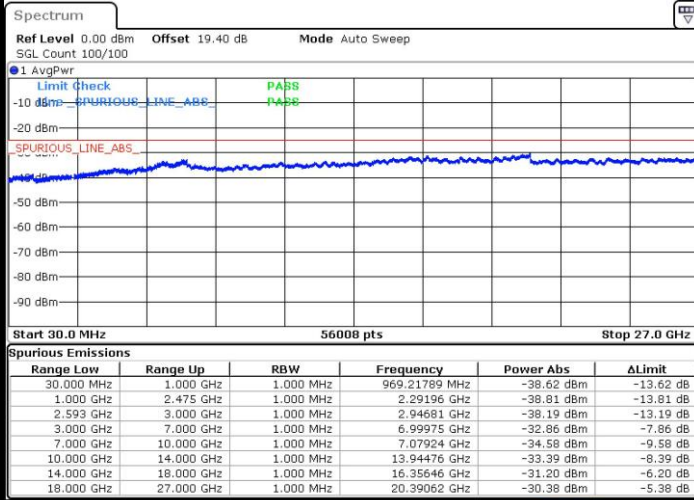




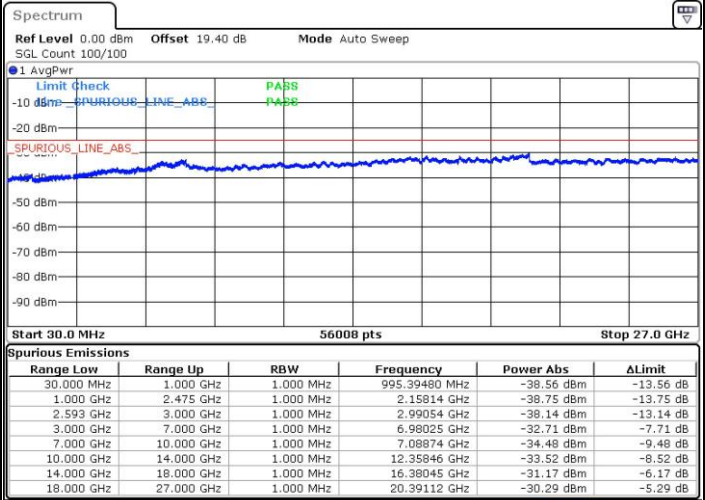
LTE Band 41 / 10MHz

Middle Channel / QPSK



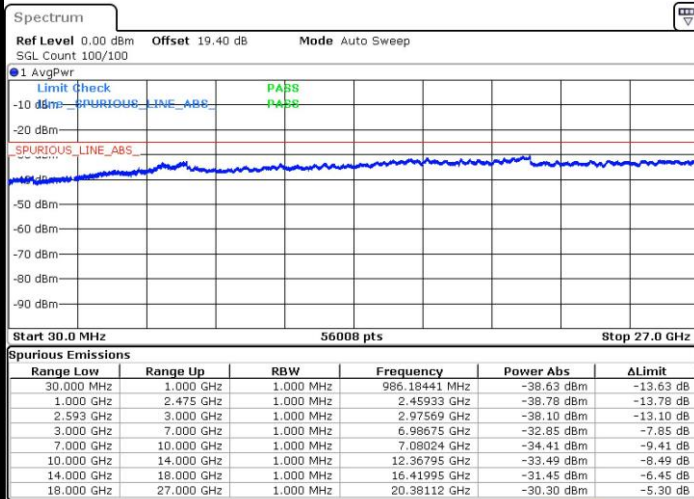
Date: 28.MAY.2018 21:00:27

Middle Channel / 16QAM



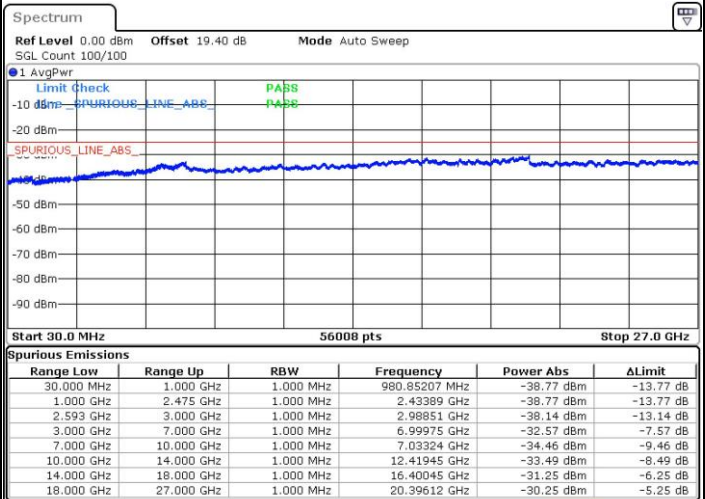
Date: 28.MAY.2018 21:01:13

Highest Channel / QPSK



Date: 28.MAY.2018 21:09:06

Highest Channel / 16QAM

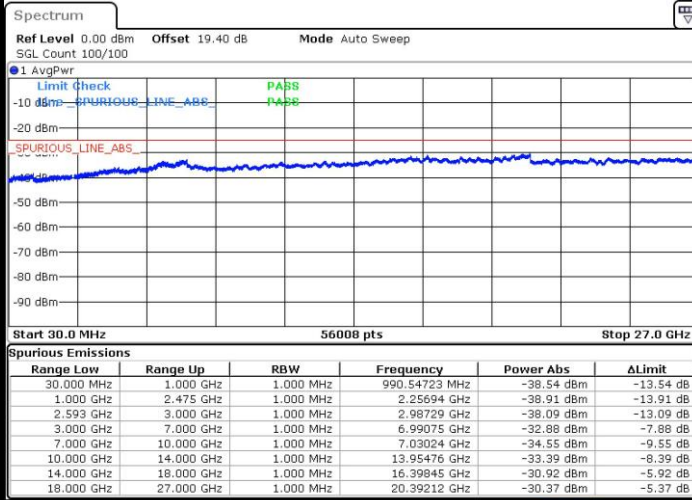


Date: 28.MAY.2018 21:09:53



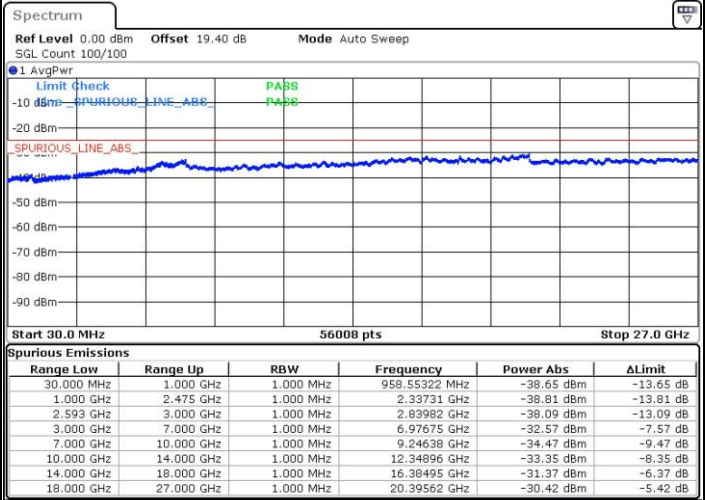
LTE Band 41 / 15MHz

Lowest Channel / QPSK



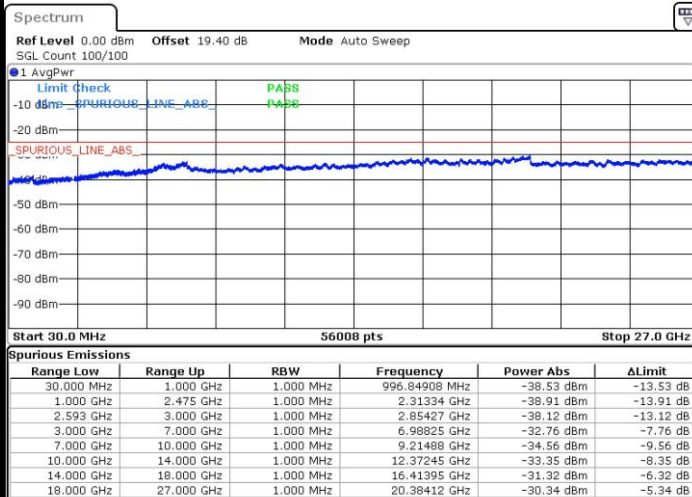
