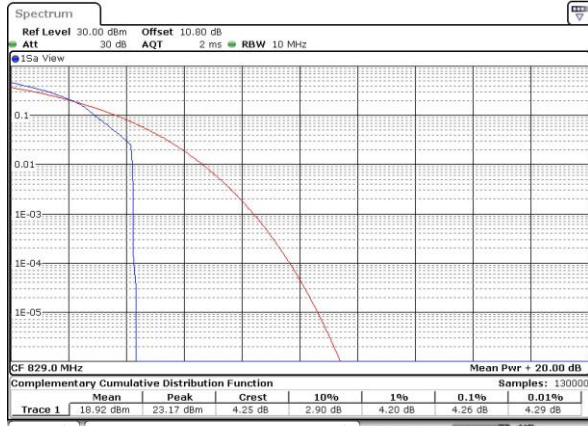
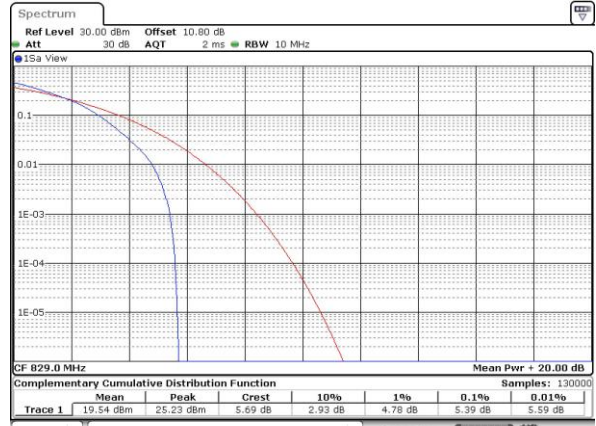
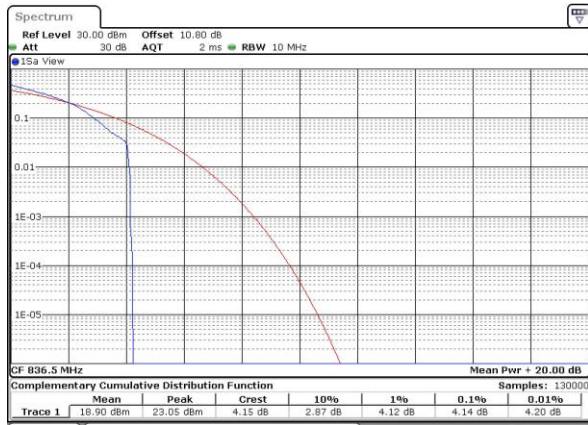


LTE Band 5 / 10MHz / 16QAM
Lowest Channel / 1RB


Date: 15.OCT.2018 09:10:12

Lowest Channel / Full RB


Date: 15.OCT.2018 09:10:21

Middle Channel / 1RB


Date: 15.OCT.2018 09:10:32

Middle Channel / Full RB


Date: 15.OCT.2018 09:10:43

Highest Channel / 1RB

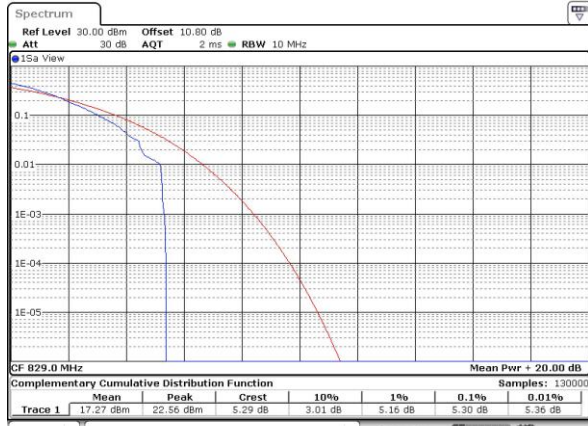

Date: 15.OCT.2018 09:10:55

Highest Channel / Full RB


Date: 15.OCT.2018 09:11:05

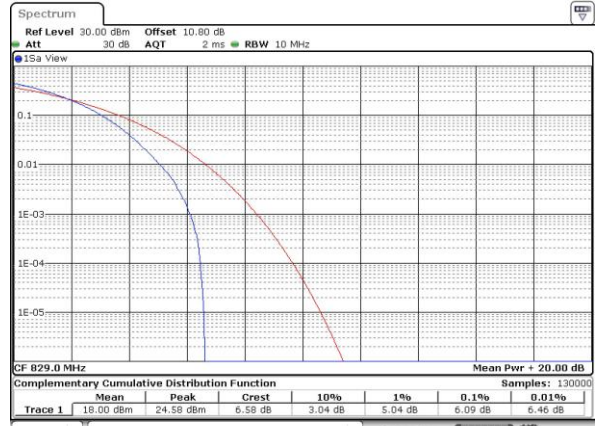
LTE Band 5 / 10MHz / 64QAM

Lowest Channel / 1RB



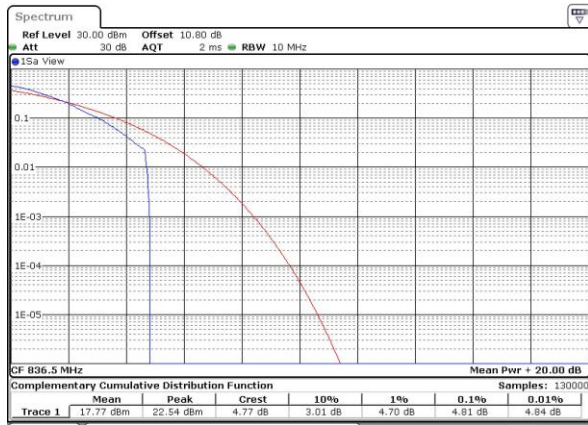
Date: 18.OCT.2018 20:25:19

Lowest Channel / Full RB



Date: 18.OCT.2018 20:25:31

Middle Channel / 1RB



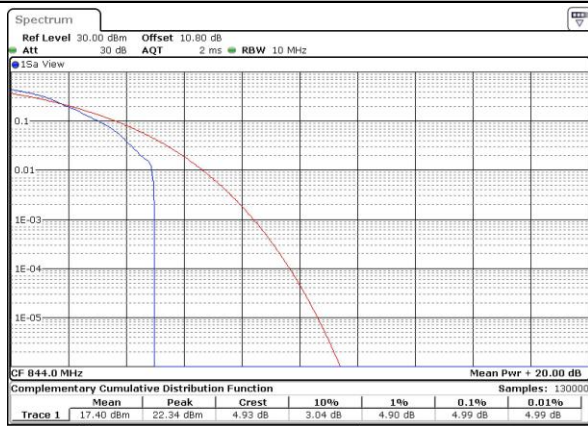
Date: 18.OCT.2018 20:25:43

Middle Channel / Full RB



Date: 18.OCT.2018 20:25:55

Highest Channel / 1RB



Date: 18.OCT.2018 20:26:07

Highest Channel / Full RB



Date: 18.OCT.2018 20:26:18

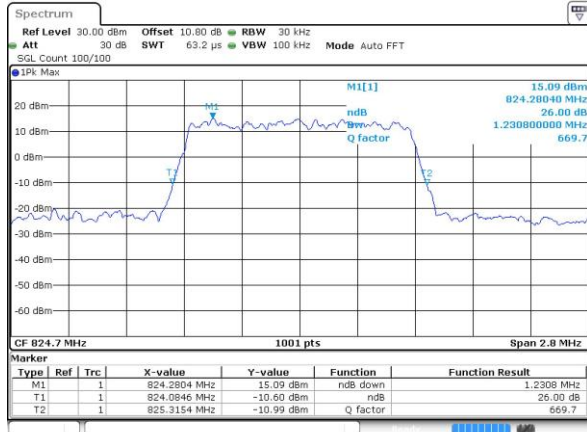
**26dB Bandwidth**

Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.25	3.06	3.06	4.96	4.89	9.79	9.75	-	-	-	-
Middle CH	1.24	1.22	3.06	3.05	4.94	4.85	9.77	9.73	-	-	-	-
Highest CH	1.23	1.23	3.08	3.05	4.86	4.93	9.85	9.73	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.02	-	4.93	-	9.79	-	-	-	-	-
Middle CH	1.22	-	3.00	-	4.87	-	9.67	-	-	-	-	-
Highest CH	1.22	-	3.02	-	4.91	-	9.71	-	-	-	-	-

