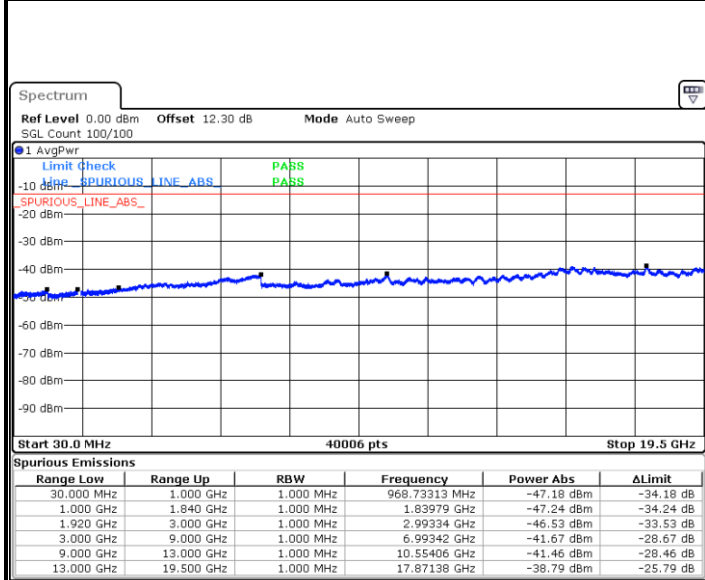




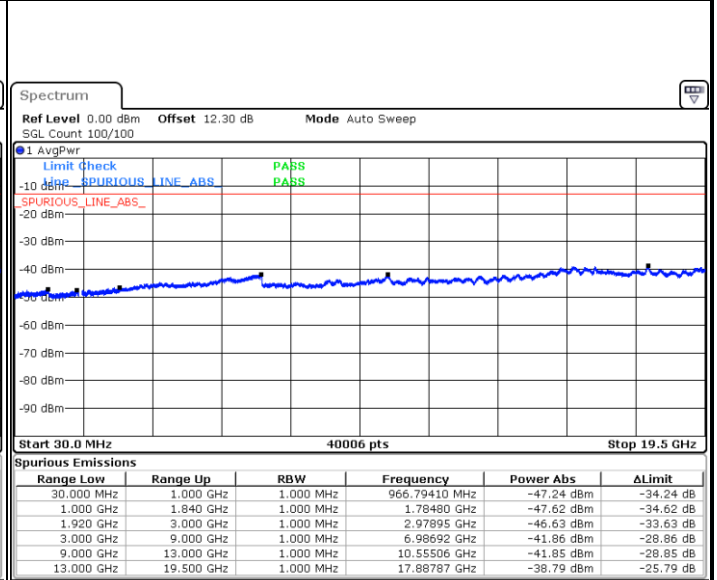
**LTE Band 25 / 1.4MHz**

**Lowest Channel / 64QAM**



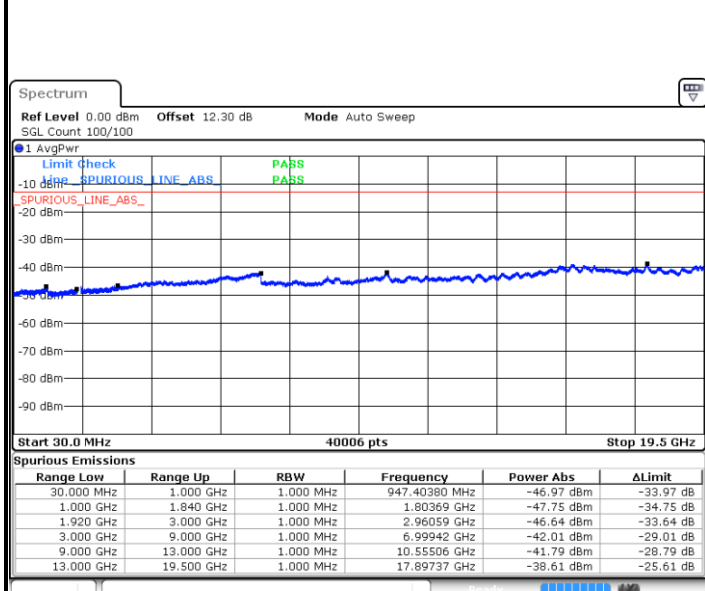
Date: 29 MAY 2020 14:24:03

**Middle Channel / 64QAM**



Date: 29 MAY 2020 14:25:13

**Highest Channel / 64QAM**

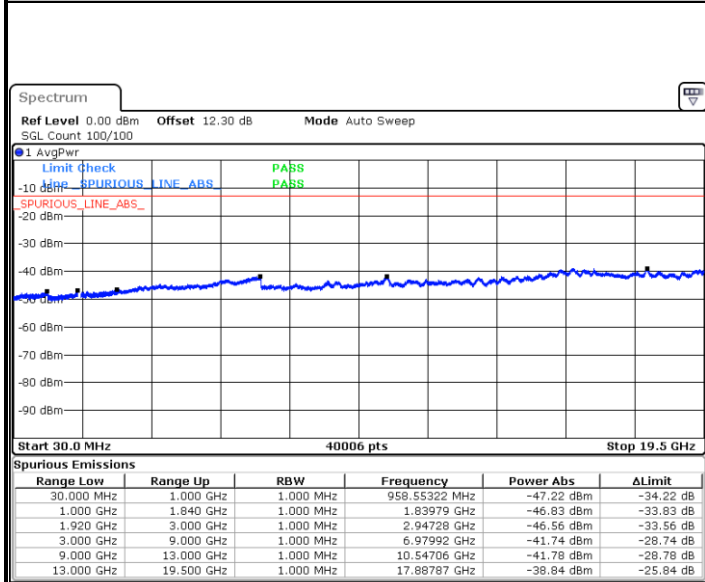


Date: 29 MAY 2020 14:28:40



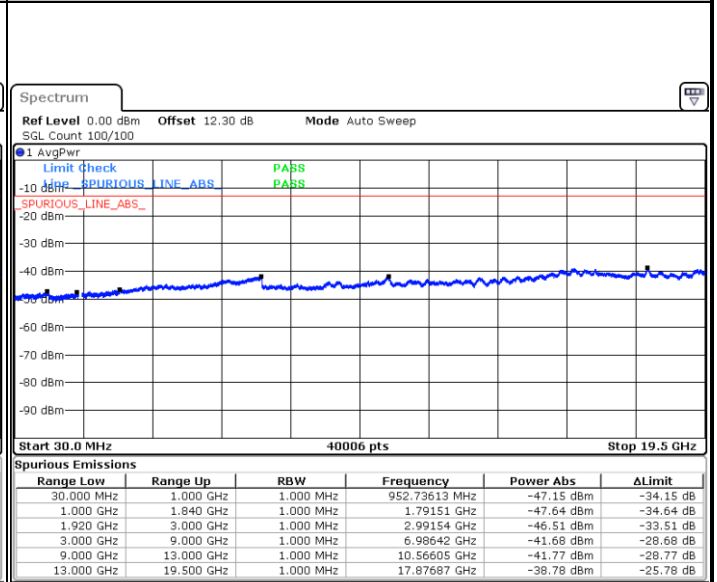
**LTE Band 25 / 3MHz**

**Lowest Channel / 64QAM**



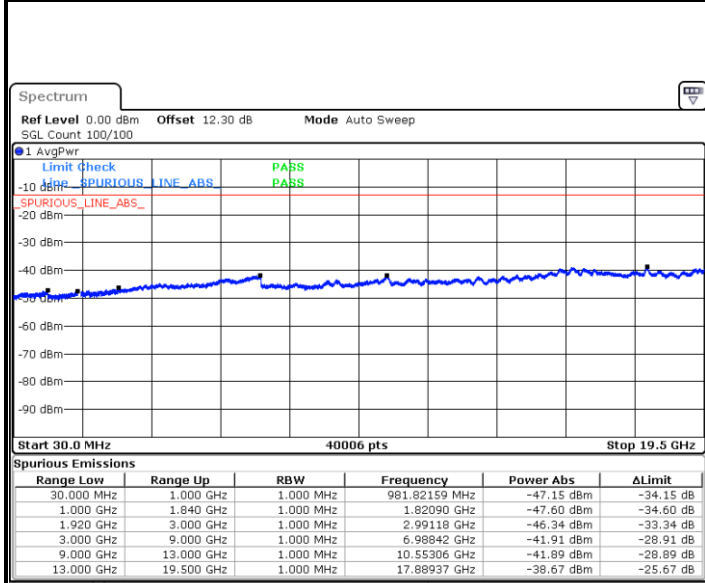
Date: 29 MAY 2020 14:31:52

**Middle Channel / 64QAM**



Date: 29 MAY 2020 14:33:02

**Highest Channel / 64QAM**



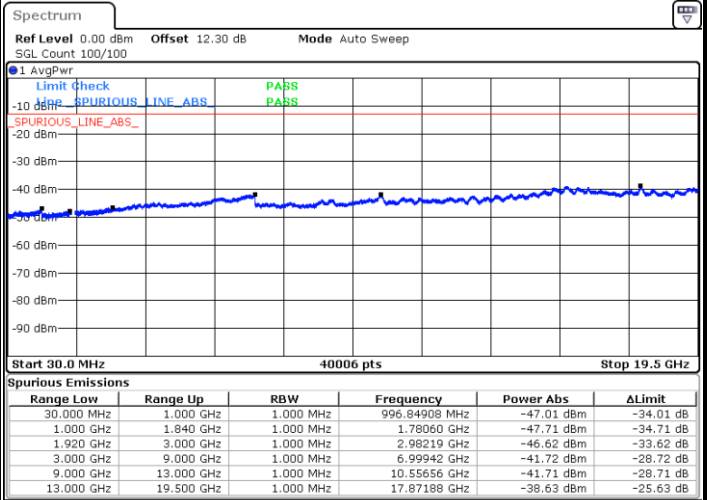
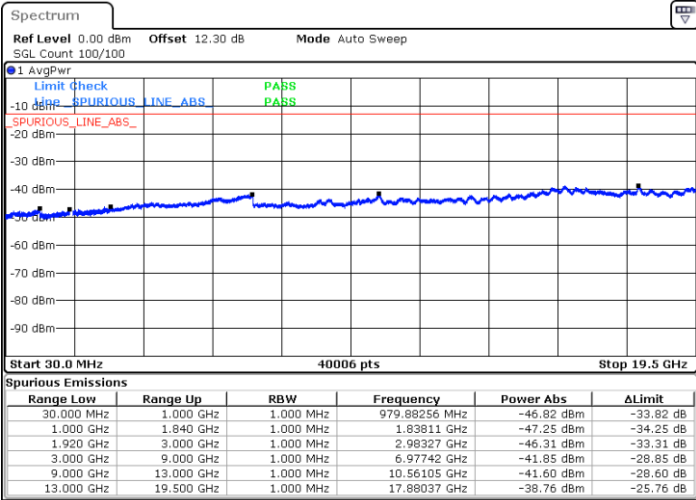
Date: 29 MAY 2020 14:36:14



