

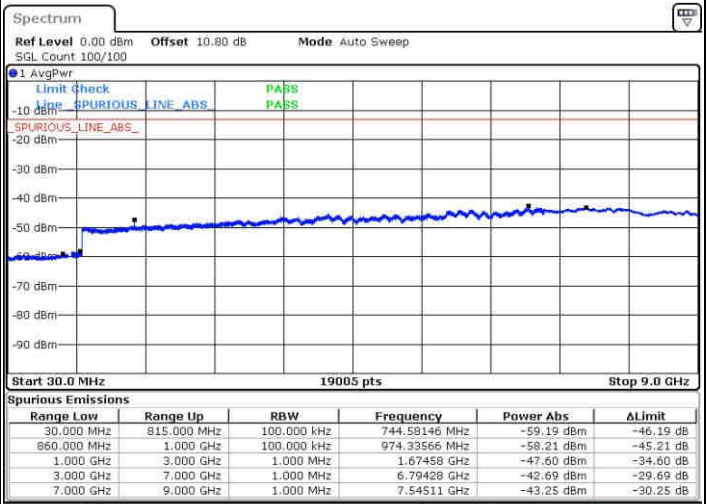
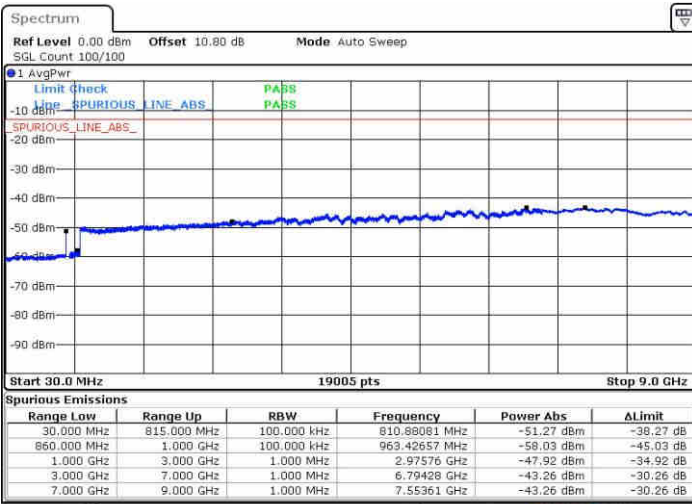


