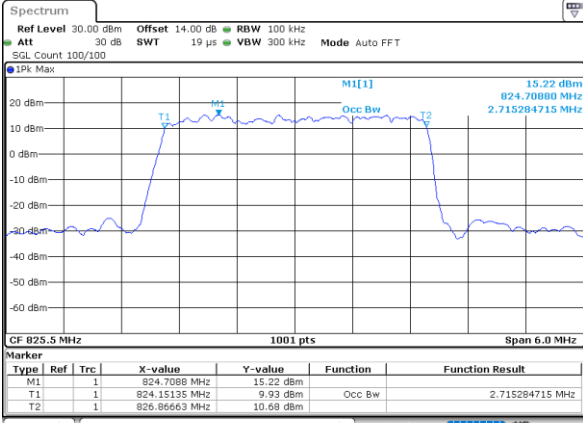




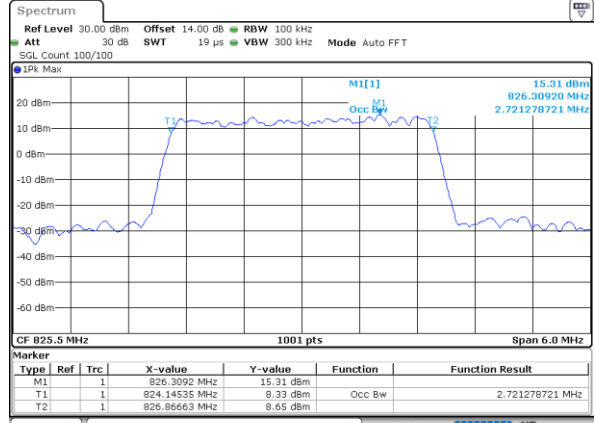
LTE Band 5

Lowest Channel / 3MHz / QPSK



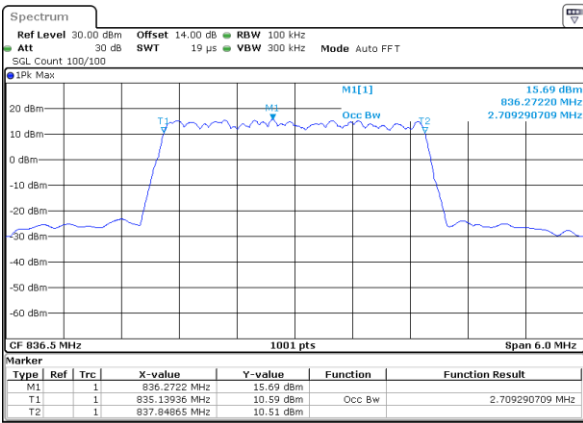
Date: 28.NOV.2022 09:48:10

Lowest Channel / 3MHz / 16QAM



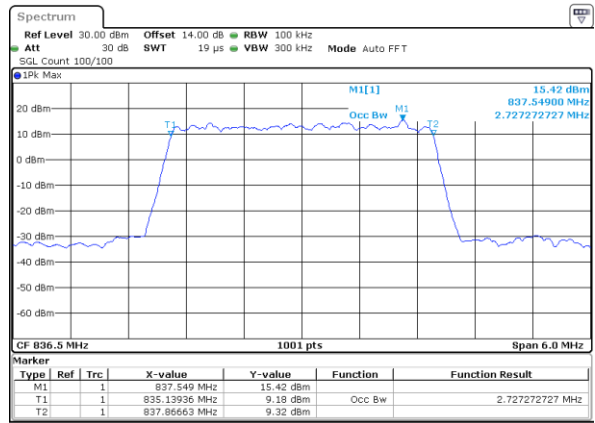
Date: 28.NOV.2022 09:48:134

Middle Channel / 3MHz / QPSK



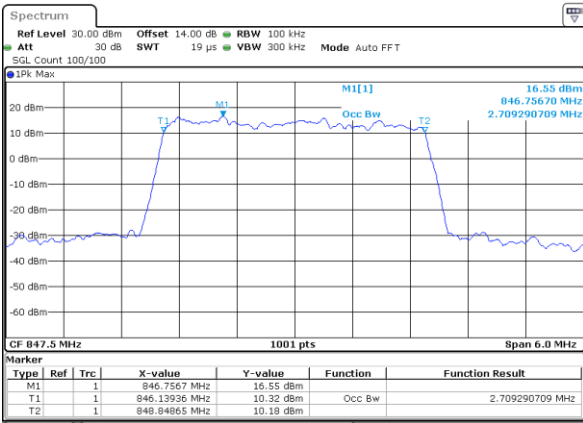
Date: 28.NOV.2022 09:59:40

Middle Channel / 3MHz / 16QAM



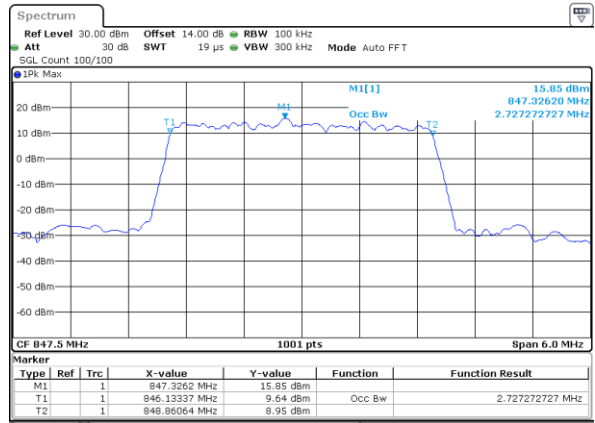
Date: 28.NOV.2022 10:00:03

Highest Channel / 3MHz / QPSK



Date: 28.NOV.2022 10:01:38

Highest Channel / 3MHz / 16QAM

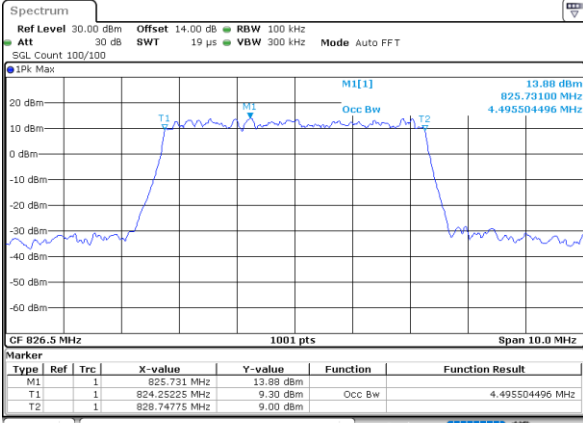


Date: 28.NOV.2022 10:04:02



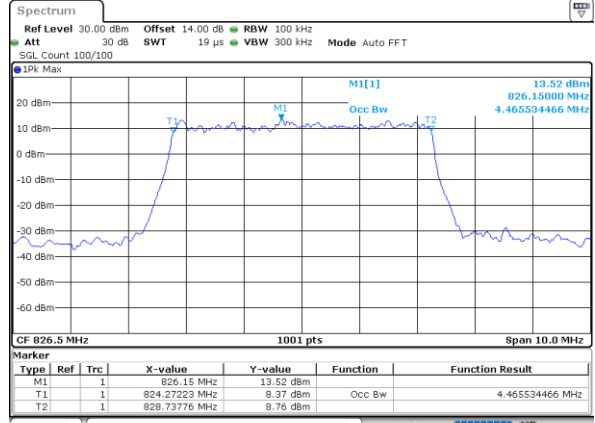
LTE Band 5

Lowest Channel / 5MHz / QPSK



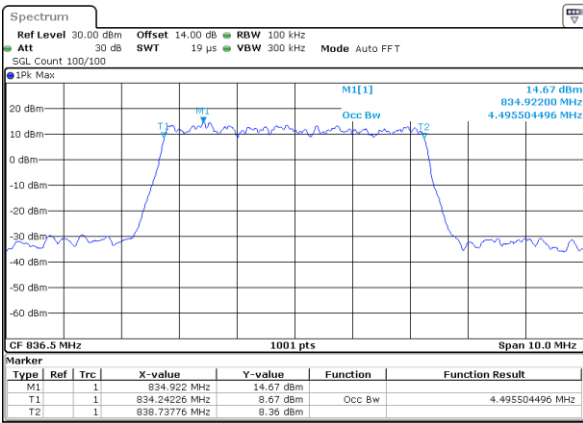
Date: 28\_NOV\_2022 10:28:10

Lowest Channel / 5MHz / 16QAM



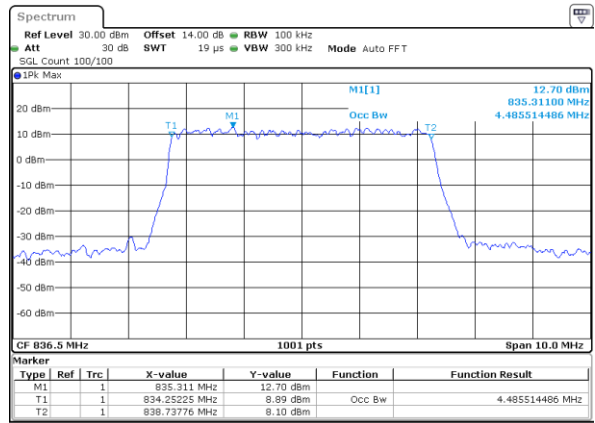
Date: 28\_NOV\_2022 10:28:34

Middle Channel / 5MHz / QPSK



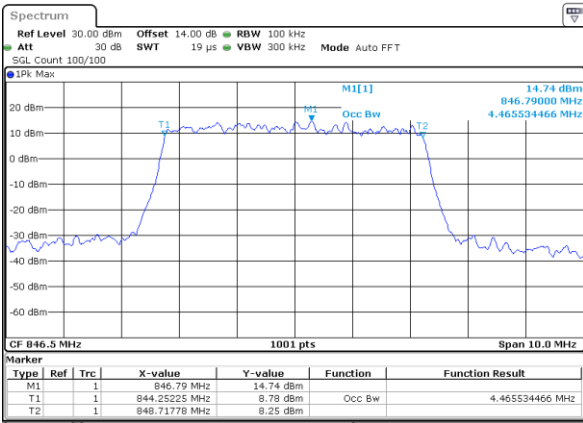
Date: 28\_NOV\_2022 10:39:40

Middle Channel / 5MHz / 16QAM



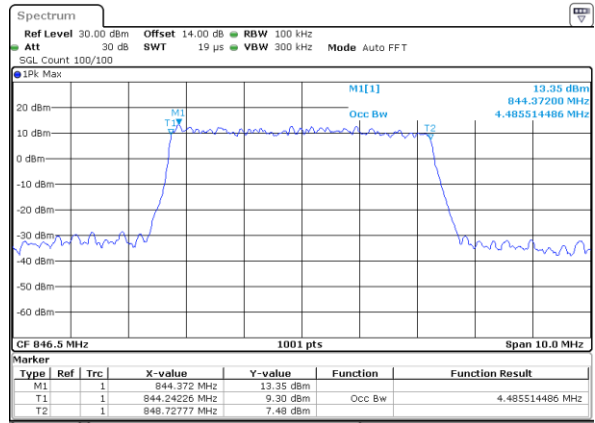
Date: 28\_NOV\_2022 10:40:03

Highest Channel / 5MHz / QPSK



Date: 28\_NOV\_2022 10:43:38

Highest Channel / 5MHz / 16QAM

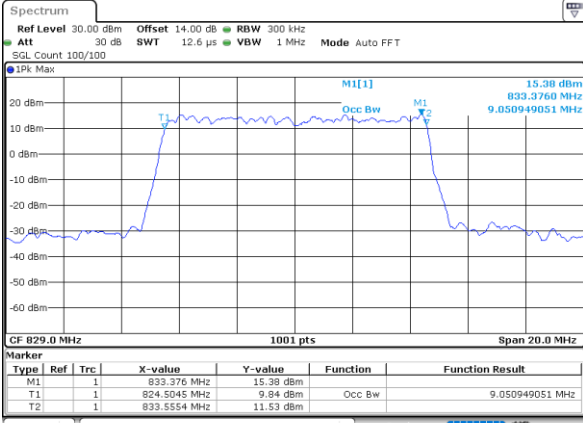


Date: 28\_NOV\_2022 10:44:02



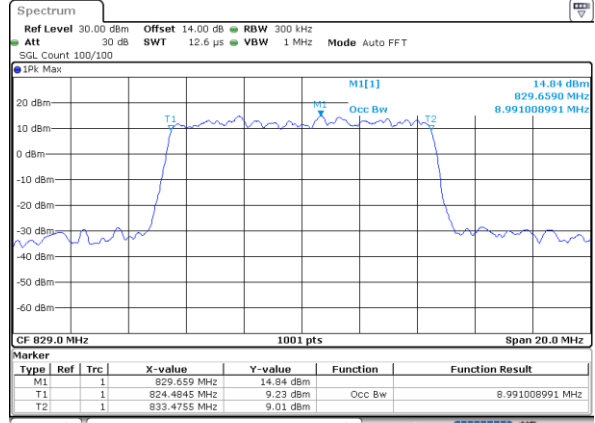
LTE Band 5

Lowest Channel / 10MHz / QPSK



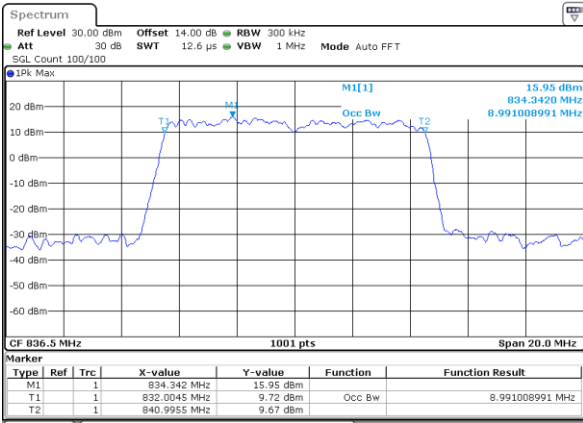
Date: 28\_NOV.2022 11:06:59

Lowest Channel / 10MHz / 16QAM



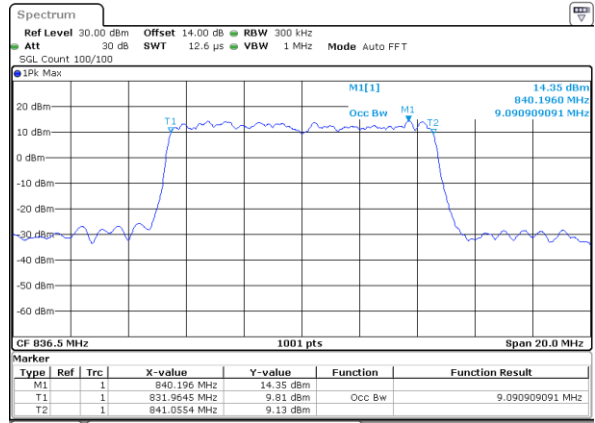
Date: 28\_NOV.2022 11:07:23

Middle Channel / 10MHz / QPSK



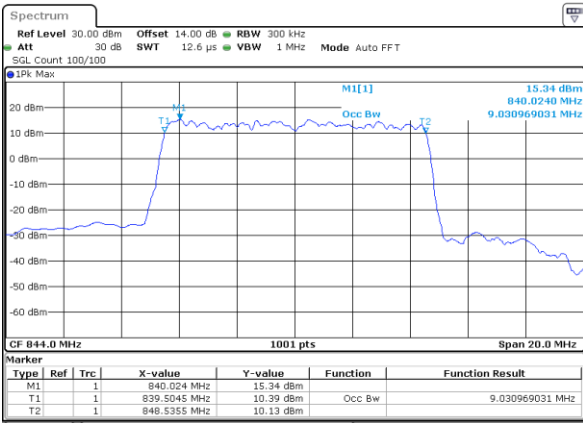
Date: 28\_NOV.2022 11:18:30

