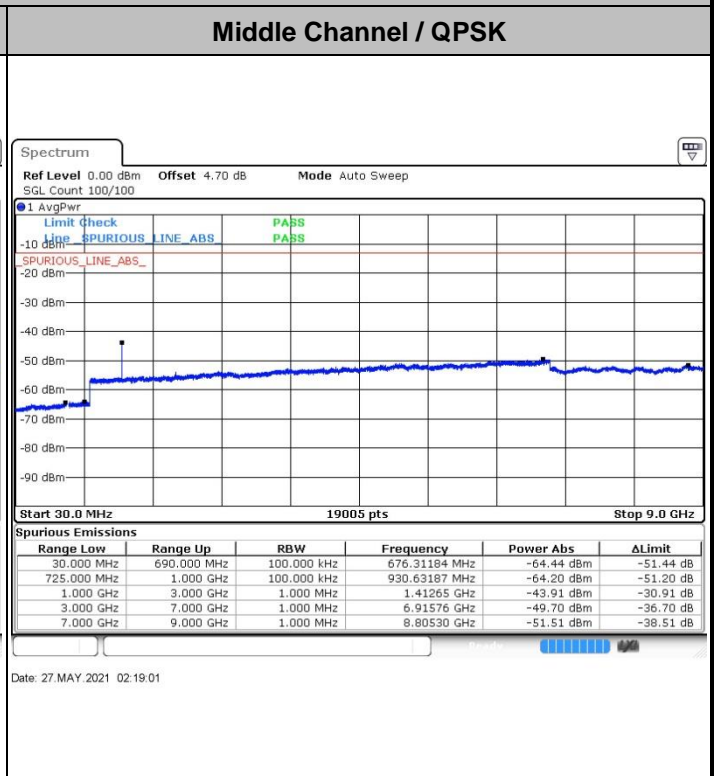
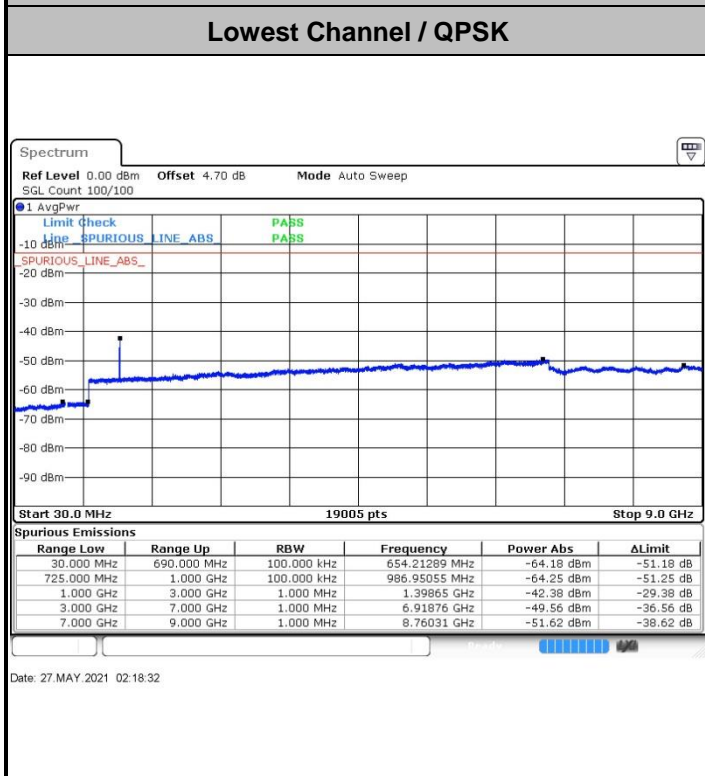
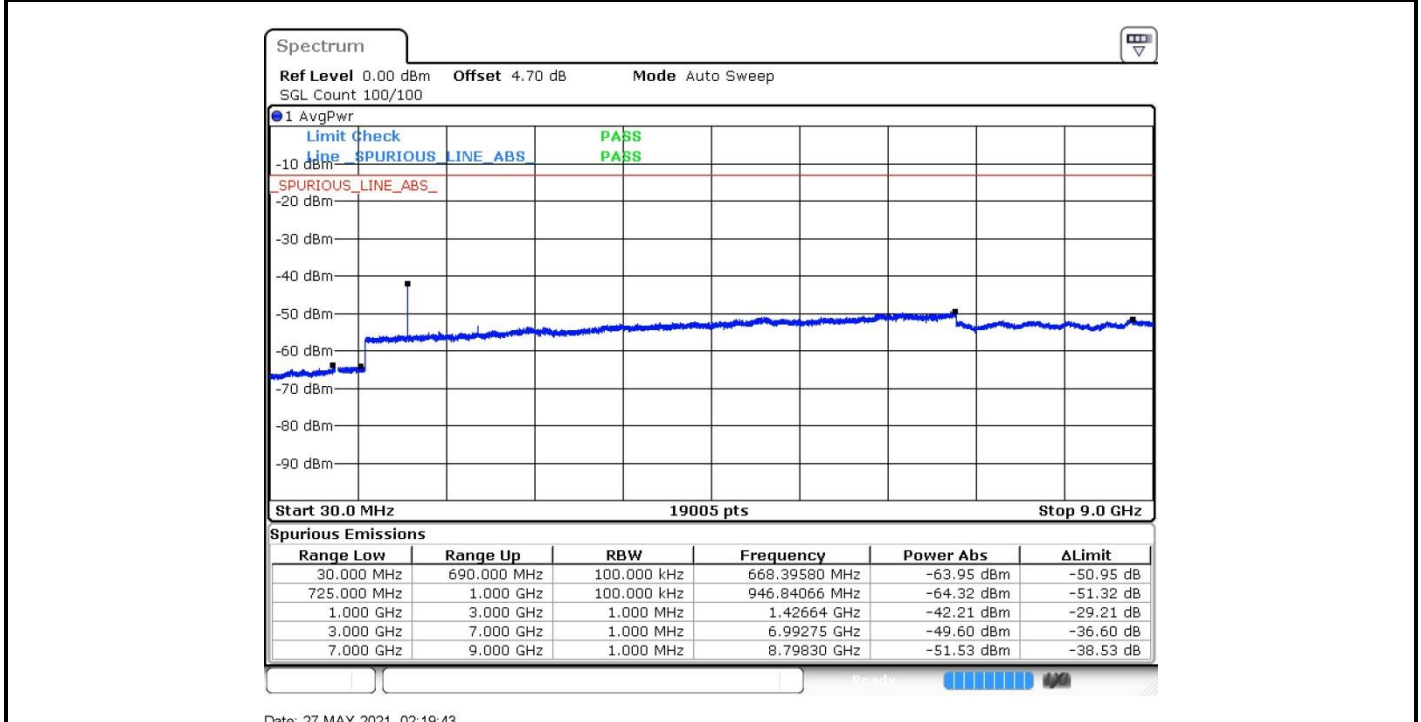




LTE Band 12 / 3MHz



Highest Channel / QPSK

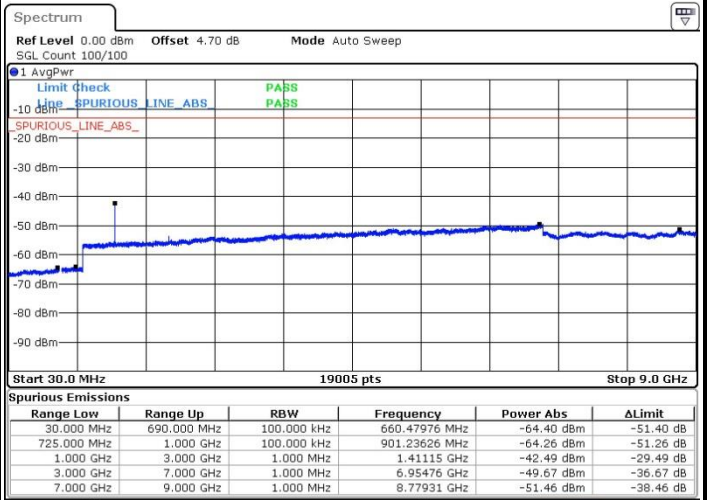
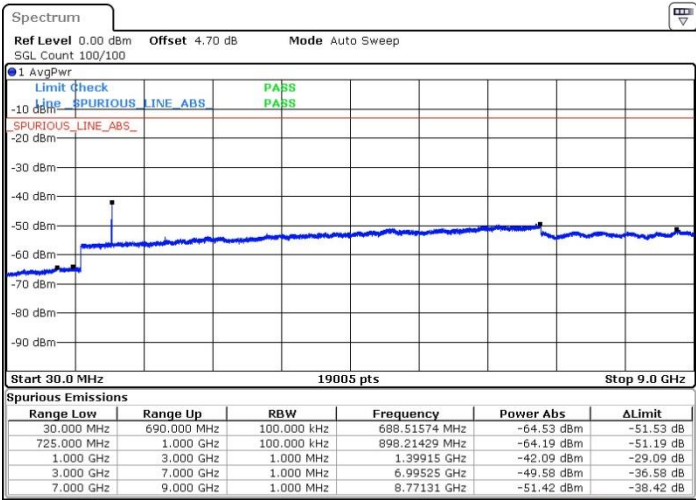




