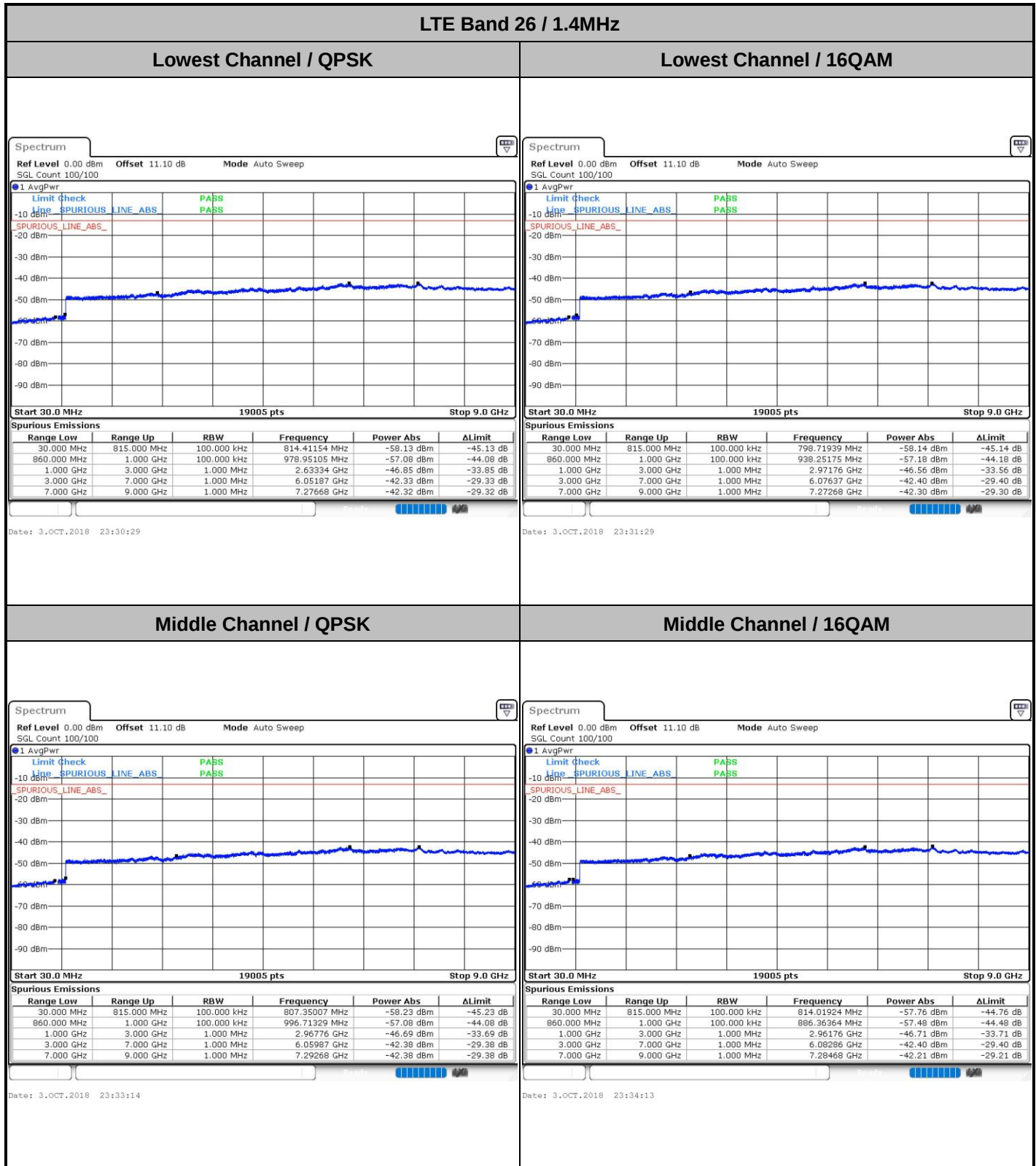




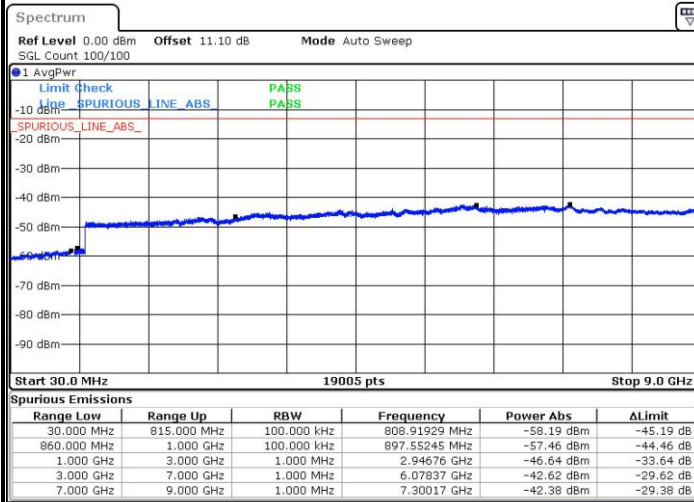
Conducted Spurious Emission





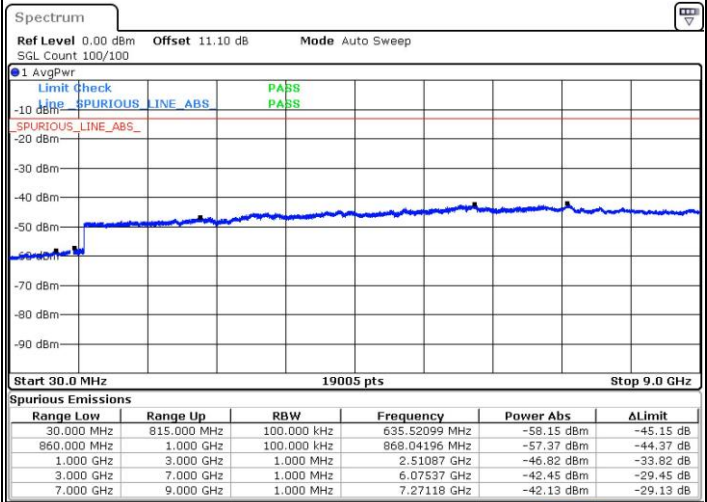
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 3.OCT.2018 23:41:55

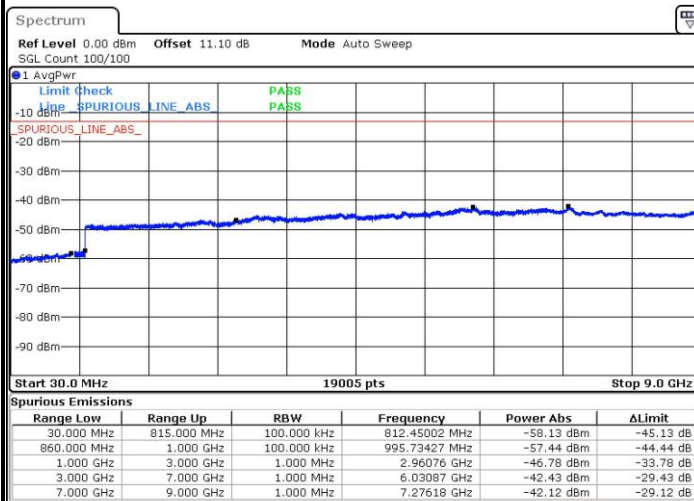
Highest Channel / 16QAM



Date: 3.OCT.2018 23:42:55

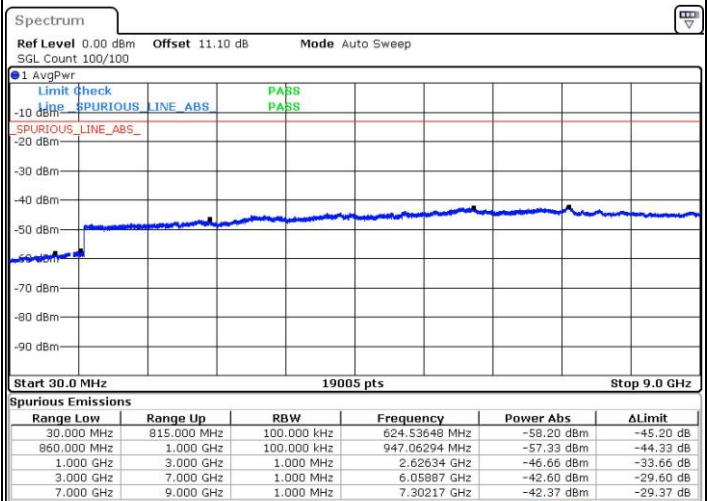
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 4.OCT.2018 01:11:23

