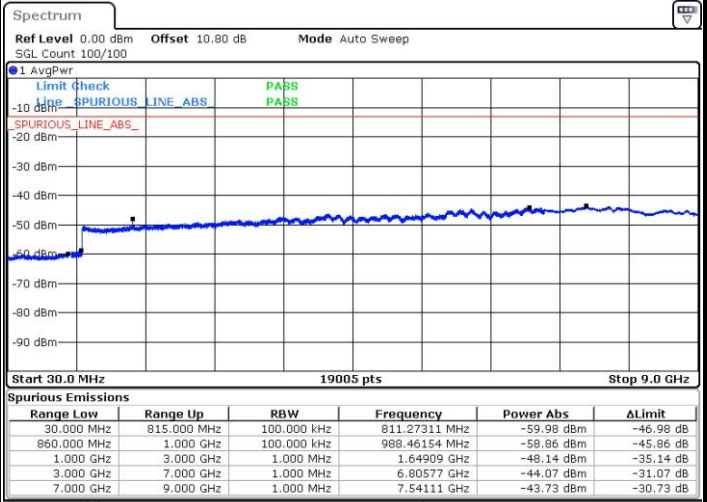
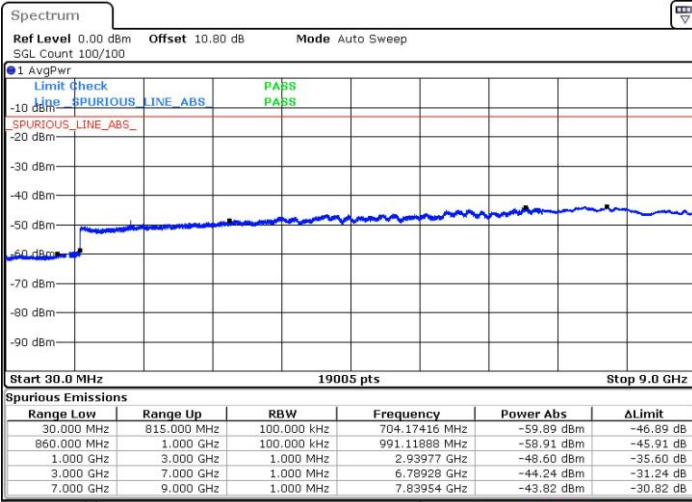




LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

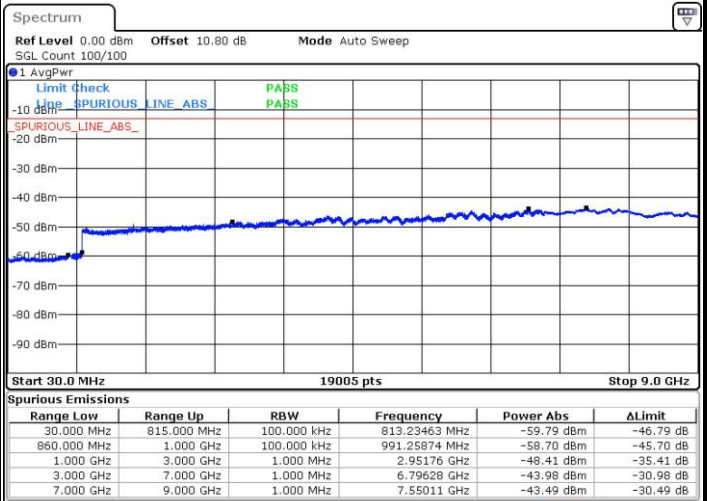
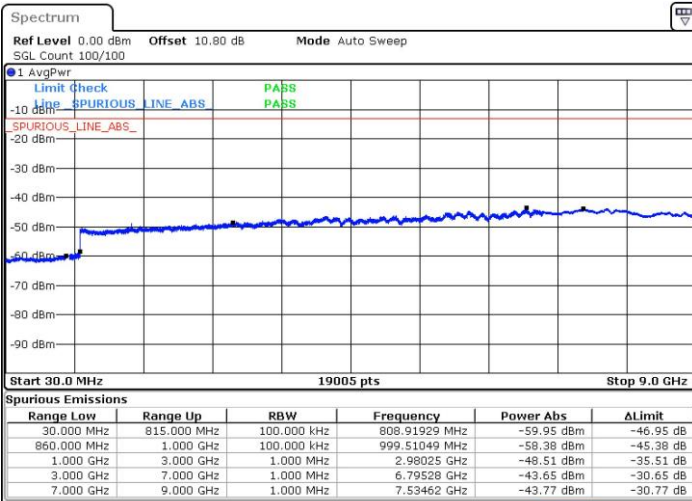


Date: 22 AUG.2018 11:24:46

Date: 22 AUG.2018 11:25:46

Middle Channel / QPSK

Middle Channel / 16QAM



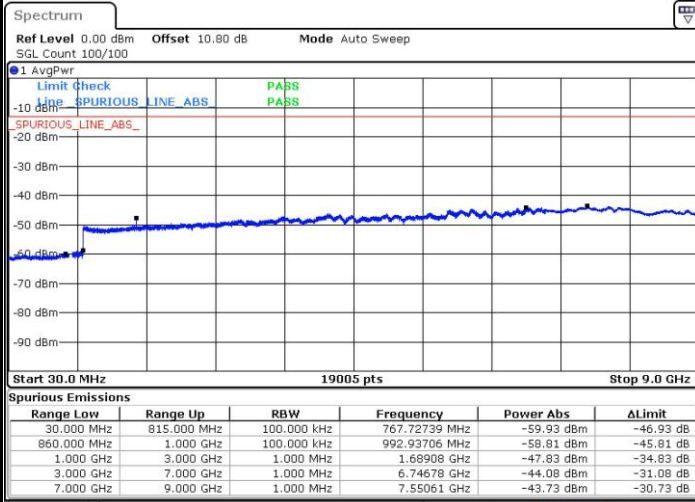
Date: 22 AUG.2018 11:27:32

Date: 22 AUG.2018 11:28:32



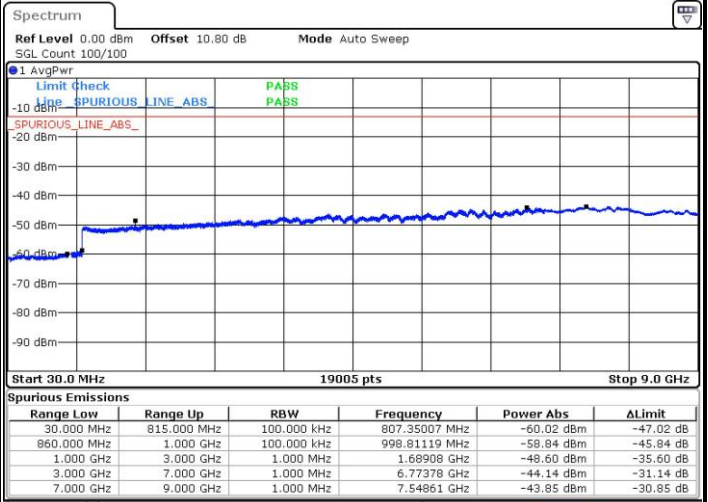
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 22 AUG 2018 11:34:59

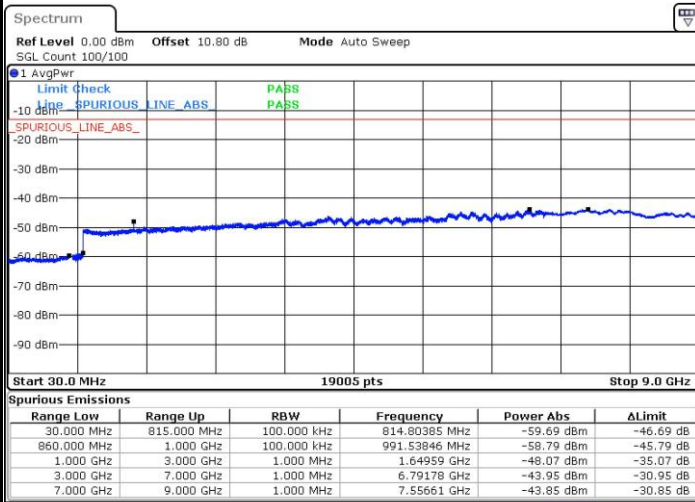
Highest Channel / 16QAM



Date: 22 AUG 2018 11:35:59

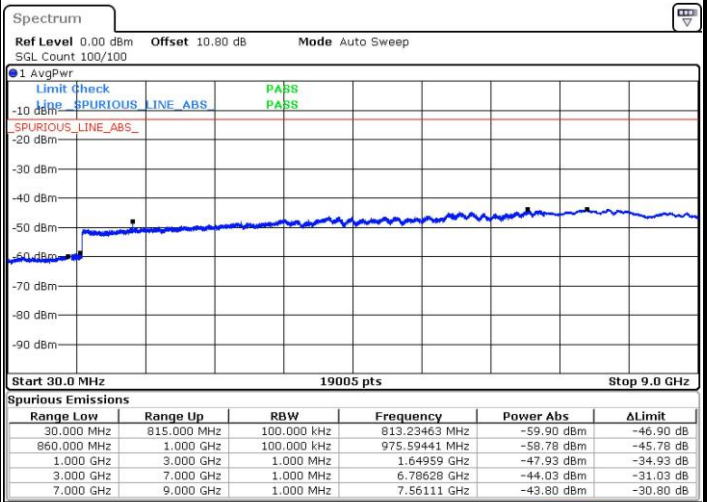
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 22 AUG 2018 11:42:25

