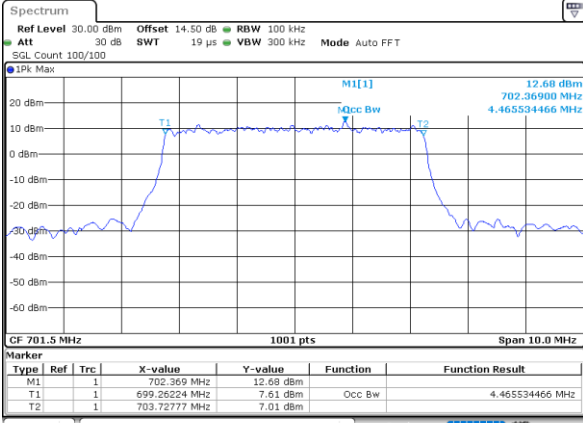




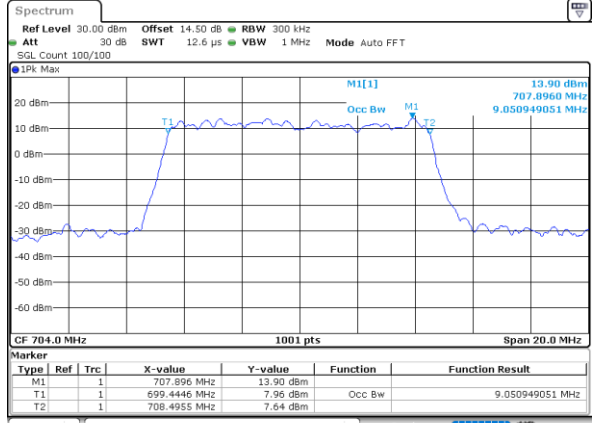
LTE Band 12

Lowest Channel / 5MHz / 64QAM



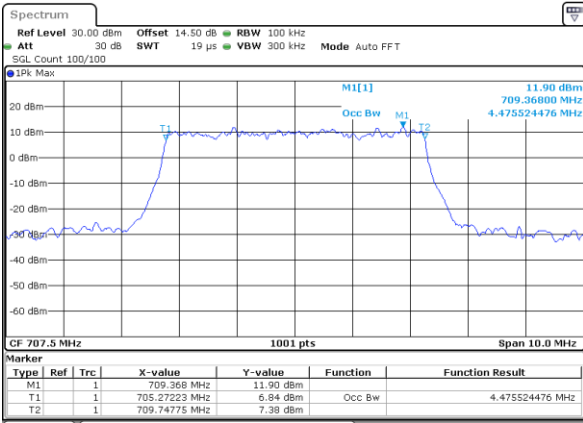
Date: 28.APR.2022 17:53:55

Lowest Channel / 10MHz / 64QAM



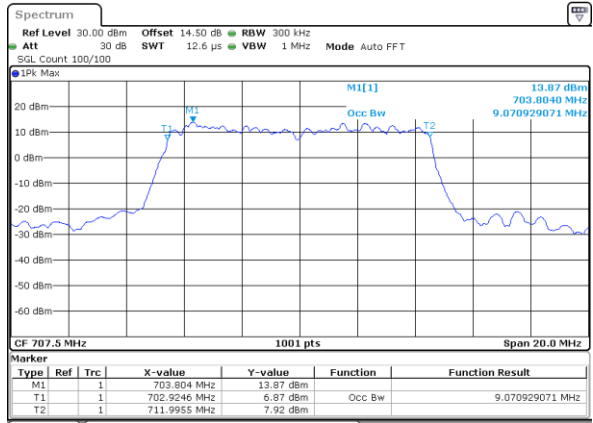
Date: 28.APR.2022 18:48:16

Middle Channel / 5MHz / 64QAM



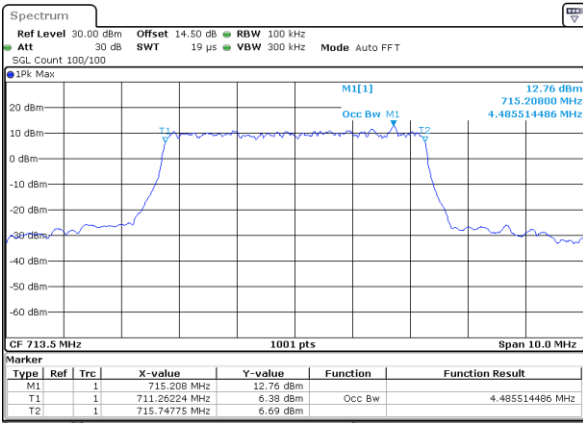
Date: 28.APR.2022 17:58:11

Middle Channel / 10MHz / 64QAM



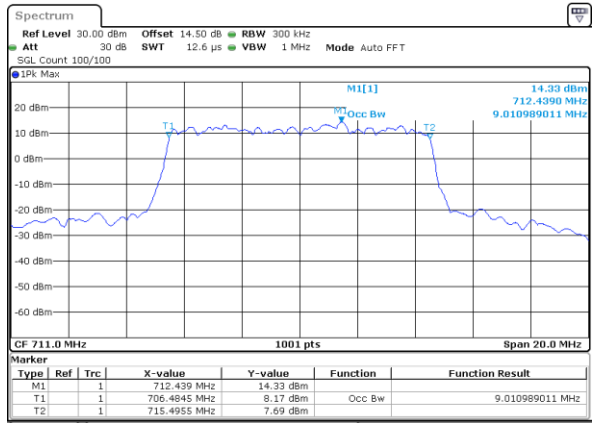
Date: 28.APR.2022 18:52:32

Highest Channel / 5MHz / 64QAM



Date: 28.APR.2022 18:00:01

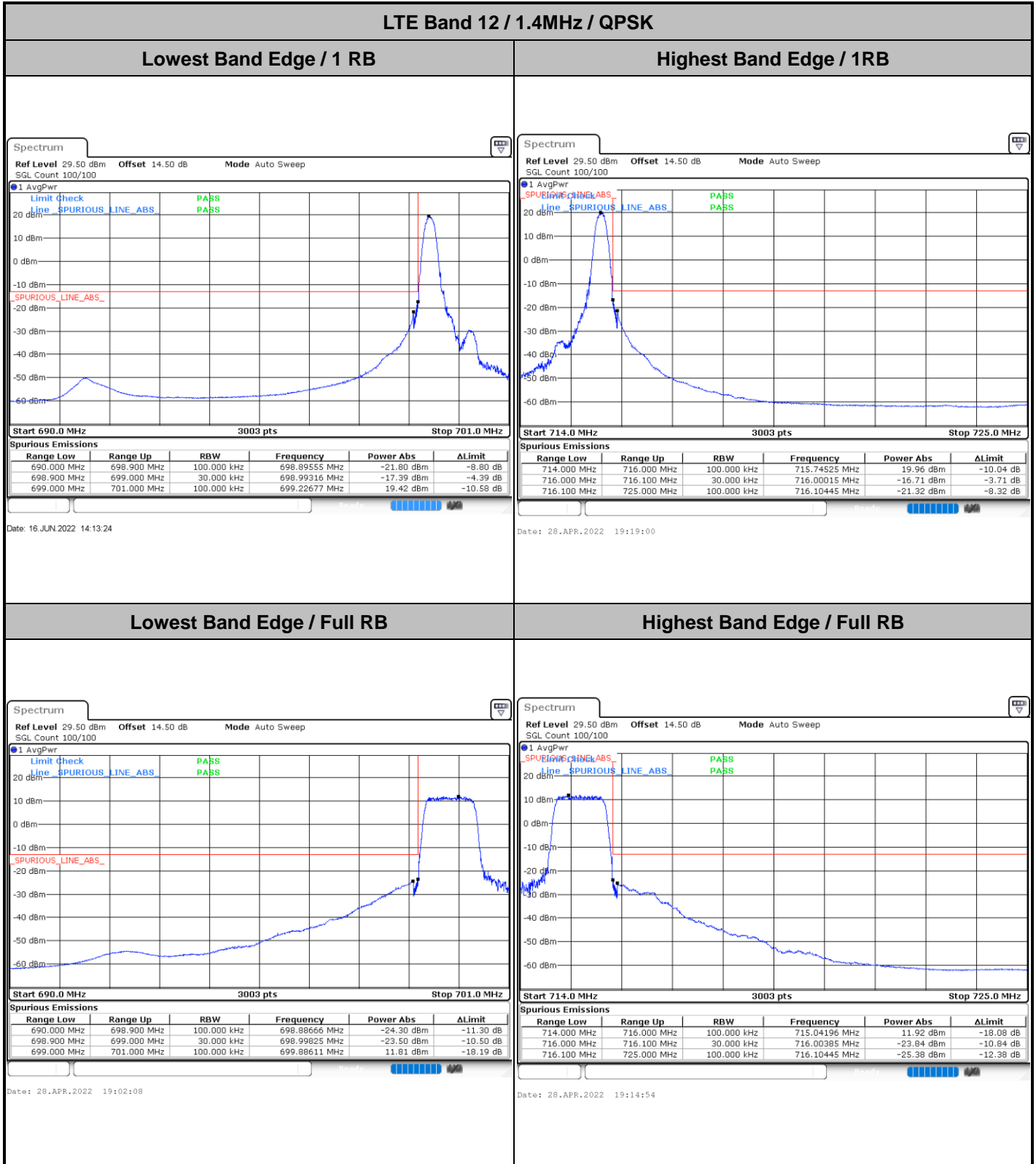
Highest Channel / 10MHz / 64QAM



Date: 28.APR.2022 18:54:21



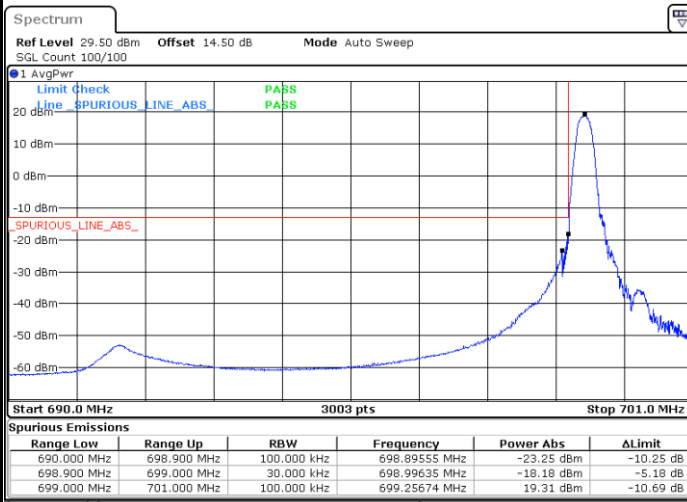
Conducted Band Edge





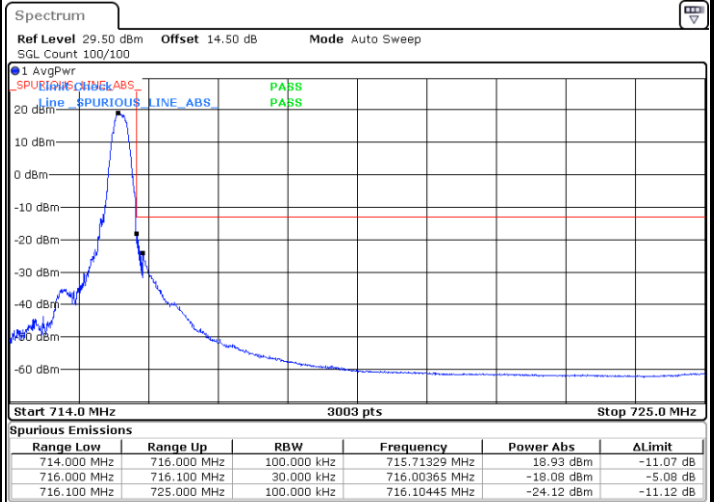
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



