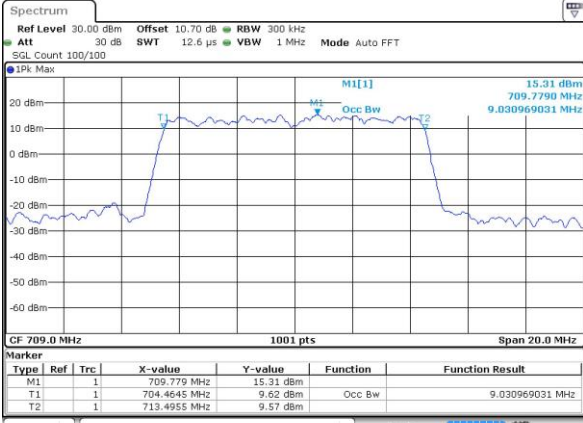




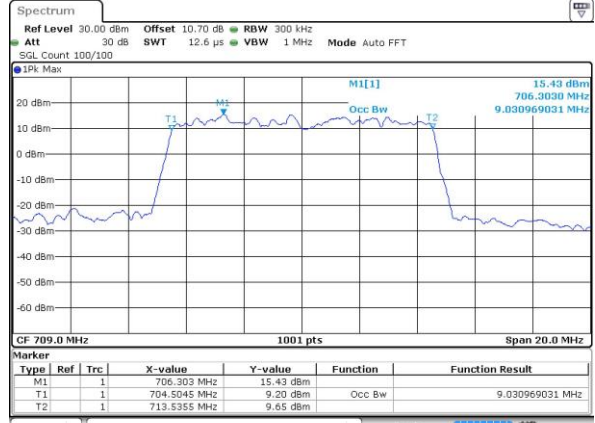
LTE Band 17

Lowest Channel / 10MHz / QPSK



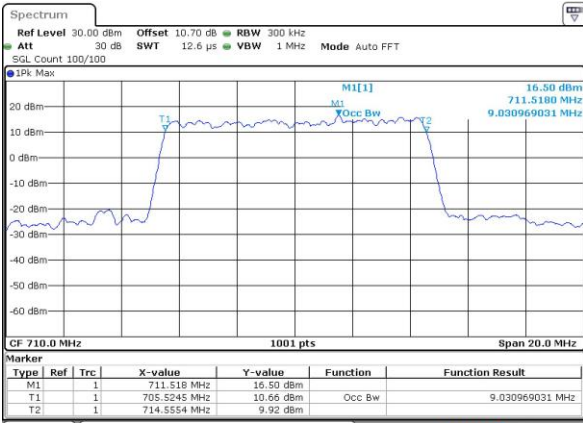
Date: 19 JUN 2017 21:54:35

Lowest Channel / 10MHz / 16QAM



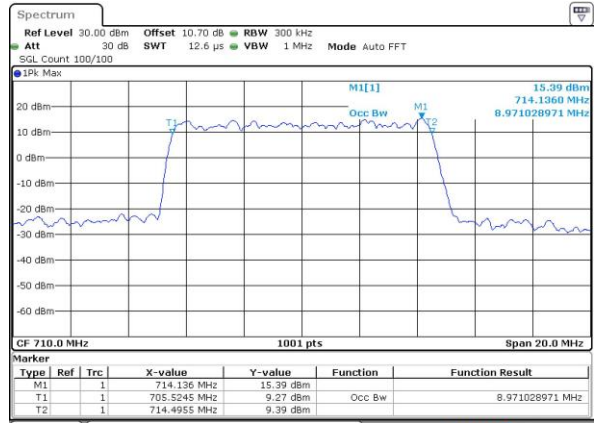
Date: 19 JUN 2017 21:54:46

Middle Channel / 10MHz / QPSK



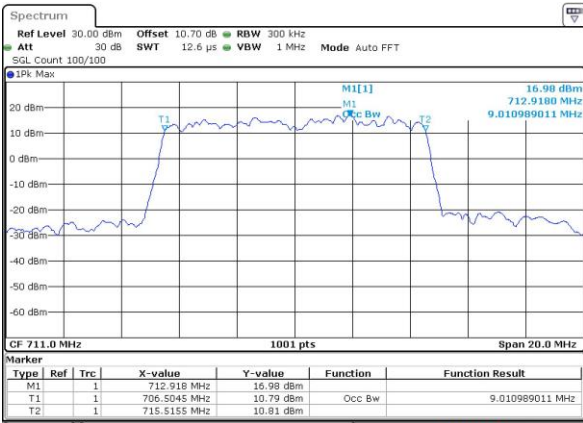
Date: 19 JUN 2017 22:01:42

Middle Channel / 10MHz / 16QAM



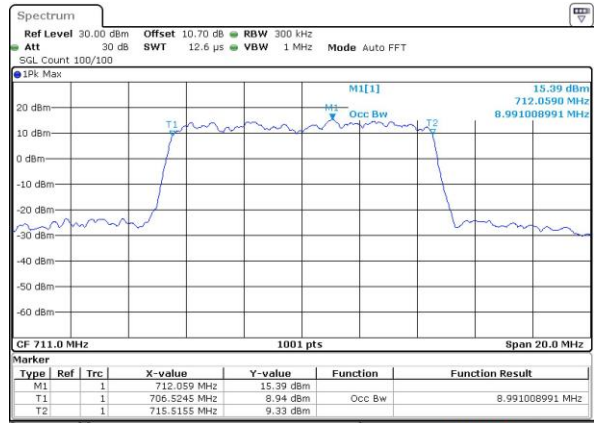
Date: 19 JUN 2017 22:01:52

Highest Channel / 10MHz / QPSK



Date: 19 JUN 2017 22:04:12

Highest Channel / 10MHz / 16QAM



Date: 19 JUN 2017 22:04:22

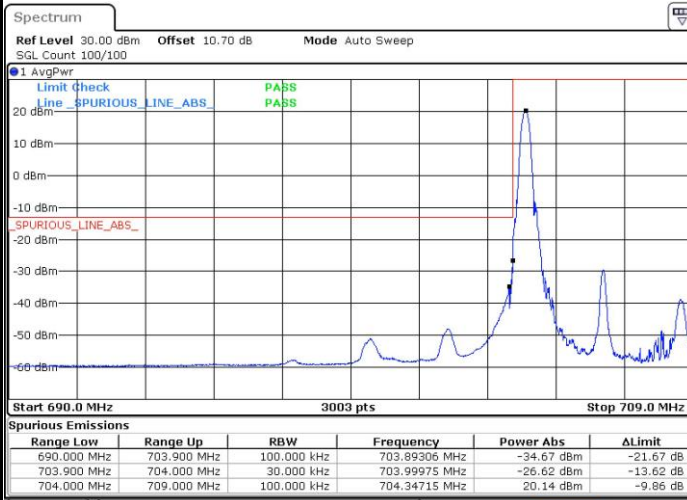


Conducted Band Edge



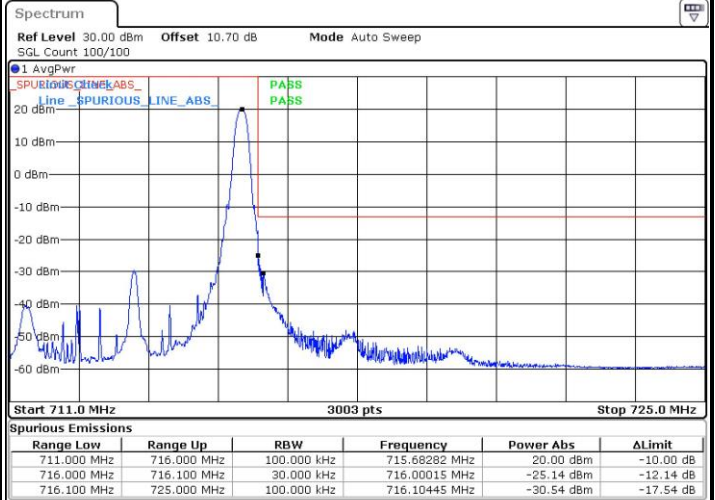
LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



