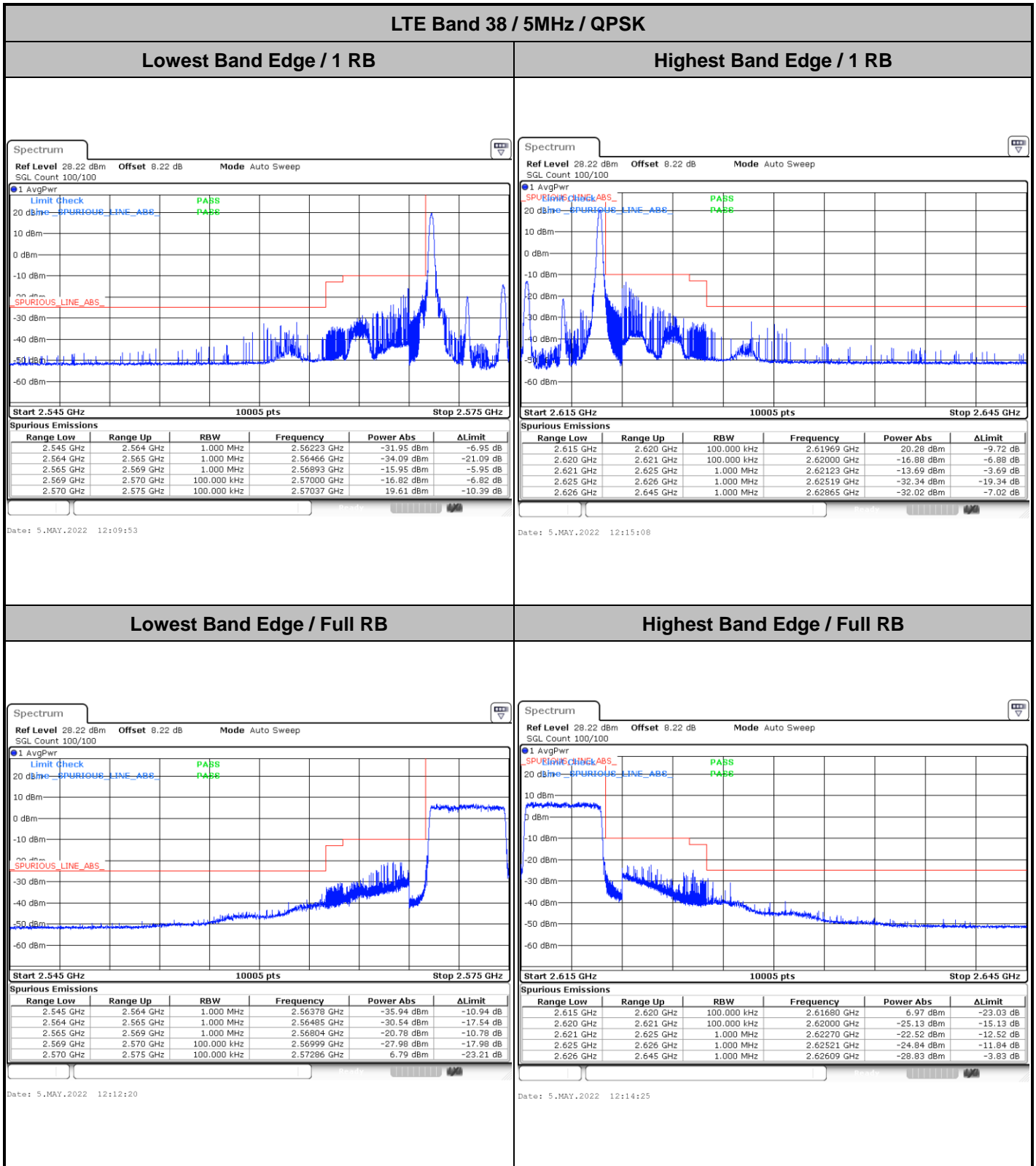




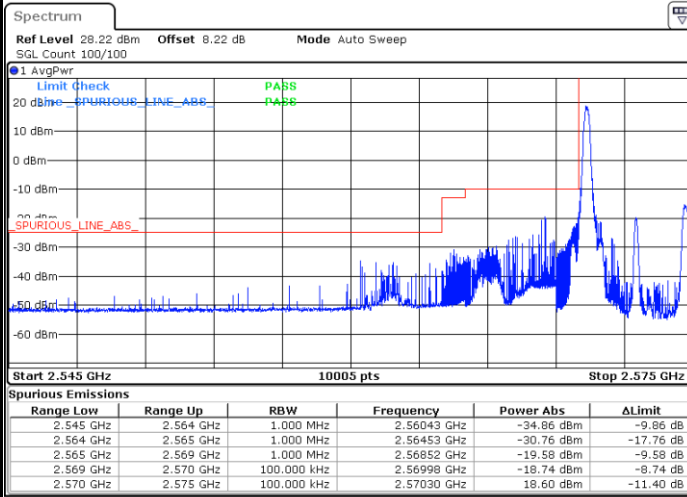
Conducted Band Edge





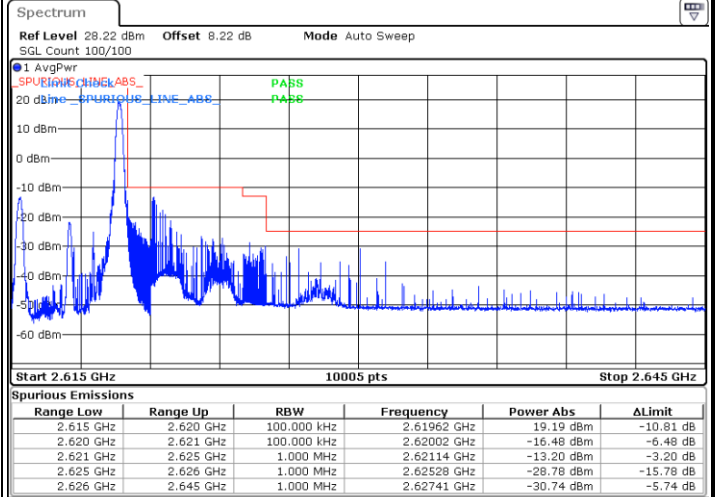
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



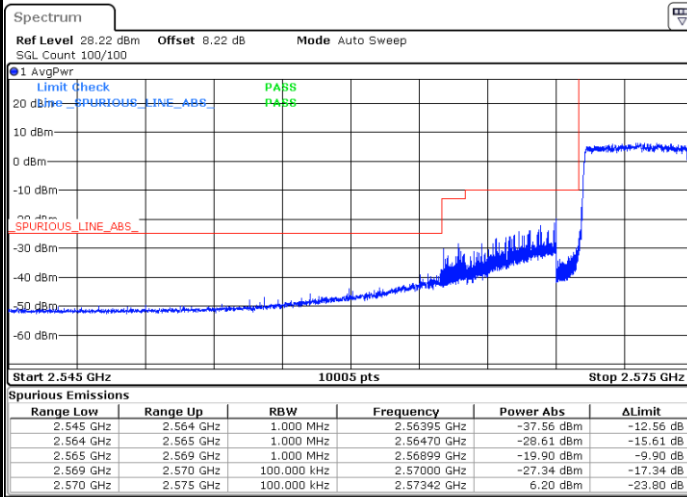
Date: 5.MAY.2022 12:10:28

Highest Band Edge / 1 RB



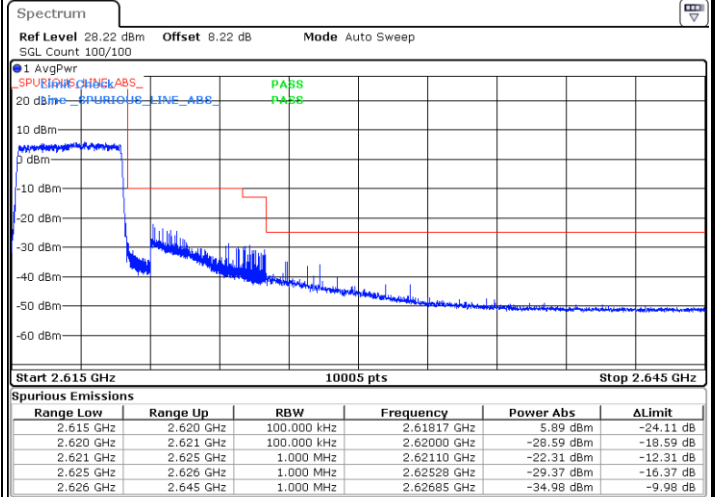
Date: 5.MAY.2022 12:15:30

Lowest Band Edge / Full RB



Date: 5.MAY.2022 12:11:53

Highest Band Edge / Full RB

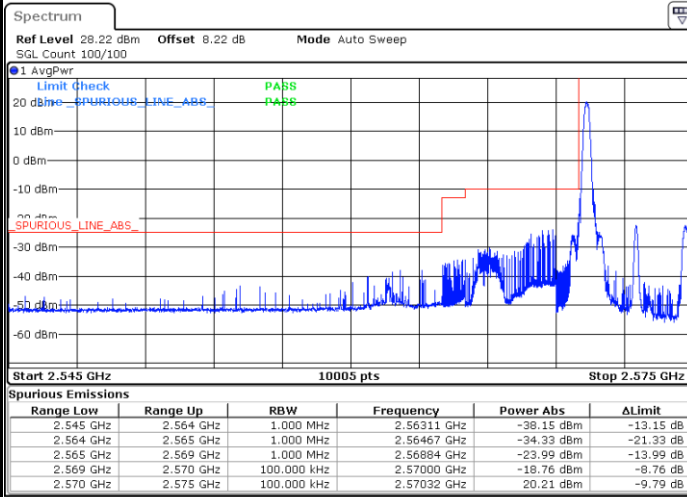


Date: 5.MAY.2022 12:13:19



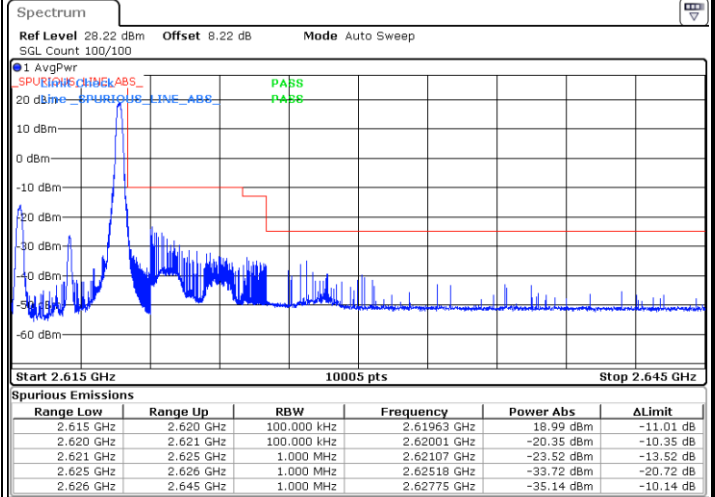
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



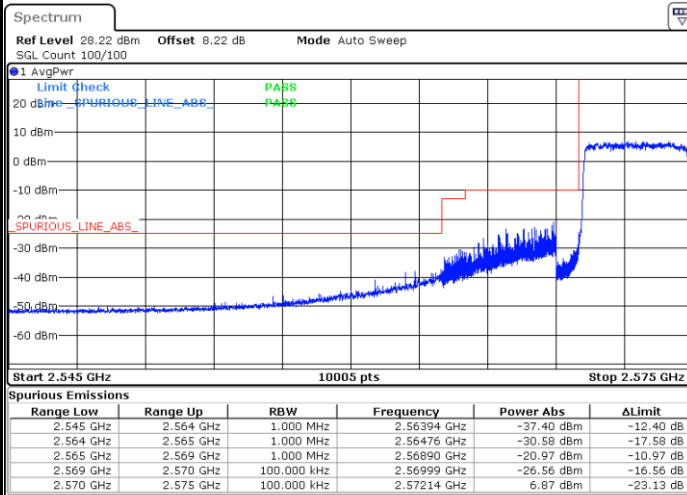
Date: 5.MAY.2022 12:11:02

Highest Band Edge / 1 RB



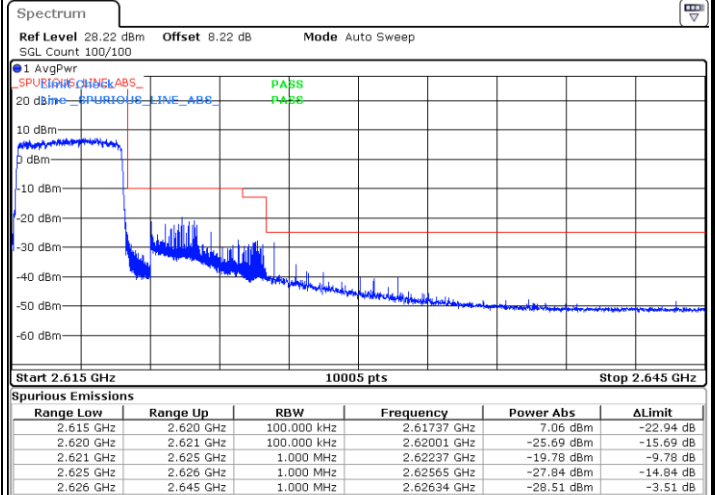
Date: 5.MAY.2022 12:15:54

Lowest Band Edge / Full RB



Date: 5.MAY.2022 12:11:29

Highest Band Edge / Full RB



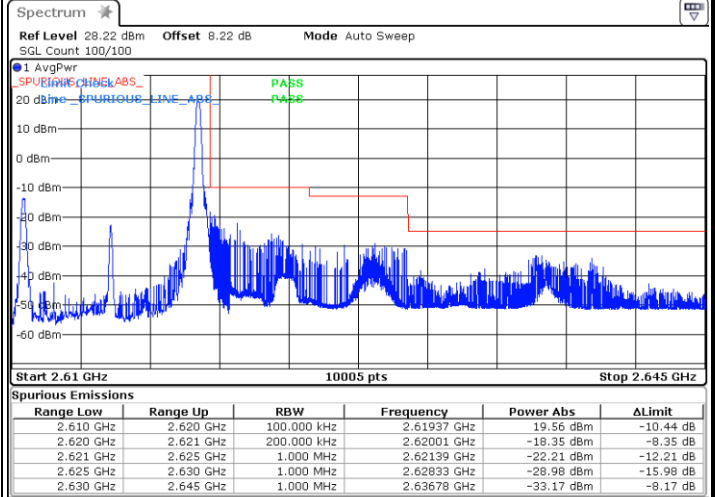
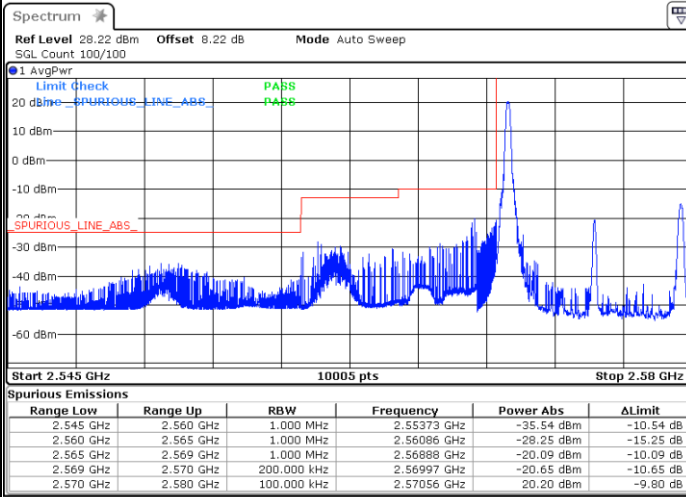
Date: 5.MAY.2022 12:14:02



LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

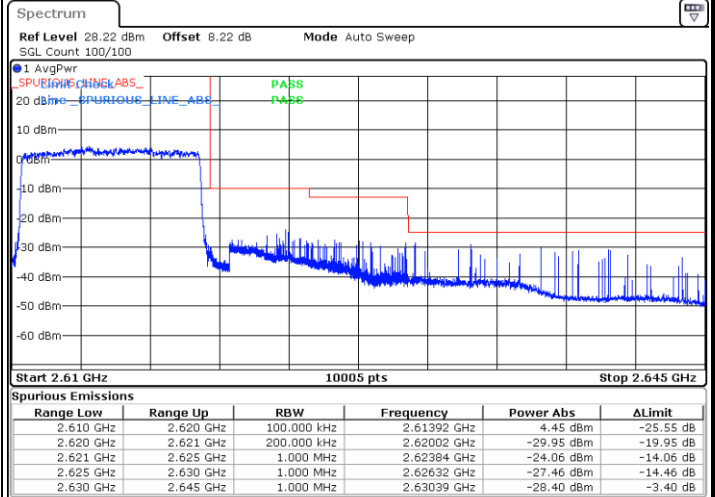
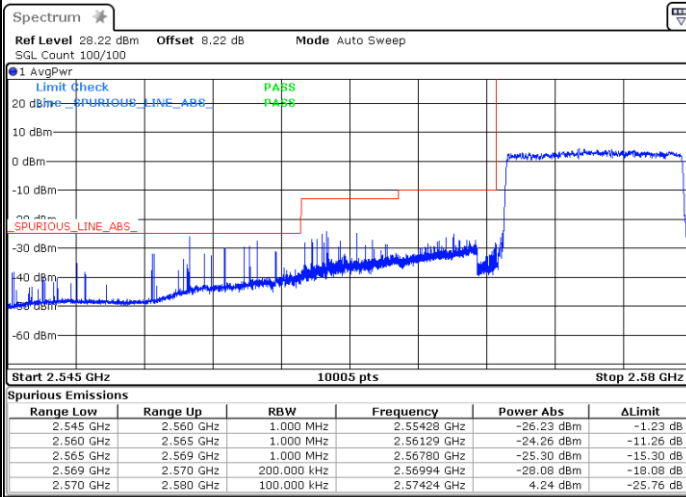


Date: 10.MAY.2022 09:43:25

Date: 5.MAY.2022 11:52:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



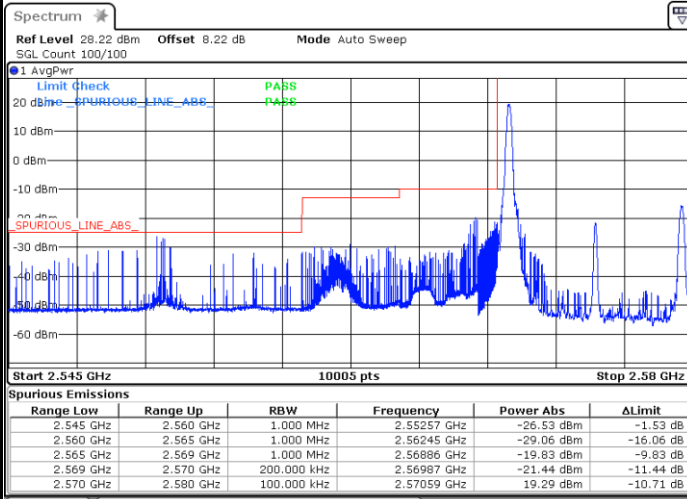
Date: 5.MAY.2022 11:46:56

Date: 5.MAY.2022 11:47:26



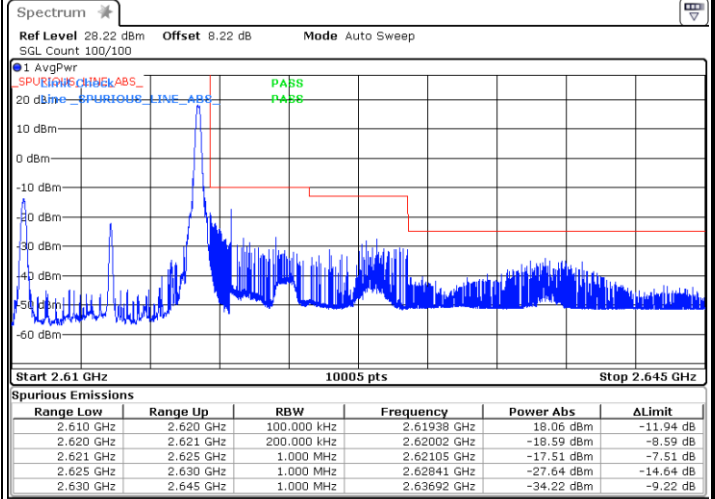
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



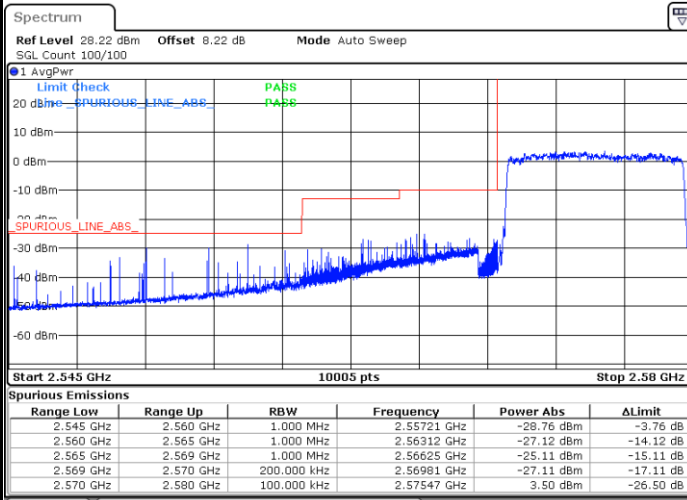
Date: 5.MAY.2022 11:44:27

Highest Band Edge / 1 RB



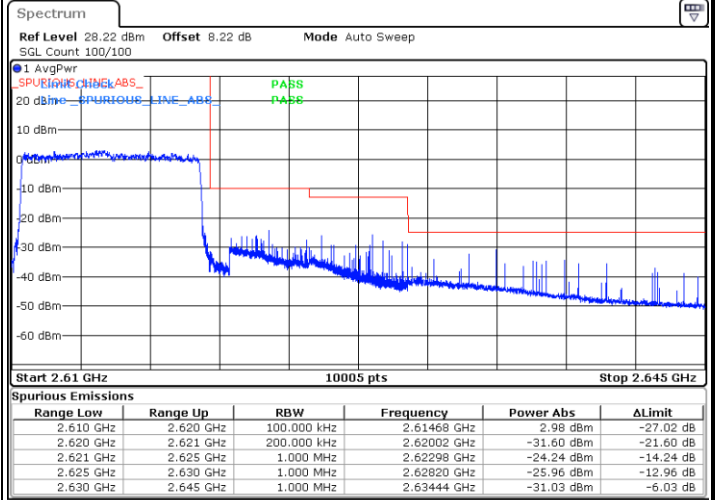
Date: 5.MAY.2022 11:52:09

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:46:08

Highest Band Edge / Full RB

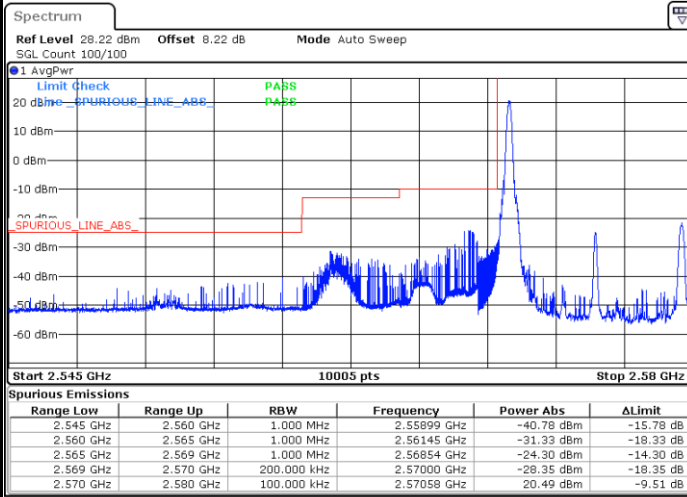


Date: 5.MAY.2022 11:48:32



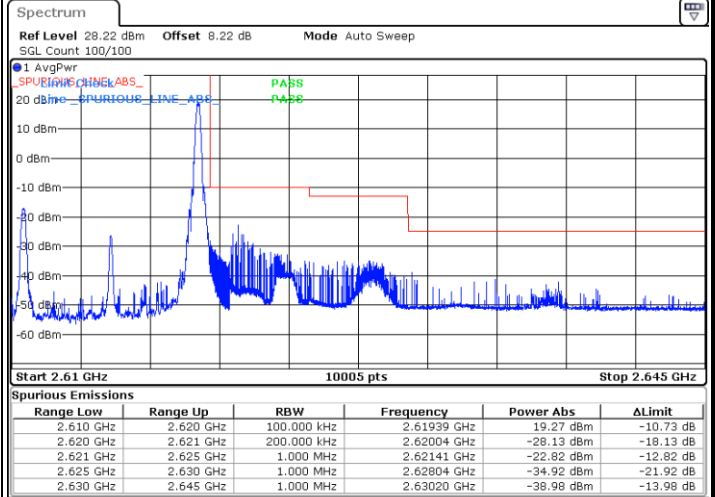
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



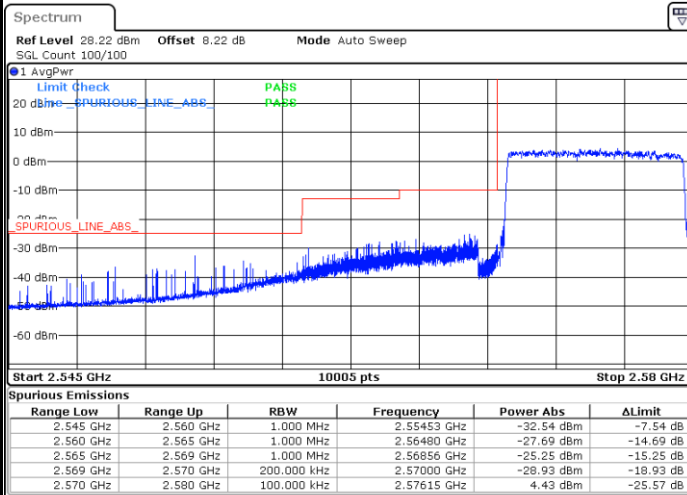
Date: 5.MAY.2022 11:44:59

Highest Band Edge / 1 RB



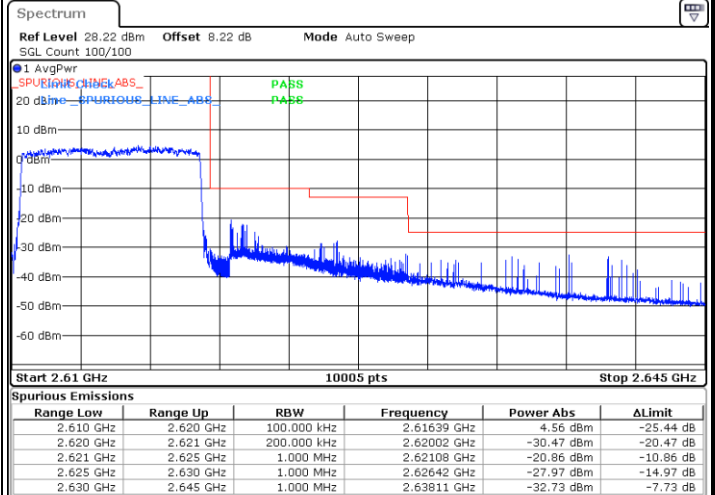
Date: 5.MAY.2022 11:50:36

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:45:40

Highest Band Edge / Full RB

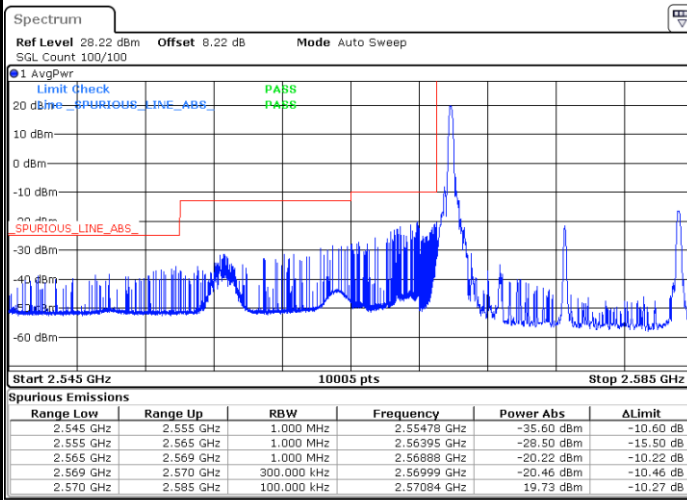


Date: 5.MAY.2022 11:49:12



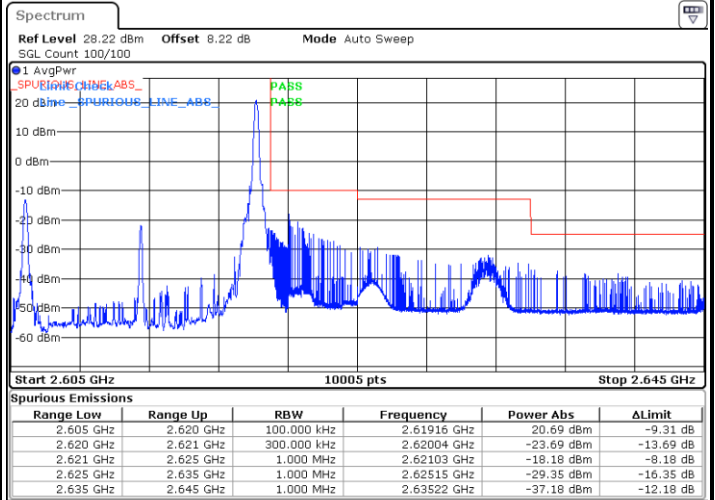
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