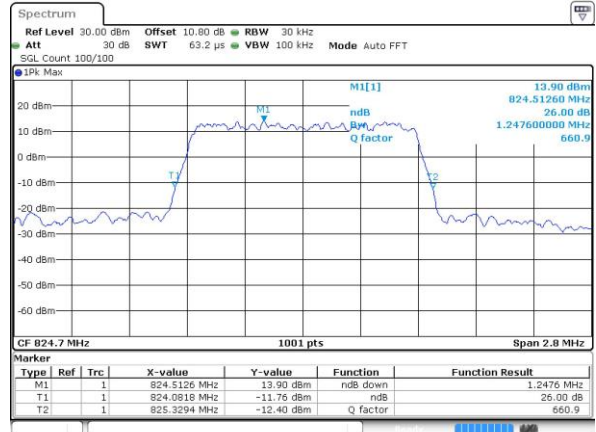


LTE Band 5

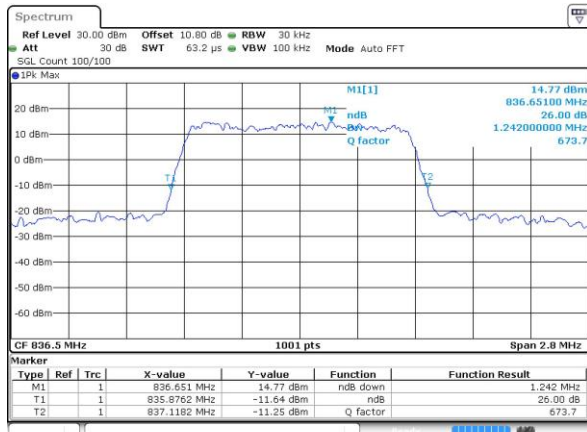
Lowest Channel / 1.4MHz / QPSK



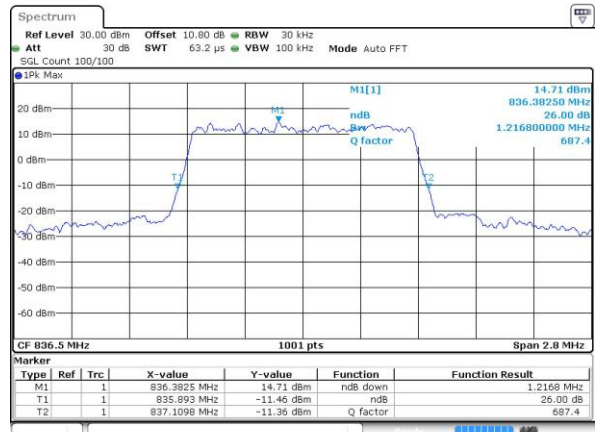
Lowest Channel / 1.4MHz / 16QAM



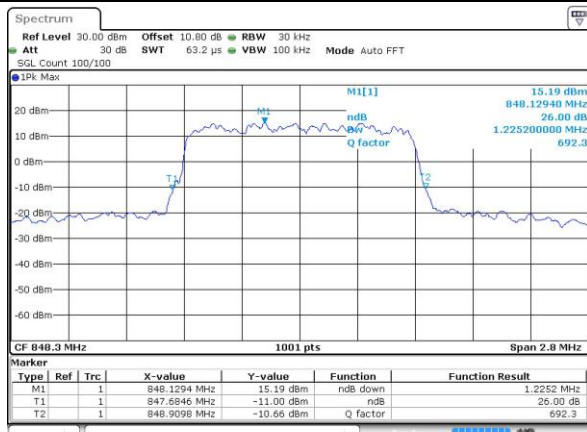
Middle Channel / 1.4MHz / QPSK



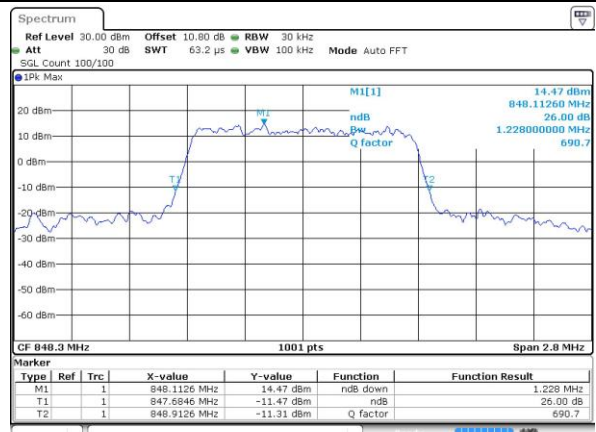
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