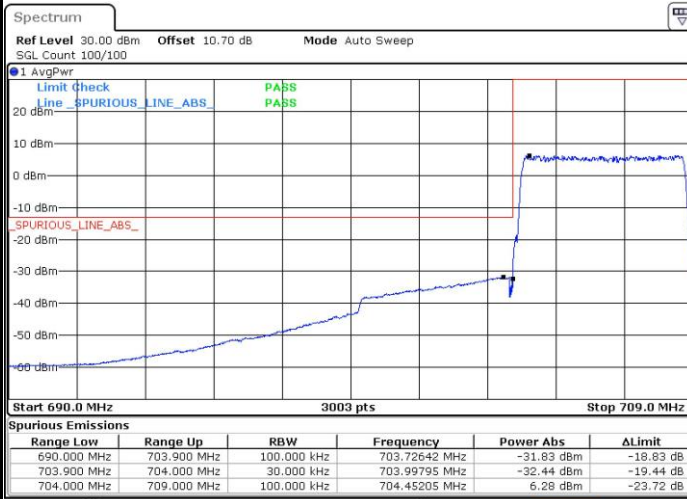
Date: 19 JUN 2017 21:39:30

Highest Band Edge / 1 RB



Date: 19 JUN 2017 21:49:08

Lowest Band Edge / Full RB



Date: 19 JUN 2017 21:41:49

Highest Band Edge / Full RB

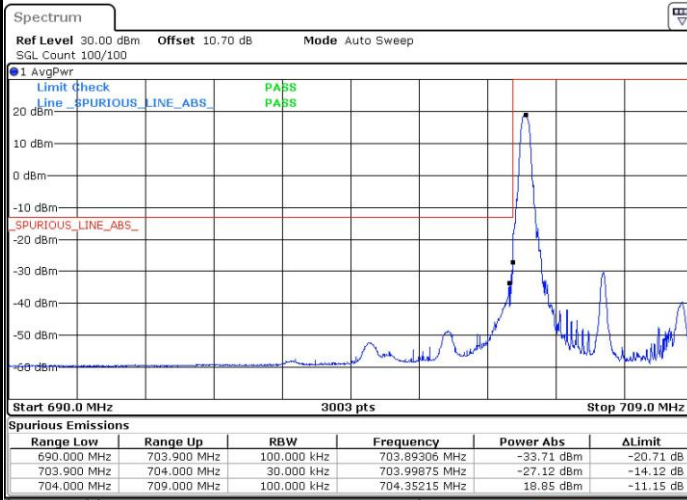


Date: 19 JUN 2017 21:51:27



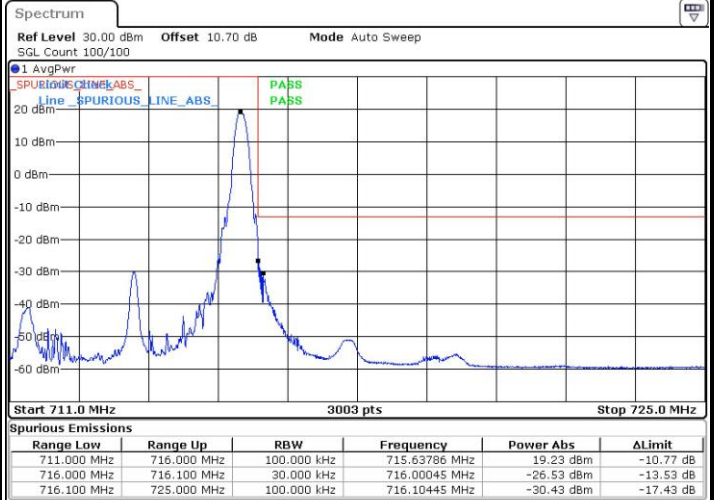
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 19 JUN 2017 21:40:39

Highest Band Edge / 1 RB



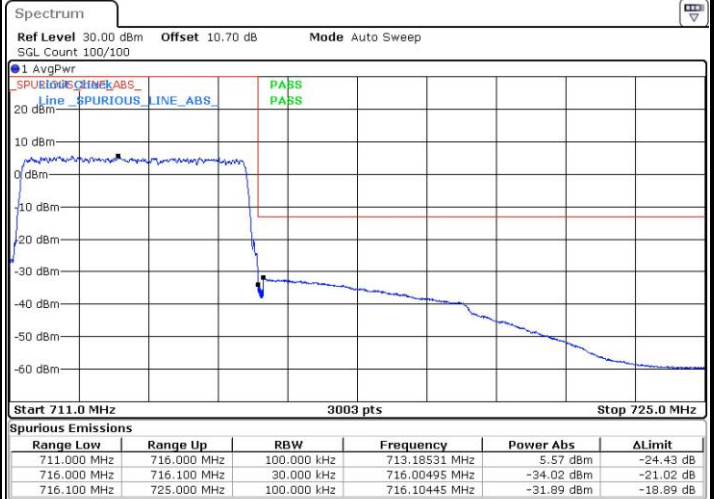
Date: 19 JUN 2017 21:50:18

Lowest Band Edge / Full RB



Date: 19 JUN 2017 21:42:58

Highest Band Edge / Full RB

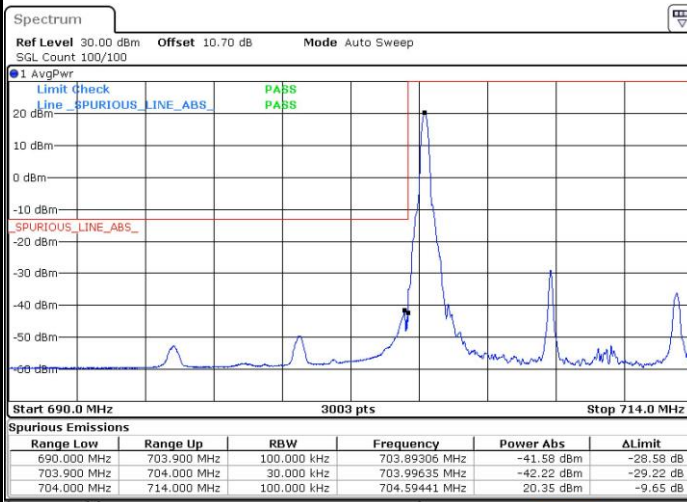


Date: 19 JUN 2017 21:52:36



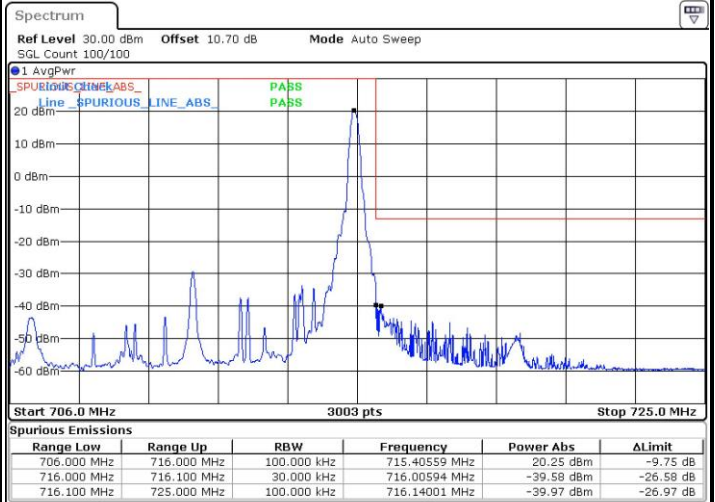
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



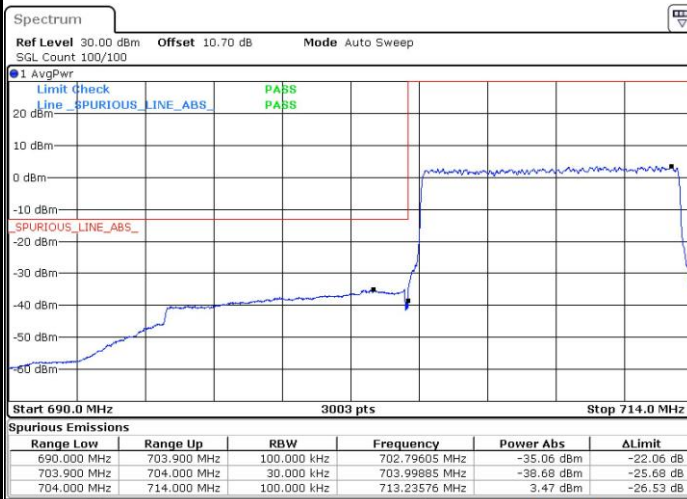
Date: 19 JUN 2017 21:56:15

Highest Band Edge / 1 RB



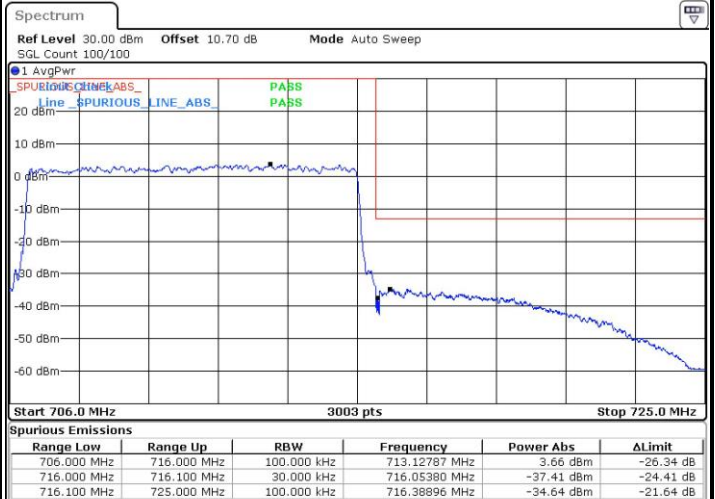
Date: 19 JUN 2017 22:05:52

Lowest Band Edge / Full RB



Date: 19 JUN 2017 21:58:33

Highest Band Edge / Full RB

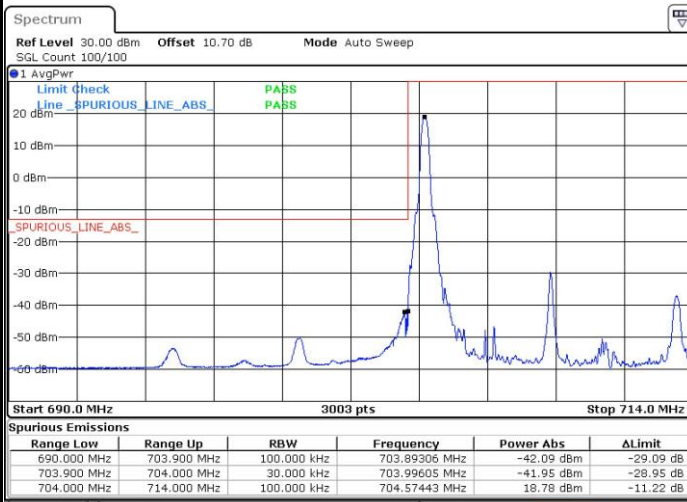


Date: 19 JUN 2017 22:08:10



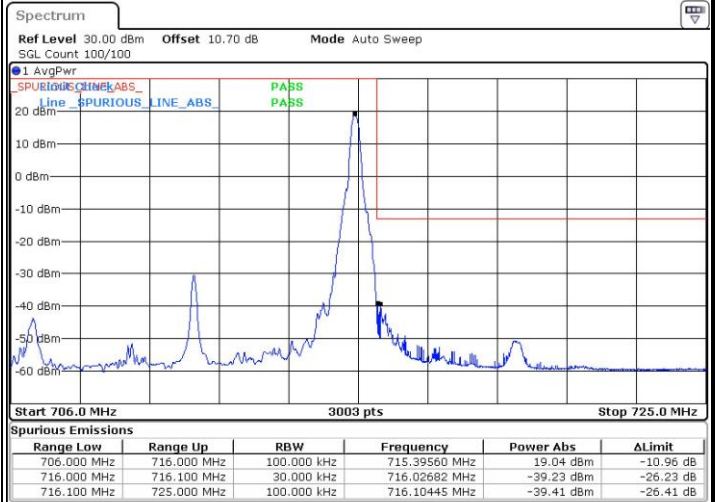
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