Lowest Channel / 16QAM

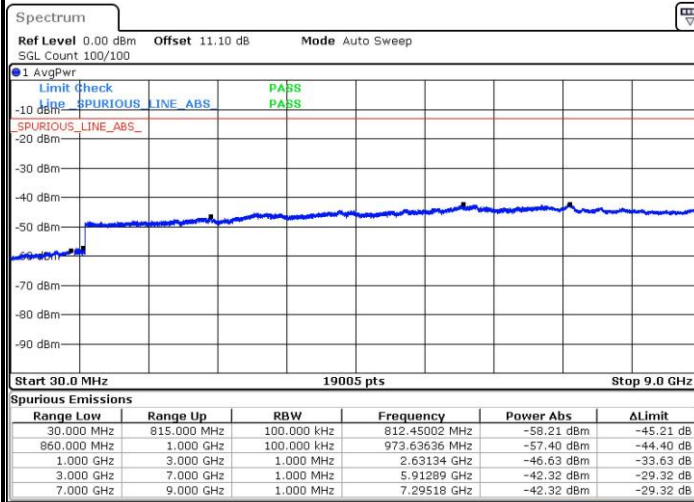


Date: 4.OCT.2018 01:12:23



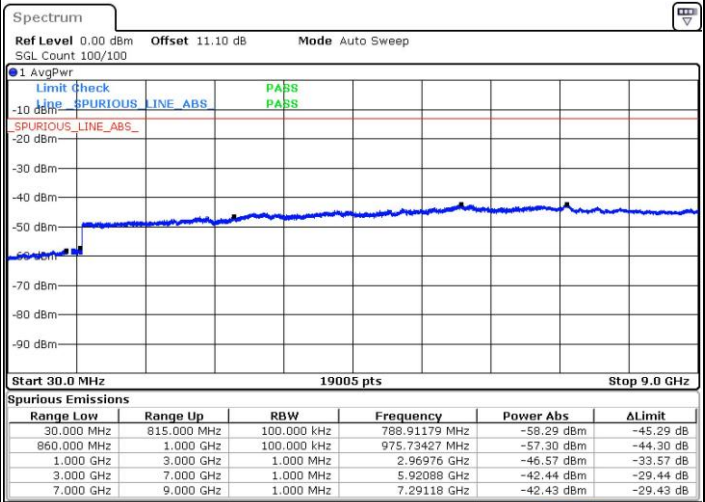
LTE Band 26 / 3MHz

Middle Channel / QPSK



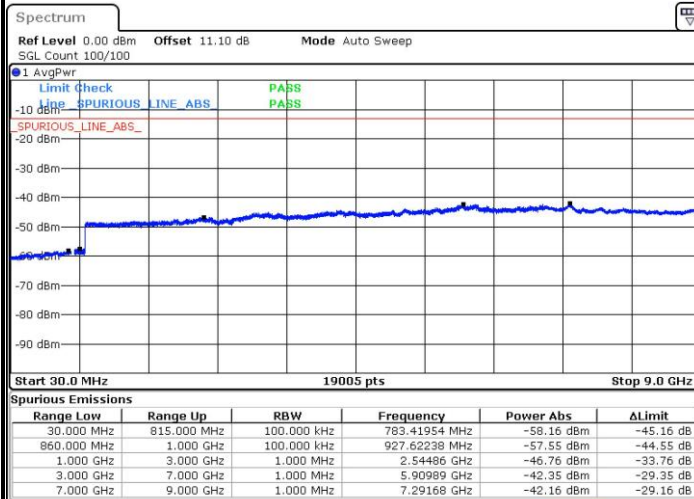
Date: 4.OCT.2018 01:14:07

Middle Channel / 16QAM



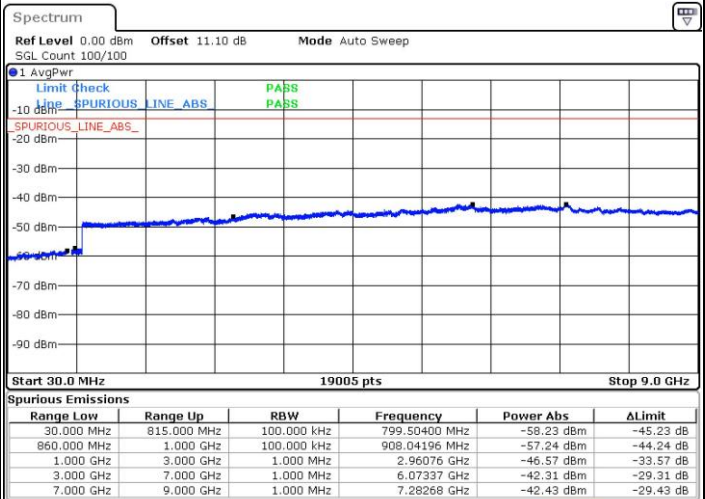
Date: 4.OCT.2018 01:15:07

Highest Channel / QPSK



Date: 4.OCT.2018 01:22:49

Highest Channel / 16QAM

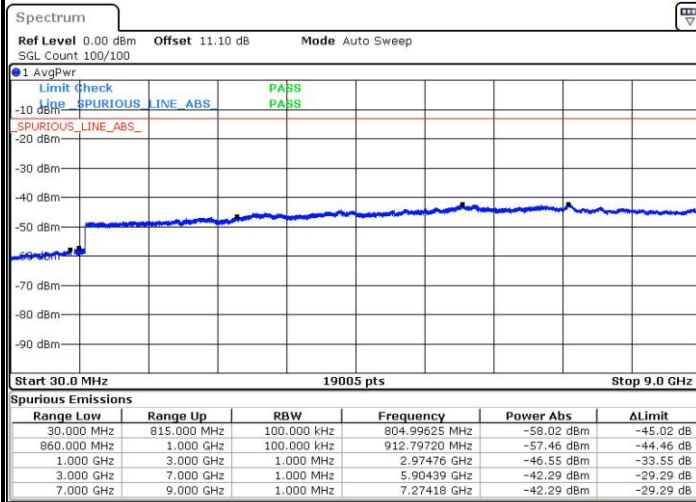


Date: 4.OCT.2018 01:23:48



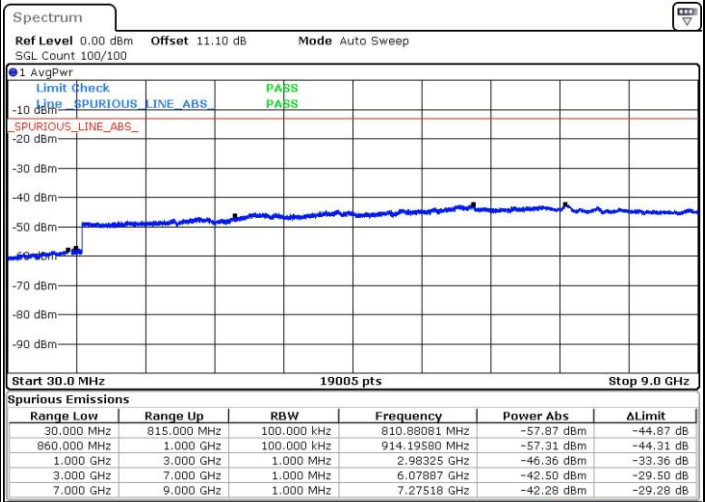
LTE Band 26 / 5MHz

Lowest Channel / QPSK



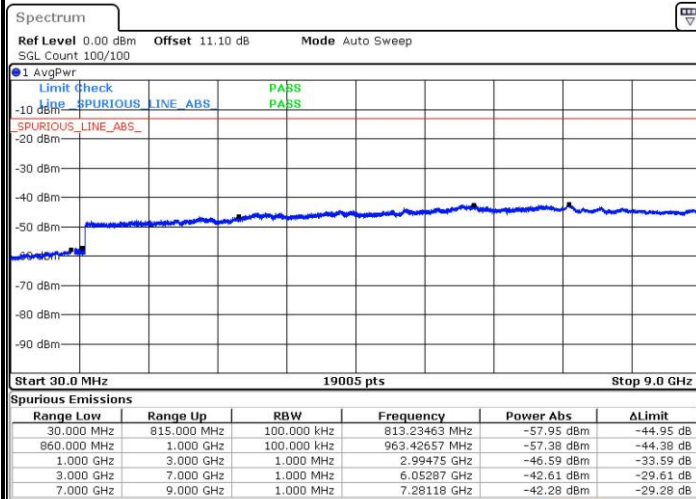
Date: 4.OCT.2018 01:31:30

Lowest Channel / 16QAM



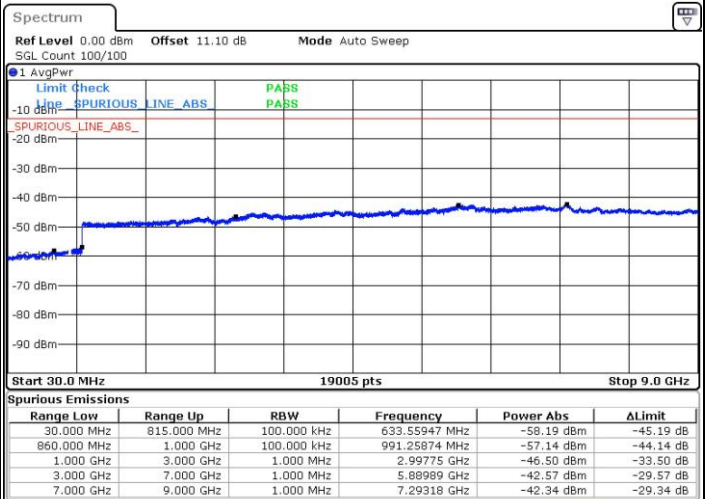
Date: 4.OCT.2018 01:32:29

Middle Channel / QPSK



Date: 4.OCT.2018 01:34:14

Middle Channel / 16QAM

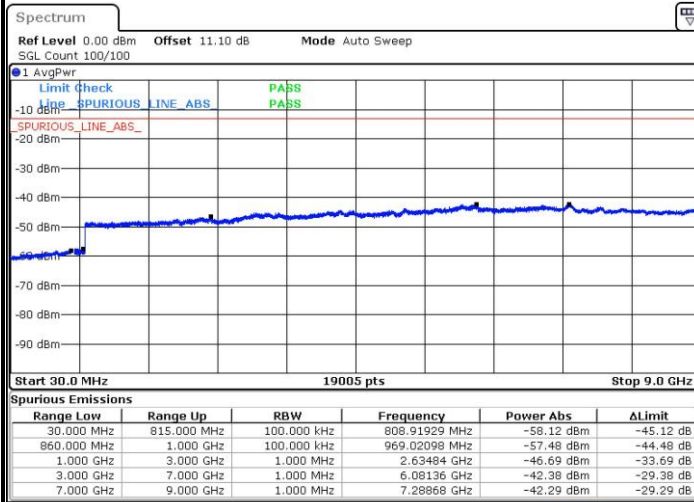


Date: 4.OCT.2018 01:35:14



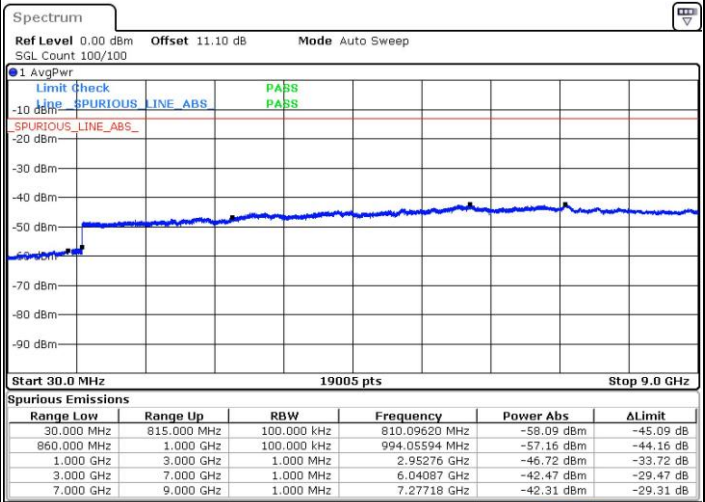
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 4.OCT.2018 01:42:56

