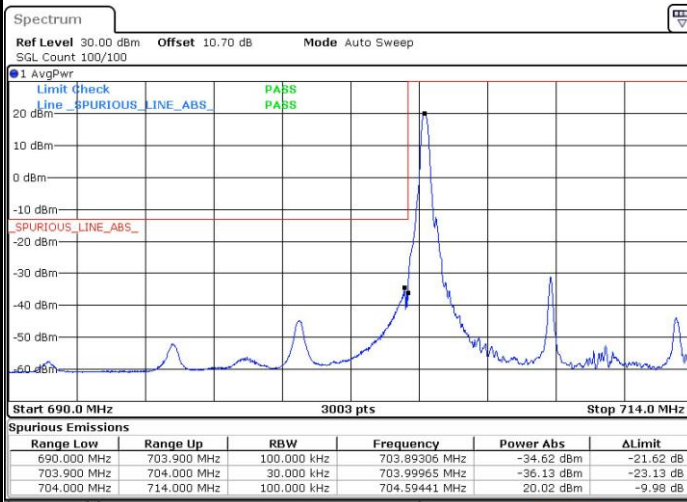




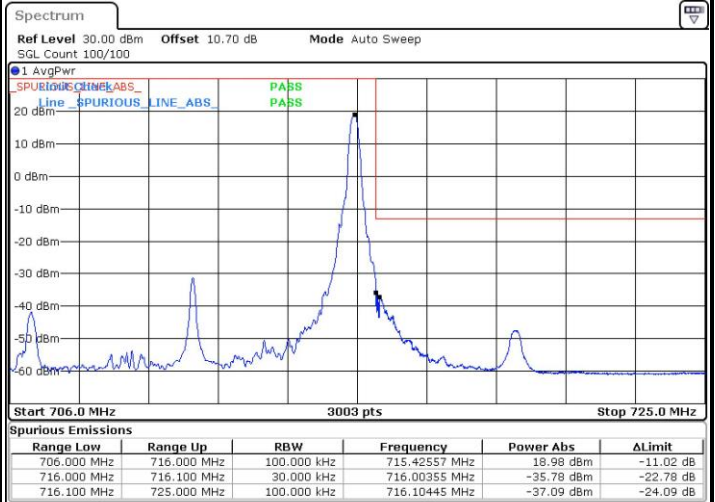
LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



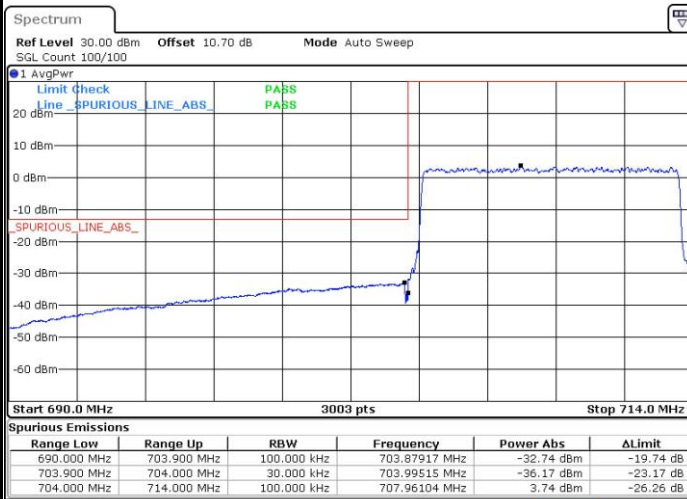
Date: 17.OCT.2018 12:19:34

Highest Band Edge / 1 RB



Date: 17.OCT.2018 12:24:20

Lowest Band Edge / Full RB



Date: 17.OCT.2018 12:20:44

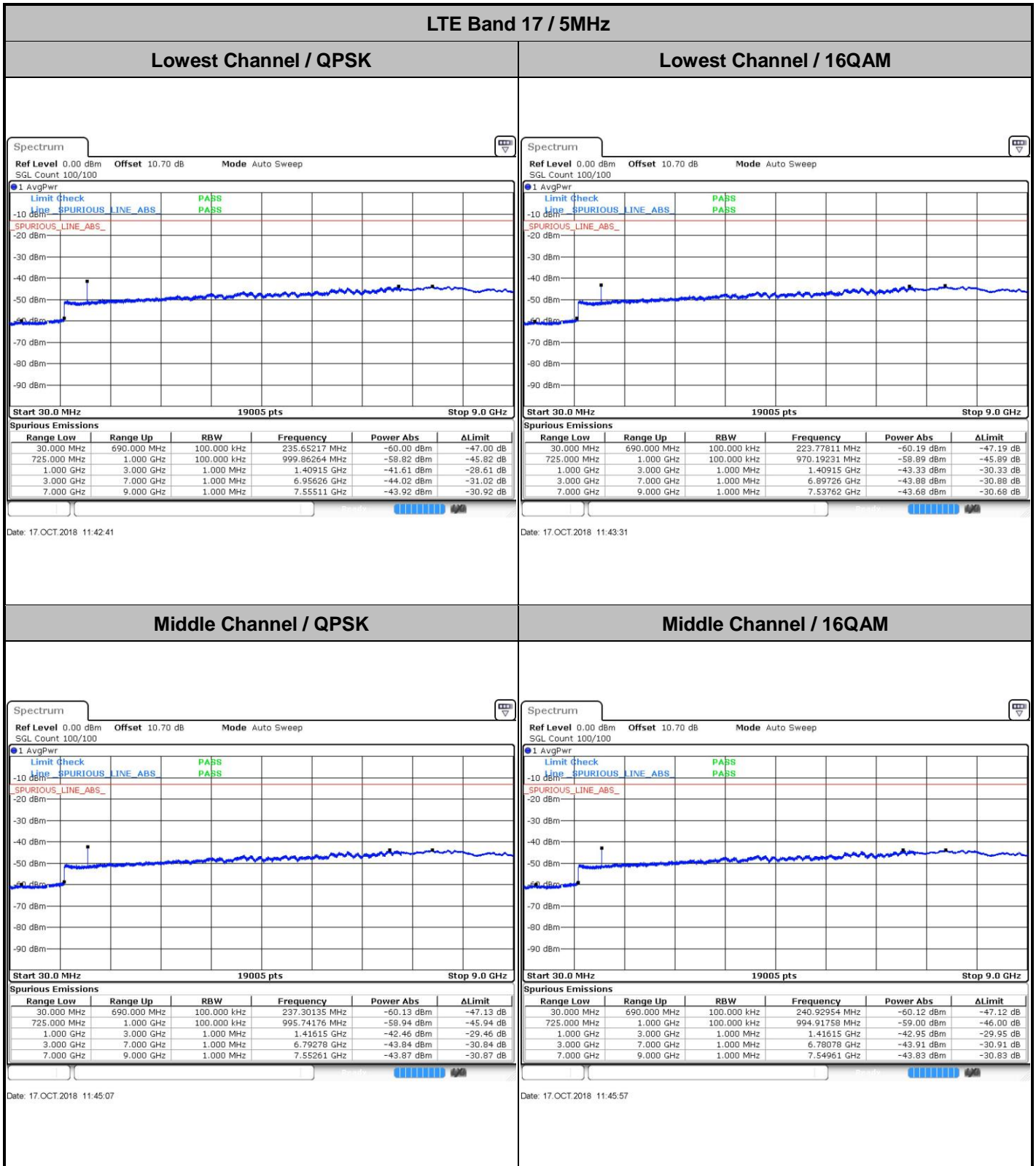
Highest Band Edge / Full RB



Date: 17.OCT.2018 12:25:30



Conducted Spurious Emission

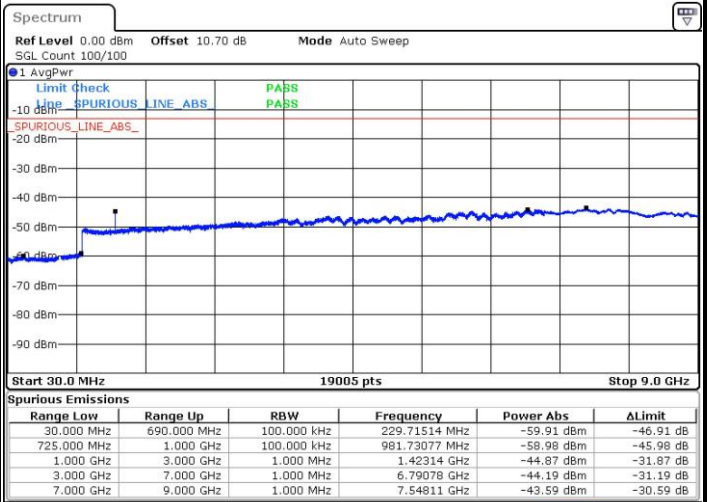
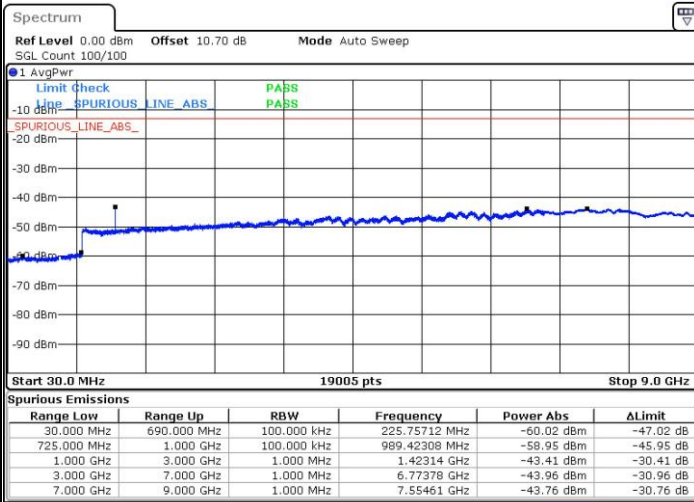




LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



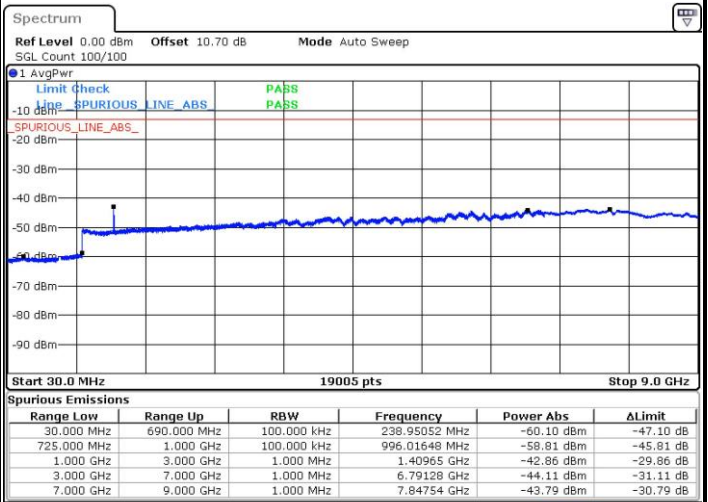
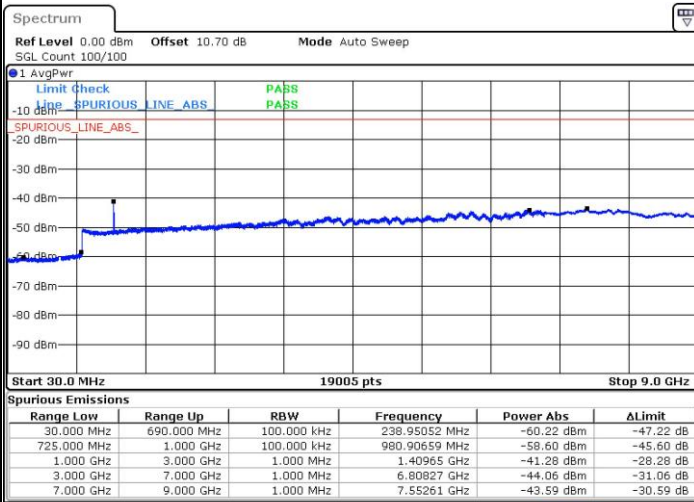
Date: 17.OCT.2018 11:52:13

Date: 17.OCT.2018 11:53:04

LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 17.OCT.2018 11:59:20

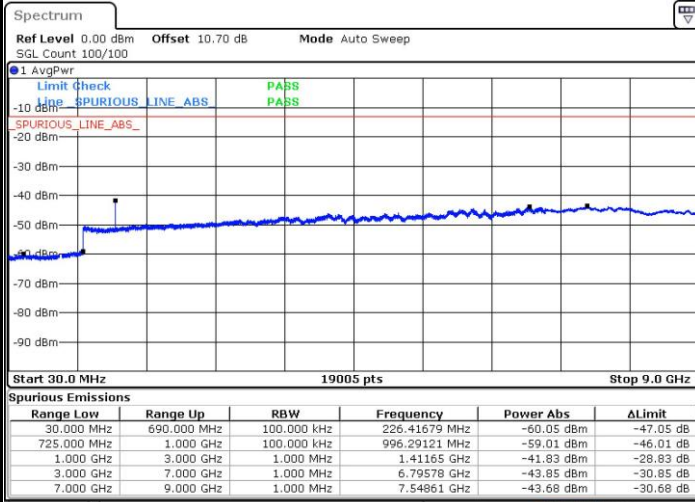
Date: 17.OCT.2018 12:00:10



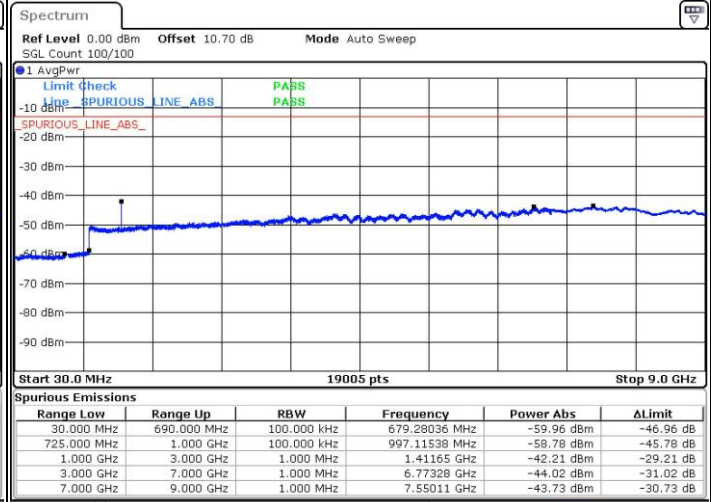
LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



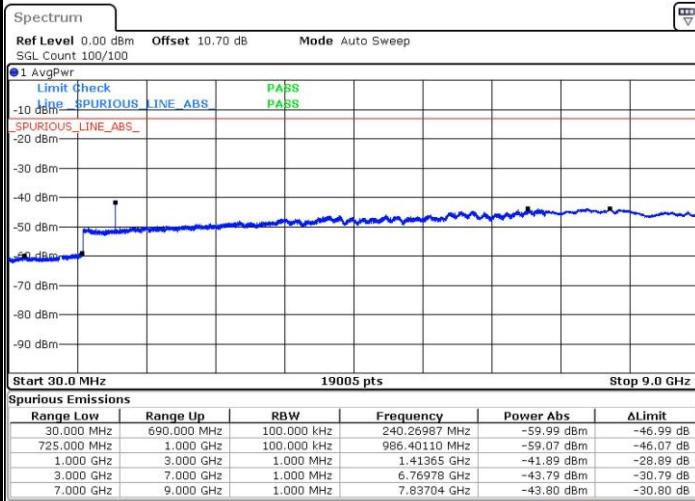
Date: 17.OCT.2018 12:01:46



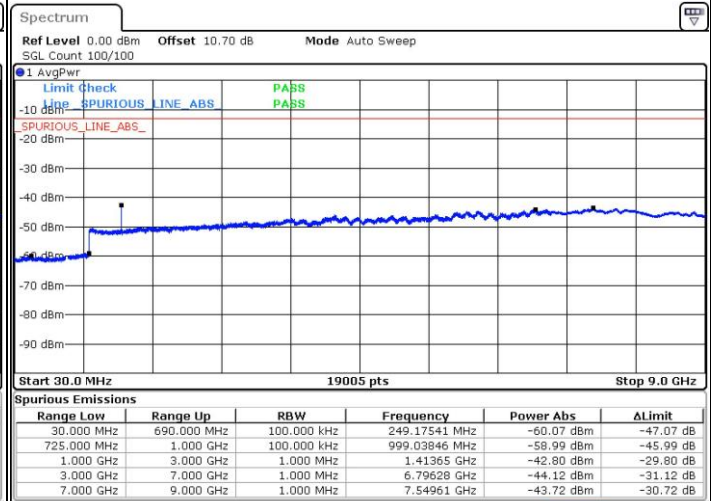
Date: 17.OCT.2018 12:02:36

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.OCT.2018 12:08:52



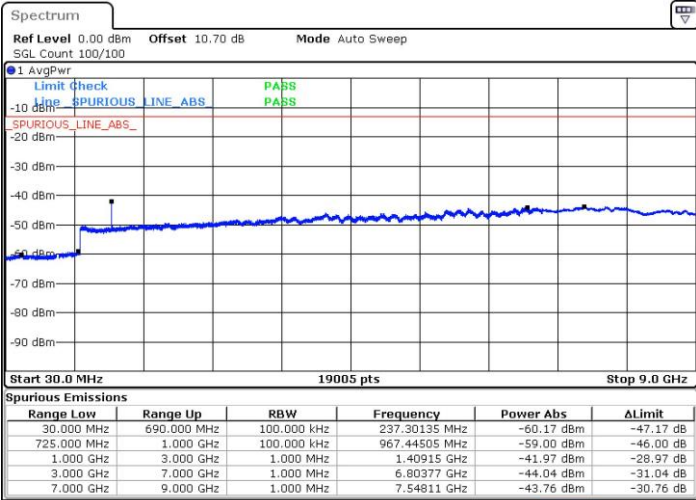
Date: 17.OCT.2018 12:09:42



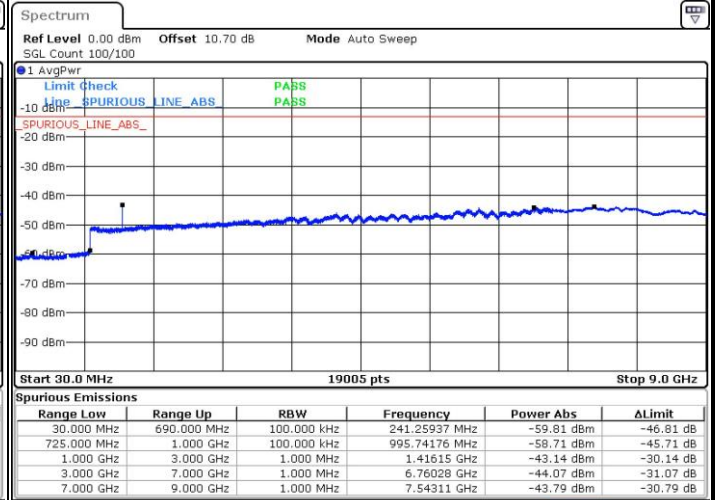
LTE Band 17 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