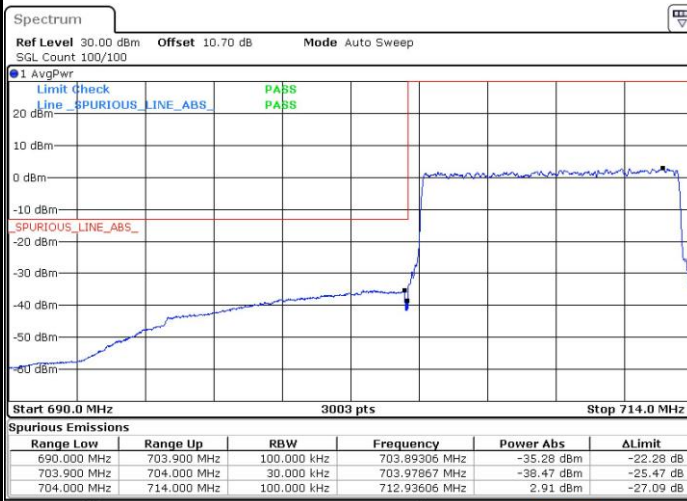
Date: 19 JUN 2017 21:57:24

Highest Band Edge / 1 RB



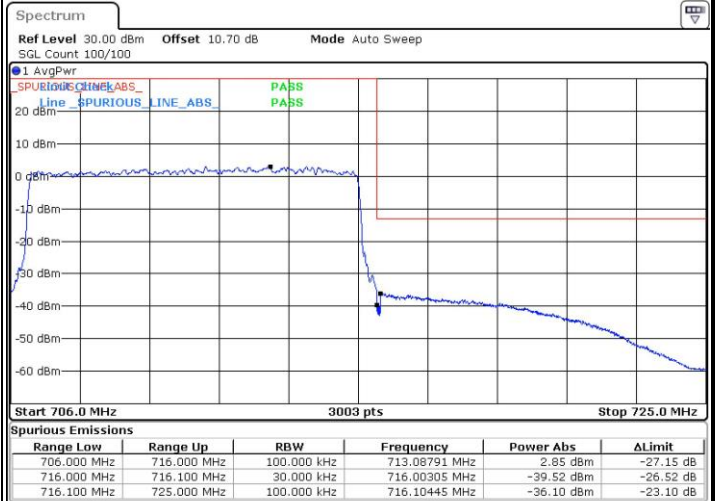
Date: 19 JUN 2017 22:07:01

Lowest Band Edge / Full RB



Date: 19 JUN 2017 21:59:42

Highest Band Edge / Full RB



Date: 19 JUN 2017 22:09:19



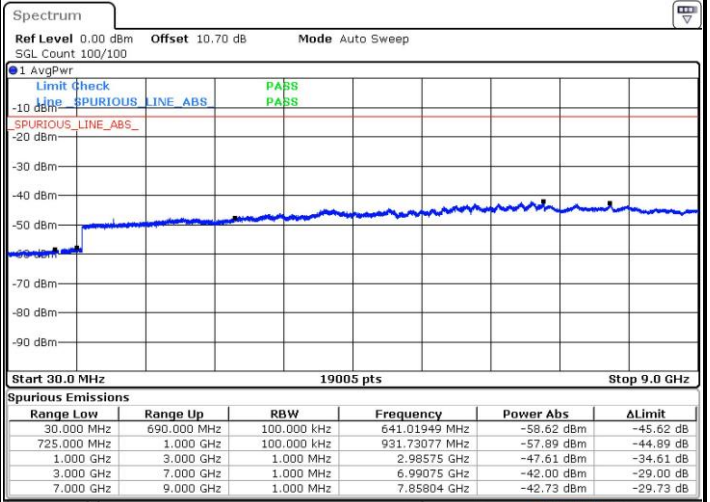
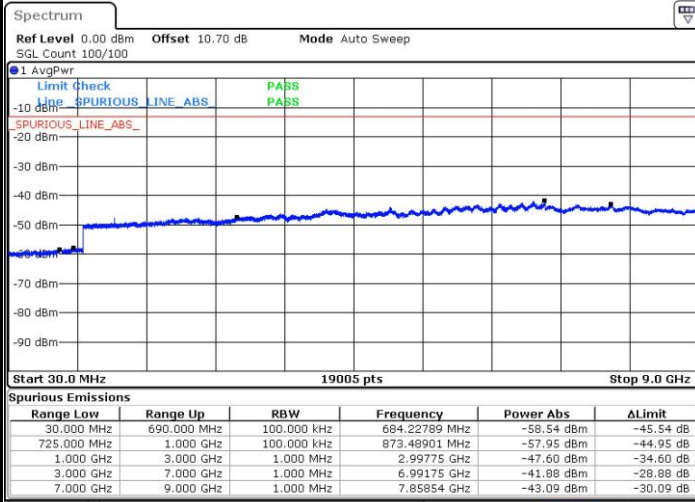
Conducted Spurious Emission



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

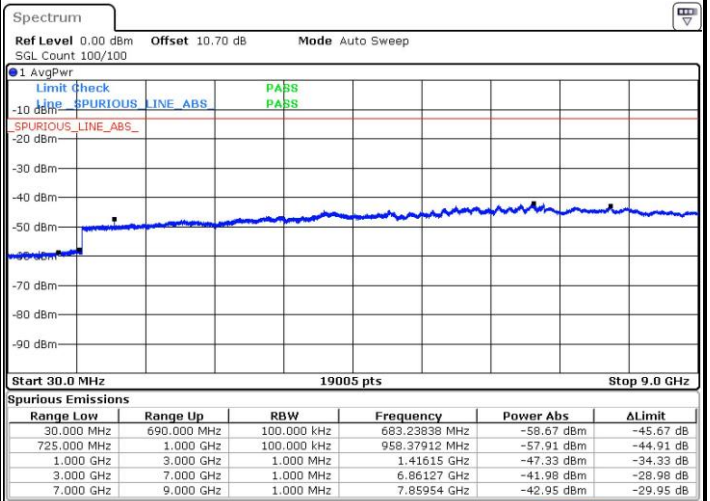
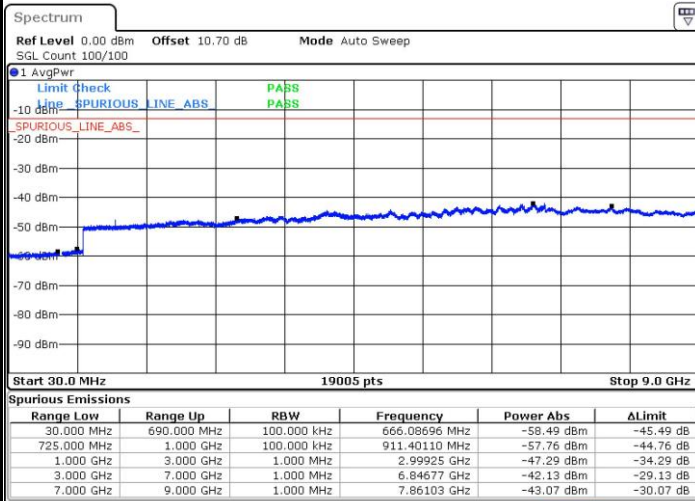


Date: 19 JUN 2017 21:43:52

Date: 19 JUN 2017 21:44:47

Middle Channel / QPSK

Middle Channel / 16QAM



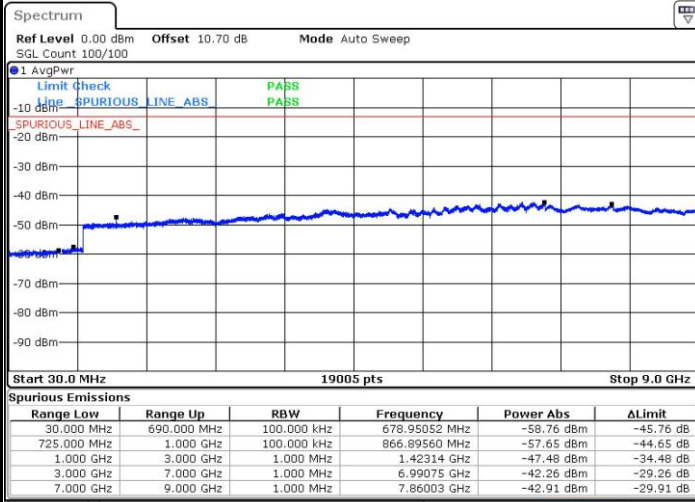
Date: 19 JUN 2017 21:46:23

Date: 19 JUN 2017 21:47:18



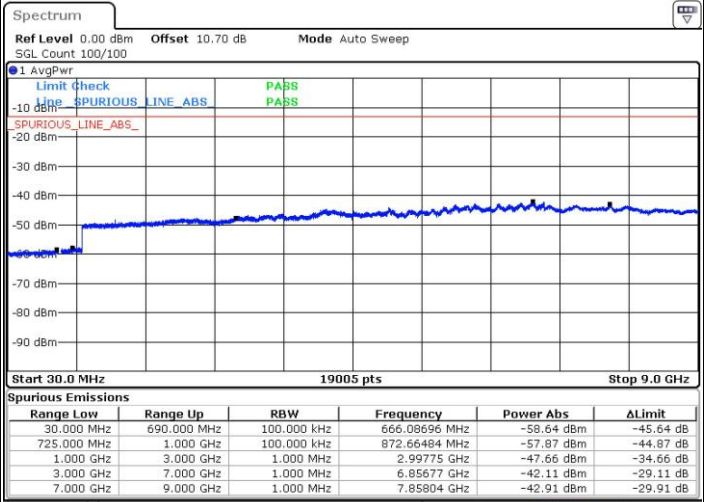
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 19 JUN 2017 21:53:31