LTE Band 25 / 5MHz

Lowest Channel / 64QAM

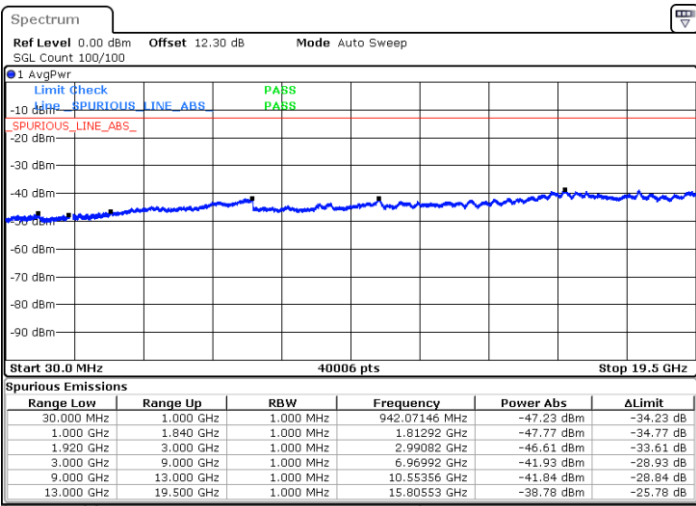
Middle Channel / 64QAM



Date: 29 MAY 2020 15:09:43

Date: 29 MAY 2020 15:10:53

Highest Channel / 64QAM

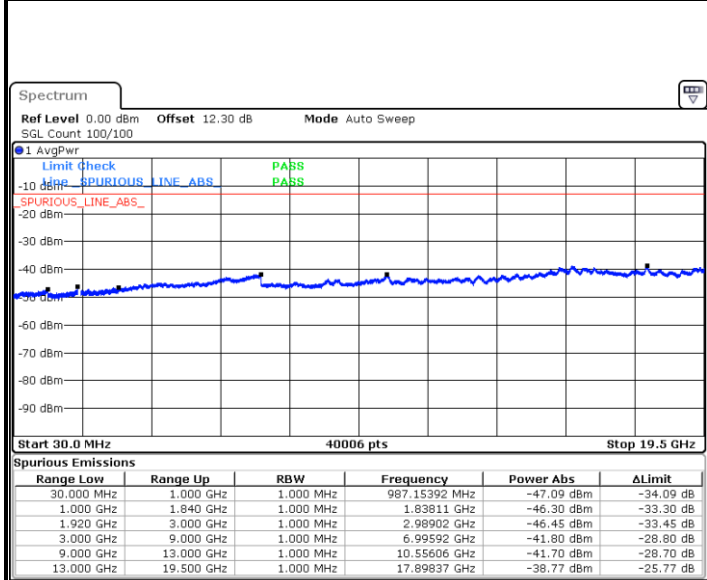


Date: 29 MAY 2020 15:14:04



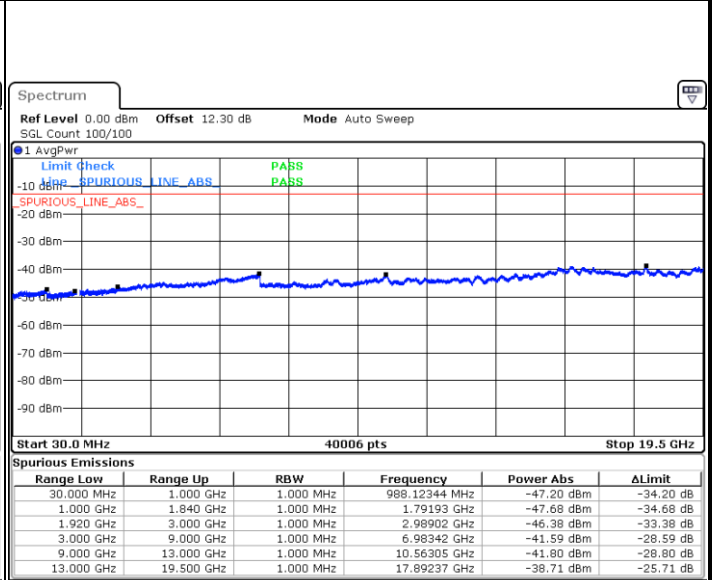
**LTE Band 25 / 10MHz**

**Lowest Channel / 64QAM**



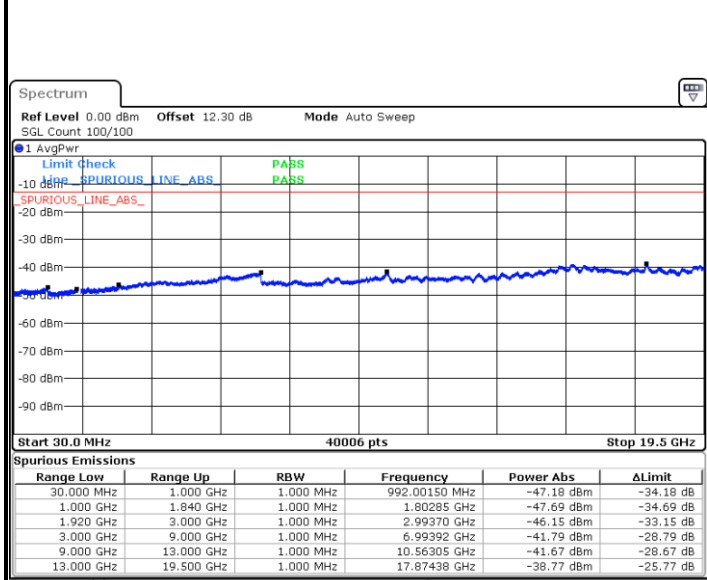
Date: 29 MAY 2020 15:32:25

**Middle Channel / 64QAM**



Date: 29 MAY 2020 15:33:36

**Highest Channel / 64QAM**



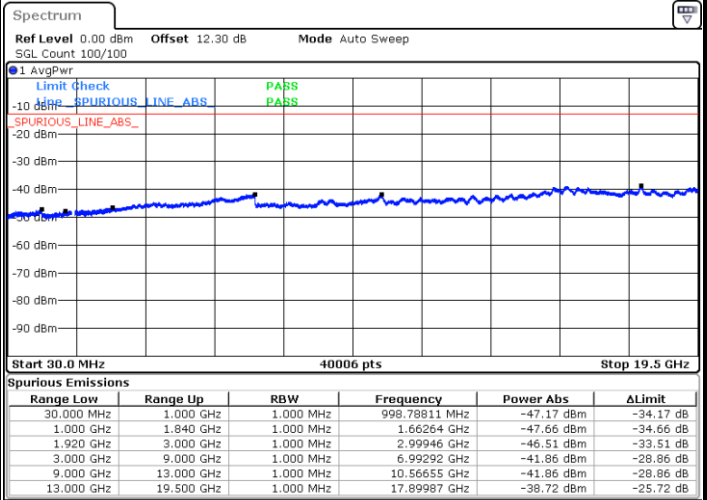
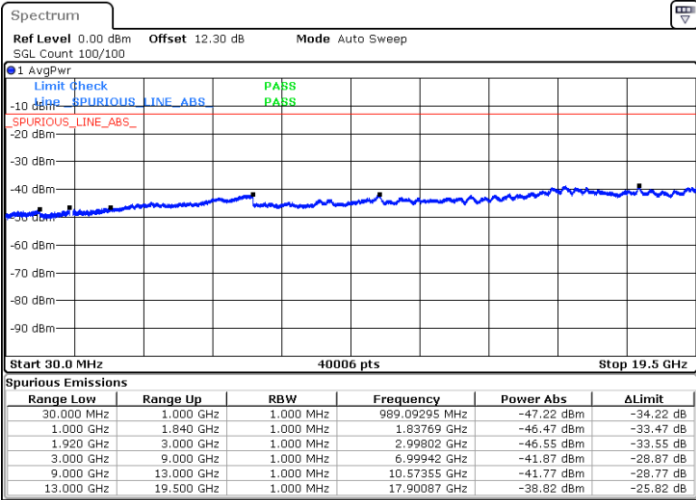
Date: 29 MAY 2020 15:36:48



LTE Band 25 / 15MHz

Lowest Channel / 64QAM

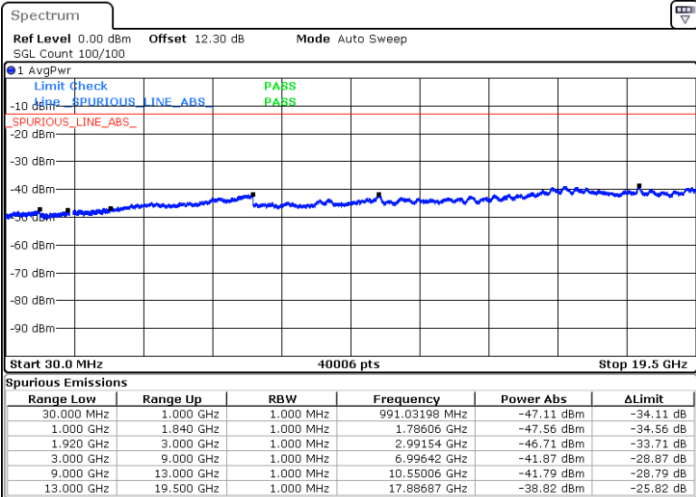
Middle Channel / 64QAM



Date: 29 MAY 2020 15:40:00

Date: 29 MAY 2020 15:41:10

Highest Channel / 64QAM



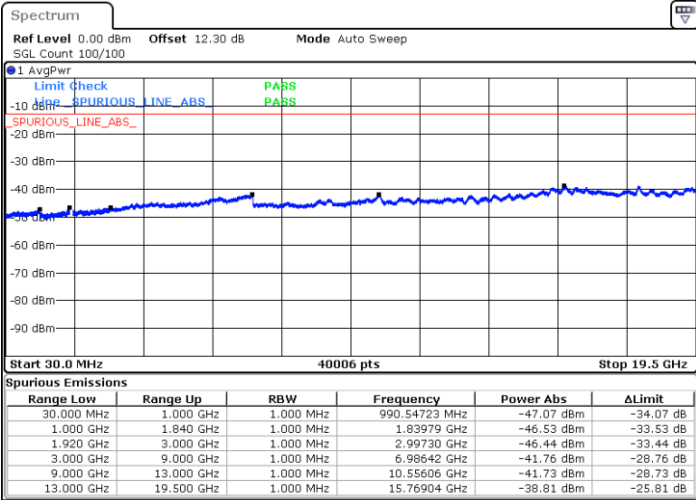
Date: 29 MAY 2020 15:44:22



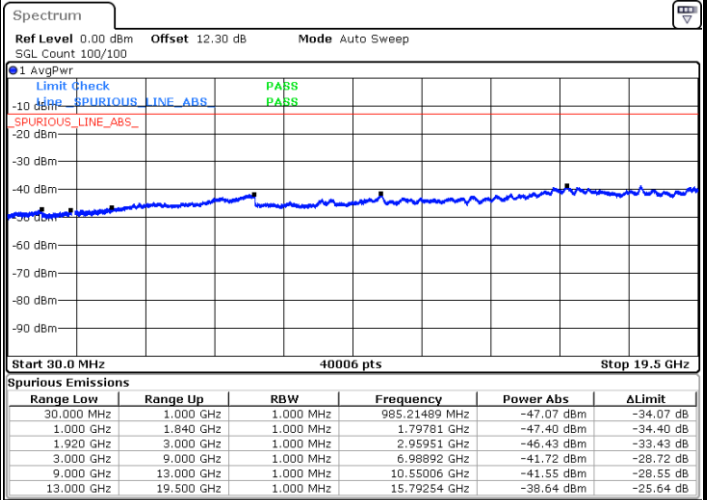
LTE Band 25 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

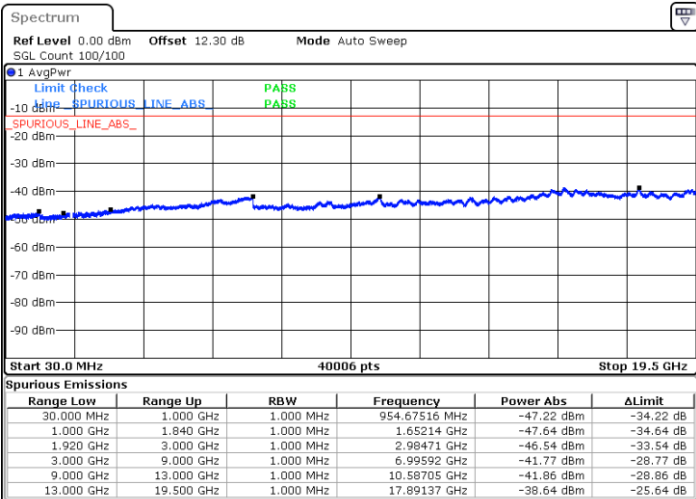


Date: 29 MAY 2020 16:17:53



Date: 29 MAY 2020 16:19:03

Highest Channel / 64QAM



Date: 29 MAY 2020 16:22:15



Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.49 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 26

### Peak-to-Average Ratio

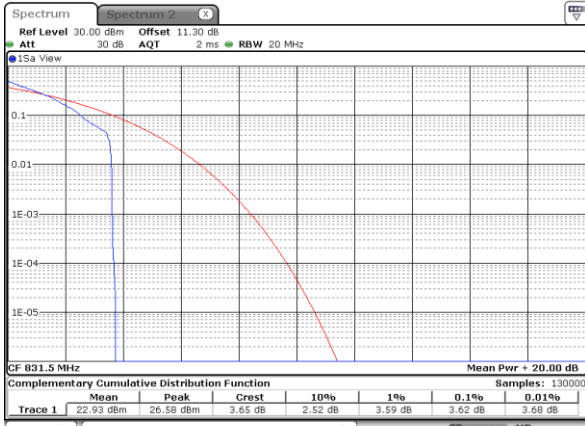
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	5.36	5.16	6.00	PASS
Middle CH	3.57	5.19	5.04	6.12	
Highest CH	3.59	5.19	5.33	5.97	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.29	6.49	-	-	PASS
Middle CH	7.25	6.70	-	-	
Highest CH	7.22	6.64	-	-	





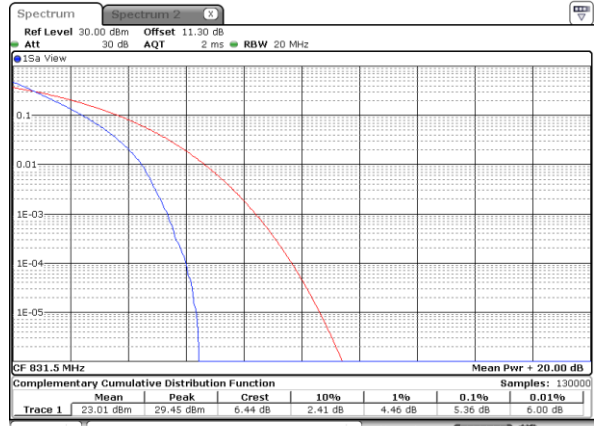
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



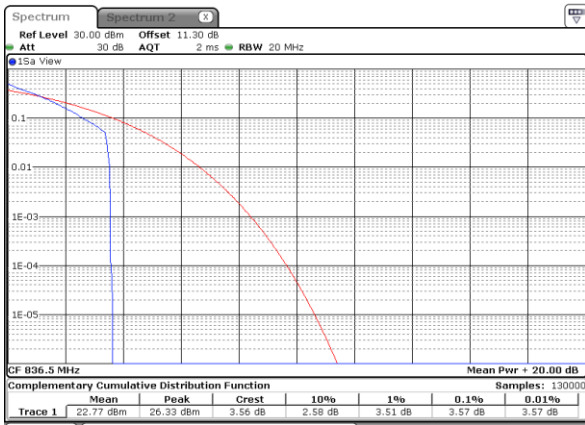
Date: 6 MAY 2020 21:45:43

Lowest Channel / Full RB



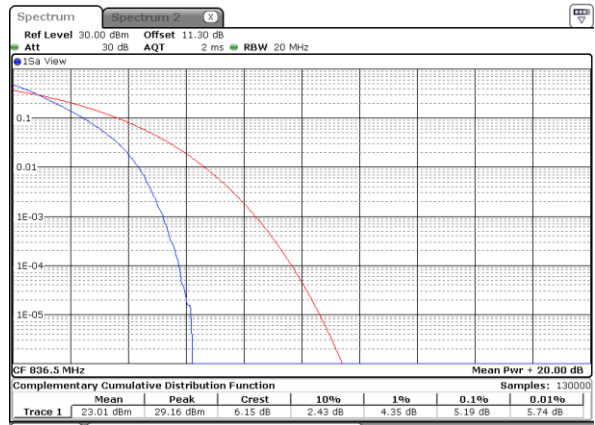
Date: 6 MAY 2020 21:45:12

Middle Channel / 1RB



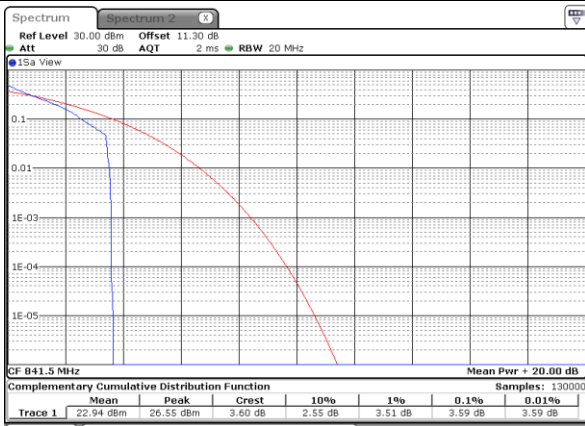
Date: 6 MAY 2020 21:45:53

Middle Channel / Full RB



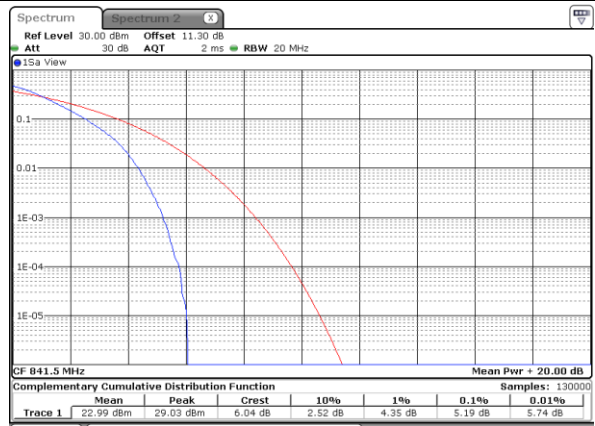
Date: 6 MAY 2020 21:48:10

Highest Channel / 1RB



Date: 6 MAY 2020 21:48:55

Highest Channel / Full RB

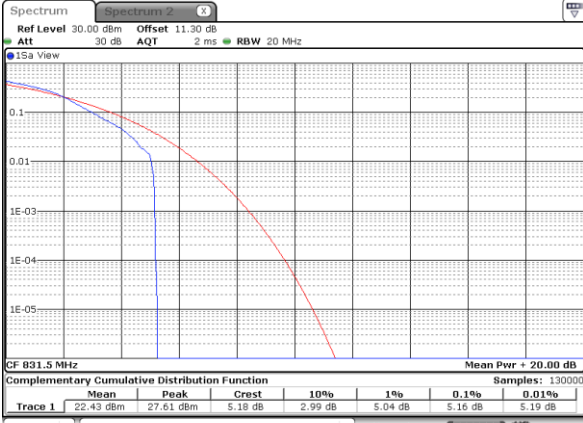


Date: 6 MAY 2020 21:48:21



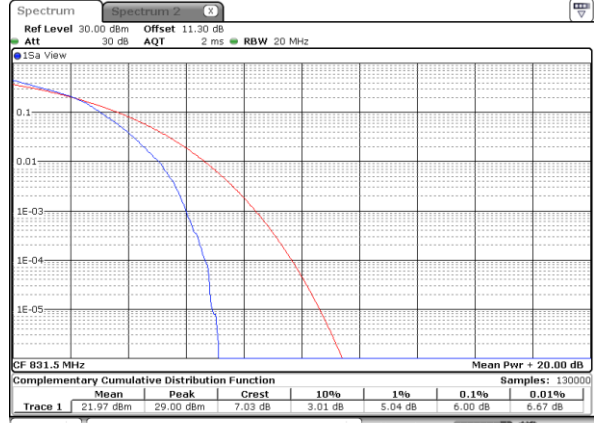
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



