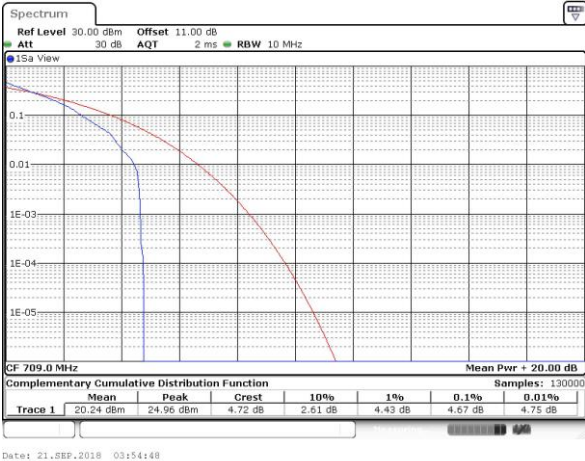




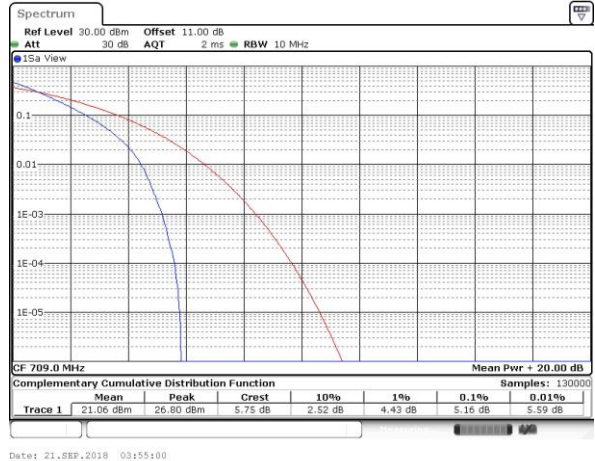
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



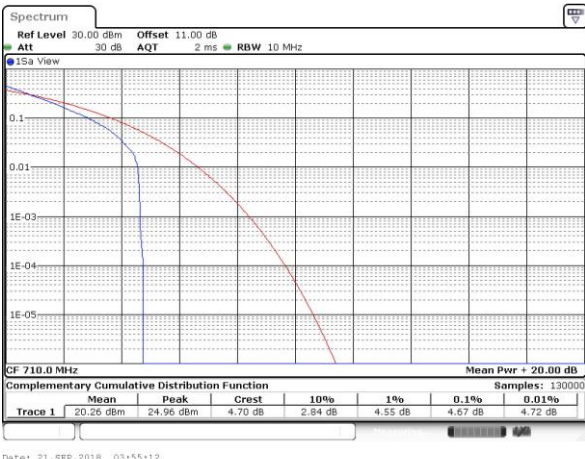
Date: 21_SEP.2018 03:54:48

Lowest Channel / Full RB



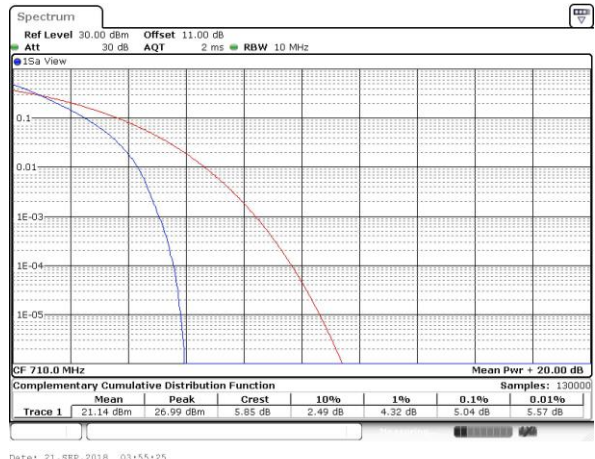
Date: 21_SEP.2018 03:55:00

Middle Channel/ 1RB



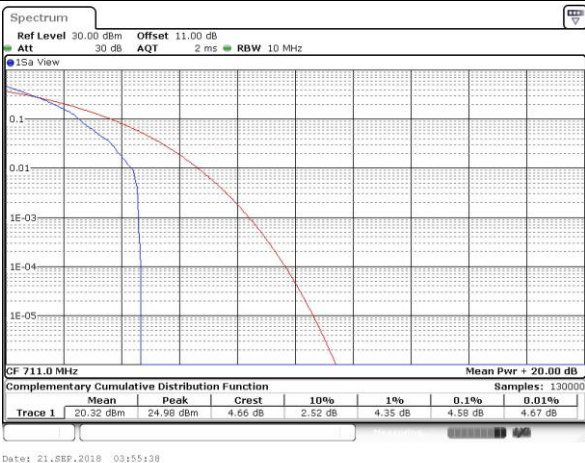
Date: 21_SEP.2018 03:55:12

Middle Channel / Full RB



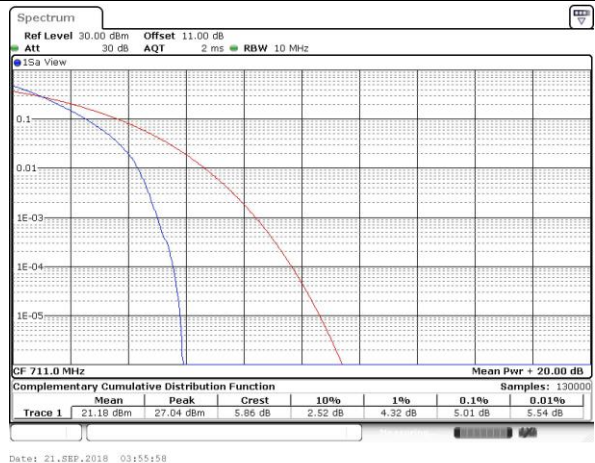
Date: 21_SEP.2018 03:55:25

Highest Channel/ 1RB



Date: 21_SEP.2018 03:55:38

Highest Channel / Full RB

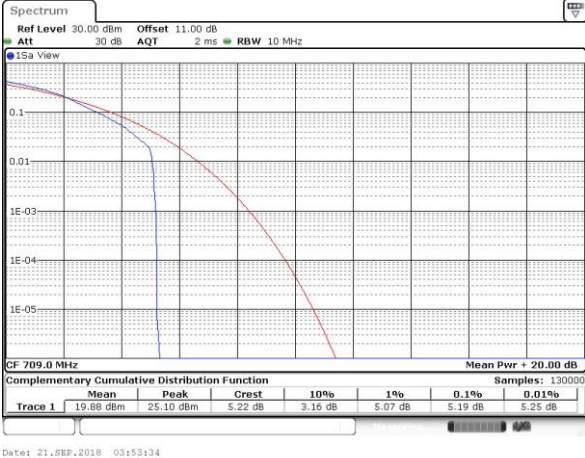


Date: 21_SEP.2018 03:55:58



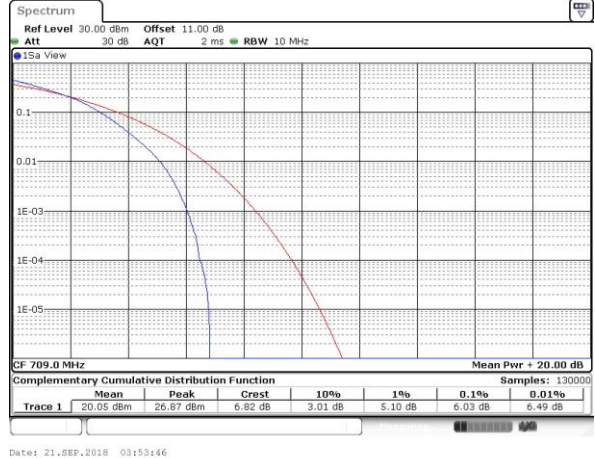
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