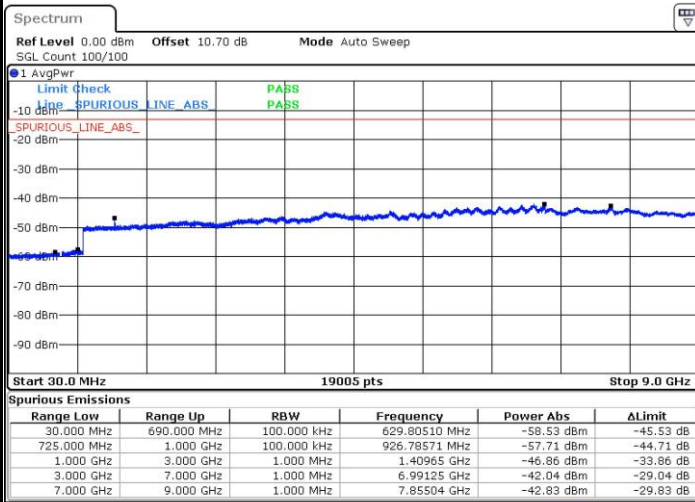
Highest Channel / 16QAM



Date: 19 JUN 2017 21:54:25

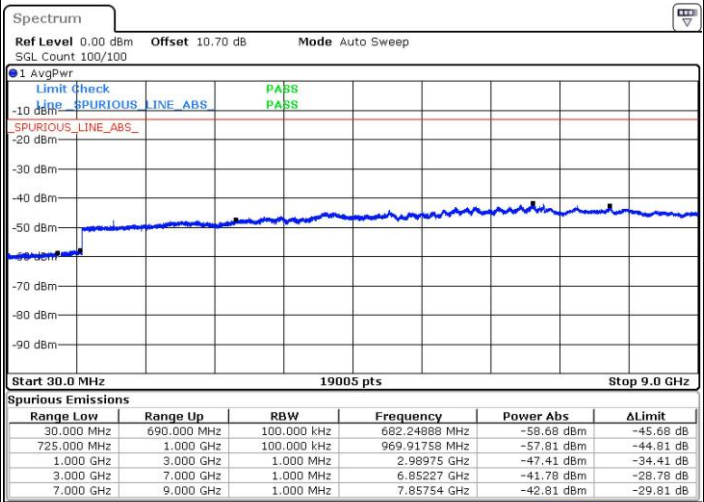
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 19 JUN 2017 22:00:37

Lowest Channel / 16QAM

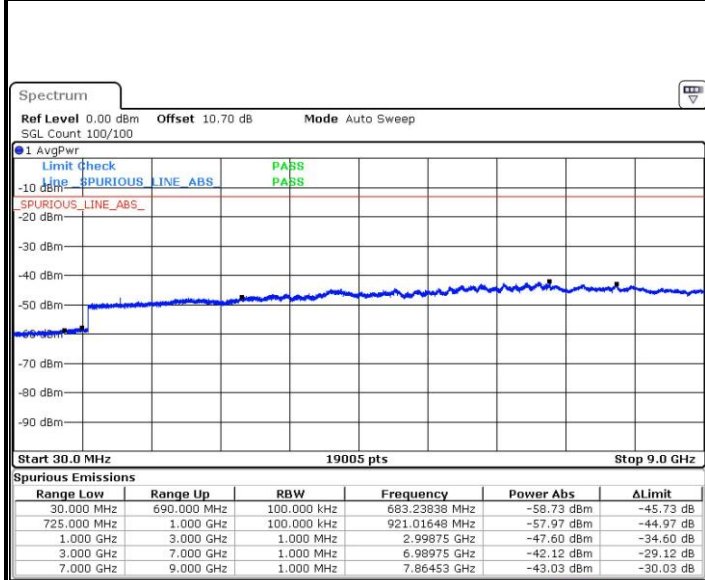


Date: 19 JUN 2017 22:01:32



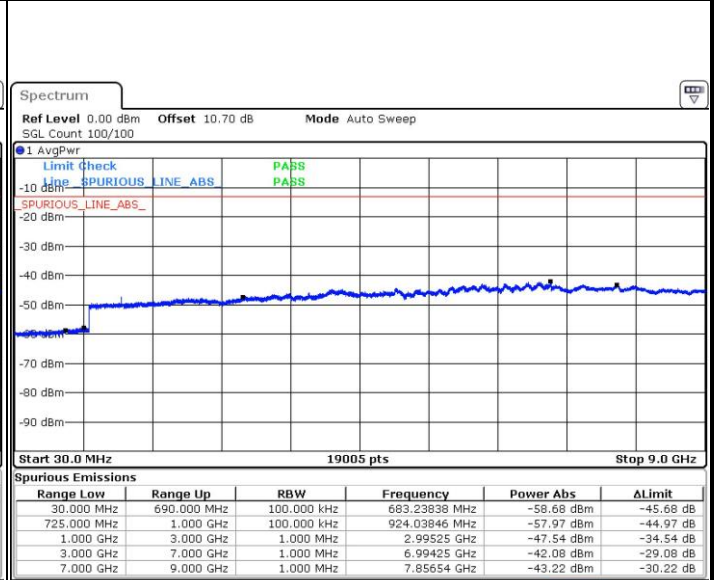
LTE Band 17 / 10MHz

Middle Channel / QPSK



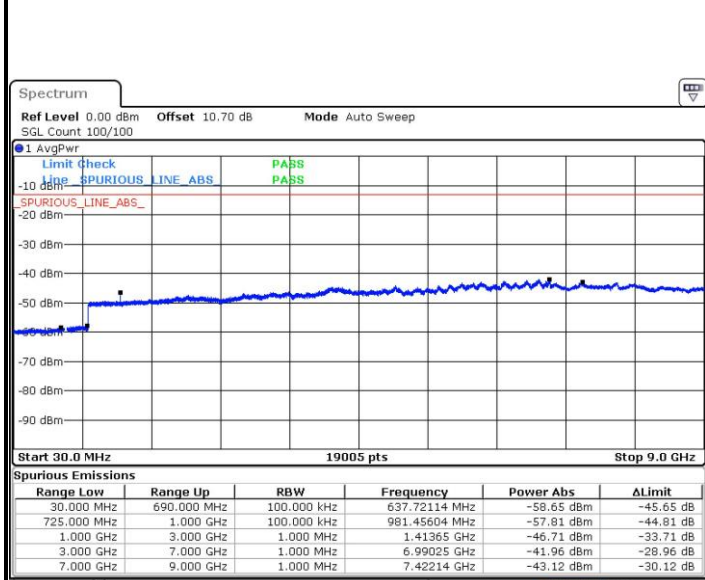
Date: 19 JUN 2017 22:03:07

Middle Channel / 16QAM



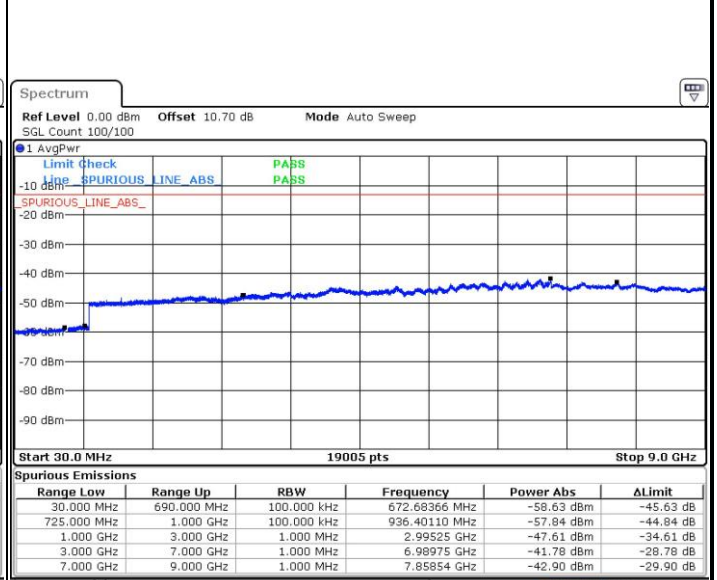
Date: 19 JUN 2017 22:04:02

Highest Channel / QPSK



Date: 19 JUN 2017 22:44:19

Highest Channel / 16QAM



Date: 19 JUN 2017 22:45:13



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	0.0014	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0035	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

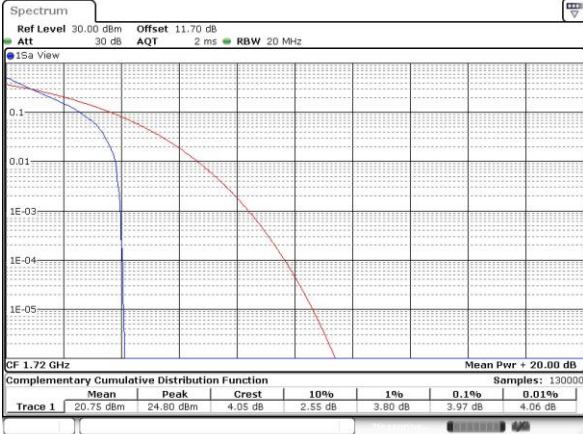
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.97	4.78	4.87	5.77	PASS
Middle CH	4	4.84	5.01	5.91	
Highest CH	3.91	4.75	4.75	5.71	



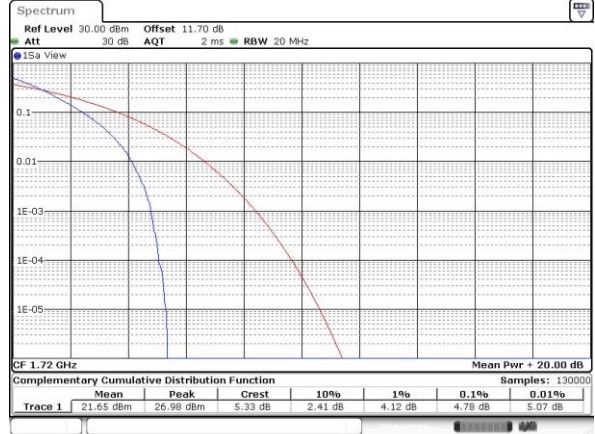
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



