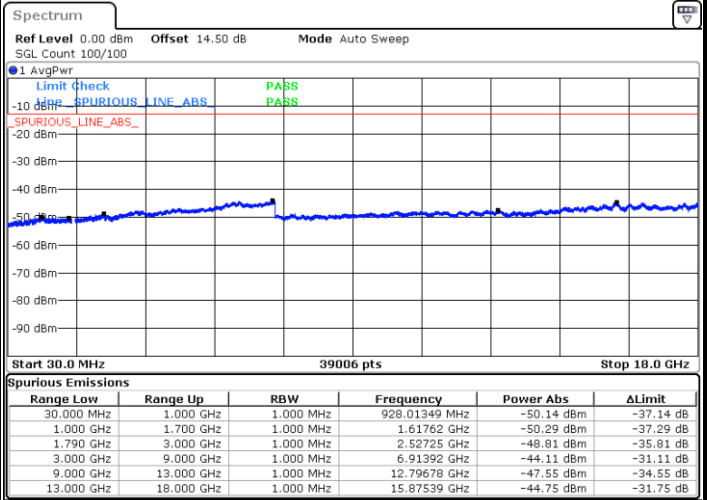
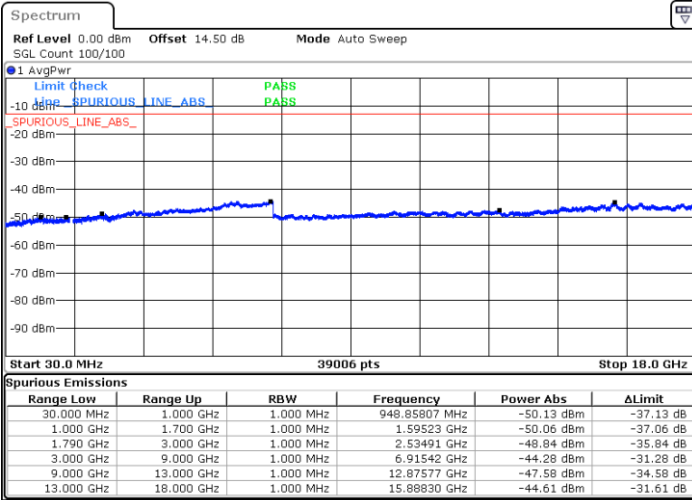




LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

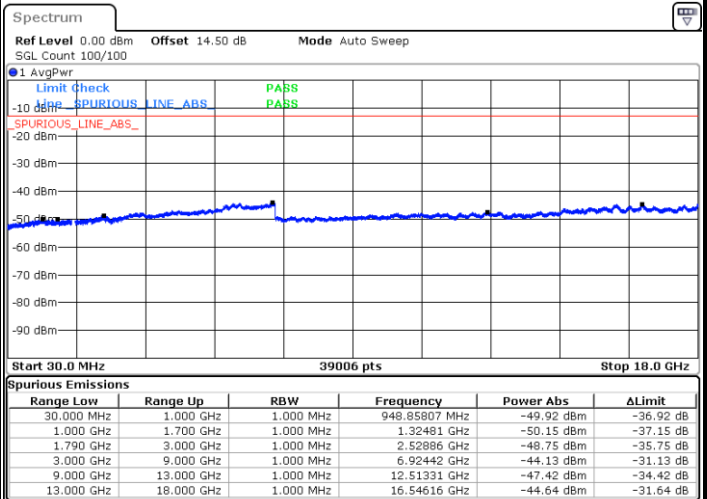
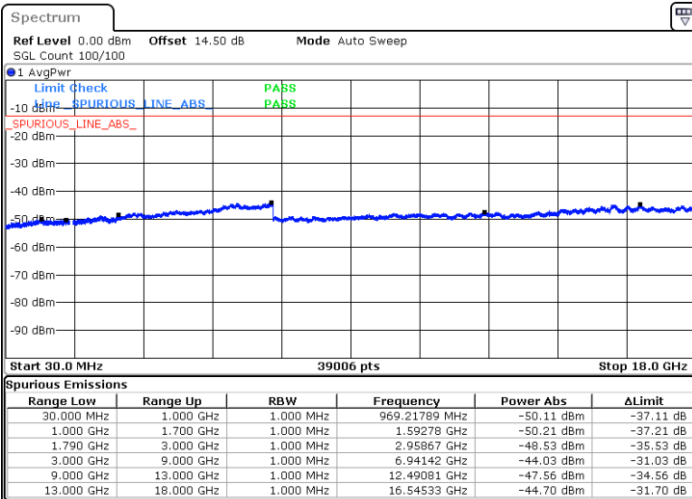


Date: 12.OCT.2021 01:54:57

Date: 12.OCT.2021 01:56:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12.OCT.2021 02:04:37

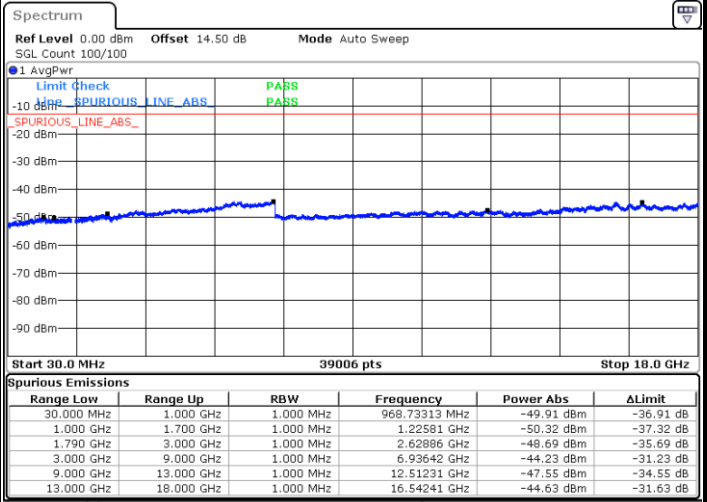
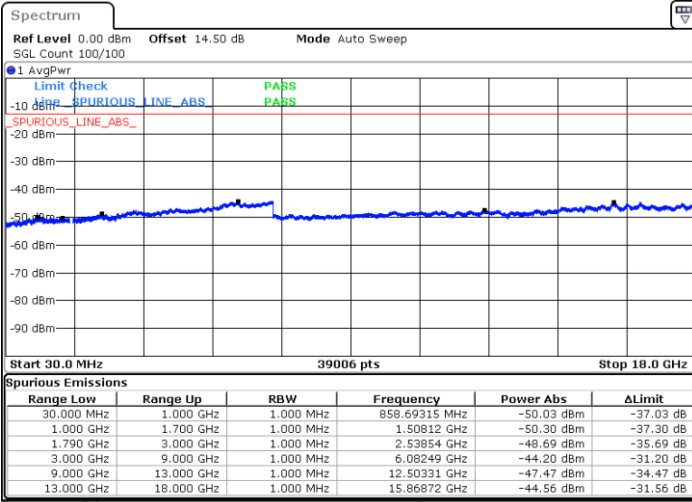
Date: 12.OCT.2021 02:06:07



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

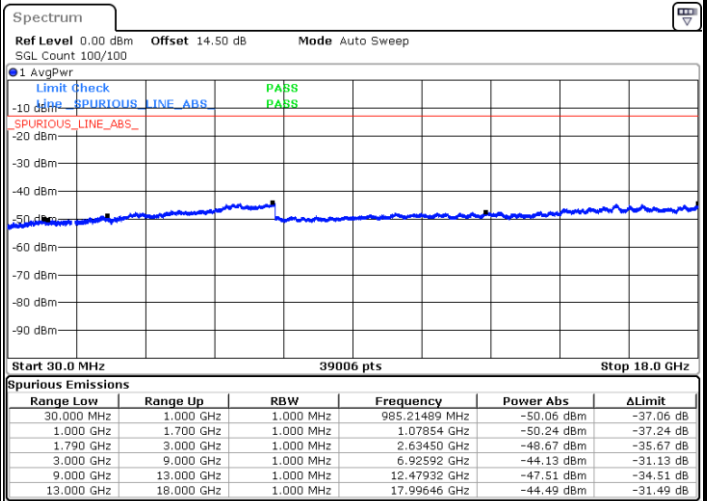
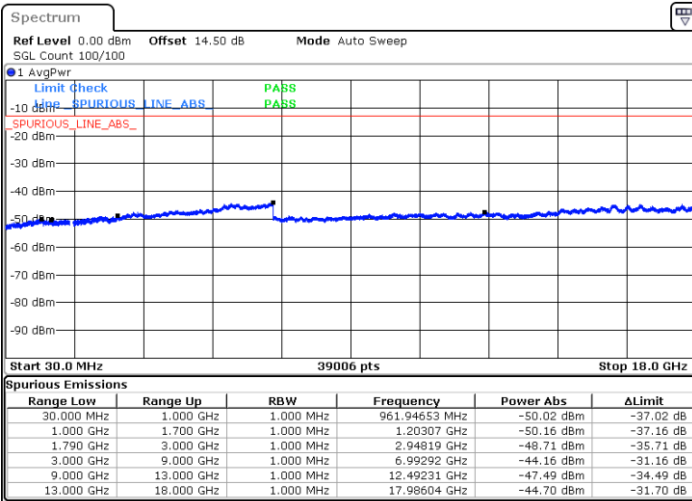


Date: 12.OCT.2021 02:40:05

Date: 12.OCT.2021 02:41:34

Middle Channel / QPSK

Middle Channel / 16QAM



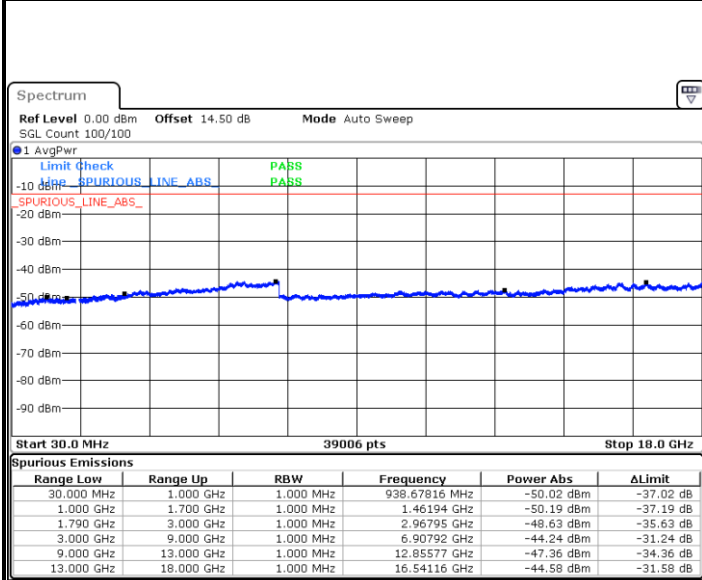
Date: 12.OCT.2021 02:43:49

Date: 12.OCT.2021 02:45:19



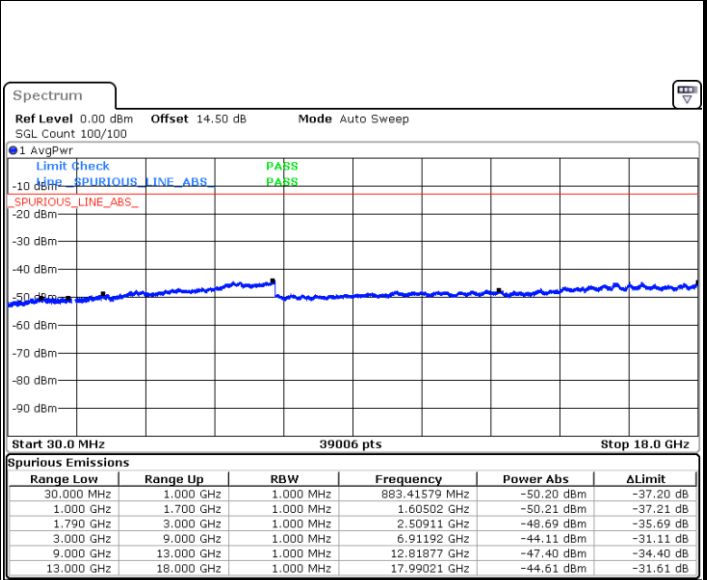
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 12.OCT.2021 20:46:26

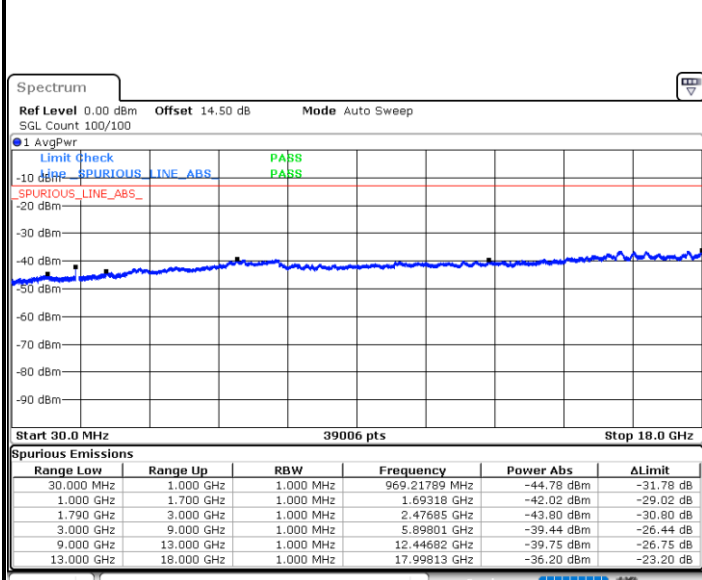
Highest Channel / 16QAM



Date: 12.OCT.2021 20:47:11

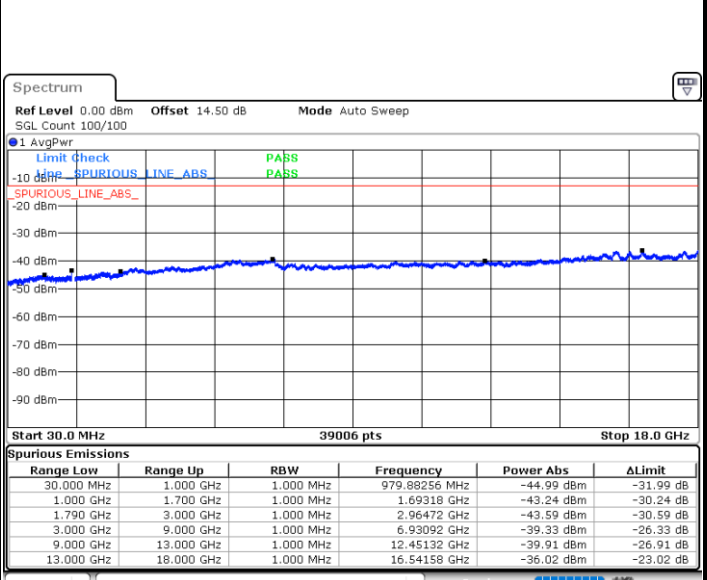
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 12.OCT.2021 20:51:42

