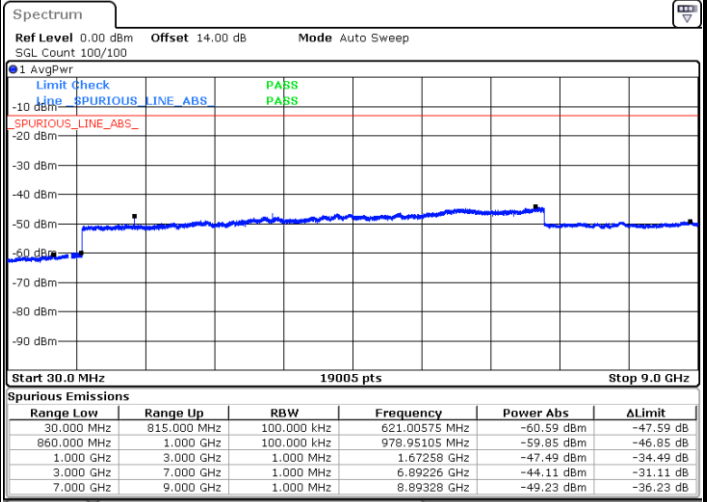
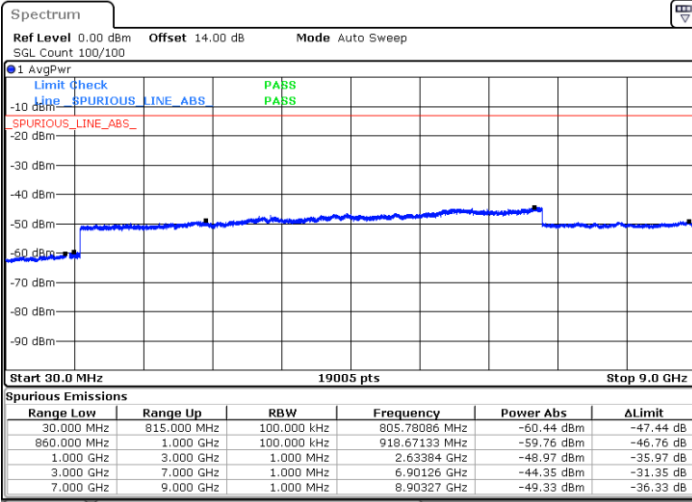




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

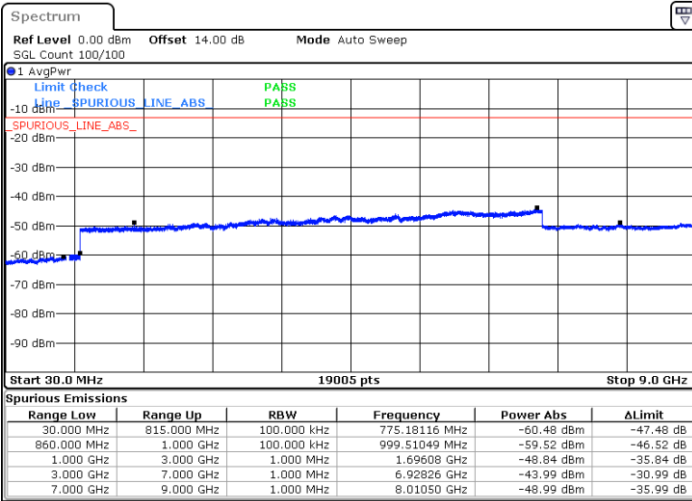
Middle Channel / 64QAM



Date: 11.FEB.2021 11:27:23

Date: 11.FEB.2021 11:43:50

Highest Channel / 64QAM



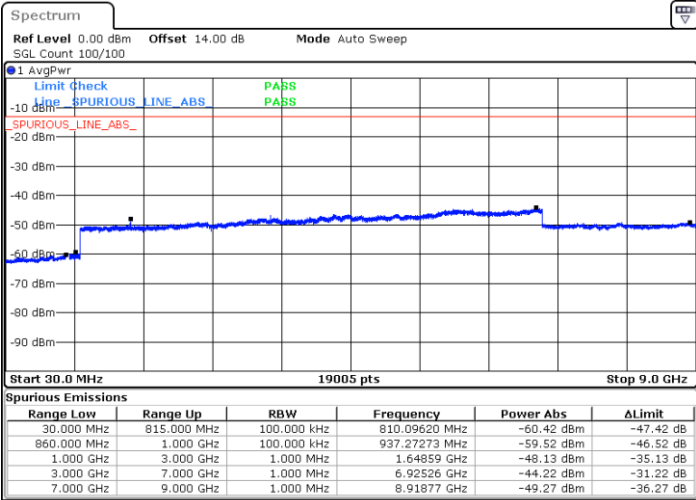
Date: 11.FEB.2021 12:19:27



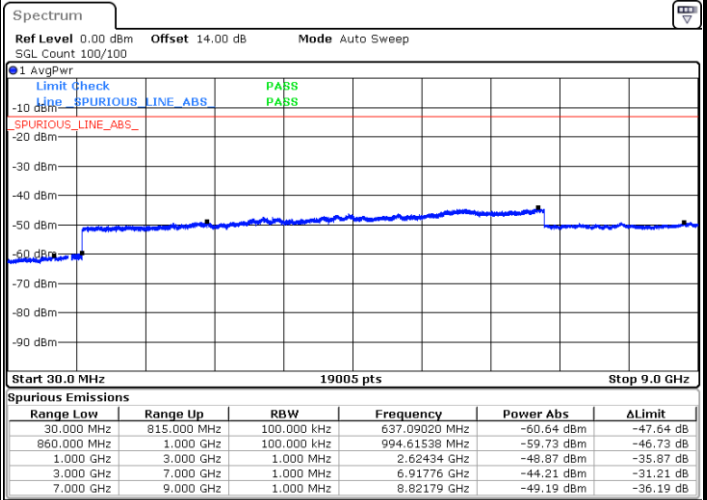
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

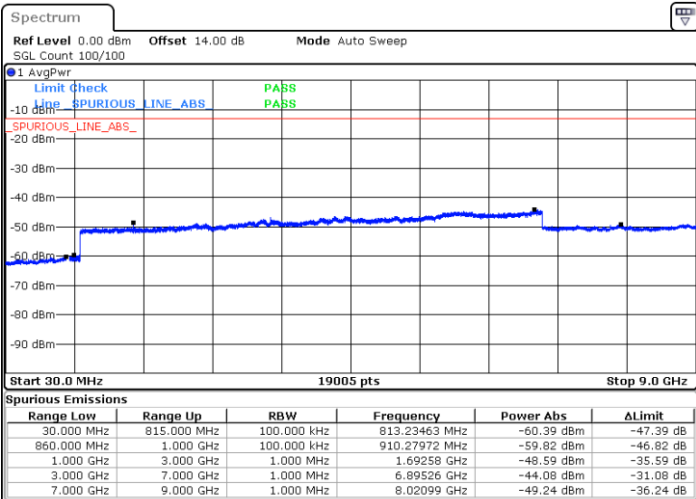


Date: 11.FEB.2021 12:47:43



Date: 11.FEB.2021 13:05:53

Highest Channel / 64QAM



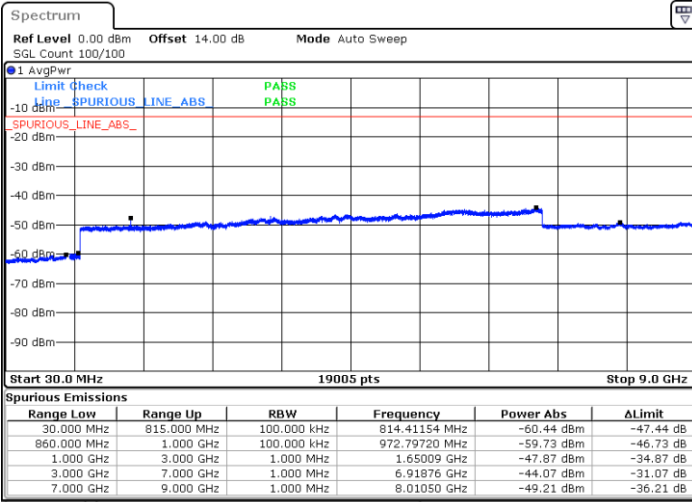
Date: 11.FEB.2021 13:23:21



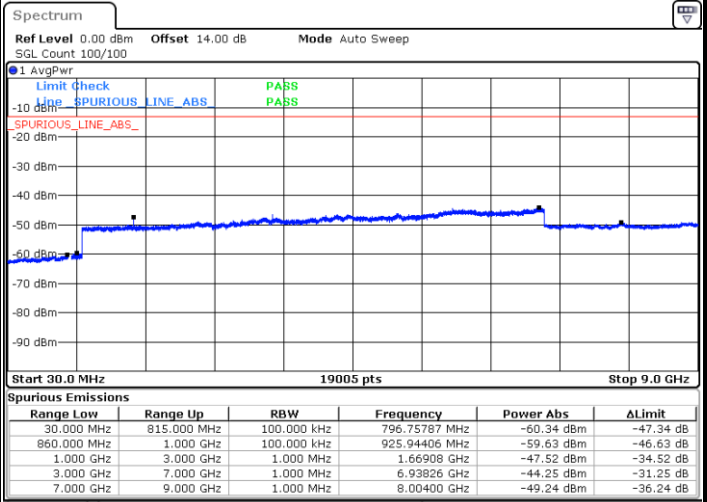
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

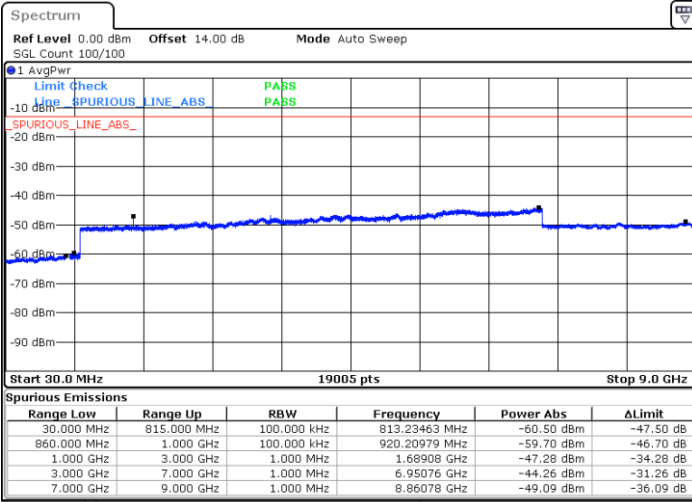


Date: 11.FEB.2021 13:46:00



Date: 11.FEB.2021 13:57:54

Highest Channel / 64QAM



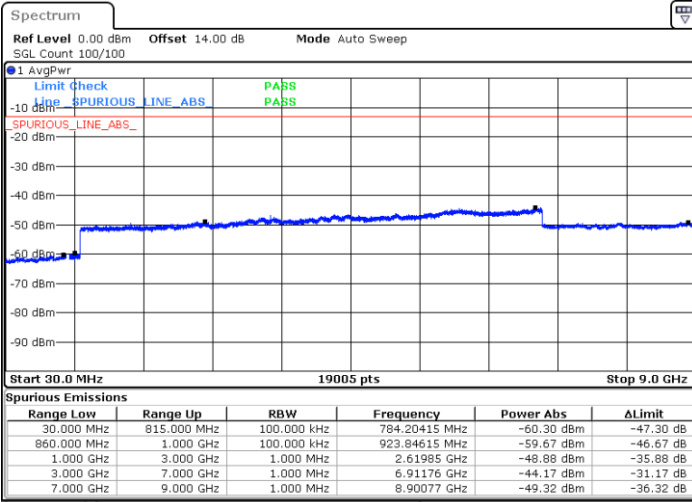
Date: 11.FEB.2021 14:27:42



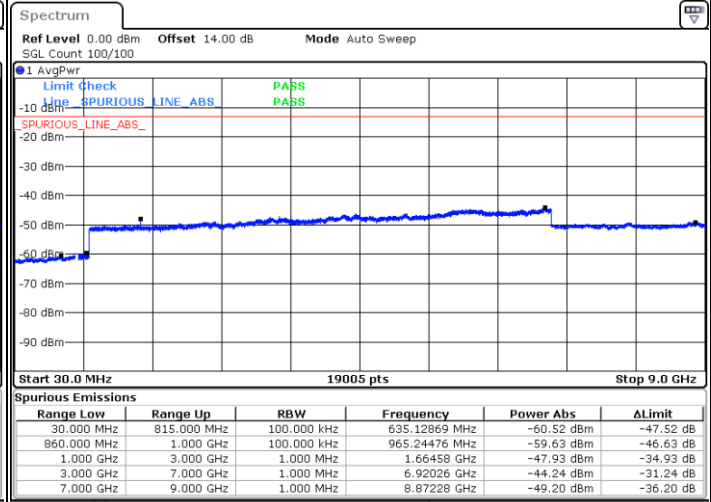
LTE Band 26 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

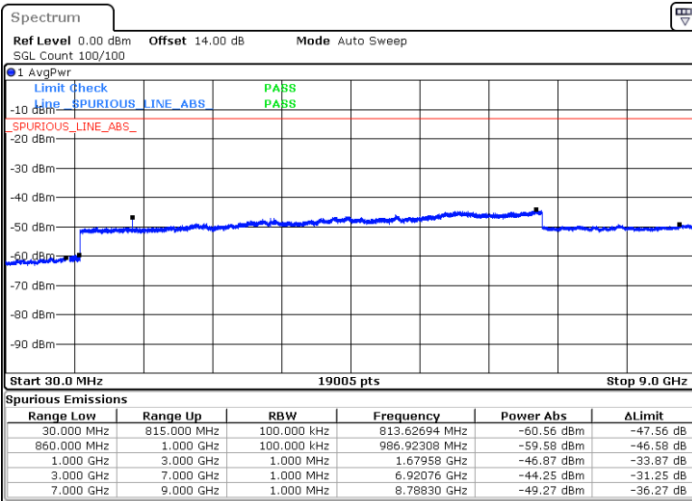


Date: 11.FEB.2021 15:12:15



Date: 11.FEB.2021 15:34:14

Highest Channel / 64QAM



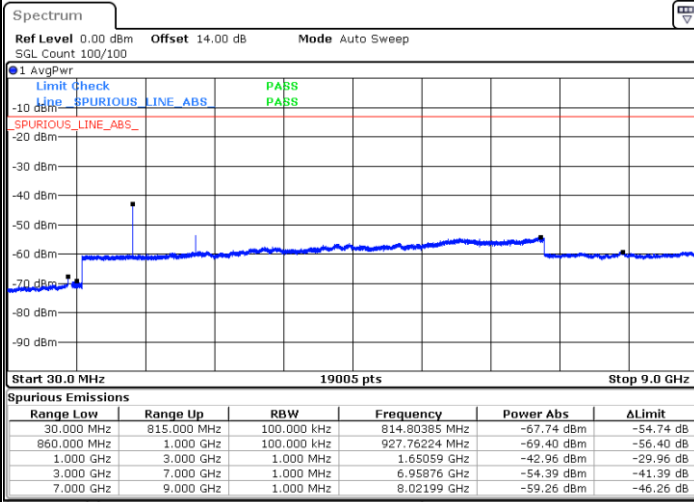
Date: 11.FEB.2021 15:50:16



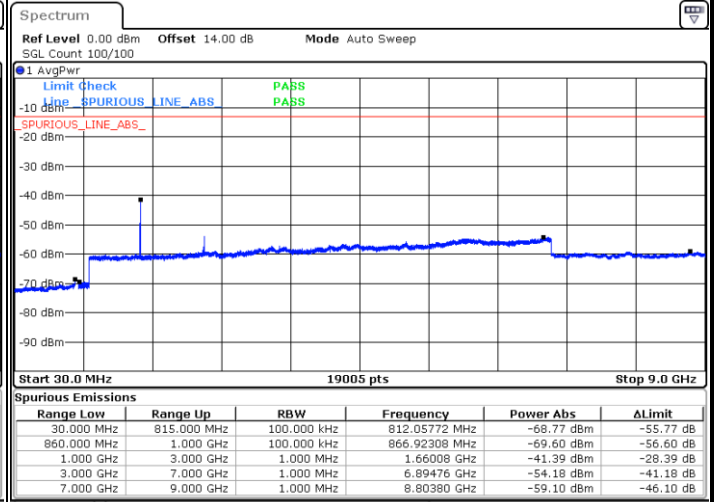
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

