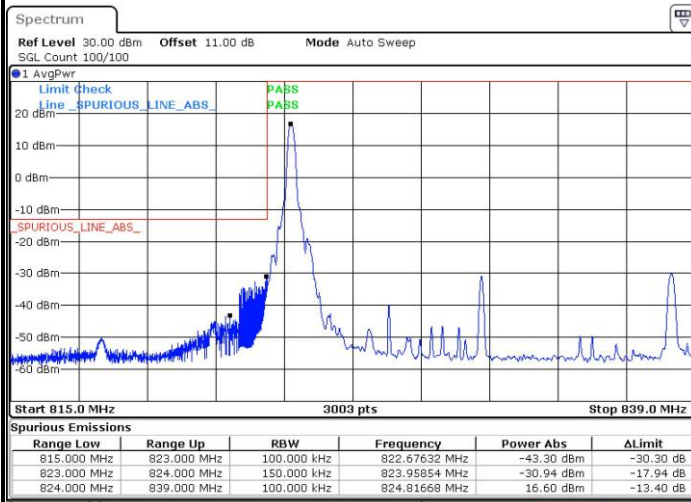


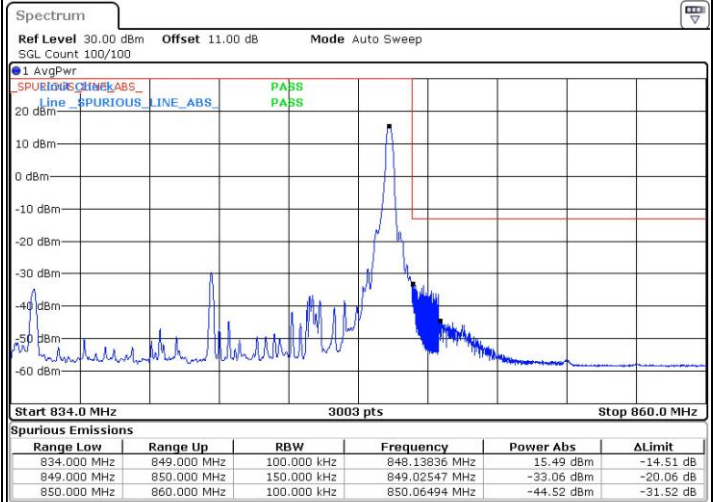


LTE Band 26 / 15MHz / 16QAM

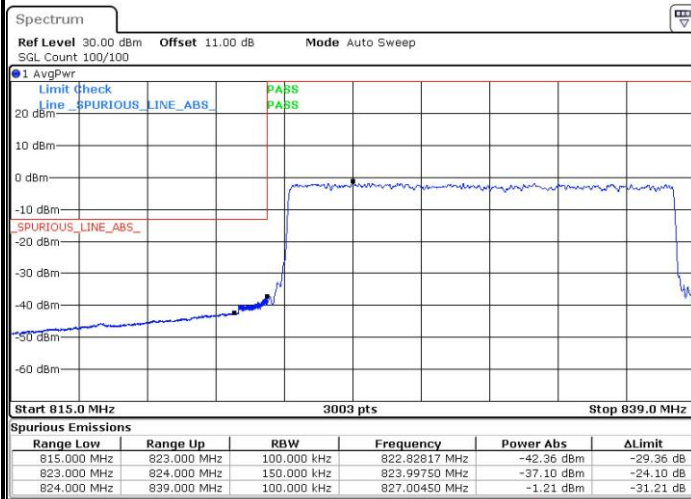
Lowest Band Edge / 1 RB



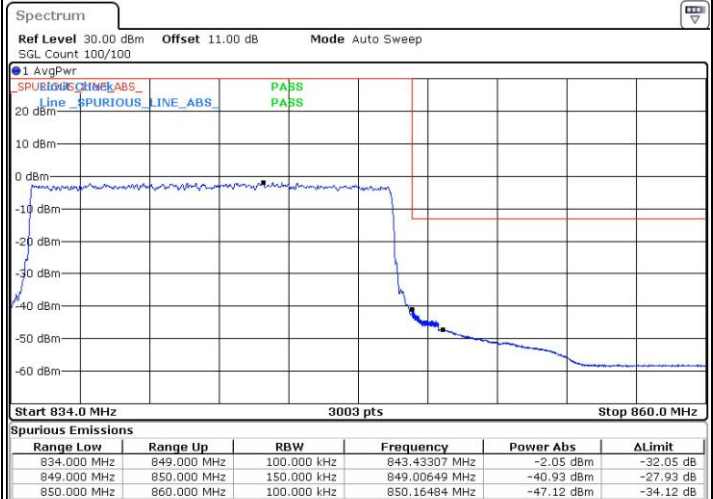
Highest Band Edge / 1 RB

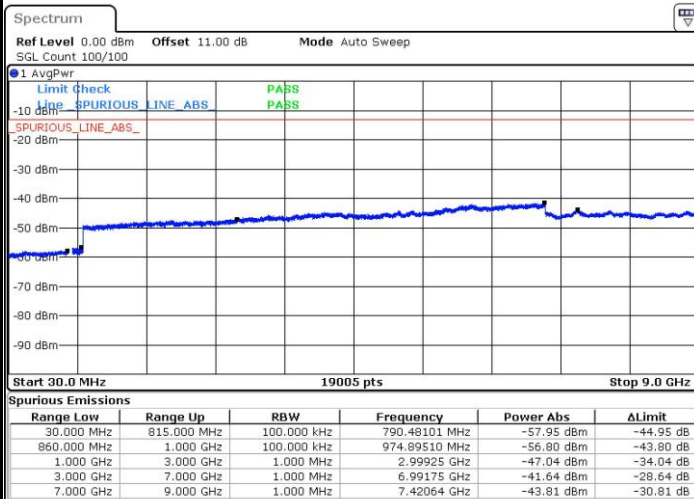


Lowest Band Edge / Full RB

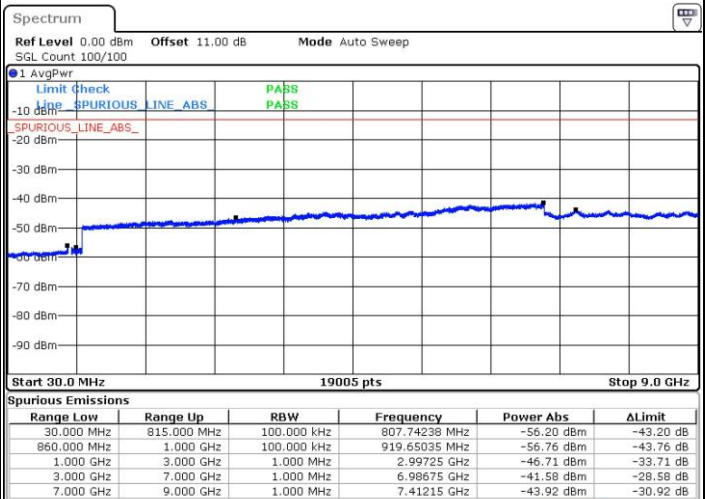


Highest Band Edge / Full RB

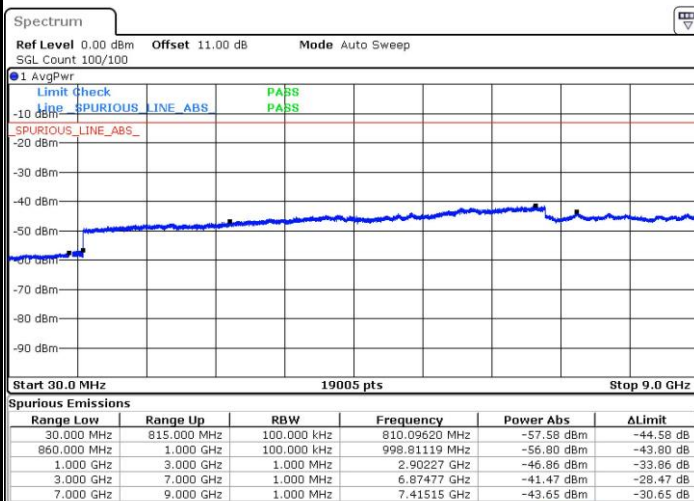


**Conducted Spurious Emission****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

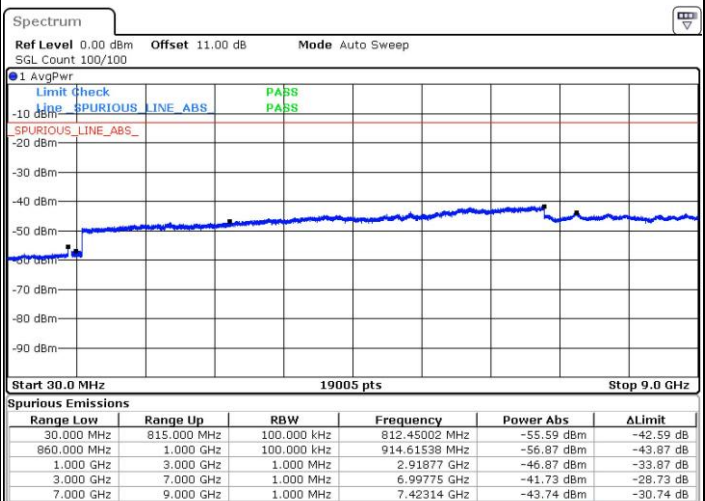
Date: 22 SEP.2018 07:19:06

Lowest Channel / 16QAM

Date: 22 SEP.2018 07:19:56

Middle Channel / QPSK

Date: 22 SEP.2018 07:21:31

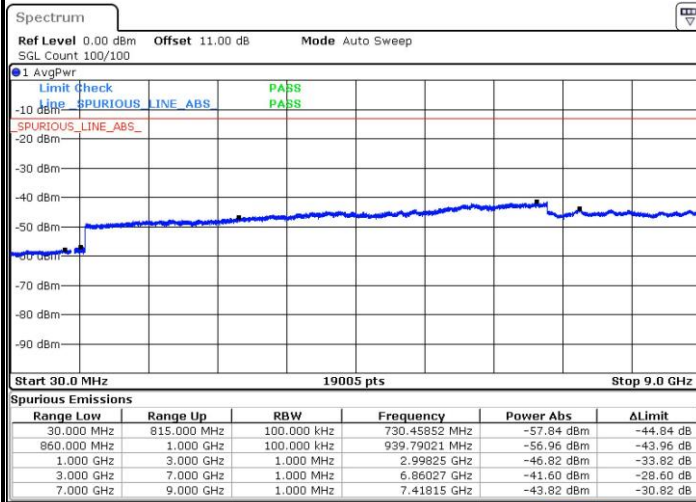
Middle Channel / 16QAM

Date: 22 SEP.2018 07:22:21



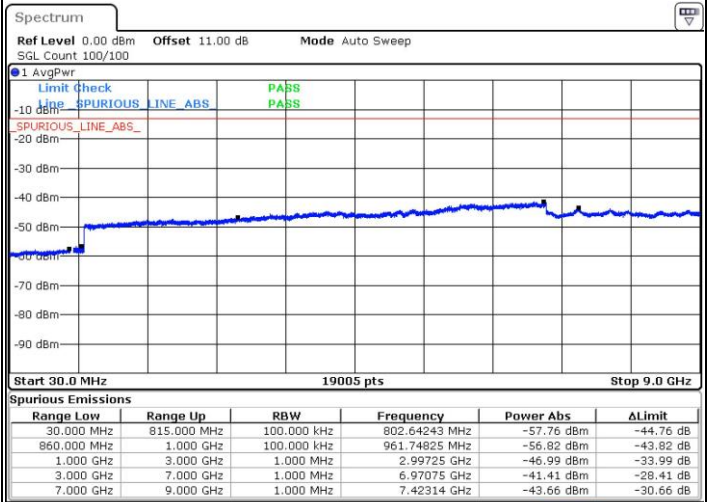
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 22 SEP 2018 07:23:55

