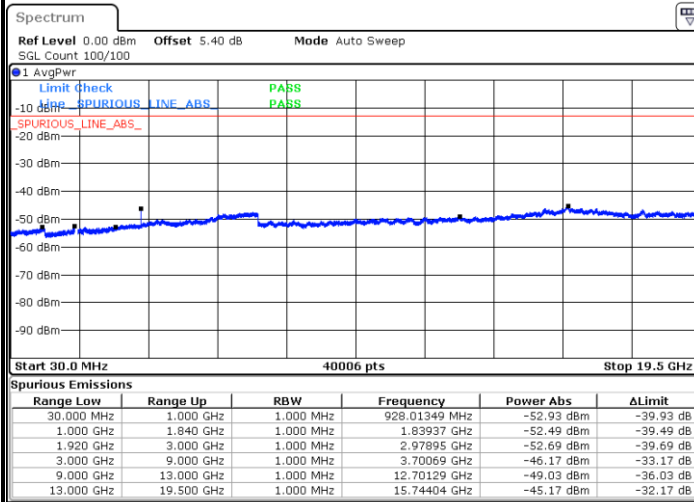




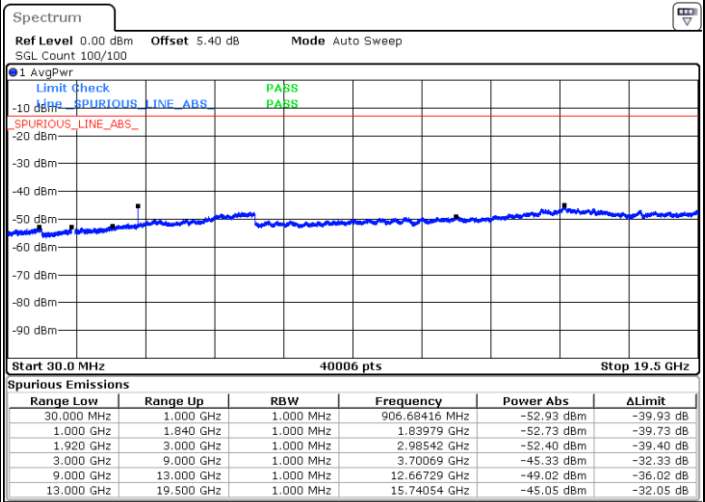
LTE Band 25 / 5MHz

Lowest Channel / QPSK



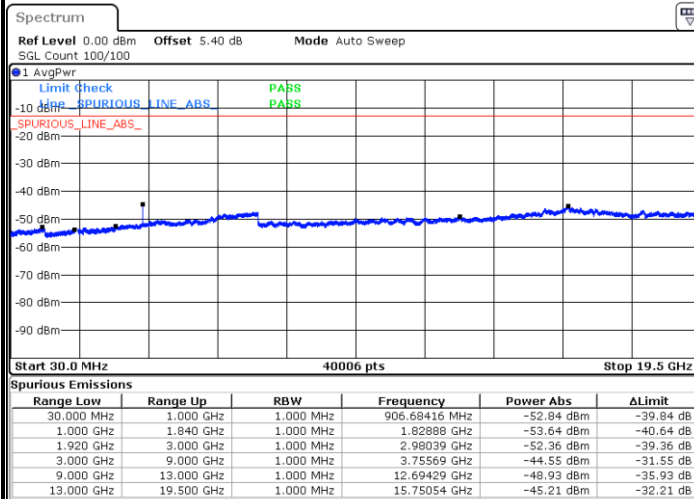
Date: 9.OCT.2019 22:47:11

Lowest Channel / 16QAM



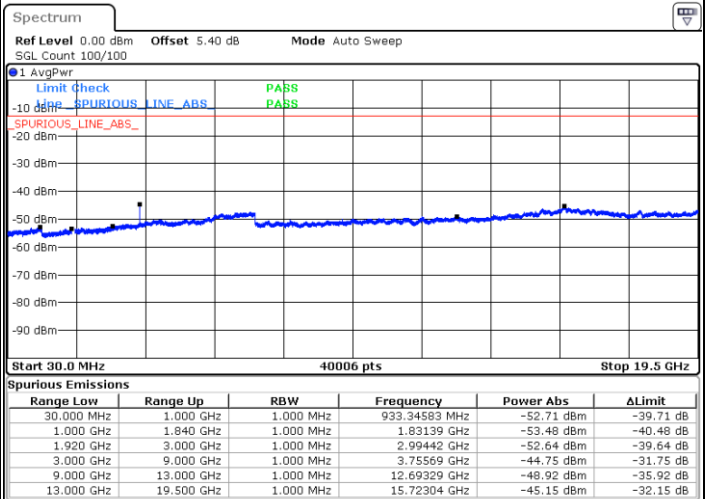
Date: 9.OCT.2019 22:46:16

Middle Channel / QPSK



Date: 9.OCT.2019 22:48:06

Middle Channel / 16QAM

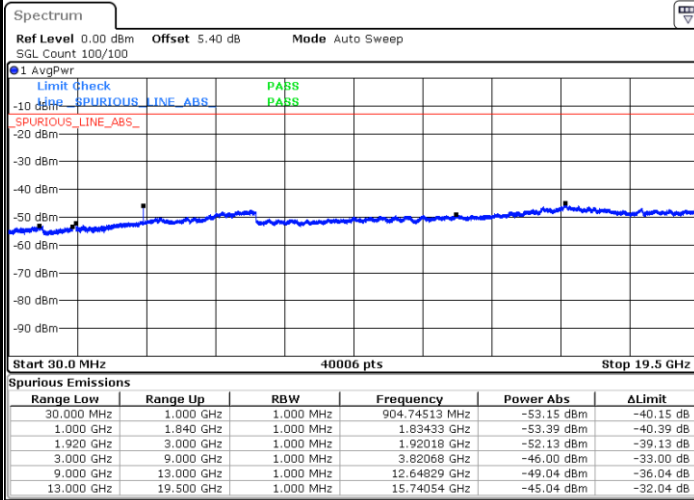


Date: 9.OCT.2019 22:49:00



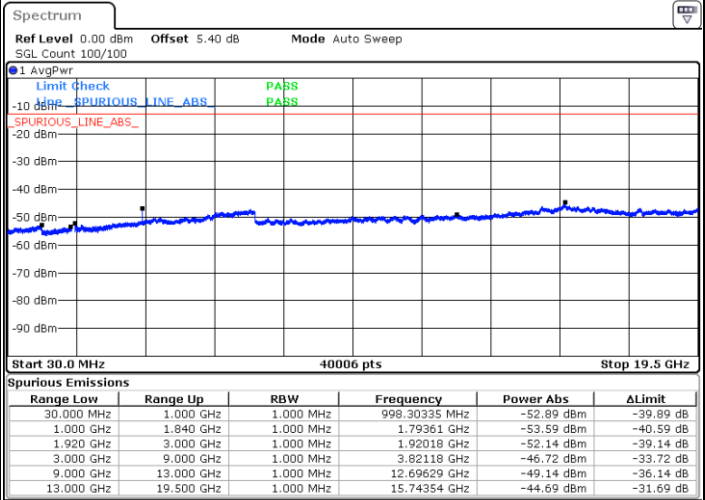
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 9.OCT.2019 23:01:26

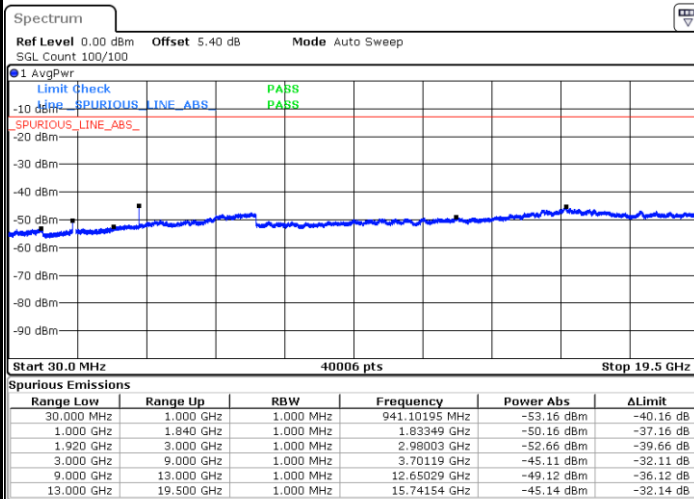
Highest Channel / 16QAM



Date: 9.OCT.2019 23:00:31

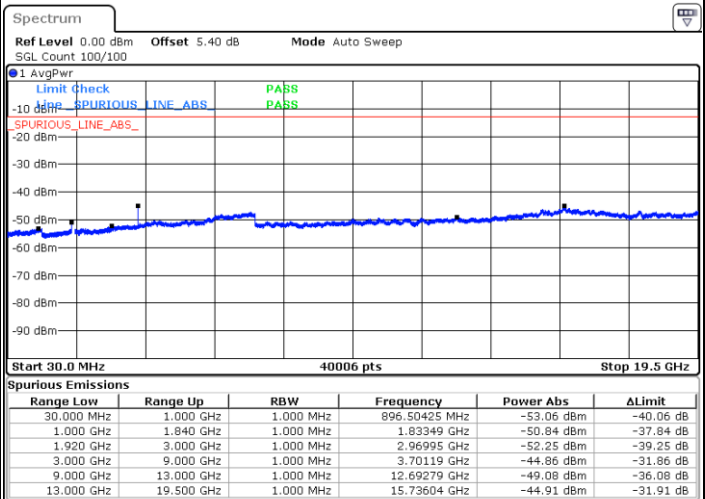
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 9.OCT.2019 23:11:56

