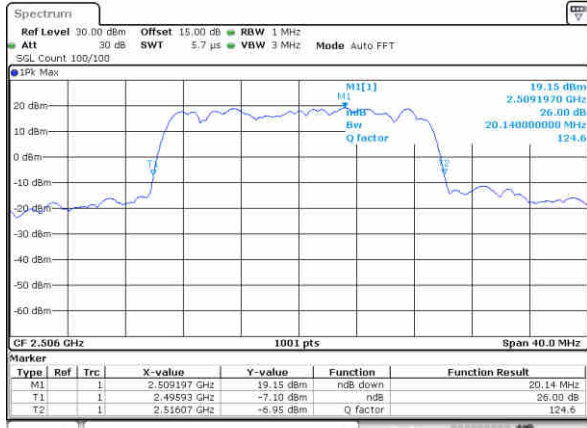




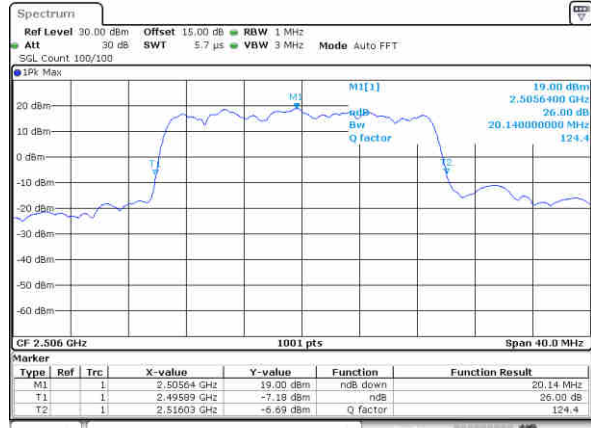
LTE Band 41

Lowest Channel / 20MHz / QPSK



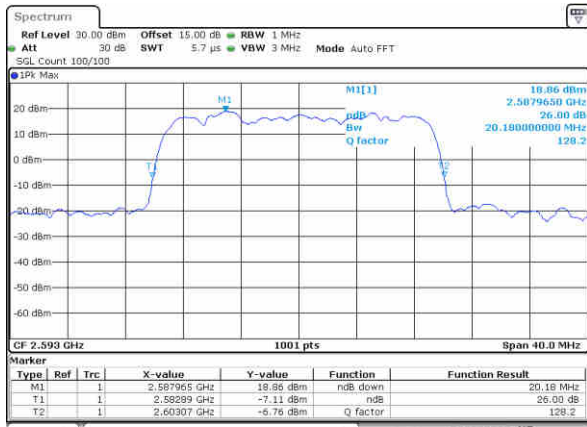
Date: 30, Dec, 2017 09:47:54

Lowest Channel / 20MHz / 16QAM



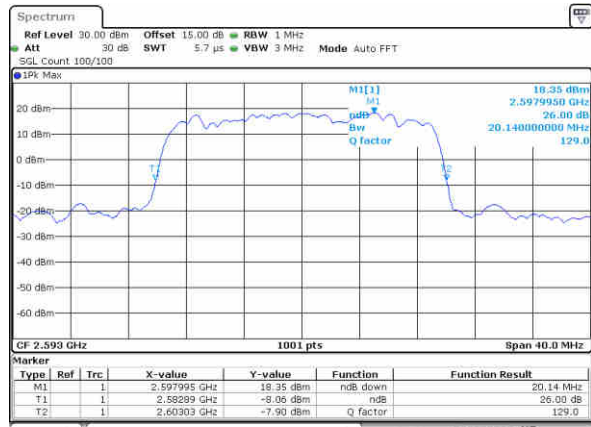
Date: 30, Dec, 2017 09:48:04

Middle Channel / 20MHz / QPSK



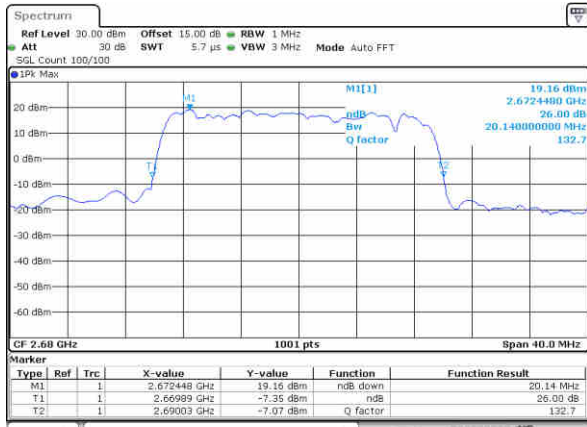
Date: 30, Dec, 2017 09:48:34

Middle Channel / 20MHz / 16QAM



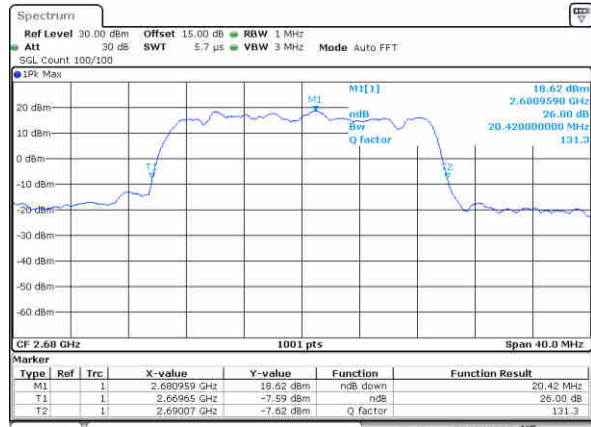
Date: 30, Dec, 2017 09:48:44

Highest Channel / 20MHz / QPSK



Date: 30, Dec, 2017 09:49:14

Highest Channel / 20MHz / 16QAM

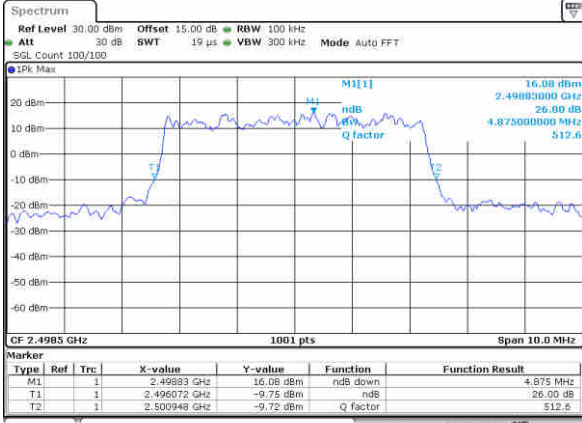


Date: 30, Dec, 2017 09:49:24



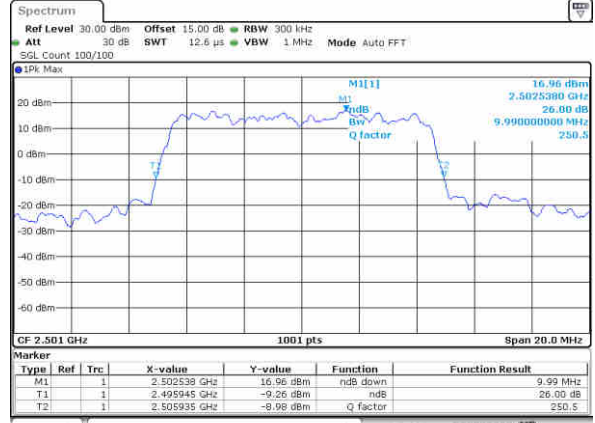
LTE Band 41

Lowest Channel / 5MHz / 64QAM



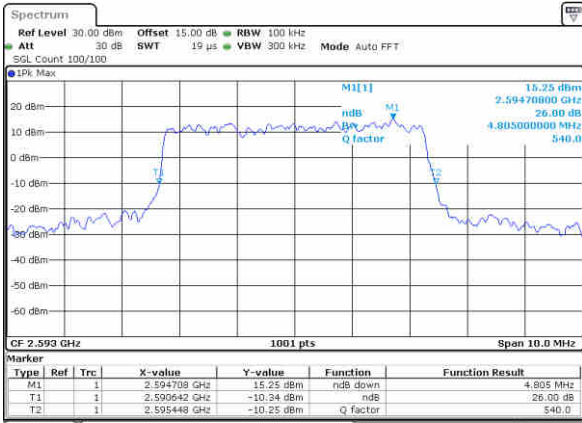
Date: 30_DEC.2017 15:30:10

Lowest Channel / 10MHz / 64QAM



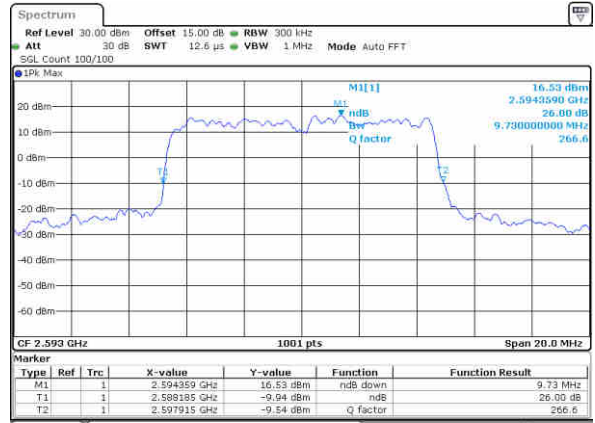
Date: 30_DEC.2017 11:53:57

Middle Channel / 5MHz / 64QAM



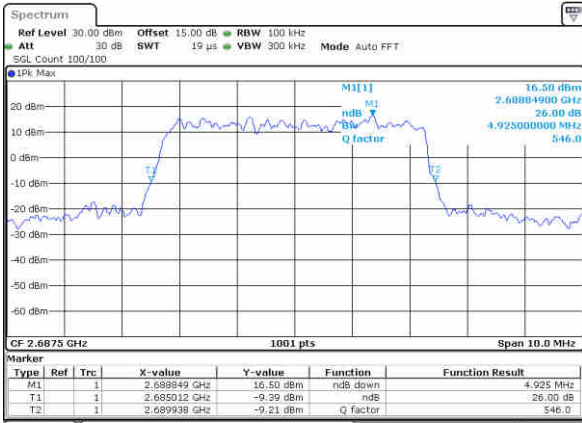
Date: 30_DEC.2017 11:53:47

Middle Channel / 10MHz / 64QAM



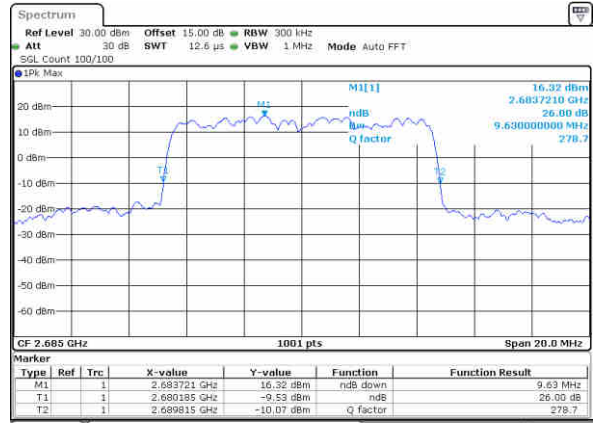
Date: 30_DEC.2017 11:53:47

Highest Channel / 5MHz / 64QAM



Date: 30_DEC.2017 11:53:37

Highest Channel / 10MHz / 64QAM

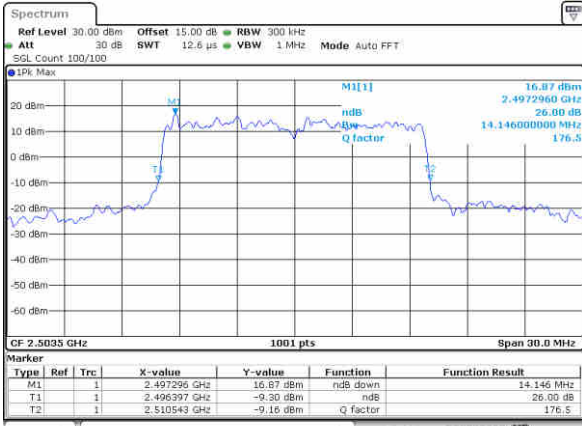


Date: 30_DEC.2017 11:53:37



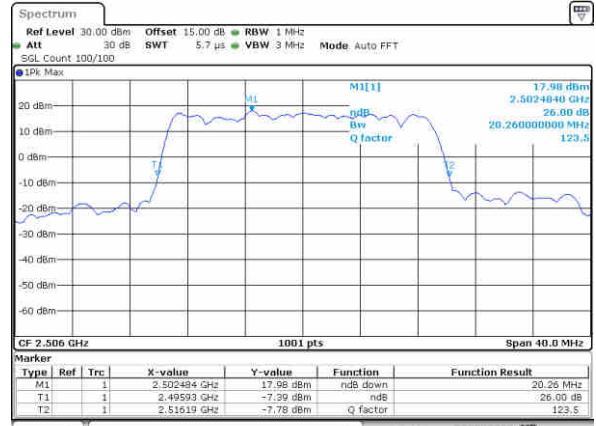
LTE Band 41

Lowest Channel / 15MHz / 64QAM



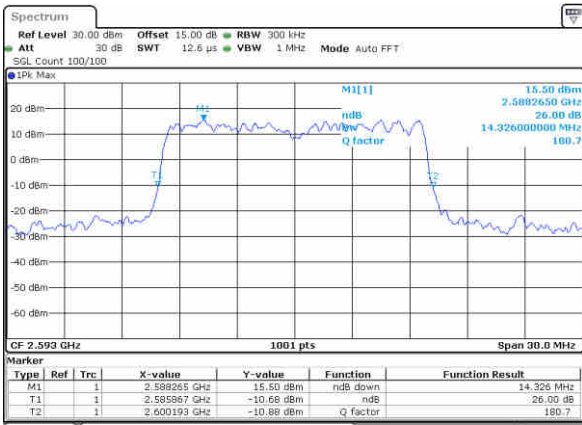
Date: 30_DEC.2017 11:34:57

Lowest Channel / 20MHz / 64QAM



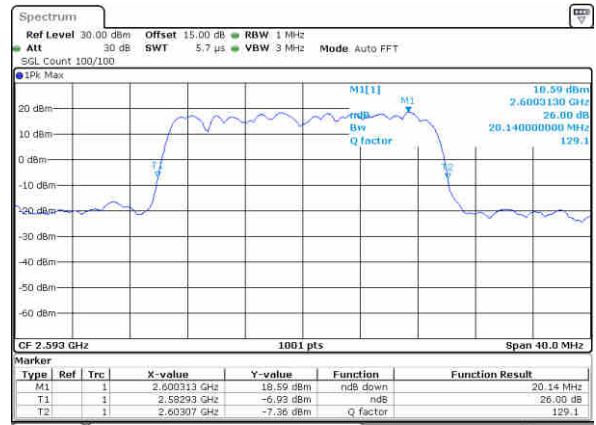
Date: 30_DEC.2017 11:35:58

Middle Channel / 15MHz / 64QAM



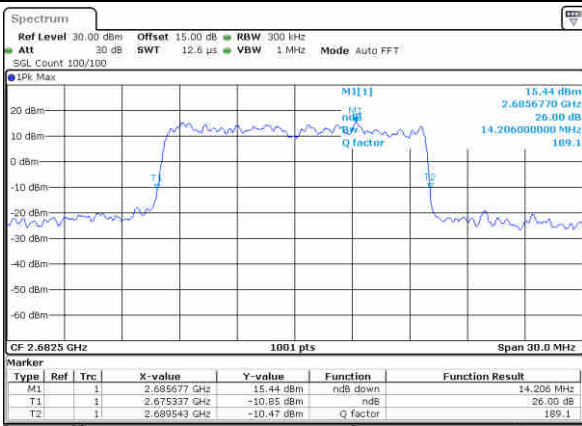
Date: 30_DEC.2017 11:35:18

Middle Channel / 20MHz / 64QAM



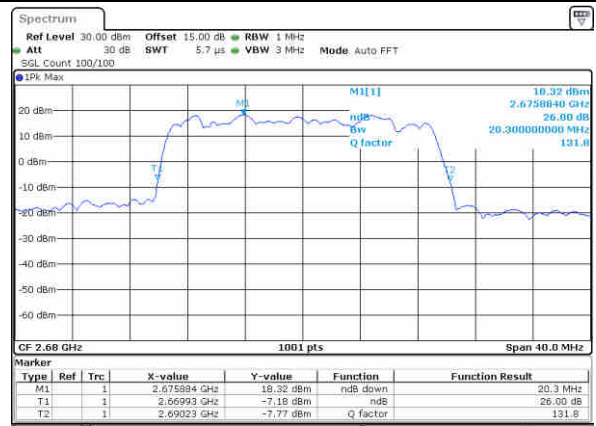
Date: 30_DEC.2017 11:36:18

Highest Channel / 15MHz / 64QAM



Date: 30_DEC.2017 11:35:38

Highest Channel / 20MHz / 64QAM

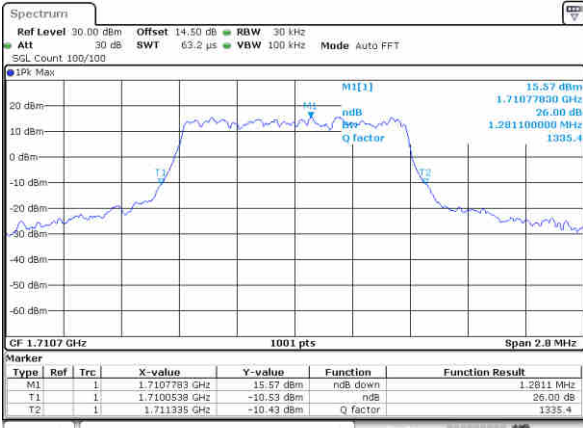


Date: 30_DEC.2017 11:36:38



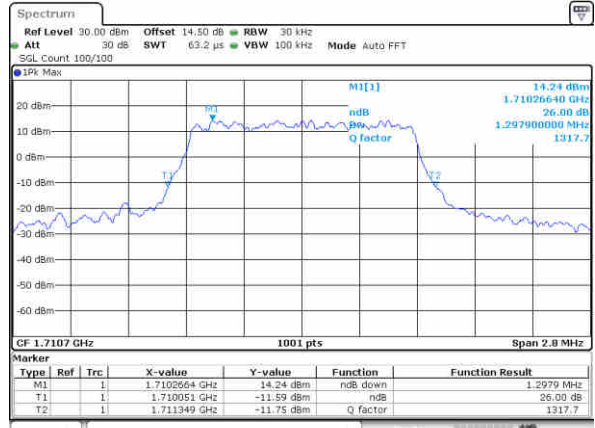
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



