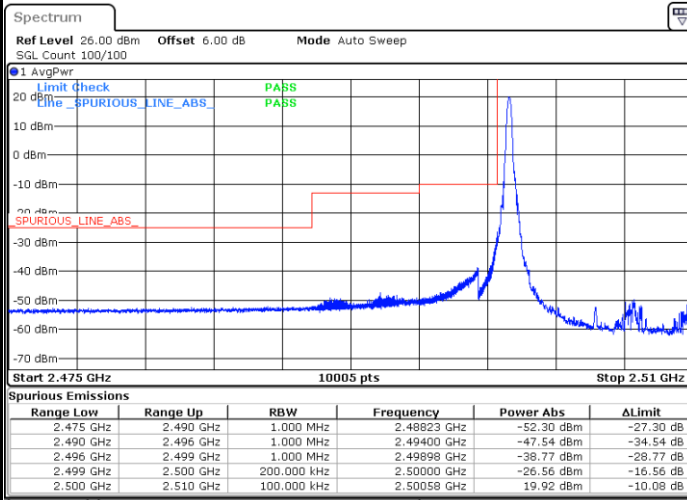




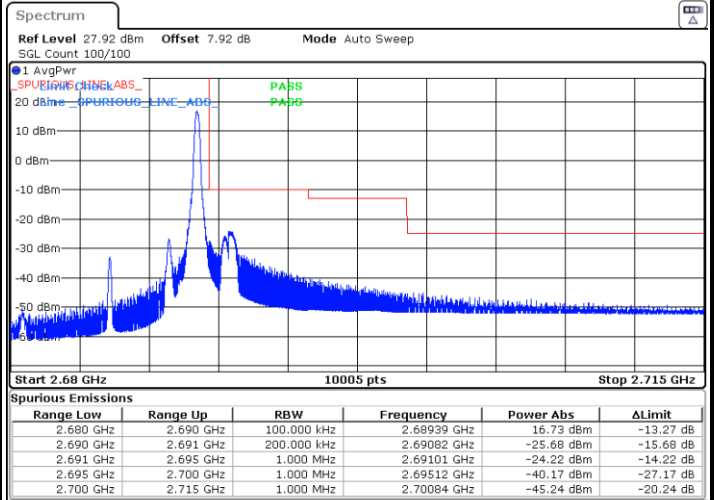
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



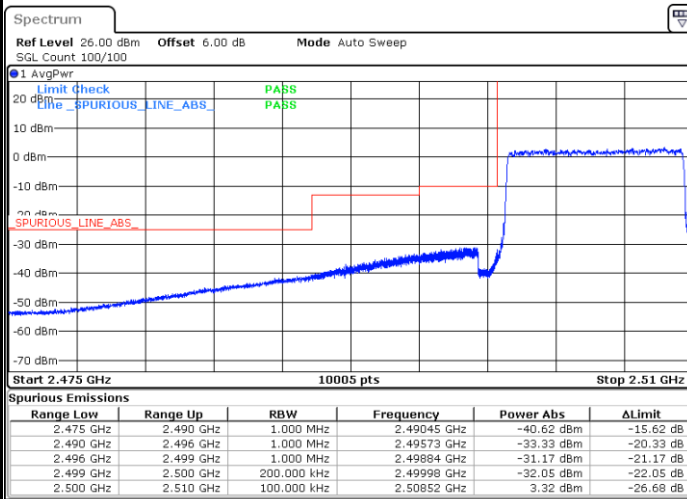
Date: 30 JAN 2022 23:09:35

Highest Band Edge / 1 RB



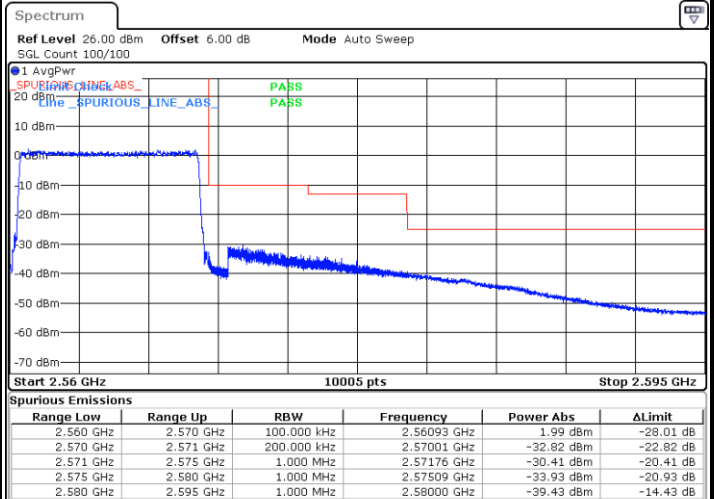
Date: 2 FEB 2022 16:59:57

Lowest Band Edge / Full RB



Date: 30 JAN 2022 23:11:16

Highest Band Edge / Full RB

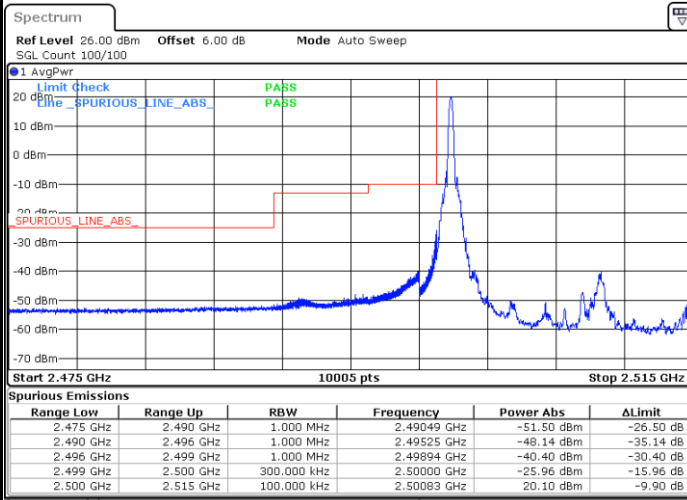


Date: 30 JAN 2022 23:34:05



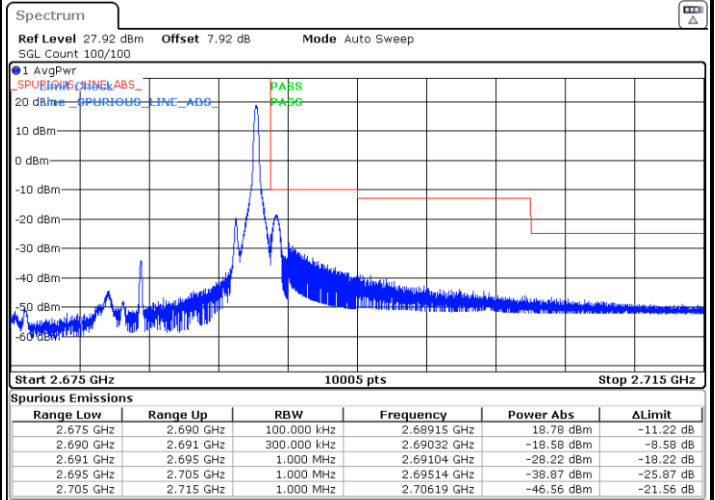
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



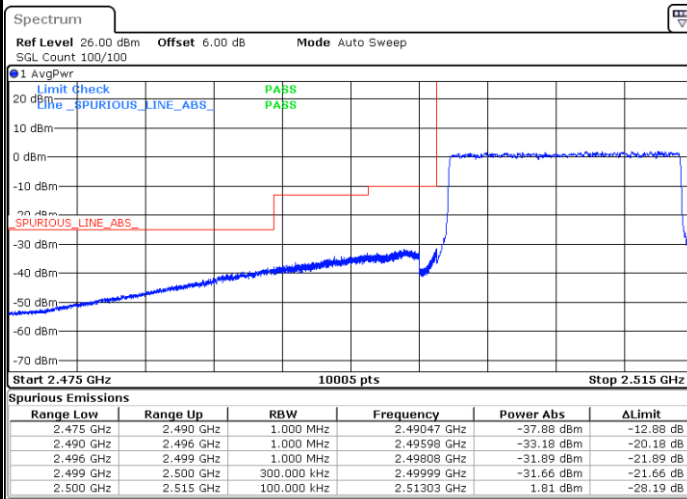
Date: 30 JAN 2022 23:41:08

Highest Band Edge / 1 RB



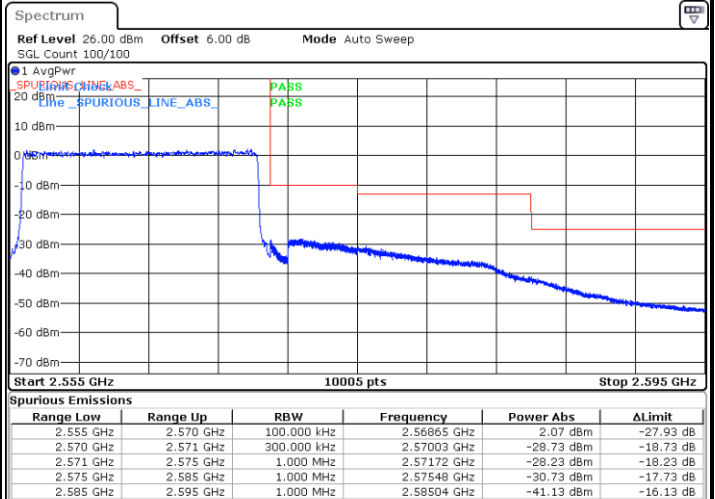
Date: 2 FEB 2022 17:18:37

Lowest Band Edge / Full RB



Date: 30 JAN 2022 23:49:32

Highest Band Edge / Full RB

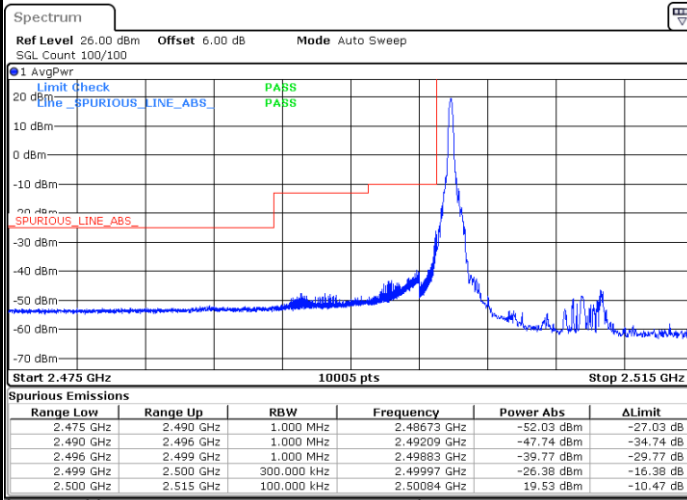


Date: 31 JAN 2022 00:04:50



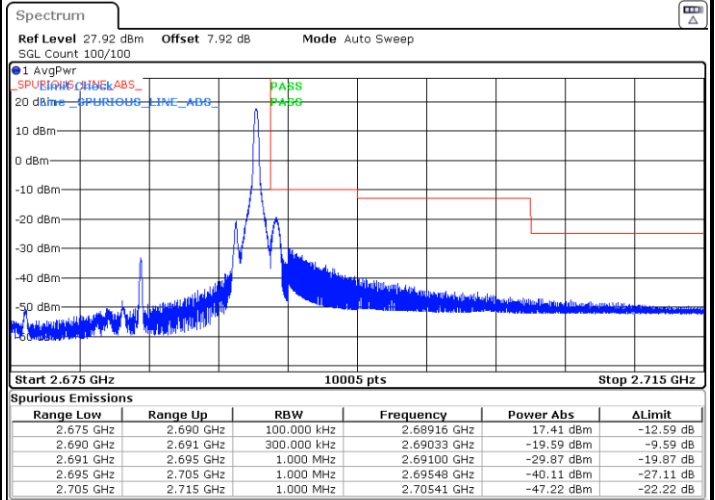
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