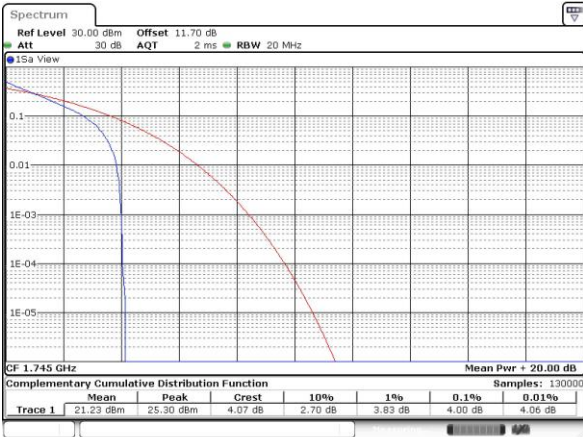
Date: 24 JUN 2017 10:11:30

Lowest Channel / Full RB



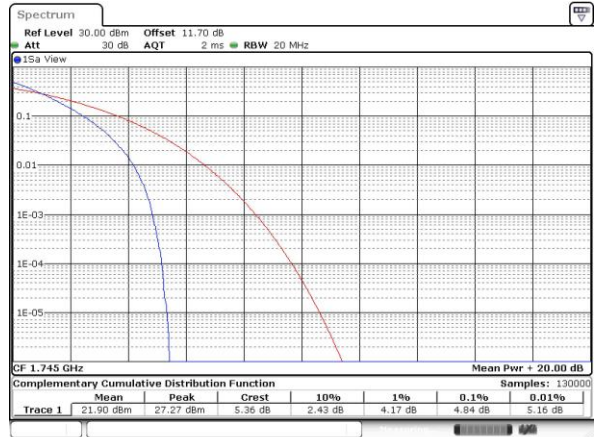
Date: 24 JUN 2017 10:11:39

Middle Channel / 1RB



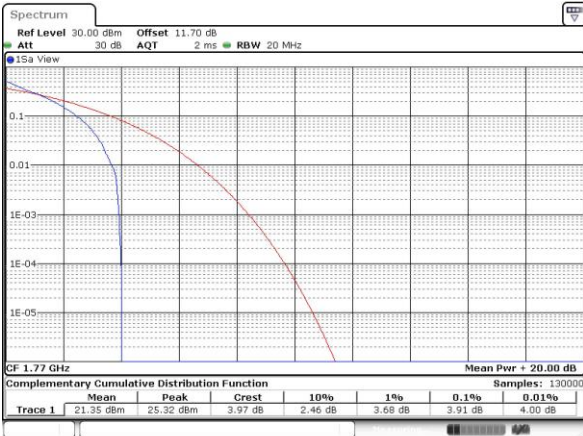
Date: 24 JUN 2017 10:11:49

Middle Channel / Full RB



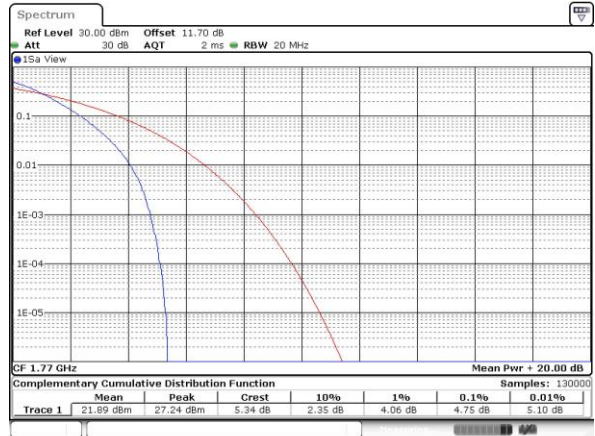
Date: 24 JUN 2017 10:11:59

Highest Channel / 1RB



Date: 24 JUN 2017 10:12:11

Highest Channel / Full RB

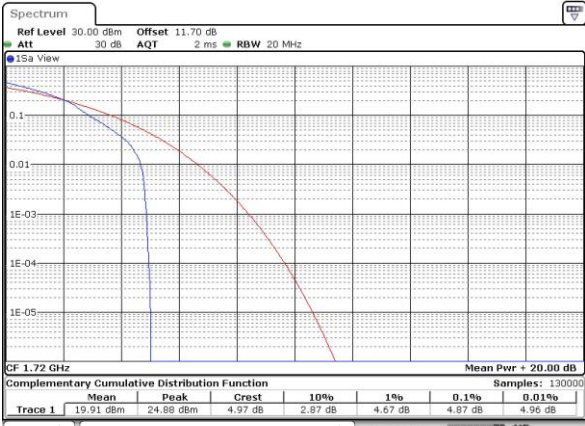


Date: 24 JUN 2017 10:12:20



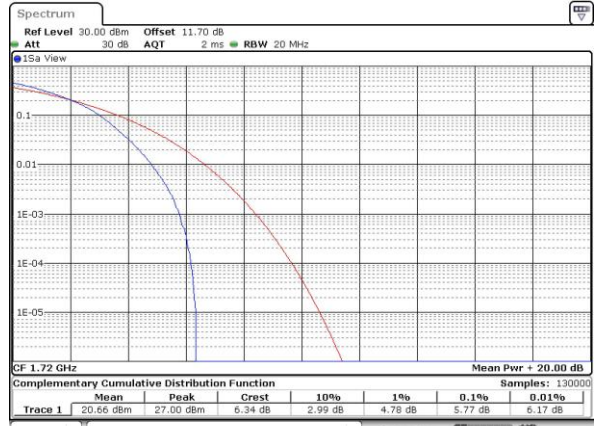
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 24 JUN 2017 10:10:32

Lowest Channel / Full RB



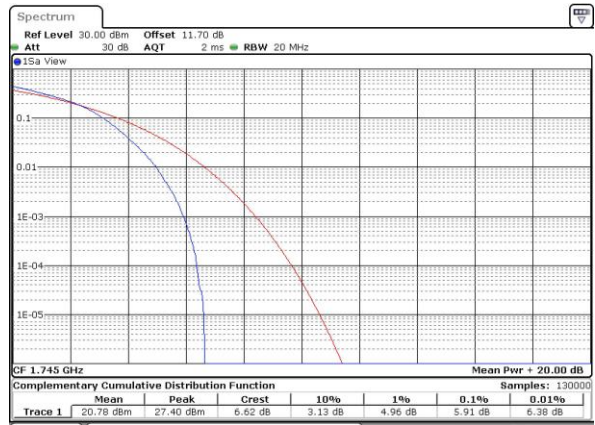
Date: 24 JUN 2017 10:10:42

Middle Channel / 1RB



Date: 24 JUN 2017 10:10:51

Middle Channel / Full RB



Date: 24 JUN 2017 10:11:00

Highest Channel / 1RB



Date: 24 JUN 2017 10:11:10

Highest Channel / Full RB



Date: 24 JUN 2017 10:11:19



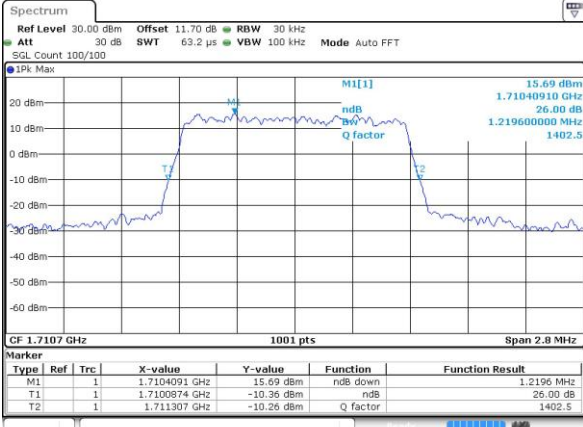
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.22	1.22	2.98	3.00	4.93	4.95	9.73	9.69	14.36	14.18	20.10	20.26
Middle CH	1.23	1.23	2.99	3.02	4.92	4.91	9.71	9.77	14.30	14.63	20.10	20.14
Highest CH	1.23	1.22	2.99	2.99	4.91	4.96	9.73	9.73	14.45	14.75	20.22	20.18



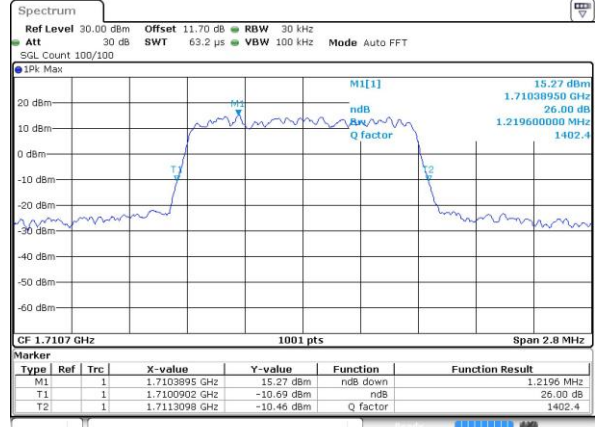
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