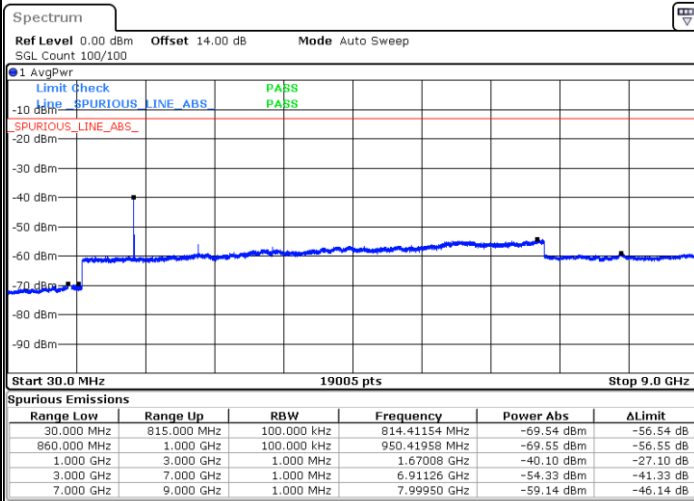


Date: 11.FEB.2021 16:04:15



Date: 11.FEB.2021 16:17:26

Highest Channel / 64QAM

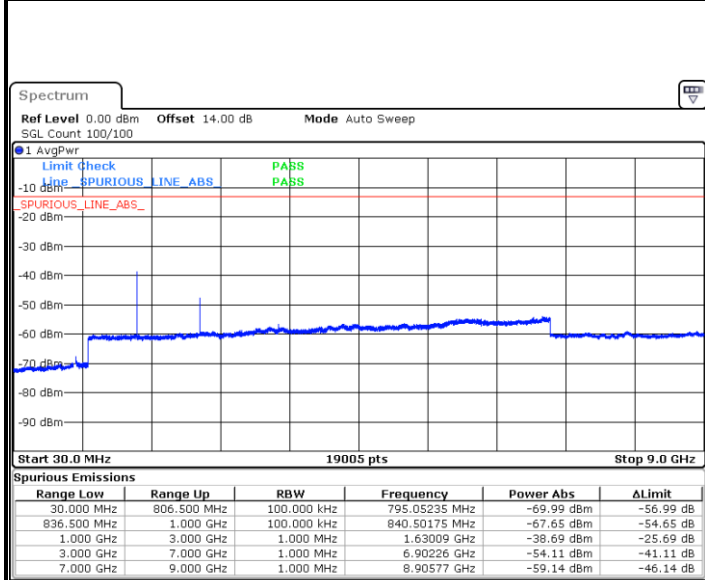


Date: 11.FEB.2021 16:27:50



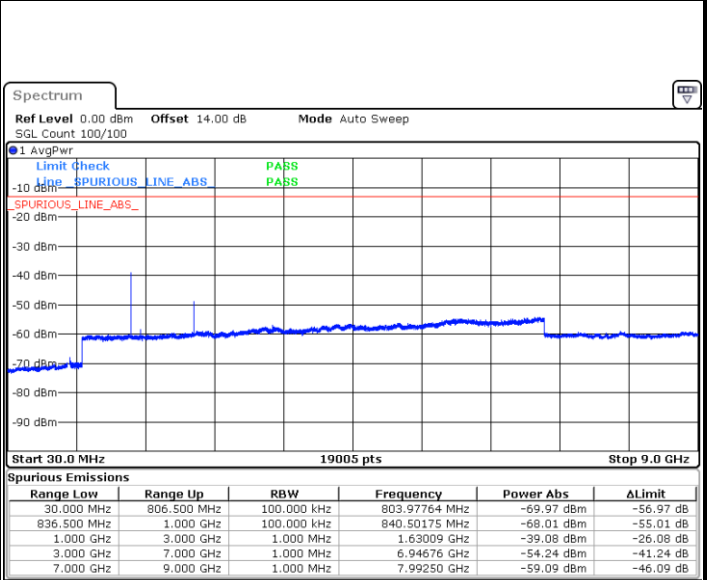
LTE Band 26 / 15MHz

CH26765 / QPSK



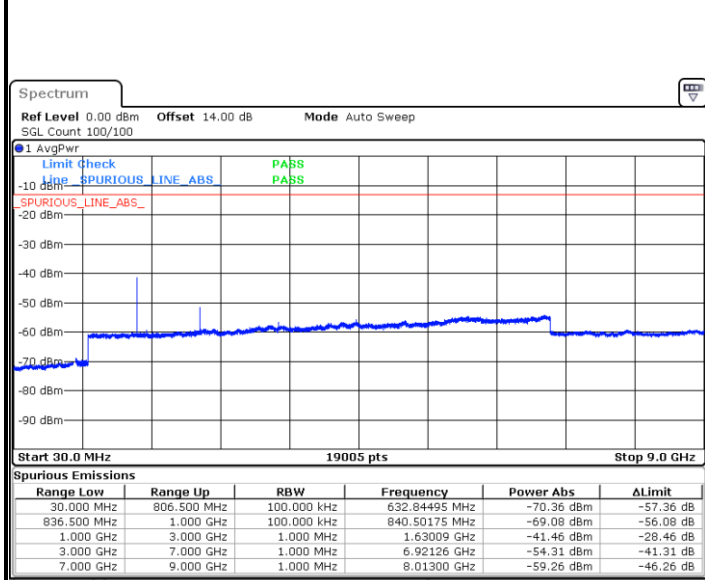
Date: 11.FEB.2021 10:14:29

CH26765 / 16QAM



Date: 11.FEB.2021 10:15:23

CH26765 / 64QAM



Date: 11.FEB.2021 10:21:27



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0026	

Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.



LTE Band 71

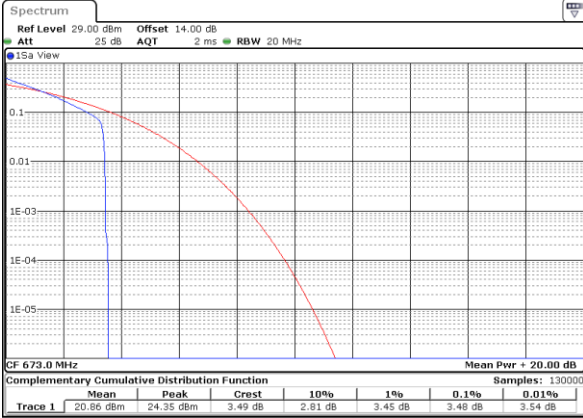
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.96	5.16	6.00	PASS
Middle CH	3.77	5.10	5.71	6.12	
Highest CH	3.71	5.07	5.01	6.12	
Mode	LTE Band 71 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.17	6.58	-	-	PASS
Middle CH	6.49	6.67	-	-	
Highest CH	6.99	6.67	-	-	



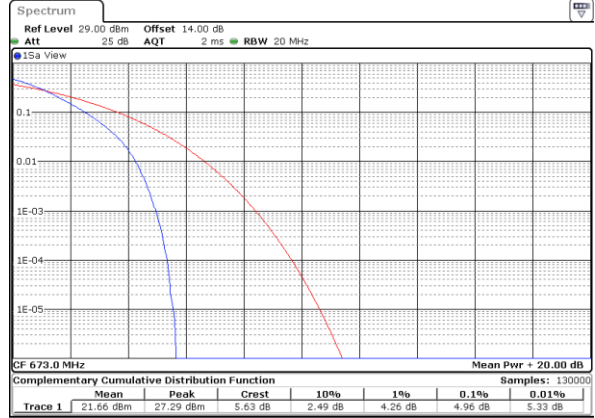
LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



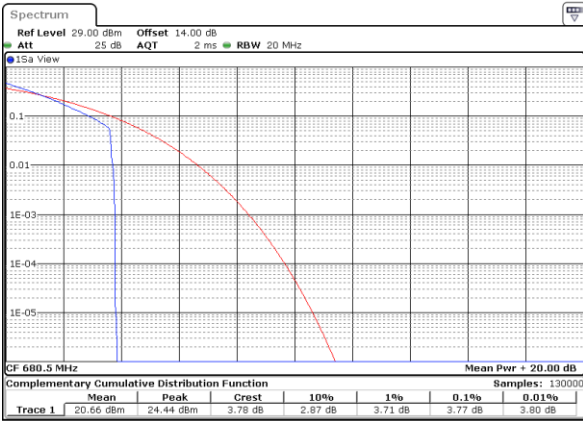
Date: 18.FEB.2021 19:11:07

Lowest Channel / Full RB



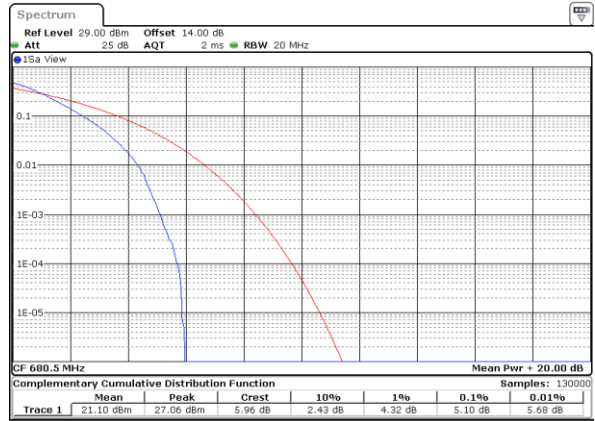
Date: 18.FEB.2021 19:07:51

Middle Channel / 1RB



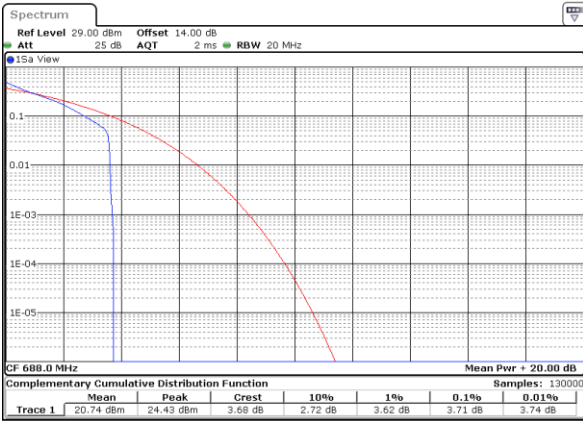
Date: 18.FEB.2021 19:28:32

Middle Channel / Full RB



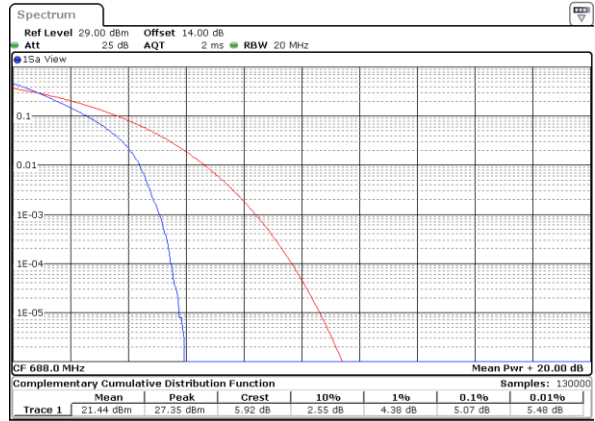
Date: 18.FEB.2021 19:29:52

Highest Channel / 1RB



Date: 18.FEB.2021 19:42:42

Highest Channel / Full RB

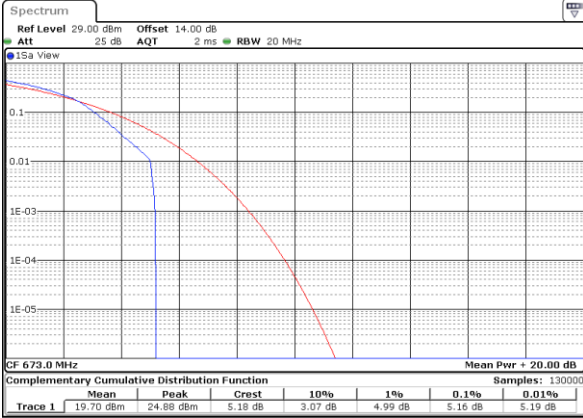


Date: 18.FEB.2021 19:36:18



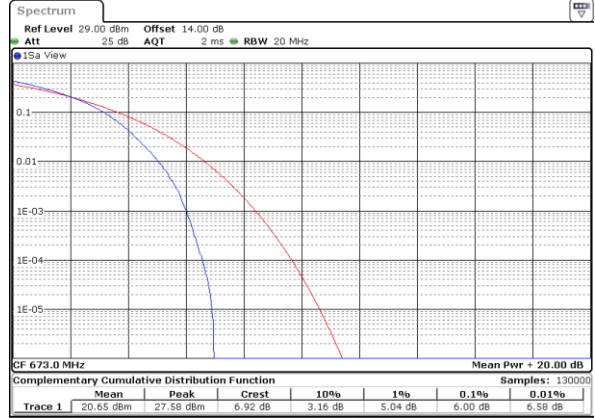
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 18.FEB.2021 19:11:21