Middle Channel / 10MHz / 16QAM



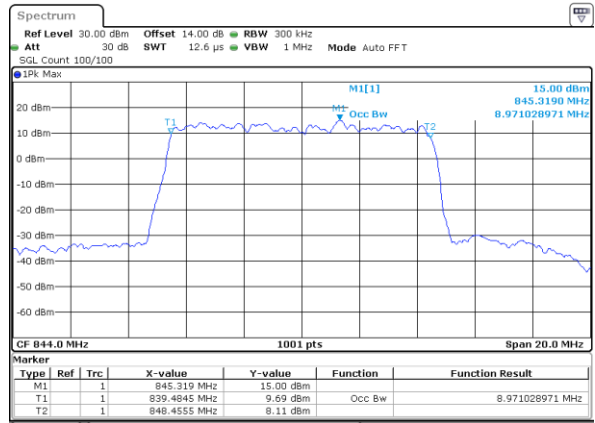
Date: 28\_NOV.2022 11:18:53

Highest Channel / 10MHz / QPSK



Date: 28\_NOV.2022 11:22:28

Highest Channel / 10MHz / 16QAM

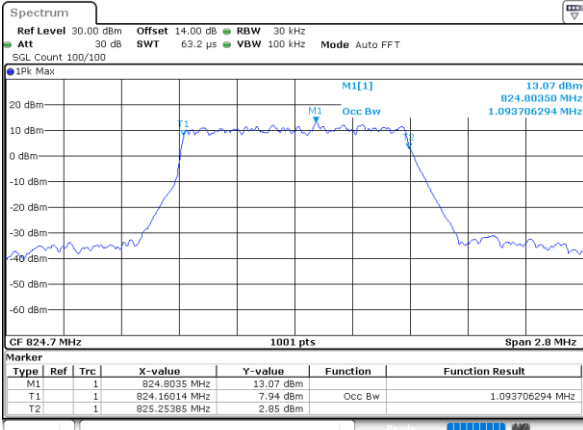


Date: 28\_NOV.2022 11:22:52



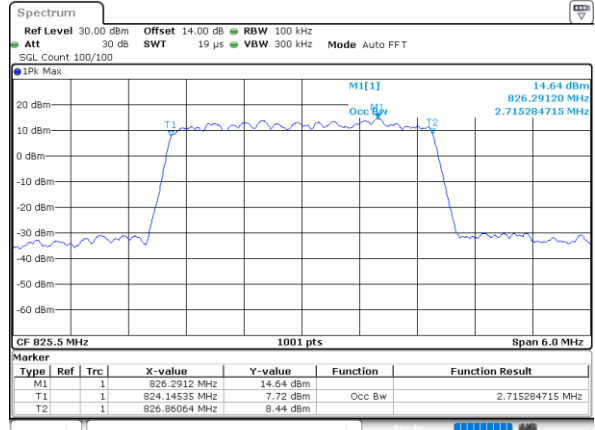
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



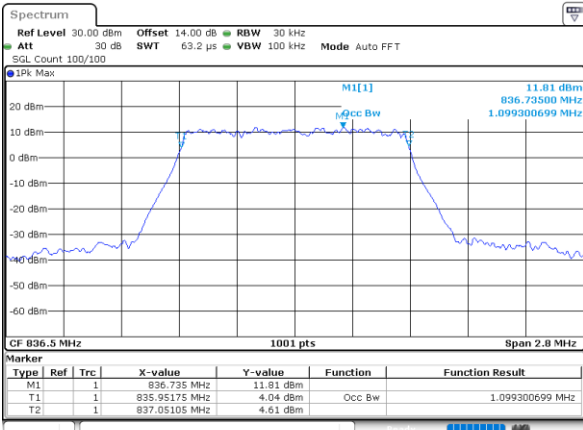
Date: 28.NOV.2022 09:35:19

Lowest Channel / 3MHz / 64QAM



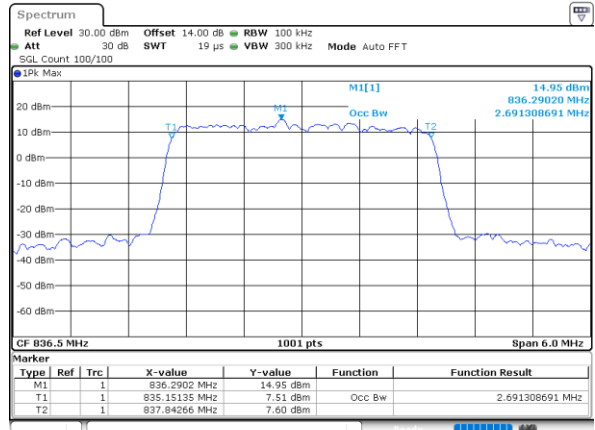
Date: 28.NOV.2022 10:15:09

Middle Channel / 1.4MHz / 64QAM



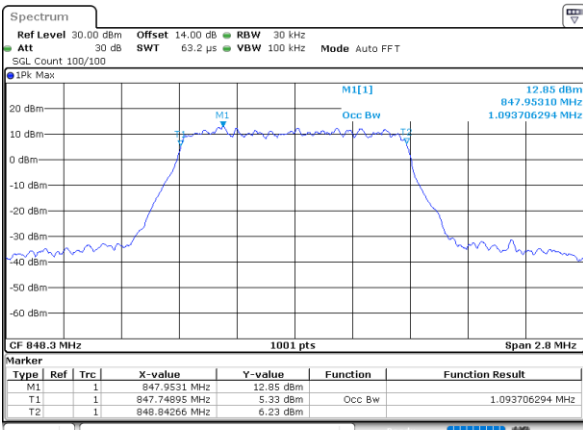
Date: 28.NOV.2022 09:40:54

Middle Channel / 3MHz / 64QAM



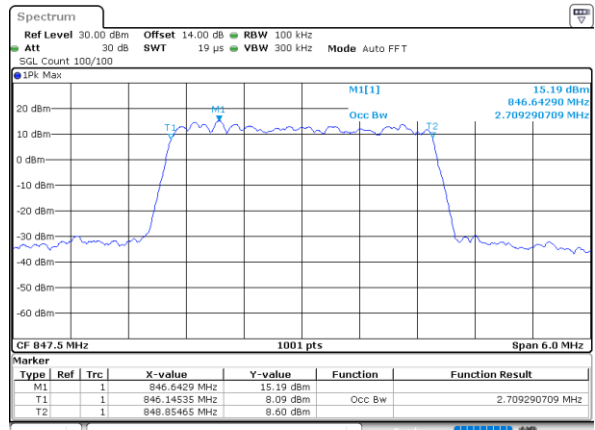
Date: 28.NOV.2022 10:20:44

Highest Channel / 1.4MHz / 64QAM



Date: 28.NOV.2022 09:42:44

Highest Channel / 3MHz / 64QAM

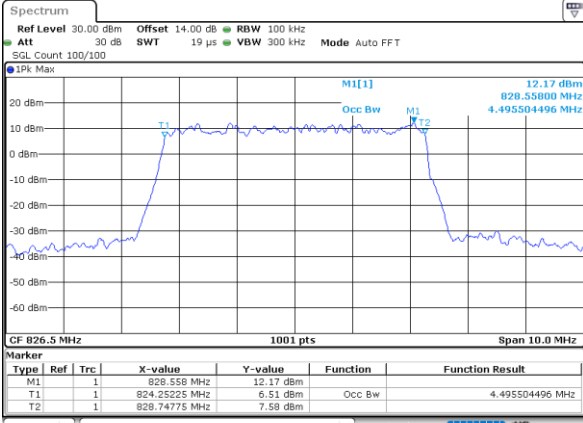


Date: 28.NOV.2022 10:22:34



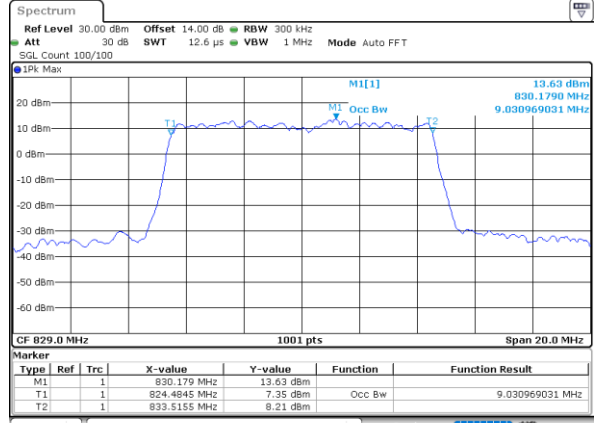
LTE Band 5

Lowest Channel / 5MHz / 64QAM



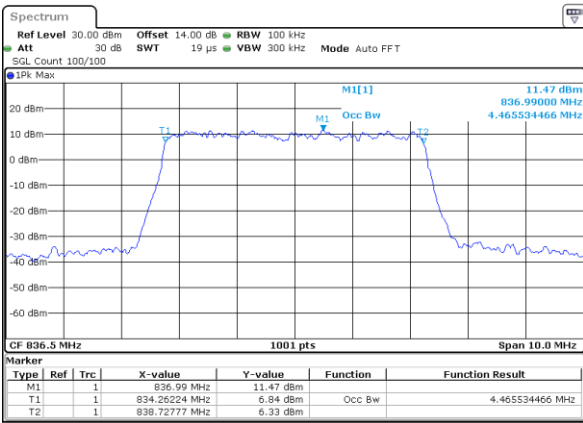
Date: 28\_NOV.2022 10:55:09

Lowest Channel / 10MHz / 64QAM



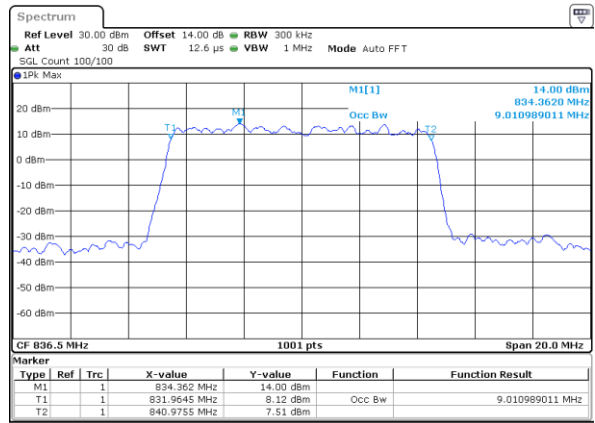
Date: 28\_NOV.2022 11:35:12

Middle Channel / 5MHz / 64QAM



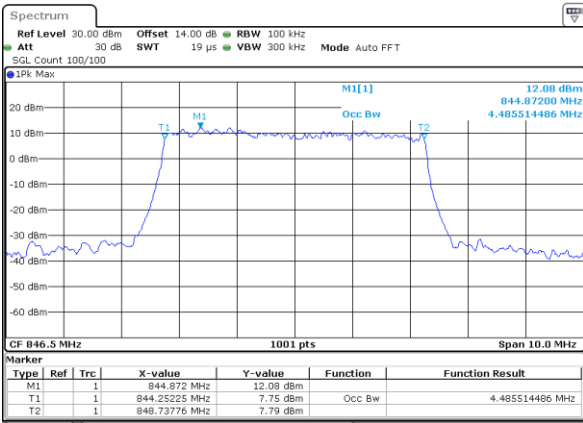
Date: 28\_NOV.2022 11:00:45

Middle Channel / 10MHz / 64QAM



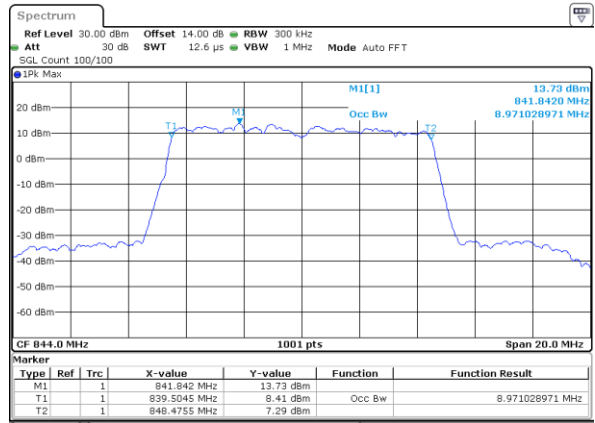
Date: 28\_NOV.2022 11:40:48

Highest Channel / 5MHz / 64QAM



Date: 28\_NOV.2022 11:02:35

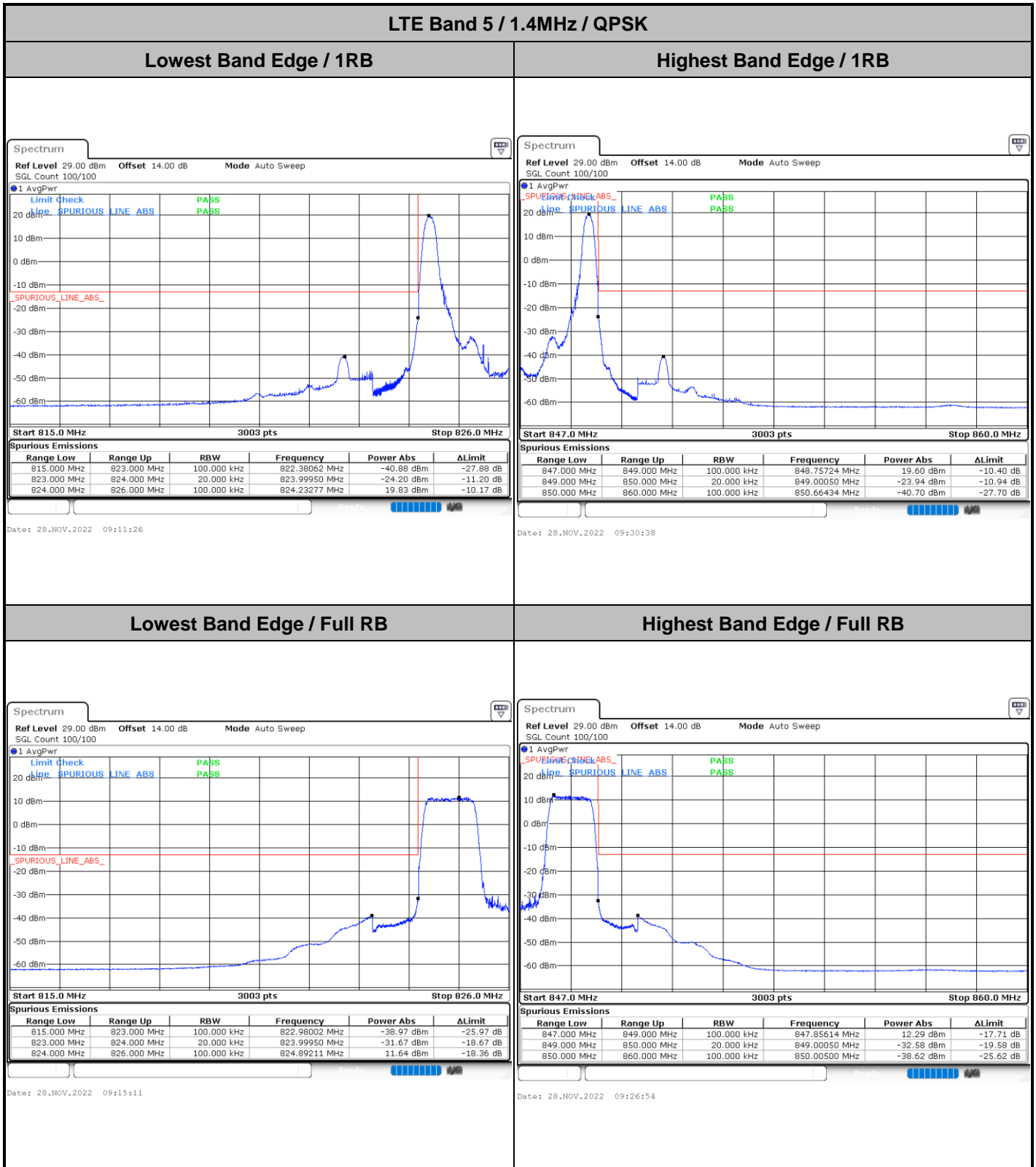
Highest Channel / 10MHz / 64QAM



Date: 28\_NOV.2022 11:42:38



# Conducted Band Edge





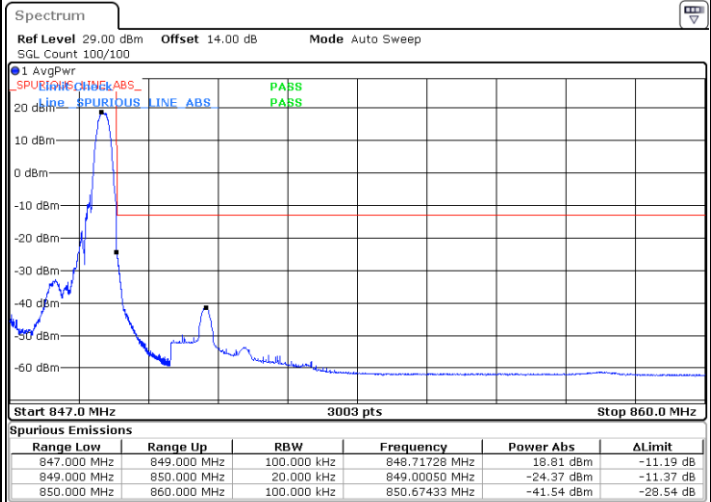
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



