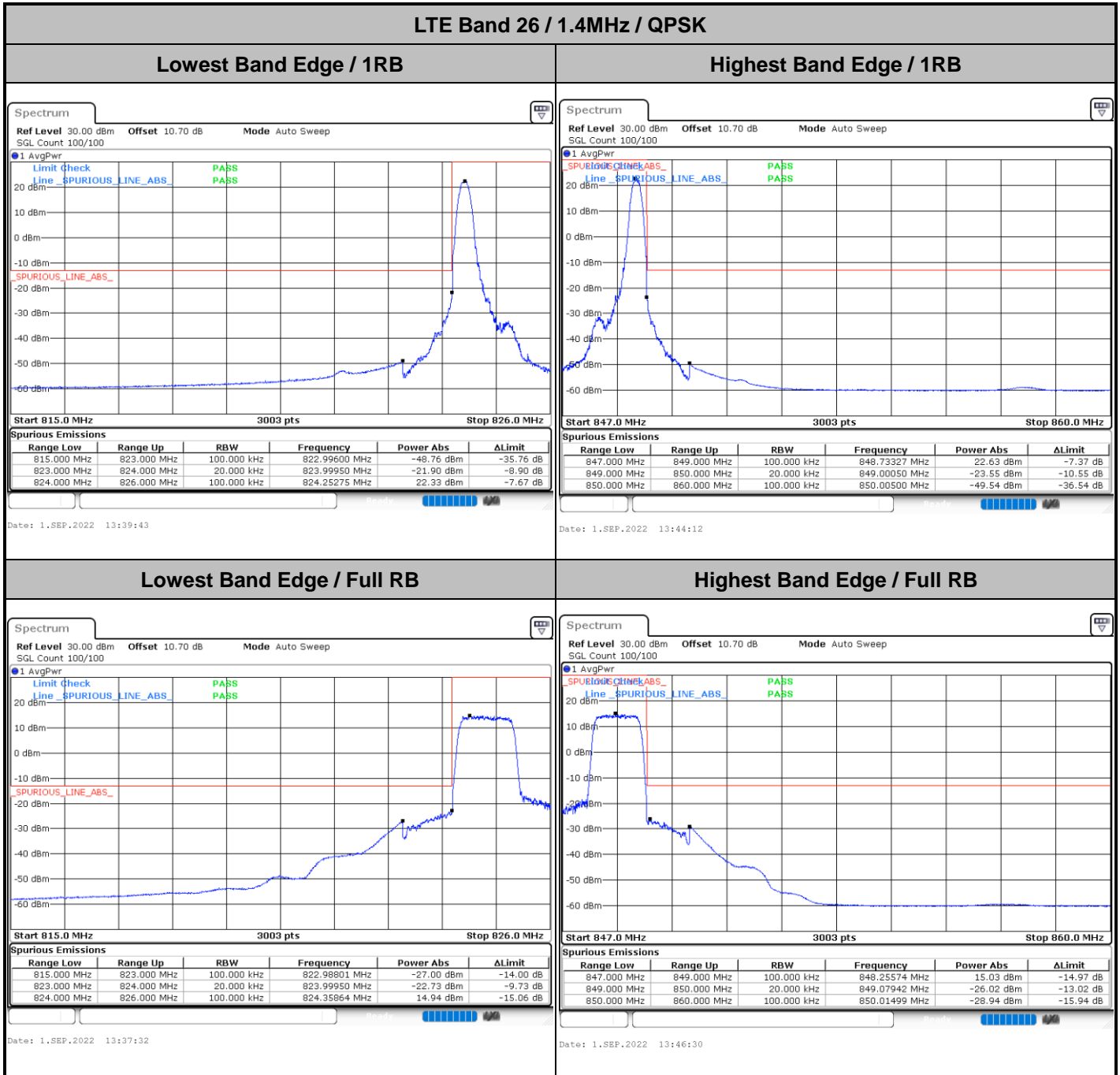




Conducted Band Edge





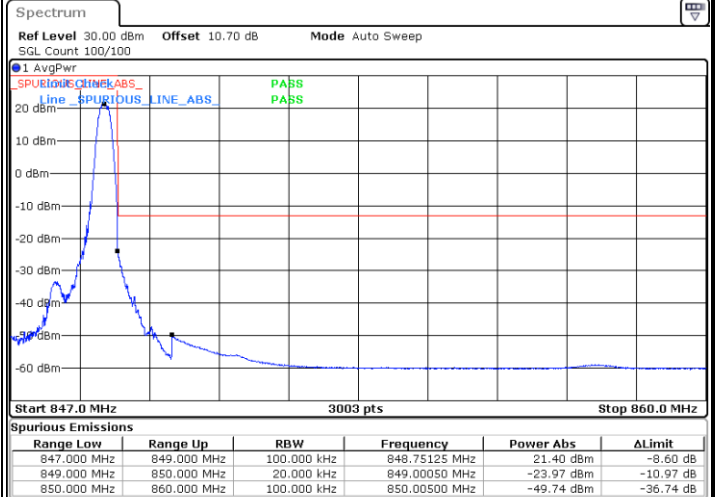
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



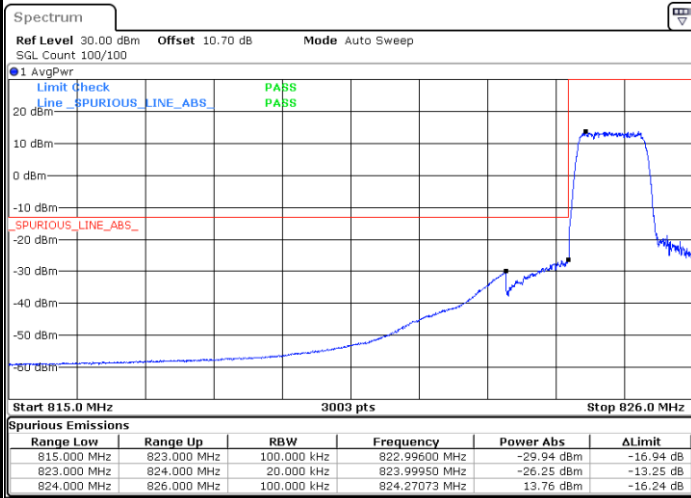
Date: 1.SEP.2022 13:38:59

Highest Band Edge / 1 RB



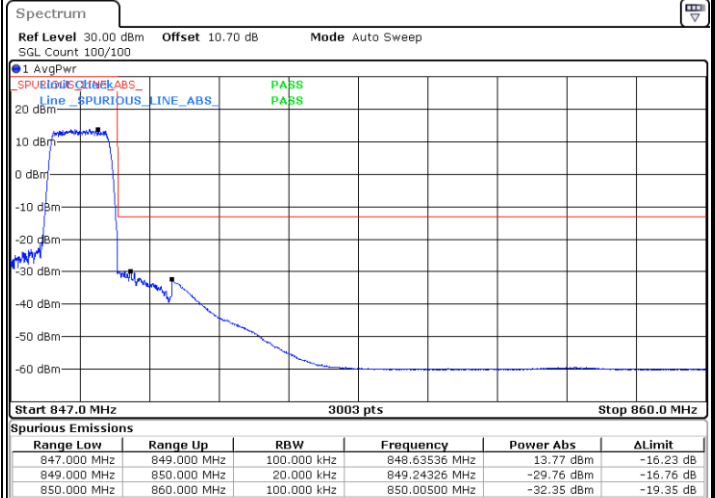
Date: 1.SEP.2022 13:44:58

Lowest Band Edge / Full RB



Date: 1.SEP.2022 13:38:16

Highest Band Edge / Full RB

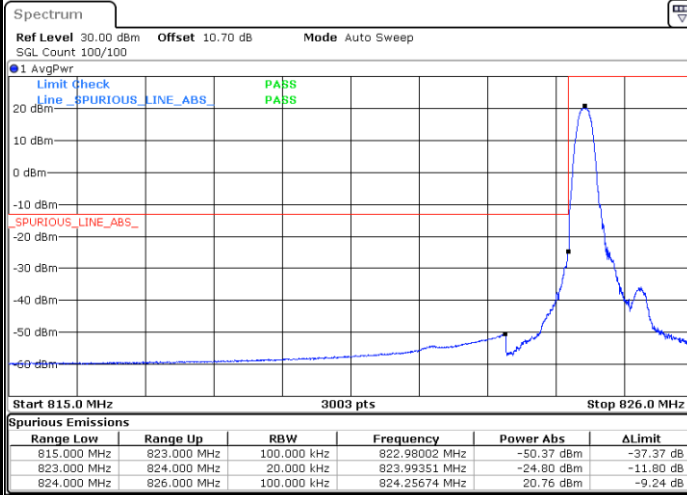


Date: 1.SEP.2022 13:45:44



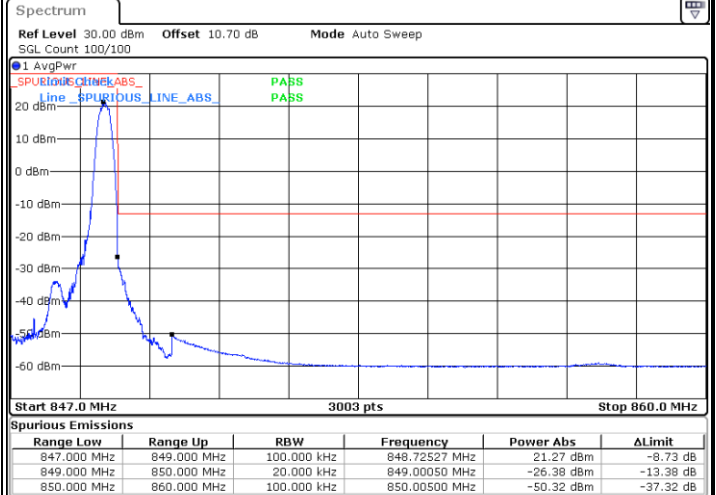
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



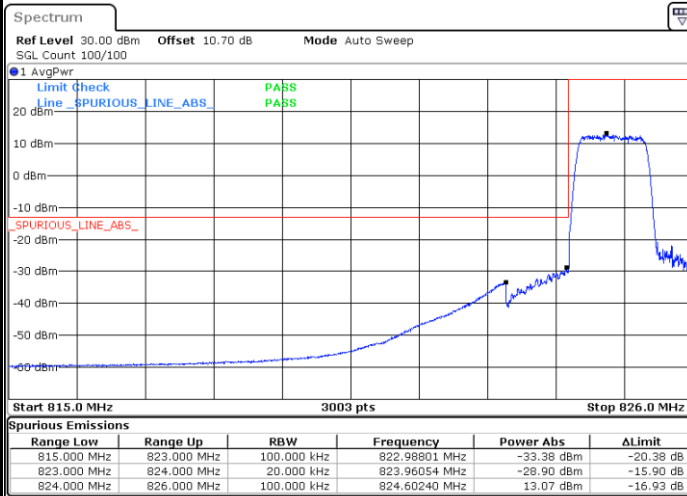
Date: 1.SEP.2022 13:49:00

Highest Band Edge / 1 RB



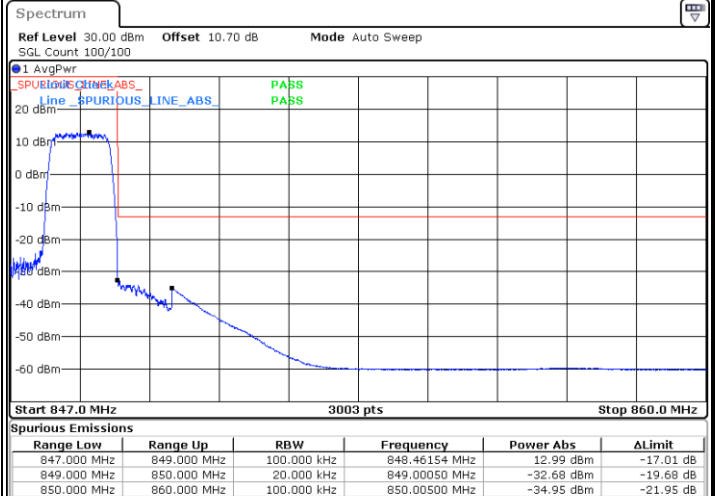
Date: 1.SEP.2022 13:50:35

Lowest Band Edge / Full RB



Date: 1.SEP.2022 13:48:17

Highest Band Edge / Full RB

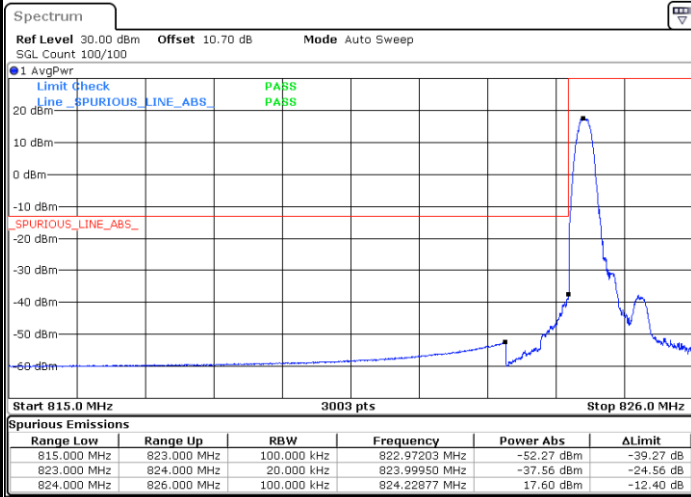


Date: 1.SEP.2022 13:51:21

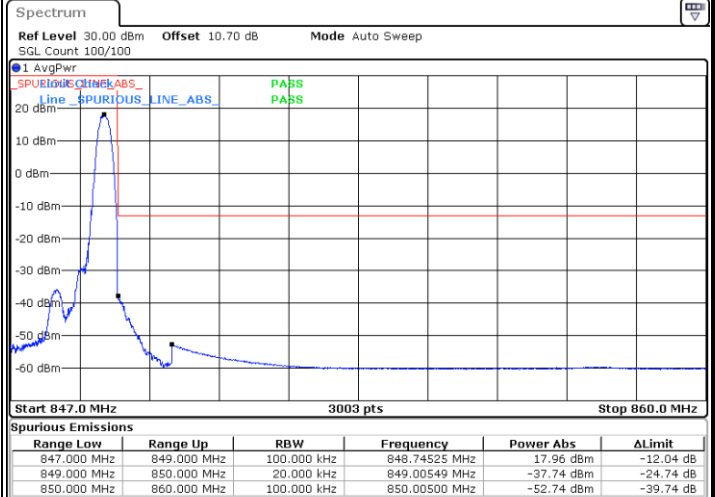


LTE Band 26 / 1.4MHz / 256QAM

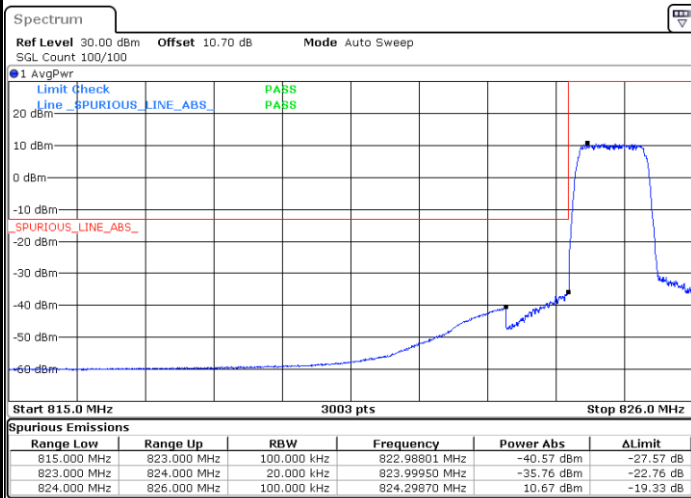
Lowest Band Edge / 1 RB



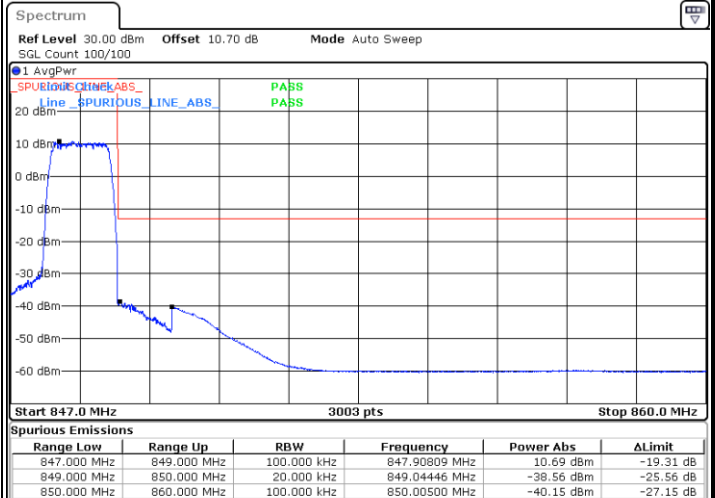
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



