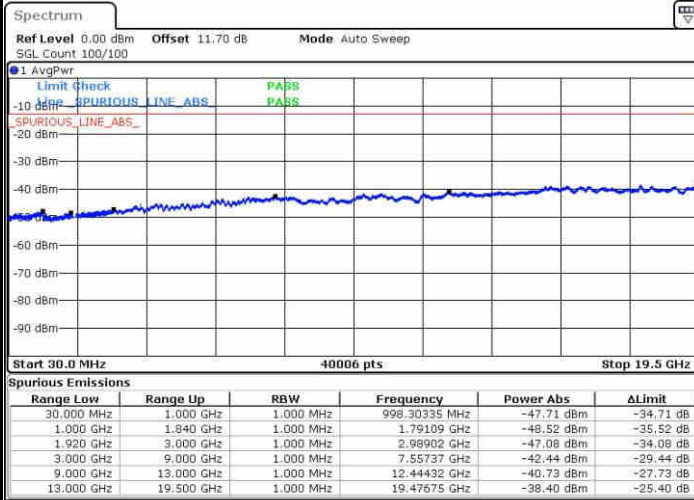




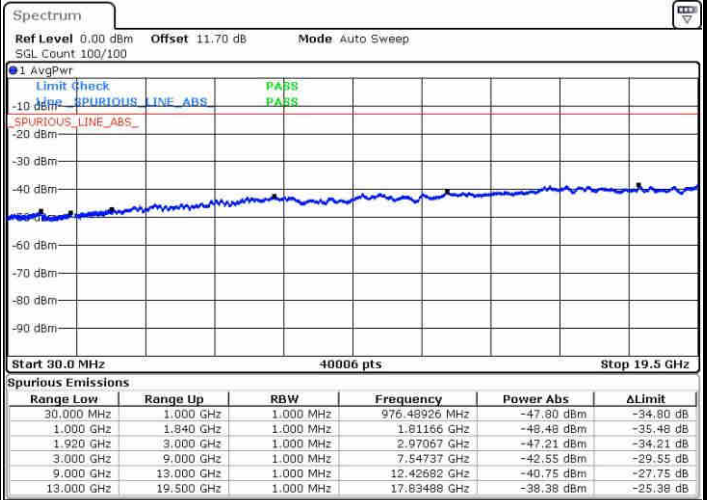
LTE Band 25 / 20MHz

Middle Channel / QPSK



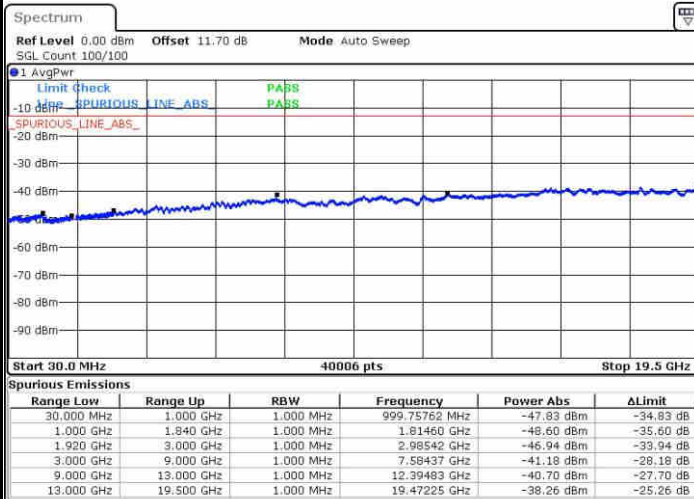
Date: 27 APR 2019 01:07:31

Middle Channel / 16QAM



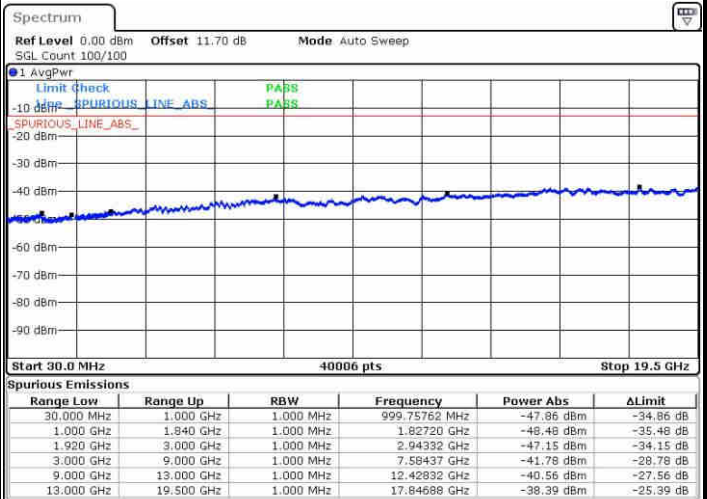
Date: 27 APR 2019 01:08:12

Highest Channel / QPSK



Date: 27 APR 2019 01:13:47

Highest Channel / 16QAM

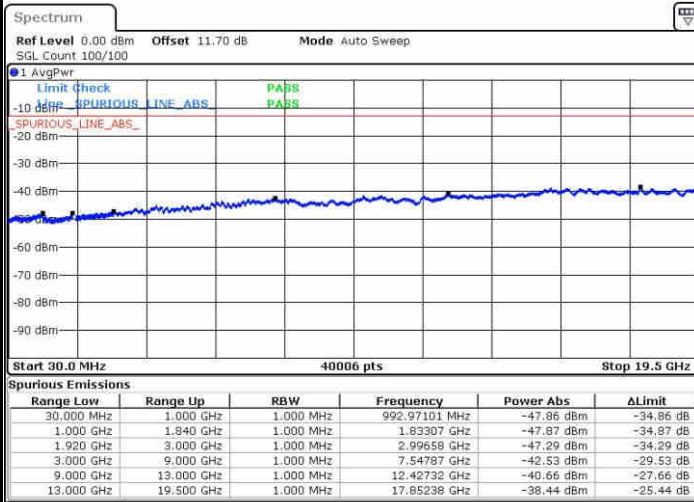


Date: 27 APR 2019 01:14:29



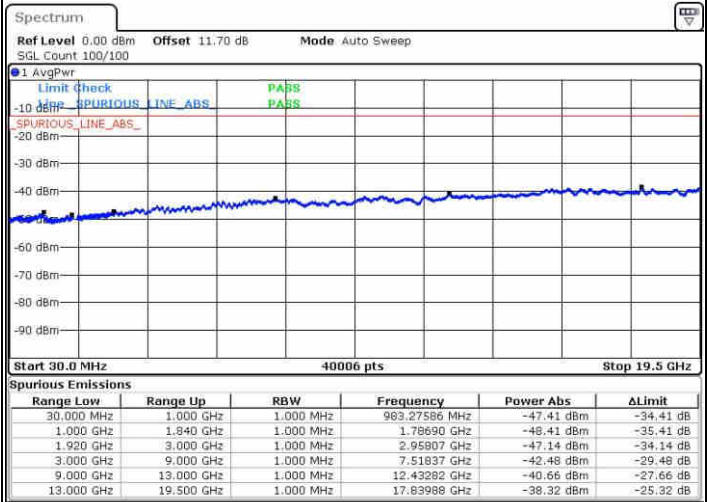
LTE Band 25 / 1.4MHz

Lowest Channel / 64QAM



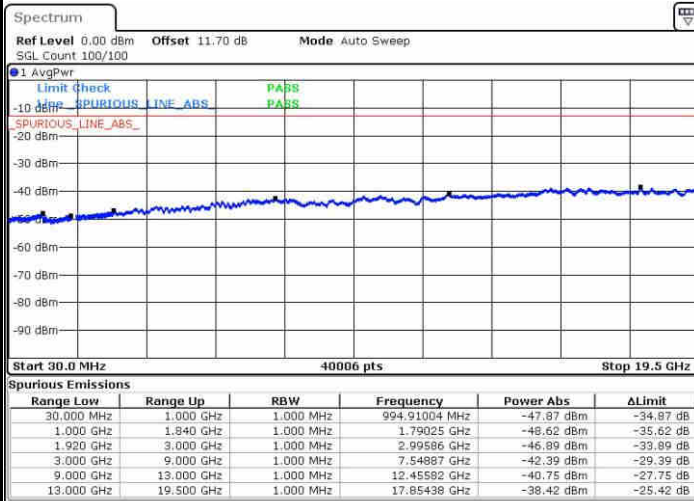
Date: 26 APR 2019 18:17:11

Middle Channel / 64QAM



Date: 26 APR 2019 18:18:17

Highest Channel / 64QAM

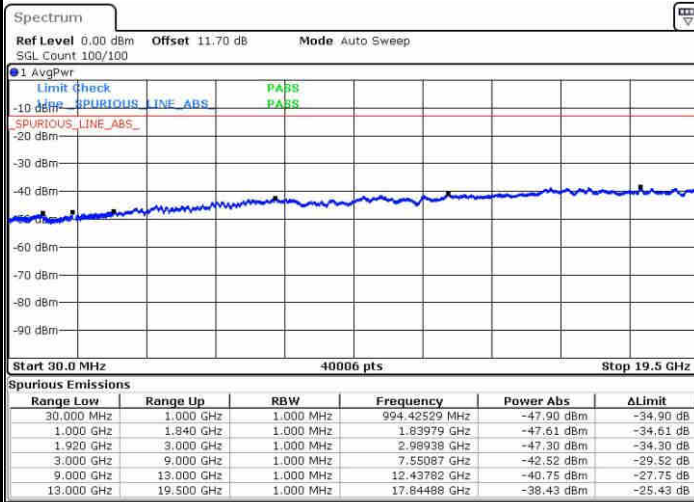


Date: 26 APR 2019 18:21:41



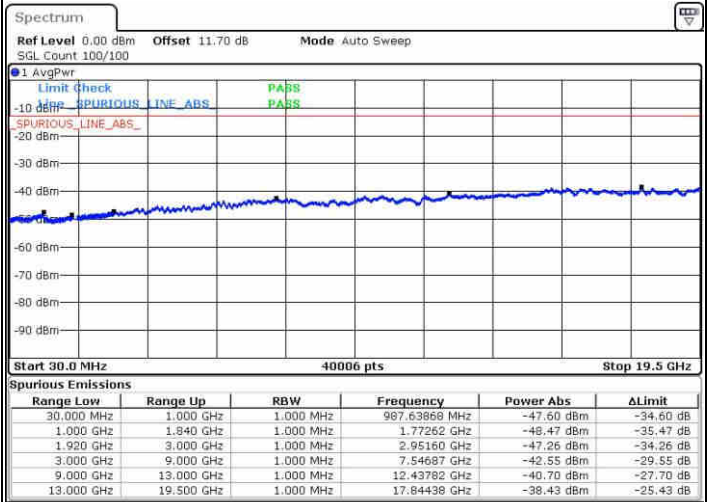
LTE Band 25 / 3MHz

Lowest Channel / 64QAM



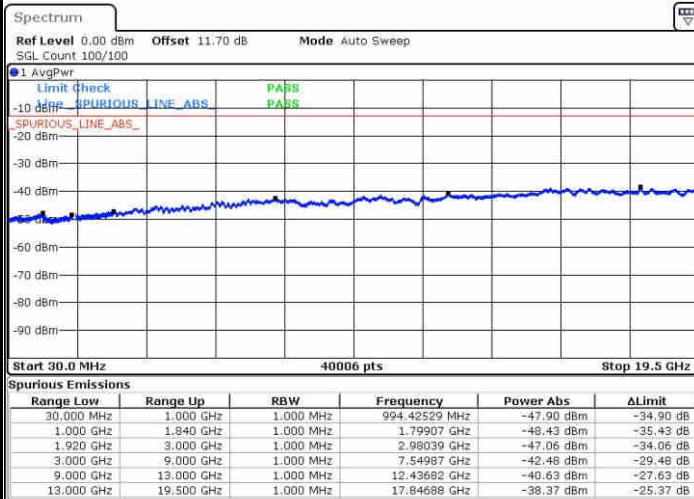
Date: 26 APR 2019 18:24:50

Middle Channel / 64QAM



Date: 26 APR 2019 18:25:56

Highest Channel / 64QAM

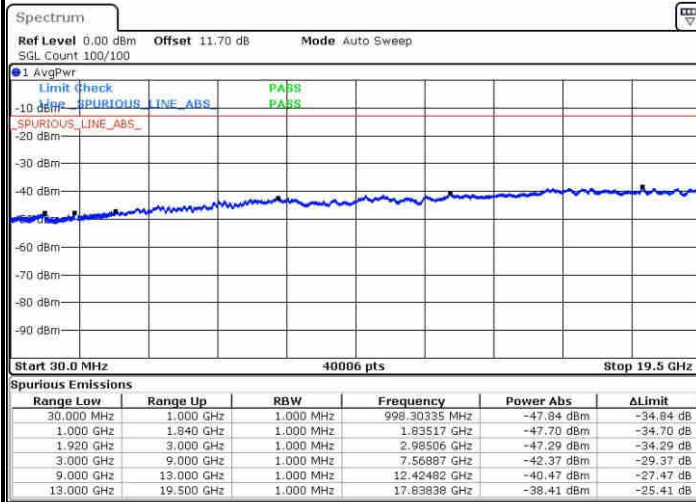


Date: 26 APR 2019 18:29:04



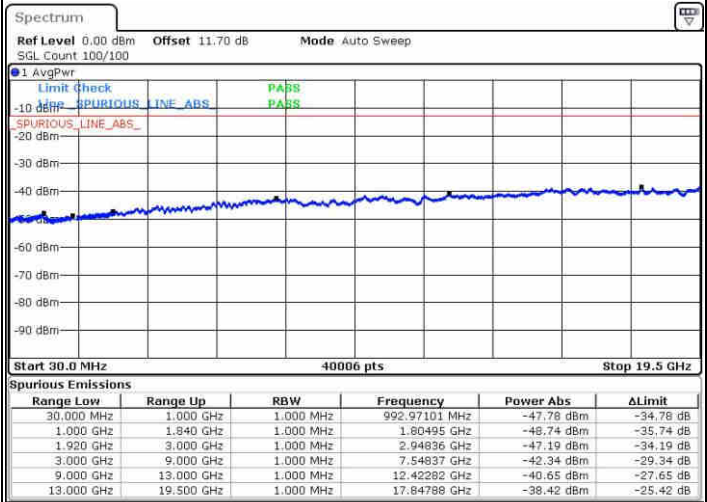
LTE Band 25 / 5MHz

Lowest Channel / 64QAM



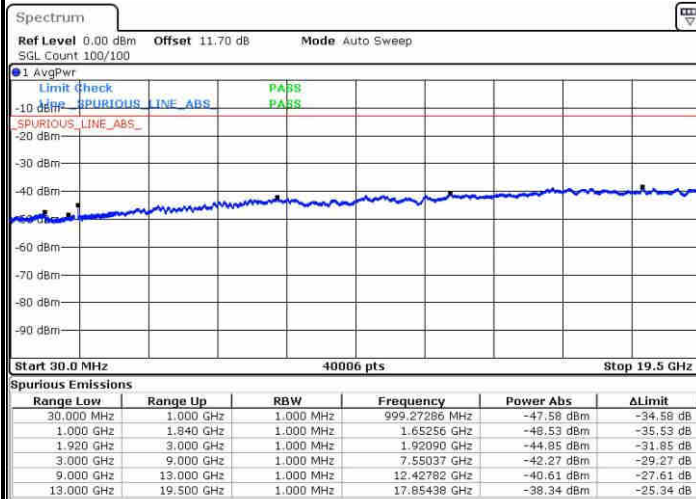
Date: 27 APR 2019 00:11:12

Middle Channel / 64QAM



Date: 27 APR 2019 00:12:18

Highest Channel / 64QAM

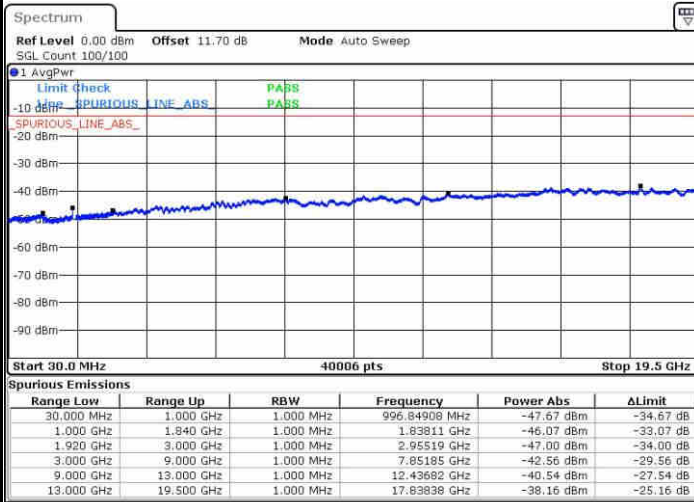


Date: 27 APR 2019 00:15:26



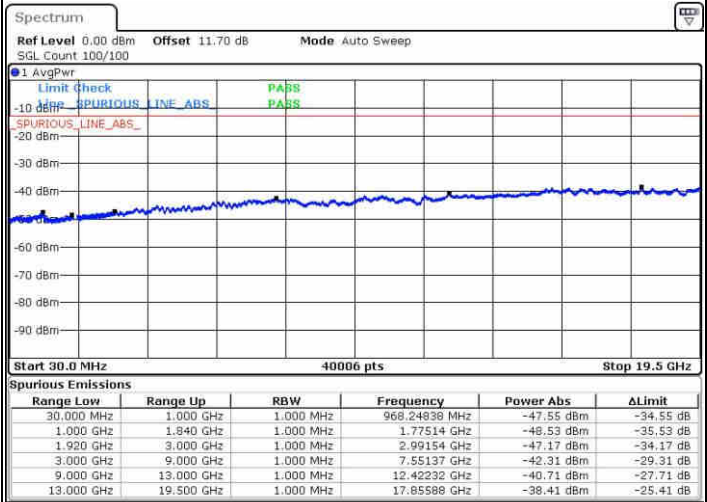
LTE Band 25 / 10MHz

Lowest Channel / 64QAM



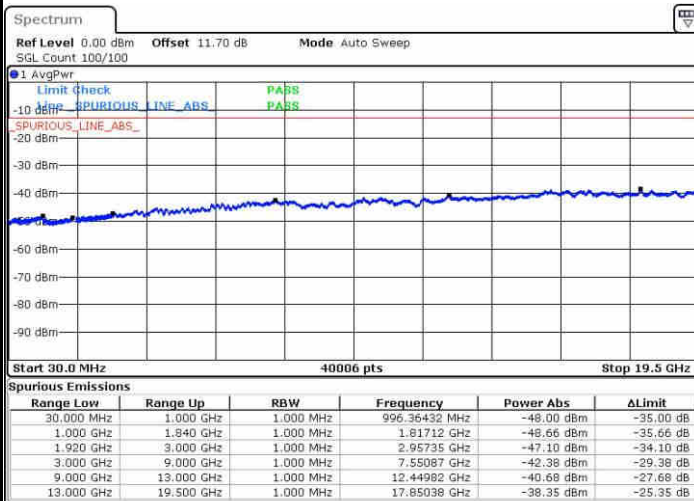
Date: 27 APR 2019 00:33:20

Middle Channel / 64QAM



Date: 27 APR 2019 00:34:26

Highest Channel / 64QAM

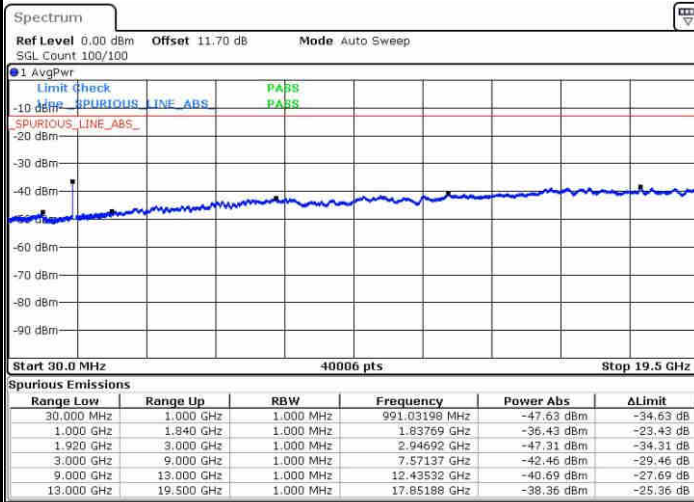


Date: 27 APR 2019 00:37:34



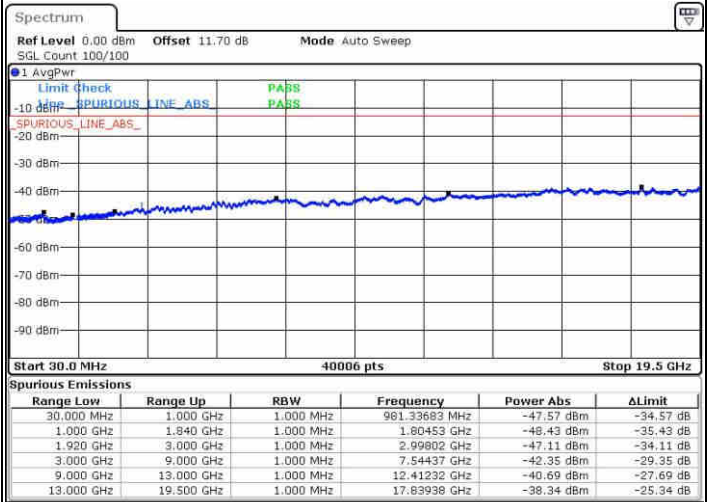
LTE Band 25 / 15MHz

Lowest Channel / 64QAM