Lowest Channel / 16QAM



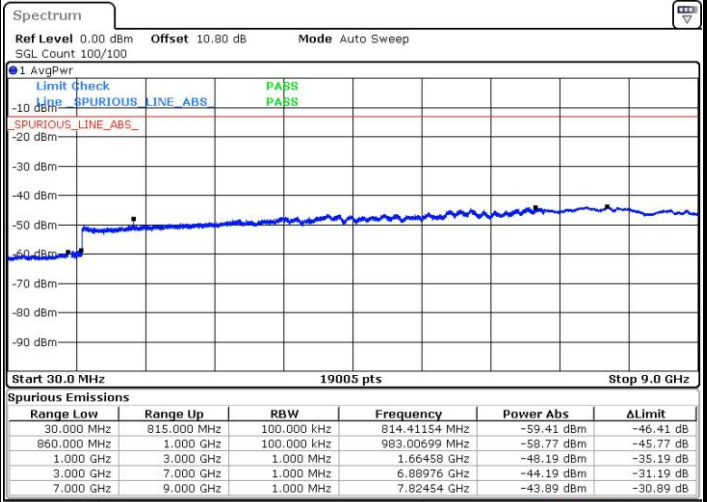
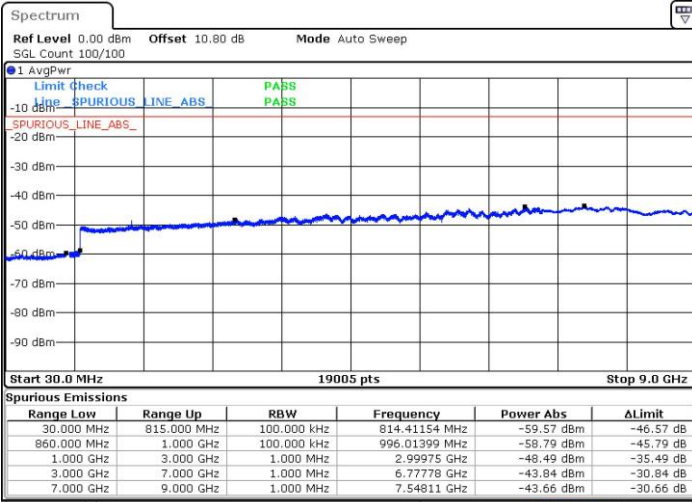
Date: 22 AUG 2018 11:43:25



LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

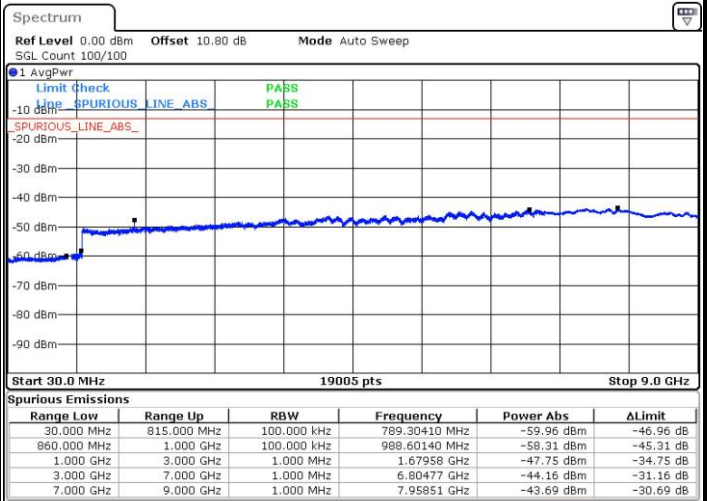
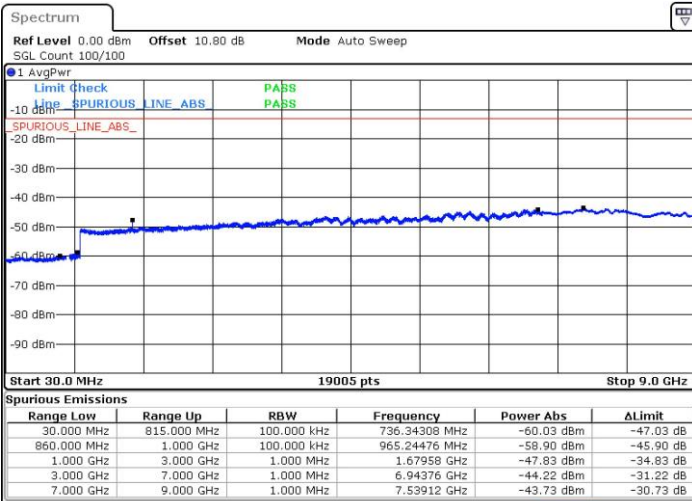


Date: 22 AUG.2018 11:45:11

Date: 22 AUG.2018 11:46:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 AUG.2018 11:52:37

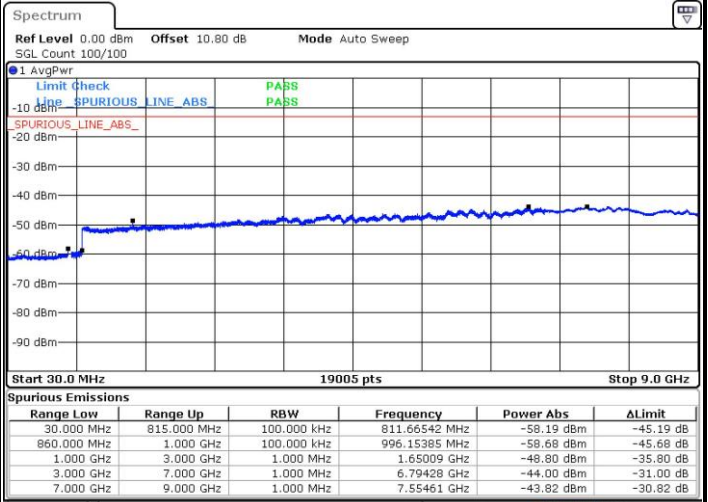
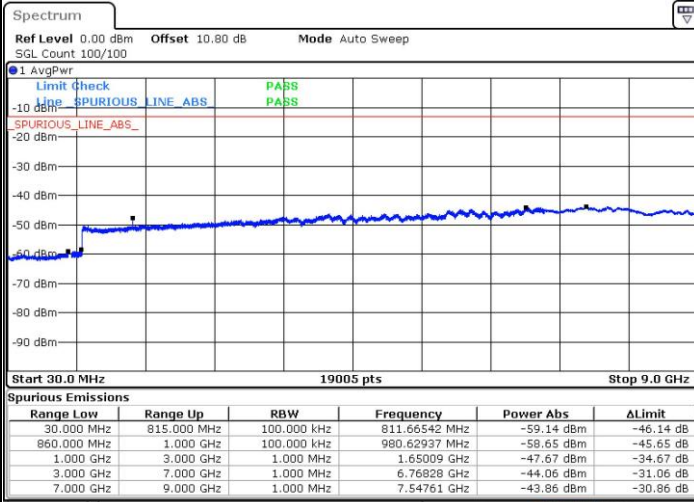
Date: 22 AUG.2018 11:53:38



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

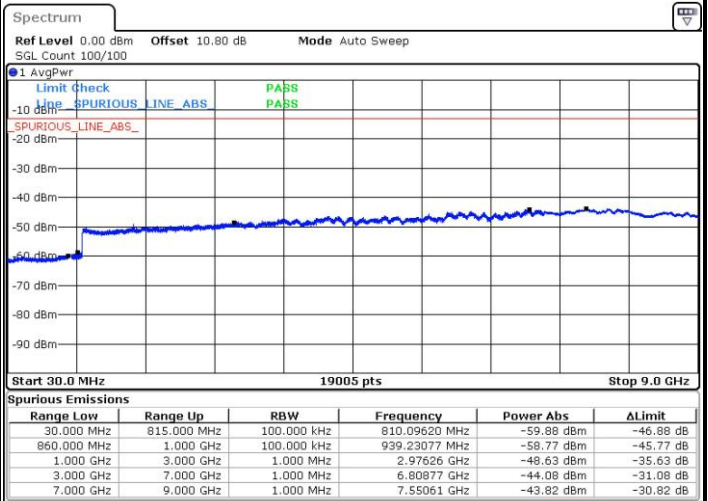
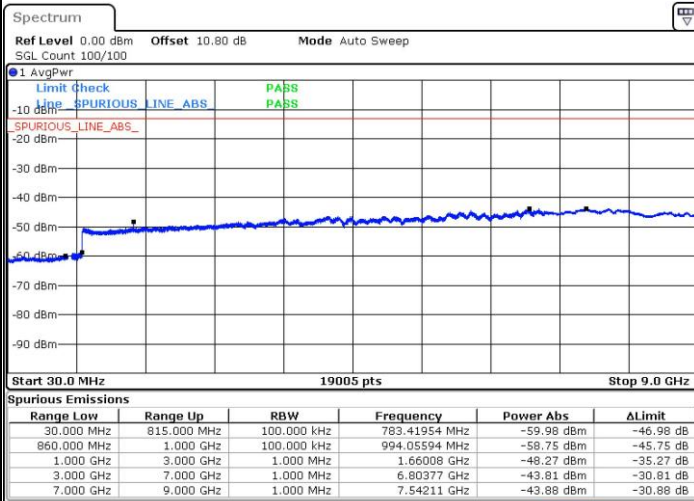