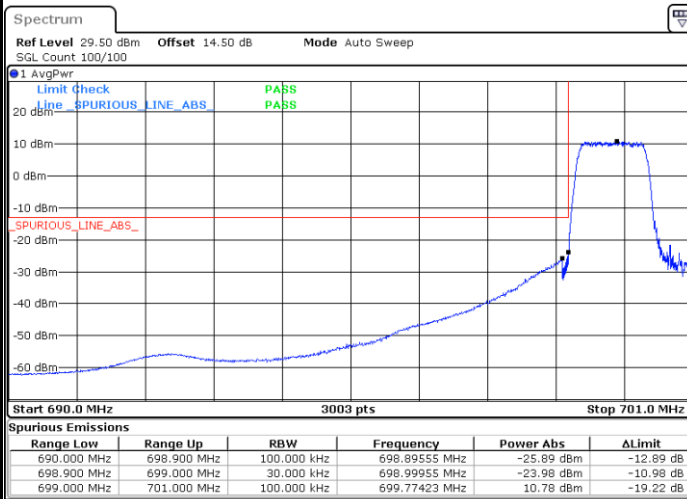
Date: 28.APR.2022 19:04:52

Highest Band Edge / 1 RB



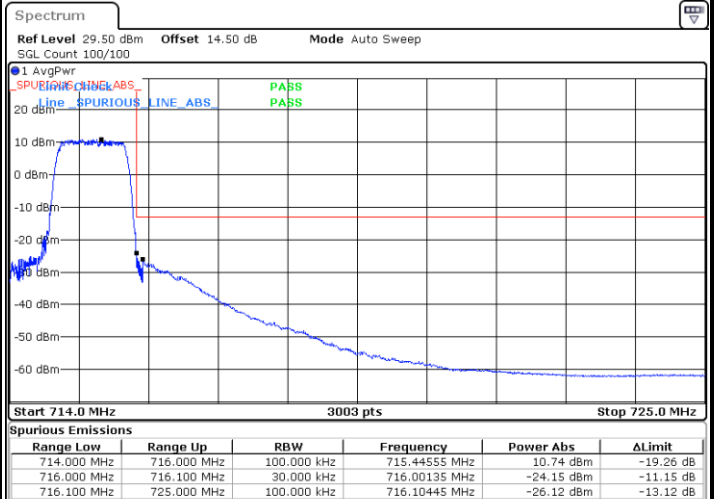
Date: 28.APR.2022 19:17:38

Lowest Band Edge / Full RB



Date: 28.APR.2022 19:03:30

Highest Band Edge / Full RB

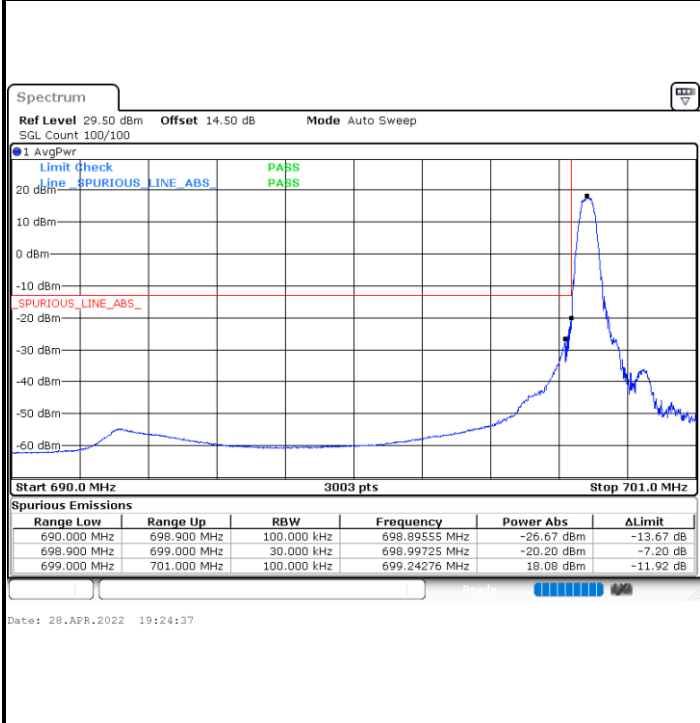


Date: 28.APR.2022 19:16:16

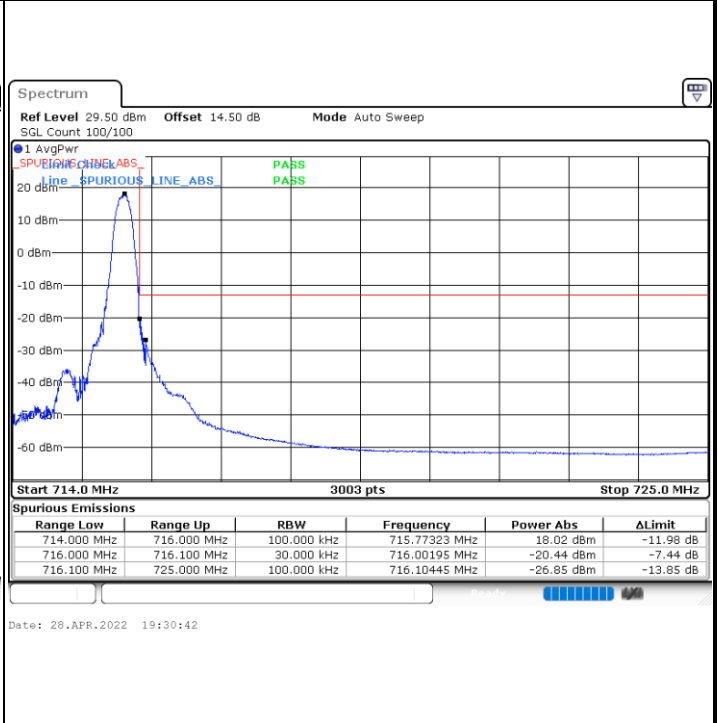


LTE Band 12 / 1.4MHz / 64QAM

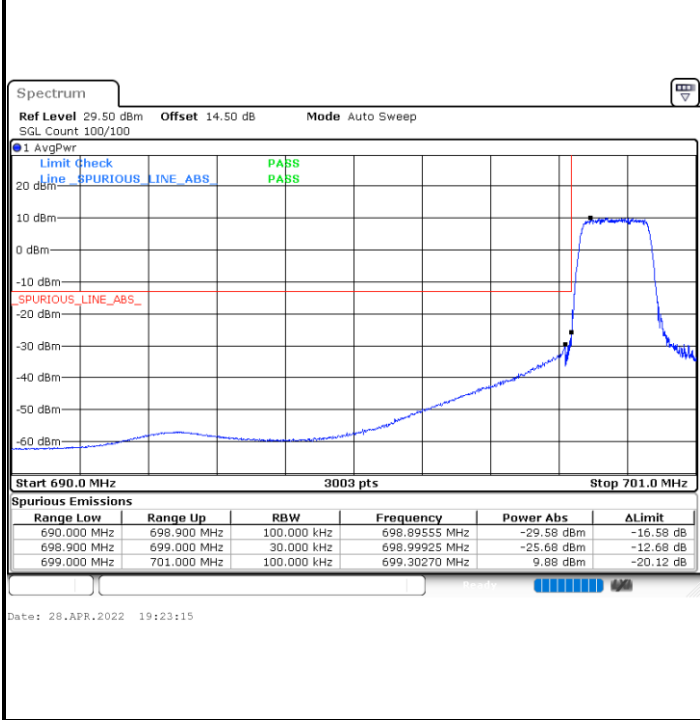
Lowest Band Edge / 1 RB



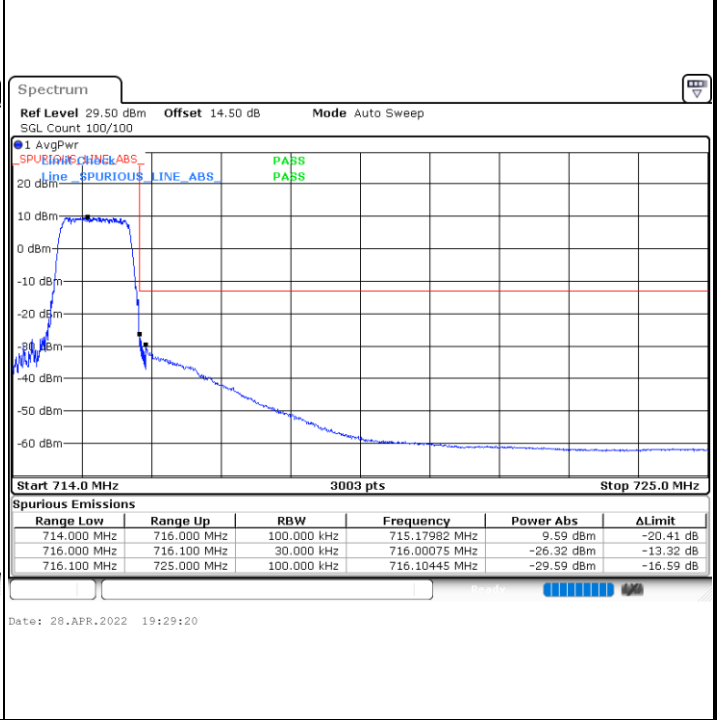
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



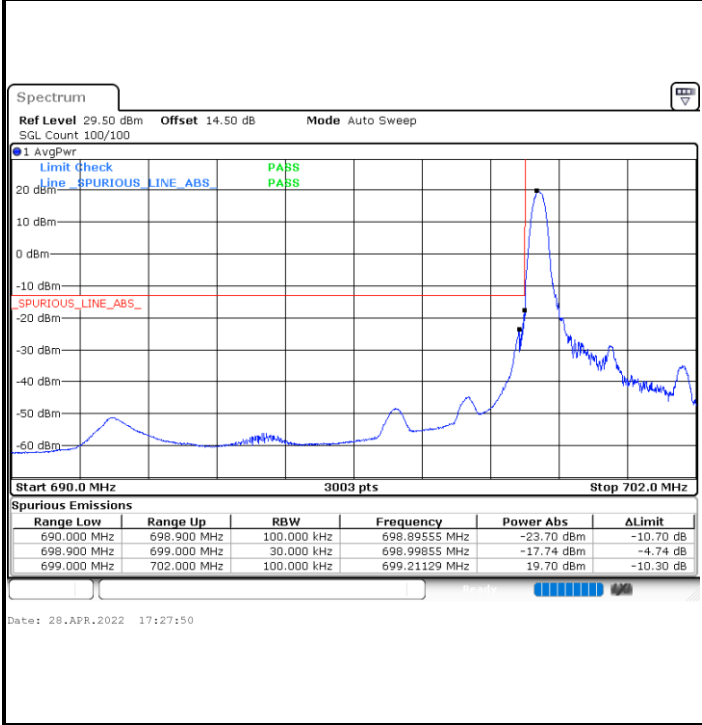
Highest Band Edge / Full RB



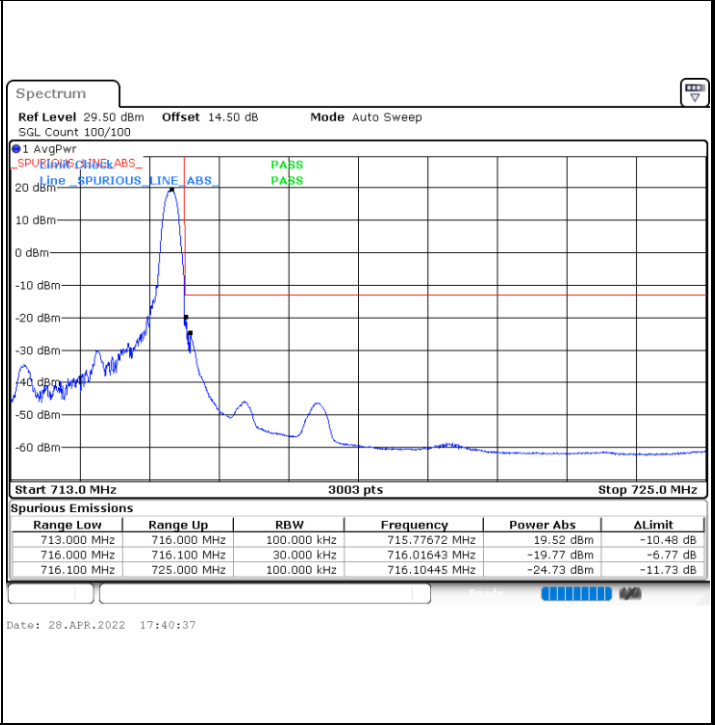


LTE Band 12 / 3MHz / QPSK

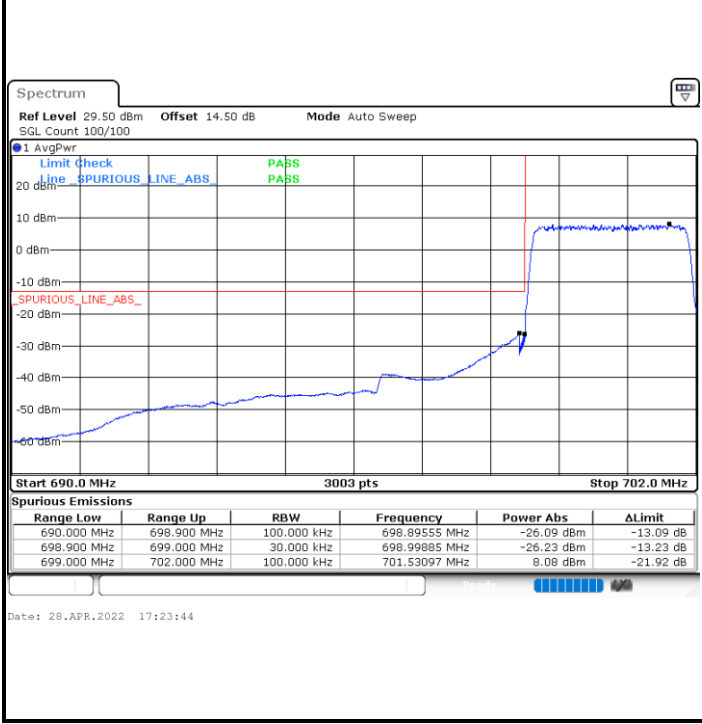
Lowest Band Edge / 1RB



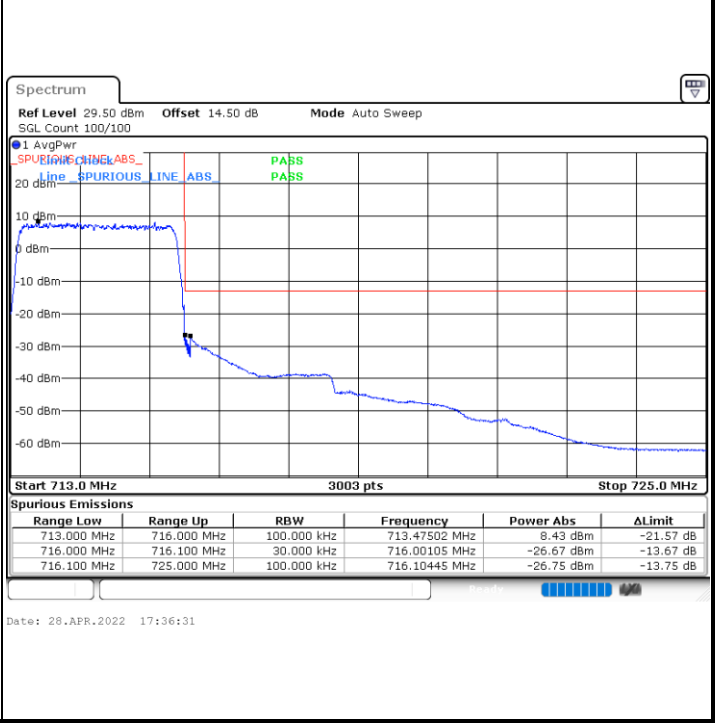
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



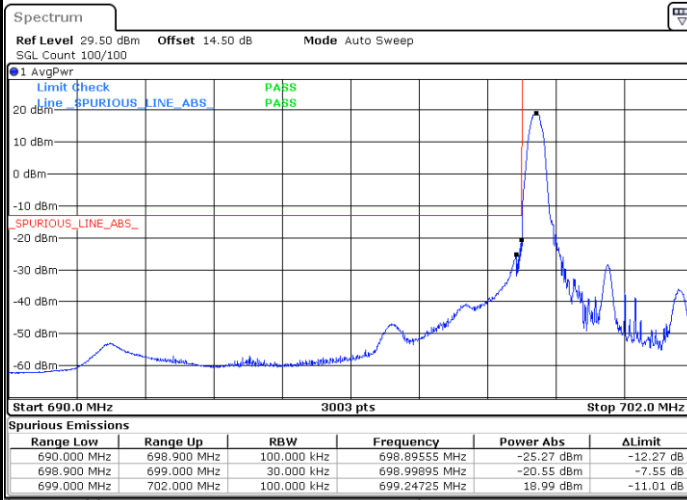
Highest Band Edge / Full RB





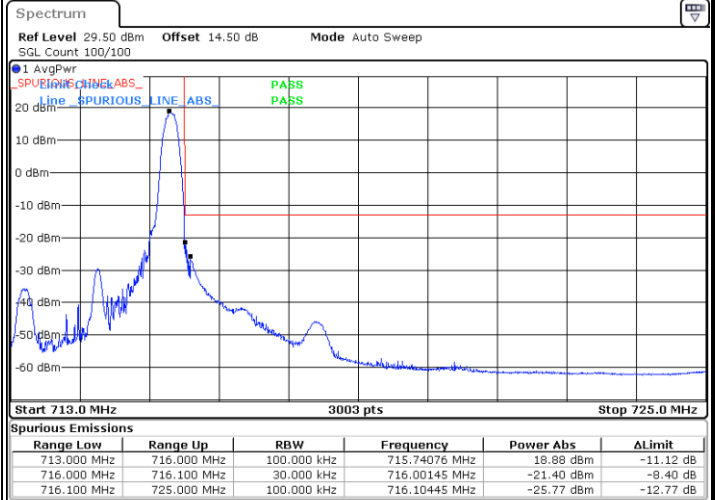
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