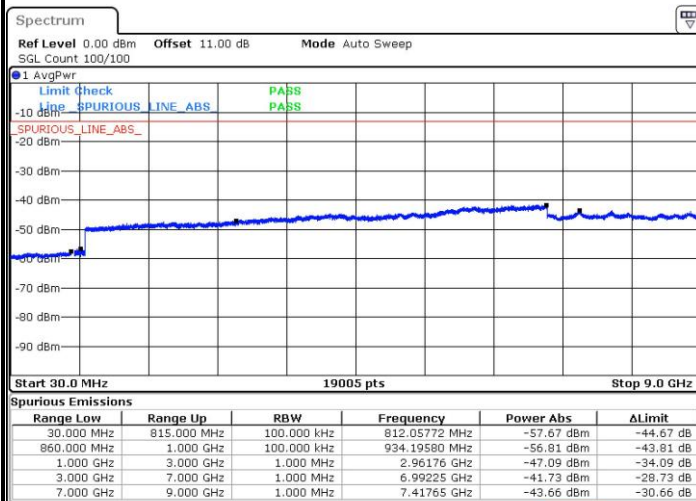
Highest Channel / 16QAM



Date: 22 SEP 2018 07:24:45

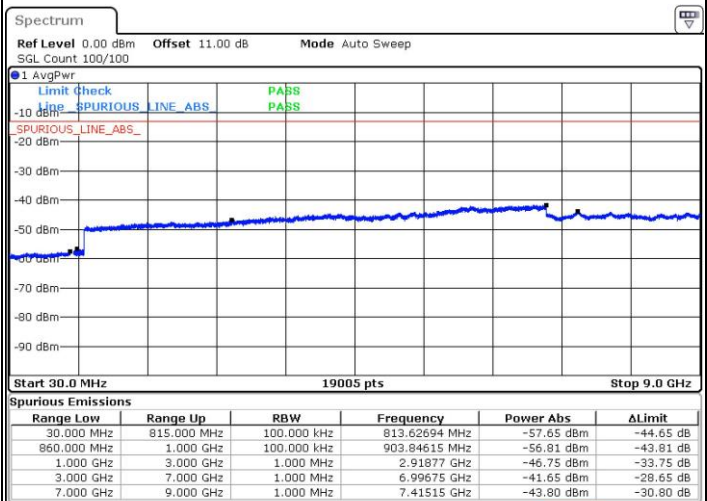
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 22 SEP 2018 07:26:20

