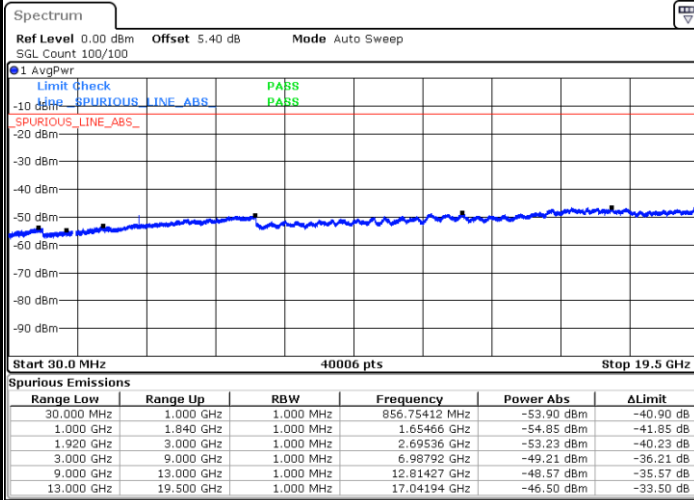




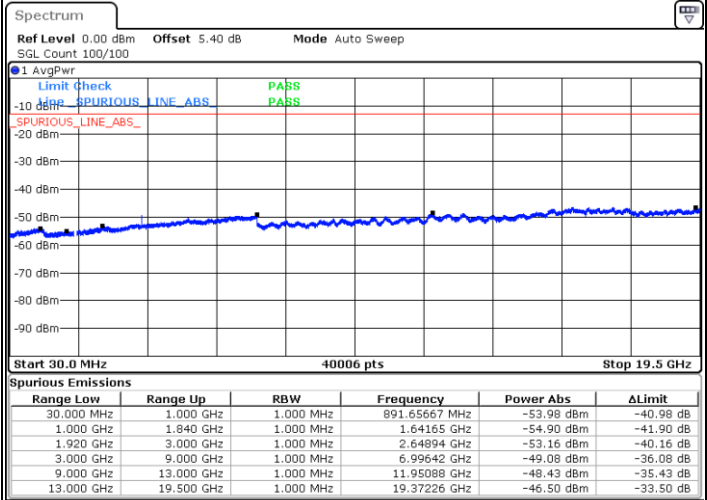
LTE Band 25 / 5MHz

Lowest Channel / 64QAM



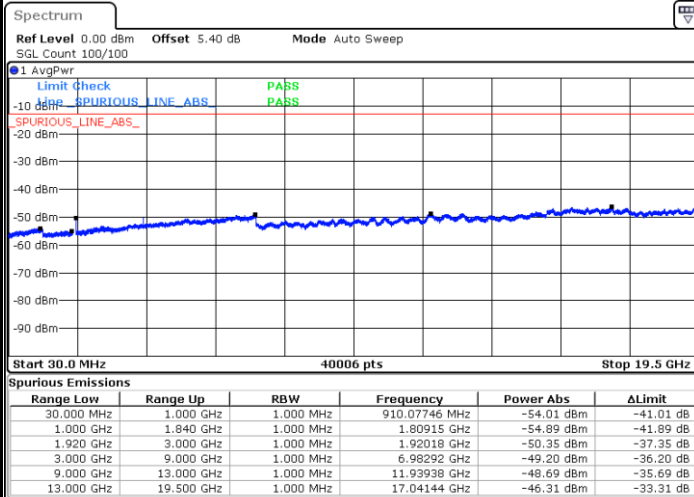
Date: 11.JAN.2020 13:36:07

Middle Channel / 64QAM



Date: 11.JAN.2020 13:40:39

Highest Channel / 64QAM

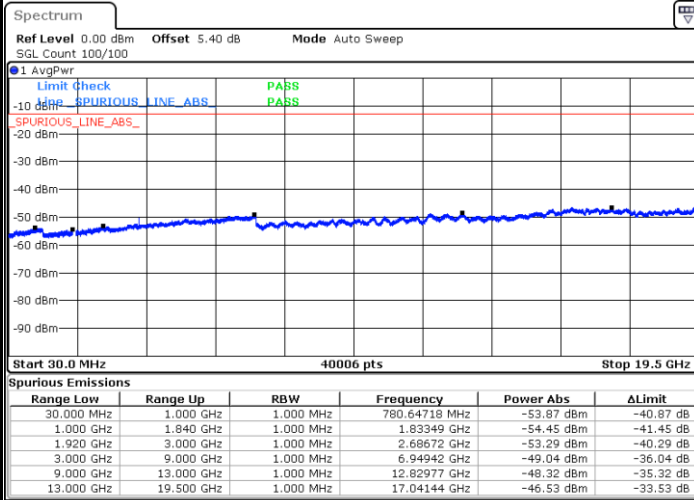


Date: 11.JAN.2020 13:50:20



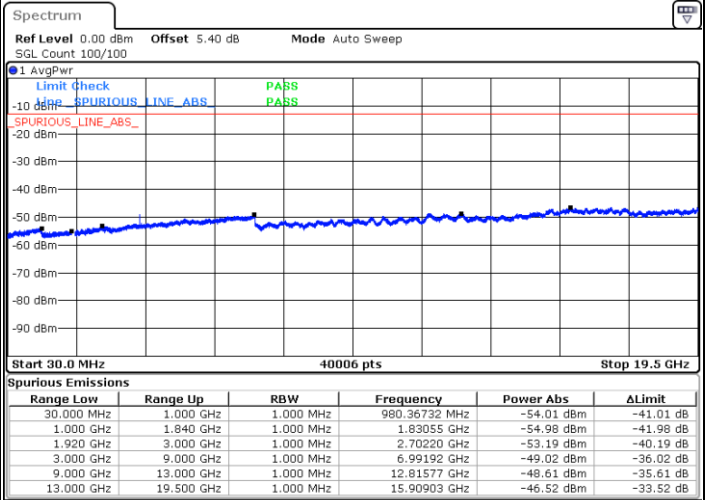
LTE Band 25 / 10MHz

Lowest Channel / 64QAM



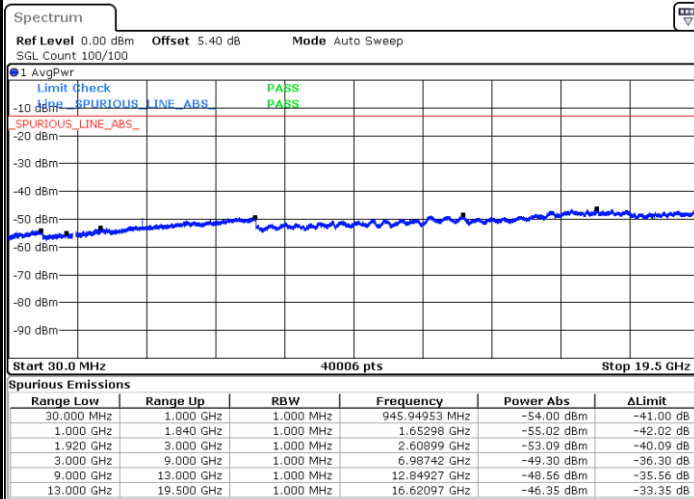
Date: 11.JAN.2020 14:00:49

Middle Channel / 64QAM



Date: 11.JAN.2020 14:05:22

Highest Channel / 64QAM

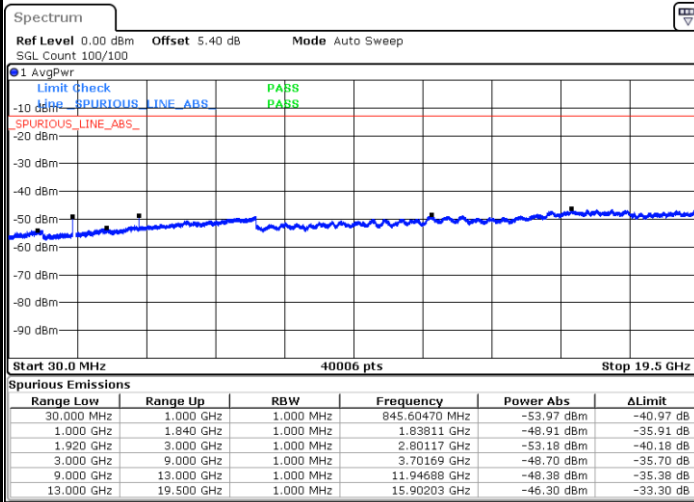


Date: 11.JAN.2020 14:15:02



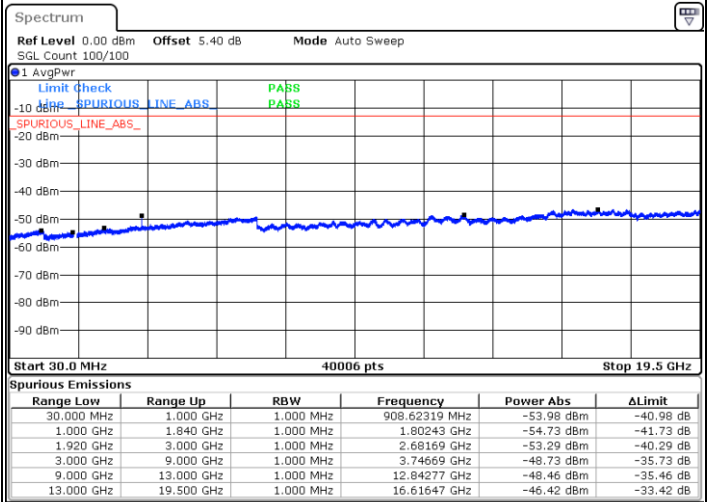
LTE Band 25 / 15MHz

Lowest Channel / 64QAM



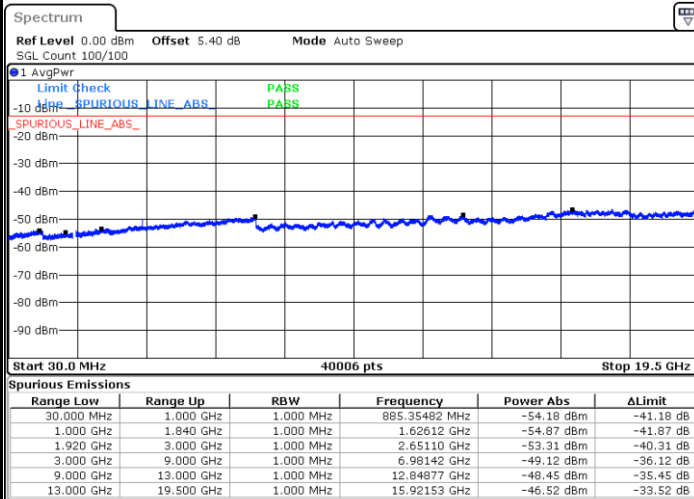
Date: 11.JAN.2020 14:25:31

Middle Channel / 64QAM



Date: 11.JAN.2020 14:30:04

Highest Channel / 64QAM

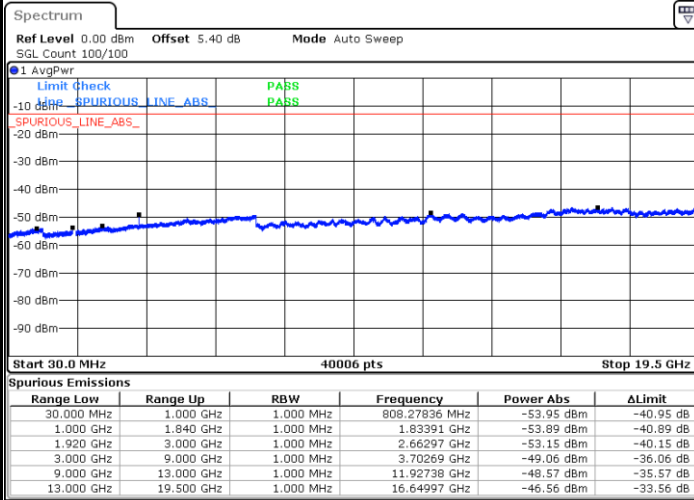


Date: 11.JAN.2020 14:39:45



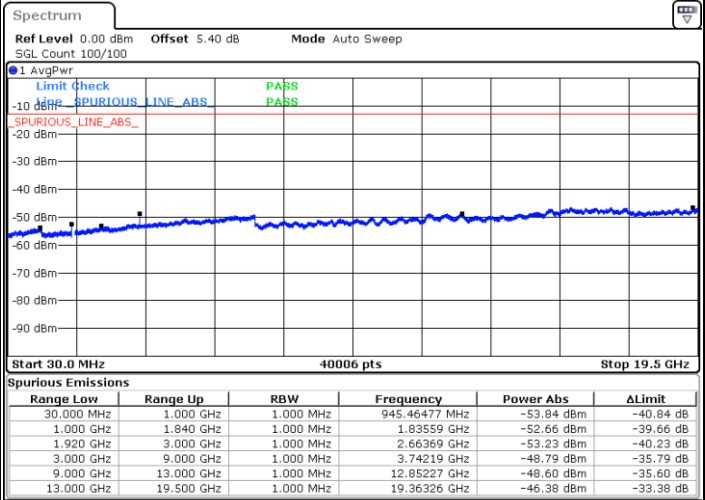
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



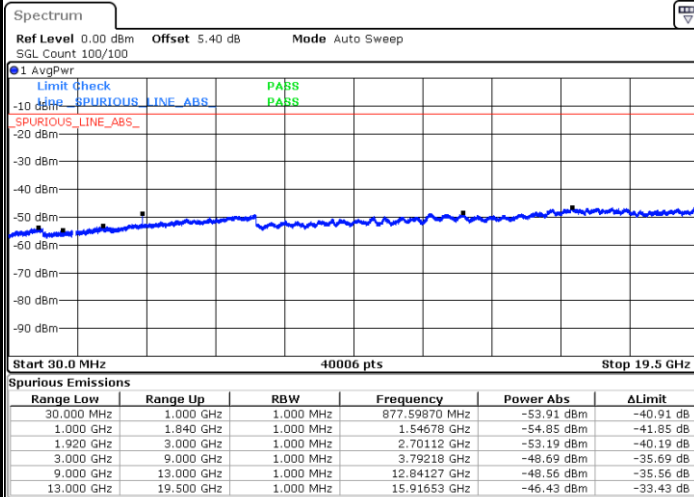
Date: 11.JAN.2020 14:50:14

Middle Channel / 64QAM



Date: 11.JAN.2020 14:54:47

Highest Channel / 64QAM



Date: 11.JAN.2020 15:04:27

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	0.0030	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0023	
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	0.0000	
20	Battery End Point	0.0014	

Note:

