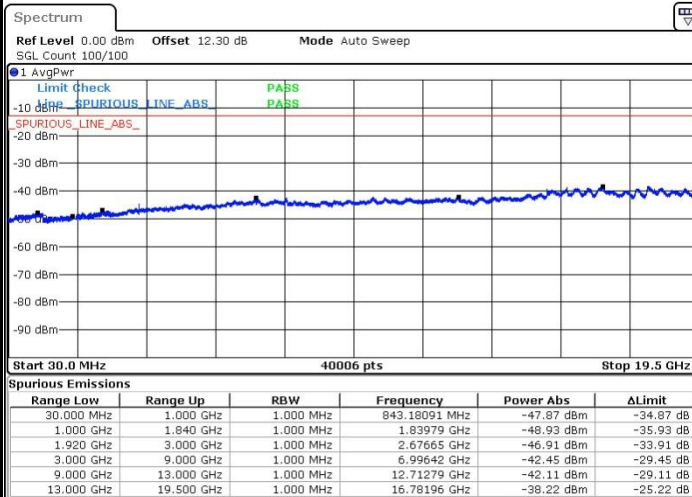




Conducted Spurious Emission

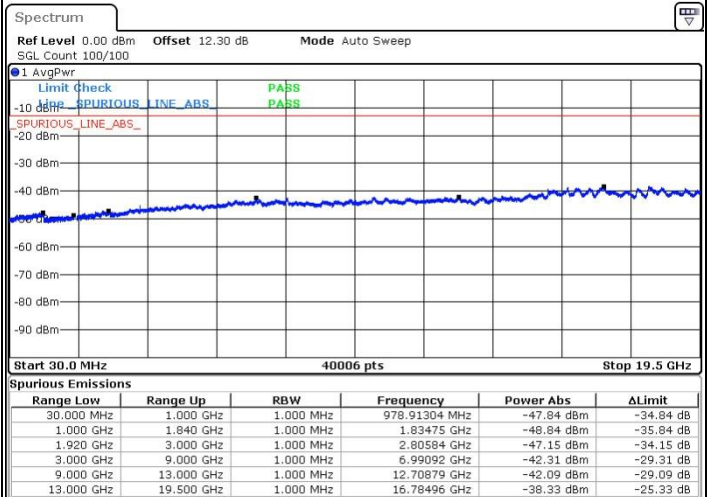
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



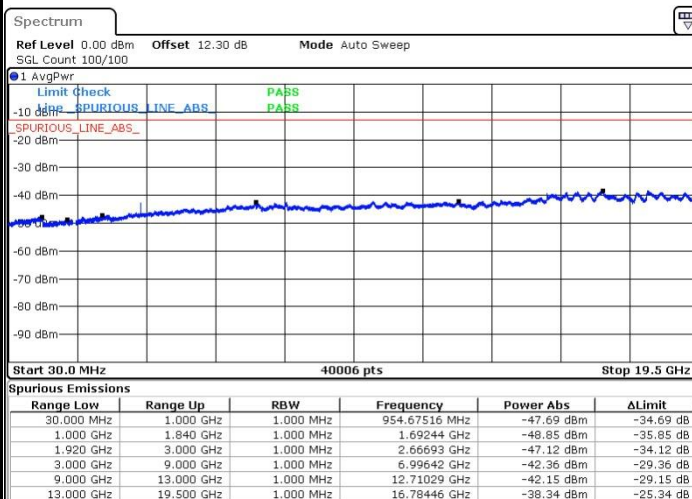
Date: 21 MAY 2015 20:30:14

Lowest Channel / 16QAM



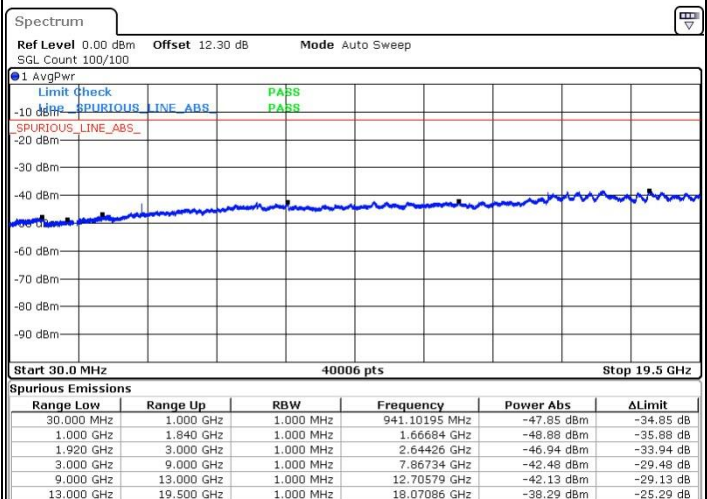
Date: 21 MAY 2015 20:31:24

Middle Channel / QPSK



Date: 21 MAY 2015 20:33:21

Middle Channel / 16QAM

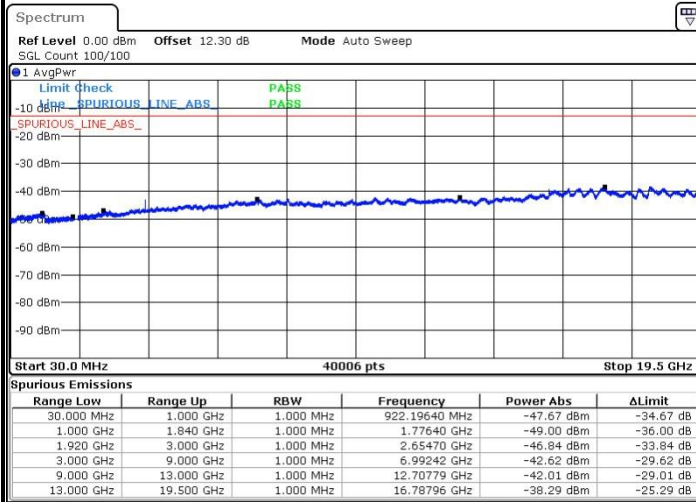


Date: 21 MAY 2015 20:34:32



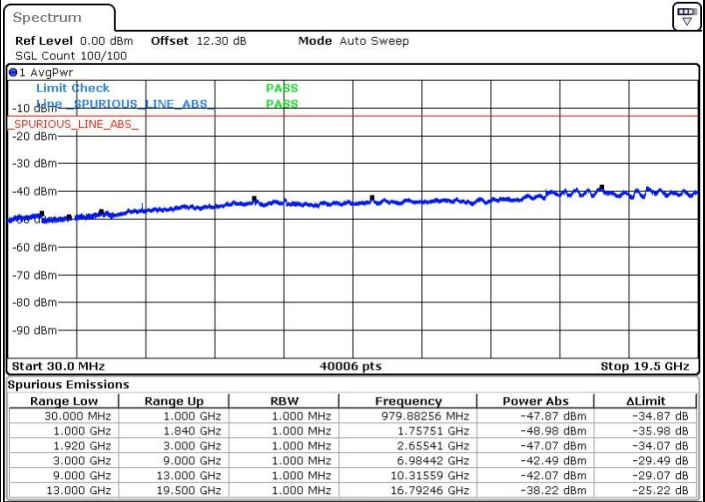
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 21 MAY 2015 21:51:32

