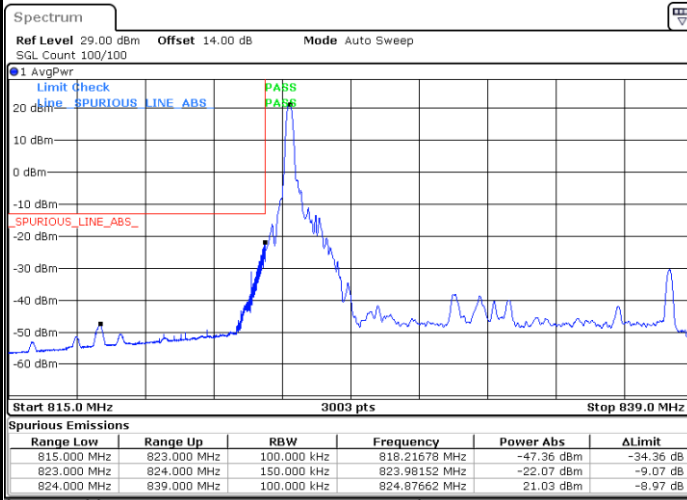




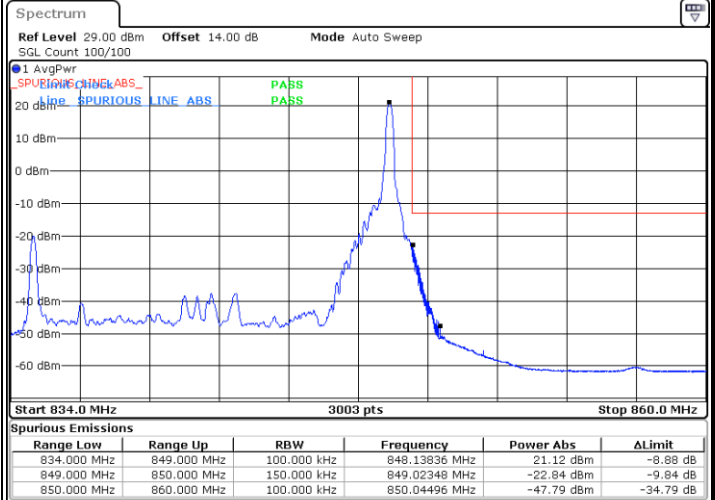
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



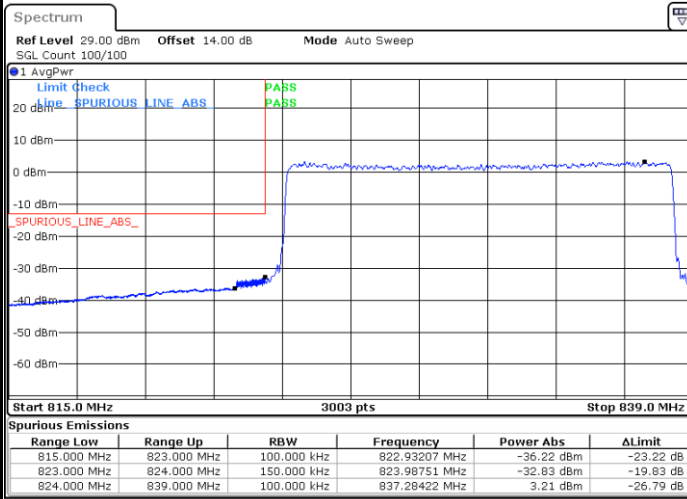
Date: 28.NOV.2022 15:33:04

Highest Band Edge / 1 RB



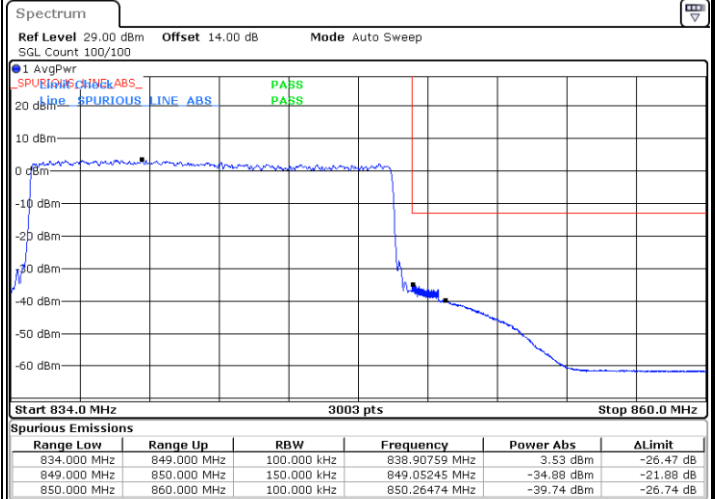
Date: 28.NOV.2022 15:34:03

Lowest Band Edge / Full RB



Date: 28.NOV.2022 15:30:09

Highest Band Edge / Full RB

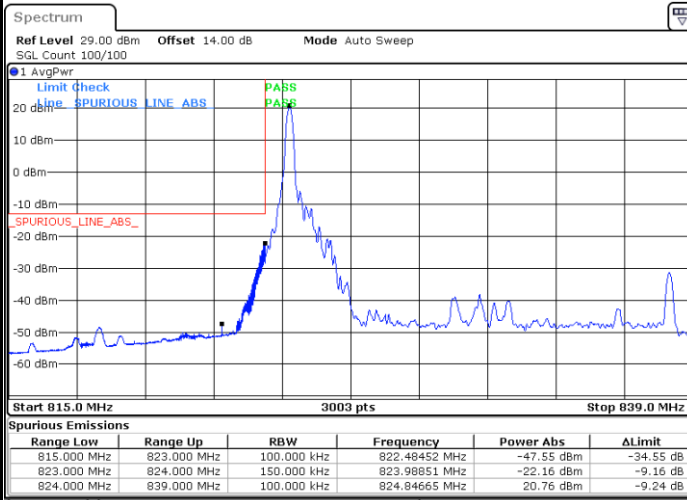


Date: 28.NOV.2022 15:36:58



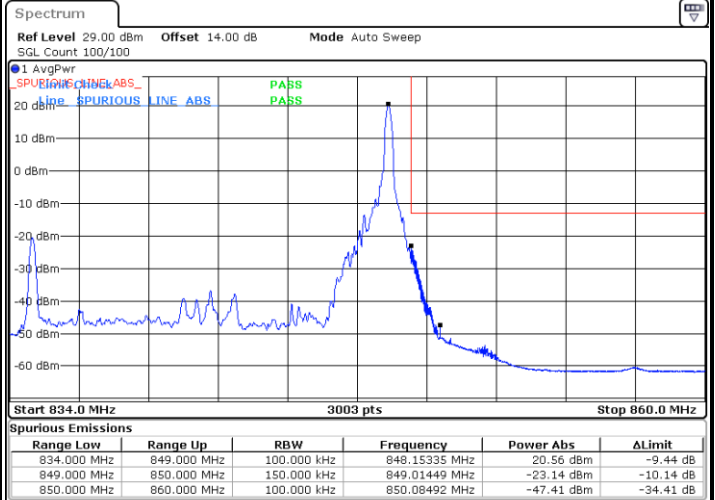
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



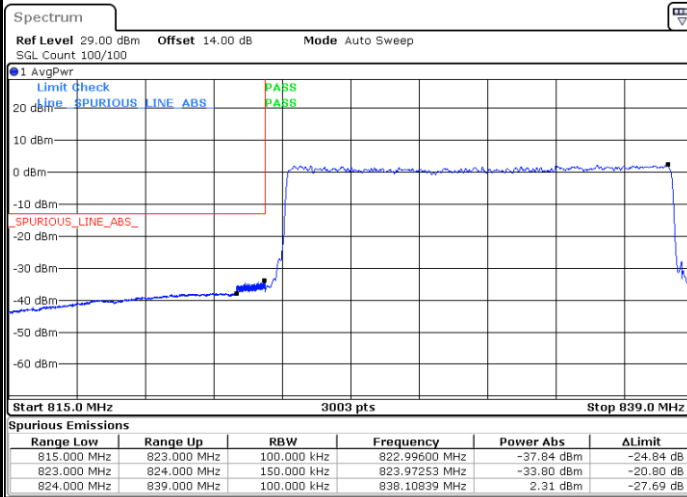
Date: 28.NOV.2022 15:32:05

Highest Band Edge / 1 RB



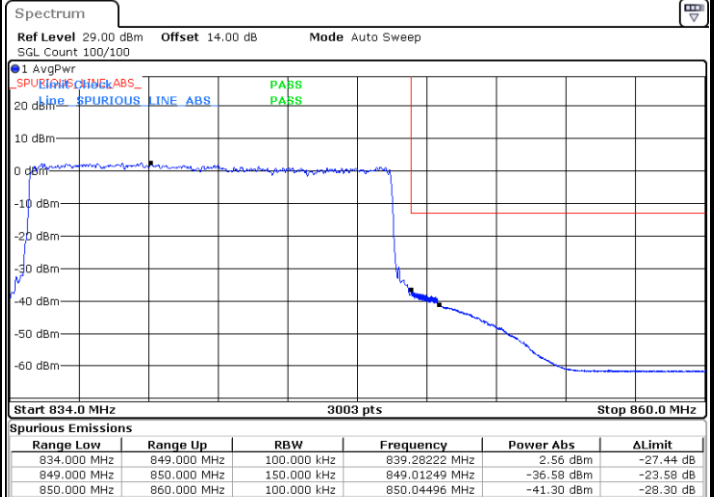
Date: 28.NOV.2022 15:35:01

Lowest Band Edge / Full RB



Date: 28.NOV.2022 15:31:07

Highest Band Edge / Full RB

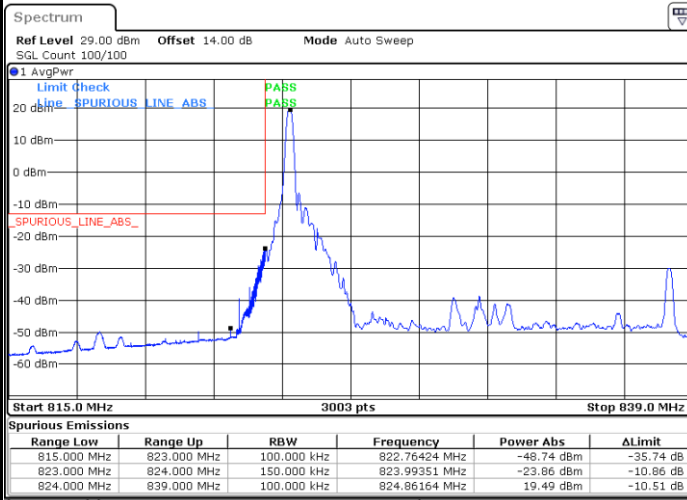


Date: 28.NOV.2022 15:35:59



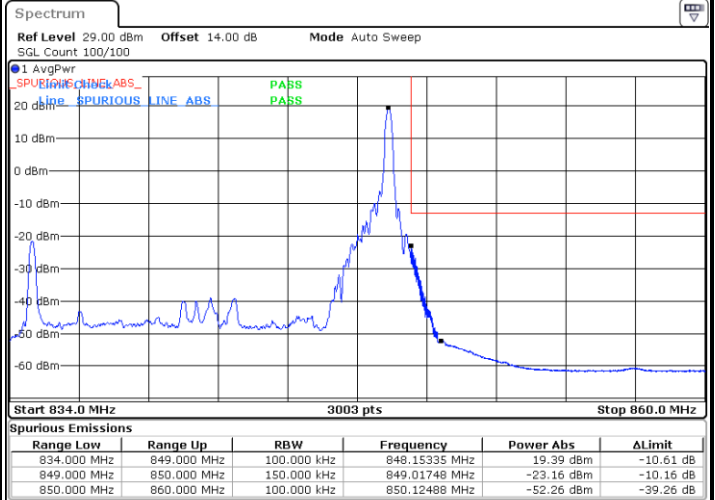
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



