

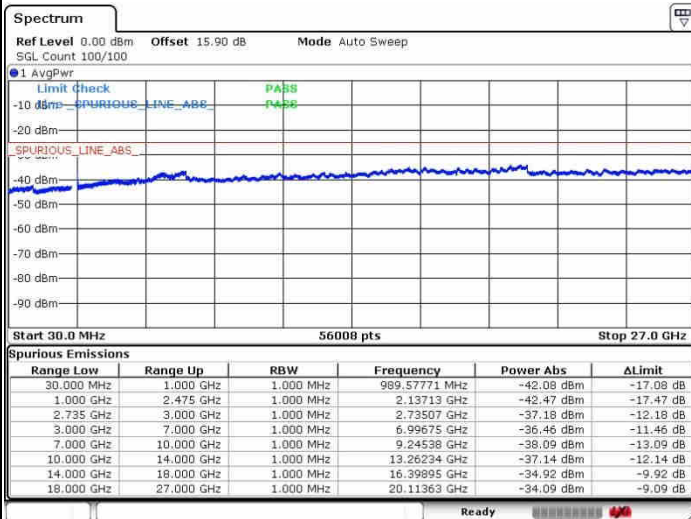


LTE Band 41 / 20MHz+10MHz

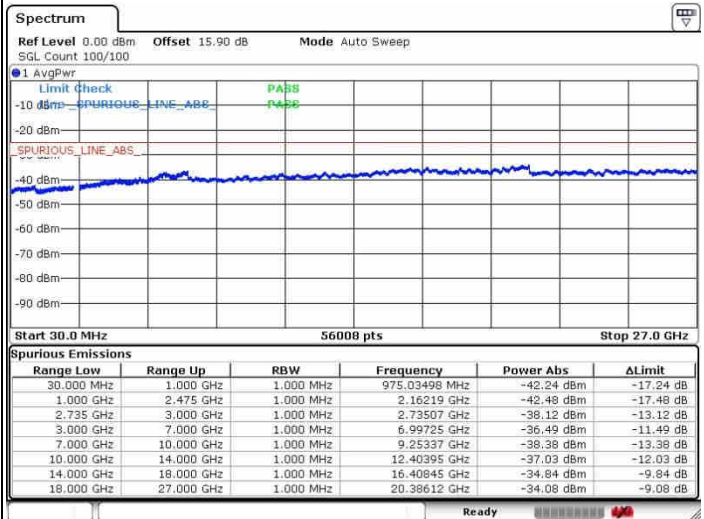
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



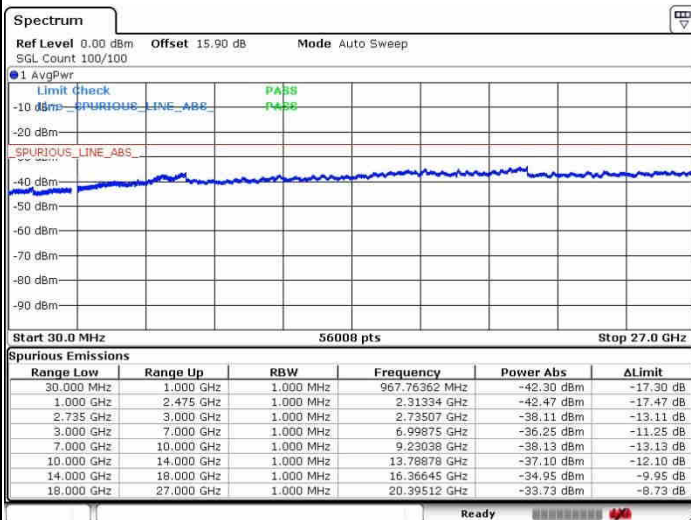
Date: 28.SEP.2017 15:09:42



Date: 28.SEP.2017 15:12:05

Lowest Channel / FullIRB

N/A



Date: 28.SEP.2017 14:55:47

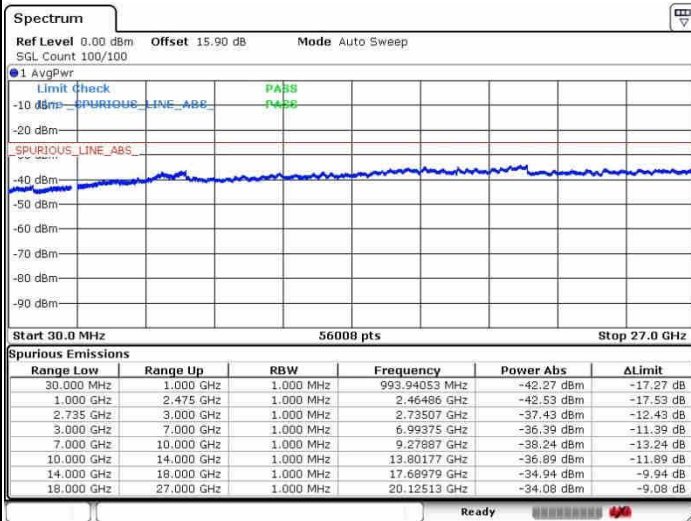


LTE Band 41 / 20MHz+10MHz

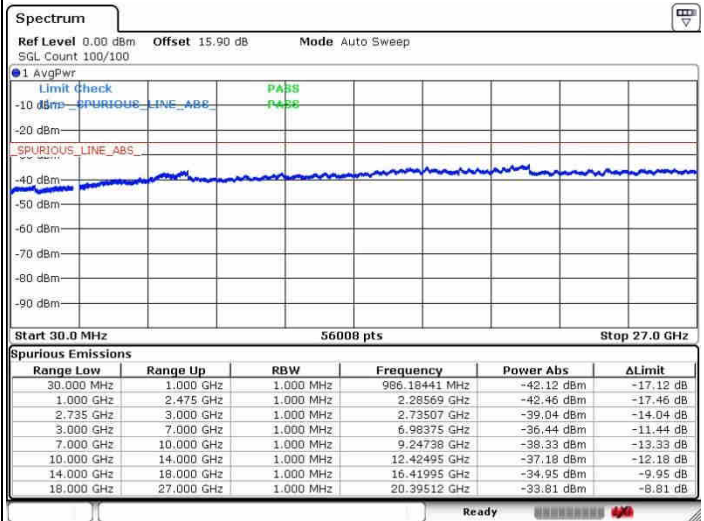
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



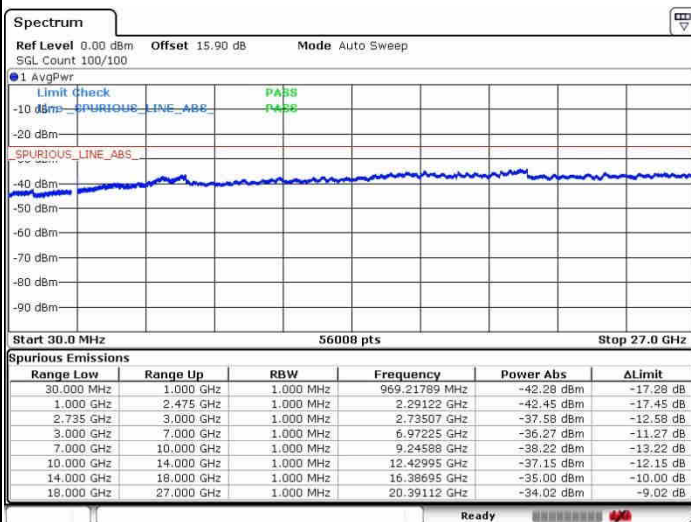
Date: 28.SEP.2017 15:07:36



Date: 28.SEP.2017 15:15:02

Middle Channel / FullIRB

N/A



Date: 28.SEP.2017 14:57:56

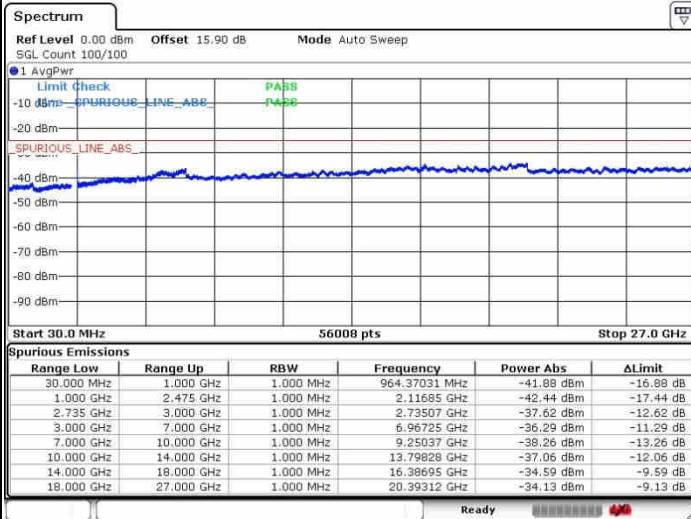


LTE Band 41 / 20MHz+10MHz

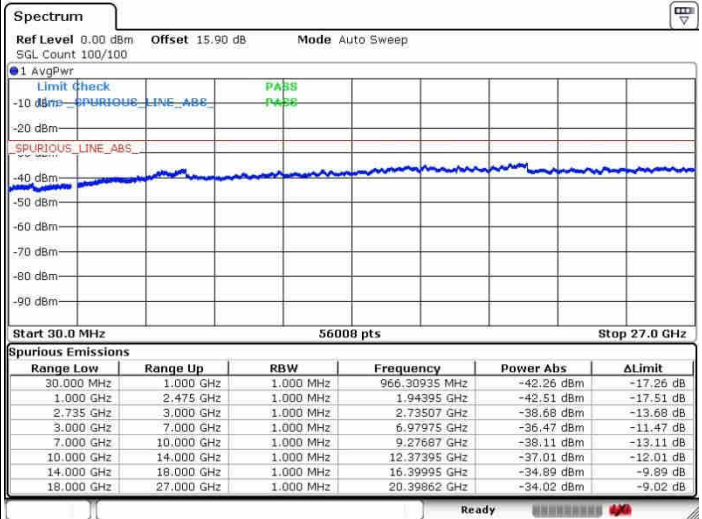
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



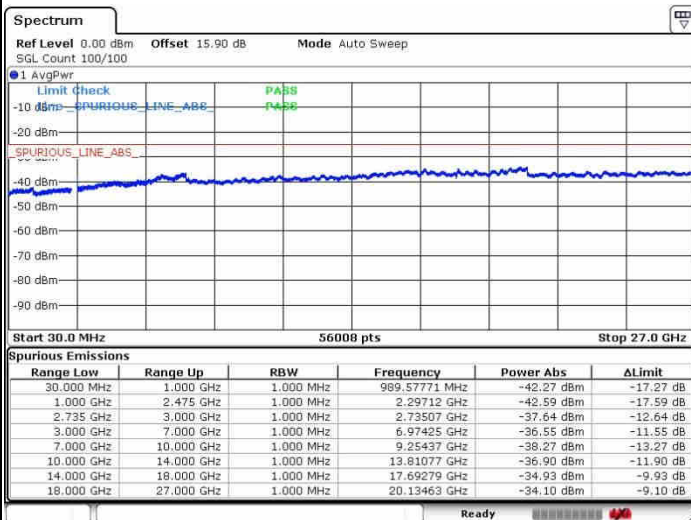
Date: 28.SEP.2017 15:04:00



Date: 28.SEP.2017 15:20:50

Highest Channel / FullIRB

N/A



Date: 28.SEP.2017 15:00:35

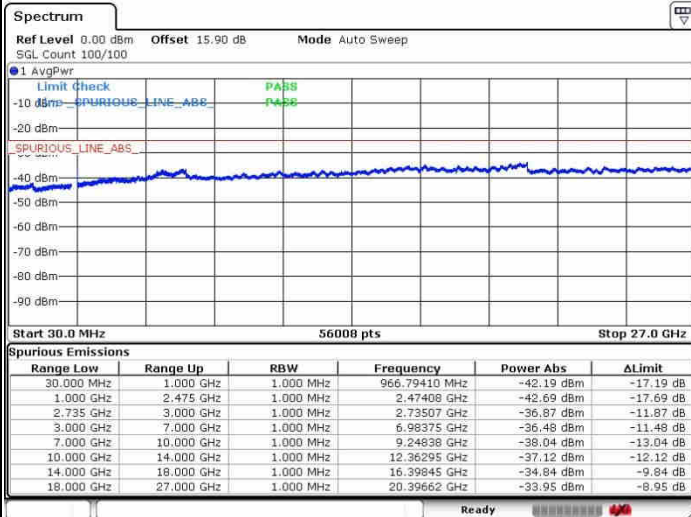


LTE Band 41 / 20MHz+15MHz

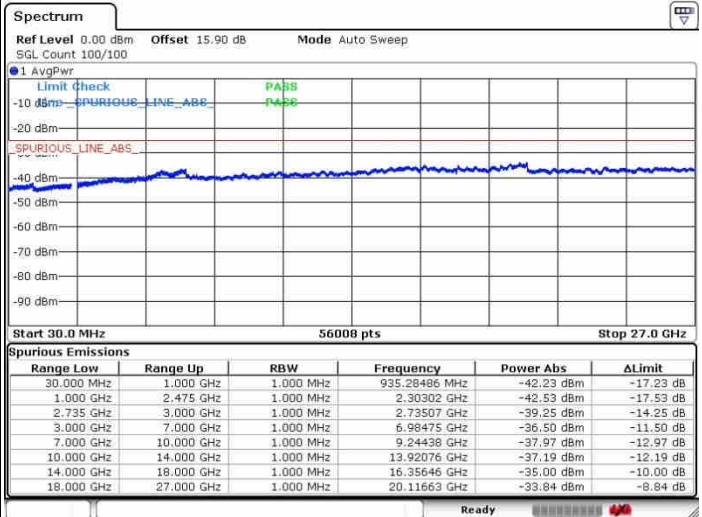
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