LTE Band 5 / 5MHz+3MHz

64QAM

Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0

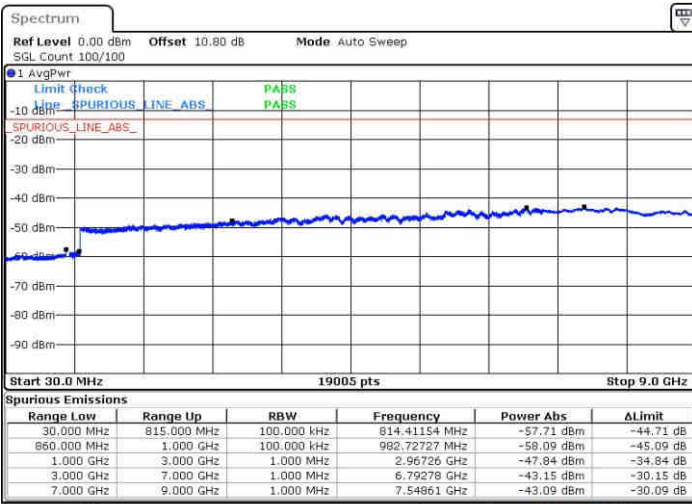


Date: 19 APR 2019 08:31:06

Date: 19 APR 2019 08:37:20

Middle Channel / FullIRB

N/A



Date: 19 APR 2019 08:29:51

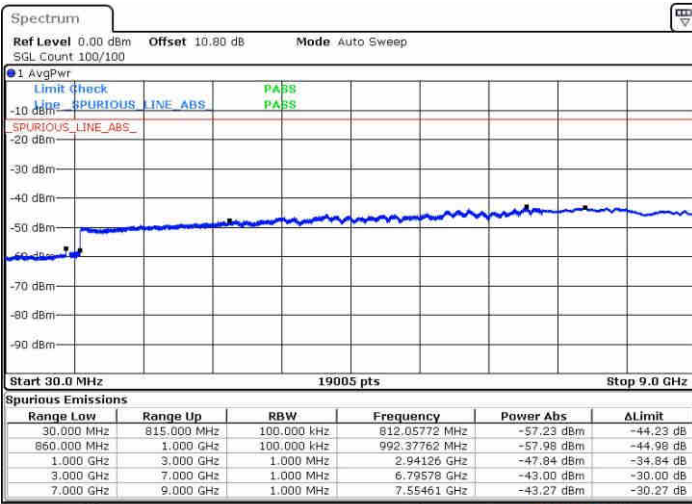


LTE Band 5 / 5MHz+3MHz

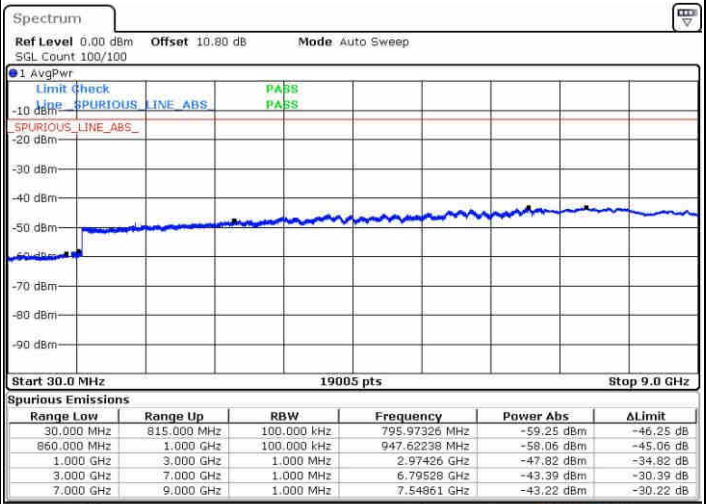
64QAM

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



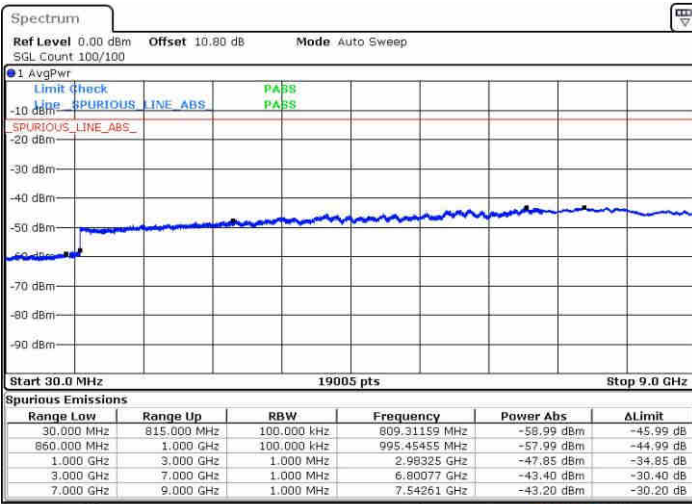
Date: 19 APR 2019 09:08:24



Date: 19 APR 2019 09:07:10

Highest Channel / FullIRB