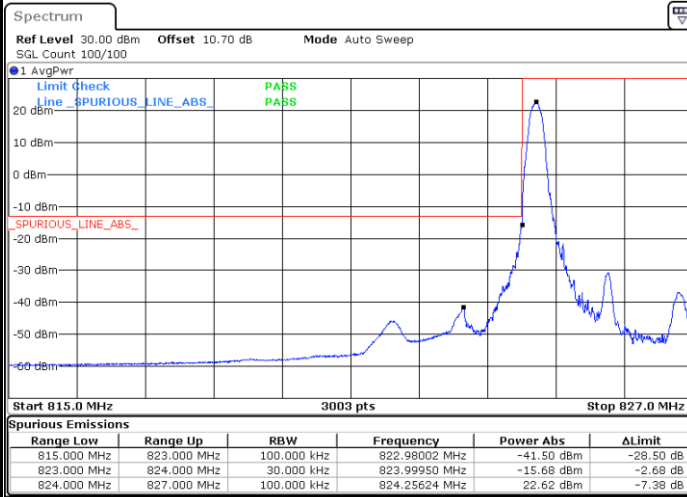
Highest Band Edge / Full RB





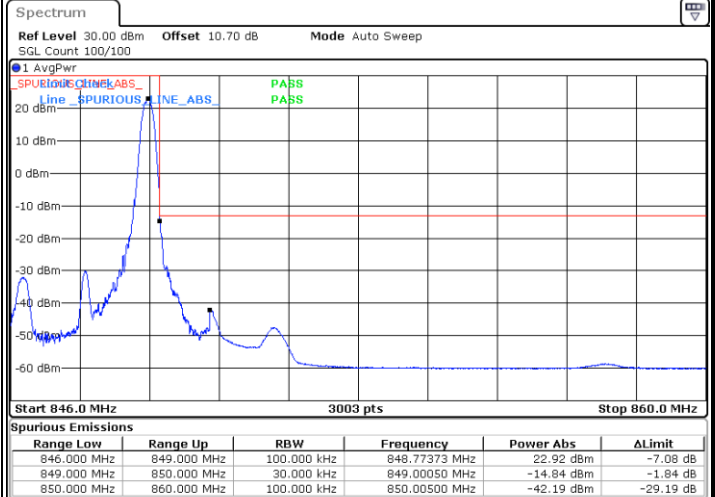
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



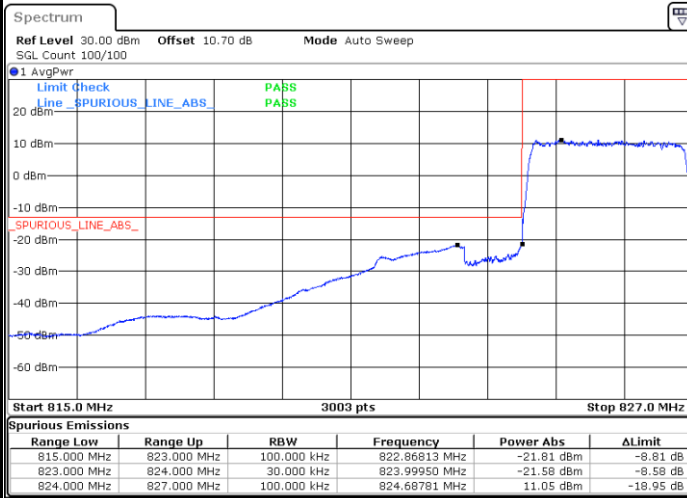
Date: 1.SEP.2022 13:58:03

Highest Band Edge / 1 RB



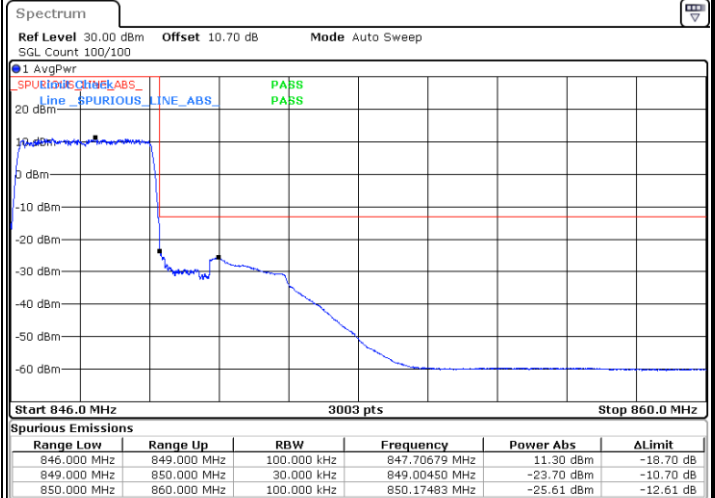
Date: 1.SEP.2022 14:02:33

Lowest Band Edge / Full RB



Date: 1.SEP.2022 13:55:53

Highest Band Edge / Full RB

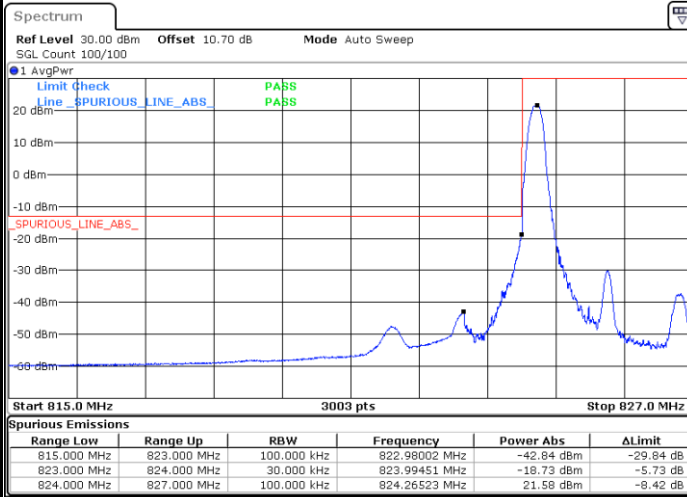


Date: 1.SEP.2022 14:04:51



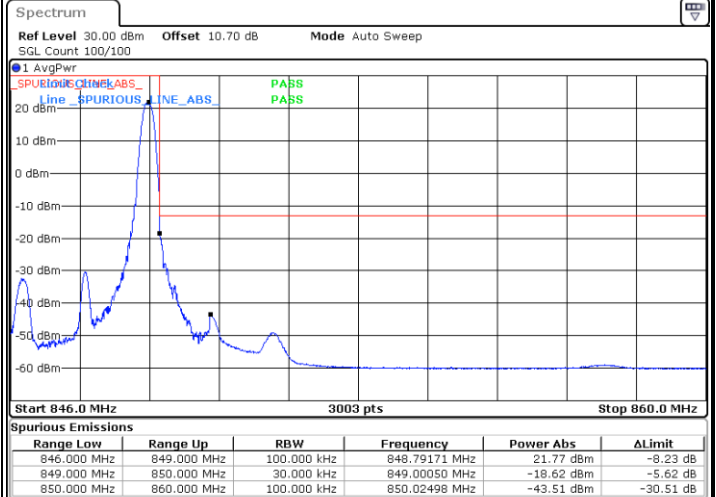
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



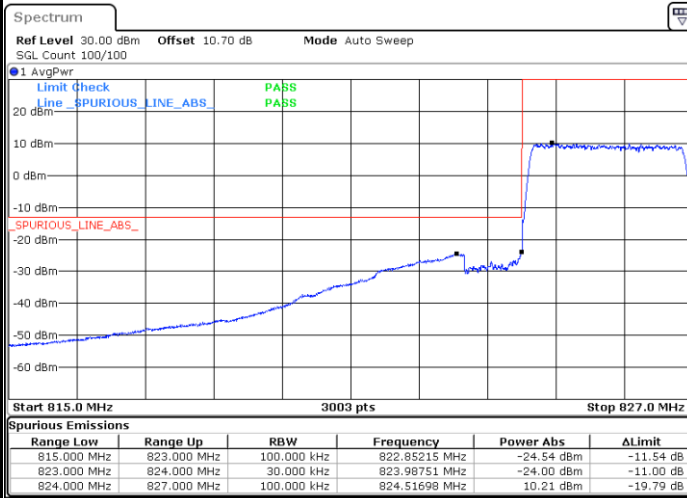
Date: 1.SEP.2022 13:57:20

Highest Band Edge / 1 RB



Date: 1.SEP.2022 14:03:19

Lowest Band Edge / Full RB



Date: 1.SEP.2022 13:56:37

Highest Band Edge / Full RB

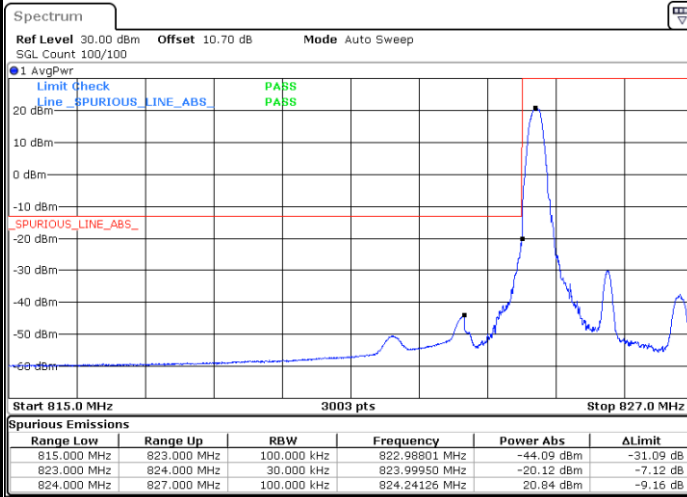


Date: 1.SEP.2022 14:04:05



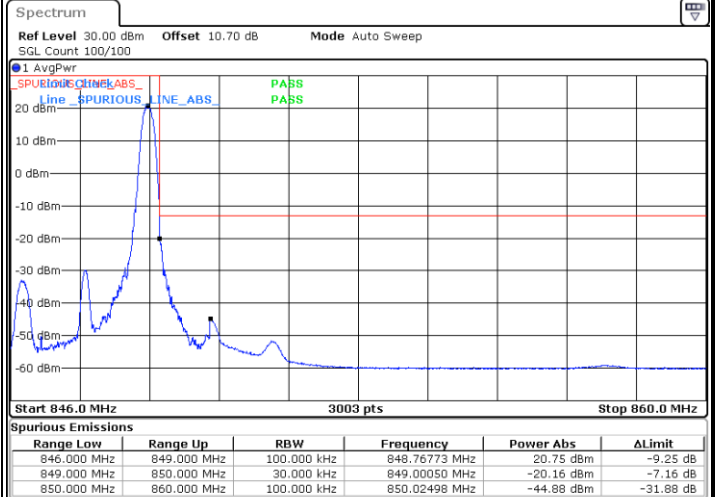
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



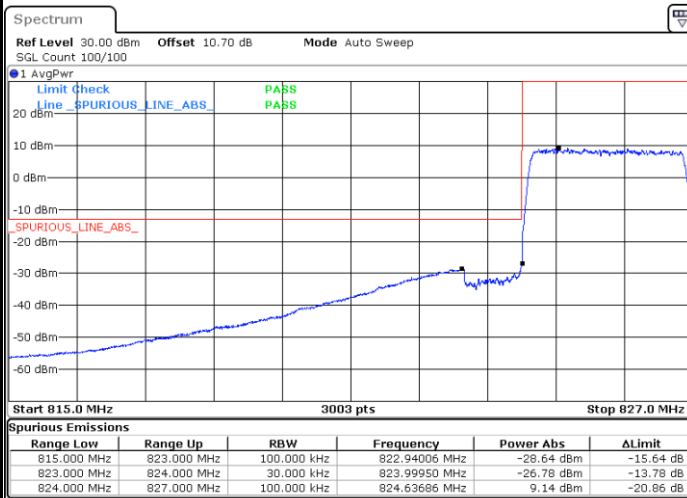
Date: 1.SEP.2022 13:52:49

Highest Band Edge / 1 RB



Date: 1.SEP.2022 13:54:24

Lowest Band Edge / Full RB



Date: 1.SEP.2022 13:52:06

Highest Band Edge / Full RB

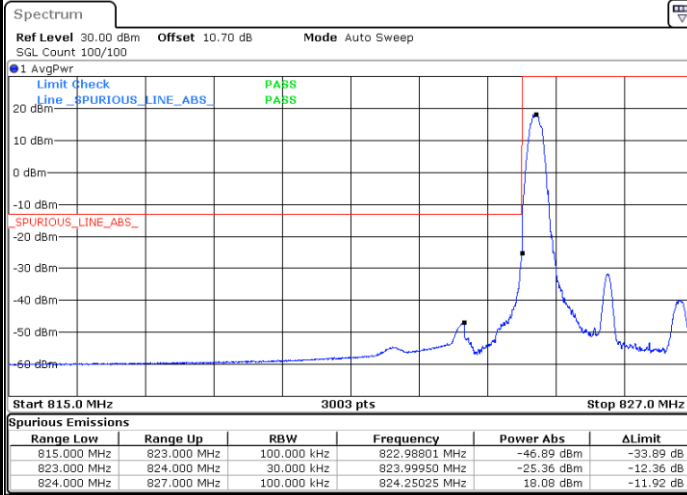


Date: 1.SEP.2022 13:55:10

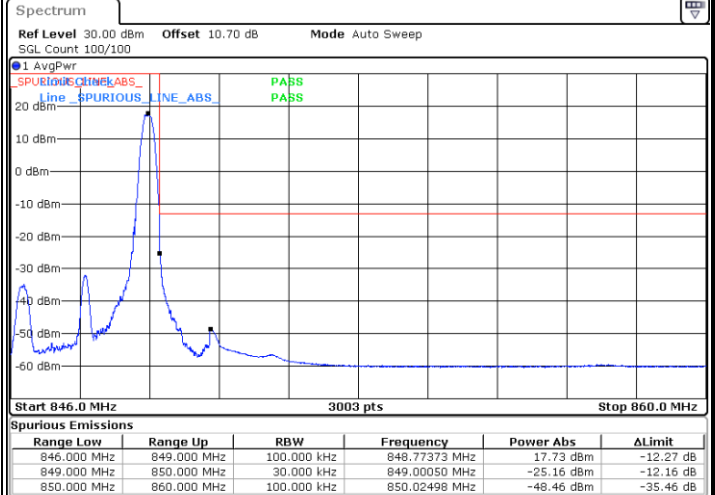


LTE Band 26 / 3MHz / 256QAM

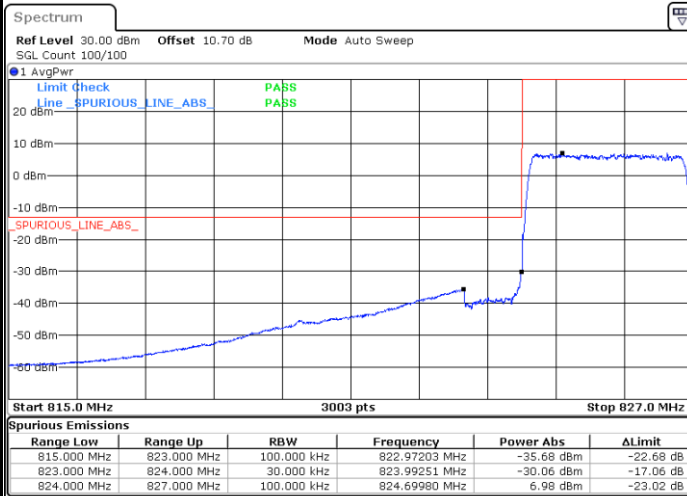
Lowest Band Edge / 1 RB



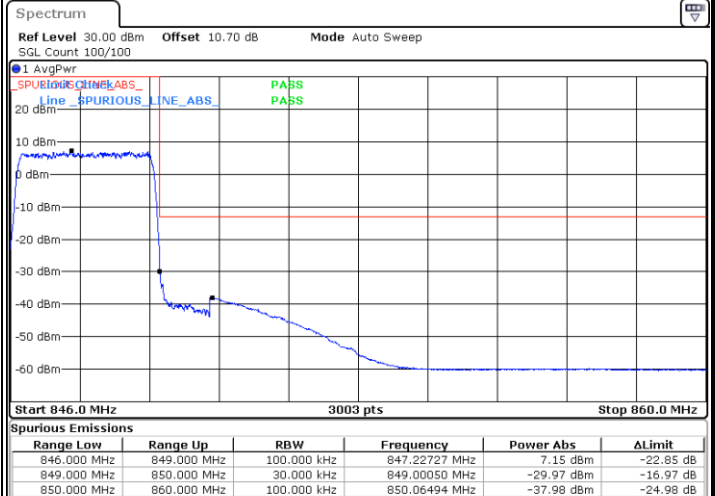
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



