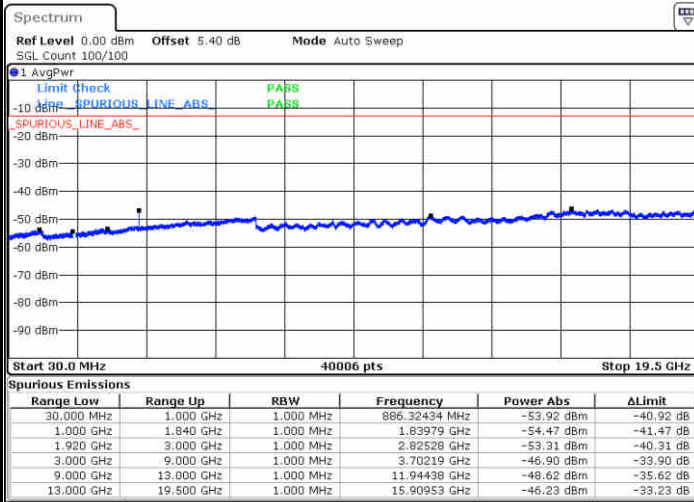




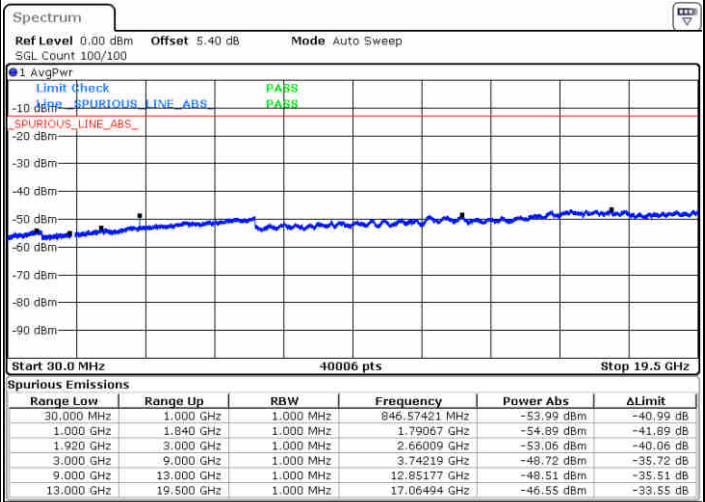
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



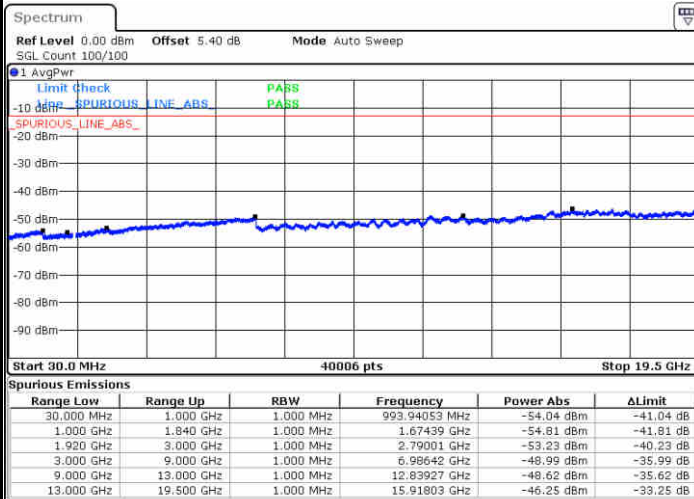
Date: 16 JAN 2020 15:00:16

Middle Channel / 64QAM



Date: 16 JAN 2020 15:04:49

Highest Channel / 64QAM



Date: 16 JAN 2020 15:14:28

**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	0.0040	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.40 V.
2. Note: 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	3.42	4.90	4.41	5.83	PASS
Middle CH	3.65	4.78	4.29	5.62	
Highest CH	3.51	4.90	4.35	5.77	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.84	6.03	-	-	PASS
Middle CH	5.04	5.77	-	-	
Highest CH	4.64	5.86	-	-	



LTE Band 26 / 15MHz / QPSK

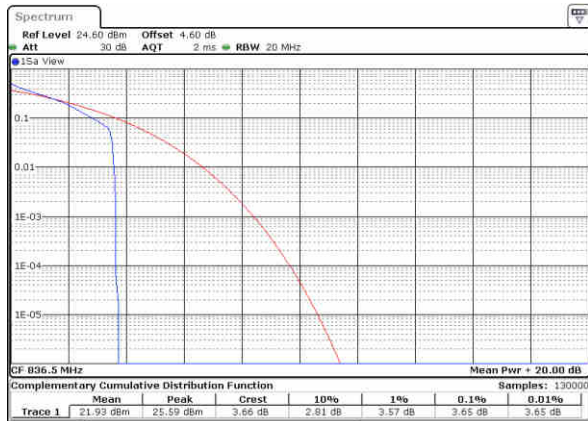
Lowest Channel / 1RB



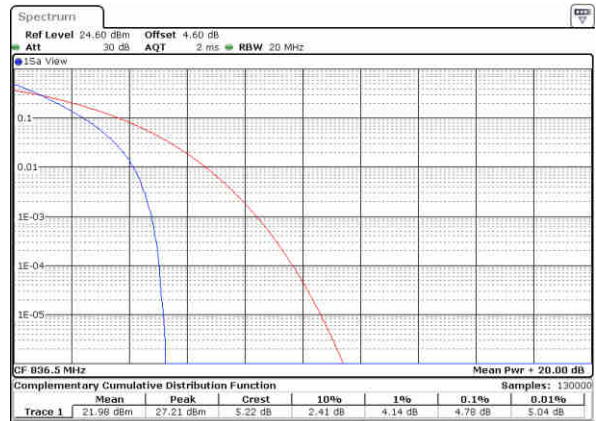
Lowest Channel / Full RB



Middle Channel / 1RB



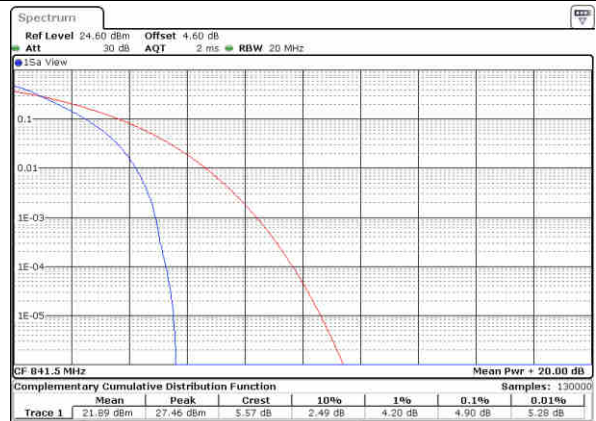
Middle Channel / Full RB

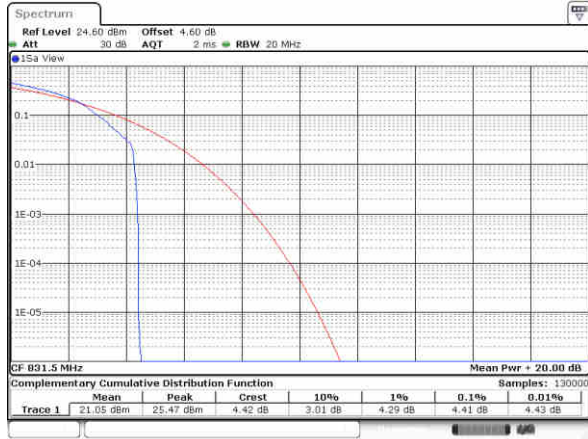


Highest Channel / 1RB

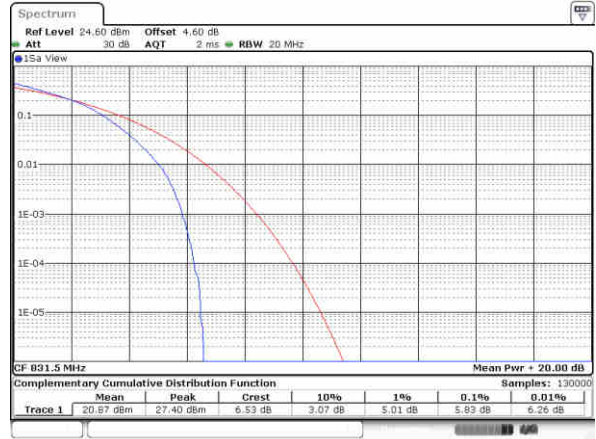


Highest Channel / Full RB

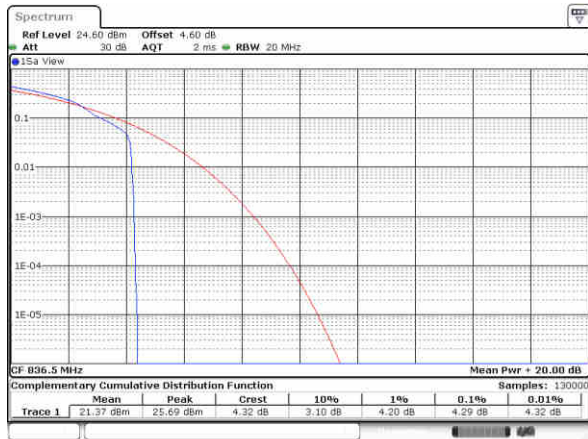


LTE Band 26 / 15MHz / 16QAM
Lowest Channel / 1RB


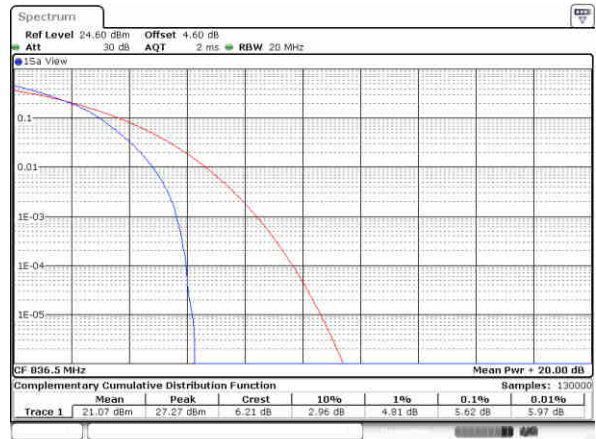
Date: 7 MAR 2020 14:51:57

Lowest Channel / Full RB


Date: 7 MAR 2020 14:53:20

Middle Channel / 1RB


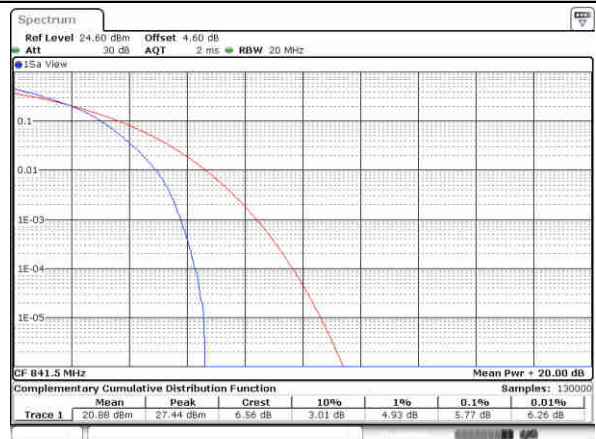
Date: 7 MAR 2020 14:52:25

Middle Channel / Full RB


Date: 7 MAR 2020 14:53:48

Highest Channel / 1RB


Date: 7 MAR 2020 14:52:53

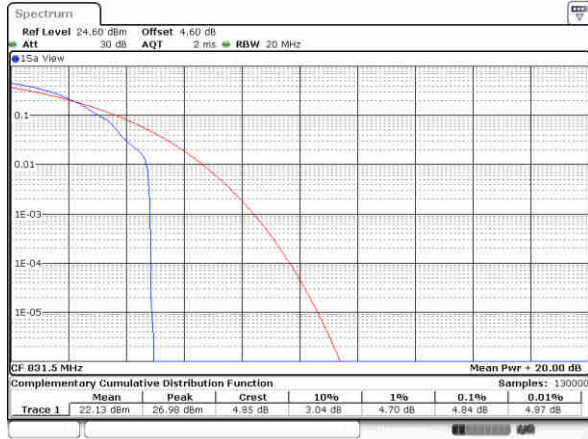
Highest Channel / Full RB


Date: 7 MAR 2020 14:54:16

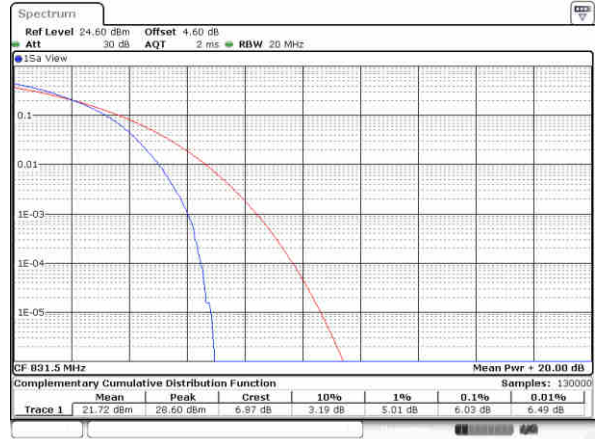


LTE Band 26 / 15MHz / 64QAM

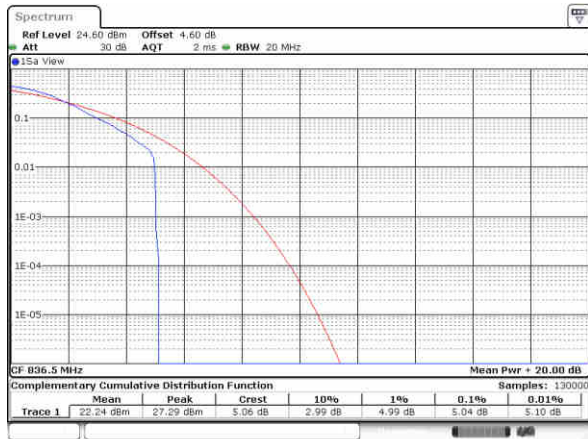
Lowest Channel / 1RB



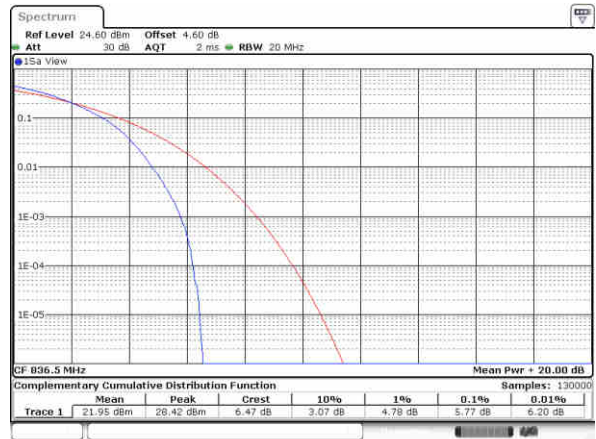
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



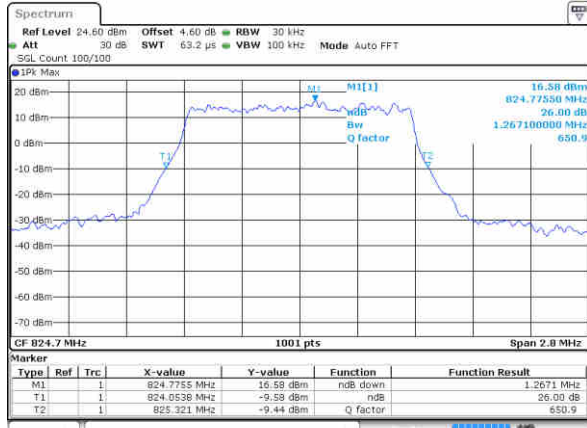
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.27	1.28	3.00	3.00	4.97	4.93	9.89	9.93	14.36	14.39	14.42	14.27
Middle CH	1.28	1.24	3.02	2.97	4.85	4.91	9.73	9.93	14.27	14.57	-	-
Highest CH	1.28	1.30	2.98	2.99	4.99	4.94	9.69	9.79	14.48	14.36	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.28	-	2.97	-	4.91	-	10.09	-	14.60	-	14.27	-
Middle CH	1.31	-	2.99	-	4.84	-	9.95	-	14.24	-	-	-
Highest CH	1.29	-	3.03	-	4.90	-	9.87	-	14.60	-	-	-