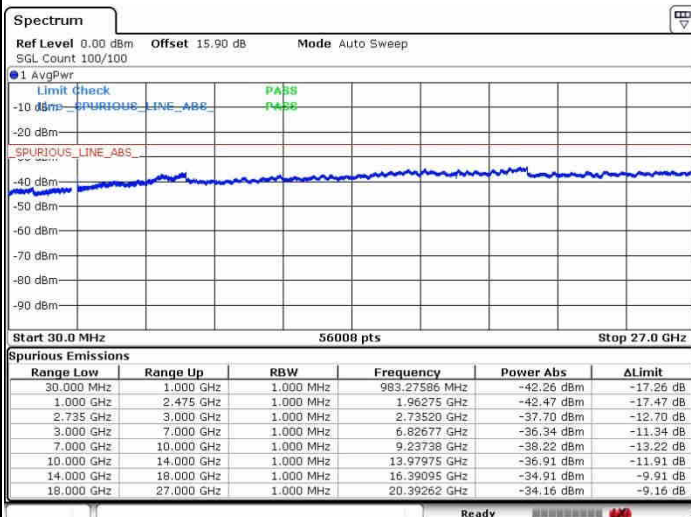
Date: 28.SEP.2017 15:37:53



Date: 28.SEP.2017 15:41:01

Lowest Channel / FullRB

N/A



Date: 28.SEP.2017 15:24:41

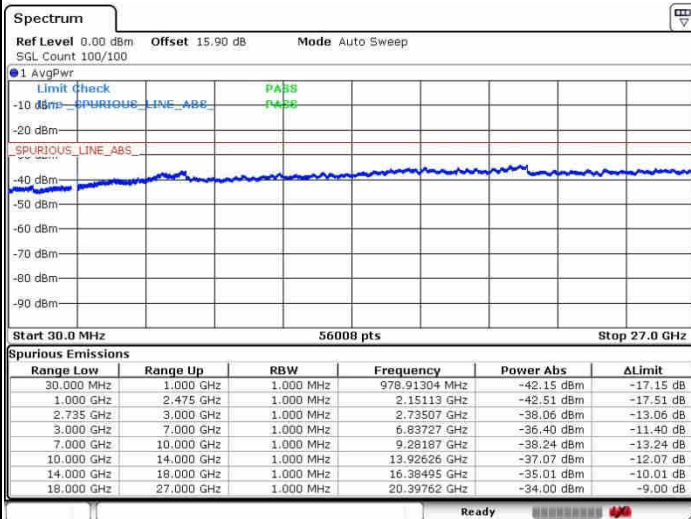


LTE Band 41 / 20MHz+15MHz

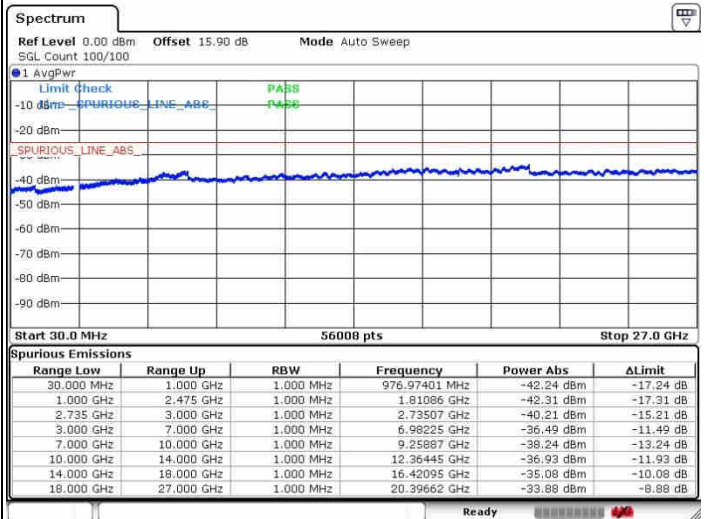
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



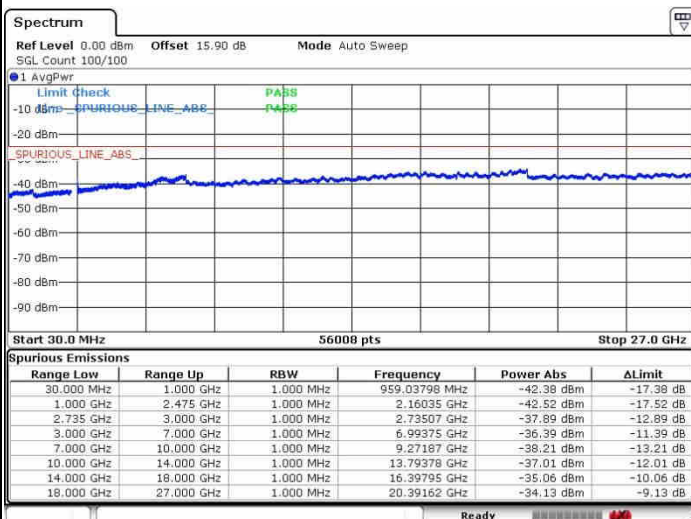
Date: 28.SEP.2017 15:35:27



Date: 28.SEP.2017 15:44:01

Middle Channel / FullIRB

N/A



Date: 28.SEP.2017 15:27:05

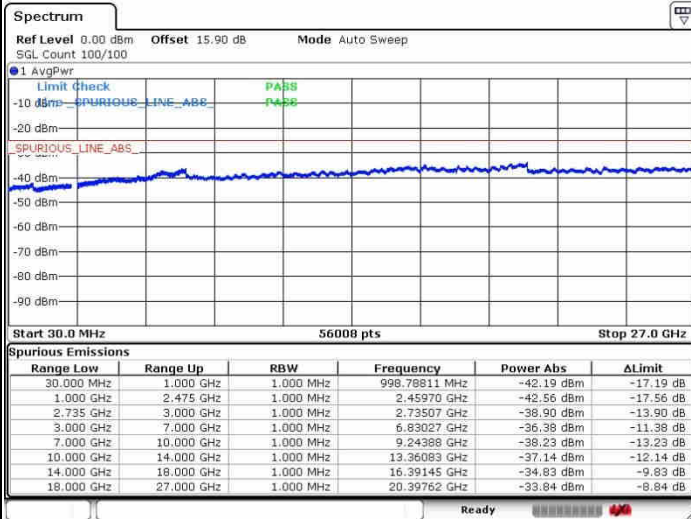


LTE Band 41 / 20MHz+15MHz

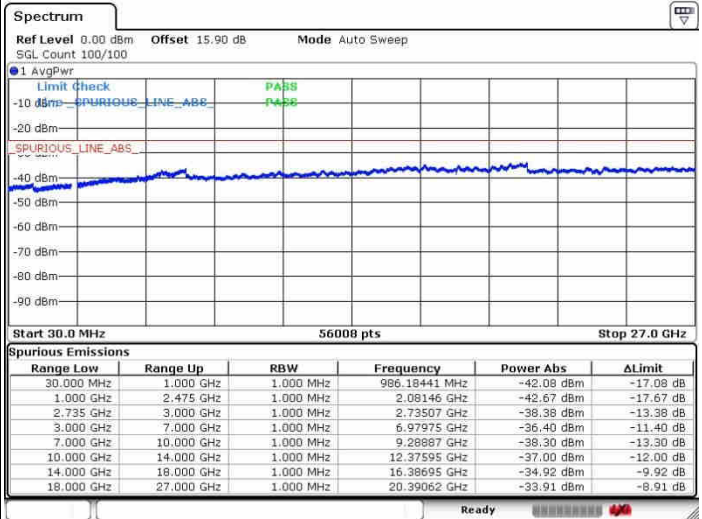
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



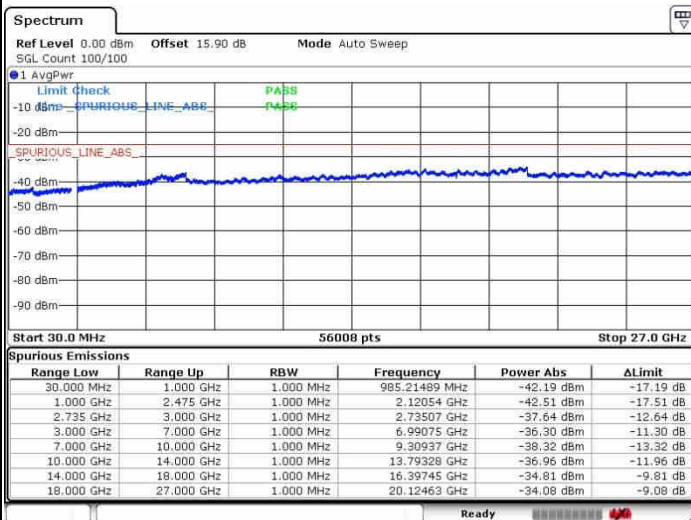
Date: 28.SEP.2017 15:32:36



Date: 28.SEP.2017 15:47:24

Highest Channel / FullIRB

N/A



Date: 28.SEP.2017 15:29:50

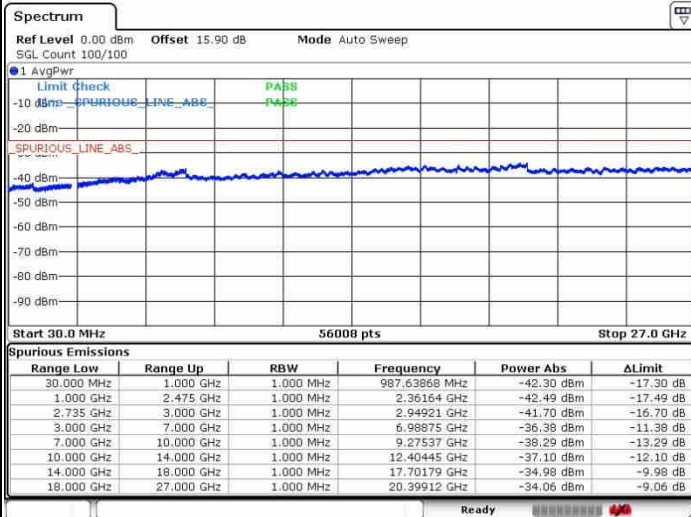


LTE Band 41 / 20MHz+20MHz

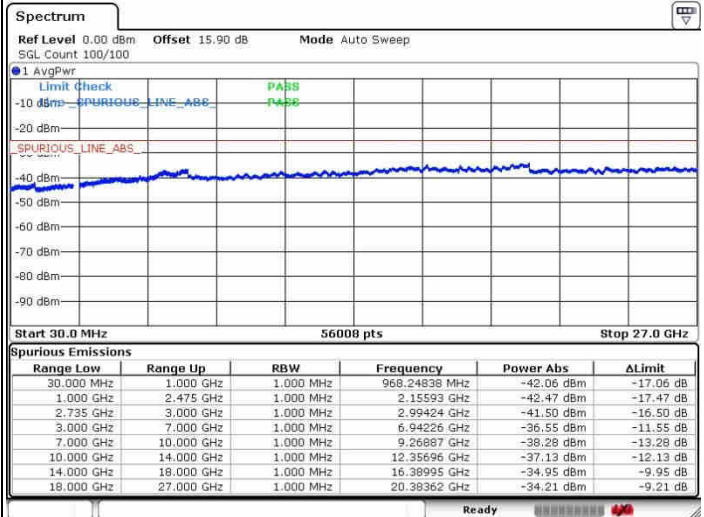
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



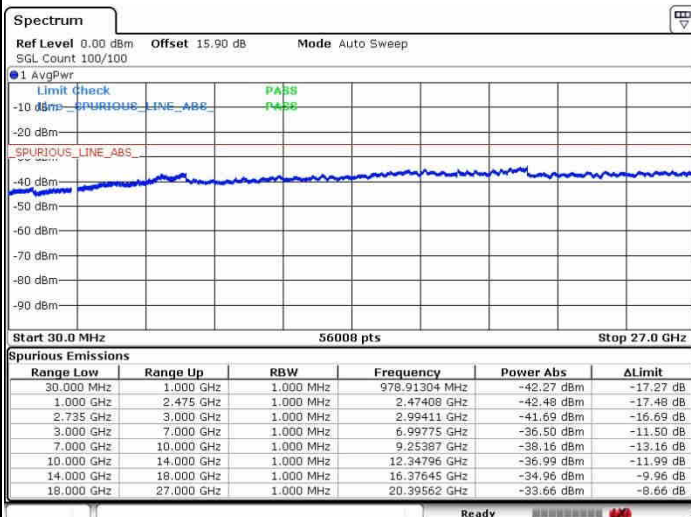
Date: 28.SEP.2017 09:58:22



Date: 28.SEP.2017 10:00:51

Lowest Channel / FullRB

N/A



Date: 28.SEP.2017 09:43:30

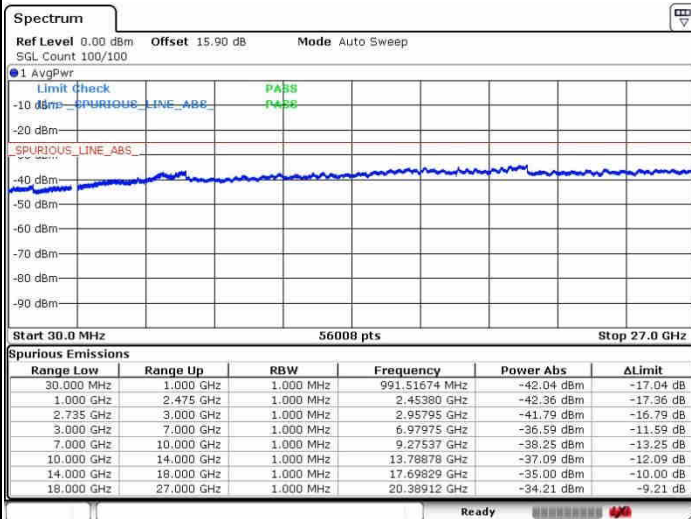


LTE Band 41 / 20MHz+20MHz

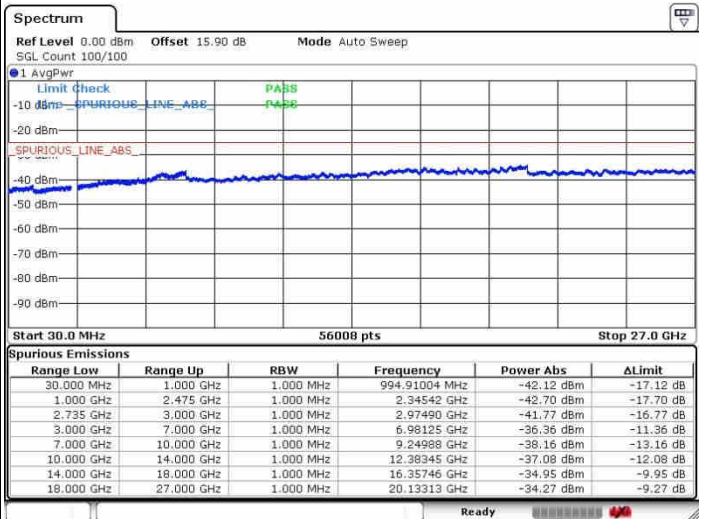
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