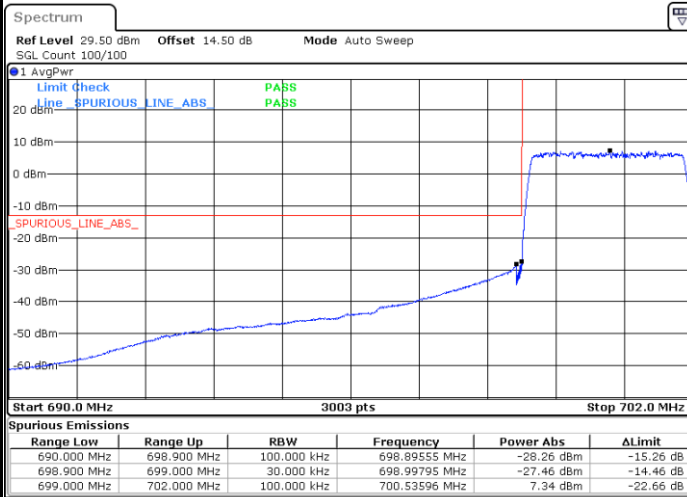
Date: 28.APR.2022 17:26:28

Highest Band Edge / 1 RB



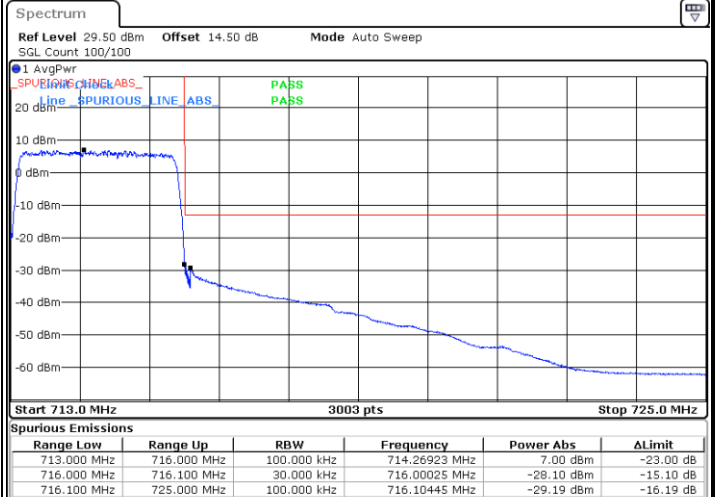
Date: 28.APR.2022 17:39:15

Lowest Band Edge / Full RB



Date: 28.APR.2022 17:25:06

Highest Band Edge / Full RB

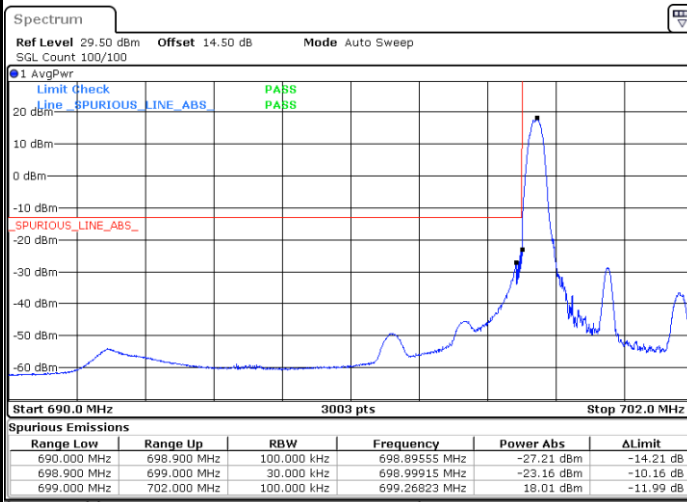


Date: 28.APR.2022 17:37:53



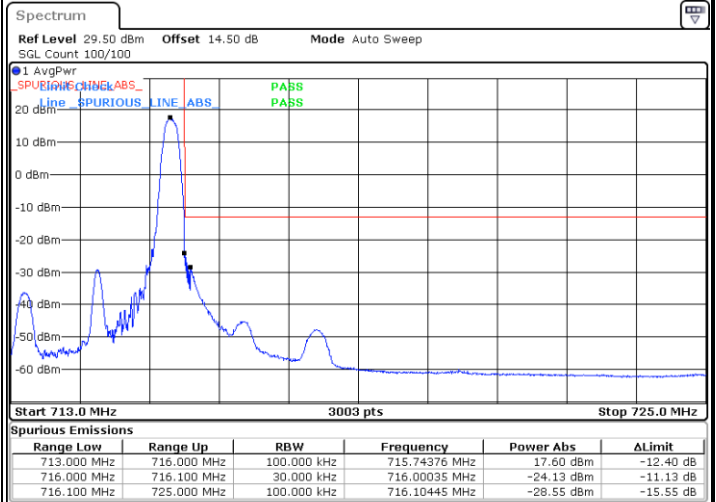
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



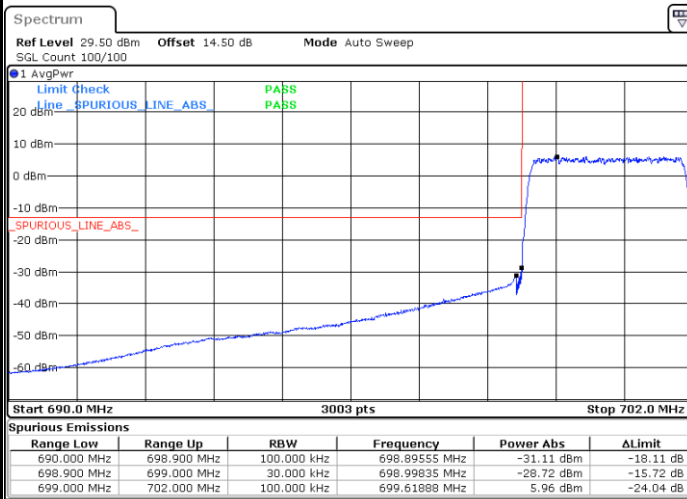
Date: 28.APR.2022 17:46:14

Highest Band Edge / 1 RB



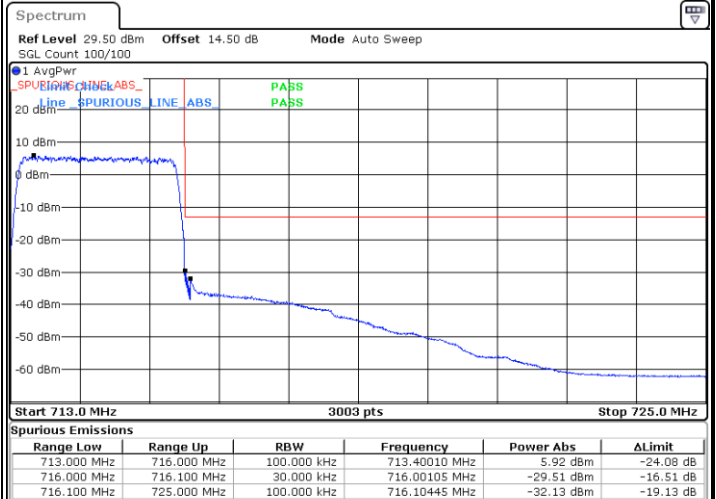
Date: 28.APR.2022 17:52:19

Lowest Band Edge / Full RB



Date: 28.APR.2022 17:44:52

Highest Band Edge / Full RB

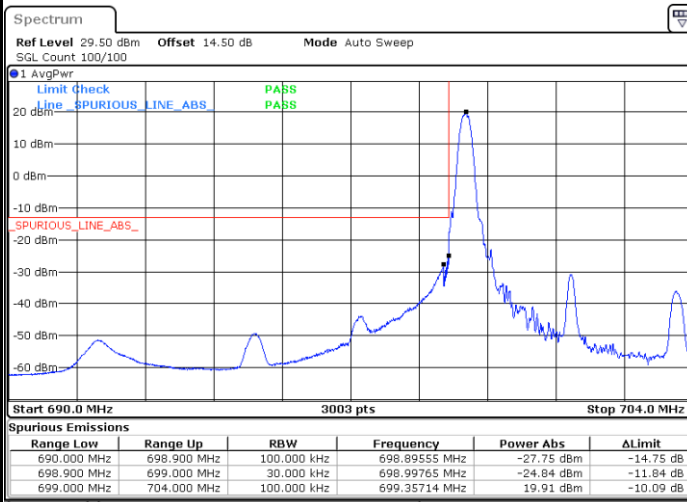


Date: 28.APR.2022 17:50:57



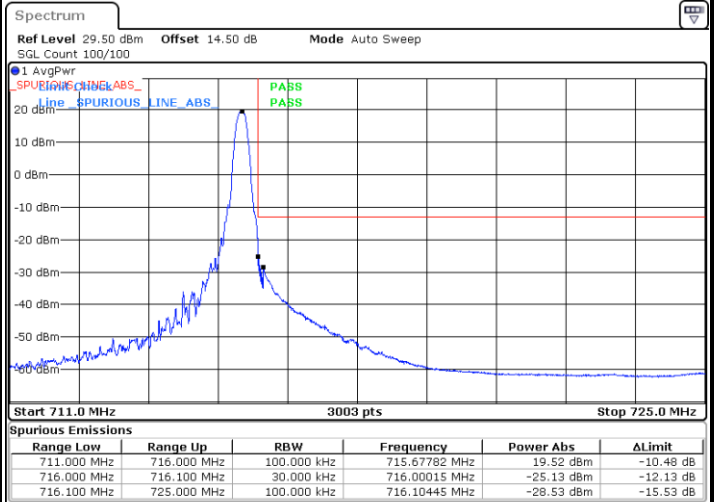
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



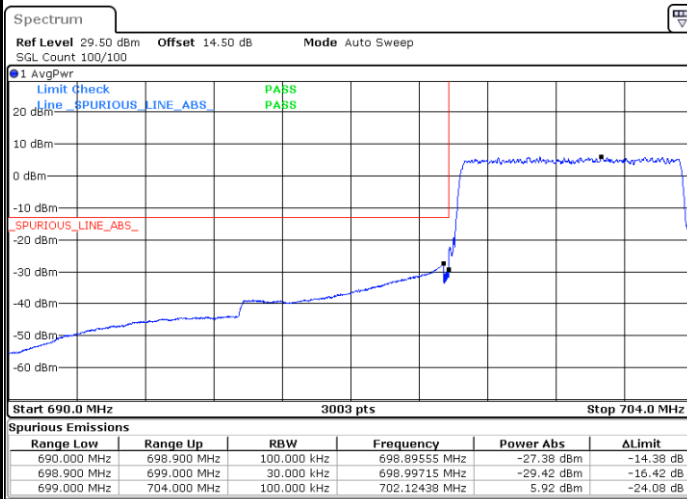
Date: 28.APR.2022 18:10:46

Highest Band Edge / 1 RB



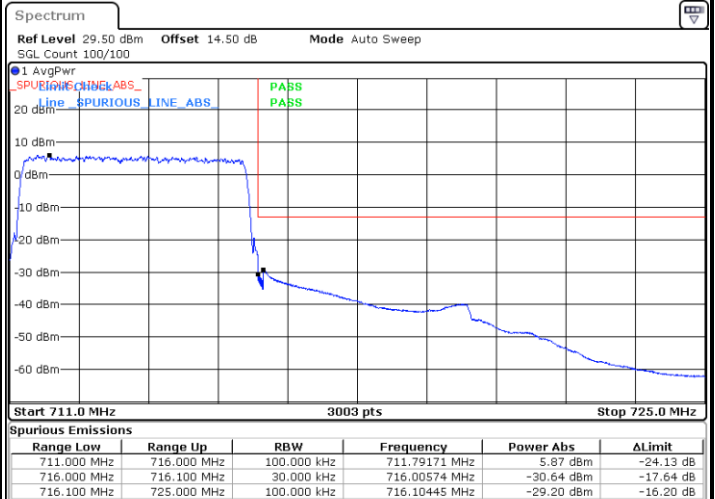
Date: 28.APR.2022 18:22:11

Lowest Band Edge / Full RB



Date: 28.APR.2022 18:06:41

Highest Band Edge / Full RB

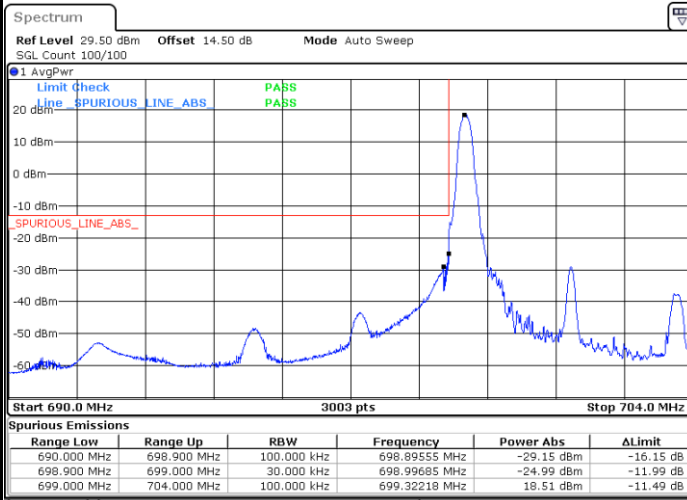


Date: 28.APR.2022 18:19:27



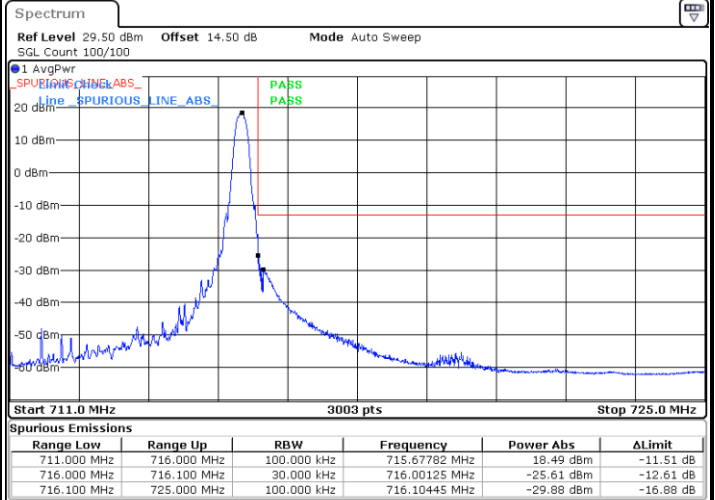
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



