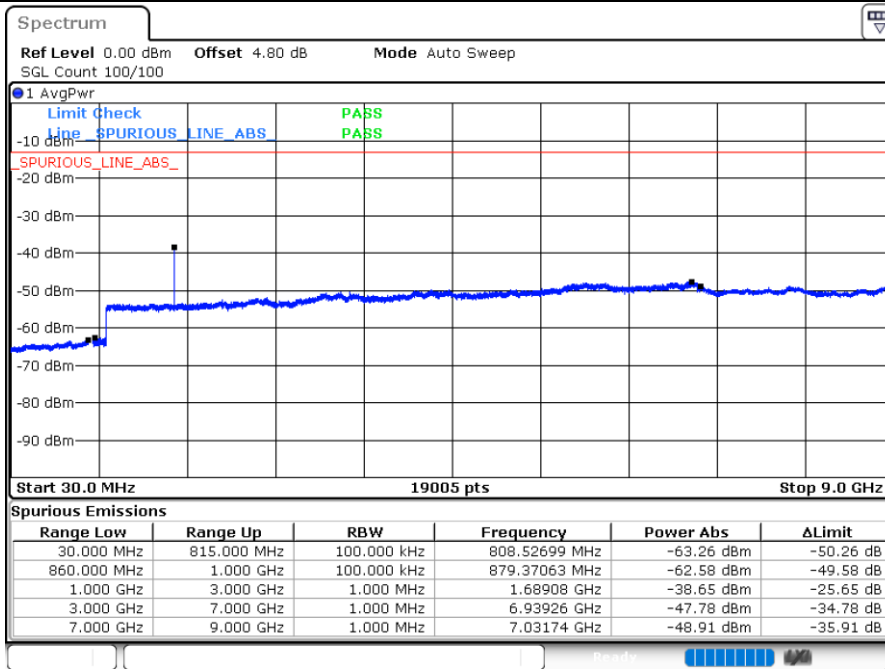
Middle Channel / QPSK



Date: 29.NOV.2021 16:27:08

Date: 29.NOV.2021 16:30:01

Highest Channel / QPSK



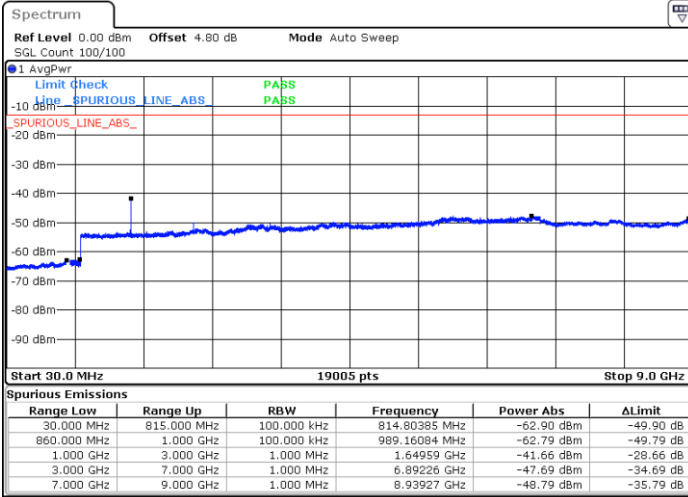
Date: 29.NOV.2021 16:32:54



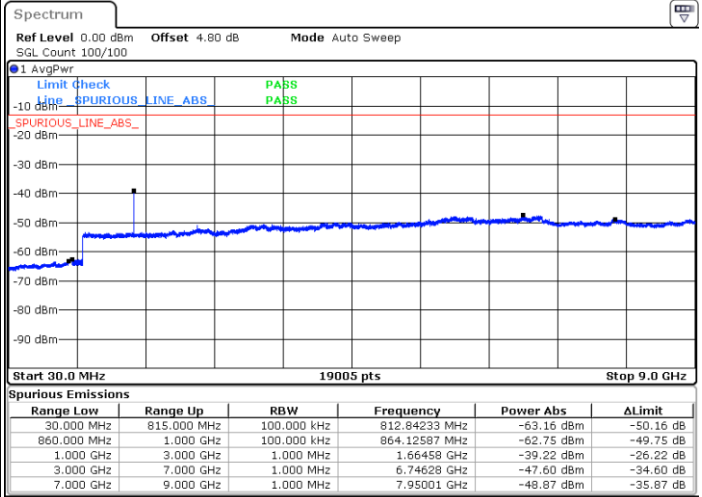
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