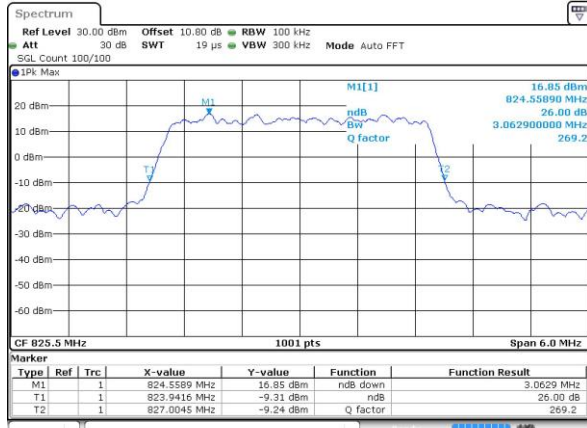
Highest Channel / 1.4MHz / 16QAM





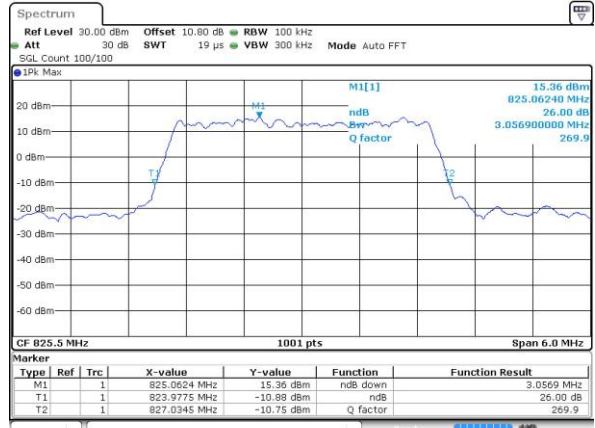
LTE Band 5

Lowest Channel / 3MHz / QPSK



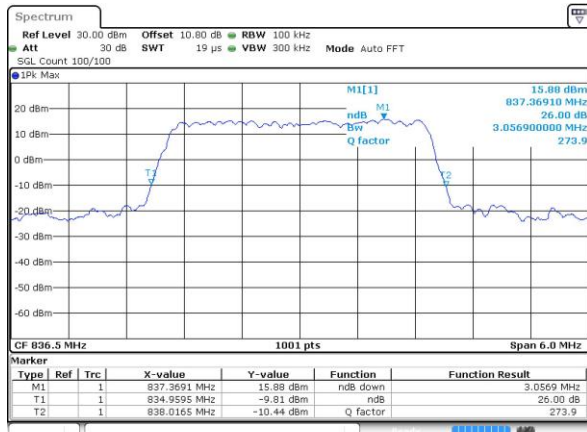
Date: 14.OCT.2018 20:51:39

Lowest Channel / 3MHz / 16QAM



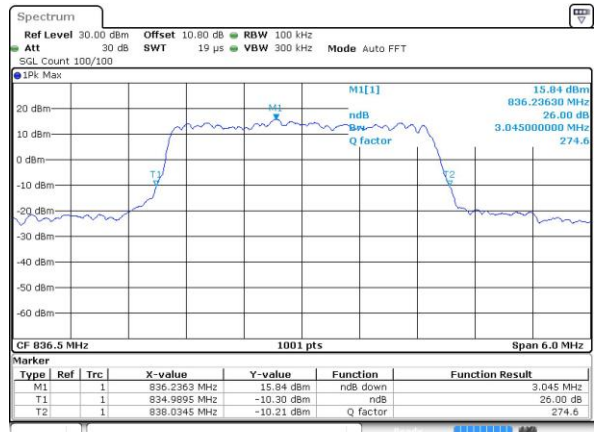
Date: 14.OCT.2018 20:51:51

Middle Channel / 3MHz / QPSK



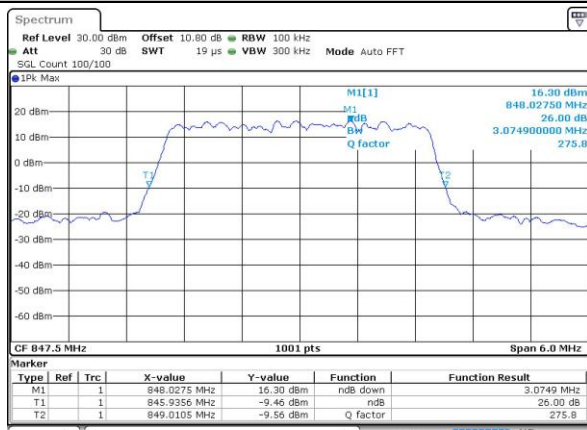
Date: 14.OCT.2018 21:00:45

Middle Channel / 3MHz / 16QAM



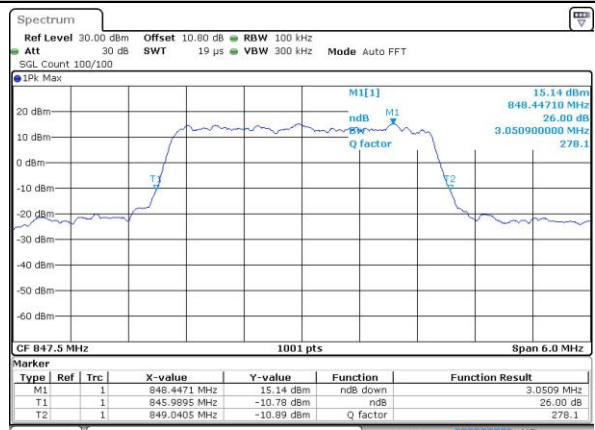
Date: 14.OCT.2018 21:00:57

Highest Channel / 3MHz / QPSK



Date: 14.OCT.2018 21:15:02

Highest Channel / 3MHz / 16QAM

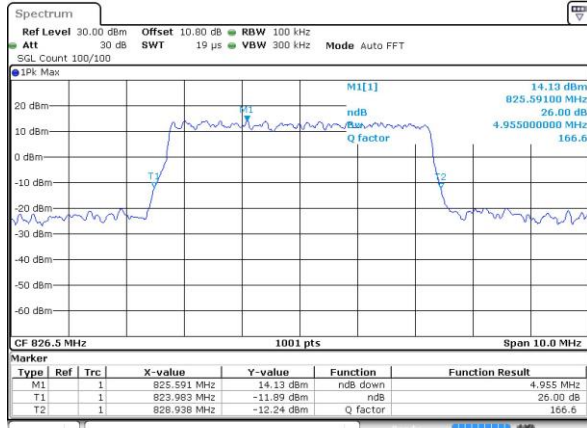


Date: 14.OCT.2018 21:15:13

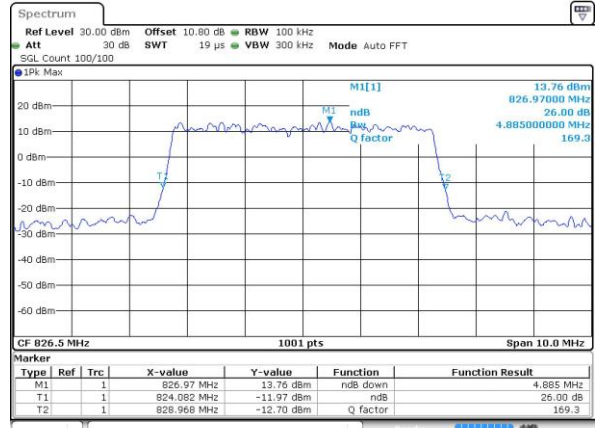


LTE Band 5

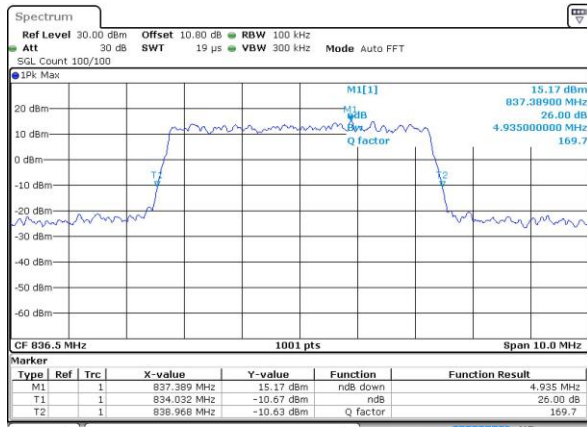
Lowest Channel / 5MHz / QPSK



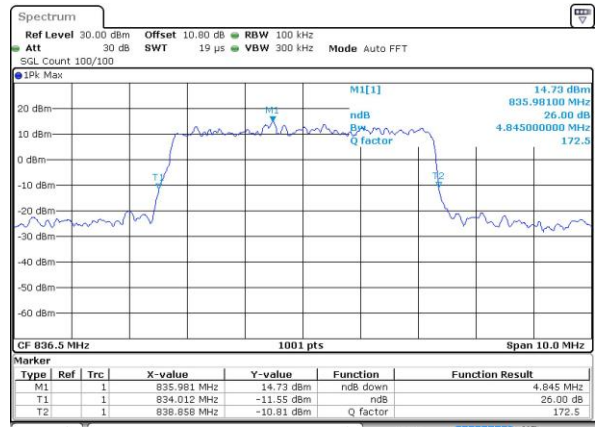
Lowest Channel / 5MHz / 16QAM



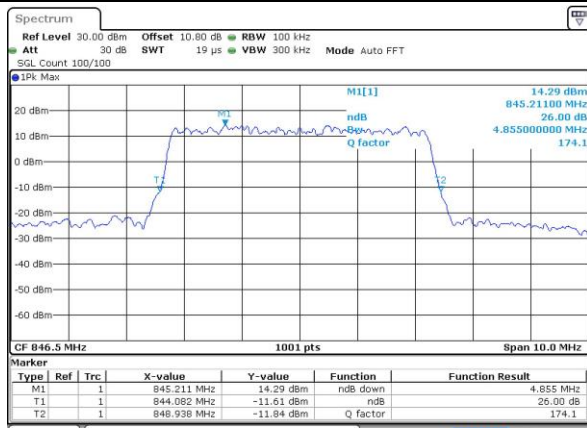
Middle Channel / 5MHz / QPSK



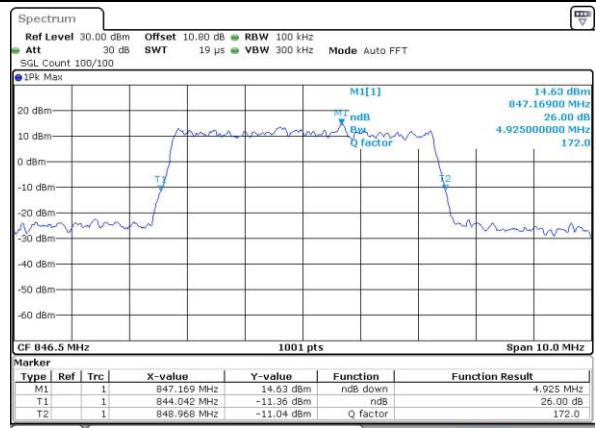
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



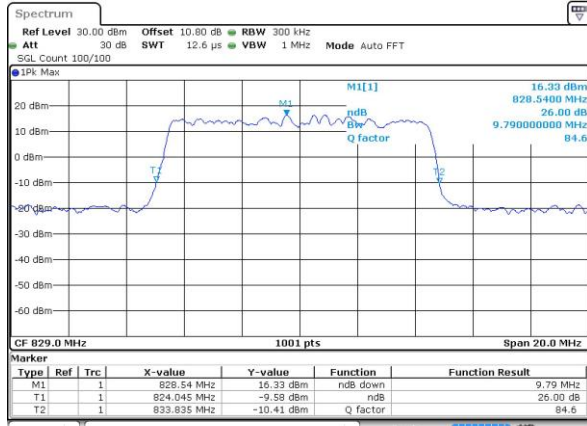
Highest Channel / 5MHz / 16QAM





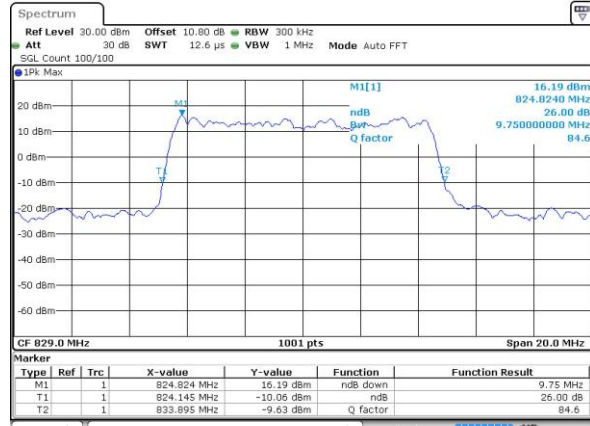
LTE Band 5

Lowest Channel / 10MHz / QPSK



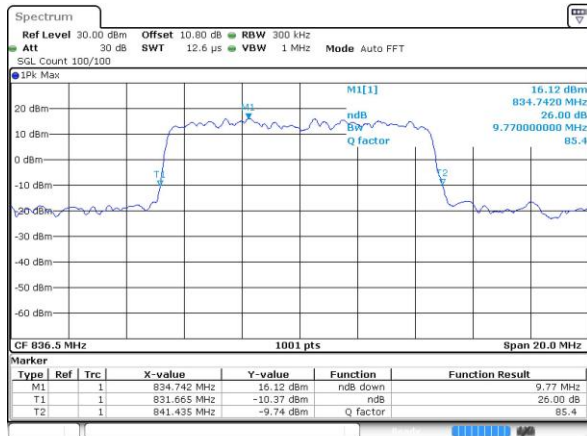
Date: 14.OCT.2018 21:42:47

Lowest Channel / 10MHz / 16QAM



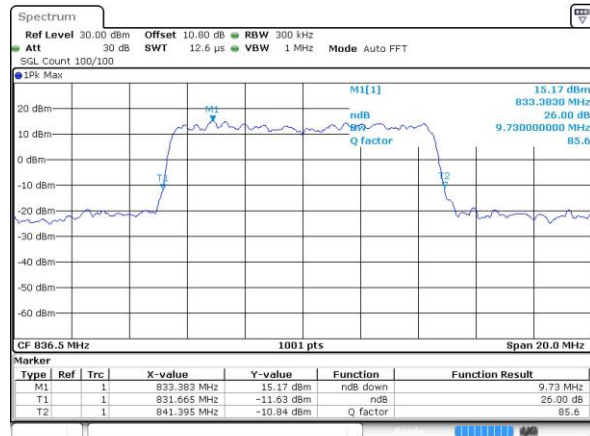
Date: 14.OCT.2018 21:42:59

Middle Channel / 10MHz / QPSK



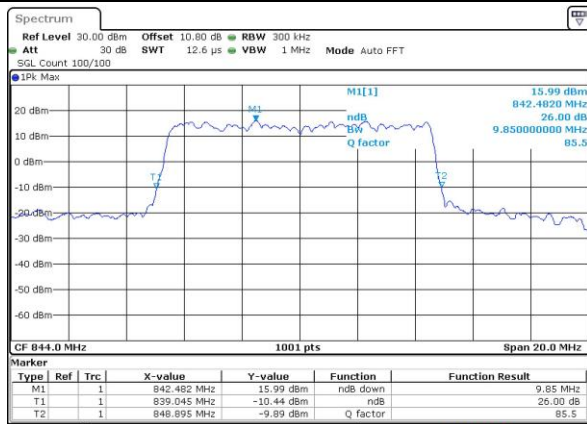
Date: 14.OCT.2018 21:51:24

Middle Channel / 10MHz / 16QAM



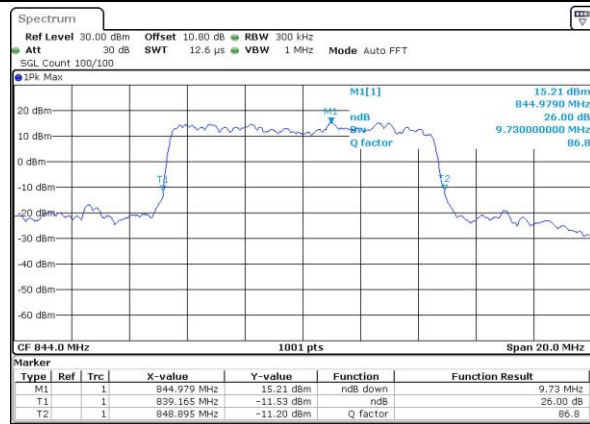
Date: 14.OCT.2018 21:51:35

Highest Channel / 10MHz / QPSK



Date: 14.OCT.2018 21:53:20

Highest Channel / 10MHz / 16QAM

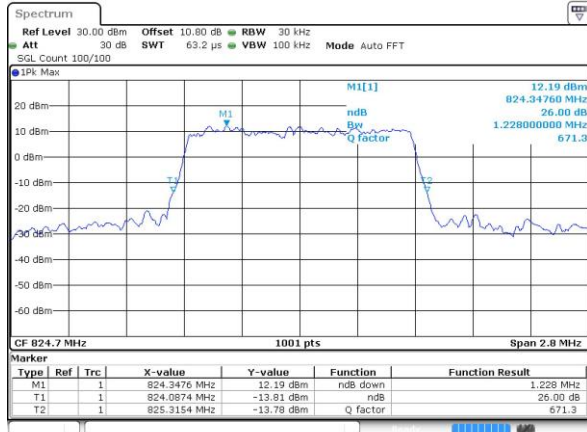


Date: 14.OCT.2018 21:53:31



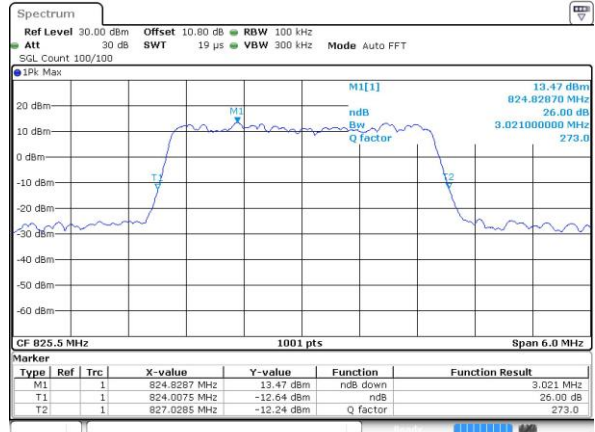
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



