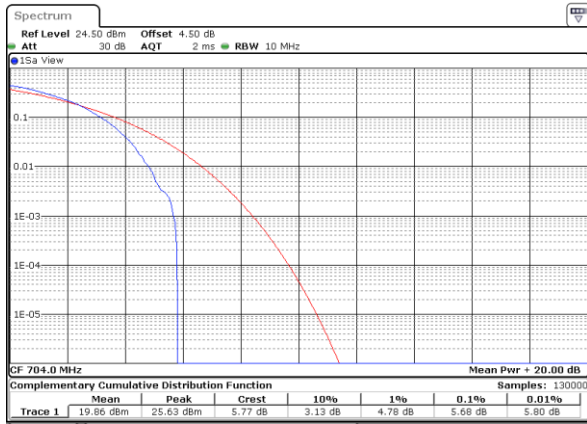




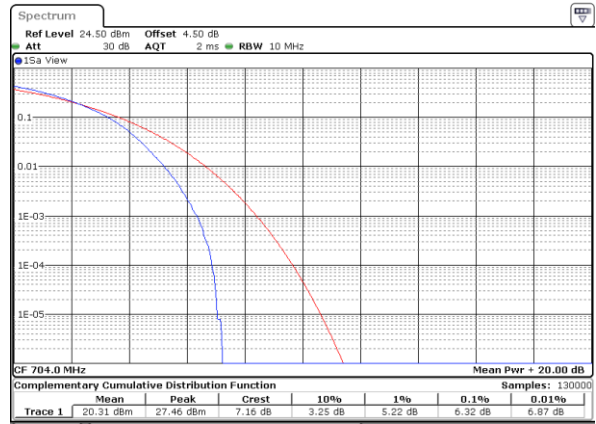
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB



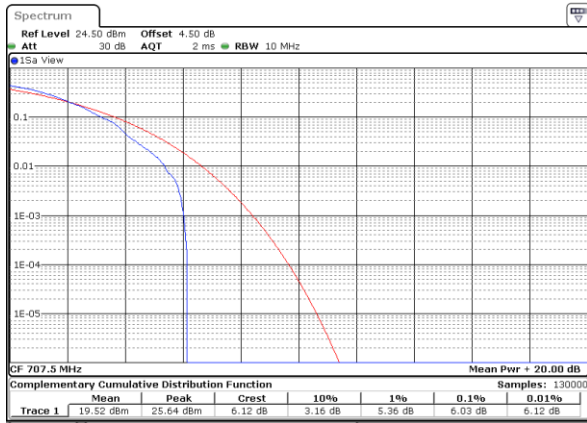
Date: 21.OCT.2018 14:16:53

Lowest Channel / Full RB



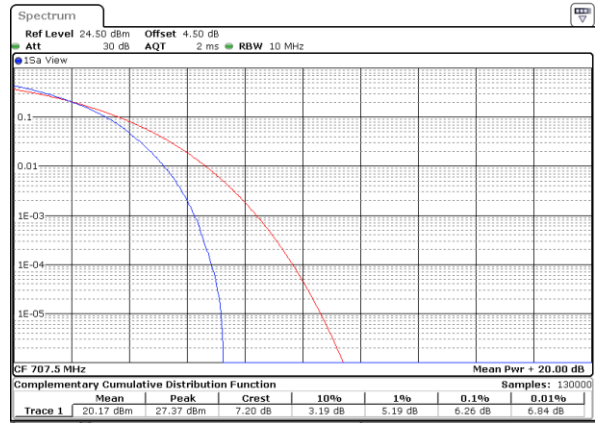
Date: 21.OCT.2018 14:17:02

Middle Channel / 1RB



Date: 21.OCT.2018 14:17:20

Middle Channel / Full RB



Date: 21.OCT.2018 14:17:11

Highest Channel / 1RB



Date: 21.OCT.2018 14:17:31

Highest Channel / Full RB

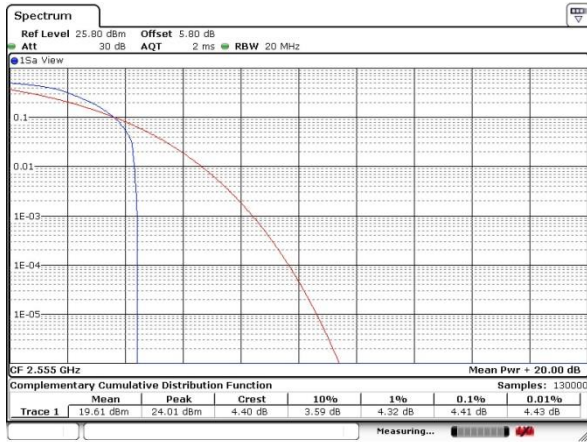


Date: 21.OCT.2018 14:18:02



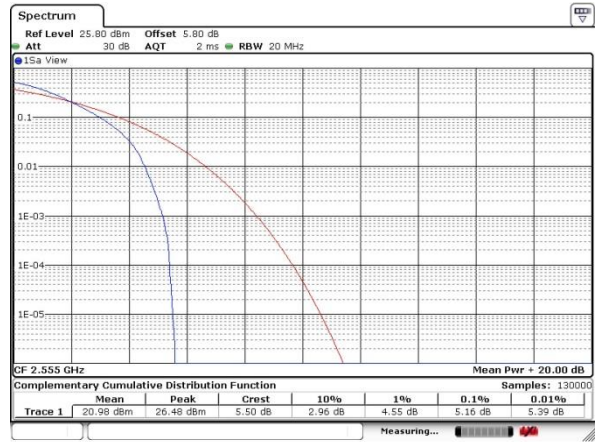
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



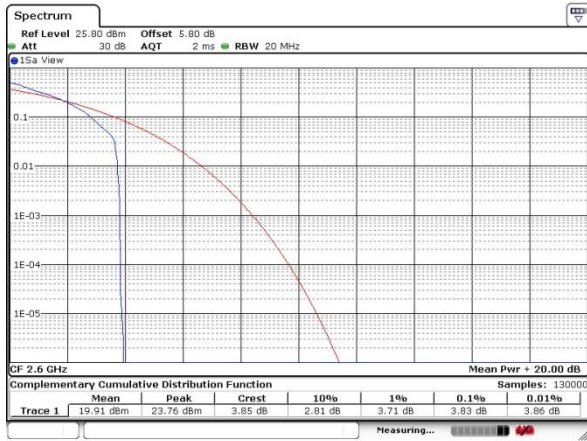
Date: 24.OCT.2018 15:35:40

Lowest Channel / Full RB



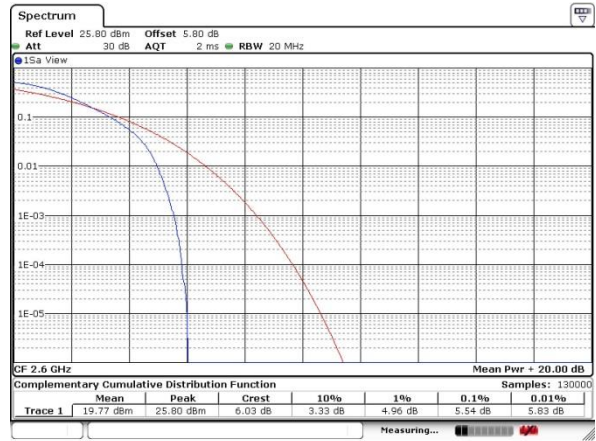
Date: 24.OCT.2018 15:32:28

Middle Channel / 1RB



Date: 24.OCT.2018 15:36:04

Middle Channel / Full RB



Date: 24.OCT.2018 15:37:56

Highest Channel / 1RB



Date: 24.OCT.2018 15:40:56

Highest Channel / Full RB

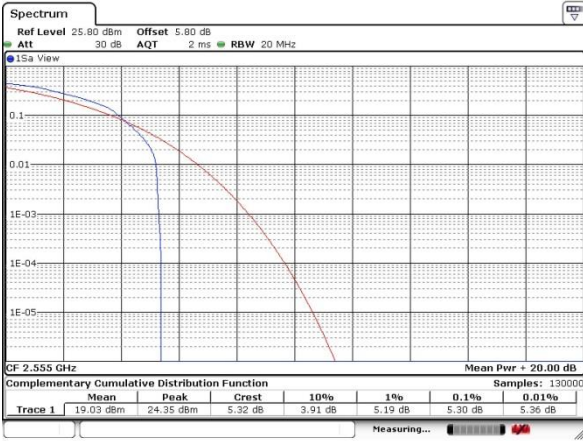


Date: 24.OCT.2018 15:38:34



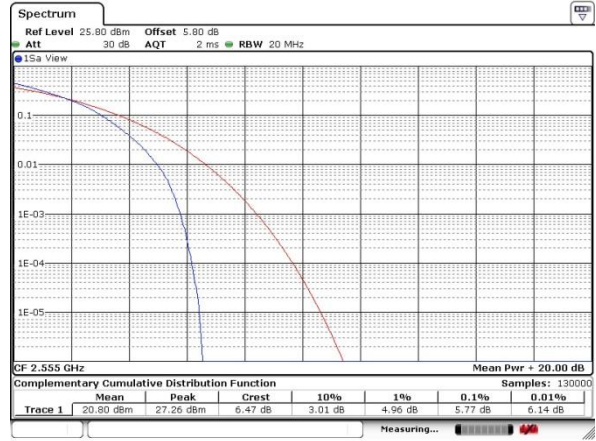
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



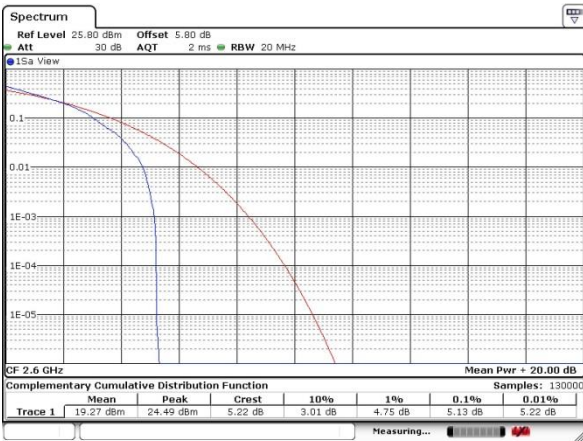
Date: 24.OCT.2018 15:35:21

Lowest Channel / Full RB



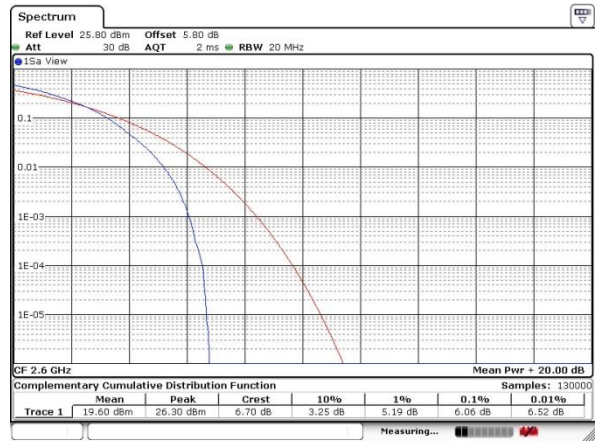
Date: 24.OCT.2018 15:34:03

Middle Channel / 1RB



Date: 24.OCT.2018 15:36:24

Middle Channel / Full RB



Date: 24.OCT.2018 15:37:41

Highest Channel / 1RB



Date: 24.OCT.2018 15:40:39

Highest Channel / Full RB



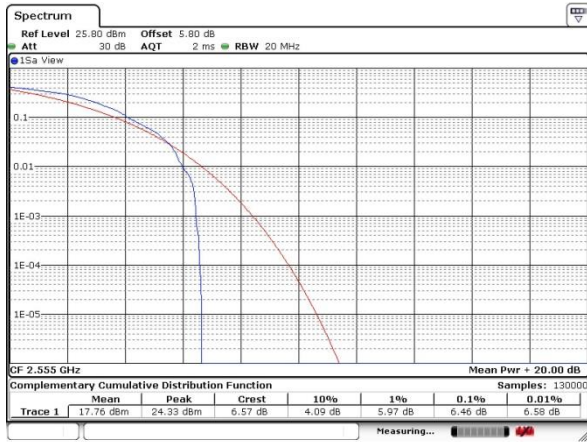
Date: 24.OCT.2018 15:39:04





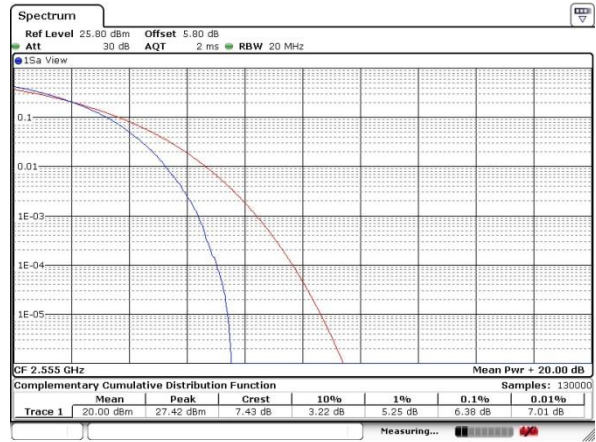
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