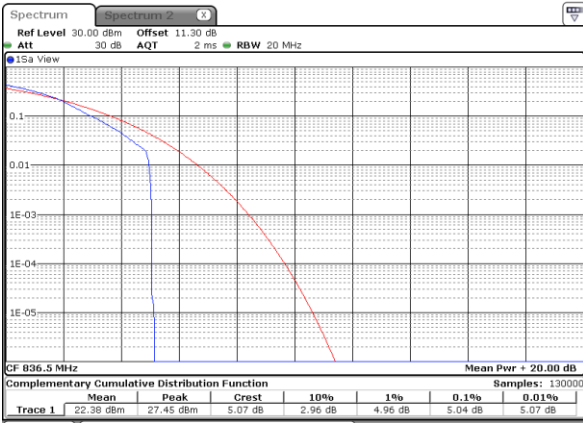
Date: 6 MAY 2020 21:45:33

Lowest Channel / Full RB



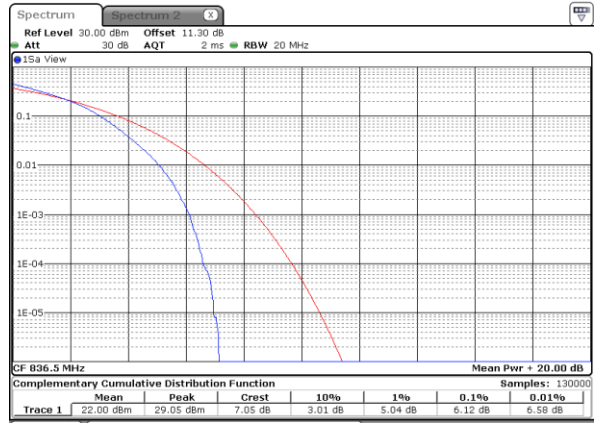
Date: 6 MAY 2020 21:45:22

Middle Channel / 1RB



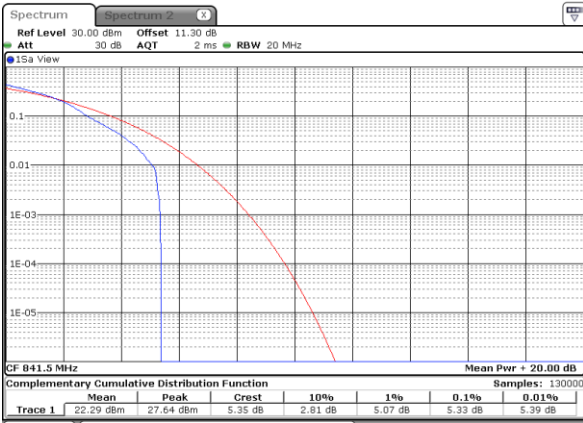
Date: 6 MAY 2020 21:46:04

Middle Channel / Full RB



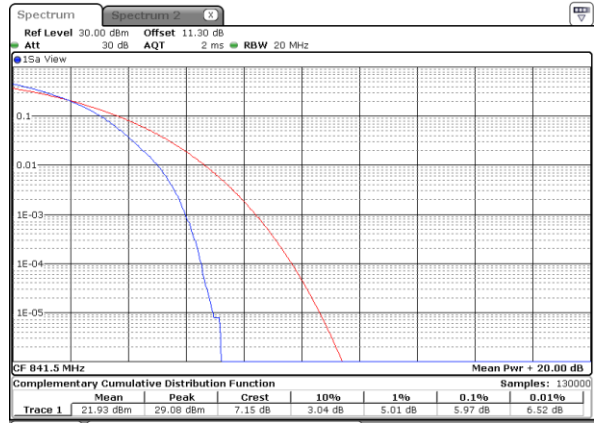
Date: 6 MAY 2020 21:48:00

Highest Channel / 1RB



Date: 6 MAY 2020 21:48:44

Highest Channel / Full RB

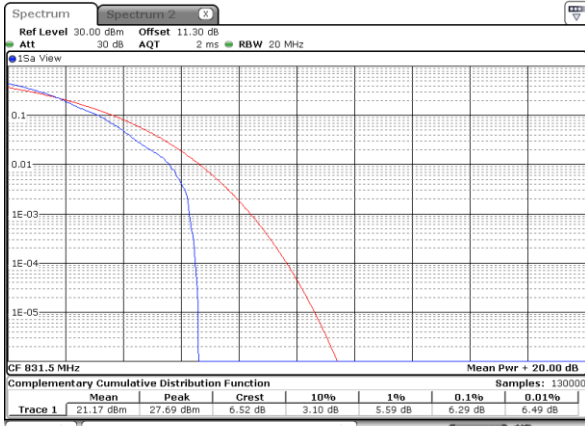


Date: 6 MAY 2020 21:48:33



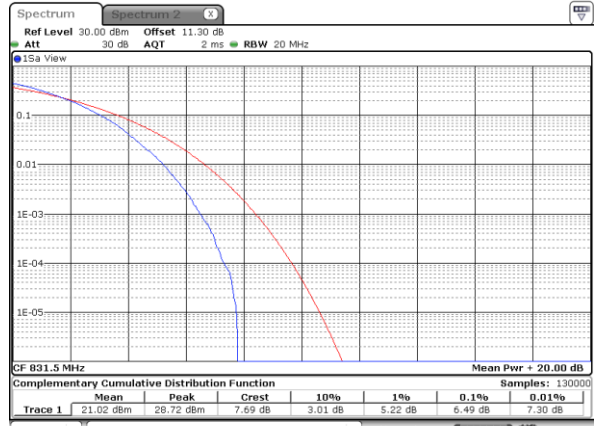
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



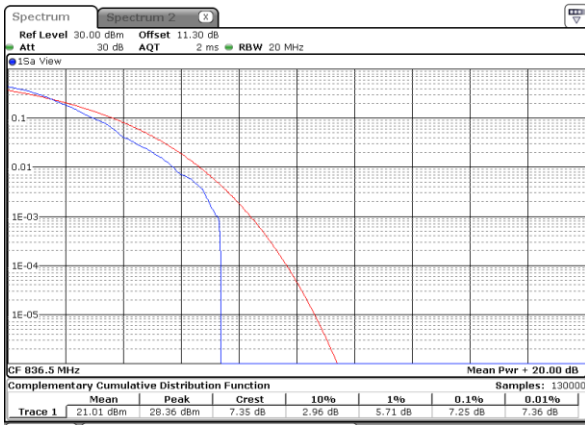
Date: 6 MAY 2020 21:49:16

Lowest Channel / Full RB



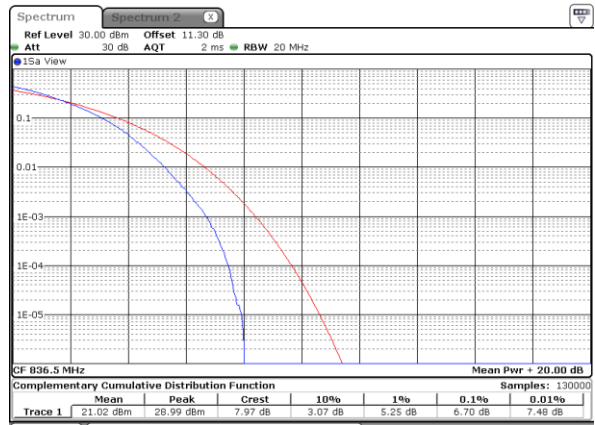
Date: 6 MAY 2020 21:49:06

Middle Channel / 1RB



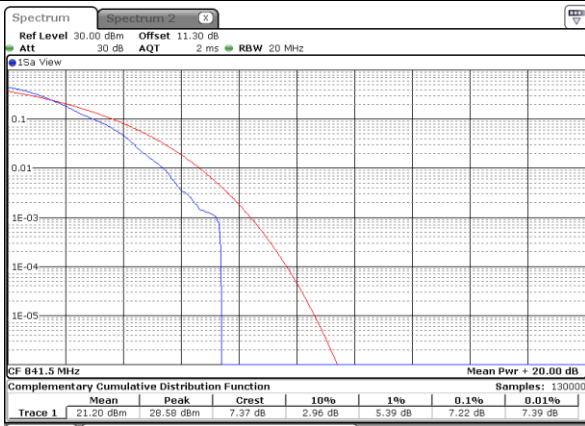
Date: 6 MAY 2020 21:49:27

Middle Channel / Full RB



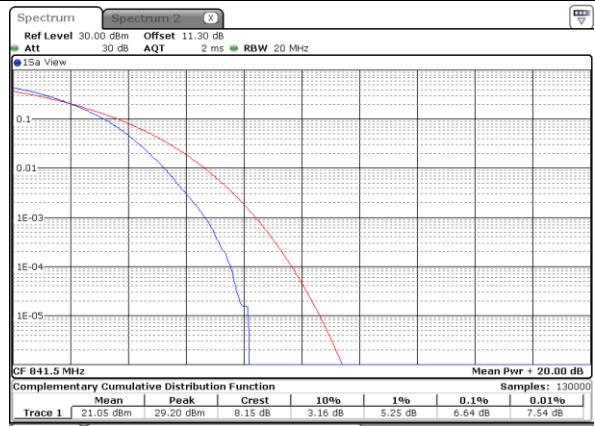
Date: 6 MAY 2020 21:49:38

Highest Channel / 1RB



Date: 6 MAY 2020 21:50:03

Highest Channel / Full RB



Date: 6 MAY 2020 21:49:52



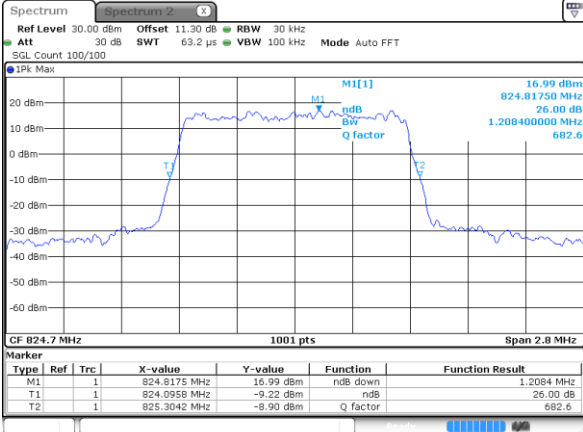
**26dB Bandwidth**

Mode	LTE Band 26 : 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	1.21	1.22	3.03	2.97	4.91	4.95	9.73	9.63	14.21	14.54	-	-
Middle CH	1.22	1.23	3.00	3.06	4.83	4.89	9.79	9.75	14.33	14.36	-	-
Highest CH	1.23	1.22	3.08	3.06	4.84	4.89	9.73	9.75	14.48	14.33	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.04	-	4.93	-	9.71	-	14.39	-	-	-
Middle CH	1.22	-	3.00	-	4.94	-	9.83	-	14.33	-	-	-
Highest CH	1.23	-	2.99	-	4.92	-	9.89	-	14.21	-	-	-



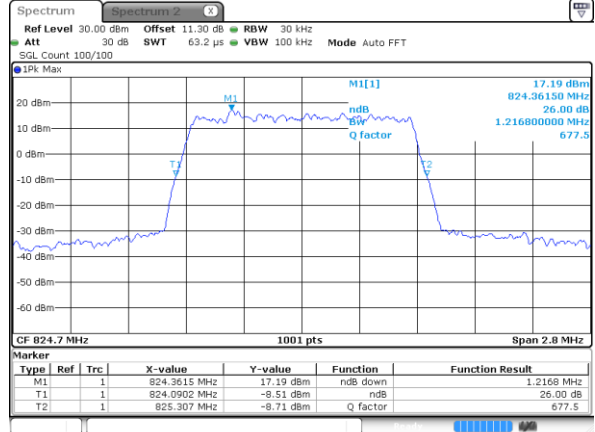
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