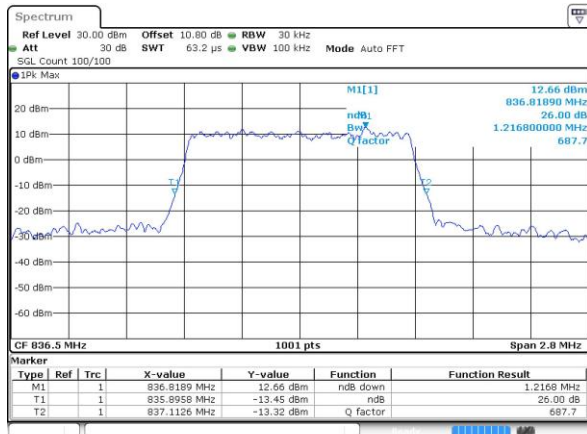
Date: 18.OCT.2018 20:15:32

Lowest Channel / 3MHz / 64QAM



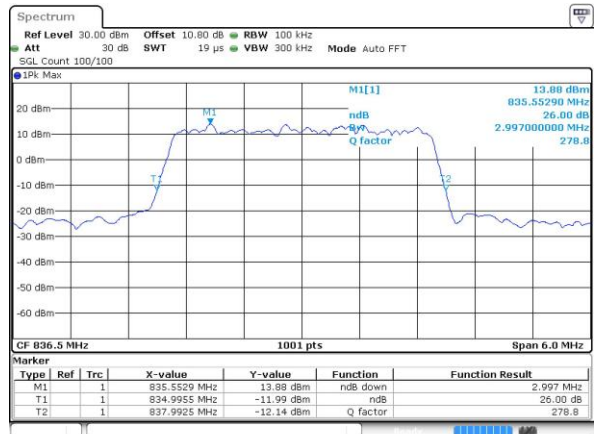
Date: 18.OCT.2018 19:39:52

Middle Channel / 1.4MHz / 64QAM



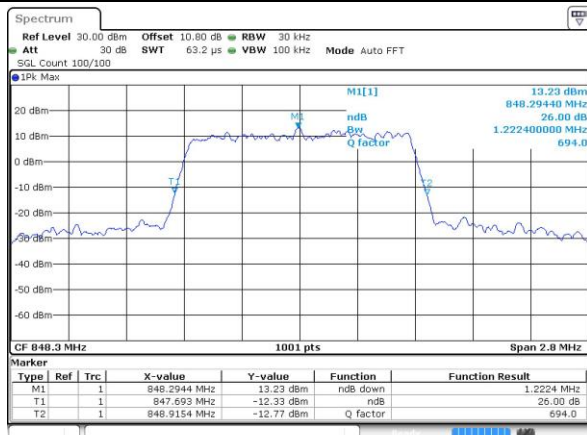
Date: 18.OCT.2018 20:19:55

Middle Channel / 3MHz / 64QAM



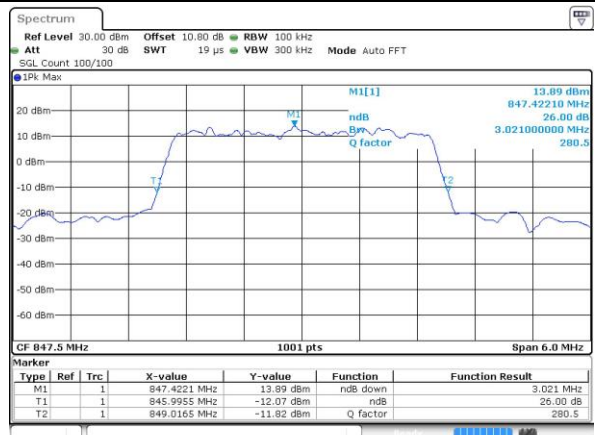
Date: 18.OCT.2018 19:44:16

Highest Channel / 1.4MHz / 64QAM



Date: 18.OCT.2018 20:20:58

Highest Channel / 3MHz / 64QAM

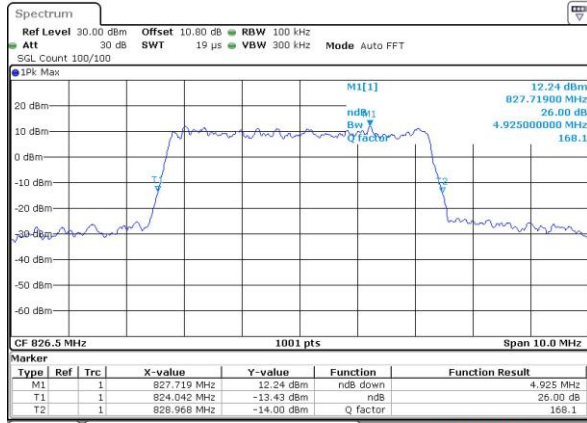


Date: 18.OCT.2018 19:45:19



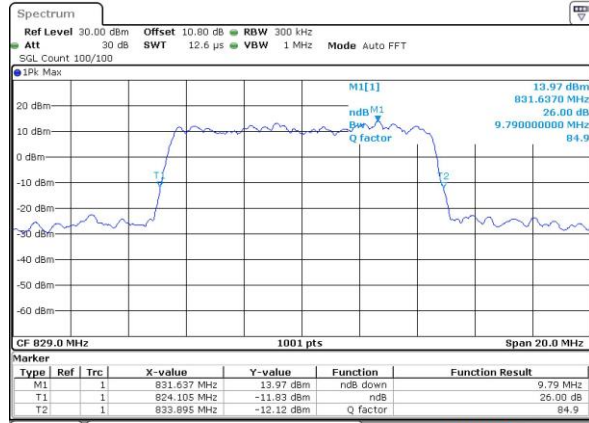
LTE Band 5

Lowest Channel / 5MHz / 64QAM



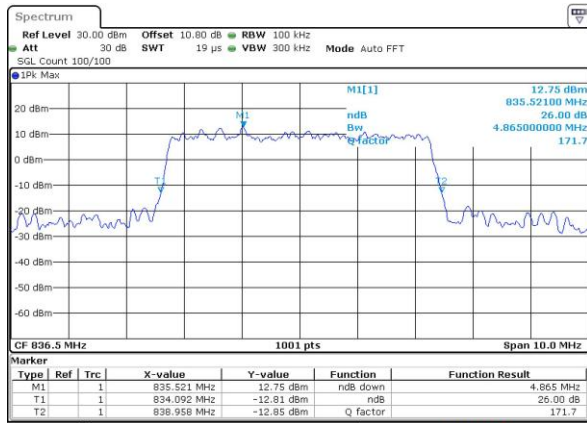
Date: 18.OCT.2018 19:48:42

Lowest Channel / 10MHz / 64QAM



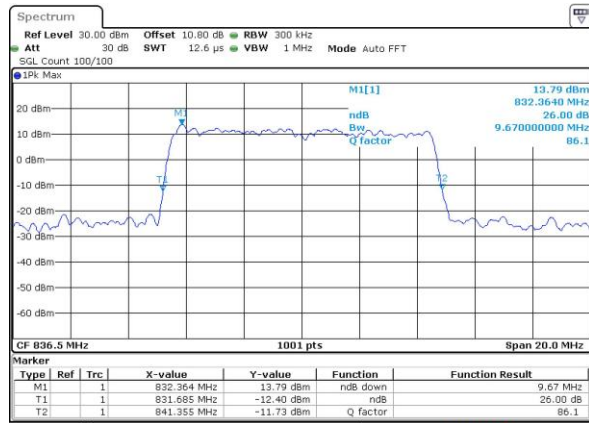
Date: 18.OCT.2018 19:59:32

Middle Channel / 5MHz / 64QAM



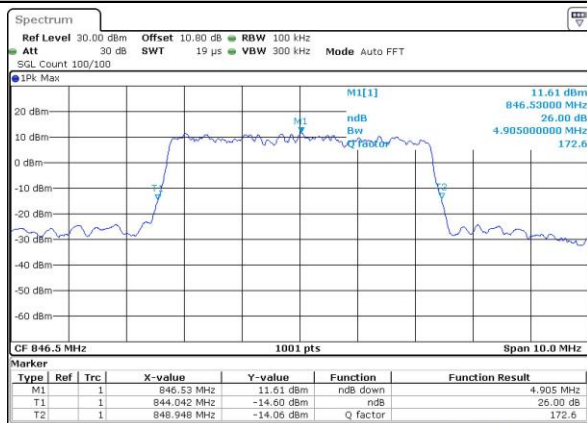
Date: 18.OCT.2018 19:54:06

Middle Channel / 10MHz / 64QAM



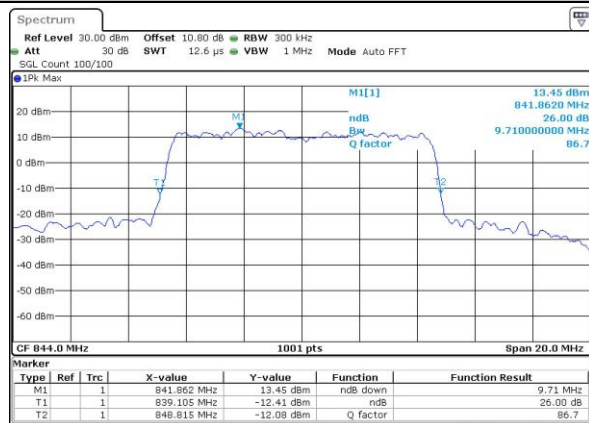
Date: 18.OCT.2018 20:03:56

Highest Channel / 5MHz / 64QAM



Date: 18.OCT.2018 19:55:09

Highest Channel / 10MHz / 64QAM



Date: 18.OCT.2018 20:04:59

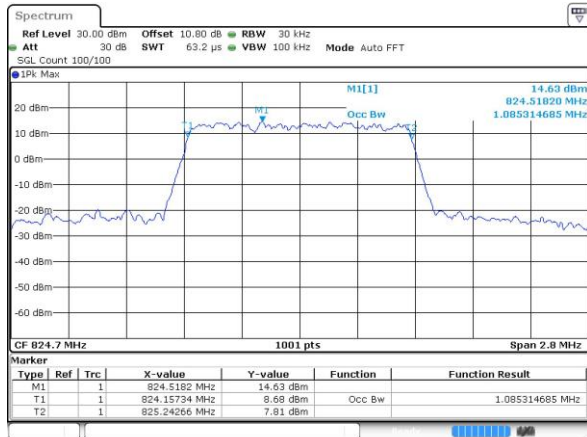
**Occupied Bandwidth**

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.71	2.71	4.5	4.51	9.03	9.05	-	-	-	-
Middle CH	1.09	1.1	2.72	2.72	4.49	4.49	9.05	9.05	-	-	-	-
Highest CH	1.09	1.09	2.72	2.71	4.5	4.47	8.97	8.99	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.70	-	4.50	-	8.99	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.48	-	9.03	-	-	-	-	-
Highest CH	1.09	-	2.75	-	4.49	-	9.05	-	-	-	-	-