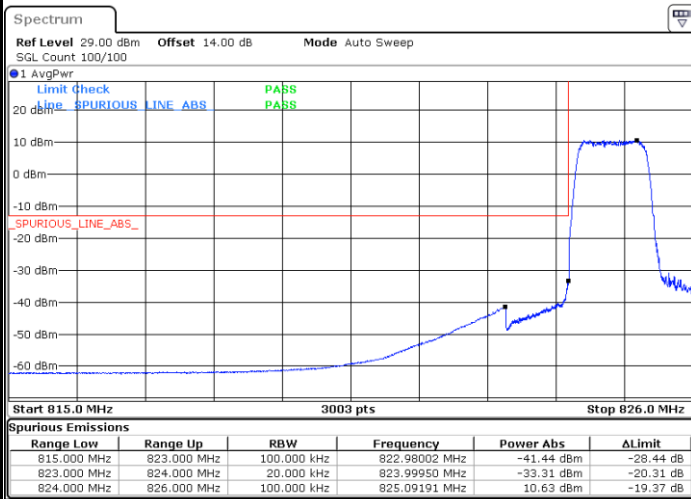
Date: 28.NOV.2022 09:13:19

Highest Band Edge / 1 RB



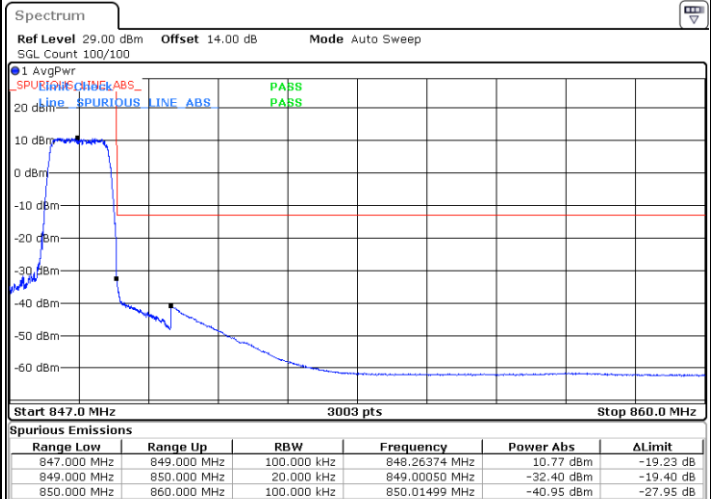
Date: 28.NOV.2022 09:32:31

Lowest Band Edge / Full RB



Date: 28.NOV.2022 09:17:03

Highest Band Edge / Full RB

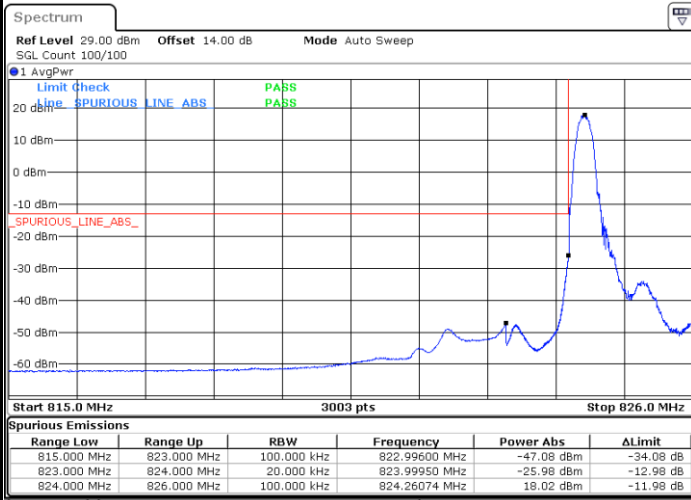


Date: 28.NOV.2022 09:28:46



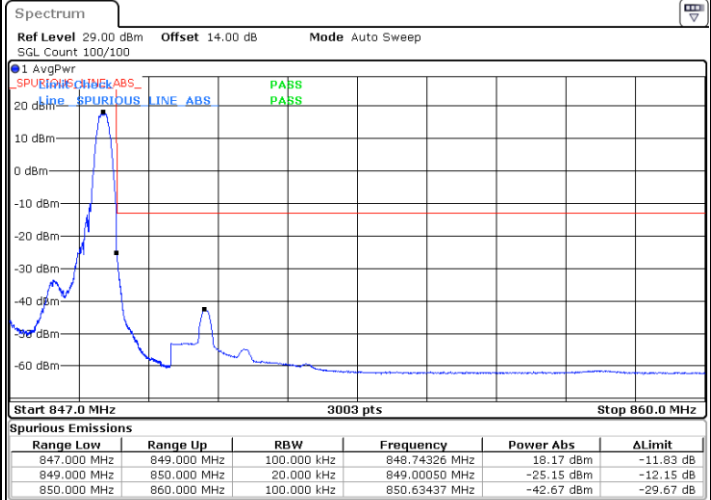
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



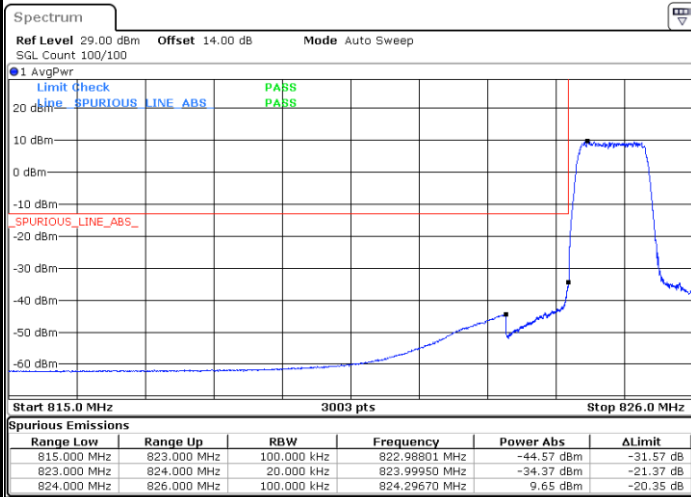
Date: 28.NOV.2022 09:37:26

Highest Band Edge / 1 RB



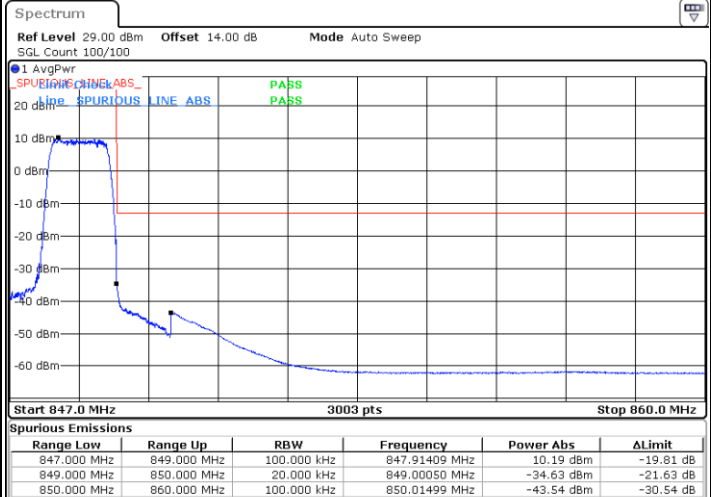
Date: 28.NOV.2022 09:46:34

Lowest Band Edge / Full RB



Date: 28.NOV.2022 09:39:18

Highest Band Edge / Full RB



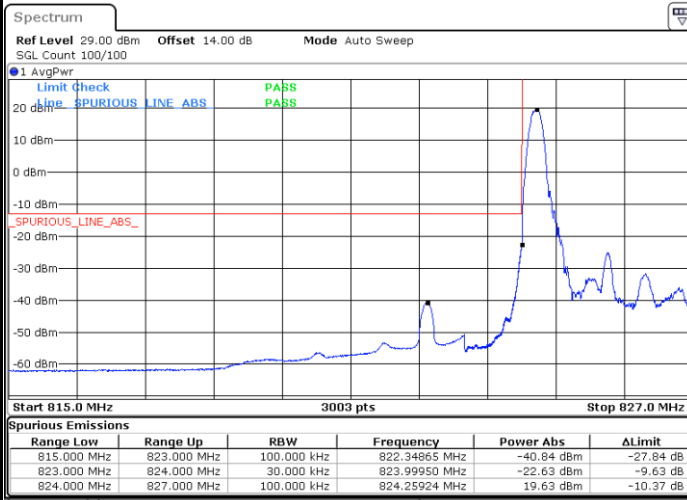
Date: 28.NOV.2022 09:44:42





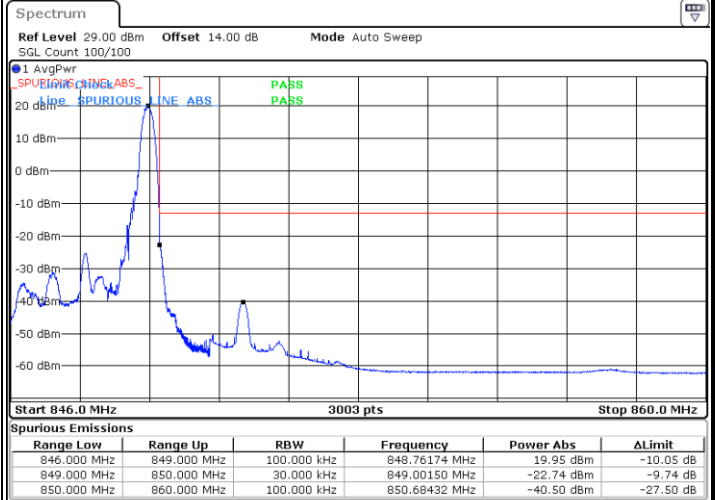
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



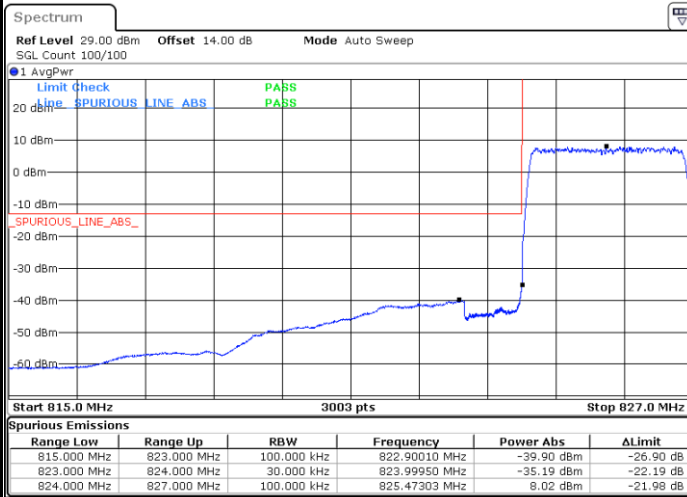
Date: 28.NOV.2022 09:51:14

Highest Band Edge / 1 RB



Date: 28.NOV.2022 10:06:43

Lowest Band Edge / Full RB



Date: 28.NOV.2022 09:54:59

Highest Band Edge / Full RB

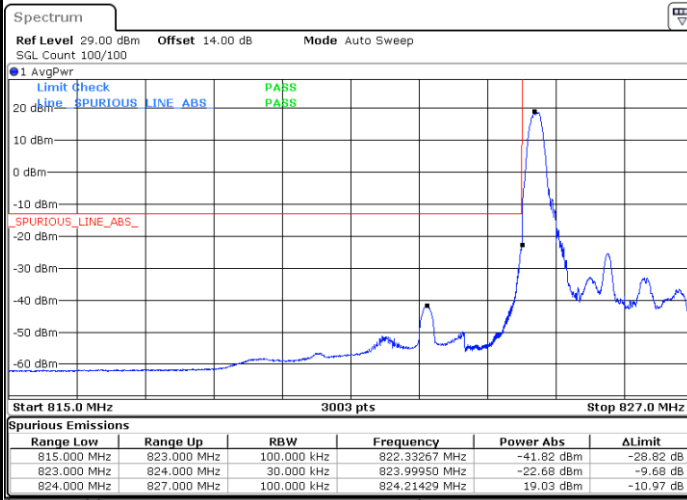


Date: 28.NOV.2022 10:10:28



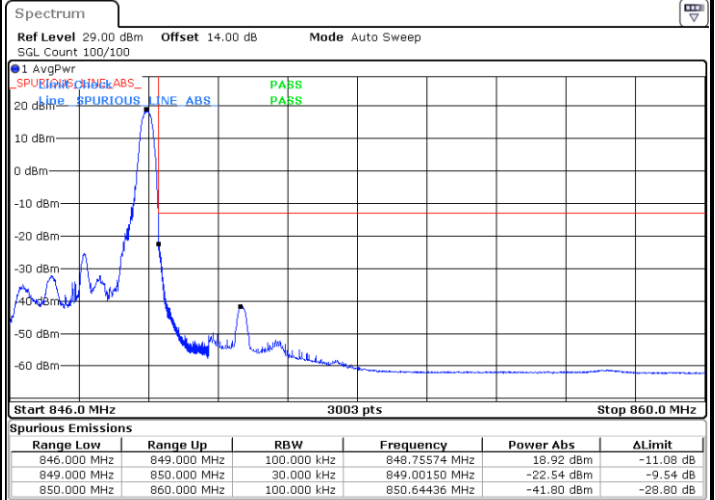
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