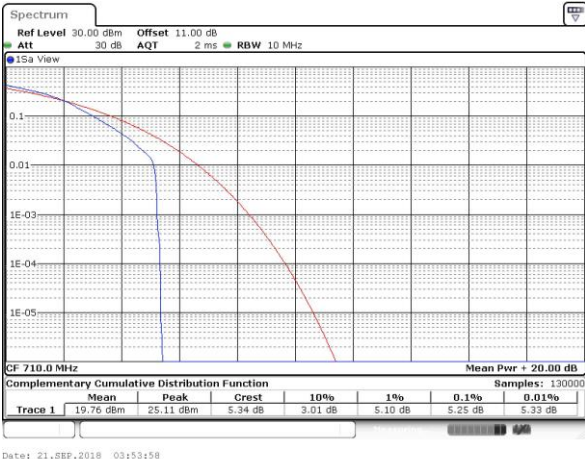
Date: 21_SEP.2018 03:53:34

Lowest Channel / Full RB



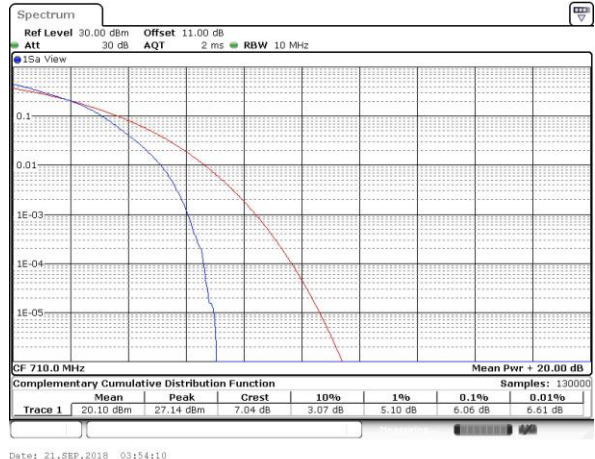
Date: 21_SEP.2018 03:53:46

Middle Channel/ 1RB



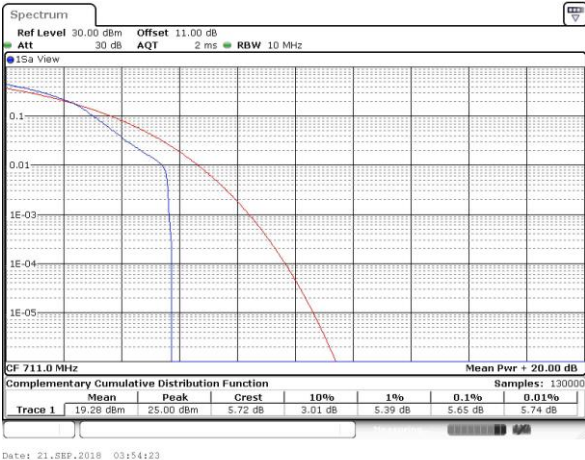
Date: 21_SEP.2018 03:53:58

Middle Channel / Full RB



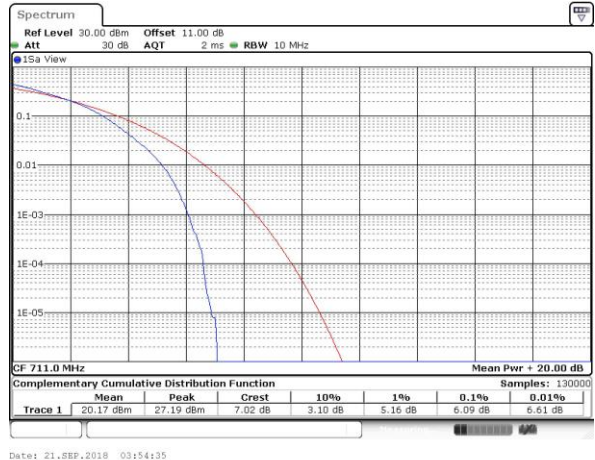
Date: 21_SEP.2018 03:54:10

Highest Channel/ 1RB



Date: 21_SEP.2018 03:54:23

Highest Channel / Full RB



Date: 21_SEP.2018 03:54:35



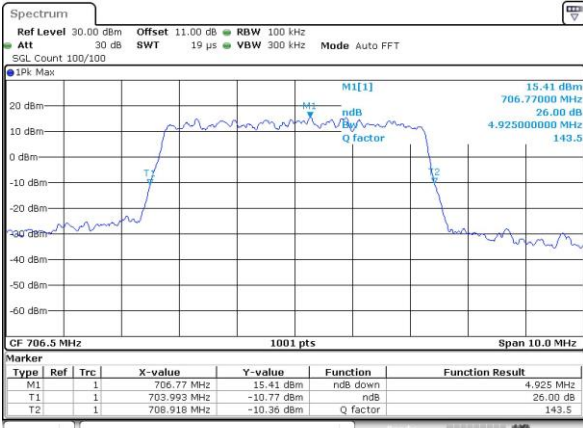
26dB Bandwidth

Mode BW Mod.	LTE Band 17 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.93	4.91	9.91	9.69	-	-	-	-
Middle CH	-	-	-	-	4.95	4.93	9.87	9.67	-	-	-	-
Highest CH	-	-	-	-	4.90	4.87	9.79	9.75	-	-	-	-