Lowest Channel / 16QAM

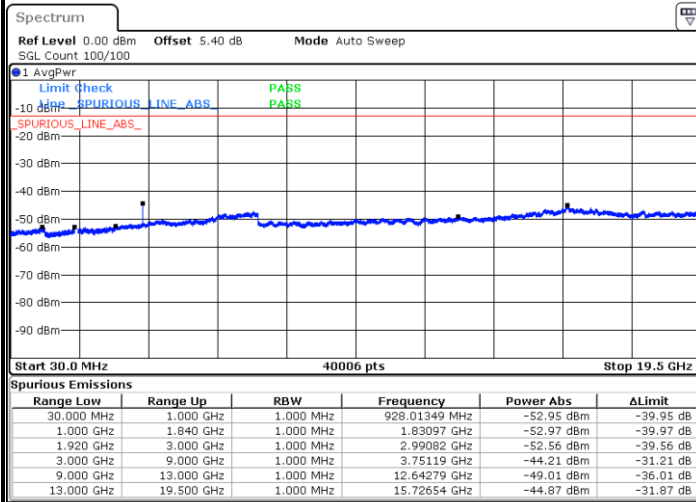


Date: 9.OCT.2019 23:11:01



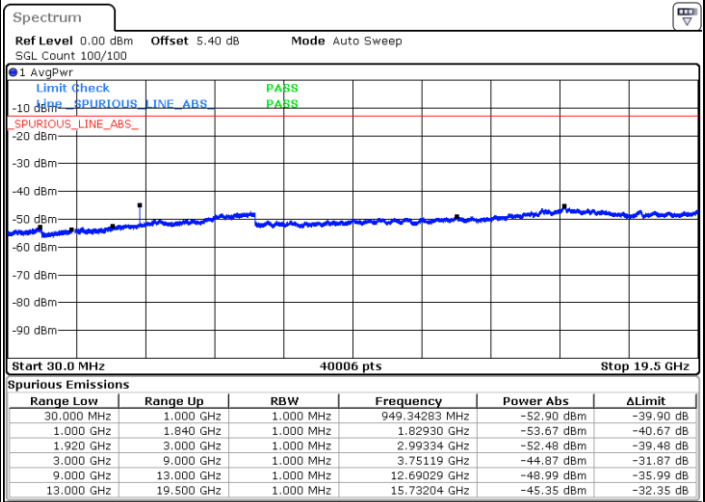
LTE Band 25 / 10MHz

Middle Channel / QPSK



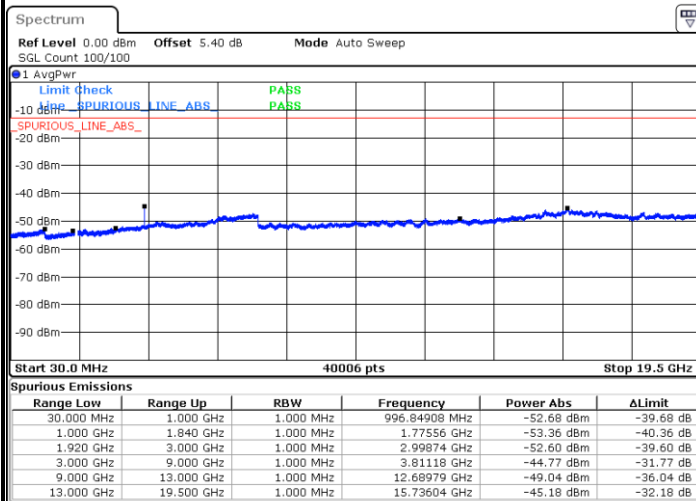
Date: 9.OCT.2019 23:12:51

Middle Channel / 16QAM



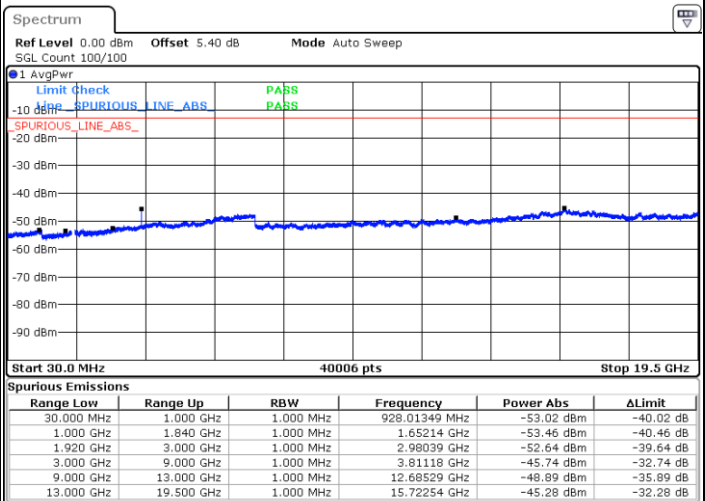
Date: 9.OCT.2019 23:13:46

Highest Channel / QPSK



Date: 9.OCT.2019 23:26:12

Highest Channel / 16QAM

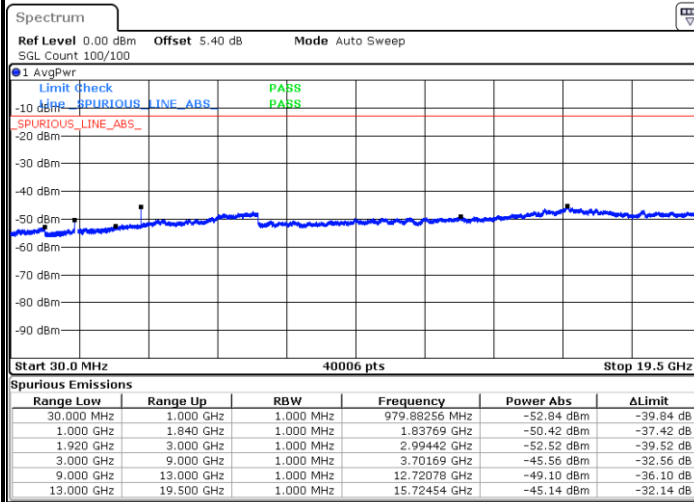


Date: 9.OCT.2019 23:25:17



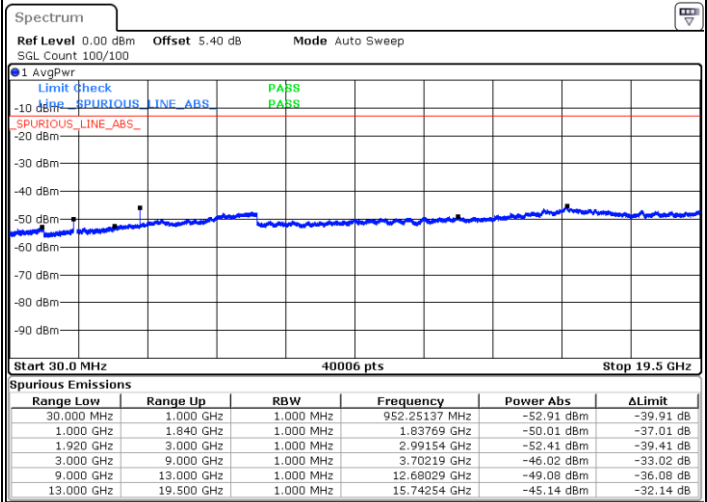
LTE Band 25 / 15MHz

Lowest Channel / QPSK



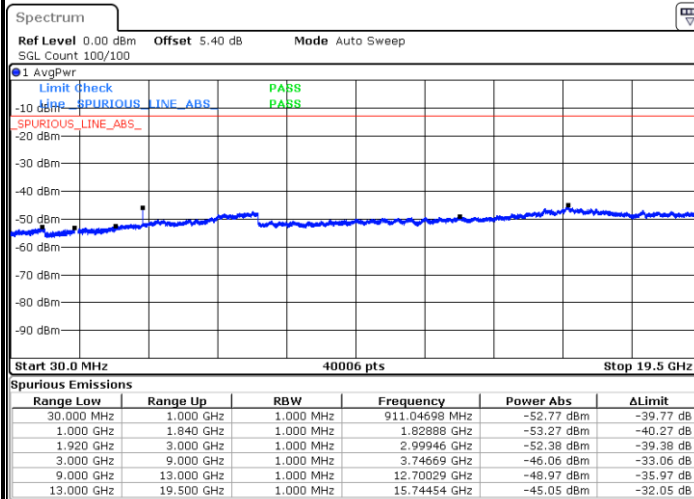
Date: 9 OCT.2019 23:36:42

Lowest Channel / 16QAM



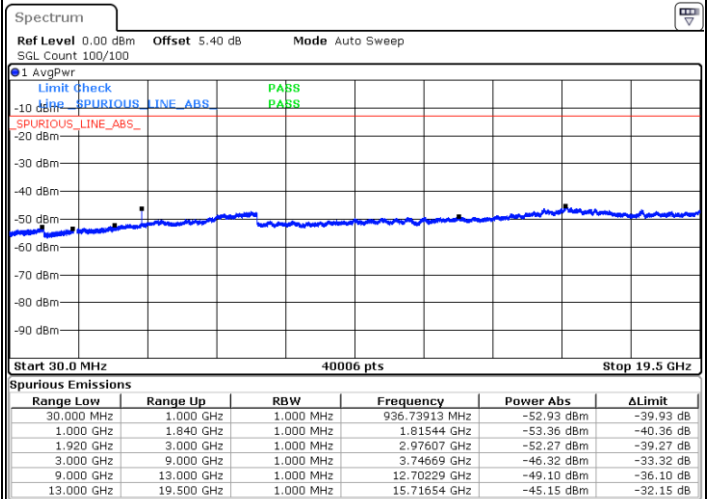
Date: 9 OCT.2019 23:35:47

Middle Channel / QPSK



Date: 9 OCT.2019 23:37:37

Middle Channel / 16QAM

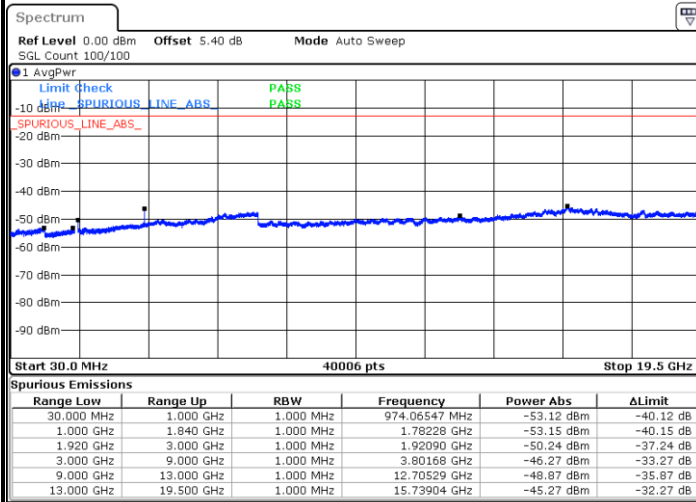


Date: 9 OCT.2019 23:38:32



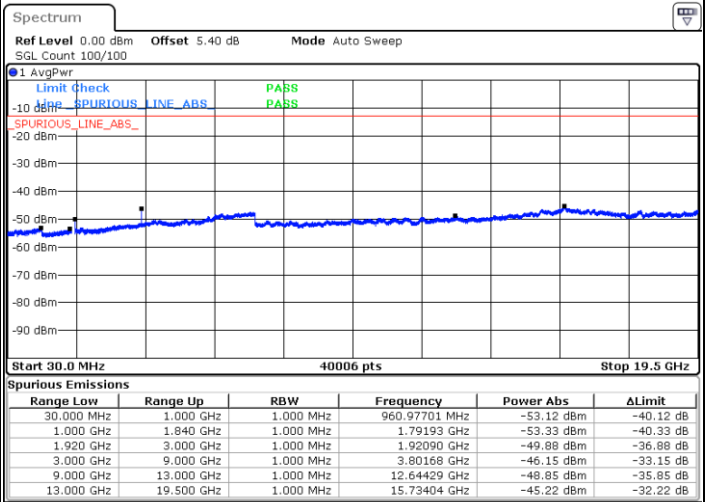
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 9 OCT.2019 23:50:58

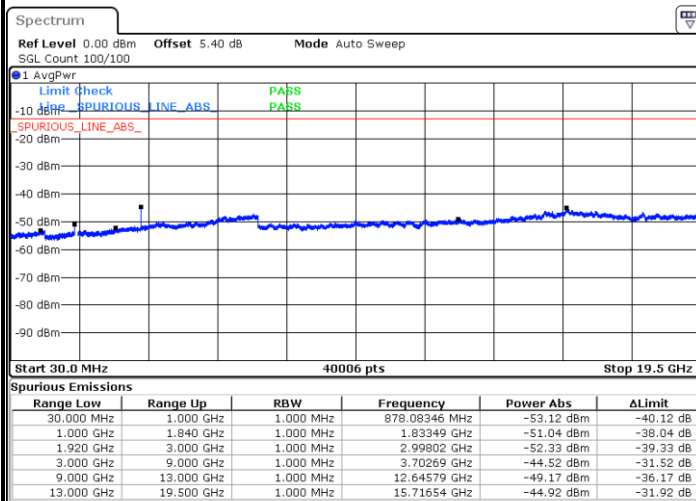
Highest Channel / 16QAM



Date: 9 OCT.2019 23:50:04

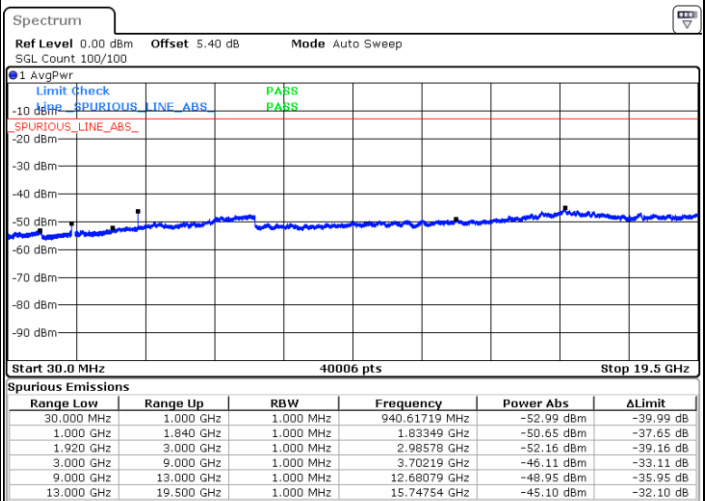
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 10 OCT.2019 00:01:28