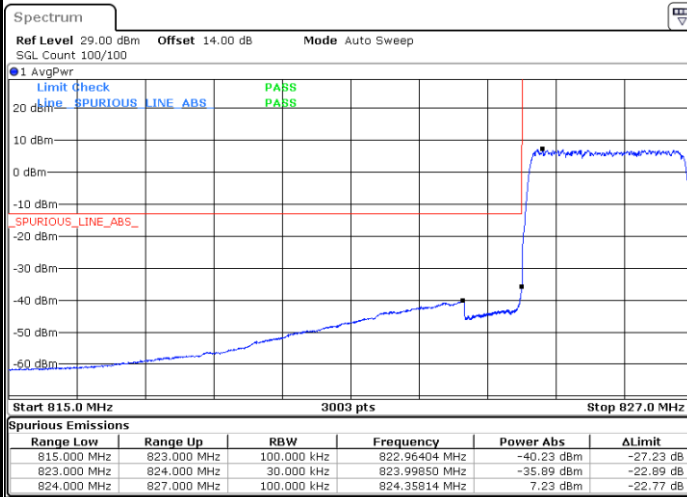
Date: 28.NOV.2022 09:53:07

Highest Band Edge / 1 RB



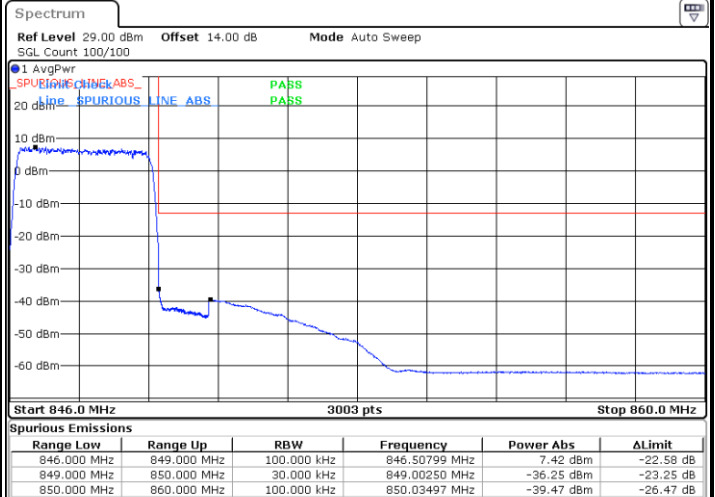
Date: 28.NOV.2022 10:08:36

Lowest Band Edge / Full RB



Date: 28.NOV.2022 09:56:51

Highest Band Edge / Full RB

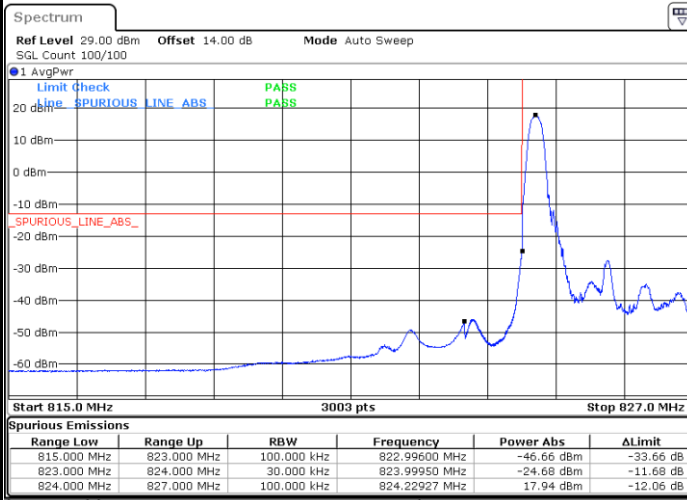


Date: 28.NOV.2022 10:12:20



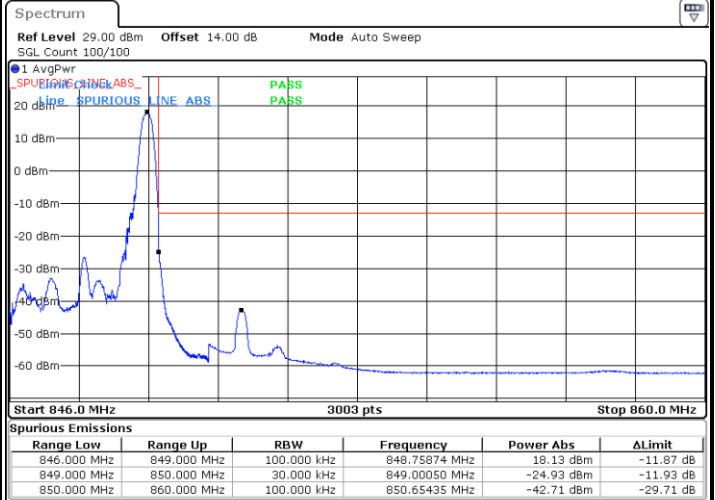
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



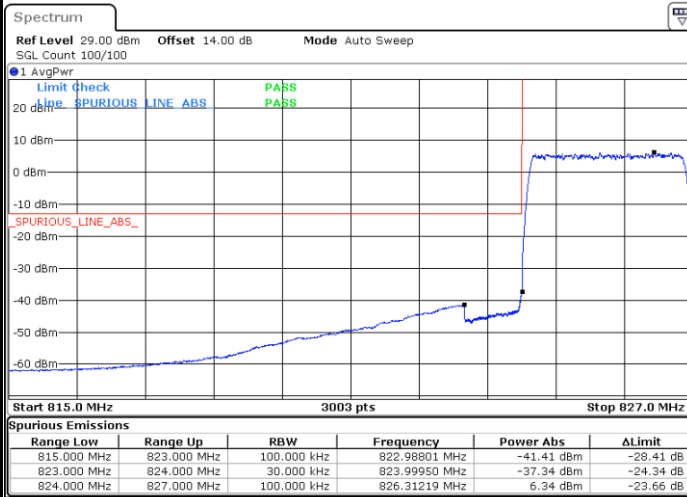
Date: 28.NOV.2022 10:17:16

Highest Band Edge / 1 RB



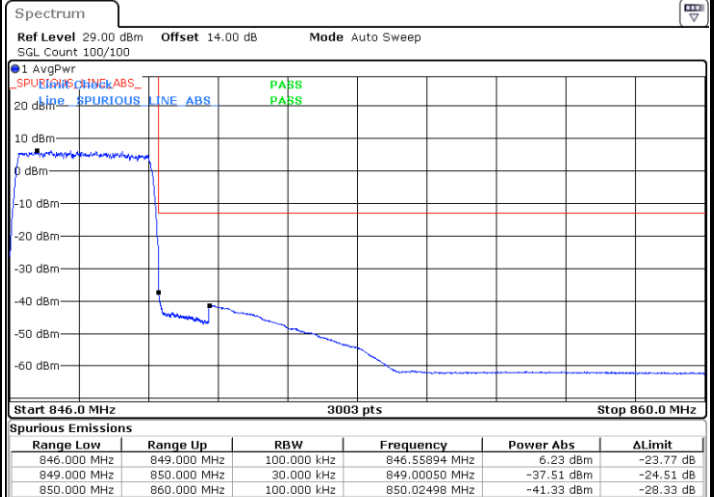
Date: 28.NOV.2022 10:24:41

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:19:08

Highest Band Edge / Full RB



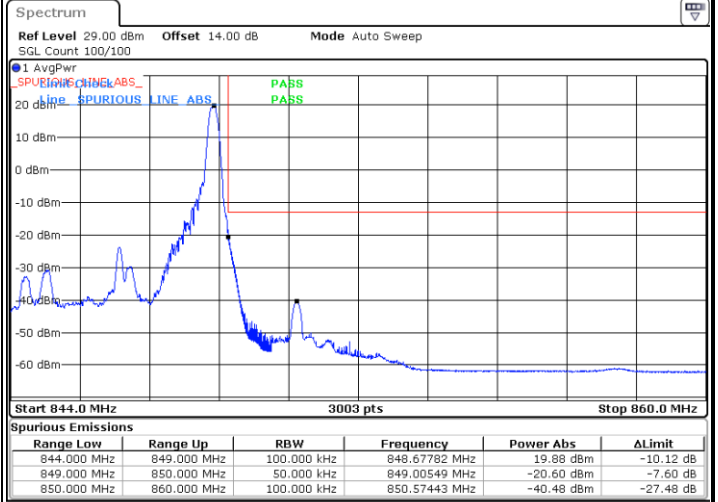
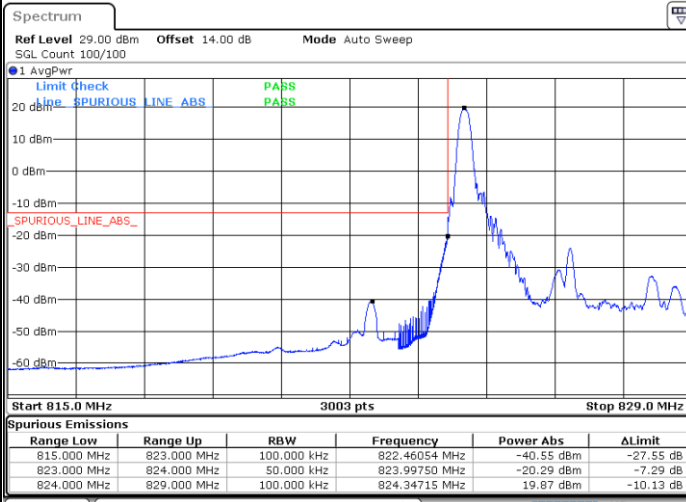
Date: 28.NOV.2022 10:26:33



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

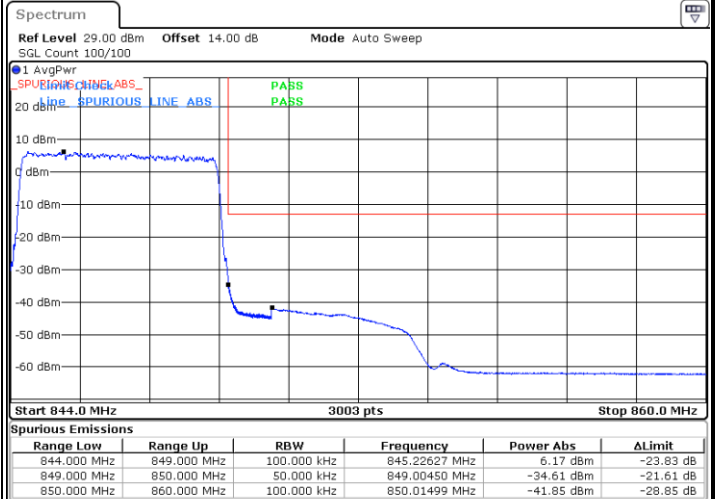
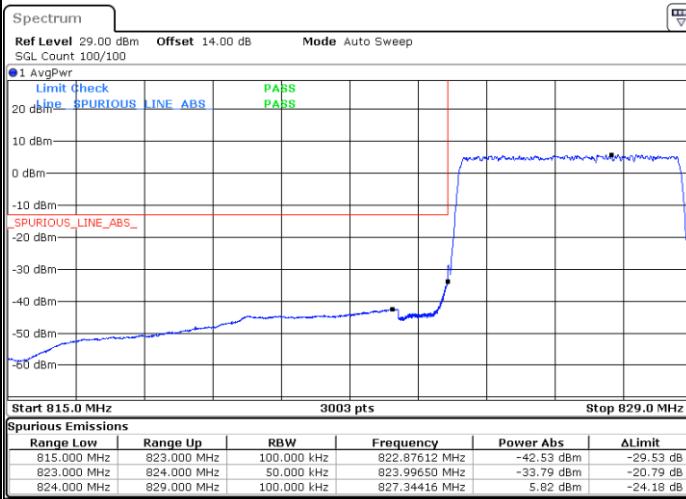


Date: 28.NOV.2022 10:31:14

Date: 28.NOV.2022 10:46:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



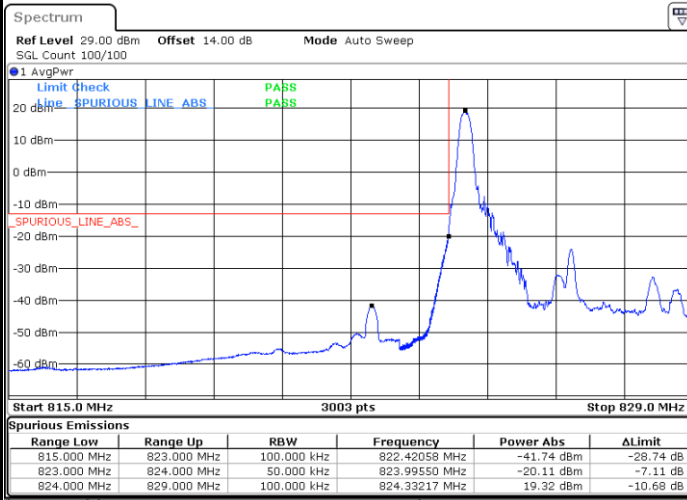
Date: 28.NOV.2022 10:34:59

Date: 28.NOV.2022 10:50:28



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



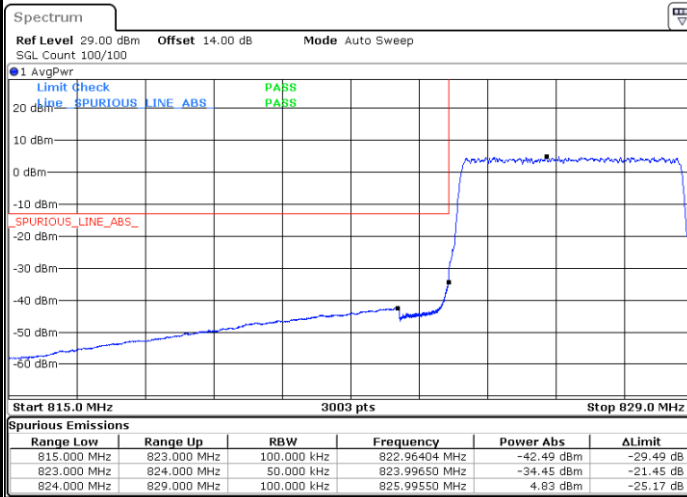
Date: 28.NOV.2022 10:33:07

Highest Band Edge / 1 RB



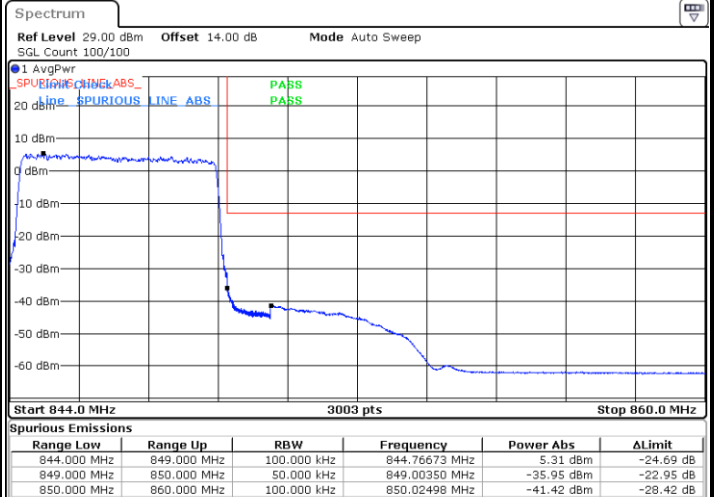
Date: 28.NOV.2022 10:48:36

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:36:51

Highest Band Edge / Full RB

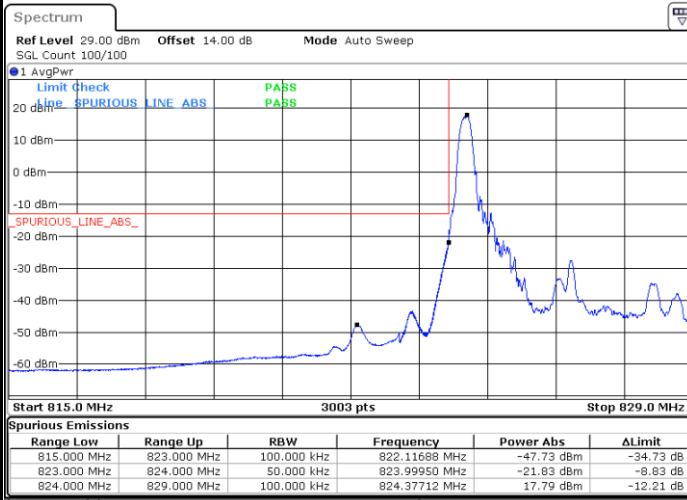


Date: 28.NOV.2022 10:52:21



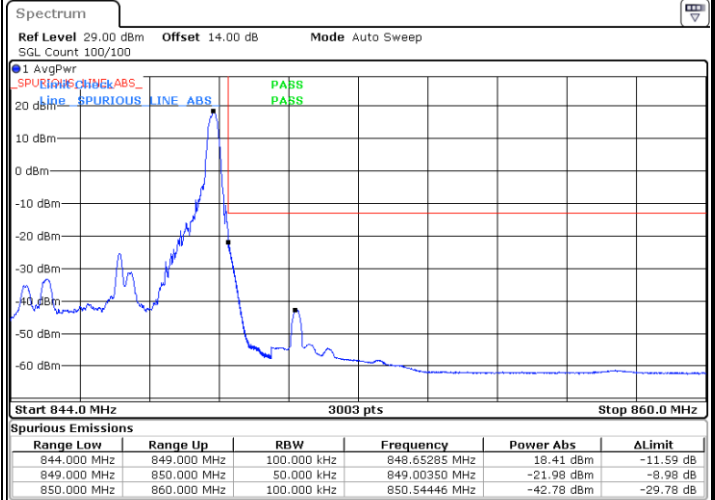
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