Lowest Channel / 16QAM

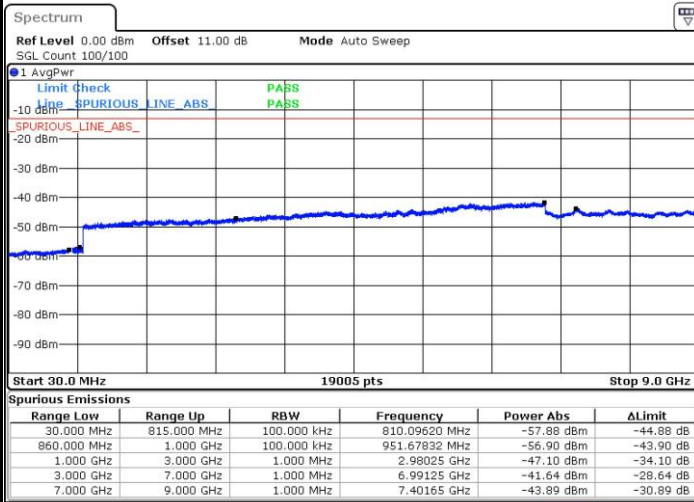


Date: 22 SEP 2018 07:27:09



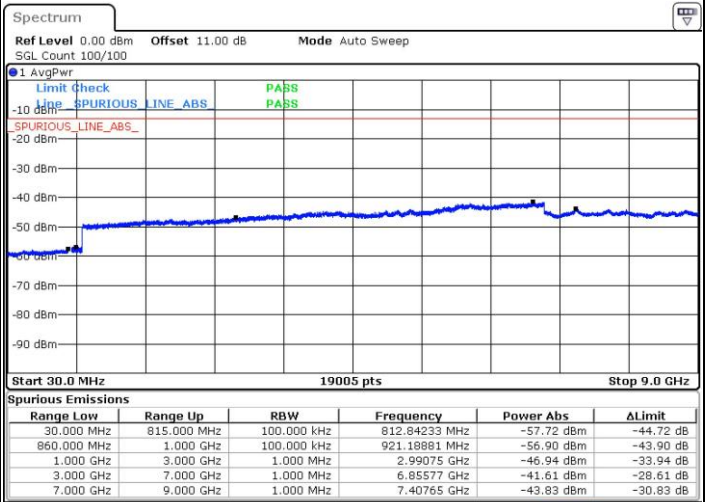
LTE Band 26 / 3MHz

Middle Channel / QPSK



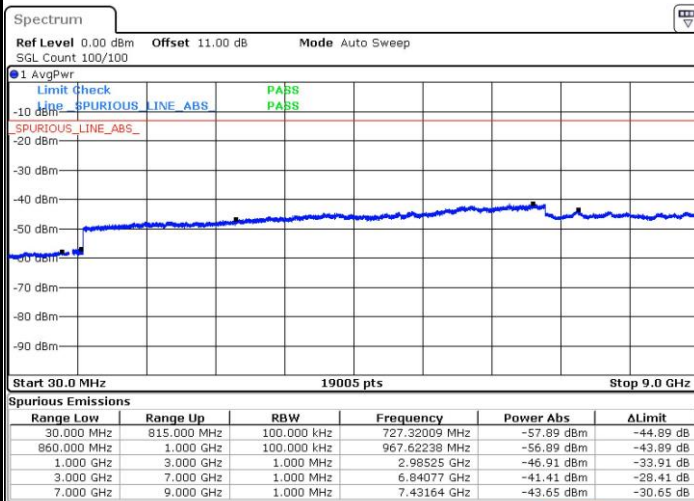
Date: 22 SEP 2018 07:28:44

Middle Channel / 16QAM



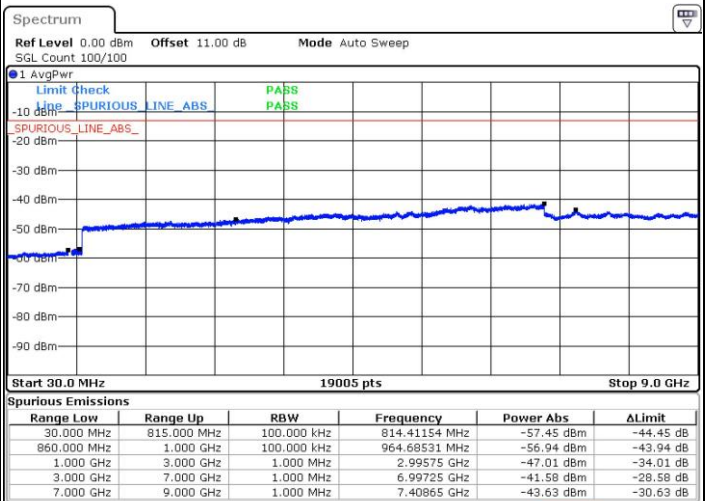
Date: 22 SEP 2018 07:29:34

Highest Channel / QPSK



Date: 22 SEP 2018 07:31:08

Highest Channel / 16QAM

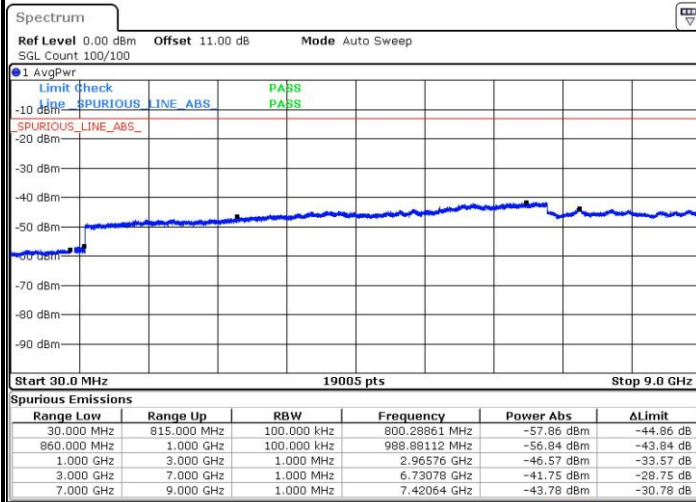


Date: 22 SEP 2018 07:31:58



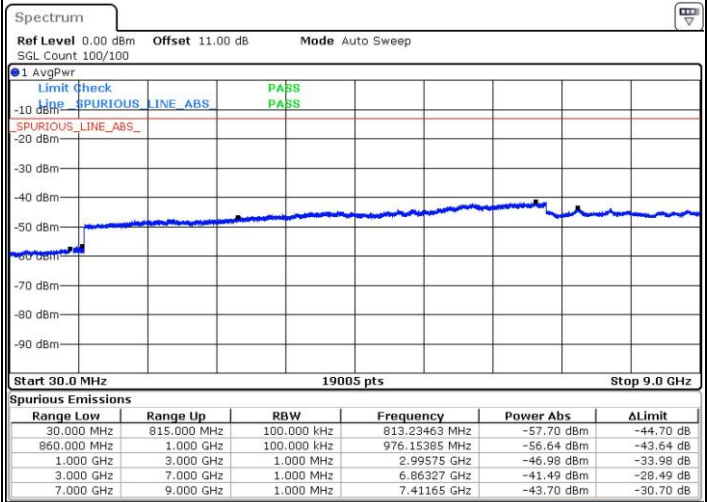
LTE Band 26 / 5MHz

Lowest Channel / QPSK



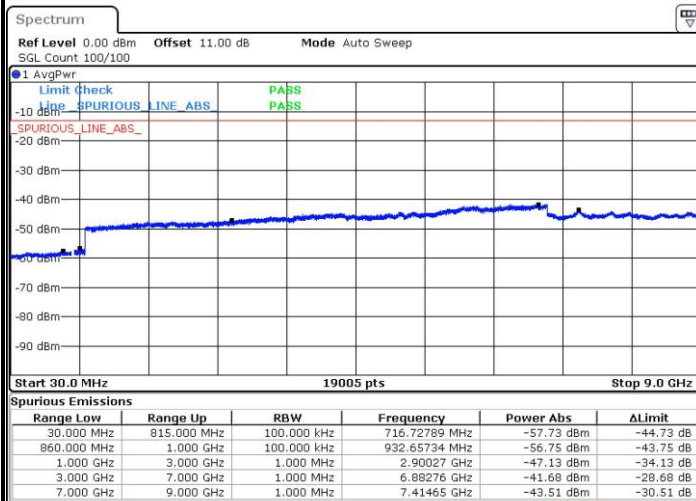
Date: 22 SEP 2018 07:33:36

Lowest Channel / 16QAM



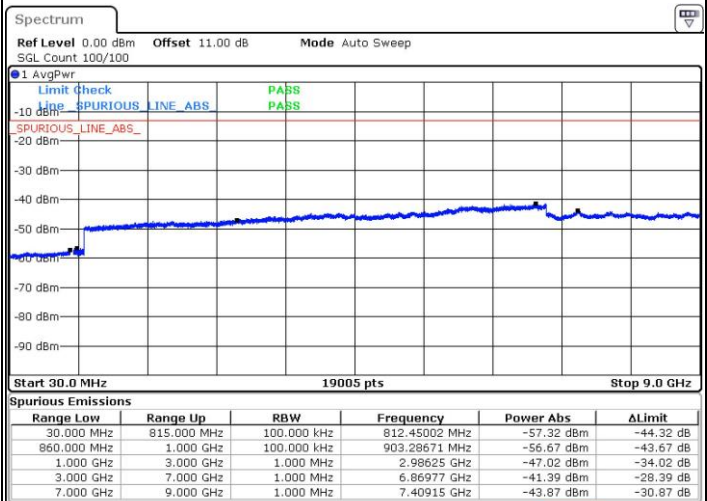
Date: 22 SEP 2018 07:34:26

Middle Channel / QPSK



Date: 22 SEP 2018 07:36:00

Middle Channel / 16QAM

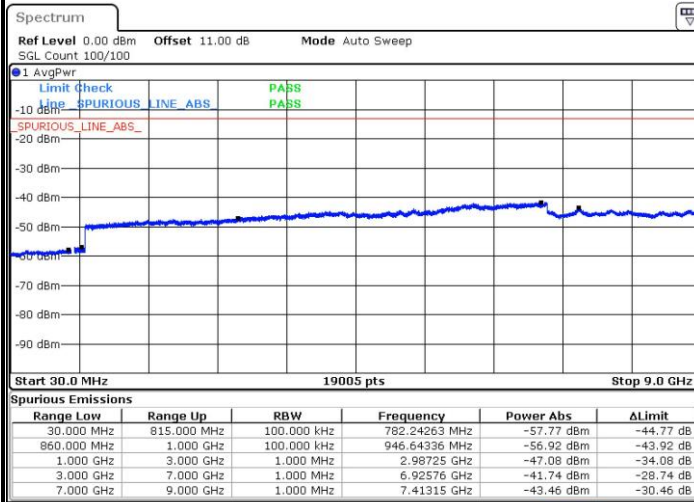


Date: 22 SEP 2018 07:36:50



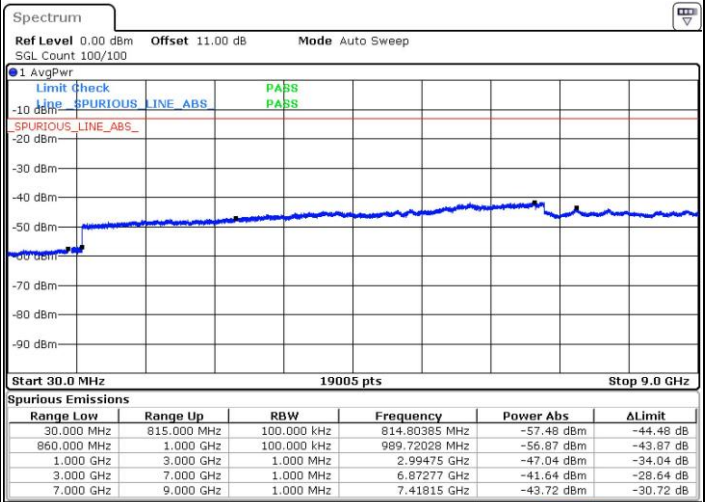
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 22 SEP 2018 07:38:25

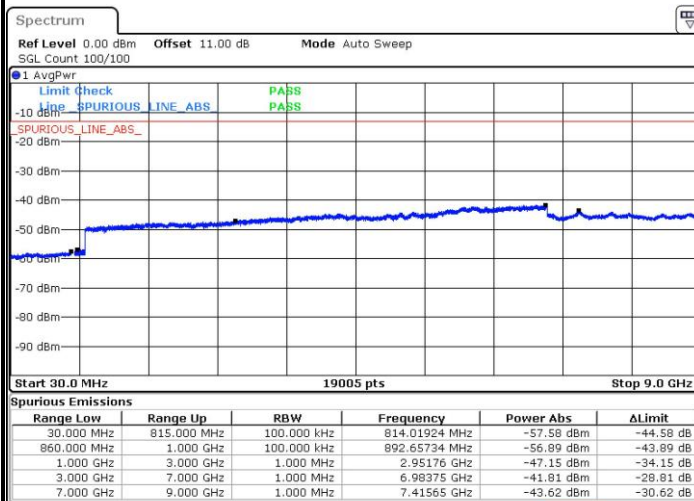
Highest Channel / 16QAM



Date: 22 SEP 2018 07:39:15

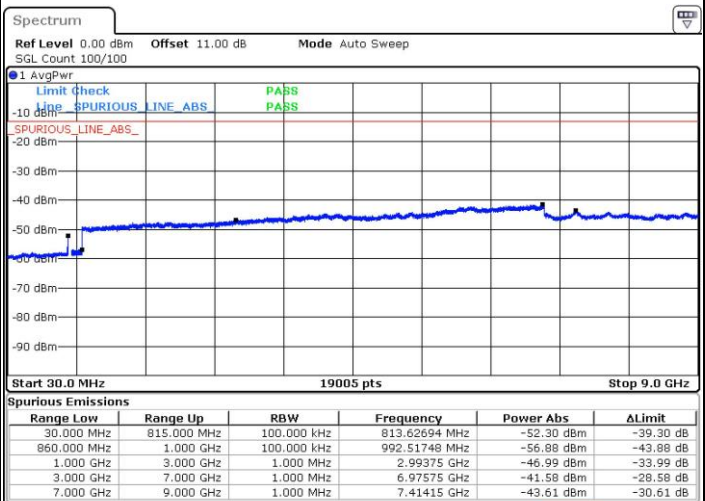
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 22 SEP 2018 07:40:49