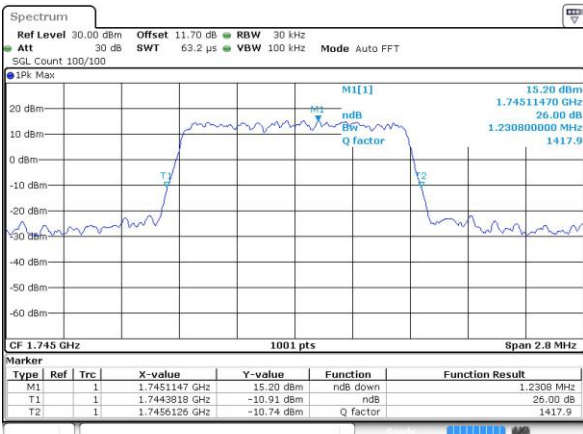
Date: 22 JUN 2017 23:57:03

Lowest Channel / 1.4MHz / 16QAM



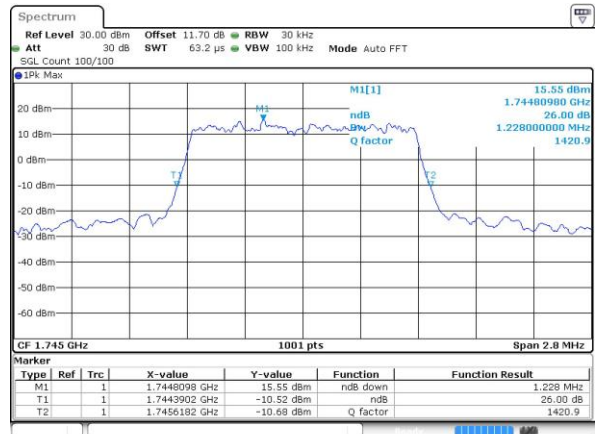
Date: 22 JUN 2017 23:57:13

Middle Channel / 1.4MHz / QPSK



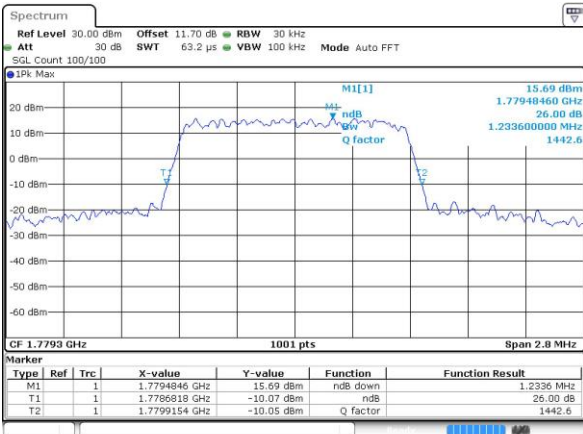
Date: 23 JUN 2017 00:04:11

Middle Channel / 1.4MHz / 16QAM



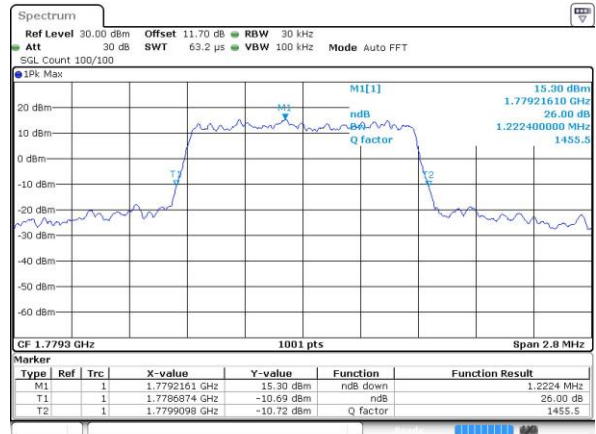
Date: 23 JUN 2017 00:04:22

Highest Channel / 1.4MHz / QPSK



Date: 23 JUN 2017 00:06:43

Highest Channel / 1.4MHz / 16QAM

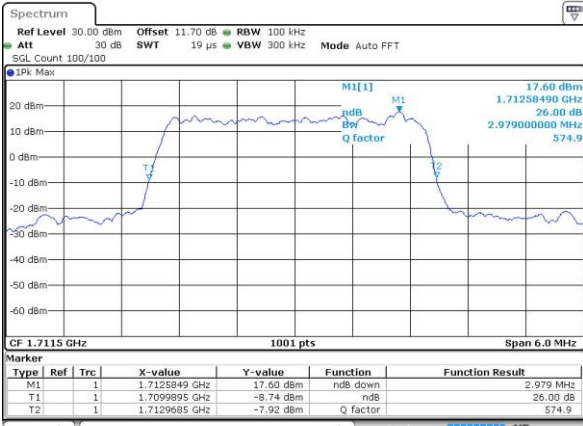


Date: 23 JUN 2017 00:06:54



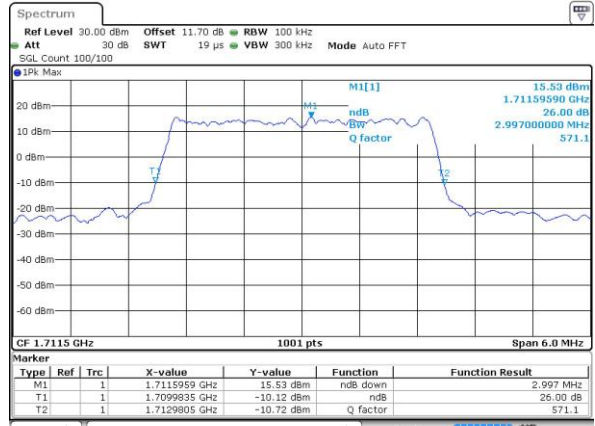
LTE Band 66

Lowest Channel / 3MHz / QPSK



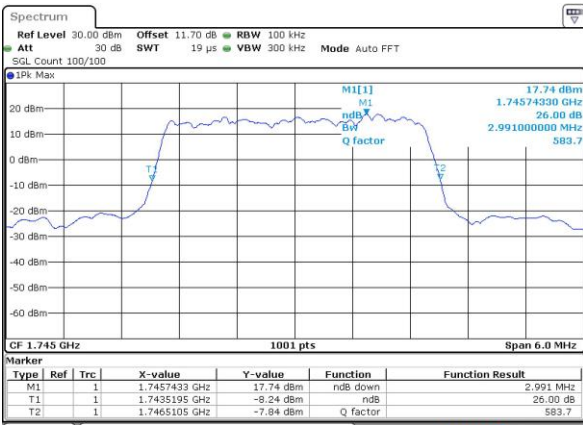
Date: 23 JUN 2017 00:13:51

Lowest Channel / 3MHz / 16QAM



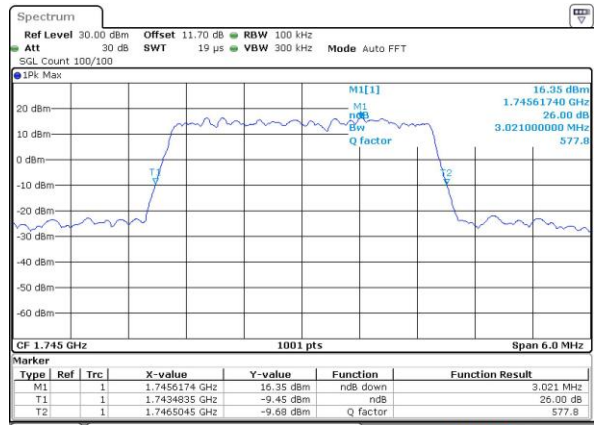
Date: 23 JUN 2017 00:14:02

Middle Channel / 3MHz / QPSK



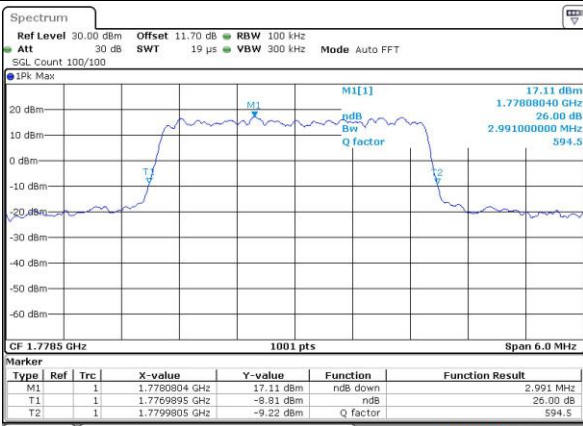
Date: 23 JUN 2017 00:21:00

Middle Channel / 3MHz / 16QAM



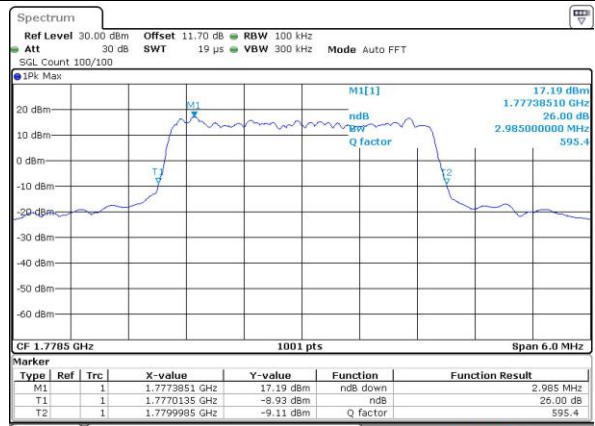
Date: 23 JUN 2017 00:21:10

Highest Channel / 3MHz / QPSK



Date: 23 JUN 2017 00:23:32

Highest Channel / 3MHz / 16QAM

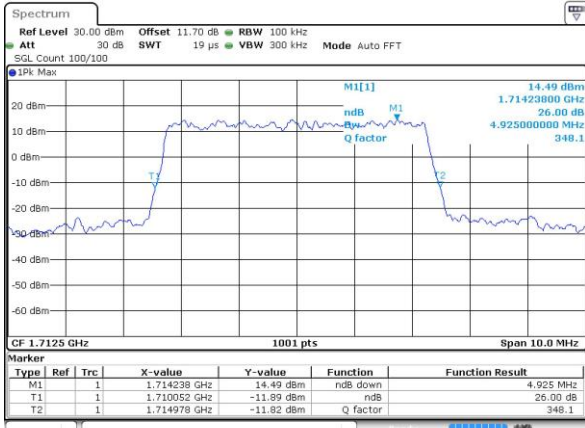


Date: 23 JUN 2017 00:23:42



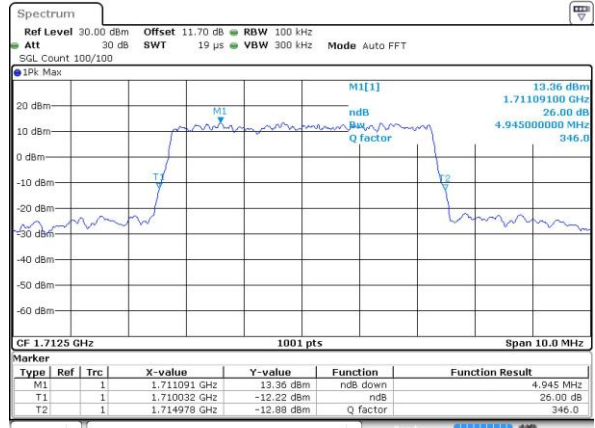
