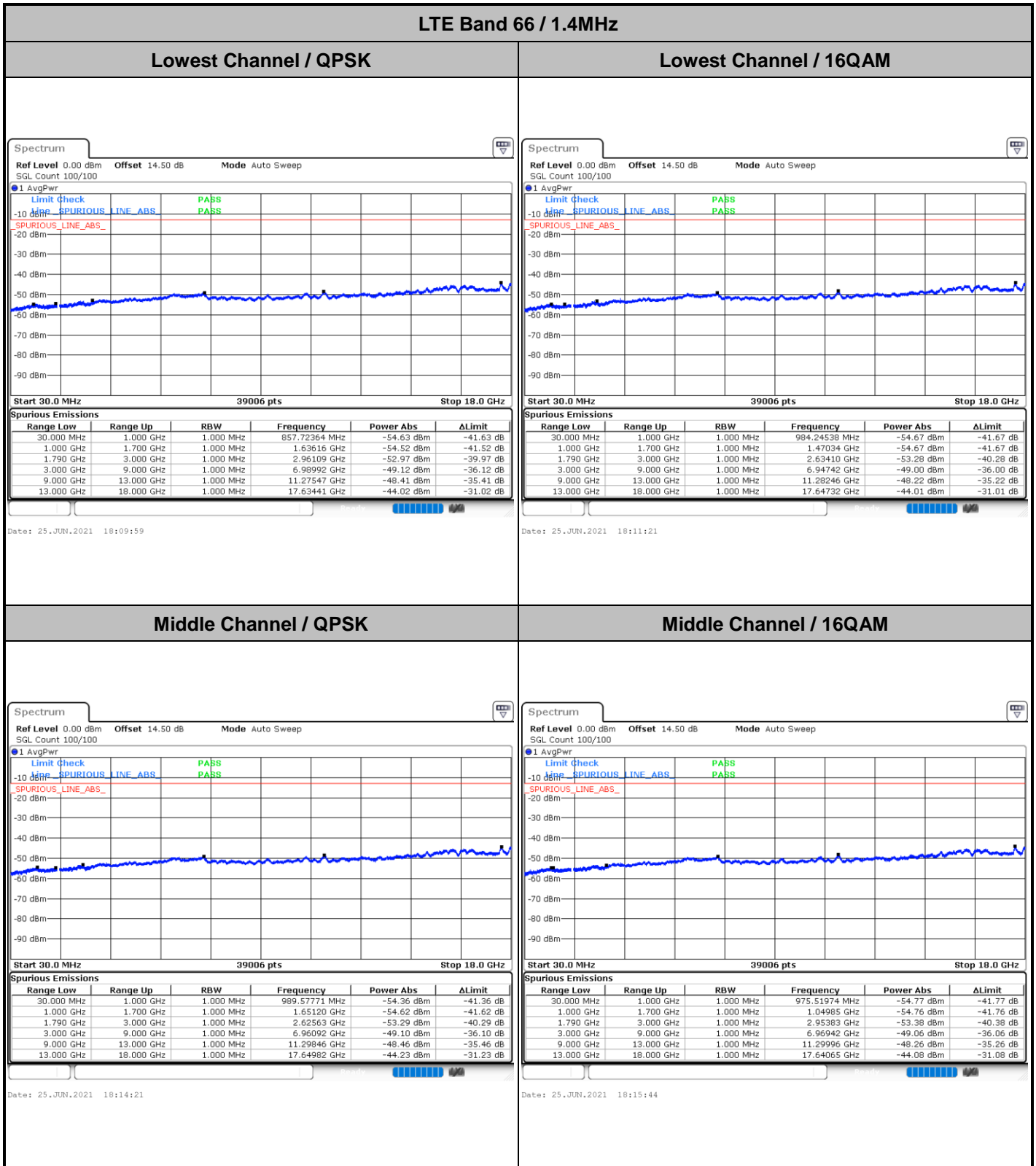




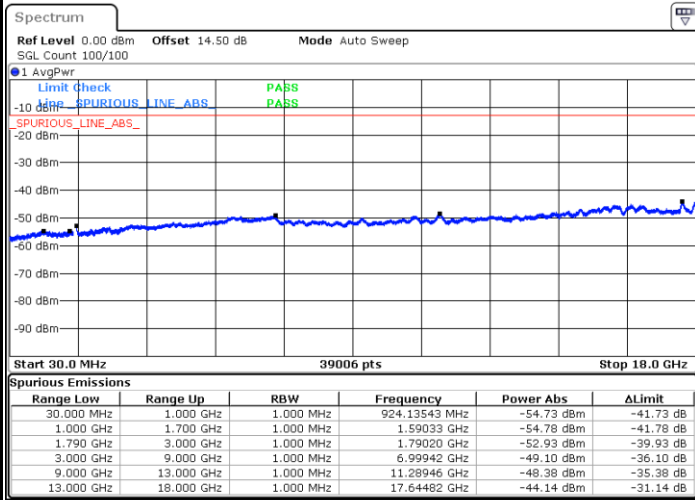
Conducted Spurious Emission





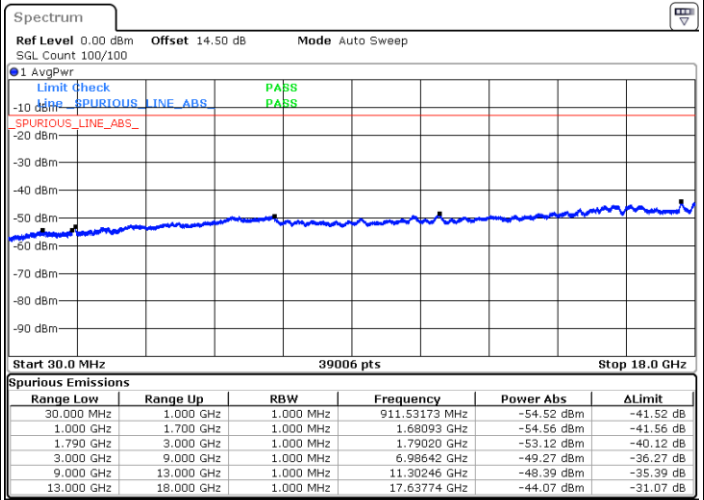
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 25 JUN.2021 18:26:55

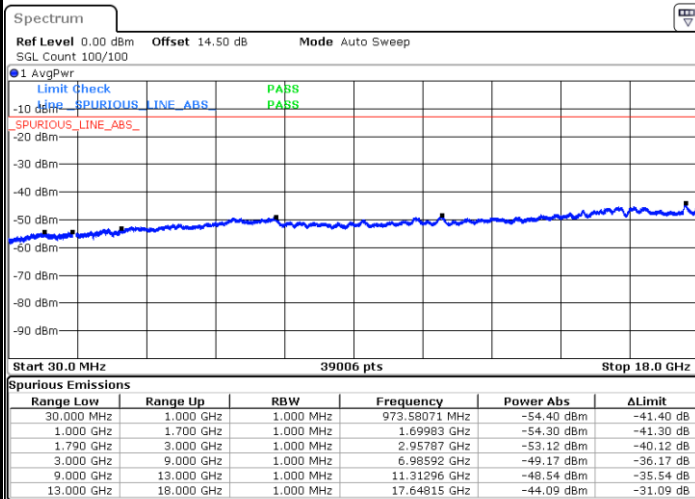
Highest Channel / 16QAM



Date: 25 JUN.2021 18:28:17

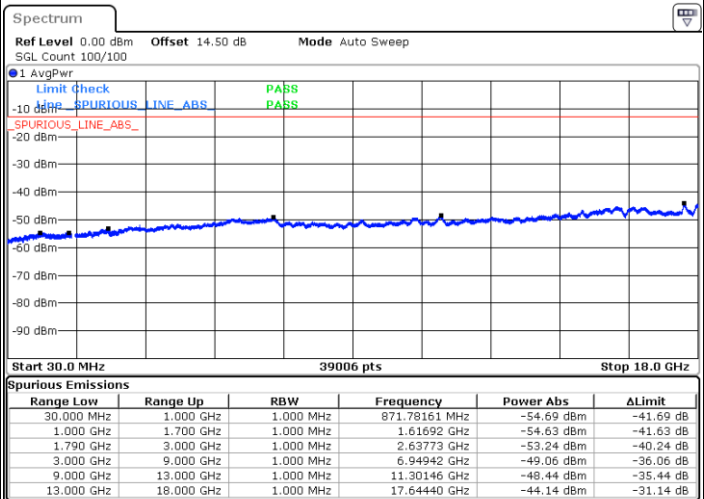
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 25 JUN.2021 18:53:46

Lowest Channel / 16QAM



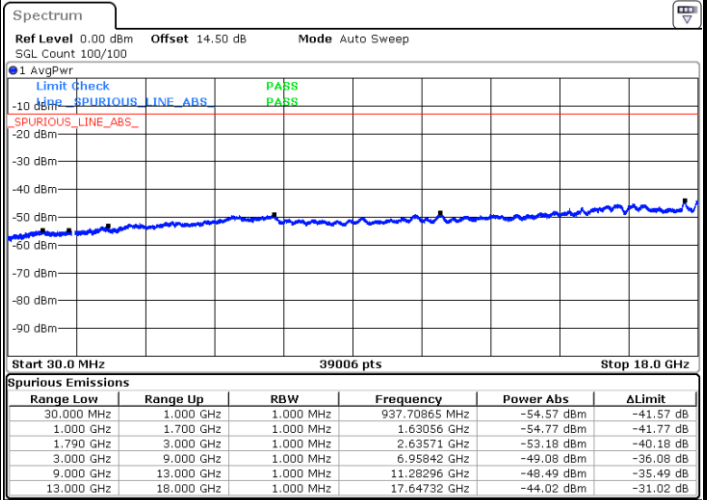
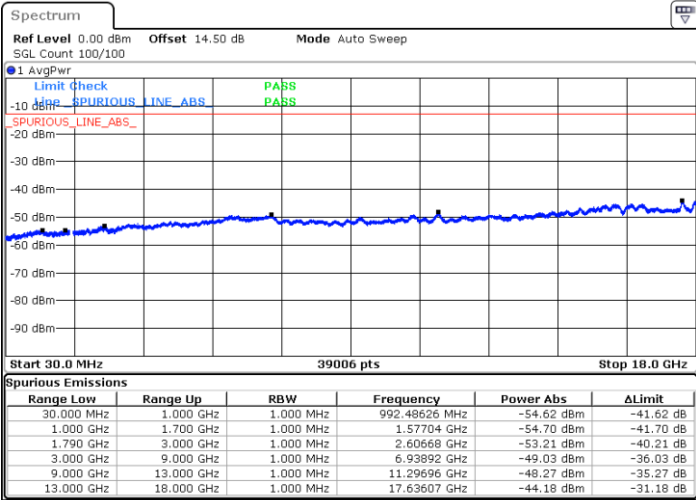
Date: 25 JUN.2021 18:55:09



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

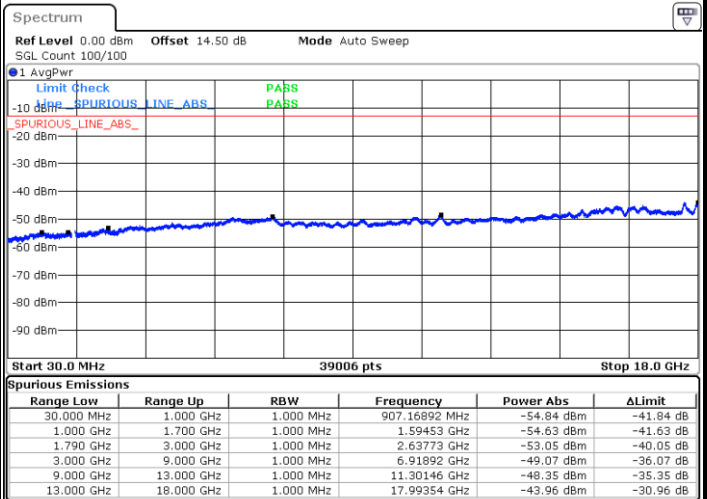
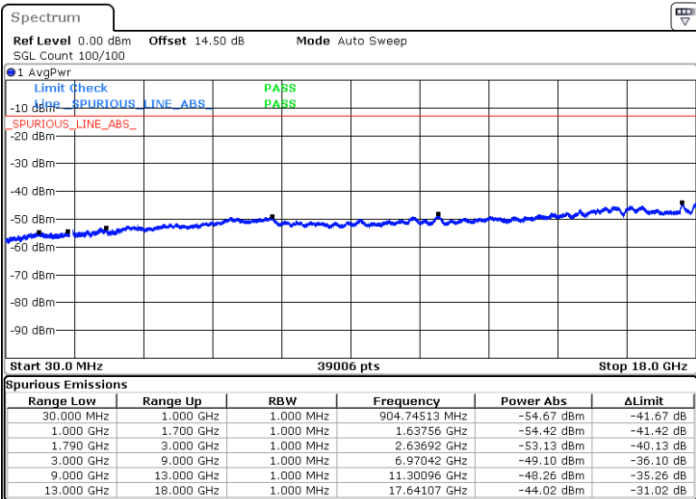


Date: 25 JUN 2021 18:58:09

Date: 25 JUN 2021 18:59:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25 JUN 2021 19:10:42

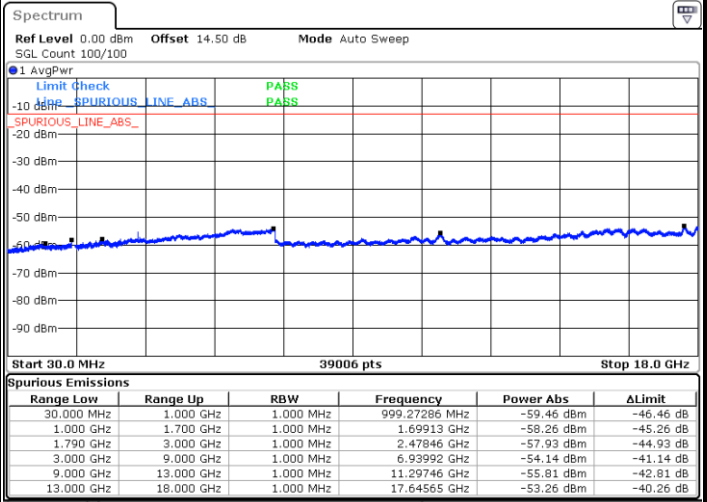
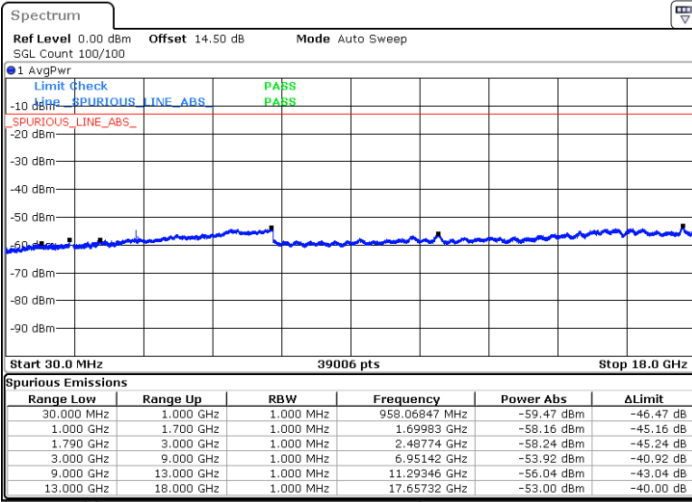
Date: 25 JUN 2021 19:12:04