Lowest Channel / 16QAM

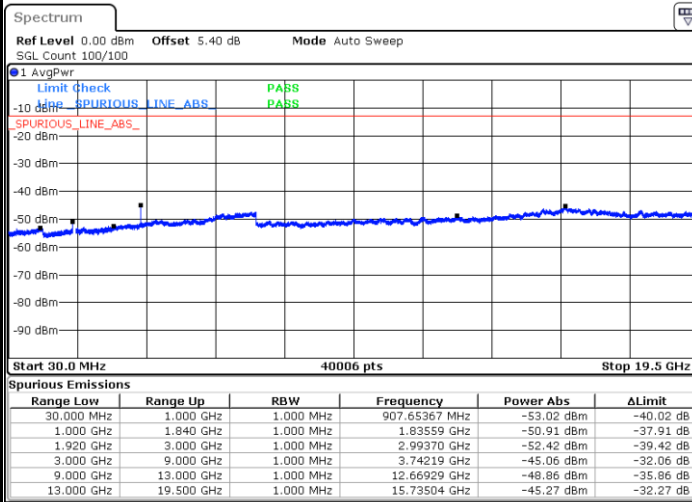


Date: 10 OCT.2019 00:00:34



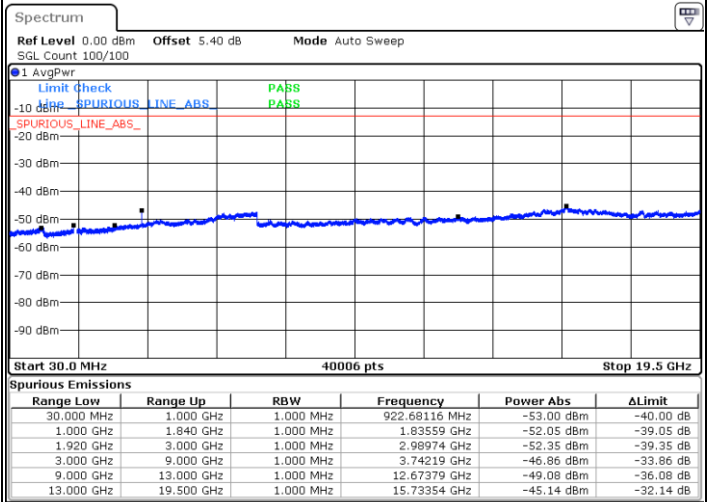
LTE Band 25 / 20MHz

Middle Channel / QPSK



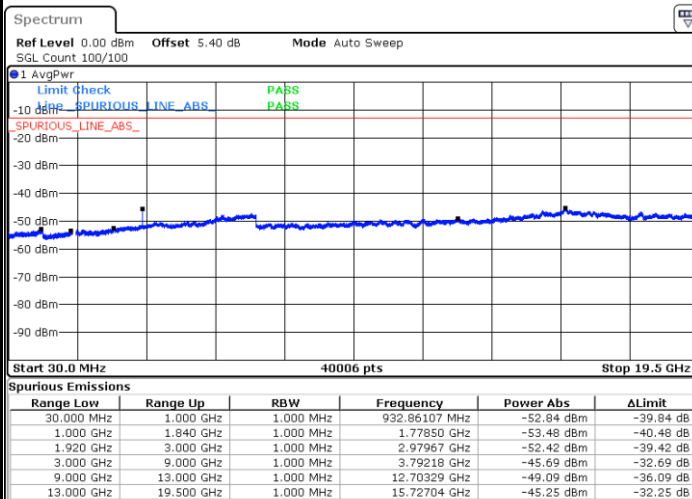
Date: 10.OCT.2019 00:29:06

Middle Channel / 16QAM



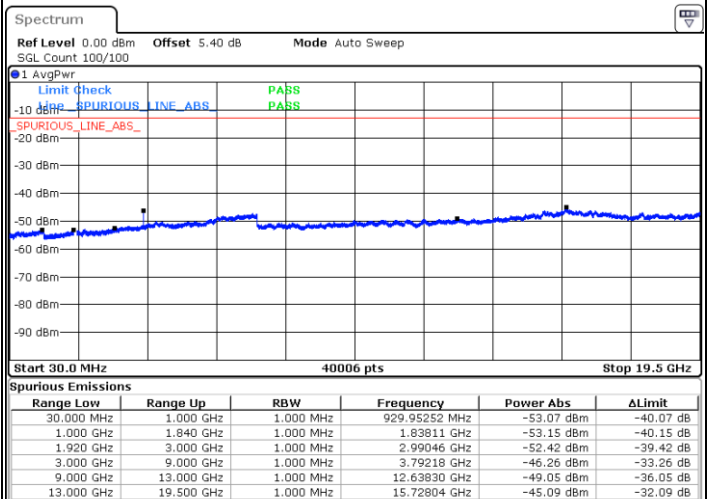
Date: 10.OCT.2019 00:03:18

Highest Channel / QPSK



Date: 10.OCT.2019 00:15:44

Highest Channel / 16QAM

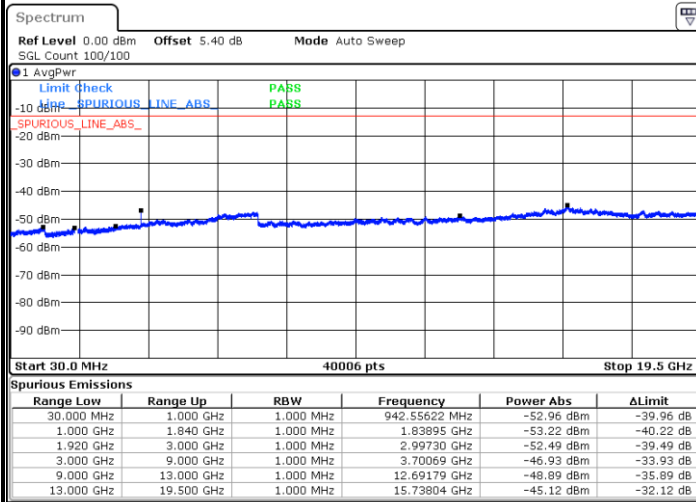


Date: 10.OCT.2019 00:14:49



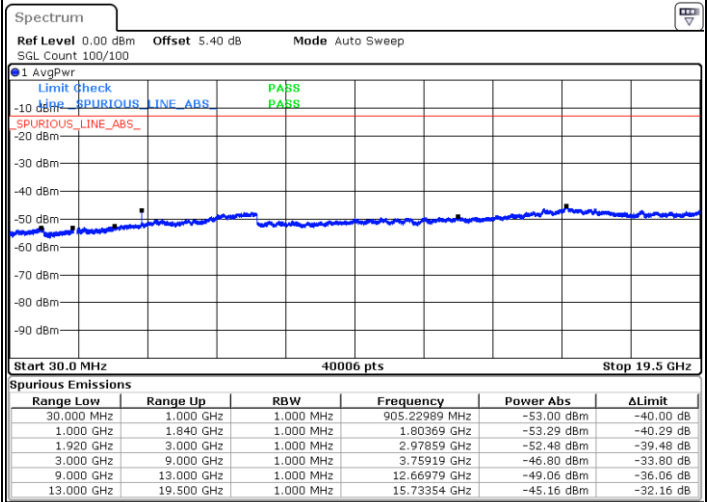
LTE Band 25 / 1.4MHz

Lowest Channel / 64QAM



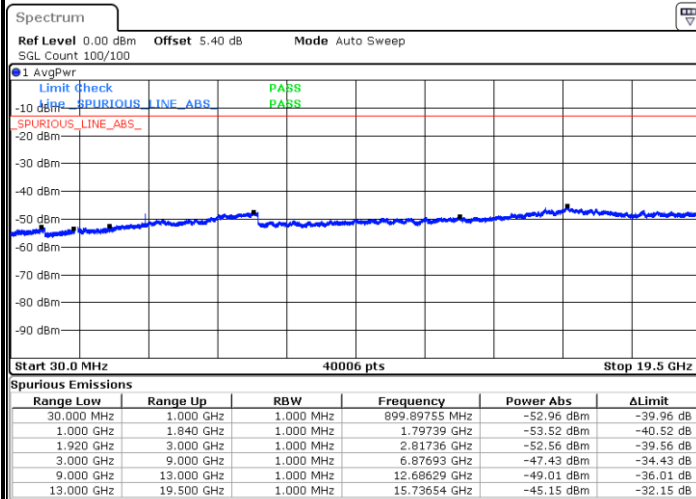
Date: 9.OCT.2019 21:52:54

Middle Channel / 64QAM



Date: 9.OCT.2019 21:55:39

Highest Channel / 64QAM

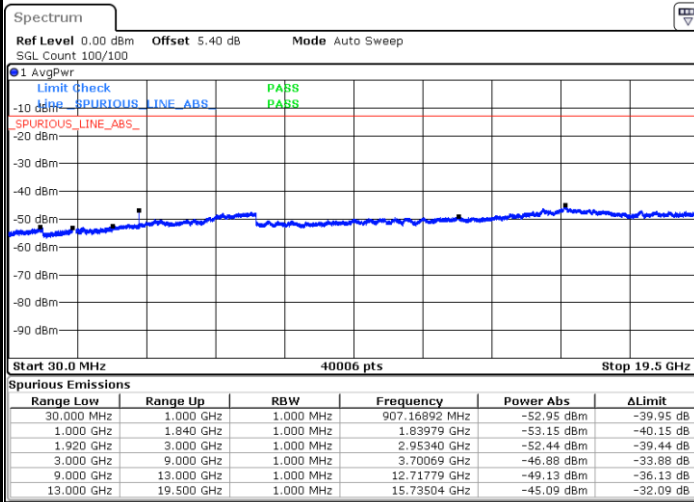


Date: 9.OCT.2019 21:58:23



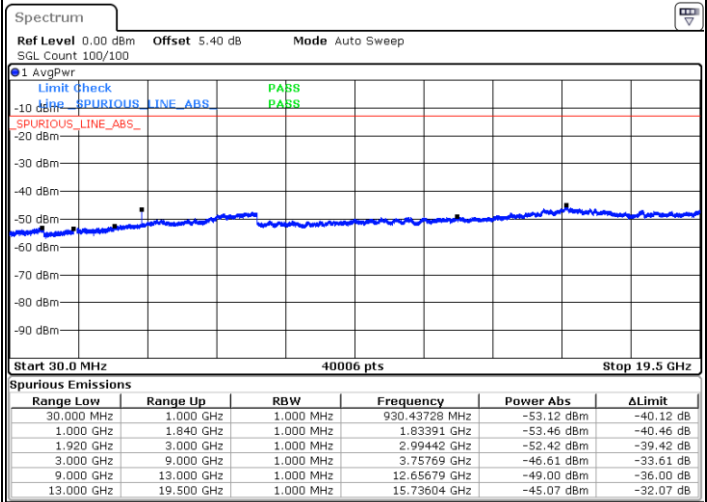
LTE Band 25 / 3MHz

Lowest Channel / 64QAM



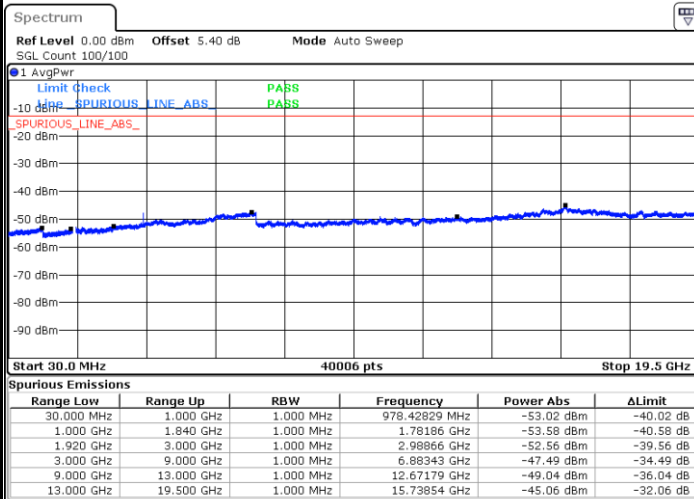
Date: 9.OCT.2019 22:31:11

Middle Channel / 64QAM



Date: 9.OCT.2019 22:33:56

Highest Channel / 64QAM

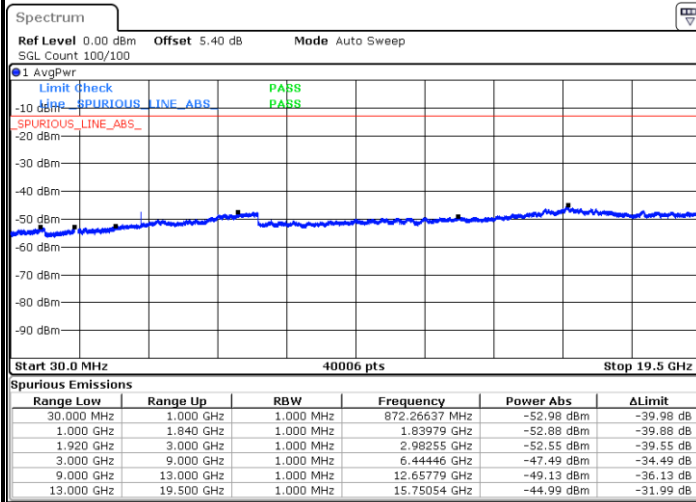


Date: 9.OCT.2019 22:36:40



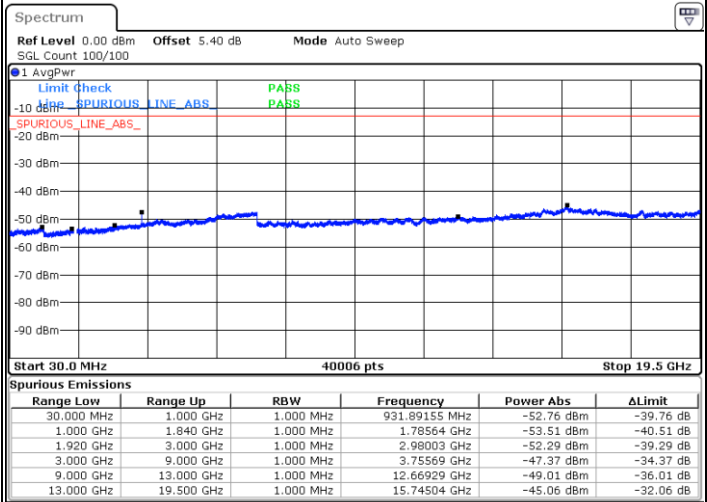
LTE Band 25 / 5MHz

Lowest Channel / 64QAM



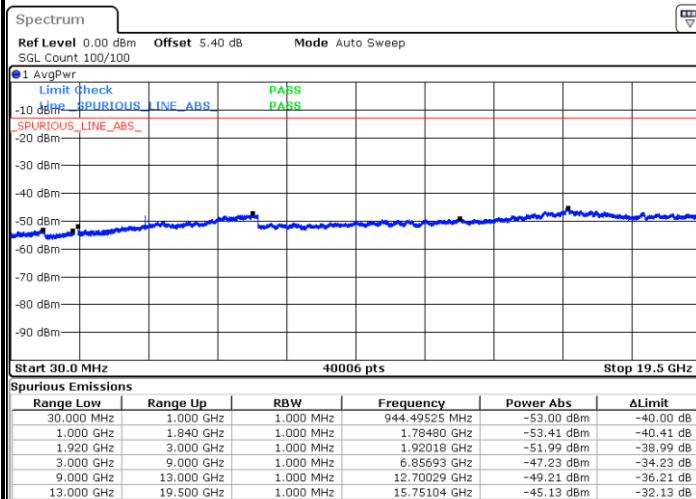
Date: 9.OCT.2019 22:45:21

Middle Channel / 64QAM



Date: 9.OCT.2019 22:49:55

Highest Channel / 64QAM

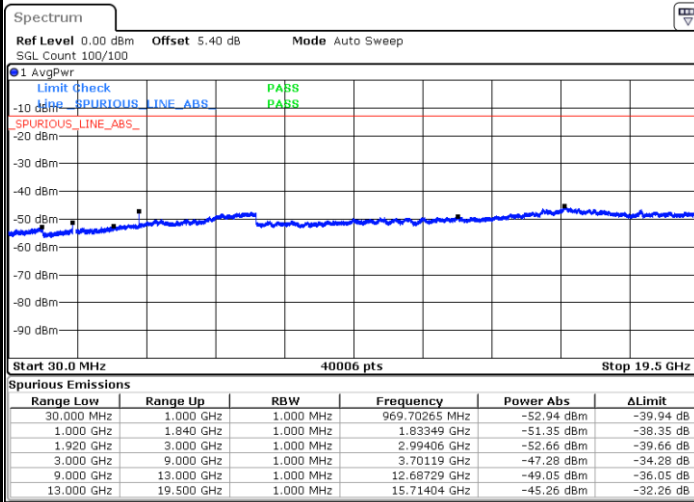


Date: 9.OCT.2019 22:59:36



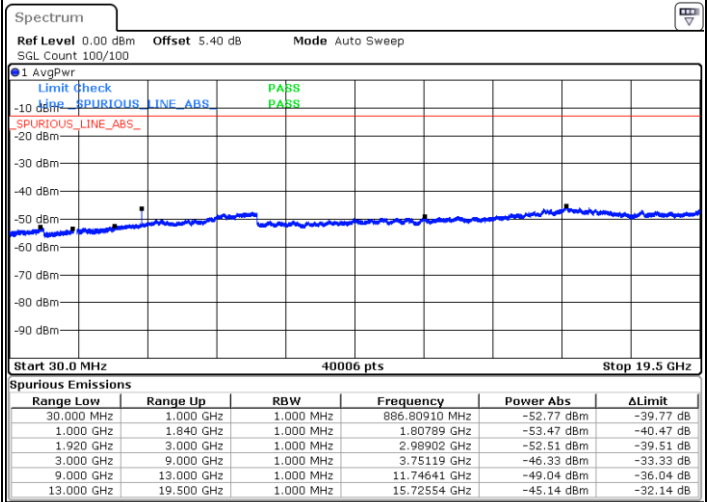