Date: 22 AUG.2018 15:03:36

Date: 22 AUG.2018 15:04:36

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 22 AUG.2018 15:06:22

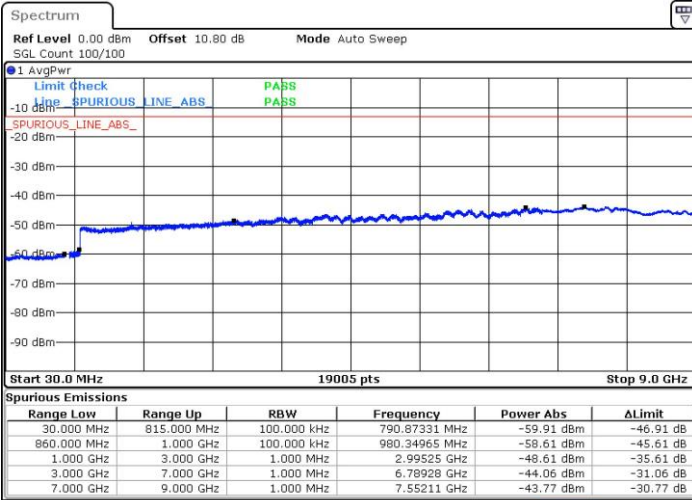
Date: 22 AUG.2018 15:07:22



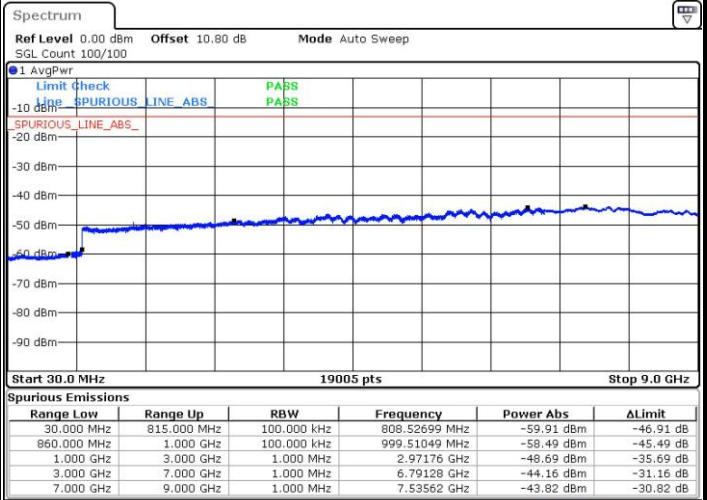
LTE Band 26 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 AUG.2018 15:13:48