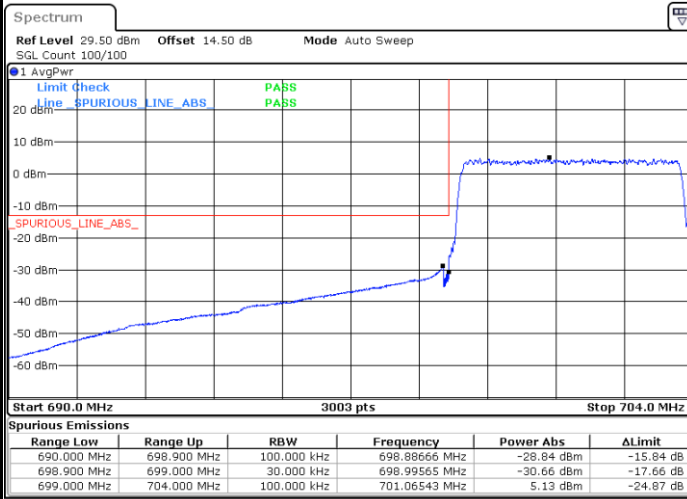
Date: 28.APR.2022 18:09:24

Highest Band Edge / 1 RB



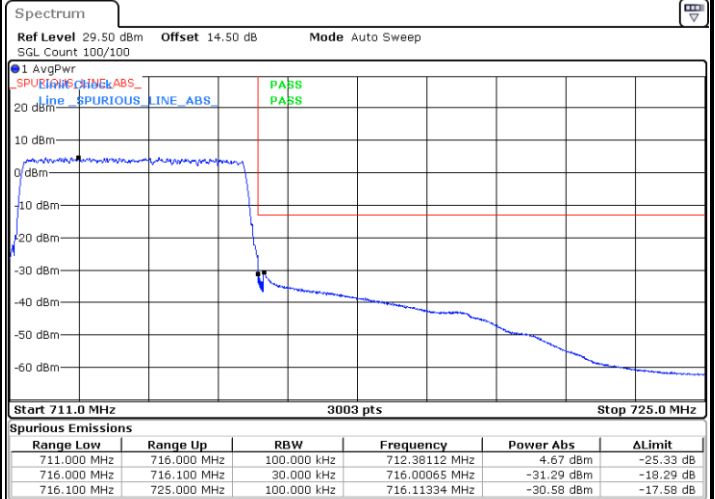
Date: 28.APR.2022 18:23:33

Lowest Band Edge / Full RB



Date: 28.APR.2022 18:08:02

Highest Band Edge / Full RB

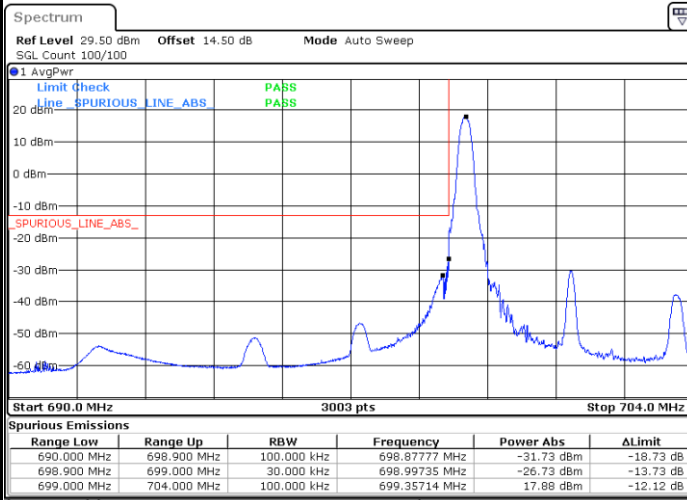


Date: 28.APR.2022 18:20:49



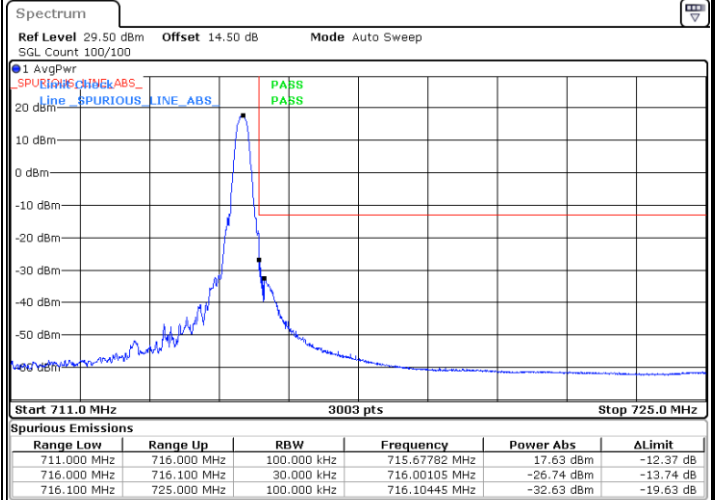
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



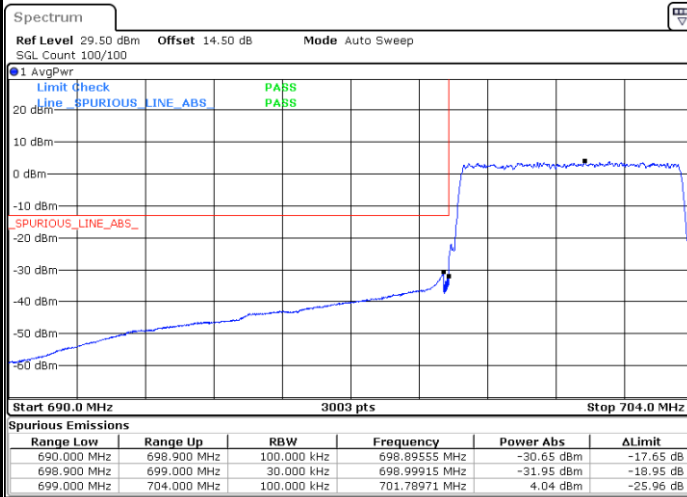
Date: 28.APR.2022 17:56:45

Highest Band Edge / 1 RB



Date: 28.APR.2022 18:02:50

Lowest Band Edge / Full RB



Date: 28.APR.2022 17:55:23

Highest Band Edge / Full RB

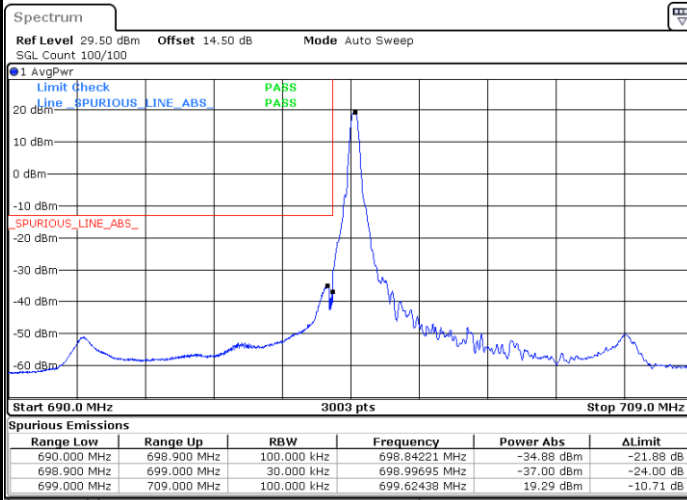


Date: 28.APR.2022 18:01:28



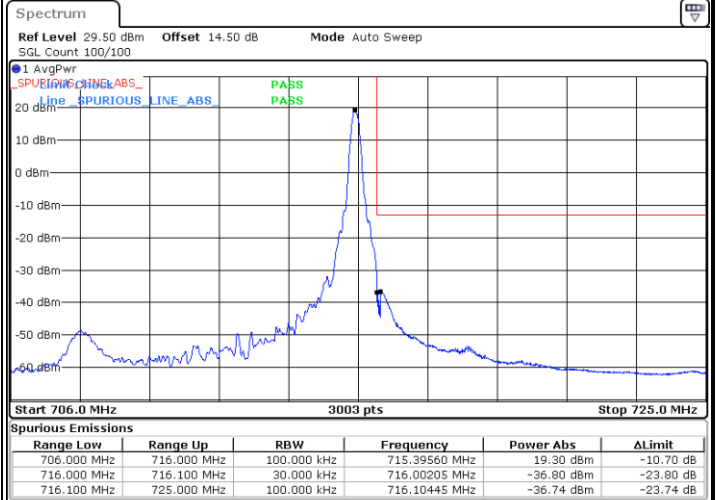
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



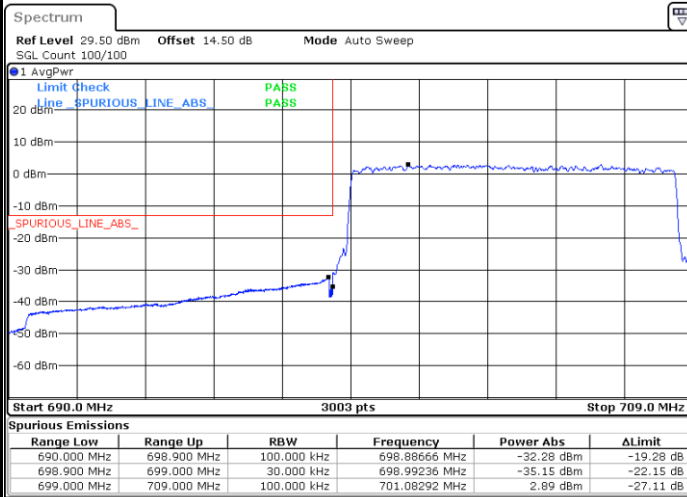
Date: 28.APR.2022 18:32:42

Highest Band Edge / 1 RB



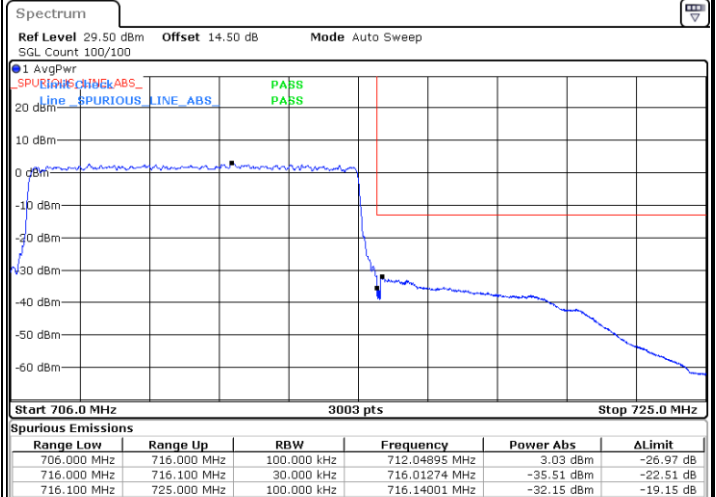
Date: 28.APR.2022 18:45:28

Lowest Band Edge / Full RB



Date: 28.APR.2022 18:28:36

Highest Band Edge / Full RB

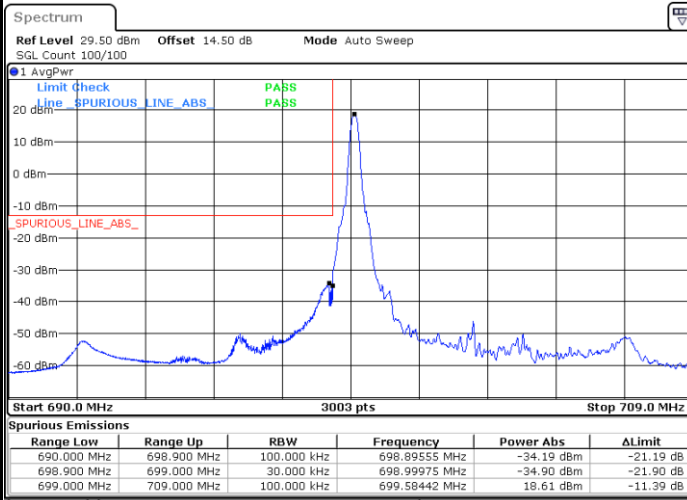


Date: 28.APR.2022 18:41:22



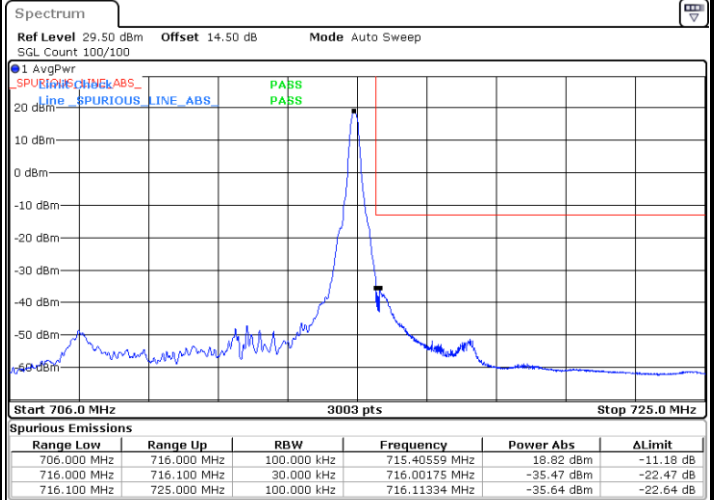
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



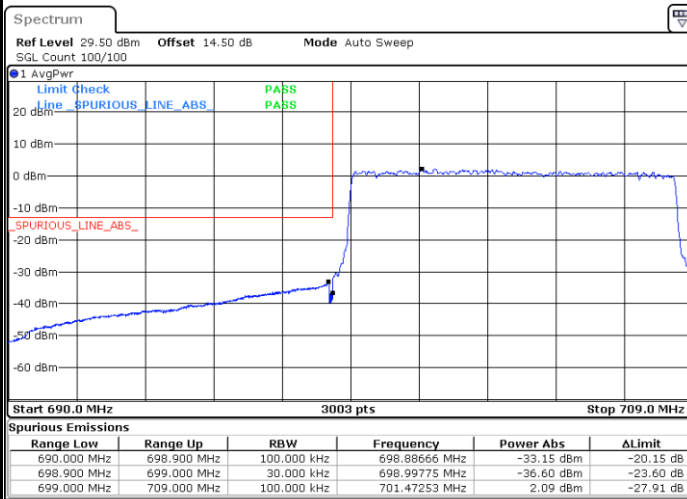
Date: 28.APR.2022 18:31:19

Highest Band Edge / 1 RB



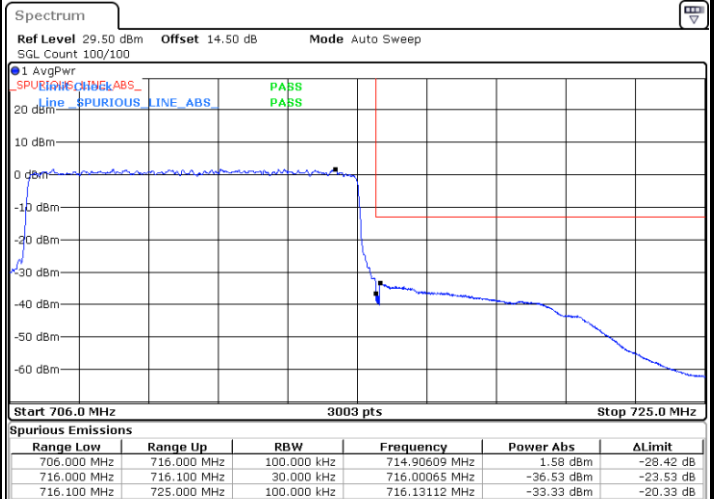
Date: 28.APR.2022 18:44:06

Lowest Band Edge / Full RB



Date: 28.APR.2022 18:29:58

Highest Band Edge / Full RB

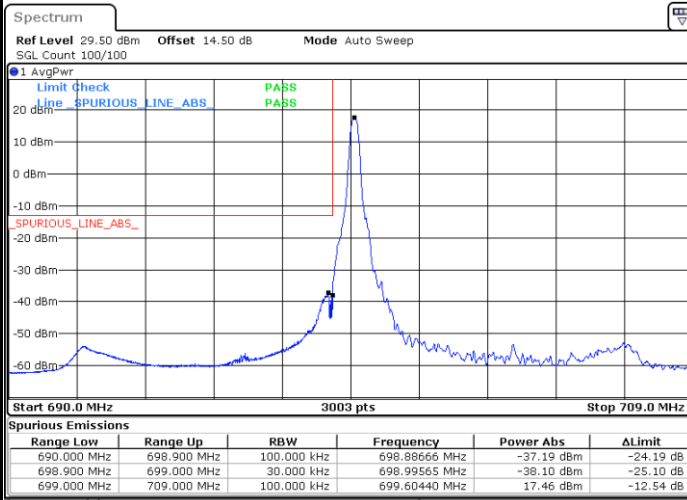


Date: 28.APR.2022 18:42:44



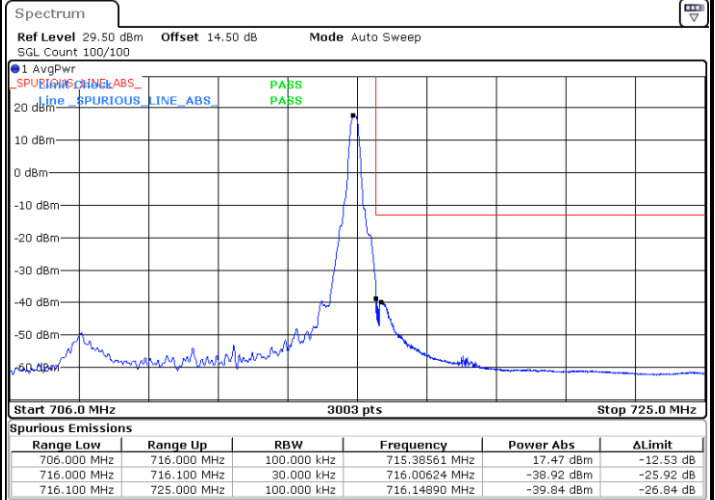
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