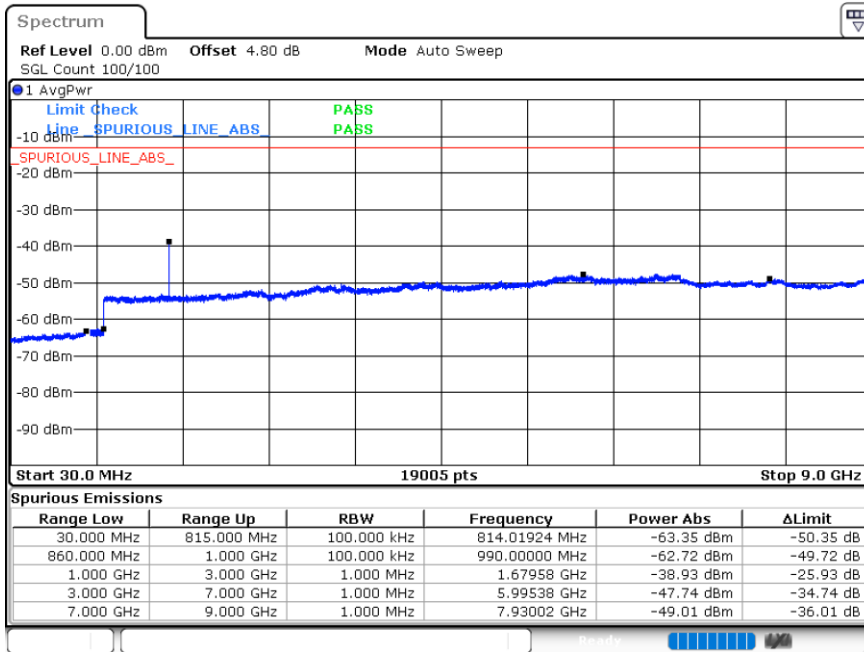


Date: 29.NOV.2021 16:35:48



Date: 29.NOV.2021 16:38:41

Highest Channel / QPSK



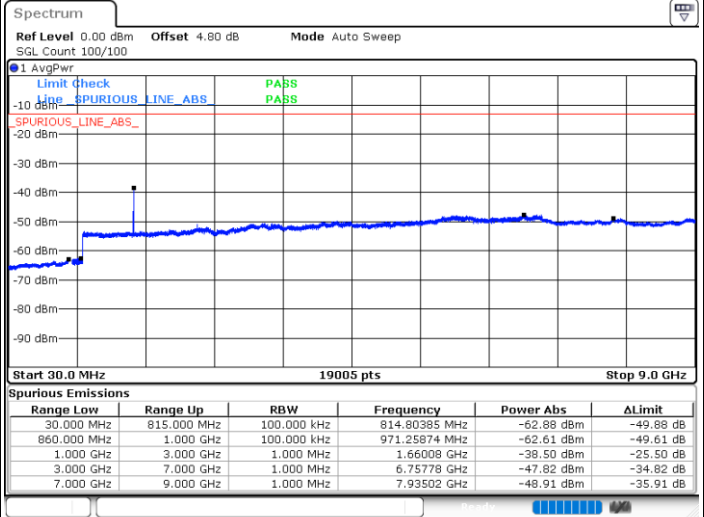
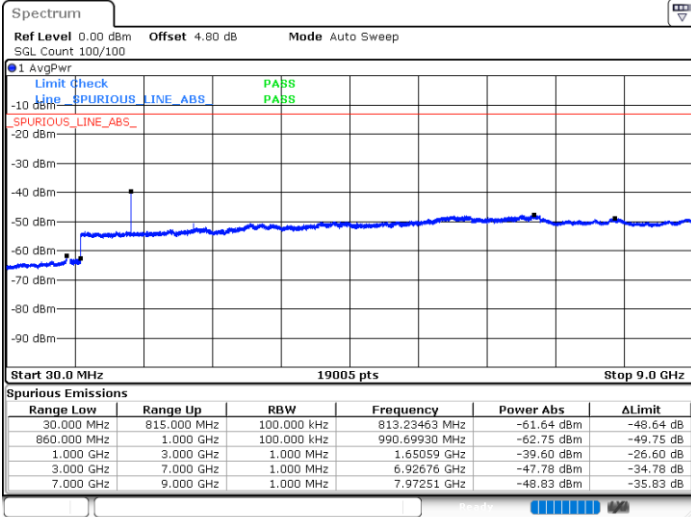
Date: 29.NOV.2021 16:41:34