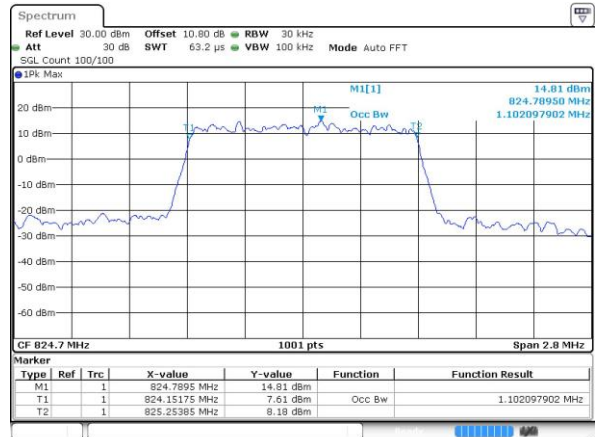


LTE Band 5

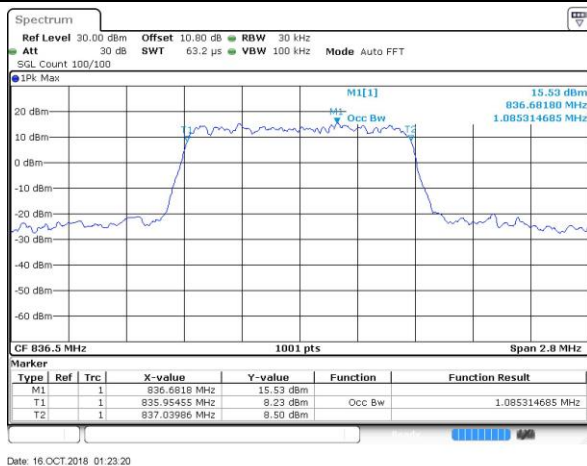
Lowest Channel / 1.4MHz / QPSK



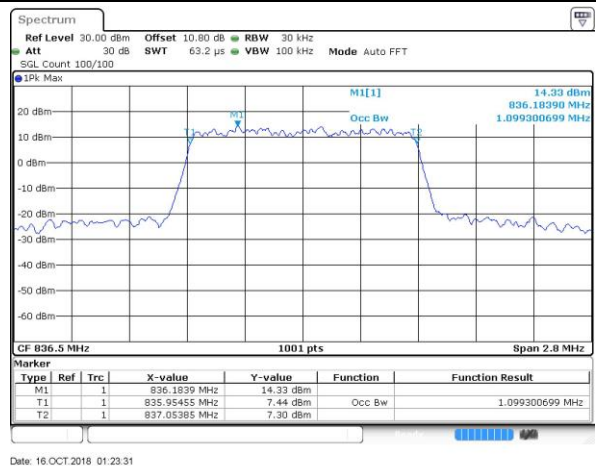
Lowest Channel / 1.4MHz / 16QAM



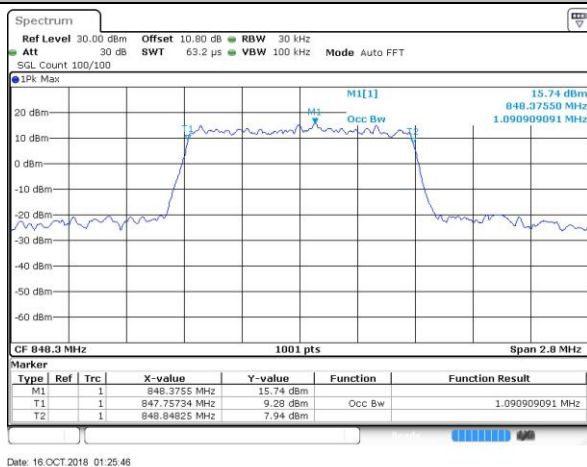
Middle Channel / 1.4MHz / QPSK



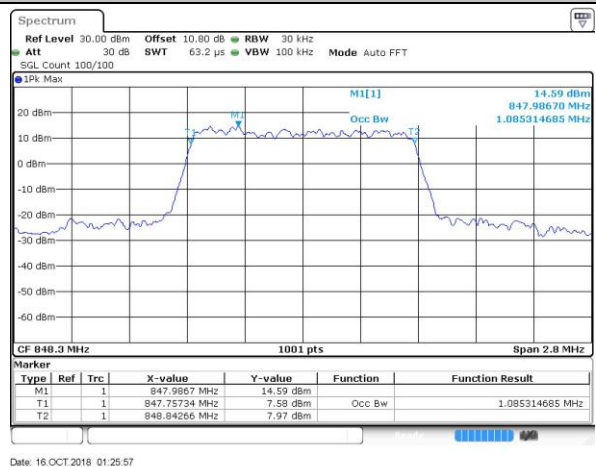
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