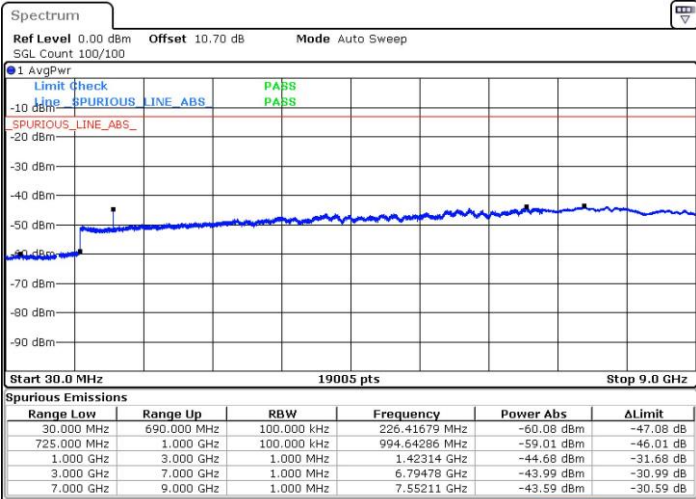


Date: 17.OCT.2018 12:13:15



Date: 17.OCT.2018 12:14:28

Highest Channel / 64QAM



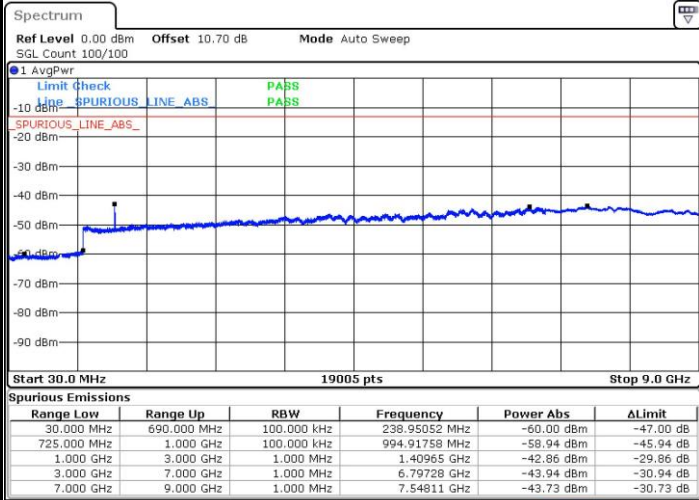
Date: 17.OCT.2018 12:18:01



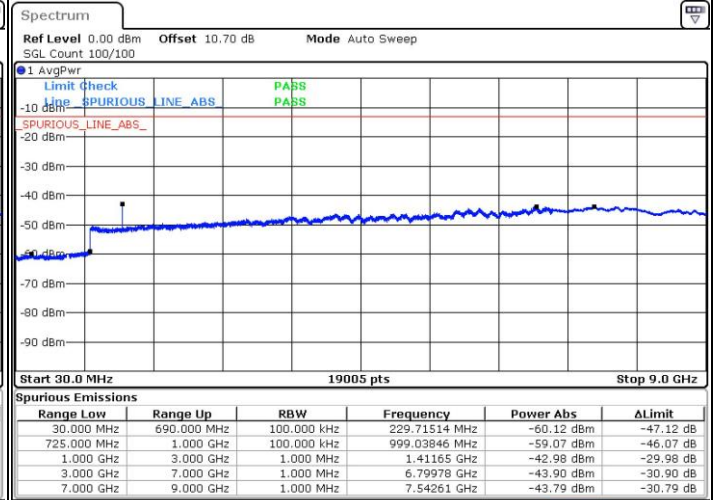
LTE Band 17 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

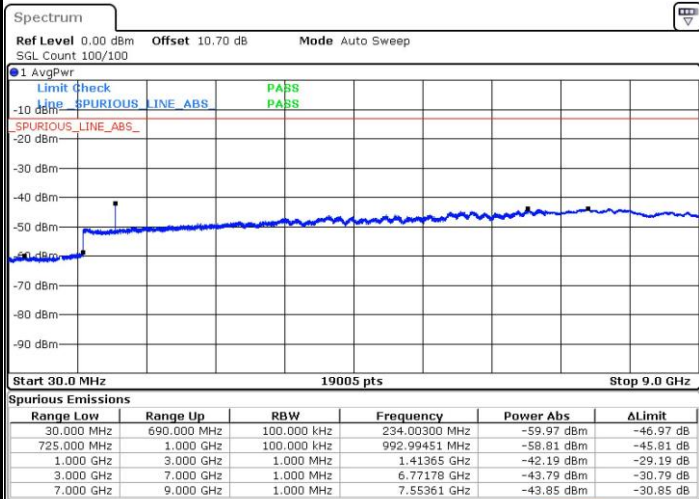


Date: 17.OCT.2018 12:21:34



Date: 17.OCT.2018 12:22:47

Highest Channel / 64QAM



Date: 17.OCT.2018 12:26:20



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0118	
30	Normal Voltage	0.0097	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0103	
-10	Normal Voltage	0.0108	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0101	
20	Maximum Voltage	0.0106	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

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

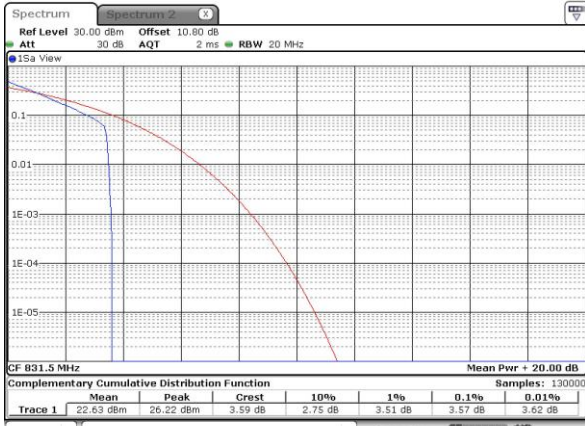
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.57	4.84	4.72	6.03	PASS
Middle CH	3.62	4.72	4.78	5.94	
Highest CH	3.59	4.67	4.72	5.91	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.74	6.64	-	-	PASS
Middle CH	5.68	6.64	-	-	
Highest CH	5.97	6.55	-	-	



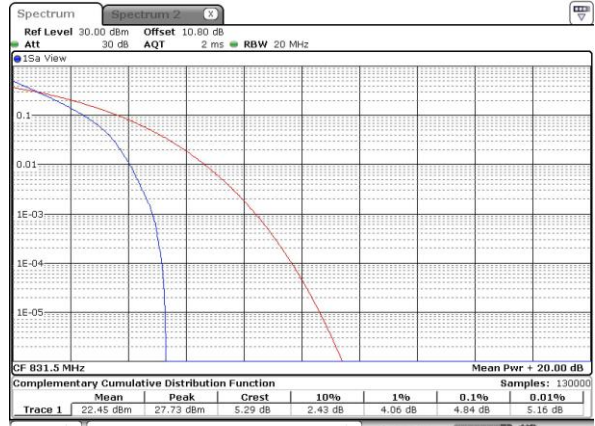
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