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

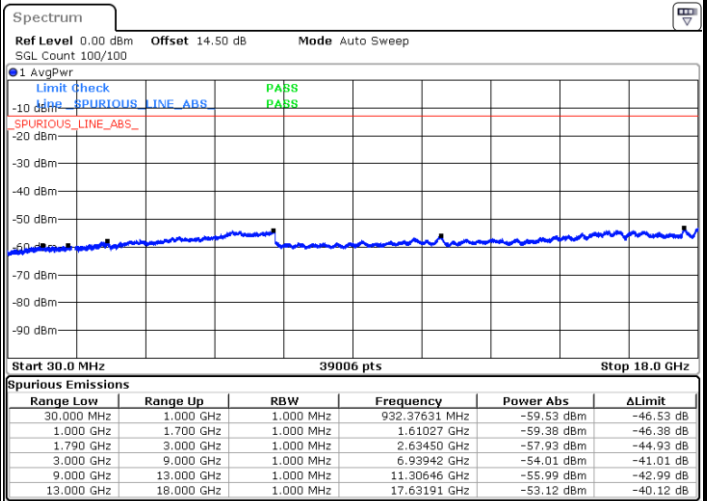
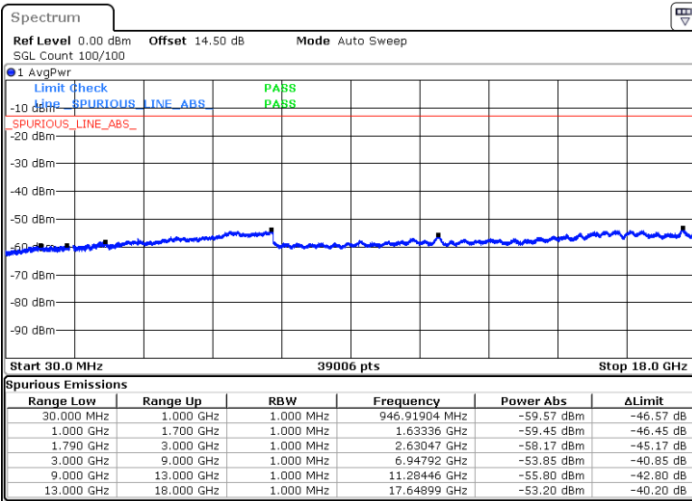


Date: 25 JUN.2021 19:51:52

Date: 25 JUN.2021 19:53:15

Middle Channel / QPSK

Middle Channel / 16QAM



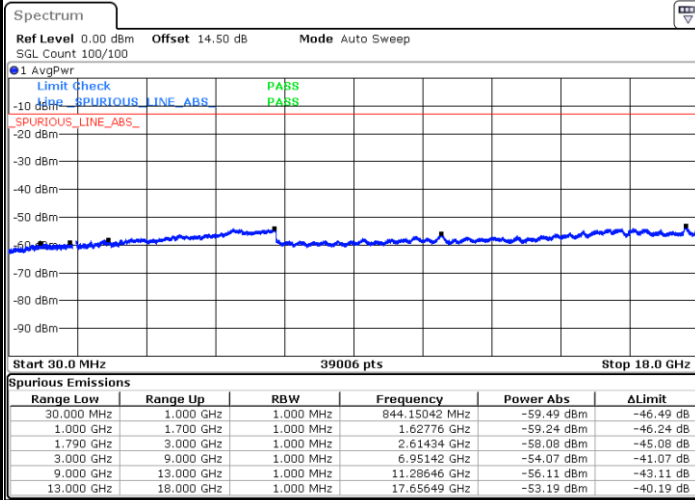
Date: 25 JUN.2021 19:56:14

Date: 25 JUN.2021 19:57:37



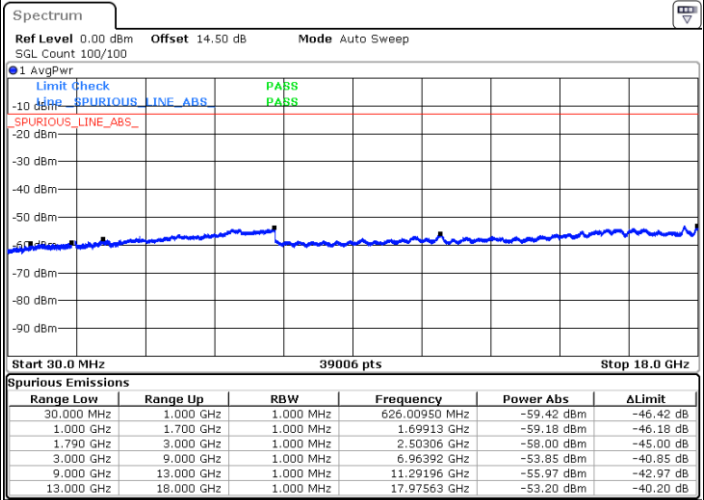
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 25 JUN.2021 20:08:46

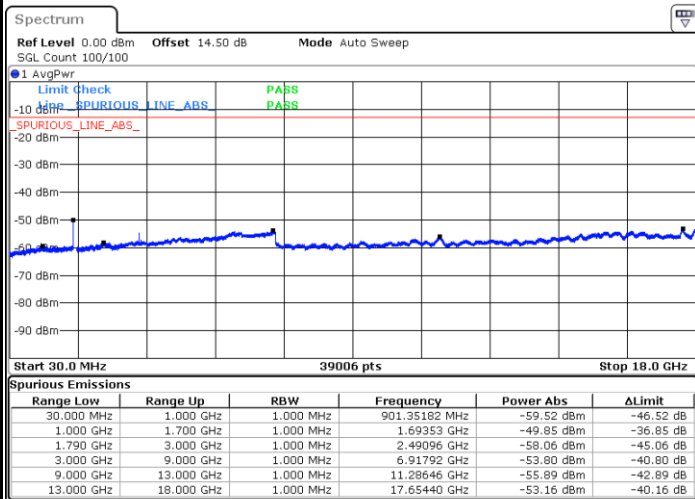
Highest Channel / 16QAM



Date: 25 JUN.2021 20:10:09

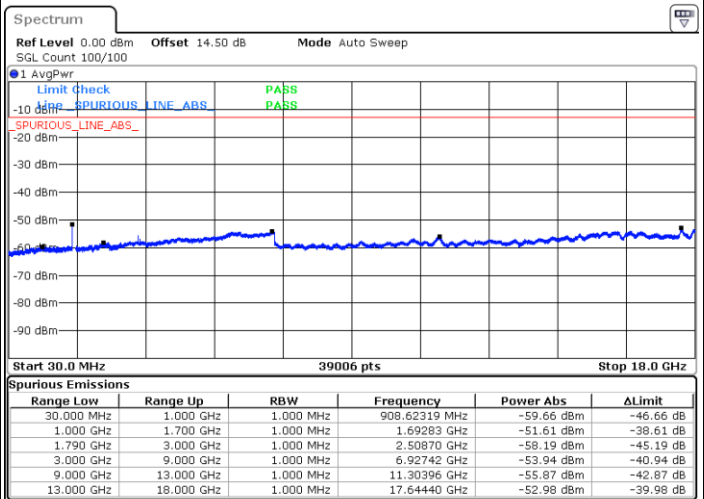
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 25 JUN.2021 20:21:20

Lowest Channel / 16QAM



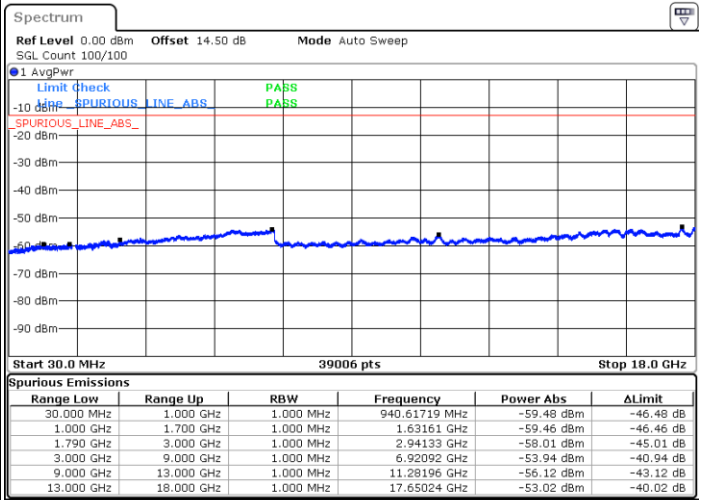
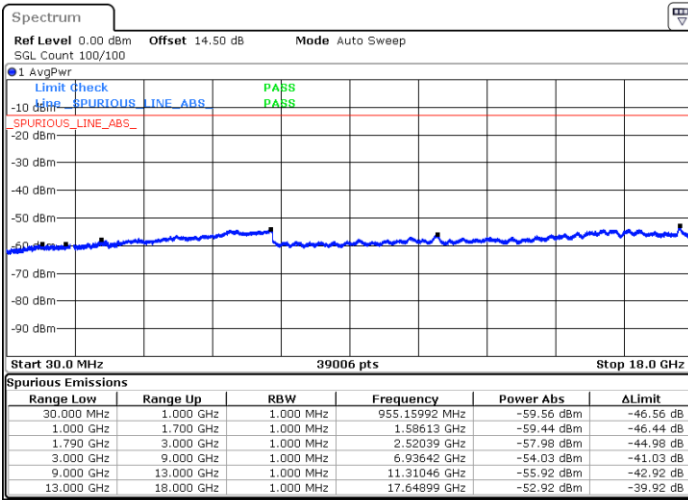
Date: 25 JUN.2021 20:22:42



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

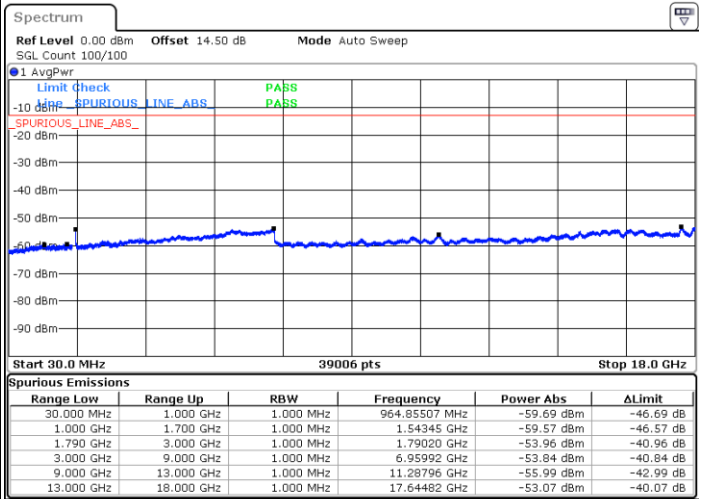
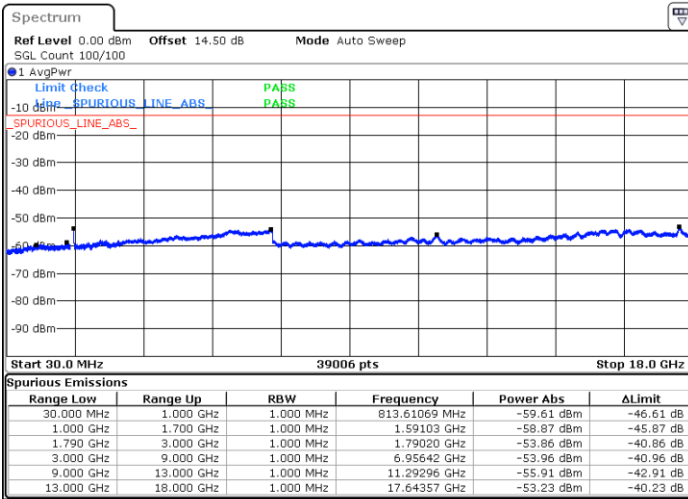


Date: 25 JUN 2021 20:25:42

Date: 25 JUN 2021 20:27:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25 JUN 2021 20:38:15

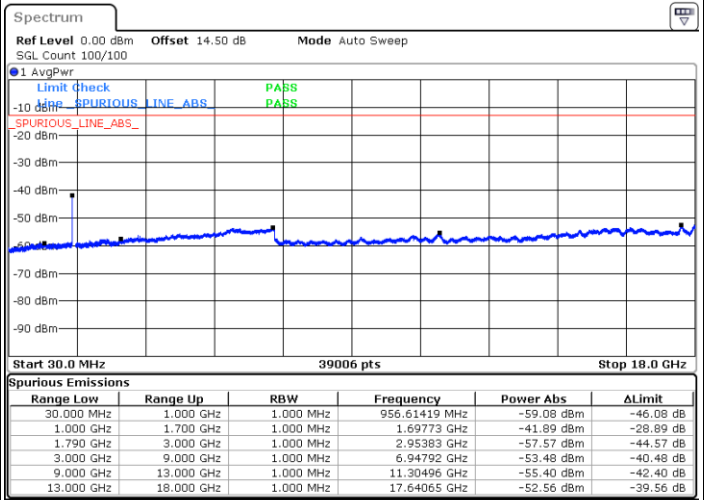
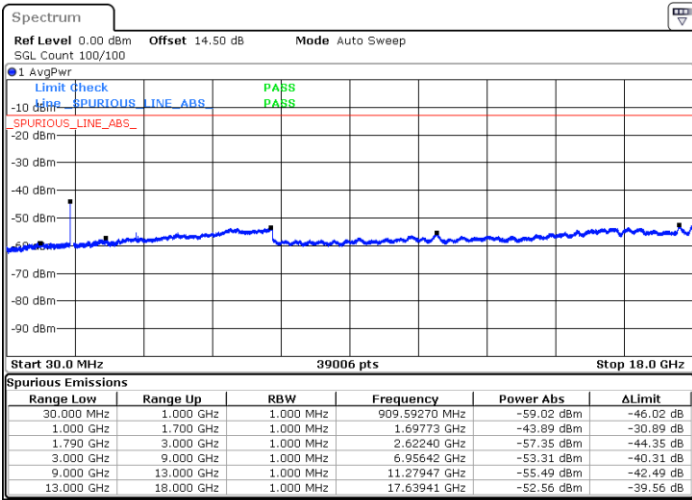
Date: 25 JUN 2021 20:39:37