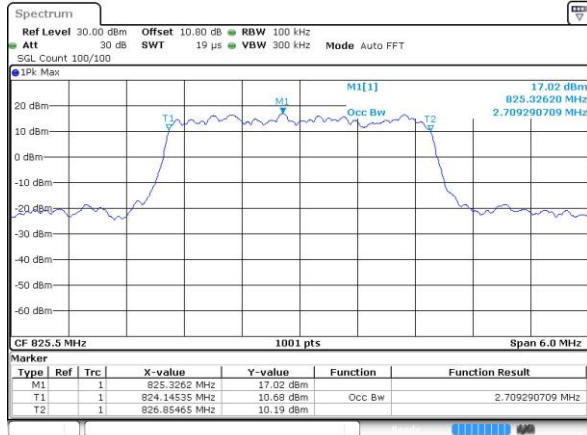
Highest Channel / 1.4MHz / 16QAM





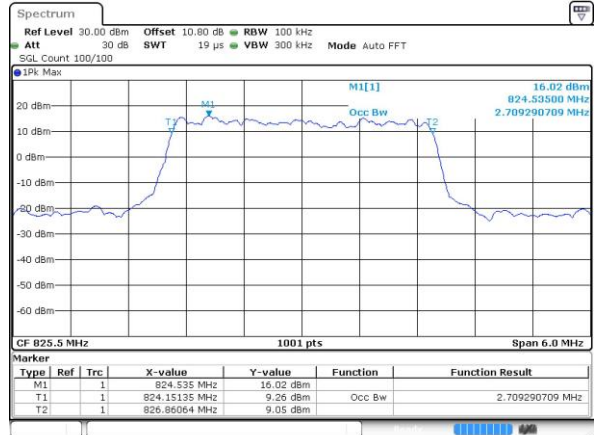
LTE Band 5

Lowest Channel / 3MHz / QPSK



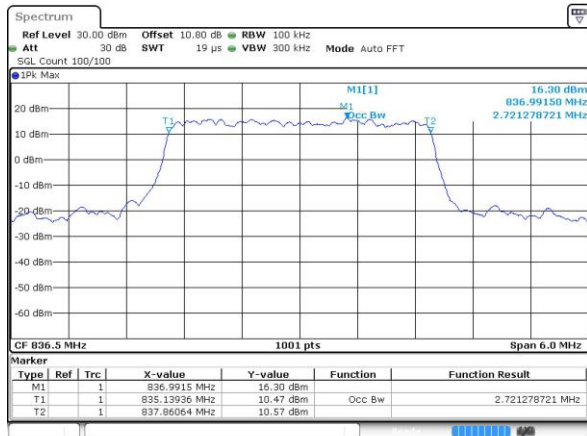
Date: 14.OCT.2018 20:51:16

Lowest Channel / 3MHz / 16QAM



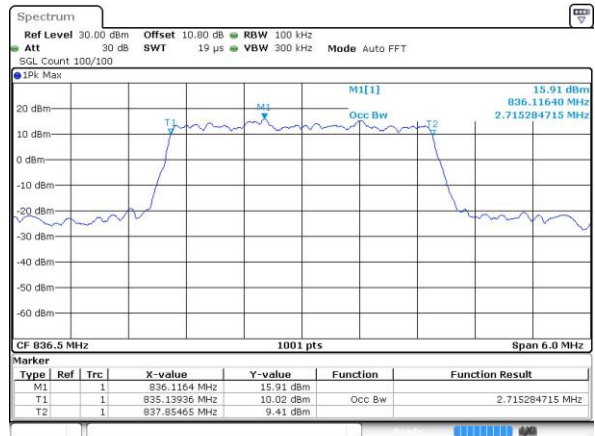
Date: 14.OCT.2018 20:51:28

Middle Channel / 3MHz / QPSK



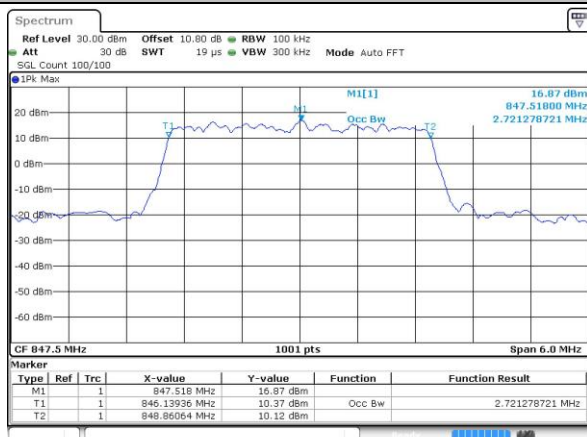
Date: 14.OCT.2018 21:00:23

Middle Channel / 3MHz / 16QAM



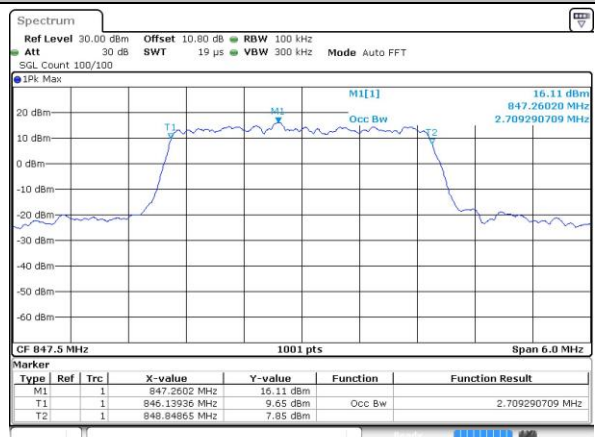
Date: 15.OCT.2018 09:19:25

Highest Channel / 3MHz / QPSK



Date: 14.OCT.2018 21:14:39

Highest Channel / 3MHz / 16QAM

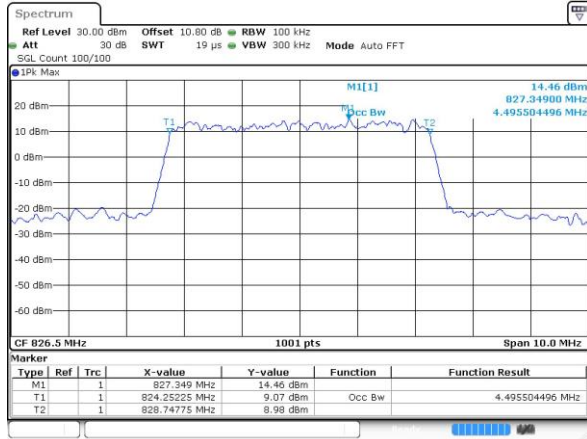


Date: 14.OCT.2018 21:14:50

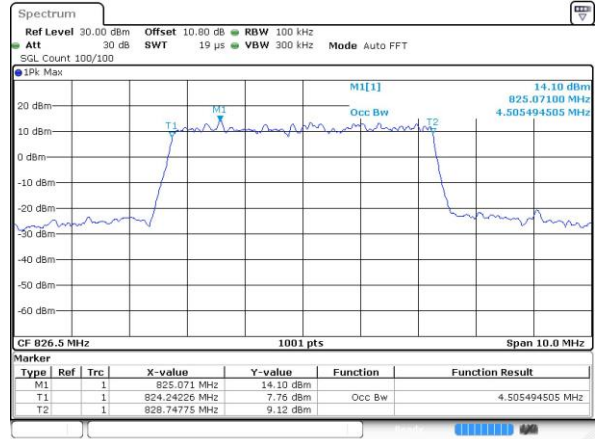


LTE Band 5

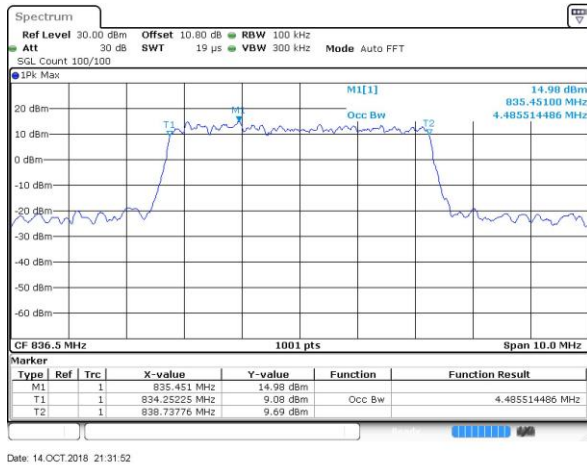
Lowest Channel / 5MHz / QPSK



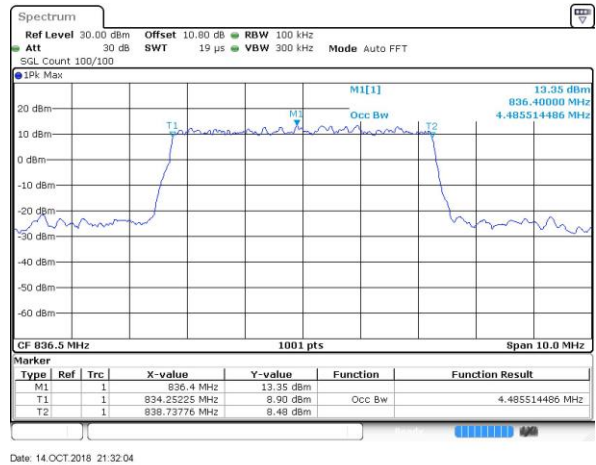
Lowest Channel / 5MHz / 16QAM



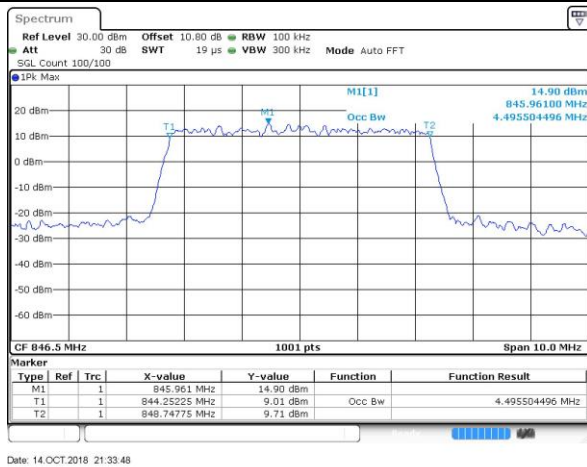
Middle Channel / 5MHz / QPSK



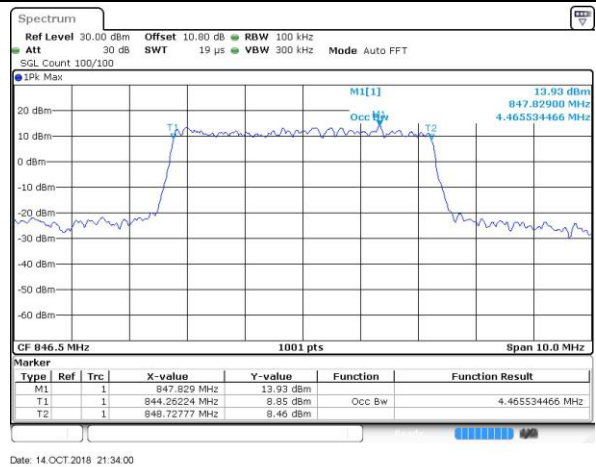
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



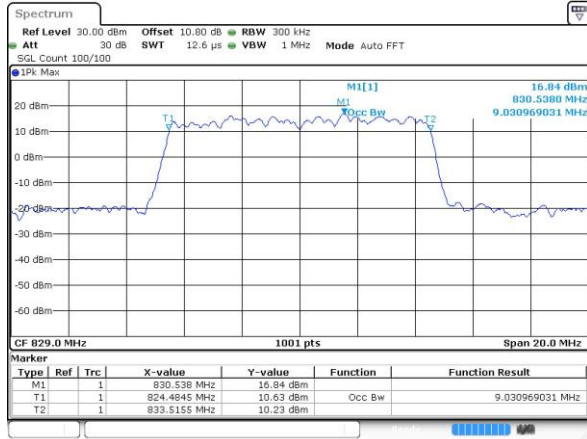
Highest Channel / 5MHz / 16QAM



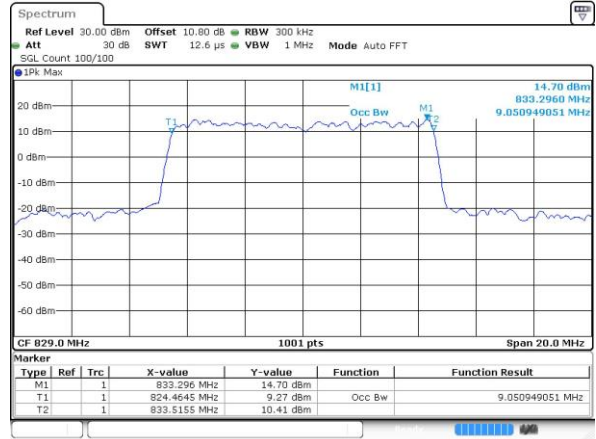


LTE Band 5

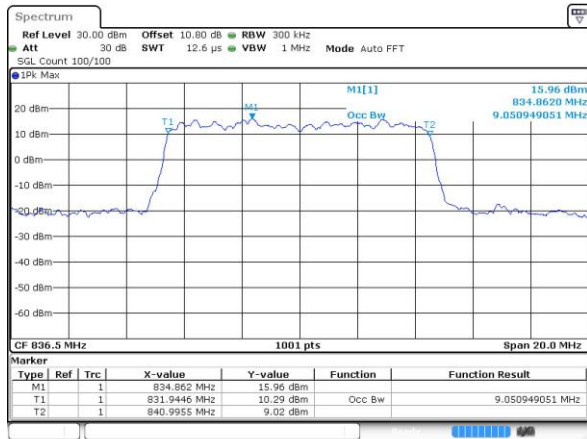
Lowest Channel / 10MHz / QPSK



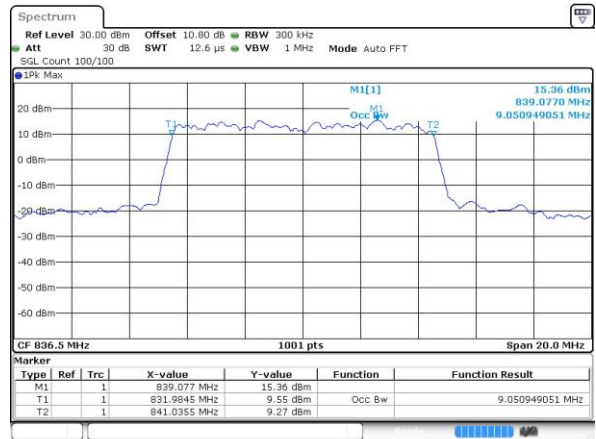
Lowest Channel / 10MHz / 16QAM



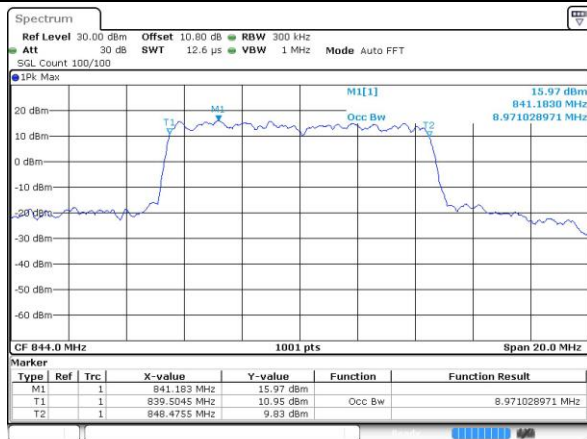
Middle Channel / 10MHz / QPSK



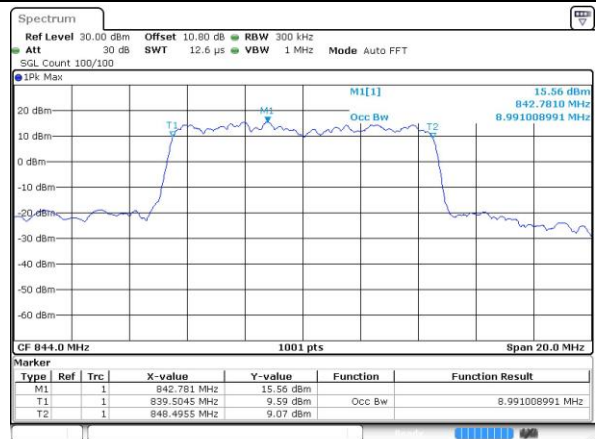
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