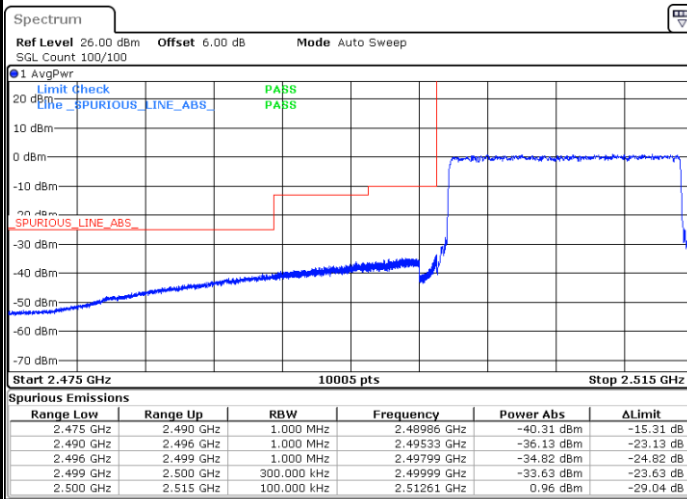
Date: 30 JAN 2022 23:42:49

Highest Band Edge / 1 RB



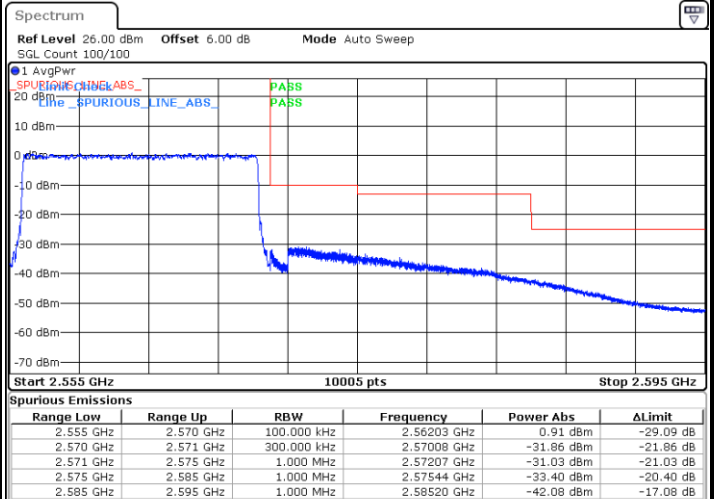
Date: 2 FEB 2022 17:19:58

Lowest Band Edge / Full RB



Date: 30 JAN 2022 23:47:52

Highest Band Edge / Full RB

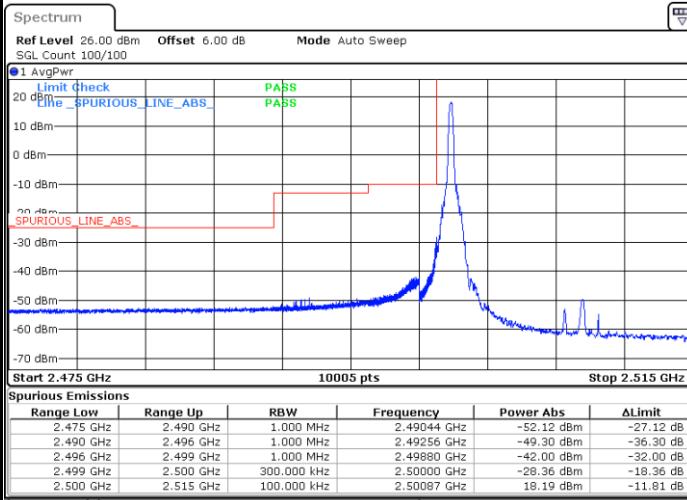


Date: 31 JAN 2022 00:03:09



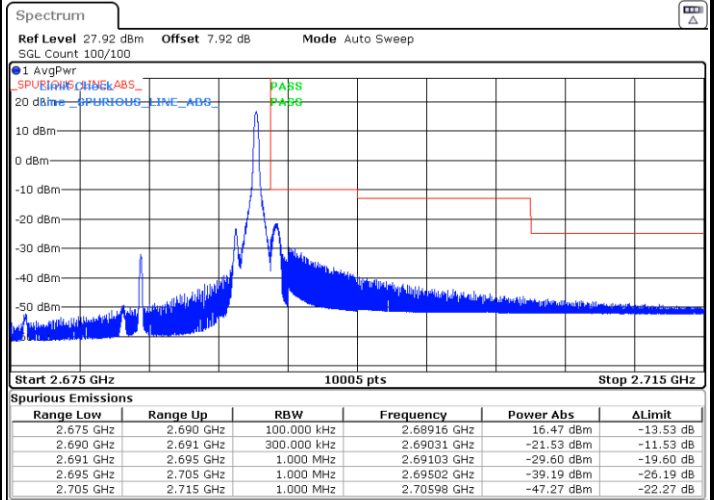
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



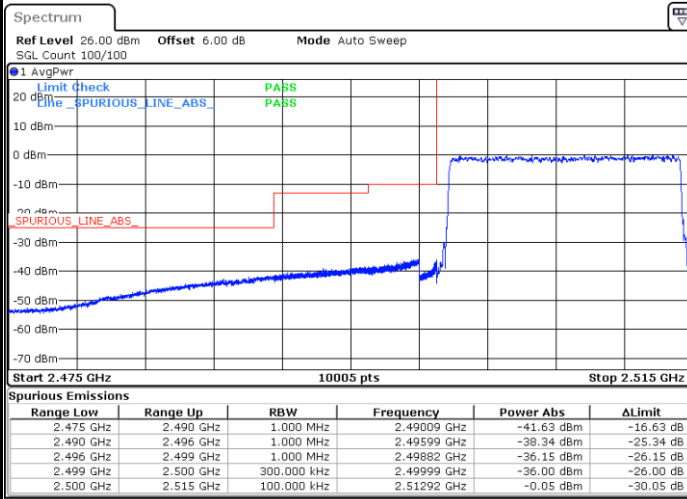
Date: 30 JAN 2022 23:44:30

Highest Band Edge / 1 RB



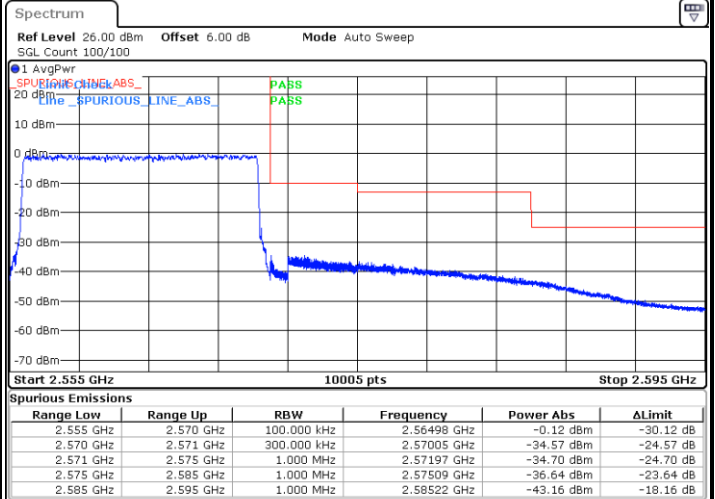
Date: 2 FEB 2022 17:21:19

Lowest Band Edge / Full RB



Date: 30 JAN 2022 23:46:11

Highest Band Edge / Full RB

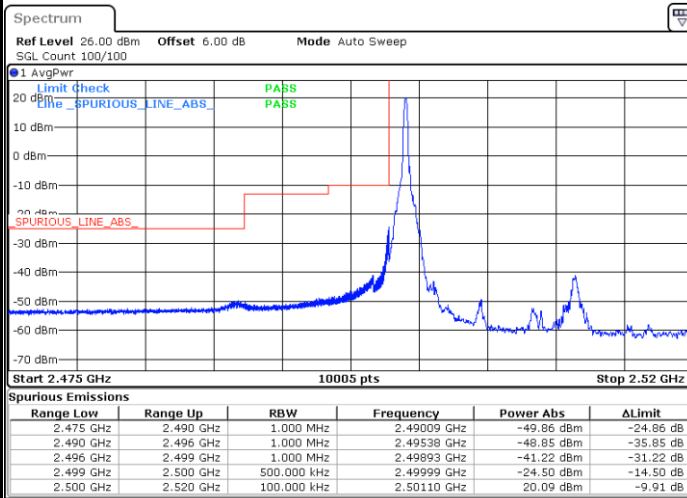


Date: 31 JAN 2022 00:01:29



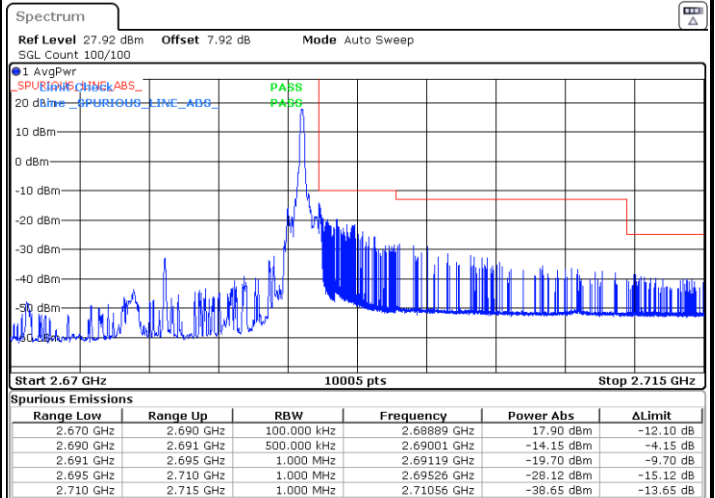
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



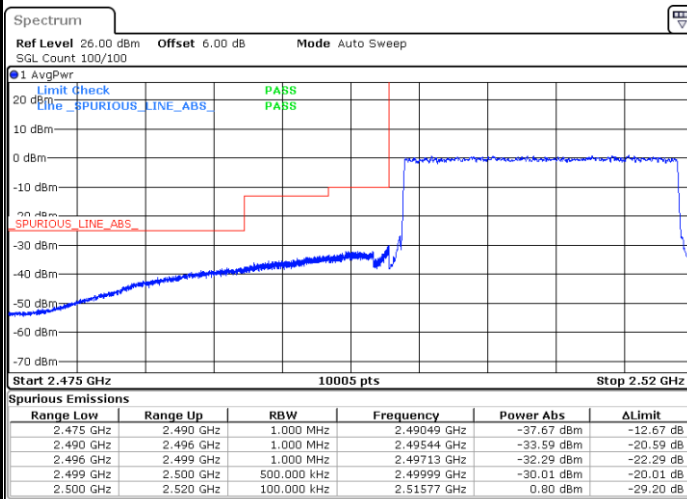
Date: 31.JAN.2022 00:08:31

Highest Band Edge / 1 RB



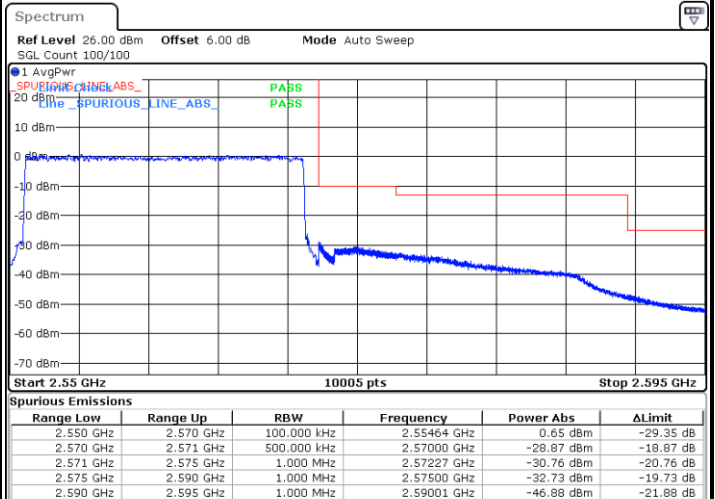
Date: 2.FEB.2022 17:39:57

Lowest Band Edge / Full RB



Date: 31.JAN.2022 00:27:04

Highest Band Edge / Full RB

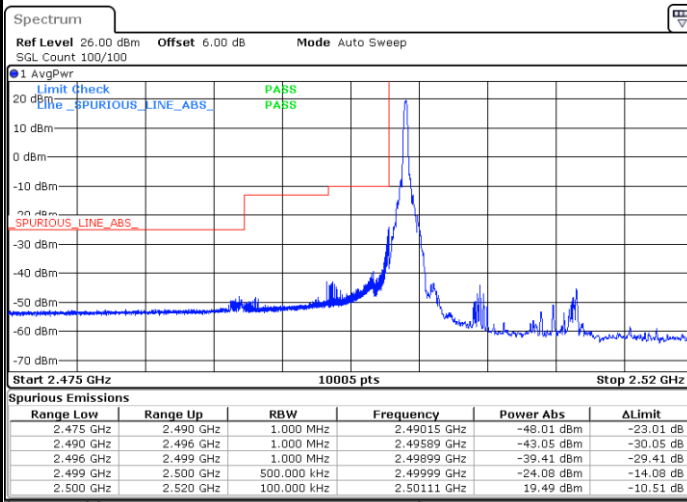


Date: 31.JAN.2022 00:41:07



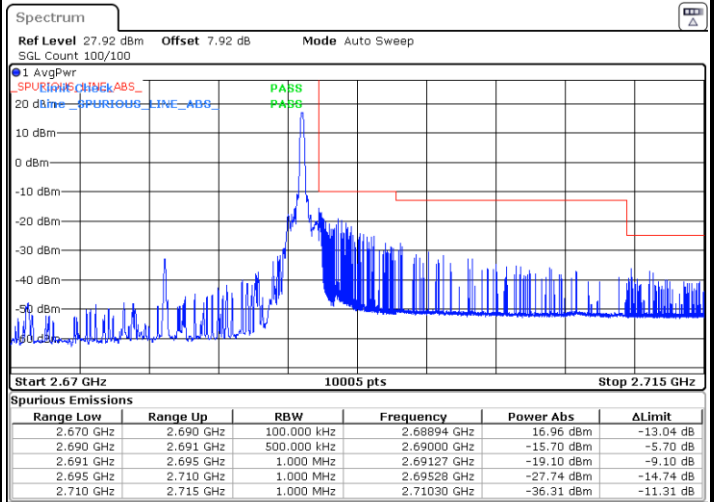
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