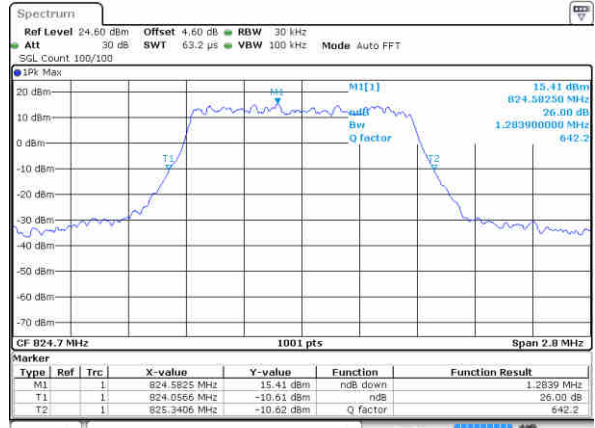


LTE Band 26

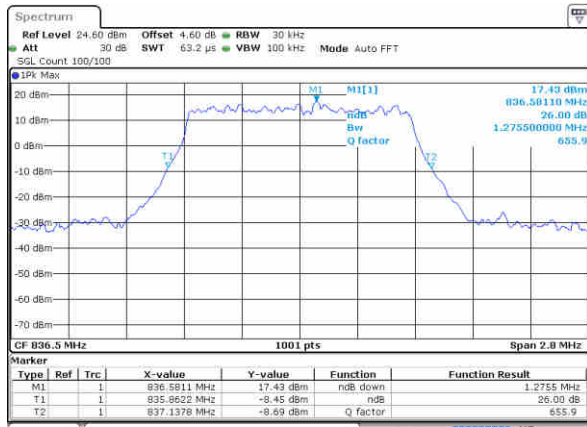
Lowest Channel / 1.4MHz / QPSK



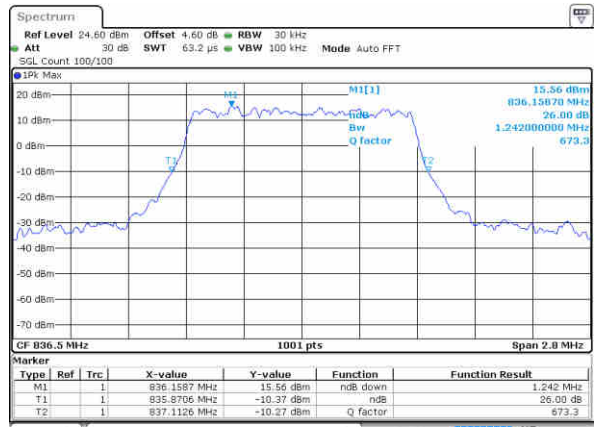
Lowest Channel / 1.4MHz / 16QAM



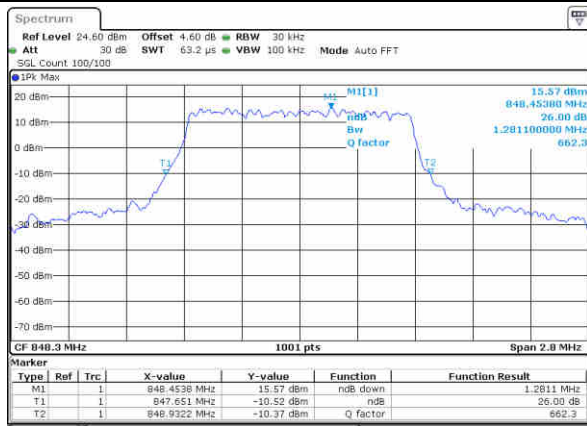
Middle Channel / 1.4MHz / QPSK



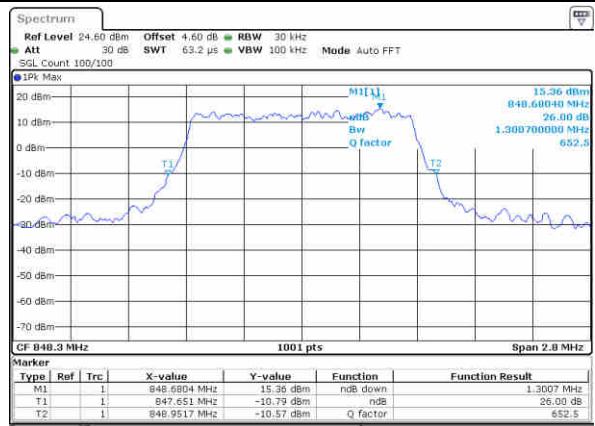
Middle Channel / 1.4MHz / 16QAM

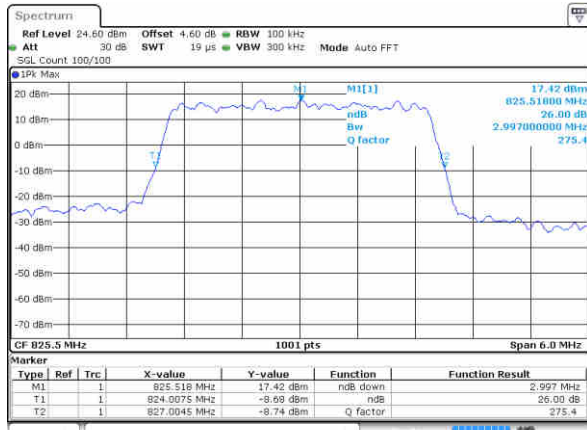


Highest Channel / 1.4MHz / QPSK

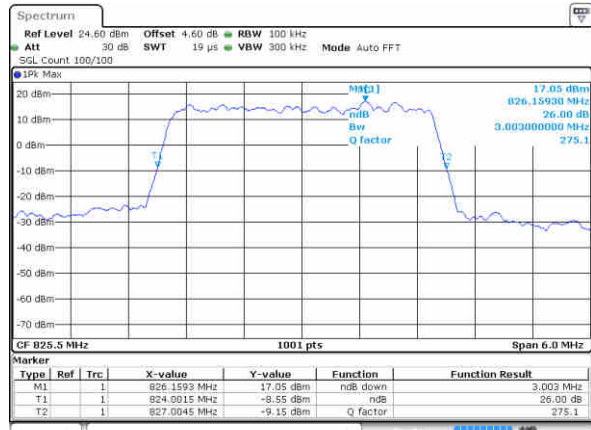


Highest Channel / 1.4MHz / 16QAM

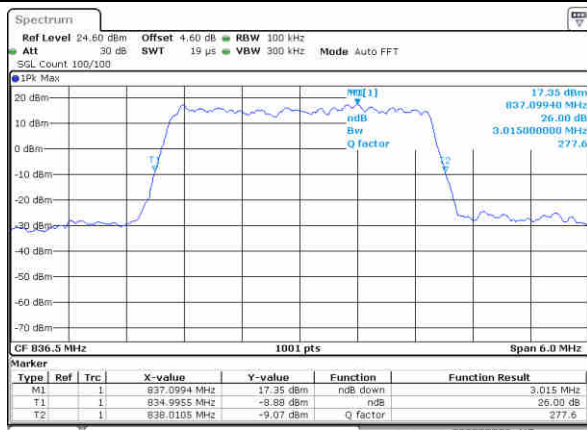


LTE Band 26
Lowest Channel / 3MHz / QPSK


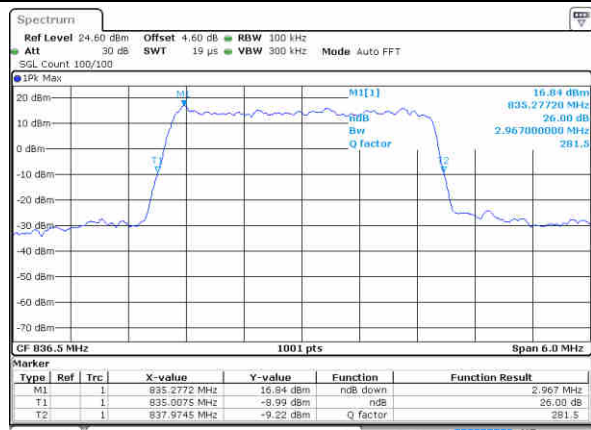
Date: 7 MAR 2020 14:04:21

Lowest Channel / 3MHz / 16QAM


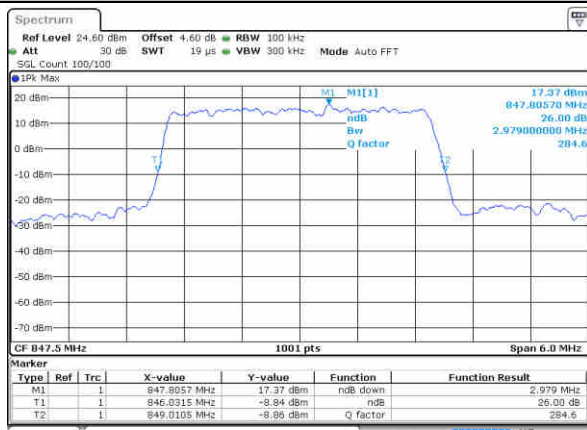
Date: 7 MAR 2020 14:04:41

Middle Channel / 3MHz / QPSK


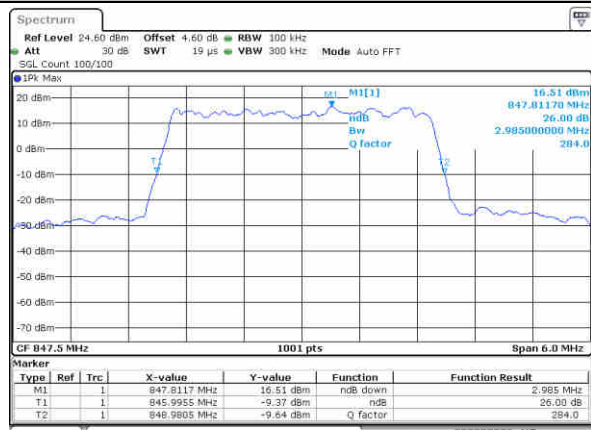
Date: 7 MAR 2020 14:06:01

Middle Channel / 3MHz / 16QAM


Date: 7 MAR 2020 14:06:41

Highest Channel / 3MHz / QPSK


Date: 7 MAR 2020 14:06:21

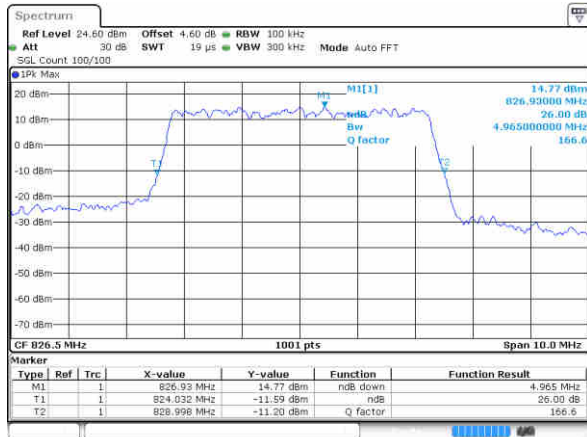
Highest Channel / 3MHz / 16QAM


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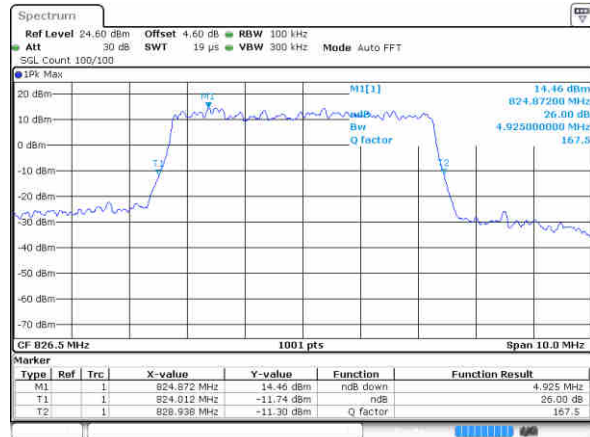


LTE Band 26

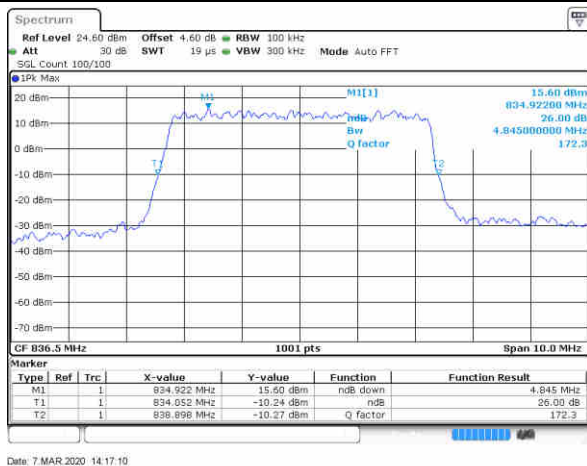
Lowest Channel / 5MHz / QPSK



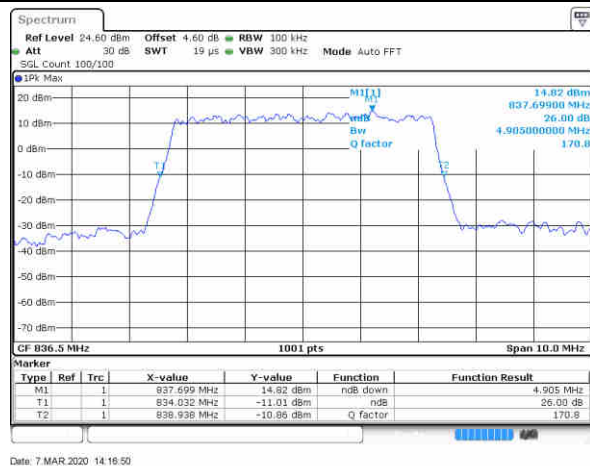
Lowest Channel / 5MHz / 16QAM



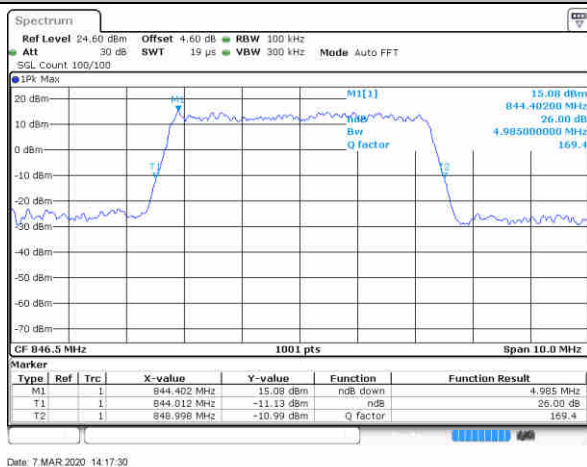
Middle Channel / 5MHz / QPSK



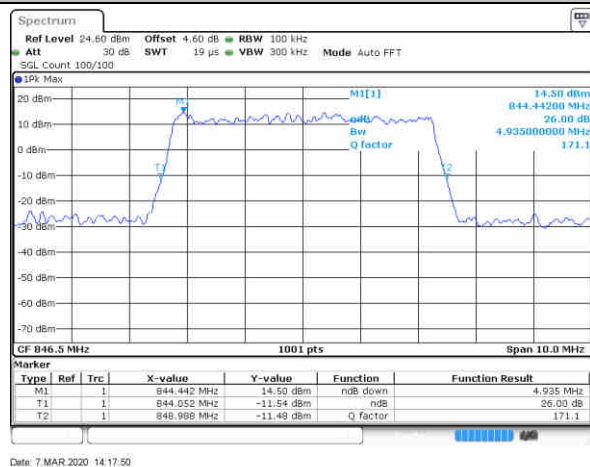
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