LTE Band 12 / 5MHz

Lowest Channel / QPSK

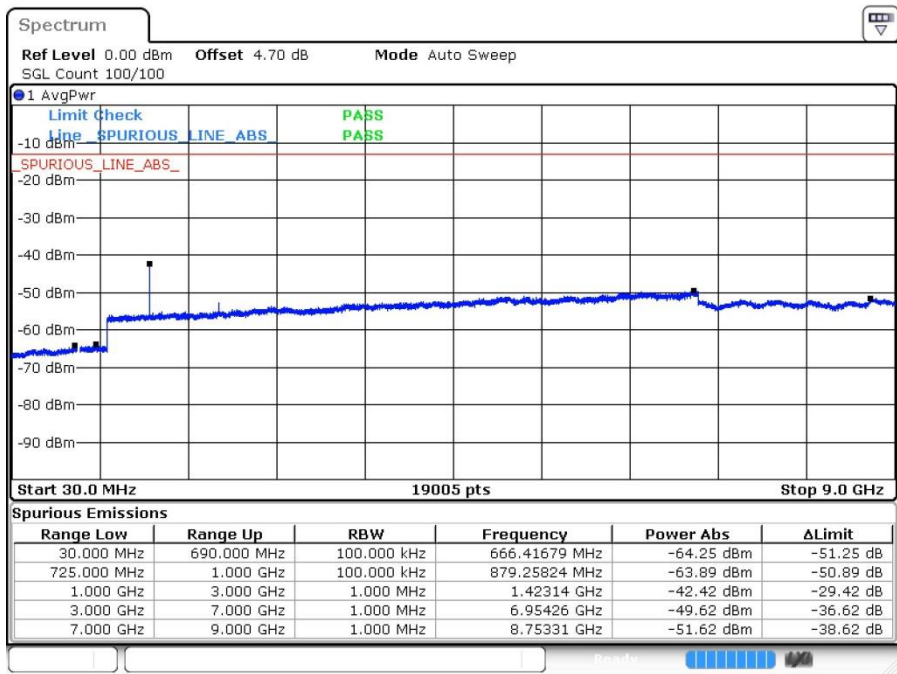
Middle Channel / QPSK



Date: 27 MAY 2021 02:16:44

Date: 27 MAY 2021 02:17:19

Highest Channel / QPSK



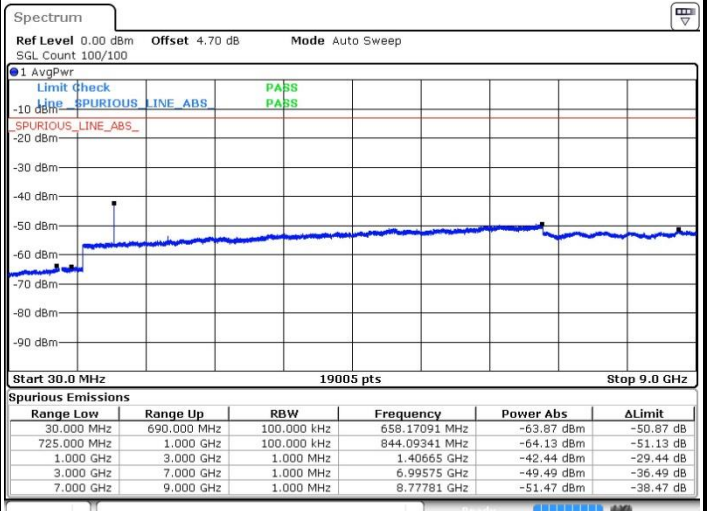
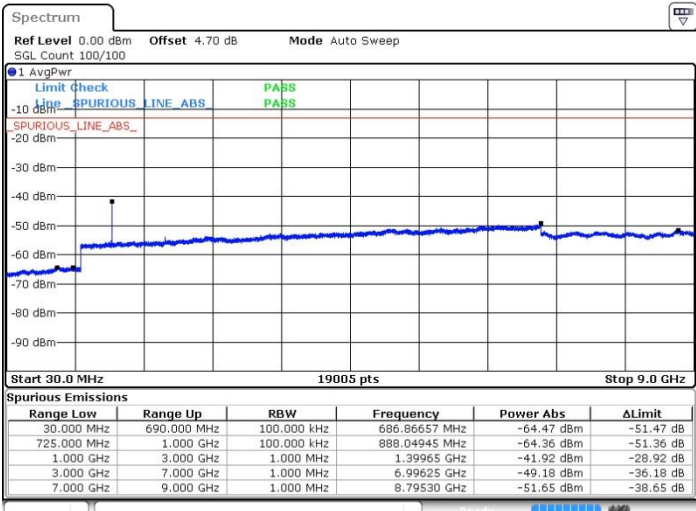
Date: 27 MAY 2021 02:17:52



LTE Band 12 / 10MHz

Lowest Channel / QPSK

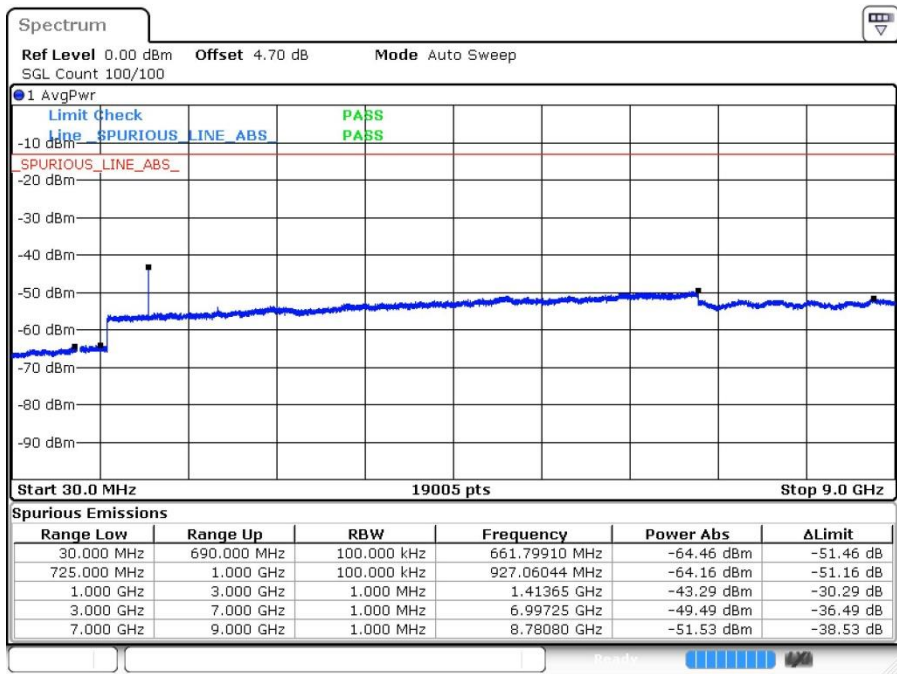
Middle Channel / QPSK



Date: 27 MAY 2021 02:14:15

Date: 27 MAY 2021 02:15:46

Highest Channel / QPSK



Date: 27 MAY 2021 02:16:14



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	0.0014	PASS
40	Normal Voltage	0.0066	
30	Normal Voltage	0.0086	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0068	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0082	
-30	Normal Voltage	0.0073	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0112	

Note:

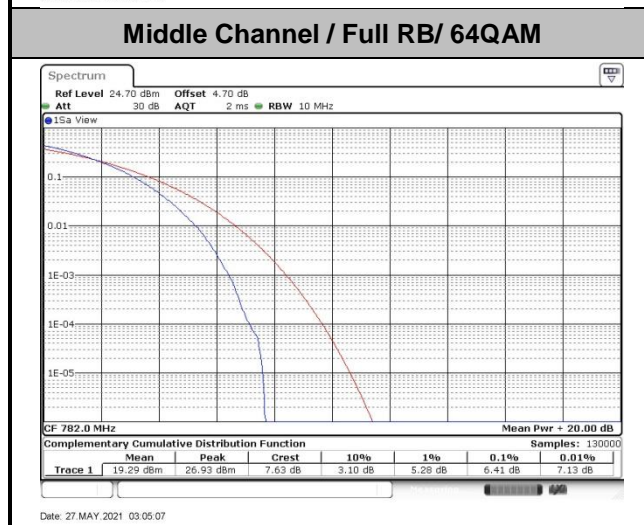
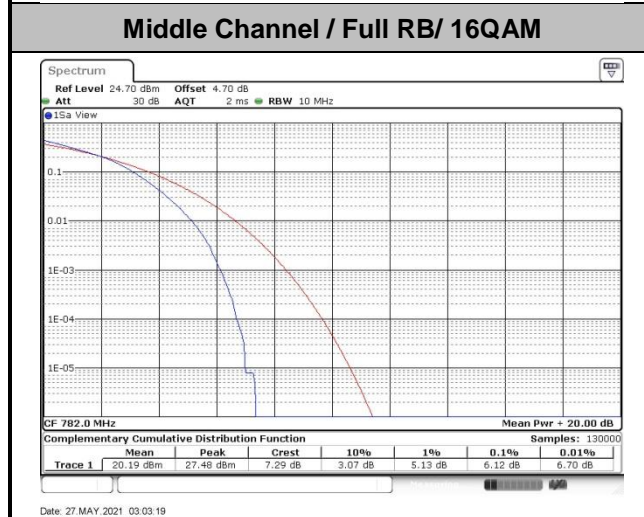
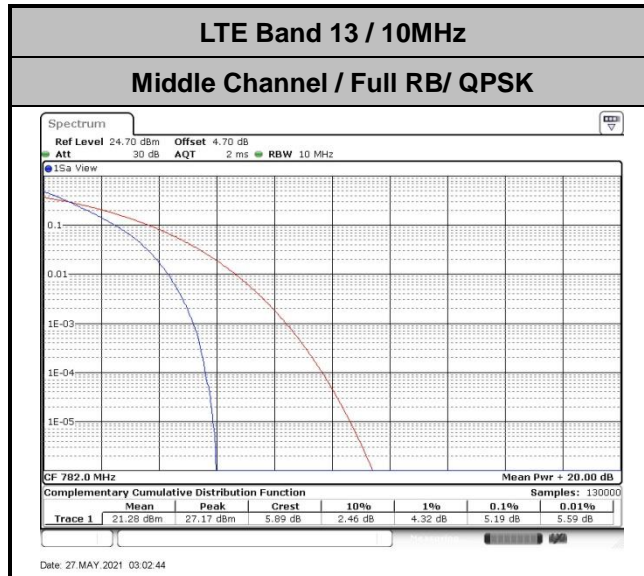
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



5LTE Band 13

Peak-to-Average Ratio

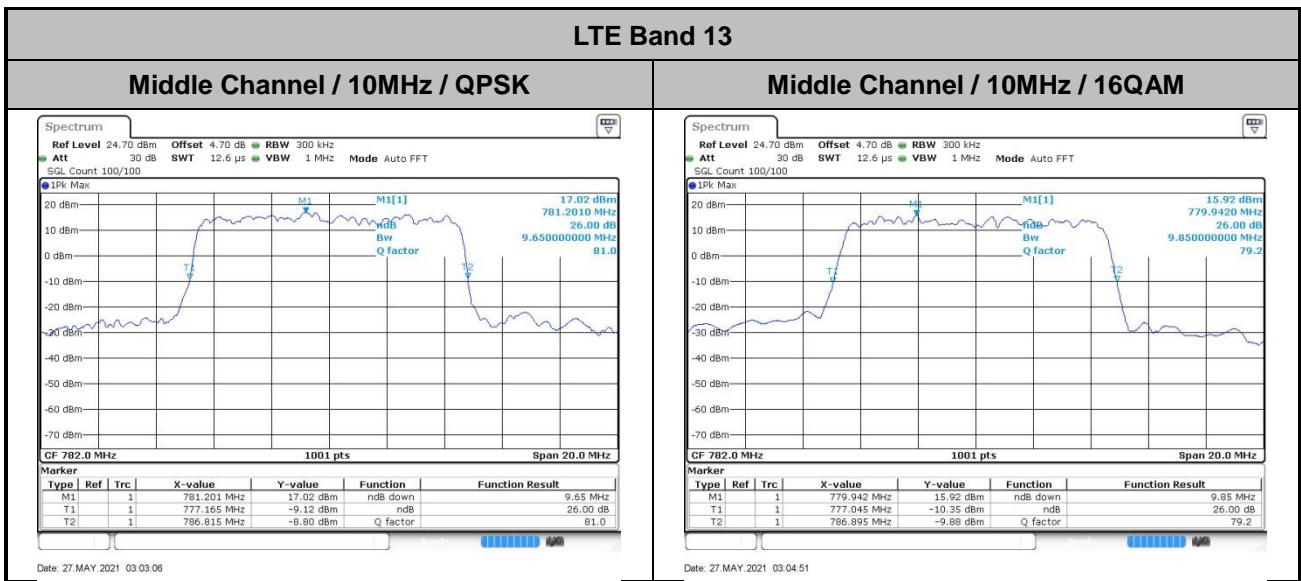
Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.19	6.12	6.41	PASS





26dB Bandwidth

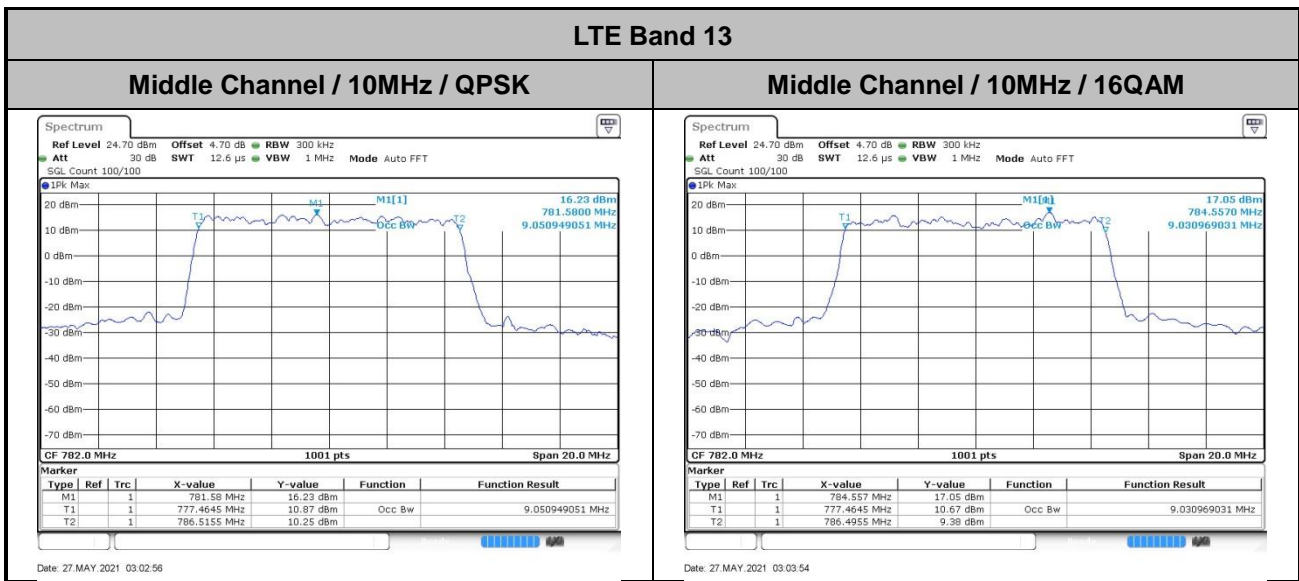
Mode	LTE Band 13 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	9.85