Lowest Channel / Full RB



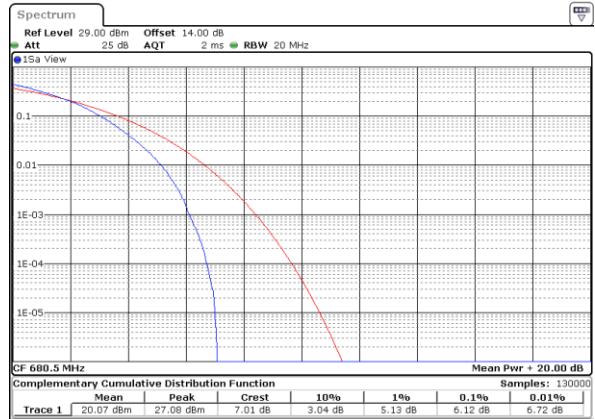
Date: 18.FEB.2021 19:07:24

Middle Channel / 1RB



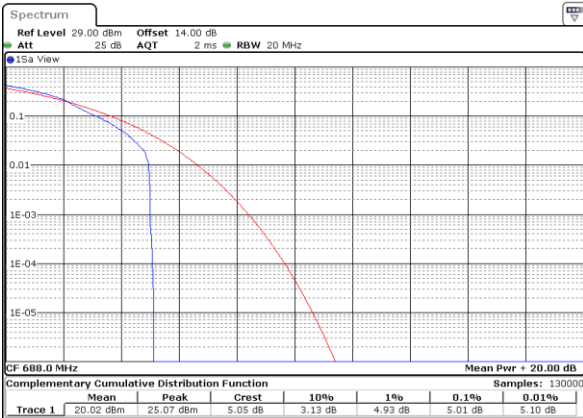
Date: 18.FEB.2021 19:27:06

Middle Channel / Full RB



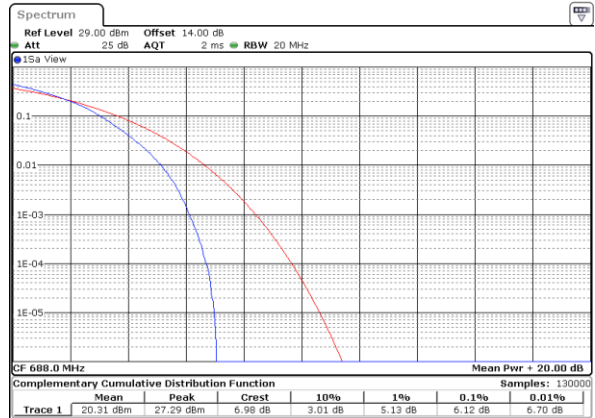
Date: 18.FEB.2021 19:30:24

Highest Channel / 1RB



Date: 18.FEB.2021 20:00:28

Highest Channel / Full RB

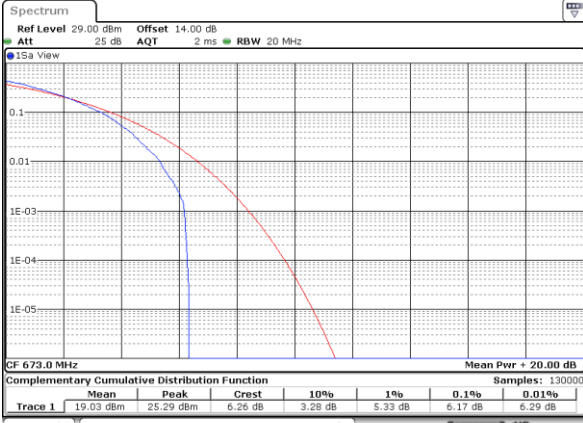


Date: 18.FEB.2021 19:34:43



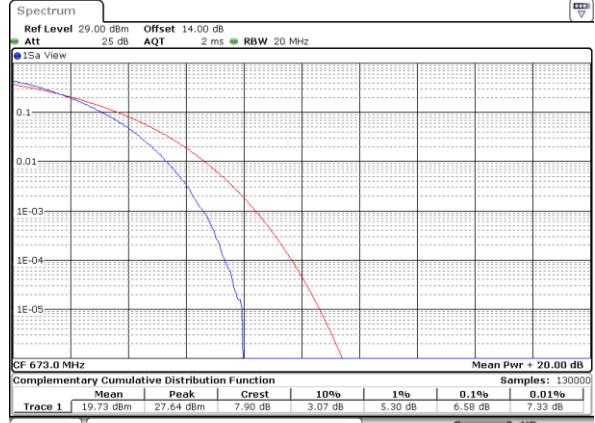
LTE Band 71 / 20MHz / 64QAM

Lowest Channel / 1RB



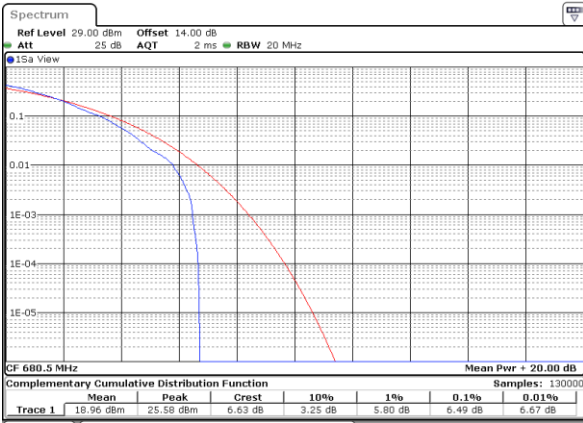
Date: 18.FEB.2021 19:14:27

Lowest Channel / Full RB



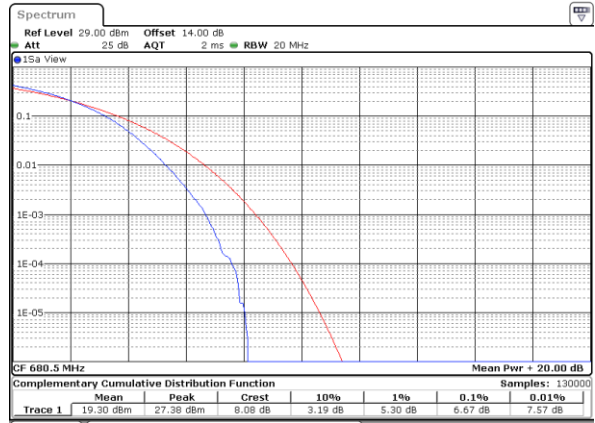
Date: 18.FEB.2021 19:07:41

Middle Channel / 1RB



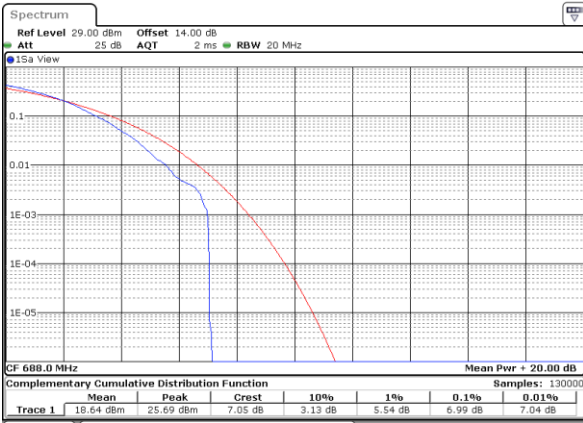
Date: 18.FEB.2021 19:17:29

Middle Channel / Full RB



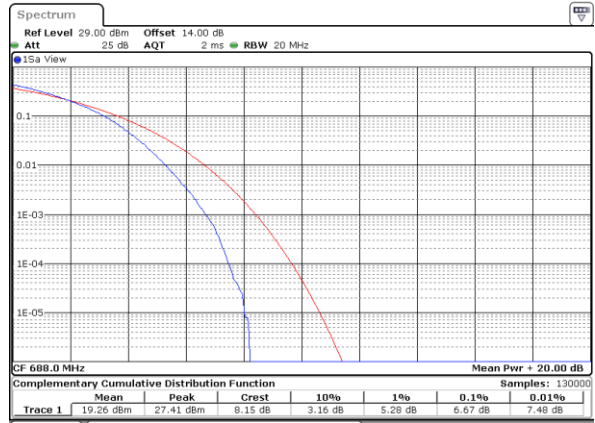
Date: 18.FEB.2021 19:10:49

Highest Channel / 1RB



Date: 18.FEB.2021 20:04:32

Highest Channel / Full RB



Date: 18.FEB.2021 19:13:51



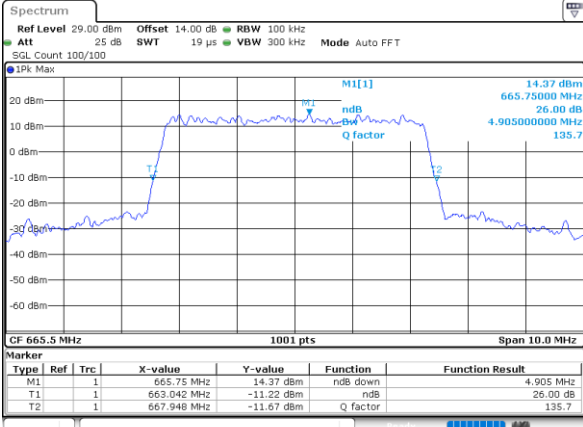
26dB Bandwidth

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	-	-	-	-	4.91	4.88	9.69	9.83	14.18	14.39	18.86	18.86
Middle CH	-	-	-	-	4.90	4.83	9.81	9.77	14.21	14.15	18.98	19.10
Highest CH	-	-	-	-	4.92	4.92	9.71	9.71	14.51	14.63	18.86	19.02
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.92	-	9.77	-	14.54	-	18.94	-
Middle CH	-	-	-	-	4.95	-	9.85	-	14.27	-	19.22	-
Highest CH	-	-	-	-	4.93	-	9.93	-	14.33	-	18.90	-



