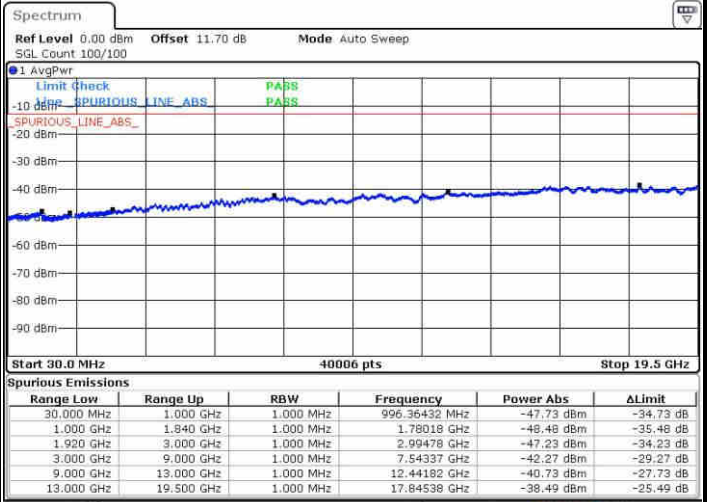
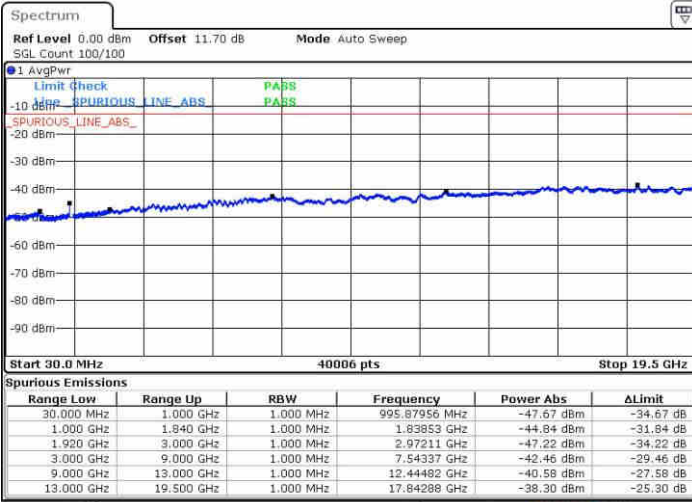




LTE Band 25 / 10MHz

Lowest Channel / 64QAM

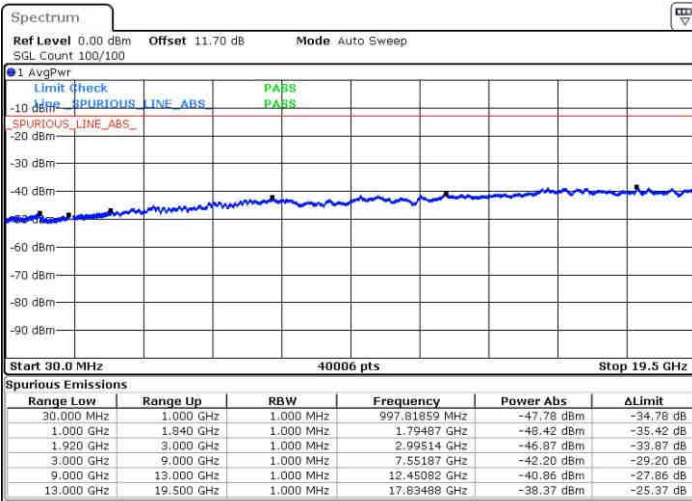
Middle Channel / 64QAM



Date: 15.APR.2019 21:39:13

Date: 15.APR.2019 21:40:19

Highest Channel / 64QAM



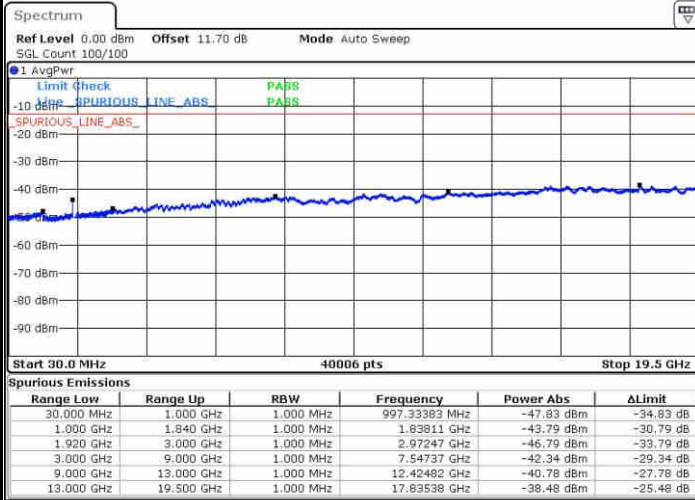
Date: 15.APR.2019 21:43:28



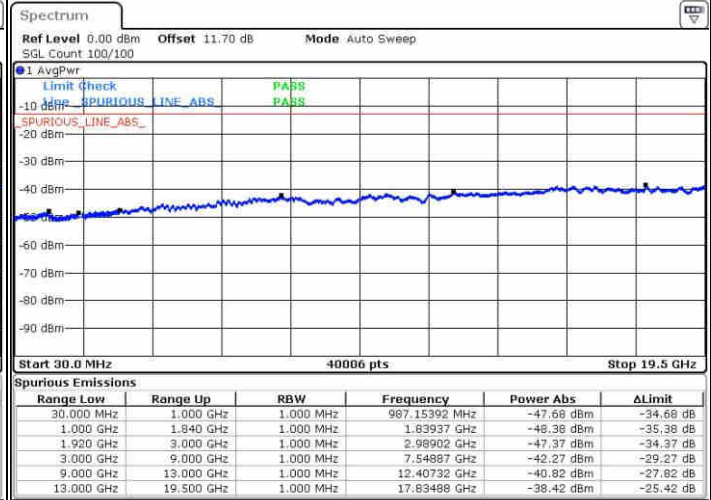
LTE Band 25 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

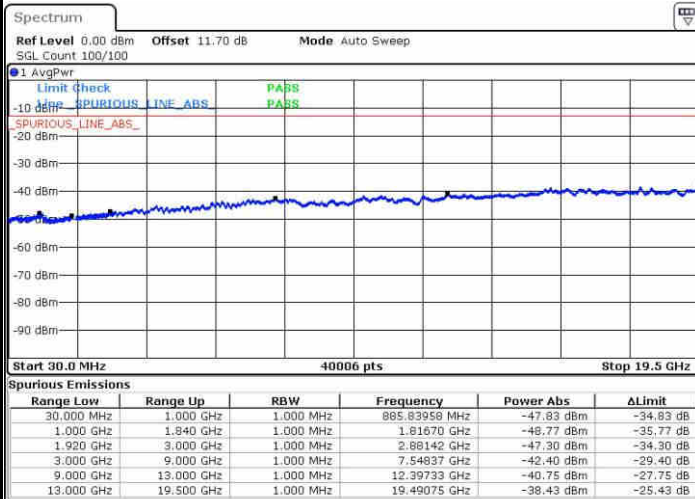


Date: 15.APR.2019 21:46:36



Date: 15.APR.2019 21:47:44

Highest Channel / 64QAM



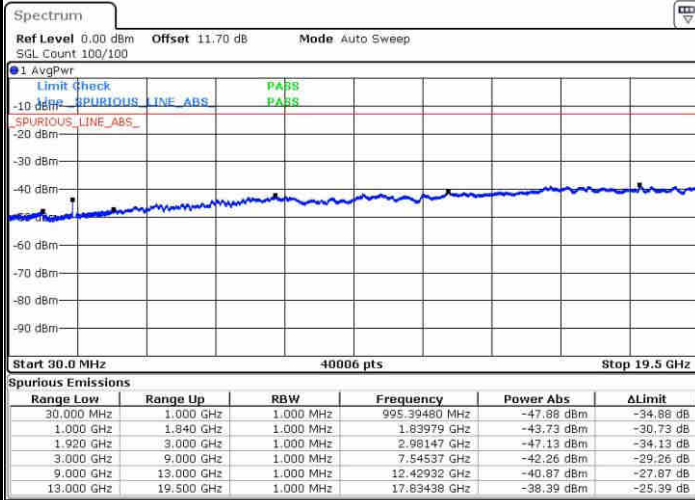
Date: 15.APR.2019 21:50:52



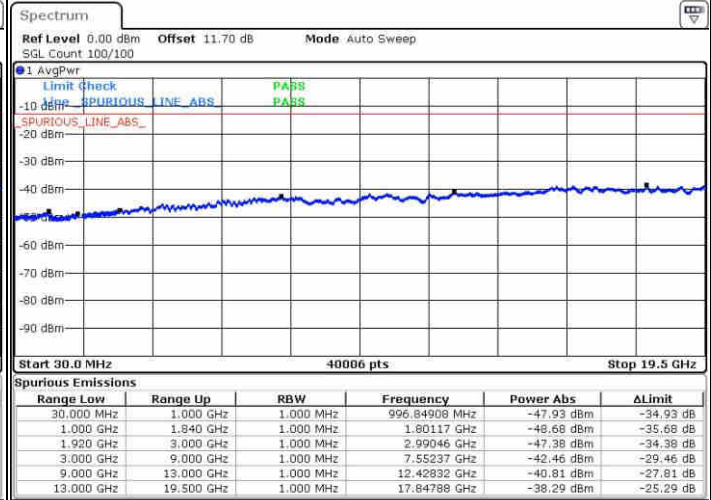
LTE Band 25 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

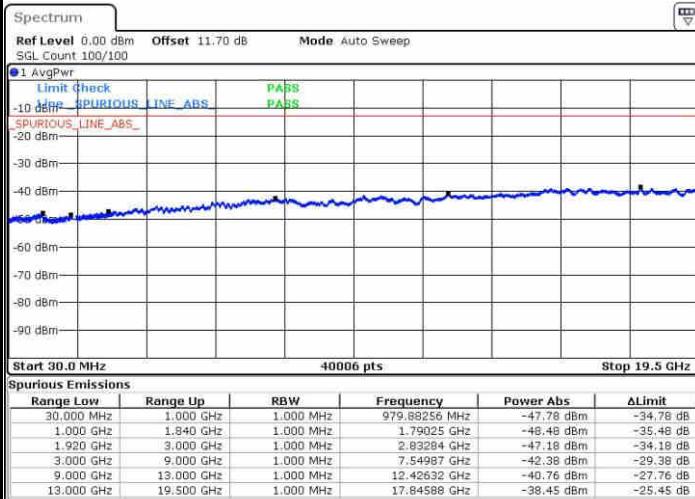


Date: 15.APR.2019 22:23:32



Date: 15.APR.2019 22:24:38

Highest Channel / 64QAM



Date: 15.APR.2019 22:27:46



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	0.0028	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

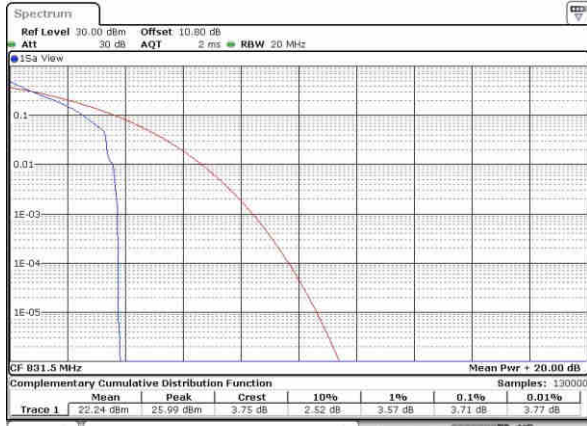
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	5.22	4.23	6.00	PASS
Middle CH	3.68	5.19	4.00	6.03	
Highest CH	3.68	5.25	4.20	6.09	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.13	6.58	-	-	PASS
Middle CH	5.48	6.64	-	-	
Highest CH	5.54	6.67	-	-	



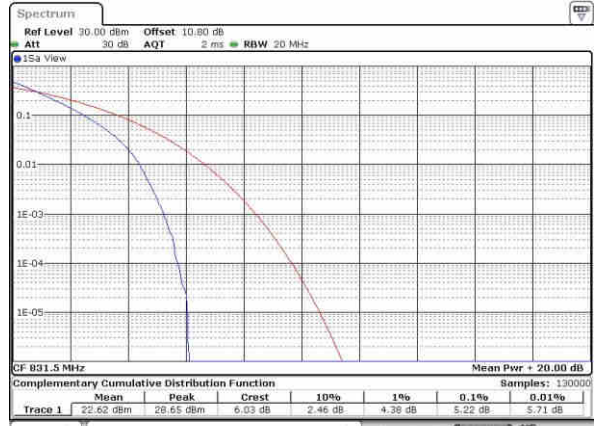
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



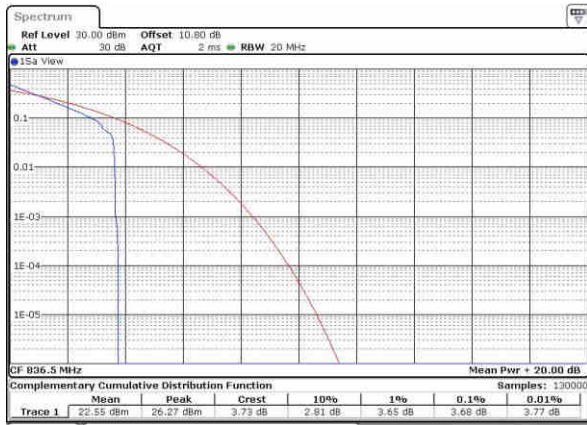
Date: 14 APR 2019 07:31:19

Lowest Channel / Full RB



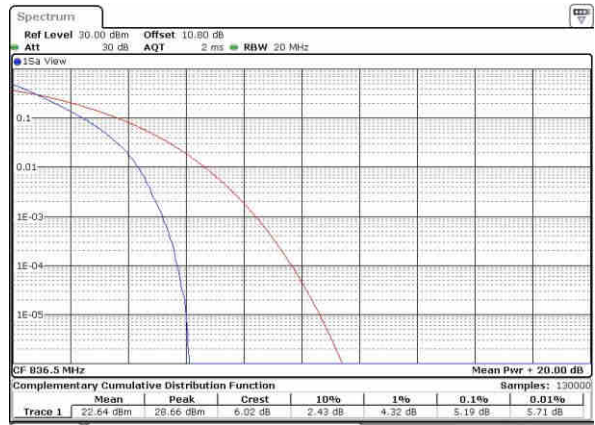
Date: 14 APR 2019 07:30:48

Middle Channel / 1RB



Date: 14 APR 2019 07:31:29

Middle Channel / Full RB



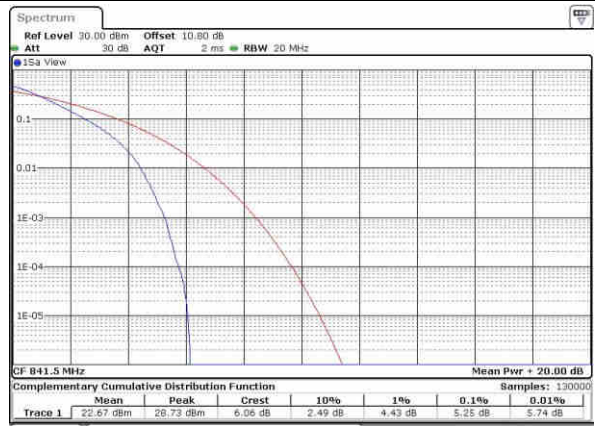
Date: 14 APR 2019 07:32:02

Highest Channel / 1RB



Date: 14 APR 2019 07:32:45

Highest Channel / Full RB

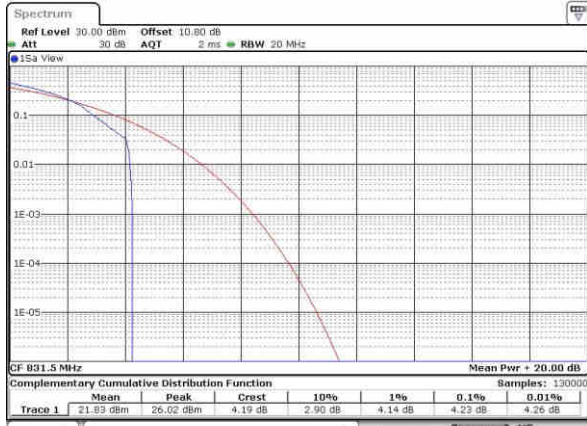


Date: 14 APR 2019 07:32:12



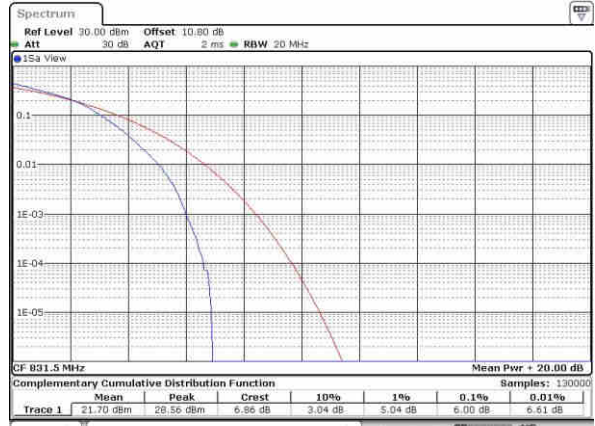
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