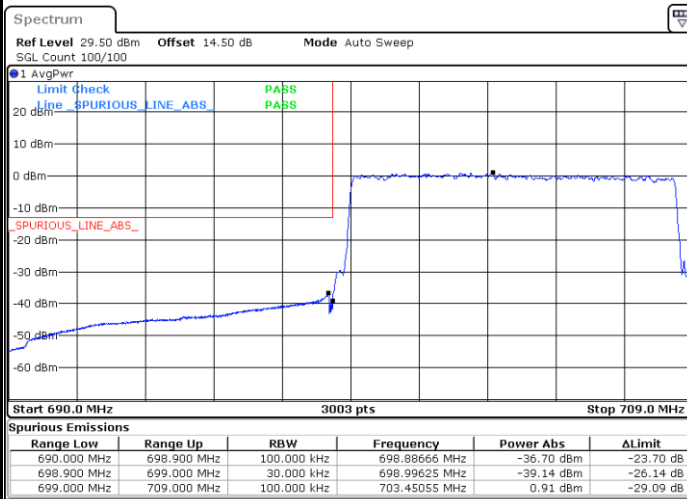
Date: 28.APR.2022 18:51:05

Highest Band Edge / 1 RB



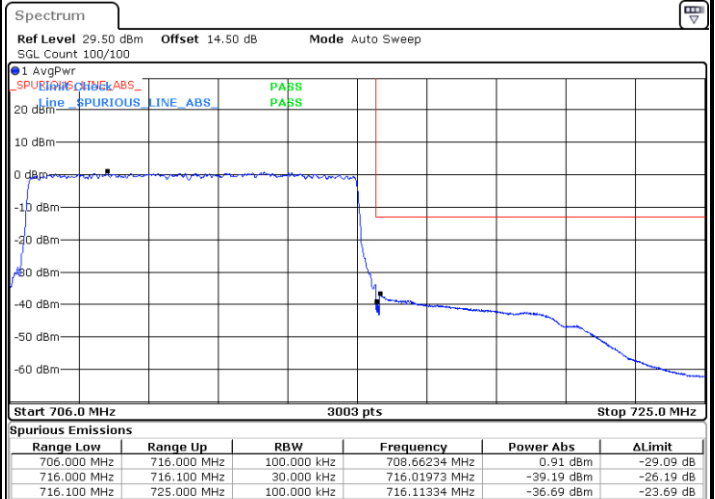
Date: 28.APR.2022 18:57:11

Lowest Band Edge / Full RB



Date: 28.APR.2022 18:49:44

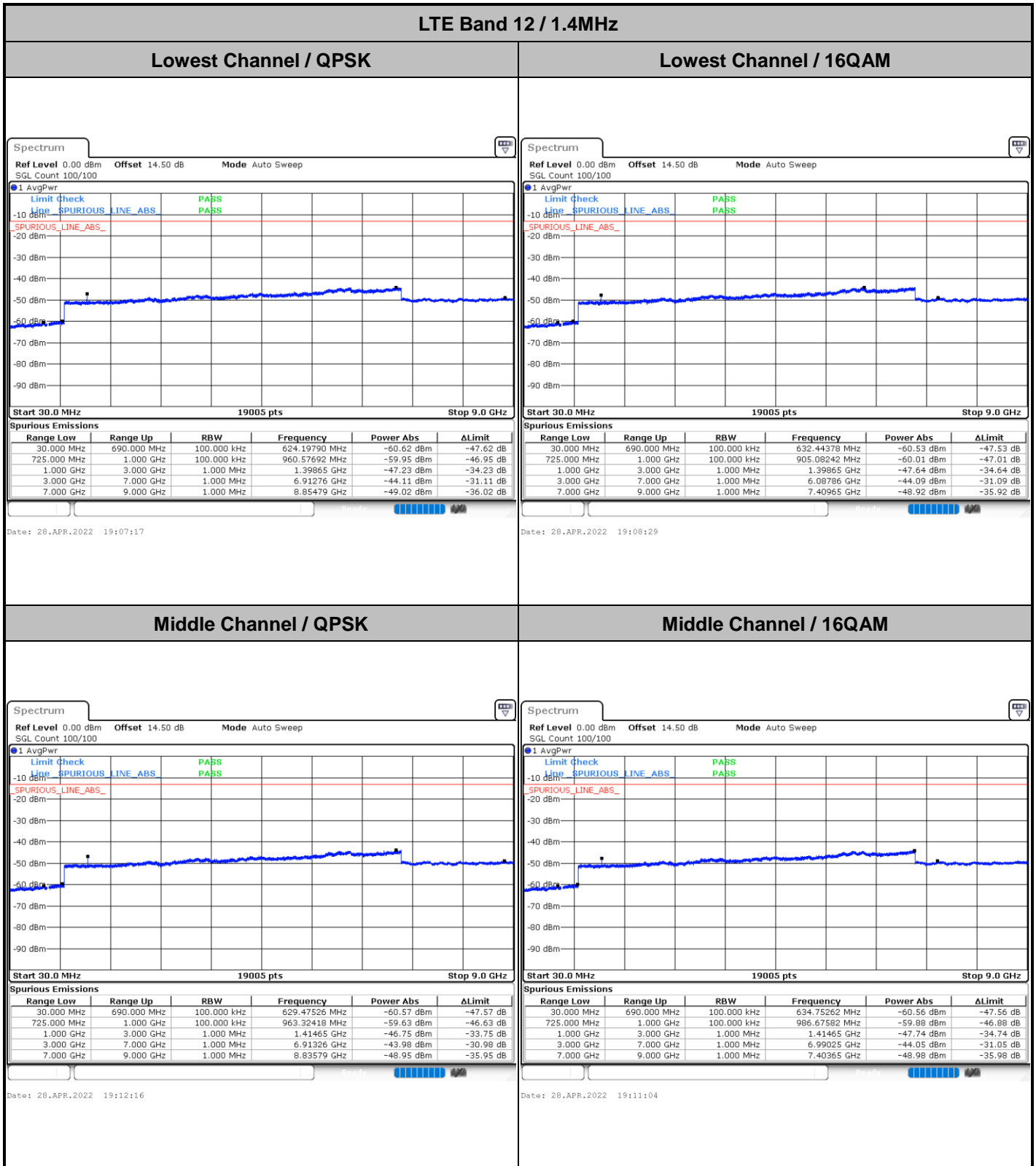
Highest Band Edge / Full RB



Date: 28.APR.2022 18:55:49



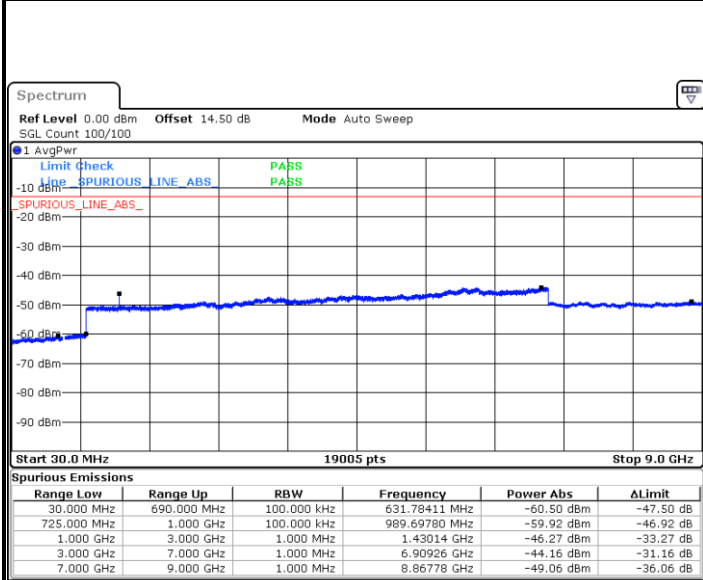
Conducted Spurious Emission





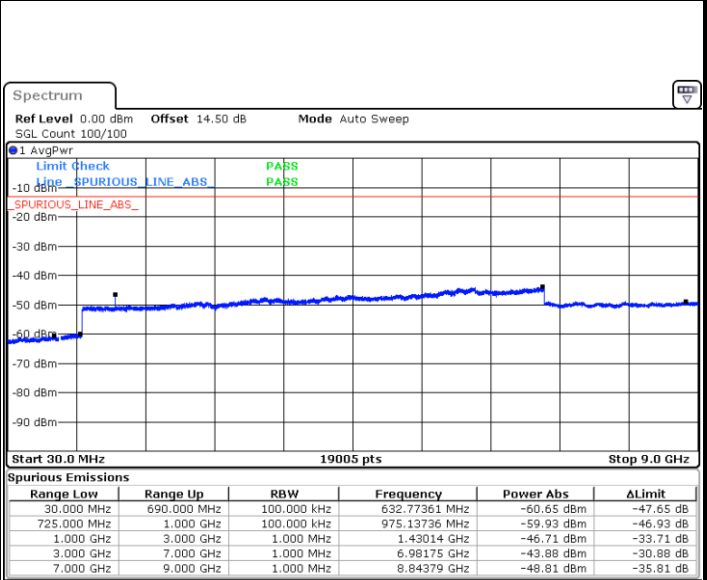
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 28.APR.2022 19:20:12

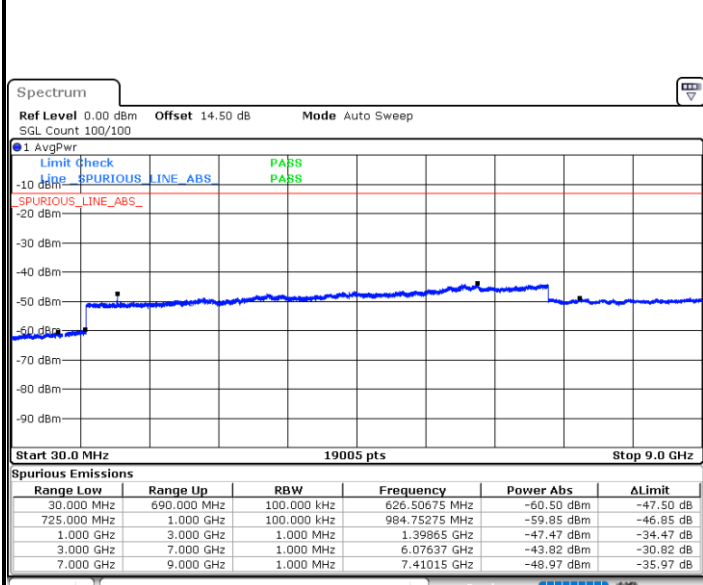
Highest Channel / 16QAM



Date: 28.APR.2022 19:21:24

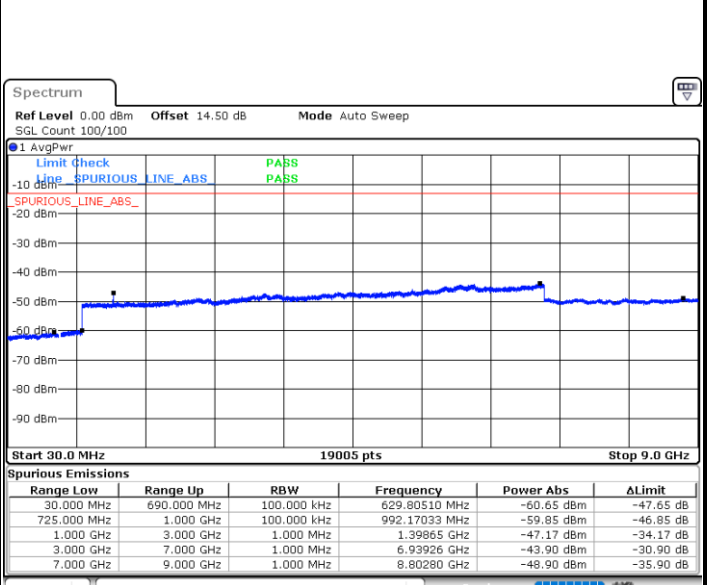
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 28.APR.2022 17:28:53

