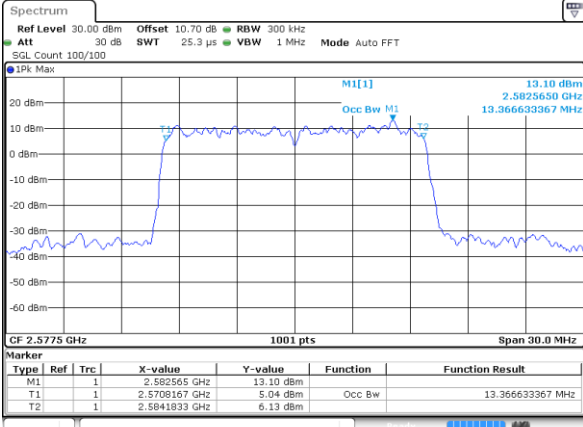




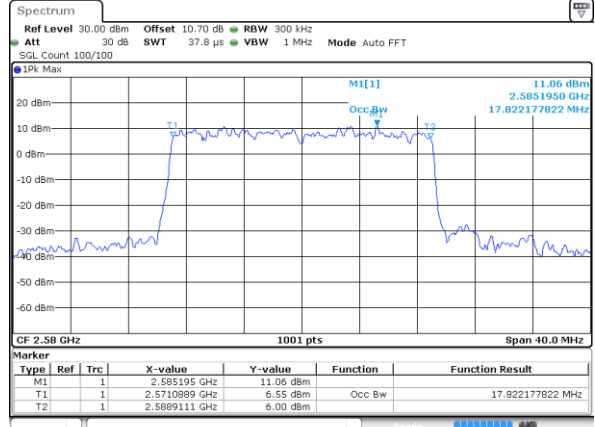
LTE Band 38

Lowest Channel / 15MHz / 64QAM



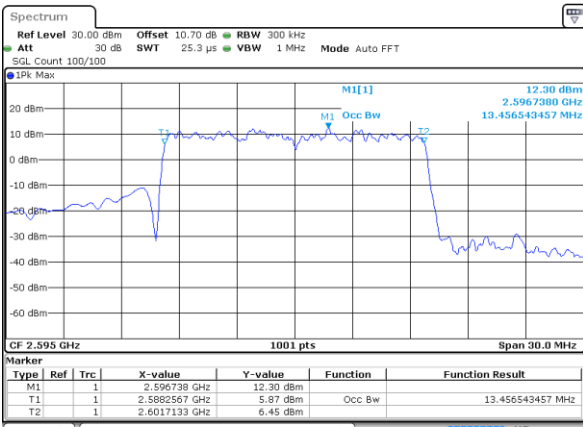
Date: 18 DEC 2021 12:16:50

Lowest Channel / 20MHz / 64QAM



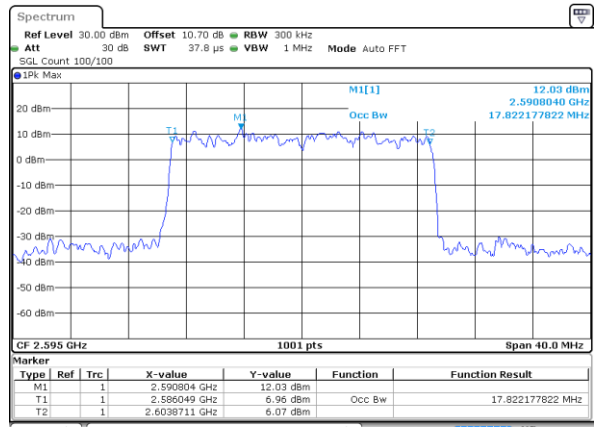
Date: 18 DEC 2021 12:18:50

Middle Channel / 15MHz / 64QAM



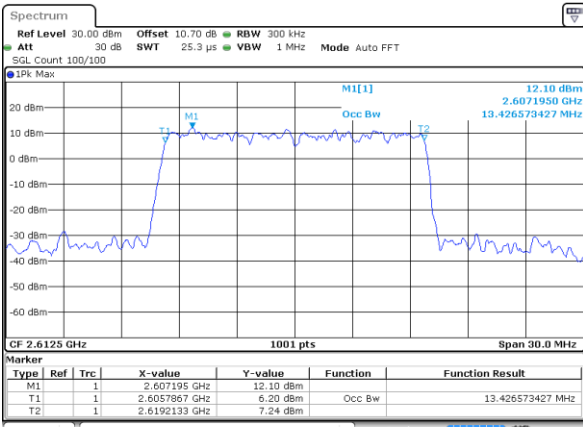
Date: 18 DEC 2021 12:17:30

Middle Channel / 20MHz / 64QAM



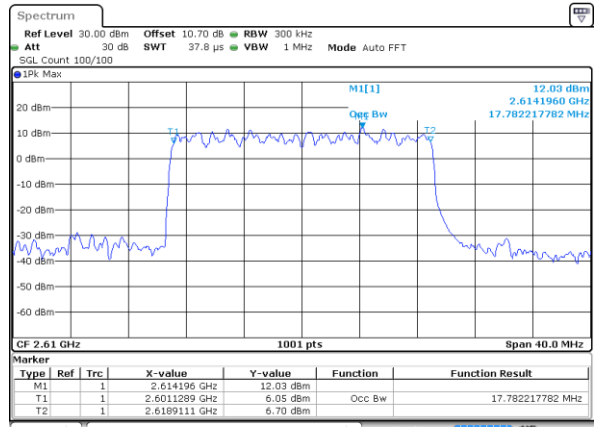
Date: 18 DEC 2021 12:19:30

Highest Channel / 15MHz / 64QAM



Date: 18 DEC 2021 12:18:09

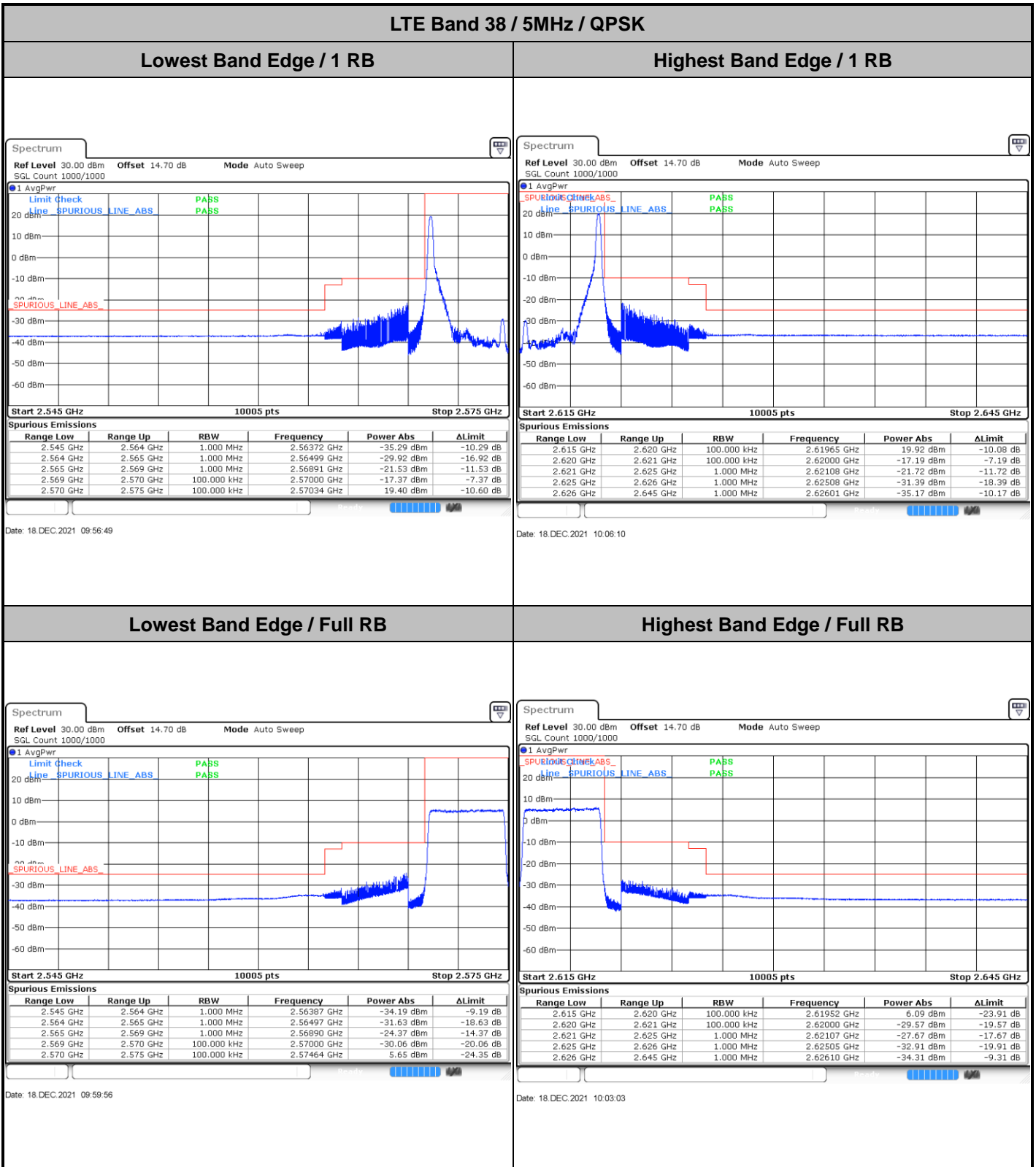
Highest Channel / 20MHz / 64QAM



Date: 18 DEC 2021 12:20:10



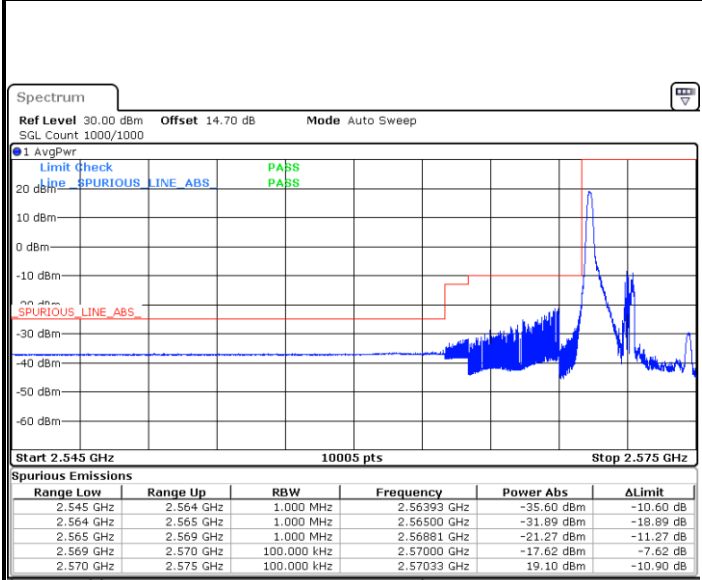
Conducted Band Edge





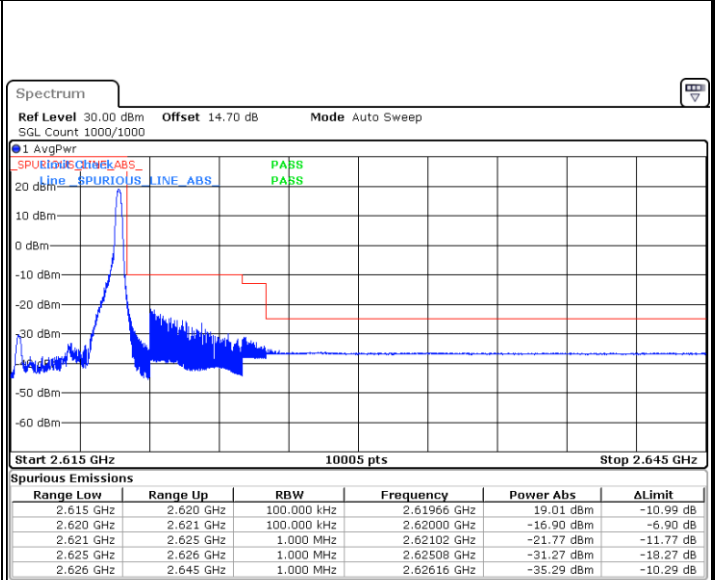
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