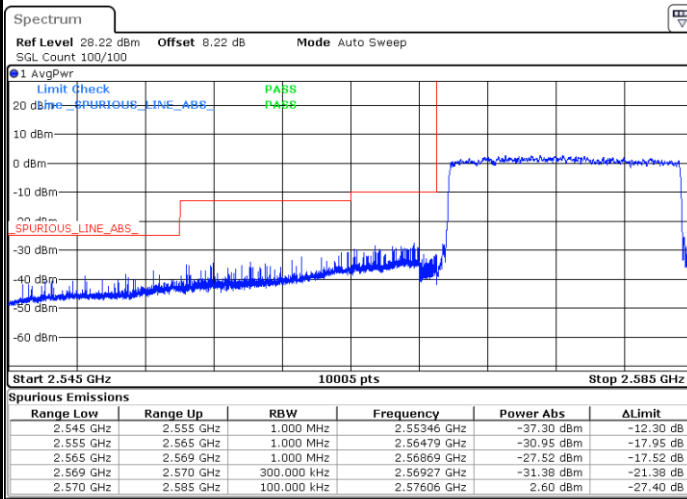
Date: 5.MAY.2022 11:26:39

Highest Band Edge / 1 RB



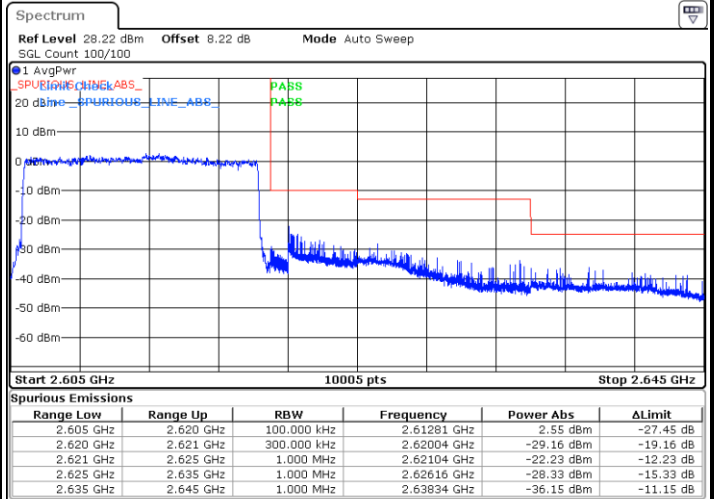
Date: 5.MAY.2022 11:33:04

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:28:40

Highest Band Edge / Full RB

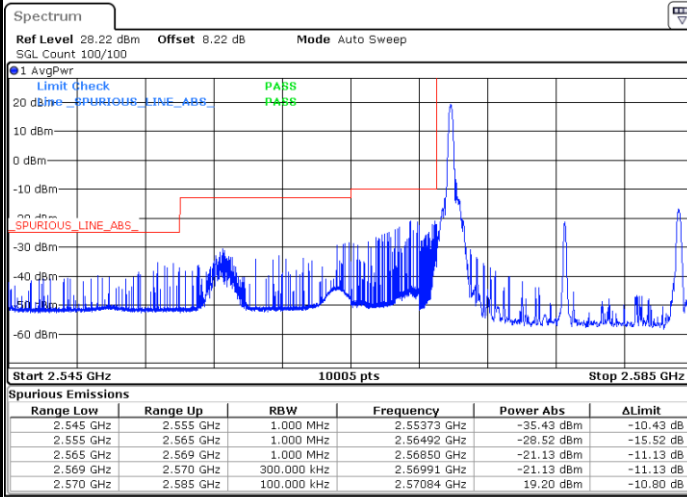


Date: 5.MAY.2022 11:30:33



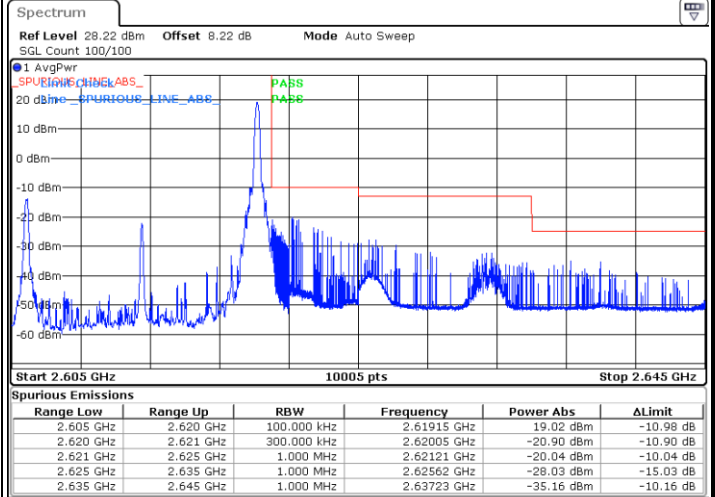
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



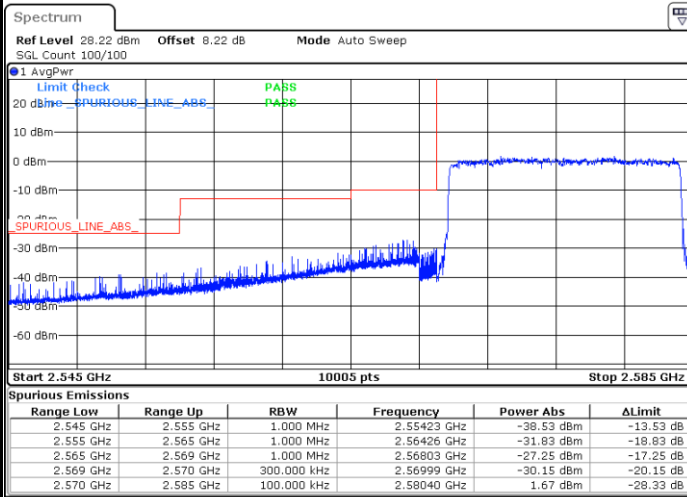
Date: 5.MAY.2022 11:26:59

Highest Band Edge / 1 RB



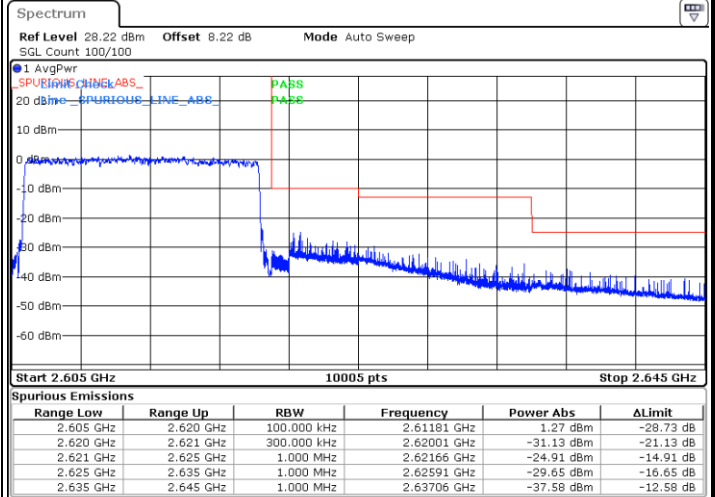
Date: 5.MAY.2022 11:32:33

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:28:09

Highest Band Edge / Full RB

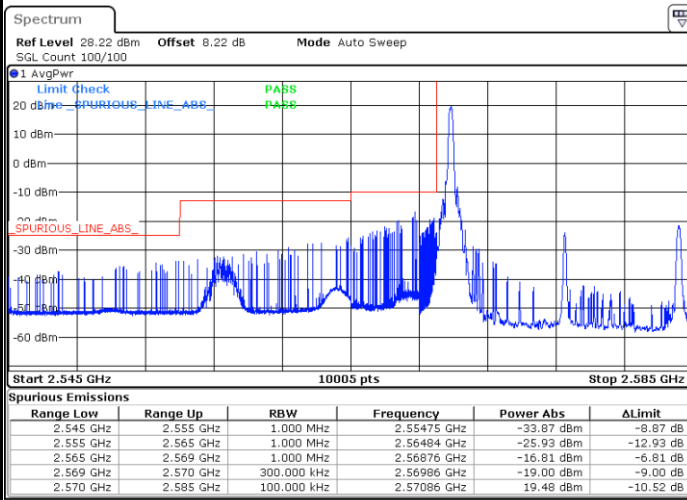


Date: 5.MAY.2022 11:29:56



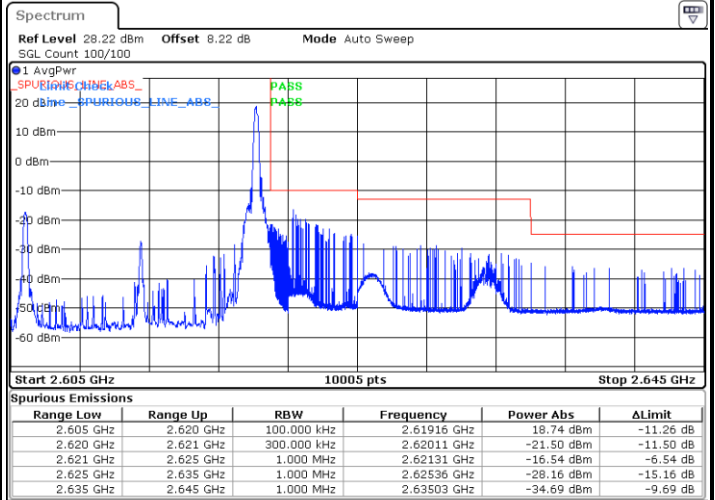
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



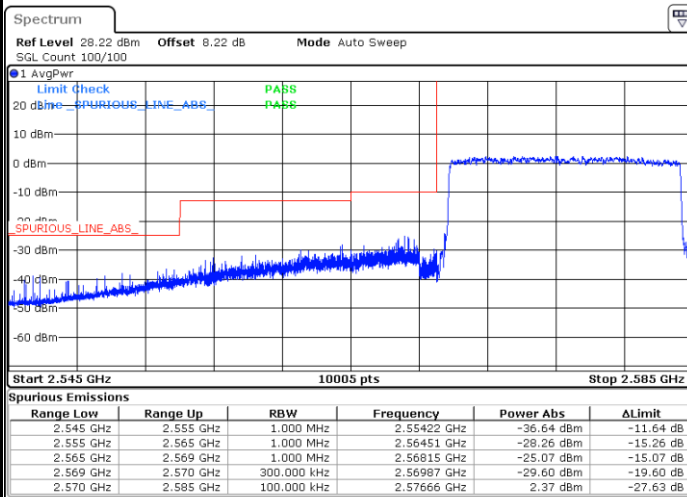
Date: 5.MAY.2022 11:27:20

Highest Band Edge / 1 RB



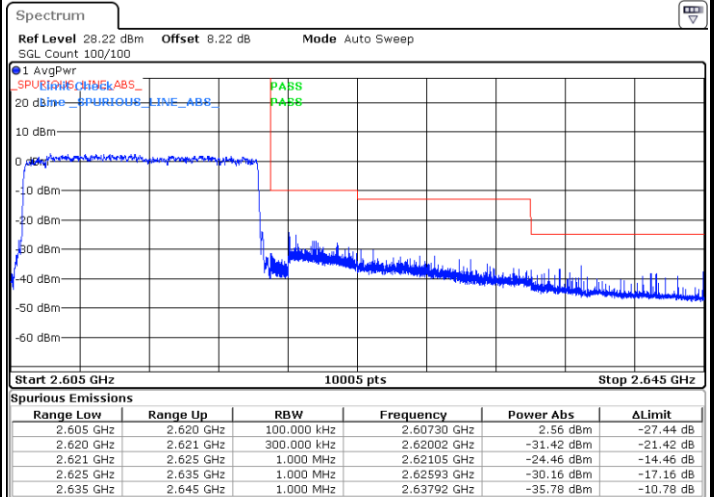
Date: 5.MAY.2022 11:32:01

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:27:40

Highest Band Edge / Full RB

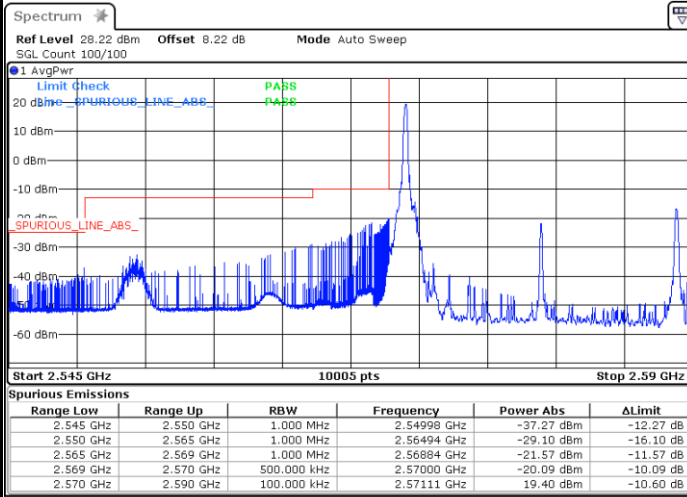


Date: 5.MAY.2022 11:31:23



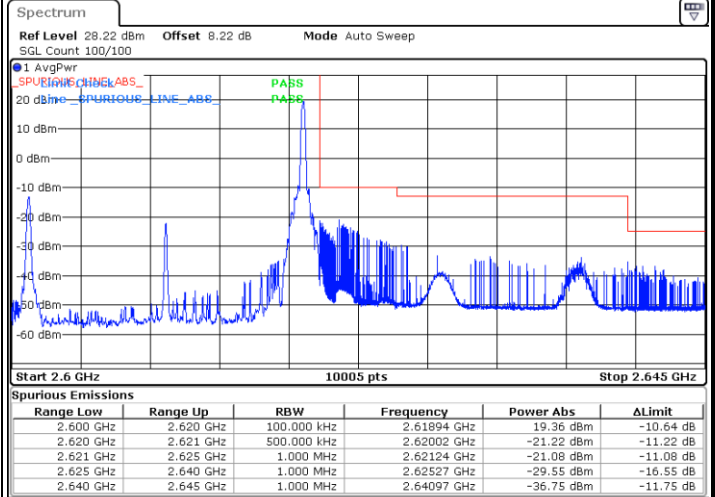
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



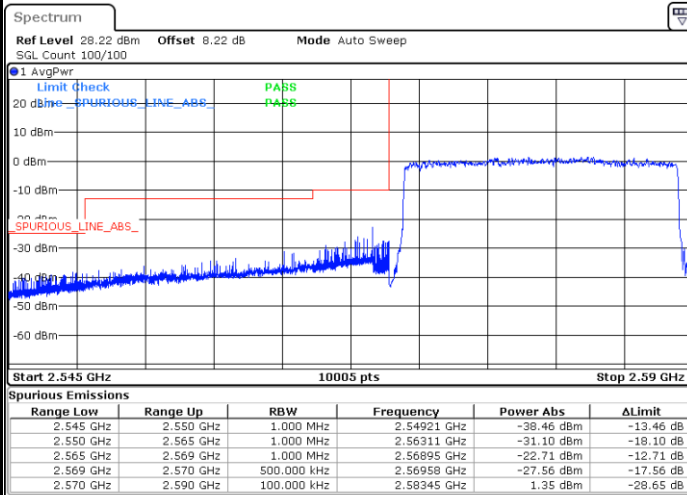
Date: 5.MAY.2022 11:09:14

Highest Band Edge / 1 RB



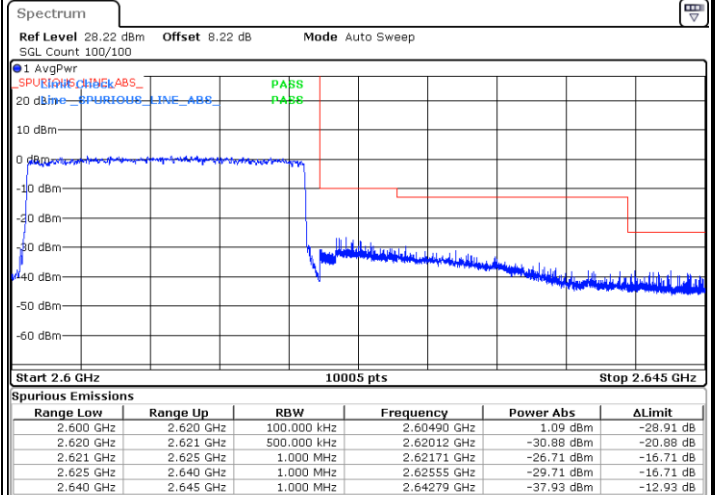
Date: 5.MAY.2022 11:17:35

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:12:14

Highest Band Edge / Full RB

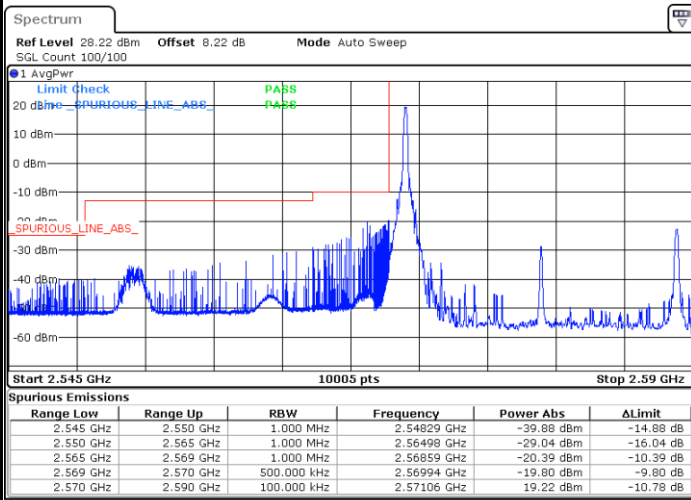


Date: 5.MAY.2022 11:12:47



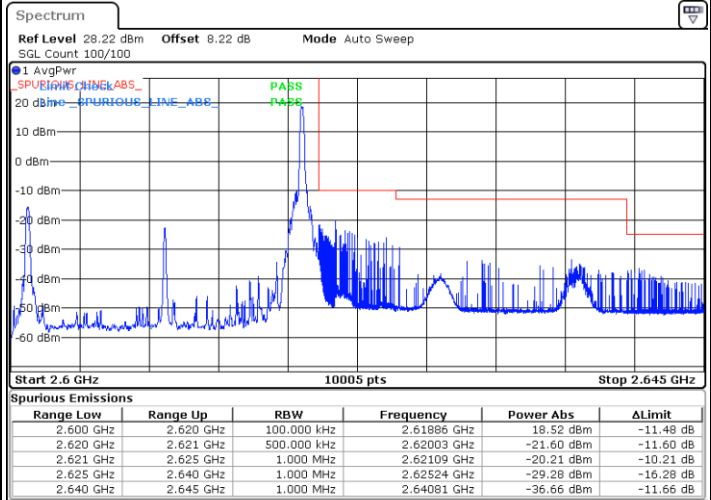
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