Occupied Bandwidth

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





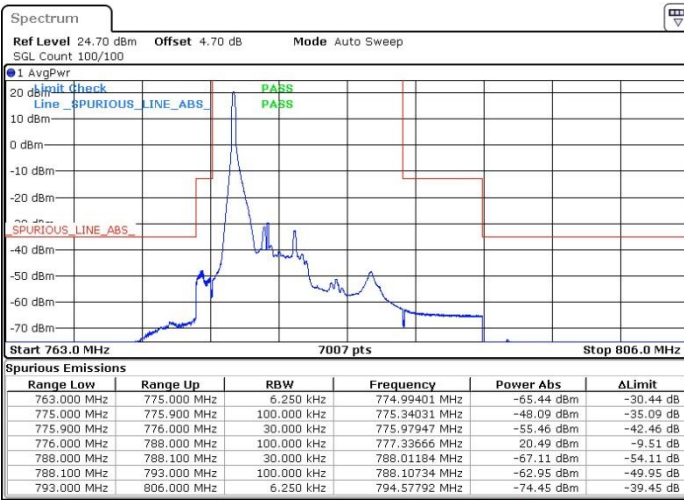
Conducted Band Edge



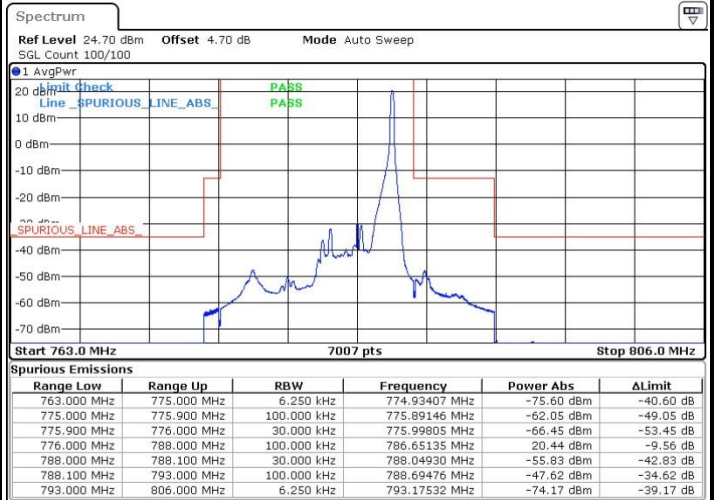
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



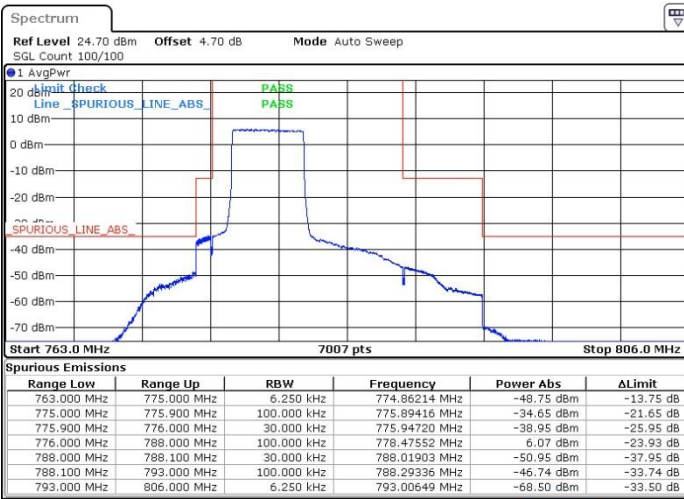
Date: 27.MAY.2021 02:30:15



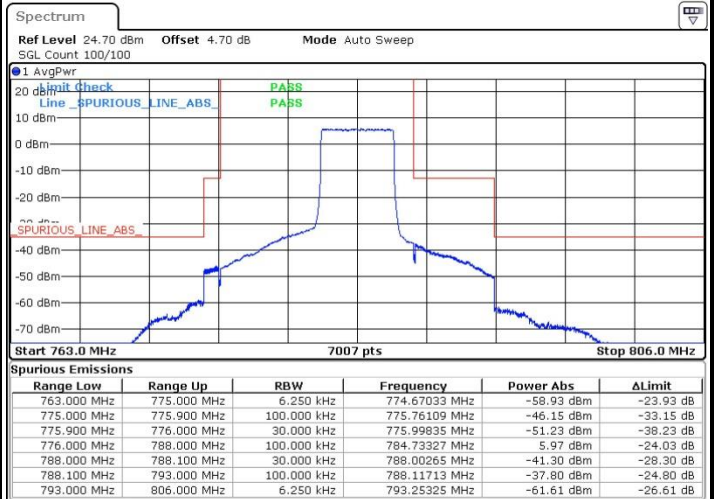
Date: 27.MAY.2021 02:36:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAY.2021 02:28:37



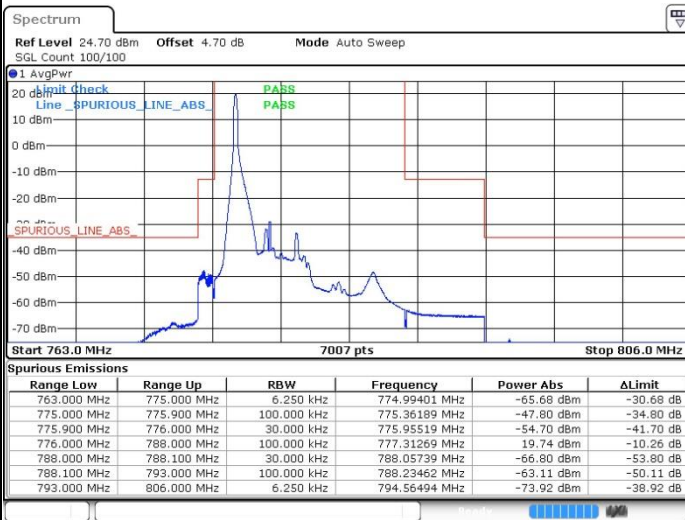
Date: 27.MAY.2021 02:35:10



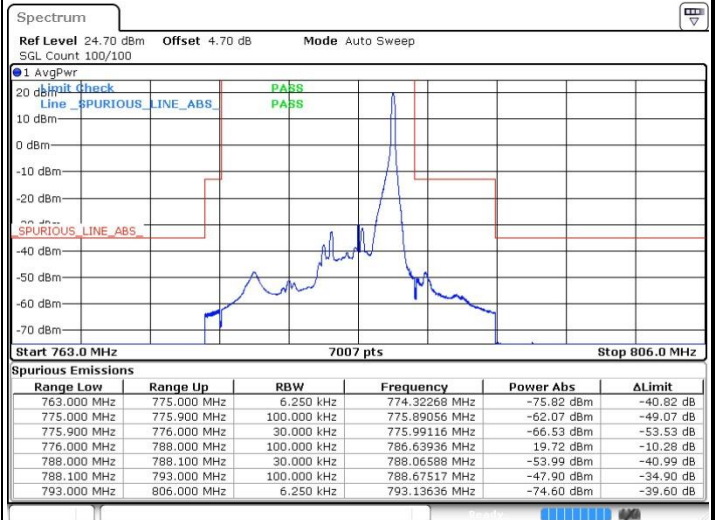
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



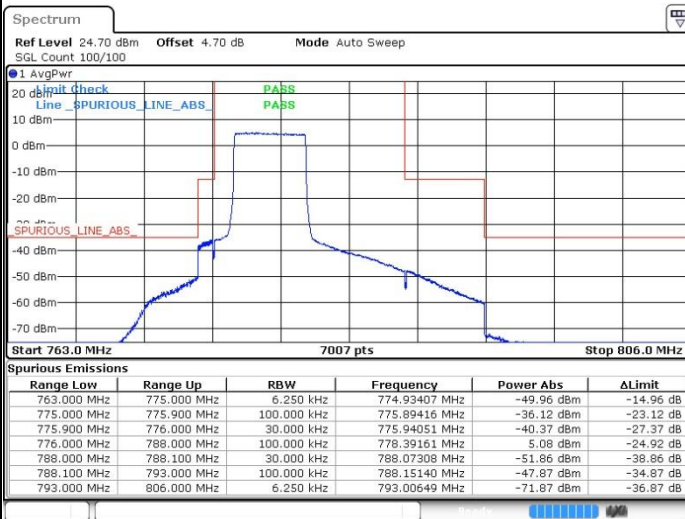
Date: 27.MAY.2021 02:31:54



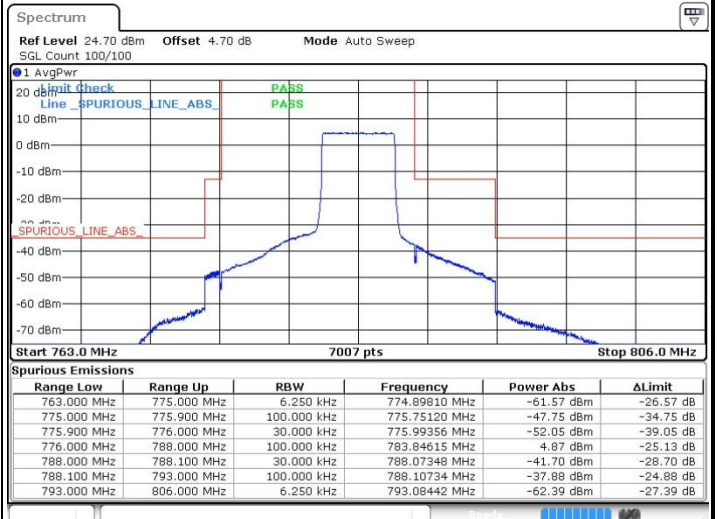
Date: 27.MAY.2021 02:38:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAY.2021 02:28:59