Lowest Channel / 16QAM

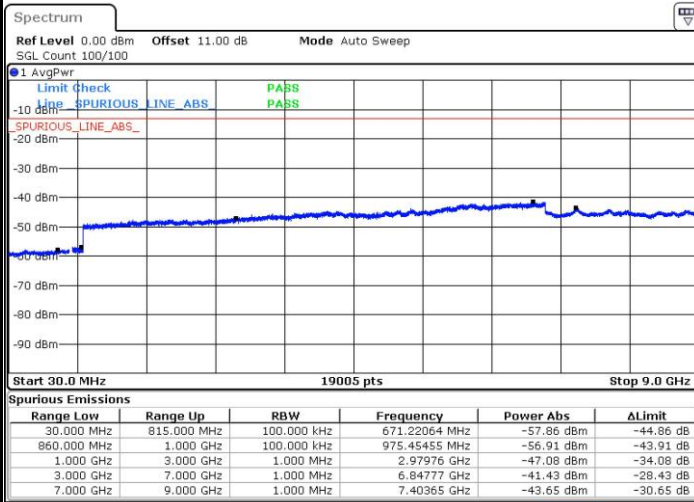


Date: 22 SEP 2018 07:41:39



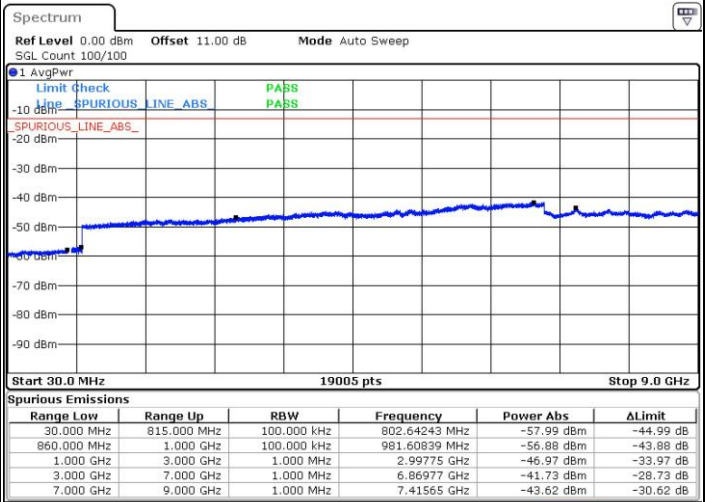
LTE Band 26 / 10MHz

Middle Channel / QPSK



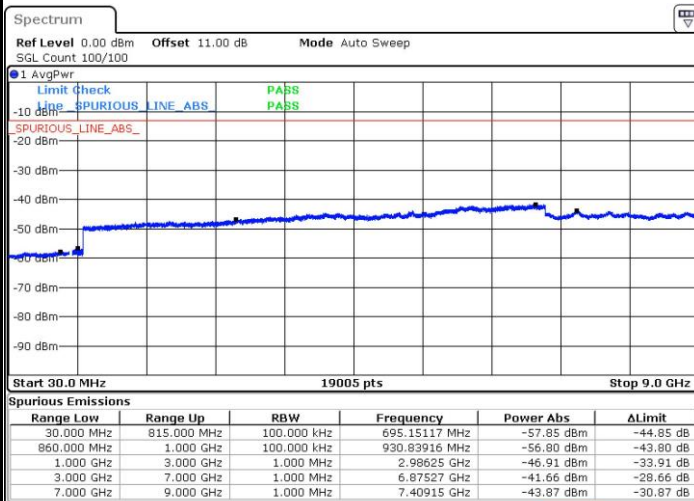
Date: 22 SEP 2018 07:43:13

Middle Channel / 16QAM



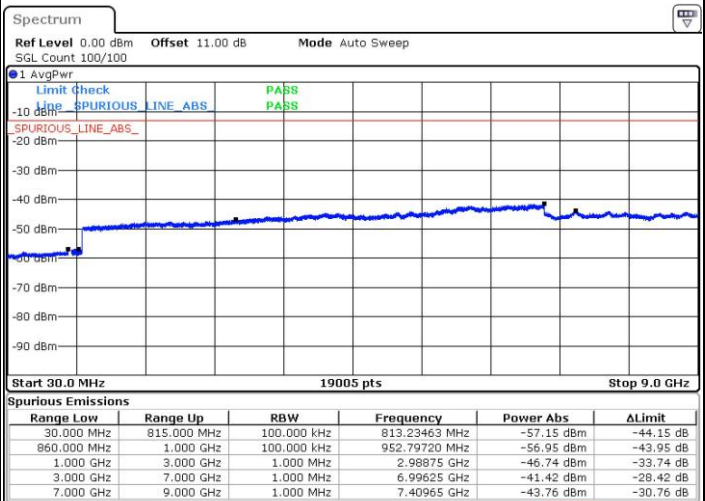
Date: 22 SEP 2018 07:44:03

Highest Channel / QPSK



Date: 22 SEP 2018 07:45:38

Highest Channel / 16QAM

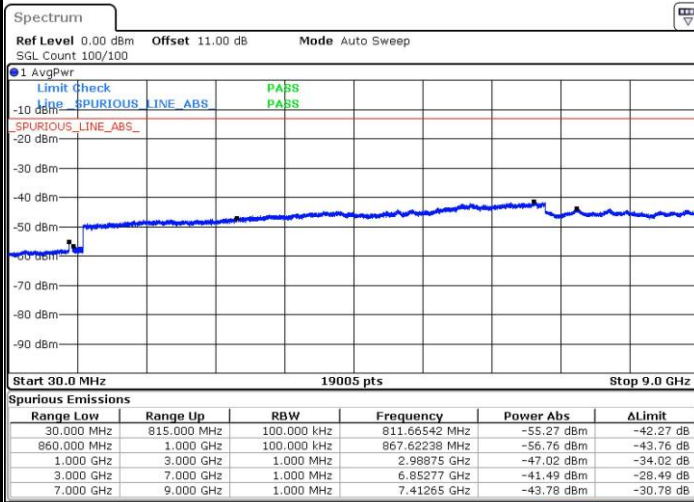


Date: 22 SEP 2018 07:46:28



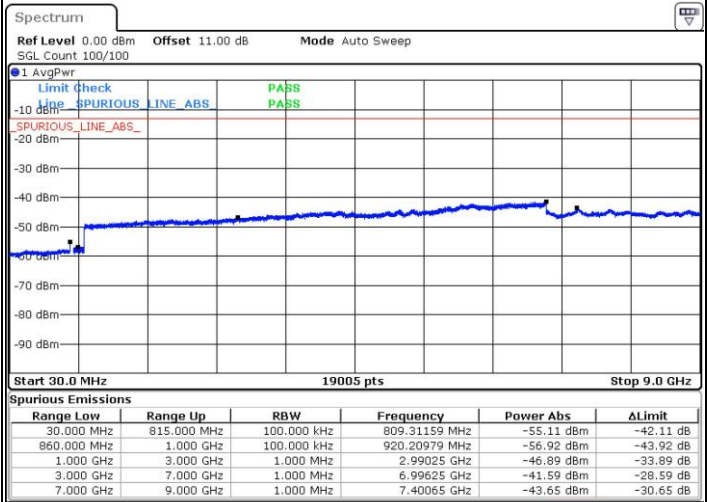
LTE Band 26 / 15MHz

Lowest Channel / QPSK



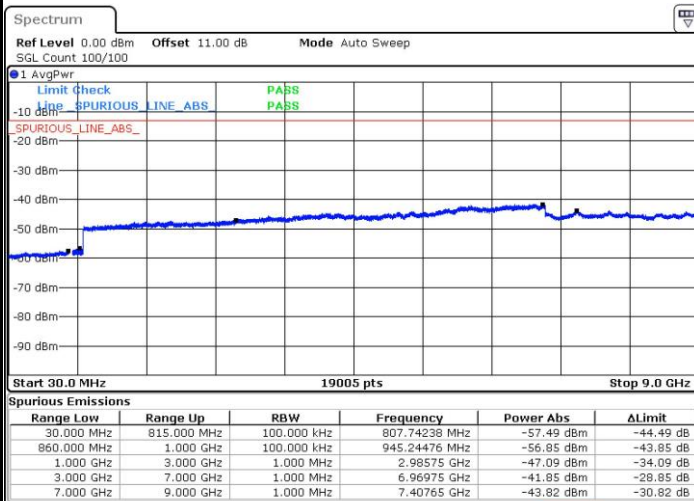
Date: 22 SEP 2018 07:48:02

Lowest Channel / 16QAM



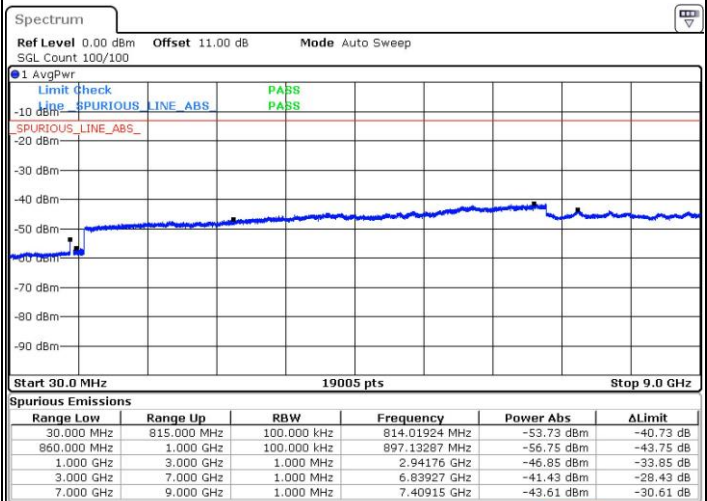
Date: 22 SEP 2018 07:48:52

Middle Channel / QPSK



Date: 22 SEP 2018 07:50:26

Middle Channel / 16QAM

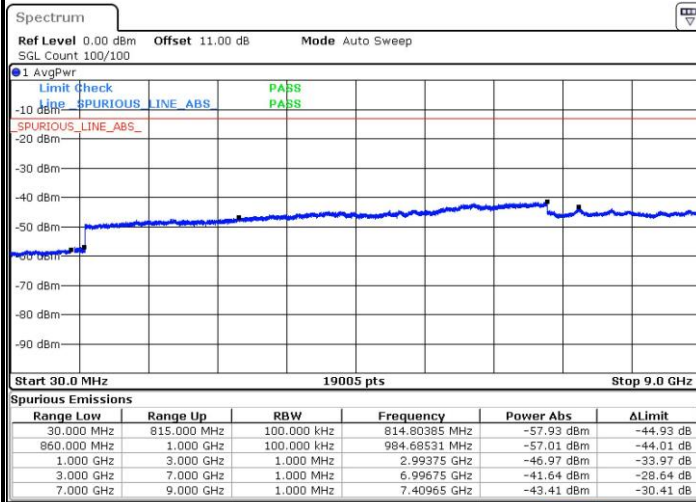


Date: 22 SEP 2018 07:51:16



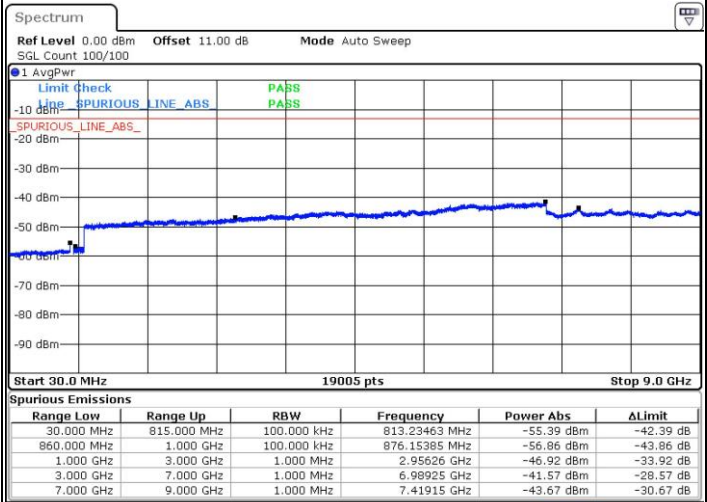
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 22 SEP.2018 07:52:51

Highest Channel / 16QAM



Date: 22 SEP.2018 07:53:40

Frequency Stability

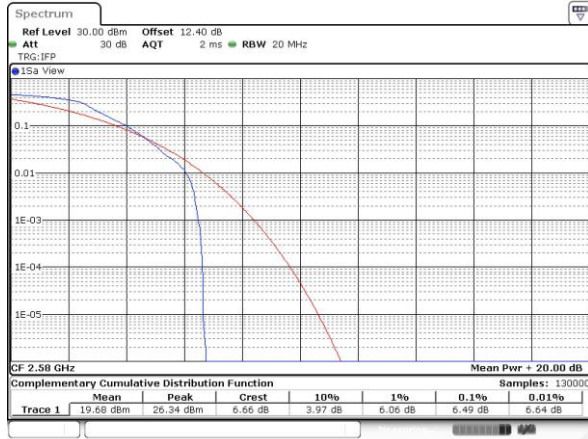
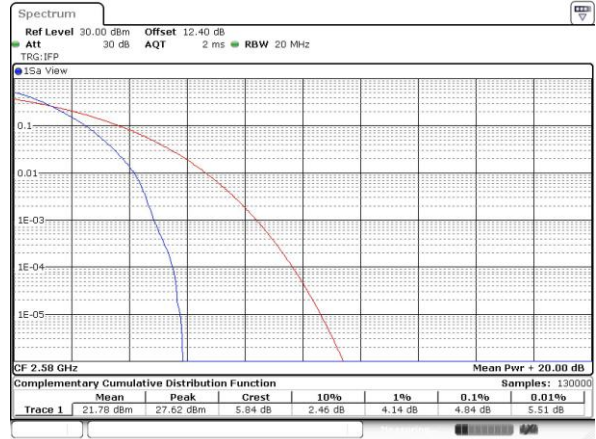
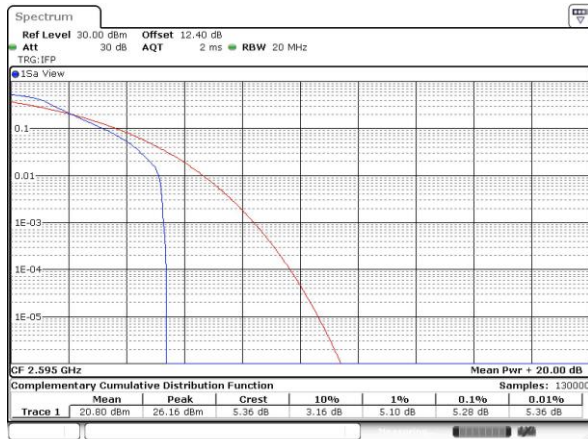
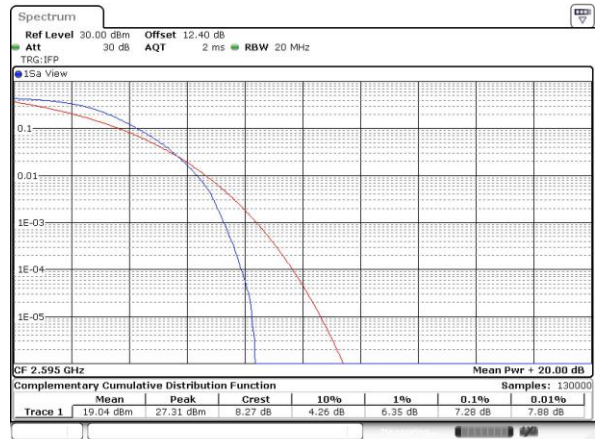
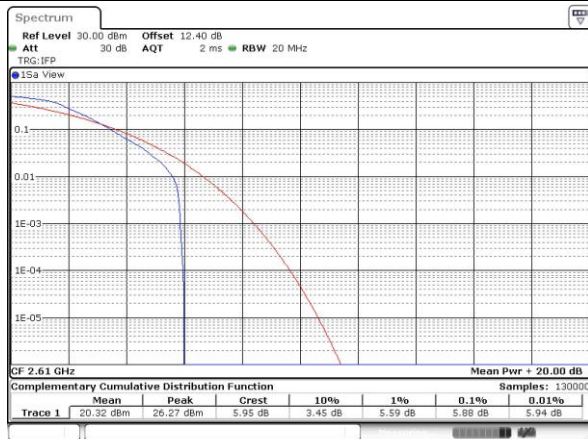
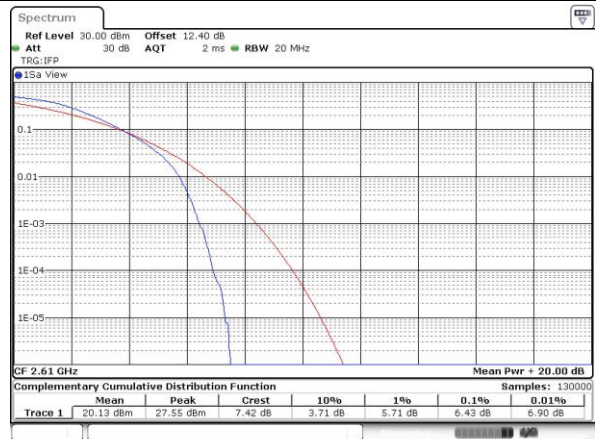
Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0047	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0077	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