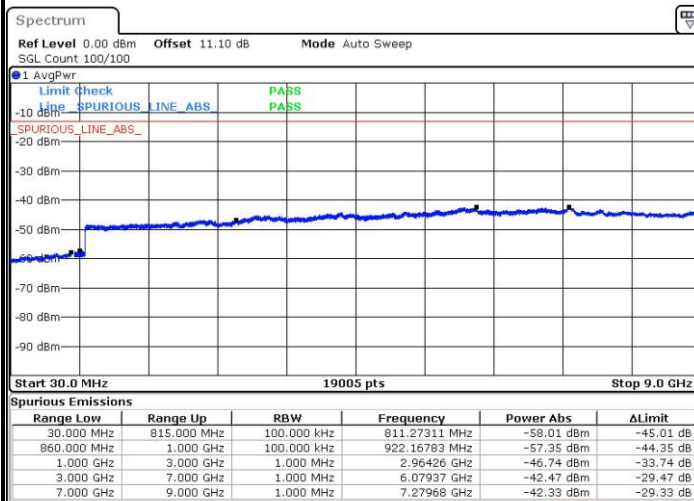
Highest Channel / 16QAM



Date: 4.OCT.2018 01:43:55

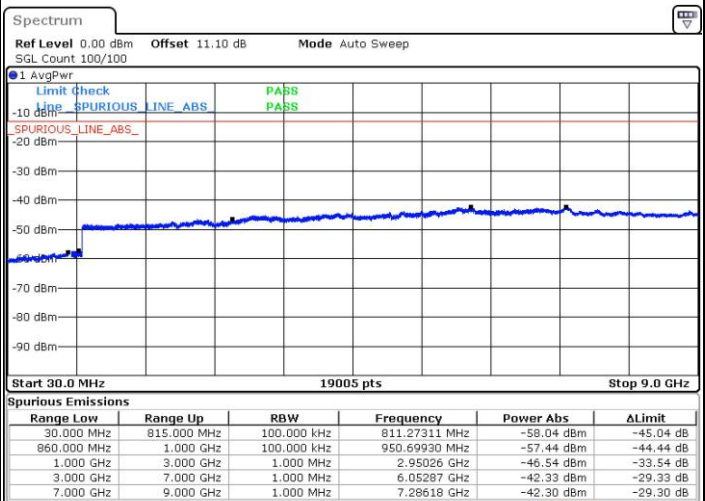
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 4.OCT.2018 01:51:37