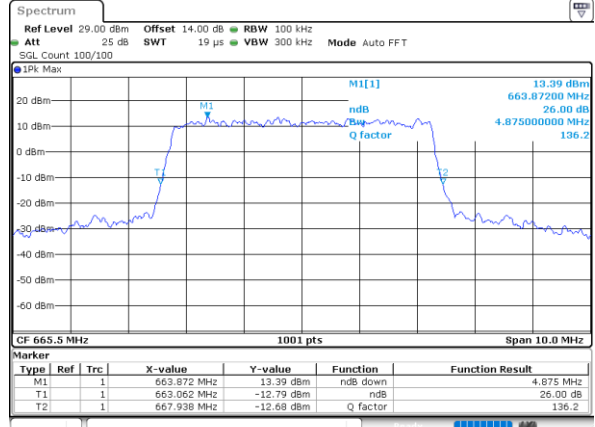
LTE Band 71

Lowest Channel / 5MHz / QPSK



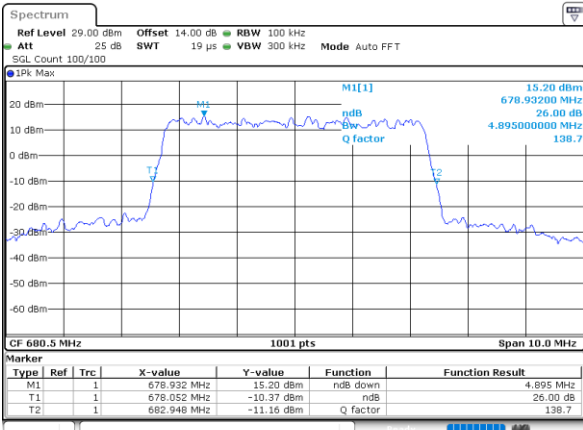
Date: 18.FEB.2021 15:10:21

Lowest Channel / 5MHz / 16QAM



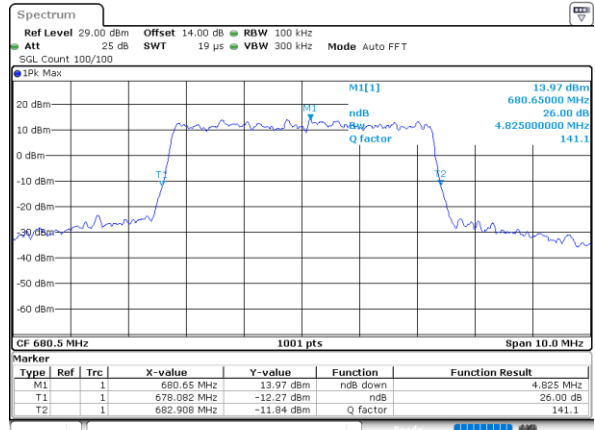
Date: 18.FEB.2021 15:13:51

Middle Channel / 5MHz / QPSK



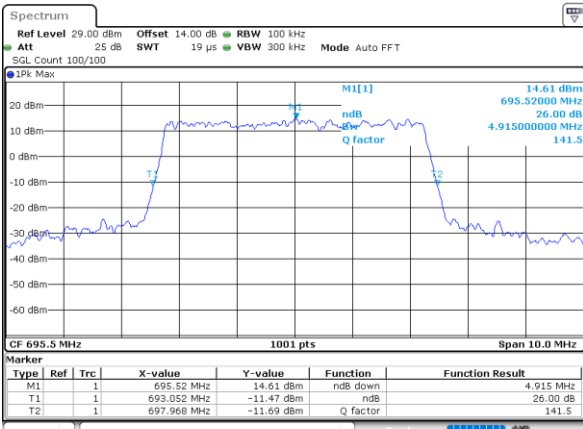
Date: 18.FEB.2021 15:37:25

Middle Channel / 5MHz / 16QAM



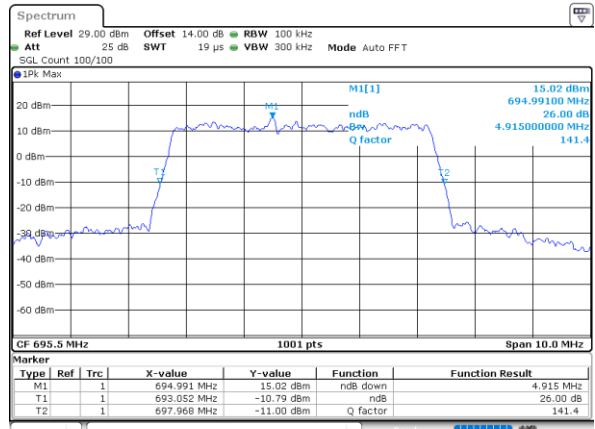
Date: 18.FEB.2021 15:35:43

Highest Channel / 5MHz / QPSK



Date: 18.FEB.2021 15:40:03

Highest Channel / 5MHz / 16QAM

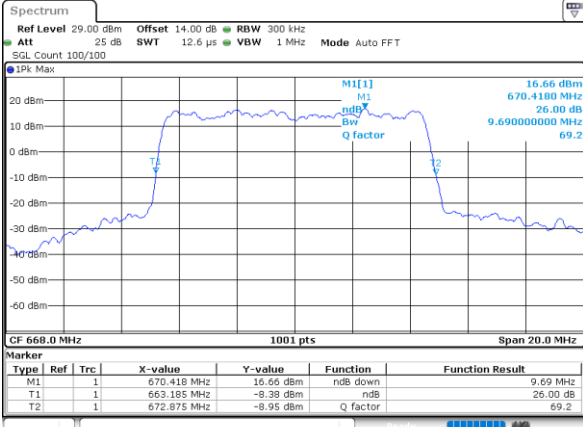


Date: 18.FEB.2021 15:41:41



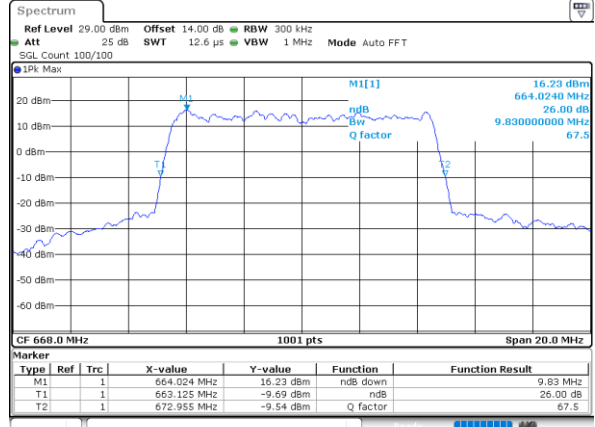
LTE Band 71

Lowest Channel / 10MHz / QPSK



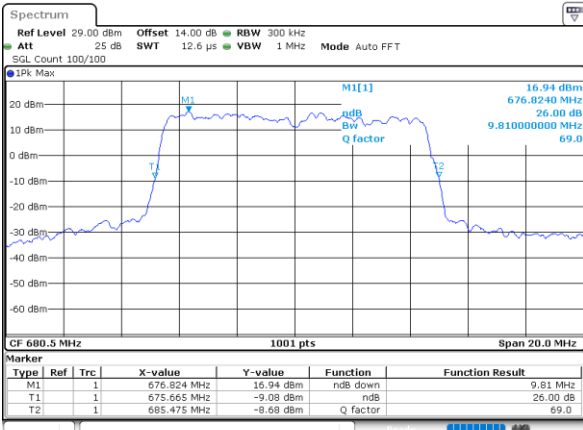
Date: 18.FEB.2021 16:12:31

Lowest Channel / 10MHz / 16QAM



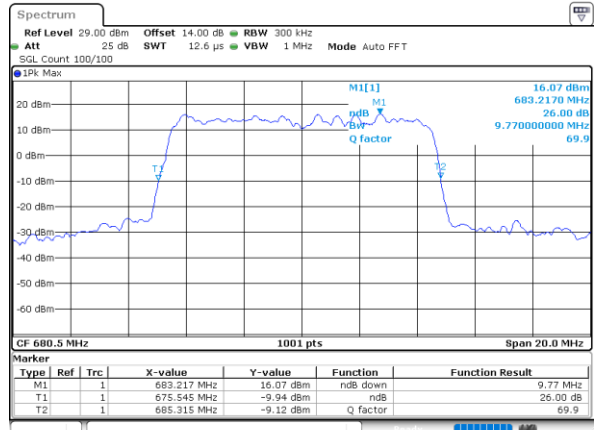
Date: 18.FEB.2021 16:14:05

Middle Channel / 10MHz / QPSK



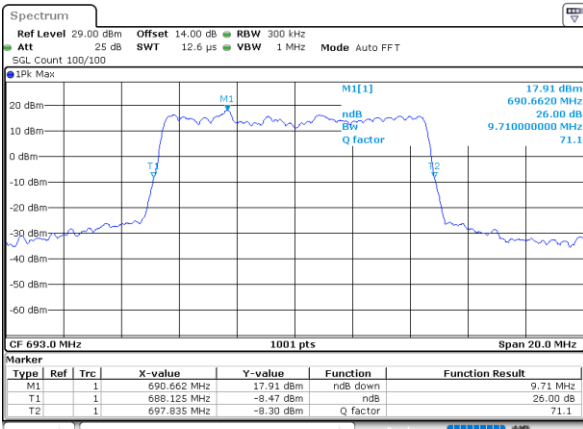
Date: 18.FEB.2021 16:18:53

Middle Channel / 10MHz / 16QAM



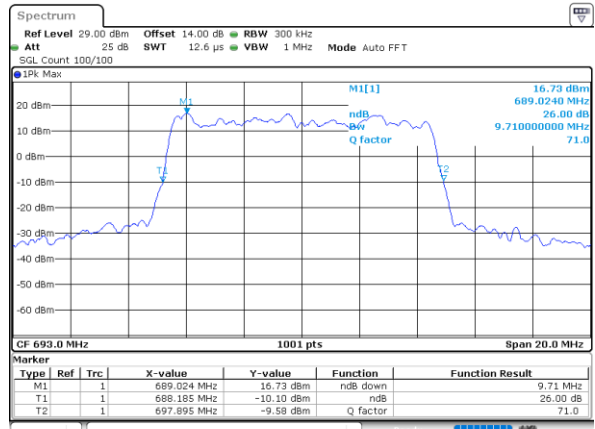
Date: 18.FEB.2021 16:18:14

Highest Channel / 10MHz / QPSK



Date: 18.FEB.2021 16:19:53

Highest Channel / 10MHz / 16QAM

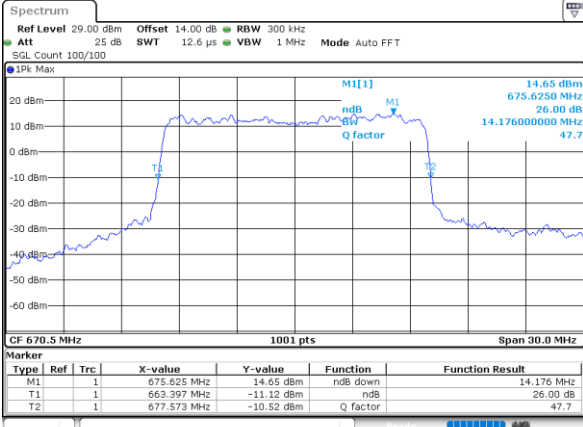


Date: 18.FEB.2021 16:21:40



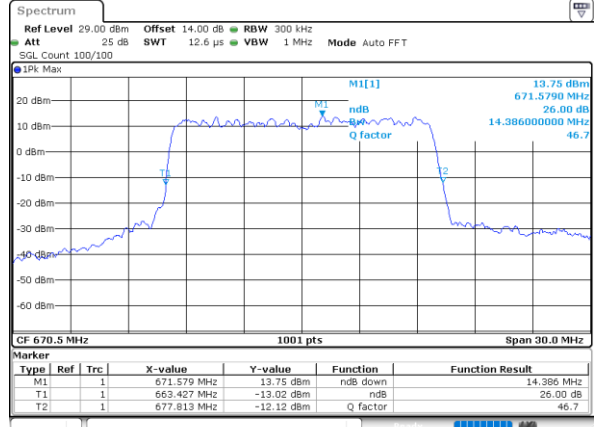
LTE Band 71

Lowest Channel / 15MHz / QPSK



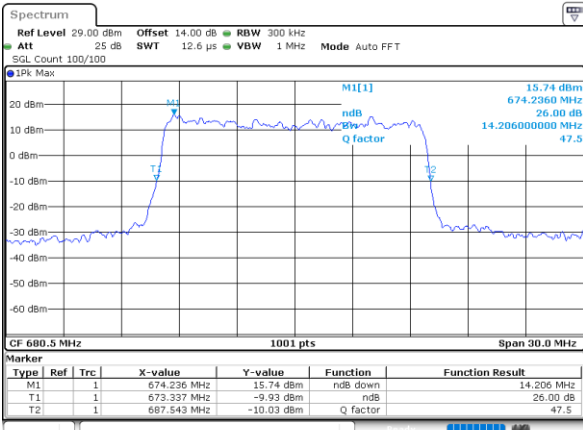
Date: 18.FEB.2021 17:12:41

Lowest Channel / 15MHz / 16QAM



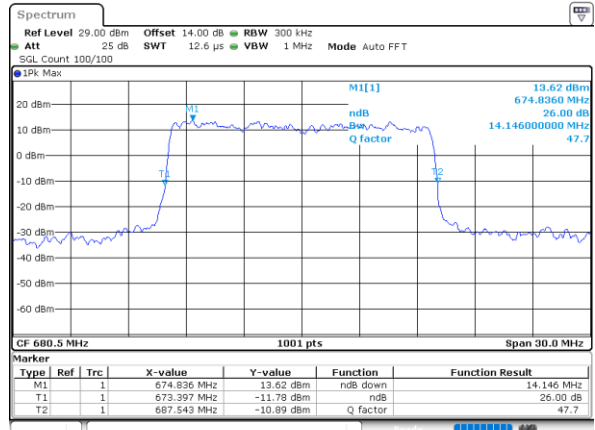
Date: 18.FEB.2021 17:14:24

Middle Channel / 15MHz / QPSK



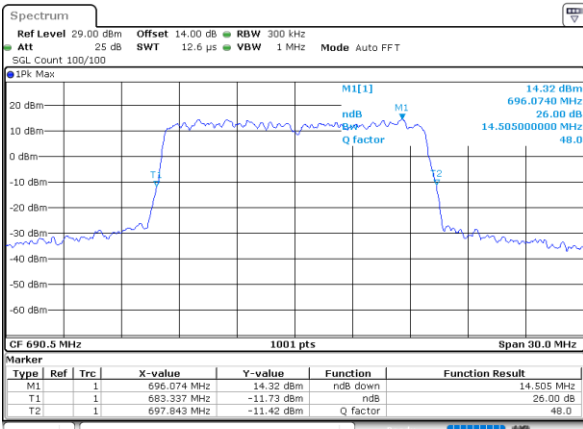
Date: 18.FEB.2021 17:21:43

Middle Channel / 15MHz / 16QAM



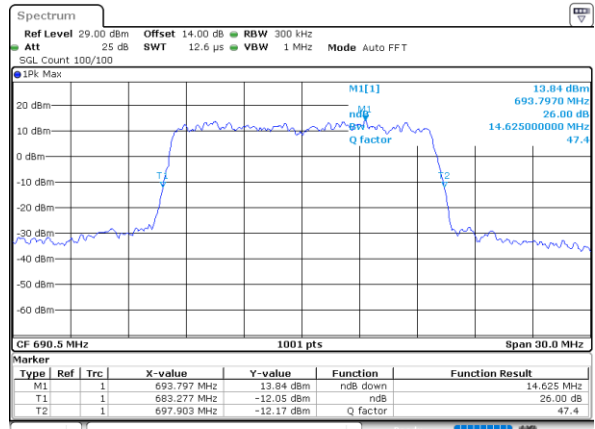
Date: 18.FEB.2021 17:20:22

Highest Channel / 15MHz / QPSK



Date: 18.FEB.2021 17:23:35

Highest Channel / 15MHz / 16QAM

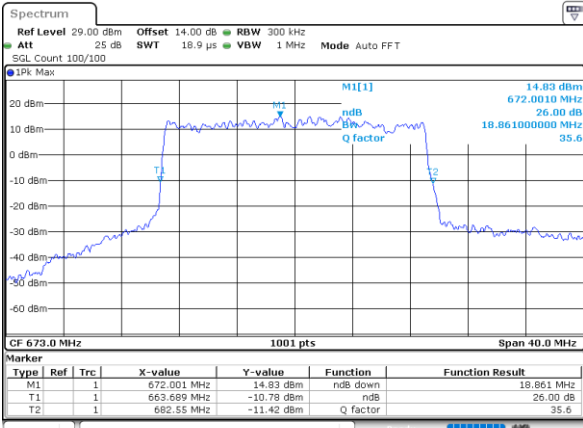


Date: 18.FEB.2021 17:25:36



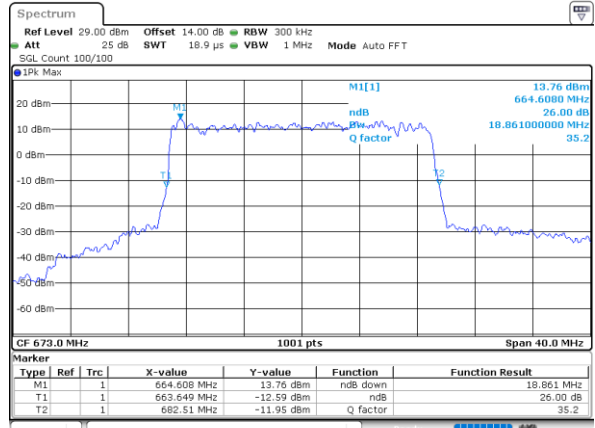
LTE Band 71

Lowest Channel / 20MHz / QPSK



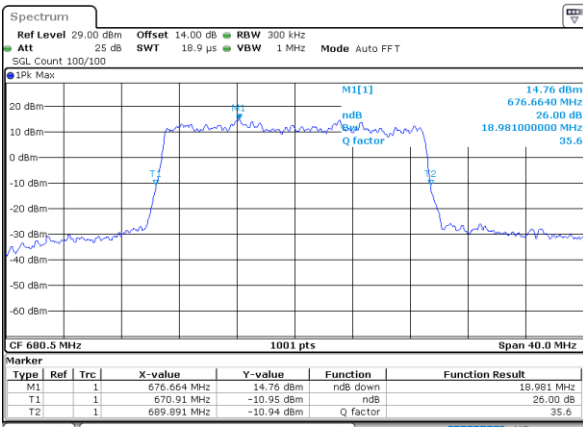
Date: 18_FEB.2021 19:08:00

Lowest Channel / 20MHz / 16QAM



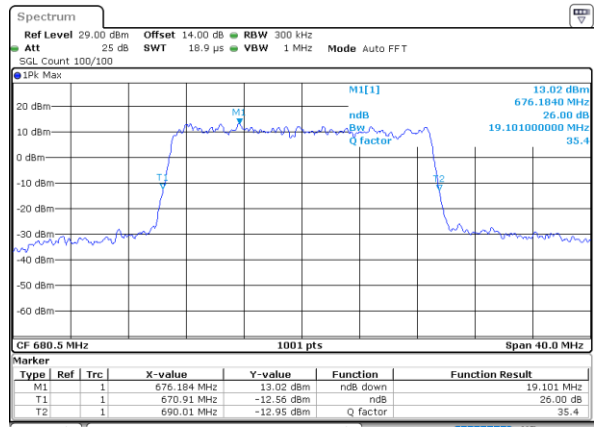