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

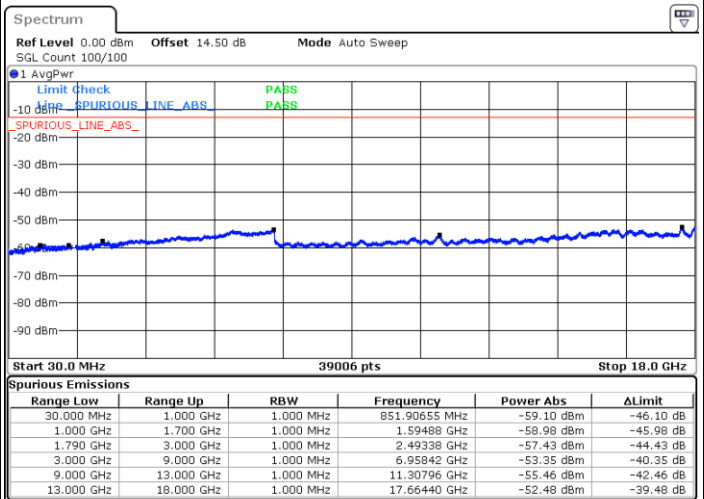
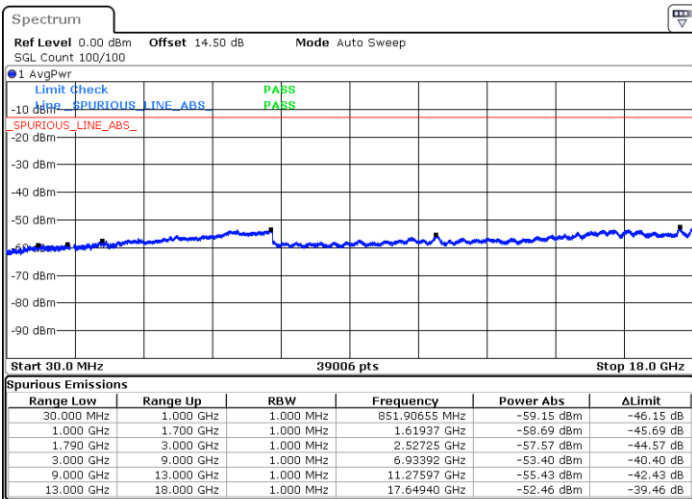


Date: 30 JUN 2021 21:42:55

Date: 30 JUN 2021 21:44:08

Middle Channel / QPSK

Middle Channel / 16QAM



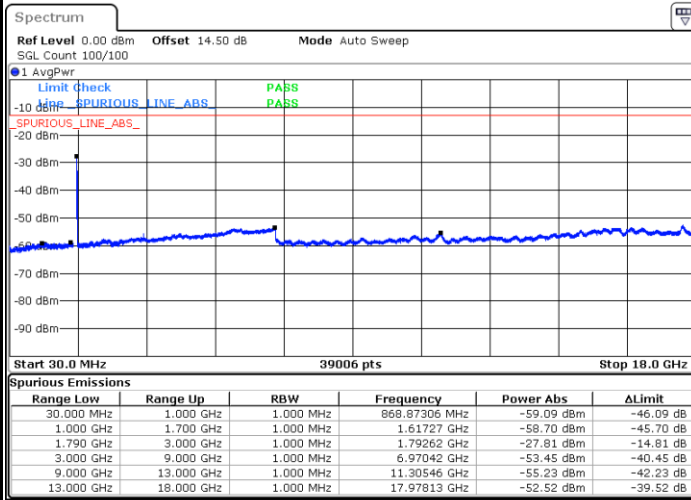
Date: 30 JUN 2021 21:46:59

Date: 30 JUN 2021 21:48:11



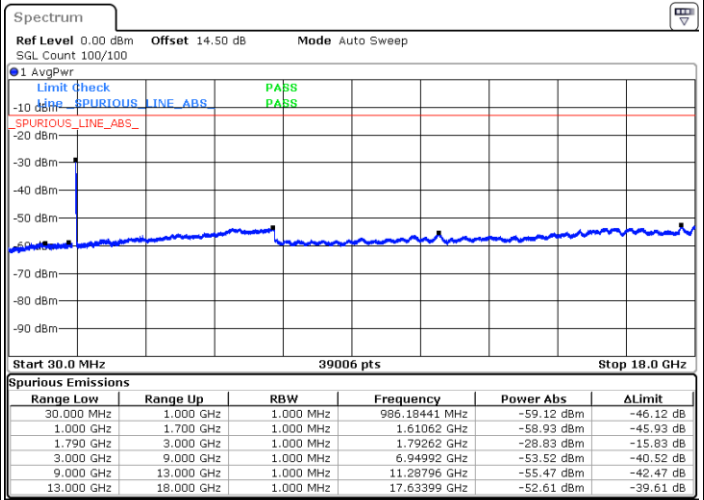
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 30 JUN.2021 21:59:11

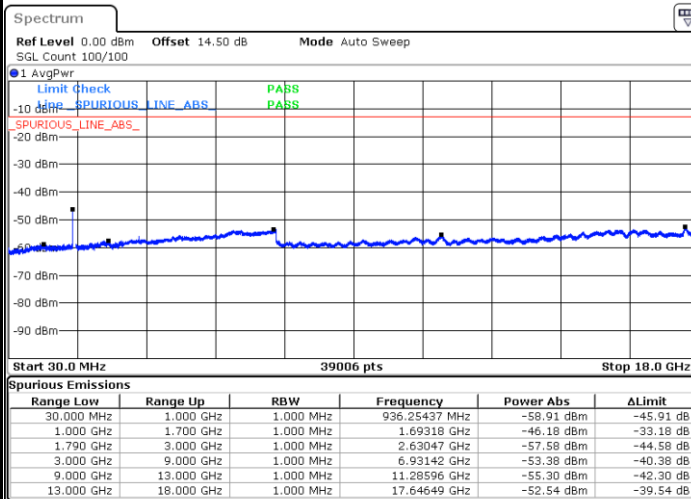
Highest Channel / 16QAM



Date: 30 JUN.2021 22:00:24

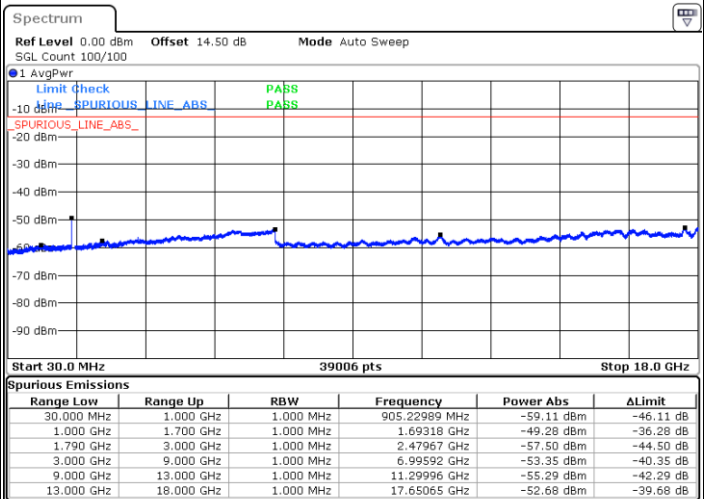
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 30 JUN.2021 22:11:25

Lowest Channel / 16QAM



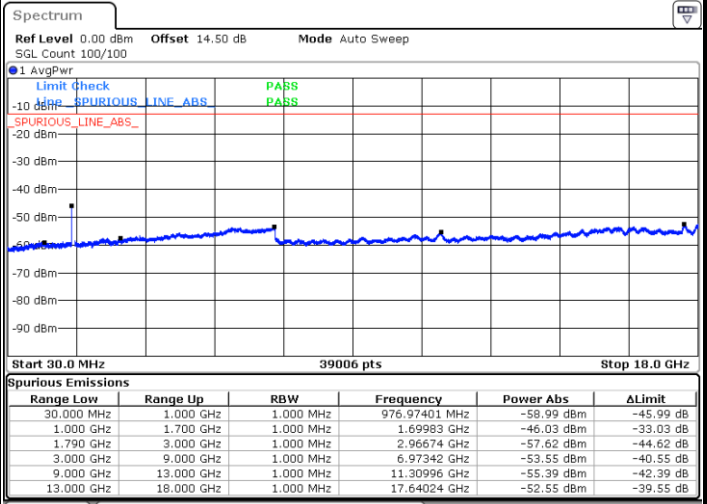
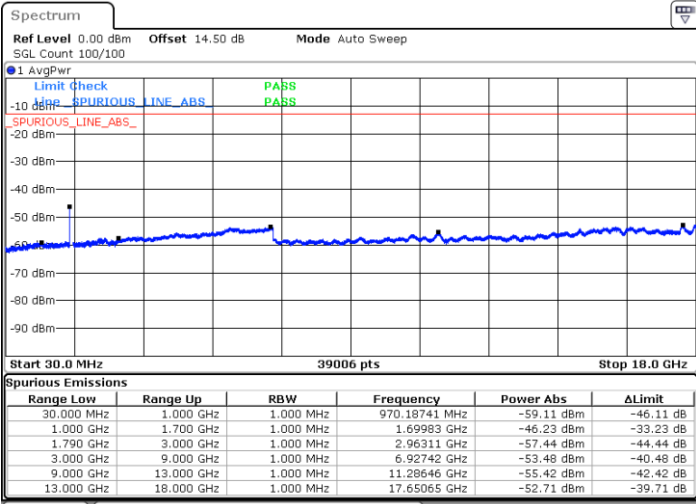
Date: 30 JUN.2021 22:12:38



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

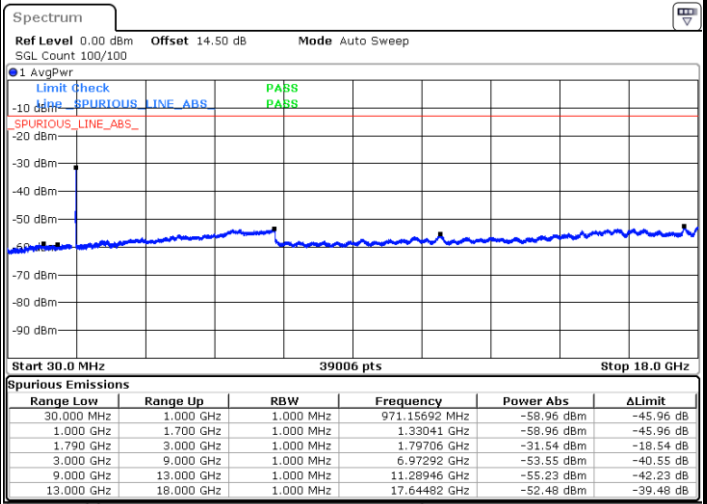
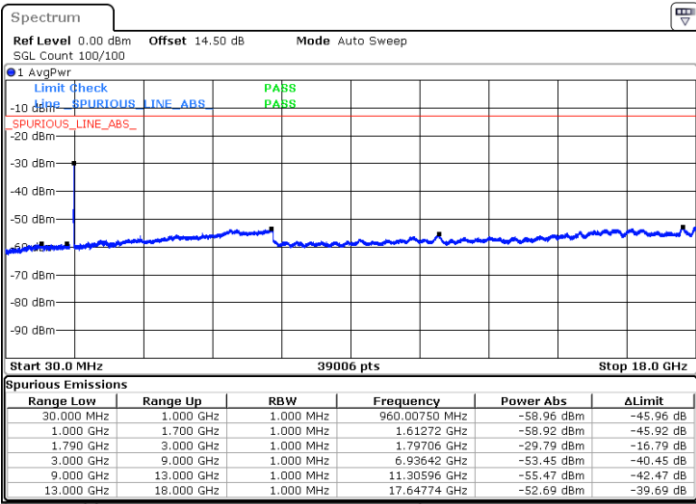


Date: 30 JUN 2021 22:15:28

Date: 30 JUN 2021 22:16:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30 JUN 2021 22:27:41

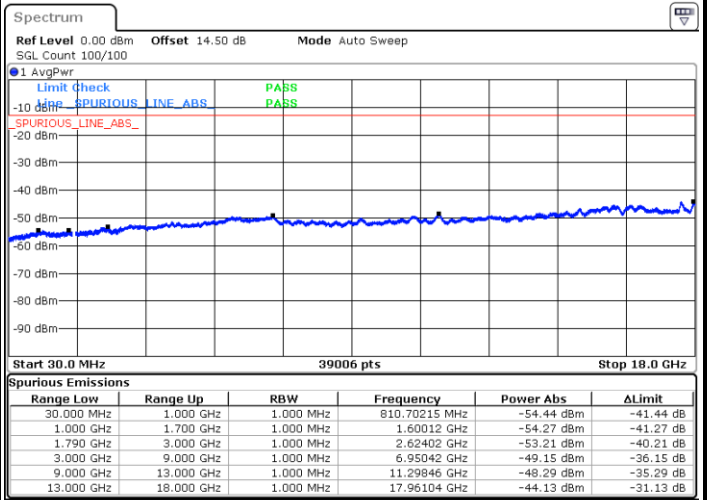
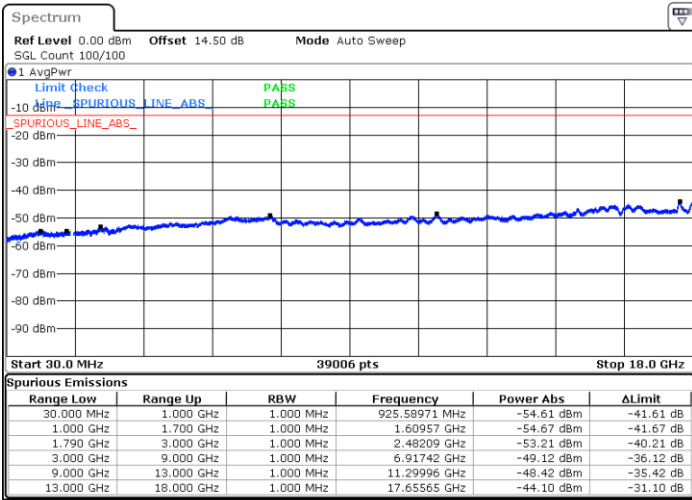
Date: 30 JUN 2021 22:28:54



