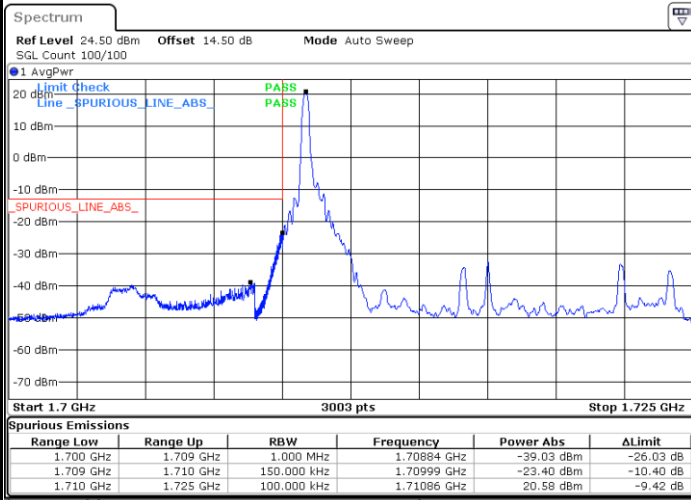




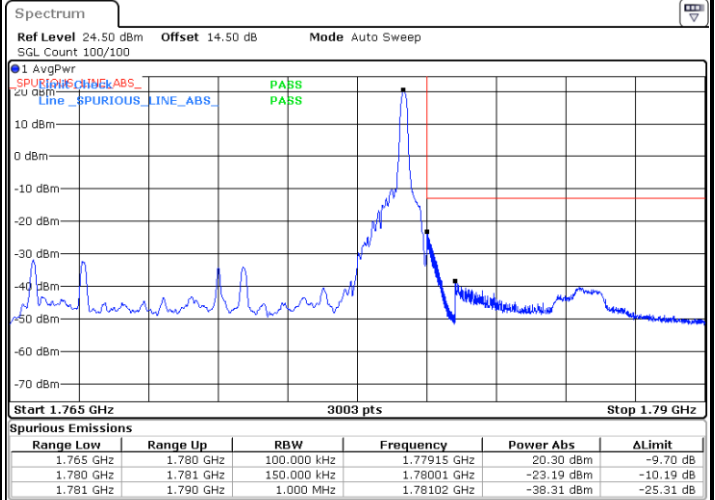
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



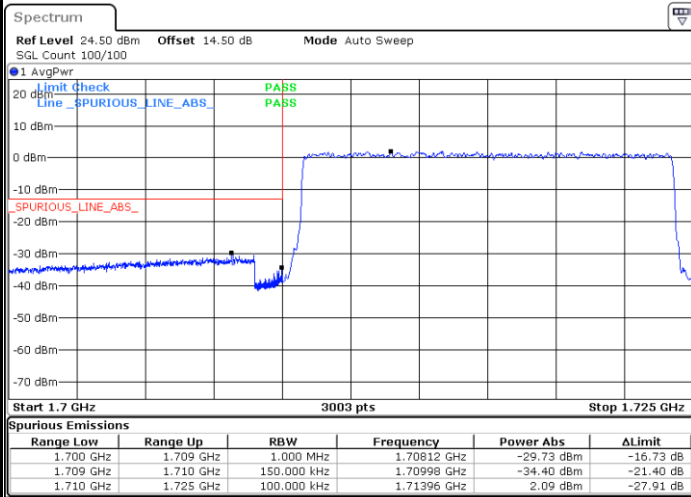
Date: 28.FEB.2023 19:57:24

Highest Band Edge / 1 RB



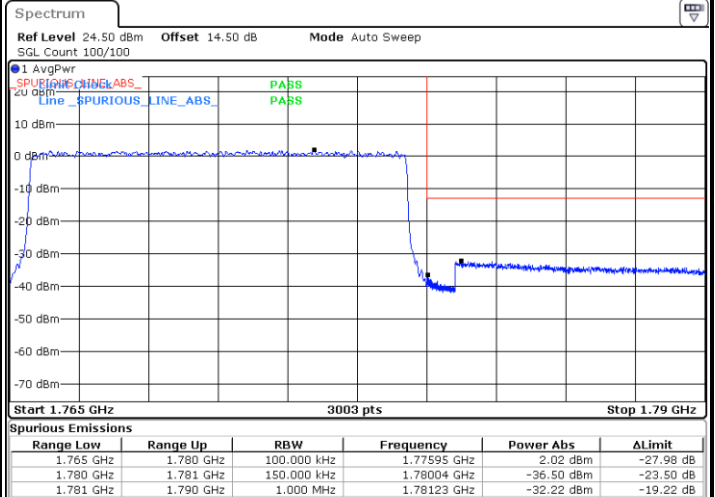
Date: 28.FEB.2023 20:10:41

Lowest Band Edge / Full RB



Date: 28.FEB.2023 20:00:00

Highest Band Edge / Full RB

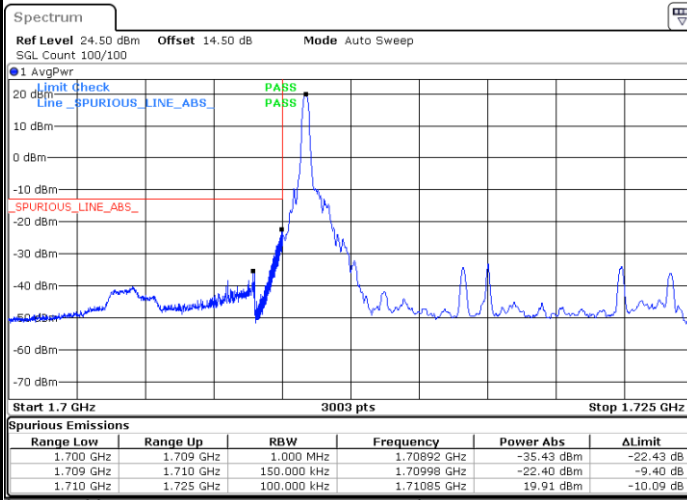


Date: 28.FEB.2023 20:13:18



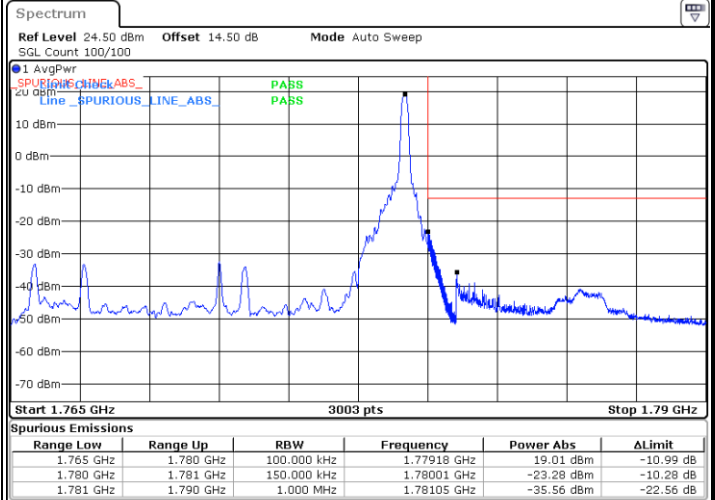
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



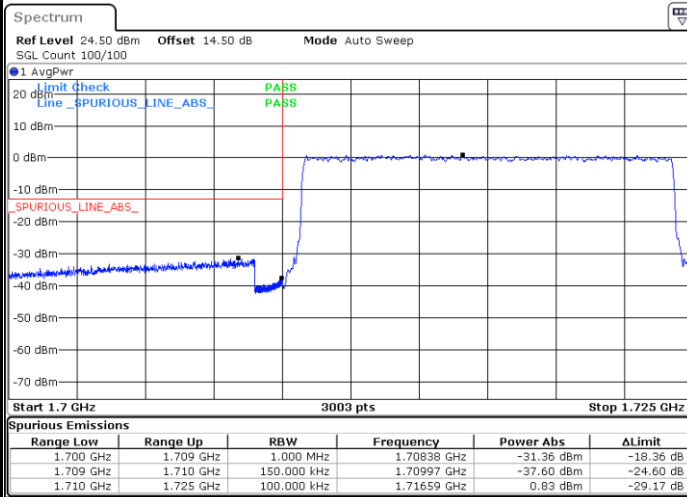
Date: 28.FEB.2023 19:58:42

Highest Band Edge / 1 RB



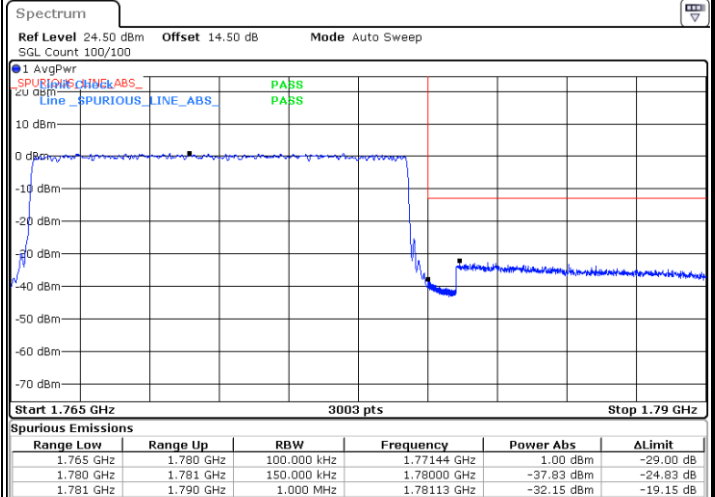
Date: 28.FEB.2023 20:11:59

Lowest Band Edge / Full RB



Date: 28.FEB.2023 20:01:18

Highest Band Edge / Full RB

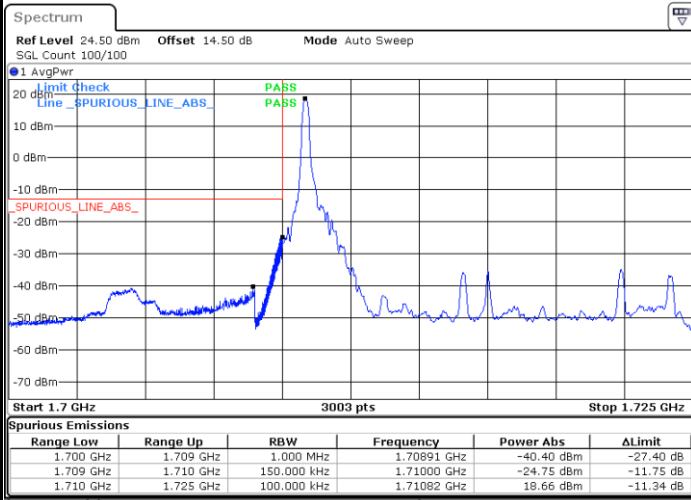


Date: 28.FEB.2023 20:14:36



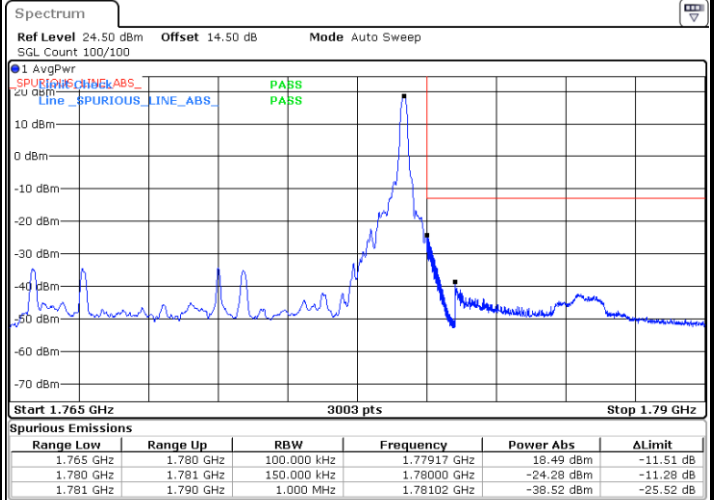
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



