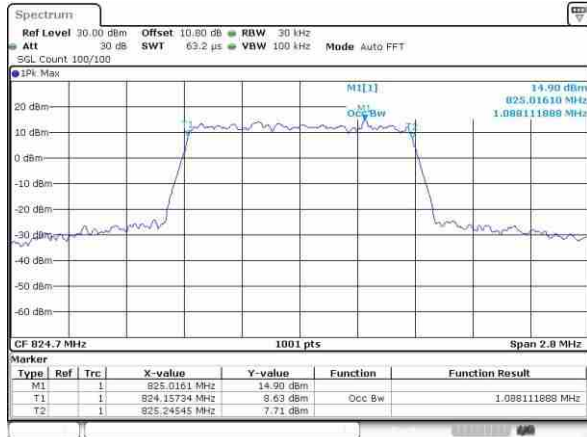


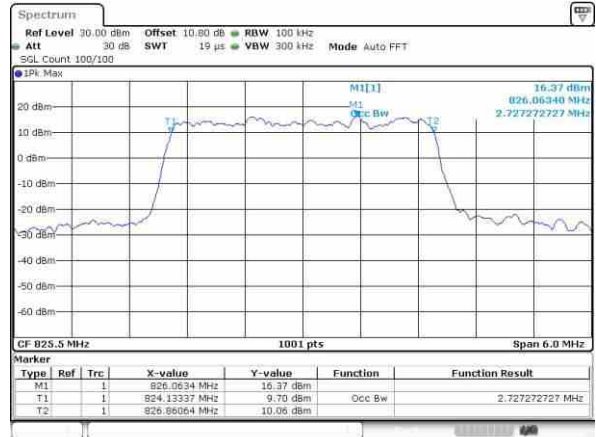


LTE Band 26

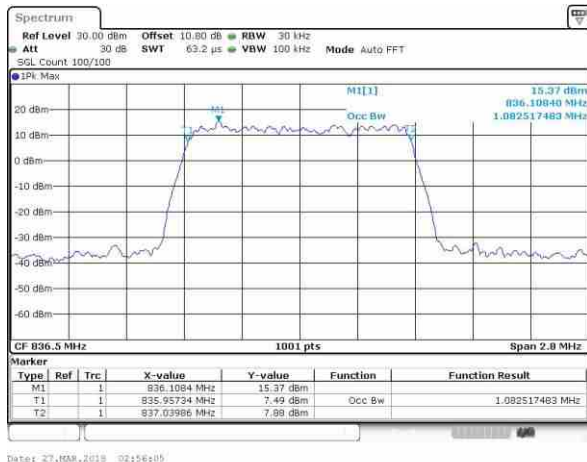
Lowest Channel / 1.4MHz / 64QAM



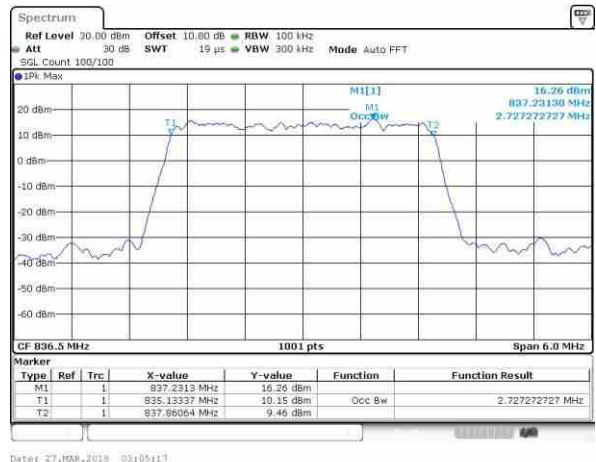
Lowest Channel / 3MHz / 64QAM



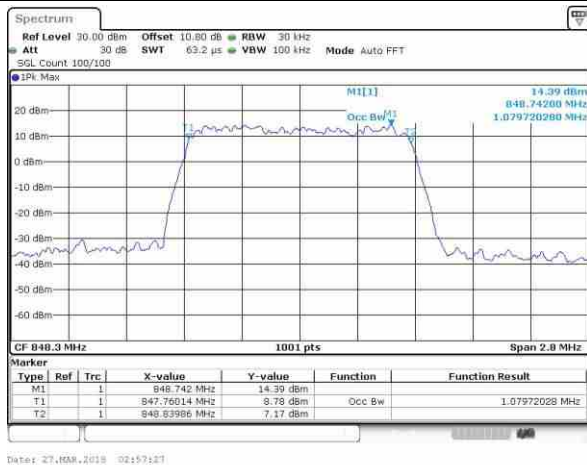
Middle Channel / 1.4MHz / 64QAM



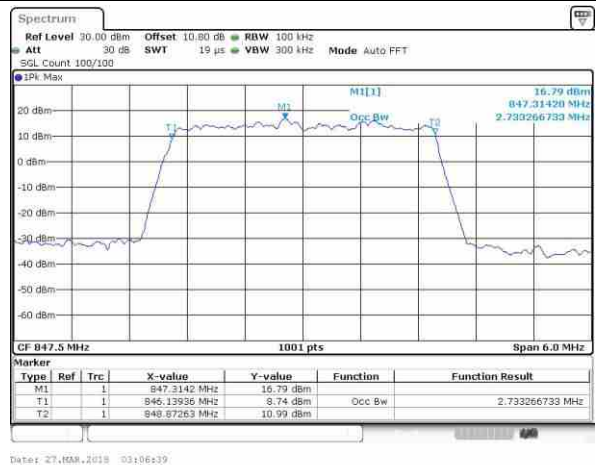
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



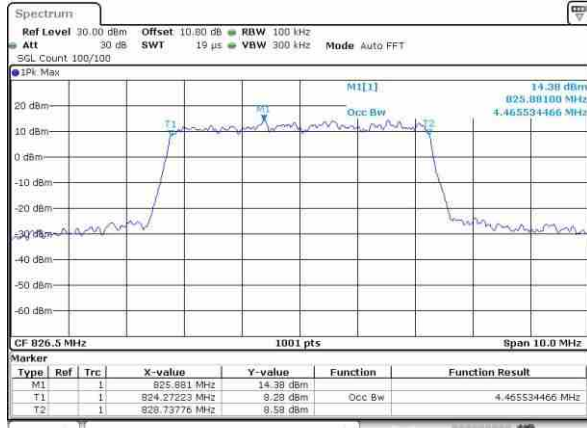
Highest Channel / 3MHz / 64QAM



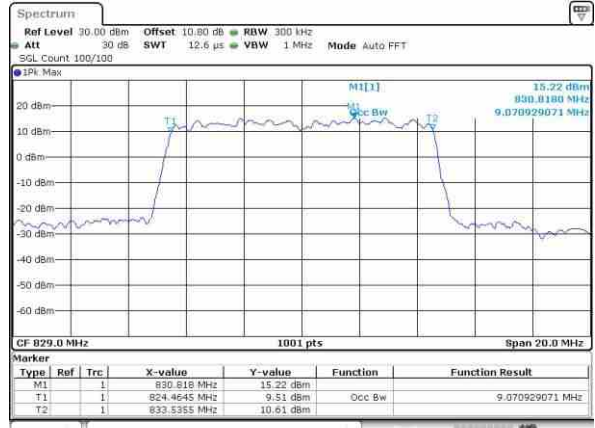


LTE Band 26

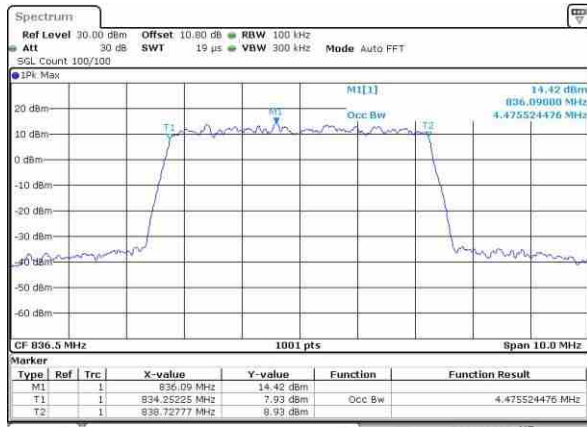
Lowest Channel / 5MHz / 64QAM



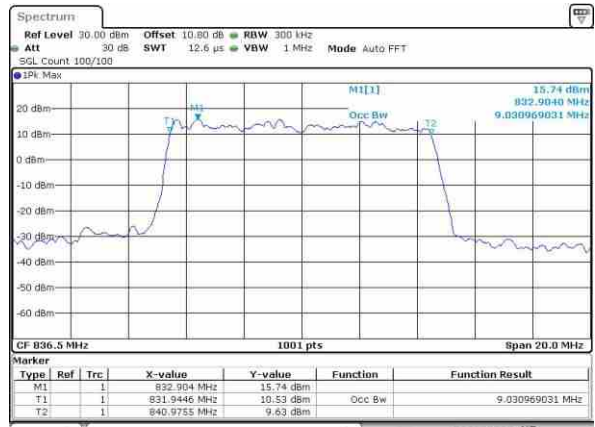
Lowest Channel / 10MHz / 64QAM



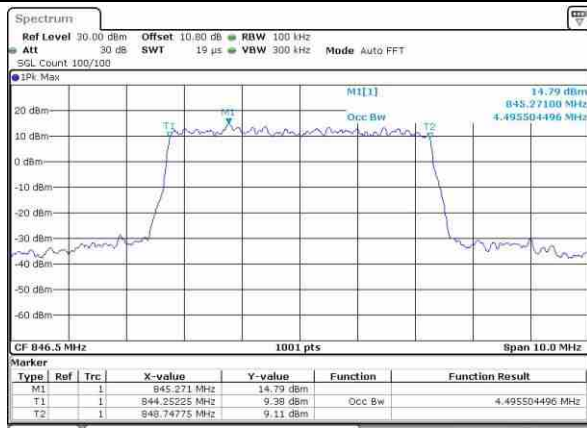
Middle Channel / 5MHz / 64QAM



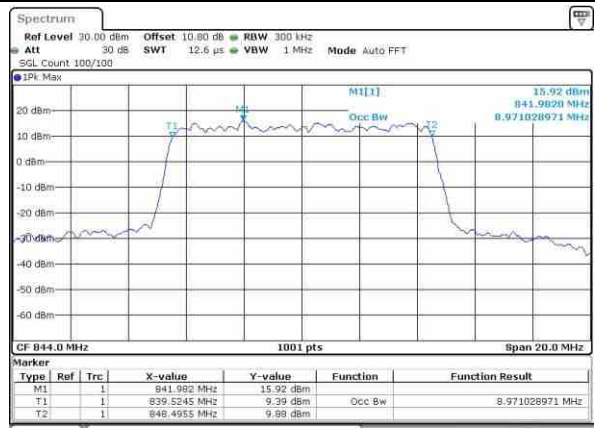
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



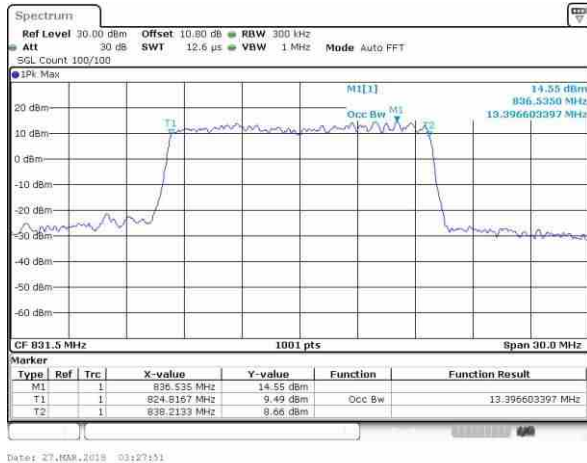
Highest Channel / 10MHz / 64QAM



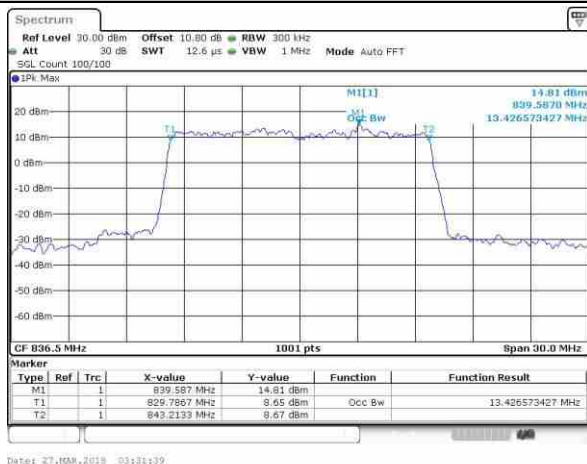


LTE Band 26

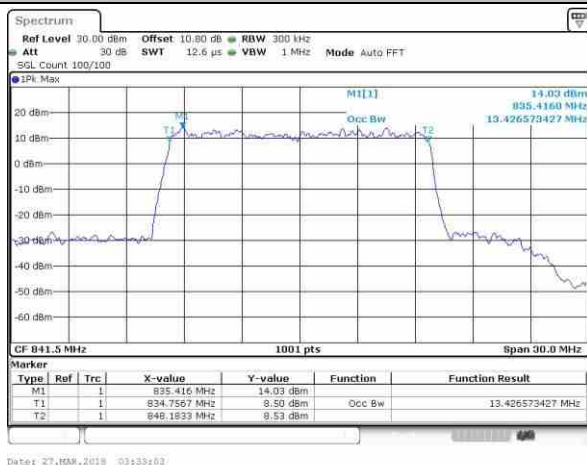
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 64QAM

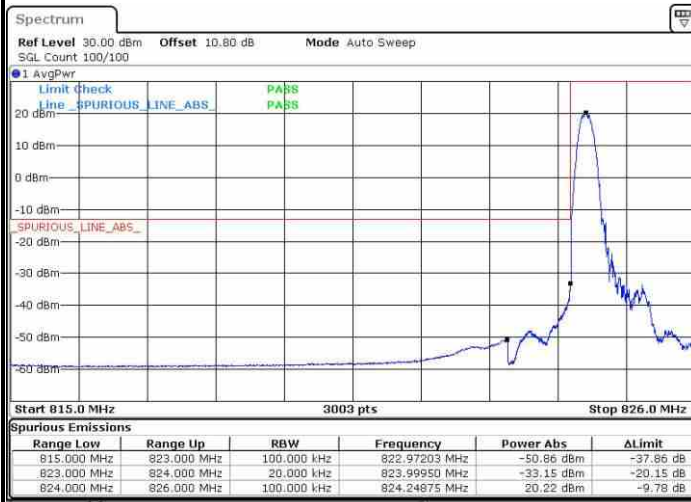


**Conducted Band Edge****LTE Band 26 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 26 / 1.4MHz / 16QAM

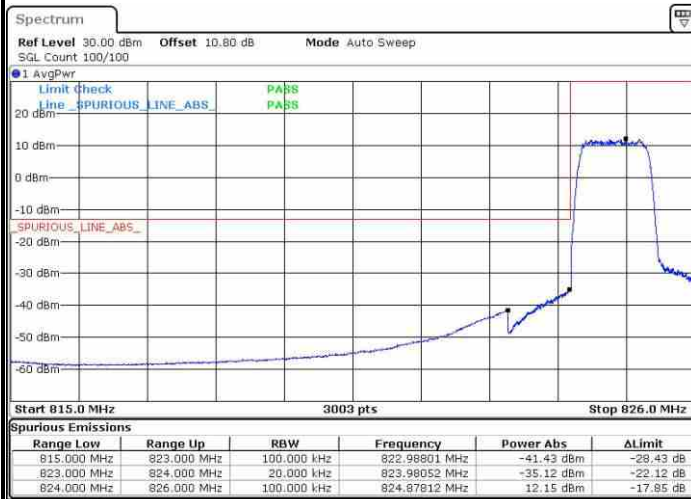
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