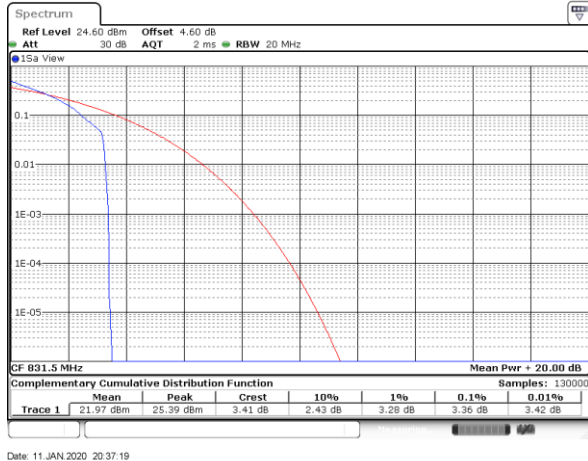
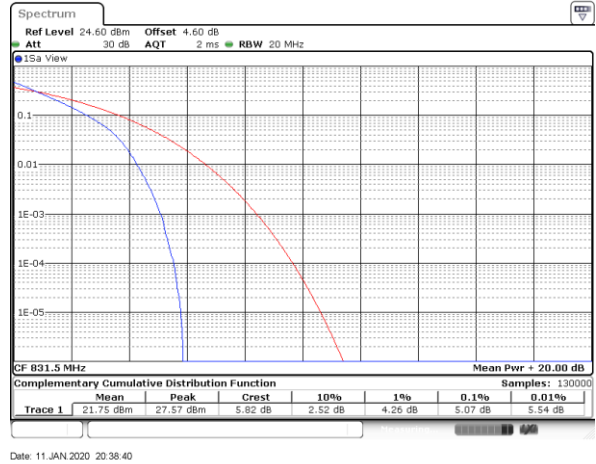
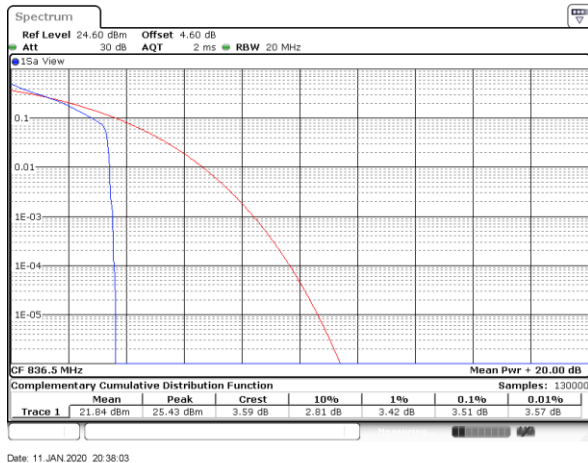
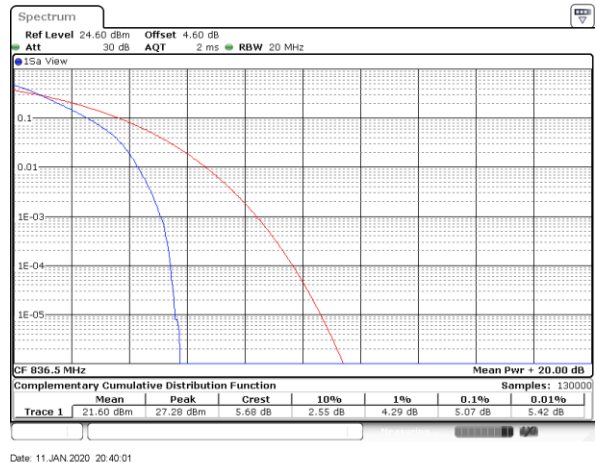
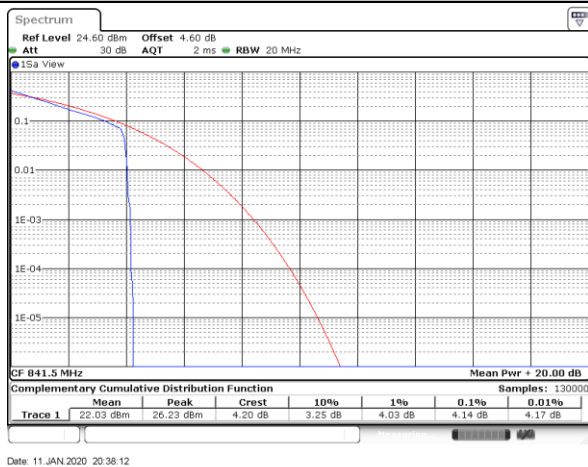
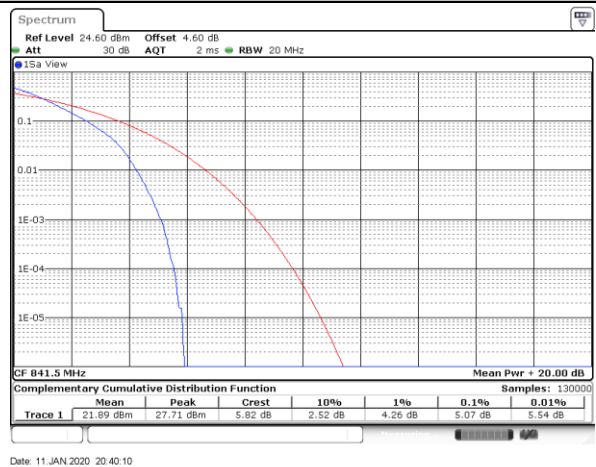
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

Peak-to-Average Ratio

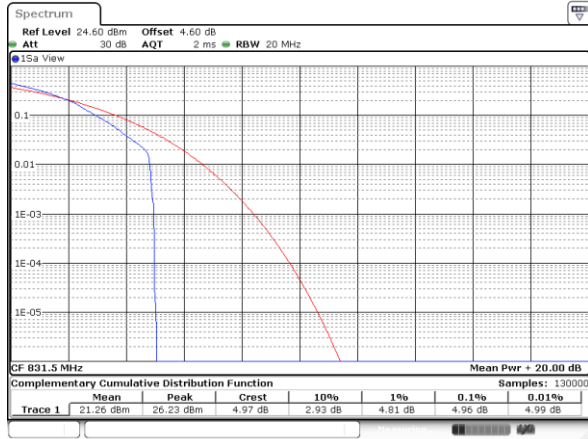
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.36	5.07	4.96	6.32	PASS
Middle CH	3.51	5.07	4.87	6.35	
Highest CH	4.14	5.07	5.77	6.35	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	6.38	6.84	PASS		
Middle CH	6.09	6.90			
Highest CH	6.72	6.93			

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


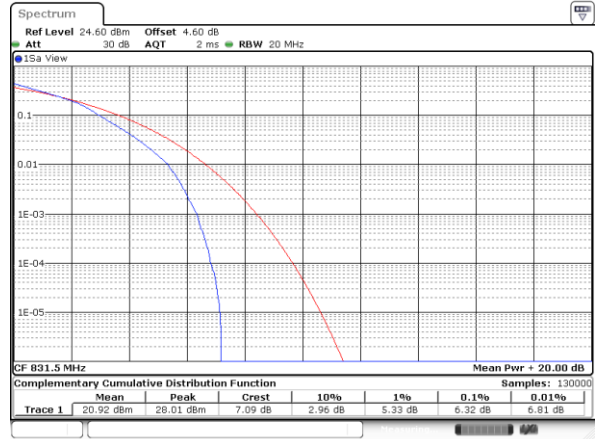


LTE Band 26 / 15MHz / 16QAM

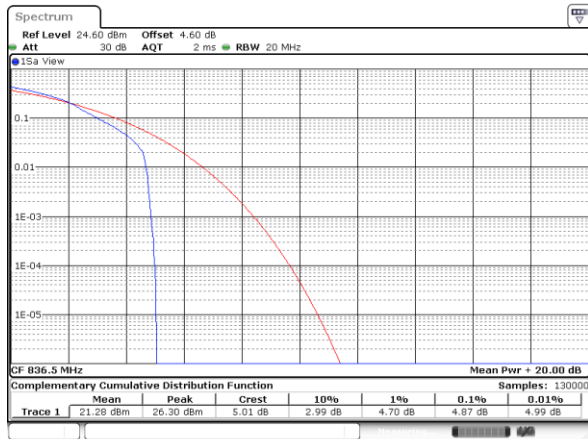
Lowest Channel / 1RB



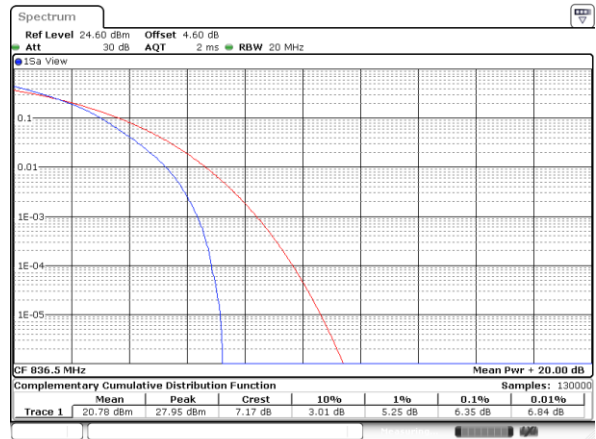
Lowest Channel / Full RB



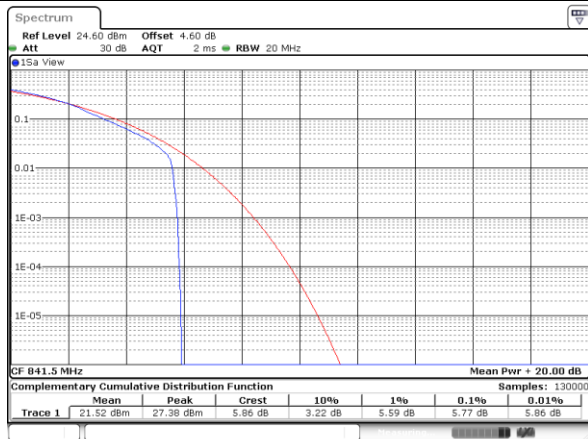
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



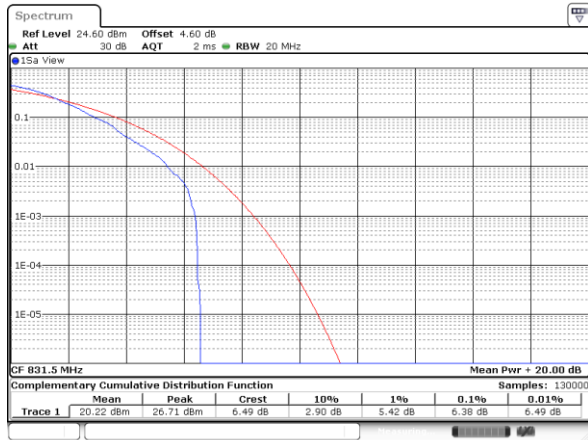
Highest Channel / Full RB



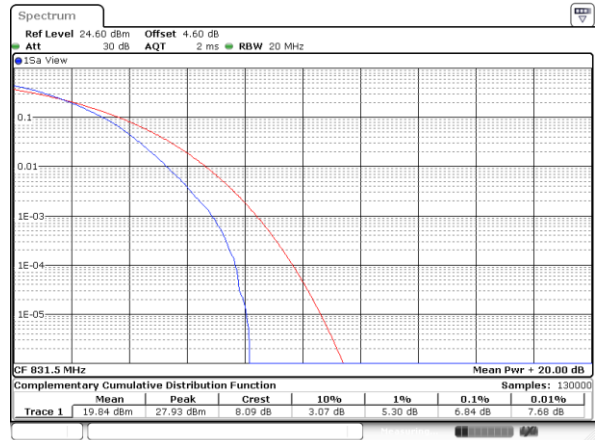


LTE Band 26 / 15MHz / 64QAM

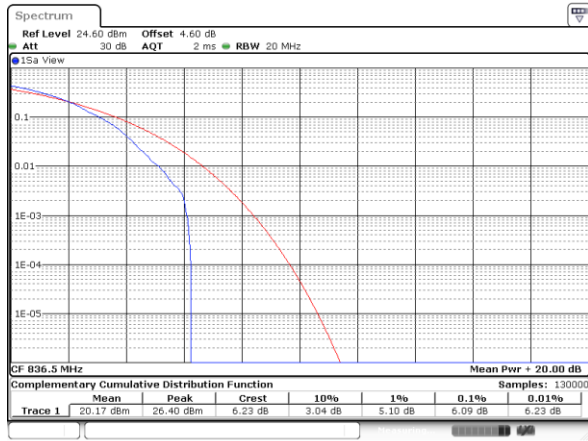
Lowest Channel / 1RB



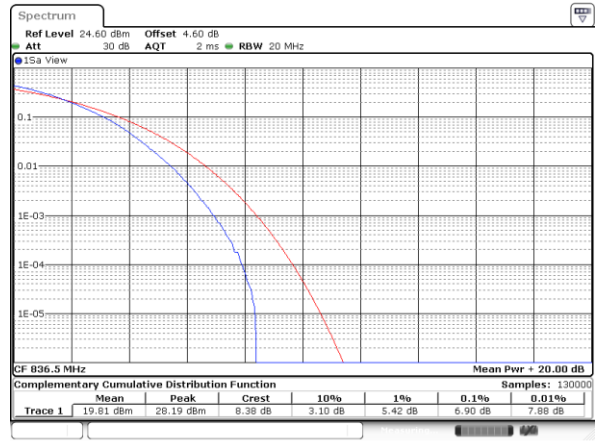
Lowest Channel / Full RB



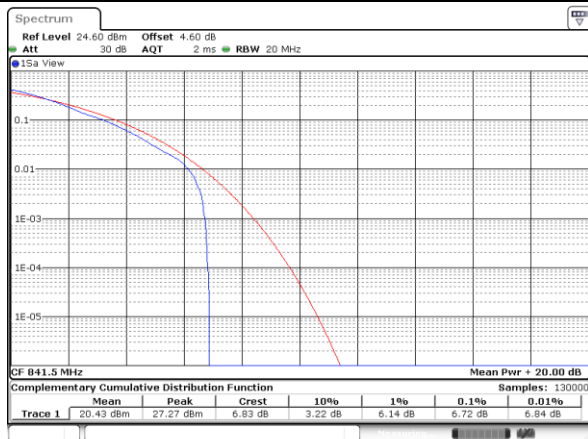
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



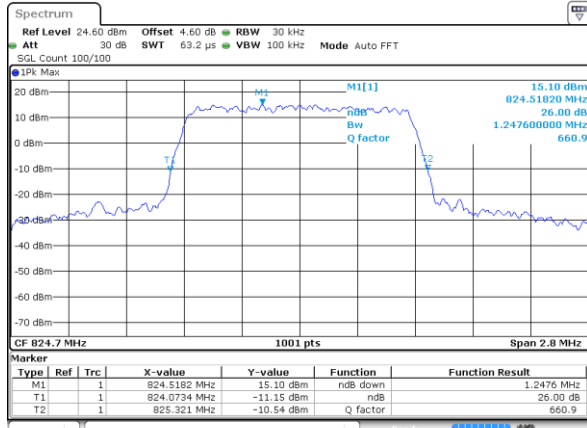
**26dB Bandwidth**

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	1.2476	1.2308	3.021	3.003	4.855	4.885	9.83	9.85	14.236	14.655	14.356	14.326
Middle CH	1.228	1.2336	3.015	3.0629	4.875	4.905	9.73	9.73	14.476	14.386	-	-
Highest CH	1.2224	1.2308	2.997	2.997	4.935	4.895	9.89	9.61	14.476	14.236	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	CH26765						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.242	3.033	4.875	9.81	14.476	14.535						
Middle CH	1.228	2.979	4.975	9.87	14.505	-						
Highest CH	1.228	2.967	4.825	9.65	14.476	-						