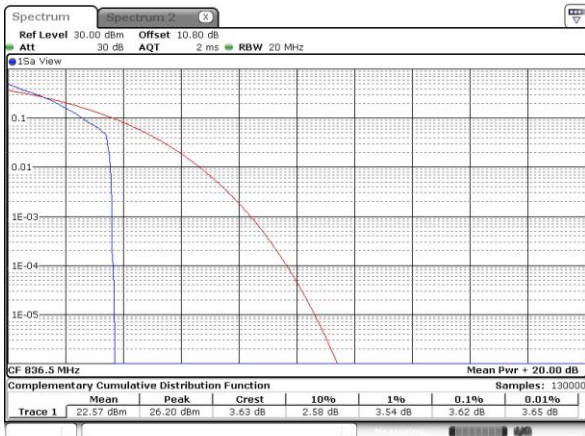
Date: 20.OCT.2018 00:30:39

Lowest Channel / Full RB



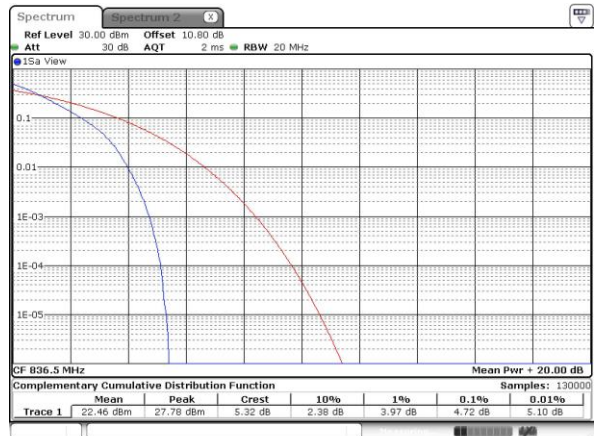
Date: 20.OCT.2018 00:30:08

Middle Channel / 1RB



Date: 20.OCT.2018 00:30:49

Middle Channel / Full RB



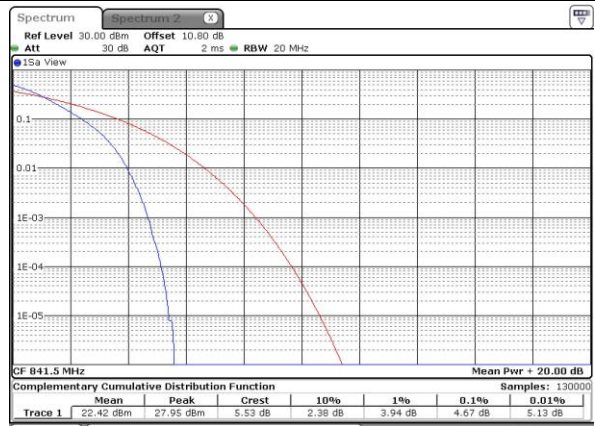
Date: 20.OCT.2018 00:31:18

Highest Channel / 1RB



Date: 20.OCT.2018 00:31:58

Highest Channel / Full RB

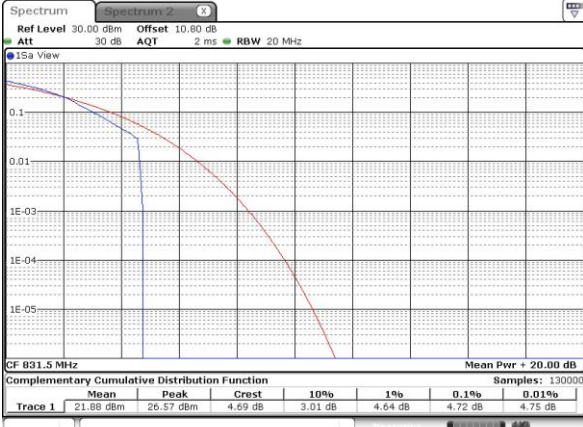


Date: 20.OCT.2018 00:31:28



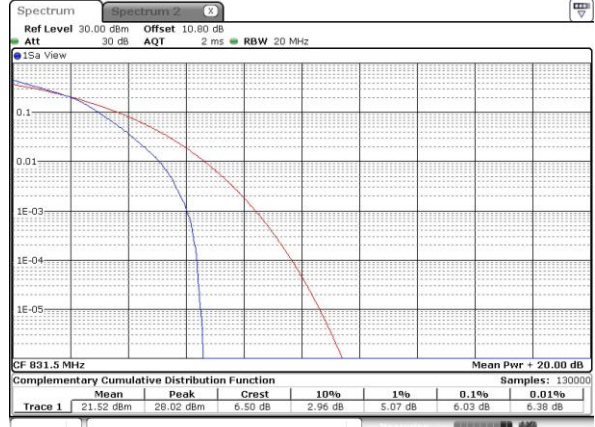
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



Date: 20.OCT.2018 00:30:29

Lowest Channel / Full RB



Date: 20.OCT.2018 00:30:19

Middle Channel / 1RB



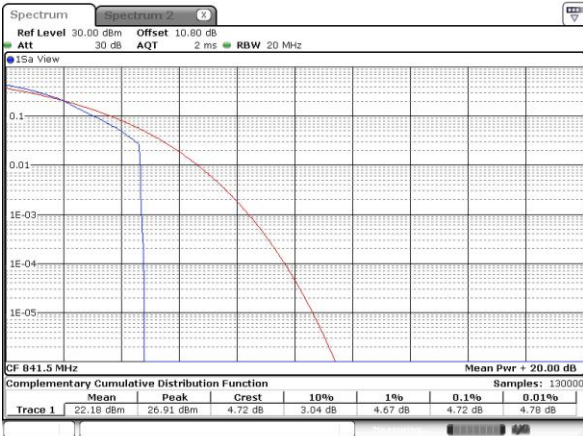
Date: 20.OCT.2018 00:30:58

Middle Channel / Full RB



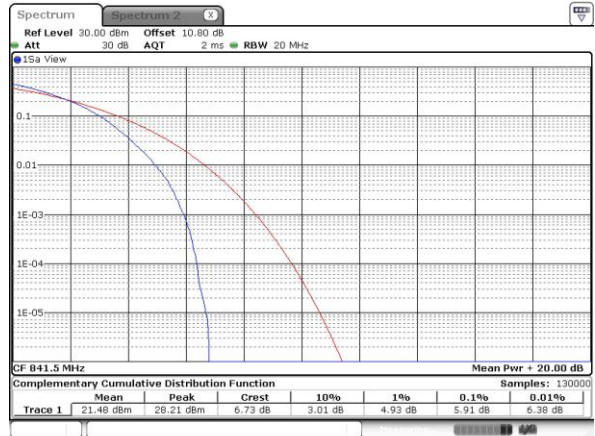
Date: 20.OCT.2018 00:31:08

Highest Channel / 1RB



Date: 20.OCT.2018 00:31:48

Highest Channel / Full RB

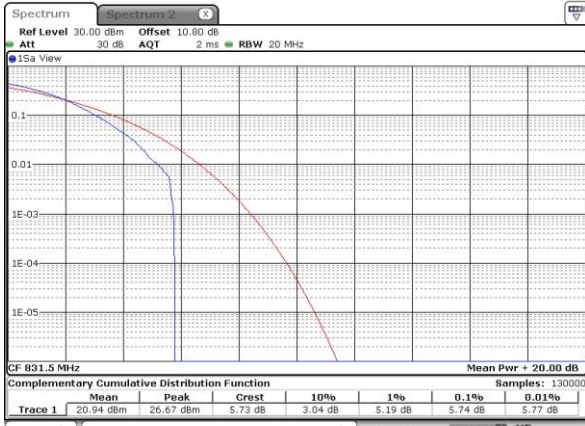


Date: 20.OCT.2018 00:31:38



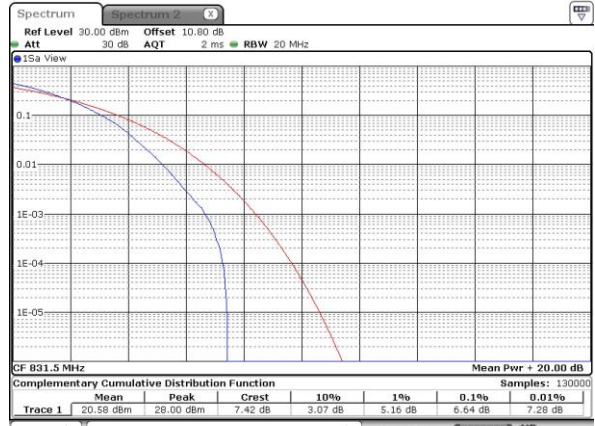
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



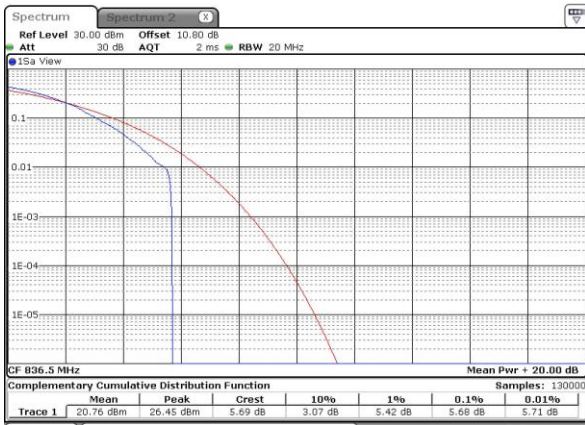
Date: 20.OCT.2018 00:32:18

Lowest Channel / Full RB



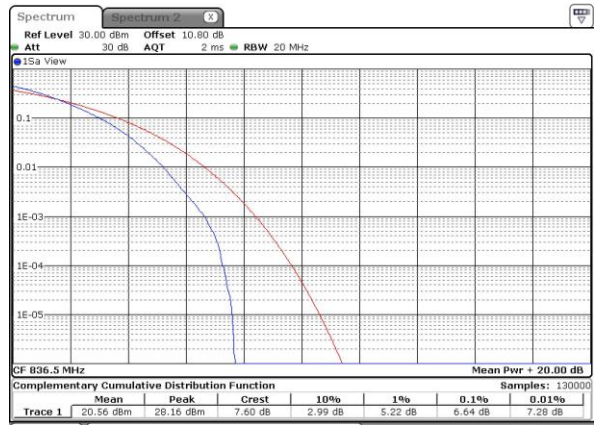
Date: 20.OCT.2018 00:32:08

Middle Channel / 1RB



Date: 20.OCT.2018 00:32:28

Middle Channel / Full RB



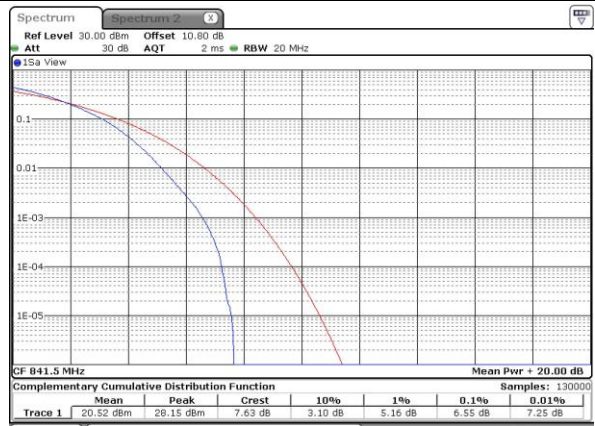
Date: 20.OCT.2018 00:32:37

Highest Channel / 1RB



Date: 20.OCT.2018 00:32:57

Highest Channel / Full RB



Date: 20.OCT.2018 00:32:47



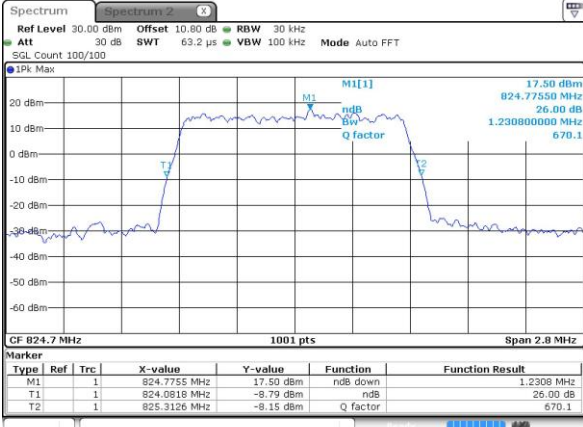
26dB Bandwidth

Mode BW Mod.	LTE Band 26 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.05	3.01	4.87	4.92	9.83	9.89	14.54	14.42	-	-
Middle CH	1.23	1.22	3.00	2.97	4.87	4.88	9.79	9.85	14.33	14.18	-	-
Highest CH	1.23	1.23	3.05	3.02	4.82	4.84	9.79	9.65	14.36	14.39	-	-
Mode BW Mod.	LTE Band 26 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.02	-	4.80	-	9.99	-	14.39	-	-	-
Middle CH	1.22	-	3.06	-	4.99	-	9.69	-	14.39	-	-	-
Highest CH	1.23	-	2.96	-	4.99	-	9.67	-	14.45	-	-	-