Lowest Channel / 16QAM



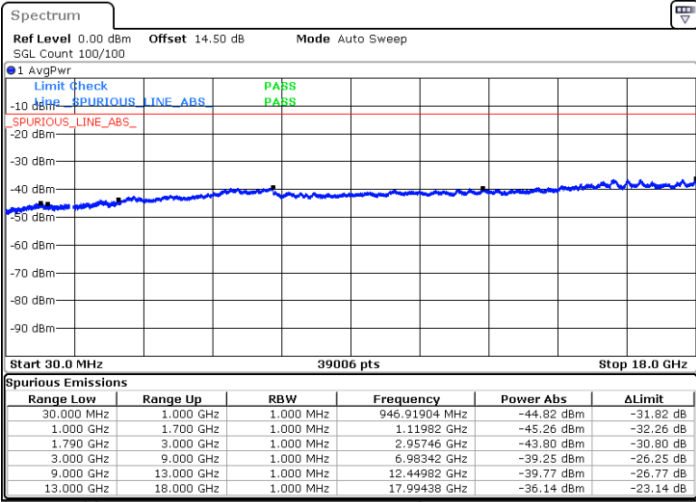
Date: 12.OCT.2021 20:52:27



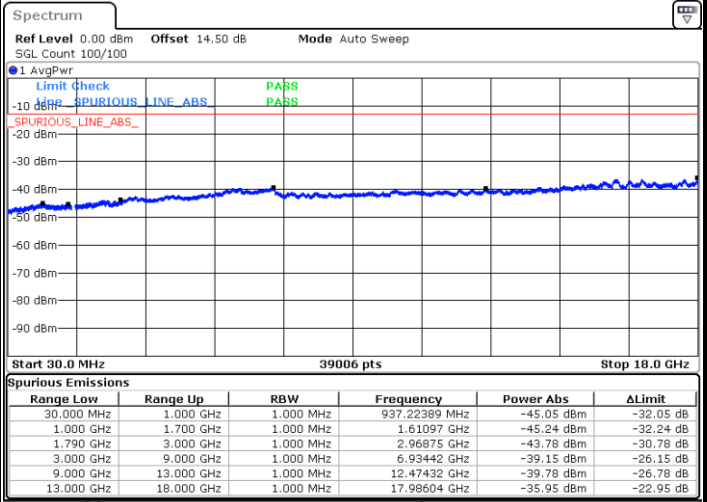
LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



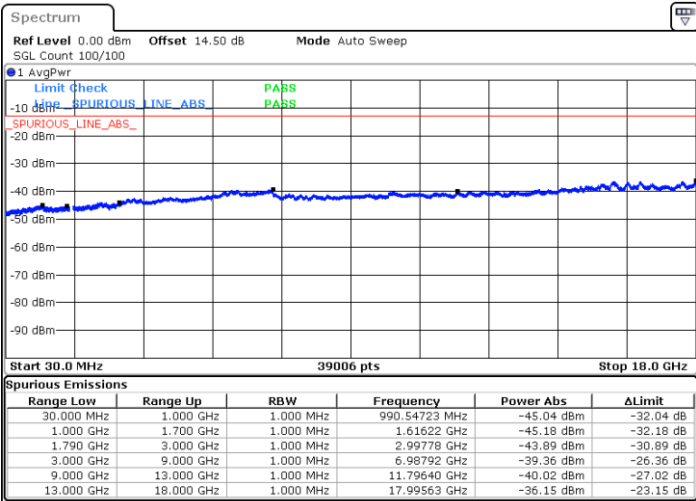
Date: 12.OCT.2021 20:53:56



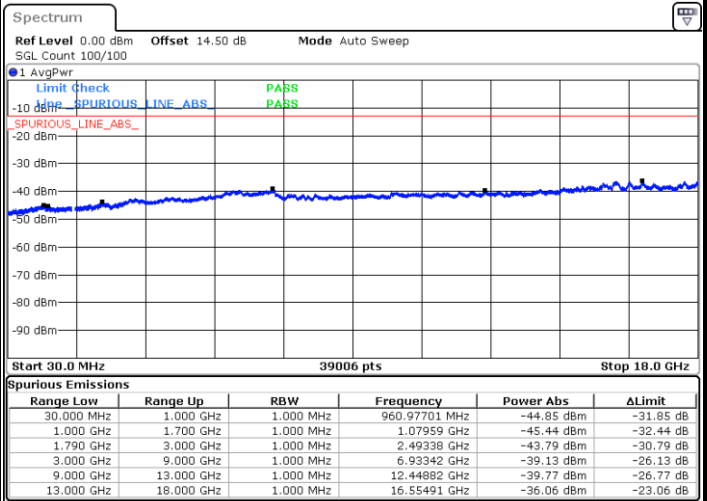
Date: 12.OCT.2021 20:54:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12.OCT.2021 20:59:11



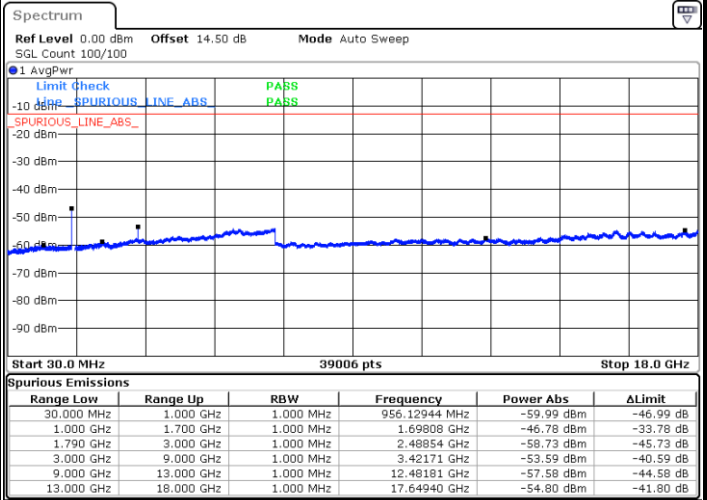
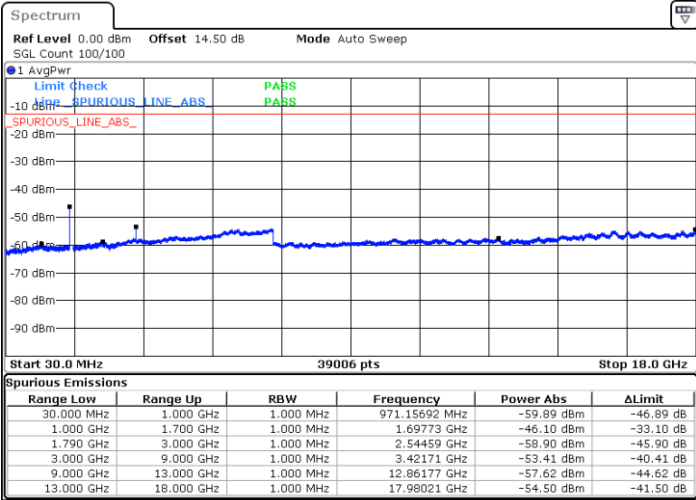
Date: 12.OCT.2021 20:59:57



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

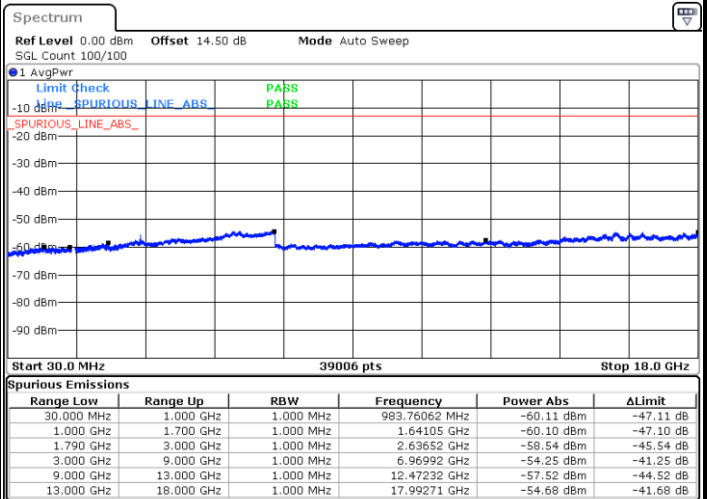
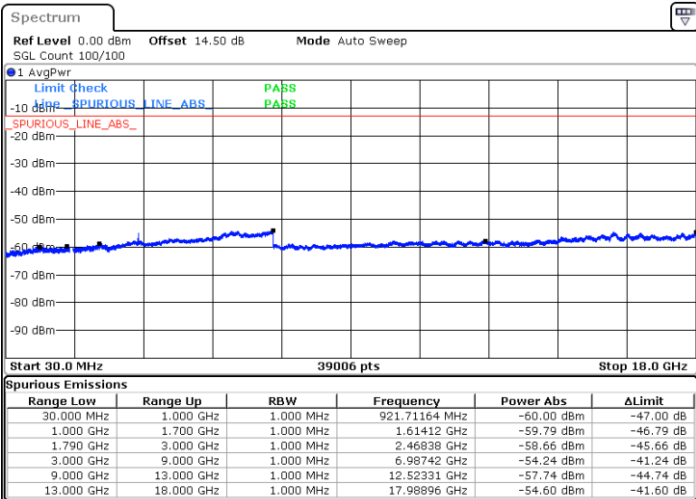


Date: 12.OCT.2021 22:02:25

Date: 12.OCT.2021 22:03:10

Middle Channel / QPSK

Middle Channel / 16QAM



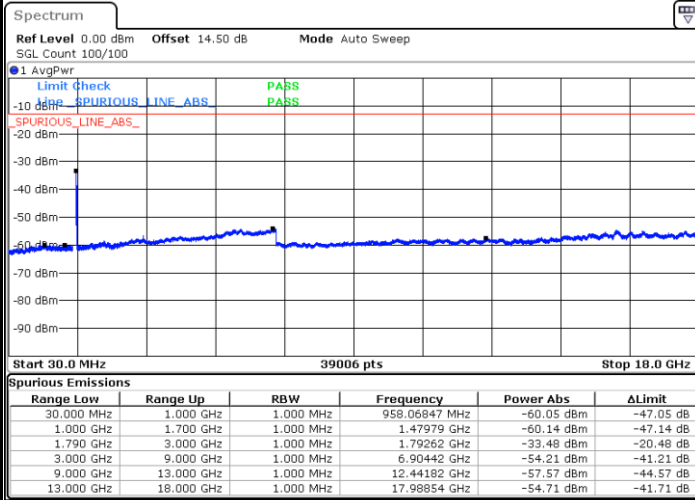
Date: 12.OCT.2021 22:04:40

Date: 12.OCT.2021 22:05:25



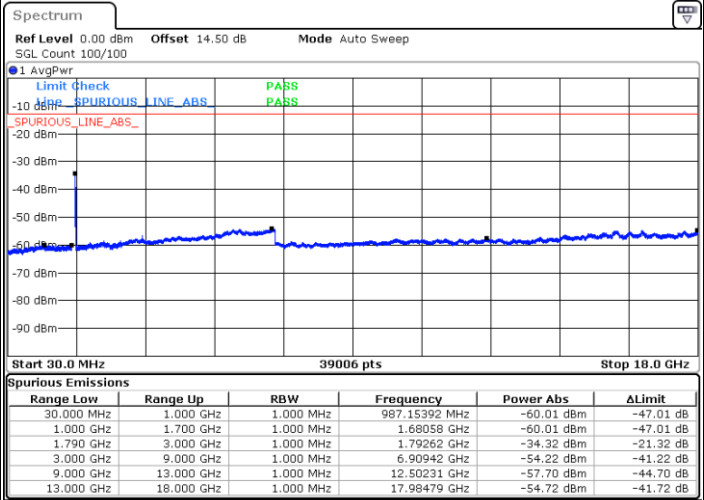
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 12.OCT.2021 22:09:51

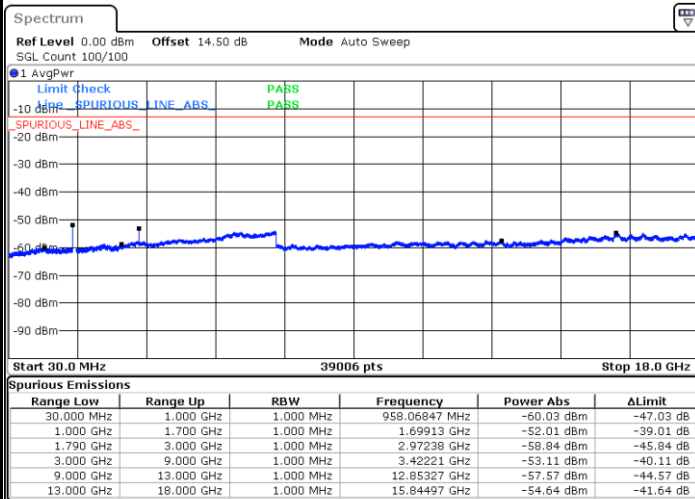
Highest Channel / 16QAM



Date: 12.OCT.2021 22:10:36

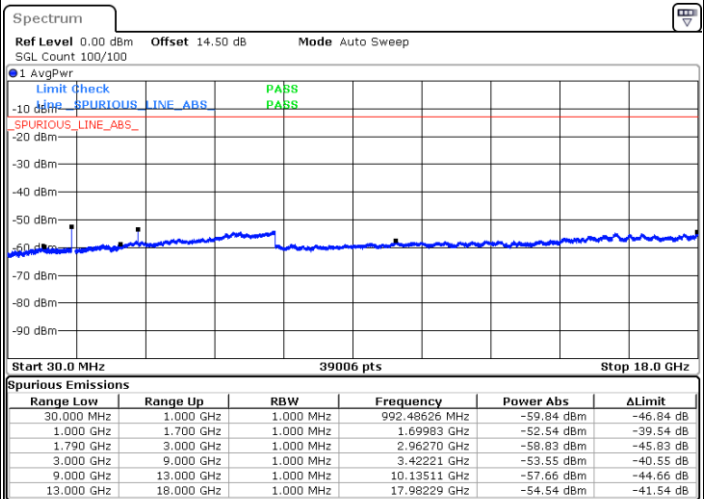
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 12.OCT.2021 22:15:02

Lowest Channel / 16QAM



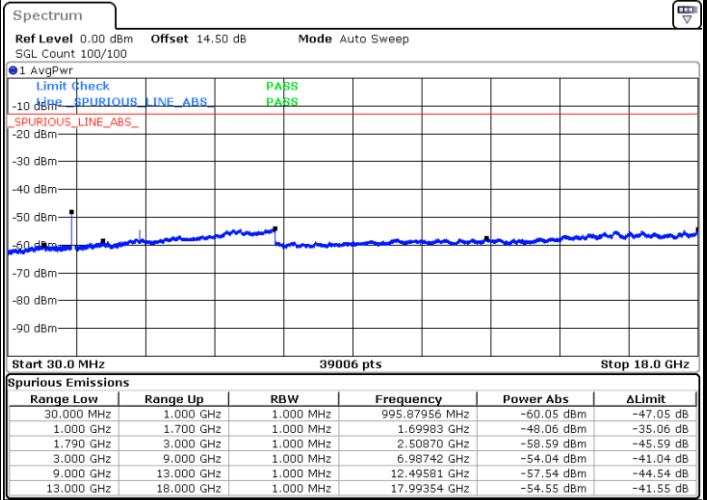
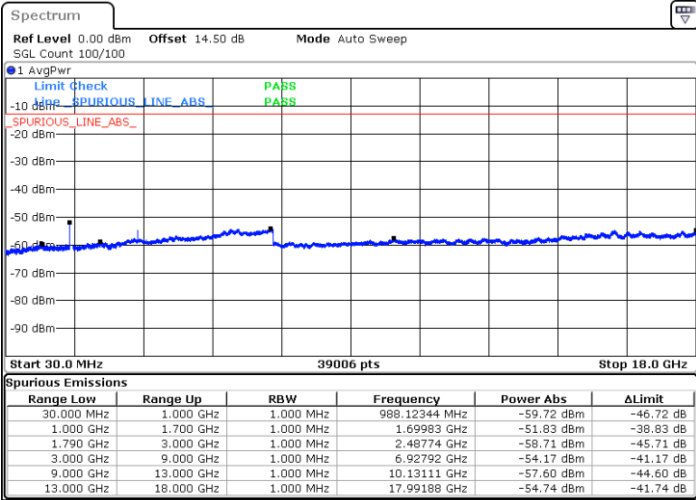
Date: 12.OCT.2021 22:15:47



