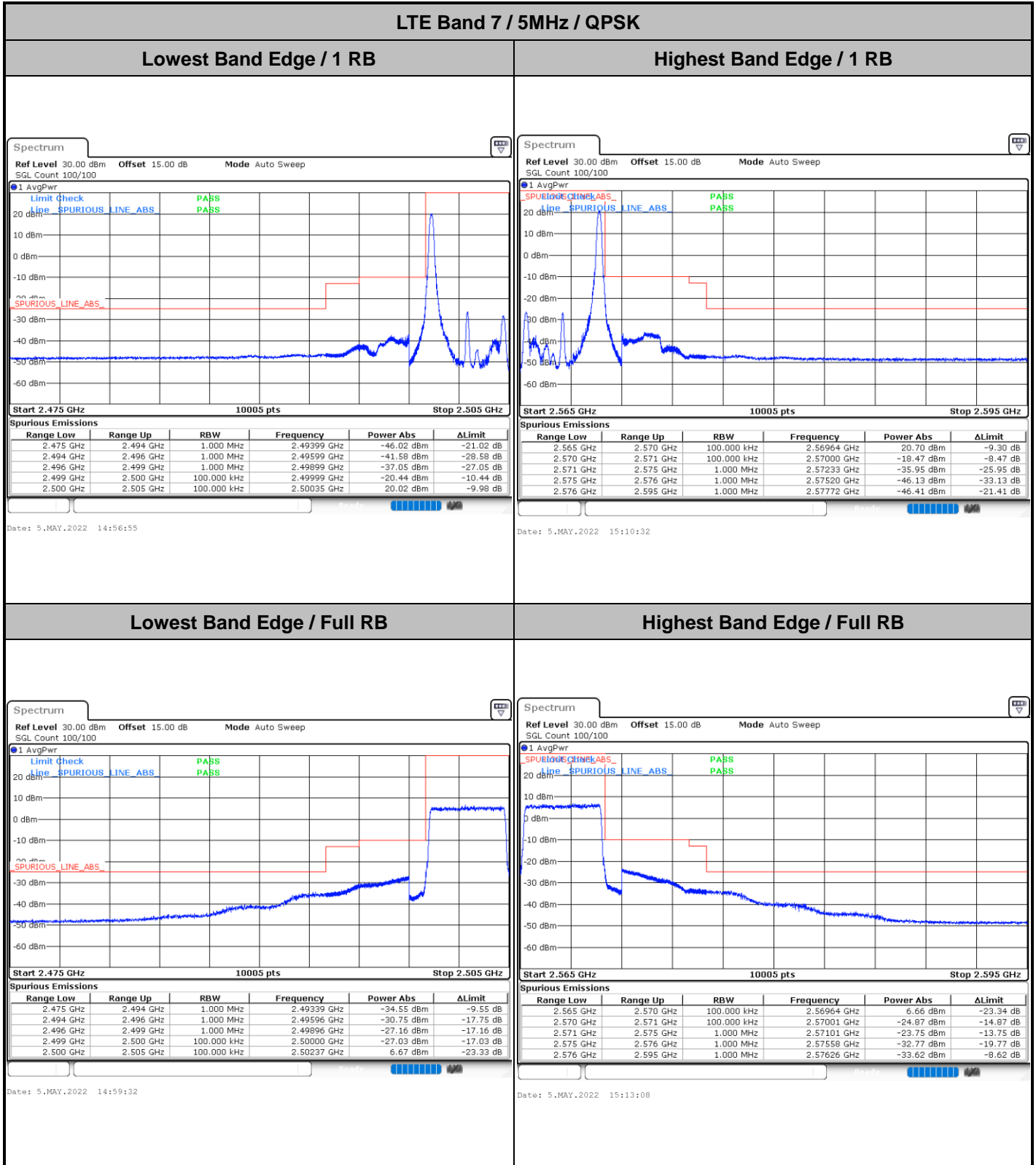




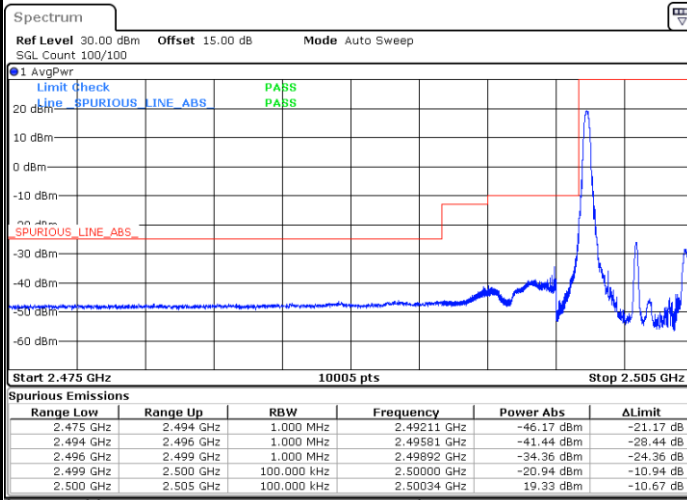
# Conducted Band Edge





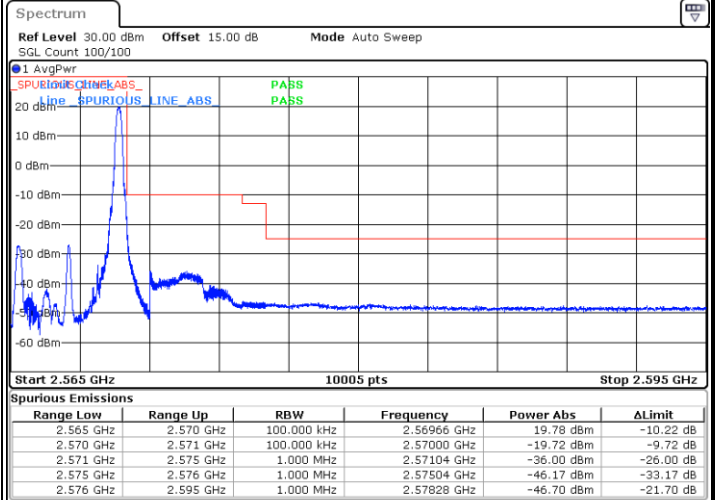
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



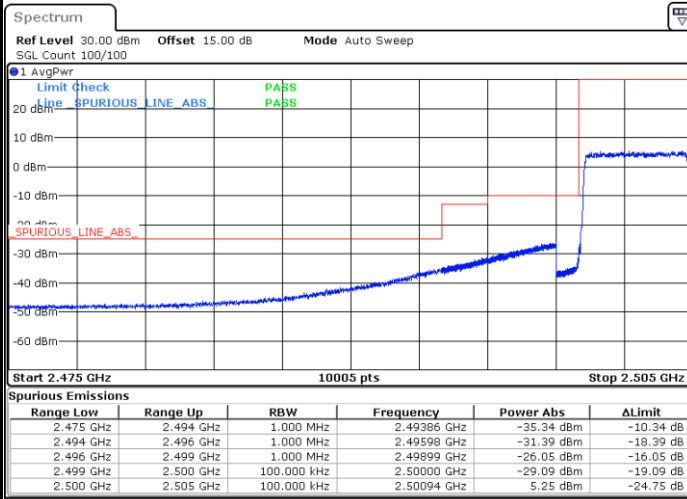
Date: 5.MAY.2022 14:58:14

Highest Band Edge / 1 RB



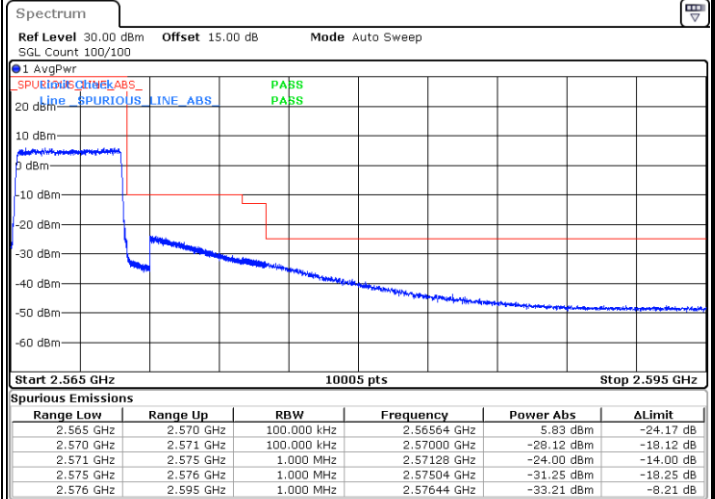
Date: 5.MAY.2022 15:11:50

Lowest Band Edge / Full RB



Date: 5.MAY.2022 15:00:51

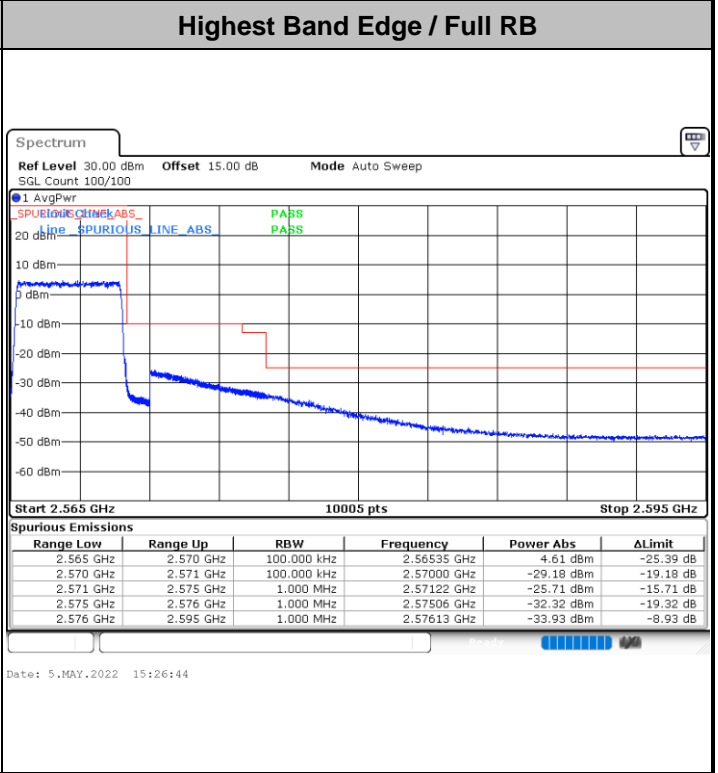
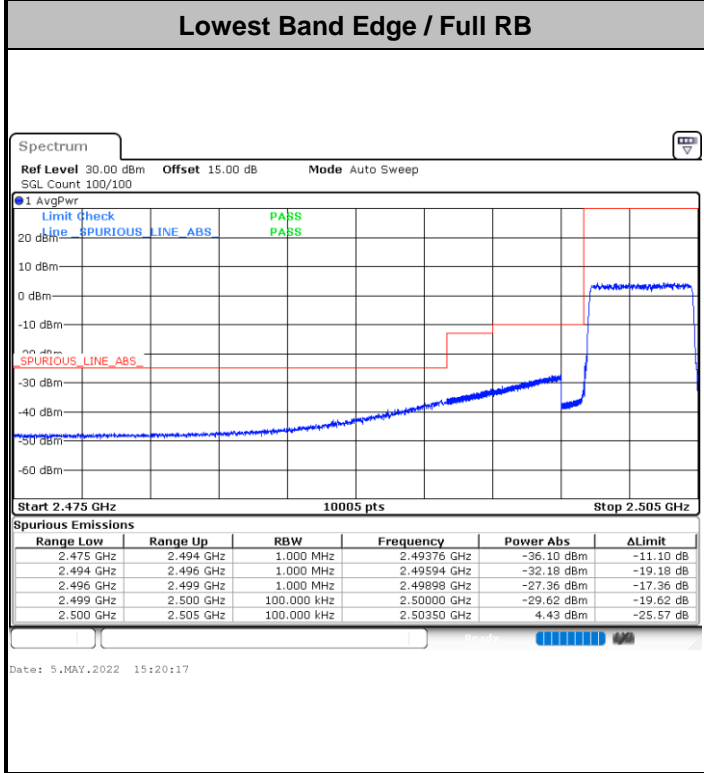
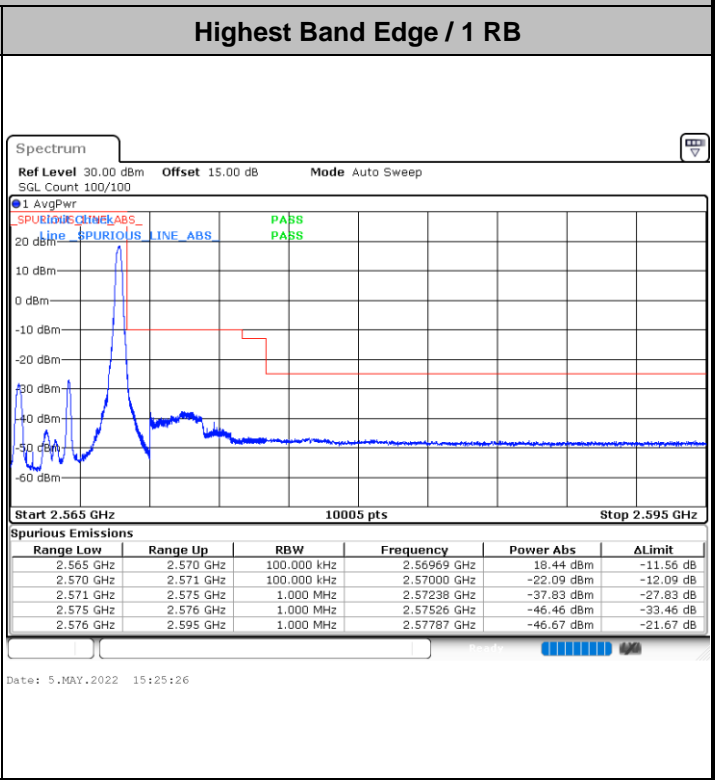
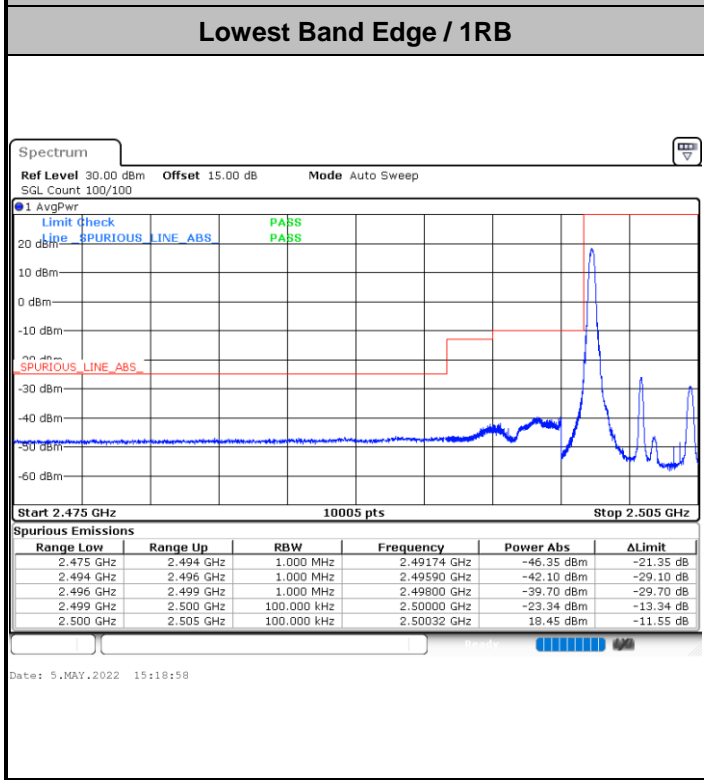
Highest Band Edge / Full RB