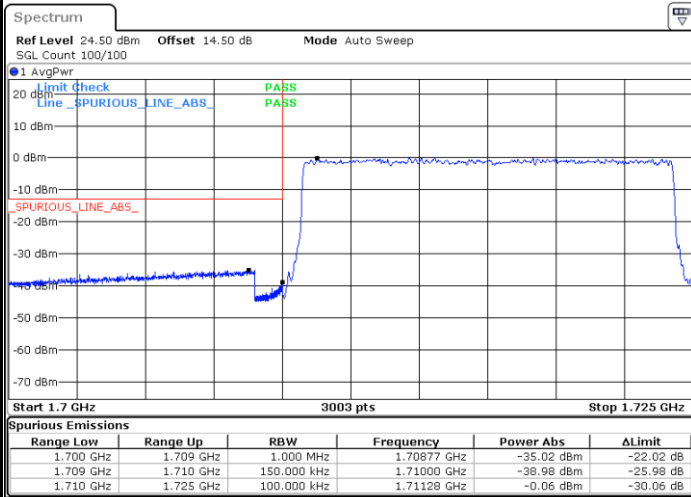
Date: 28.FEB.2023 19:45:36

Highest Band Edge / 1 RB



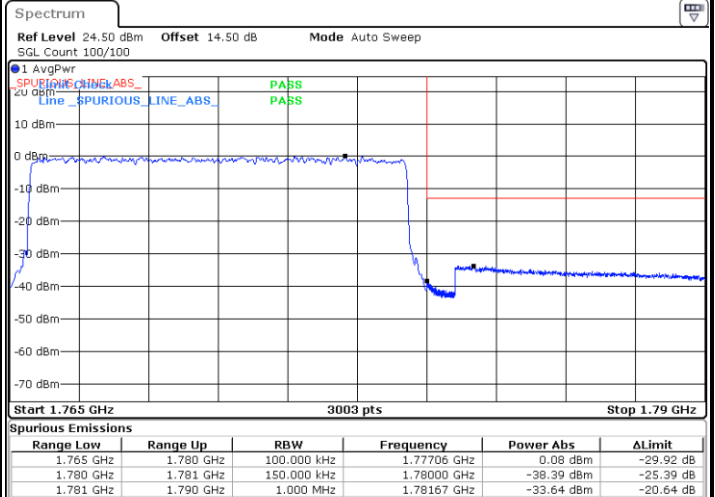
Date: 28.FEB.2023 19:51:59

Lowest Band Edge / Full RB



Date: 28.FEB.2023 19:46:55

Highest Band Edge / Full RB

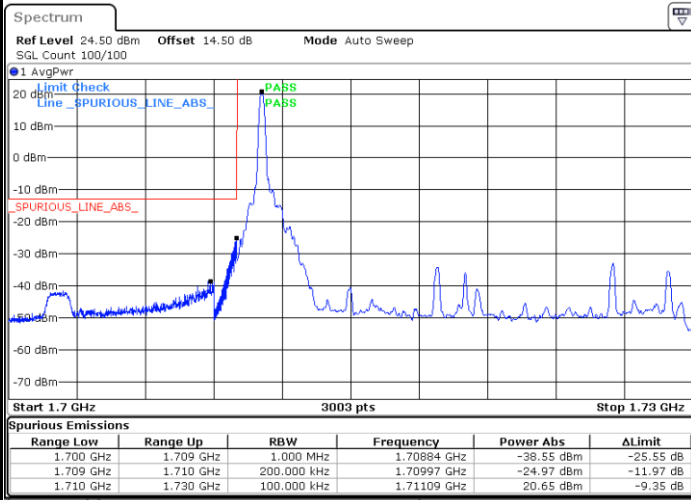


Date: 28.FEB.2023 19:53:16



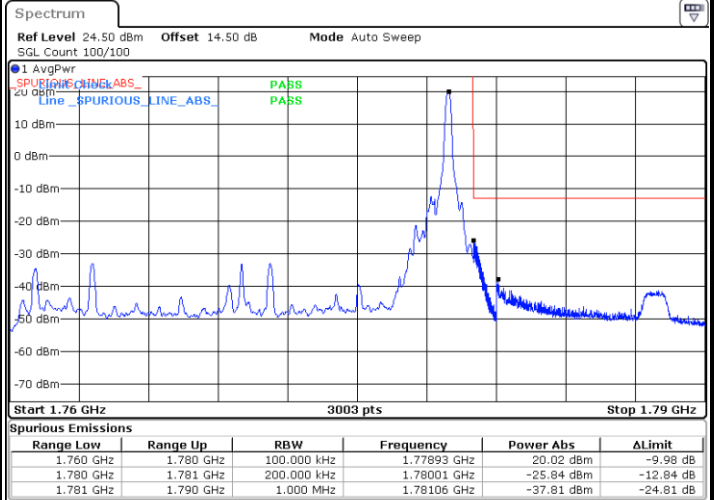
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



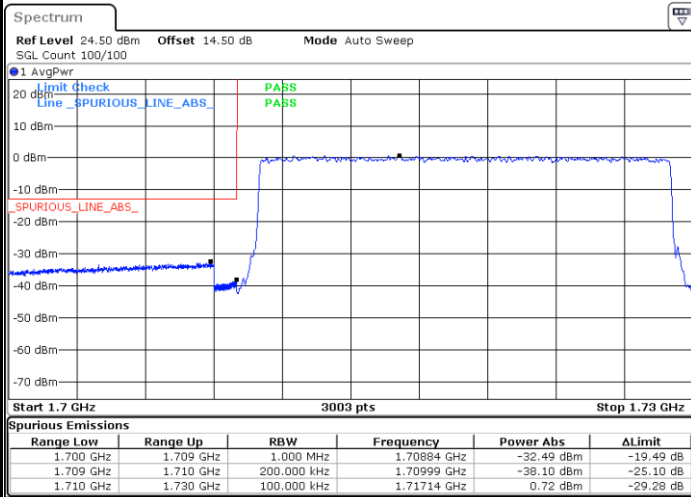
Date: 28.FEB.2023 20:19:57

Highest Band Edge / 1 RB



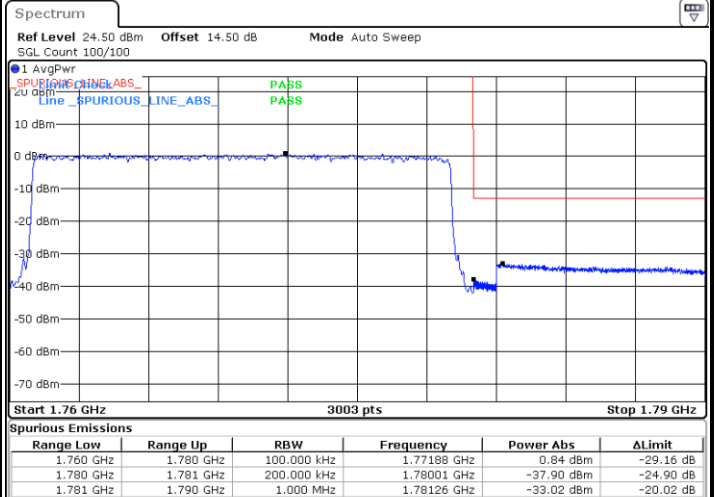
Date: 28.FEB.2023 20:33:15

Lowest Band Edge / Full RB



Date: 28.FEB.2023 20:22:33

Highest Band Edge / Full RB

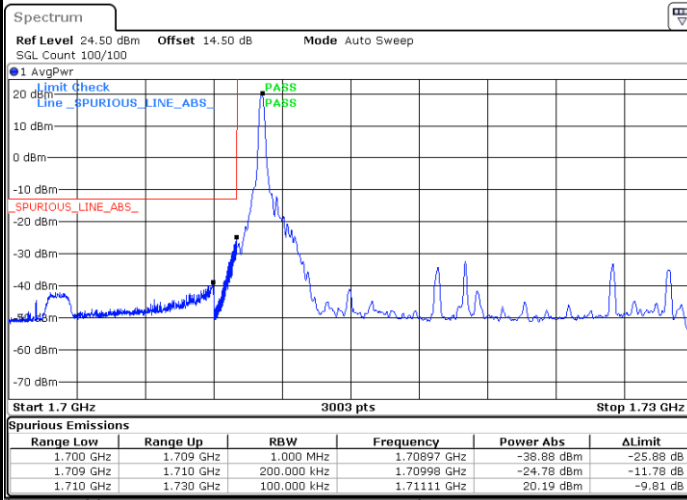


Date: 28.FEB.2023 20:35:51



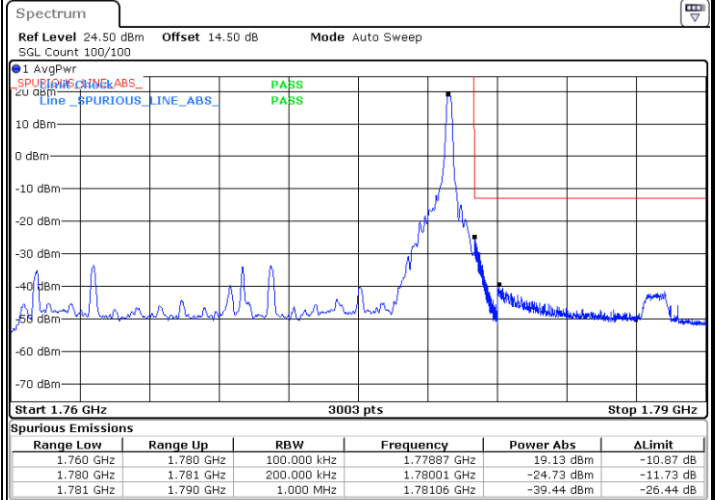
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



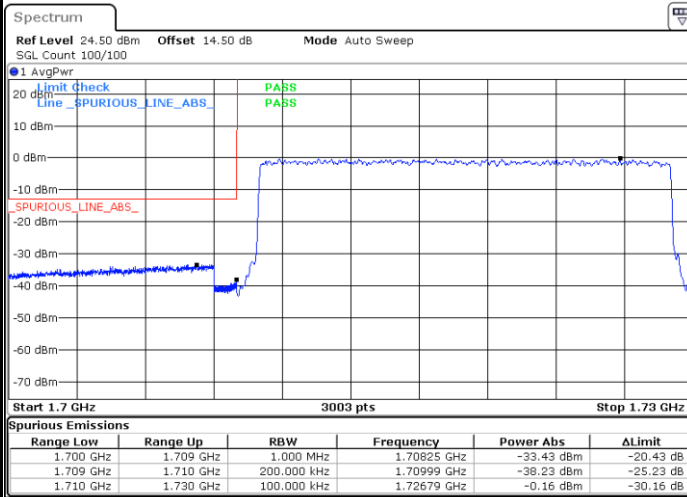
Date: 28.FEB.2023 20:21:14

Highest Band Edge / 1 RB



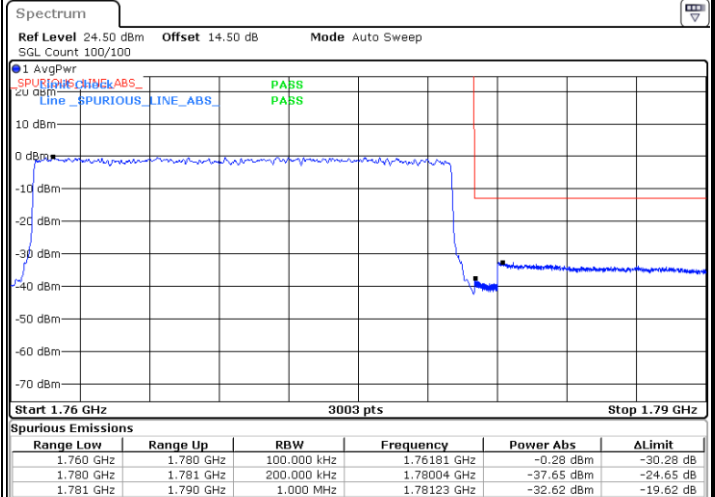
Date: 28.FEB.2023 20:34:33

Lowest Band Edge / Full RB



Date: 28.FEB.2023 20:23:51

Highest Band Edge / Full RB

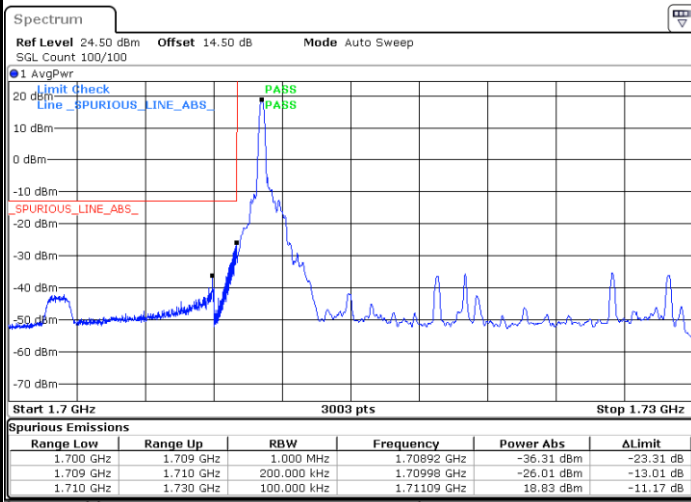


Date: 28.FEB.2023 20:37:10



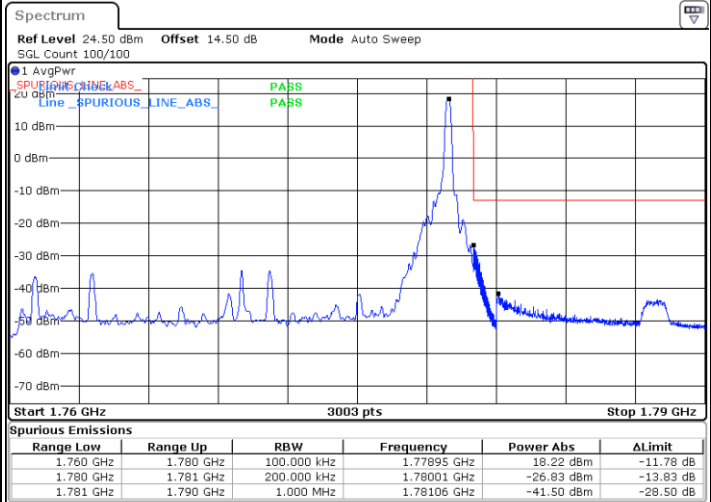
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