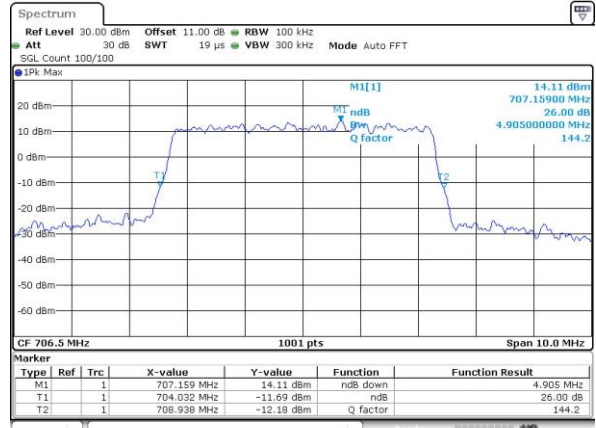
LTE Band 17

Lowest Channel / 5MHz / QPSK



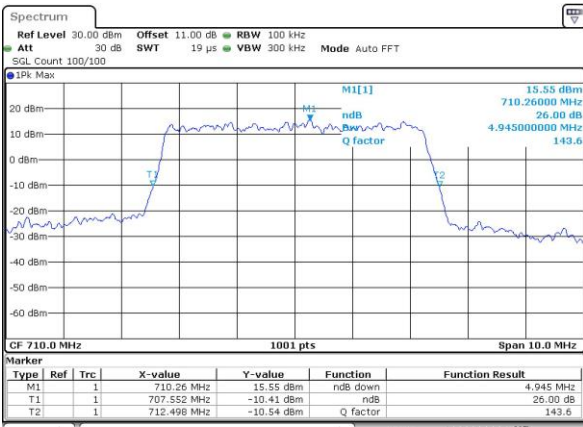
Date: 21_SEP.2018 02:57:134

Lowest Channel / 5MHz / 16QAM



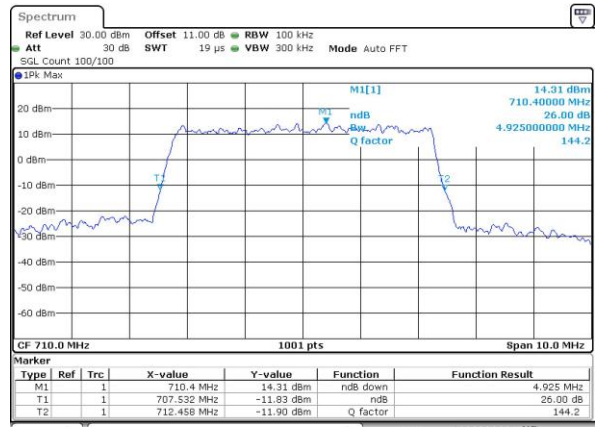
Date: 21_SEP.2018 02:57:147

Middle Channel / 5MHz / QPSK



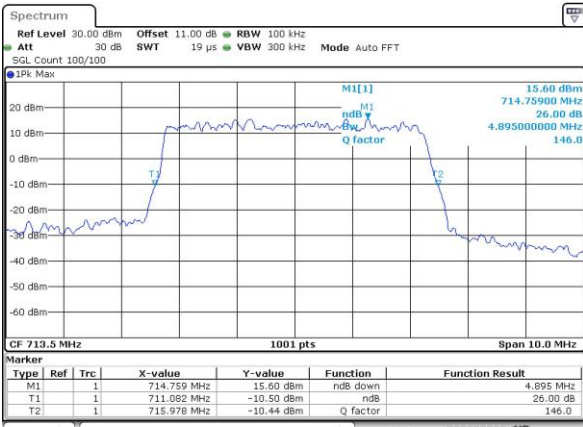
Date: 21_SEP.2018 03:04:56

Middle Channel / 5MHz / 16QAM



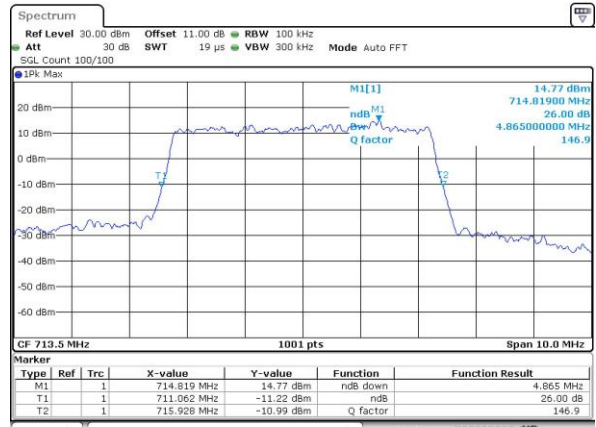
Date: 21_SEP.2018 03:05:109

Highest Channel / 5MHz / QPSK



Date: 21_SEP.2018 03:07:137

Highest Channel / 5MHz / 16QAM

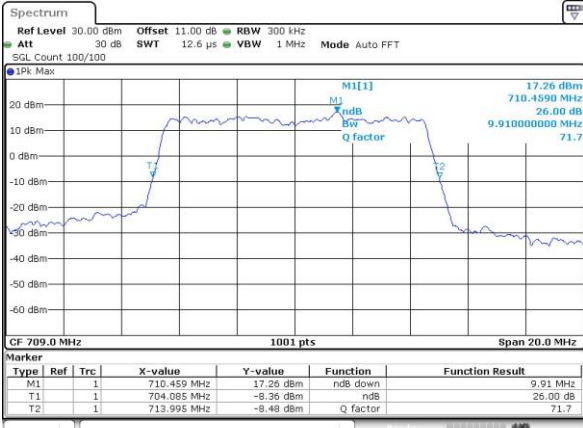


Date: 21_SEP.2018 03:07:149



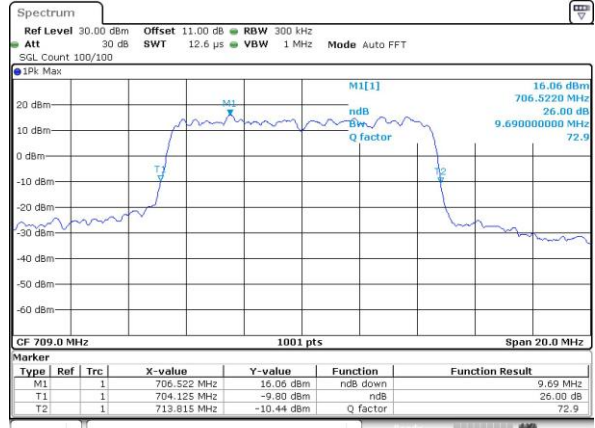
LTE Band 17

Lowest Channel / 10MHz / QPSK



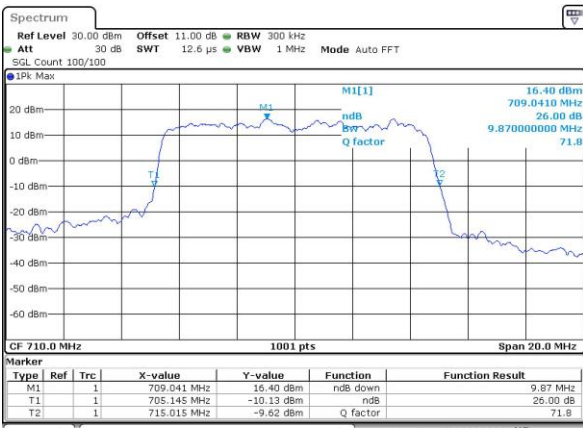
Date: 21.SEP.2018 03:14:58

Lowest Channel / 10MHz / 16QAM



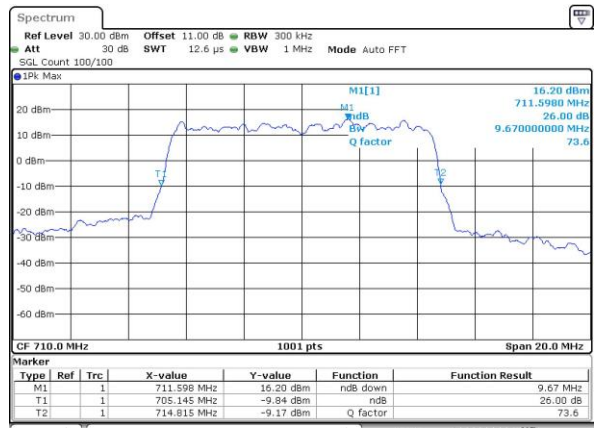
Date: 21.SEP.2018 03:15:10

Middle Channel / 10MHz / QPSK



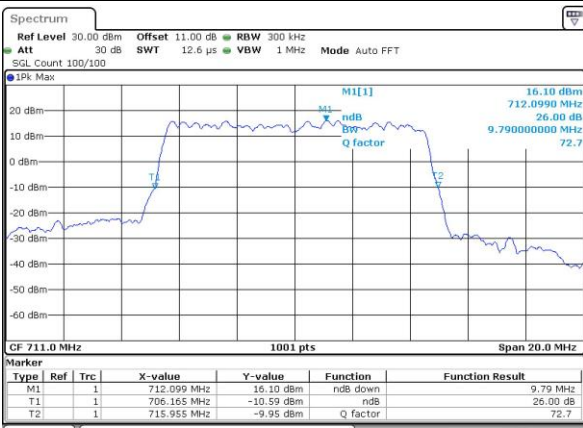
Date: 21.SEP.2018 03:22:18

Middle Channel / 10MHz / 16QAM



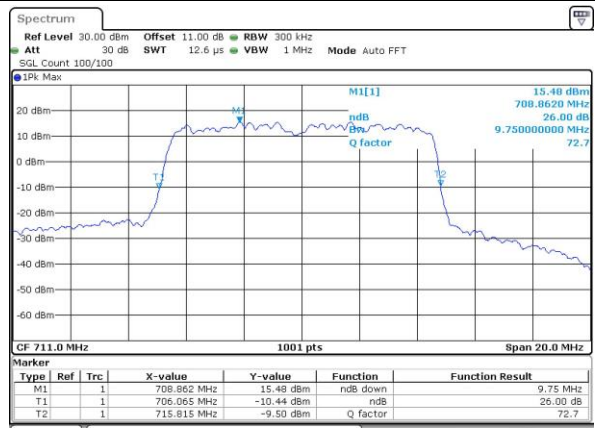
Date: 21.SEP.2018 03:22:31

Highest Channel / 10MHz / QPSK



Date: 21.SEP.2018 03:24:58

Highest Channel / 10MHz / 16QAM



Date: 21.SEP.2018 03:25:11



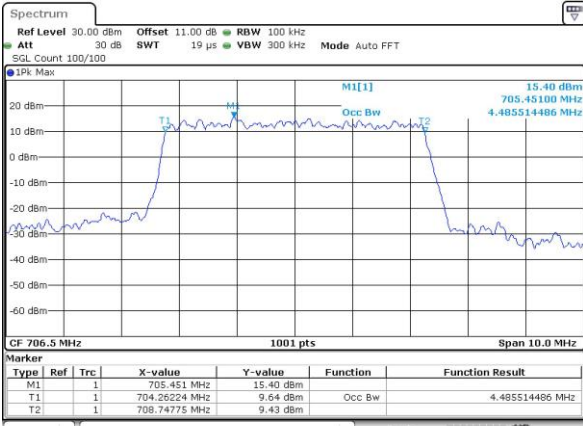
Occupied Bandwidth

Mode BW Mod.	LTE Band 17 : 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	4.49	9.05	9.01	-	-	-	-
Middle CH	-	-	-	-	4.51	4.5	9.05	9.03	-	-	-	-
Highest CH	-	-	-	-	4.5	4.48	8.99	9.01	-	-	-	-