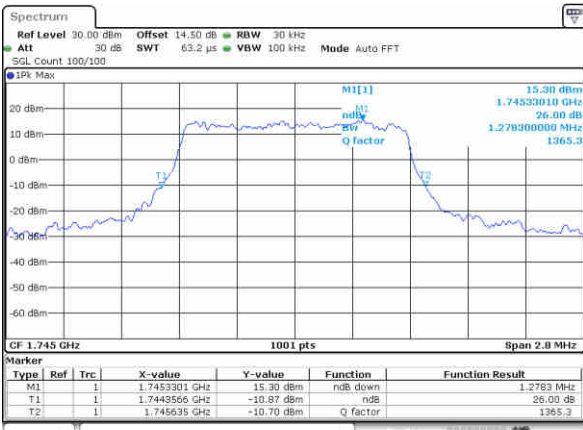
Date: 27, Dec, 2017 17:28:33

Lowest Channel / 1.4MHz / 16QAM



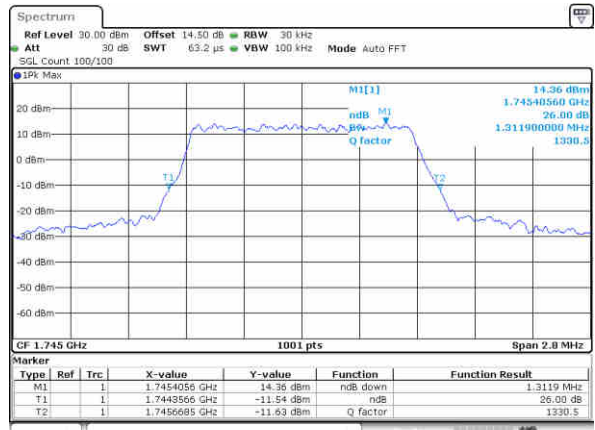
Date: 27, Dec, 2017 17:41:50

Middle Channel / 1.4MHz / QPSK



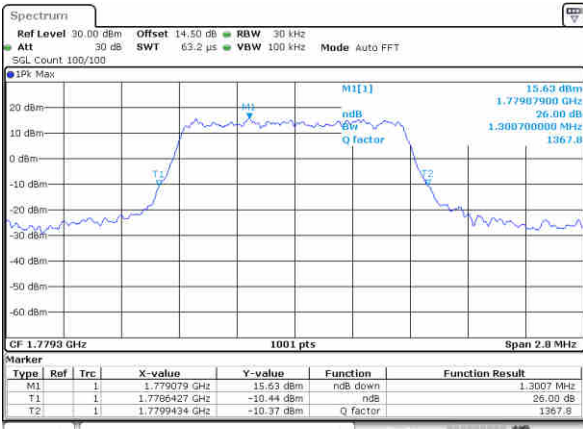
Date: 27, Dec, 2017 17:46:44

Middle Channel / 1.4MHz / 16QAM



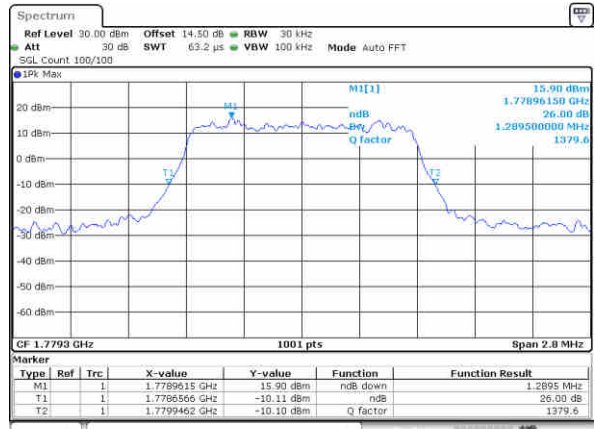
Date: 27, Dec, 2017 17:45:33

Highest Channel / 1.4MHz / QPSK



Date: 27, Dec, 2017 17:46:02

Highest Channel / 1.4MHz / 16QAM

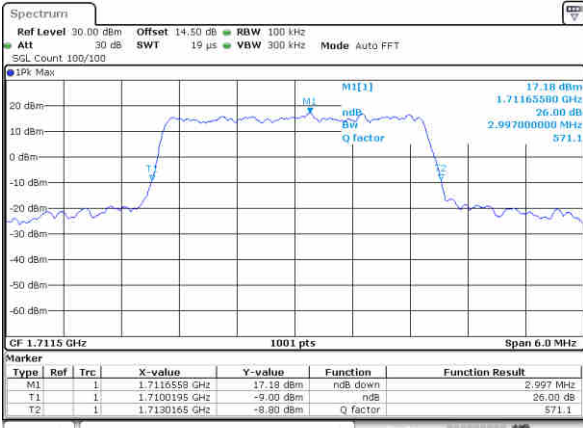


Date: 27, Dec, 2017 17:47:32



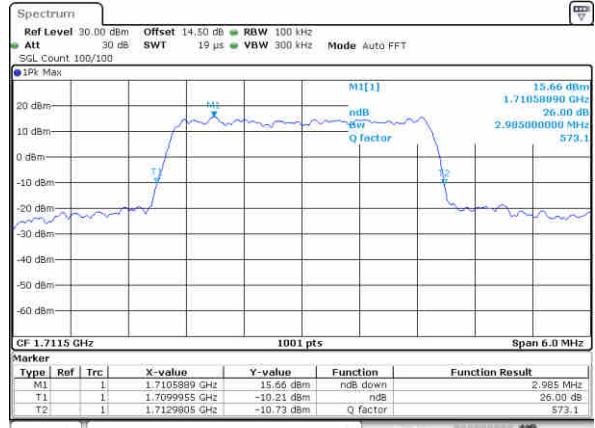
LTE Band 66

Lowest Channel / 3MHz / QPSK



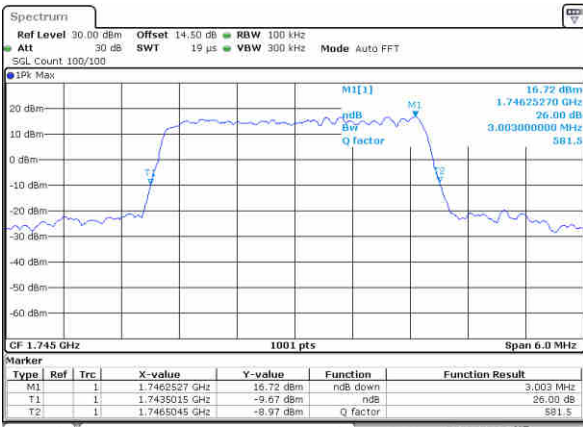
Date: 27_Dec,2017 18:22:14

Lowest Channel / 3MHz / 16QAM



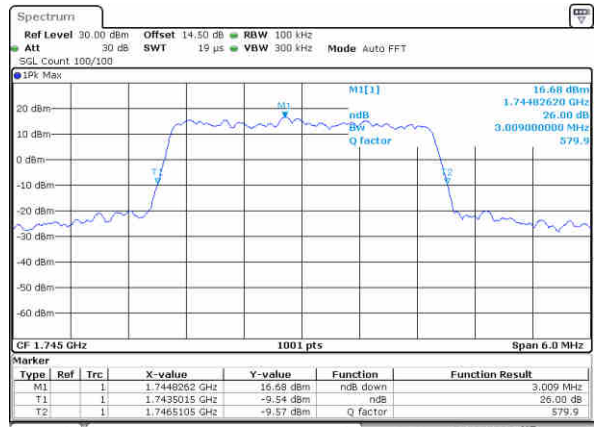
Date: 27_Dec,2017 18:23:45

Middle Channel / 3MHz / QPSK



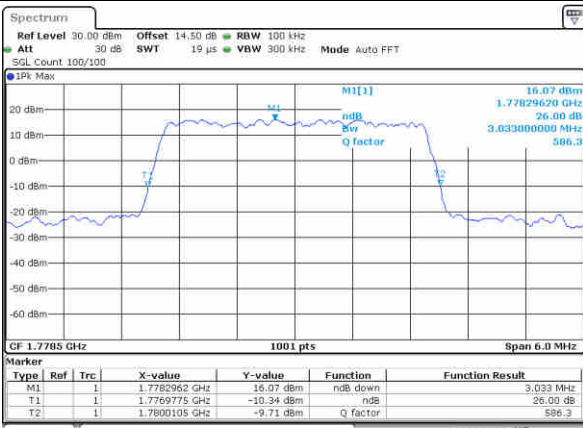
Date: 27_Dec,2017 18:33:36

Middle Channel / 3MHz / 16QAM



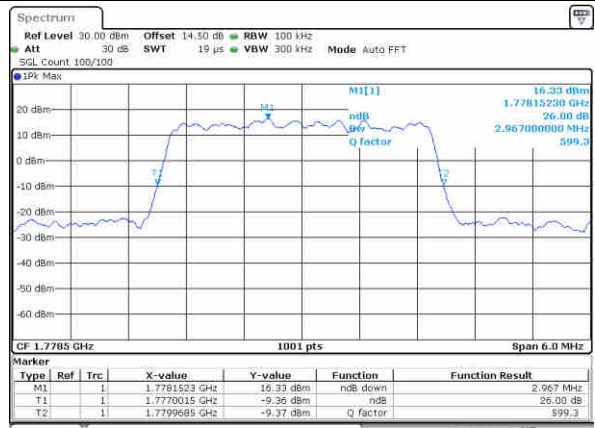
Date: 27_Dec,2017 18:33:67

Highest Channel / 3MHz / QPSK



Date: 27_Dec,2017 18:34:22

Highest Channel / 3MHz / 16QAM

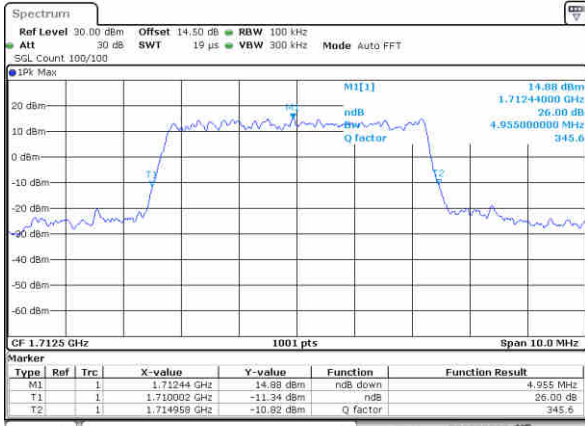


Date: 27_Dec,2017 18:35:16



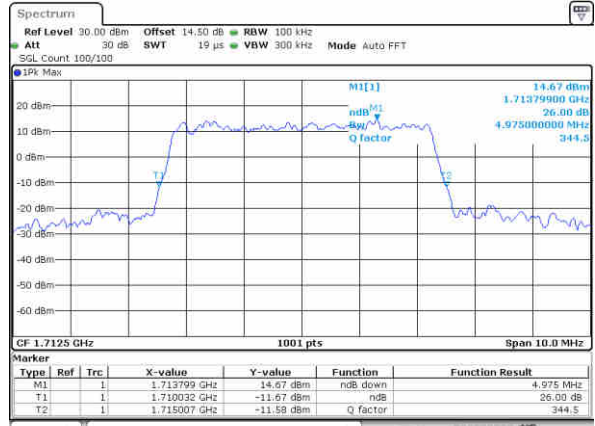
LTE Band 66

Lowest Channel / 5MHz / QPSK



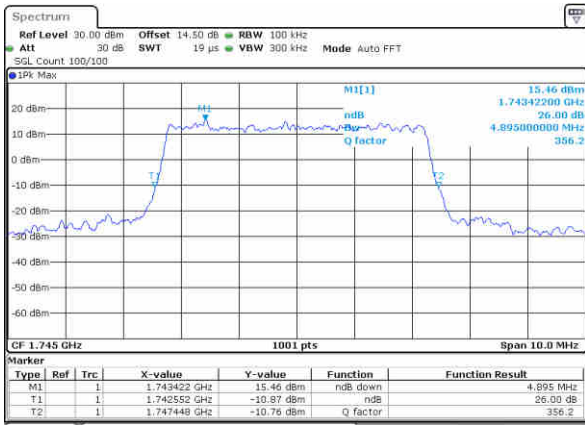
Date: 27, Dec, 2017 19:42:14

Lowest Channel / 5MHz / 16QAM



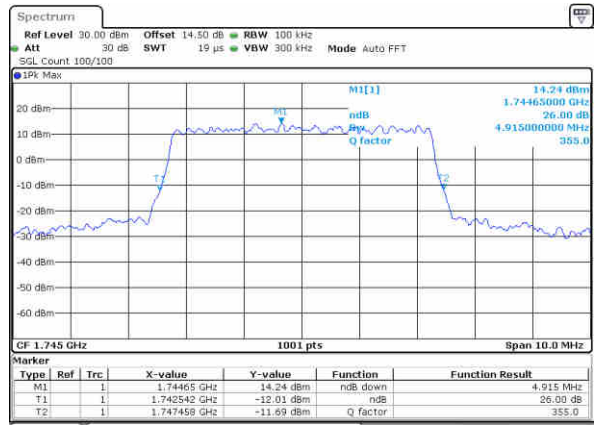
Date: 27, Dec, 2017 19:41:37

Middle Channel / 5MHz / QPSK



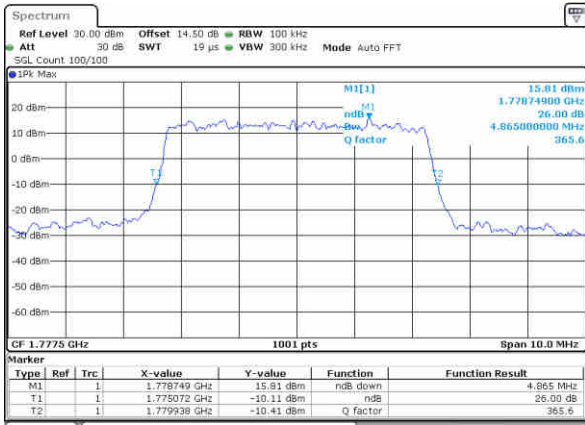
Date: 27, Dec, 2017 19:19:47

Middle Channel / 5MHz / 16QAM



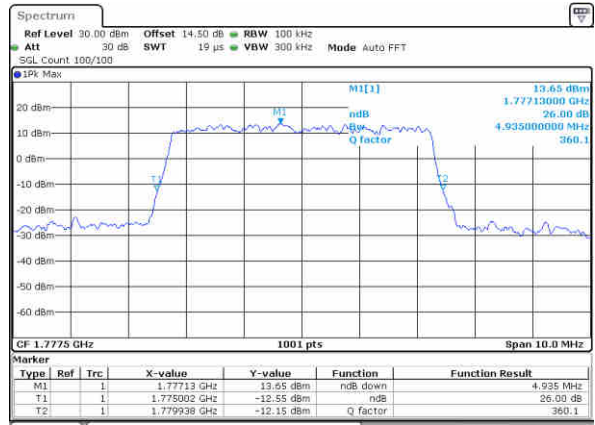
Date: 27, Dec, 2017 19:19:21

Highest Channel / 5MHz / QPSK



Date: 27, Dec, 2017 19:11:34

Highest Channel / 5MHz / 16QAM

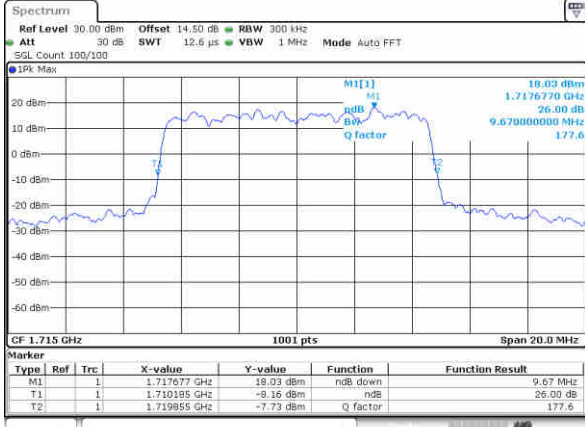


Date: 27, Dec, 2017 19:12:32



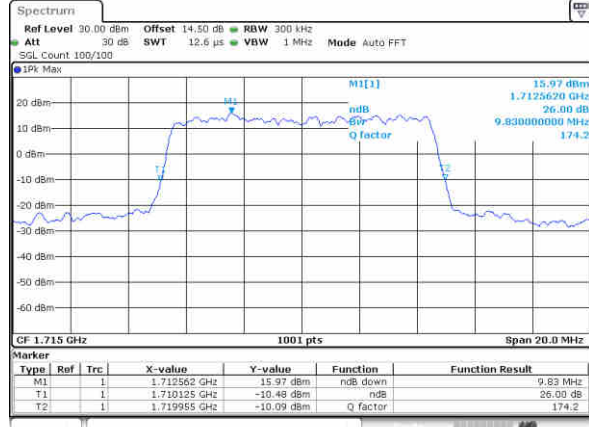
LTE Band 66

Lowest Channel / 10MHz / QPSK