N/A



Date: 19 APR 2019 09:14:39

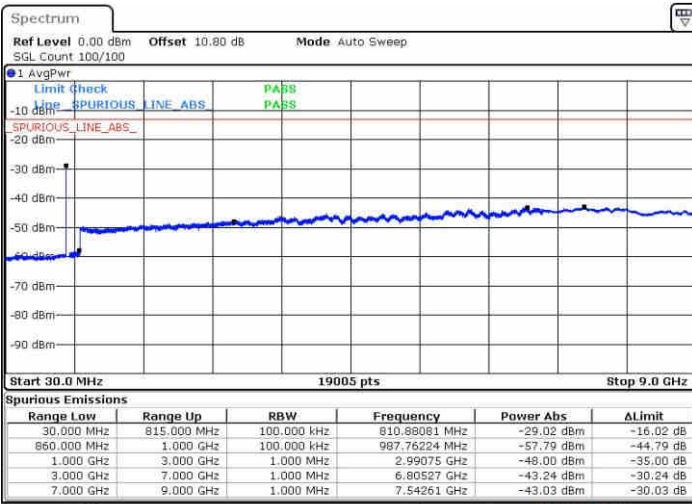


LTE Band 5 / 5MHz+10MHz

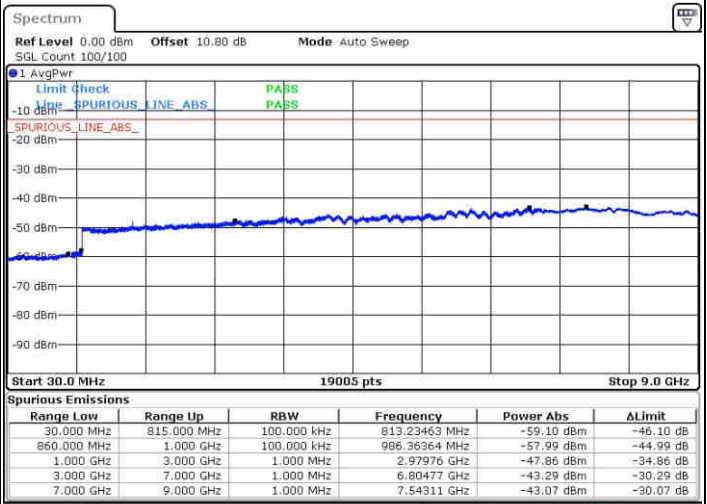
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0



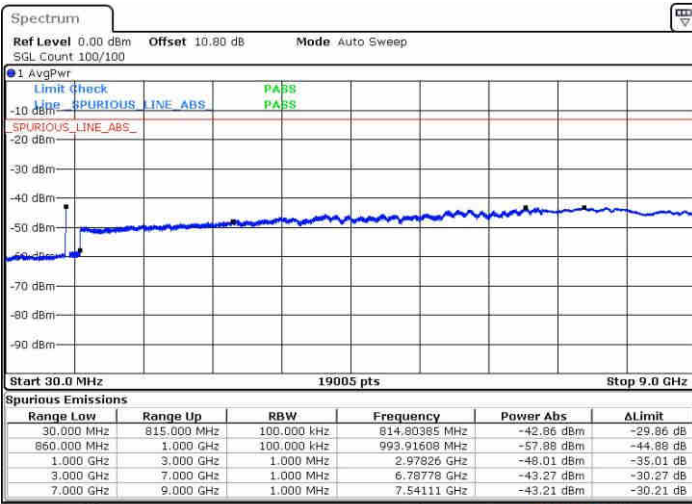
Date: 19 APR 2019 14:52:43



Date: 19 APR 2019 14:48:31

Lowest Channel / FullIRB

N/A



Date: 19 APR 2019 14:53:34

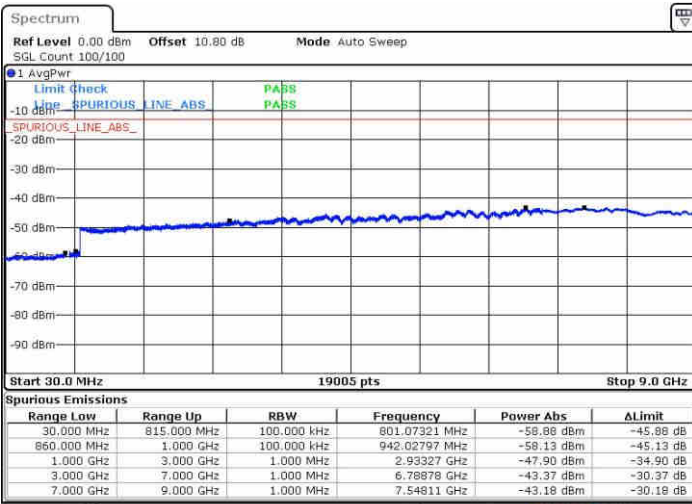


LTE Band 5 / 5MHz+10MHz

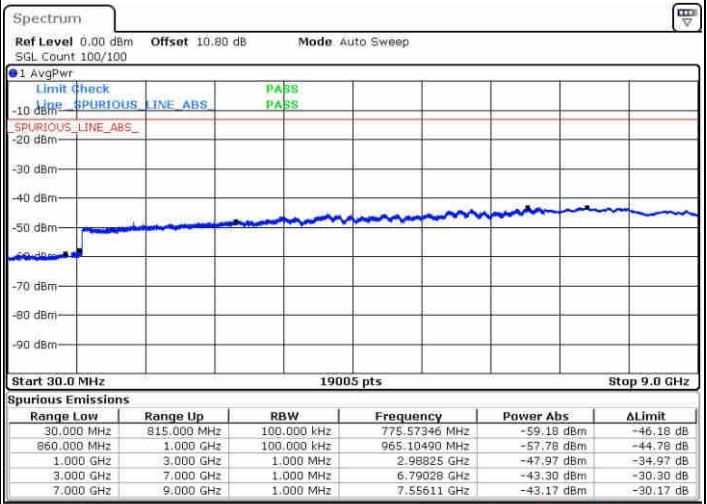
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