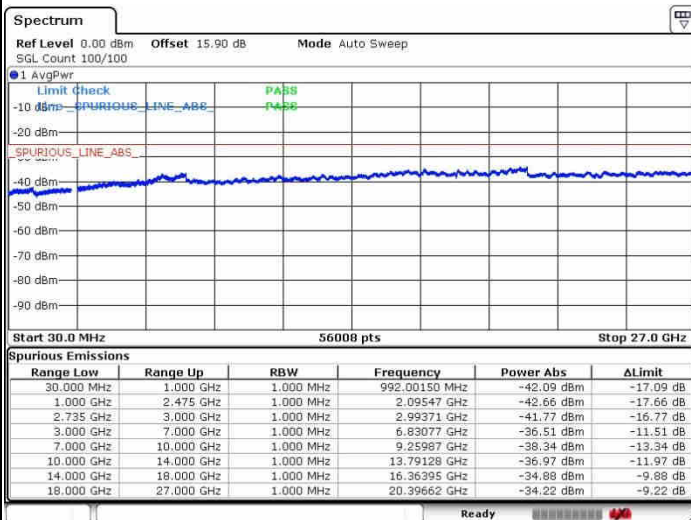
Date: 28.SEP.2017 09:55:50



Date: 28.SEP.2017 10:07:34

Middle Channel / FullIRB

N/A



Date: 28.SEP.2017 09:46:13

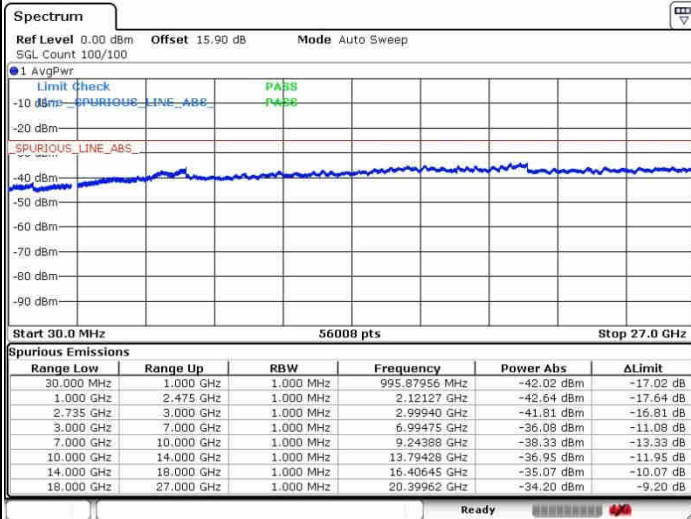


LTE Band 41 / 20MHz+20MHz

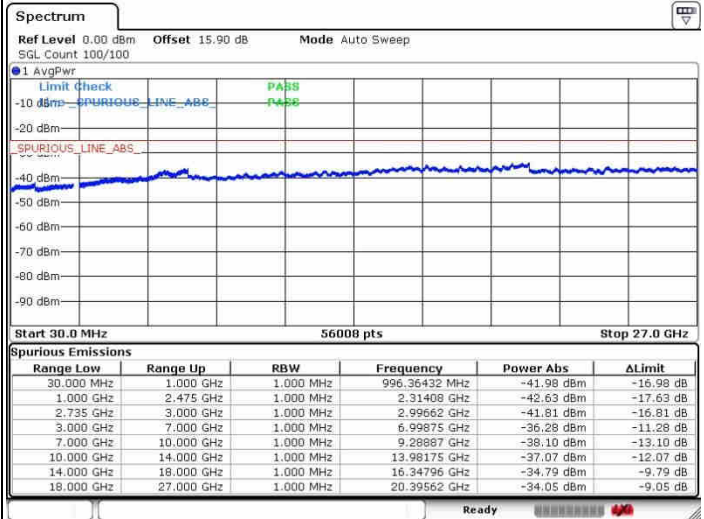
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



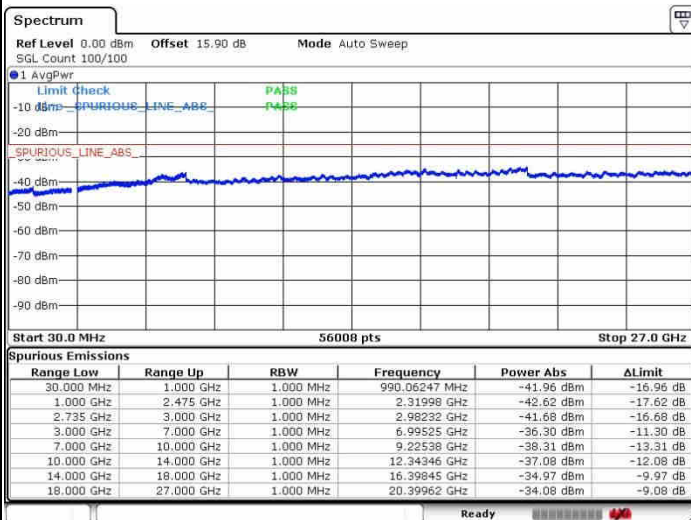
Date: 28.SEP.2017 09:52:40



Date: 28.SEP.2017 10:11:50

Highest Channel / FullIRB

N/A



Date: 28.SEP.2017 09:50:17



LTE Band 66

Peak-to-Average Ratio

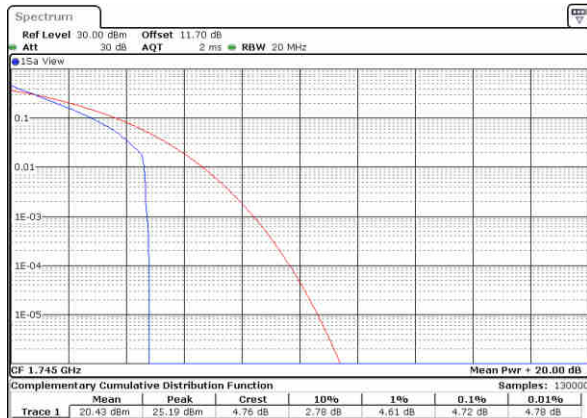
Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.75	4.9	5.62	6	PASS
Middle CH	4.72	5.13	5.59	6.09	
Highest CH	4.67	5.07	5.45	6.06	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.43	6.46	-	-	PASS
Middle CH	6.49	6.55	-	-	
Highest CH	6.46	6.55	-	-	

LTE Band 66 / 20MHz / QPSK
Lowest Channel / 1RB


Date: 2.OCT.2017 04:15:17

Lowest Channel / Full RB


Date: 2.OCT.2017 04:15:26

Middle Channel / 1RB


Date: 2.OCT.2017 04:15:35

Middle Channel / Full RB


Date: 2.OCT.2017 04:15:47

Highest Channel / 1RB


Date: 2.OCT.2017 04:15:58

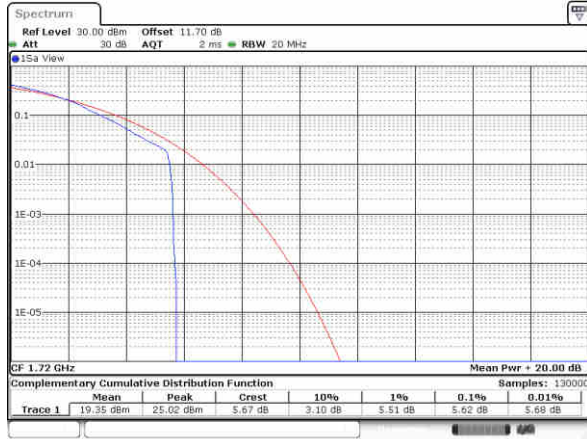
Highest Channel / Full RB


Date: 2.OCT.2017 04:16:13

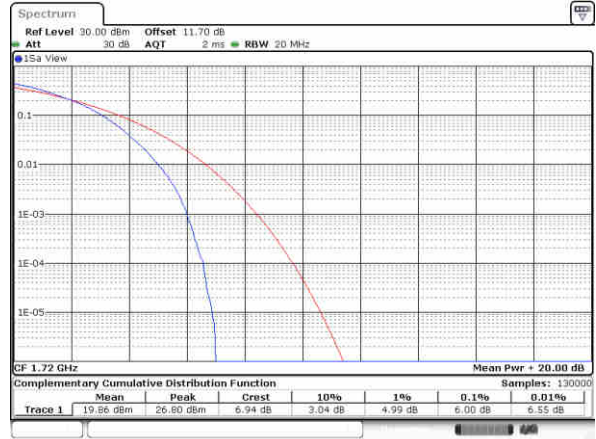


LTE Band 66 / 20MHz / 16QAM

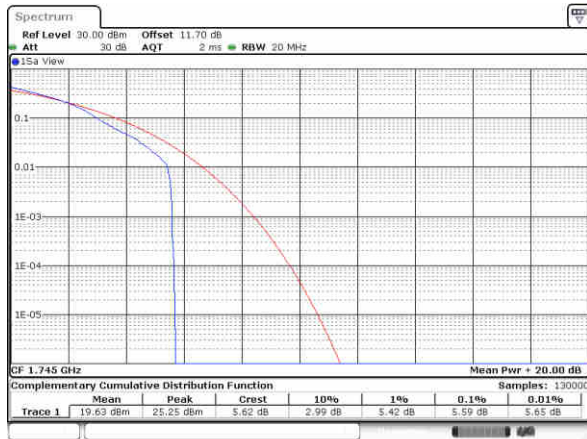
Lowest Channel / 1RB



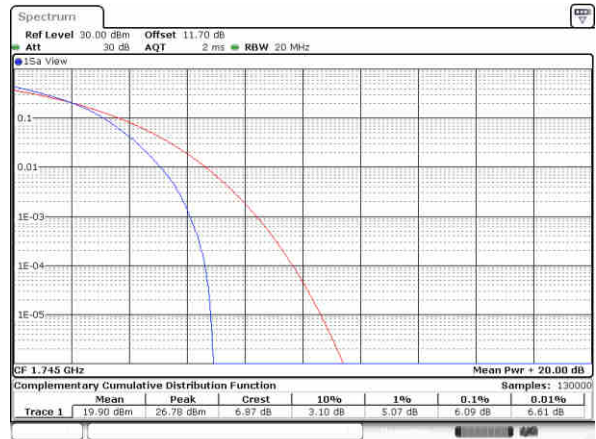
Lowest Channel / Full RB



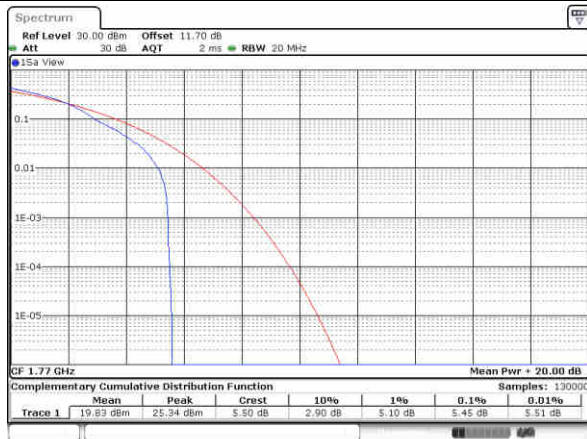
Middle Channel / 1RB



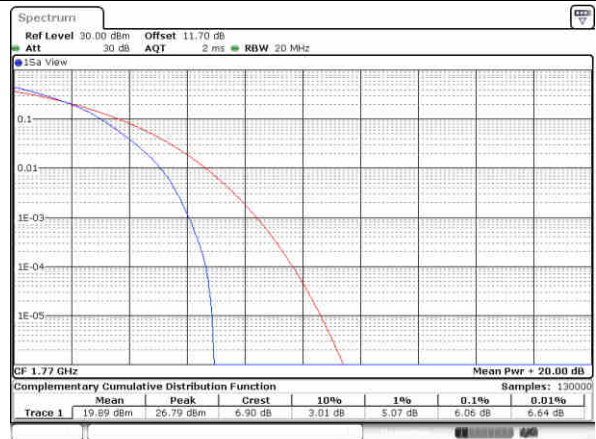
Middle Channel / Full RB



Highest Channel / 1RB



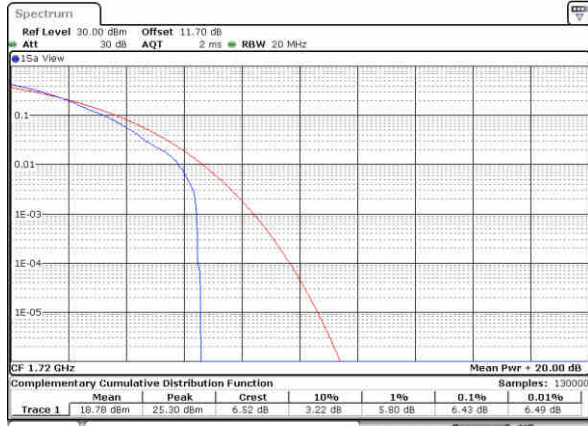
Highest Channel / Full RB



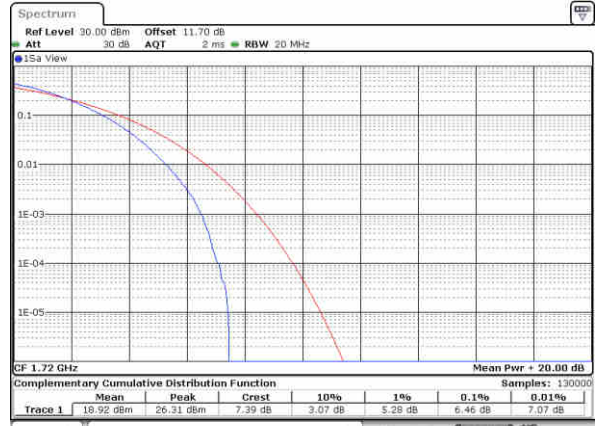


LTE Band 66 / 20MHz / 64QAM

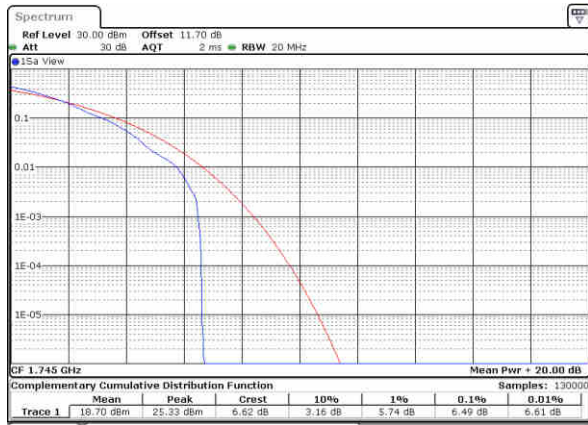
Lowest Channel / 1RB



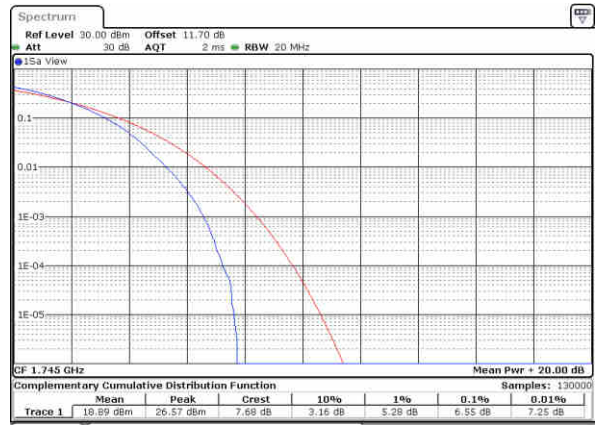
Lowest Channel / Full RB



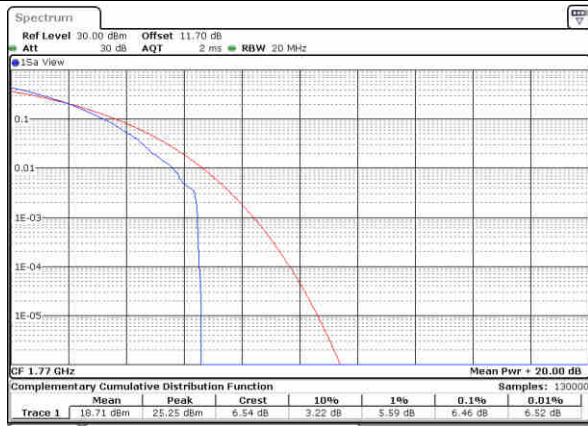
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