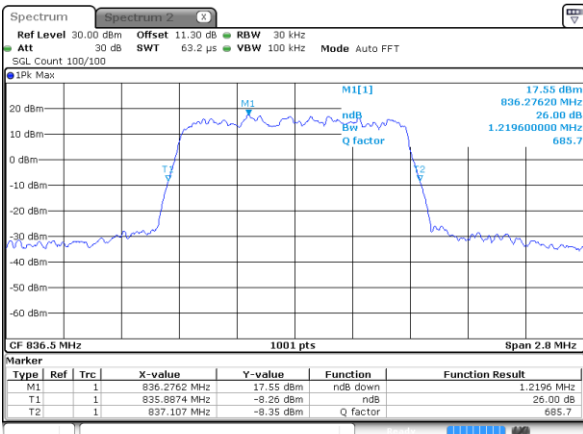
Date: 6 MAY 2020 19:44:36

Lowest Channel / 1.4MHz / 16QAM



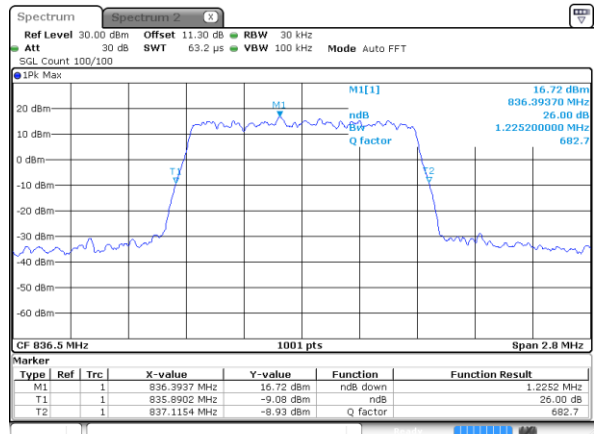
Date: 6 MAY 2020 19:44:24

Middle Channel / 1.4MHz / QPSK



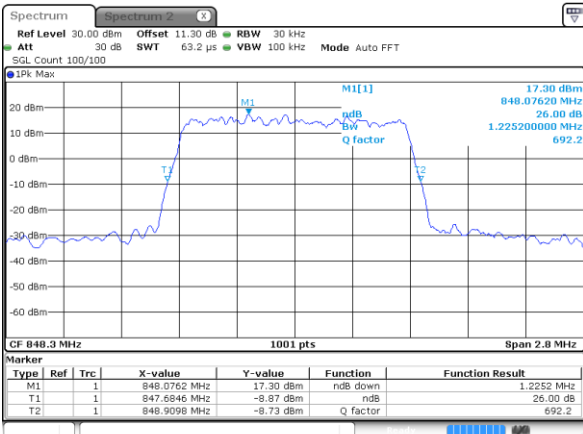
Date: 6 MAY 2020 19:53:29

Middle Channel / 1.4MHz / 16QAM



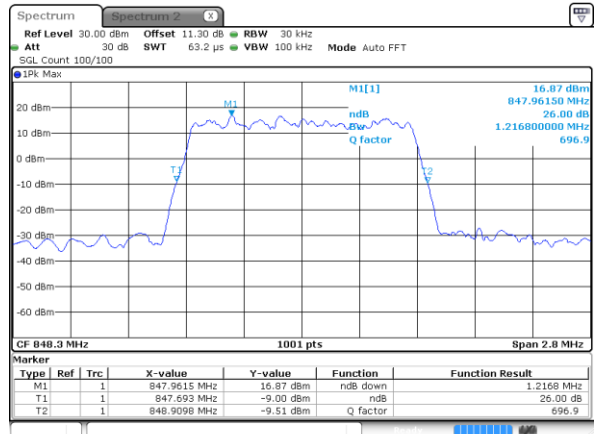
Date: 6 MAY 2020 19:53:17

Highest Channel / 1.4MHz / QPSK



Date: 6 MAY 2020 19:55:39

Highest Channel / 1.4MHz / 16QAM

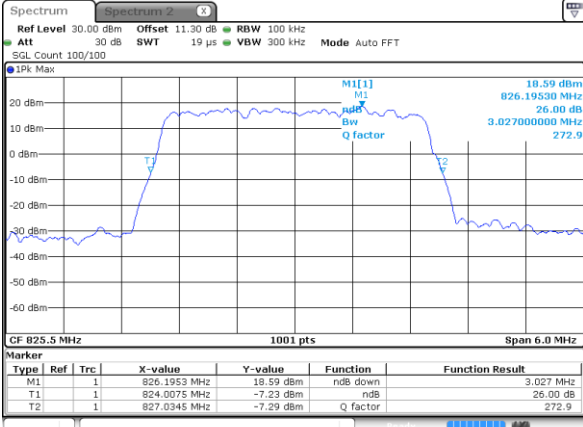


Date: 6 MAY 2020 19:55:27



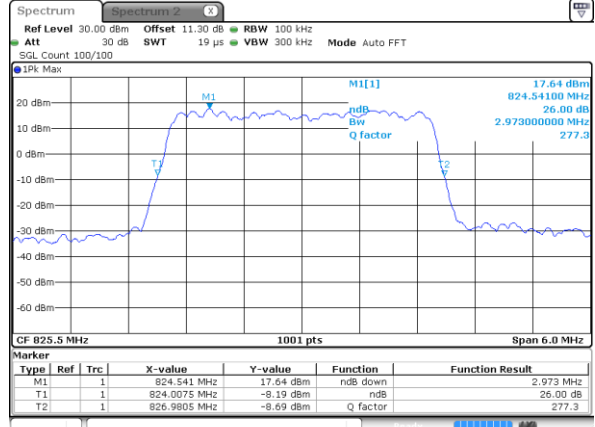
LTE Band 26

Lowest Channel / 3MHz / QPSK



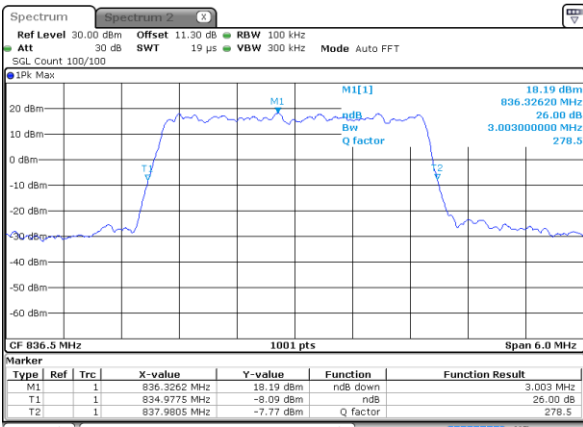
Date: 6 MAY 2020 20:24:27

Lowest Channel / 3MHz / 16QAM



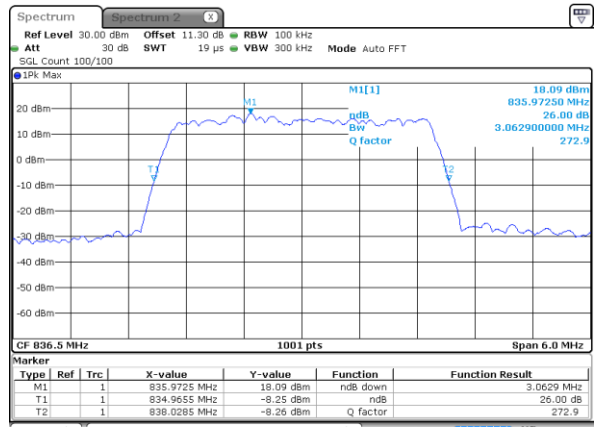
Date: 6 MAY 2020 20:24:15

Middle Channel / 3MHz / QPSK



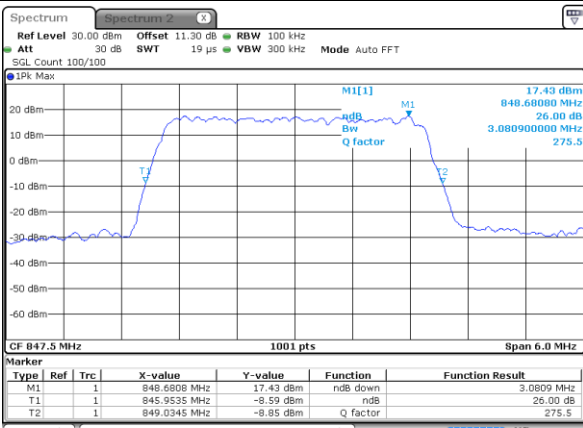
Date: 6 MAY 2020 20:33:20

Middle Channel / 3MHz / 16QAM



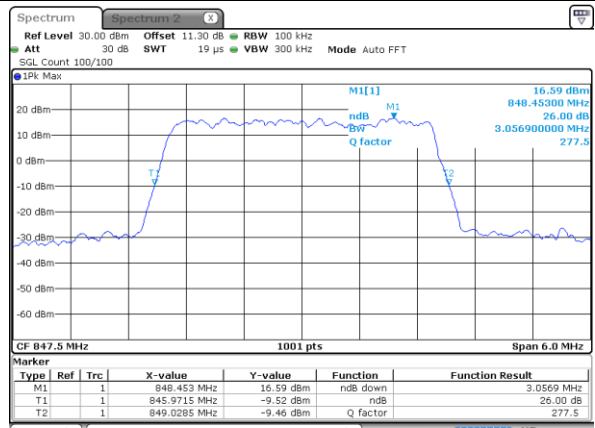
Date: 6 MAY 2020 20:33:08

Highest Channel / 3MHz / QPSK



Date: 6 MAY 2020 20:35:30

Highest Channel / 3MHz / 16QAM

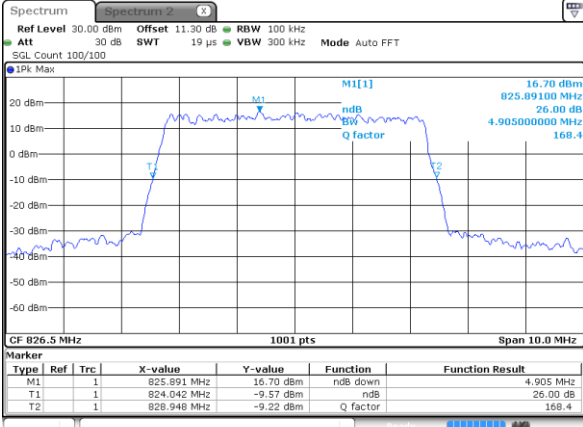


Date: 6 MAY 2020 20:35:18



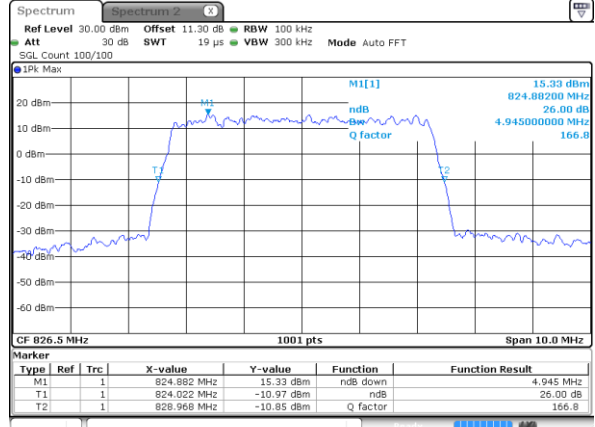
LTE Band 26

Lowest Channel / 5MHz / QPSK



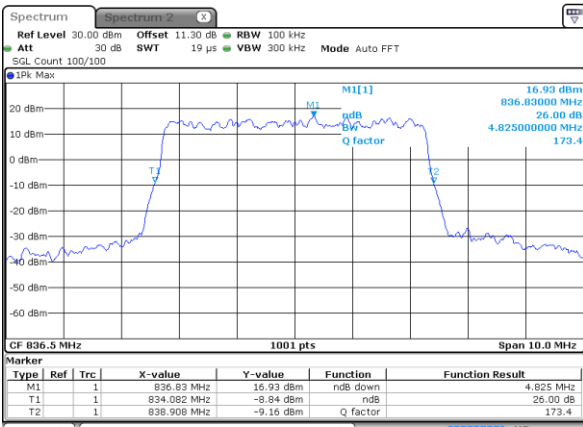
Date: 6 MAY 2020 20:51:56

Lowest Channel / 5MHz / 16QAM



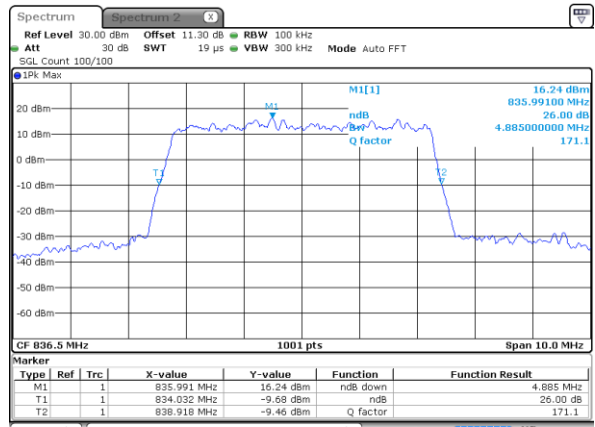
Date: 6 MAY 2020 20:51:44

Middle Channel / 5MHz / QPSK



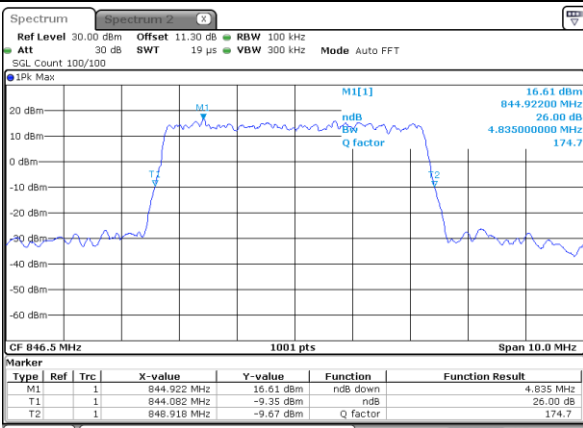
Date: 6 MAY 2020 20:56:48

Middle Channel / 5MHz / 16QAM