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

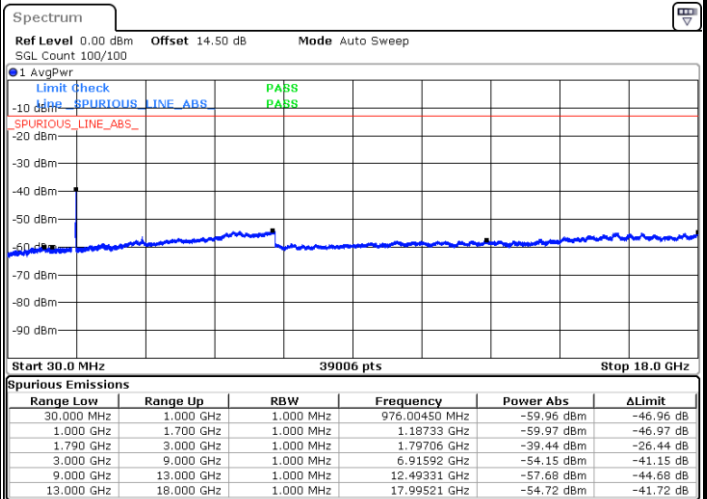
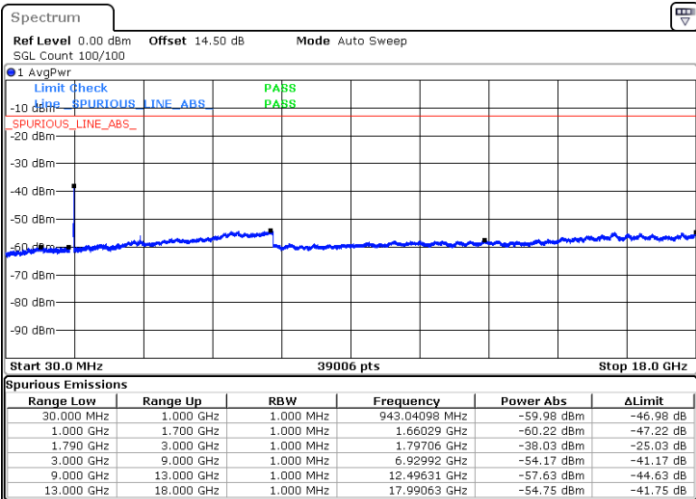


Date: 12.OCT.2021 22:17:17

Date: 12.OCT.2021 22:18:02

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12.OCT.2021 22:22:28

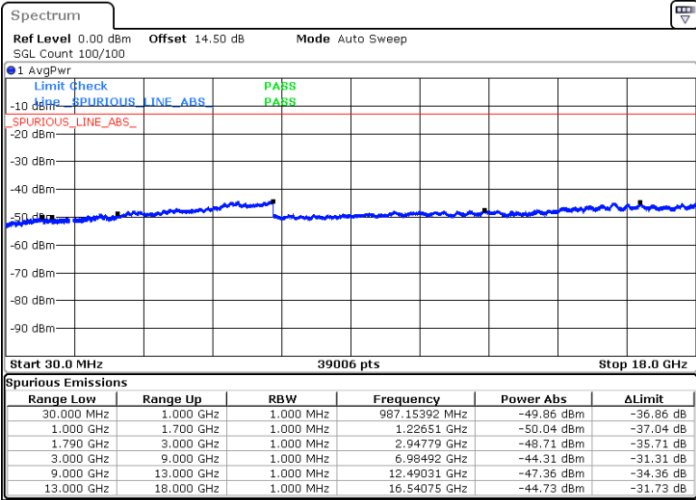
Date: 12.OCT.2021 22:23:13



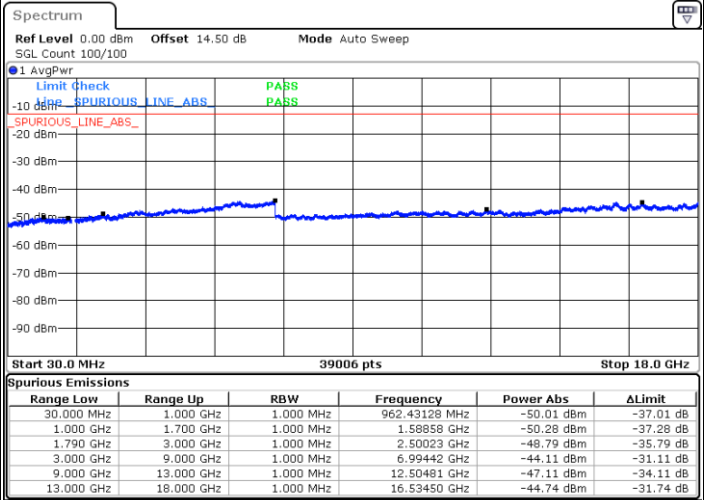
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

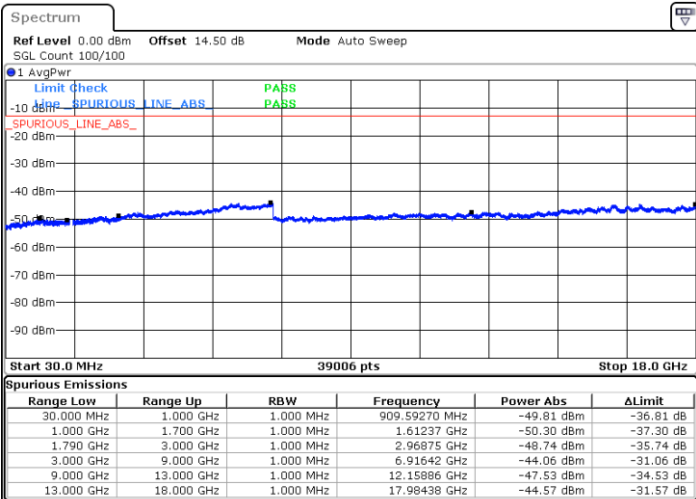


Date: 12.OCT.2021 01:34:44



Date: 12.OCT.2021 01:36:36

Highest Channel / 64QAM

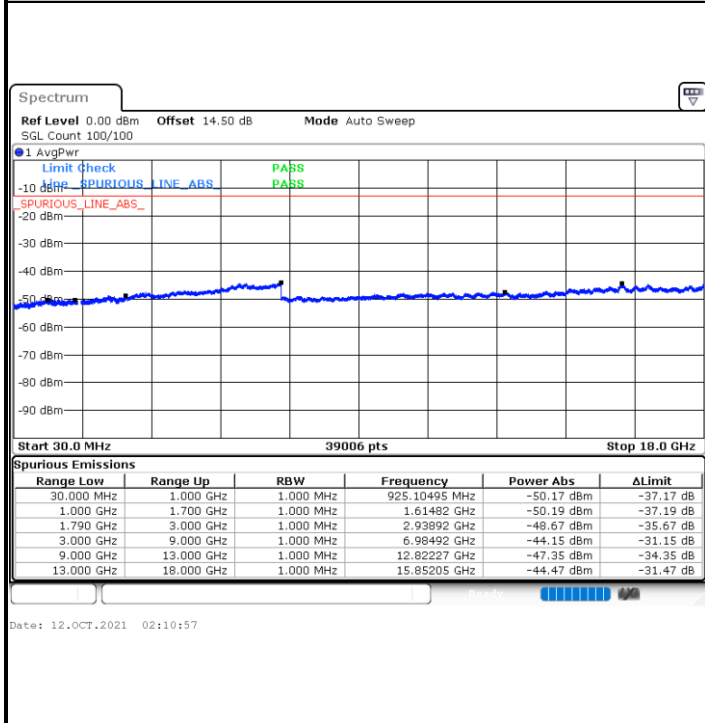


Date: 12.OCT.2021 01:41:26

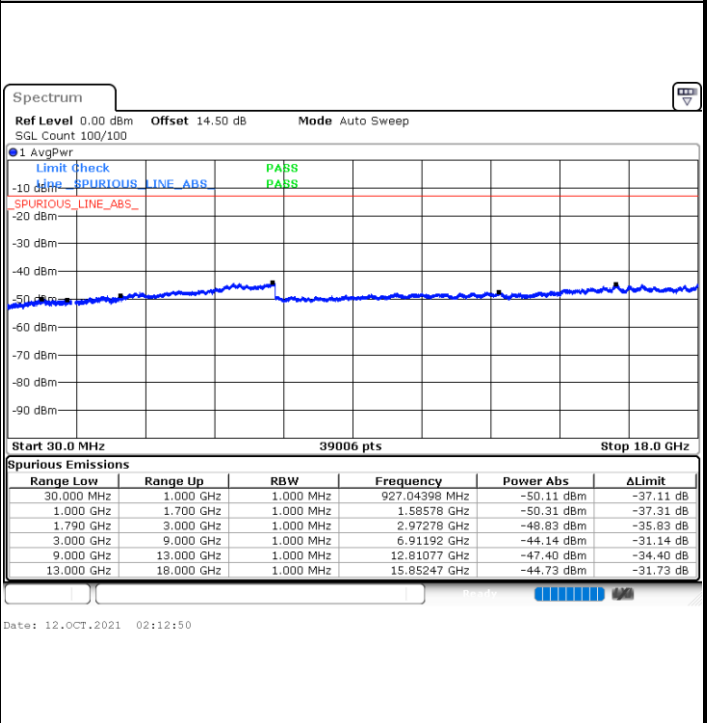


LTE Band 66 / 3MHz

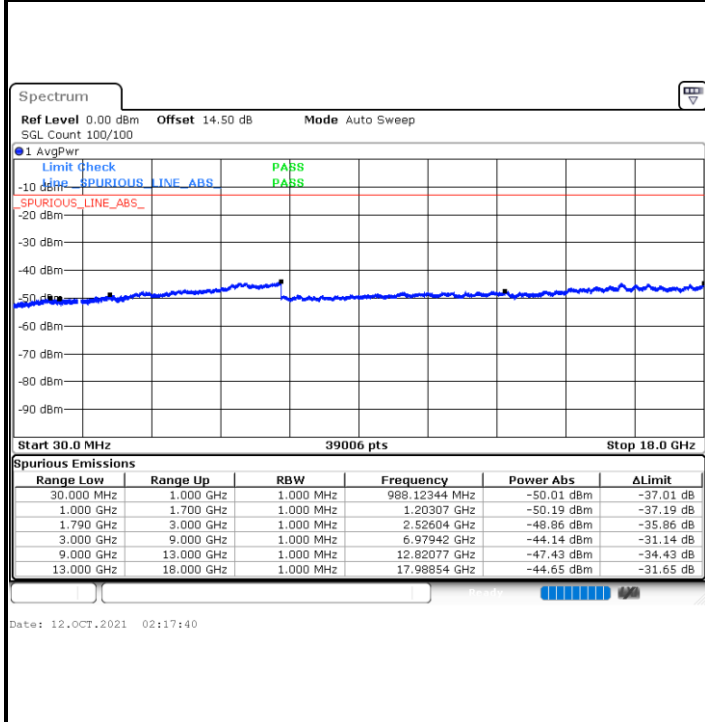
Lowest Channel / 64QAM



Middle Channel / 64QAM



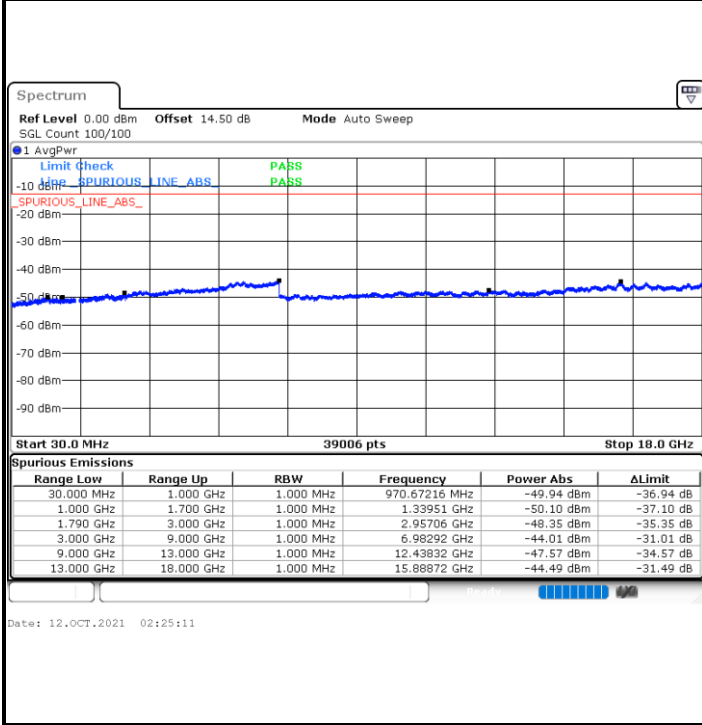
Highest Channel / 64QAM



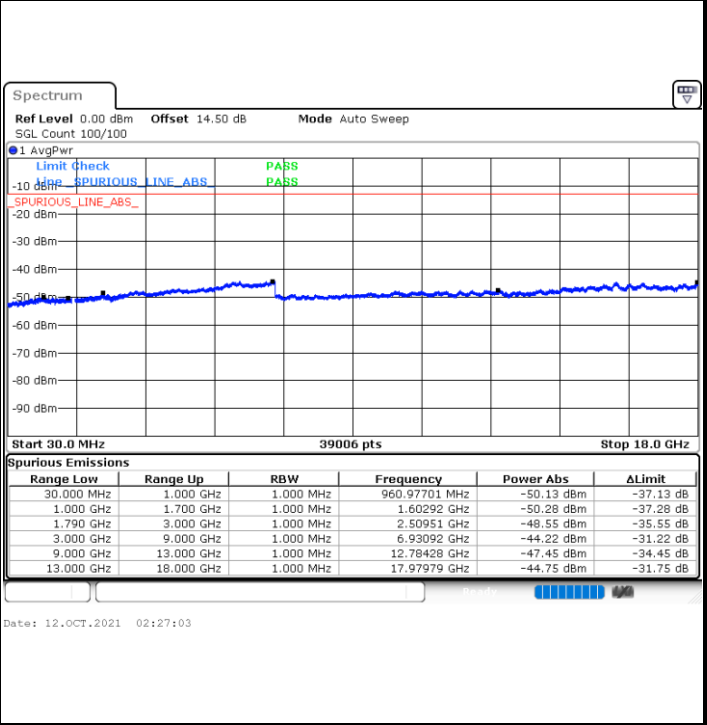


LTE Band 66 / 5MHz

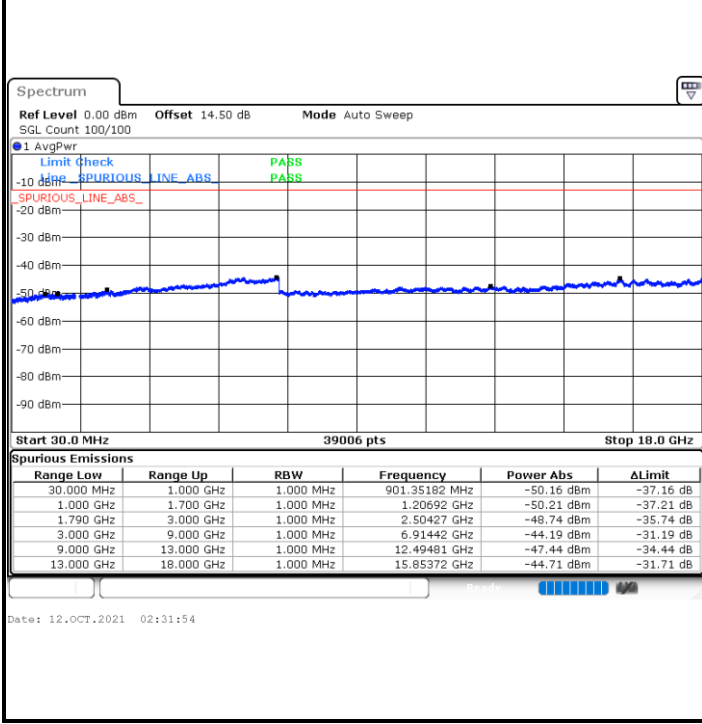
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