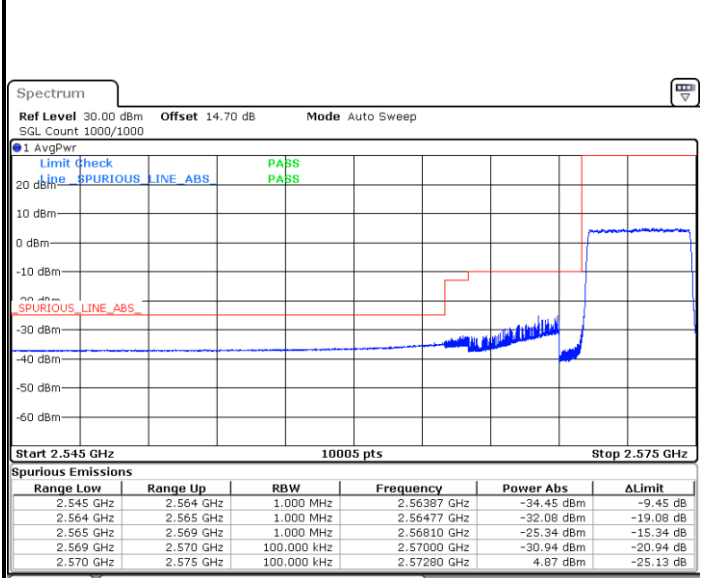
Date: 18 DEC 2021 09:58:22

Highest Band Edge / 1 RB



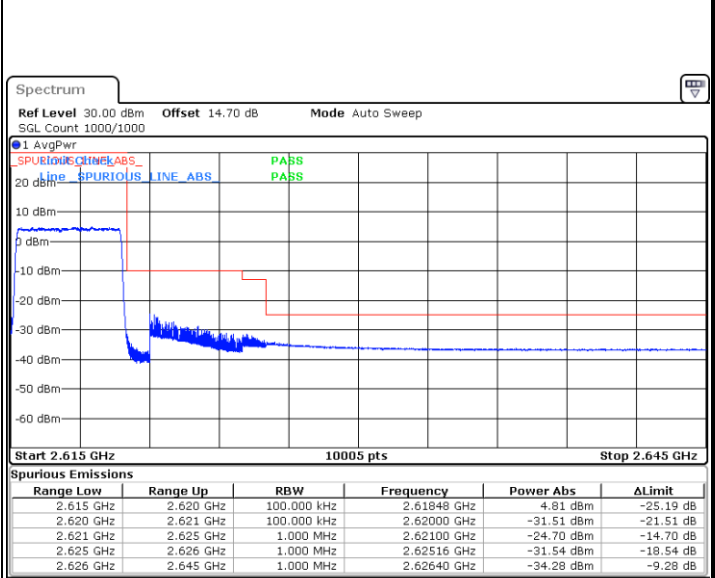
Date: 18 DEC 2021 10:07:44

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:01:30

Highest Band Edge / Full RB

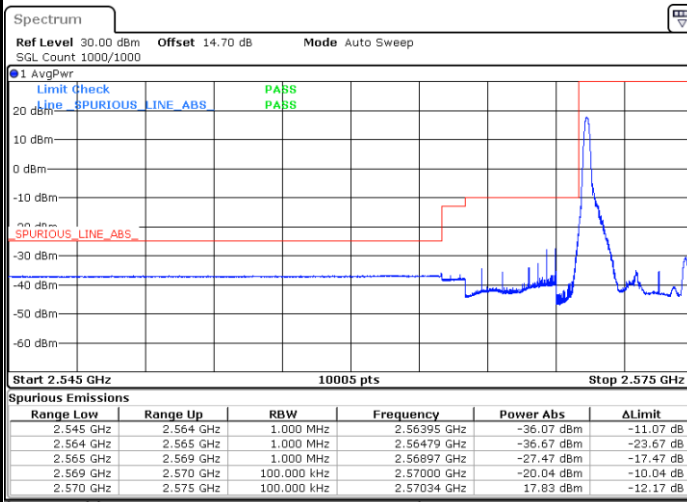


Date: 18 DEC 2021 10:04:37



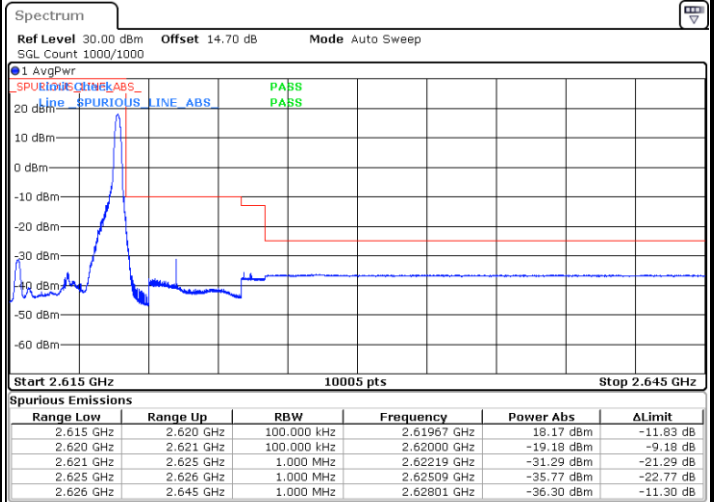
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



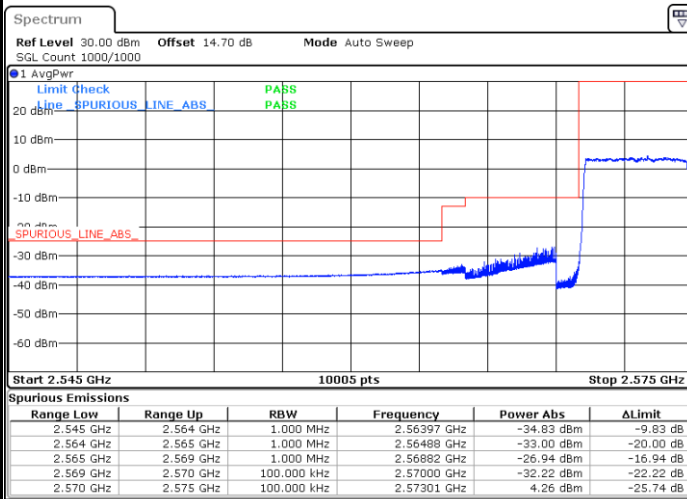
Date: 18 DEC 2021 10:09:18

Highest Band Edge / 1 RB



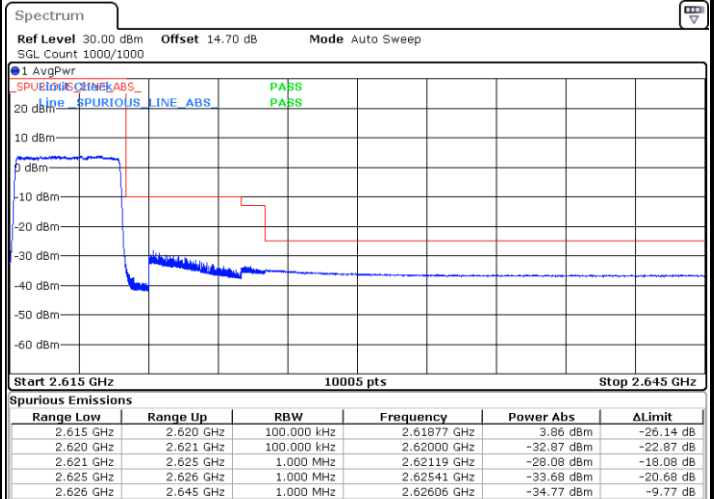
Date: 18 DEC 2021 10:13:58

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:10:51

Highest Band Edge / Full RB

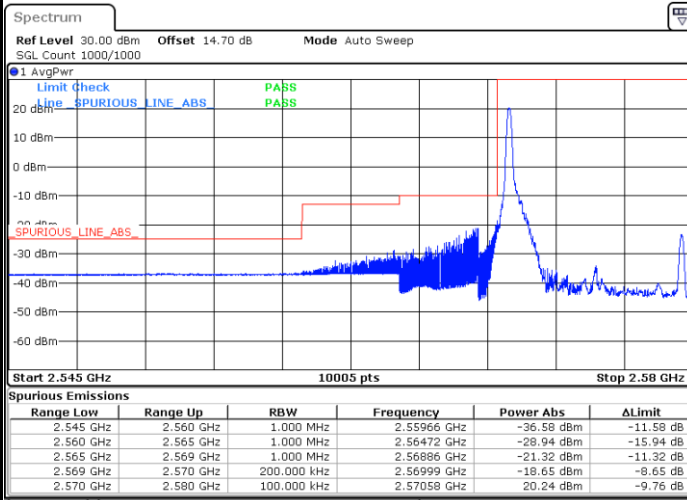


Date: 18 DEC 2021 10:12:25



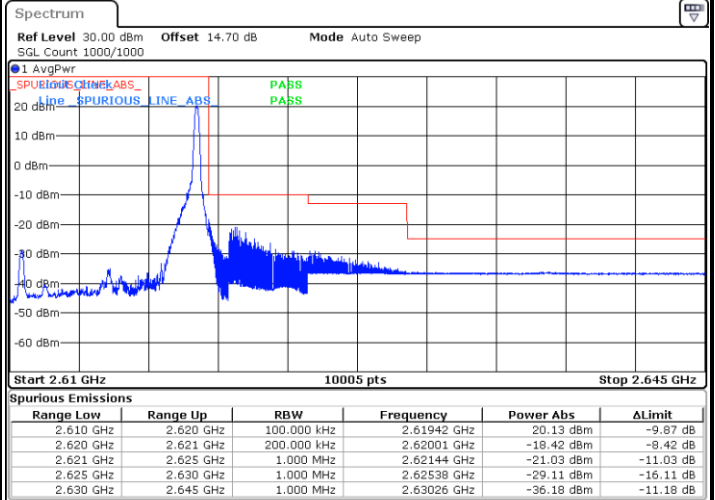
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



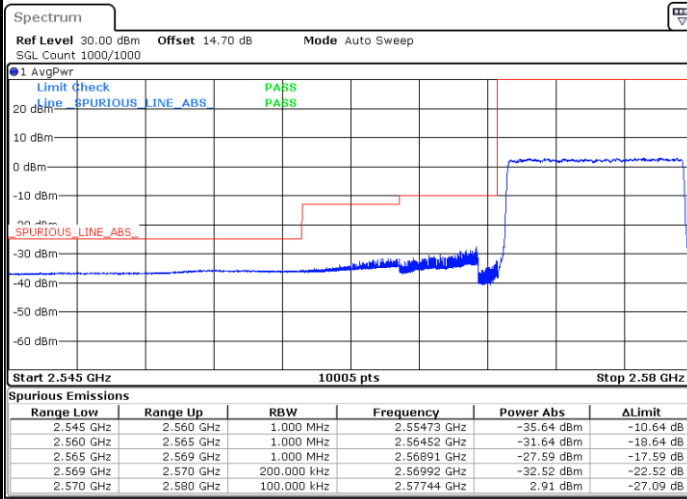
Date: 18 DEC 2021 10:21:47

Highest Band Edge / 1 RB



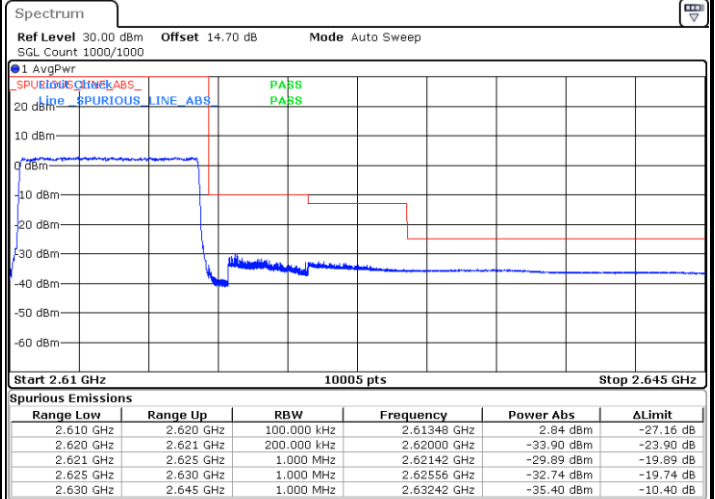
Date: 18 DEC 2021 10:31:09

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:24:55

Highest Band Edge / Full RB

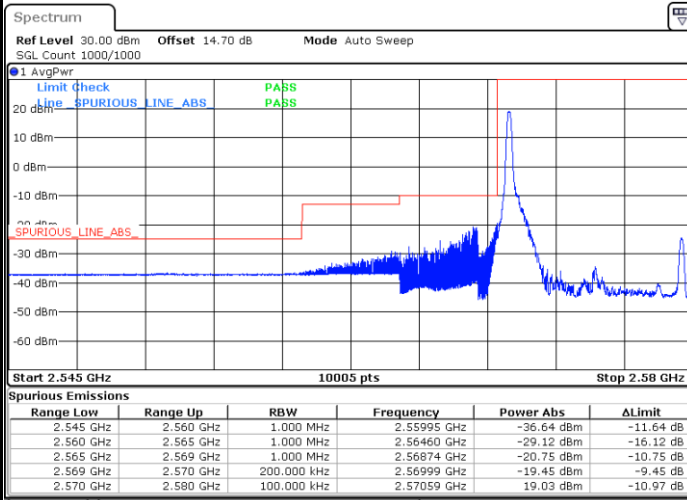


Date: 18 DEC 2021 10:28:01



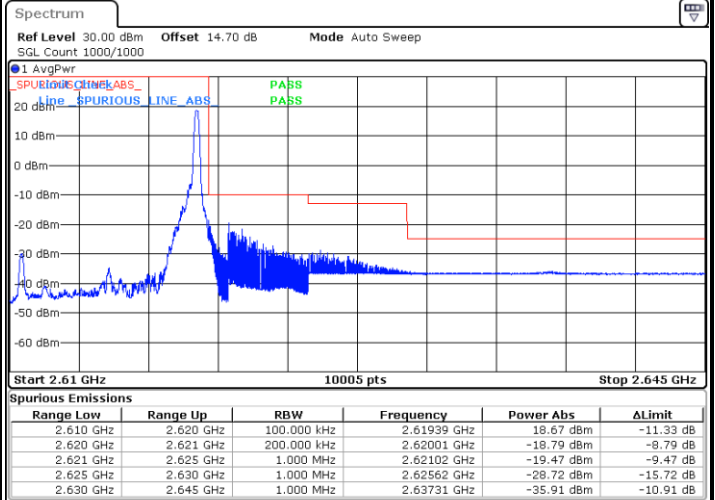
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