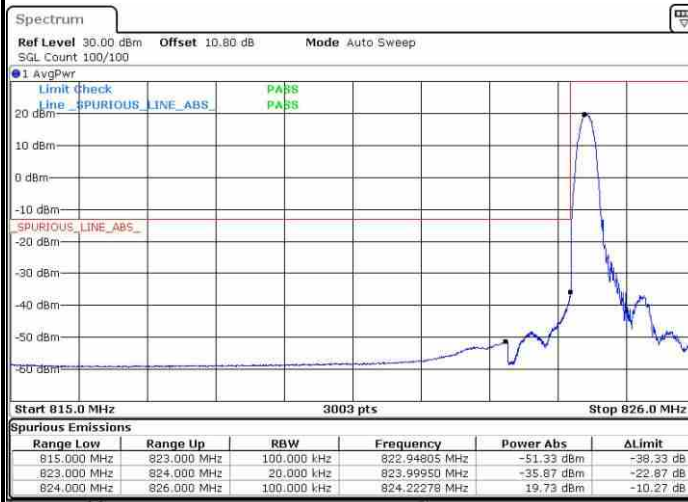
Highest Band Edge / Full RB





LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



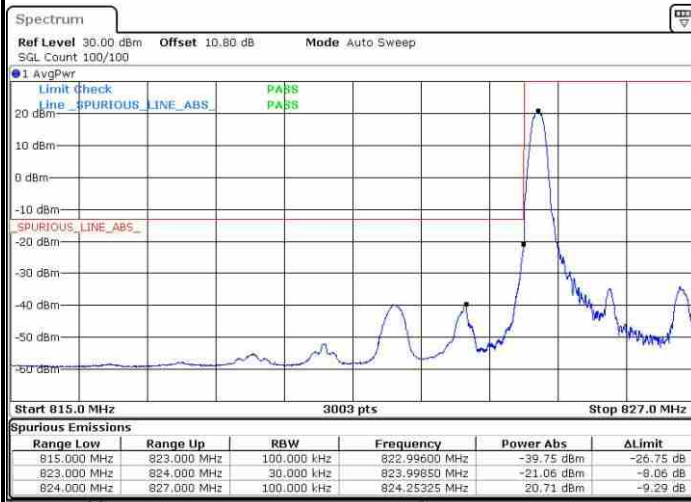
Highest Band Edge / Full RB



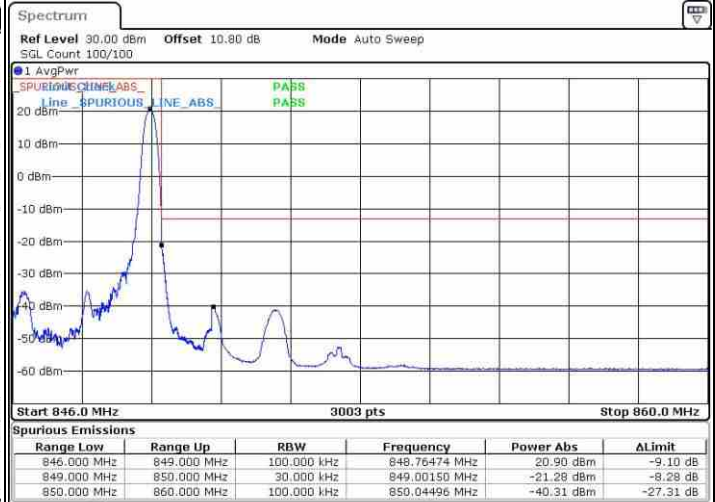


LTE Band 26 / 3MHz / QPSK

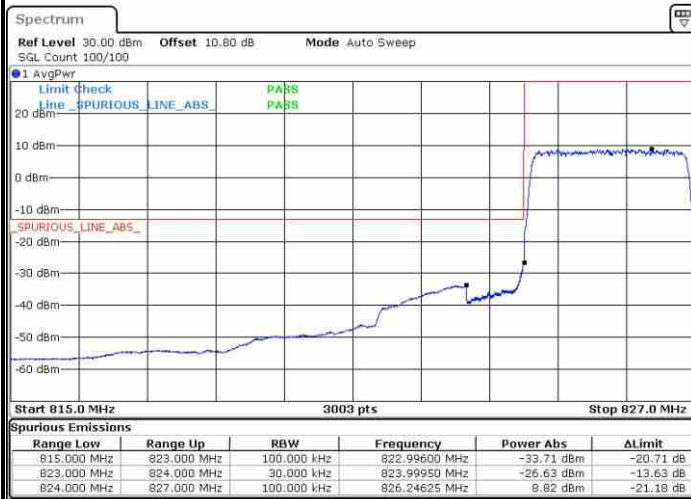
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



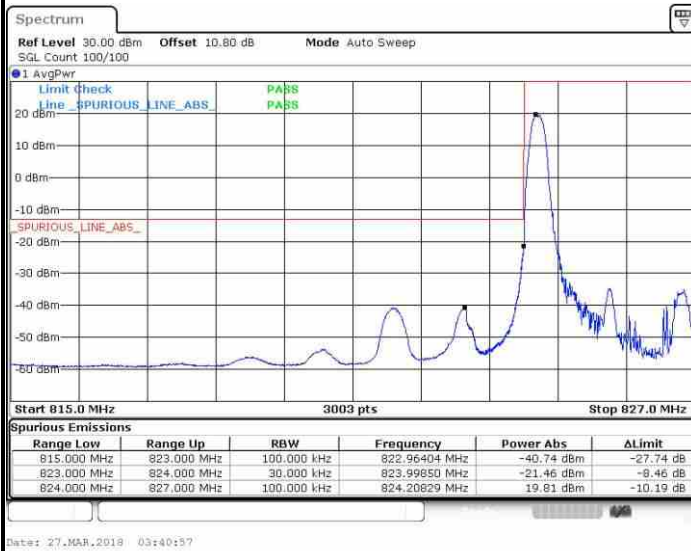
Highest Band Edge / Full RB



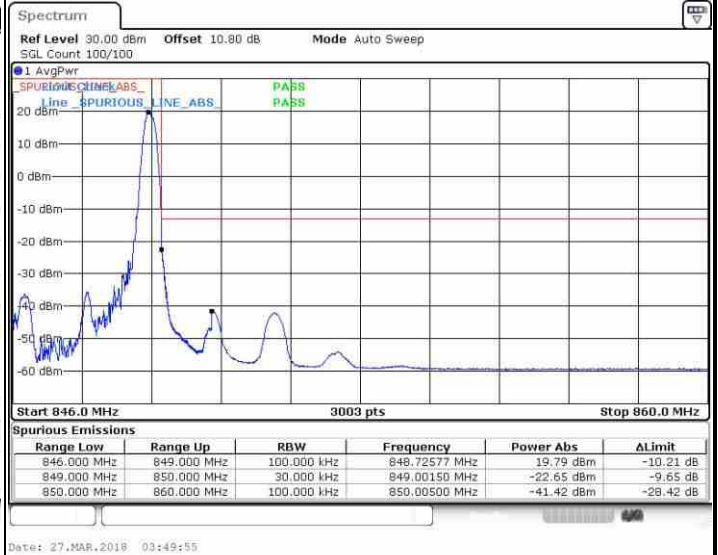


LTE Band 26 / 3MHz / 16QAM

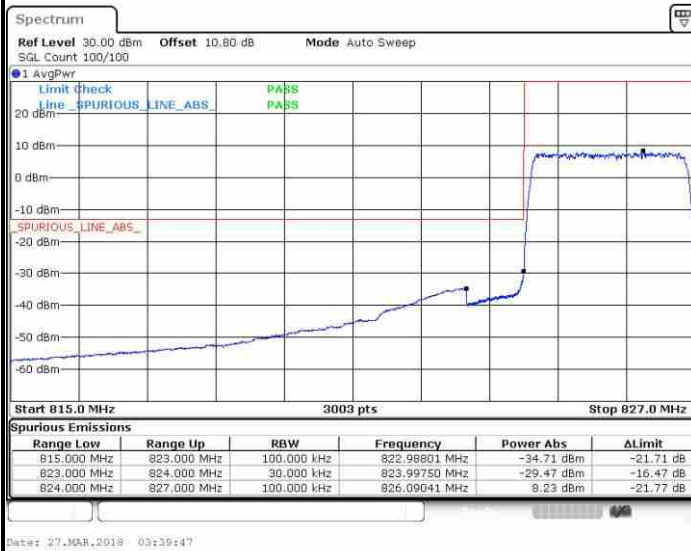
Lowest Band Edge / 1 RB



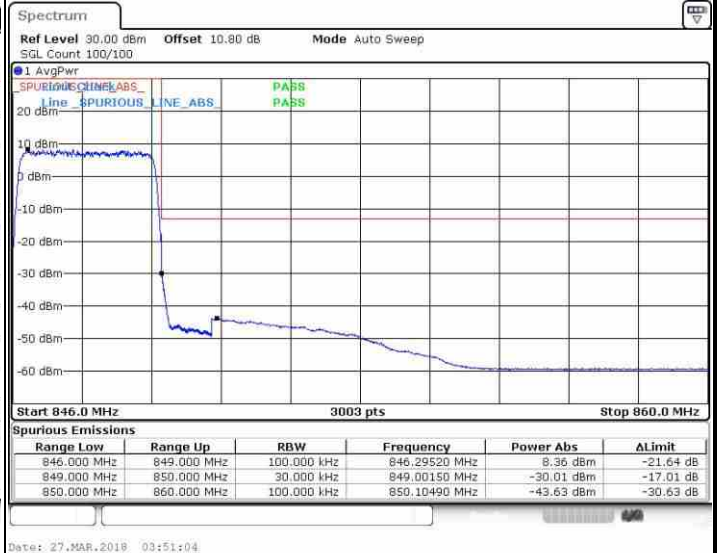
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



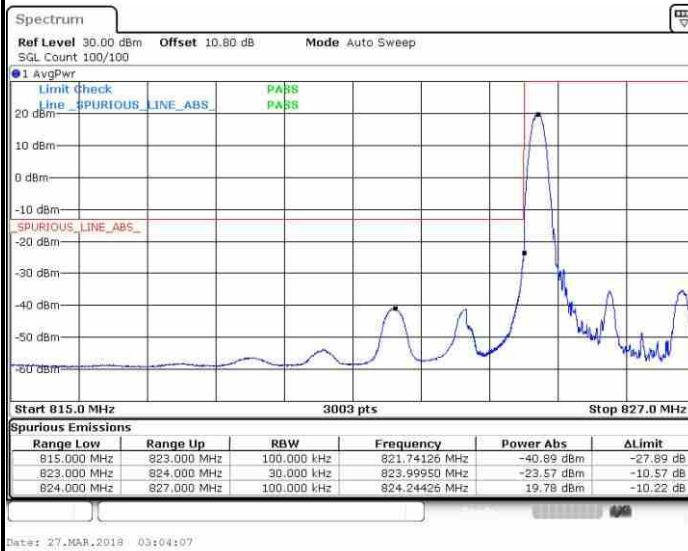
Highest Band Edge / Full RB



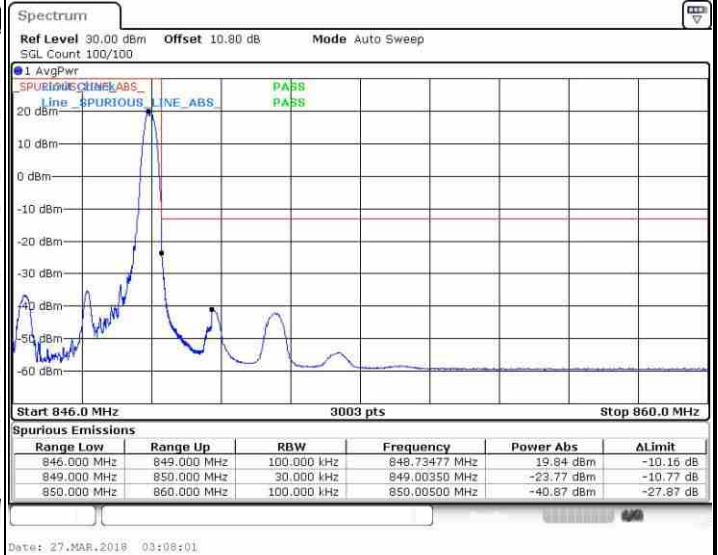


LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



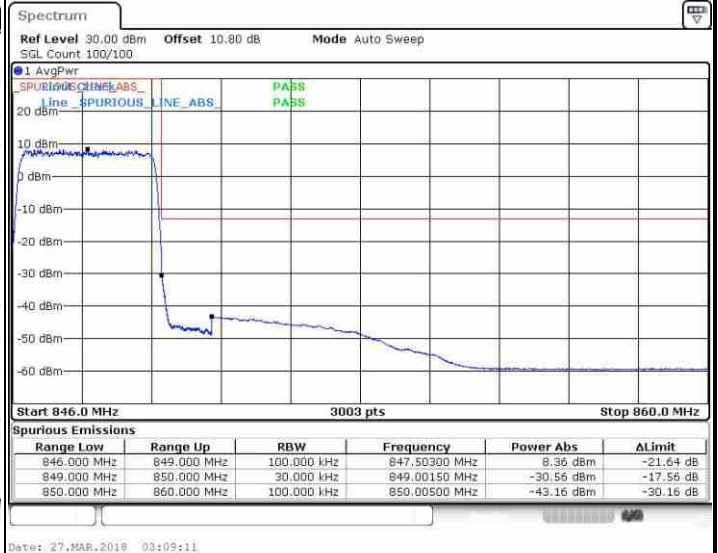
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



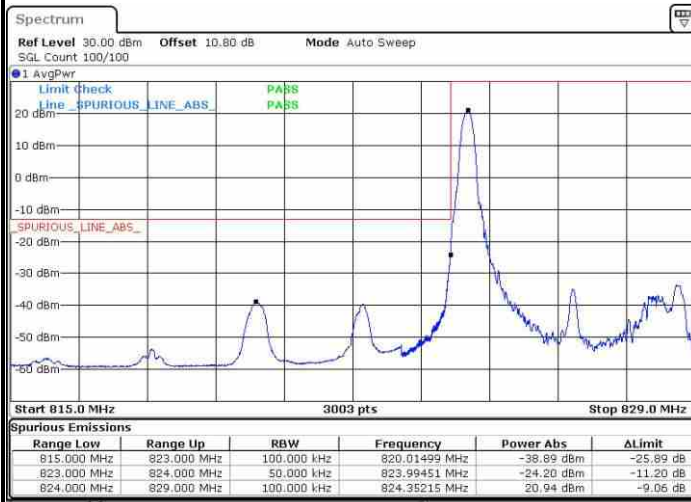
Highest Band Edge / Full RB



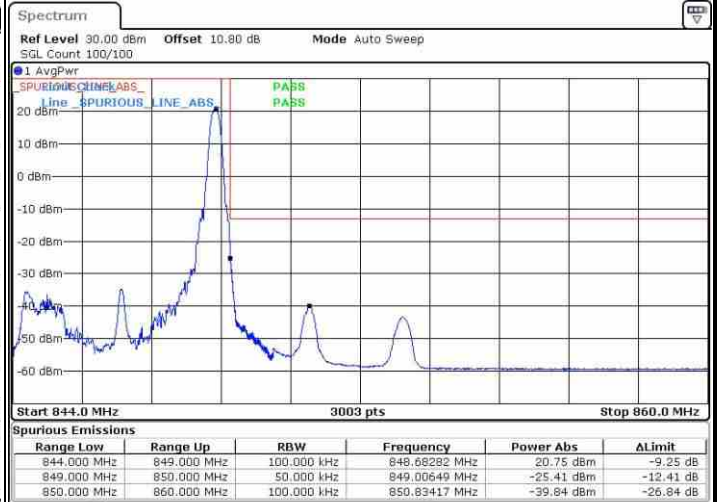


LTE Band 26 / 5MHz / QPSK

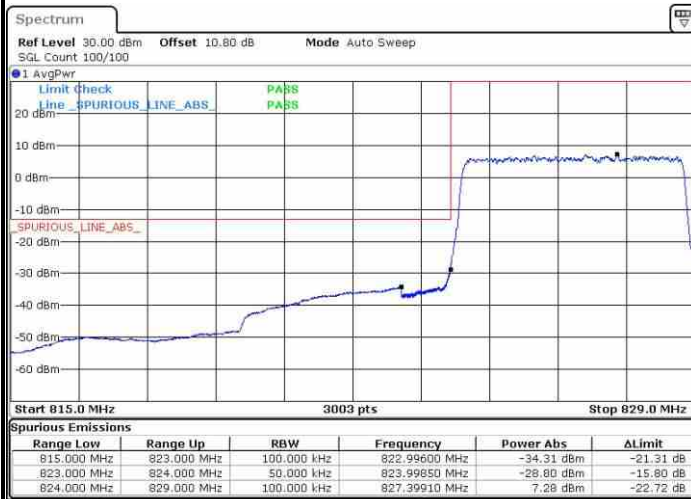
Lowest Band Edge / 1 RB



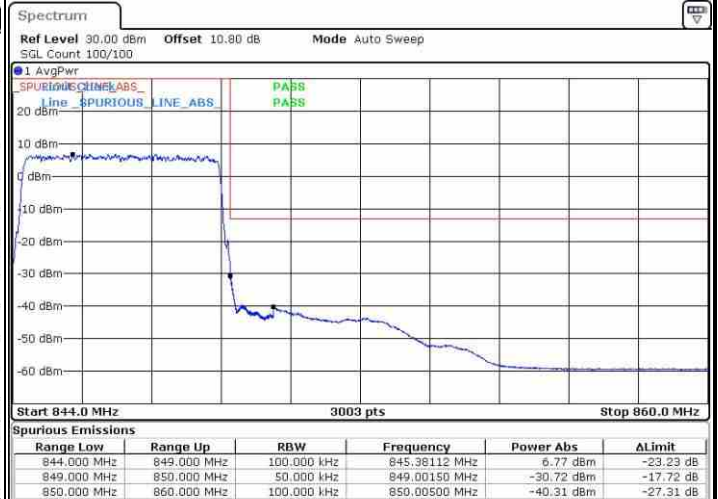
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