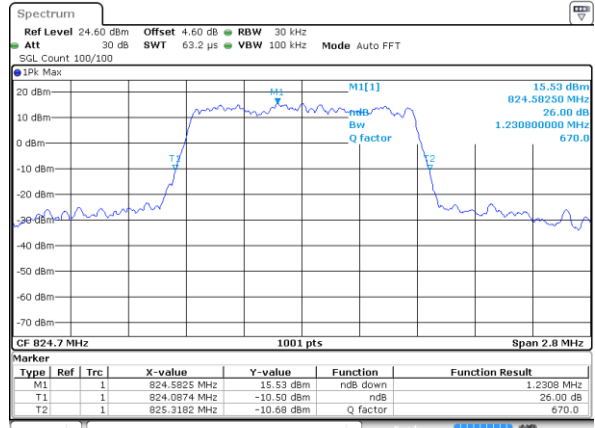
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



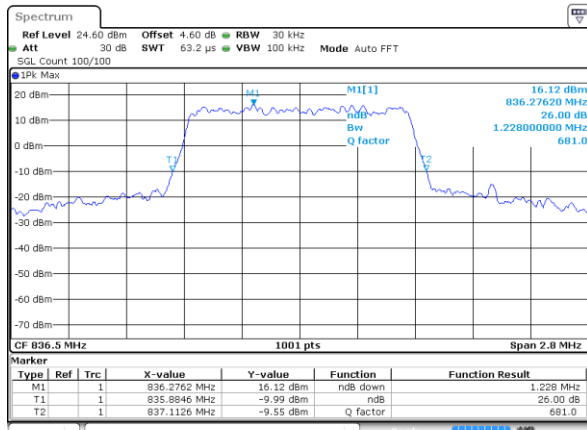
Date: 11 JAN 2020 19:02:41

Lowest Channel / 1.4MHz / 16QAM



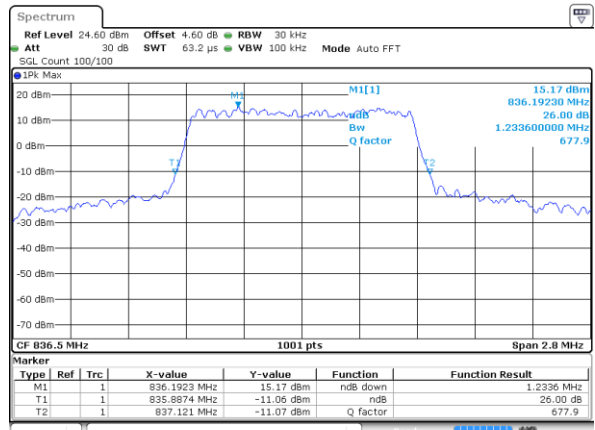
Date: 11 JAN 2020 19:03:01

Middle Channel / 1.4MHz / QPSK



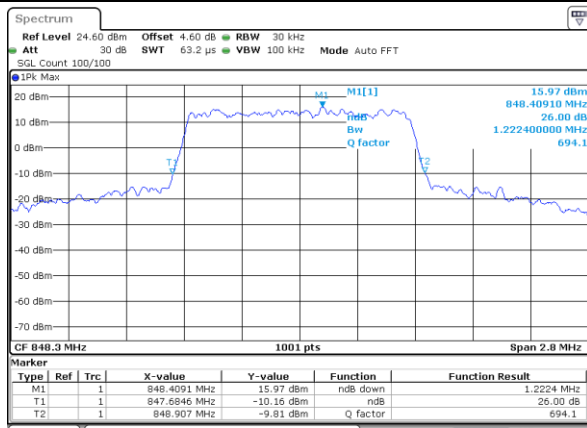
Date: 11 JAN 2020 19:20:58

Middle Channel / 1.4MHz / 16QAM



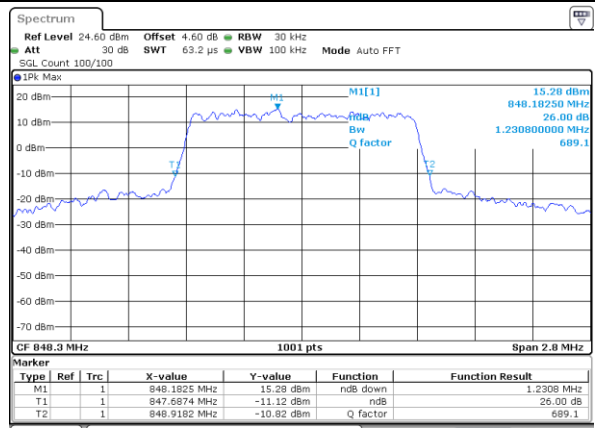
Date: 11 JAN 2020 19:20:38

Highest Channel / 1.4MHz / QPSK



Date: 11 JAN 2020 19:21:18

Highest Channel / 1.4MHz / 16QAM

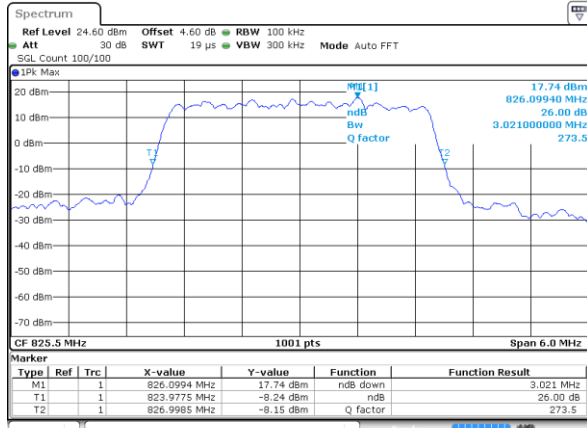


Date: 11 JAN 2020 19:21:38

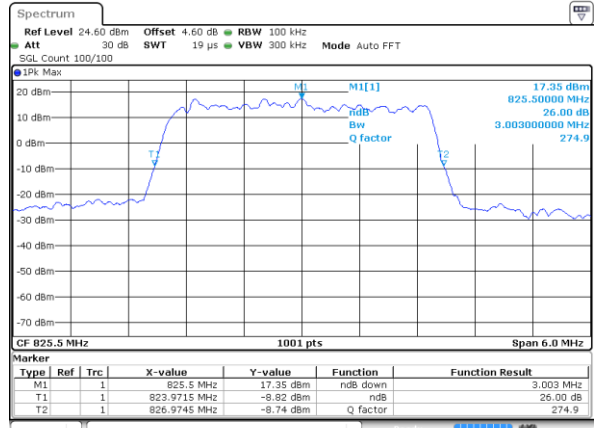


LTE Band 26

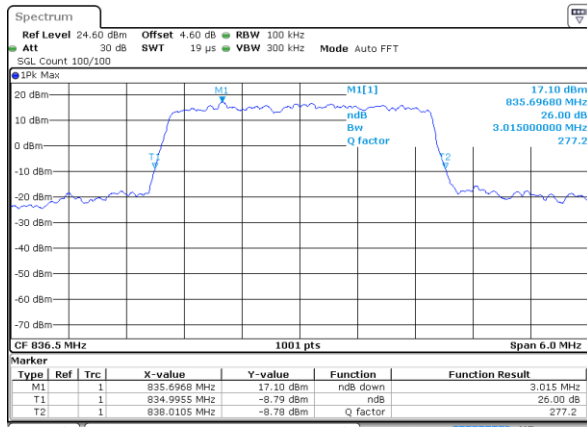
Lowest Channel / 3MHz / QPSK



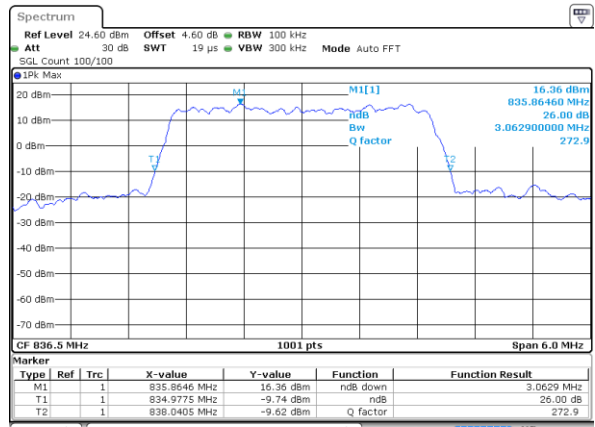
Lowest Channel / 3MHz / 16QAM



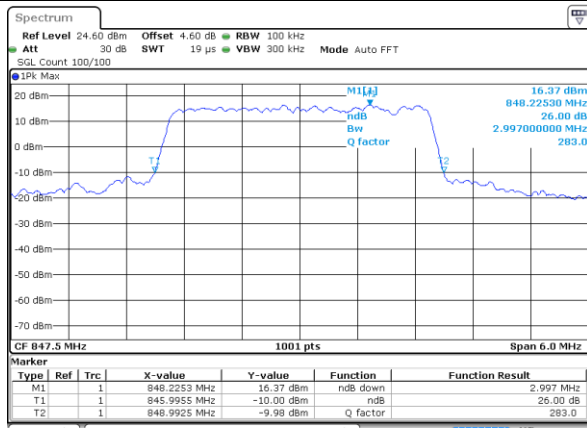
Middle Channel / 3MHz / QPSK



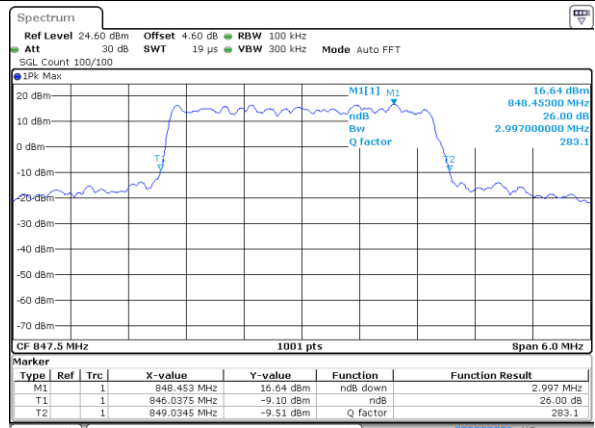
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



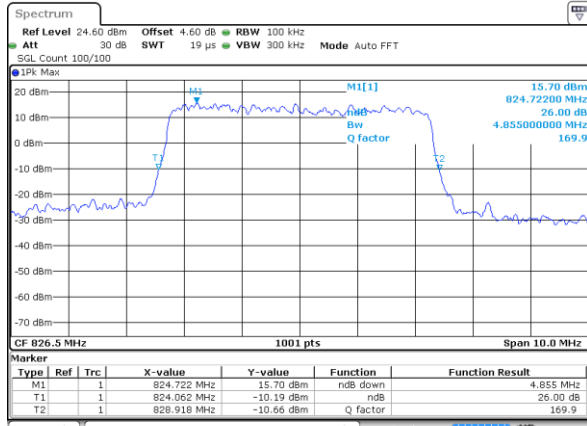
Highest Channel / 3MHz / 16QAM



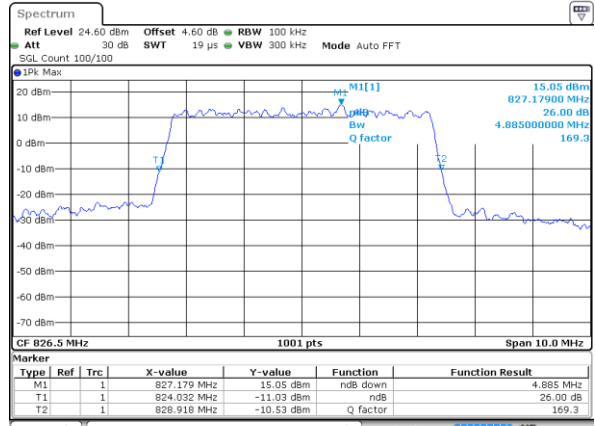


LTE Band 26

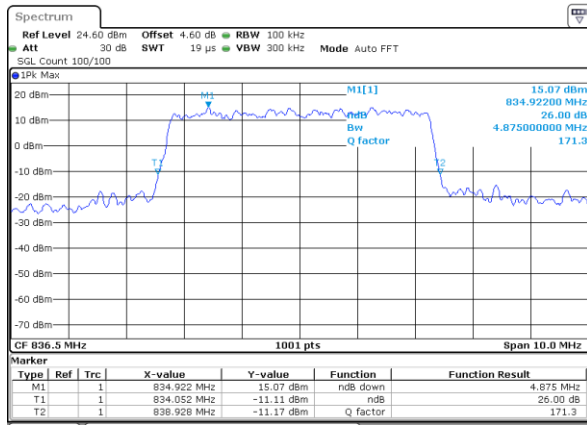
Lowest Channel / 5MHz / QPSK



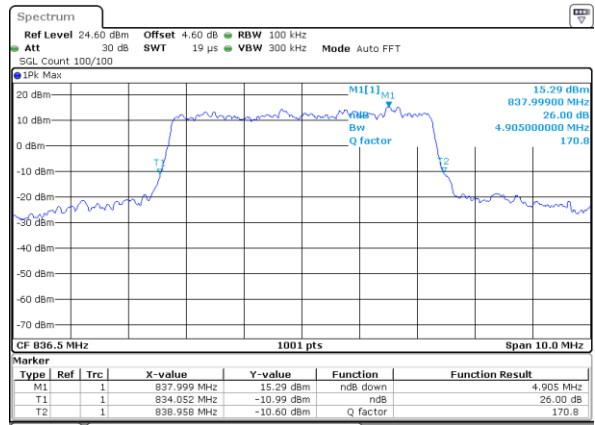
Lowest Channel / 5MHz / 16QAM



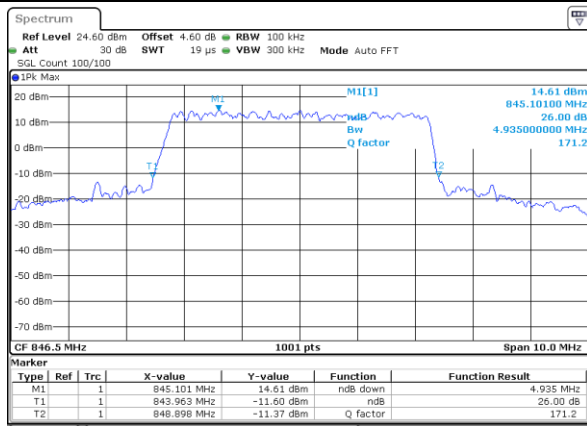
Middle Channel / 5MHz / QPSK



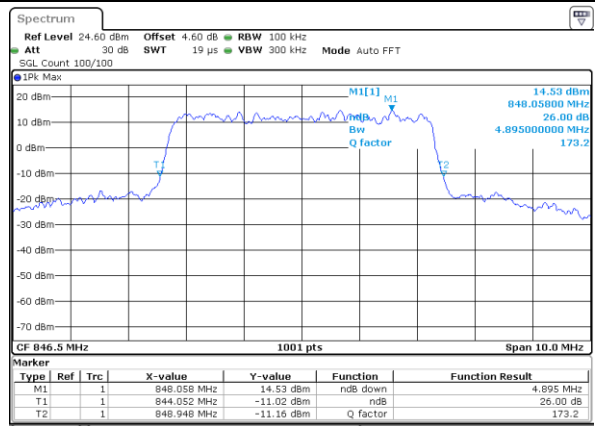
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