LTE Band 25 / 10MHz

Lowest Channel / 64QAM



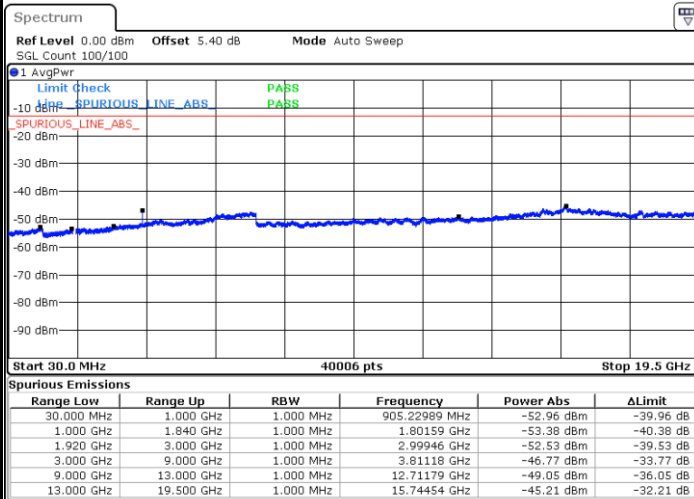
Date: 9.OCT.2019 23:10:06

Middle Channel / 64QAM



Date: 9.OCT.2019 23:14:41

Highest Channel / 64QAM

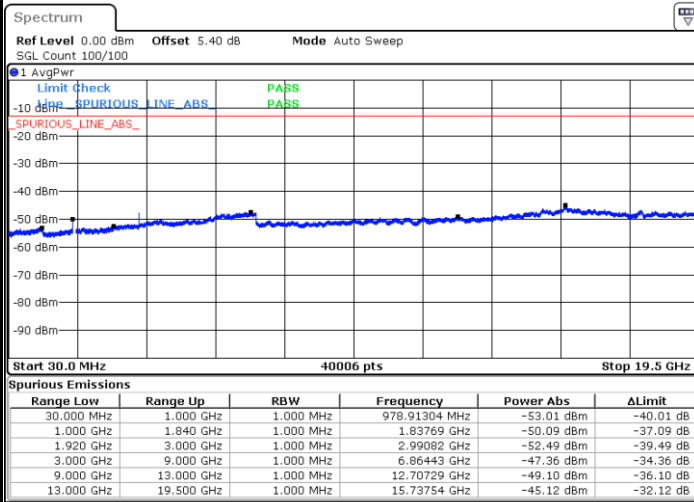


Date: 9.OCT.2019 23:24:22



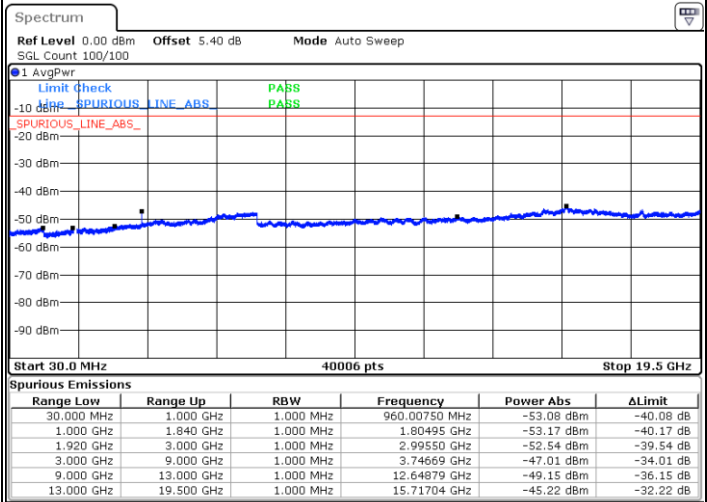
LTE Band 25 / 15MHz

Lowest Channel / 64QAM



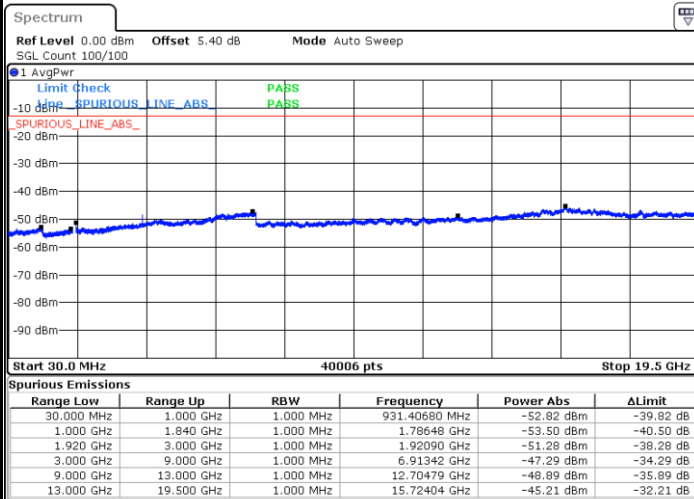
Date: 9.OCT.2019 23:34:52

Middle Channel / 64QAM



Date: 9.OCT.2019 23:39:27

Highest Channel / 64QAM

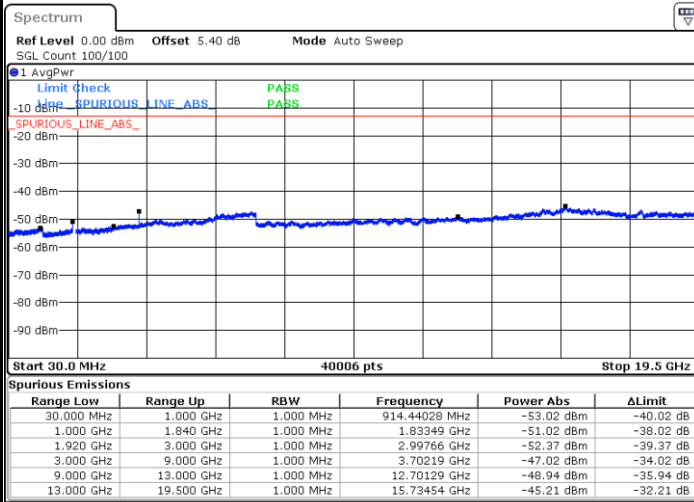


Date: 9.OCT.2019 23:49:09



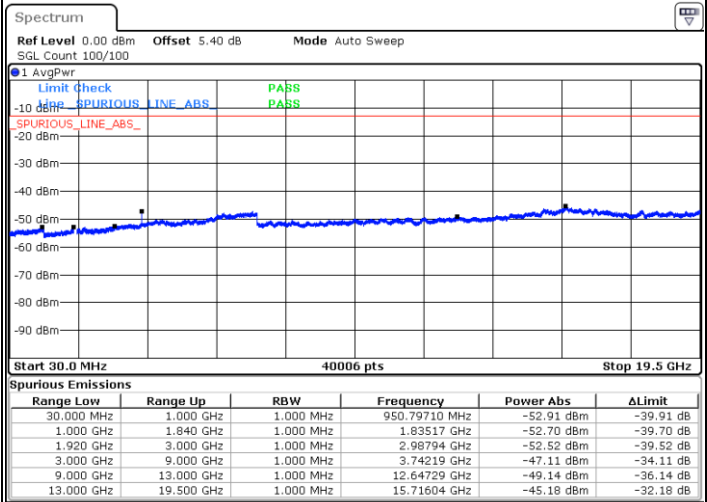
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



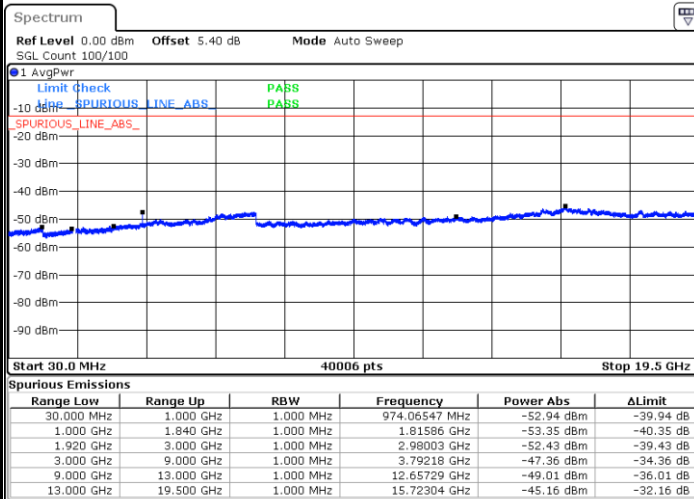
Date: 9 OCT.2019 23:59:39

Middle Channel / 64QAM



Date: 10 OCT.2019 00:04:13

Highest Channel / 64QAM



Date: 10 OCT.2019 00:13:54

**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	0.0020	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0018	
-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 =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

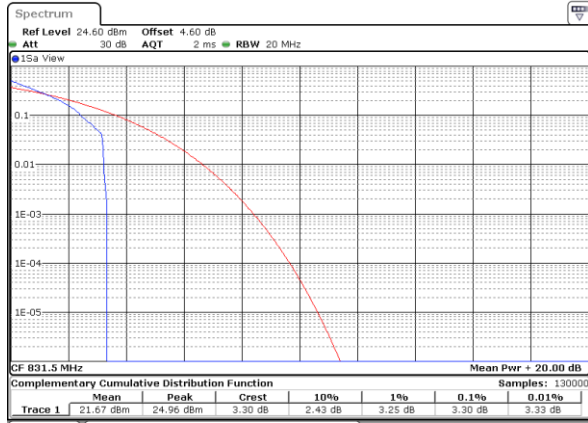
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.30	4.58	5.01	5.77	PASS
Middle CH	3.28	4.52	4.61	5.77	
Highest CH	3.54	4.64	5.36	5.86	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	6.12	6.41	PASS		
Middle CH	5.59	6.43			
Highest CH	6.78	6.49			



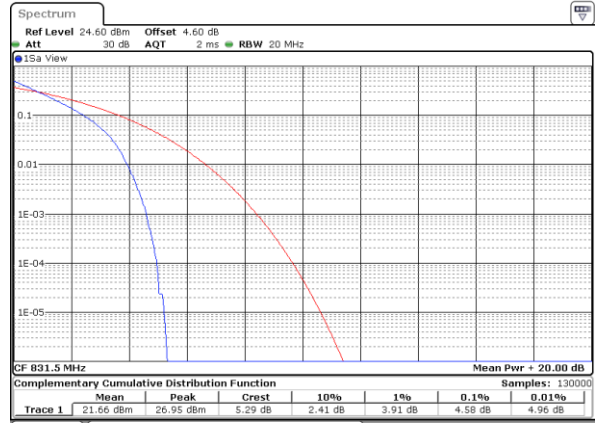
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