Date: 18_FEB.2021 19:06:25

Middle Channel / 20MHz / QPSK



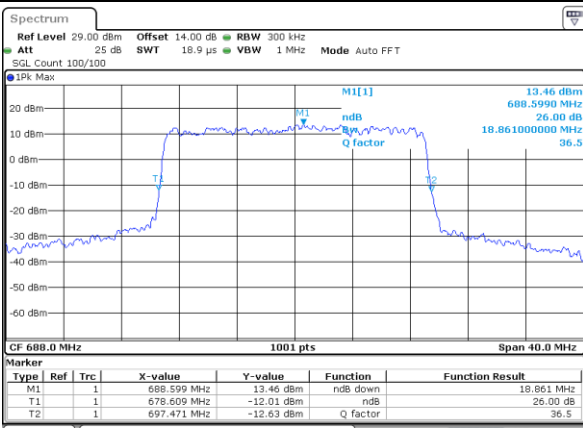
Date: 18_FEB.2021 19:30:07

Middle Channel / 20MHz / 16QAM



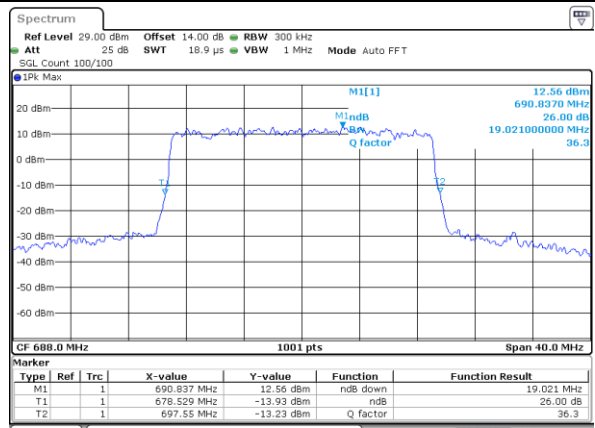
Date: 18_FEB.2021 19:30:40

Highest Channel / 20MHz / QPSK



Date: 18_FEB.2021 19:36:37

Highest Channel / 20MHz / 16QAM

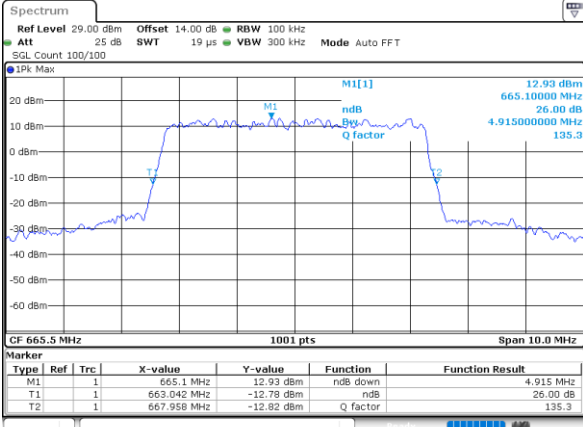


Date: 18_FEB.2021 19:34:59



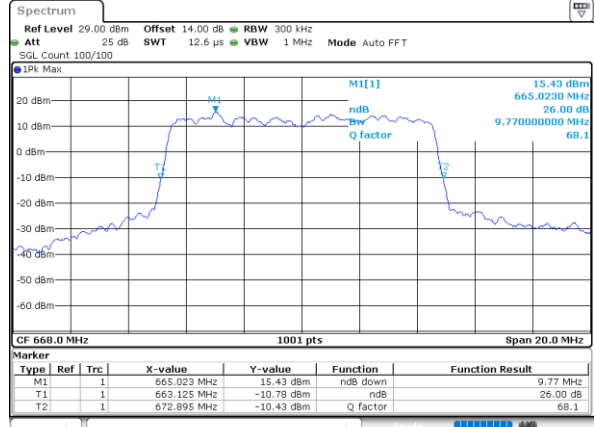
LTE Band 71

Lowest Channel / 5MHz / 64QAM



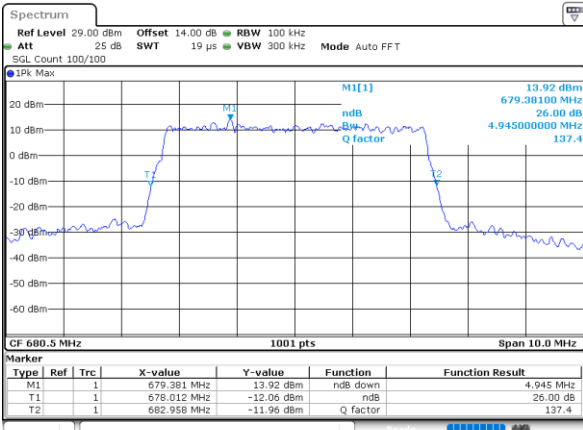
Date: 18.FEB.2021 15:25:38

Lowest Channel / 10MHz / 64QAM



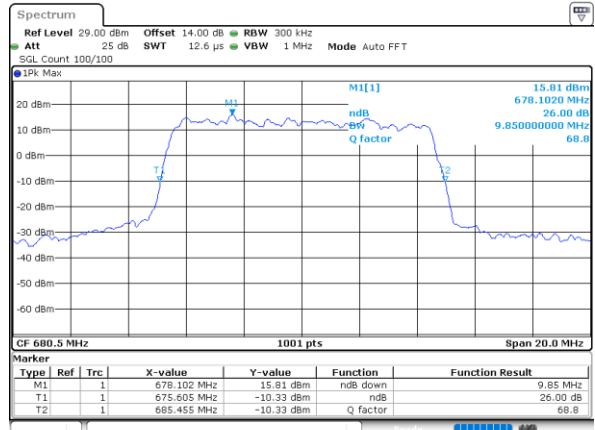
Date: 18.FEB.2021 16:15:32

Middle Channel / 5MHz / 64QAM



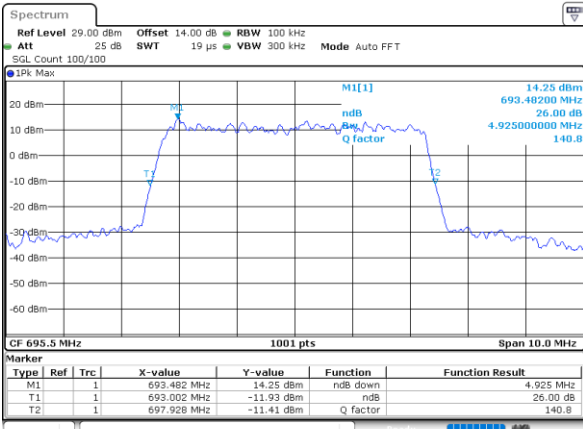
Date: 18.FEB.2021 15:27:42

Middle Channel / 10MHz / 64QAM



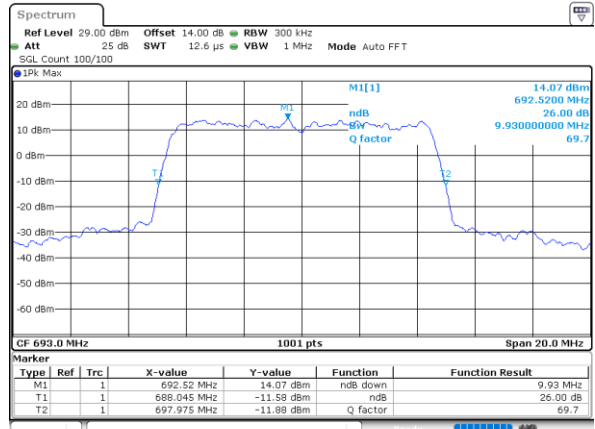
Date: 18.FEB.2021 16:17:13

Highest Channel / 5MHz / 64QAM



Date: 18.FEB.2021 15:43:26

Highest Channel / 10MHz / 64QAM

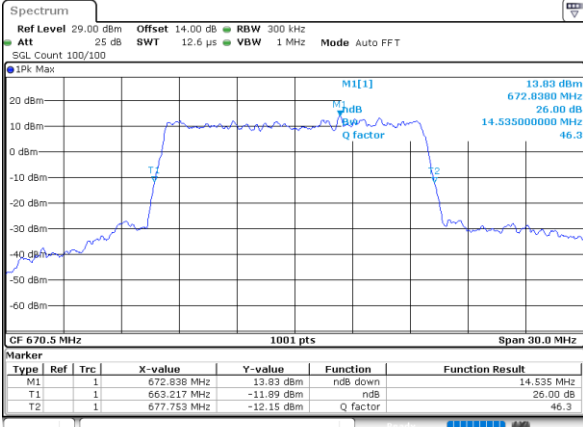


Date: 18.FEB.2021 16:24:12



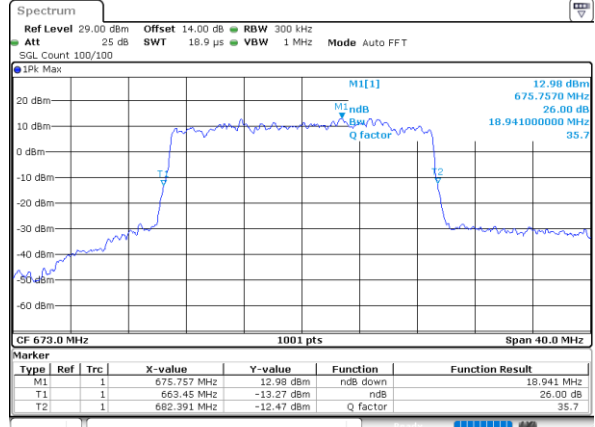
LTE Band 71

Lowest Channel / 15MHz / 64QAM



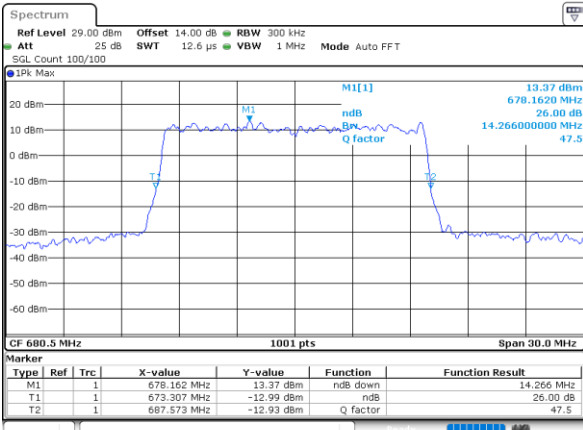
Date: 18.FEB.2021 17:17:02

Lowest Channel / 20MHz / 64QAM



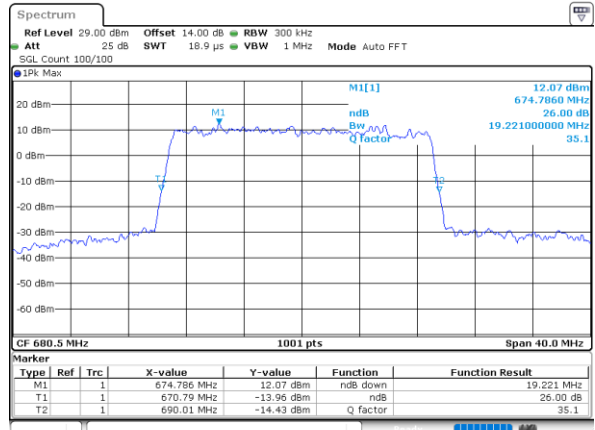
Date: 18.FEB.2021 19:05:04

Middle Channel / 15MHz / 64QAM



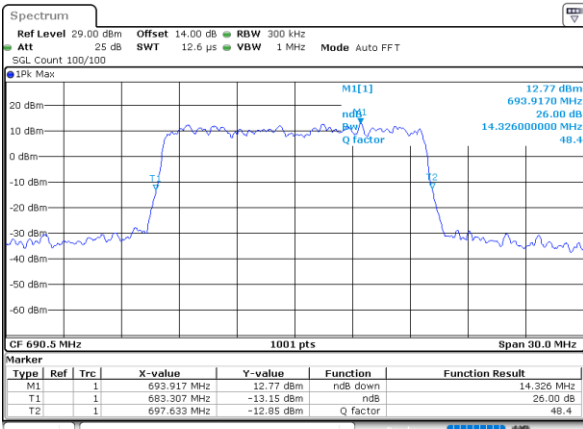
Date: 18.FEB.2021 17:19:31

Middle Channel / 20MHz / 64QAM



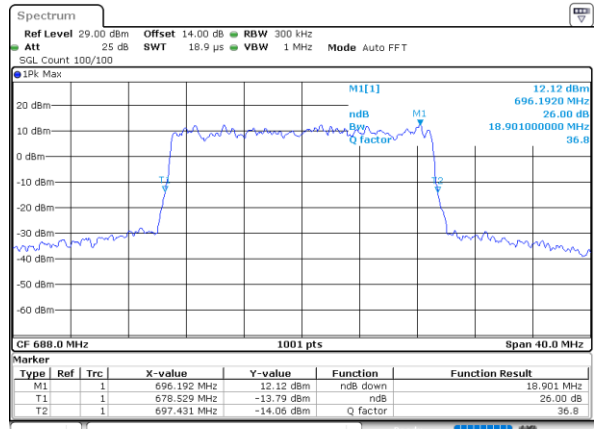
Date: 18.FEB.2021 19:31:09

Highest Channel / 15MHz / 64QAM



Date: 18.FEB.2021 17:27:23

Highest Channel / 20MHz / 64QAM



Date: 18.FEB.2021 19:32:59



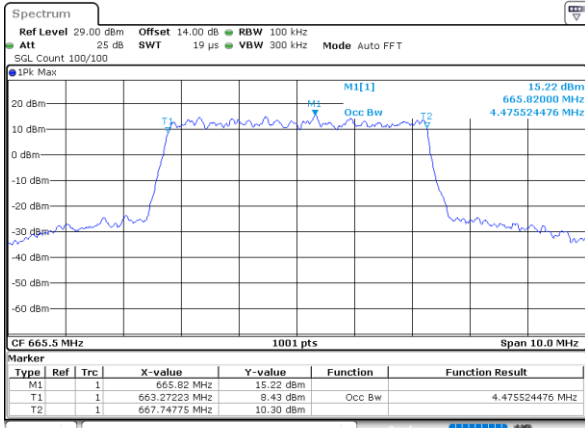
Occupied Bandwidth

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	-	-	-	-	4.48	4.49	9.01	9.03	13.52	13.46	17.78	17.90
Middle CH	-	-	-	-	4.50	4.48	8.99	8.99	13.46	13.46	17.78	17.86
Highest CH	-	-	-	-	4.50	4.49	9.01	8.97	13.40	13.37	17.82	17.94
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.47	-	9.05	-	13.46	-	17.78	-
Middle CH	-	-	-	-	4.51	-	8.99	-	13.40	-	17.90	-
Highest CH	-	-	-	-	4.49	-	9.05	-	13.49	-	17.86	-