Date: 5.MAY.2022 15:14:26



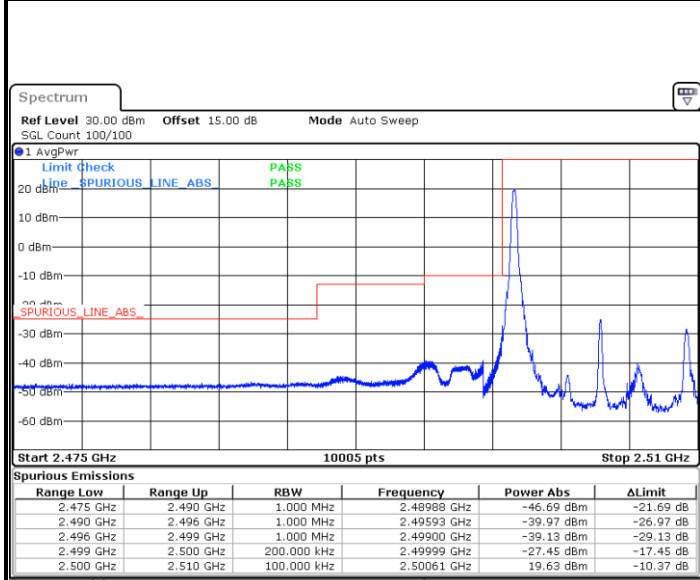
LTE Band 7 / 5MHz / 64QAM





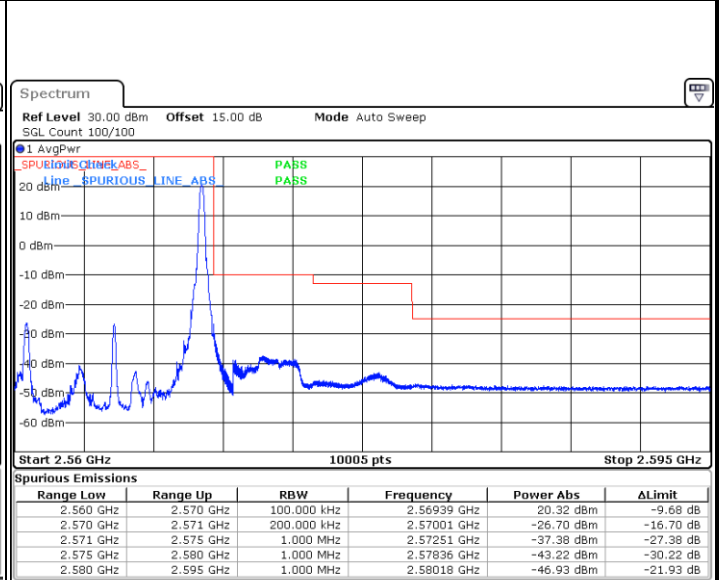
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



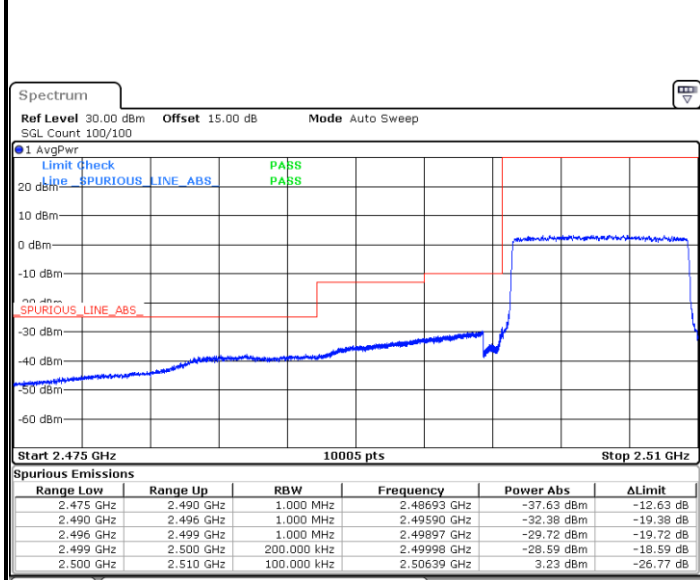
Date: 5.MAY.2022 15:30:58

Highest Band Edge / 1 RB



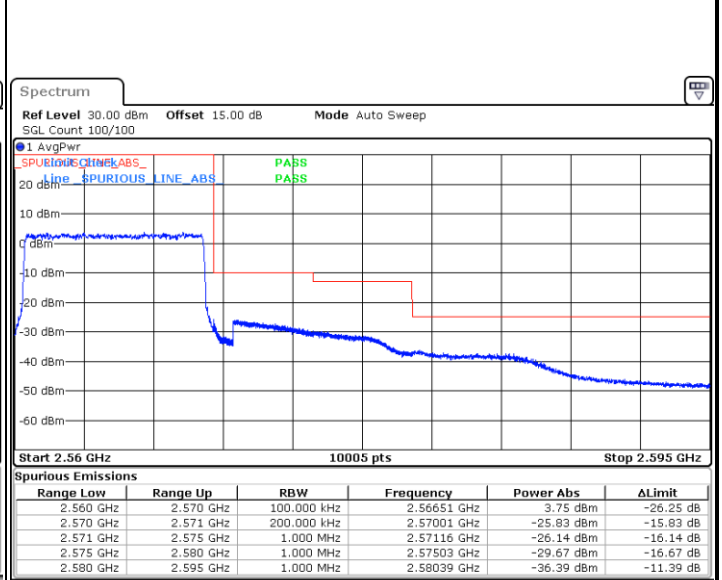
Date: 5.MAY.2022 15:44:32

Lowest Band Edge / Full RB



Date: 5.MAY.2022 15:33:35

Highest Band Edge / Full RB

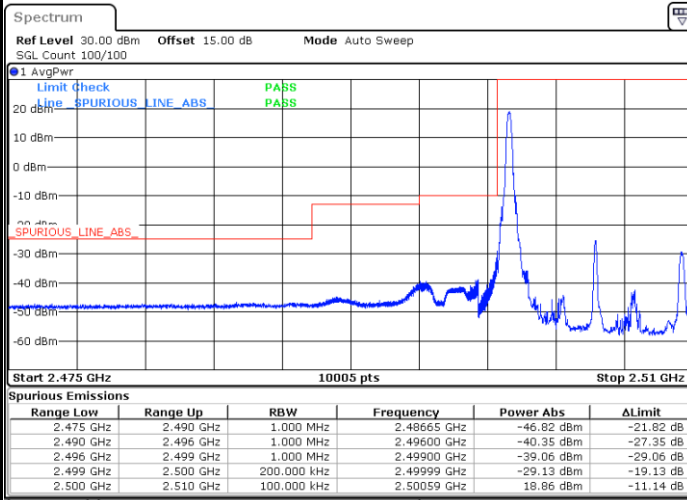


Date: 5.MAY.2022 15:47:08



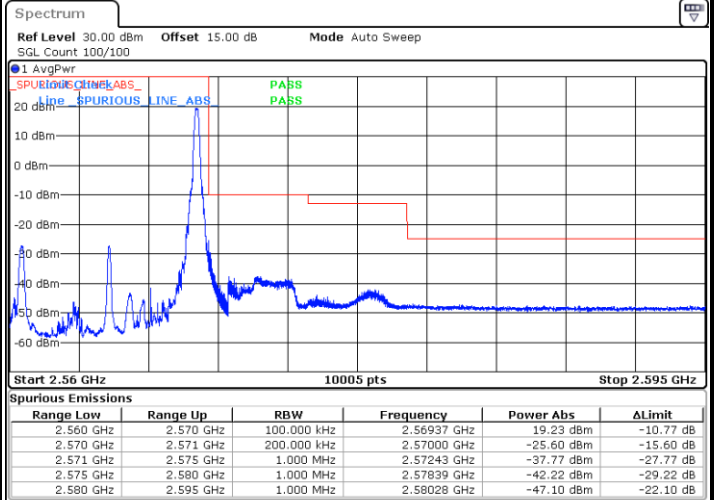
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



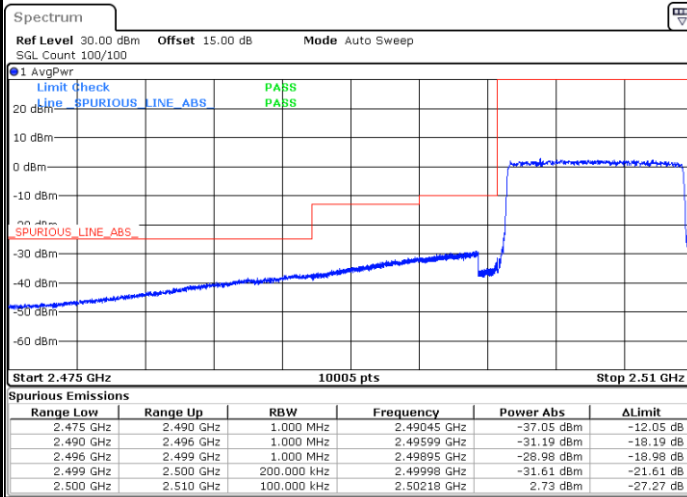
Date: 5.MAY.2022 15:32:16

Highest Band Edge / 1 RB



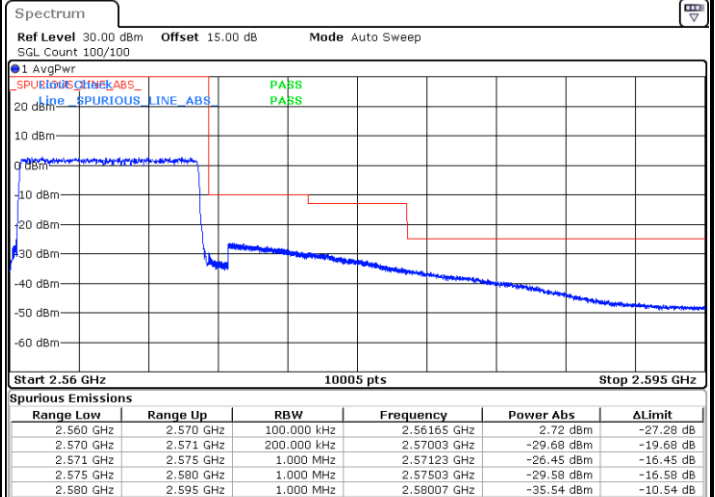
Date: 5.MAY.2022 15:45:50

Lowest Band Edge / Full RB



Date: 5.MAY.2022 15:34:53

Highest Band Edge / Full RB

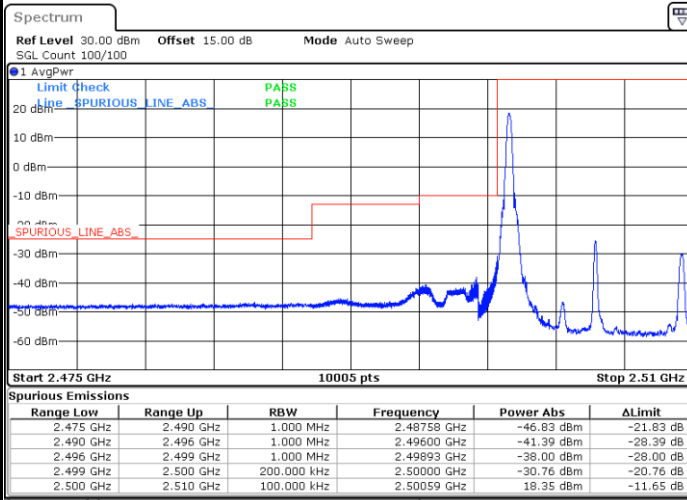


Date: 5.MAY.2022 15:48:26



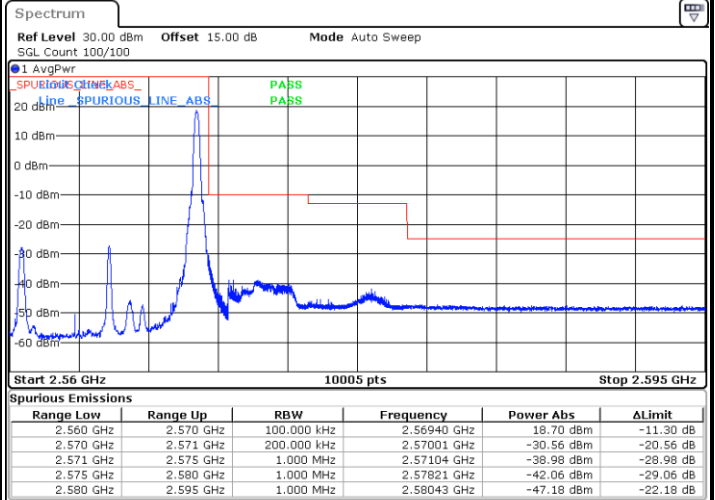
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