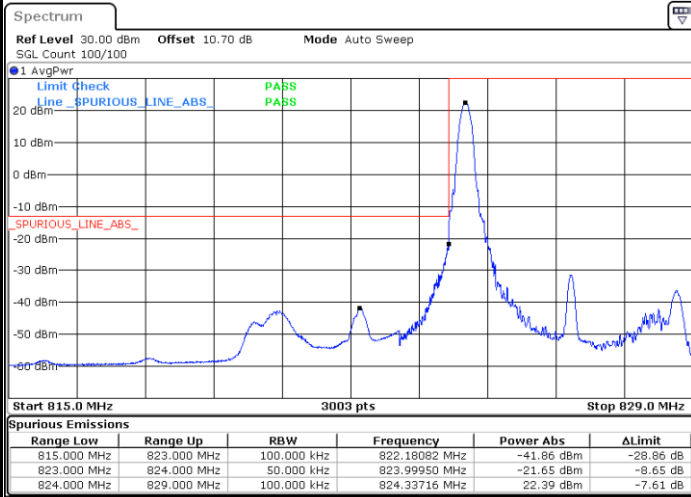
Highest Band Edge / Full RB





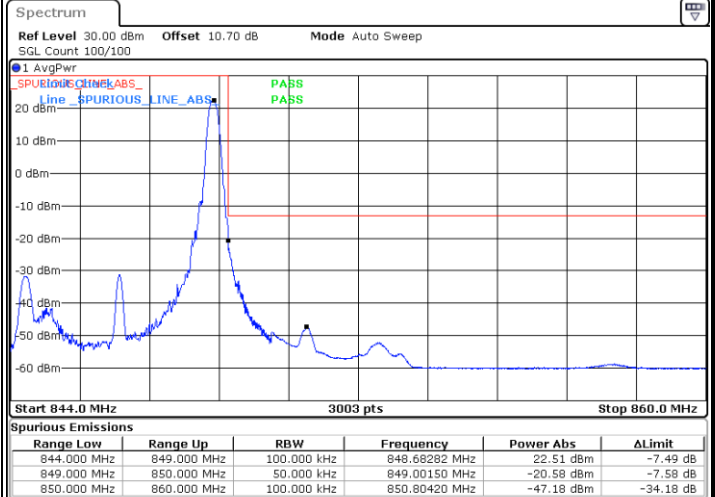
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



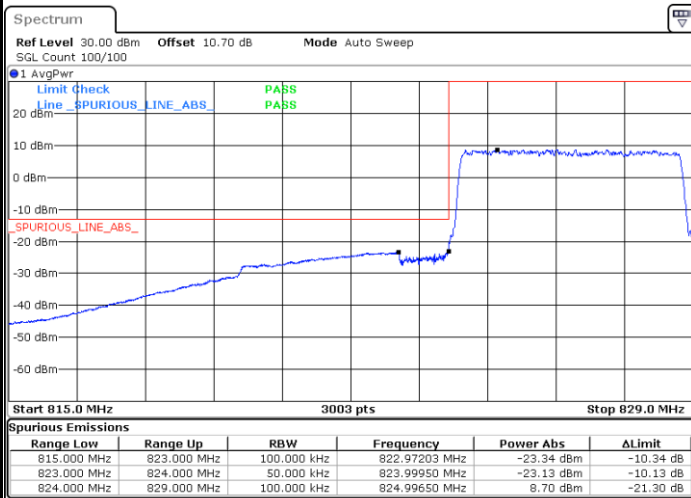
Date: 1.SEP.2022 14:08:49

Highest Band Edge / 1 RB



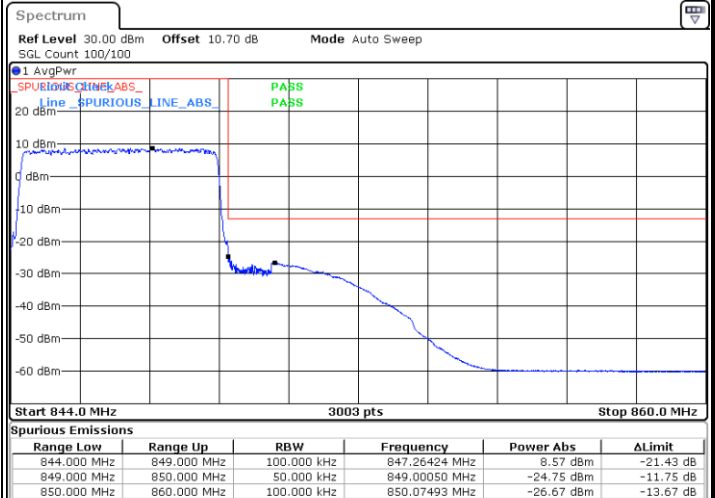
Date: 1.SEP.2022 14:13:18

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:06:39

Highest Band Edge / Full RB

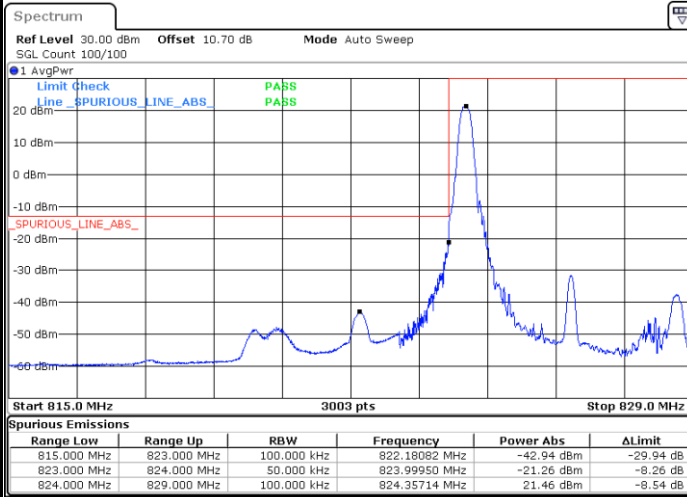


Date: 1.SEP.2022 14:15:36



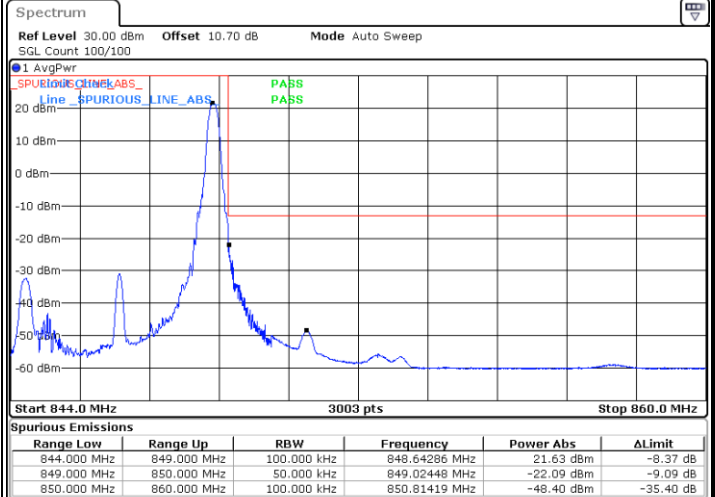
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



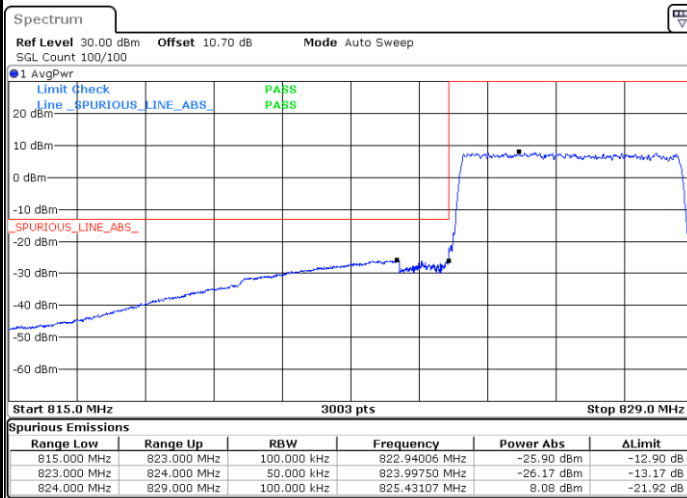
Date: 1.SEP.2022 14:08:06

Highest Band Edge / 1 RB



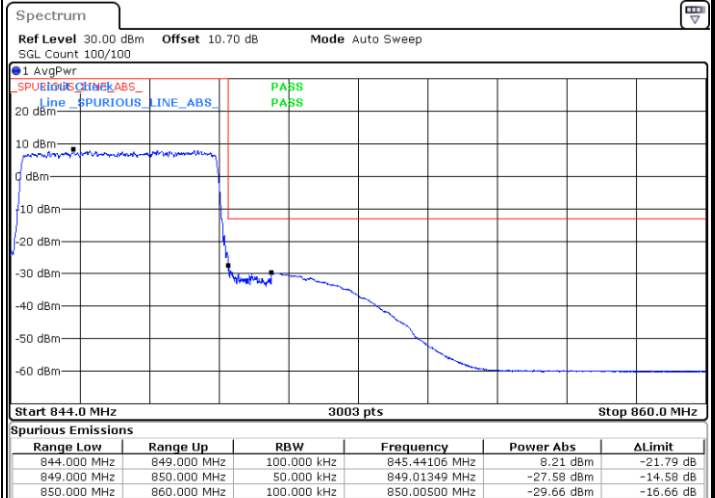
Date: 1.SEP.2022 14:14:04

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:07:22

Highest Band Edge / Full RB

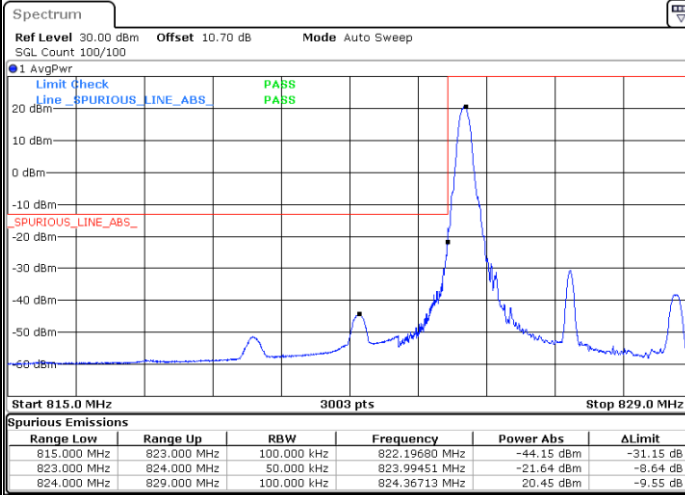


Date: 1.SEP.2022 14:14:50



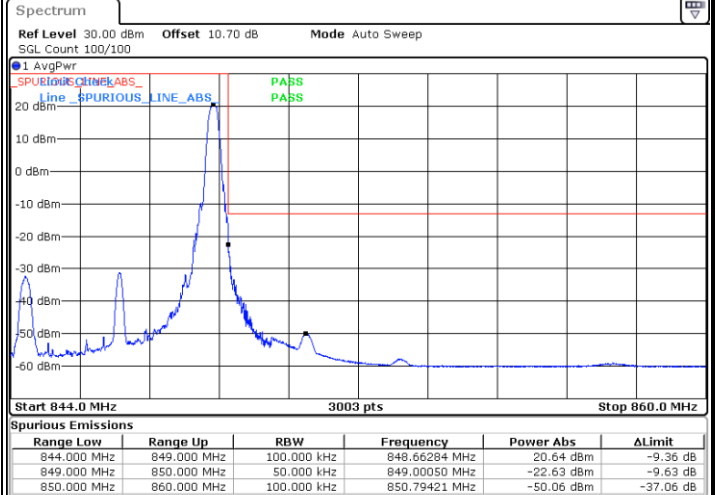
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