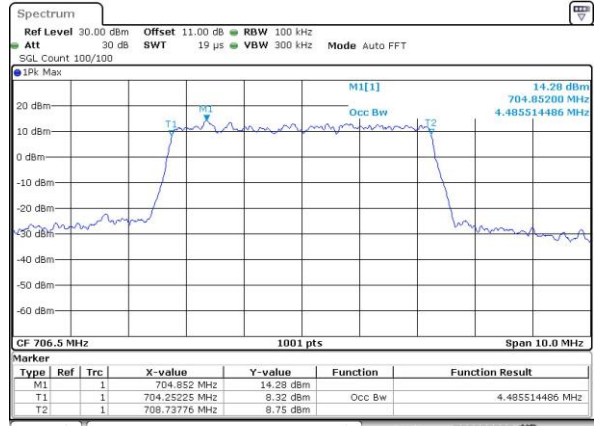
LTE Band 17

Lowest Channel / 5MHz / QPSK



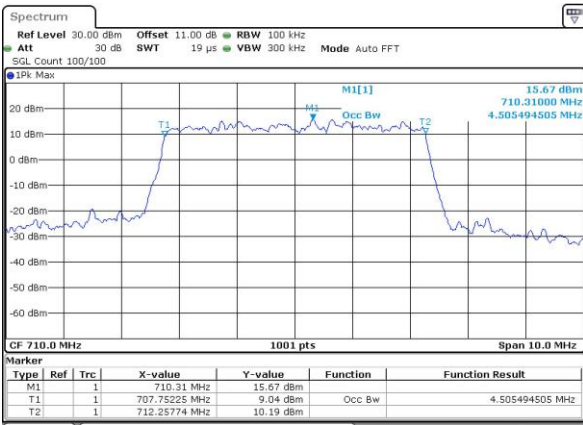
Date: 21_SEP.2018 02:57:08

Lowest Channel / 5MHz / 16QAM



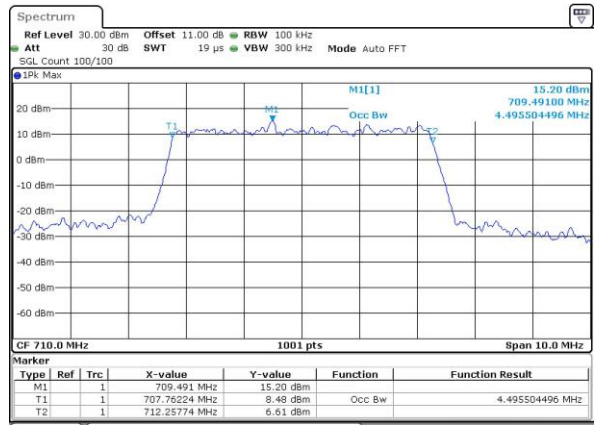
Date: 21_SEP.2018 02:57:12

Middle Channel / 5MHz / QPSK



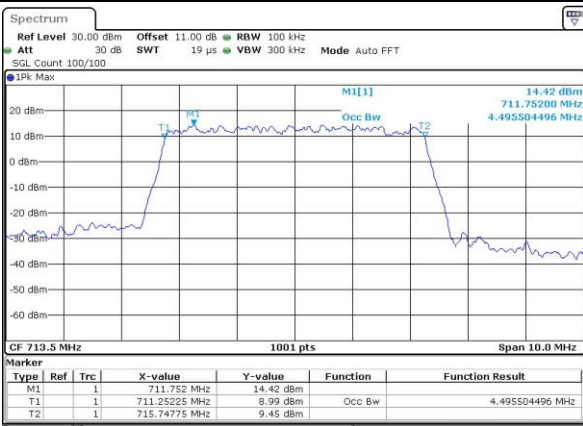
Date: 21_SEP.2018 03:04:30

Middle Channel / 5MHz / 16QAM



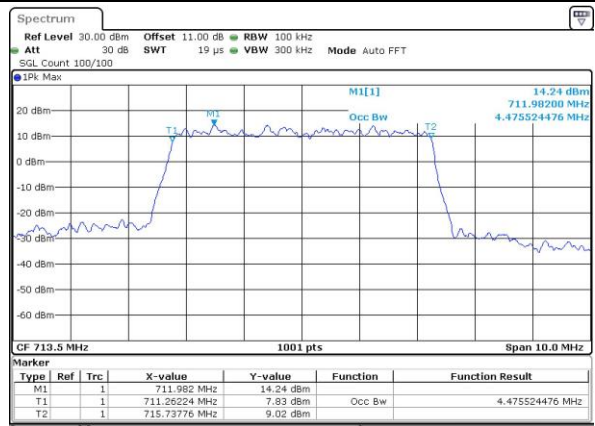
Date: 21_SEP.2018 03:04:43

Highest Channel / 5MHz / QPSK



Date: 21_SEP.2018 03:07:11

Highest Channel / 5MHz / 16QAM

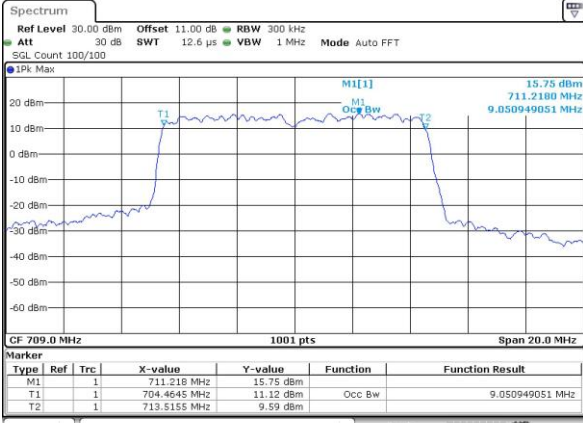


Date: 21_SEP.2018 03:07:24



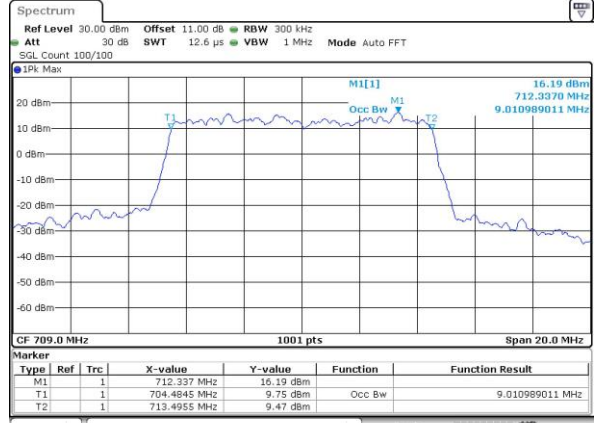
LTE Band 17

Lowest Channel / 10MHz / QPSK



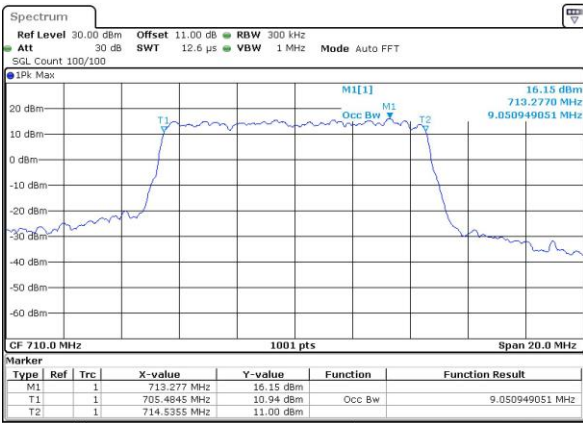
Date: 21.SEP.2018 03:14:32

Lowest Channel / 10MHz / 16QAM



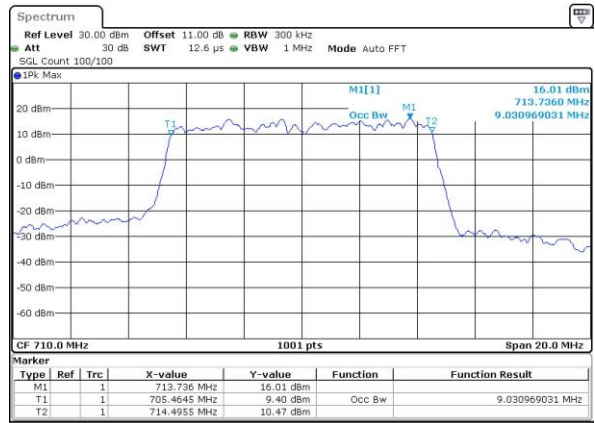
Date: 21.SEP.2018 03:14:45

Middle Channel / 10MHz / QPSK



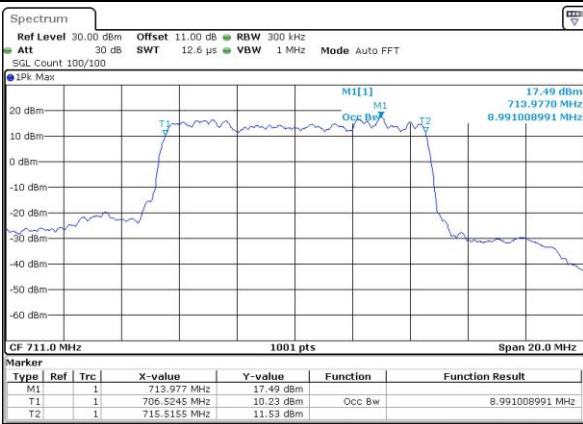
Date: 21.SEP.2018 03:21:52

Middle Channel / 10MHz / 16QAM



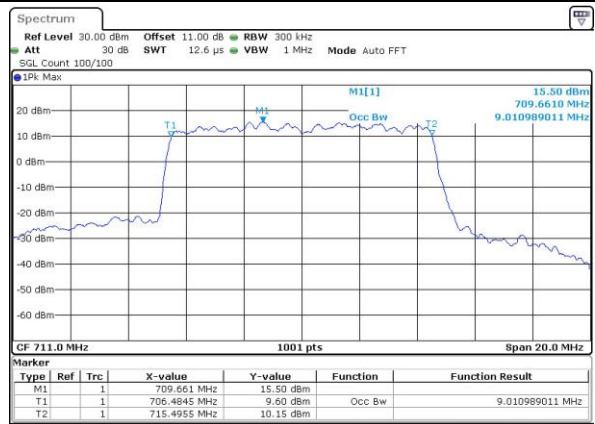
Date: 21.SEP.2018 03:22:05

Highest Channel / 10MHz / QPSK



Date: 21.SEP.2018 03:24:32

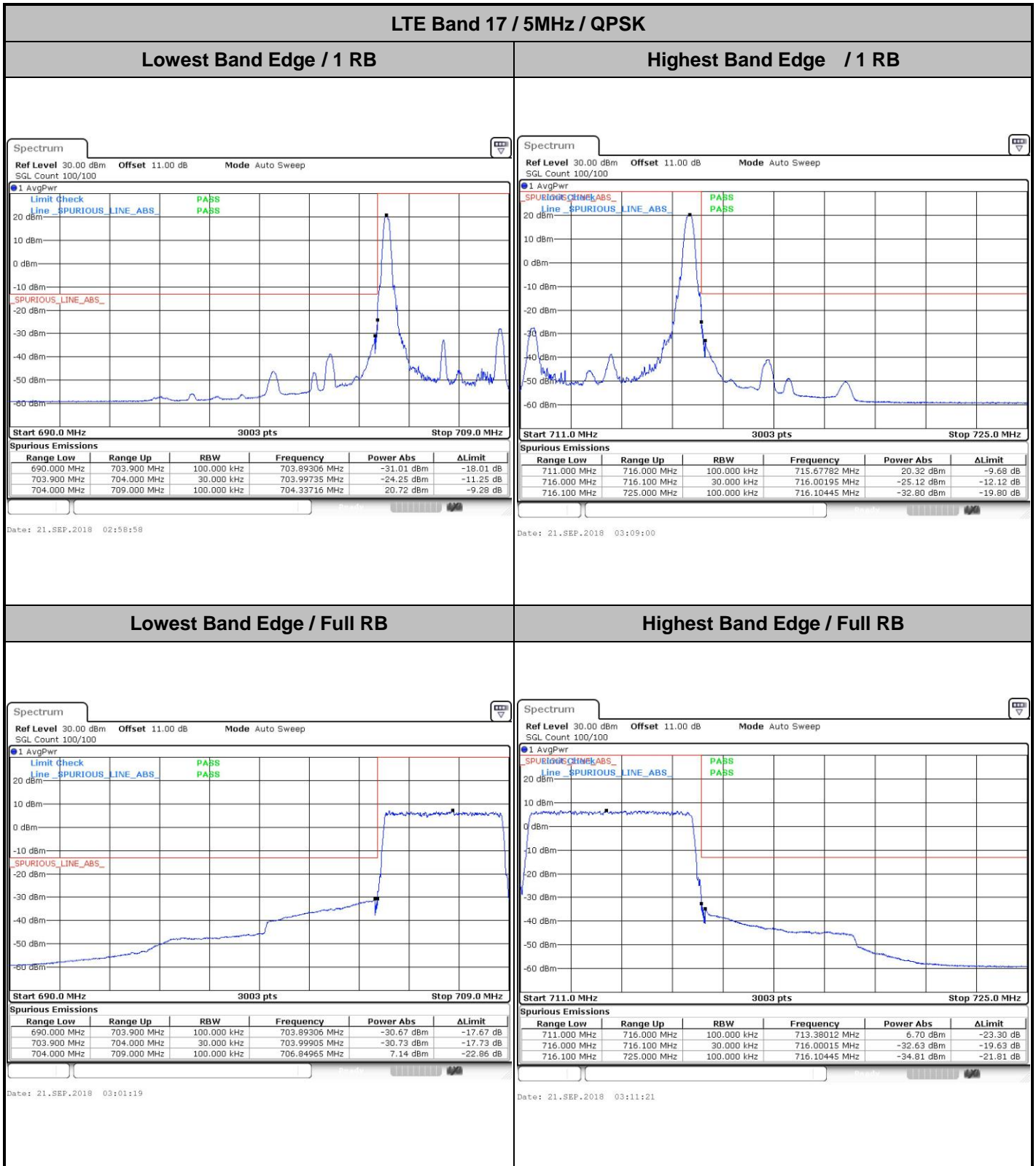
Highest Channel / 10MHz / 16QAM



Date: 21.SEP.2018 03:24:45



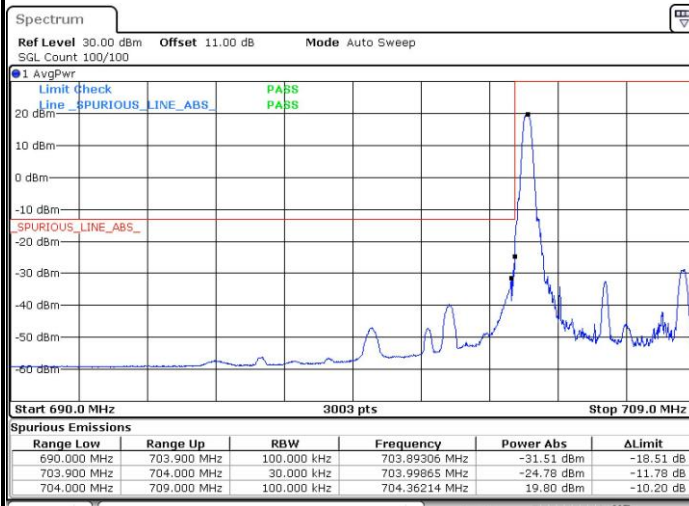
Conducted Band Edge





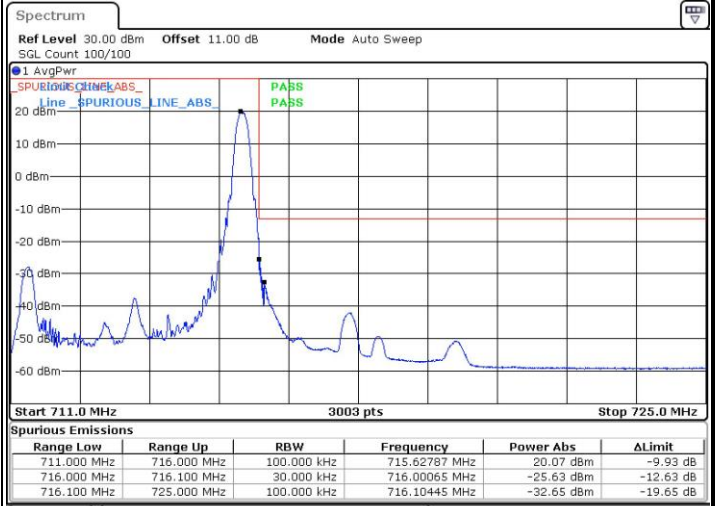
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