Date: 28.MAY.2018 21:29:03

Lowest Channel / 16QAM



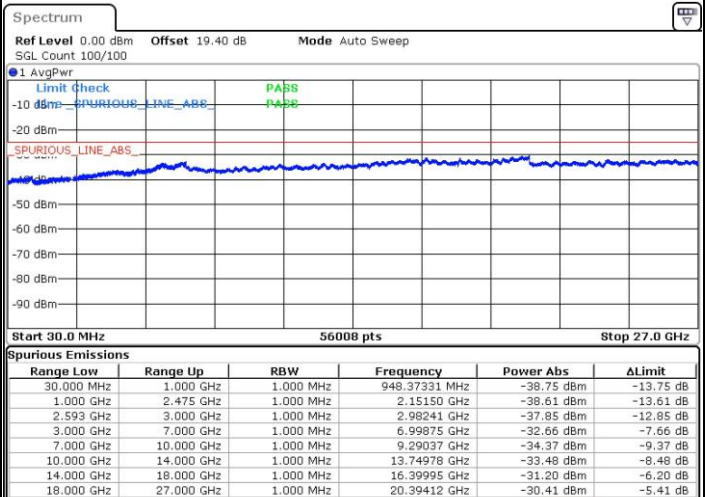
Date: 28.MAY.2018 21:28:03

Middle Channel / QPSK



Date: 28.MAY.2018 21:29:52

Middle Channel / 16QAM

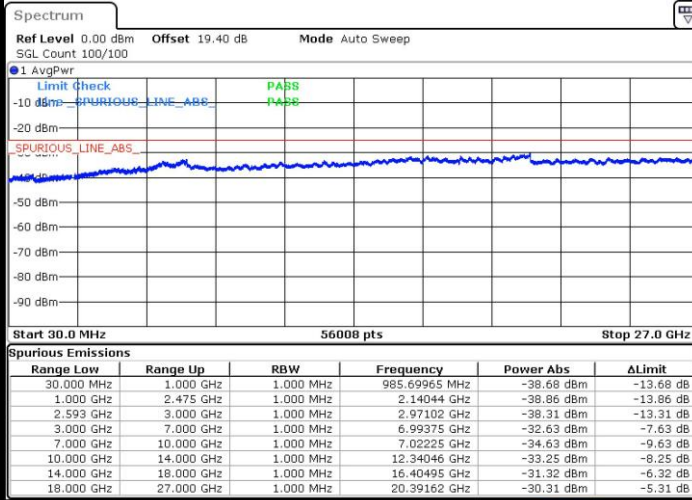


Date: 28.MAY.2018 21:30:36



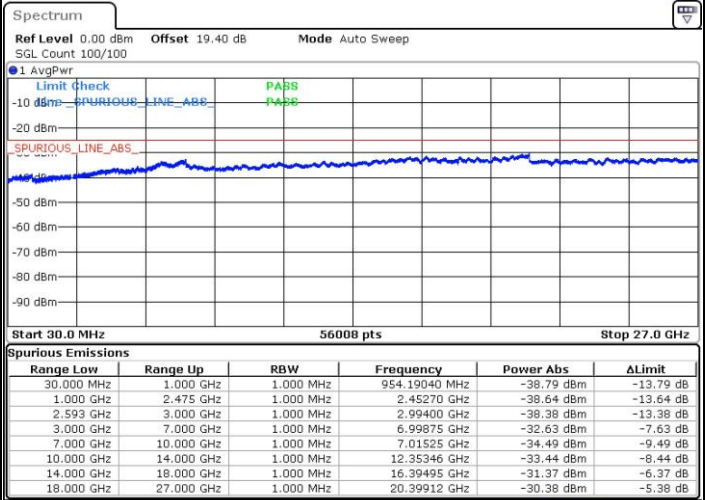
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 28.MAY.2018 21:34:49

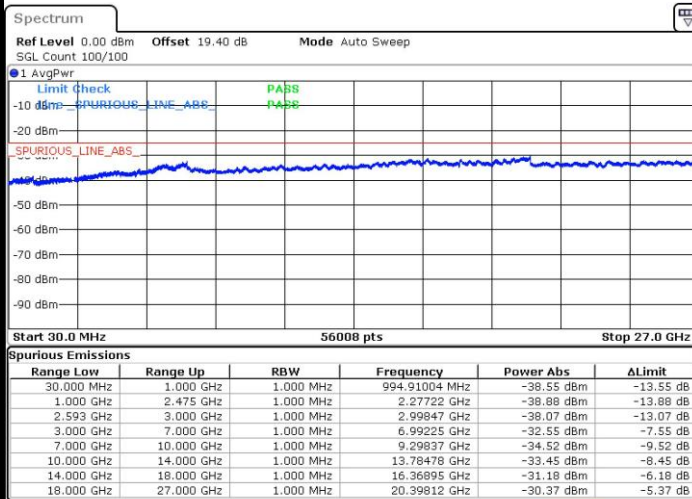
Highest Channel / 16QAM



Date: 28.MAY.2018 21:33:57

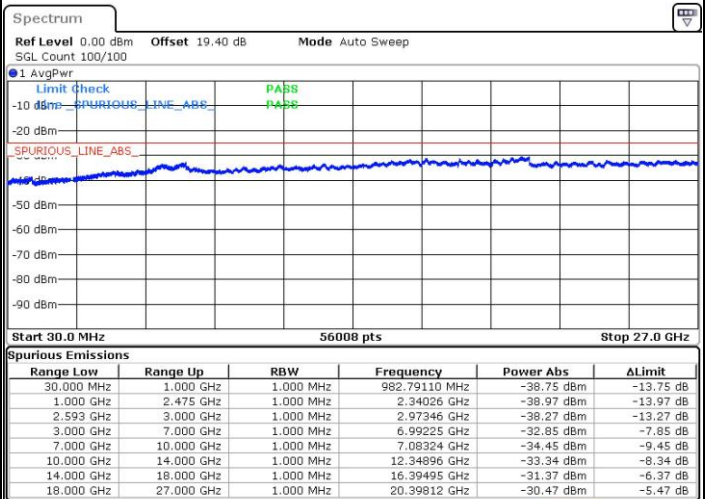
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 28.MAY.2018 22:01:31