LTE Band 66

Lowest Channel / 5MHz / QPSK



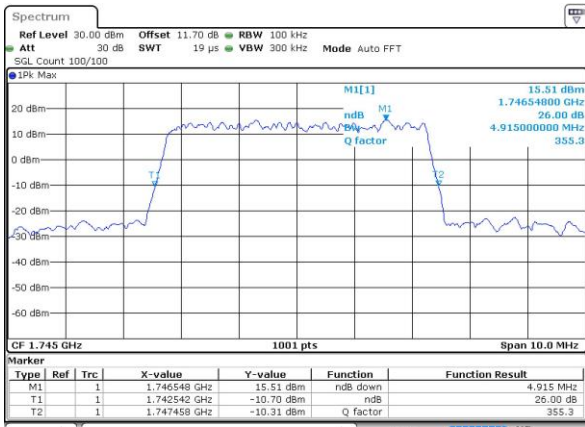
Date: 23 JUN 2017 00:30:40

Lowest Channel / 5MHz / 16QAM



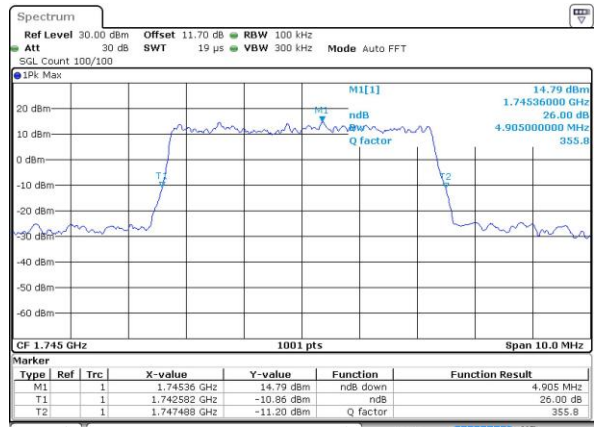
Date: 23 JUN 2017 00:30:51

Middle Channel / 5MHz / QPSK



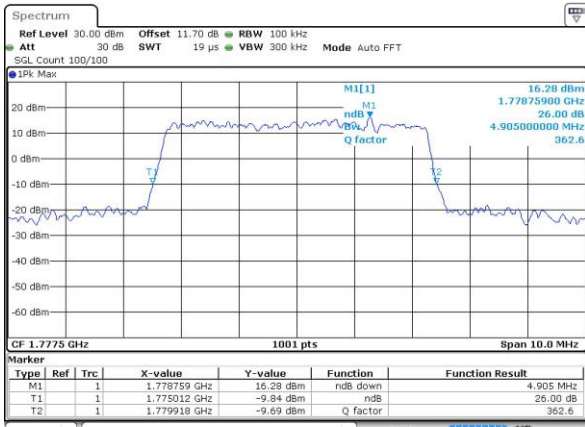
Date: 23 JUN 2017 00:37:48

Middle Channel / 5MHz / 16QAM



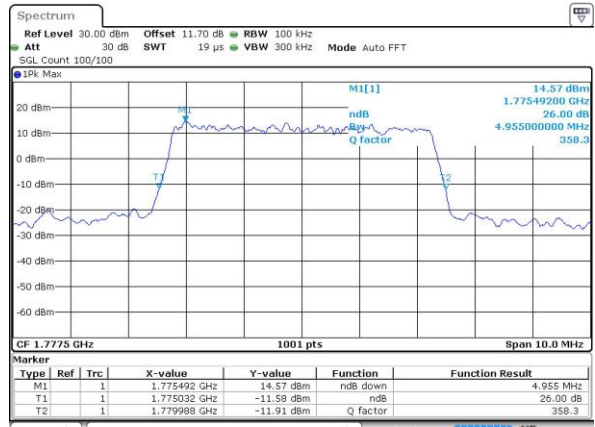
Date: 23 JUN 2017 00:37:59

Highest Channel / 5MHz / QPSK



Date: 23 JUN 2017 00:40:20

Highest Channel / 5MHz / 16QAM

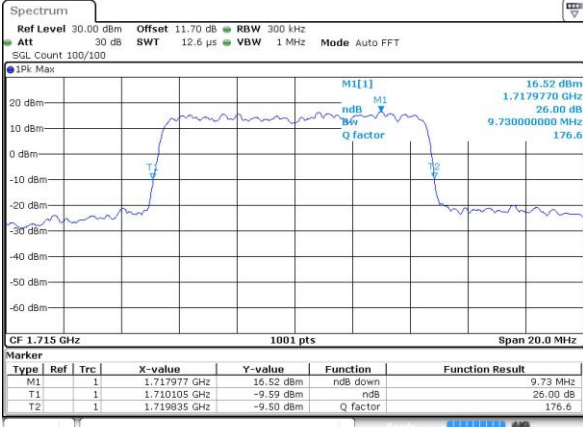


Date: 23 JUN 2017 00:40:30



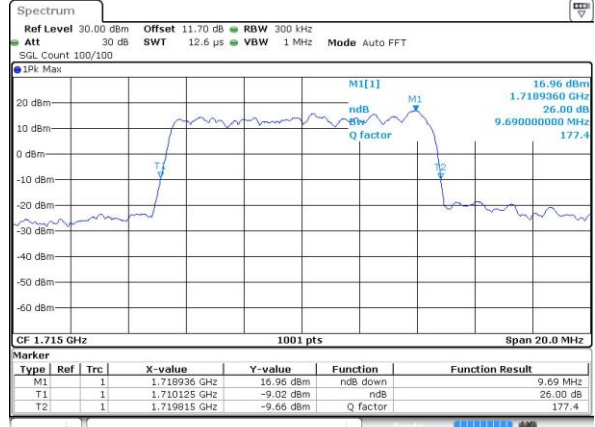
LTE Band 66

Lowest Channel / 10MHz / QPSK



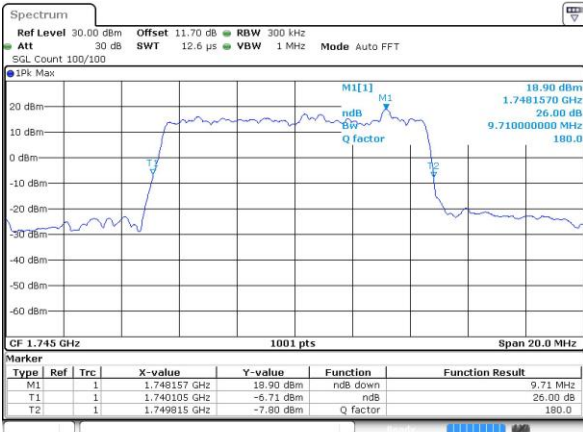
Date: 23 JUN 2017 00:47:27

Lowest Channel / 10MHz / 16QAM



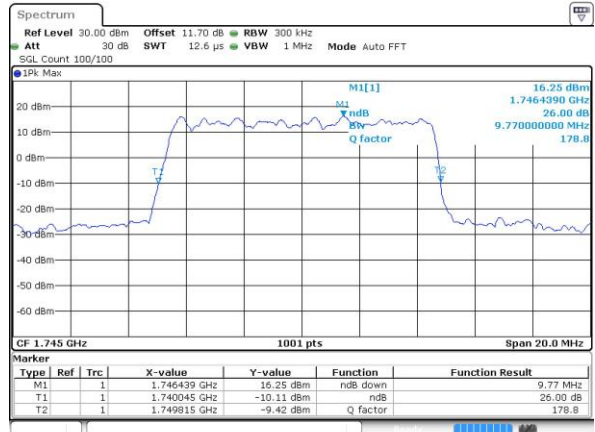
Date: 23 JUN 2017 00:47:37

Middle Channel / 10MHz / QPSK



Date: 23 JUN 2017 01:36:21

Middle Channel / 10MHz / 16QAM



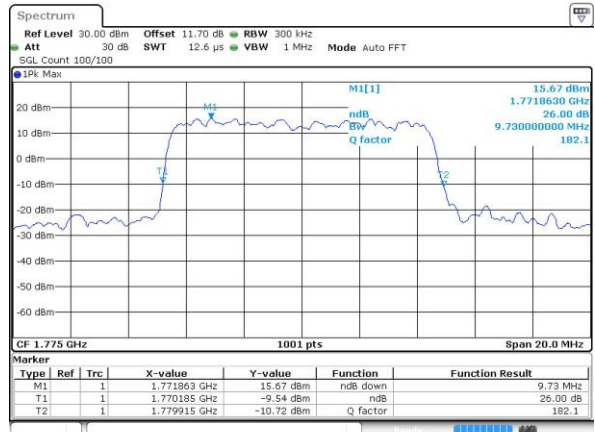
Date: 23 JUN 2017 01:36:31

Highest Channel / 10MHz / QPSK



Date: 23 JUN 2017 01:38:53

Highest Channel / 10MHz / 16QAM

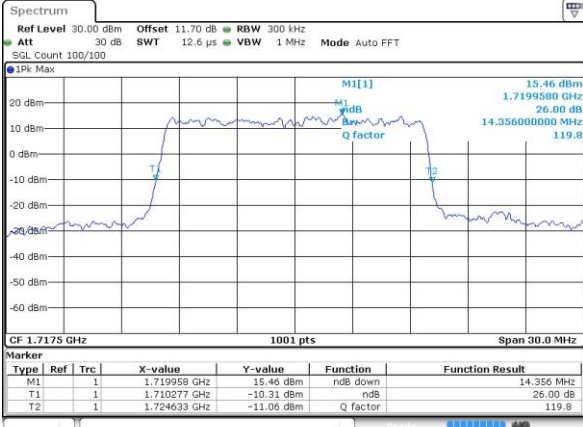


Date: 23 JUN 2017 01:39:03