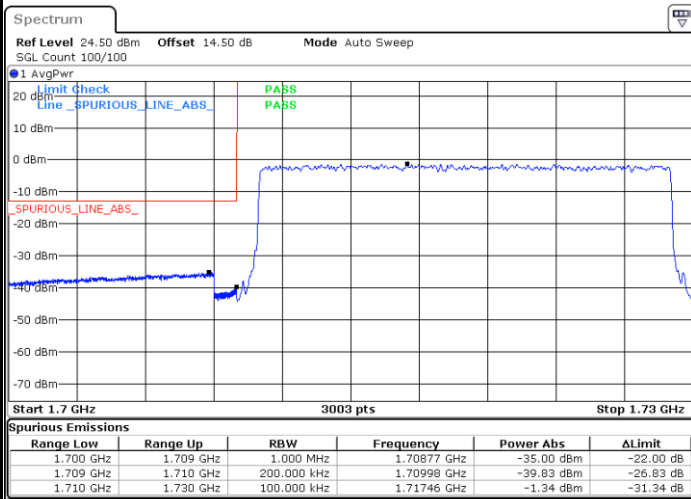
Date: 28.FEB.2023 20:41:32

Highest Band Edge / 1 RB



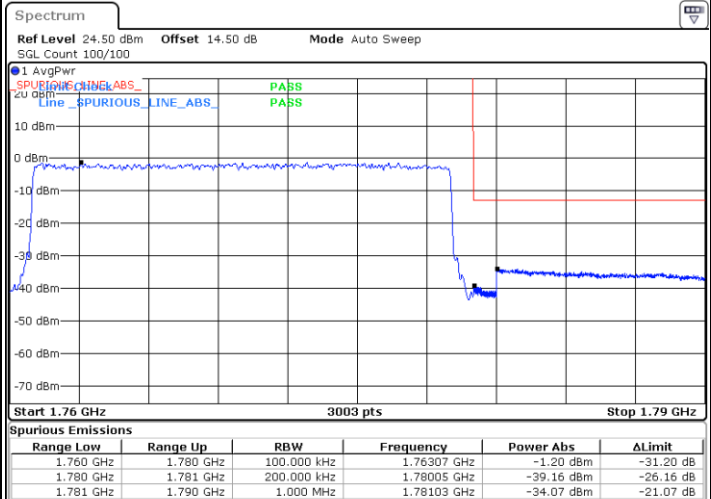
Date: 28.FEB.2023 20:47:52

Lowest Band Edge / Full RB



Date: 28.FEB.2023 20:42:51

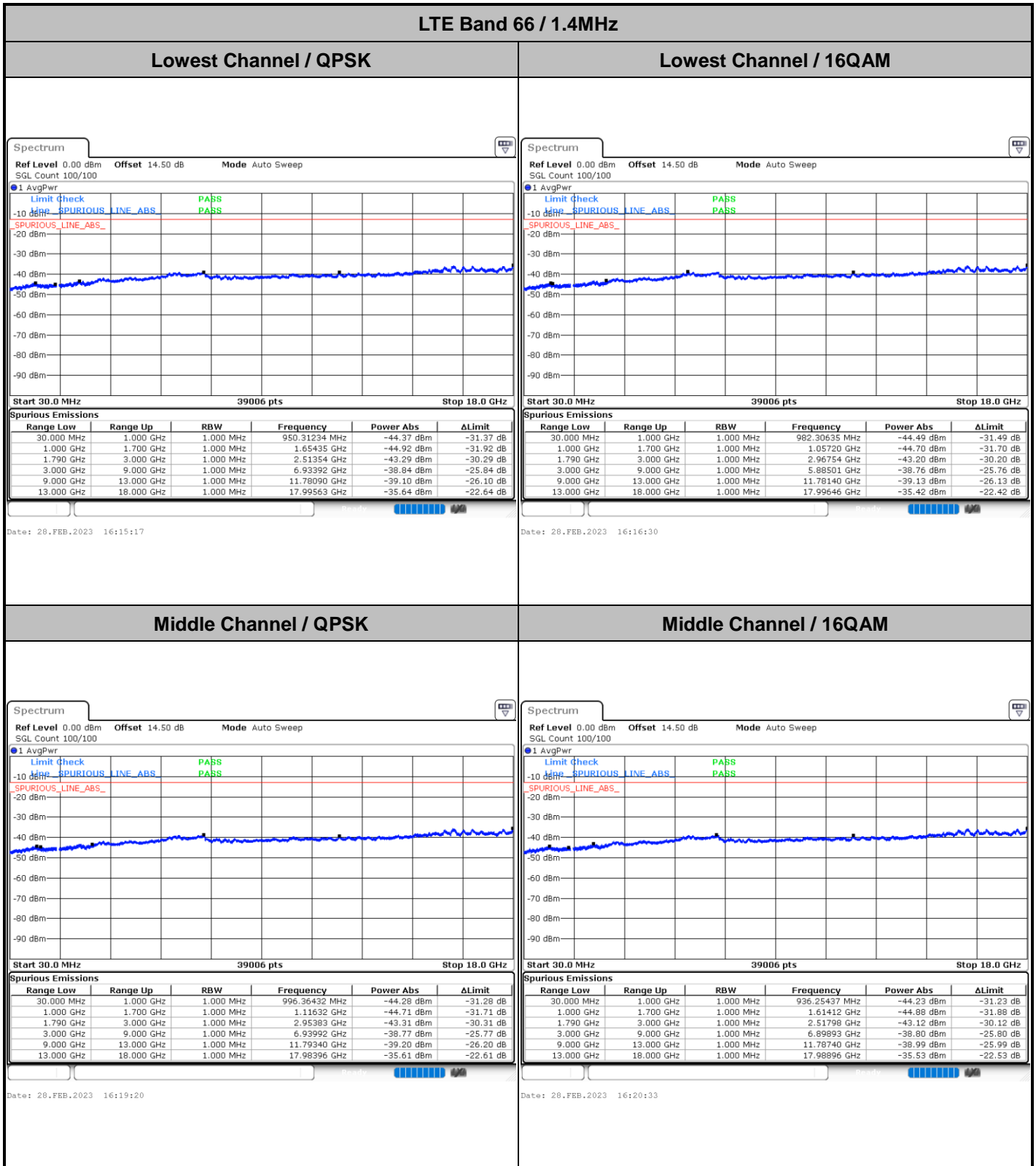
Highest Band Edge / Full RB



Date: 28.FEB.2023 20:49:09



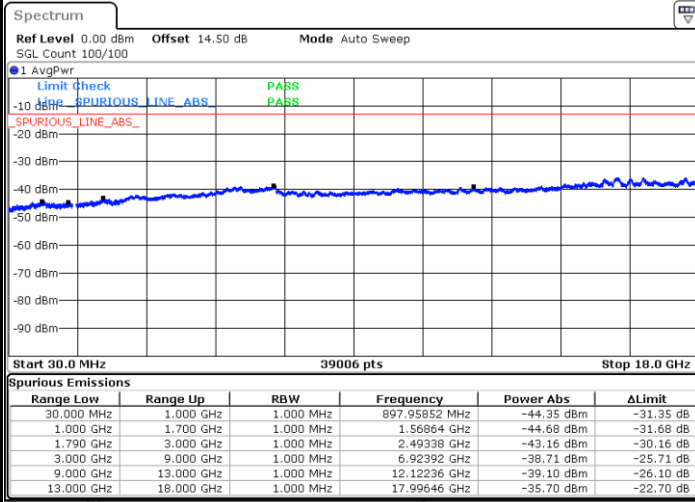
# Conducted Spurious Emission





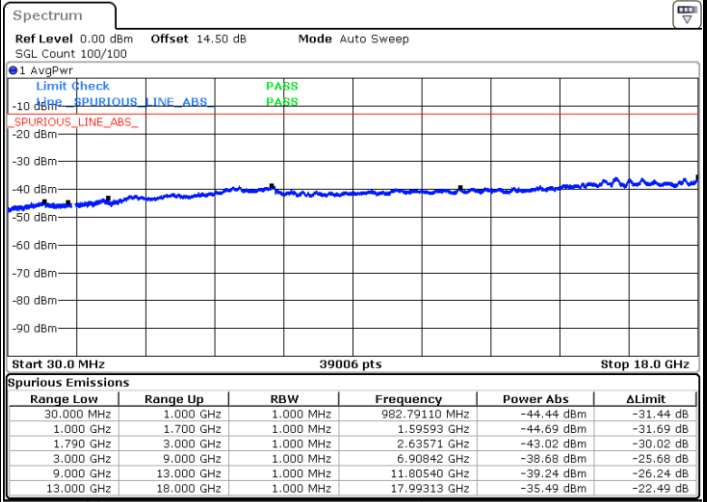
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 28.FEB.2023 16:28:35

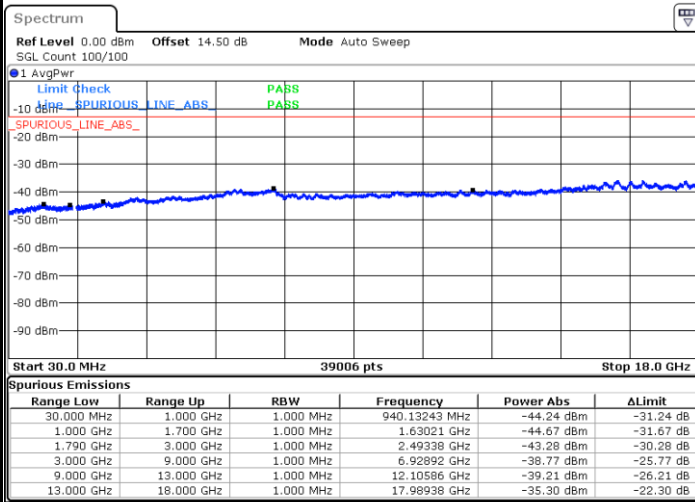
Highest Channel / 16QAM



Date: 28.FEB.2023 16:29:48

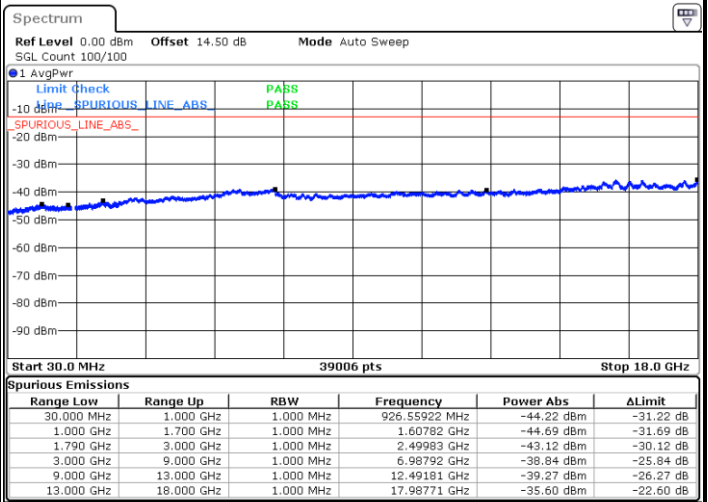
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 28.FEB.2023 16:37:50