Lowest Channel / 16QAM

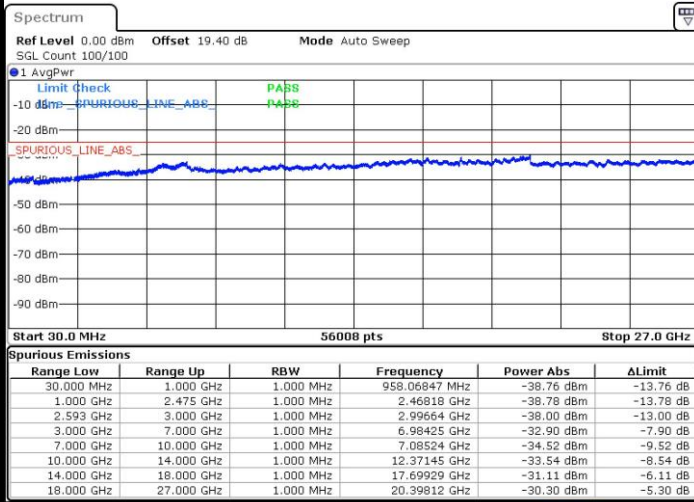


Date: 28.MAY.2018 22:02:19



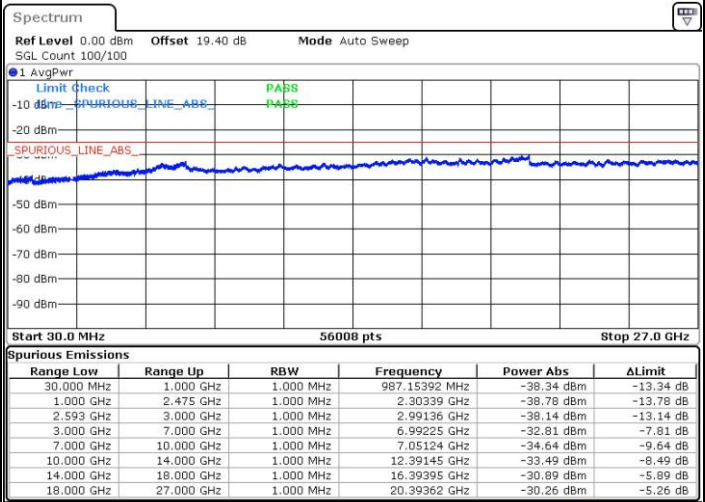
LTE Band 41 / 20MHz

Middle Channel / QPSK



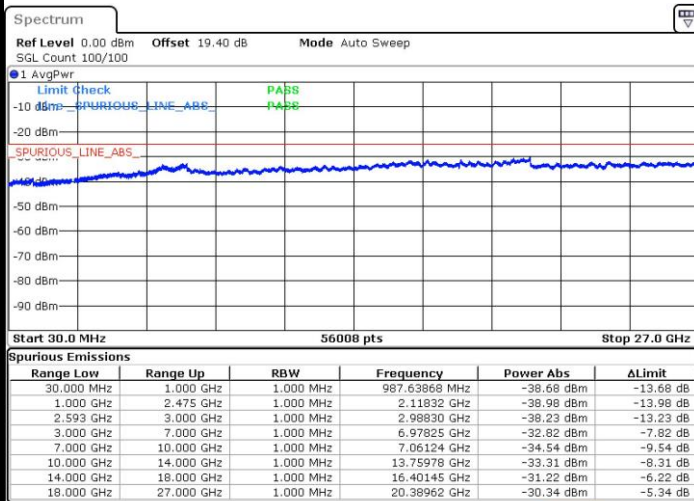
Date: 28.MAY.2018 22:05:56

Middle Channel / 16QAM



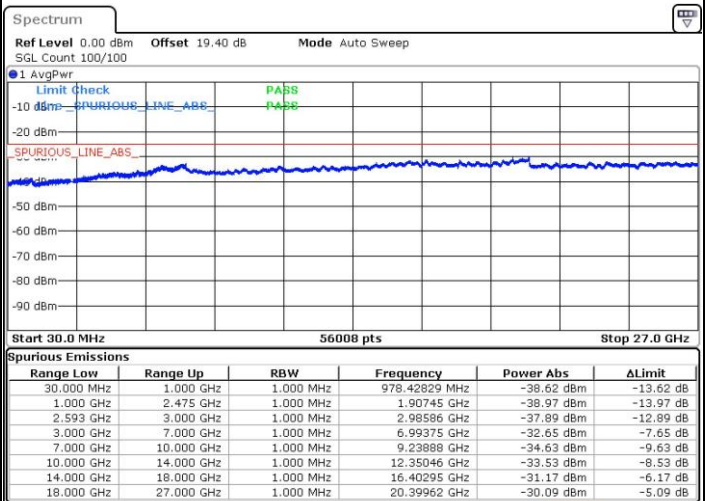
Date: 28.MAY.2018 22:05:05

Highest Channel / QPSK



Date: 28.MAY.2018 22:06:59

Highest Channel / 16QAM

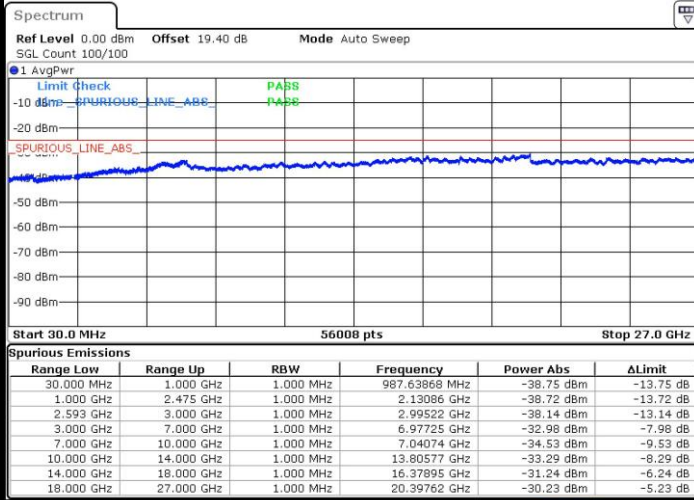


Date: 28.MAY.2018 22:07:49



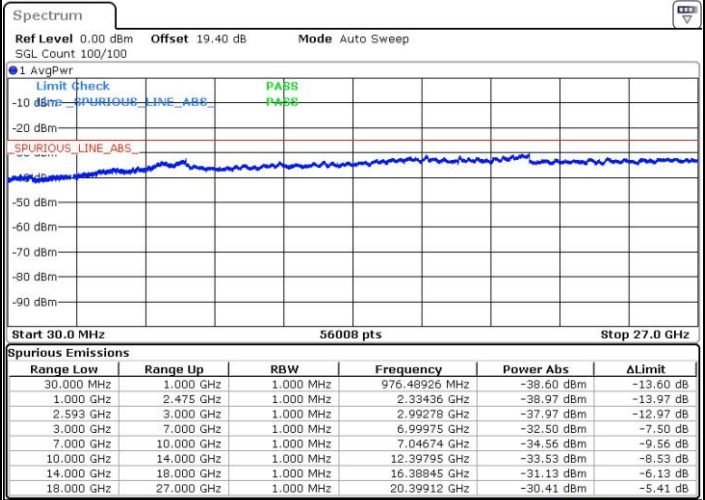
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



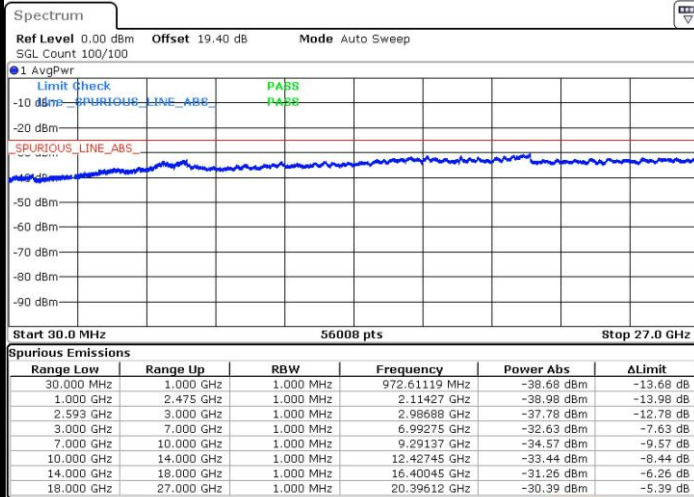
Date: 28.MAY.2018 20:03:33

Middle Channel / 64QAM



Date: 28.MAY.2018 20:08:25

Highest Channel / 64QAM

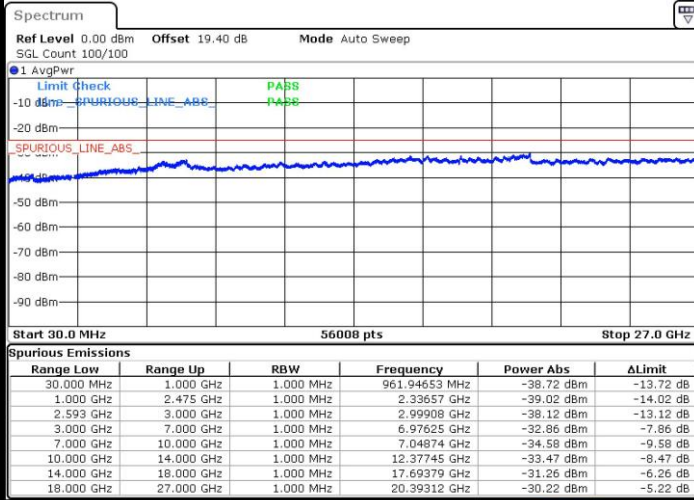


Date: 28.MAY.2018 20:20:52



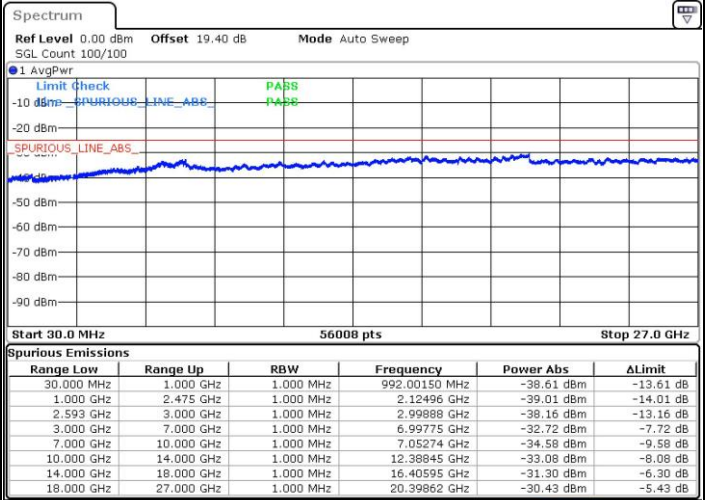
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