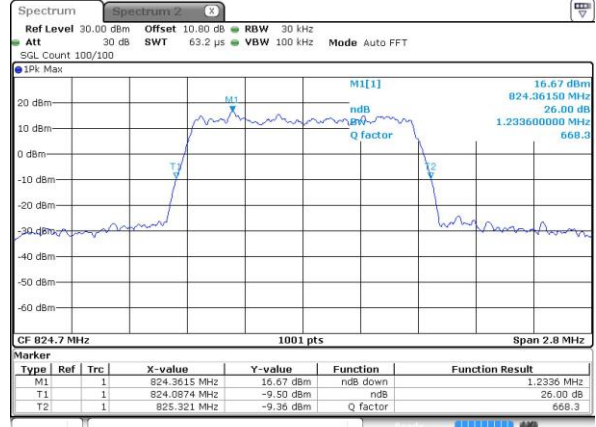
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



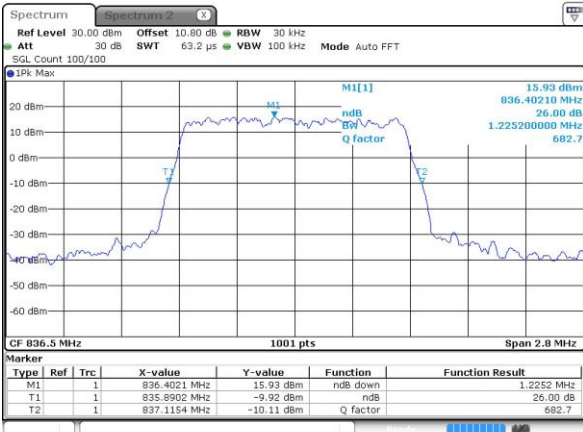
Date: 19.OCT.2018 21:51:16

Lowest Channel / 1.4MHz / 16QAM



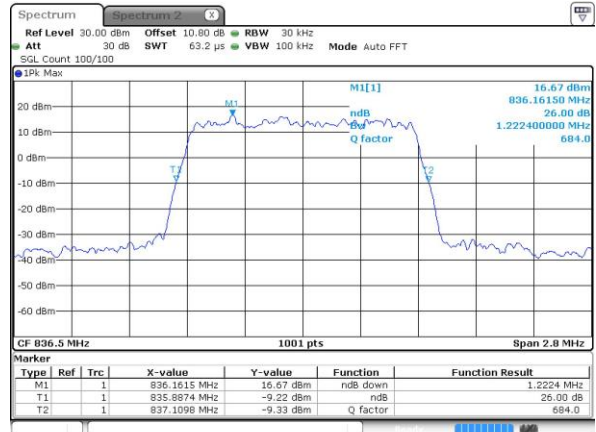
Date: 19.OCT.2018 21:51:05

Middle Channel / 1.4MHz / QPSK



Date: 19.OCT.2018 21:58:48

Middle Channel / 1.4MHz / 16QAM



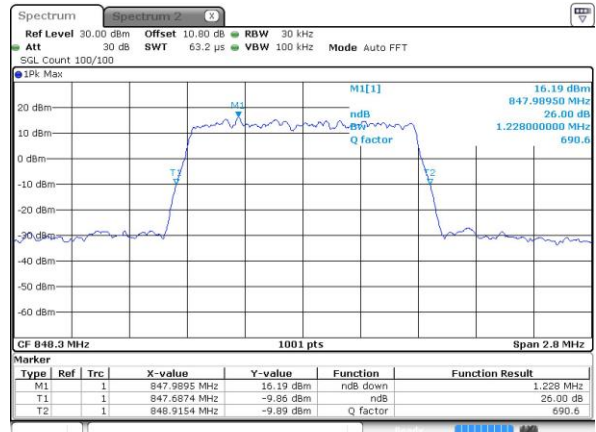
Date: 19.OCT.2018 21:58:34

Highest Channel / 1.4MHz / QPSK



Date: 19.OCT.2018 22:00:52

Highest Channel / 1.4MHz / 16QAM

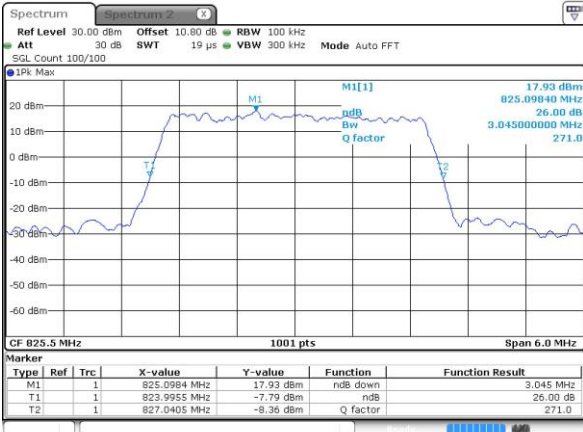


Date: 19.OCT.2018 22:00:40



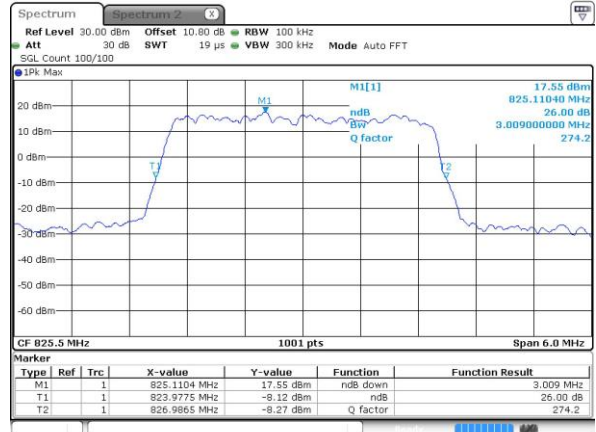
LTE Band 26

Lowest Channel / 3MHz / QPSK



Date: 19.OCT.2018 22:48:49

Lowest Channel / 3MHz / 16QAM



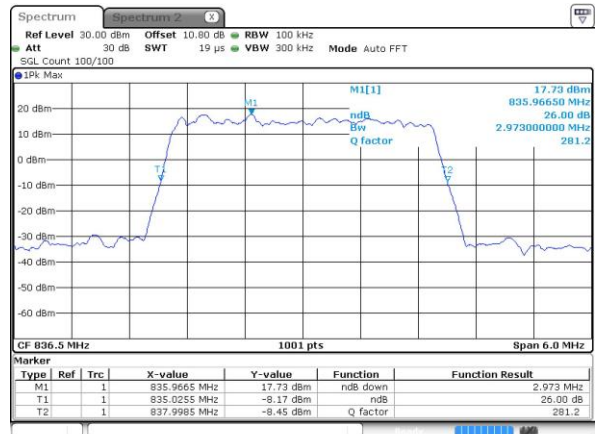
Date: 19.OCT.2018 22:48:38

Middle Channel / 3MHz / QPSK



Date: 19.OCT.2018 22:55:36

Middle Channel / 3MHz / 16QAM



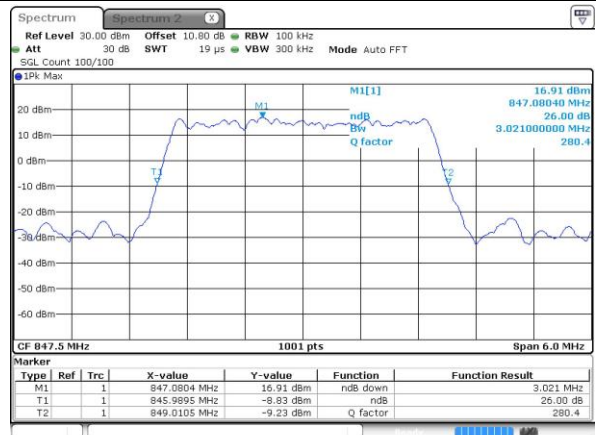
Date: 19.OCT.2018 22:55:25

Highest Channel / 3MHz / QPSK