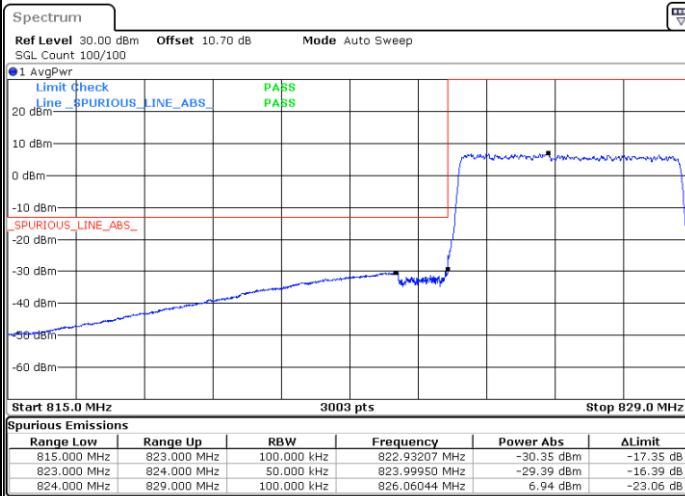
Date: 1.SEP.2022 14:18:06

Highest Band Edge / 1 RB



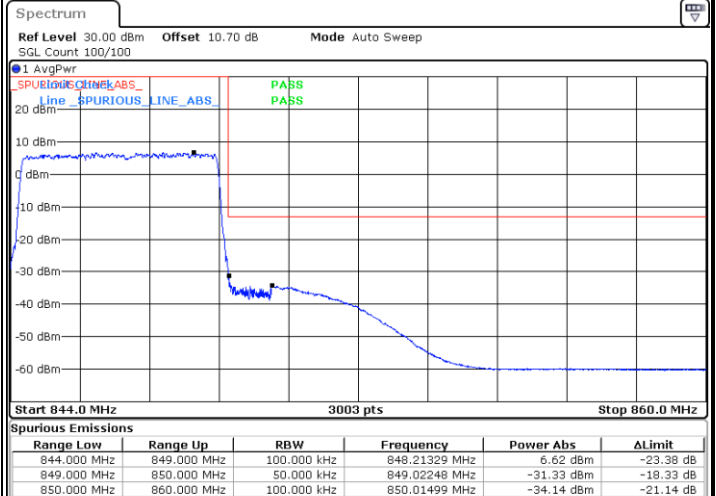
Date: 1.SEP.2022 14:19:41

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:17:23

Highest Band Edge / Full RB

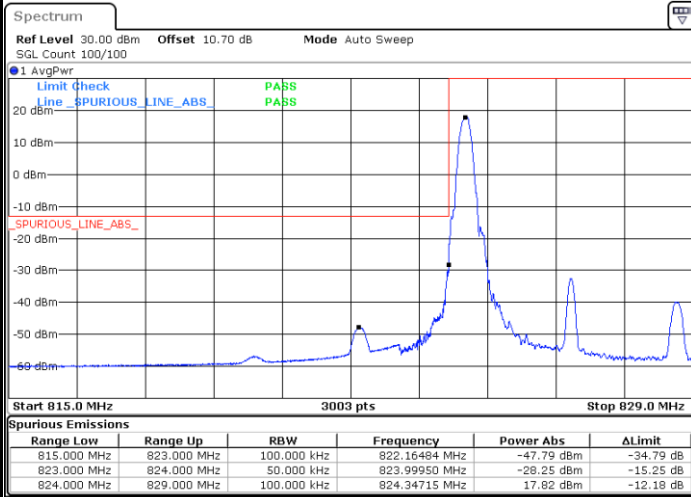


Date: 1.SEP.2022 14:20:27



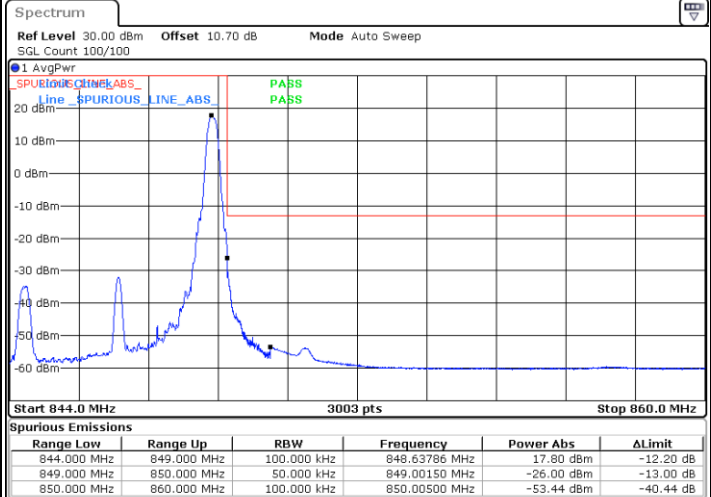
LTE Band 26 / 5MHz / 256QAM

Lowest Band Edge / 1RB



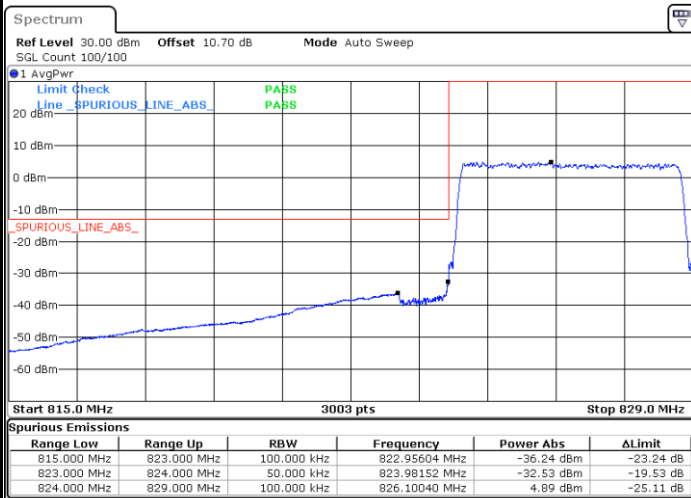
Date: 1.SEP.2022 15:00:25

Highest Band Edge / 1 RB



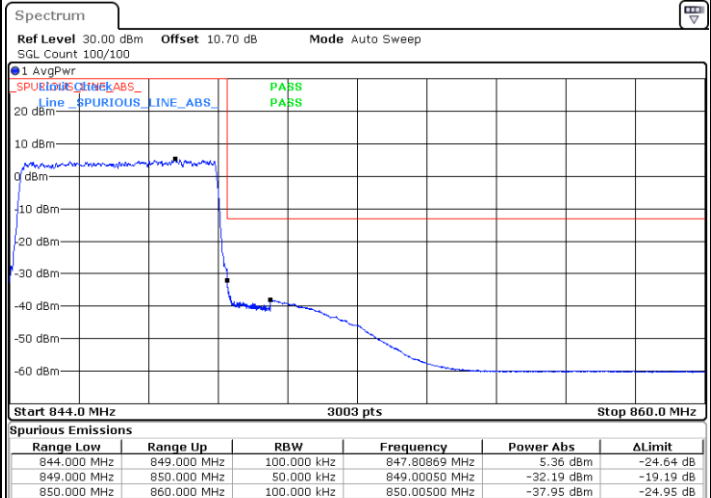
Date: 1.SEP.2022 15:02:08

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:59:38

Highest Band Edge / Full RB

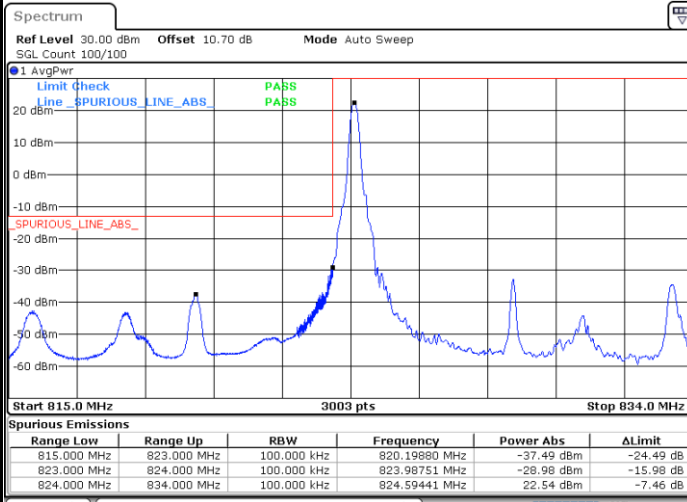


Date: 1.SEP.2022 15:02:57



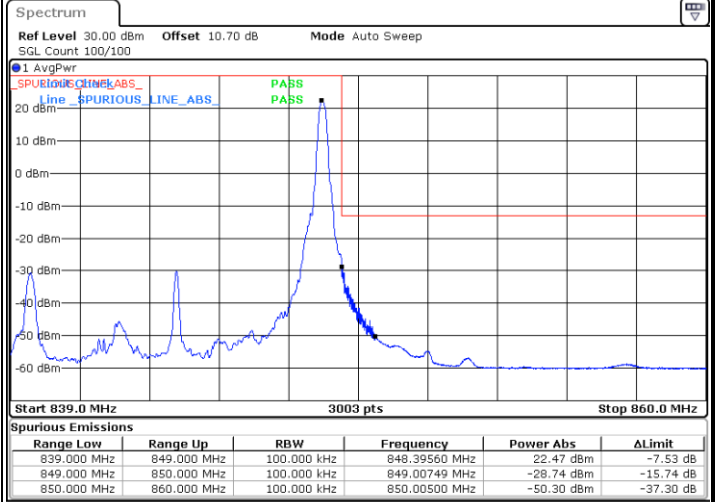
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



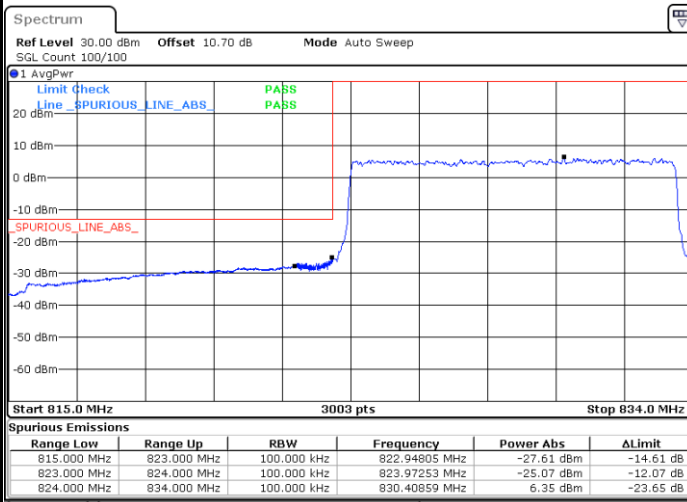
Date: 1.SEP.2022 14:23:23

Highest Band Edge / 1 RB



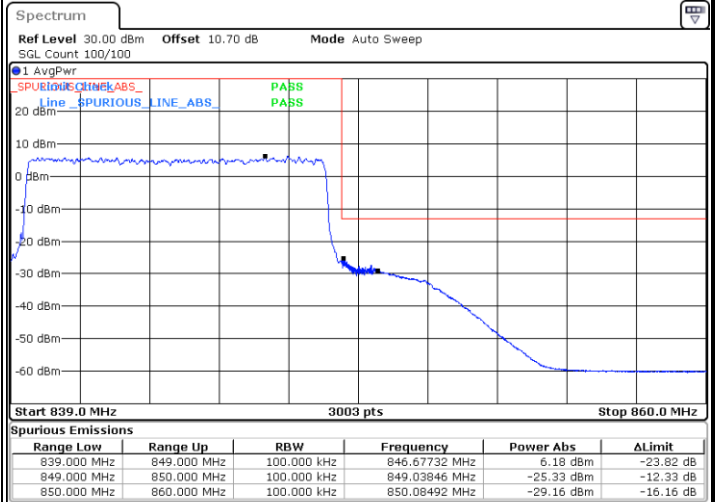
Date: 1.SEP.2022 14:27:51

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:21:12

Highest Band Edge / Full RB

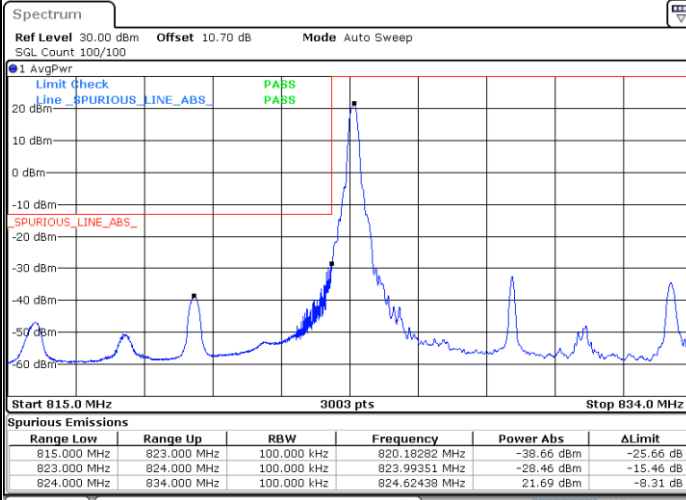


Date: 1.SEP.2022 14:30:10

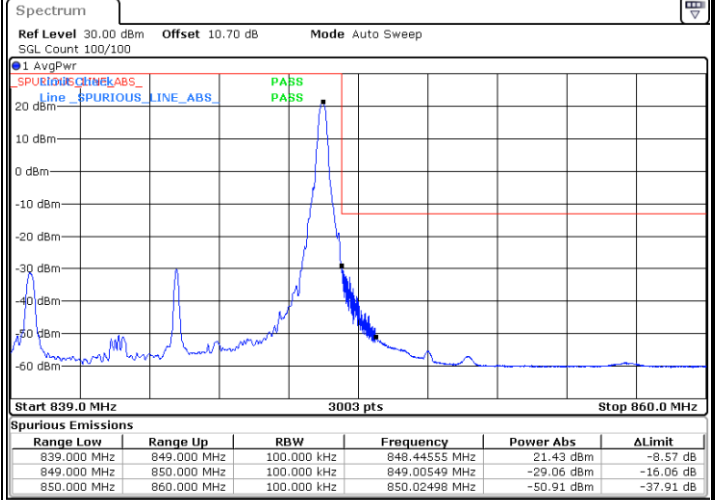


LTE Band 26 / 10MHz / 16QAM

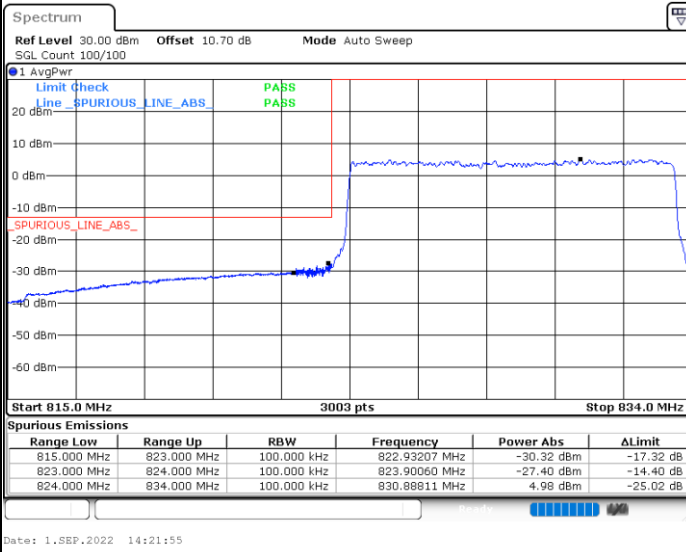
Lowest Band Edge / 1 RB



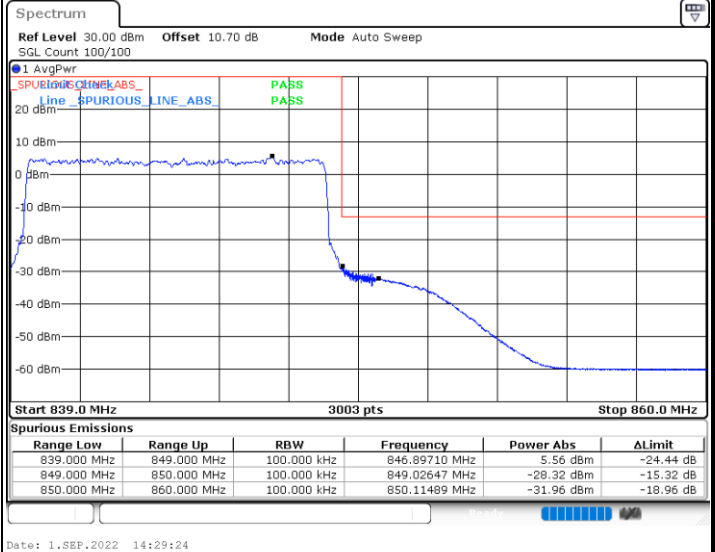
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



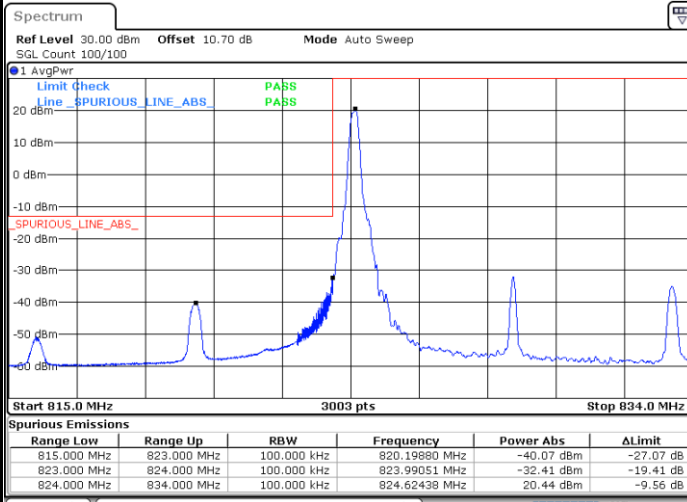
Highest Band Edge / Full RB





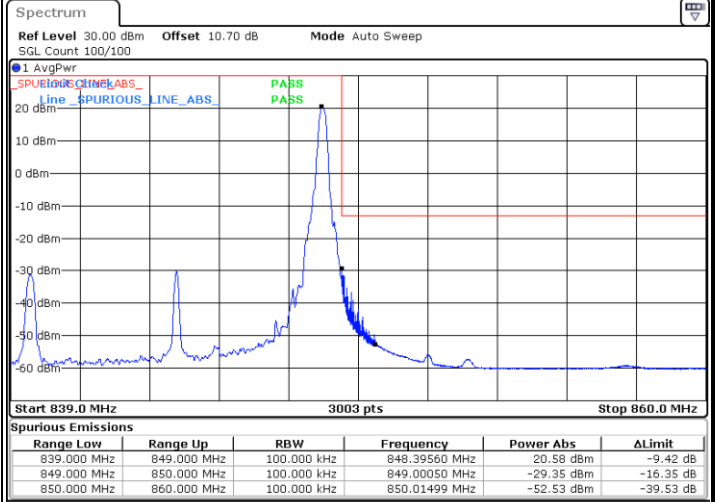
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