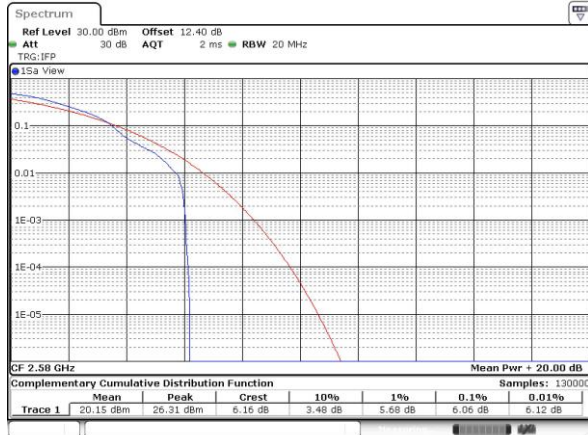
Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

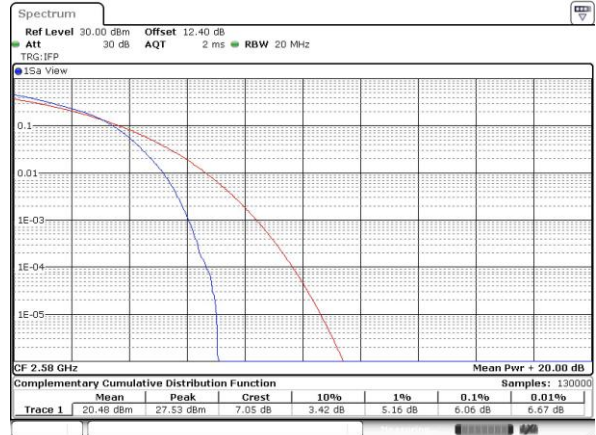
**LTE Band 38****Peak-to-Average Ratio**

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.49	4.84	6.06	6.06	PASS
Middle CH	5.28	7.28	6.75	6.78	
Highest CH	5.88	6.43	6.12	7.8	

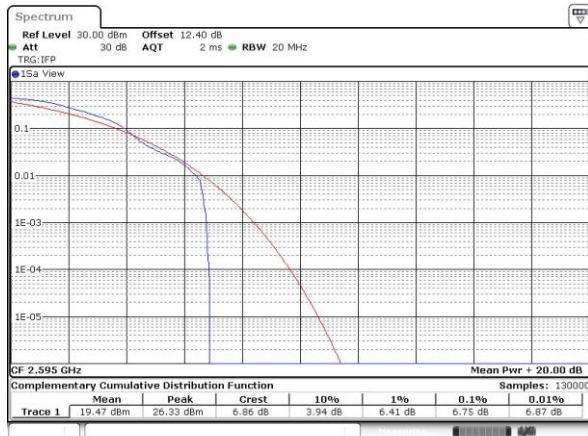
LTE Band 38 / 20MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


LTE Band 38 / 20MHz / 16QAM
Lowest Channel / 1RB


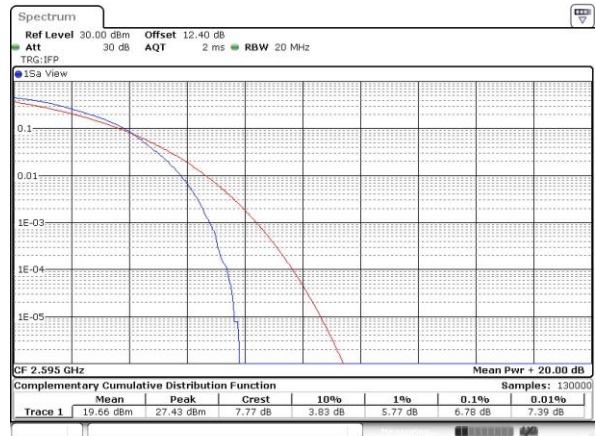
Date: 22 SEP 2018 03:33:22

Lowest Channel / Full RB


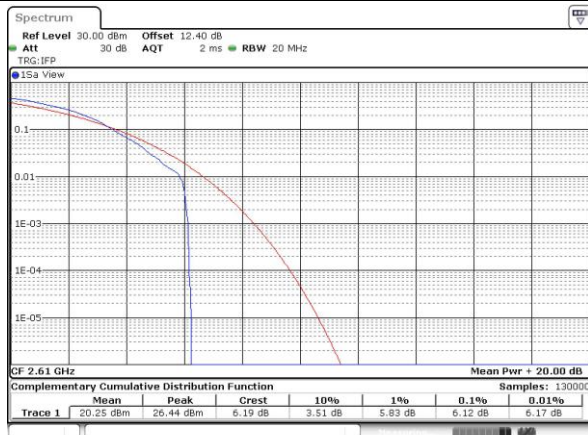
Date: 22 SEP 2018 03:28:54

Middle Channel / 1RB


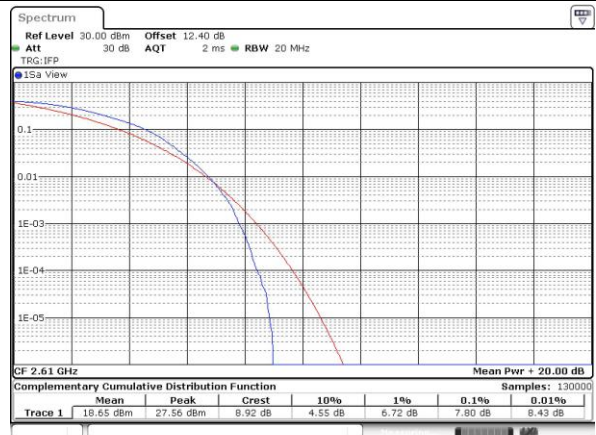
Date: 22 SEP 2018 03:27:25

Middle Channel / Full RB


Date: 22 SEP 2018 03:28:13

Highest Channel / 1RB


Date: 22 SEP 2018 03:29:09

Highest Channel / Full RB


Date: 22 SEP 2018 03:29:37



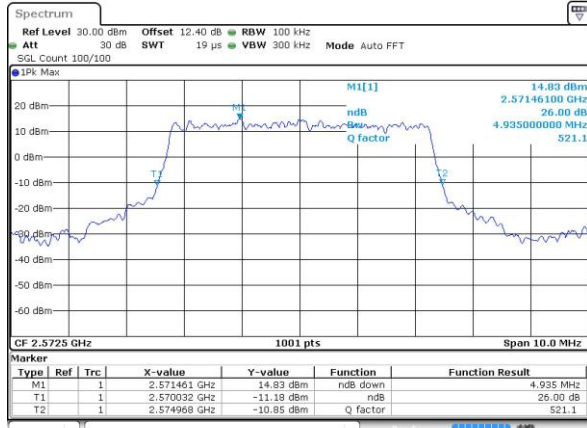
26dB Bandwidth

Mode BW Mod.	LTE Band 38 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.94	4.92	9.63	9.63	14.18	14.33	20.22	20.22
Middle CH	-	-	-	-	4.85	4.79	9.63	9.81	14.21	14.21	20.26	20.10
Highest CH	-	-	-	-	4.98	4.85	9.61	10.03	14.36	14.21	20.38	20.22