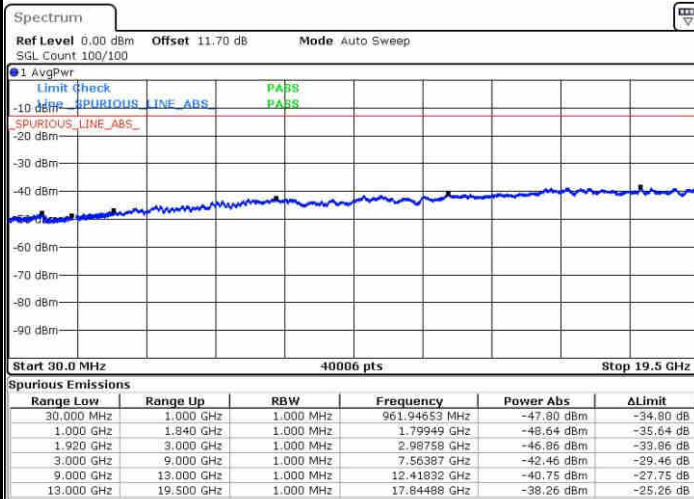
Date: 27 APR 2019 00:40:42

Middle Channel / 64QAM



Date: 27 APR 2019 00:41:48

Highest Channel / 64QAM

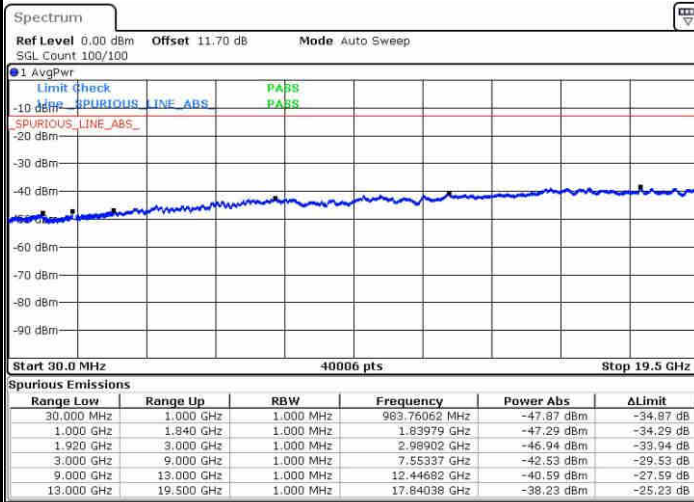


Date: 27 APR 2019 00:44:56



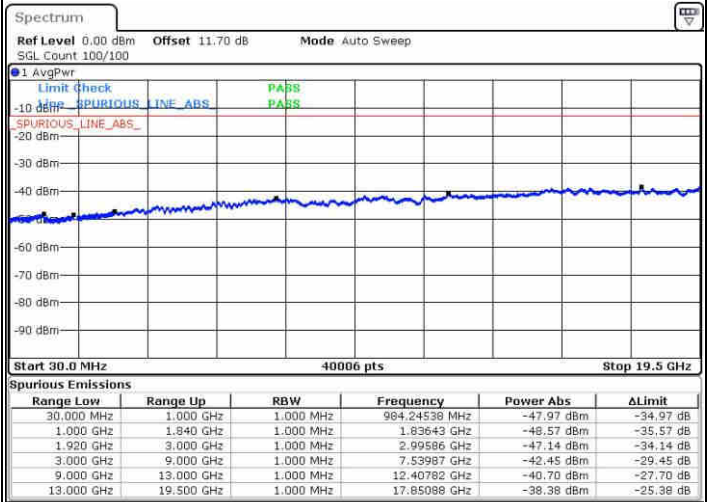
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



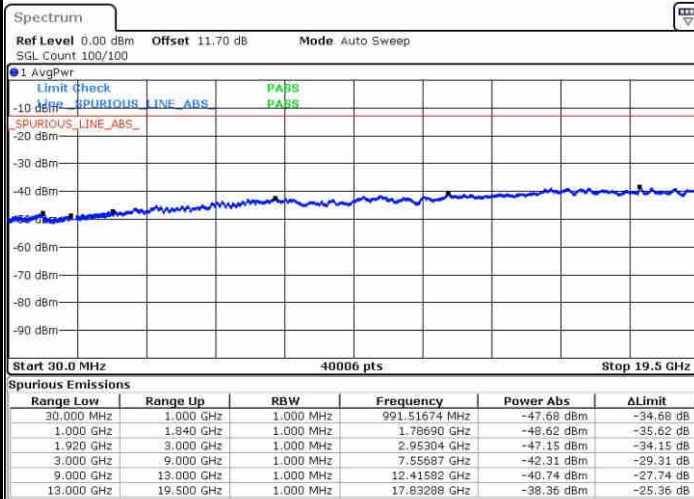
Date: 27 APR 2019 01:17:37

Middle Channel / 64QAM



Date: 27 APR 2019 01:18:43

Highest Channel / 64QAM



Date: 27 APR 2019 01:21:51

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	0.0104	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0065	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0115	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

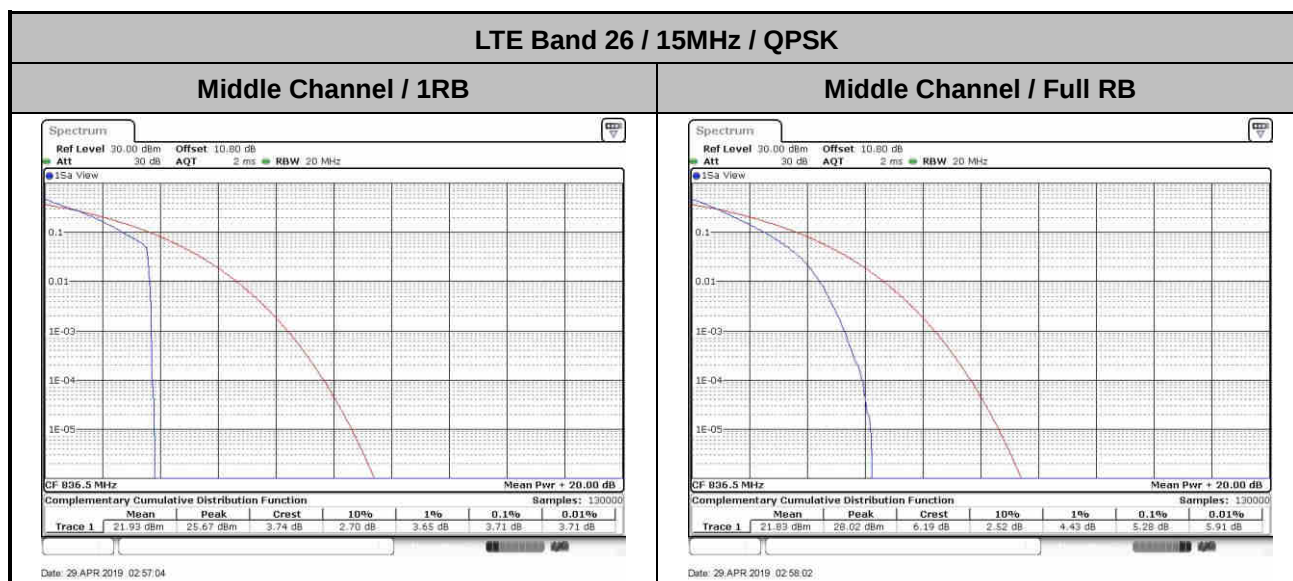
Note:

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	3.51	5.33	4.23	6.09	PASS
Middle CH	3.71	5.28	4.35	6.06	
Highest CH	3.65	5.30	4.20	6.14	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.16	6.81	-	-	PASS
Middle CH	5.54	6.46	-	-	
Highest CH	5.13	6.46	-	-	



LTE Band 26 / 15MHz / 16QAM
Middle Channel / 1RB


Date: 29 APR 2019 02:57:38

Middle Channel / Full RB


Date: 29 APR 2019 02:57:51

LTE Band 26 / 15MHz / 64QAM
Middle Channel / 1RB


Date: 29 APR 2019 02:58:26

Middle Channel / Full RB


Date: 29 APR 2019 02:58:46

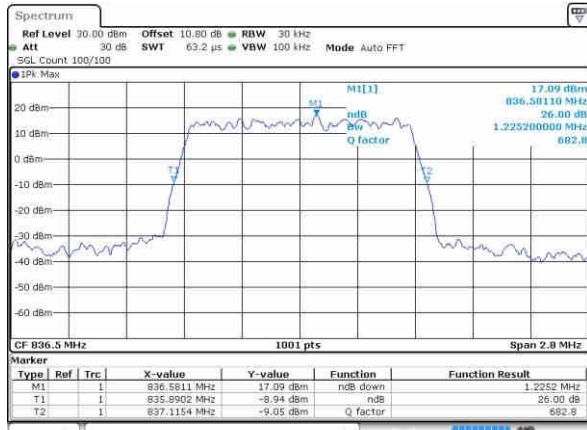
**26dB Bandwidth**

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	1.22	1.23	3.02	2.99	4.87	4.91	9.61	9.89	14.23	14.41	-	-
Middle CH	1.23	1.23	3.02	3.02	4.97	4.87	9.87	9.79	14.45	14.18	-	-
Highest CH	1.22	1.21	2.98	3.00	4.90	4.92	9.99	9.73	14.24	14.36	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	2.97	-	4.95	-	9.91	-	14.27	-	-	-
Middle CH	1.21	-	2.99	-	4.88	-	9.81	-	14.45	-	-	-
Highest CH	1.24	-	3.00	-	4.88	-	9.77	-	14.39	-	-	-