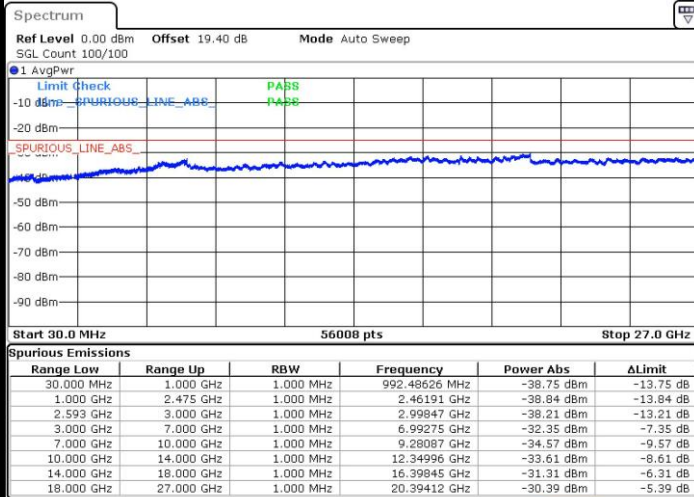
Date: 28.MAY.2018 20:48:58

Middle Channel / 64QAM



Date: 28.MAY.2018 21:01:59

Highest Channel / 64QAM

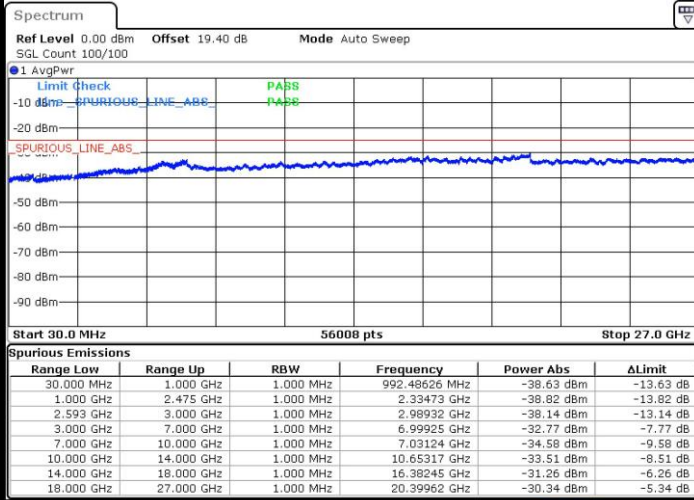


Date: 28.MAY.2018 21:10:44



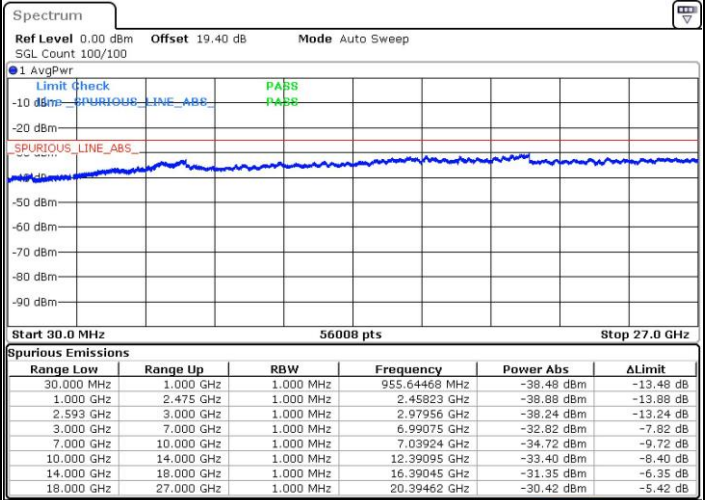
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



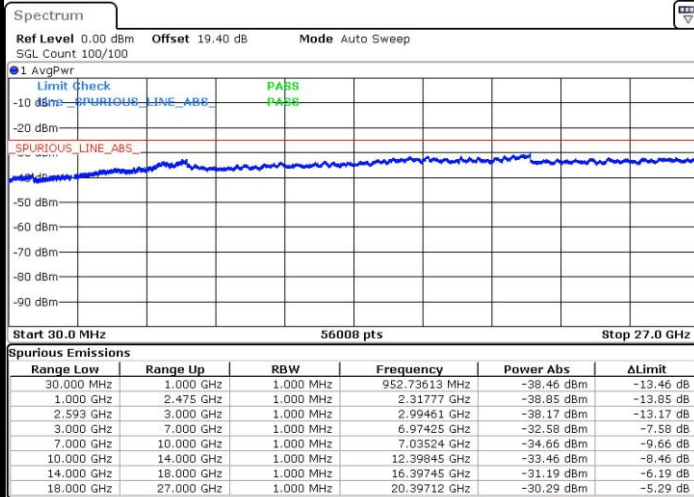
Date: 28.MAY.2018 21:26:18

Middle Channel / 64QAM



Date: 28.MAY.2018 21:31:23

Highest Channel / 64QAM

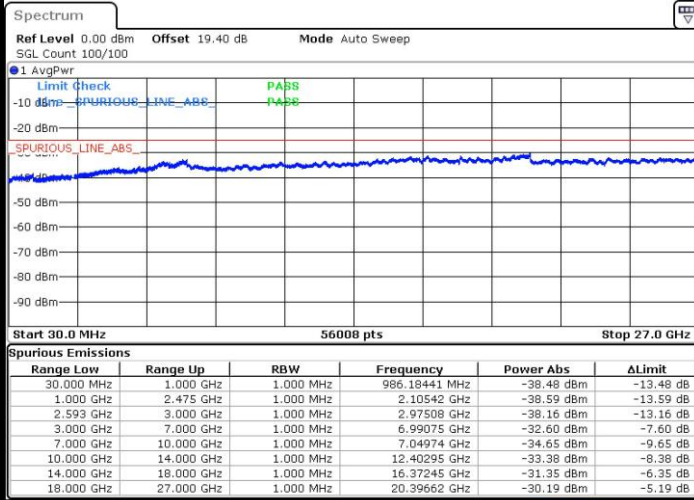


Date: 28.MAY.2018 21:32:11



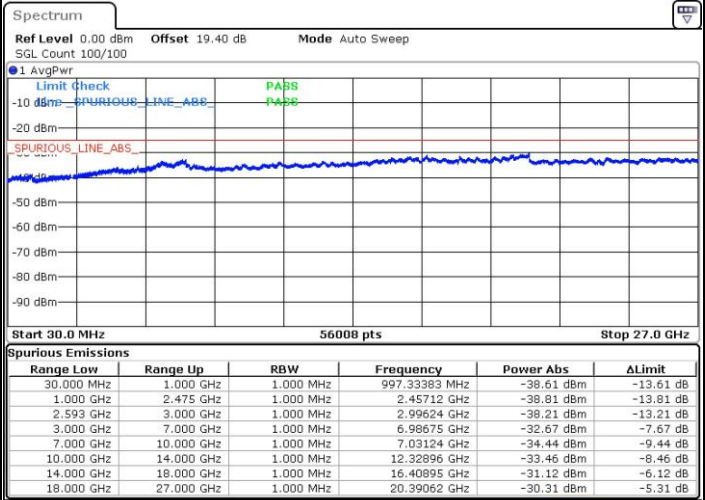
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



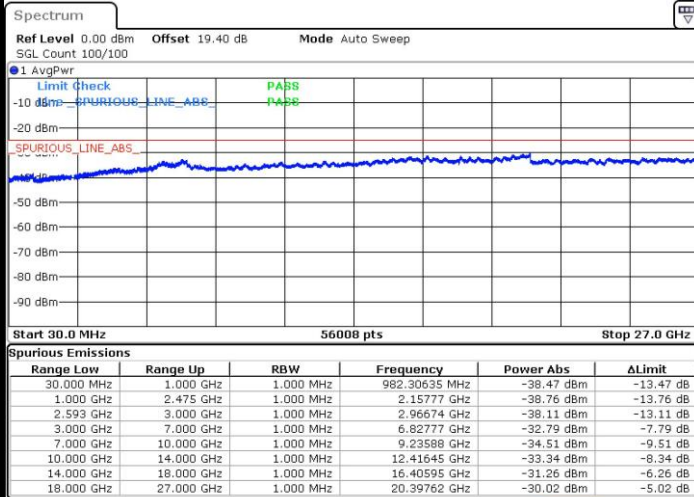
Date: 28.MAY.2018 22:03:08

Middle Channel / 64QAM



Date: 28.MAY.2018 22:03:56

Highest Channel / 64QAM



Date: 28.MAY.2018 22:08:40

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =100 V. ; Maximum Voltage =240 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 41