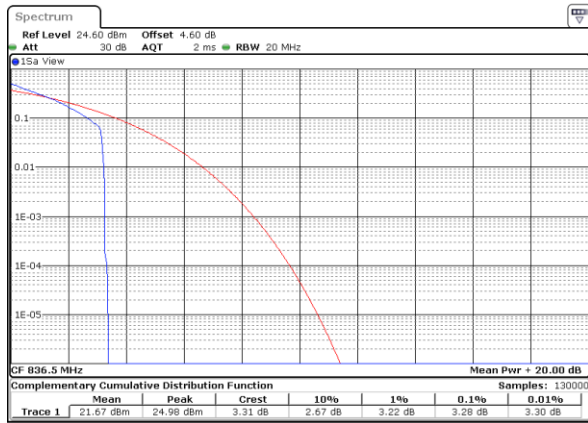
Date: 10.OCT.2019 05:34:23

Lowest Channel / Full RB



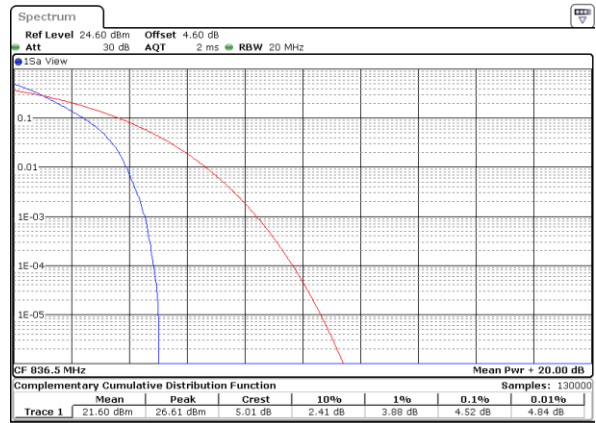
Date: 10.OCT.2019 05:35:53

Middle Channel / 1RB



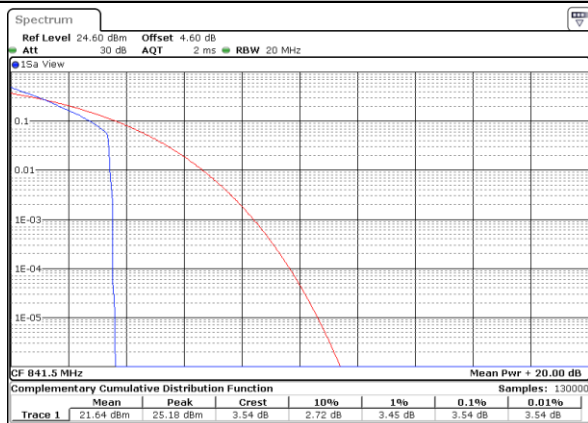
Date: 10.OCT.2019 05:35:14

Middle Channel / Full RB



Date: 10.OCT.2019 05:36:48

Highest Channel / 1RB



Date: 10.OCT.2019 05:35:24

Highest Channel / Full RB

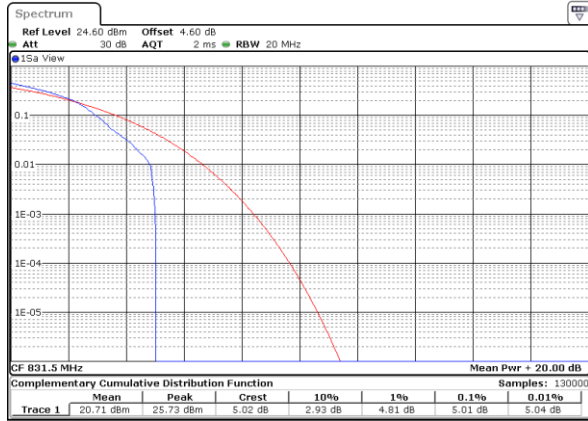


Date: 10.OCT.2019 05:37:00

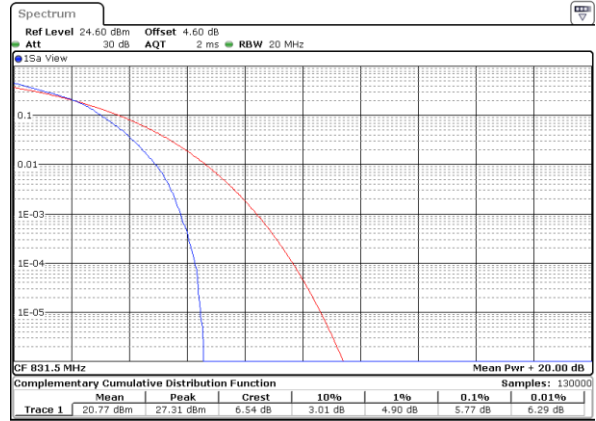


LTE Band 26 / 15MHz / 16QAM

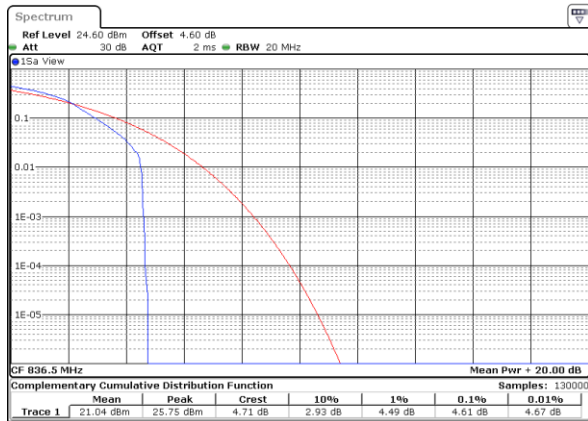
Lowest Channel / 1RB



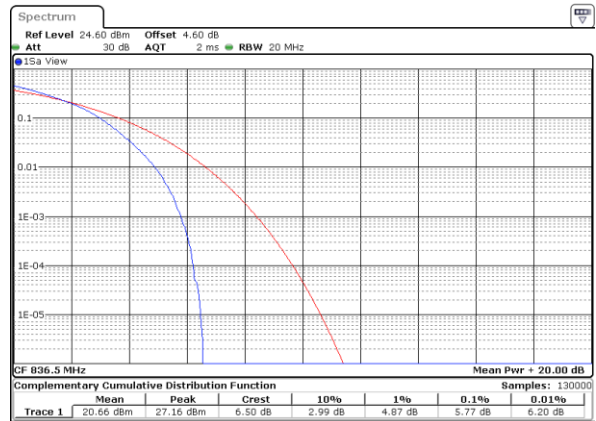
Lowest Channel / Full RB



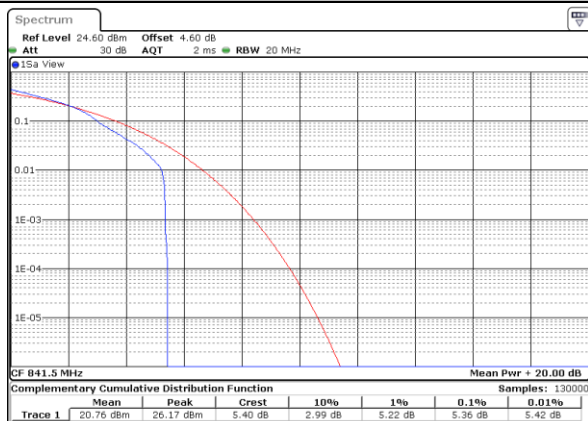
Middle Channel / 1RB



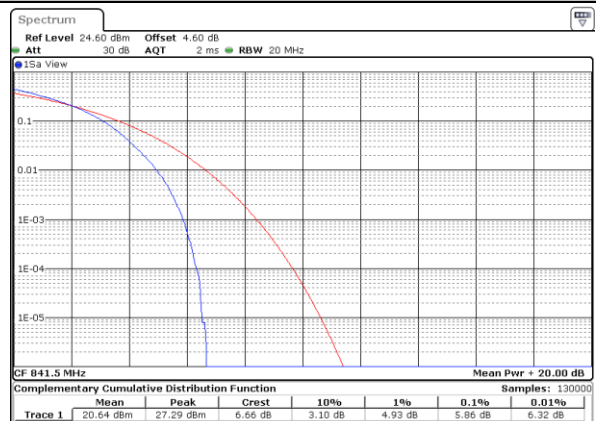
Middle Channel / Full RB



Highest Channel / 1RB



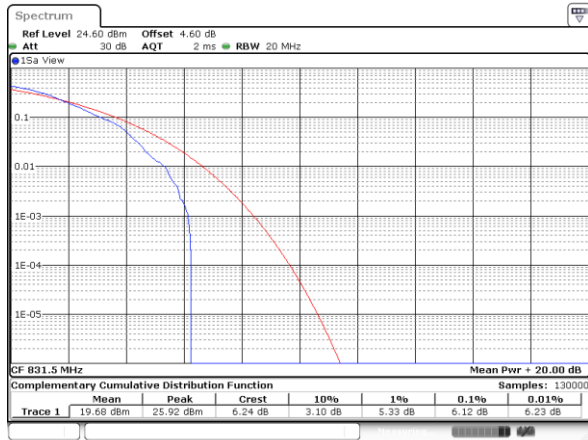
Highest Channel / Full RB



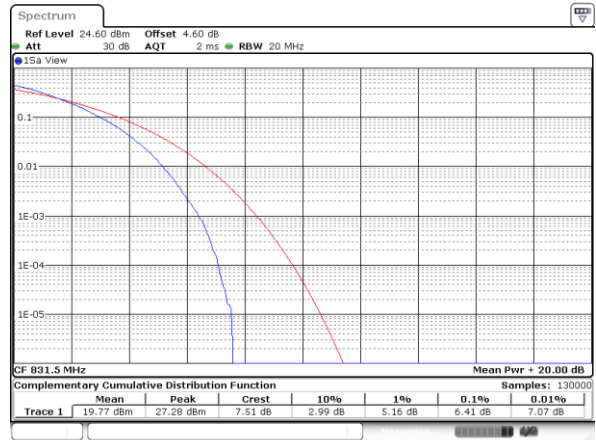


LTE Band 26 / 15MHz / 64QAM

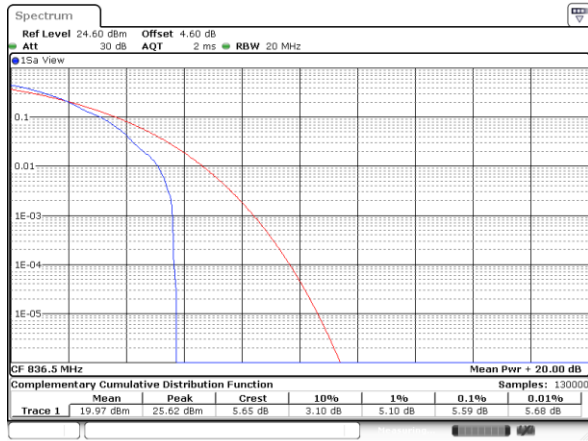
Lowest Channel / 1RB



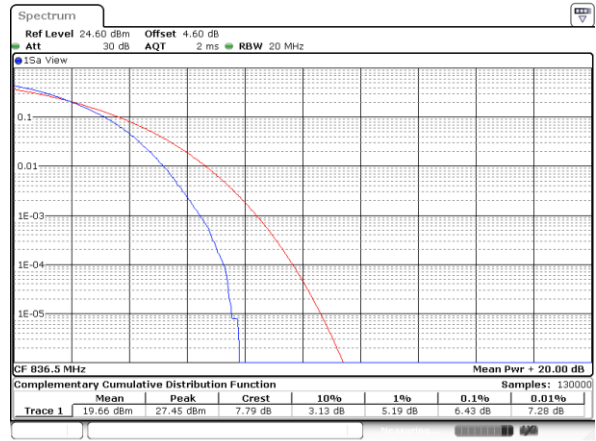
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



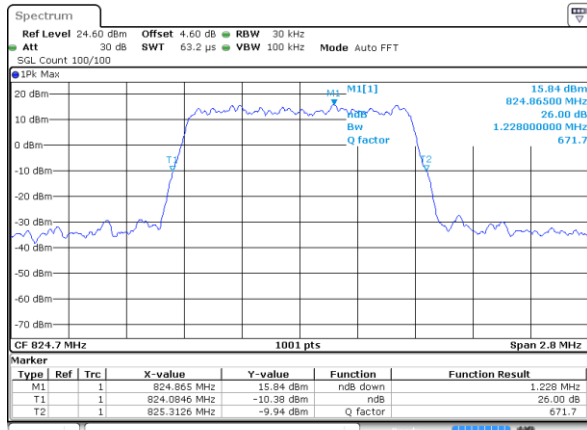
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	1.228	1.2196	3.039	3.009	4.935	4.925	9.65	9.83	14.505	14.206	-	-
Middle CH	1.2196	1.2252	3.027	3.0509	4.925	4.885	9.85	9.81	14.326	14.505	-	-
Highest CH	1.2224	1.2112	3.0509	2.997	4.915	4.995	9.77	9.79	14.476	14.266	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz							
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM							
Lowest CH	1.2084	3.021	4.865	9.79	14.535							
Middle CH	1.2252	3.045	4.875	9.83	14.476							
Highest CH	1.2252	2.991	4.935	9.75	14.416							

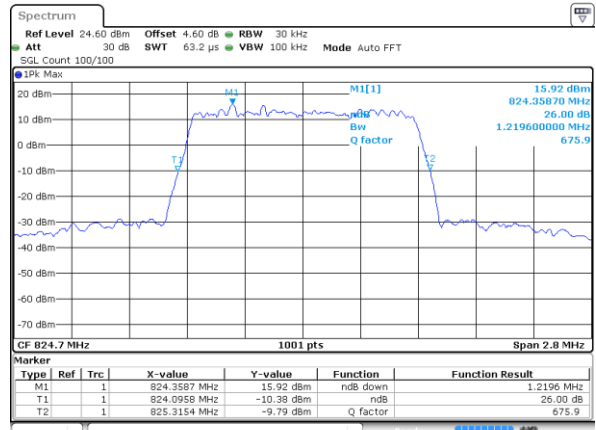


LTE Band 26

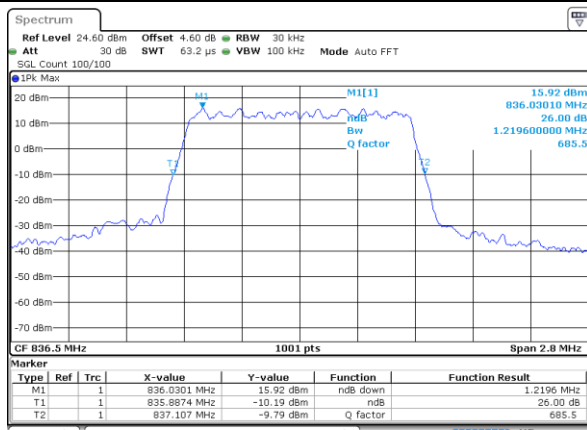
Lowest Channel / 1.4MHz / QPSK



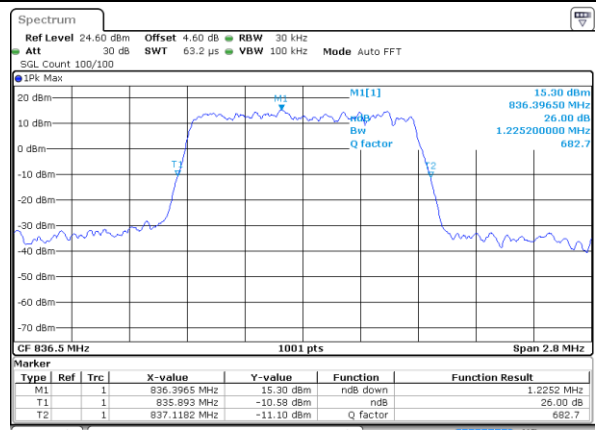
Lowest Channel / 1.4MHz / 16QAM



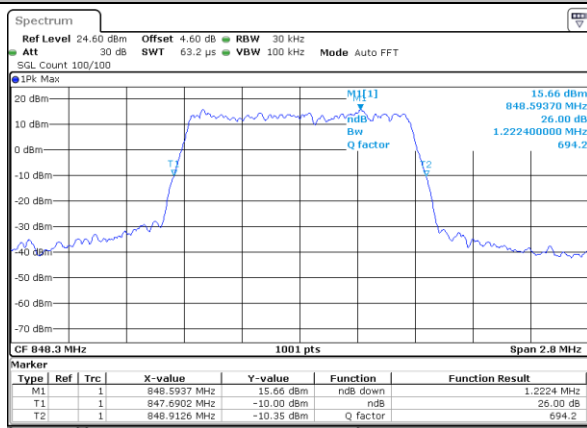
Middle Channel / 1.4MHz / QPSK



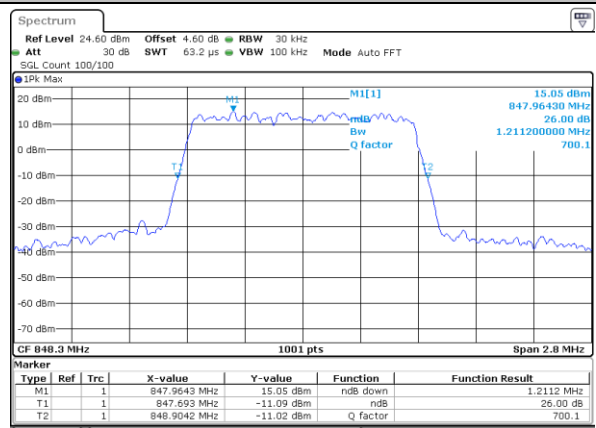
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