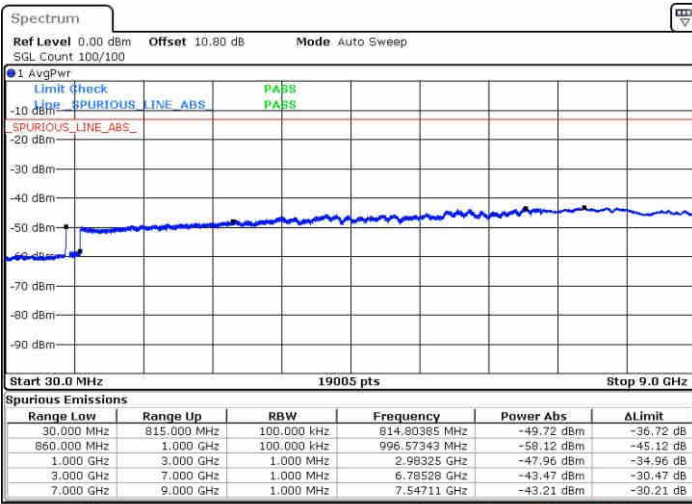
Date: 19 APR 2019 15:38:09



Date: 19 APR 2019 15:42:22

Middle Channel / FullIRB

N/A



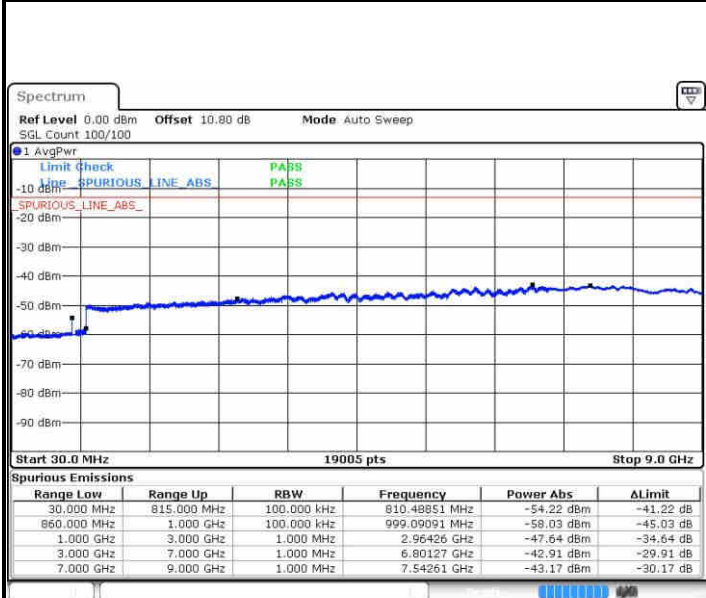
Date: 19 APR 2019 15:37:19



LTE Band 5 / 5MHz+10MHz

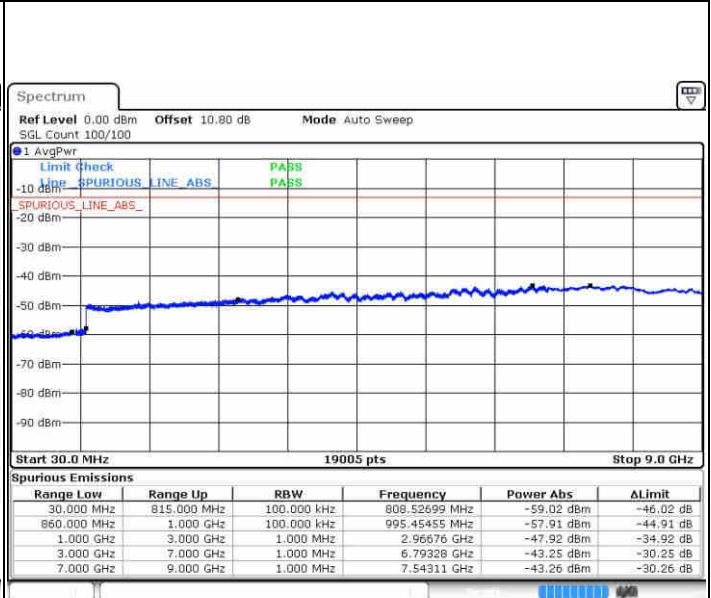
64QAM

Highest Channel / 1RB0 and 1RB49



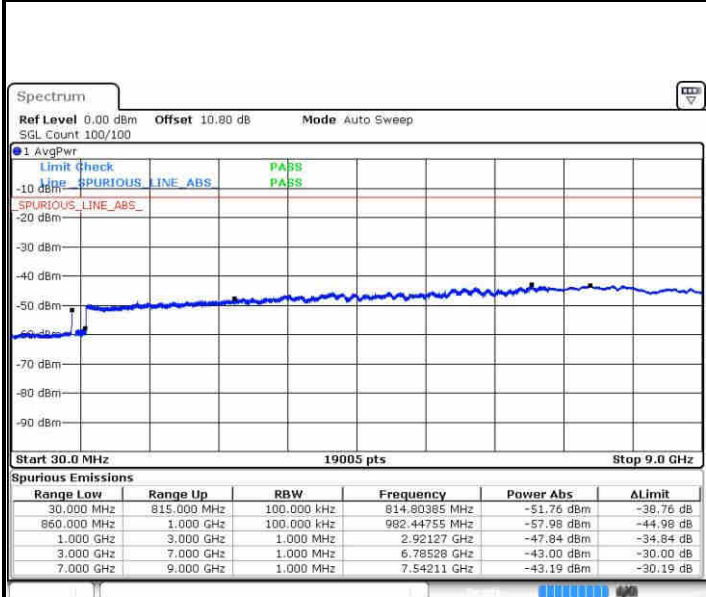