Lowest Channel / 16QAM

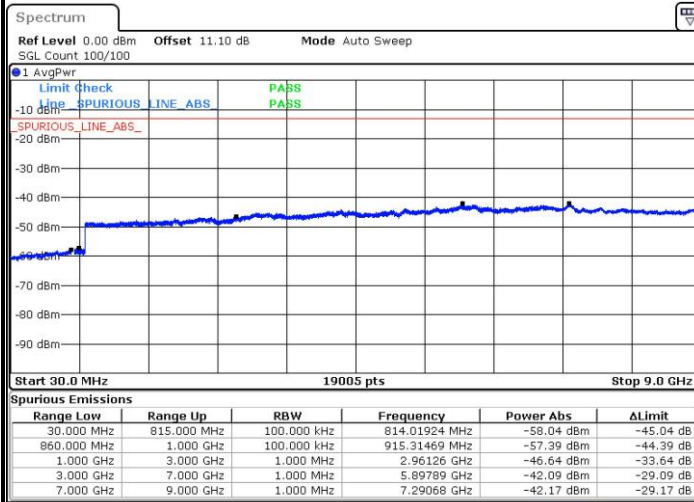


Date: 4.OCT.2018 01:52:37



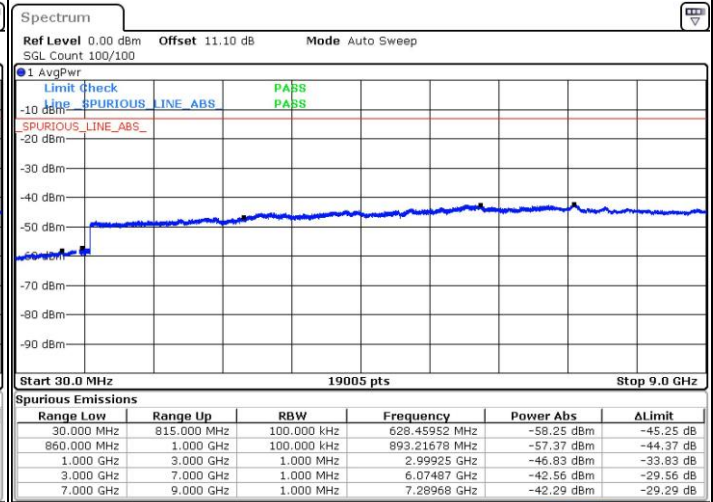
LTE Band 26 / 10MHz

Middle Channel / QPSK



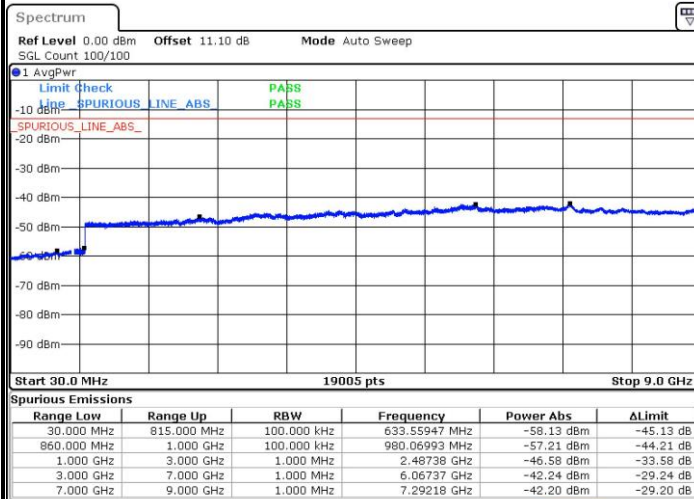
Date: 4.OCT.2018 01:54:22

Middle Channel / 16QAM



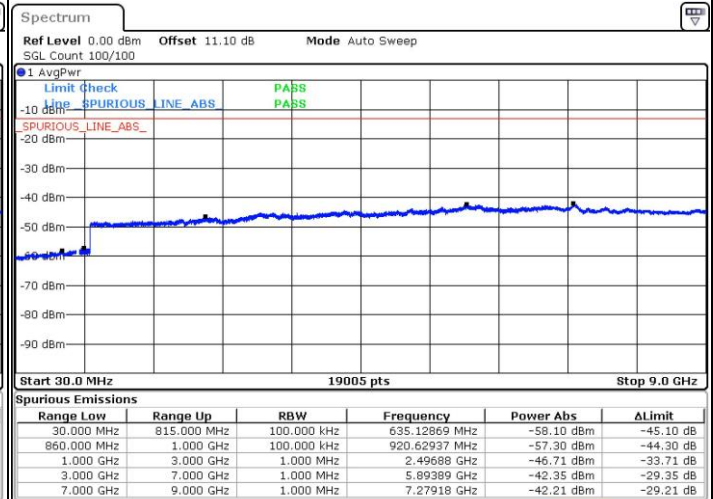
Date: 4.OCT.2018 01:55:21

Highest Channel / QPSK



Date: 4.OCT.2018 02:03:03

Highest Channel / 16QAM

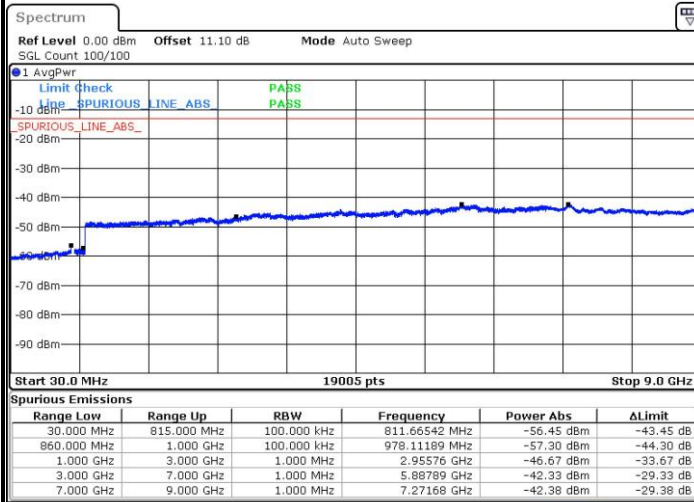


Date: 4.OCT.2018 02:04:02



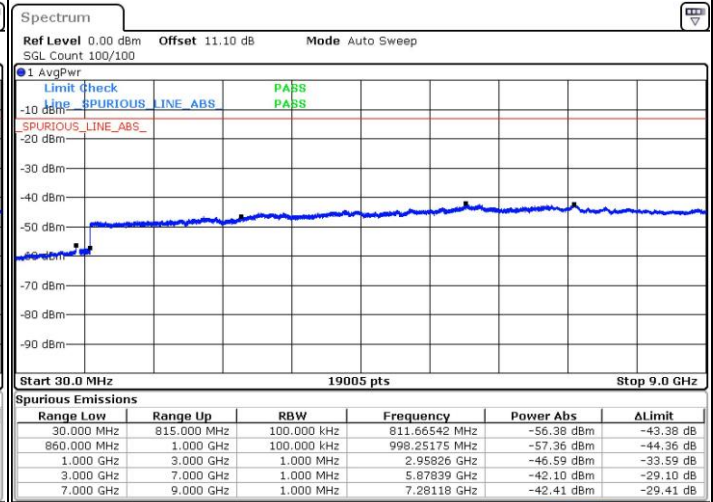
LTE Band 26 / 15MHz

Lowest Channel / QPSK



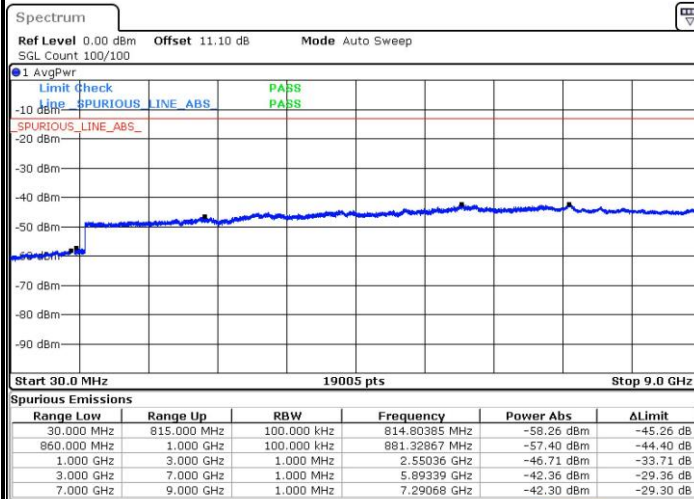
Date: 4.OCT.2018 02:11:45

Lowest Channel / 16QAM



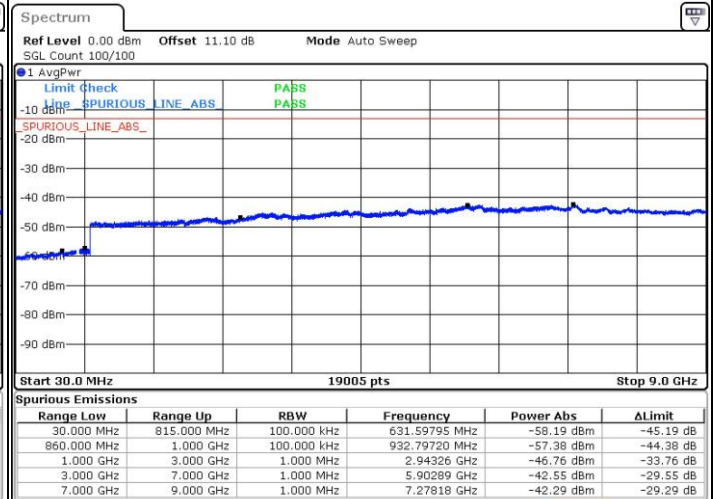
Date: 4.OCT.2018 02:12:44

Middle Channel / QPSK



Date: 4.OCT.2018 02:14:29

Middle Channel / 16QAM

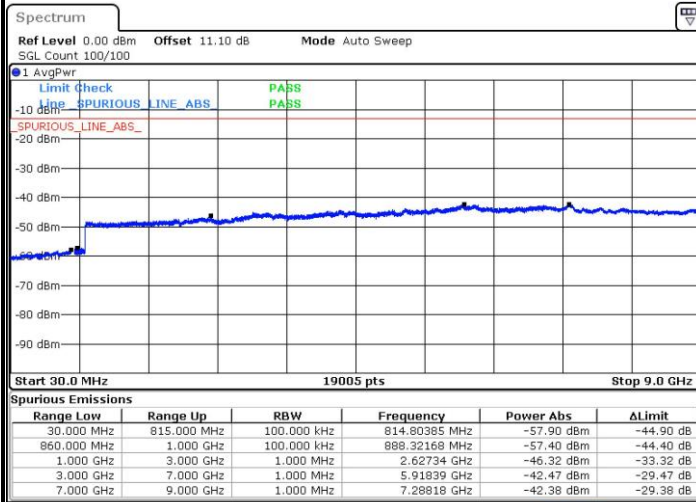


Date: 4.OCT.2018 02:15:29



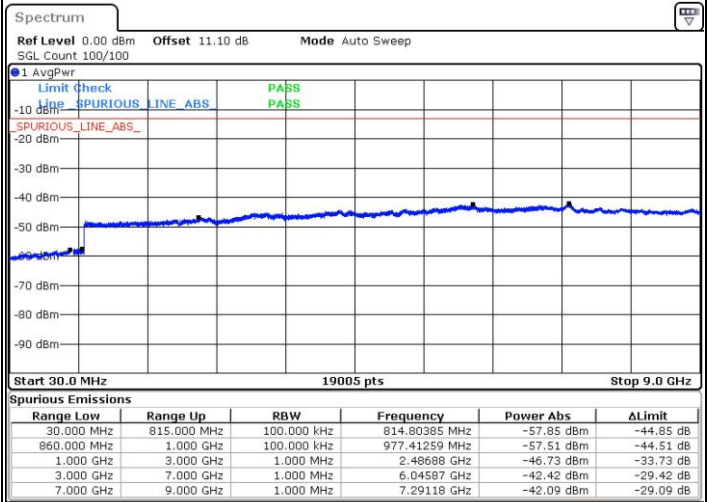
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 4.OCT.2018 02:23:11

Highest Channel / 16QAM

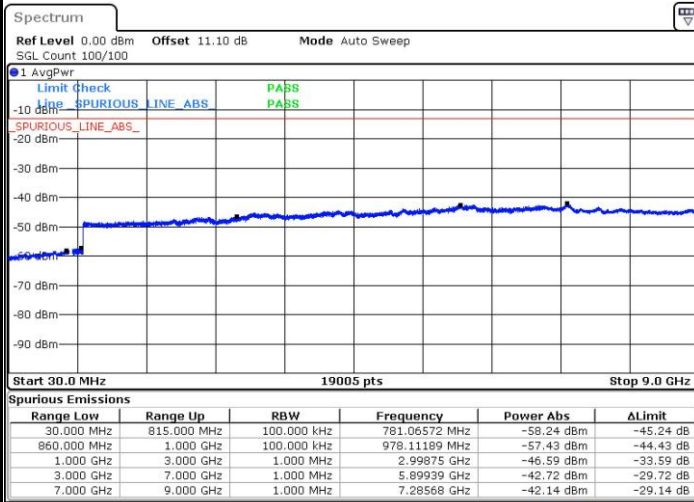


Date: 4.OCT.2018 02:24:11



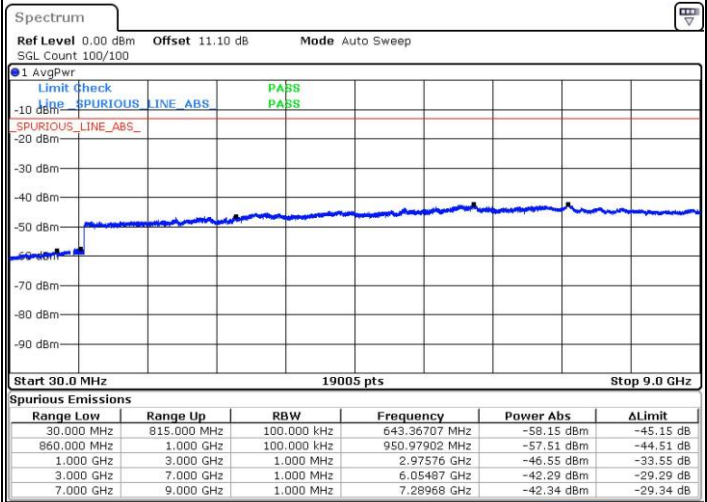
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



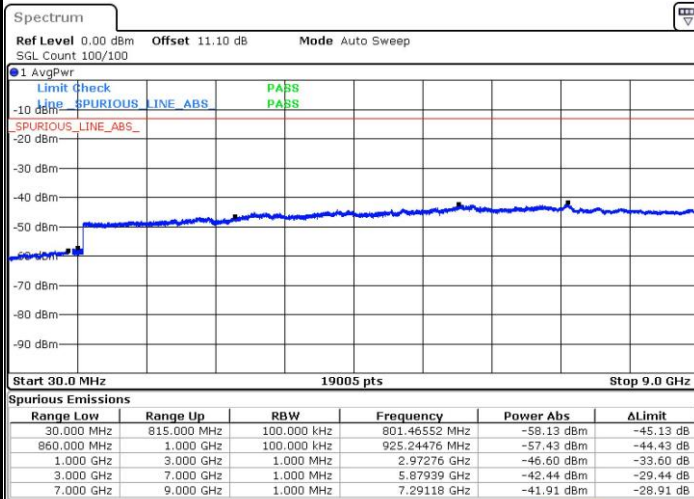
Date: 3.OCT.2018 23:47:15

Middle Channel / 64QAM



Date: 3.OCT.2018 23:48:37

Highest Channel / 64QAM

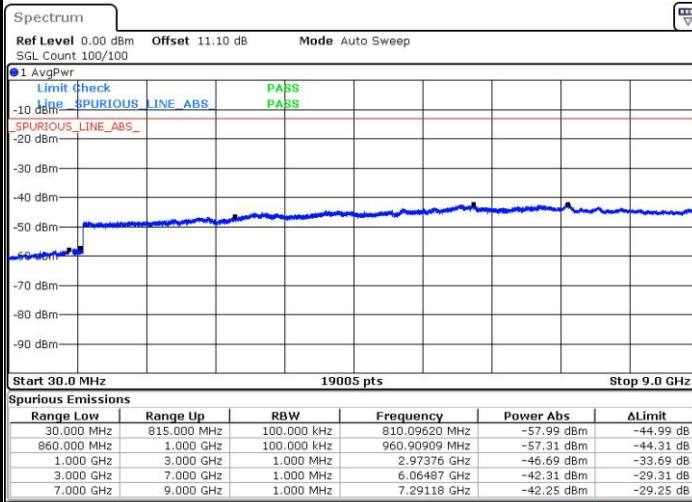


Date: 3.OCT.2018 23:52:58



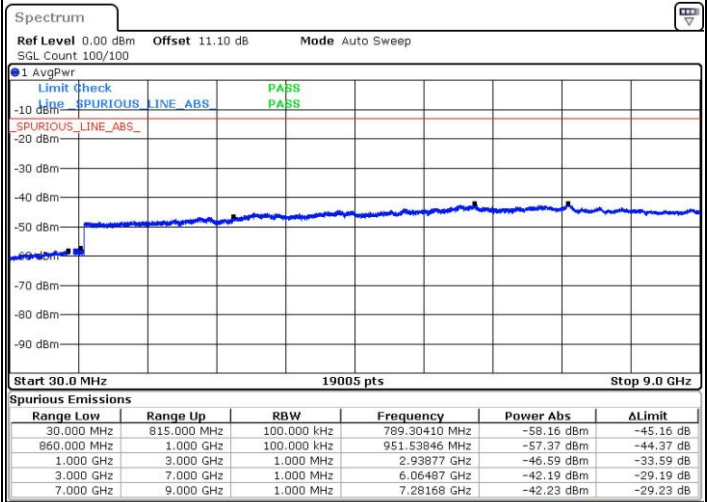
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