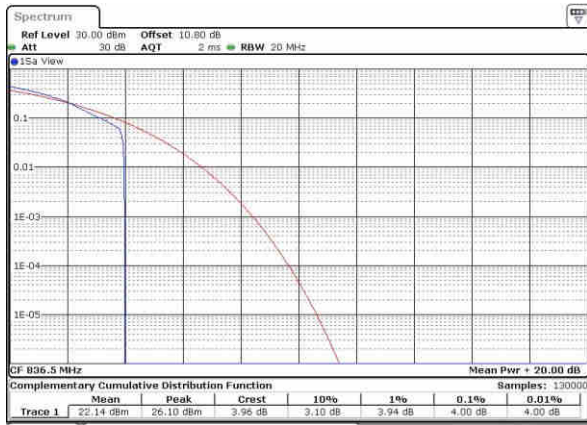
Date: 14 APR 2019 07:31:05

Lowest Channel / Full RB



Date: 14 APR 2019 07:30:55

Middle Channel / 1RB



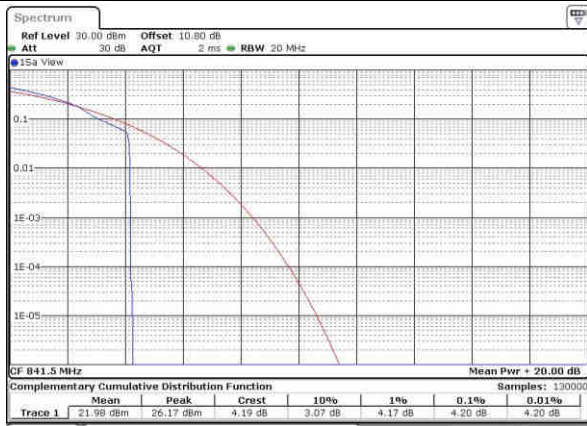
Date: 14 APR 2019 07:31:40

Middle Channel / Full RB



Date: 14 APR 2019 07:31:51

Highest Channel / 1RB



Date: 14 APR 2019 07:32:34

Highest Channel / Full RB

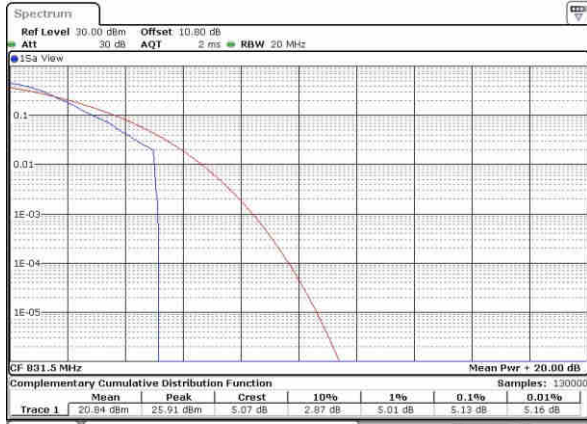


Date: 14 APR 2019 07:32:23



LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



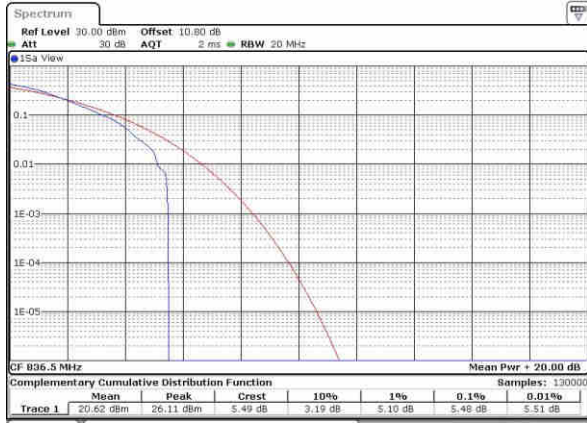
Date: 14 APR 2019 07:33:06

Lowest Channel / Full RB



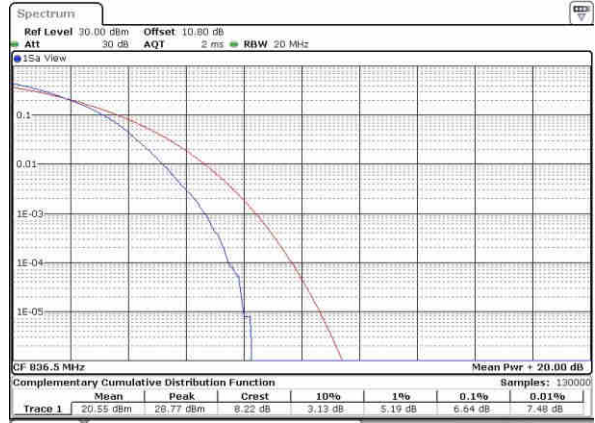
Date: 14 APR 2019 07:32:56

Middle Channel / 1RB



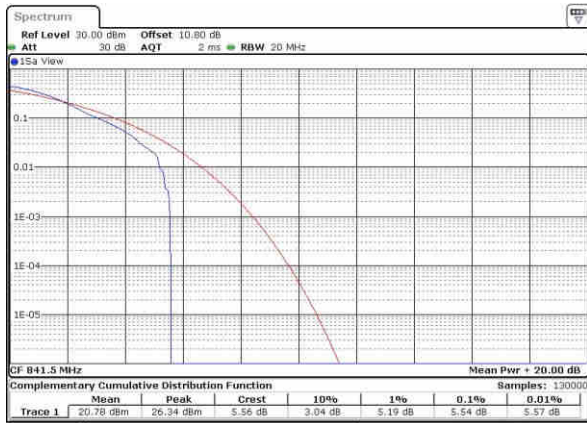
Date: 14 APR 2019 07:33:16

Middle Channel / Full RB



Date: 14 APR 2019 07:33:27

Highest Channel / 1RB



Date: 14 APR 2019 07:33:49

Highest Channel / Full RB



Date: 14 APR 2019 07:33:38



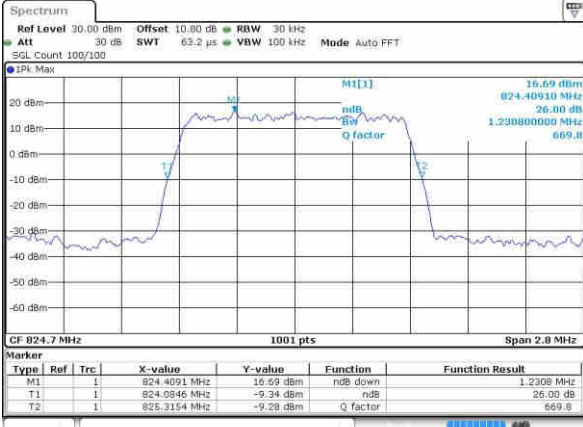
26dB Bandwidth

Mode	LTE Band 26 : 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	1.23	3.02	3.08	4.88	4.89	9.83	9.77	14.60	14.36	-	-
Middle CH	1.24	1.23	3.06	3.03	4.93	4.93	9.75	9.71	14.21	14.51	-	-
Highest CH	1.22	1.23	2.99	3.03	4.86	4.89	9.69	9.79	14.33	14.39	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.20	-	2.97	-	4.87	-	9.97	-	14.18	-	-	-
Middle CH	1.23	-	3.00	-	4.96	-	9.93	-	14.39	-	-	-
Highest CH	1.23	-	2.97	-	4.88	-	9.63	-	14.39	-	-	-



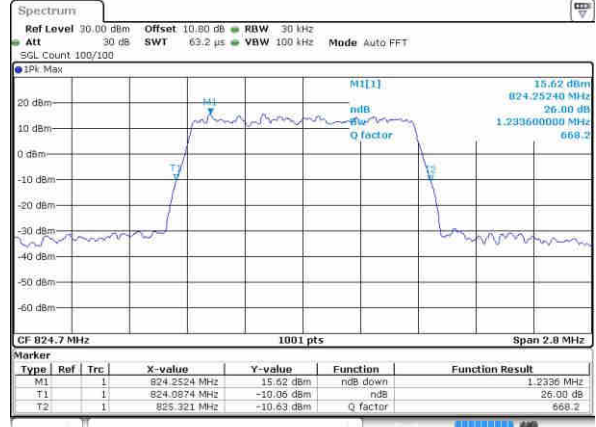
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