Lowest Channel / 16QAM



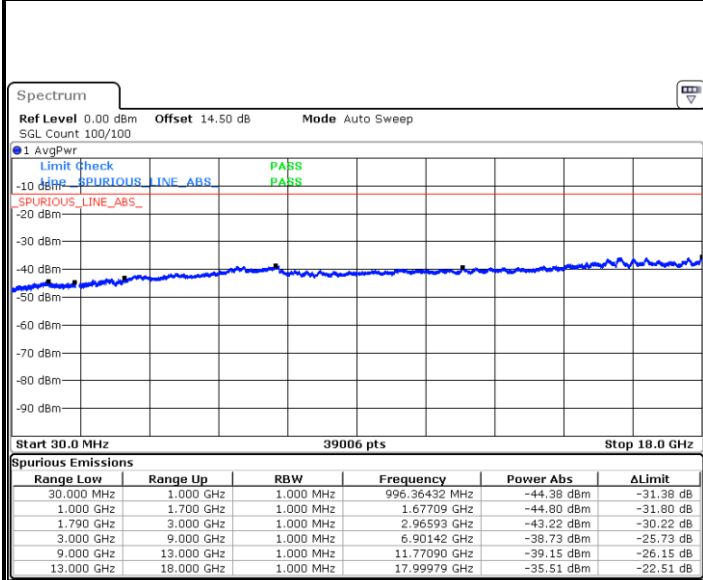
Date: 28.FEB.2023 16:39:04





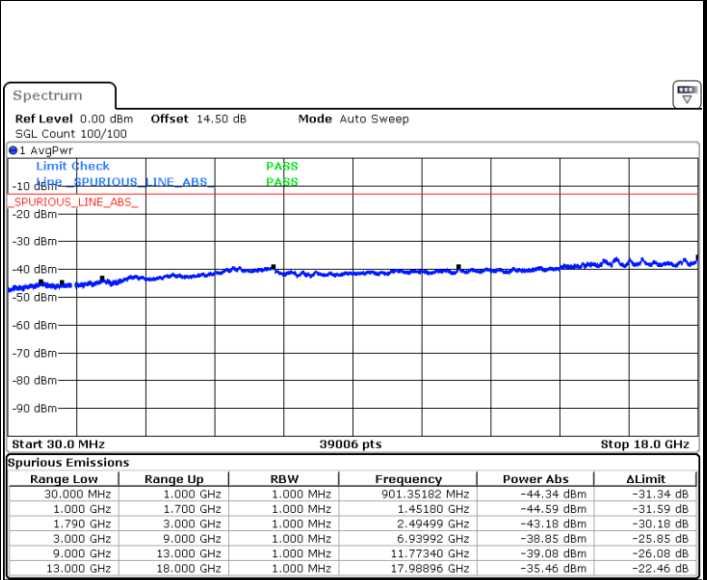
LTE Band 66 / 3MHz

Middle Channel / QPSK



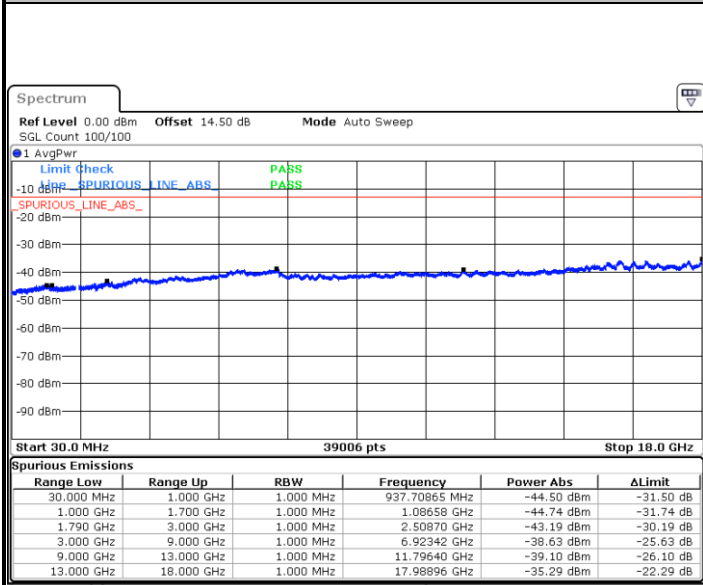
Date: 28.FEB.2023 16:41:54

Middle Channel / 16QAM



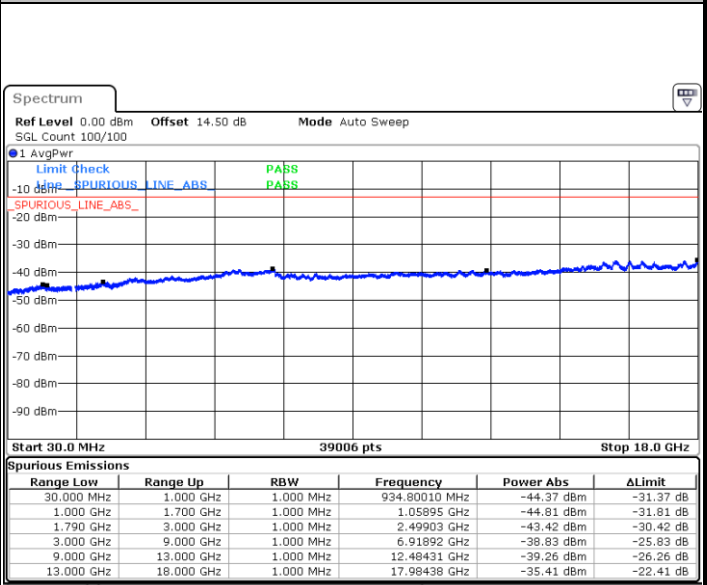
Date: 28.FEB.2023 16:43:07

Highest Channel / QPSK



Date: 28.FEB.2023 16:51:09

Highest Channel / 16QAM



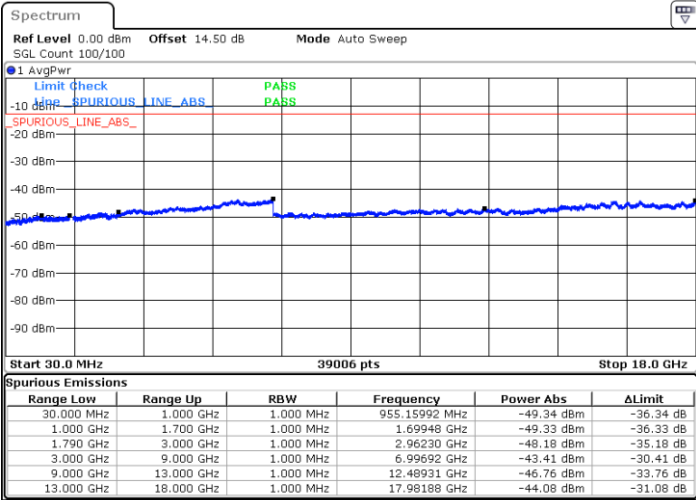
Date: 28.FEB.2023 16:52:22



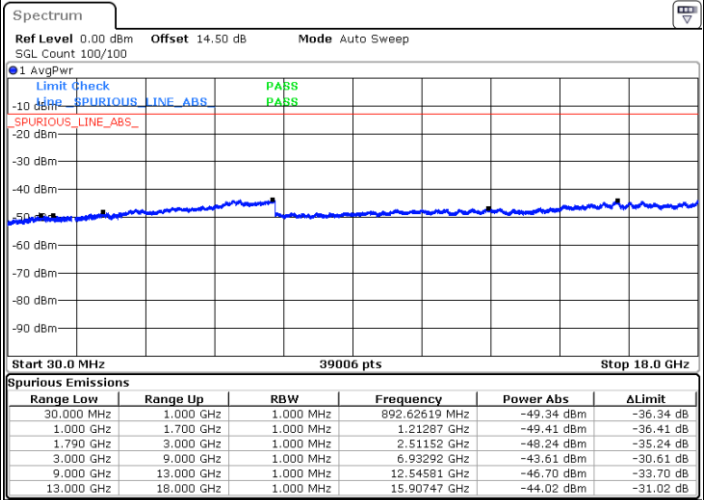
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



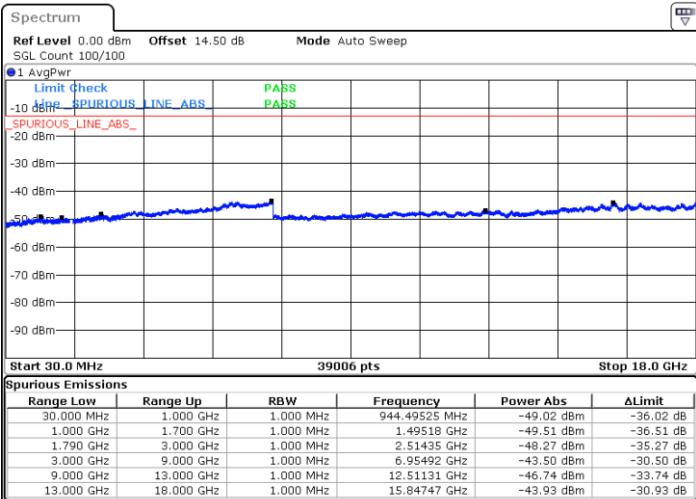
Date: 28.FEB.2023 18:55:46



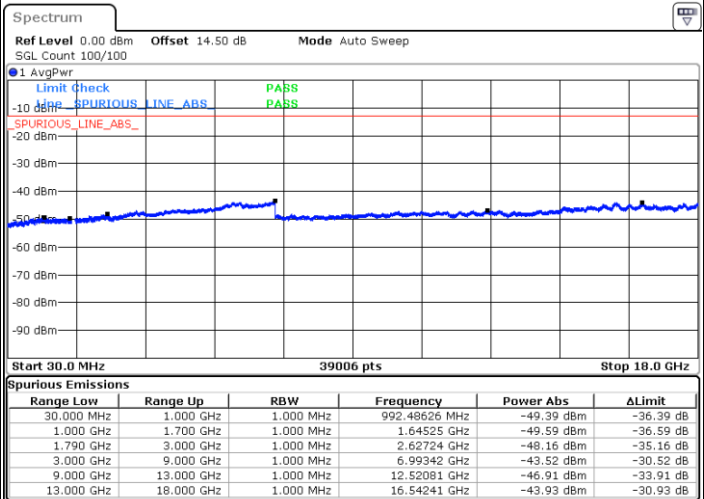
Date: 28.FEB.2023 18:56:59

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 28.FEB.2023 18:59:48

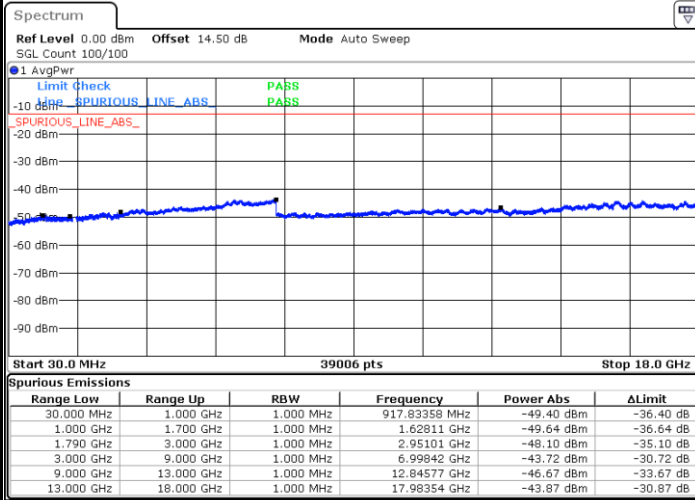


Date: 28.FEB.2023 19:01:01



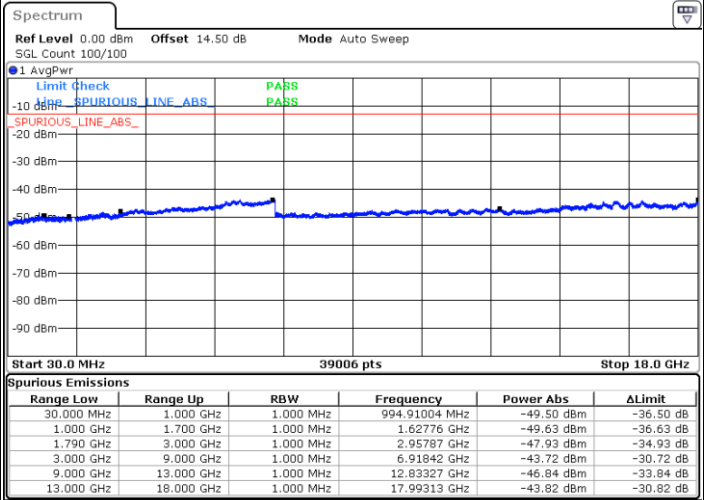
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 28.FEB.2023 21:13:51

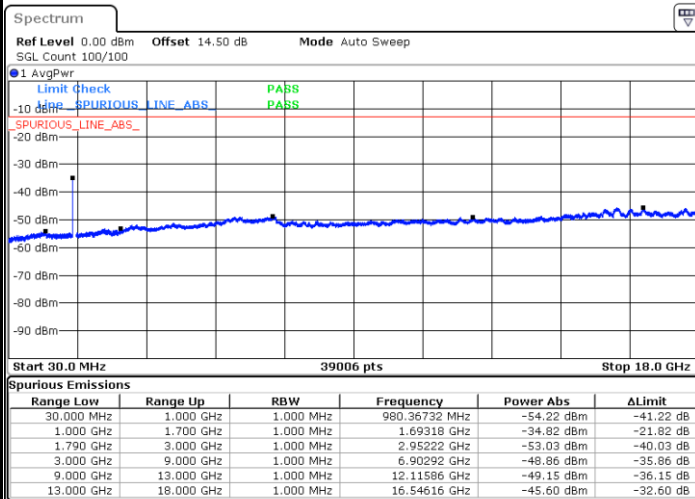
Highest Channel / 16QAM



Date: 28.FEB.2023 19:10:17

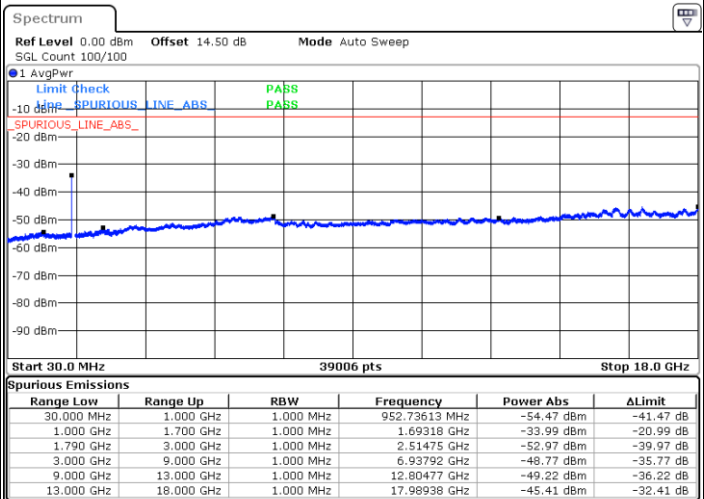
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 28.FEB.2023 19:18:19

Lowest Channel / 16QAM



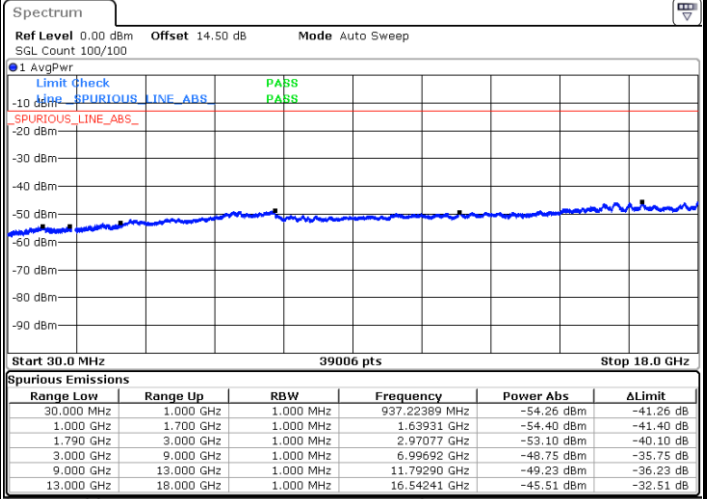
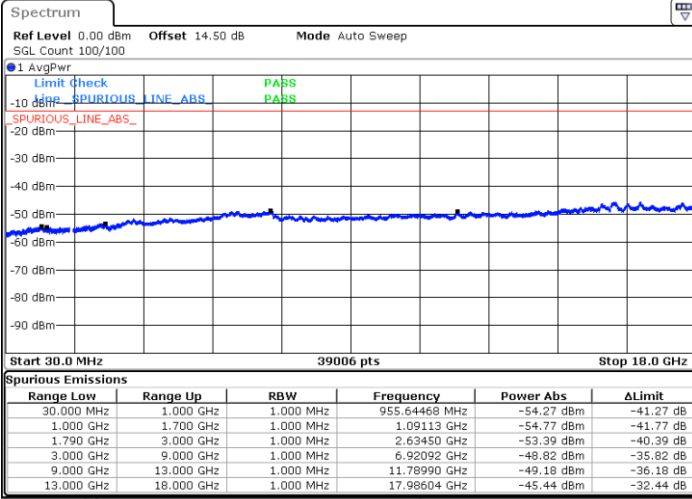
Date: 28.FEB.2023 19:19:32



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

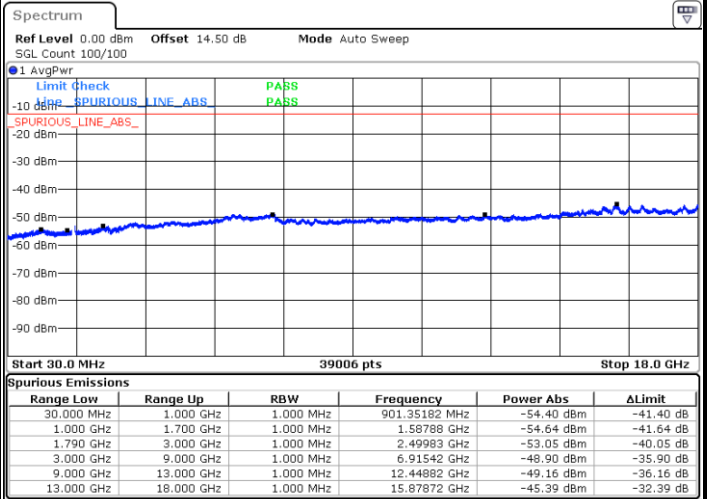
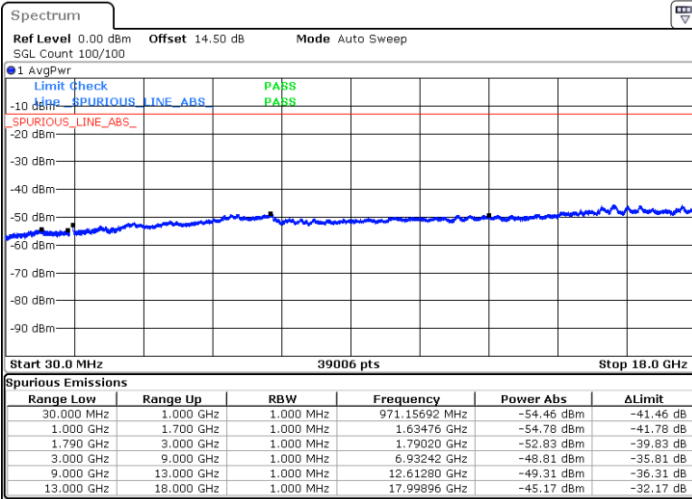