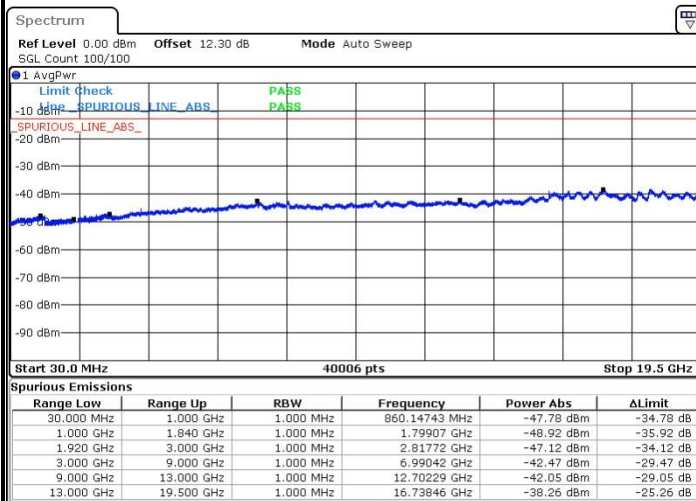
Highest Channel / 16QAM



Date: 21 MAY 2015 21:52:42

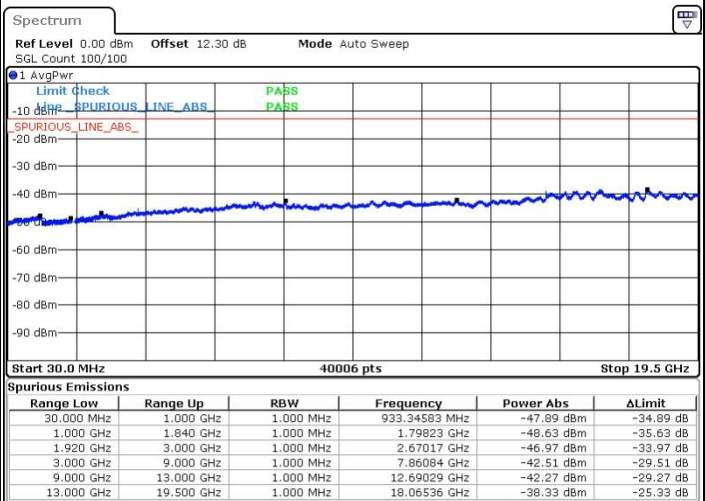
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 21 MAY 2015 19:35:44