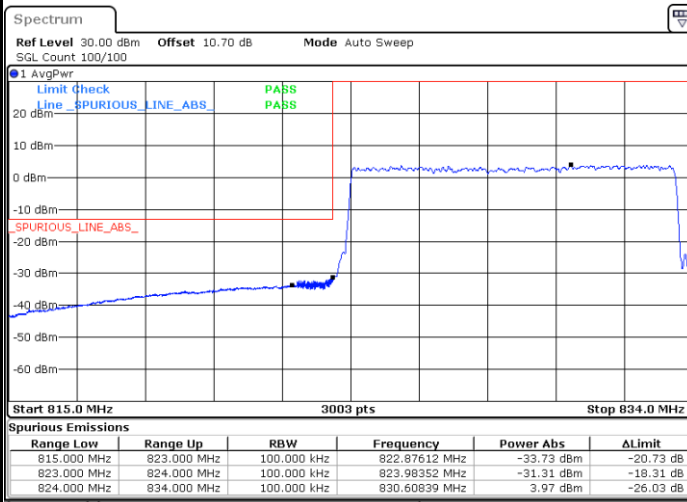
Date: 1.SEP.2022 14:32:40

Highest Band Edge / 1 RB



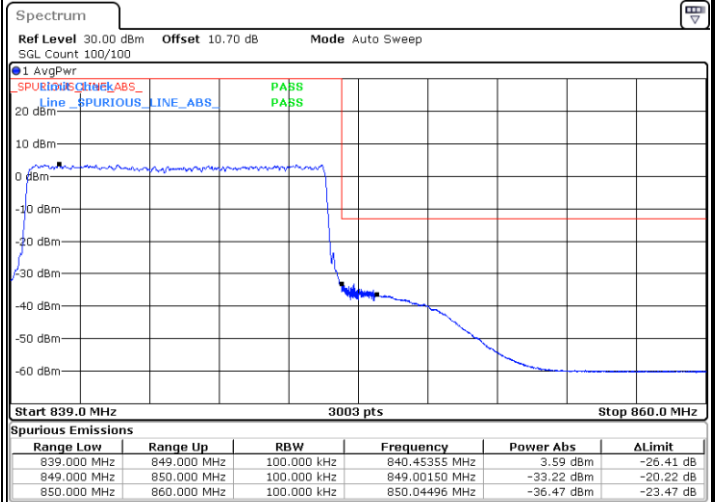
Date: 1.SEP.2022 14:34:15

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:31:56

Highest Band Edge / Full RB

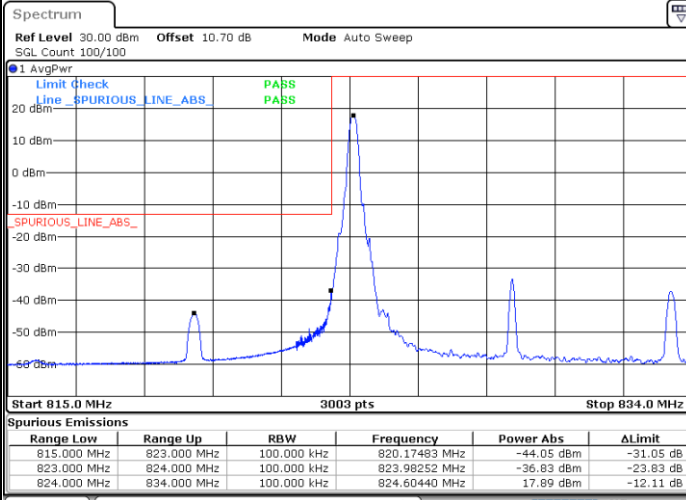


Date: 1.SEP.2022 14:35:01



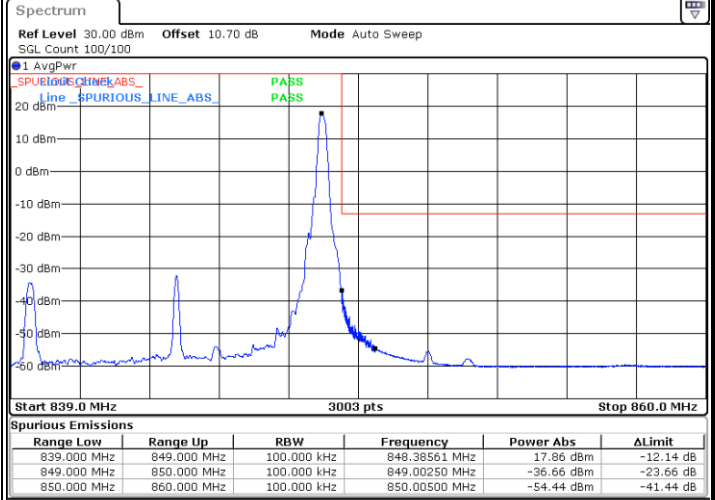
LTE Band 26 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



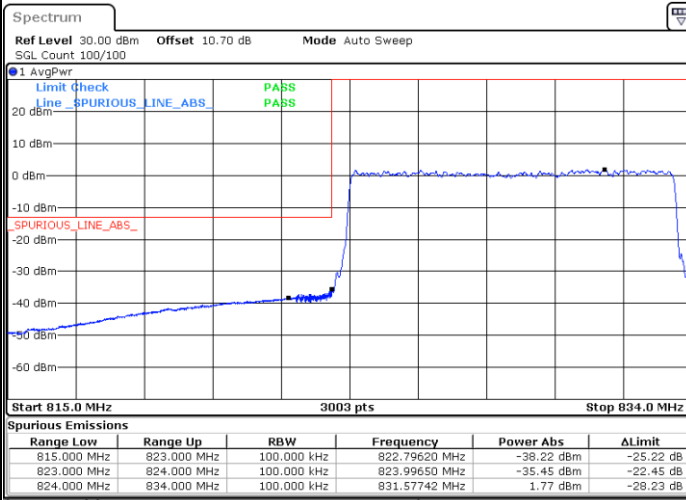
Date: 1.SEP.2022 15:04:29

Highest Band Edge / 1 RB



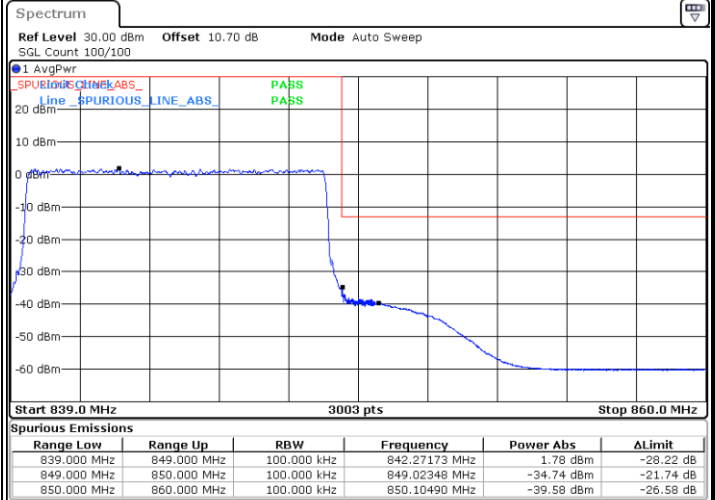
Date: 1.SEP.2022 15:06:12

Lowest Band Edge / Full RB



Date: 1.SEP.2022 15:03:43

Highest Band Edge / Full RB

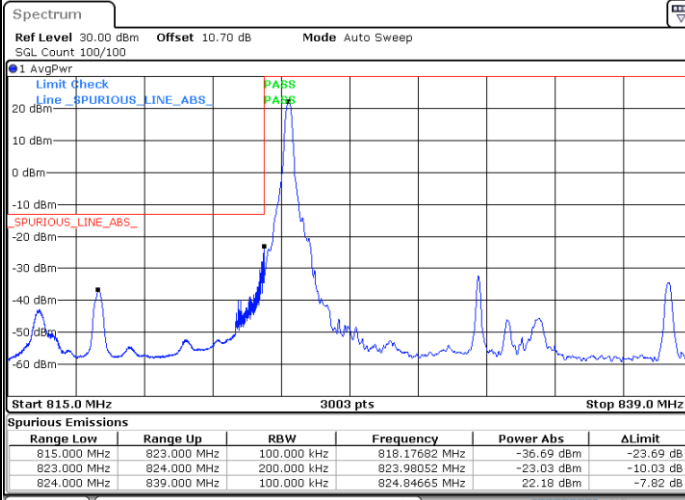


Date: 1.SEP.2022 15:07:01



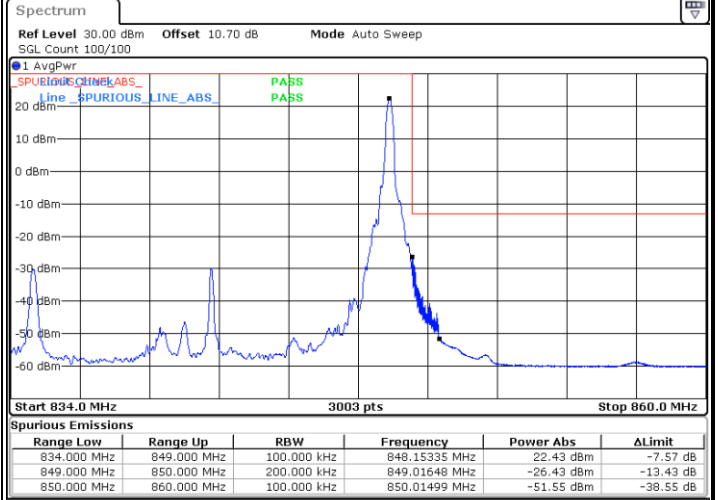
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



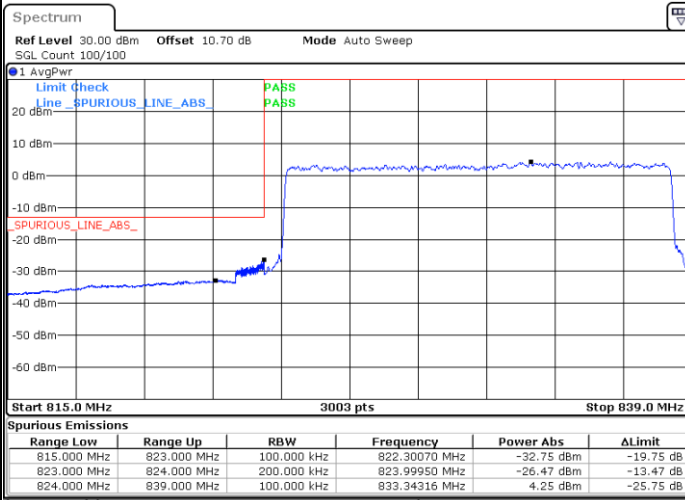
Date: 1.SEP.2022 14:41:39

Highest Band Edge / 1 RB



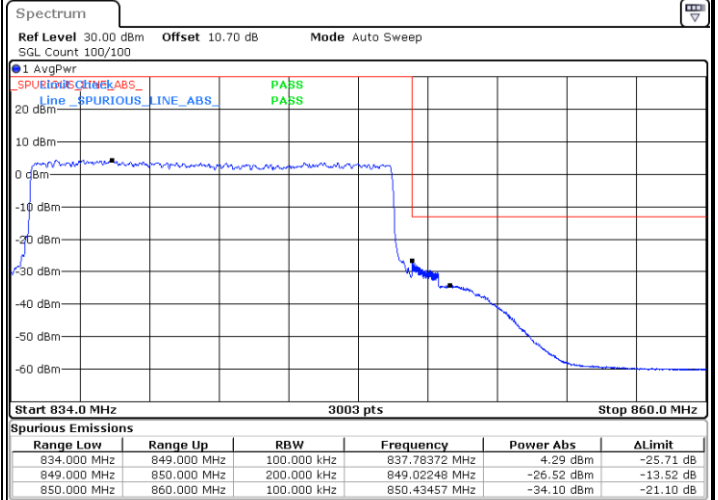
Date: 1.SEP.2022 14:46:06

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:39:31

Highest Band Edge / Full RB

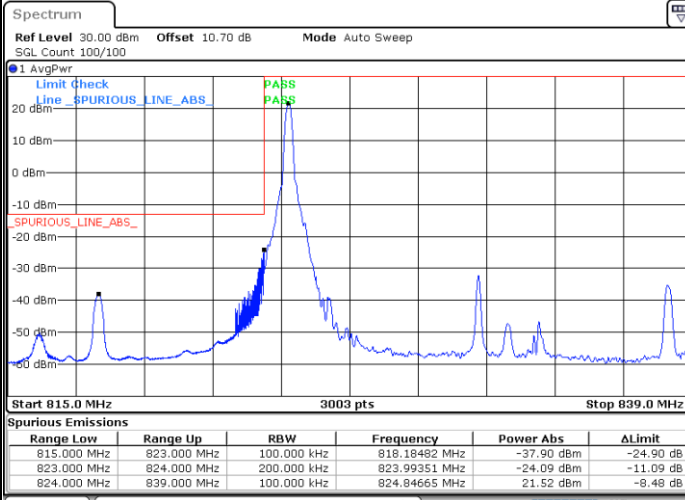


Date: 1.SEP.2022 14:48:24



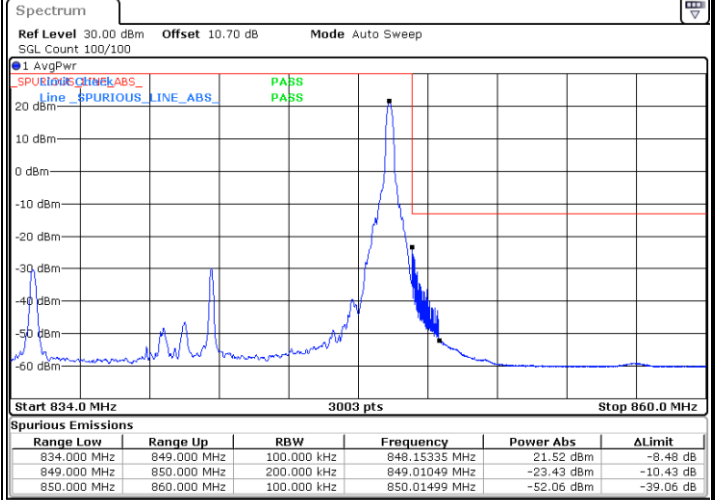
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