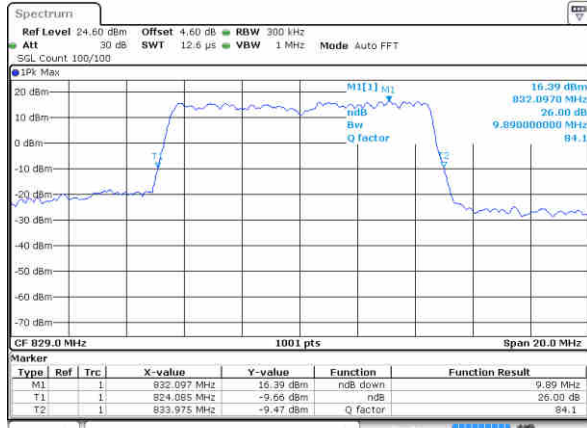
Highest Channel / 5MHz / 16QAM



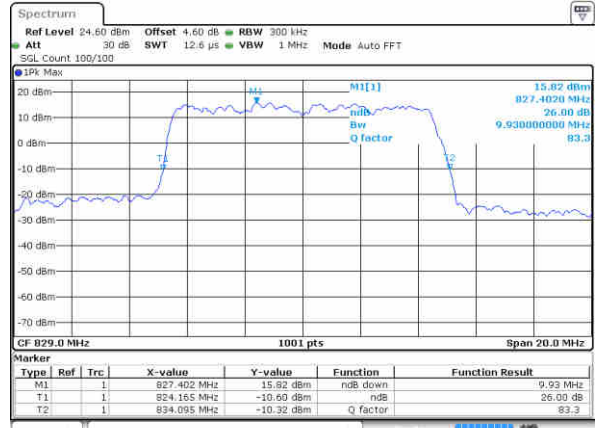


LTE Band 26

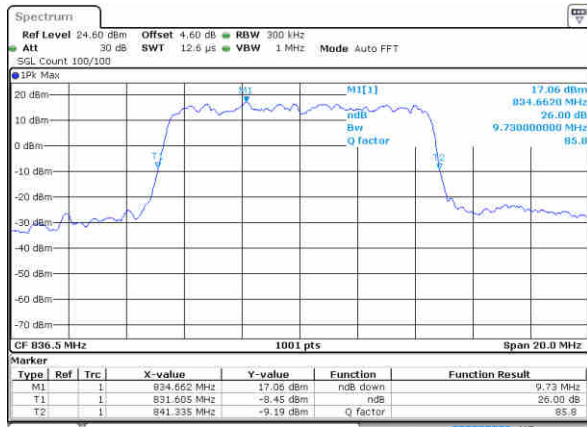
Lowest Channel / 10MHz / QPSK



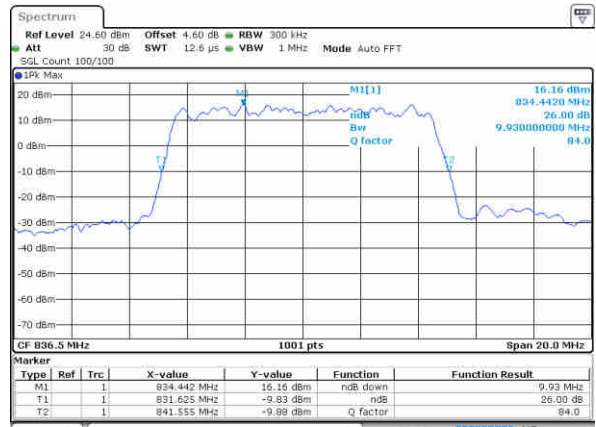
Lowest Channel / 10MHz / 16QAM



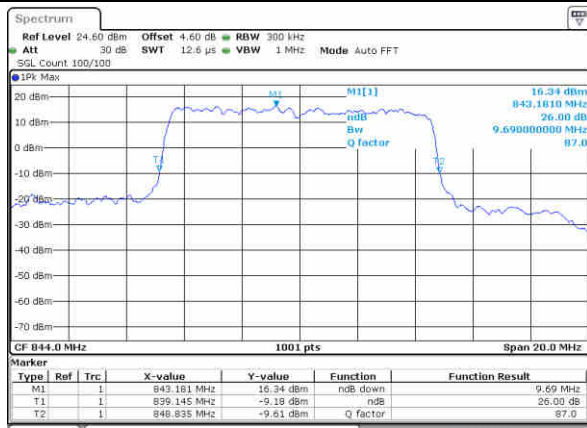
Middle Channel / 10MHz / QPSK



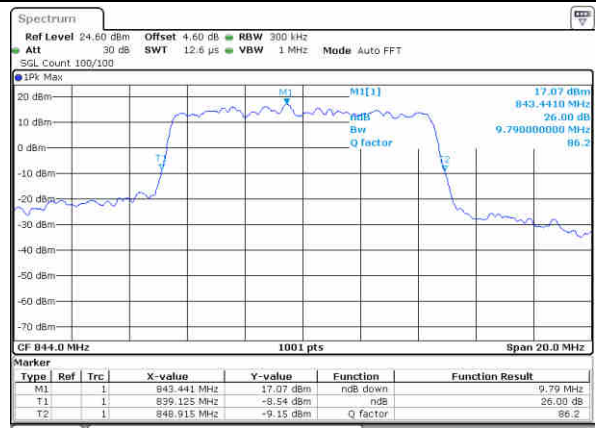
Middle Channel / 10MHz / 16QAM

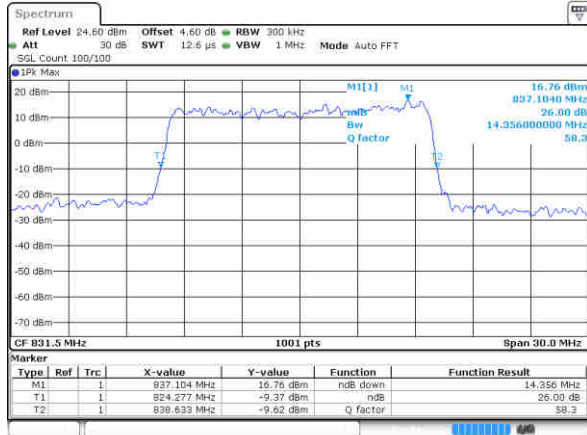


Highest Channel / 10MHz / QPSK

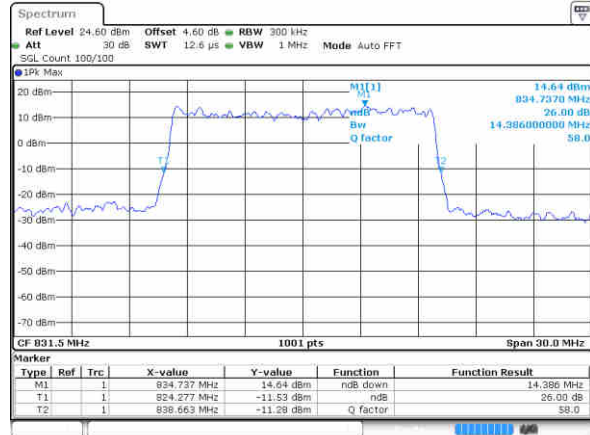


Highest Channel / 10MHz / 16QAM

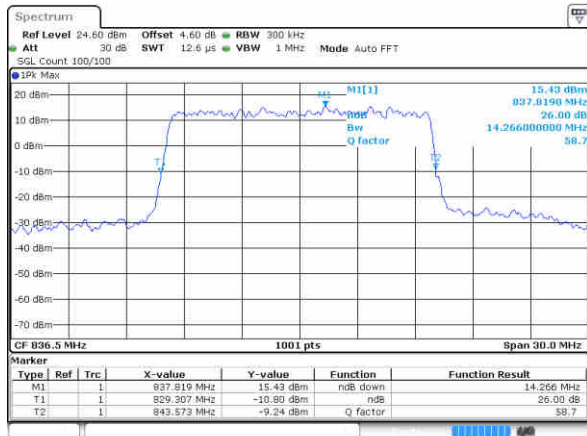


LTE Band 26
Lowest Channel / 15MHz / QPSK


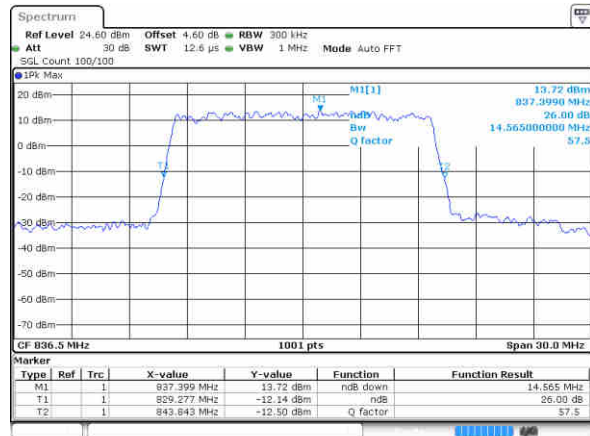
Date: 7 MAR 2020 14:37:49

Lowest Channel / 15MHz / 16QAM


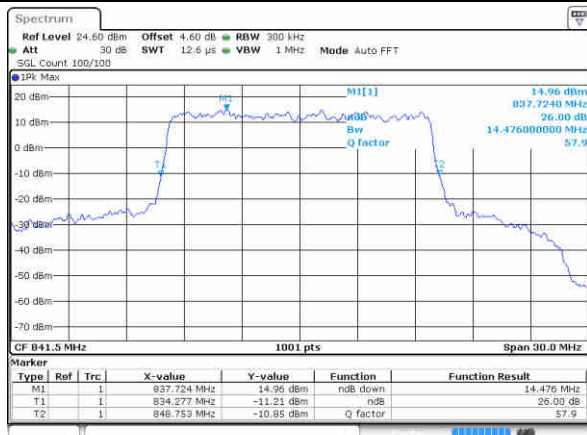
Date: 7 MAR 2020 14:38:09

Middle Channel / 15MHz / QPSK


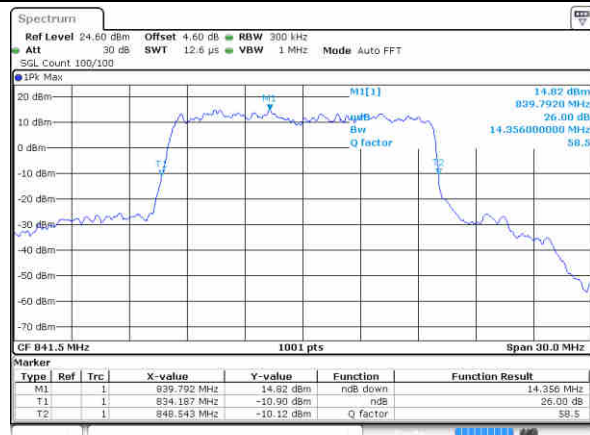
Date: 7 MAR 2020 14:39:29

Middle Channel / 15MHz / 16QAM


Date: 7 MAR 2020 14:39:09

Highest Channel / 15MHz / QPSK


Date: 7 MAR 2020 14:39:49

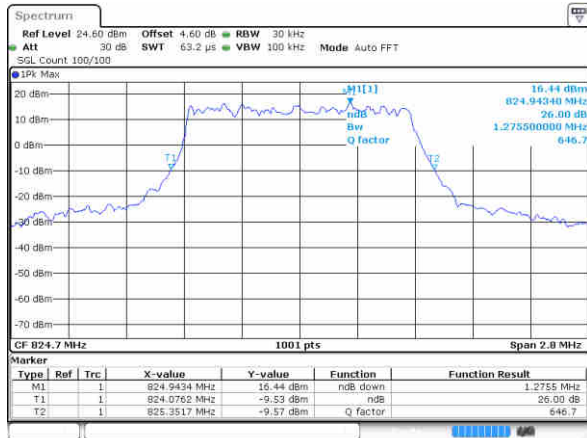
Highest Channel / 15MHz / 16QAM


Date: 7 MAR 2020 14:40:09

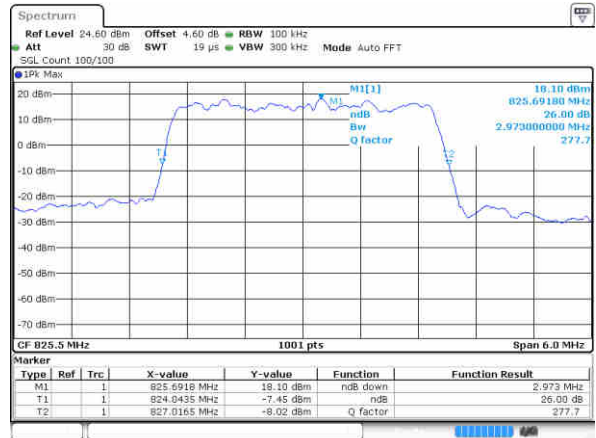


LTE Band 26

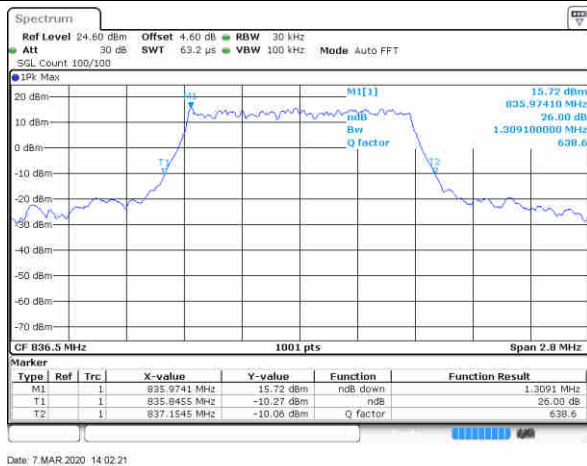
Lowest Channel / 1.4MHz / 64QAM



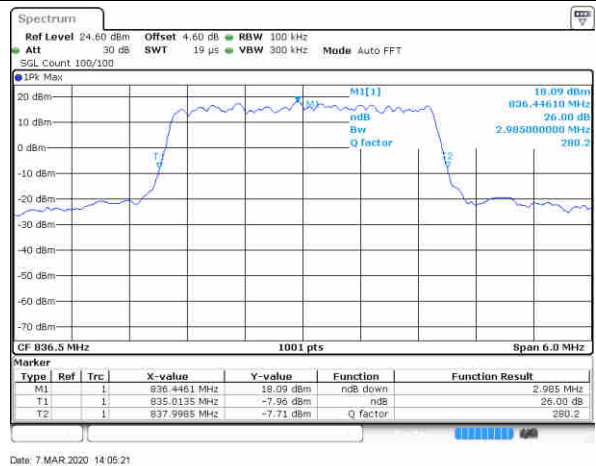
Lowest Channel / 3MHz / 64QAM



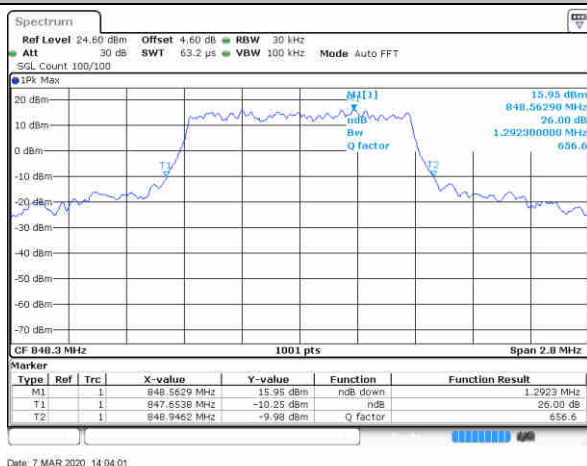
Middle Channel / 1.4MHz / 64QAM



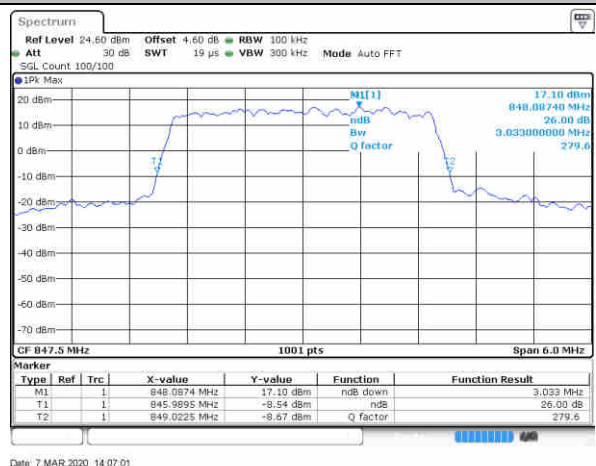
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



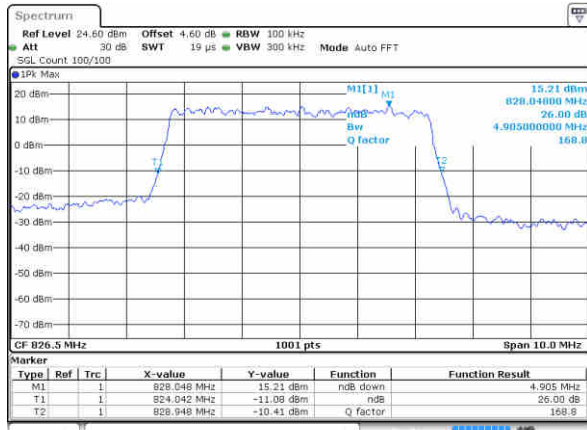
Highest Channel / 3MHz / 64QAM



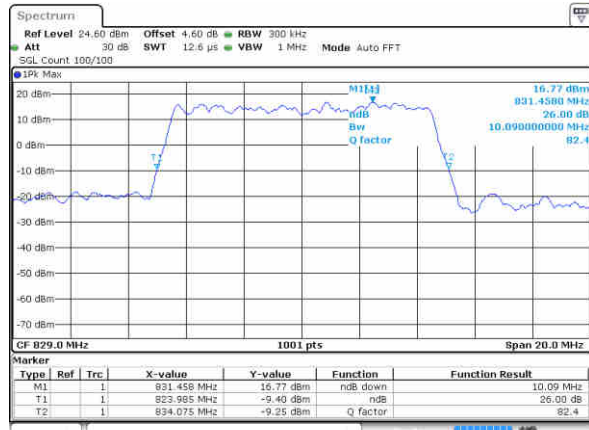


LTE Band 26

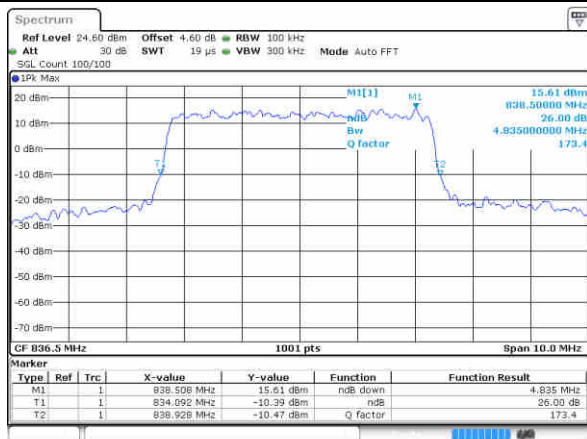
Lowest Channel / 5MHz / 64QAM



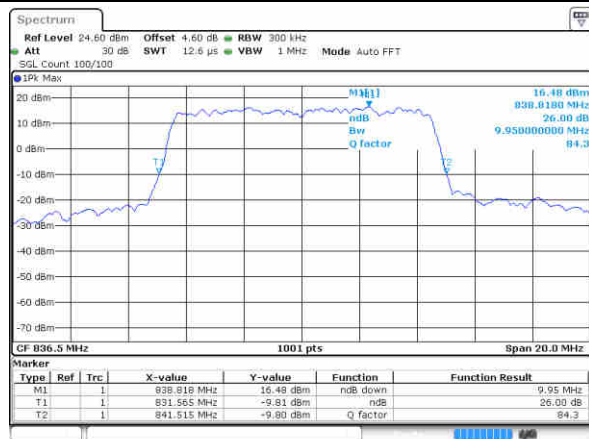
Lowest Channel / 10MHz / 64QAM



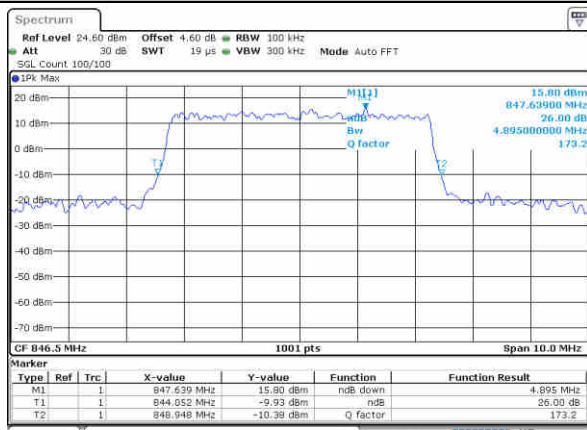
Middle Channel / 5MHz / 64QAM



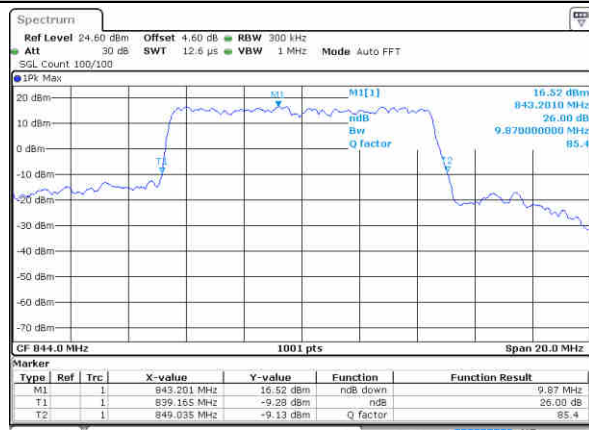
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