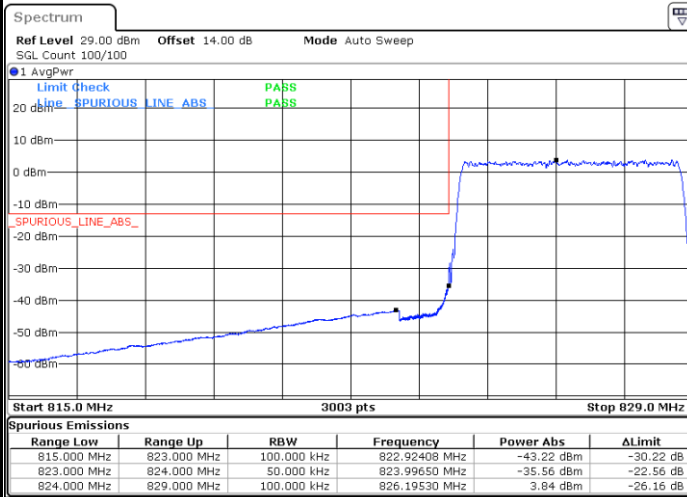
Date: 28.NOV.2022 10:57:16

Highest Band Edge / 1 RB



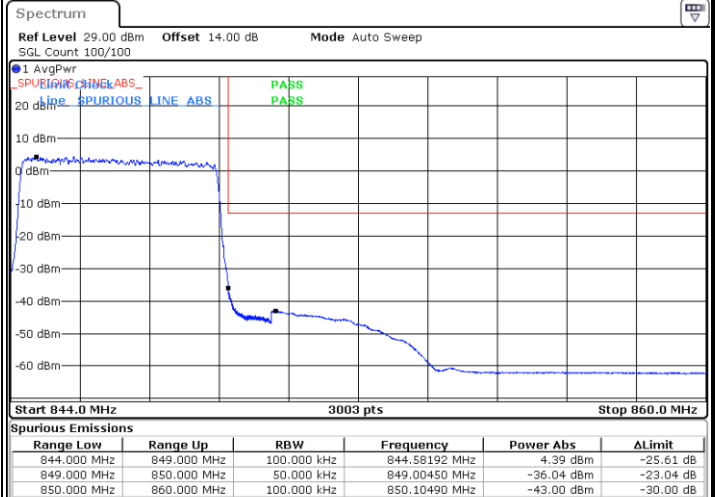
Date: 28.NOV.2022 11:04:43

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:59:09

Highest Band Edge / Full RB



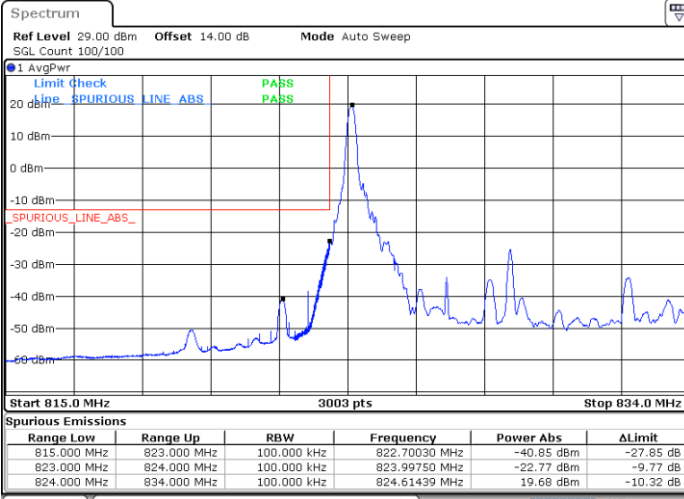
Date: 28.NOV.2022 11:06:35



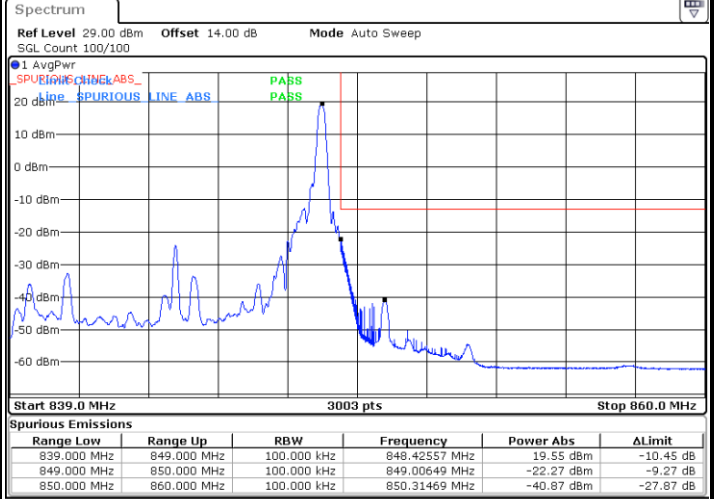
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



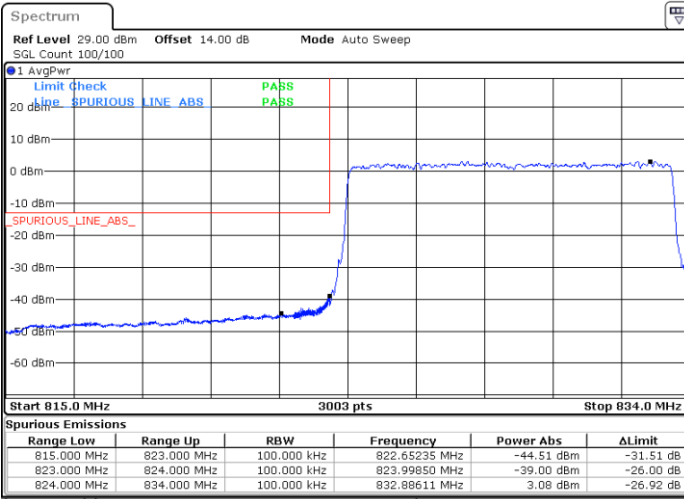
Date: 28.NOV.2022 11:10:04



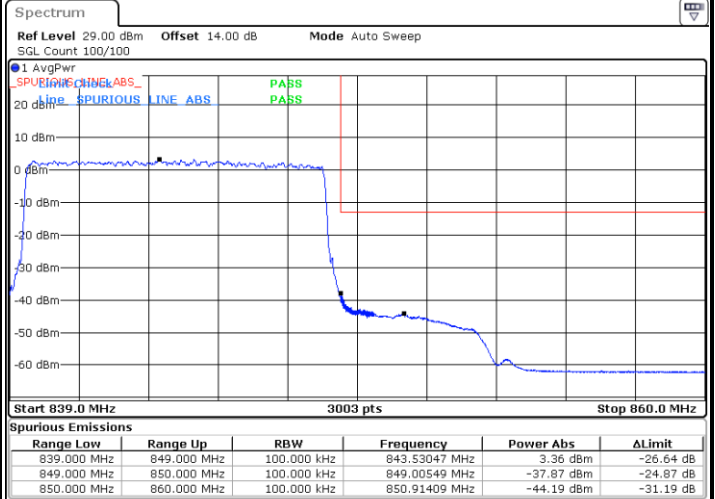
Date: 28.NOV.2022 11:25:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.NOV.2022 11:13:49

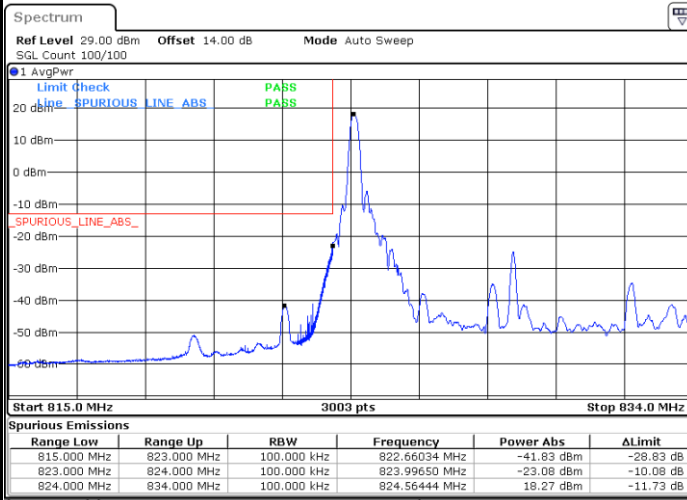


Date: 28.NOV.2022 11:29:18



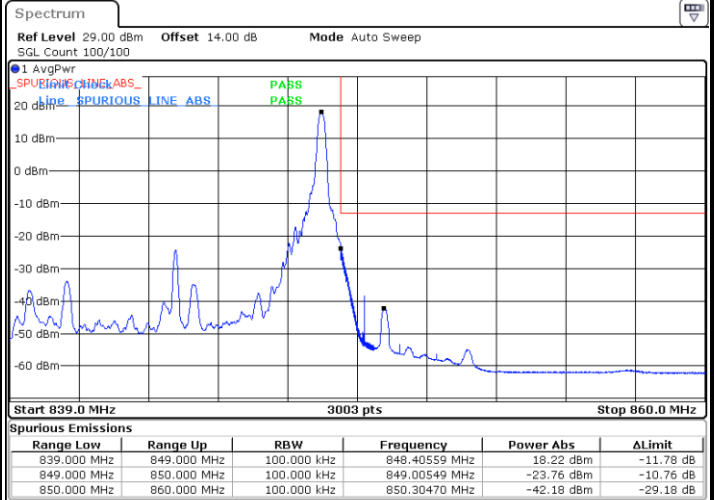
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



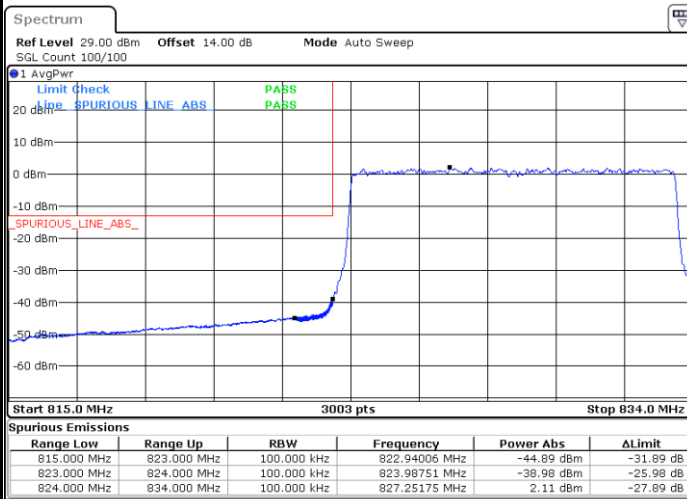
Date: 28.NOV.2022 11:11:56

Highest Band Edge / 1 RB



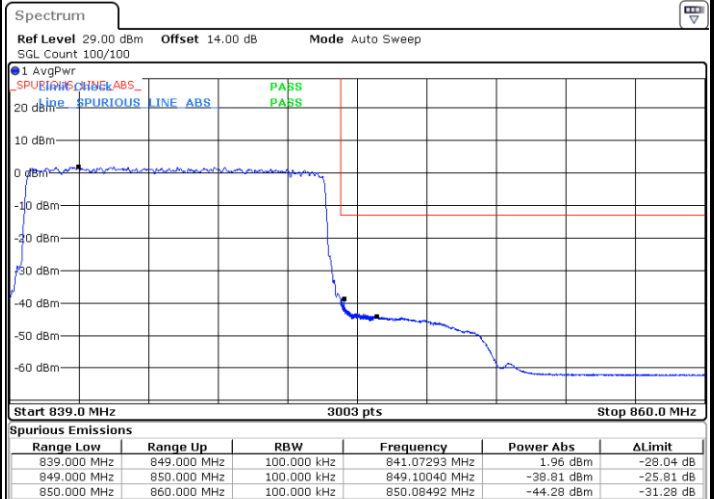
Date: 28.NOV.2022 11:27:25

Lowest Band Edge / Full RB



Date: 28.NOV.2022 11:15:41

Highest Band Edge / Full RB



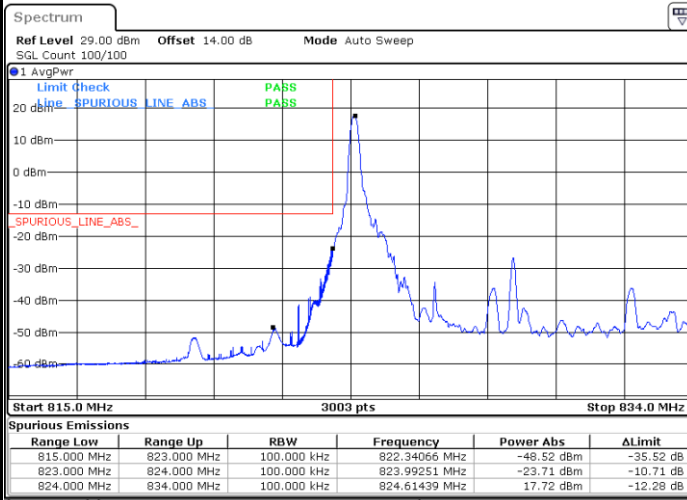
Date: 28.NOV.2022 11:31:10





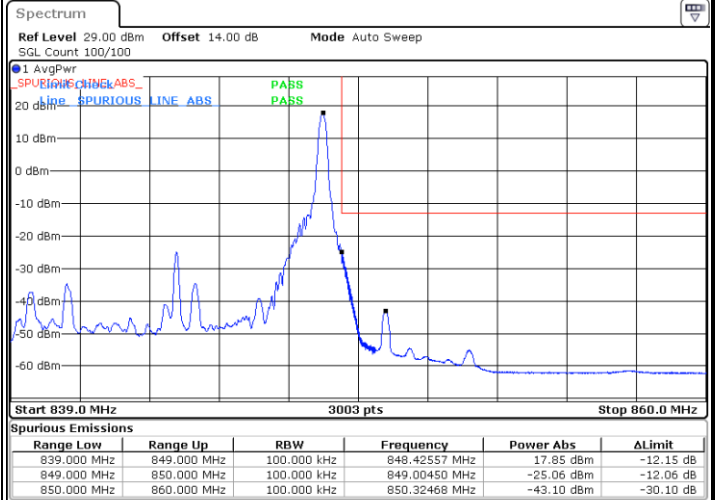
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