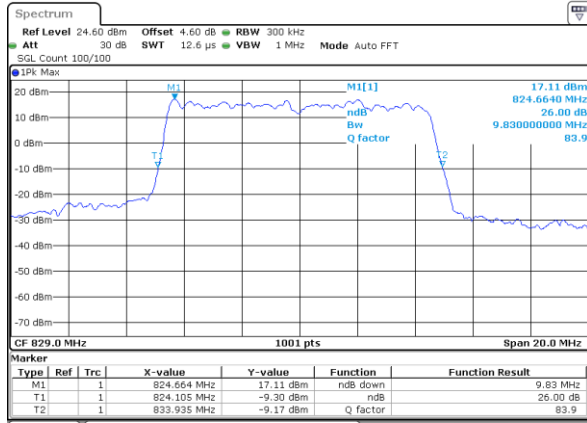
Highest Channel / 5MHz / 16QAM





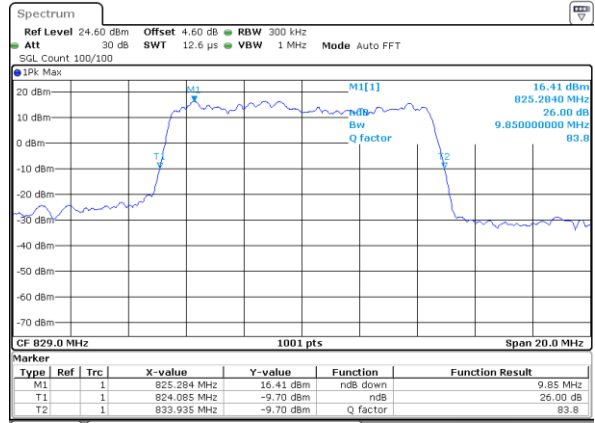
LTE Band 26

Lowest Channel / 10MHz / QPSK



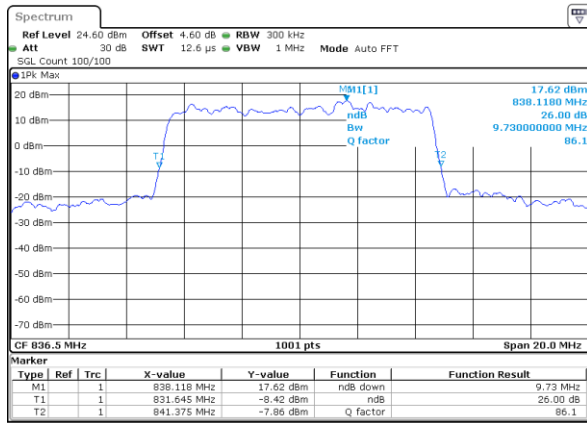
Date: 11 JAN 2020 19:58:07

Lowest Channel / 10MHz / 16QAM



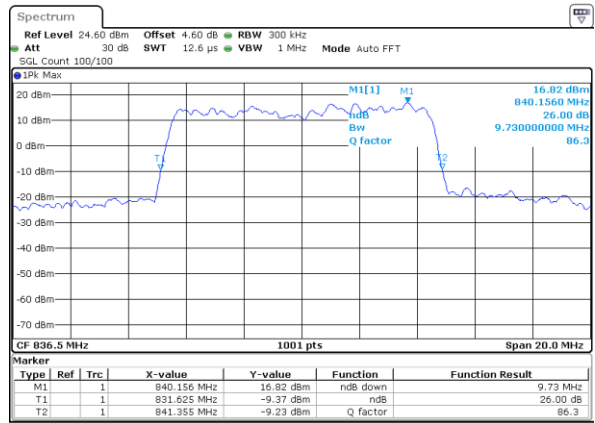
Date: 11 JAN 2020 19:58:27

Middle Channel / 10MHz / QPSK



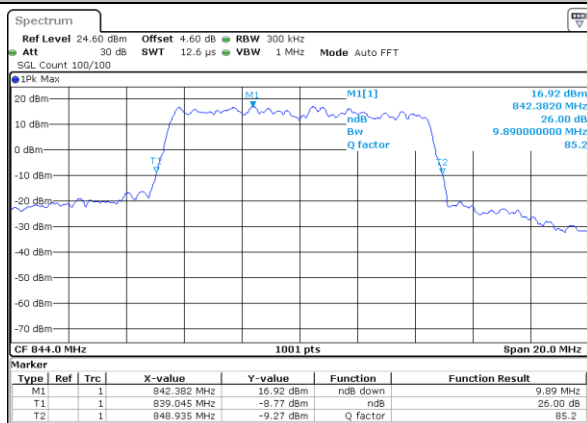
Date: 11 JAN 2020 19:59:47

Middle Channel / 10MHz / 16QAM



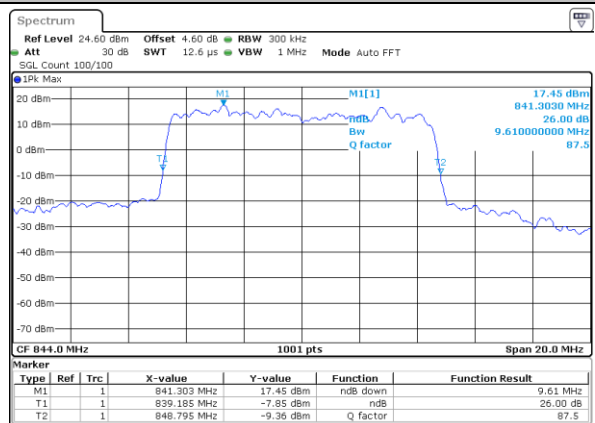
Date: 11 JAN 2020 19:59:27

Highest Channel / 10MHz / QPSK



Date: 11 JAN 2020 20:00:07

Highest Channel / 10MHz / 16QAM

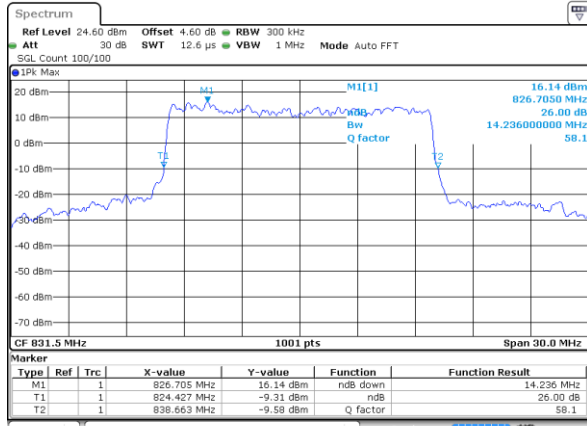


Date: 11 JAN 2020 20:00:28



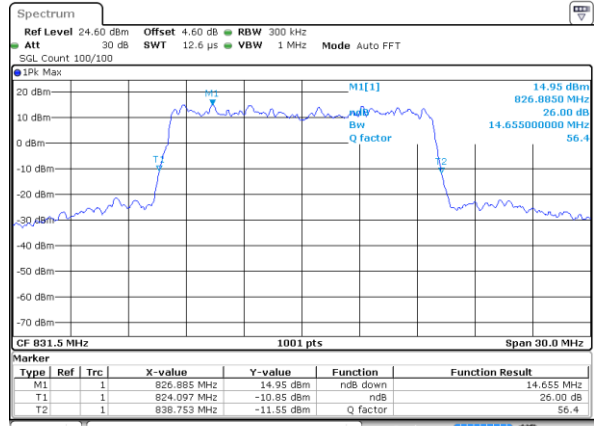
LTE Band 26

Lowest Channel / 15MHz / QPSK



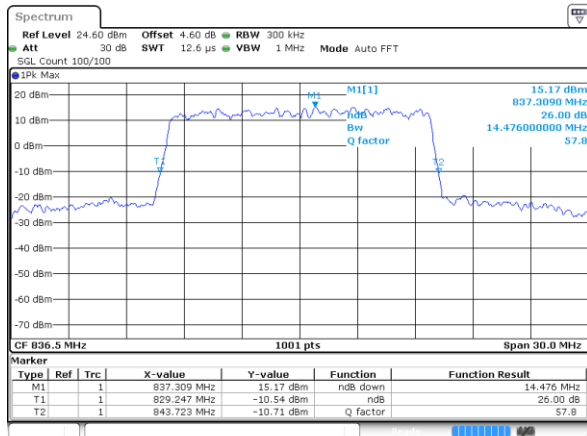
Date: 11 JAN 2020 20:16:02

Lowest Channel / 15MHz / 16QAM



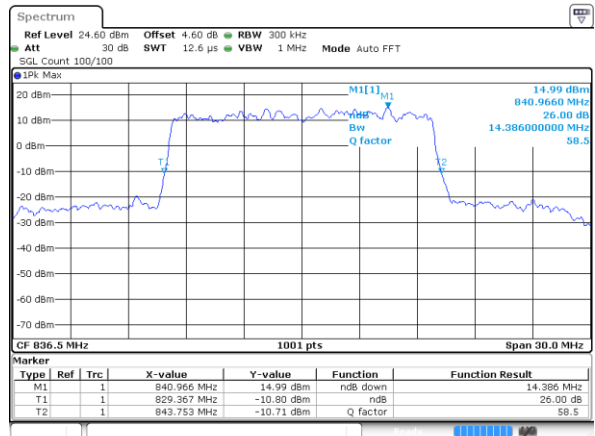
Date: 11 JAN 2020 20:16:22

Middle Channel / 15MHz / QPSK



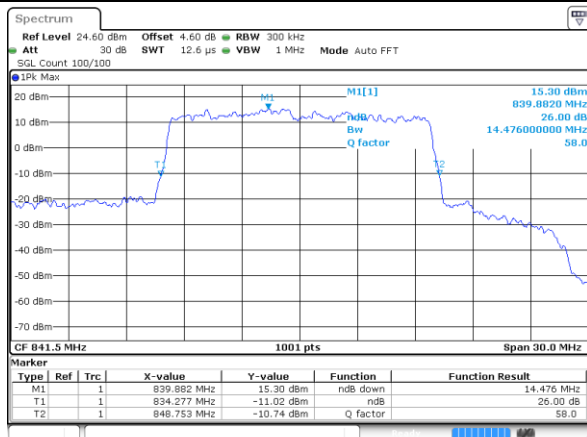
Date: 11 JAN 2020 20:17:42

Middle Channel / 15MHz / 16QAM



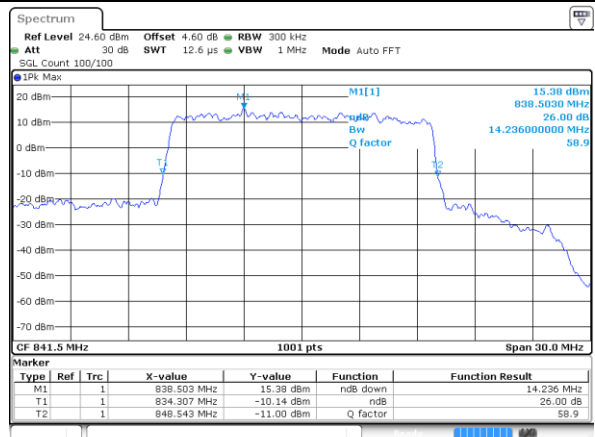
Date: 11 JAN 2020 20:17:22

Highest Channel / 15MHz / QPSK



Date: 11 JAN 2020 20:18:02

Highest Channel / 15MHz / 16QAM

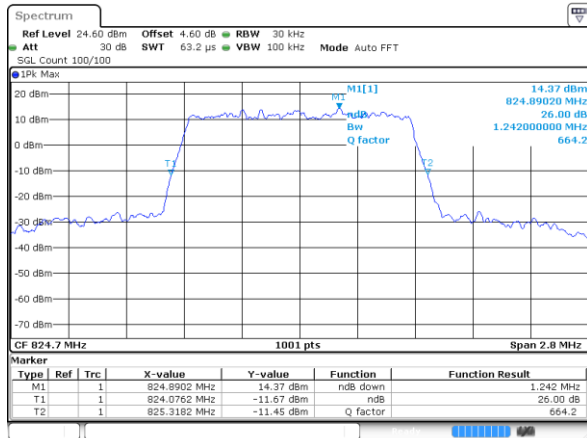


Date: 11 JAN 2020 20:18:22



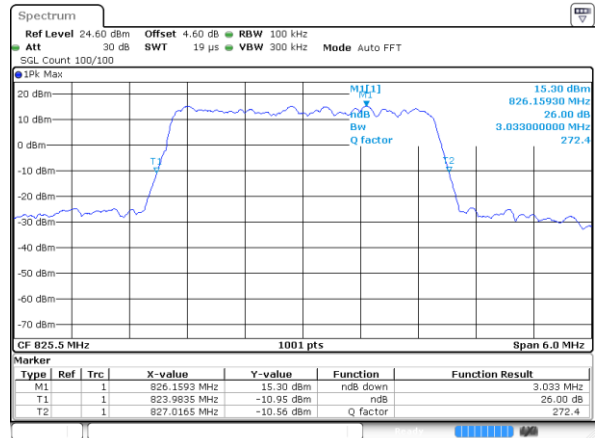
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