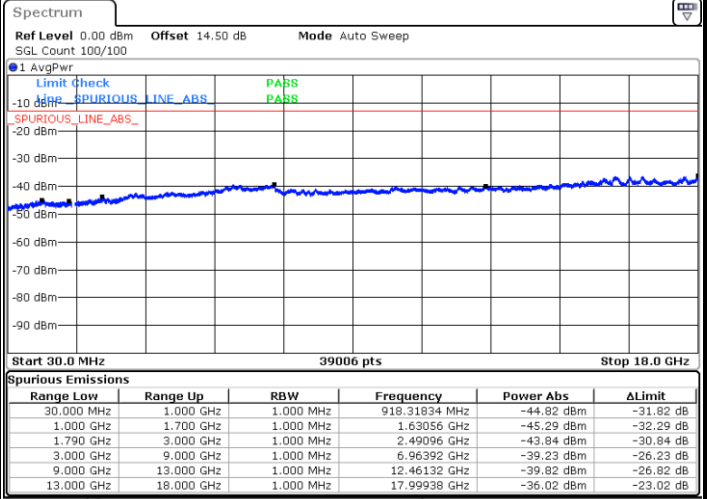
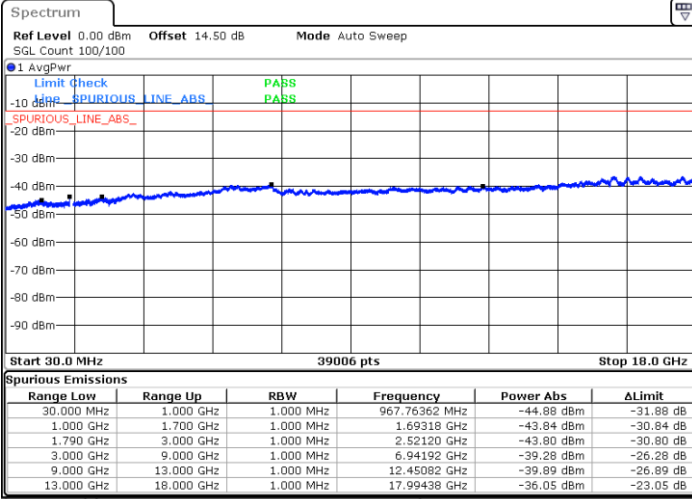




LTE Band 66 / 10MHz

Lowest Channel / 64QAM

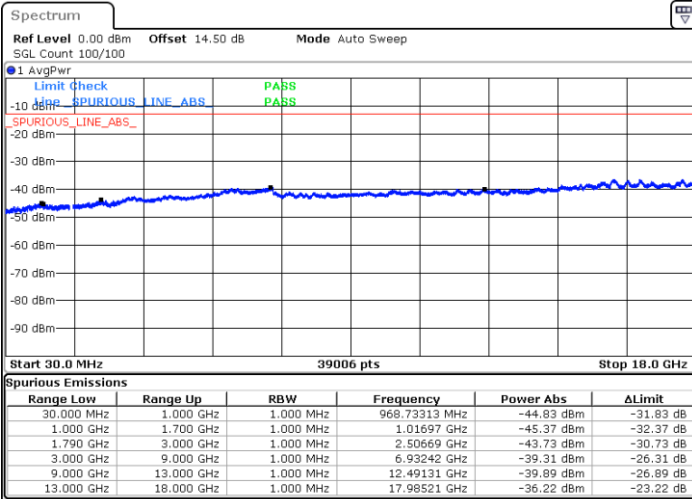
Middle Channel / 64QAM



Date: 12.OCT.2021 21:02:32

Date: 12.OCT.2021 21:03:39

Highest Channel / 64QAM

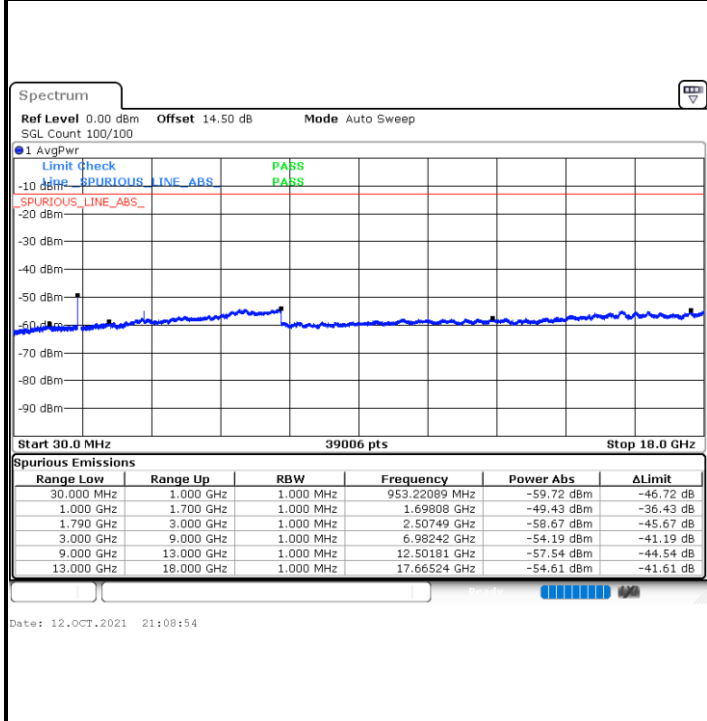


Date: 12.OCT.2021 21:06:15

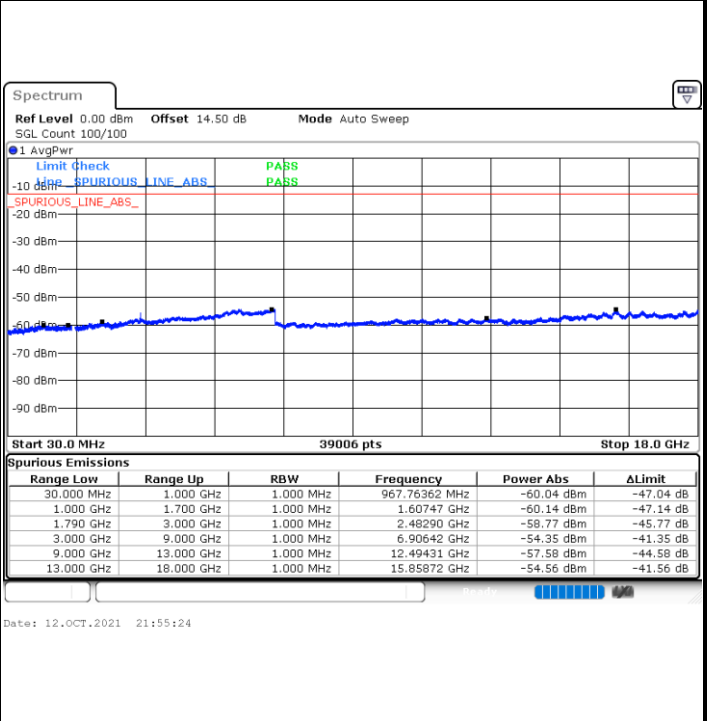


LTE Band 66 / 15MHz

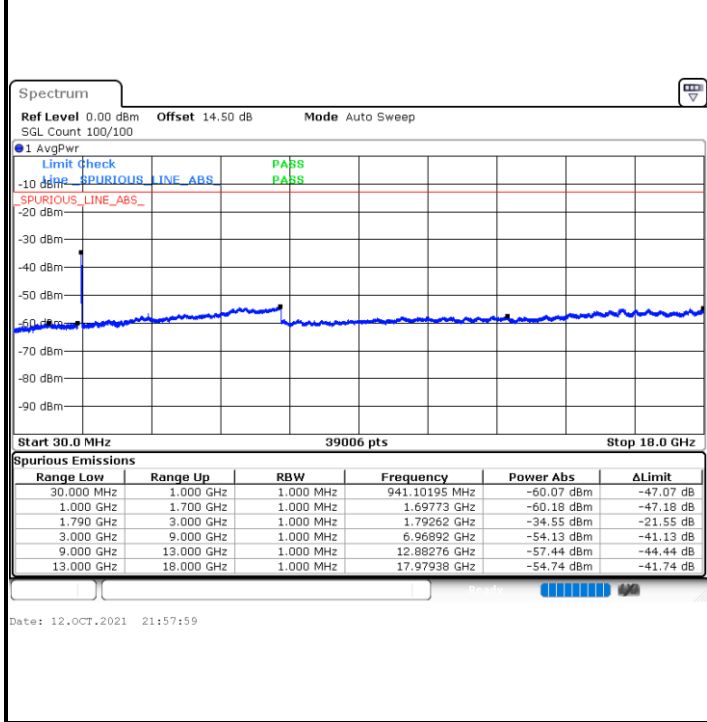
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

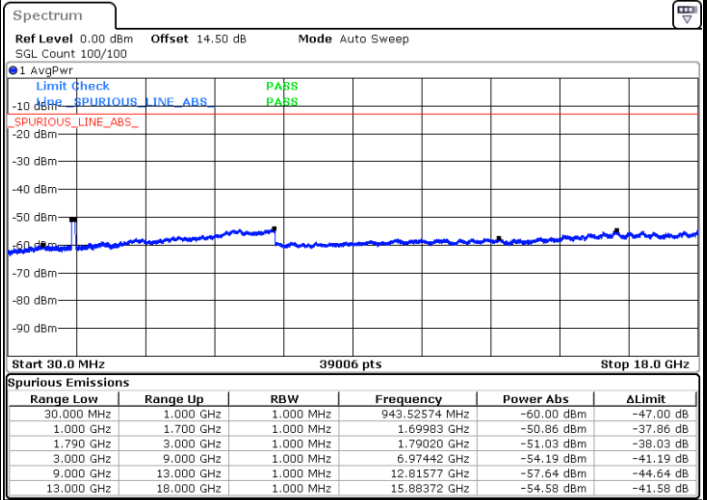
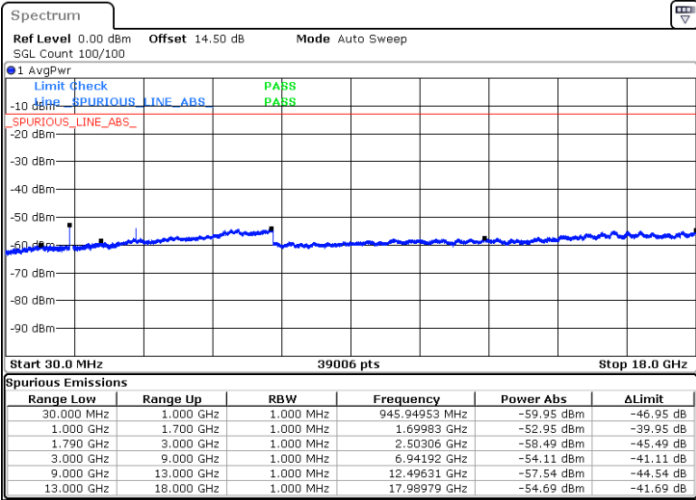




LTE Band 66 / 20MHz

Lowest Channel / 64QAM

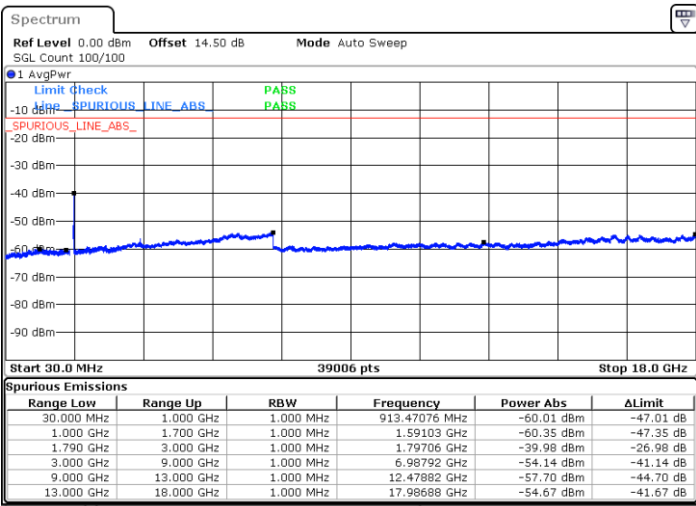
Middle Channel / 64QAM



Date: 12.OCT.2021 22:25:48

Date: 12.OCT.2021 22:26:56

Highest Channel / 64QAM



Date: 12.OCT.2021 22:29:31



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	0.0026	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.43 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

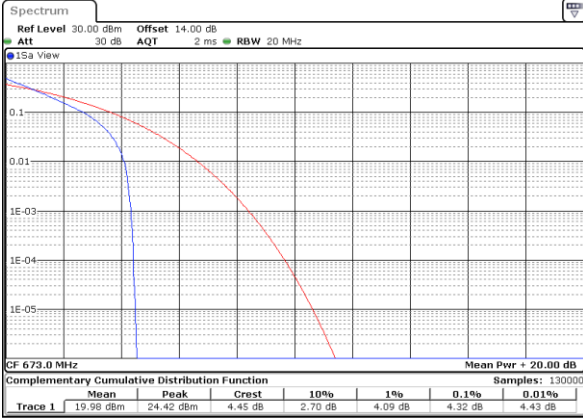
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.32	5.28	5.30	6.12	PASS
Middle CH	4.75	5.25	5.62	6.23	
Highest CH	4.96	5.28	6.03	6.29	
Mode	LTE Band 71 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.65	6.35	-	-	PASS
Middle CH	6.46	6.41	-	-	
Highest CH	6.49	6.41	-	-	



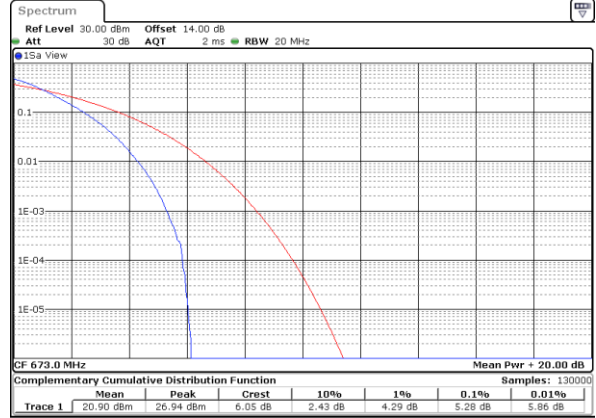
LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