Date: 19 APR 2019 16:13:16

Highest Channel / 1RB24 and 1RB0



Date: 19 APR 2019 16:12:25

Highest Channel / FullIRB



Date: 19 APR 2019 16:17:30

N/A

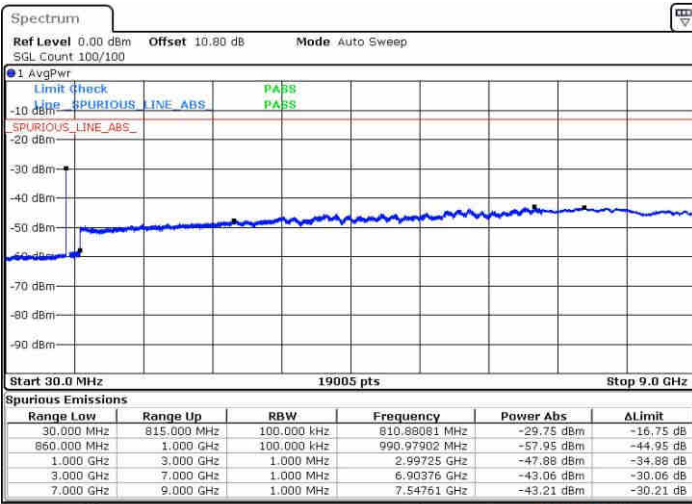


LTE Band 5 / 10MHz+5MHz

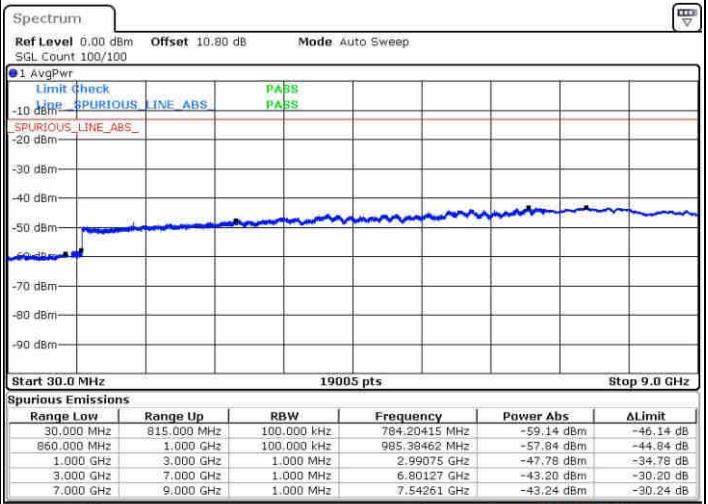
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0