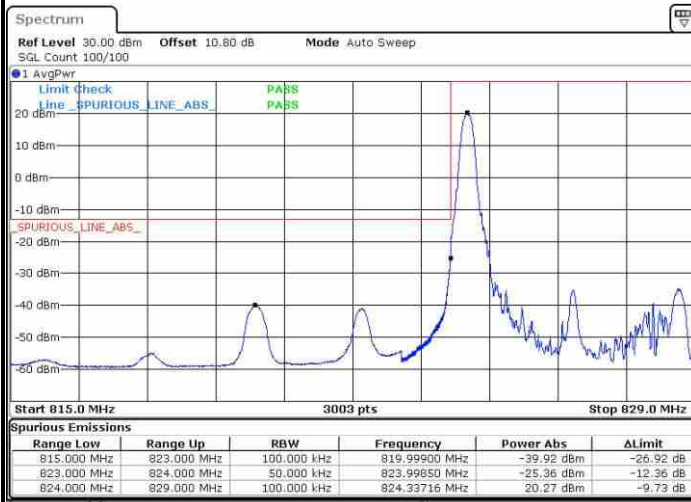
Highest Band Edge / Full RB



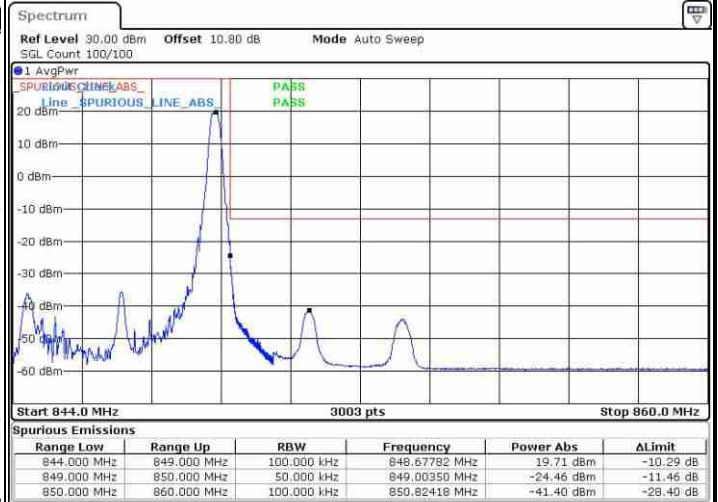


LTE Band 26 / 5MHz / 16QAM

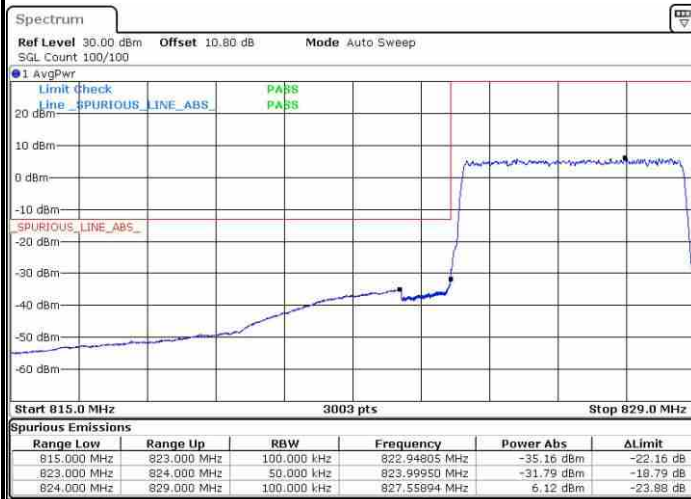
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



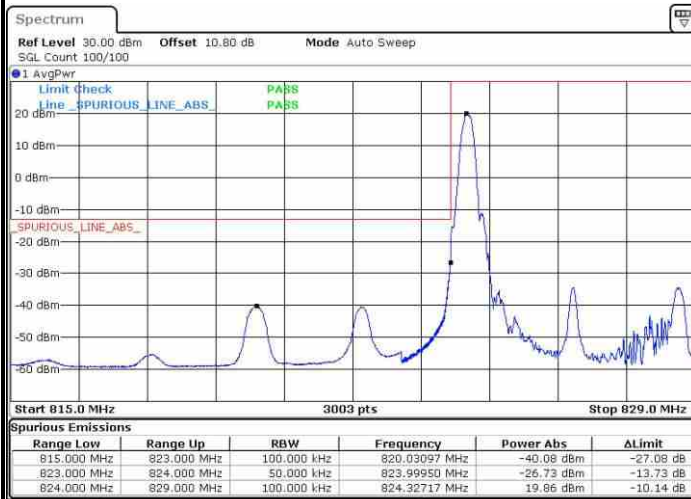
Highest Band Edge / Full RB



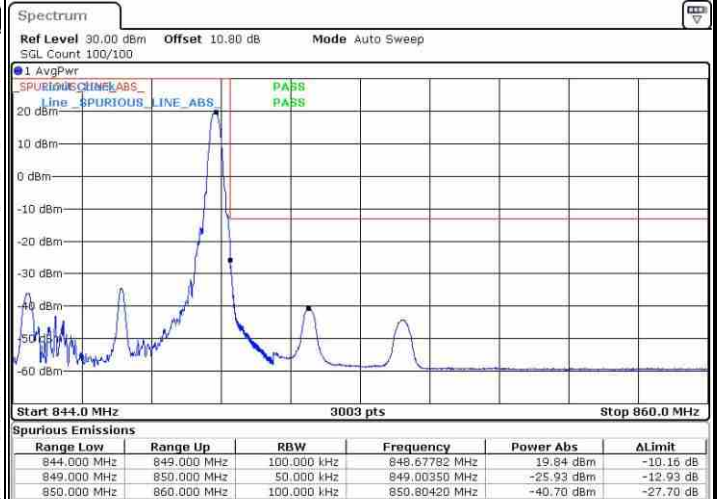


LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



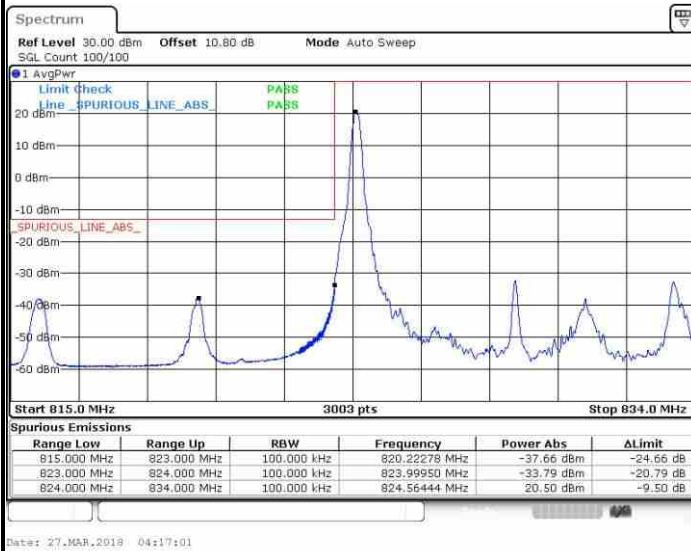
Highest Band Edge / Full RB



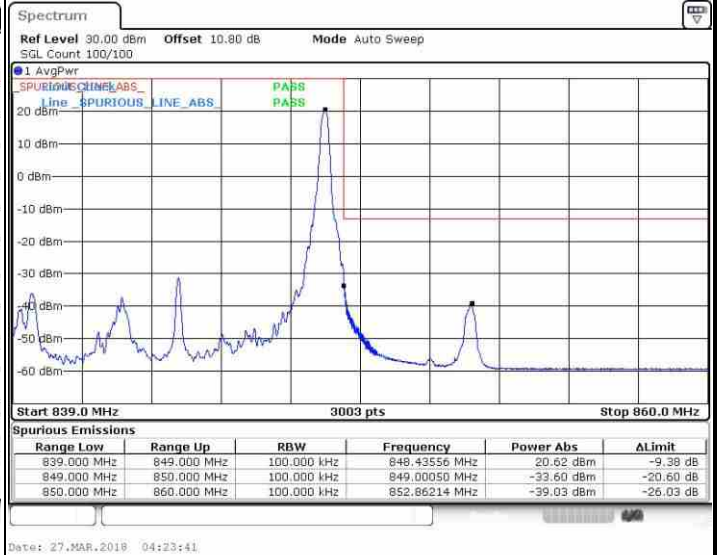


LTE Band 26 / 10MHz / QPSK

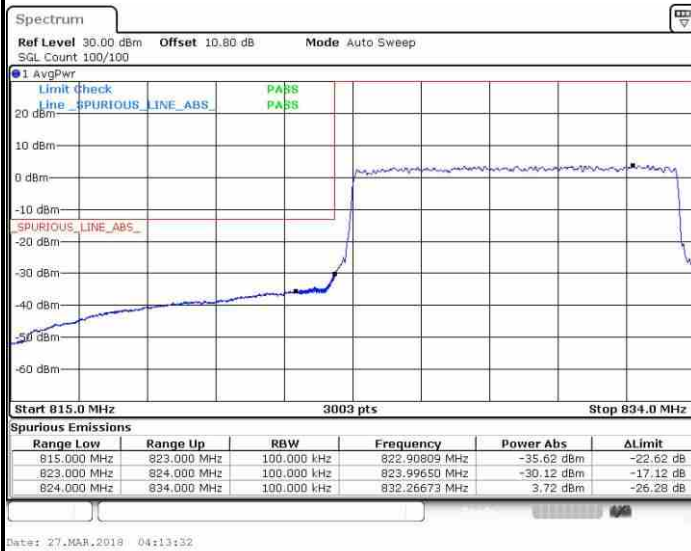
Lowest Band Edge / 1 RB



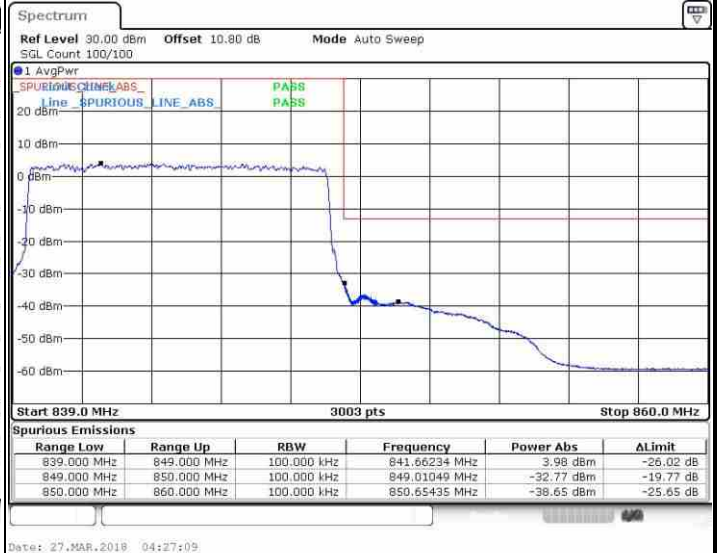
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



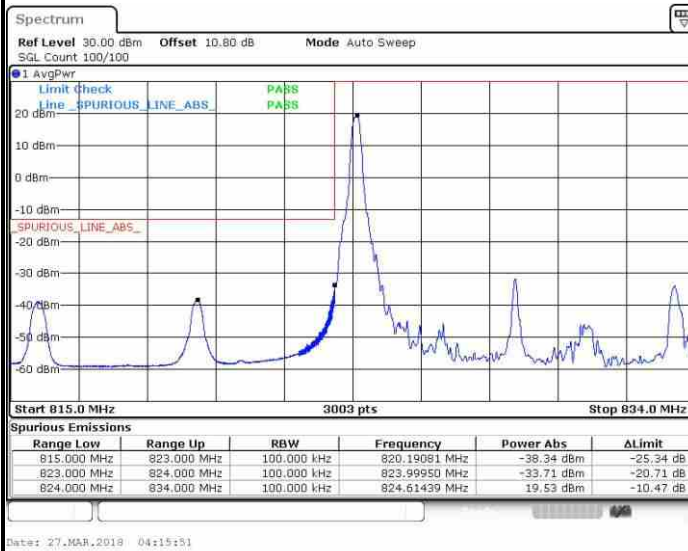
Highest Band Edge / Full RB



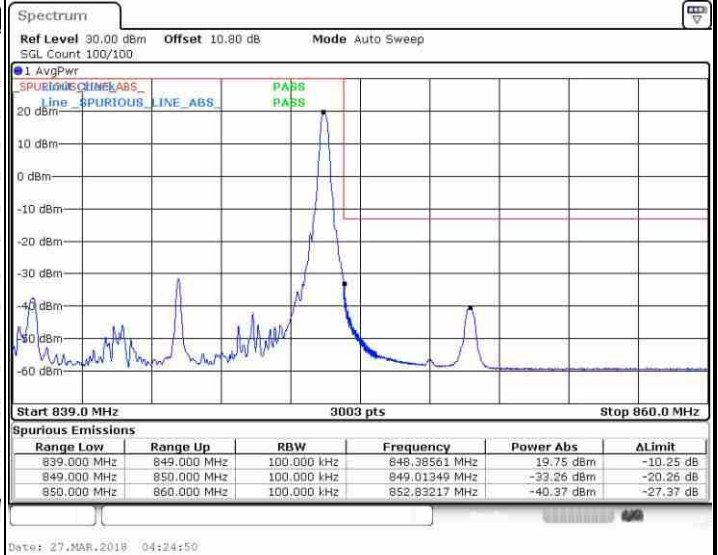


LTE Band 26 / 10MHz / 16QAM

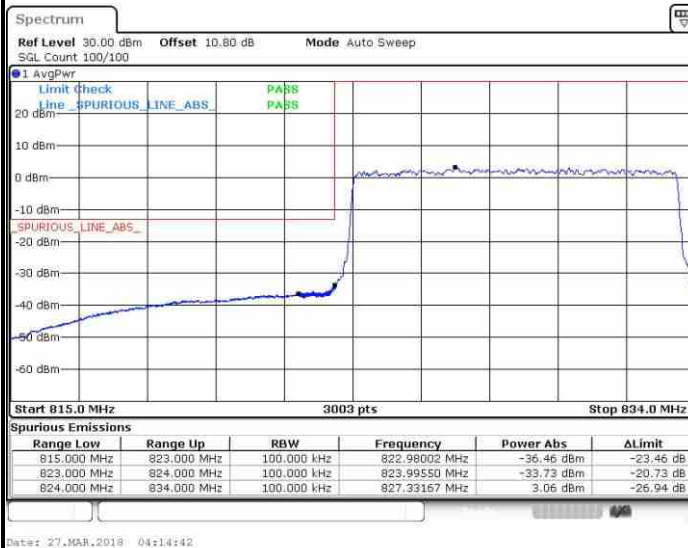
Lowest Band Edge / 1 RB



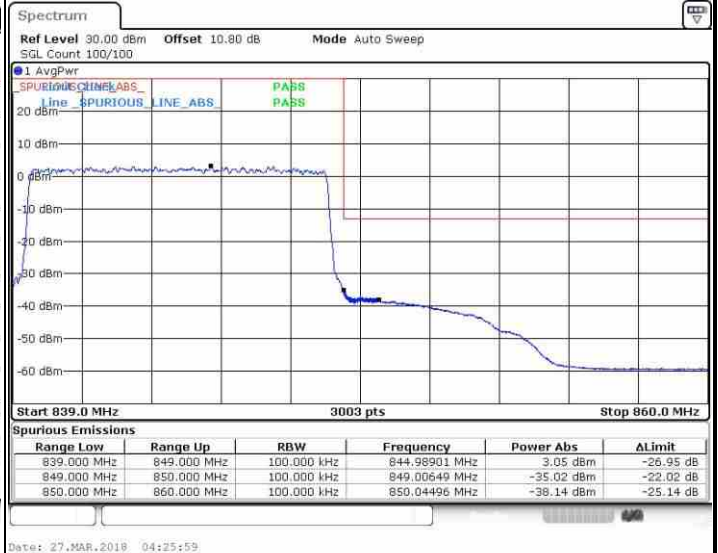
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



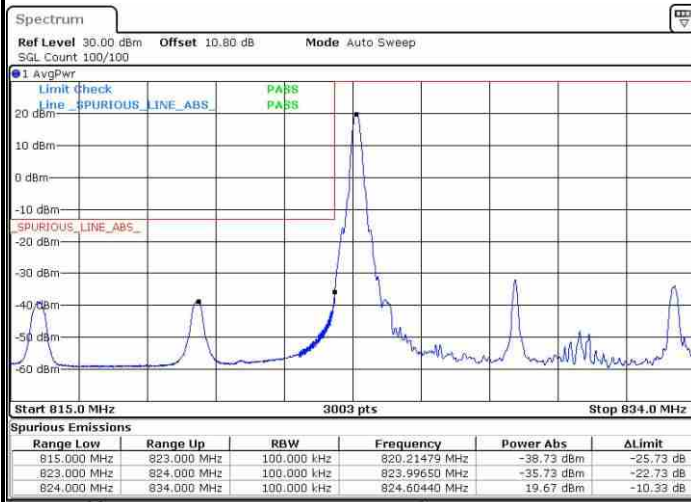
Highest Band Edge / Full RB



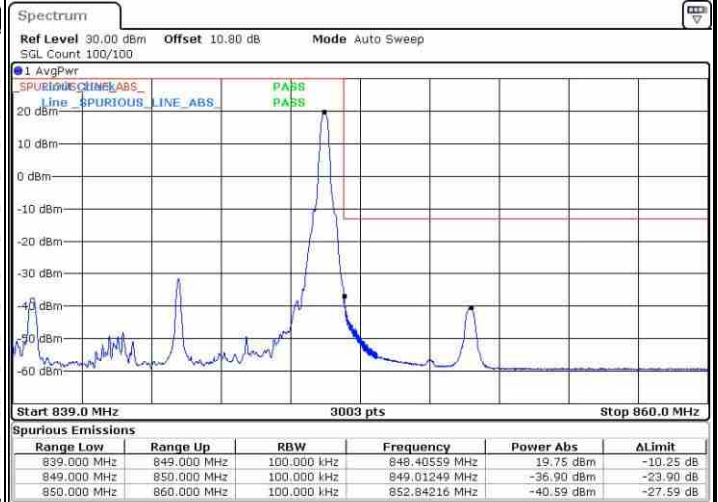


LTE Band 26 / 10MHz / 64QAM

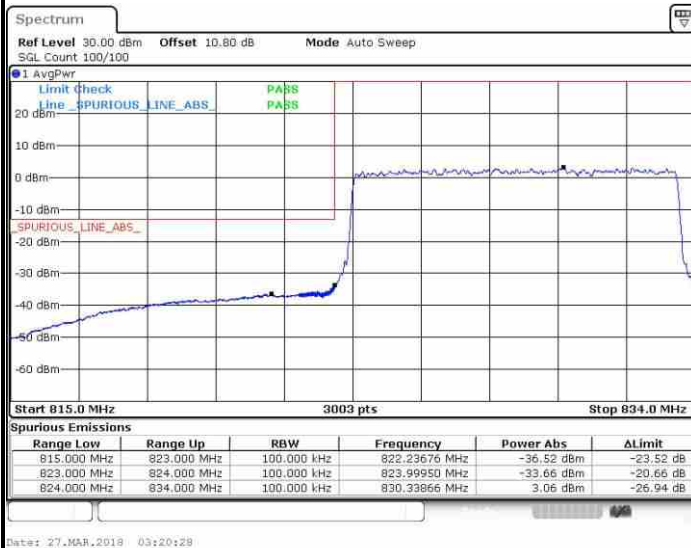
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