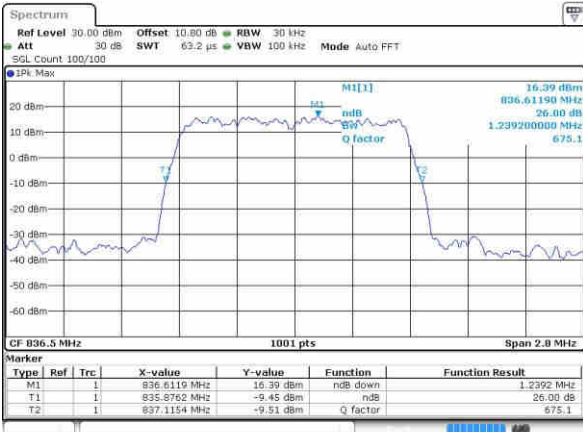
Date: 14 APR 2019 05:22:07

Lowest Channel / 1.4MHz / 16QAM



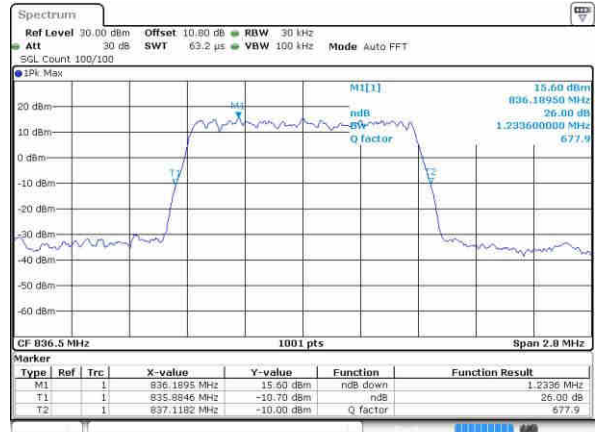
Date: 14 APR 2019 05:21:54

Middle Channel / 1.4MHz / QPSK



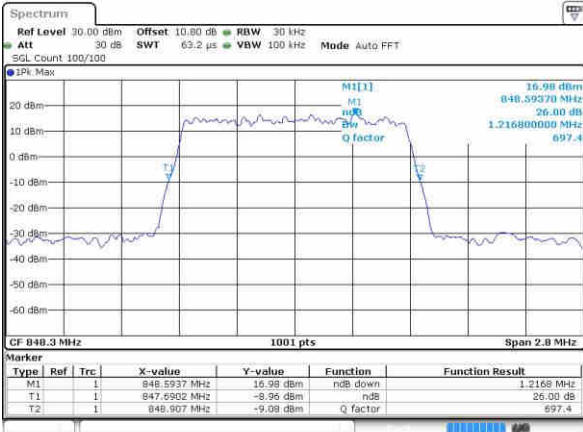
Date: 14 APR 2019 05:31:22

Middle Channel / 1.4MHz / 16QAM



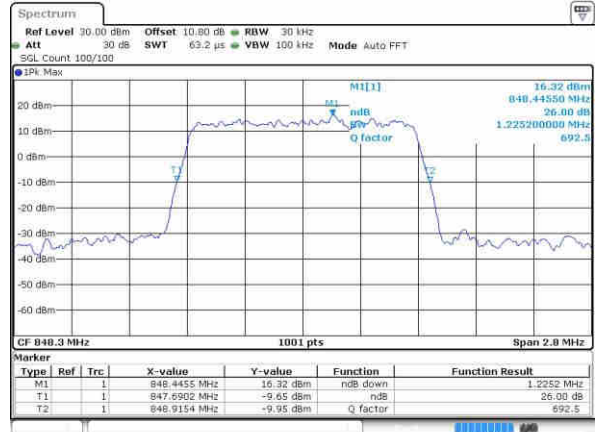
Date: 14 APR 2019 05:31:10

Highest Channel / 1.4MHz / QPSK



Date: 14 APR 2019 05:33:53

Highest Channel / 1.4MHz / 16QAM

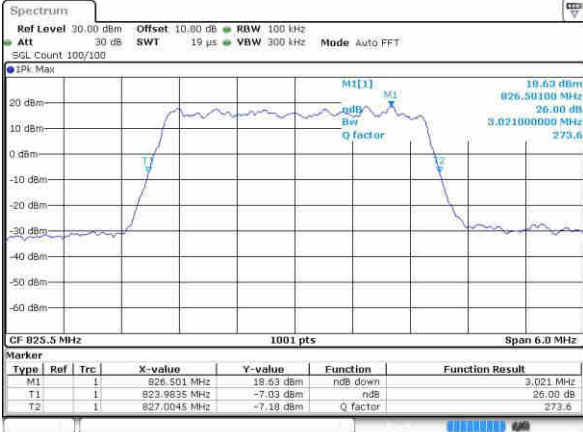


Date: 14 APR 2019 05:33:41



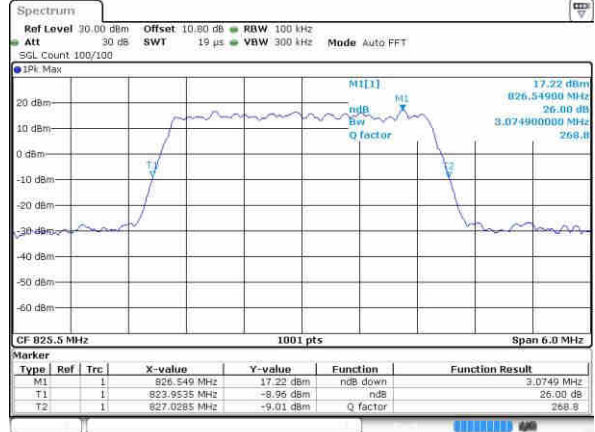
LTE Band 26

Lowest Channel / 3MHz / QPSK



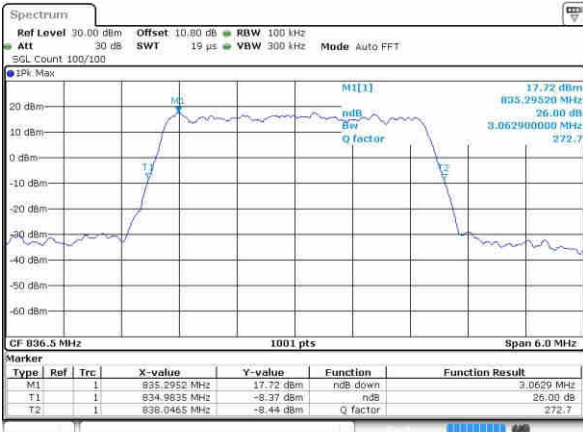
Date: 14 APR 2019 06:27:11

Lowest Channel / 3MHz / 16QAM



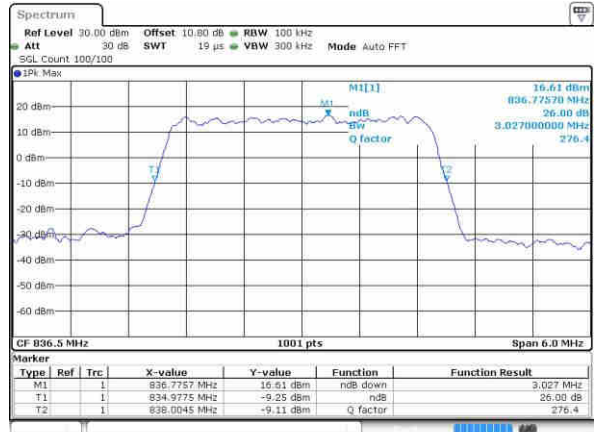
Date: 14 APR 2019 06:28:59

Middle Channel / 3MHz / QPSK



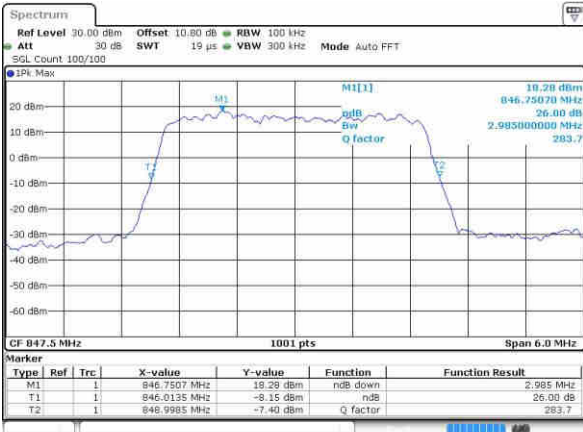
Date: 14 APR 2019 06:33:13

Middle Channel / 3MHz / 16QAM



Date: 14 APR 2019 06:33:01

Highest Channel / 3MHz / QPSK



Date: 14 APR 2019 06:35:44

Highest Channel / 3MHz / 16QAM

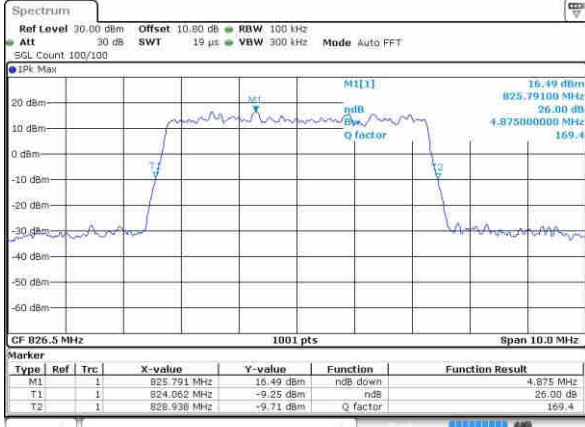


Date: 14 APR 2019 06:35:32



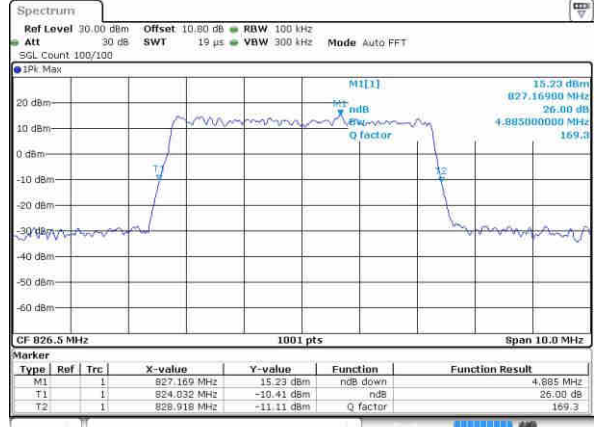
LTE Band 26

Lowest Channel / 5MHz / QPSK



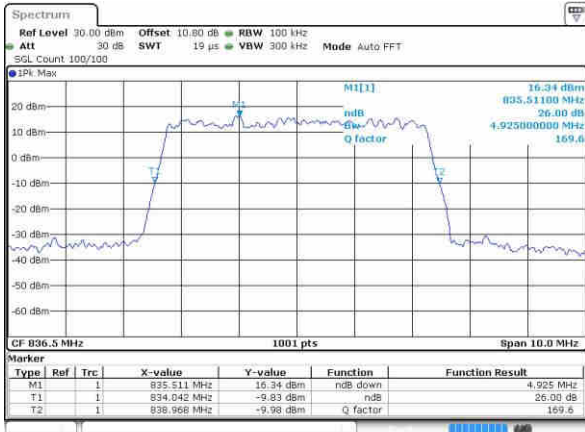
Date: 14 APR 2019 06:42:04

Lowest Channel / 5MHz / 16QAM



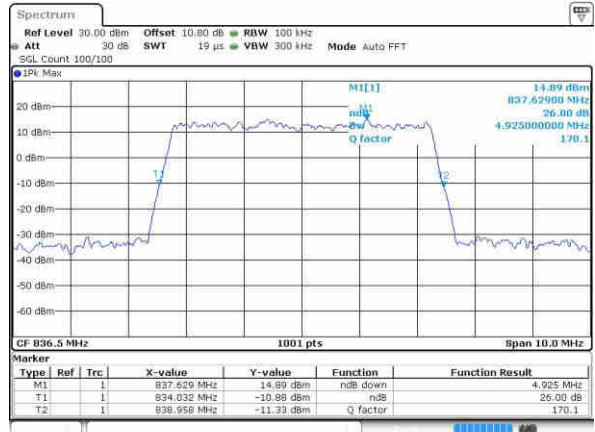
Date: 14 APR 2019 06:41:51

Middle Channel / 5MHz / QPSK



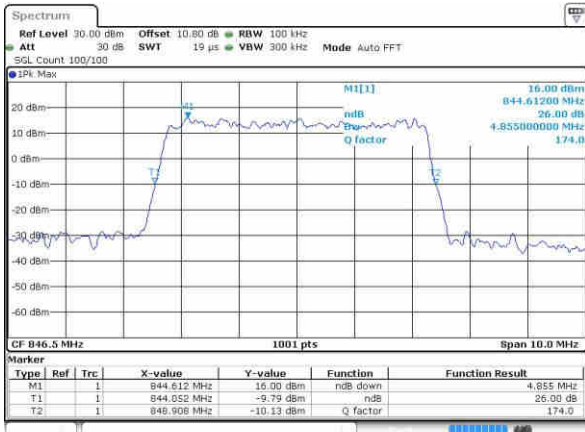
Date: 14 APR 2019 06:47:59

Middle Channel / 5MHz / 16QAM



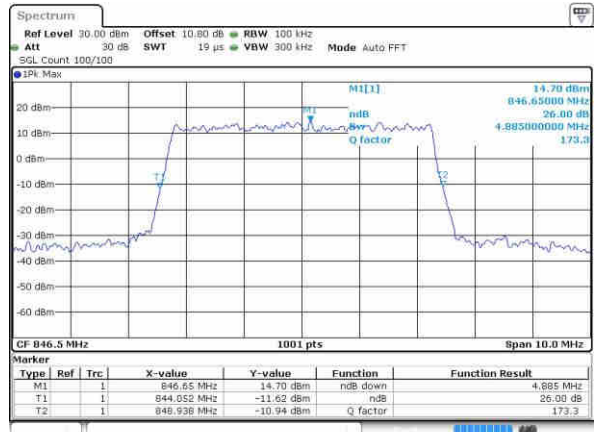
Date: 14 APR 2019 06:47:46

Highest Channel / 5MHz / QPSK



Date: 14 APR 2019 06:50:30

Highest Channel / 5MHz / 16QAM

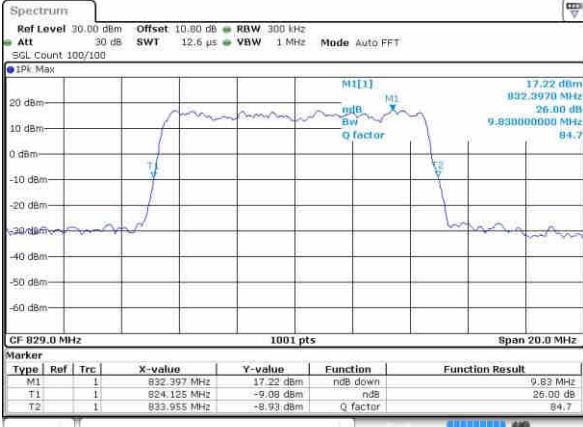


Date: 14 APR 2019 06:50:16



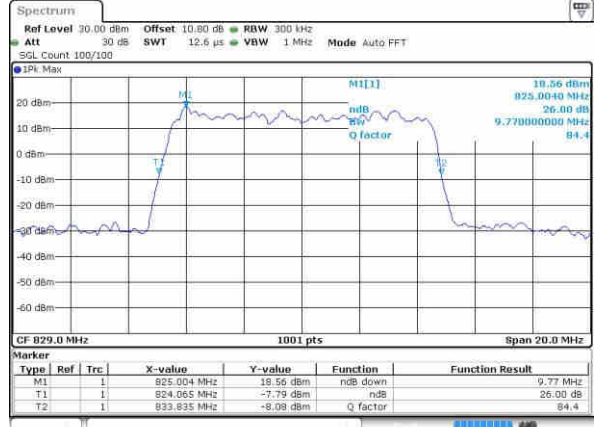
LTE Band 26

Lowest Channel / 10MHz / QPSK



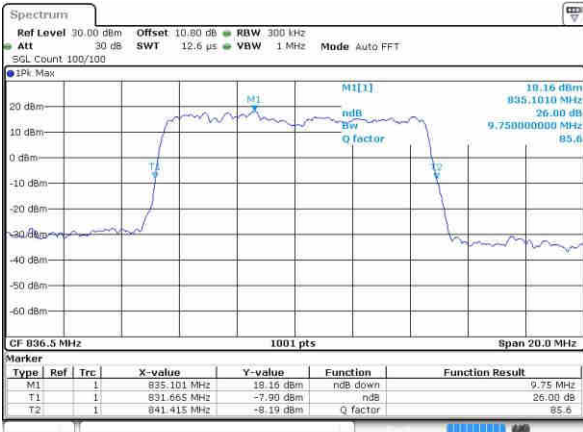
Date: 14 APR 2019 06:56:26

Lowest Channel / 10MHz / 16QAM



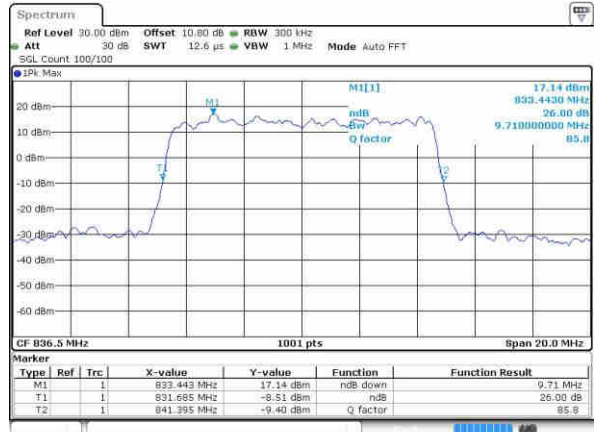
Date: 14 APR 2019 06:56:14

Middle Channel / 10MHz / QPSK



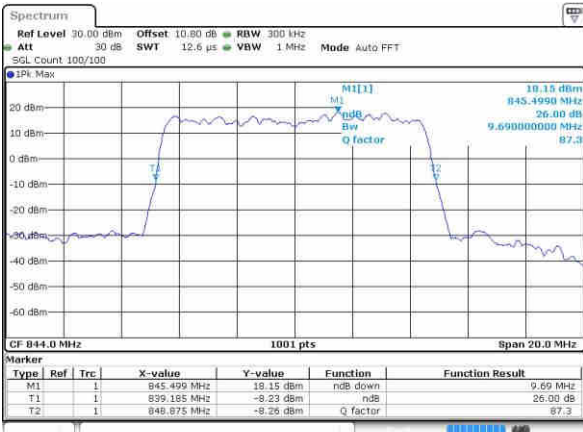
Date: 14 APR 2019 07:02:22

Middle Channel / 10MHz / 16QAM



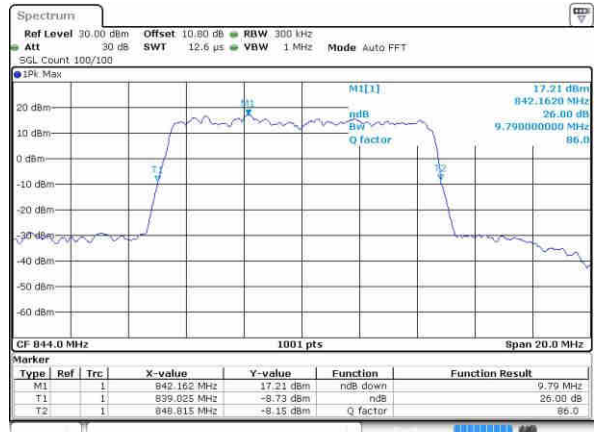
Date: 14 APR 2019 07:02:09

Highest Channel / 10MHz / QPSK



Date: 14 APR 2019 07:04:53

Highest Channel / 10MHz / 16QAM

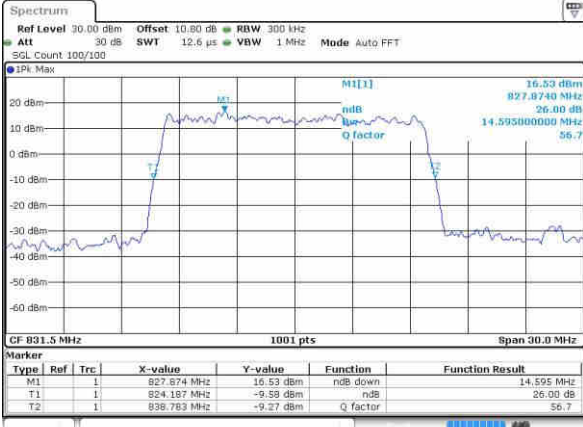


Date: 14 APR 2019 07:04:41



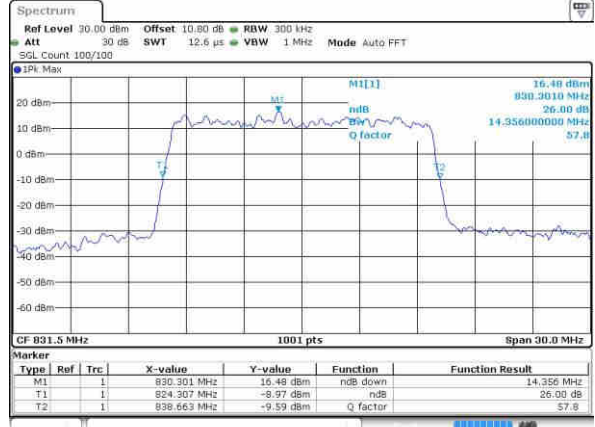
LTE Band 26

Lowest Channel / 15MHz / QPSK



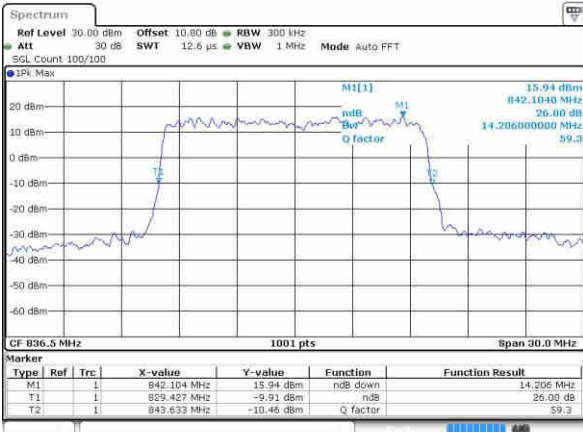
Date: 14 APR 2019 07:10:47

Lowest Channel / 15MHz / 16QAM



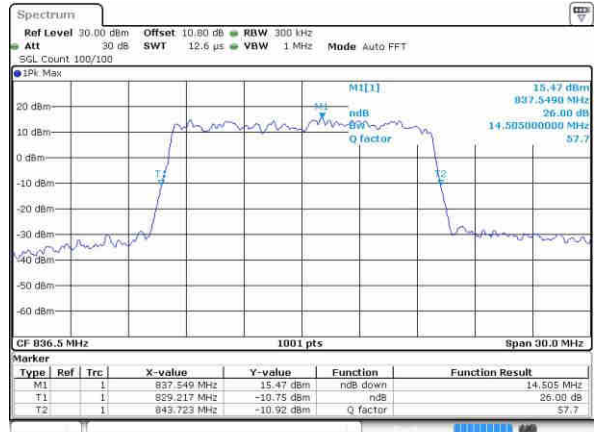
Date: 14 APR 2019 07:10:35

Middle Channel / 15MHz / QPSK



Date: 14 APR 2019 07:16:38

Middle Channel / 15MHz / 16QAM



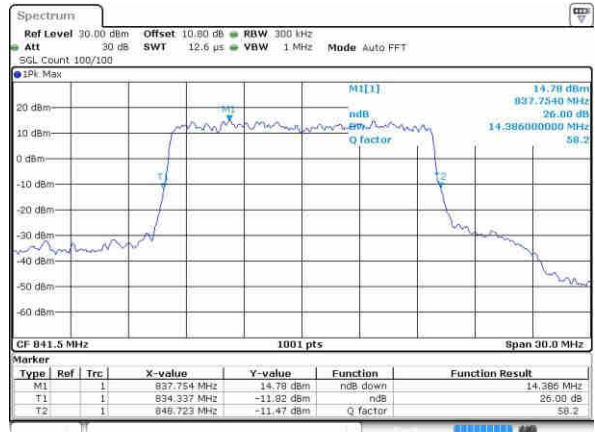
Date: 14 APR 2019 07:16:26

Highest Channel / 15MHz / QPSK



Date: 14 APR 2019 07:19:10

Highest Channel / 15MHz / 16QAM

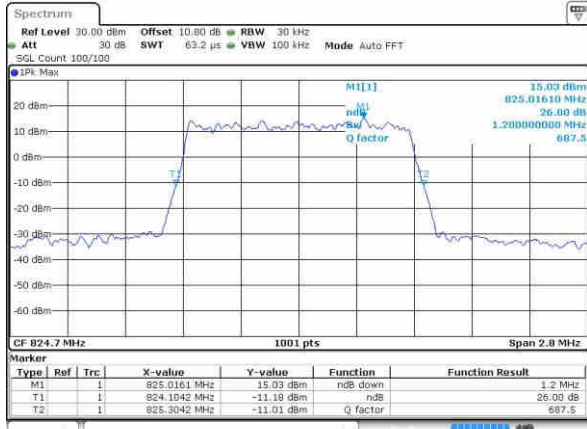


Date: 14 APR 2019 07:18:57



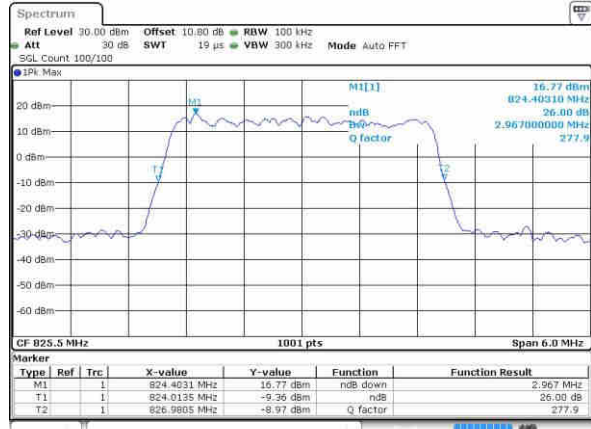
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