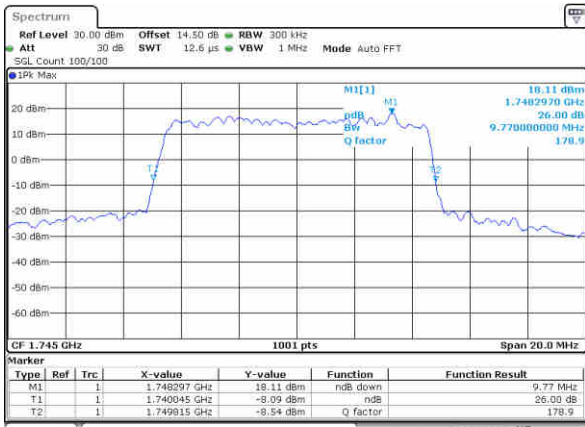
Date: 27_Dec.2017 19:19:54

Lowest Channel / 10MHz / 16QAM



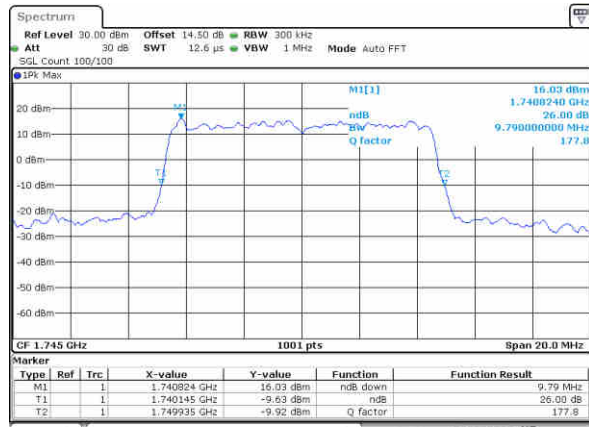
Date: 27_Dec.2017 19:18:57

Middle Channel / 10MHz / QPSK



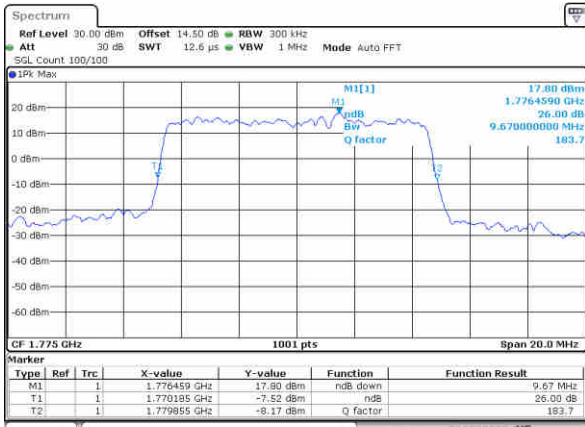
Date: 27_Dec.2017 20:15:08

Middle Channel / 10MHz / 16QAM



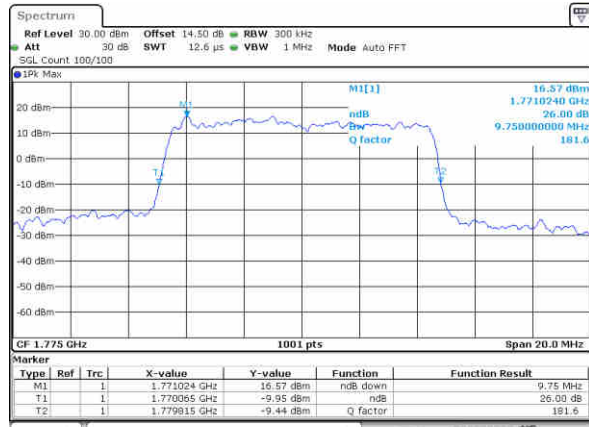
Date: 27_Dec.2017 20:16:22

Highest Channel / 10MHz / QPSK



Date: 27_Dec.2017 20:26:21

Highest Channel / 10MHz / 16QAM

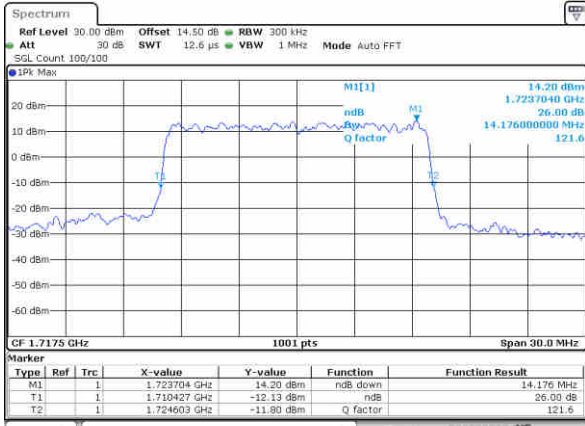


Date: 27_Dec.2017 20:25:32



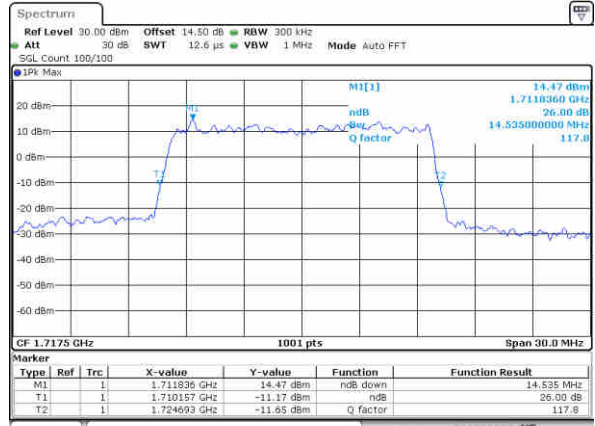
LTE Band 66

Lowest Channel / 15MHz / QPSK



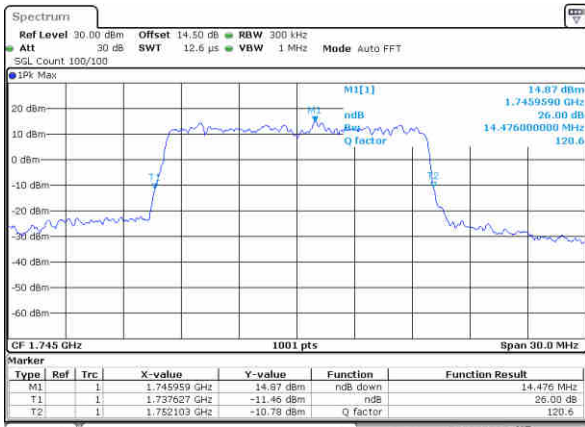
Date: 27_Dec,2017 23:28:05

Lowest Channel / 15MHz / 16QAM



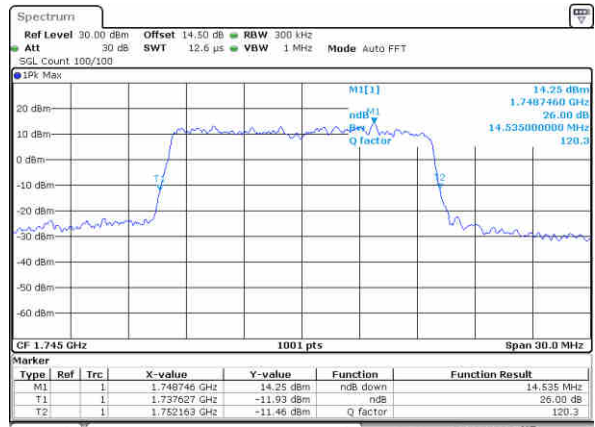
Date: 27_Dec,2017 23:28:58

Middle Channel / 15MHz / QPSK



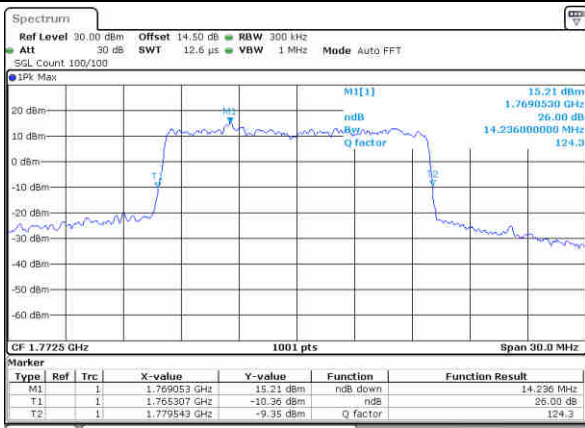
Date: 27_Dec,2017 23:28:34

Middle Channel / 15MHz / 16QAM



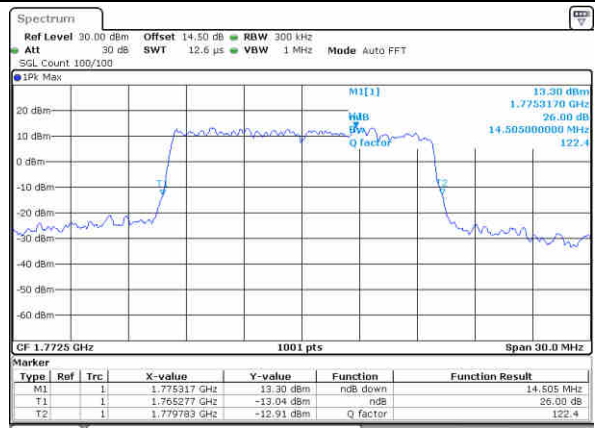
Date: 27_Dec,2017 23:28:11

Highest Channel / 15MHz / QPSK



Date: 27_Dec,2017 23:27:17

Highest Channel / 15MHz / 16QAM

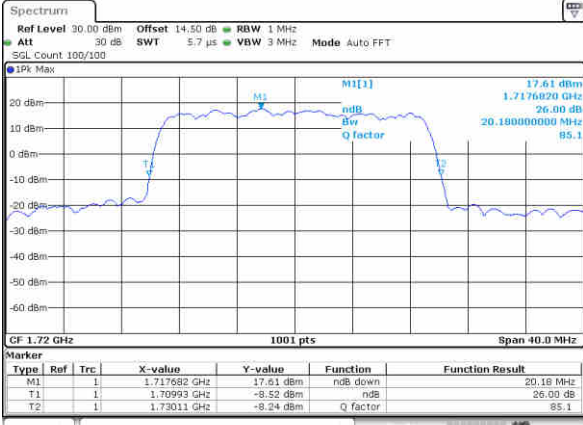


Date: 27_Dec,2017 23:28:03



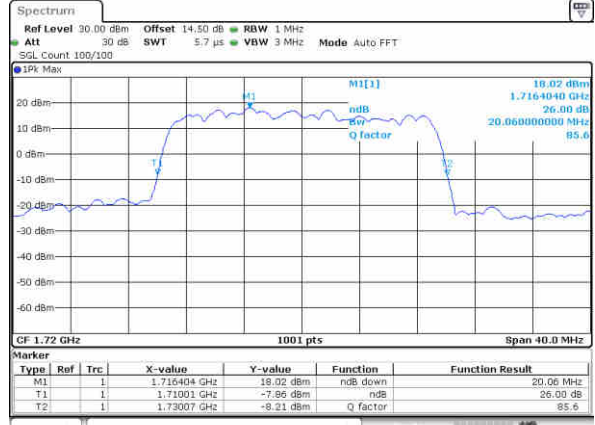
LTE Band 66

Lowest Channel / 20MHz / QPSK



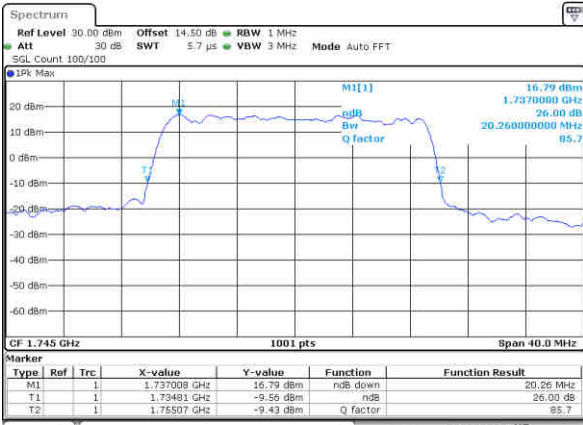
Date: 27_Dec,2017 23:35:52

Lowest Channel / 20MHz / 16QAM



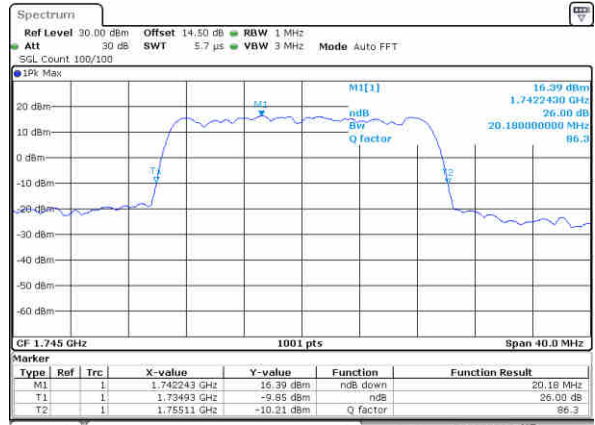
Date: 27_Dec,2017 23:35:11

Middle Channel / 20MHz / QPSK



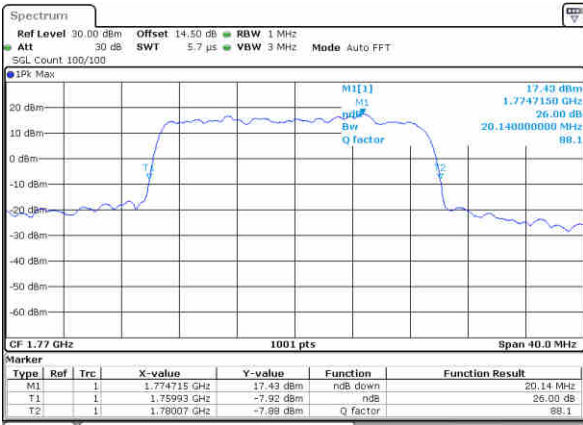
Date: 27_Dec,2017 23:42:01

Middle Channel / 20MHz / 16QAM



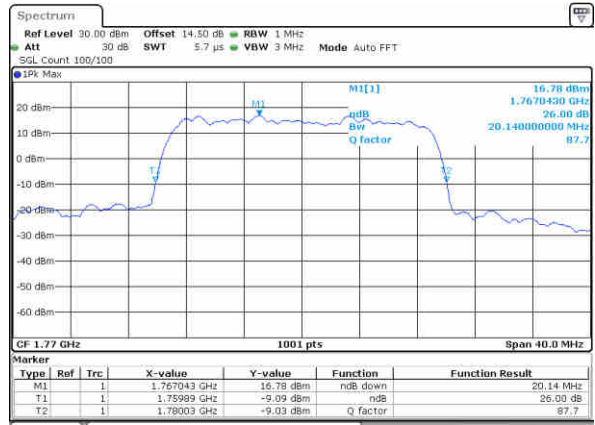
Date: 27_Dec,2017 23:42:33

Highest Channel / 20MHz / QPSK



Date: 27_Dec,2017 23:44:09

Highest Channel / 20MHz / 16QAM

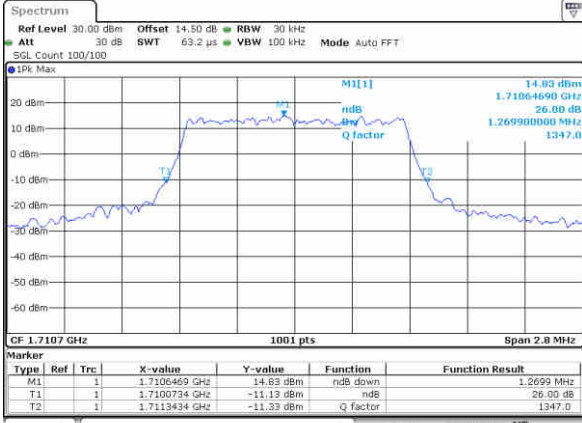


Date: 27_Dec,2017 23:44:23



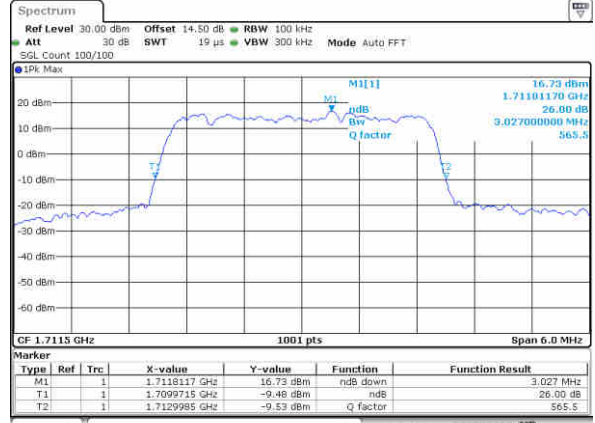
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