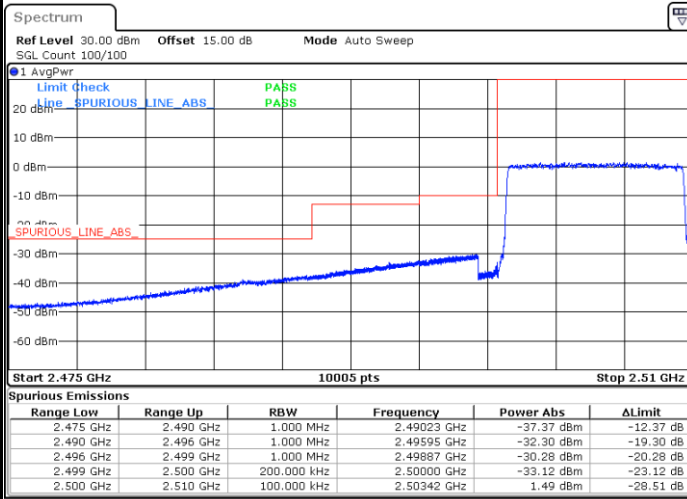
Date: 5.MAY.2022 15:52:57

Highest Band Edge / 1 RB



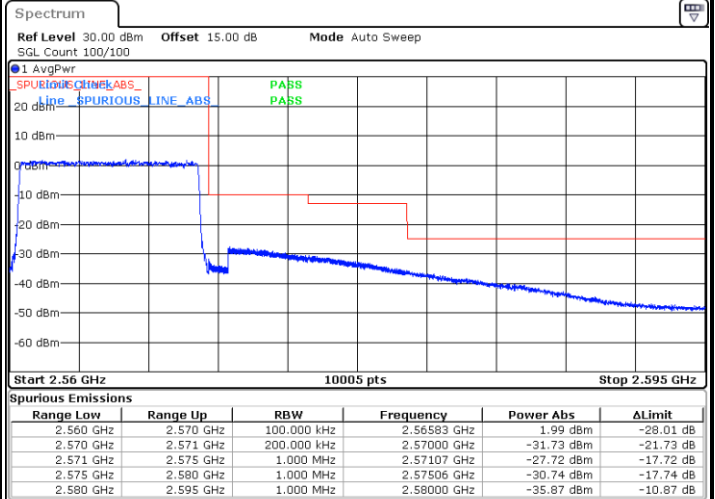
Date: 5.MAY.2022 15:59:25

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB

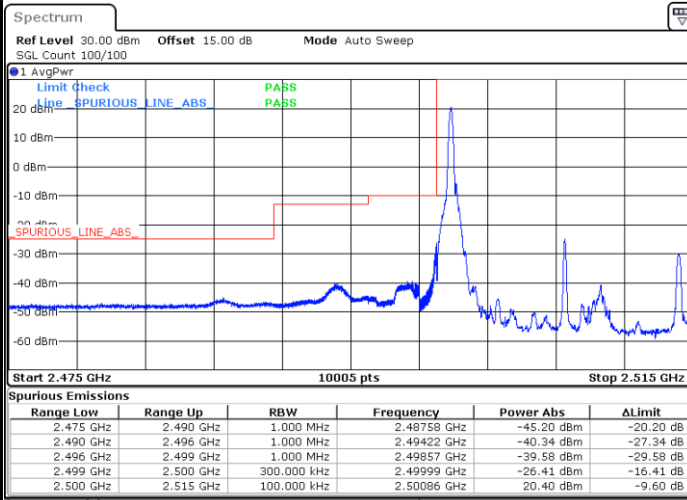


Date: 5.MAY.2022 16:00:43



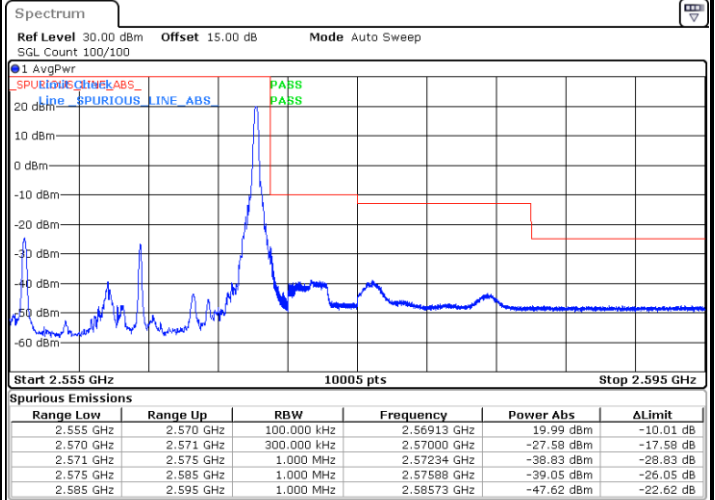
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



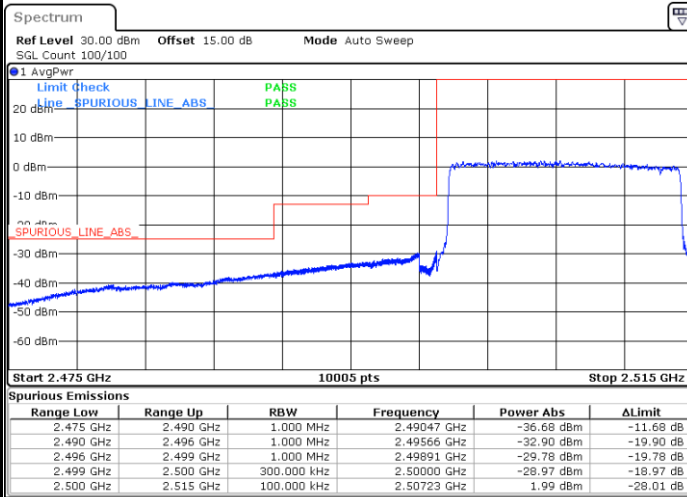
Date: 5.MAY.2022 16:04:58

Highest Band Edge / 1 RB



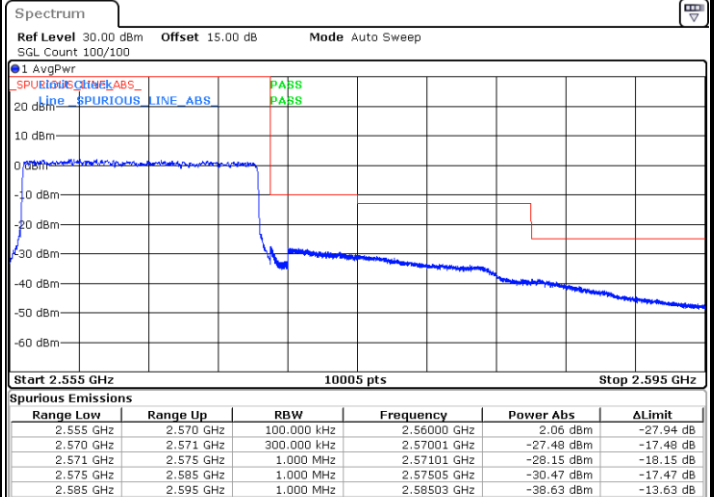
Date: 5.MAY.2022 16:18:34

Lowest Band Edge / Full RB



Date: 5.MAY.2022 16:07:35

Highest Band Edge / Full RB

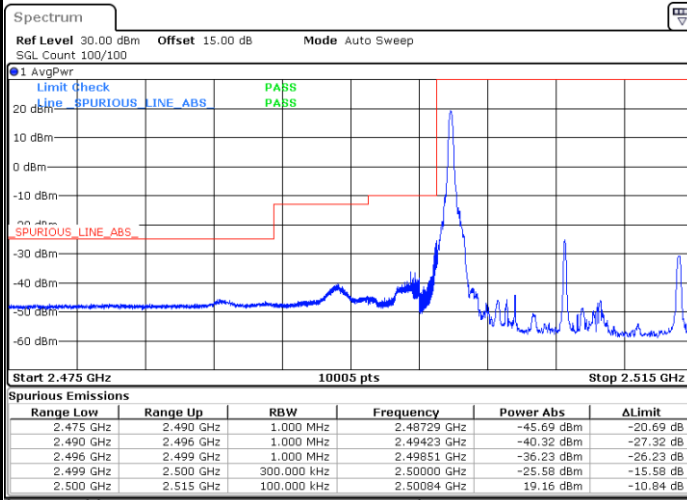


Date: 5.MAY.2022 16:21:11



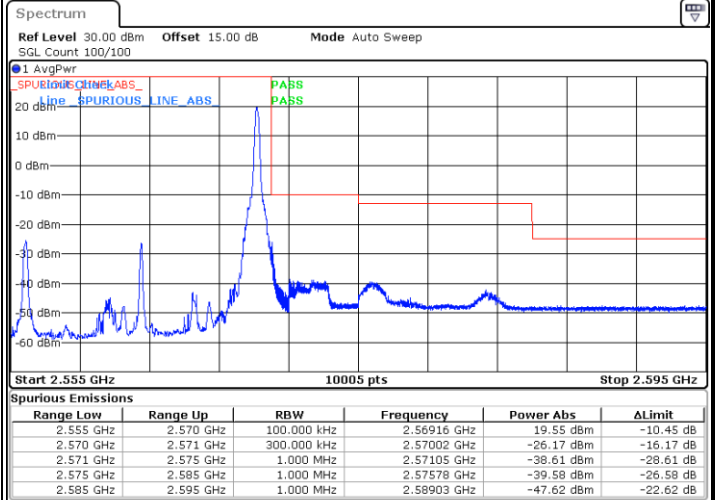
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



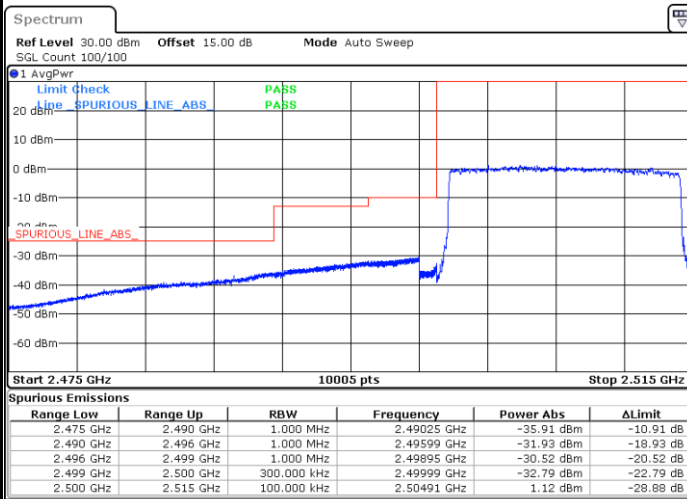
Date: 5.MAY.2022 16:06:16

Highest Band Edge / 1 RB



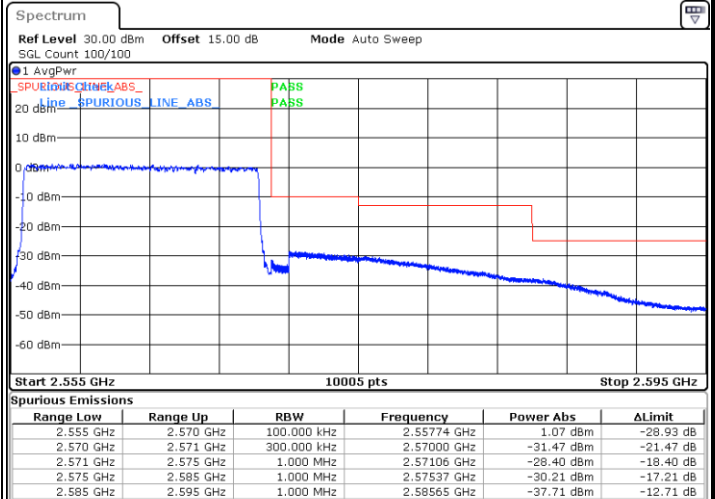
Date: 5.MAY.2022 16:19:53

Lowest Band Edge / Full RB



Date: 5.MAY.2022 16:08:53

Highest Band Edge / Full RB



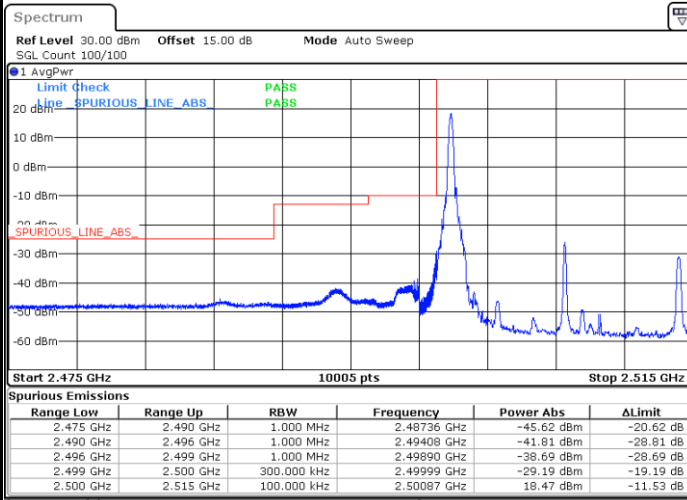
Date: 5.MAY.2022 16:22:29





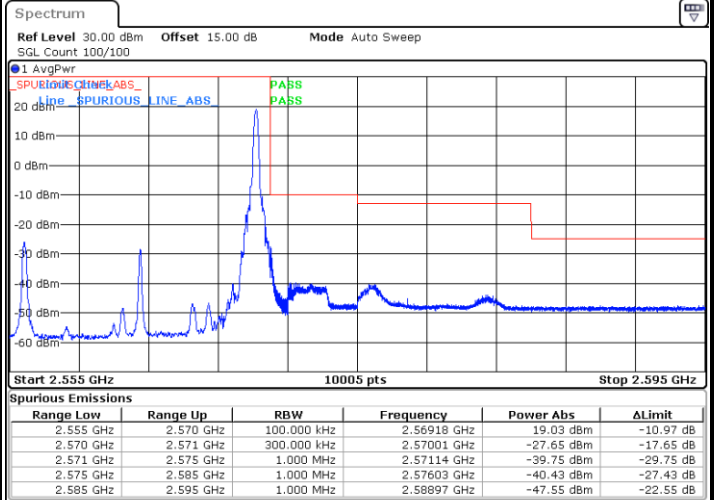
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