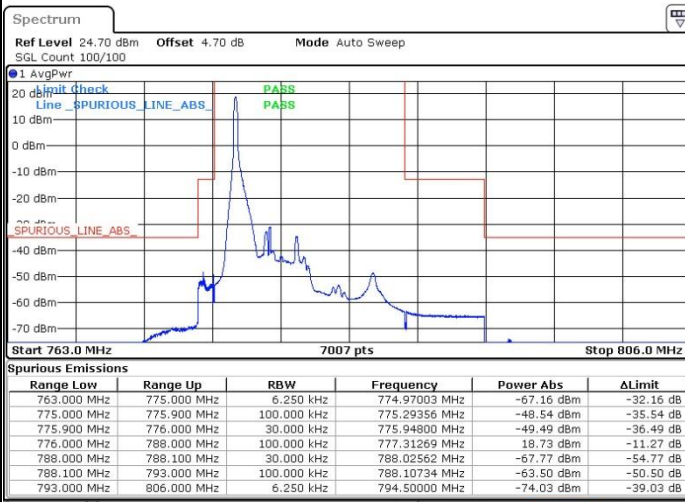
Date: 27.MAY.2021 02:33:32



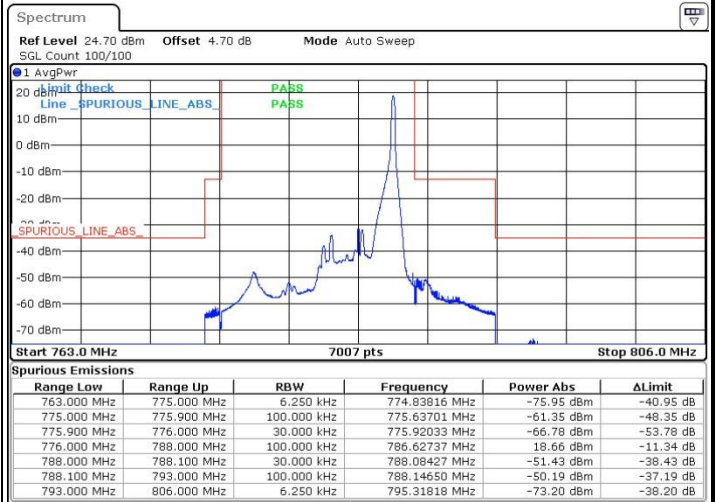
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



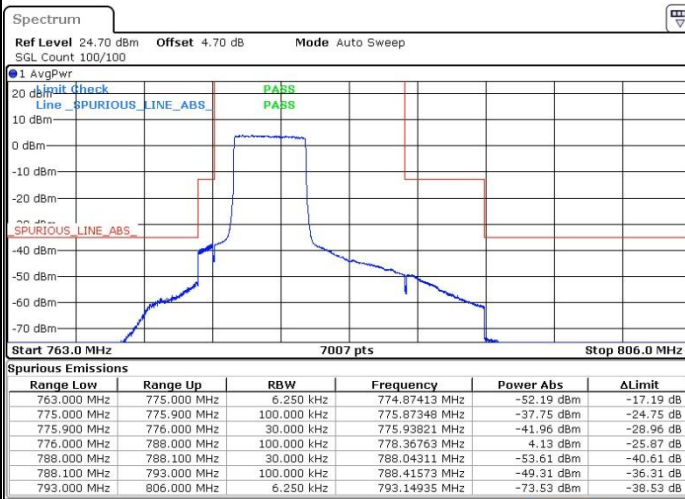
Date: 27.MAY.2021 02:50:54



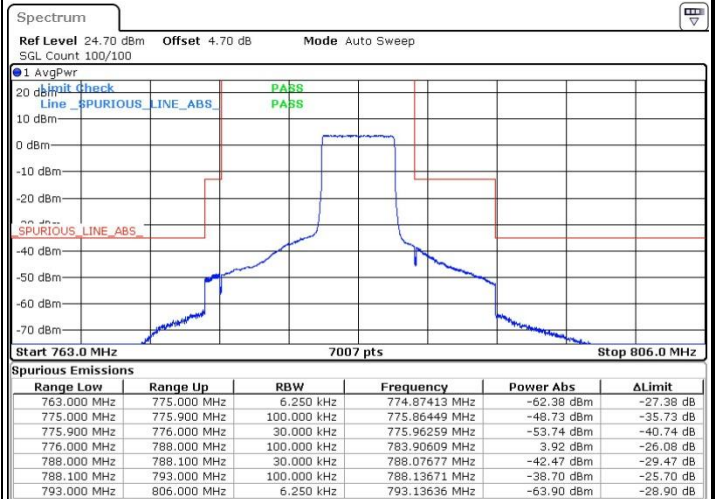
Date: 27.MAY.2021 02:55:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAY.2021 02:52:32

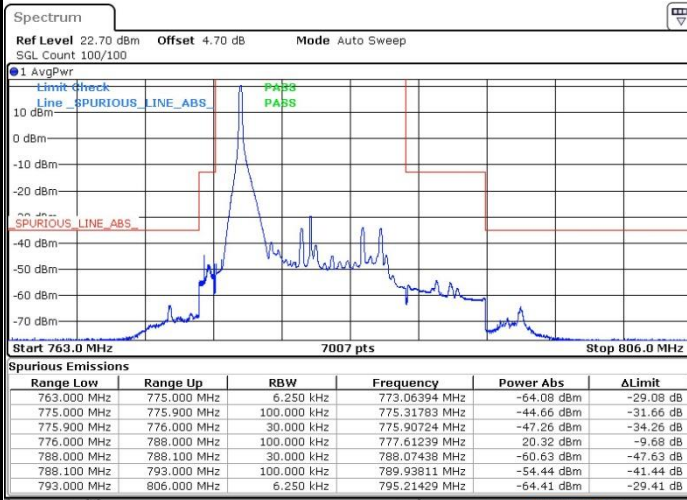


Date: 27.MAY.2021 02:54:11



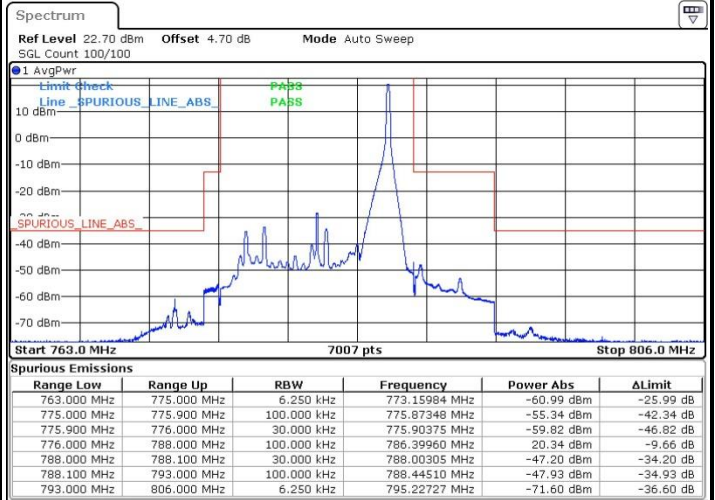
LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB



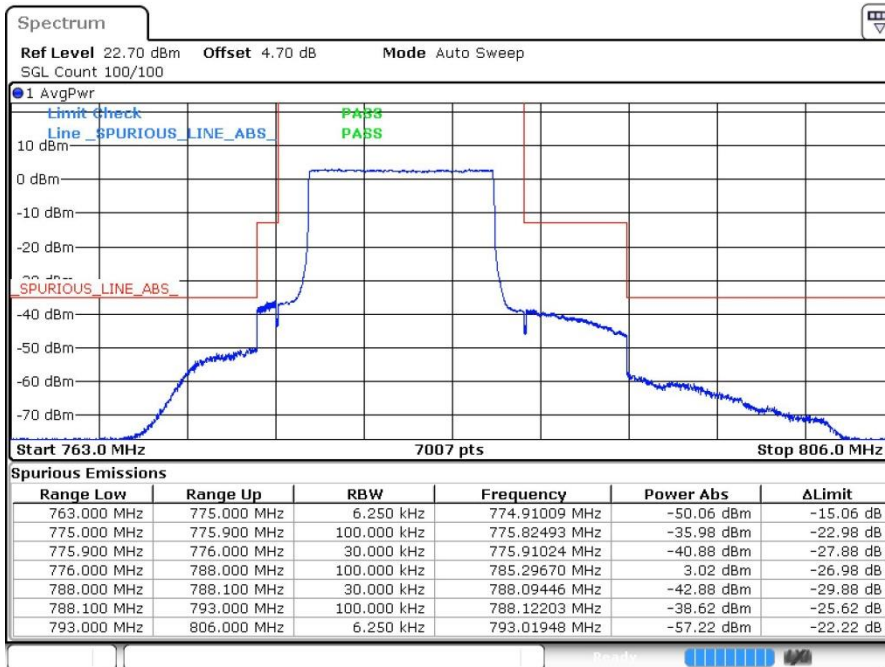
Date: 27.MAY.2021 02:42:43

middle Band Edge / 1 RB



Date: 27.MAY.2021 02:49:16

Middle Band Edge / Full RB

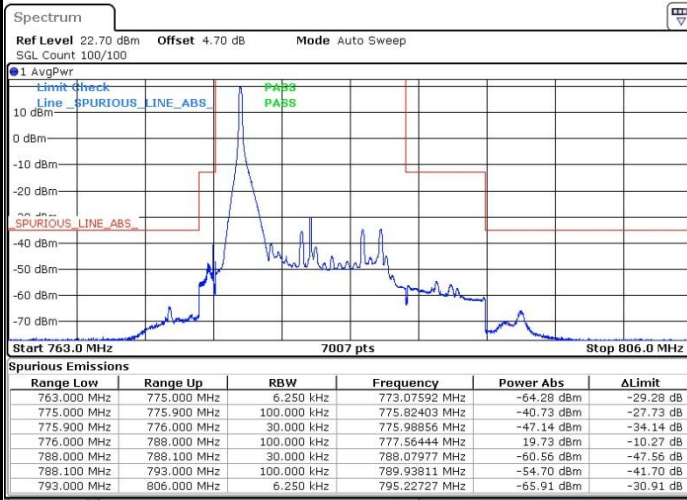


Date: 27.MAY.2021 02:44:21



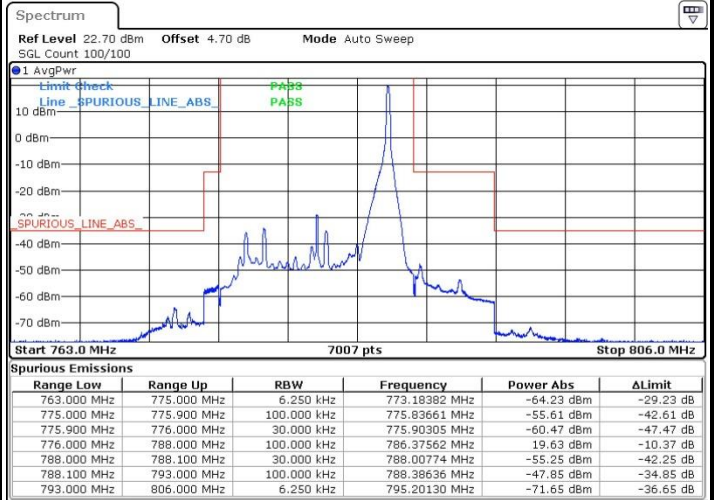
LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB



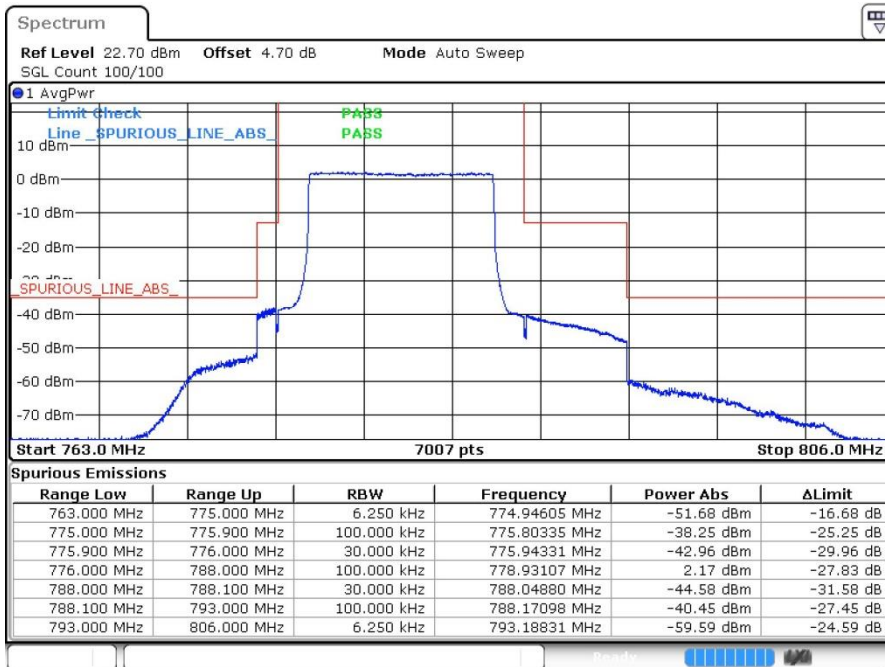
Date: 27.MAY.2021 02:41:05

middle Band Edge / 1 RB



Date: 27.MAY.2021 02:47:38

middle Band Edge / Full RB

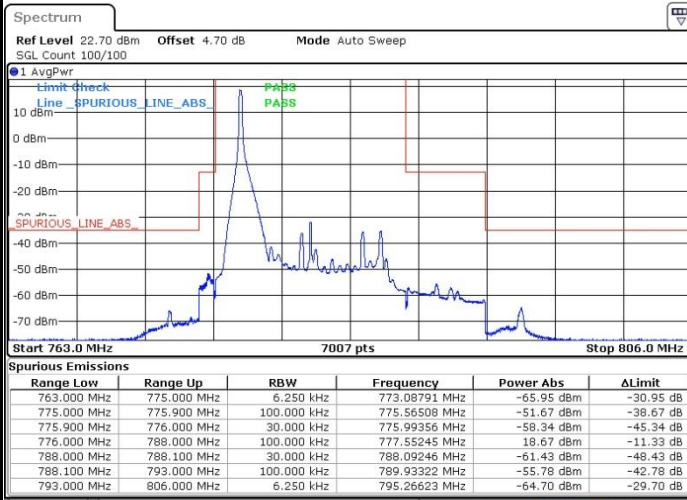


Date: 27.MAY.2021 02:45:59



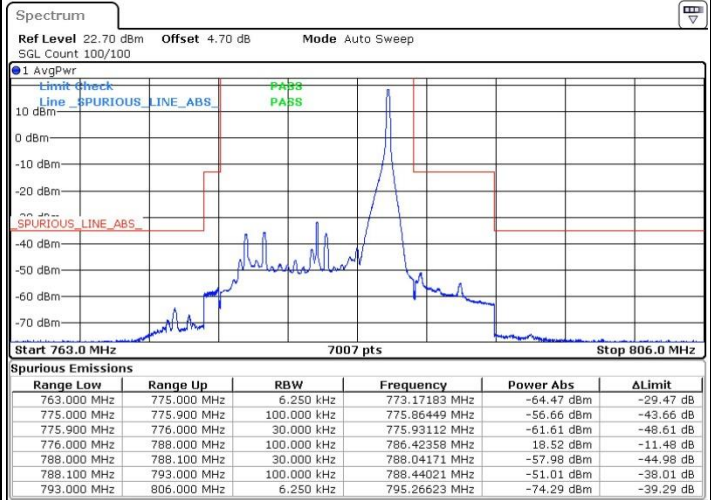
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