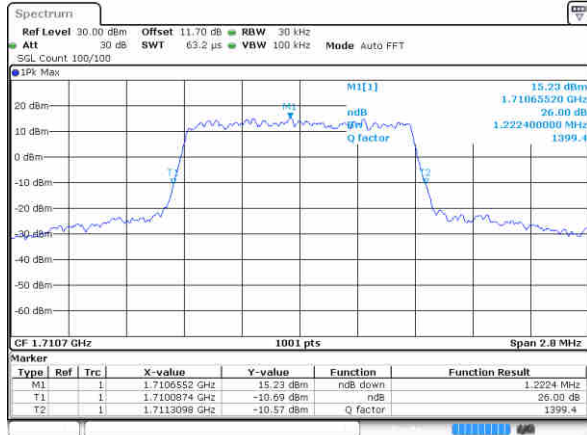
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.22	1.23	3.00	3.01	4.96	4.86	9.73	9.65	14.30	14.21	19.94	20.10
Middle CH	1.22	1.24	3.06	3.05	4.94	4.94	9.89	9.79	14.30	14.57	20.14	20.22
Highest CH	1.22	1.23	3.00	3.00	4.91	4.91	9.85	9.77	14.48	14.69	20.22	20.26
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3	-	4.94	-	9.75	-	14.42	-	20.14	-
Middle CH	1.23	-	3.05	-	4.89	-	9.79	-	14.54	-	20.06	-
Highest CH	1.23	-	3	-	4.87	-	9.71	-	14.51	-	20.1	-

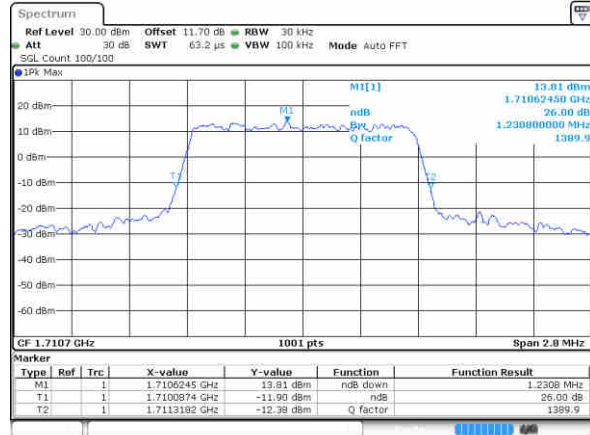


LTE Band 66

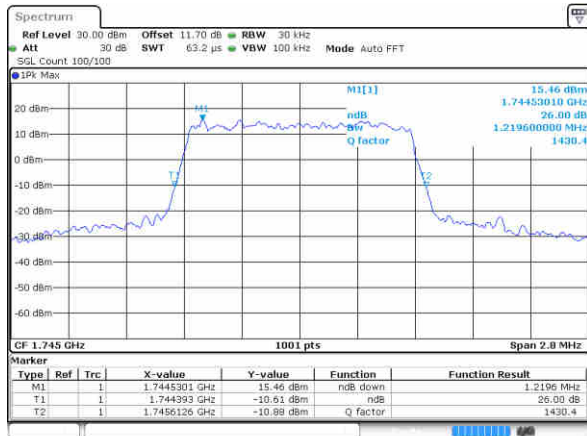
Lowest Channel / 1.4MHz / QPSK



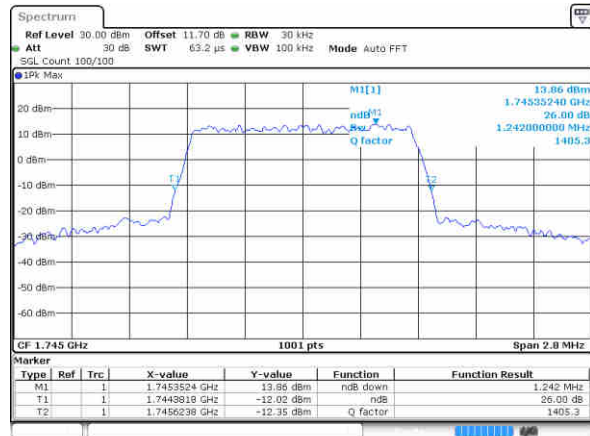
Lowest Channel / 1.4MHz / 16QAM



Middle Channel / 1.4MHz / QPSK



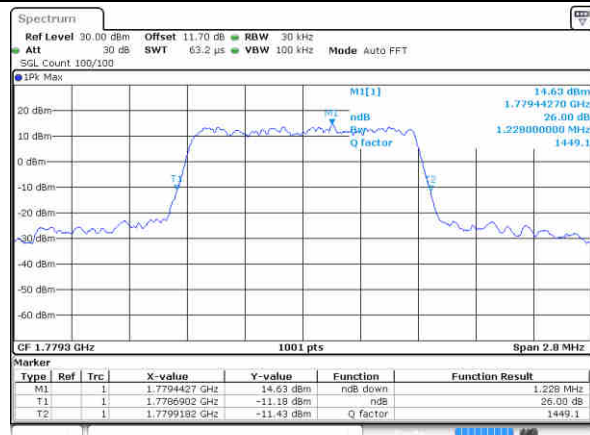
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