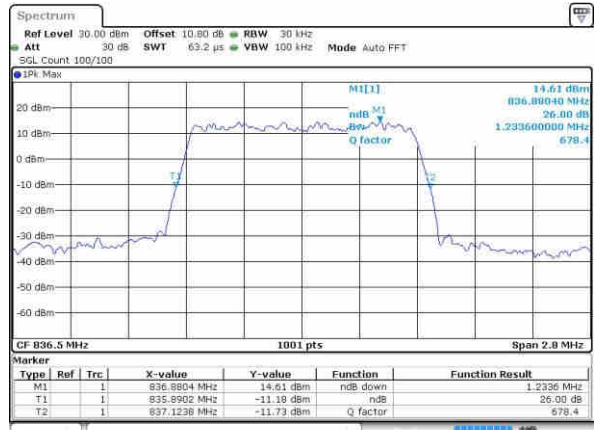
LTE Band 26

Middle Channel / 1.4MHz / QPSK



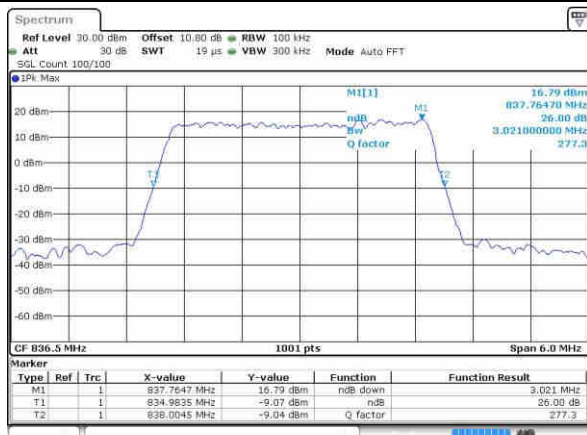
Date: 29 APR 2019 01:17:33

Middle Channel / 1.4MHz / 16QAM



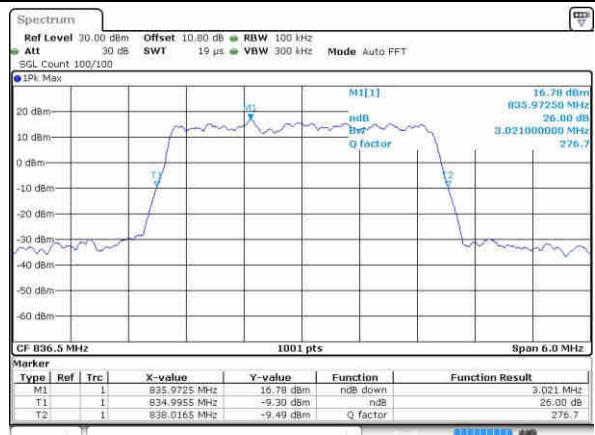
Date: 29 APR 2019 01:17:21

Middle Channel / 3MHz / QPSK



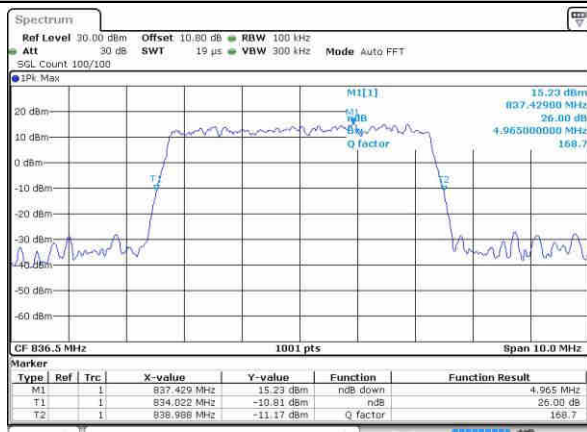
Date: 29 APR 2019 02:11:32

Middle Channel / 3MHz / 16QAM



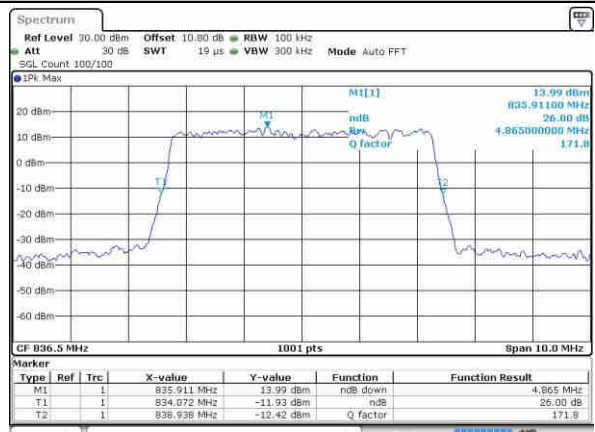
Date: 29 APR 2019 02:11:20

Middle Channel / 5MHz / QPSK



Date: 29 APR 2019 02:24:36

Middle Channel / 5MHz / 16QAM

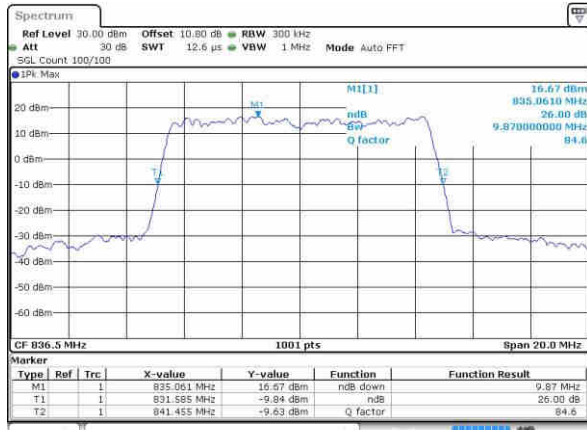


Date: 29 APR 2019 02:24:24

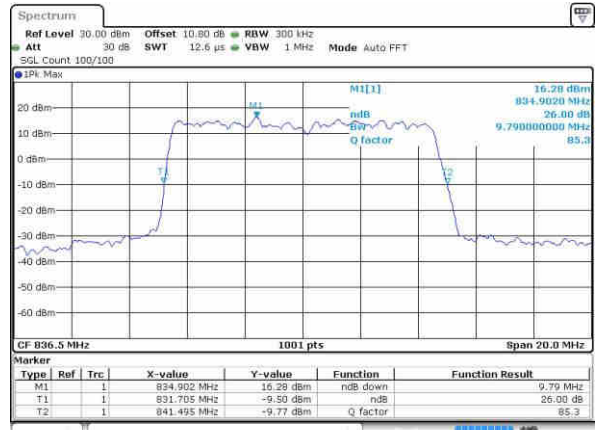


LTE Band 26

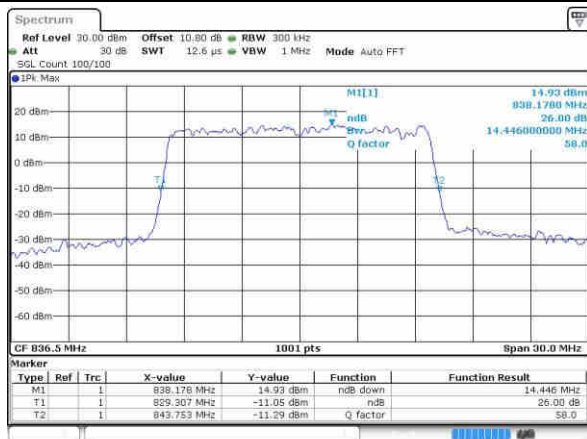
Middle Channel / 10MHz / QPSK



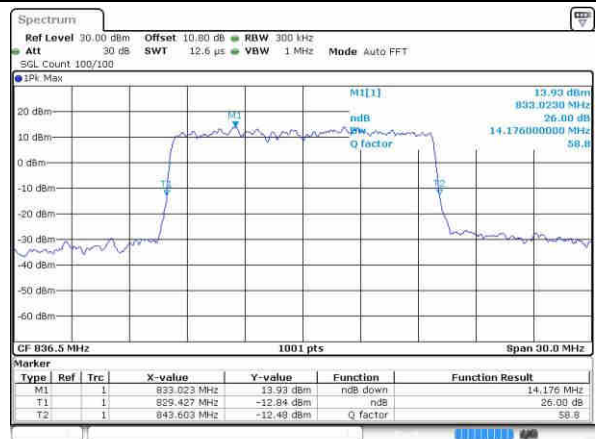
Middle Channel / 10MHz / 16QAM



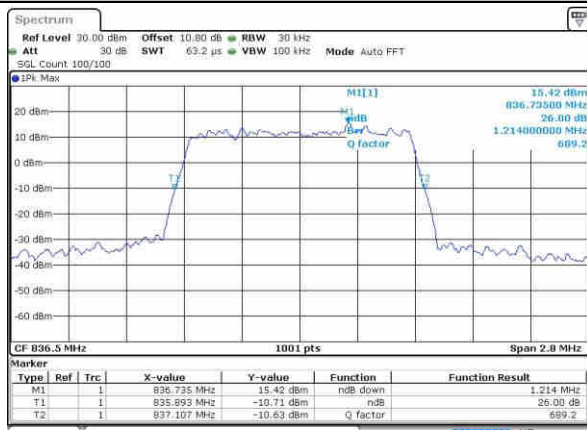
Middle Channel / 15MHz / QPSK



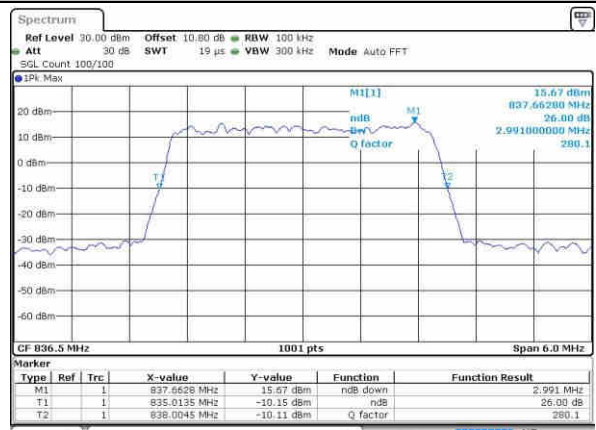
Middle Channel / 15MHz / 16QAM



Middle Channel / 1.4MHz / 64QAM



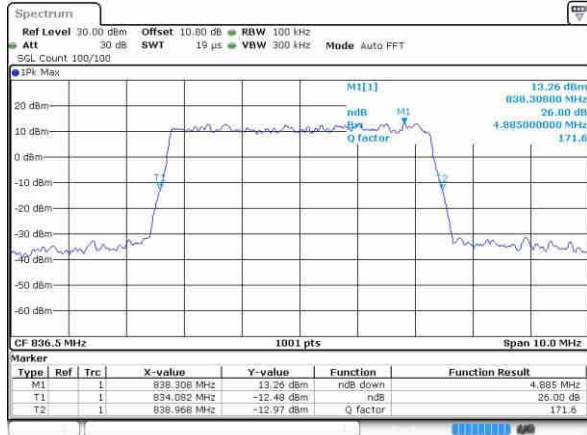
Middle Channel / 3MHz / 64QAM



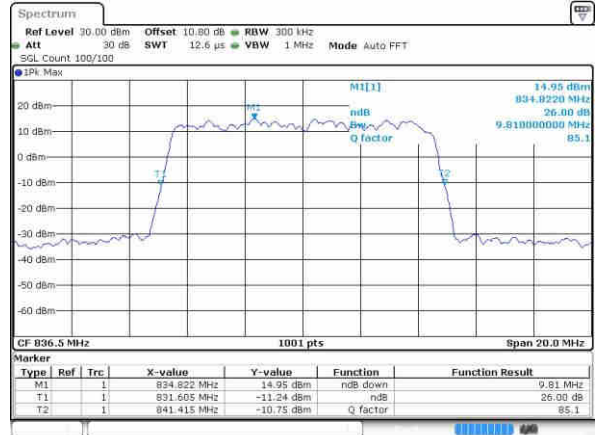


LTE Band 26

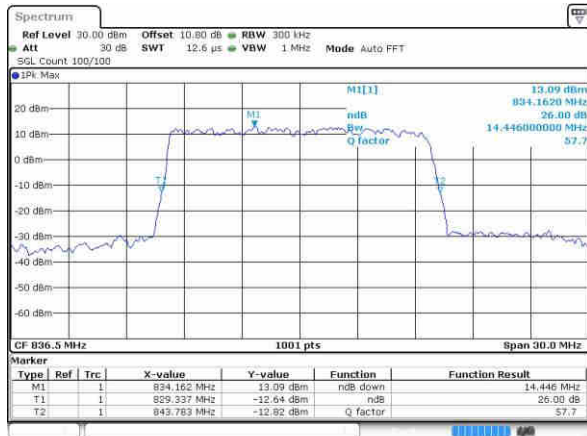
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



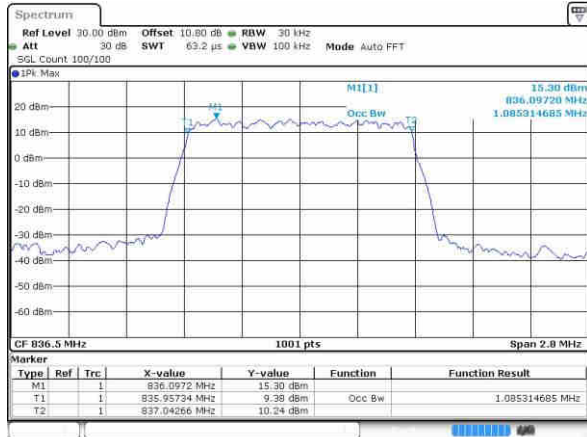
**Occupied Bandwidth**

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	1.08	1.09	2.73	2.73	4.50	4.46	9.01	9.01	13.40	13.49	-	-
Middle CH	1.09	1.09	2.71	2.72	4.49	4.50	9.05	9.03	13.31	13.40	-	-
Highest CH	1.09	1.09	2.72	2.72	4.49	4.50	9.05	9.03	13.37	13.37	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.08	-	2.71	-	4.49	-	8.97	-	13.43	-	-	-
Middle CH	1.09	-	2.71	-	4.49	-	9.01	-	13.34	-	-	-
Highest CH	1.09	-	2.75	-	4.53	-	9.03	-	13.40	-	-	-

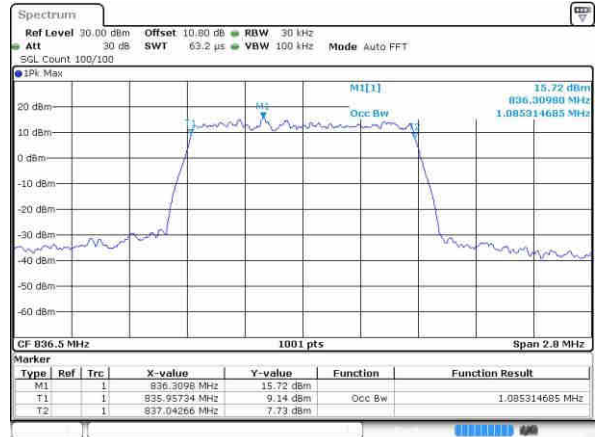


LTE Band 26

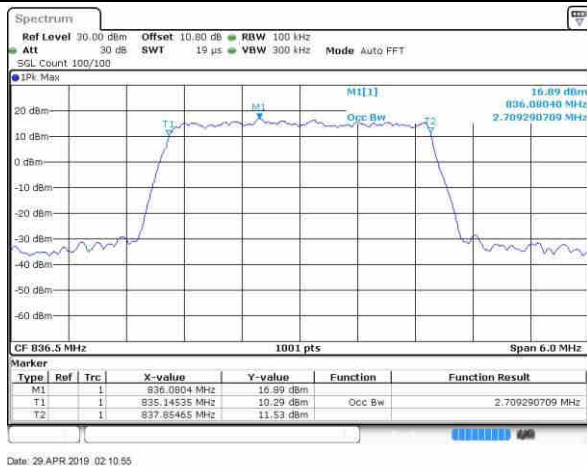
Middle Channel / 1.4MHz / QPSK



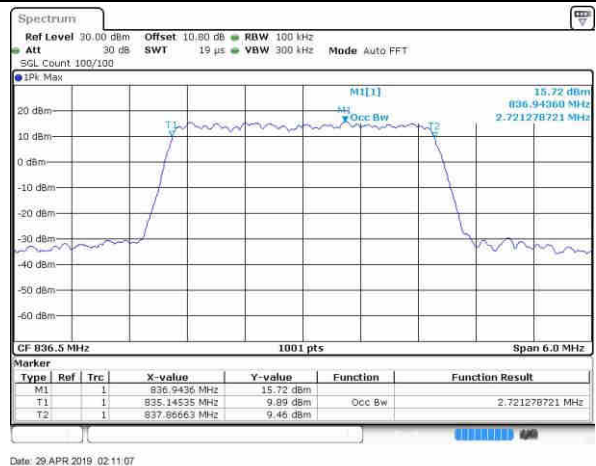
Middle Channel / 1.4MHz / 16QAM



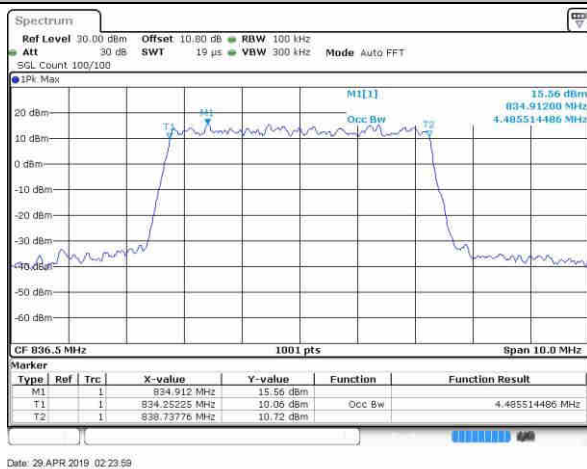
Middle Channel / 3MHz / QPSK



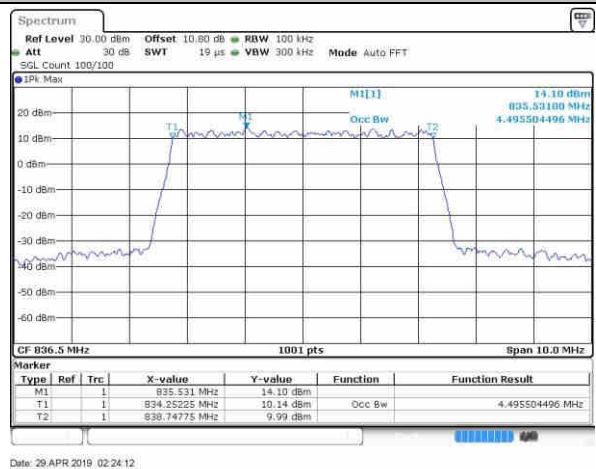
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