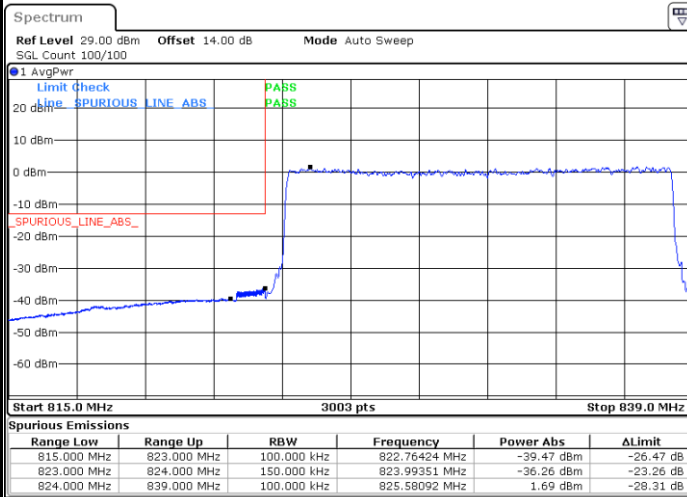
Date: 1.DEC.2022 09:42:58

Highest Band Edge / 1 RB



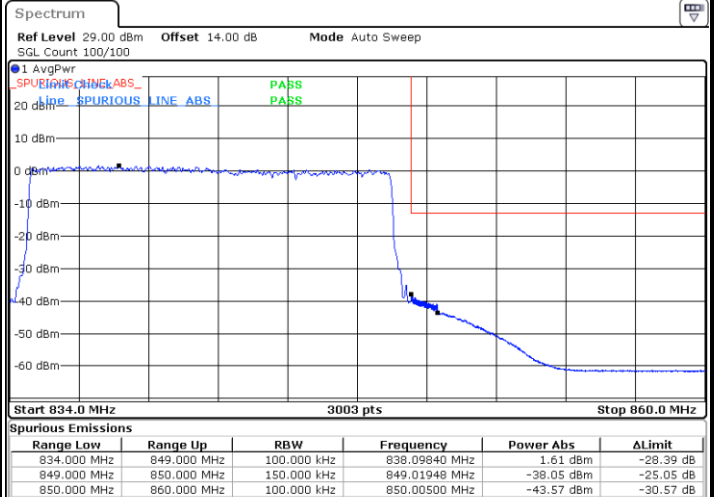
Date: 1.DEC.2022 09:44:01

Lowest Band Edge / Full RB



Date: 1.DEC.2022 09:41:56

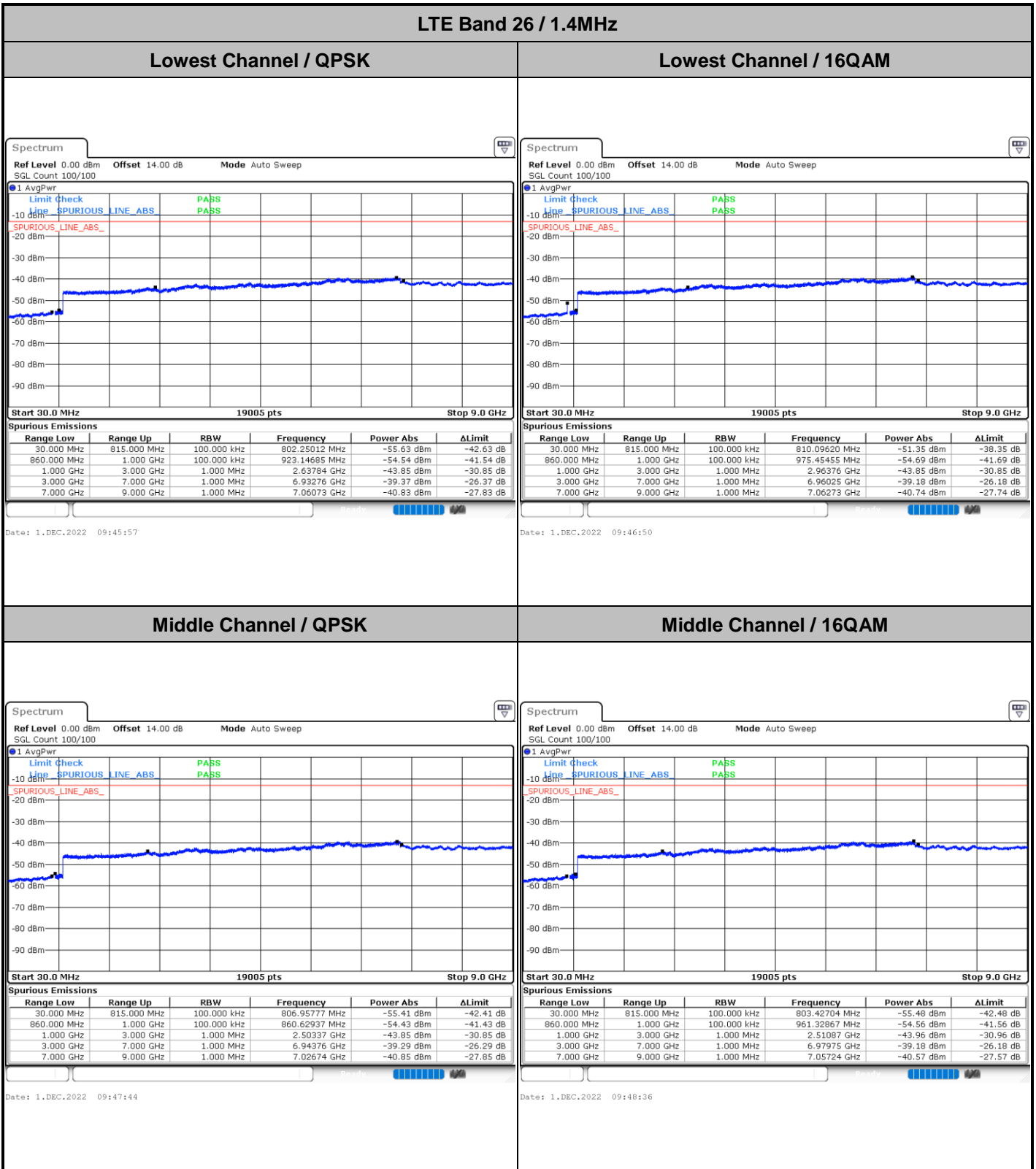
Highest Band Edge / Full RB



Date: 1.DEC.2022 09:45:04



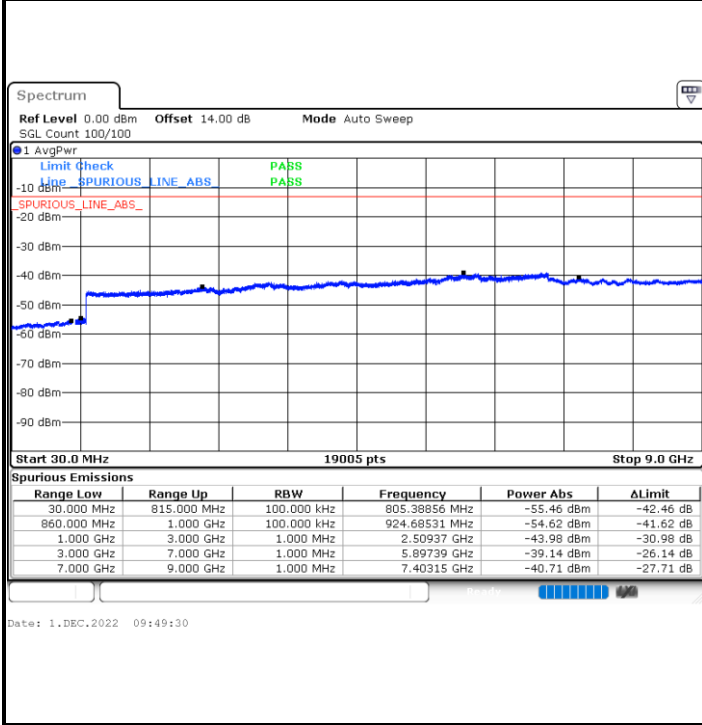
# Conducted Spurious Emission



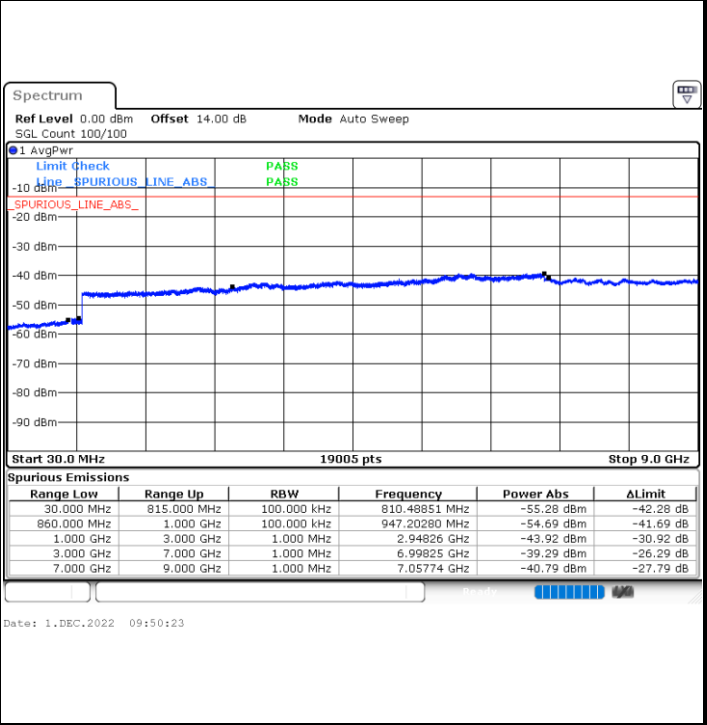


LTE Band 26 / 1.4MHz

Highest Channel / QPSK

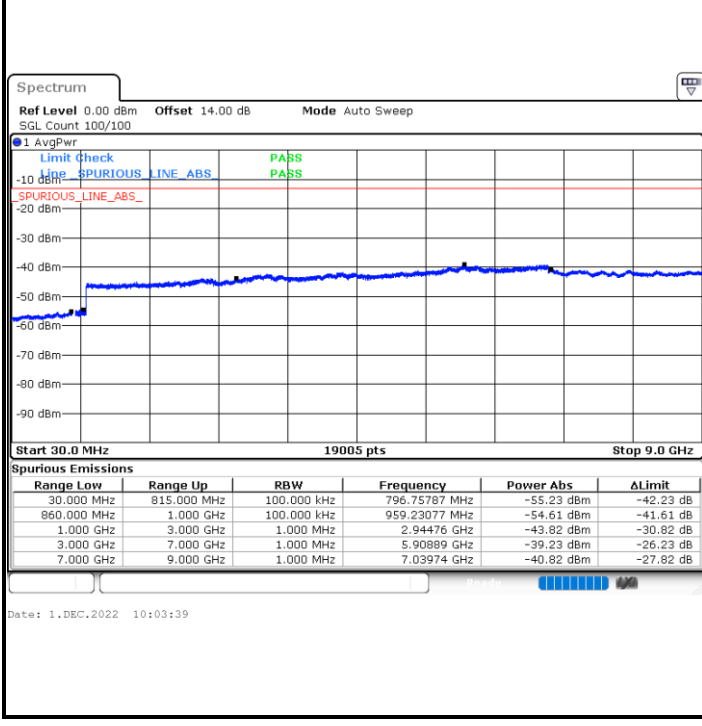


Highest Channel / 16QAM

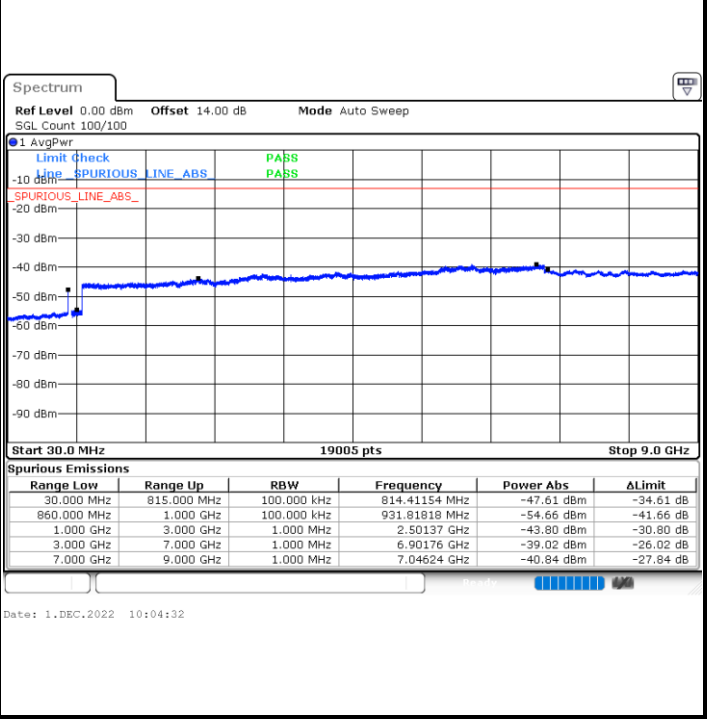


LTE Band 26 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

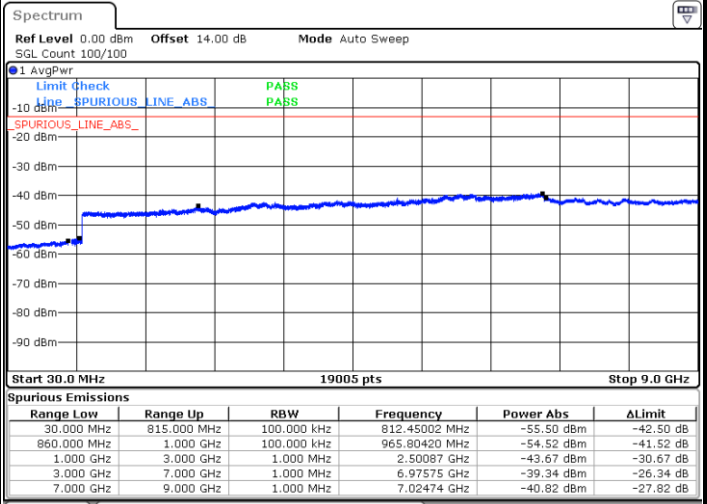
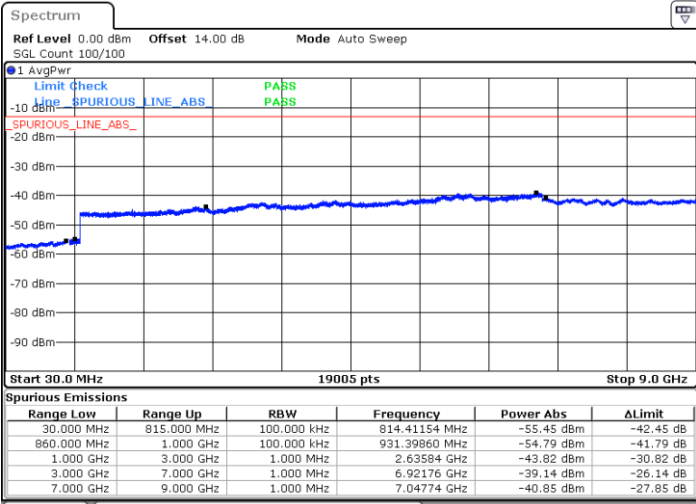




LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

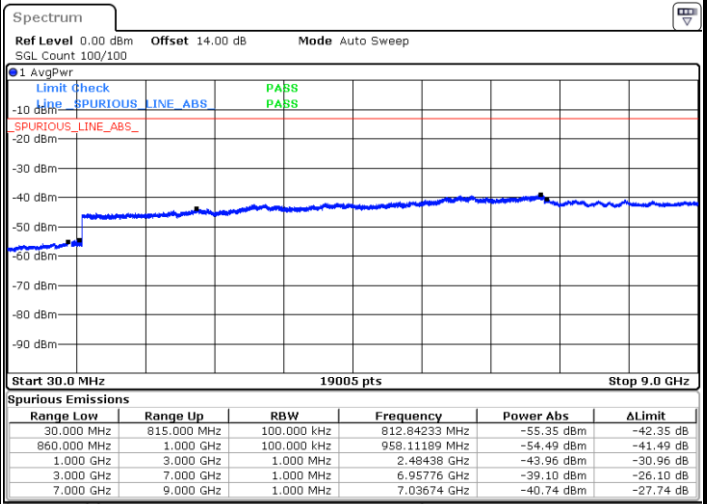
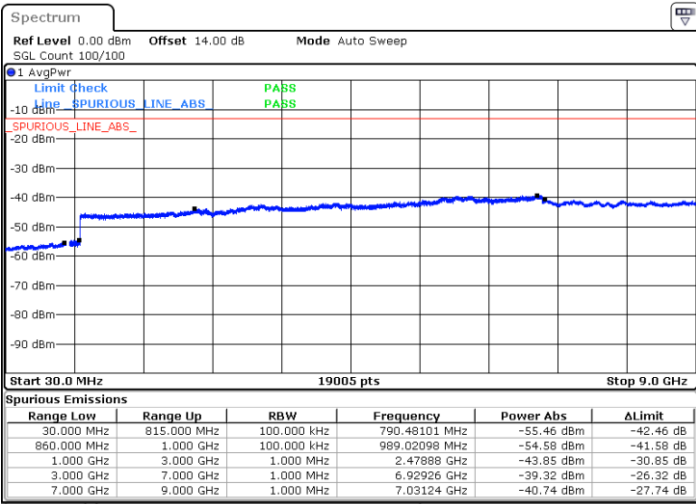