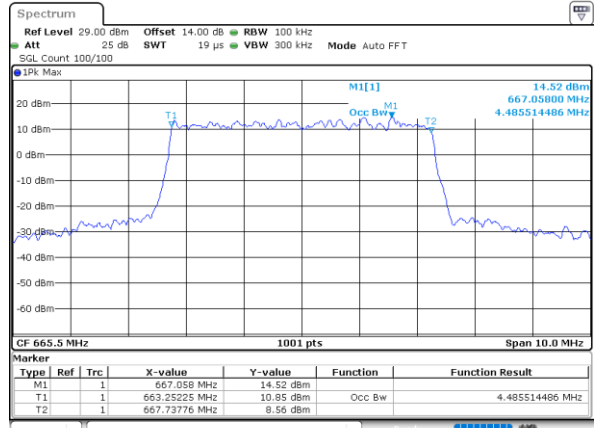
LTE Band 71

Lowest Channel / 5MHz / QPSK



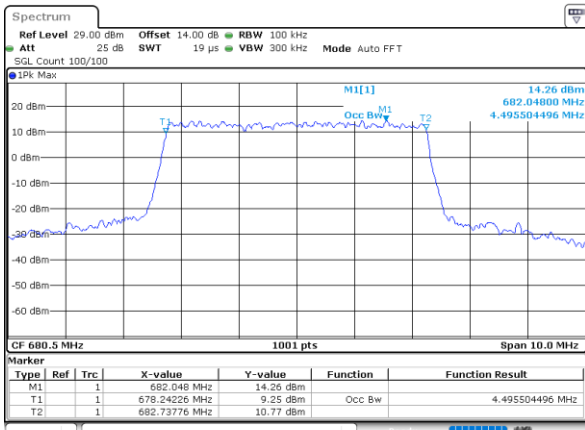
Date: 18.FEB.2021 15:10:07

Lowest Channel / 5MHz / 16QAM



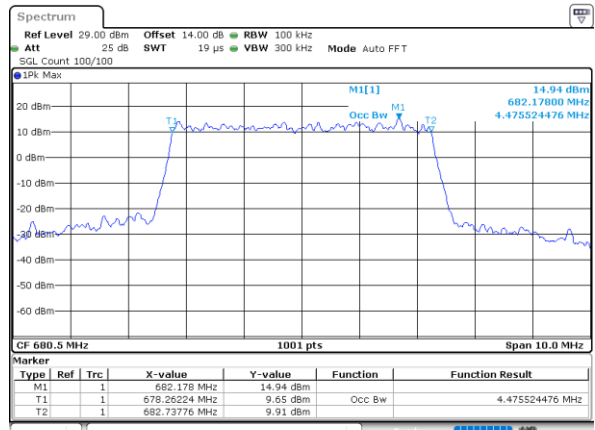
Date: 18.FEB.2021 15:13:123

Middle Channel / 5MHz / QPSK



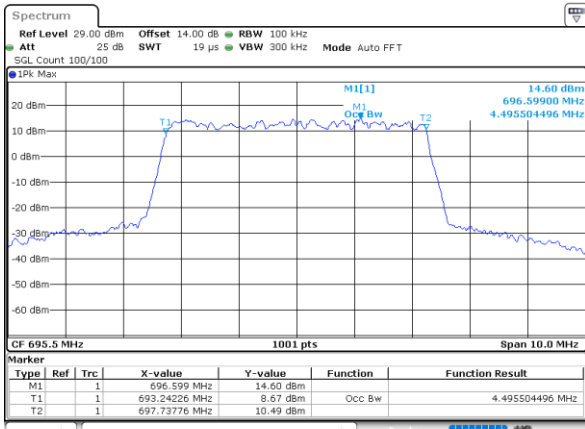
Date: 18.FEB.2021 15:37:14

Middle Channel / 5MHz / 16QAM



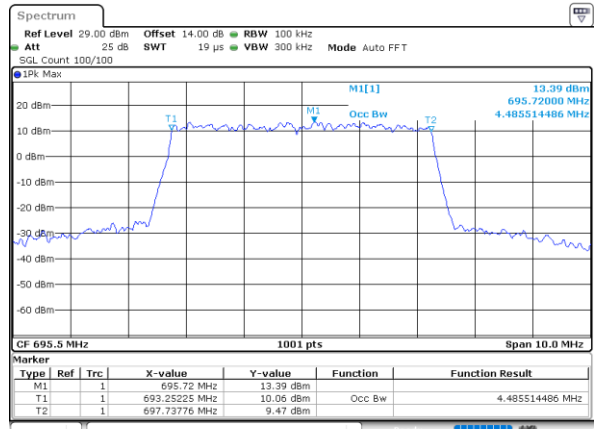
Date: 18.FEB.2021 15:35:131

Highest Channel / 5MHz / QPSK



Date: 18.FEB.2021 15:39:47

Highest Channel / 5MHz / 16QAM

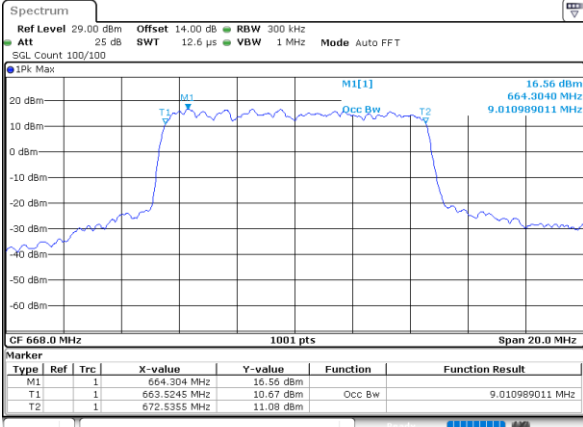


Date: 18.FEB.2021 15:41:121



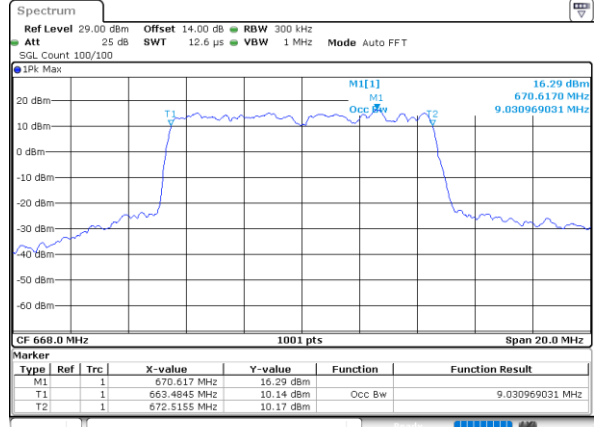
LTE Band 71

Lowest Channel / 10MHz / QPSK



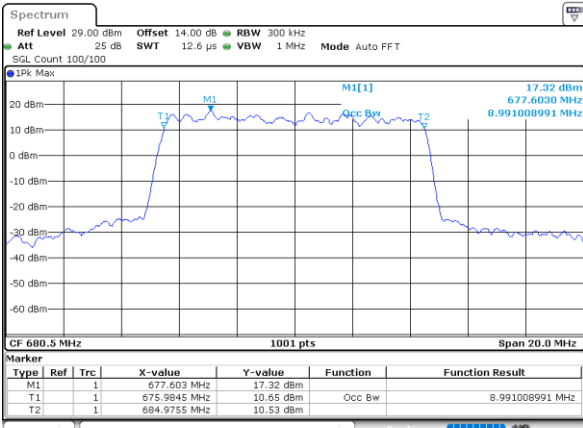
Date: 18.FEB.2021 16:12:21

Lowest Channel / 10MHz / 16QAM



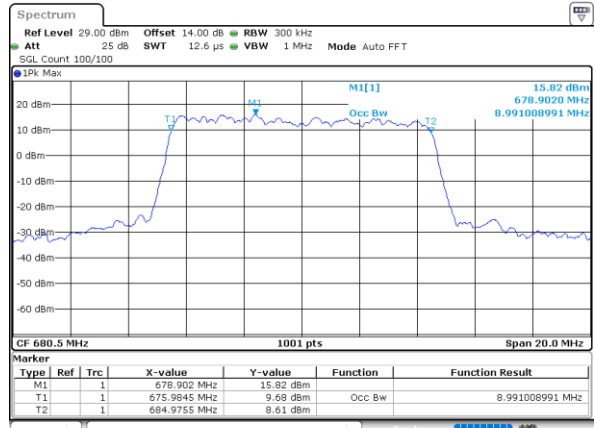
Date: 18.FEB.2021 16:13:46

Middle Channel / 10MHz / QPSK



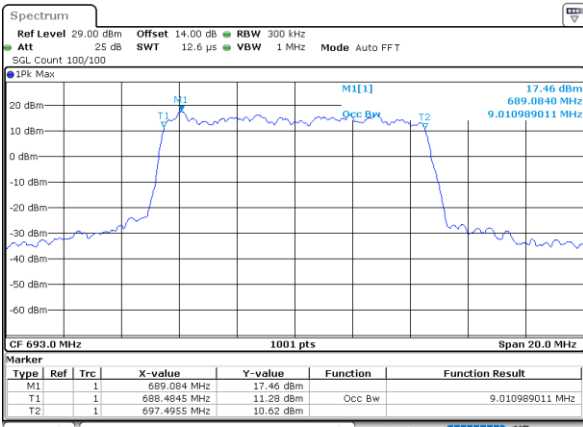
Date: 18.FEB.2021 16:18:39

Middle Channel / 10MHz / 16QAM



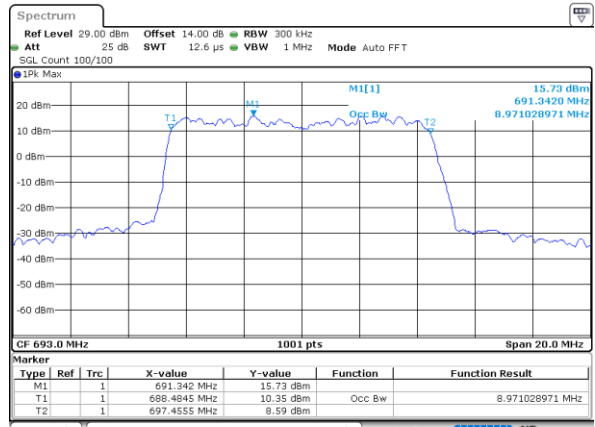
Date: 18.FEB.2021 16:17:53

Highest Channel / 10MHz / QPSK



Date: 18.FEB.2021 16:19:41

Highest Channel / 10MHz / 16QAM

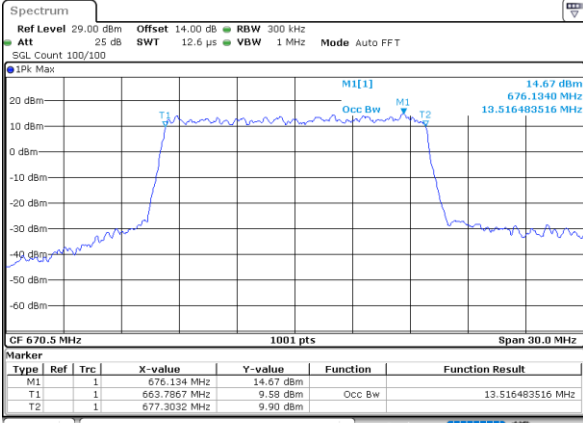


Date: 18.FEB.2021 16:21:21



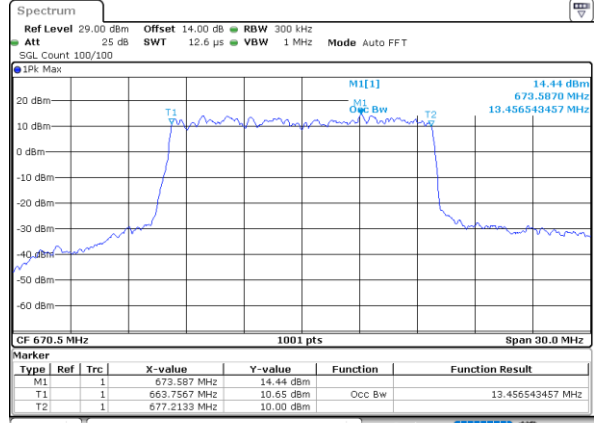
LTE Band 71

Lowest Channel / 15MHz / QPSK



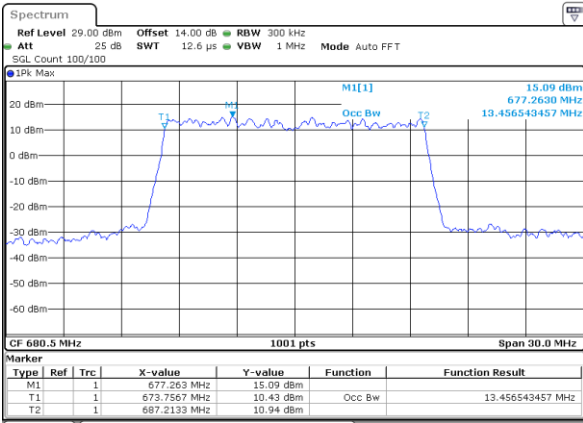
Date: 18.FEB.2021 17:12:20

Lowest Channel / 15MHz / 16QAM



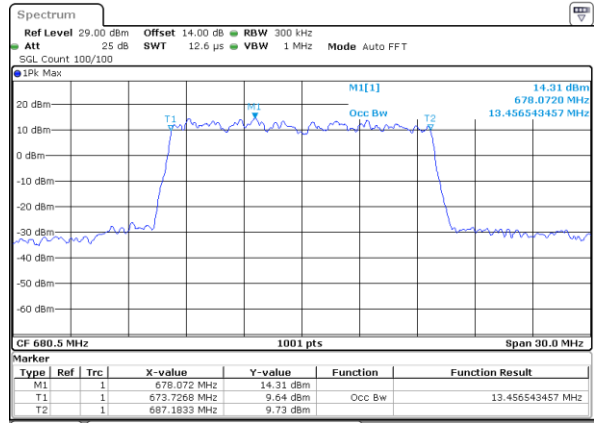
Date: 18.FEB.2021 17:14:08

Middle Channel / 15MHz / QPSK



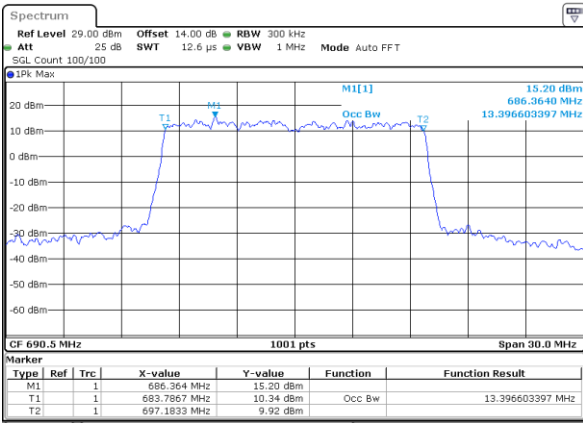
Date: 18.FEB.2021 17:21:17