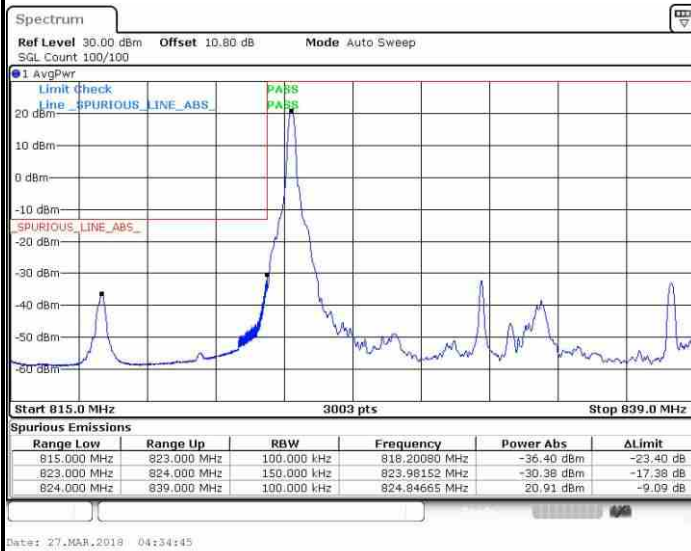
Highest Band Edge / Full RB



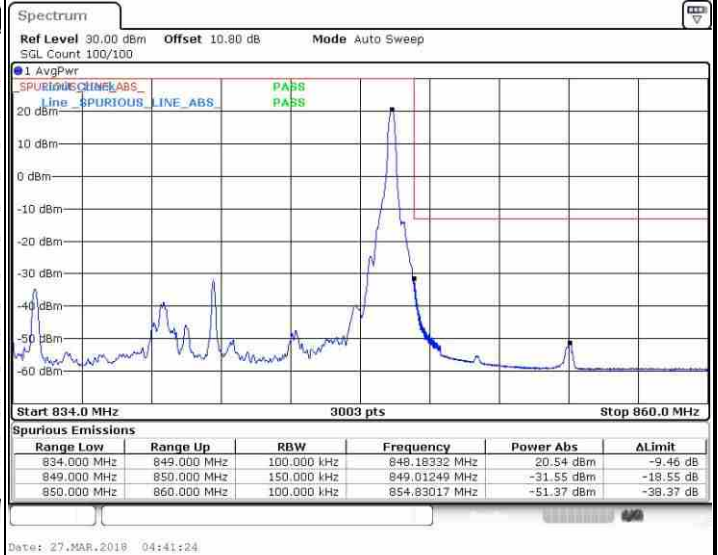


LTE Band 26 / 15MHz / QPSK

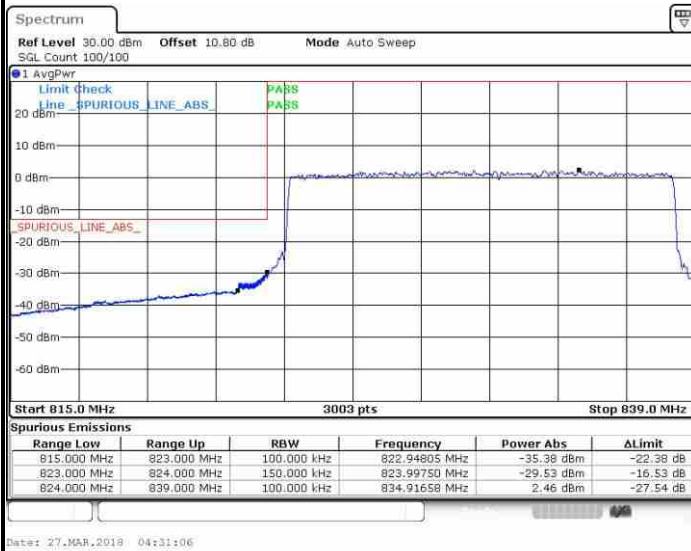
Lowest Band Edge / 1 RB



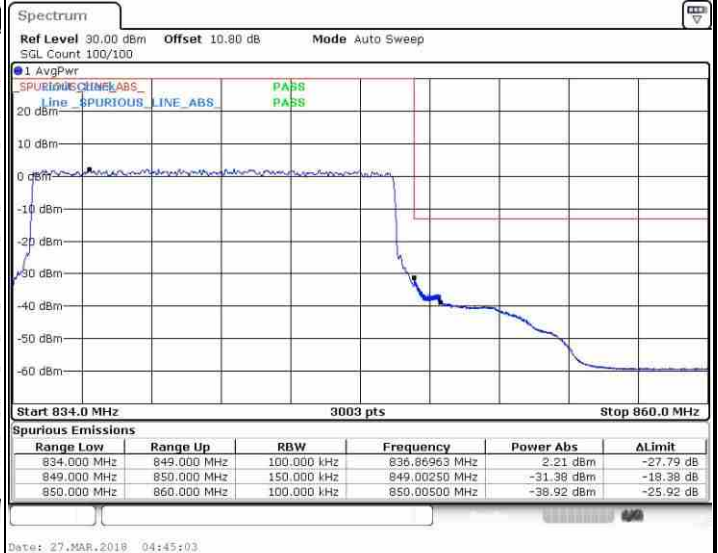
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



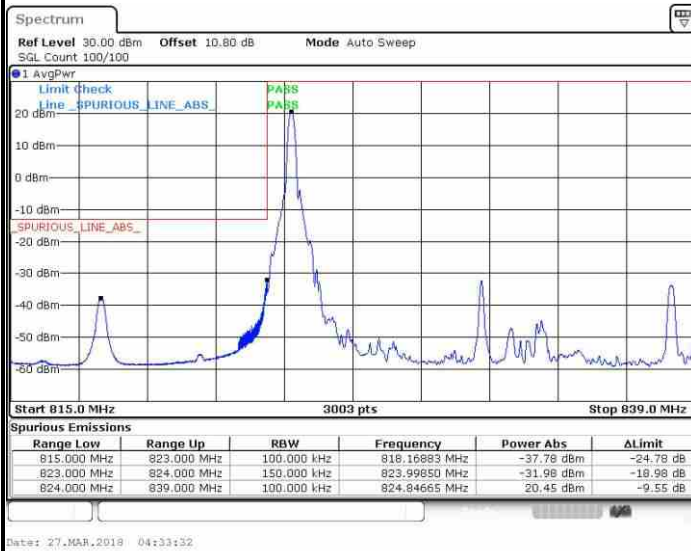
Highest Band Edge / Full RB



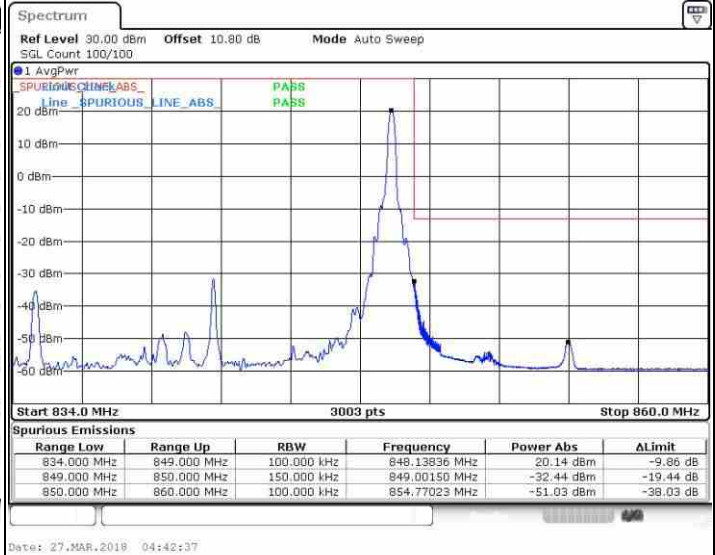


LTE Band 26 / 15MHz / 16QAM

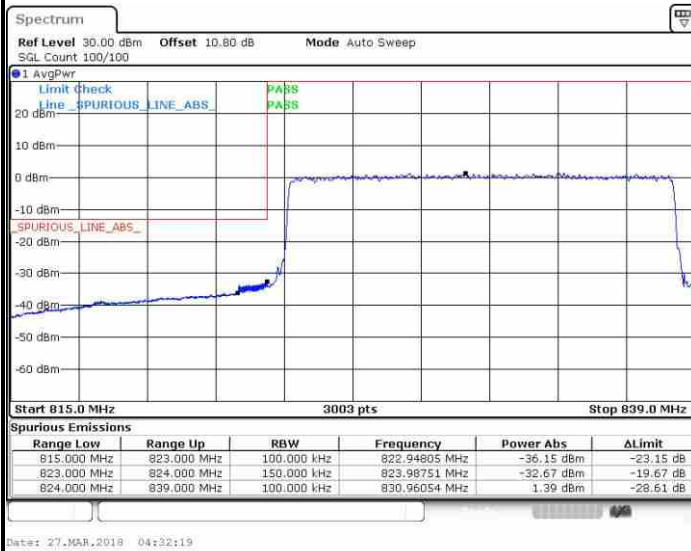
Lowest Band Edge / 1 RB



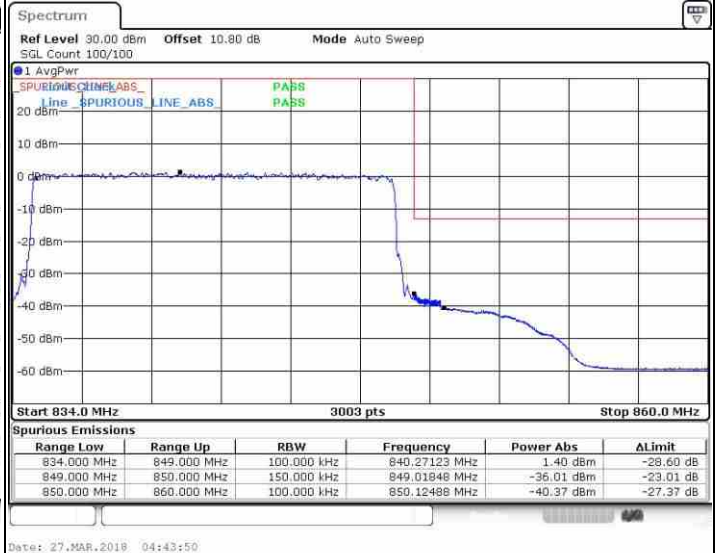
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