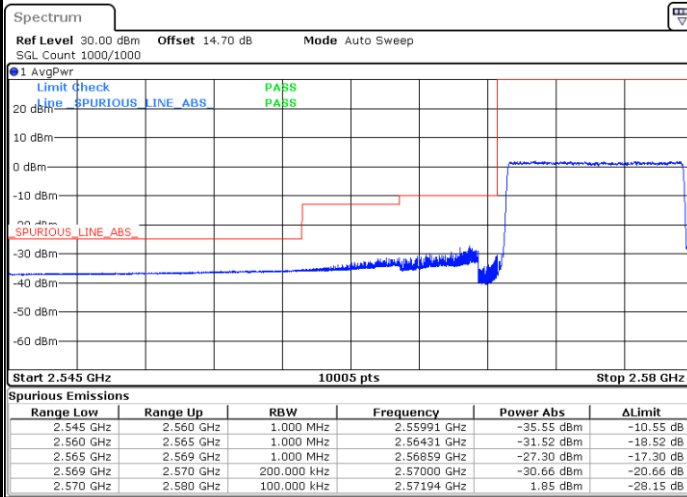
Date: 18 DEC 2021 10:23:21

Highest Band Edge / 1 RB



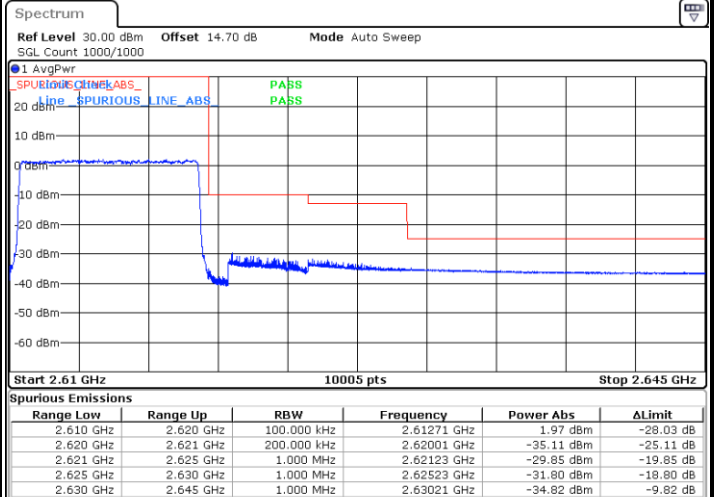
Date: 18 DEC 2021 10:32:42

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:26:28

Highest Band Edge / Full RB



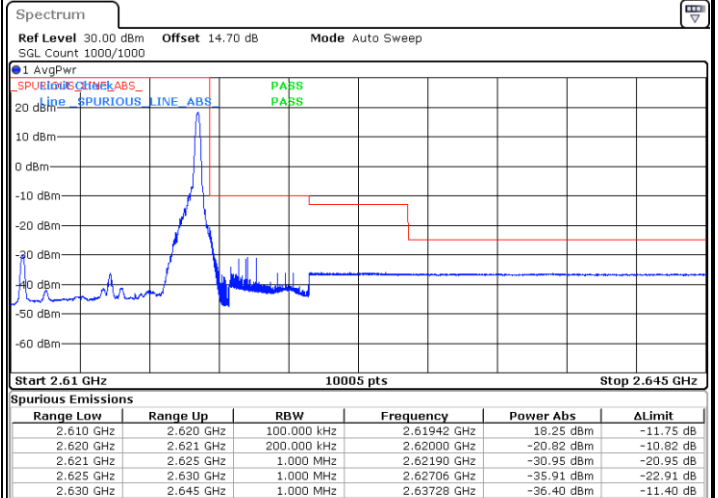
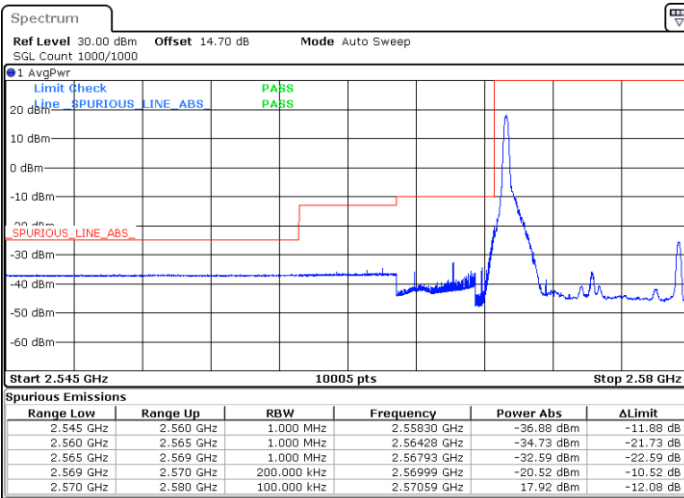
Date: 18 DEC 2021 10:29:35



LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

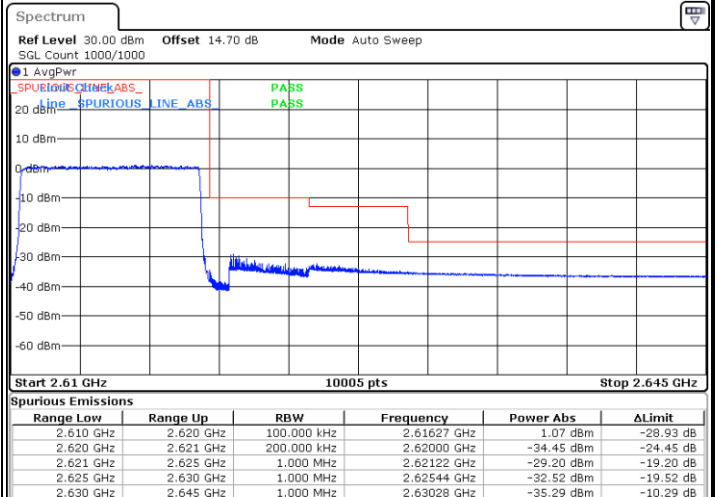
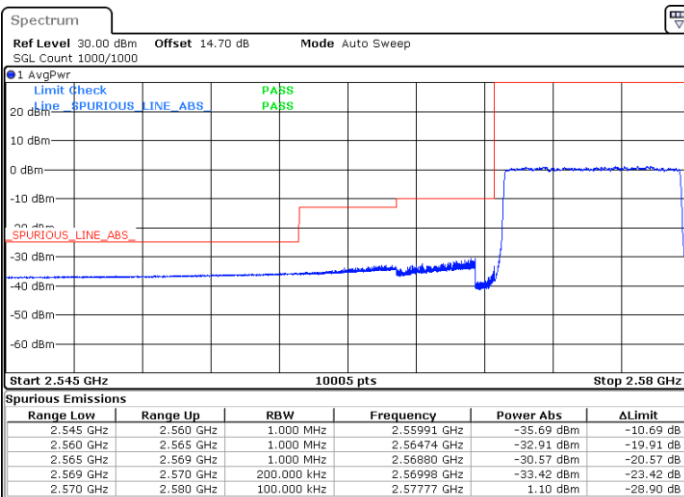


Date: 18 DEC 2021 10:15:33

Date: 18 DEC 2021 10:20:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



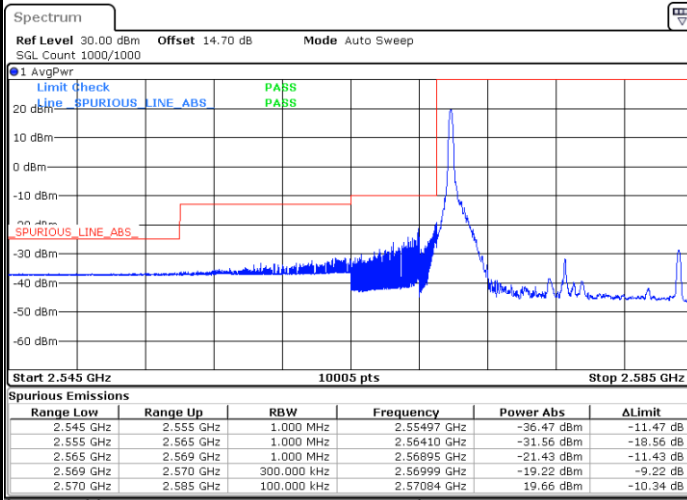
Date: 18 DEC 2021 10:17:06

Date: 18 DEC 2021 10:18:40



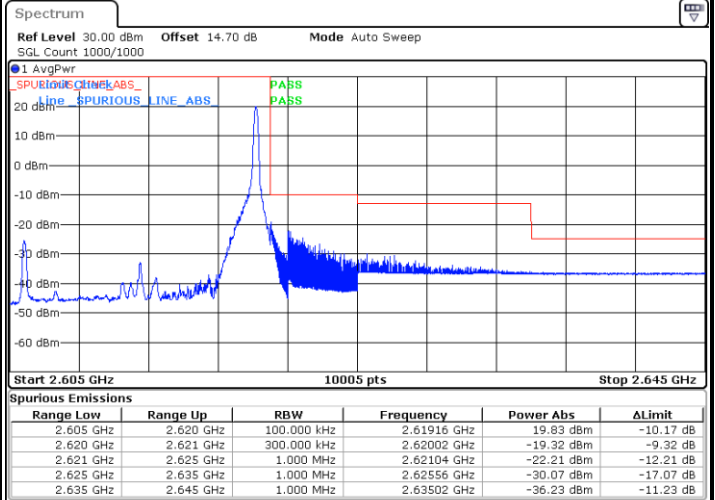
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



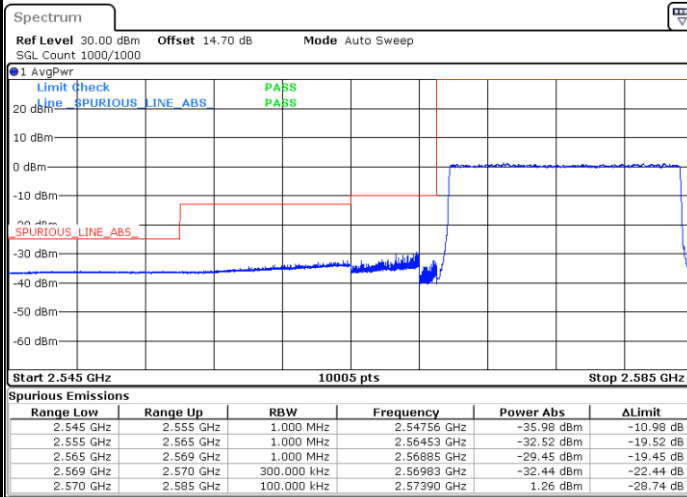
Date: 18 DEC 2021 10:34:17

Highest Band Edge / 1 RB



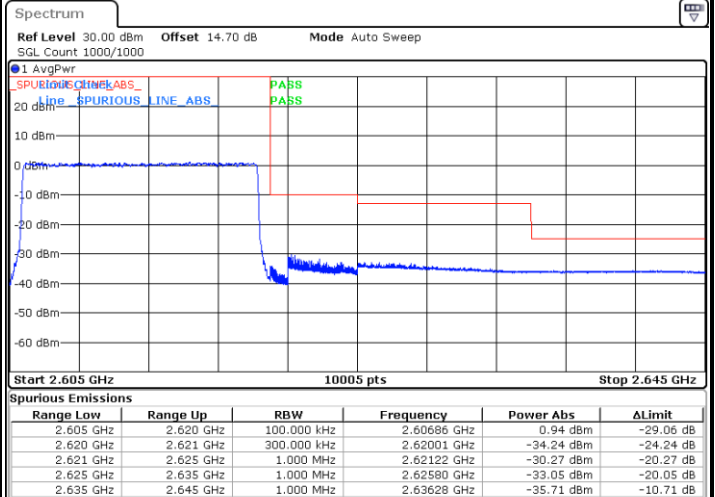
Date: 18 DEC 2021 10:43:40

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:37:25

Highest Band Edge / Full RB

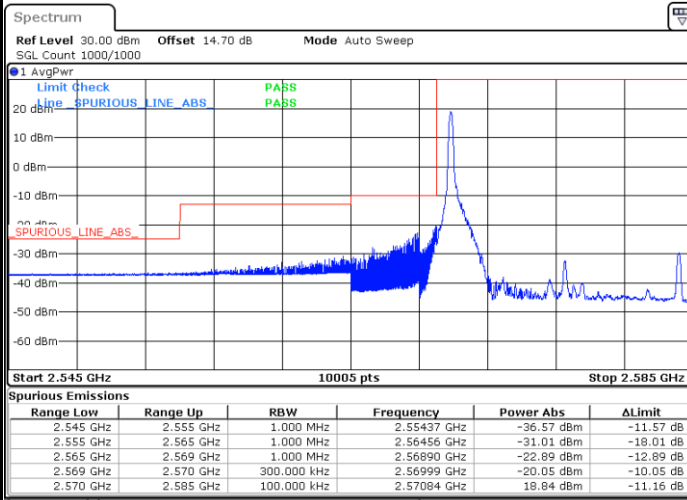


Date: 18 DEC 2021 10:40:32



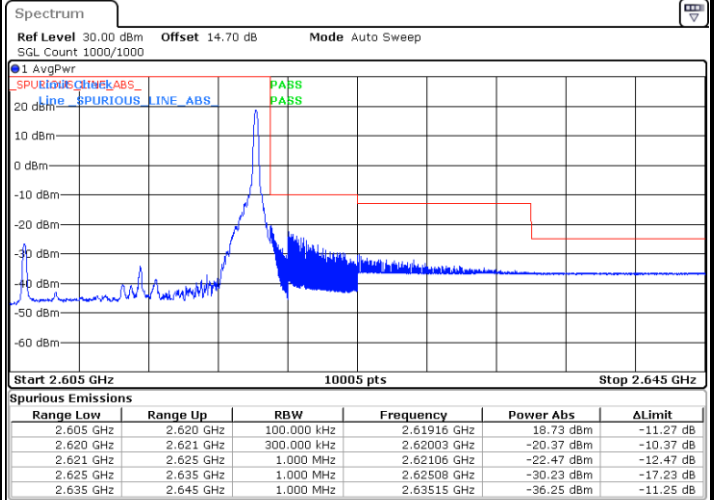
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