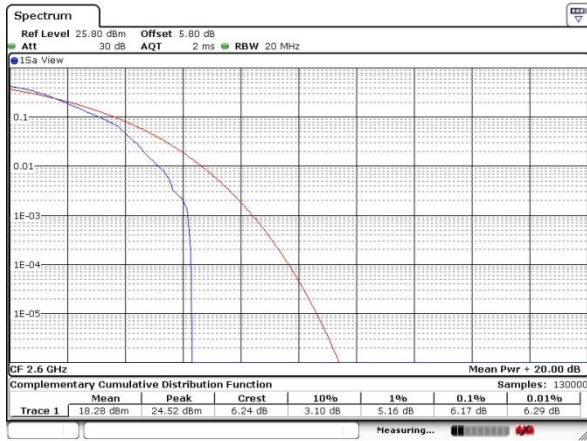
Date: 24.OCT.2018 15:35:06

Lowest Channel / Full RB



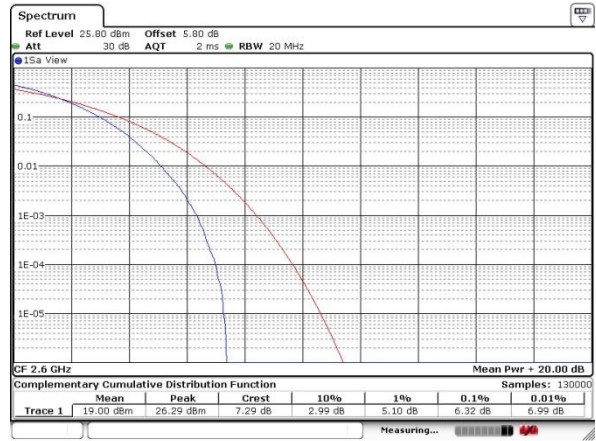
Date: 24.OCT.2018 15:34:51

Middle Channel / 1RB



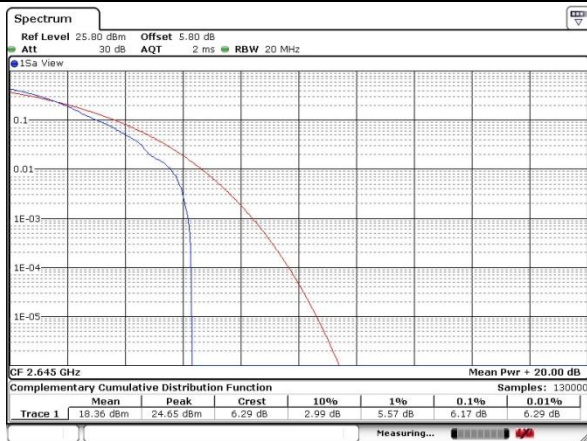
Date: 24.OCT.2018 15:36:46

Middle Channel / Full RB



Date: 24.OCT.2018 15:37:19

Highest Channel / 1RB



Date: 24.OCT.2018 15:40:21

Highest Channel / Full RB



Date: 24.OCT.2018 15:39:57



**26dB Bandwidth**

Mode	LTE Band 2 : 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	1.225	1.242	3.069	3.003	4.945	4.965	9.83	9.87	14.505	14.266	20.26	20.14
Middle CH	1.245	1.231	3.003	3.021	4.935	4.985	9.71	9.67	14.386	14.595	20.14	20.14
Highest CH	1.222	1.222	3.051	3.051	4.985	4.905	9.67	9.91	14.476	14.326	20.26	20.22
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.242		3.033		4.865		9.71		14.535		20.22	
Middle CH	1.231		3.003		4.995		9.79		14.595		20.10	
Highest CH	1.242		3.003		4.905		9.89		14.296		20.14	

Mode	LTE Band 4 : 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	1.228	1.228	3.009	3.015	4.855	4.955	9.61	9.73	14.476	14.326	20.1	20.06
Middle CH	1.225	1.225	3.027	3.027	4.895	4.905	10.03	9.63	14.266	14.685	20.22	20.22
Highest CH	1.231	1.225	2.985	3.045	4.875	4.975	9.85	9.73	14.326	14.595	20.22	20.34
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.231		3.045		4.935		9.85		14.505		20.10	
Middle CH	1.234		3.027		4.935		9.77		14.476		20.22	
Highest CH	1.222		2.991		4.785		9.95		14.116		20.14	

Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.248	1.211	3.051	2.955	4.945	4.875	9.75	9.83	1.234	2.997	4.865	9.73
Middle CH	1.228	1.236	2.931	2.973	4.865	4.845	9.83	9.77	1.245	3.039	4.875	9.93
Highest CH	1.231	1.236	3.129	2.979	4.945	4.905	9.91	9.71	1.222	2.931	4.855	9.65



Mode	LTE Band 7 : 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	-	-	-	-	4.925	4.905	9.87	9.71	14.296	14.505	20.42	20.18
Middle CH	-	-	-	-	4.965	4.935	9.85	9.67	14.595	14.416	20.26	20.1
Highest CH	-	-	-	-	4.945	4.865	9.75	9.71	14.535	14.476	20.18	20.22
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		-		-	
Mod.	64QAM		64QAM		64QAM		64QAM		-	-	-	-
Lowest CH	4.845		9.77		14.236		20.10		-	-	-	-
Middle CH	4.865		9.81		14.565		20.26		-	-	-	-
Highest CH	4.895		9.77		14.356		20.18		-	-	-	-

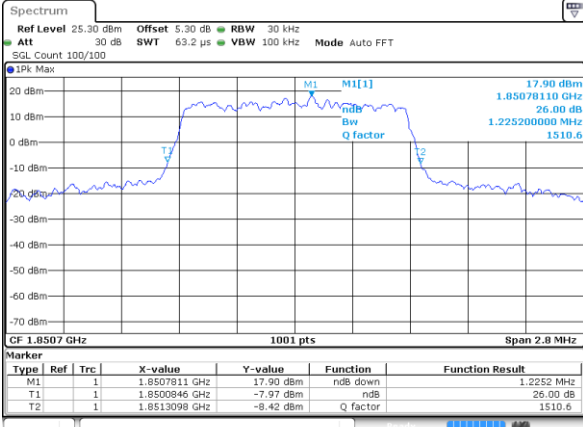
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.22	1.228	3.057	3.009	4.865	4.925	9.79	9.79	1.239	3.009	4.895	9.95
Middle CH	1.234	1.222	3.003	3.003	4.915	4.905	9.71	9.81	1.205	2.997	4.945	9.79
Highest CH	1.228	1.222	3.027	3.051	4.915	4.865	9.79	9.65	1.220	3.027	4.975	9.75

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.915	4.765	9.71	9.83	14.296	14.505	20.18	19.98	4.835	9.79	14.505	20.10
Middle CH	4.915	4.845	9.77	9.75	14.535	14.176	20.06	20.14	4.815	9.67	14.296	20.26
Highest CH	4.885	4.895	9.85	9.83	14.625	14.535	20.26	20.1	4.775	9.75	14.326	20.10



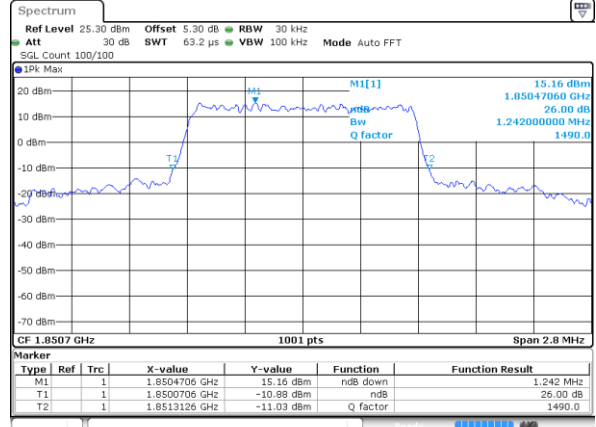
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



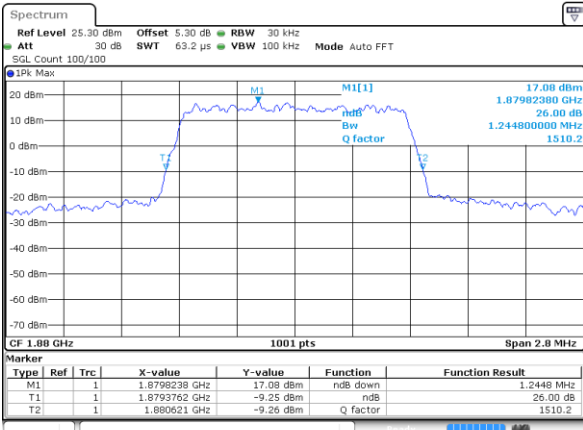
Date: 20.OCT.2018 12:48:05

Lowest Channel / 1.4MHz / 16QAM



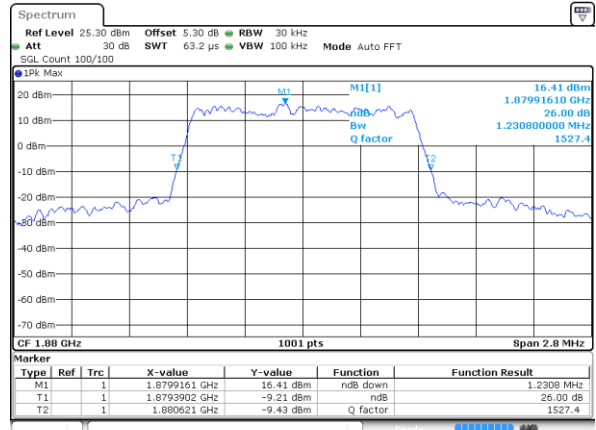
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Middle Channel / 1.4MHz / QPSK