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

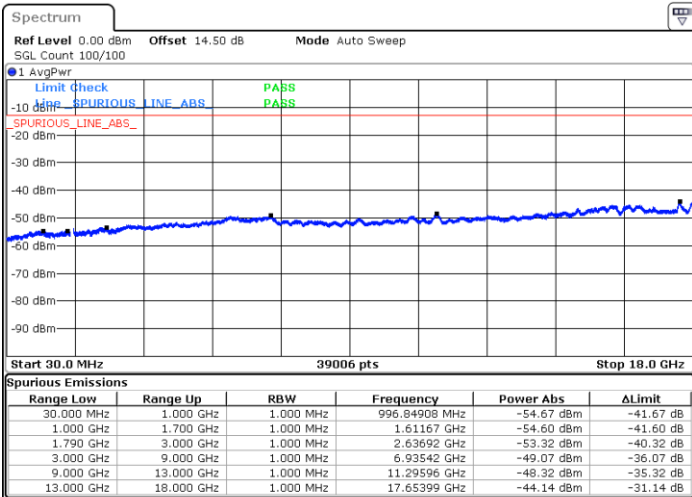
Middle Channel / 64QAM



Date: 25 JUN 2021 18:34:25

Date: 25 JUN 2021 18:36:28

Highest Channel / 64QAM



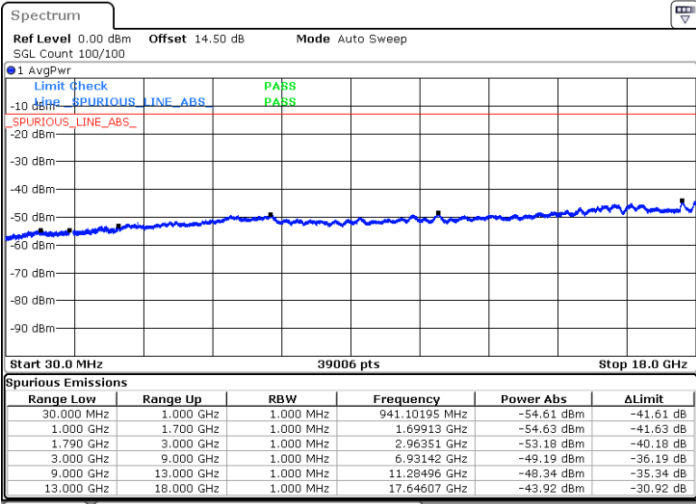
Date: 25 JUN 2021 18:42:36



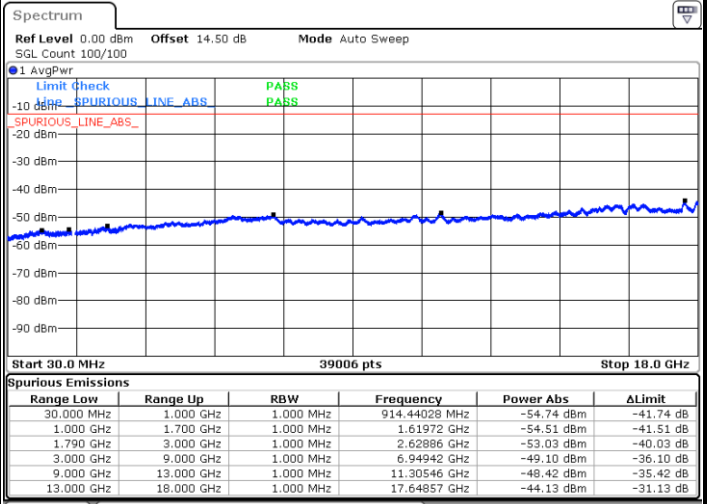
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

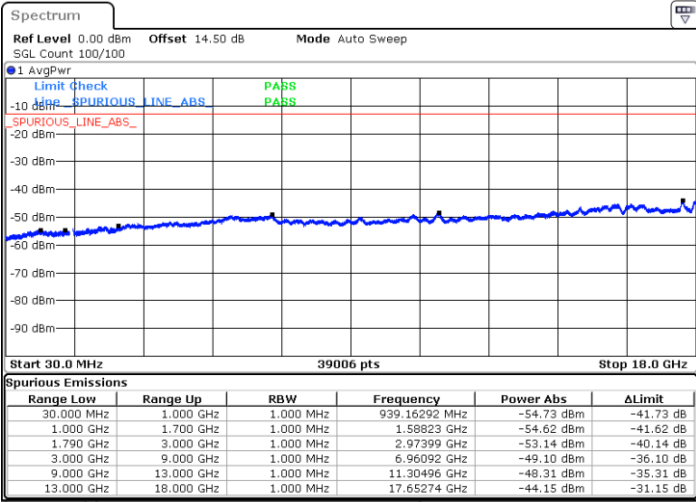


Date: 25 JUN.2021 19:18:12



Date: 25 JUN.2021 19:20:15

Highest Channel / 64QAM

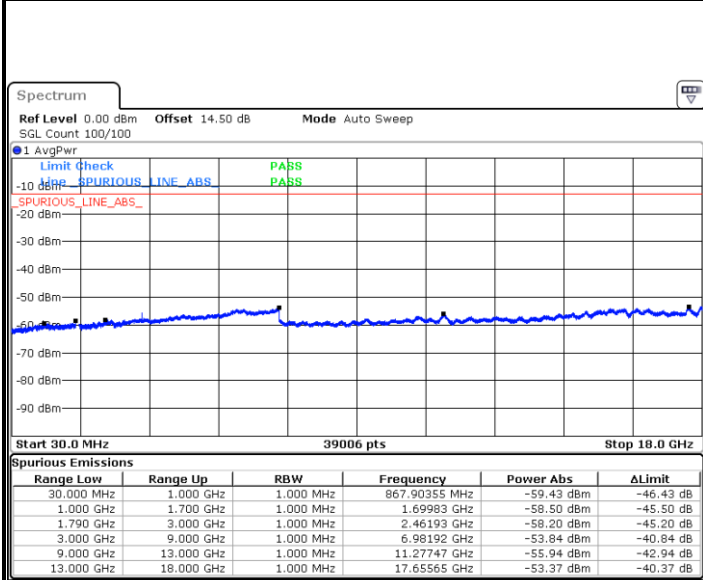


Date: 25 JUN.2021 19:26:23



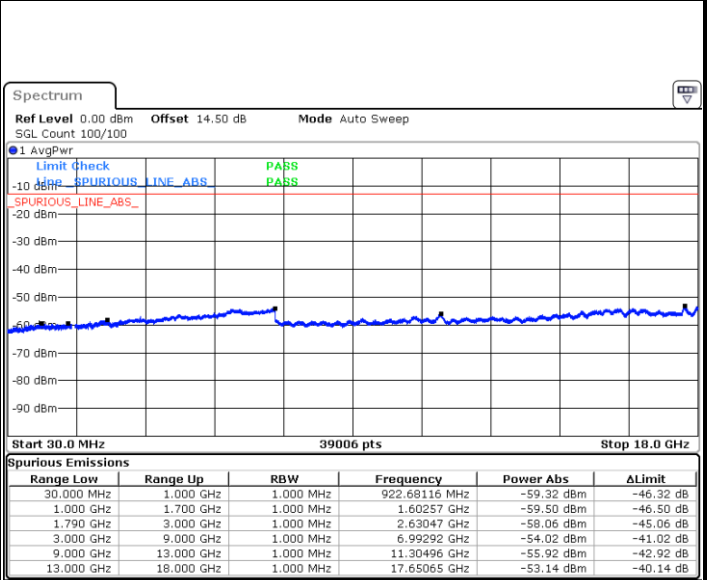
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



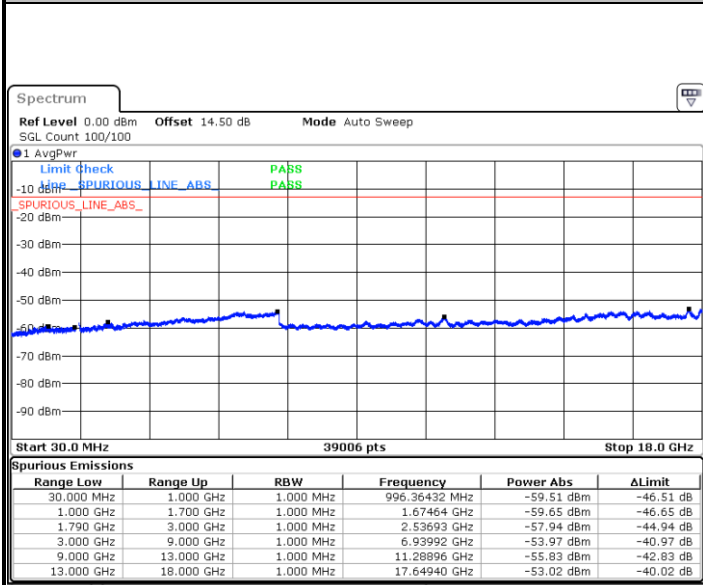
Date: 25 JUN.2021 19:32:31

Middle Channel / 64QAM



Date: 25 JUN.2021 19:34:34

Highest Channel / 64QAM



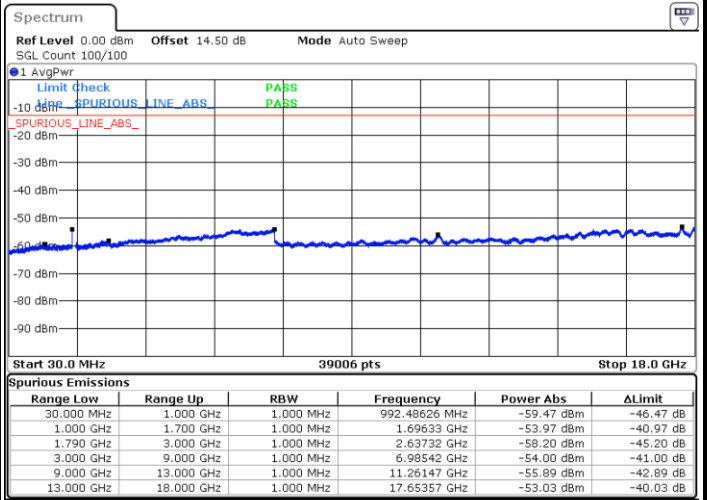
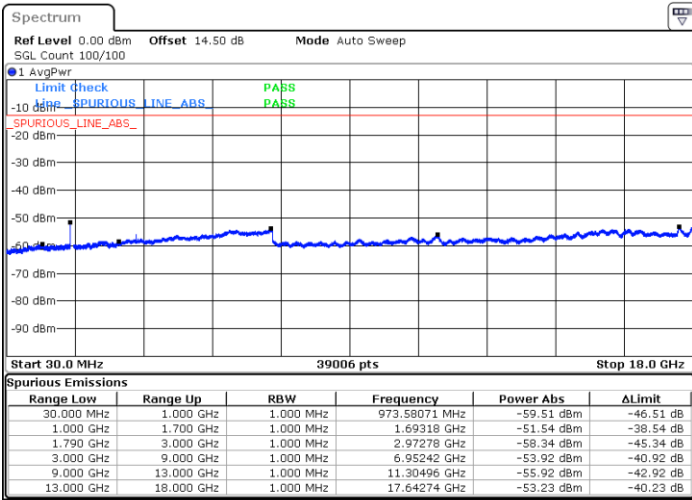
Date: 25 JUN.2021 19:40:42



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

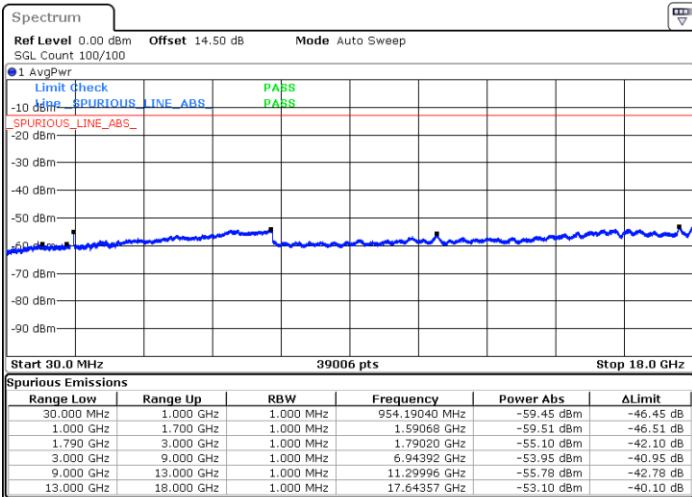
Middle Channel / 64QAM



Date: 25 JUN 2021 20:45:45

Date: 25 JUN 2021 20:47:48

Highest Channel / 64QAM



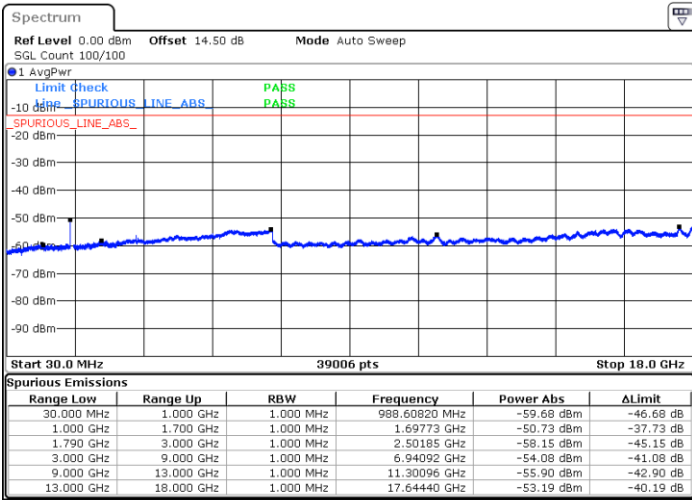
Date: 25 JUN 2021 20:53:56



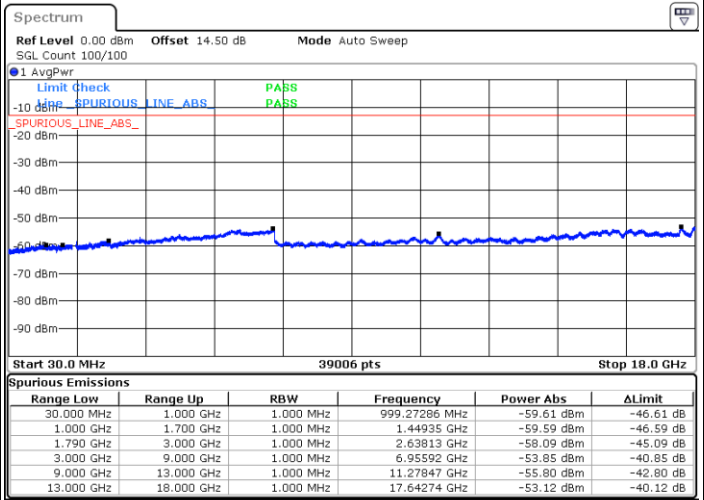
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