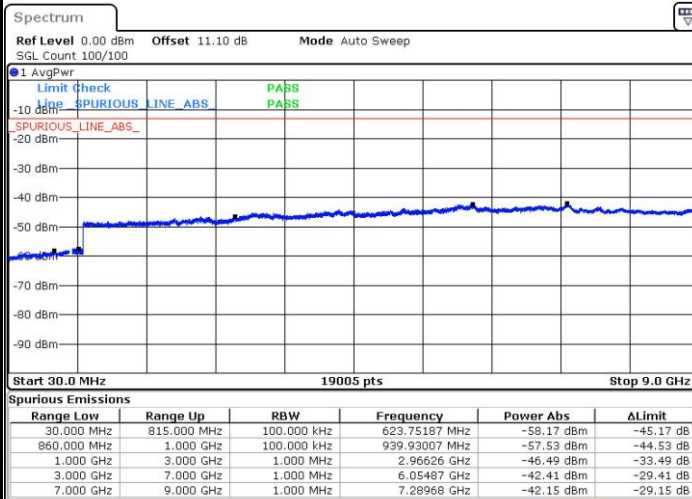
Date: 4.OCT.2018 00:27:47

Middle Channel / 64QAM



Date: 4.OCT.2018 00:29:09

Highest Channel / 64QAM

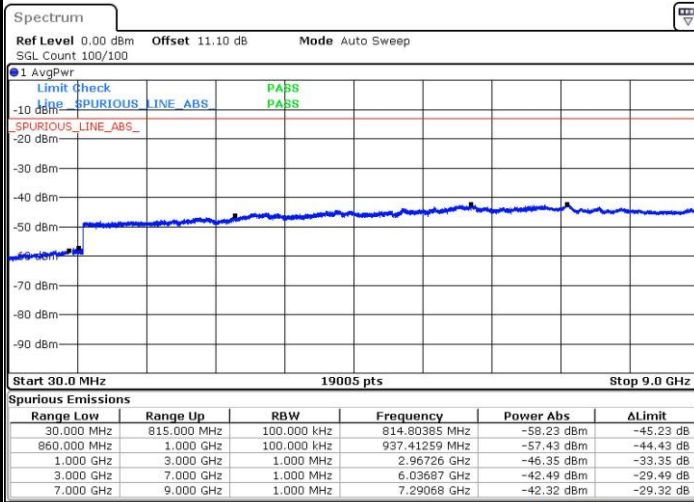


Date: 4.OCT.2018 00:33:30



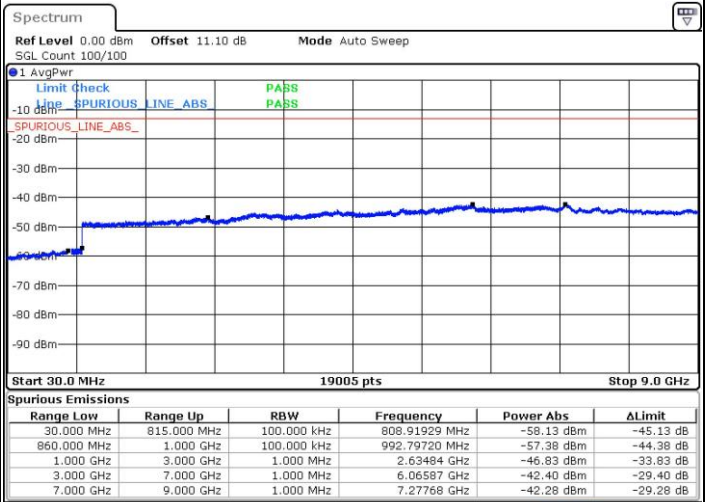
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



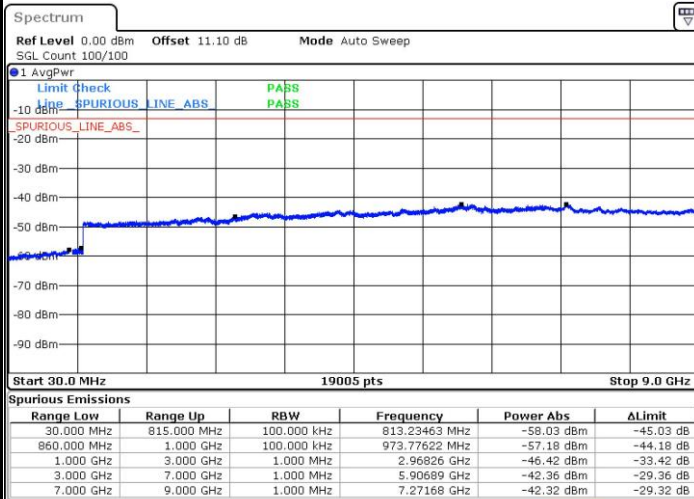
Date: 4.OCT.2018 00:37:51

Middle Channel / 64QAM



Date: 4.OCT.2018 00:39:13

Highest Channel / 64QAM

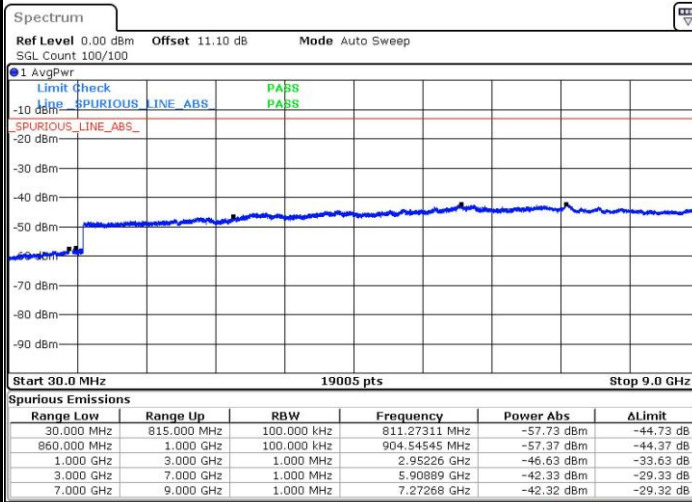


Date: 4.OCT.2018 00:43:34



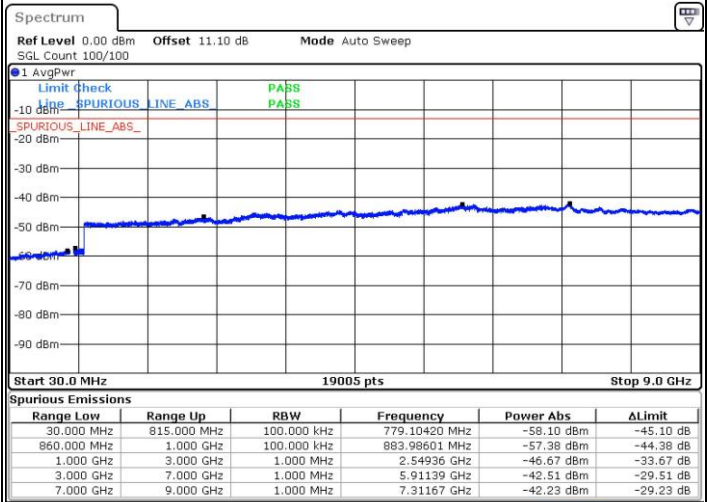
LTE Band 26 / 10MHz

Lowest Channel / 64QAM



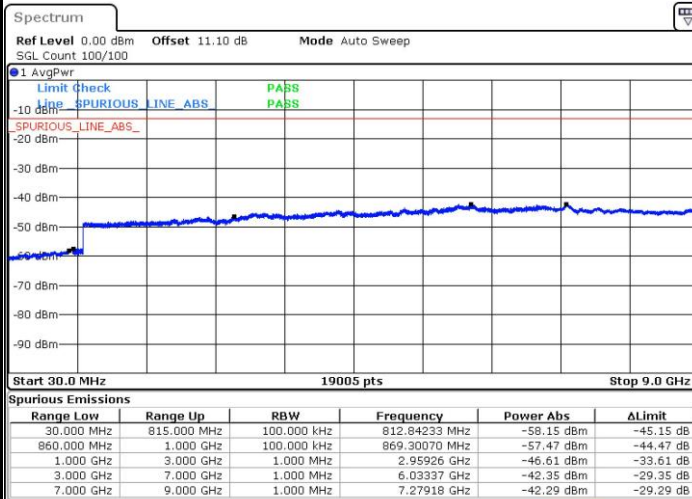
Date: 4.OCT.2018 00:47:54

Middle Channel / 64QAM



Date: 4.OCT.2018 00:49:17

Highest Channel / 64QAM

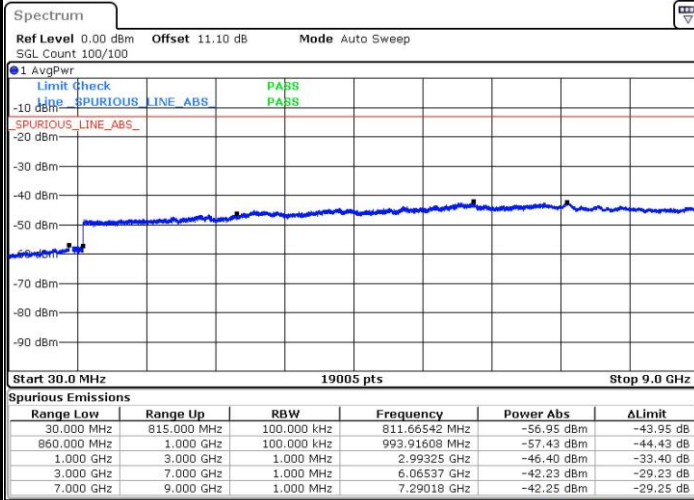


Date: 4.OCT.2018 00:53:37



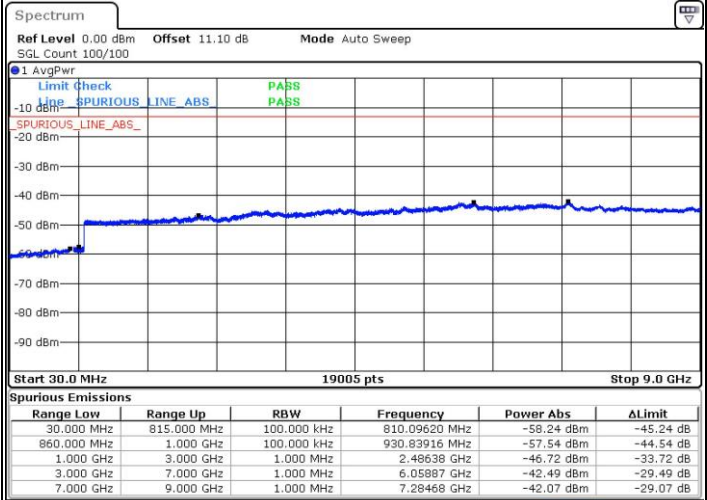
LTE Band 26 / 15MHz

Lowest Channel / 64QAM



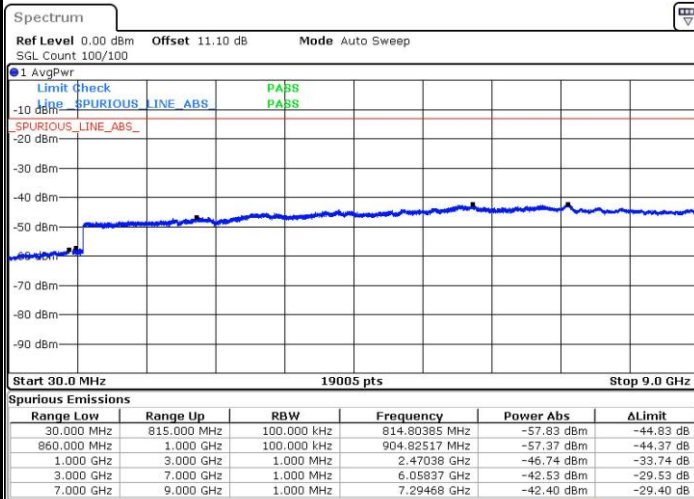
Date: 4.OCT.2018 00:57:58

Middle Channel / 64QAM



Date: 4.OCT.2018 00:59:20

Highest Channel / 64QAM



Date: 4.OCT.2018 01:03:41

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	0.0059	PASS
40	Normal Voltage	0.0063	
30	Normal Voltage	0.0103	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0096	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0153	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.40 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