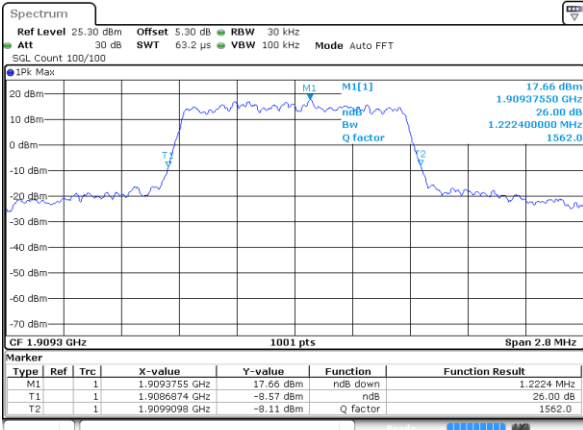
Date: 20.OCT.2018 12:55:05

Middle Channel / 1.4MHz / 16QAM



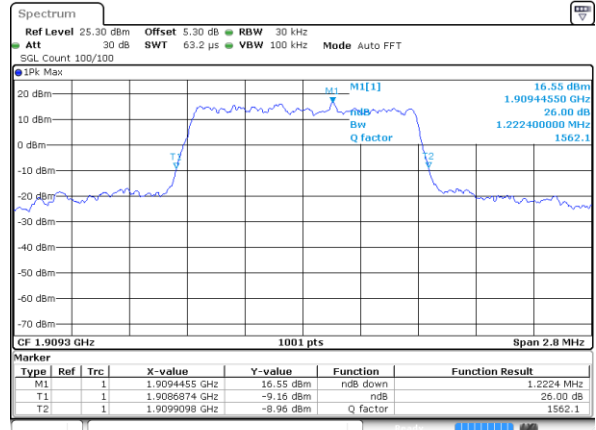
Date: 20.OCT.2018 12:55:15

Highest Channel / 1.4MHz / QPSK



Date: 20.OCT.2018 12:57:35

Highest Channel / 1.4MHz / 16QAM

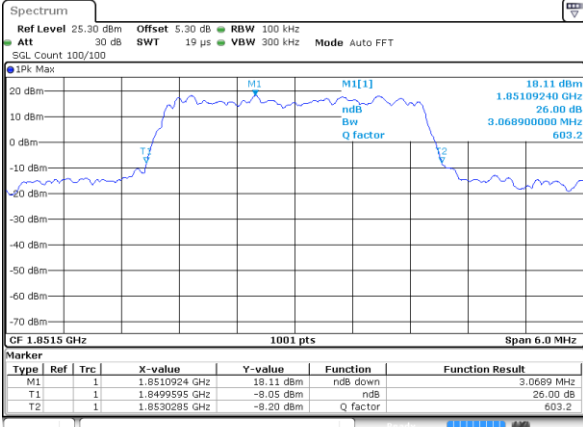


Date: 20.OCT.2018 12:57:45



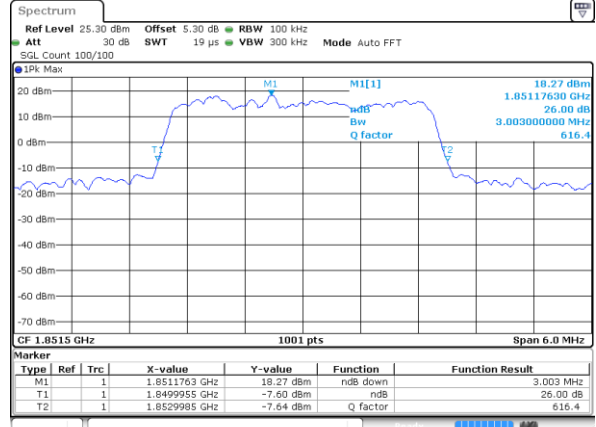
LTE Band 2

Lowest Channel / 3MHz / QPSK



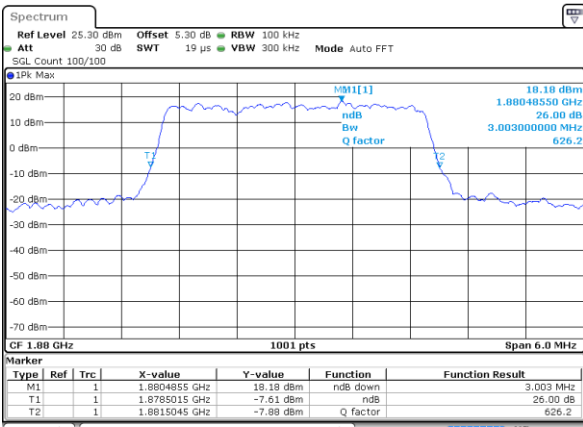
Date: 20.OCT.2018 13:04:34

Lowest Channel / 3MHz / 16QAM



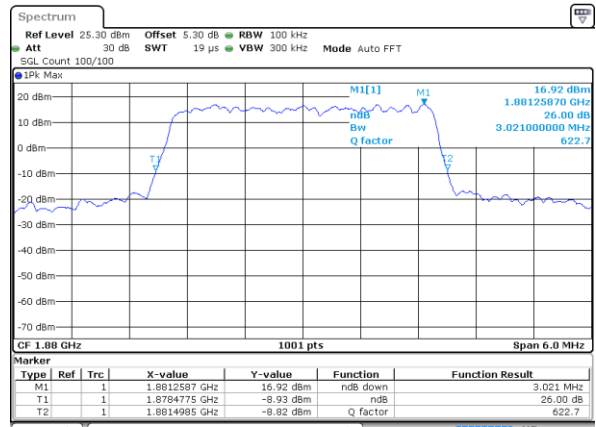
Date: 20.OCT.2018 13:04:44

Middle Channel / 3MHz / QPSK



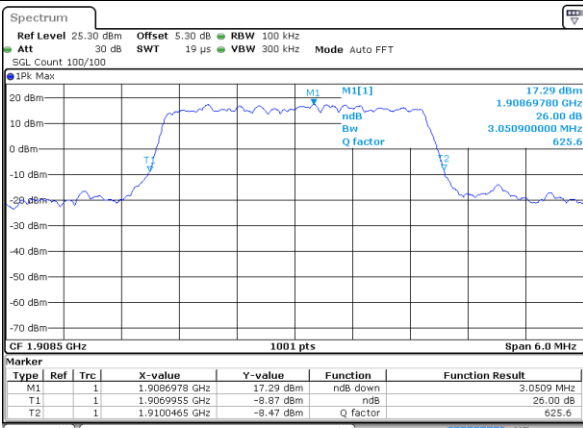
Date: 20.OCT.2018 13:11:33

Middle Channel / 3MHz / 16QAM



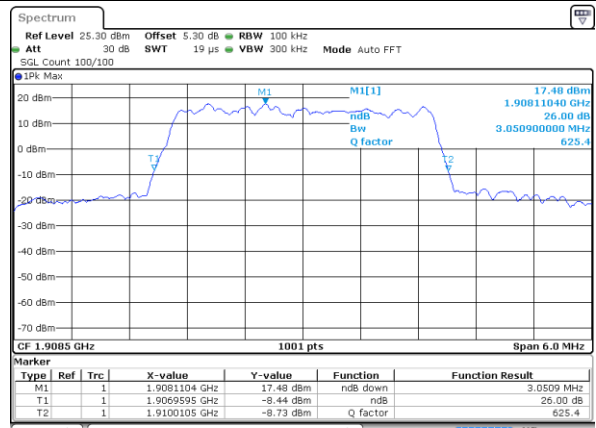
Date: 20.OCT.2018 13:11:43

Highest Channel / 3MHz / QPSK



Date: 20.OCT.2018 13:14:02

Highest Channel / 3MHz / 16QAM



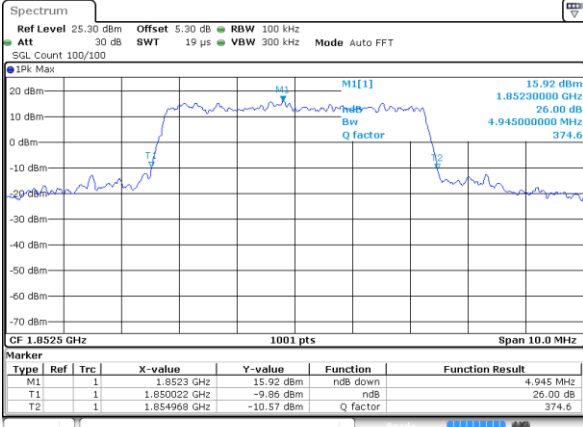
Date: 20.OCT.2018 13:14:12





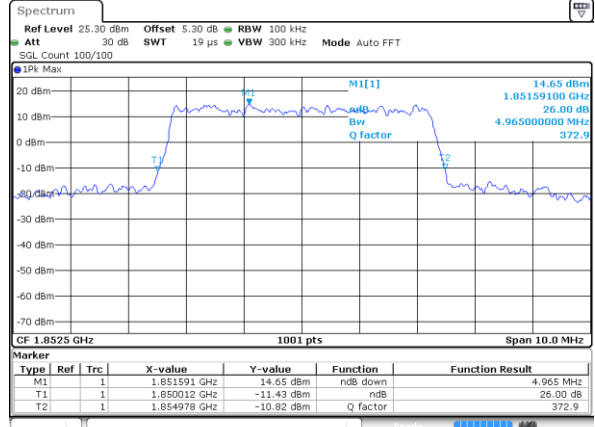
LTE Band 2

Lowest Channel / 5MHz / QPSK



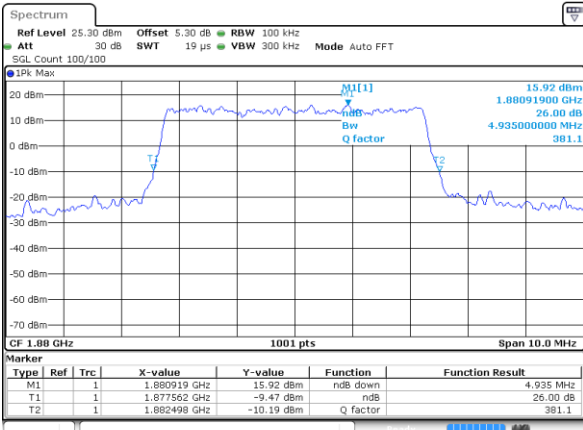
Date: 20.OCT.2018 13:21:02

Lowest Channel / 5MHz / 16QAM



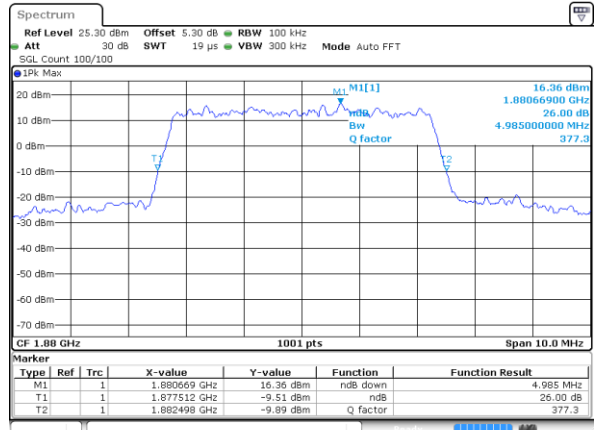