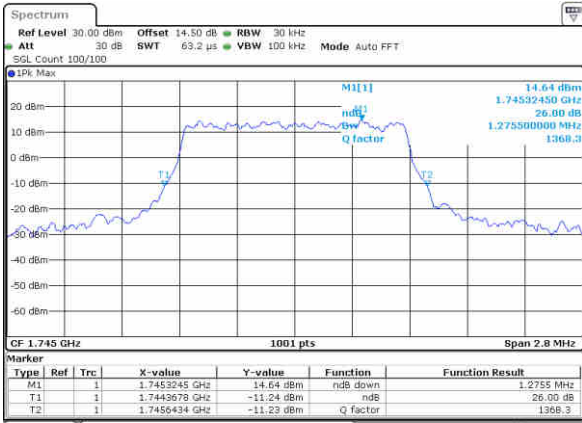
Date: 29_DEC.2017 19:49:24

Lowest Channel / 3MHz / 64QAM



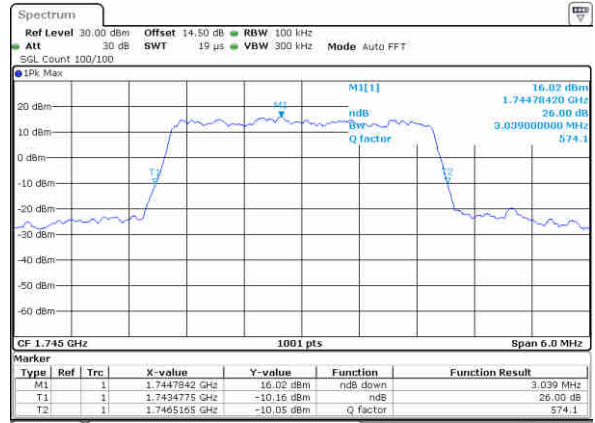
Date: 29_DEC.2017 20:13:58

Middle Channel / 1.4MHz / 64QAM



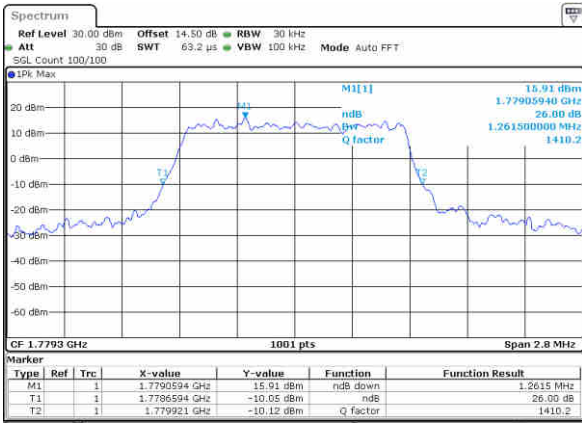
Date: 29_DEC.2017 20:04:49

Middle Channel / 3MHz / 64QAM



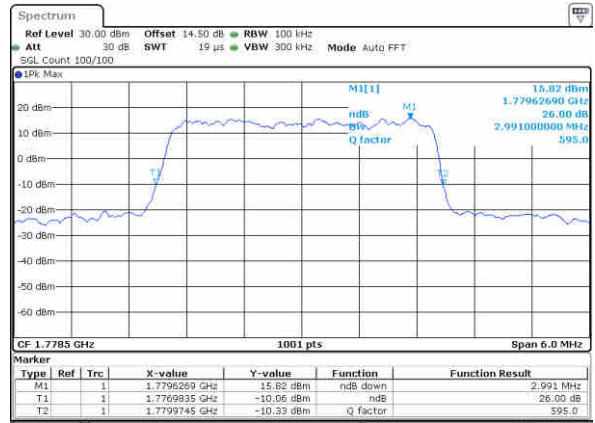
Date: 29_DEC.2017 20:10:05

Highest Channel / 1.4MHz / 64QAM



Date: 29_DEC.2017 20:08:04

Highest Channel / 3MHz / 64QAM

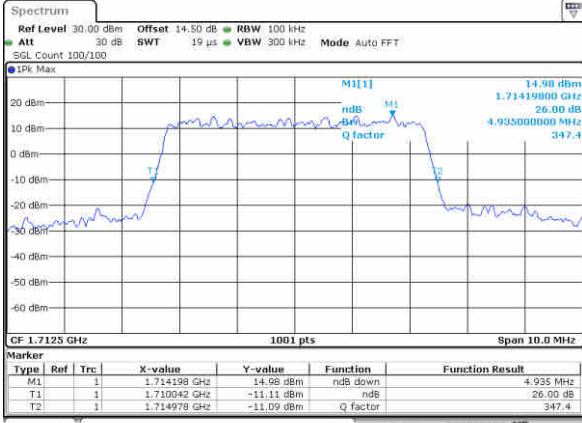


Date: 29_DEC.2017 20:19:09



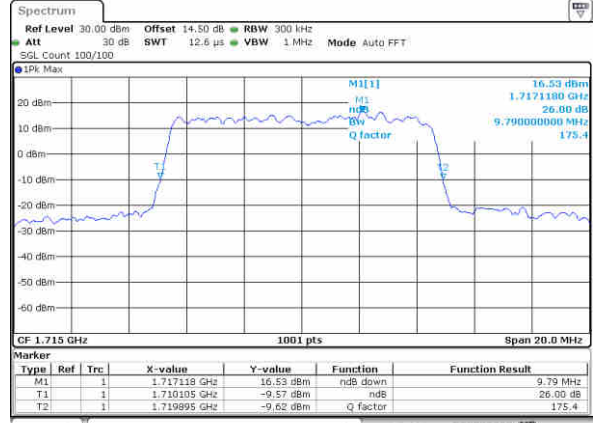
LTE Band 66

Lowest Channel / 5MHz / 64QAM



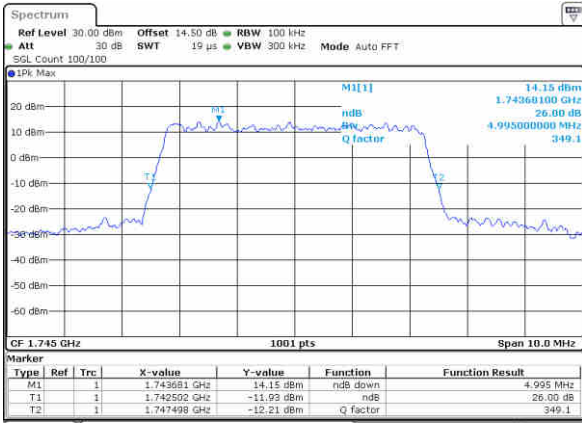
Date: 29_DEC.2017 20:26:16

Lowest Channel / 10MHz / 64QAM



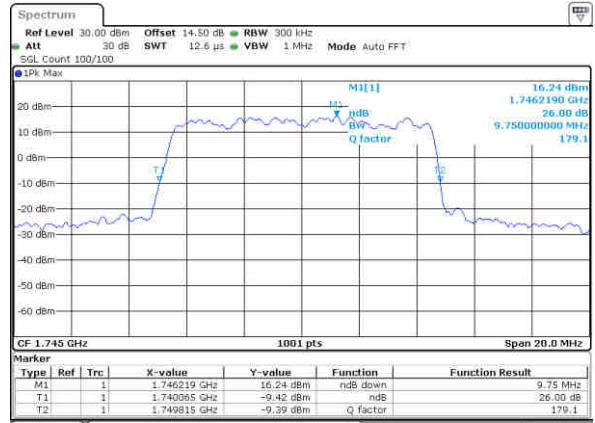
Date: 29_DEC.2017 20:44:04

Middle Channel / 5MHz / 64QAM



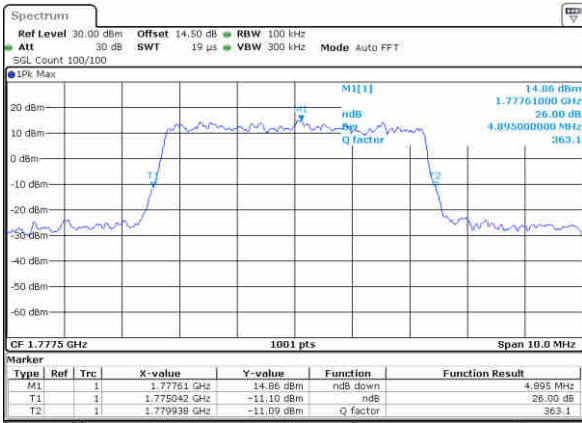
Date: 29_DEC.2017 20:29:58

Middle Channel / 10MHz / 64QAM



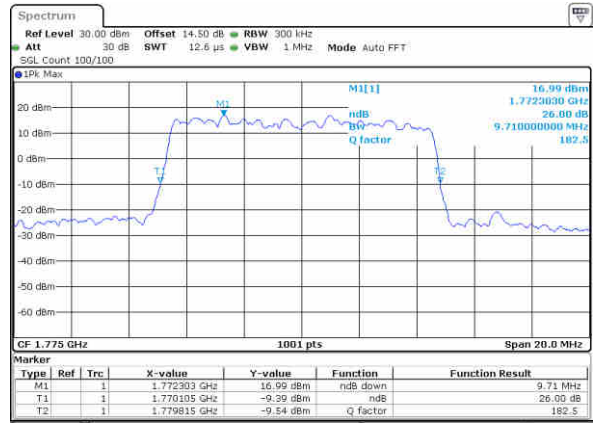
Date: 29_DEC.2017 20:48:07

Highest Channel / 5MHz / 64QAM



Date: 29_DEC.2017 20:30:22

Highest Channel / 10MHz / 64QAM

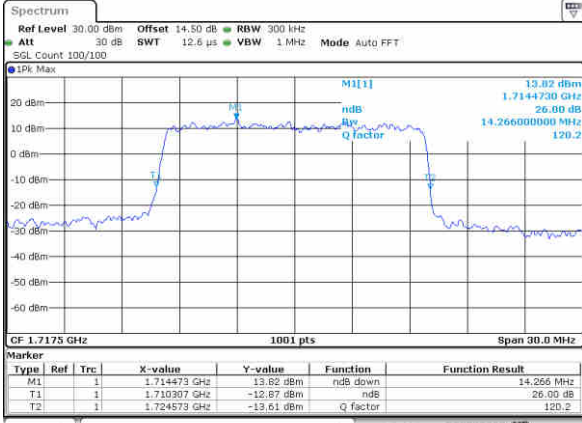


Date: 29_DEC.2017 20:49:32



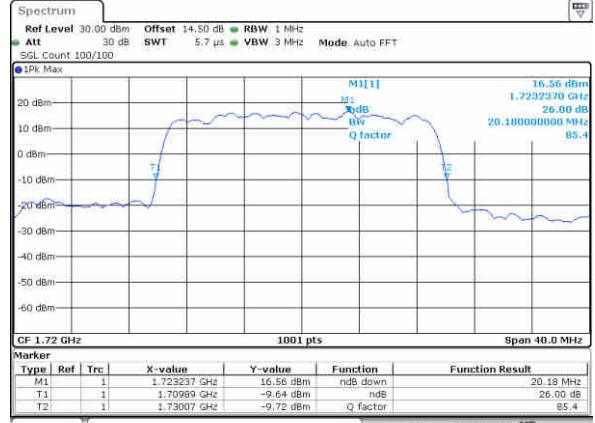
LTE Band 66

Lowest Channel / 15MHz / 64QAM



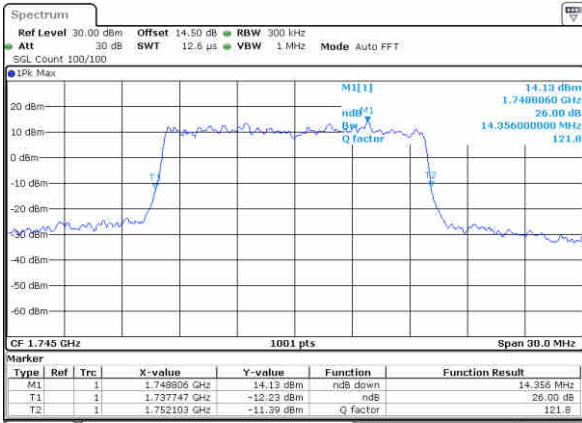
Date: 29_DEC.2017 21:02:13

Lowest Channel / 20MHz / 64QAM



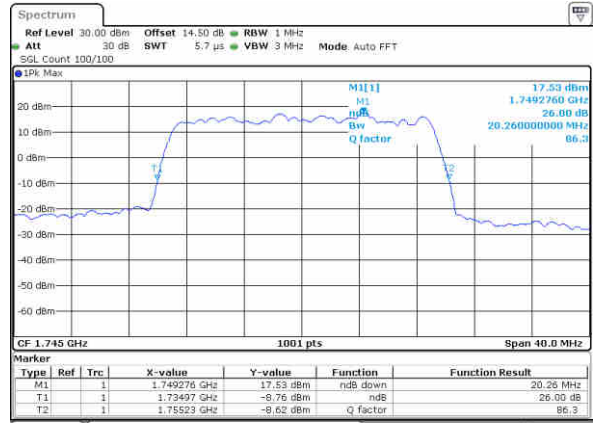
Date: 29_DEC.2017 21:15:34

Middle Channel / 15MHz / 64QAM



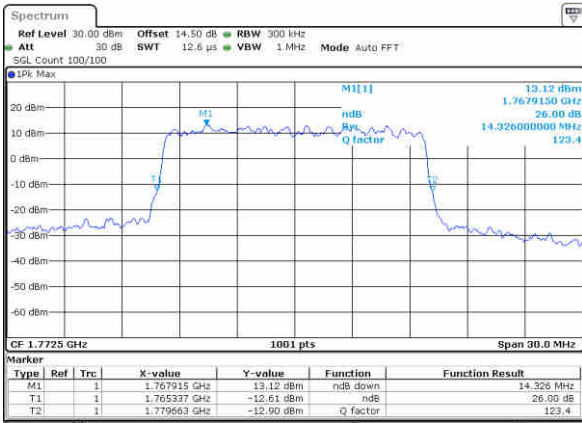
Date: 29_DEC.2017 21:05:54

Middle Channel / 20MHz / 64QAM



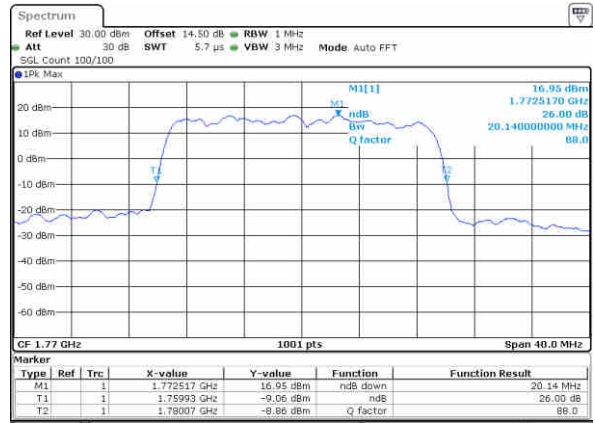
Date: 29_DEC.2017 21:22:19

Highest Channel / 15MHz / 64QAM



Date: 29_DEC.2017 21:08:47

Highest Channel / 20MHz / 64QAM



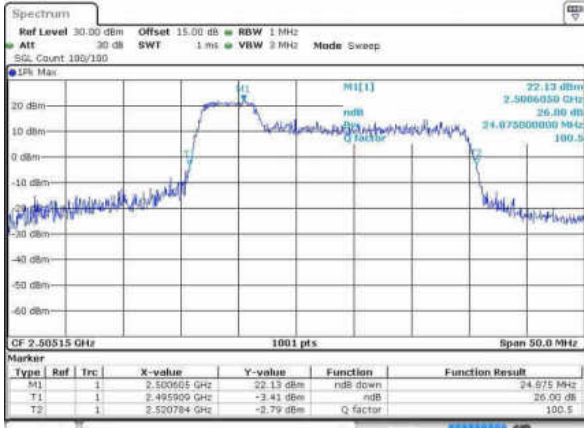
Date: 29_DEC.2017 21:23:29



Band 41 CA

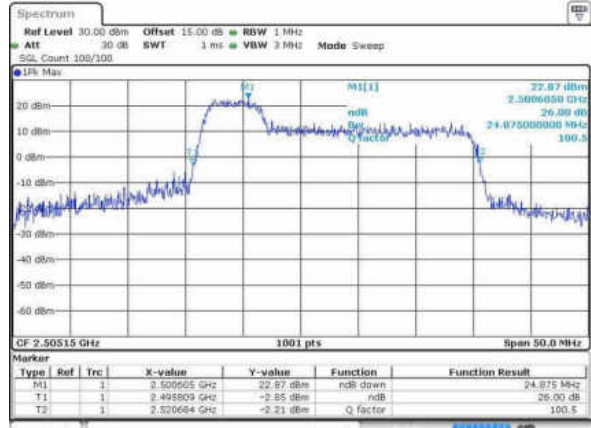
LTE Band 41

Lowest Channel / 5MHz+20MHz/QPSK



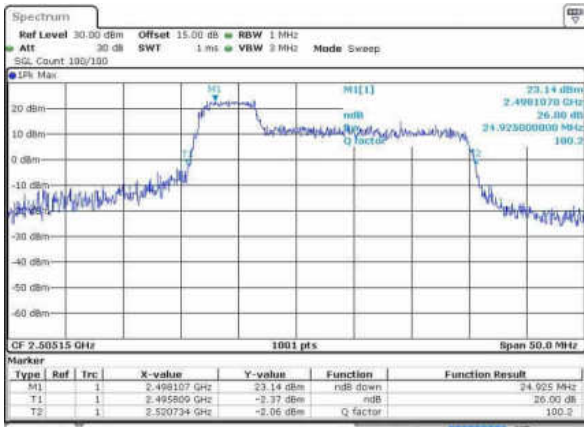
Date: 3 JAN 2018 09:35:49

Lowest Channel / 5MHz+20MHz /16QAM



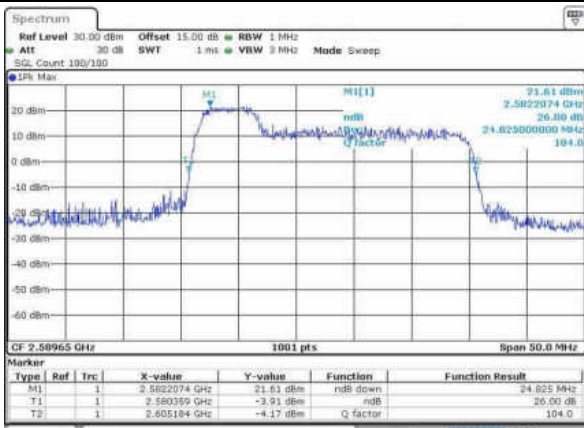
Date: 3 JAN 2018 09:35:12

Lowest Channel / 5MHz+20MHz/64QAM



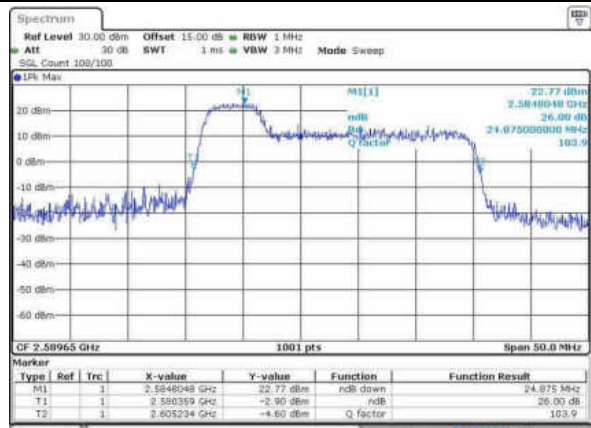
Date: 3 JAN 2018 09:34:52

Middle Channel / 5MHz+20MHz/QPSK



Date: 3 JAN 2018 15:42:41

Middle Channel / 5MHz+20MHz/16QAM

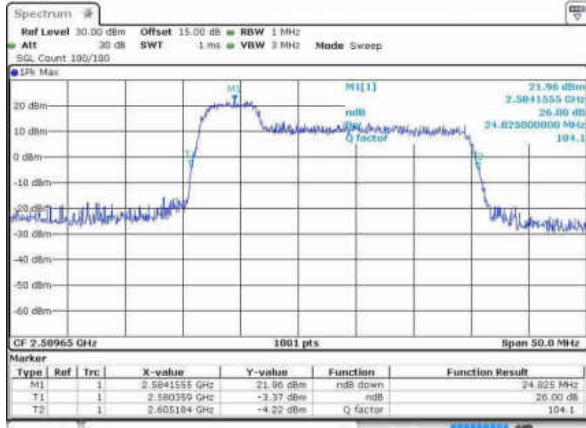


Date: 3 JAN 2018 15:42:23



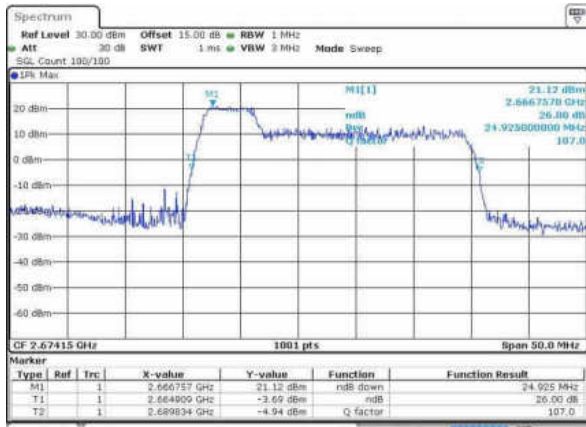
LTE Band 41

Middle Channel / 5MHz+20MHz/64QAM



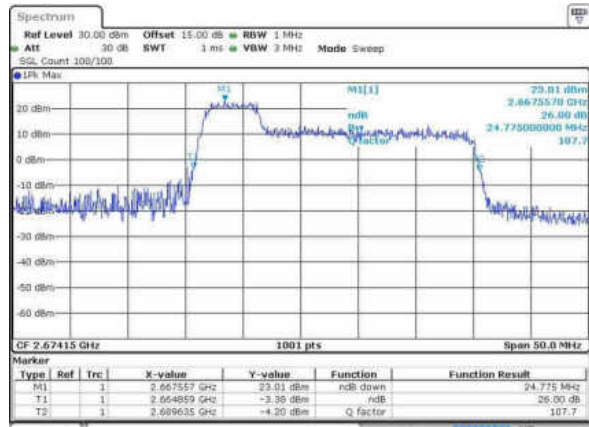
Date: 3 JAN 2018 15:41:53