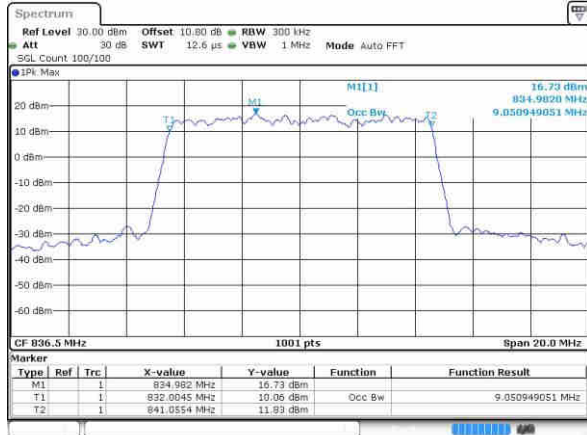
Middle Channel / 5MHz / 16QAM





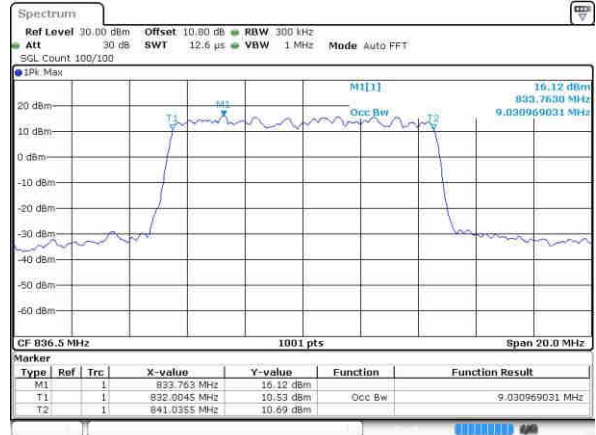
LTE Band 26

Middle Channel / 10MHz / QPSK



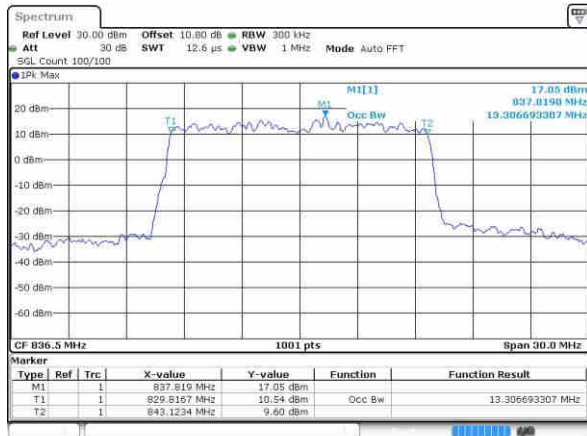
Date: 29 APR 2019 02:36:07

Middle Channel / 10MHz / 16QAM



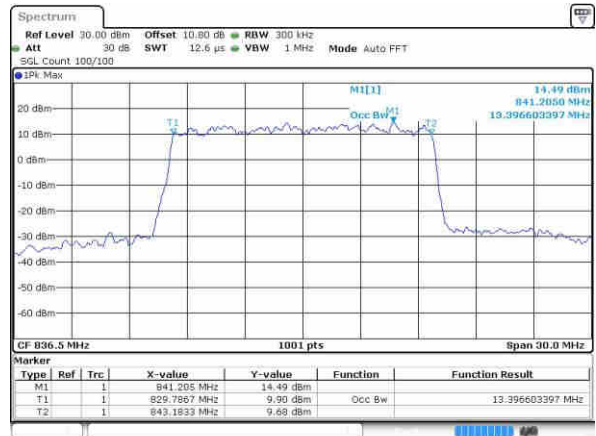
Date: 29 APR 2019 02:36:19

Middle Channel / 15MHz / QPSK



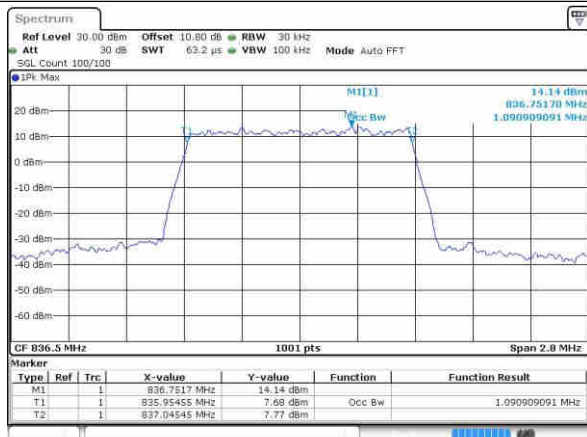
Date: 29 APR 2019 02:48:03

Middle Channel / 15MHz / 16QAM



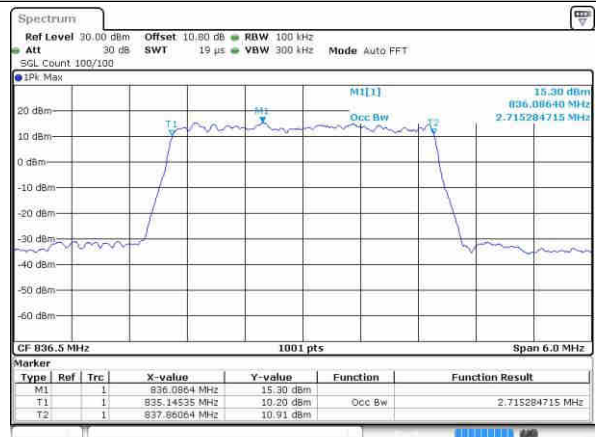
Date: 29 APR 2019 02:48:16

Middle Channel / 1.4MHz / 64QAM



Date: 29 APR 2019 01:33:02

Middle Channel / 3MHz / 64QAM

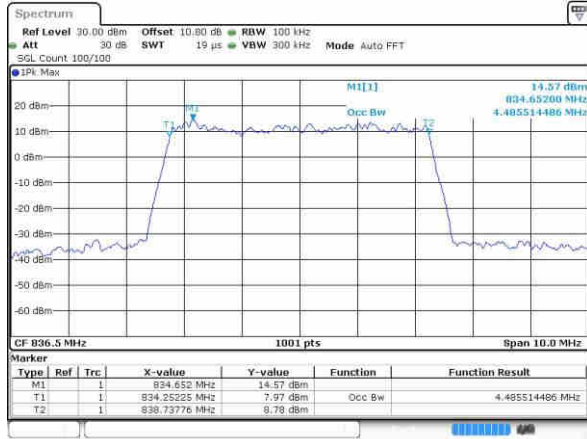


Date: 29 APR 2019 01:43:05



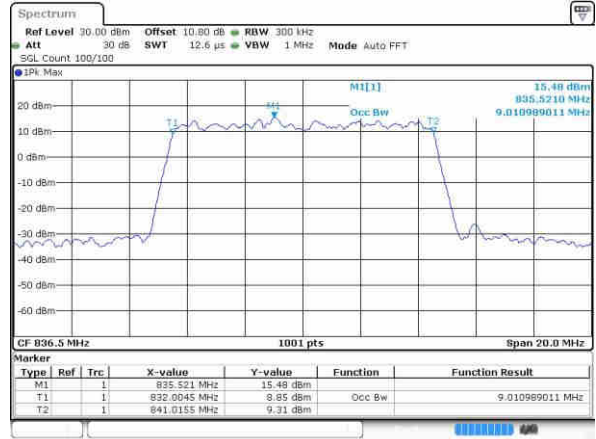
LTE Band 26

Middle Channel / 5MHz / 64QAM



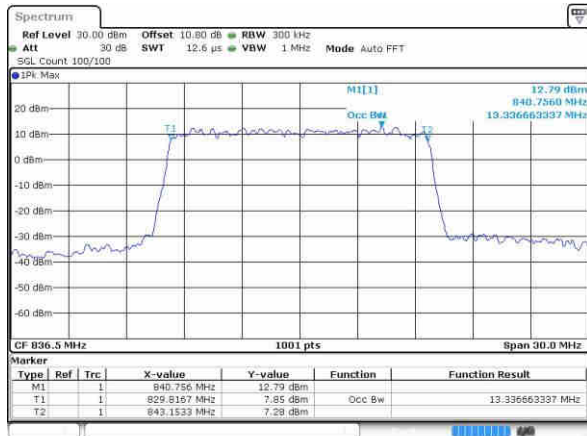
Date: 29 APR 2019 01:49:39

Middle Channel / 10MHz / 64QAM

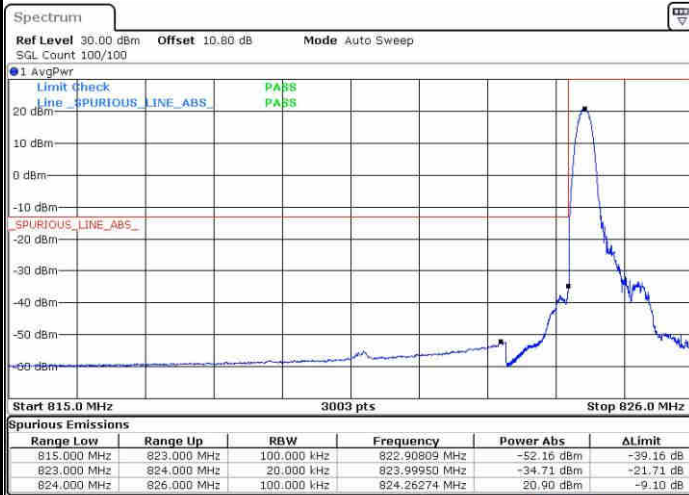


Date: 29 APR 2019 01:55:42

Middle Channel / 15MHz / 64QAM



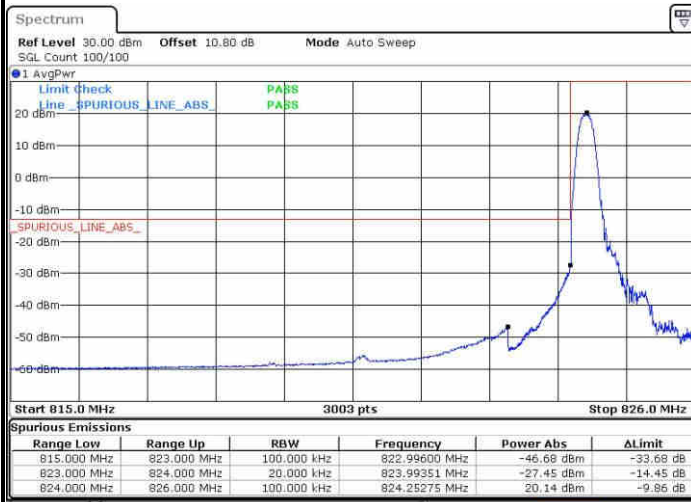
Date: 29 APR 2019 02:01:40

**Conducted Band Edge****LTE Band 26 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

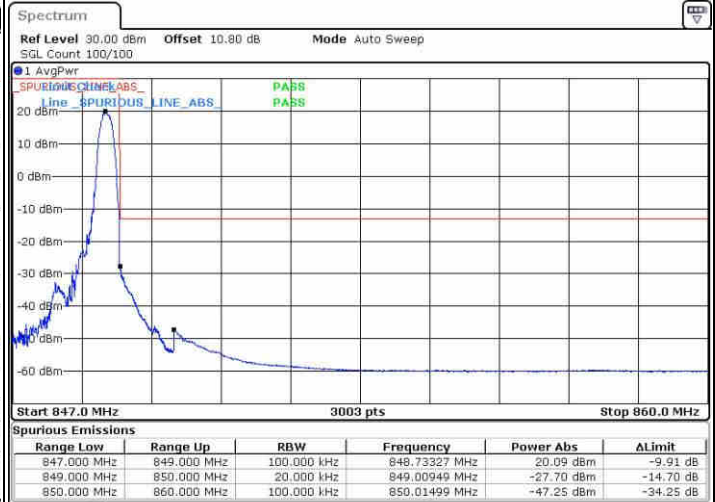


LTE Band 26 / 1.4MHz / 16QAM

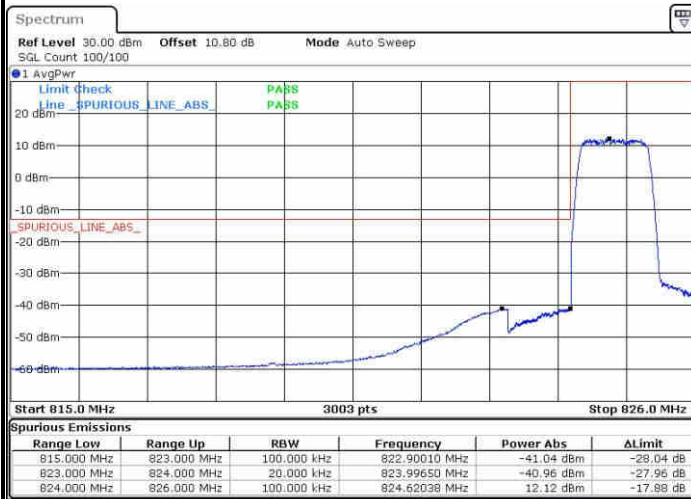
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