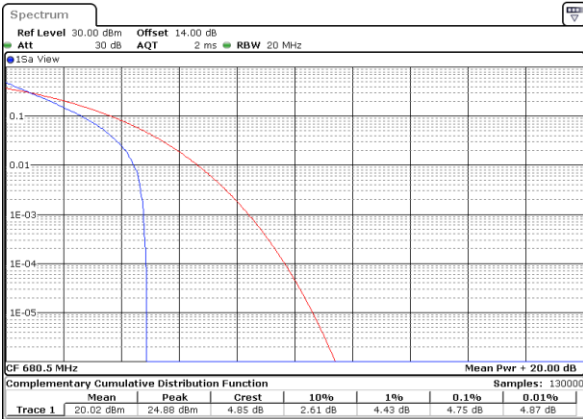
Date: 14.OCT.2021 08:31:12

Lowest Channel / Full RB



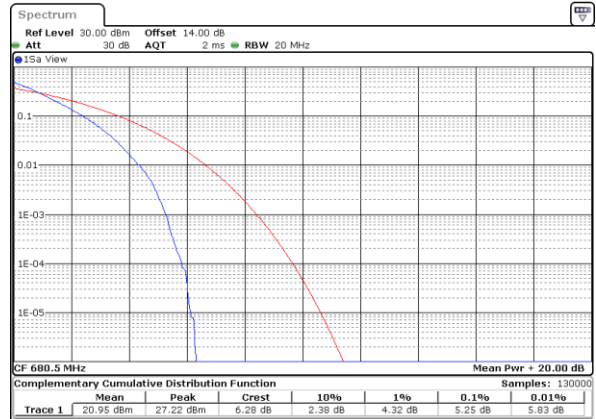
Date: 14.OCT.2021 08:31:39

Middle Channel / 1RB



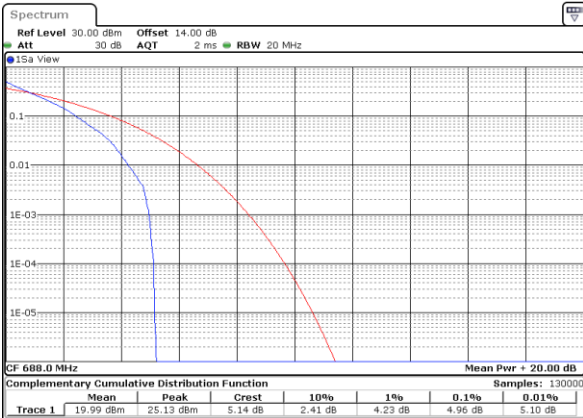
Date: 14.OCT.2021 08:32:05

Middle Channel / Full RB



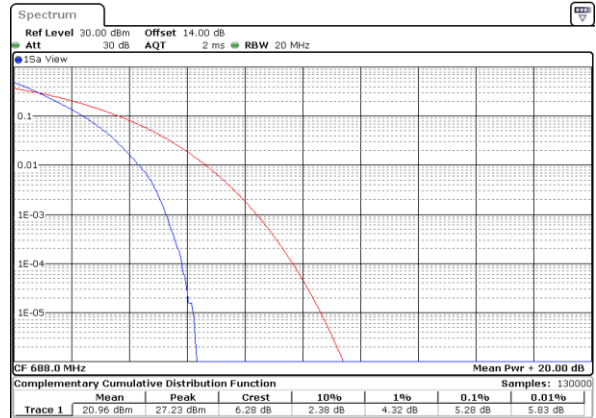
Date: 14.OCT.2021 08:32:32

Highest Channel / 1RB



Date: 14.OCT.2021 08:32:58

Highest Channel / Full RB

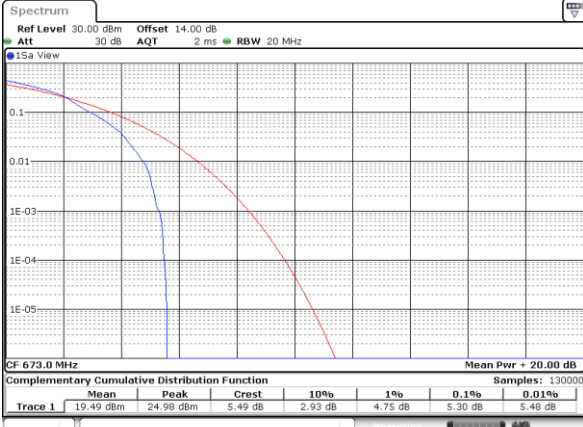


Date: 14.OCT.2021 08:33:24



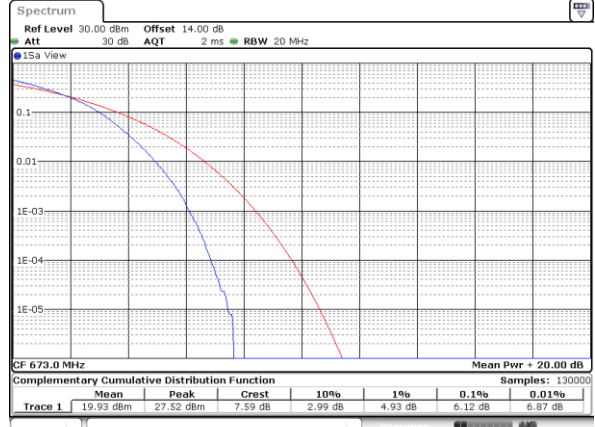
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



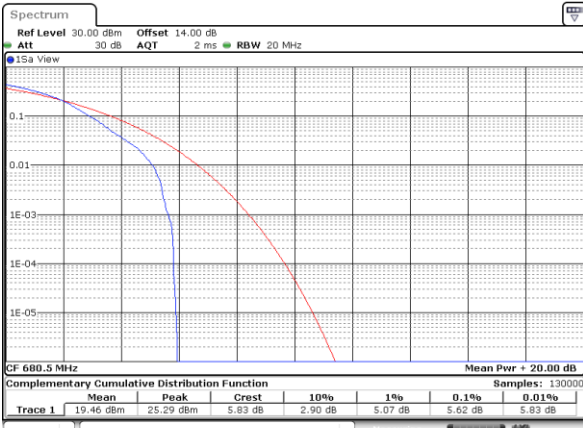
Date: 14.OCT.2021 09:18:16

Lowest Channel / Full RB



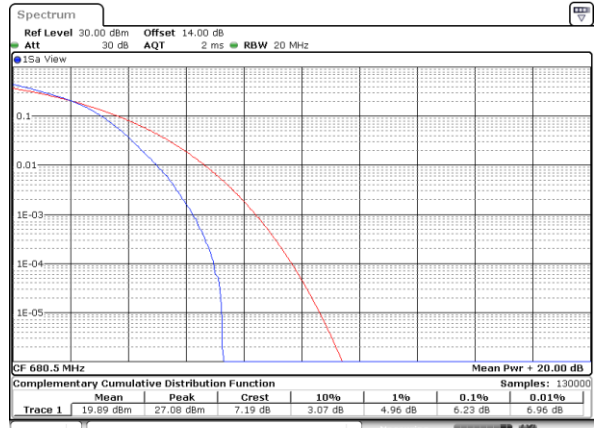
Date: 14.OCT.2021 08:28:59

Middle Channel / 1RB



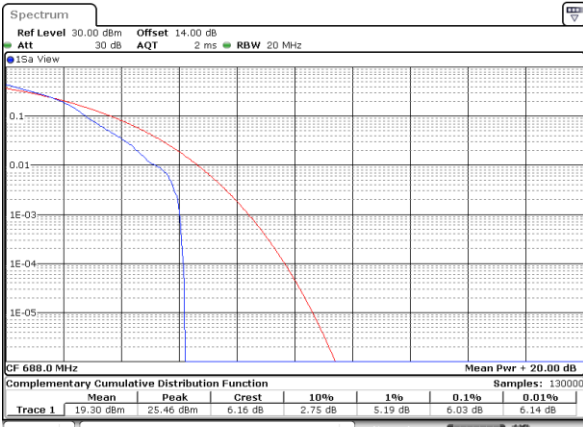
Date: 14.OCT.2021 08:29:25

Middle Channel / Full RB



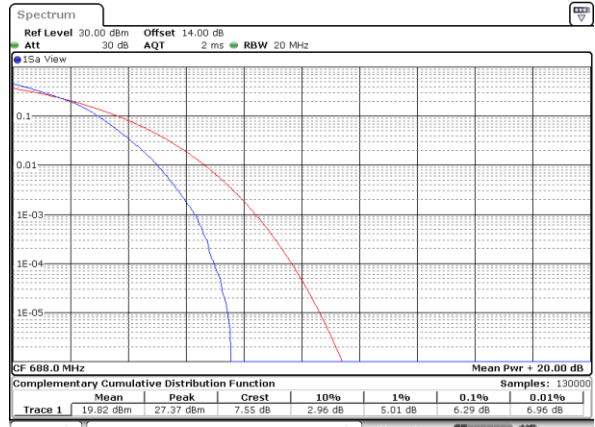
Date: 14.OCT.2021 08:29:52

Highest Channel / 1RB



Date: 14.OCT.2021 08:30:18

Highest Channel / Full RB

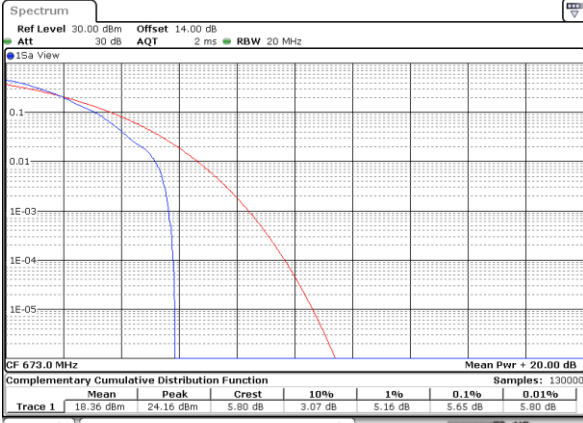


Date: 14.OCT.2021 08:30:45



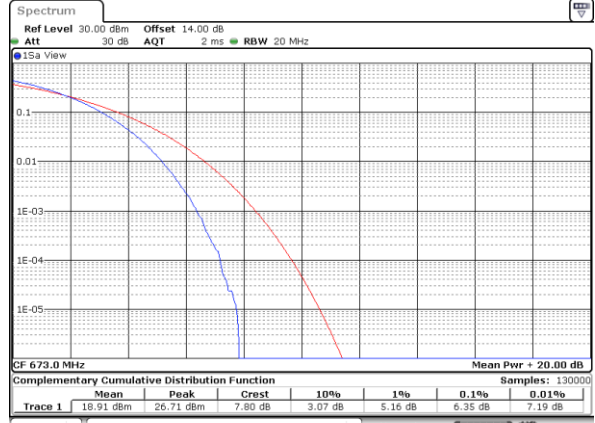
LTE Band 71 / 20MHz / 64QAM

Lowest Channel / 1RB



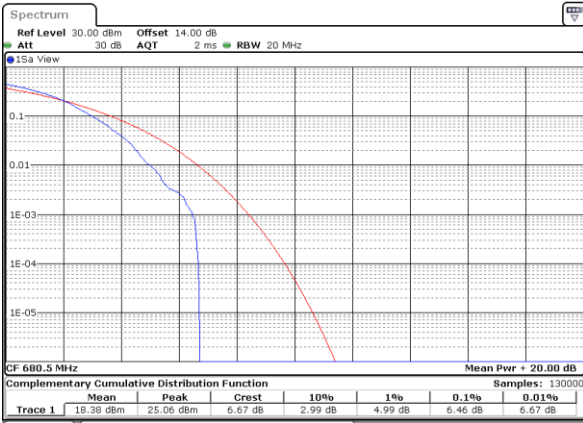
Date: 14.OCT.2021 08:33:51

Lowest Channel / Full RB



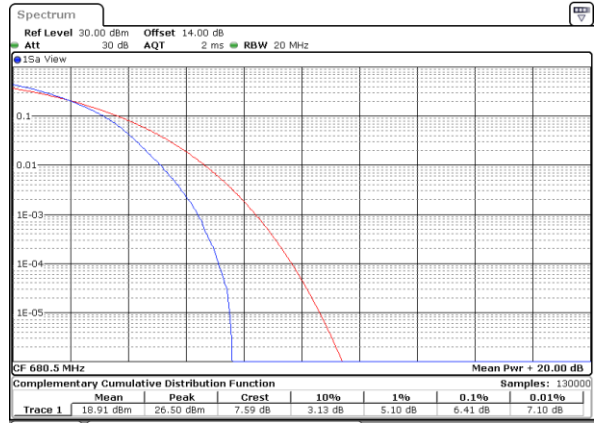
Date: 14.OCT.2021 08:34:18

Middle Channel / 1RB



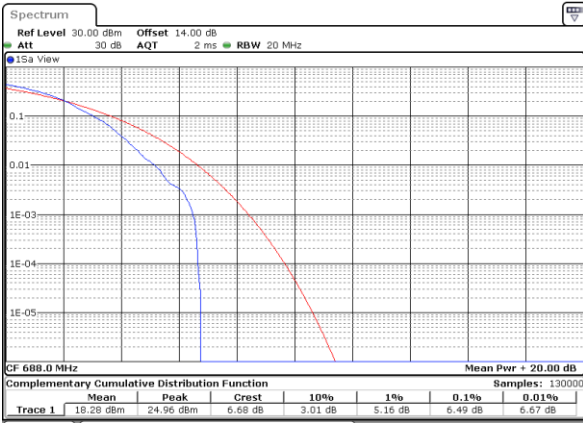
Date: 14.OCT.2021 08:34:45

Middle Channel / Full RB



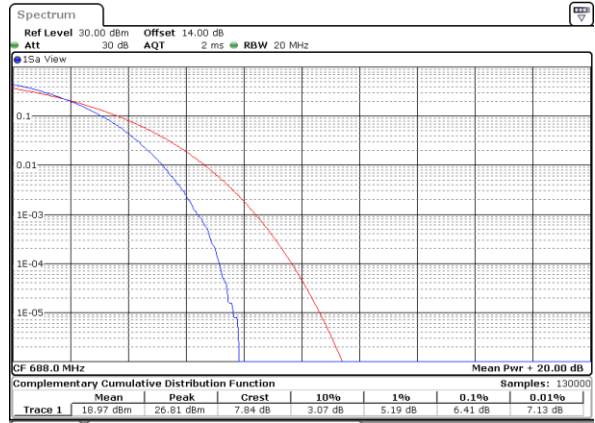
Date: 14.OCT.2021 08:35:10

Highest Channel / 1RB



Date: 14.OCT.2021 08:35:37

Highest Channel / Full RB



Date: 14.OCT.2021 08:36:04



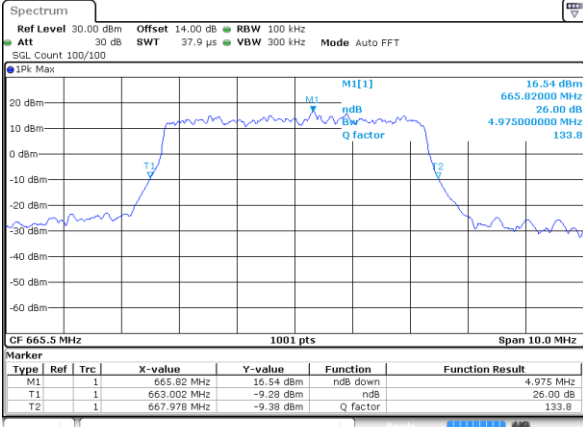
26dB Bandwidth

Mode	LTE Band 71 : 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	-	-	-	-	4.98	4.97	9.87	10.19	14.42	14.39	18.70	18.98
Middle CH	-	-	-	-	5.08	5.06	10.15	9.81	14.66	14.54	19.14	18.86
Highest CH	-	-	-	-	5.14	5.05	9.89	9.83	14.36	14.66	19.10	19.18
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	5.03	-	10.11	-	14.66	-	18.70	-
Middle CH	-	-	-	-	5.00	-	10.09	-	14.33	-	19.14	-
Highest CH	-	-	-	-	5.04	-	10.27	-	14.42	-	18.70	-