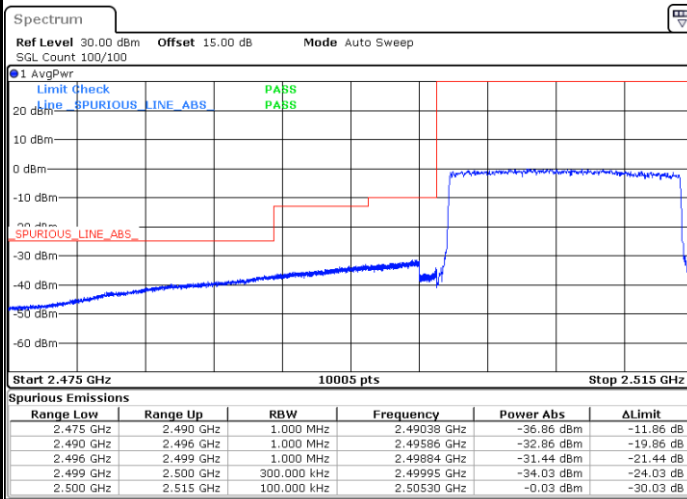
Date: 5.MAY.2022 17:13:07

Highest Band Edge / 1 RB



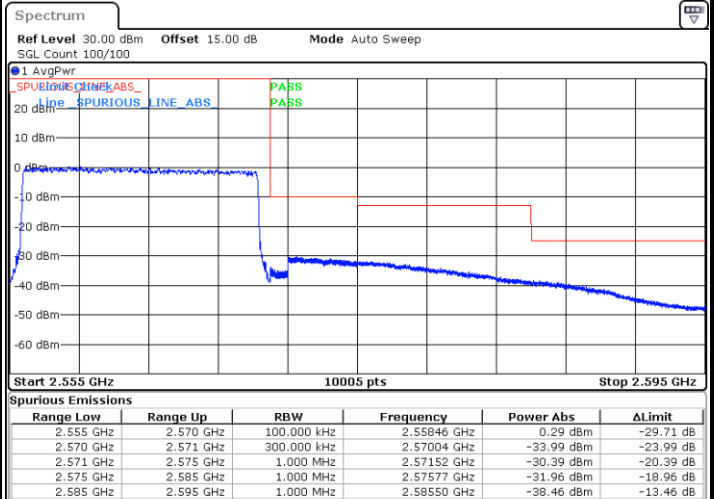
Date: 5.MAY.2022 17:19:35

Lowest Band Edge / Full RB



Date: 5.MAY.2022 17:14:25

Highest Band Edge / Full RB



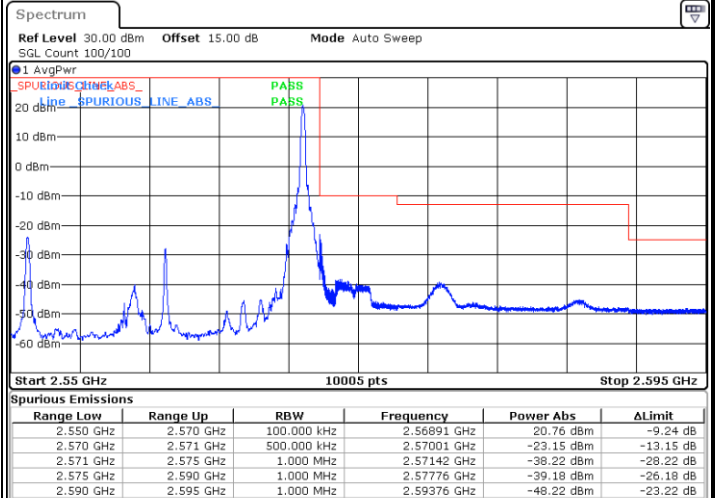
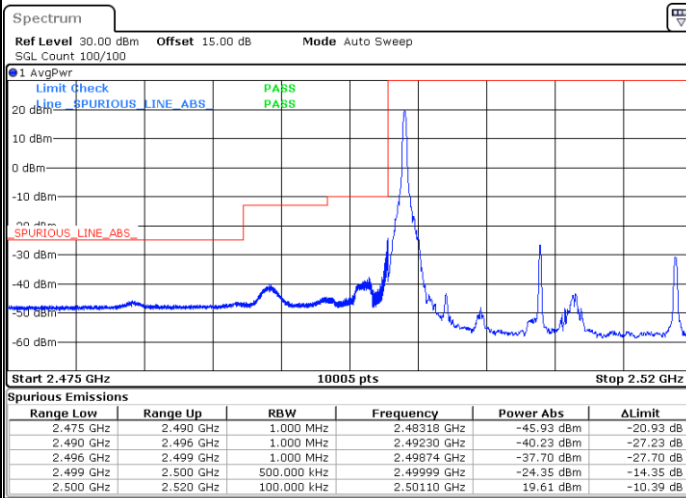
Date: 5.MAY.2022 17:20:53



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

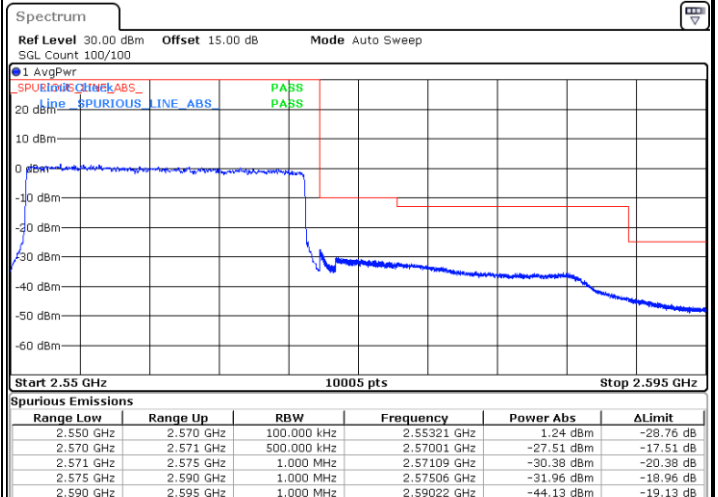
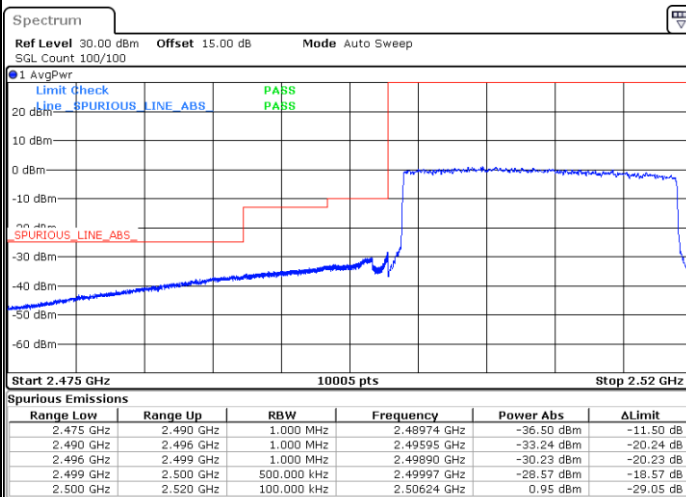


Date: 5.MAY.2022 17:25:08

Date: 5.MAY.2022 17:38:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



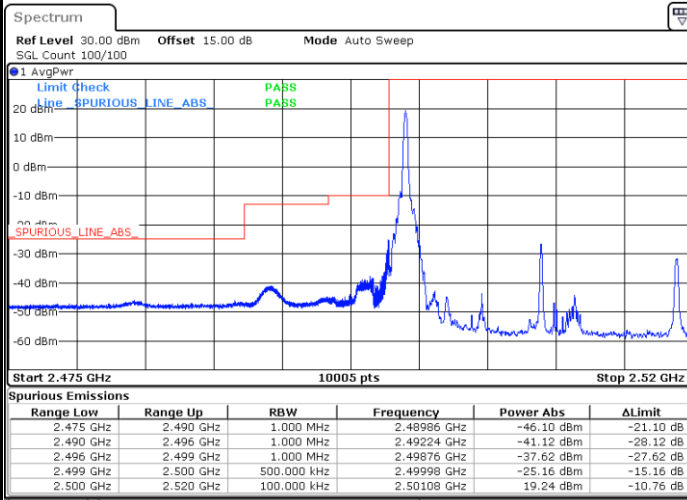
Date: 5.MAY.2022 17:27:45

Date: 5.MAY.2022 17:42:38



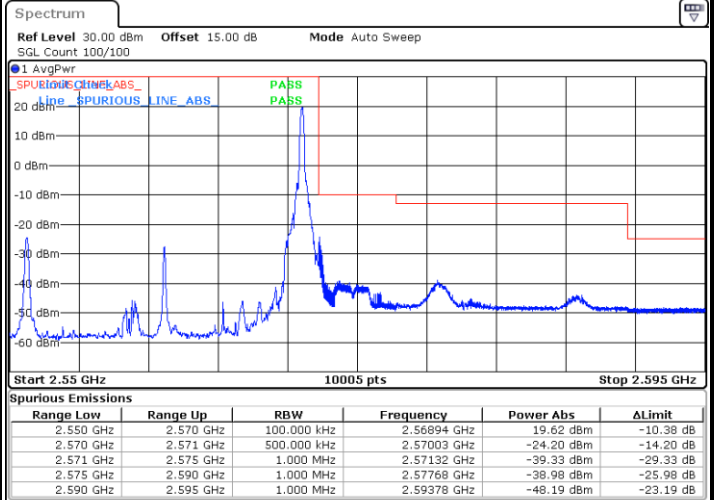
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