Middle Channel / 15MHz / 16QAM



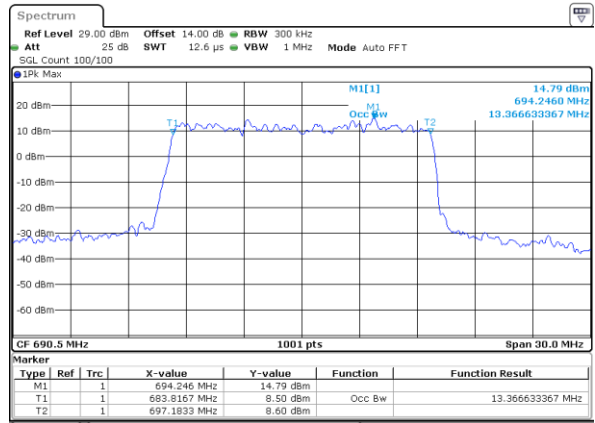
Date: 18.FEB.2021 17:20:00

Highest Channel / 15MHz / QPSK



Date: 18.FEB.2021 17:23:02

Highest Channel / 15MHz / 16QAM

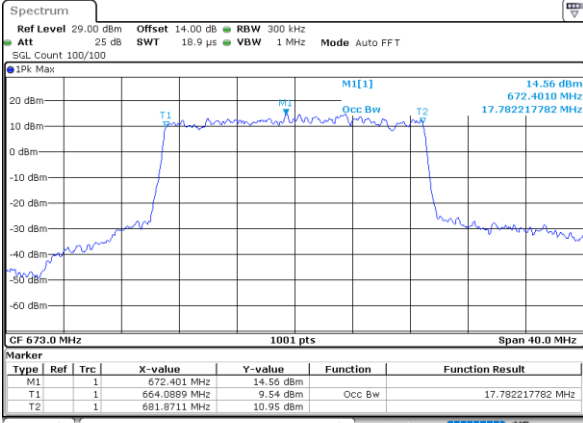


Date: 18.FEB.2021 17:25:06



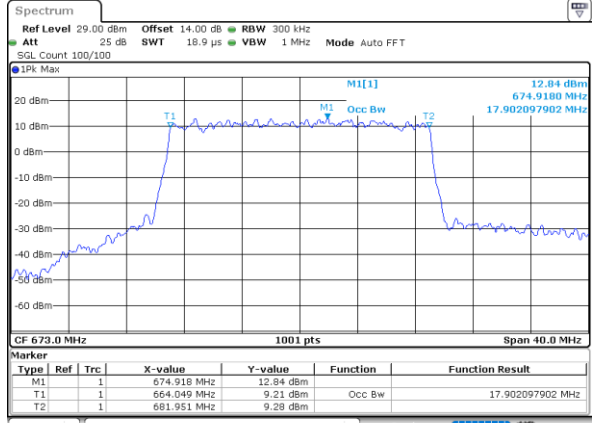
LTE Band 71

Lowest Channel / 20MHz / QPSK



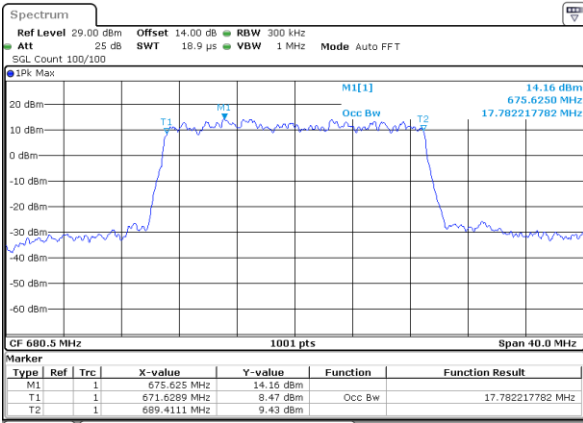
Date: 18.FEB.2021 19:07:59

Lowest Channel / 20MHz / 16QAM



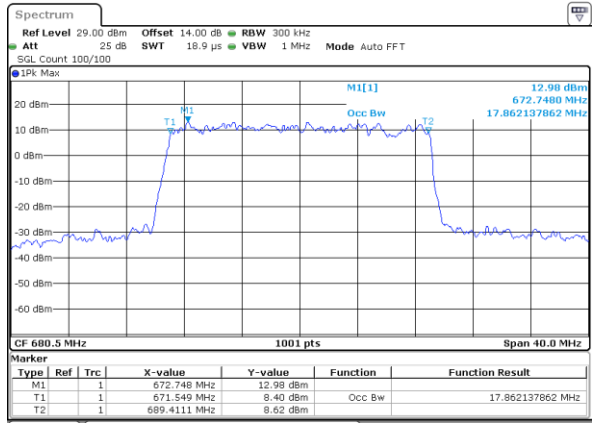
Date: 18.FEB.2021 19:06:17

Middle Channel / 20MHz / QPSK



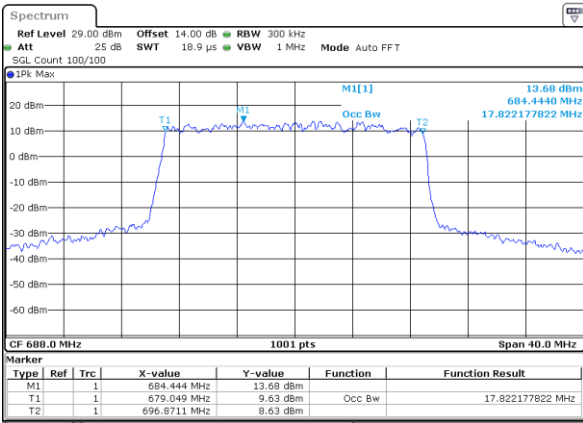
Date: 18.FEB.2021 19:30:00

Middle Channel / 20MHz / 16QAM



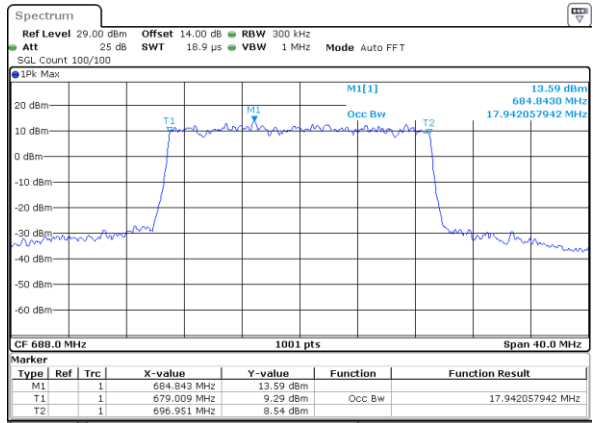
Date: 18.FEB.2021 19:30:31

Highest Channel / 20MHz / QPSK



Date: 18.FEB.2021 19:36:30

Highest Channel / 20MHz / 16QAM

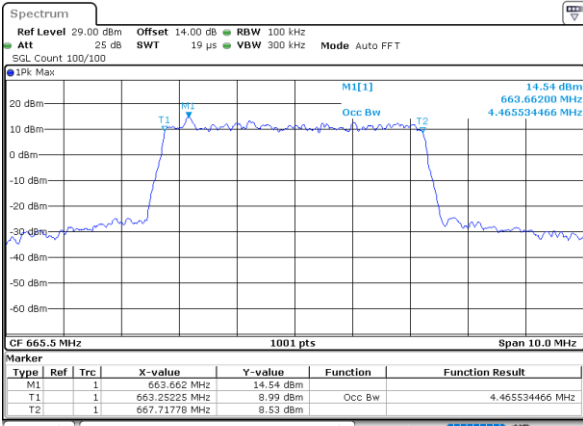


Date: 18.FEB.2021 19:34:51



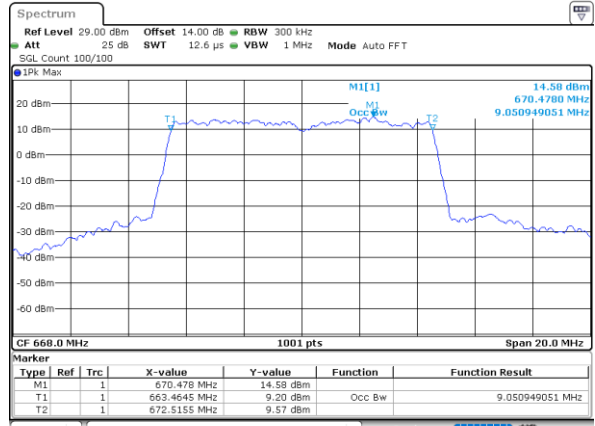
LTE Band 71

Lowest Channel / 5MHz / 64QAM



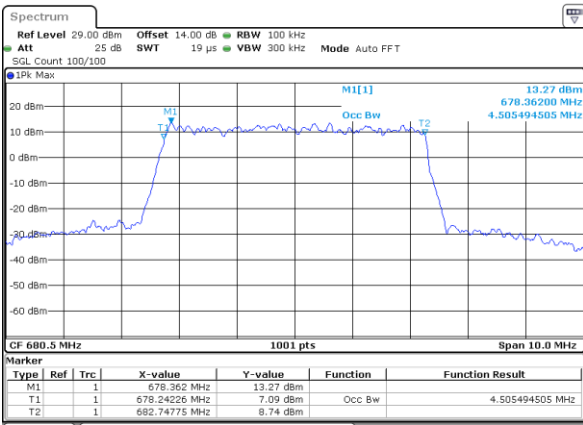
Date: 18.FEB.2021 15:25:20

Lowest Channel / 10MHz / 64QAM



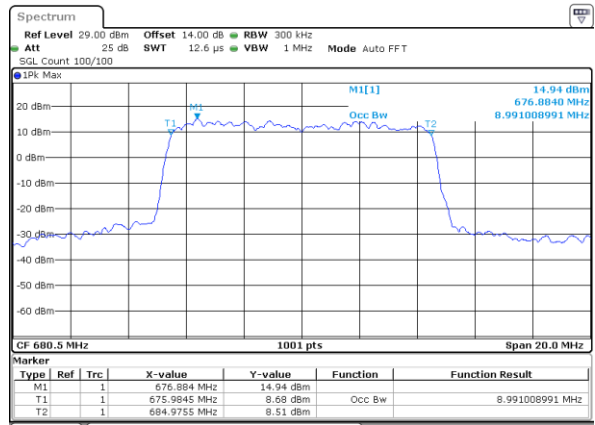
Date: 18.FEB.2021 16:15:15

Middle Channel / 5MHz / 64QAM



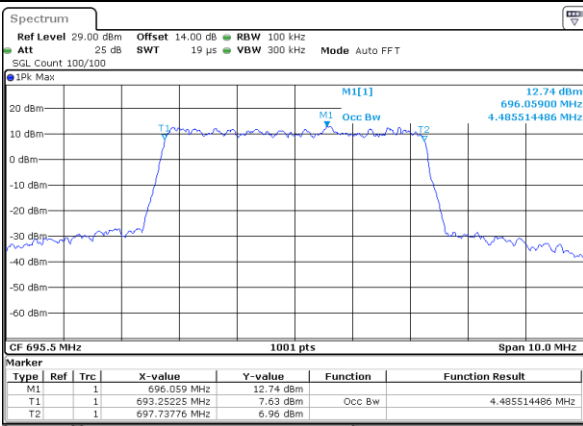
Date: 18.FEB.2021 15:27:29

Middle Channel / 10MHz / 64QAM



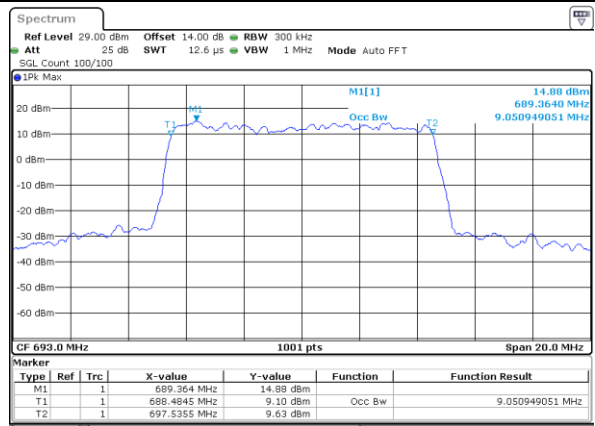
Date: 18.FEB.2021 16:17:01

Highest Channel / 5MHz / 64QAM



Date: 18.FEB.2021 15:43:07

Highest Channel / 10MHz / 64QAM

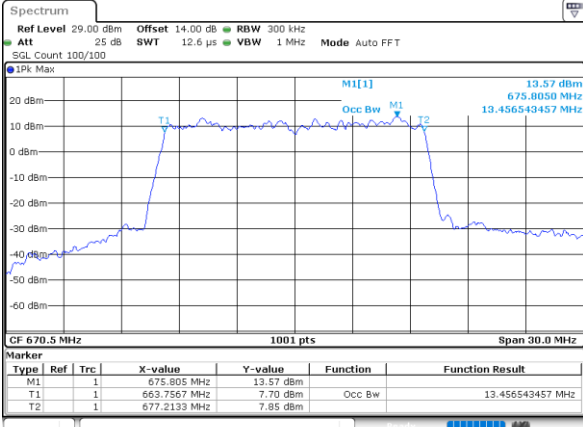


Date: 18.FEB.2021 16:23:53



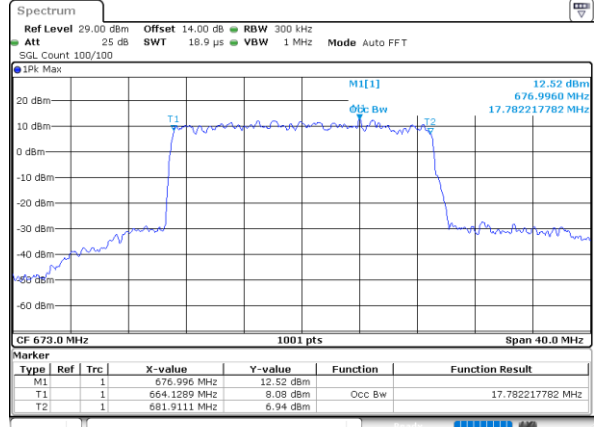
LTE Band 71

Lowest Channel / 15MHz / 64QAM