LTE Band 26 / 15MHz

Lowest Channel / QPSK

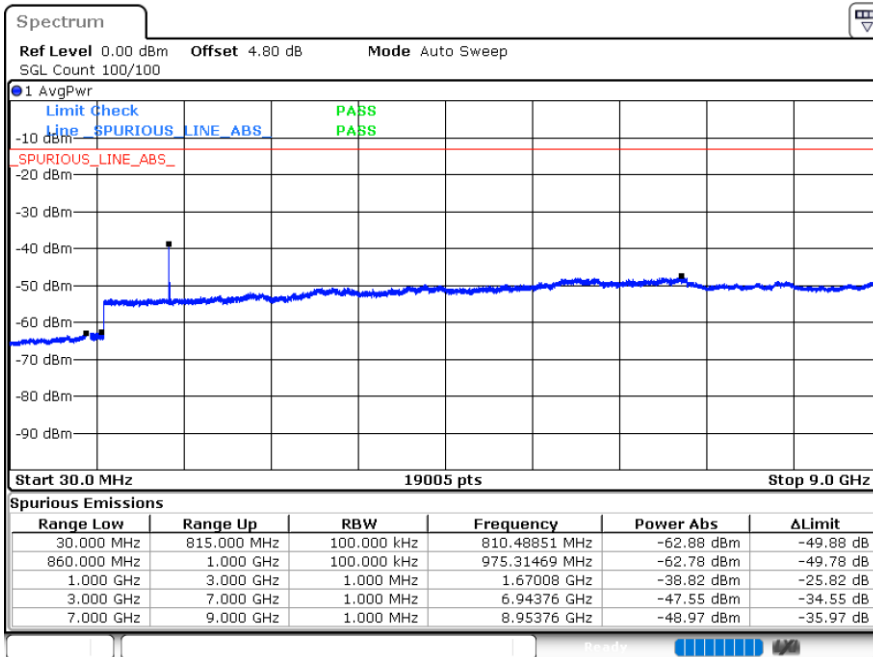
Middle Channel / QPSK



Date: 29.NOV.2021 16:44:32

Date: 29.NOV.2021 16:47:26

Highest Channel / QPSK

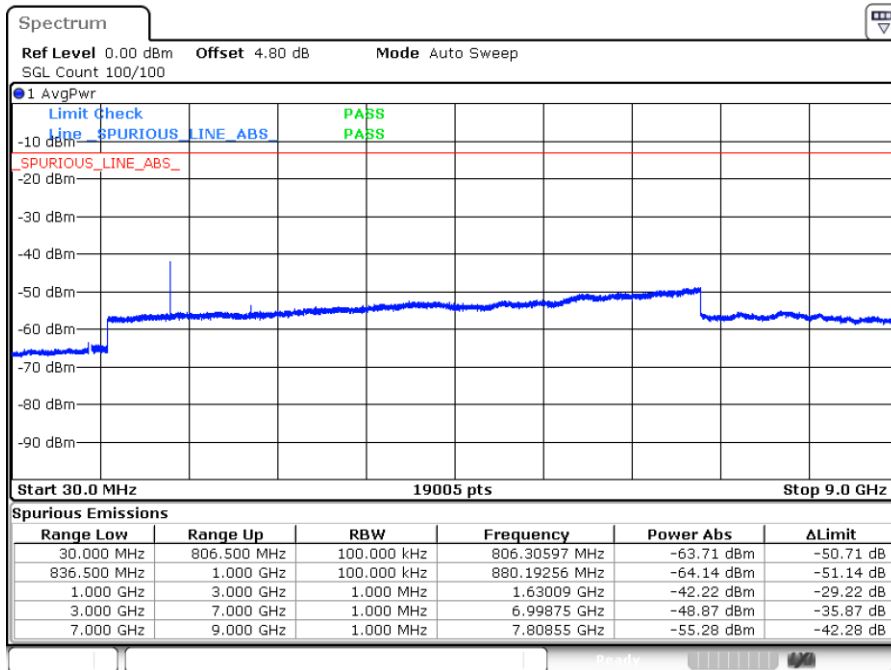


Date: 29.NOV.2021 16:50:20



LTE Band 26 / 15MHz