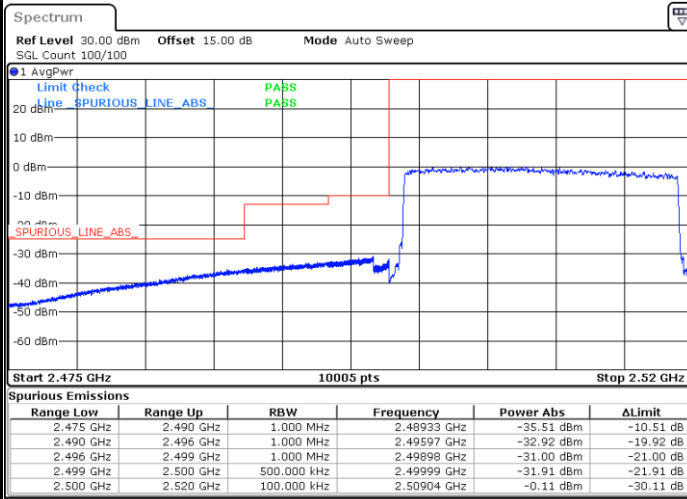
Date: 5.MAY.2022 17:26:26

Highest Band Edge / 1RB



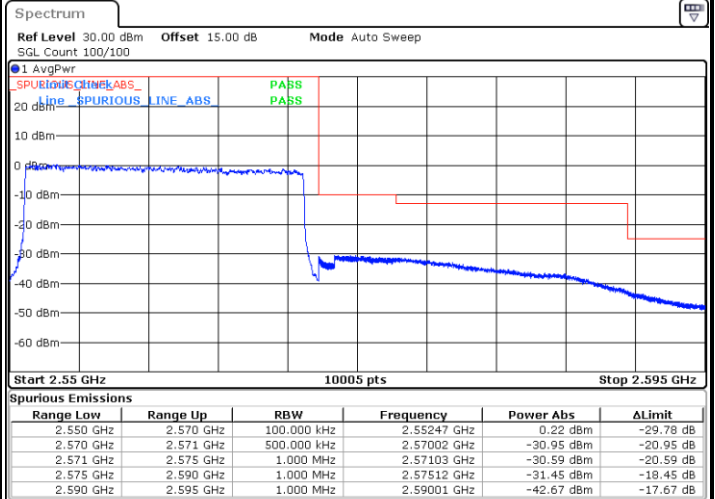
Date: 5.MAY.2022 17:40:02

Lowest Band Edge / Full RB



Date: 5.MAY.2022 17:29:03

Highest Band Edge / Full RB

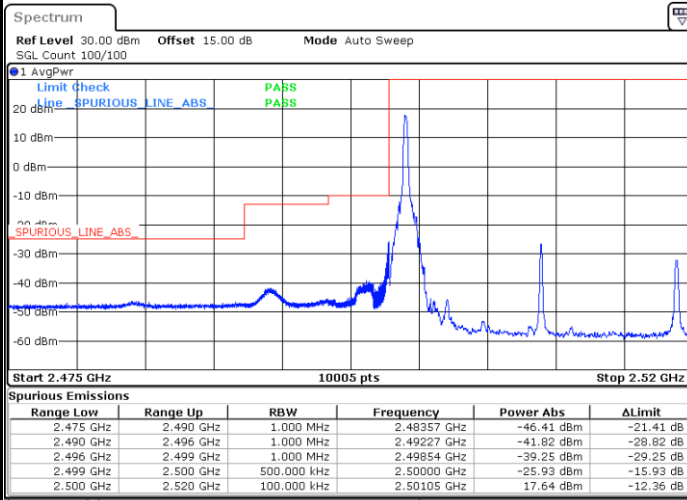


Date: 5.MAY.2022 17:41:20



LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



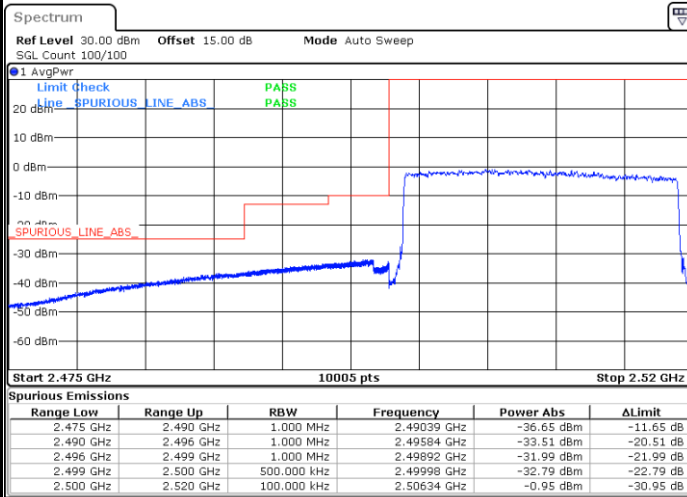
Date: 5.MAY.2022 17:47:10

Highest Band Edge / 1 RB



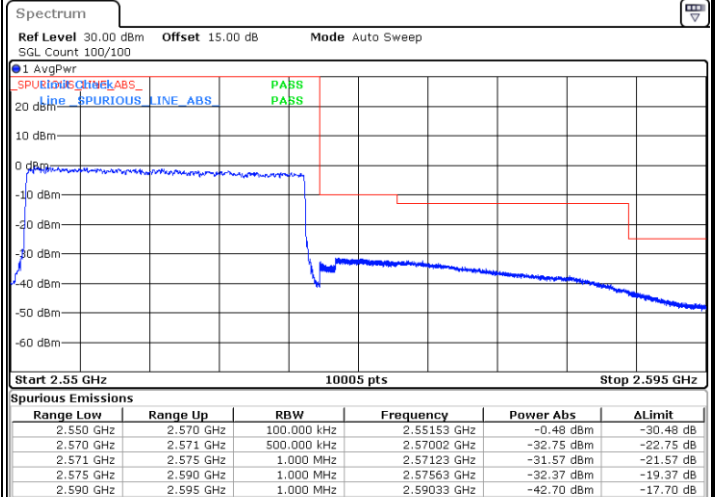
Date: 5.MAY.2022 17:53:39

Lowest Band Edge / Full RB



Date: 5.MAY.2022 17:48:29

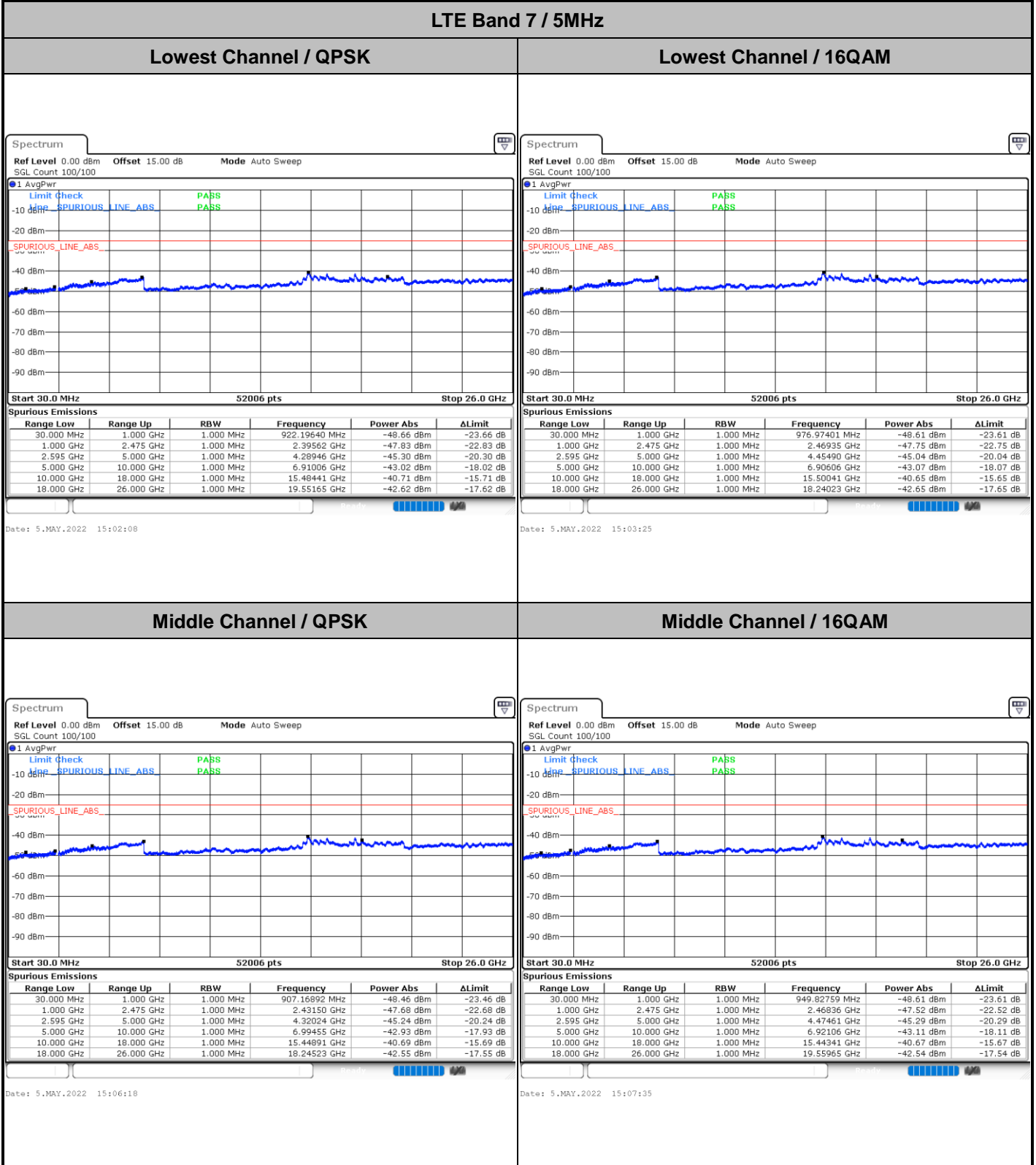
Highest Band Edge / Full RB



Date: 5.MAY.2022 17:54:57



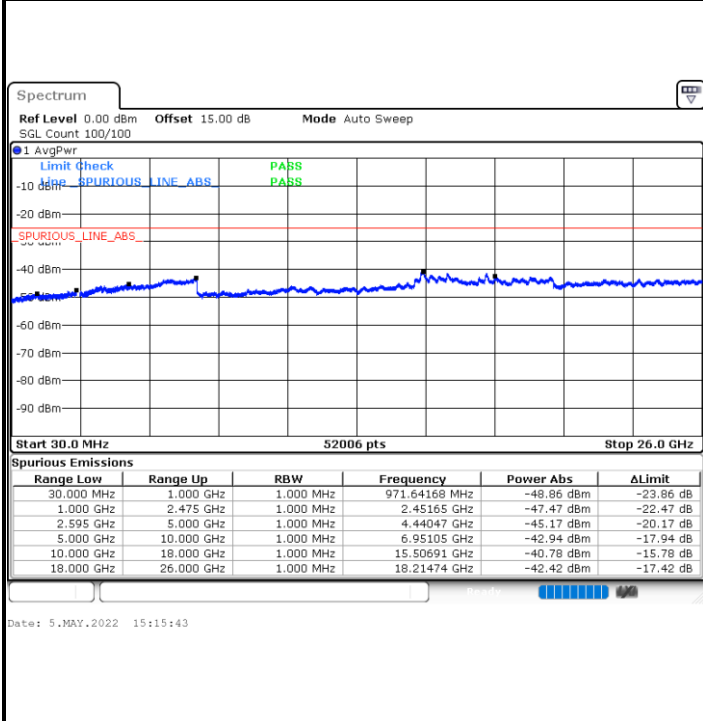
# Conducted Spurious Emission



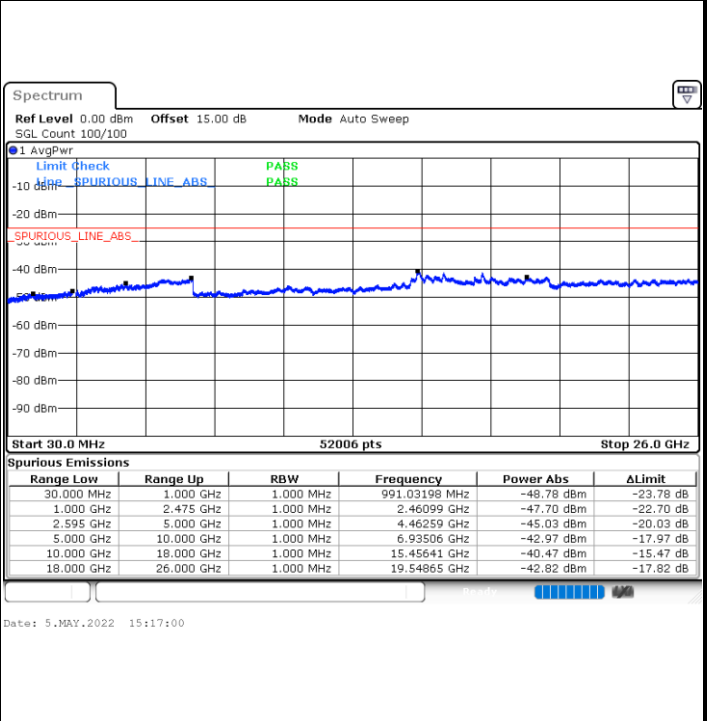


LTE Band 7 / 5MHz

Highest Channel / QPSK

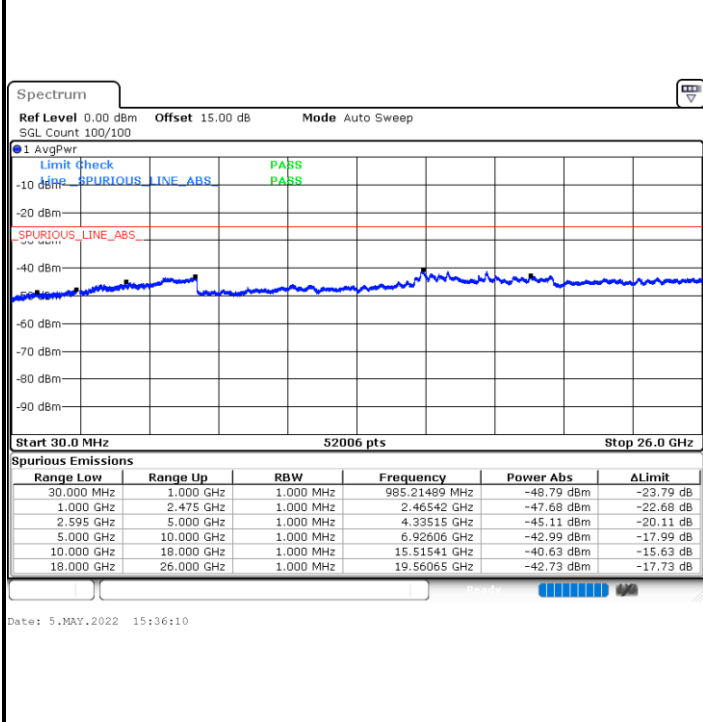


Highest Channel / 16QAM

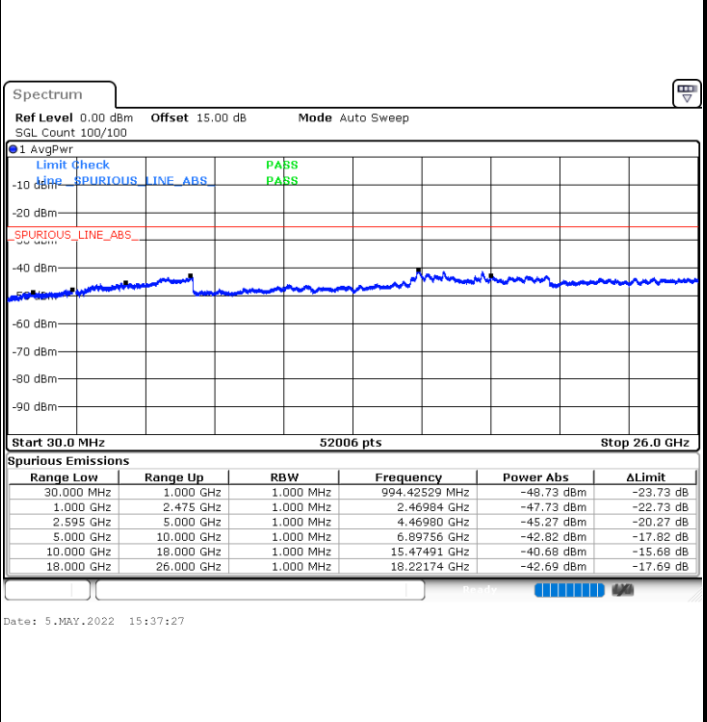


LTE Band 7 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

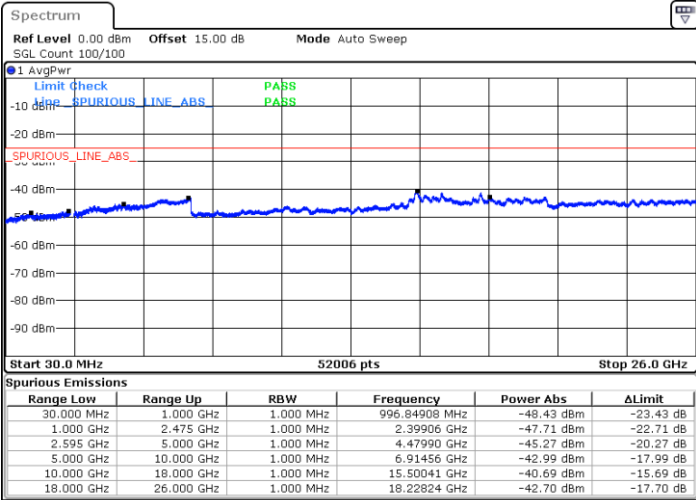




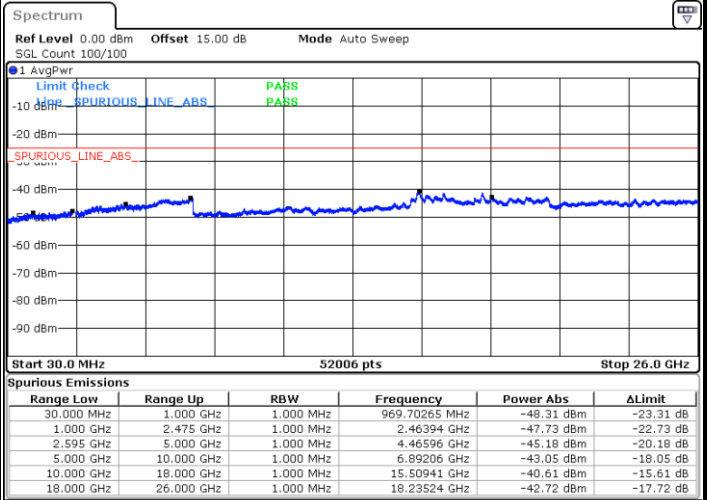
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