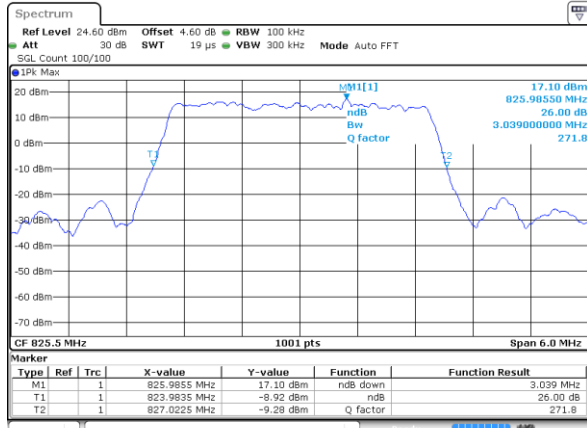
Highest Channel / 1.4MHz / 16QAM





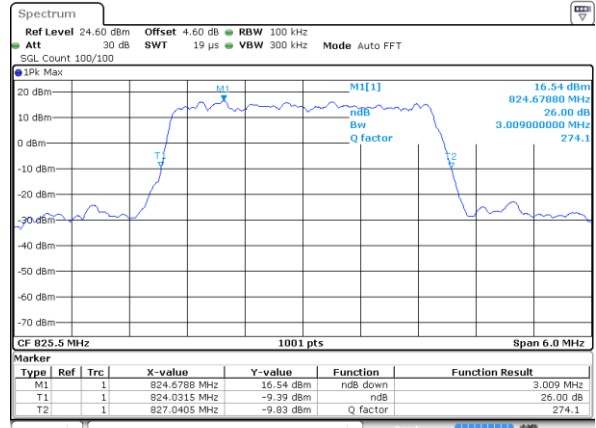
LTE Band 26

Lowest Channel / 3MHz / QPSK



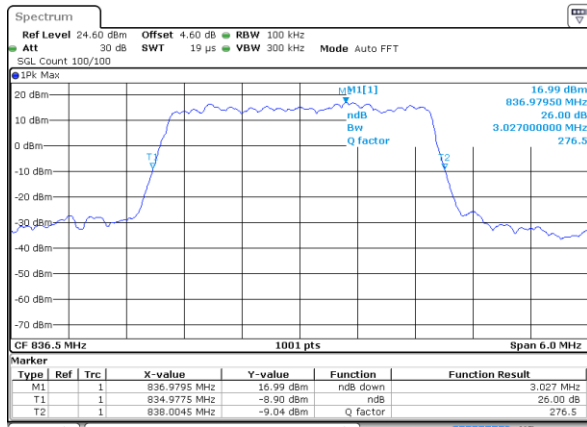
Date: 10.OCT.2019 04:37:58

Lowest Channel / 3MHz / 16QAM



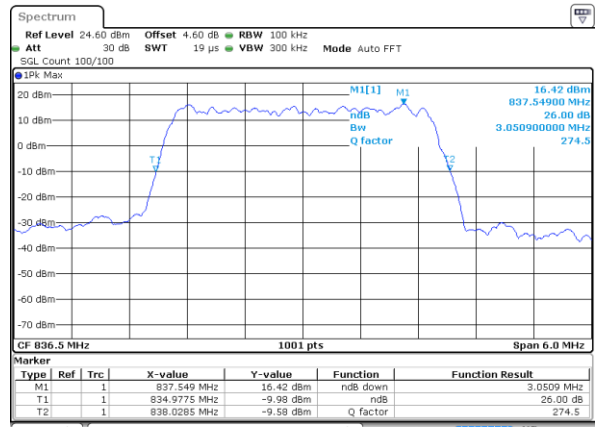
Date: 10.OCT.2019 04:38:18

Middle Channel / 3MHz / QPSK



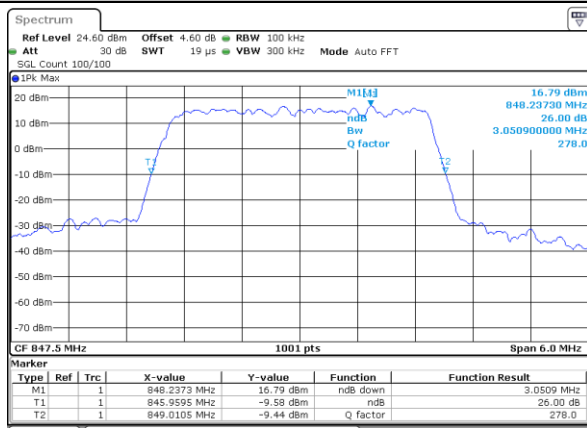
Date: 10.OCT.2019 04:39:38

Middle Channel / 3MHz / 16QAM



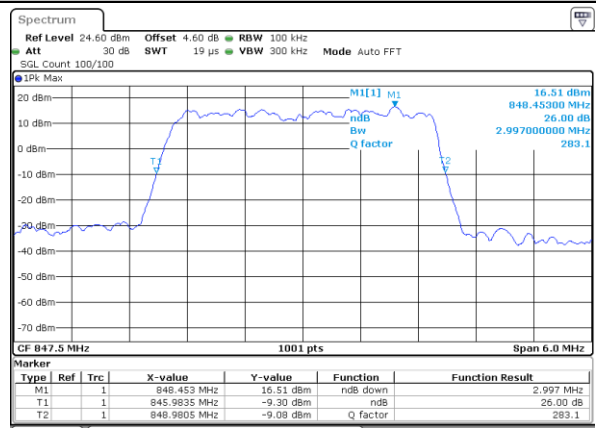
Date: 10.OCT.2019 04:39:18

Highest Channel / 3MHz / QPSK



Date: 10.OCT.2019 04:39:58

Highest Channel / 3MHz / 16QAM

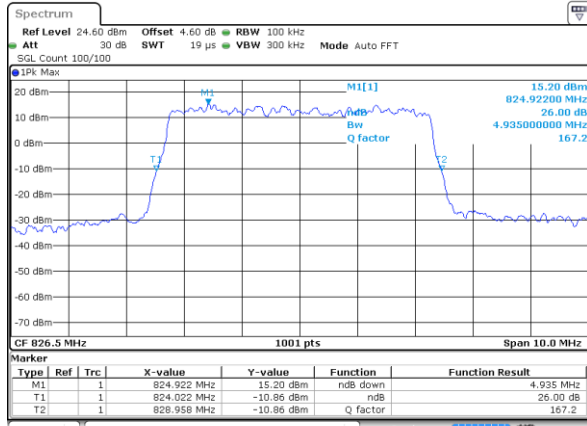


Date: 10.OCT.2019 04:40:18



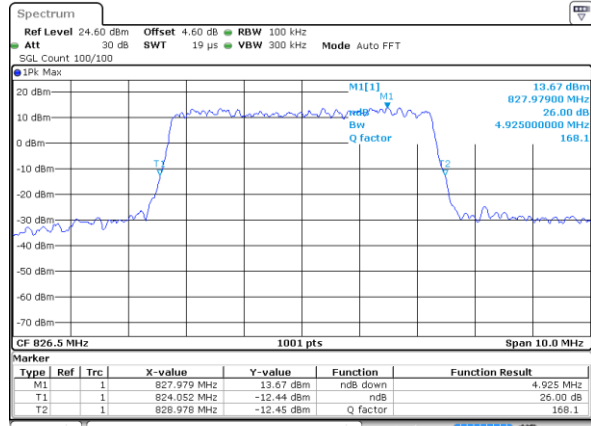
LTE Band 26

Lowest Channel / 5MHz / QPSK



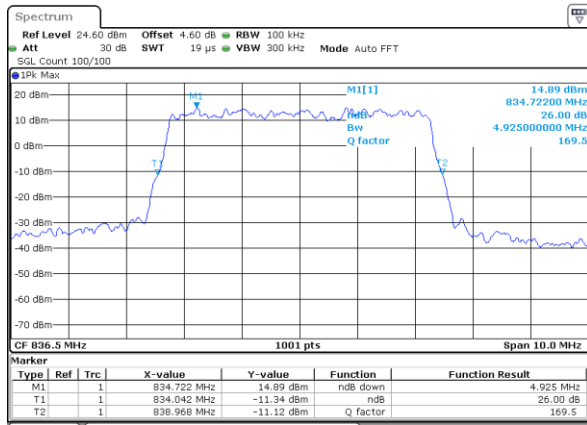
Date: 10.OCT.2019 04:47:43

Lowest Channel / 5MHz / 16QAM



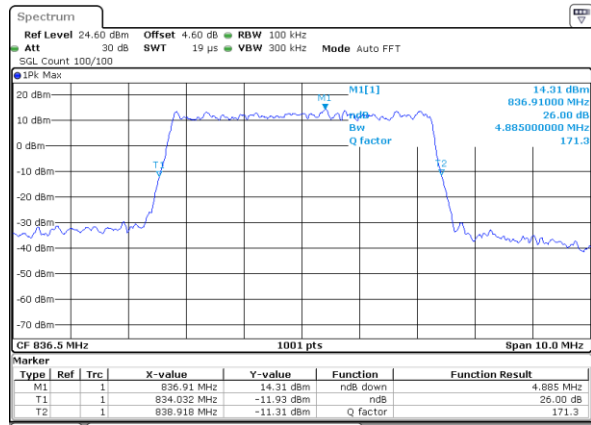
Date: 10.OCT.2019 04:48:03

Middle Channel / 5MHz / QPSK



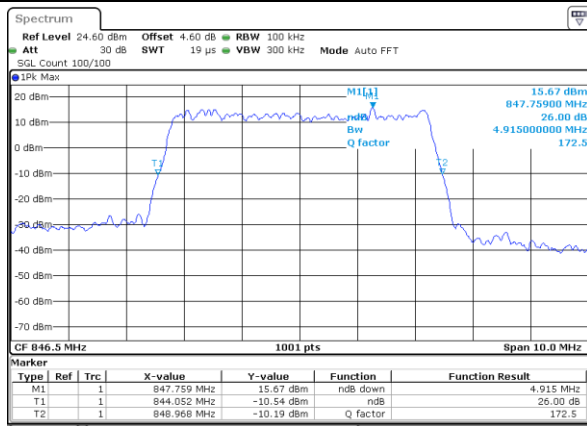
Date: 10.OCT.2019 04:49:24

Middle Channel / 5MHz / 16QAM



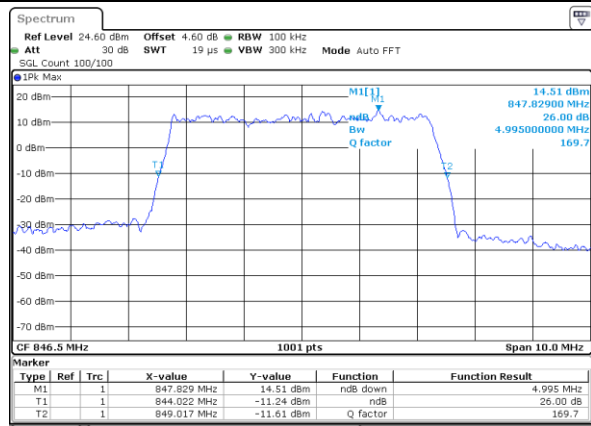
Date: 10.OCT.2019 04:49:03

Highest Channel / 5MHz / QPSK



Date: 10.OCT.2019 04:49:44

Highest Channel / 5MHz / 16QAM

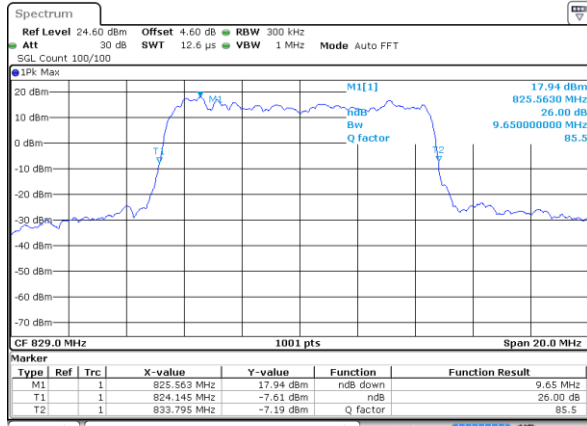


Date: 10.OCT.2019 04:50:04

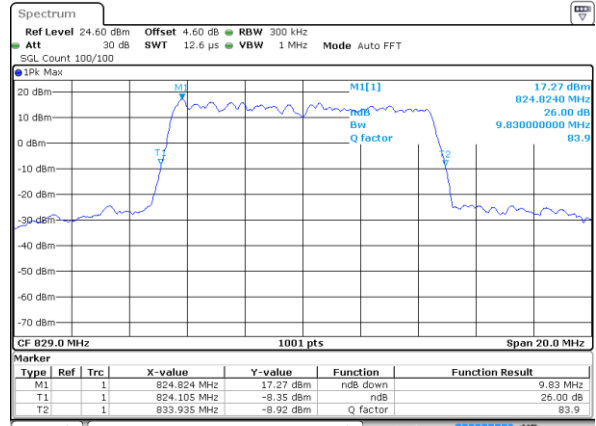


LTE Band 26