Highest Channel / 5MHz+20MHz/QPSK



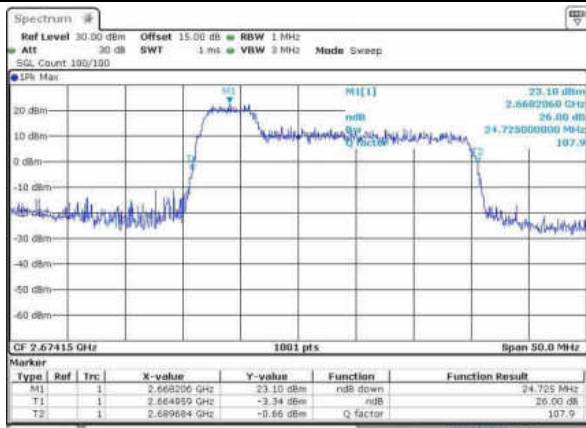
Date: 3 JAN 2018 10:25:36

Highest Channel / 5MHz+20MHz/16QAM



Date: 3 JAN 2018 10:25:15

Highest Channel / 5MHz+20MHz/64QAM

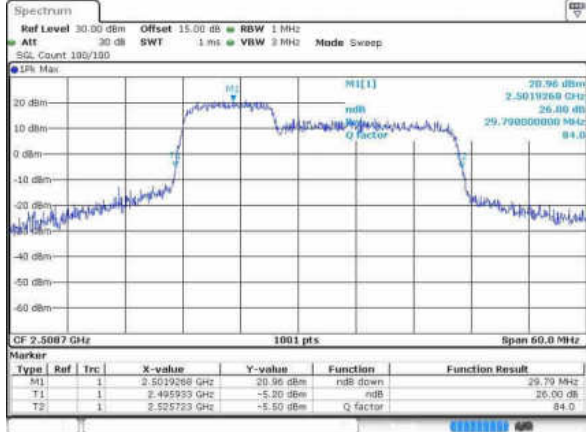


Date: 3 JAN 2018 10:24:51



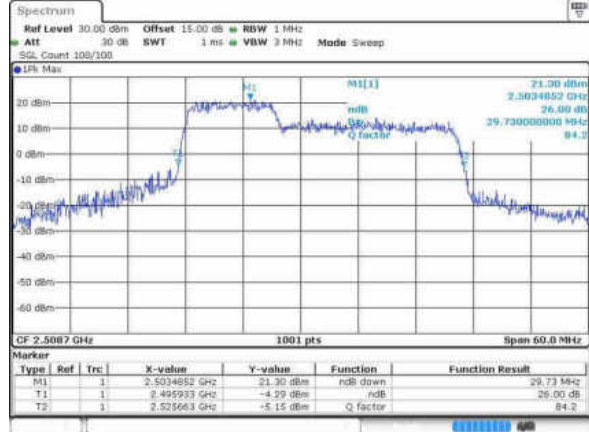
LTE Band 41

Lowest Channel / 10MHz+20MHz/QPSK



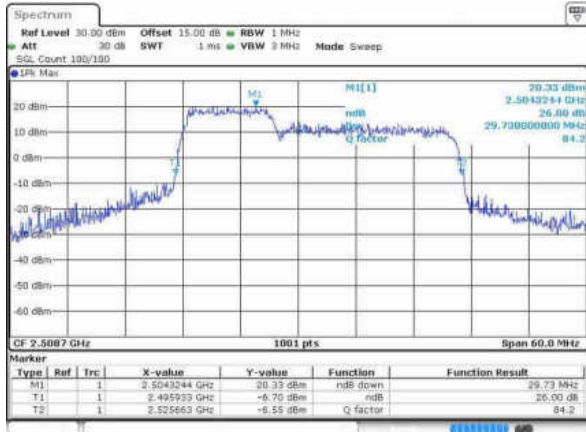
Date: 3 JAN 2018 15:53:48

Lowest Channel / 10MHz+20MHz /16QAM



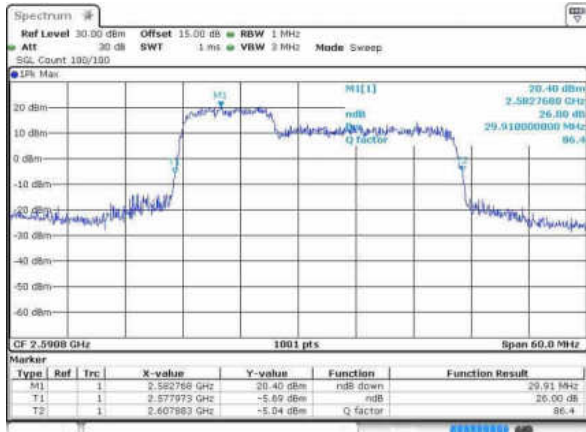
Date: 3 JAN 2018 15:53:24

Lowest Channel / 10MHz+20MHz/64QAM



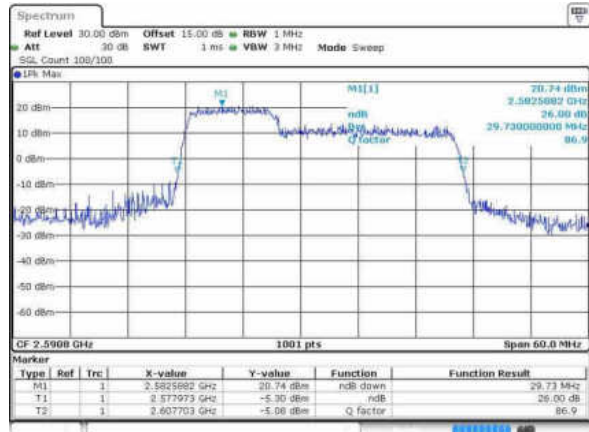
Date: 3 JAN 2018 15:53:06

Middle Channel / 10MHz+20MHz/QPSK



Date: 3 JAN 2018 15:57:17

Middle Channel / 10MHz+20MHz/16QAM

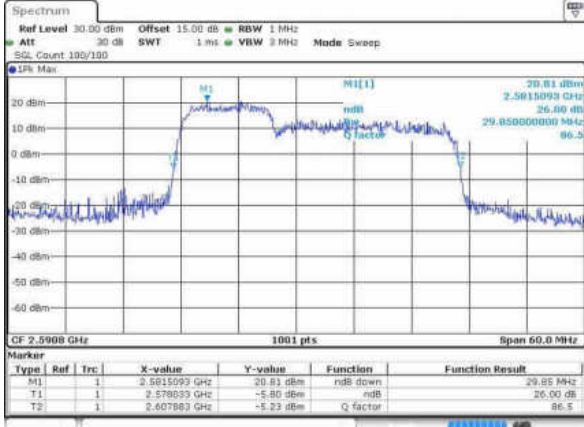


Date: 3 JAN 2018 15:57:35



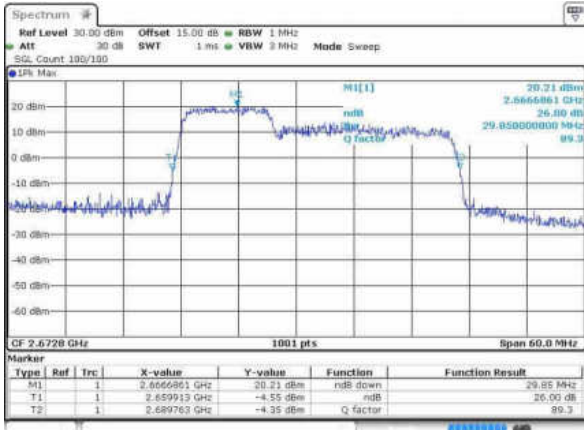
LTE Band 41

Middle Channel / 10MHz+20MHz/64QAM



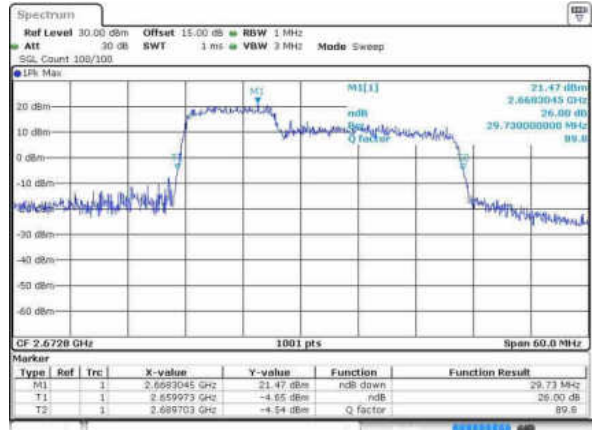
Date: 3 JAN 2018 15:57:58

Highest Channel / 10MHz+20MHz/QPSK



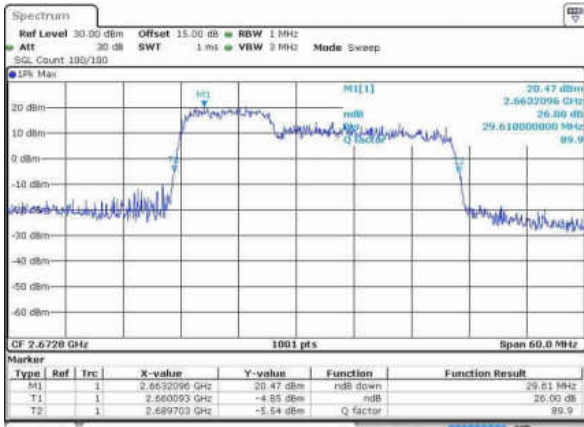
Date: 3 JAN 2018 16:11:01

Highest Channel / 10MHz+20MHz/16QAM



Date: 3 JAN 2018 16:11:23

Highest Channel / 10MHz+20MHz/64QAM

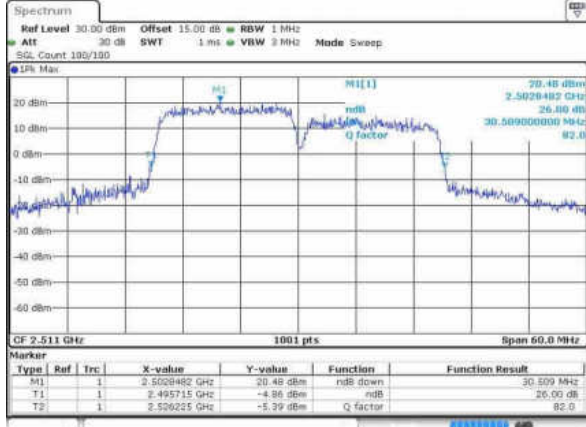


Date: 3 JAN 2018 16:11:40



LTE Band 41

Lowest Channel / 15MHz+15MHz/QPSK



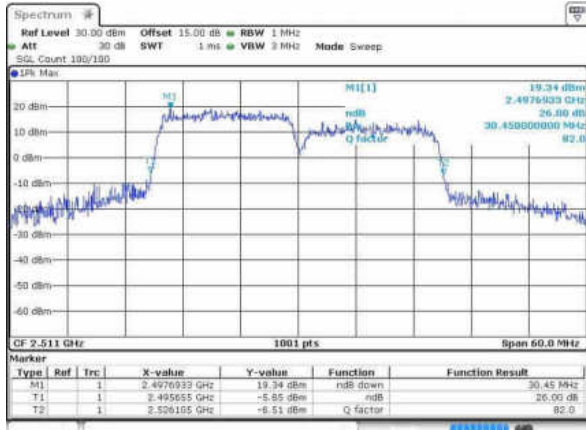
Date: 3 JAN 2018 20:34:14

Lowest Channel / 15MHz+15MHz/16QAM



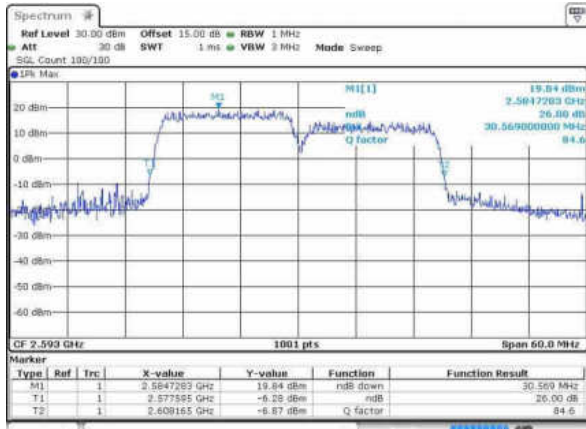
Date: 3 JAN 2018 20:33:42

Lowest Channel / 15MHz+15MHz /64QAM



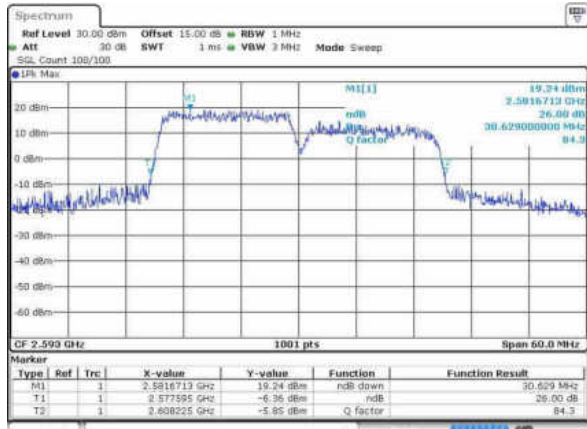
Date: 3 JAN 2018 20:33:16

Middle Channel / 15MHz+15MHz /QPSK



Date: 3 JAN 2018 20:39:54

Middle Channel / 15MHz+15MHz /16QAM

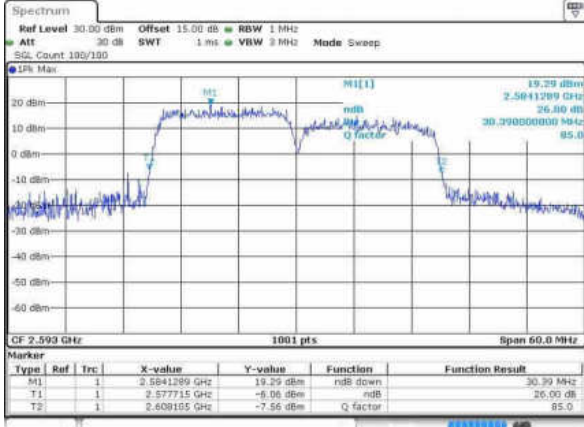


Date: 3 JAN 2018 20:41:22



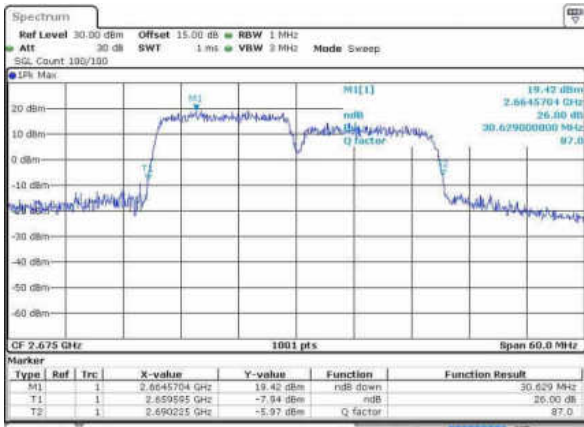
LTE Band 41

Middle Channel / 15MHz+15MHz /64QAM



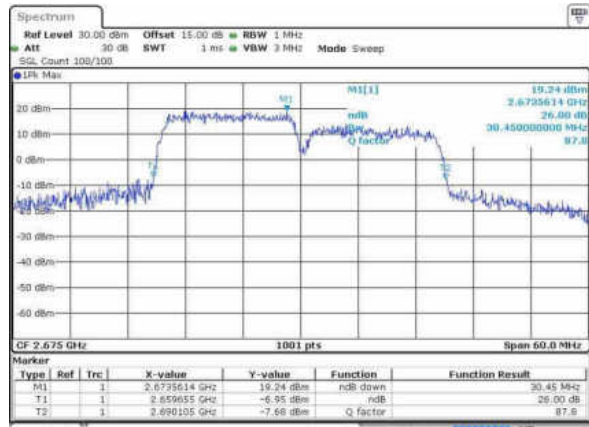
Date: 3 JAN 2018 20:42:31

Highest Channel / 15MHz+15MHz /QPSK



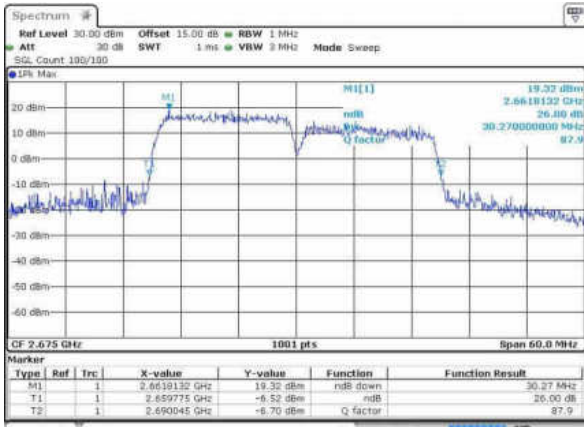
Date: 3 JAN 2018 20:52:15

Highest Channel / 15MHz+15MHz /16QAM



Date: 3 JAN 2018 20:51:35

Highest Channel / 15MHz+15MHz /64QAM

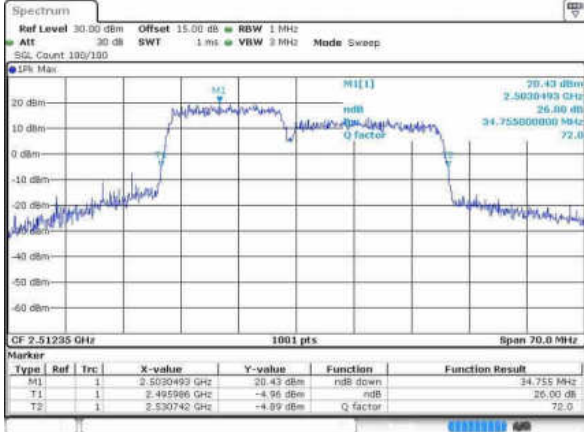


Date: 3 JAN 2018 20:51:11



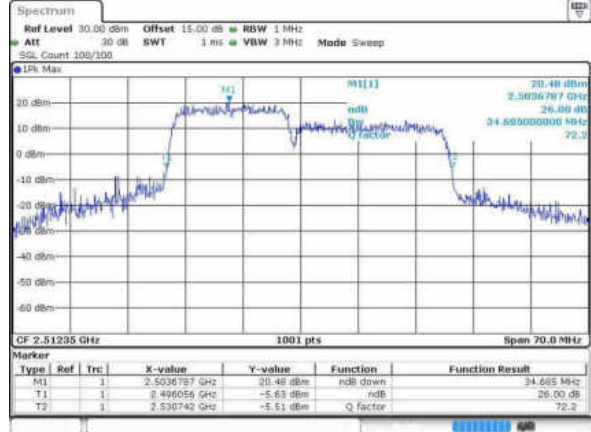
LTE Band 41

Lowest Channel / 15MHz+20MHz/QPSK



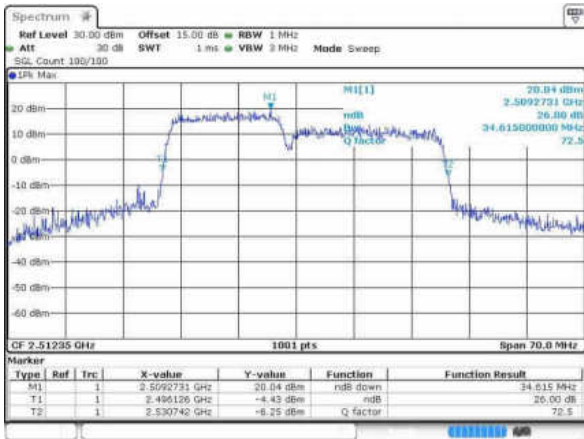
Date: 3 JAN 2018 16:16:05

Lowest Channel / 15MHz+20MHz /16QAM



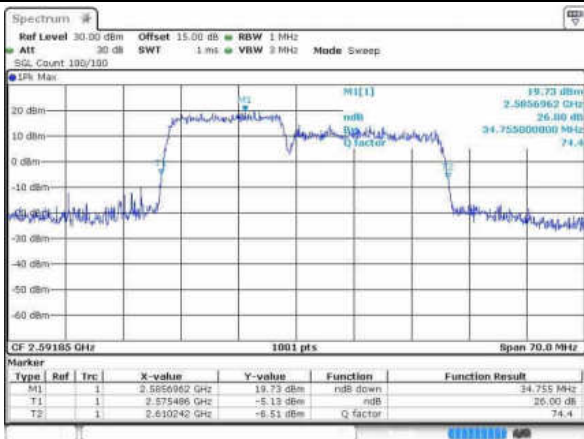
Date: 3 JAN 2018 16:15:33

Lowest Channel / 15MHz+20MHz /64QAM



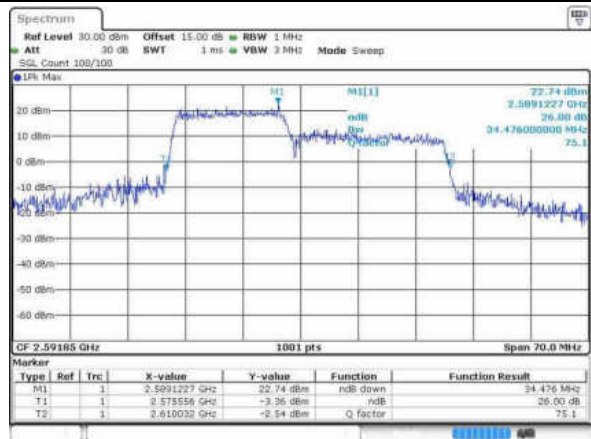