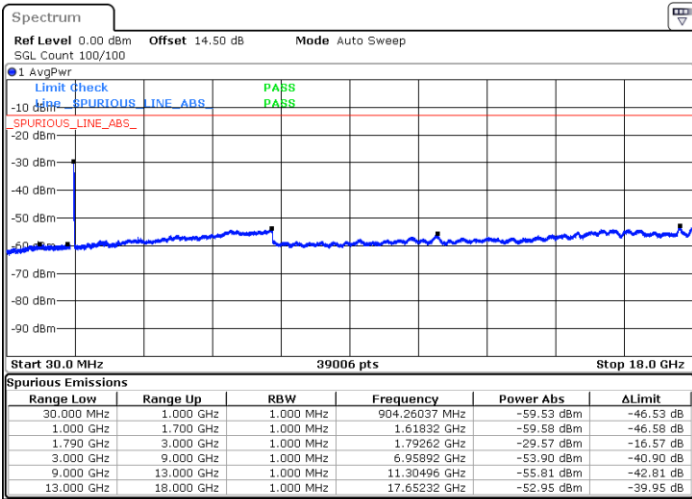


Date: 25 JUN 2021 21:00:05



Date: 25 JUN 2021 21:02:07

Highest Channel / 64QAM

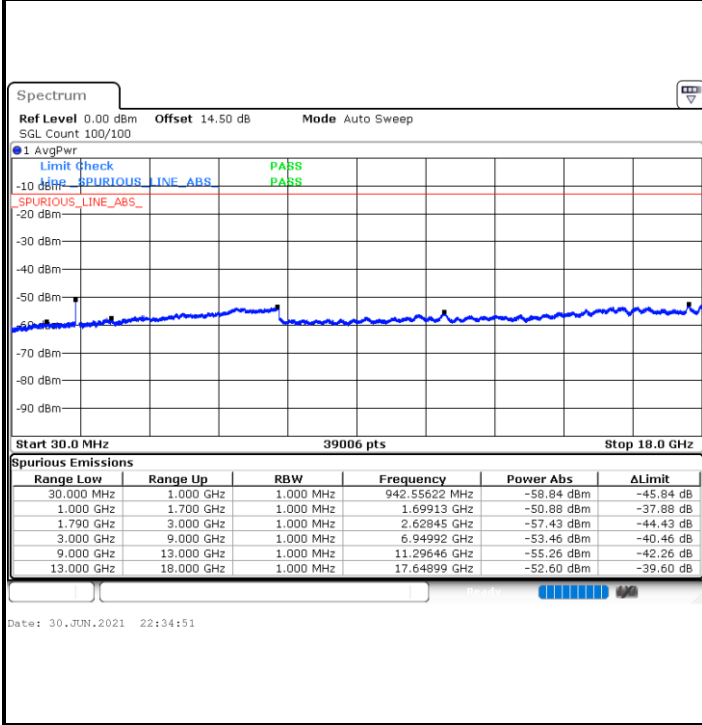


Date: 25 JUN 2021 21:08:16

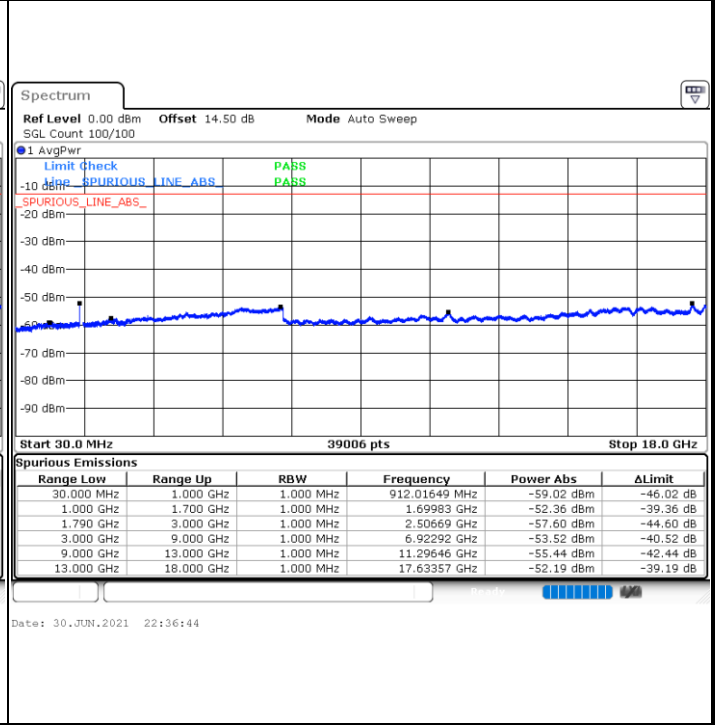


LTE Band 66 / 20MHz

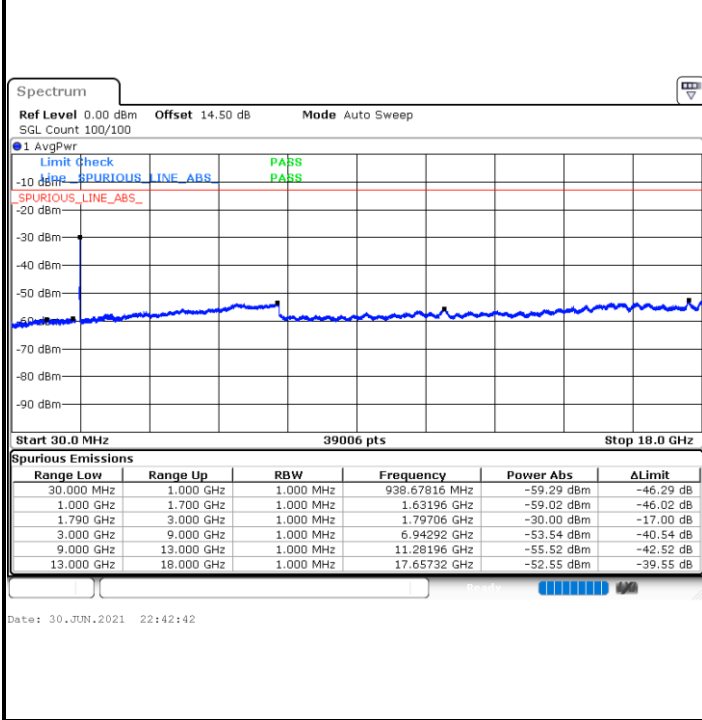
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0091	
-10	Normal Voltage	0.0081	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.8 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 71

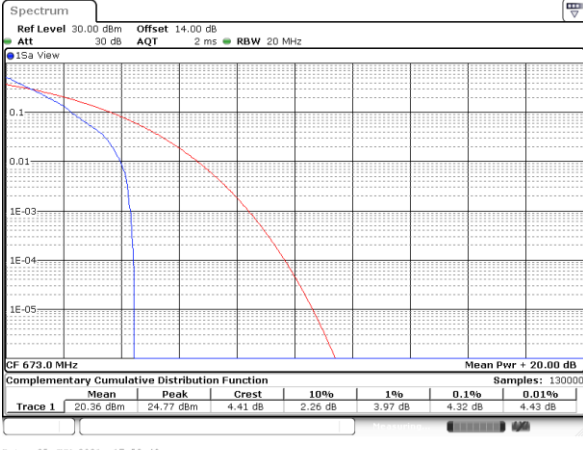
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.32	5.25	5.19	6.06	PASS
Middle CH	5.04	5.16	5.74	6.17	
Highest CH	5.22	5.30	6.26	6.23	
Mode	LTE Band 71 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.03	6.32	-	-	PASS
Middle CH	6.64	6.35	-	-	
Highest CH	6.35	6.41	-	-	



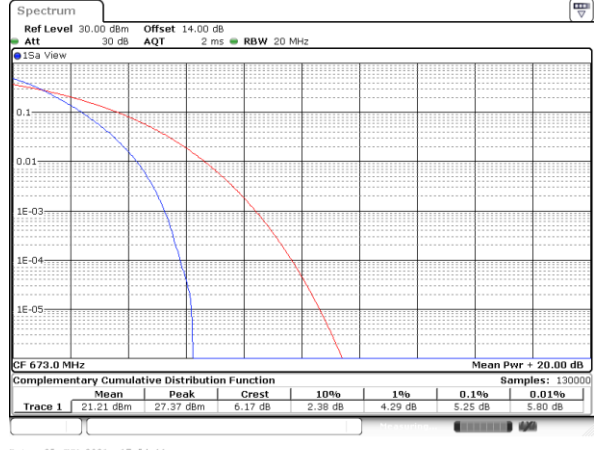
LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



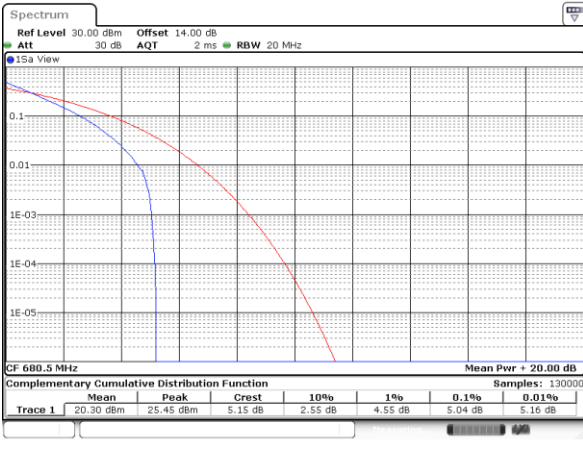
Date: 25 JUN 2021 17:53:43

Lowest Channel / Full RB



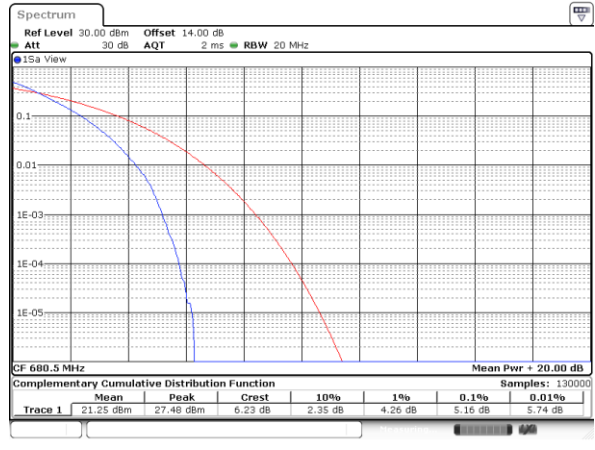
Date: 25 JUN 2021 17:54:11

Middle Channel / 1RB



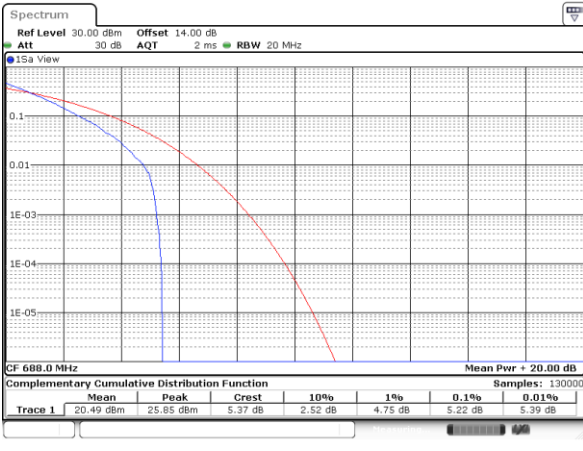
Date: 25 JUN 2021 17:54:38

Middle Channel / Full RB



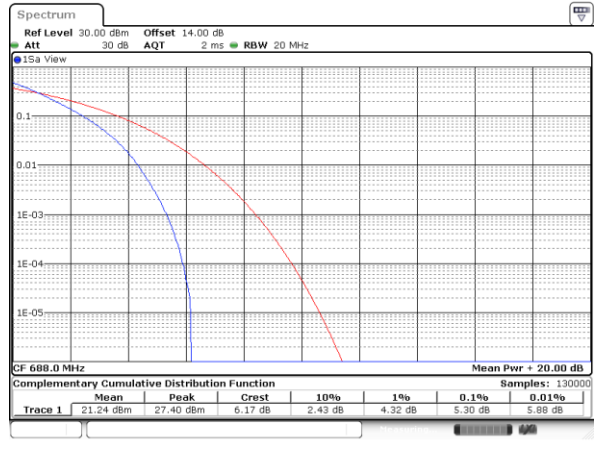
Date: 25 JUN 2021 17:55:06

Highest Channel / 1RB



Date: 25 JUN 2021 17:55:33

Highest Channel / Full RB

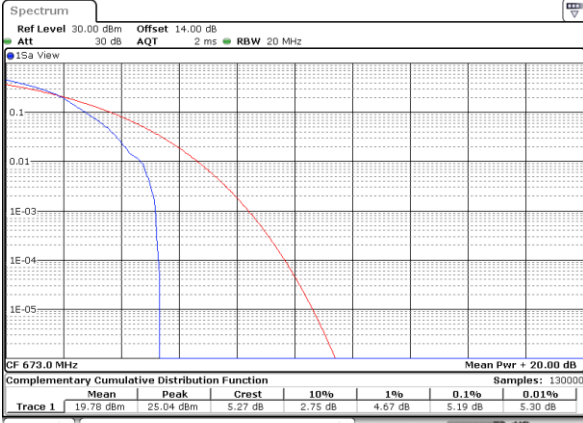


Date: 25 JUN 2021 17:55:00



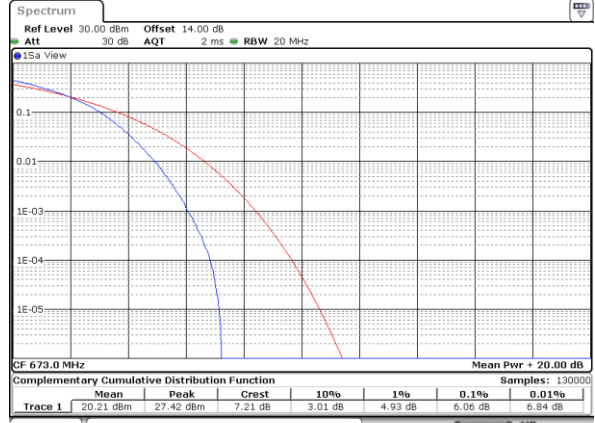
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