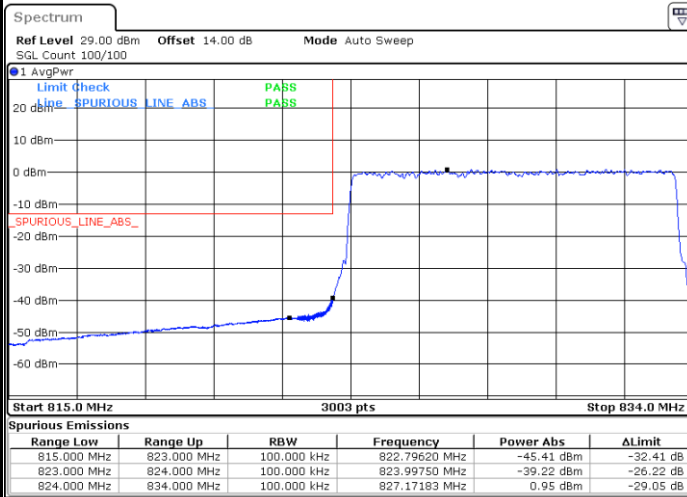
Date: 28.NOV.2022 11:37:19

Highest Band Edge / 1 RB



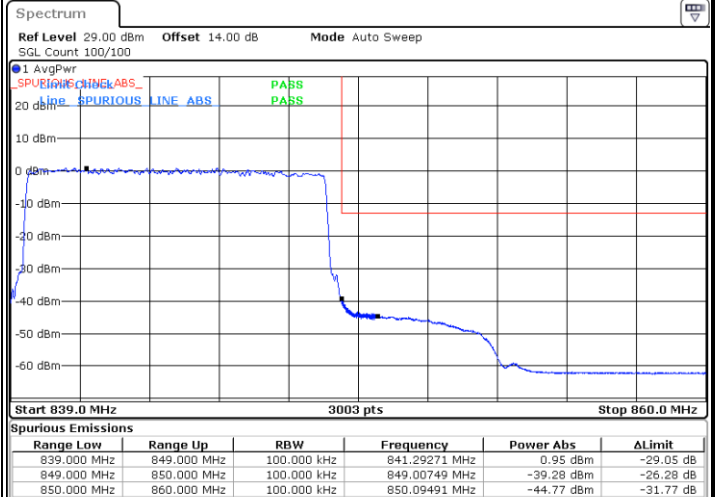
Date: 28.NOV.2022 11:44:45

Lowest Band Edge / Full RB



Date: 28.NOV.2022 11:39:12

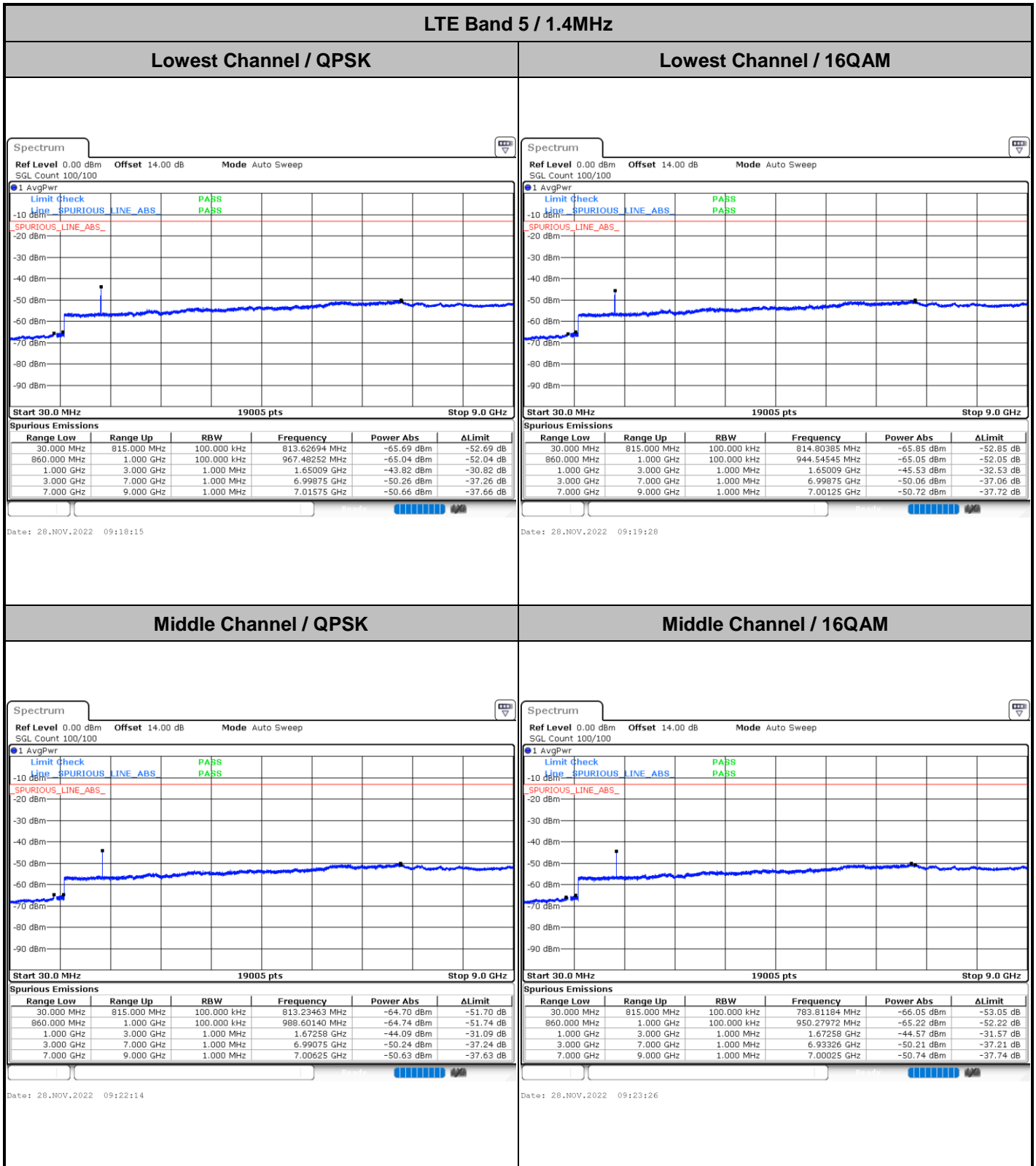
Highest Band Edge / Full RB



Date: 28.NOV.2022 11:46:38



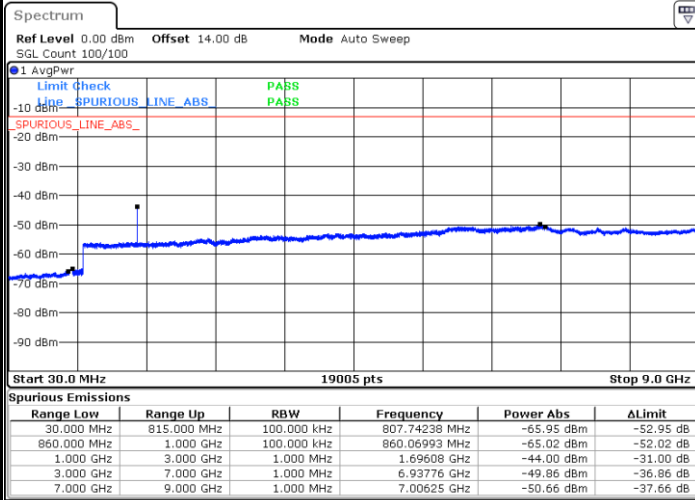
# Conducted Spurious Emission





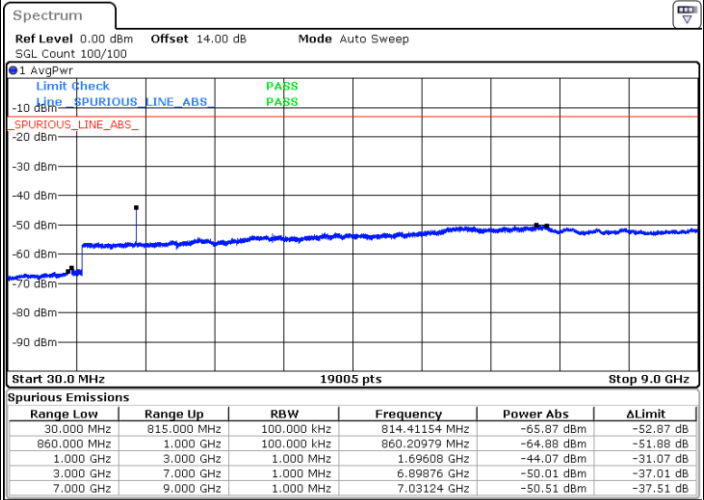
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 28.NOV.2022 09:33:43

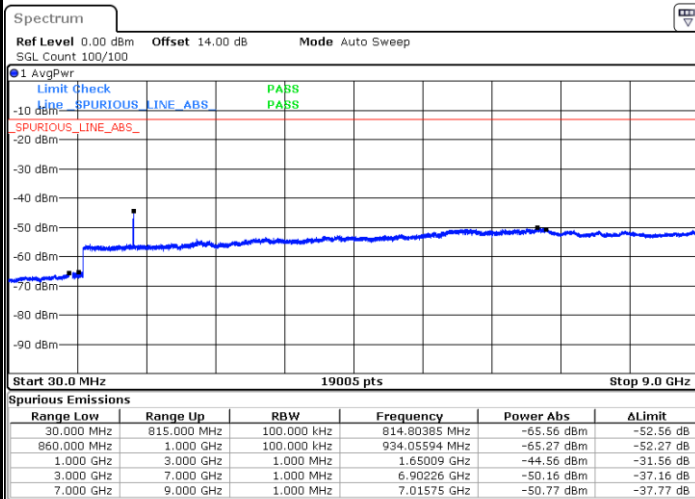
Highest Channel / 16QAM



Date: 28.NOV.2022 09:34:55

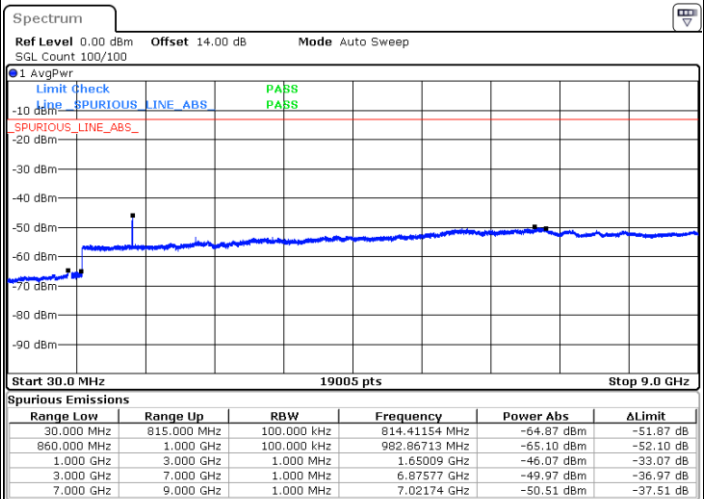
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 28.NOV.2022 09:58:03

Lowest Channel / 16QAM



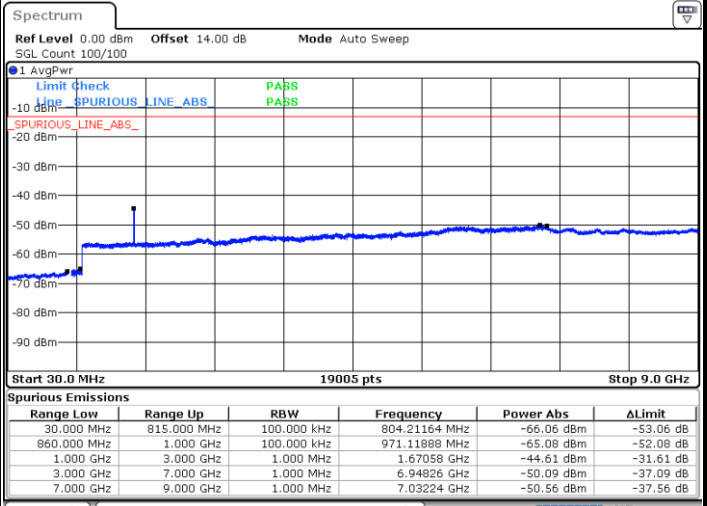
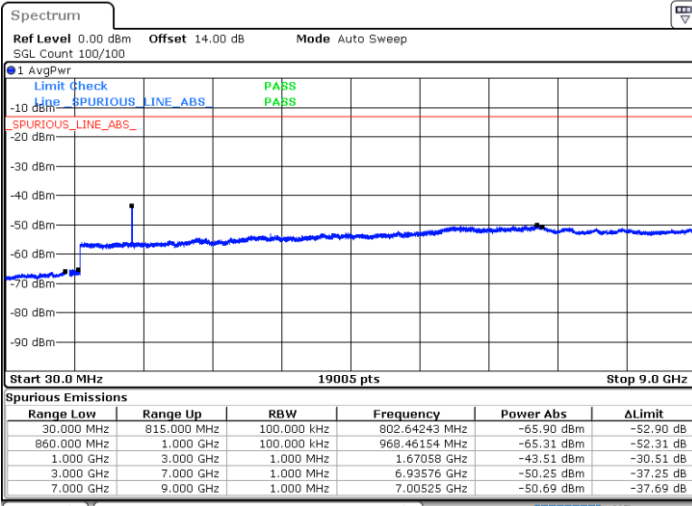
Date: 28.NOV.2022 09:59:16



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

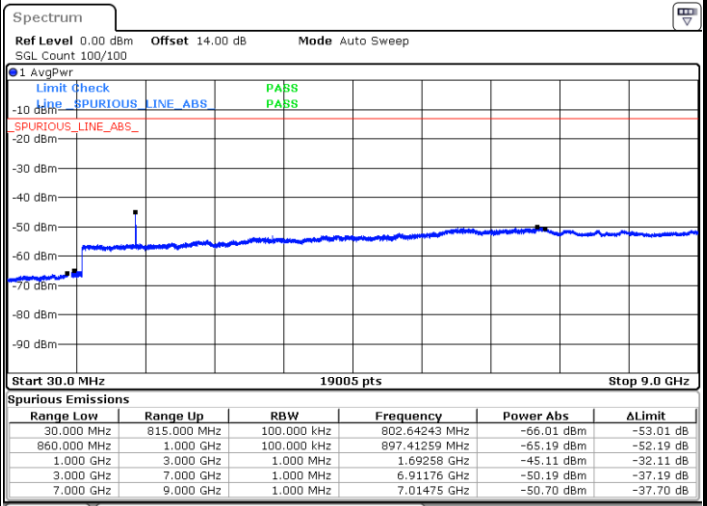
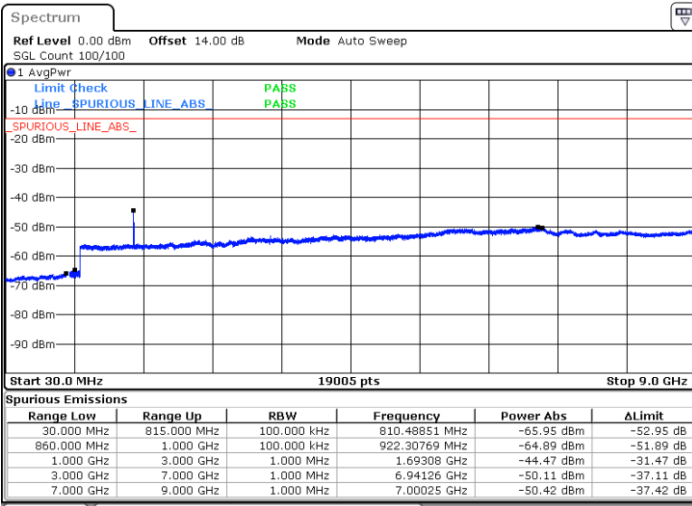