Lowest Channel / 16QAM

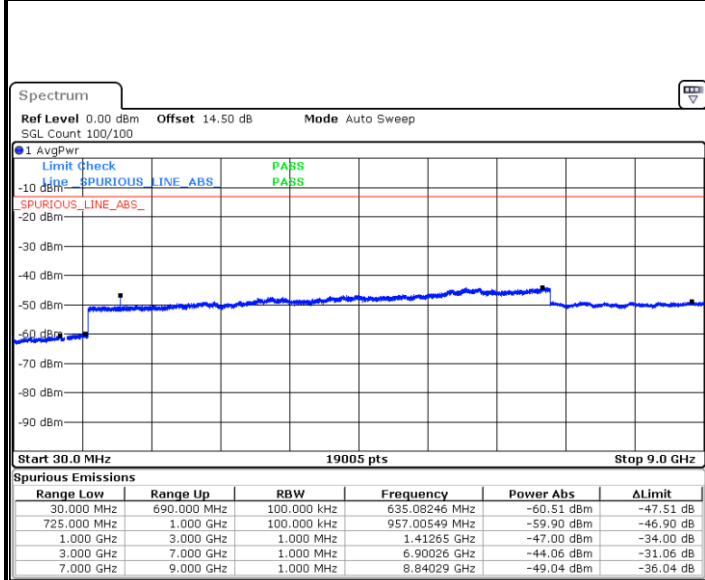


Date: 28.APR.2022 17:30:05



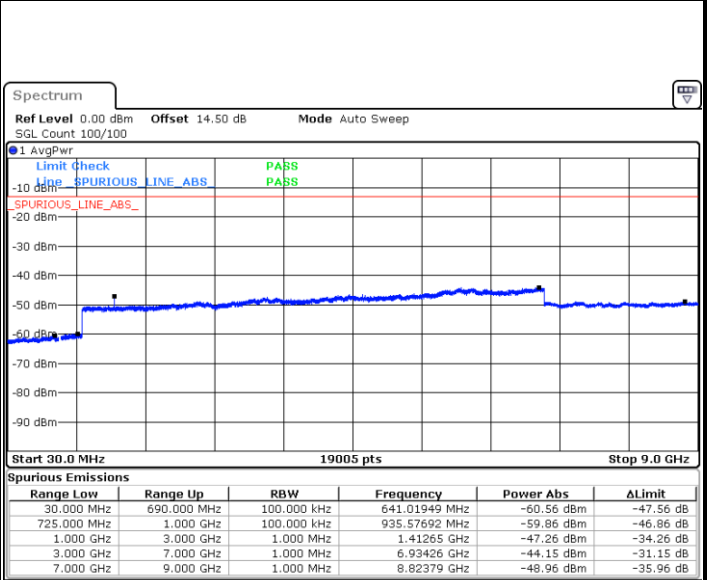
LTE Band 12 / 3MHz

Middle Channel / QPSK



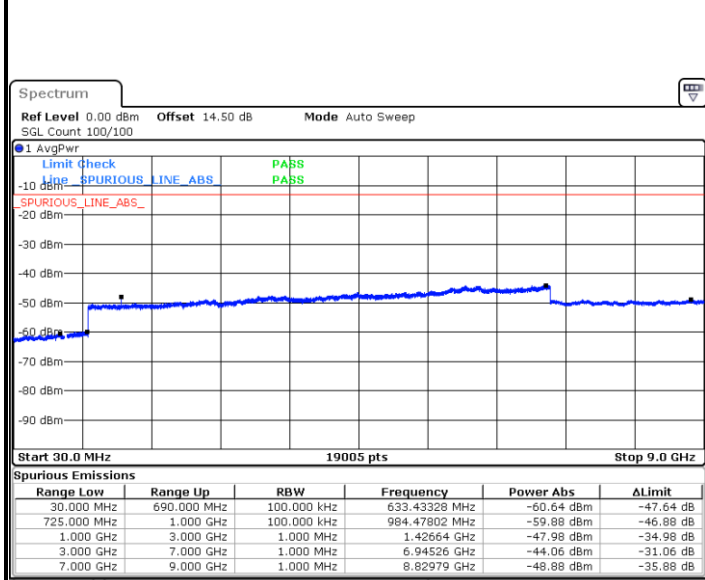
Date: 28.APR.2022 17:33:53

Middle Channel / 16QAM



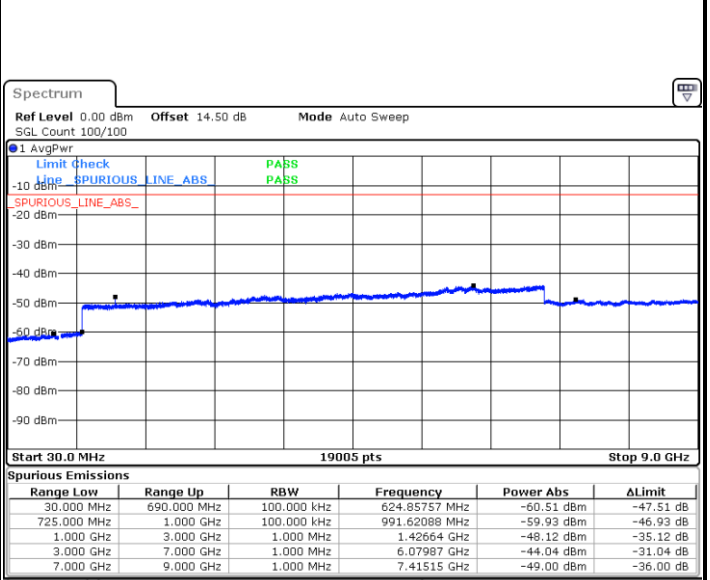
Date: 28.APR.2022 17:32:41

Highest Channel / QPSK



Date: 28.APR.2022 17:41:49

Highest Channel / 16QAM

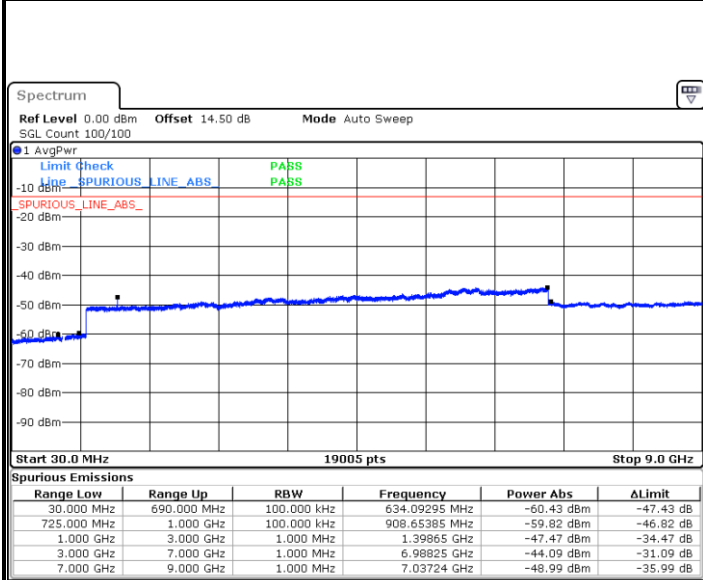


Date: 28.APR.2022 17:43:01



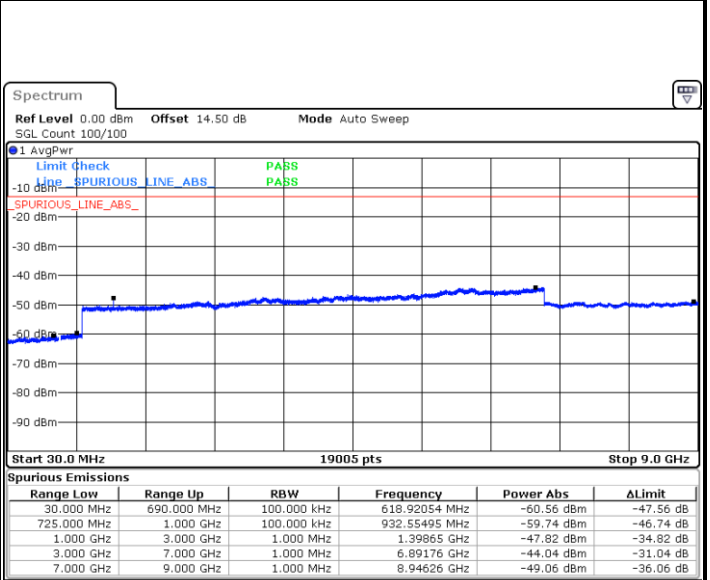
LTE Band 12 / 5MHz

Lowest Channel / QPSK



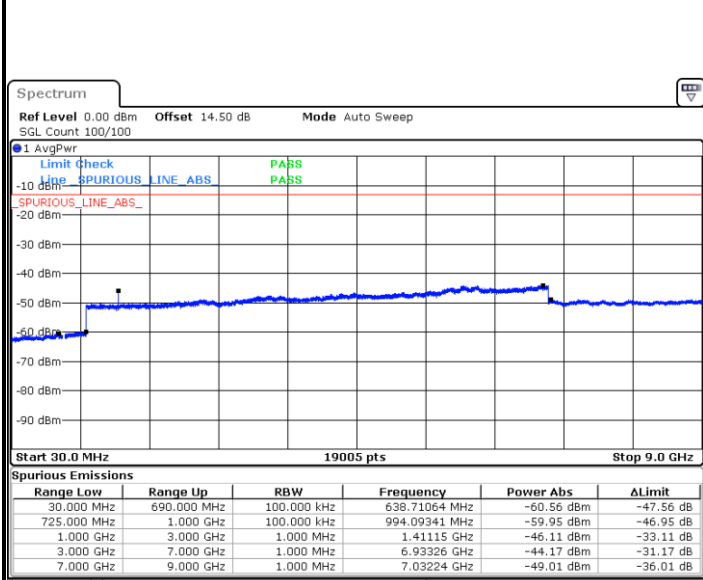
Date: 28.APR.2022 18:11:49

Lowest Channel / 16QAM



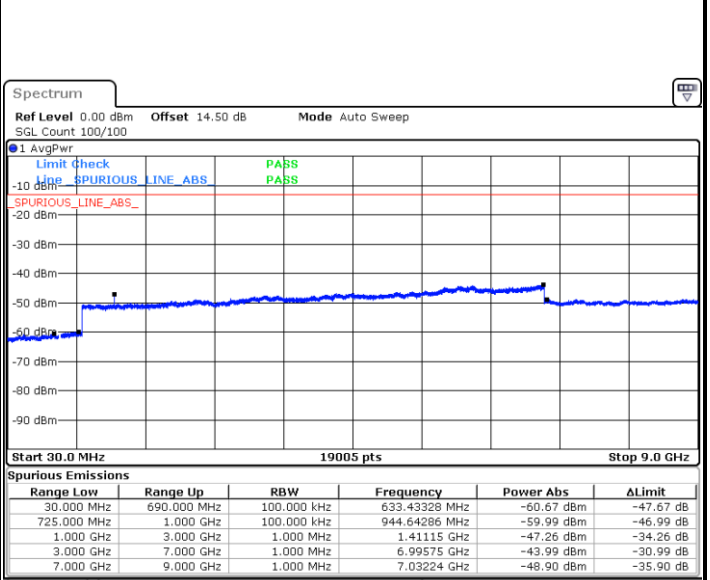
Date: 28.APR.2022 18:13:01

Middle Channel / QPSK



Date: 28.APR.2022 18:16:48

Middle Channel / 16QAM

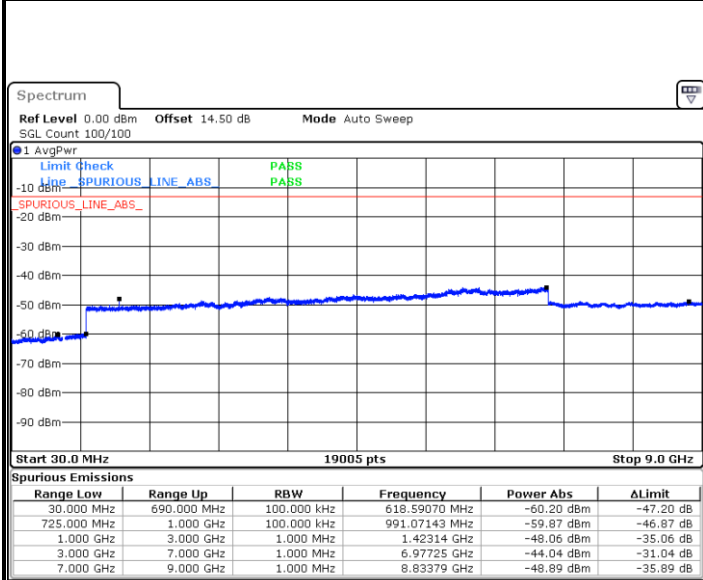


Date: 28.APR.2022 18:15:37



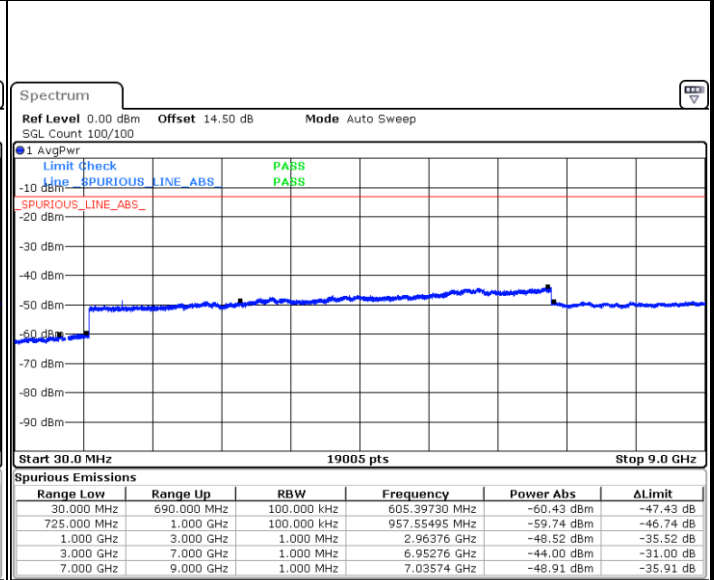
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 28.APR.2022 18:25:57

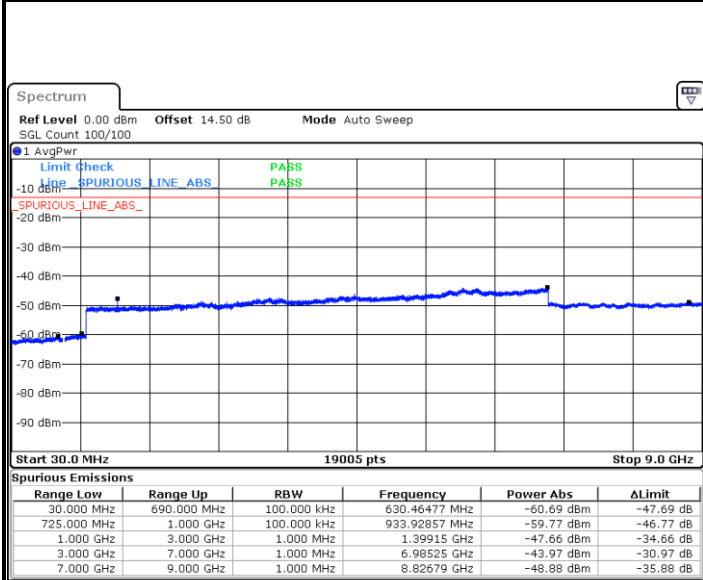
Highest Channel / 16QAM



Date: 28.APR.2022 18:24:45

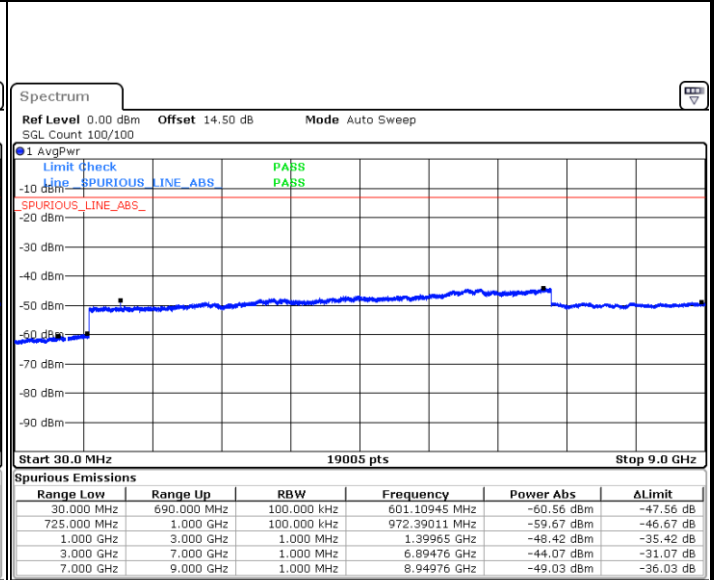
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 28.APR.2022 18:33:44