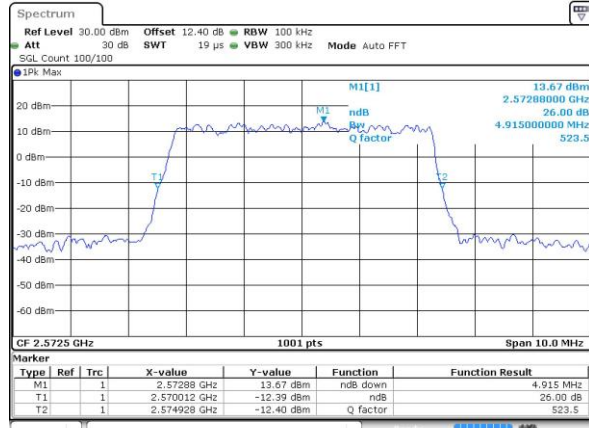
LTE Band 38

Lowest Channel / 5MHz / QPSK



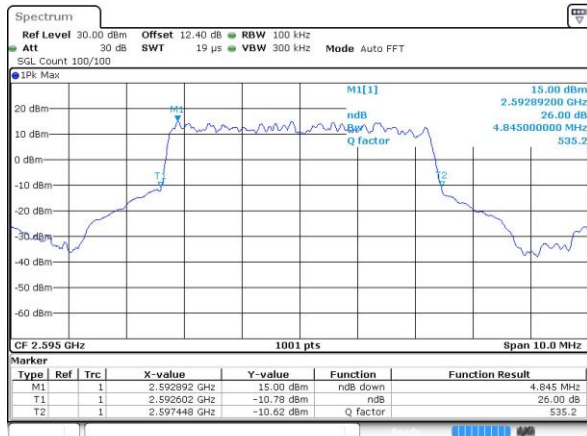
Date: 22 SEP 2018 03:16:43

Lowest Channel / 5MHz / 16QAM



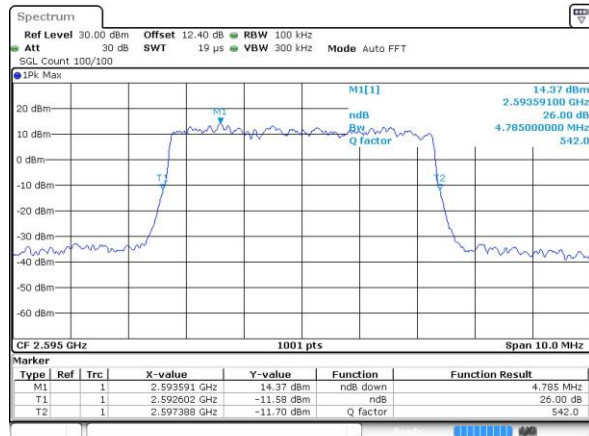
Date: 22 SEP 2018 03:16:54

Middle Channel / 5MHz / QPSK



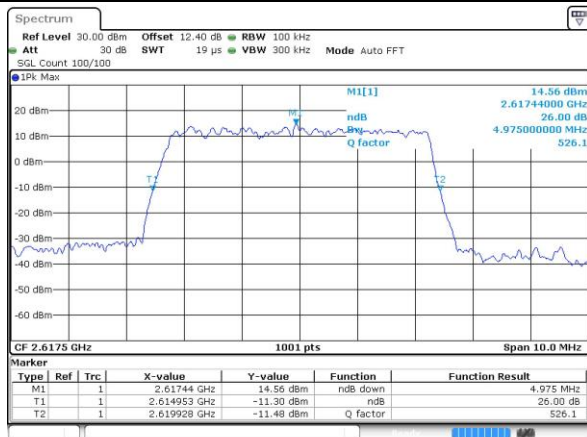
Date: 22 SEP 2018 03:17:28

Middle Channel / 5MHz / 16QAM



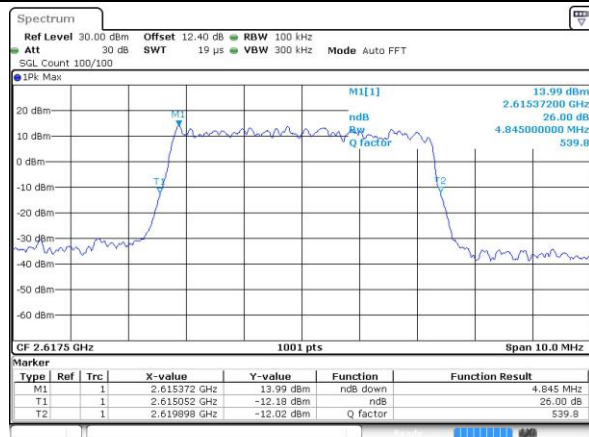
Date: 22 SEP 2018 03:17:40

Highest Channel / 5MHz / QPSK



Date: 22 SEP 2018 03:18:14

Highest Channel / 5MHz / 16QAM

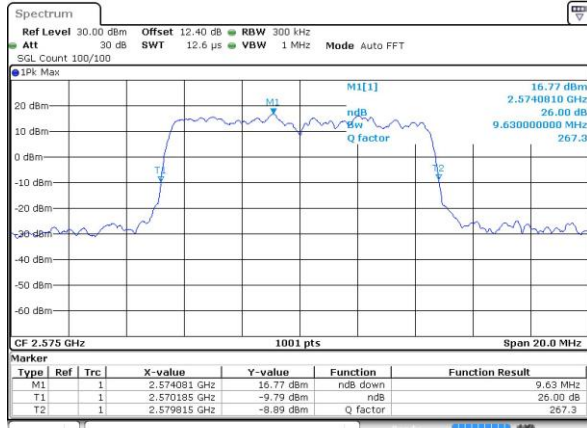


Date: 22 SEP 2018 03:18:25



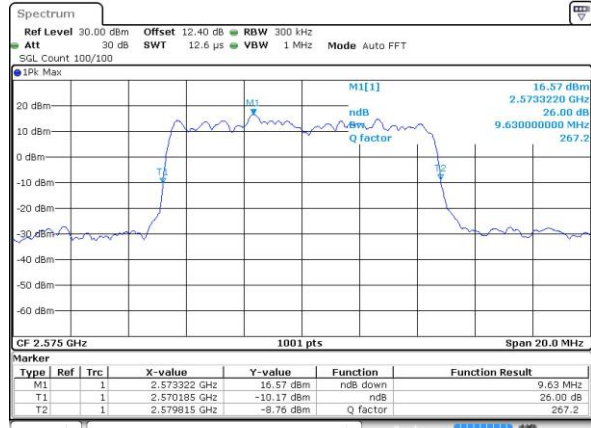
LTE Band 38

Lowest Channel / 10MHz / QPSK



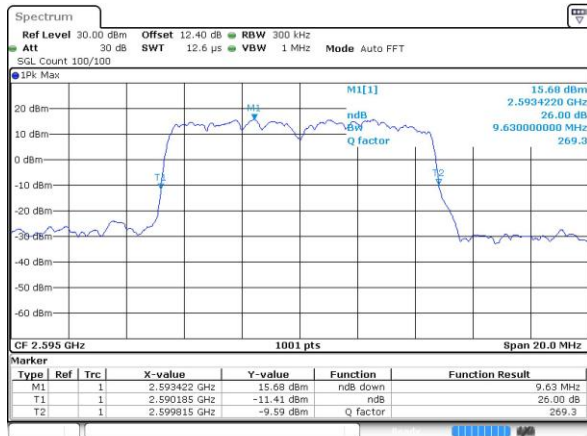
Date: 22 SEP 2018 03:18:59

Lowest Channel / 10MHz / 16QAM



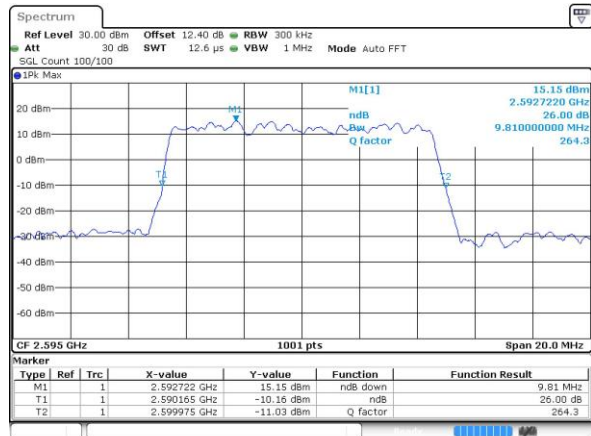
Date: 22 SEP 2018 03:19:10

Middle Channel / 10MHz / QPSK



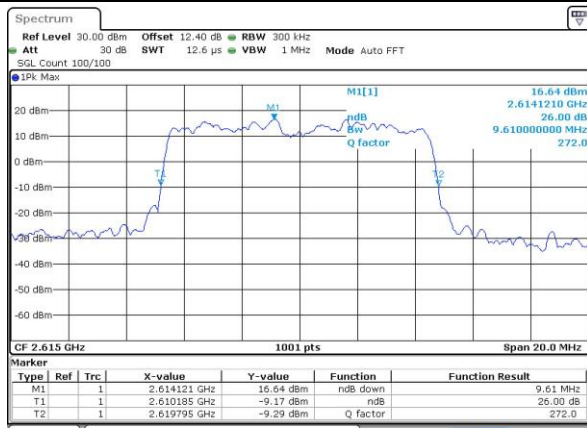
Date: 22 SEP 2018 03:19:44

Middle Channel / 10MHz / 16QAM



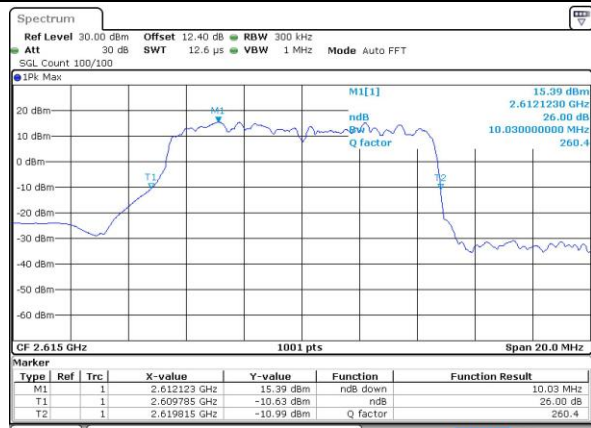
Date: 22 SEP 2018 03:19:55

Highest Channel / 10MHz / QPSK



Date: 22 SEP 2018 03:20:28

Highest Channel / 10MHz / 16QAM

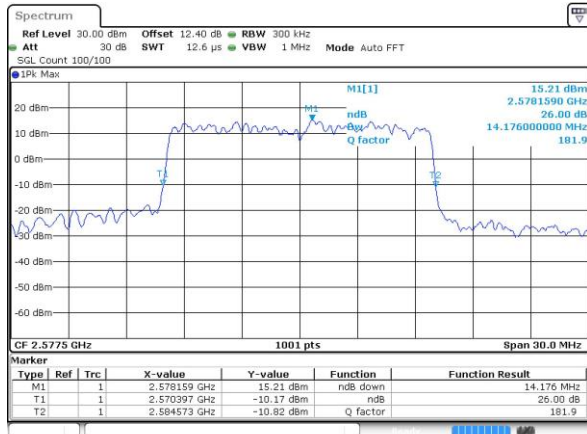


Date: 22 SEP 2018 03:20:39



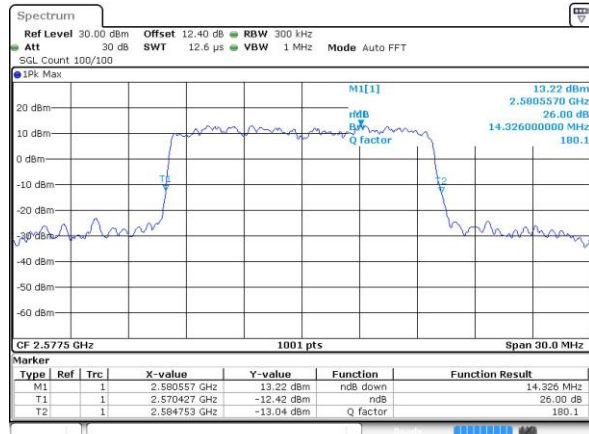
LTE Band 38

Lowest Channel / 15MHz / QPSK



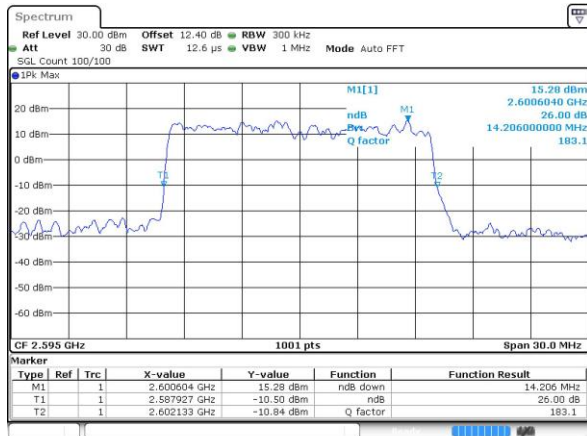