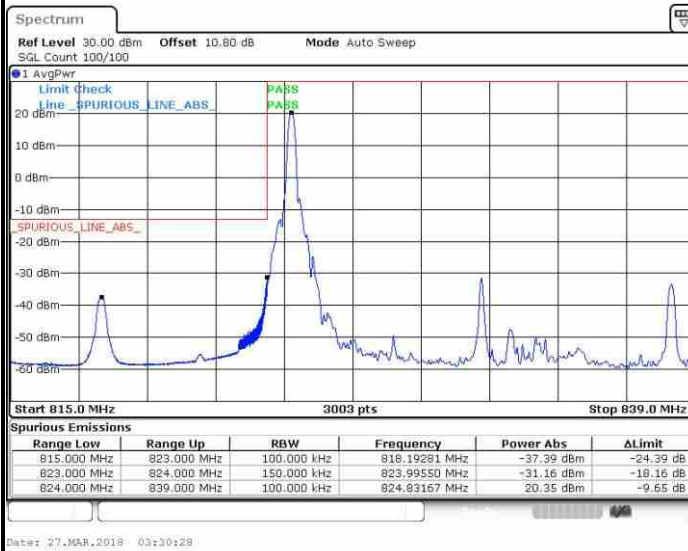
Highest Band Edge / Full RB



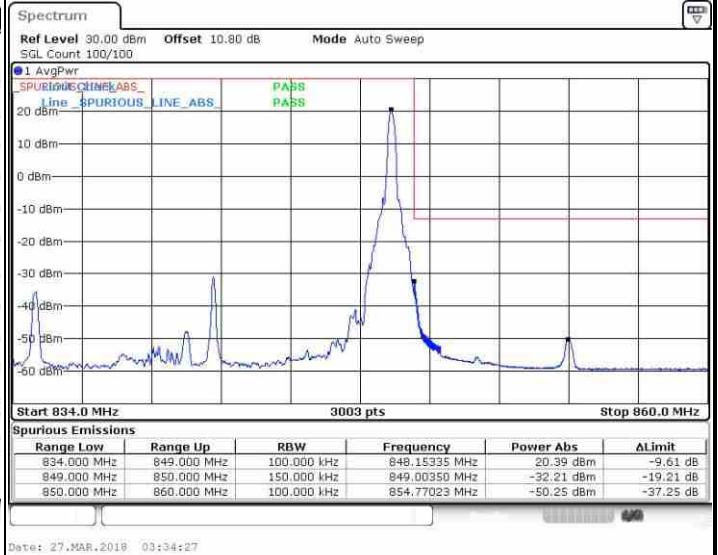


LTE Band 26 / 15MHz / 64QAM

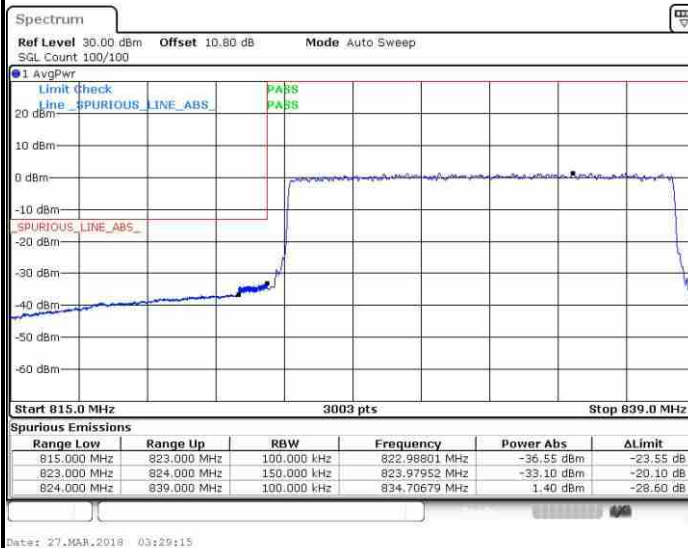
Lowest Band Edge / 1 RB



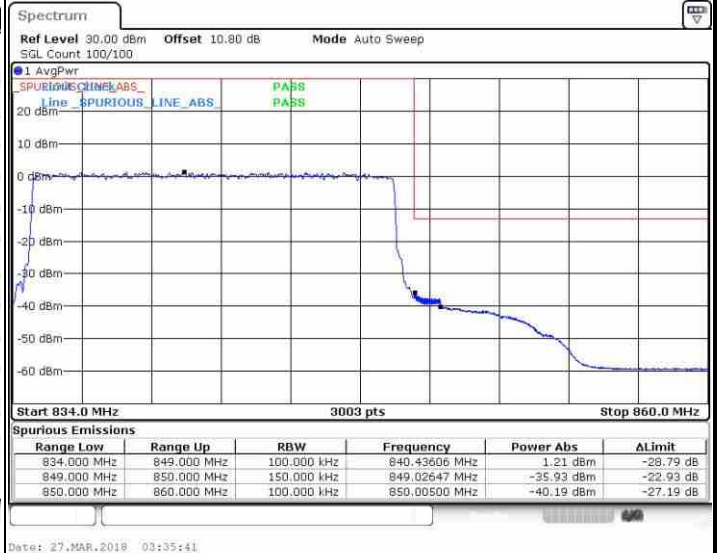
Highest Band Edge / 1 RB

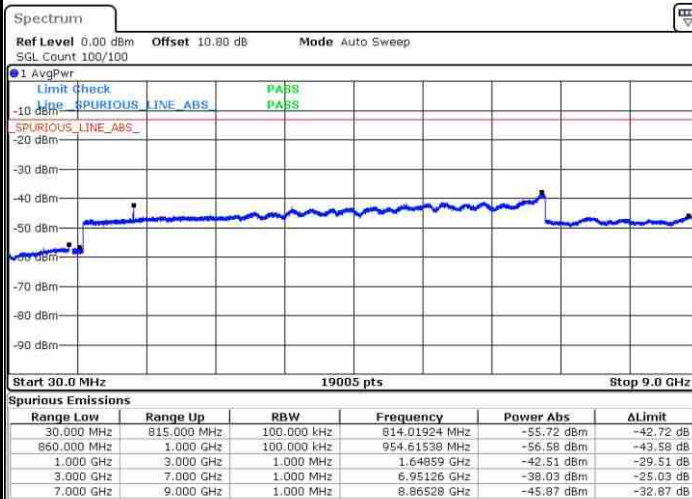


Lowest Band Edge / Full RB

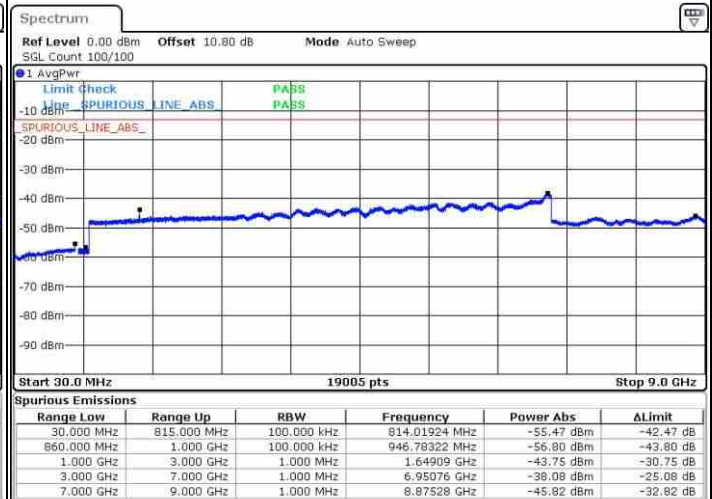


Highest Band Edge / Full RB

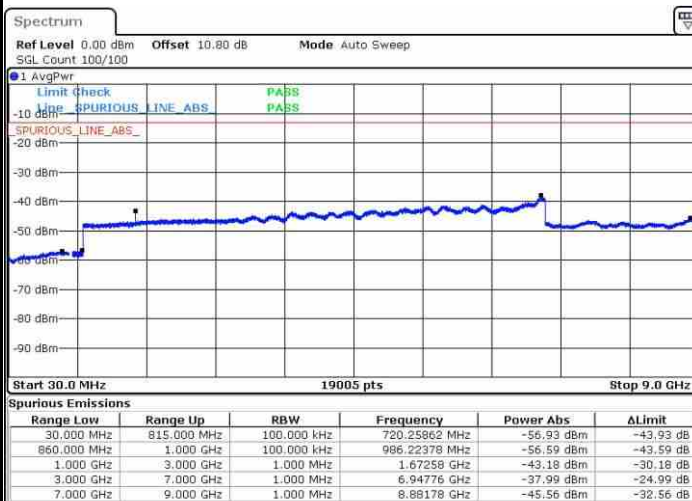


**Conducted Spurious Emission****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

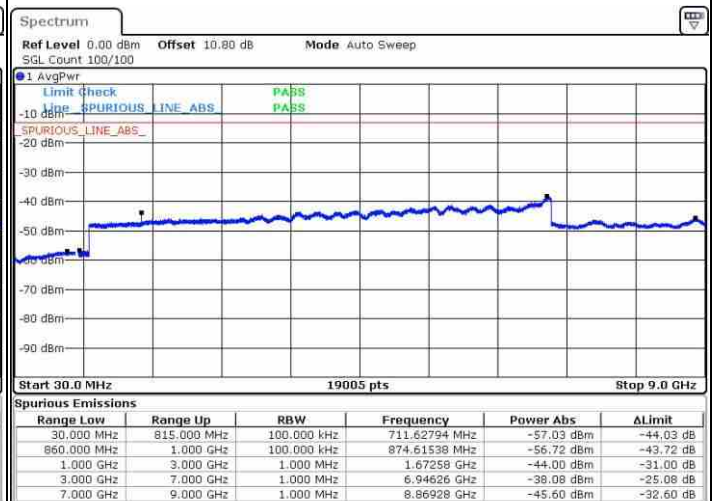
Date: 27.MAR.2018 02:39:47

Lowest Channel / 16QAM

Date: 27.MAR.2018 02:40:47

Middle Channel / QPSK

Date: 27.MAR.2018 02:42:32

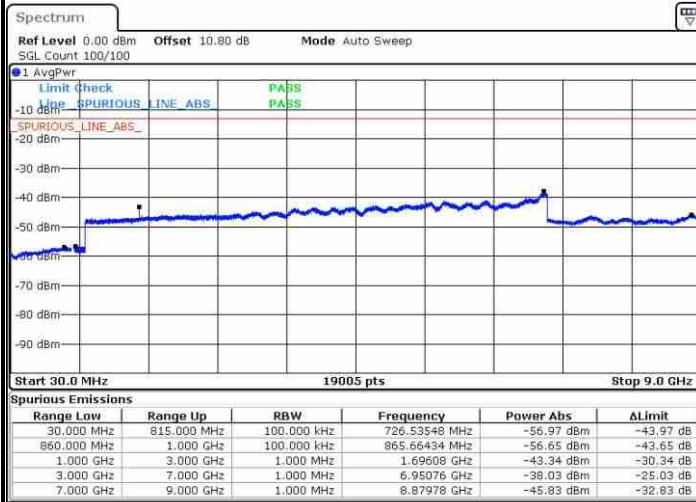
Middle Channel / 16QAM

Date: 27.MAR.2018 02:43:31



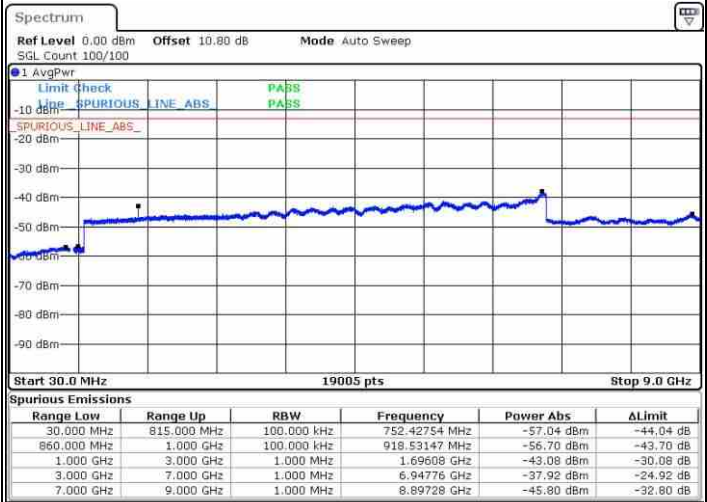
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 27.MAR.2018 02:50:45

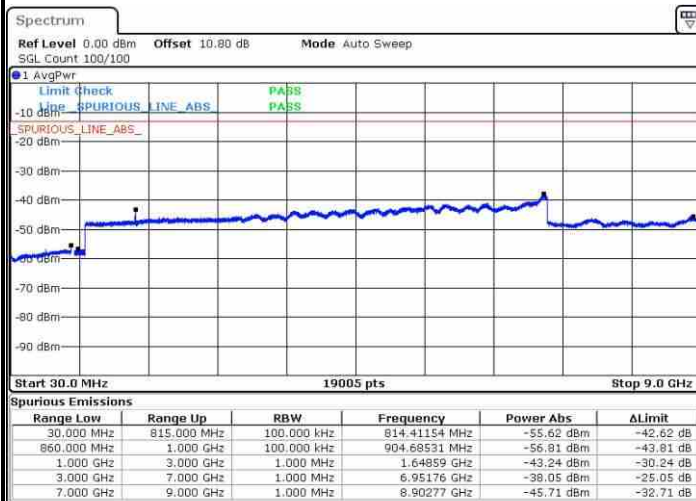
Highest Channel / 16QAM



Date: 27.MAR.2018 02:51:48

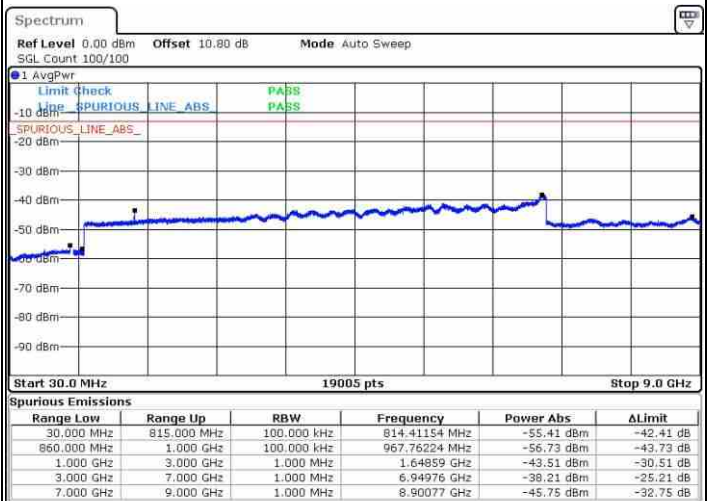
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 27.MAR.2018 03:43:04

Lowest Channel / 16QAM

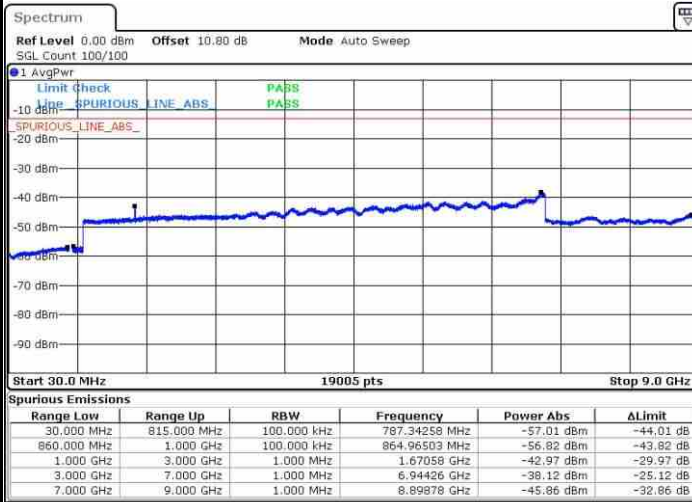


Date: 27.MAR.2018 03:44:03



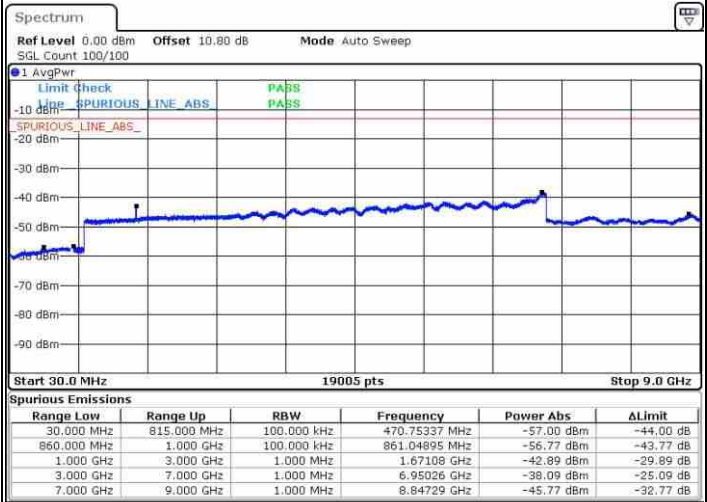
LTE Band 26 / 3MHz

Middle Channel / QPSK



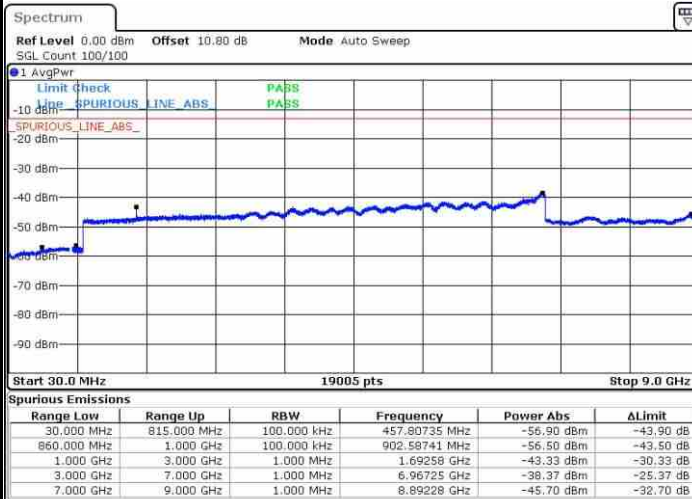
Date: 27.MAR.2018 03:45:48

Middle Channel / 16QAM



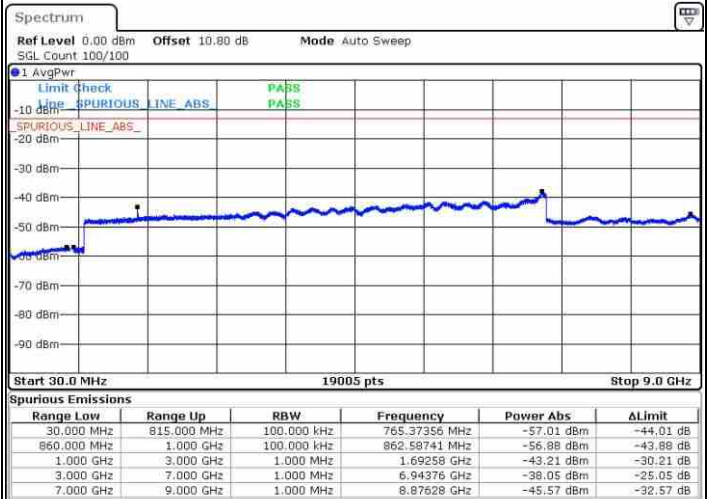
Date: 27.MAR.2018 03:46:47

Highest Channel / QPSK



Date: 27.MAR.2018 03:53:11

Highest Channel / 16QAM

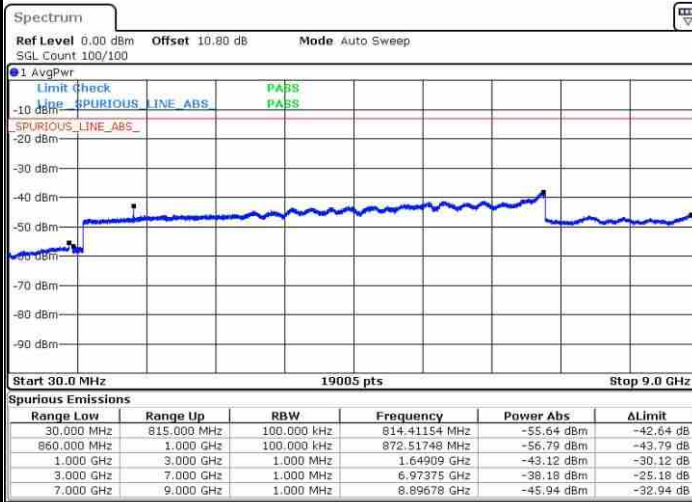


Date: 27.MAR.2018 03:54:10



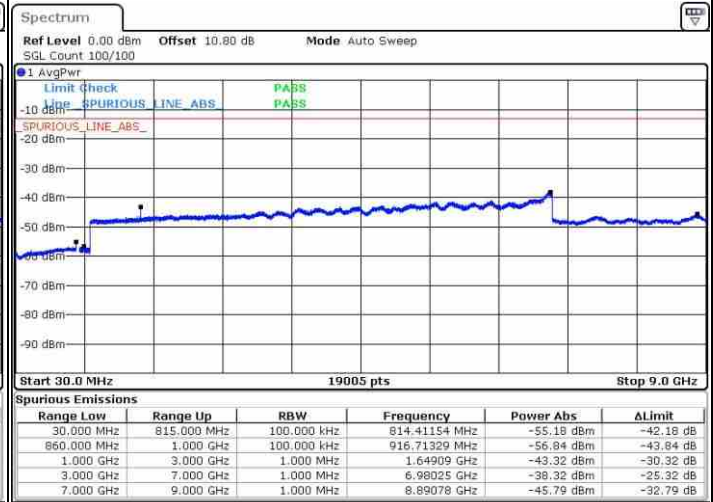
LTE Band 26 / 5MHz

Lowest Channel / QPSK



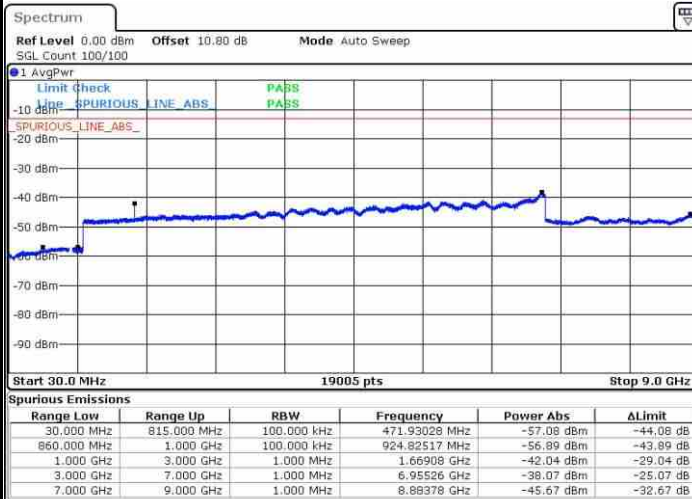
Date: 27.MAR.2018 04:00:32

Lowest Channel / 16QAM



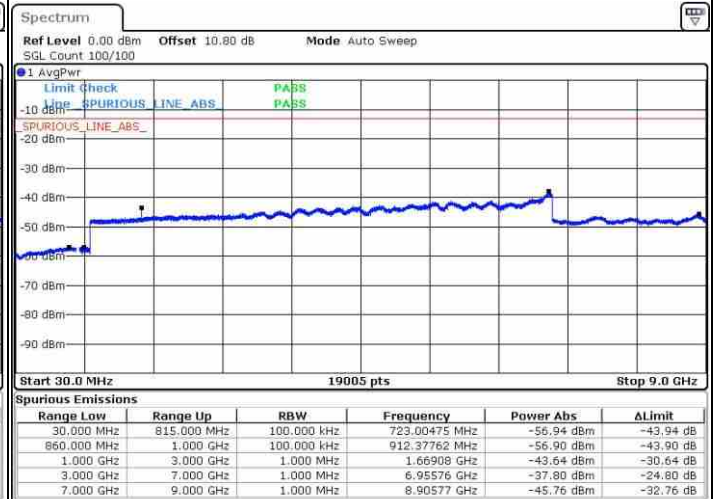
Date: 27.MAR.2018 04:01:30

Middle Channel / QPSK



Date: 27.MAR.2018 04:03:16

Middle Channel / 16QAM

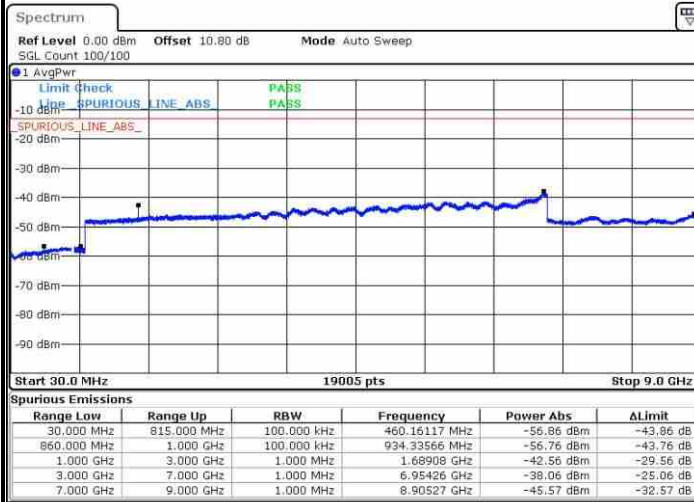


Date: 27.MAR.2018 04:04:14



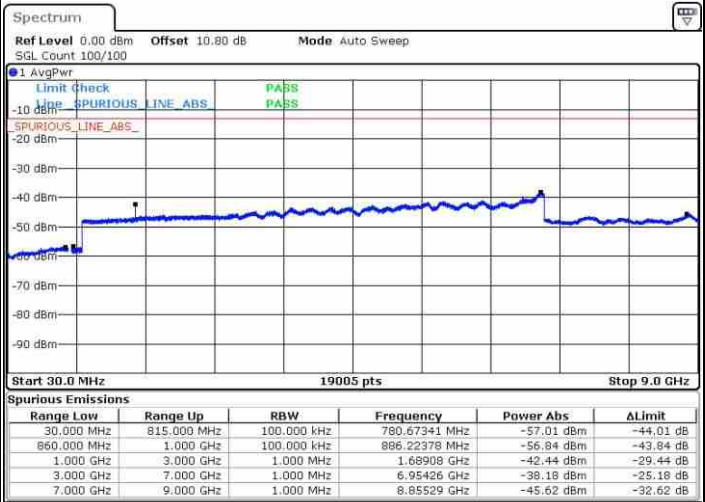
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 27.MAR.2018 04:10:38