Date: 1.DEC.2022 10:05:25

Date: 1.DEC.2022 10:06:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.DEC.2022 10:07:11

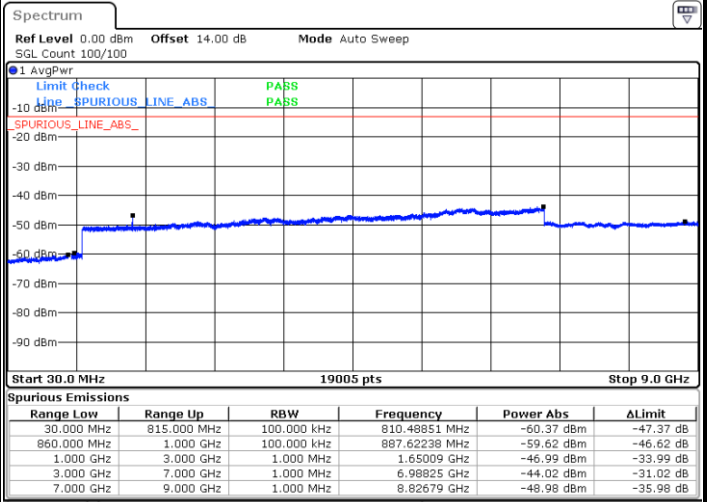
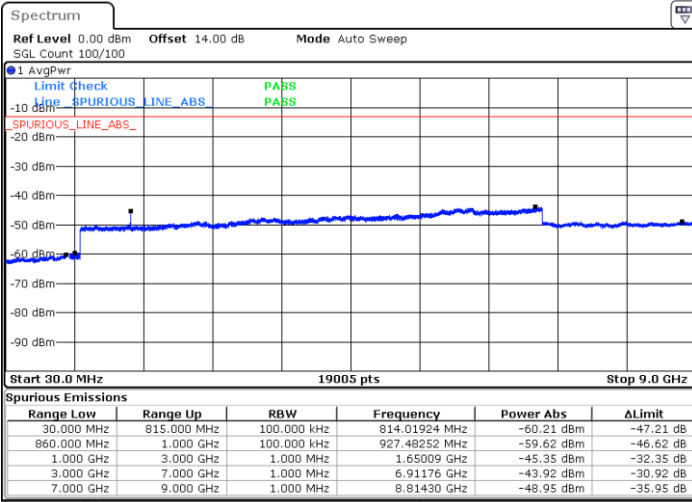
Date: 1.DEC.2022 10:08:04



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

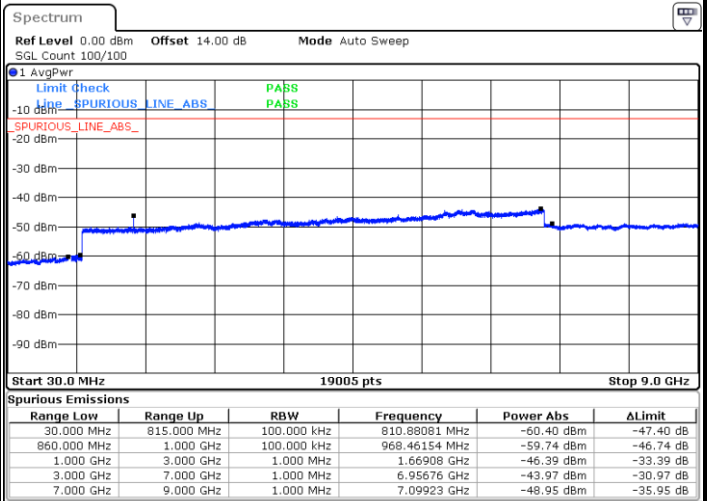
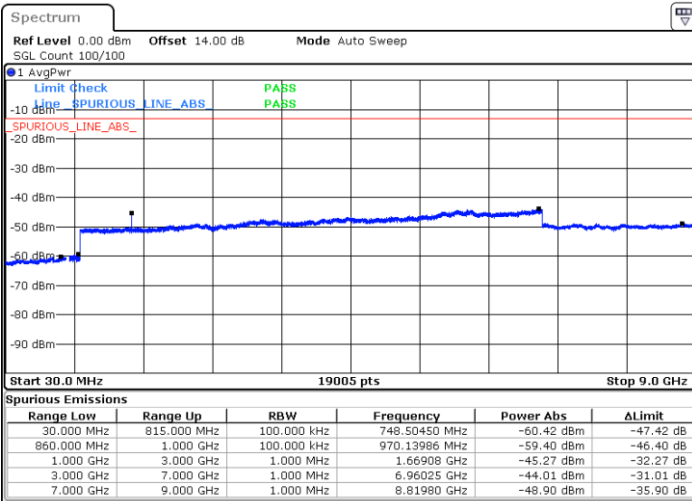


Date: 1.DEC.2022 10:08:57

Date: 1.DEC.2022 10:09:50

Middle Channel / QPSK

Middle Channel / 16QAM



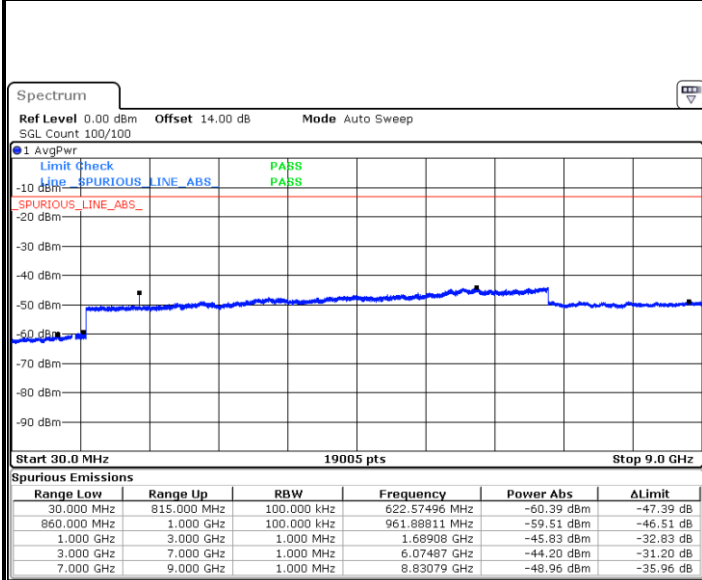
Date: 1.DEC.2022 10:10:43

Date: 1.DEC.2022 10:11:36



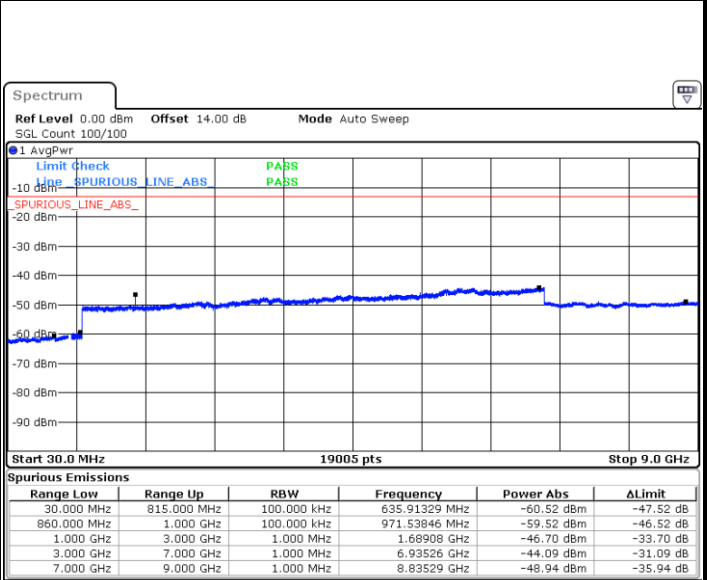
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 1.DEC.2022 10:12:29

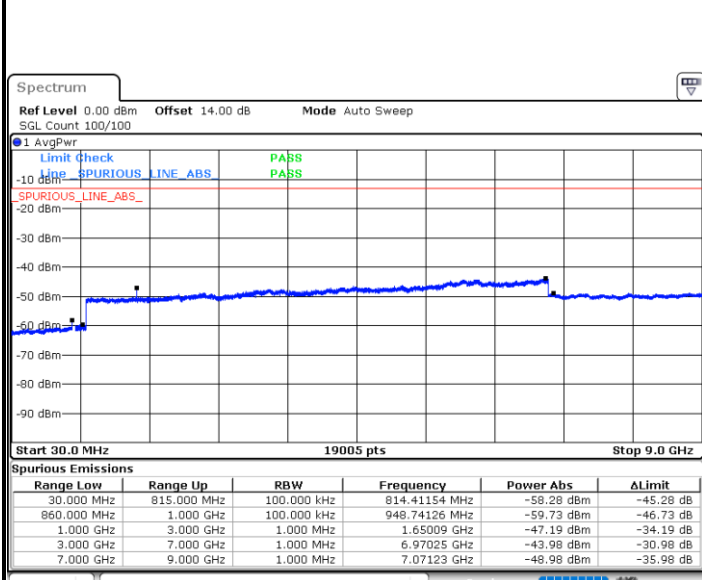
Highest Channel / 16QAM



Date: 1.DEC.2022 10:13:22

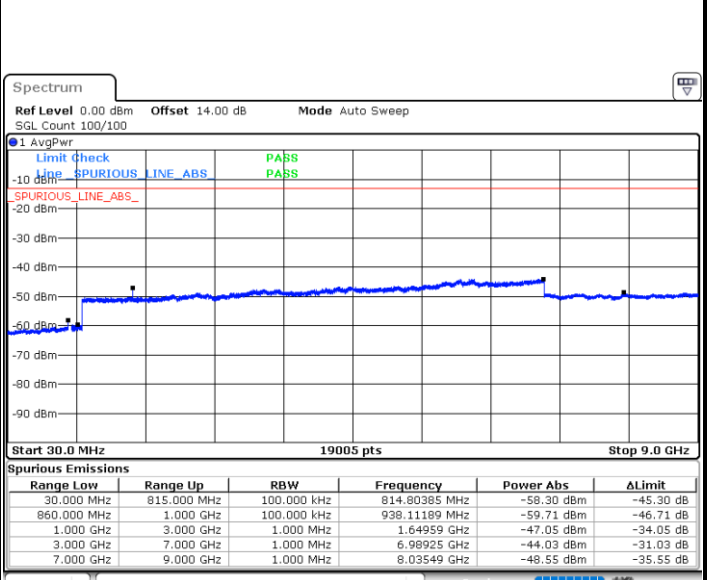
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 1.DEC.2022 10:14:15

Lowest Channel / 16QAM



Date: 1.DEC.2022 10:15:08

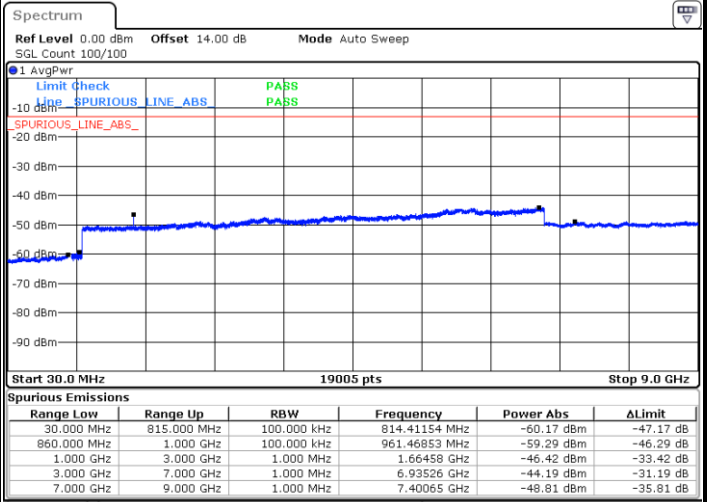
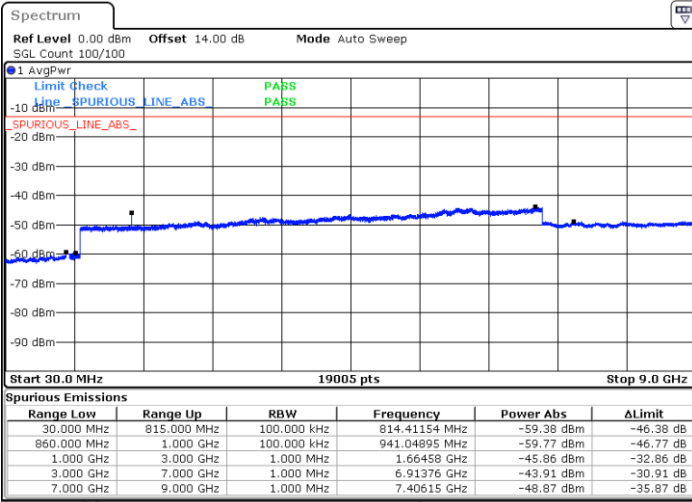




LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

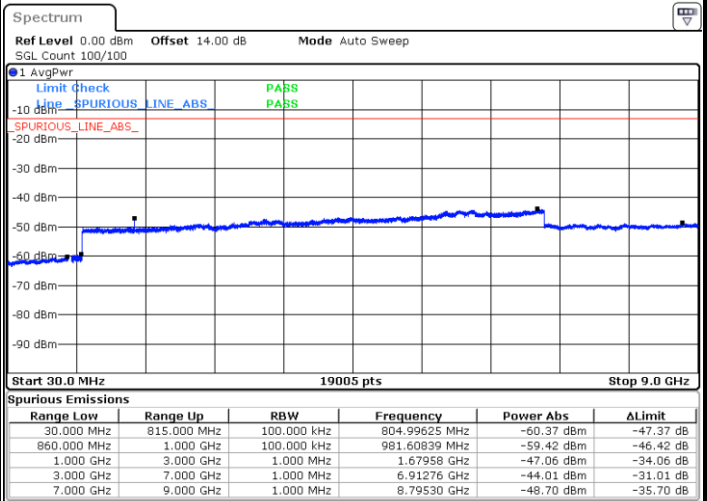
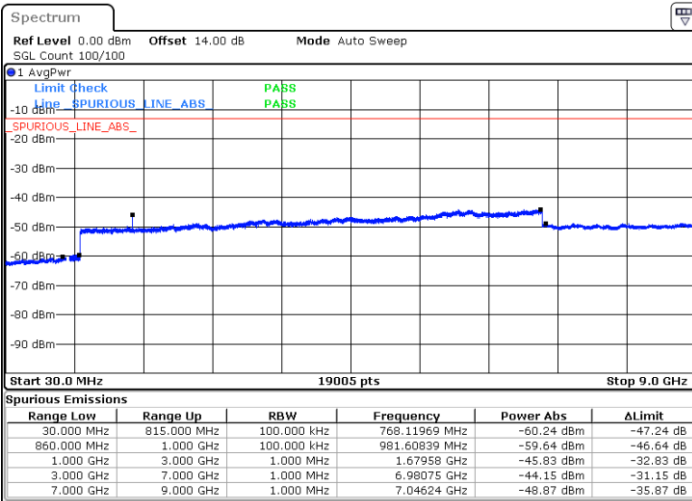


Date: 1.DEC.2022 10:16:01

Date: 1.DEC.2022 10:16:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.DEC.2022 10:17:47

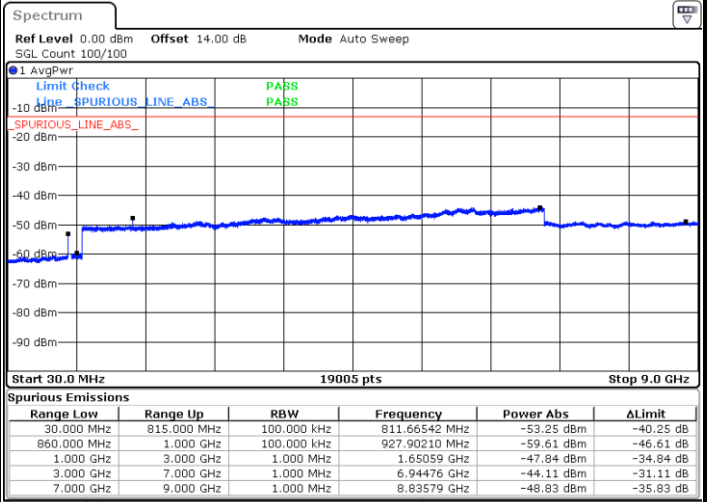
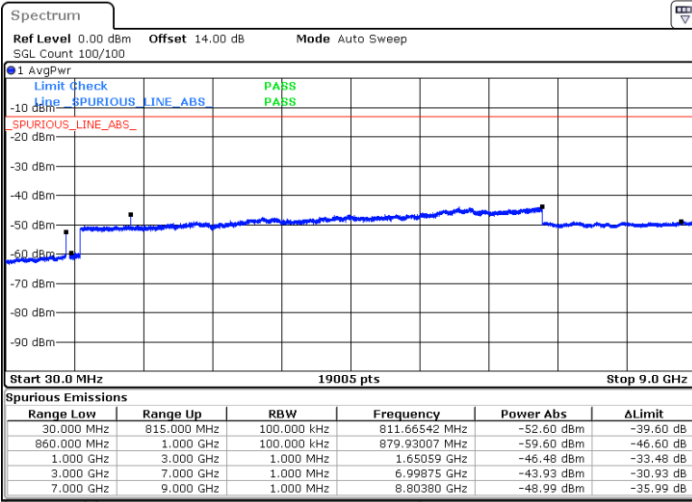
Date: 1.DEC.2022 10:18:40



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

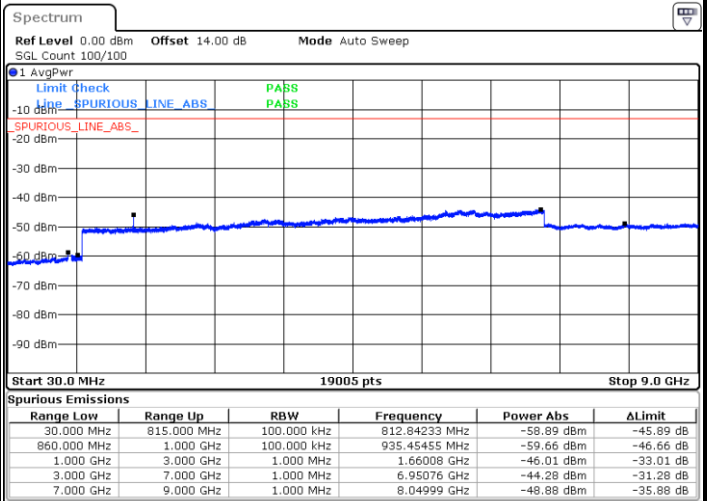
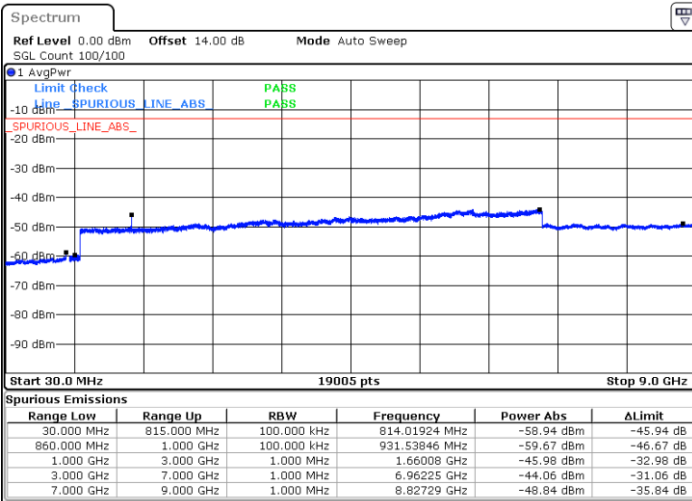


Date: 1.DEC.2022 10:19:33

Date: 1.DEC.2022 10:20:25

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.DEC.2022 10:21:18

Date: 1.DEC.2022 10:22:10

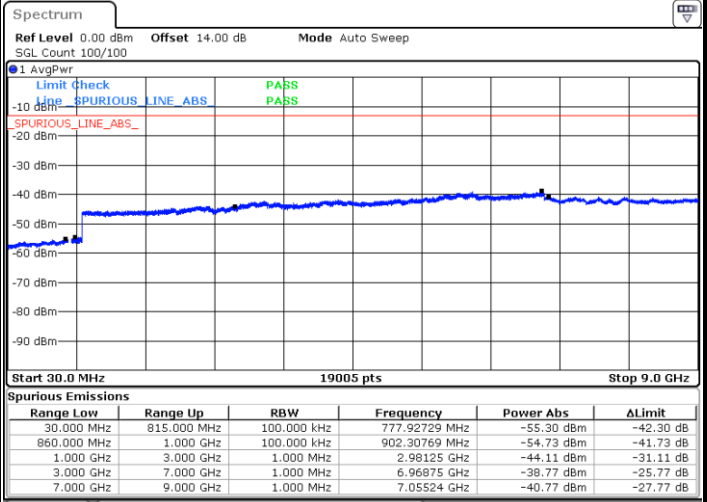
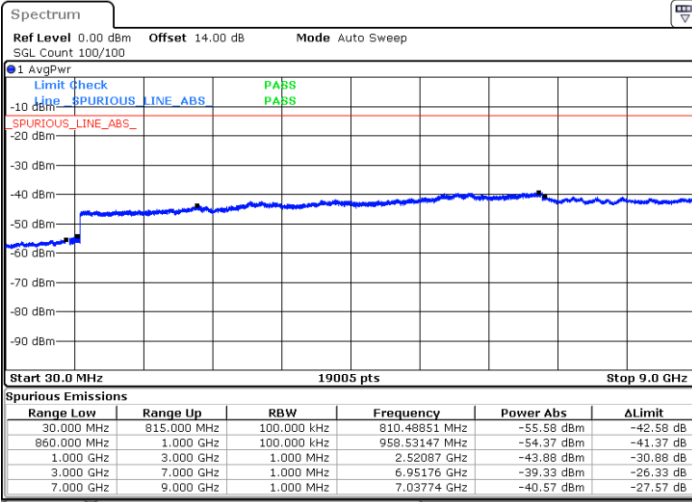




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

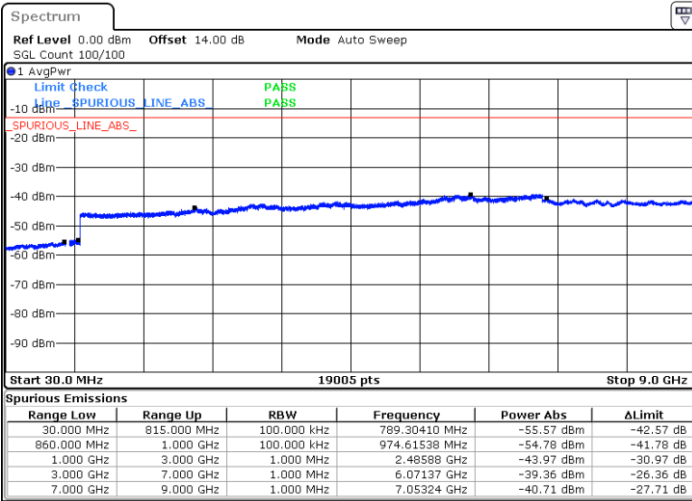
Middle Channel / 64QAM



Date: 1.DEC.2022 09:51:16

Date: 1.DEC.2022 09:52:09

Highest Channel / 64QAM



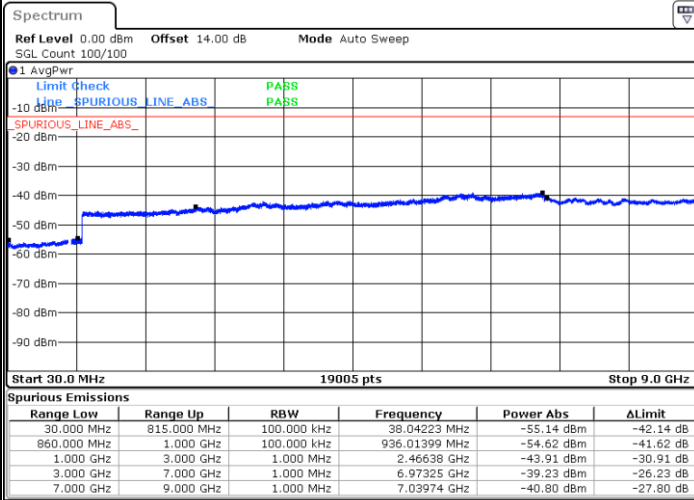
Date: 1.DEC.2022 09:53:02



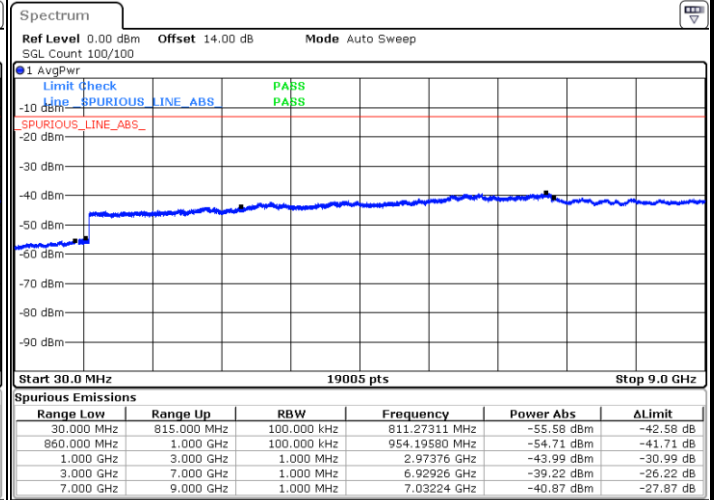
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