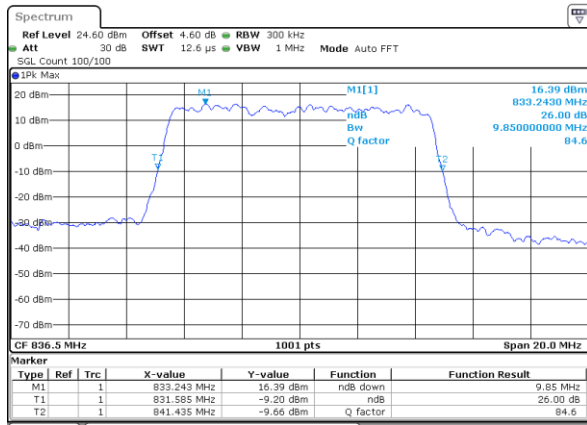
Lowest Channel / 10MHz / QPSK



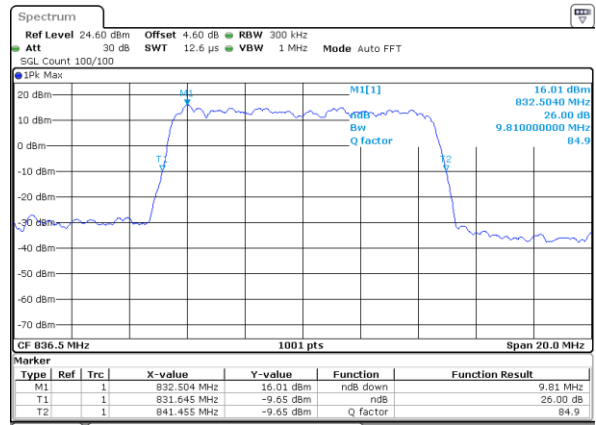
Lowest Channel / 10MHz / 16QAM



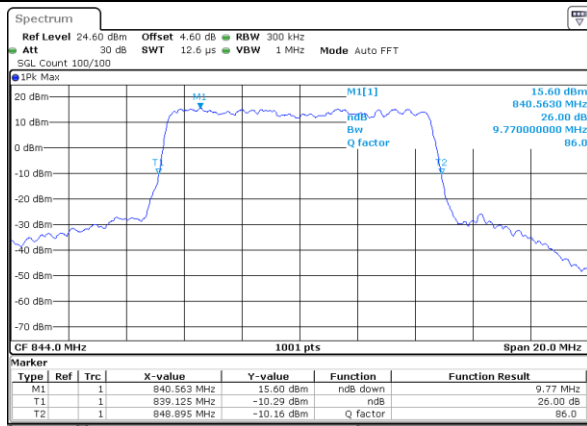
Middle Channel / 10MHz / QPSK



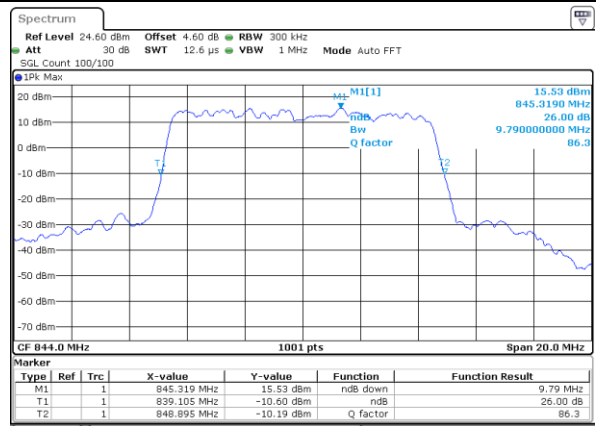
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



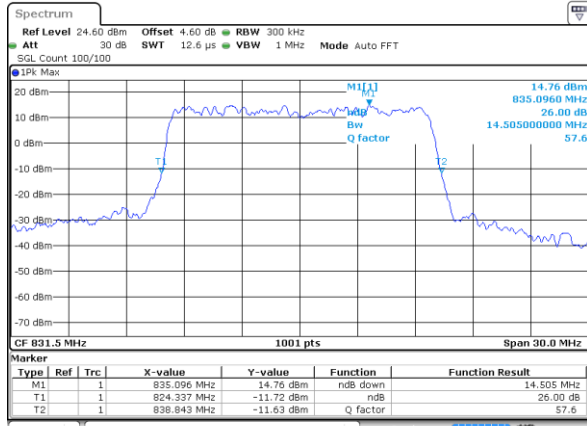
Highest Channel / 10MHz / 16QAM





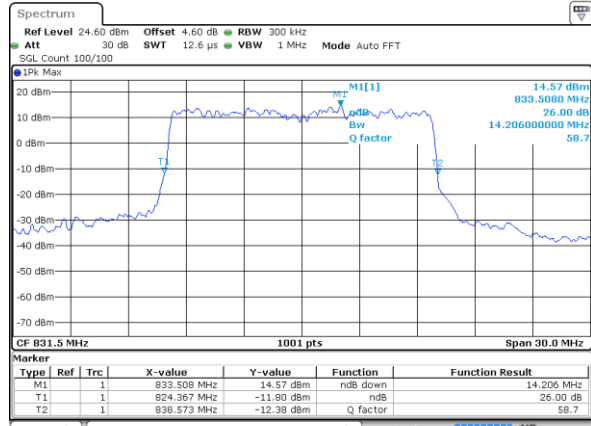
LTE Band 26

Lowest Channel / 15MHz / QPSK



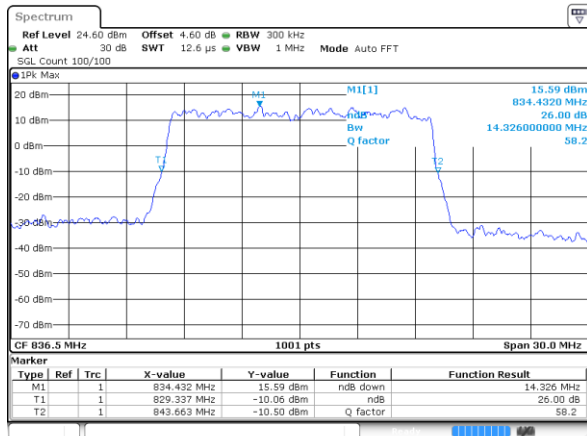
Date: 10.OCT.2019 05:16:17

Lowest Channel / 15MHz / 16QAM



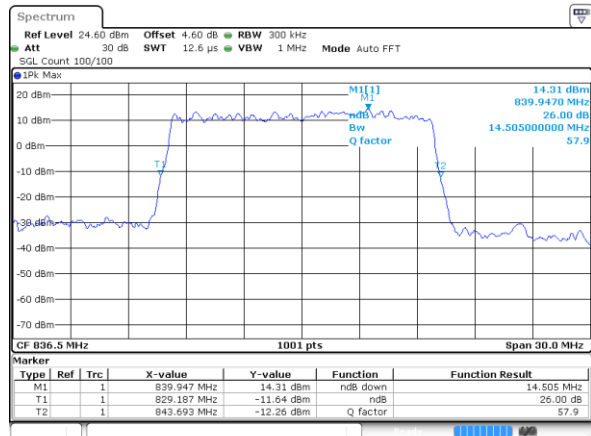
Date: 10.OCT.2019 05:16:37

Middle Channel / 15MHz / QPSK



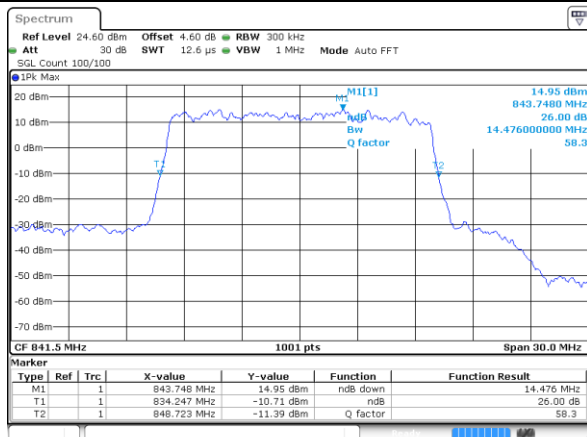
Date: 10.OCT.2019 05:17:58

Middle Channel / 15MHz / 16QAM



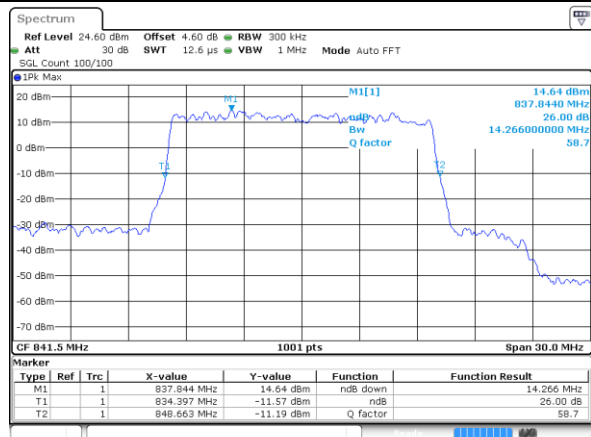
Date: 10.OCT.2019 05:17:38

Highest Channel / 15MHz / QPSK



Date: 10.OCT.2019 05:18:18

Highest Channel / 15MHz / 16QAM

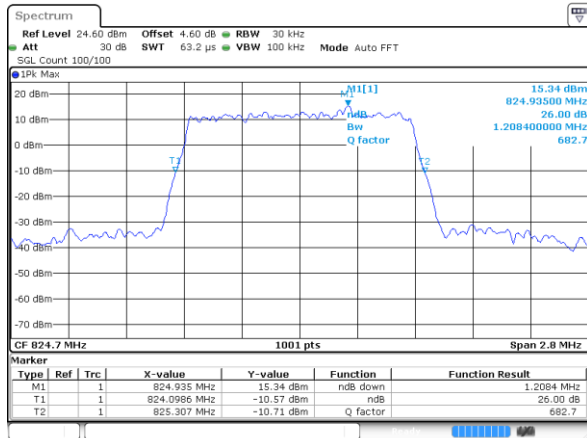


Date: 10.OCT.2019 05:18:38

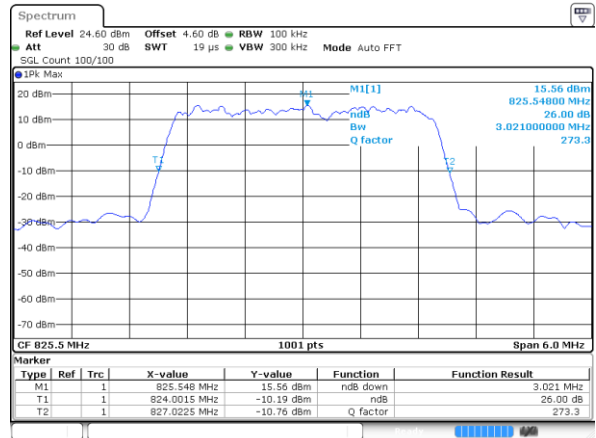


LTE Band 26

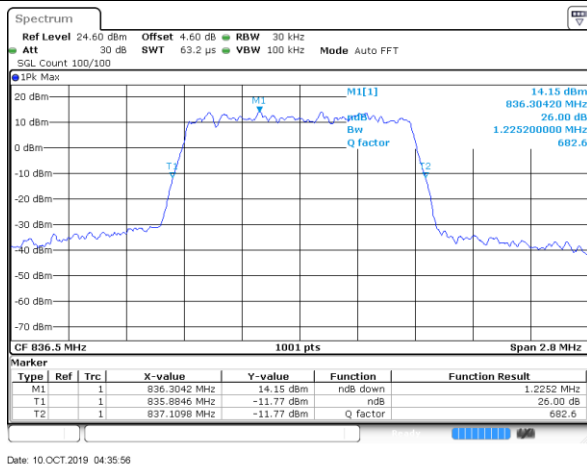
Lowest Channel / 1.4MHz / 64QAM



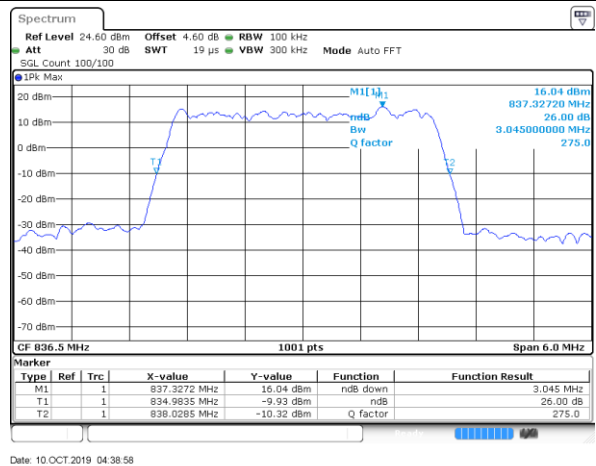
Lowest Channel / 3MHz / 64QAM



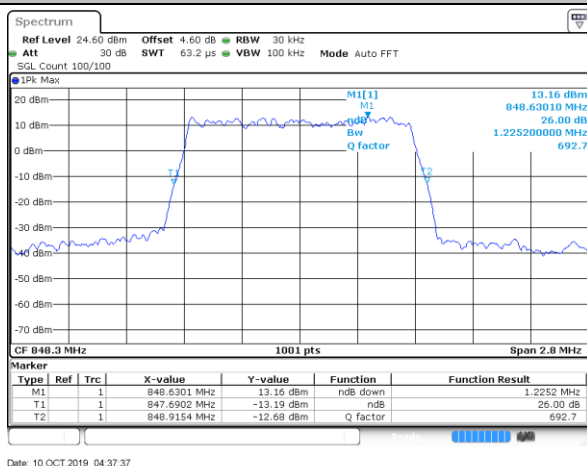
Middle Channel / 1.4MHz / 64QAM



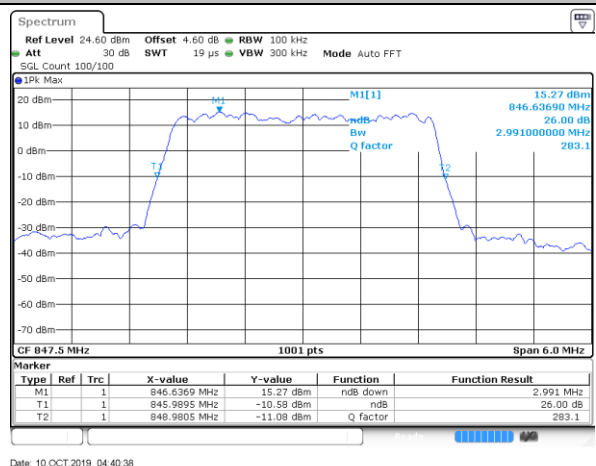
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