Lowest Channel / 16QAM



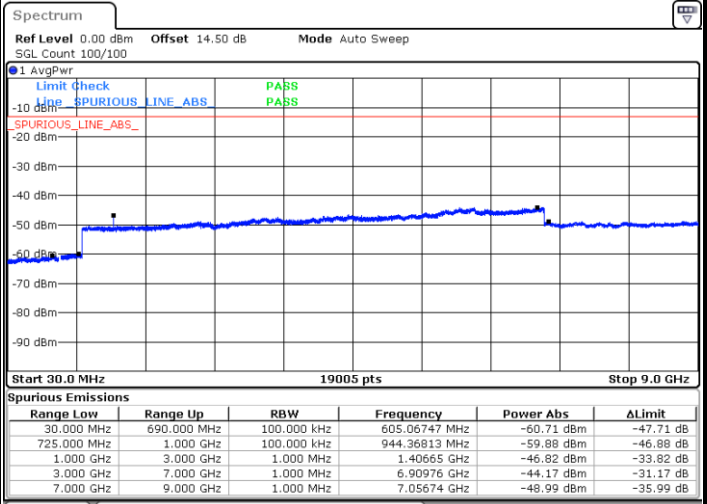
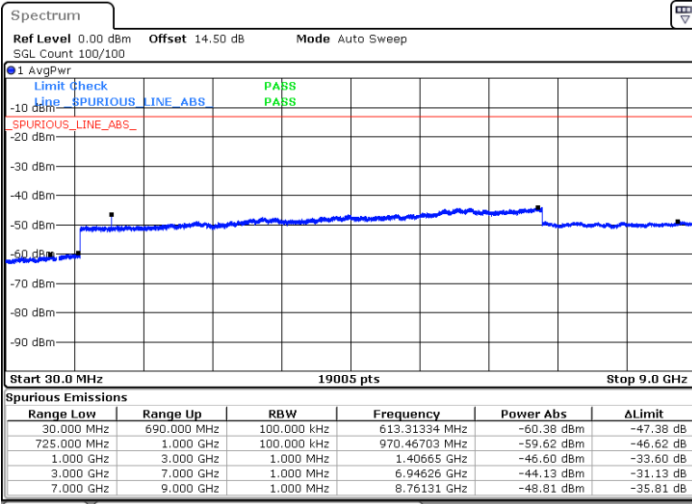
Date: 28.APR.2022 18:34:57



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

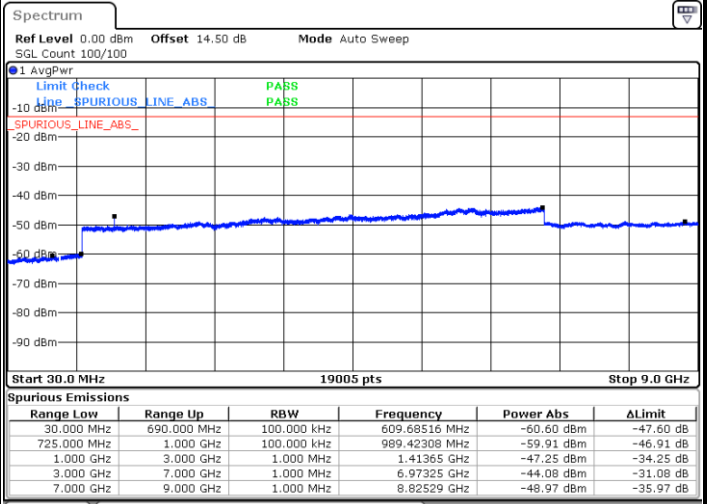
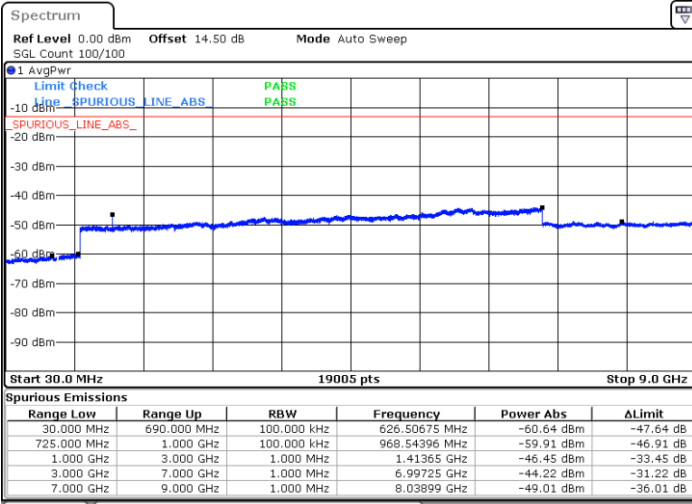


Date: 28.APR.2022 18:38:44

Date: 28.APR.2022 18:37:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.APR.2022 18:46:40

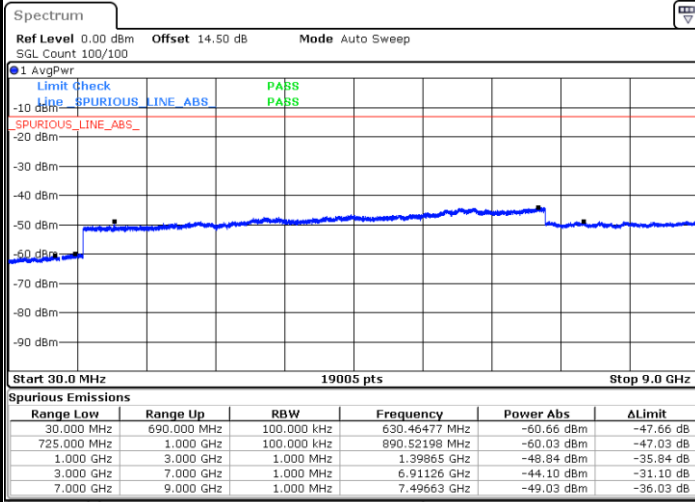
Date: 28.APR.2022 18:47:52



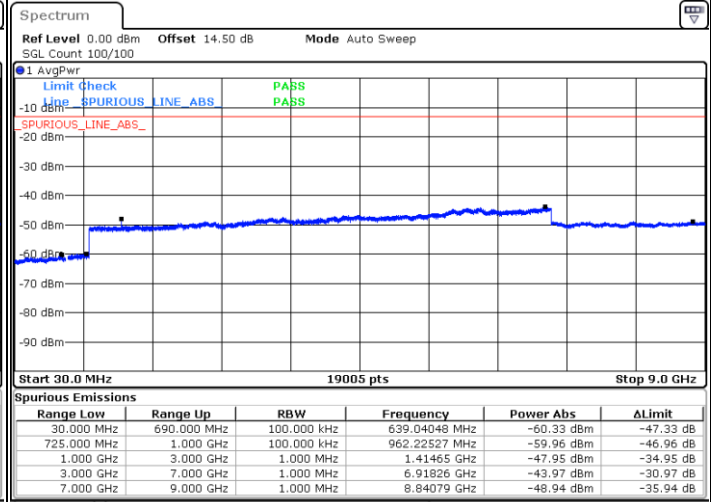
LTE Band 12 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

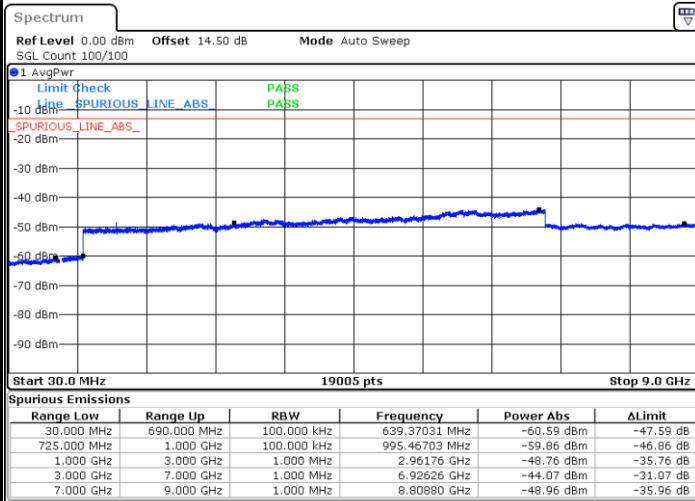


Date: 28.APR.2022 19:25:40



Date: 28.APR.2022 19:27:29

Highest Channel / 64QAM



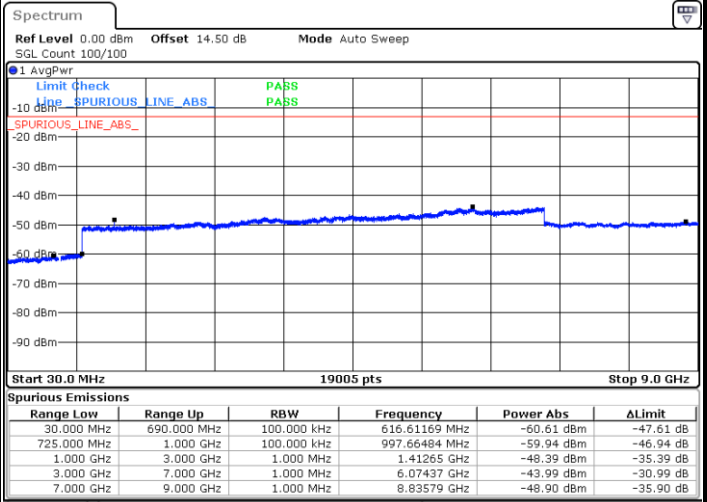
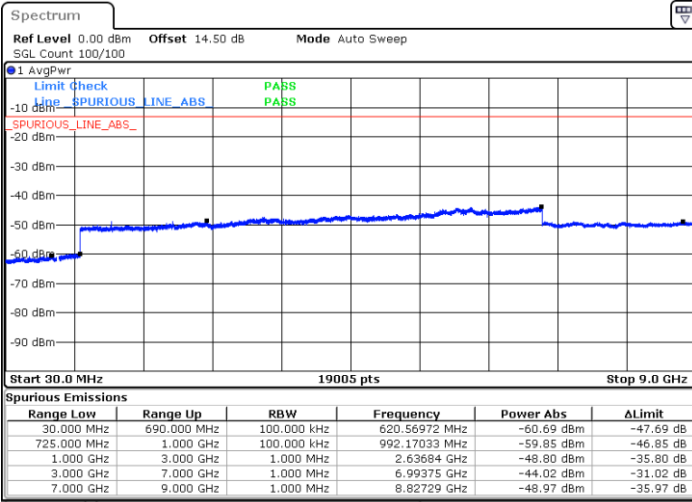
Date: 28.APR.2022 19:31:55



LTE Band 12 / 3MHz

Lowest Channel / 64QAM

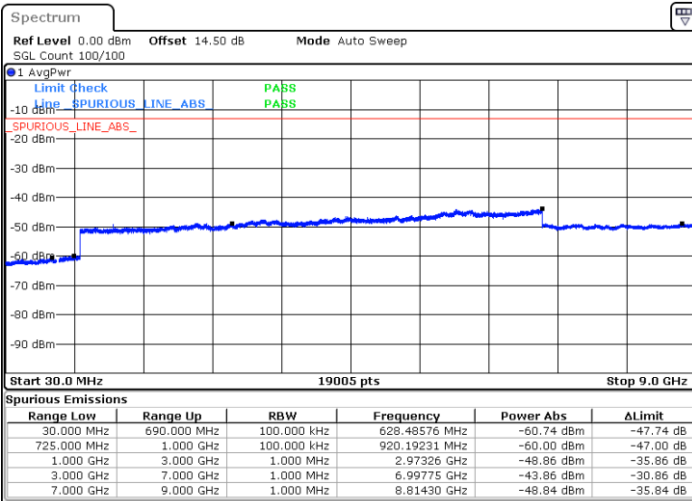
Middle Channel / 64QAM



Date: 28.APR.2022 17:47:17

Date: 28.APR.2022 17:49:07

Highest Channel / 64QAM



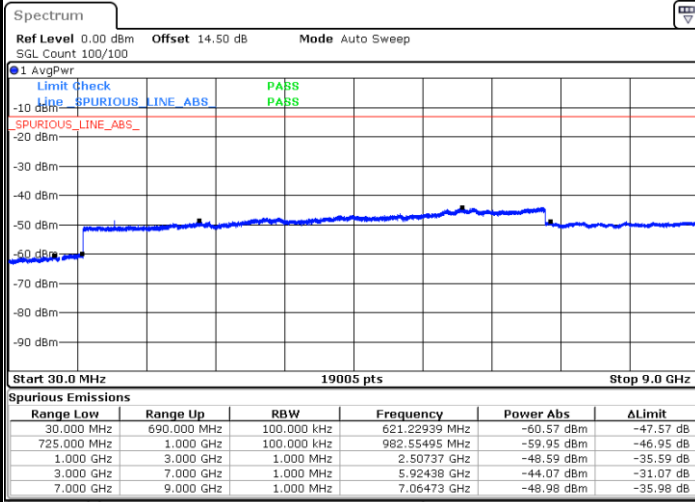
Date: 28.APR.2022 17:53:31



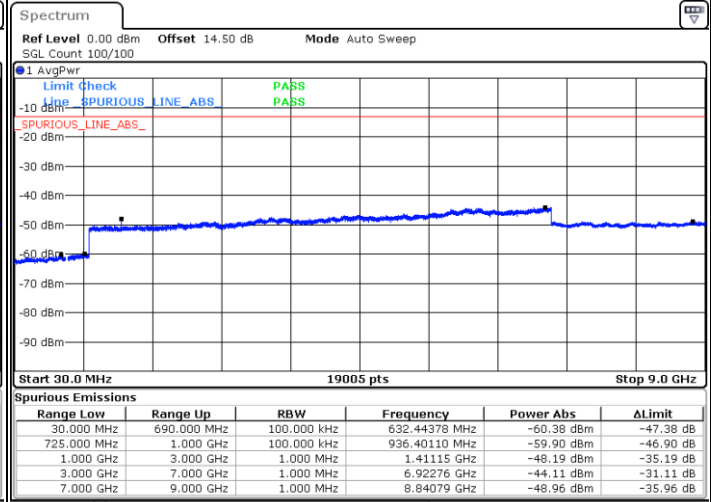
LTE Band 12 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