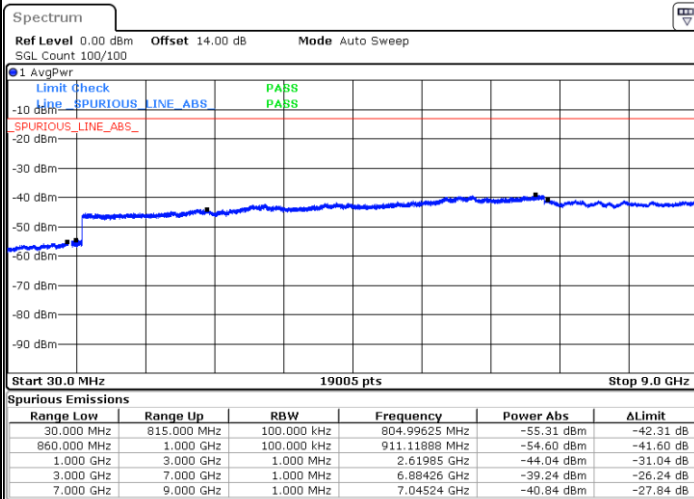


Date: 5. DEC. 2022 13:43:32



Date: 1. DEC. 2022 09:53:56

Highest Channel / 64QAM



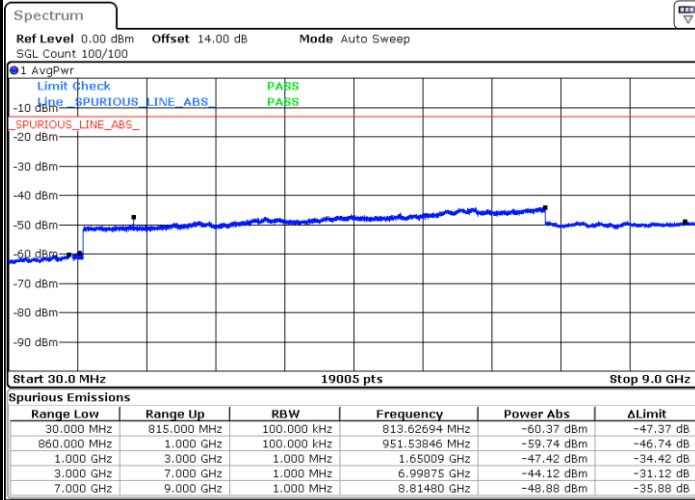
Date: 1. DEC. 2022 09:54:48



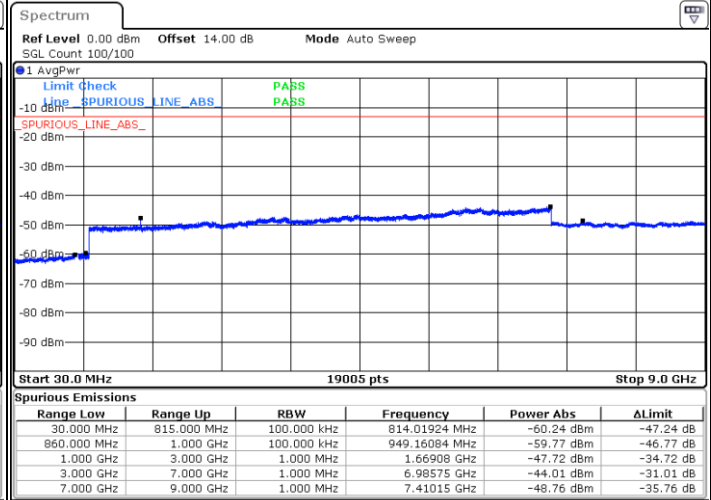
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

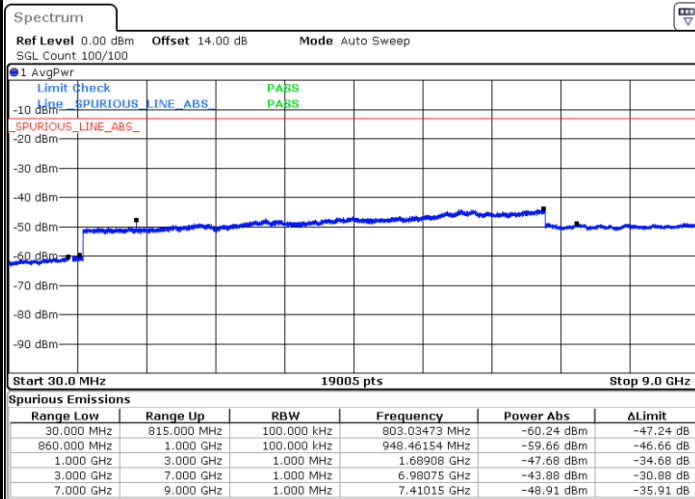


Date: 1.DEC.2022 09:55:41



Date: 1.DEC.2022 09:56:35

Highest Channel / 64QAM

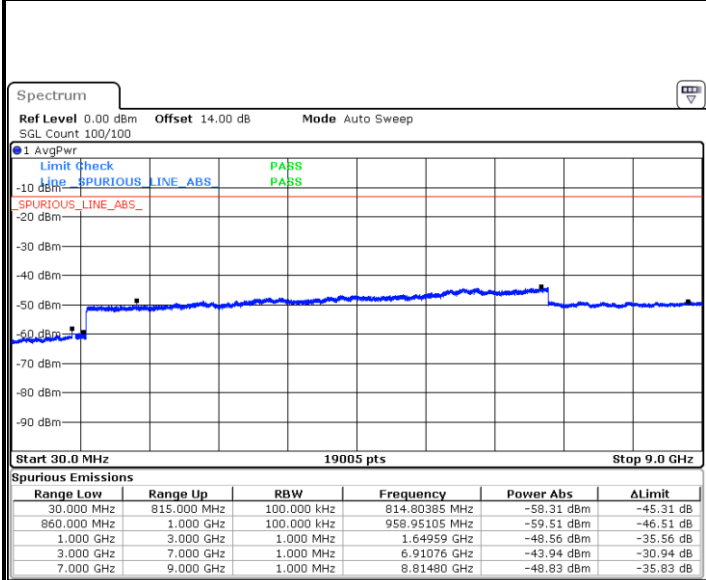


Date: 1.DEC.2022 09:57:27



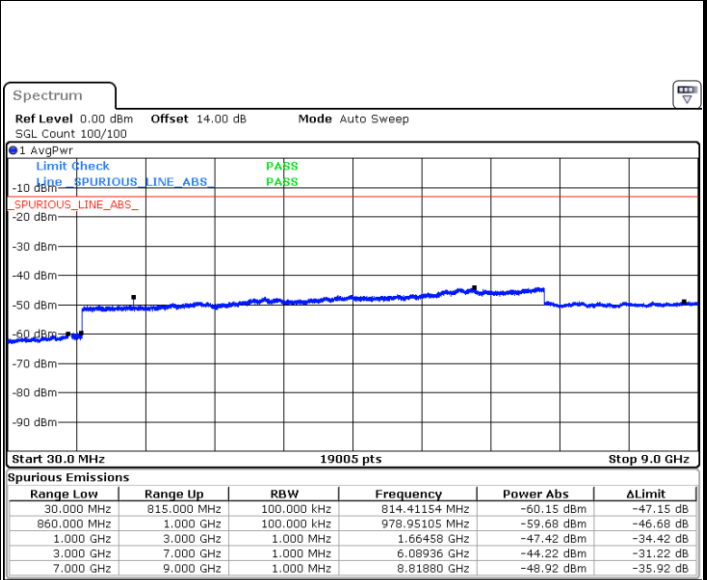
LTE Band 26 / 10MHz

Lowest Channel / 64QAM



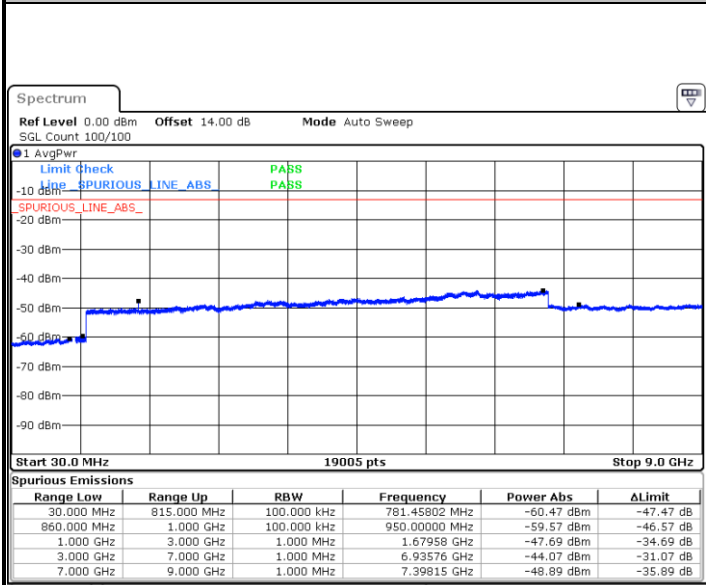
Date: 1.DEC.2022 09:58:21

Middle Channel / 64QAM



Date: 1.DEC.2022 09:59:14

Highest Channel / 64QAM



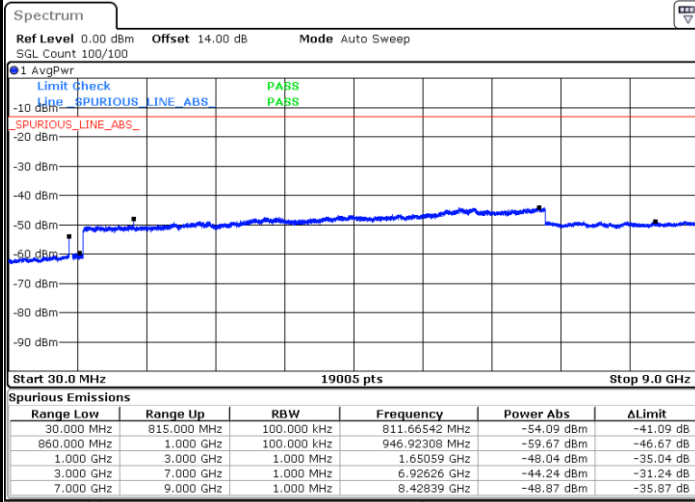
Date: 1.DEC.2022 10:00:06



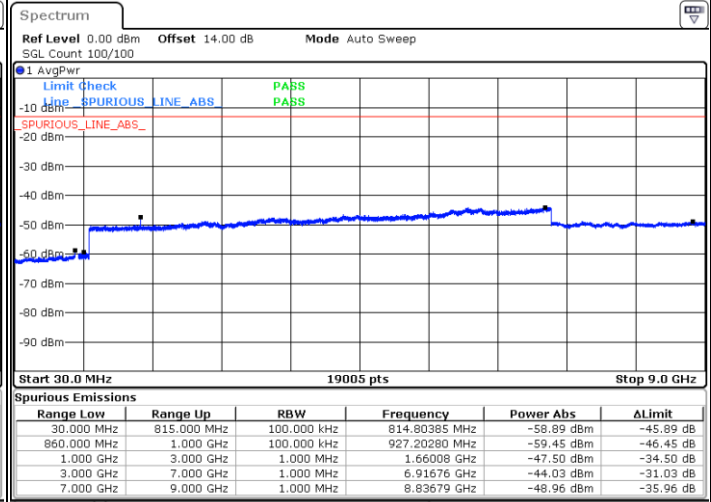
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

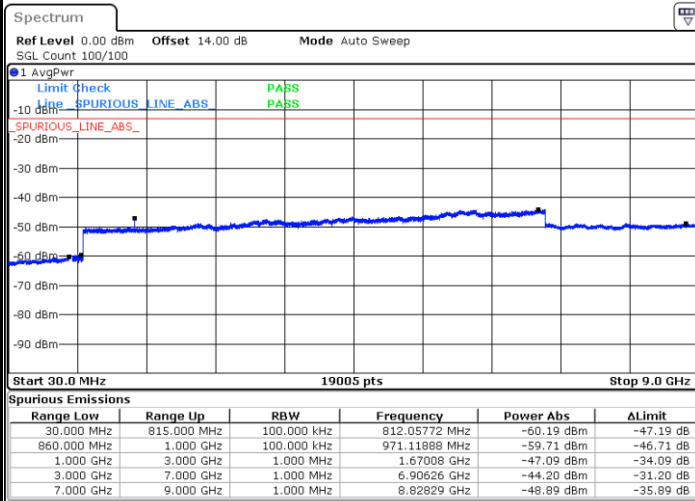


Date: 1.DEC.2022 10:00:59



Date: 1.DEC.2022 10:01:52

Highest Channel / 64QAM



Date: 1.DEC.2022 10:02:45





### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41

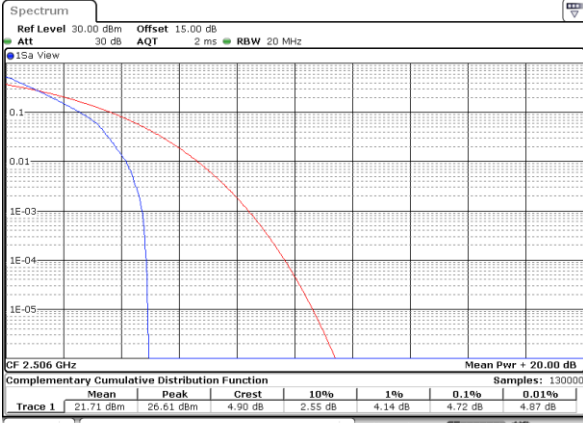
## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.72	5.22	5.74	6.23	PASS
Middle CH	4.55	5.25	6.00	6.20	
Highest CH	4.55	5.16	5.74	6.06	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.00	6.23	-	-	PASS
Middle CH	5.97	6.23	-	-	
Highest CH	5.88	6.26	-	-	



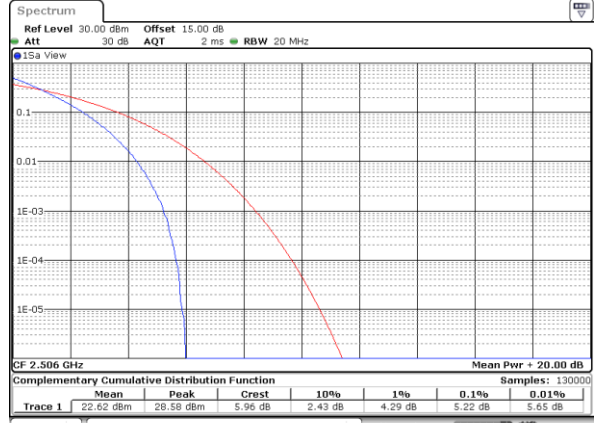
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