Lowest Channel / 16QAM

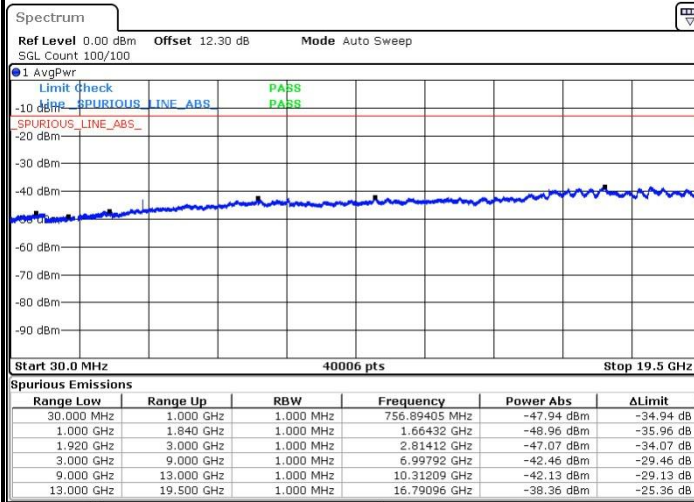


Date: 21 MAY 2015 19:36:55



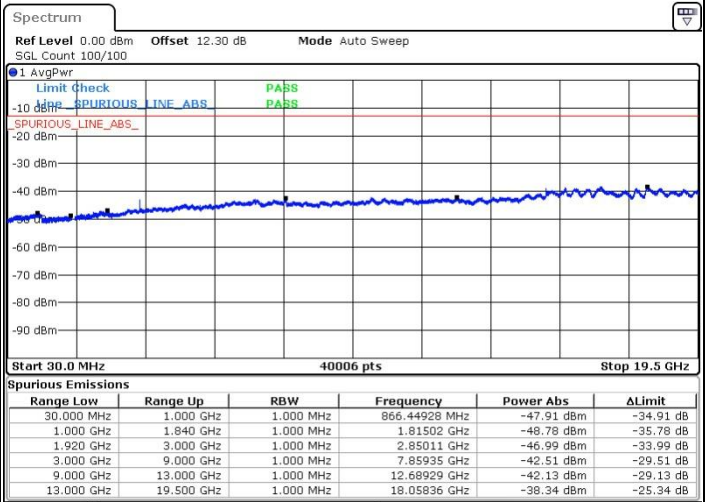
LTE Band 25 / 3MHz

Middle Channel / QPSK



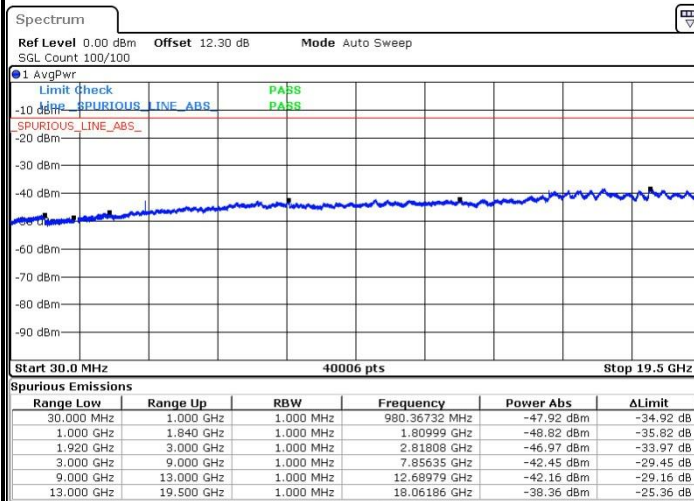
Date: 21.MAY.2015 19:38:52

Middle Channel / 16QAM



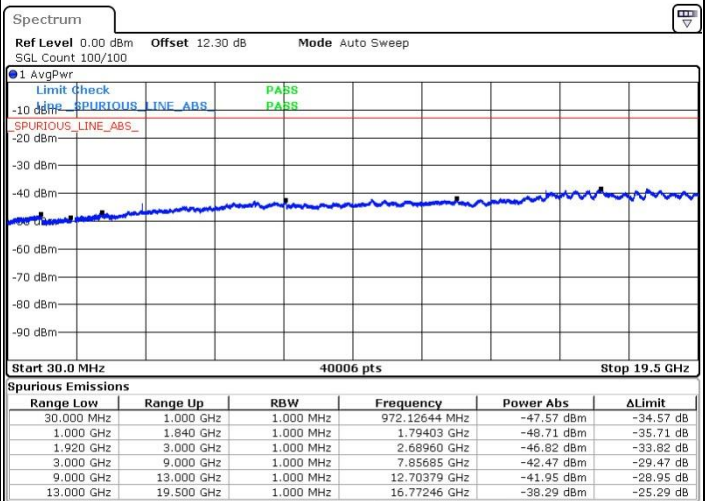
Date: 21.MAY.2015 19:40:02

Highest Channel / QPSK



Date: 21.MAY.2015 21:06:40

Highest Channel / 16QAM

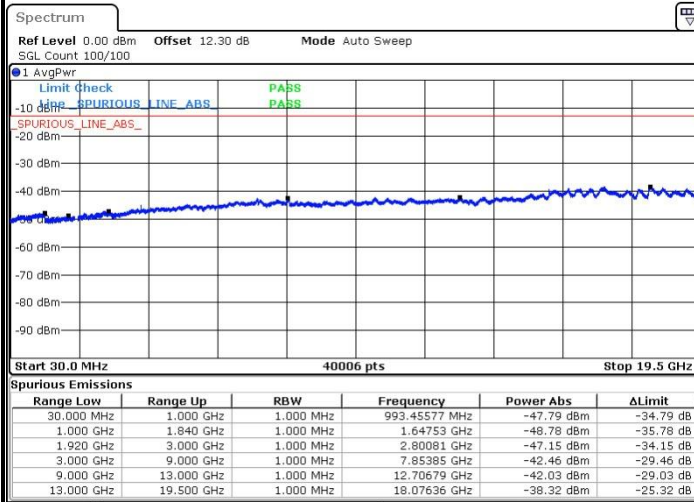


Date: 21.MAY.2015 21:07:50



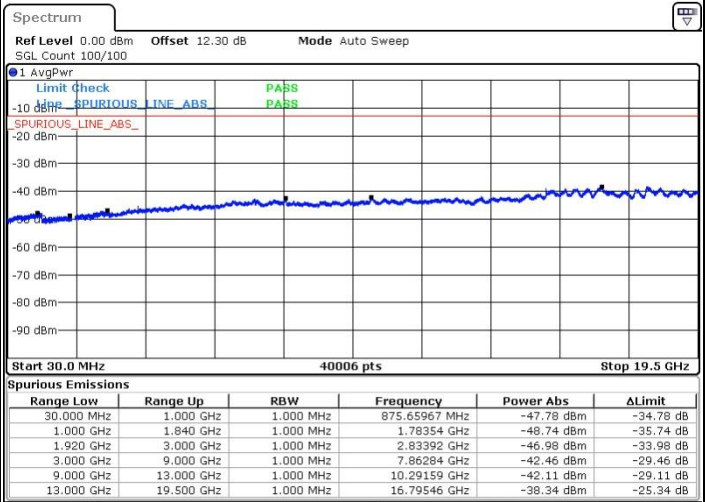
LTE Band 25 / 5MHz

Lowest Channel / QPSK



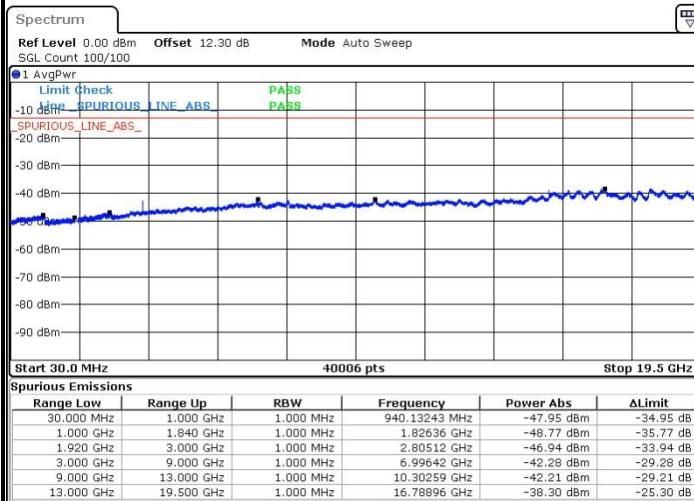