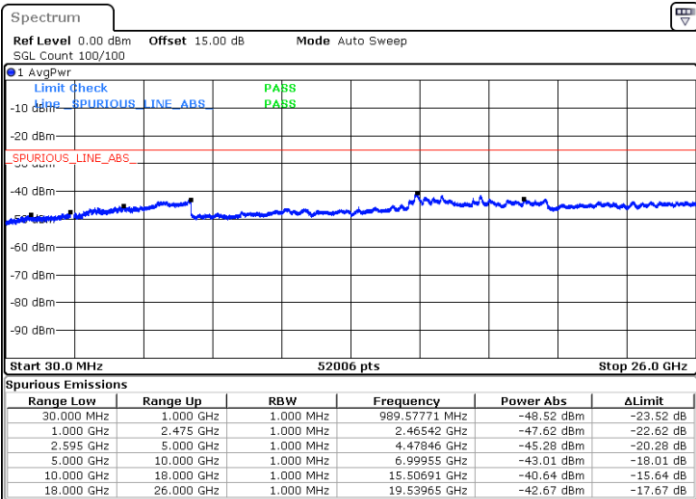
Date: 5.MAY.2022 15:40:19



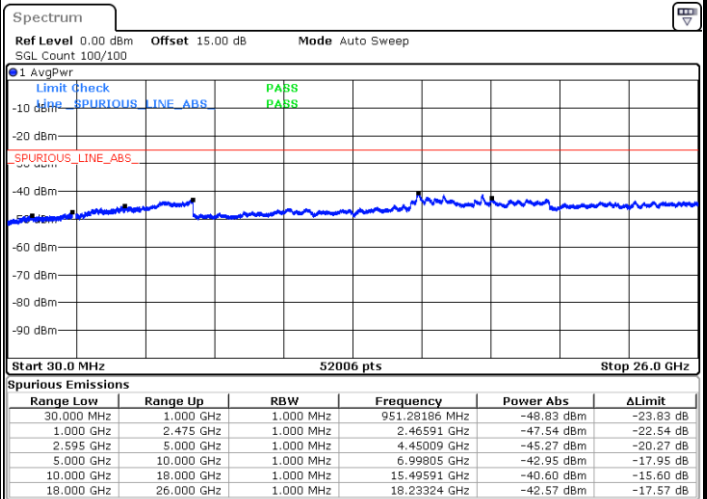
Date: 5.MAY.2022 15:41:35

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.MAY.2022 15:49:43



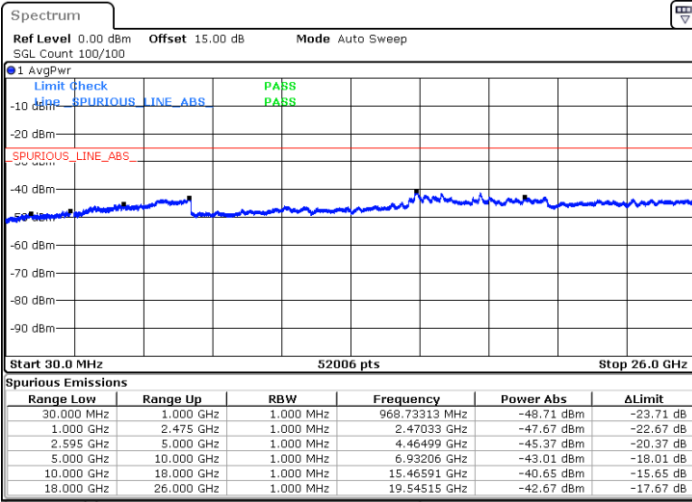
Date: 5.MAY.2022 15:51:00



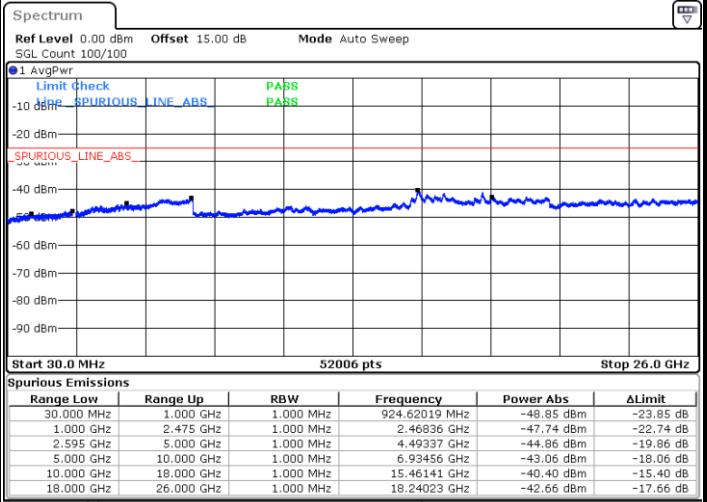
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