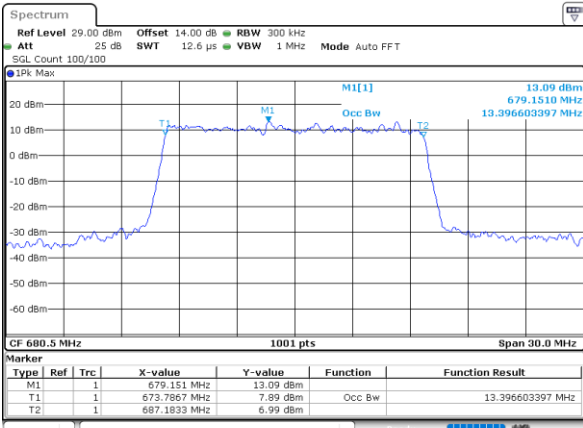
Date: 18.FEB.2021 17:16:00

Lowest Channel / 20MHz / 64QAM



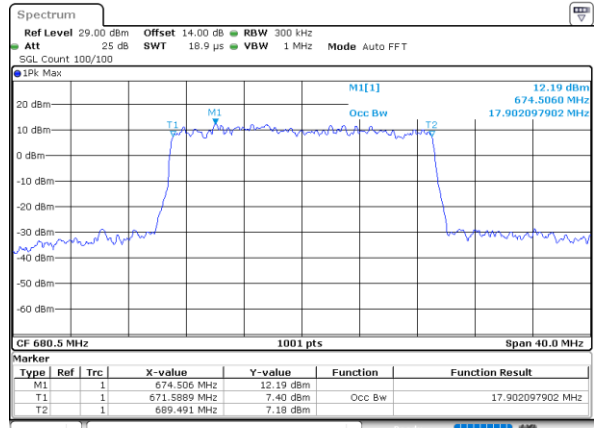
Date: 18.FEB.2021 19:04:57

Middle Channel / 15MHz / 64QAM



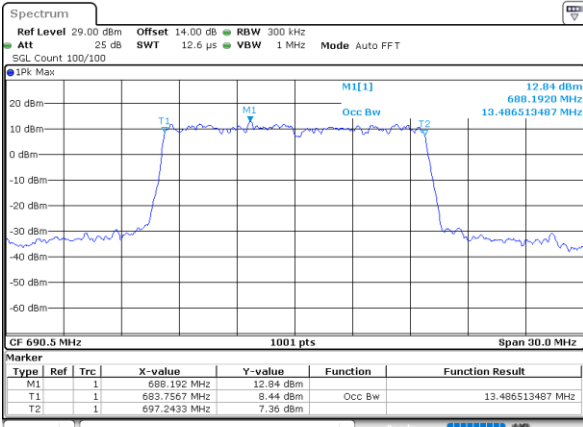
Date: 18.FEB.2021 17:19:16

Middle Channel / 20MHz / 64QAM



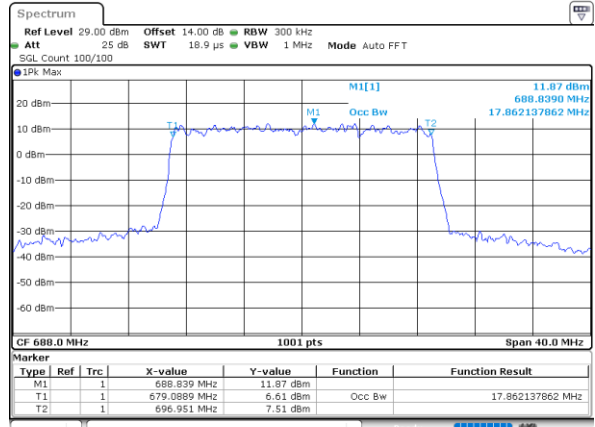
Date: 18.FEB.2021 19:31:01

Highest Channel / 15MHz / 64QAM



Date: 18.FEB.2021 17:27:06

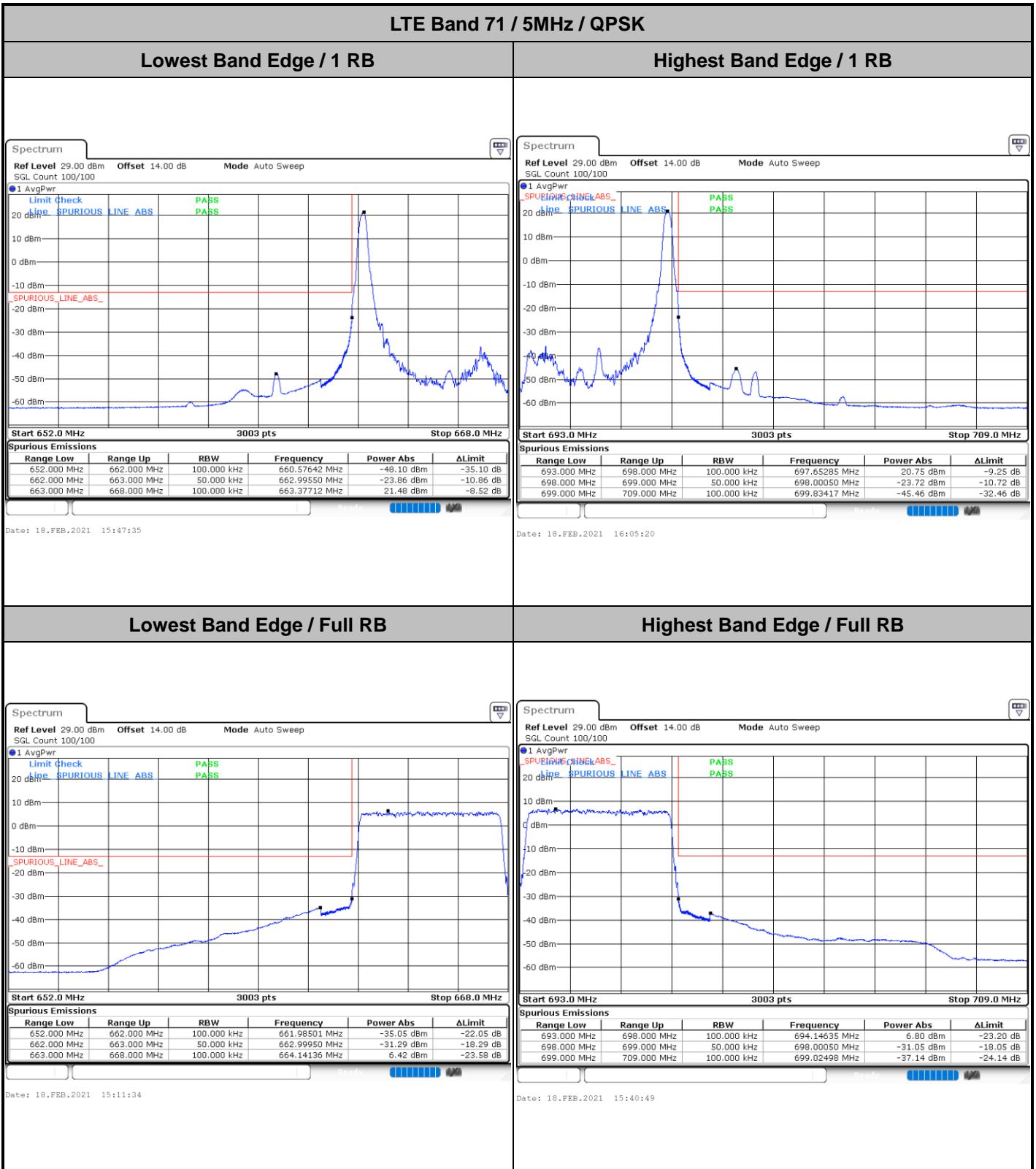
Highest Channel / 20MHz / 64QAM



Date: 18.FEB.2021 19:32:43



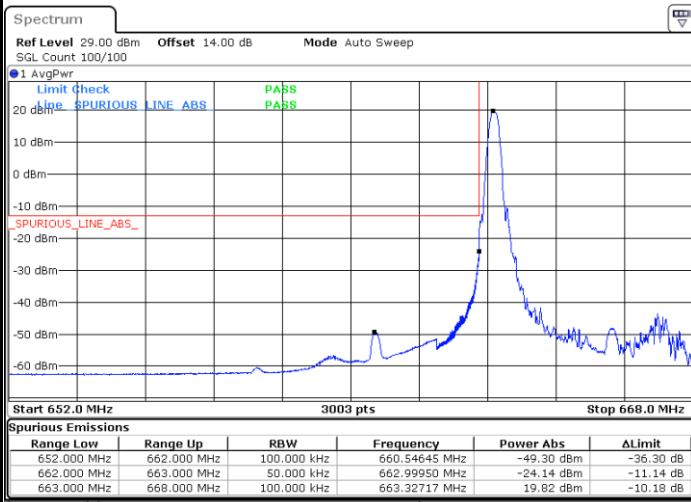
Conducted Band Edge





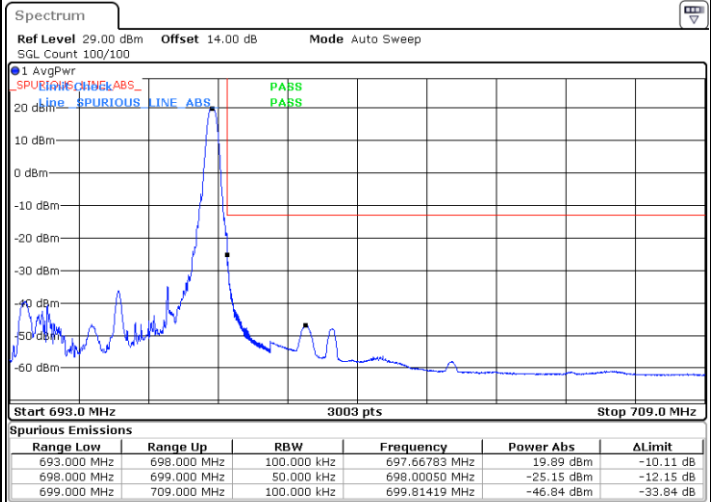
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



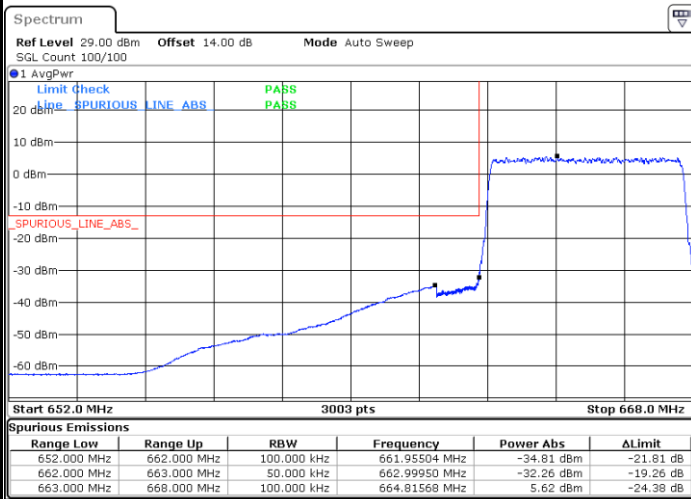
Date: 18.FEB.2021 15:49:58

Highest Band Edge / 1 RB



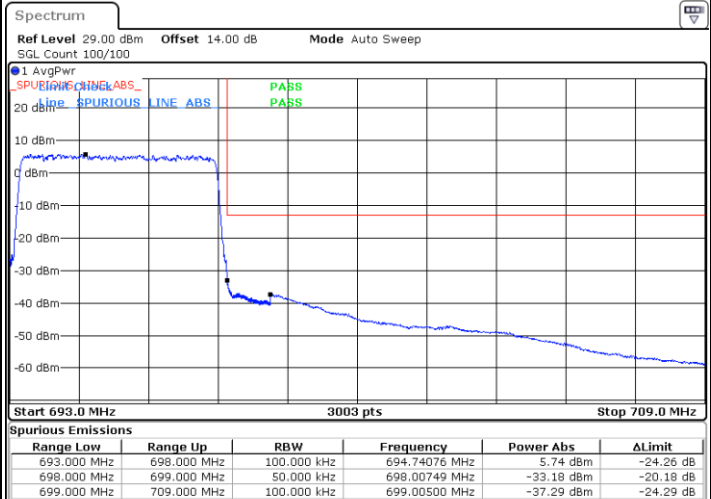
Date: 18.FEB.2021 16:06:19

Lowest Band Edge / Full RB



Date: 18.FEB.2021 15:14:59

Highest Band Edge / Full RB

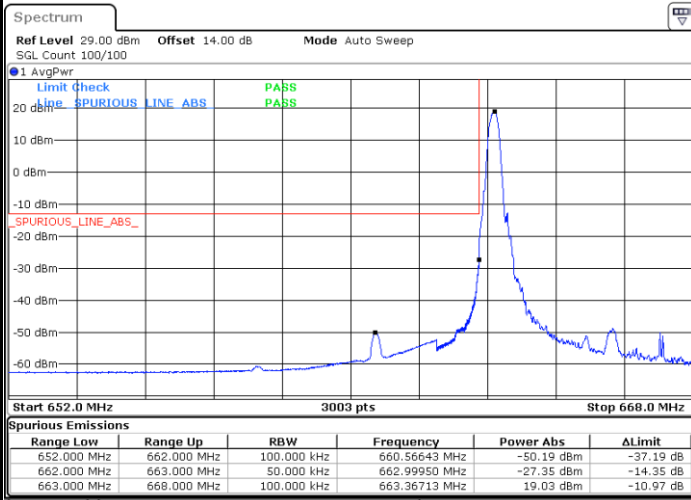


Date: 18.FEB.2021 16:09:21



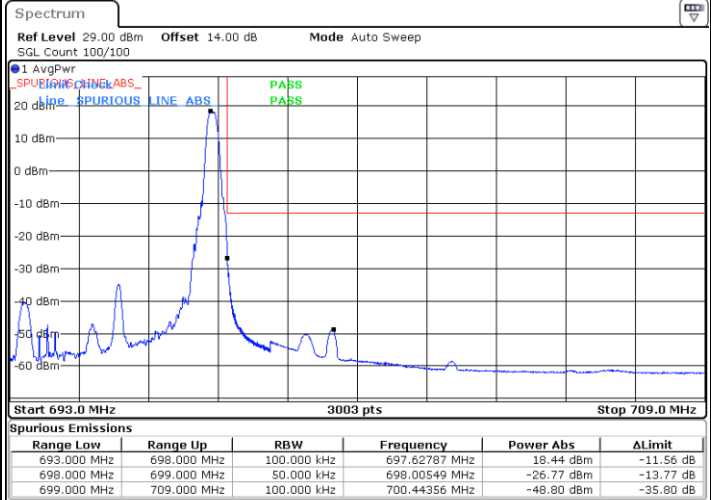
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



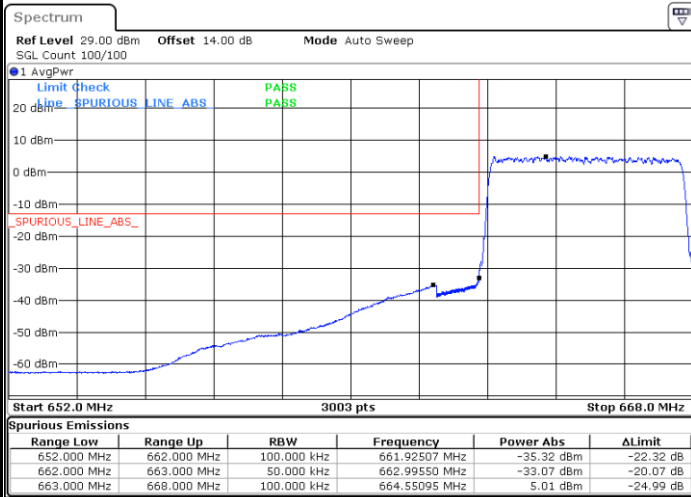
Date: 18.FEB.2021 15:51:56

Highest Band Edge / 1 RB



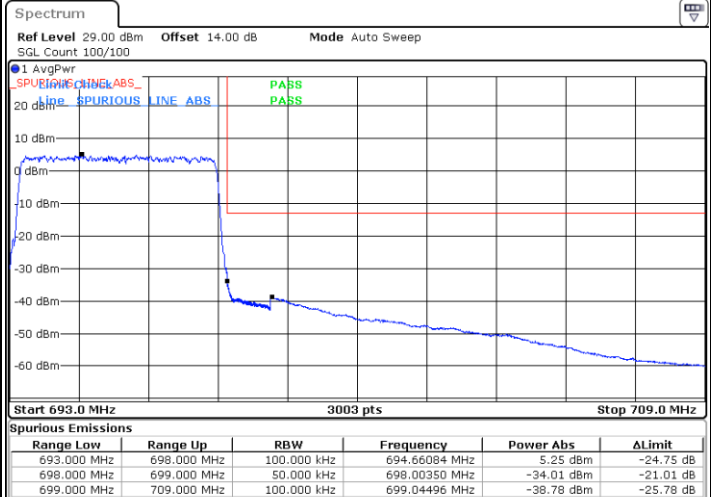
Date: 18.FEB.2021 16:07:28

Lowest Band Edge / Full RB



Date: 18.FEB.2021 15:26:49

Highest Band Edge / Full RB

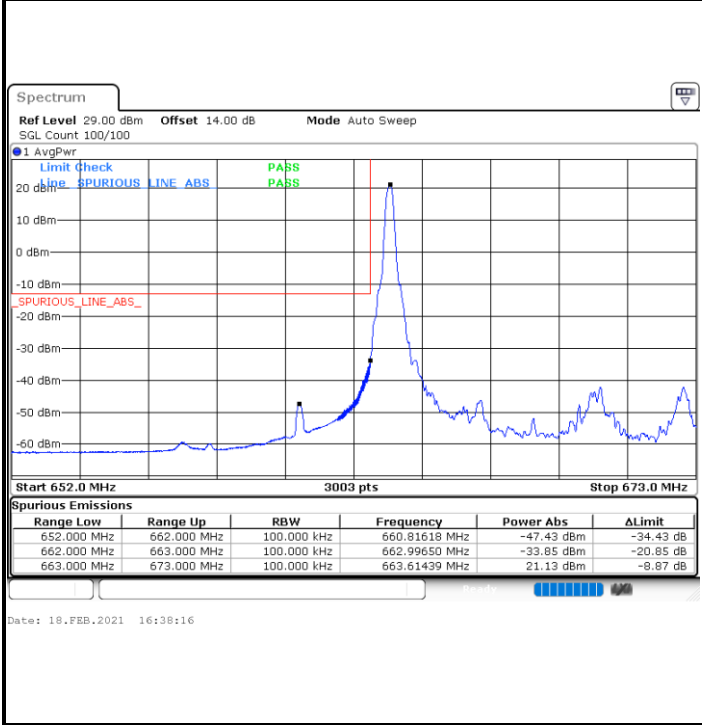


Date: 18.FEB.2021 15:44:32

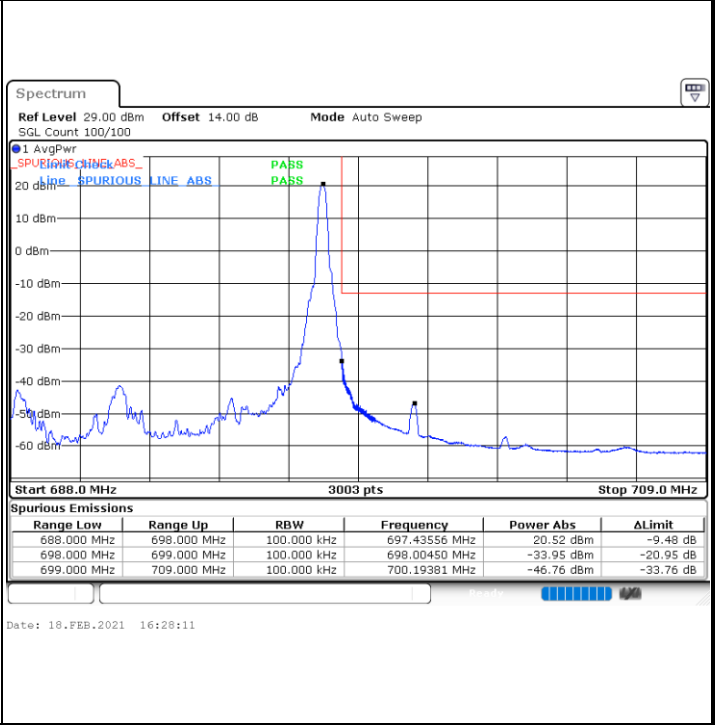


LTE Band 71 / 10MHz / QPSK

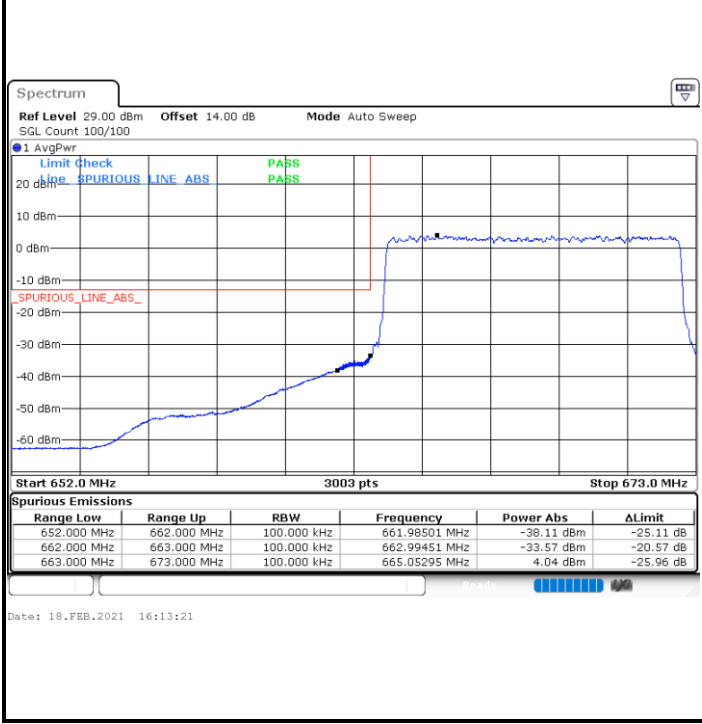
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