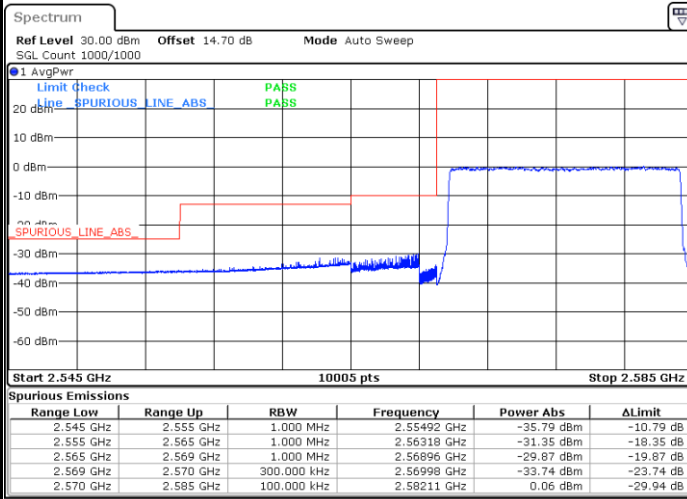
Date: 18 DEC 2021 10:35:50

Highest Band Edge / 1 RB



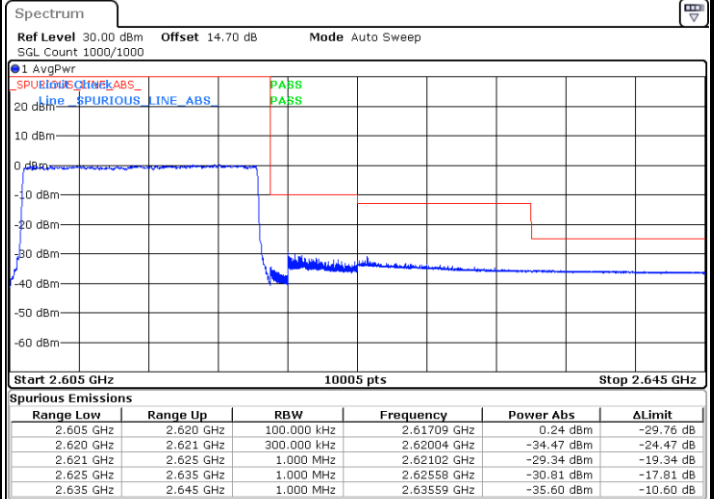
Date: 18 DEC 2021 10:45:13

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:38:58

Highest Band Edge / Full RB

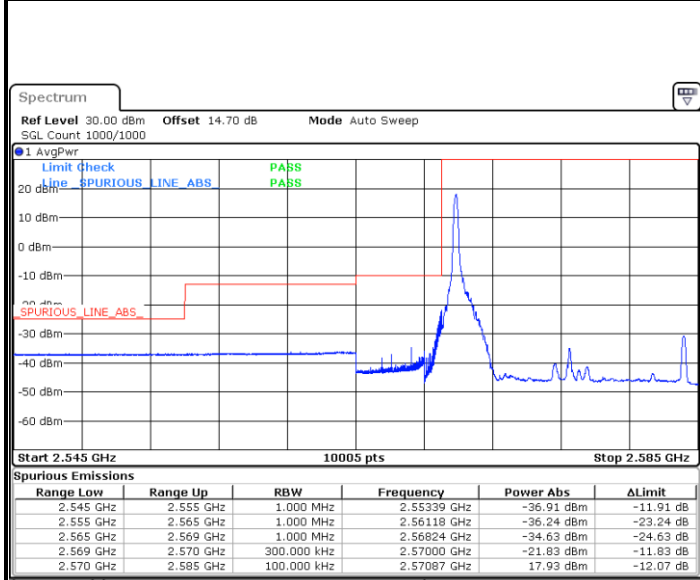


Date: 18 DEC 2021 10:42:06



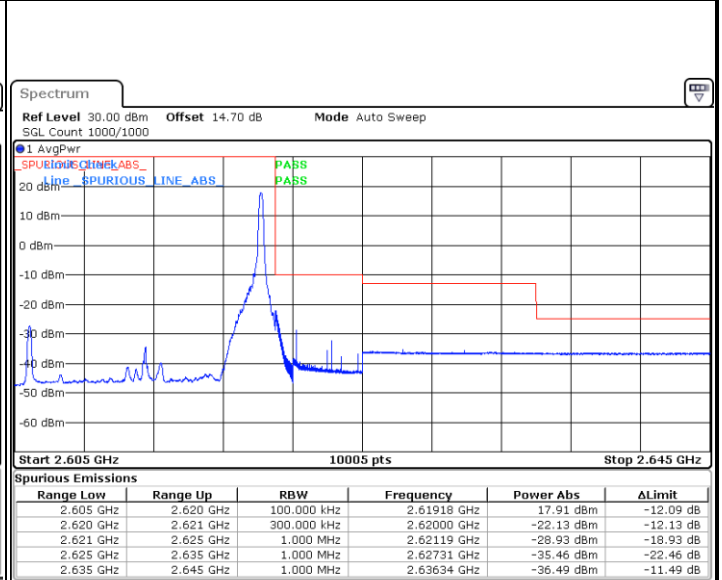
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



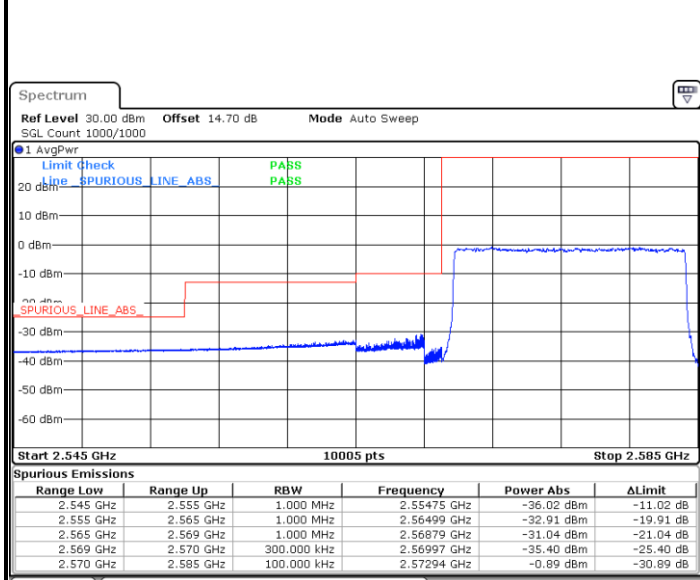
Date: 18 DEC 2021 10:46:47

Highest Band Edge / 1 RB



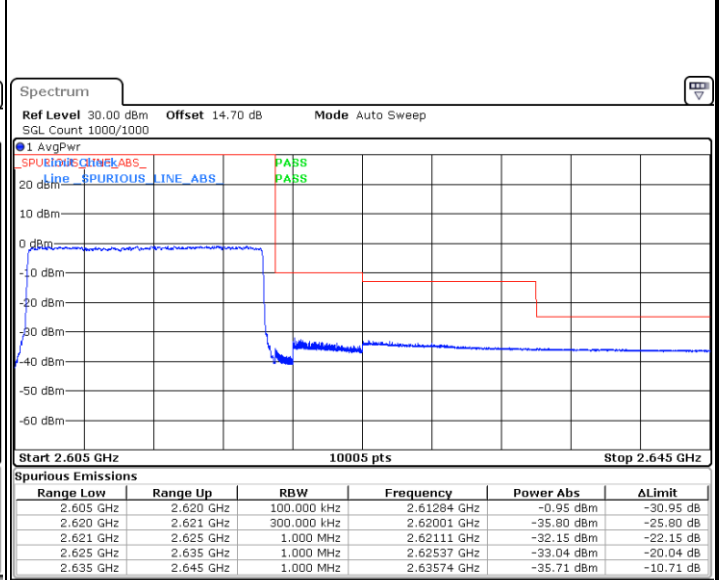
Date: 18 DEC 2021 10:51:28

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:48:21

Highest Band Edge / Full RB

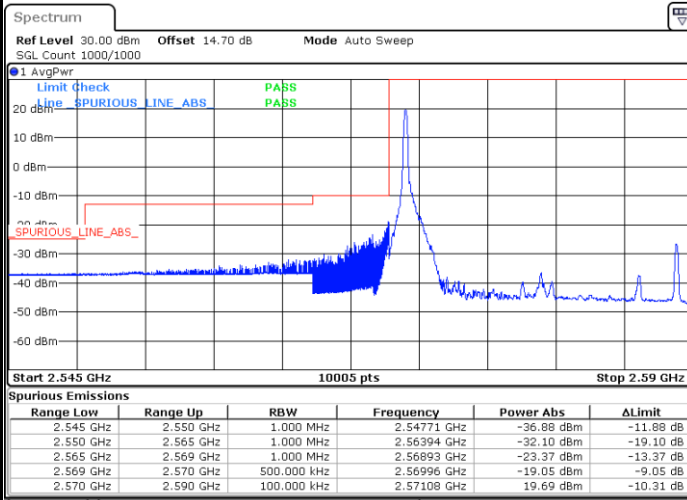


Date: 18 DEC 2021 10:49:54



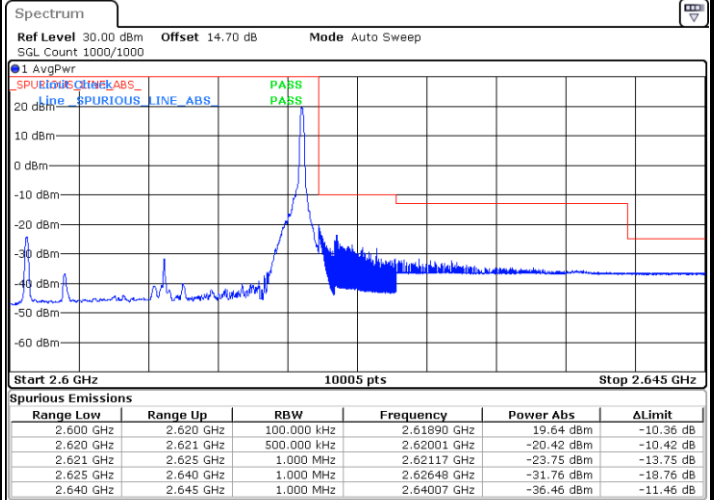
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



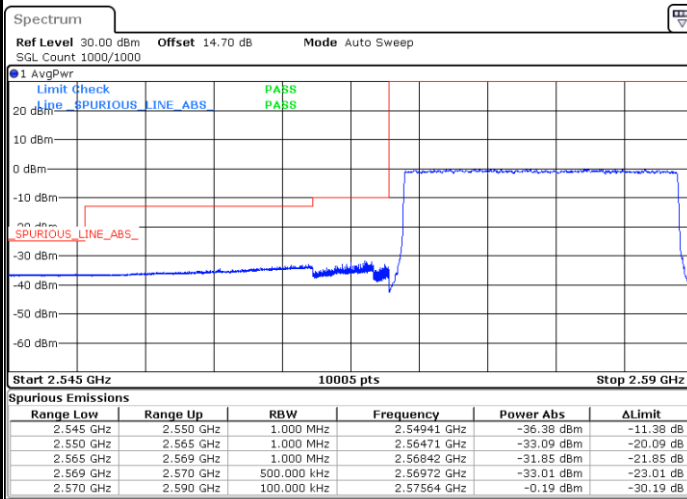
Date: 18 DEC 2021 10:53:02

Highest Band Edge / 1 RB



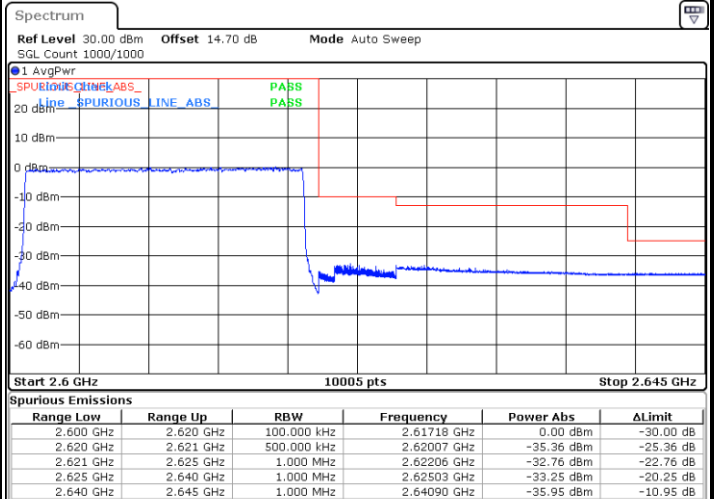
Date: 18 DEC 2021 11:02:23

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:56:09

Highest Band Edge / Full RB

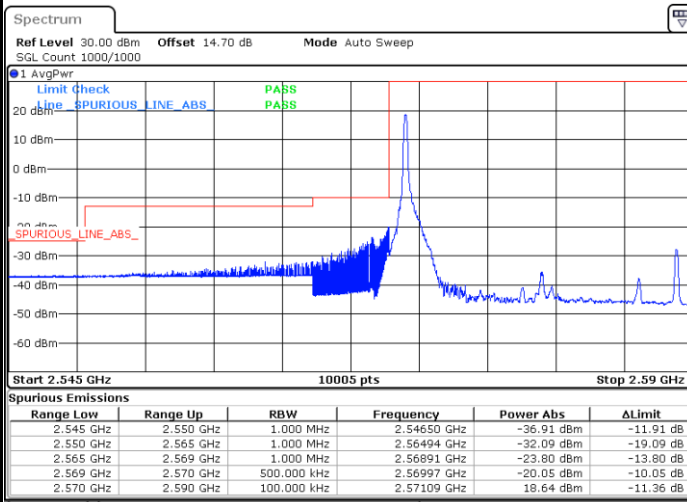


Date: 18 DEC 2021 10:58:16



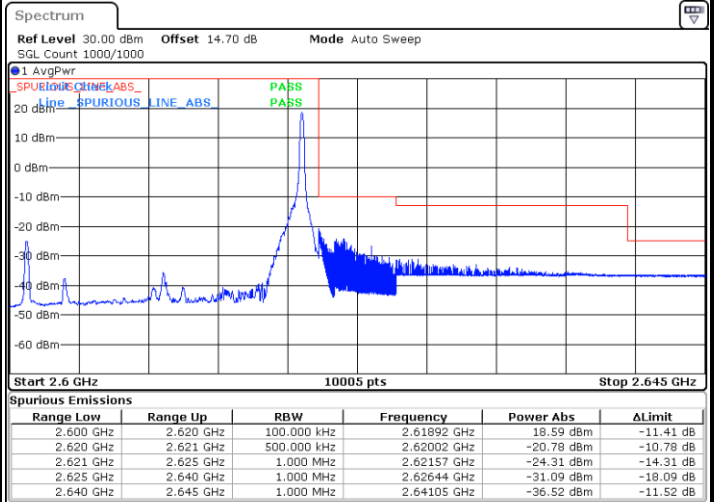
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