Date: 3 JAN 2018 16:15:06

Middle Channel / 15MHz+20MHz /QPSK



Date: 3 JAN 2018 16:28:05

Middle Channel / 15MHz+20MHz /16QAM

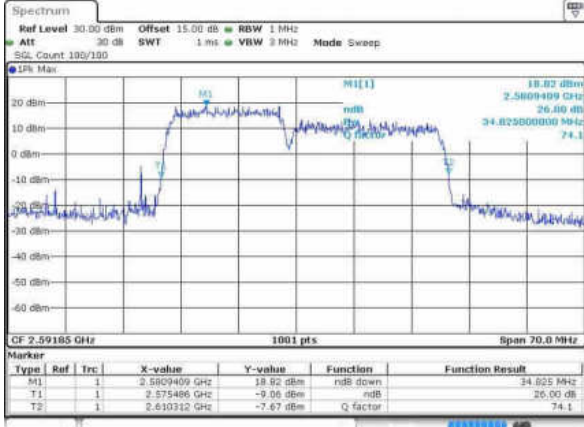


Date: 3 JAN 2018 16:38:22



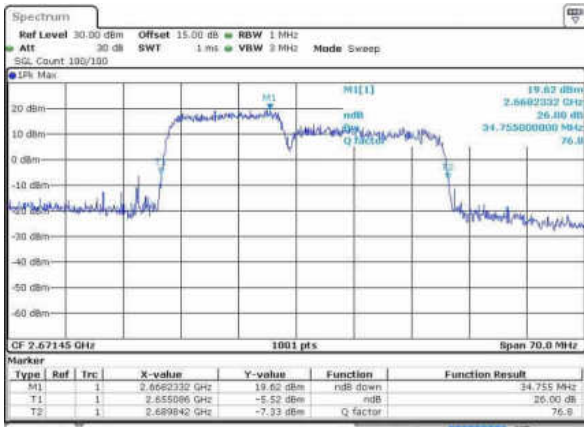
LTE Band 41

Middle Channel / 15MHz+20MHz /64QAM



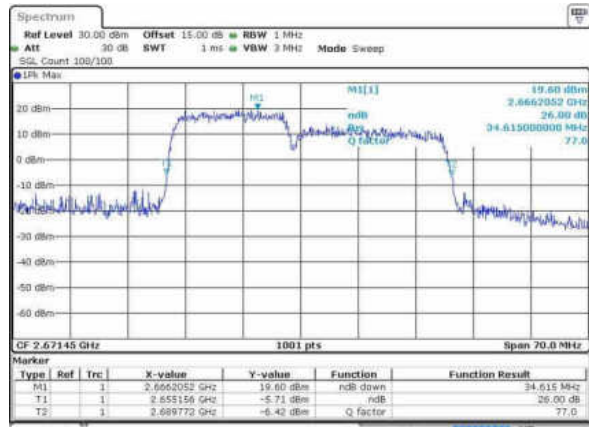
Date: 3 JAN 2018 16:28:44

Highest Channel / 15MHz+20MHz /QPSK



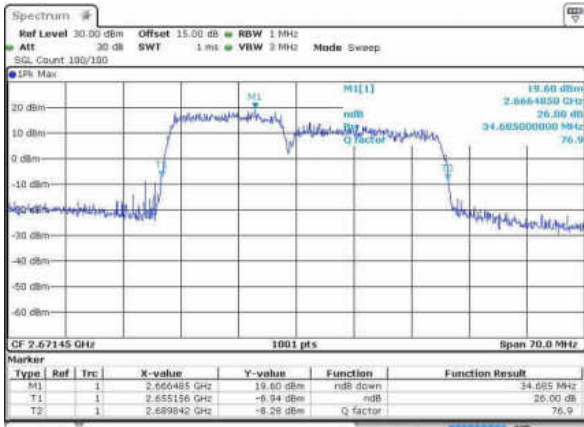
Date: 3 JAN 2018 16:30:48

Highest Channel / 15MHz+20MHz /16QAM



Date: 3 JAN 2018 16:30:29

Highest Channel / 15MHz+20MHz /64QAM

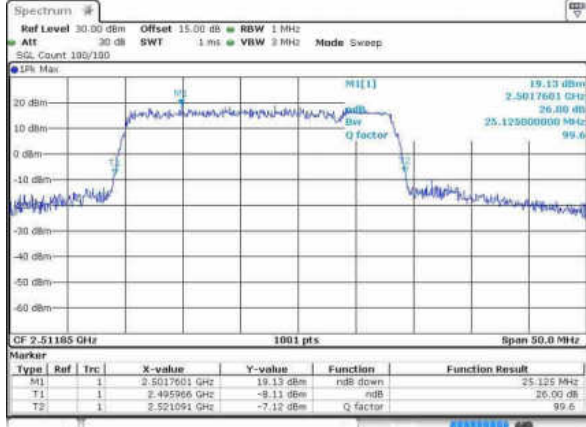


Date: 3 JAN 2018 16:30:08



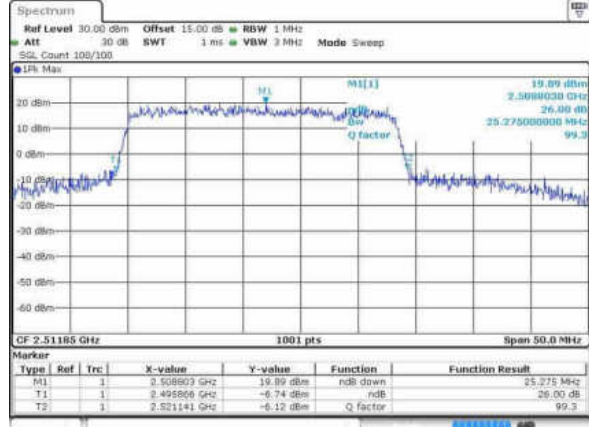
LTE Band 41

Lowest Channel / 20MHz+5MHz/QPSK



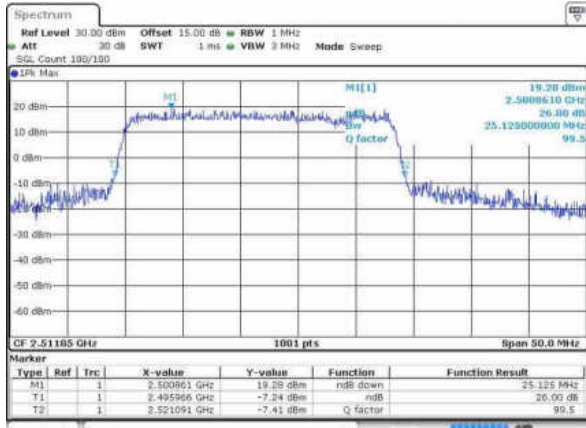
Date: 3 JAN 2018 19:15:22

Lowest Channel / 20MHz+5MHz /16QAM



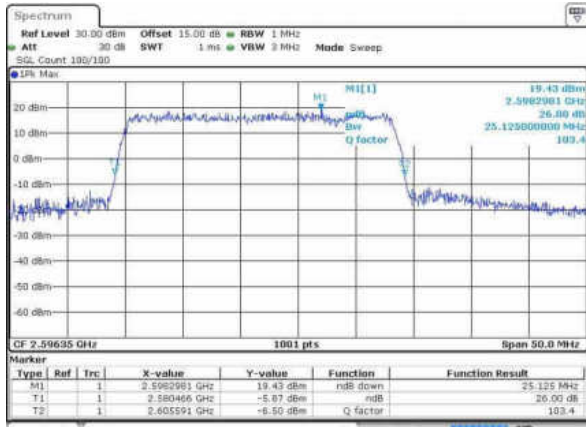
Date: 3 JAN 2018 19:16:04

Lowest Channel / 20MHz+5MHz /64QAM



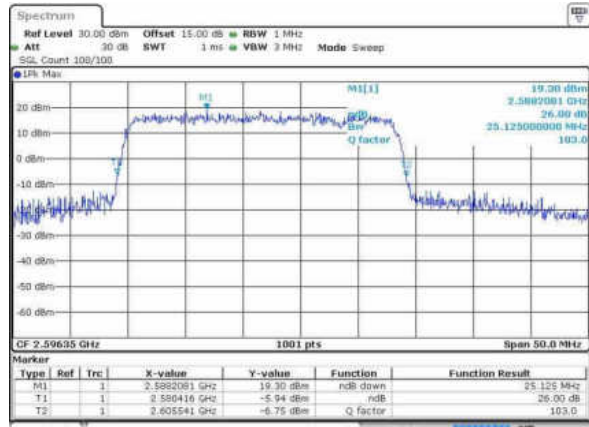
Date: 3 JAN 2018 19:16:32

Middle Channel / 20MHz+5MHz /QPSK



Date: 3 JAN 2018 19:44:34

Middle Channel / 20MHz+5MHz /16QAM

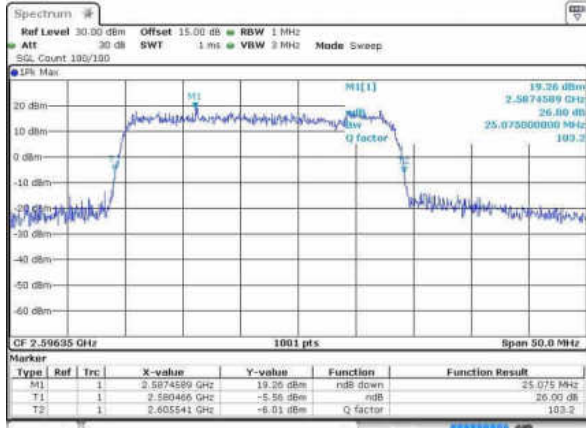


Date: 3 JAN 2018 19:38:50



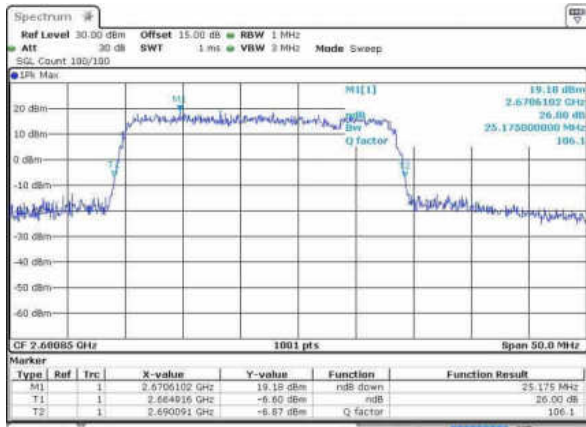
LTE Band 41

Middle Channel / 20MHz+5MHz /64QAM



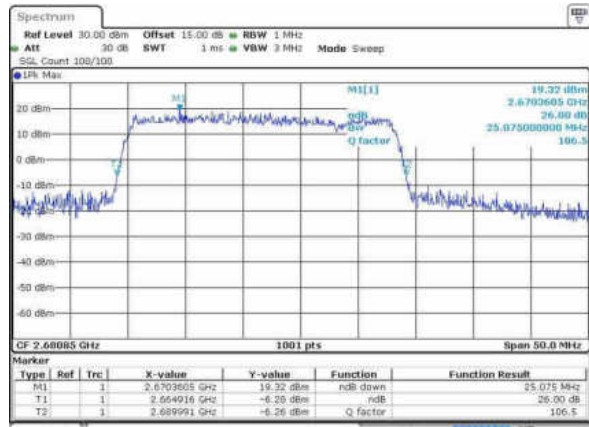
Date: 3 JAN 2018 19:36:06

Highest Channel / 20MHz+5MHz /QPSK



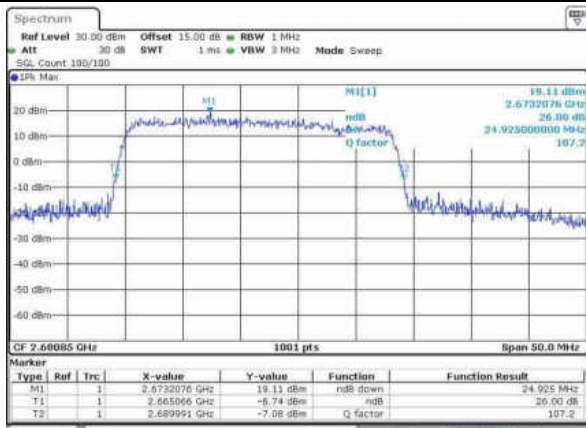
Date: 3 JAN 2018 19:52:15

Highest Channel / 20MHz+5MHz /16QAM



Date: 3 JAN 2018 19:52:53

Highest Channel / 20MHz+5MHz /64QAM

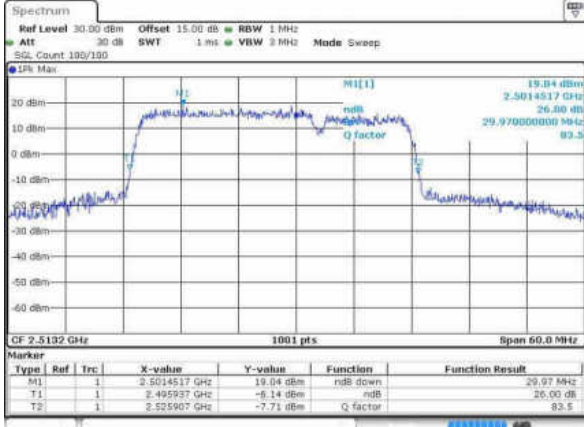


Date: 3 JAN 2018 19:53:51



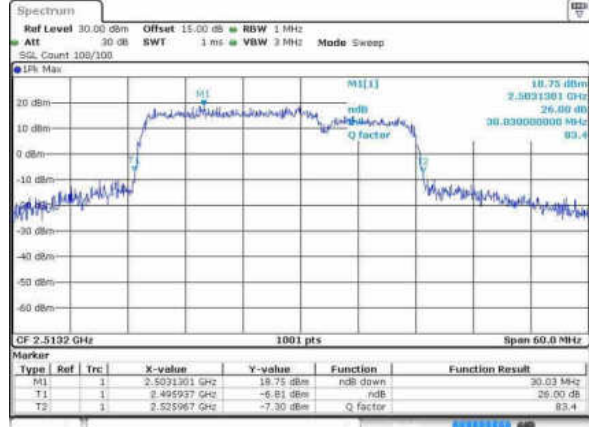
LTE Band 41

Lowest Channel / 20MHz+10MHz/QPSK



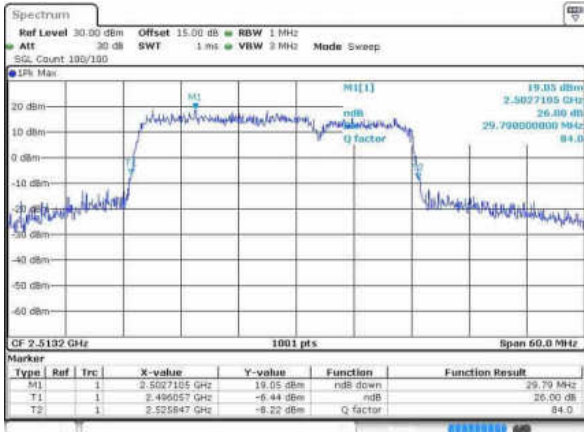
Date: 3 JAN 2018 16:27:31

Lowest Channel / 20MHz+10MHz /16QAM



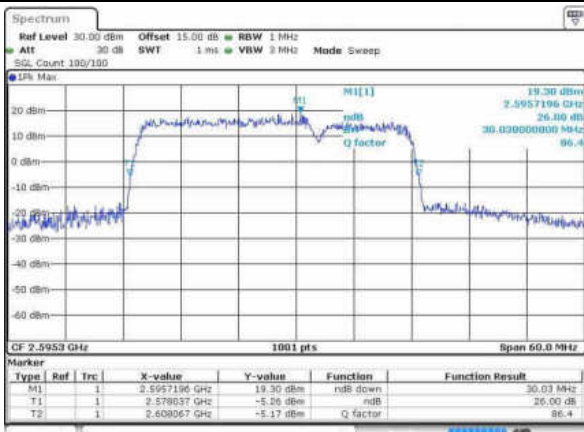
Date: 3 JAN 2018 16:28:14

Lowest Channel / 20MHz+10MHz /64QAM



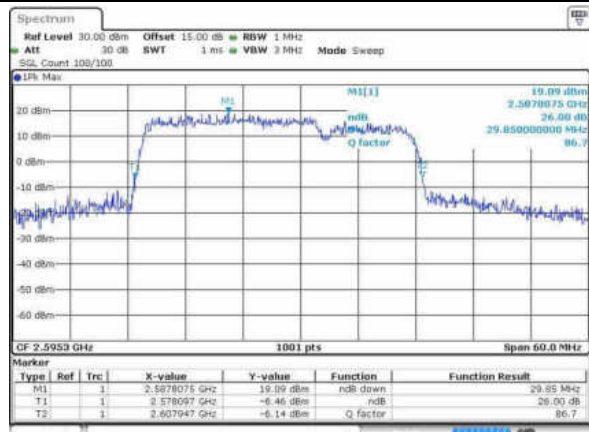
Date: 3 JAN 2018 16:29:00

Middle Channel / 20MHz+10MHz /QPSK



Date: 3 JAN 2018 16:41:02

Middle Channel / 20MHz+10MHz /16QAM

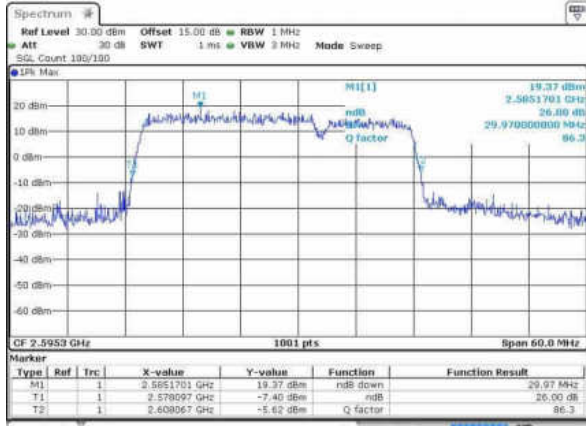


Date: 3 JAN 2018 16:40:27



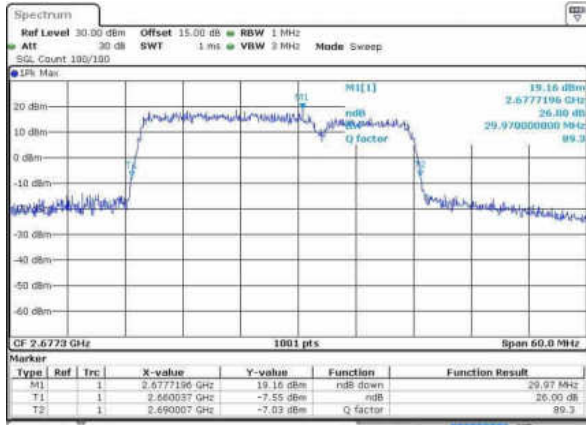
LTE Band 41

Middle Channel / 20MHz+10MHz /64QAM



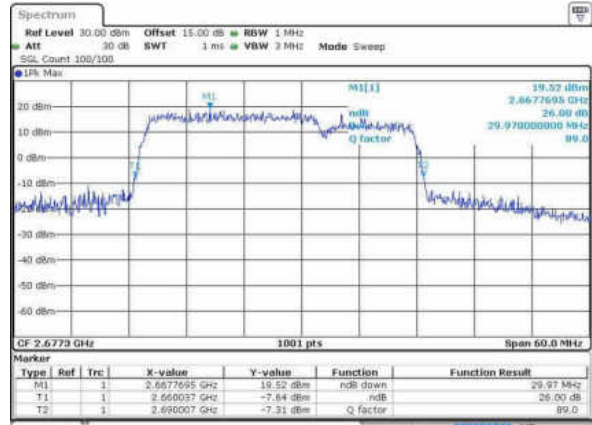
Date: 3 JAN 2018 18:39:59

Highest Channel / 20MHz+10MHz /QPSK



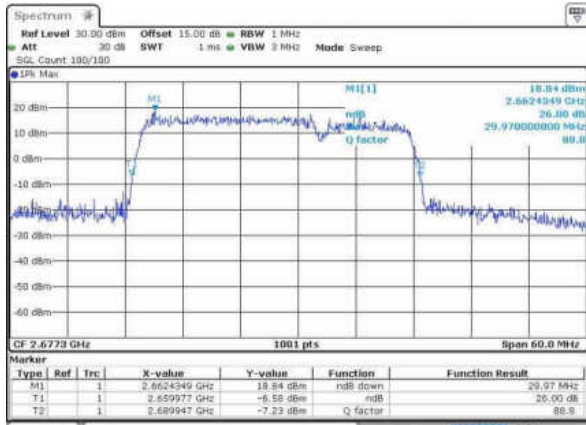
Date: 3 JAN 2018 19:00:25

Highest Channel / 20MHz+10MHz /16QAM



Date: 3 JAN 2018 19:58:57