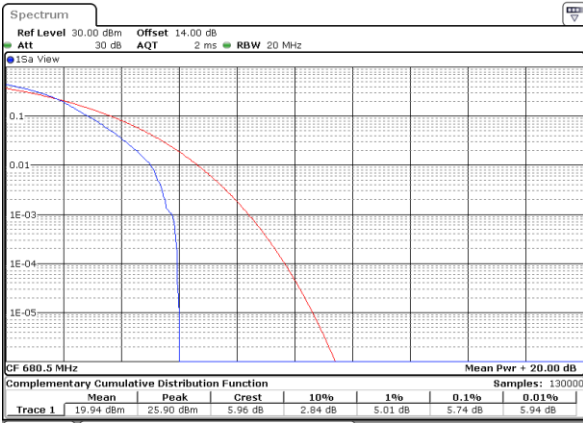
Date: 25 JUN 2021 17:51:00

Lowest Channel / Full RB



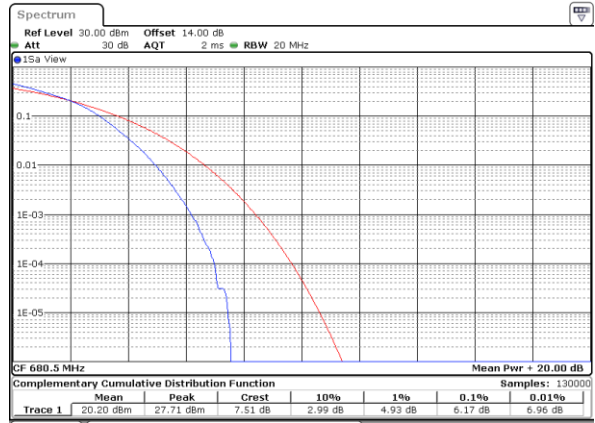
Date: 25 JUN 2021 17:51:27

Middle Channel / 1RB



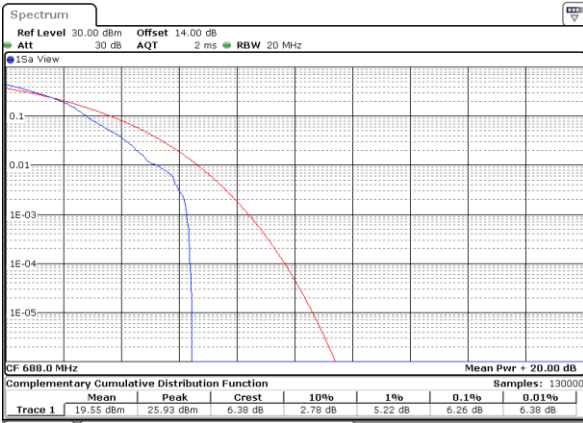
Date: 25 JUN 2021 17:51:54

Middle Channel / Full RB



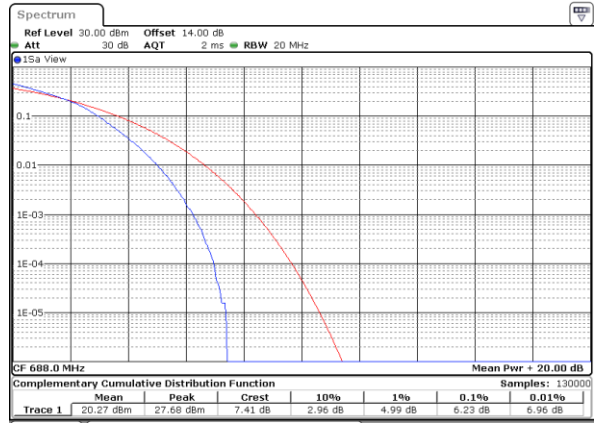
Date: 25 JUN 2021 17:52:11

Highest Channel / 1RB



Date: 25 JUN 2021 17:52:48

Highest Channel / Full RB

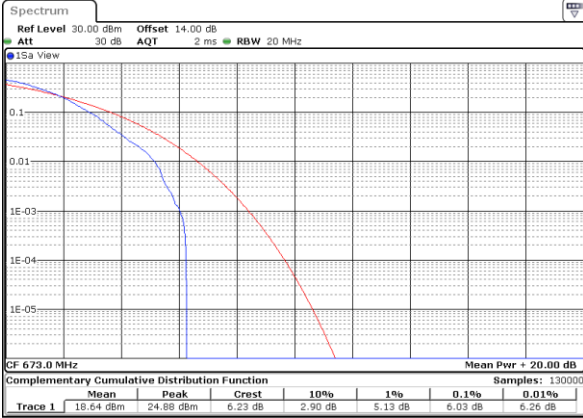


Date: 25 JUN 2021 17:53:15



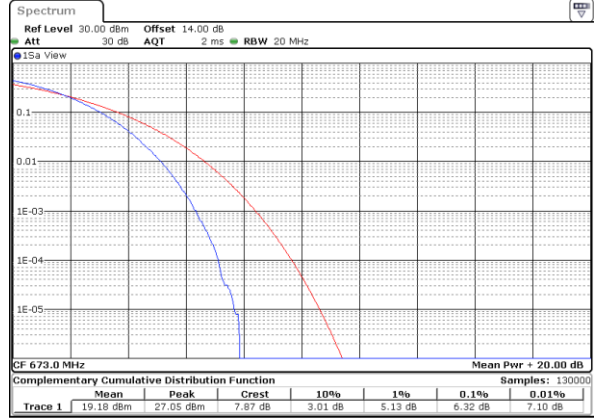
LTE Band 71 / 20MHz / 64QAM

Lowest Channel / 1RB



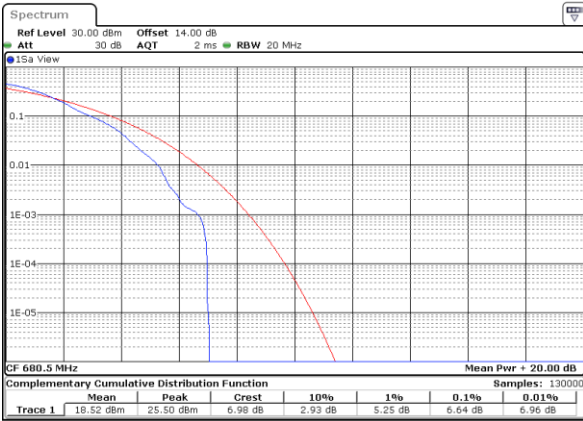
Date: 25 JUN 2021 17:56:28

Lowest Channel / Full RB



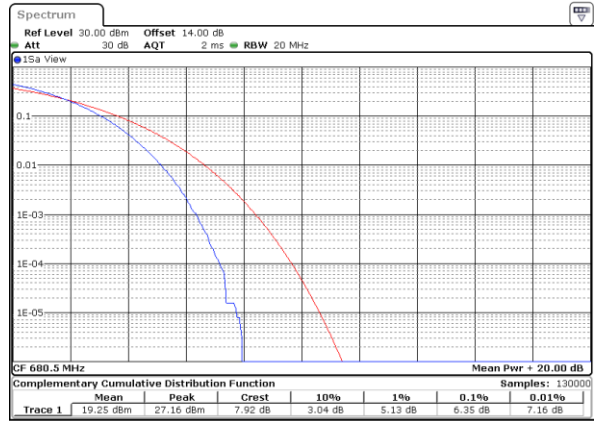
Date: 25 JUN 2021 17:56:55

Middle Channel / 1RB



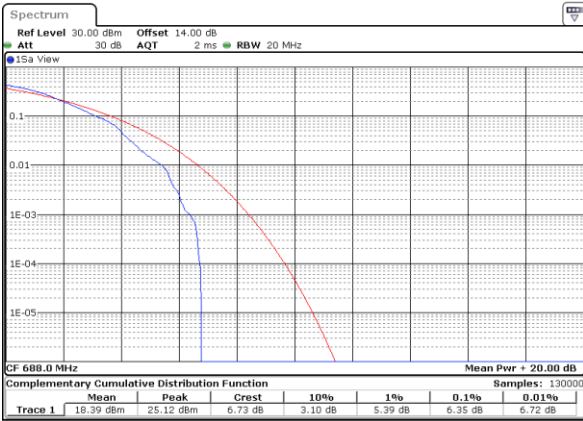
Date: 25 JUN 2021 17:57:23

Middle Channel / Full RB



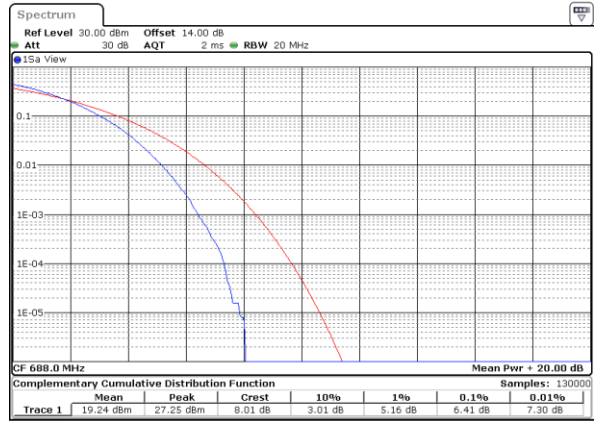
Date: 25 JUN 2021 17:57:50

Highest Channel / 1RB



Date: 25 JUN 2021 17:58:17

Highest Channel / Full RB



Date: 25 JUN 2021 17:58:45



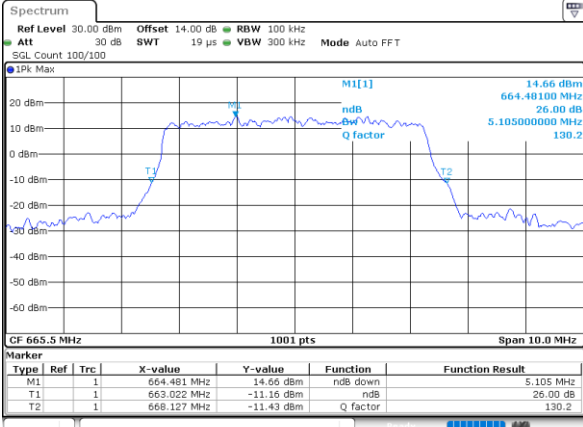
26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)											
BW				5MHz		10MHz		15MHz		20MHz		
Mod.				QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH				5.11	5.05	9.95	9.73	14.84	14.93	18.86	19.26	
Middle CH				5.01	5.17	9.77	10.01	14.57	15.20	19.46	19.14	
Highest CH				5.10	4.95	9.75	9.89	14.63	14.75	18.70	18.90	
Mode	LTE Band 71 : 26dB BW(MHz)											
BW				5MHz		10MHz		15MHz		20MHz		
Mod.				64QAM		64QAM		64QAM		64QAM		
Lowest CH				4.97	-	10.25	-	14.51	-	19.30	-	
Middle CH				5.02	-	10.09	-	14.90	-	18.90	-	
Highest CH				5.10	-	9.87	-	14.66	-	19.26	-	