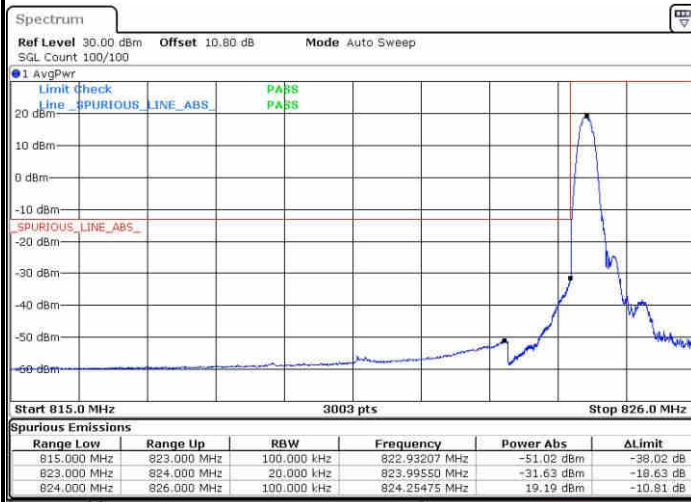
Highest Band Edge / Full RB



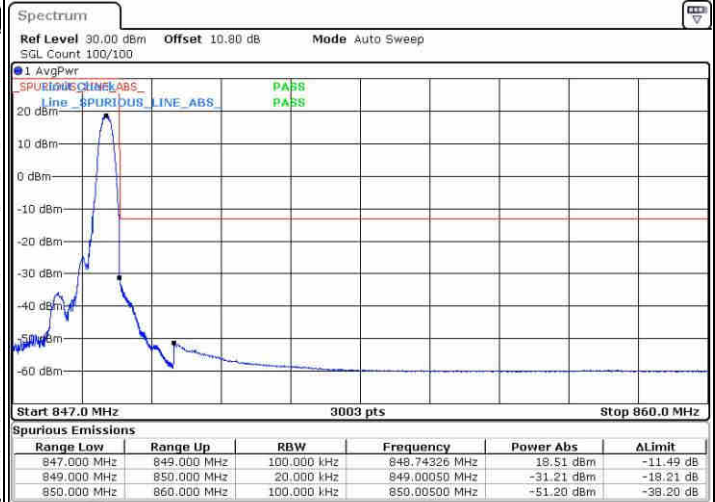


LTE Band 26 / 1.4MHz / 64QAM

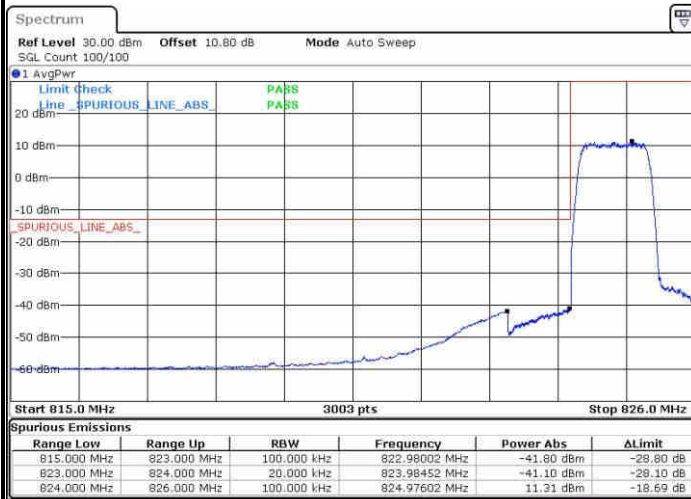
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



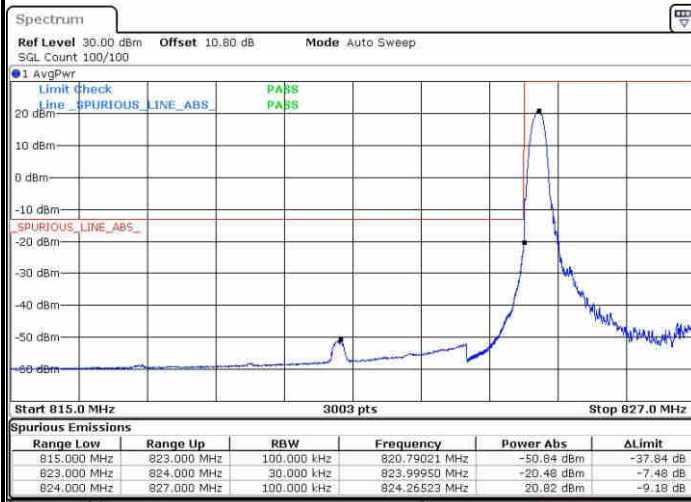
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / QPSK

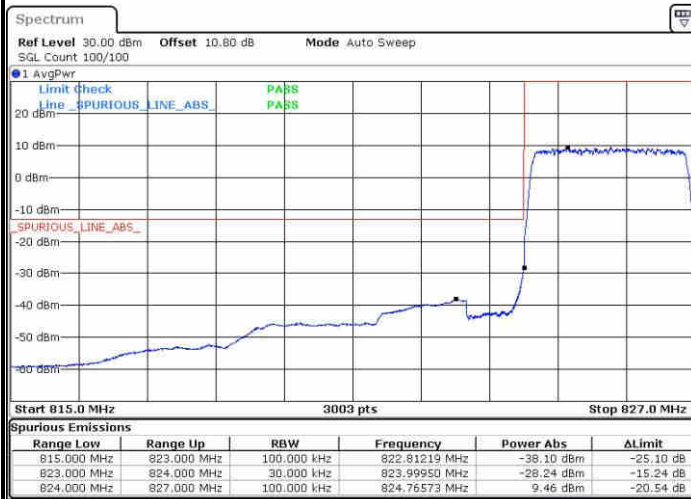
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



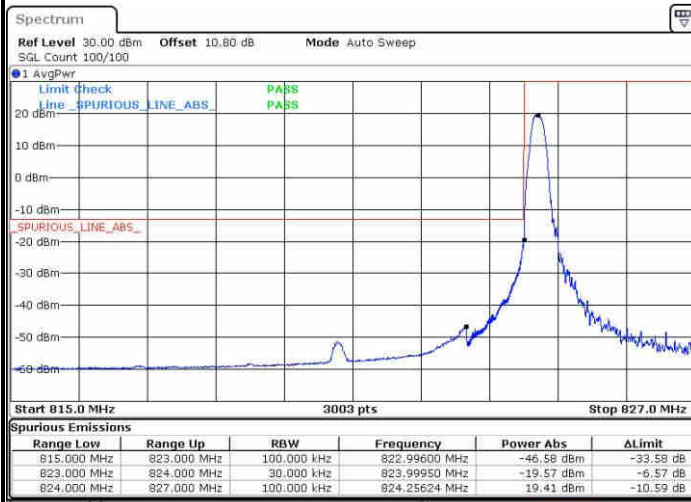
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / 16QAM

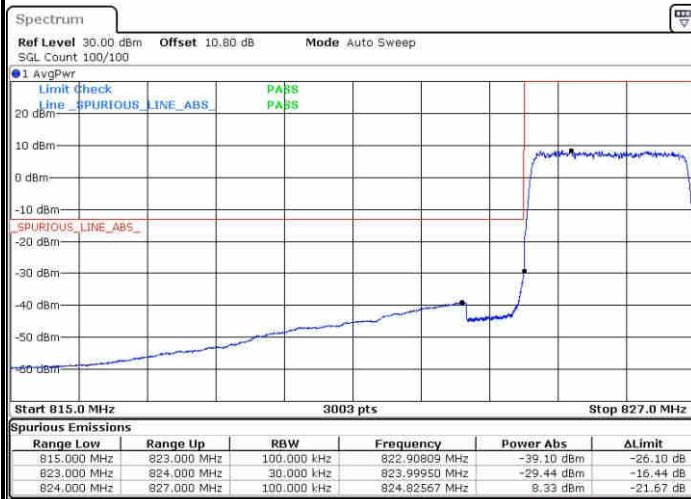
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



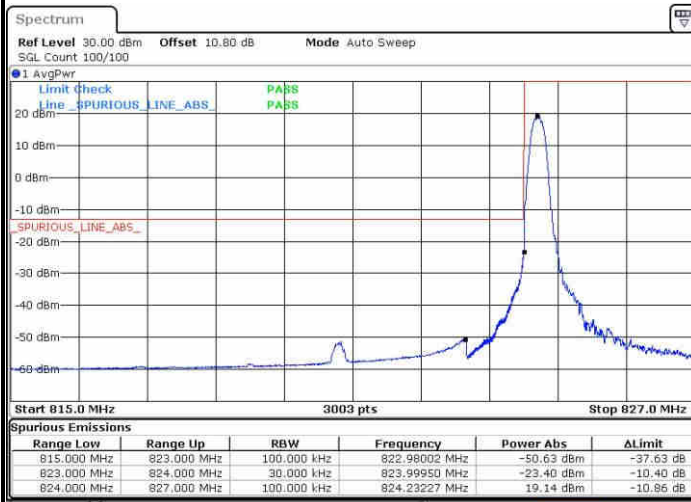
Highest Band Edge / Full RB



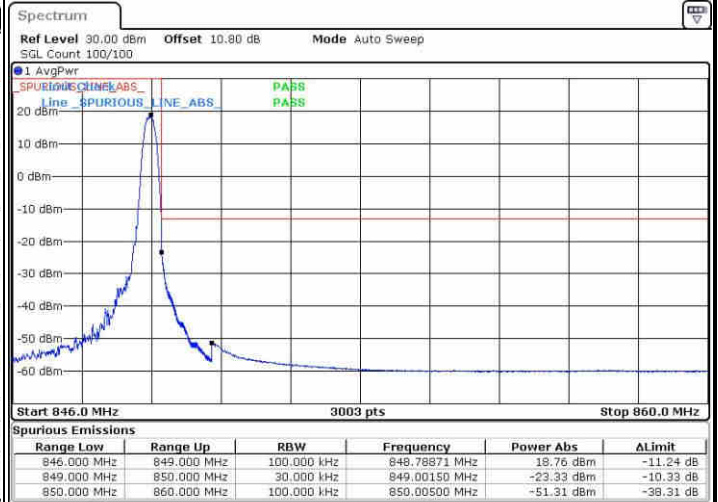


LTE Band 26 / 3MHz / 64QAM

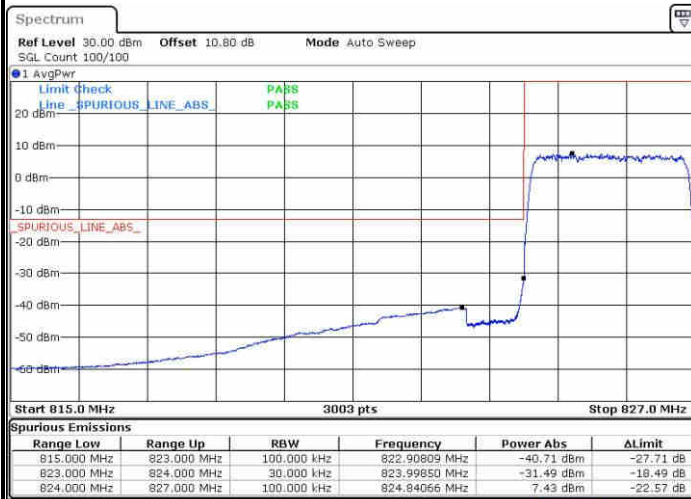
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



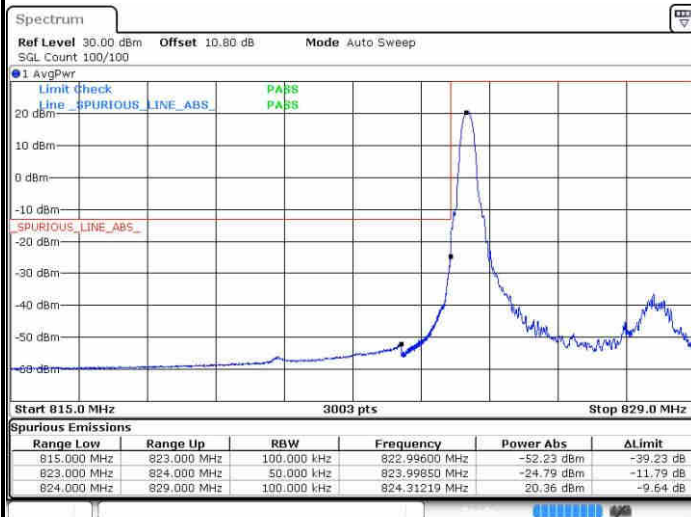
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / QPSK

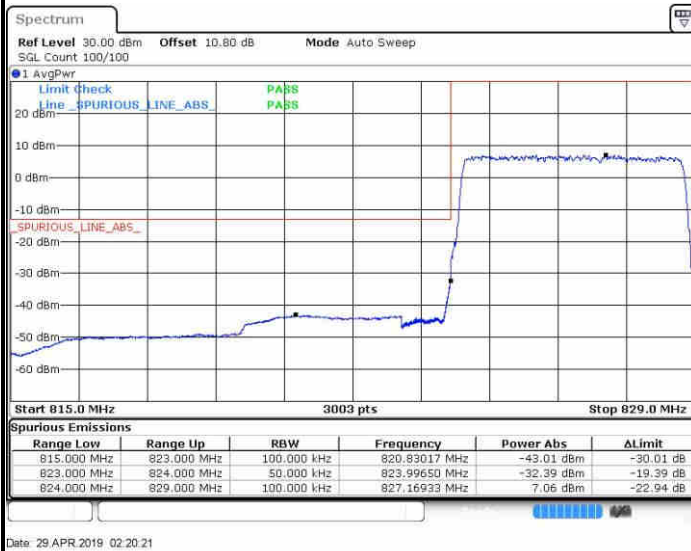
Lowest Band Edge / 1 RB



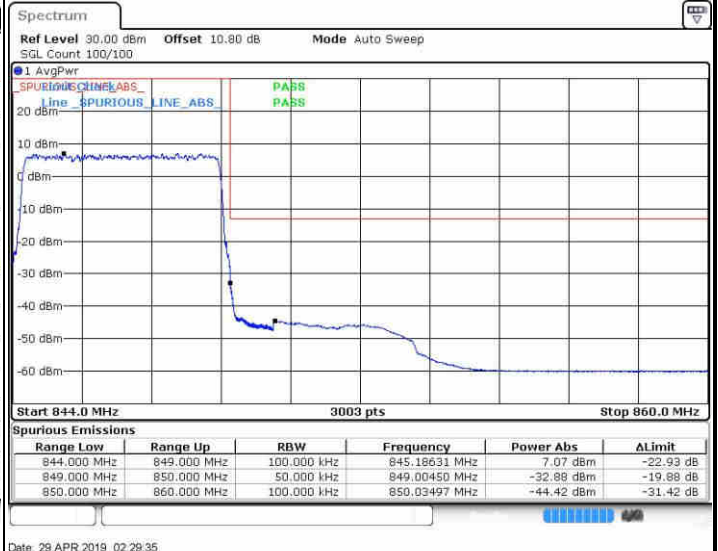
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



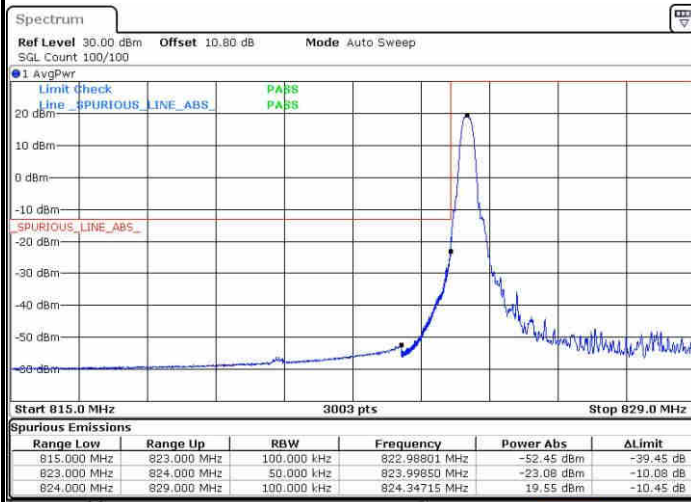
Highest Band Edge / Full RB



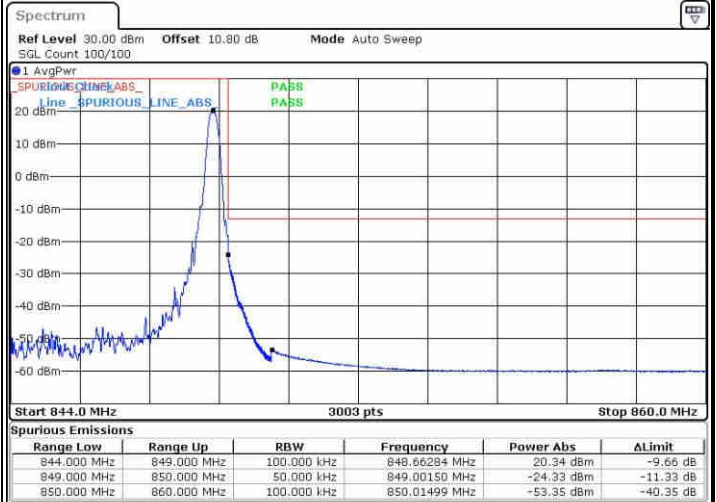


LTE Band 26 / 5MHz / 16QAM

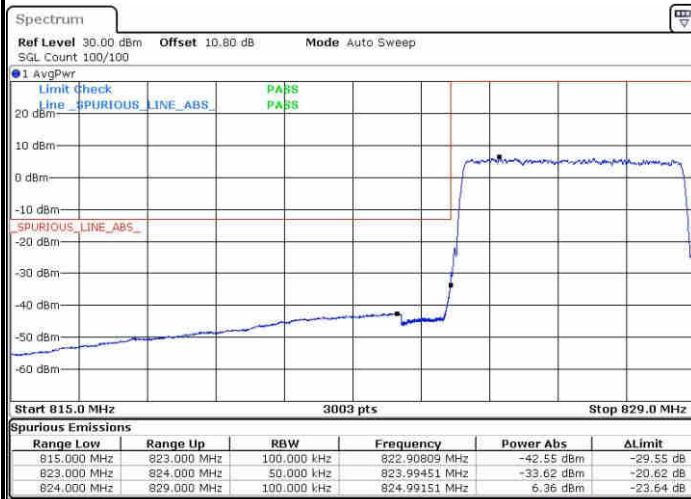
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