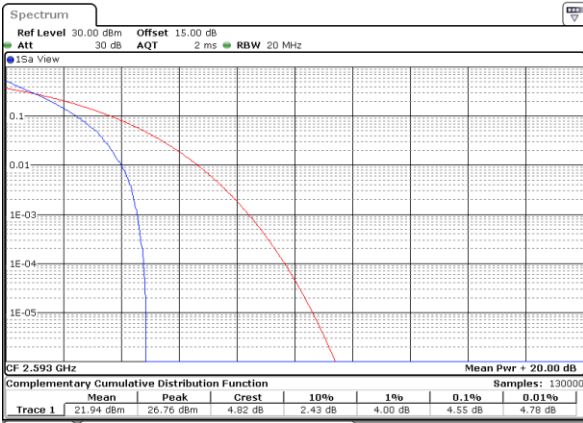
Date: 5,DEC,2022 13:51:59

Lowest Channel / Full RB



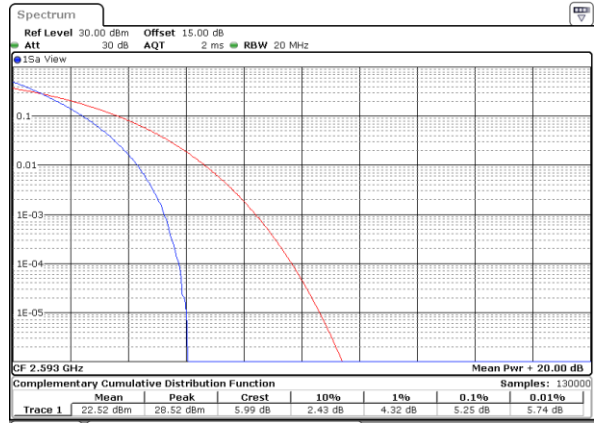
Date: 5,DEC,2022 13:55:17

Middle Channel / 1RB



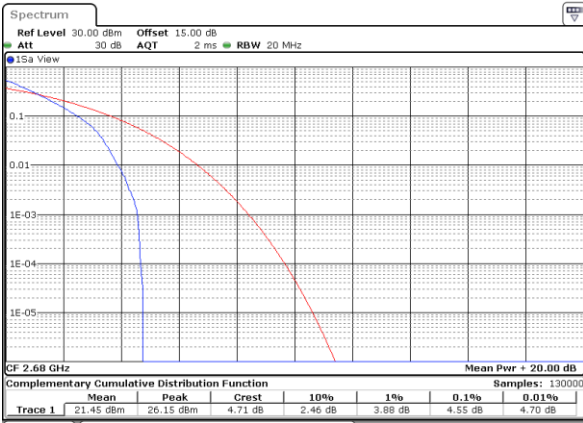
Date: 5,DEC,2022 14:10:01

Middle Channel / Full RB



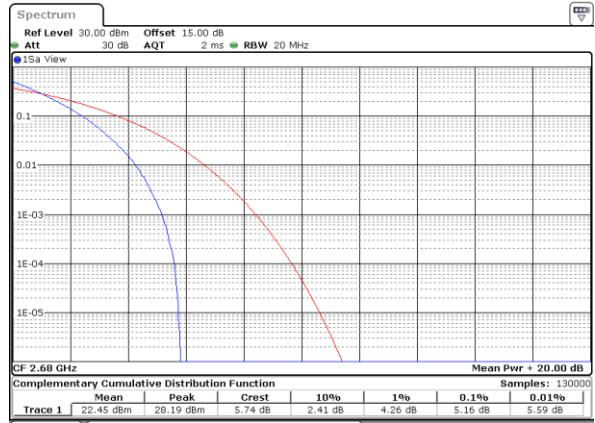
Date: 5,DEC,2022 13:55:52

Highest Channel / 1RB



Date: 5,DEC,2022 14:10:43

Highest Channel / Full RB

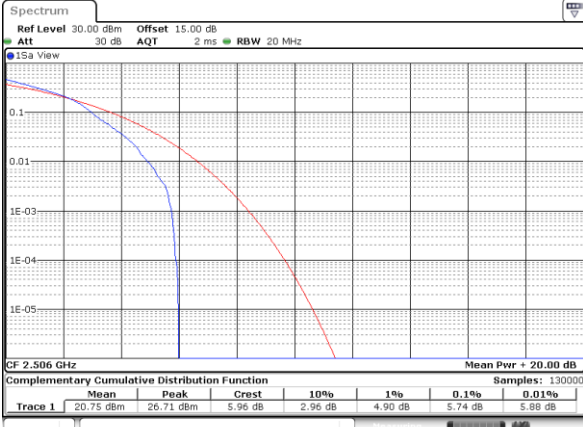


Date: 5,DEC,2022 14:13:45



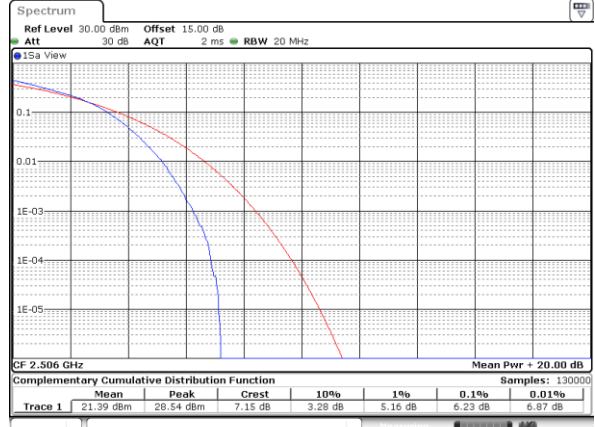
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



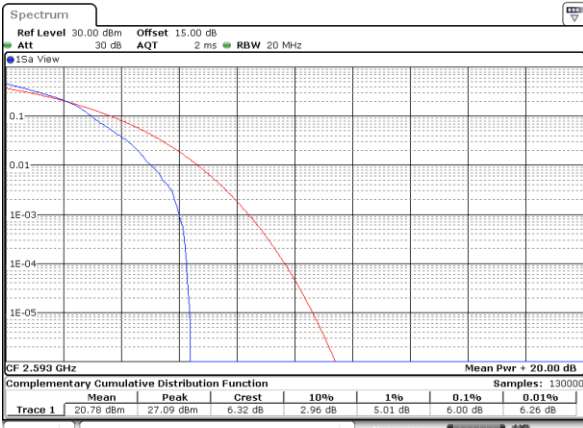
Date: 5,DEC,2022 13:52:32

Lowest Channel / Full RB



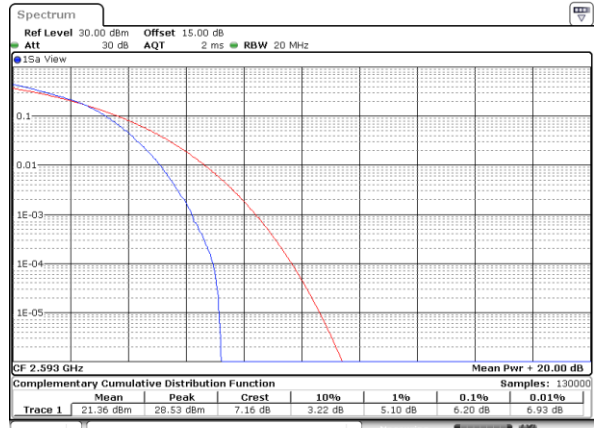
Date: 5,DEC,2022 13:54:41

Middle Channel / 1RB



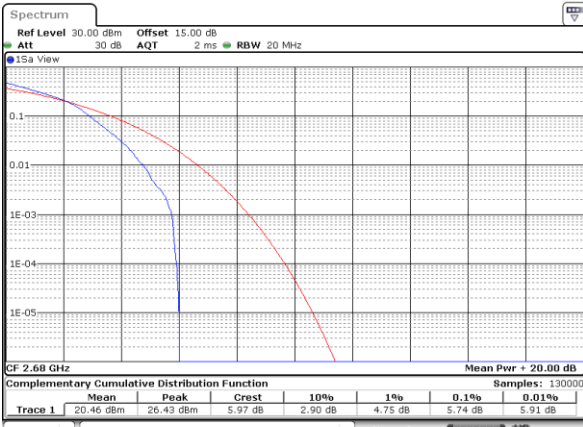
Date: 5,DEC,2022 14:09:19

Middle Channel / Full RB



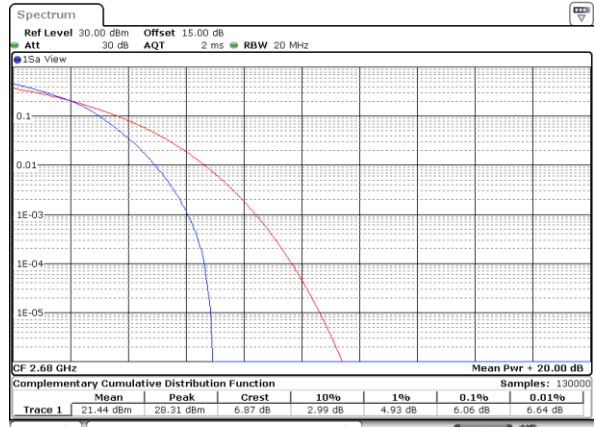
Date: 5,DEC,2022 13:56:48

Highest Channel / 1RB



Date: 5,DEC,2022 14:11:21

Highest Channel / Full RB

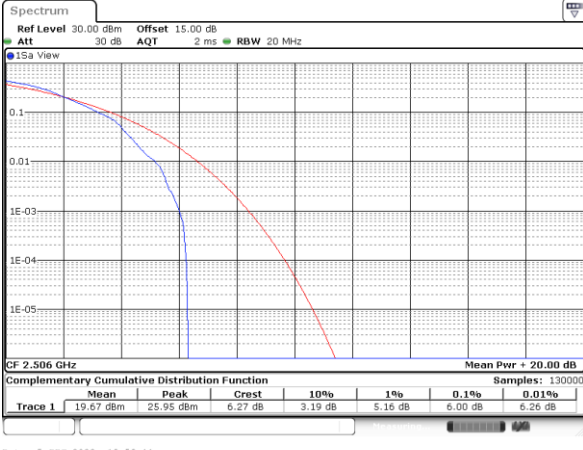


Date: 5,DEC,2022 14:13:11



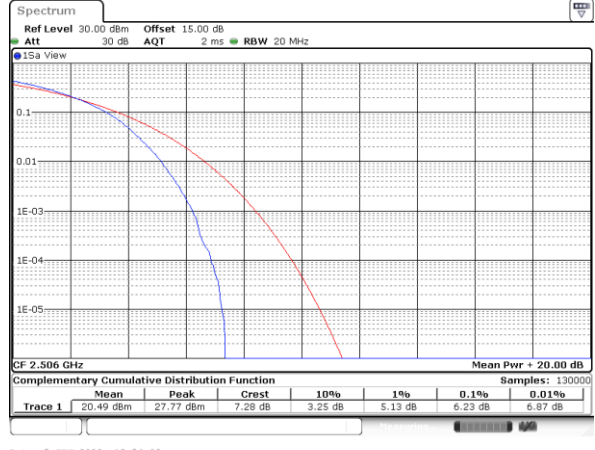
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



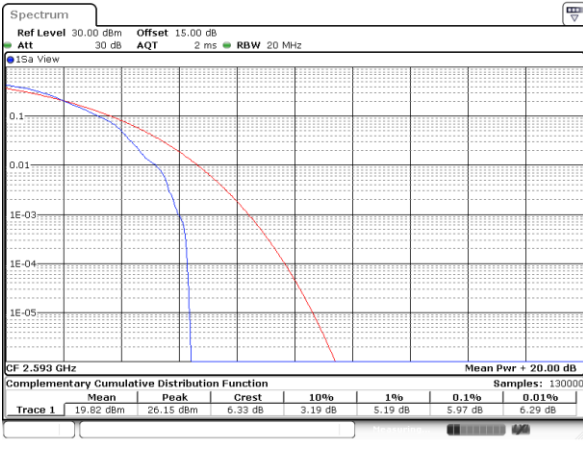
Date: 5,DEC,2022 13:53:11

Lowest Channel / Full RB



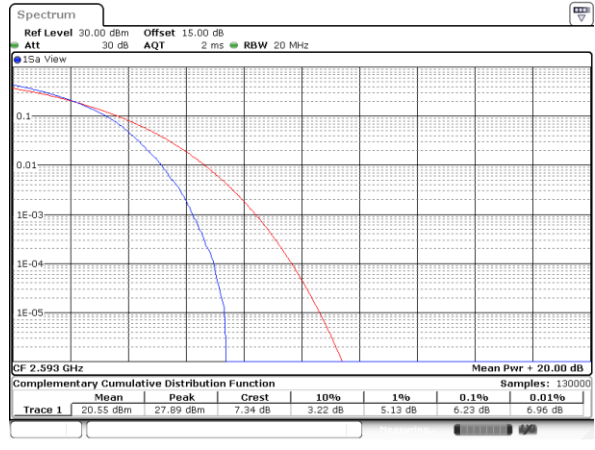
Date: 5,DEC,2022 13:54:08

Middle Channel / 1RB



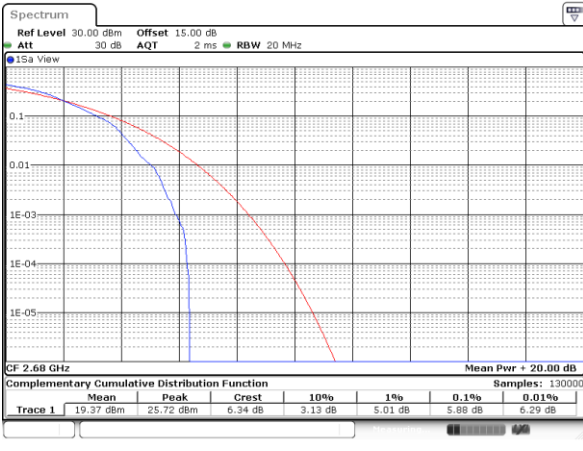
Date: 5,DEC,2022 14:08:34

Middle Channel / Full RB



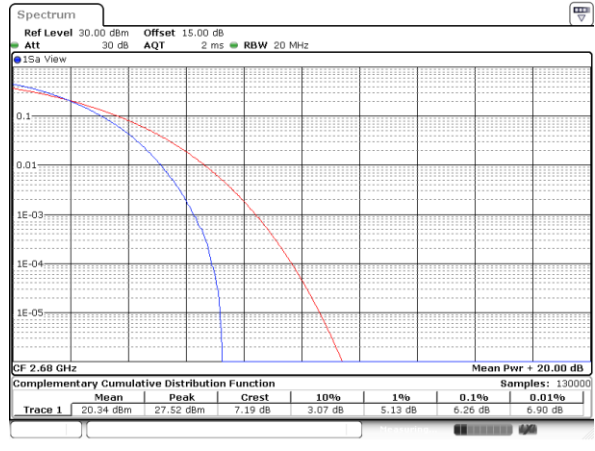
Date: 5,DEC,2022 14:07:04

Highest Channel / 1RB



Date: 5,DEC,2022 14:11:58

Highest Channel / Full RB



Date: 5,DEC,2022 14:12:36



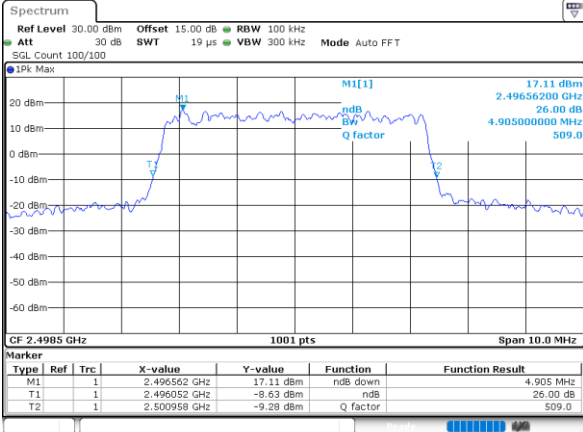
26dB Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.91	4.81	10.09	9.93	14.18	14.15	19.06	18.70
Middle CH	-	-	-	-	4.75	4.78	9.67	9.79	14.21	14.24	19.06	18.74
Highest CH	-	-	-	-	4.84	4.80	9.63	9.63	14.45	14.27	18.70	18.78
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.87	-	9.91	-	14.12	-	18.74	-
Middle CH	-	-	-	-	4.73	-	9.63	-	14.48	-	18.82	-
Highest CH	-	-	-	-	4.84	-	9.69	-	14.33	-	18.94	-