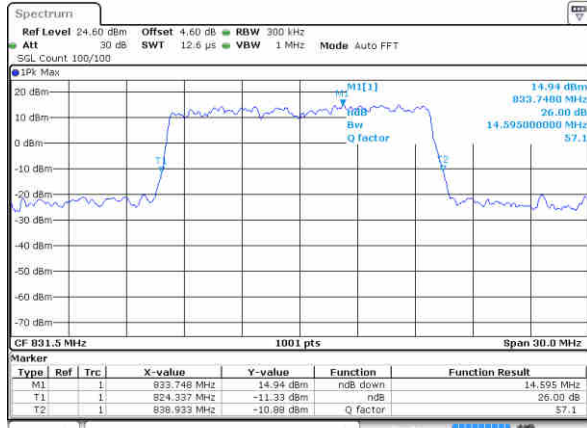
Highest Channel / 10MHz / 64QAM





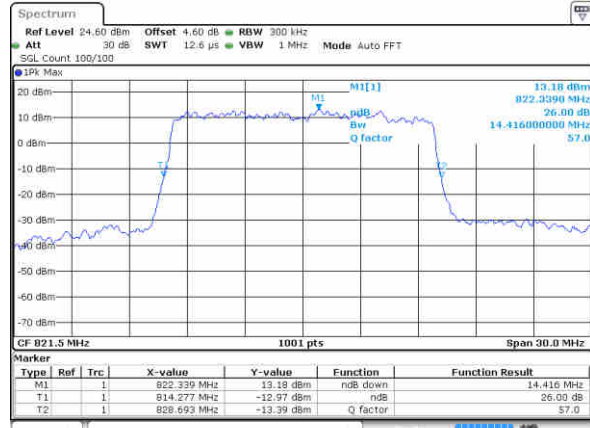
LTE Band 26

Lowest Channel / 15MHz / 64QAM



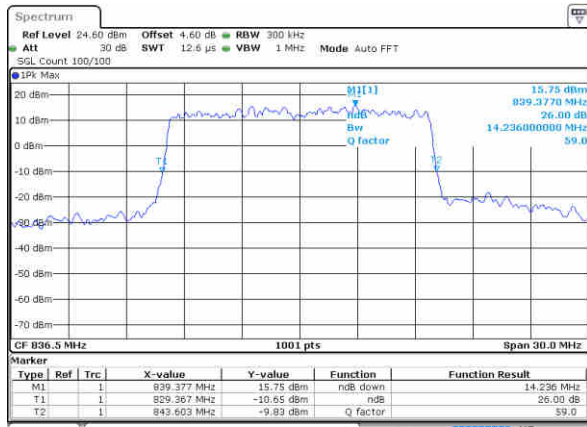
Date: 7 MAR 2020 14:38:29

Channel 26765 / 15MHz / QPSK



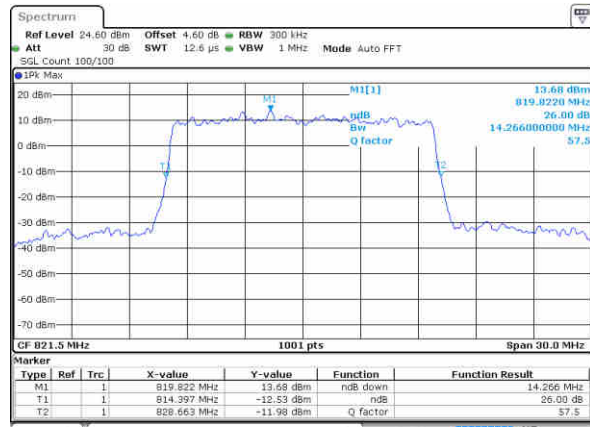
Date: 17 JAN 2020 18:58:45

Middle Channel / 15MHz / 64QAM



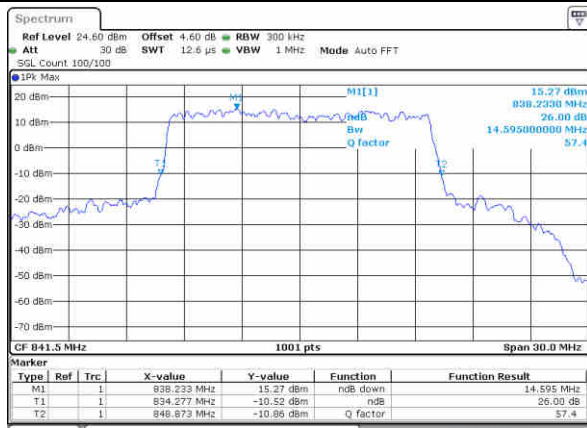
Date: 7 MAR 2020 14:38:49

Channel 26765 / 15MHz / 16QAM



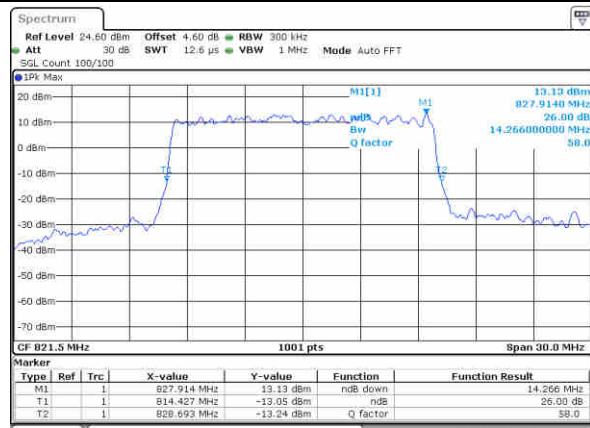
Date: 17 JAN 2020 18:58:57

Highest Channel / 15MHz / 64QAM



Date: 7 MAR 2020 14:40:29

Channel 26765 / 15MHz / 64QAM



Date: 17 JAN 2020 18:59:13

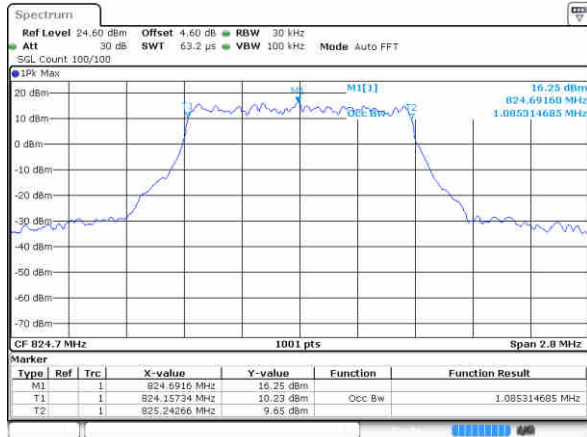
**Occupied Bandwidth**

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.52	4.49	9.09	8.97	13.49	13.46	13.40	13.37
Middle CH	1.09	1.09	2.72	2.73	4.50	4.47	8.99	9.01	13.52	13.34	-	-
Highest CH	1.09	1.09	2.71	2.69	4.48	4.49	9.03	8.99	13.46	13.46	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.10	-	2.73	-	4.52	-	9.13	-	13.40	-	13.40	-
Middle CH	1.09	-	2.70	-	4.47	-	9.07	-	13.43	-	-	-
Highest CH	1.10	-	2.72	-	4.55	-	9.01	-	13.46	-	-	-

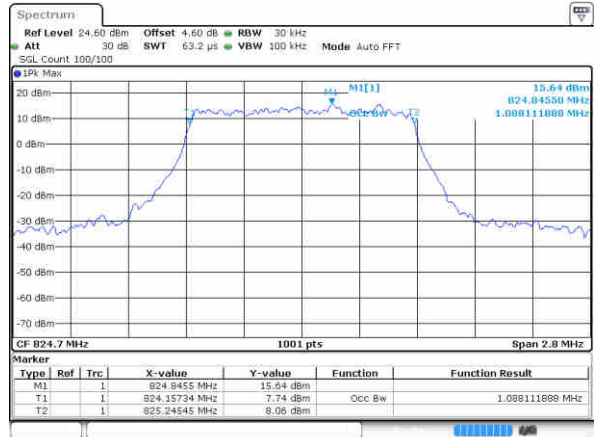


LTE Band 26

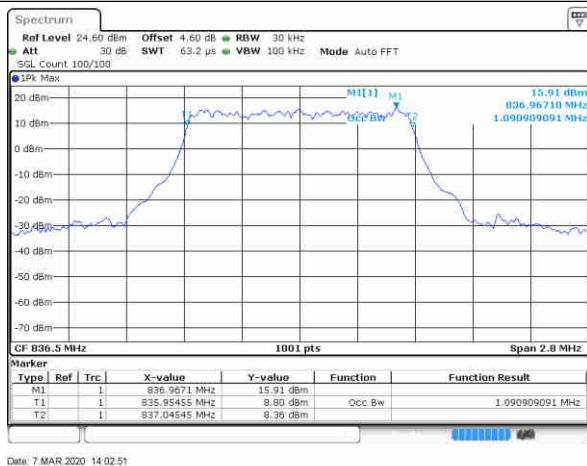
Lowest Channel / 1.4MHz / QPSK



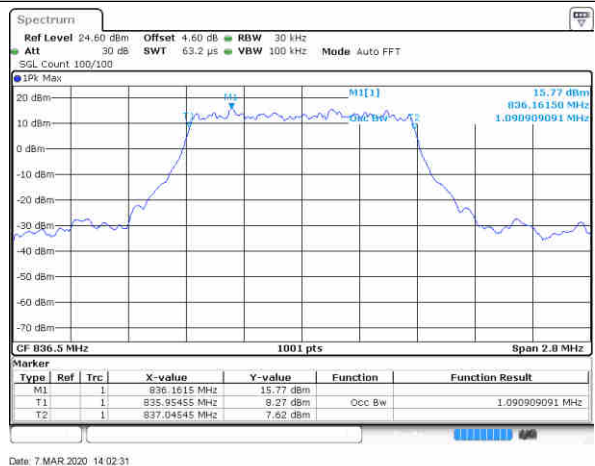
Lowest Channel / 1.4MHz / 16QAM



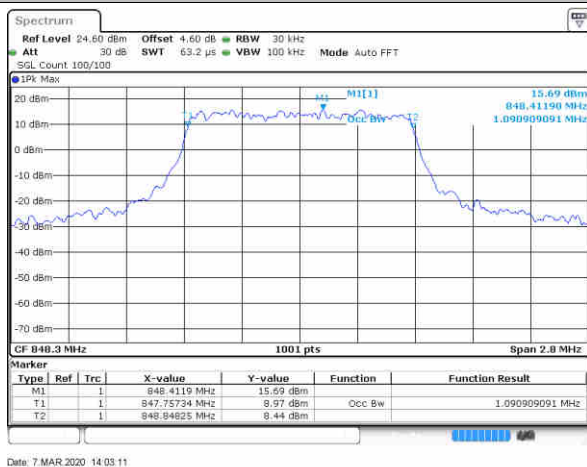
Middle Channel / 1.4MHz / QPSK



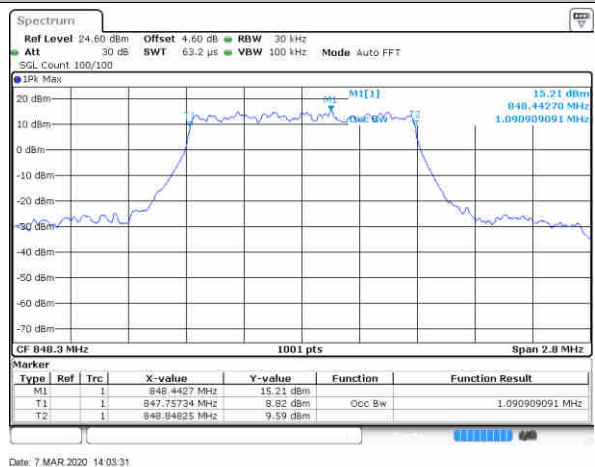
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



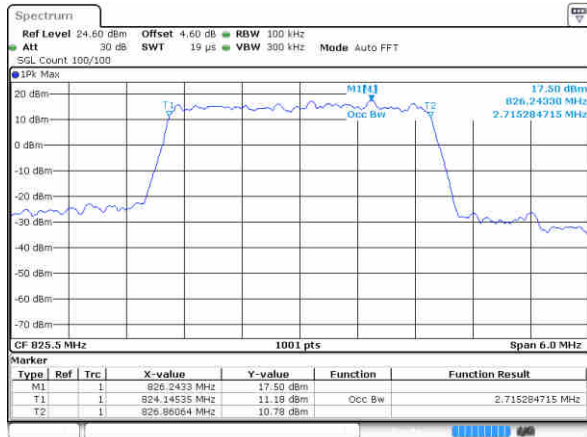
Highest Channel / 1.4MHz / 16QAM



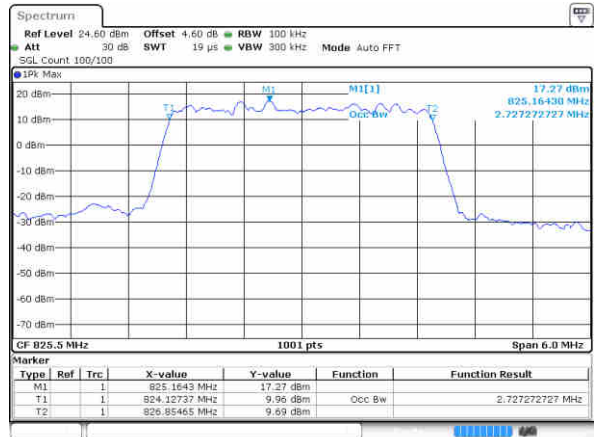


LTE Band 26

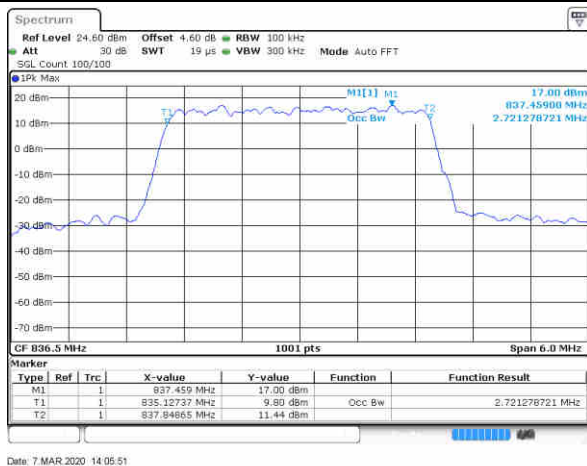
Lowest Channel / 3MHz / QPSK



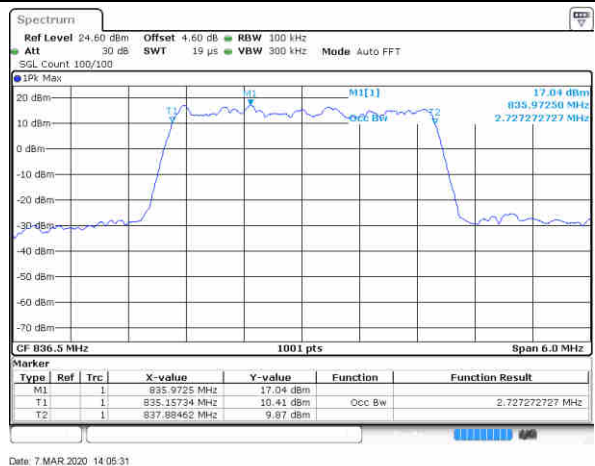
Lowest Channel / 3MHz / 16QAM



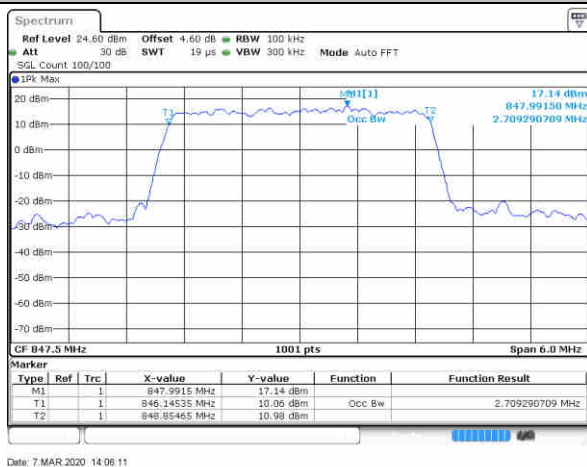
Middle Channel / 3MHz / QPSK



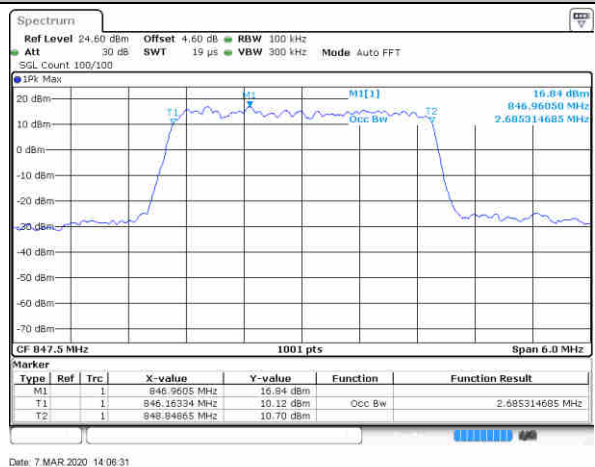
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