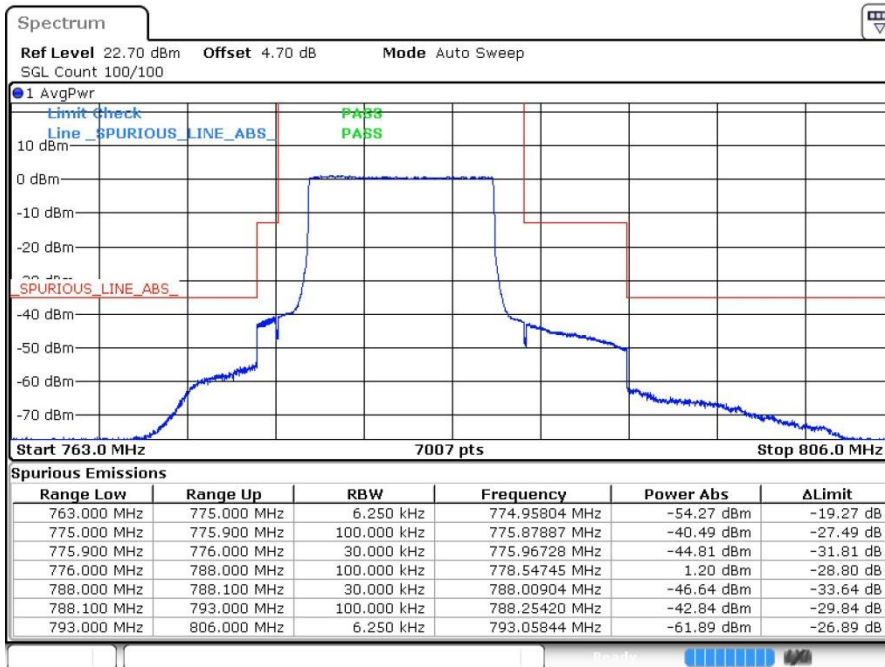
Date: 27.MAY.2021 02:58:24

middle Band Edge / 1 RB



Date: 27.MAY.2021 03:00:02

middle Band Edge / Full RB



Date: 27.MAY.2021 03:01:41

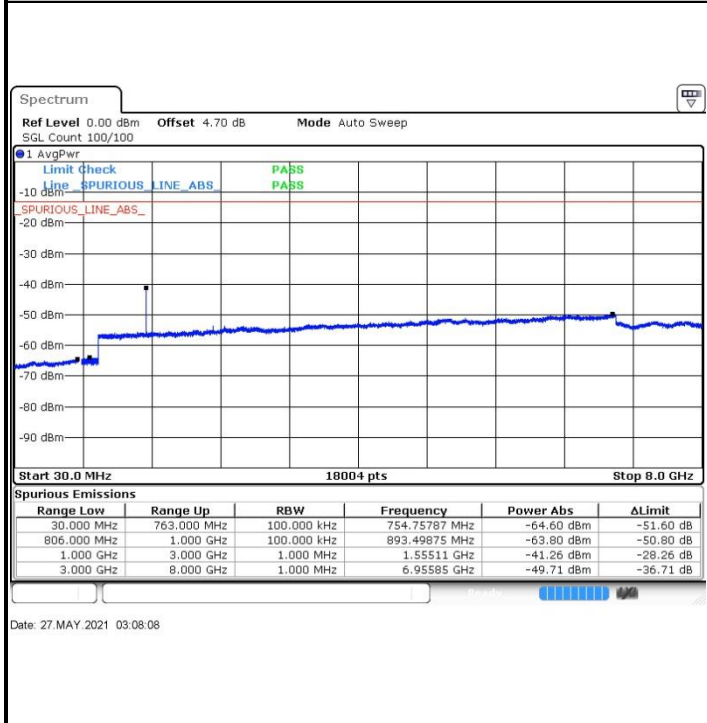


Conducted Spurious Emission

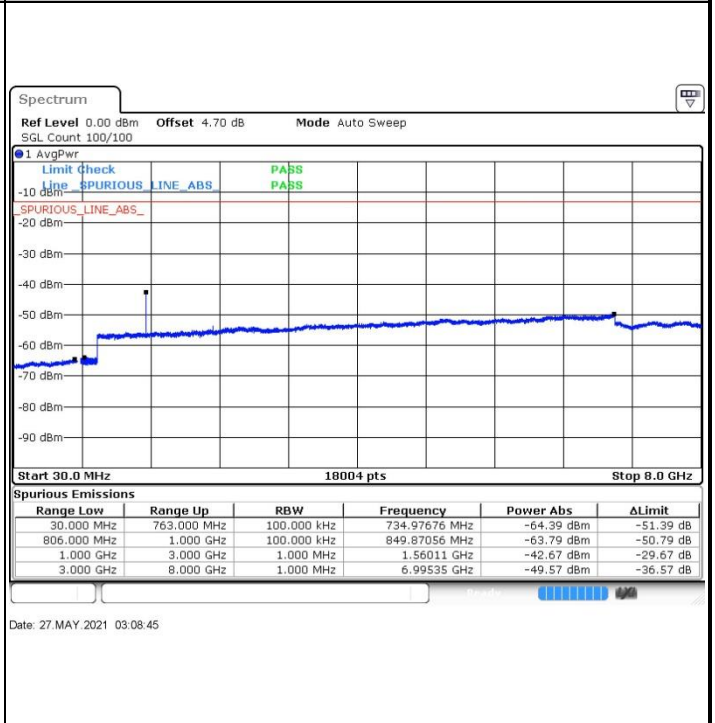


LTE Band 13 / 5MHz

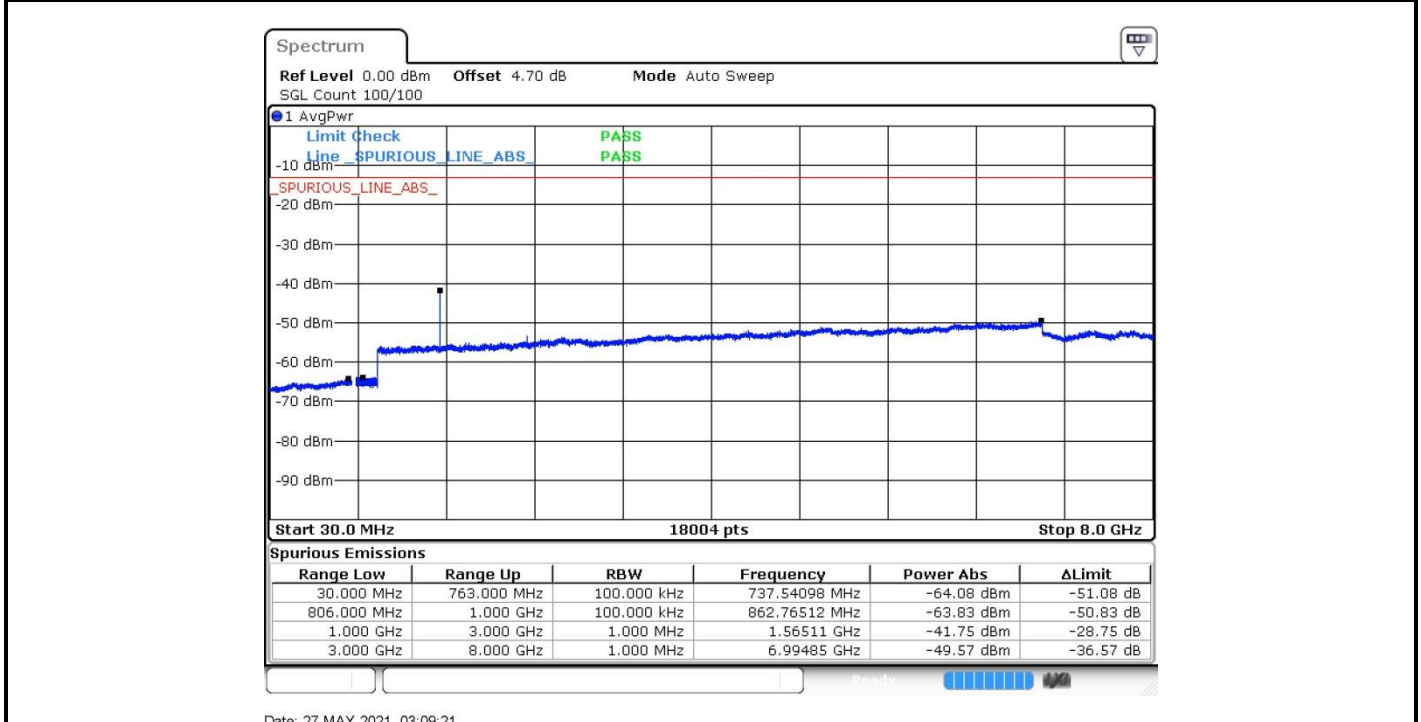
Lowest Channel / QPSK



Middle Channel / QPSK



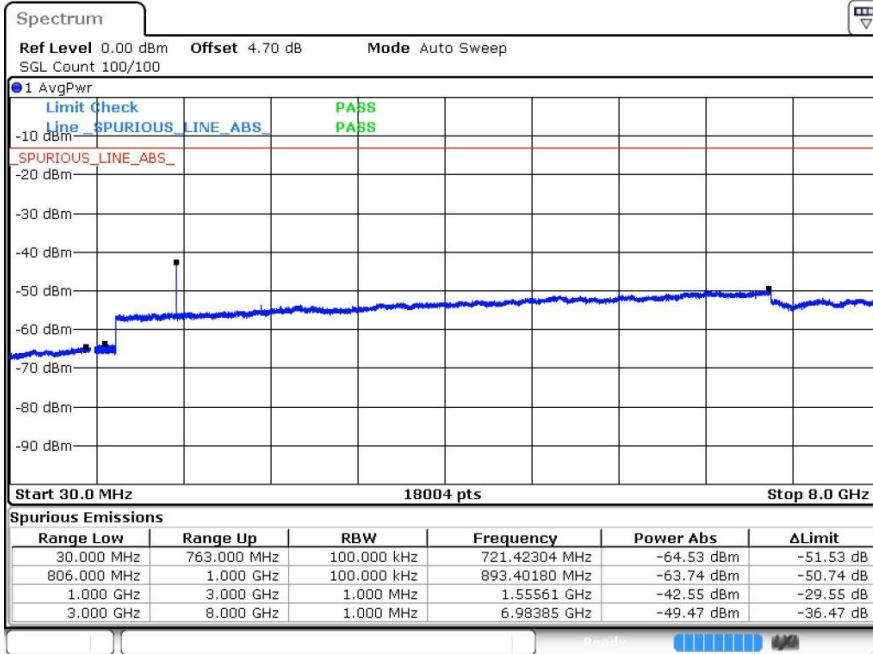
Highest Channel / QPSK





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 27.MAY.2021 03:05:48



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	0.0051	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0008	

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_Part 22H

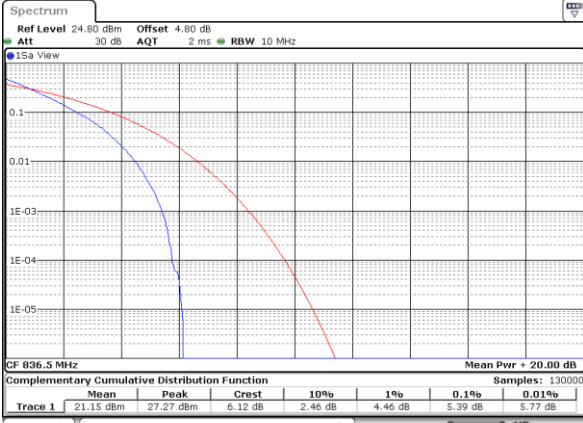
Peak-to-Average Ratio

Mode	LTE Band 26 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.39	6.14	5.33	PASS
Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.42	6.32	6.26	PASS



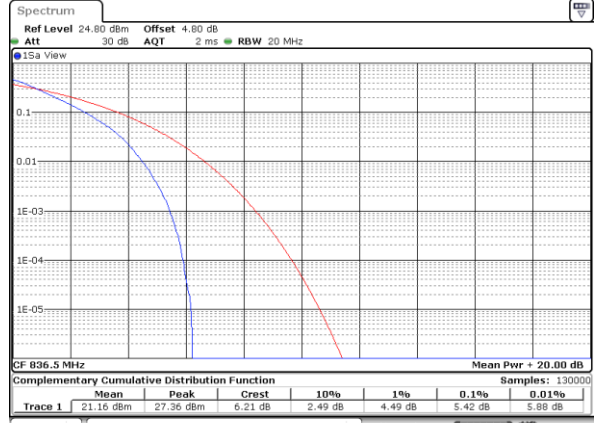
LTE Band 26 / 15MHz

Middle Channel / Full RB/ QPSK/ 10MHz



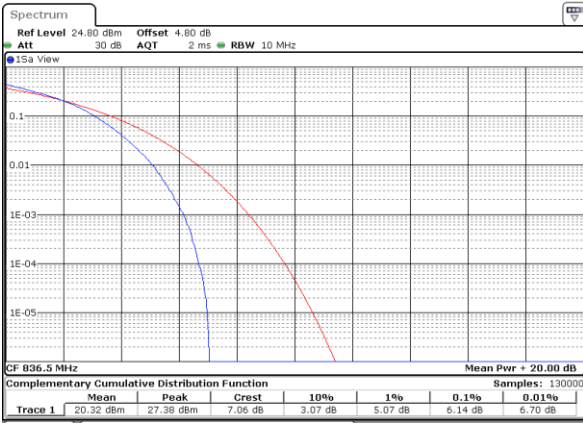
Date: 27 MAY 2021 04:54:08

Middle Channel / Full RB/ QPSK/ 15MHz



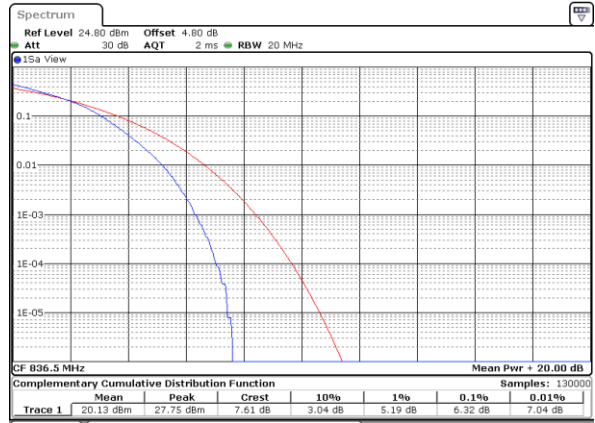
Date: 27 MAY 2021 00:12:37

Middle Channel / Full RB/ 16QAM/ 10MHz



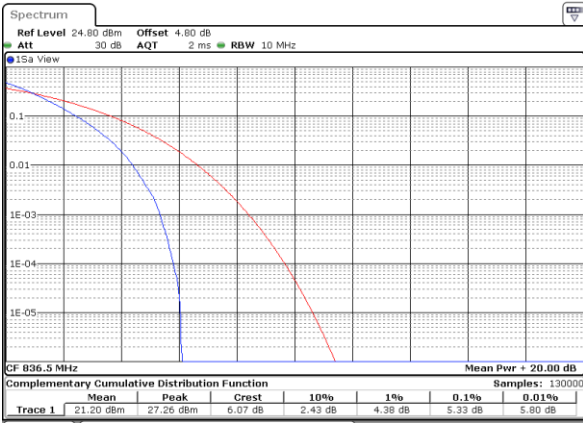
Date: 27 MAY 2021 04:54:53

Middle Channel / Full RB/ 16QAM/ 15MHz



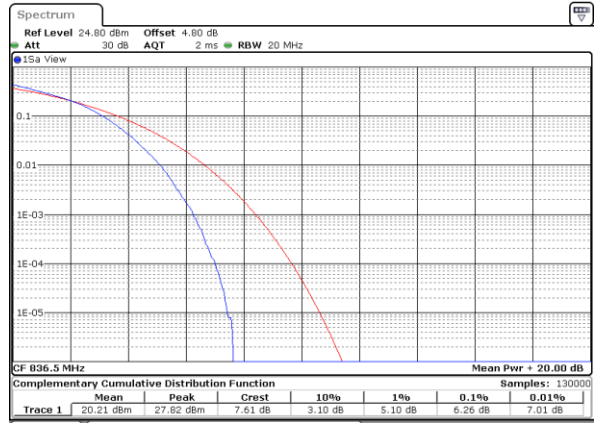
Date: 27 MAY 2021 00:13:40

Middle Channel / Full RB/ 64QAM/ 10MHz



Date: 27 MAY 2021 04:58:16

Middle Channel / Full RB/ 64QAM/ 15MHz

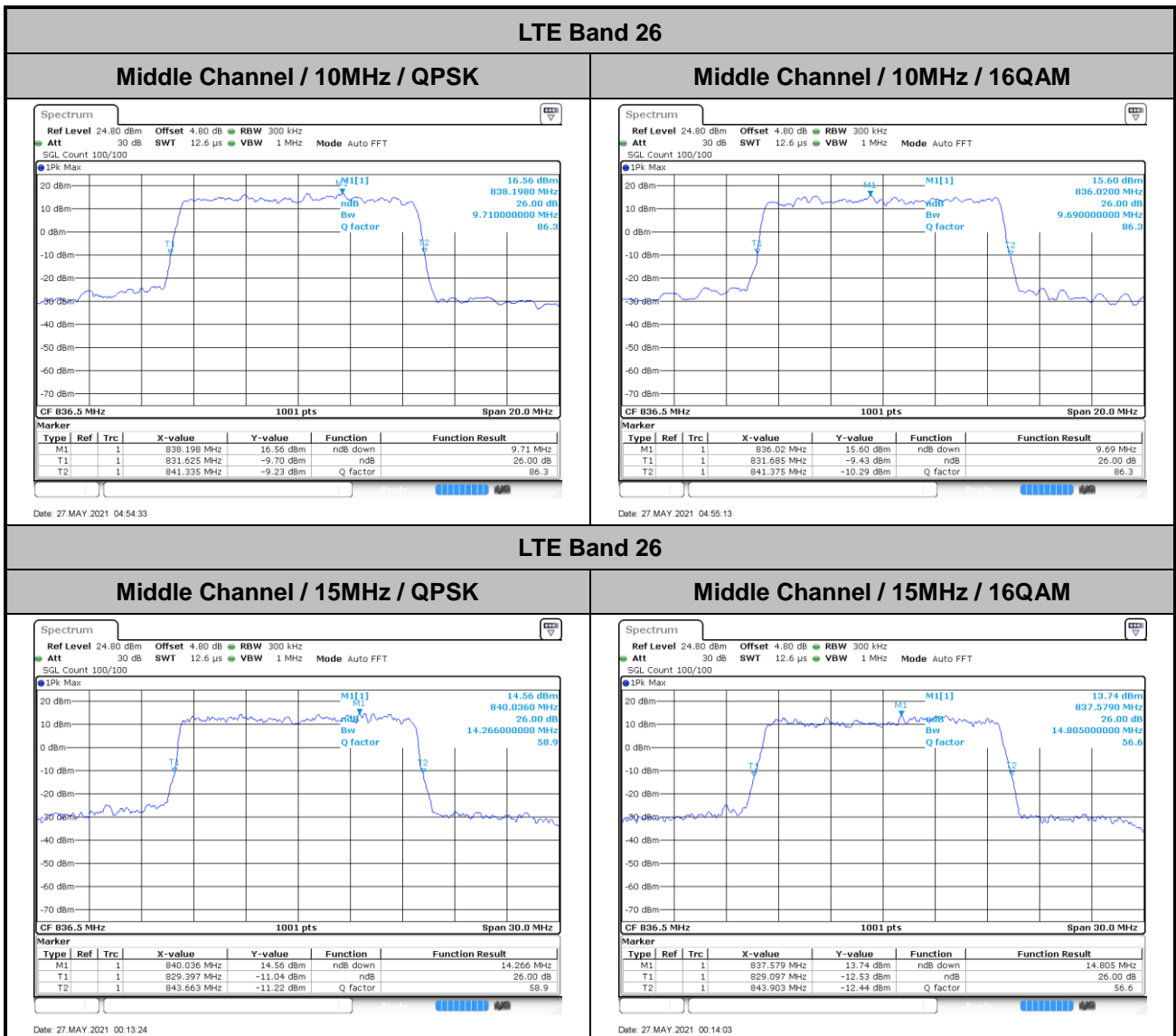


Date: 27 MAY 2021 00:14:47



26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.710	9.690
Mode	LTE Band 26 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.266	14.805