Channel 26765 / QPSK



Date: 30 NOV 2021 15:02:32



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

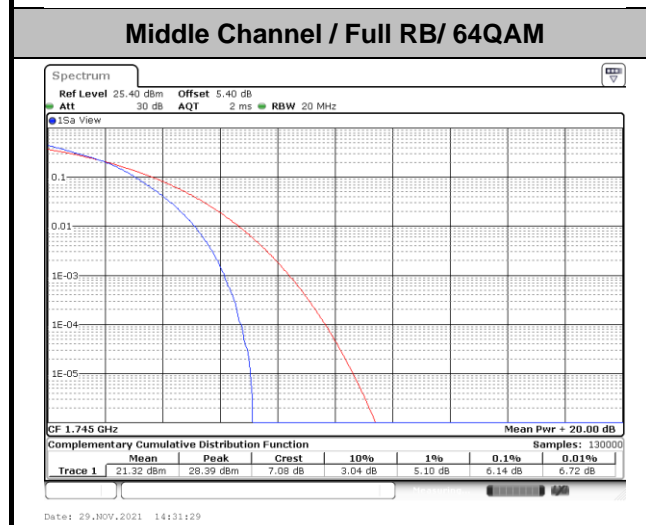
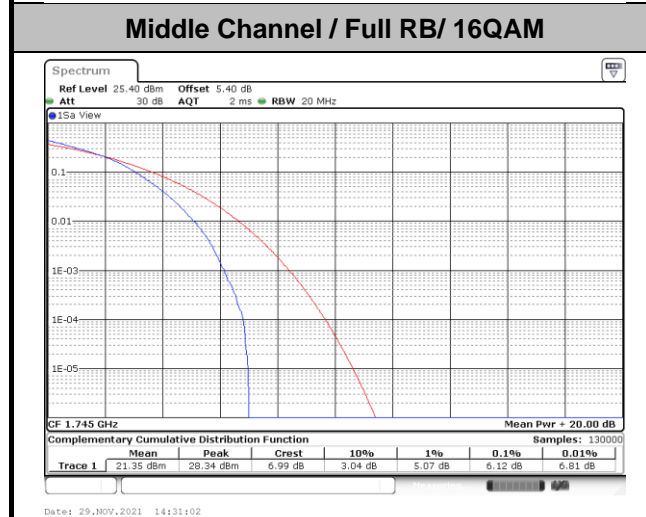
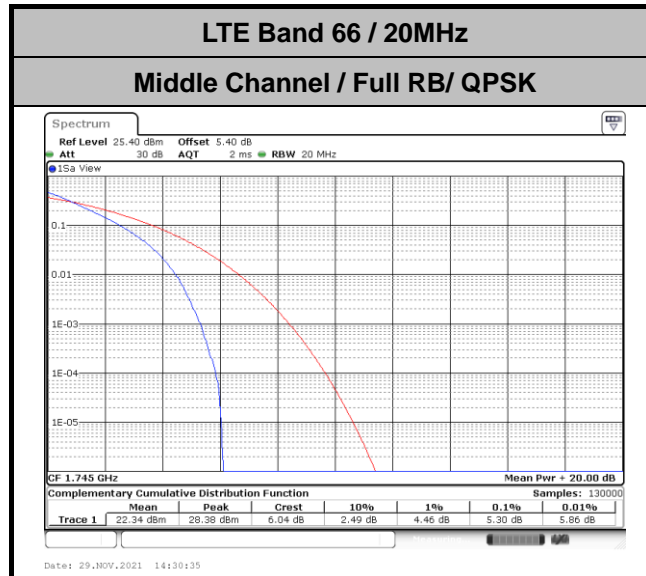
Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