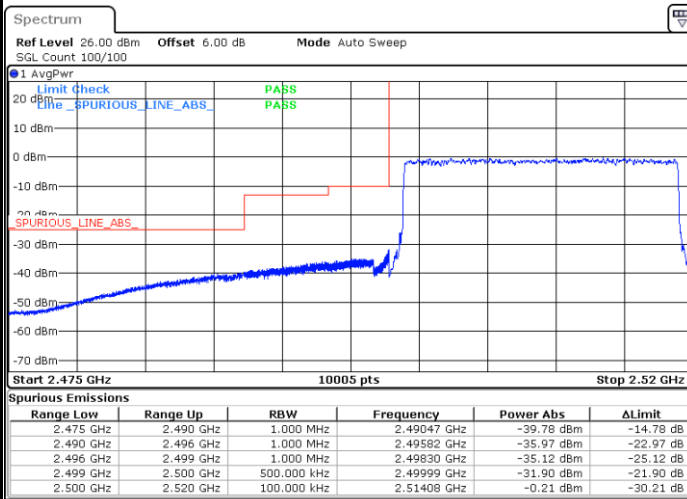
Date: 31. JAN 2022 00:10:12

Highest Band Edge / 1 RB



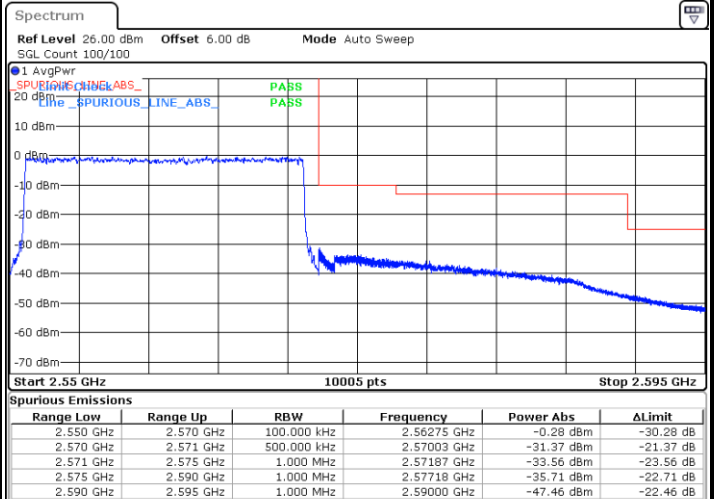
Date: 2. FEB 2022 17:41:18

Lowest Band Edge / Full RB



Date: 31. JAN 2022 00:15:15

Highest Band Edge / Full RB

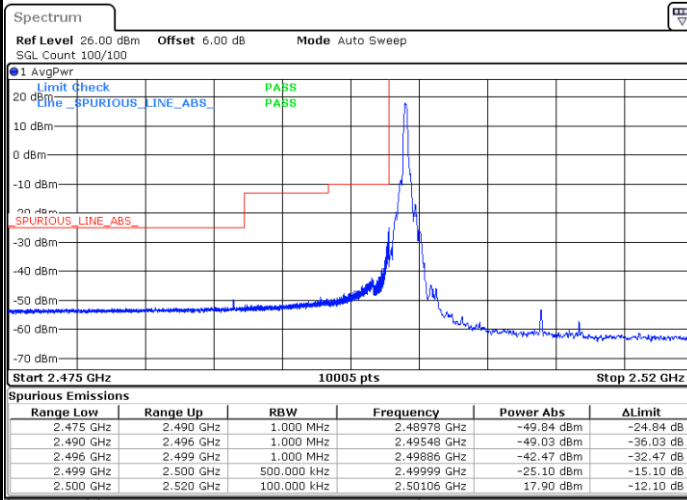


Date: 31. JAN 2022 00:39:26



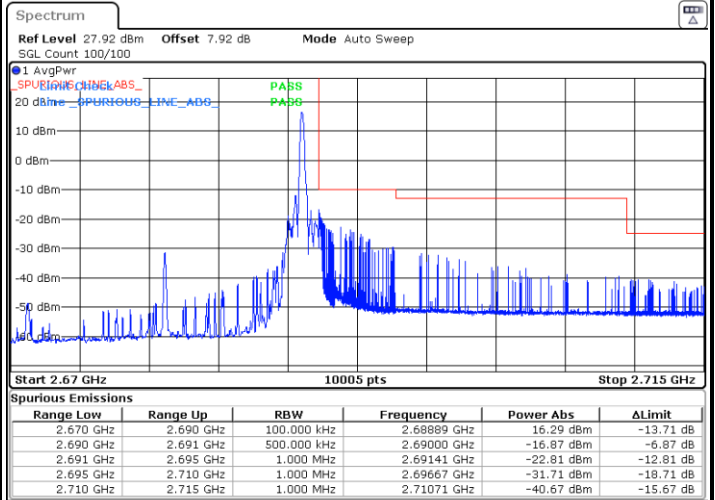
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



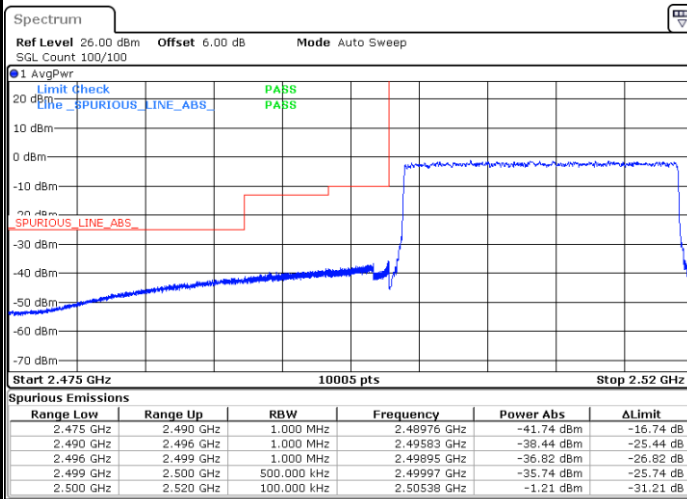
Date: 31.JAN.2022 00:11:53

Highest Band Edge / 1 RB



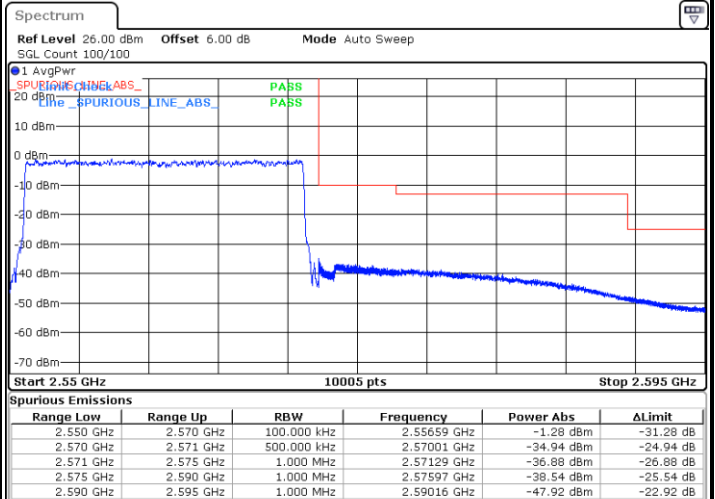
Date: 2.FEB.2022 17:42:39

Lowest Band Edge / Full RB



Date: 31.JAN.2022 00:13:34

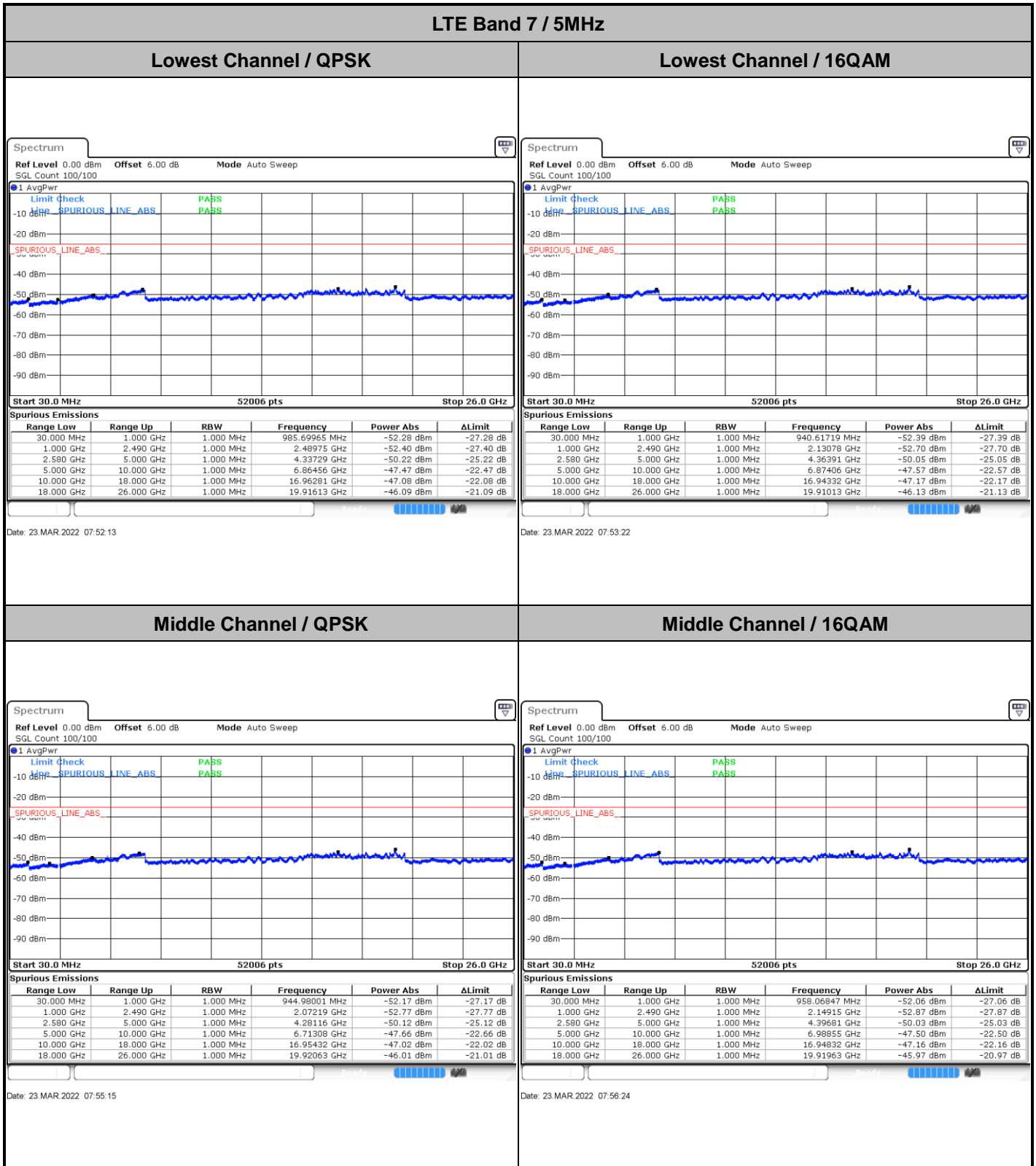
Highest Band Edge / Full RB



Date: 31.JAN.2022 00:37:46



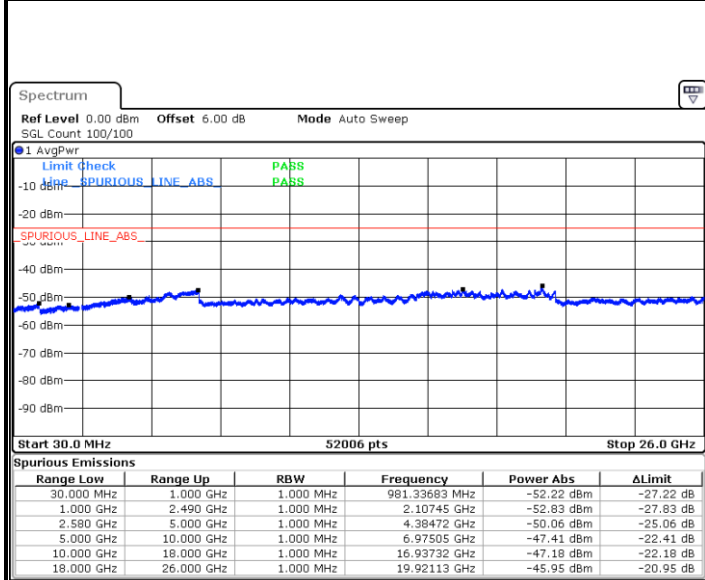
Conducted Spurious Emission





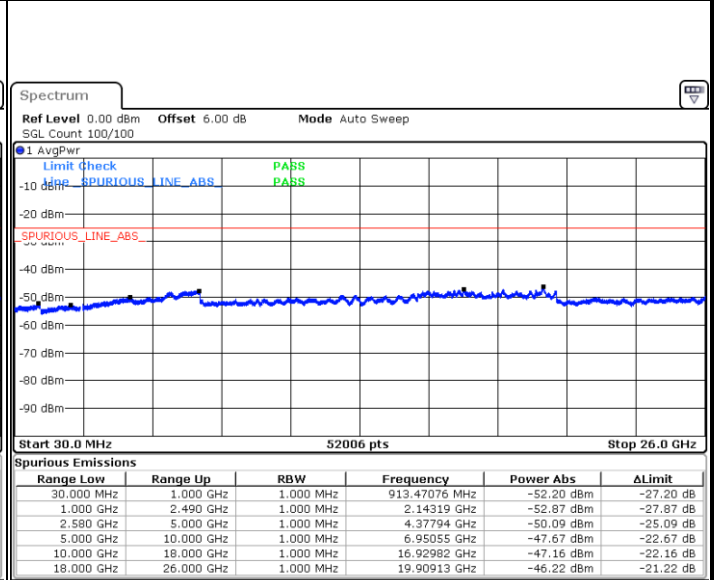
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 23 MAR 2022 07:58:17

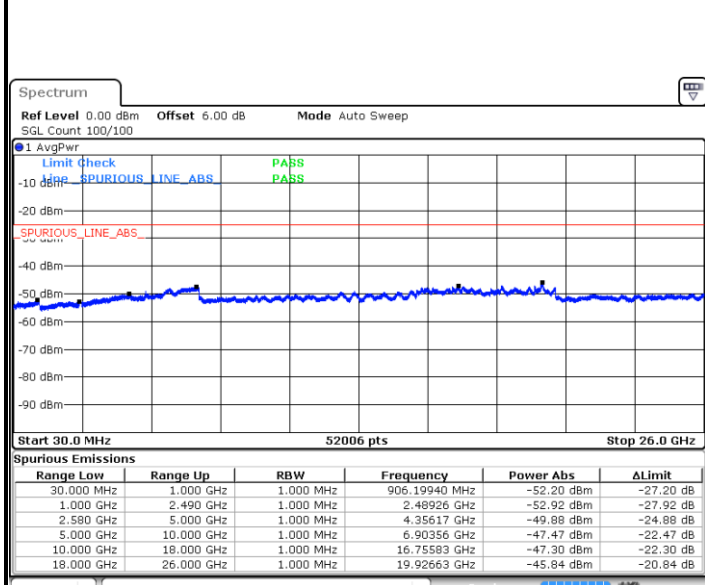
Highest Channel / 16QAM



Date: 23 MAR 2022 07:59:25

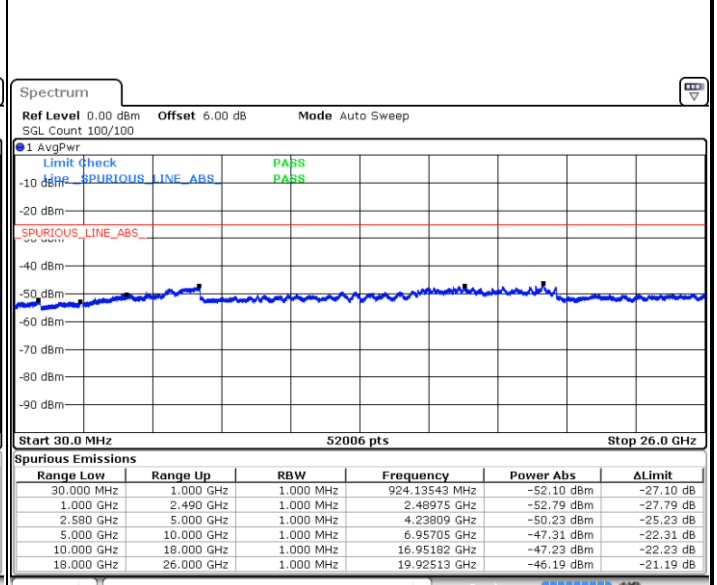
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 23 MAR 2022 08:05:51