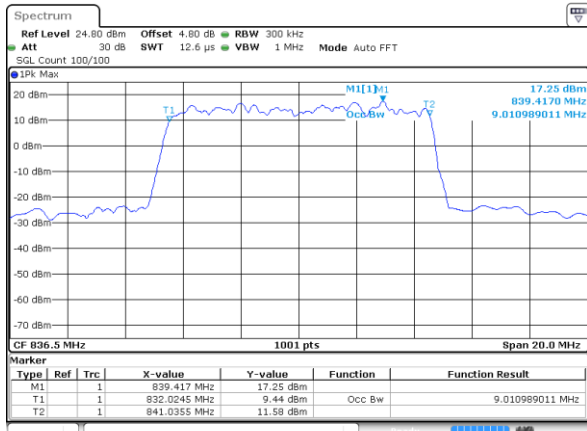
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.010	9.010
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.336	13.396
BW	CH26765	
Mod.	QPSK	16QAM
Low CH	13.426	13.396



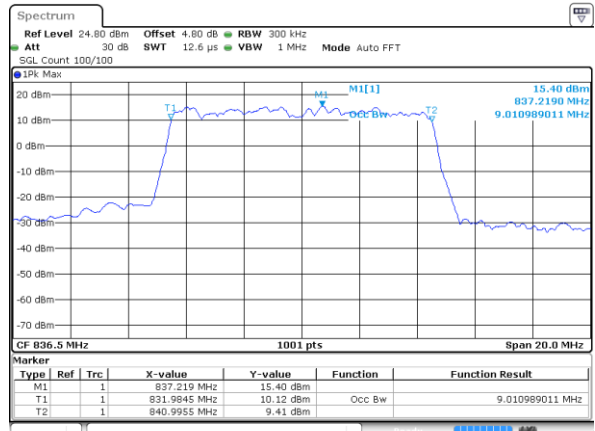
LTE Band 26

Middle Channel / 10MHz / QPSK



Date: 27 MAY 2021 04:54:19

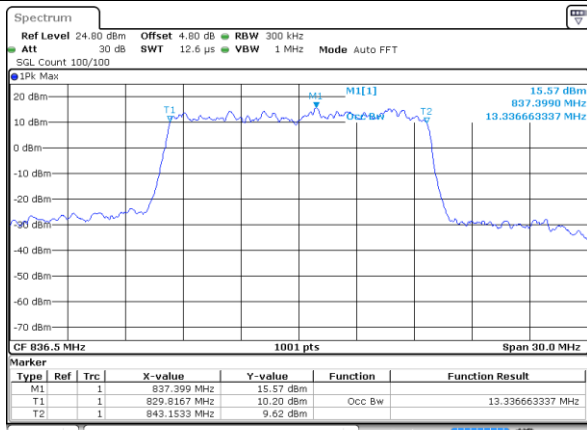
Middle Channel / 10MHz / 16QAM



Date: 27 MAY 2021 04:55:03

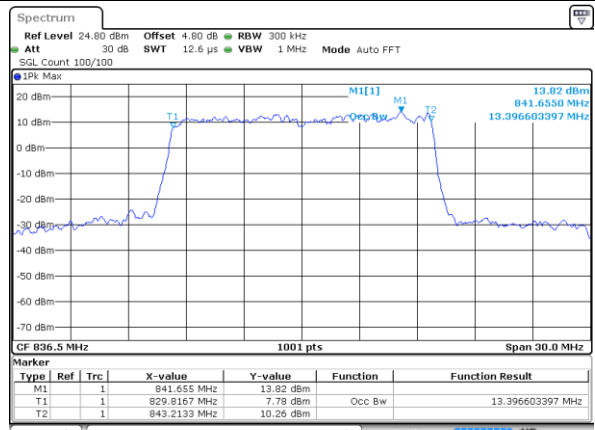
LTE Band 26

Middle Channel / 15MHz / QPSK



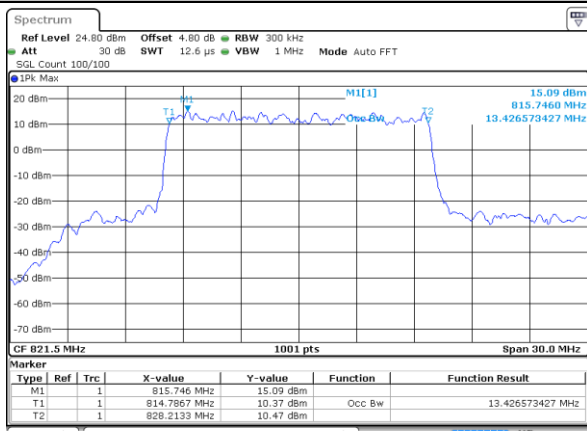
Date: 27 MAY 2021 00:12:59

Middle Channel / 15MHz / 16QAM



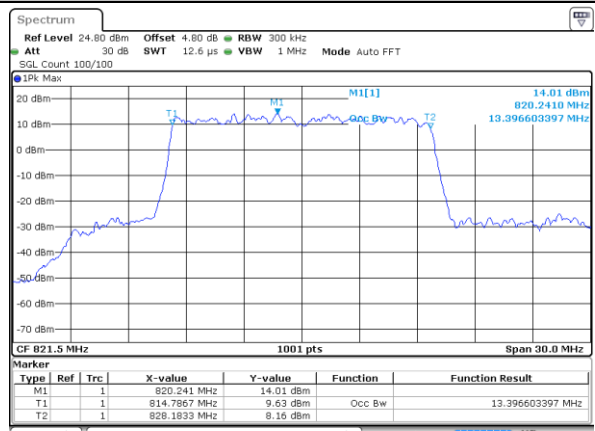
Date: 27 MAY 2021 00:13:51

CH26765 / 15MHz / QPSK



Date: 27 MAY 2021 02:48:06

CH26765 / 15MHz / 16QAM



Date: 27 MAY 2021 02:47:57



Conducted Band Edge



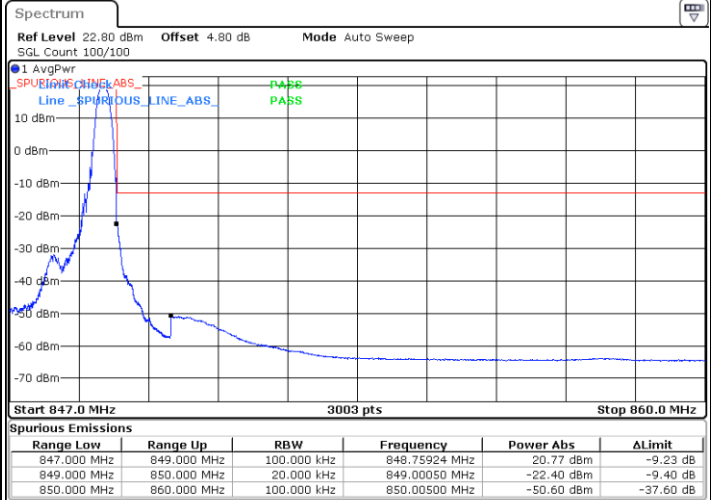
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



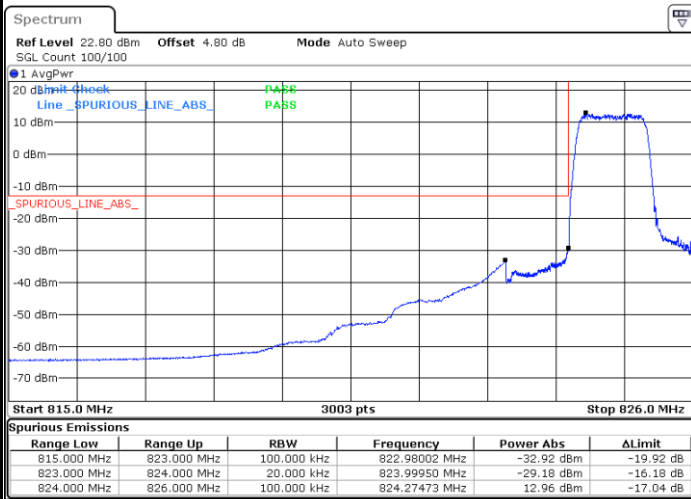
Date: 27.MAY.2021 02:15:01

Highest Band Edge / 1RB



Date: 27.MAY.2021 02:36:29

Lowest Band Edge / Full RB



Date: 27.MAY.2021 02:22:52

Highest Band Edge / Full RB

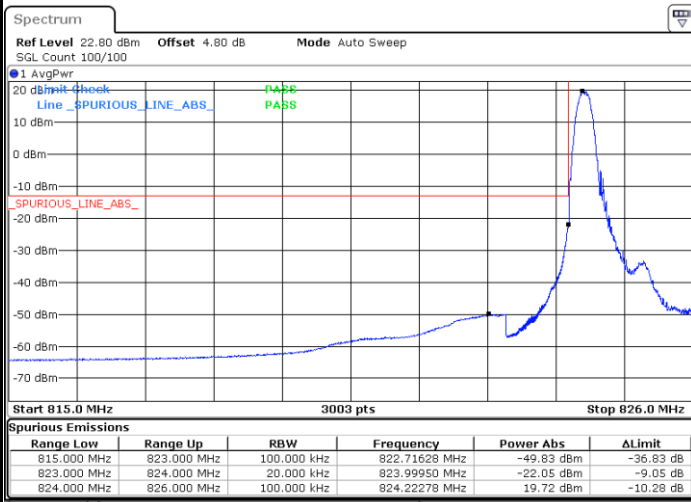


Date: 27.MAY.2021 02:24:23



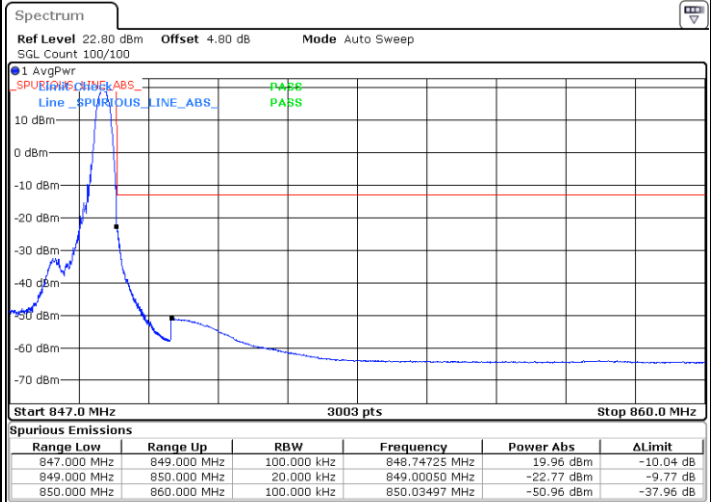
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