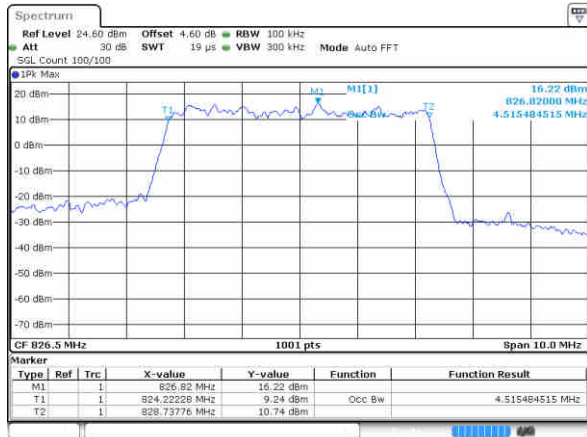
Highest Channel / 3MHz / 16QAM



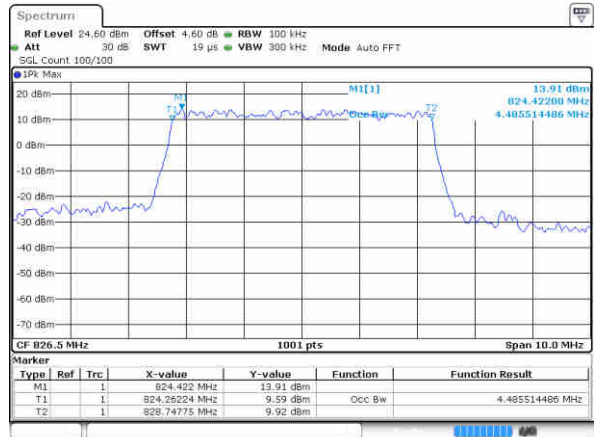


LTE Band 26

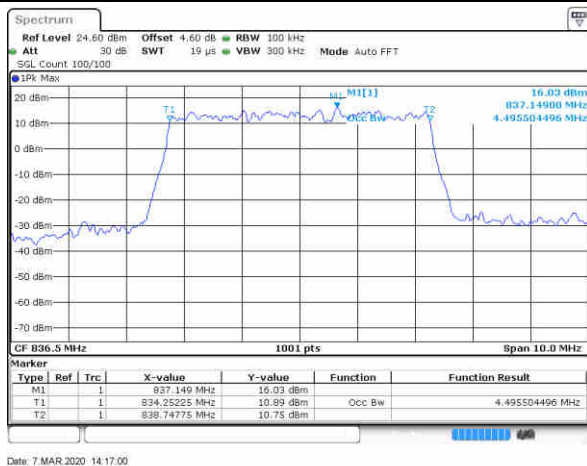
Lowest Channel / 5MHz / QPSK



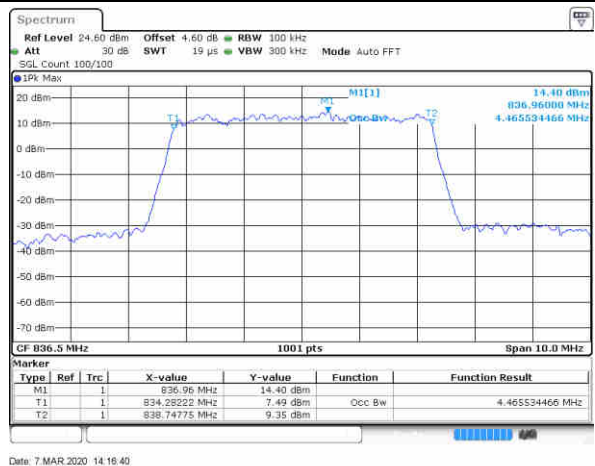
Lowest Channel / 5MHz / 16QAM



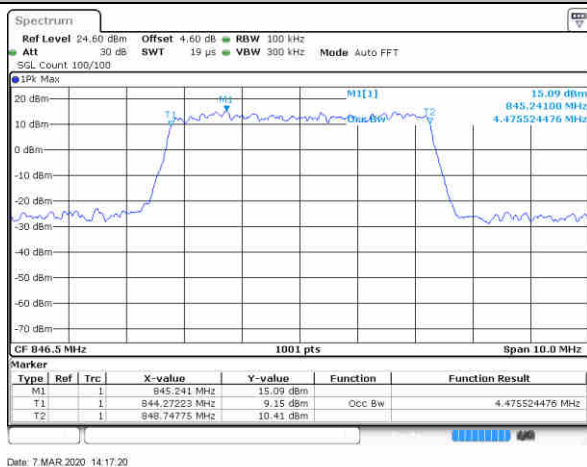
Middle Channel / 5MHz / QPSK



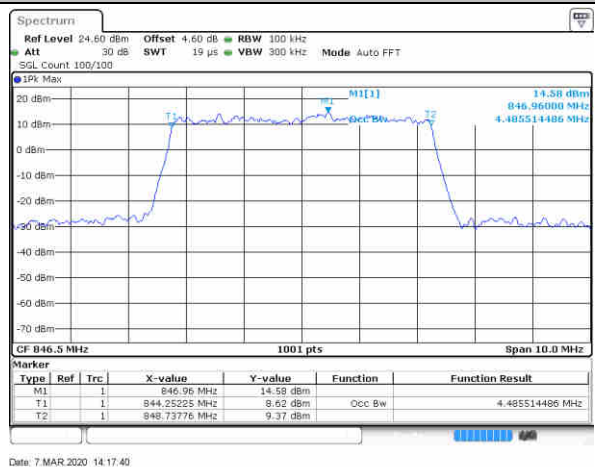
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