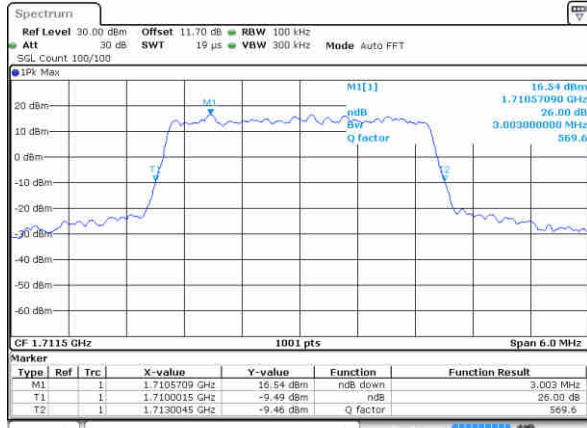
Highest Channel / 1.4MHz / 16QAM





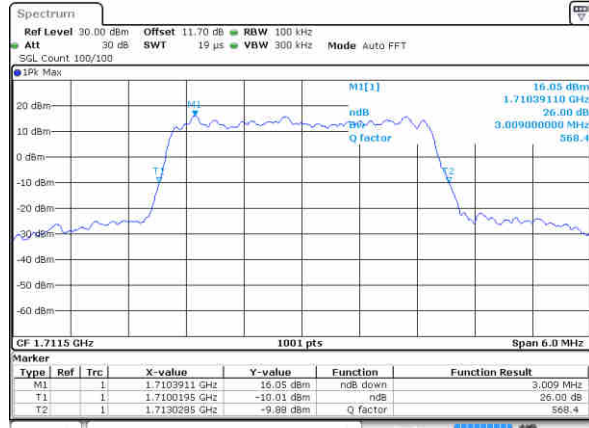
LTE Band 66

Lowest Channel / 3MHz / QPSK



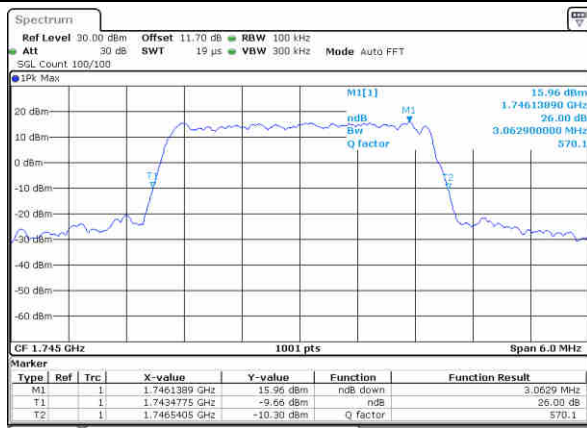
Date: 2.OCT.2017 02:07:39

Lowest Channel / 3MHz / 16QAM



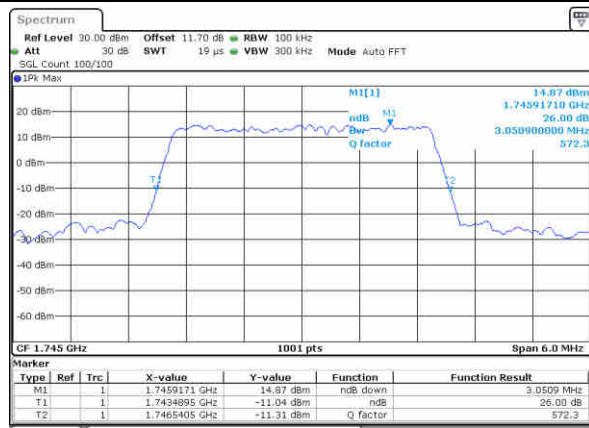
Date: 2.OCT.2017 02:07:49

Middle Channel / 3MHz / QPSK



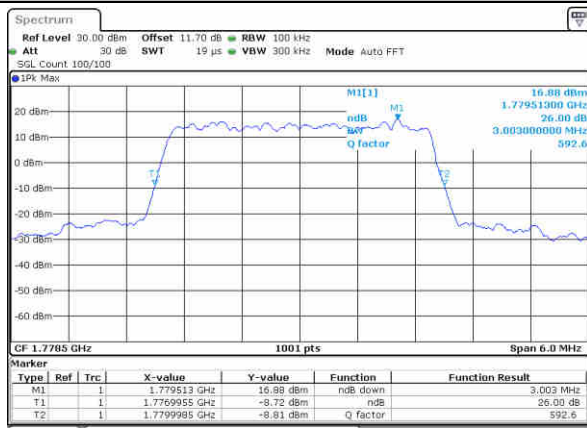
Date: 2.OCT.2017 02:14:43

Middle Channel / 3MHz / 16QAM



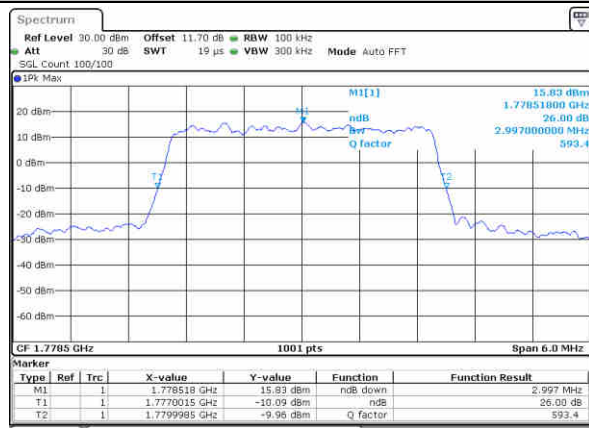
Date: 2.OCT.2017 02:14:53

Highest Channel / 3MHz / QPSK



Date: 2.OCT.2017 02:17:12

Highest Channel / 3MHz / 16QAM

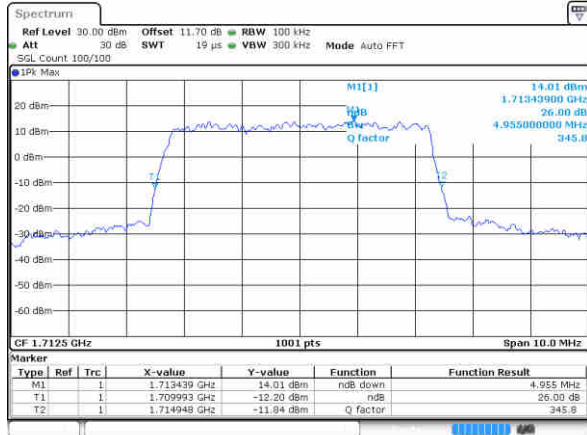


Date: 2.OCT.2017 02:17:22



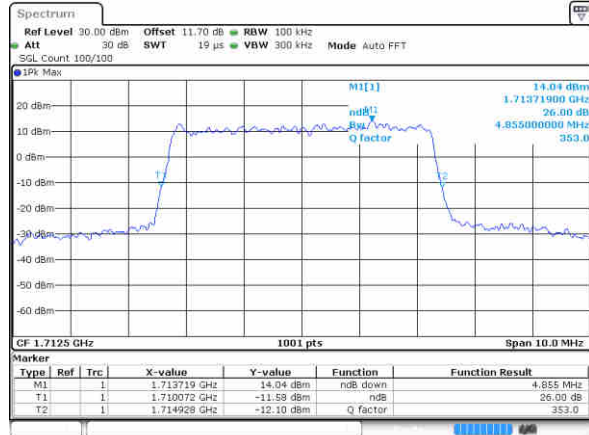
LTE Band 66

Lowest Channel / 5MHz / QPSK



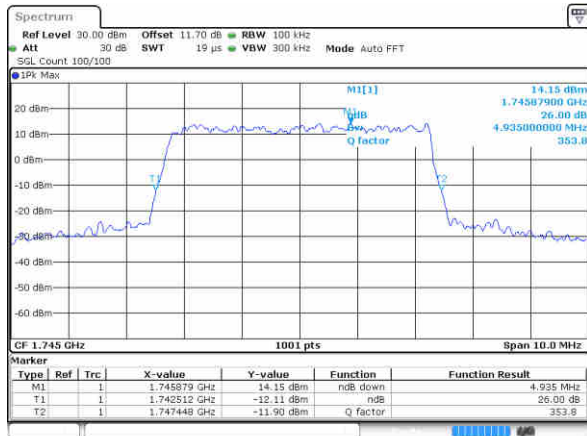
Date: 2.OCT.2017 02:24:16

Lowest Channel / 5MHz / 16QAM



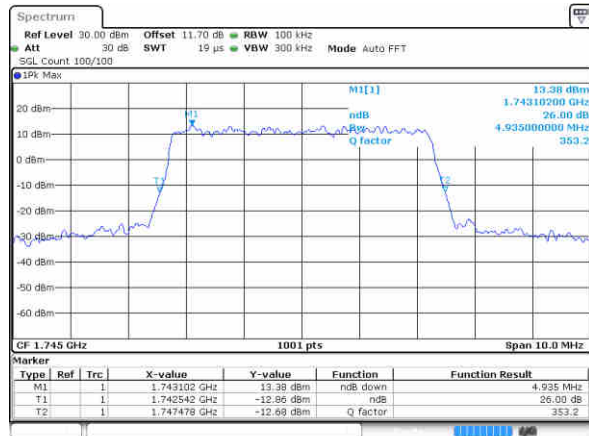
Date: 2.OCT.2017 02:24:26

Middle Channel / 5MHz / QPSK



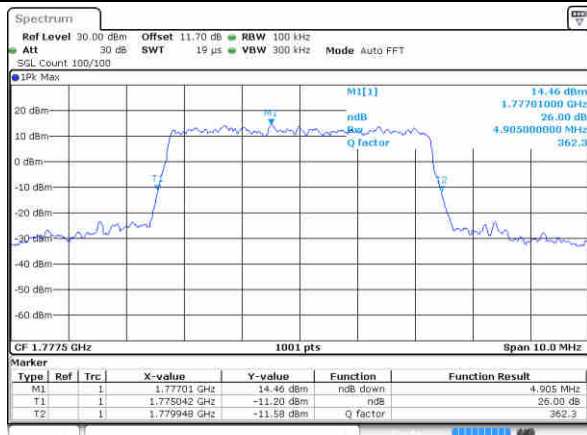
Date: 2.OCT.2017 02:31:20

Middle Channel / 5MHz / 16QAM



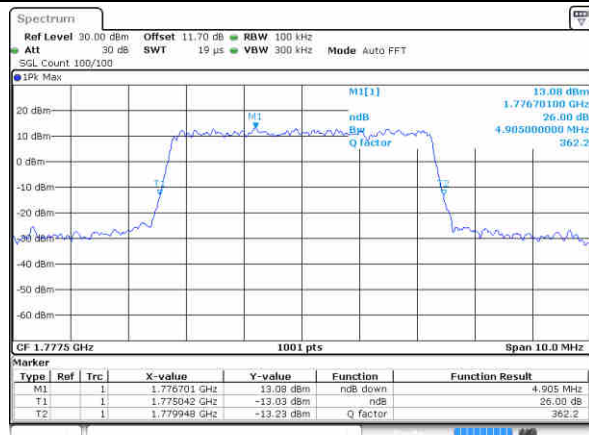
Date: 2.OCT.2017 02:31:30

Highest Channel / 5MHz / QPSK



Date: 2.OCT.2017 02:33:49

Highest Channel / 5MHz / 16QAM

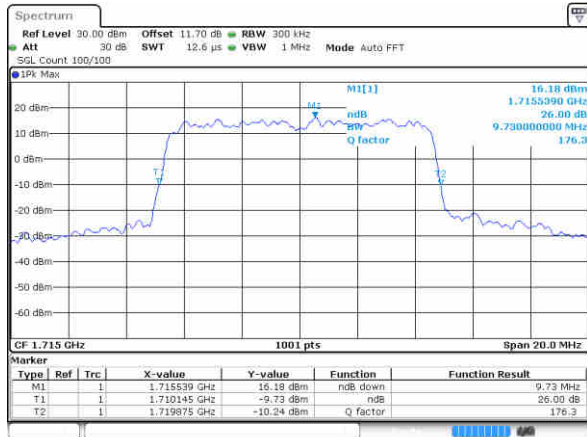


Date: 2.OCT.2017 02:33:59

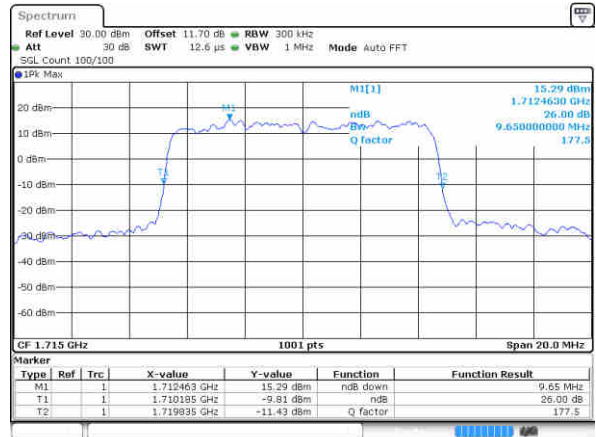


LTE Band 66

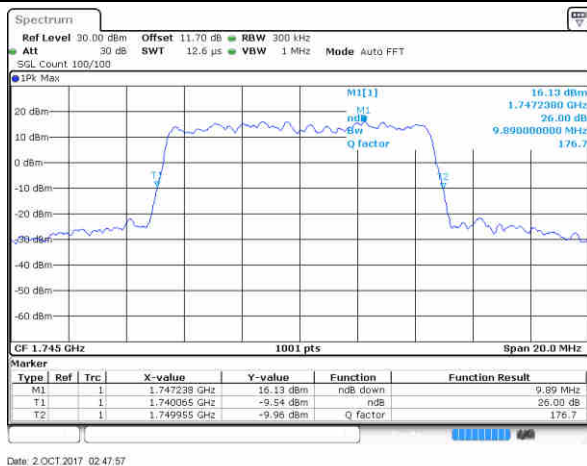
Lowest Channel / 10MHz / QPSK



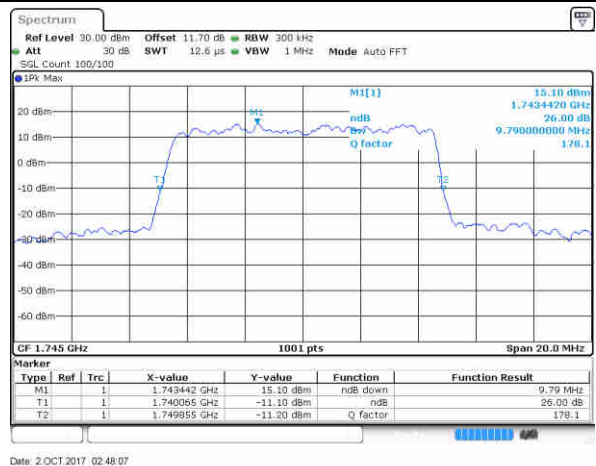
Lowest Channel / 10MHz / 16QAM



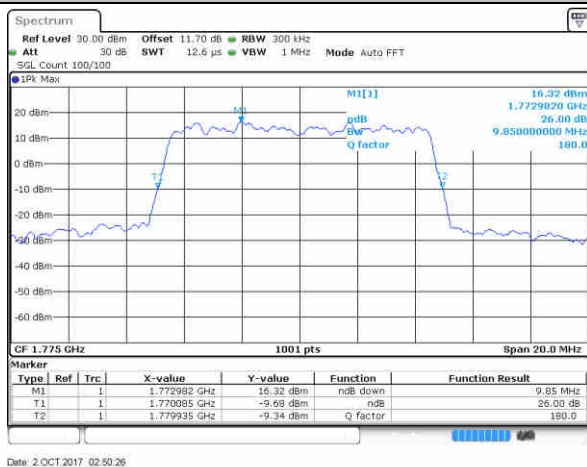
Middle Channel / 10MHz / QPSK



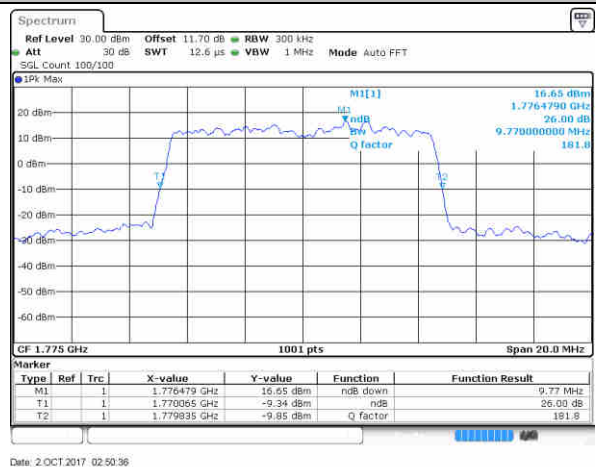
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



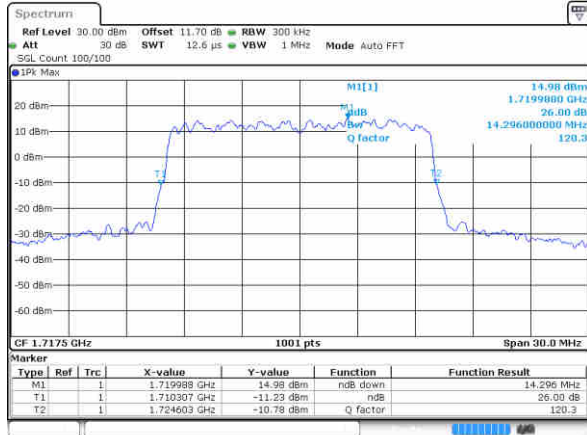
Highest Channel / 10MHz / 16QAM



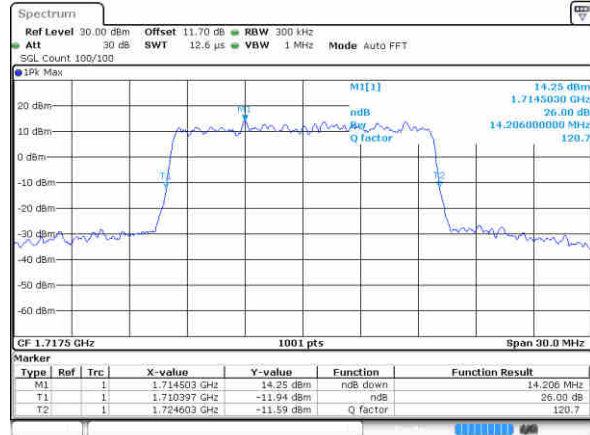


LTE Band 66

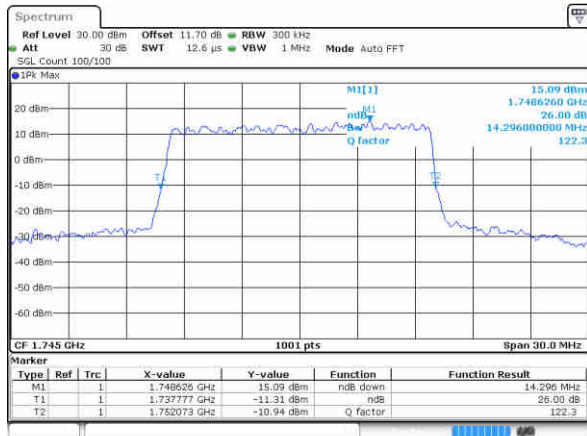
Lowest Channel / 15MHz / QPSK



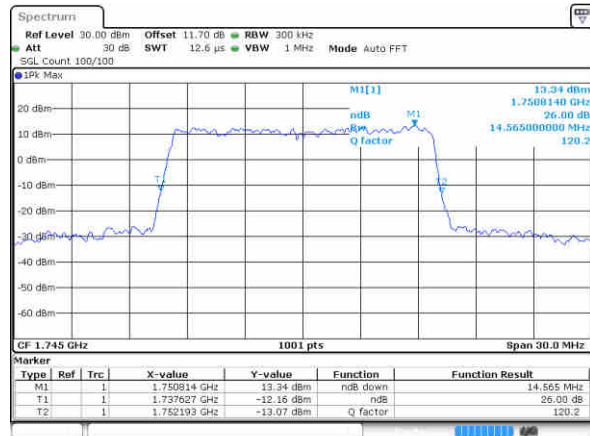
Lowest Channel / 15MHz / 16QAM



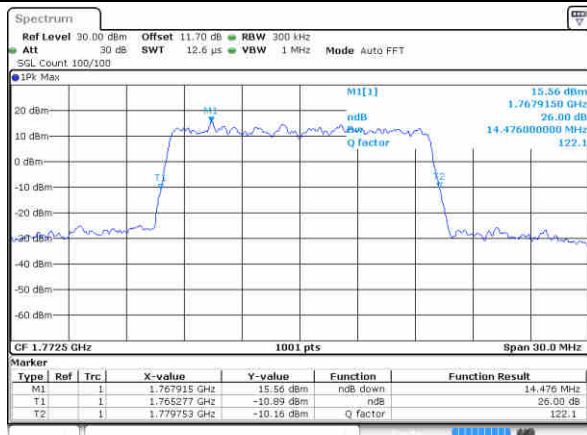
Middle Channel / 15MHz / QPSK



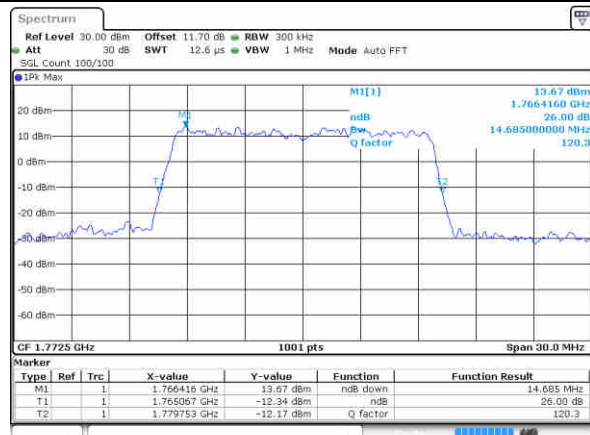
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