Date: 28.FEB.2023 19:22:21

Date: 28.FEB.2023 19:23:35

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.FEB.2023 19:31:37

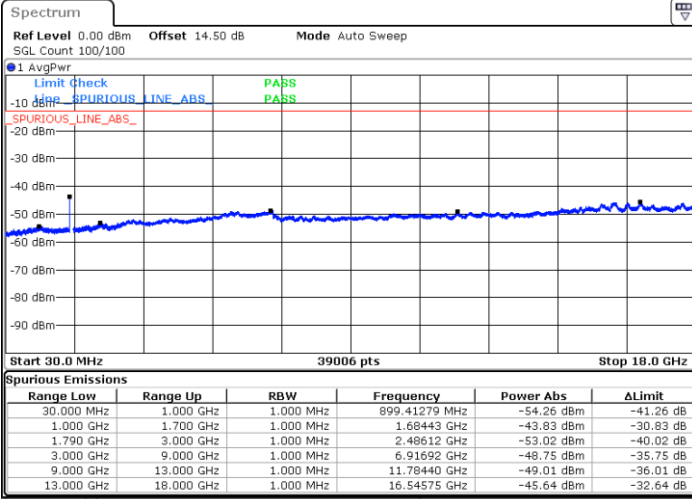
Date: 28.FEB.2023 19:32:50



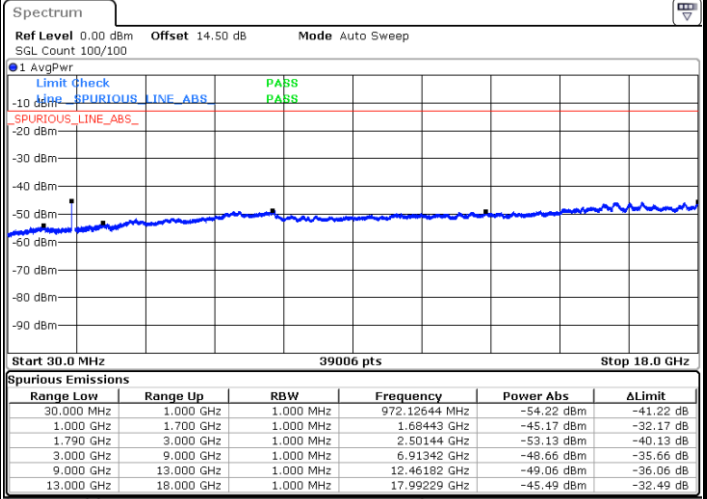
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



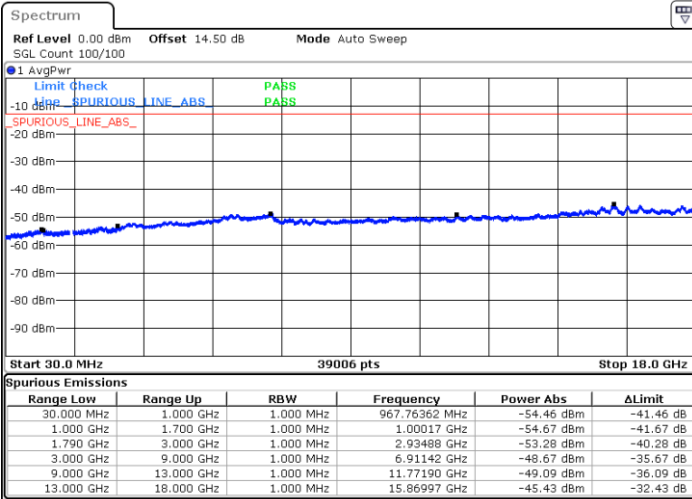
Date: 28.FEB.2023 20:02:31



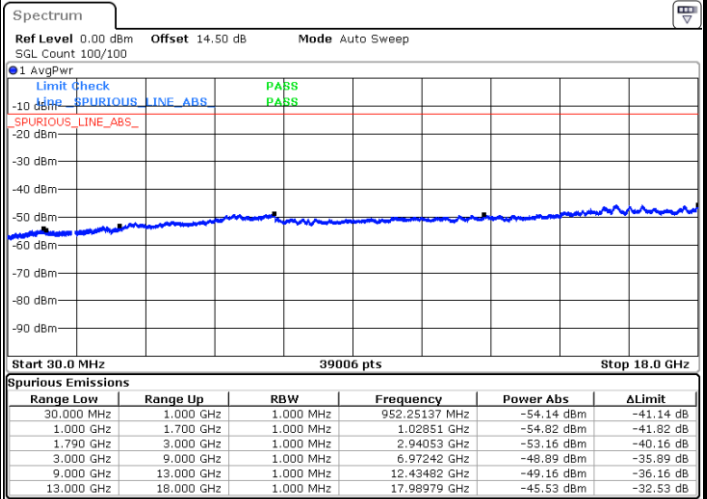
Date: 28.FEB.2023 20:03:45

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 28.FEB.2023 20:06:34

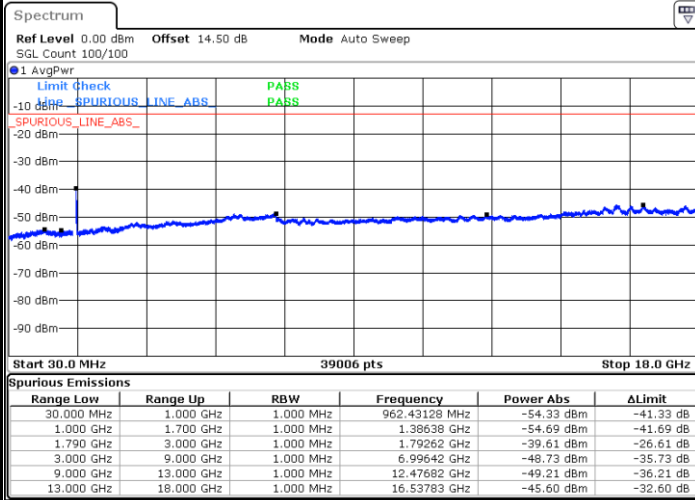


Date: 28.FEB.2023 20:07:47



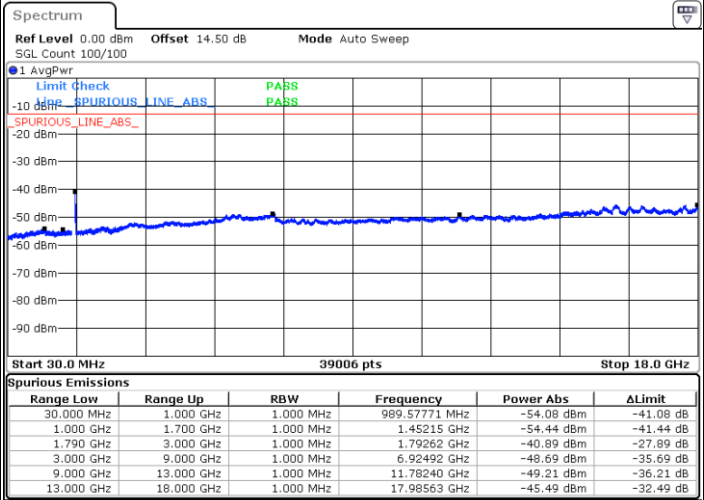
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 28.FEB.2023 20:15:49

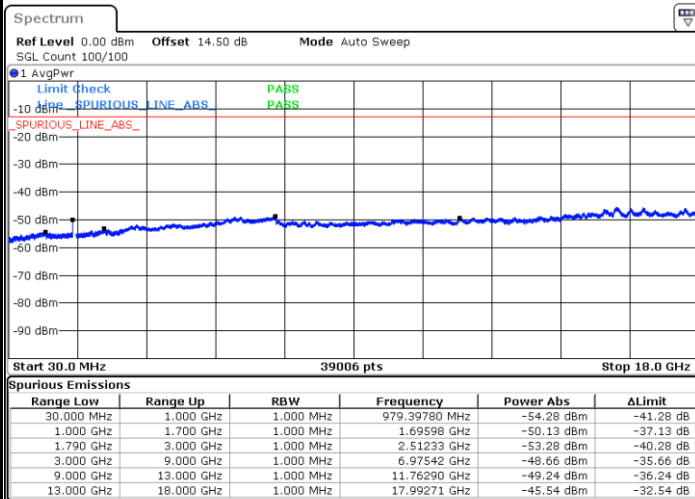
Highest Channel / 16QAM



Date: 28.FEB.2023 20:17:01

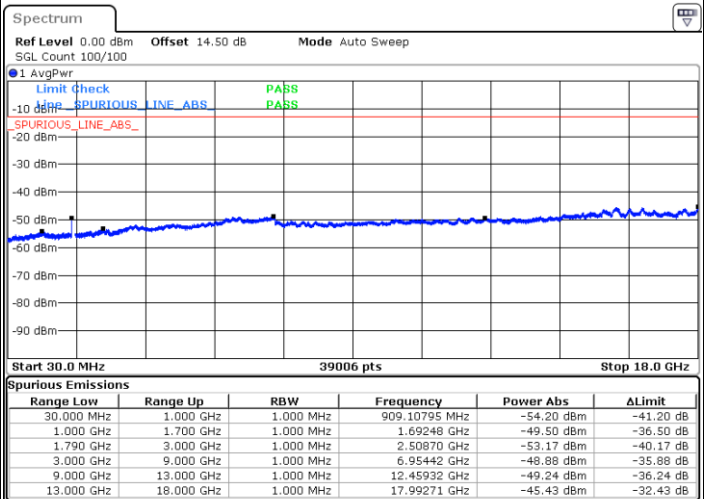
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 28.FEB.2023 20:25:05

Lowest Channel / 16QAM



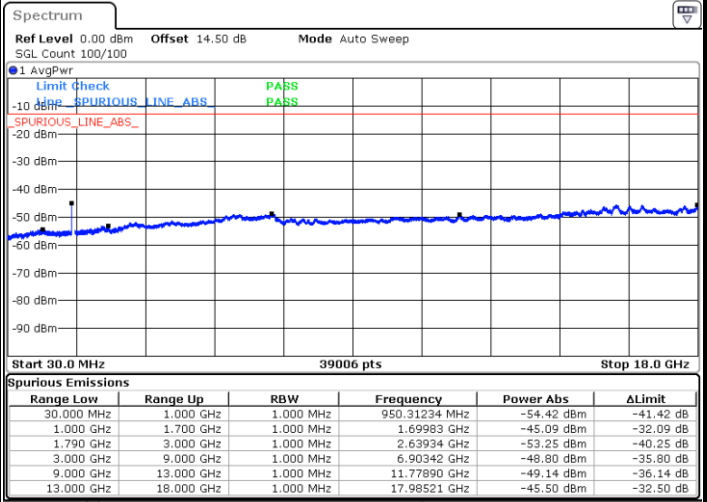
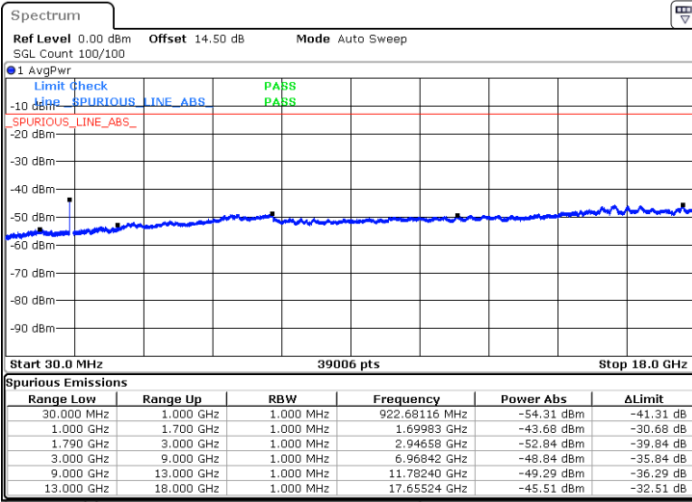
Date: 28.FEB.2023 20:26:18



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

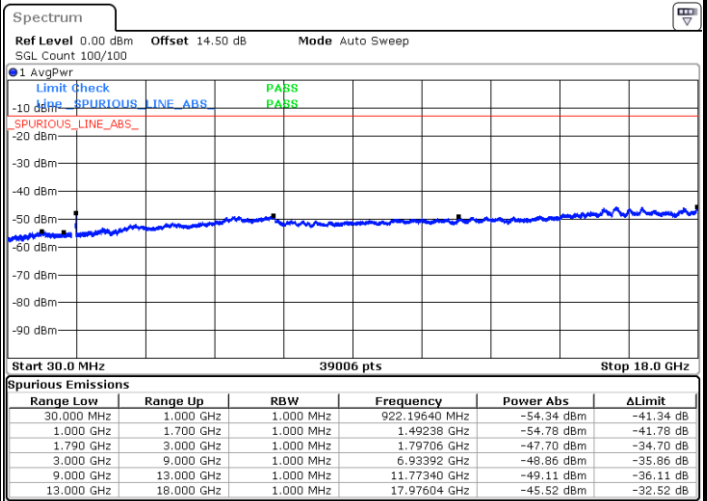
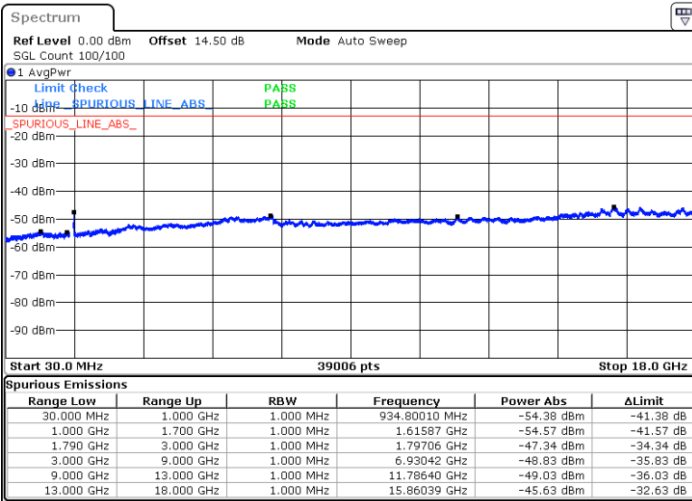