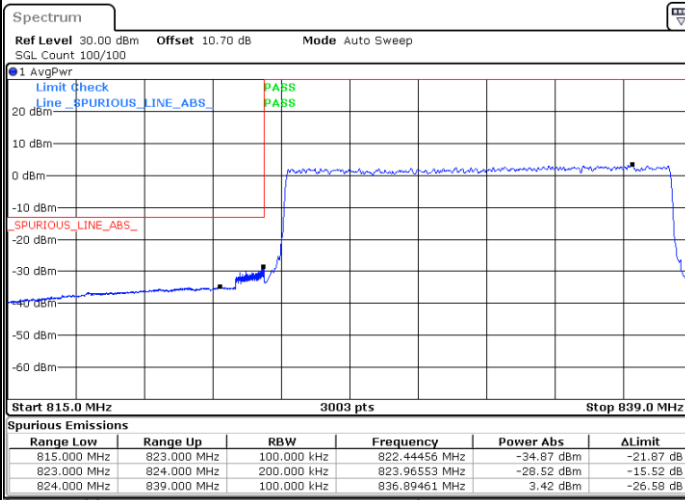
Date: 1.SEP.2022 14:40:56

Highest Band Edge / 1 RB



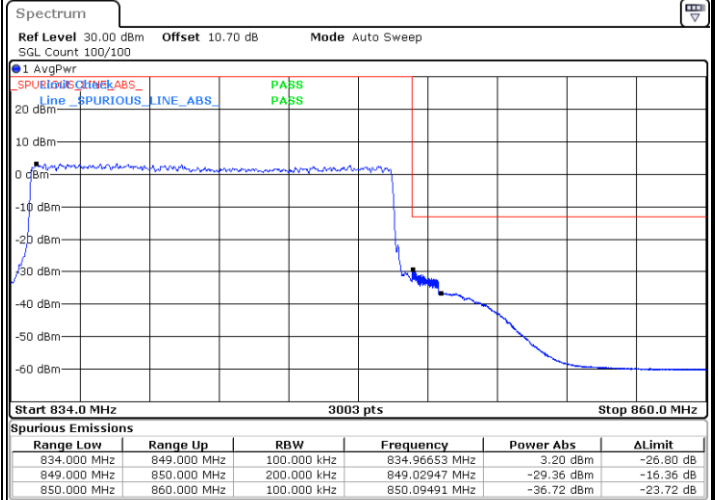
Date: 1.SEP.2022 14:46:52

Lowest Band Edge / Full RB



Date: 1.SEP.2022 14:40:13

Highest Band Edge / Full RB

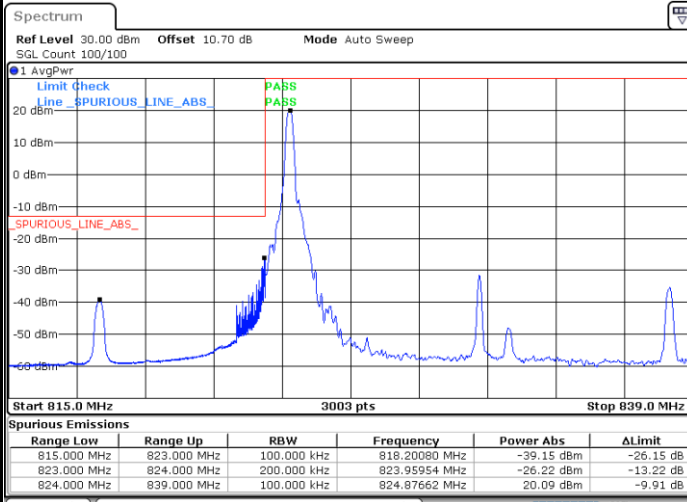


Date: 1.SEP.2022 14:47:38

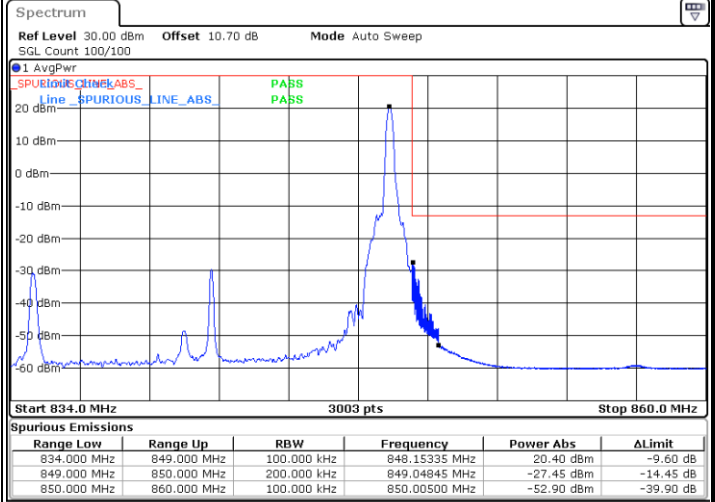


LTE Band 26 / 15MHz / 64QAM

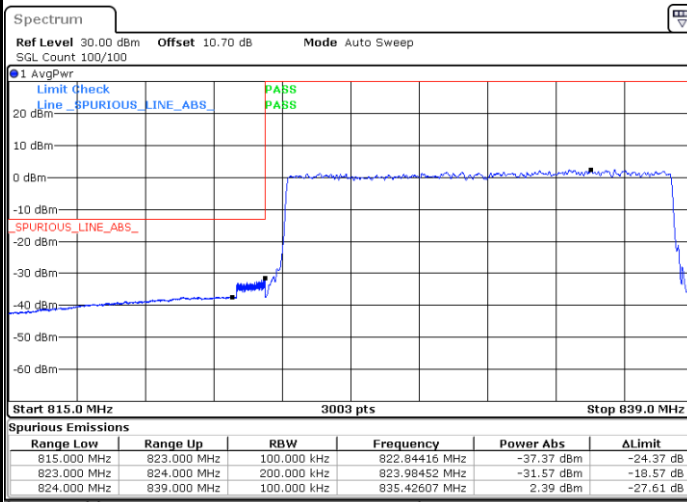
Lowest Band Edge / 1 RB



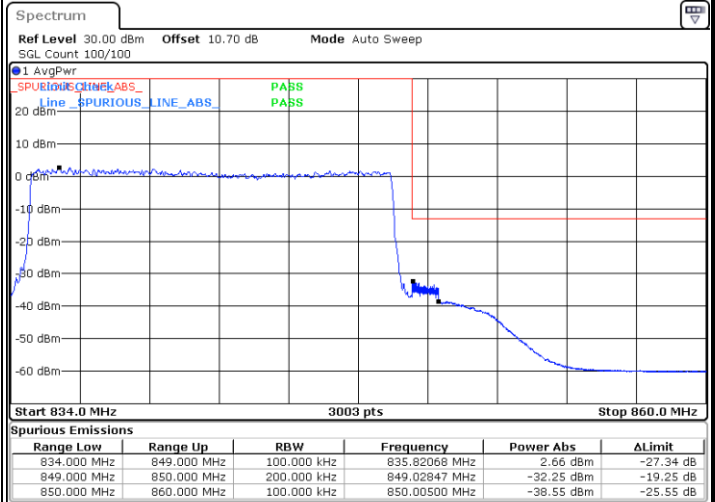
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



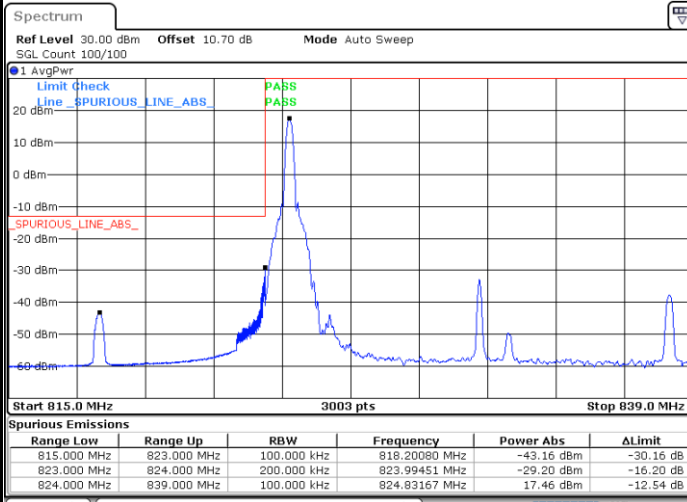
Highest Band Edge / Full RB





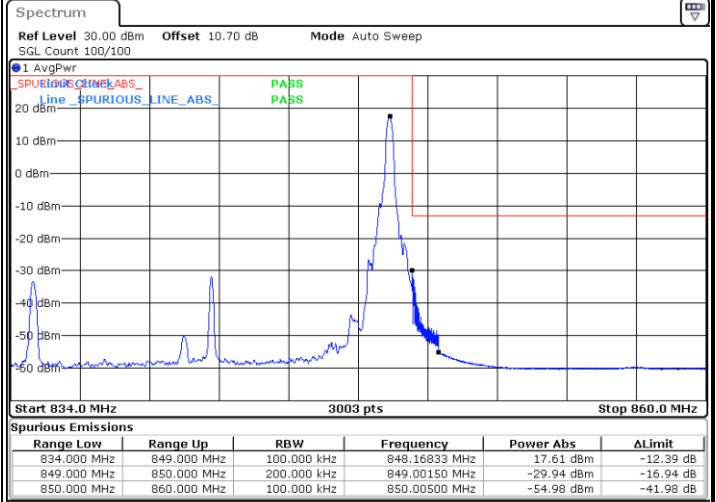
LTE Band 26 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



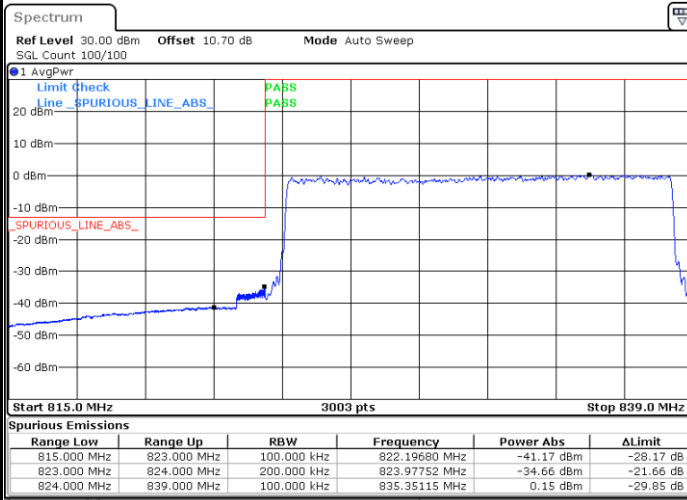
Date: 1.SEP.2022 15:08:30

Highest Band Edge / 1 RB



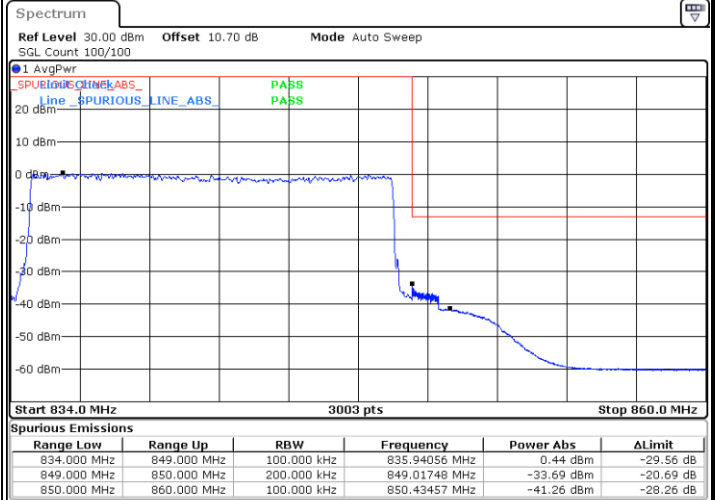
Date: 1.SEP.2022 15:10:29

Lowest Band Edge / Full RB



Date: 1.SEP.2022 15:07:48

Highest Band Edge / Full RB



Date: 1.SEP.2022 15:11:18

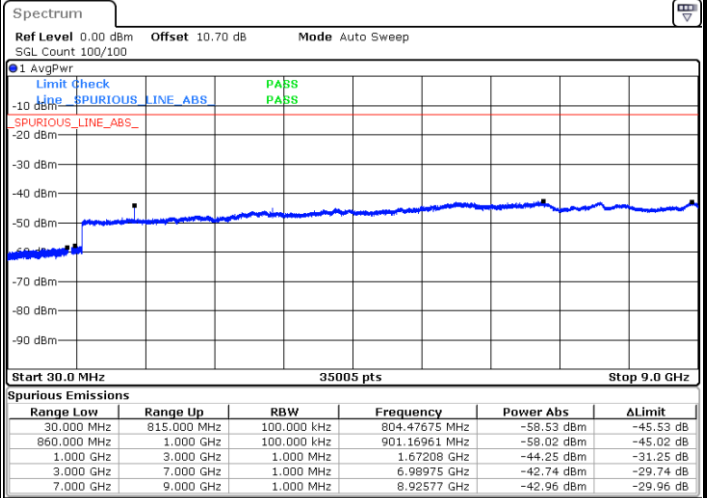
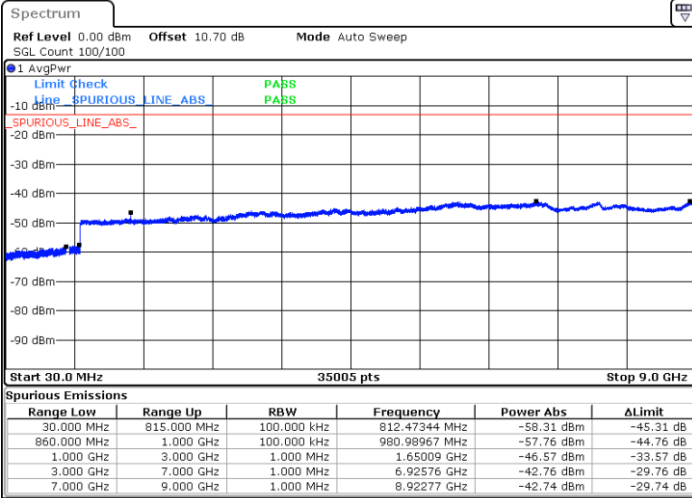


Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

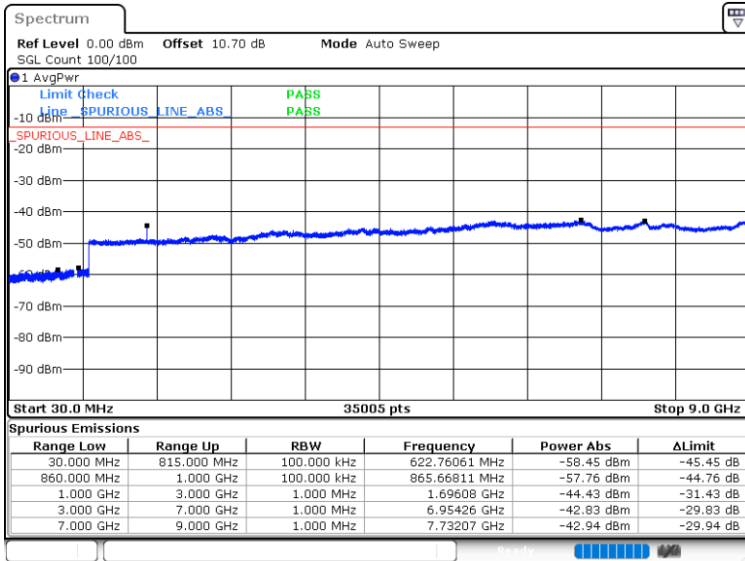
Middle Channel / QPSK



Date: 1.SEP.2022 13:40:46

Date: 1.SEP.2022 13:43:25

Highest Channel / QPSK



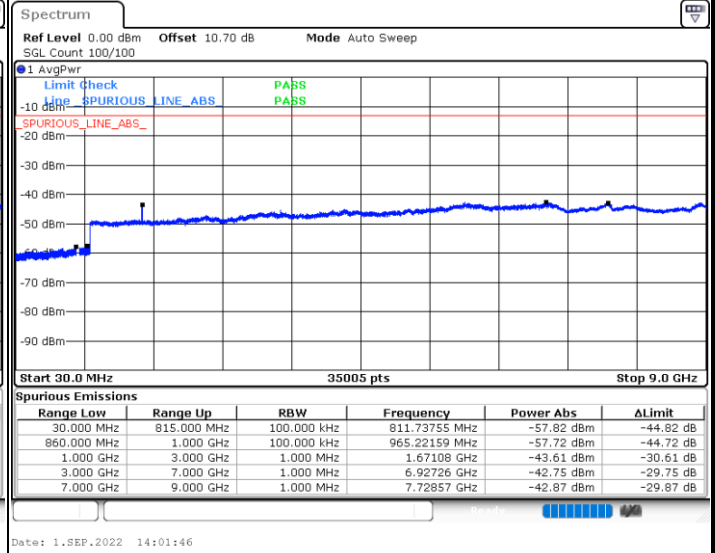
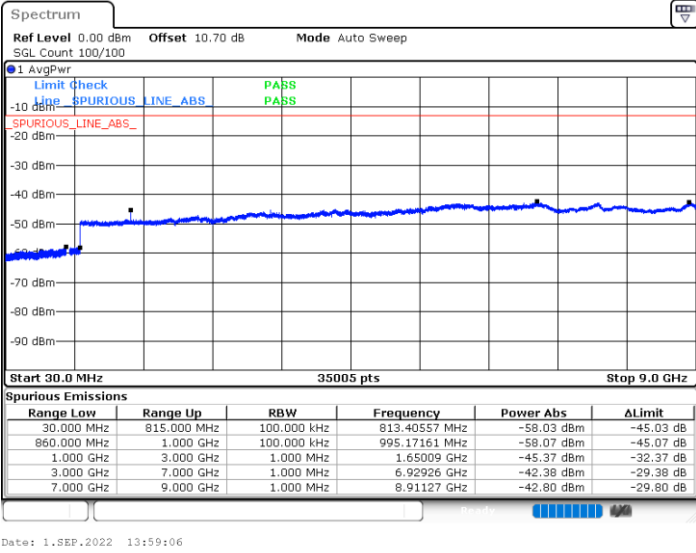
Date: 1.SEP.2022 13:47:33