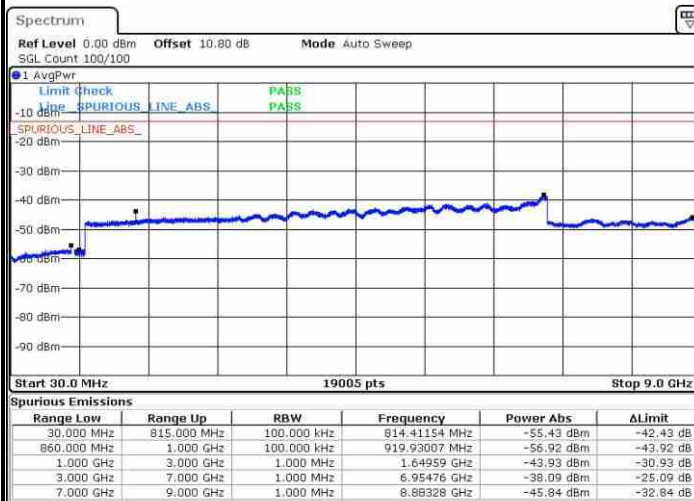
Highest Channel / 16QAM



Date: 27.MAR.2018 04:11:36

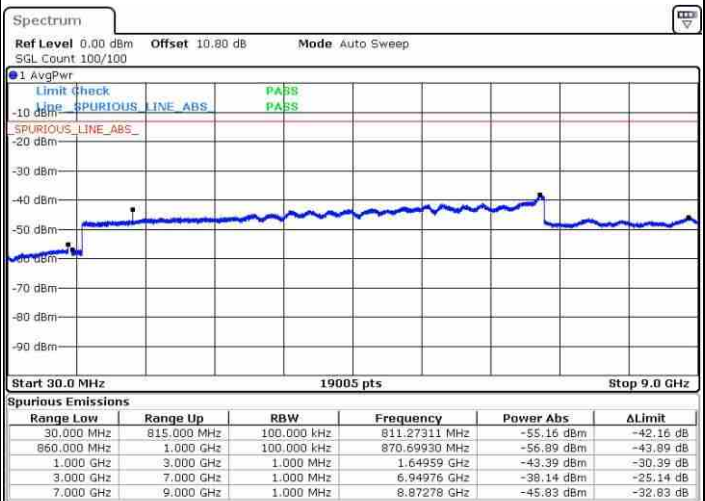
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 27.MAR.2018 04:17:59

Lowest Channel / 16QAM

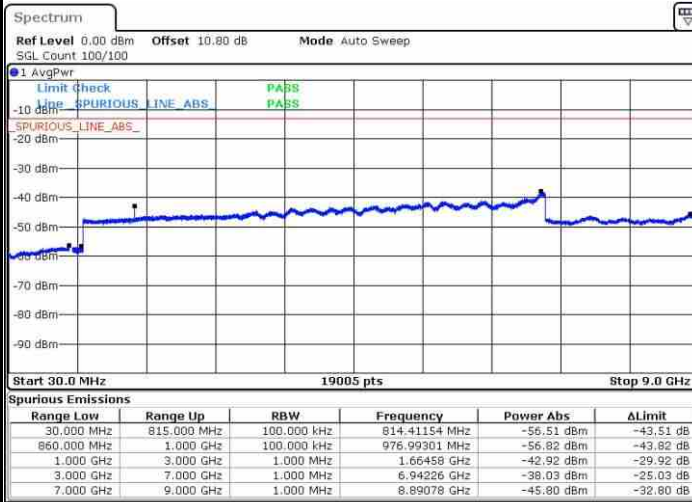


Date: 27.MAR.2018 04:18:59



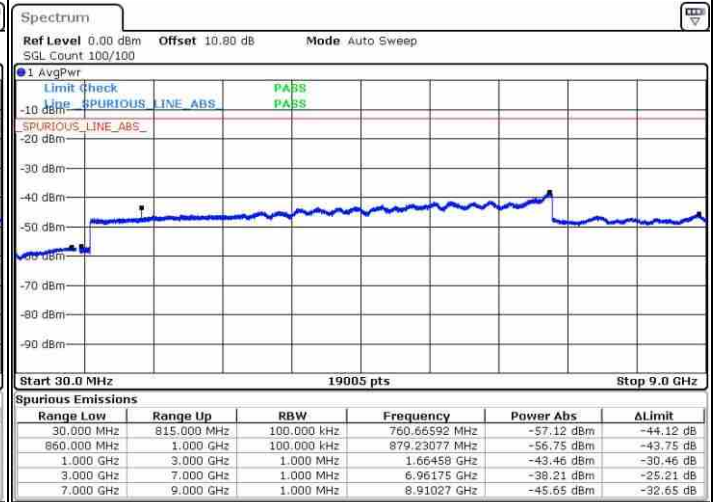
LTE Band 26 / 10MHz

Middle Channel / QPSK



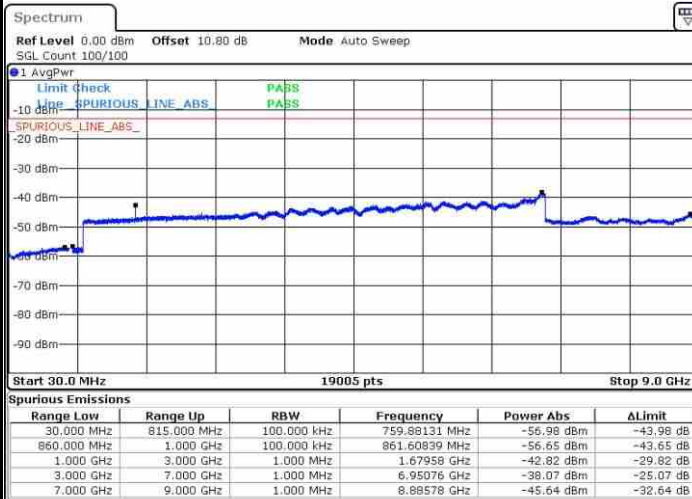
Date: 27.MAR.2018 04:20:43

Middle Channel / 16QAM



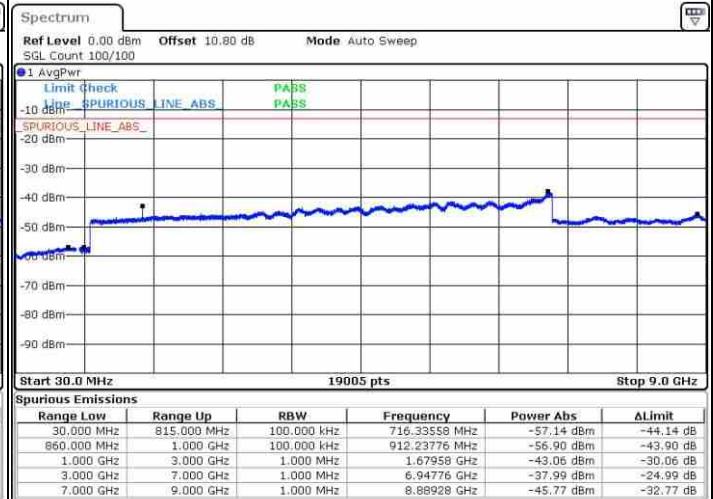
Date: 27.MAR.2018 04:21:42

Highest Channel / QPSK



Date: 27.MAR.2018 04:28:07

Highest Channel / 16QAM

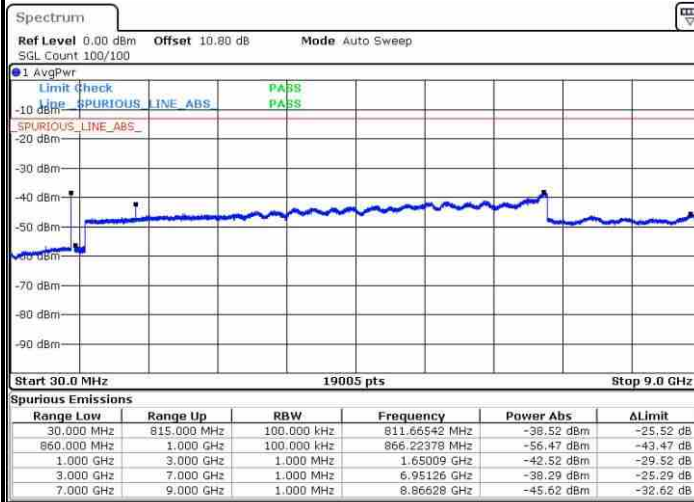


Date: 27.MAR.2018 04:29:06



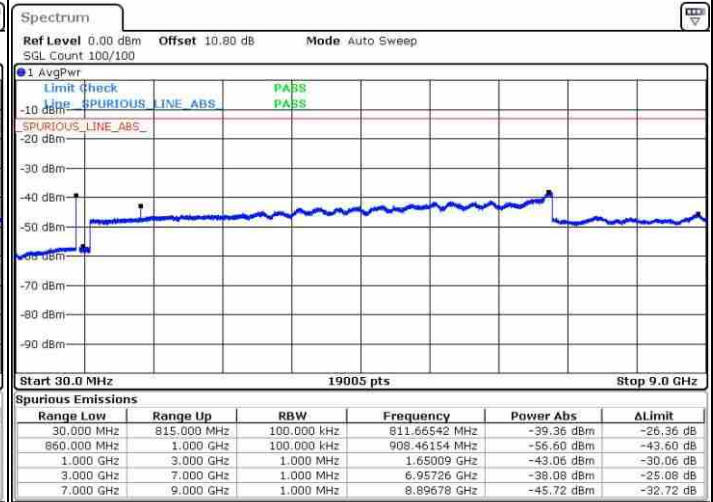
LTE Band 26 / 15MHz

Lowest Channel / QPSK



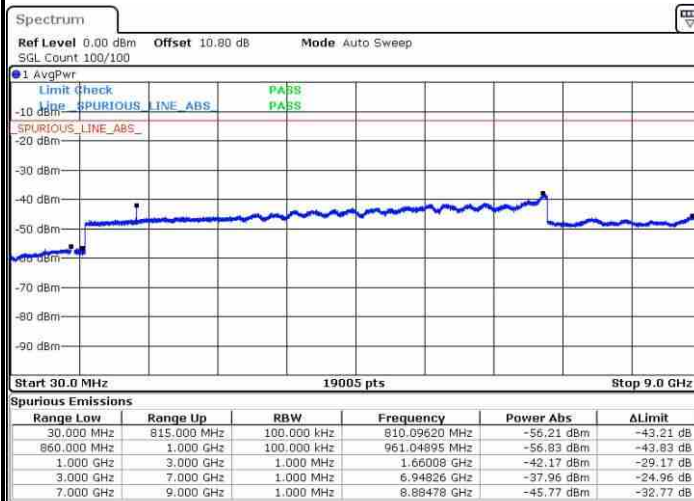
Date: 27.MAR.2018 04:35:44

Lowest Channel / 16QAM



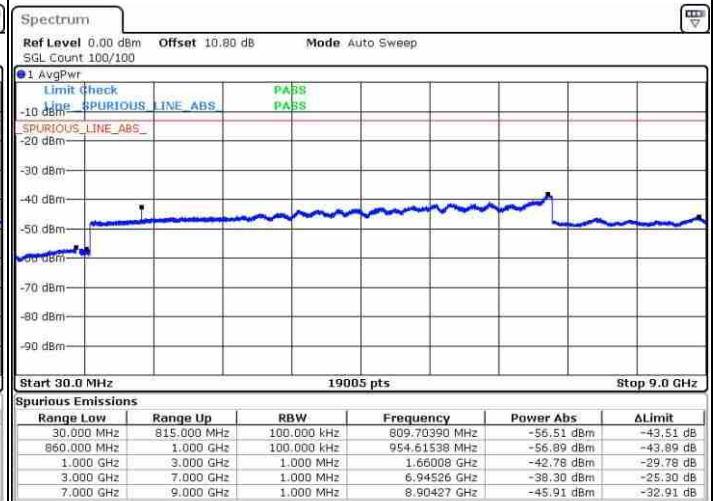
Date: 27.MAR.2018 04:36:42

Middle Channel / QPSK



Date: 27.MAR.2018 04:38:26

Middle Channel / 16QAM

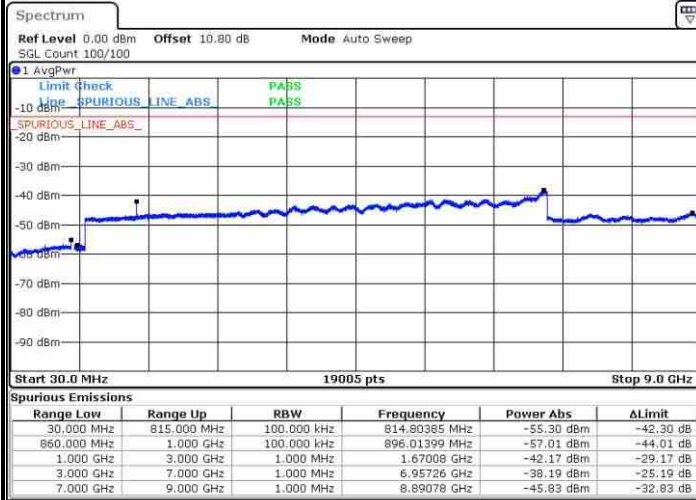


Date: 27.MAR.2018 04:39:24



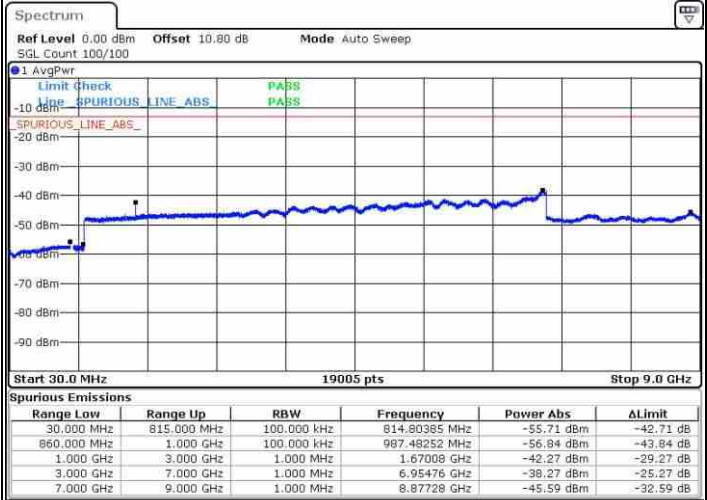
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 27.MAR.2018 04:46:01

Highest Channel / 16QAM

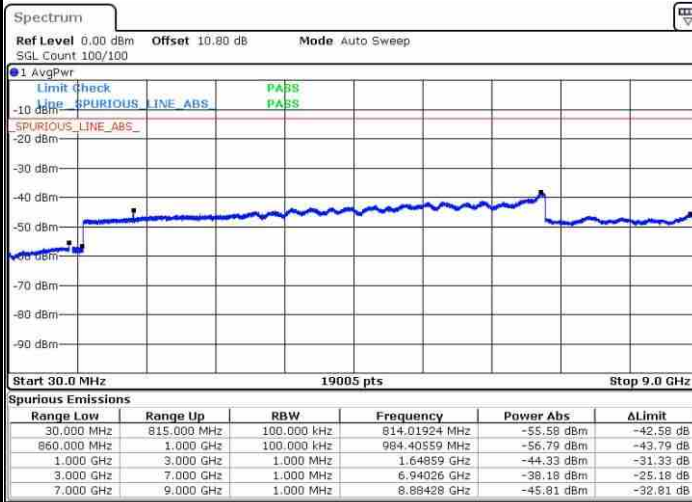


Date: 27.MAR.2018 04:47:00



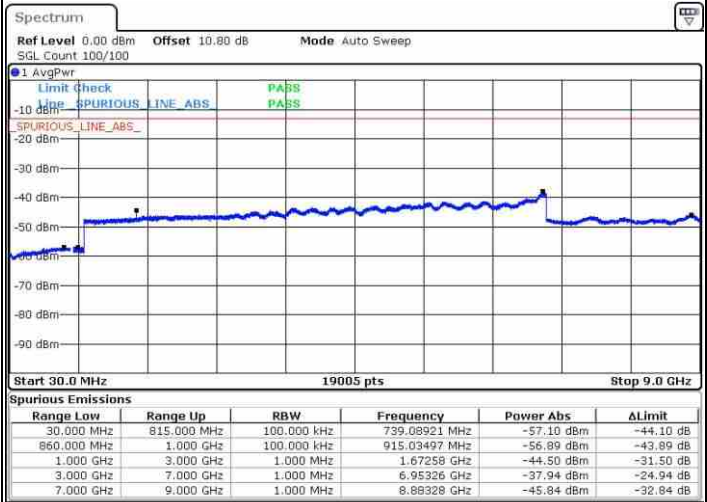
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