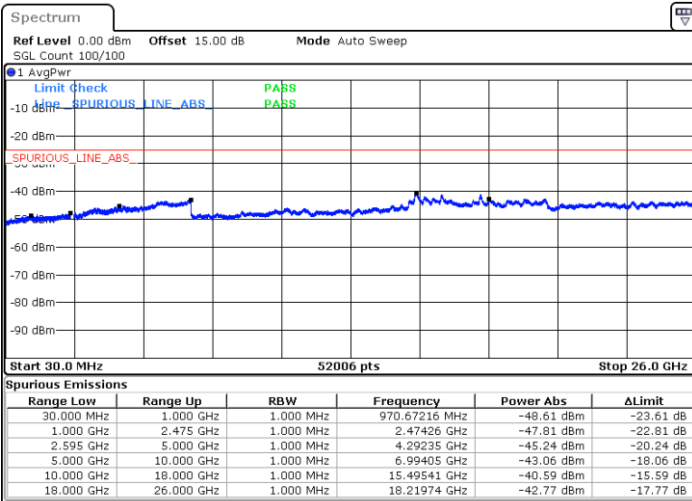
Date: 5.MAY.2022 16:10:10



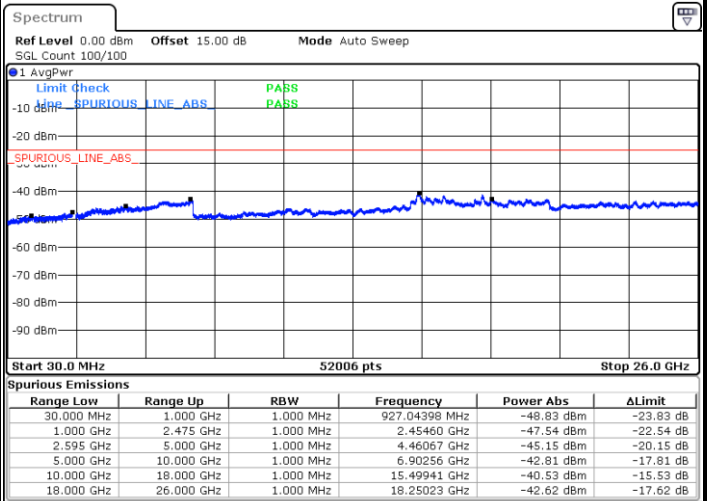
Date: 5.MAY.2022 16:11:27

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 5.MAY.2022 16:14:20



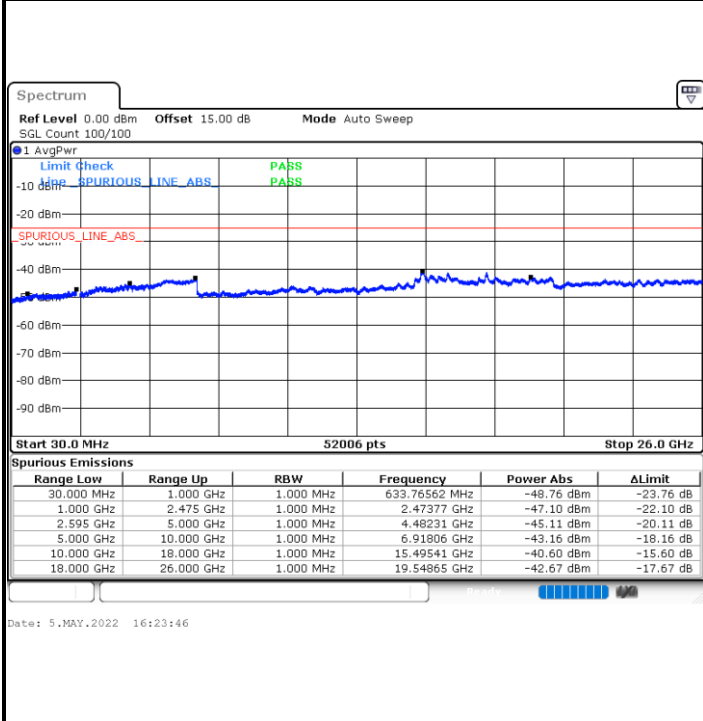
Date: 5.MAY.2022 16:15:37



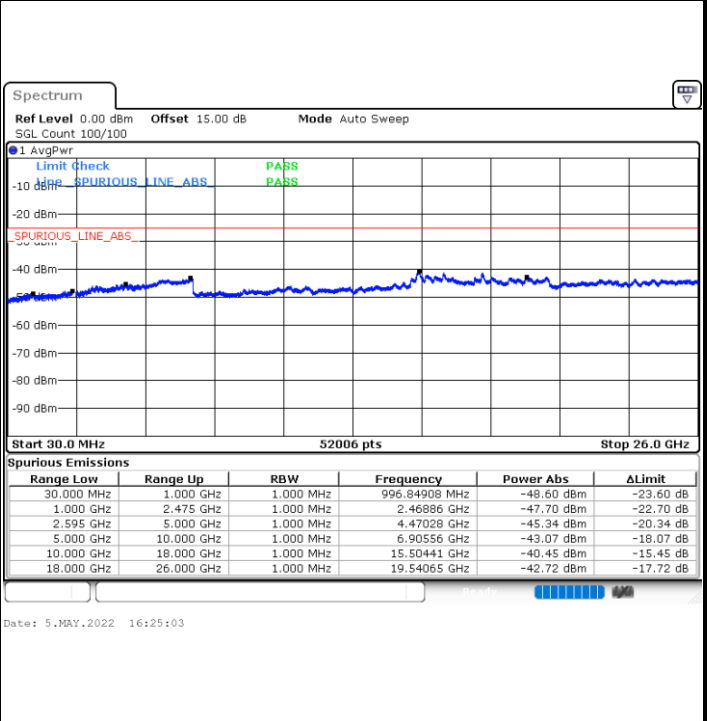


LTE Band7 / 15MHz

Highest Channel / QPSK

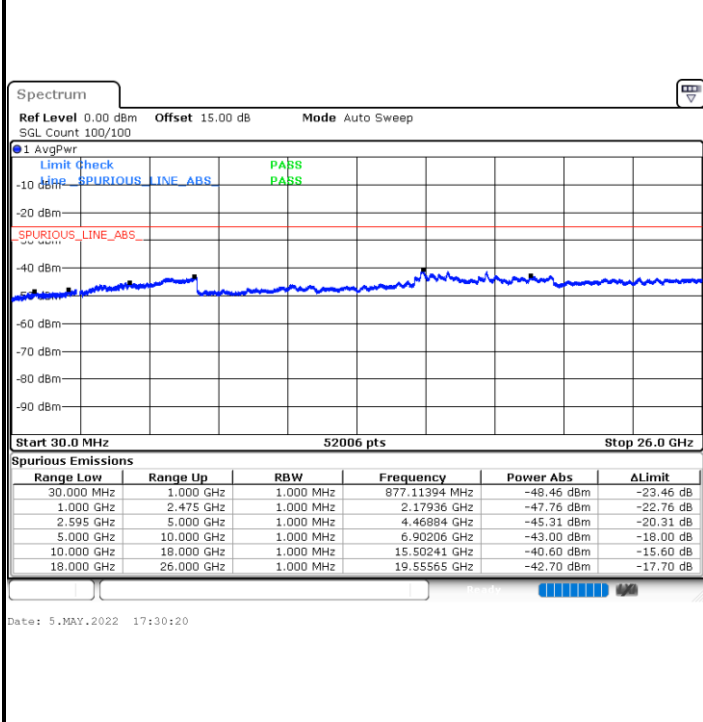


Highest Channel / 16QAM

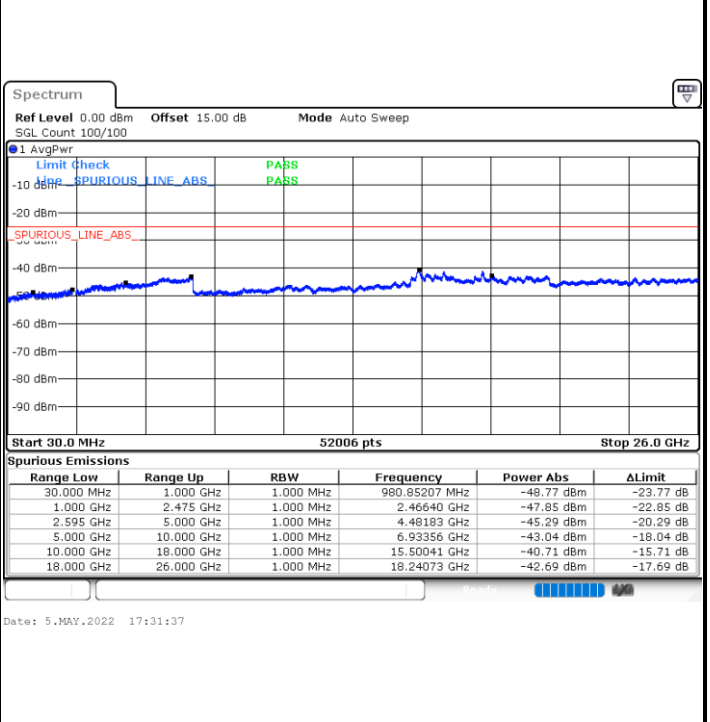


LTE Band 7 / 20MHz

Lowest Channel / QPSK



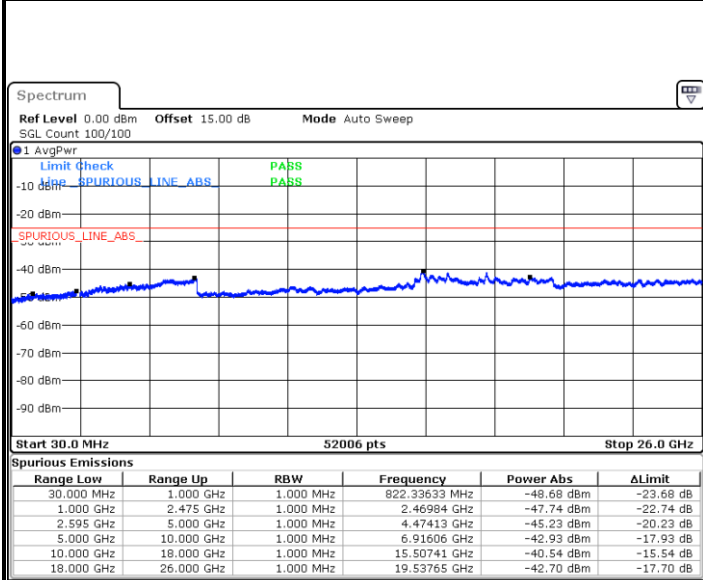
Lowest Channel / 16QAM





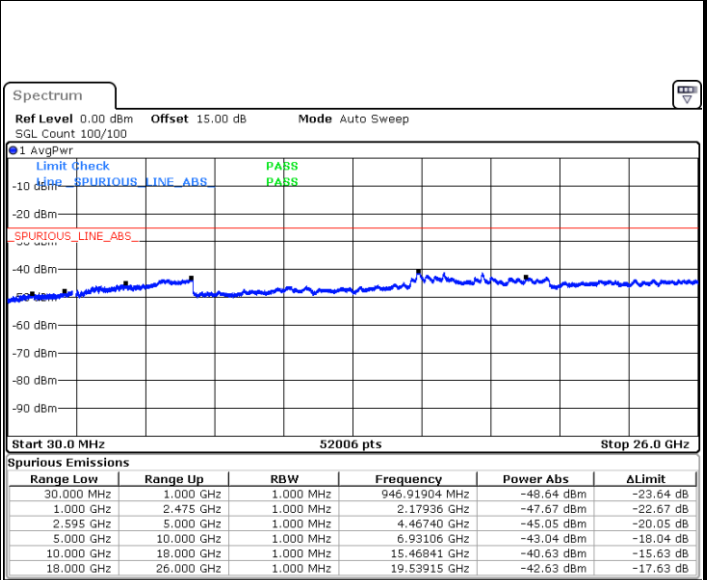
LTE Band 7 / 20MHz

Middle Channel / QPSK



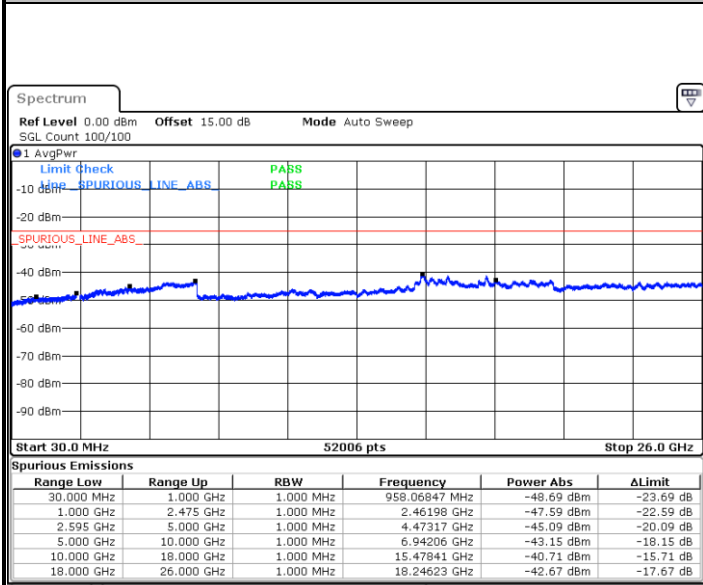
Date: 5.MAY.2022 17:34:30

Middle Channel / 16QAM



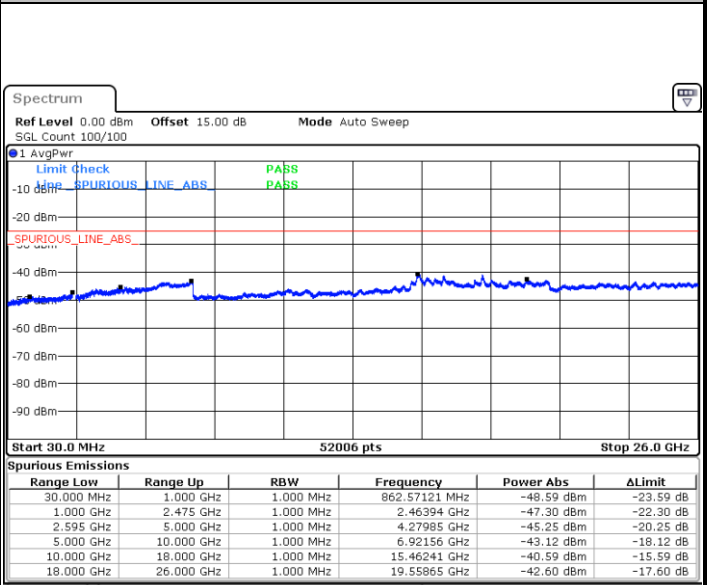
Date: 5.MAY.2022 17:35:47

Highest Channel / QPSK



Date: 5.MAY.2022 17:43:55

Highest Channel / 16QAM



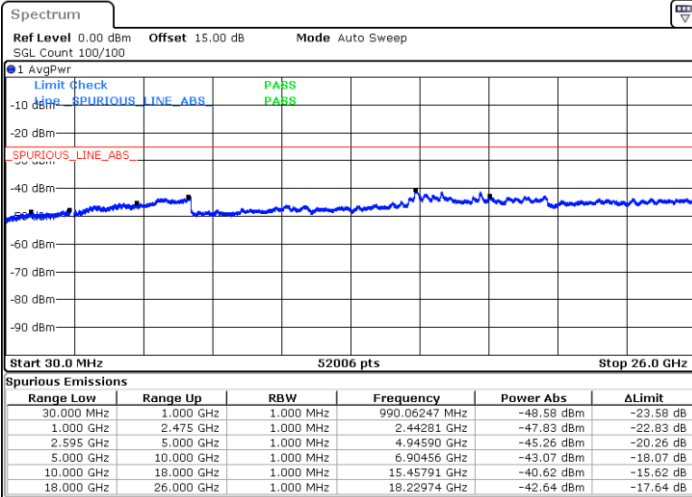
Date: 5.MAY.2022 17:45:12



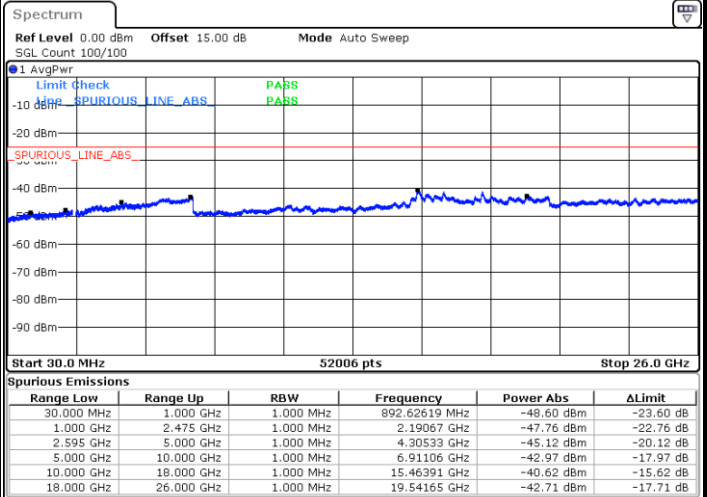
LTE Band 7 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

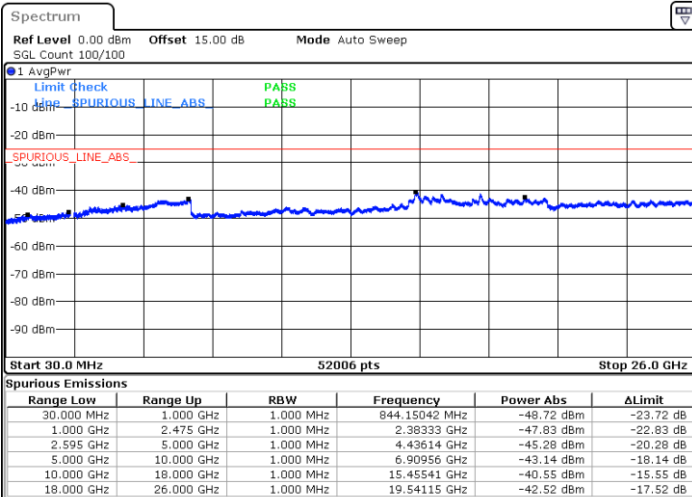


Date: 5.MAY.2022 15:21:33



Date: 5.MAY.2022 15:23:29

Highest Channel / 64QAM



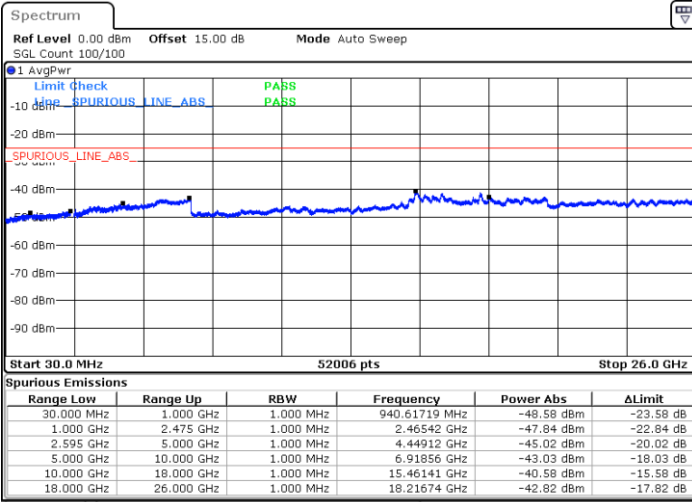
Date: 5.MAY.2022 15:28:01



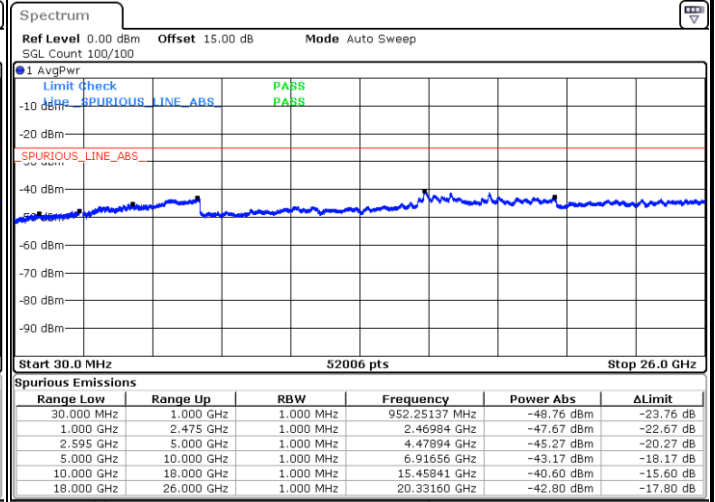
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

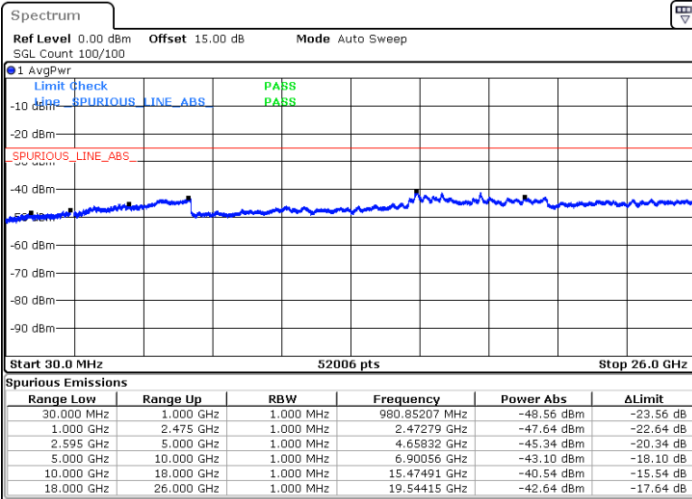


Date: 5.MAY.2022 15:55:32



Date: 5.MAY.2022 15:57:28

Highest Channel / 64QAM



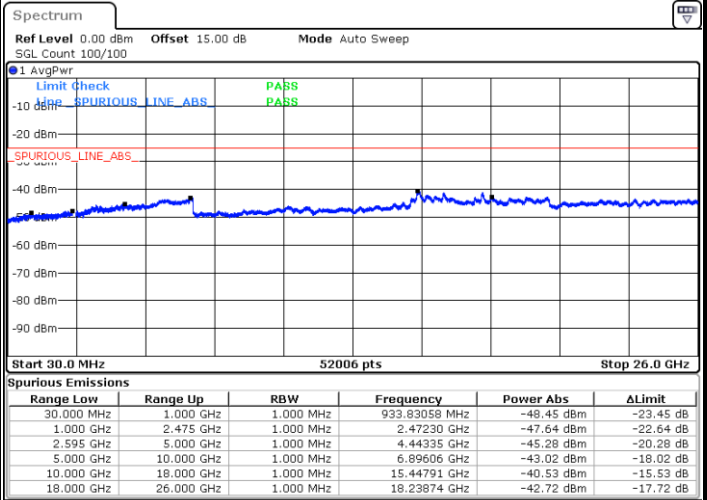
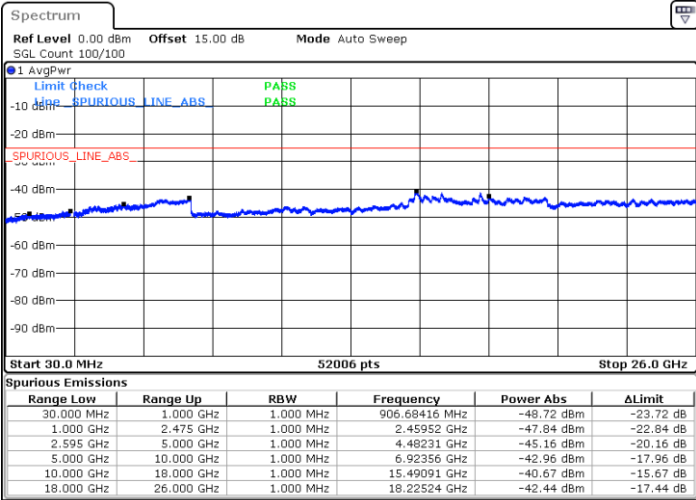
Date: 5.MAY.2022 16:02:00



LTE Band 7 / 15MHz

Lowest Channel / 64QAM

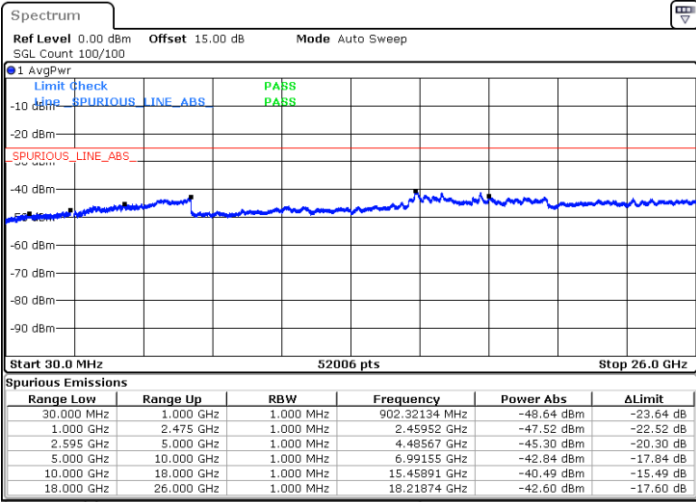
Middle Channel / 64QAM



Date: 5.MAY.2022 17:15:42

Date: 5.MAY.2022 17:17:38

Highest Channel / 64QAM



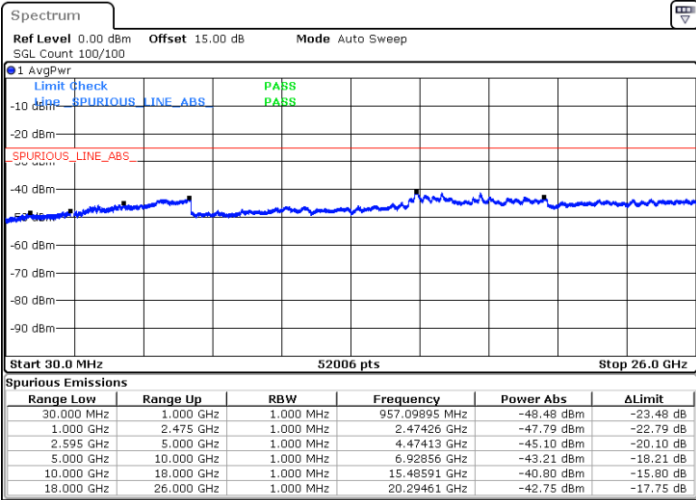
Date: 5.MAY.2022 17:22:10



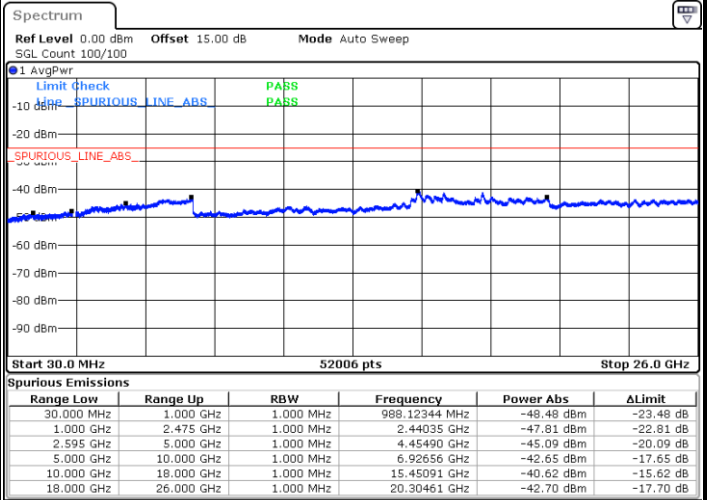
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