Date: 19.OCT.2018 22:57:42

Highest Channel / 3MHz / 16QAM

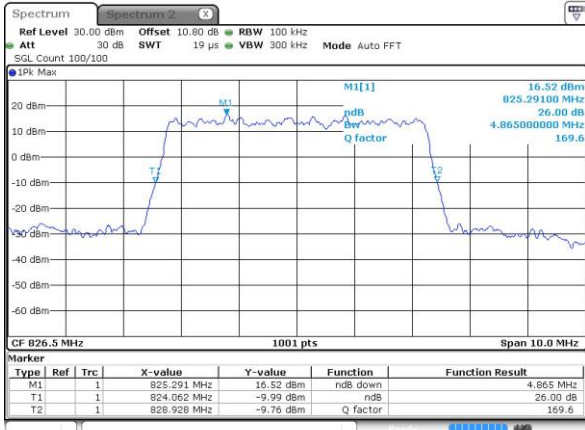


Date: 19.OCT.2018 22:57:30



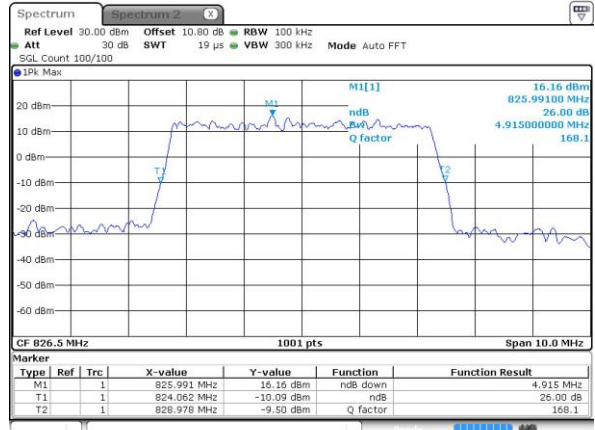
LTE Band 26

Lowest Channel / 5MHz / QPSK



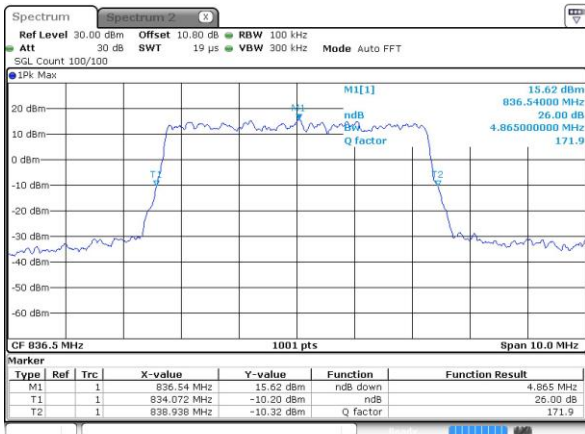
Date: 19.OCT.2018 23:04:28

Lowest Channel / 5MHz / 16QAM



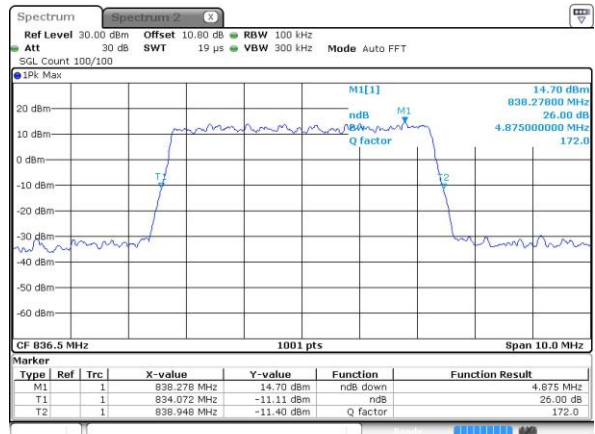
Date: 19.OCT.2018 23:04:17

Middle Channel / 5MHz / QPSK



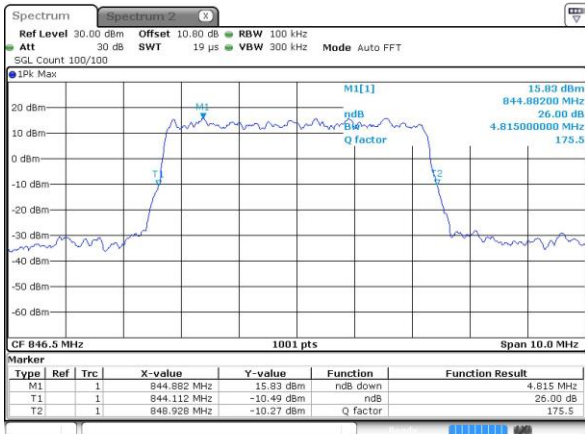
Date: 19.OCT.2018 23:11:14

Middle Channel / 5MHz / 16QAM



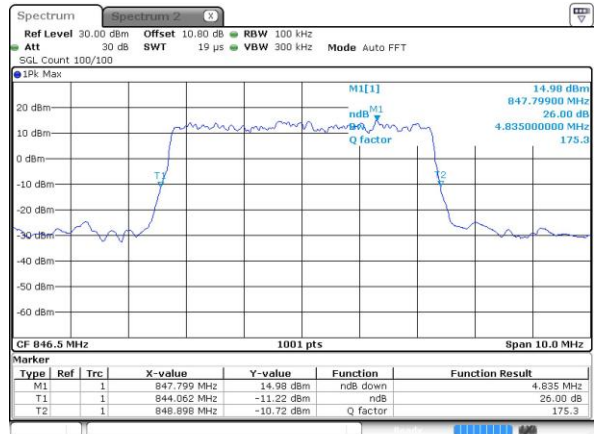
Date: 19.OCT.2018 23:11:03

Highest Channel / 5MHz / QPSK



Date: 19.OCT.2018 23:13:20

Highest Channel / 5MHz / 16QAM

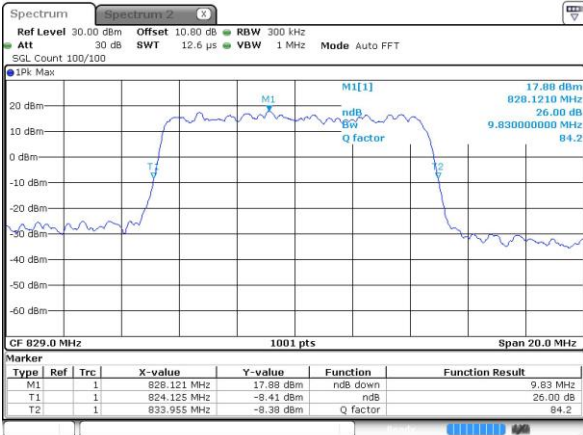


Date: 19.OCT.2018 23:13:09



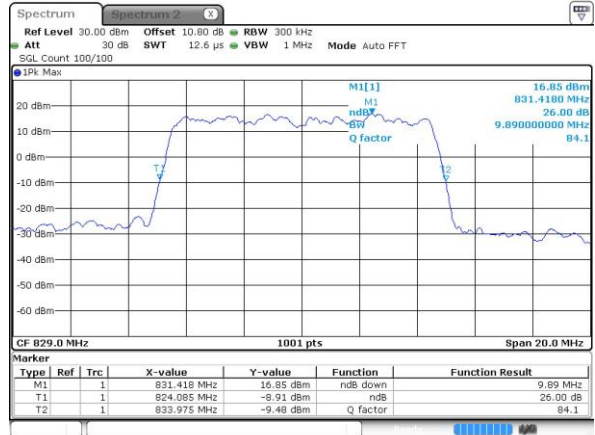
LTE Band 26

Lowest Channel / 10MHz / QPSK



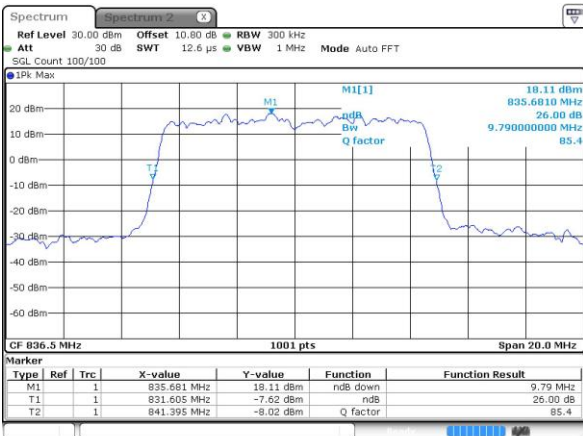
Date: 19.OCT.2018 23.20.06

Lowest Channel / 10MHz / 16QAM



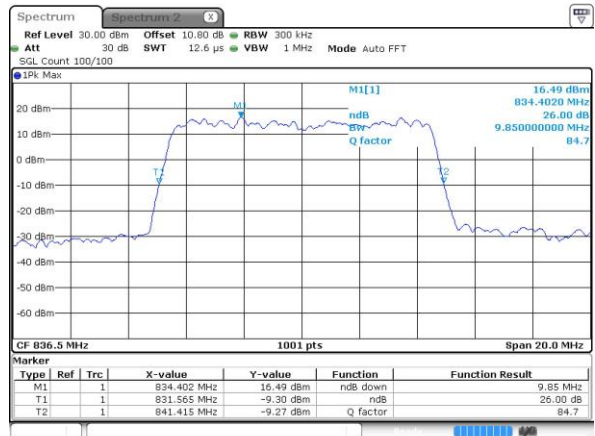
Date: 19.OCT.2018 23.19.54