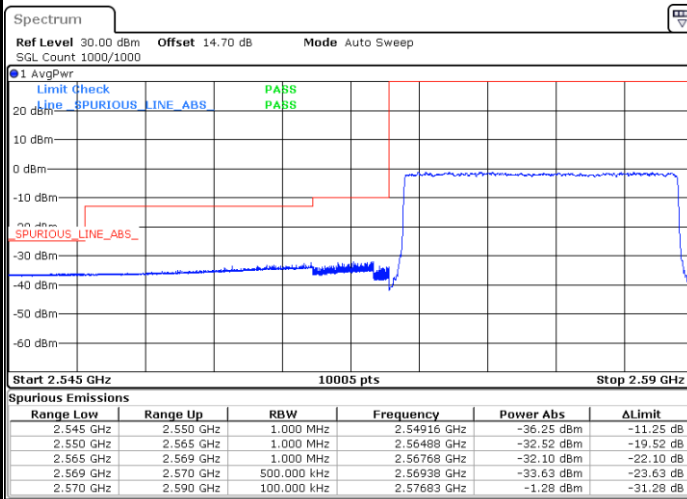
Date: 18 DEC 2021 10:54:35

Highest Band Edge / 1 RB



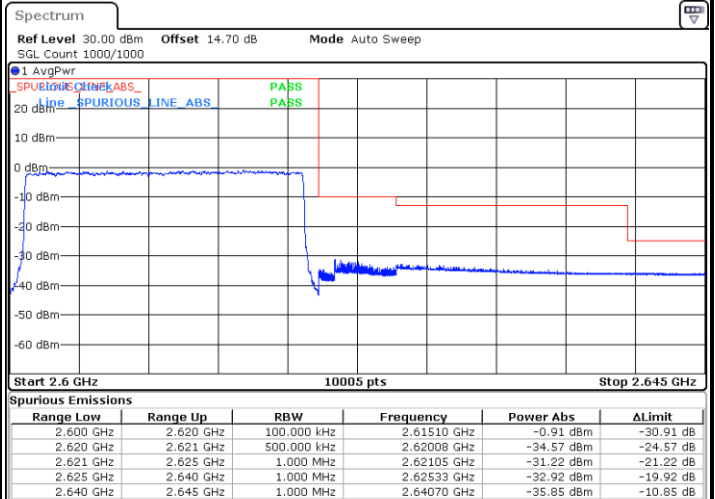
Date: 18 DEC 2021 11:03:57

Lowest Band Edge / Full RB



Date: 18 DEC 2021 10:57:43

Highest Band Edge / Full RB

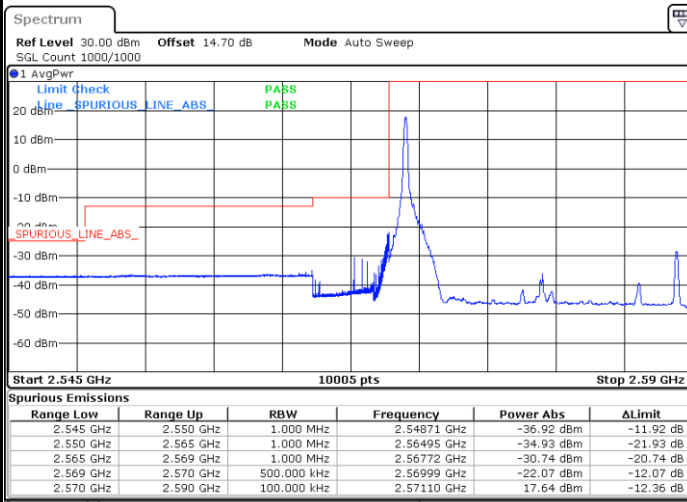


Date: 18 DEC 2021 11:00:50



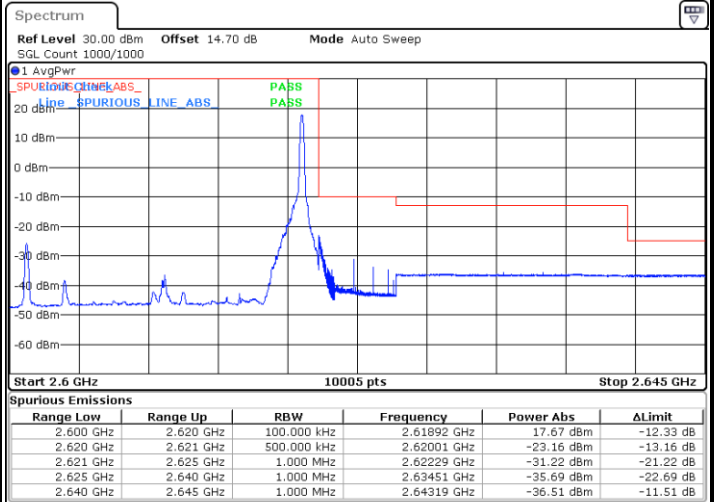
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