Lowest Channel / 16QAM



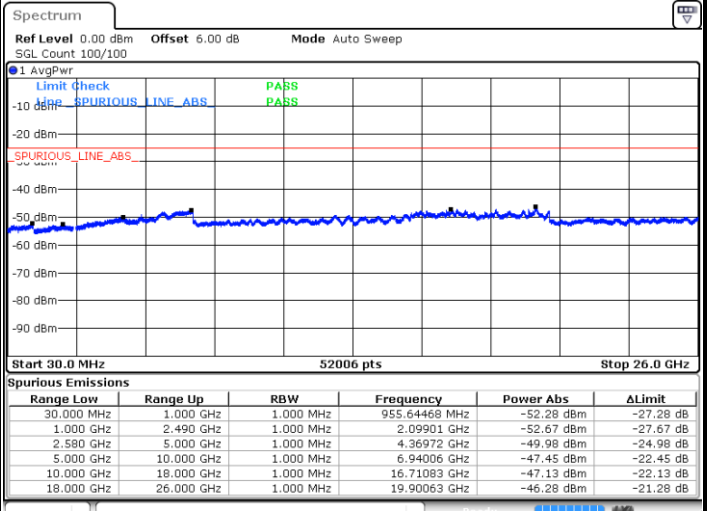
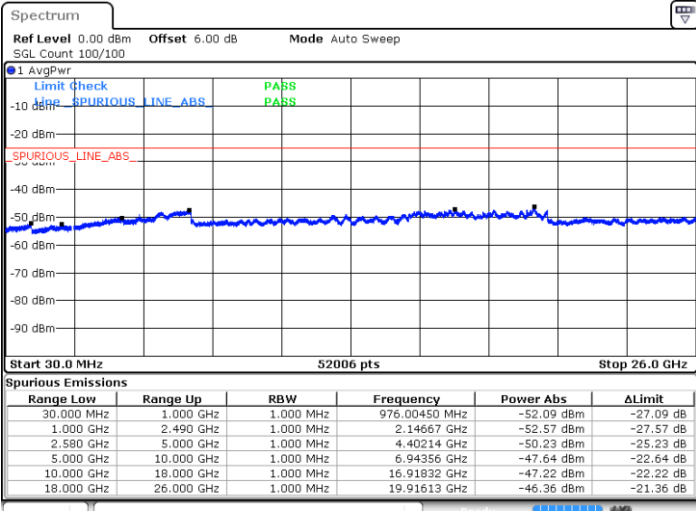
Date: 23 MAR 2022 08:07:00



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

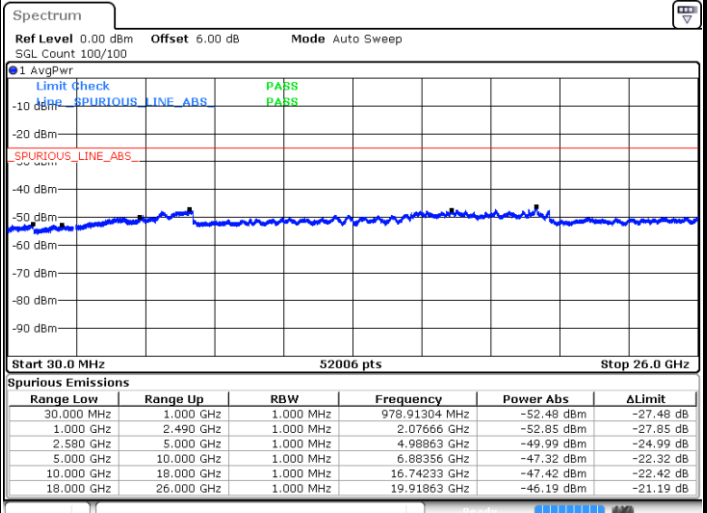
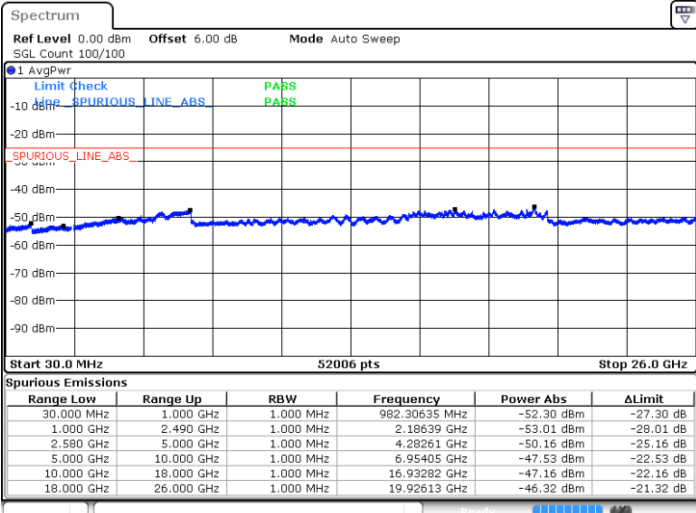


Date: 23 MAR 2022 08:08:53

Date: 23 MAR 2022 08:10:02

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 MAR 2022 08:11:54

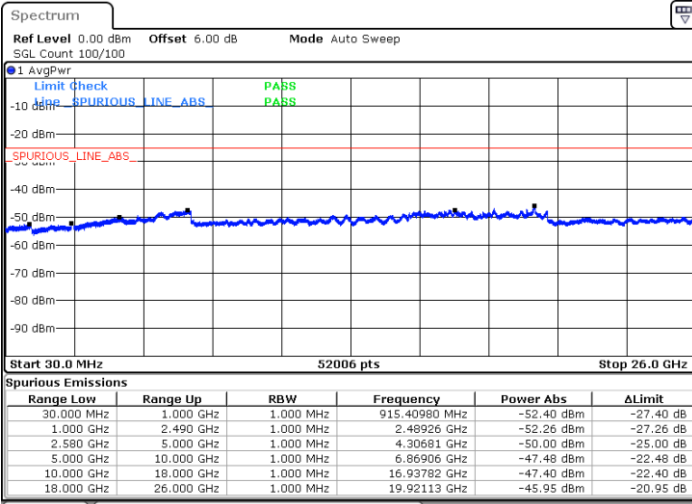
Date: 23 MAR 2022 08:13:03



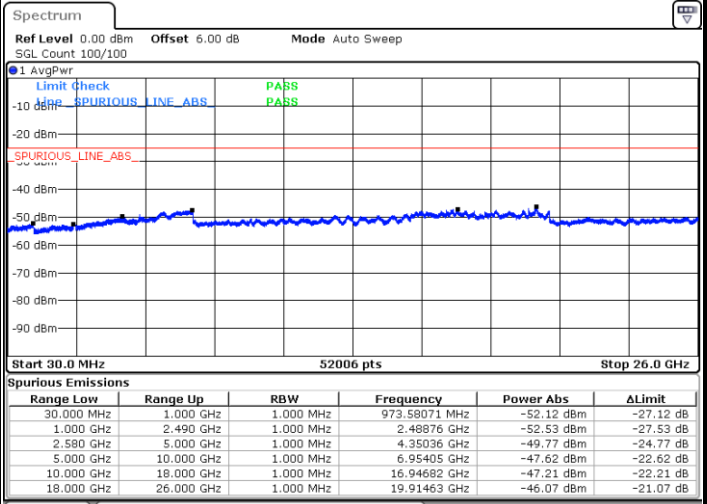
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



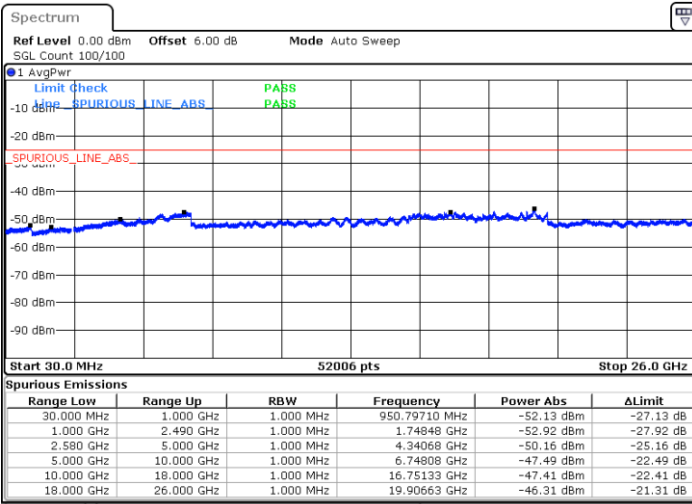
Date: 23 MAR 2022 08:19:29



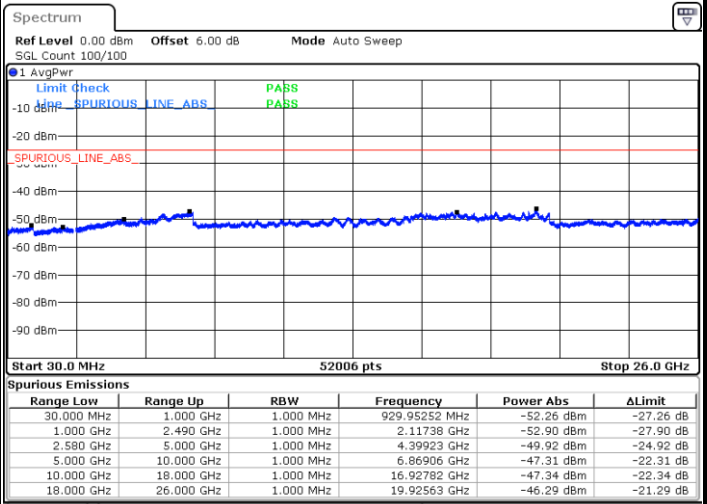
Date: 23 MAR 2022 08:20:38

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23 MAR 2022 08:22:30

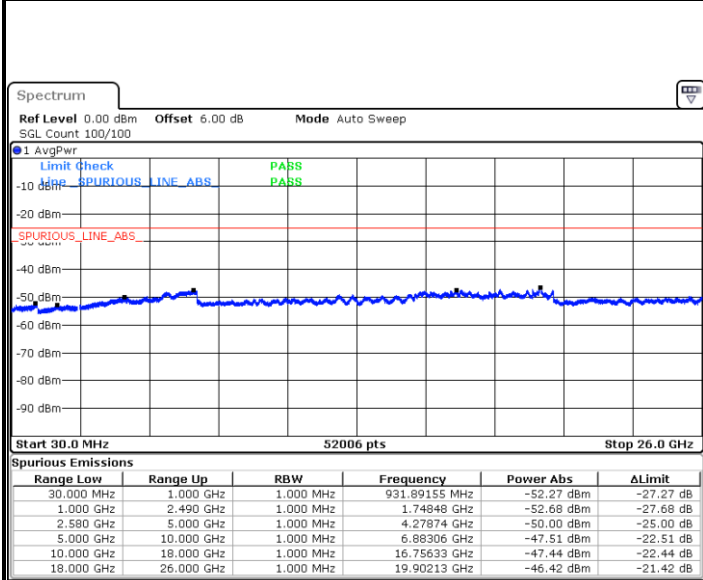


Date: 23 MAR 2022 08:23:39



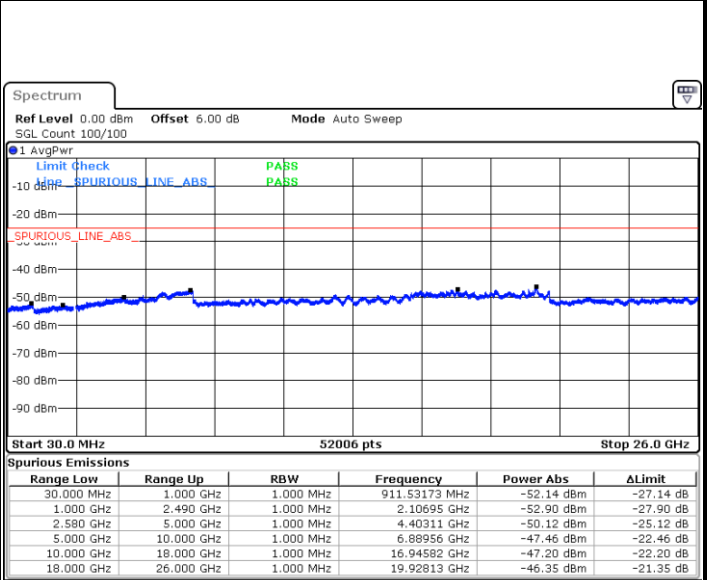
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 23 MAR 2022 08:25:32