Date: 21.MAY.2015 19:46:38

Lowest Channel / 16QAM



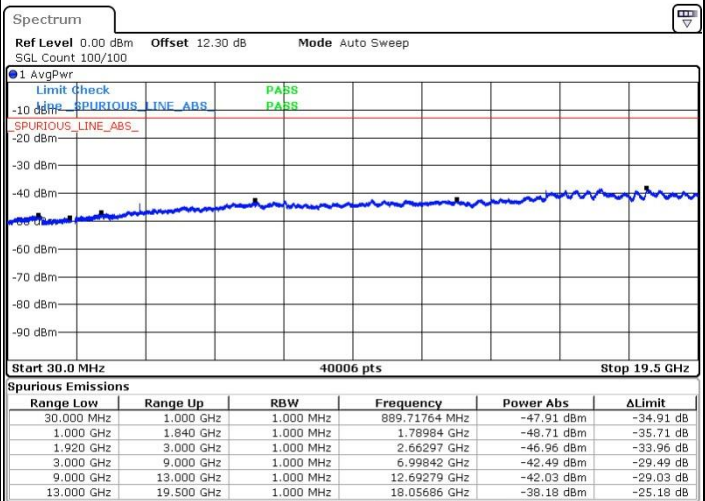
Date: 21.MAY.2015 19:47:48

Middle Channel / QPSK



Date: 21.MAY.2015 19:49:45

Middle Channel / 16QAM

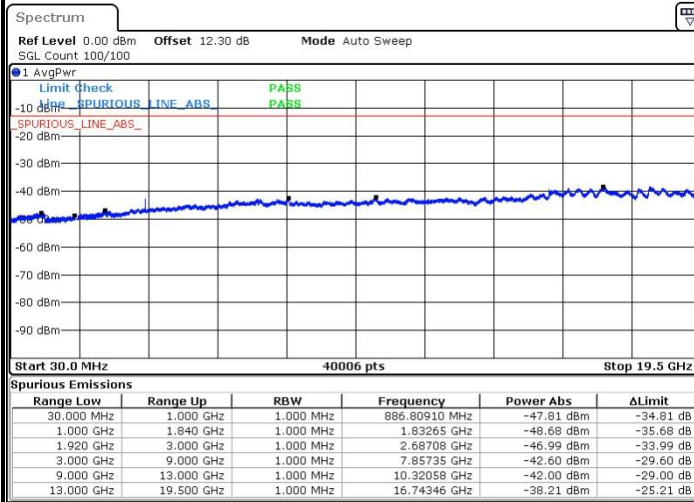


Date: 21.MAY.2015 19:50:56



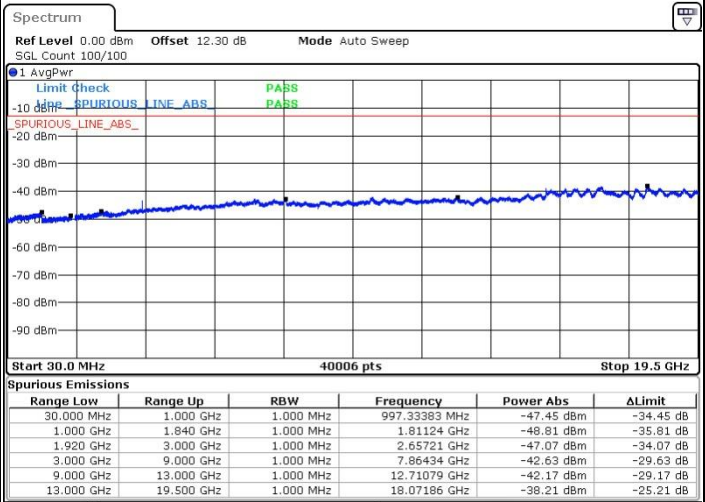
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 21.MAY.2015 21:14:26

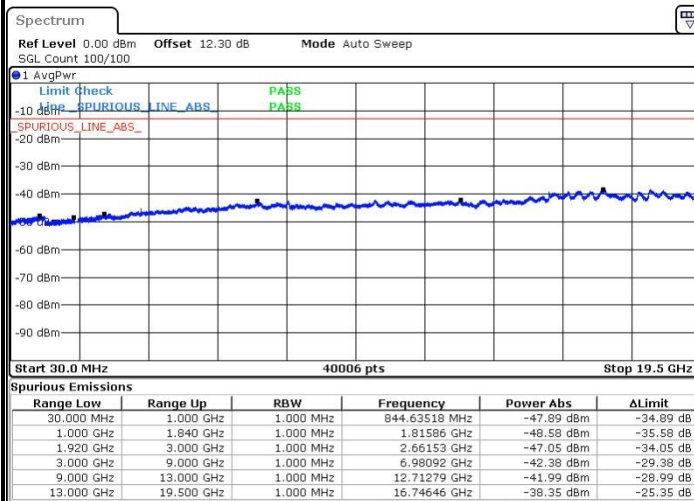
Highest Channel / 16QAM



Date: 21.MAY.2015 21:15:37

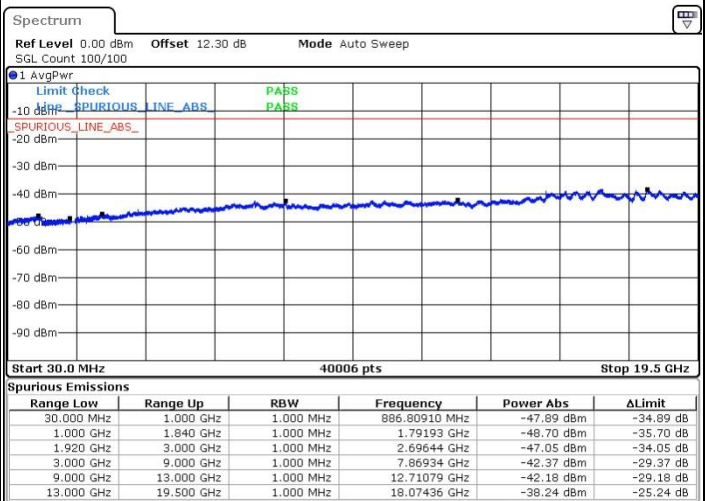
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 21.MAY.2015 19:57:32