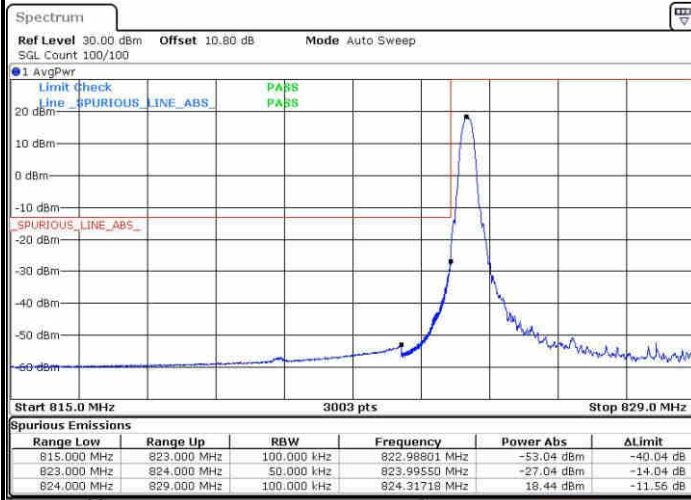
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



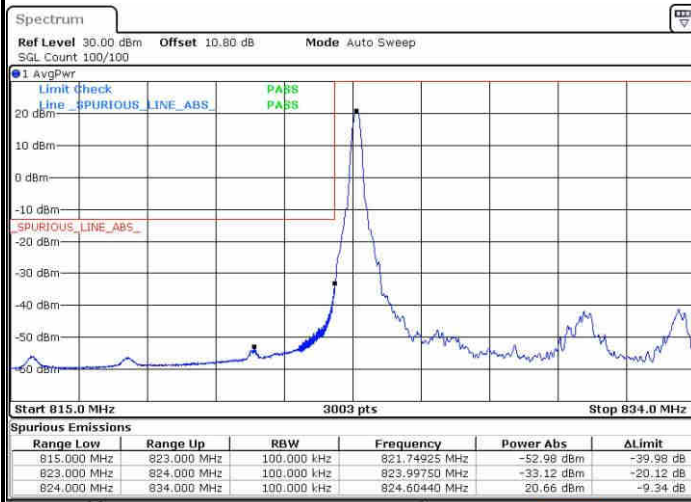
Highest Band Edge / Full RB



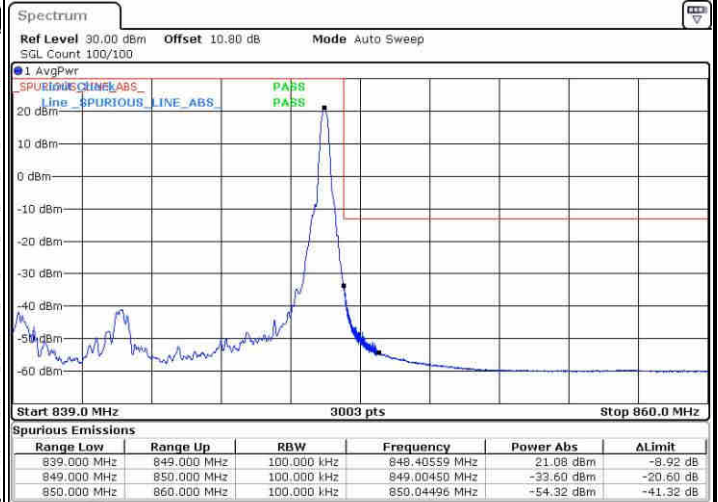


LTE Band 26 / 10MHz / QPSK

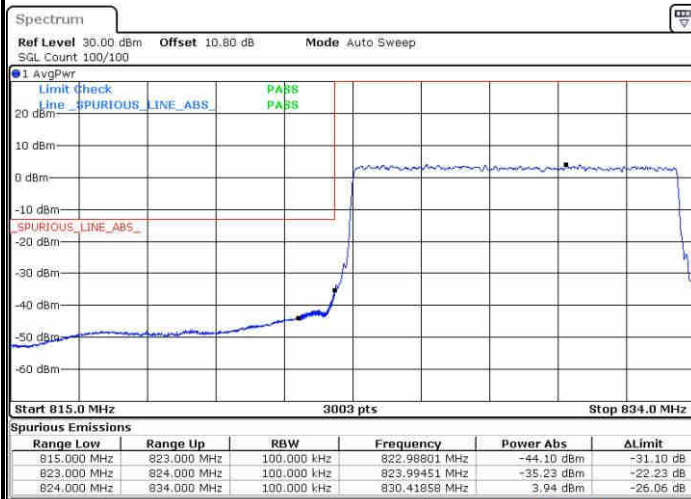
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



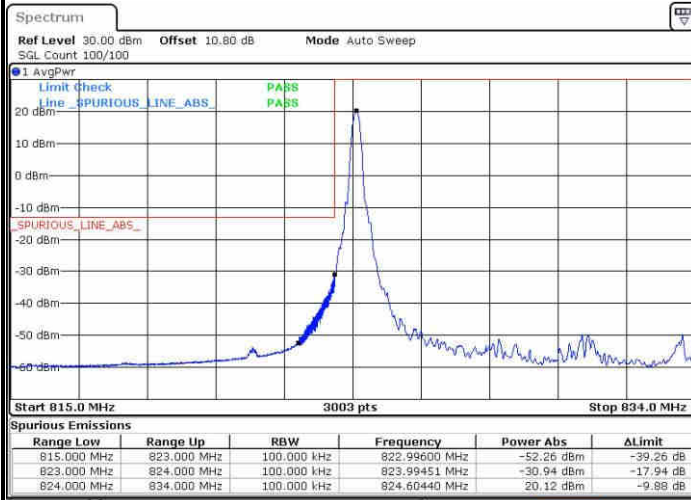
Highest Band Edge / Full RB



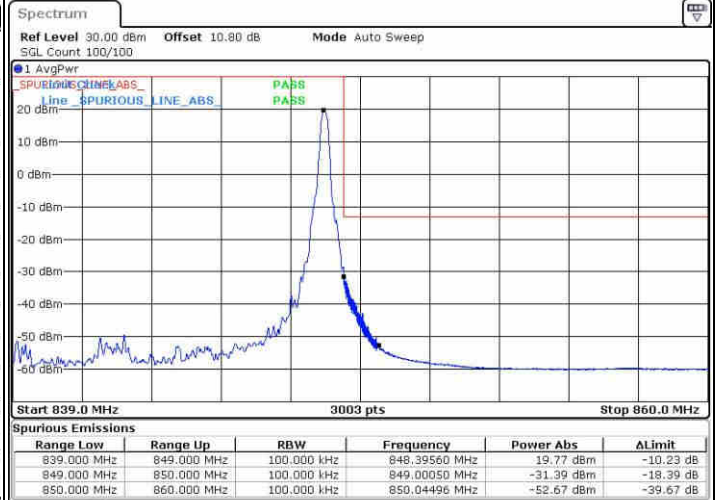


LTE Band 26 / 10MHz / 16QAM

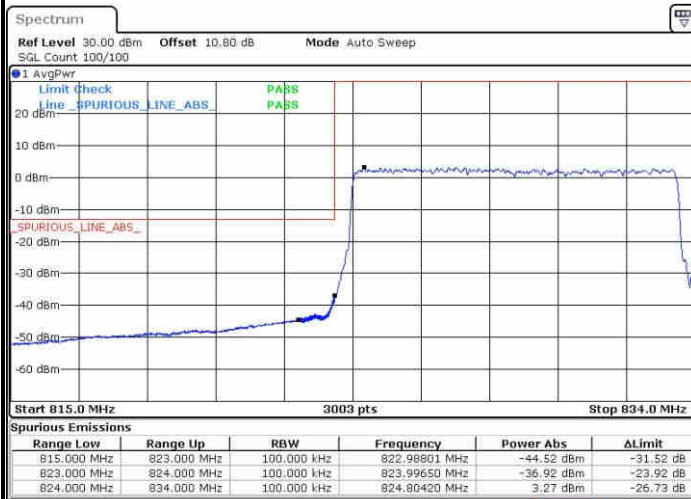
Lowest Band Edge / 1 RB



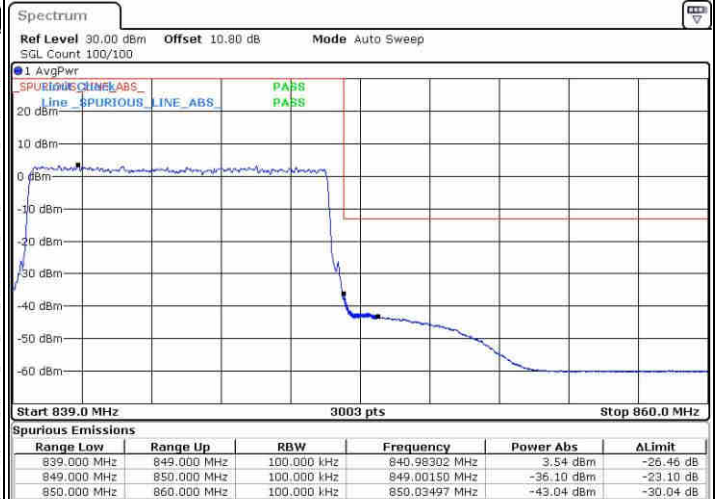
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



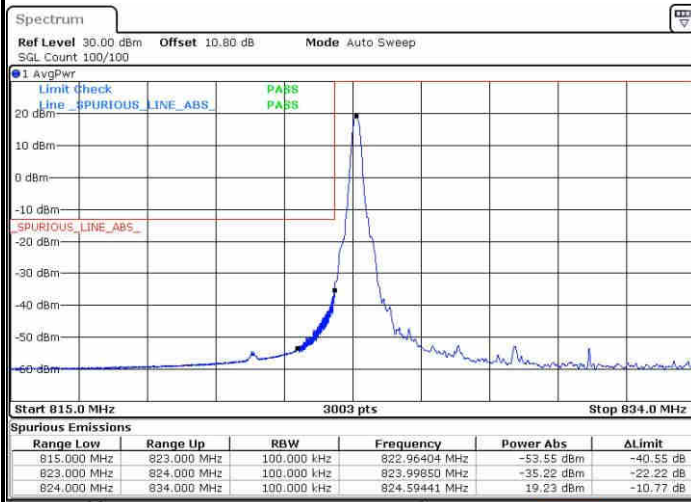
Highest Band Edge / Full RB



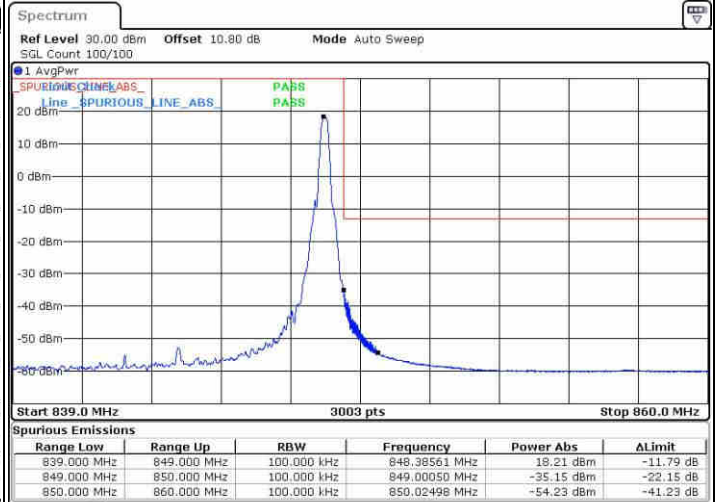


LTE Band 26 / 10MHz / 64QAM

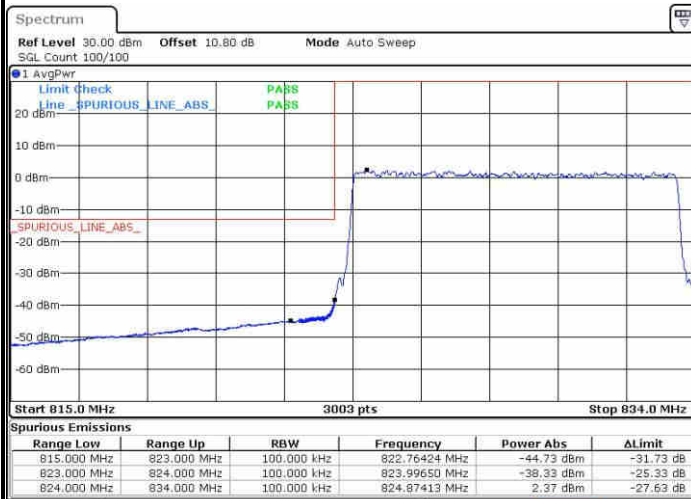
Lowest Band Edge / 1 RB



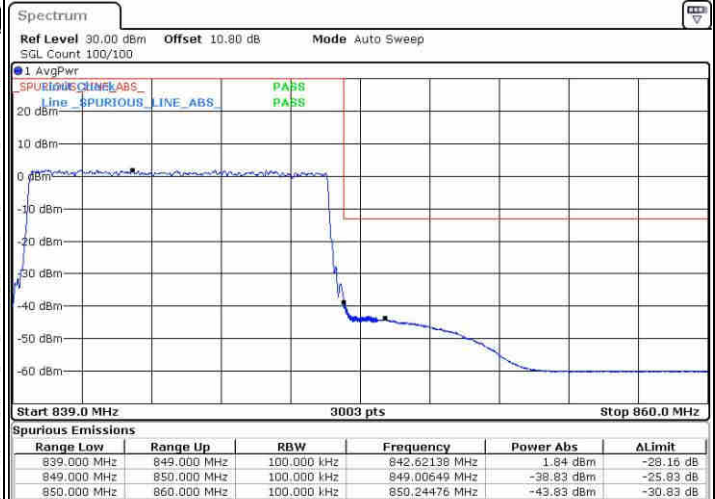
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