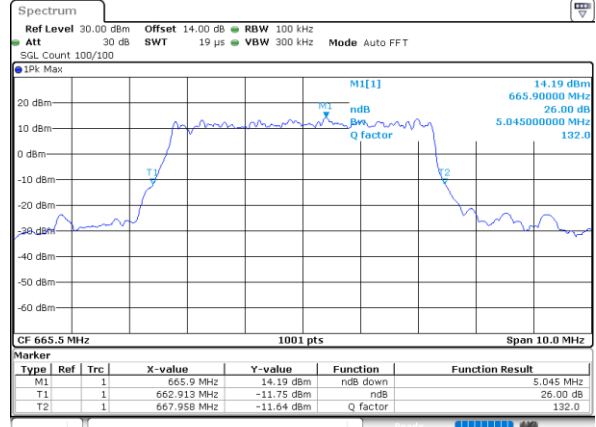
LTE Band 71

Lowest Channel / 5MHz / QPSK



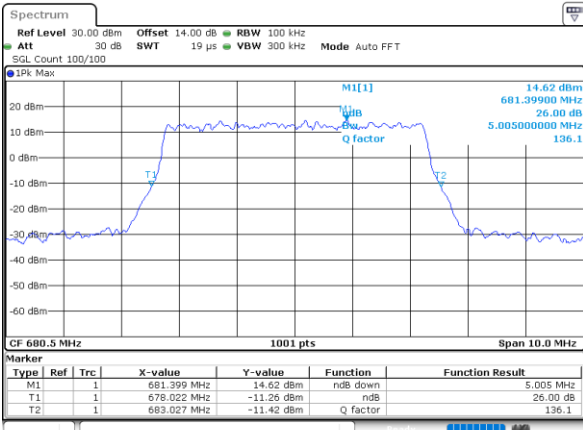
Date: 25 JUN 2021 14:25:50

Lowest Channel / 5MHz / 16QAM



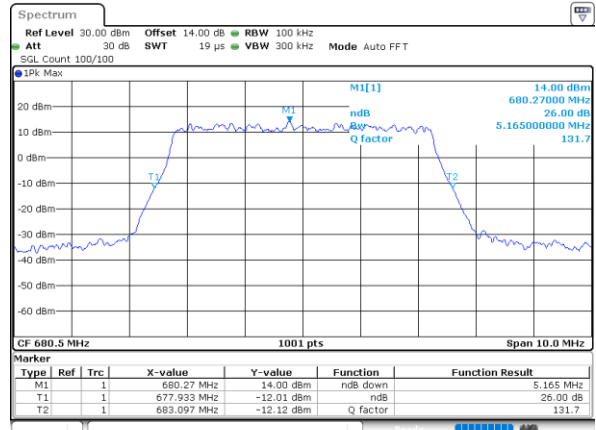
Date: 25 JUN 2021 14:26:21

Middle Channel / 5MHz / QPSK



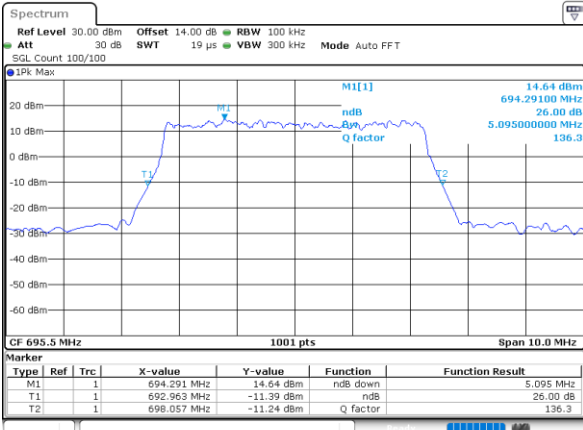
Date: 25 JUN 2021 14:38:01

Middle Channel / 5MHz / 16QAM



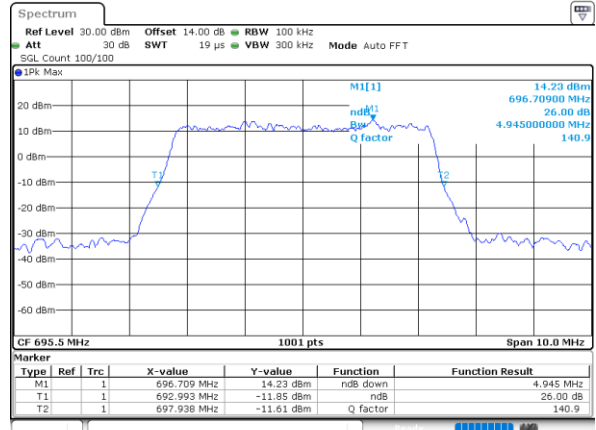
Date: 25 JUN 2021 14:38:54

Highest Channel / 5MHz / QPSK



Date: 25 JUN 2021 14:42:51

Highest Channel / 5MHz / 16QAM

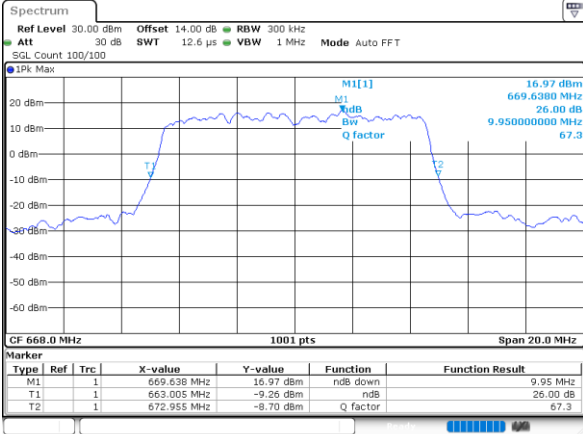


Date: 25 JUN 2021 14:43:15



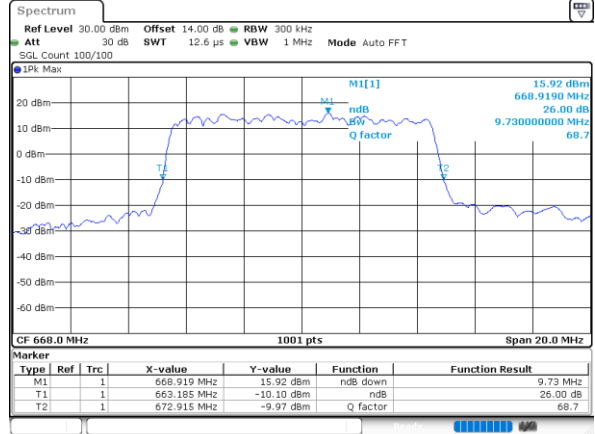
LTE Band 71

Lowest Channel / 10MHz / QPSK



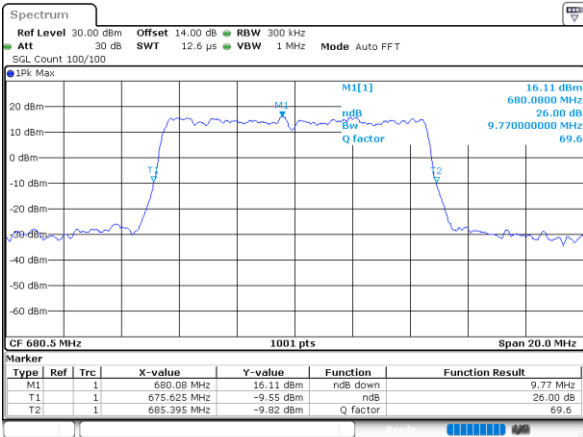
Date: 25 JUN 2021 15:13:52

Lowest Channel / 10MHz / 16QAM



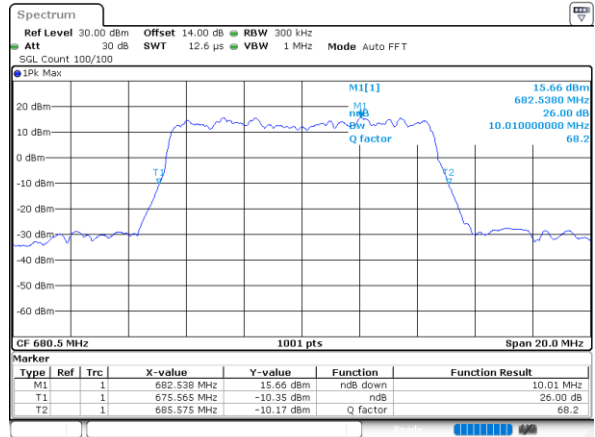
Date: 1 JUL 2021 09:04:34

Middle Channel / 10MHz / QPSK



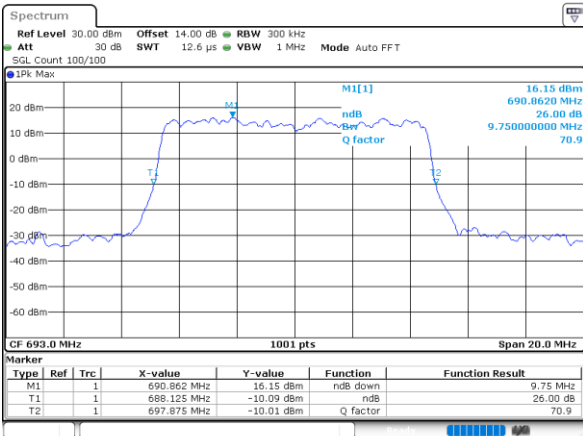
Date: 25 JUN 2021 15:26:25

Middle Channel / 10MHz / 16QAM



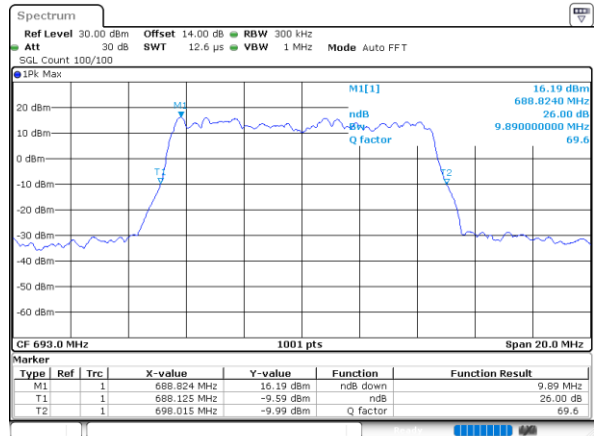
Date: 25 JUN 2021 15:26:48

Highest Channel / 10MHz / QPSK



Date: 25 JUN 2021 15:30:45

Highest Channel / 10MHz / 16QAM

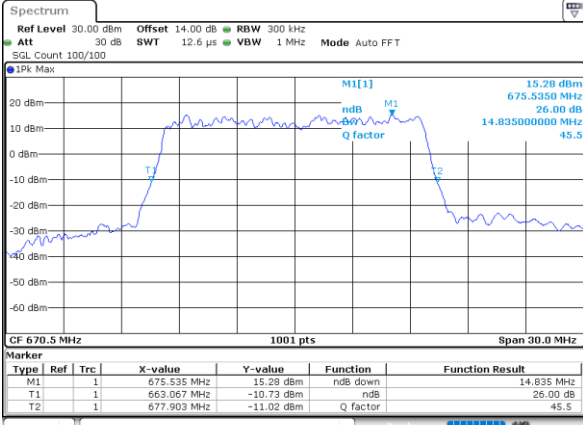


Date: 25 JUN 2021 15:31:08



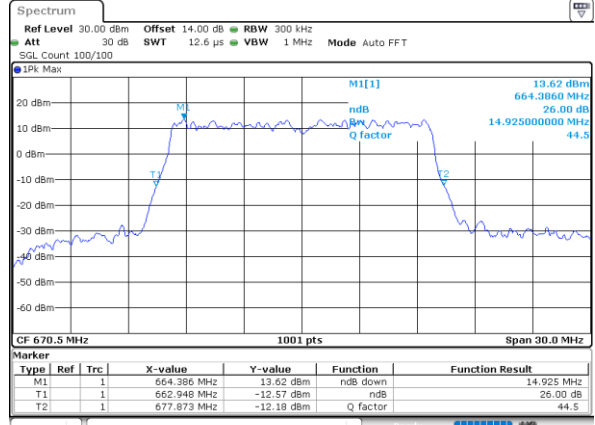
LTE Band 71

Lowest Channel / 15MHz / QPSK



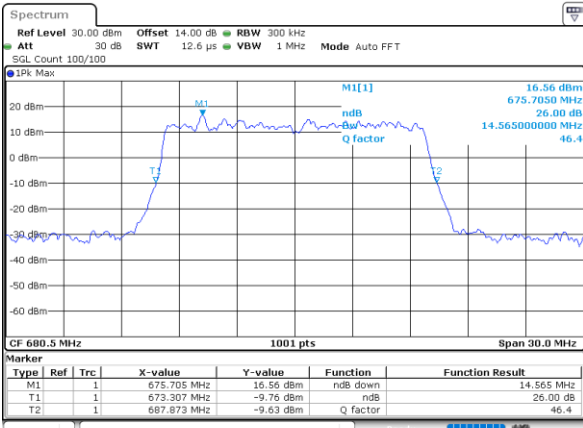
Date: 25 JUN 2021 16:08:15

Lowest Channel / 15MHz / 16QAM



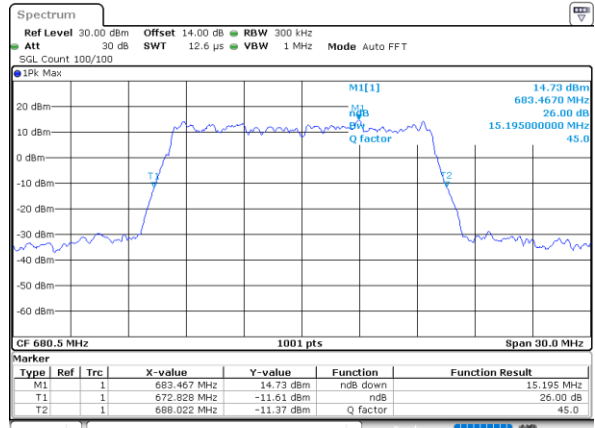
Date: 25 JUN 2021 16:08:38

Middle Channel / 15MHz / QPSK



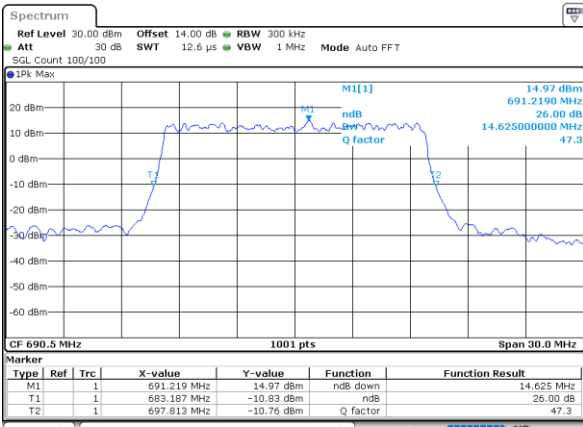
Date: 25 JUN 2021 16:20:48

Middle Channel / 15MHz / 16QAM



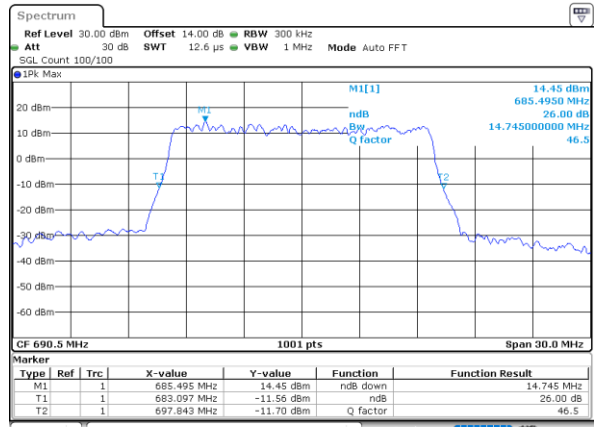
Date: 25 JUN 2021 16:21:11

Highest Channel / 15MHz / QPSK



Date: 25 JUN 2021 16:25:08

Highest Channel / 15MHz / 16QAM

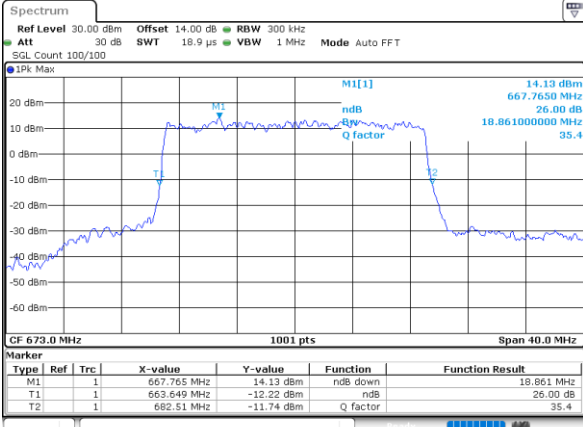


Date: 25 JUN 2021 16:25:32



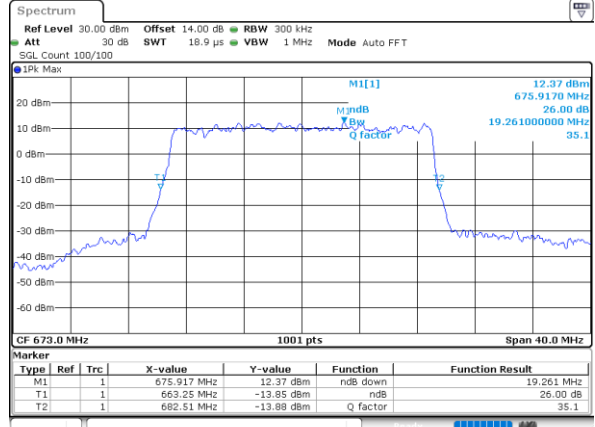
LTE Band 71

Lowest Channel / 20MHz / QPSK



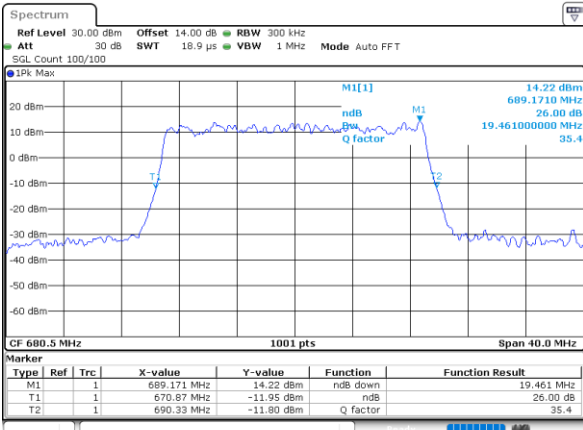
Date: 25_JUN,2021 17:08:06

Lowest Channel / 20MHz / 16QAM



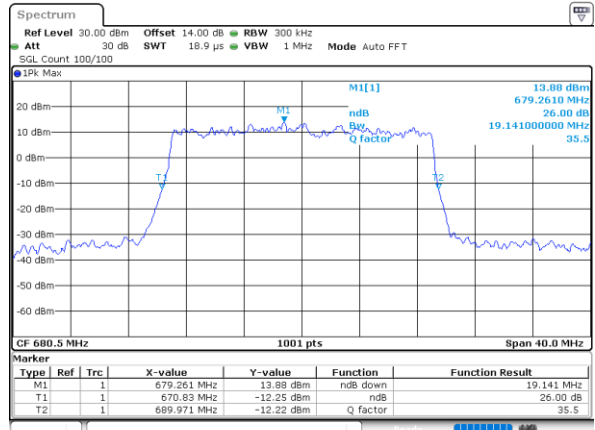
Date: 25_JUN,2021 17:08:29