Lowest Channel / 16QAM

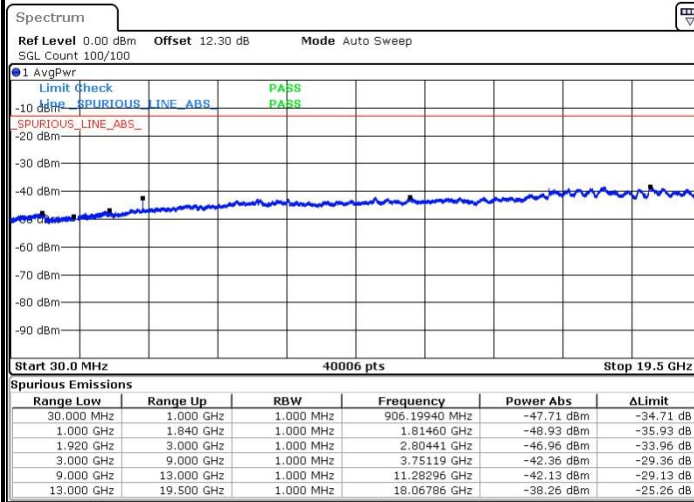


Date: 21.MAY.2015 19:58:42



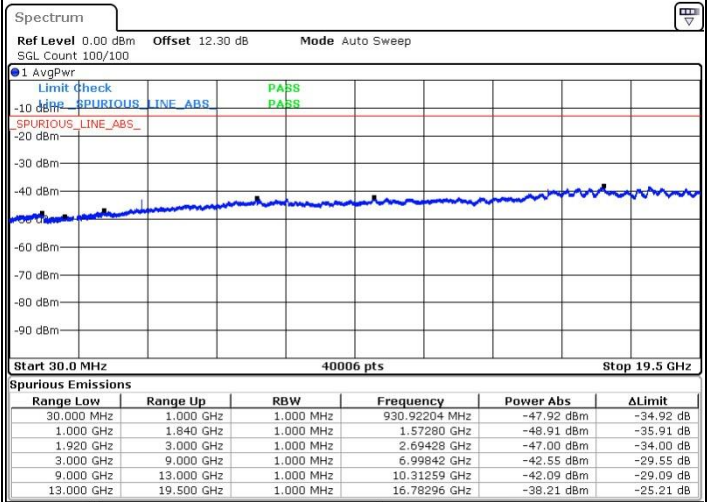
LTE Band 25 / 10MHz

Middle Channel / QPSK



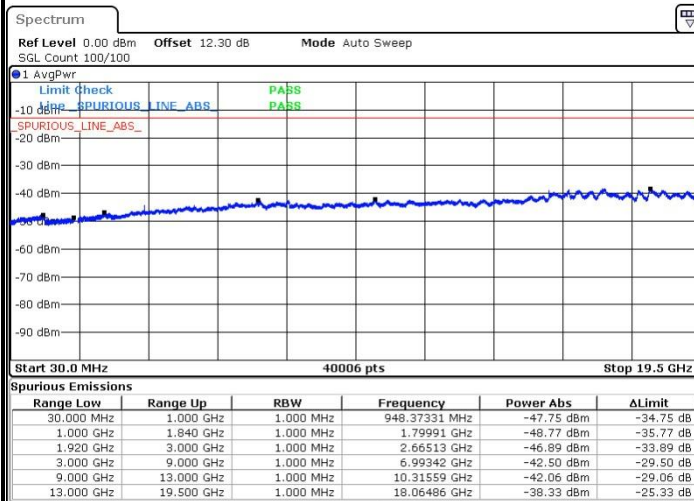
Date: 21.MAY.2015 20:00:39

Middle Channel / 16QAM



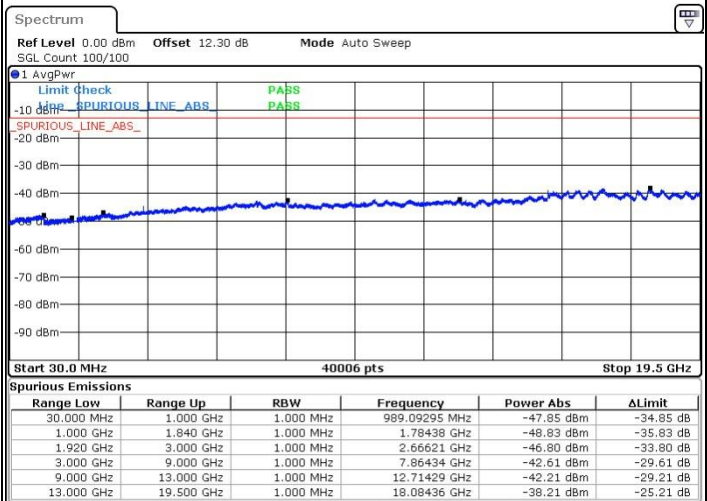
Date: 21.MAY.2015 20:01:49

Highest Channel / QPSK



Date: 21.MAY.2015 21:22:12

Highest Channel / 16QAM

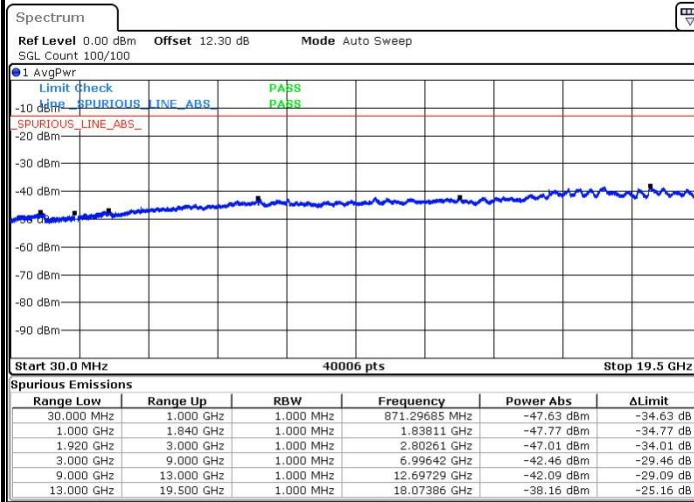


Date: 21.MAY.2015 21:23:23



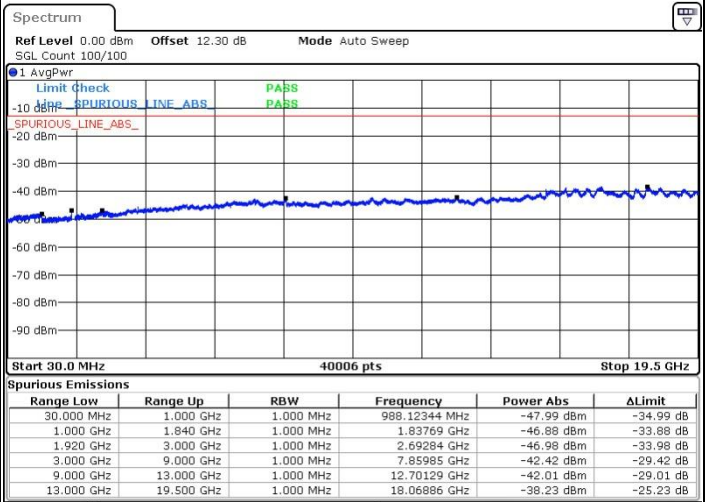
LTE Band 25 / 15MHz

Lowest Channel / QPSK



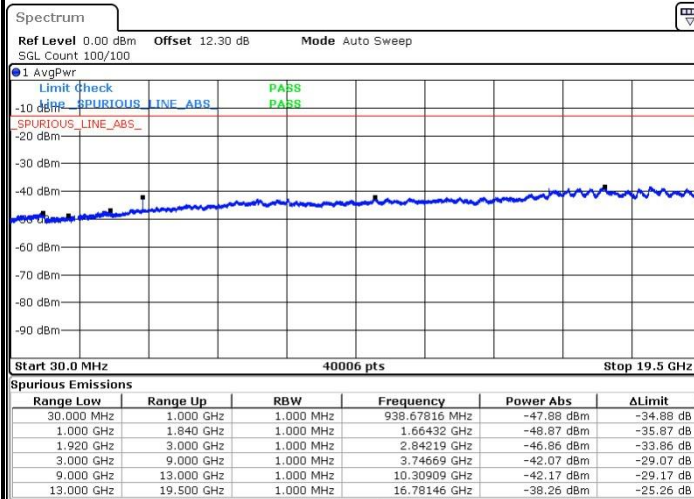