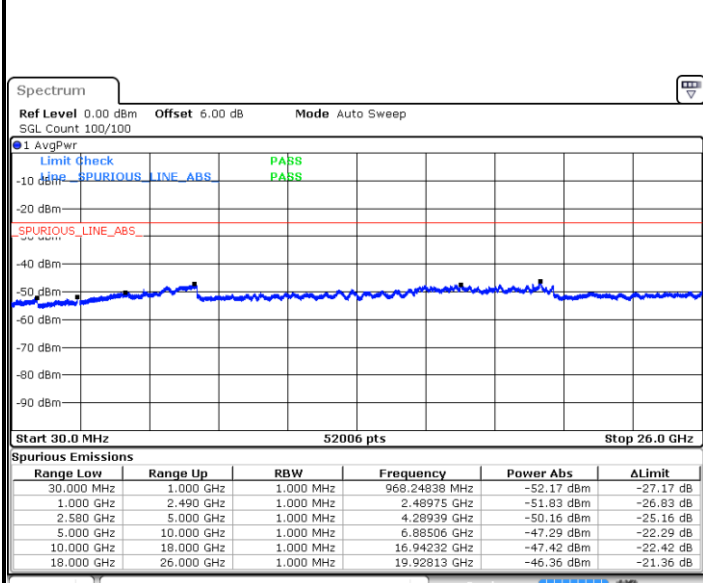
Highest Channel / 16QAM



Date: 23 MAR 2022 08:26:41

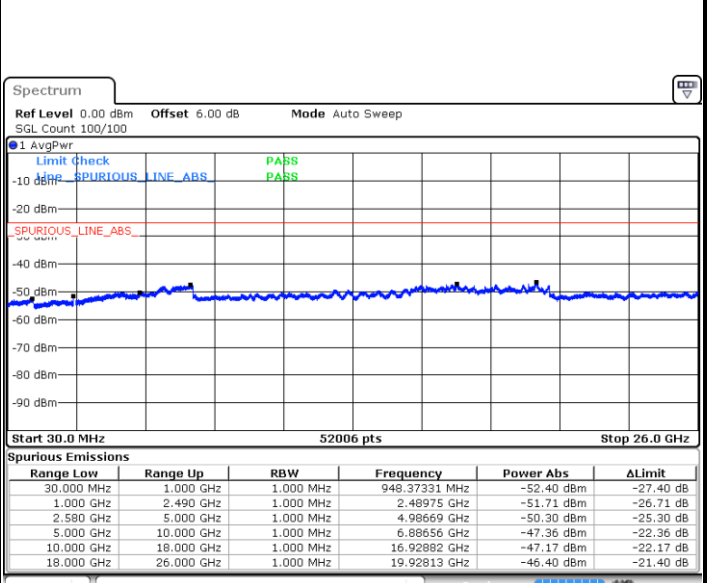
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 23 MAR 2022 08:33:06

Lowest Channel / 16QAM



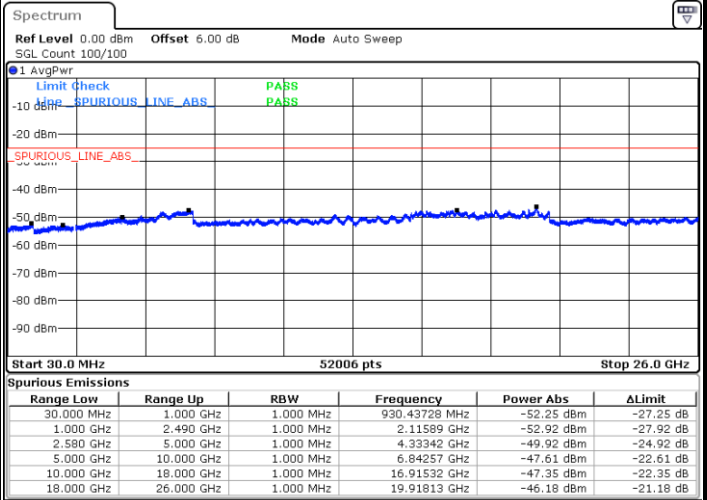
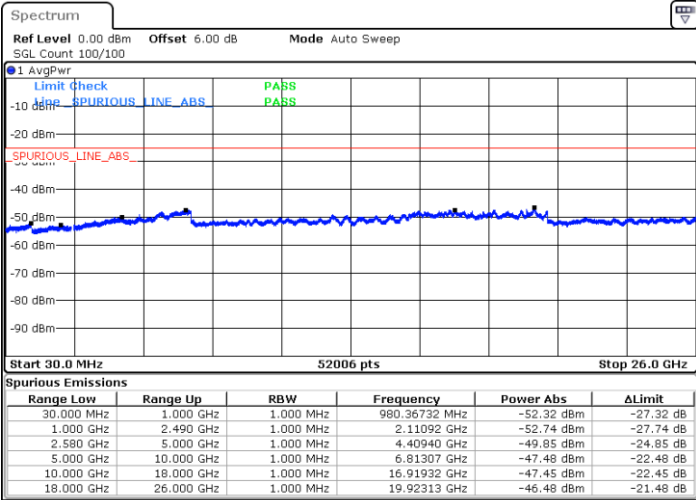
Date: 23 MAR 2022 08:34:15



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

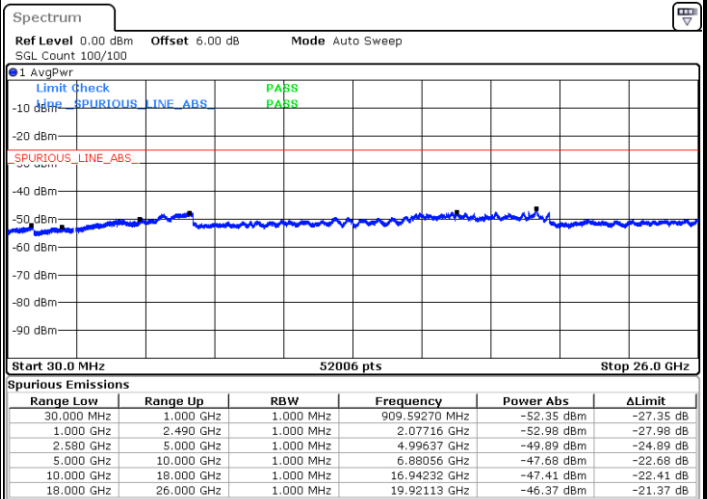
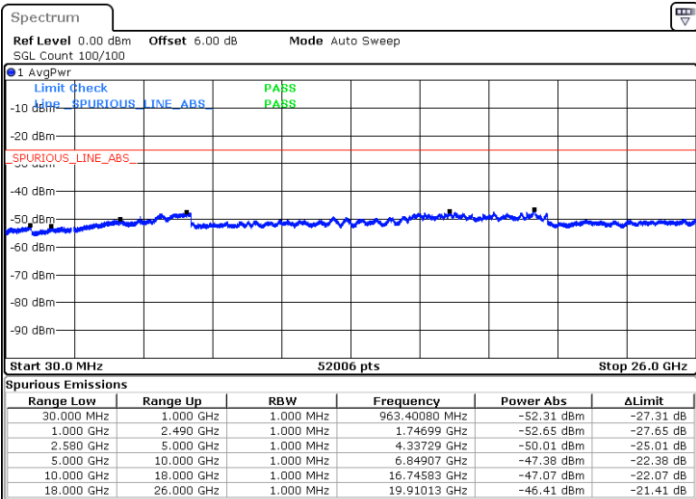


Date: 23 MAR 2022 08:36:08

Date: 23 MAR 2022 08:37:17

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 MAR 2022 08:39:10

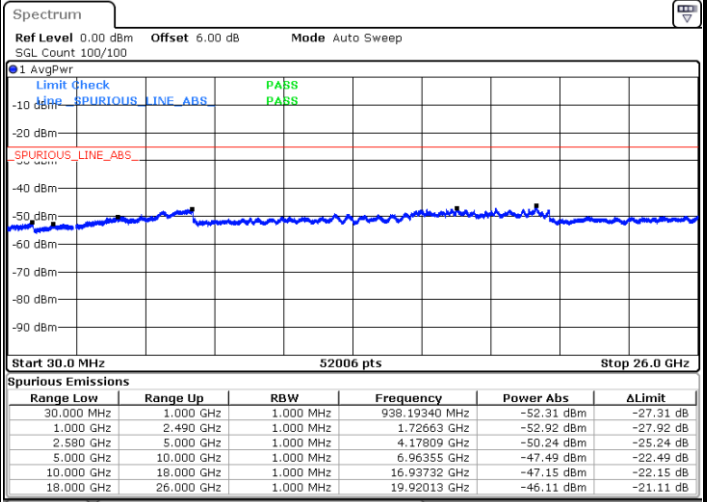
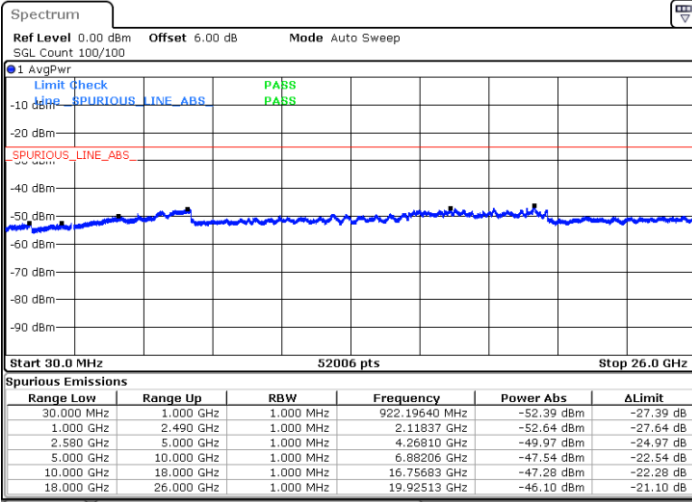
Date: 23 MAR 2022 08:40:19



LTE Band 7 / 5MHz

Lowest Channel / 64QAM

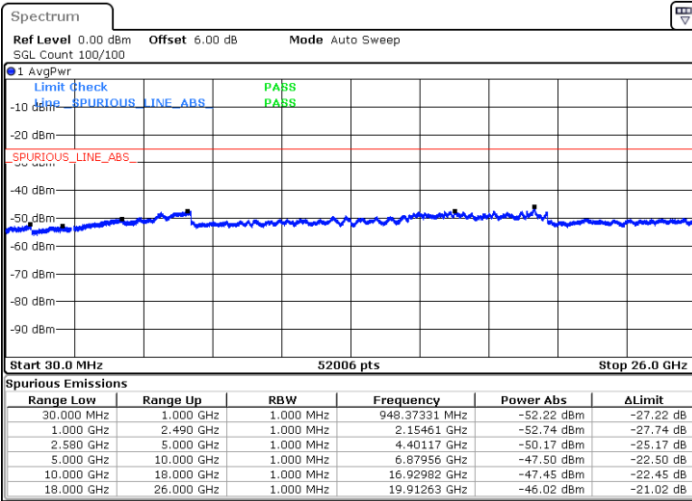
Middle Channel / 64QAM



Date: 23 MAR 2022 08:00:56

Date: 23 MAR 2022 08:02:27

Highest Channel / 64QAM



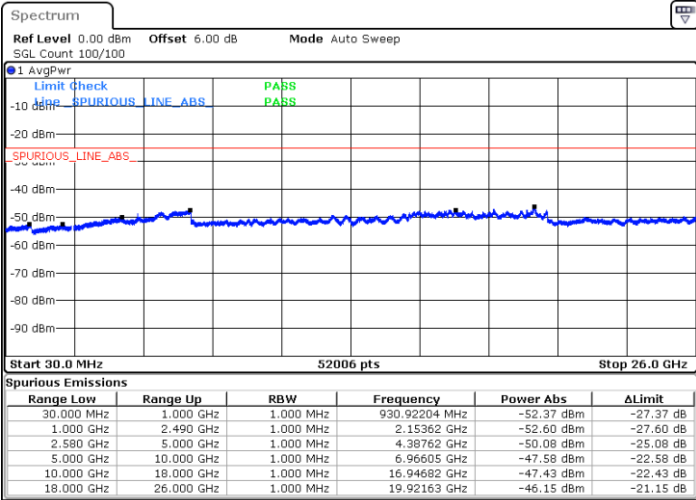
Date: 23 MAR 2022 08:03:58



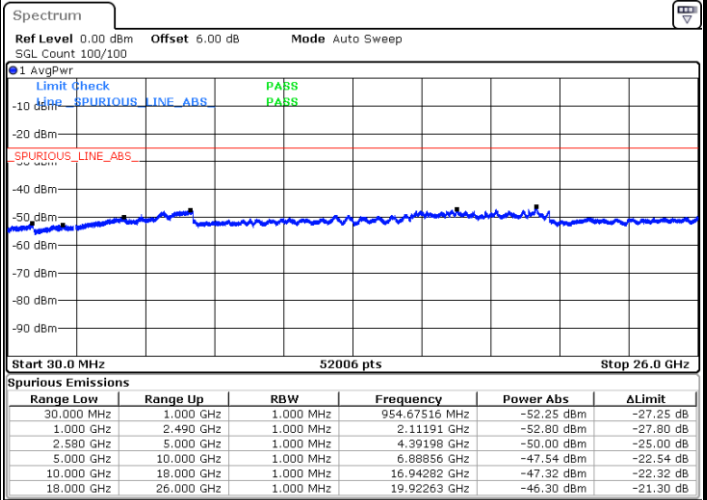
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