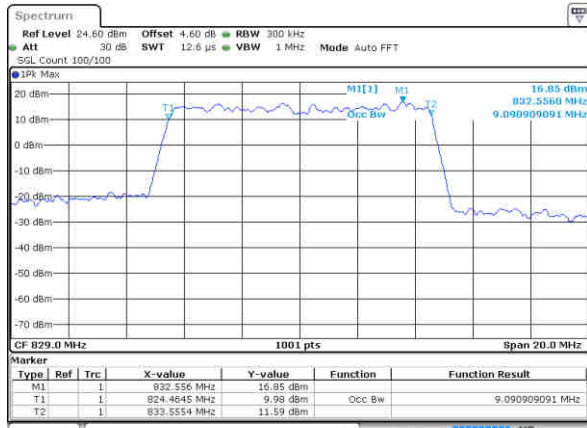
Highest Channel / 5MHz / 16QAM





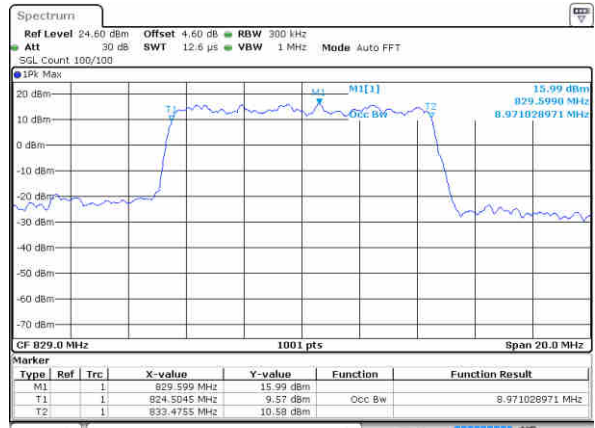
LTE Band 26

Lowest Channel / 10MHz / QPSK



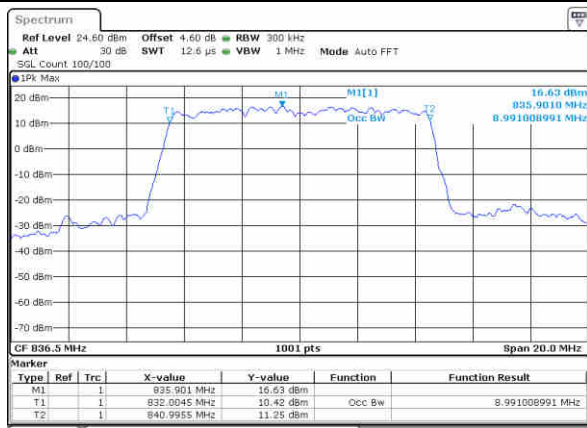
Date: 7 MAR 2020 14:28:30

Lowest Channel / 10MHz / 16QAM



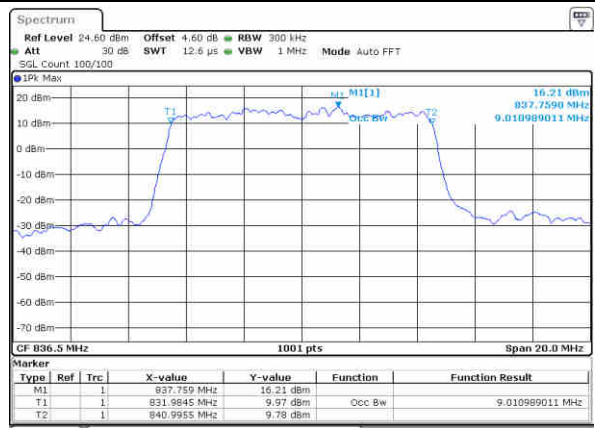
Date: 7 MAR 2020 14:28:49

Middle Channel / 10MHz / QPSK



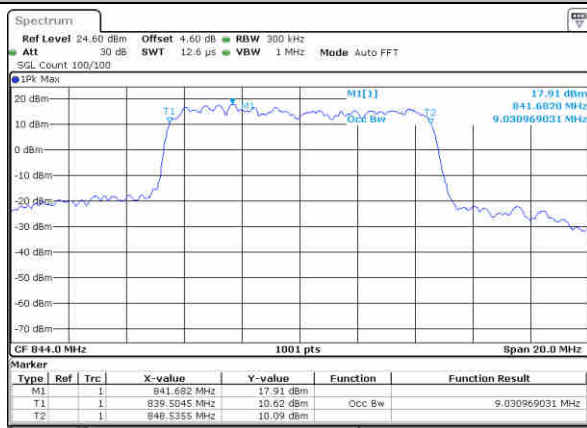
Date: 7 MAR 2020 14:28:10

Middle Channel / 10MHz / 16QAM



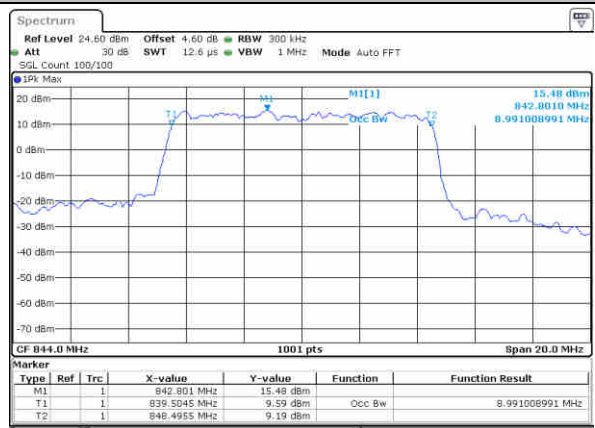
Date: 7 MAR 2020 14:27:50

Highest Channel / 10MHz / QPSK



Date: 7 MAR 2020 14:28:30

Highest Channel / 10MHz / 16QAM

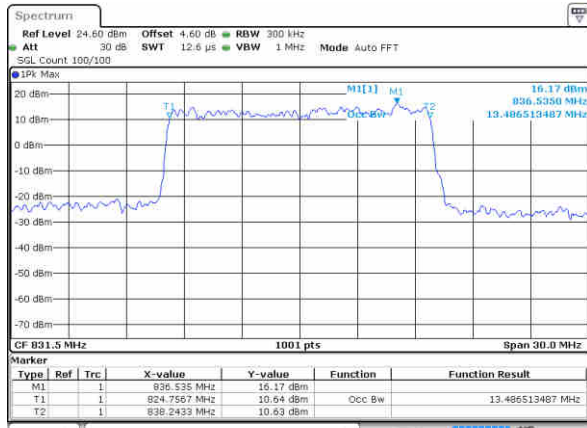


Date: 7 MAR 2020 14:28:50



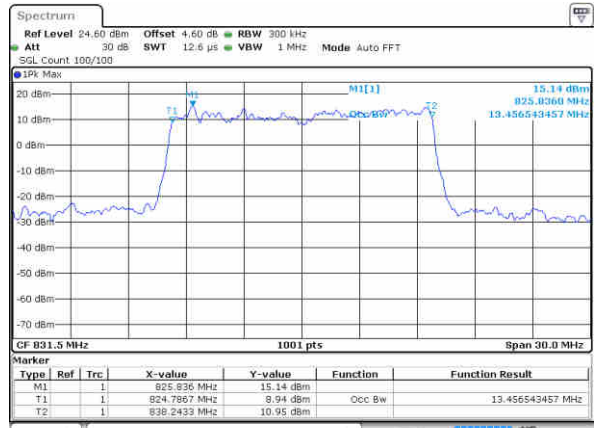
LTE Band 26

Lowest Channel / 15MHz / QPSK



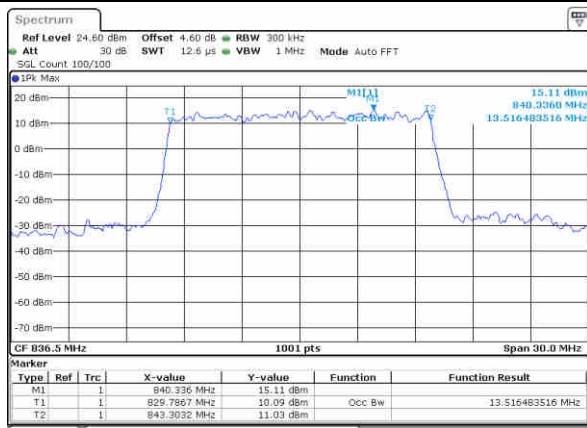
Date: 7 MAR 2020 14:37:39

Lowest Channel / 15MHz / 16QAM



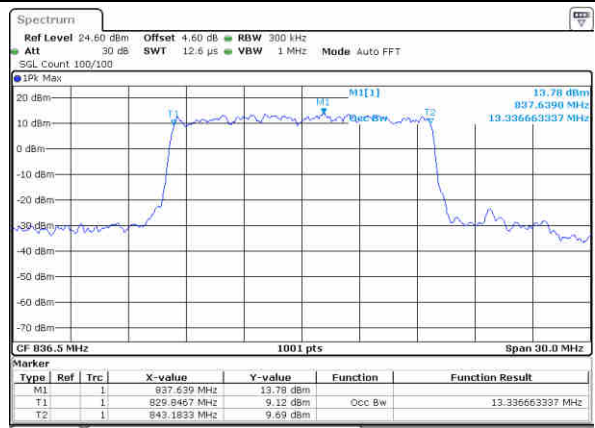
Date: 7 MAR 2020 14:37:59

Middle Channel / 15MHz / QPSK



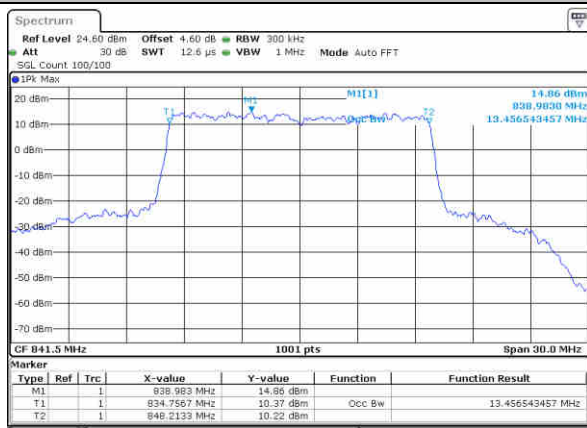
Date: 7 MAR 2020 14:39:19

Middle Channel / 15MHz / 16QAM



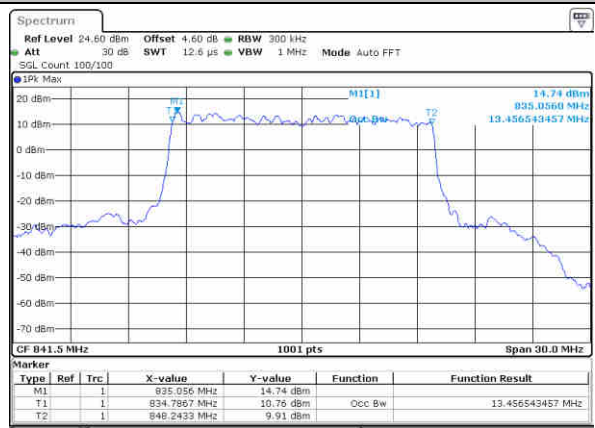
Date: 7 MAR 2020 14:38:59

Highest Channel / 15MHz / QPSK



Date: 7 MAR 2020 14:39:39

Highest Channel / 15MHz / 16QAM

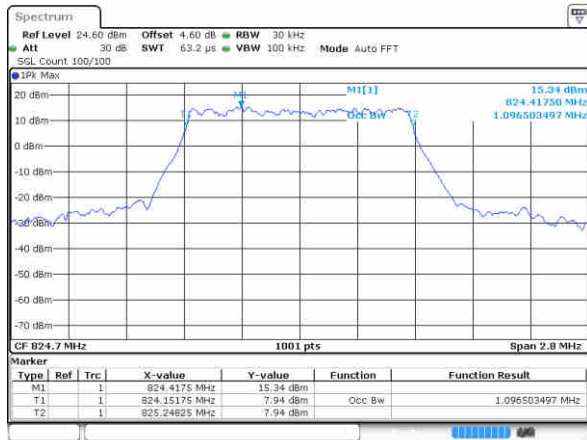


Date: 7 MAR 2020 14:39:59



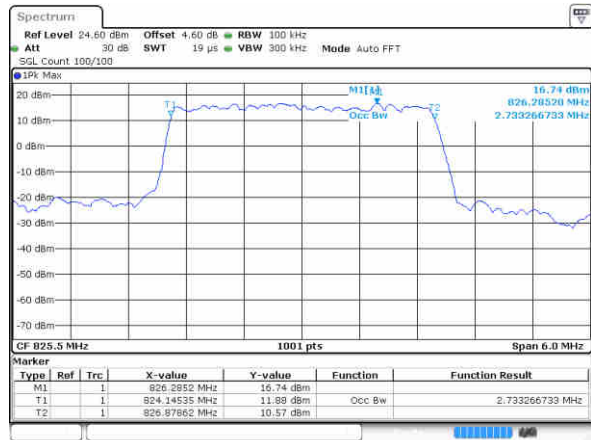
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



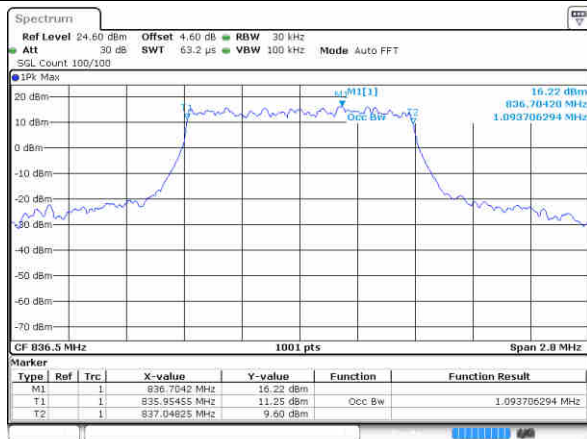
Date: 7 MAR 2020 13:53:42

Lowest Channel / 3MHz / 64QAM



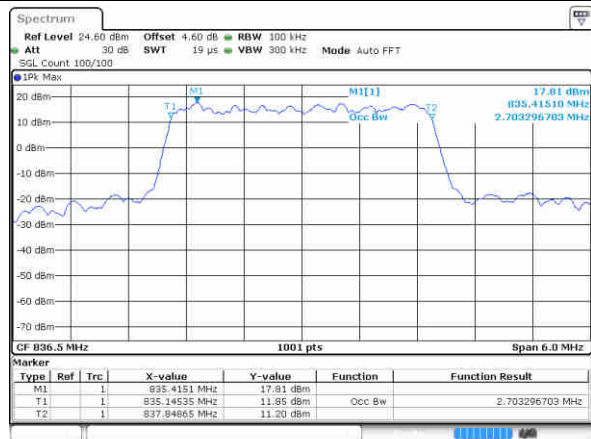
Date: 7 MAR 2020 14:04:51

Middle Channel / 1.4MHz / 64QAM



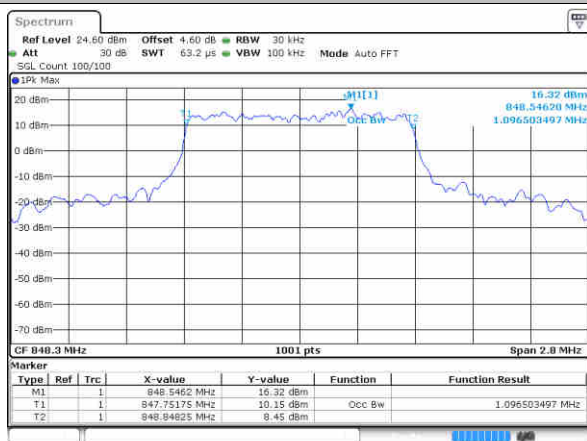
Date: 7 MAR 2020 14:02:11

Middle Channel / 3MHz / 64QAM



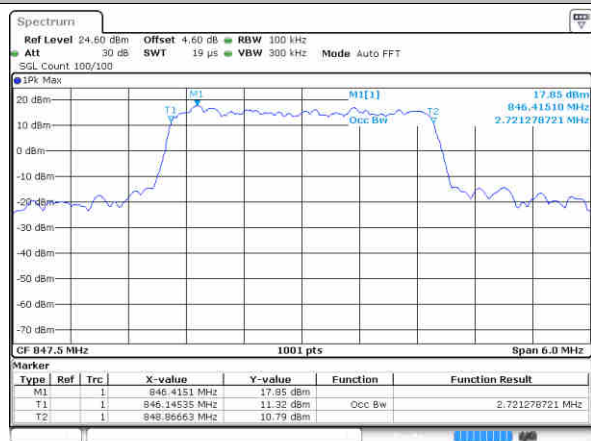
Date: 7 MAR 2020 14:05:11

Highest Channel / 1.4MHz / 64QAM



Date: 7 MAR 2020 14:03:51

Highest Channel / 3MHz / 64QAM

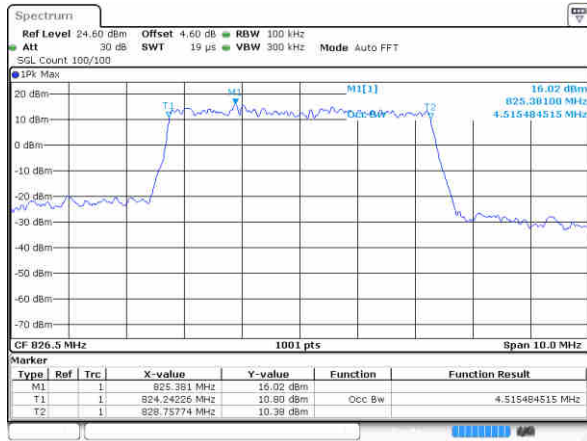


Date: 7 MAR 2020 14:06:51

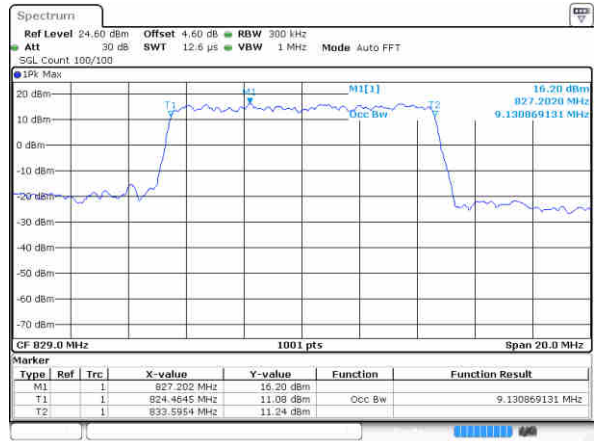


LTE Band 26

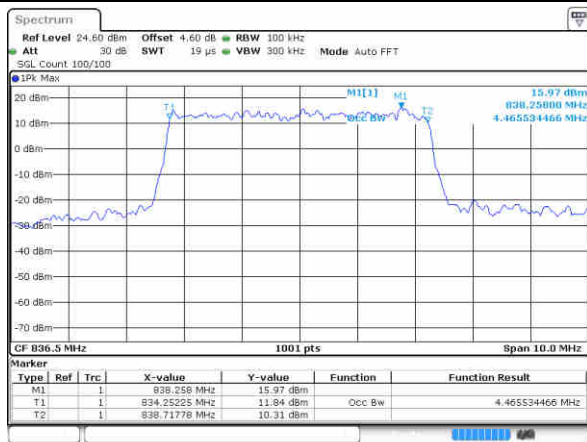
Lowest Channel / 5MHz / 64QAM



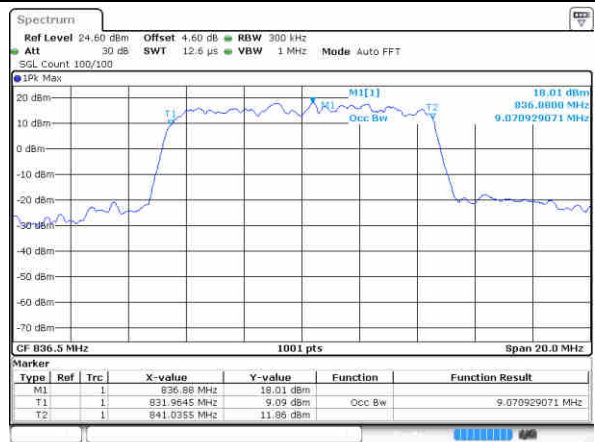
Lowest Channel / 10MHz / 64QAM



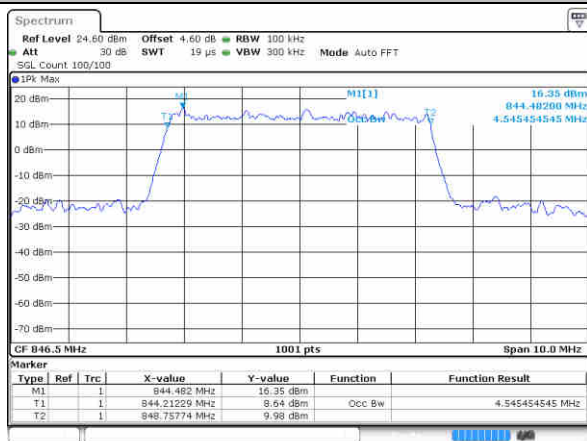
Middle Channel / 5MHz / 64QAM



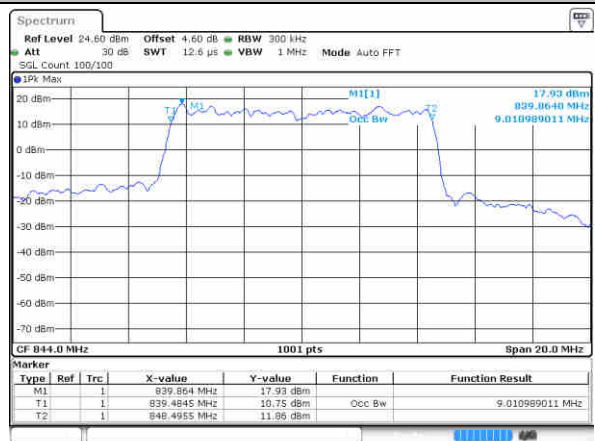
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