Date: 28.NOV.2022 10:02:03

Date: 28.NOV.2022 10:03:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.NOV.2022 10:13:32

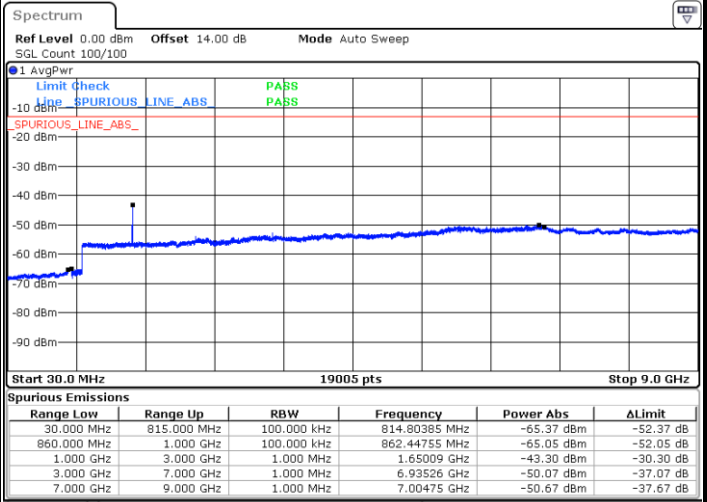
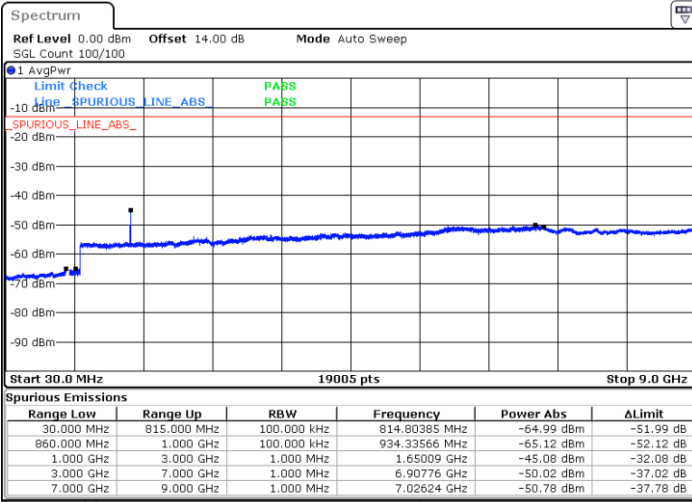
Date: 28.NOV.2022 10:14:45



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

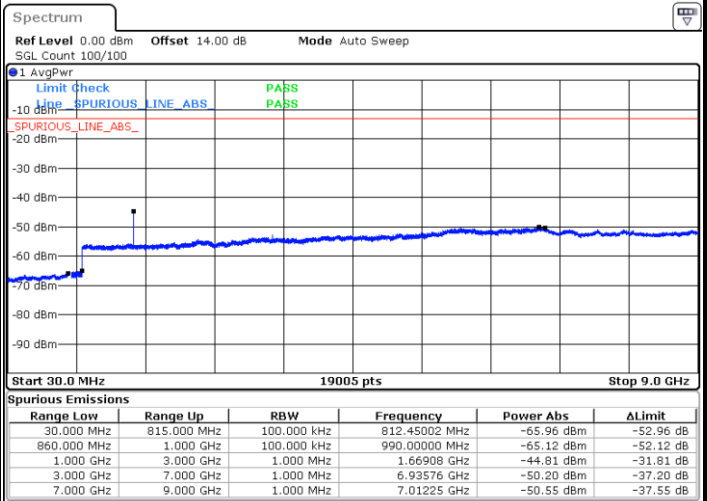
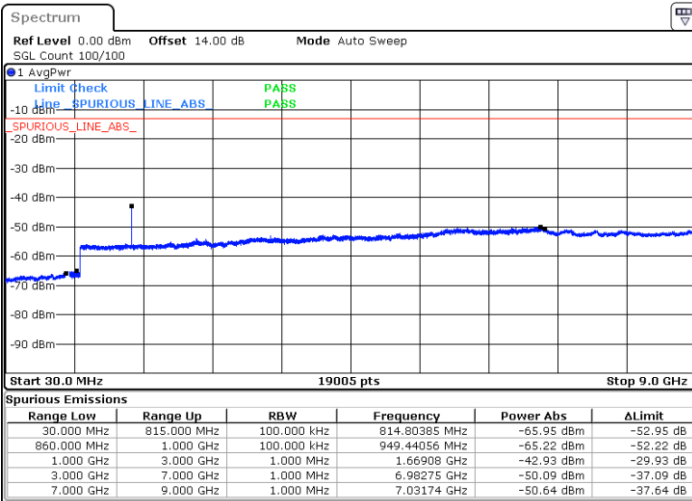


Date: 28.NOV.2022 10:38:04

Date: 28.NOV.2022 10:39:16

Middle Channel / QPSK

Middle Channel / 16QAM



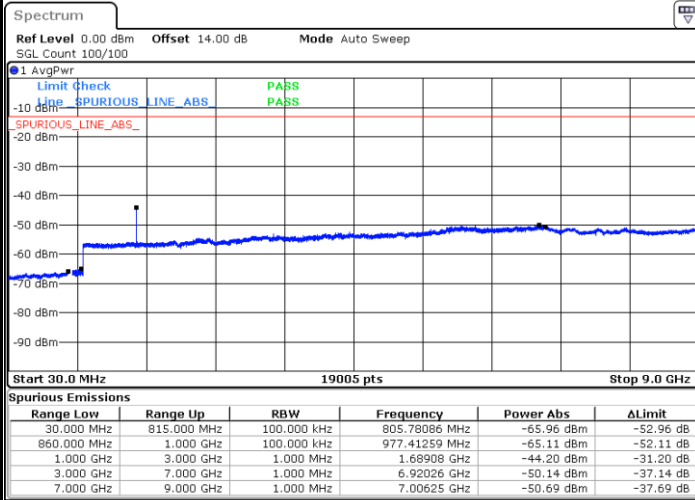
Date: 28.NOV.2022 10:42:02

Date: 28.NOV.2022 10:43:14



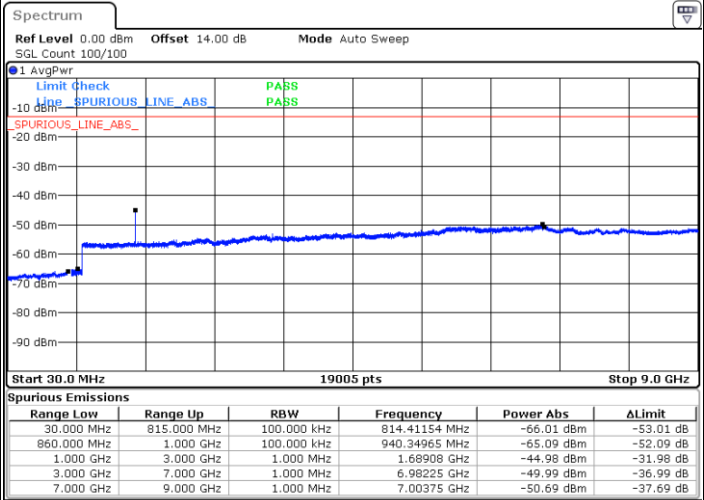
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 28.NOV.2022 10:53:33

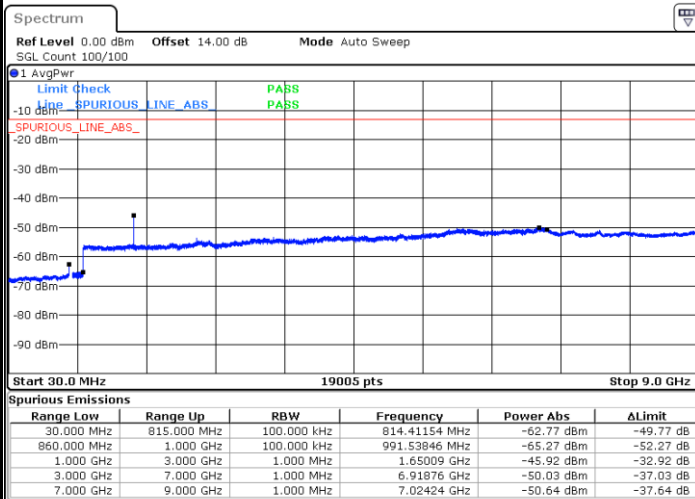
Highest Channel / 16QAM



Date: 28.NOV.2022 10:54:46

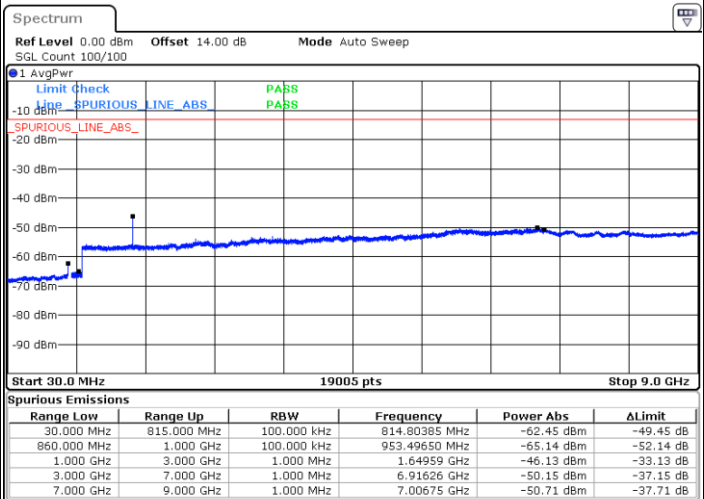
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 28.NOV.2022 11:16:53

Lowest Channel / 16QAM



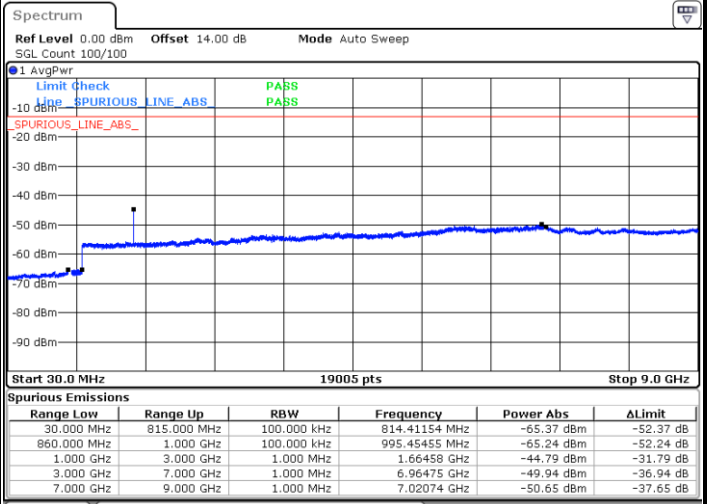
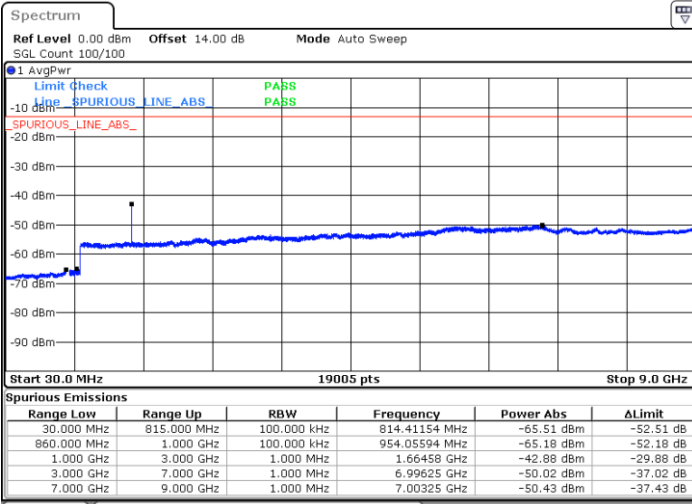
Date: 28.NOV.2022 11:18:06



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

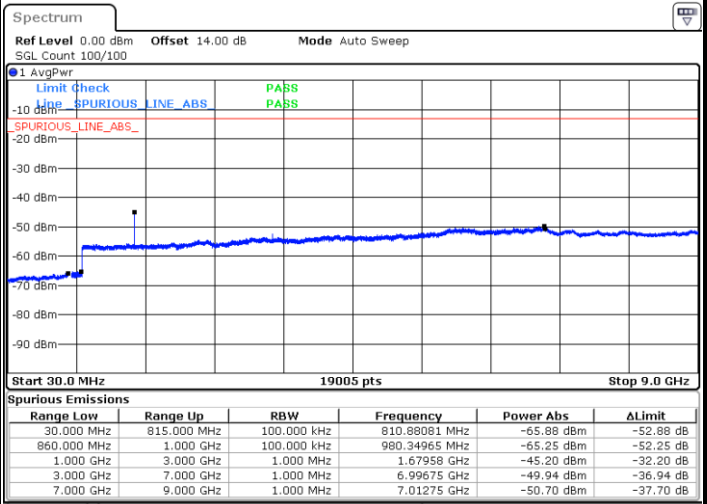
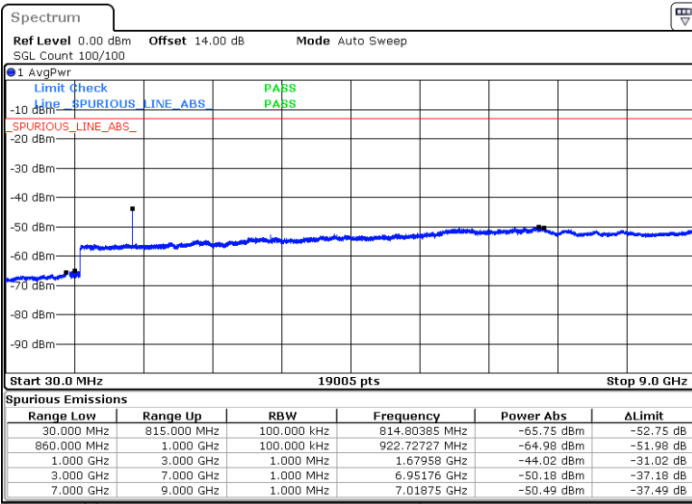


Date: 28.NOV.2022 11:20:53

Date: 28.NOV.2022 11:22:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.NOV.2022 11:32:23