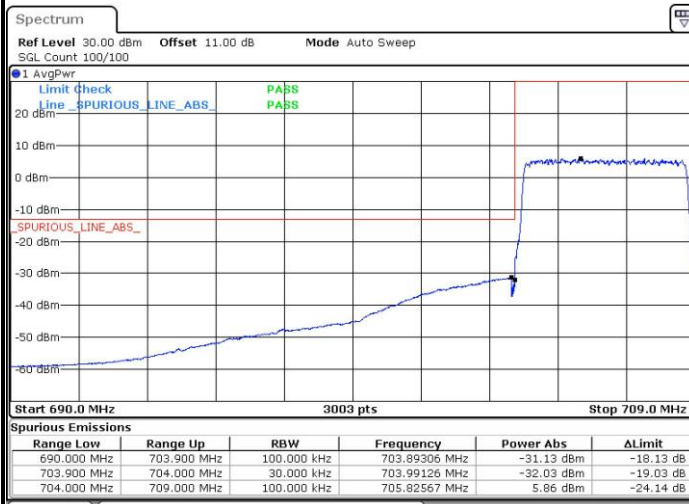
Date: 21.SEP.2018 03:00:08

Highest Band Edge / 1 RB



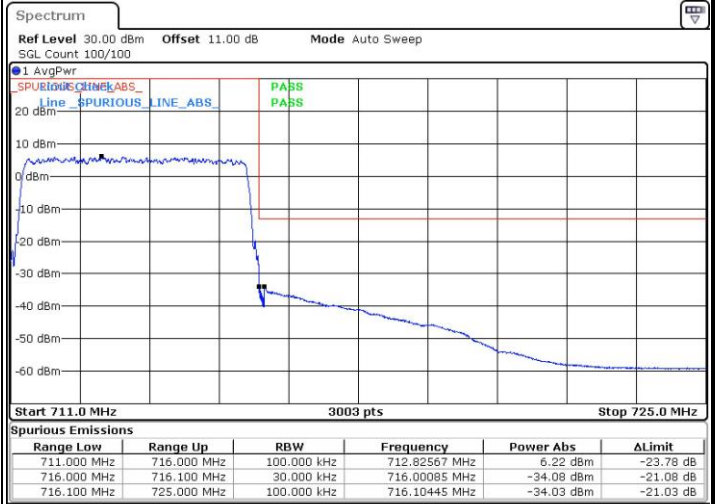
Date: 21.SEP.2018 03:10:10

Lowest Band Edge / Full RB



Date: 21.SEP.2018 03:02:29

Highest Band Edge / Full RB

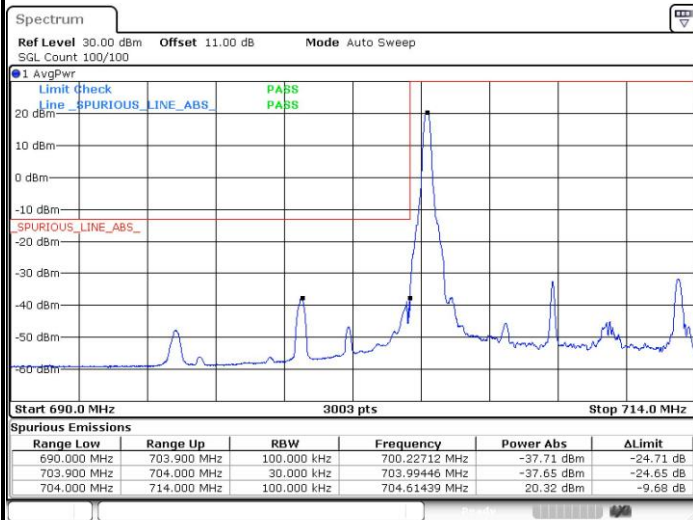


Date: 21.SEP.2018 03:12:31



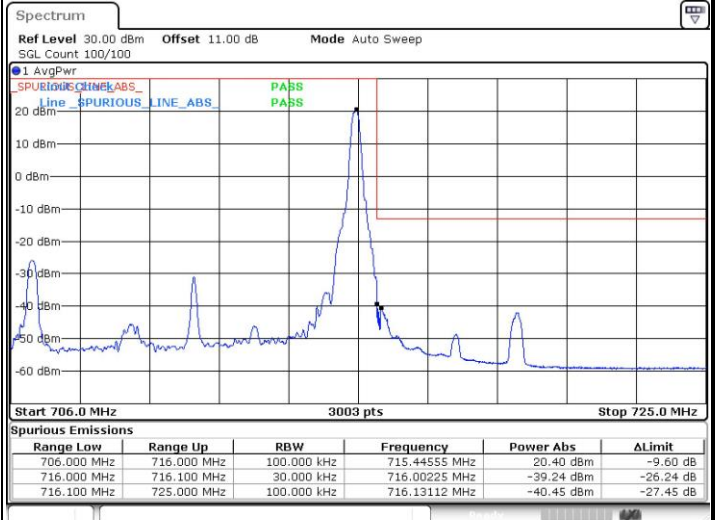
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



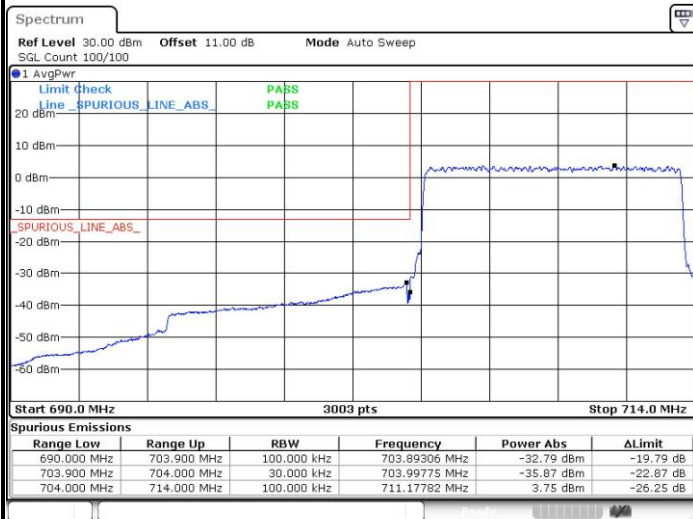
Date: 21.SEP.2018 03:16:21

Highest Band Edge / 1 RB



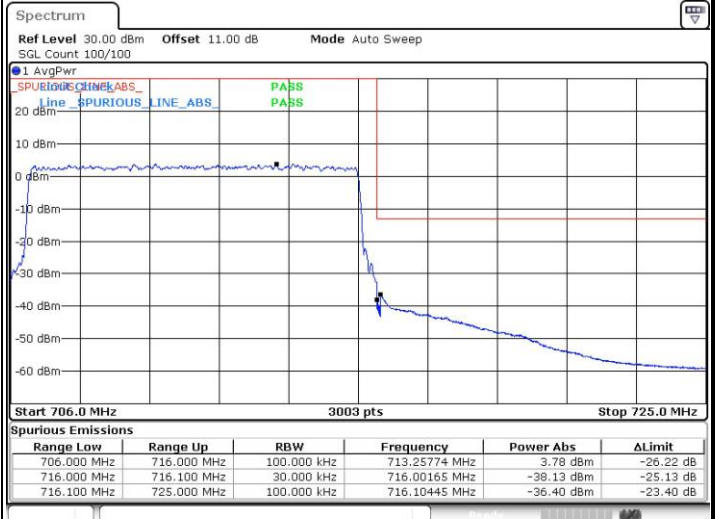
Date: 21.SEP.2018 03:26:21

Lowest Band Edge / Full RB



Date: 21.SEP.2018 03:18:41

Highest Band Edge / Full RB

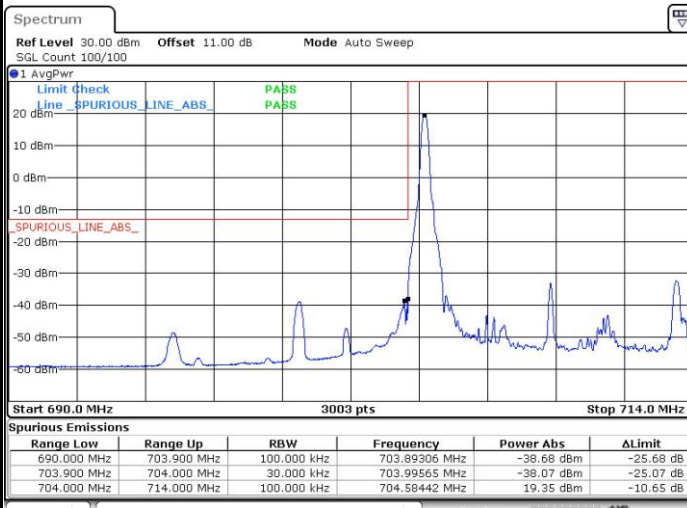


Date: 21.SEP.2018 03:28:42



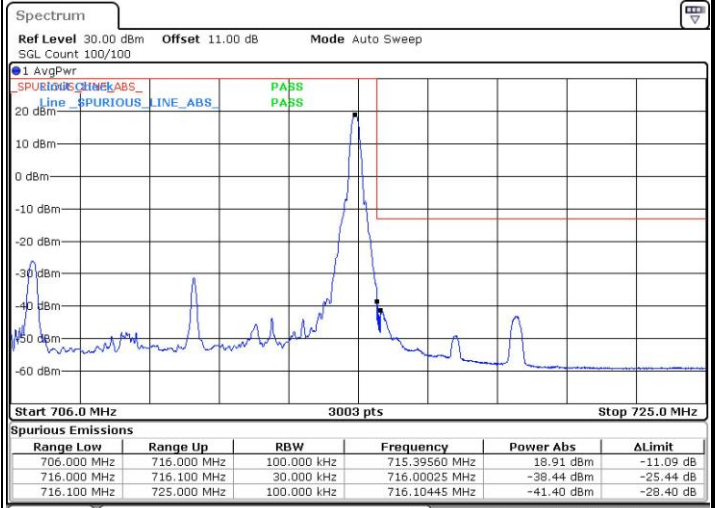
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