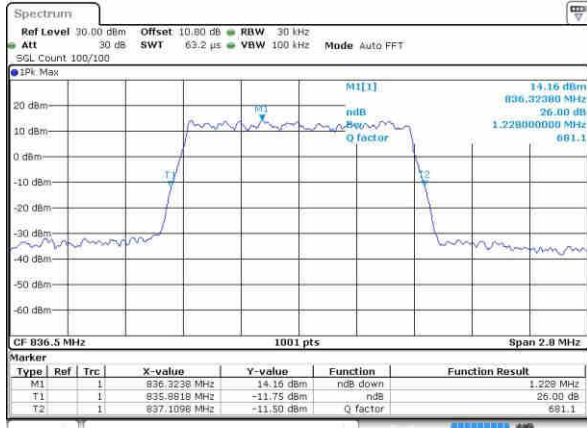
Date: 14 APR 2019 05:42:44

Lowest Channel / 3MHz / 64QAM



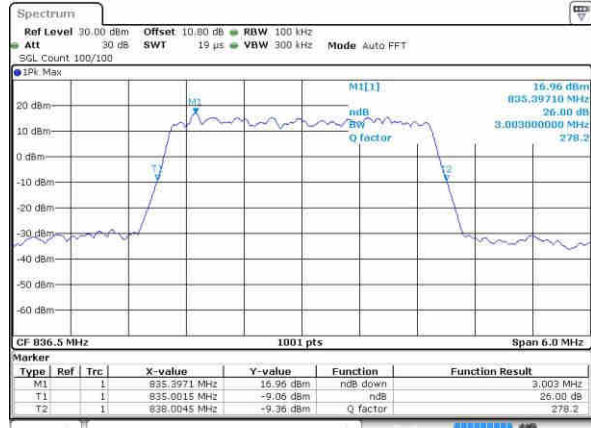
Date: 14 APR 2019 05:53:51

Middle Channel / 1.4MHz / 64QAM



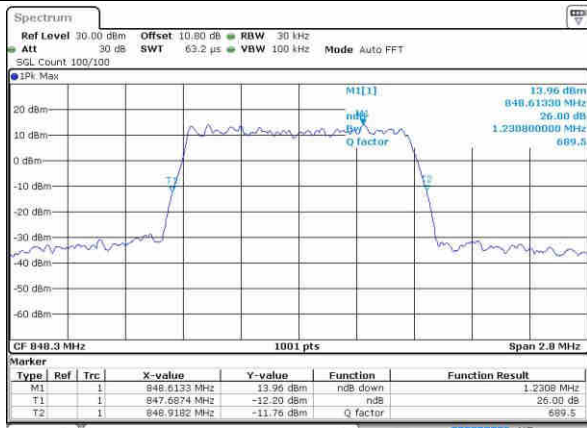
Date: 14 APR 2019 05:47:21

Middle Channel / 3MHz / 64QAM



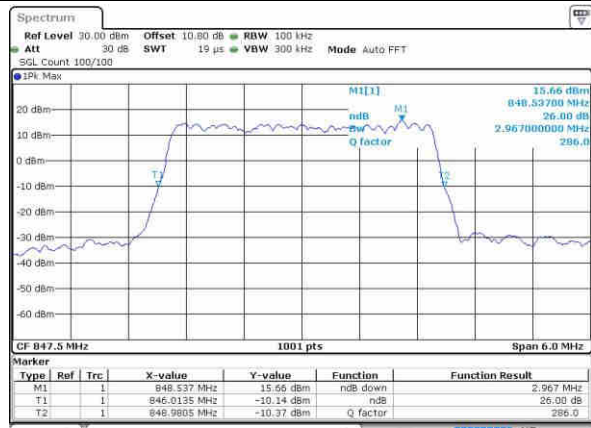
Date: 14 APR 2019 05:56:53

Highest Channel / 1.4MHz / 64QAM



Date: 14 APR 2019 05:48:37

Highest Channel / 3MHz / 64QAM

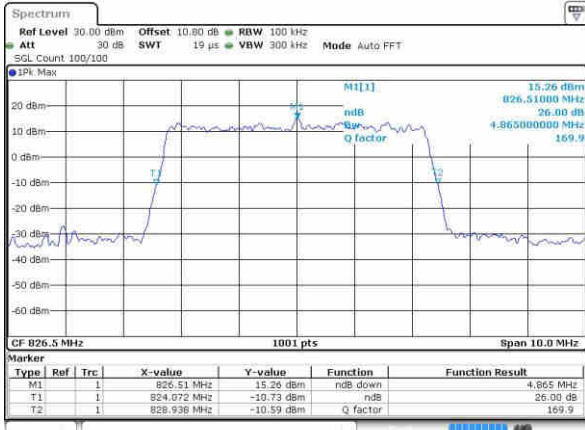


Date: 14 APR 2019 05:58:09



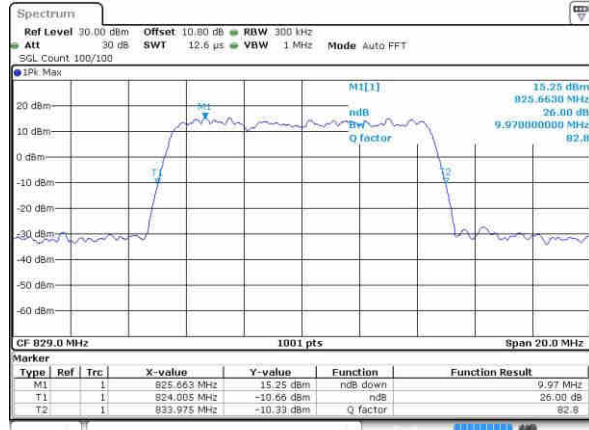
LTE Band 26

Lowest Channel / 5MHz / 64QAM



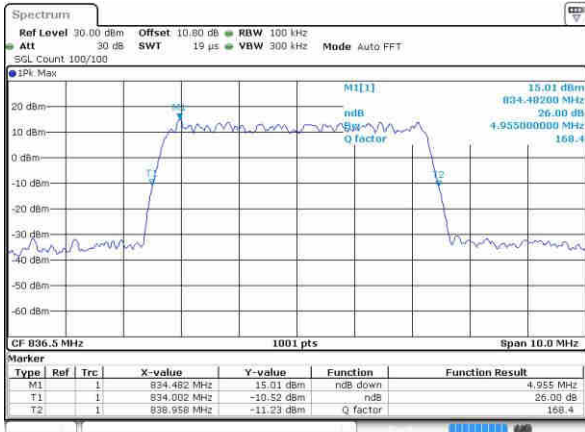
Date: 14 APR 2019 06:01:19

Lowest Channel / 10MHz / 64QAM



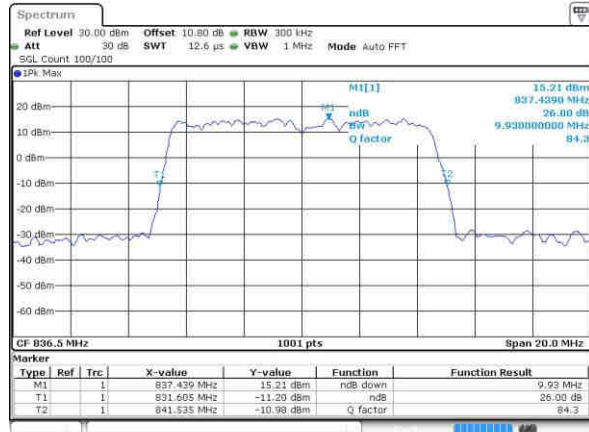
Date: 14 APR 2019 06:08:30

Middle Channel / 5MHz / 64QAM



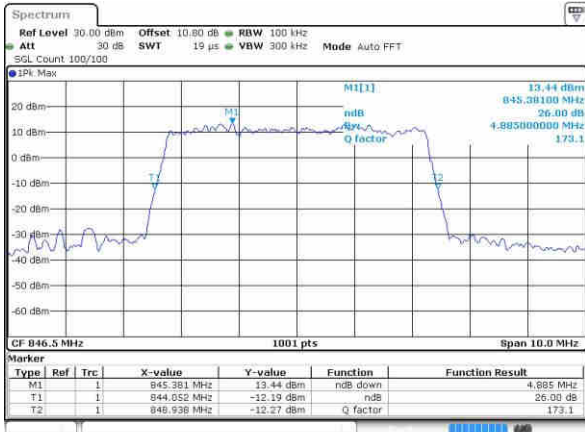
Date: 14 APR 2019 06:04:16

Middle Channel / 10MHz / 64QAM



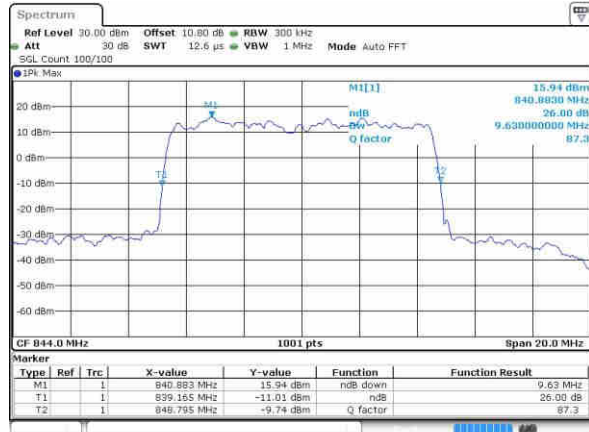
Date: 14 APR 2019 06:11:27

Highest Channel / 5MHz / 64QAM



Date: 14 APR 2019 06:05:32

Highest Channel / 10MHz / 64QAM

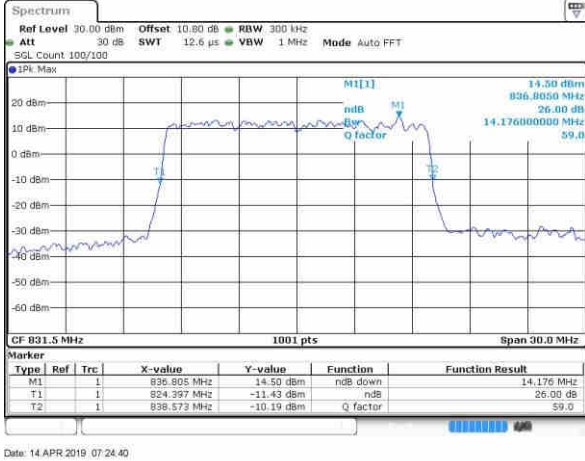


Date: 14 APR 2019 06:12:43



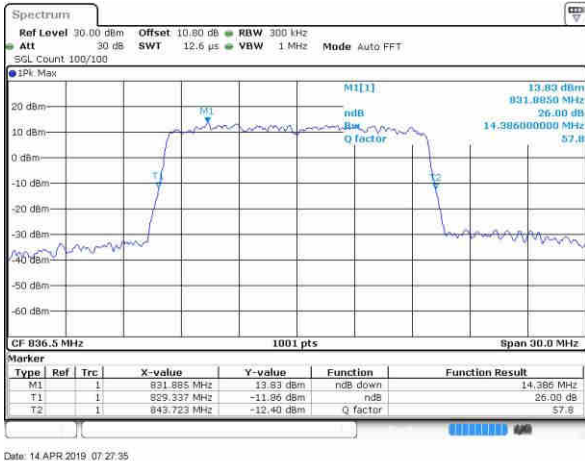
LTE Band 26

Lowest Channel / 15MHz / 64QAM



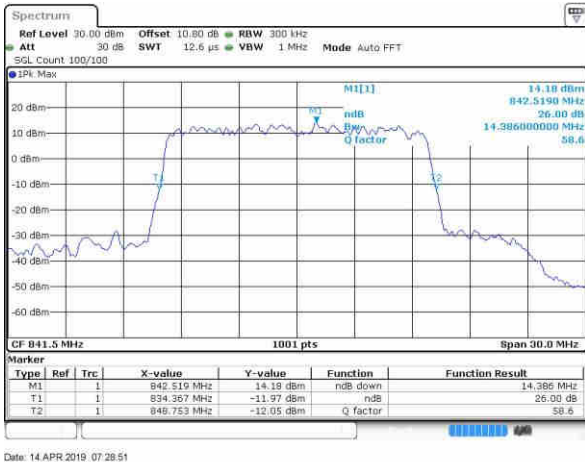
Date: 14 APR 2019 07:24:40

Middle Channel / 15MHz / 64QAM



Date: 14 APR 2019 07:27:35

Highest Channel / 15MHz / 64QAM



Date: 14 APR 2019 07:28:51



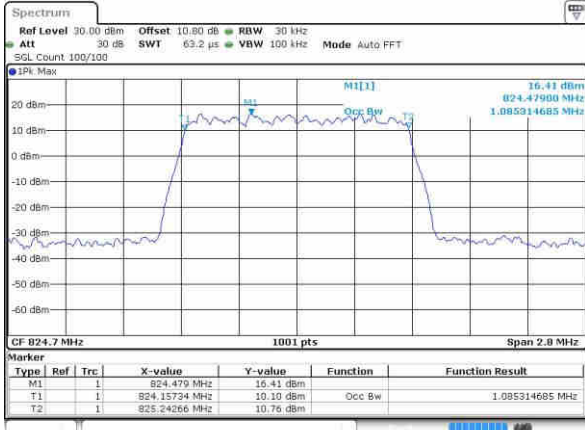
Occupied Bandwidth

Mode	LTE Band 26 : 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	1.09	2.73	2.7	4.49	4.48	8.99	9.03	13.43	13.46	-	-
Middle CH	1.09	1.09	2.72	2.73	4.50	4.49	9.01	9.03	13.4	13.46	-	-
Highest CH	1.09	1.09	2.72	2.72	4.49	4.5	9.03	9.01	13.4	13.46	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.73	-	4.51	-	9.05	-	13.37	-	-	-
Middle CH	1.09	-	2.72	-	4.47	-	9.03	-	13.40	-	-	-
Highest CH	1.09	-	2.72	-	4.52	-	9.07	-	13.31	-	-	-



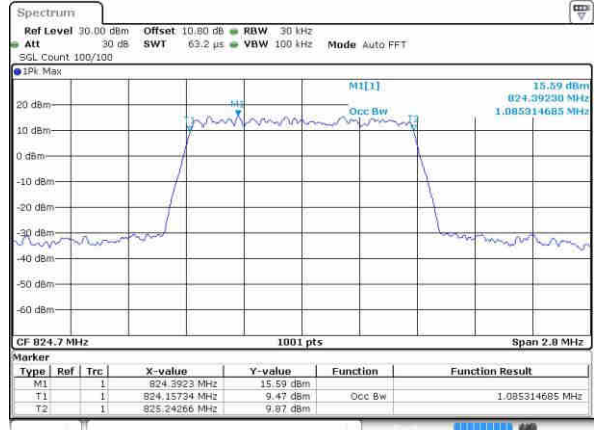
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