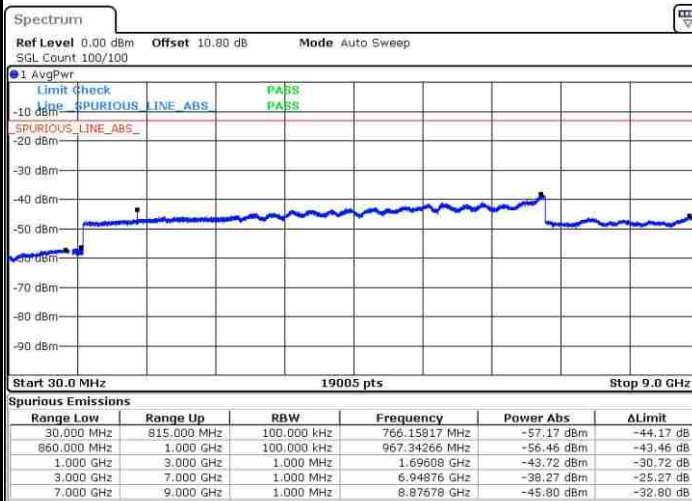
Date: 27.MAR.2018 02:55:52

Middle Channel / 64QAM



Date: 27.MAR.2018 02:57:15

Highest Channel / 64QAM

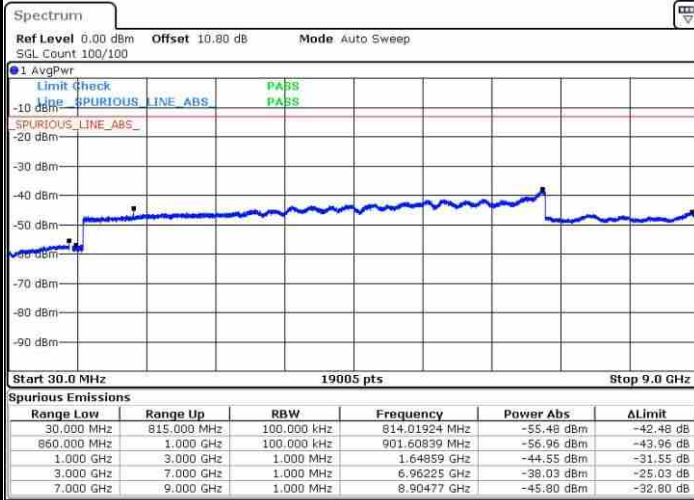


Date: 27.MAR.2018 03:01:23



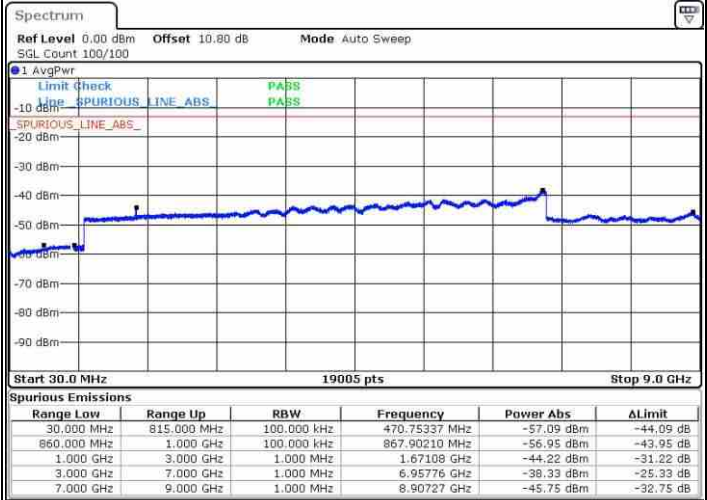
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



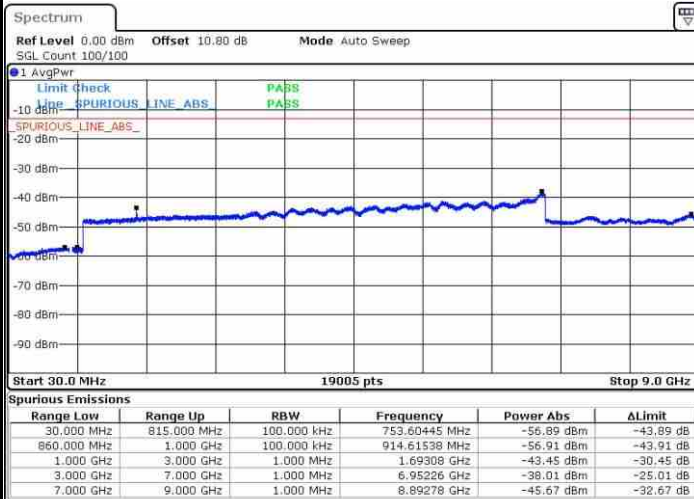
Date: 27.MAR.2018 03:05:04

Middle Channel / 64QAM



Date: 27.MAR.2018 03:06:27

Highest Channel / 64QAM

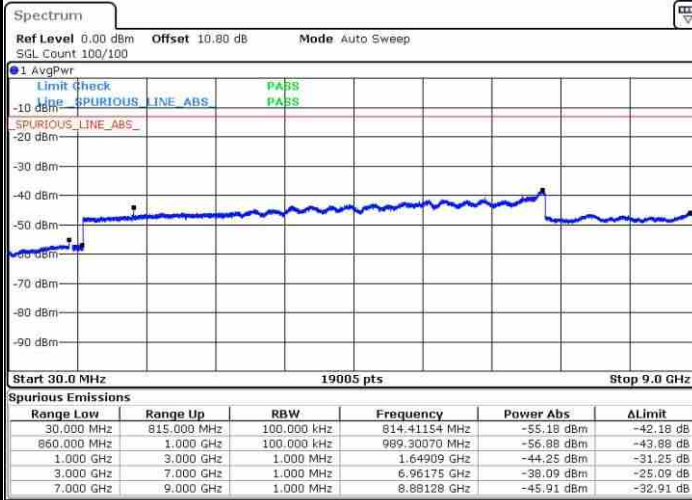


Date: 27.MAR.2018 03:10:08



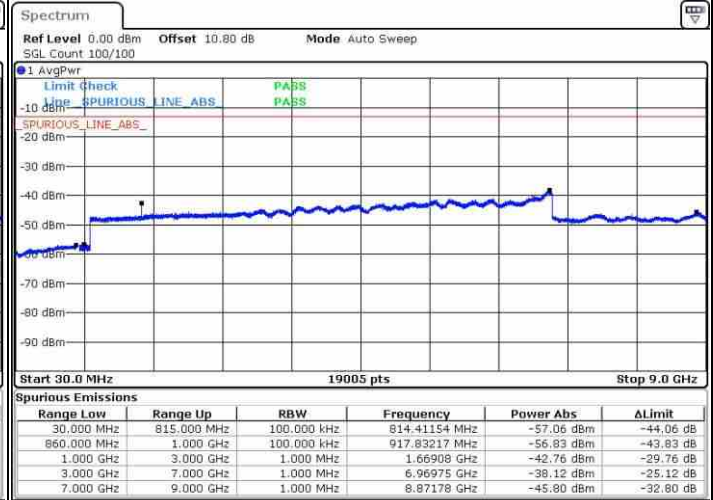
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



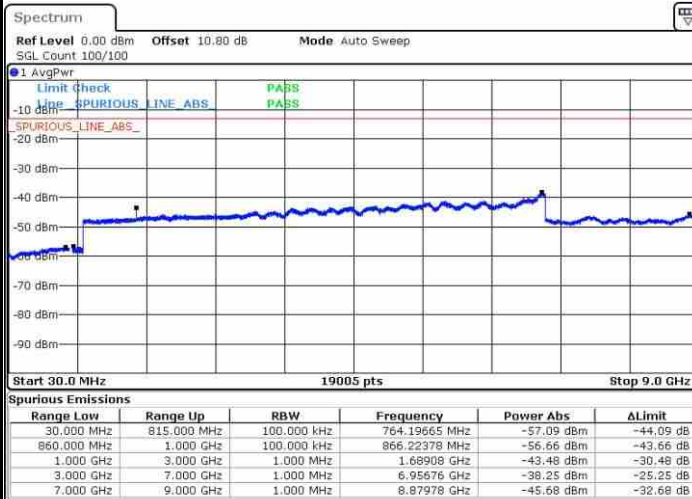
Date: 27.MAR.2018 03:13:50

Middle Channel / 64QAM



Date: 27.MAR.2018 03:15:12

Highest Channel / 64QAM

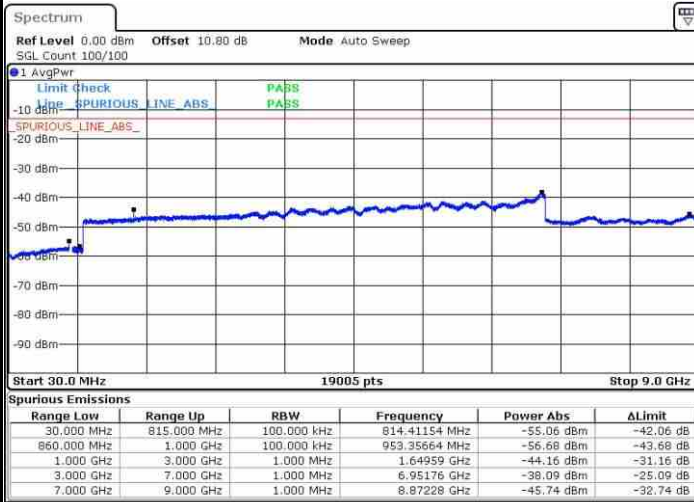


Date: 27.MAR.2018 03:18:54



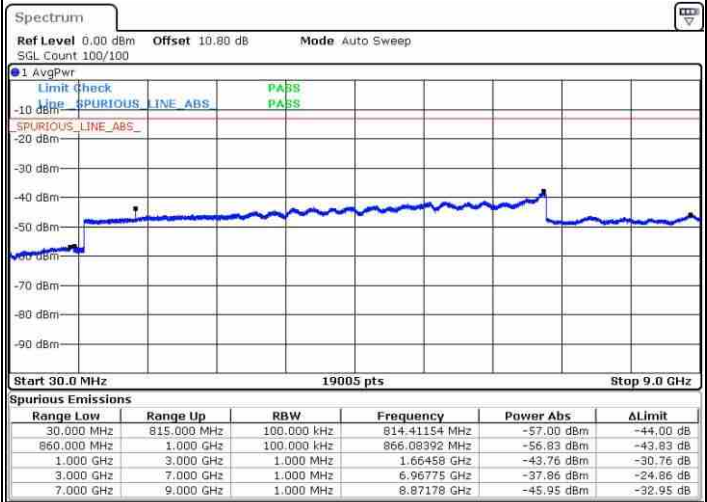
LTE Band 26 / 10MHz

Lowest Channel / 64QAM



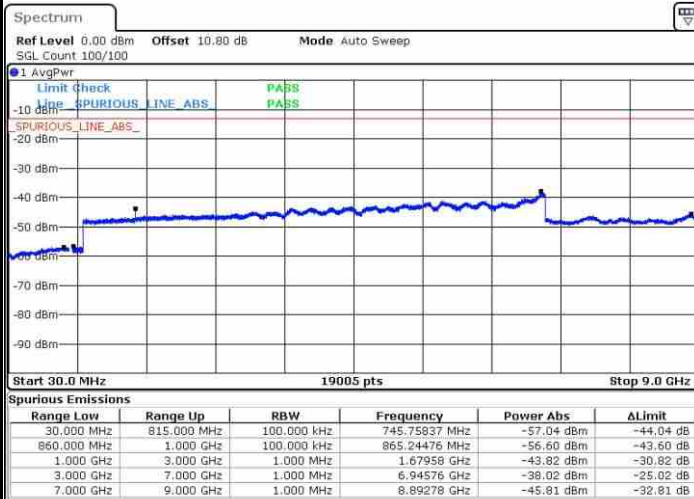
Date: 27.MAR.2018 03:22:35

Middle Channel / 64QAM



Date: 27.MAR.2018 03:23:58

Highest Channel / 64QAM

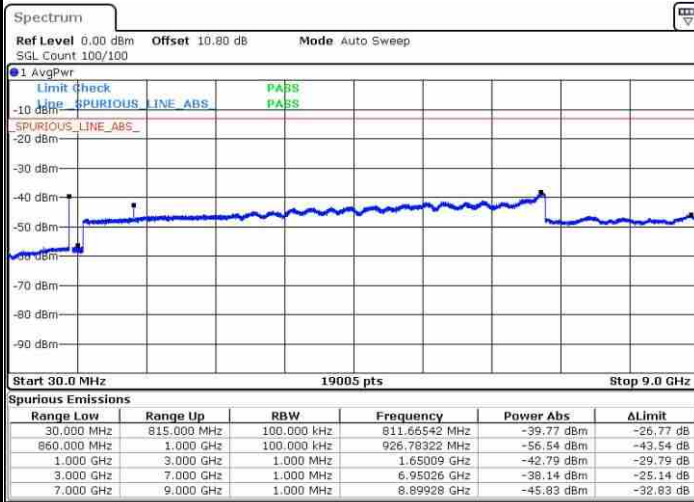


Date: 27.MAR.2018 03:27:39



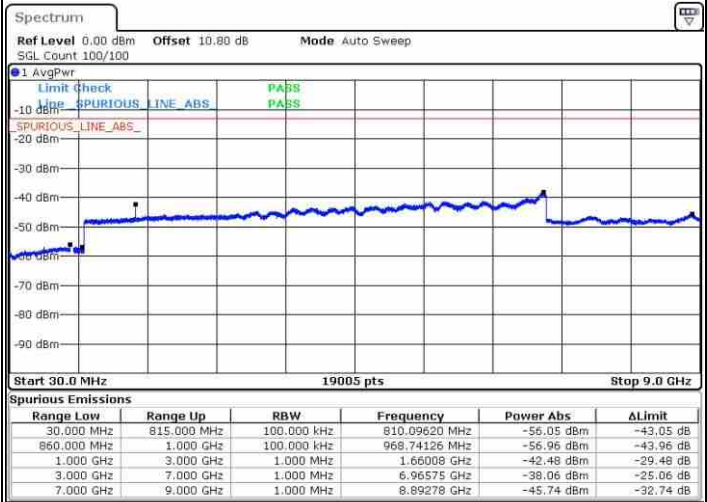
LTE Band 26 / 15MHz

Lowest Channel / 64QAM



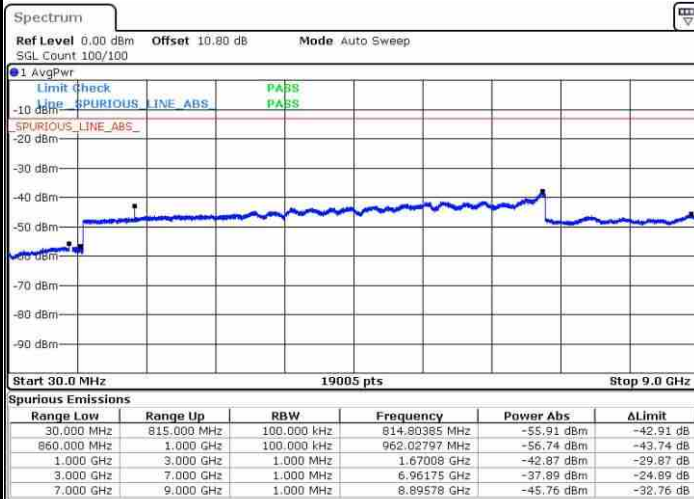
Date: 27.MAR.2018 03:31:27

Middle Channel / 64QAM



Date: 27.MAR.2018 03:32:50

Highest Channel / 64QAM



Date: 27.MAR.2018 03:36:40

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0049	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 30

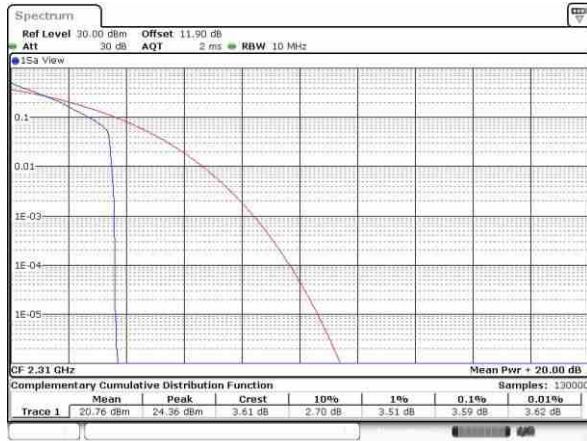
Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.59	4.61	5.25	5.94	
Highest CH	-	-	-	-	
Mode	LTE Band 30 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	6.43	6.38	-	-	
Highest CH	-	-	-	-	