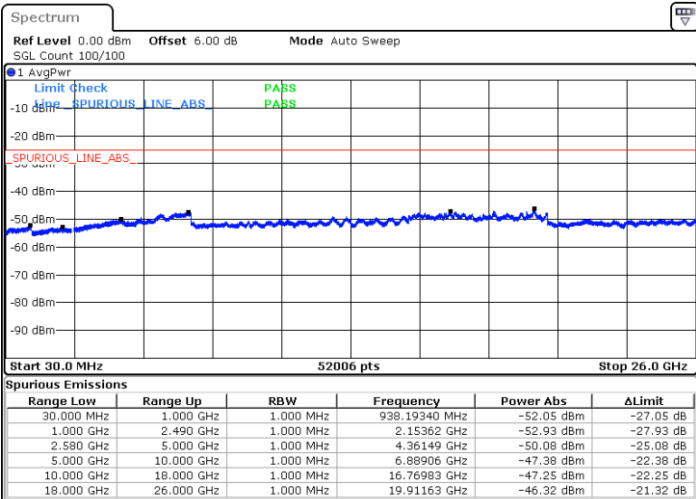


Date: 23 MAR 2022 08:14:34



Date: 23 MAR 2022 08:16:05

Highest Channel / 64QAM



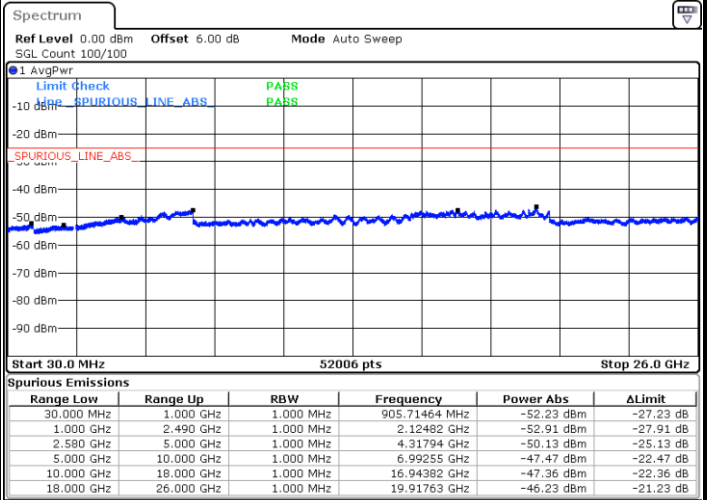
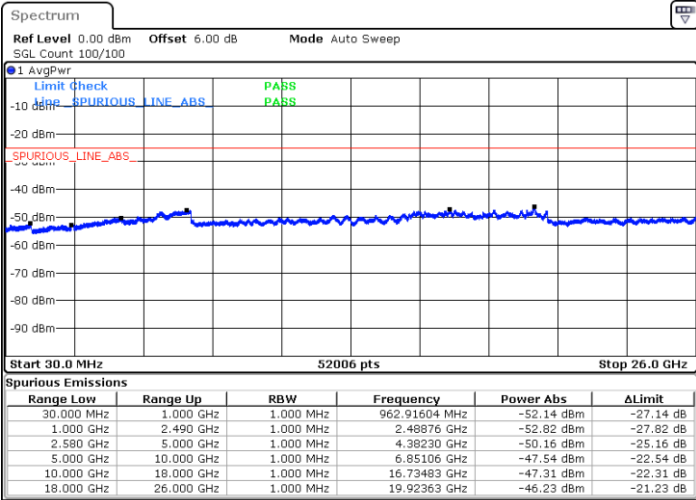
Date: 23 MAR 2022 08:17:36



LTE Band 7 / 15MHz

Lowest Channel / 64QAM

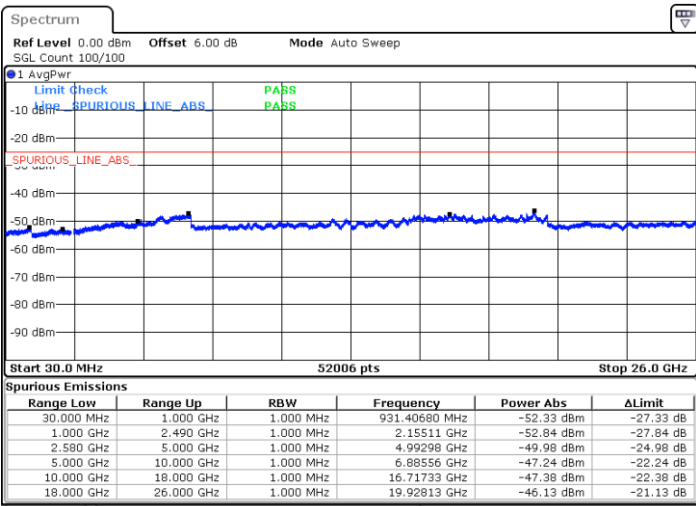
Middle Channel / 64QAM



Date: 23 MAR 2022 08:28:12

Date: 23 MAR 2022 08:29:43

Highest Channel / 64QAM

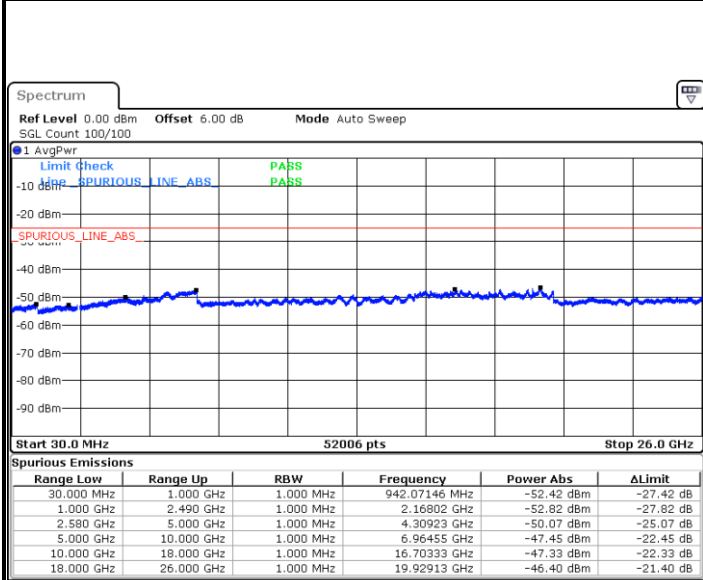


Date: 23 MAR 2022 08:31:14



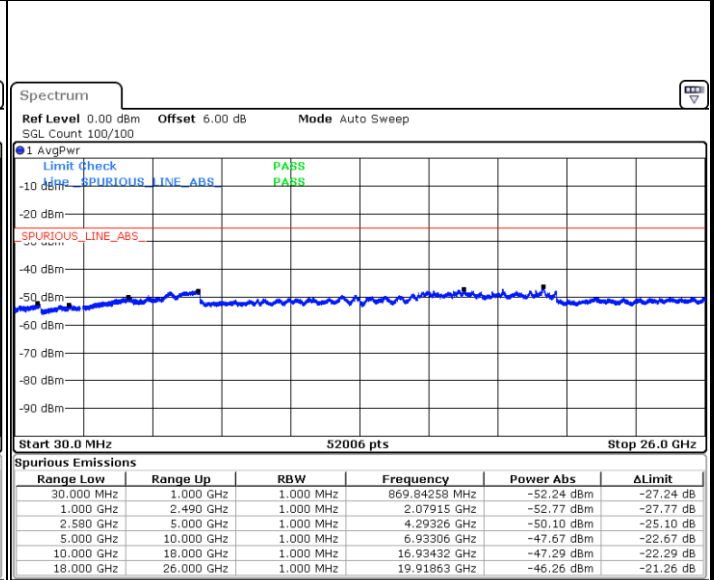
LTE Band 7 / 20MHz

Lowest Channel / 64QAM



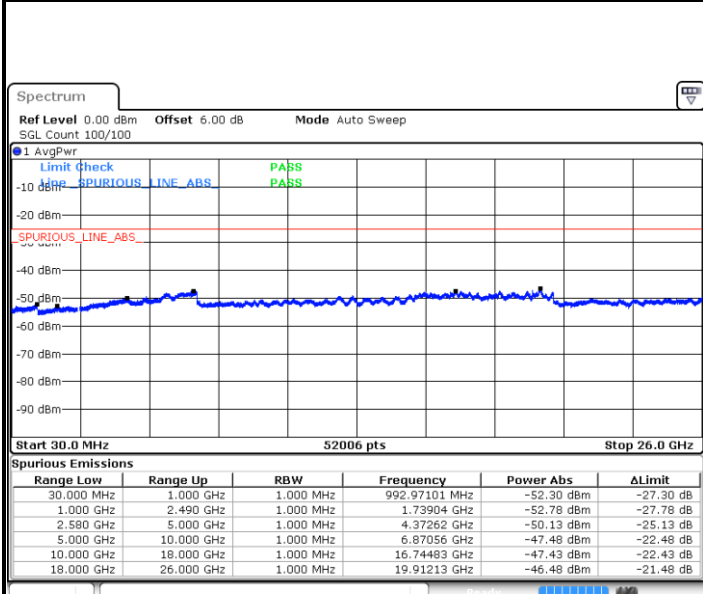
Date: 23 MAR 2022 08:41:50

Middle Channel / 64QAM



Date: 23 MAR 2022 08:43:20

Highest Channel / 64QAM



Date: 23 MAR 2022 08:44:51



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	0.0022	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

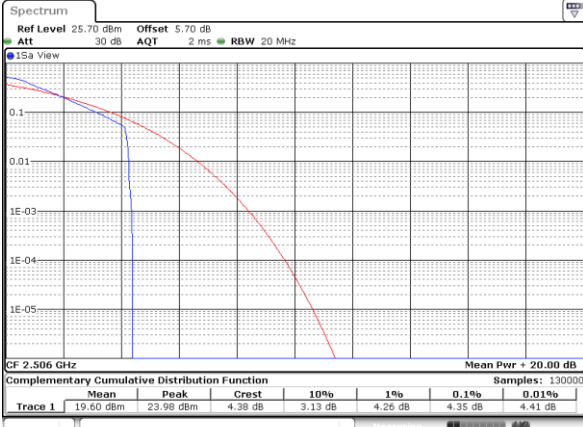
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.35	5.88	5.94	6.17	PASS
Middle CH	5.80	7.25	5.80	8.32	
Highest CH	5.54	5.16	5.86	6.17	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.52	7.42	-	-	PASS
Middle CH	7.57	7.33	-	-	
Highest CH	6.55	7.42	-	-	



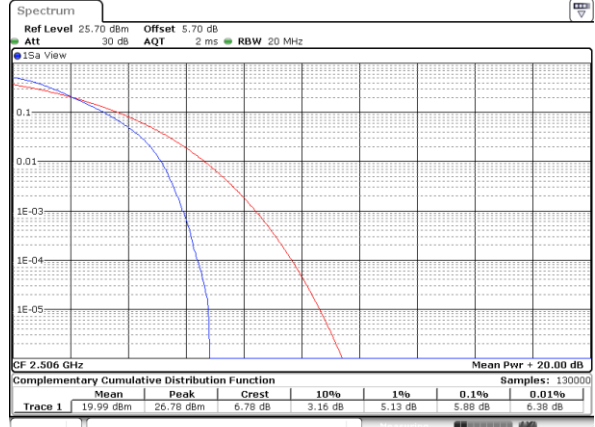
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



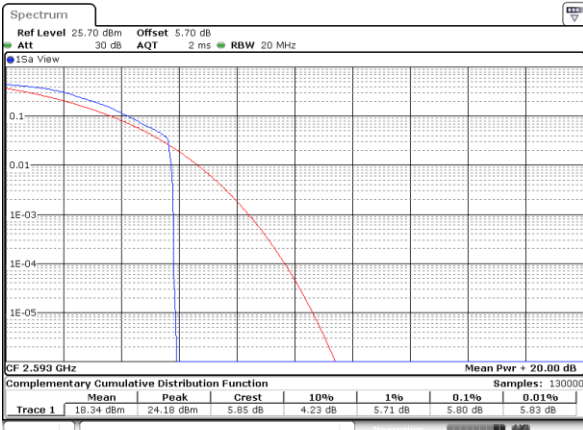
Date: 23 MAR 2022 09:57:32

Lowest Channel / Full RB



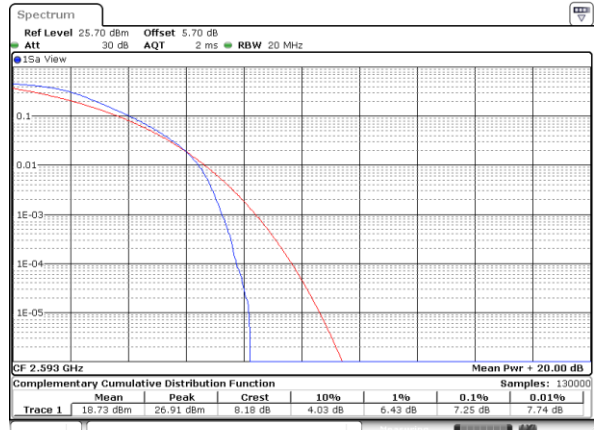
Date: 23 MAR 2022 09:57:47

Middle Channel / 1RB



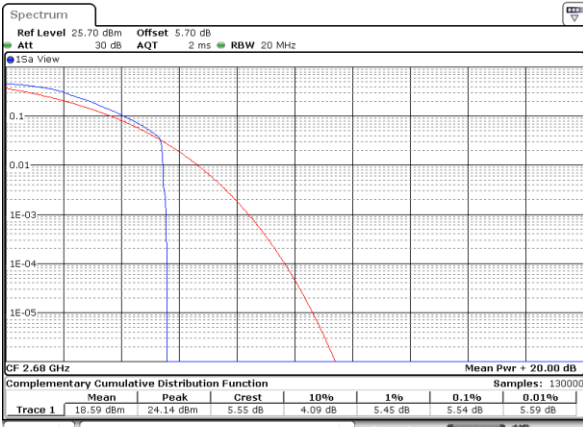
Date: 23 MAR 2022 09:58:09

Middle Channel / Full RB



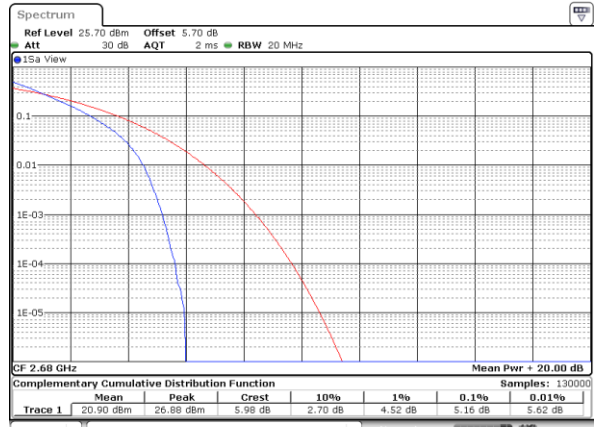
Date: 23 MAR 2022 09:58:21

Highest Channel / 1RB



Date: 23 MAR 2022 09:59:27

Highest Channel / Full RB

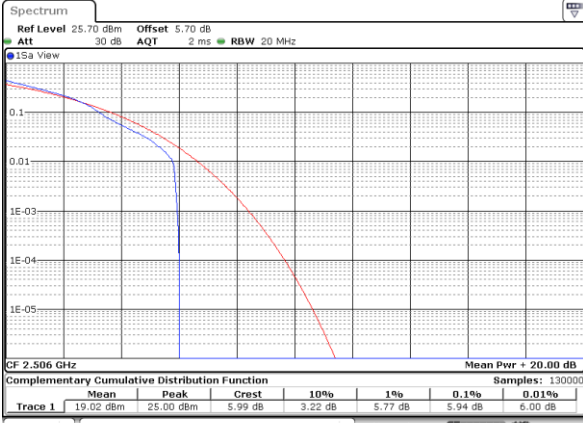


Date: 23 MAR 2022 09:59:47



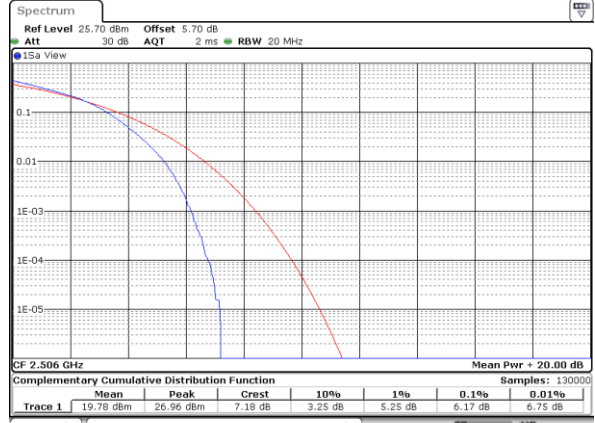
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