Highest Channel / 20MHz+10MHz /64QAM

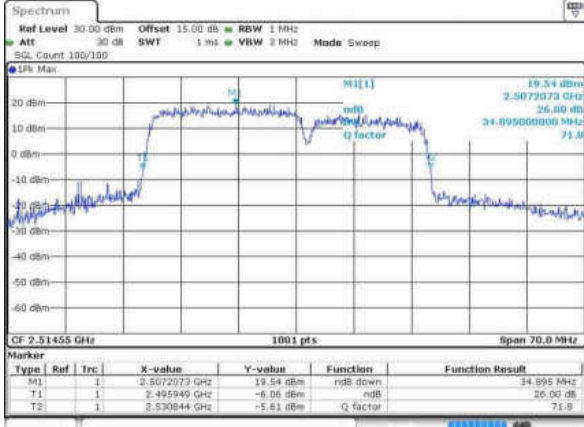


Date: 3 JAN 2018 18:59:21



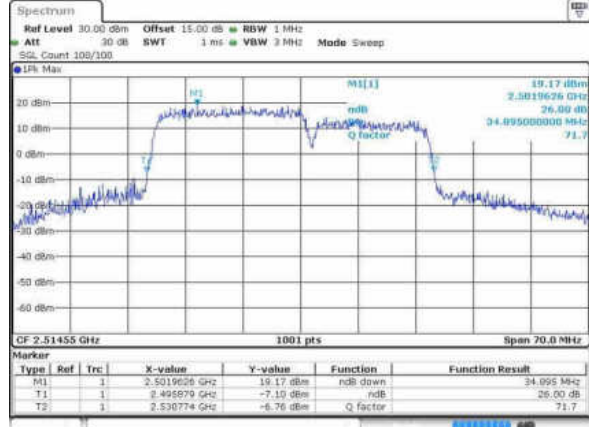
LTE Band 41

Lowest Channel / 20MHz+15MHz/QPSK



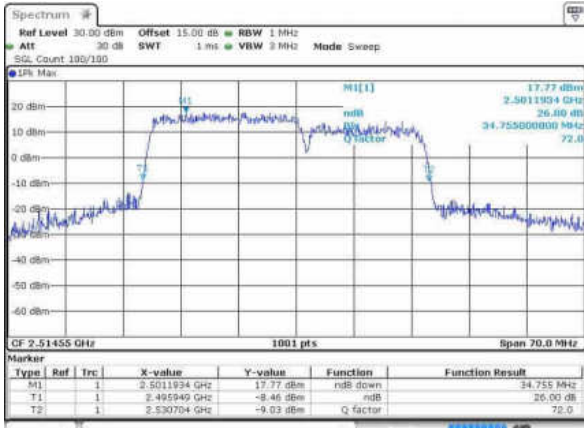
Date: 3 JAN 2018 17:27:13

Lowest Channel / 20MHz+15MHz /16QAM



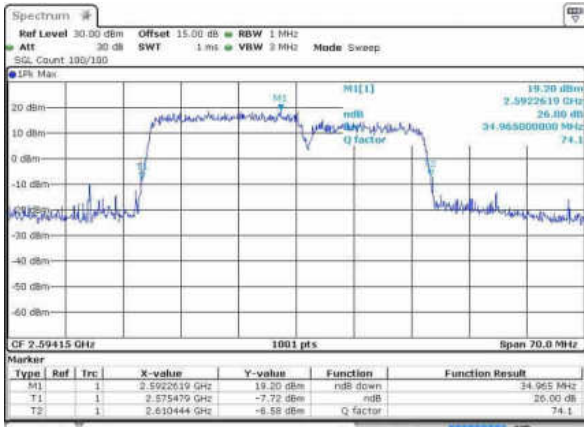
Date: 3 JAN 2018 17:28:55

Lowest Channel / 20MHz+15MHz /64QAM



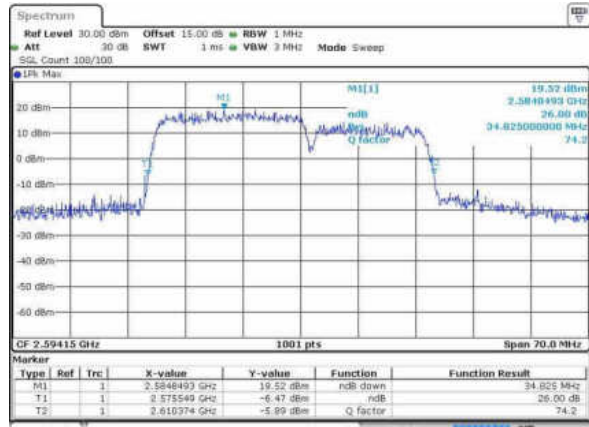
Date: 3 JAN 2018 17:28:37

Middle Channel / 20MHz+15MHz /QPSK



Date: 3 JAN 2018 17:33:11

Middle Channel / 20MHz+15MHz /16QAM

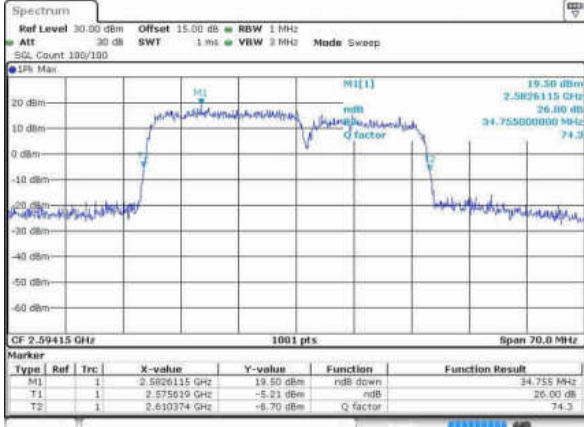


Date: 3 JAN 2018 17:33:40



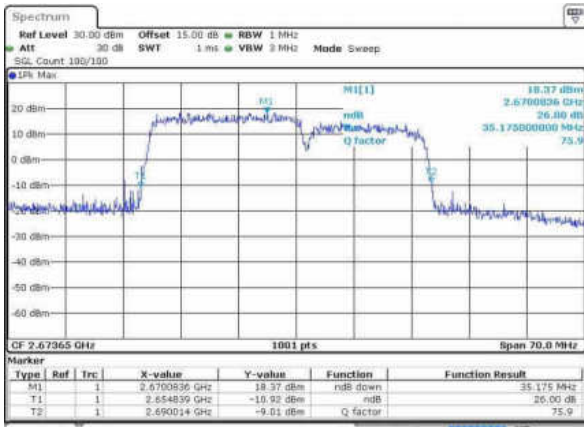
LTE Band 41

Middle Channel / 20MHz+15MHz /64QAM



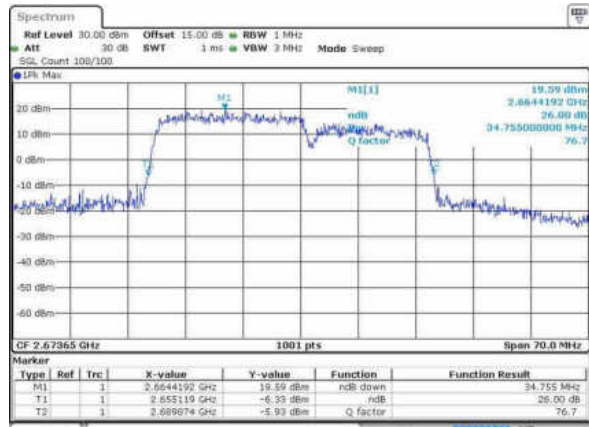
Date: 3 JAN 2018 17:34:30

Highest Channel / 20MHz+15MHz /QPSK



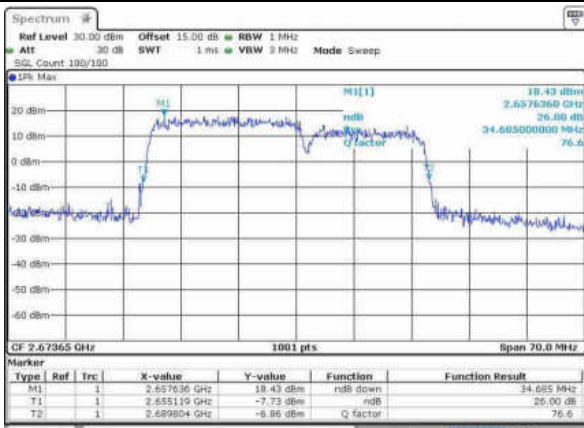
Date: 3 JAN 2018 17:37:27

Highest Channel / 20MHz+15MHz /16QAM



Date: 3 JAN 2018 17:37:01

Highest Channel / 20MHz+15MHz /64QAM

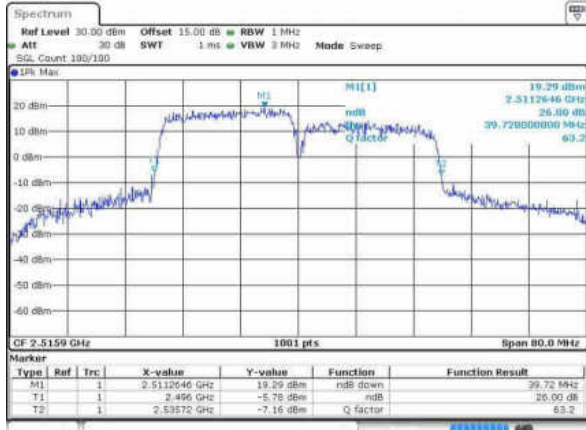


Date: 3 JAN 2018 17:36:38



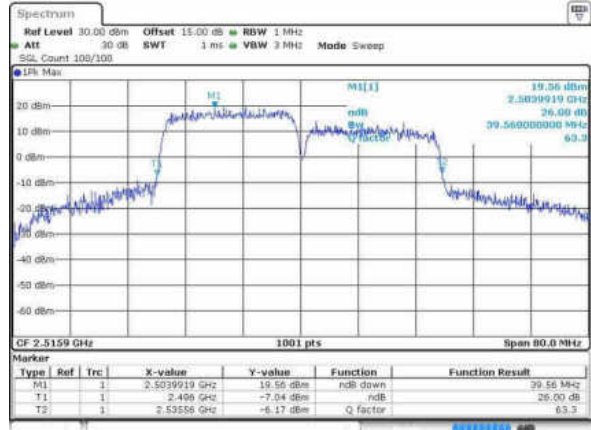
LTE Band 41

Lowest Channel / 20MHz+20MHz/QPSK



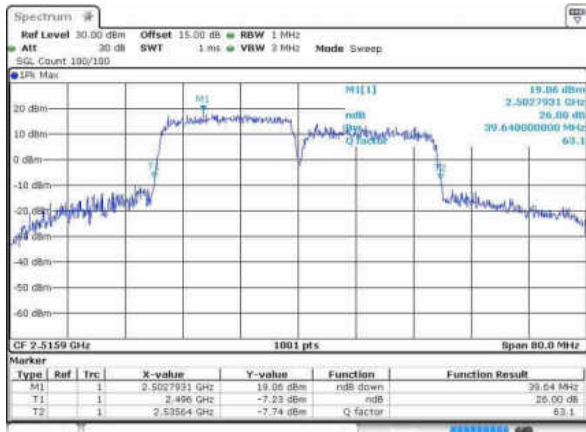
Date: 3 JAN 2018 16:40:39

Lowest Channel / 20MHz+20MHz /16QAM



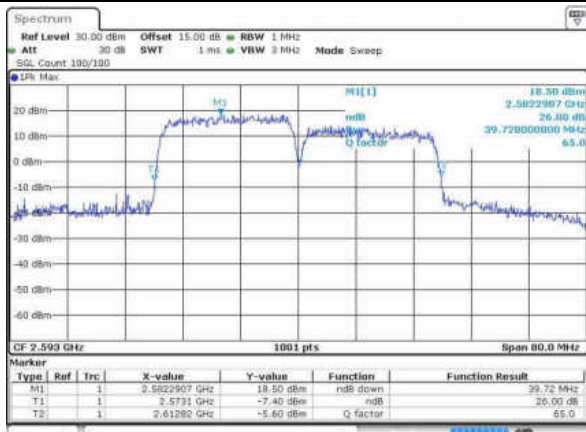
Date: 3 JAN 2018 16:38:41

Lowest Channel / 20MHz+20MHz /64QAM



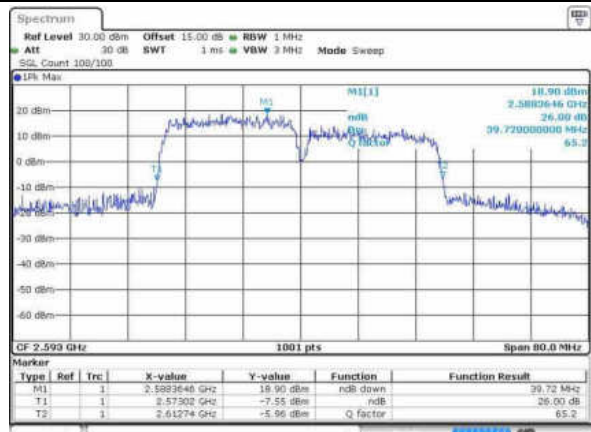
Date: 3 JAN 2018 16:38:24

Middle Channel / 20MHz+20MHz /QPSK



Date: 3 JAN 2018 16:51:47

Middle Channel / 20MHz+20MHz /16QAM

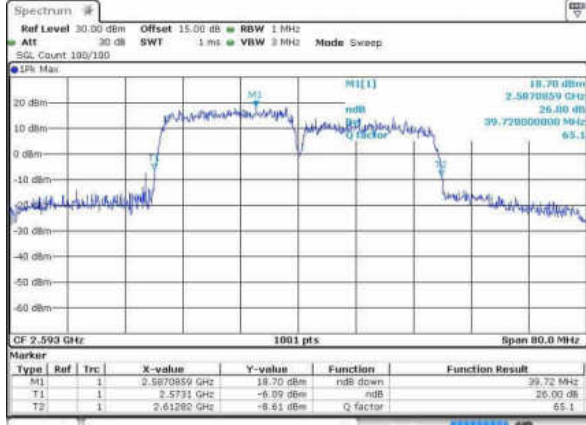


Date: 3 JAN 2018 16:51:16



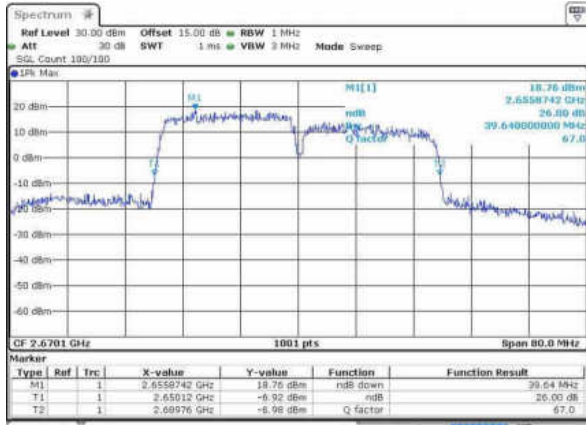
LTE Band 41

Middle Channel / 20MHz+20MHz /64QAM



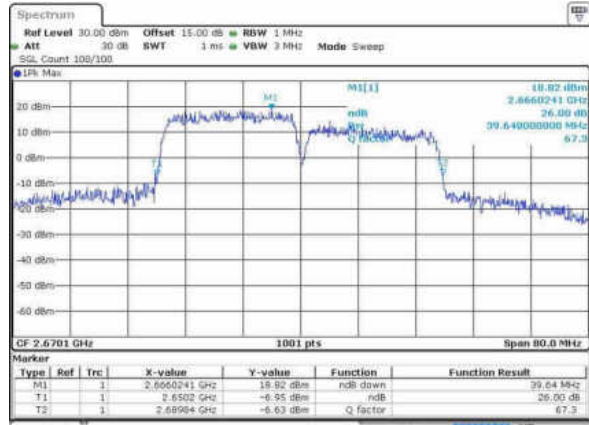
Date: 3 JAN 2018 16:50:52

Highest Channel / 20MHz+20MHz /QPSK



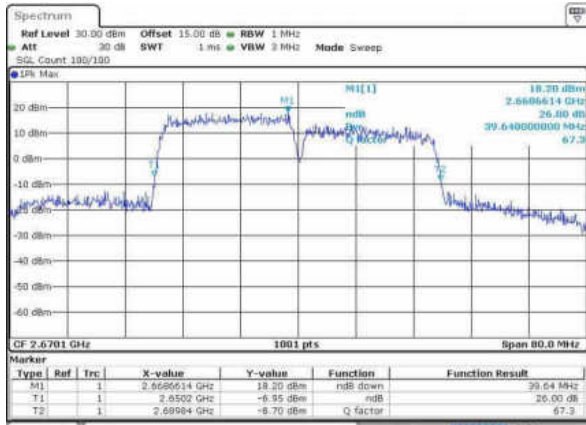
Date: 3 JAN 2018 16:54:26

Highest Channel / 20MHz+20MHz /16QAM



Date: 3 JAN 2018 16:54:45

Highest Channel / 20MHz+20MHz /64QAM



Date: 3 JAN 2018 16:55:03



Occupied Bandwidth

Mode	LTE Band 2 : 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	1.10	2.71	2.73	4.49	4.50	9.05	9.03	13.43	13.46	18.22	18.42
Middle CH	1.09	1.09	2.71	2.73	4.49	4.50	9.01	8.97	13.46	13.49	18.62	18.30
Highest CH	1.10	1.10	2.72	2.73	4.49	4.49	9.05	9.01	13.43	13.46	18.38	18.34
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.50	9.05	13.43	18.42						
Middle CH	1.09	2.73	4.51	8.99	13.46	18.38						
Highest CH	1.09	2.73	4.49	9.01	13.43	18.34						