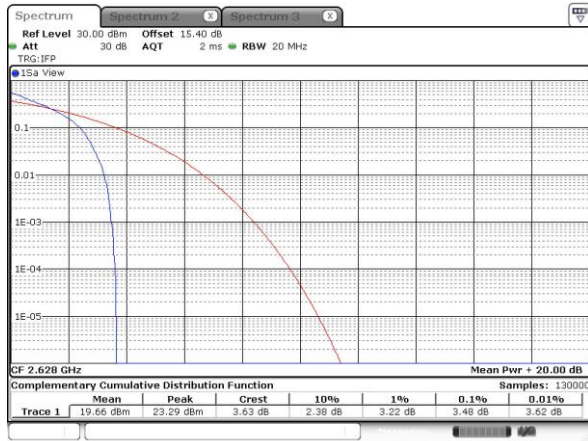
<For 1x1 Tx High Band>

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.7	3.77	5.22	PASS
Middle CH	5.19	4.67	5.42	5.3	
Highest CH	4.96	4.96	5.45	5.77	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	3.94	5.22	-	-	PASS
Middle CH	5.19	5.25	-	-	
Highest CH	5.28	5.74	-	-	

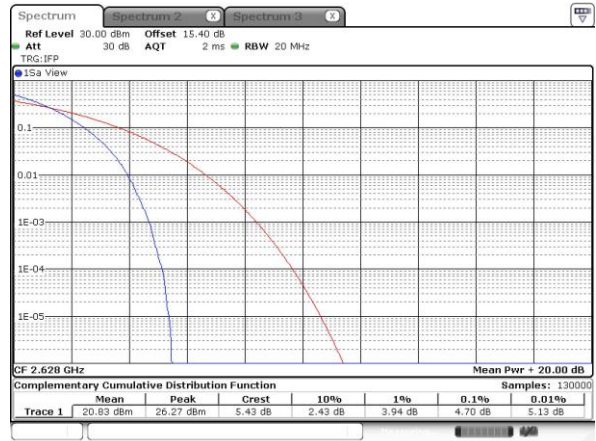
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



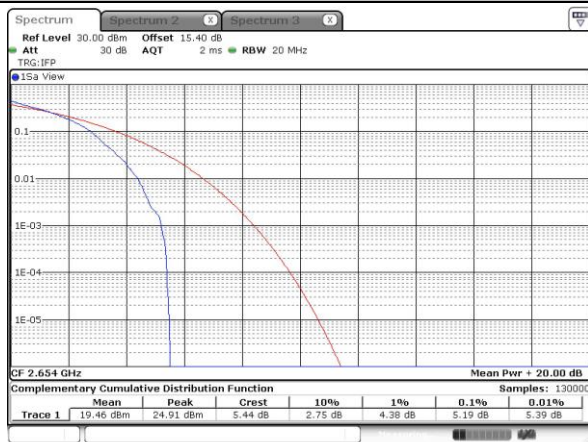
Date: 30 MAY 2018 00:24:12

Lowest Channel / Full RB



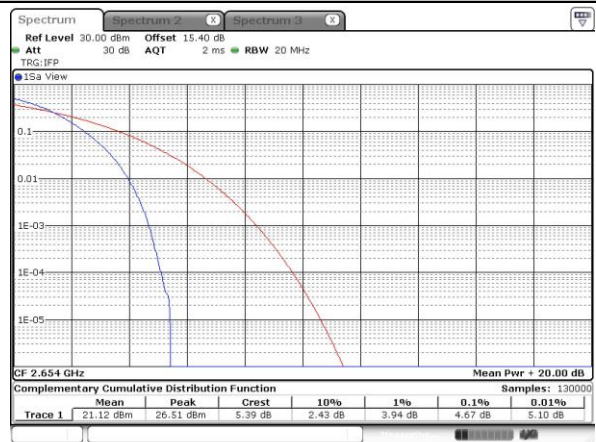
Date: 30 MAY 2018 00:21:05

Middle Channel / 1RB



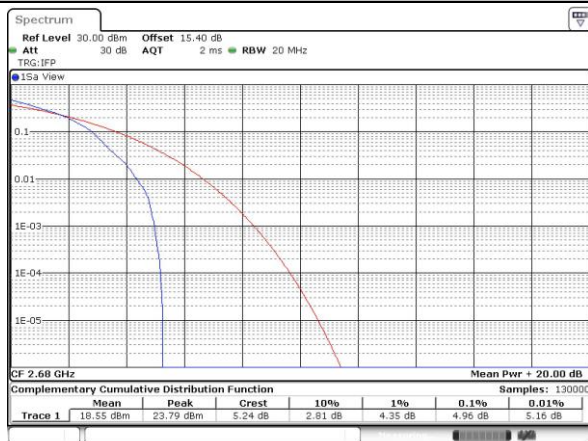
Date: 30 MAY 2018 00:28:54

Middle Channel / Full RB



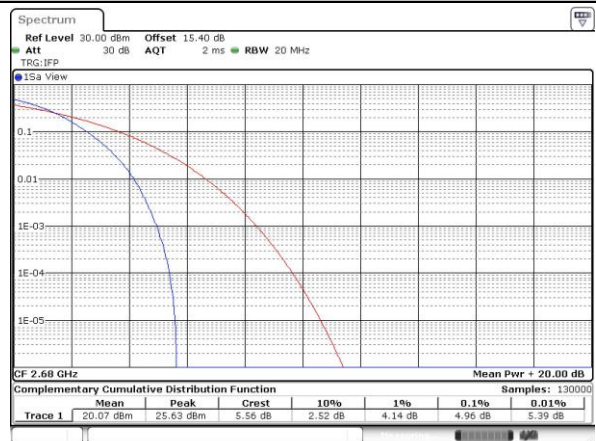
Date: 30 MAY 2018 00:27:06

Highest Channel / 1RB



Date: 29 MAY 2018 17:06:14

Highest Channel / Full RB



Date: 29 MAY 2018 17:04:24

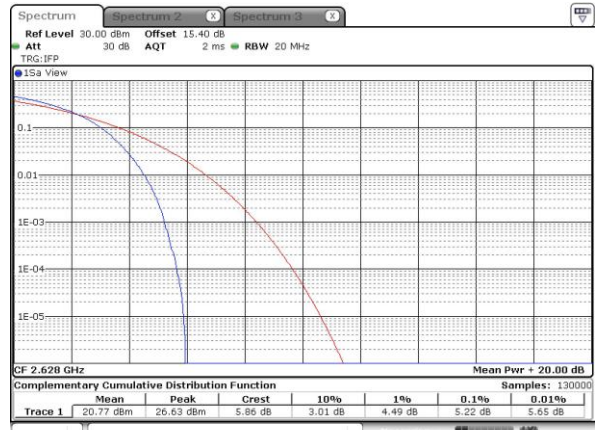


LTE Band 41 / 20MHz / 16QAM

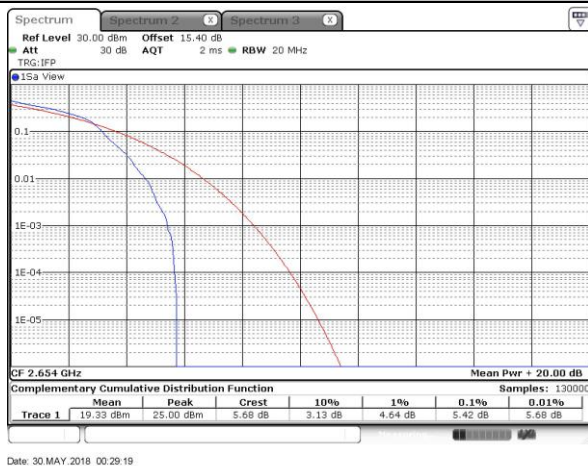
Lowest Channel / 1RB



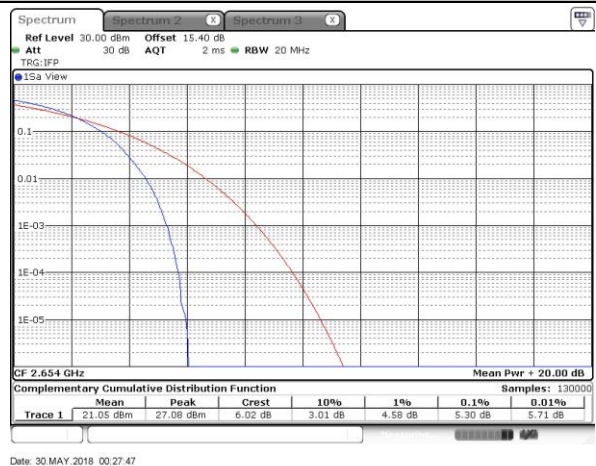
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