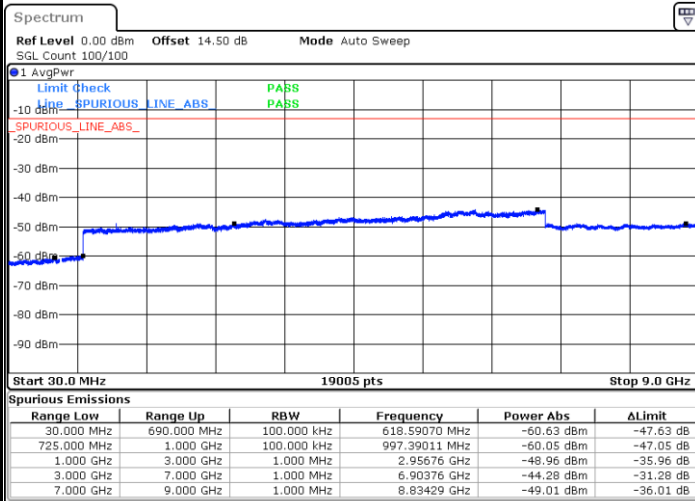


Date: 28.APR.2022 17:57:48



Date: 28.APR.2022 17:59:37

Highest Channel / 64QAM



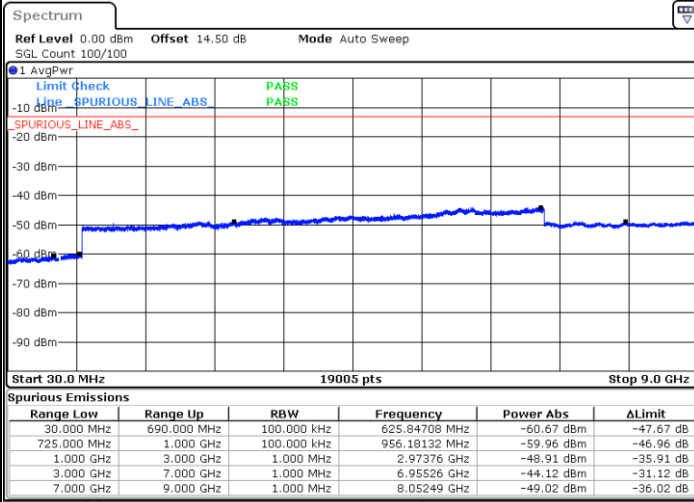
Date: 28.APR.2022 18:04:02



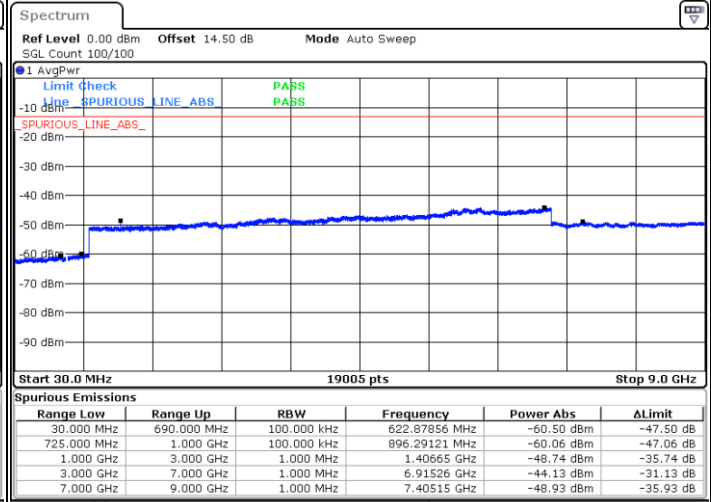
LTE Band 12 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

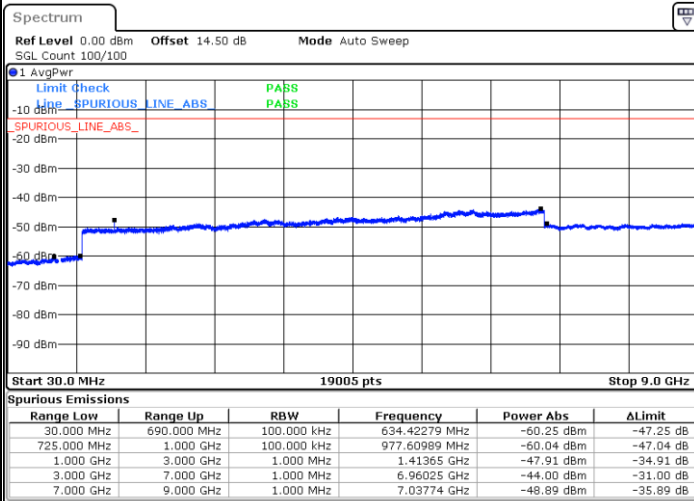


Date: 28.APR.2022 18:52:08



Date: 28.APR.2022 18:53:58

Highest Channel / 64QAM



Date: 28.APR.2022 18:58:23



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0089	PASS
40	Normal Voltage	0.0102	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0130	
-10	Normal Voltage	0.0098	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0109	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.65V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

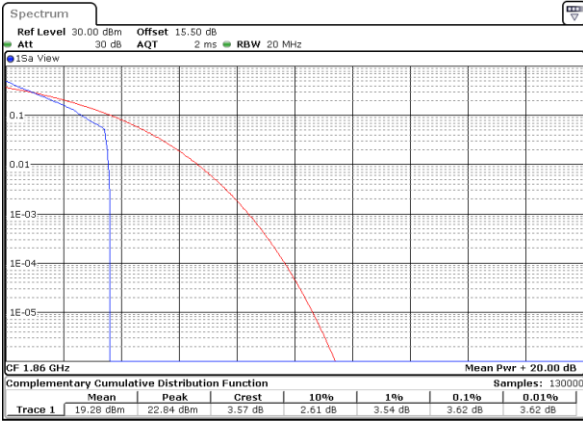
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	4.58	4.32	5.77	PASS
Middle CH	3.57	4.52	4.46	5.68	
Highest CH	3.65	4.67	4.35	5.80	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.36	6.38	-	-	PASS
Middle CH	5.39	6.29	-	-	
Highest CH	5.68	6.41	-	-	



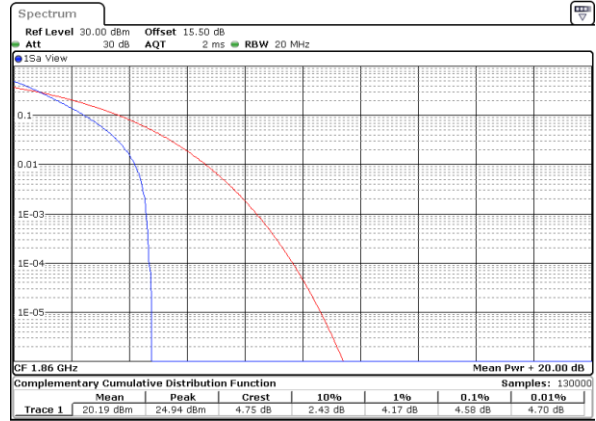
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



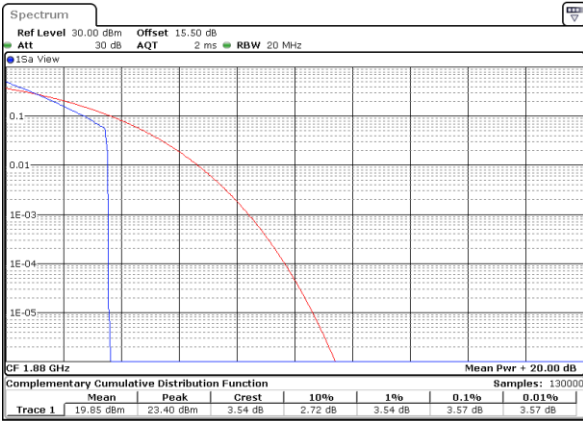
Date: 2,MAY,2022 13:34:14

Lowest Channel / Full RB



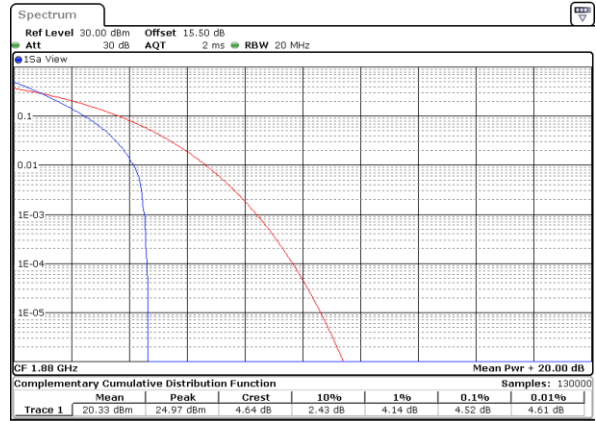
Date: 2,MAY,2022 13:34:39

Middle Channel / 1RB



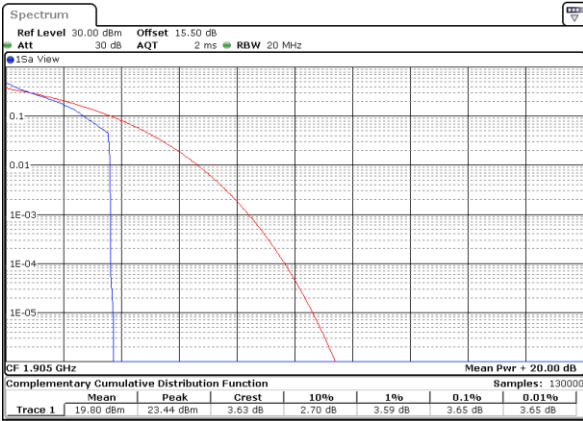
Date: 2,MAY,2022 13:35:54

Middle Channel / Full RB



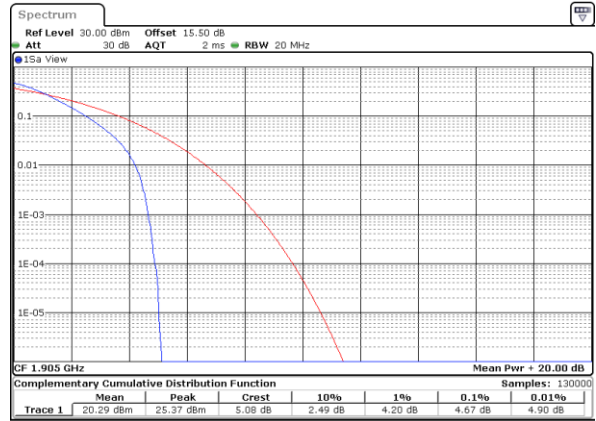
Date: 2,MAY,2022 13:36:19

Highest Channel / 1RB



Date: 2,MAY,2022 13:37:34

Highest Channel / Full RB

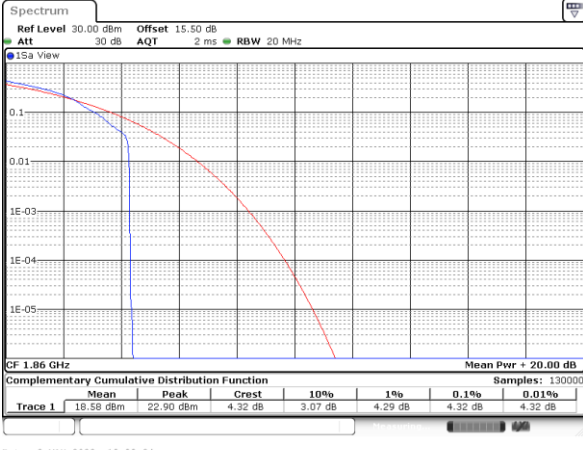


Date: 2,MAY,2022 13:37:59



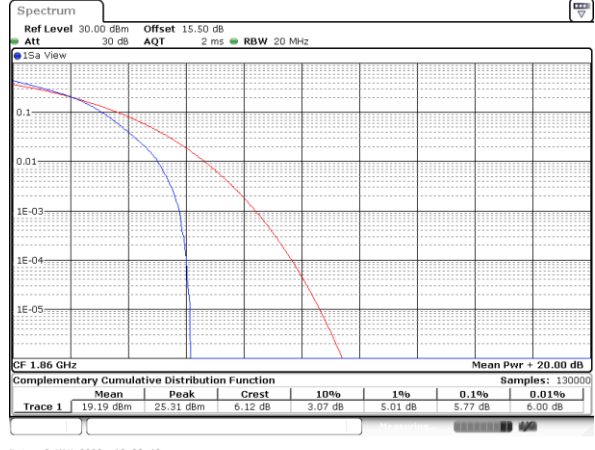
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



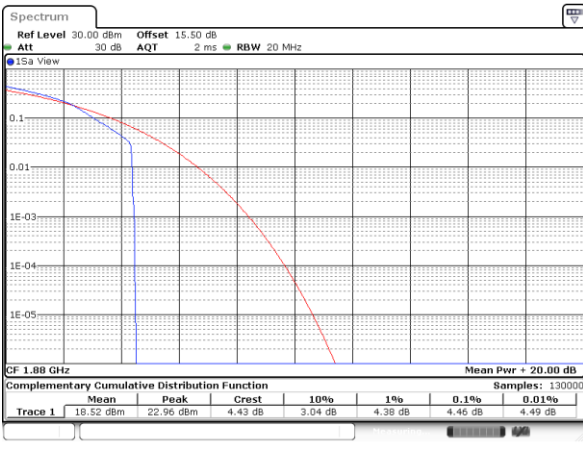
Date: 2,MAY,2022 13:33:24

Lowest Channel / Full RB



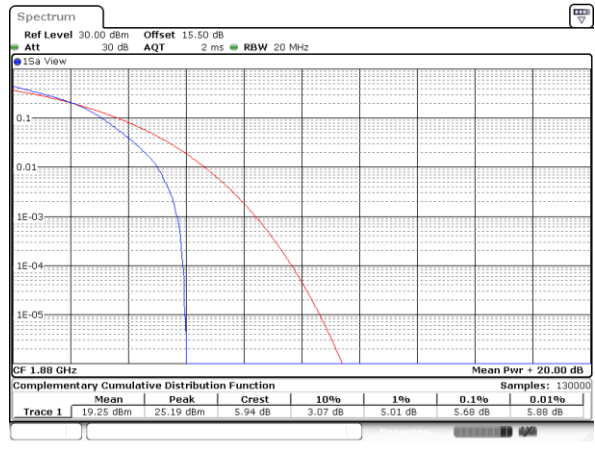
Date: 2,MAY,2022 13:33:49

Middle Channel / 1RB



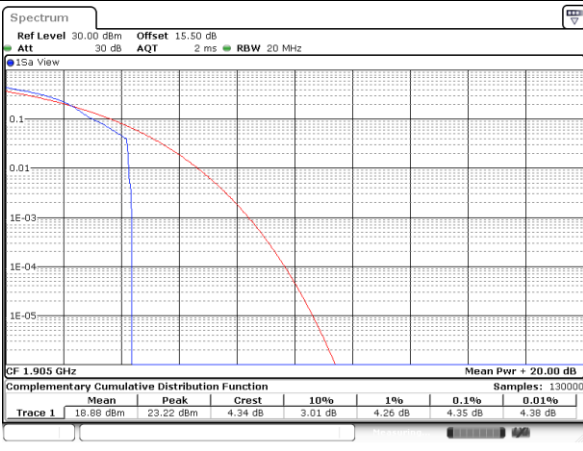
Date: 2,MAY,2022 13:35:04

Middle Channel / Full RB



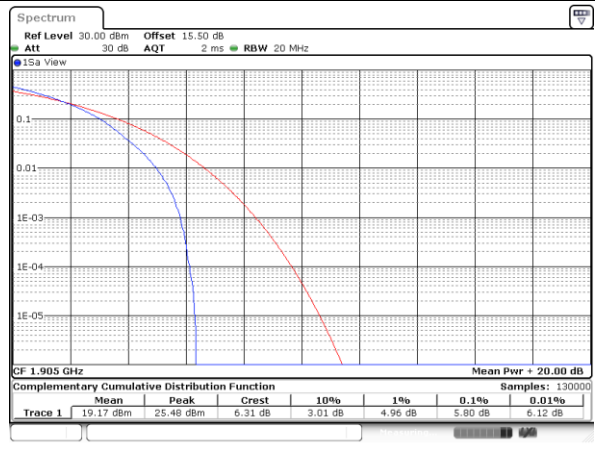
Date: 2,MAY,2022 13:35:29

Highest Channel / 1RB



Date: 2,MAY,2022 13:36:44

Highest Channel / Full RB



Date: 2,MAY,2022 13:37:09