Mode	LTE Band 4 : 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	2.71	2.72	4.49	4.51	9.05	8.95	13.40	13.46	18.30	18.30
Middle CH	1.10	1.10	2.72	2.72	4.49	4.49	9.11	8.99	13.43	13.46	18.50	18.34
Highest CH	1.09	1.09	2.71	2.73	4.50	4.50	9.05	9.07	13.46	13.43	18.26	18.26
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.10	2.73	4.48	9.05	13.34	18.26						
Middle CH	1.09	2.72	4.50	9.03	13.40	18.42						
Highest CH	1.09	2.73	4.50	9.07	13.43	18.34						

Mode	LTE Band 5 : 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	2.72	4.50	4.49	9.03	8.99	-	-	-	-
Middle CH	1.09	1.09	2.72	2.70	4.51	4.48	9.07	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.75	4.49	4.49	9.03	8.99	-	-	-	-
BW	1.4MHz	3MHz	5MHz	10MHz								
Mod.	64QAM	64QAM	64QAM	64QAM								
Lowest CH	1.09	2.72	4.52	9.09								
Middle CH	1.10	2.72	4.51	9.07								
Highest CH	1.09	2.72	4.49	9.01								



Mode	LTE Band 7 : 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	-	-	-	-	4.49	4.53	9.11	9.01	13.43	13.40	18.34	18.42
Middle CH	-	-	-	-	4.50	4.49	8.97	8.99	13.46	13.46	18.42	18.42
Highest CH	-	-	-	-	4.50	4.51	9.01	9.03	13.52	13.49	18.38	18.38
BW	5MHz	10MHz	15MHz	20MHz								
Mod.	64QAM	64QAM	64QAM	64QAM								
Lowest CH	4.52	9.07	13.43	18.30								
Middle CH	4.50	9.09	13.43	18.42								
Highest CH	4.48	9.05	13.40	18.34								

Mode	LTE Band 12 : 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	1.08	1.09	2.73	2.74	4.51	4.47	9.05	9.03	-	-	-	-
Middle CH	1.10	1.10	2.71	2.72	4.48	4.50	9.01	8.93	-	-	-	-
Highest CH	1.09	1.09	2.71	2.73	4.50	4.51	9.09	8.97	-	-	-	-
BW	1.4MHz	3MHz	5MHz	10MHz								
Mod.	64QAM	64QAM	64QAM	64QAM								
Lowest CH	1.10	2.76	4.48	9.01								
Middle CH	1.09	2.72	4.48	8.97								
Highest CH	1.09	2.73	4.50	9.03								

Mode	LTE Band 13 : 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	-	-	-	-	4.47	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.50	9.03	8.95	-	-	-	-
Highest CH	-	-	-	-	4.50	4.49	-	-	-	-	-	-
BW	5MHz	10MHz										
Mod.	64QAM	64QAM										
Lowest CH	4.46	-										
Middle CH	4.47	9.01										
Highest CH	4.51	-										



Mode	LTE Band 17 : 99%OBW(MHz)										
BW	5MHz		10MHz		5MHz	10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM					
Lowest CH	4.48	4.48	9.01	8.99	4.47	9.03					
Middle CH	4.50	4.48	9.01	8.97	4.50	8.99					
Highest CH	4.50	4.50	9.03	8.97	4.49	9.01					

Mode	LTE Band 25 : 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	1.10	2.72	2.73	4.48	4.49	9.09	8.99	13.43	13.49	18.22	18.26
Middle CH	1.10	1.09	2.72	2.72	4.51	4.47	9.05	9.01	13.43	13.43	18.42	18.38
Highest CH	1.10	1.10	2.71	2.70	4.49	4.50	9.01	8.97	13.40	13.40	18.42	18.34
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.72	4.50	9.05	13.40	18.50						
Middle CH	1.09	2.73	4.50	9.05	13.37	18.34						
Highest CH	1.10	2.72	4.50	9.05	13.46	18.34						

Mode	LTE Band 26 : 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	1.10	1.10	2.72	2.73	4.50	4.47	9.05	8.97	13.43	13.43	-	-
Middle CH	1.09	1.09	2.73	2.71	4.50	4.51	9.05	9.01	13.46	13.46	-	-
Highest CH	1.10	1.09	2.71	2.72	4.48	4.50	9.01	8.97	13.37	13.46	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.72	4.50	9.09	13.49	-						
Middle CH	1.09	2.73	4.49	9.03	13.43	-						
Highest CH	1.09	2.73	4.46	8.97	13.52	-						



Mode	LTE Band 38 : 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	-	-	-	-	4.49	4.48	9.01	9.01	13.40	13.43	18.14	18.26
Middle CH	-	-	-	-	4.47	4.50	8.93	9.07	13.49	13.43	18.38	18.46
Highest CH	-	-	-	-	4.49	4.49	9.01	9.01	13.40	13.40	18.42	18.34
BW	5MHz	10MHz	15MHz	20MHz								
Mod.	64QAM	64QAM	64QAM	64QAM								
Lowest CH	4.49	8.97	13.43	18.26								
Middle CH	4.49	8.99	13.46	18.34								
Highest CH	4.47	8.97	13.43	18.30								

Mode	LTE Band 41 : 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	-	-	-	-	4.49	4.50	9.01	9.03	13.40	13.43	18.30	18.22
Middle CH	-	-	-	-	4.50	4.52	9.01	8.97	13.46	13.43	18.30	18.38
Highest CH	-	-	-	-	4.47	4.51	9.01	9.03	13.46	13.46	18.22	18.38
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH			4.47	8.99	13.43	18.54						
Middle CH			4.49	8.99	13.43	18.46						
Highest CH			4.49	8.99	13.52	18.30						

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	1.10	2.72	2.73	4.49	4.51	9.03	8.99	13.43	13.46	18.34	18.42
Middle CH	1.09	1.10	2.72	2.71	4.49	4.49	8.95	9.01	13.40	13.34	18.18	18.18
Highest CH	1.08	1.10	2.70	2.71	4.48	4.49	8.97	8.99	13.40	13.40	18.38	18.38
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.10	2.72	4.49	9.01	13.49	18.22						
Middle CH	1.10	2.71	4.50	8.95	13.46	18.42						
Highest CH	1.10	2.75	4.51	8.99	13.43	18.34						



Band 41 CA

Mode	LTE Band 41 : 99%OBW(MHz)								
BW	5MHz+20MHz			10MHz+20MHz			15MHz+15MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	23.18	23.03	23.08	27.75	27.69	27.69	28.47	28.29	28.41
Middle CH	23.08	23.18	23.03	27.81	27.75	27.69	28.35	28.41	28.41
Highest CH	23.13	23.13	23.08	27.69	27.81	27.81	28.35	28.29	28.35

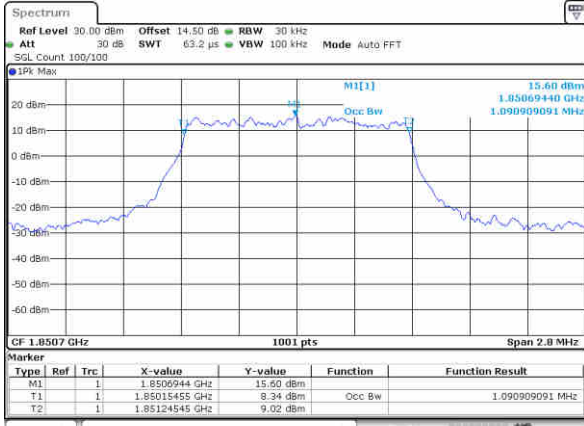
Mode	LTE Band 41 : 99%OBW(MHz)								
BW	15MHz+20MHz			20MHz+5MHz			20MHz+10MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	32.52	32.48	32.66	23.33	23.28	23.13	27.75	27.93	27.87
Middle CH	32.52	32.38	32.52	23.23	23.28	23.08	27.99	27.81	27.99
Highest CH	32.38	32.38	32.38	23.23	23.28	23.18	27.99	27.81	27.81

Mode	LTE Band 41 : 99%OBW(MHz)					
BW	20MHz+15MHz			20MHz+20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	32.59	32.59	32.59	37.32	37.40	37.40
Middle CH	32.59	32.52	32.52	37.24	37.32	37.40
Highest CH	32.55	32.49	32.49	37.08	37.24	37.16



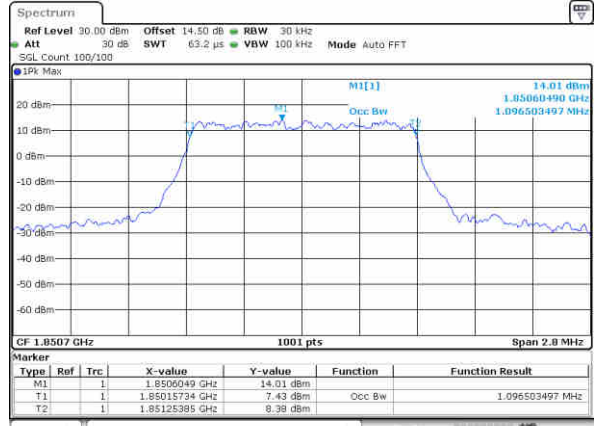
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



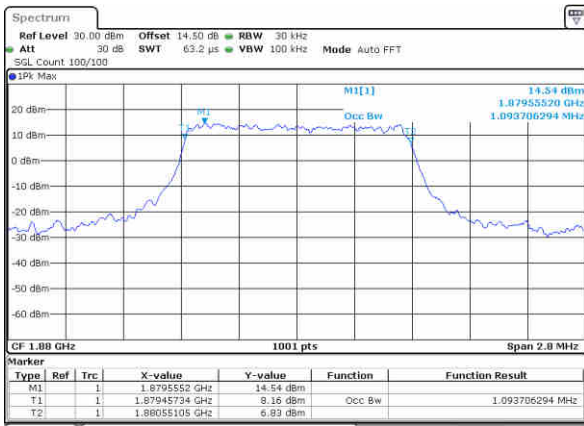
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Lowest Channel / 1.4MHz / 16QAM



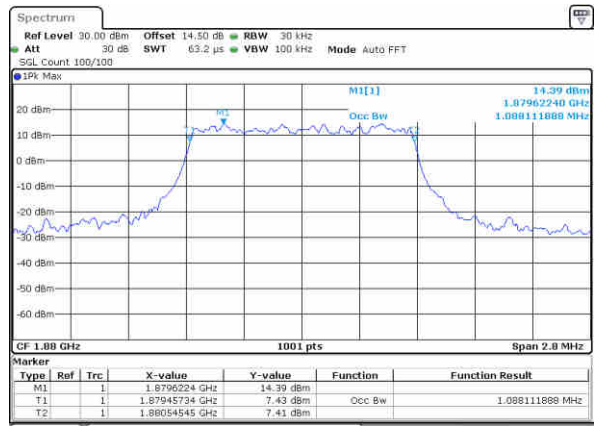
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Middle Channel / 1.4MHz / QPSK



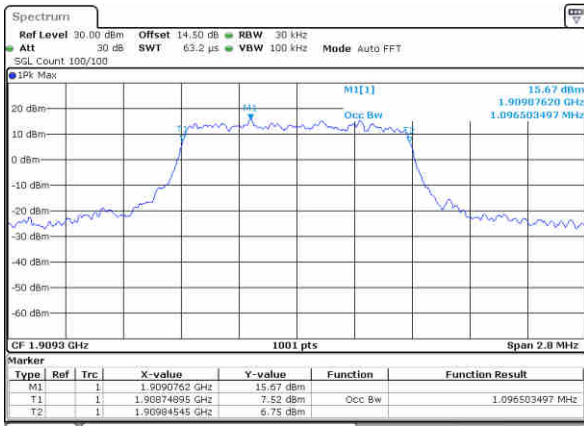
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Middle Channel / 1.4MHz / 16QAM



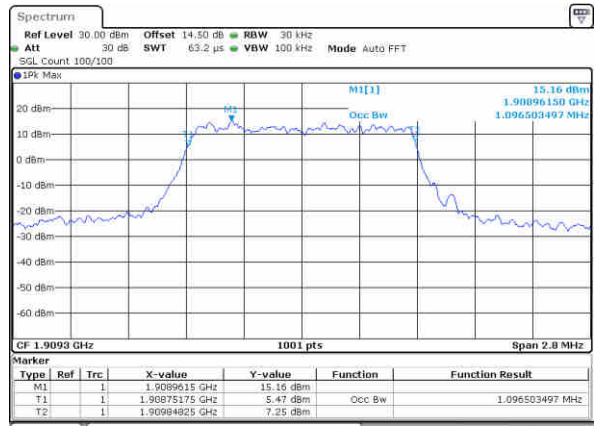
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Highest Channel / 1.4MHz / QPSK



Date: 25.Dec.2017 17:27:27

Highest Channel / 1.4MHz / 16QAM

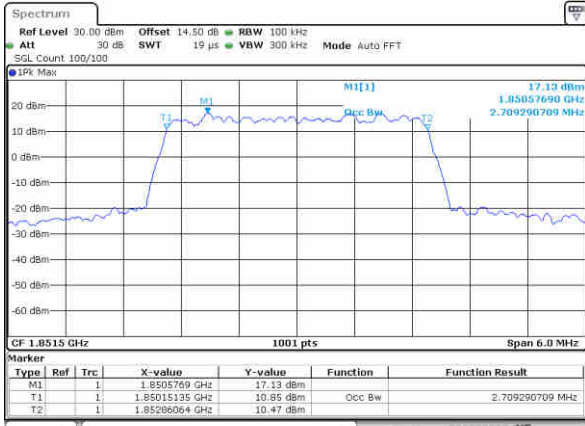


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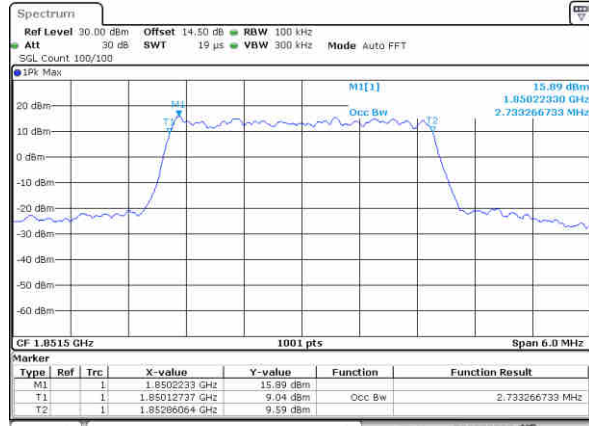
LTE Band 2

Lowest Channel / 3MHz / QPSK



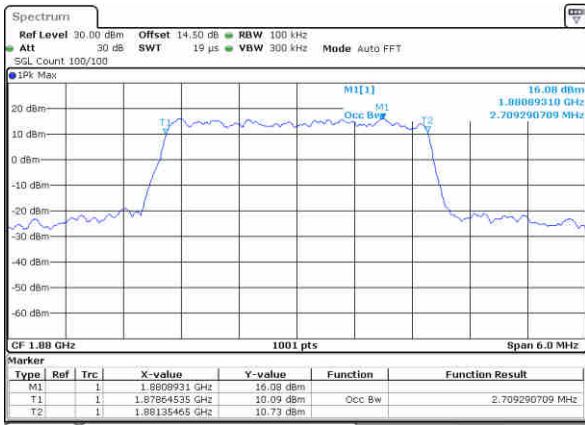
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Lowest Channel / 3MHz / 16QAM



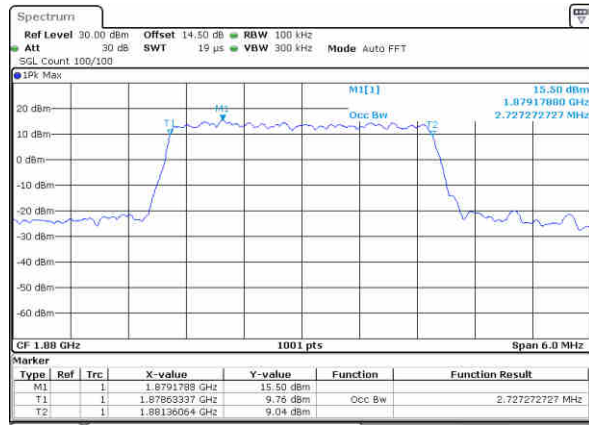
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Middle Channel / 3MHz / QPSK



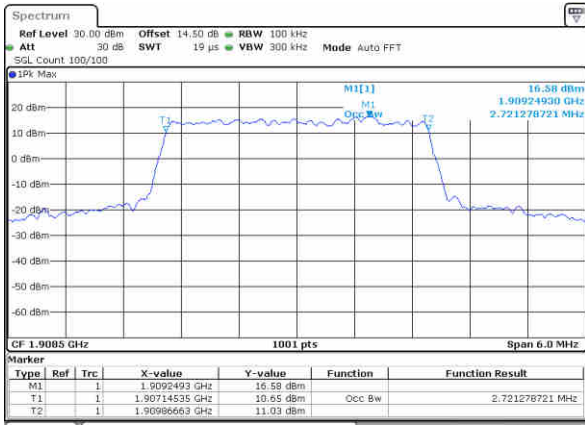
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Middle Channel / 3MHz / 16QAM



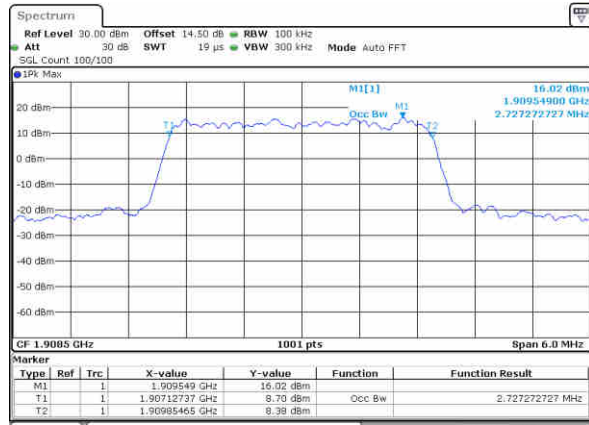
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Highest Channel / 3MHz / QPSK



Date: 25, DEC, 2017 17:44:17

Highest Channel / 3MHz / 16QAM



Date: 25, DEC, 2017 17:44:27