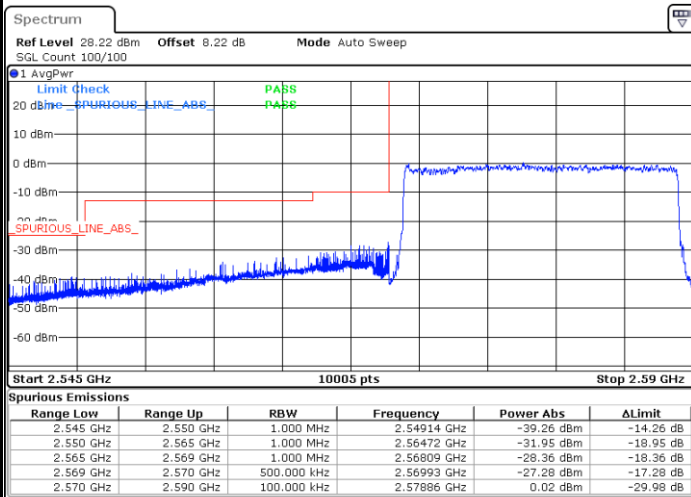
Date: 5.MAY.2022 11:09:35

Highest Band Edge / 1 RB



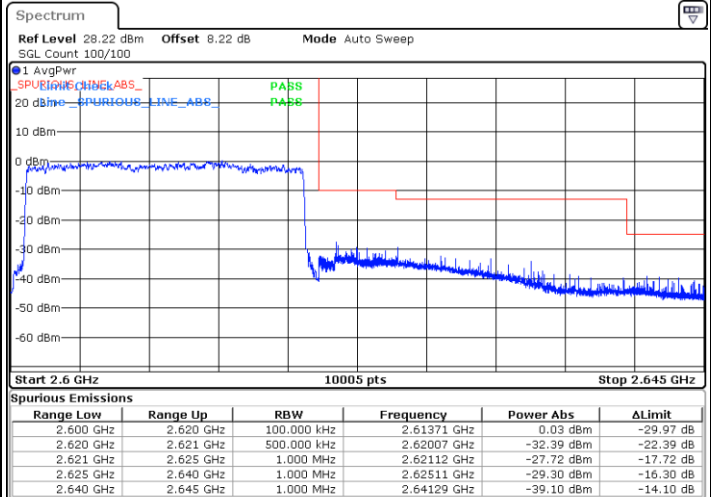
Date: 5.MAY.2022 11:16:47

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:11:56

Highest Band Edge / Full RB

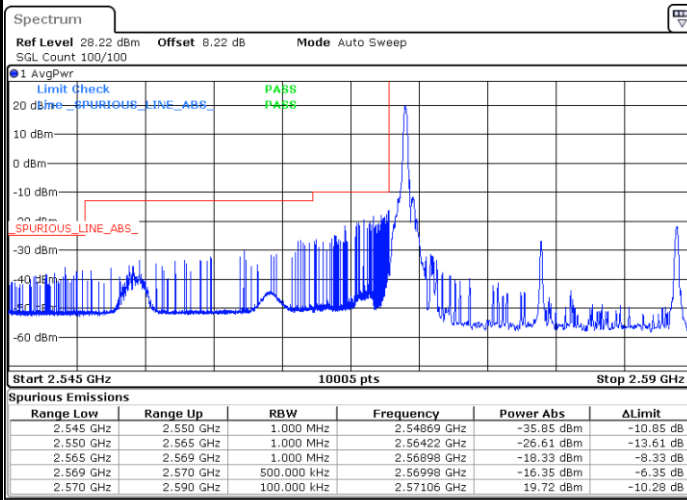


Date: 5.MAY.2022 11:13:18



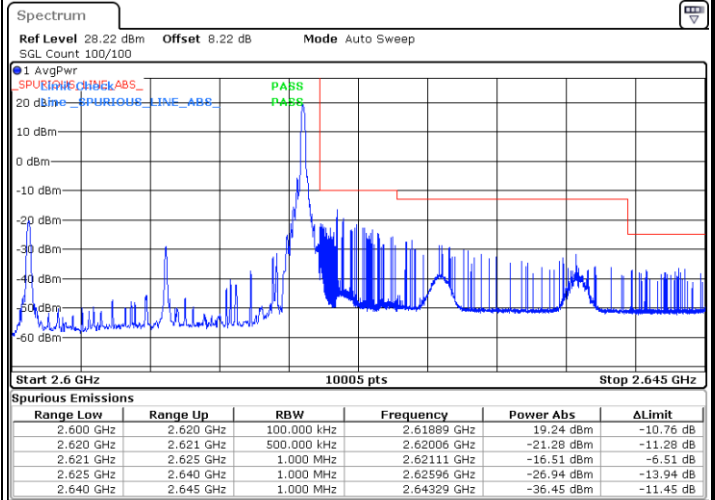
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



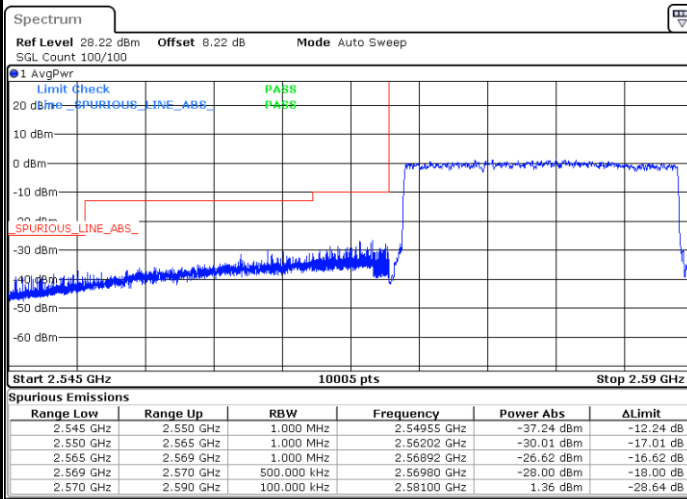
Date: 5.MAY.2022 11:10:27

Highest Band Edge / 1 RB



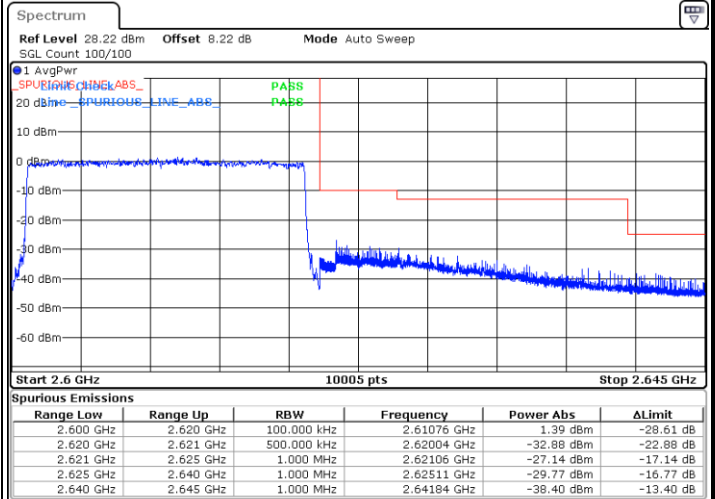
Date: 5.MAY.2022 11:14:30

Lowest Band Edge / Full RB



Date: 5.MAY.2022 11:11:35

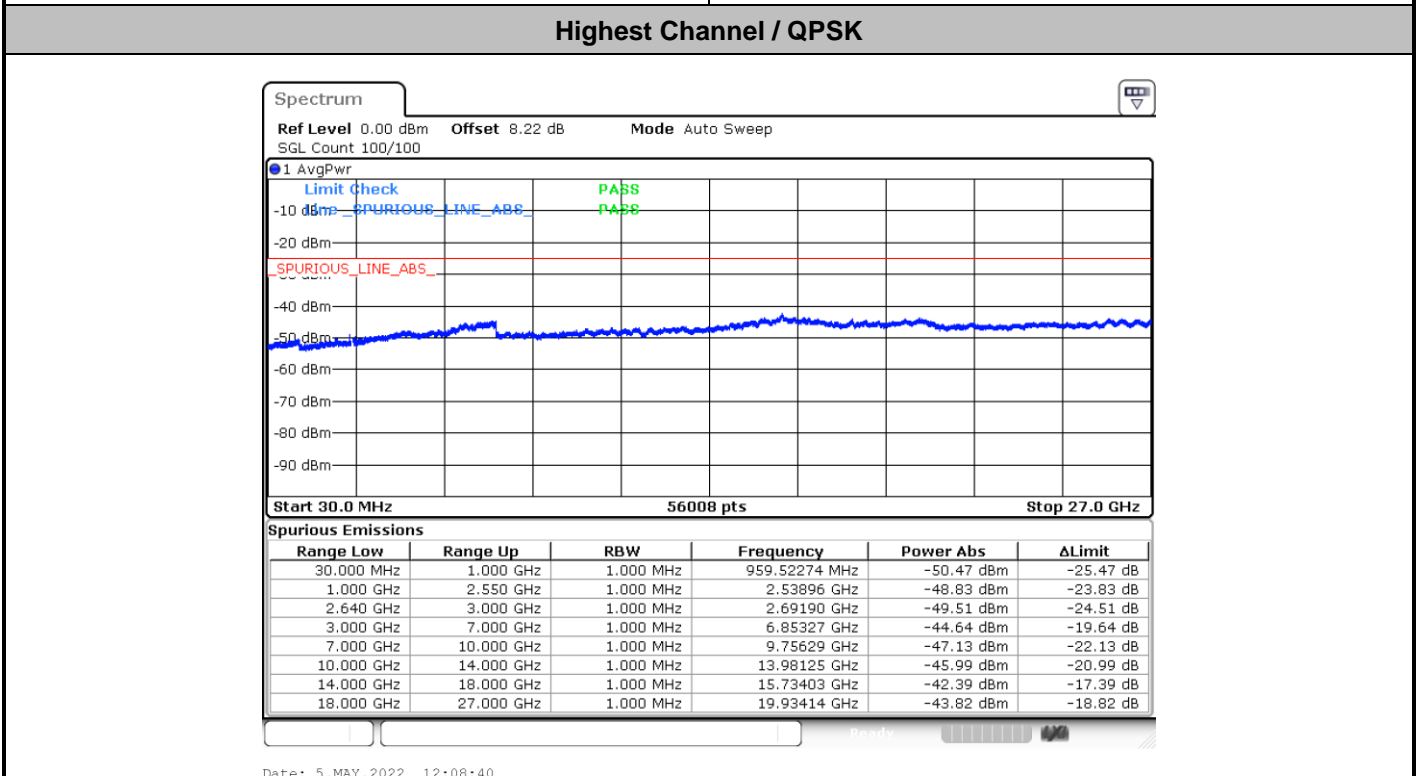
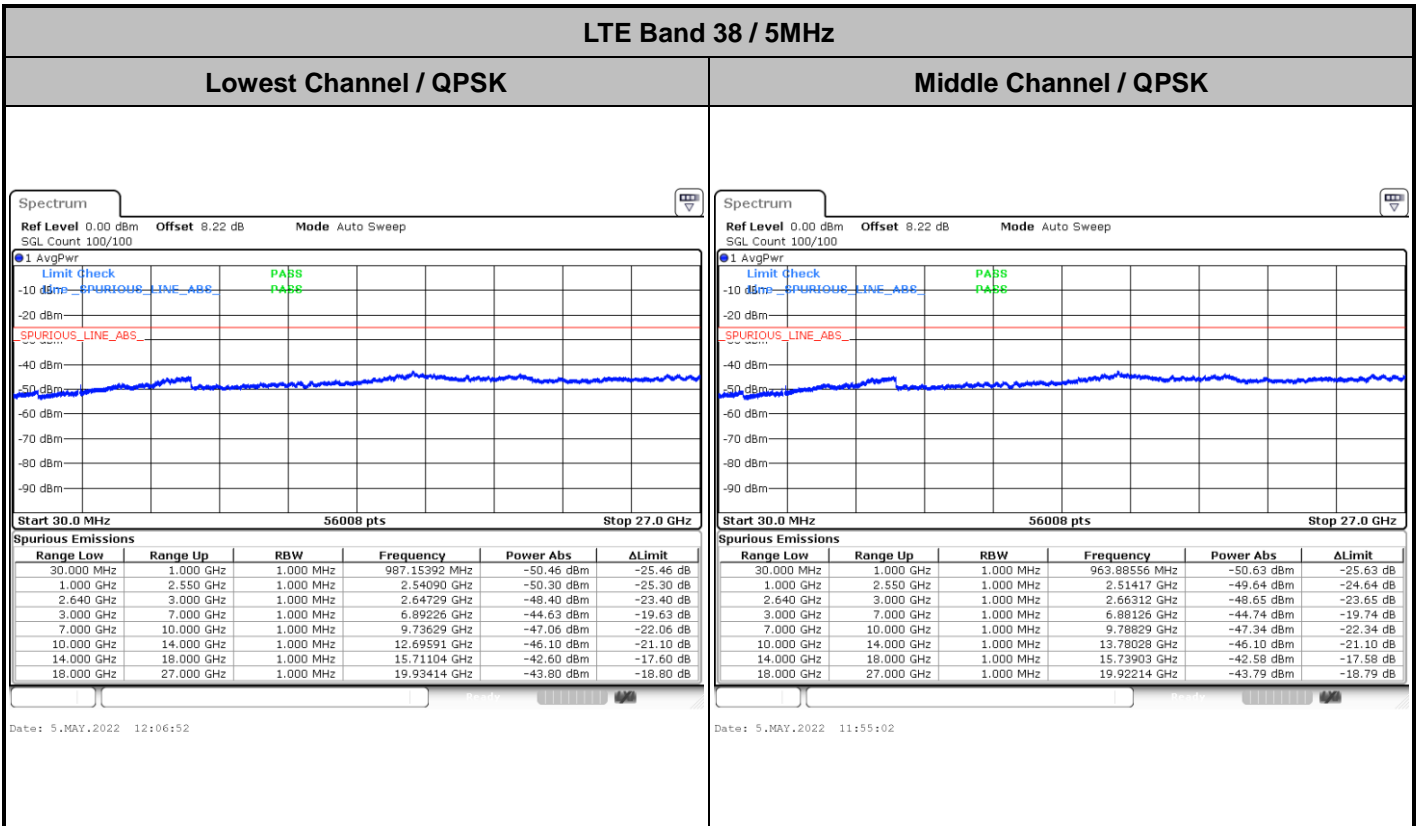
Highest Band Edge / Full RB