Date: 20.OCT.2018 13:21:12

Middle Channel / 5MHz / QPSK



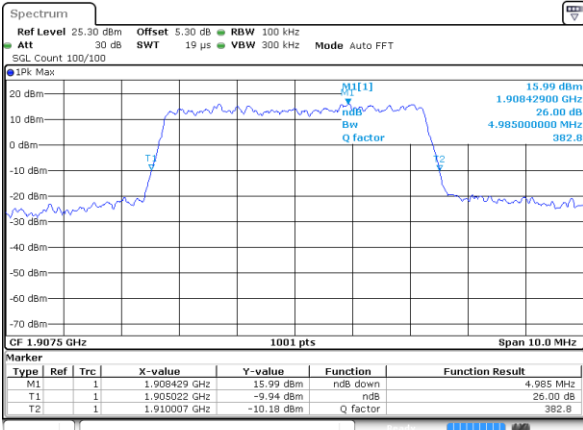
Date: 20.OCT.2018 13:28:01

Middle Channel / 5MHz / 16QAM



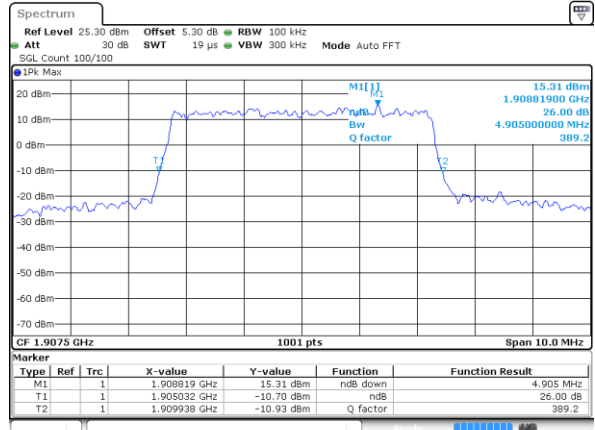
Date: 20.OCT.2018 13:28:11

Highest Channel / 5MHz / QPSK



Date: 20.OCT.2018 13:30:30

Highest Channel / 5MHz / 16QAM

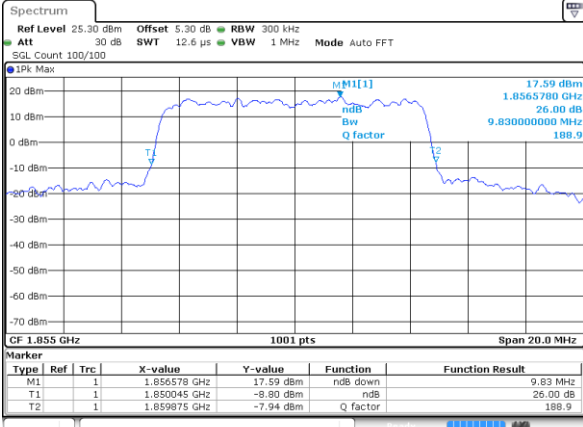


Date: 20.OCT.2018 13:30:40



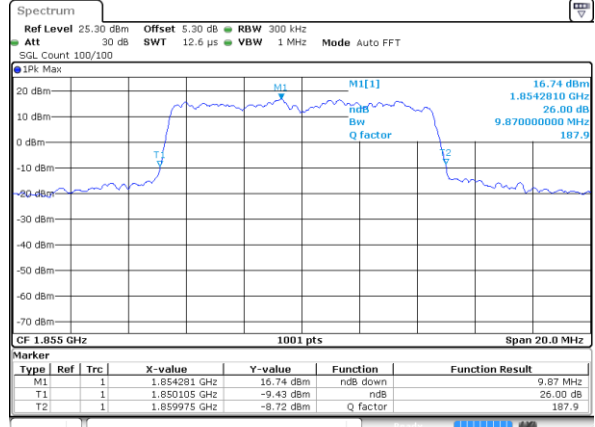
LTE Band 2

Lowest Channel / 10MHz / QPSK



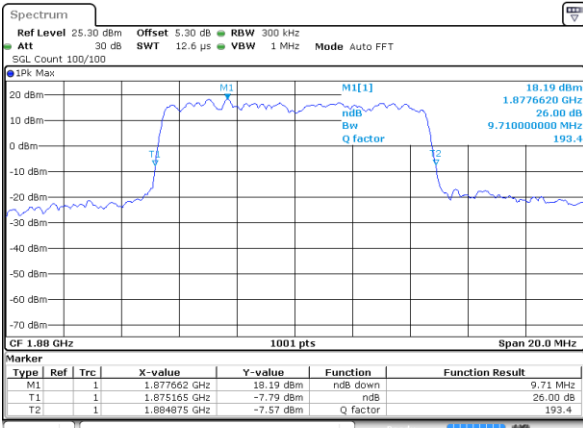
Date: 20.OCT.2018 13:37:29

Lowest Channel / 10MHz / 16QAM



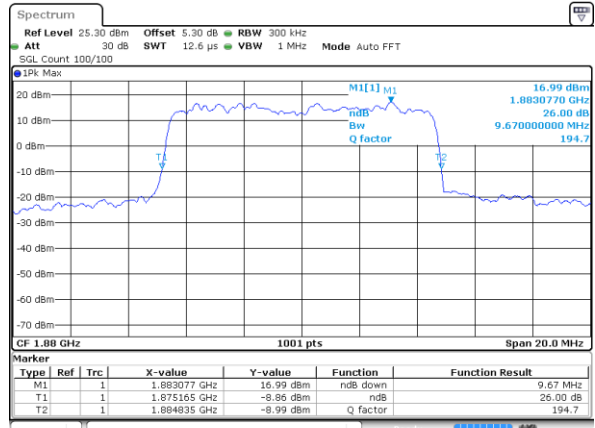
Date: 20.OCT.2018 13:37:39

Middle Channel / 10MHz / QPSK



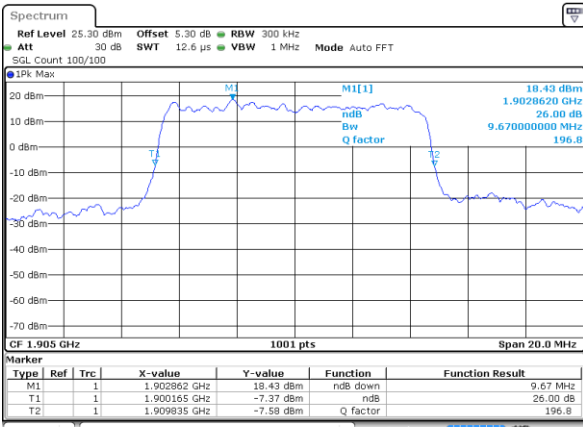
Date: 20.OCT.2018 13:44:29

Middle Channel / 10MHz / 16QAM



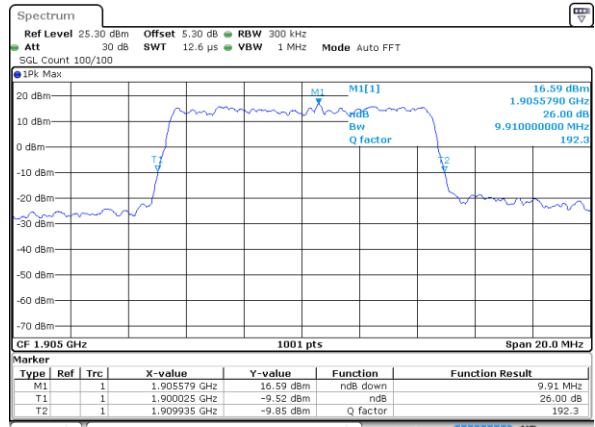
Date: 20.OCT.2018 13:44:39

Highest Channel / 10MHz / QPSK



Date: 20.OCT.2018 13:46:58

Highest Channel / 10MHz / 16QAM

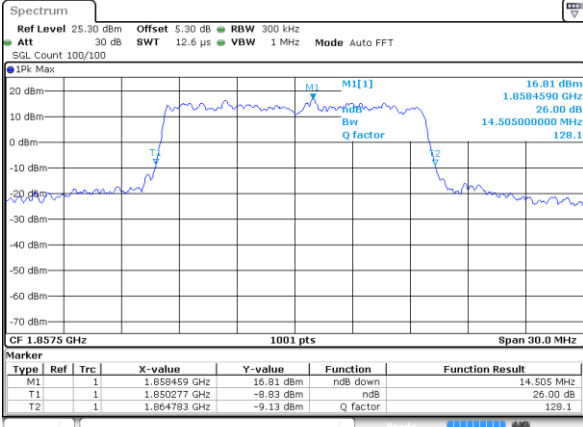


Date: 20.OCT.2018 13:47:08



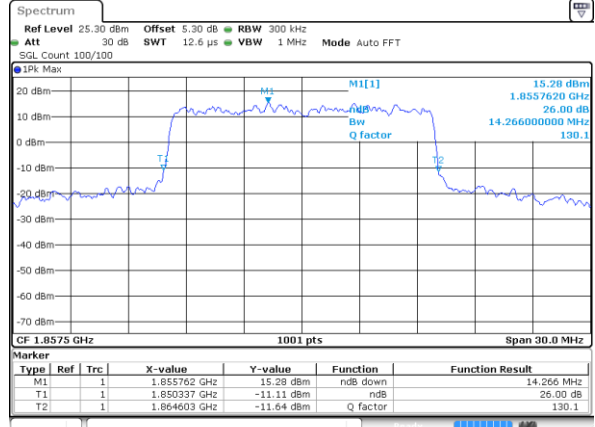
LTE Band 2

Lowest Channel / 15MHz / QPSK



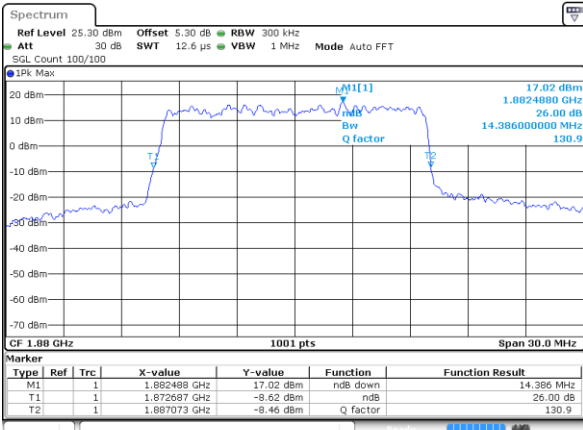
Date: 20.OCT.2018 13:53:57