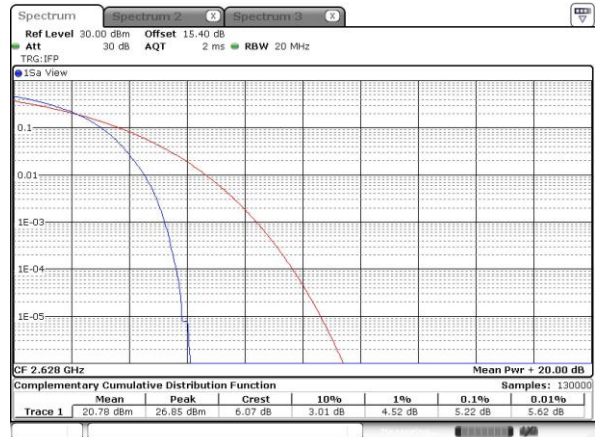


LTE Band 41 / 20MHz / 64QAM

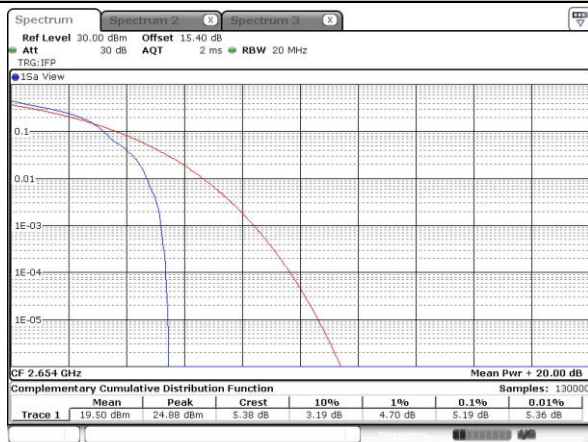
Lowest Channel / 1RB



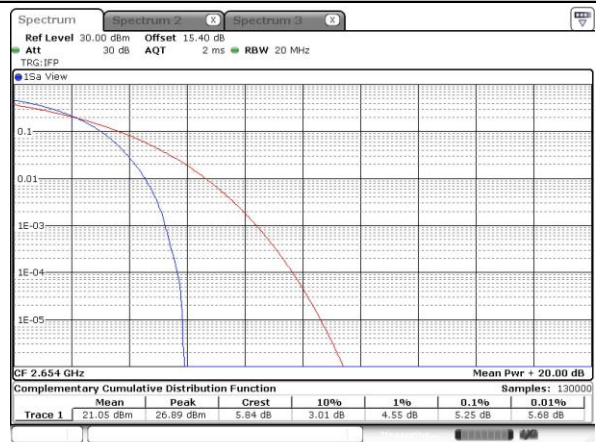
Lowest Channel / Full RB



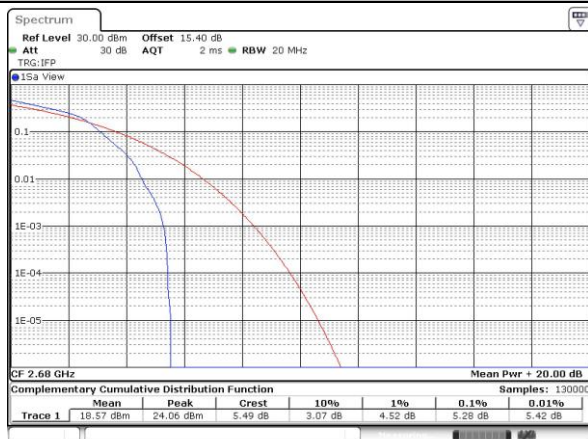
Middle Channel / 1RB



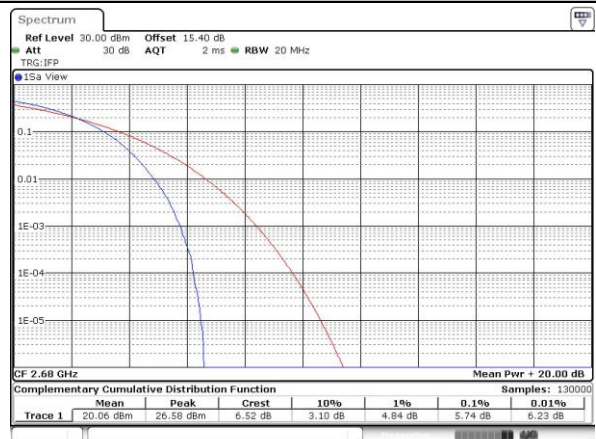
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



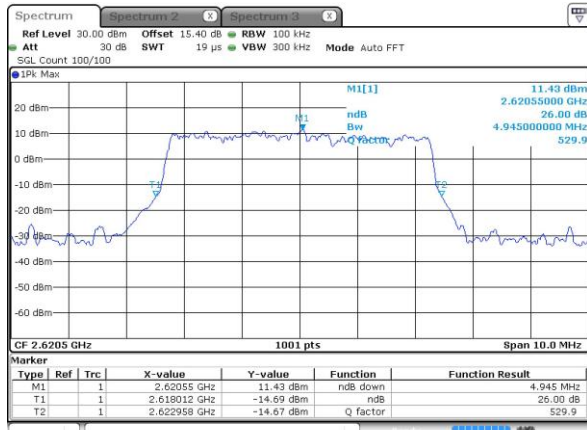
**26dB Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.95	4.93	9.79	10.33	14.33	14.54	20.18	20.26
Middle CH	-	-	-	-	5.08	4.93	9.67	9.63	14.18	14.30	20.18	20.10
Highest CH	-	-	-	-	5.11	5.19	9.93	9.95	14.42	14.48	20.06	20.14
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	5.09	-	9.97	-	14.48	-	20.22	-
Middle CH	-	-	-	-	5.01	-	9.77	-	14.51	-	20.06	-
Highest CH	-	-	-	-	5.23	-	9.81	-	14.27	-	20.06	-