Date: 5.MAY.2022 11:13:46



Conducted Spurious Emission

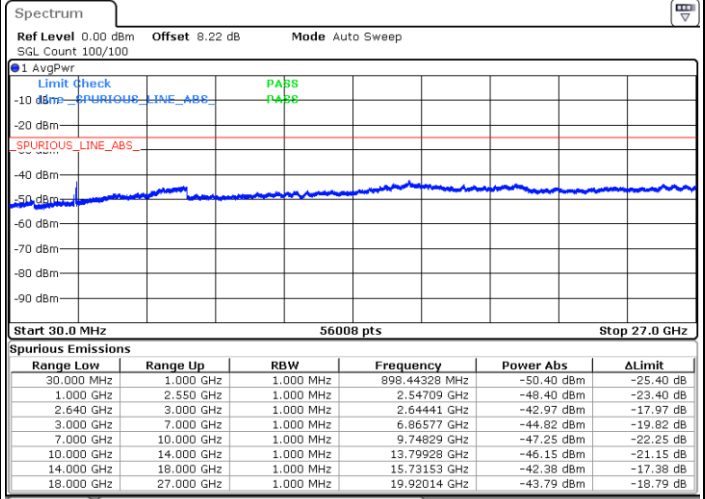
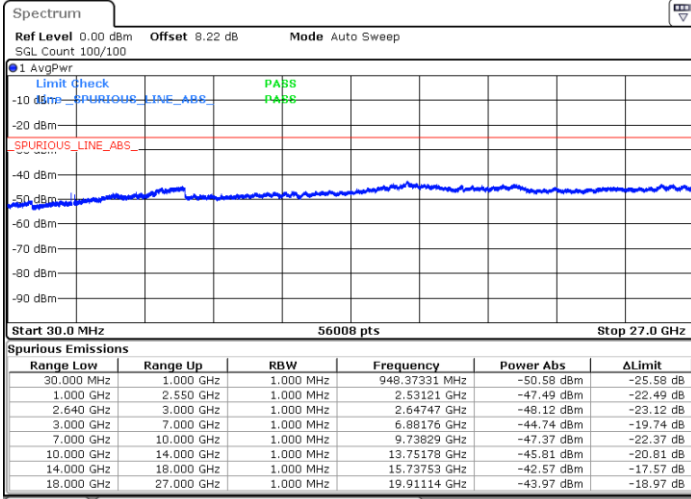




LTE Band 38 / 10MHz

Lowest Channel / QPSK

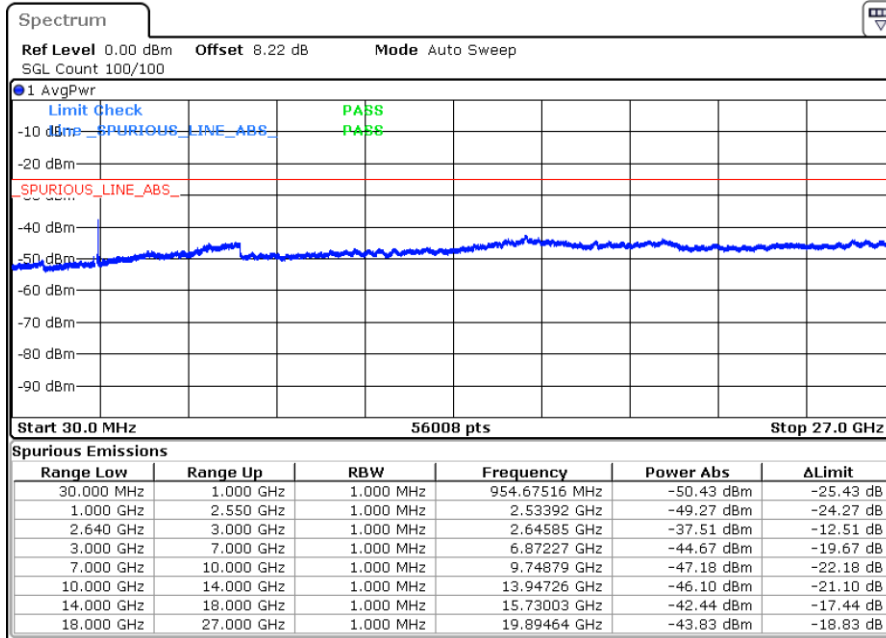
Middle Channel / QPSK



Date: 5.MAY.2022 11:36:10

Date: 5.MAY.2022 11:34:59

Highest Channel / QPSK

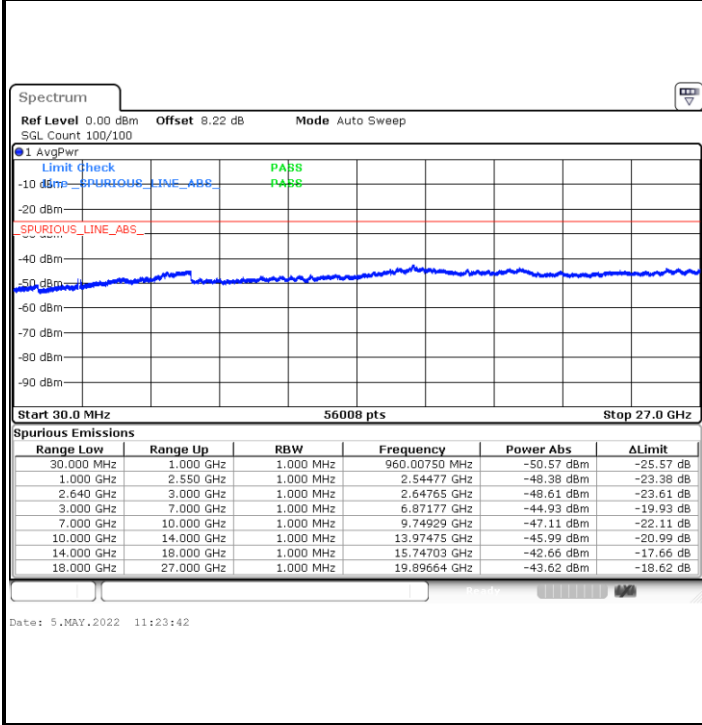


Date: 5.MAY.2022 11:37:16

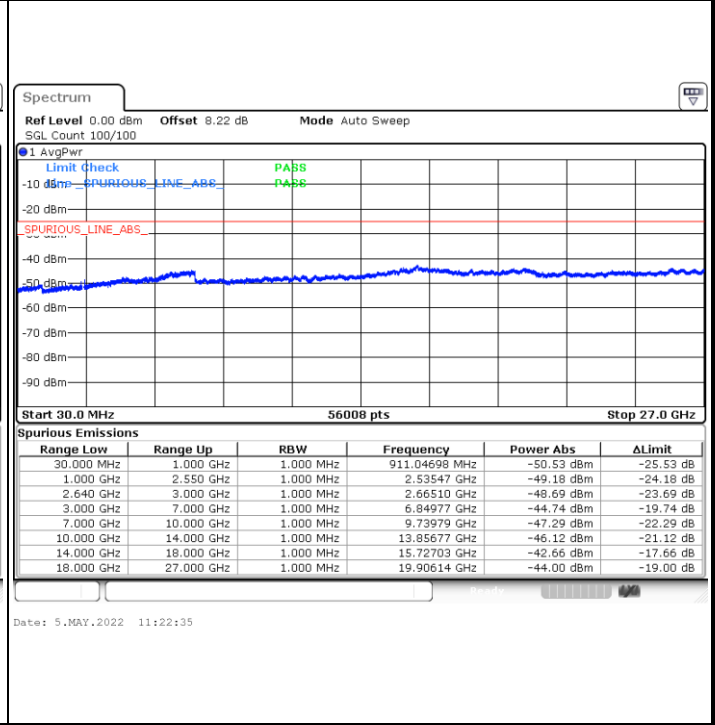


LTE Band 38 / 15MHz

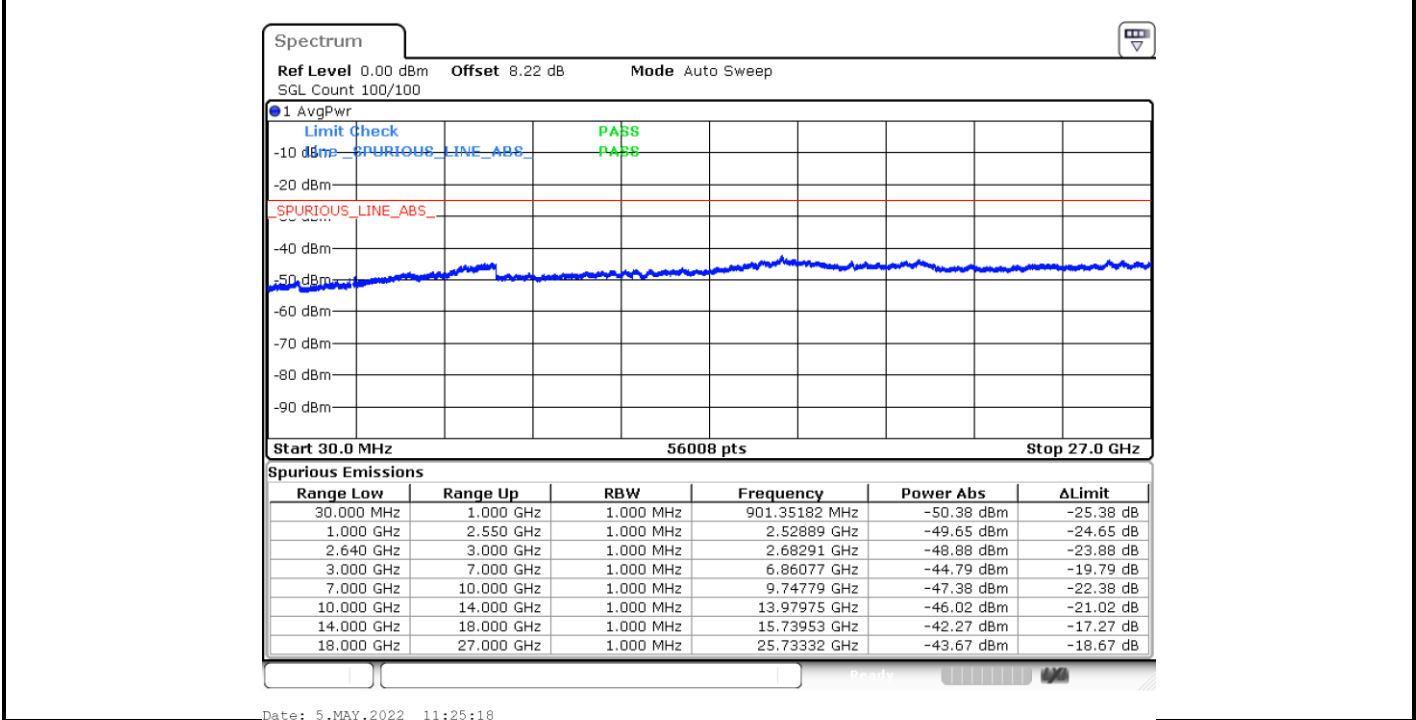
Lowest Channel / QPSK



Middle Channel / QPSK



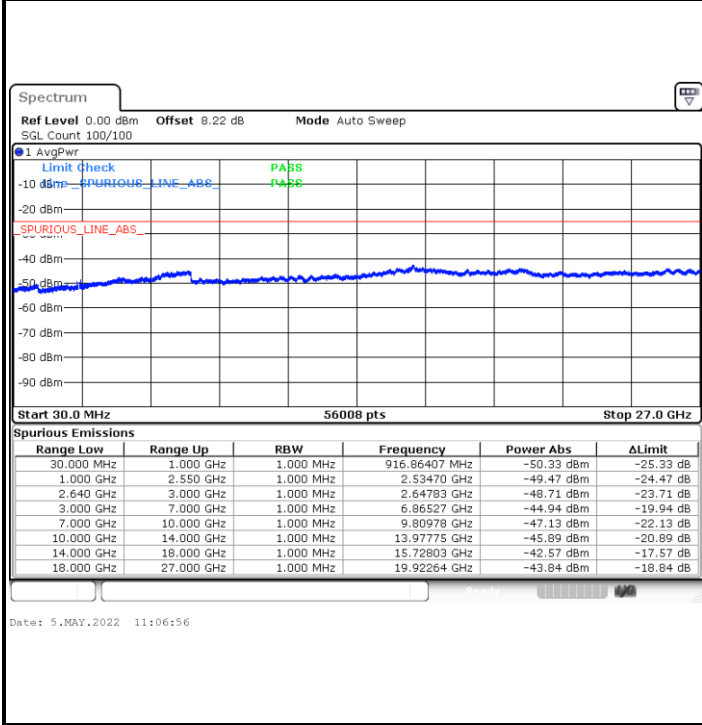
Highest Channel / QPSK



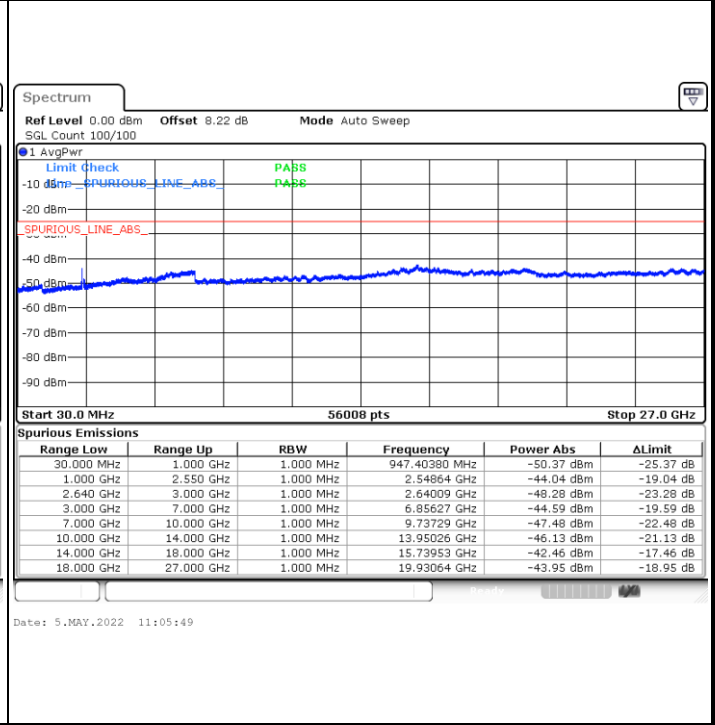


LTE Band 38 / 20MHz

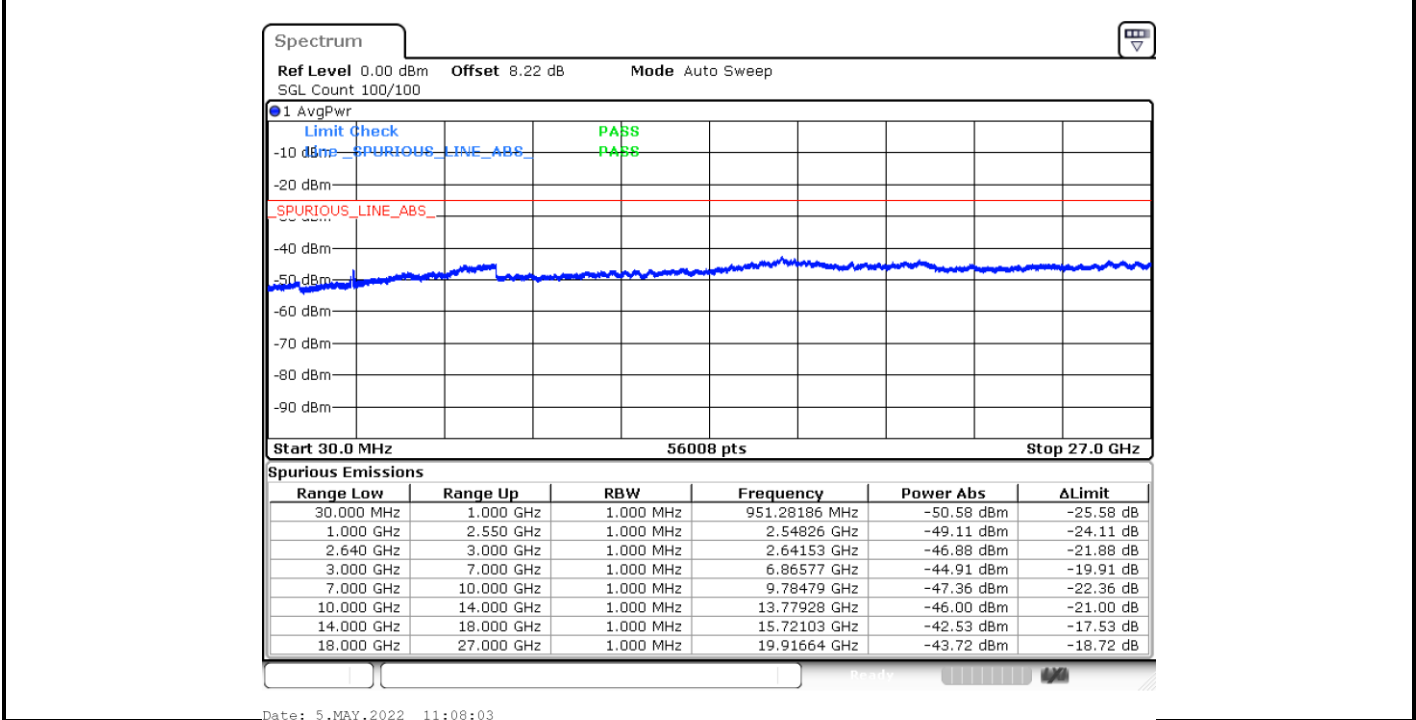
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0017	