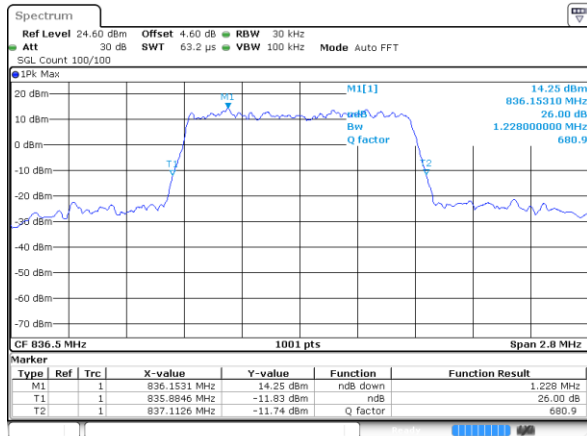
Date: 11 JAN 2020 19:03:22

Lowest Channel / 3MHz / 64QAM



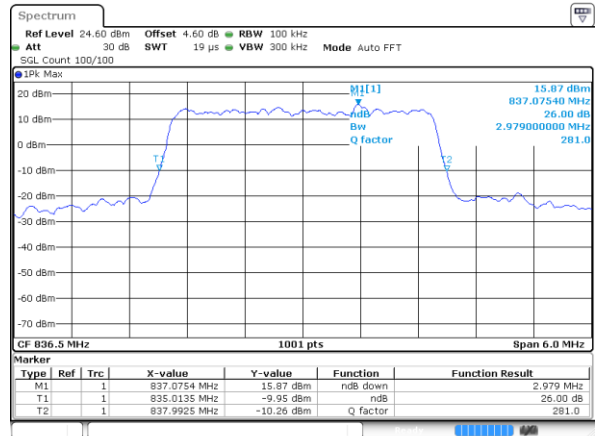
Date: 11 JAN 2020 19:22:58

Middle Channel / 1.4MHz / 64QAM



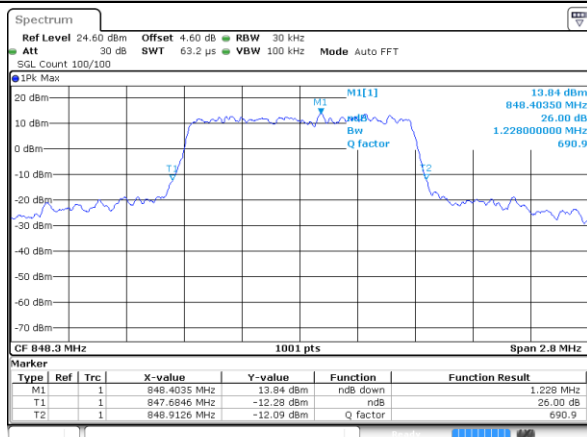
Date: 11 JAN 2020 19:20:18

Middle Channel / 3MHz / 64QAM



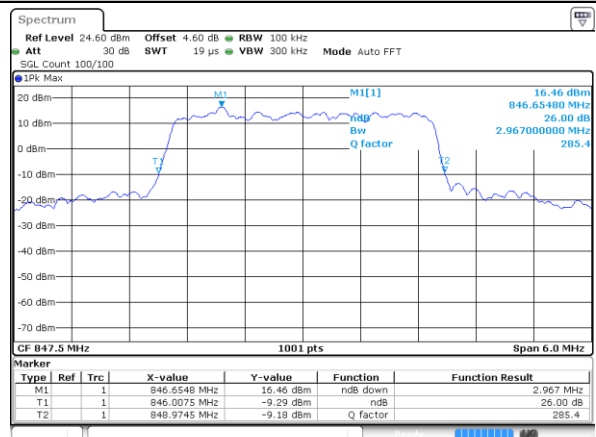
Date: 11 JAN 2020 19:23:18

Highest Channel / 1.4MHz / 64QAM



Date: 11 JAN 2020 19:21:58

Highest Channel / 3MHz / 64QAM

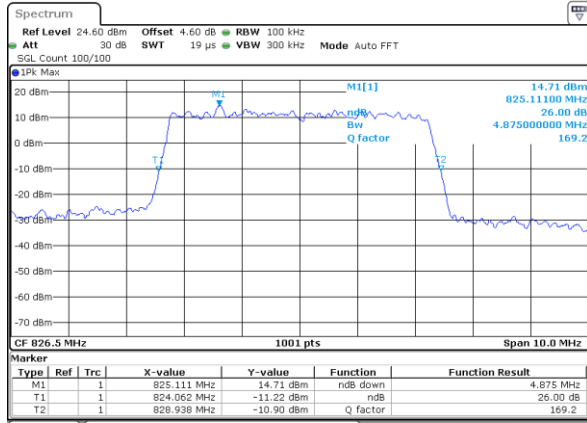


Date: 11 JAN 2020 19:24:58



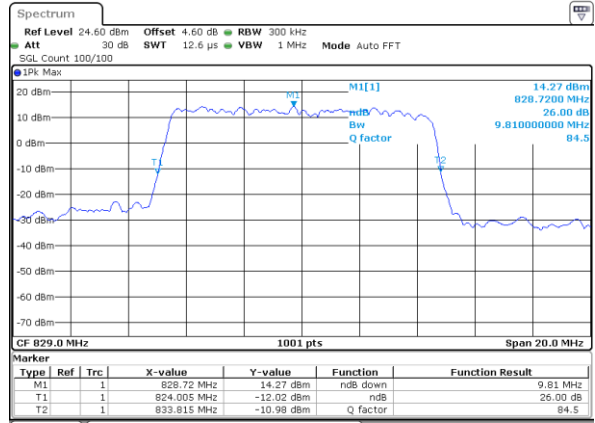
LTE Band 26

Lowest Channel / 5MHz / 64QAM



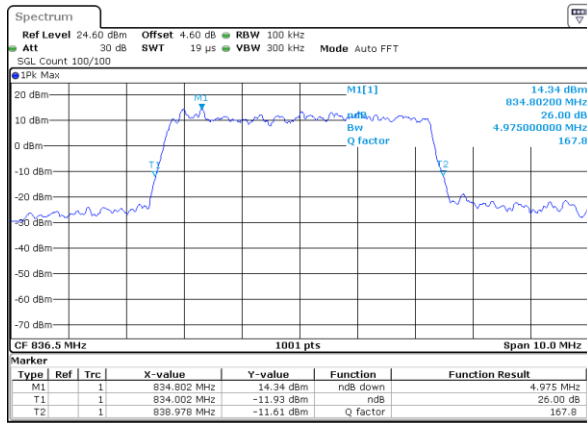
Date: 11 JAN 2020 19:40:53

Lowest Channel / 10MHz / 64QAM



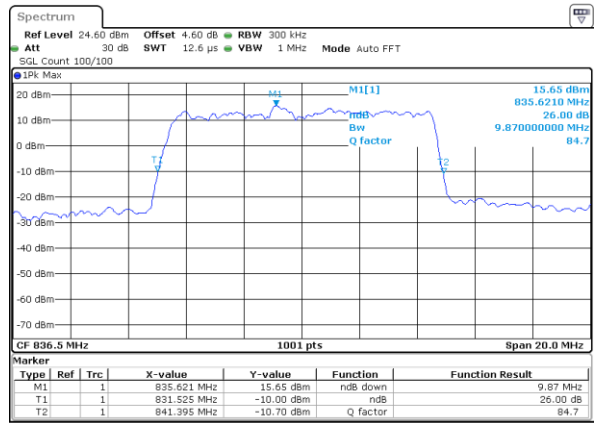
Date: 11 JAN 2020 19:58:47

Middle Channel / 5MHz / 64QAM



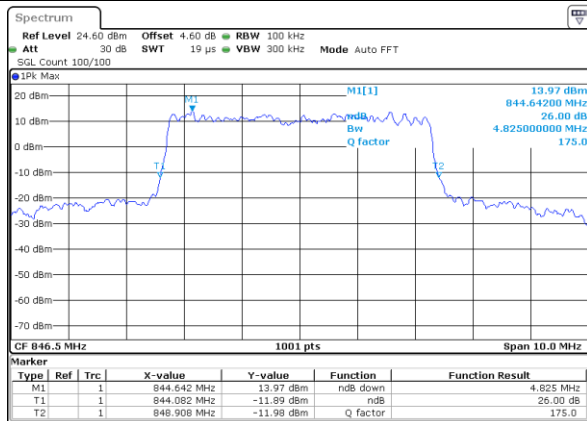
Date: 11 JAN 2020 19:41:13

Middle Channel / 10MHz / 64QAM



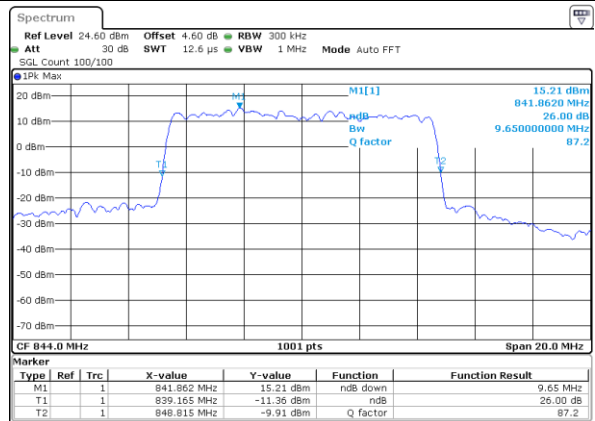
Date: 11 JAN 2020 19:59:07

Highest Channel / 5MHz / 64QAM



Date: 11 JAN 2020 19:42:53

Highest Channel / 10MHz / 64QAM

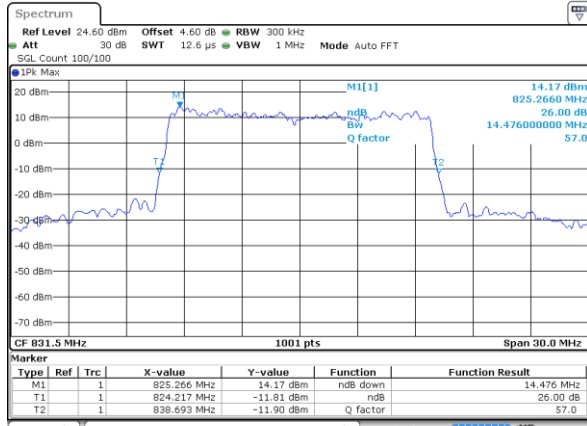


Date: 11 JAN 2020 20:00:48



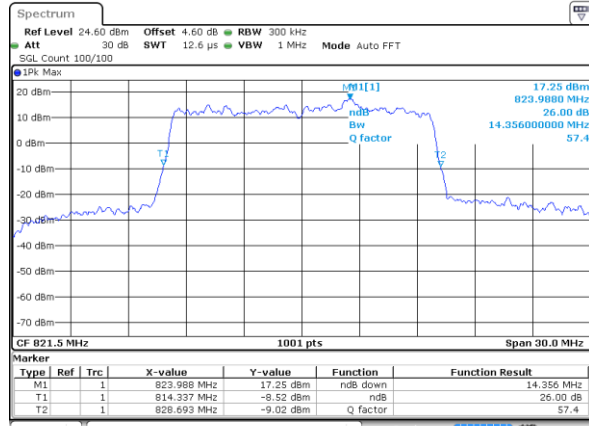
LTE Band 26

Lowest Channel / 15MHz / 64QAM



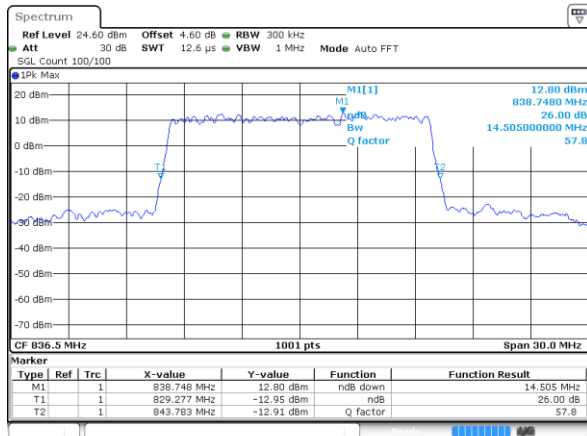
Date: 11 JAN 2020 20:16:42

Channel 26765 / 15MHz / QPSK



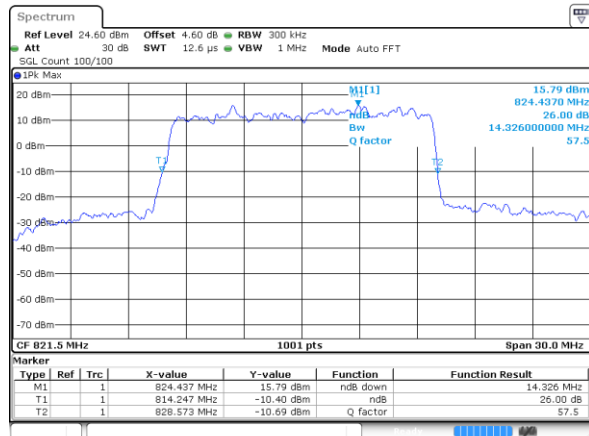
Date: 12 JAN 2020 13:18:59

Middle Channel / 15MHz / 64QAM



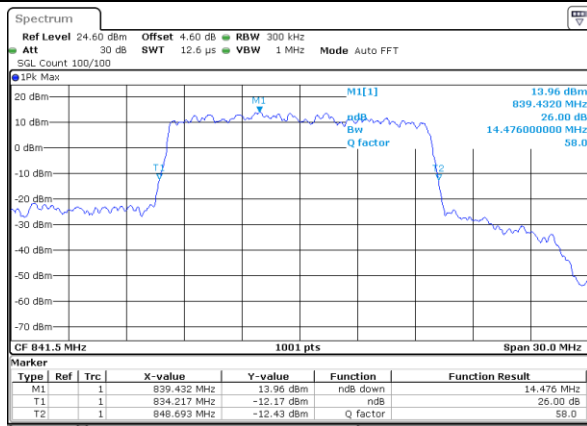
Date: 11 JAN 2020 20:17:02

Channel 26765 / 15MHz / 16QAM



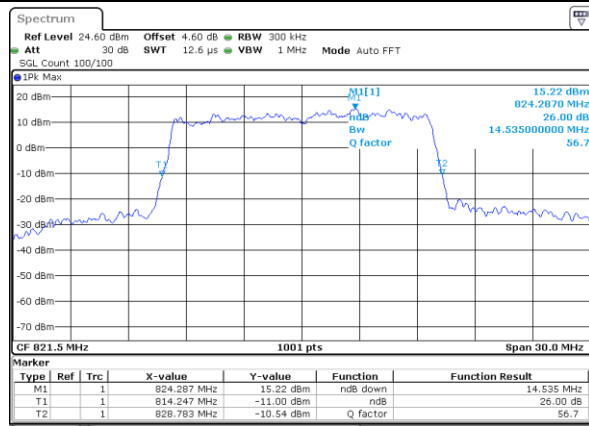
Date: 12 JAN 2020 13:19:23

Highest Channel / 15MHz / 64QAM



Date: 11 JAN 2020 20:18:42

Channel 26765 / 15MHz / 64QAM



Date: 12 JAN 2020 13:18:38

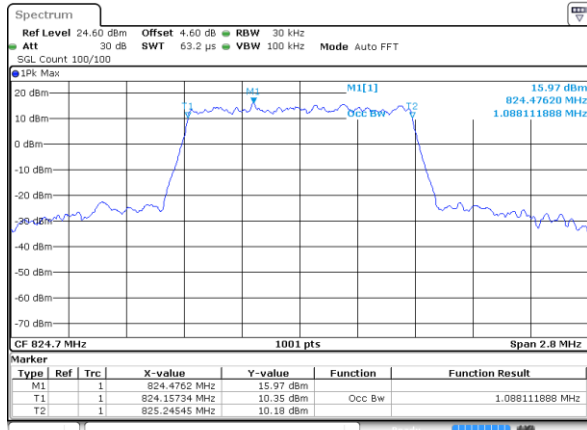
**Occupied Bandwidth**

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	1.08	2.73	2.71	4.49	4.49	9.07	8.99	13.46	13.46	13.37	13.40
Middle CH	1.09	1.09	2.71	2.69	4.50	4.48	8.97	9.03	13.46	13.46	-	-
Highest CH	1.09	1.09	2.71	2.73	4.49	4.50	9.17	9.03	13.49	13.37	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	CH26765						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.48	9.01	13.46	13.37						
Middle CH	1.10	2.73	4.49	9.01	13.43	-						
Highest CH	1.10	2.72	4.51	9.01	13.40	-						