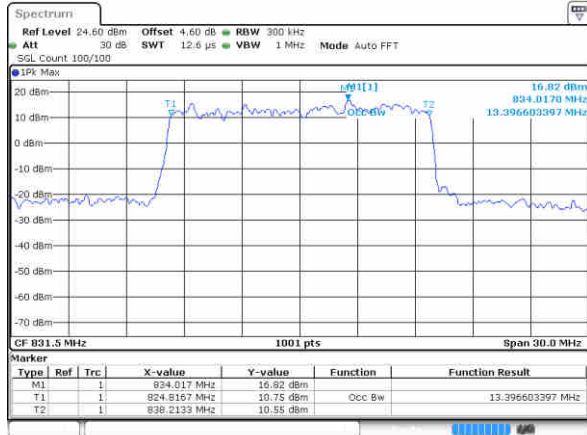
Highest Channel / 10MHz / 64QAM



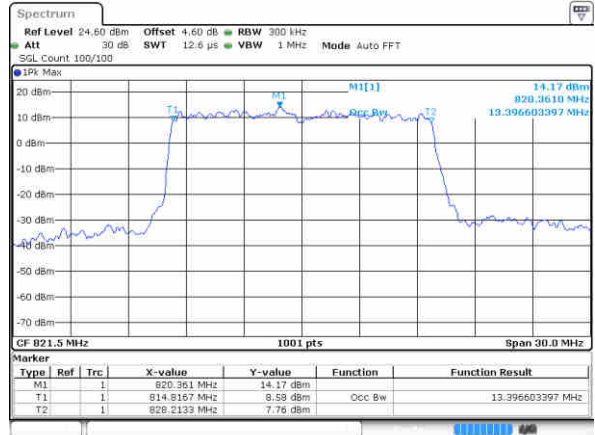


LTE Band 26

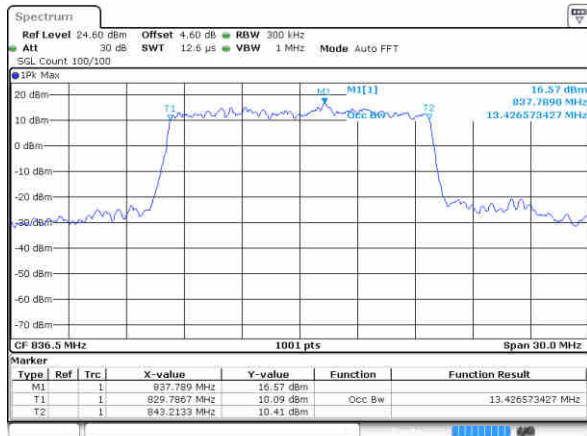
Lowest Channel / 15MHz / 64QAM



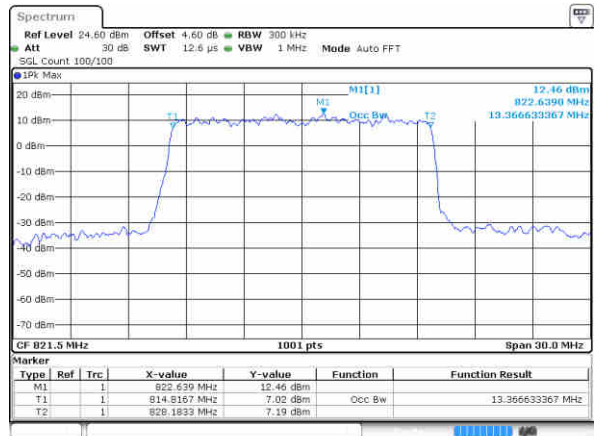
Lowest Channel / 15MHz / QPSK



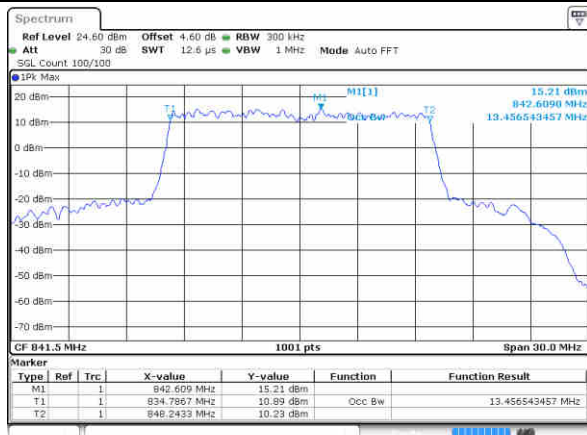
Middle Channel / 15MHz / 64QAM



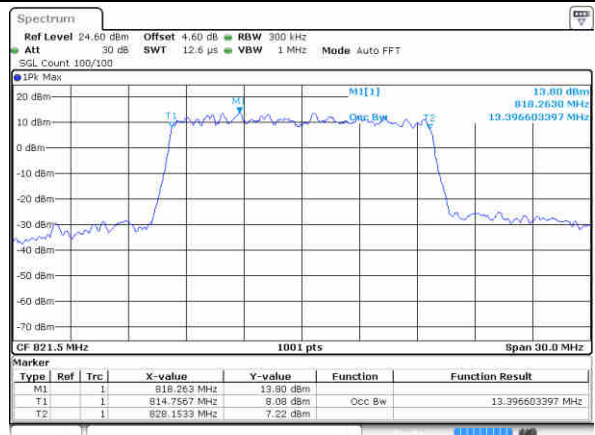
Lowest Channel / 15MHz / 16QAM



Highest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



**Conducted Band Edge****LTE Band 26 / 1.4MHz / QPSK****Lowest Band Edge / 1RB**

Date: 7 MAR 2020 14:56:17

Highest Band Edge / 1RB

Date: 7 MAR 2020 15:13:06

Lowest Band Edge / Full RB

Date: 7 MAR 2020 15:03:30

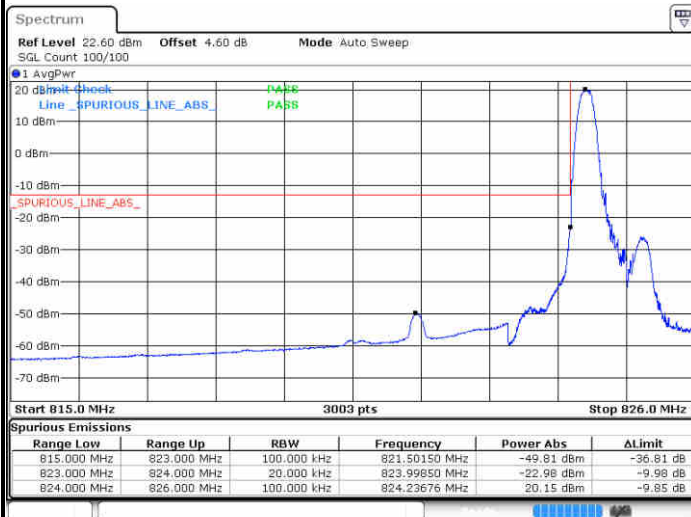
Highest Band Edge / Full RB

Date: 7 MAR 2020 15:05:04



LTE Band 26 / 1.4MHz / 16QAM

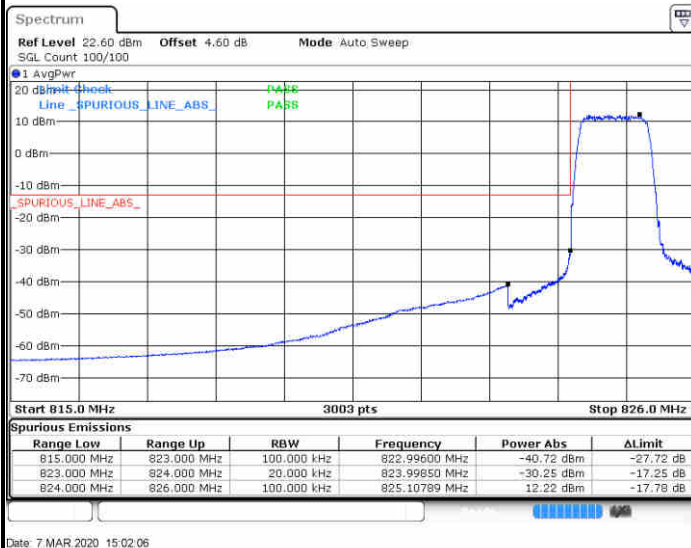
Lowest Band Edge / 1 RB



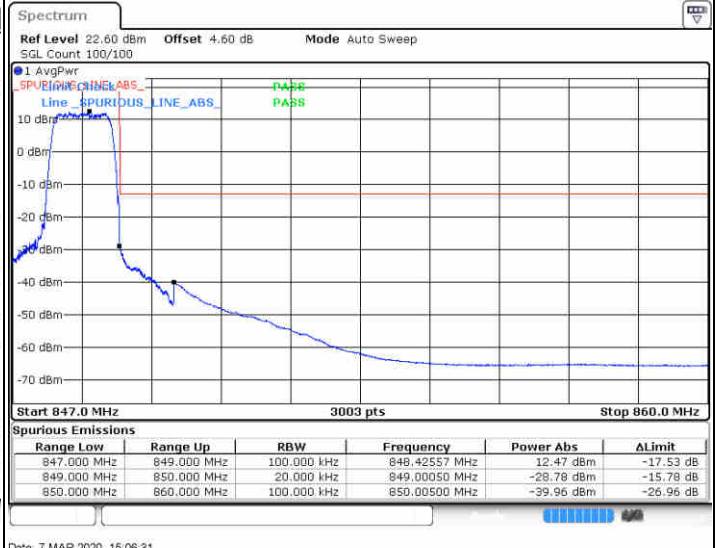
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



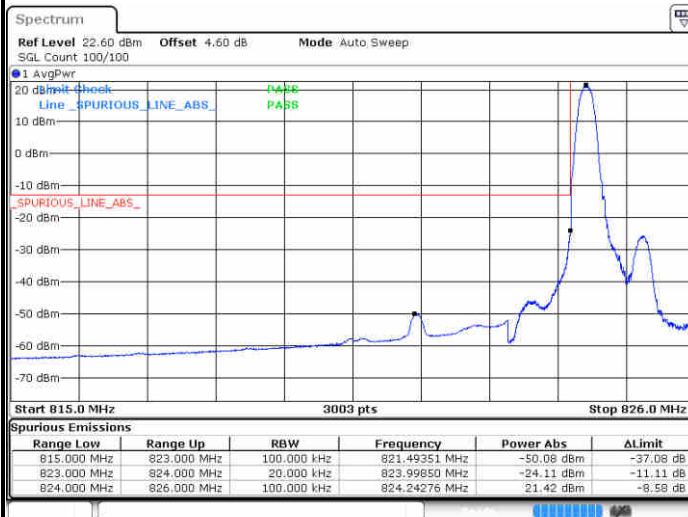
Highest Band Edge / Full RB



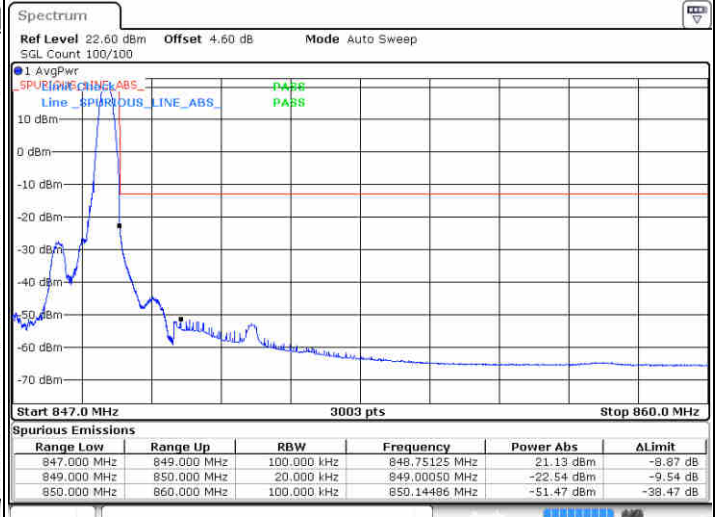


LTE Band 26 / 1.4MHz / 64QAM

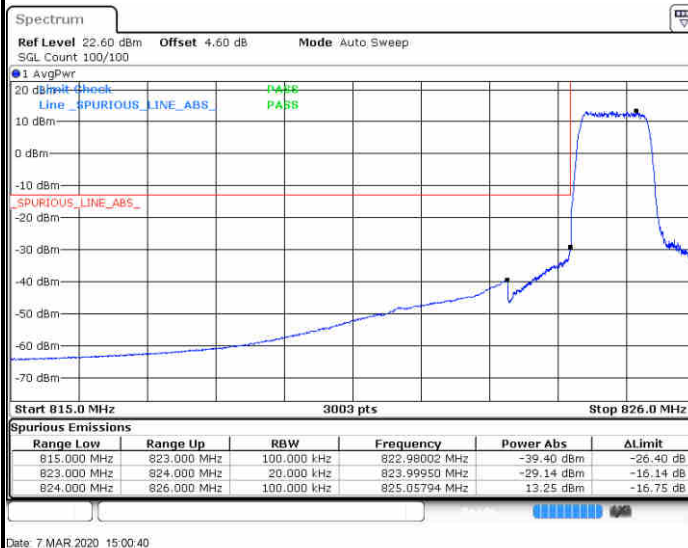
Lowest Band Edge / 1 RB



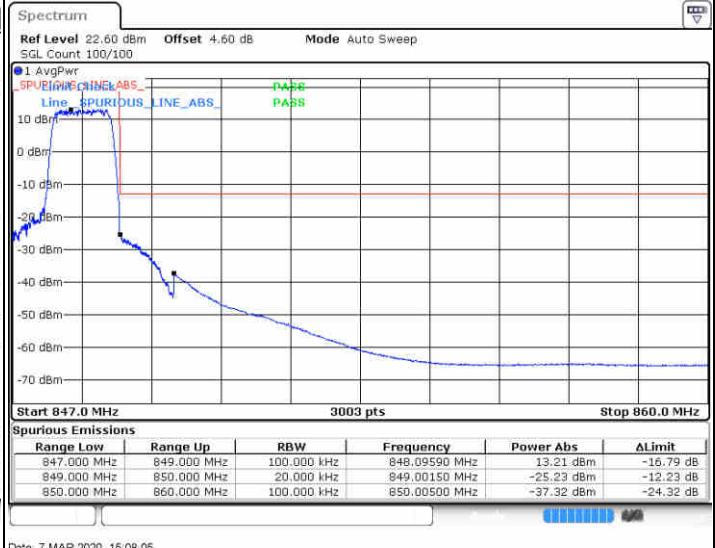
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



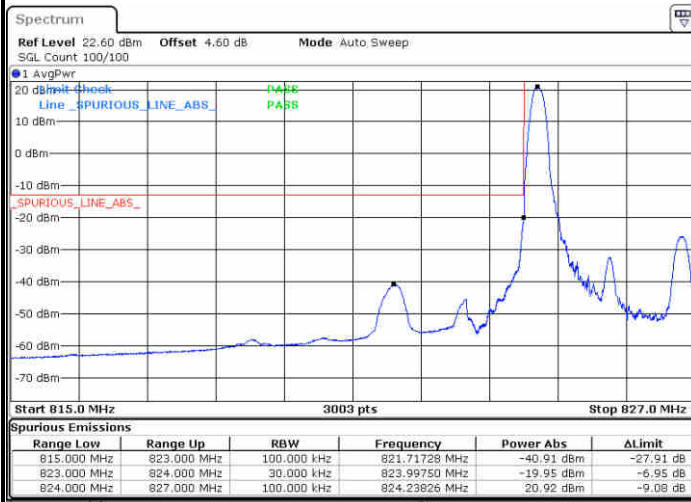
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / QPSK

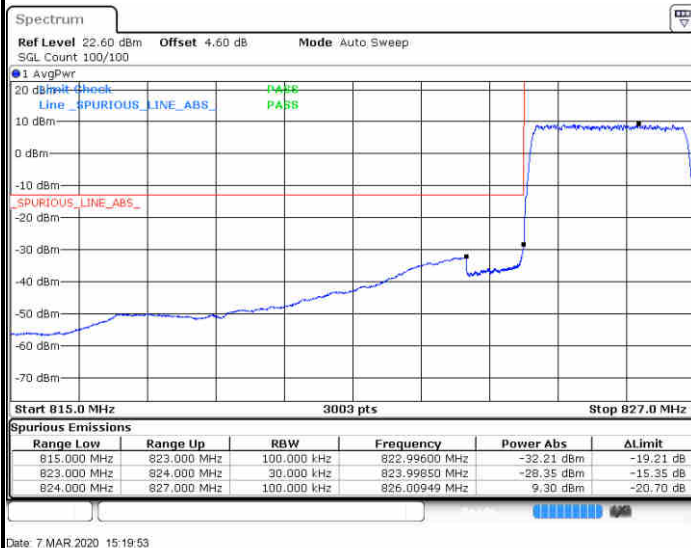
Lowest Band Edge / 1RB



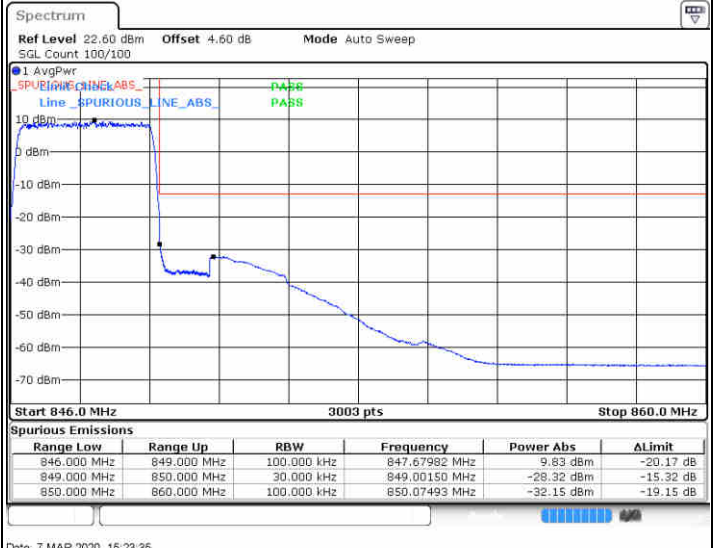
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



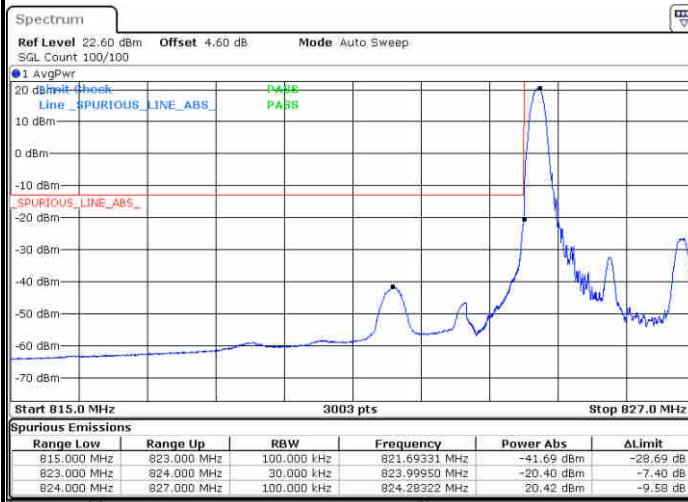
Highest Band Edge / Full RB



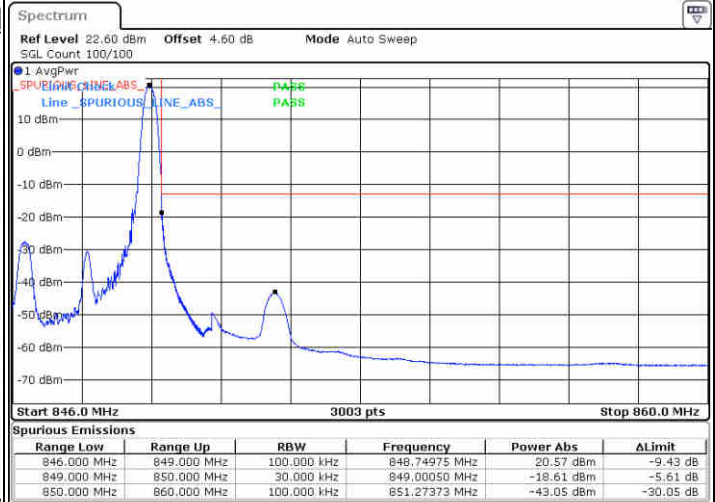


LTE Band 26 / 3MHz / 16QAM

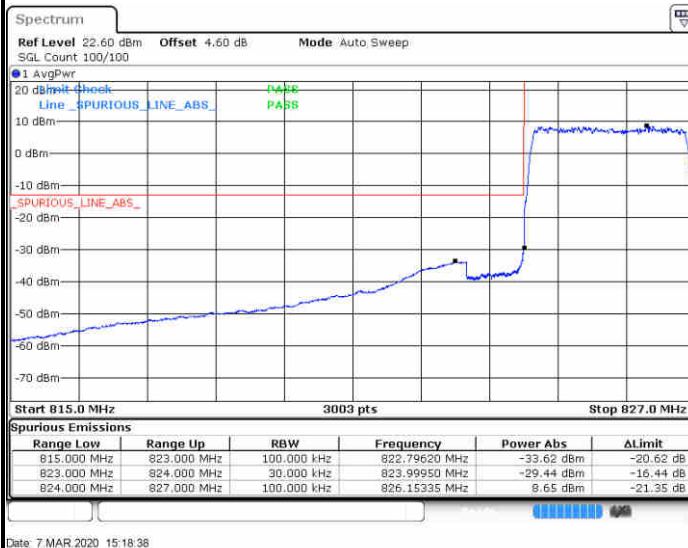
Lowest Band Edge / 1 RB



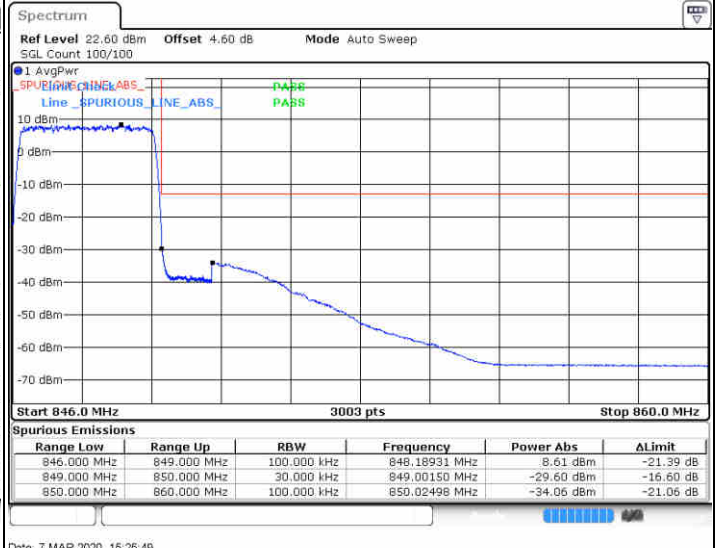
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