Note:

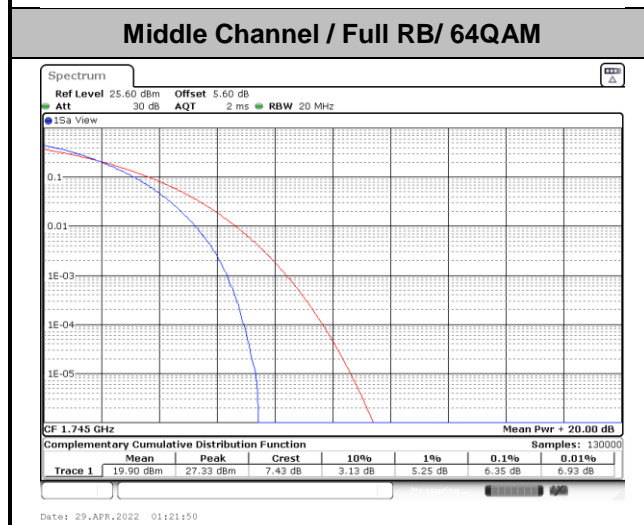
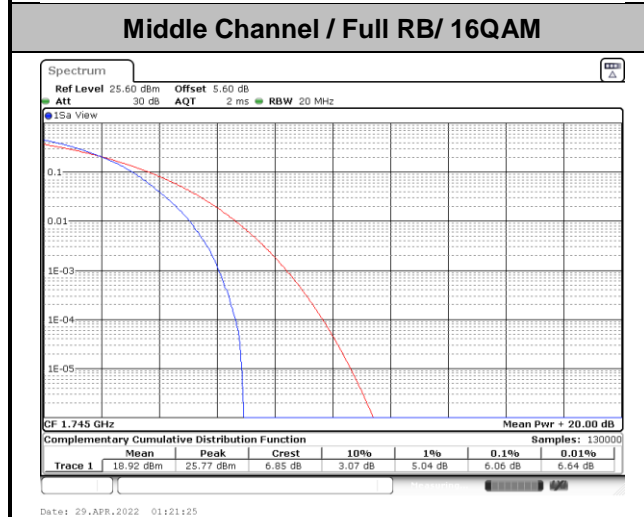
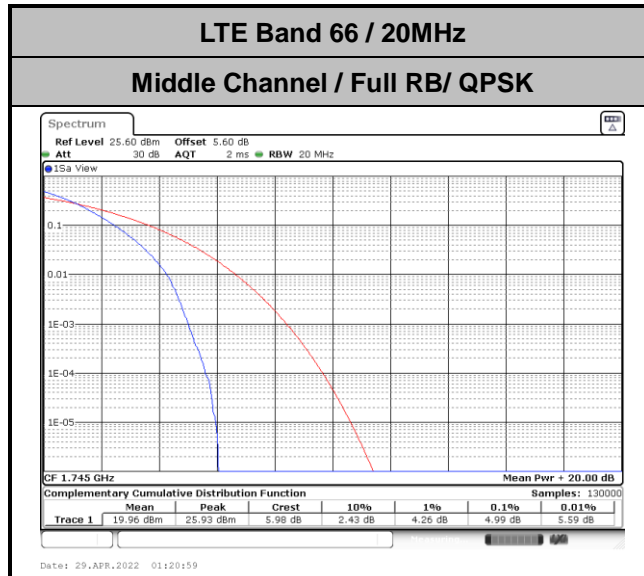
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

Peak-to-Average Ratio

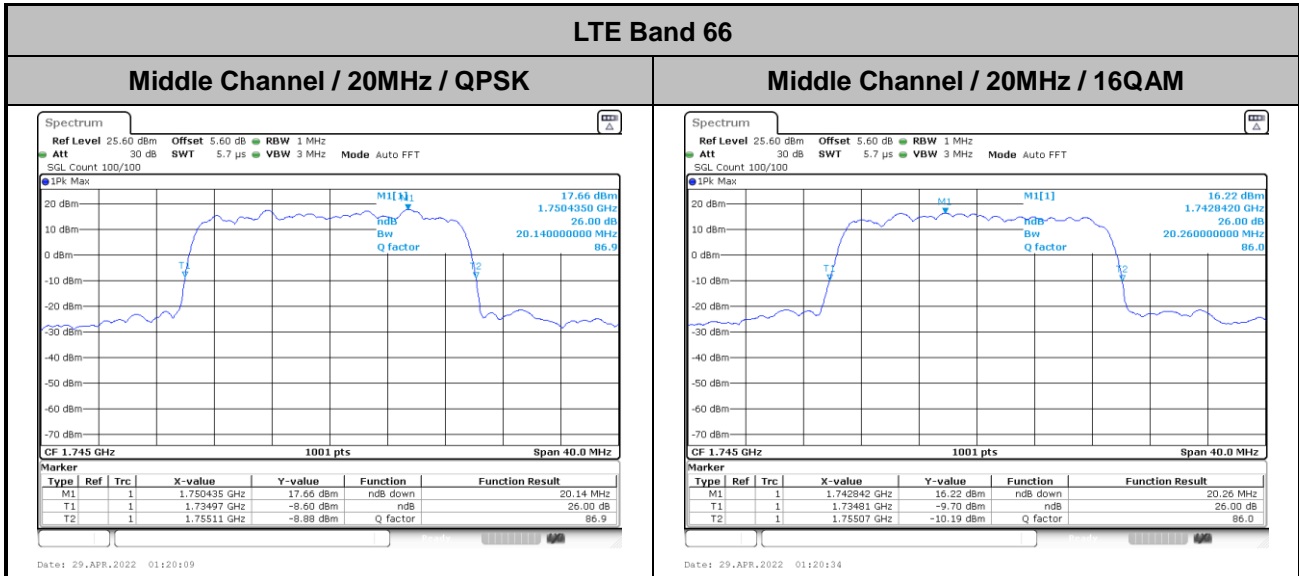
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	6.06	6.35	PASS





26dB Bandwidth

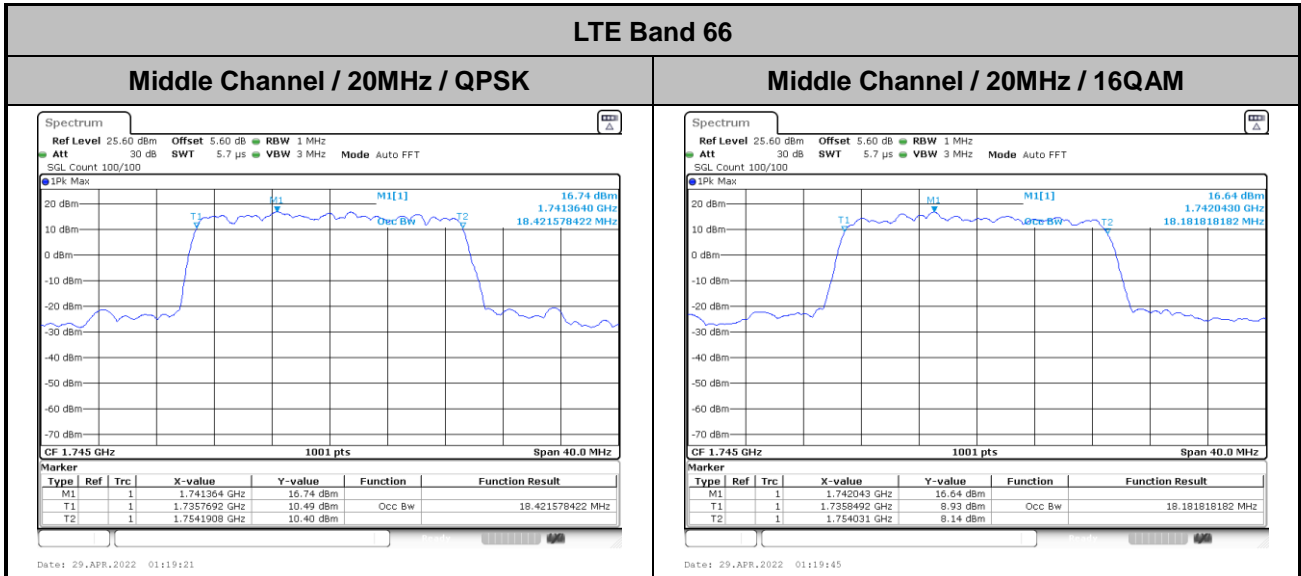
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.14	20.26





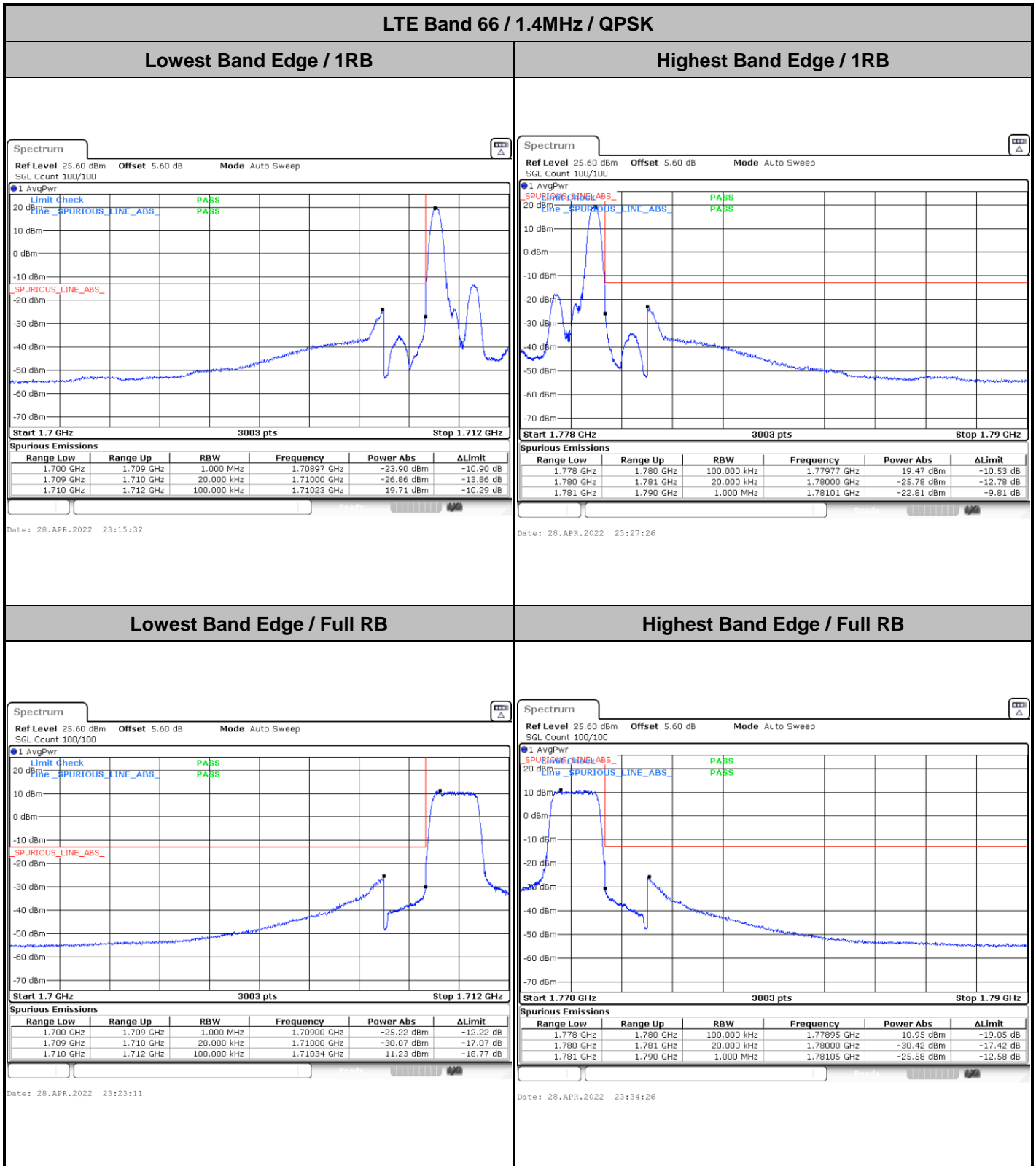
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.42	18.18





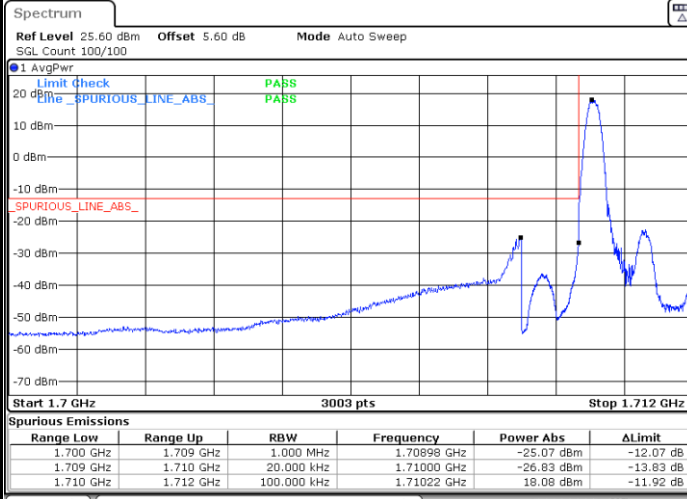
Conducted Band Edge





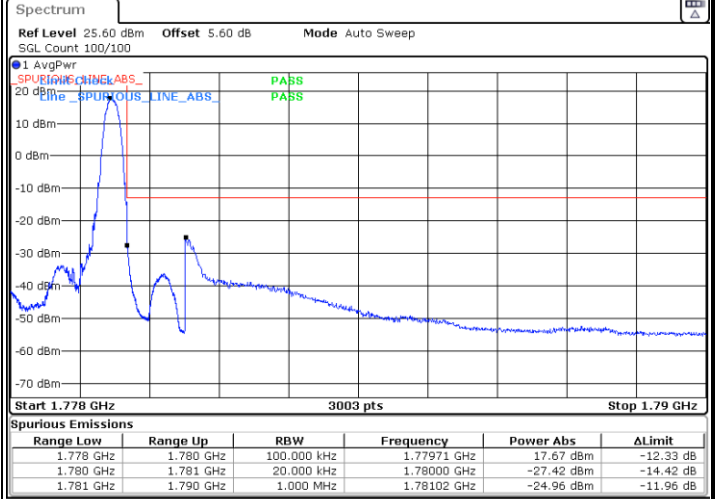
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