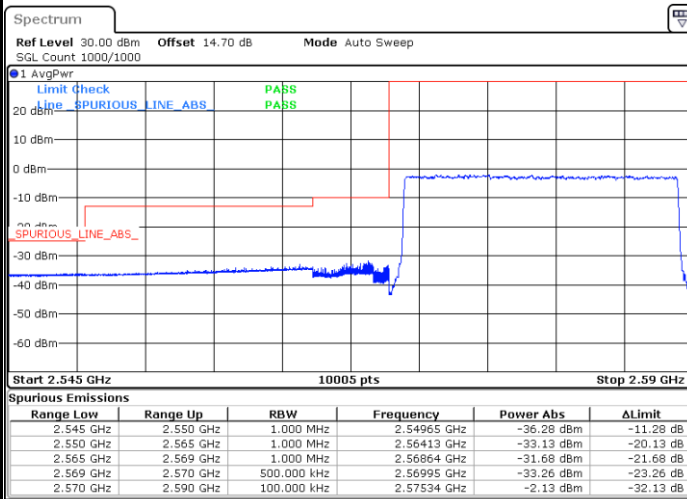
Date: 18 DEC 2021 11:05:31

Highest Band Edge / 1 RB



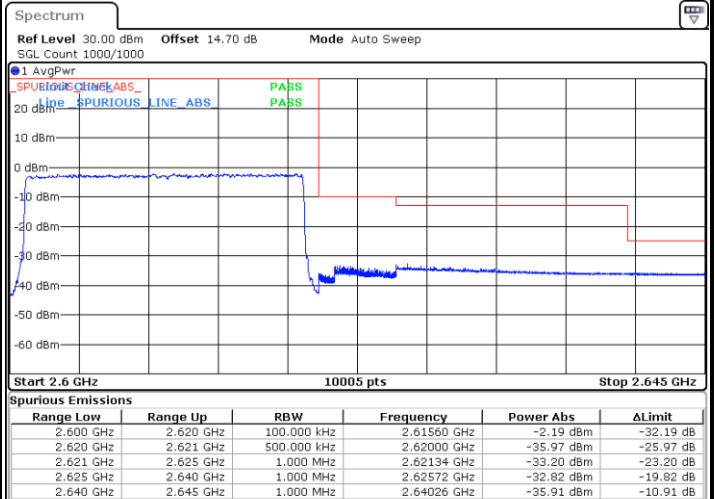
Date: 18 DEC 2021 11:10:11

Lowest Band Edge / Full RB



Date: 18 DEC 2021 11:07:04

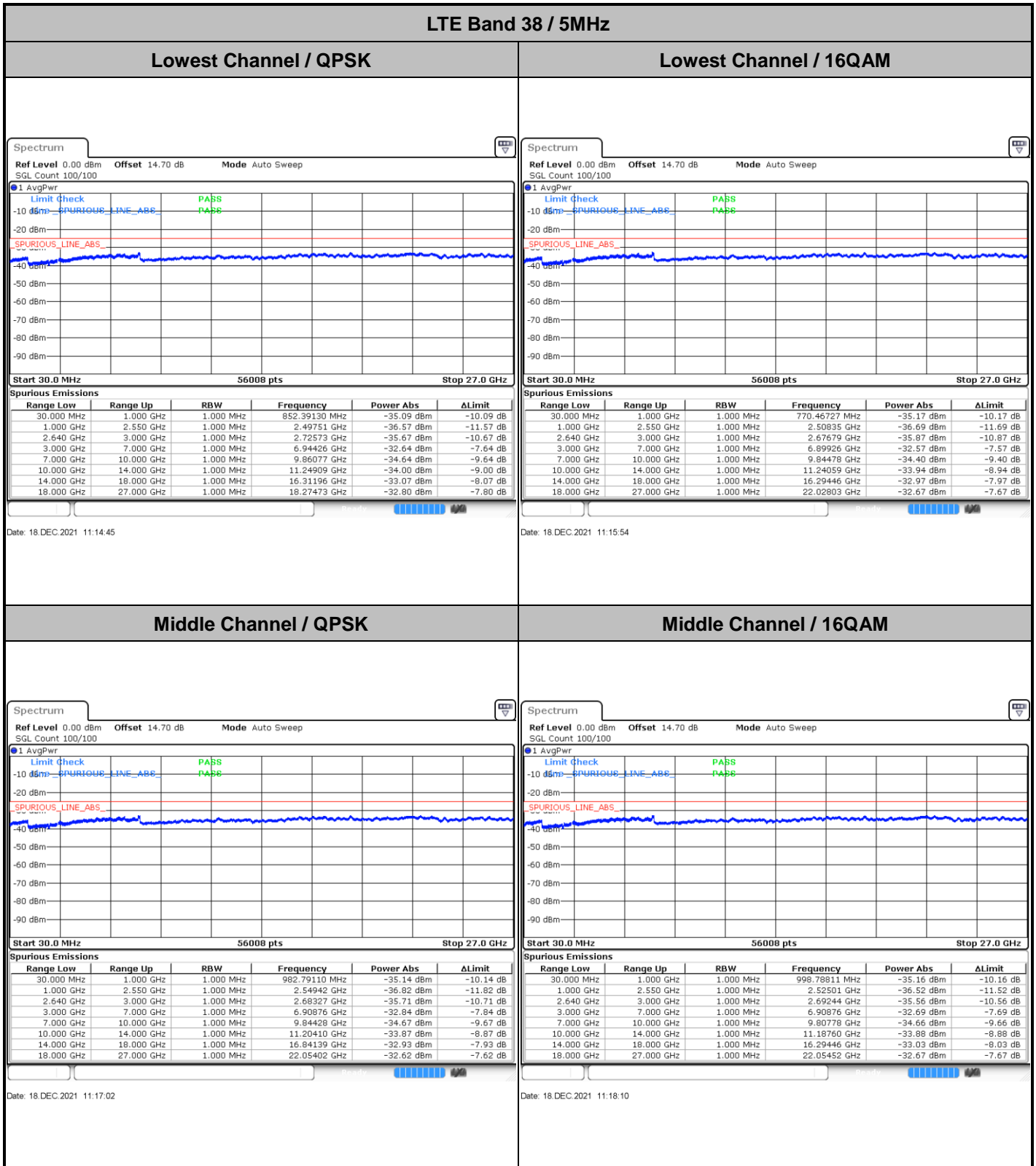
Highest Band Edge / Full RB



Date: 18 DEC 2021 11:08:38



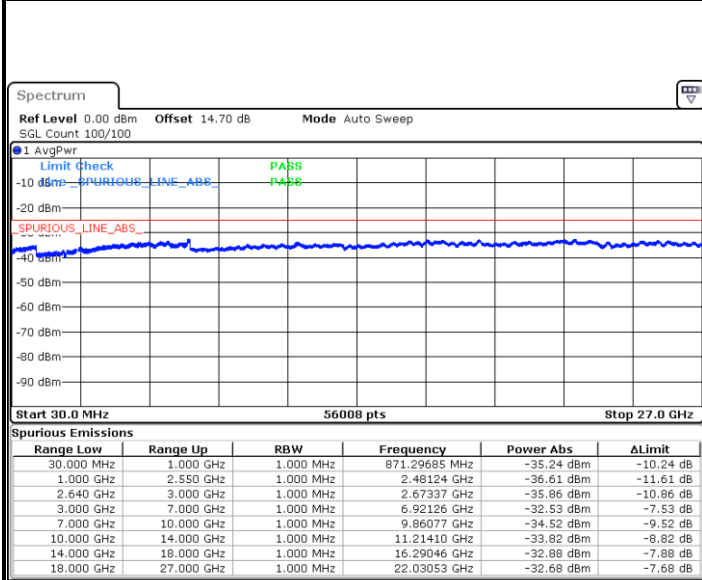
Conducted Spurious Emission





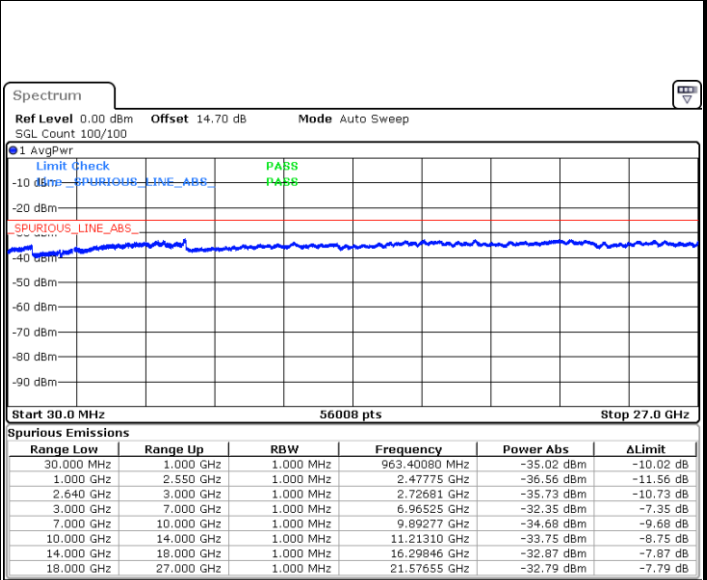
LTE Band 38 / 5MHz

Highest Channel / QPSK



Date: 18.DEC.2021 11:19:19

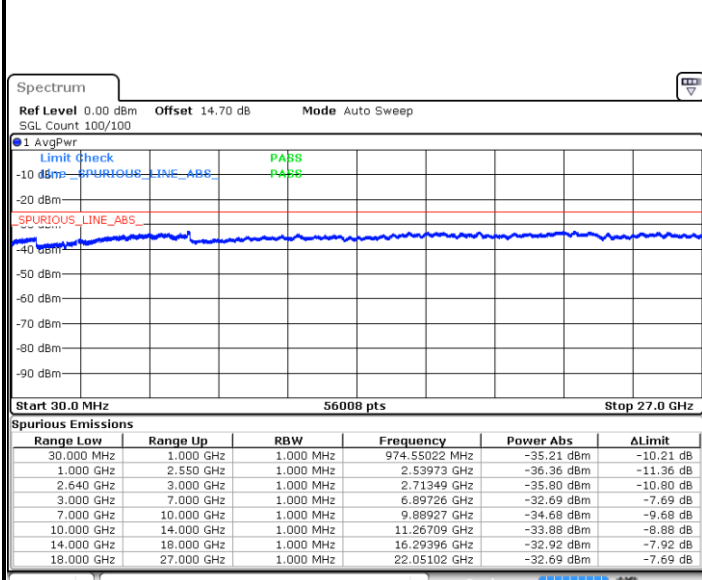
Highest Channel / 16QAM



Date: 18.DEC.2021 11:20:27

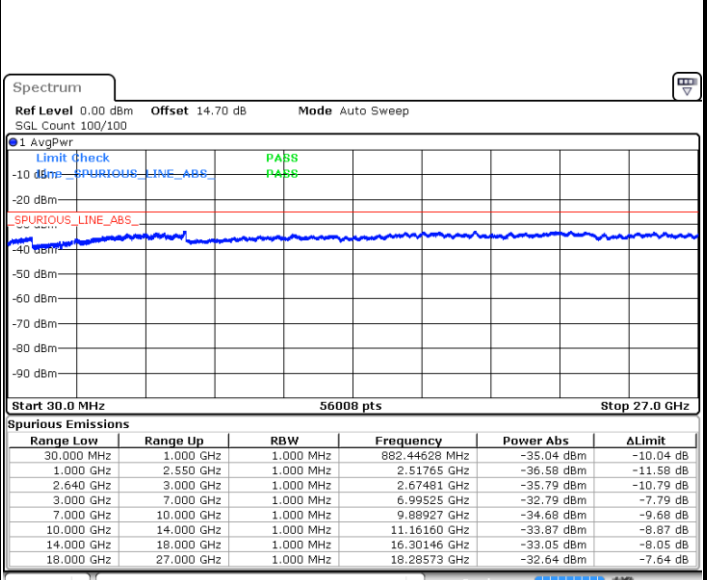
LTE Band 38 / 10MHz

Lowest Channel / QPSK



Date: 18.DEC.2021 11:25:02

Lowest Channel / 16QAM



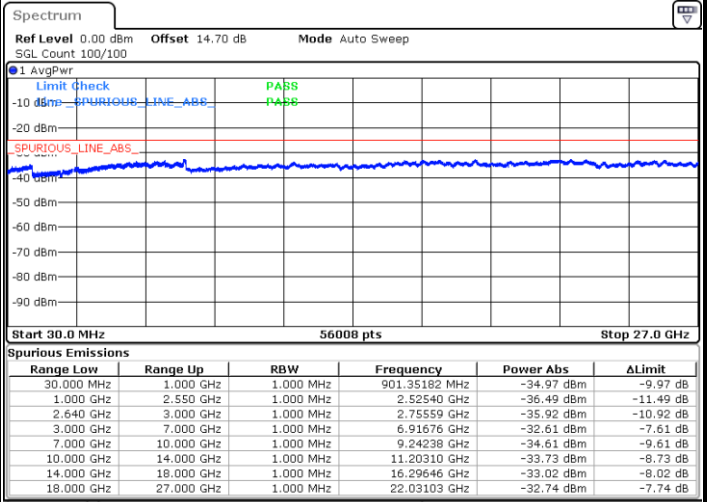
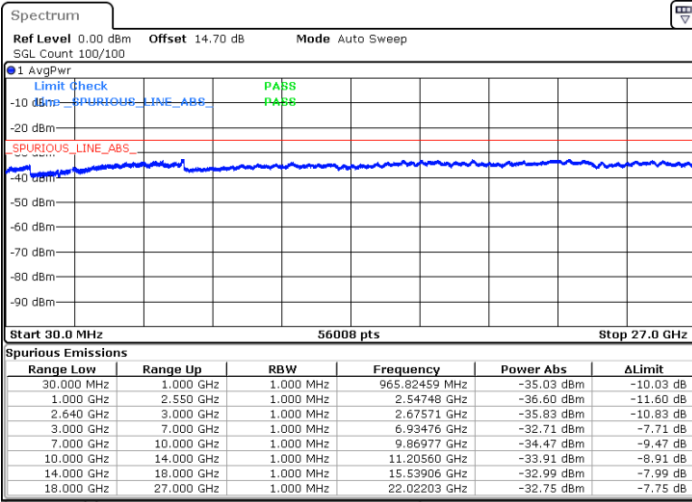
Date: 18.DEC.2021 11:26:11



LTE Band 38 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

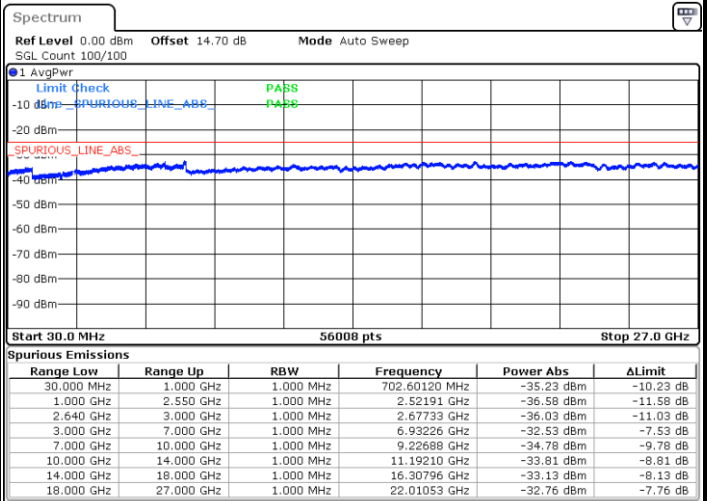
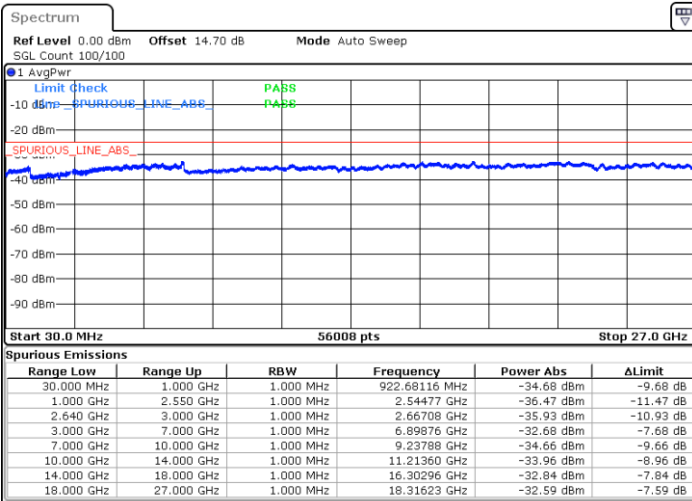


Date: 18.DEC.2021 11:27:19

Date: 18.DEC.2021 11:28:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.DEC.2021 11:29:35

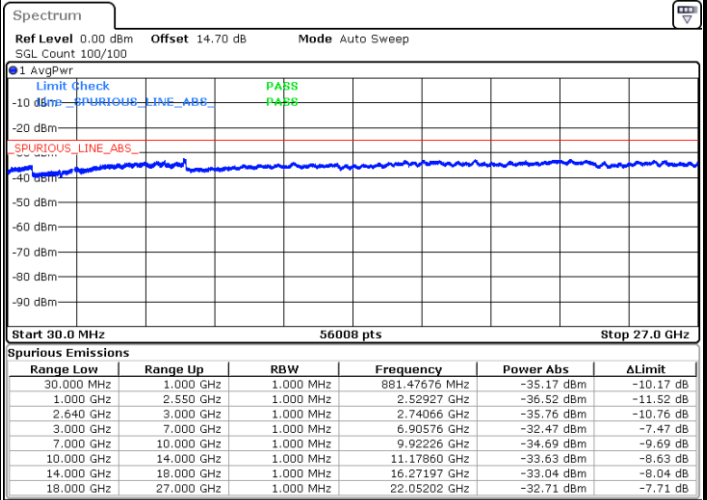
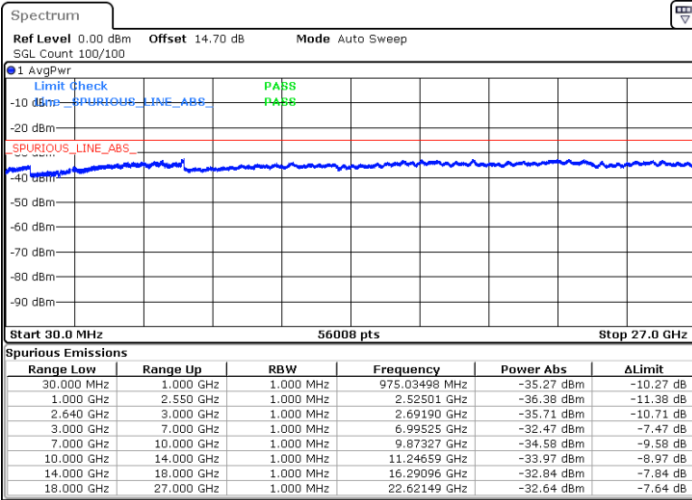
Date: 18.DEC.2021 11:30:44



LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

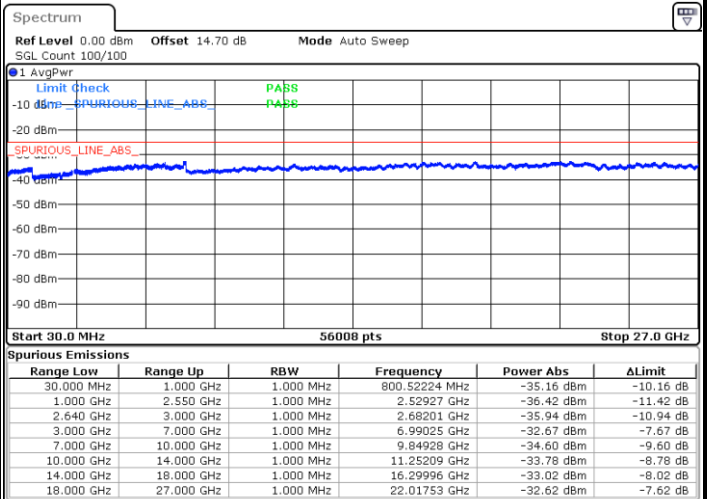
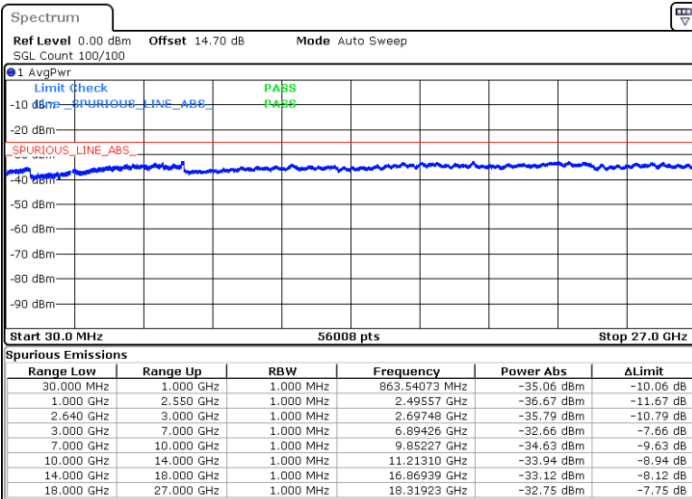


Date: 18.DEC.2021 11:31:53

Date: 18.DEC.2021 11:33:02

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18.DEC.2021 11:34:10

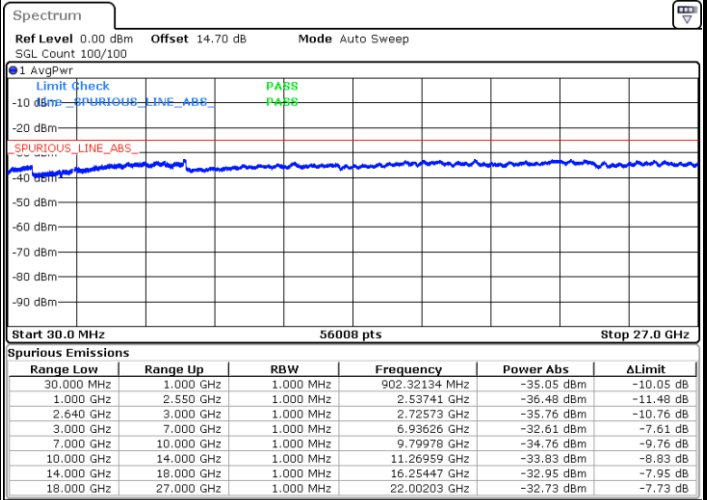
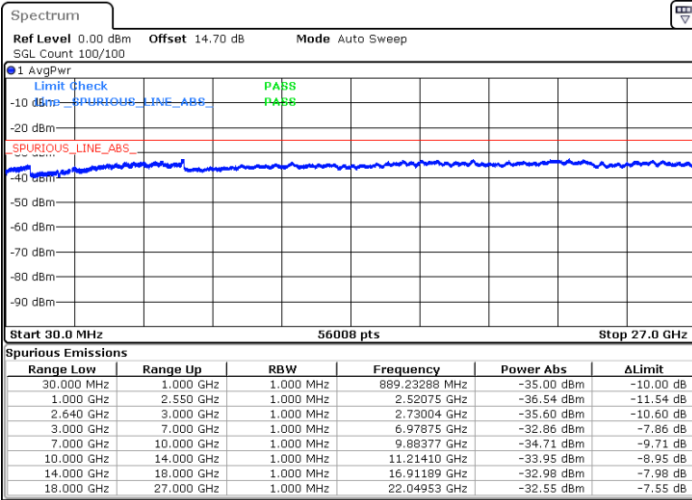
Date: 18.DEC.2021 11:35:18