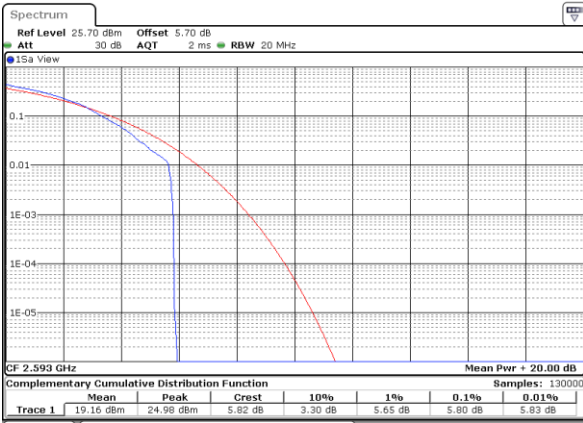
Date: 23 MAR 2022 09:56:05

Lowest Channel / Full RB



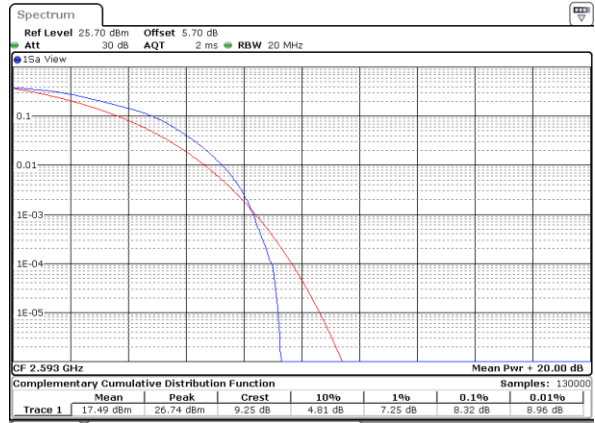
Date: 23 MAR 2022 09:56:16

Middle Channel / 1RB



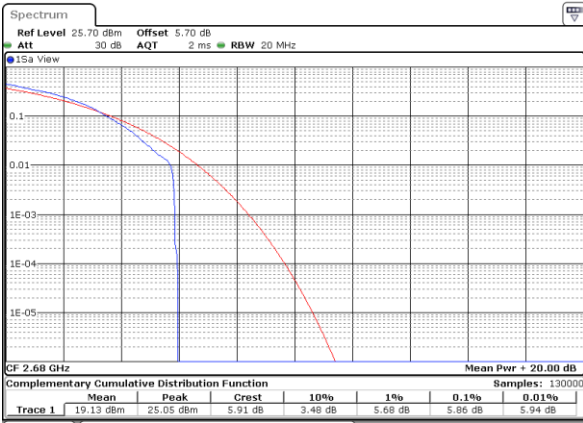
Date: 23 MAR 2022 09:56:31

Middle Channel / Full RB



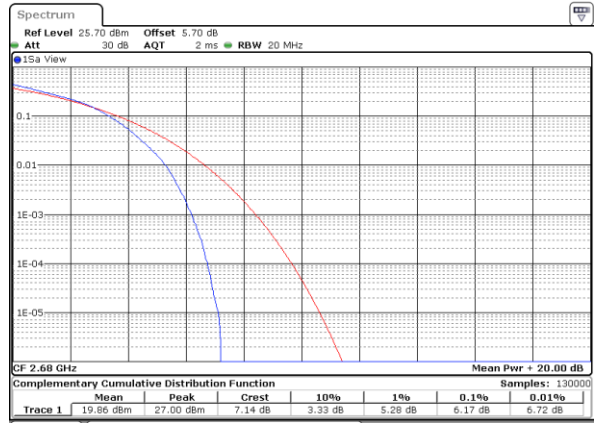
Date: 23 MAR 2022 09:56:47

Highest Channel / 1RB



Date: 23 MAR 2022 09:57:04

Highest Channel / Full RB

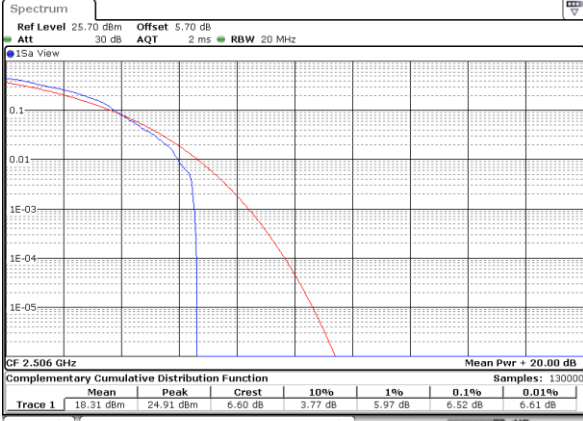


Date: 23 MAR 2022 09:57:14



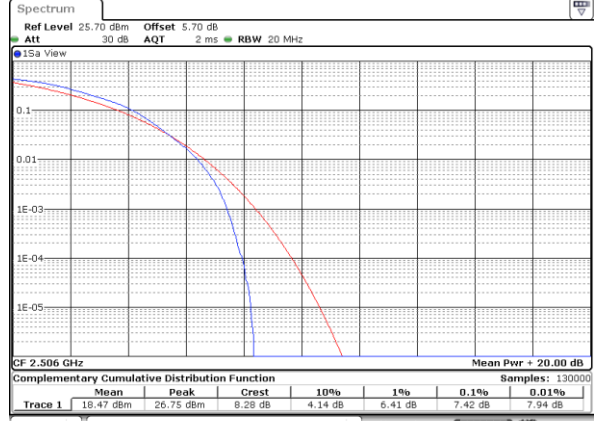
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



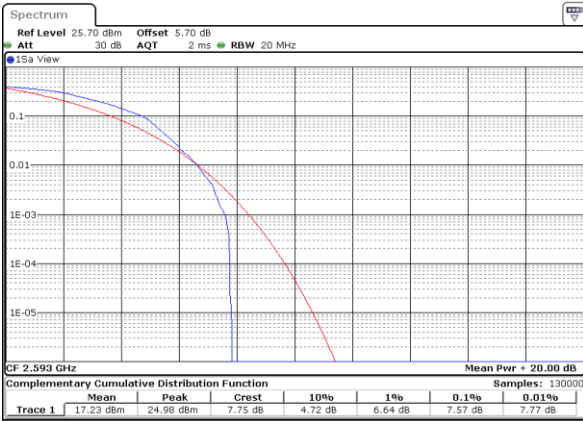
Date: 23 MAR 2022 09:54:22

Lowest Channel / Full RB



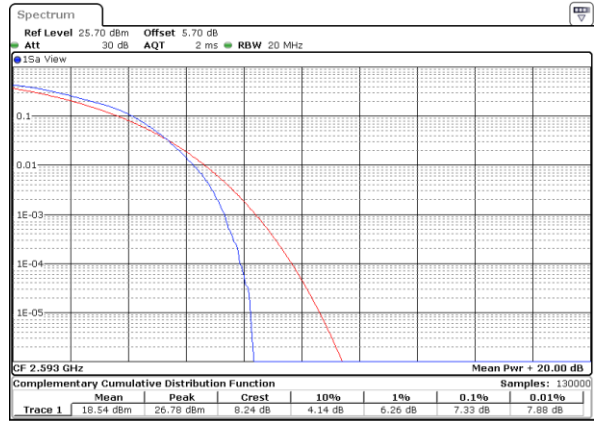
Date: 23 MAR 2022 09:54:33

Middle Channel / 1RB



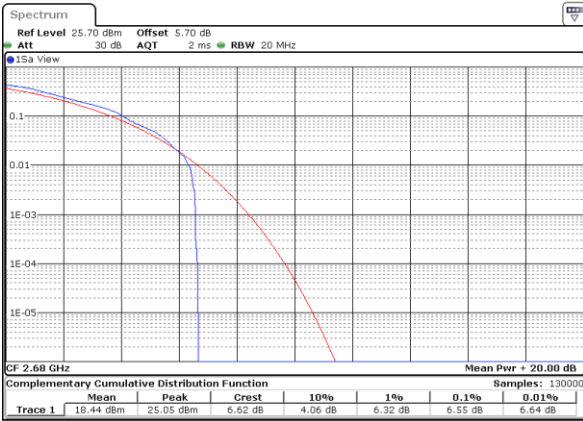
Date: 23 MAR 2022 09:54:57

Middle Channel / Full RB



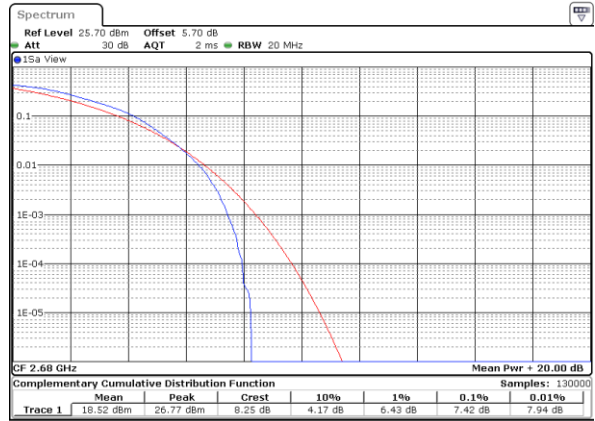
Date: 23 MAR 2022 09:55:13

Highest Channel / 1RB



Date: 23 MAR 2022 09:55:24

Highest Channel / Full RB



Date: 23 MAR 2022 09:55:46



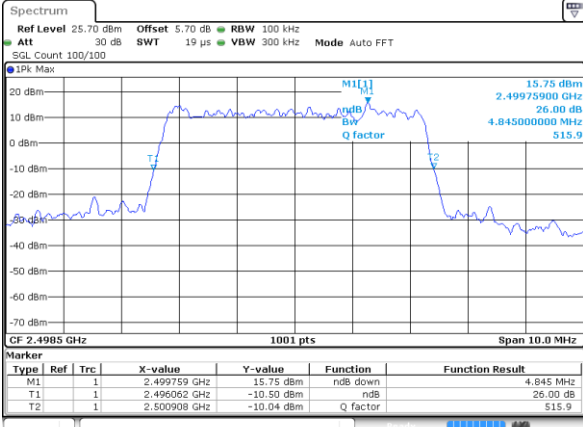
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW				5MHz		10MHz		15MHz		20MHz		
Mod.				QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH				4.85	4.80	9.75	9.89	14.51	14.09	18.94	18.90	
Middle CH				4.77	4.74	9.79	9.63	14.12	14.21	18.62	19.22	
Highest CH				4.95	4.91	9.77	9.63	14.15	14.15	18.78	18.98	
Mode	LTE Band 41 : 26dB BW(MHz)											
BW				5MHz		10MHz		15MHz		20MHz		
Mod.				64QAM		64QAM		64QAM		64QAM		
Lowest CH				4.89	-	9.69	-	14.54	-	18.86	-	
Middle CH				4.81	-	9.65	-	14.18	-	18.94	-	
Highest CH				4.81	-	9.65	-	14.33	-	18.78	-	