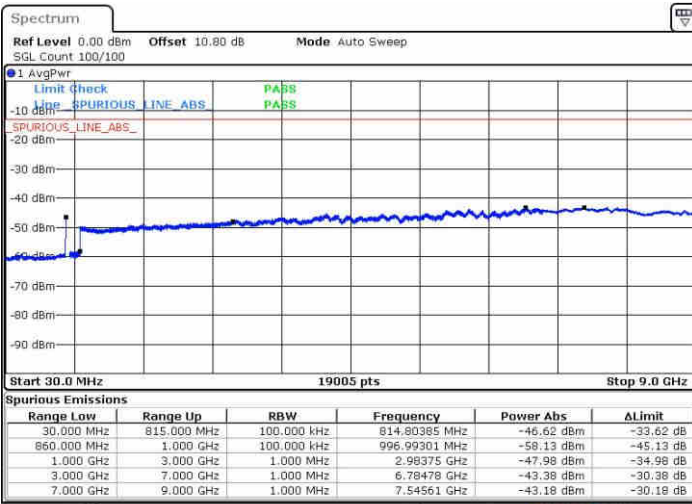
Date: 19 APR 2019 18:12:56



Date: 19 APR 2019 16:45:04

Lowest Channel / FullIRB

N/A



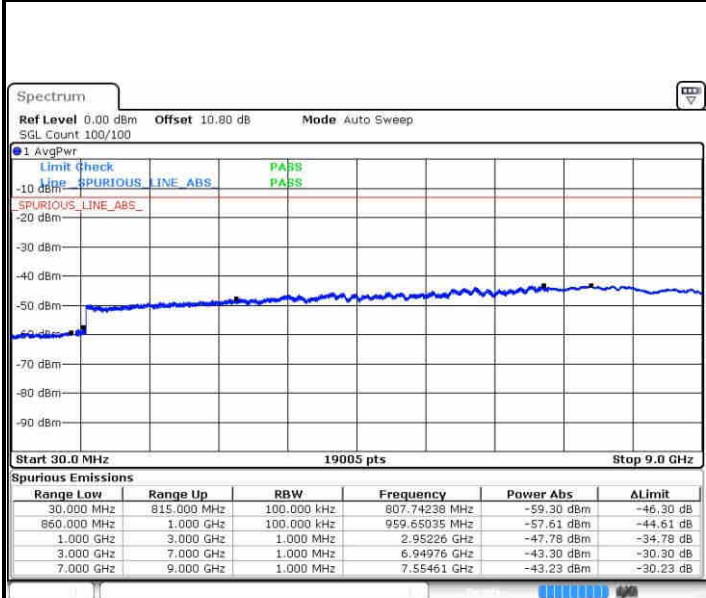
Date: 19 APR 2019 18:13:47



LTE Band 5 / 10MHz+5MHz

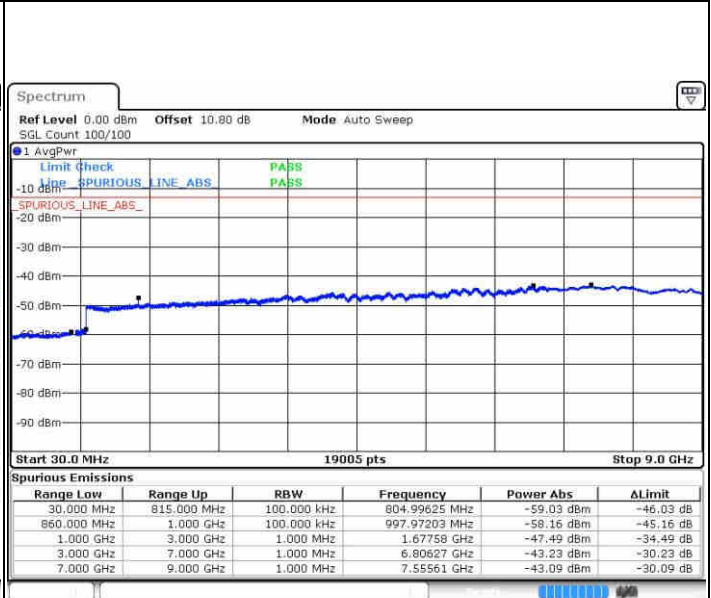
64QAM

Middle Channel / 1RB0 and 1RB24



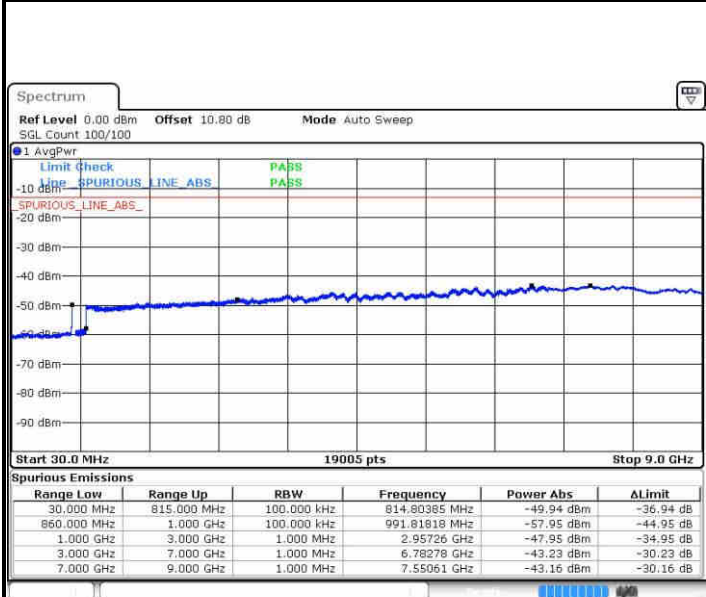