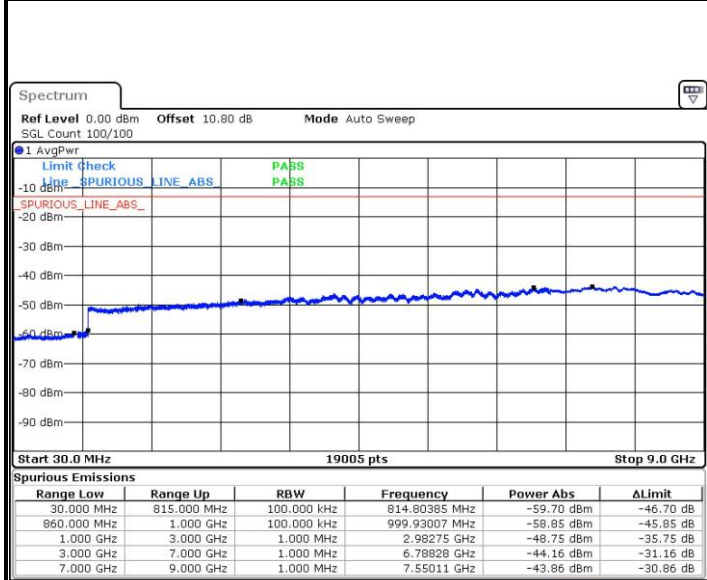


Date: 22 AUG.2018 15:14:48



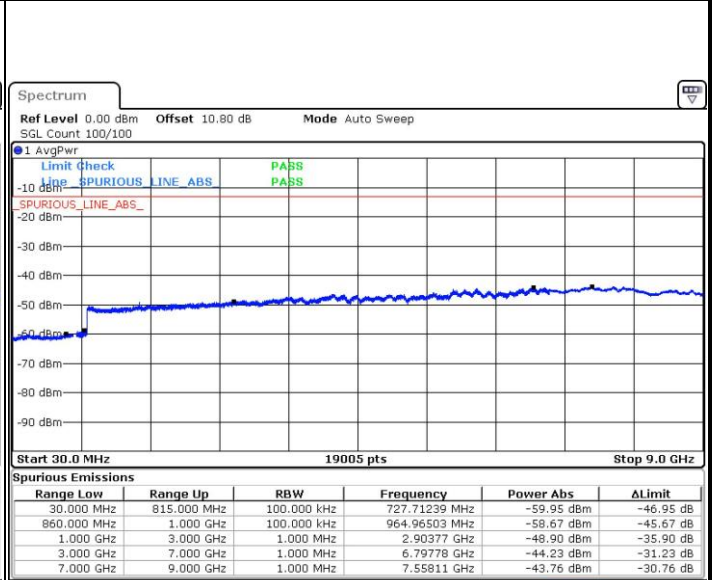
**LTE Band 26 / 1.4MHz**

**Lowest Channel / 64QAM**



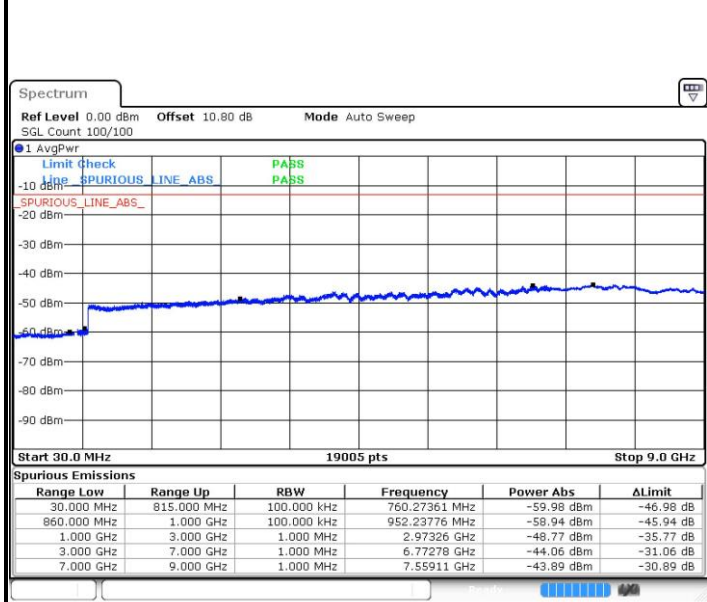
Date: 22 AUG.2018 10:02:24

**Middle Channel / 64QAM**



Date: 22 AUG.2018 10:03:47

**Highest Channel / 64QAM**

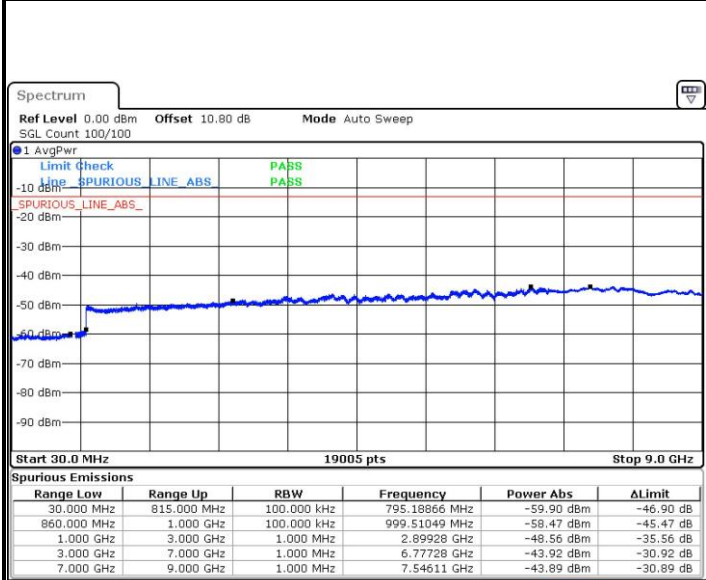


Date: 22 AUG.2018 10:07:59



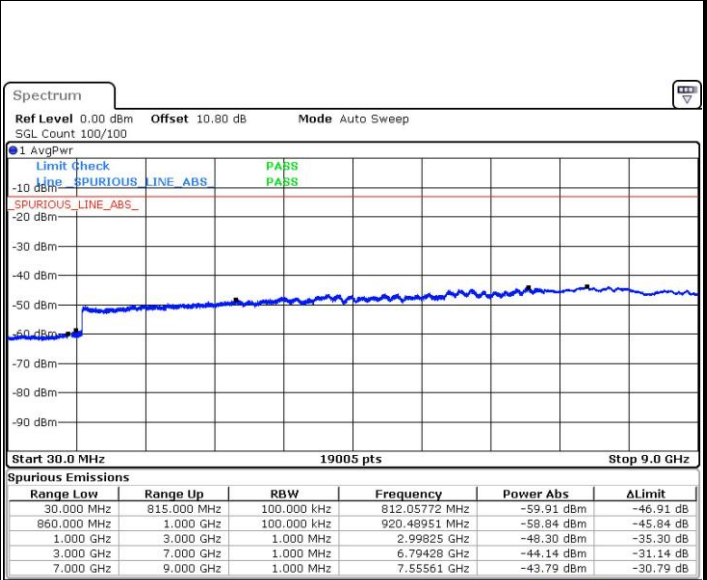
**LTE Band 26 / 3MHz**

**Lowest Channel / 64QAM**



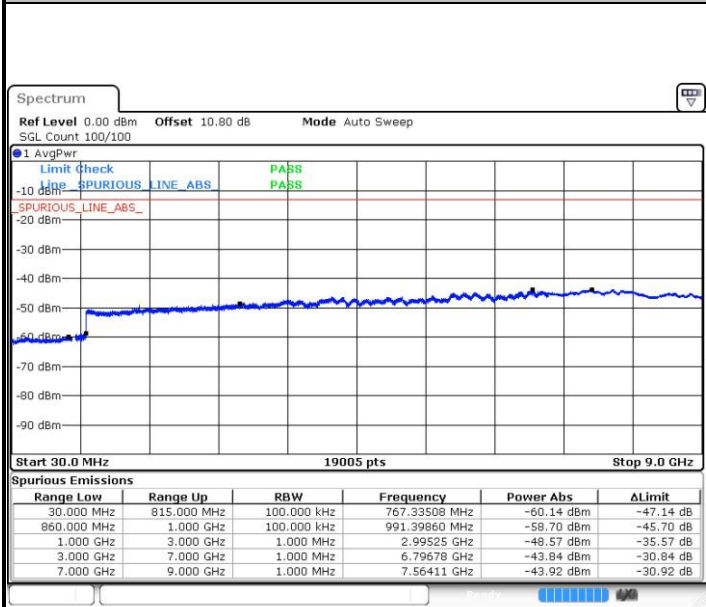
Date: 22 AUG.2018 10:11:42

**Middle Channel / 64QAM**



Date: 22 AUG.2018 10:13:05

**Highest Channel / 64QAM**



Date: 22 AUG.2018 10:34:13

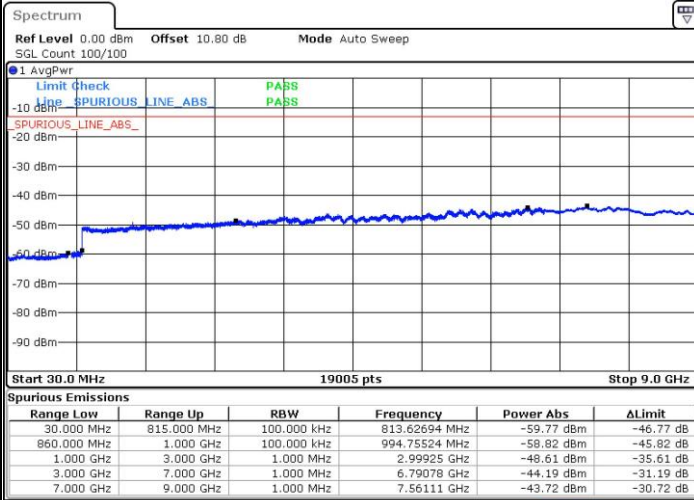




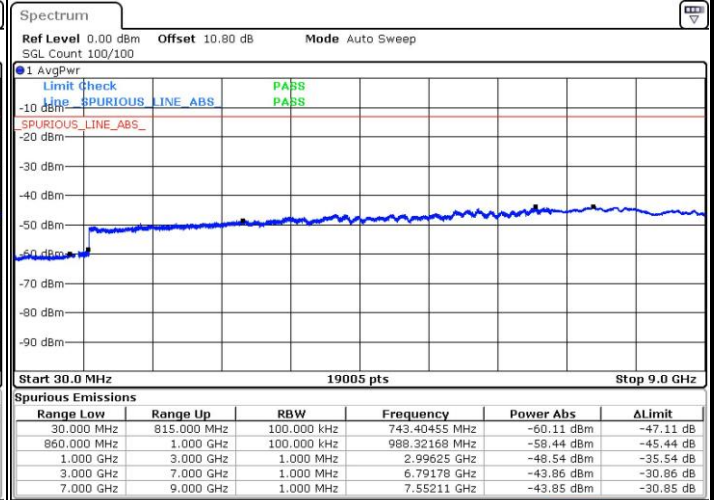
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

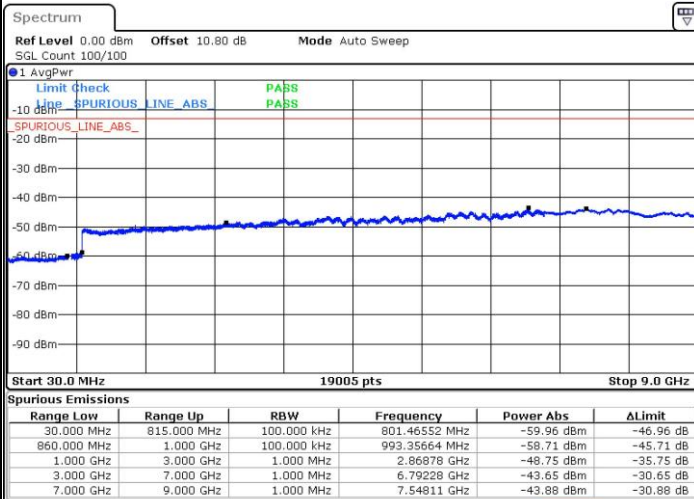


Date: 22 AUG.2018 10:37:56



Date: 22 AUG.2018 10:39:19

Highest Channel / 64QAM



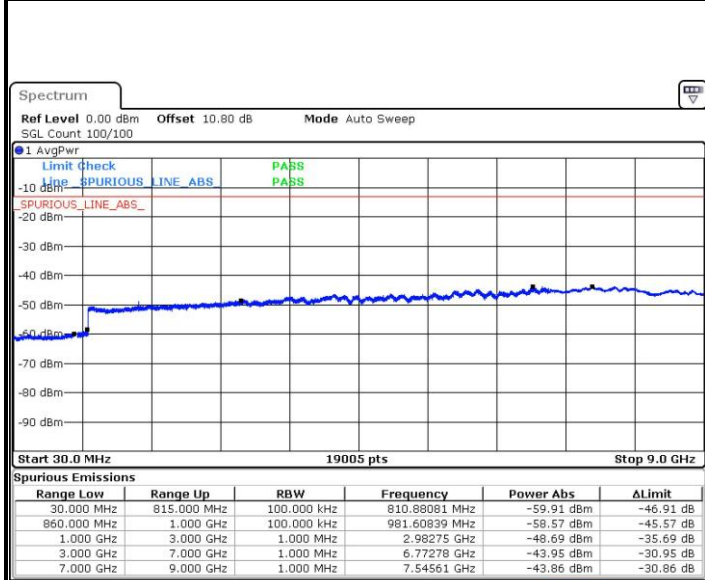
Date: 22 AUG.2018 10:43:02





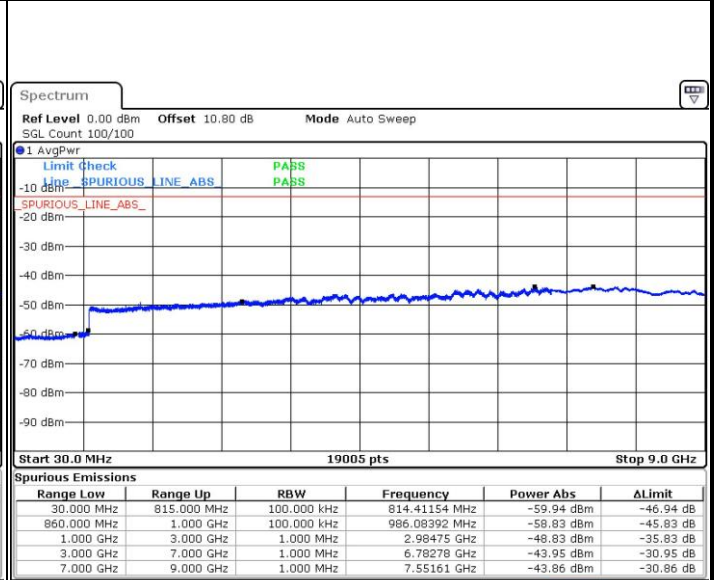
**LTE Band 26 / 10MHz**

**Lowest Channel / 64QAM**



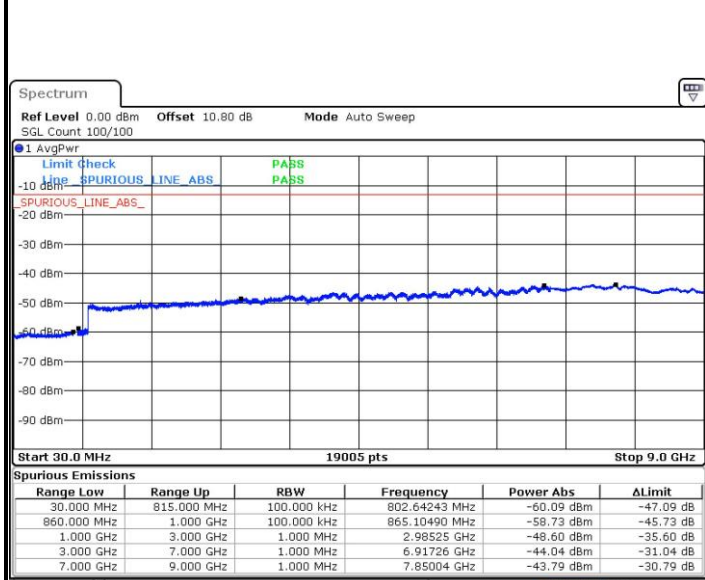
Date: 22 AUG.2018 10:46:46

**Middle Channel / 64QAM**



Date: 22 AUG.2018 10:48:09

**Highest Channel / 64QAM**



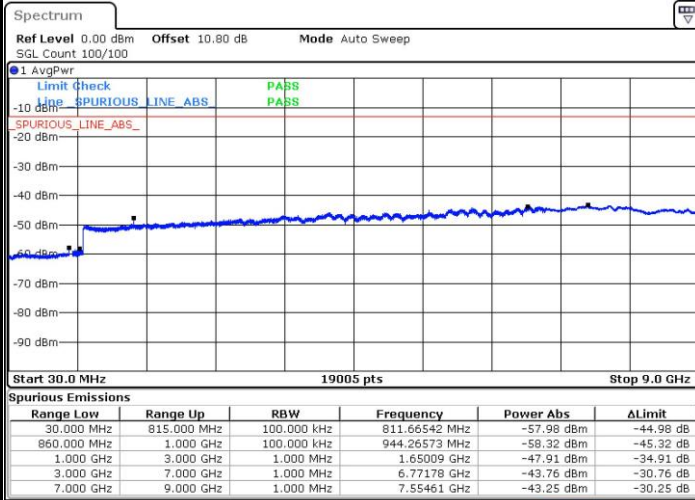
Date: 22 AUG.2018 10:51:52



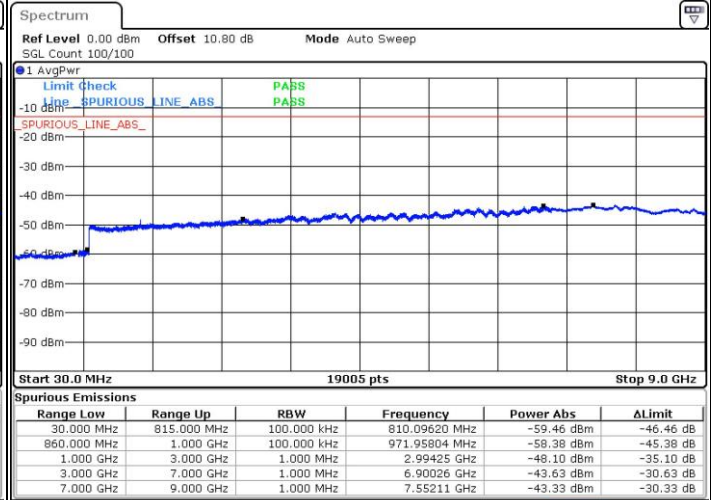
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