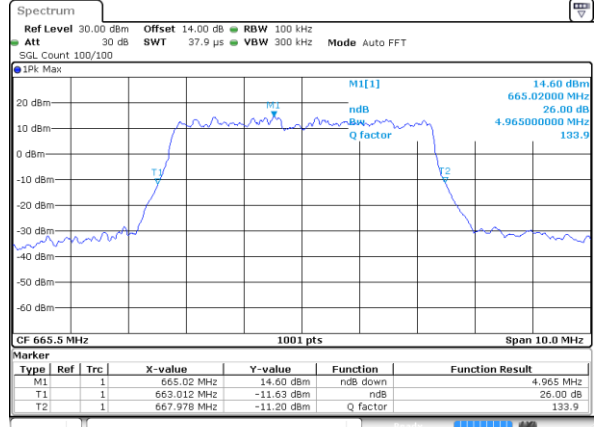
LTE Band 71

Lowest Channel / 5MHz / QPSK



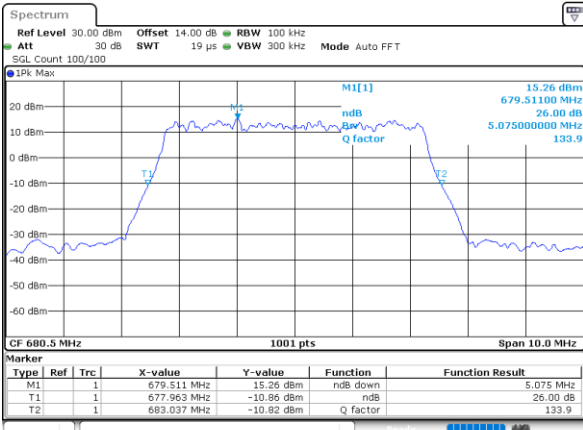
Date: 13.OCT.2021 17:56:01

Lowest Channel / 5MHz / 16QAM



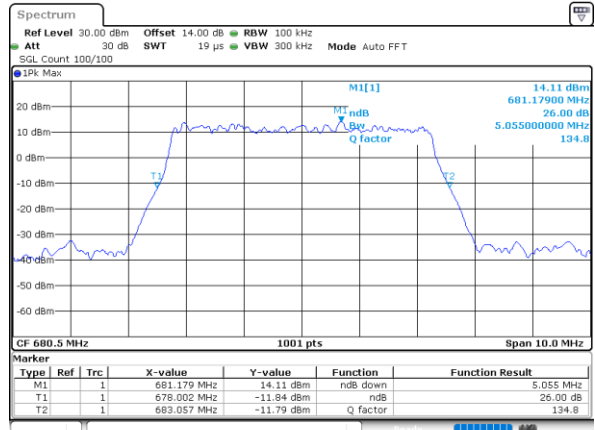
Date: 13.OCT.2021 17:56:25

Middle Channel / 5MHz / QPSK



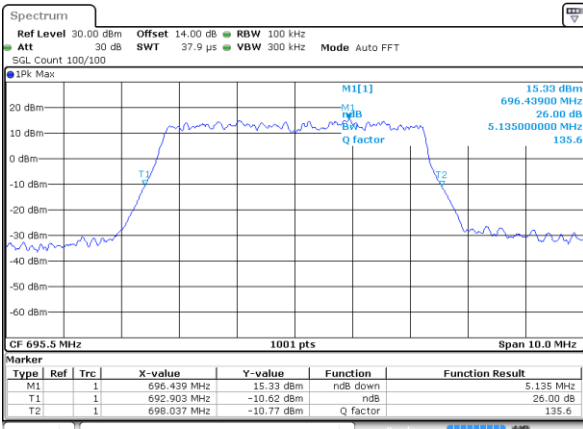
Date: 14.OCT.2021 08:38:59

Middle Channel / 5MHz / 16QAM



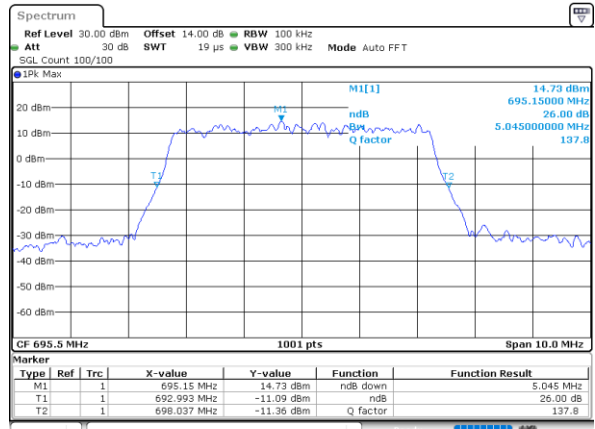
Date: 14.OCT.2021 08:38:18

Highest Channel / 5MHz / QPSK



Date: 13.OCT.2021 18:07:45

Highest Channel / 5MHz / 16QAM

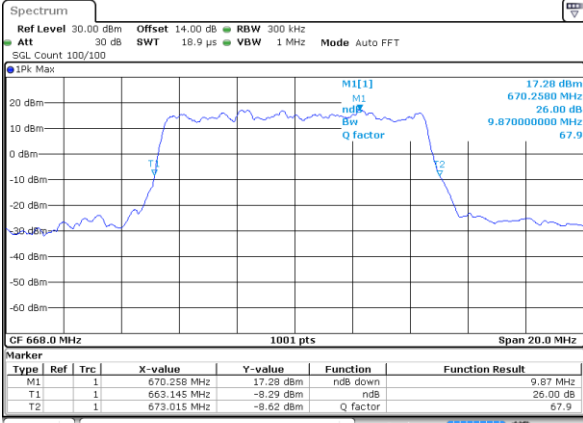


Date: 14.OCT.2021 08:39:53



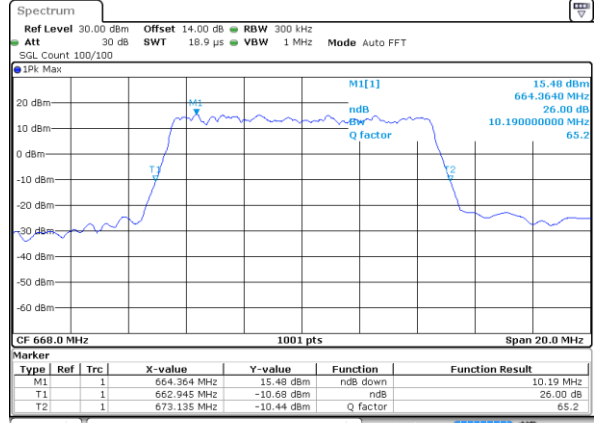
LTE Band 71

Lowest Channel / 10MHz / QPSK



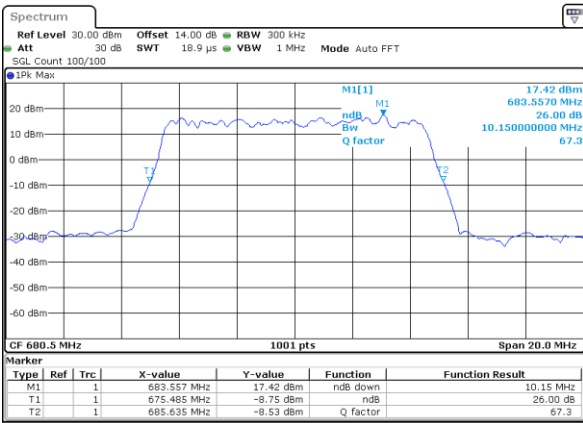
Date: 13.OCT.2021 18:23:56

Lowest Channel / 10MHz / 16QAM



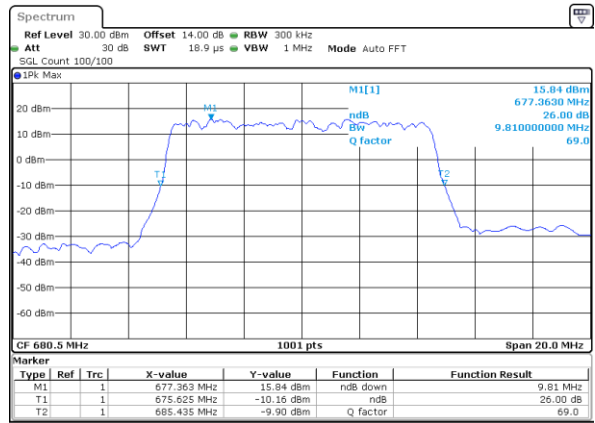
Date: 13.OCT.2021 18:24:20

Middle Channel / 10MHz / QPSK



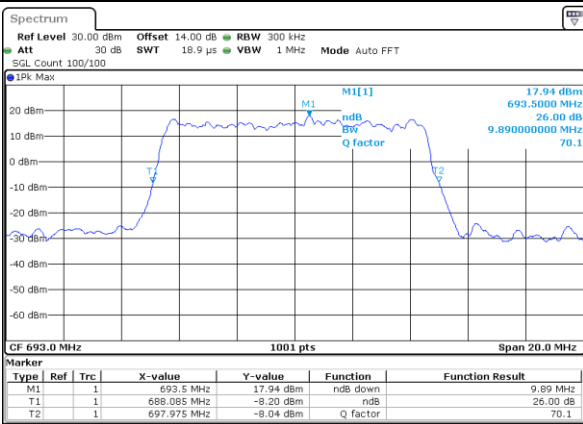
Date: 13.OCT.2021 18:31:11

Middle Channel / 10MHz / 16QAM



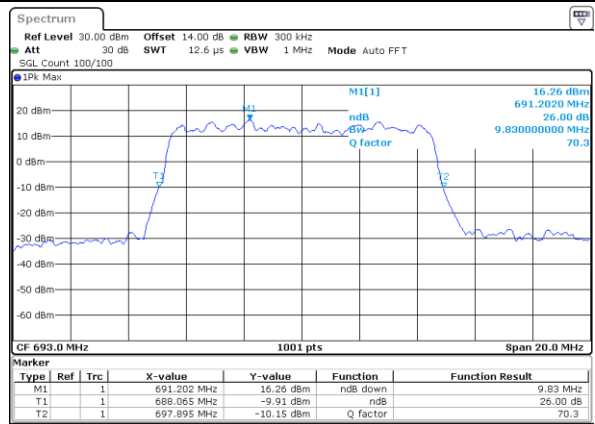
Date: 13.OCT.2021 18:31:35

Highest Channel / 10MHz / QPSK



Date: 13.OCT.2021 18:34:52

Highest Channel / 10MHz / 16QAM

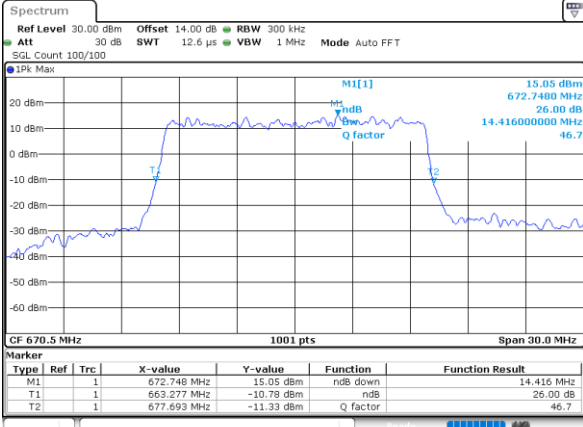


Date: 14.OCT.2021 09:23:22



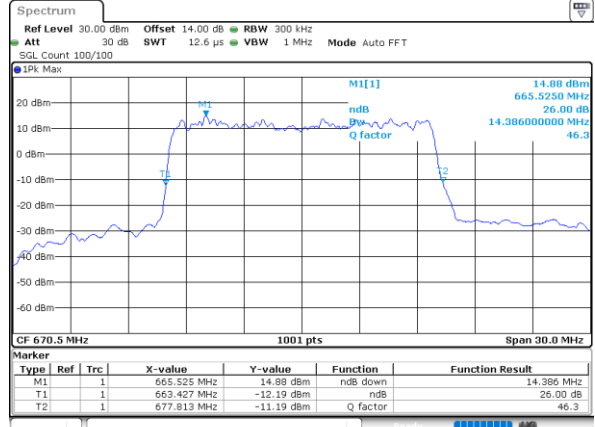
LTE Band 71

Lowest Channel / 15MHz / QPSK



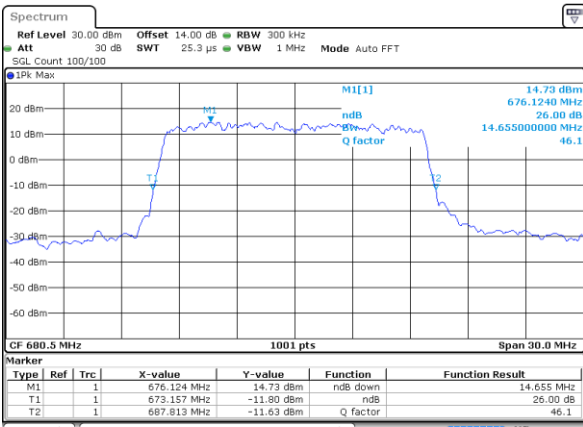
Date: 14.OCT.2021 09:31:23

Lowest Channel / 15MHz / 16QAM



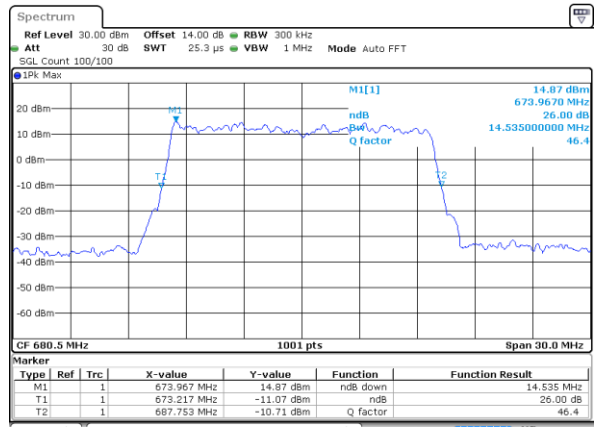
Date: 14.OCT.2021 09:12:42

Middle Channel / 15MHz / QPSK



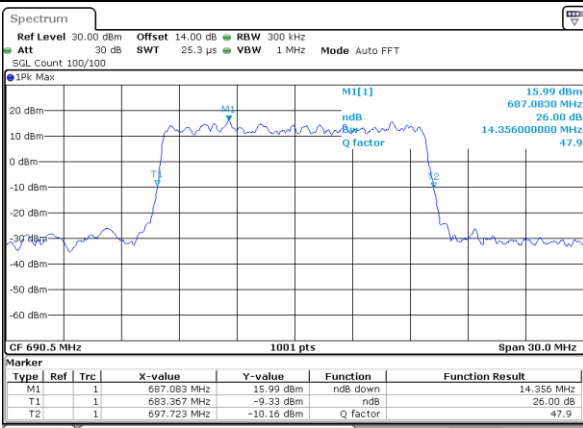
Date: 13.OCT.2021 18:58:07

Middle Channel / 15MHz / 16QAM



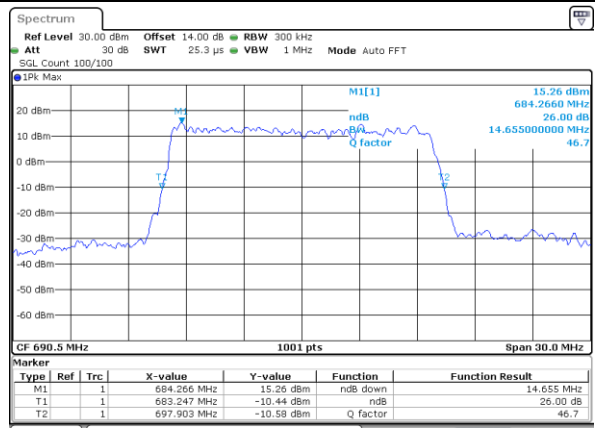
Date: 13.OCT.2021 18:58:31

Highest Channel / 15MHz / QPSK



Date: 13.OCT.2021 19:01:49