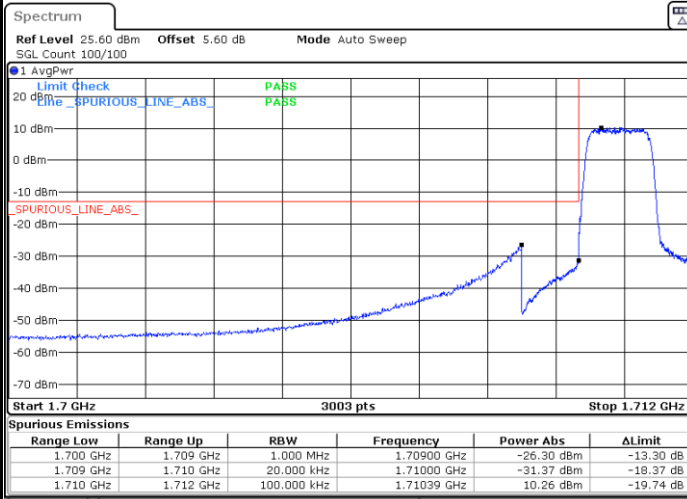
Date: 28.APR.2022 23:16:56

Highest Band Edge / 1 RB



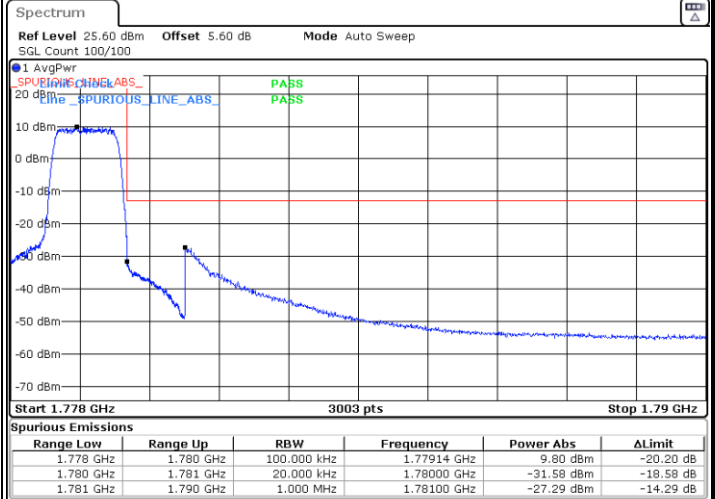
Date: 28.APR.2022 23:28:50

Lowest Band Edge / Full RB



Date: 28.APR.2022 23:21:47

Highest Band Edge / Full RB

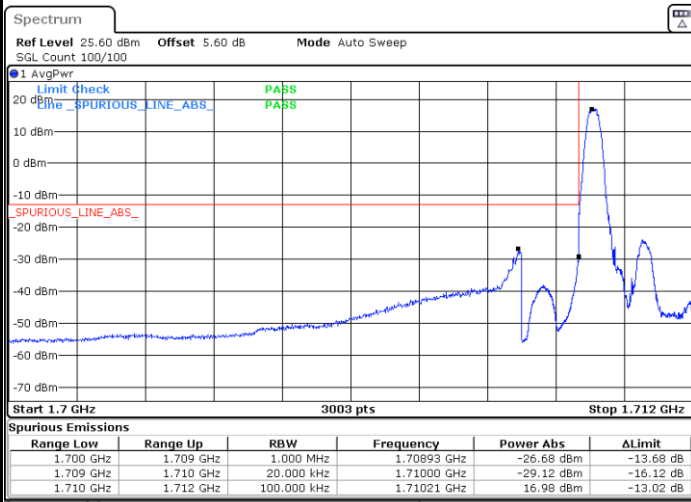


Date: 28.APR.2022 23:33:02



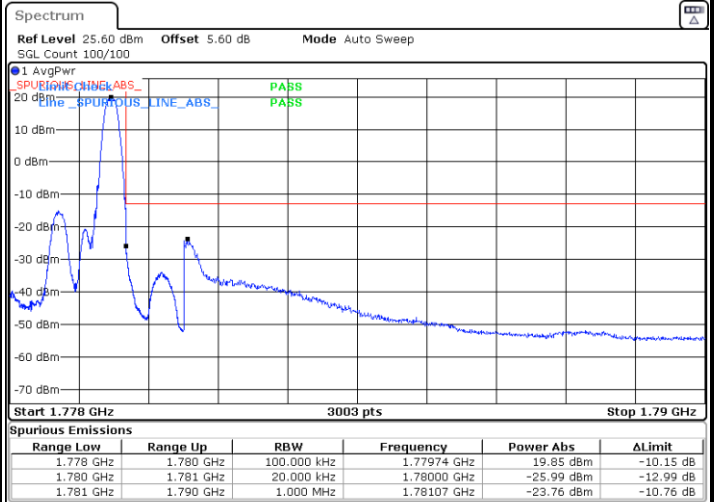
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



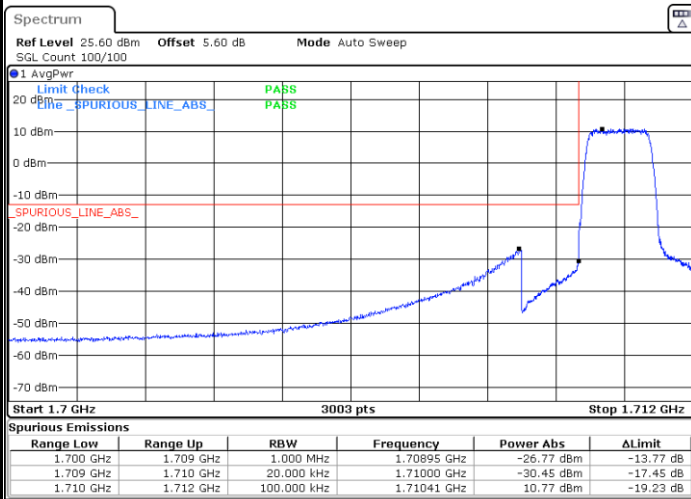
Date: 28.APR.2022 23:18:21

Highest Band Edge / 1 RB



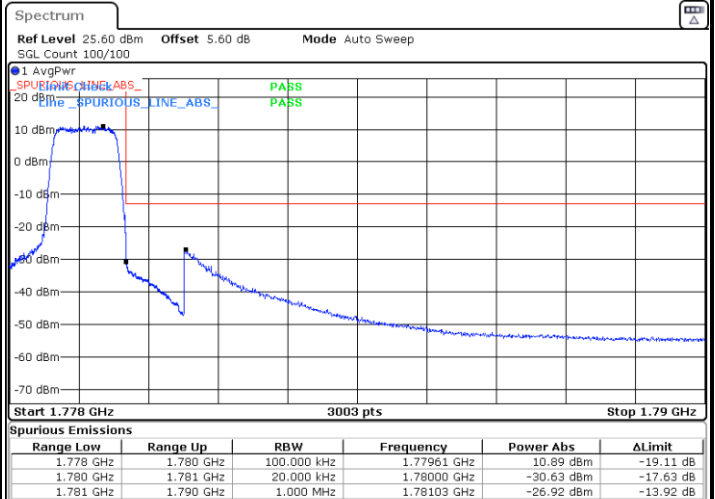
Date: 28.APR.2022 23:30:14

Lowest Band Edge / Full RB



Date: 28.APR.2022 23:20:24

Highest Band Edge / Full RB

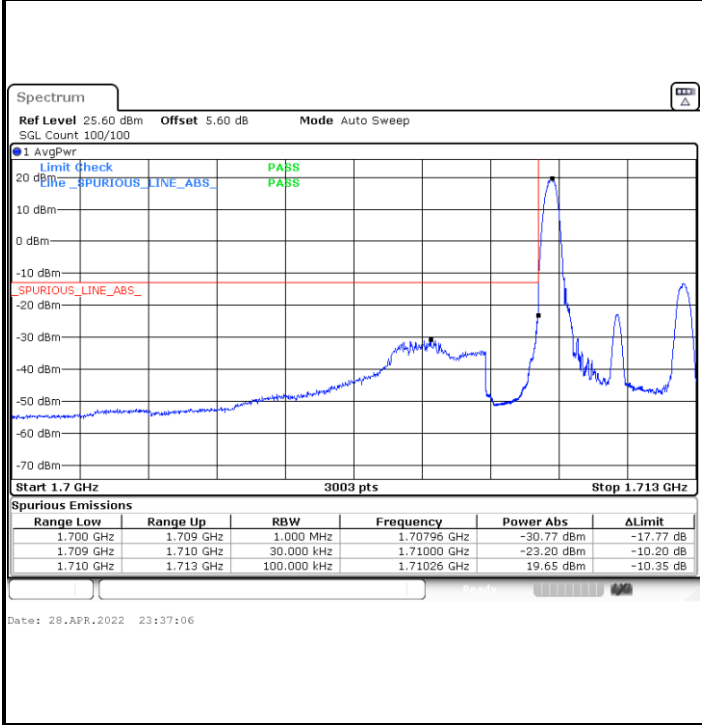


Date: 28.APR.2022 23:31:38

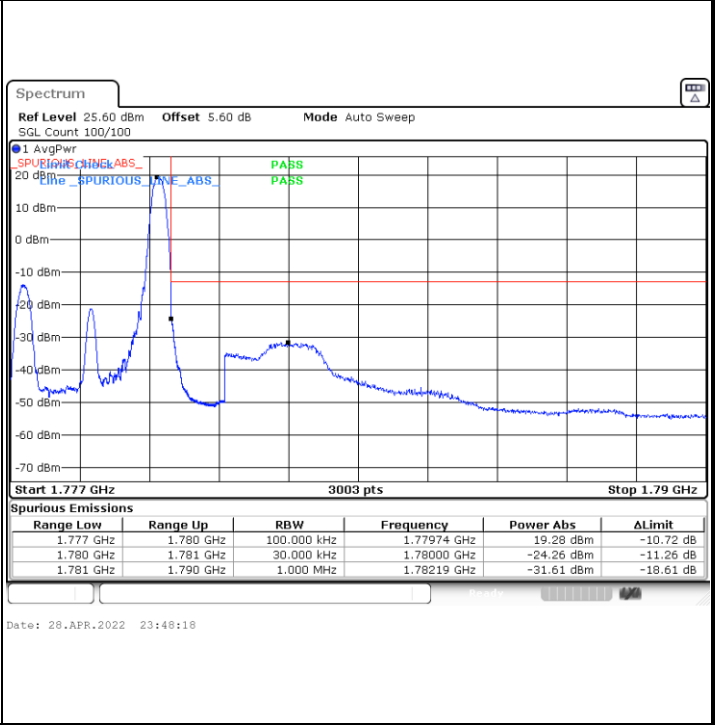


LTE Band 66 / 3MHz / QPSK

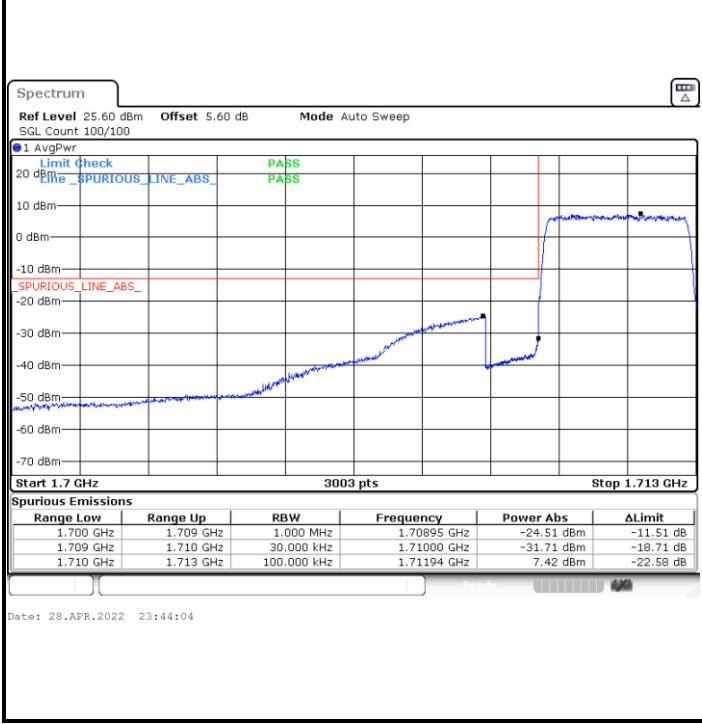
Lowest Band Edge / 1RB



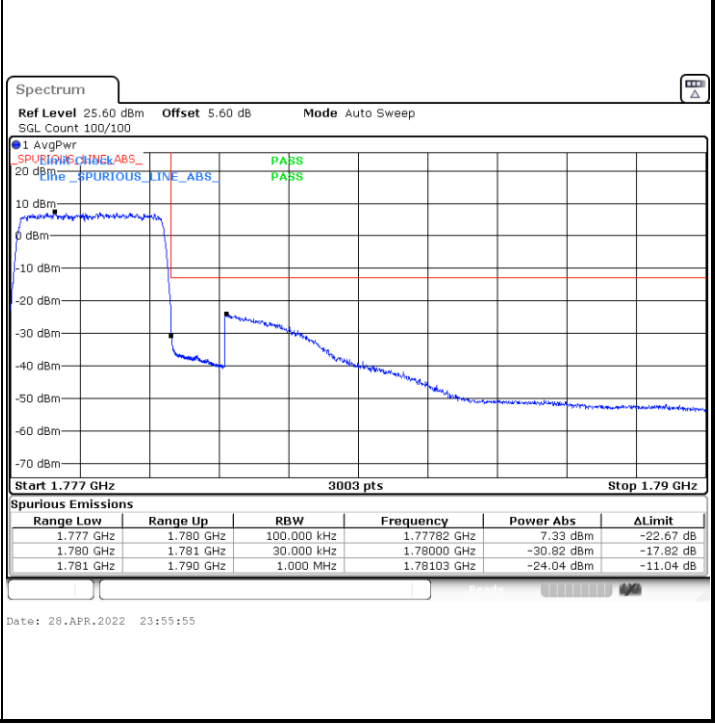
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



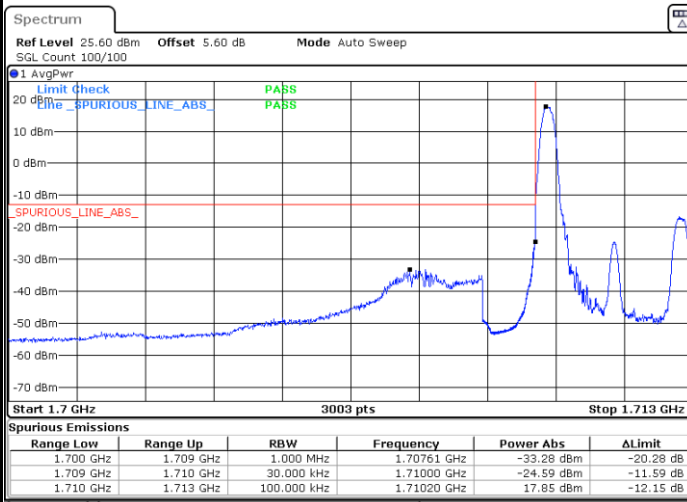
Highest Band Edge / Full RB





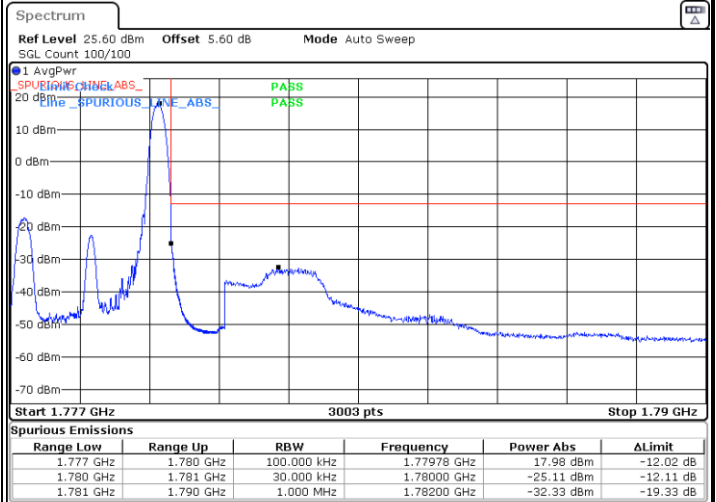
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