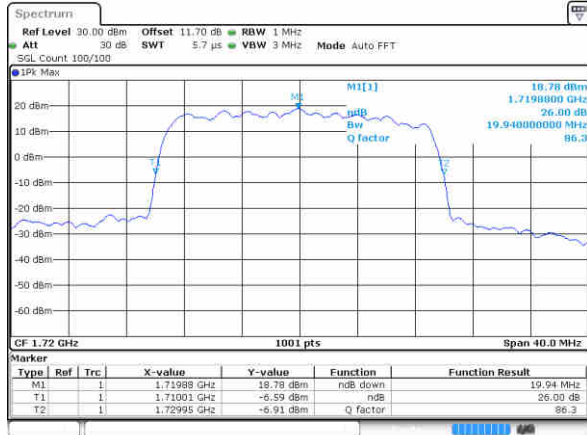
Highest Channel / 15MHz / 16QAM



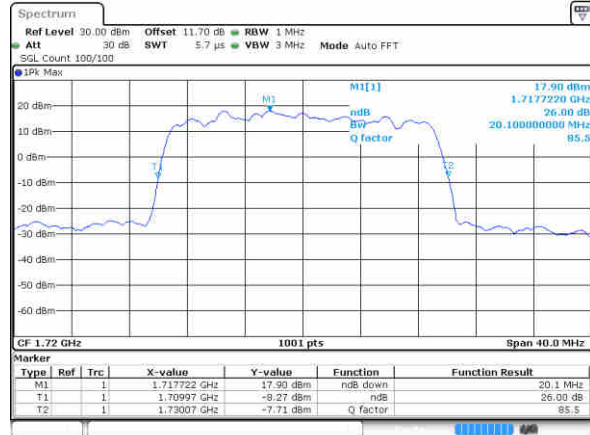


LTE Band 66

Lowest Channel / 20MHz / QPSK



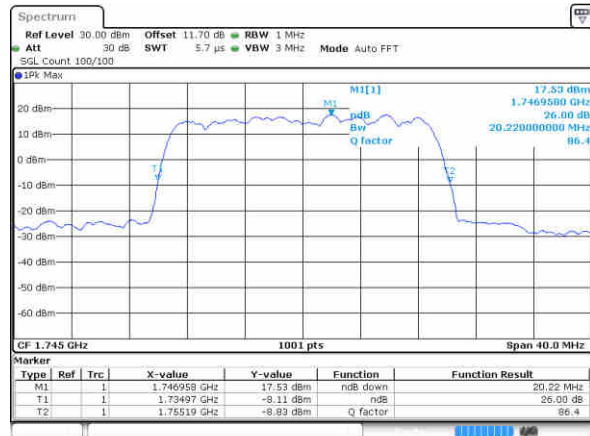
Lowest Channel / 20MHz / 16QAM



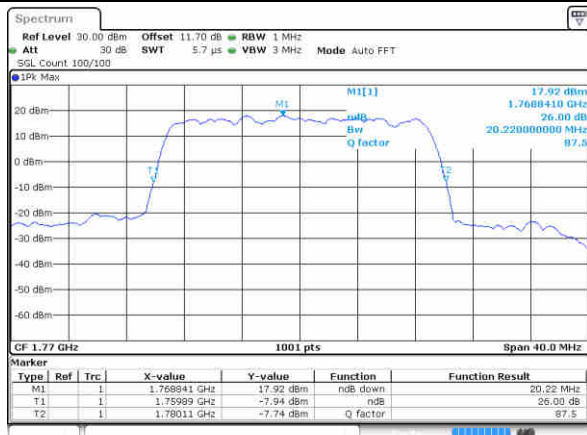
Middle Channel / 20MHz / QPSK



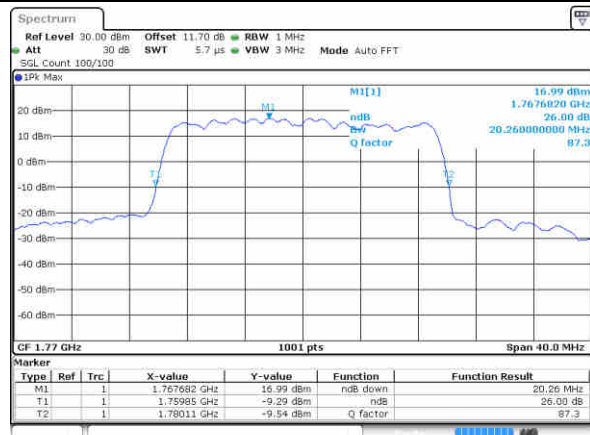
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



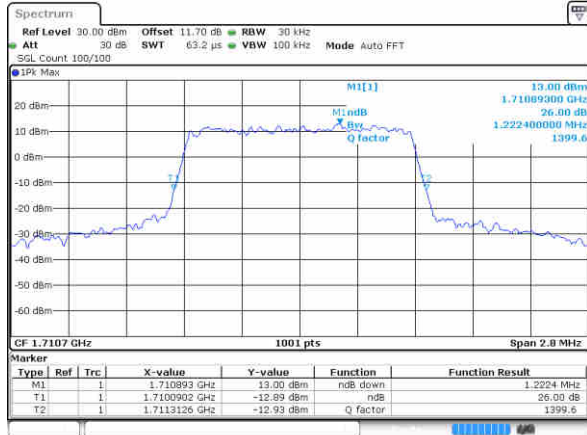
Highest Channel / 20MHz / 16QAM





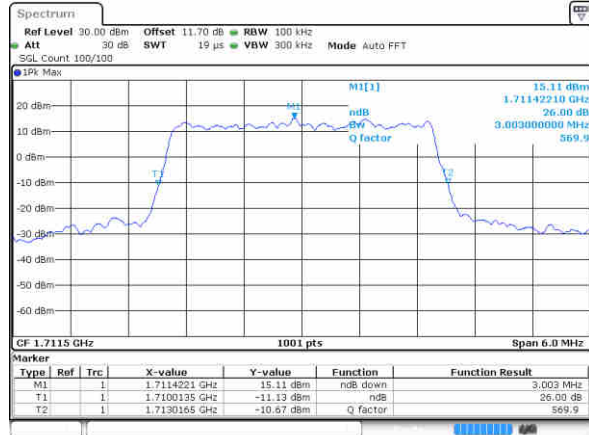
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