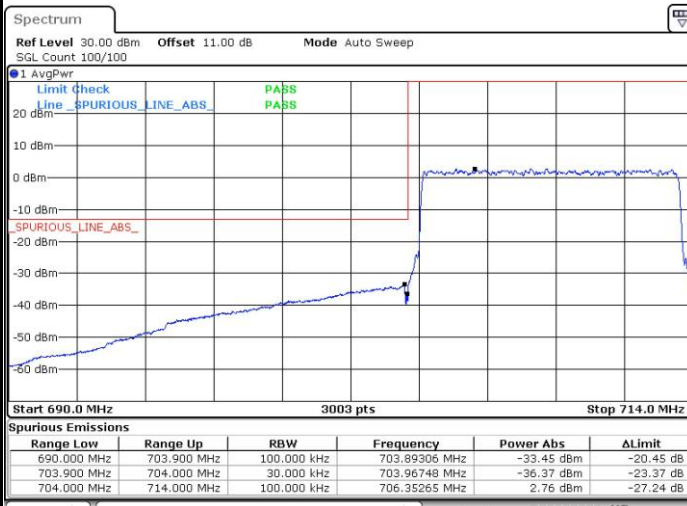
Date: 21.SEP.2018 03:17:31

Highest Band Edge / 1 RB



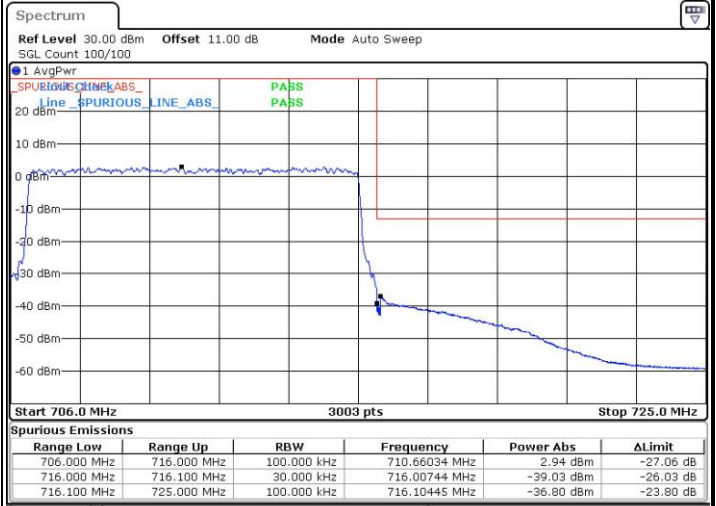
Date: 21.SEP.2018 03:27:32

Lowest Band Edge / Full RB



Date: 21.SEP.2018 03:19:51

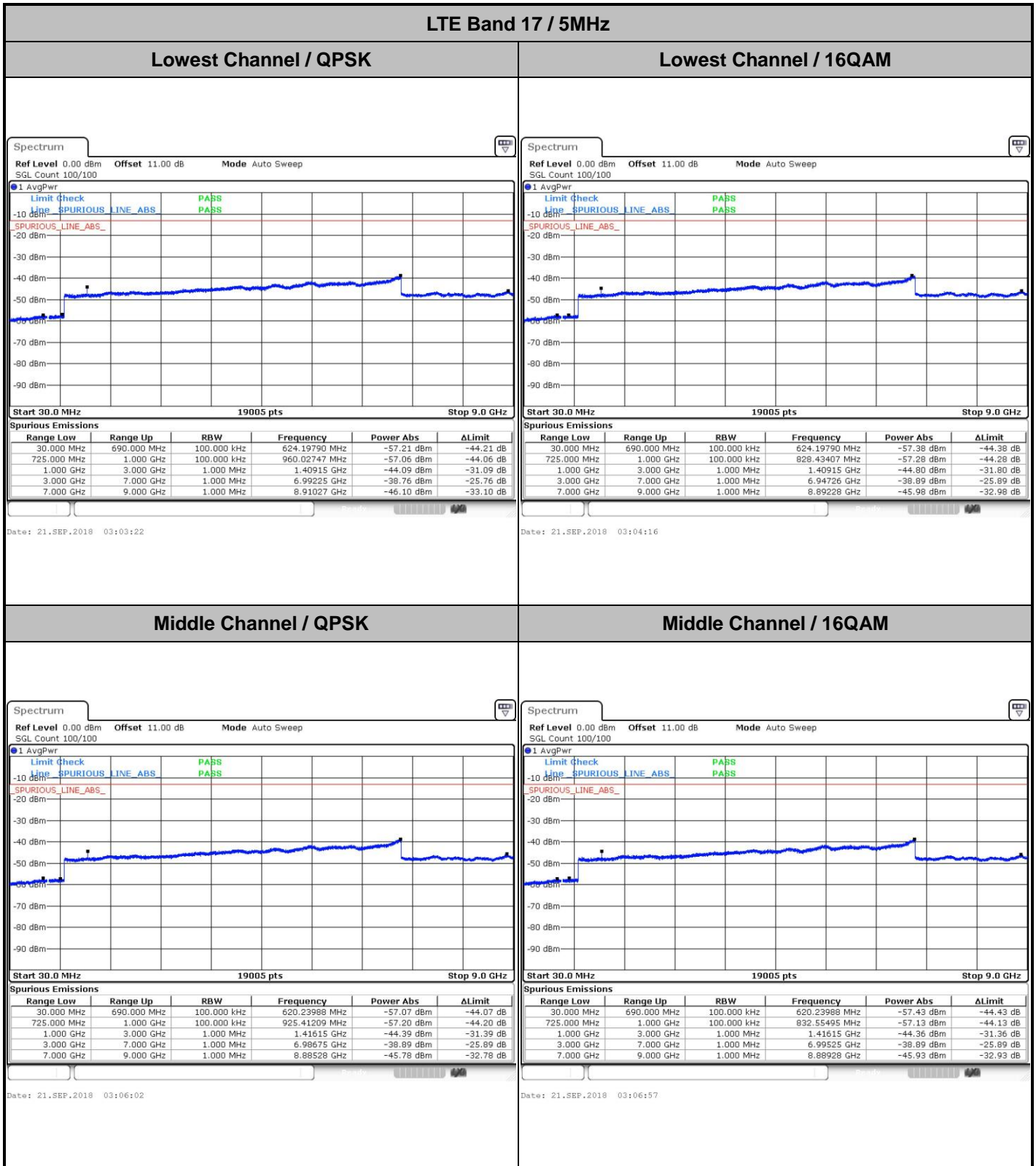
Highest Band Edge / Full RB



Date: 21.SEP.2018 03:29:52



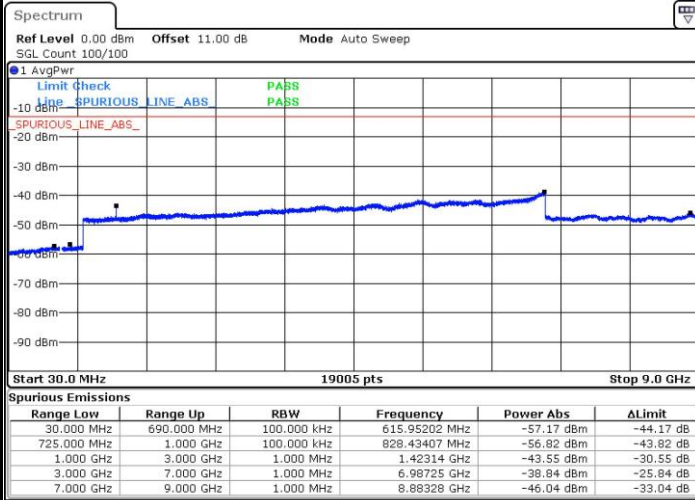
Conducted Spurious Emission





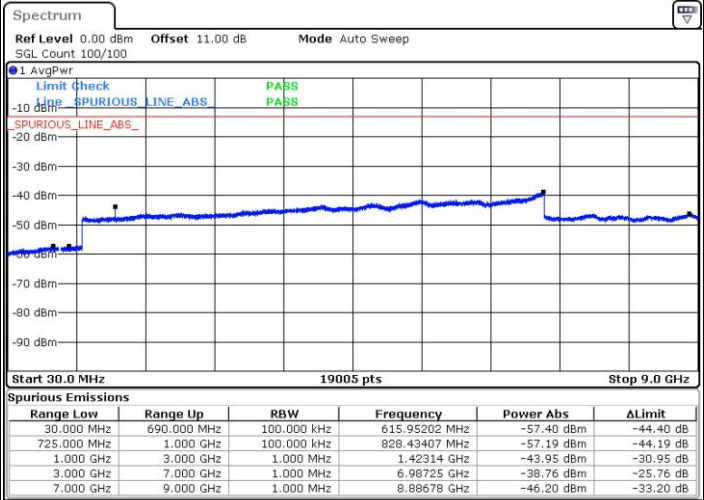
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 21.SEP.2018 03:13:24

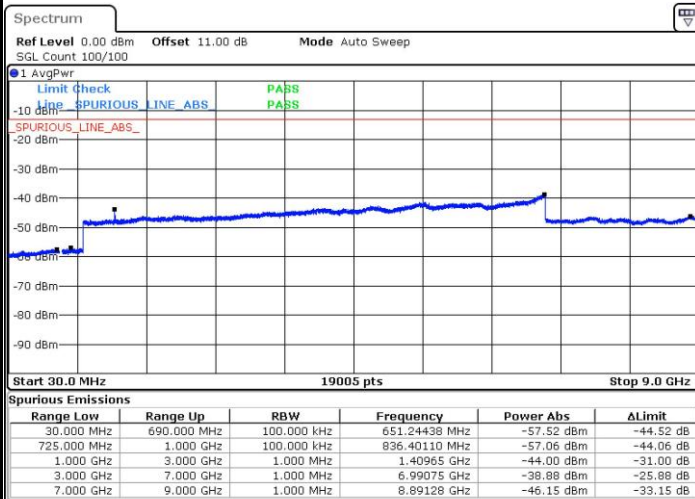
Highest Channel / 16QAM



Date: 21.SEP.2018 03:14:18

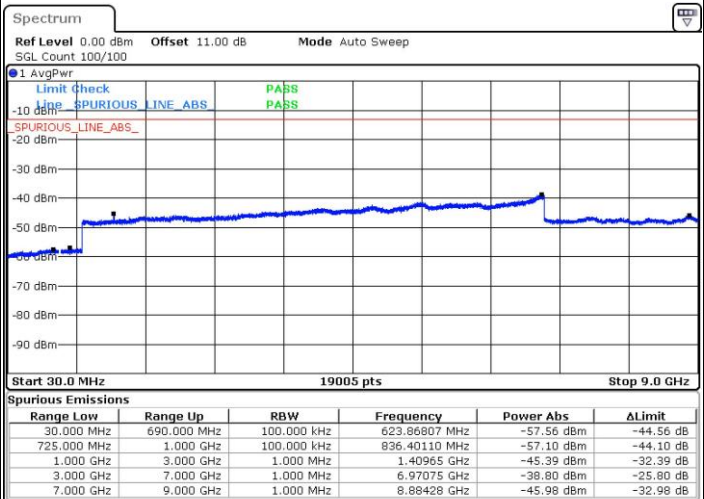
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 21.SEP.2018 03:20:45