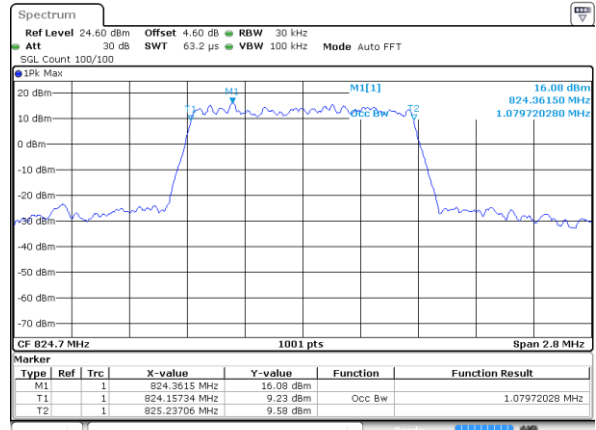


LTE Band 26

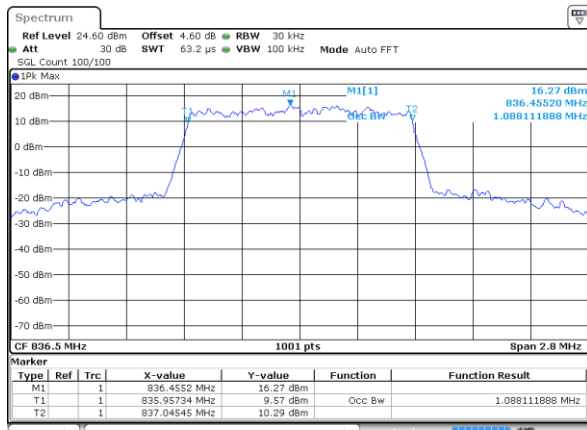
Lowest Channel / 1.4MHz / QPSK



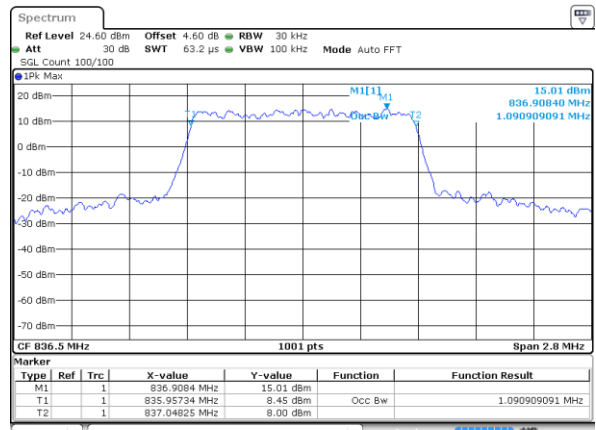
Lowest Channel / 1.4MHz / 16QAM



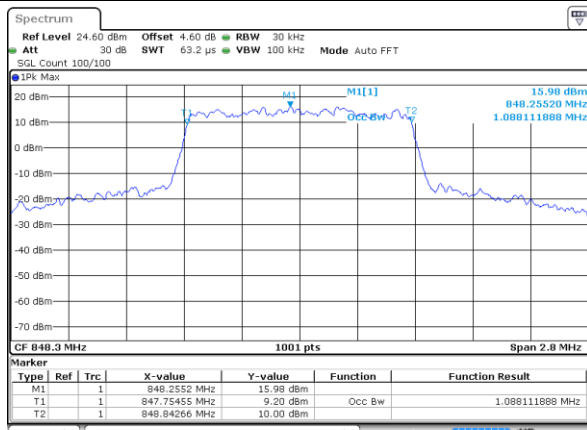
Middle Channel / 1.4MHz / QPSK



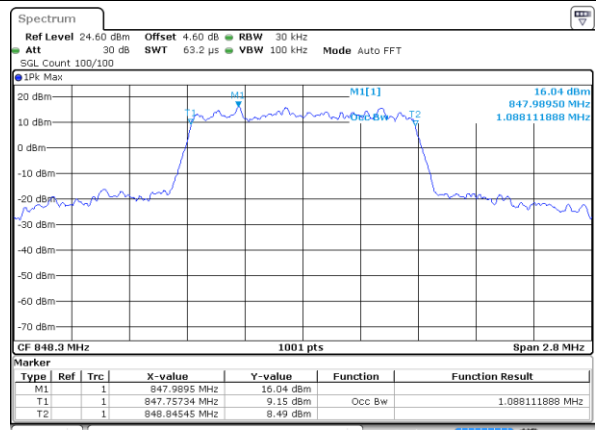
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



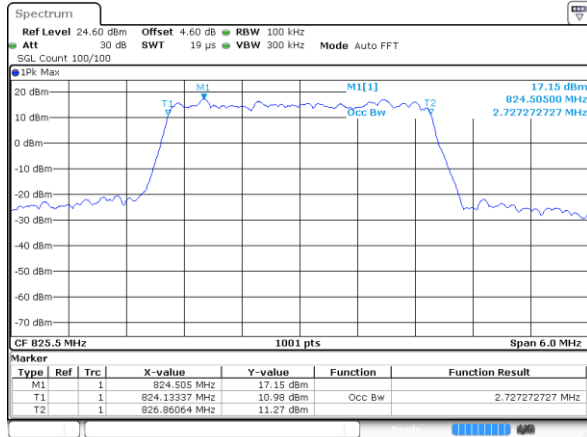
Highest Channel / 1.4MHz / 16QAM



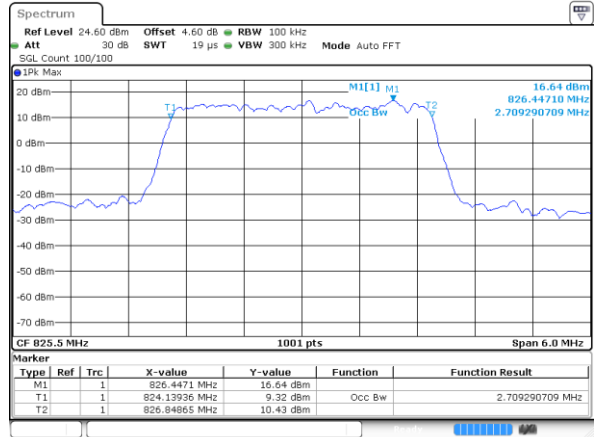


LTE Band 26

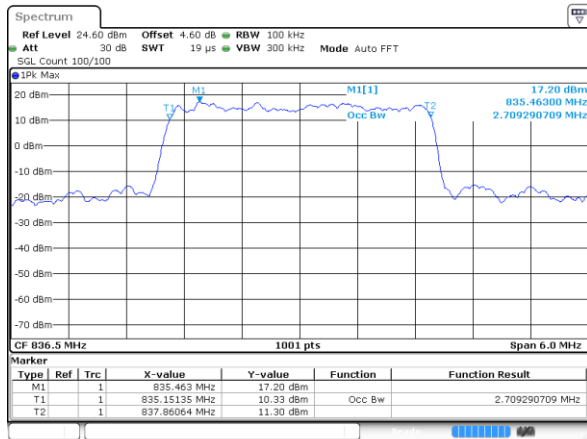
Lowest Channel / 3MHz / QPSK



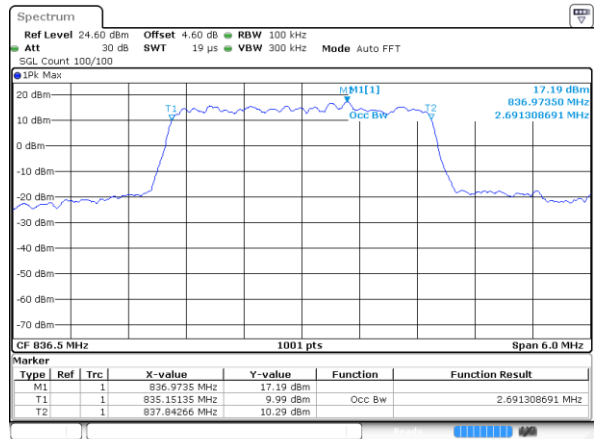
Lowest Channel / 3MHz / 16QAM



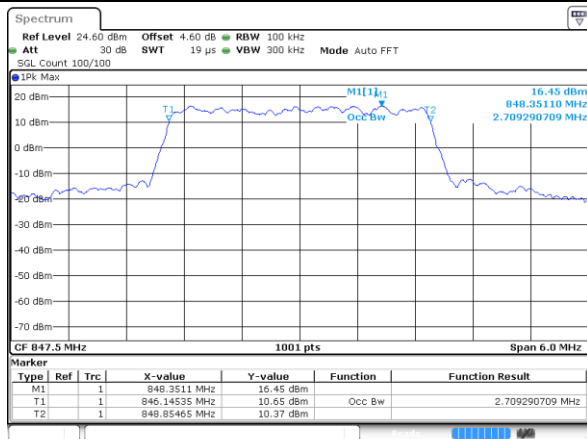
Middle Channel / 3MHz / QPSK



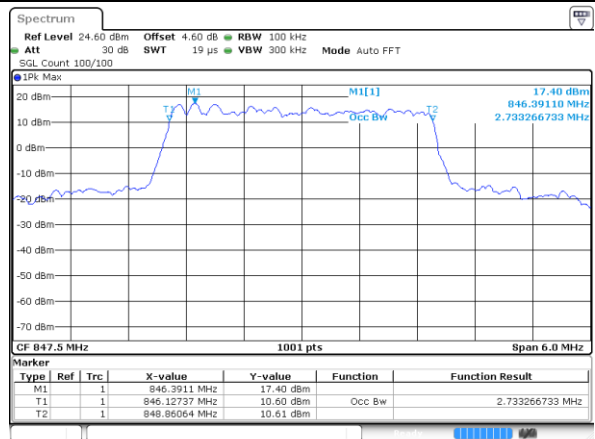
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