Date: 22 SEP 2018 03:21:12

Lowest Channel / 15MHz / 16QAM



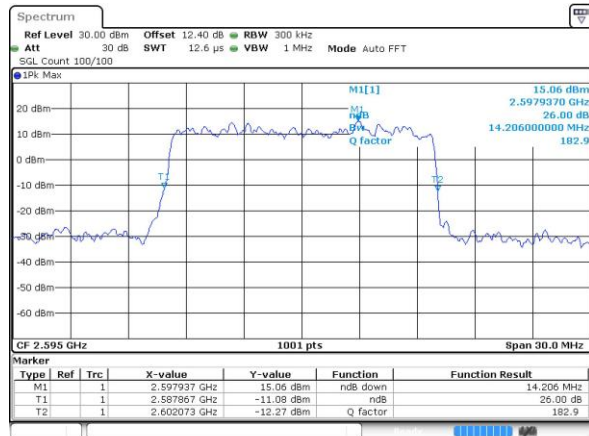
Date: 22 SEP 2018 03:21:23

Middle Channel / 15MHz / QPSK



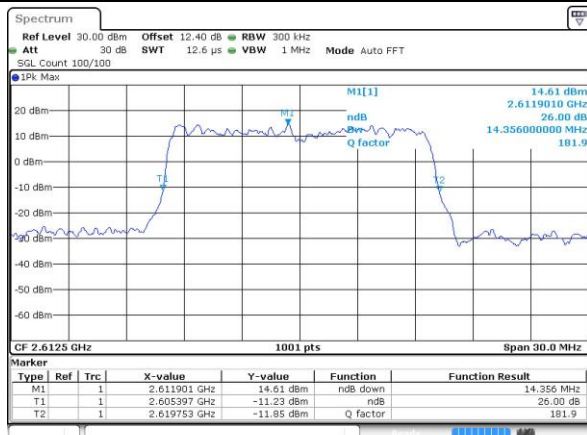
Date: 22 SEP 2018 03:21:57

Middle Channel / 15MHz / 16QAM



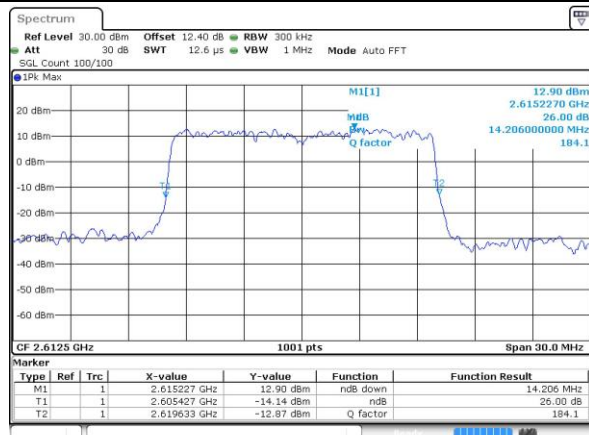
Date: 22 SEP 2018 03:22:08

Highest Channel / 15MHz / QPSK



Date: 22 SEP 2018 03:22:41

Highest Channel / 15MHz / 16QAM

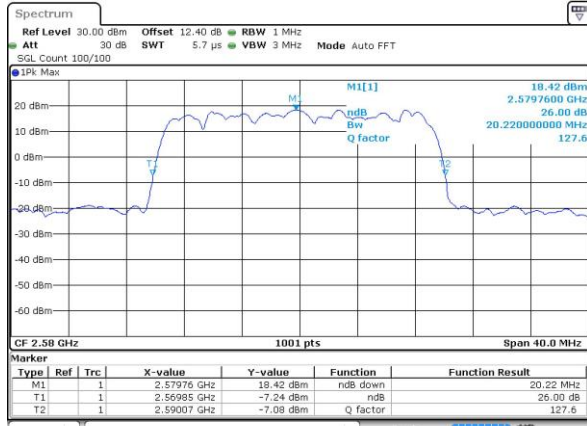


Date: 22 SEP 2018 03:22:52



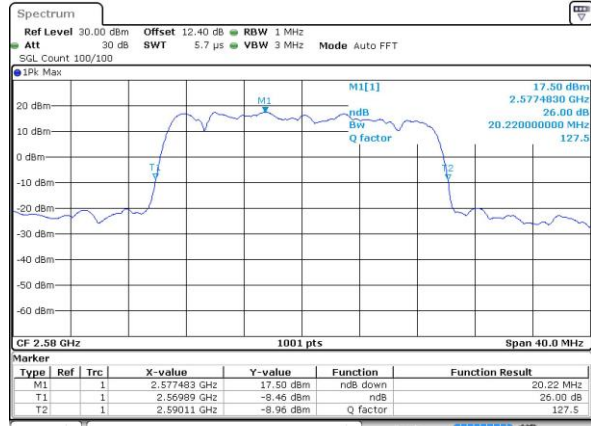
LTE Band 38

Lowest Channel / 20MHz / QPSK



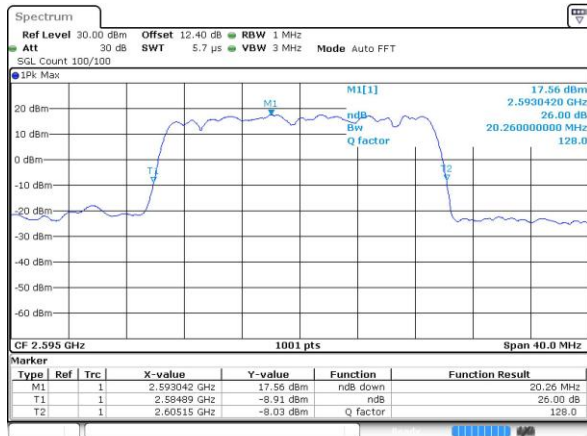
Date: 22 SEP 2018 03:23:26

Lowest Channel / 20MHz / 16QAM



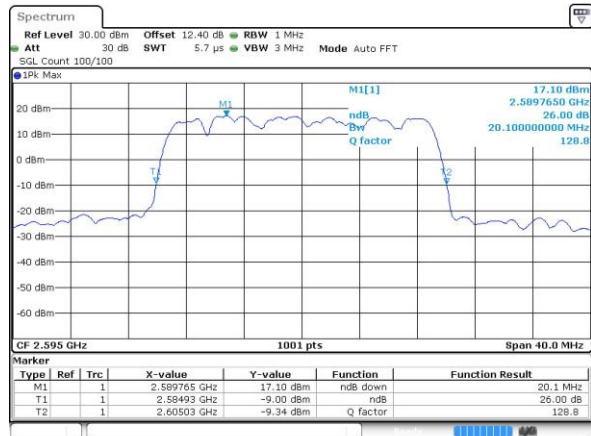
Date: 22 SEP 2018 03:23:37

Middle Channel / 20MHz / QPSK



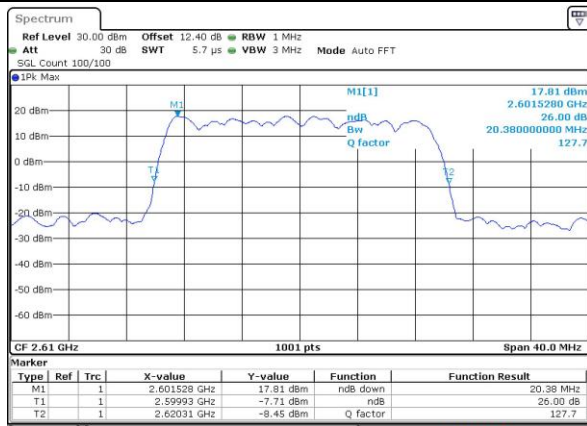
Date: 22 SEP 2018 03:24:10

Middle Channel / 20MHz / 16QAM



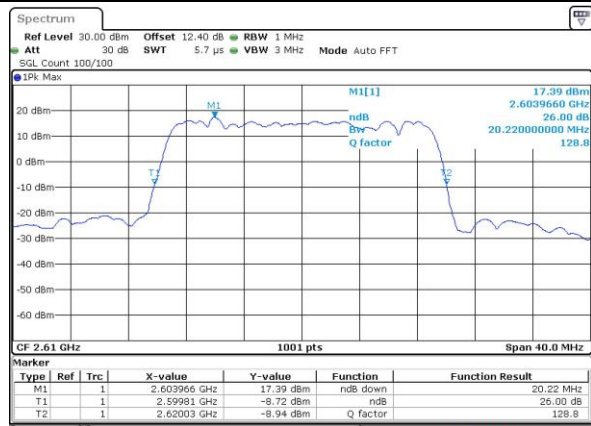
Date: 22 SEP 2018 03:24:21

Highest Channel / 20MHz / QPSK



Date: 22 SEP 2018 03:24:55

Highest Channel / 20MHz / 16QAM



Date: 22 SEP 2018 03:25:06



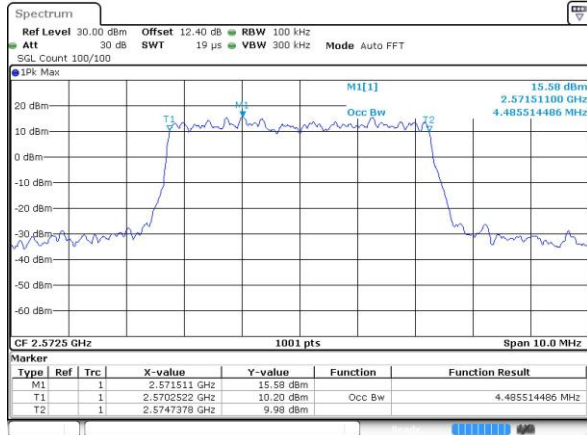
Occupied Bandwidth

Mode BW Mod.	LTE Band 38 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.5	8.95	9.01	13.4	13.43	18.42	18.3
Middle CH	-	-	-	-	4.47	4.49	9.05	8.99	13.46	13.46	18.3	18.34
Highest CH	-	-	-	-	4.47	4.5	9.09	9.01	13.43	13.61	18.3	18.5