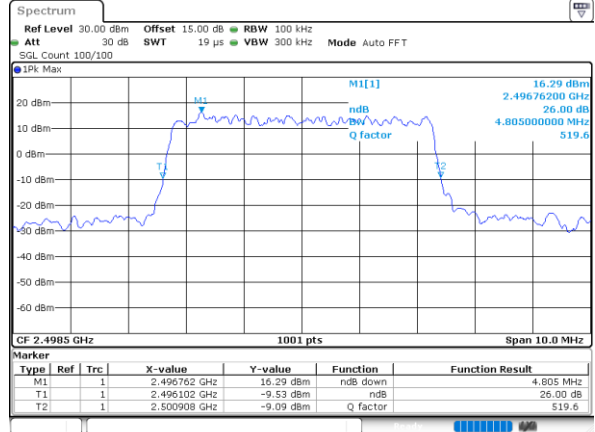
LTE Band 41

Lowest Channel / 5MHz / QPSK



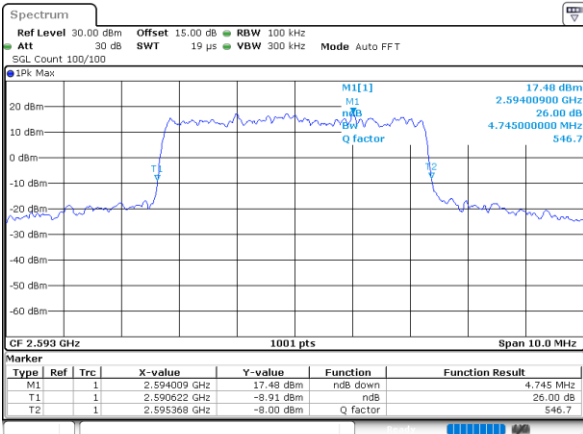
Date: 30,NOV,2022 18:32:58

Lowest Channel / 5MHz / 16QAM



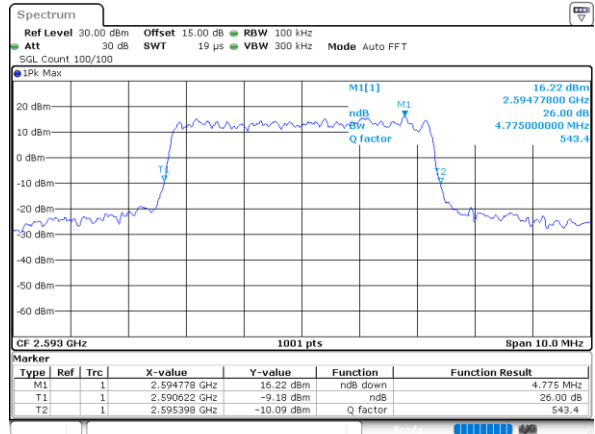
Date: 30,NOV,2022 18:33:23

Middle Channel / 5MHz / QPSK



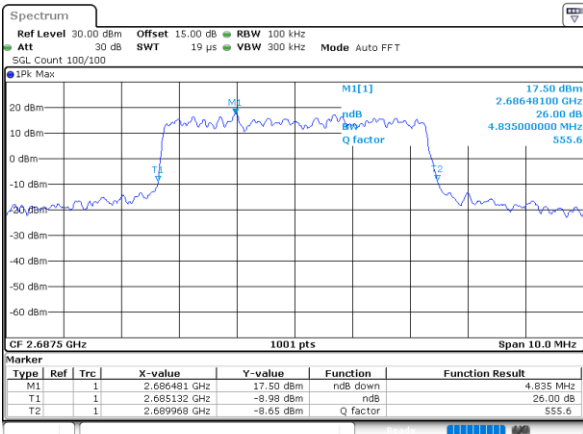
Date: 30,NOV,2022 18:34:06

Middle Channel / 5MHz / 16QAM



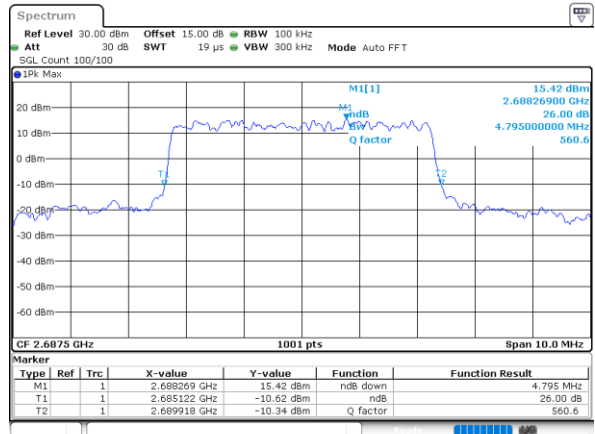
Date: 30,NOV,2022 18:35:00

Highest Channel / 5MHz / QPSK



Date: 30,NOV,2022 18:36:14

Highest Channel / 5MHz / 16QAM

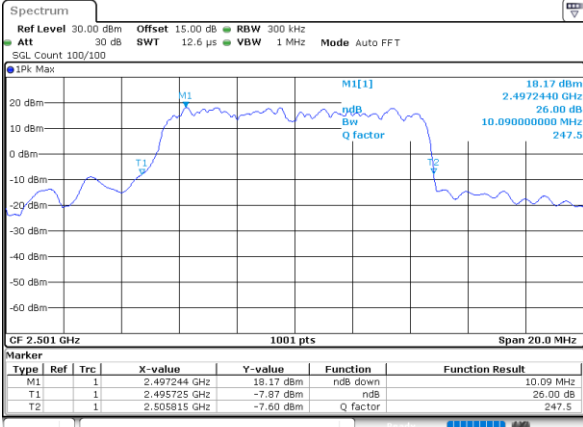


Date: 30,NOV,2022 18:36:39



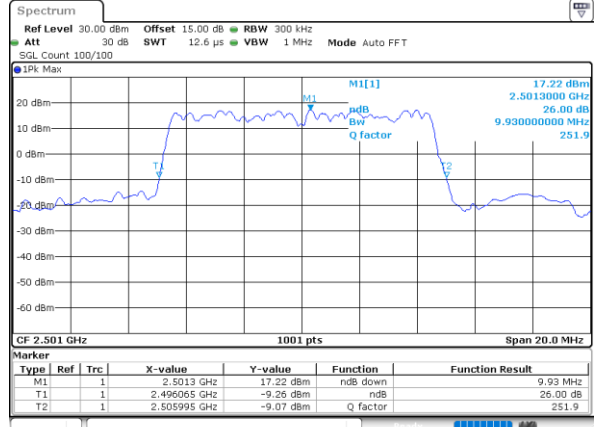
LTE Band 41

Lowest Channel / 10MHz / QPSK



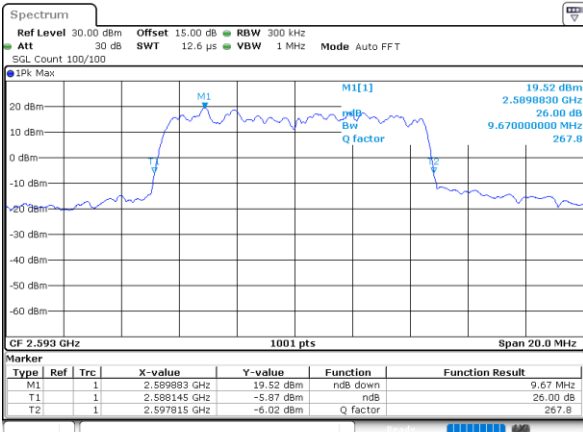
Date: 30,NOV,2022 18:37:54

Lowest Channel / 10MHz / 16QAM



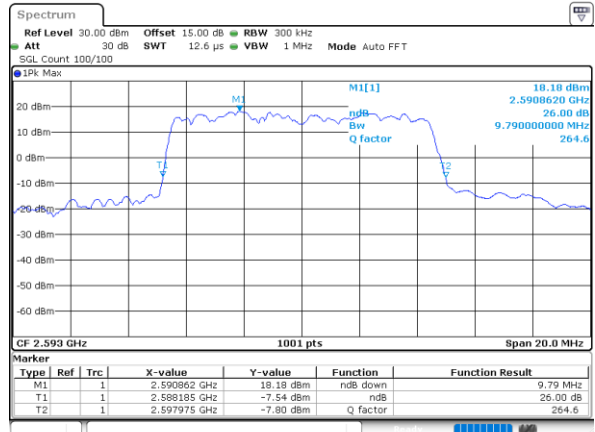
Date: 30,NOV,2022 18:38:19

Middle Channel / 10MHz / QPSK



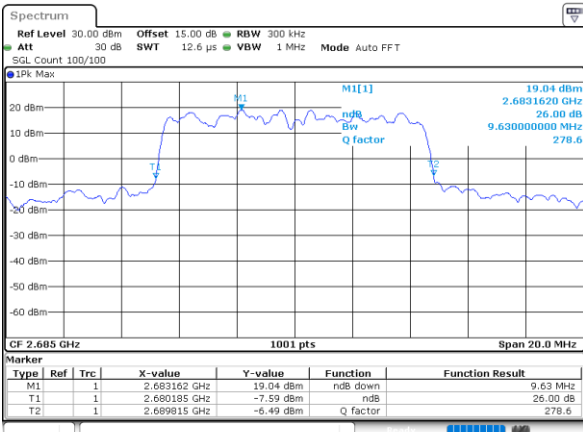
Date: 24,NOV,2022 19:22:47

Middle Channel / 10MHz / 16QAM



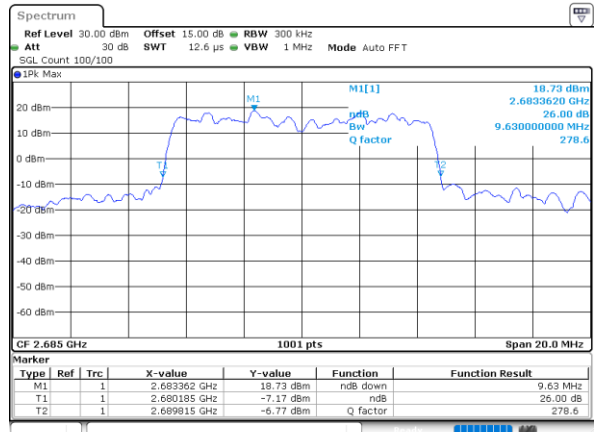
Date: 24,NOV,2022 19:23:12

Highest Channel / 10MHz / QPSK



Date: 24,NOV,2022 19:24:26

Highest Channel / 10MHz / 16QAM



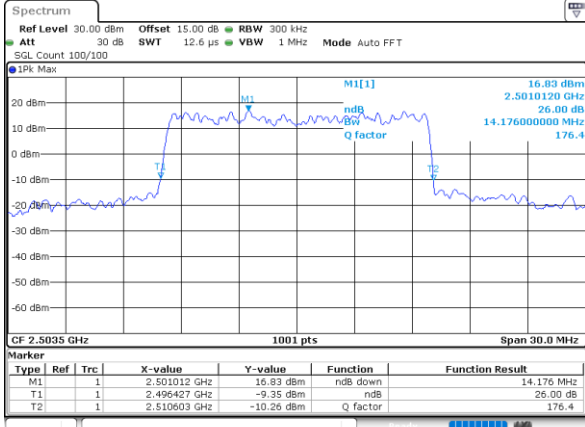
Date: 24,NOV,2022 19:24:51





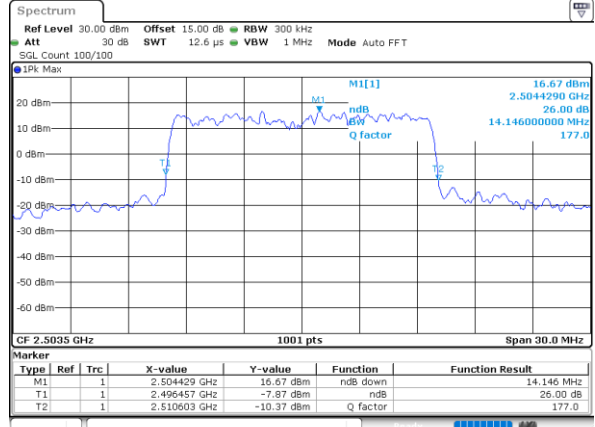
LTE Band 41

Lowest Channel / 15MHz / QPSK



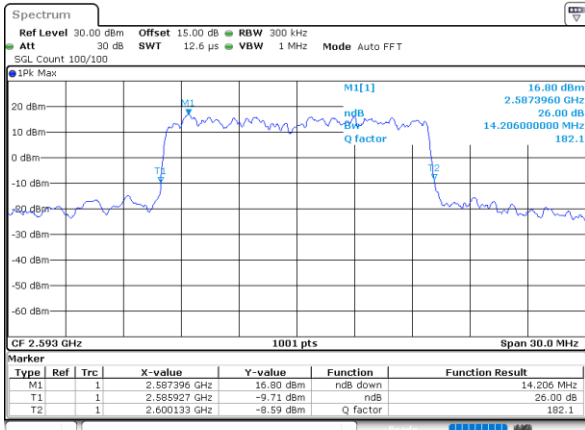
Date: 24.NOV.2022 19:26:07

Lowest Channel / 15MHz / 16QAM



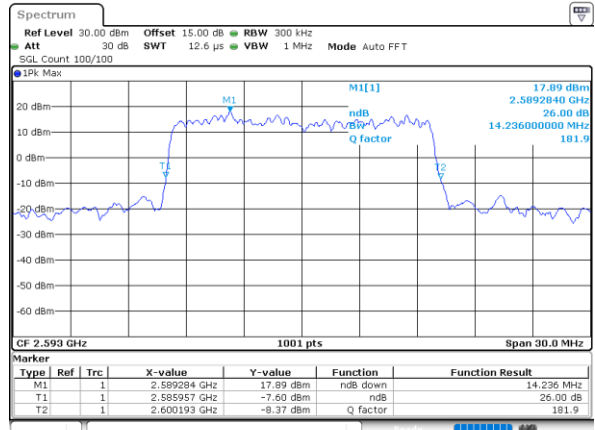
Date: 24.NOV.2022 19:26:132

Middle Channel / 15MHz / QPSK