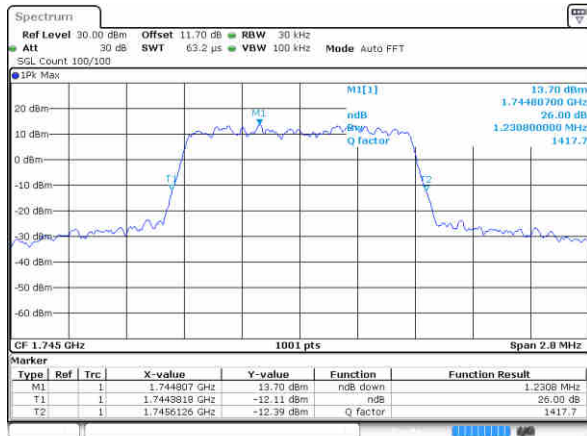
Date: 2.OCT.2017 01:59:10

Lowest Channel / 3MHz / 64QAM



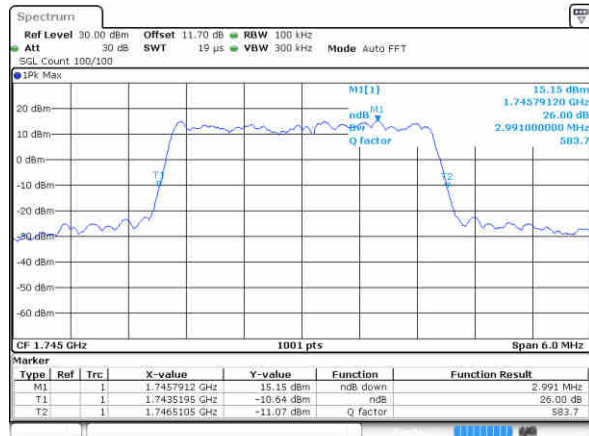
Date: 2.OCT.2017 03:30:35

Middle Channel / 20MHz / 64QAM



Date: 2.OCT.2017 02:02:42

Middle Channel / 3MHz / 64QAM



Date: 2.OCT.2017 03:34:07

Highest Channel / 20MHz / 64QAM



Date: 2.OCT.2017 02:03:57

Highest Channel / 3MHz / 64QAM

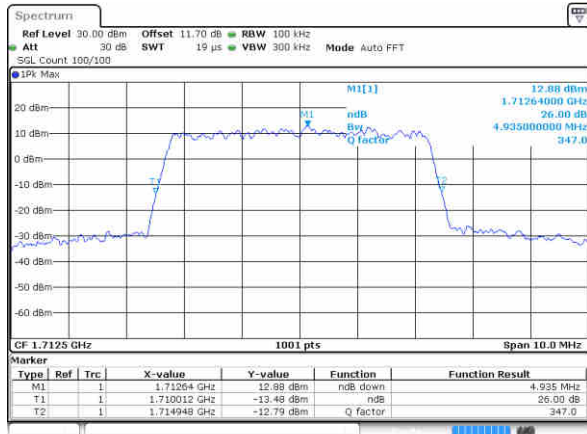


Date: 2.OCT.2017 03:35:21



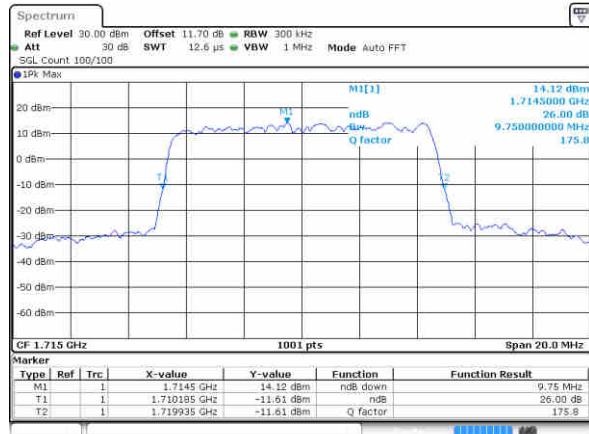
LTE Band 66

Lowest Channel / 5MHz / 64QAM



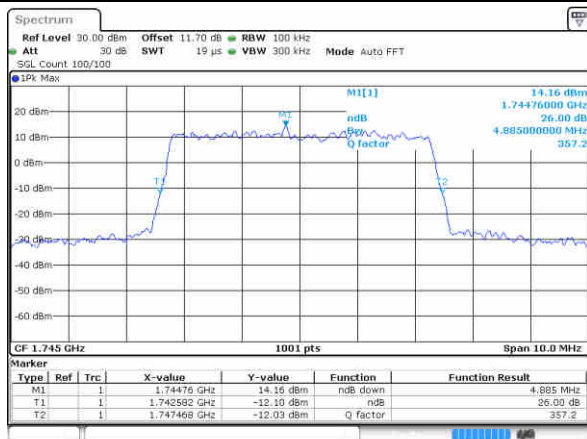
Date: 2.OCT.2017 03:38:53

Lowest Channel / 10MHz / 64QAM



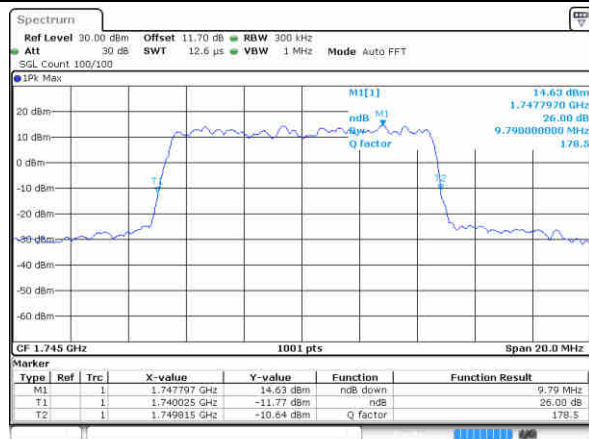
Date: 2.OCT.2017 03:47:12

Middle Channel / 5MHz / 64QAM



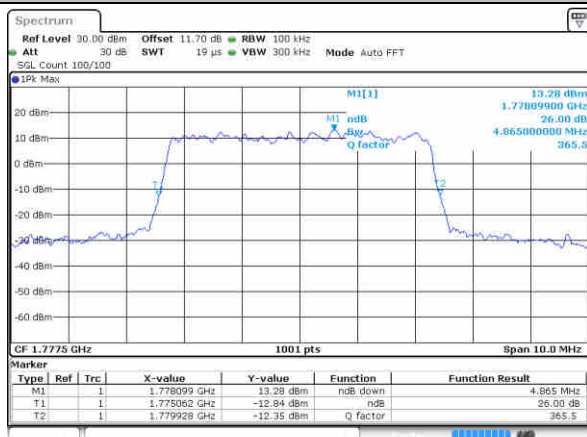
Date: 2.OCT.2017 03:42:25

Middle Channel / 10MHz / 64QAM



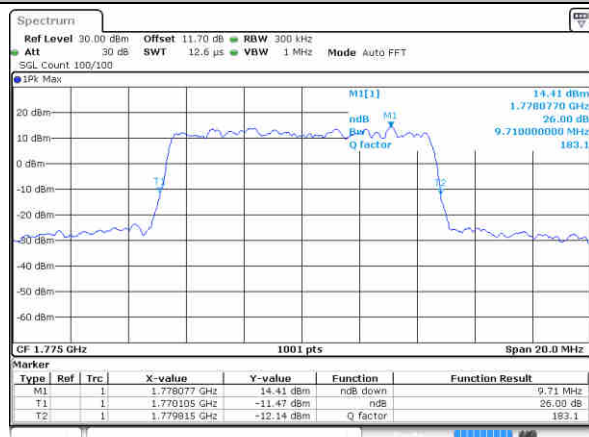
Date: 2.OCT.2017 03:50:44

Highest Channel / 5MHz / 64QAM



Date: 2.OCT.2017 03:43:40

Highest Channel / 10MHz / 64QAM

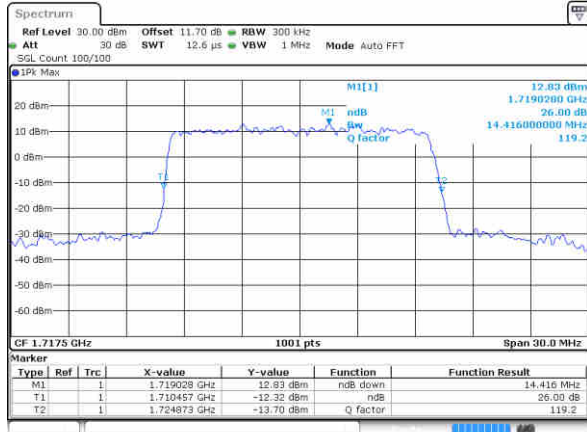


Date: 2.OCT.2017 03:51:59



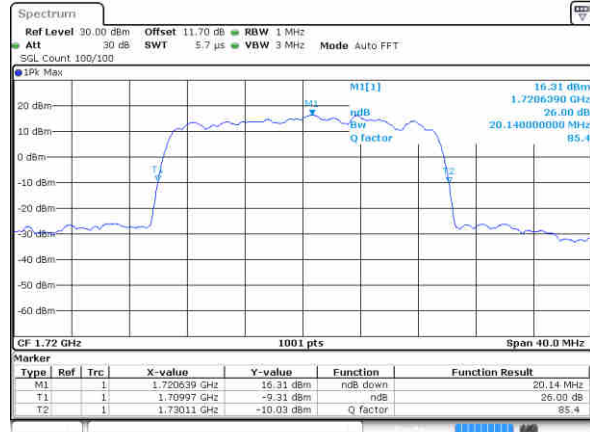
LTE Band 66

Lowest Channel / 15MHz / 64QAM



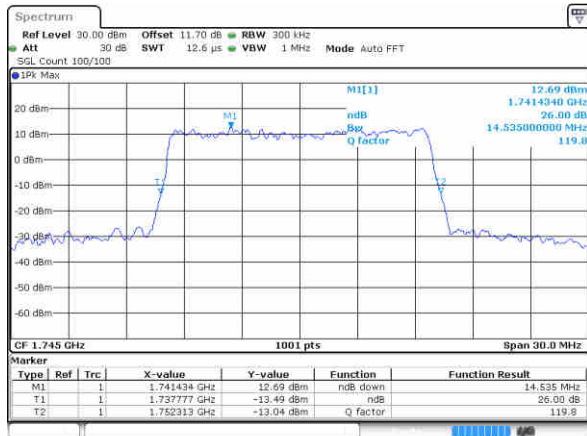
Date: 2.OCT.2017 03:55:31

Lowest Channel / 20MHz / 64QAM



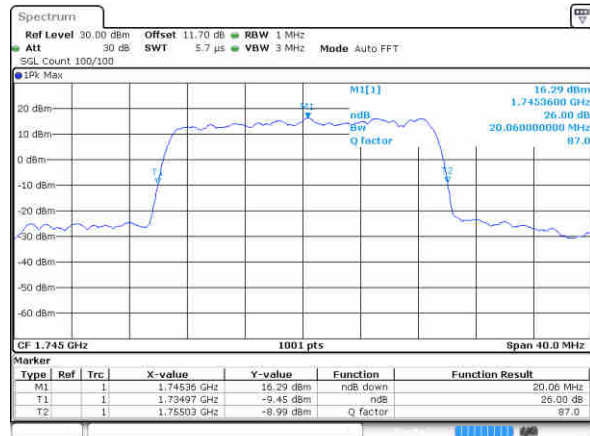
Date: 2.OCT.2017 04:03:50

Middle Channel / 15MHz / 64QAM



Date: 2.OCT.2017 03:59:03

Middle Channel / 20MHz / 64QAM



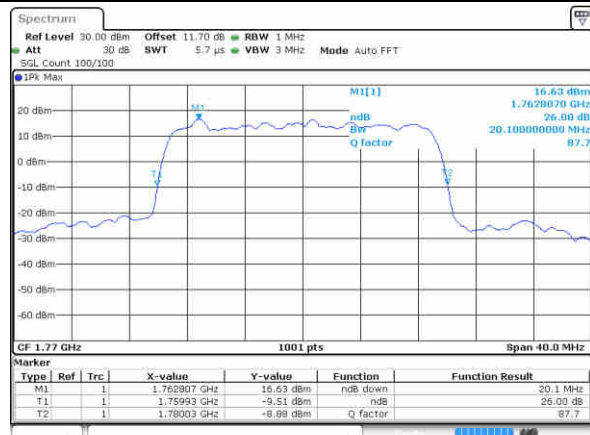
Date: 2.OCT.2017 04:07:22

Highest Channel / 15MHz / 64QAM



Date: 2.OCT.2017 04:00:18

Highest Channel / 20MHz / 64QAM



Date: 2.OCT.2017 04:08:36

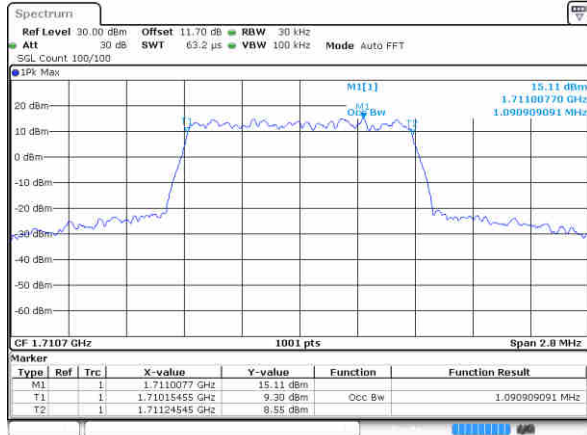
**Occupied Bandwidth**

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.48	4.48	8.99	9.03	13.4	13.46	18.22	18.26
Middle CH	1.09	1.1	2.72	2.73	4.51	4.49	9.11	9.05	13.49	13.43	18.3	18.46
Highest CH	1.09	1.09	2.73	2.73	4.48	4.5	9.07	9.03	13.37	13.4	18.34	18.34
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.49	-	9.07	-	13.46	-	18.22	-
Middle CH	1.09	-	2.73	-	4.49	-	9.03	-	13.49	-	18.46	-
Highest CH	1.09	-	2.7	-	4.5	-	9.07	-	13.4	-	18.26	-

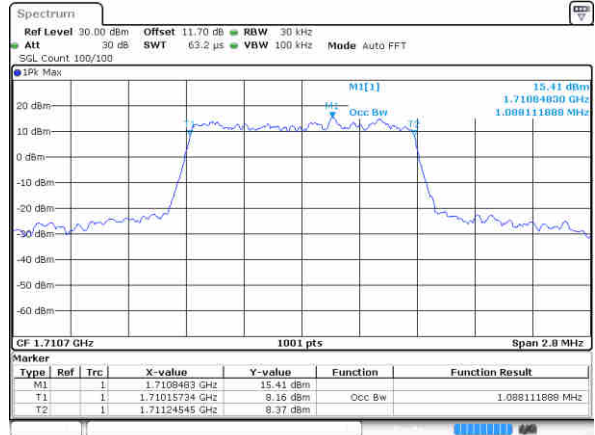


LTE Band 66

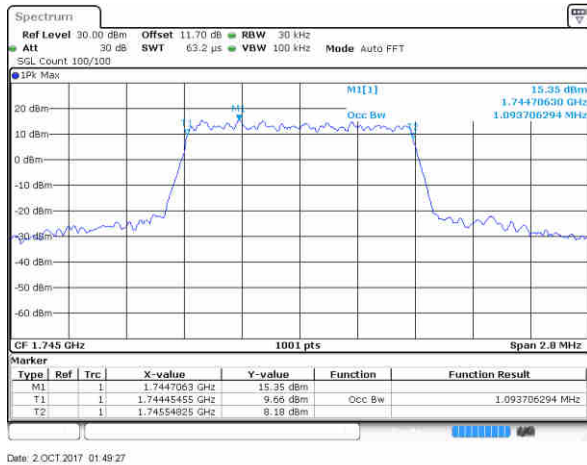
Lowest Channel / 1.4MHz / QPSK



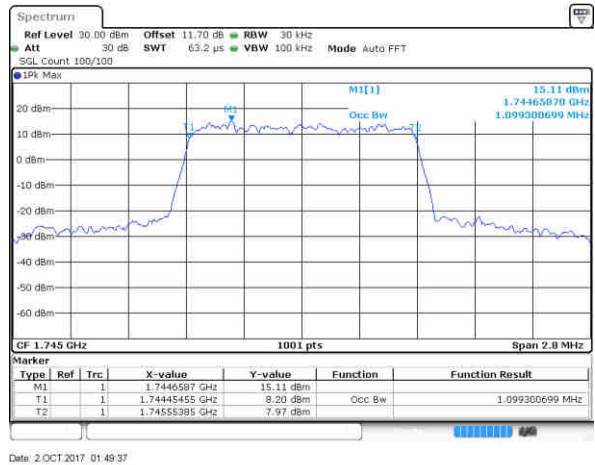
Lowest Channel / 1.4MHz / 16QAM



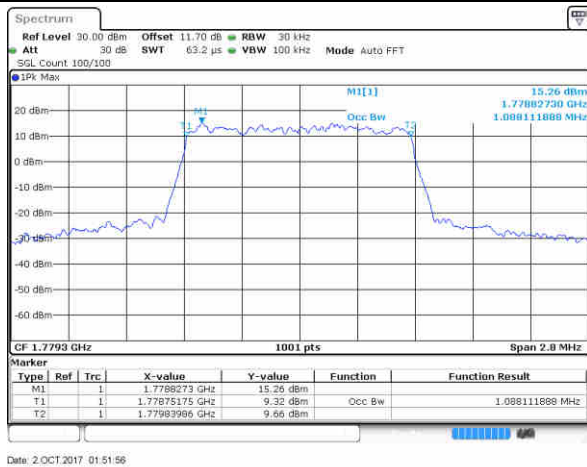
Middle Channel / 1.4MHz / QPSK



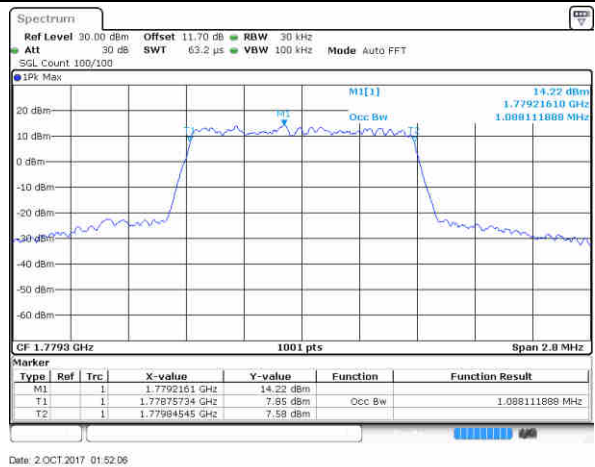
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



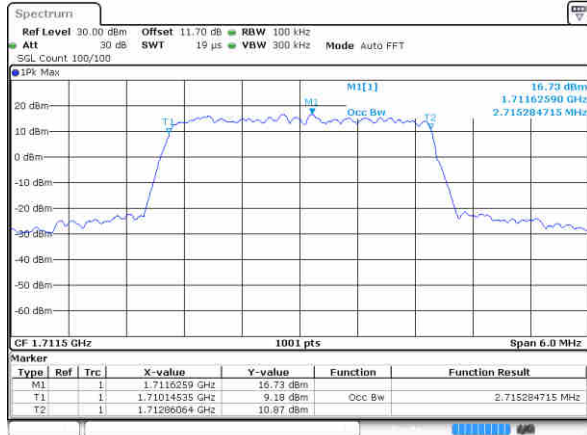
Highest Channel / 1.4MHz / 16QAM



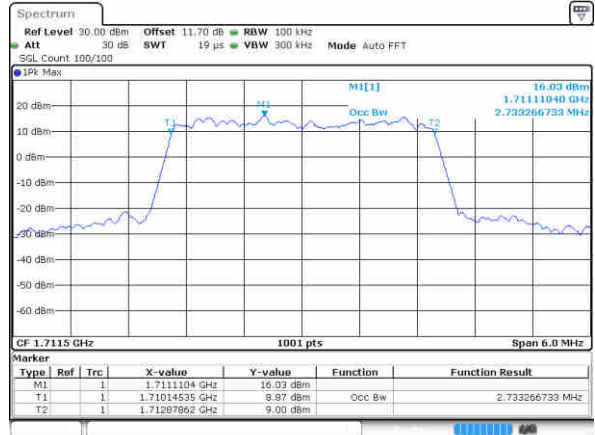


LTE Band 66

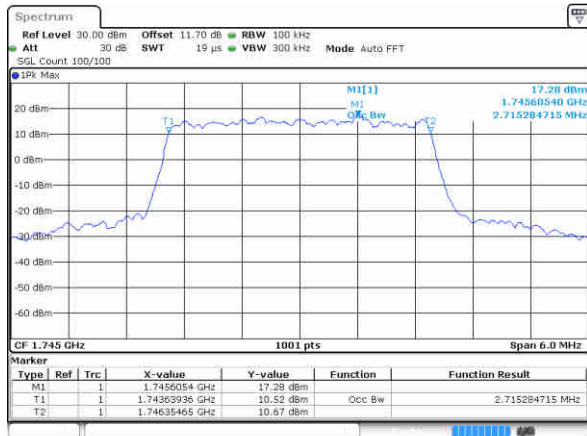
Lowest Channel / 3MHz / QPSK



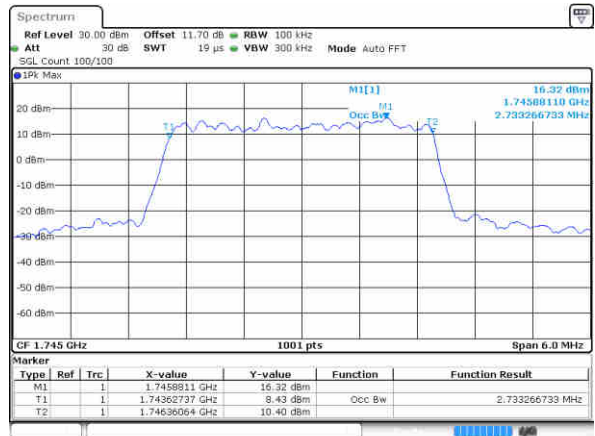
Lowest Channel / 3MHz / 16QAM



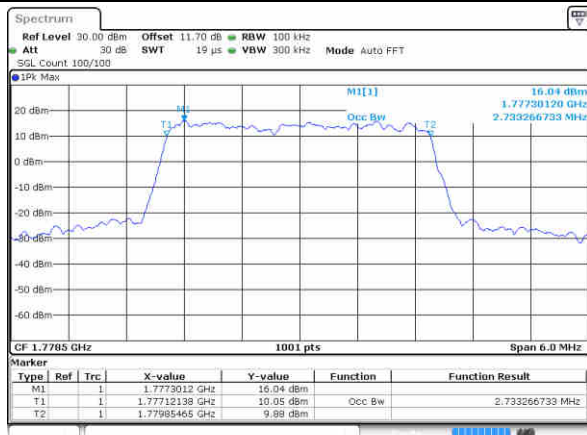
Middle Channel / 3MHz / QPSK



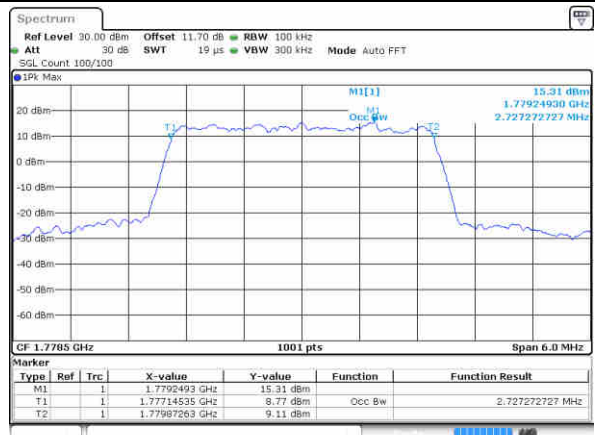
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