Middle Channel / 10MHz / QPSK



Date: 19.OCT.2018 23.26.52

Middle Channel / 10MHz / 16QAM



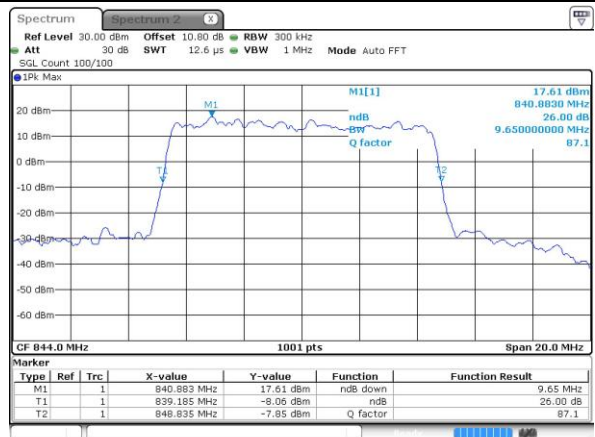
Date: 19.OCT.2018 23.26.41

Highest Channel / 10MHz / QPSK



Date: 19.OCT.2018 23.28.58

Highest Channel / 10MHz / 16QAM

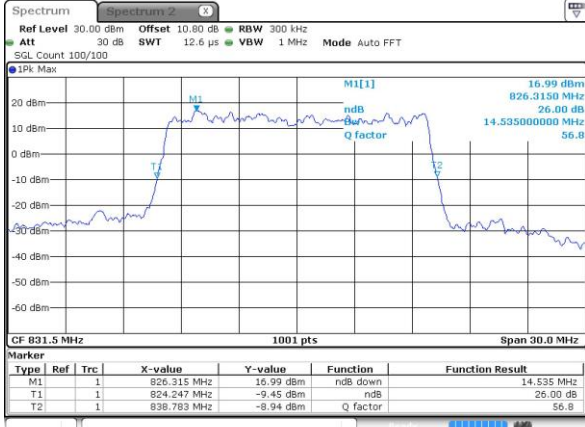


Date: 19.OCT.2018 23.28.47



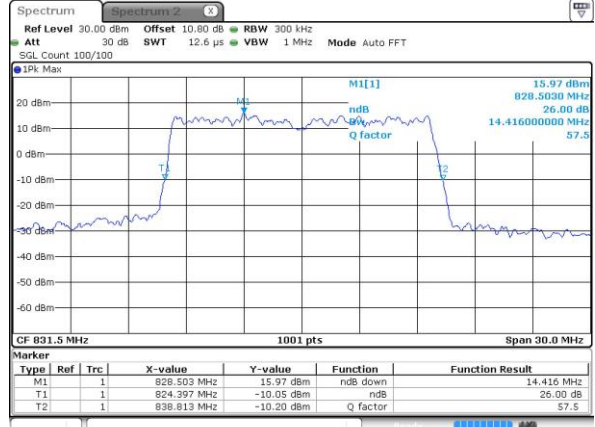
LTE Band 26

Lowest Channel / 15MHz / QPSK



Date: 29 OCT 2018 14:13:12

Lowest Channel / 15MHz / 16QAM



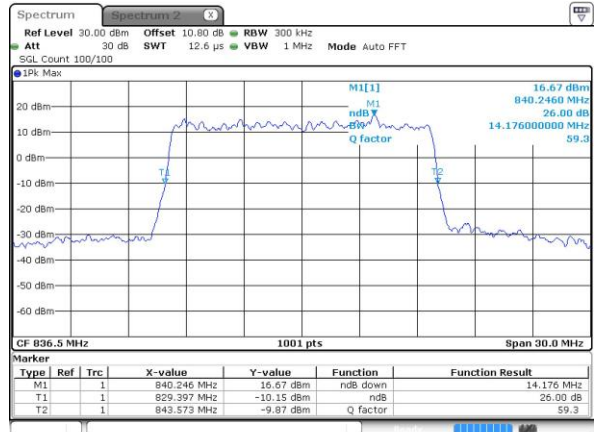
Date: 29 OCT 2018 14:13:01

Middle Channel / 15MHz / QPSK



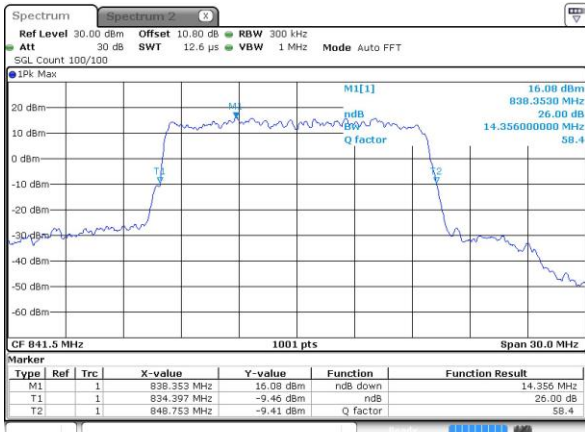
Date: 29 OCT 2018 14:19:19

Middle Channel / 15MHz / 16QAM



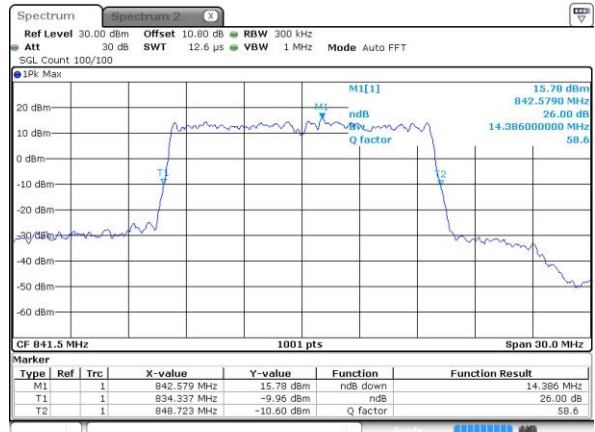
Date: 29 OCT 2018 14:19:08

Highest Channel / 15MHz / QPSK



Date: 29 OCT 2018 14:21:25

Highest Channel / 15MHz / 16QAM

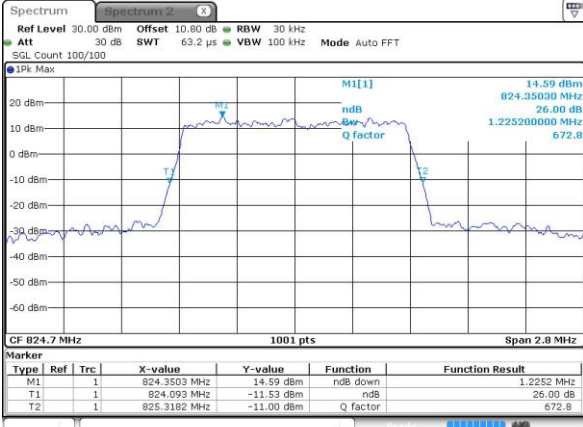


Date: 29 OCT 2018 14:21:14



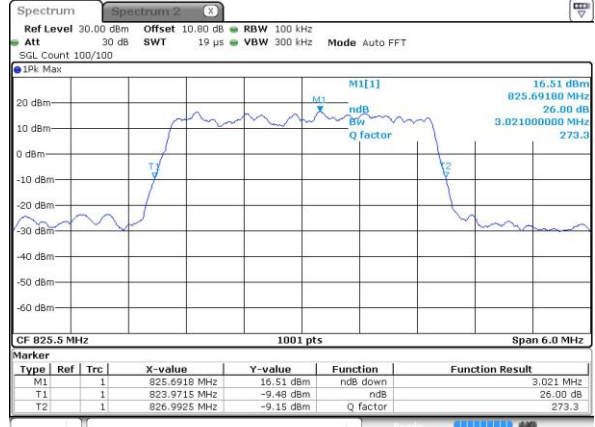
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