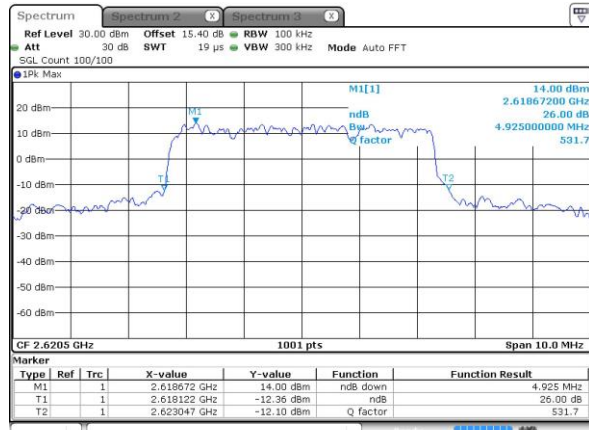
LTE Band 41

Lowest Channel / 5MHz / QPSK



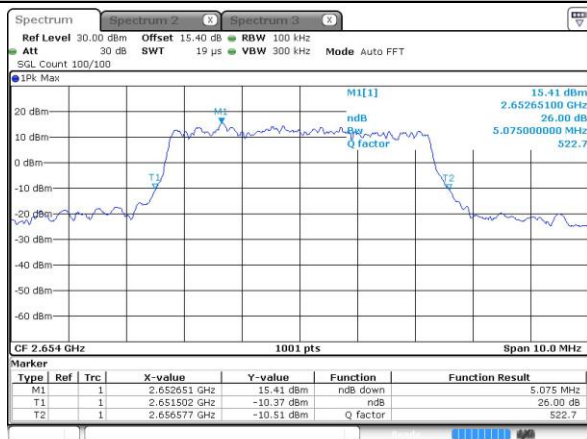
Date: 29 MAY 2018 23:36:32

Lowest Channel / 5MHz / 16QAM



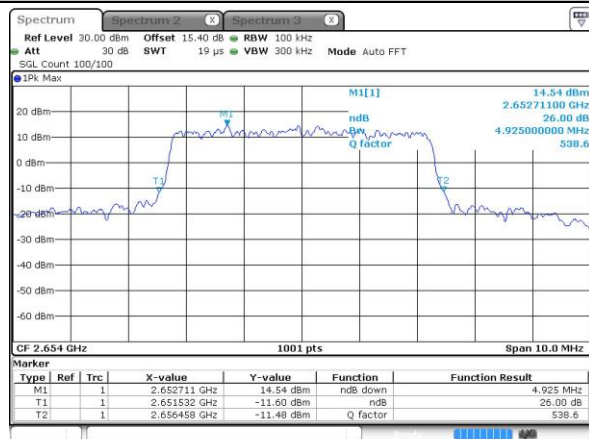
Date: 29 MAY 2018 23:37:27

Middle Channel / 5MHz / QPSK



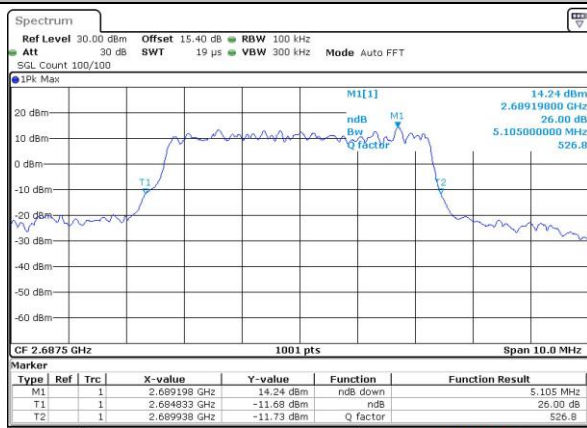
Date: 29 MAY 2018 23:41:21

Middle Channel / 5MHz / 16QAM



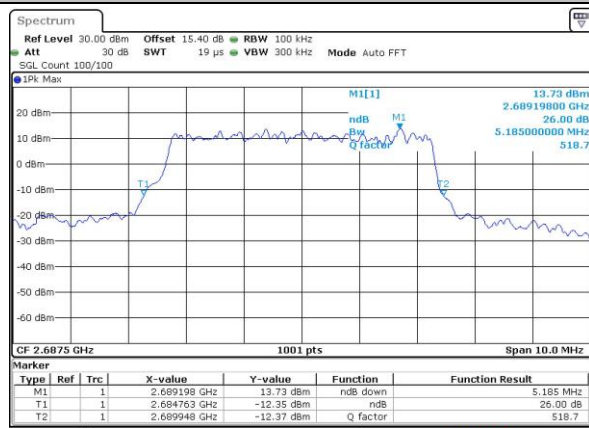
Date: 29 MAY 2018 23:41:44

Highest Channel / 5MHz / QPSK



Date: 29 MAY 2018 01:11:21

Highest Channel / 5MHz / 16QAM

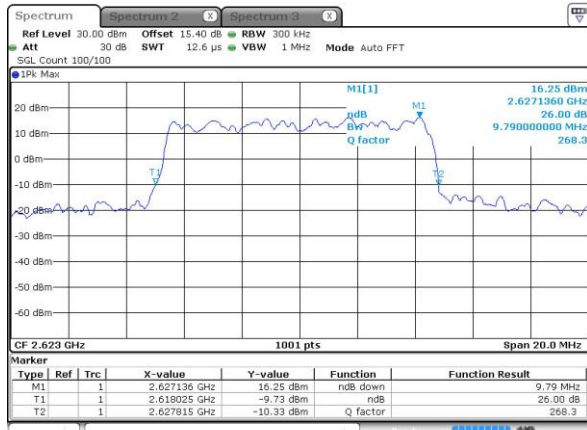


Date: 29 MAY 2018 01:12:05



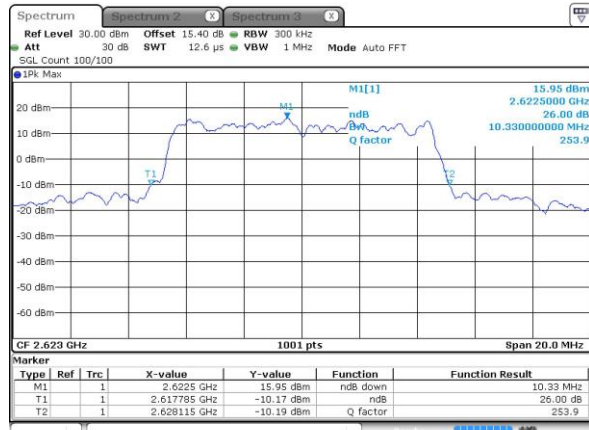
LTE Band 41

Lowest Channel / 10MHz / QPSK



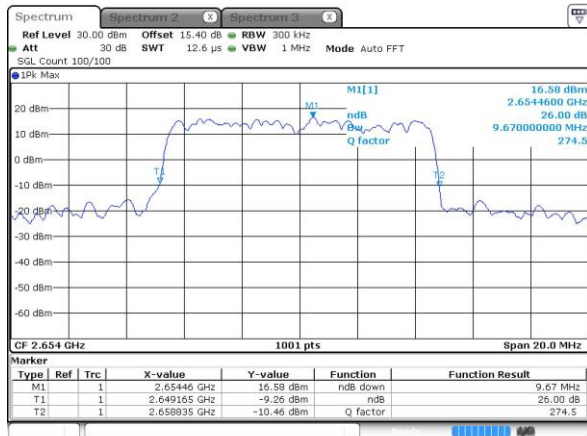
Date: 30 MAY 2018 00:02:54

Lowest Channel / 10MHz / 16QAM



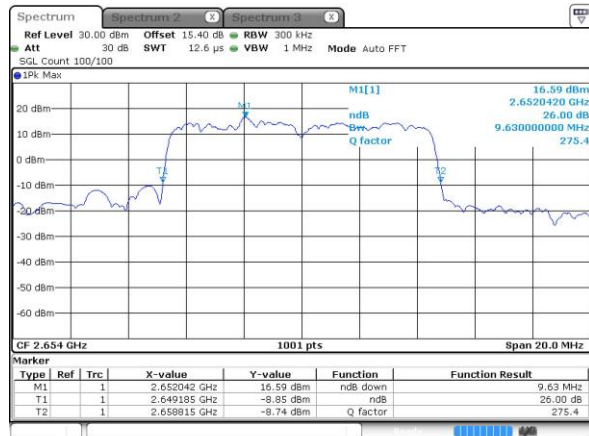
Date: 30 MAY 2018 00:03:13

Middle Channel / 10MHz / QPSK



Date: 30 MAY 2018 00:05:10

Middle Channel / 10MHz / 16QAM



Date: 30 MAY 2018 00:05:41

Highest Channel / 10MHz / QPSK



Date: 29 MAY 2018 02:06:28

Highest Channel / 10MHz / 16QAM

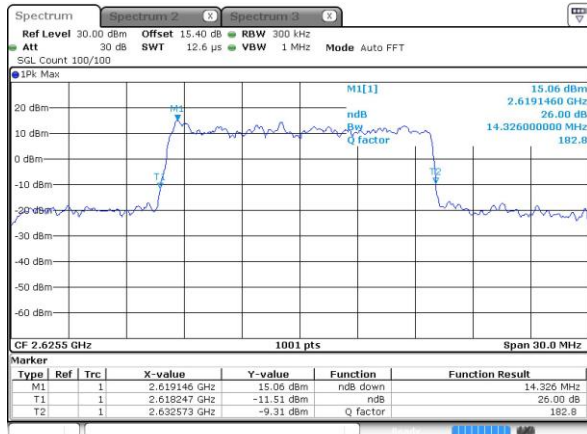