LTE Band 38 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



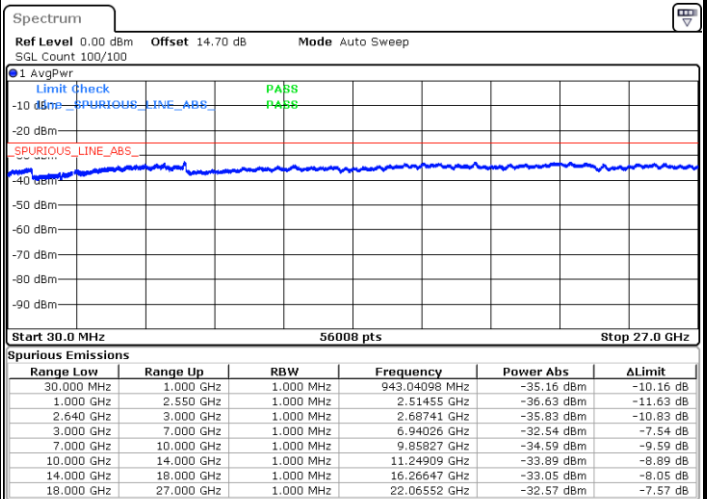
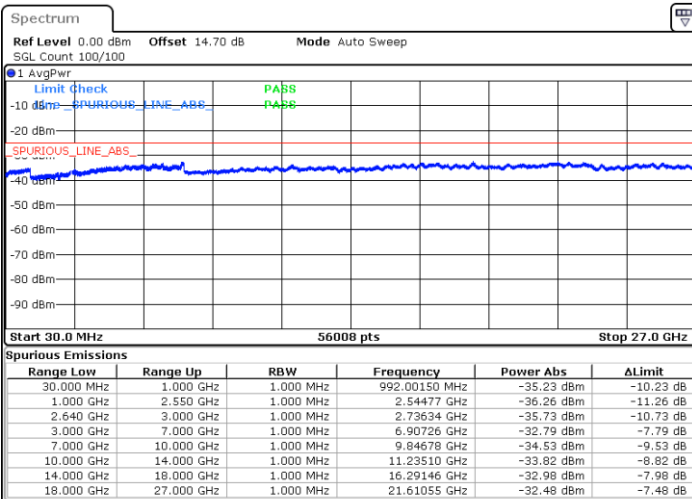
Date: 18.DEC.2021 11:36:26

Date: 18.DEC.2021 11:37:35

LTE Band 38 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18.DEC.2021 11:42:09

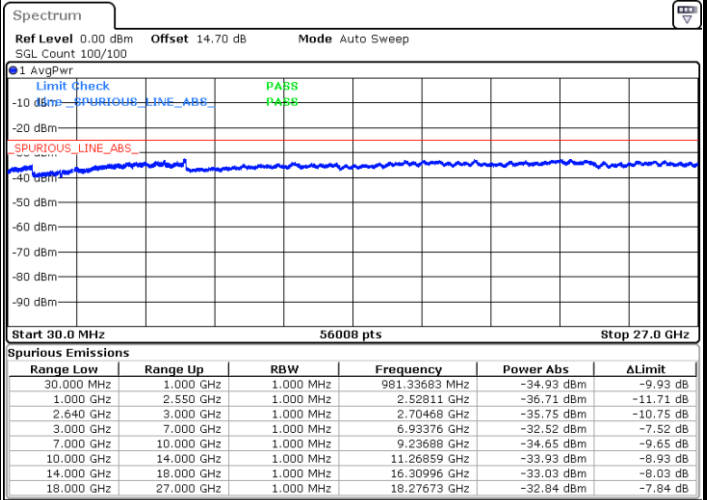
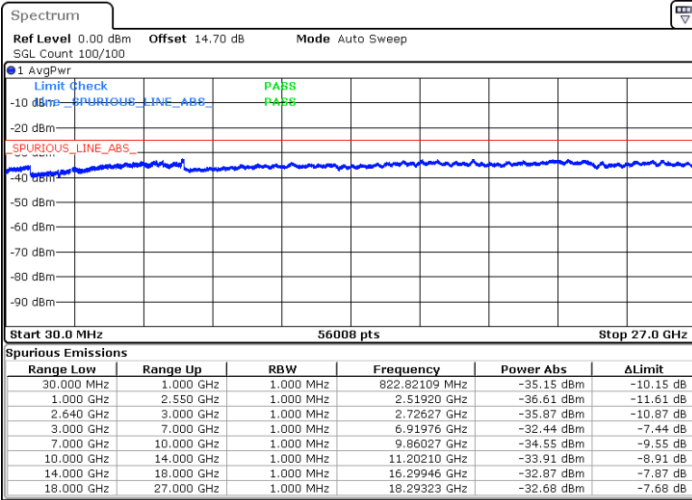
Date: 18.DEC.2021 11:43:18



LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

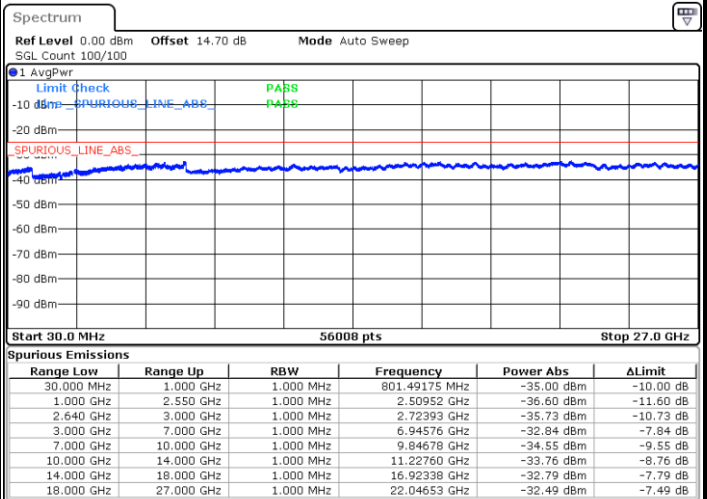
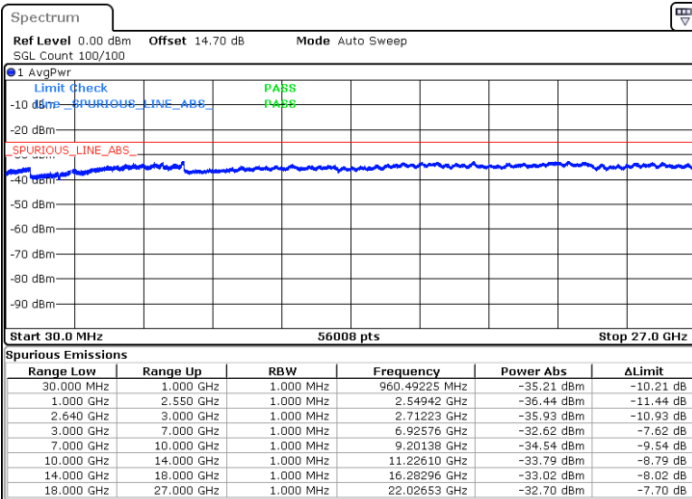


Date: 18.DEC.2021 11:44:26

Date: 18.DEC.2021 11:45:34

Highest Channel / QPSK

Highest Channel / 16QAM



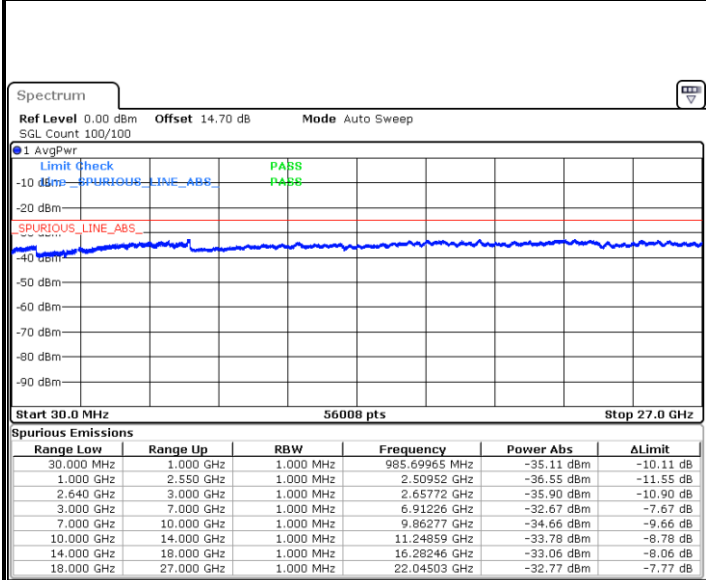
Date: 18.DEC.2021 11:46:43

Date: 18.DEC.2021 11:47:52



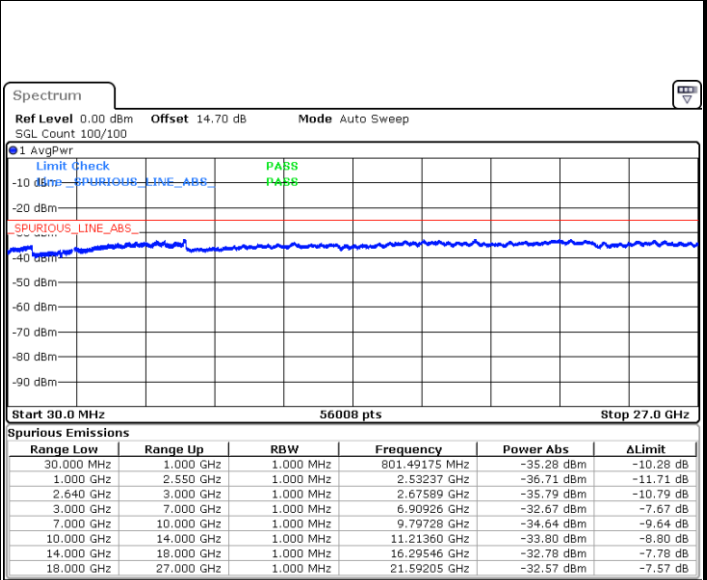
LTE Band 38 / 5MHz

Lowest Channel / 64QAM



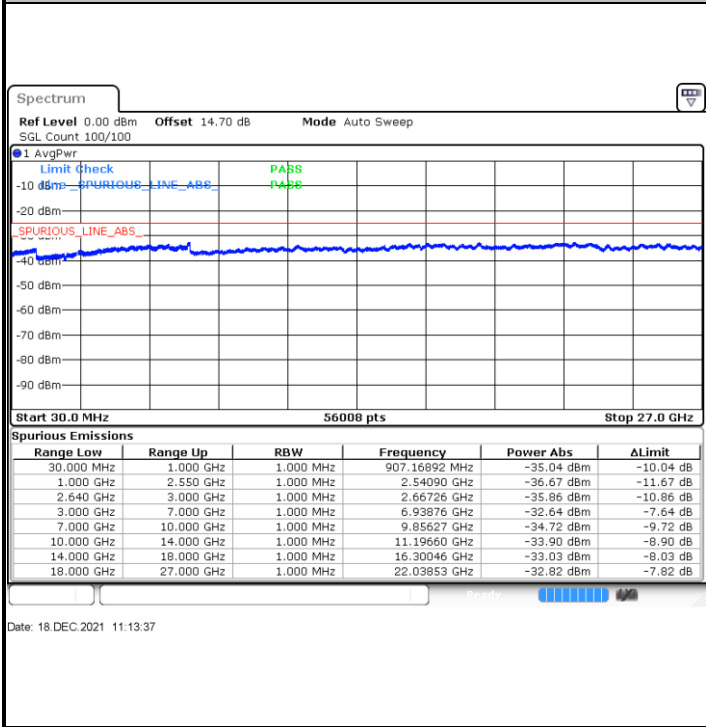
Date: 18.DEC.2021 11:11:20

Middle Channel / 64QAM



Date: 18.DEC.2021 11:12:29

Highest Channel / 64QAM



Date: 18.DEC.2021 11:13:37

N/A

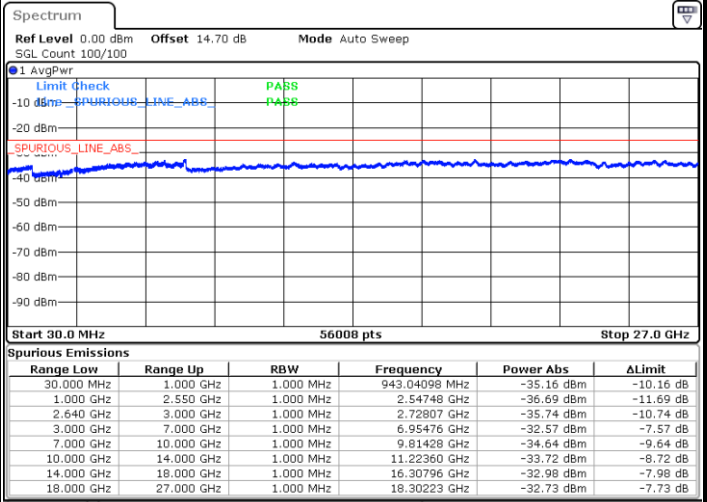
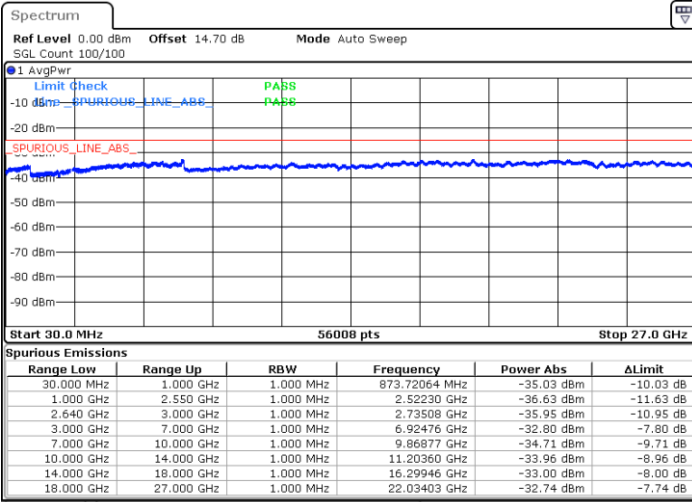
N/A