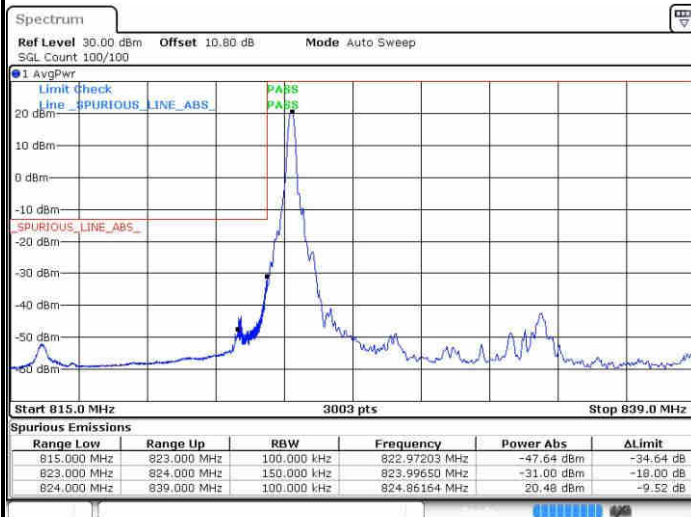
Highest Band Edge / Full RB



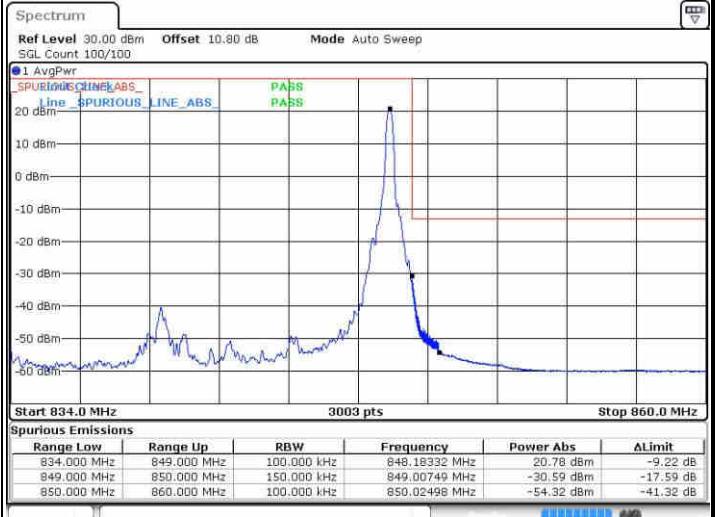


LTE Band 26 / 15MHz / QPSK

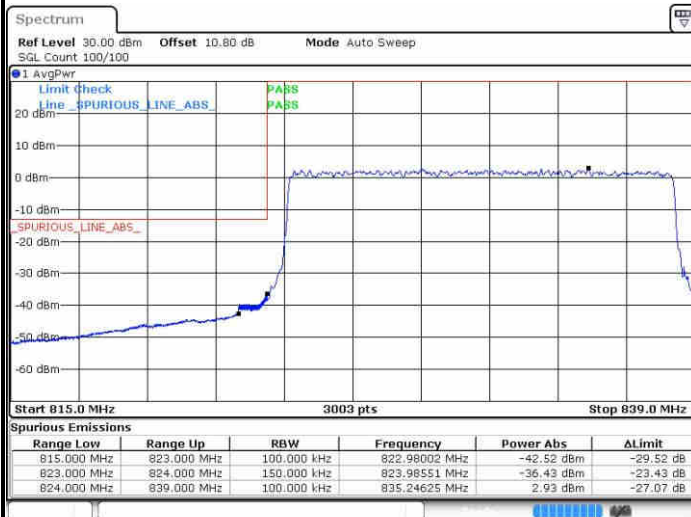
Lowest Band Edge / 1 RB



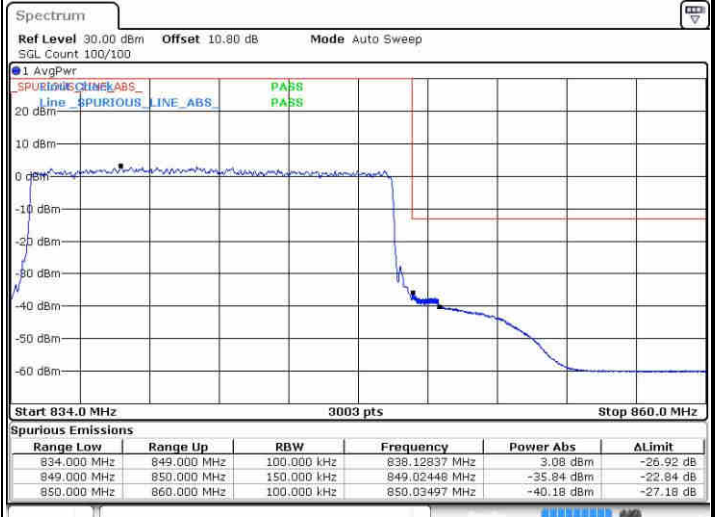
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



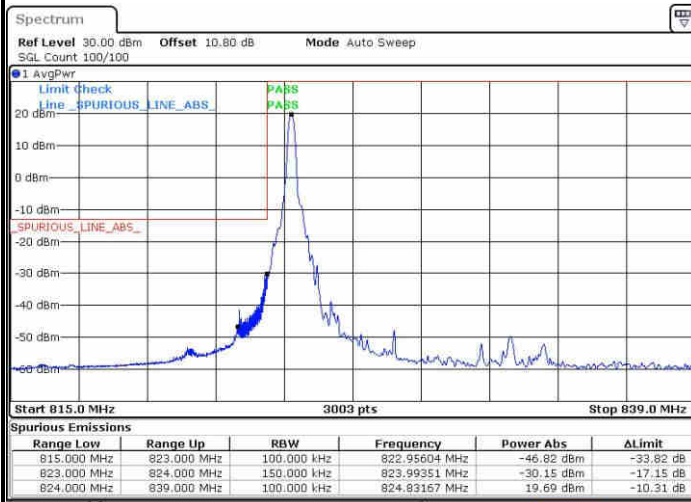
Highest Band Edge / Full RB



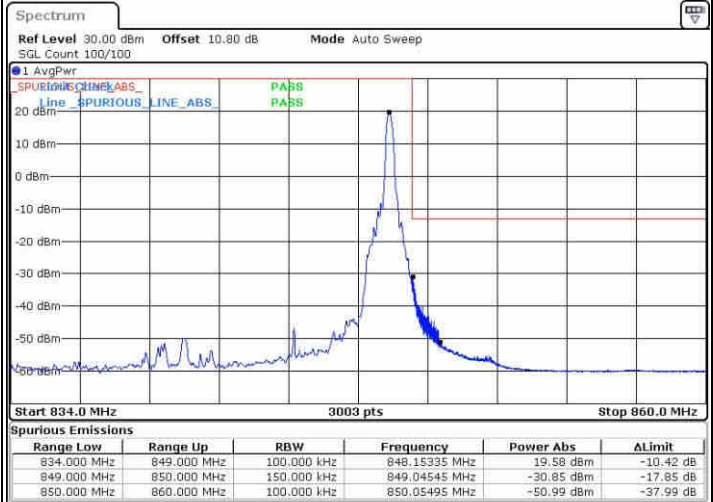


LTE Band 26 / 15MHz / 16QAM

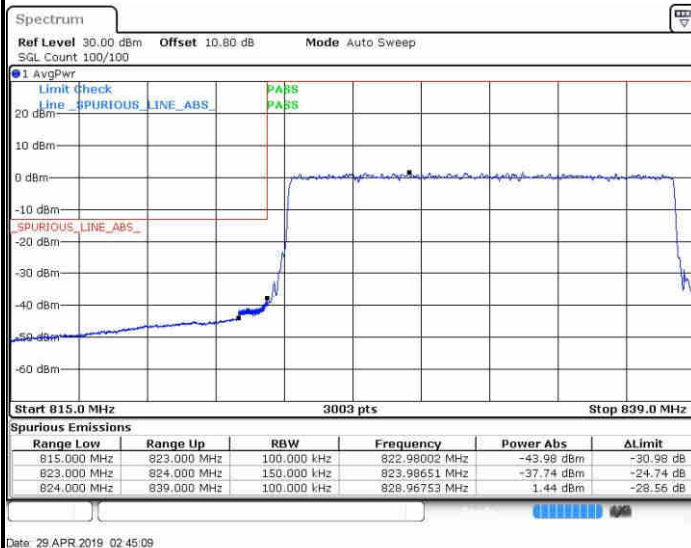
Lowest Band Edge / 1 RB



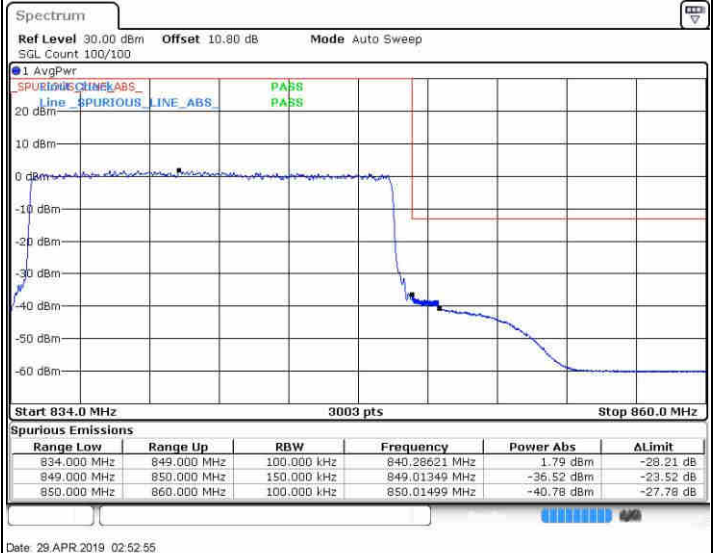
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



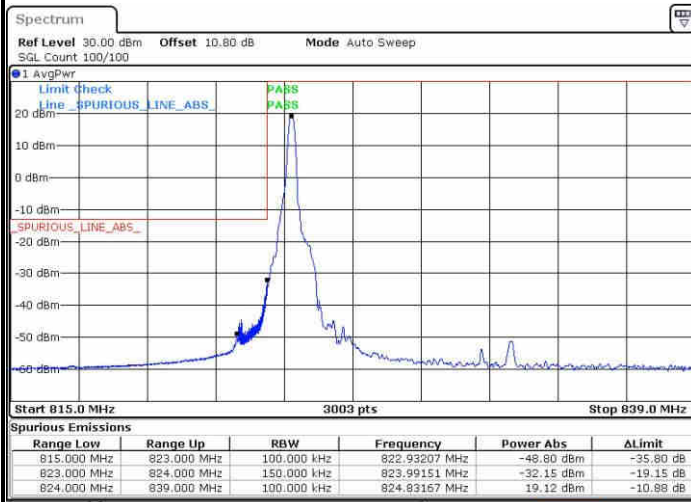
Highest Band Edge / Full RB



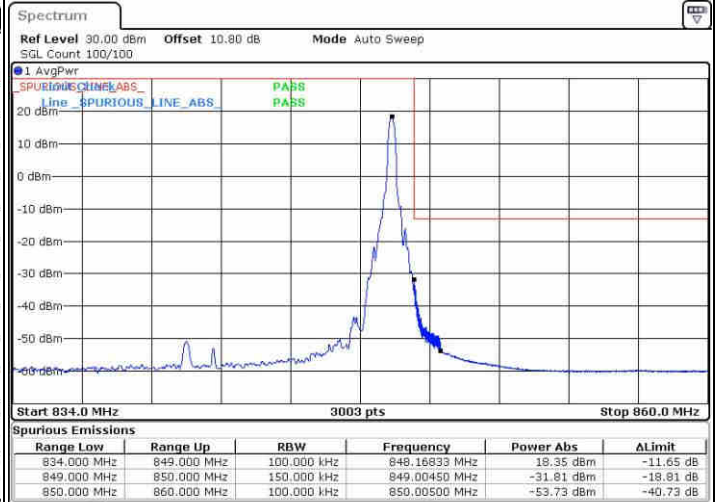


LTE Band 26 / 15MHz / 64QAM

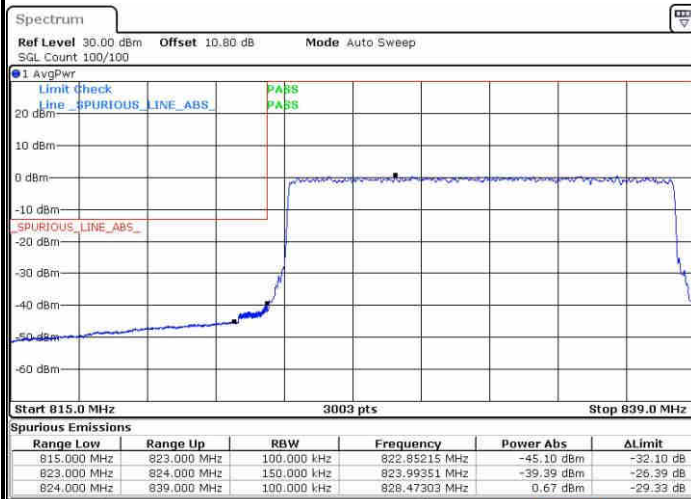
Lowest Band Edge / 1 RB



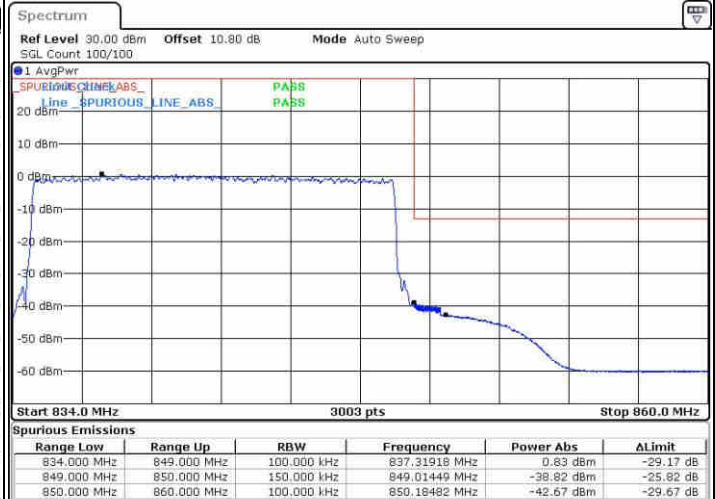
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

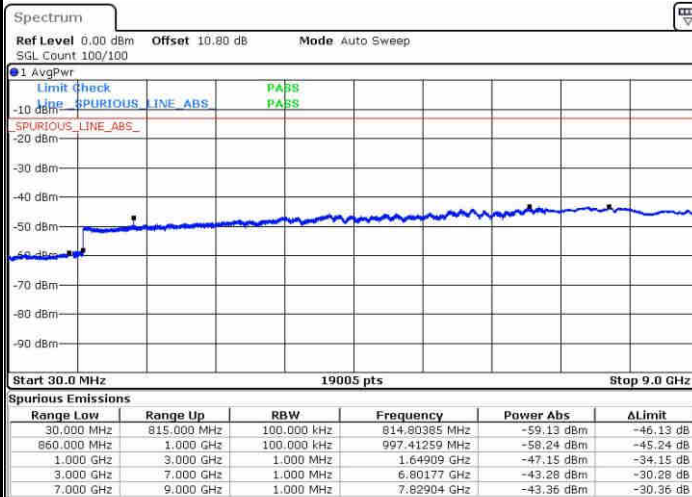




Conducted Spurious Emission

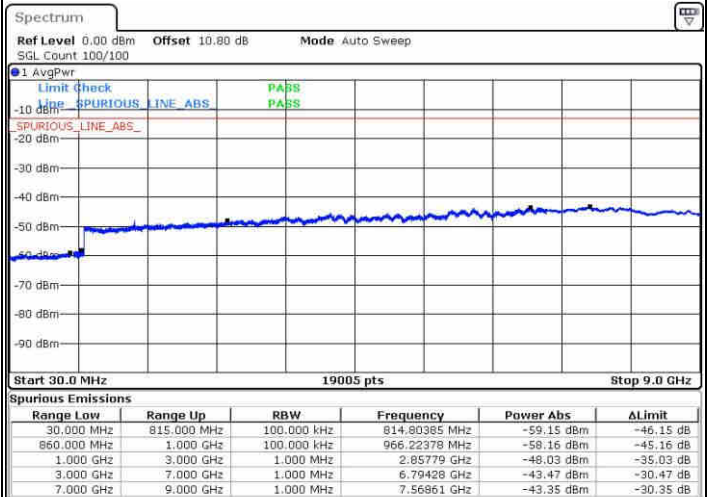
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