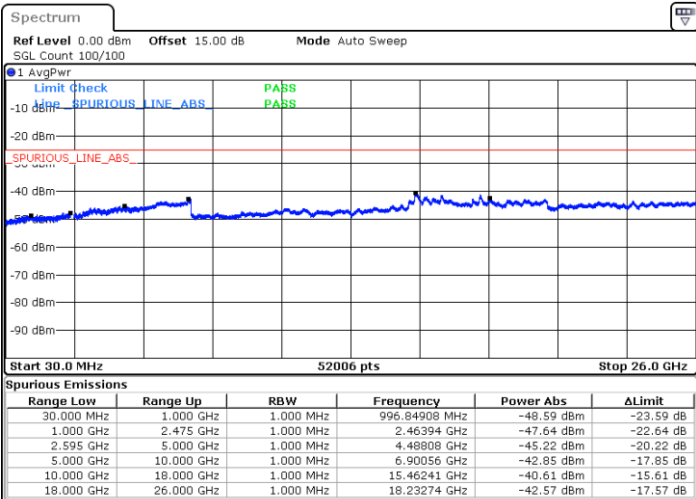


Date: 5.MAY.2022 17:49:46



Date: 5.MAY.2022 17:51:41

Highest Channel / 64QAM



Date: 5.MAY.2022 17:56:14



### Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.6 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 12

## Peak-to-Average Ratio

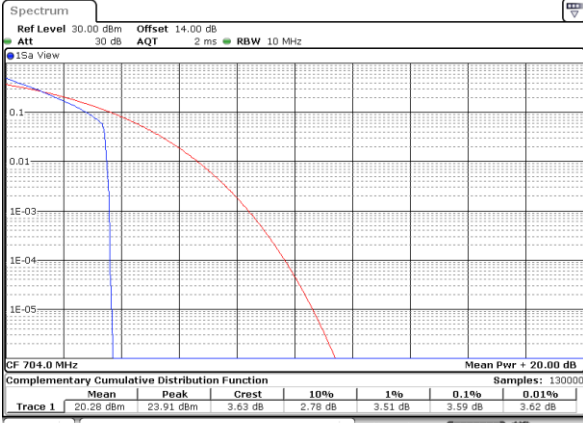
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.75	4.90	6.12	PASS
Middle CH	3.68	4.84	5.25	6.17	
Highest CH	3.77	4.75	5.54	6.12	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.58	6.70	-	-	PASS
Middle CH	6.64	6.70	-	-	
Highest CH	7.28	6.67	-	-	





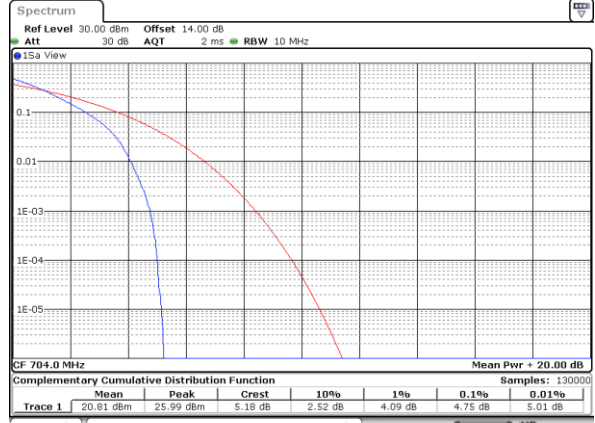
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



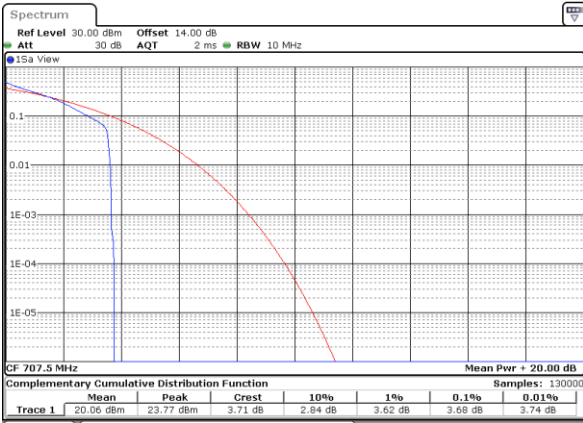
Date: 7\_MAY.2022 12:59:10

Lowest Channel / Full RB



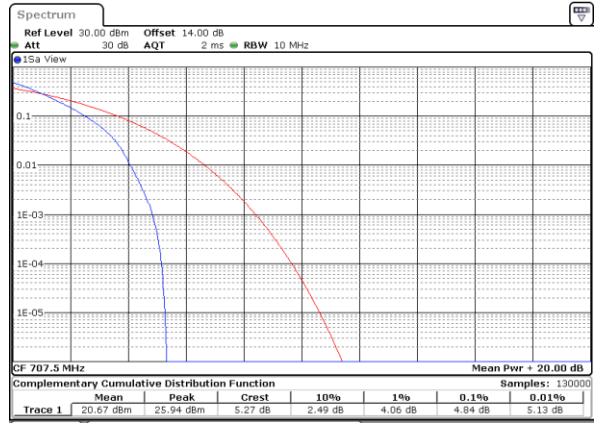
Date: 7\_MAY.2022 12:58:44

Middle Channel / 1RB



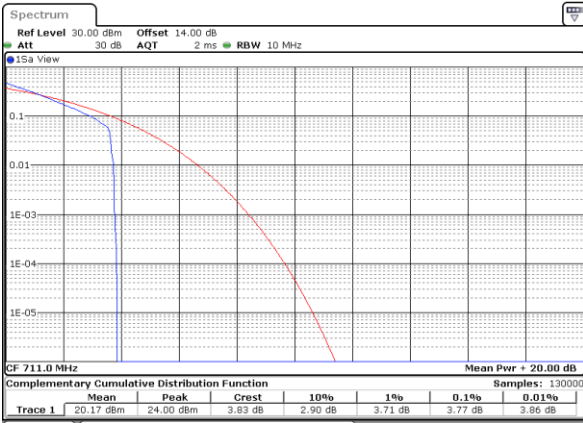
Date: 7\_MAY.2022 12:59:35

Middle Channel / Full RB



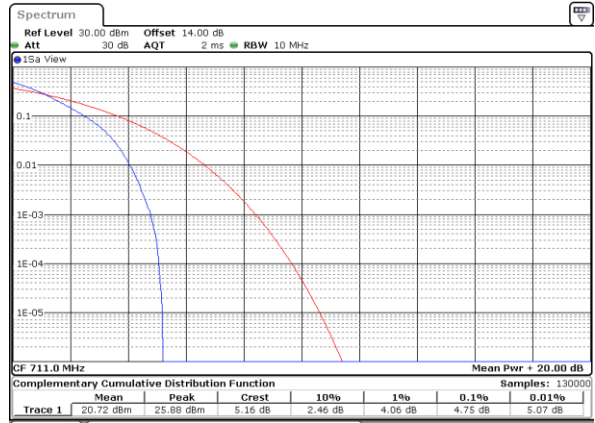
Date: 7\_MAY.2022 13:00:01

Highest Channel / 1RB



Date: 7\_MAY.2022 13:00:51

Highest Channel / Full RB

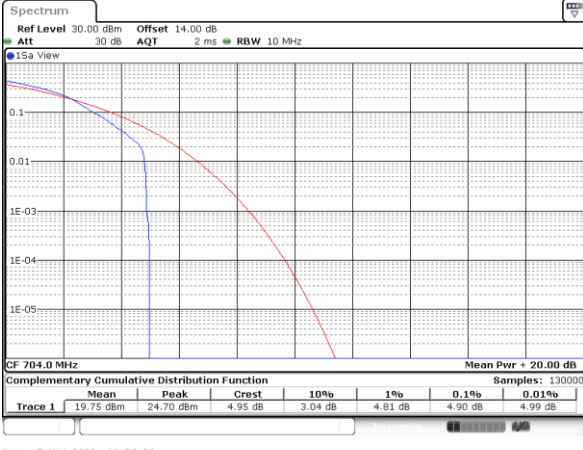


Date: 7\_MAY.2022 13:00:26



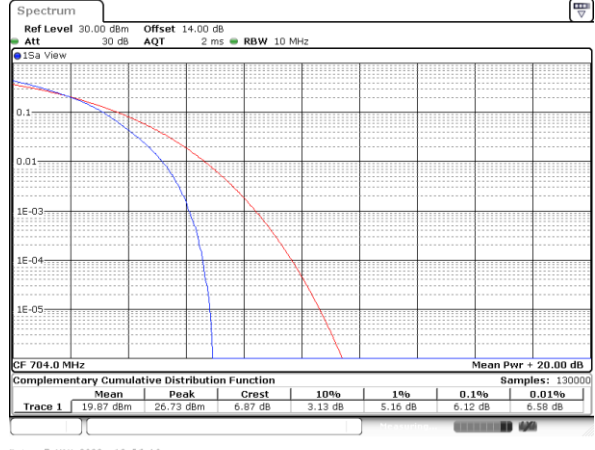
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



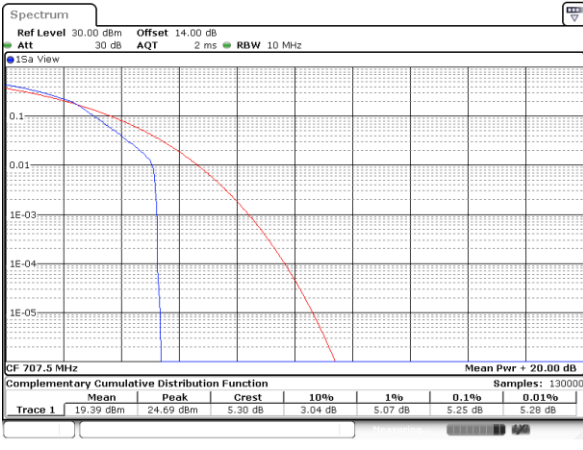
Date: 7\_MAY.2022 12:56:136

Lowest Channel / Full RB



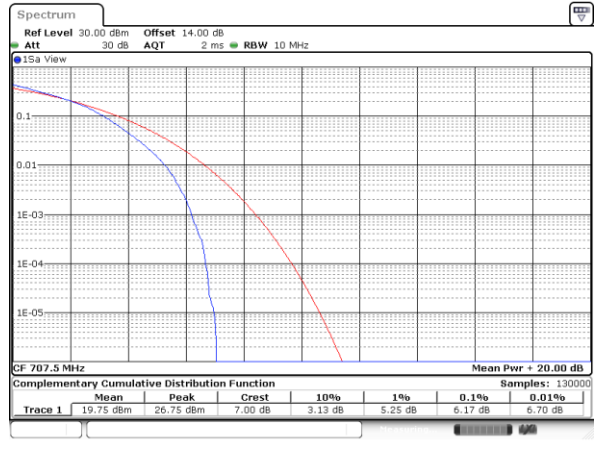
Date: 7\_MAY.2022 12:56:110

Middle Channel / 1RB



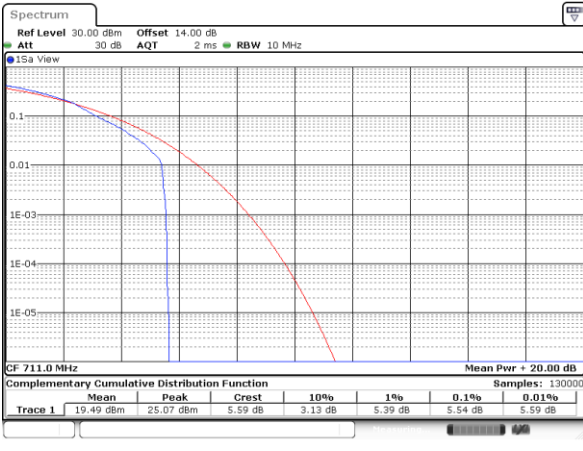
Date: 7\_MAY.2022 12:57:01

Middle Channel / Full RB



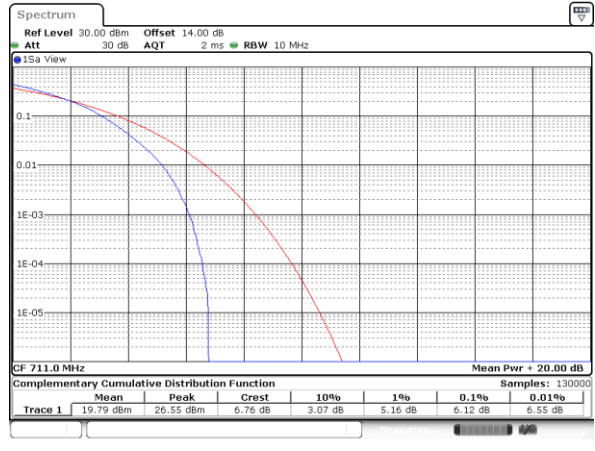
Date: 7\_MAY.2022 12:57:27

Highest Channel / 1RB



Date: 7\_MAY.2022 12:58:18

Highest Channel / Full RB



Date: 7\_MAY.2022 12:57:52