Date: 28.FEB.2023 20:29:07

Date: 28.FEB.2023 20:30:21

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.FEB.2023 20:38:23

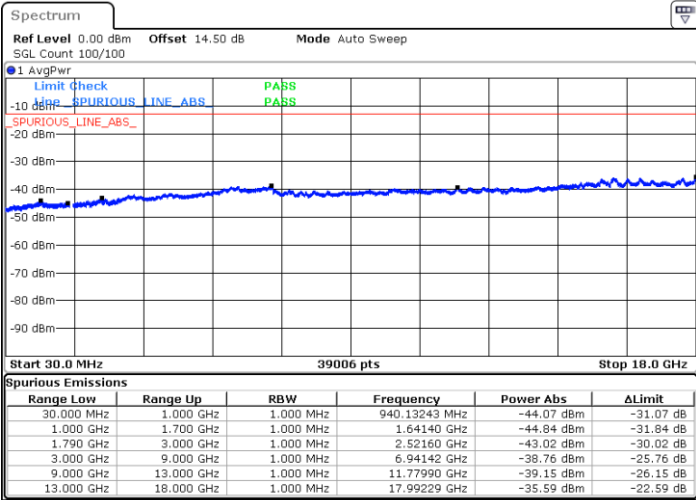
Date: 28.FEB.2023 20:39:36



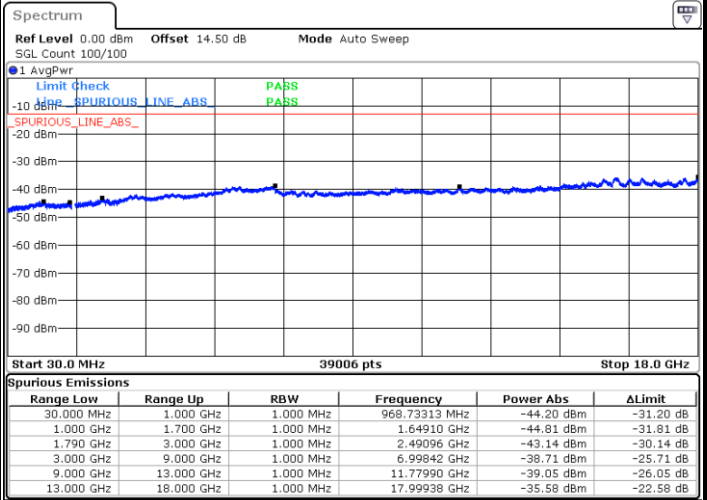
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

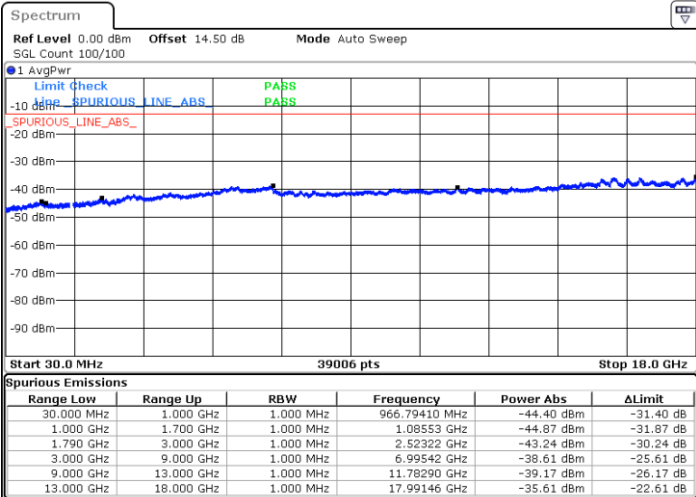


Date: 28.FEB.2023 18:12:07



Date: 28.FEB.2023 18:13:59

Highest Channel / 64QAM



Date: 28.FEB.2023 18:18:27

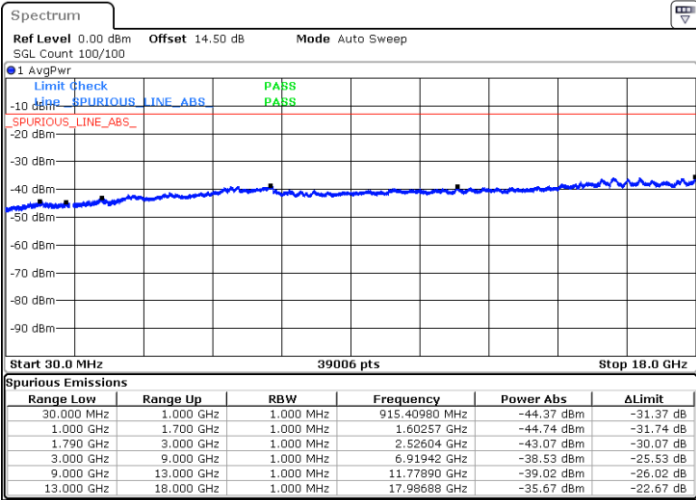




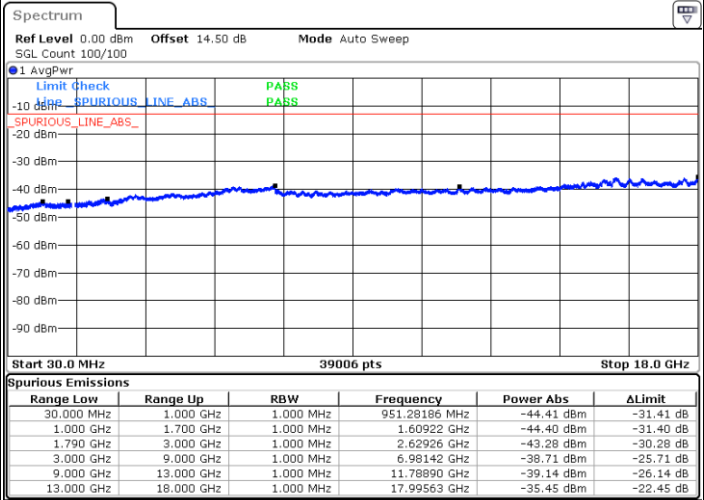
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

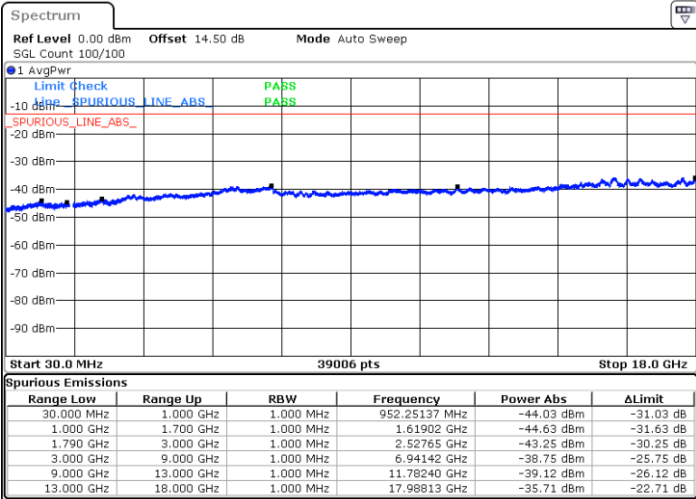


Date: 28.FEB.2023 18:22:53



Date: 28.FEB.2023 18:24:45

Highest Channel / 64QAM



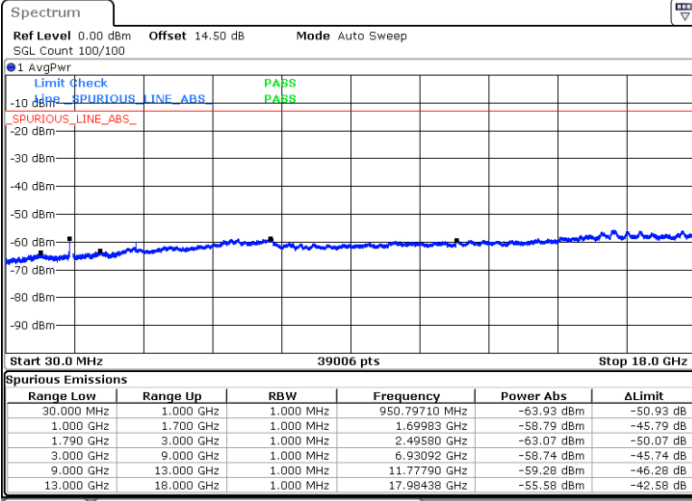
Date: 28.FEB.2023 18:29:13



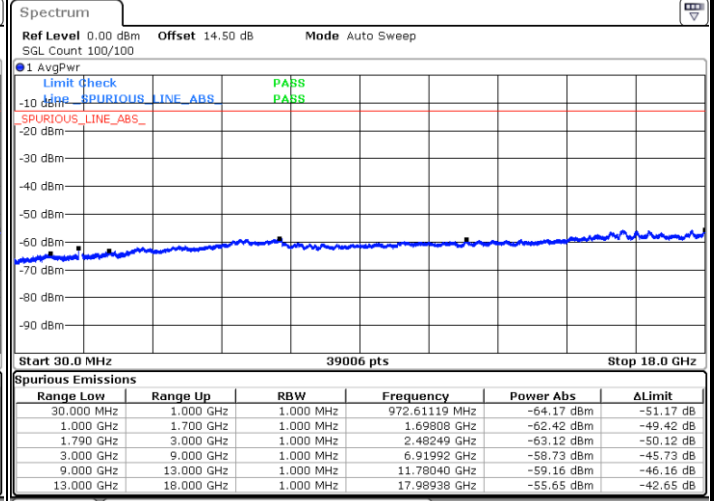
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