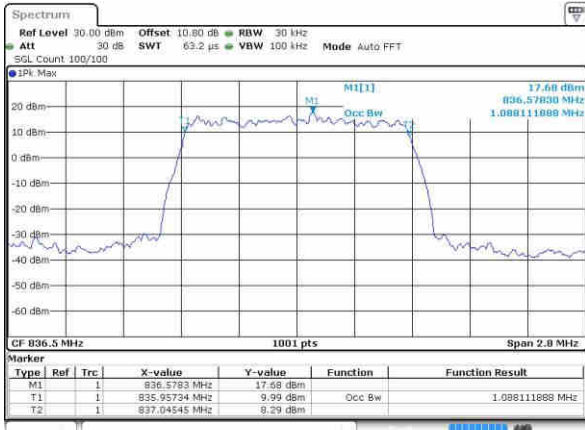
Date: 14 APR 2019 05:21:30

Lowest Channel / 1.4MHz / 16QAM



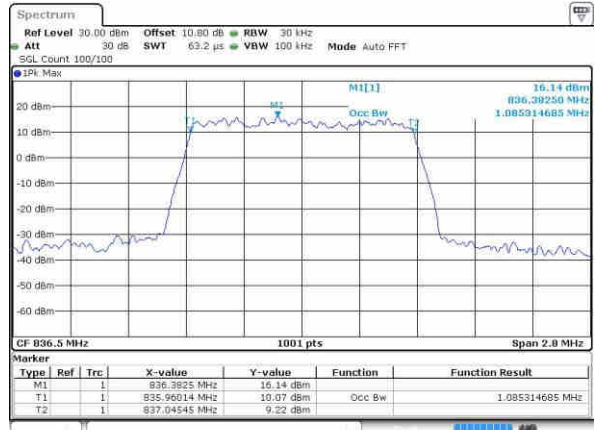
Date: 14 APR 2019 05:21:42

Middle Channel / 1.4MHz / QPSK



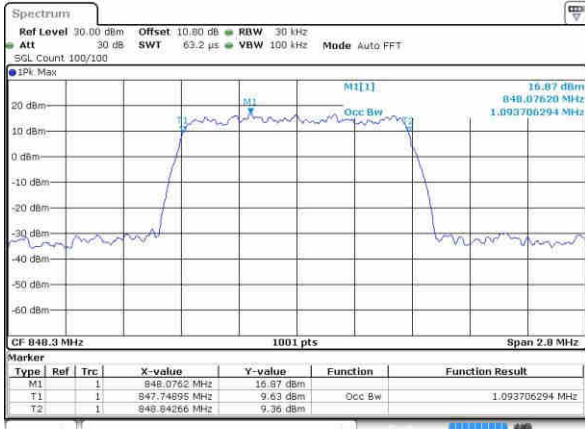
Date: 14 APR 2019 05:30:45

Middle Channel / 1.4MHz / 16QAM



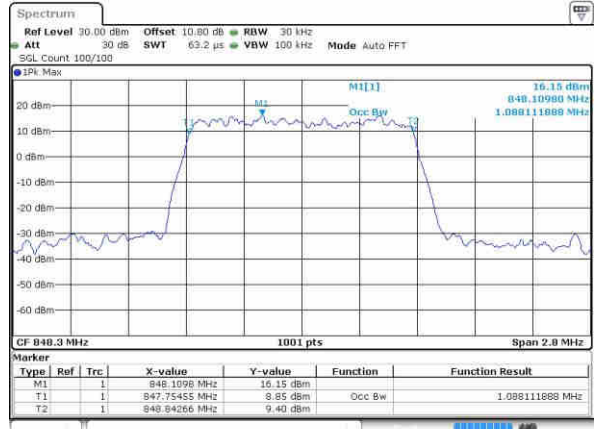
Date: 14 APR 2019 05:30:57

Highest Channel / 1.4MHz / QPSK



Date: 14 APR 2019 05:33:16

Highest Channel / 1.4MHz / 16QAM

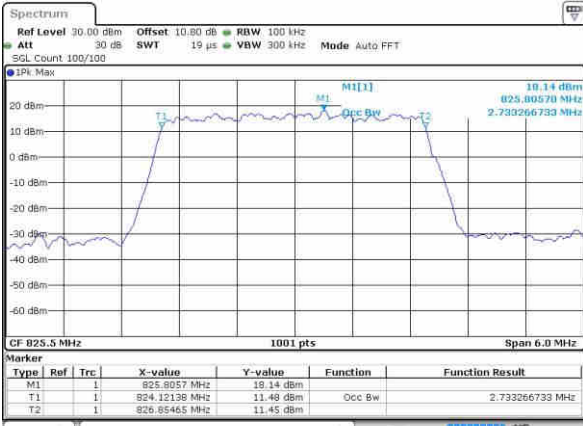


Date: 14 APR 2019 05:33:29

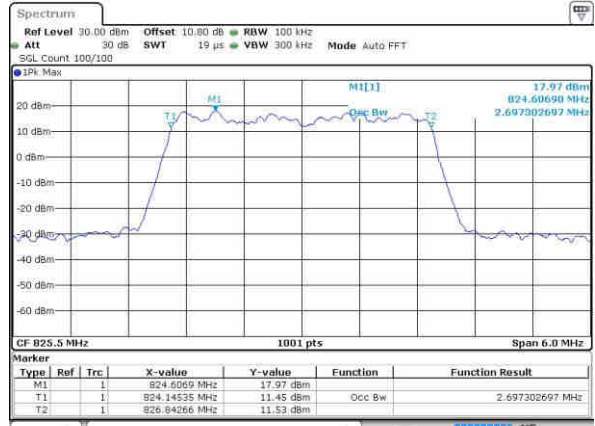


LTE Band 26

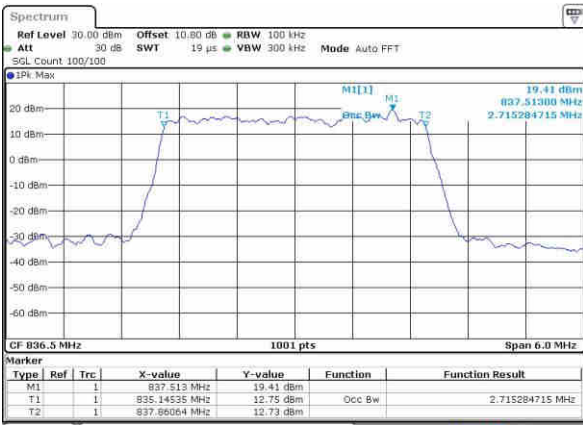
Lowest Channel / 3MHz / QPSK



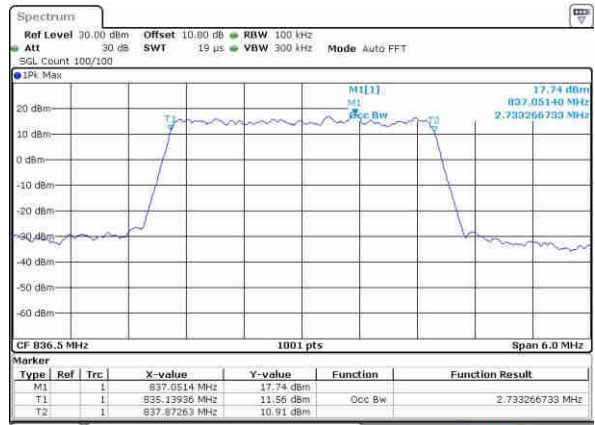
Lowest Channel / 3MHz / 16QAM



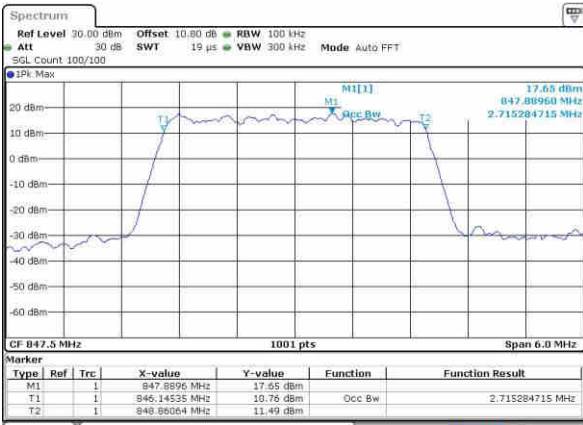
Middle Channel / 3MHz / QPSK



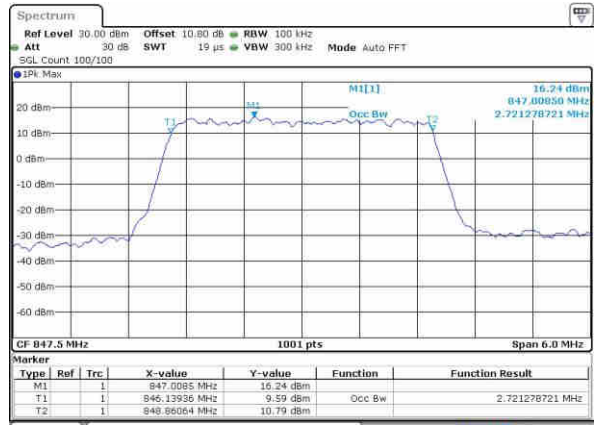
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