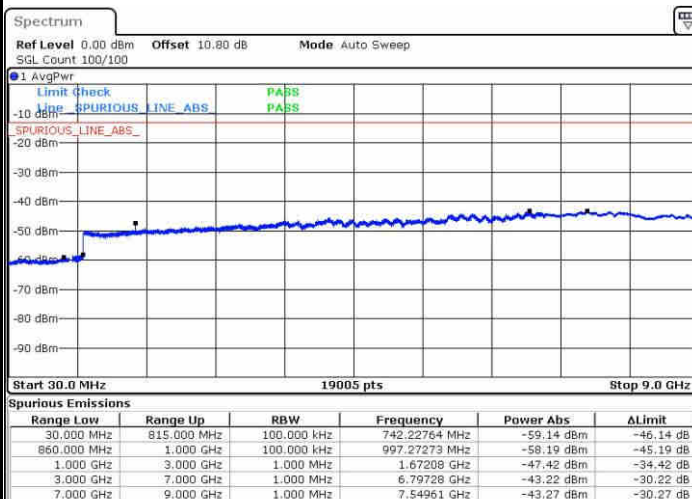
Date: 29 APR 2019 01:16:03

Lowest Channel / 16QAM



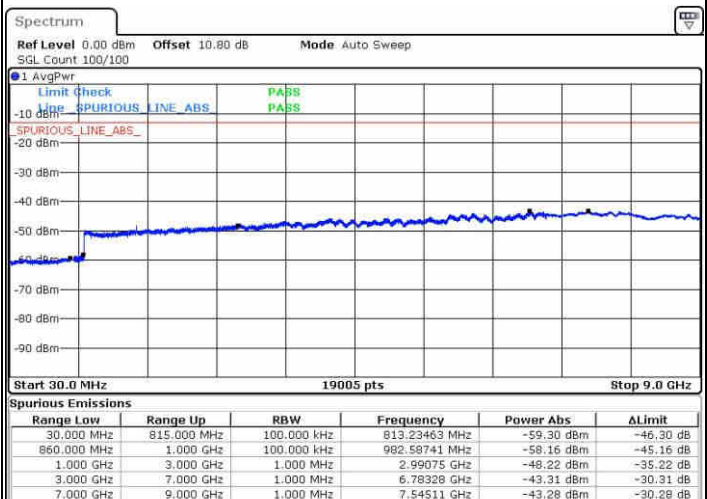
Date: 29 APR 2019 01:16:44

Middle Channel / QPSK



Date: 29 APR 2019 01:18:14

Middle Channel / 16QAM

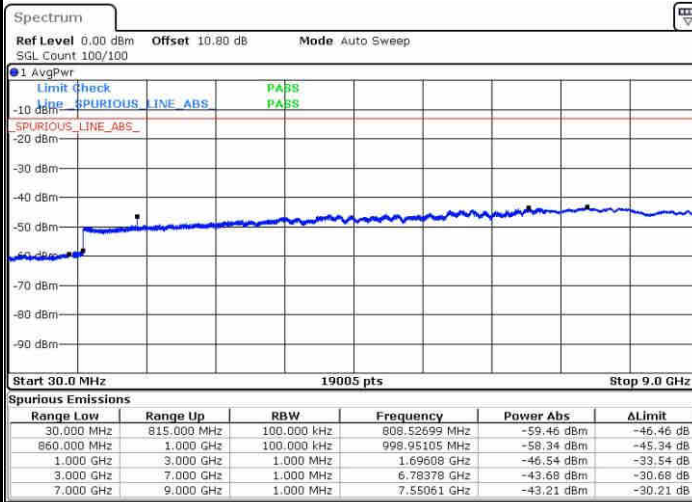


Date: 29 APR 2019 01:18:56



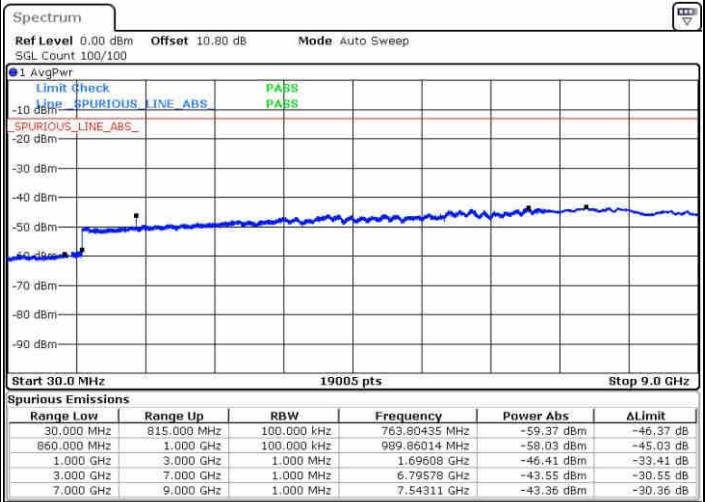
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 29 APR 2019 01:27:10

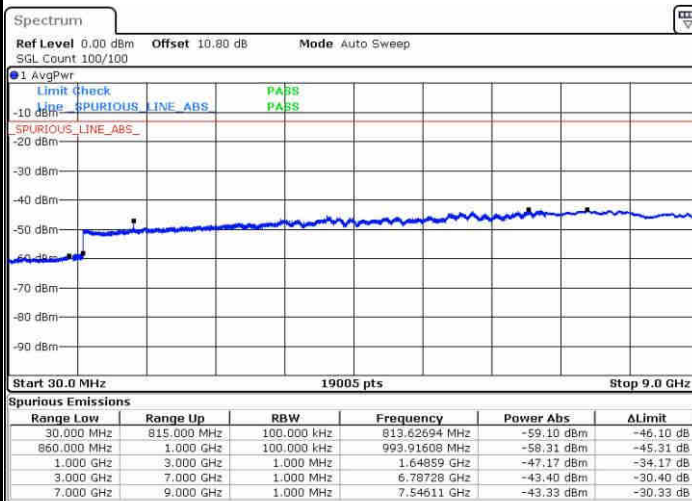
Highest Channel / 16QAM



Date: 29 APR 2019 01:27:51

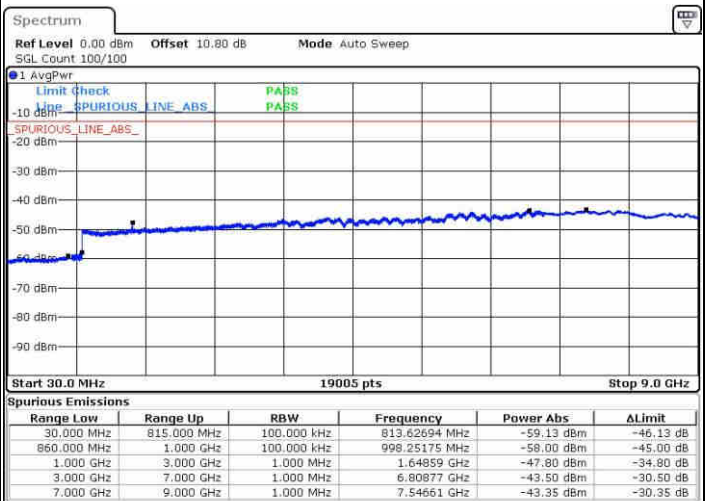
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 29 APR 2019 02:10:02

Lowest Channel / 16QAM

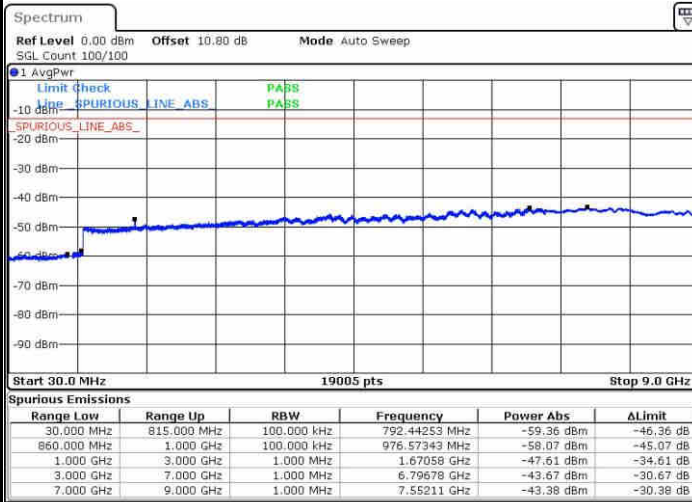


Date: 29 APR 2019 02:10:43



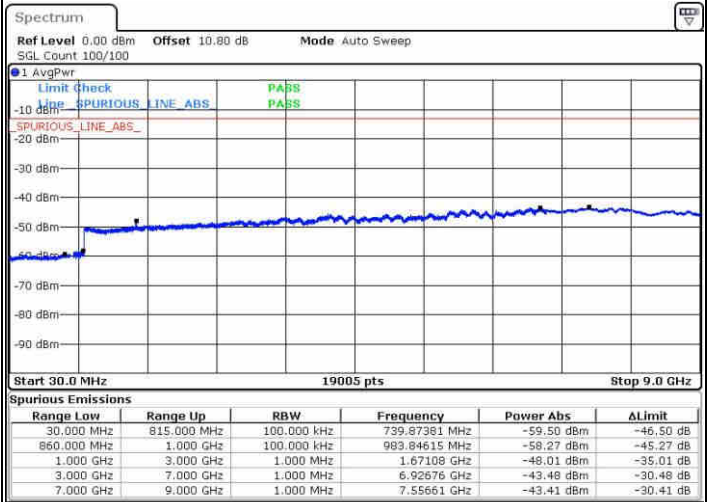
LTE Band 26 / 3MHz

Middle Channel / QPSK



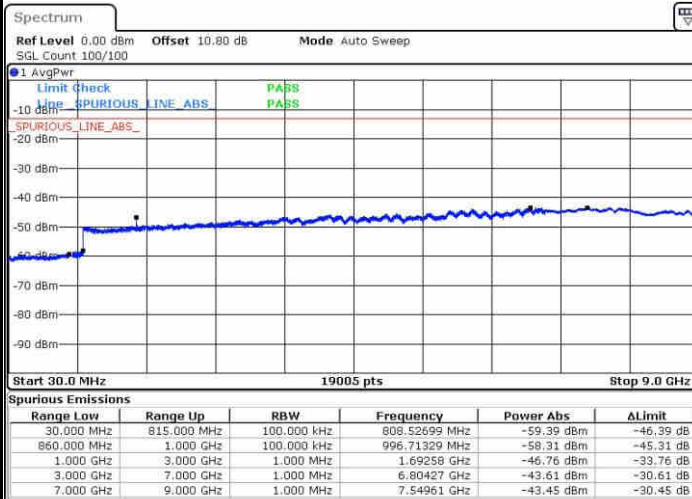
Date: 29 APR 2019 02:12:13

Middle Channel / 16QAM



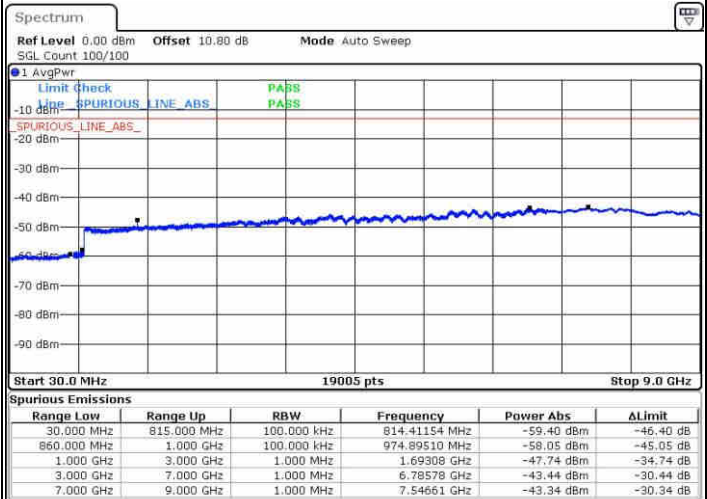
Date: 29 APR 2019 02:12:54

Highest Channel / QPSK



Date: 29 APR 2019 02:18:10

Highest Channel / 16QAM

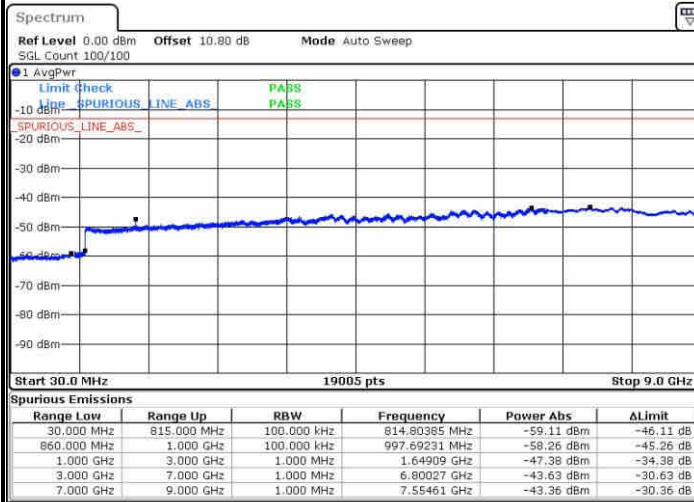


Date: 29 APR 2019 02:18:51



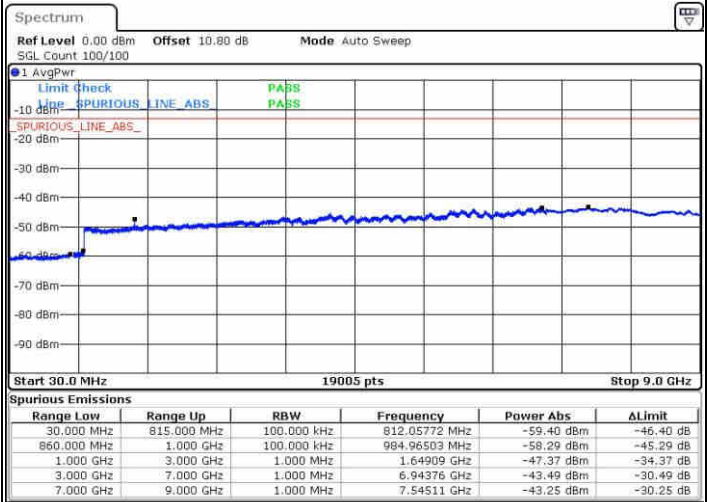
LTE Band 26 / 5MHz

Lowest Channel / QPSK



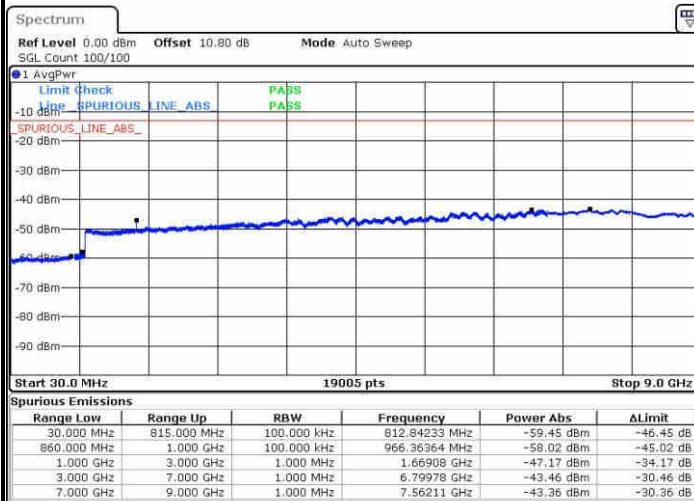
Date: 29 APR 2019 02:23:06

Lowest Channel / 16QAM



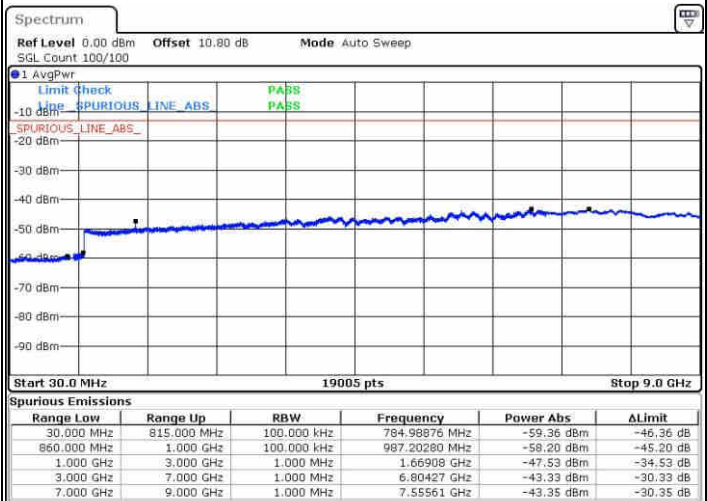
Date: 29 APR 2019 02:23:47

Middle Channel / QPSK



Date: 29 APR 2019 02:25:17

Middle Channel / 16QAM



Date: 29 APR 2019 02:25:59