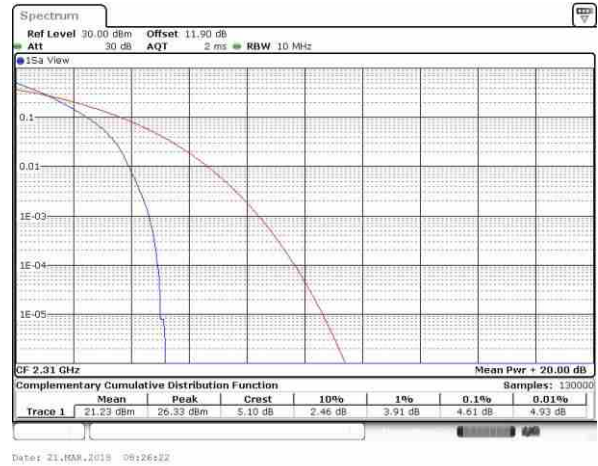


LTE Band 30 / 10MHz / QPSK

Middle Channel / 1RB

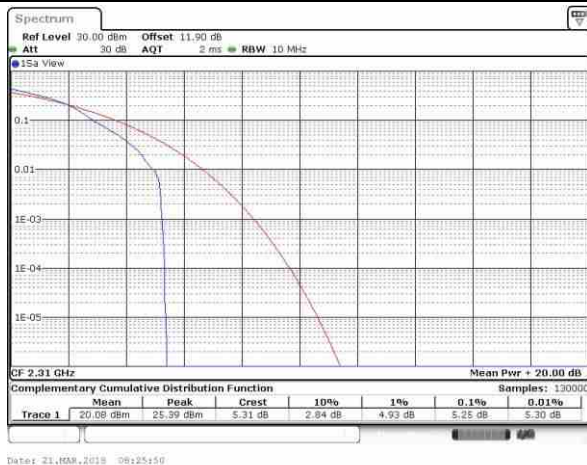


Middle Channel / Full RB

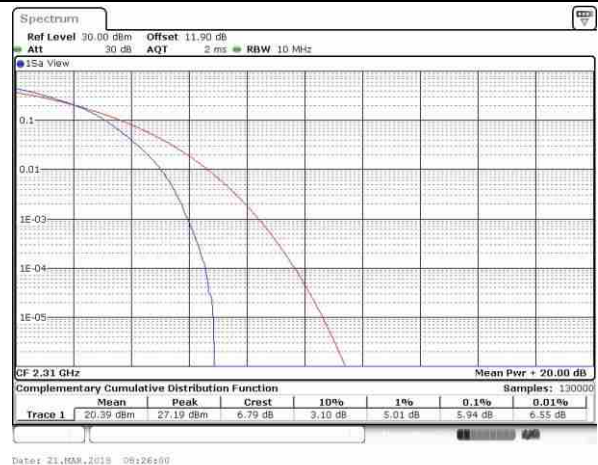


LTE Band 30 / 10MHz / 16QAM

Middle Channel / 1RB



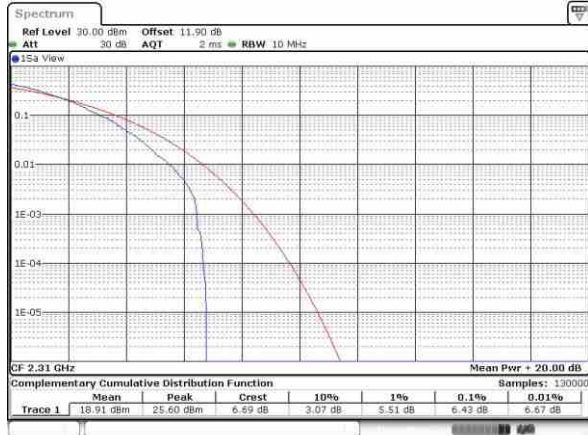
Middle Channel / Full RB



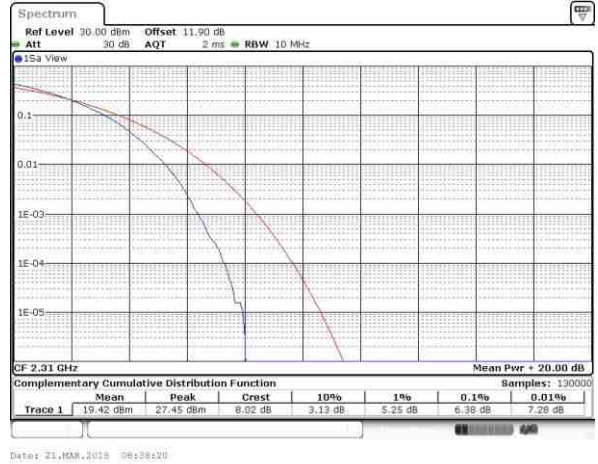


LTE Band 30 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB



**EIRP Power Density**

Mode	LTE Band 30 : Conducted Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	22.74	22.88		-	-	-	-	-
Middle CH	-	-	-	-	23.27	22.31	22.96	22.38	-	-	-	-
Highest CH	-	-	-	-	22.93	22.44		-	-	-	-	-
Mode	LTE Band 30 : Conducted Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	21.98	-	-	-	-	-	-	-
Middle CH	-	-	-	-	21.33	-	21.10	-	-	-	-	-
Highest CH	-	-	-	-	21.37	-	-	-	-	-	-	-

Mode	LTE Band 30 : EIRP Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	20.48	20.62	-	-	-	-	-	-
Middle CH	-	-	-	-	21.01	20.05	20.7	20.12	-	-	-	-
Highest CH	-	-	-	-	20.67	20.18	-	-	-	-	-	-
Antenna Gain	-2.26 dBi											
Limit	250mW / 5MHz = 24dBm / 5MHz											
Result	Pass											
Mode	LTE Band 30 : EIRP Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	19.72	-	-	-	-	-	-	-
Middle CH	-	-	-	-	19.07	-	18.84	-	-	-	-	-
Highest CH	-	-	-	-	19.11	-	-	-	-	-	-	-
Antenna Gain	-2.26 dBi											
Limit	250mW / 5MHz = 24dBm / 5MHz											
Result	Pass											



LTE Band 30 / 5MHz

Lowest Channel / 5MHz / 1RB0 / QPSK



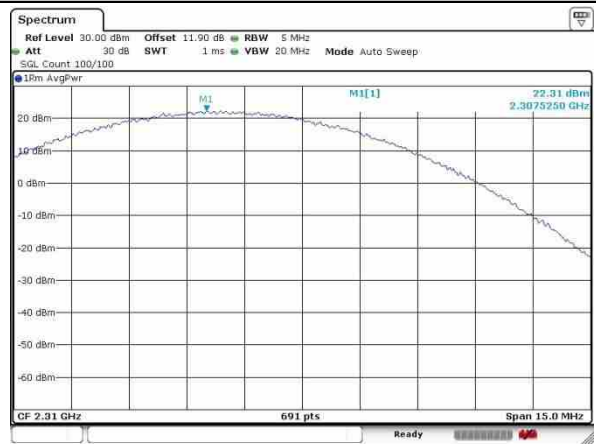
Lowest Channel / 5MHz / 1RB0 / 16QAM



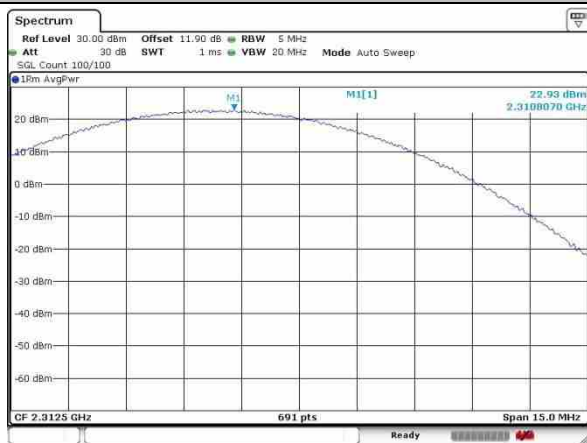
Middle Channel / 5MHz / 1RB0 / QPSK



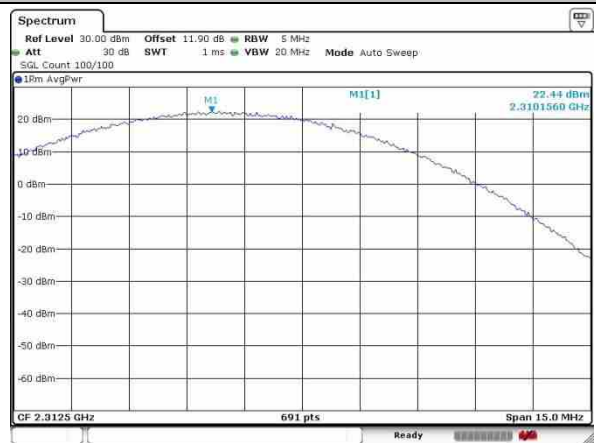
Middle Channel / 5MHz / 1RB0 / 16QAM



Highest Channel / 5MHz / 1RB0 / QPSK



Highest Channel / 5MHz / 1RB0 / 16QAM





LTE Band 30 / 5MHz

Lowest Channel / 5MHz / 1RB0 / 64QAM



Middle Channel / 5MHz / 1RB0 / 64QAM



Highest Channel / 5MHz / 1RB0 / 64QAM





LTE Band 30 / 10MHz

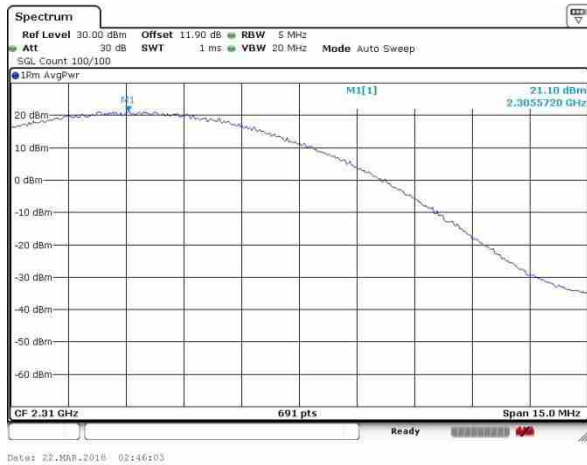
Lowest Channel / 10MHz / 1RB0 / QPSK



Lowest Channel / 10MHz / 1RB0 / 16QAM



Lowest Channel / 10MHz / 1RB0 / 64QAM



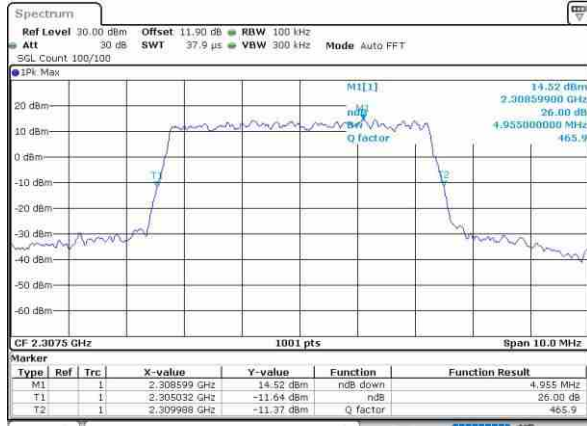
**26dB Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	4.96	4.85	-	-	-	-	-	-
Middle CH	-	-	-	-	4.80	4.89	9.83	9.79	-	-	-	-
Highest CH	-	-	-	-	4.89	4.96	-	-	-	-	-	-
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.87	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.88	-	9.81	-	-	-	-	-
Highest CH	-	-	-	-	4.91	-	-	-	-	-	-	-



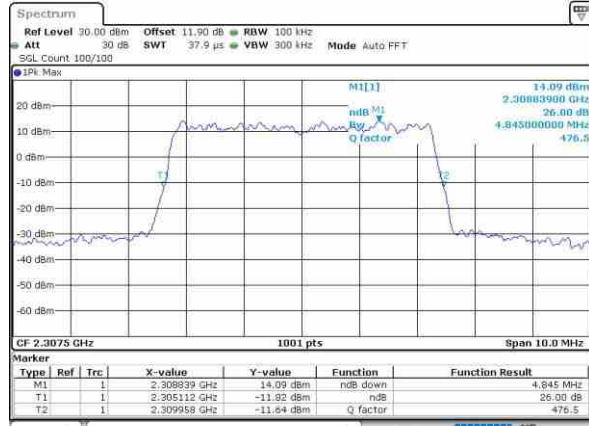
LTE Band 30

Lowest Channel / 5MHz / QPSK



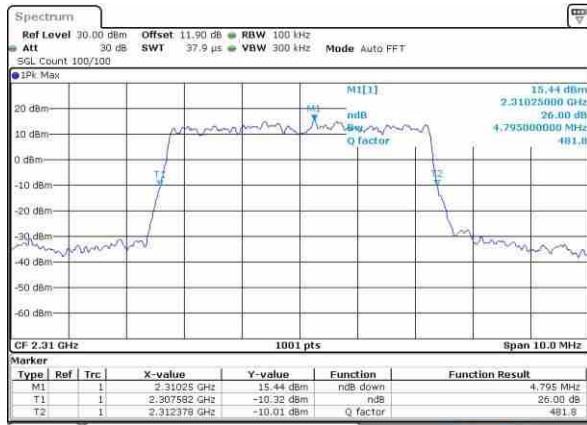
Date: 21, MAR, 2018 08:07:05

Lowest Channel / 5MHz / 16QAM



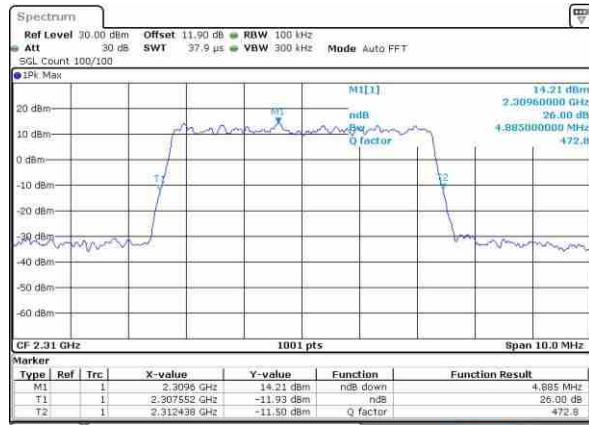
Date: 21, MAR, 2018 08:07:15

Middle Channel / 5MHz / QPSK



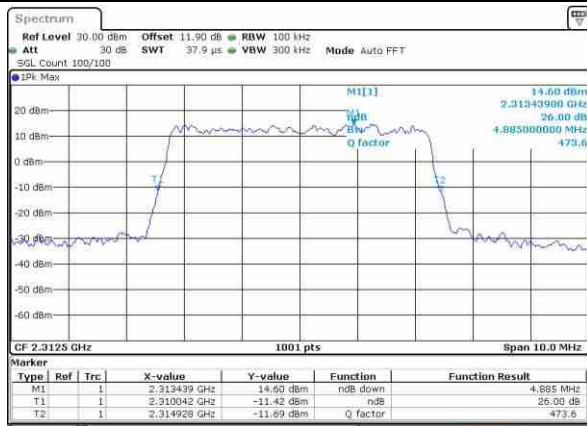
Date: 21, MAR, 2018 08:12:22

Middle Channel / 5MHz / 16QAM



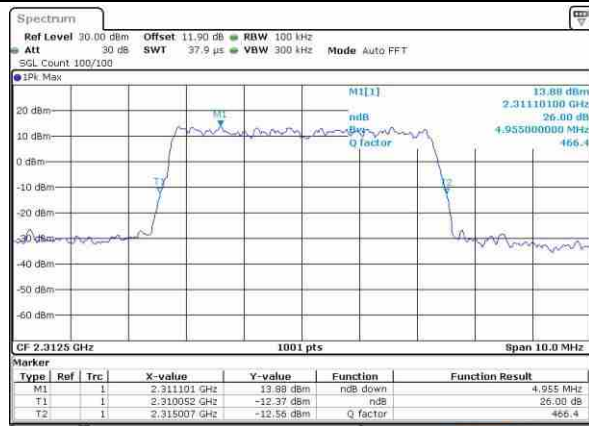
Date: 21, MAR, 2018 08:12:32

Highest Channel / 5MHz / QPSK



Date: 21, MAR, 2018 08:13:04

Highest Channel / 5MHz / 16QAM

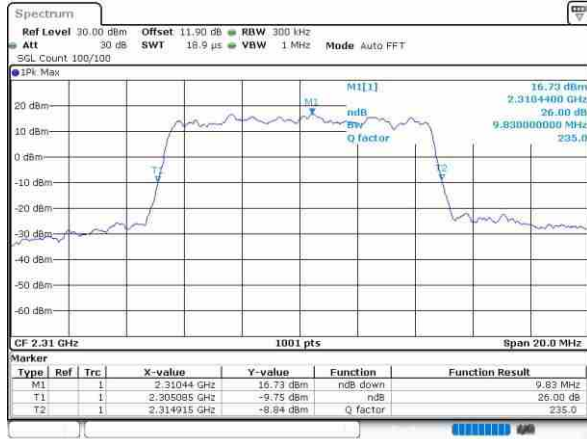


Date: 21, MAR, 2018 08:13:14



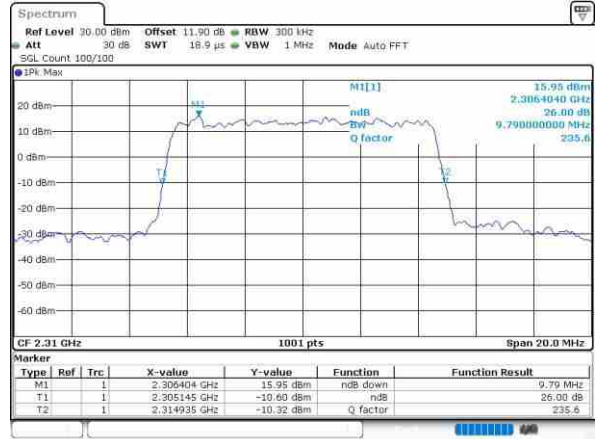
LTE Band 30

Middle Channel / 10MHz / QPSK



Date: 21, MAR, 2018 08:18:22

Middle Channel / 10MHz / 16QAM



Date: 21, MAR, 2018 08:18:32