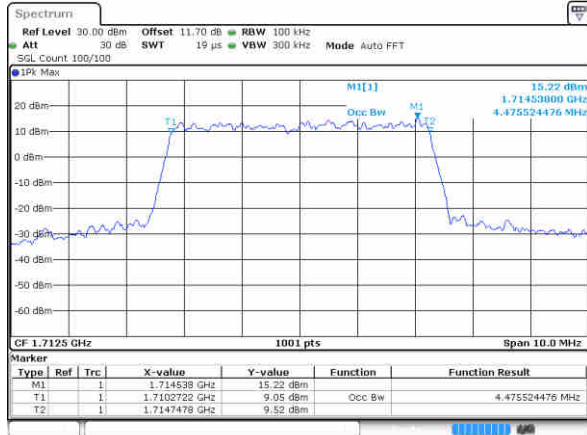
Highest Channel / 3MHz / 16QAM



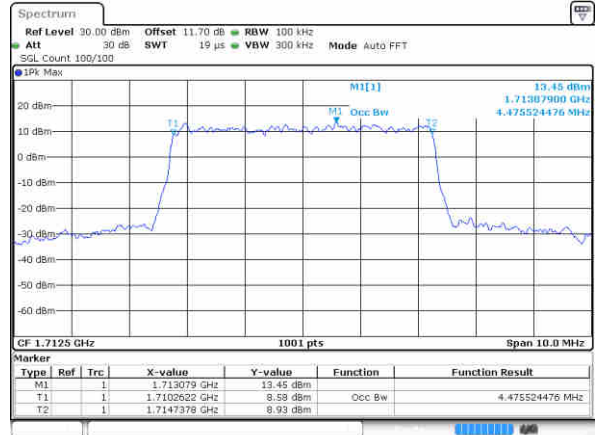


LTE Band 66

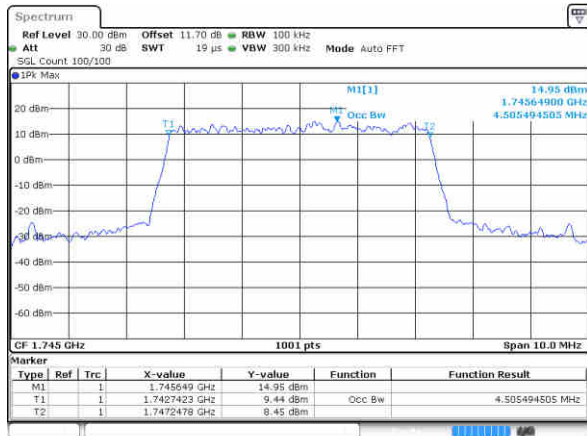
Lowest Channel / 5MHz / QPSK



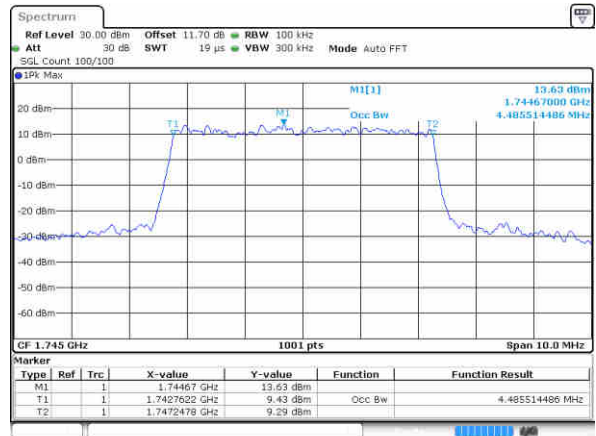
Lowest Channel / 5MHz / 16QAM



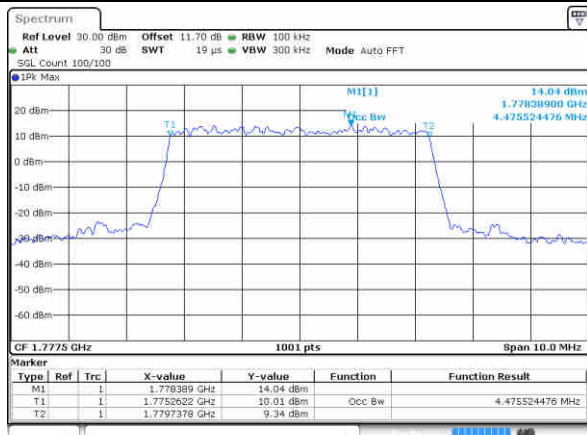
Middle Channel / 5MHz / QPSK



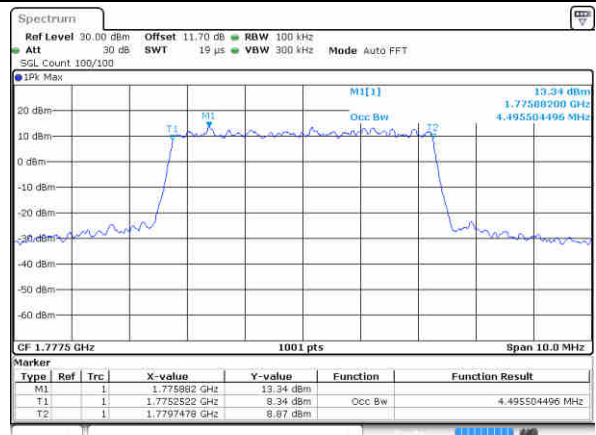
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



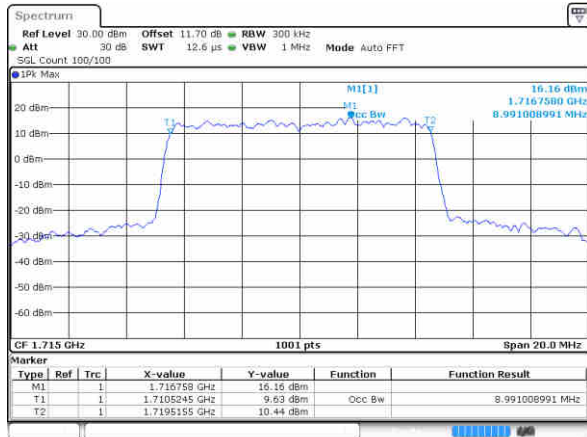
Highest Channel / 5MHz / 16QAM



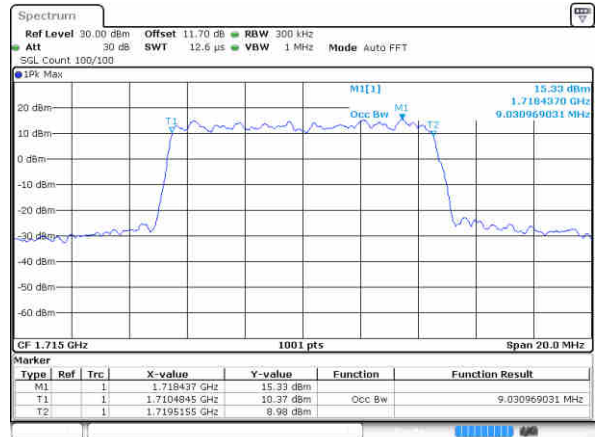


LTE Band 66

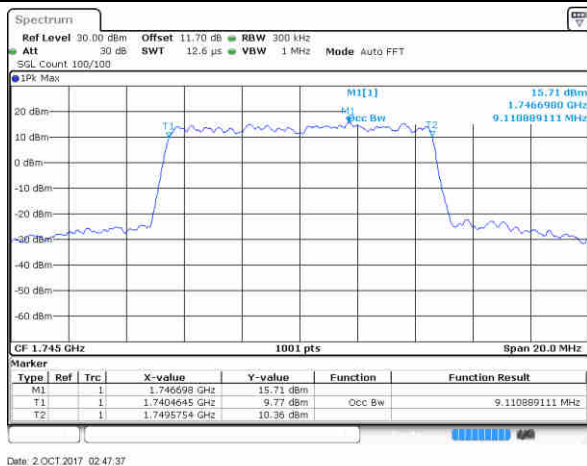
Lowest Channel / 10MHz / QPSK



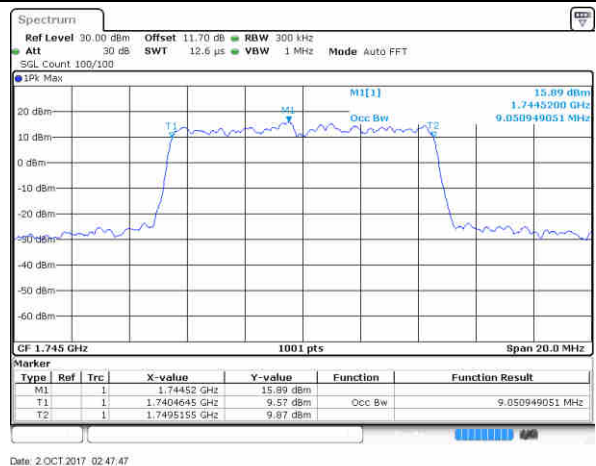
Lowest Channel / 10MHz / 16QAM



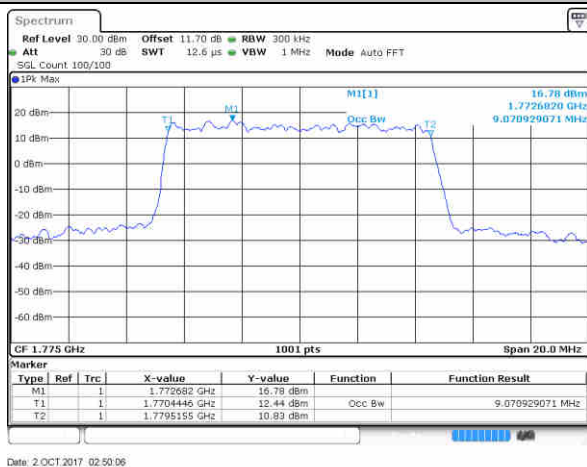
Middle Channel / 10MHz / QPSK



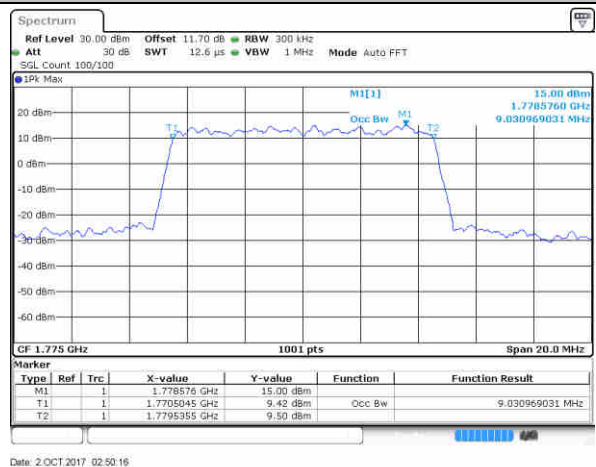
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



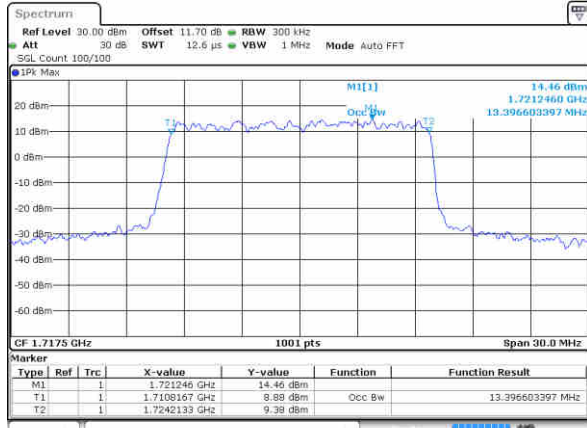
Highest Channel / 10MHz / 16QAM





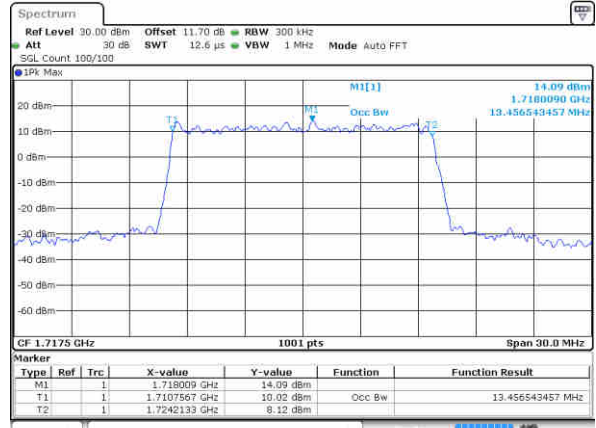
LTE Band 66

Lowest Channel / 15MHz / QPSK



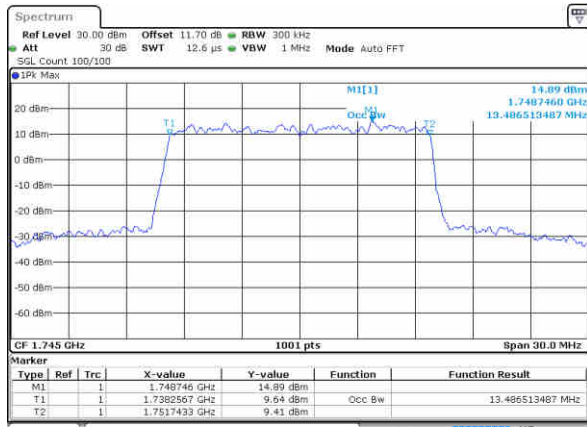
Date: 2.OCT.2017 02:57:10

Lowest Channel / 15MHz / 16QAM



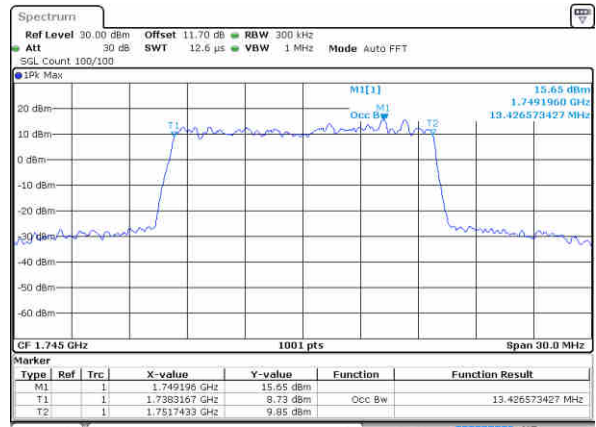
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Middle Channel / 15MHz / QPSK



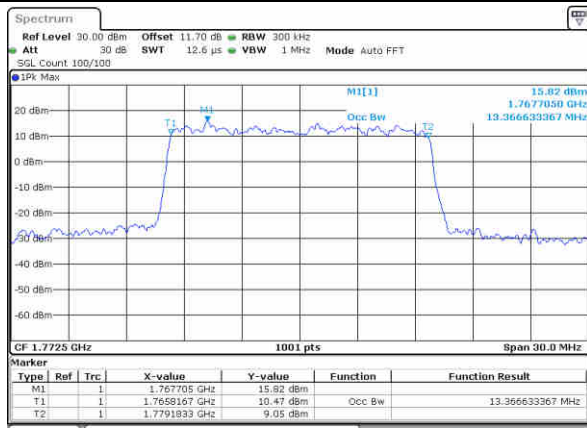
Date: 2.OCT.2017 03:04:14

Middle Channel / 15MHz / 16QAM



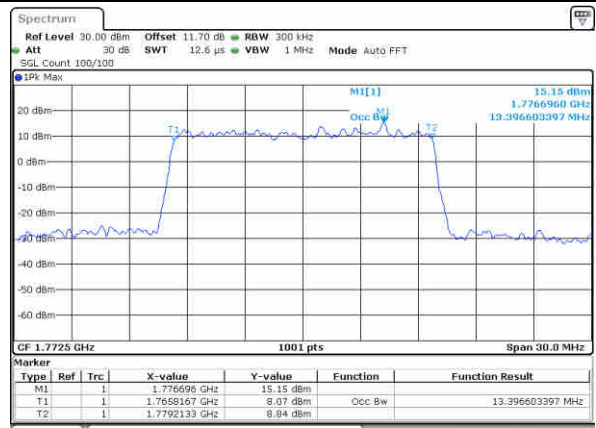
Date: 2.OCT.2017 03:04:24

Highest Channel / 15MHz / QPSK



Date: 2.OCT.2017 03:06:43

Highest Channel / 15MHz / 16QAM



Date: 2.OCT.2017 03:06:53