Date: 19 APR 2019 18:23:05

Middle Channel / 1RB49 and 1RB0



Date: 19 APR 2019 18:27:15

Middle Channel / FullIRB



Date: 19 APR 2019 18:22:15

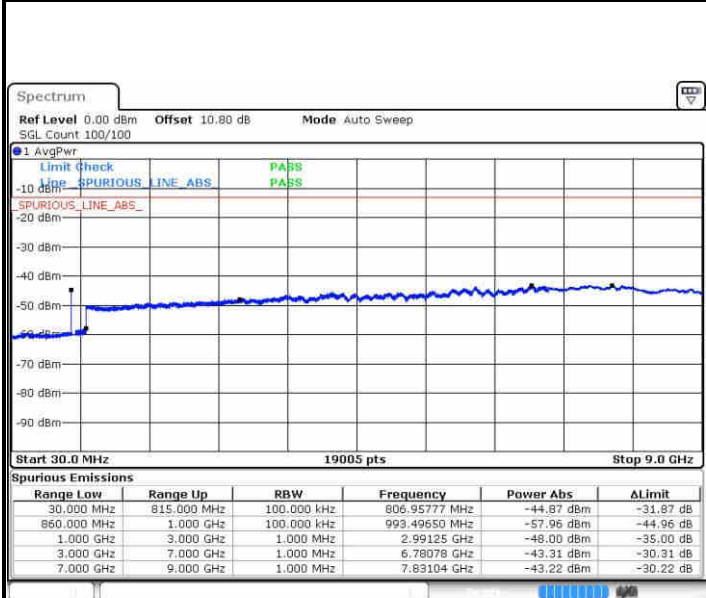
N/A



LTE Band 5 / 10MHz+5MHz

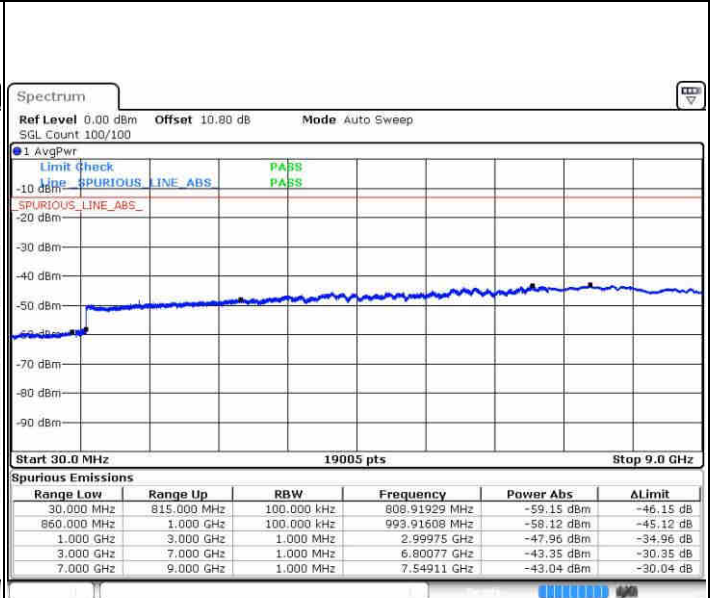
64QAM

Highest Channel / 1RB0 and 1RB24