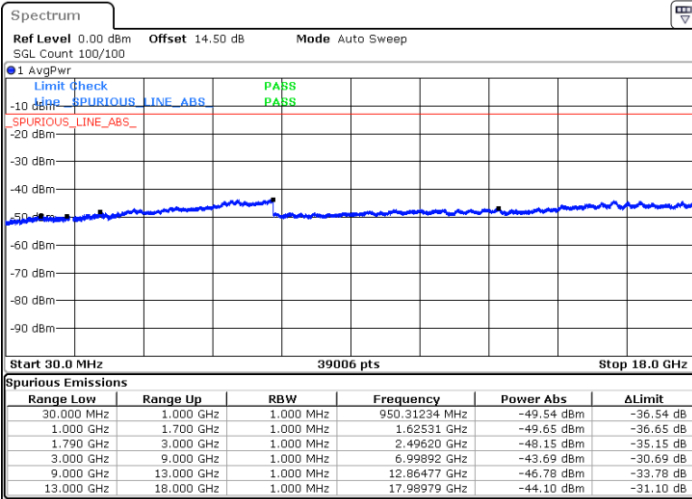


Date: 28.FEB.2023 18:37:26



Date: 28.FEB.2023 18:39:18

Highest Channel / 64QAM

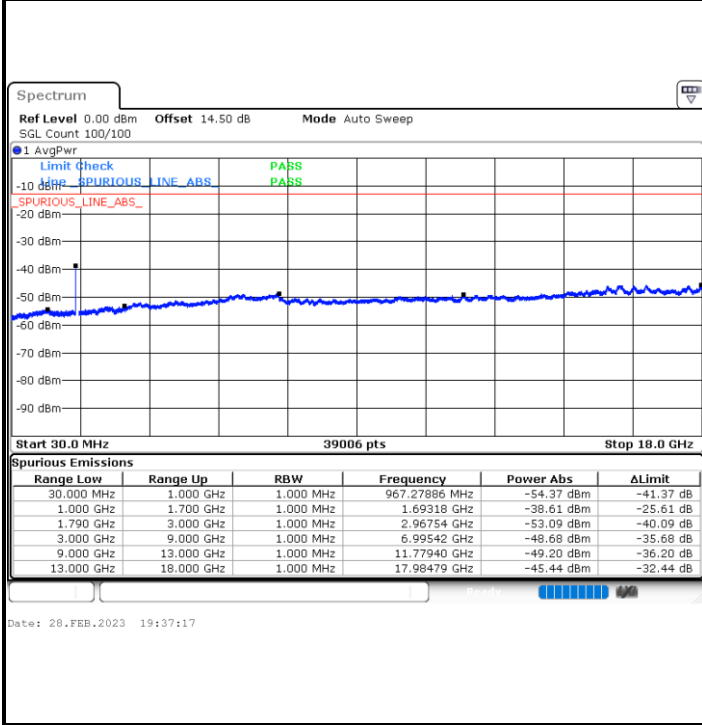


Date: 28.FEB.2023 21:12:36

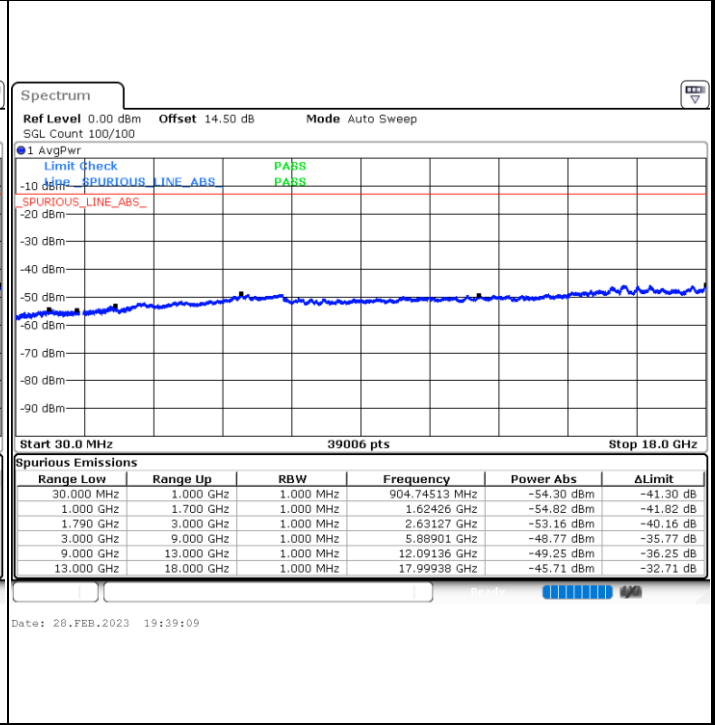


**LTE Band 66 / 10MHz**

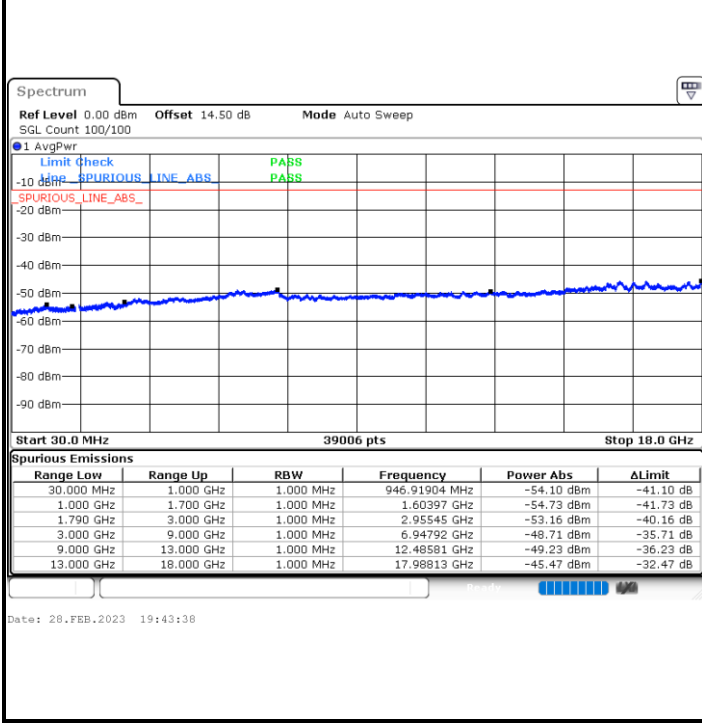
**Lowest Channel / 64QAM**



**Middle Channel / 64QAM**



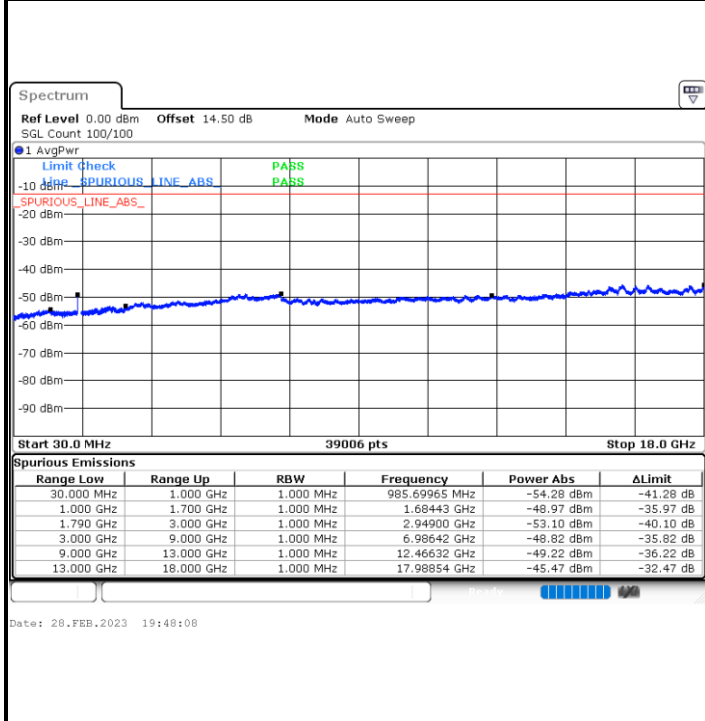
**Highest Channel / 64QAM**



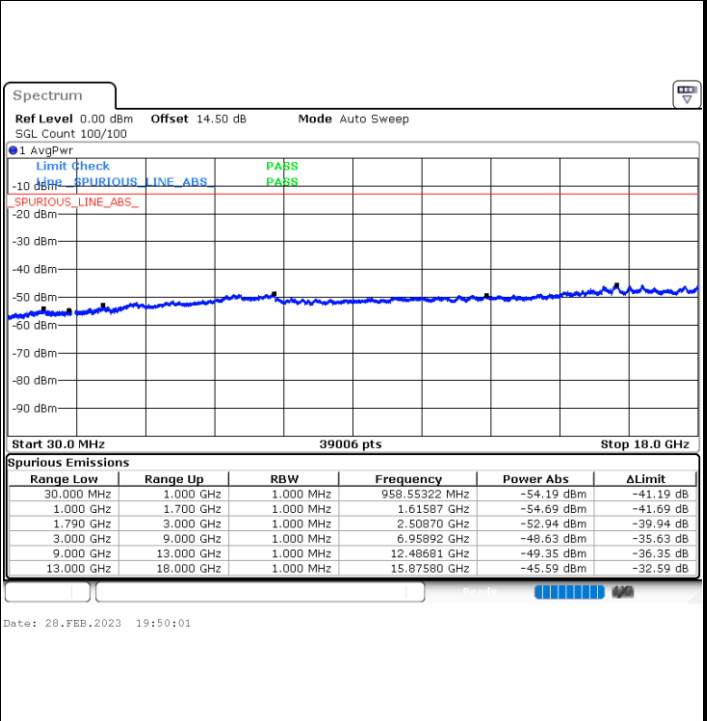


**LTE Band 66 / 15MHz**

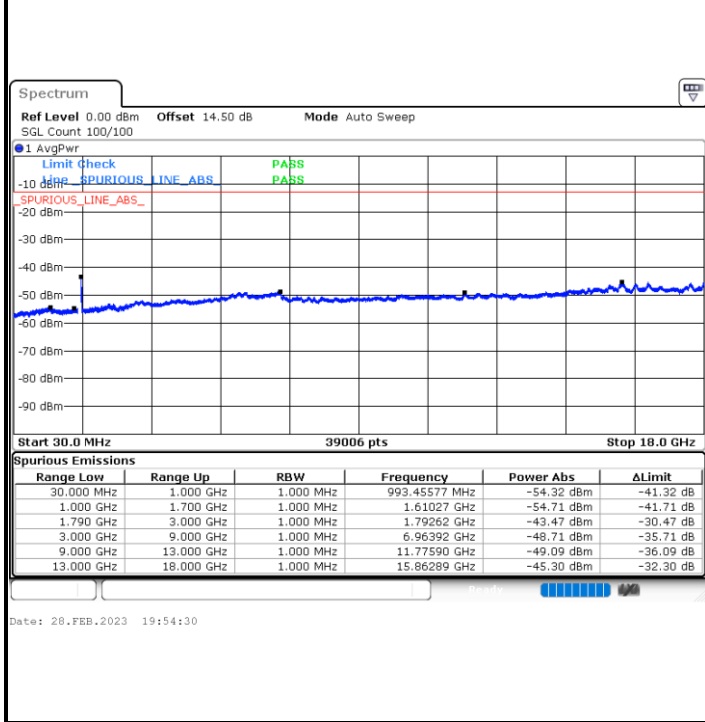
**Lowest Channel / 64QAM**



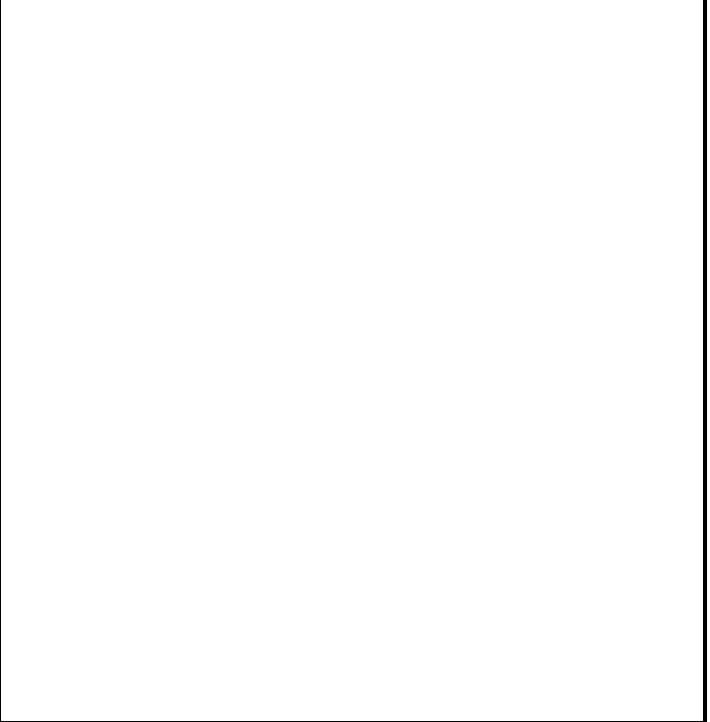
**Middle Channel / 64QAM**



**Highest Channel / 64QAM**



**Highest Channel / 64QAM**

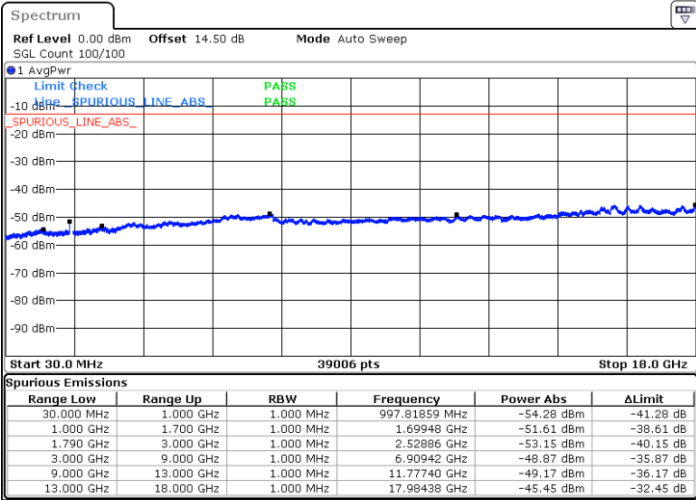




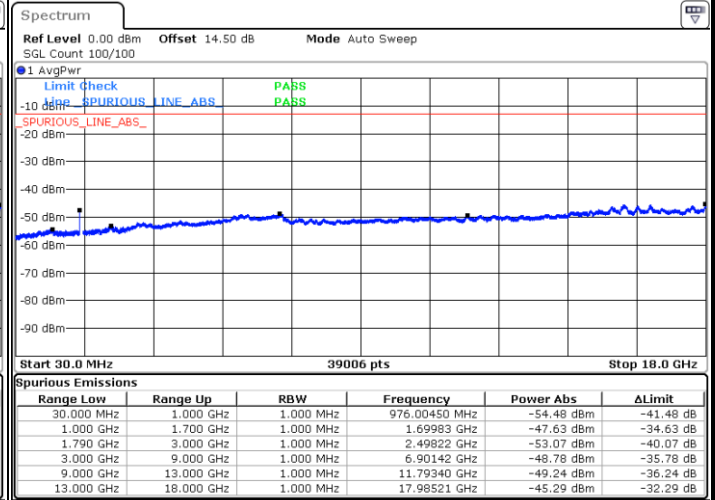
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

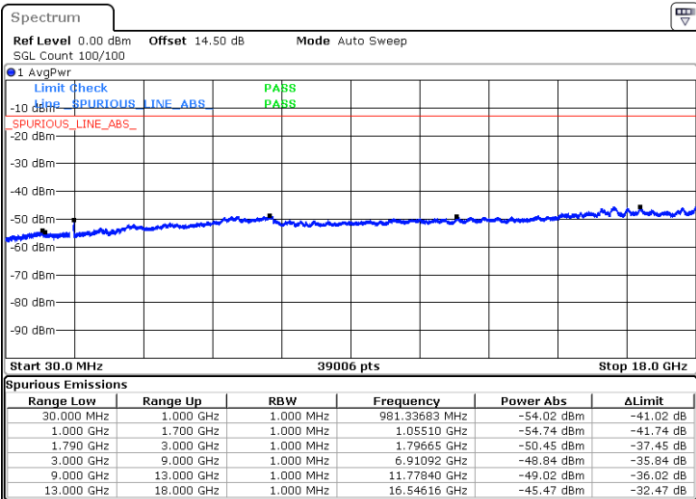


Date: 28.FEB.2023 20:44:04



Date: 28.FEB.2023 20:45:55

Highest Channel / 64QAM



Date: 28.FEB.2023 20:50:23



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



### LTE Band 66 other PA

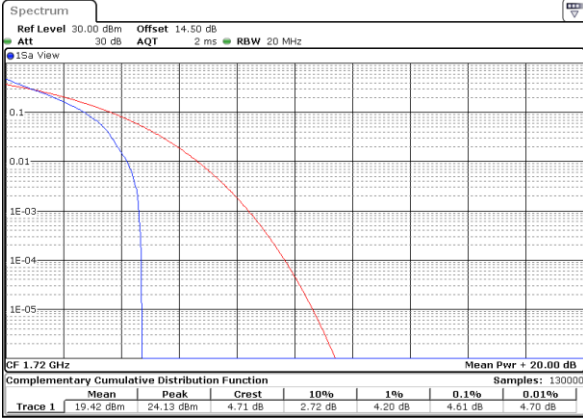
#### Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.61	5.16	5.39	5.97	PASS
Middle CH	5.13	5.22	6.43	6.09	
Highest CH	4.96	5.16	5.71	6.20	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.09	6.14	-	-	PASS
Middle CH	6.93	6.55	-	-	
Highest CH	6.58	6.49	-	-	



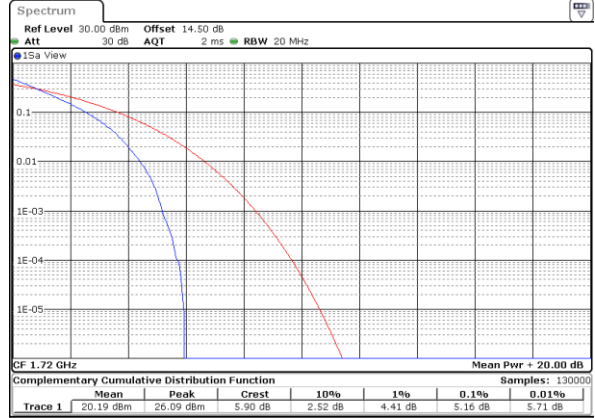
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