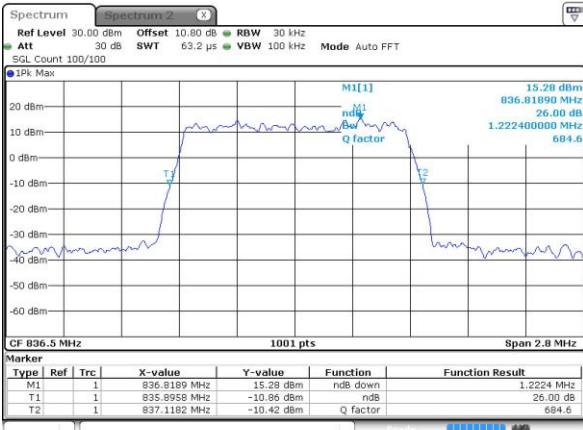
Date: 19.OCT.2018 22:08:13

Lowest Channel / 3MHz / 64QAM



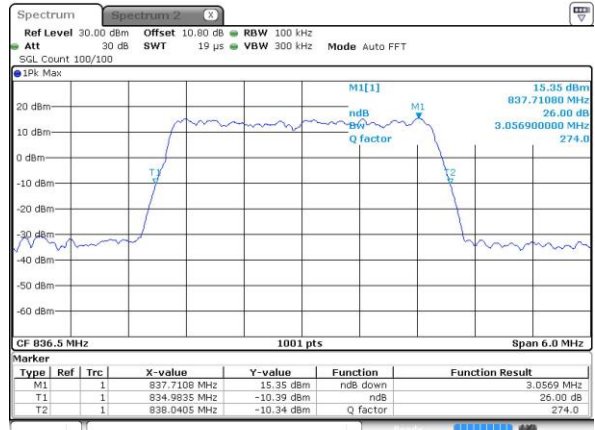
Date: 19.OCT.2018 22:16:56

Middle Channel / 1.4MHz / 64QAM



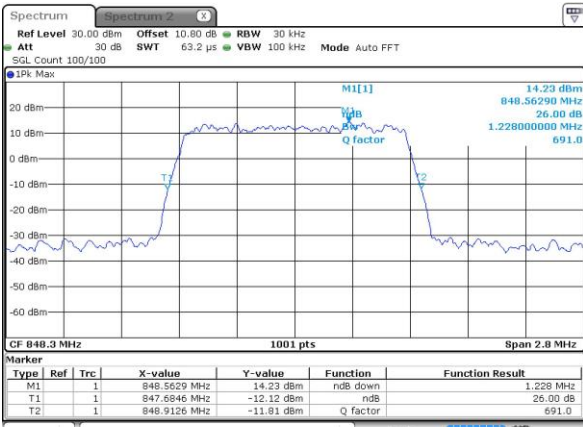
Date: 19.OCT.2018 22:11:59

Middle Channel / 3MHz / 64QAM



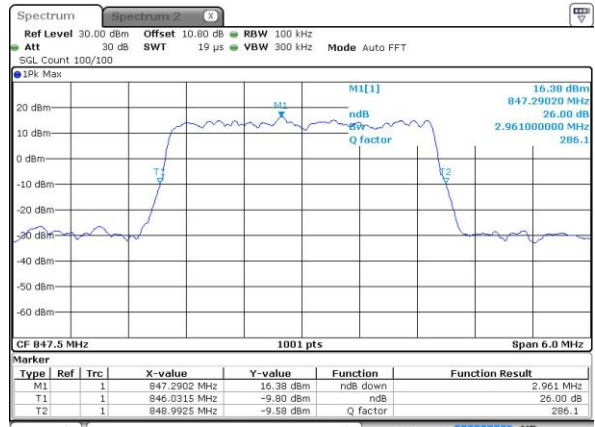
Date: 19.OCT.2018 22:20:19

Highest Channel / 1.4MHz / 64QAM



Date: 19.OCT.2018 22:13:04

Highest Channel / 3MHz / 64QAM

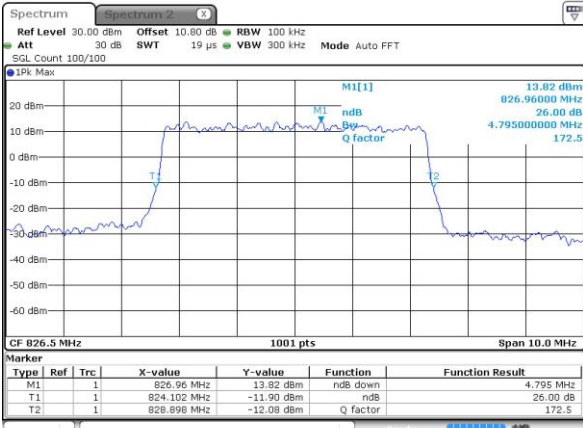


Date: 19.OCT.2018 22:21:24



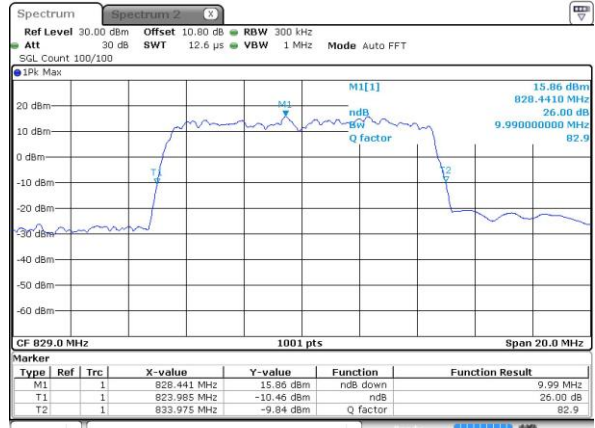
LTE Band 26

Lowest Channel / 5MHz / 64QAM



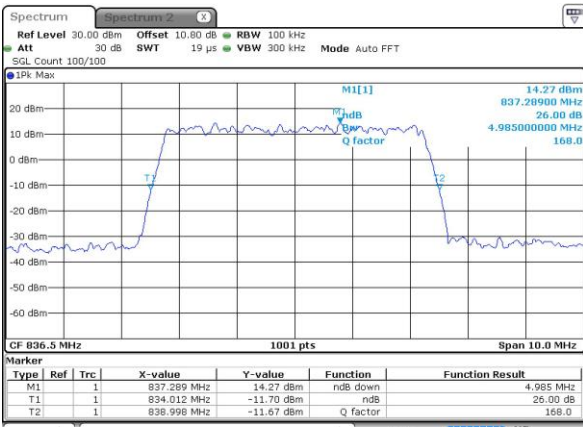
Date: 19.OCT.2018 22:24:50

Lowest Channel / 10MHz / 64QAM



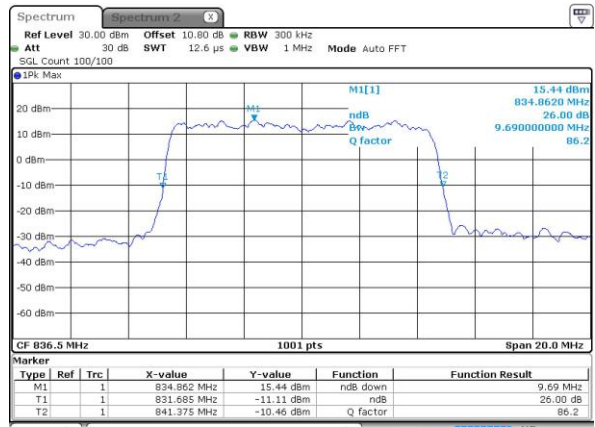
Date: 19.OCT.2018 22:32:42

Middle Channel / 5MHz / 64QAM



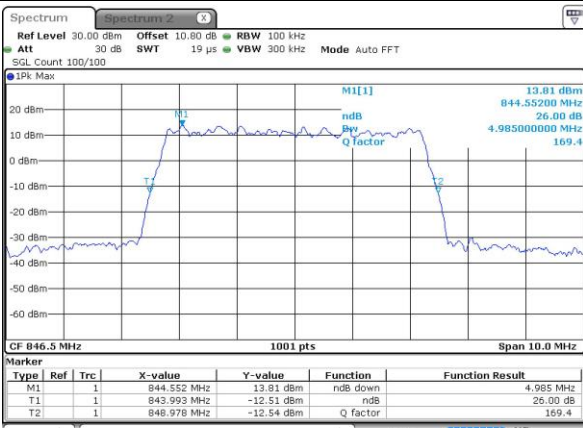
Date: 19.OCT.2018 22:28:14

Middle Channel / 10MHz / 64QAM



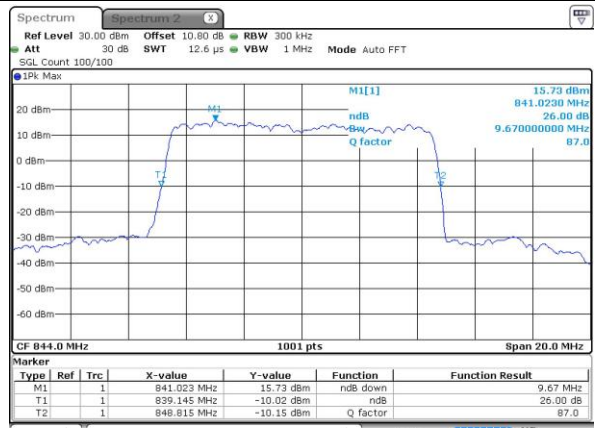
Date: 19.OCT.2018 22:36:08

Highest Channel / 5MHz / 64QAM



Date: 19.OCT.2018 22:29:17

Highest Channel / 10MHz / 64QAM

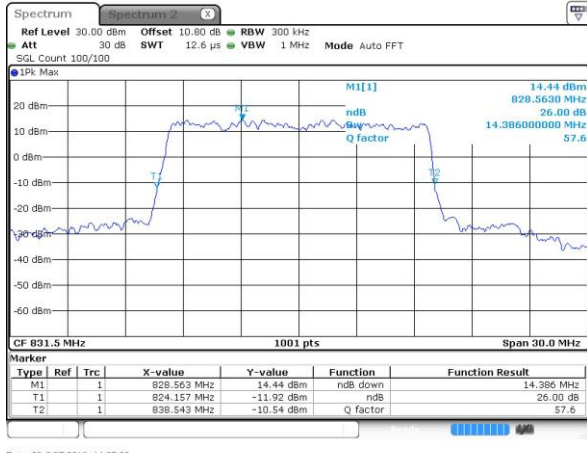


Date: 19.OCT.2018 22:37:13



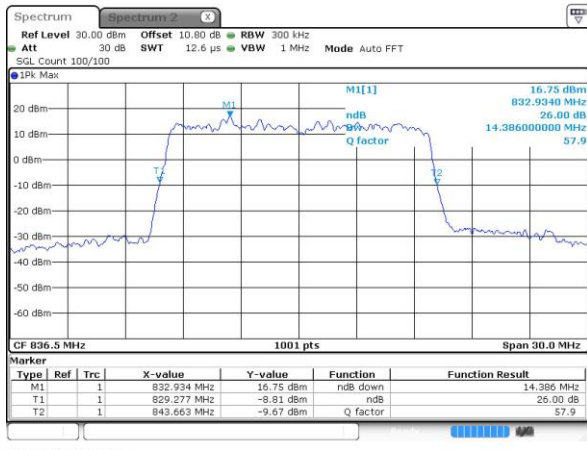
LTE Band 26

Lowest Channel / 15MHz / 64QAM



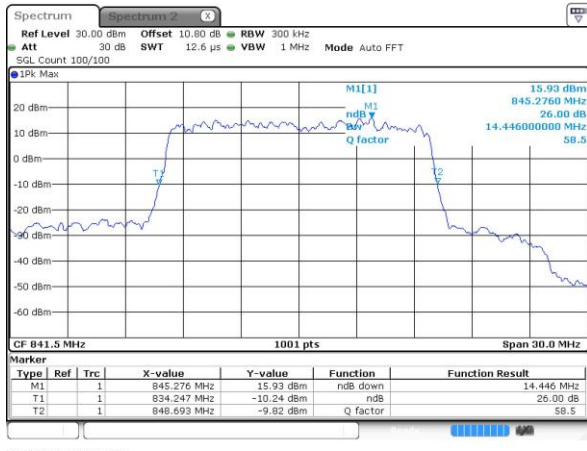
Date: 29.OCT.2018 14:27:09

Middle Channel / 15MHz / 64QAM



Date: 29.OCT.2018 14:30:12

Highest Channel / 15MHz / 64QAM



Date: 29.OCT.2018 14:31:15



Occupied Bandwidth

Mode BW Mod.	LTE Band 26 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.72	2.72	4.48	4.48	9.03	9.01	13.49	13.46	-	-
Middle CH	1.09	1.09	2.72	2.72	4.5	4.49	9.05	9.01	13.43	13.37	-	-
Highest CH	1.08	1.09	2.7	2.72	4.52	4.49	8.95	8.97	13.43	13.43	-	-
Mode BW Mod.	LTE Band 26 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.54	-	9.01	-	13.46	-	-	-
Middle CH	1.09	-	2.73	-	4.52	-	9.07	-	13.46	-	-	-
Highest CH	1.09	-	2.72	-	4.51	-	8.99	-	13.40	-	-	-