Date: 21.MAY.2015 20:08:26

Lowest Channel / 16QAM



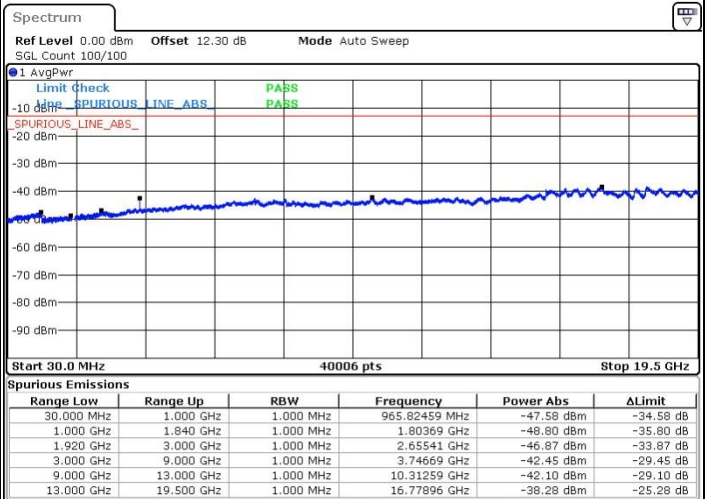
Date: 21.MAY.2015 20:09:36

Middle Channel / QPSK



Date: 21.MAY.2015 20:11:33

Middle Channel / 16QAM

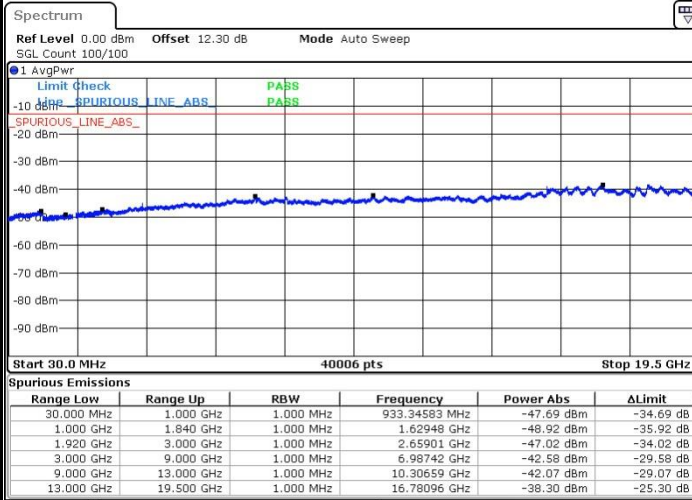


Date: 21.MAY.2015 20:12:43



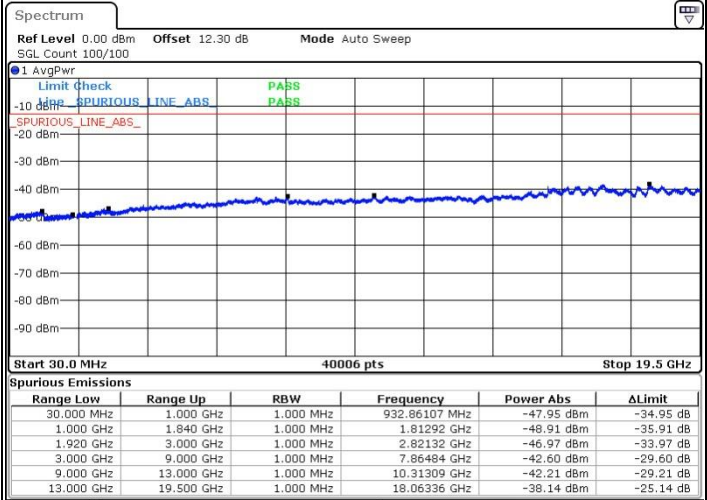
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 21.MAY.2015 21:35:57

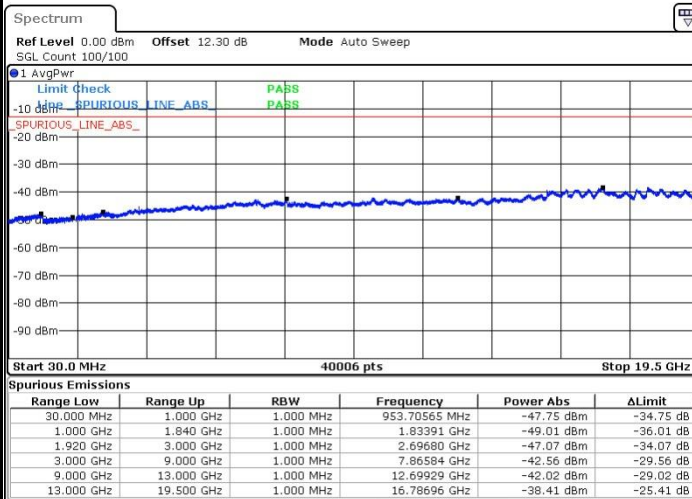
Highest Channel / 16QAM



Date: 21.MAY.2015 21:37:08

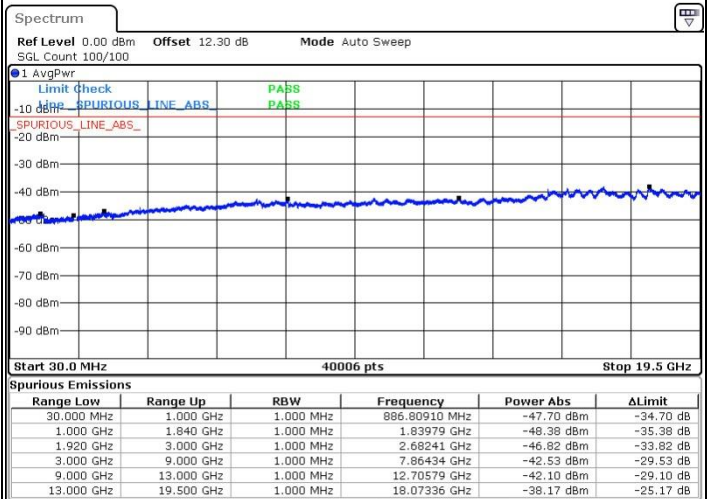
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 21.MAY.2015 20:19:20