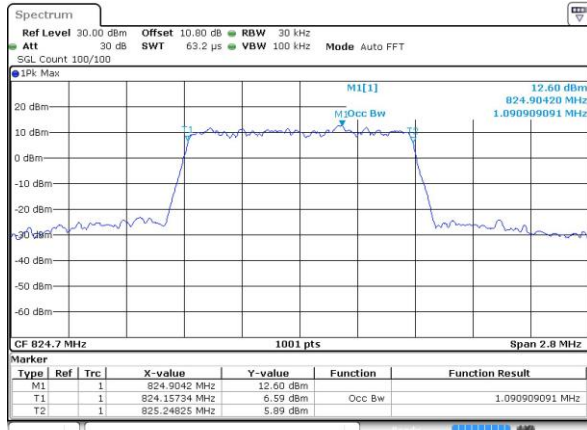
Highest Channel / 10MHz / 16QAM



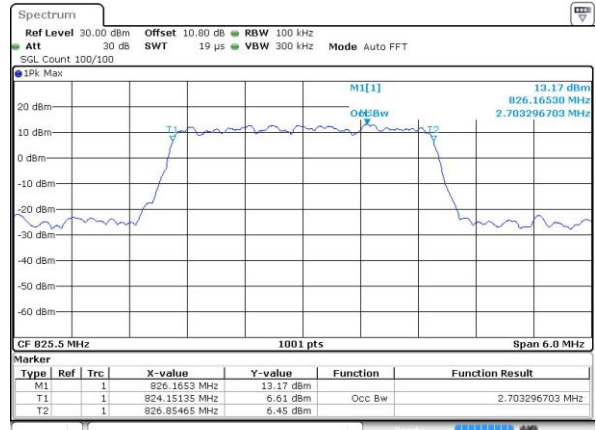


LTE Band 5

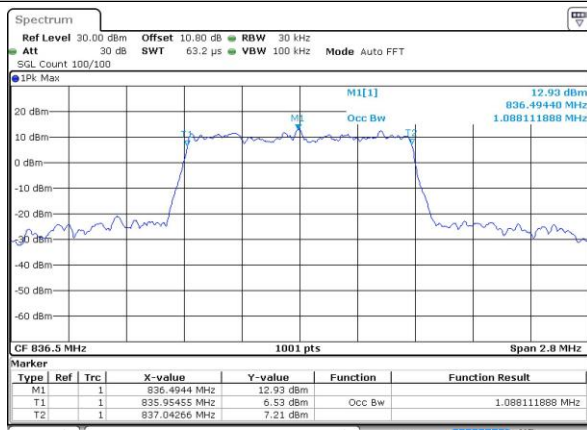
Lowest Channel / 1.4MHz / 64QAM



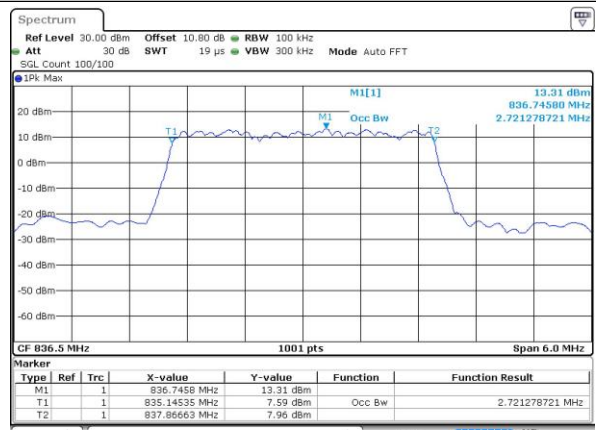
Lowest Channel / 3MHz / 64QAM



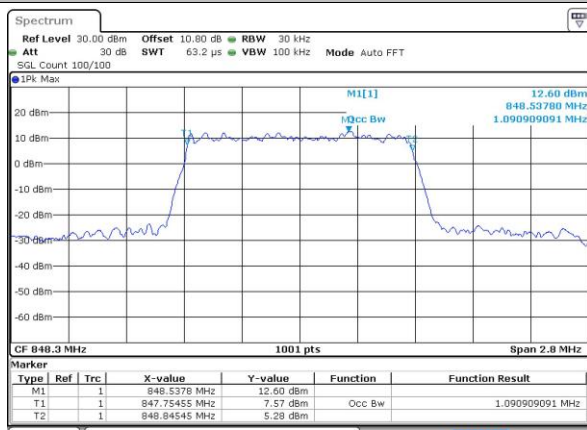
Middle Channel / 1.4MHz / 64QAM



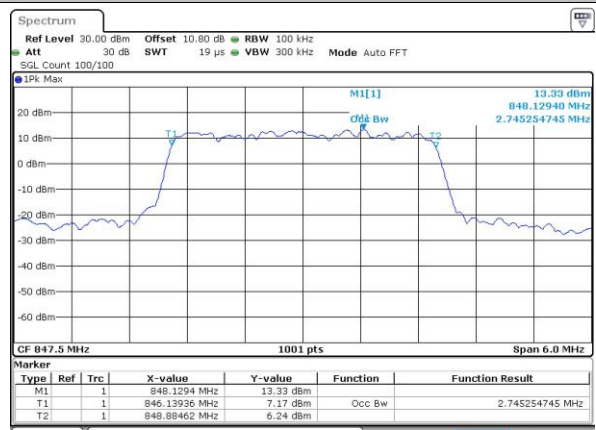
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



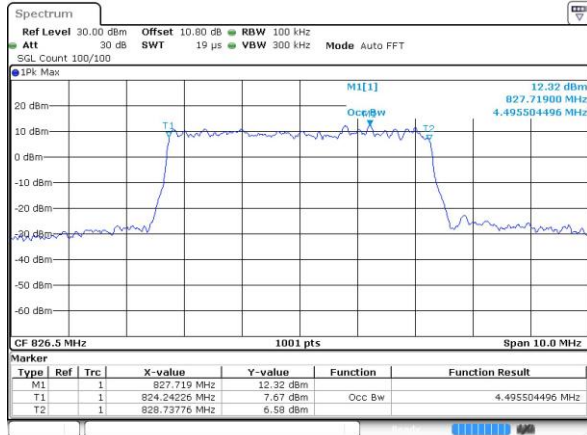
Highest Channel / 3MHz / 64QAM



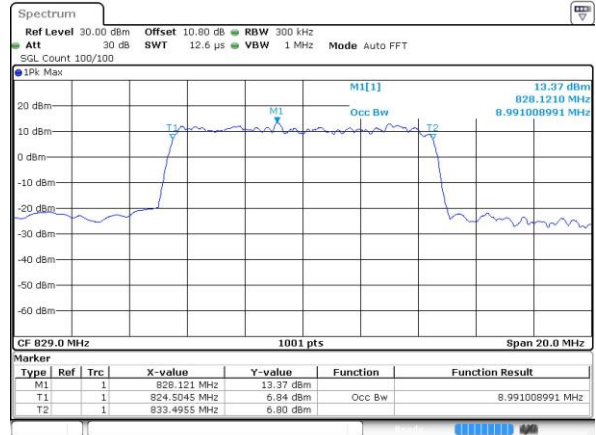


LTE Band 5

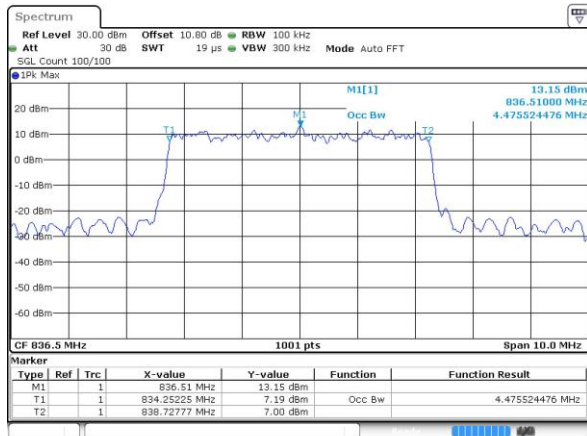
Lowest Channel / 5MHz / 64QAM



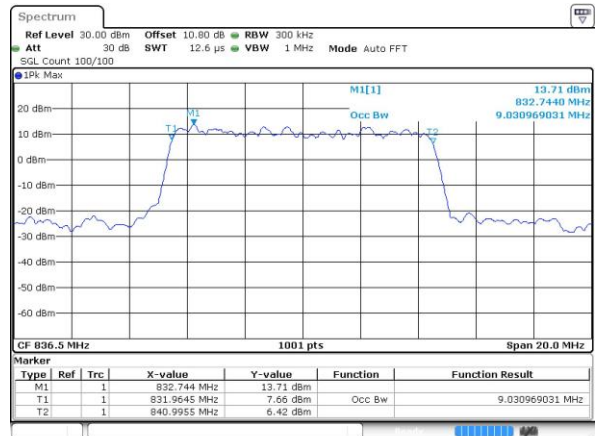
Lowest Channel / 10MHz / 64QAM



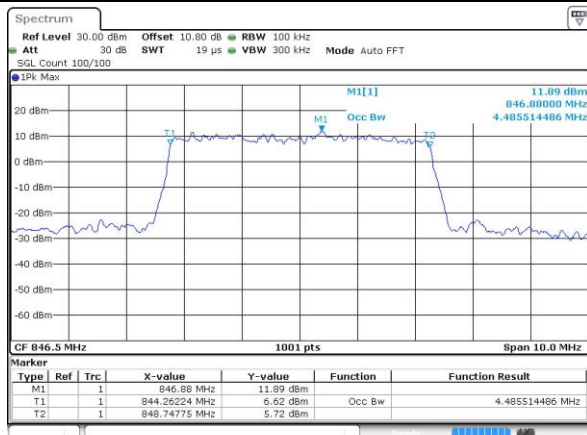
Middle Channel / 5MHz / 64QAM



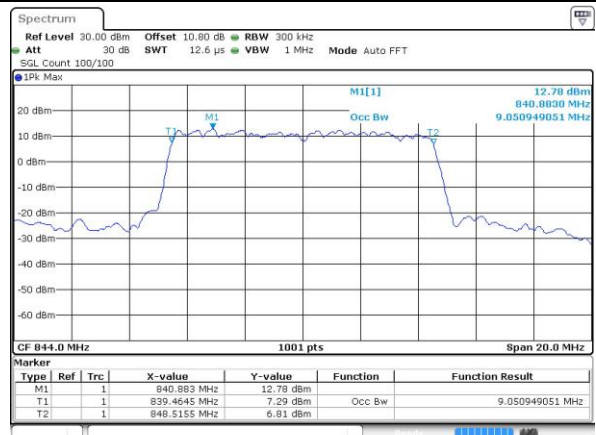
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



Conducted Band Edge

Mode			LTE Band 5 / 1.4MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≤ -13	0~1MHz	-28.68	-31.01	-27.43	-31.55	-31.47	-34.24
	≤ -13	>1MHz	-49.71	-33.65	-46.95	-34.08	-52.28	-36.6
Highest CH	≤ -13	0~1MHz	-28.32	-29.38	-26.9	-30.71	-30.85	-32.33
	≤ -13	>1MHz	-50.42	-32.67	-47.83	-33.75	-52.23	-35.12
Result		Compliance						

Mode			LTE Band 5 / 3MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≤ -13	0~1MHz	-20.23	-26.89	-19.99	-28.76	-24.41	-32.31
	≤ -13	>1MHz	-27.21	-30.17	-28.68	-31.71	-30.35	-34.66
Highest CH	≤ -13	0~1MHz	-20.5	-26.76	-19.85	-28.52	-23.79	-31.99
	≤ -13	>1MHz	-27.2	-29.92	-28.5	-31.46	-30.86	-34.6
Result		Compliance						