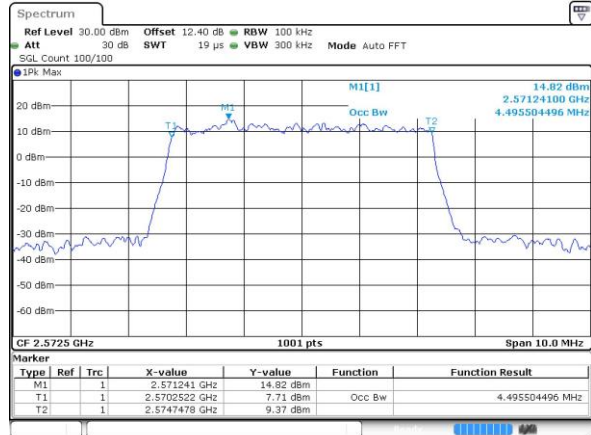
LTE Band 38

Lowest Channel / 5MHz / QPSK



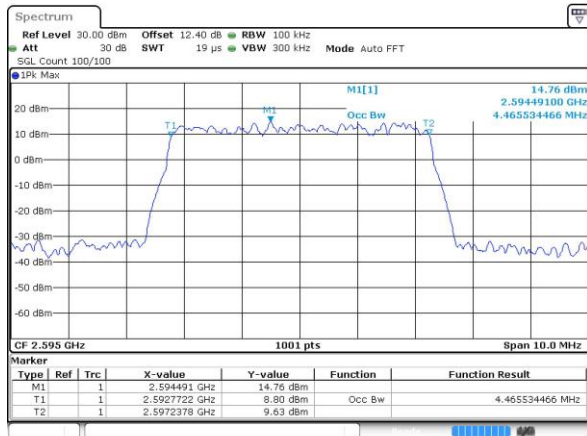
Date: 22 SEP 2018 03:16:20

Lowest Channel / 5MHz / 16QAM



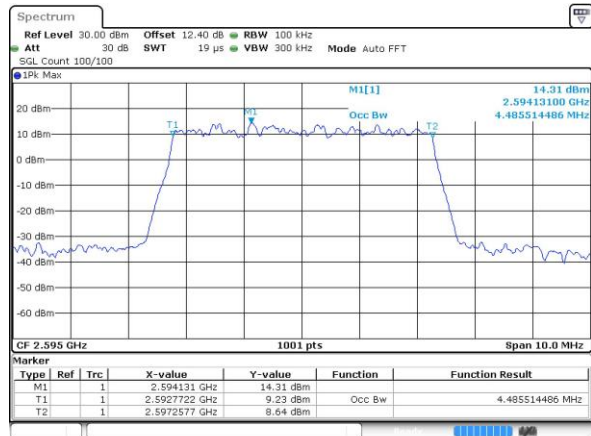
Date: 22 SEP 2018 03:16:32

Middle Channel / 5MHz / QPSK



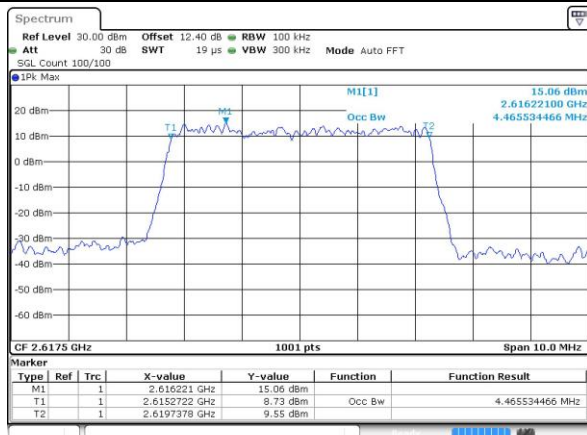
Date: 22 SEP 2018 03:17:06

Middle Channel / 5MHz / 16QAM



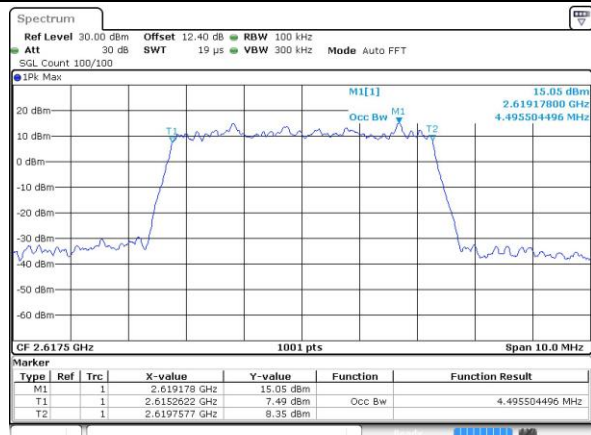
Date: 22 SEP 2018 03:17:17

Highest Channel / 5MHz / QPSK



Date: 22 SEP 2018 03:17:51

Highest Channel / 5MHz / 16QAM

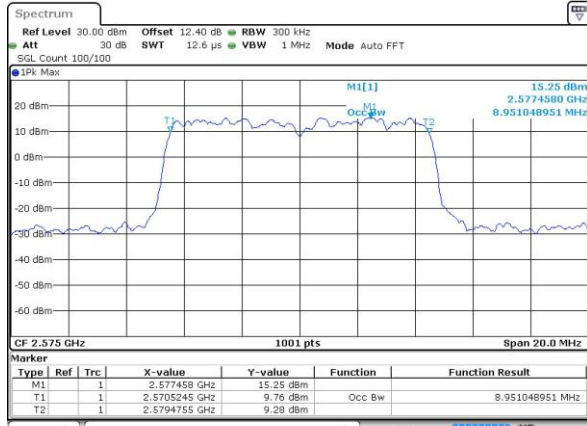


Date: 22 SEP 2018 03:18:02



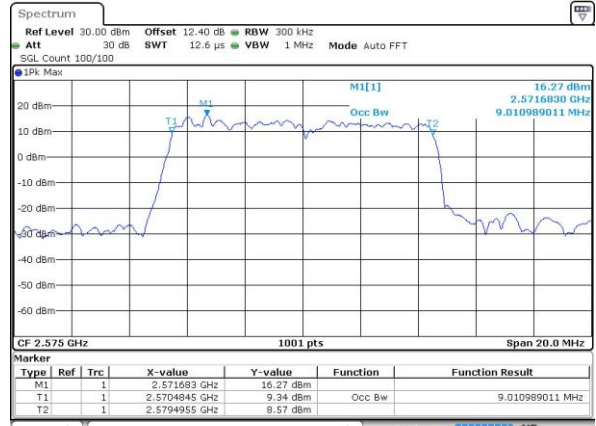
LTE Band 38

Lowest Channel / 10MHz / QPSK



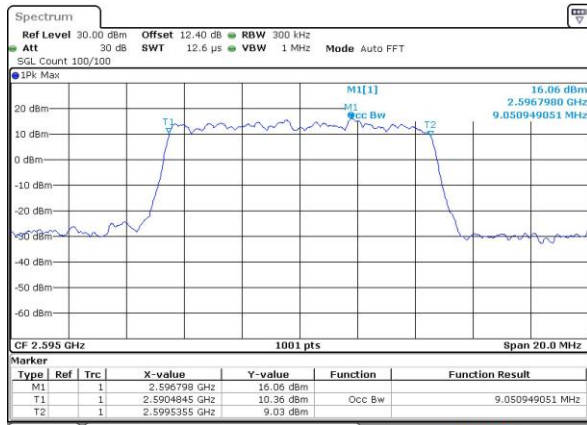
Date: 22 SEP 2018 03:18:36

Lowest Channel / 10MHz / 16QAM



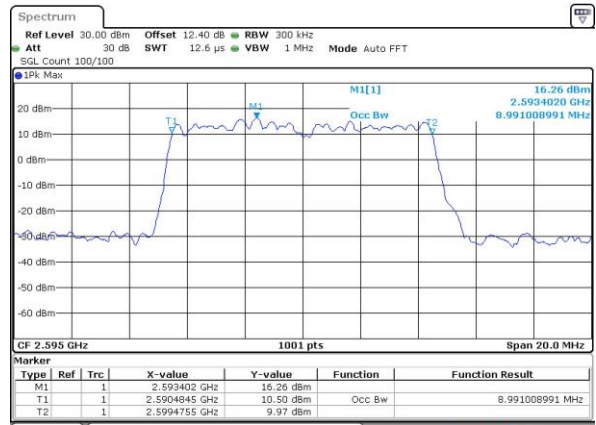
Date: 22 SEP 2018 03:18:48

Middle Channel / 10MHz / QPSK



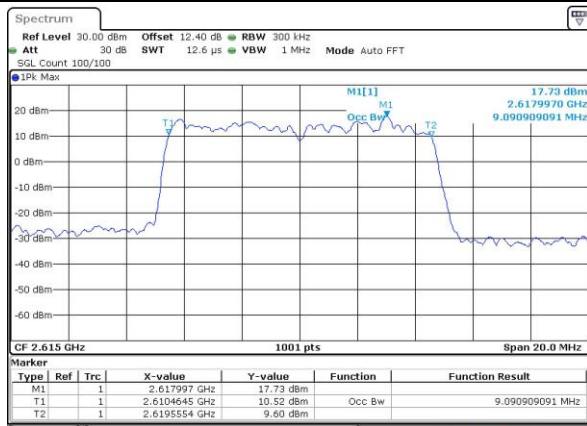
Date: 22 SEP 2018 03:19:21

Middle Channel / 10MHz / 16QAM



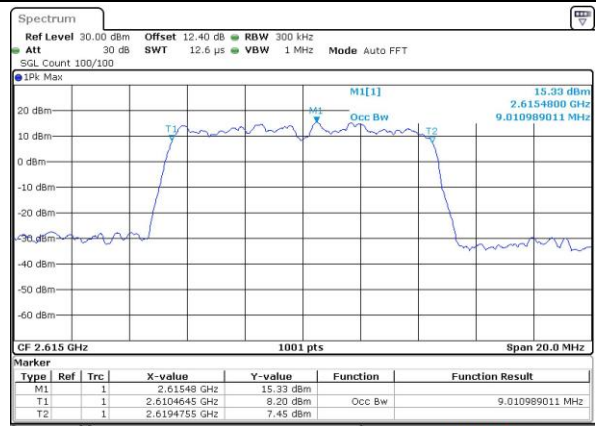
Date: 22 SEP 2018 03:19:32

Highest Channel / 10MHz / QPSK



Date: 22 SEP 2018 03:20:06

Highest Channel / 10MHz / 16QAM

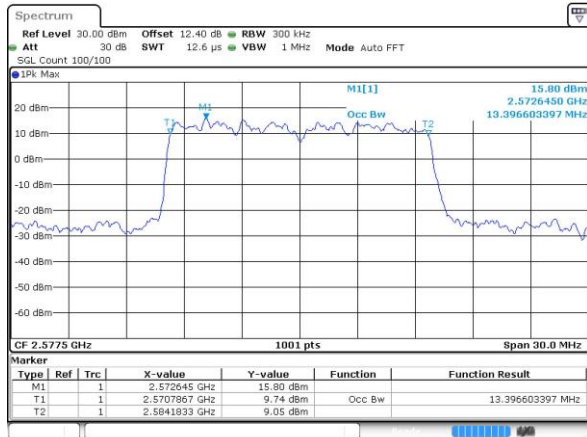


Date: 22 SEP 2018 03:20:17



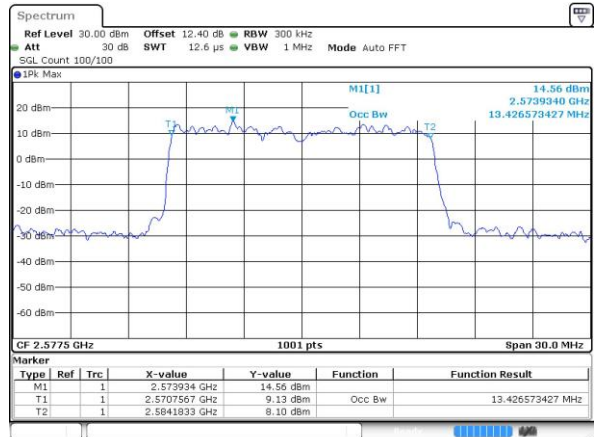
LTE Band 38

Lowest Channel / 15MHz / QPSK



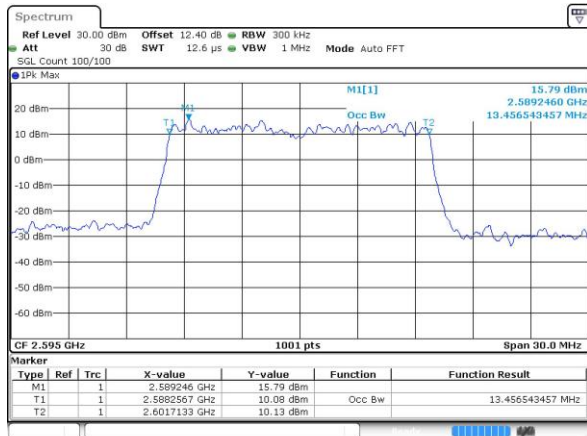
Date: 22 SEP 2018 03:20:50

Lowest Channel / 15MHz / 16QAM



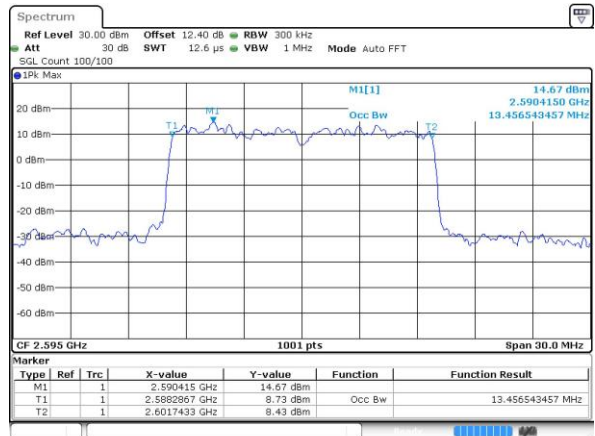
Date: 22 SEP 2018 03:21:01

Middle Channel / 15MHz / QPSK



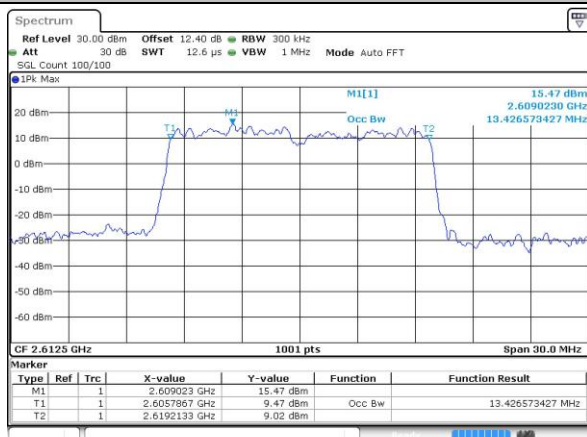
Date: 22 SEP 2018 03:21:34

Middle Channel / 15MHz / 16QAM



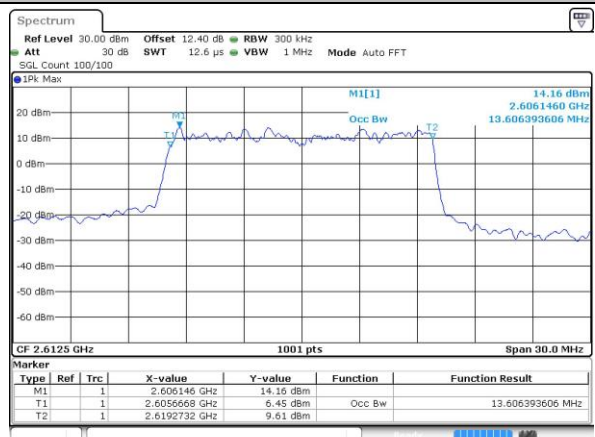
Date: 22 SEP 2018 03:21:46

Highest Channel / 15MHz / QPSK



Date: 22 SEP 2018 03:22:19

Highest Channel / 15MHz / 16QAM



Date: 22 SEP 2018 03:22:30