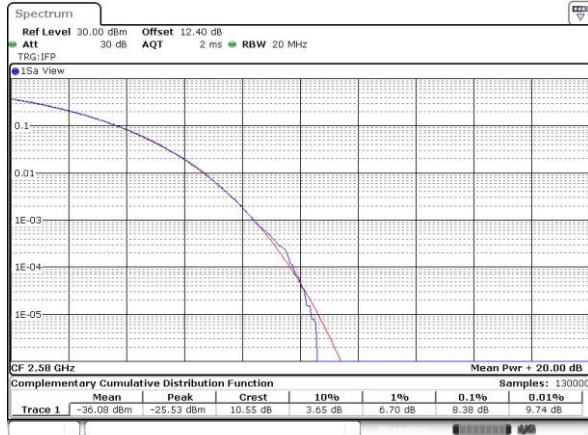
LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	8.38	7.62	9.54	8.41	PASS
Middle CH	4.23	5.16	9.62	7.88	
Highest CH	5.13	9.57	6.84	9.01	
Mode	LTE Band 38 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	7.45	8.46	-	-	PASS
Middle CH	7.77	8.67	-	-	
Highest CH	7.13	8.26	-	-	

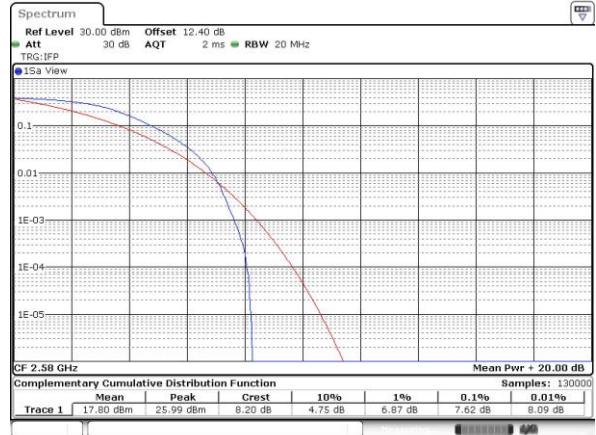
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



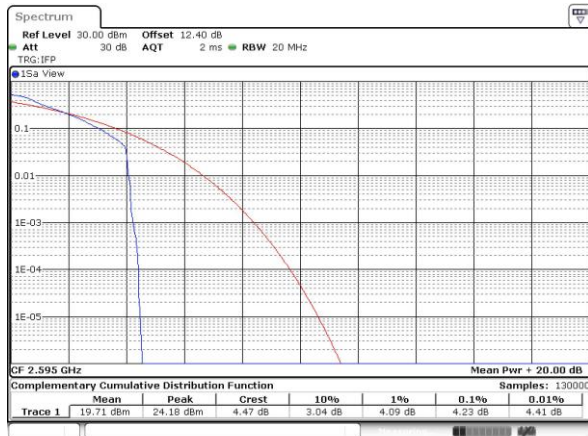
Date: 3.OCT.2018 07:07:00

Lowest Channel / Full RB



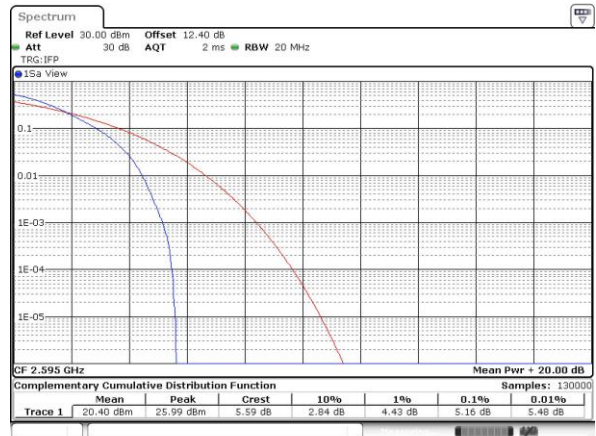
Date: 3.OCT.2018 07:07:21

Middle Channel / 1RB



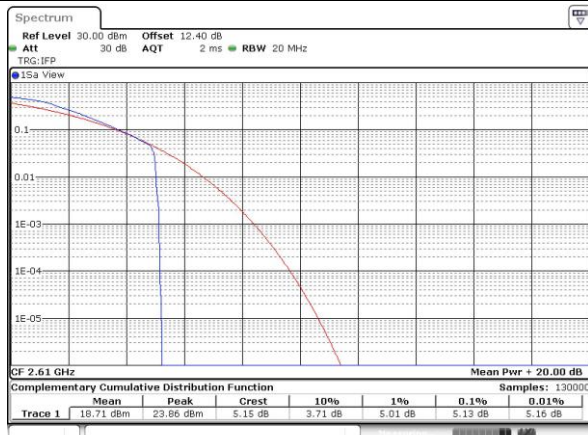
Date: 3.OCT.2018 07:07:37

Middle Channel / Full RB



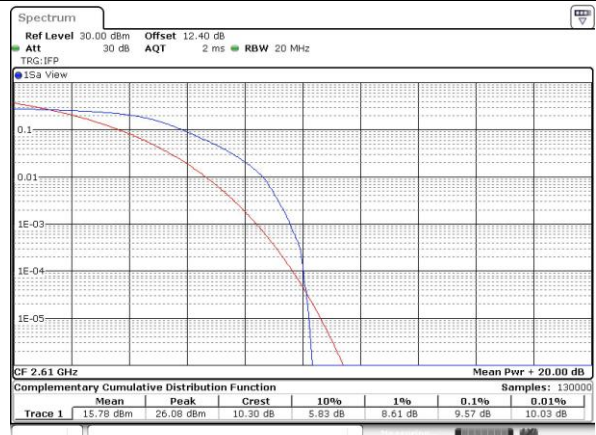
Date: 3.OCT.2018 07:07:57

Highest Channel / 1RB



Date: 3.OCT.2018 07:08:14

Highest Channel / Full RB

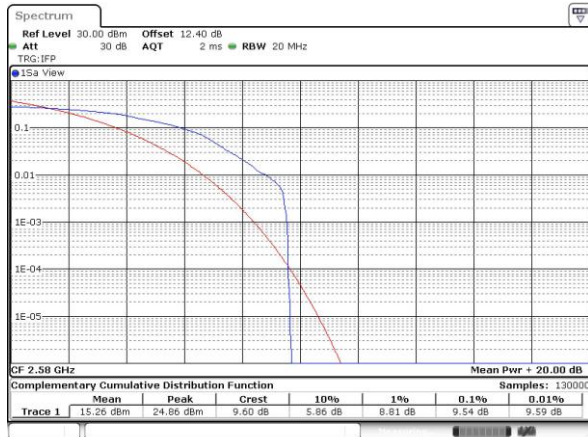


Date: 3.OCT.2018 07:08:32

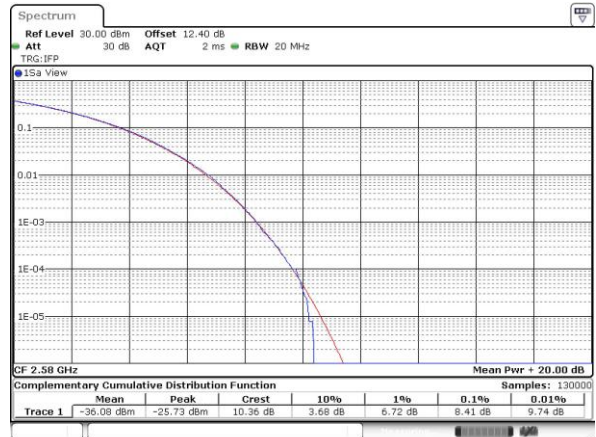


LTE Band 38 / 20MHz / 16QAM

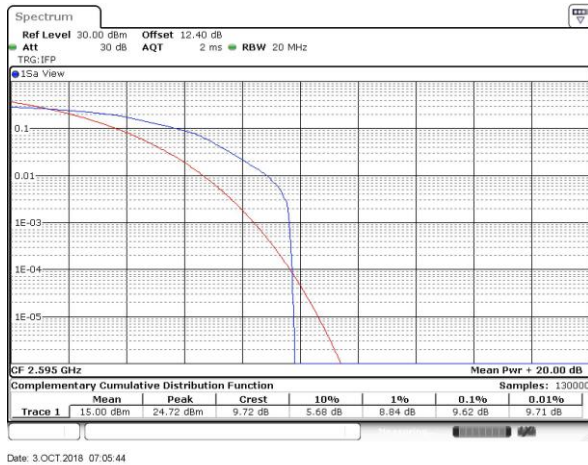
Lowest Channel / 1RB



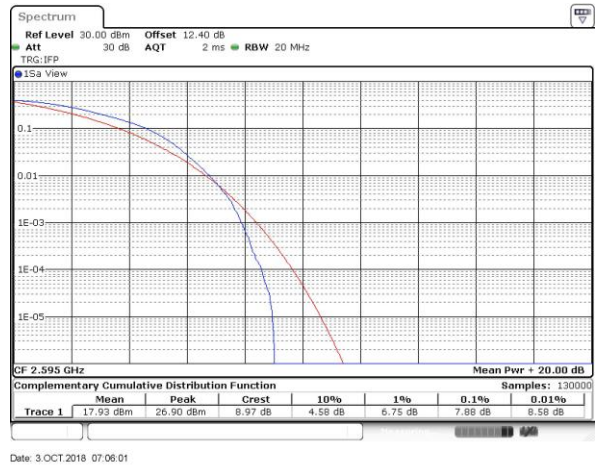
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