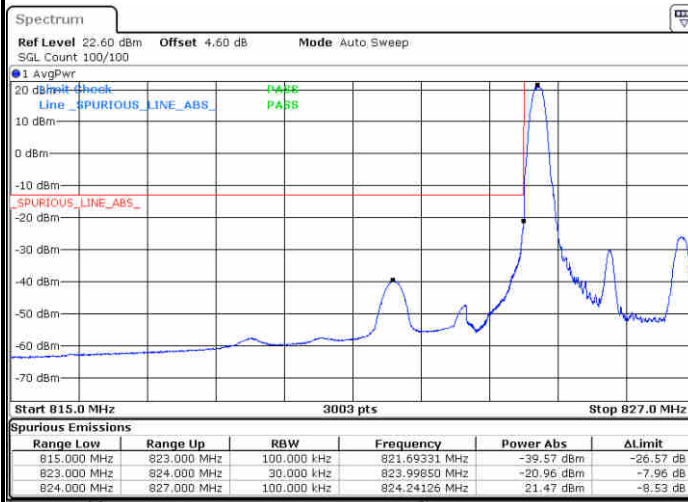
Highest Band Edge / Full RB



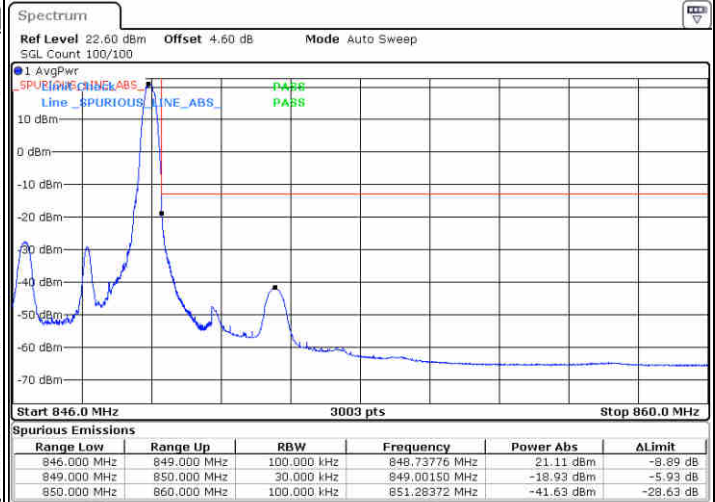


LTE Band 26 / 3MHz / 64QAM

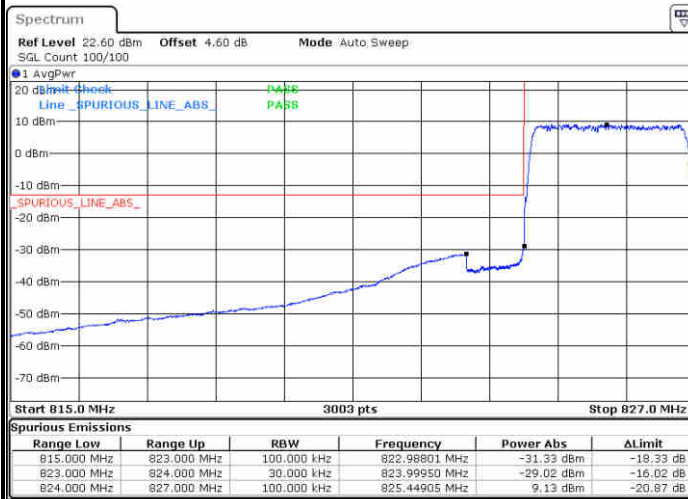
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



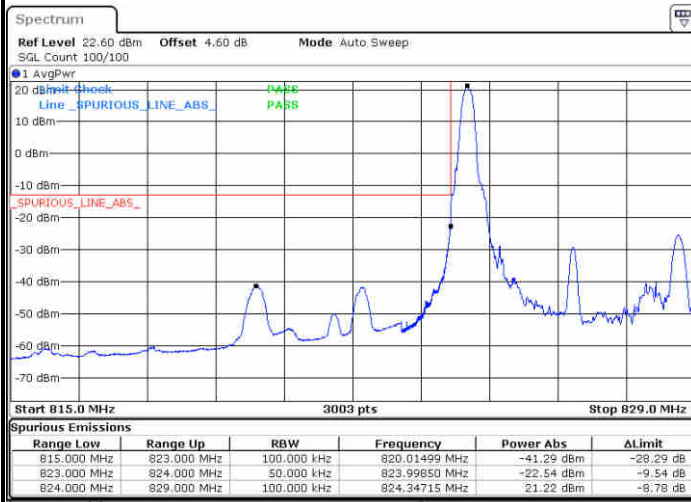
Highest Band Edge / Full RB



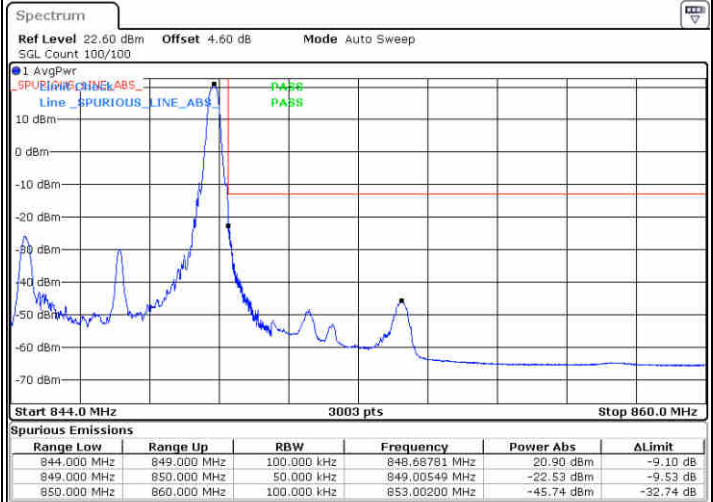


LTE Band 26 / 5MHz / QPSK

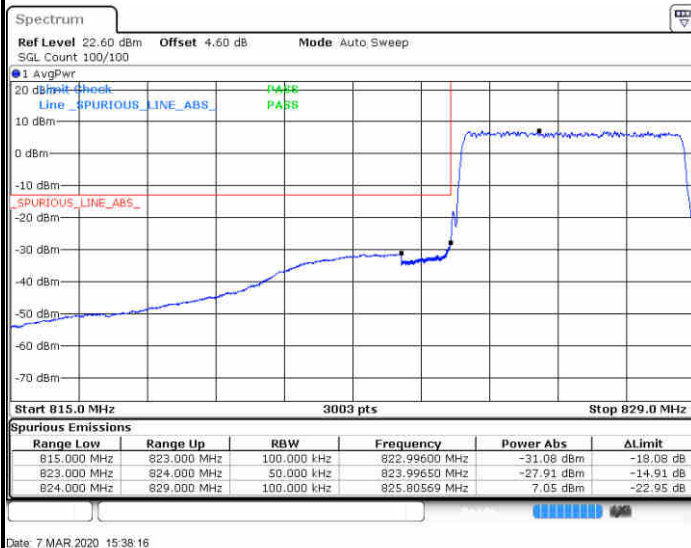
Lowest Band Edge / 1 RB



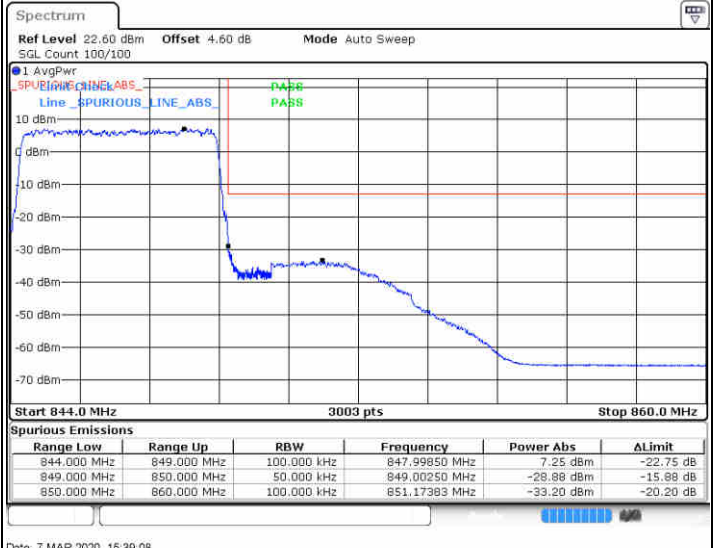
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



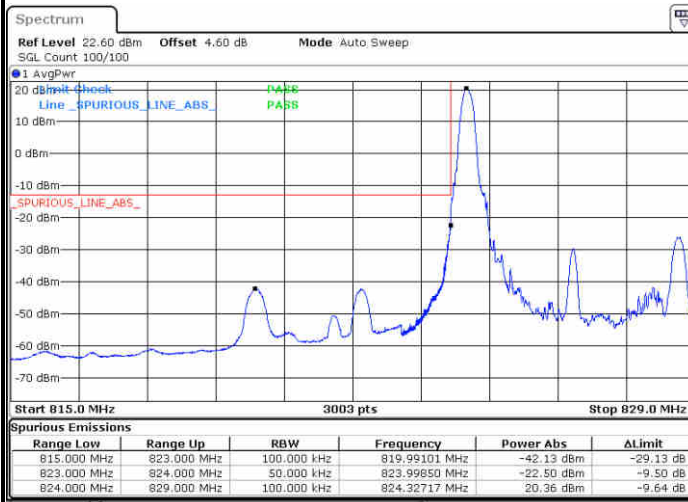
Highest Band Edge / Full RB



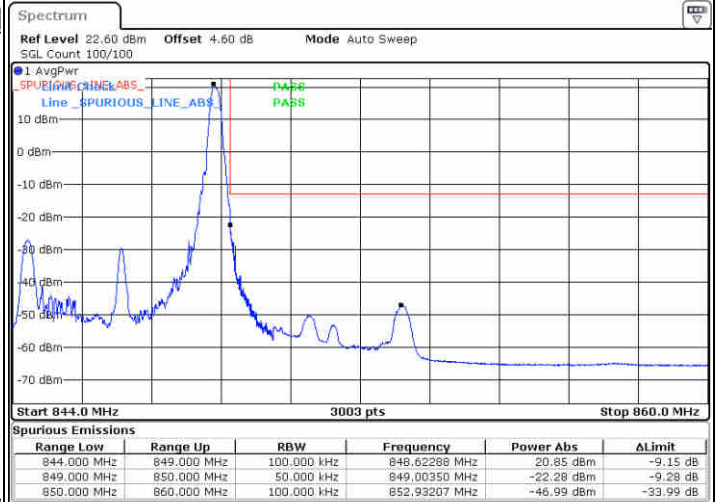


LTE Band 26 / 5MHz / 16QAM

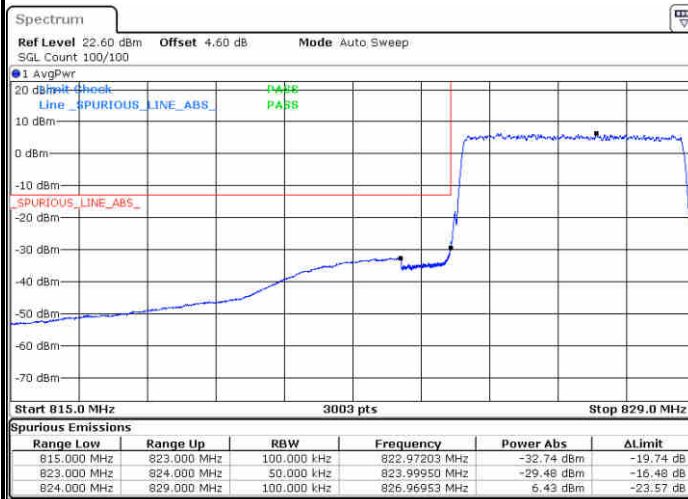
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



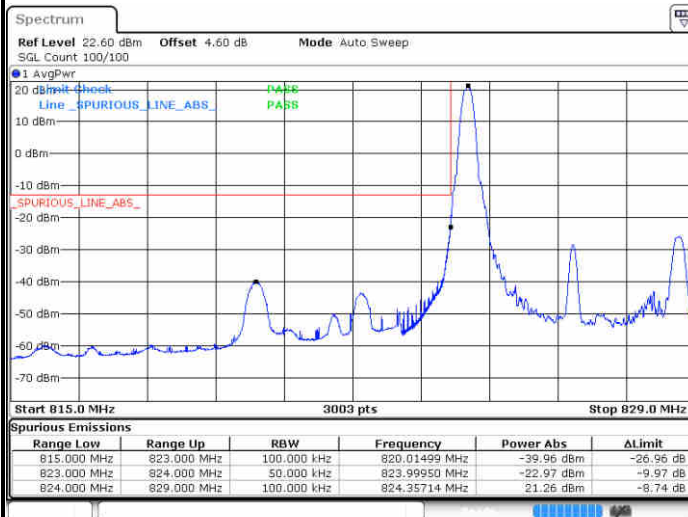
Highest Band Edge / Full RB



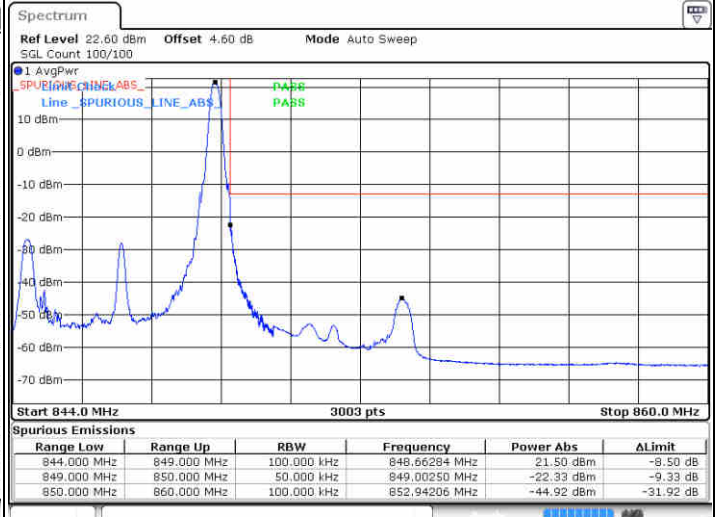


LTE Band 26 / 5MHz / 64QAM

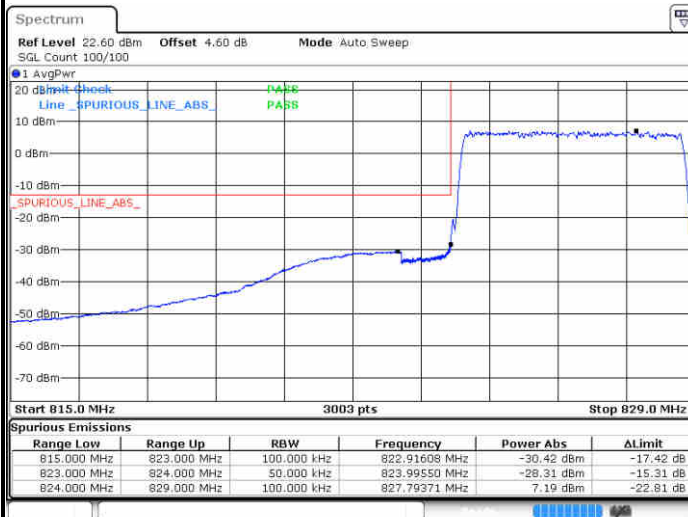
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