Highest Channel / 15MHz / 16QAM

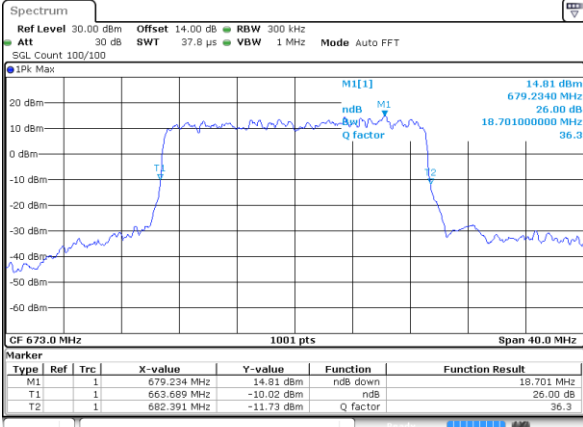


Date: 13.OCT.2021 19:02:14



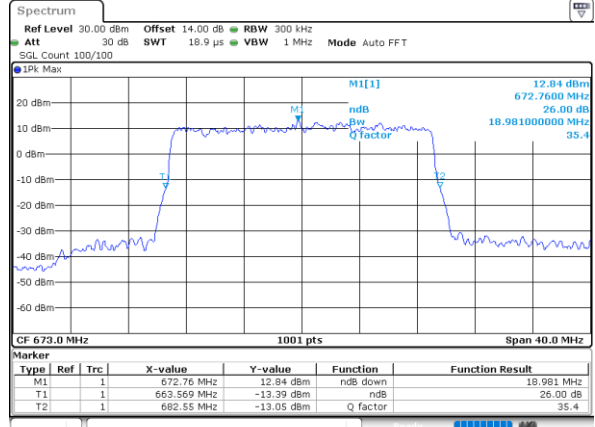
LTE Band 71

Lowest Channel / 20MHz / QPSK



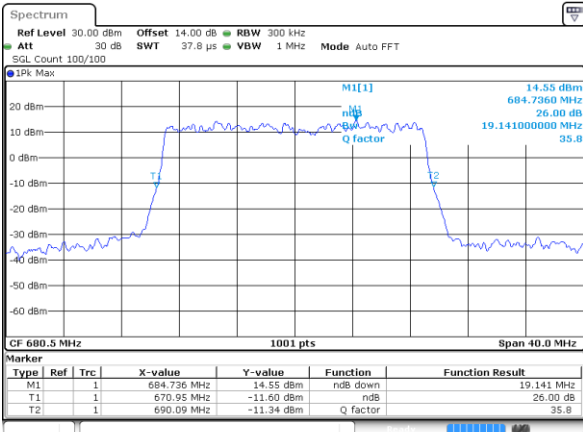
Date: 13.OCT.2021 19:17:47

Lowest Channel / 20MHz / 16QAM



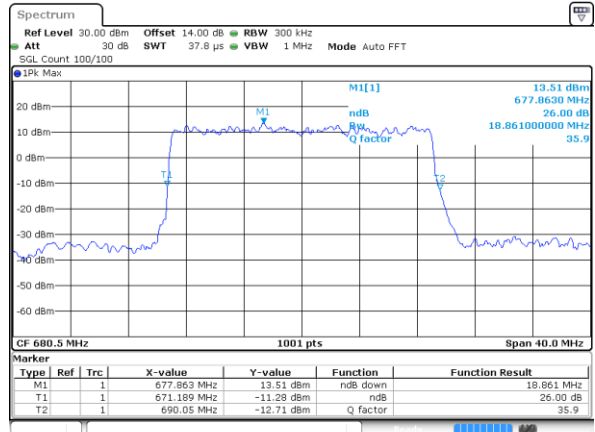
Date: 14.OCT.2021 09:52:17

Middle Channel / 20MHz / QPSK



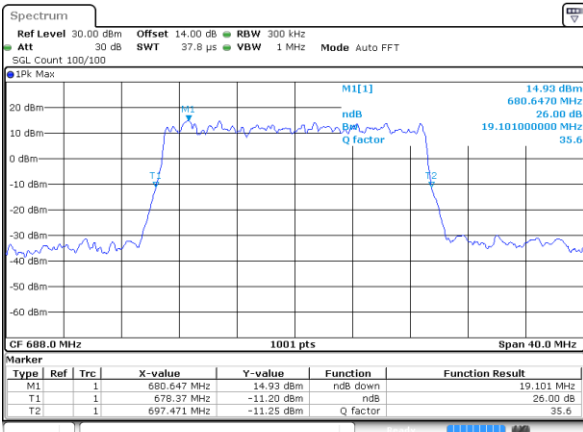
Date: 13.OCT.2021 19:25:04

Middle Channel / 20MHz / 16QAM



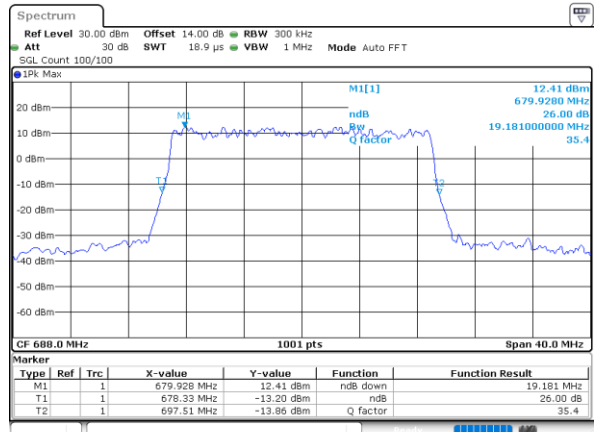
Date: 13.OCT.2021 19:25:28

Highest Channel / 20MHz / QPSK



Date: 13.OCT.2021 20:18:37

Highest Channel / 20MHz / 16QAM

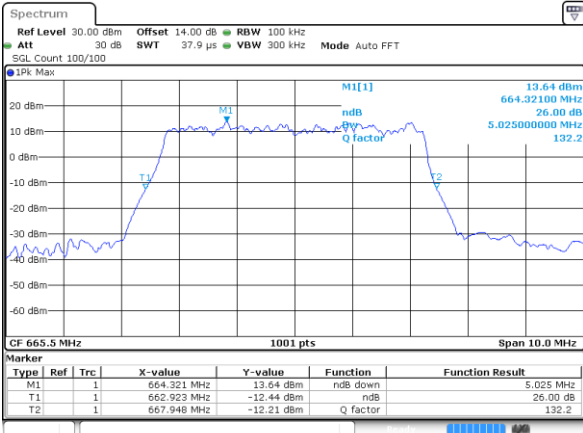


Date: 14.OCT.2021 09:53:35



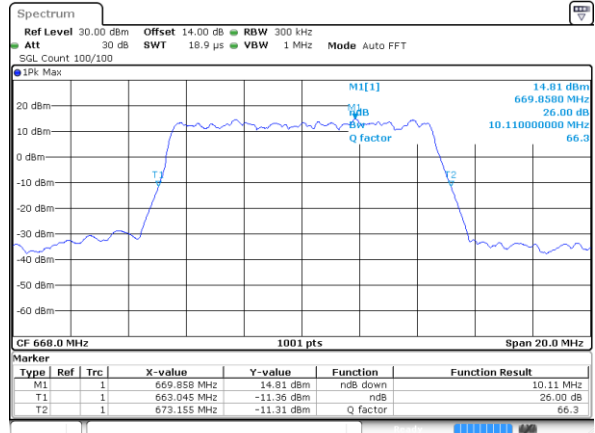
LTE Band 71

Lowest Channel / 5MHz / 64QAM



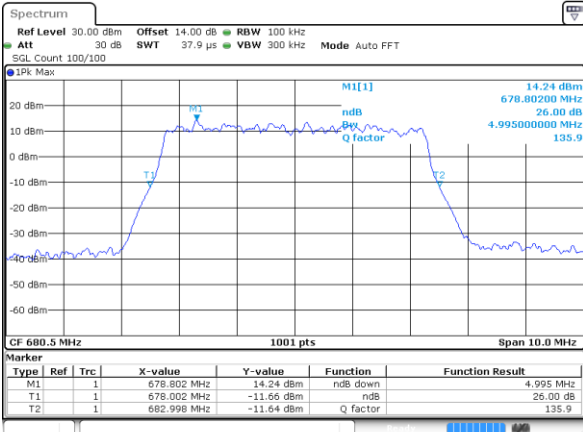
Date: 13.OCT.2021 18:14:36

Lowest Channel / 10MHz / 64QAM



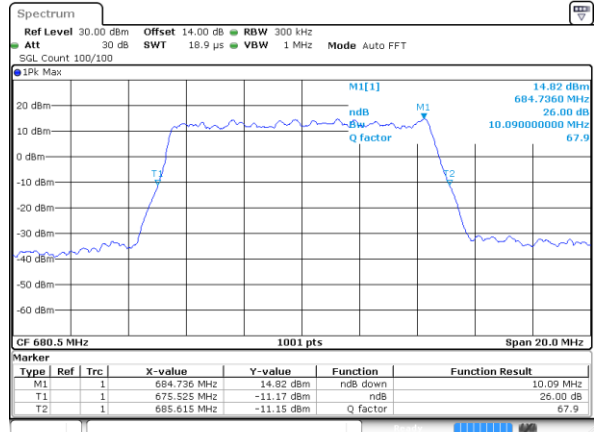
Date: 13.OCT.2021 18:41:37

Middle Channel / 5MHz / 64QAM



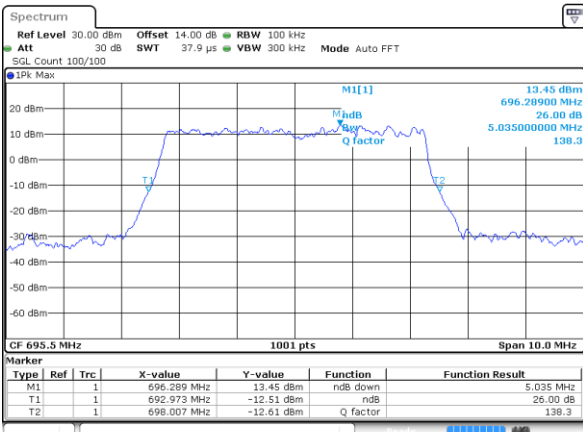
Date: 13.OCT.2021 18:18:07

Middle Channel / 10MHz / 64QAM



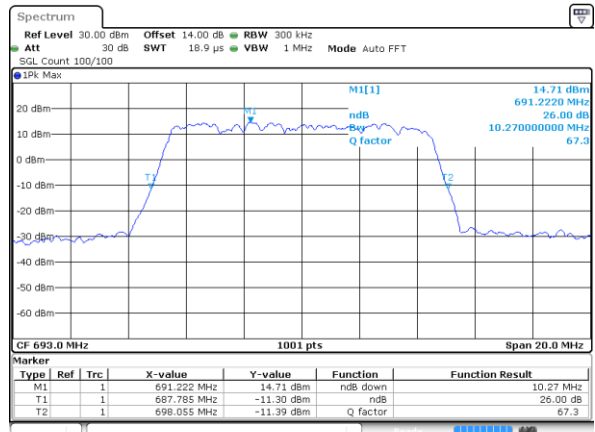
Date: 13.OCT.2021 18:45:05

Highest Channel / 5MHz / 64QAM



Date: 13.OCT.2021 18:19:48

Highest Channel / 10MHz / 64QAM

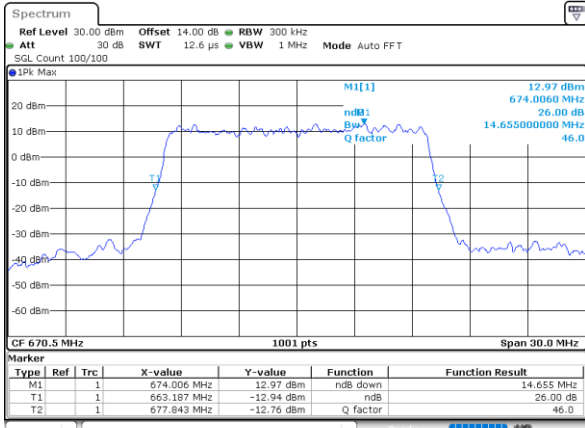


Date: 13.OCT.2021 18:46:46



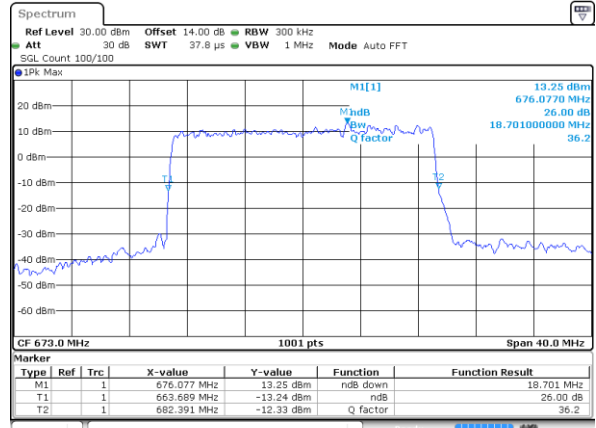
LTE Band 71

Lowest Channel / 15MHz / 64QAM



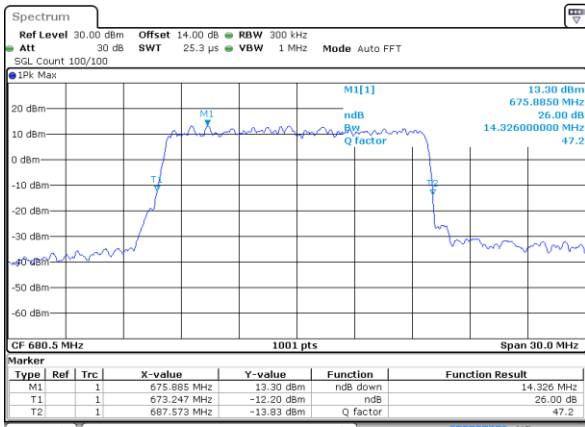
Date: 14.OCT.2021 09:30:21

Lowest Channel / 20MHz / 64QAM



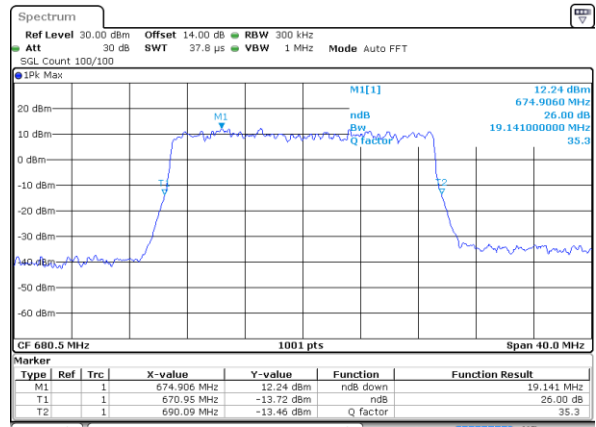
Date: 13.OCT.2021 20:25:21

Middle Channel / 15MHz / 64QAM



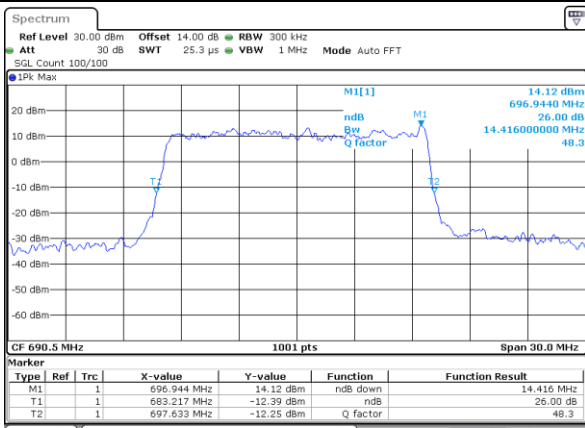
Date: 13.OCT.2021 19:12:03

Middle Channel / 20MHz / 64QAM



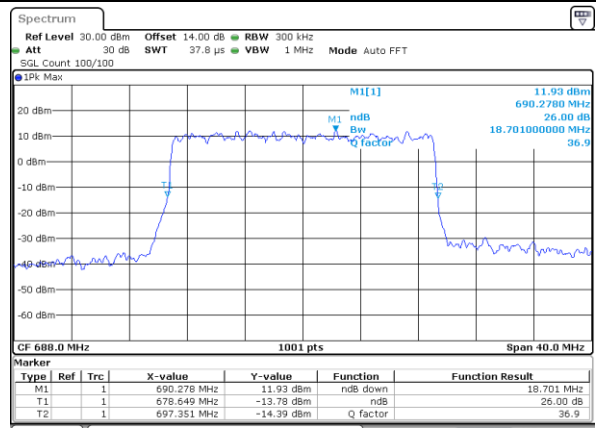