Lowest Channel / 15MHz / 16QAM



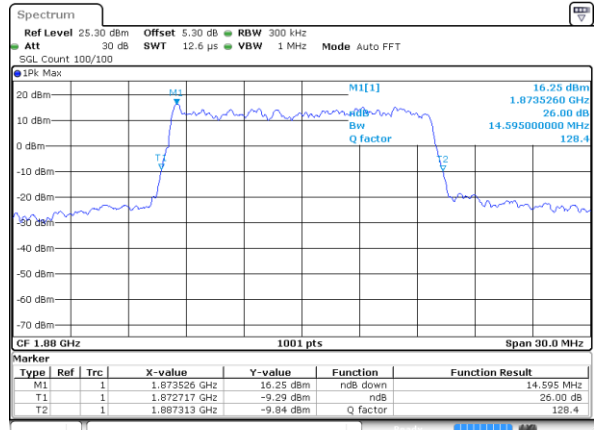
Date: 20.OCT.2018 13:54:07

Middle Channel / 15MHz / QPSK



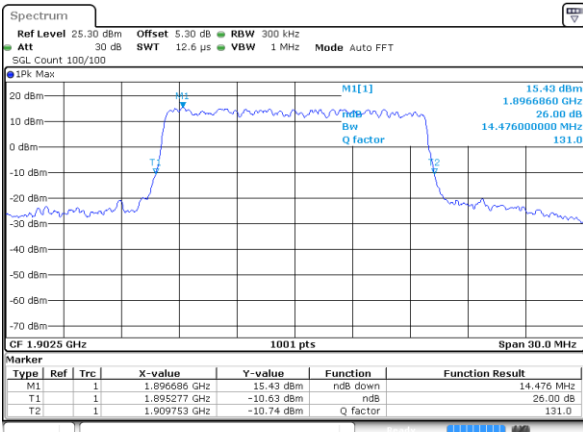
Date: 20.OCT.2018 14:00:57

Middle Channel / 15MHz / 16QAM



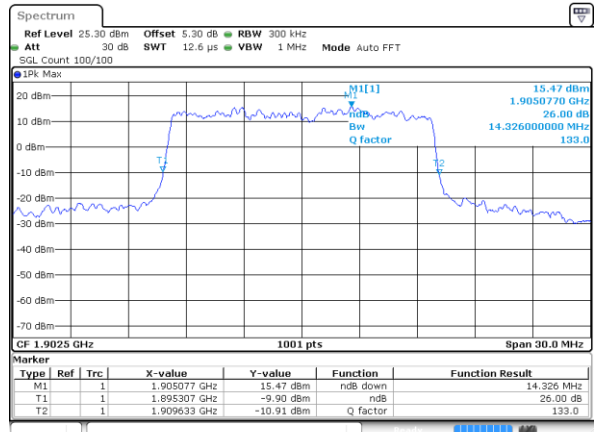
Date: 20.OCT.2018 14:01:06

Highest Channel / 15MHz / QPSK



Date: 20.OCT.2018 14:03:26

Highest Channel / 15MHz / 16QAM

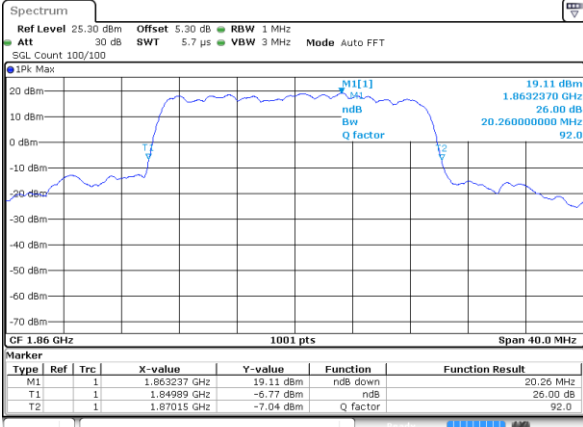


Date: 20.OCT.2018 14:03:36



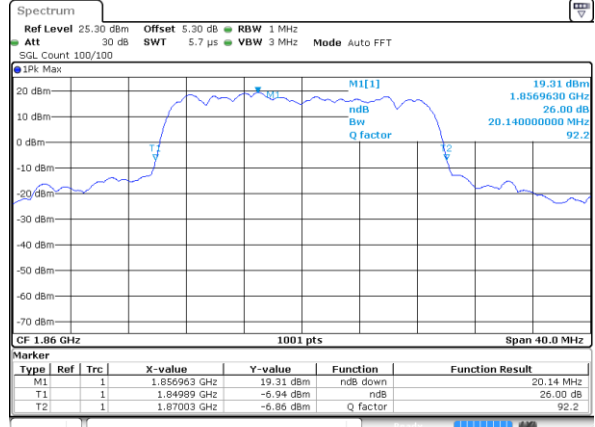
LTE Band 2

Lowest Channel / 20MHz / QPSK



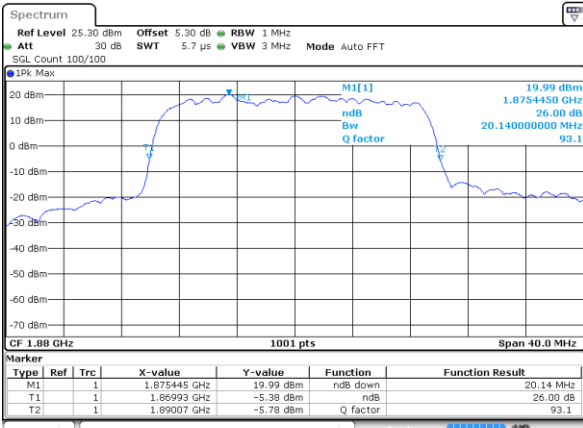
Date: 20.OCT.2018 14:10:25

Lowest Channel / 20MHz / 16QAM



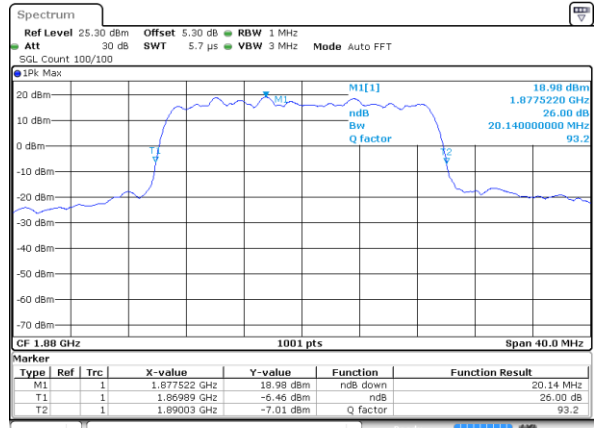
Date: 20.OCT.2018 14:10:35

Middle Channel / 20MHz / QPSK



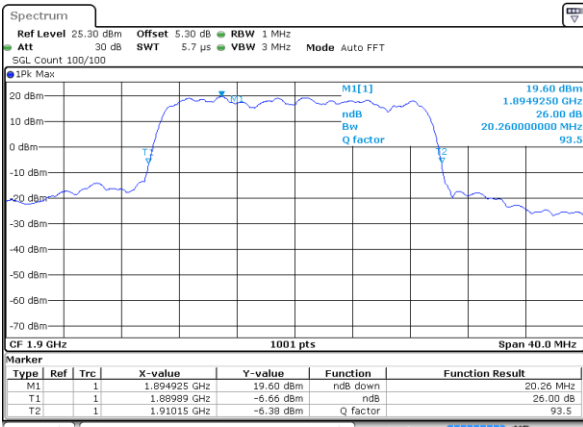
Date: 20.OCT.2018 14:17:24

Middle Channel / 20MHz / 16QAM



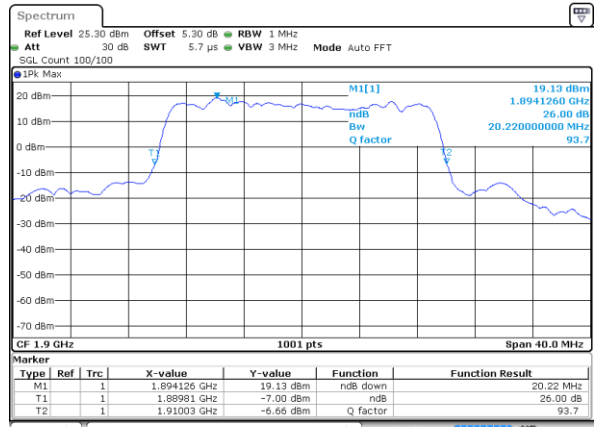
Date: 20.OCT.2018 14:17:34

Highest Channel / 20MHz / QPSK



Date: 20.OCT.2018 14:19:53

Highest Channel / 20MHz / 16QAM

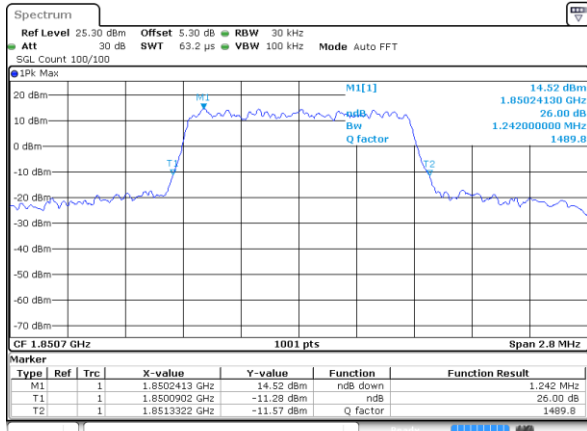


Date: 20.OCT.2018 14:20:03



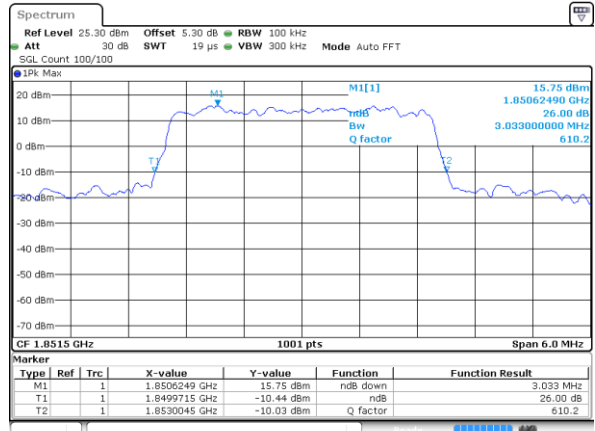
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