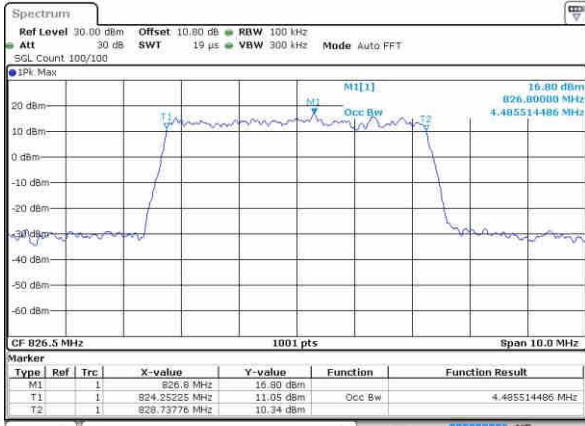
Highest Channel / 3MHz / 16QAM





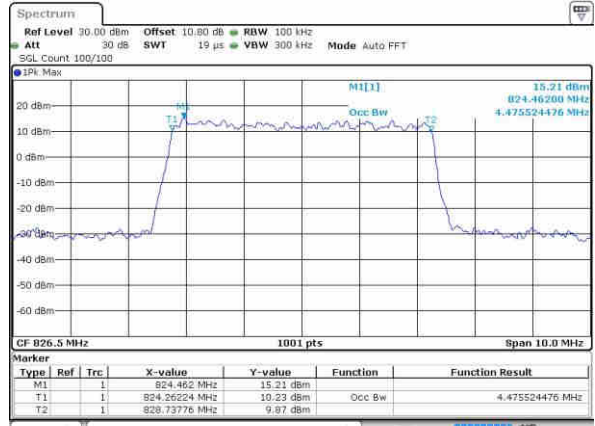
LTE Band 26

Lowest Channel / 5MHz / QPSK



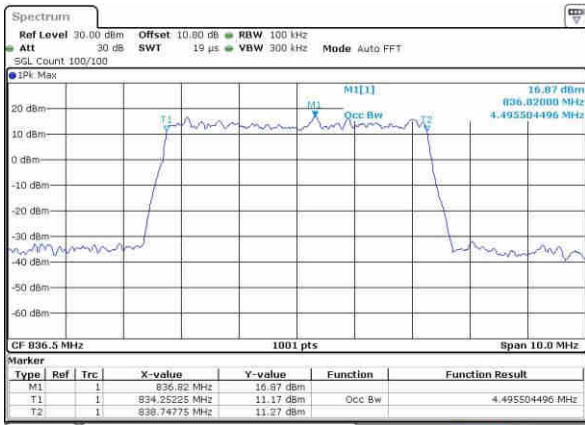
Date: 14 APR 2019 06:41:27

Lowest Channel / 5MHz / 16QAM



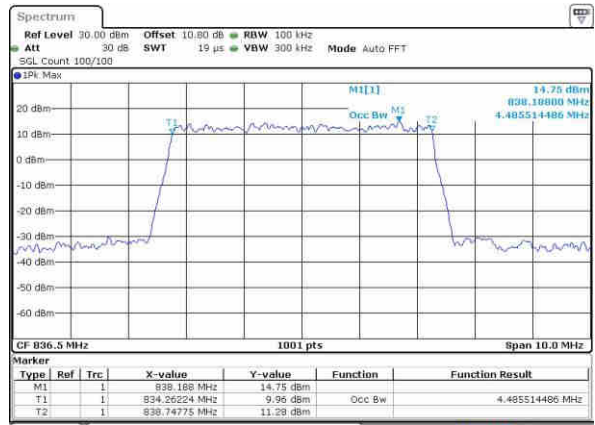
Date: 14 APR 2019 06:41:39

Middle Channel / 5MHz / QPSK



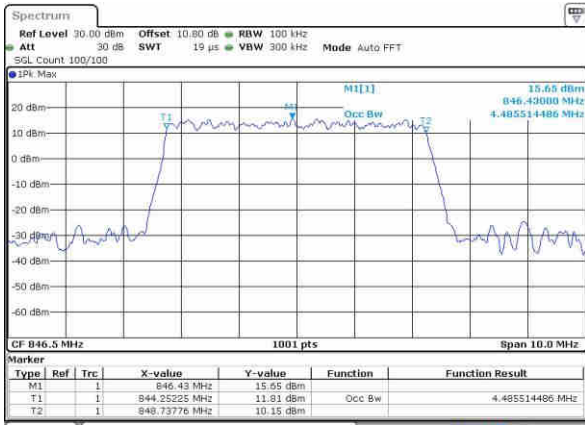
Date: 14 APR 2019 06:47:22

Middle Channel / 5MHz / 16QAM



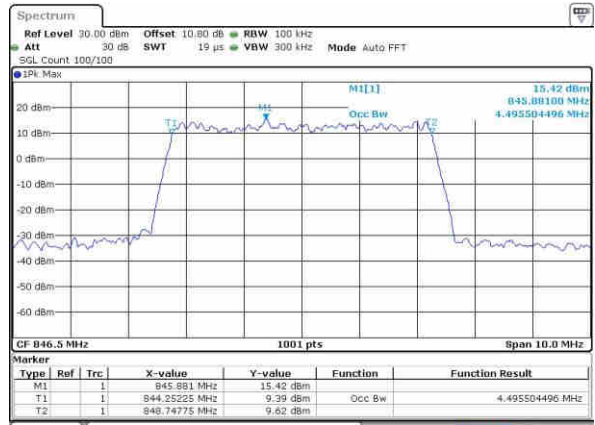
Date: 14 APR 2019 06:47:34

Highest Channel / 5MHz / QPSK



Date: 14 APR 2019 06:49:53

Highest Channel / 5MHz / 16QAM

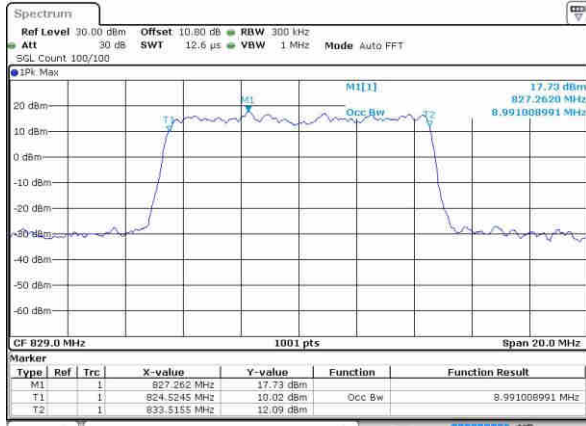


Date: 14 APR 2019 06:50:06



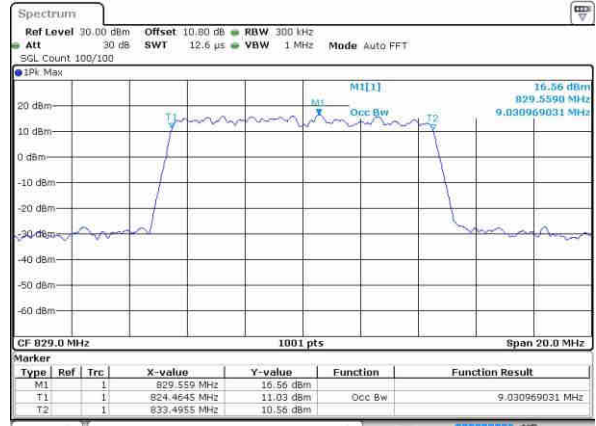
LTE Band 26

Lowest Channel / 10MHz / QPSK



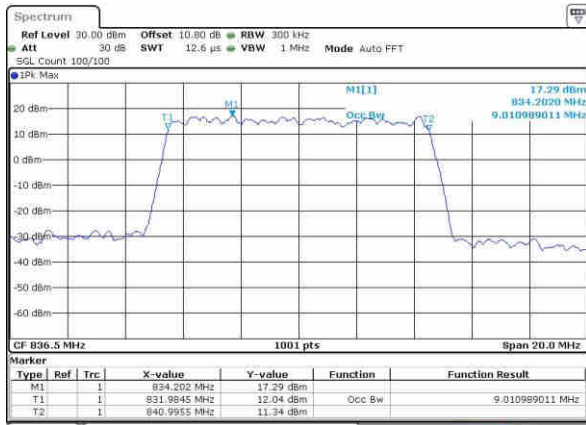
Date: 14 APR 2019 06:55:49

Lowest Channel / 10MHz / 16QAM



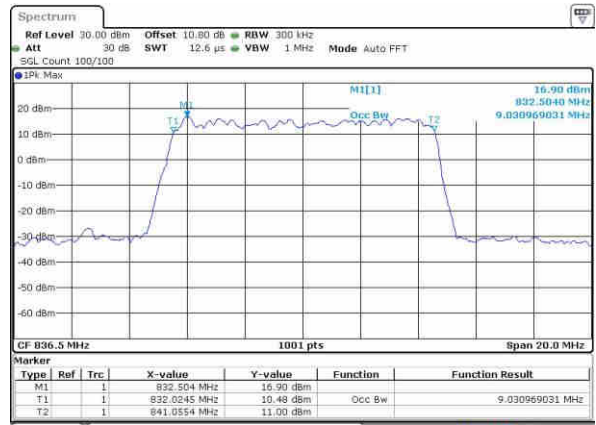
Date: 14 APR 2019 06:56:02

Middle Channel / 10MHz / QPSK



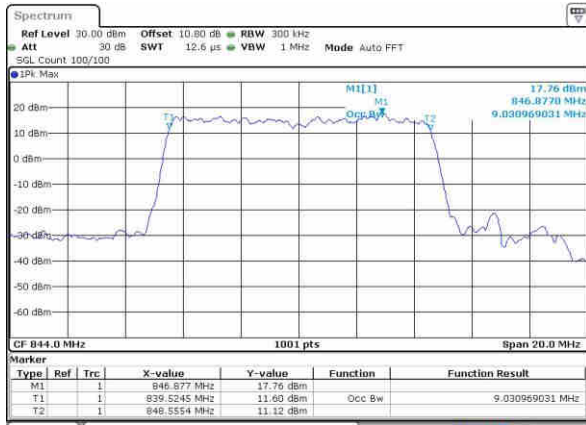
Date: 14 APR 2019 07:01:45

Middle Channel / 10MHz / 16QAM



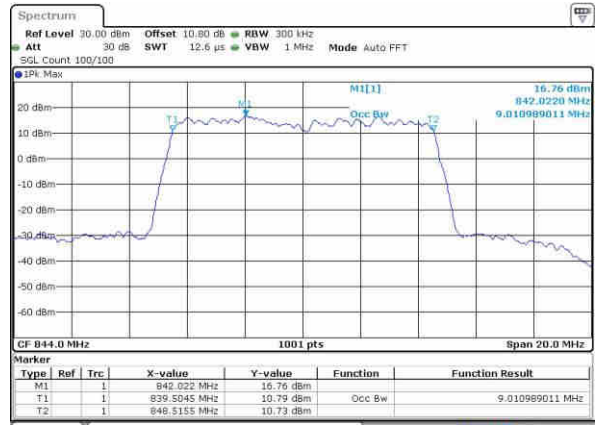
Date: 14 APR 2019 07:01:57

Highest Channel / 10MHz / QPSK



Date: 14 APR 2019 07:04:16

Highest Channel / 10MHz / 16QAM

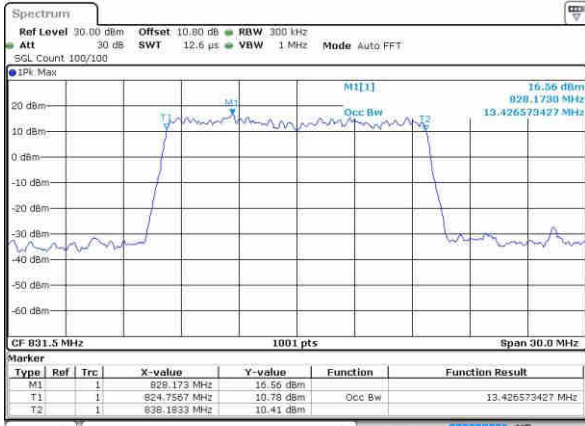


Date: 14 APR 2019 07:04:29



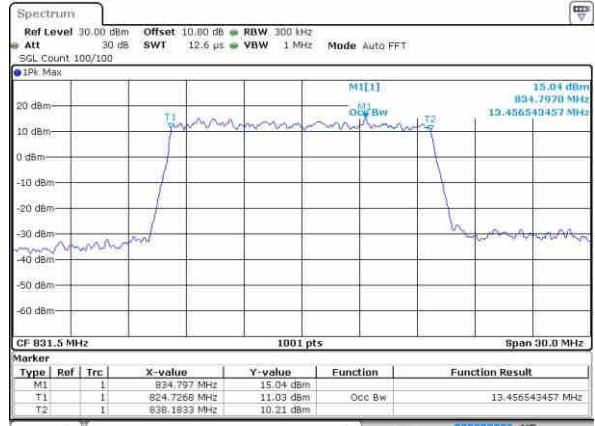
LTE Band 26

Lowest Channel / 15MHz / QPSK



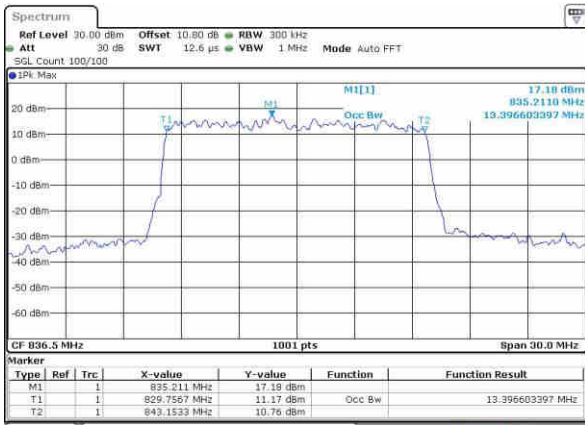
Date: 14 APR 2019 07:10:12

Lowest Channel / 15MHz / 16QAM



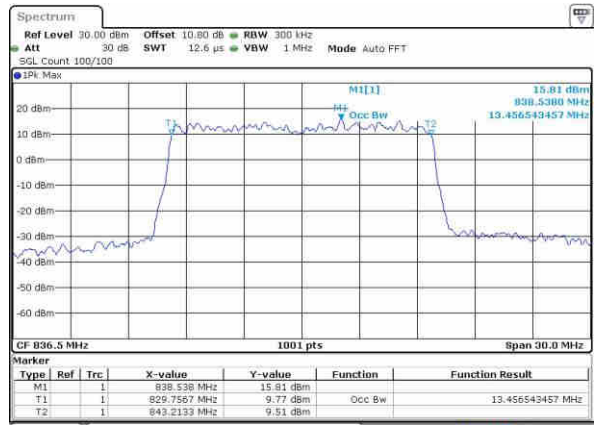
Date: 14 APR 2019 07:10:24

Middle Channel / 15MHz / QPSK



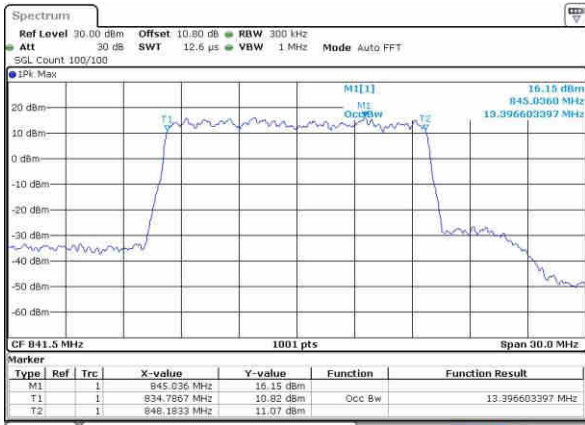
Date: 14 APR 2019 07:16:01

Middle Channel / 15MHz / 16QAM



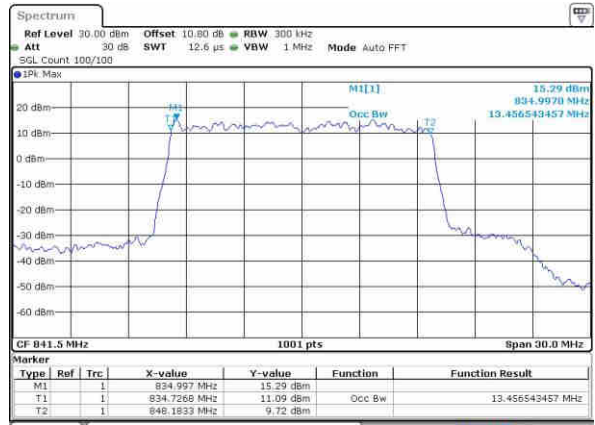
Date: 14 APR 2019 07:16:13

Highest Channel / 15MHz / QPSK



Date: 14 APR 2019 07:18:33

Highest Channel / 15MHz / 16QAM

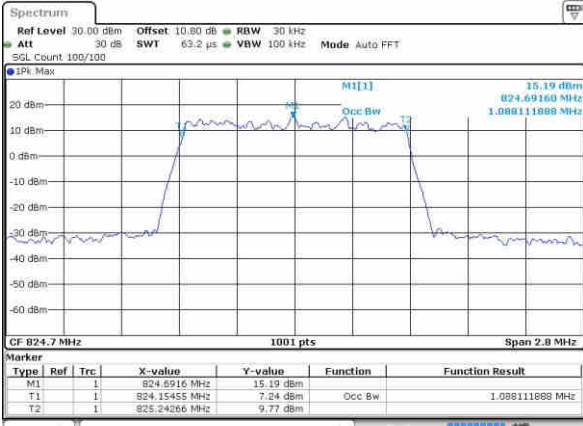


Date: 14 APR 2019 07:18:45



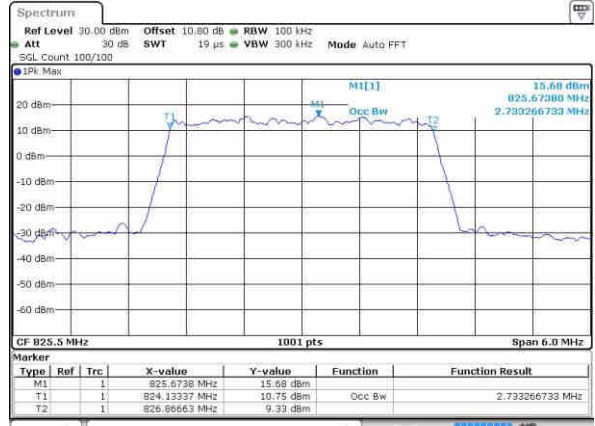
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