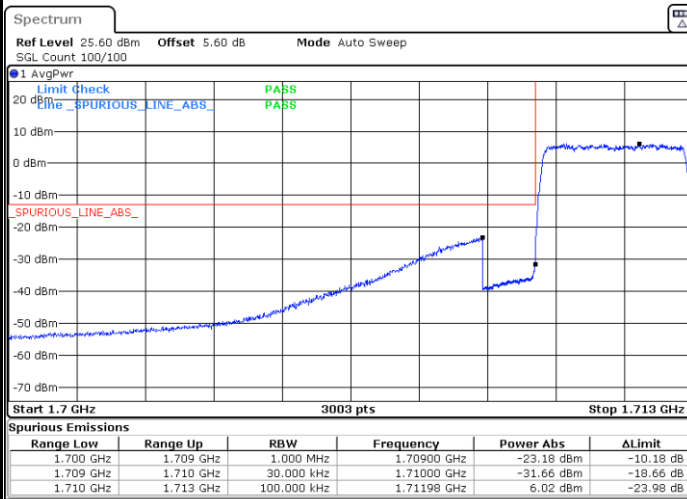
Date: 28.APR.2022 23:38:30

Highest Band Edge / 1 RB



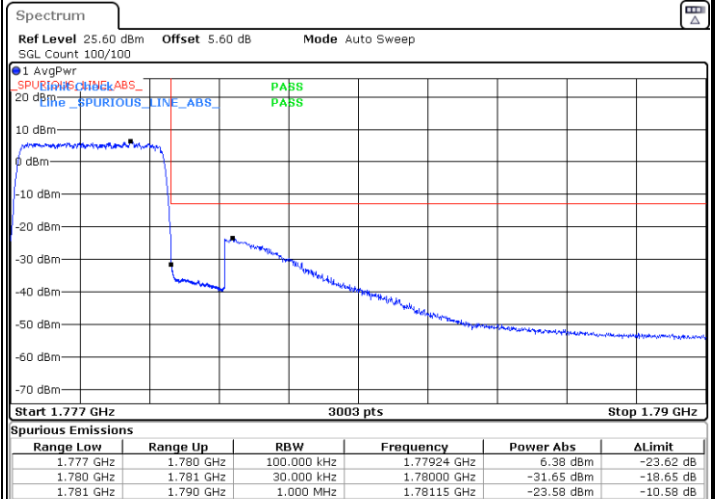
Date: 28.APR.2022 23:49:41

Lowest Band Edge / Full RB



Date: 28.APR.2022 23:42:40

Highest Band Edge / Full RB

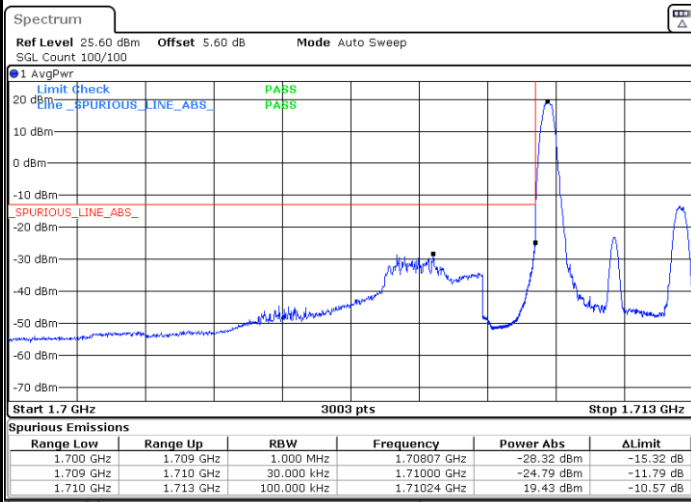


Date: 28.APR.2022 23:54:32



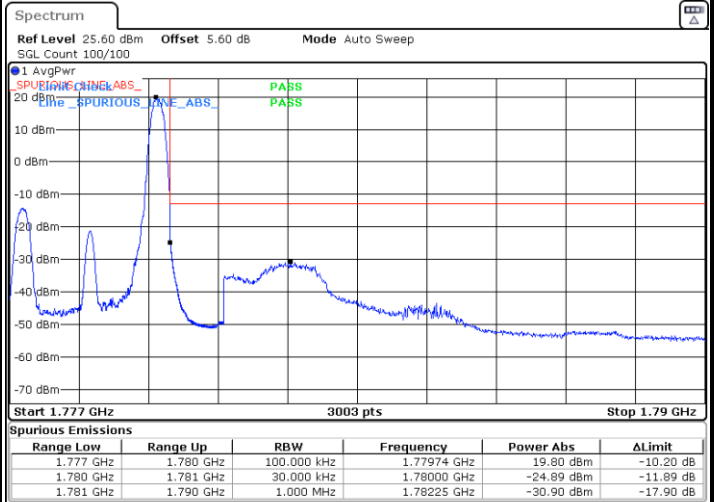
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



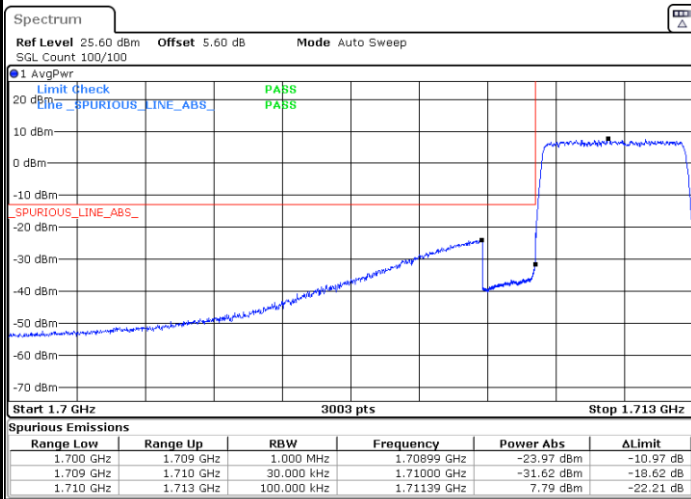
Date: 28.APR.2022 23:39:53

Highest Band Edge / 1 RB



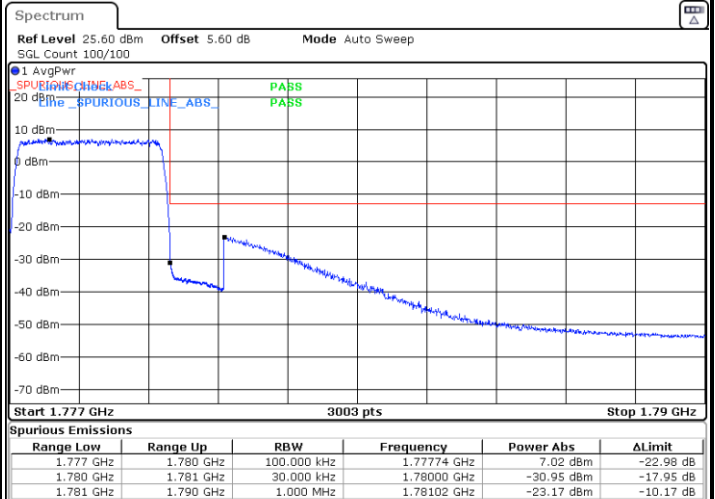
Date: 28.APR.2022 23:51:45

Lowest Band Edge / Full RB



Date: 28.APR.2022 23:41:17

Highest Band Edge / Full RB

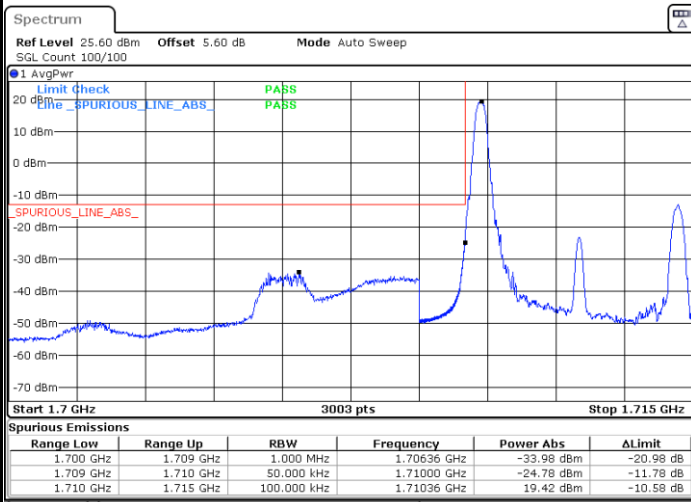


Date: 28.APR.2022 23:53:09



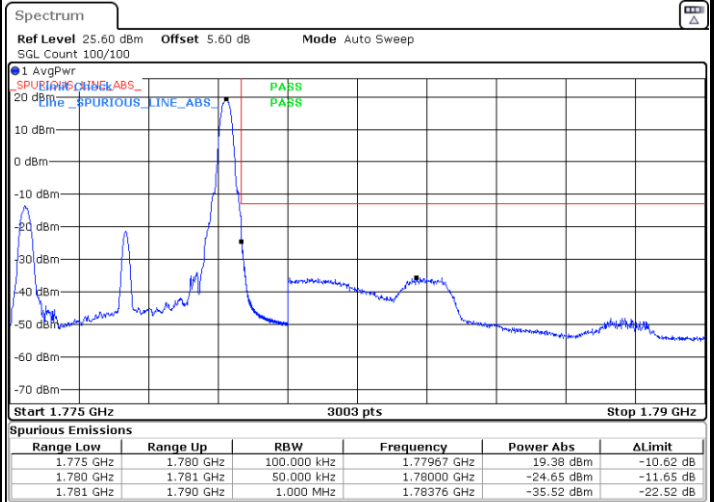
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



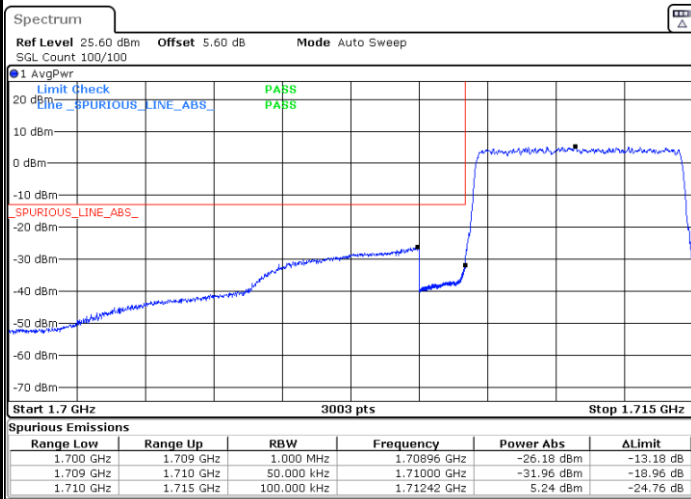
Date: 28.APR.2022 23:58:34

Highest Band Edge / 1 RB



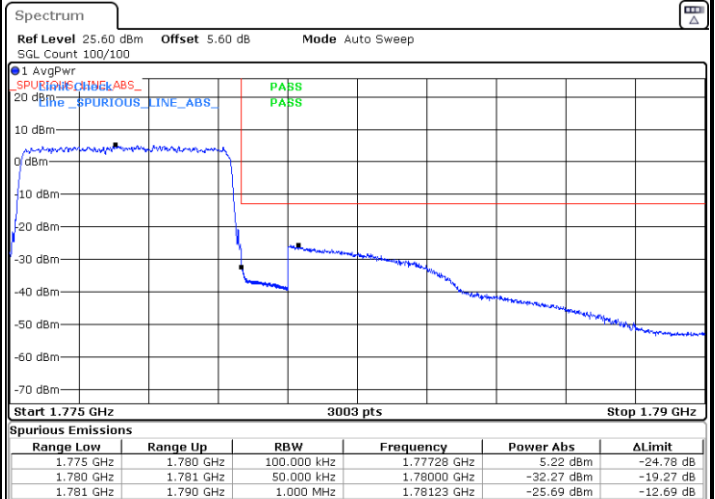
Date: 29.APR.2022 00:09:45

Lowest Band Edge / Full RB



Date: 29.APR.2022 00:05:31

Highest Band Edge / Full RB

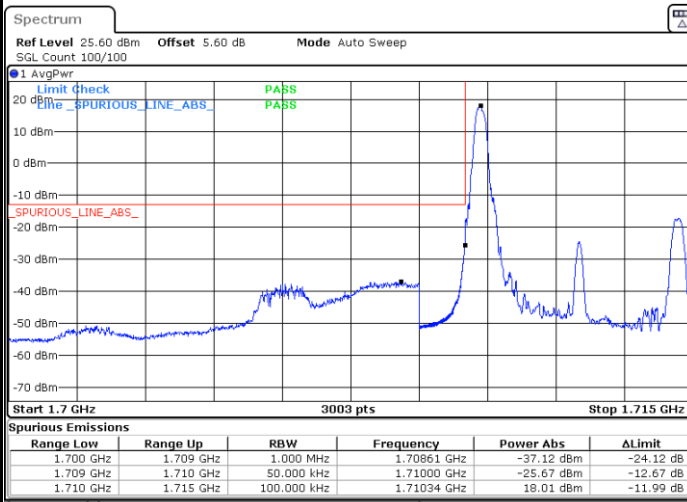


Date: 29.APR.2022 00:16:41



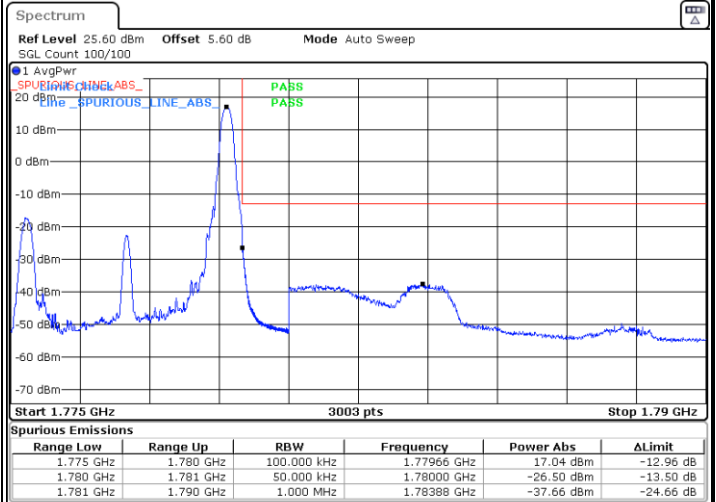
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



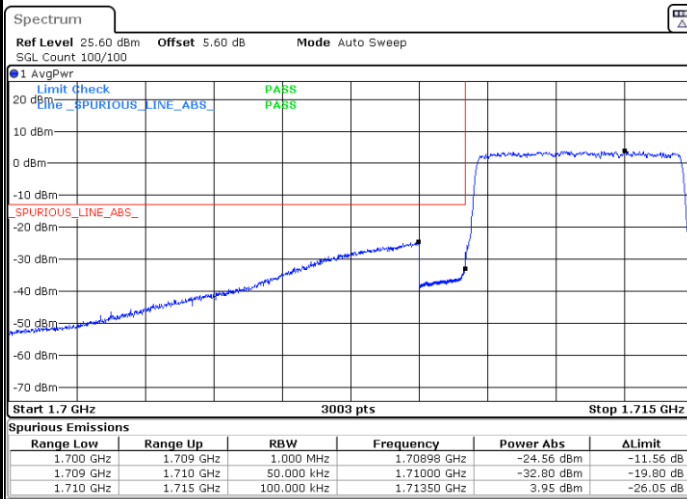
Date: 28.APR.2022 23:59:58

Highest Band Edge / 1 RB



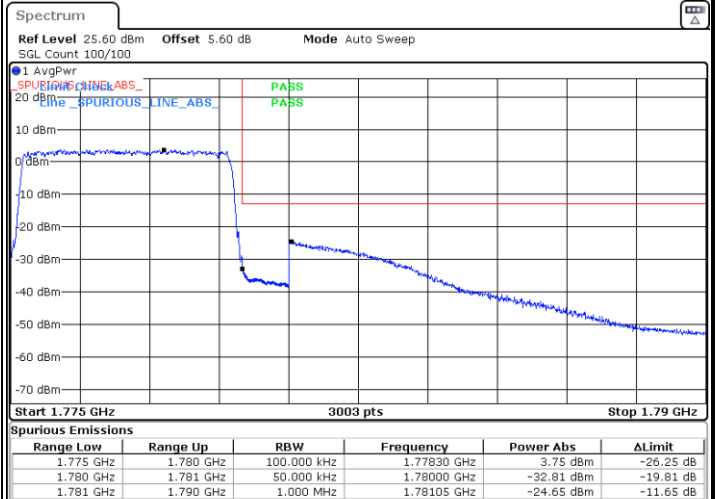
Date: 29.APR.2022 00:11:08

Lowest Band Edge / Full RB



Date: 29.APR.2022 00:04:07

Highest Band Edge / Full RB



Date: 29.APR.2022 00:15:18