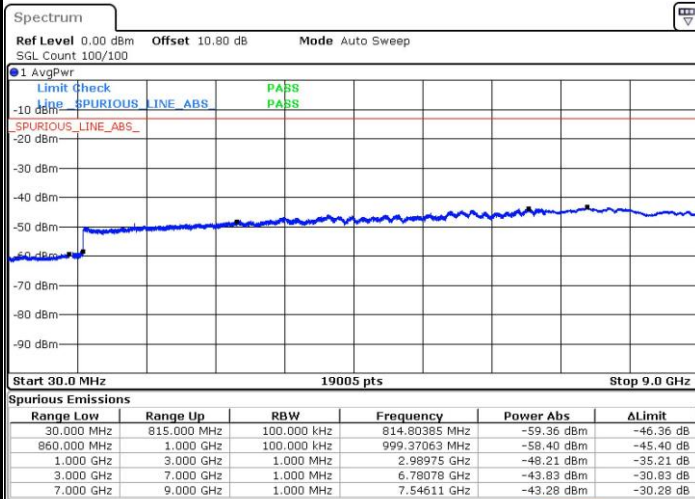


Date: 23 AUG.2018 11:59:06



Date: 23 AUG.2018 12:00:29

Highest Channel / 64QAM



Date: 23 AUG.2018 12:04:12



**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	0.0091	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0096	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0108	

**Note:**

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 38

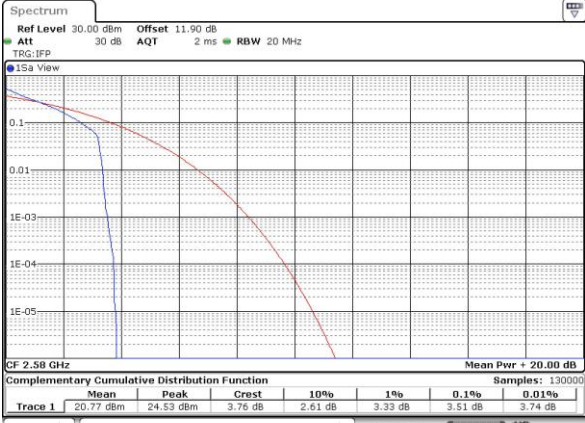
## Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.51	4.55	5.33	5.86	PASS
Middle CH	3.62	4.72	5.22	6.06	
Highest CH	3.91	4.87	5.68	6.26	
Mode	LTE Band 38 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.14	6.43	-	-	PASS
Middle CH	6.32	6.58	-	-	
Highest CH	6.49	6.78	-	-	



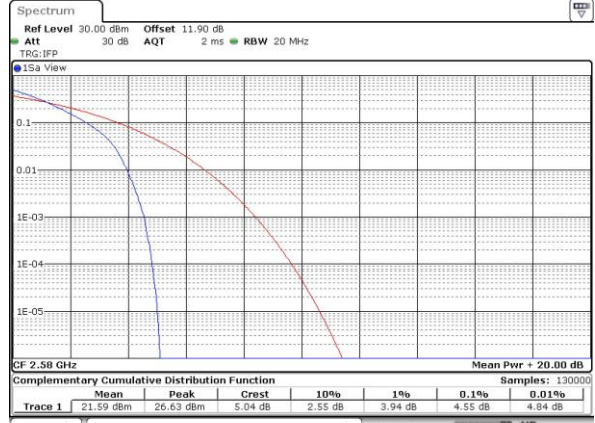
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 15 AUG 2018 21:59:49

Lowest Channel / Full RB



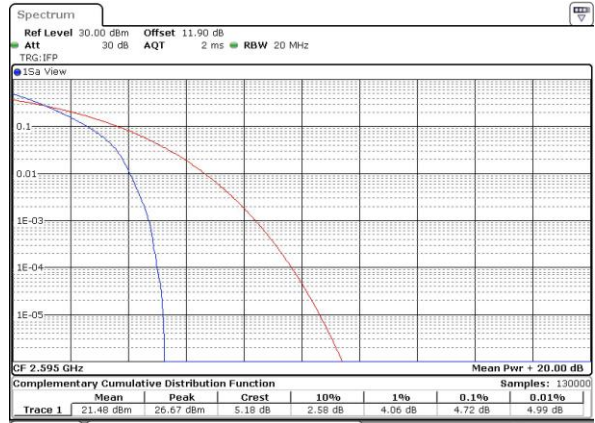
Date: 15 AUG 2018 22:00:09

Middle Channel / 1RB



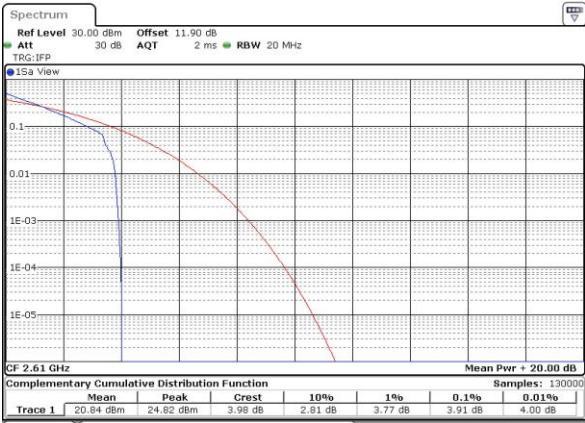
Date: 15 AUG 2018 22:00:25

Middle Channel / Full RB



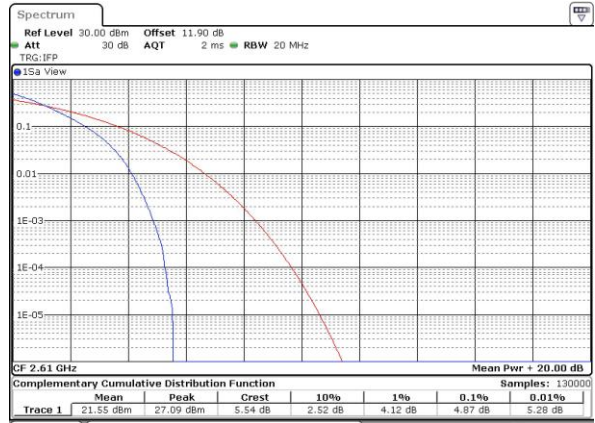
Date: 15 AUG 2018 22:00:44

Highest Channel / 1RB



Date: 15 AUG 2018 22:01:02

Highest Channel / Full RB



Date: 15 AUG 2018 22:01:19



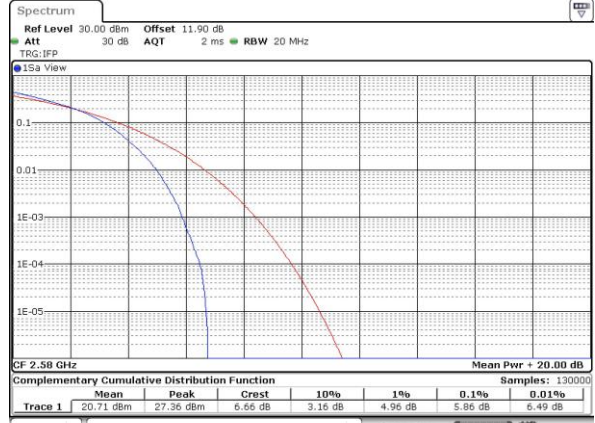
LTE Band 38 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 15 AUG 2018 21:56:55