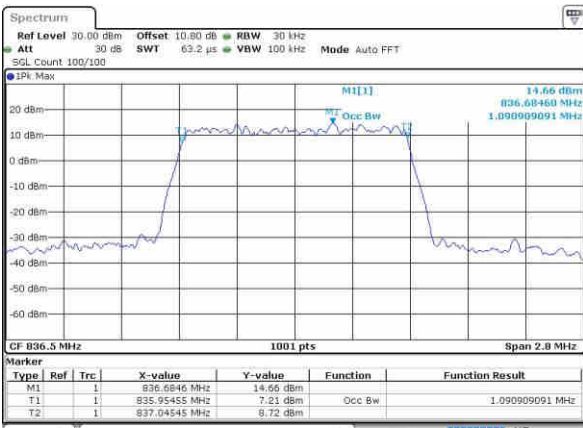
Date: 14 APR 2019 05:42:32

Lowest Channel / 3MHz / 64QAM



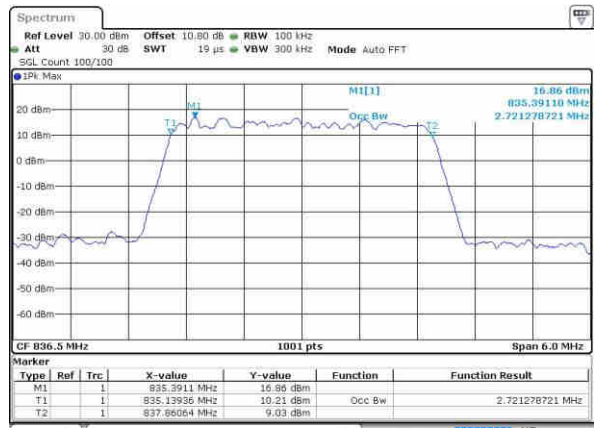
Date: 14 APR 2019 05:53:39

Middle Channel / 1.4MHz / 64QAM



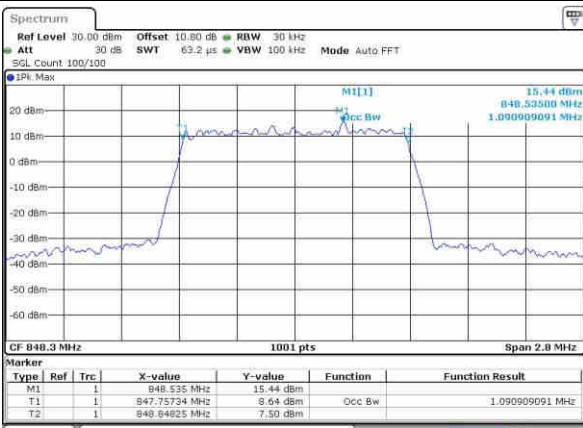
Date: 14 APR 2019 05:47:09

Middle Channel / 3MHz / 64QAM



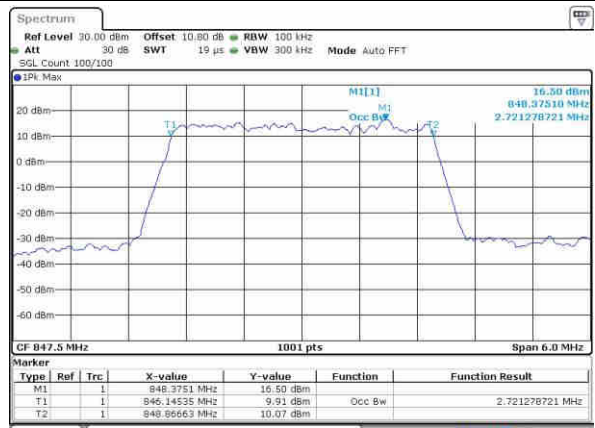
Date: 14 APR 2019 05:56:41

Highest Channel / 1.4MHz / 64QAM



Date: 14 APR 2019 05:48:25

Highest Channel / 3MHz / 64QAM

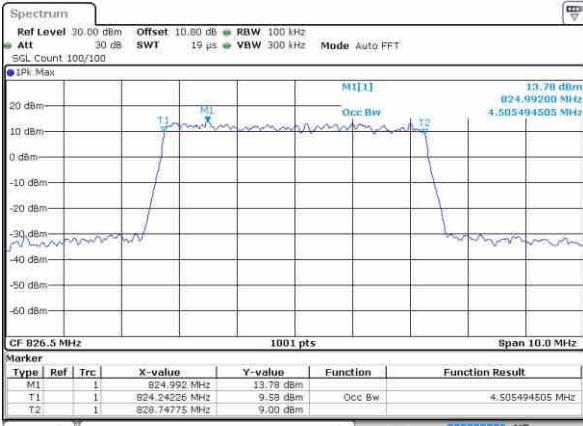


Date: 14 APR 2019 05:57:56



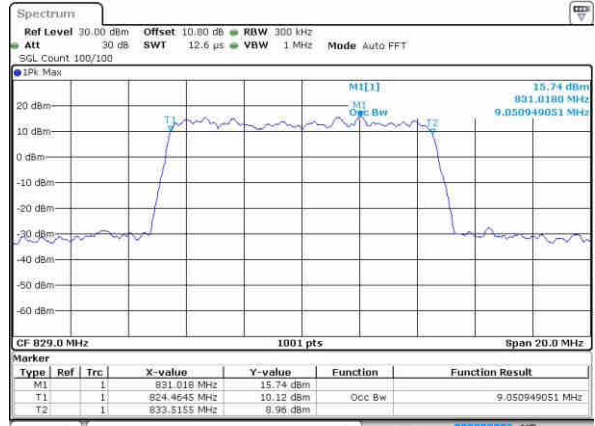
LTE Band 26

Lowest Channel / 5MHz / 64QAM



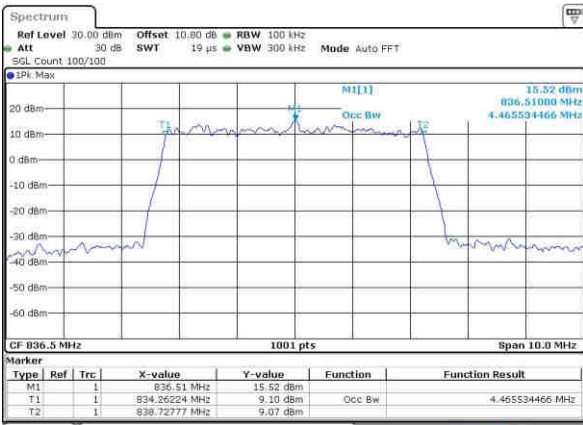
Date: 14 APR 2019 06:01:06

Lowest Channel / 10MHz / 64QAM



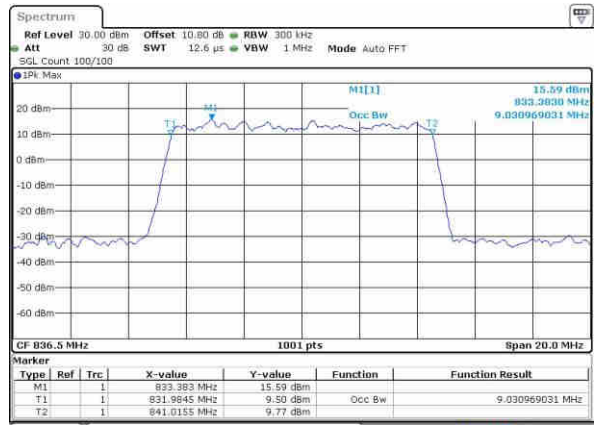
Date: 14 APR 2019 06:08:16

Middle Channel / 5MHz / 64QAM



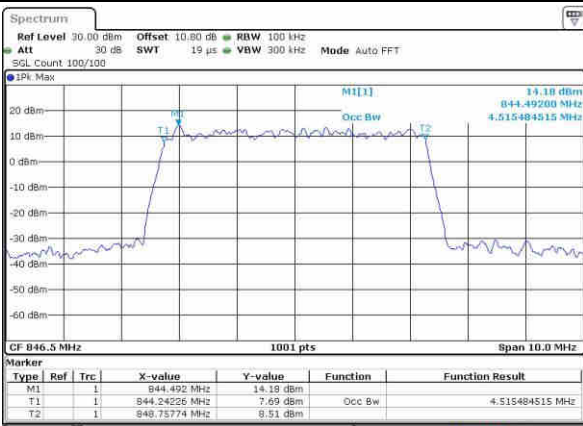
Date: 14 APR 2019 06:04:04

Middle Channel / 10MHz / 64QAM



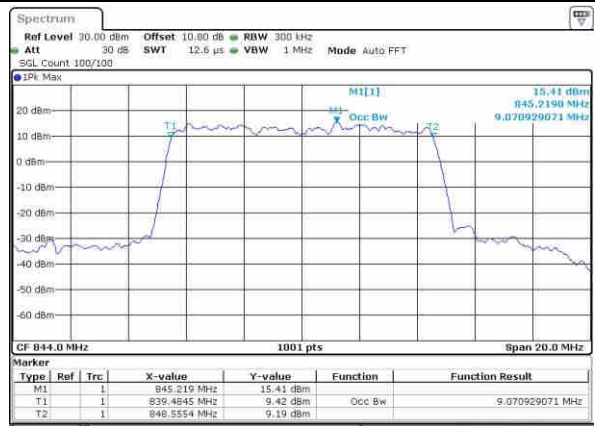
Date: 14 APR 2019 06:11:15

Highest Channel / 5MHz / 64QAM



Date: 14 APR 2019 06:05:20

Highest Channel / 10MHz / 64QAM

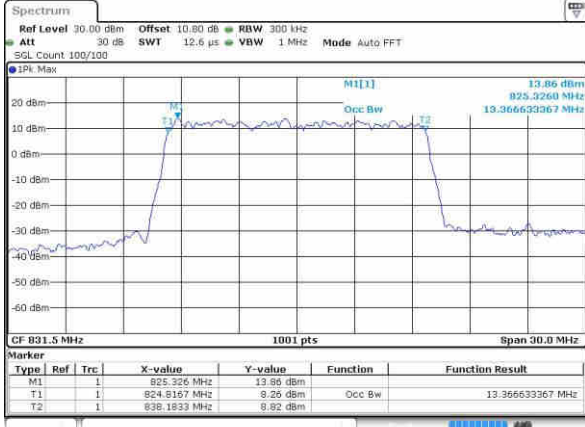


Date: 14 APR 2019 06:12:31



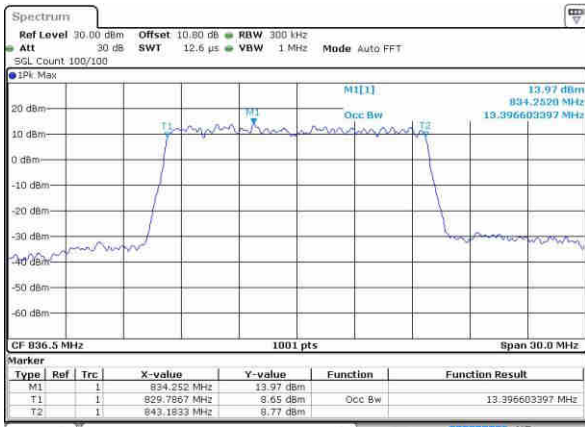
LTE Band 26

Lowest Channel / 15MHz / 64QAM



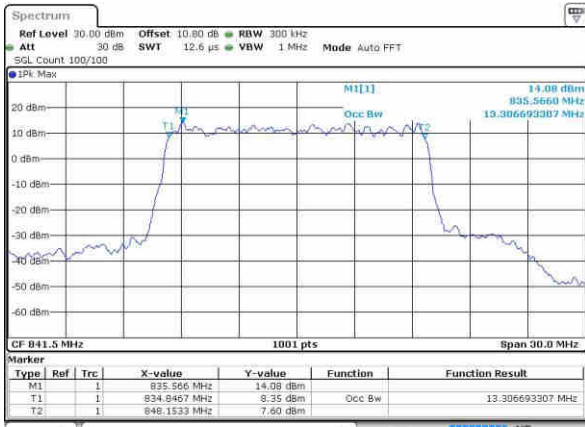
Date: 14 APR 2019 07:24:28

Middle Channel / 15MHz / 64QAM



Date: 14 APR 2019 07:27:23

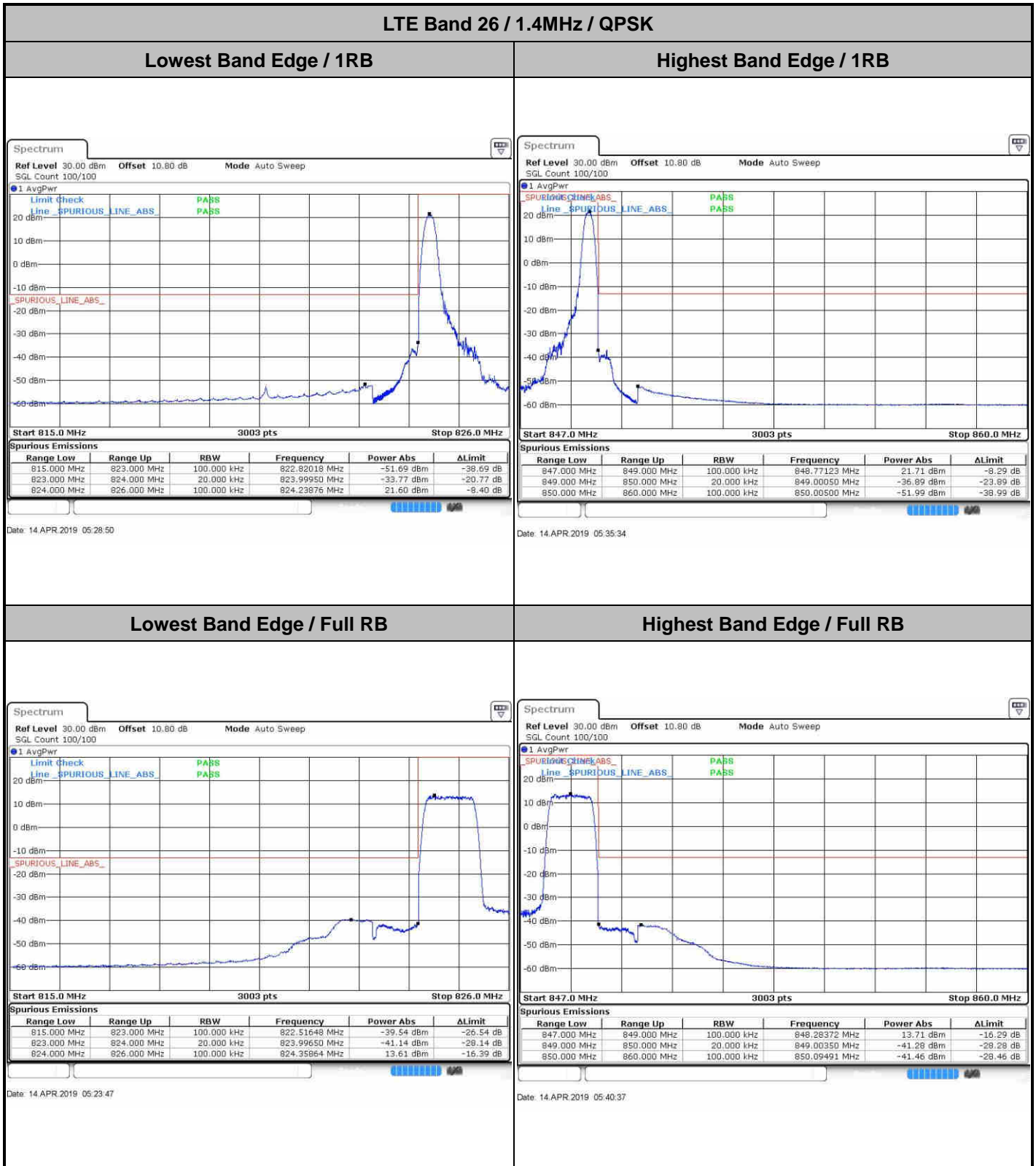
Highest Channel / 15MHz / 64QAM



Date: 14 APR 2019 07:28:39



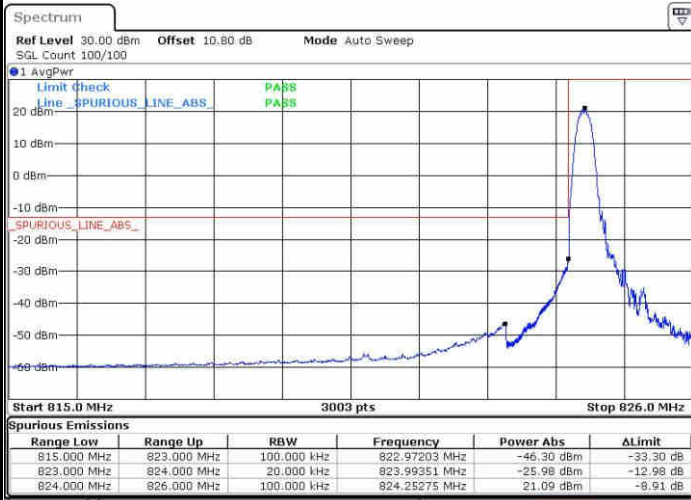
Conducted Band Edge





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 14 APR 2019 05:27:09

Highest Band Edge / 1 RB



Date: 14 APR 2019 05:37:15

Lowest Band Edge / Full RB



Date: 14 APR 2019 05:25:28

Highest Band Edge / Full RB

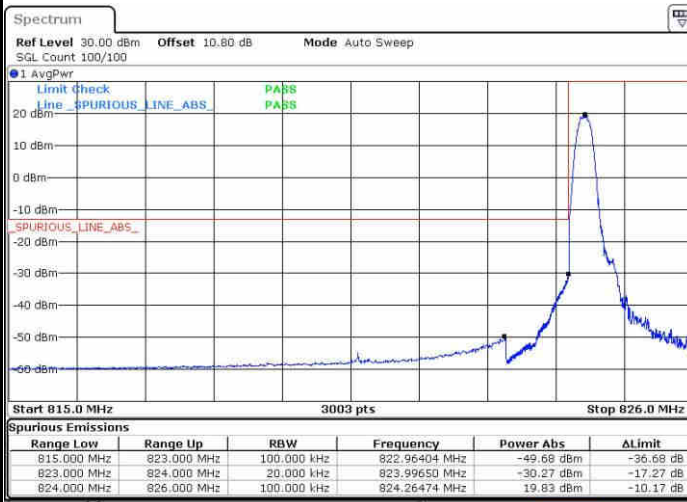


Date: 14 APR 2019 05:38:56



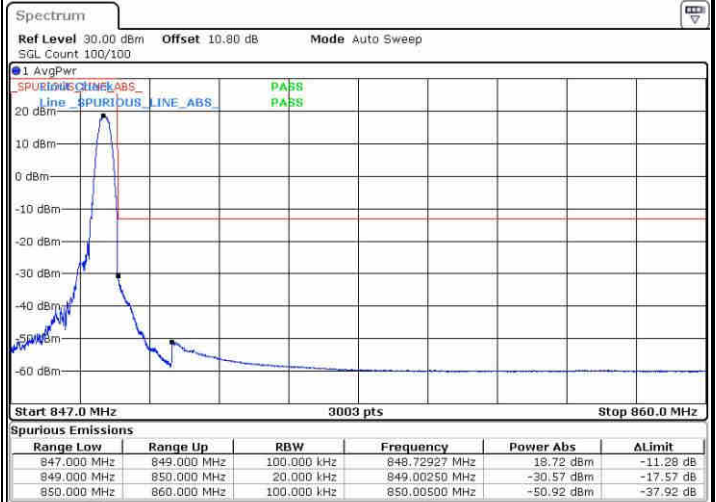
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



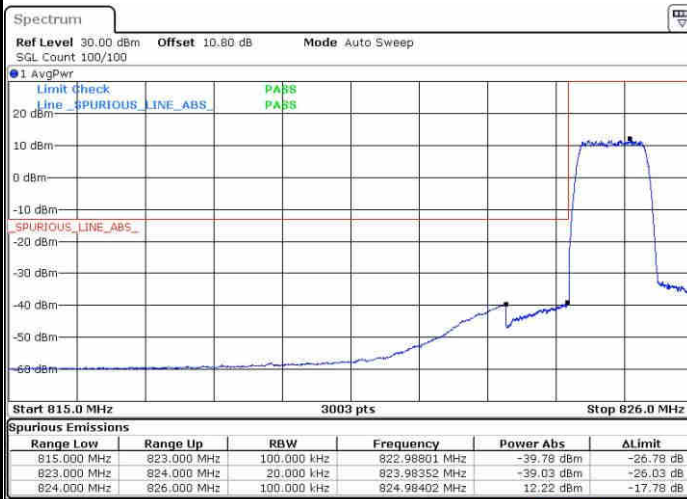
Date: 14 APR 2019 05:46:05

Highest Band Edge / 1 RB



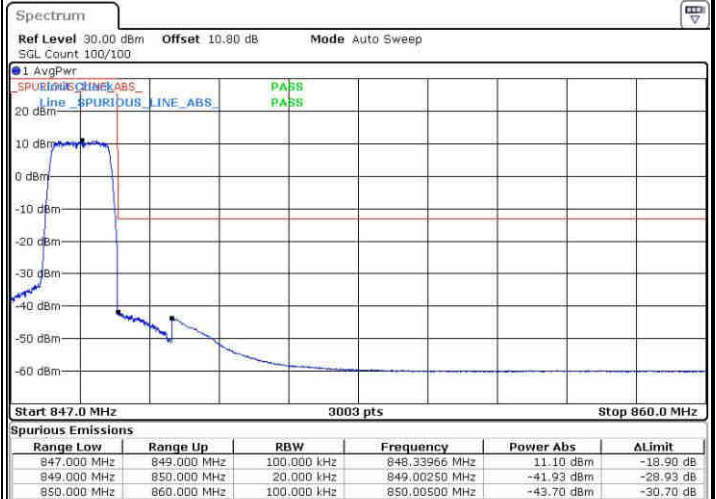
Date: 14 APR 2019 05:50:18

Lowest Band Edge / Full RB



Date: 14 APR 2019 05:44:25

Highest Band Edge / Full RB

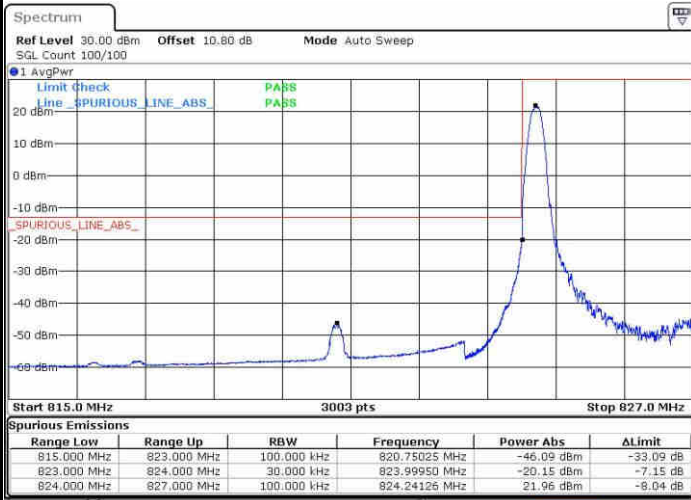


Date: 14 APR 2019 05:51:58



LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



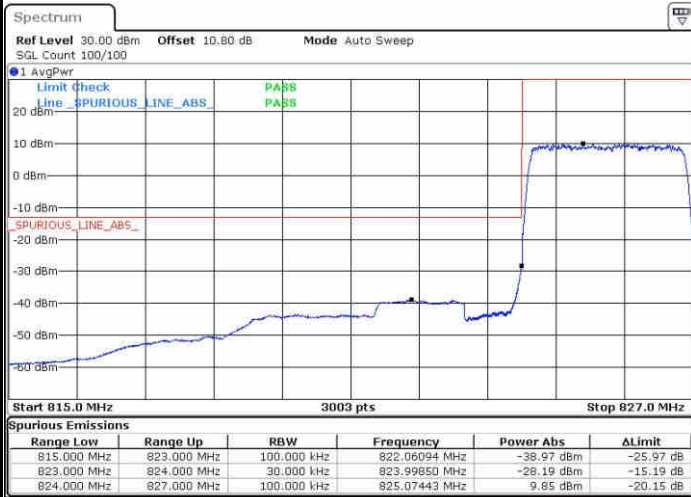
Date: 14 APR 2019 06:30:41

Highest Band Edge / 1 RB



Date: 14 APR 2019 06:36:41

Lowest Band Edge / Full RB



Date: 14 APR 2019 06:28:03

Highest Band Edge / Full RB

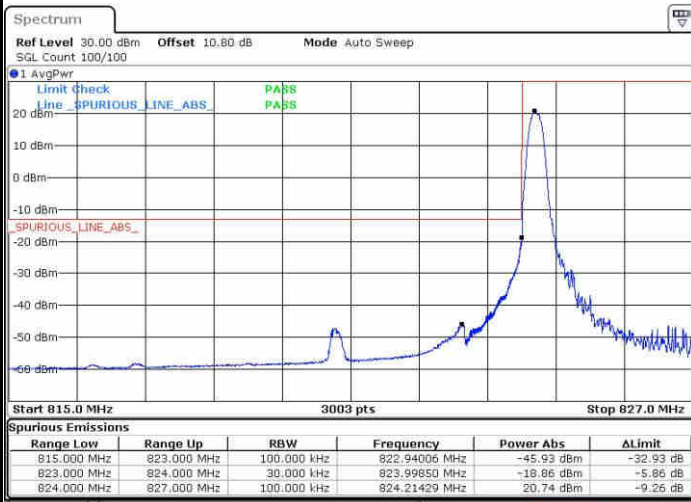


Date: 14 APR 2019 06:39:31



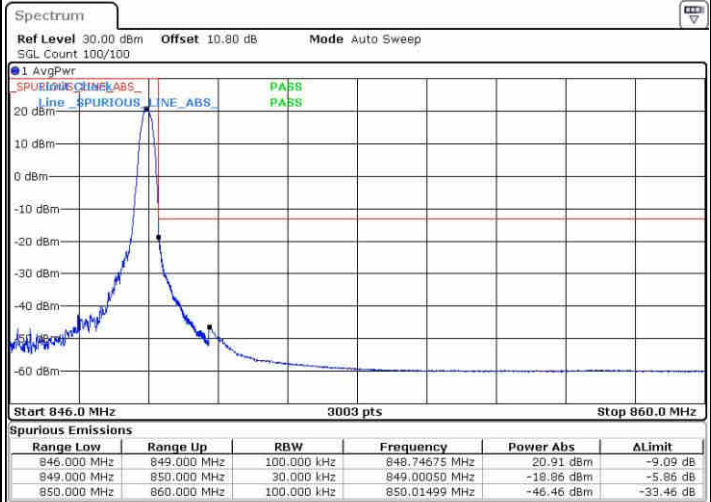
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



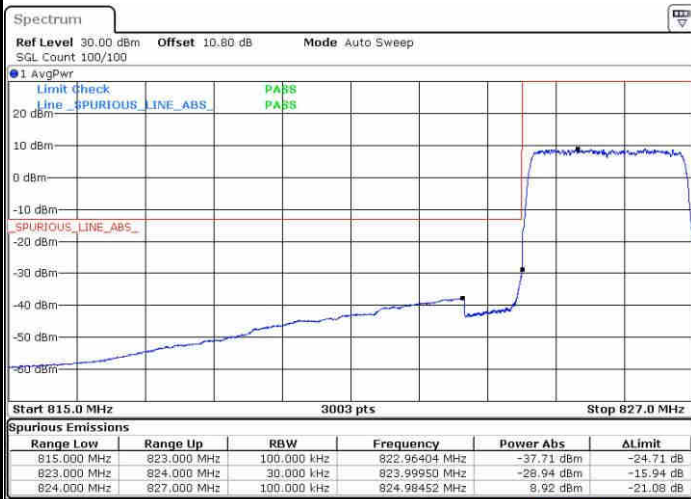
Date: 14 APR 2019 06:29:49

Highest Band Edge / 1 RB



Date: 14 APR 2019 06:37:38

Lowest Band Edge / Full RB



Date: 14 APR 2019 06:28:56

Highest Band Edge / Full RB

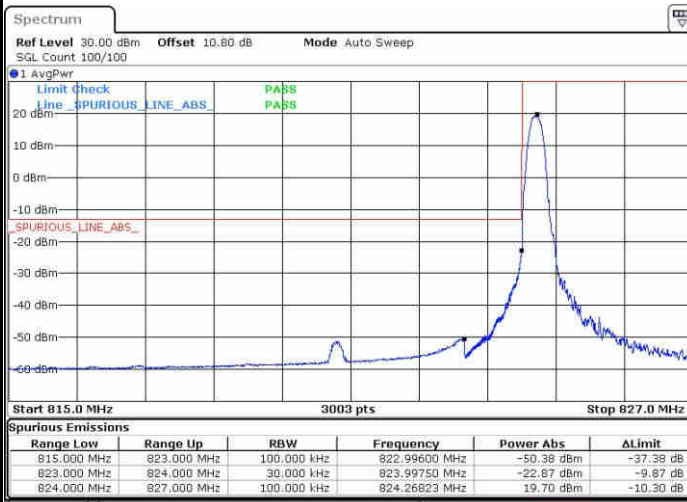


Date: 14 APR 2019 06:38:35



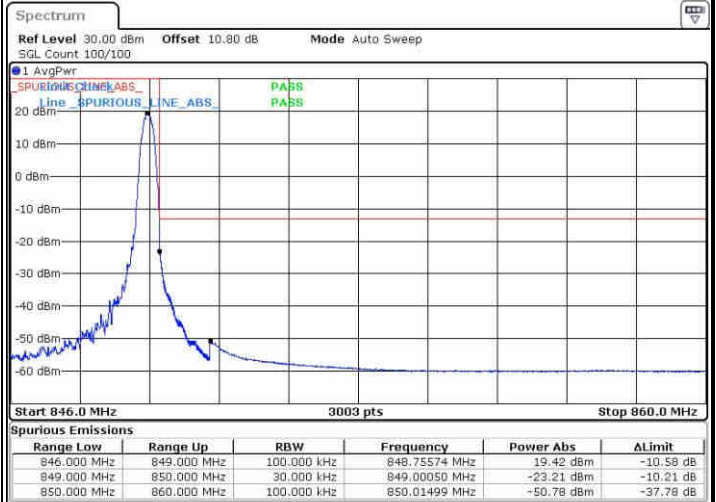
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