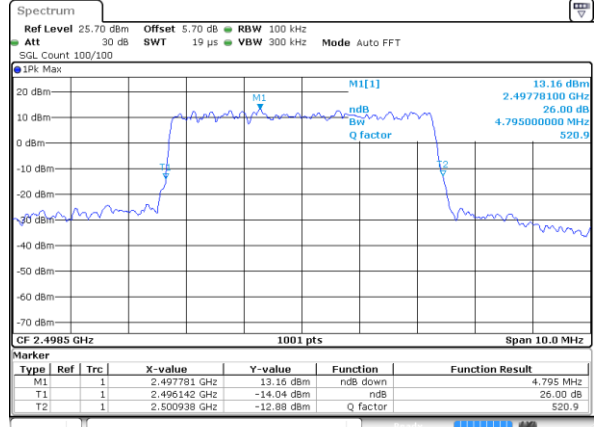
LTE Band 41

Lowest Channel / 5MHz / QPSK



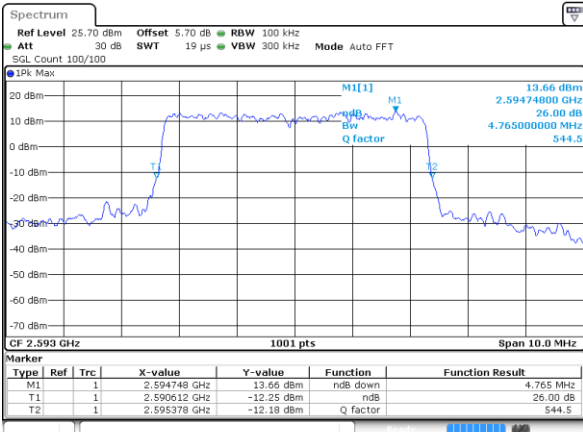
Date: 23 MAR 2022 09:41:03

Lowest Channel / 5MHz / 16QAM



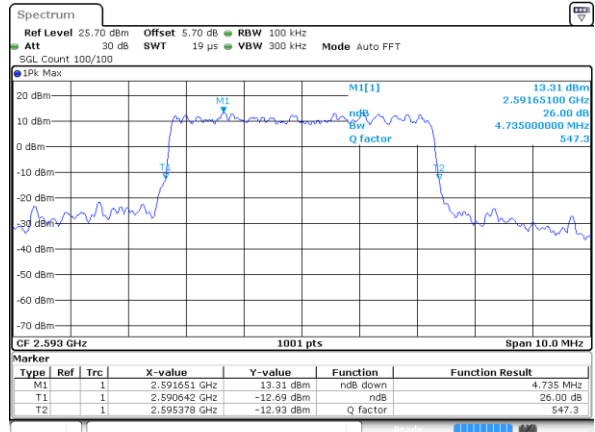
Date: 23 MAR 2022 09:41:14

Middle Channel / 5MHz / QPSK



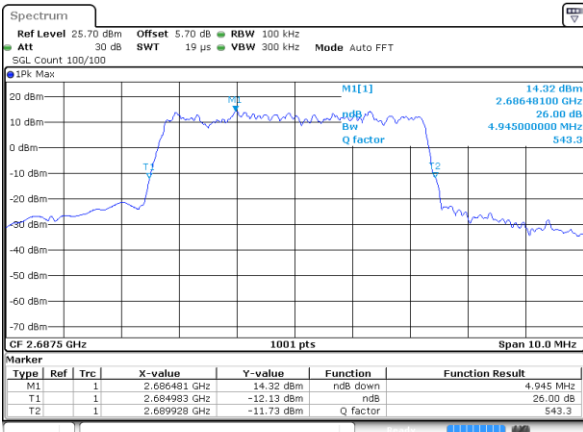
Date: 23 MAR 2022 09:41:47

Middle Channel / 5MHz / 16QAM



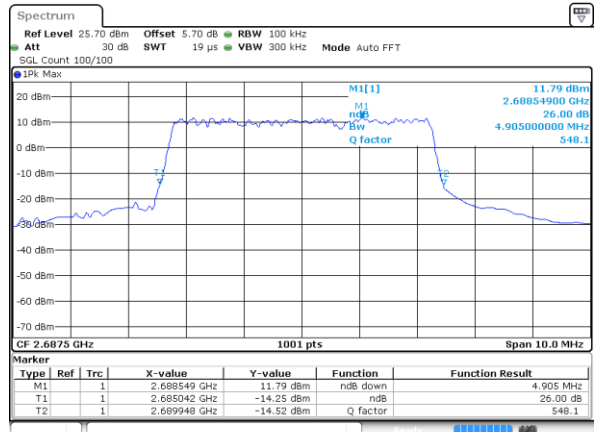
Date: 23 MAR 2022 09:41:58

Highest Channel / 5MHz / QPSK



Date: 23 MAR 2022 09:42:30

Highest Channel / 5MHz / 16QAM

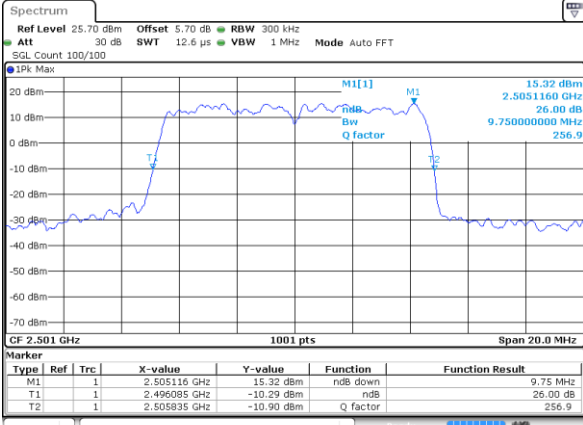


Date: 23 MAR 2022 09:42:41



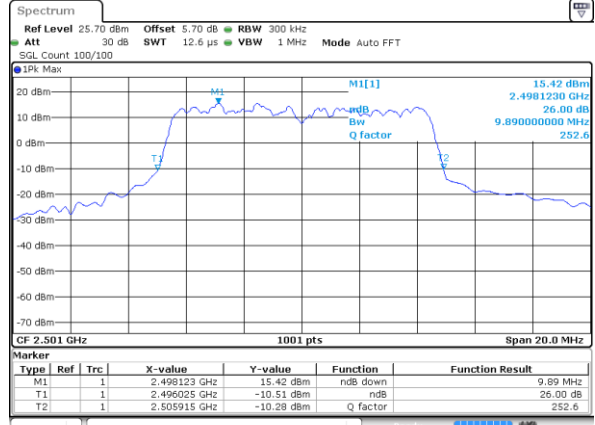
LTE Band 41

Lowest Channel / 10MHz / QPSK



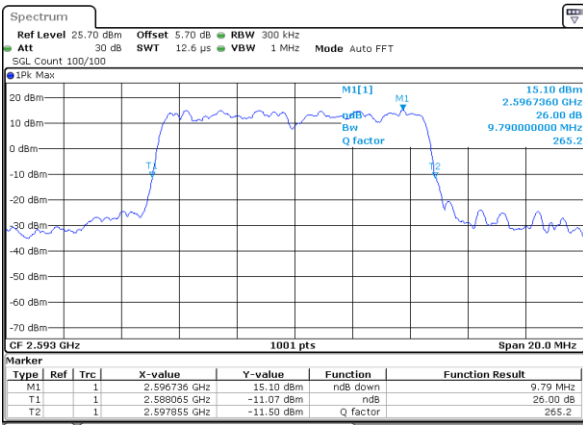
Date: 23 MAR 2022 09:43:14

Lowest Channel / 10MHz / 16QAM



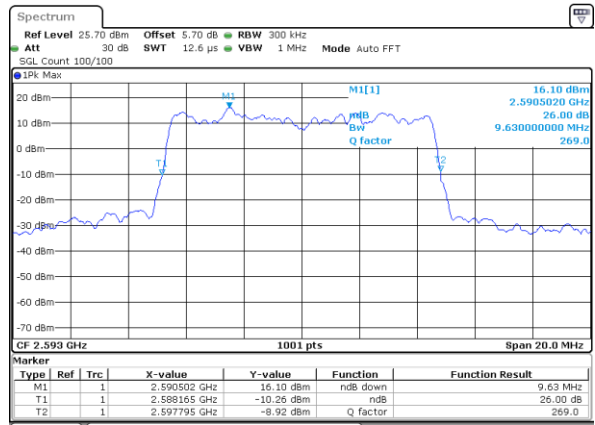
Date: 23 MAR 2022 09:43:25

Middle Channel / 10MHz / QPSK



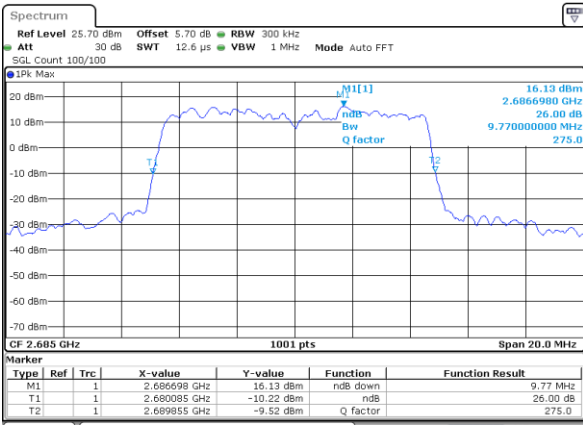
Date: 23 MAR 2022 09:43:58

Middle Channel / 10MHz / 16QAM



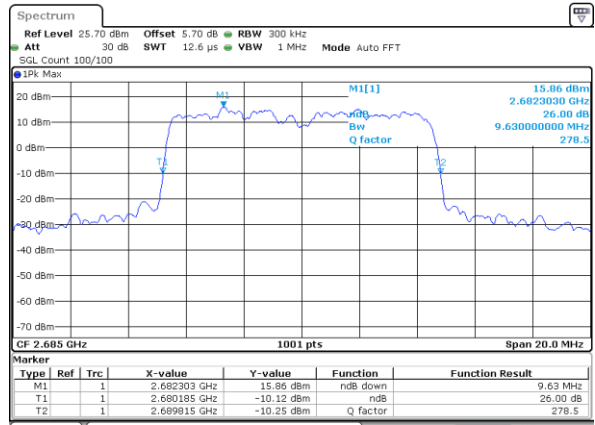
Date: 23 MAR 2022 09:44:09

Highest Channel / 10MHz / QPSK



Date: 23 MAR 2022 09:44:42

Highest Channel / 10MHz / 16QAM

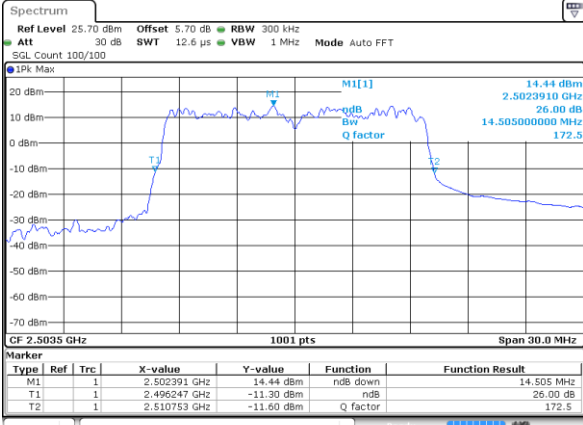


Date: 23 MAR 2022 09:44:52



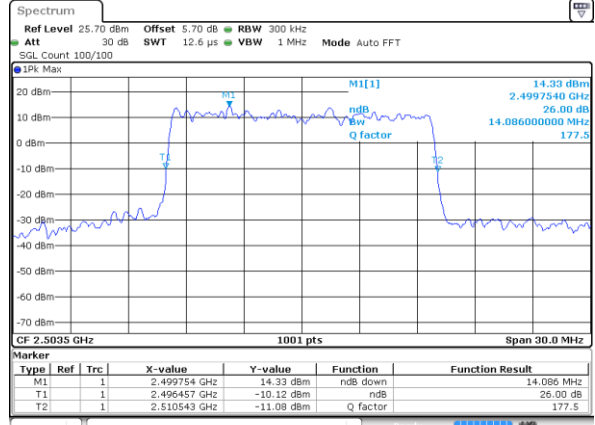
LTE Band 41

Lowest Channel / 15MHz / QPSK



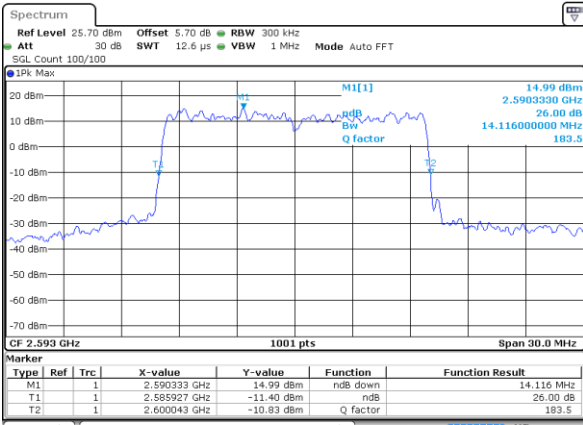
Date: 23 MAR 2022 09:45:25

Lowest Channel / 15MHz / 16QAM



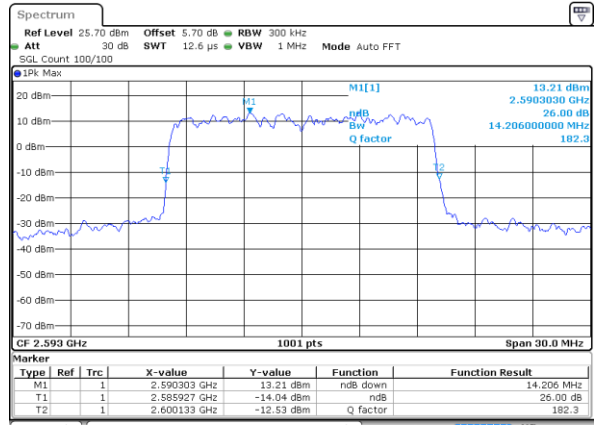
Date: 23 MAR 2022 09:45:36

Middle Channel / 15MHz / QPSK



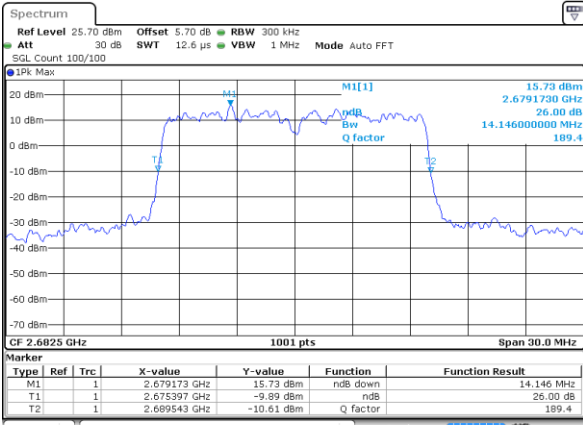
Date: 23 MAR 2022 09:46:09

Middle Channel / 15MHz / 16QAM



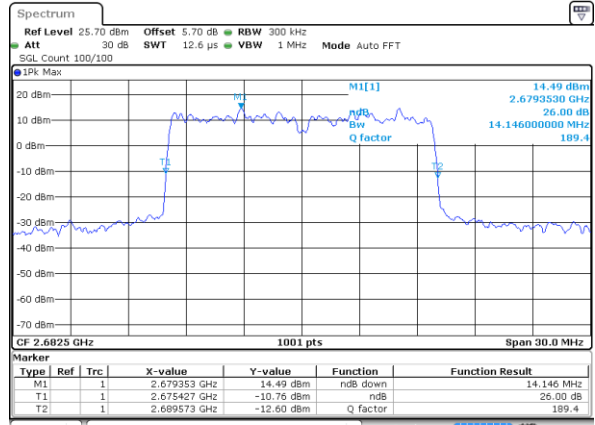
Date: 23 MAR 2022 09:46:20

Highest Channel / 15MHz / QPSK



Date: 23 MAR 2022 09:46:53

Highest Channel / 15MHz / 16QAM



Date: 23 MAR 2022 09:47:03