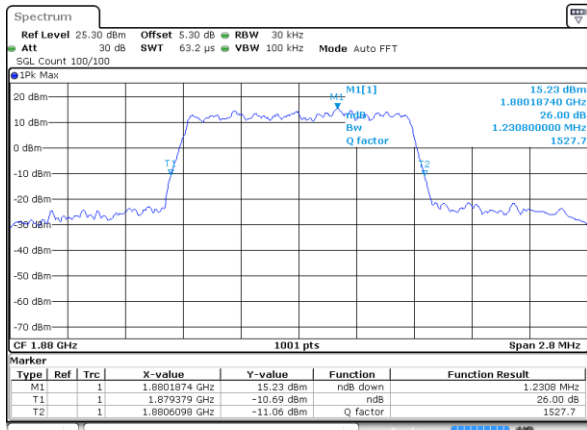
Date: 20.OCT.2018 14:31:13

Lowest Channel / 3MHz / 64QAM



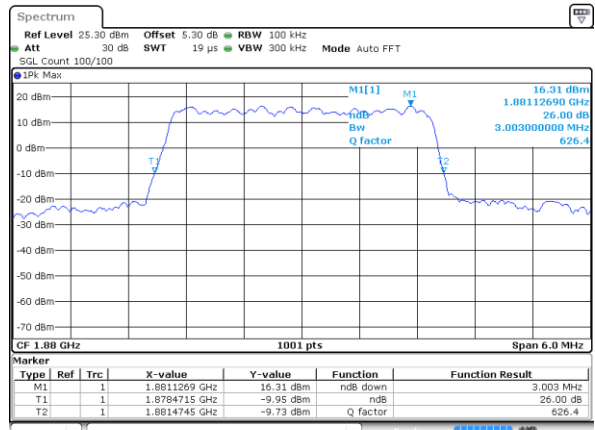
Date: 20.OCT.2018 14:31:43

Middle Channel / 1.4MHz / 64QAM



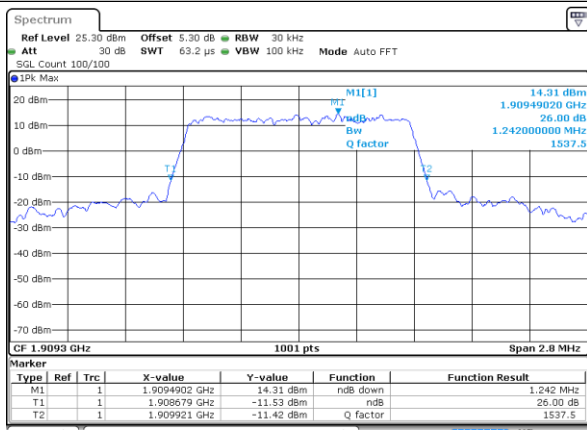
Date: 20.OCT.2018 14:31:23

Middle Channel / 3MHz / 64QAM



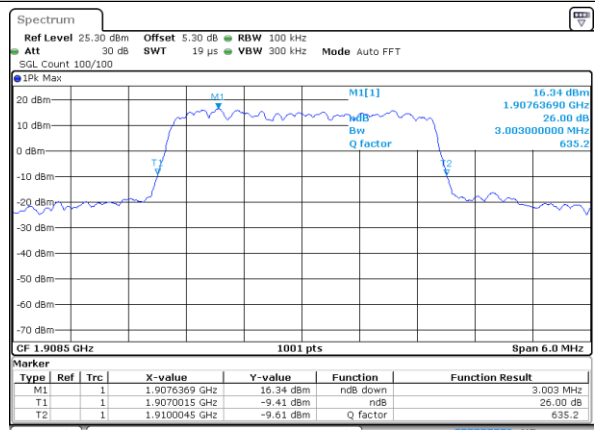
Date: 20.OCT.2018 14:31:53

Highest Channel / 1.4MHz / 64QAM



Date: 20.OCT.2018 14:31:33

Highest Channel / 3MHz / 64QAM



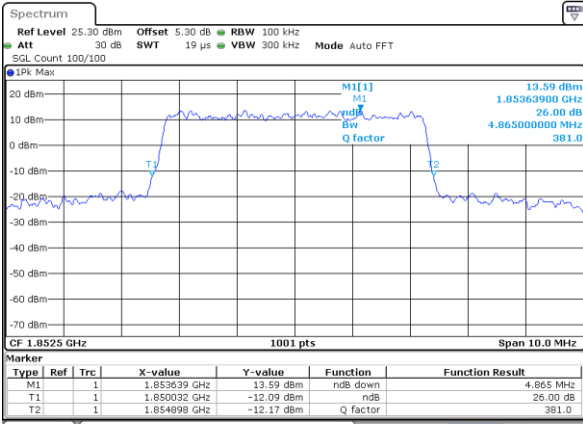
Date: 20.OCT.2018 14:32:04





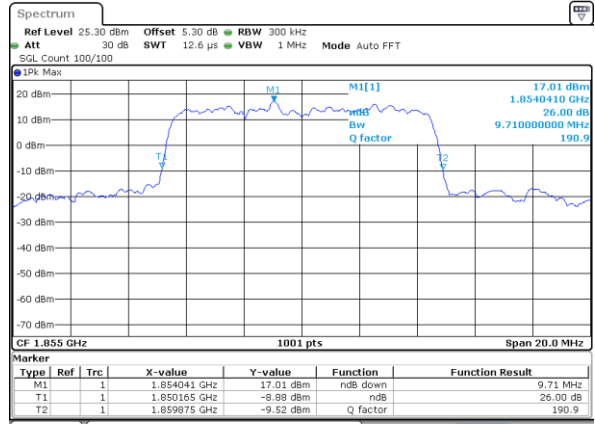
LTE Band 2

Lowest Channel / 5MHz / 64QAM



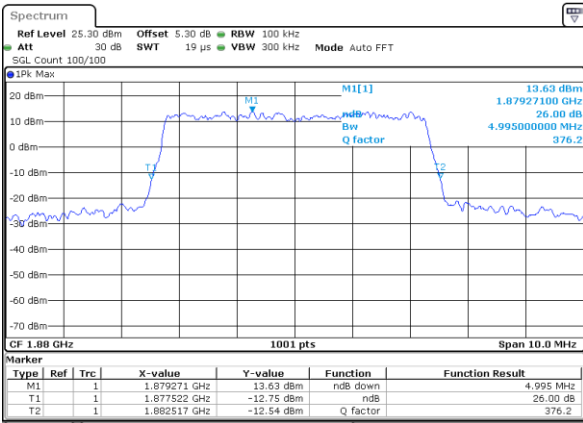
Date: 20.OCT.2018 14:32:14

Lowest Channel / 10MHz / 64QAM



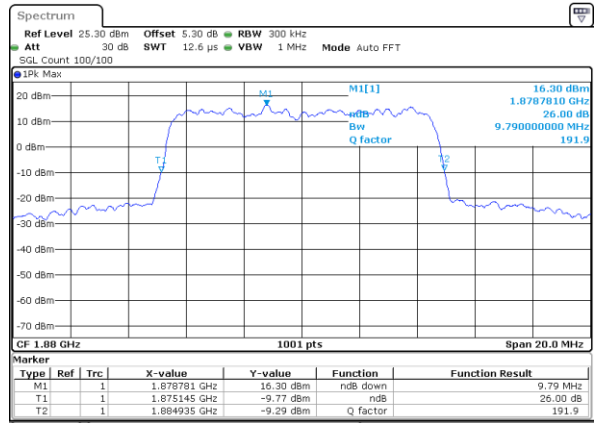
Date: 20.OCT.2018 14:32:44

Middle Channel / 5MHz / 64QAM



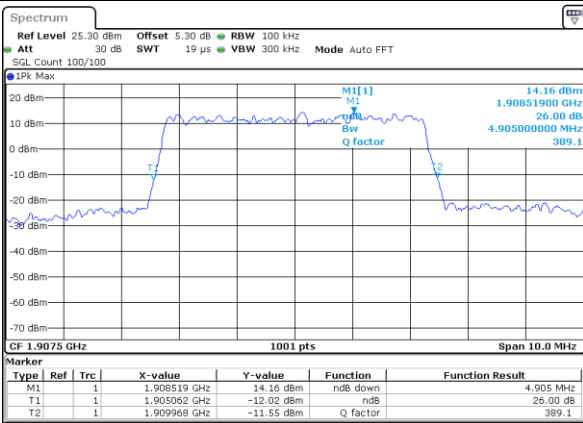
Date: 20.OCT.2018 14:32:24

Middle Channel / 10MHz / 64QAM



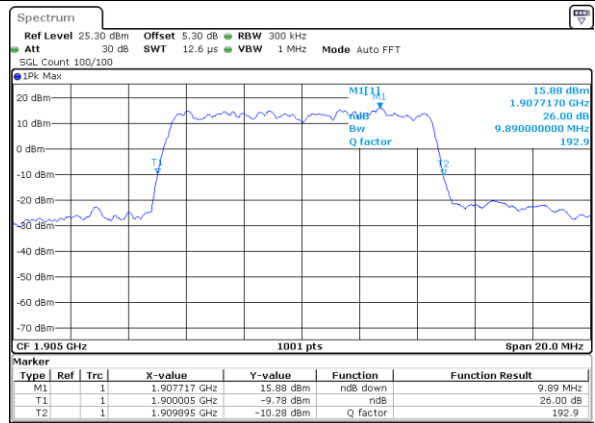
Date: 20.OCT.2018 14:32:54

Highest Channel / 5MHz / 64QAM



Date: 20.OCT.2018 14:32:34

Highest Channel / 10MHz / 64QAM

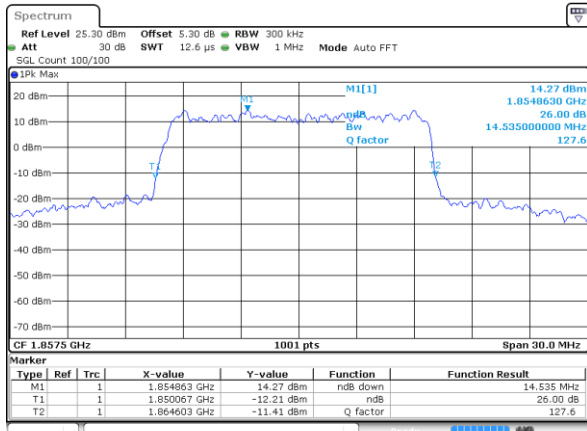


Date: 20.OCT.2018 14:33:04



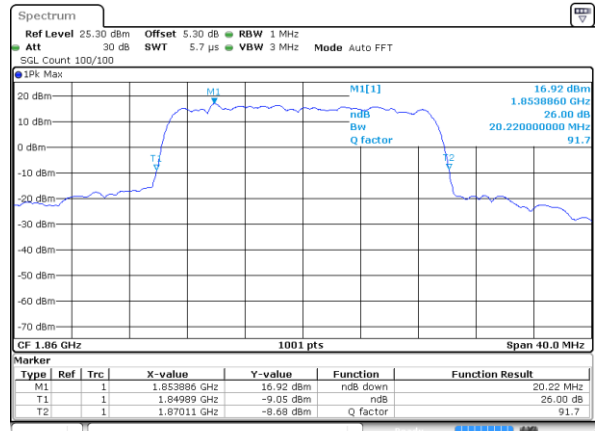
LTE Band 2

Lowest Channel / 15MHz / 64QAM



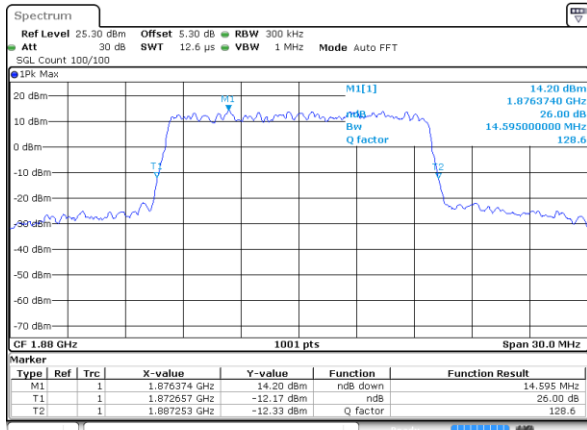
Date: 20.OCT.2018 14:33:14

Lowest Channel / 20MHz / 64QAM



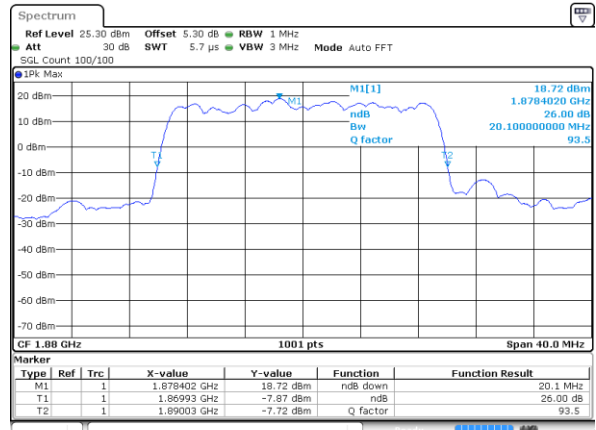
Date: 20.OCT.2018 14:33:44

Middle Channel / 15MHz / 64QAM



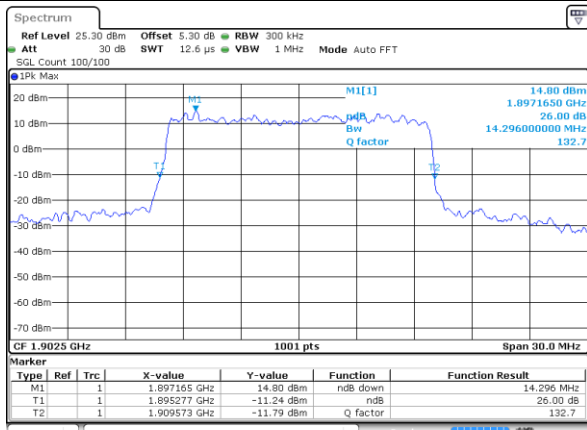
Date: 20.OCT.2018 14:33:24

Middle Channel / 20MHz / 64QAM



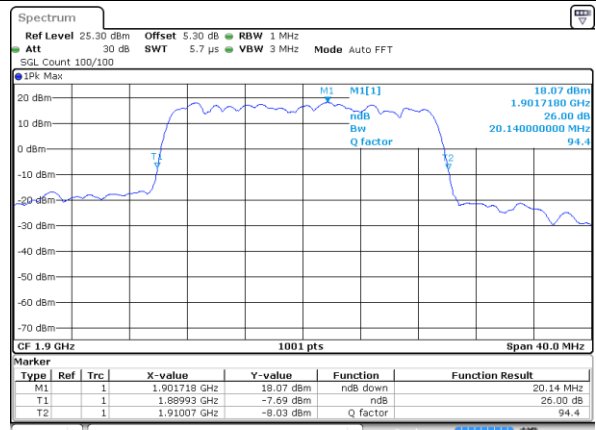
Date: 20.OCT.2018 14:33:54

Highest Channel / 15MHz / 64QAM



Date: 20.OCT.2018 14:33:34

Highest Channel / 20MHz / 64QAM

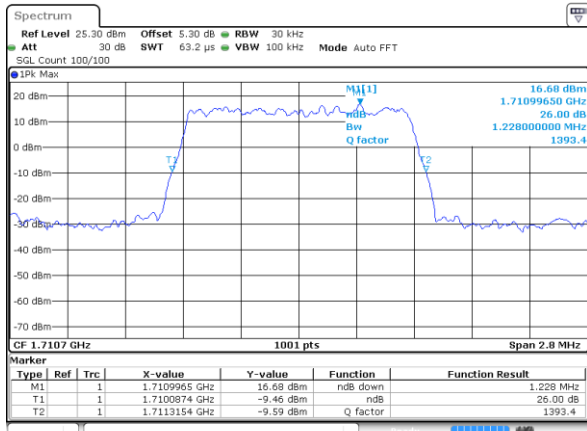


Date: 20.OCT.2018 14:34:04



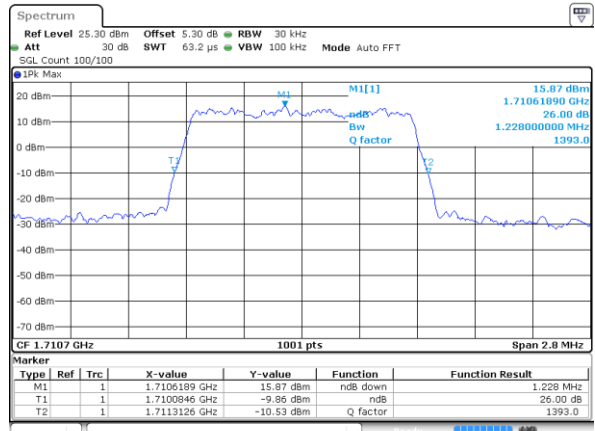
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