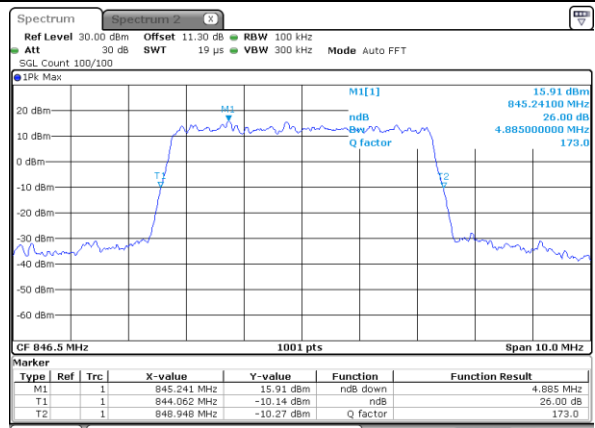
Date: 6 MAY 2020 20:56:36

Highest Channel / 5MHz / QPSK



Date: 6 MAY 2020 20:58:59

Highest Channel / 5MHz / 16QAM

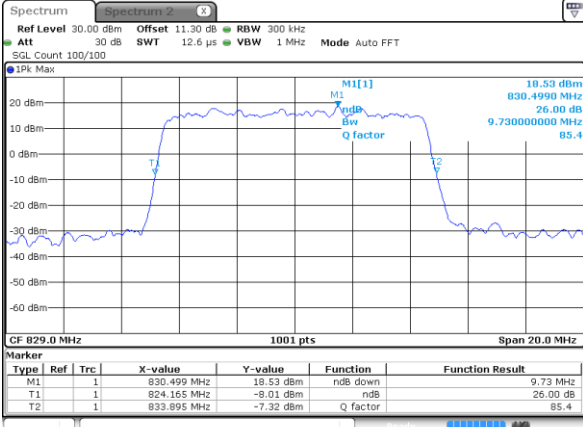


Date: 6 MAY 2020 20:58:47



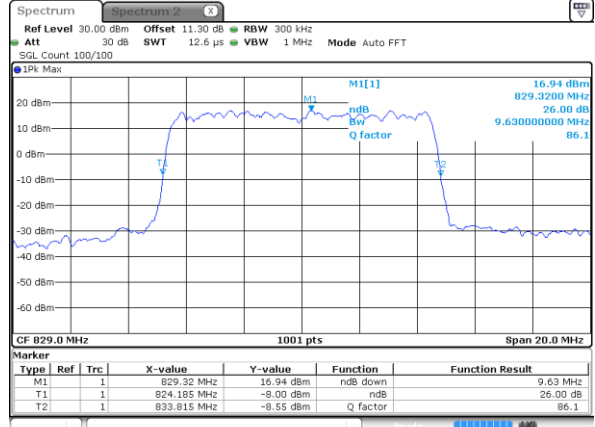
LTE Band 26

Lowest Channel / 10MHz / QPSK



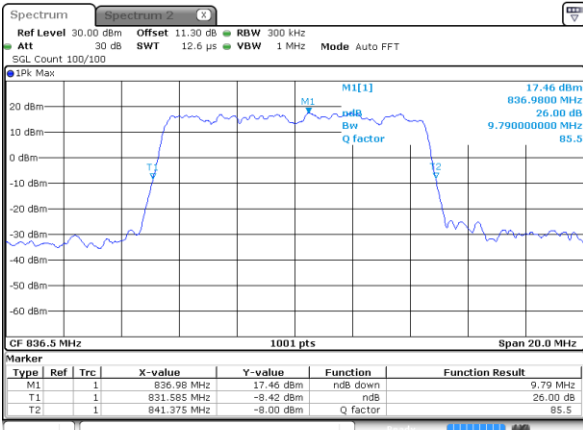
Date: 6 MAY 2020 21:09:56

Lowest Channel / 10MHz / 16QAM



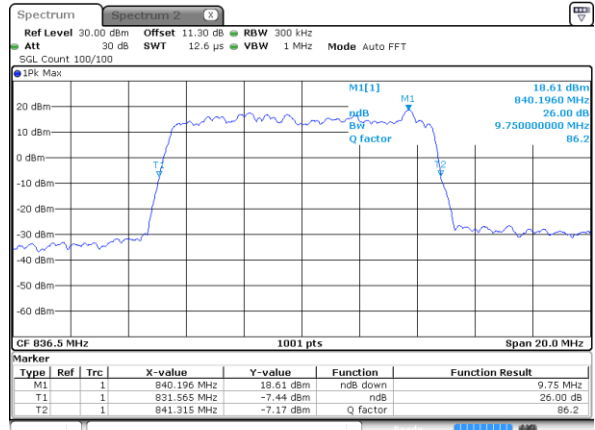
Date: 6 MAY 2020 21:09:44

Middle Channel / 10MHz / QPSK



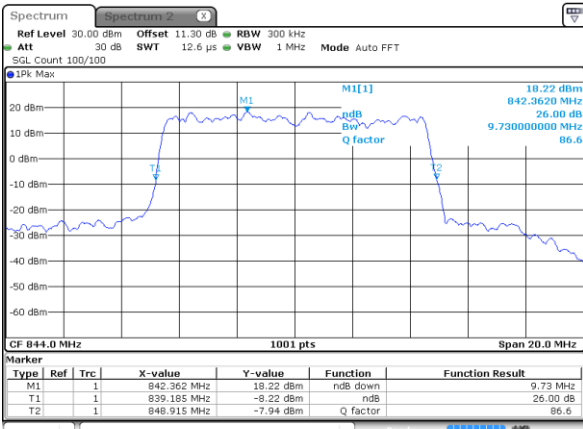
Date: 6 MAY 2020 21:14:49

Middle Channel / 10MHz / 16QAM



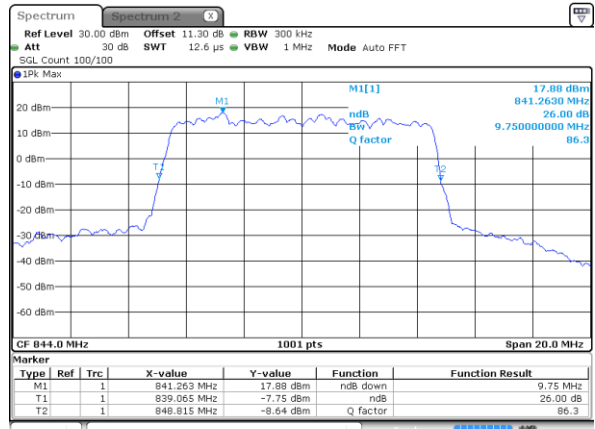
Date: 6 MAY 2020 21:14:37

Highest Channel / 10MHz / QPSK



Date: 6 MAY 2020 21:17:00

Highest Channel / 10MHz / 16QAM



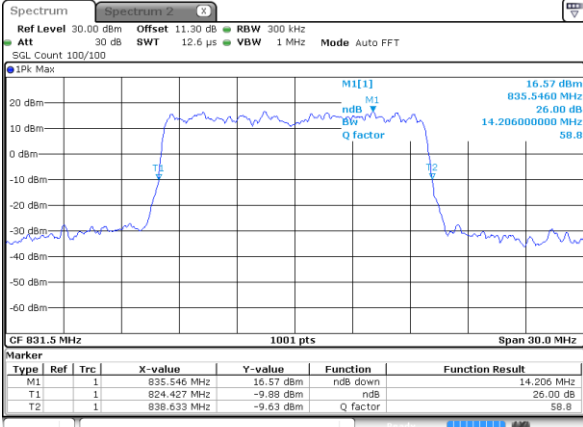
Date: 6 MAY 2020 21:16:48





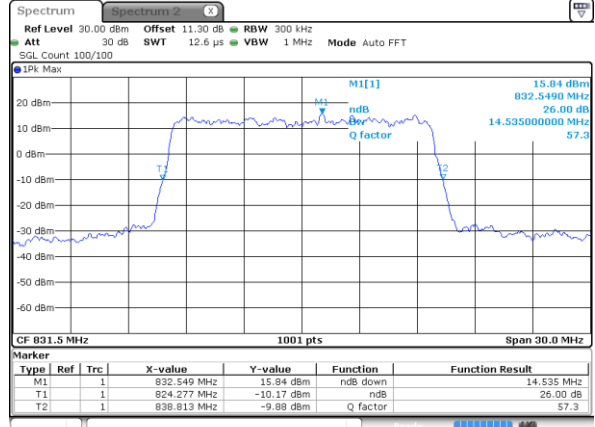
LTE Band 26

Lowest Channel / 15MHz / QPSK



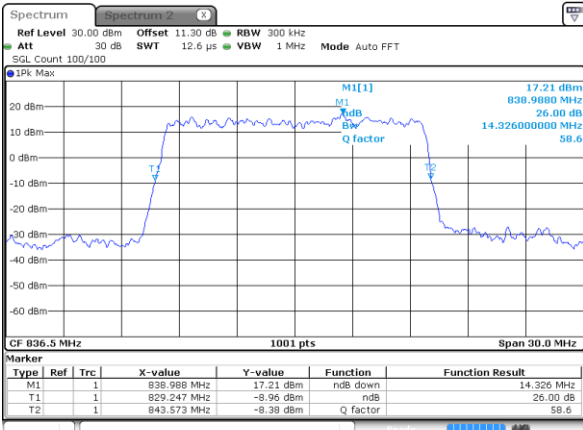
Date: 6 MAY 2020 21:33:45

Lowest Channel / 15MHz / 16QAM



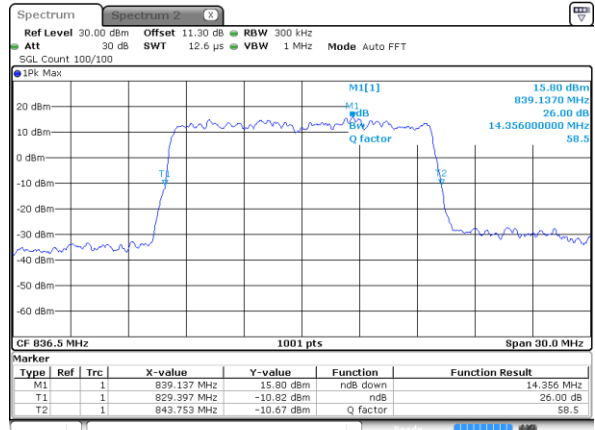
Date: 6 MAY 2020 21:33:33

Middle Channel / 15MHz / QPSK



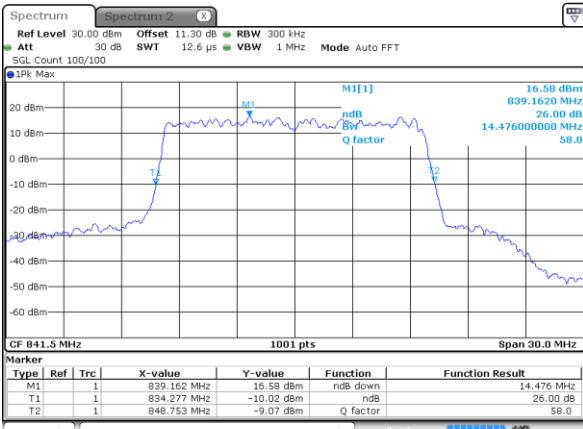
Date: 6 MAY 2020 21:38:33

Middle Channel / 15MHz / 16QAM



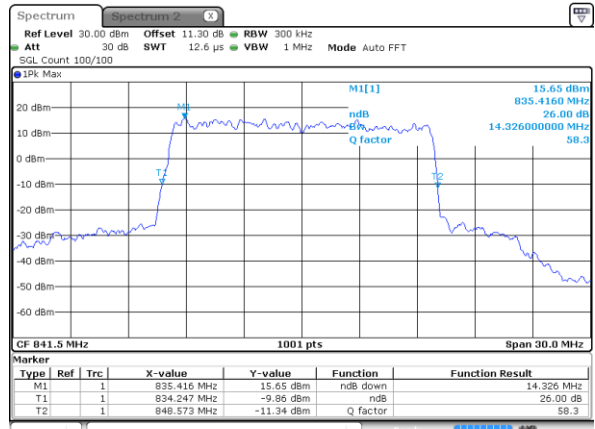
Date: 6 MAY 2020 21:38:21

Highest Channel / 15MHz / QPSK



Date: 6 MAY 2020 21:40:44

Highest Channel / 15MHz / 16QAM

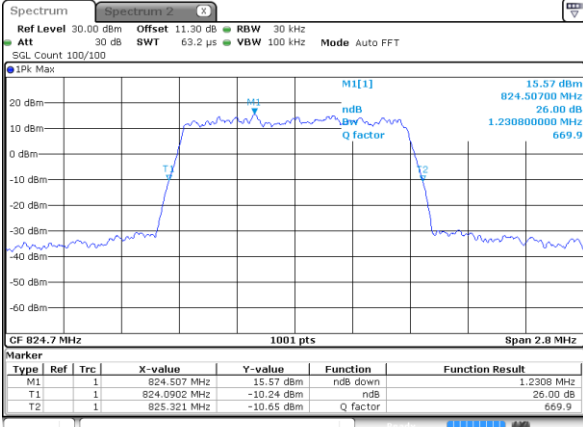


Date: 6 MAY 2020 21:40:32



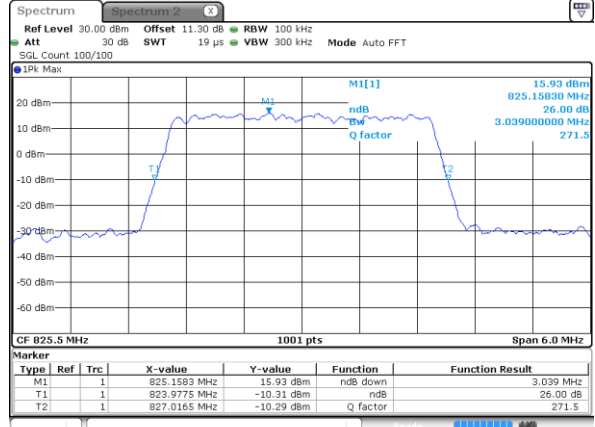
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