Lowest Channel / 16QAM

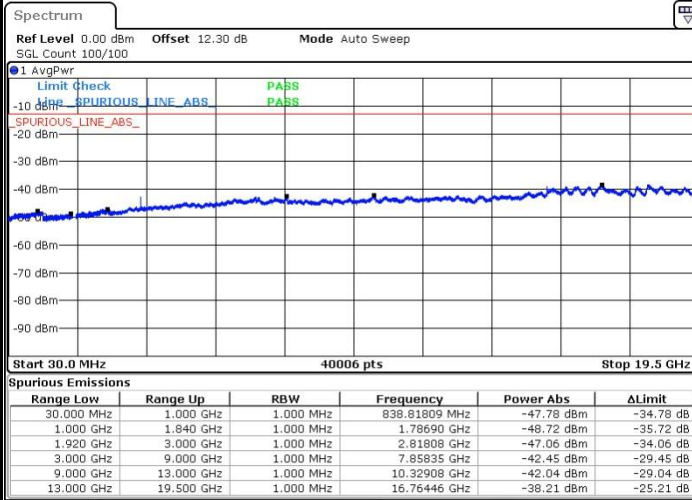


Date: 21.MAY.2015 20:20:30



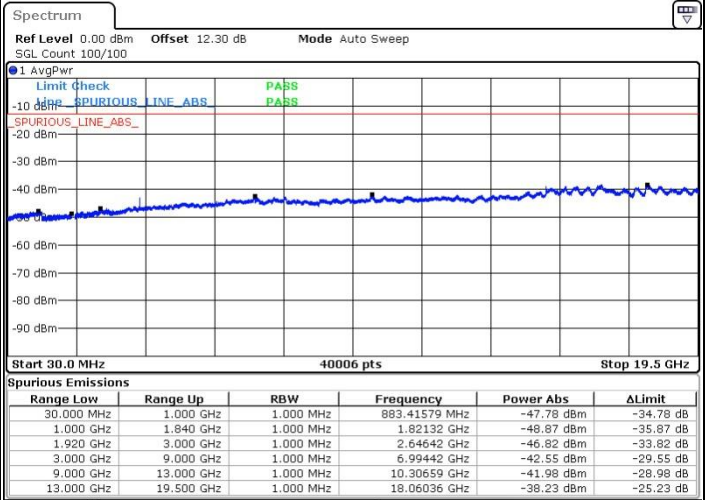
LTE Band 25 / 20MHz

Middle Channel / QPSK



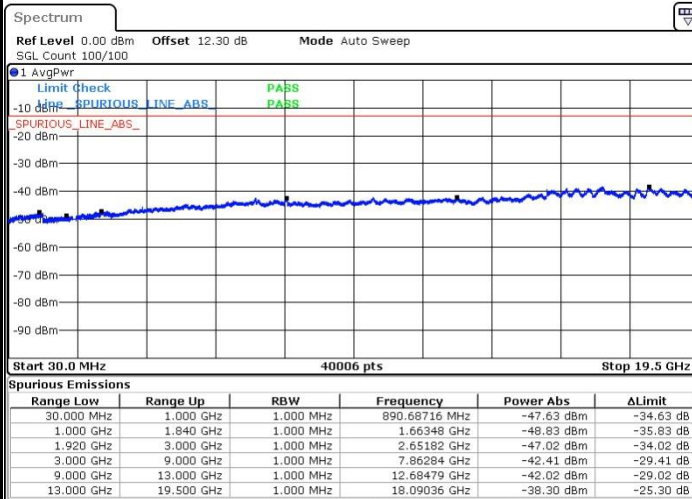
Date: 21.MAY.2015 20:22:27

Middle Channel / 16QAM



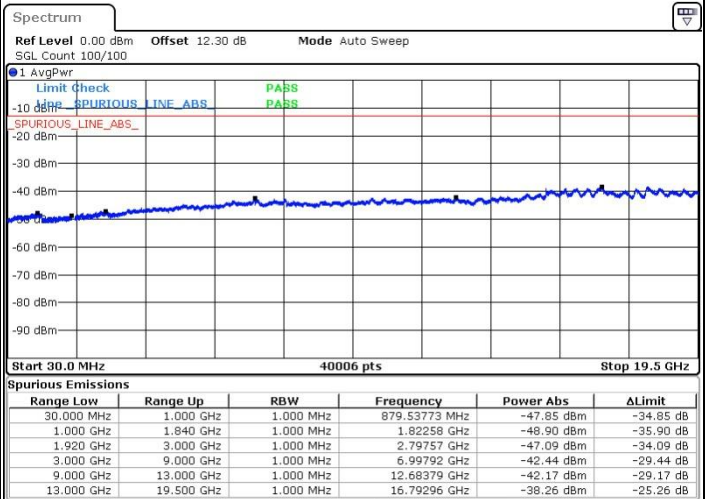
Date: 21.MAY.2015 20:23:38

Highest Channel / QPSK



Date: 21.MAY.2015 21:43:45

Highest Channel / 16QAM



Date: 21.MAY.2015 21:44:55

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0089	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0106	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0090	
0	Normal Voltage	0.0093	
-10	Normal Voltage	0.0108	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0101	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.95V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



LTE Band 26

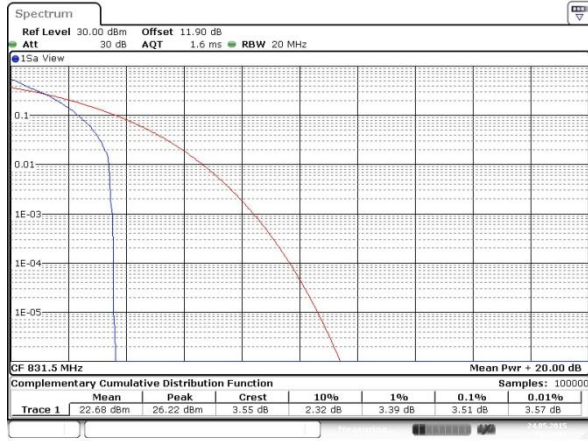
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.51	4.61	4.41	5.48	PASS
Middle CH	3.65	4.61	4.61	5.51	
Highest CH	3.86	4.67	4.55	5.68	