Lowest Channel / Full RB



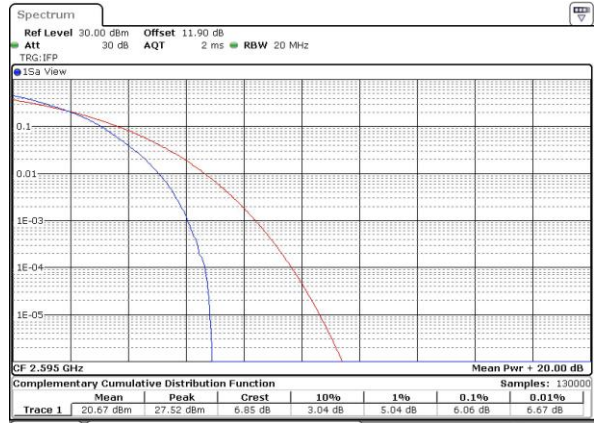
Date: 15 AUG 2018 21:57:11

Middle Channel / 1RB



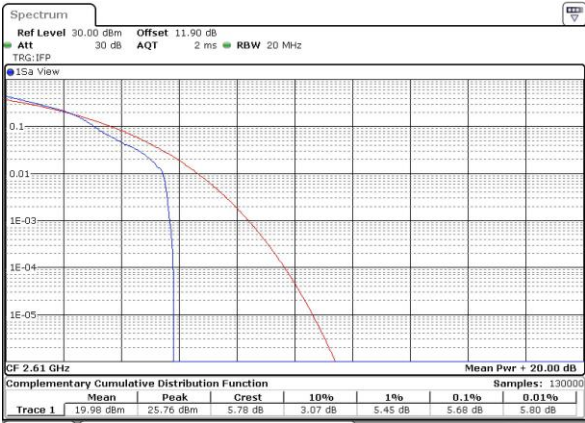
Date: 15 AUG 2018 21:57:27

Middle Channel / Full RB



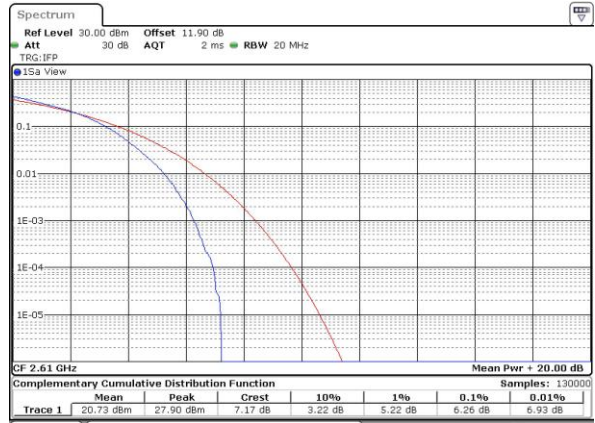
Date: 15 AUG 2018 21:59:03

Highest Channel / 1RB



Date: 15 AUG 2018 21:59:19

Highest Channel / Full RB



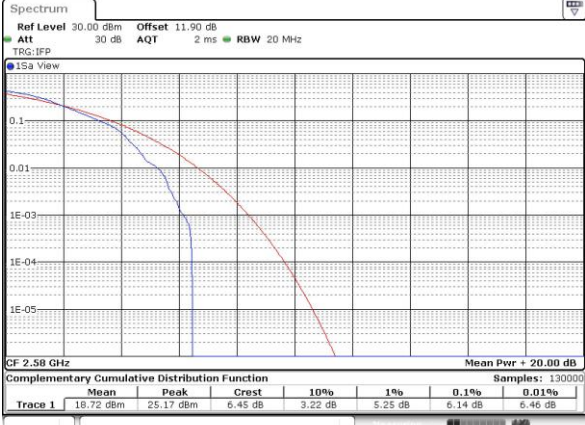
Date: 15 AUG 2018 21:59:34





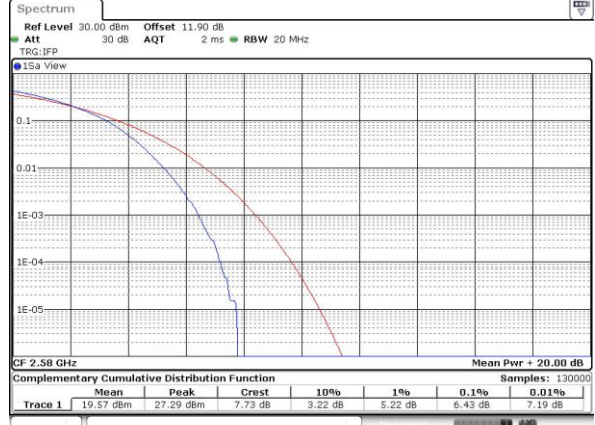
LTE Band 38 / 20MHz / 64QAM

Lowest Channel / 1RB



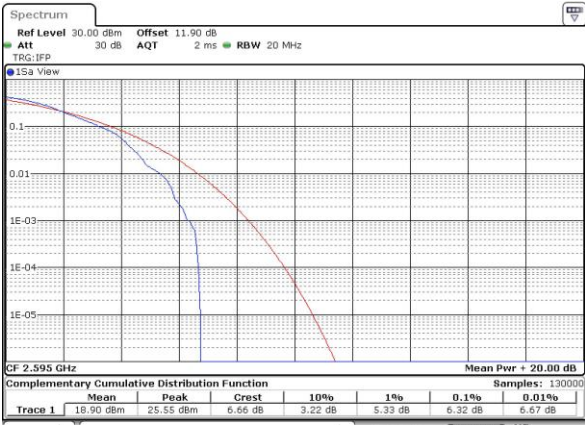
Date: 15 AUG 2018 21:55:13

Lowest Channel / Full RB



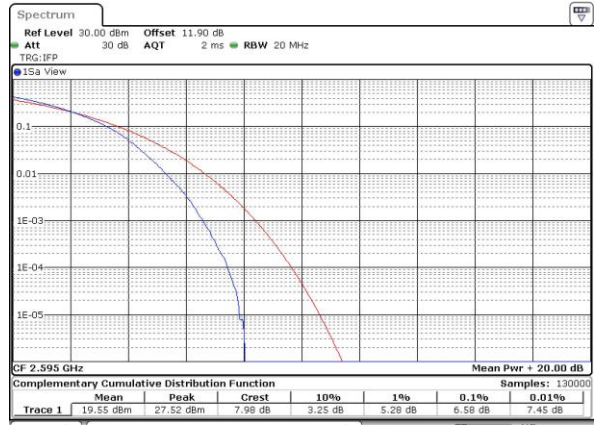
Date: 15 AUG 2018 21:55:29

Middle Channel / 1RB



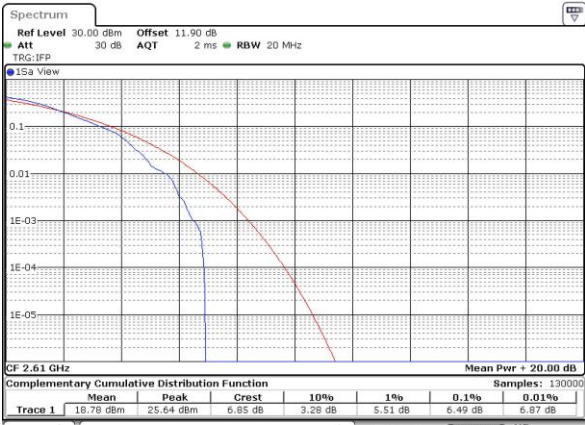
Date: 15 AUG 2018 21:55:47

Middle Channel / Full RB



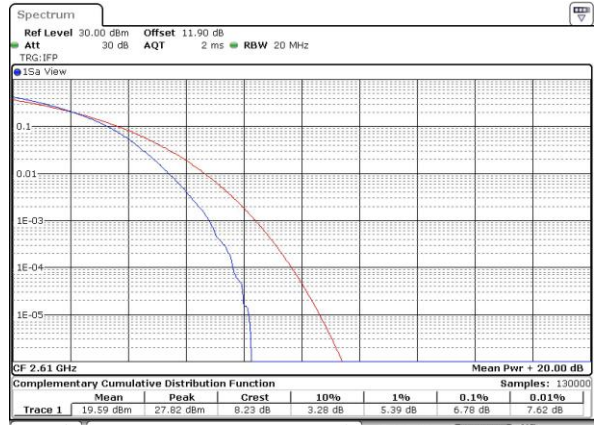
Date: 15 AUG 2018 21:56:02

Highest Channel / 1RB



Date: 15 AUG 2018 21:56:21

Highest Channel / Full RB



Date: 15 AUG 2018 21:56:36





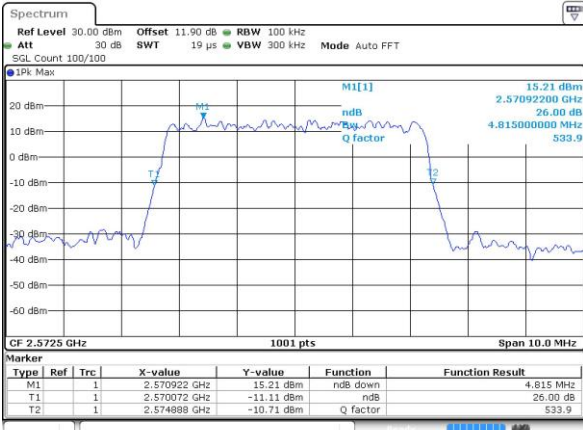
**26dB Bandwidth**

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	-	-	-	-	4.82	4.87	9.63	9.75	14.21	14.57	20.06	20.10
Middle CH	-	-	-	-	4.80	4.82	9.71	9.69	14.27	14.21	20.14	20.14
Highest CH	-	-	-	-	4.93	4.97	9.67	9.63	14.33	14.48	20.14	20.06
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.91	-	9.81	-	14.66	-	20.10	-
Middle CH	-	-	-	-	4.77	-	9.67	-	14.18	-	20.18	-
Highest CH	-	-	-	-	4.85	-	9.85	-	14.42	-	20.02	-