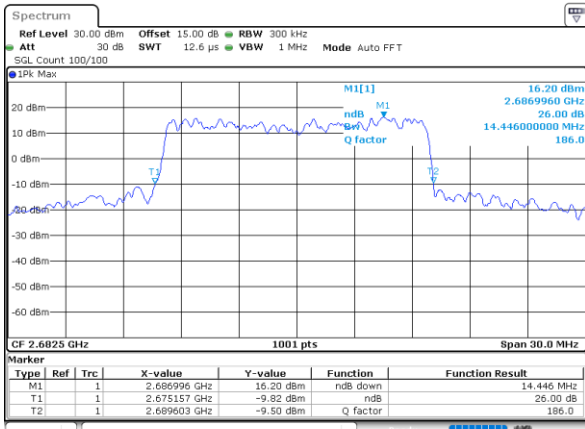
Date: 24.NOV.2022 19:27:45

Middle Channel / 15MHz / 16QAM



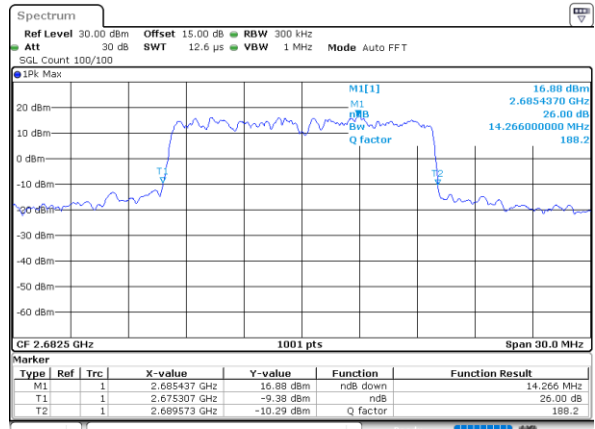
Date: 24.NOV.2022 19:28:109

Highest Channel / 15MHz / QPSK



Date: 24.NOV.2022 19:29:24

Highest Channel / 15MHz / 16QAM

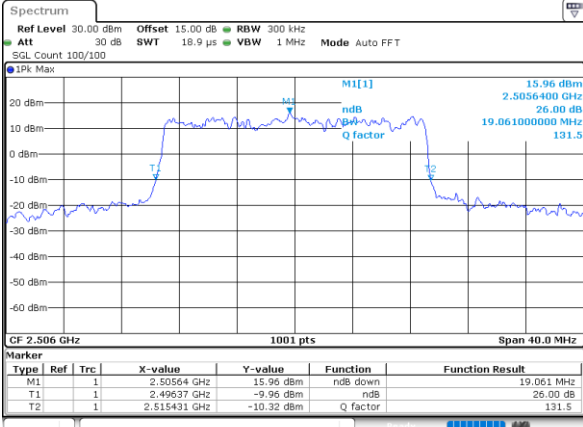


Date: 24.NOV.2022 19:29:148



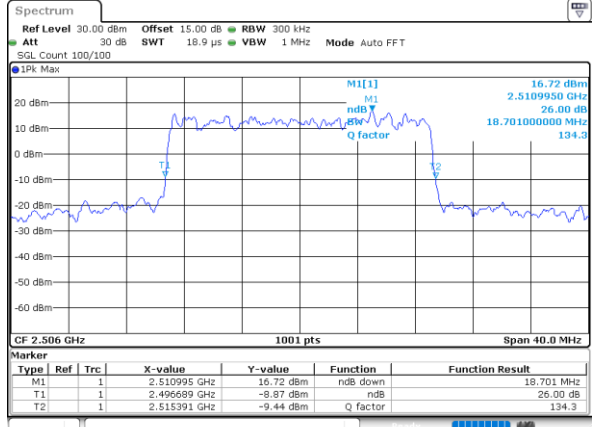
LTE Band 41

Lowest Channel / 20MHz / QPSK



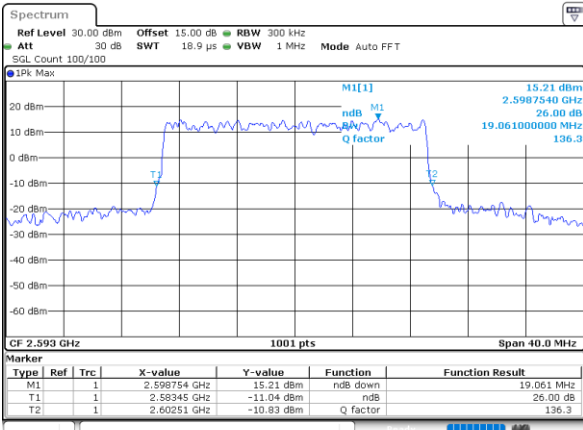
Date: 24.NOV.2022 19:31:04

Lowest Channel / 20MHz / 16QAM



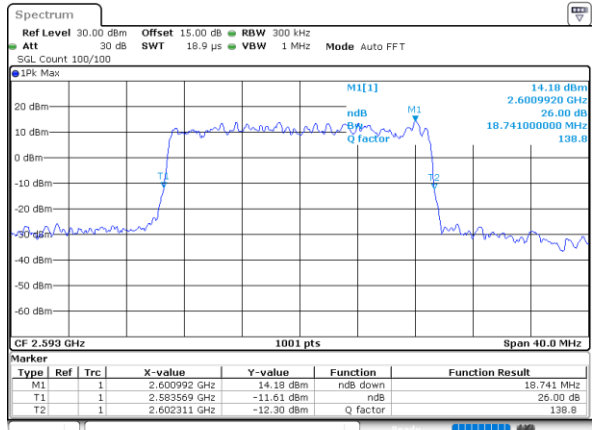
Date: 24.NOV.2022 19:31:29

Middle Channel / 20MHz / QPSK



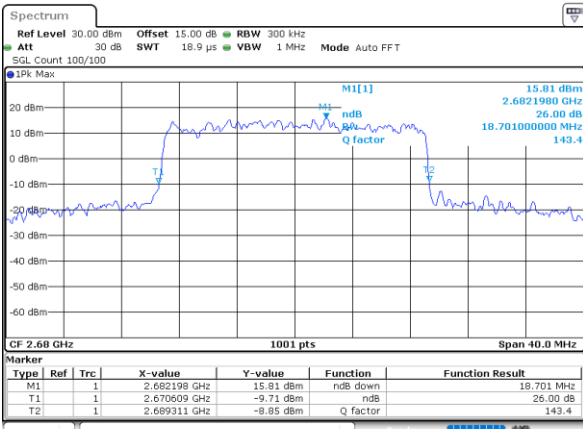
Date: 24.NOV.2022 19:32:42

Middle Channel / 20MHz / 16QAM



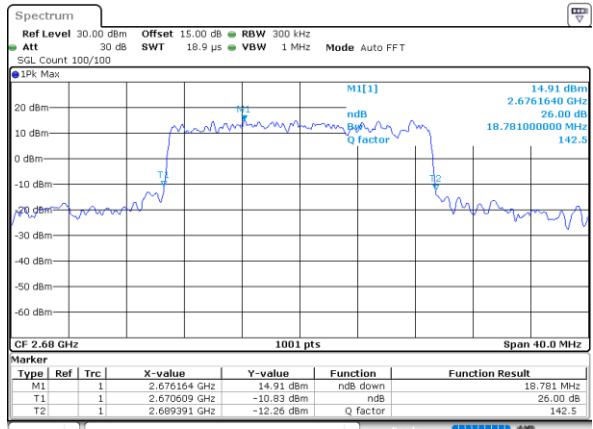
Date: 5.DEC.2022 14:41:19

Highest Channel / 20MHz / QPSK



Date: 24.NOV.2022 19:34:21

Highest Channel / 20MHz / 16QAM

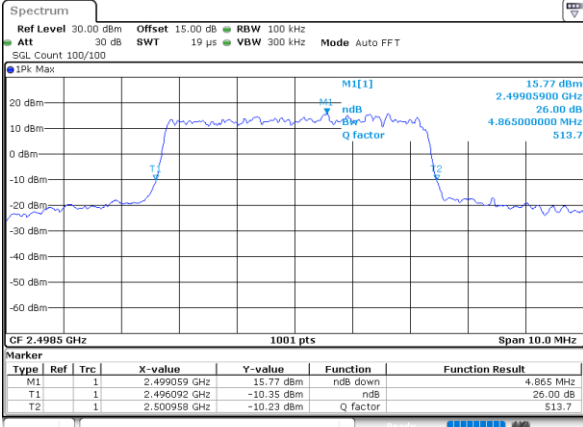


Date: 24.NOV.2022 19:34:45



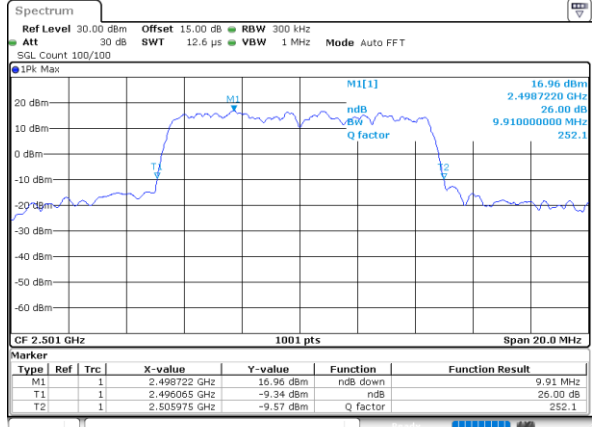
LTE Band 41

Lowest Channel / 5MHz / 64QAM



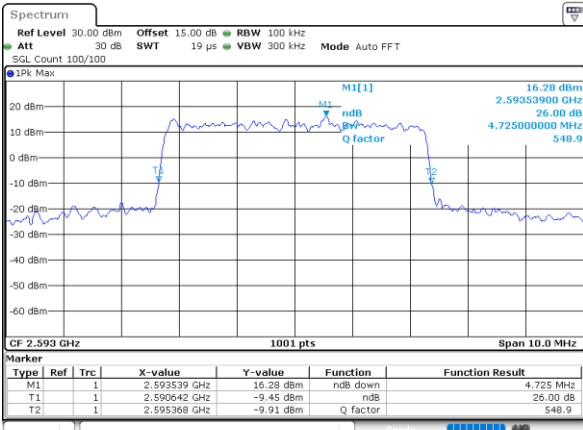
Date: 24.NOV.2022 19:35:27

Lowest Channel / 10MHz / 64QAM



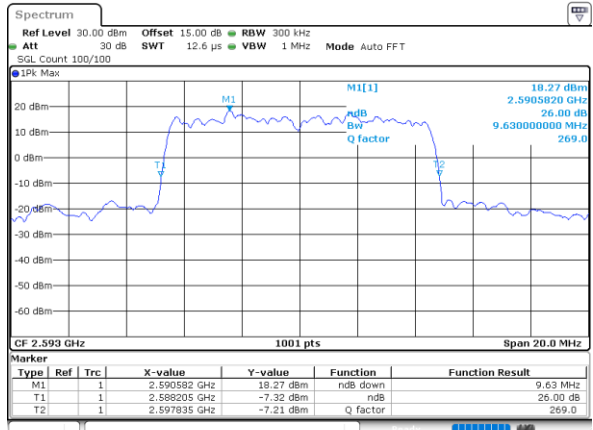
Date: 24.NOV.2022 19:37:28

Middle Channel / 5MHz / 64QAM



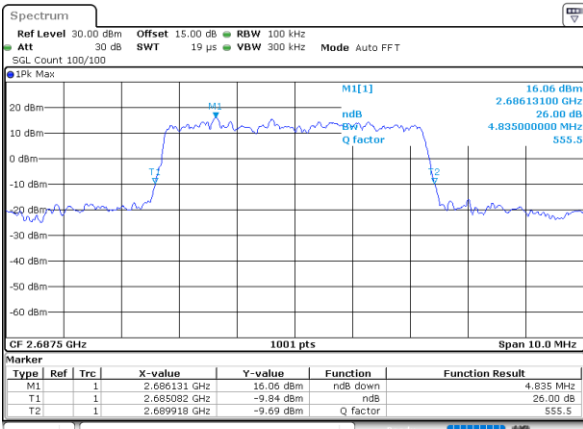
Date: 24.NOV.2022 19:36:07

Middle Channel / 10MHz / 64QAM



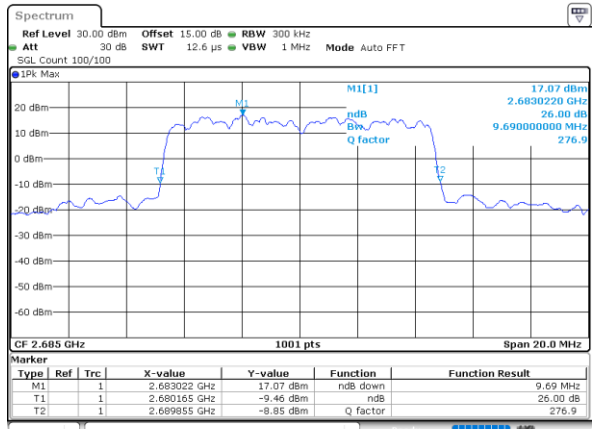
Date: 24.NOV.2022 19:38:08

Highest Channel / 5MHz / 64QAM



Date: 24.NOV.2022 19:36:47

Highest Channel / 10MHz / 64QAM



Date: 24.NOV.2022 19:38:47