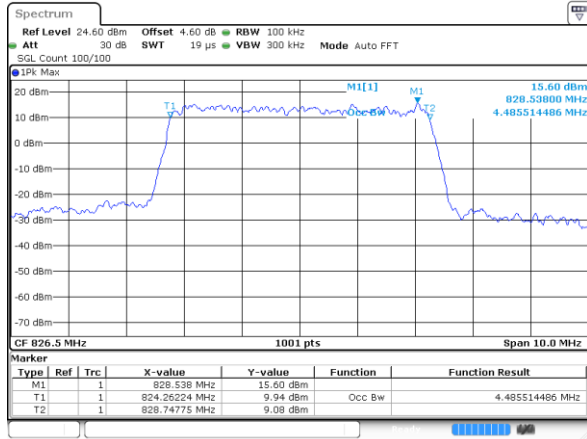
Highest Channel / 3MHz / 16QAM





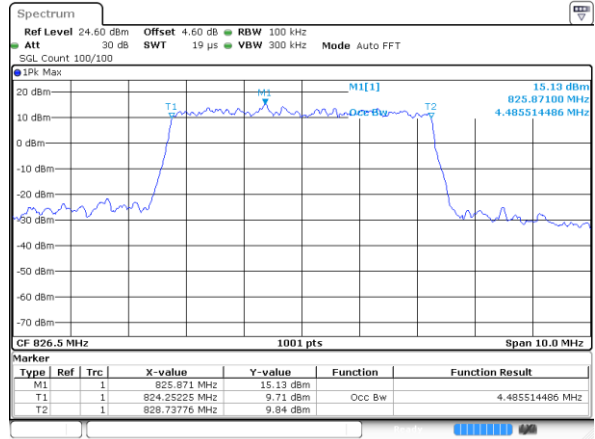
LTE Band 26

Lowest Channel / 5MHz / QPSK



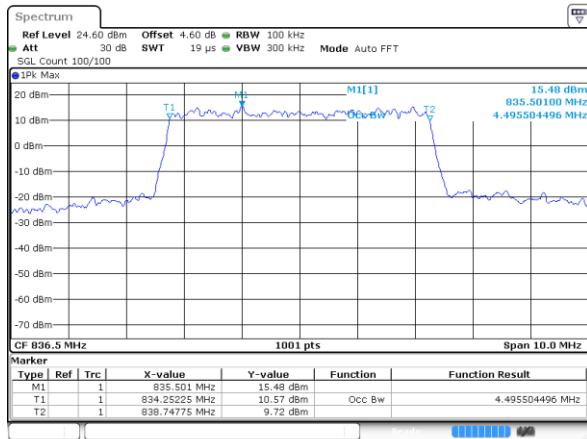
Date: 11 JAN 2020 19:40:02

Lowest Channel / 5MHz / 16QAM



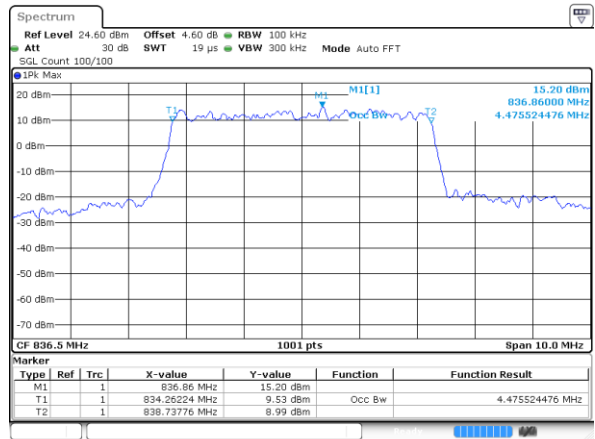
Date: 11 JAN 2020 19:40:22

Middle Channel / 5MHz / QPSK



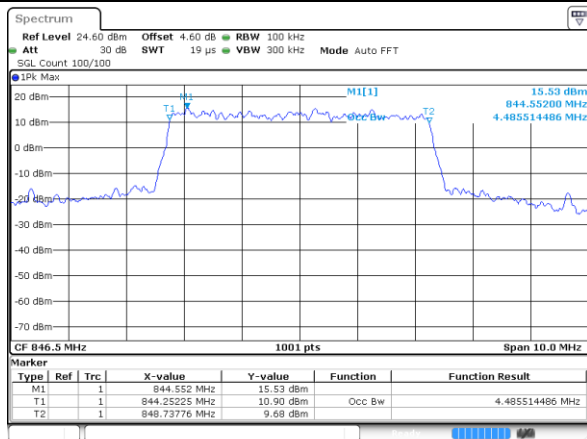
Date: 11 JAN 2020 19:41:43

Middle Channel / 5MHz / 16QAM



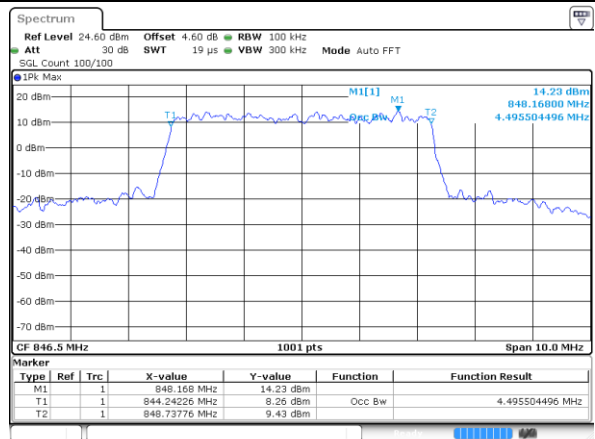
Date: 11 JAN 2020 19:41:23

Highest Channel / 5MHz / QPSK



Date: 11 JAN 2020 19:42:03

Highest Channel / 5MHz / 16QAM

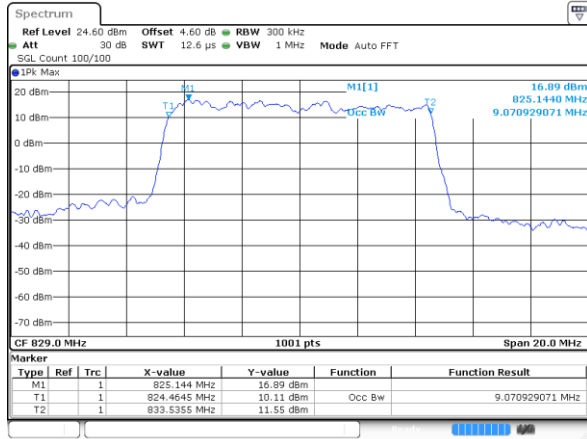


Date: 11 JAN 2020 19:42:23

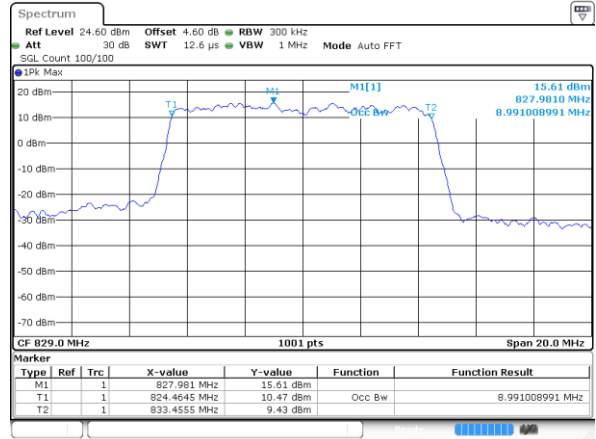


LTE Band 26

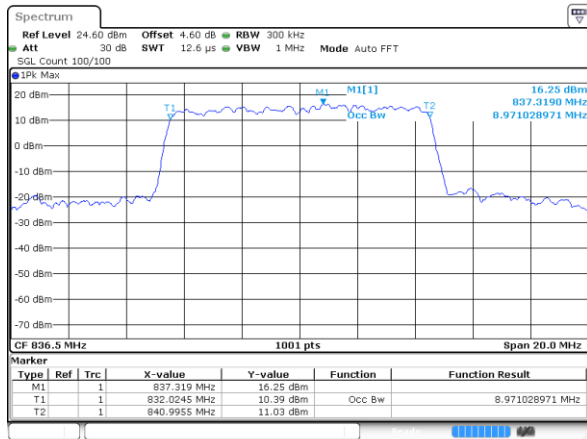
Lowest Channel / 10MHz / QPSK



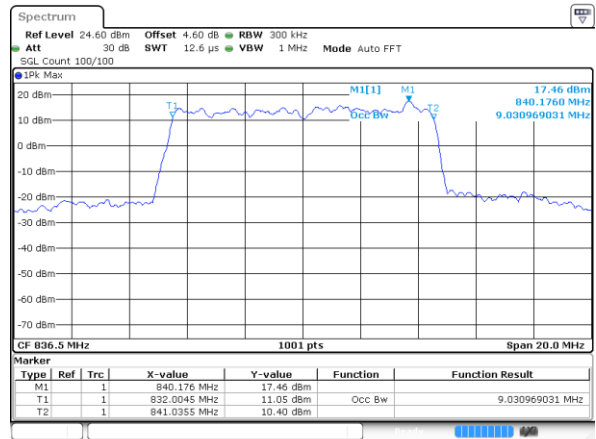
Lowest Channel / 10MHz / 16QAM



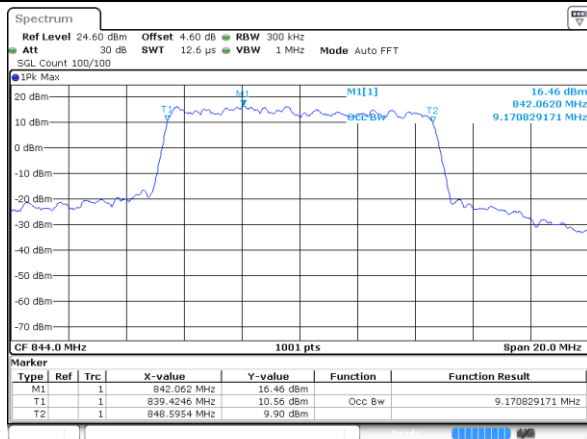
Middle Channel / 10MHz / QPSK



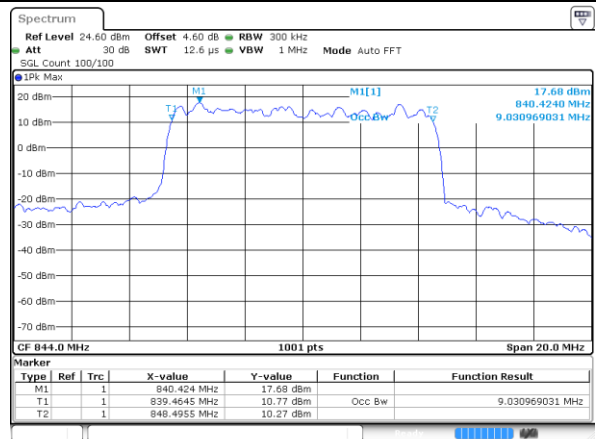
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



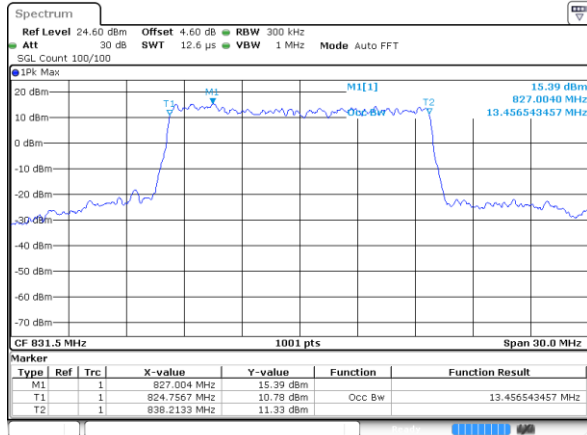
Highest Channel / 10MHz / 16QAM



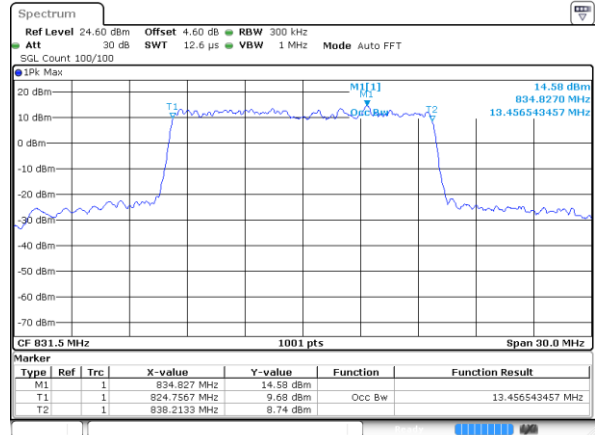


LTE Band 26

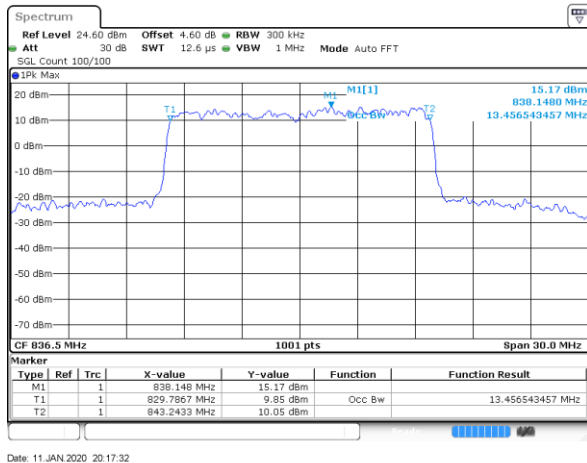
Lowest Channel / 15MHz / QPSK



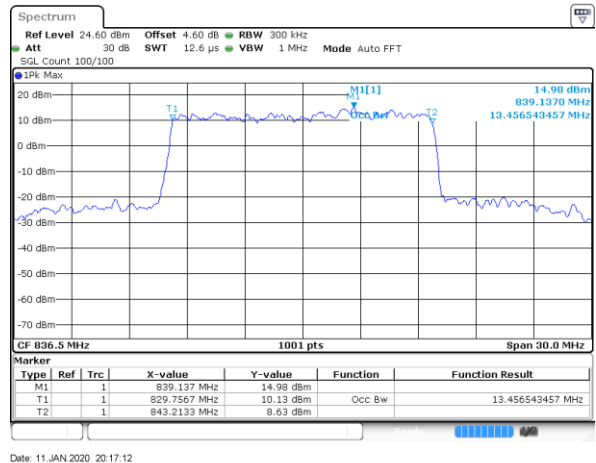
Lowest Channel / 15MHz / 16QAM



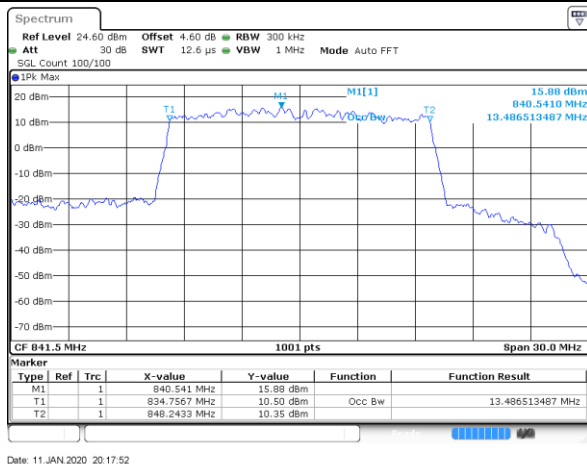
Middle Channel / 15MHz / QPSK



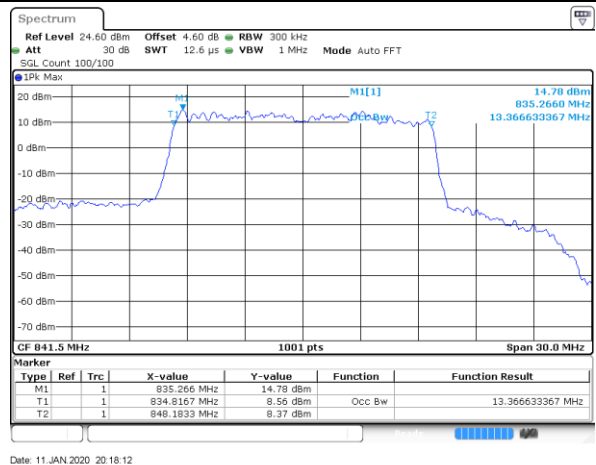
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



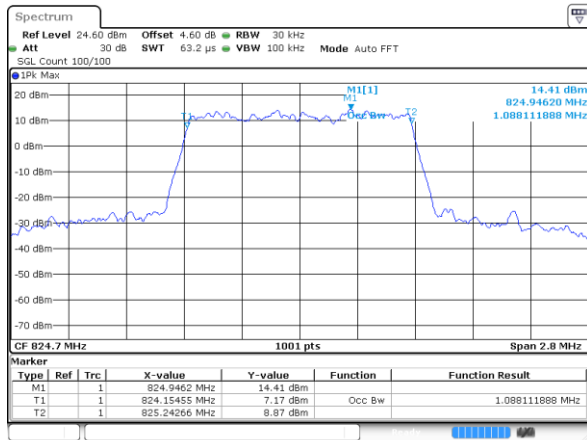
Highest Channel / 15MHz / 16QAM



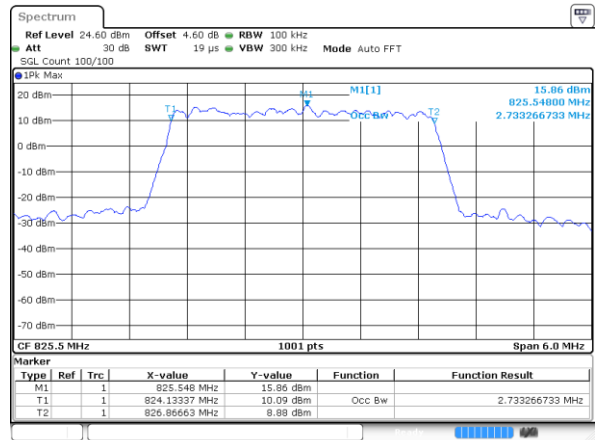


LTE Band 26

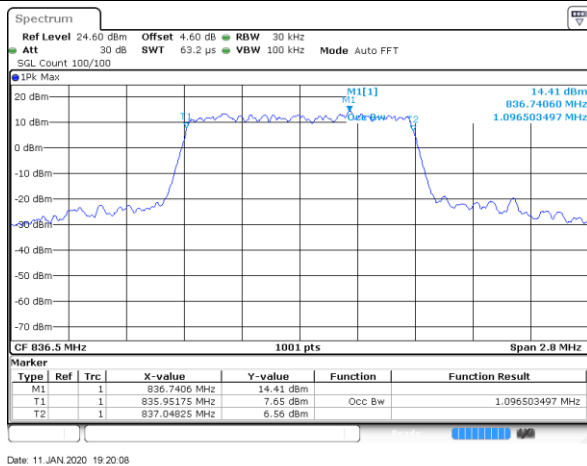
Lowest Channel / 1.4MHz / 64QAM



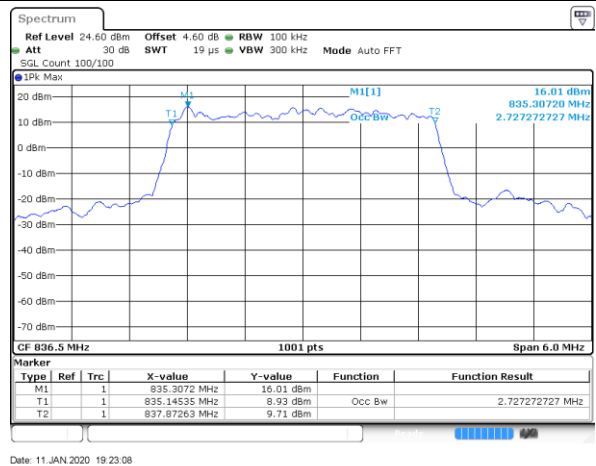
Lowest Channel / 3MHz / 64QAM



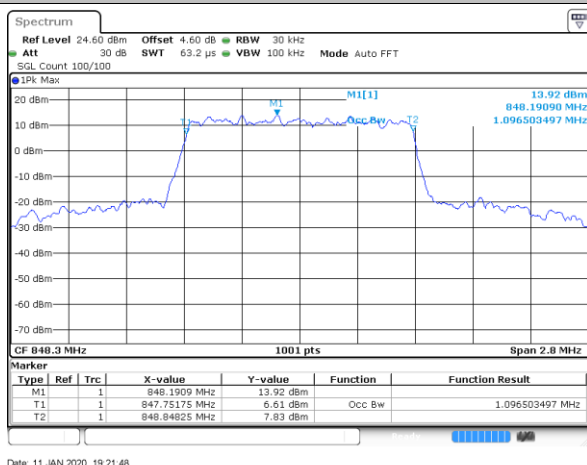
Middle Channel / 1.4MHz / 64QAM



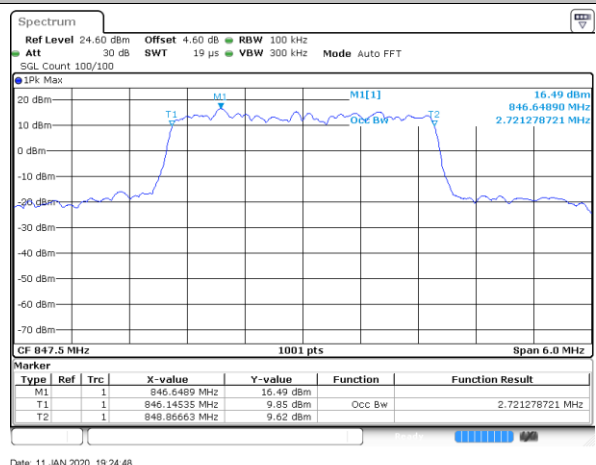
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