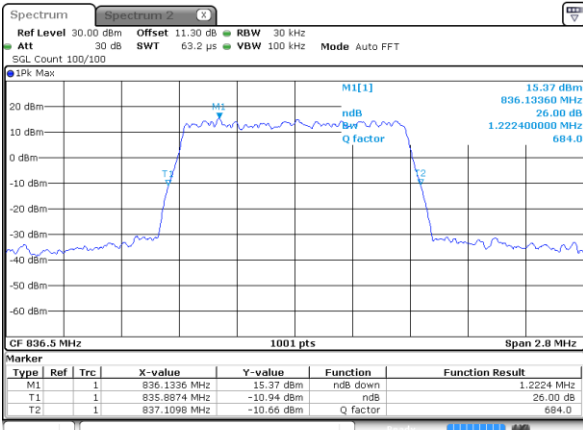
Date: 6 MAY 2020 20:04:08

Lowest Channel / 3MHz / 64QAM



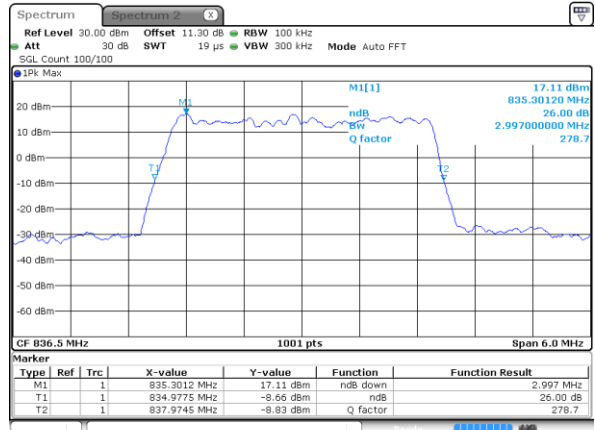
Date: 6 MAY 2020 20:14:06

Middle Channel / 1.4MHz / 64QAM



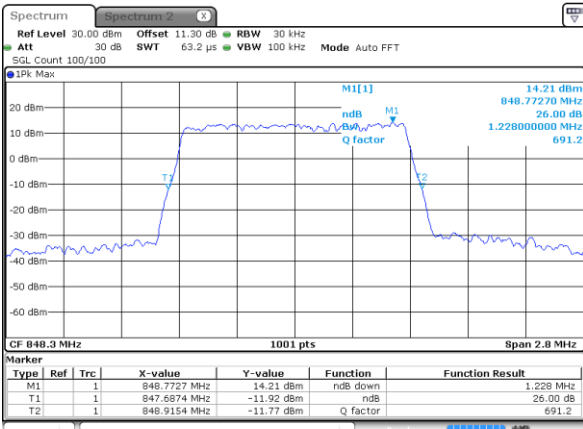
Date: 6 MAY 2020 20:08:34

Middle Channel / 3MHz / 64QAM



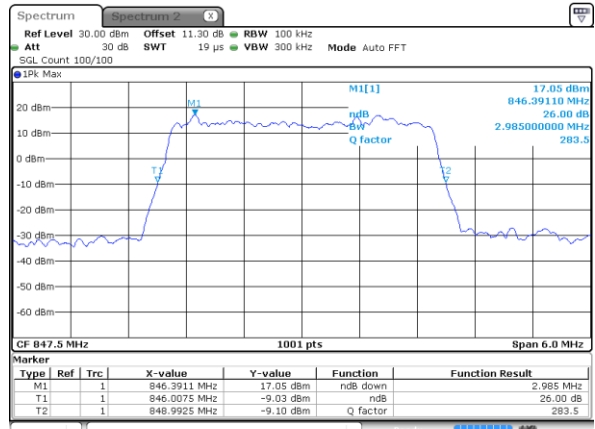
Date: 6 MAY 2020 20:18:32

Highest Channel / 1.4MHz / 64QAM



Date: 6 MAY 2020 20:09:39

Highest Channel / 3MHz / 64QAM

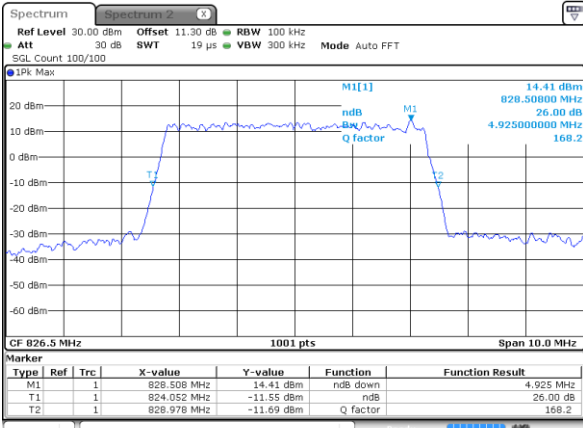


Date: 6 MAY 2020 20:19:37



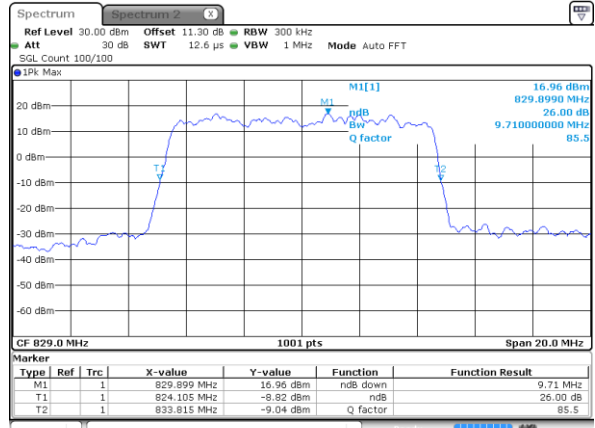
LTE Band 26

Lowest Channel / 5MHz / 64QAM



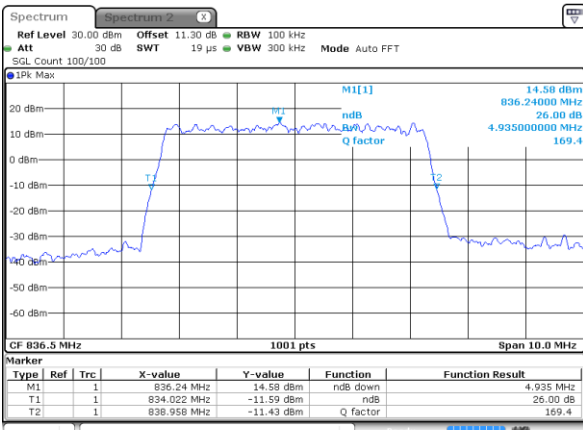
Date: 6 MAY 2020 21:03:31

Lowest Channel / 10MHz / 64QAM



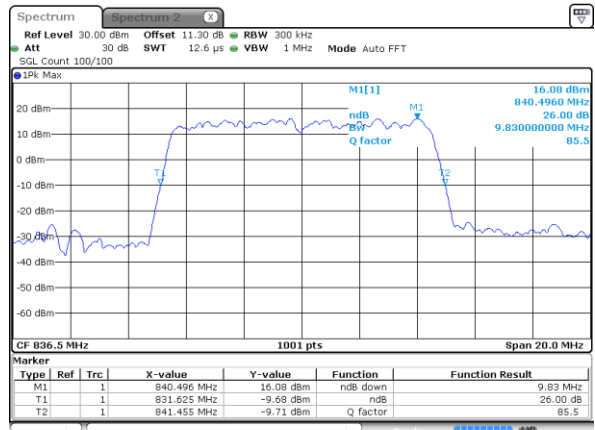
Date: 6 MAY 2020 21:21:29

Middle Channel / 5MHz / 64QAM



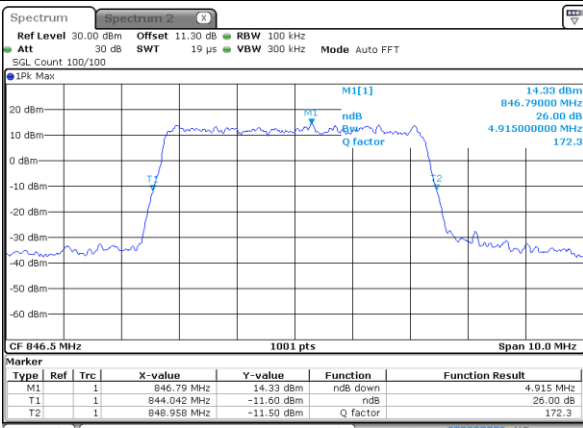
Date: 6 MAY 2020 21:05:58

Middle Channel / 10MHz / 64QAM



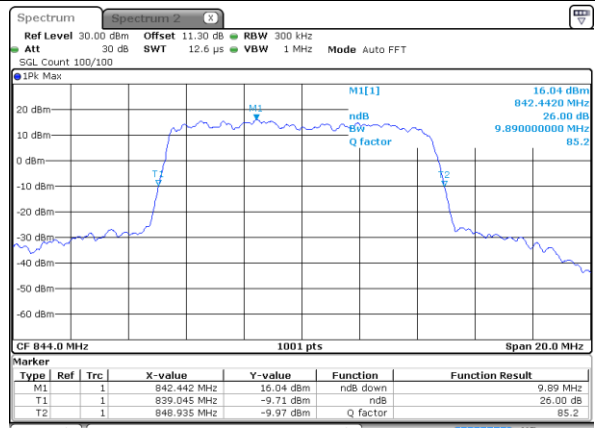
Date: 6 MAY 2020 21:23:55

Highest Channel / 5MHz / 64QAM



Date: 6 MAY 2020 21:07:03

Highest Channel / 10MHz / 64QAM

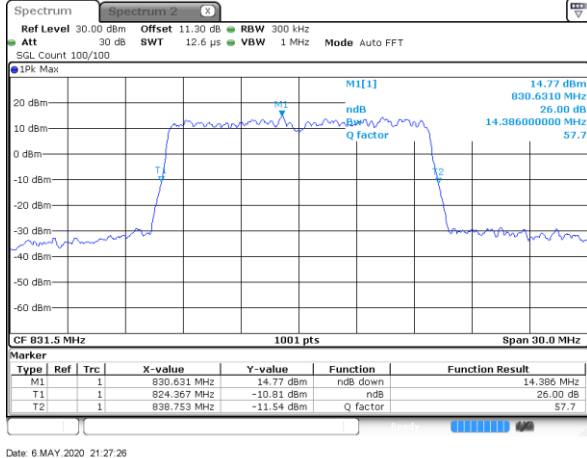


Date: 6 MAY 2020 21:25:00



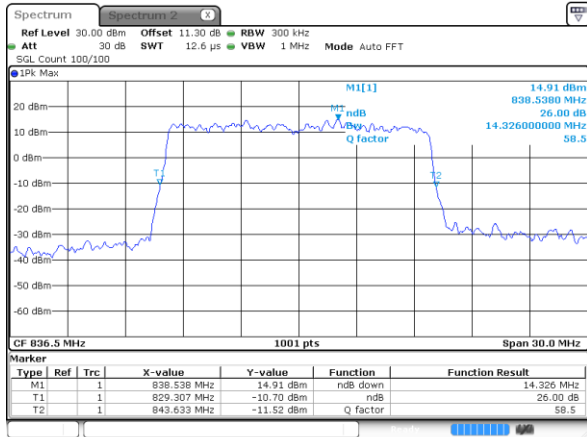
LTE Band 26

Lowest Channel / 15MHz / 64QAM



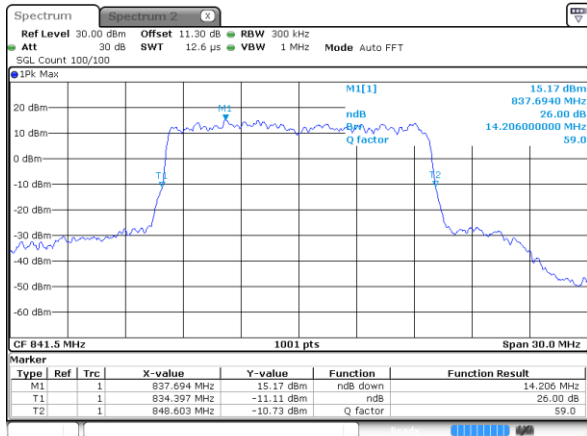
Date: 6 MAY 2020 21:27:26

Middle Channel / 15MHz / 64QAM



Date: 6 MAY 2020 21:29:51

Highest Channel / 15MHz / 64QAM



Date: 6 MAY 2020 21:30:56



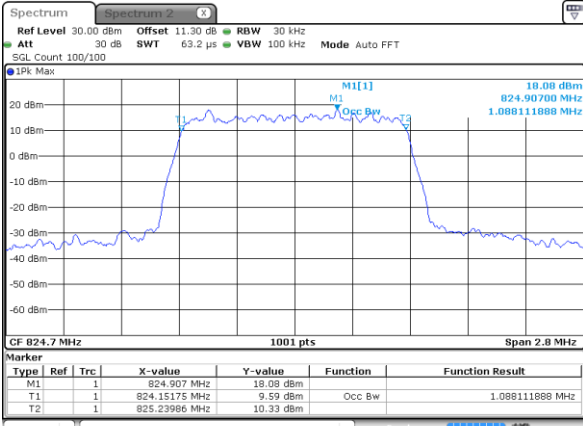
**Occupied Bandwidth**

Mode	LTE Band 26 : 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	1.09	1.10	2.72	2.72	4.51	4.49	8.97	9.03	13.46	13.49	-	-
Middle CH	1.10	1.09	2.70	2.73	4.50	4.47	9.03	9.03	13.49	13.37	-	-
Highest CH	1.09	1.10	2.72	2.72	4.50	4.48	8.97	8.97	13.46	13.40	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	9.01	-	13.46	-	-	-
Middle CH	1.09	-	2.72	-	4.50	-	9.01	-	13.43	-	-	-
Highest CH	1.09	-	2.72	-	4.50	-	9.01	-	13.40	-	-	-

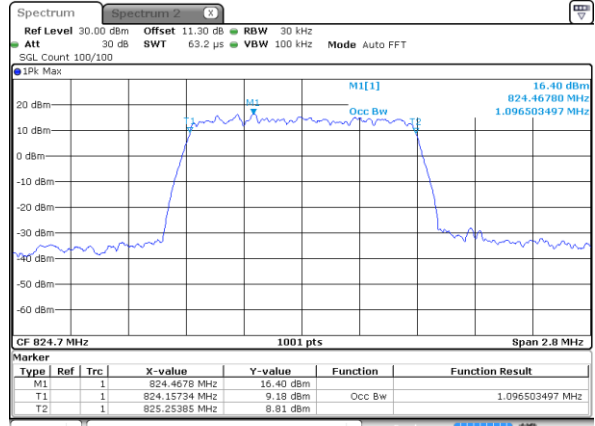


LTE Band 26

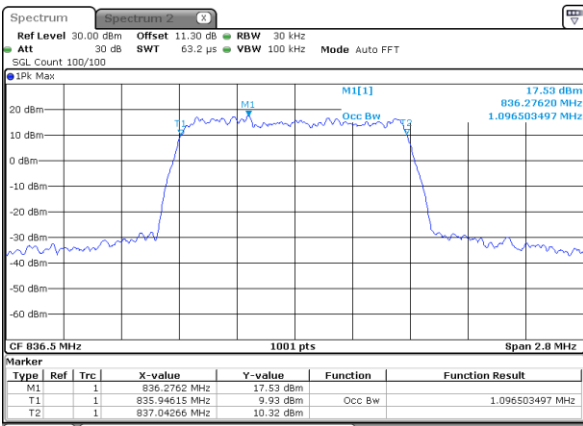
Lowest Channel / 1.4MHz / QPSK



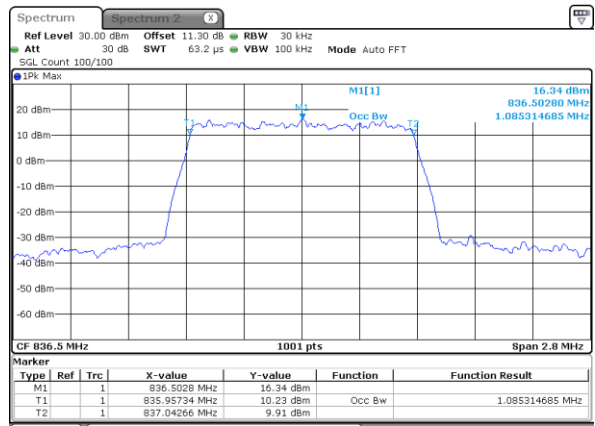
Lowest Channel / 1.4MHz / 16QAM



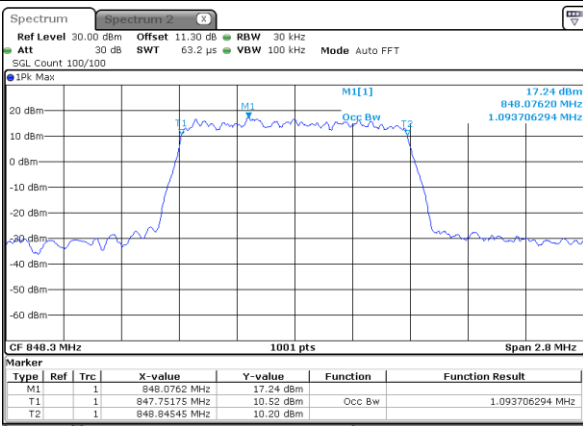
Middle Channel / 1.4MHz / QPSK



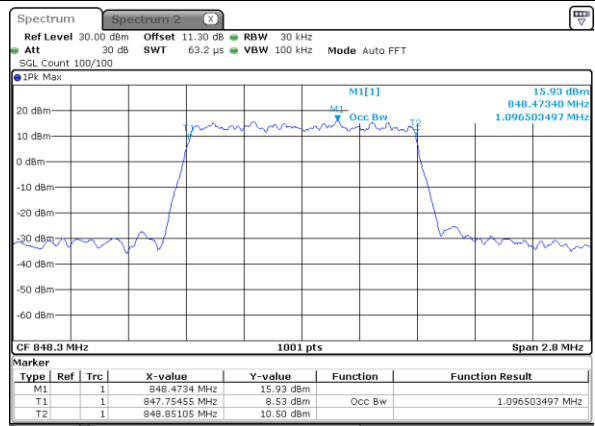
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