Date: 29 MAY 2018 02:06:49



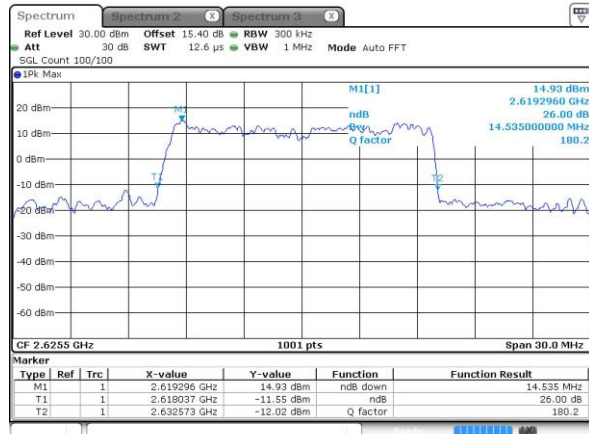
LTE Band 41

Lowest Channel / 15MHz / QPSK



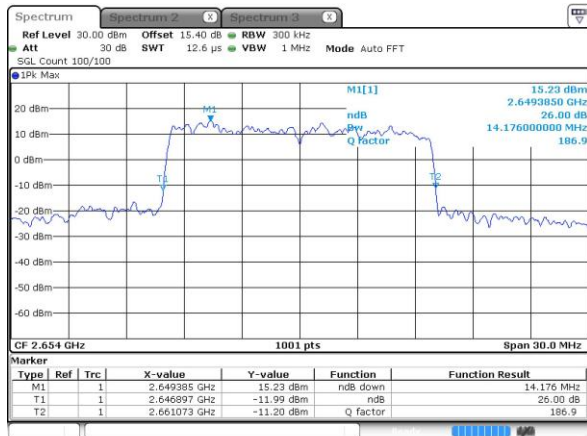
Date: 30 MAY 2018 00:11:45

Lowest Channel / 15MHz / 16QAM



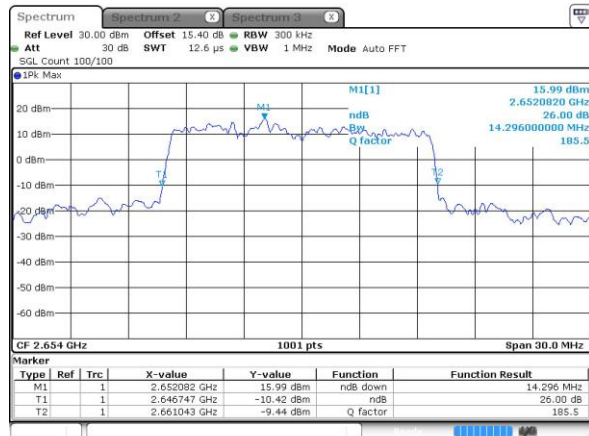
Date: 30 MAY 2018 00:12:09

Middle Channel / 15MHz / QPSK



Date: 30 MAY 2018 00:13:22

Middle Channel / 15MHz / 16QAM



Date: 30 MAY 2018 00:13:42

Highest Channel / 15MHz / QPSK



Date: 29 MAY 2018 15:15:06

Highest Channel / 15MHz / 16QAM

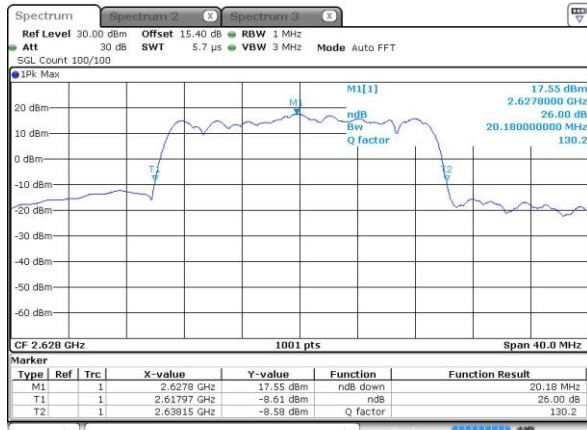


Date: 29 MAY 2018 15:15:32



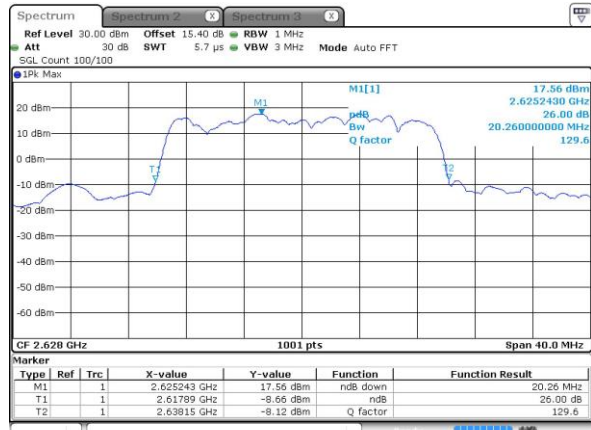
LTE Band 41

Lowest Channel / 20MHz / QPSK



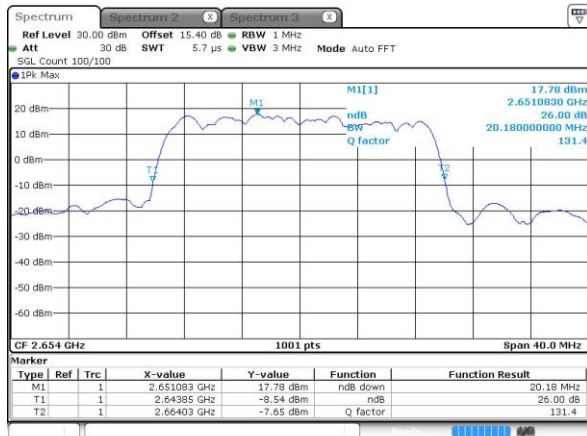
Date: 30 MAY 2018 00:20:44

Lowest Channel / 20MHz / 16QAM



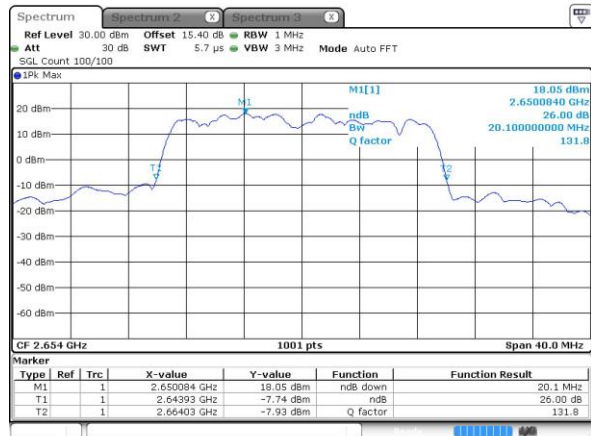
Date: 30 MAY 2018 00:21:52

Middle Channel / 20MHz / QPSK



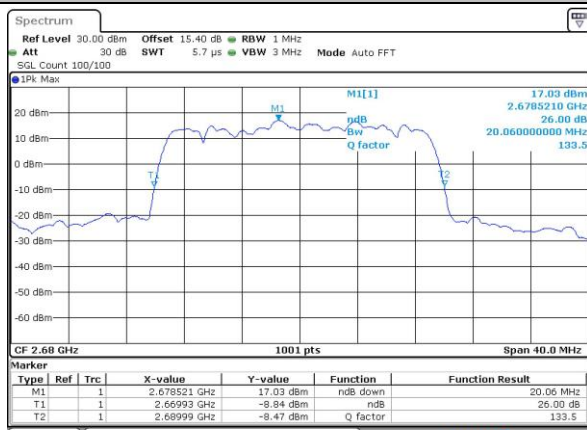
Date: 30 MAY 2018 00:26:51

Middle Channel / 20MHz / 16QAM



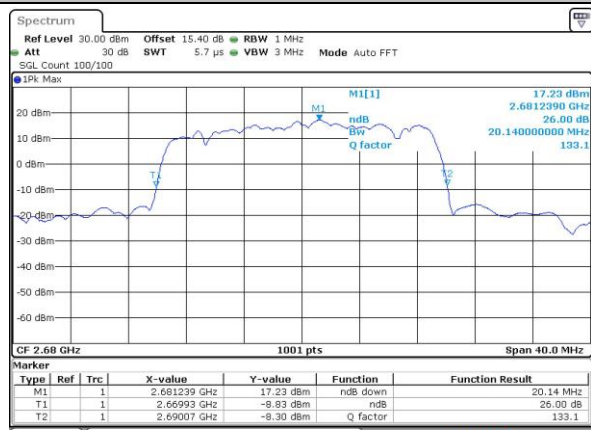
Date: 30 MAY 2018 00:27:31

Highest Channel / 20MHz / QPSK



Date: 29 MAY 2018 15:56:15

Highest Channel / 20MHz / 16QAM



Date: 29 MAY 2018 15:46:19