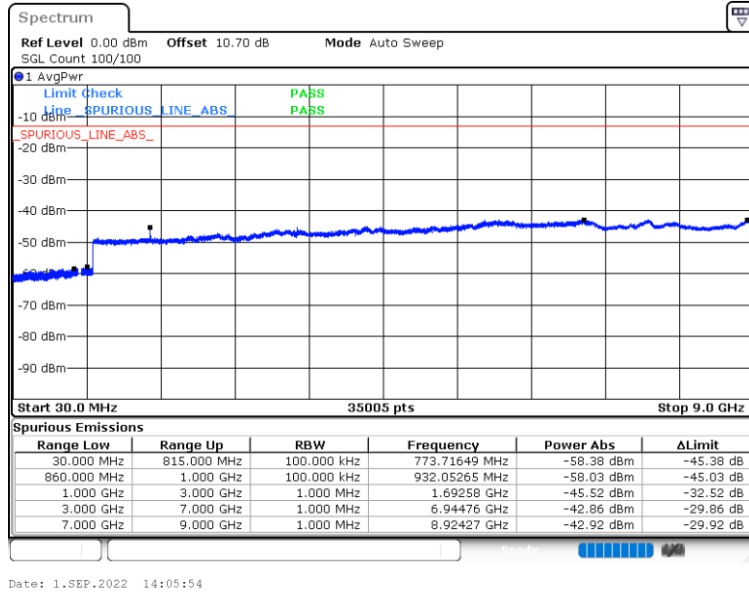
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

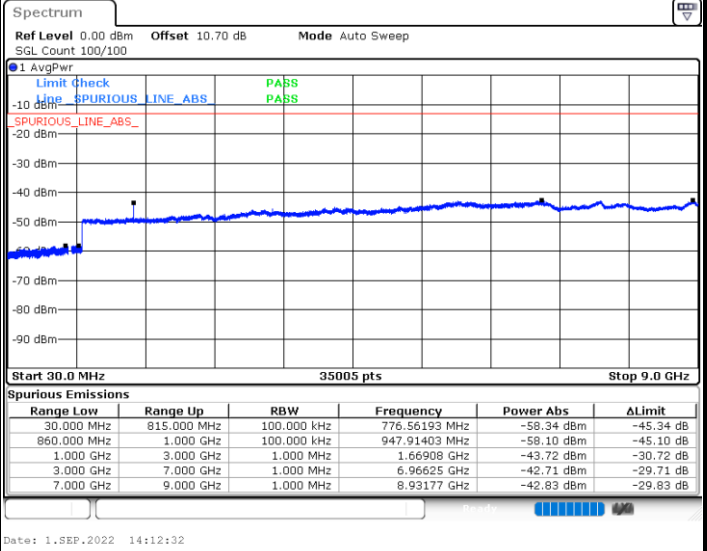
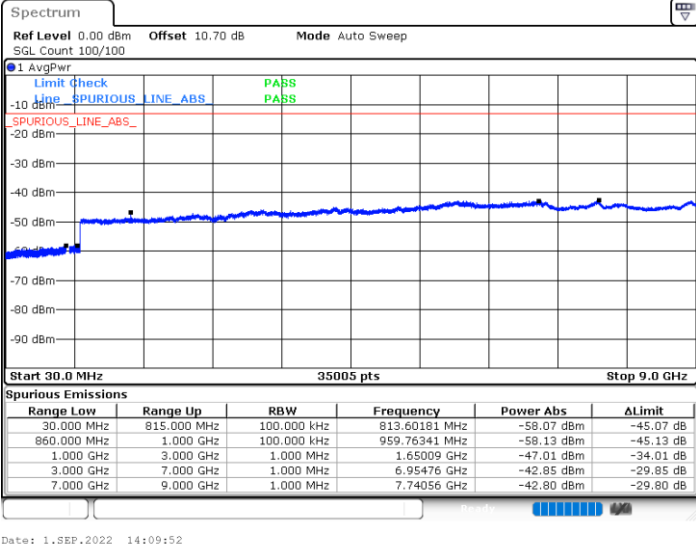




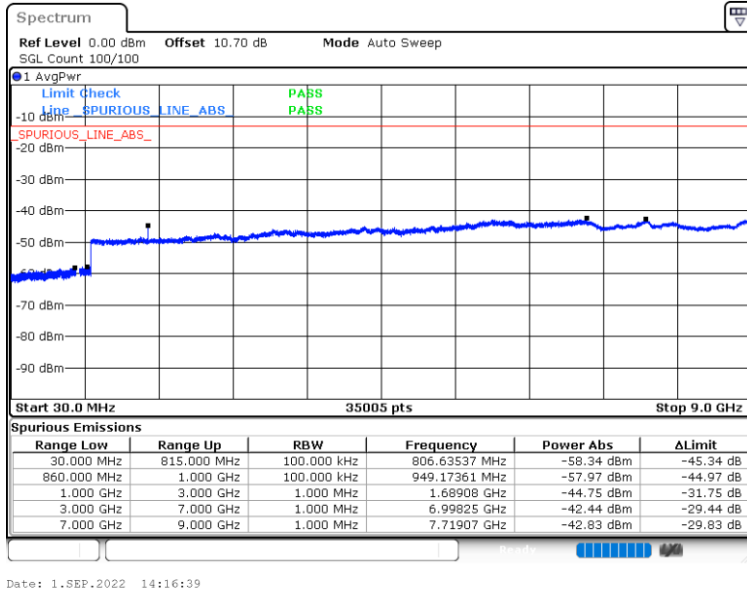
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

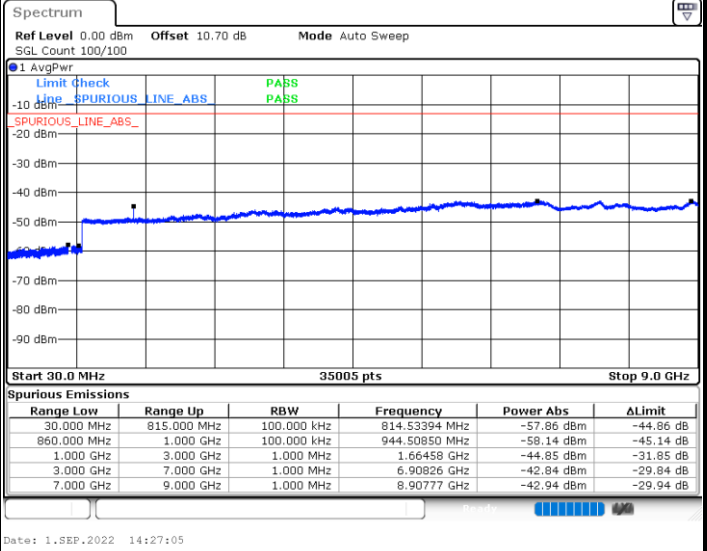
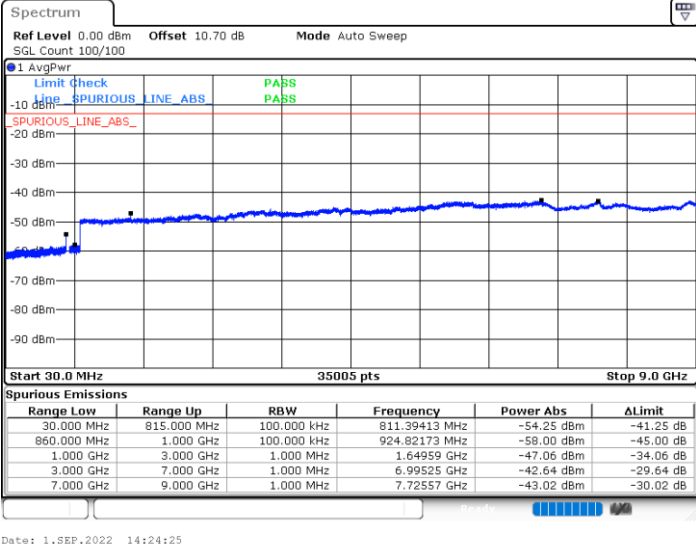




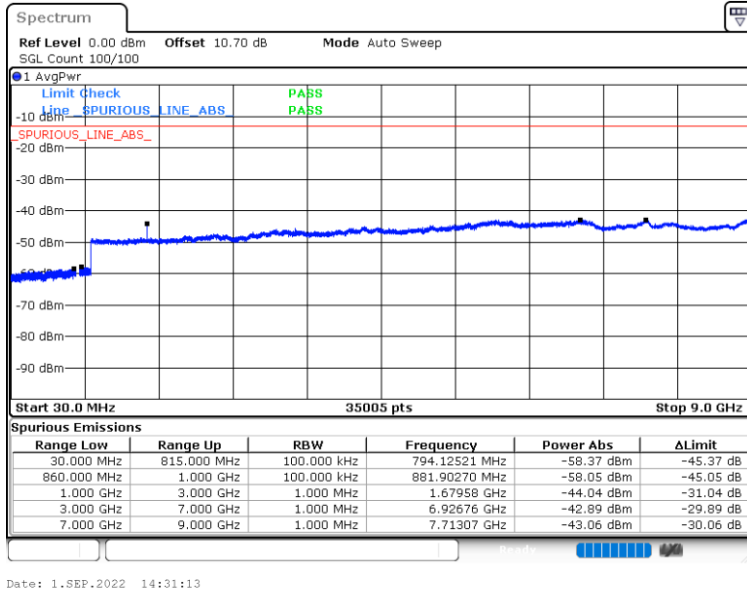
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

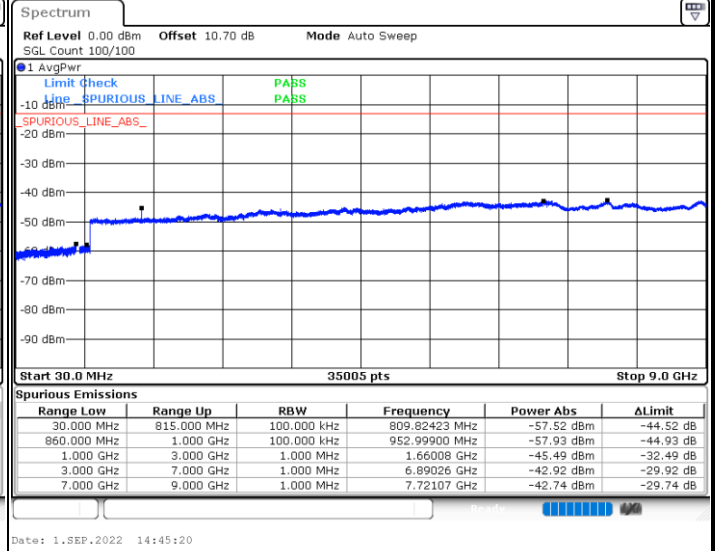
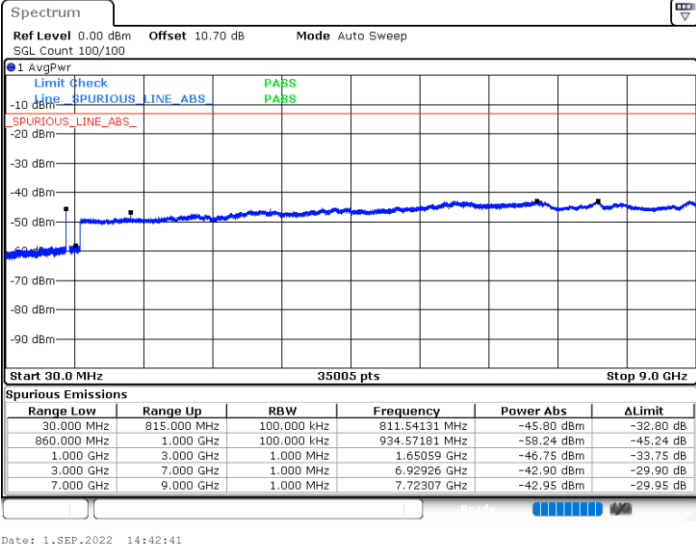




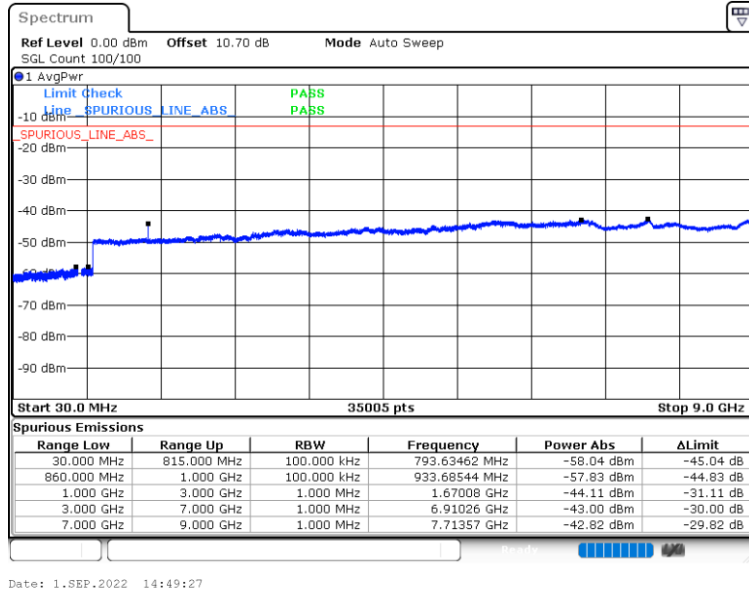
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0088	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0062	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0176	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0167	

Note:

- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

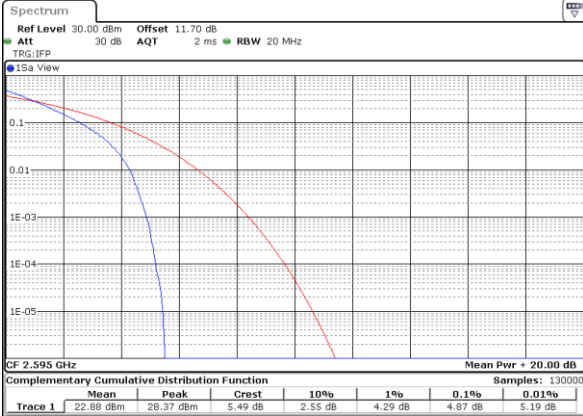
Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.86	6.52	6.72	PASS



LTE Band 38 / 20MHz / QPSK

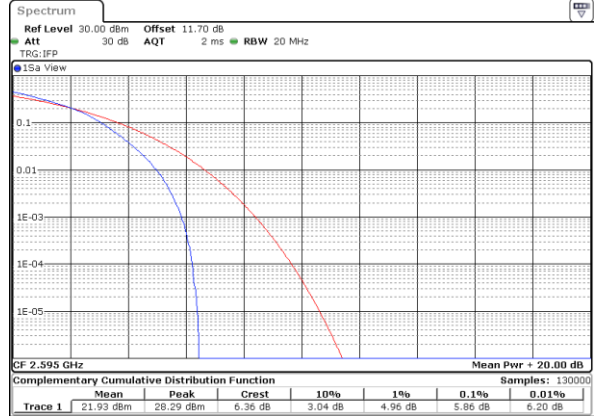
Middle Channel / Full RB



Date: 25.AUG.2022 17:35:29

LTE Band 38 / 20MHz / 16QAM

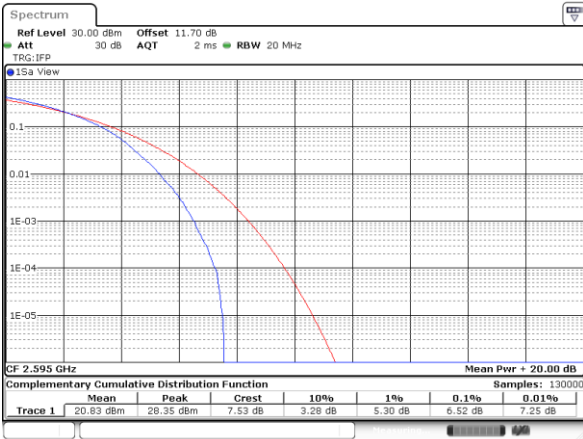
Middle Channel / Full RB



Date: 25.AUG.2022 17:34:59

LTE Band 38 / 20MHz / 64QAM

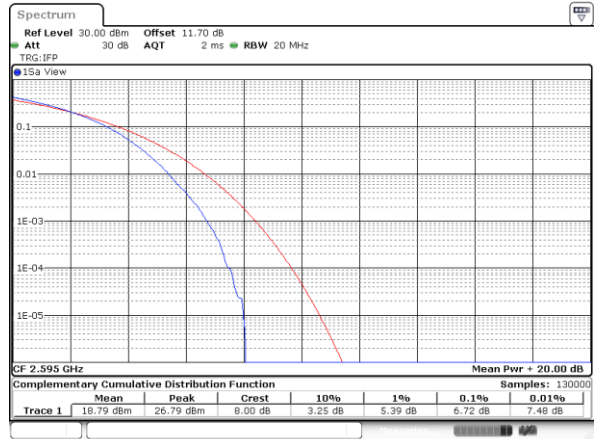
Middle Channel / Full RB



Date: 25.AUG.2022 17:34:29

LTE Band 38 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 25.AUG.2022 17:38:59