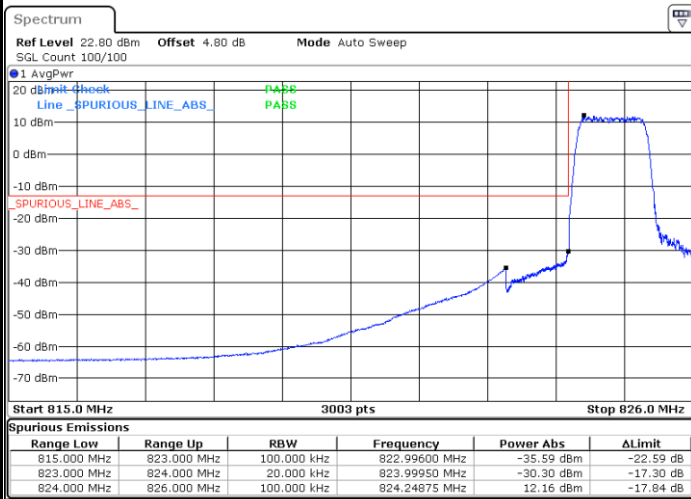
Date: 27.MAY.2021 02:16:31

Highest Band Edge / 1 RB



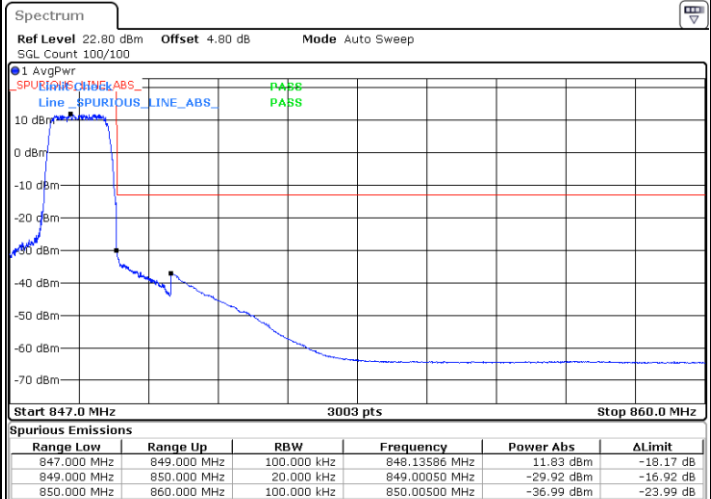
Date: 27.MAY.2021 02:34:57

Lowest Band Edge / Full RB



Date: 27.MAY.2021 02:21:12

Highest Band Edge / Full RB



Date: 27.MAY.2021 02:25:56



LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



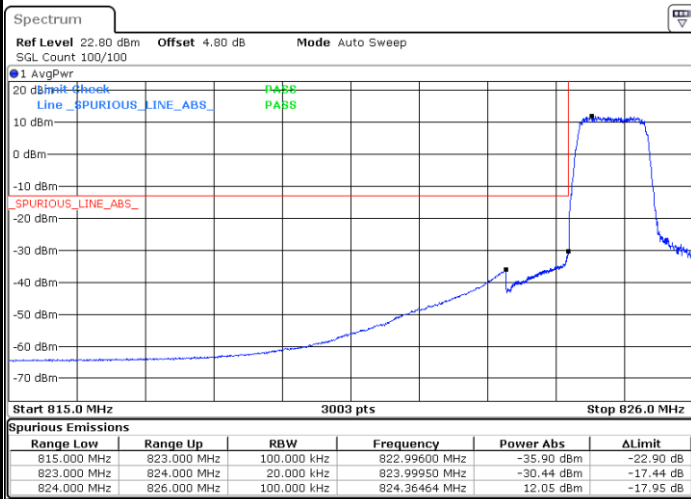
Date: 27.MAY.2021 02:18:05

Highest Band Edge / 1 RB



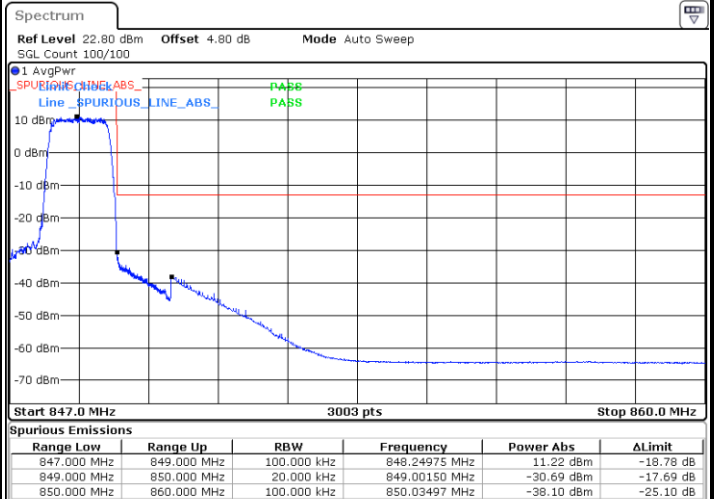
Date: 27.MAY.2021 02:30:44

Lowest Band Edge / Full RB



Date: 27.MAY.2021 02:19:40

Highest Band Edge / Full RB

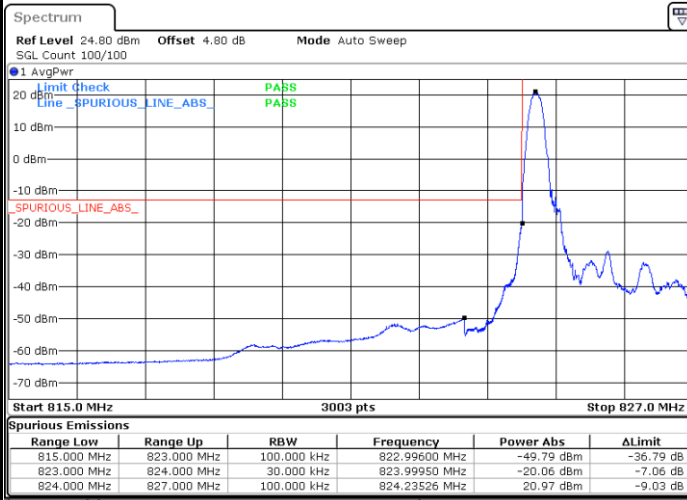


Date: 27.MAY.2021 02:27:26



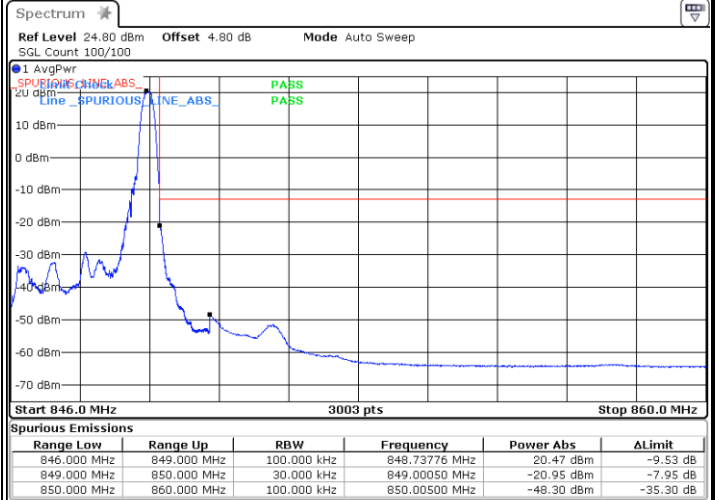
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



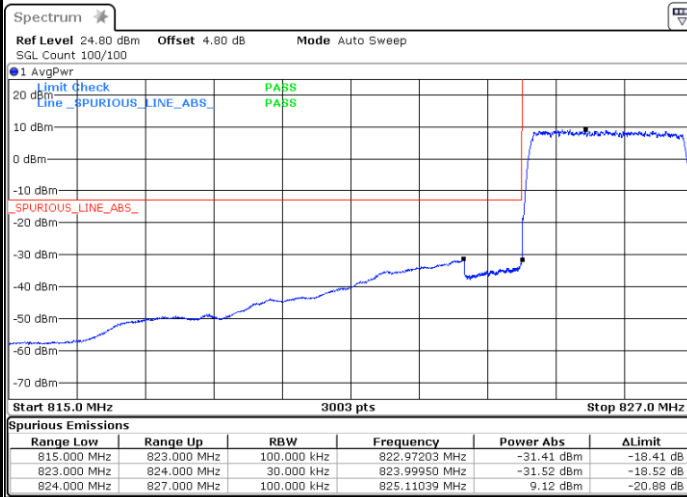
Date: 27.MAY.2021 01:51:39

Highest Band Edge / 1 RB



Date: 27.MAY.2021 02:11:59

Lowest Band Edge / Full RB



Date: 27.MAY.2021 02:01:39

Highest Band Edge / Full RB

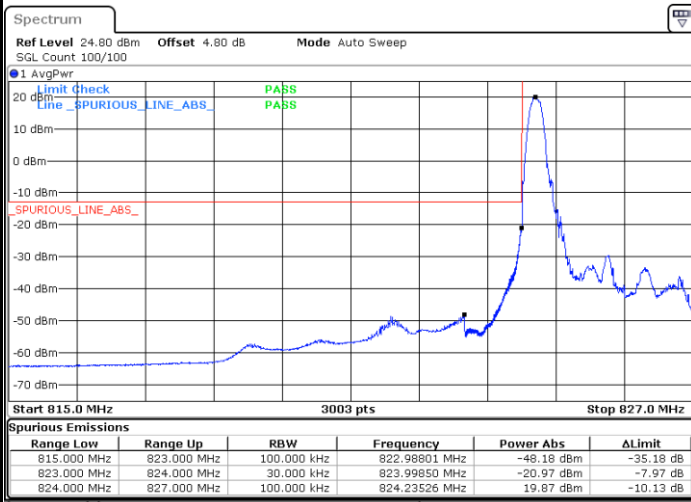


Date: 27.MAY.2021 02:02:59



LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



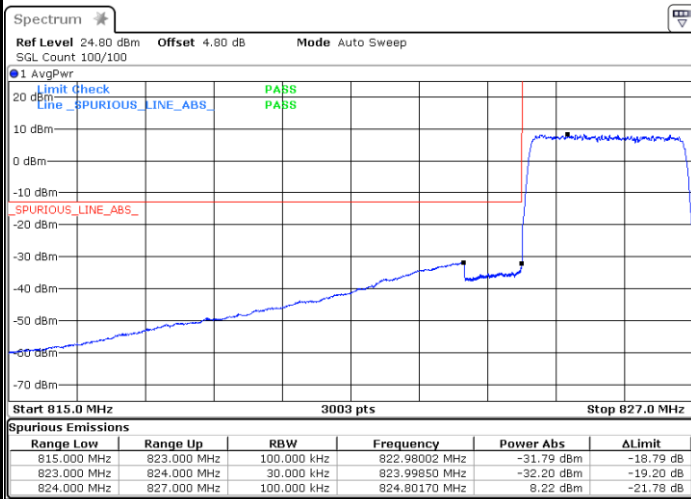
Date: 27.MAY.2021 01:52:35

Highest Band Edge / 1 RB



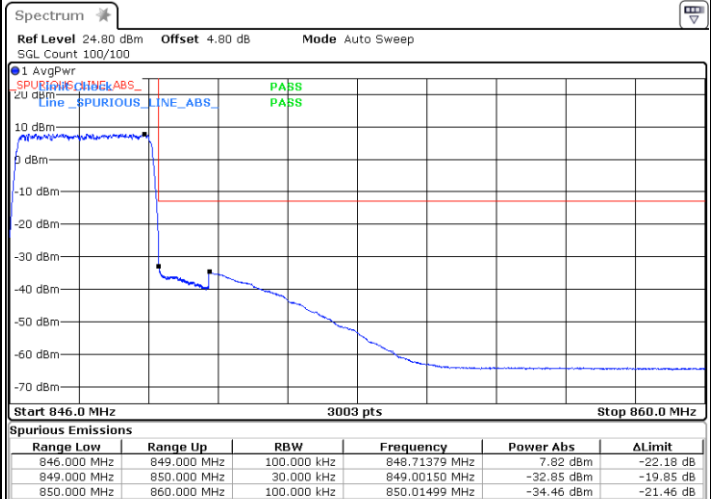
Date: 27.MAY.2021 02:10:40

Lowest Band Edge / Full RB



Date: 27.MAY.2021 02:00:32

Highest Band Edge / Full RB



Date: 27.MAY.2021 02:04:13