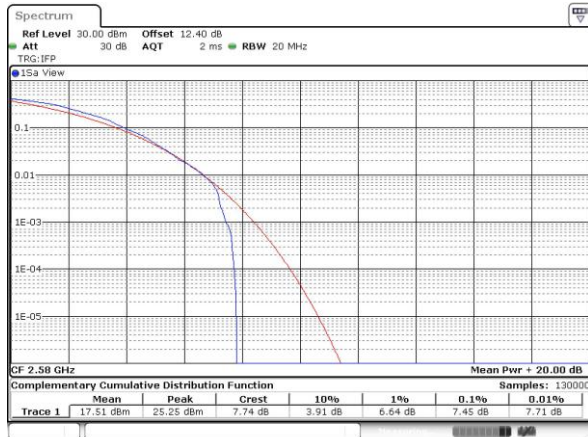
Highest Channel / Full RB



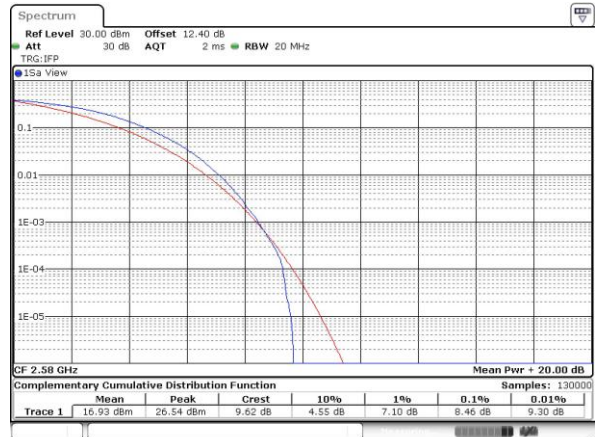


LTE Band 38 / 20MHz / 64QAM

Lowest Channel / 1RB



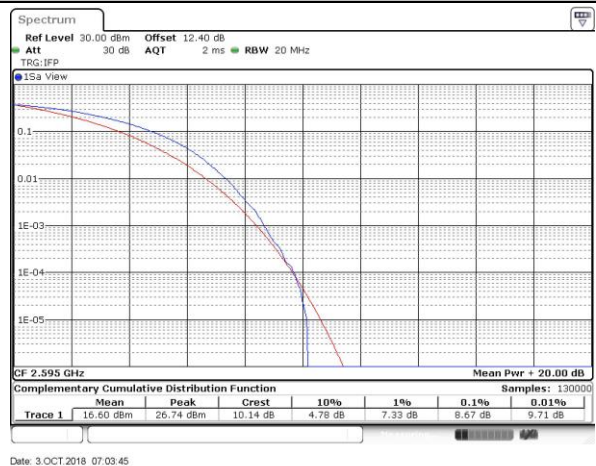
Lowest Channel / Full RB



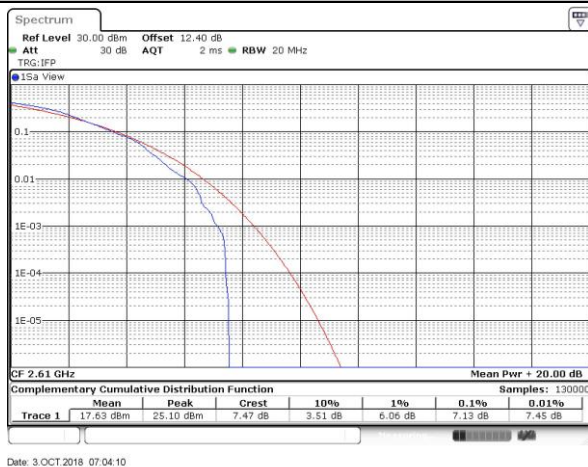
Middle Channel / 1RB



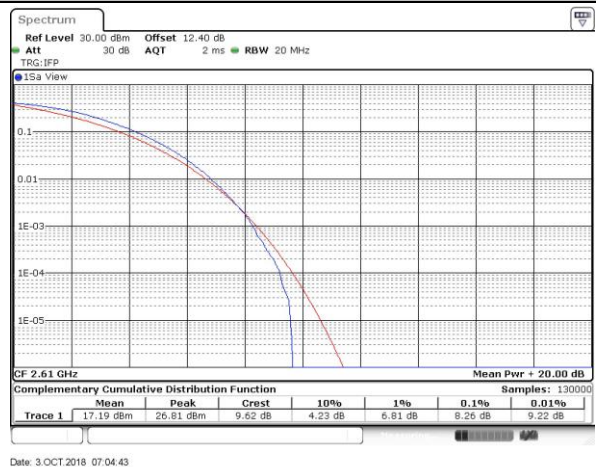
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



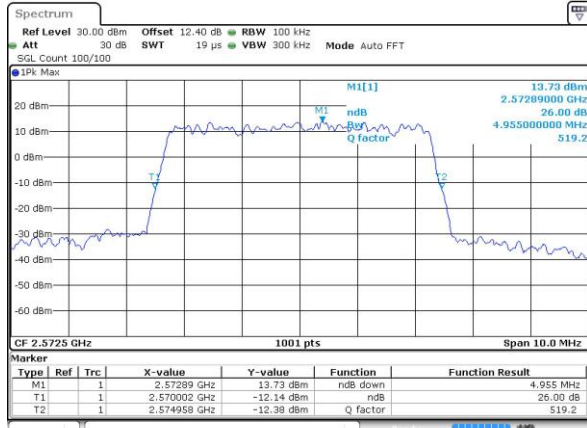
**26dB Bandwidth**

Mode	LTE Band 38 : 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	4.90	9.67	9.73	14.12	14.27	20.14	20.14
Middle CH	-	-	-	-	4.88	4.85	9.69	9.69	14.15	14.42	20.22	20.02
Highest CH	-	-	-	-	4.92	4.81	9.75	9.75	14.21	14.33	20.22	20.10
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.77	-	9.75	-	14.30	-	20.02	-
Middle CH	-	-	-	-	4.82	-	9.79	-	14.24	-	20.14	-
Highest CH	-	-	-	-	4.93	-	9.91	-	14.21	-	20.14	-