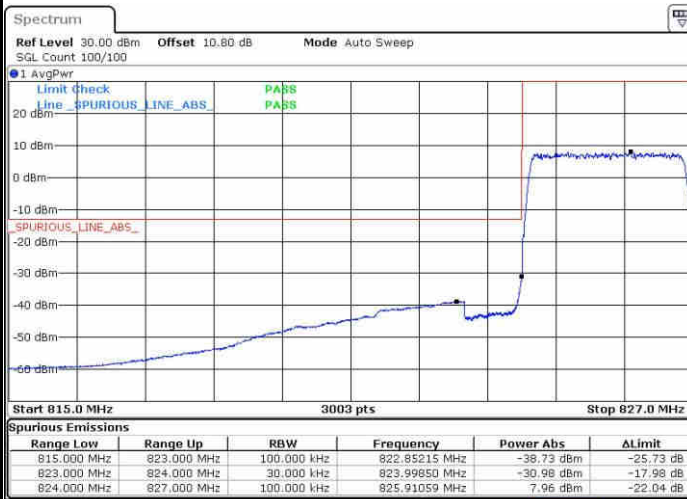
Date: 14 APR 2019 05:55:36

Highest Band Edge / 1 RB



Date: 14 APR 2019 05:59:05

Lowest Band Edge / Full RB



Date: 14 APR 2019 05:54:44

Highest Band Edge / Full RB

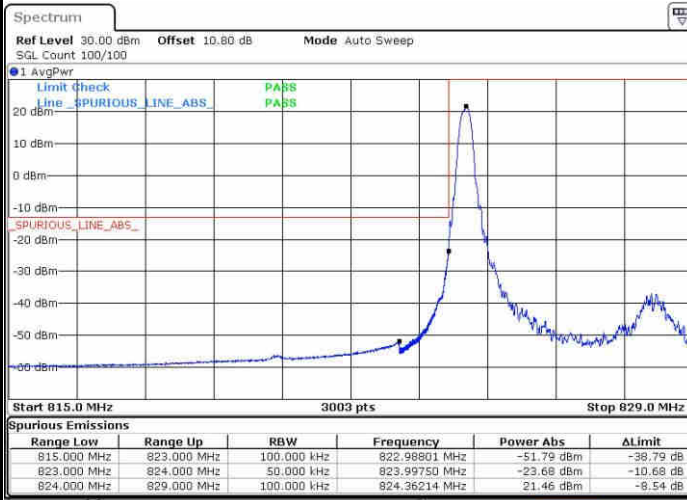


Date: 14 APR 2019 06:00:02



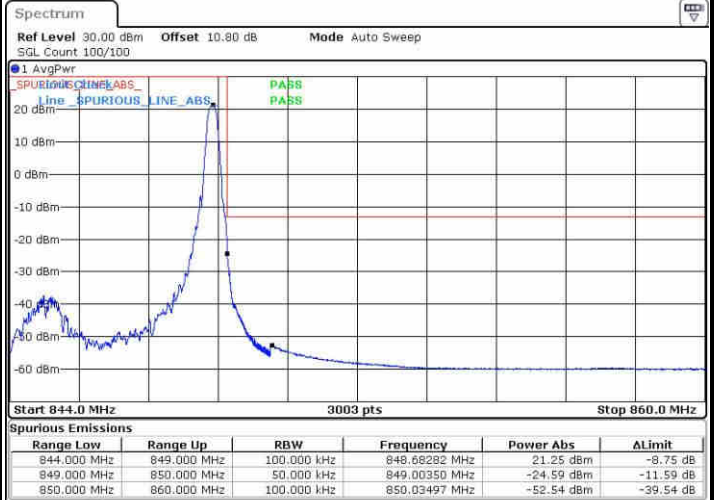
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



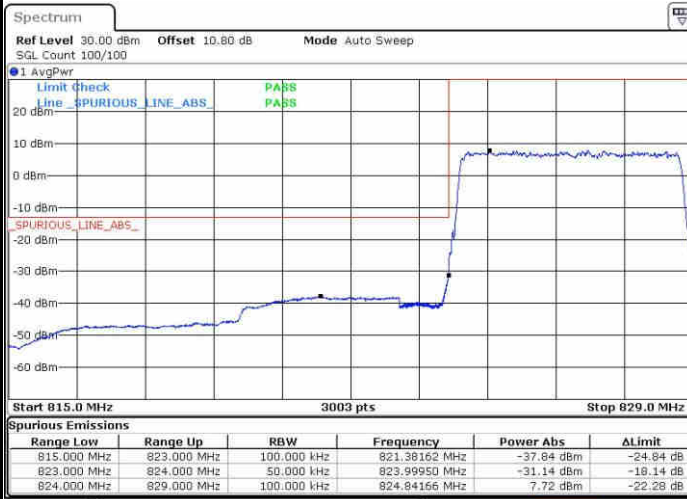
Date: 14 APR 2019 06:45:27

Highest Band Edge / 1 RB



Date: 14 APR 2019 06:51:21

Lowest Band Edge / Full RB



Date: 14 APR 2019 06:42:54

Highest Band Edge / Full RB

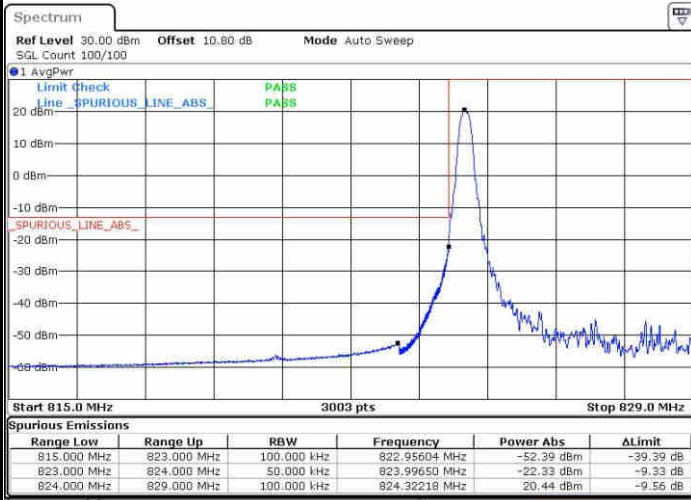


Date: 14 APR 2019 06:53:54



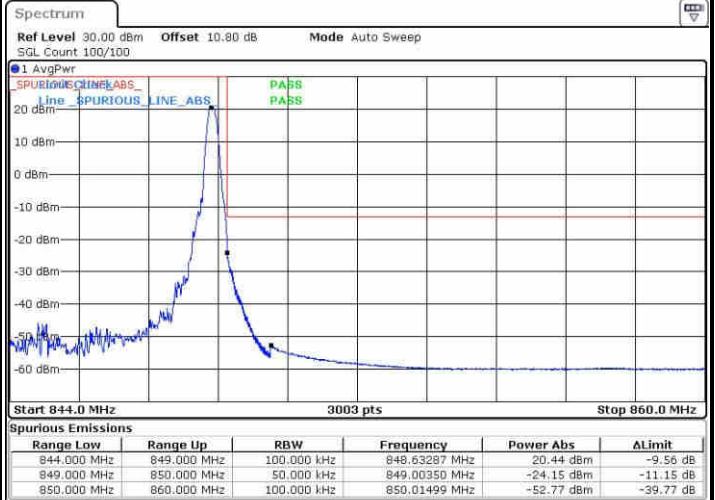
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



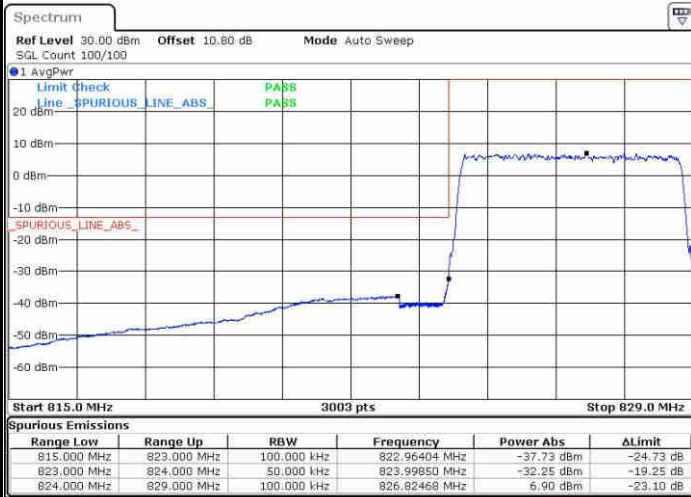
Date: 14 APR 2019 06:44:36

Highest Band Edge / 1 RB



Date: 14 APR 2019 06:52:12

Lowest Band Edge / Full RB



Date: 14 APR 2019 06:43:45

Highest Band Edge / Full RB

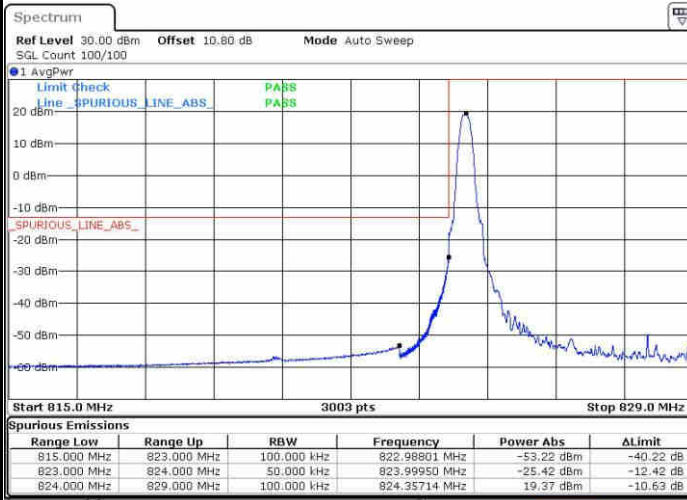


Date: 14 APR 2019 06:53:03



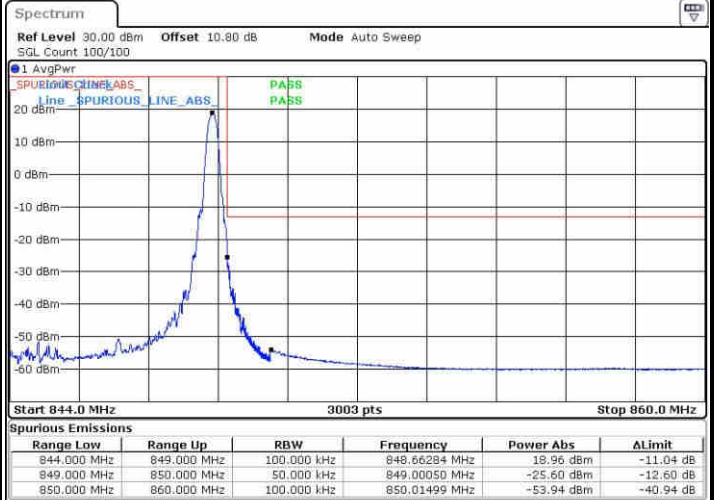
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



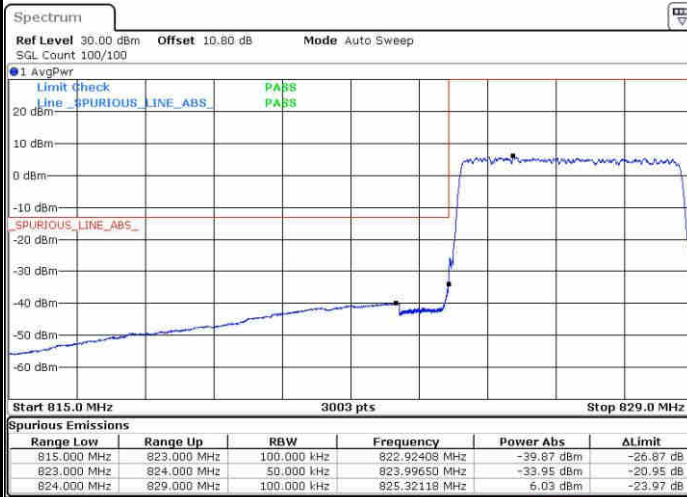
Date: 14 APR 2019 06:03:00

Highest Band Edge / 1 RB



Date: 14 APR 2019 06:06:22

Lowest Band Edge / Full RB



Date: 14 APR 2019 06:02:09

Highest Band Edge / Full RB

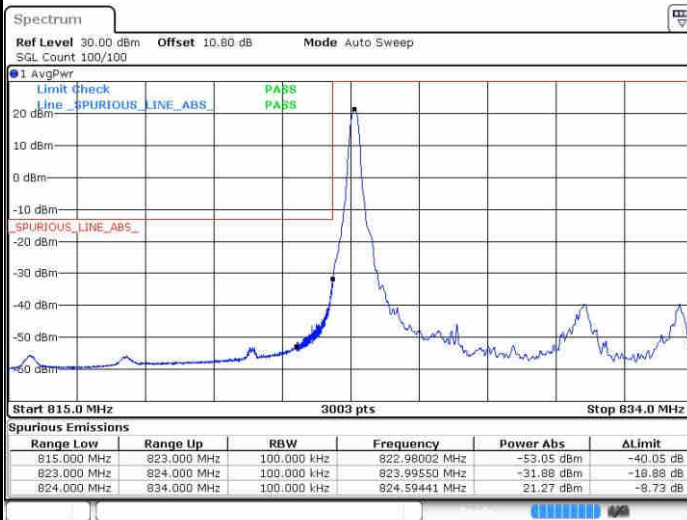


Date: 14 APR 2019 06:07:13

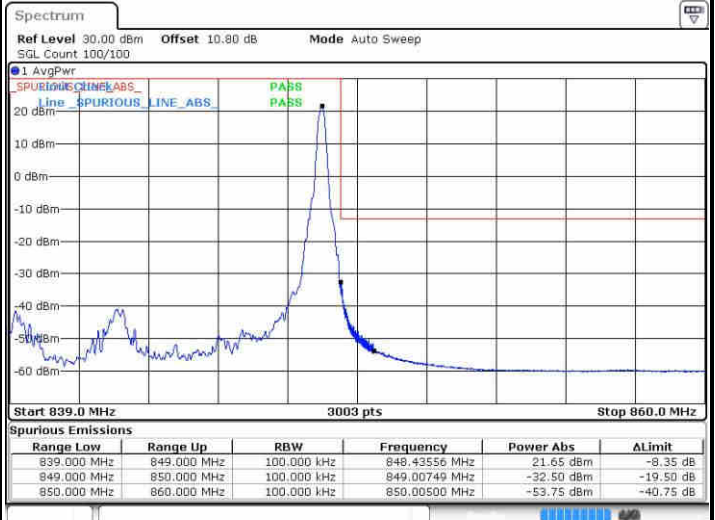


LTE Band 26 / 10MHz / QPSK

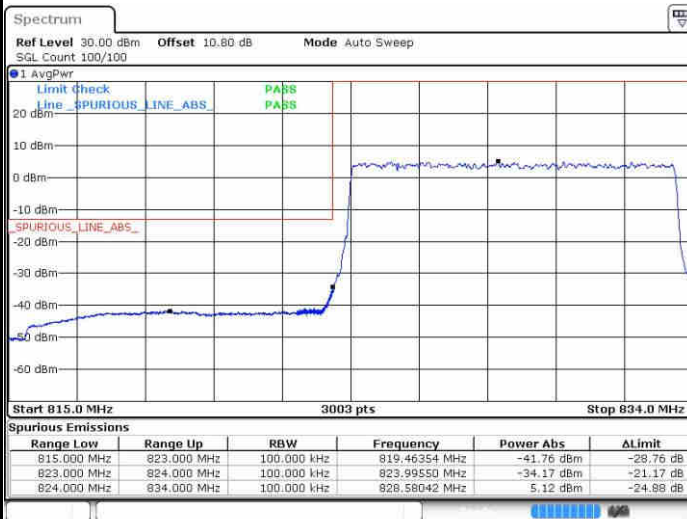
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