LTE Band 38 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

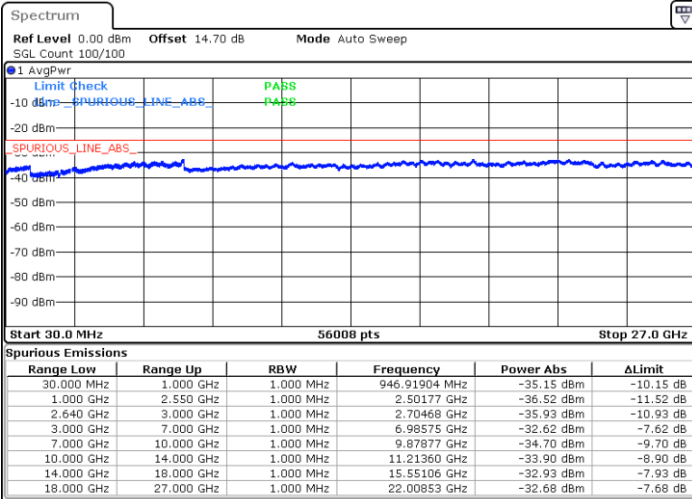


Date: 18.DEC.2021 11:21:37

Date: 18.DEC.2021 11:22:45

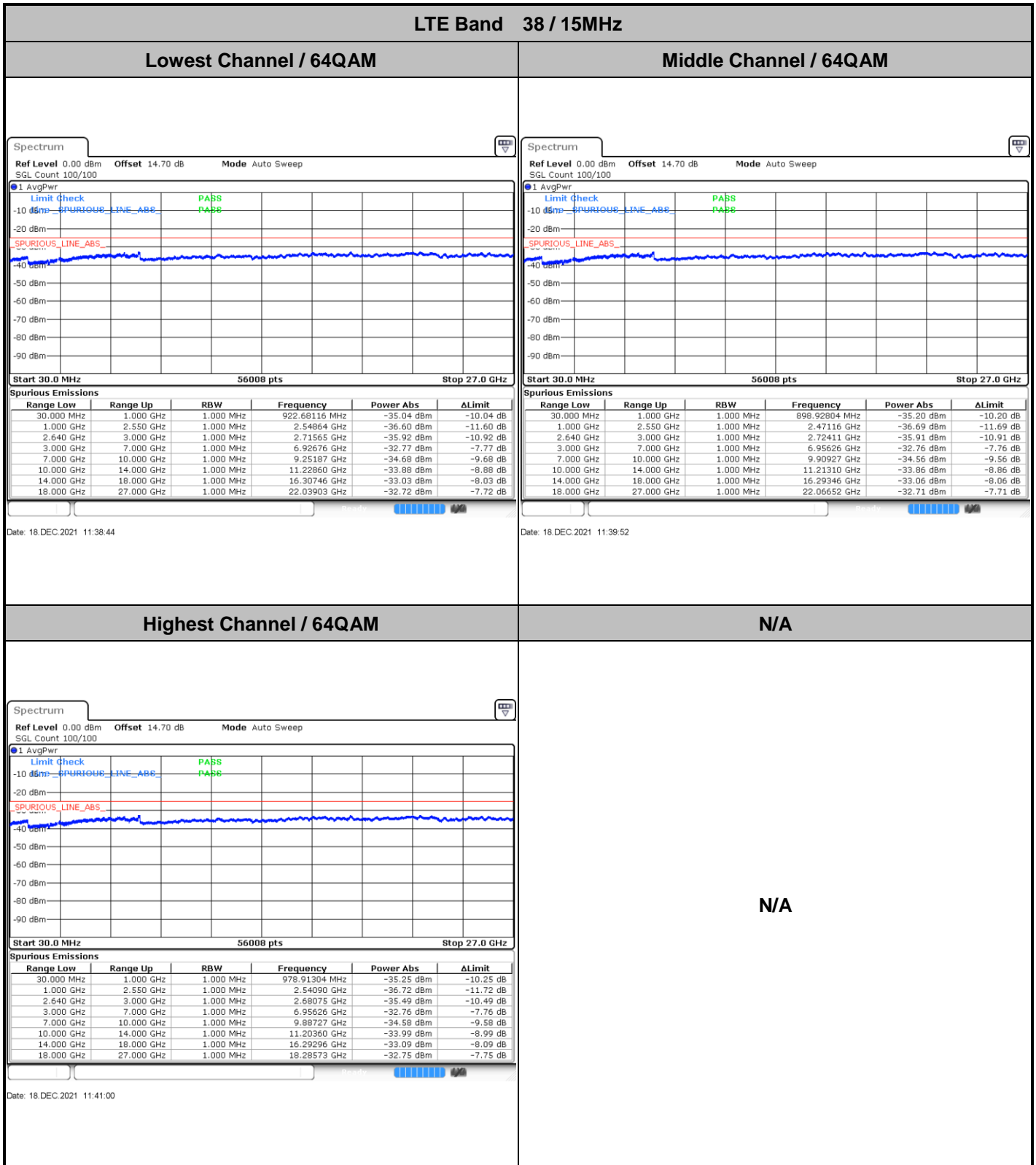
Highest Channel / 64QAM

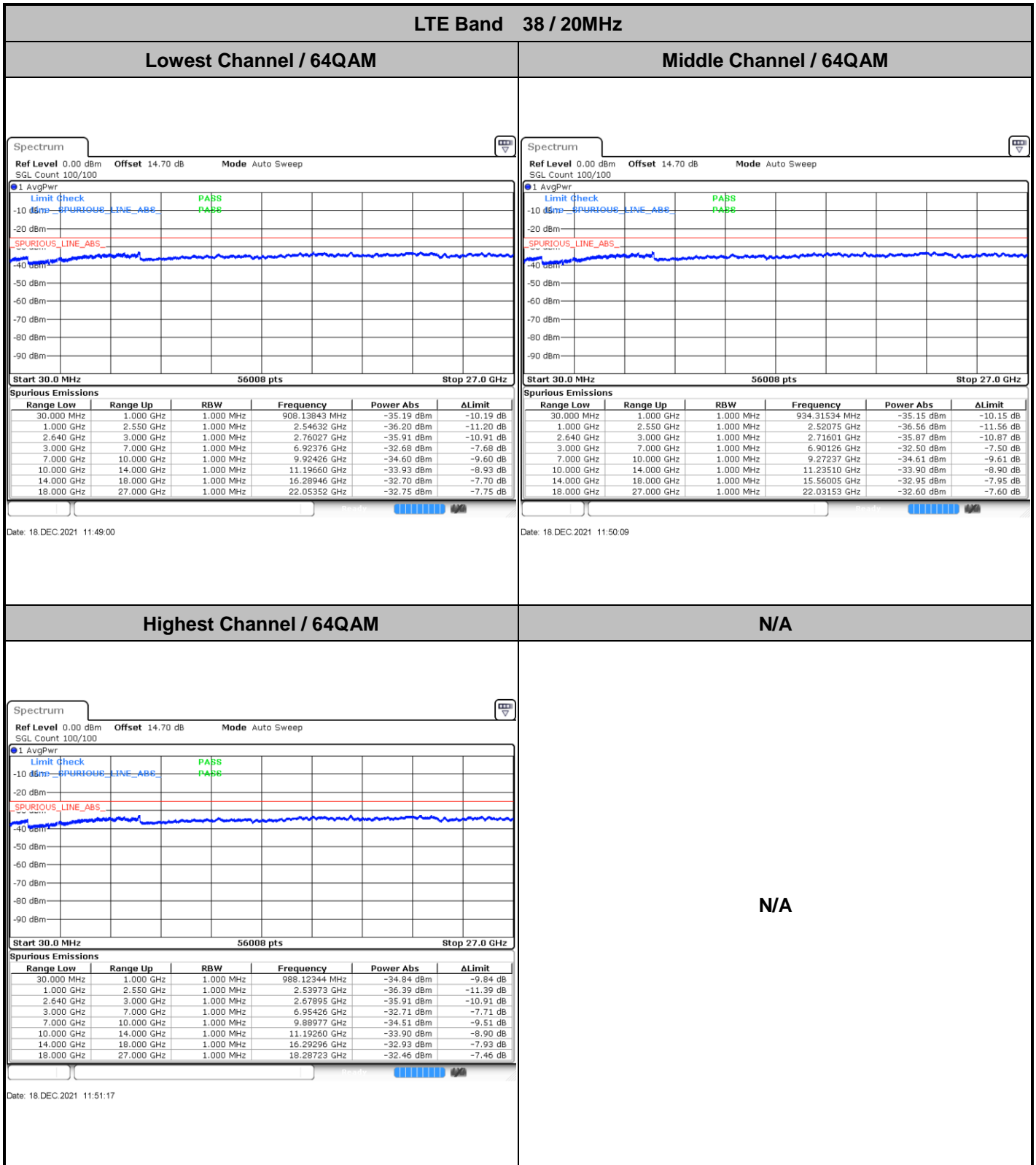
N/A



Date: 18.DEC.2021 11:23:53

N/A







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	0.0006	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

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

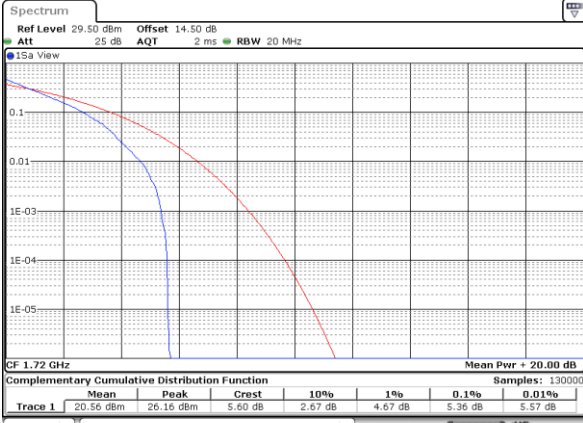
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.36	5.28	6.43	6.26	PASS
Middle CH	5.36	5.36	6.64	6.17	
Highest CH	5.42	5.36	6.23	6.26	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.78	6.52	-	-	PASS
Middle CH	6.99	6.58	-	-	
Highest CH	7.16	6.49	-	-	



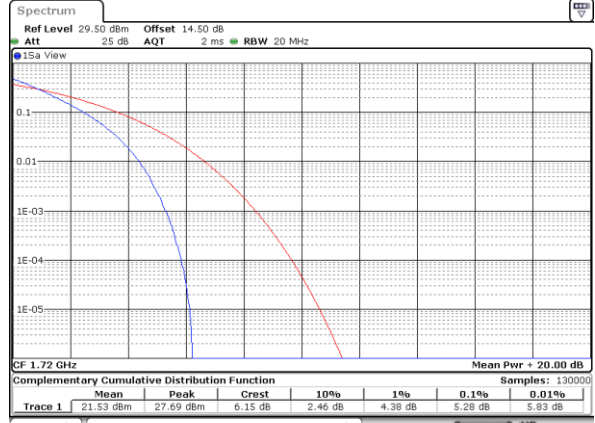
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



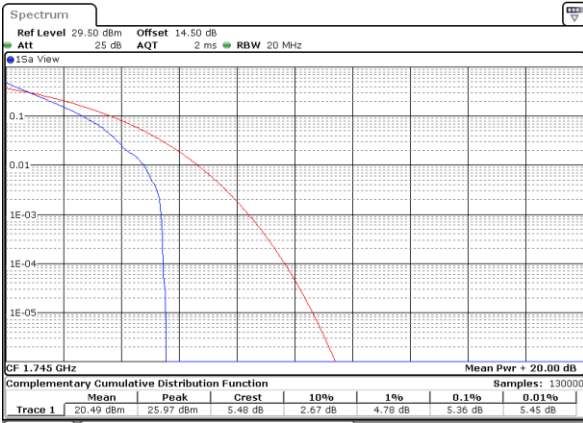
Date: 17_DEC.2021 06:52:37

Lowest Channel / Full RB



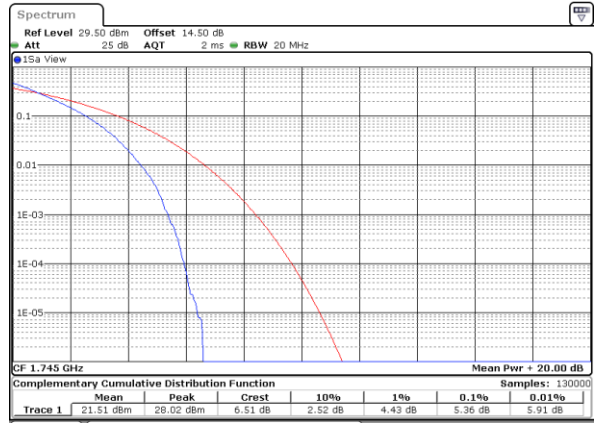
Date: 17_DEC.2021 06:52:48

Middle Channel / 1RB



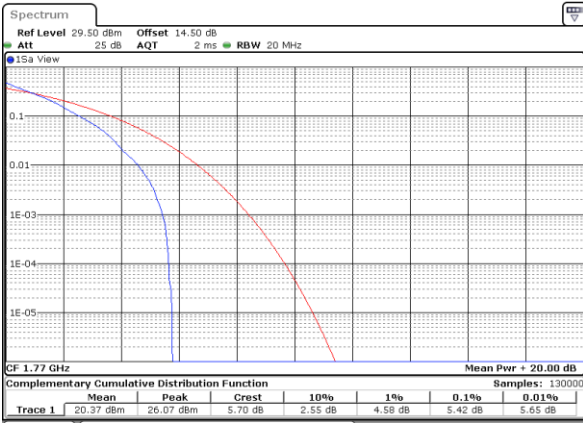
Date: 17_DEC.2021 06:52:58

Middle Channel / Full RB



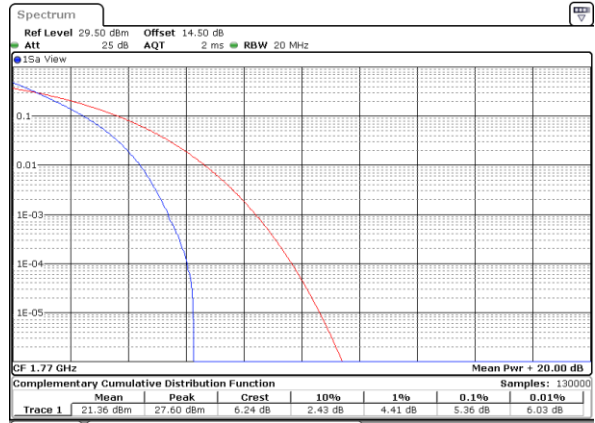
Date: 17_DEC.2021 06:53:12

Highest Channel / 1RB



Date: 17_DEC.2021 06:53:30

Highest Channel / Full RB



Date: 17_DEC.2021 06:53:45