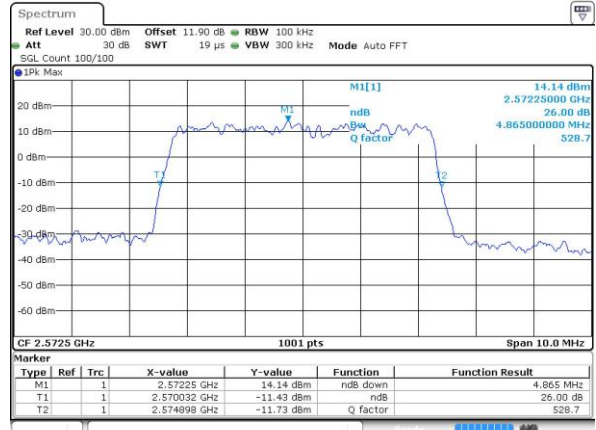
LTE Band 38

Lowest Channel / 5MHz / QPSK



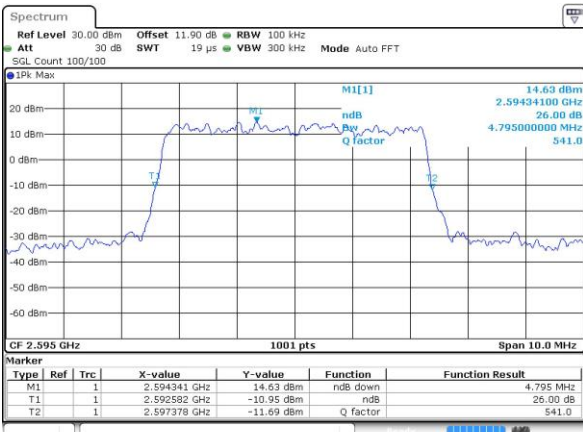
Date: 15 AUG 2018 21:41:45

Lowest Channel / 5MHz / 16QAM



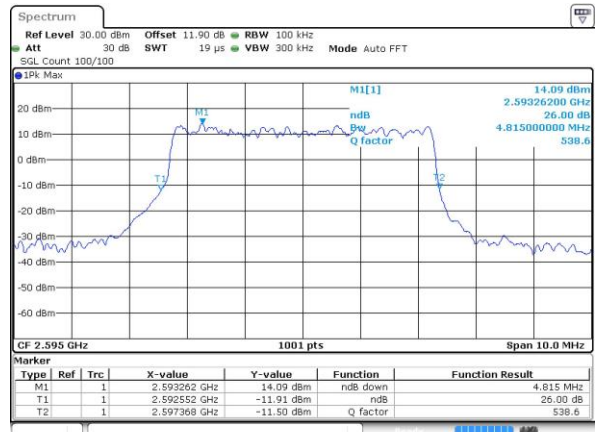
Date: 15 AUG 2018 21:41:56

Middle Channel / 5MHz / QPSK



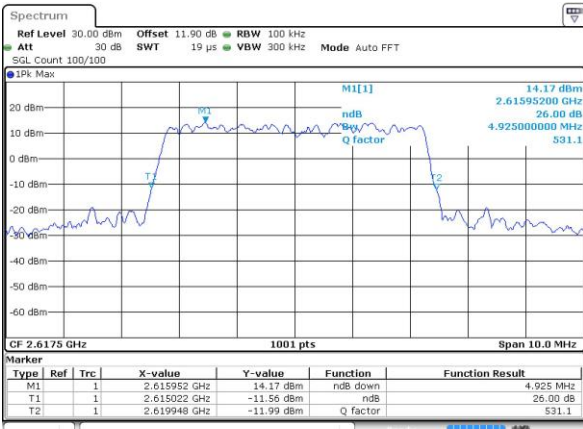
Date: 15 AUG 2018 21:42:30

Middle Channel / 5MHz / 16QAM



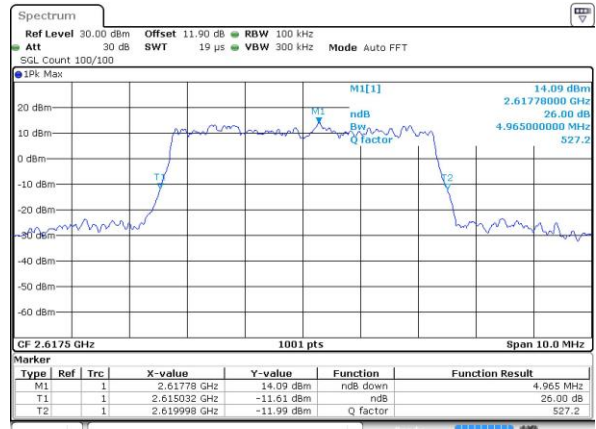
Date: 15 AUG 2018 21:42:42

Highest Channel / 5MHz / QPSK



Date: 15 AUG 2018 21:43:16

Highest Channel / 5MHz / 16QAM

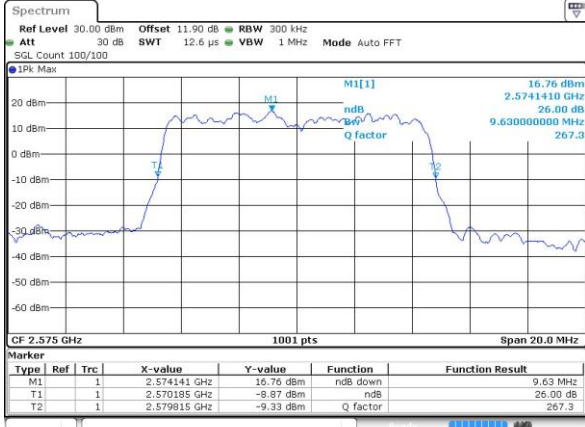


Date: 15 AUG 2018 21:43:27



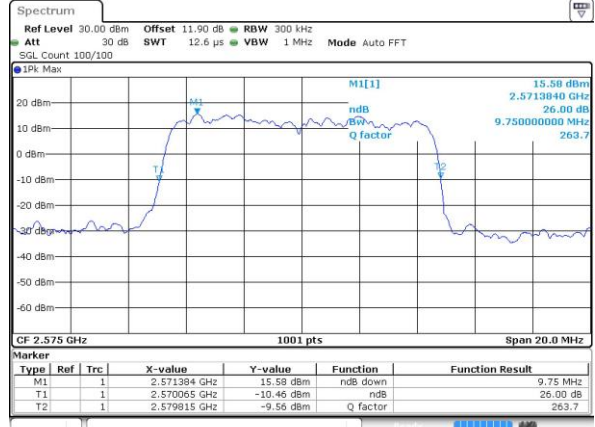
LTE Band 38

Lowest Channel / 10MHz / QPSK



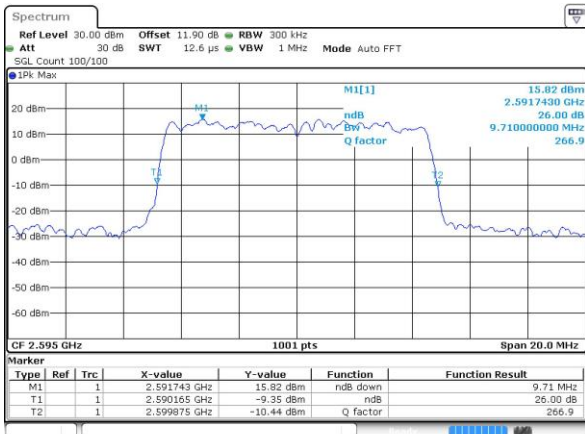
Date: 15 AUG 2018 21:44:01

Lowest Channel / 10MHz / 16QAM



Date: 15 AUG 2018 21:44:13

Middle Channel / 10MHz / QPSK



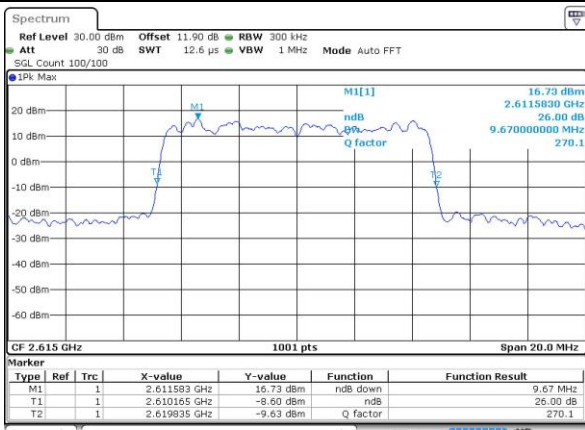
Date: 15 AUG 2018 21:44:47

Middle Channel / 10MHz / 16QAM



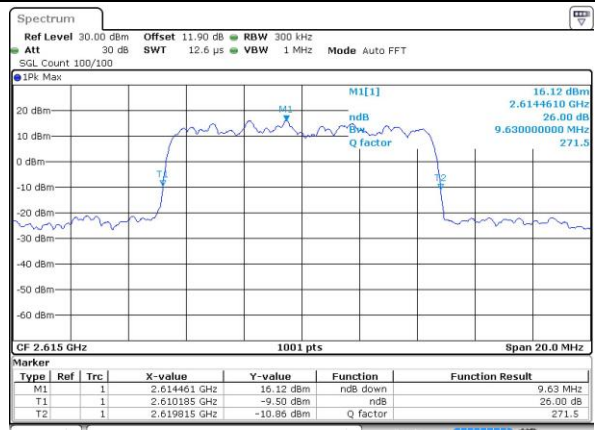
Date: 15 AUG 2018 21:44:58

Highest Channel / 10MHz / QPSK



Date: 15 AUG 2018 21:45:32

Highest Channel / 10MHz / 16QAM

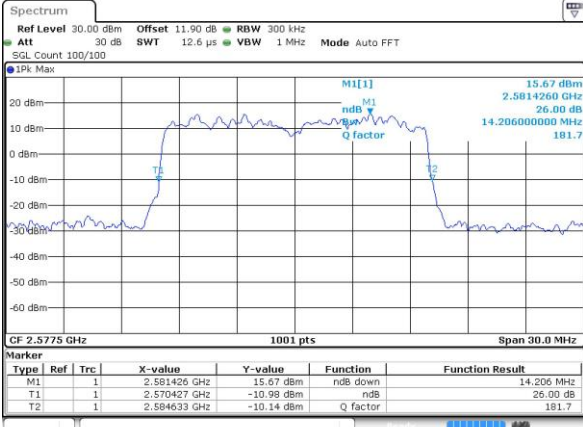


Date: 15 AUG 2018 21:45:43