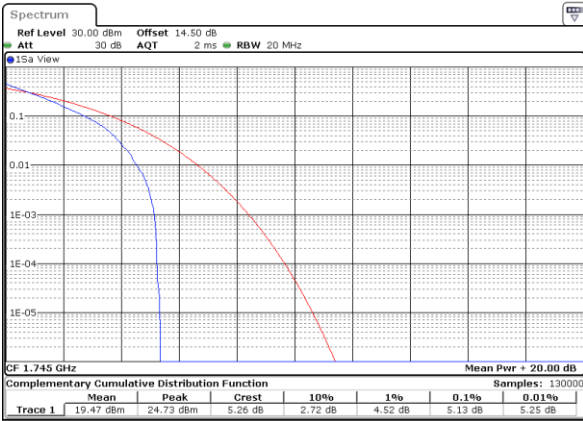
Date: 7\_MAR\_2023 15:01:02

Lowest Channel / Full RB



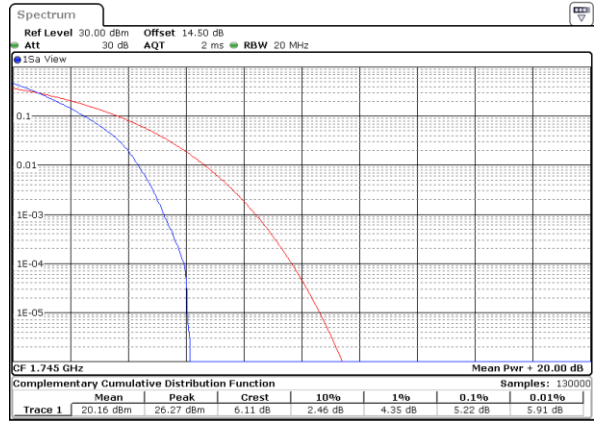
Date: 7\_MAR\_2023 15:01:27

Middle Channel / 1RB



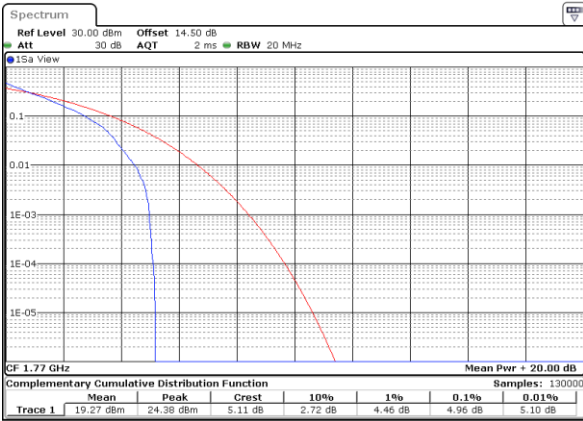
Date: 7\_MAR\_2023 15:01:53

Middle Channel / Full RB



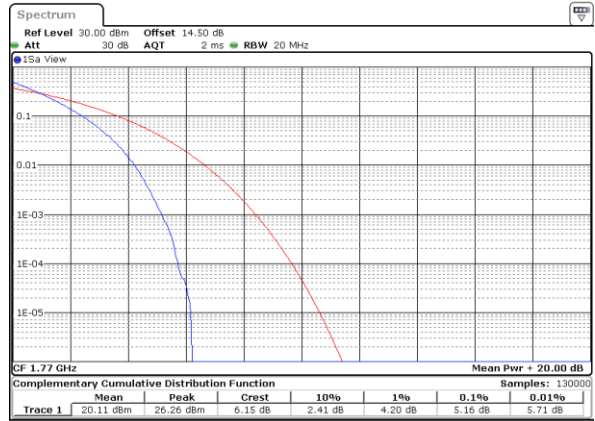
Date: 7\_MAR\_2023 15:02:19

Highest Channel / 1RB



Date: 7\_MAR\_2023 15:02:44

Highest Channel / Full RB



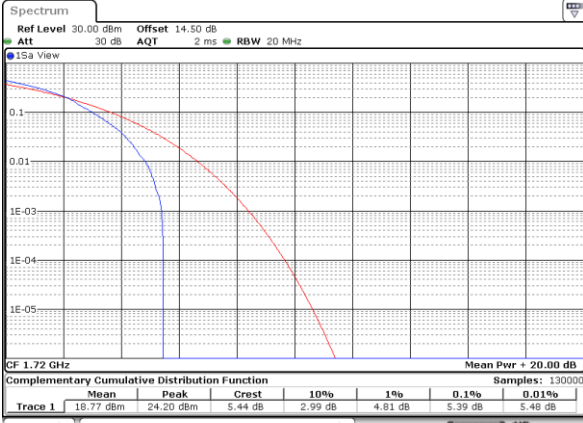
Date: 7\_MAR\_2023 15:03:10





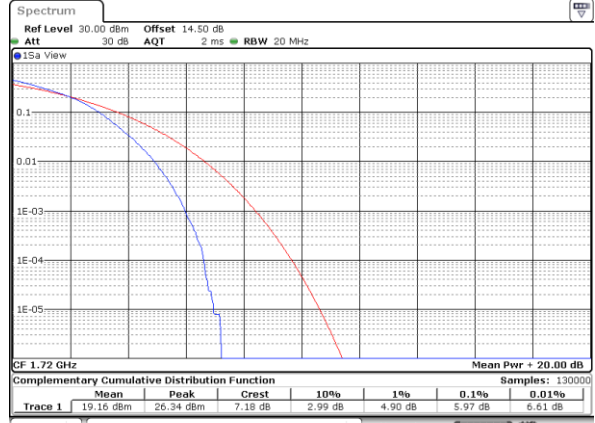
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



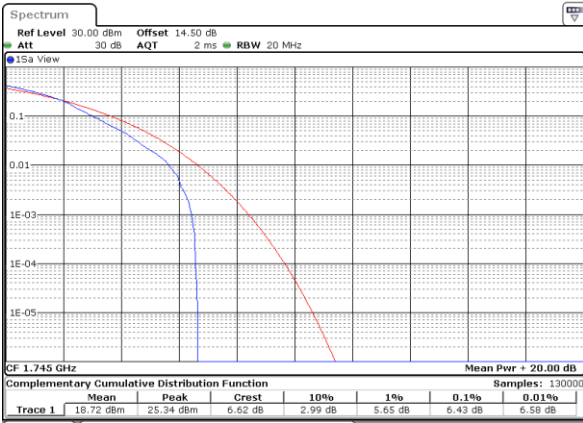
Date: 7\_MAR\_2023 14:58:27

Lowest Channel / Full RB



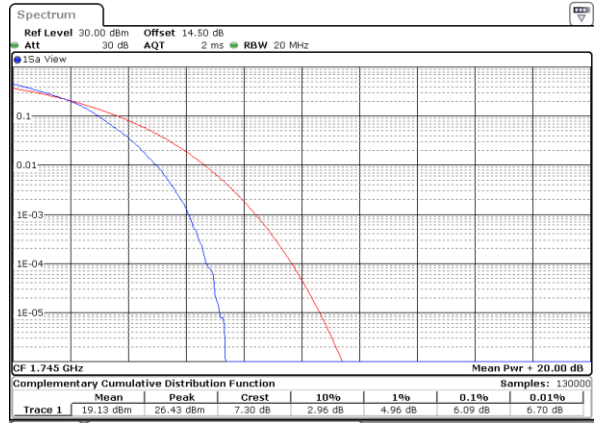
Date: 7\_MAR\_2023 14:58:53

Middle Channel / 1RB



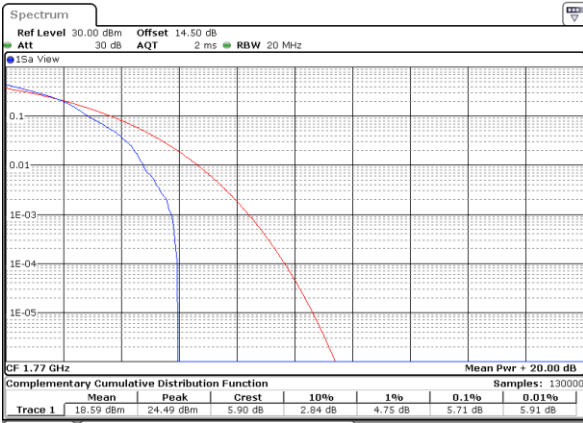
Date: 7\_MAR\_2023 14:59:19

Middle Channel / Full RB



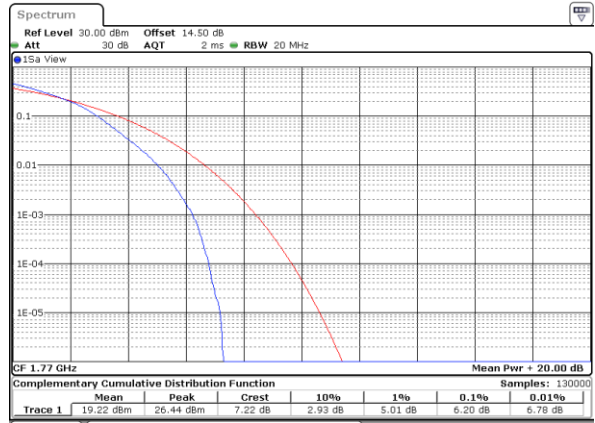
Date: 7\_MAR\_2023 14:59:45

Highest Channel / 1RB



Date: 7\_MAR\_2023 15:00:11

Highest Channel / Full RB

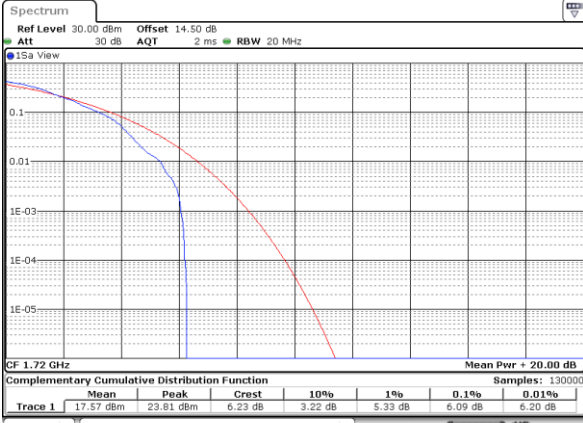


Date: 7\_MAR\_2023 15:00:36



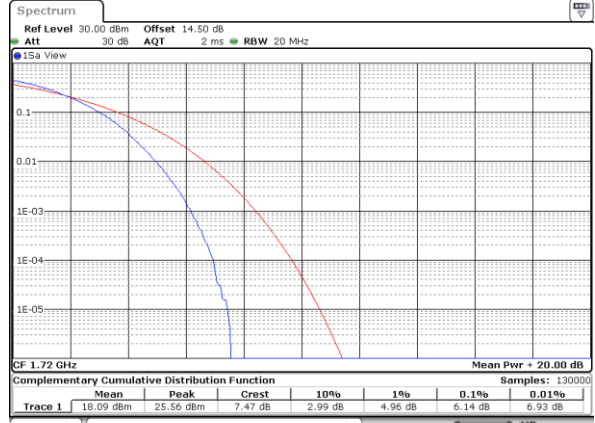
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 7\_MAR\_2023 12:26:10

Lowest Channel / Full RB



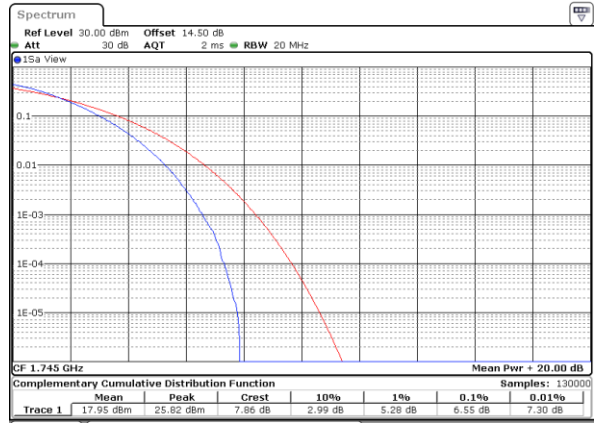
Date: 7\_MAR\_2023 12:26:36

Middle Channel / 1RB



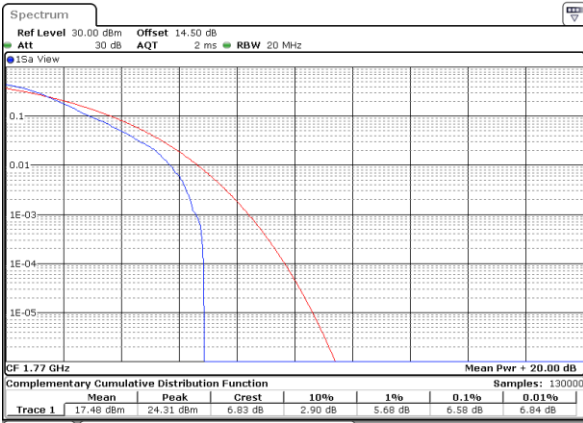
Date: 7\_MAR\_2023 12:27:01

Middle Channel / Full RB



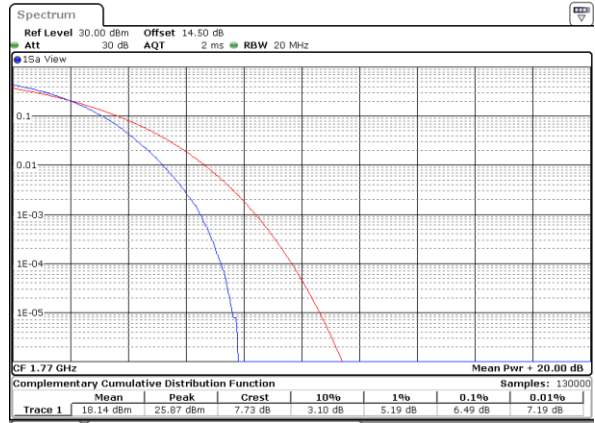
Date: 7\_MAR\_2023 12:27:27

Highest Channel / 1RB



Date: 7\_MAR\_2023 12:27:52

Highest Channel / Full RB



Date: 7\_MAR\_2023 12:28:18



26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.25	2.99	2.96	4.94	4.82	9.77	9.77	14.30	14.30	18.90	19.10
Middle CH	1.26	1.26	2.99	2.97	4.81	4.84	9.75	9.77	14.33	14.21	19.02	18.98
Highest CH	1.29	1.32	2.98	2.96	4.89	4.80	9.63	9.71	14.18	14.36	18.82	19.06
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.29	-	2.97	-	4.92	-	9.81	-	14.18	-	18.90	-
Middle CH	1.26	-	2.96	-	4.80	-	9.77	-	14.27	-	18.78	-
Highest CH	1.30	-	2.97	-	4.88	-	9.73	-	14.27	-	19.14	-