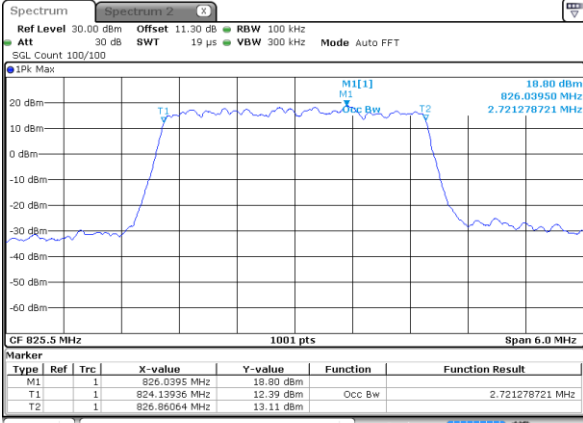
Highest Channel / 1.4MHz / 16QAM





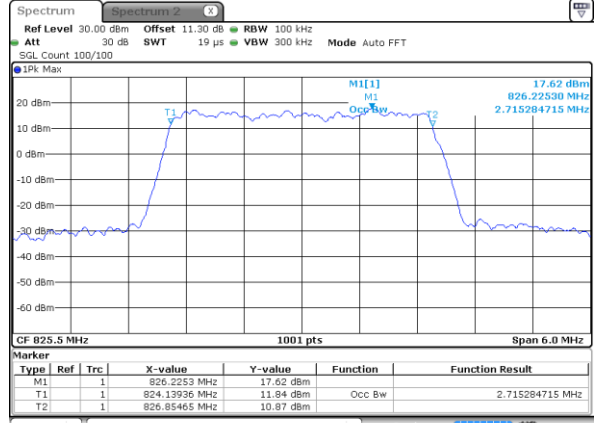
LTE Band 26

Lowest Channel / 3MHz / QPSK



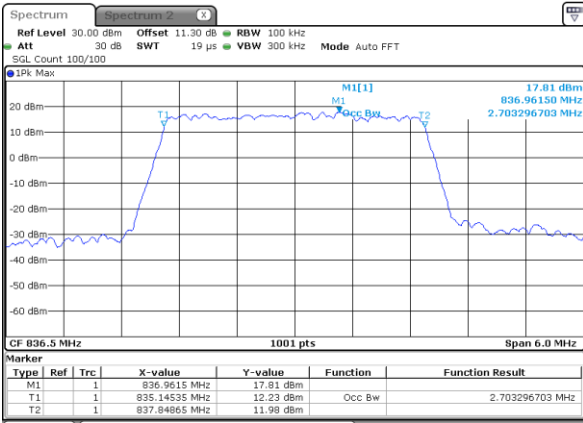
Date: 6 MAY 2020 20:23:51

Lowest Channel / 3MHz / 16QAM



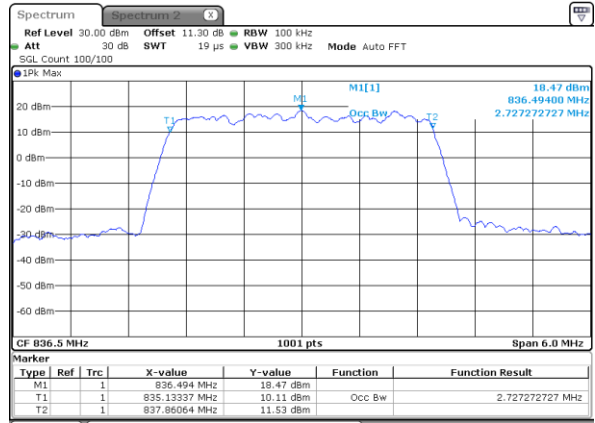
Date: 6 MAY 2020 20:24:03

Middle Channel / 3MHz / QPSK



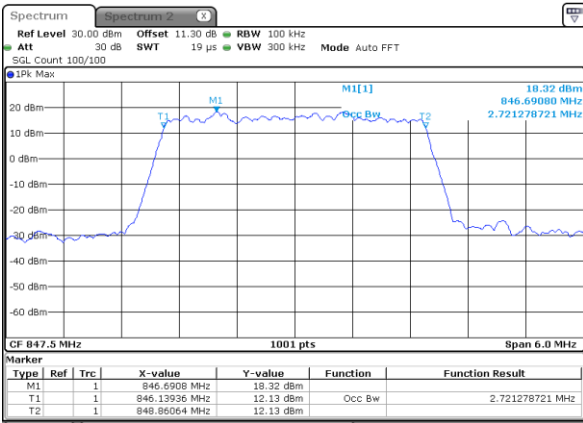
Date: 6 MAY 2020 20:32:43

Middle Channel / 3MHz / 16QAM



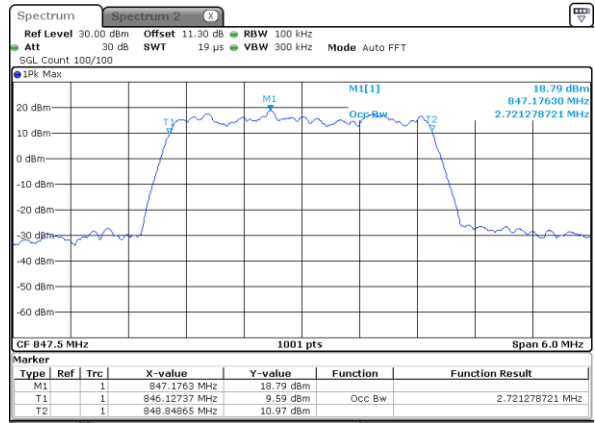
Date: 6 MAY 2020 20:32:56

Highest Channel / 3MHz / QPSK



Date: 6 MAY 2020 20:34:54

Highest Channel / 3MHz / 16QAM

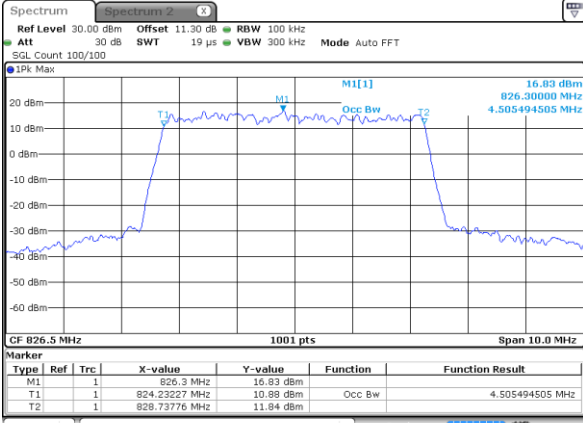


Date: 6 MAY 2020 20:35:06



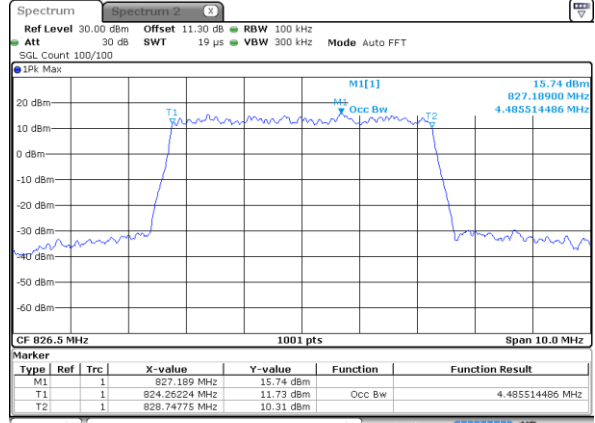
LTE Band 26

Lowest Channel / 5MHz / QPSK



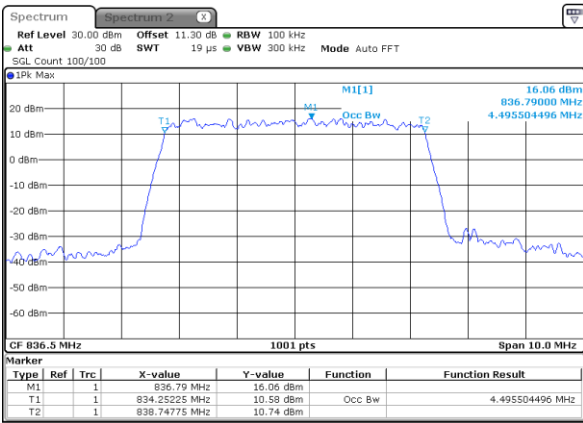
Date: 6 MAY 2020 20:51:19

Lowest Channel / 5MHz / 16QAM



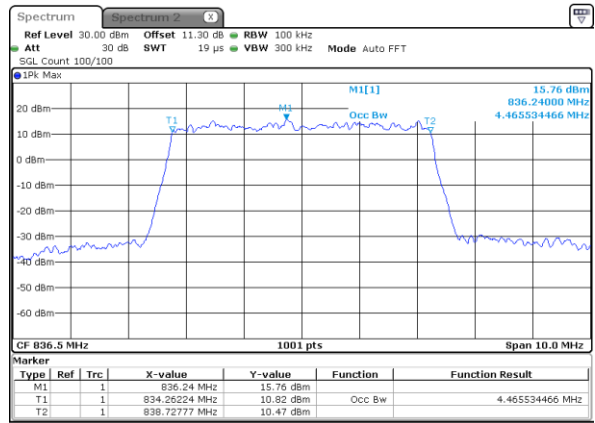
Date: 6 MAY 2020 20:51:32

Middle Channel / 5MHz / QPSK



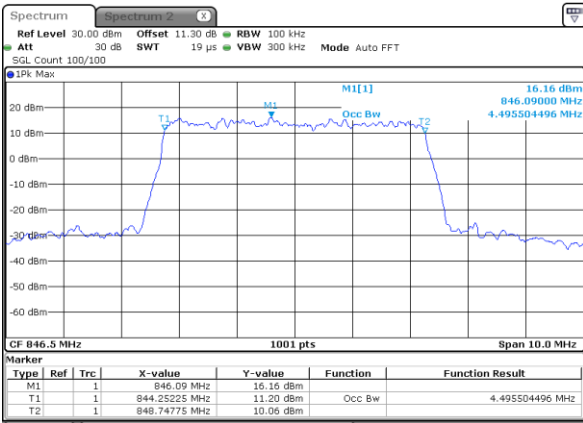
Date: 6 MAY 2020 20:56:12

Middle Channel / 5MHz / 16QAM



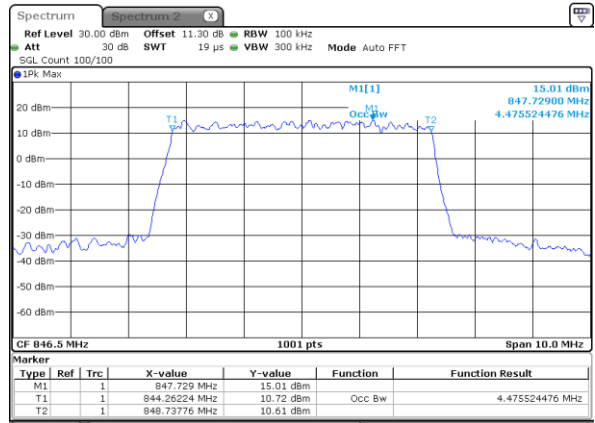
Date: 6 MAY 2020 20:56:24

Highest Channel / 5MHz / QPSK



Date: 6 MAY 2020 20:58:22

Highest Channel / 5MHz / 16QAM



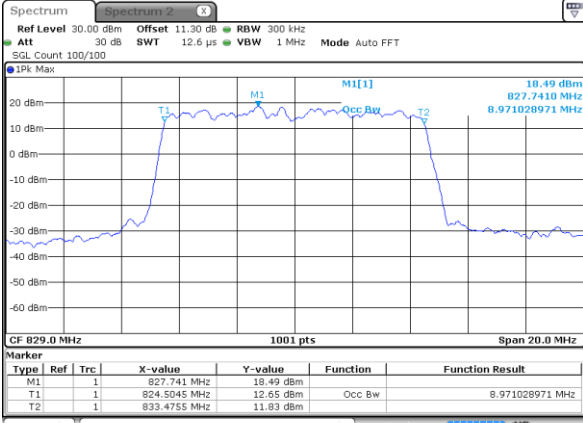
Date: 6 MAY 2020 20:58:35





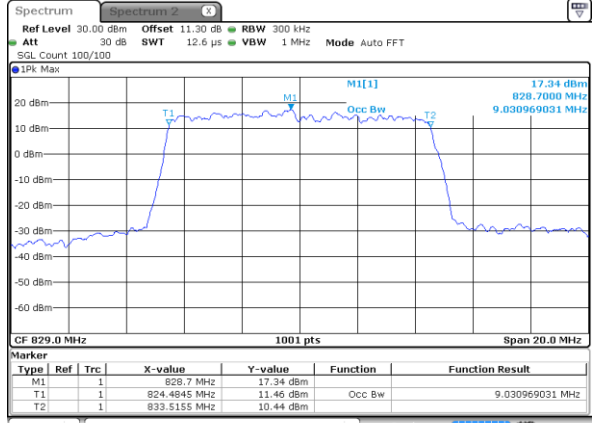
LTE Band 26

Lowest Channel / 10MHz / QPSK



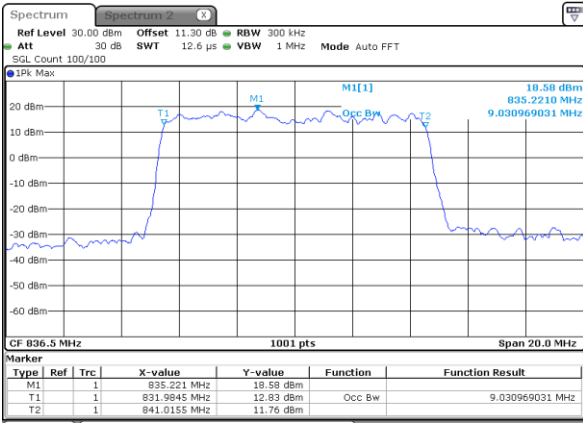
Date: 6 MAY 2020 21:09:20

Lowest Channel / 10MHz / 16QAM



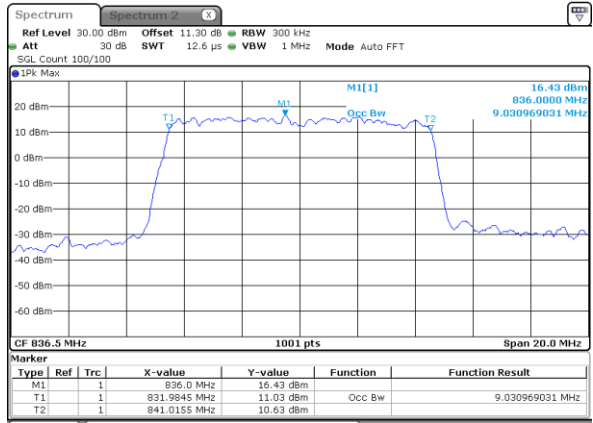
Date: 6 MAY 2020 21:09:32