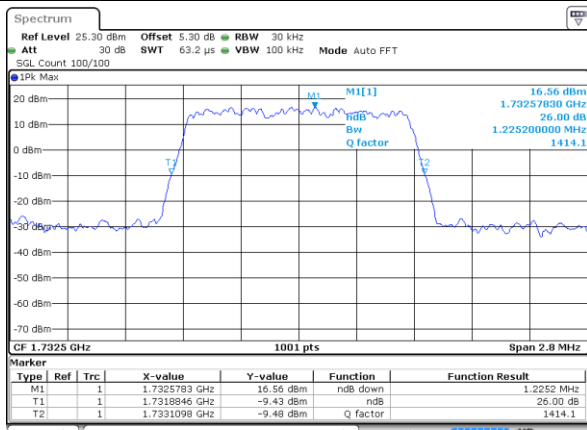
Date: 20.OCT.2018 15:47:35

Lowest Channel / 1.4MHz / 16QAM



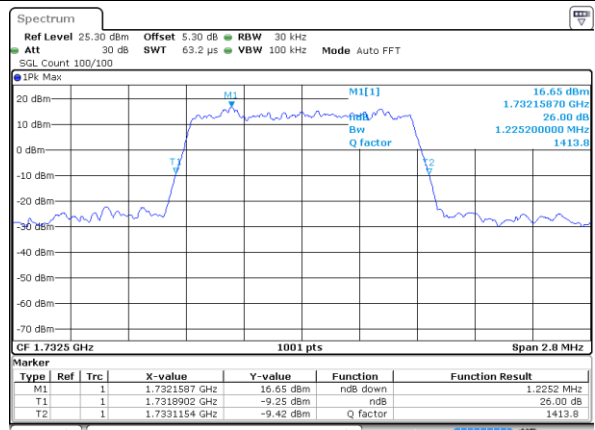
Date: 20.OCT.2018 15:47:45

Middle Channel / 1.4MHz / QPSK



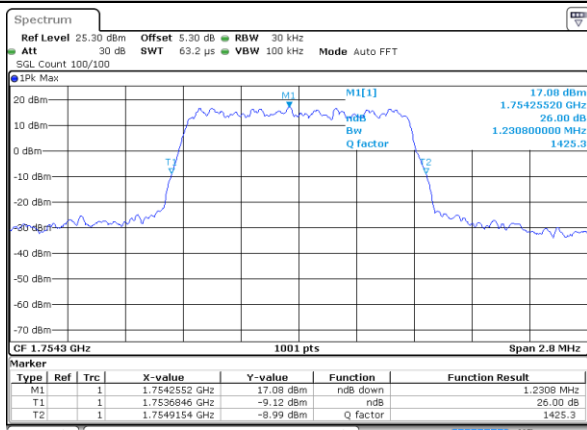
Date: 20.OCT.2018 16:01:00

Middle Channel / 1.4MHz / 16QAM



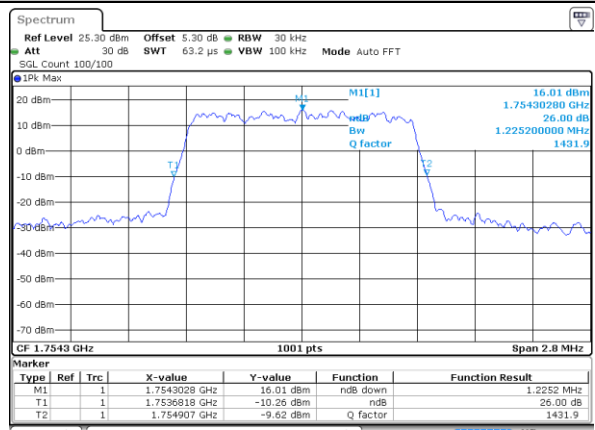
Date: 20.OCT.2018 16:01:10

Highest Channel / 1.4MHz / QPSK



Date: 20.OCT.2018 16:03:29

Highest Channel / 1.4MHz / 16QAM

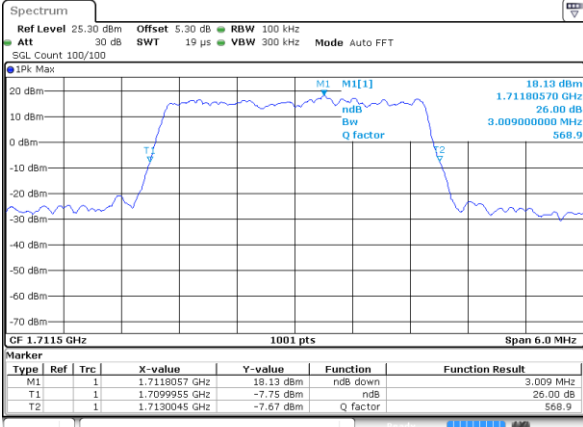


Date: 20.OCT.2018 16:03:39



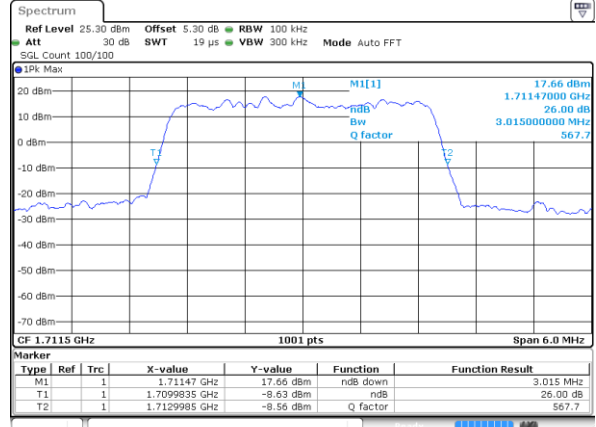
LTE Band 4

Lowest Channel / 3MHz / QPSK



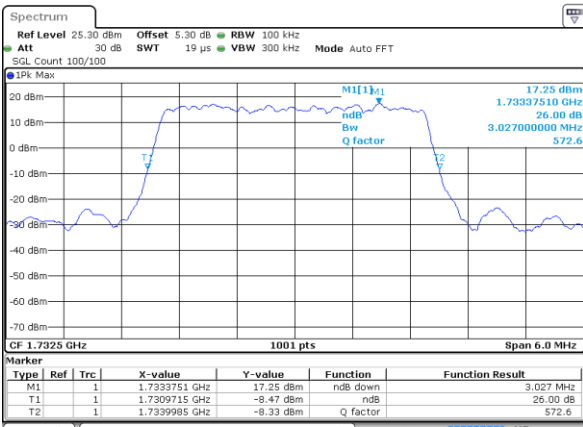
Date: 20.OCT.2018 16:10:28

Lowest Channel / 3MHz / 16QAM



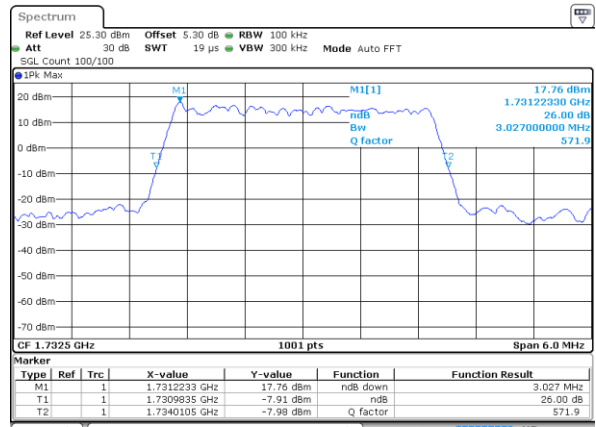
Date: 20.OCT.2018 16:10:38

Middle Channel / 3MHz / QPSK



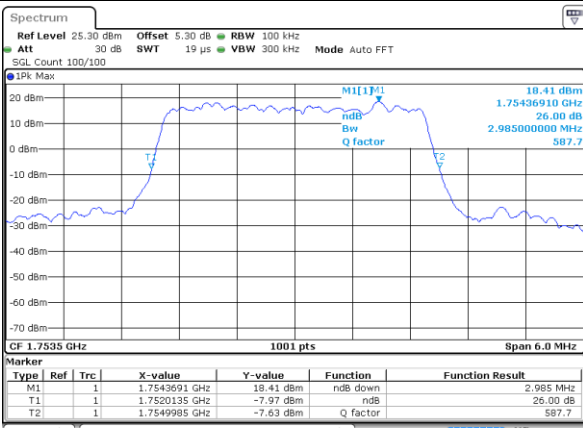
Date: 20.OCT.2018 16:17:27

Middle Channel / 3MHz / 16QAM



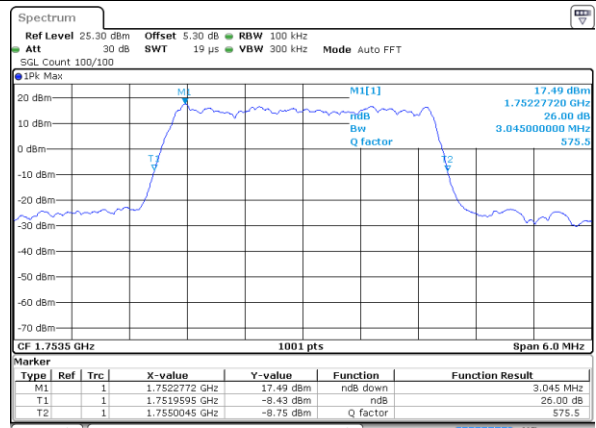
Date: 20.OCT.2018 16:17:38

Highest Channel / 3MHz / QPSK



Date: 20.OCT.2018 16:19:57

Highest Channel / 3MHz / 16QAM

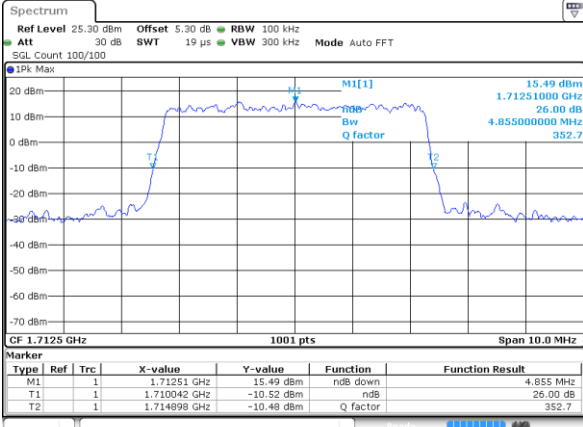


Date: 20.OCT.2018 16:20:07



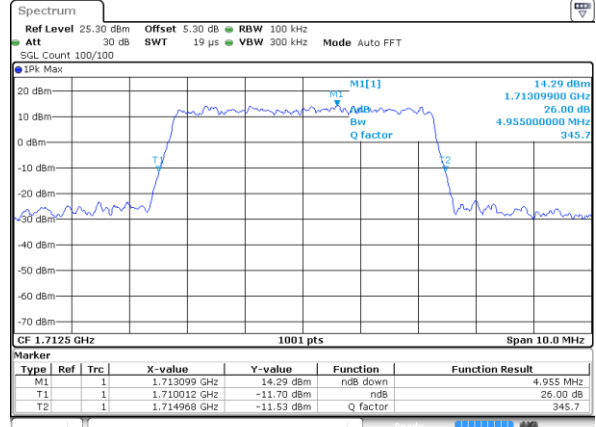
LTE Band 4

Lowest Channel / 5MHz / QPSK



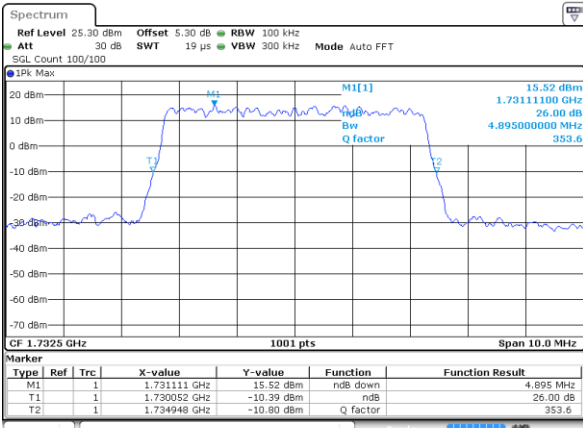
Date: 20.OCT.2018 16:26:56

Lowest Channel / 5MHz / 16QAM



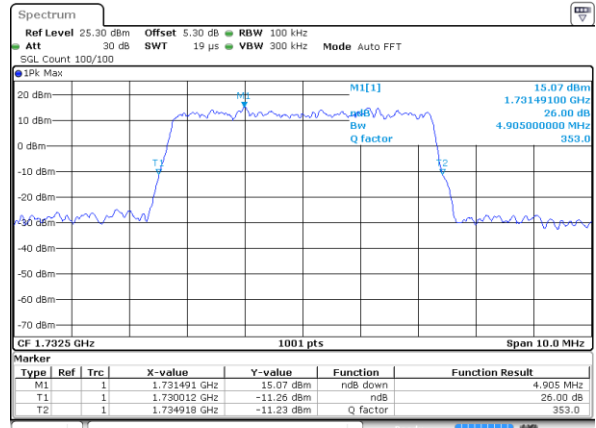
Date: 20.OCT.2018 16:27:06

Middle Channel / 5MHz / QPSK



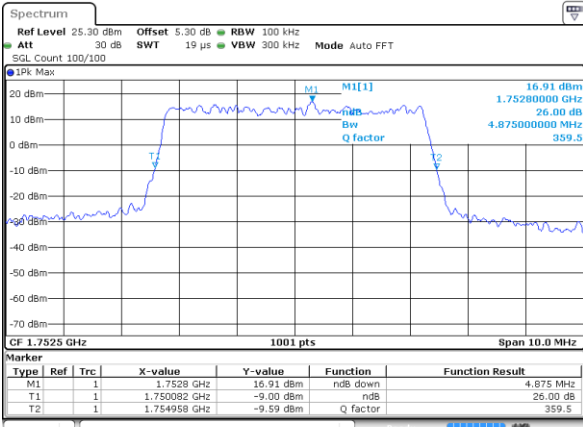