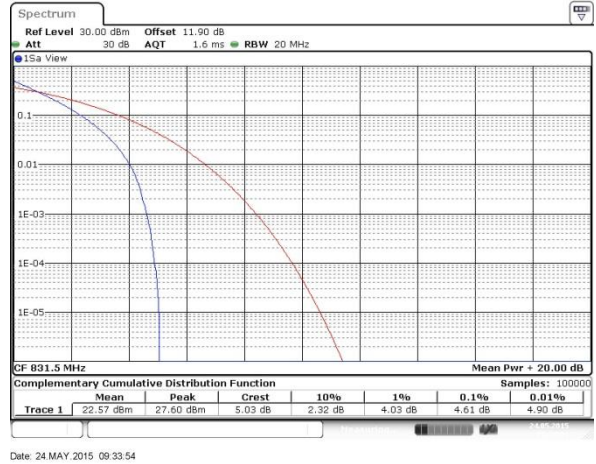


LTE Band 26 / 15MHz / QPSK

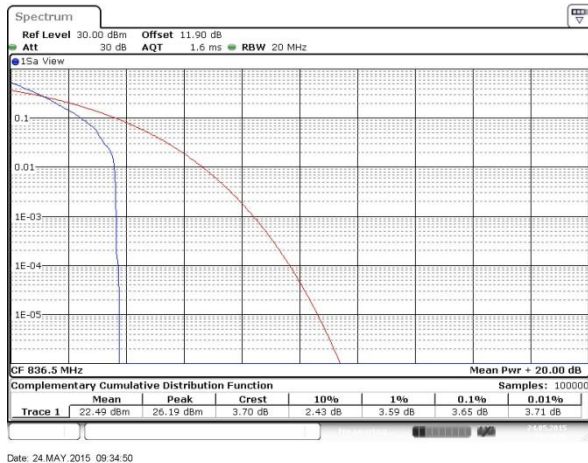
Lowest Channel / 1RB



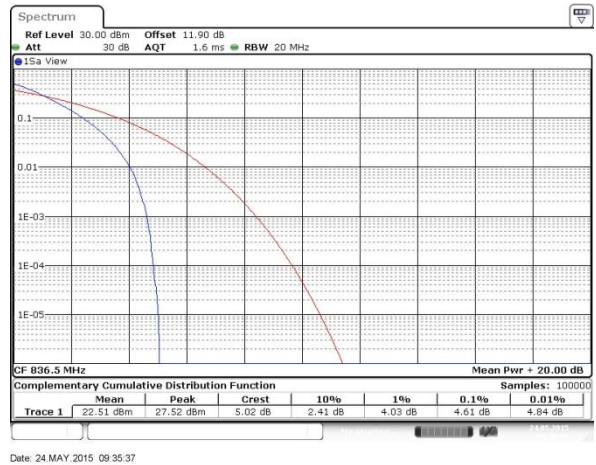
Lowest Channel / Full RB



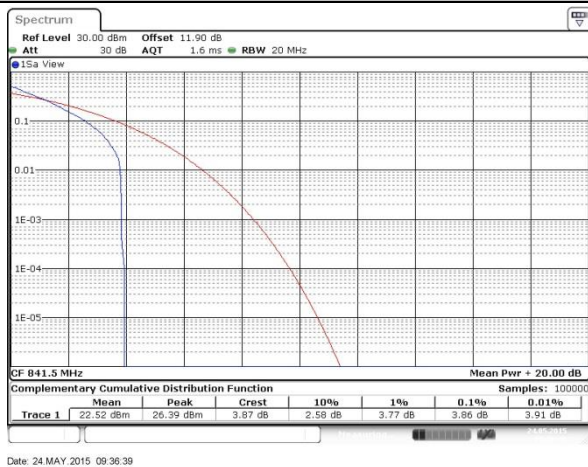
Middle Channel / 1RB



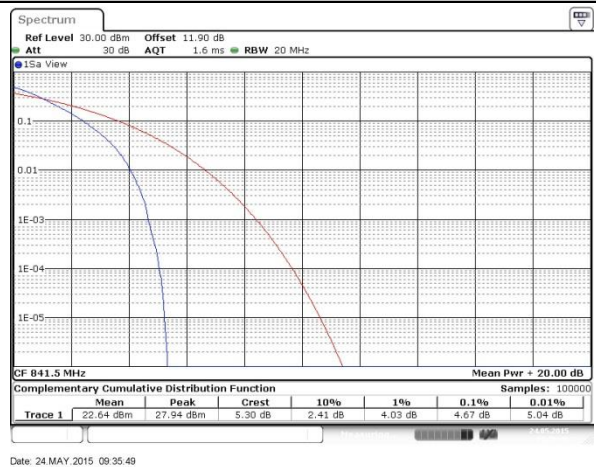
Middle Channel / Full RB



Highest Channel / 1RB



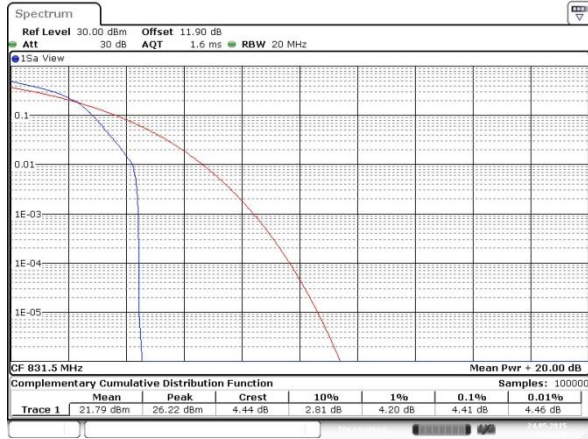
Highest Channel / Full RB



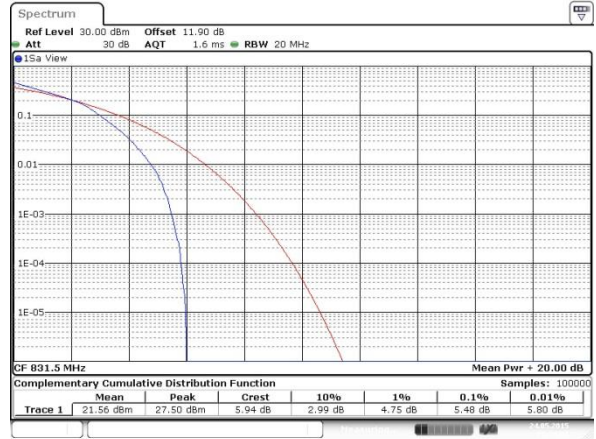


LTE Band 26 / 15MHz / 16QAM

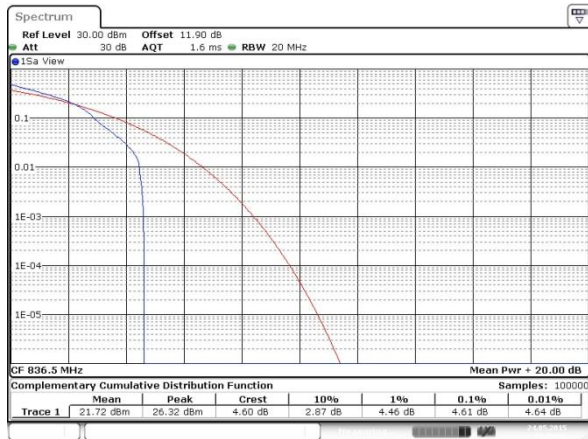
Lowest Channel / 1RB



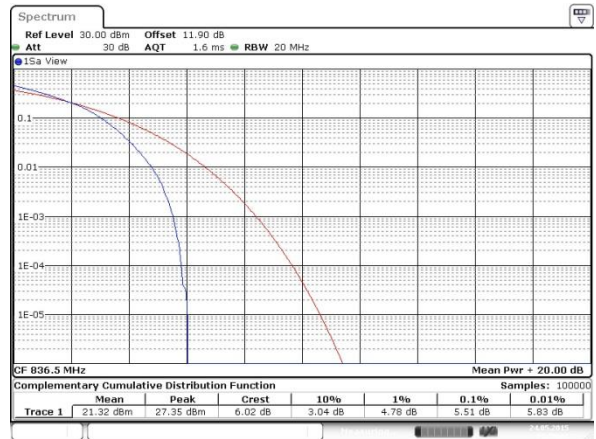
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





26dB Bandwidth

Mode	LTE Band 26 : 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	1.29	1.29	3.05	3.06	5.07	5.07	10.07	10.01	14.60	14.93	-	-
Middle CH	1.29	1.29	3.04	3.06	5.05	5.05	10.01	9.99	14.63	14.57	-	-
Highest CH	1.28	1.30	3.04	3.06	5.04	5.05	10.01	10.09	14.69	14.84	-	-