Mode			LTE Band 5 / 5MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≤ -13	0~1MHz	-23.97	-29.78	-23.77	-31.63	-27.49	-34.86
	≤ -13	>1MHz	-27.81	-32.61	-29.33	-33.82	-31.23	-36.47
Highest CH	≤ -13	0~1MHz	-23.69	-29.38	-24.48	-31.96	-27.06	-34.52
	≤ -13	>1MHz	-27.61	-32.01	-28.78	-31.63	-31.12	-36.05
Result		Compliance						

Mode			LTE Band 5 / 10MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≤ -13	0~1MHz	-30.51	-30.53	-30.03	-32.68	-35.48	-36.32
	≤ -13	>1MHz	-47.19	-33.12	-51.19	-34.76	-53.3	-37.66
Highest CH	≤ -13	0~1MHz	-30.7	-28.09	-30.94	-30.32	-35.59	-34.65
	≤ -13	>1MHz	-28.73	-31.08	-29.76	-33.41	-32.5	-36.62
Result		Compliance						



LTE Band 5 / 1.4MHz / QPSK

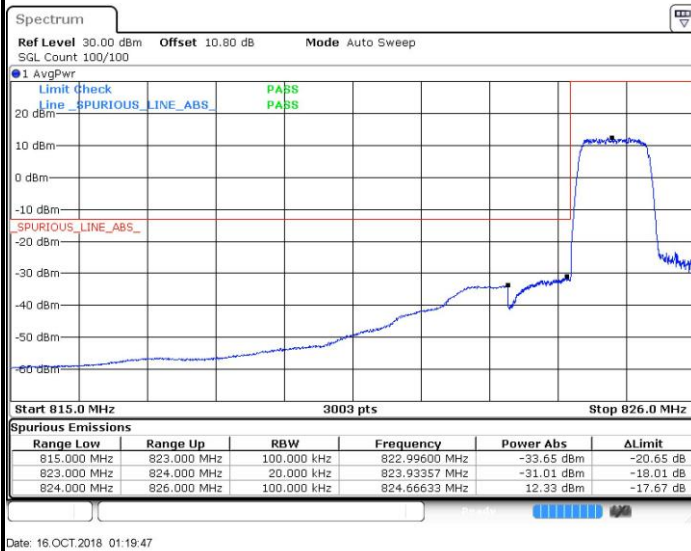
Lowest Band Edge / 1RB



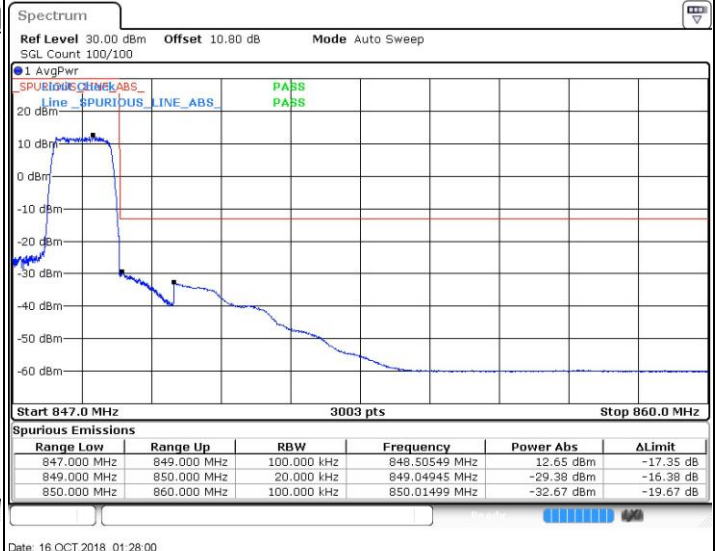
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



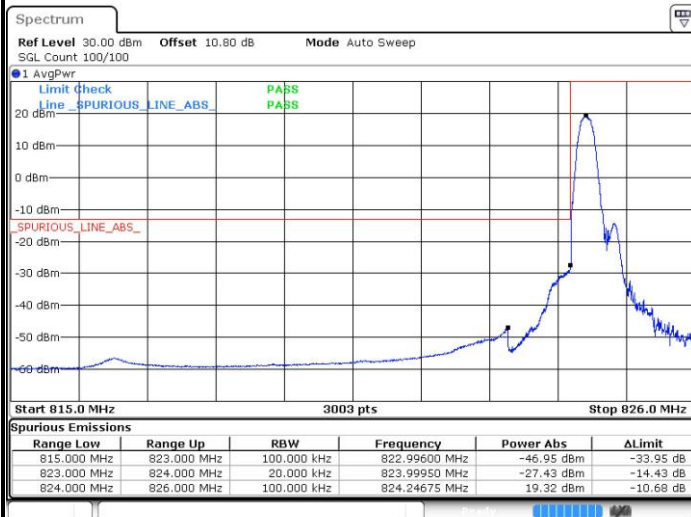
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 16QAM

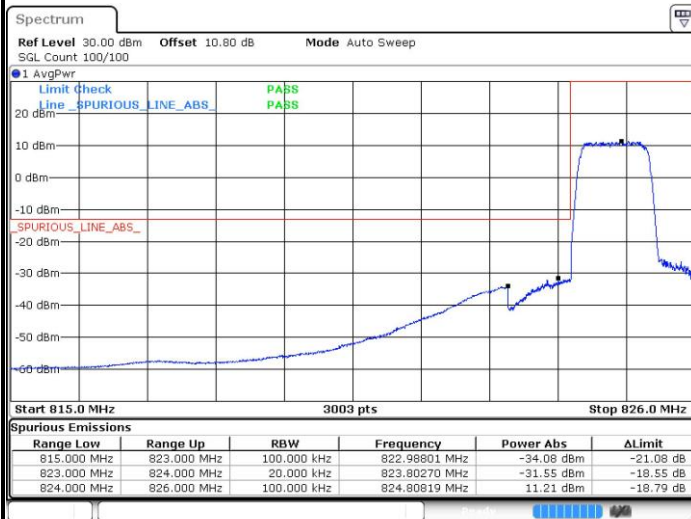
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



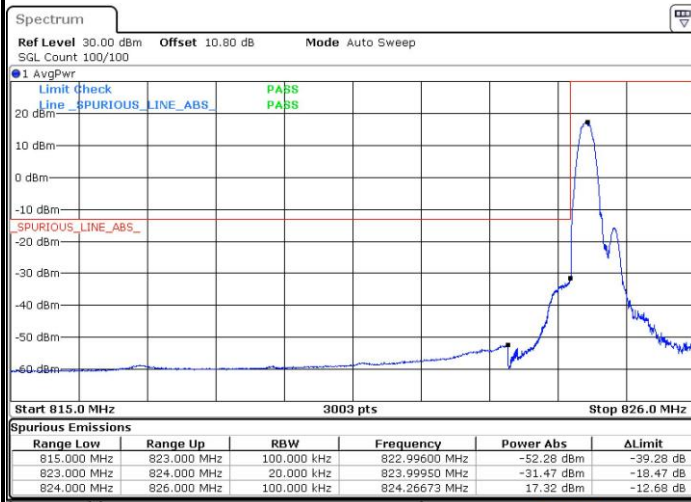
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 64QAM

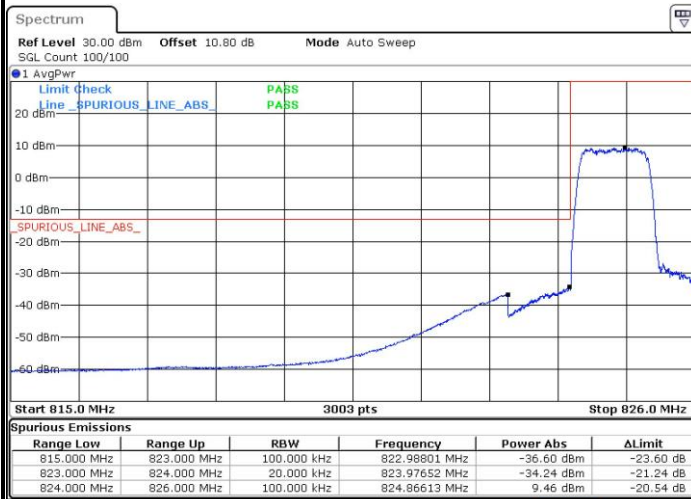
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



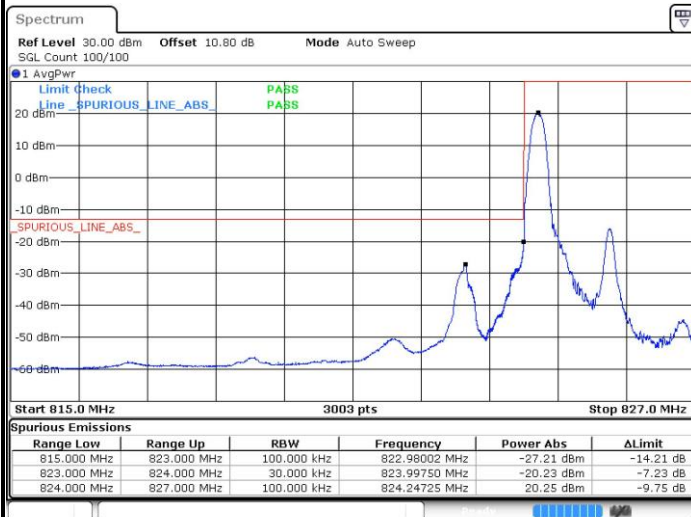
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

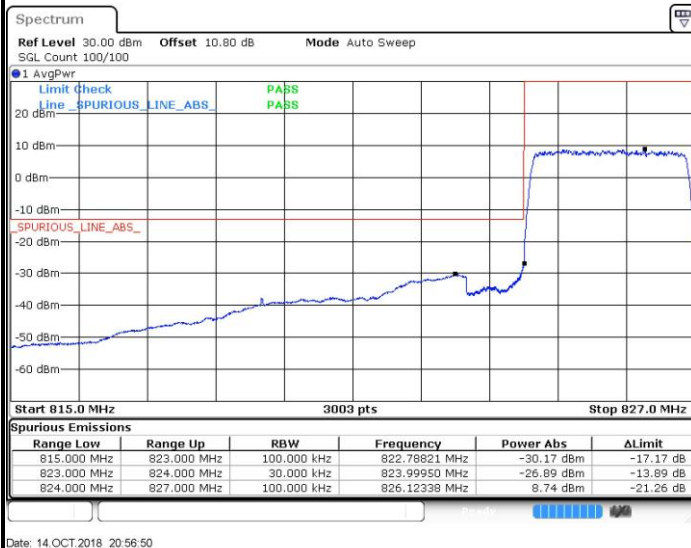
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