Middle Channel / 20MHz / QPSK



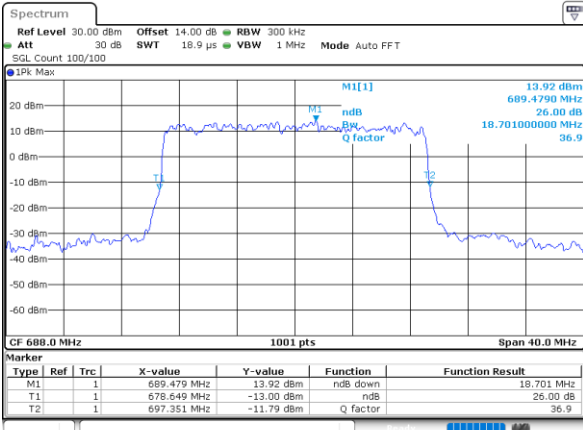
Date: 25_JUN,2021 17:20:39

Middle Channel / 20MHz / 16QAM



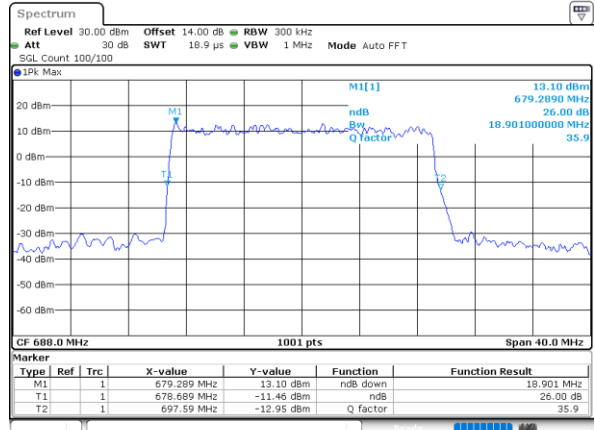
Date: 25_JUN,2021 17:21:03

Highest Channel / 20MHz / QPSK



Date: 25_JUN,2021 17:24:59

Highest Channel / 20MHz / 16QAM

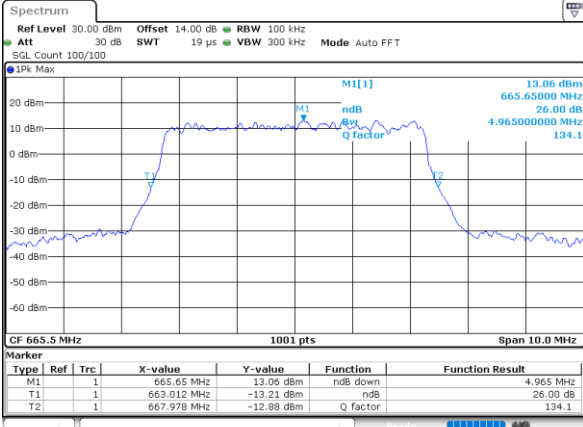


Date: 25_JUN,2021 17:25:23



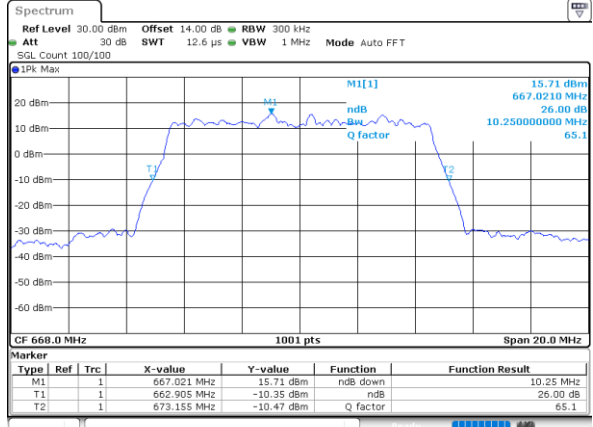
LTE Band 71

Lowest Channel / 5MHz / 64QAM



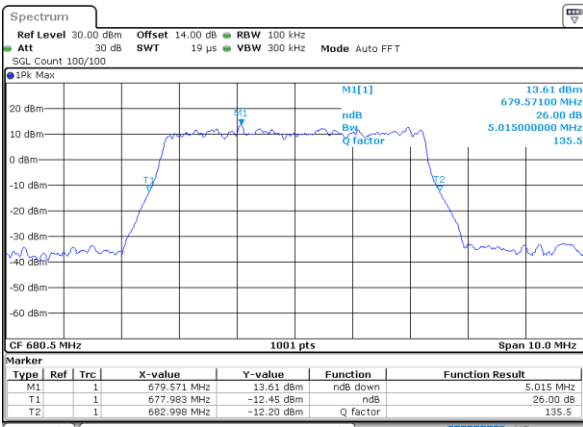
Date: 25 JUN 2021 14:54:52

Lowest Channel / 10MHz / 64QAM



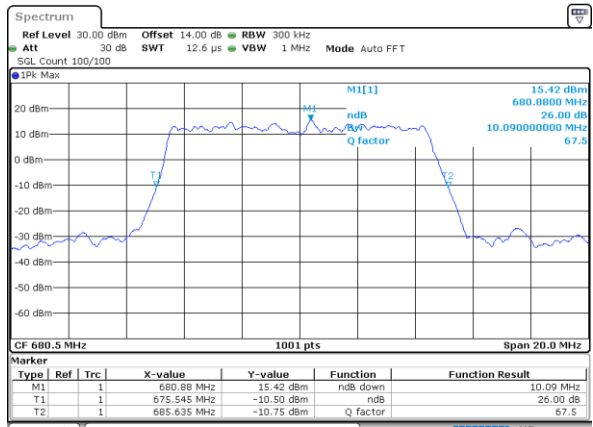
Date: 25 JUN 2021 15:42:45

Middle Channel / 5MHz / 64QAM



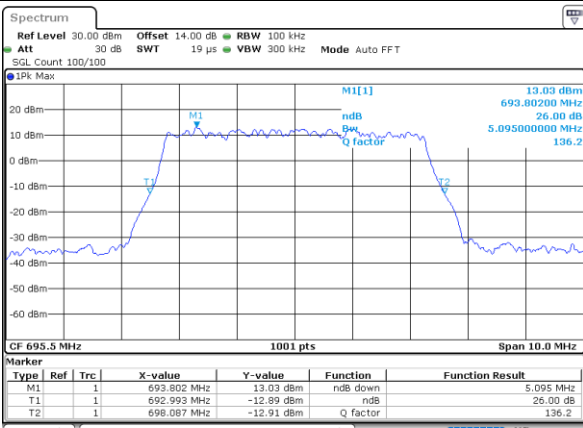
Date: 25 JUN 2021 15:01:00

Middle Channel / 10MHz / 64QAM



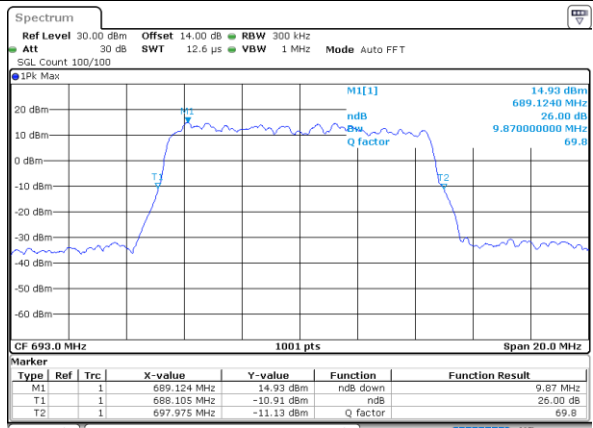
Date: 1 JUL 2021 09:05:06

Highest Channel / 5MHz / 64QAM



Date: 25 JUN 2021 15:03:02

Highest Channel / 10MHz / 64QAM

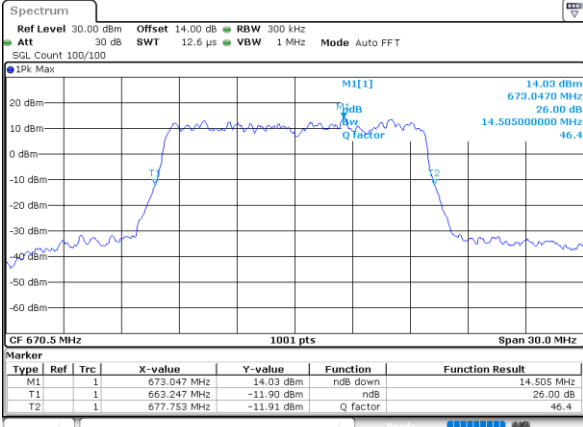


Date: 25 JUN 2021 15:50:53



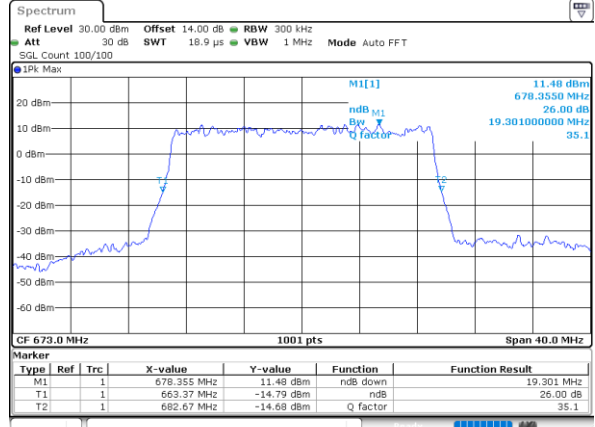
LTE Band 71

Lowest Channel / 15MHz / 64QAM



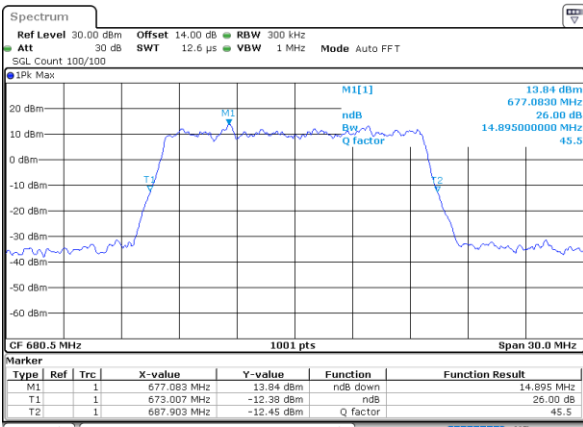
Date: 25 JUN 2021 16:37:07

Lowest Channel / 20MHz / 64QAM



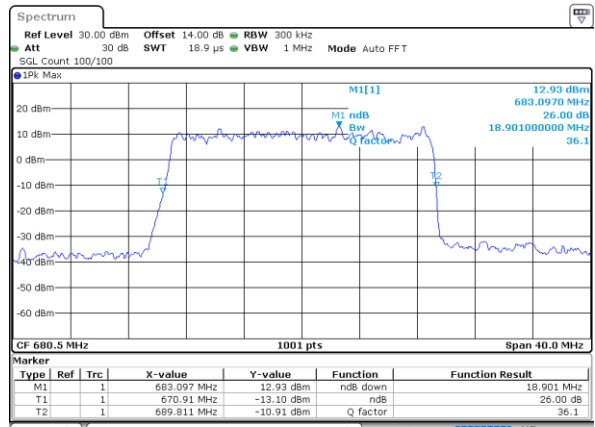
Date: 25 JUN 2021 17:13:58

Middle Channel / 15MHz / 64QAM



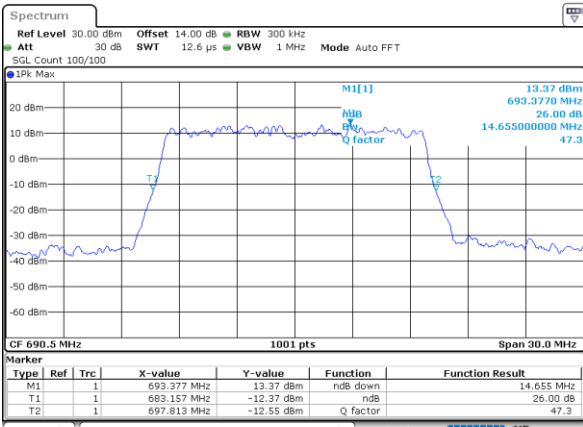
Date: 25 JUN 2021 16:43:15

Middle Channel / 20MHz / 64QAM



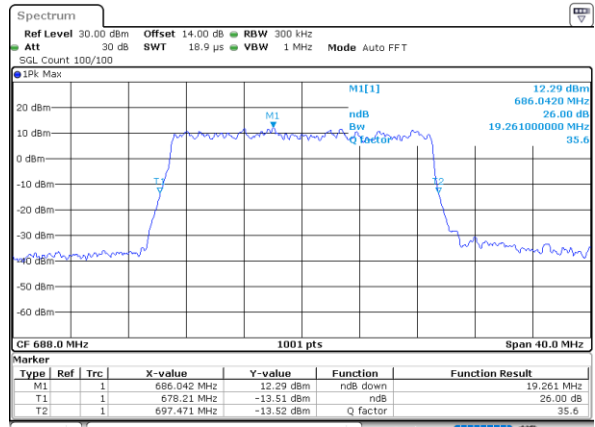
Date: 25 JUN 2021 17:43:06

Highest Channel / 15MHz / 64QAM



Date: 25 JUN 2021 16:45:16

Highest Channel / 20MHz / 64QAM



Date: 25 JUN 2021 17:45:07



Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)											
BW				5MHz		10MHz		15MHz		20MHz		
Mod.				QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH				4.51	4.50	9.11	9.03	13.49	13.43	17.86	17.86	
Middle CH				4.49	4.50	9.05	9.07	13.43	13.46	17.90	17.94	
Highest CH				4.50	4.50	9.09	9.03	13.49	13.43	17.90	17.90	
Mode	LTE Band 71 : 99%OBW(MHz)											
BW				5MHz		10MHz		15MHz		20MHz		
Mod.				64QAM		64QAM		64QAM		64QAM		
Lowest CH				4.49	-	9.05	-	13.43	-	17.86	-	
Middle CH				4.49	-	9.03	-	13.40	-	17.94	-	
Highest CH				4.47	-	9.07	-	13.46	-	17.82	-	