Date: 13.OCT.2021 20:28:50

Highest Channel / 15MHz / 64QAM



Date: 13.OCT.2021 19:13:44

Highest Channel / 20MHz / 64QAM



Date: 13.OCT.2021 20:30:31



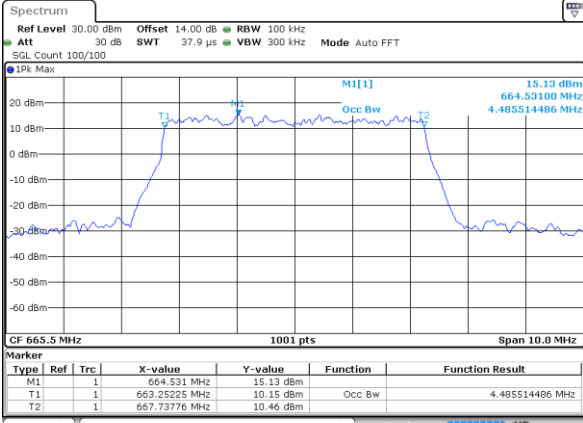
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.03	9.05	13.52	13.46	17.86	17.90
Middle CH	-	-	-	-	4.50	4.50	9.01	9.07	13.46	13.46	17.90	17.82
Highest CH	-	-	-	-	4.50	4.50	9.03	9.03	13.46	13.49	17.90	17.98
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	9.03	-	13.46	-	17.90	-
Middle CH	-	-	-	-	4.51	-	9.05	-	13.46	-	17.94	-
Highest CH	-	-	-	-	4.53	-	9.07	-	13.43	-	17.90	-



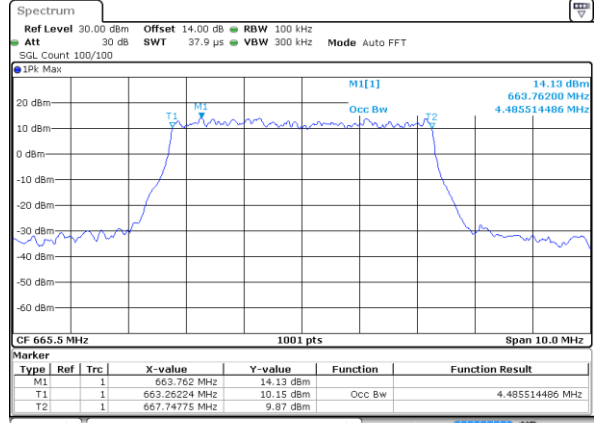
LTE Band 71

Lowest Channel / 5MHz / QPSK



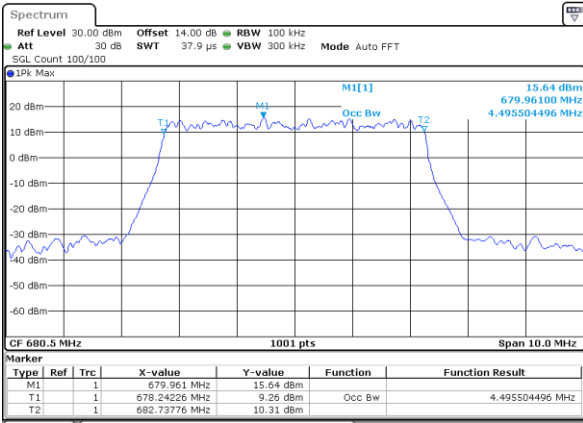
Date: 13.OCT.2021 17:55:08

Lowest Channel / 5MHz / 16QAM



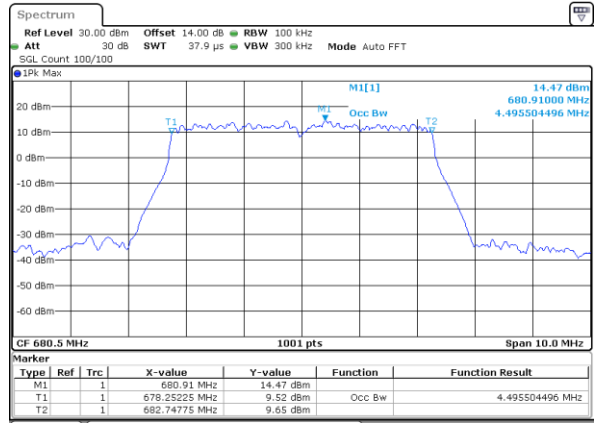
Date: 13.OCT.2021 17:55:37

Middle Channel / 5MHz / QPSK



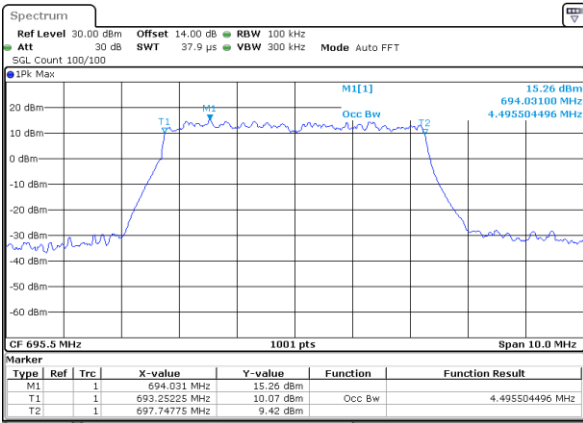
Date: 13.OCT.2021 18:02:32

Middle Channel / 5MHz / 16QAM



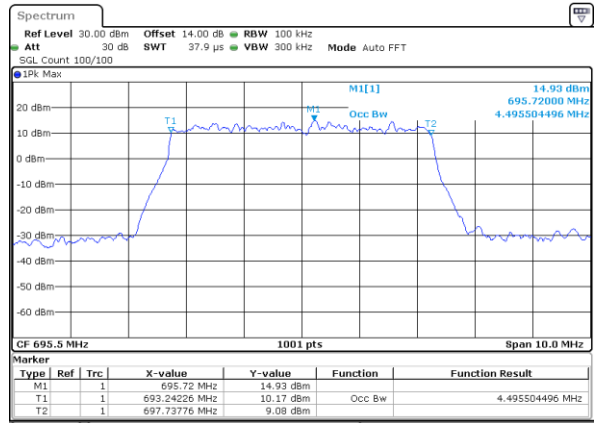
Date: 13.OCT.2021 18:03:40

Highest Channel / 5MHz / QPSK



Date: 13.OCT.2021 18:06:56

Highest Channel / 5MHz / 16QAM

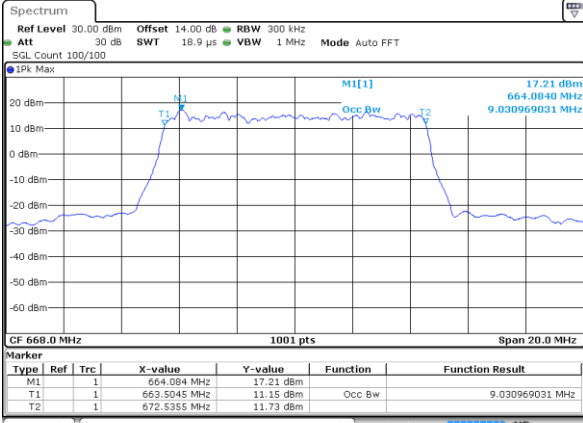


Date: 13.OCT.2021 18:07:21



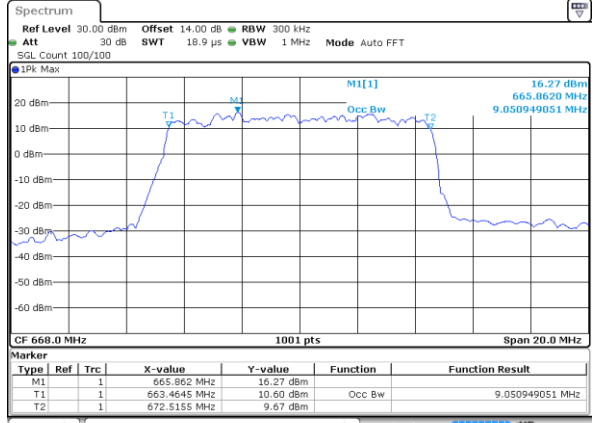
LTE Band 71

Lowest Channel / 10MHz / QPSK



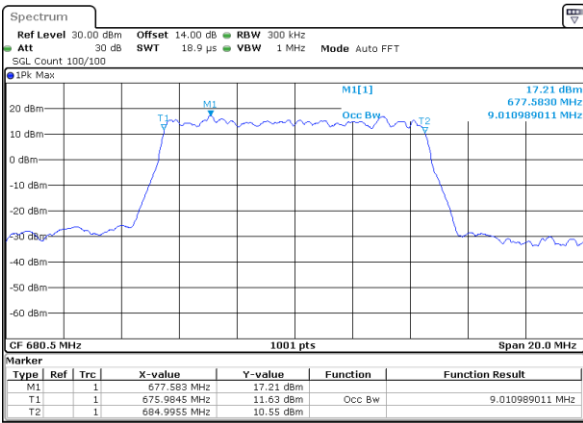
Date: 13.OCT.2021 18:23:07

Lowest Channel / 10MHz / 16QAM



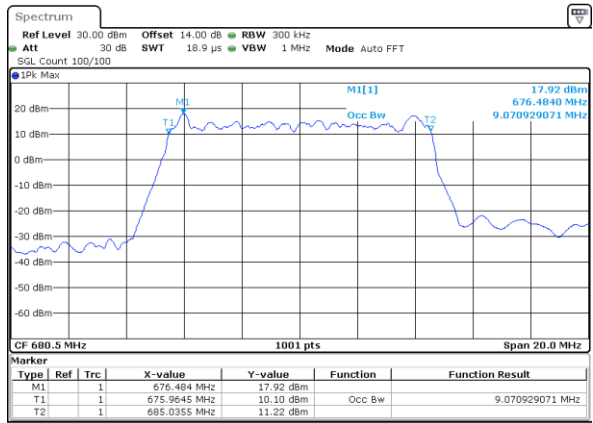
Date: 13.OCT.2021 18:23:31

Middle Channel / 10MHz / QPSK



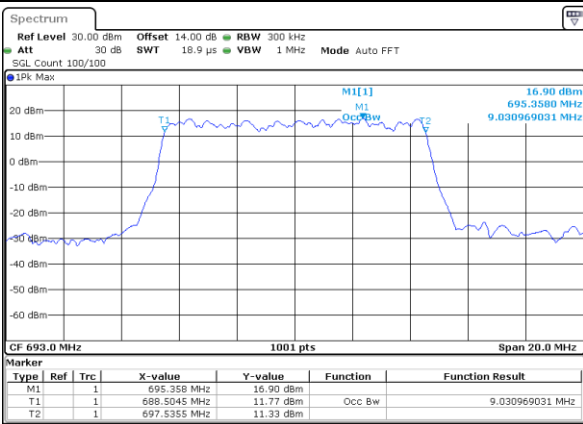
Date: 13.OCT.2021 18:30:24

Middle Channel / 10MHz / 16QAM



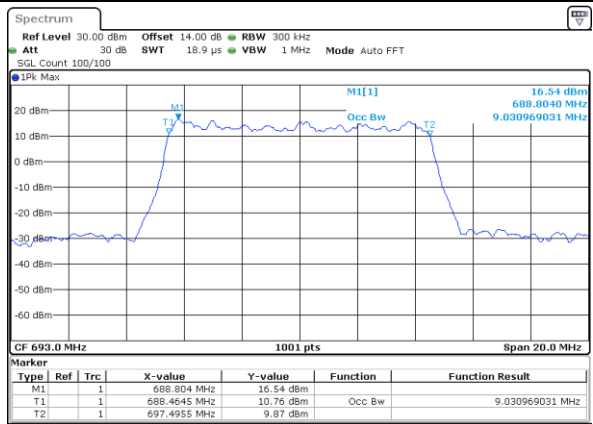
Date: 13.OCT.2021 18:30:47

Highest Channel / 10MHz / QPSK



Date: 13.OCT.2021 18:34:04

Highest Channel / 10MHz / 16QAM



Date: 13.OCT.2021 18:34:28