Middle Channel / 10MHz / QPSK



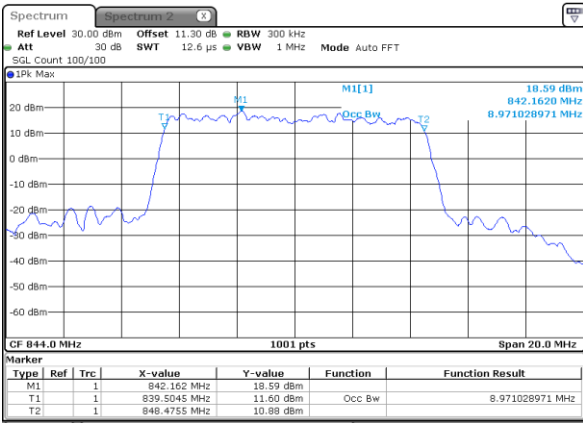
Date: 6 MAY 2020 21:14:13

Middle Channel / 10MHz / 16QAM



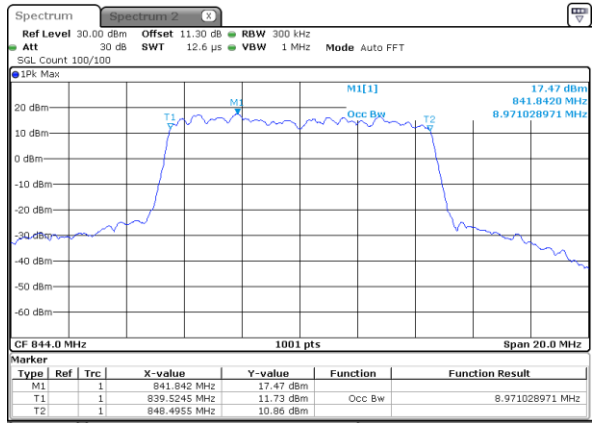
Date: 6 MAY 2020 21:14:25

Highest Channel / 10MHz / QPSK



Date: 6 MAY 2020 21:16:23

Highest Channel / 10MHz / 16QAM

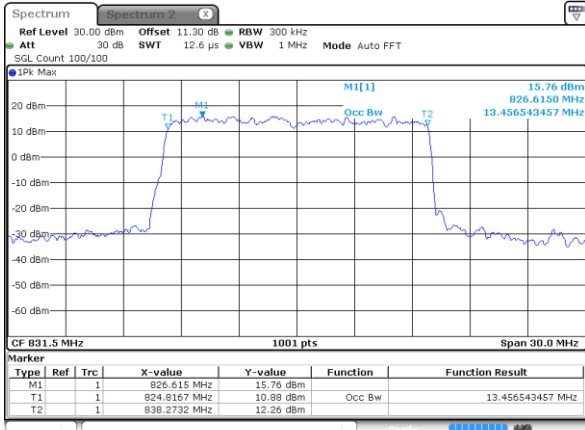


Date: 6 MAY 2020 21:16:36



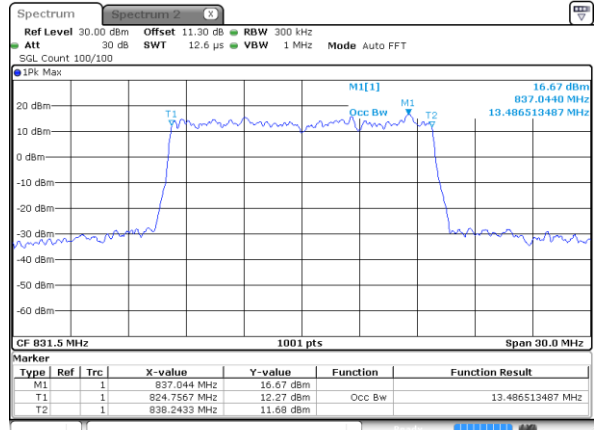
LTE Band 26

Lowest Channel / 15MHz / QPSK



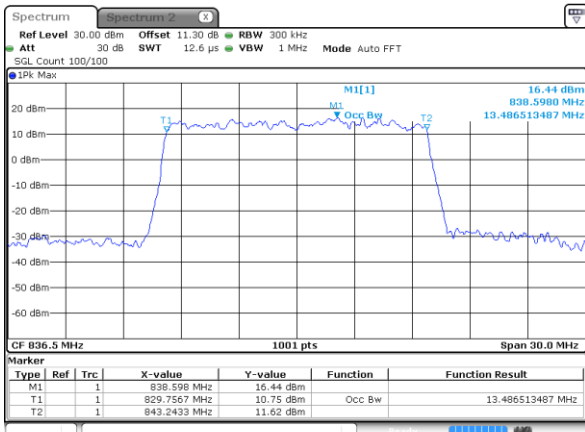
Date: 6 MAY 2020 21:33:10

Lowest Channel / 15MHz / 16QAM



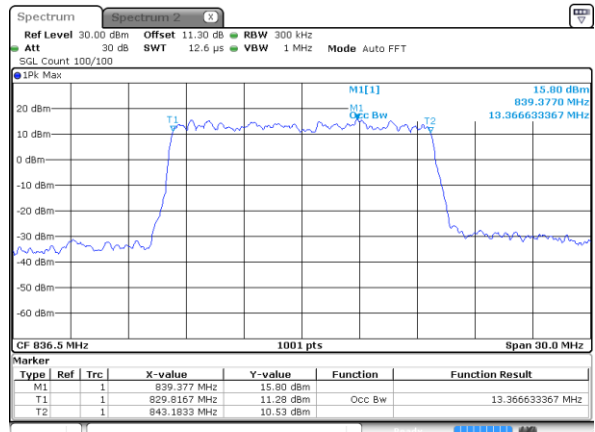
Date: 6 MAY 2020 21:33:22

Middle Channel / 15MHz / QPSK



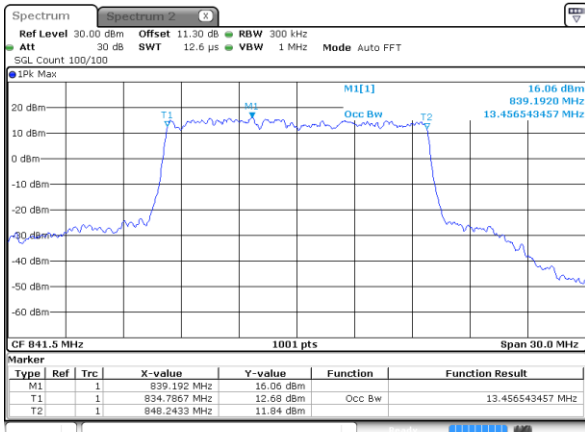
Date: 6 MAY 2020 21:37:57

Middle Channel / 15MHz / 16QAM



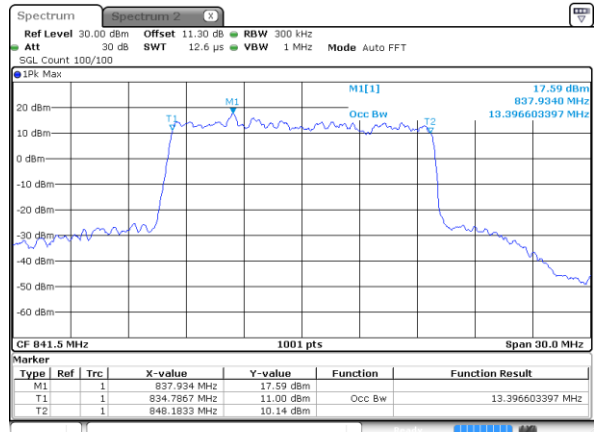
Date: 6 MAY 2020 21:38:09

Highest Channel / 15MHz / QPSK



Date: 6 MAY 2020 21:40:08

Highest Channel / 15MHz / 16QAM

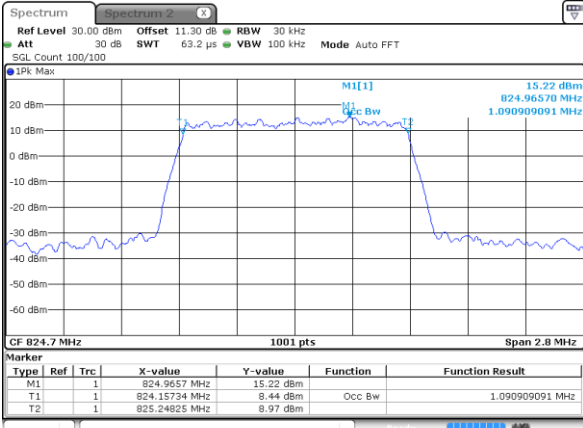


Date: 6 MAY 2020 21:40:20



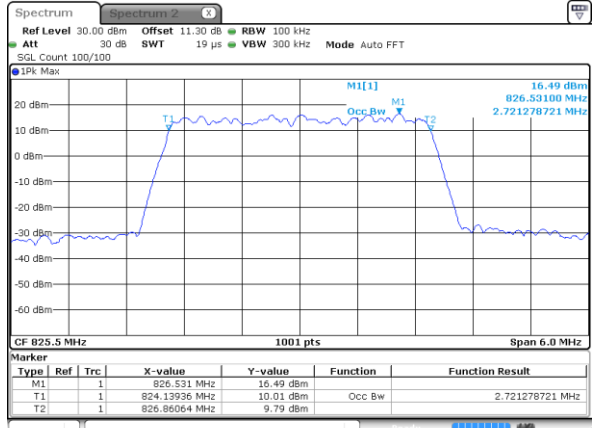
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



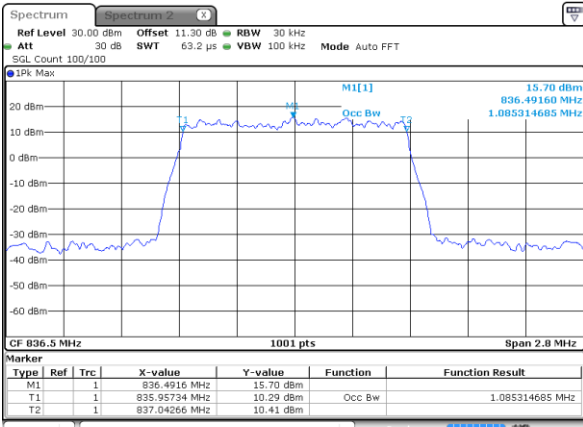
Date: 6 MAY 2020 20:03:55

Lowest Channel / 3MHz / 64QAM



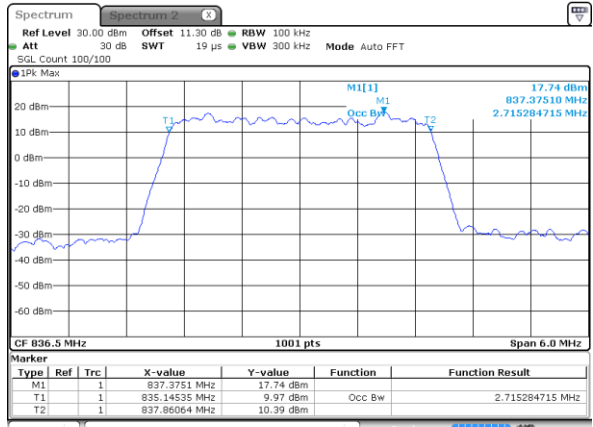
Date: 6 MAY 2020 20:13:53

Middle Channel / 1.4MHz / 64QAM



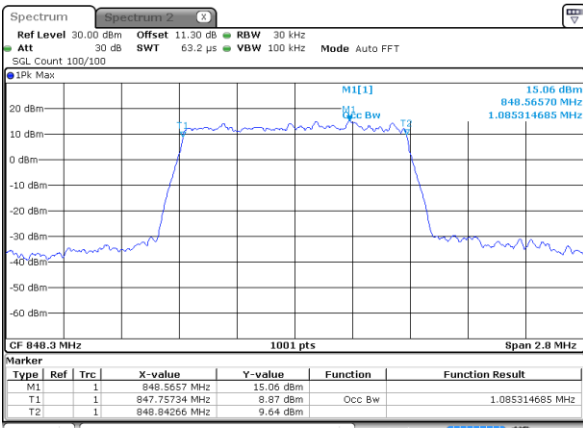
Date: 6 MAY 2020 20:08:21

Middle Channel / 3MHz / 64QAM



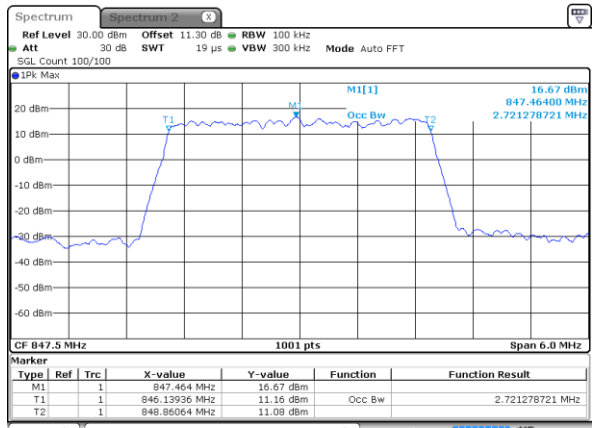
Date: 6 MAY 2020 20:18:20

Highest Channel / 1.4MHz / 64QAM



Date: 6 MAY 2020 20:09:27

Highest Channel / 3MHz / 64QAM



Date: 6 MAY 2020 20:19:25