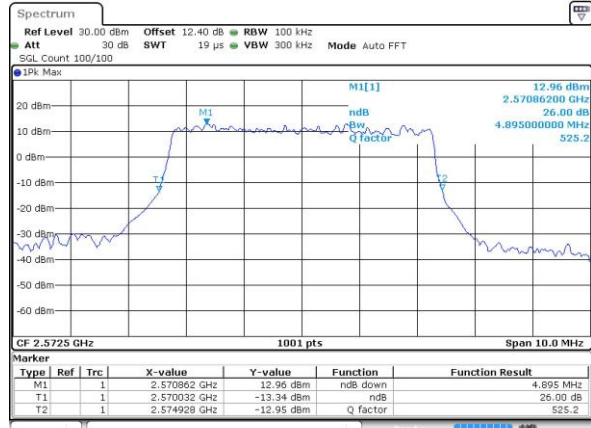
LTE Band 38

Lowest Channel / 5MHz / QPSK



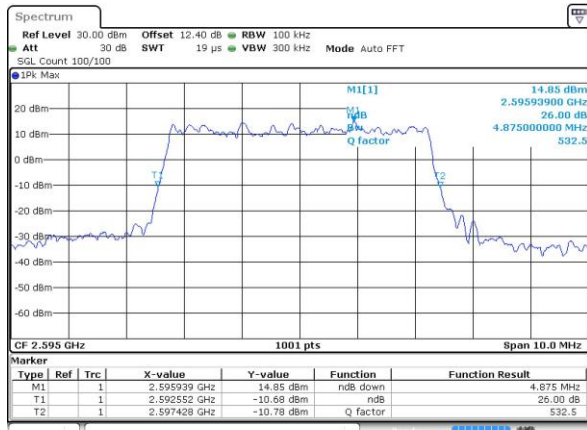
Date: 3.OCT.2018 06:49:08

Lowest Channel / 5MHz / 16QAM



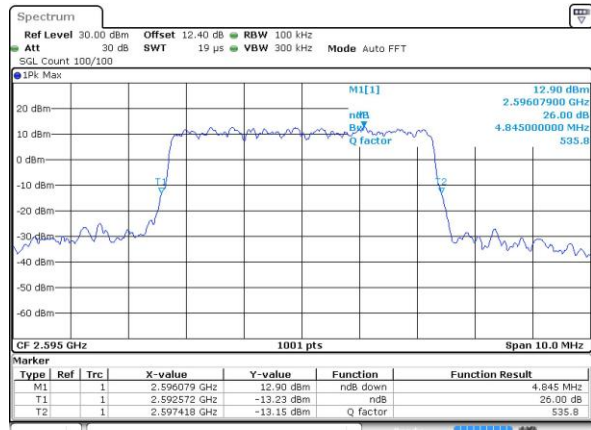
Date: 3.OCT.2018 06:49:20

Middle Channel / 5MHz / QPSK



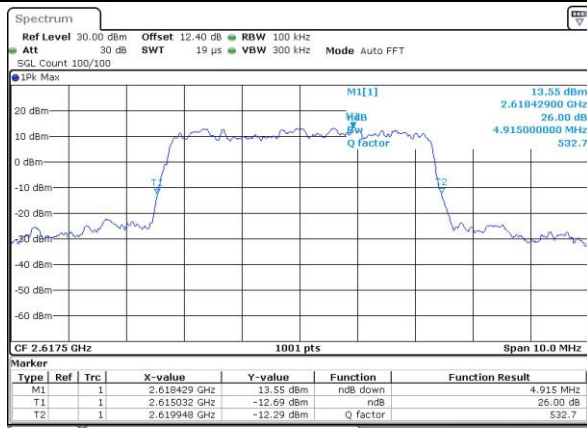
Date: 3.OCT.2018 06:49:54

Middle Channel / 5MHz / 16QAM



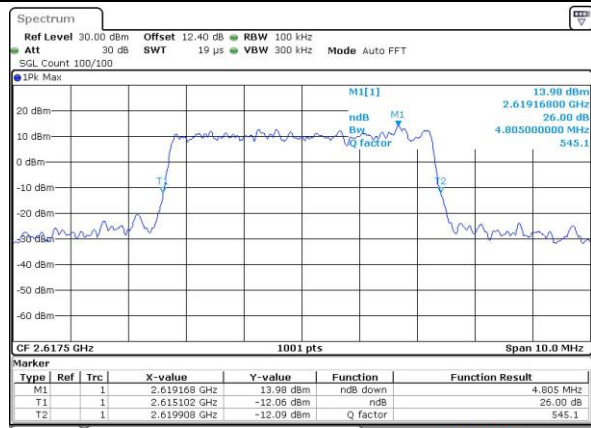
Date: 3.OCT.2018 06:50:05

Highest Channel / 5MHz / QPSK



Date: 3.OCT.2018 06:50:40

Highest Channel / 5MHz / 16QAM

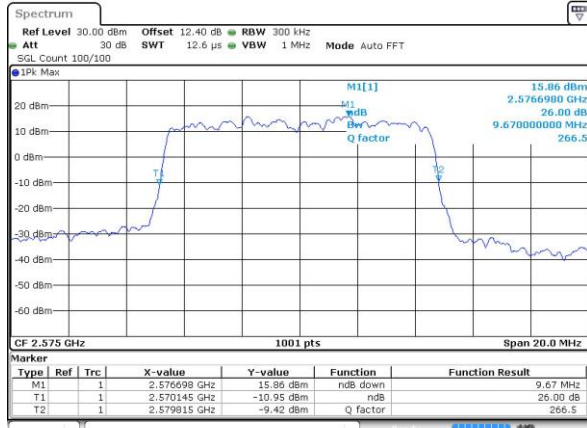


Date: 3.OCT.2018 06:50:51

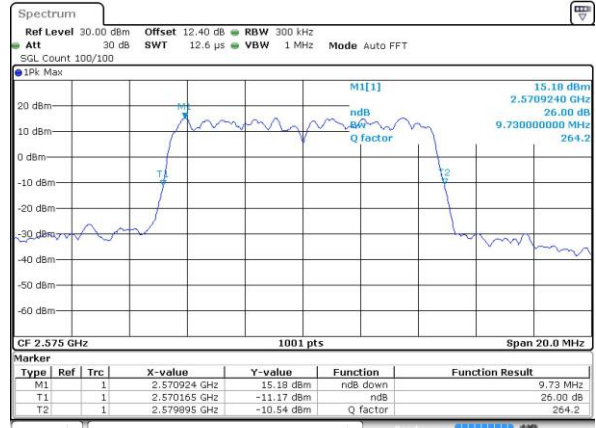


LTE Band 38

Lowest Channel / 10MHz / QPSK



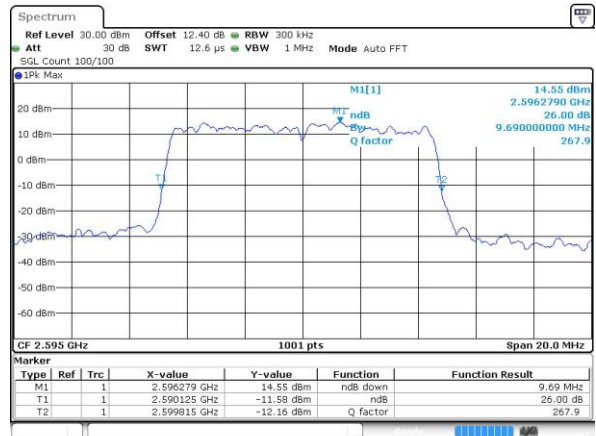
Lowest Channel / 10MHz / 16QAM



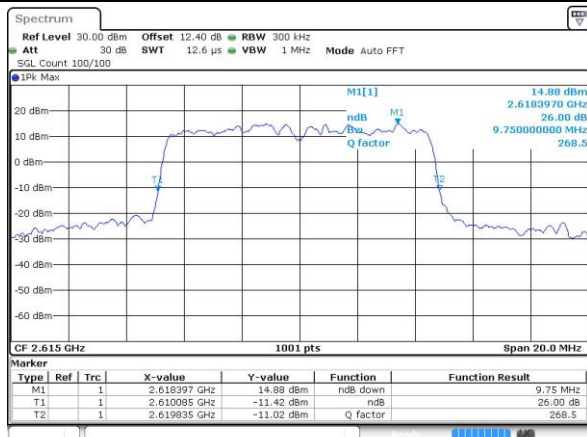
Middle Channel / 10MHz / QPSK



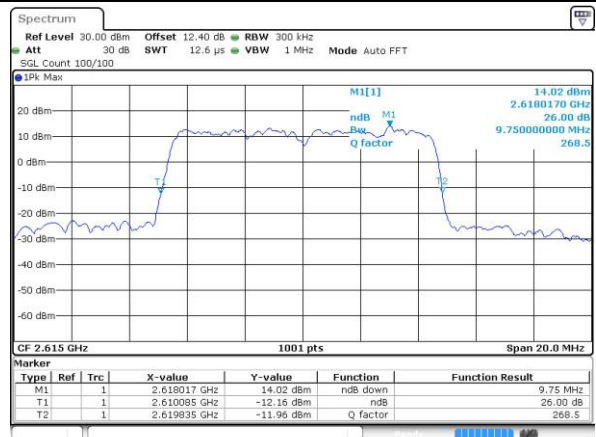
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



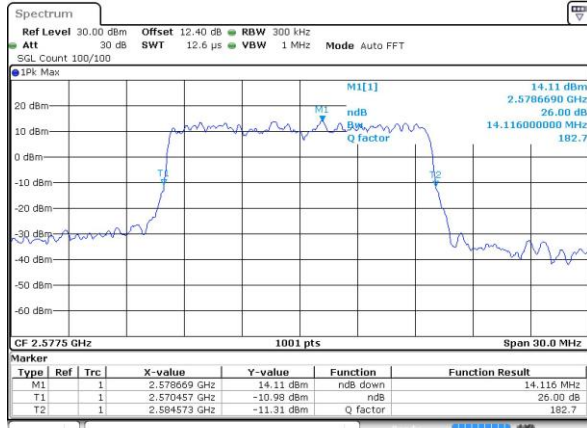
Highest Channel / 10MHz / 16QAM





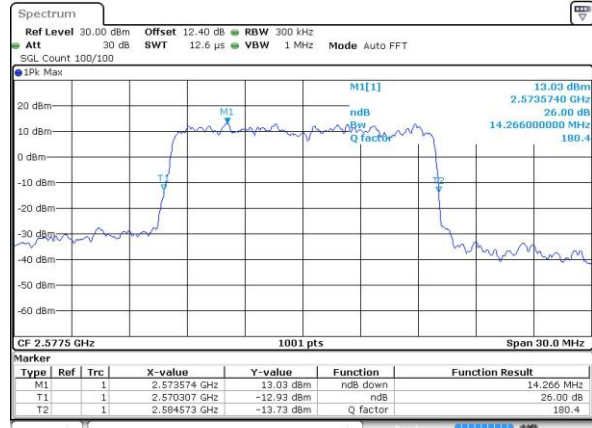
LTE Band 38

Lowest Channel / 15MHz / QPSK



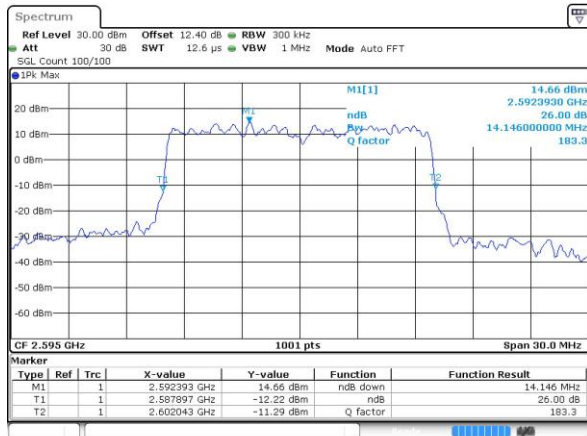
Date: 3.OCT.2018 06:53:43

Lowest Channel / 15MHz / 16QAM



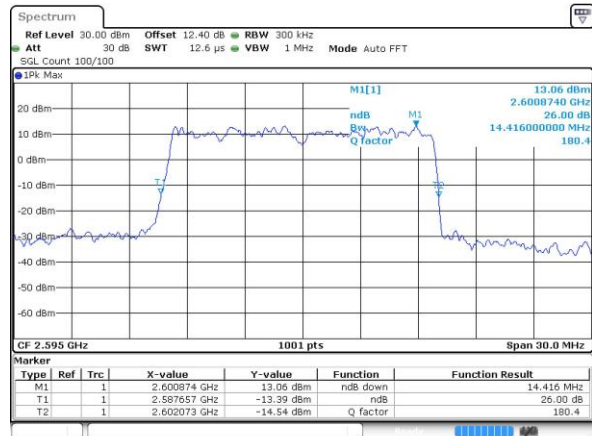
Date: 3.OCT.2018 06:53:55

Middle Channel / 15MHz / QPSK



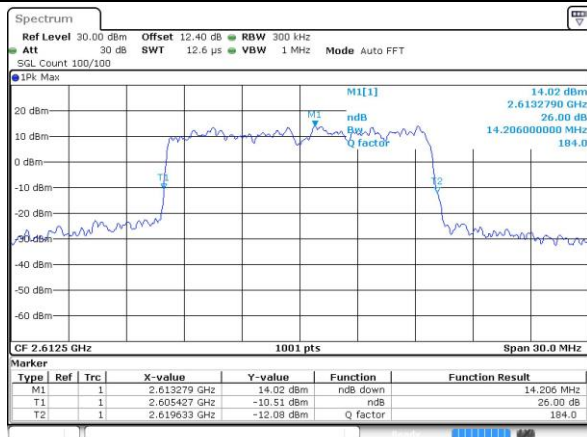
Date: 3.OCT.2018 06:54:29

Middle Channel / 15MHz / 16QAM



Date: 3.OCT.2018 06:54:41

Highest Channel / 15MHz / QPSK



Date: 3.OCT.2018 06:55:15

Highest Channel / 15MHz / 16QAM



Date: 3.OCT.2018 06:55:26