Lowest Channel / 16QAM



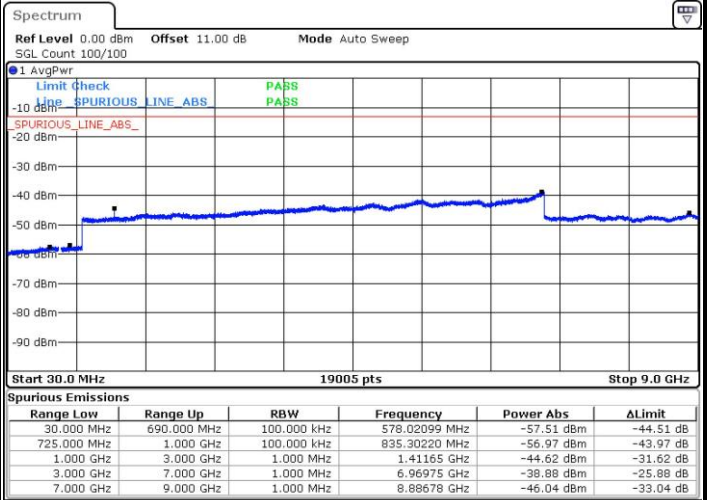
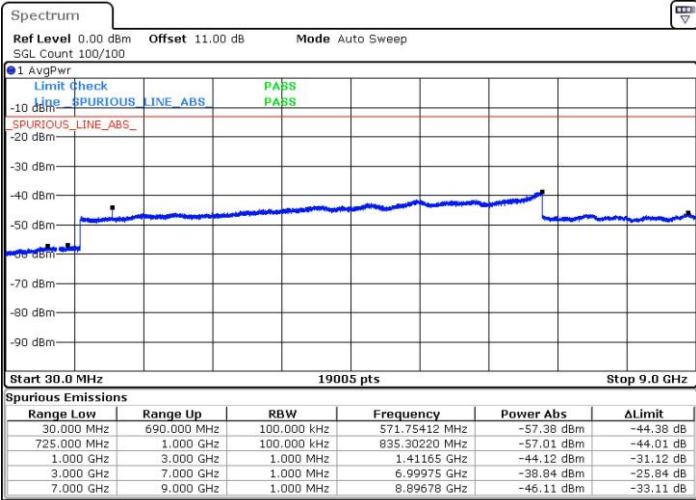
Date: 21.SEP.2018 03:21:39



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

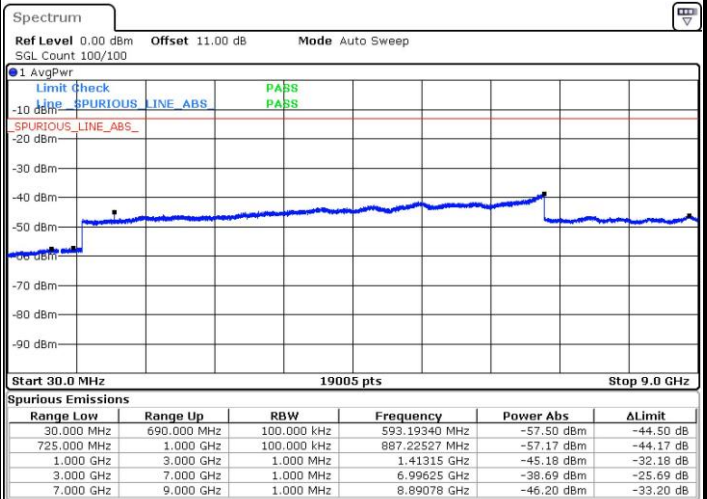
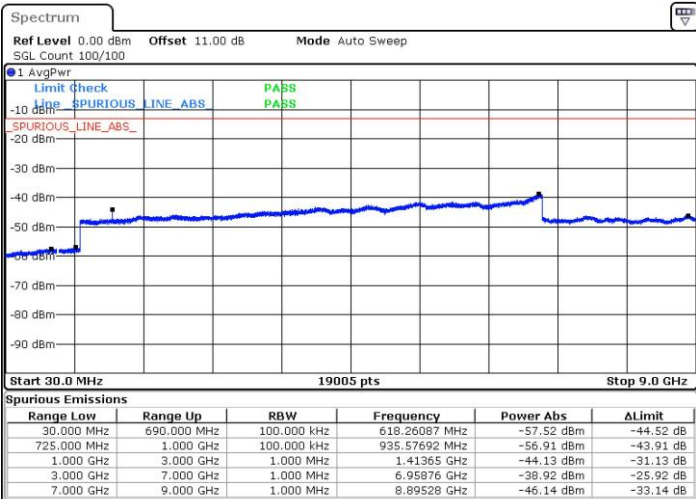


Date: 21.SEP.2018 03:23:25

Date: 21.SEP.2018 03:24:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.SEP.2018 03:30:45

Date: 21.SEP.2018 03:31:40



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0079	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0076	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

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 25

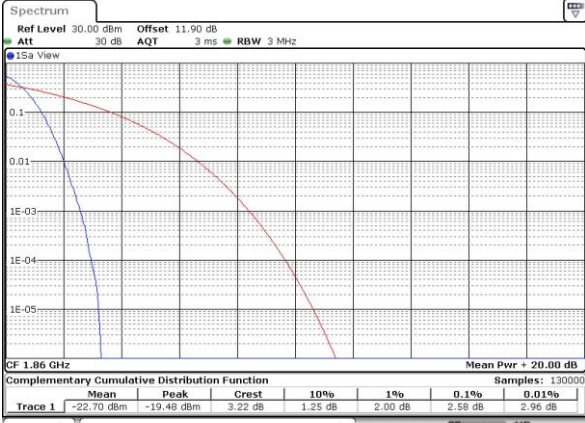
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	2.58	7.13	2.72	7.36	PASS
Middle CH	2.99	6.87	3.04	7.39	
Highest CH	3.19	6.96	2.96	7.33	



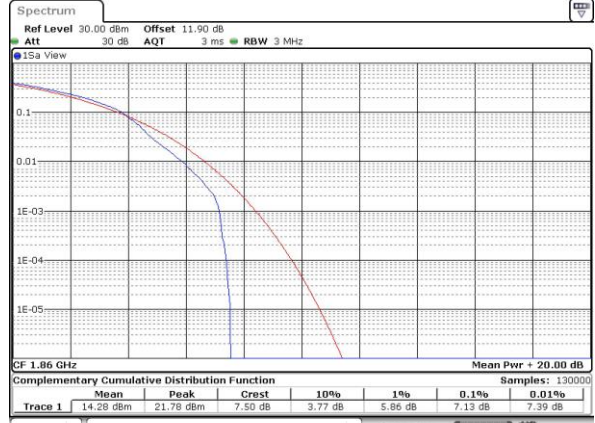
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