LTE Band 66

Peak-to-Average Ratio

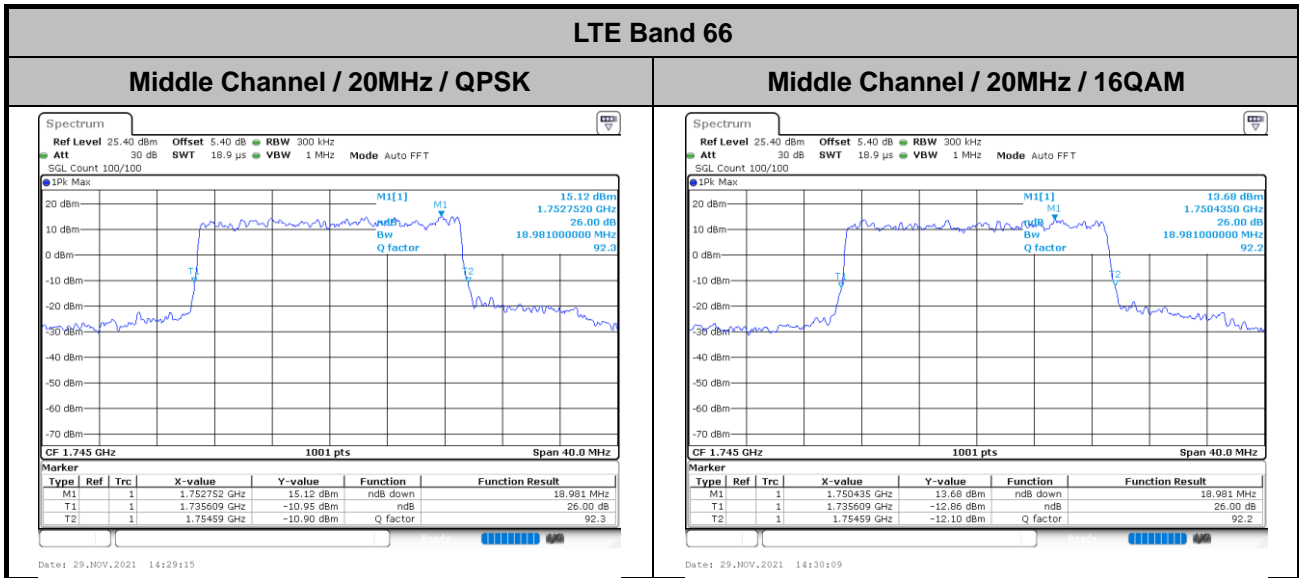
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.30	6.12	6.14	PASS





26dB Bandwidth

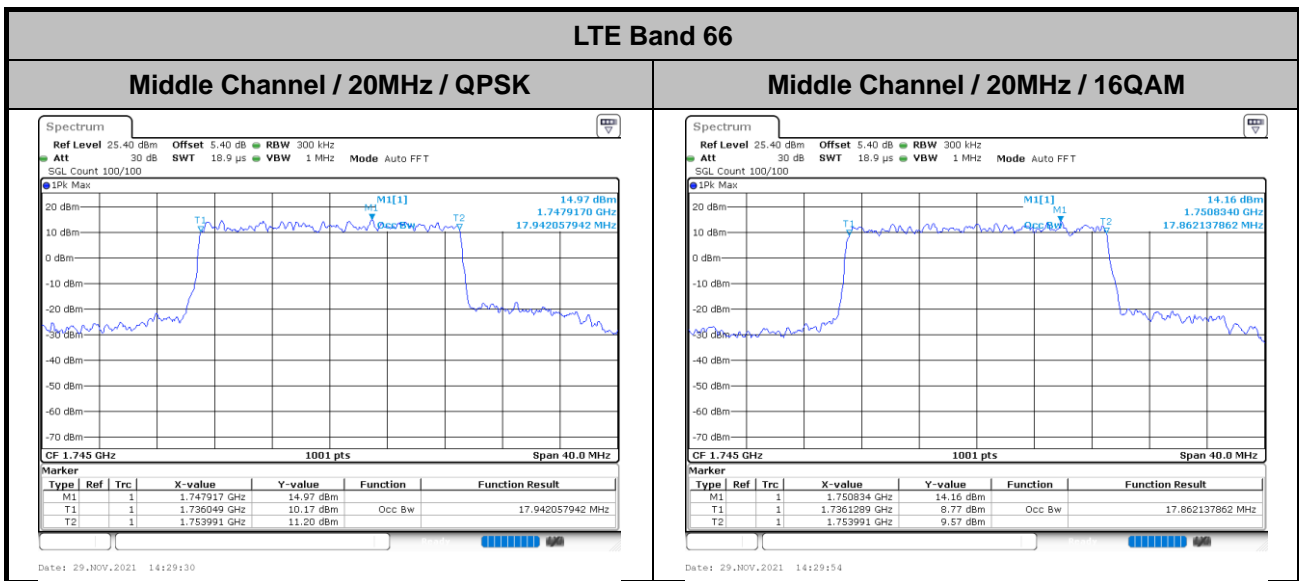
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.98	18.98





Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.86





Conducted Band Edge