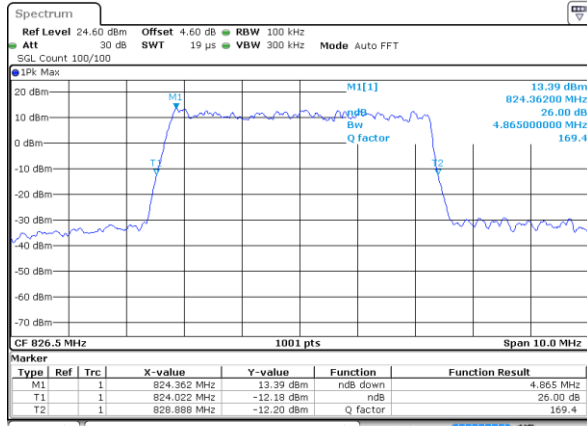
Highest Channel / 3MHz / 64QAM



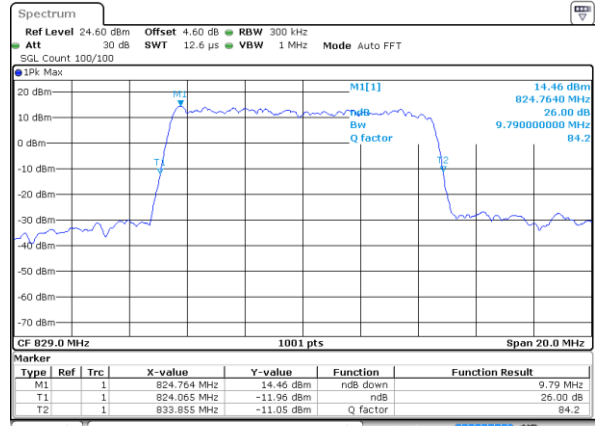


LTE Band 26

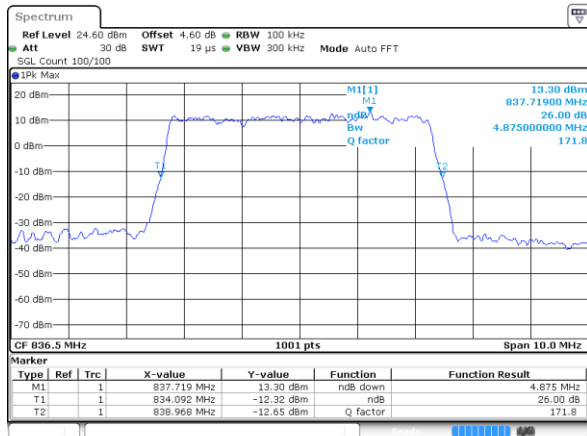
Lowest Channel / 5MHz / 64QAM



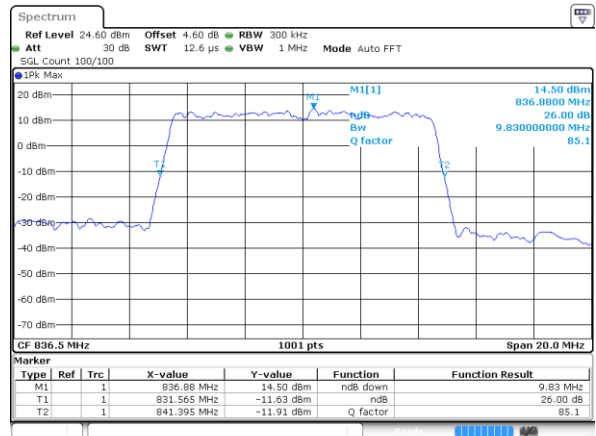
Lowest Channel / 10MHz / 64QAM



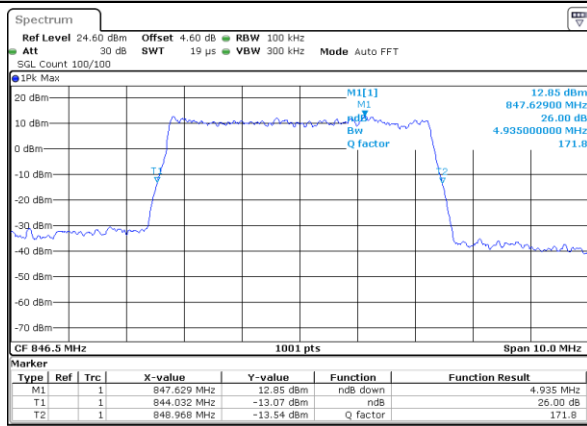
Middle Channel / 5MHz / 64QAM



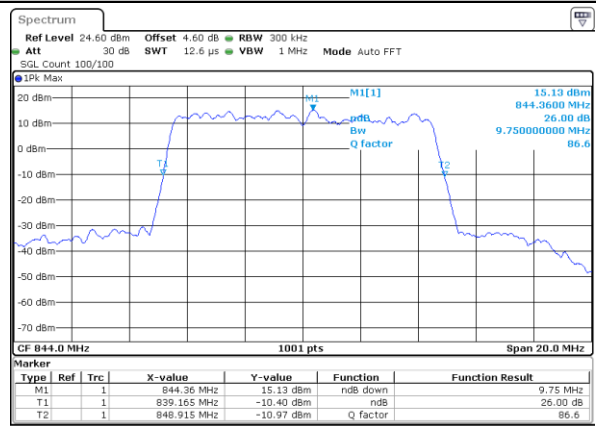
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



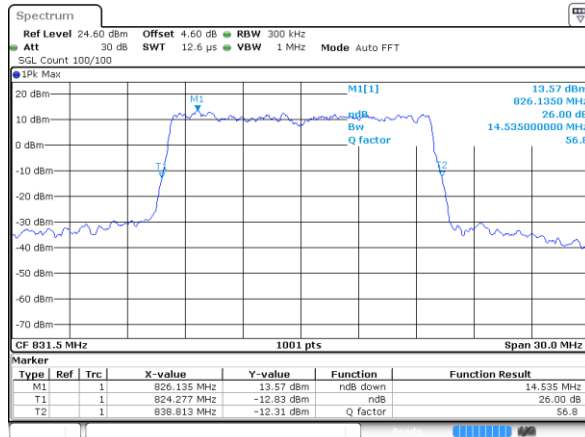
Highest Channel / 10MHz / 64QAM





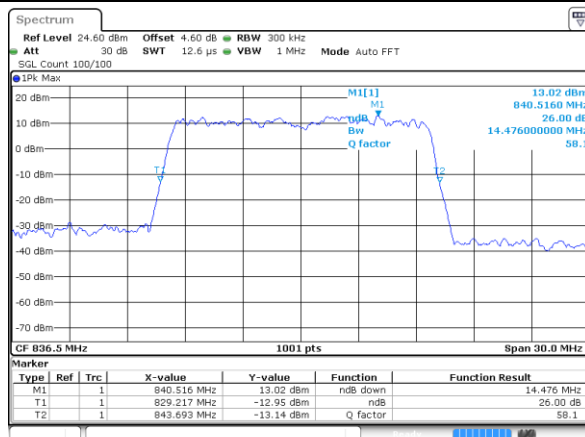
LTE Band 26

Lowest Channel / 15MHz / 64QAM



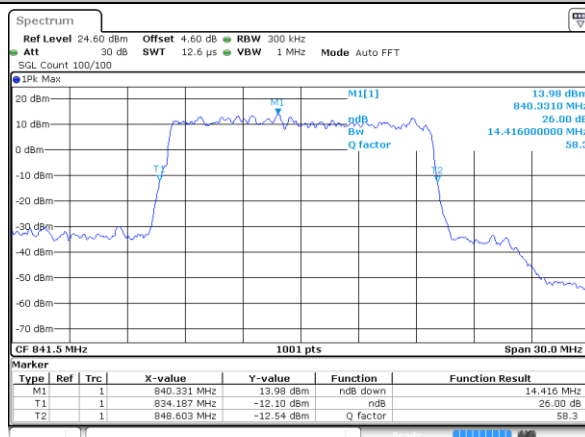
Date: 10.OCT.2019 05:16:58

Middle Channel / 15MHz / 64QAM



Date: 10.OCT.2019 05:17:18

Highest Channel / 15MHz / 64QAM



Date: 10.OCT.2019 05:18:58

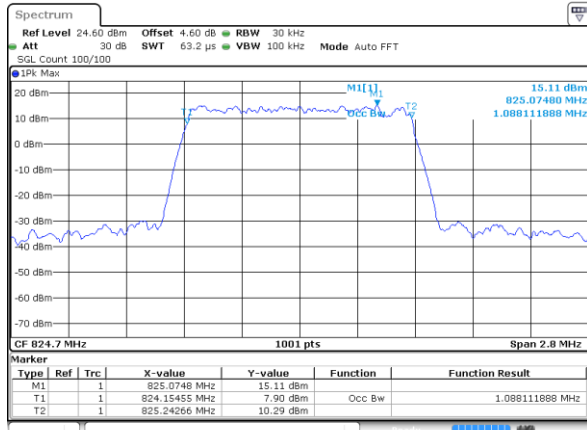
**Occupied Bandwidth**

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	2.72	4.50	4.51	9.03	9.03	13.40	13.40	13.43	13.46
Middle CH	1.08	1.09	2.70	2.73	4.51	4.52	8.97	9.03	13.43	13.34	-	-
Highest CH	1.09	1.09	2.73	2.73	4.51	4.50	9.03	9.07	13.37	13.43	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	CH26765						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.72	4.54	9.03	13.49	13.43						
Middle CH	1.08	2.73	4.50	9.03	13.40	-						
Highest CH	1.09	2.73	4.51	9.01	13.40	-						

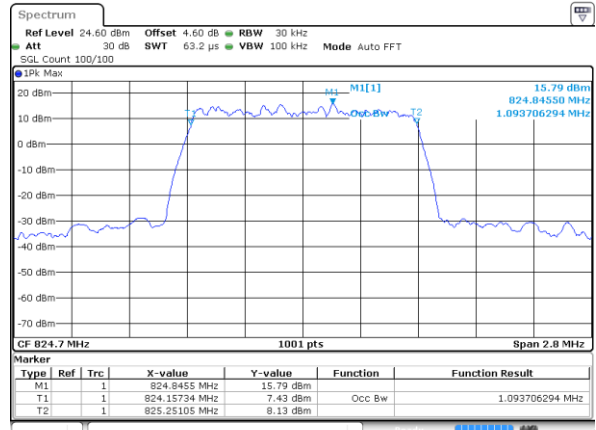


LTE Band 26

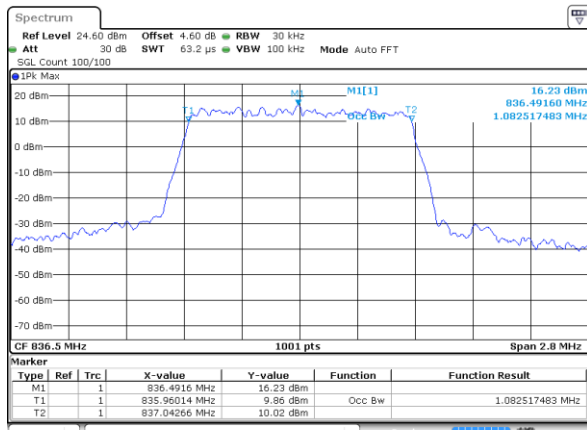
Lowest Channel / 1.4MHz / QPSK



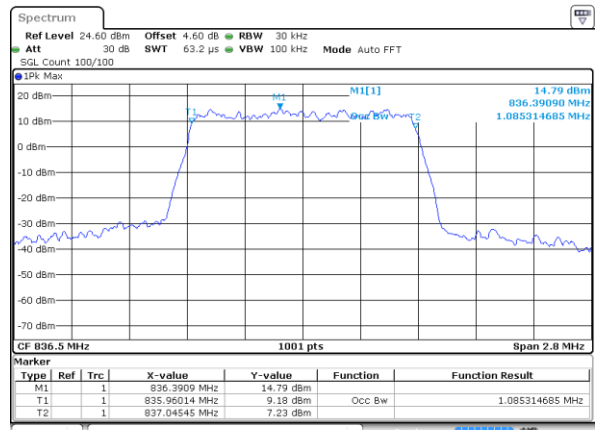
Lowest Channel / 1.4MHz / 16QAM



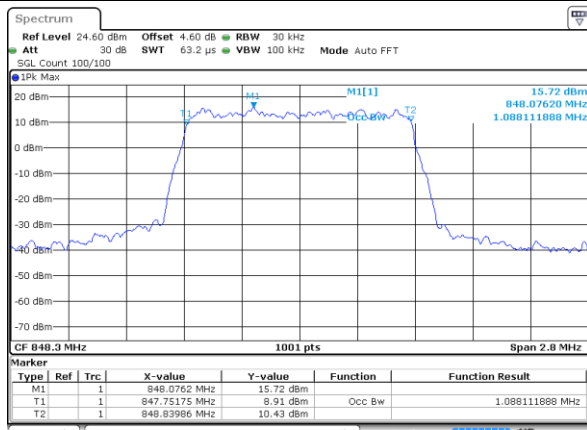
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