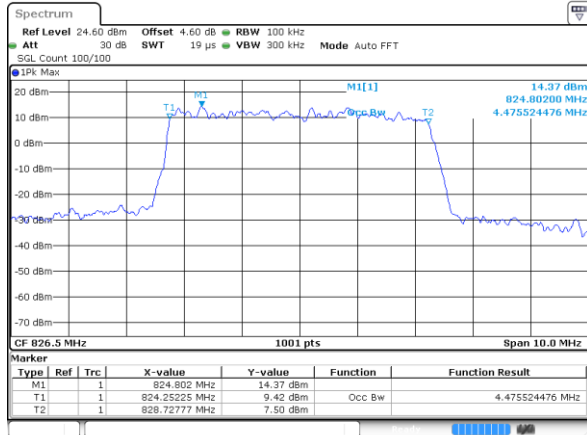
Highest Channel / 3MHz / 64QAM



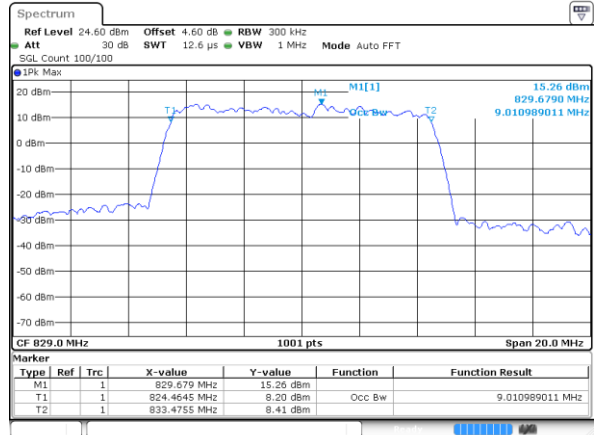


LTE Band 26

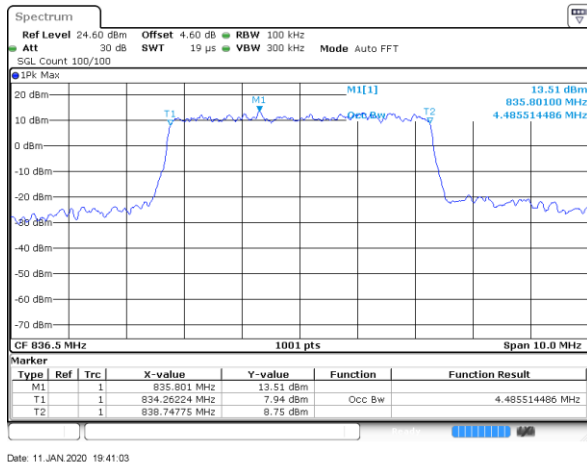
Lowest Channel / 5MHz / 64QAM



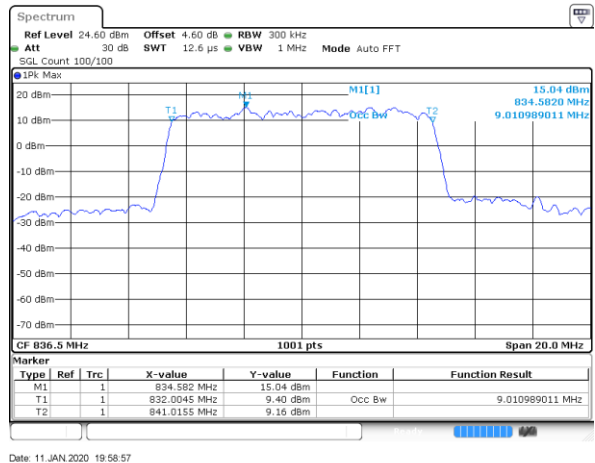
Lowest Channel / 10MHz / 64QAM



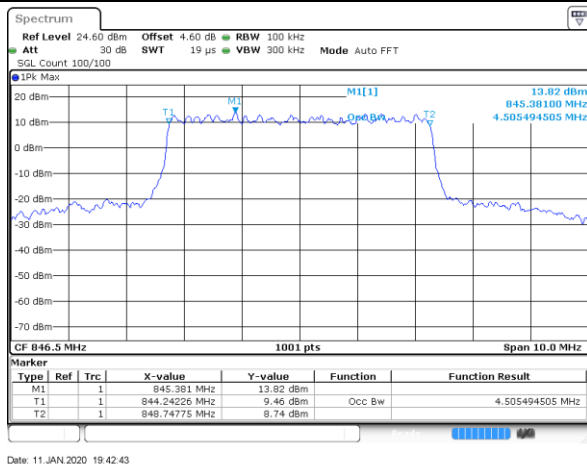
Middle Channel / 5MHz / 64QAM



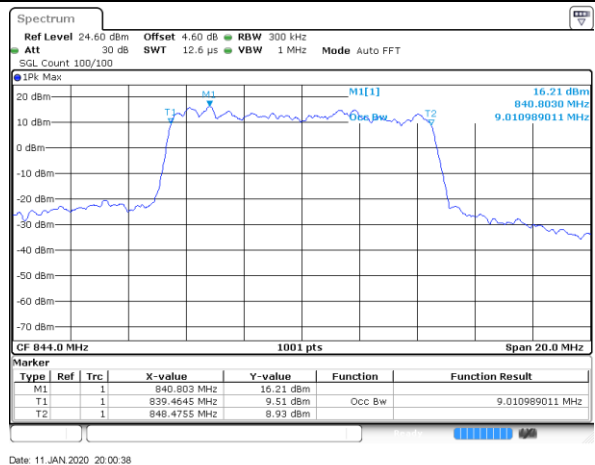
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

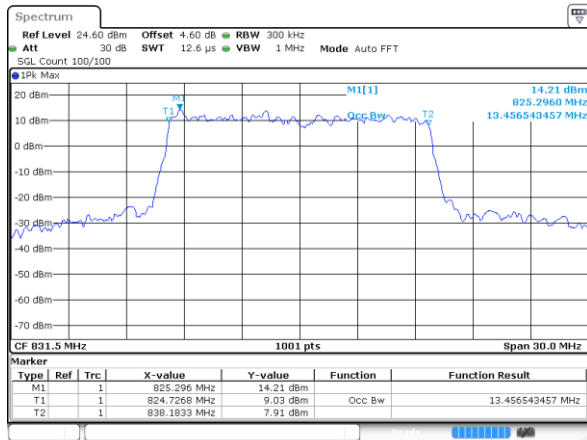


Highest Channel / 10MHz / 64QAM



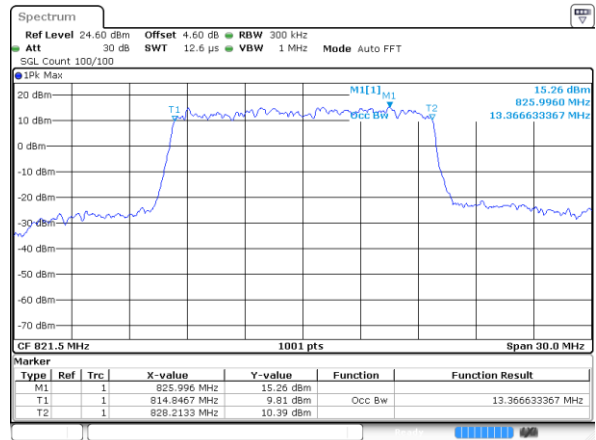


Lowest Channel / 15MHz / 64QAM



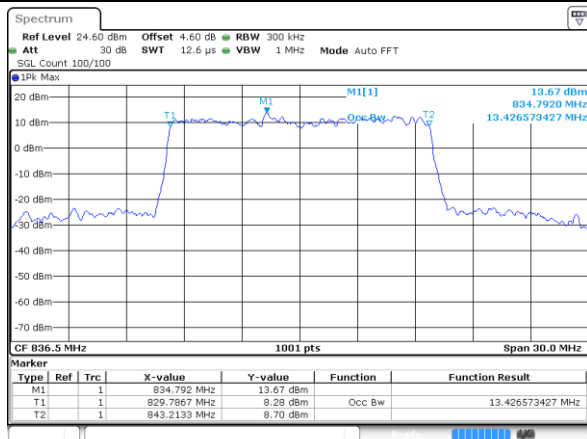
Date: 11 JAN 2020 20:16:32

Channel 26765 / 15MHz / QPSK



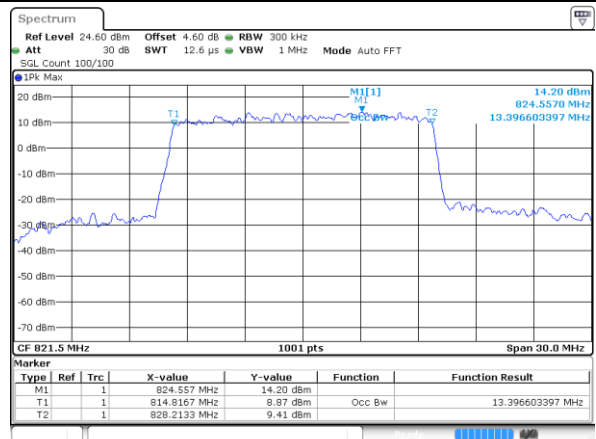
Date: 12 JAN 2020 12:44:38

Middle Channel / 15MHz / 64QAM



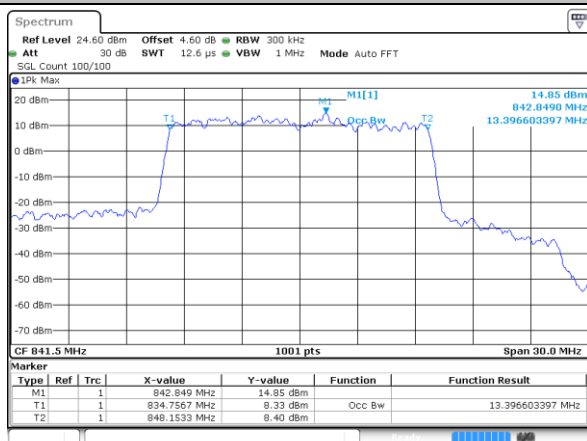
Date: 11 JAN 2020 20:16:52

Channel 26765 / 15MHz / 16QAM



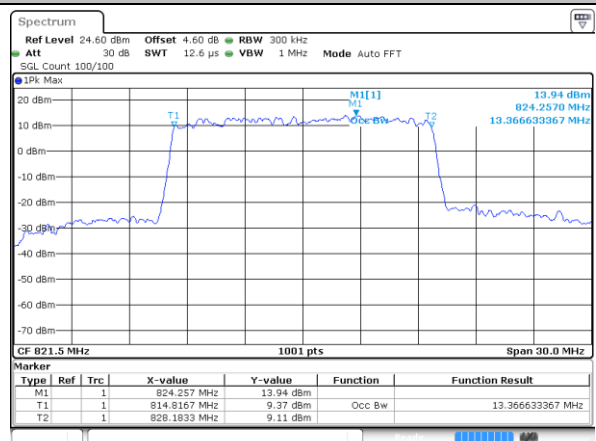
Date: 12 JAN 2020 12:44:28

Highest Channel / 15MHz / 64QAM



Date: 11 JAN 2020 20:18:32

Channel 26765 / 15MHz / 64QAM



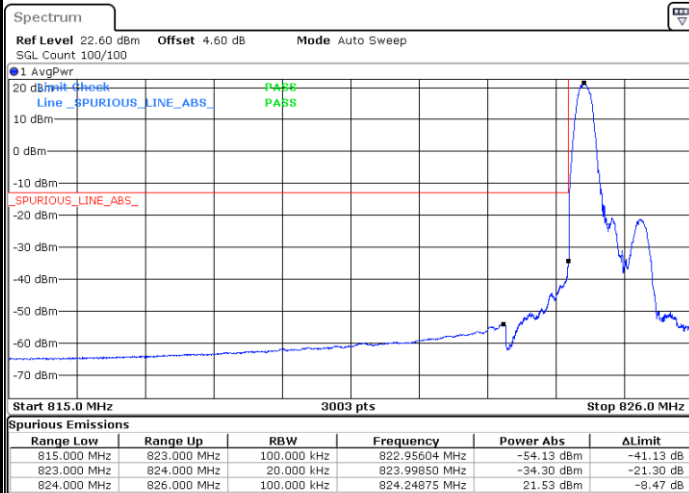
Date: 12 JAN 2020 12:44:48



Conducted Band Edge

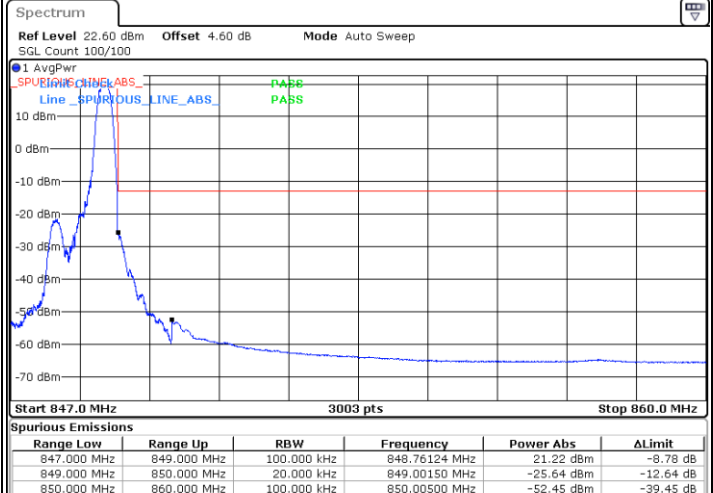
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



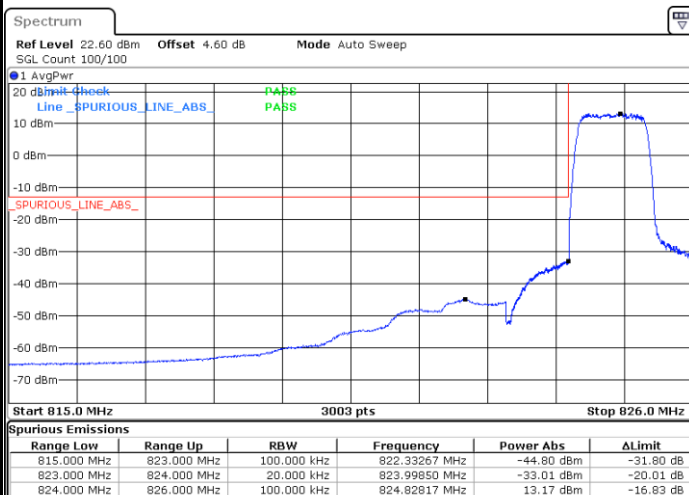
Date: 12 JAN 2020 09:05:34

Highest Band Edge / 1RB



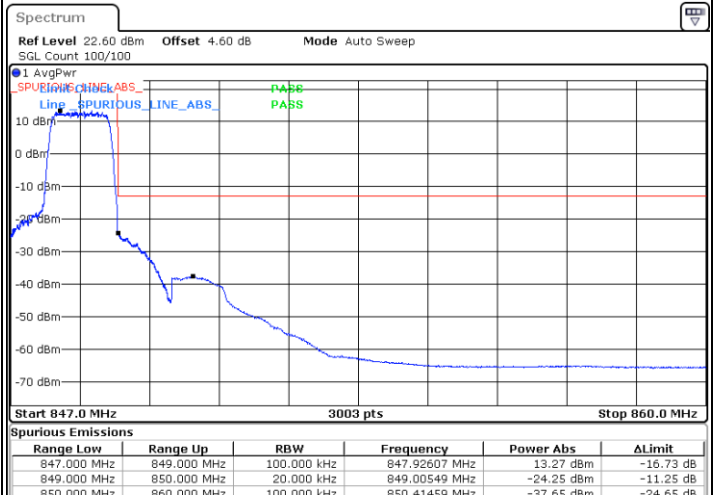
Date: 12 JAN 2020 09:45:46

Lowest Band Edge / Full RB



Date: 12 JAN 2020 09:18:59

Highest Band Edge / Full RB



Date: 12 JAN 2020 09:21:20