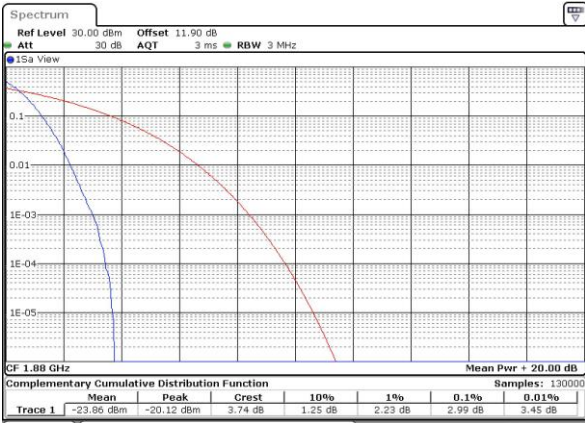
Date: 25_SEP.2018 02:18:19

Lowest Channel / Full RB



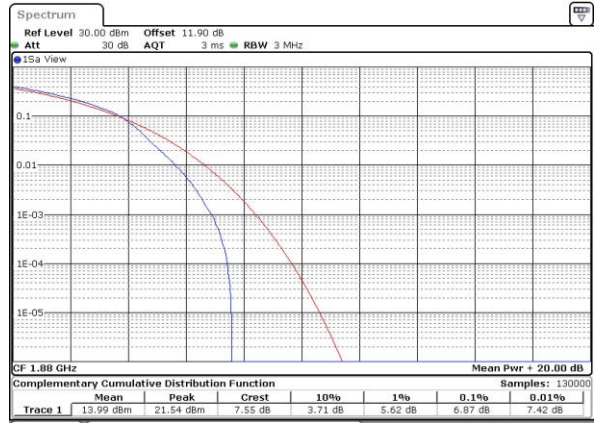
Date: 25_SEP.2018 02:18:29

Middle Channel / 1RB



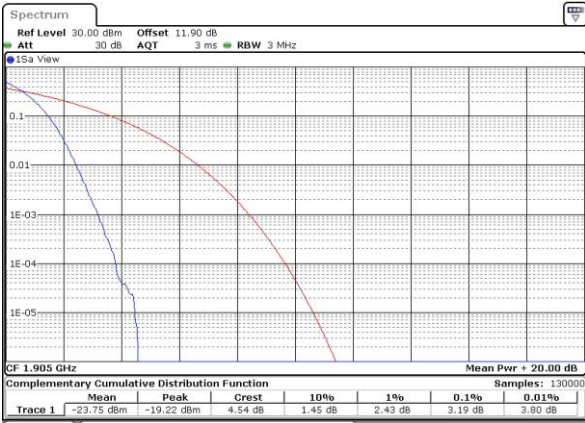
Date: 25_SEP.2018 02:19:01

Middle Channel / Full RB



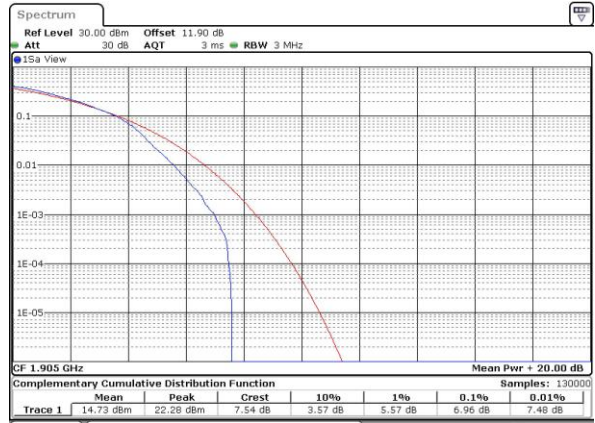
Date: 25_SEP.2018 02:19:11

Highest Channel / 1RB



Date: 25_SEP.2018 02:19:42

Highest Channel / Full RB



Date: 25_SEP.2018 02:19:52



LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 25_SEP.2018 02:17:59

Lowest Channel / Full RB



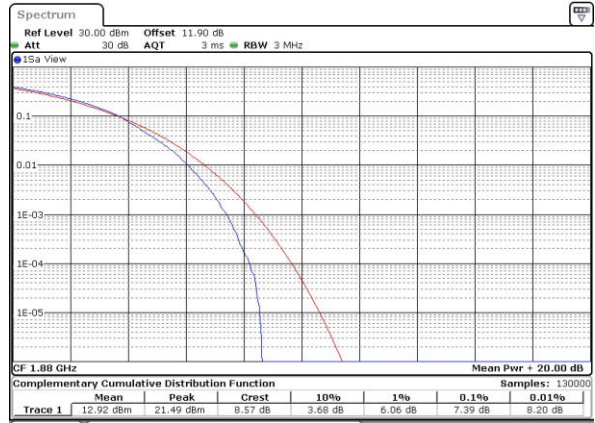
Date: 25_SEP.2018 02:18:09

Middle Channel / 1RB



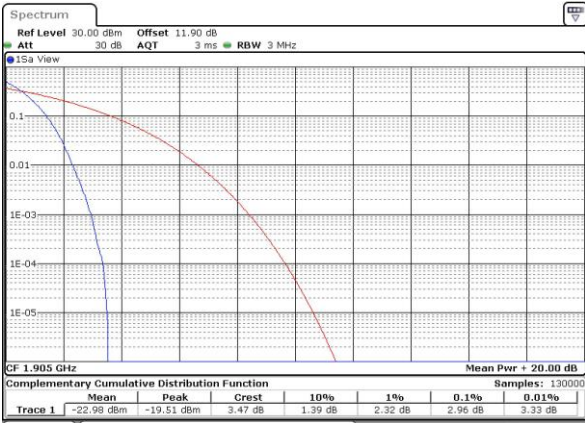
Date: 25_SEP.2018 02:18:40

Middle Channel / Full RB



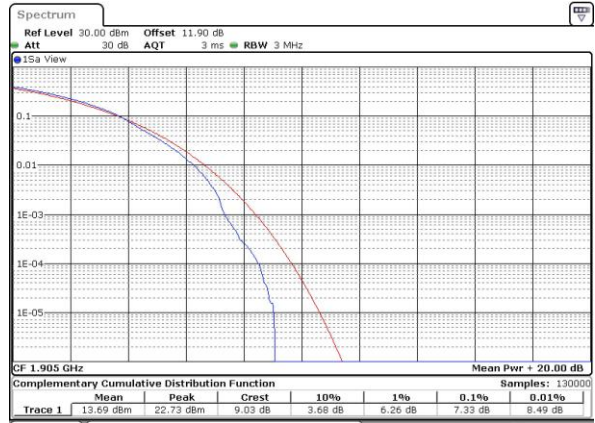
Date: 25_SEP.2018 02:18:50

Highest Channel / 1RB



Date: 25_SEP.2018 02:19:21

Highest Channel / Full RB



Date: 25_SEP.2018 02:19:31



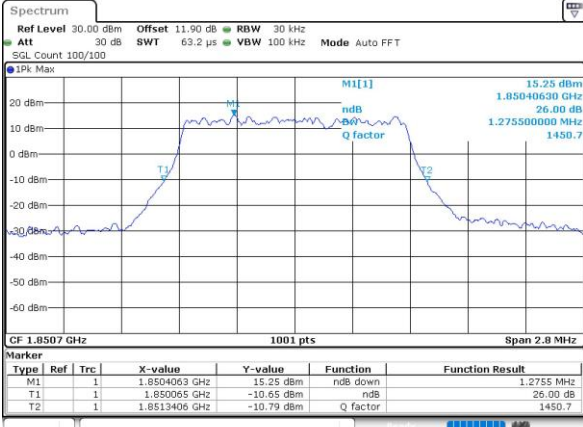
26dB Bandwidth

Mode BW Mod.	LTE Band 25 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.27	3.02	3.01	4.88	4.94	10.01	9.93	14.27	14.54	20.22	20.22
Middle CH	1.28	1.26	3.01	3.05	4.96	4.90	9.87	9.73	14.42	14.36	20.34	20.3
Highest CH	1.28	1.28	2.99	3.04	4.93	4.90	9.67	9.71	14.27	14.36	20.18	20.14



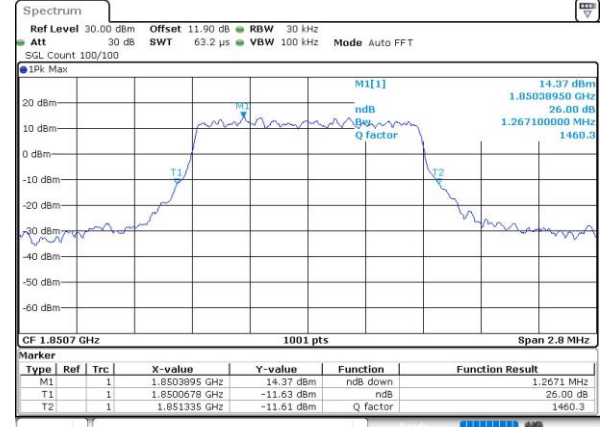
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



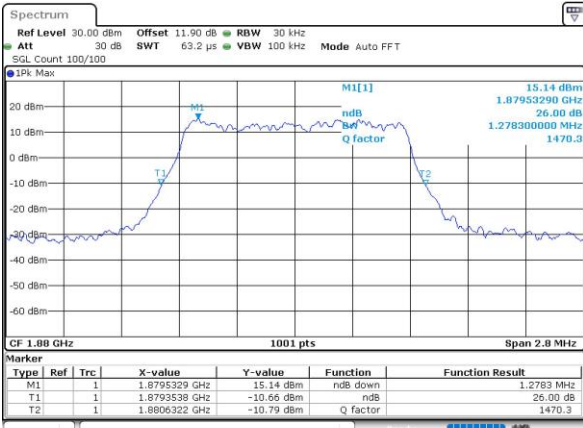
Date: 25_SEP.2018 02:10:121

Lowest Channel / 1.4MHz / 16QAM



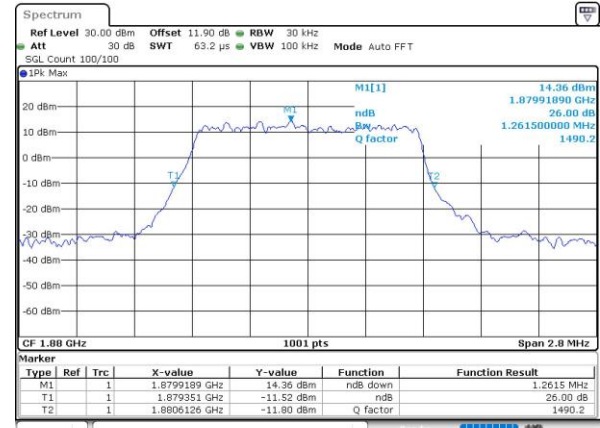
Date: 25_SEP.2018 02:10:132

Middle Channel / 1.4MHz / QPSK



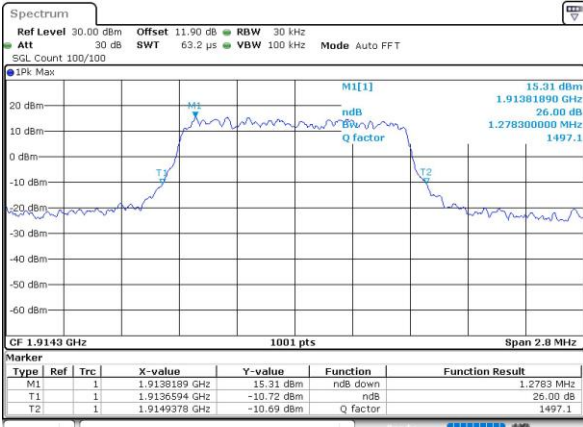
Date: 25_SEP.2018 02:10:116

Middle Channel / 1.4MHz / 16QAM



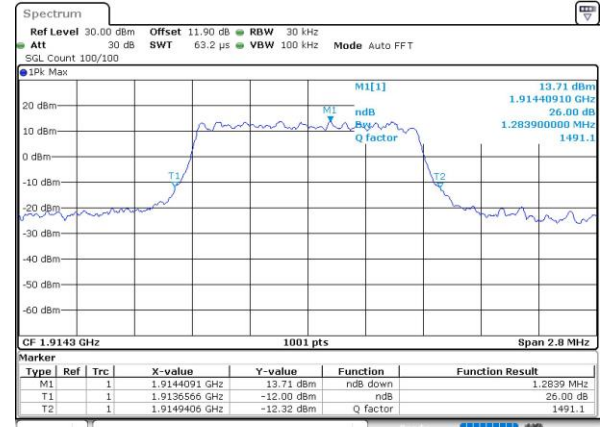
Date: 25_SEP.2018 02:10:127

Highest Channel / 1.4MHz / QPSK



Date: 25_SEP.2018 02:11:113

Highest Channel / 1.4MHz / 16QAM



Date: 25_SEP.2018 02:11:101