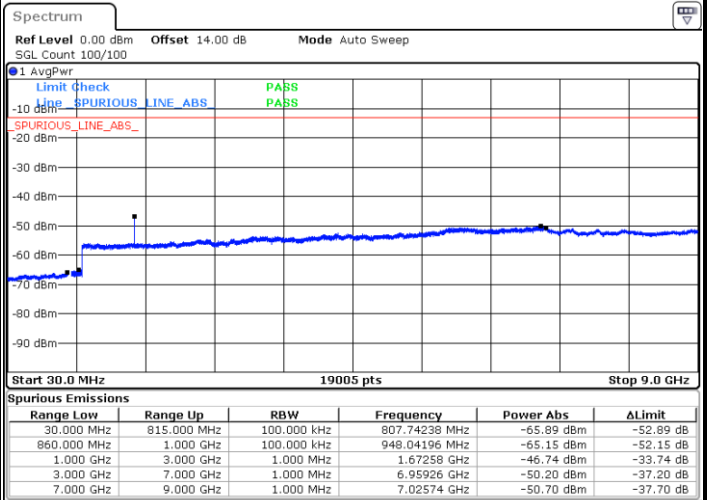
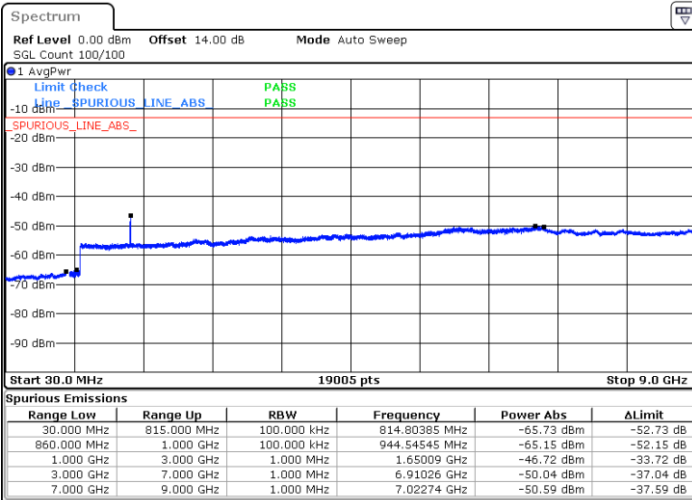
Date: 28.NOV.2022 11:33:35



LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

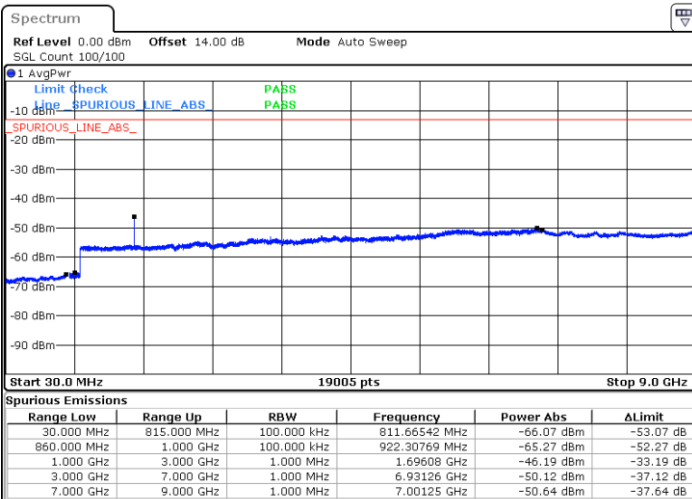


Date: 28.NOV.2022 09:40:30

Date: 28.NOV.2022 09:42:20

Highest Channel / 64QAM

N/A



Date: 28.NOV.2022 09:47:46

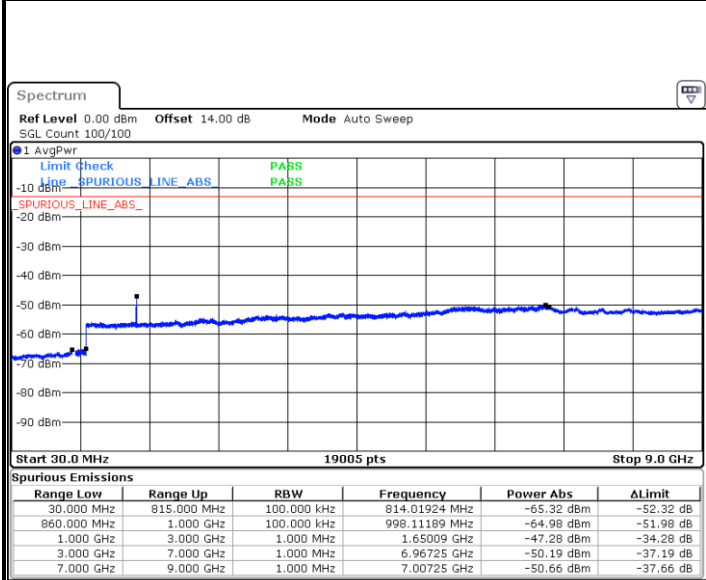
N/A





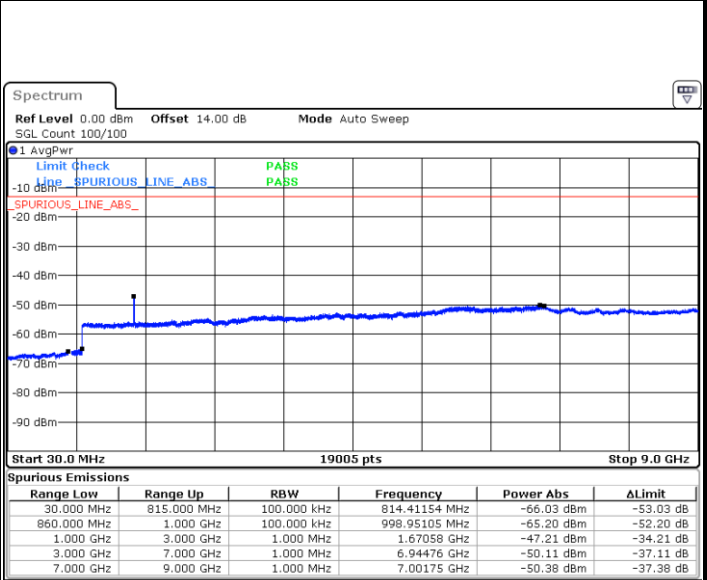
LTE Band 5 / 3MHz

Lowest Channel / 64QAM



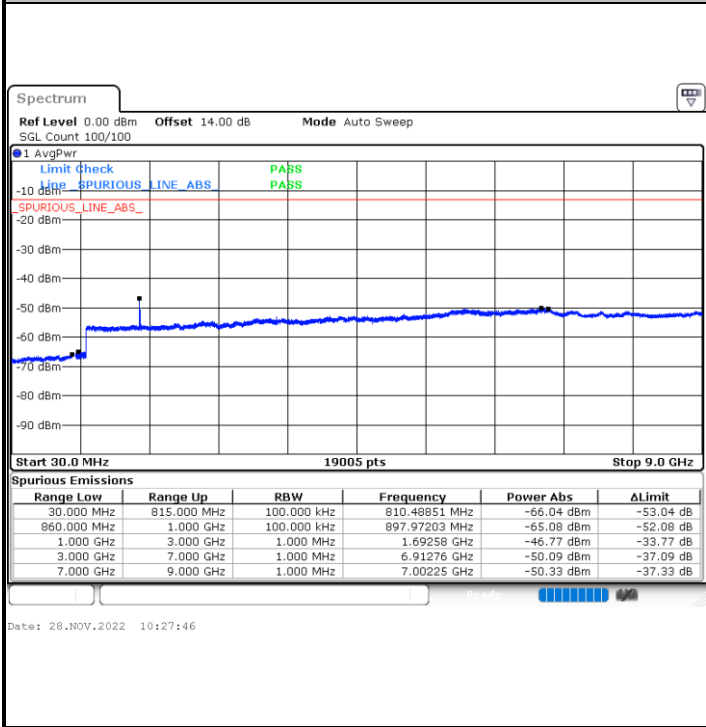
Date: 28.NOV.2022 10:20:20

Middle Channel / 64QAM



Date: 28.NOV.2022 10:22:10

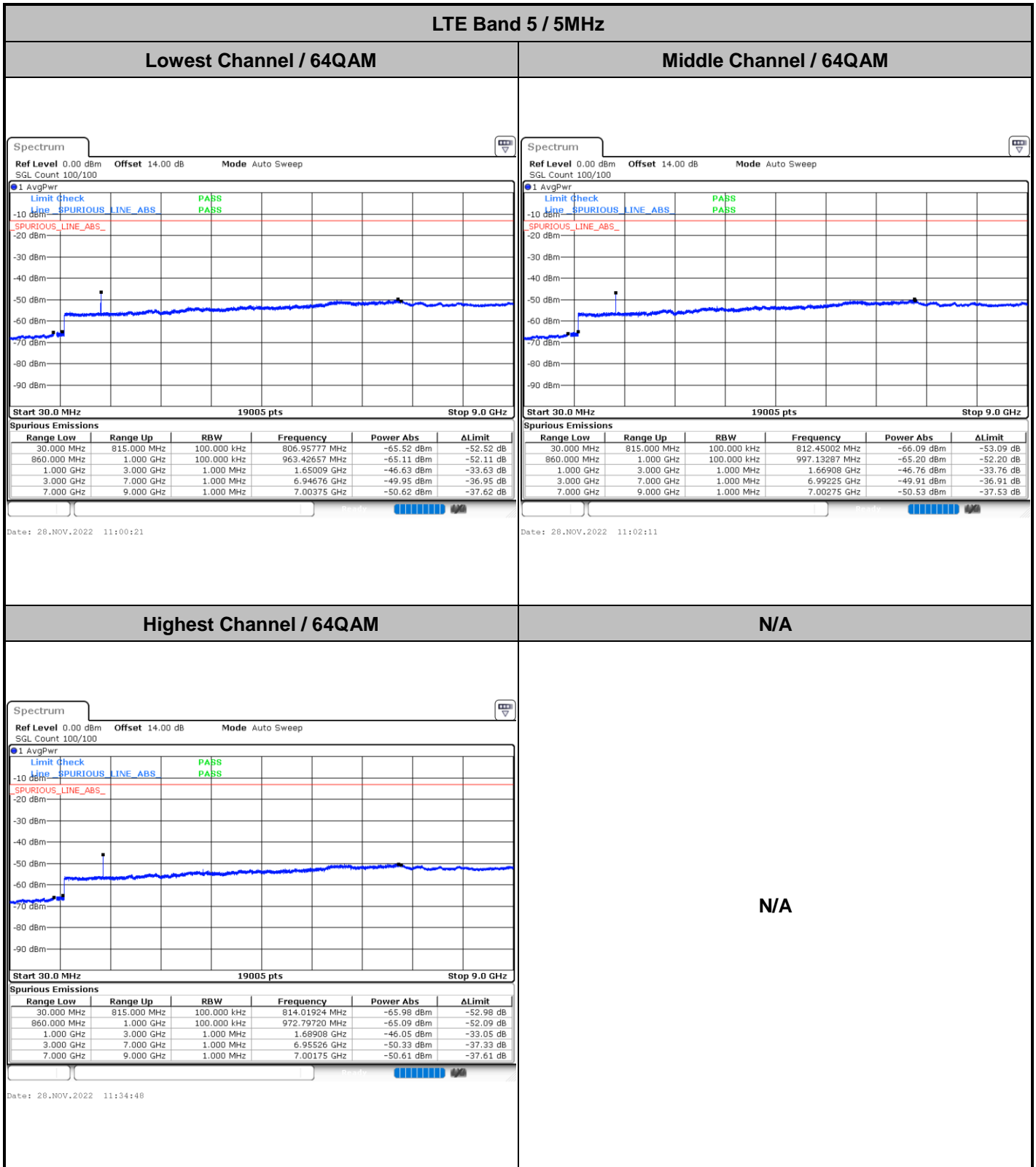
Highest Channel / 64QAM



Date: 28.NOV.2022 10:27:46

N/A

N/A

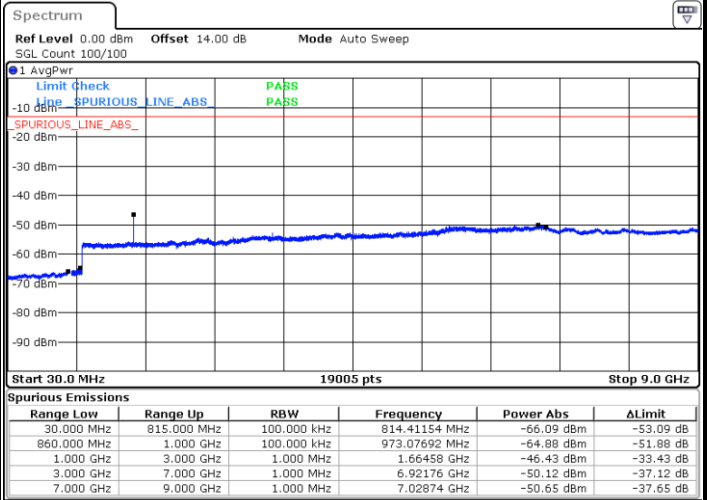
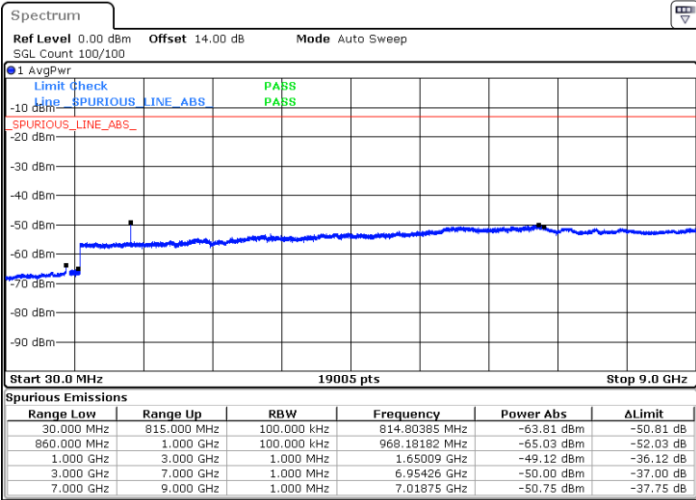




LTE Band 5 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

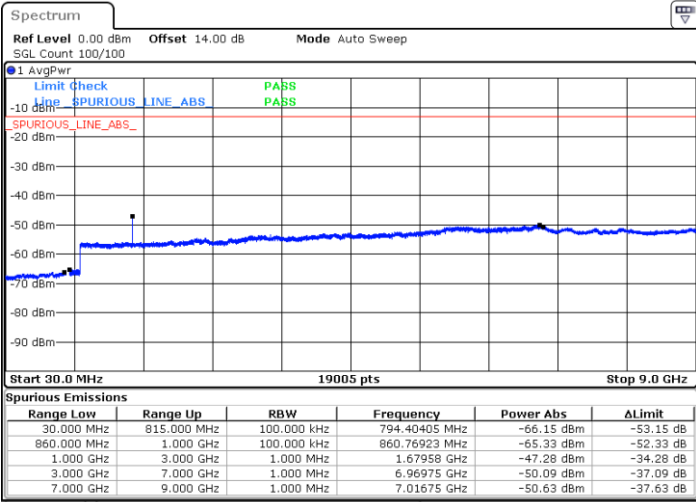


Date: 28.NOV.2022 11:40:24

Date: 28.NOV.2022 11:42:14

Highest Channel / 64QAM

N/A



Date: 28.NOV.2022 11:47:50

N/A



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0139	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0137	
-20	Normal Voltage	0.0124	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0148	

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 7 (Main PA)

#### Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.10	5.19	6.00	6.12	<b>PASS</b>
Middle CH	5.10	5.39	5.94	6.32	
Highest CH	5.25	5.10	6.14	6.06	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.38	6.41	-	-	<b>PASS</b>
Middle CH	6.03	6.64	-	-	
Highest CH	6.38	6.49	-	-	