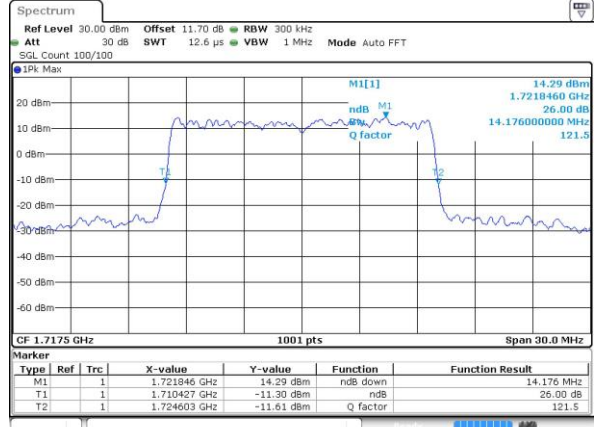
LTE Band 66

Lowest Channel / 15MHz / QPSK



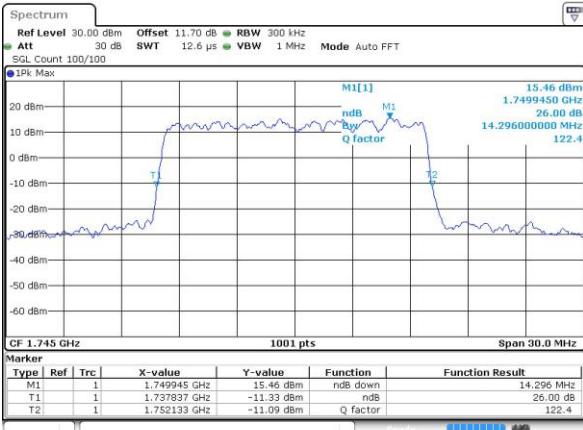
Date: 23 JUN 2017 01:46:01

Lowest Channel / 15MHz / 16QAM



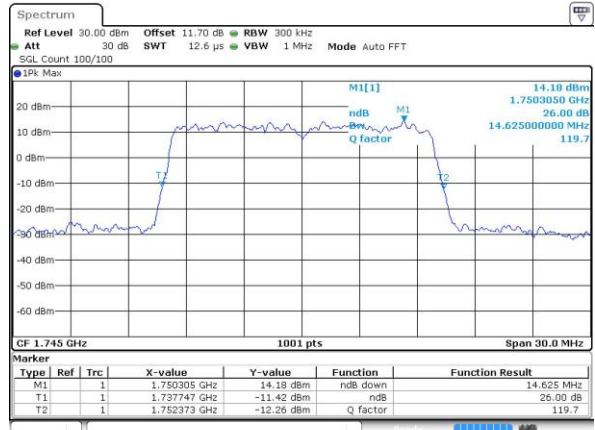
Date: 23 JUN 2017 01:46:12

Middle Channel / 15MHz / QPSK



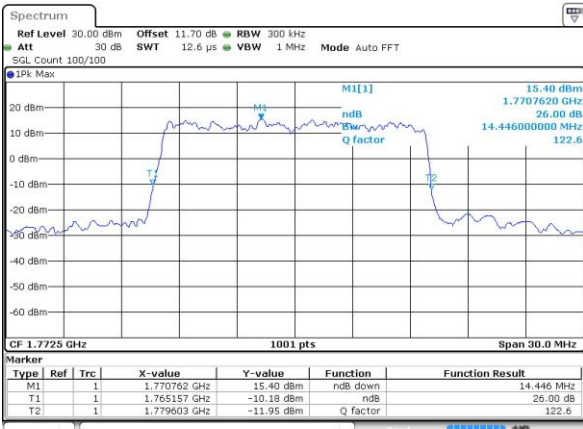
Date: 23 JUN 2017 01:58:43

Middle Channel / 15MHz / 16QAM



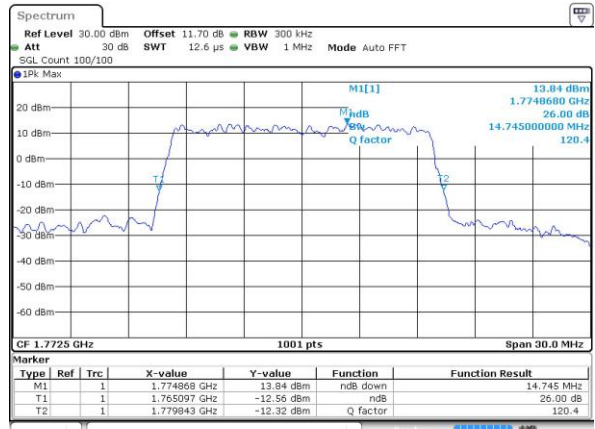
Date: 23 JUN 2017 01:58:53

Highest Channel / 15MHz / QPSK



Date: 23 JUN 2017 02:01:14

Highest Channel / 15MHz / 16QAM

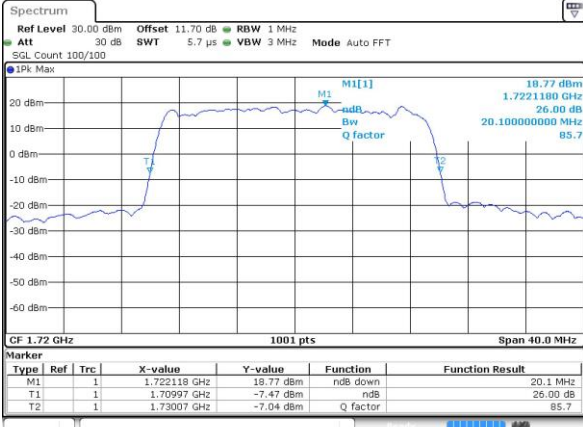


Date: 23 JUN 2017 02:01:25



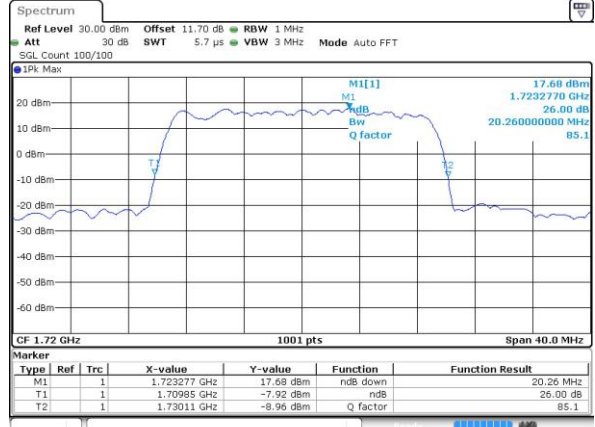
LTE Band 66

Lowest Channel / 20MHz / QPSK



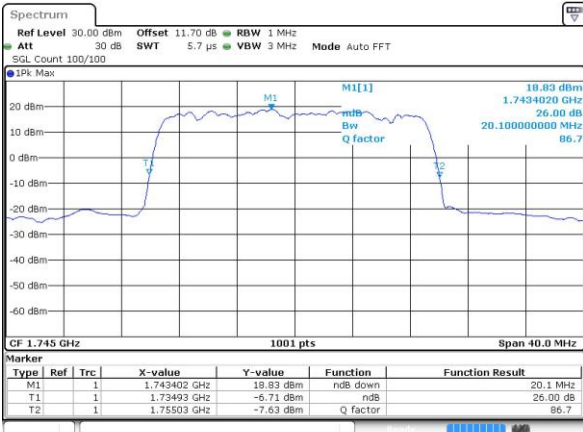
Date: 24 JUN 2017 09:54:03

Lowest Channel / 20MHz / 16QAM



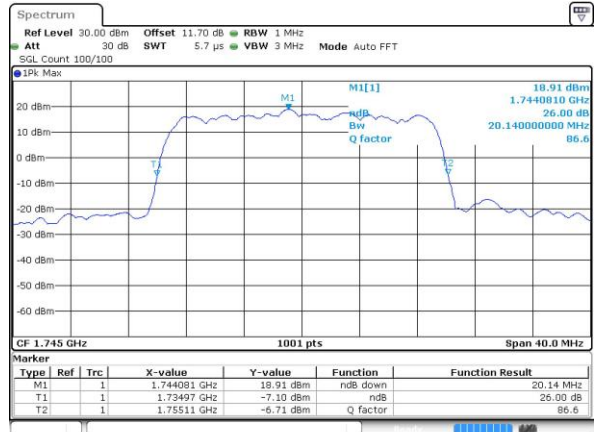
Date: 24 JUN 2017 09:54:13

Middle Channel / 20MHz / QPSK



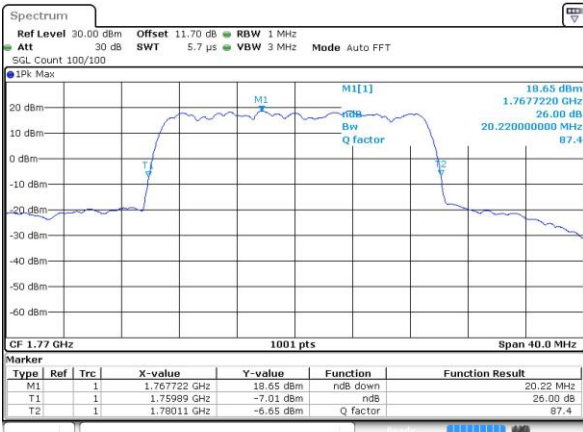
Date: 24 JUN 2017 10:01:12

Middle Channel / 20MHz / 16QAM



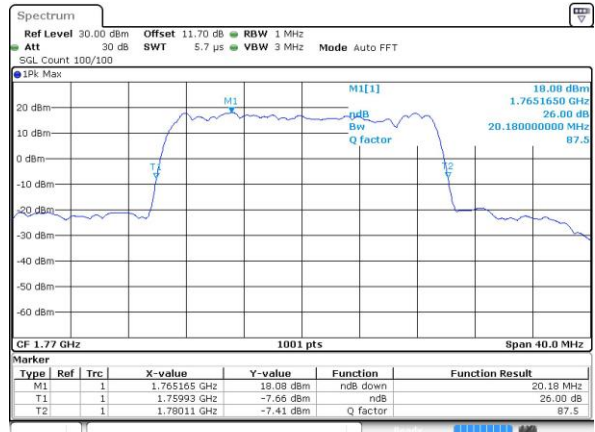
Date: 24 JUN 2017 10:01:22

Highest Channel / 20MHz / QPSK



Date: 24 JUN 2017 10:03:44

Highest Channel / 20MHz / 16QAM



Date: 24 JUN 2017 10:03:54