Date: 20.OCT.2018 16:33:55

Middle Channel / 5MHz / 16QAM



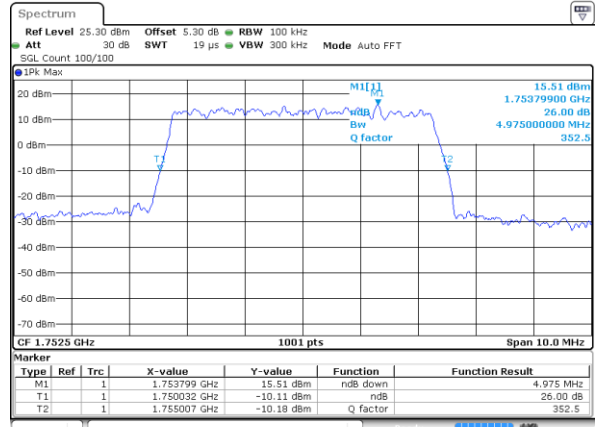
Date: 20.OCT.2018 16:34:05

Highest Channel / 5MHz / QPSK



Date: 20.OCT.2018 16:36:25

Highest Channel / 5MHz / 16QAM



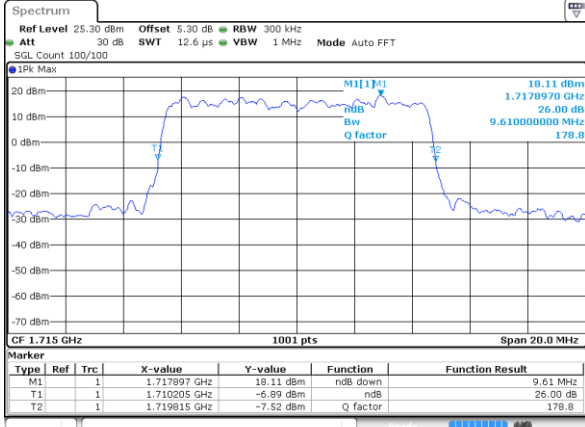
Date: 20.OCT.2018 16:36:35





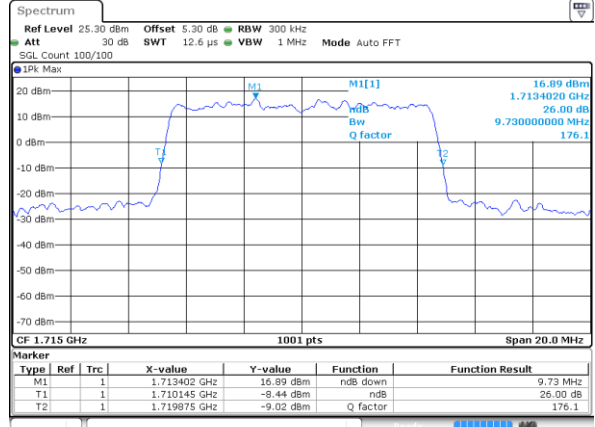
LTE Band 4

Lowest Channel / 10MHz / QPSK



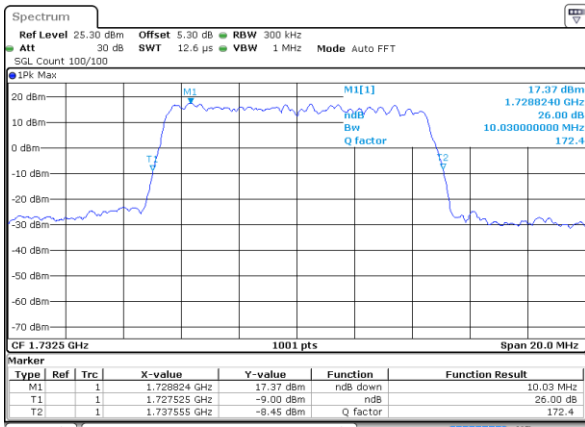
Date: 20.OCT.2018 16:43:24

Lowest Channel / 10MHz / 16QAM



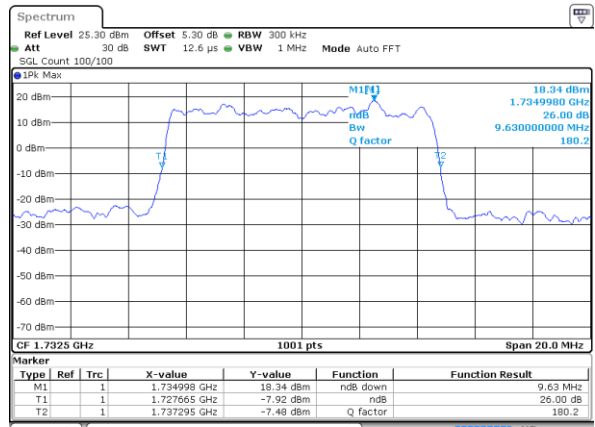
Date: 20.OCT.2018 16:43:34

Middle Channel / 10MHz / QPSK



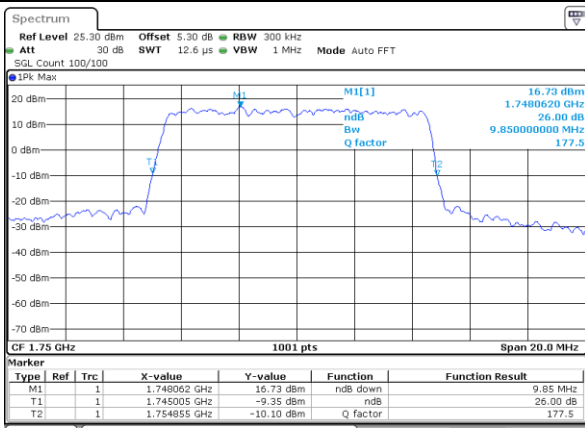
Date: 20.OCT.2018 16:50:23

Middle Channel / 10MHz / 16QAM



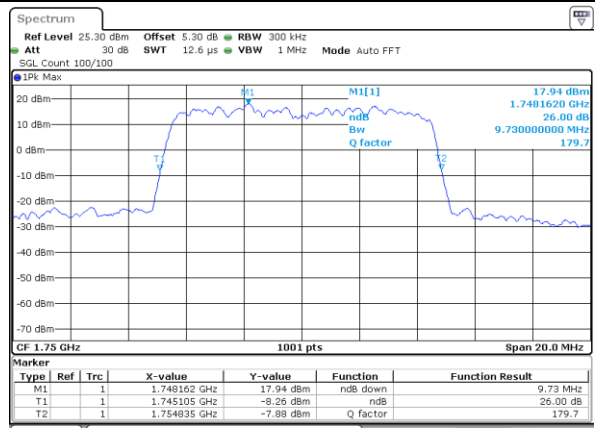
Date: 20.OCT.2018 16:50:33

Highest Channel / 10MHz / QPSK



Date: 20.OCT.2018 16:52:52

Highest Channel / 10MHz / 16QAM

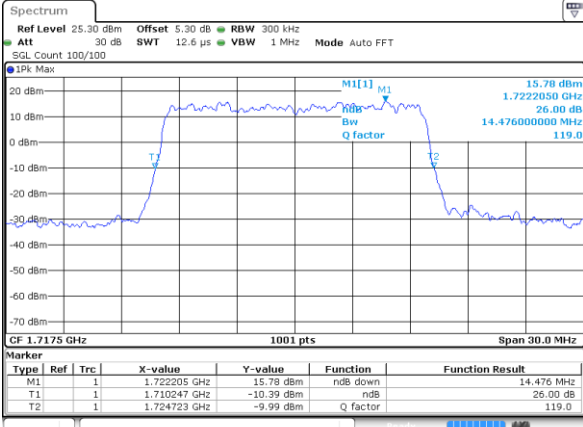


Date: 20.OCT.2018 16:53:02



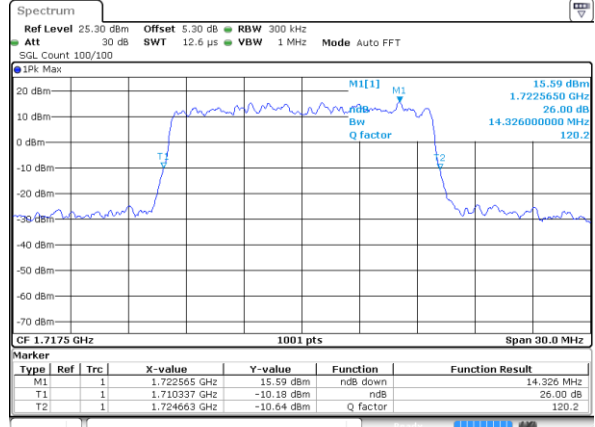
LTE Band 4

Lowest Channel / 15MHz / QPSK



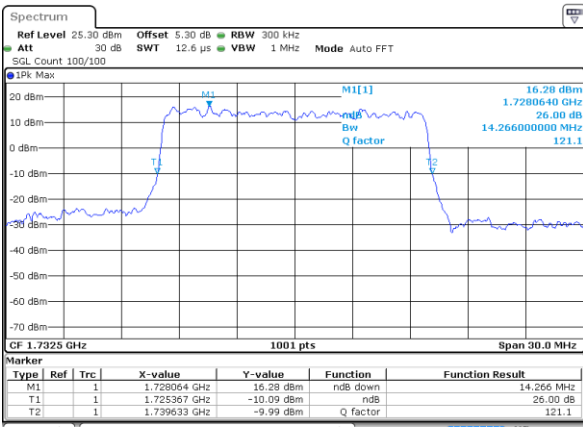
Date: 20.OCT.2018 16:59:52

Lowest Channel / 15MHz / 16QAM



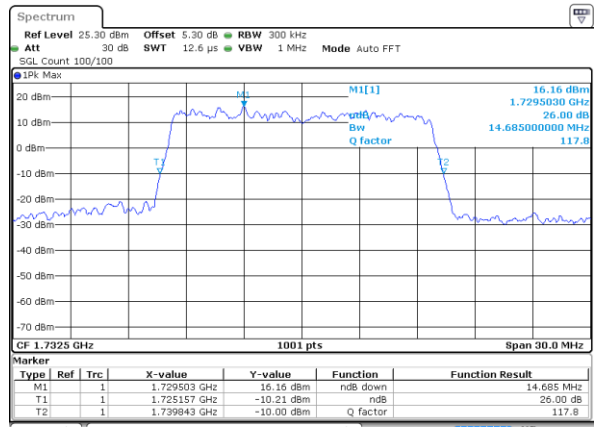
Date: 20.OCT.2018 17:00:02

Middle Channel / 15MHz / QPSK



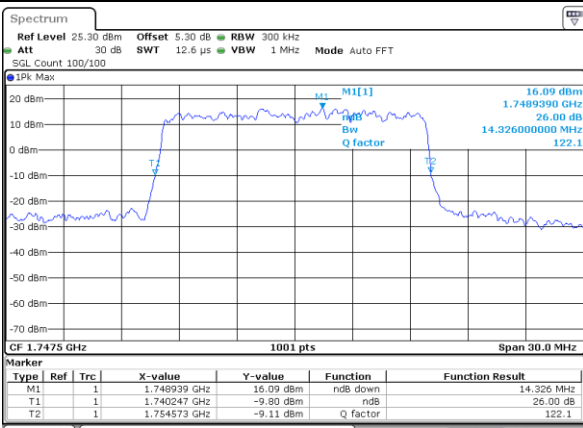
Date: 20.OCT.2018 17:06:51

Middle Channel / 15MHz / 16QAM



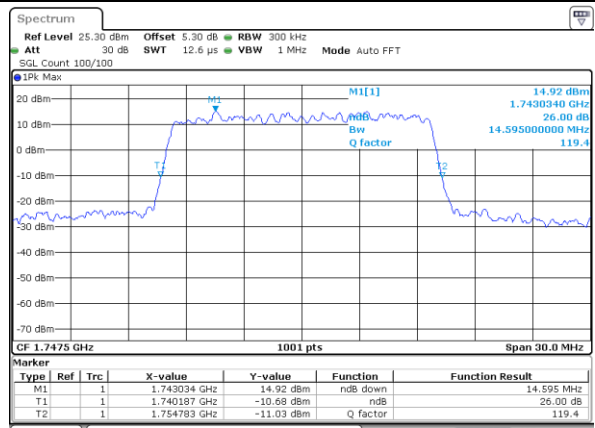
Date: 20.OCT.2018 17:07:01

Highest Channel / 15MHz / QPSK



Date: 20.OCT.2018 17:09:20

Highest Channel / 15MHz / 16QAM



Date: 20.OCT.2018 17:09:30