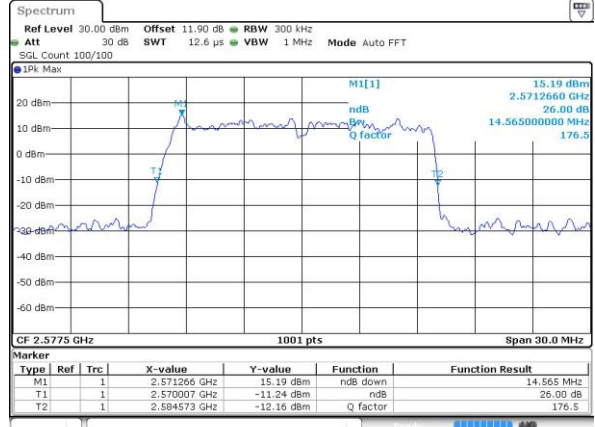
LTE Band 38

Lowest Channel / 15MHz / QPSK



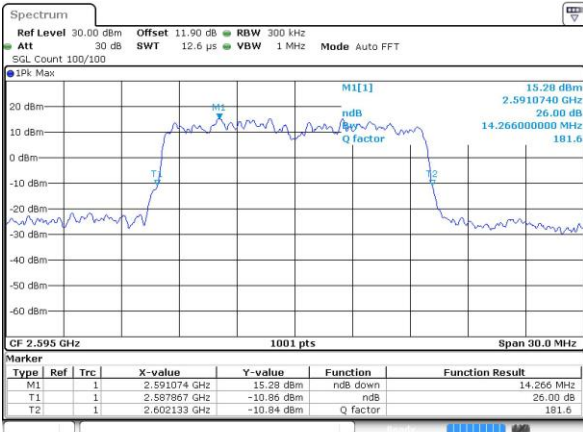
Date: 15 AUG 2018 21:46:17

Lowest Channel / 15MHz / 16QAM



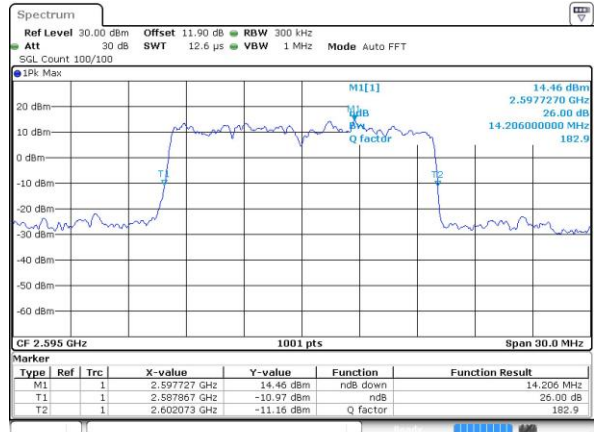
Date: 15 AUG 2018 21:46:29

Middle Channel / 15MHz / QPSK



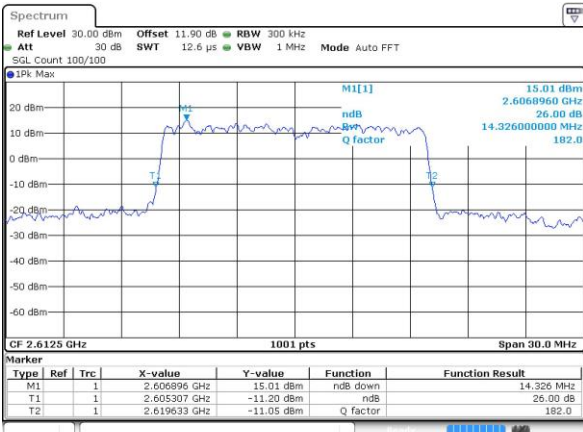
Date: 15 AUG 2018 21:47:03

Middle Channel / 15MHz / 16QAM



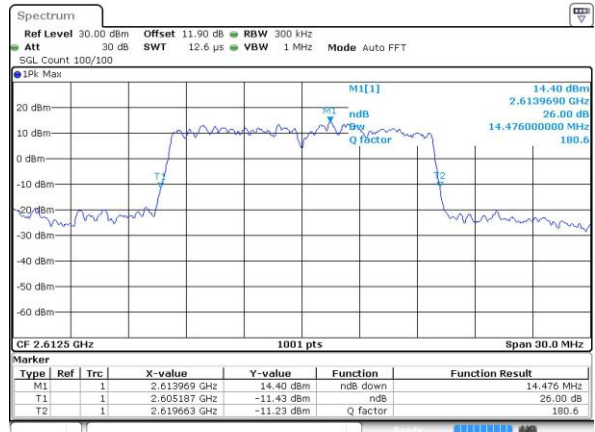
Date: 15 AUG 2018 21:47:14

Highest Channel / 15MHz / QPSK



Date: 15 AUG 2018 21:47:48

Highest Channel / 15MHz / 16QAM

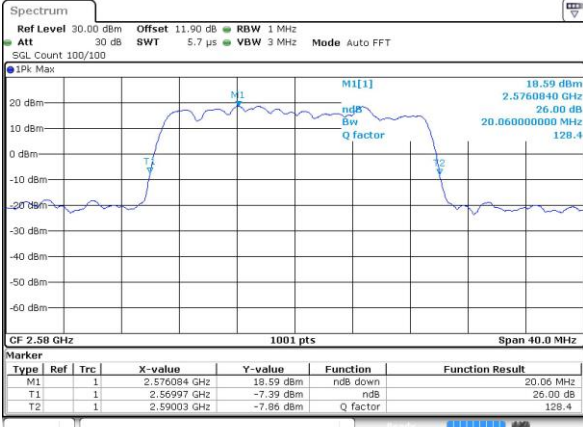


Date: 15 AUG 2018 21:47:59



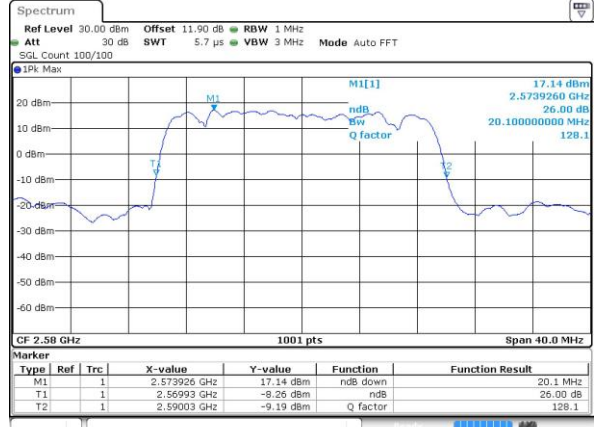
LTE Band 38

Lowest Channel / 20MHz / QPSK



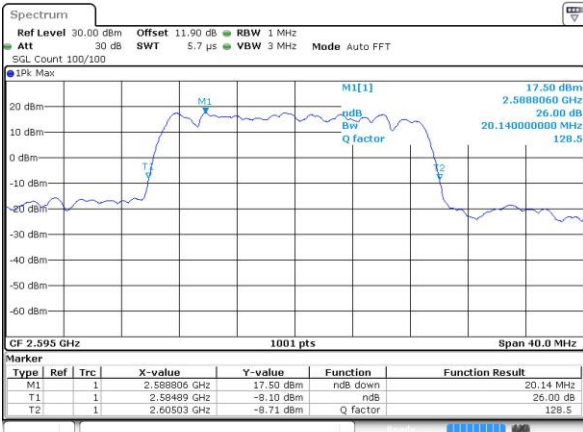
Date: 15 AUG 2018 21:48:34

Lowest Channel / 20MHz / 16QAM



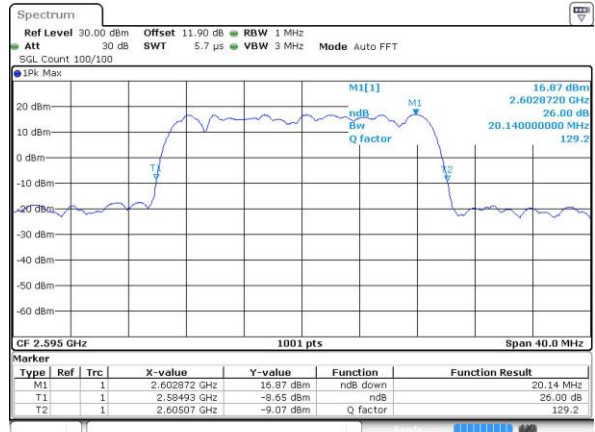
Date: 15 AUG 2018 21:48:45

Middle Channel / 20MHz / QPSK



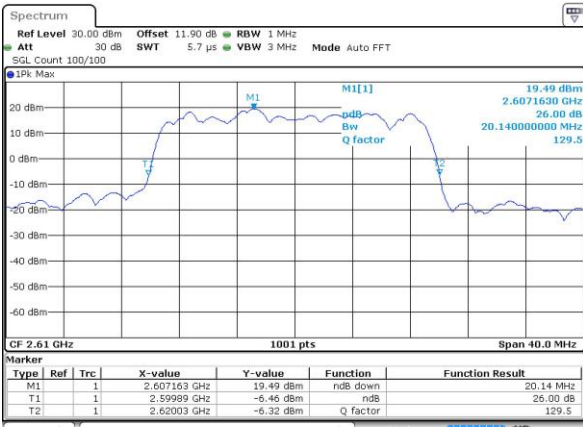
Date: 15 AUG 2018 21:49:19

Middle Channel / 20MHz / 16QAM



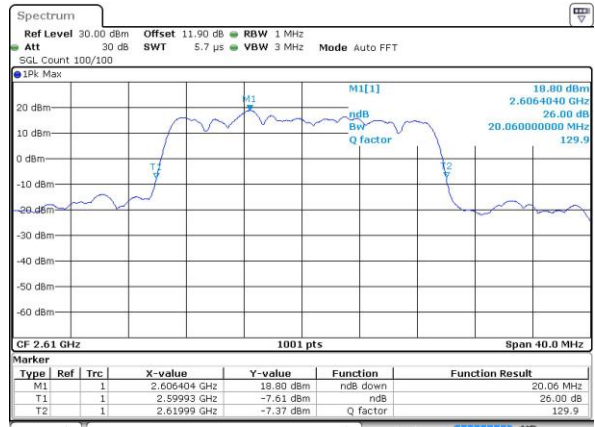
Date: 15 AUG 2018 21:49:31

Highest Channel / 20MHz / QPSK



Date: 15 AUG 2018 21:50:05

Highest Channel / 20MHz / 16QAM



Date: 15 AUG 2018 21:50:16