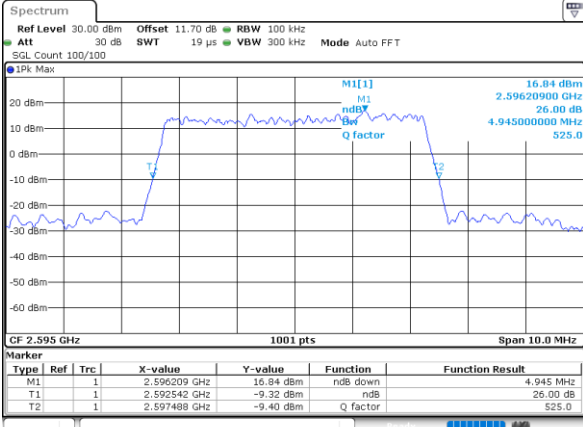
26dB Bandwidth

Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.95	4.84	9.89	9.67	14.45	14.15	19.14	18.66
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.95	4.90	9.71	9.61	14.39	14.12	18.66	19.02



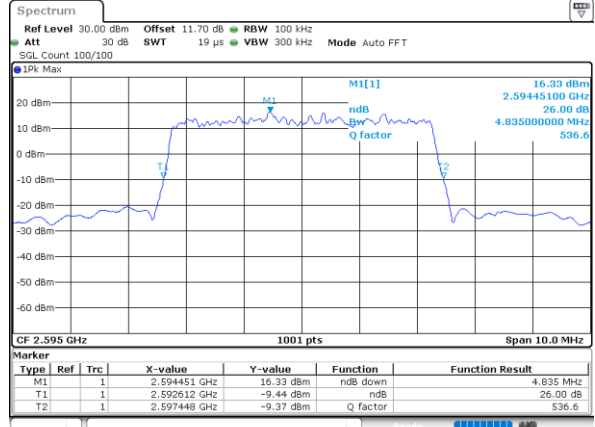
LTE Band 38

Middle Channel / 5MHz / QPSK



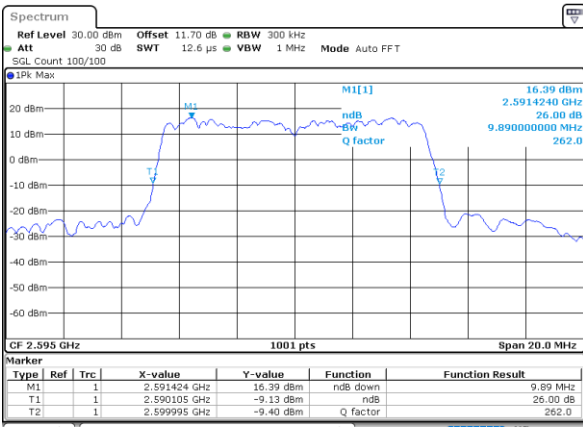
Date: 25.AUG.2022 17:24:11

Middle Channel / 5MHz / 16QAM



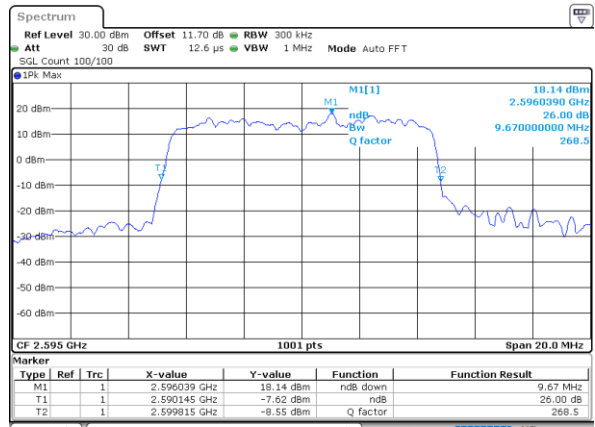
Date: 25.AUG.2022 17:24:46

Middle Channel / 10MHz / QPSK



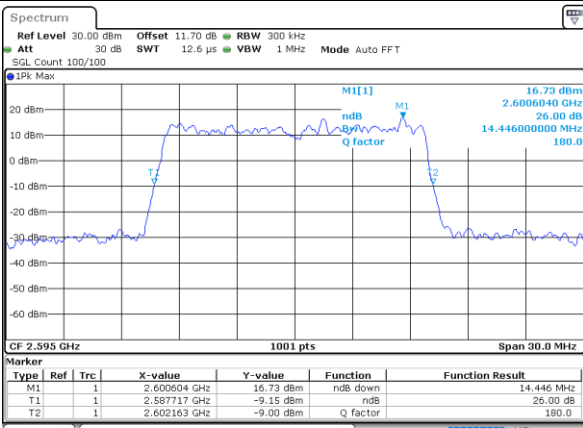
Date: 4.OCT.2022 09:54:38

Middle Channel / 10MHz / 16QAM



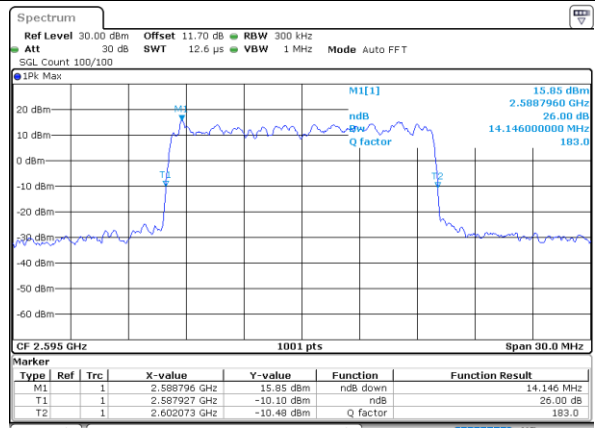
Date: 25.AUG.2022 17:26:48

Middle Channel / 15MHz / QPSK



Date: 4.OCT.2022 09:55:12

Middle Channel / 15MHz / 16QAM

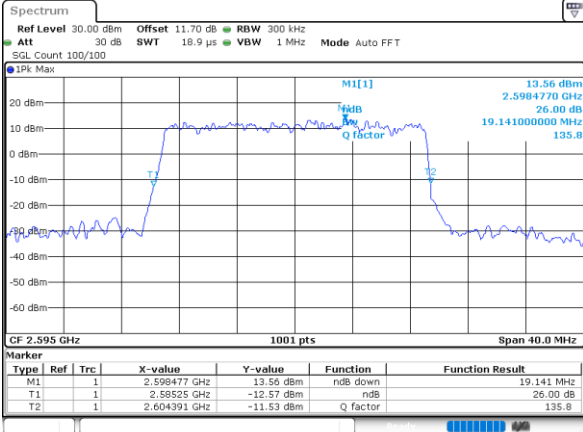


Date: 25.AUG.2022 17:28:49



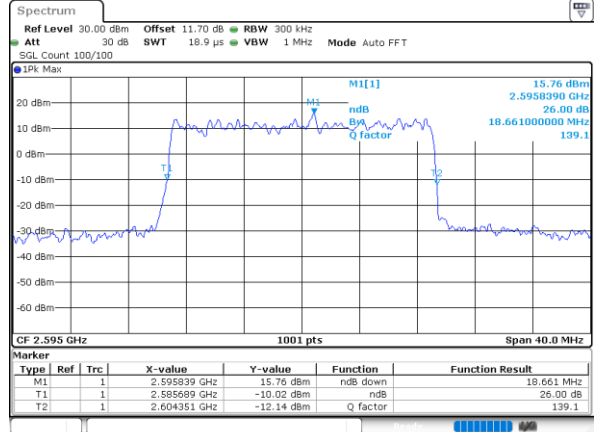
LTE Band 38

Middle Channel / 20MHz / QPSK



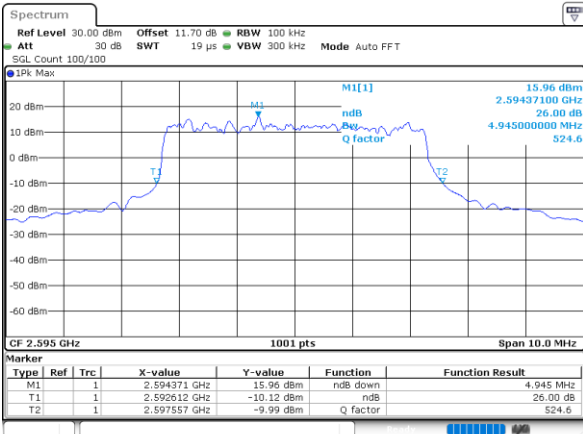
Date: 4.OCT.2022 09:15:04

Middle Channel / 20MHz / 16QAM



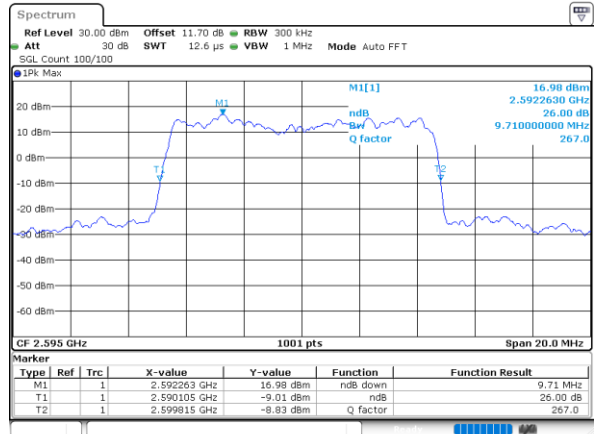
Date: 25.AUG.2022 17:13:150

Middle Channel / 5MHz / 64QAM



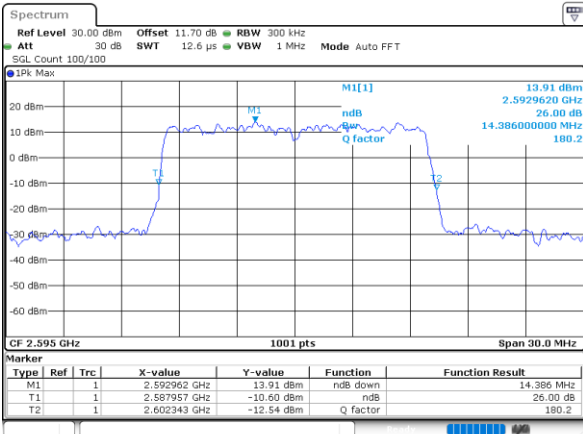
Date: 25.AUG.2022 17:13:142

Middle Channel / 10MHz / 64QAM



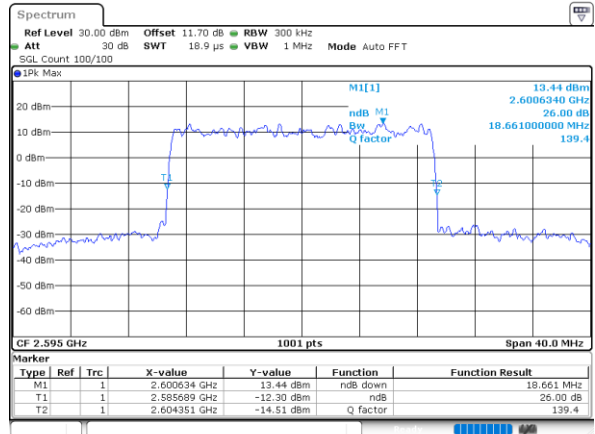
Date: 25.AUG.2022 17:13:130

Middle Channel / 15MHz / 64QAM



Date: 25.AUG.2022 17:13:125

Middle Channel / 20MHz / 64QAM

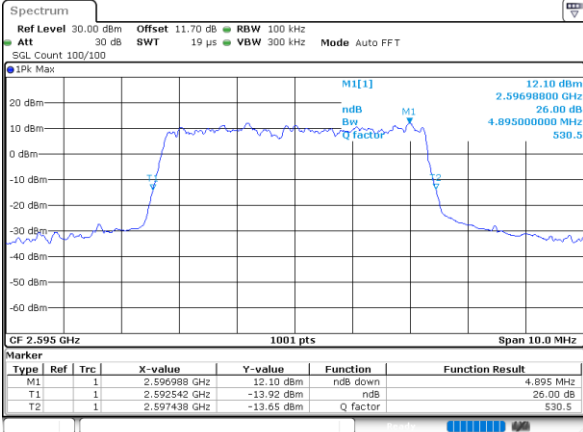


Date: 25.AUG.2022 17:13:114



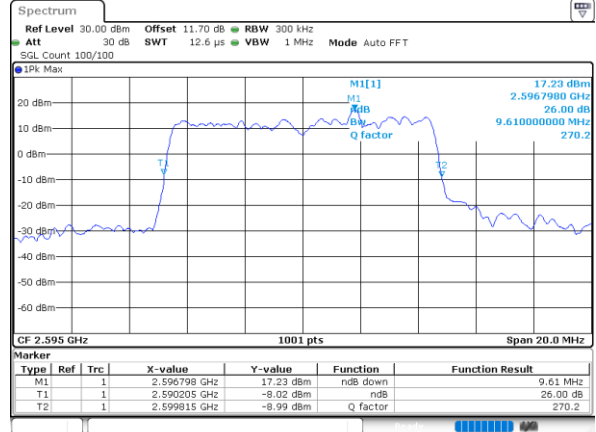
LTE Band 38

Middle Channel / 5MHz / 256QAM



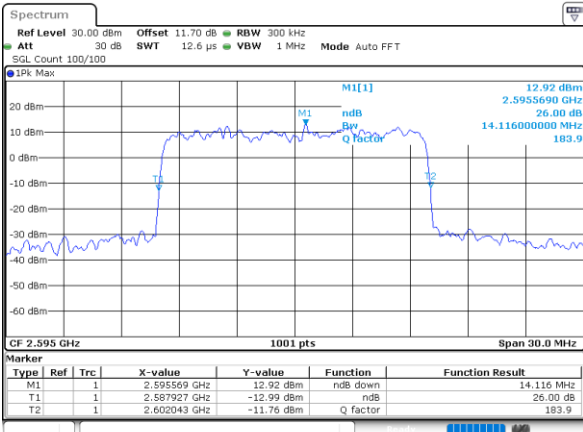
Date: 25_AUG.2022 17:36:18

Middle Channel / 10MHz / 256QAM



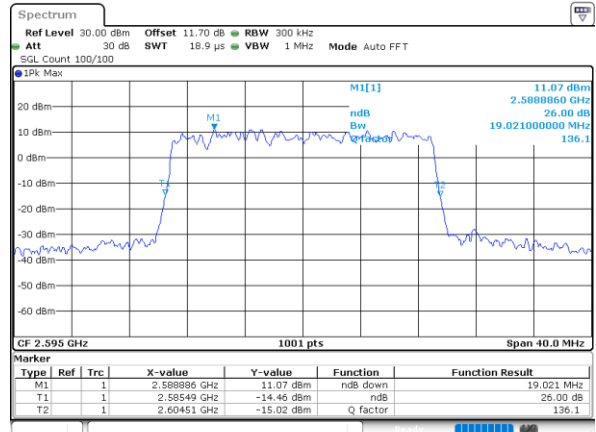
Date: 25_AUG.2022 17:37:06

Middle Channel / 15MHz / 256QAM



Date: 25_AUG.2022 17:37:55

Middle Channel / 20MHz / 256QAM



Date: 25_AUG.2022 17:38:43



Occupied Bandwidth

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	8.95	8.99	13.46	13.46	17.90	17.90
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.50	4.48	8.99	8.95	13.55	13.49	17.82	17.82