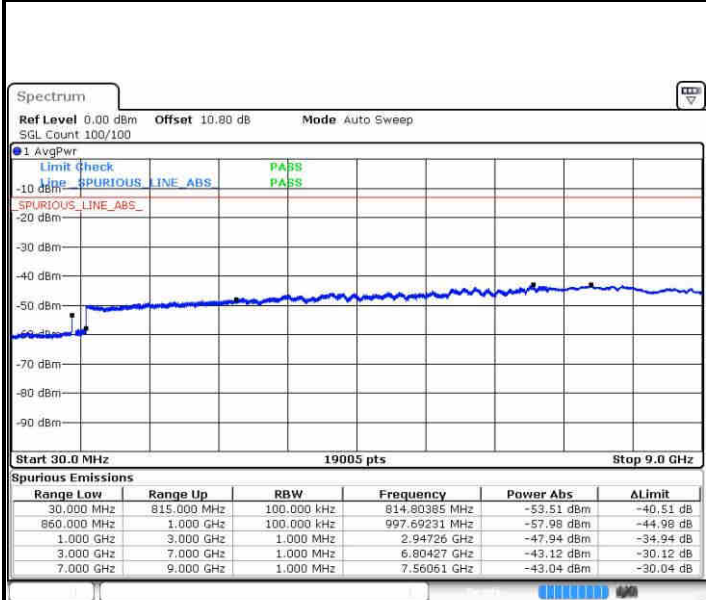
Date: 19 APR 2019 19:00:23

Highest Channel / 1RB49 and 1RB0



Date: 19 APR 2019 18:59:34

Highest Channel / FullIRB



Date: 19 APR 2019 19:04:33

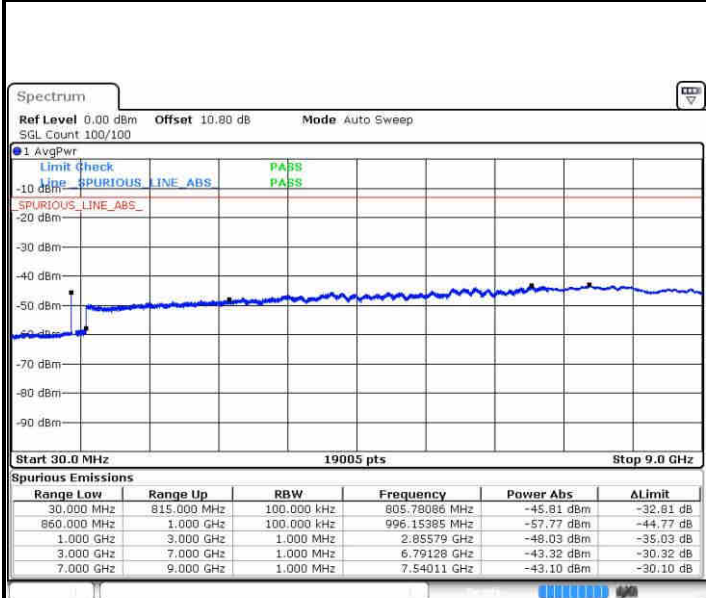
N/A



LTE Band 5 / 10MHz+10MHz

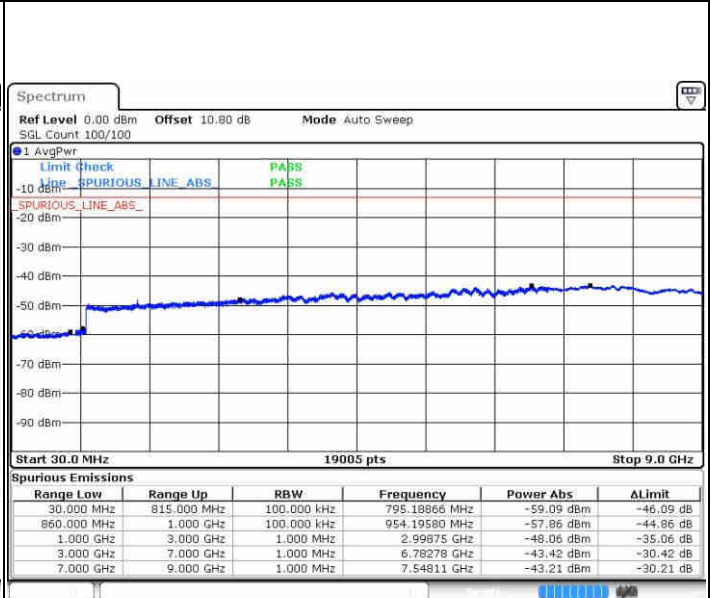
64QAM

Lowest Channel / 1RB0 and 1RB49



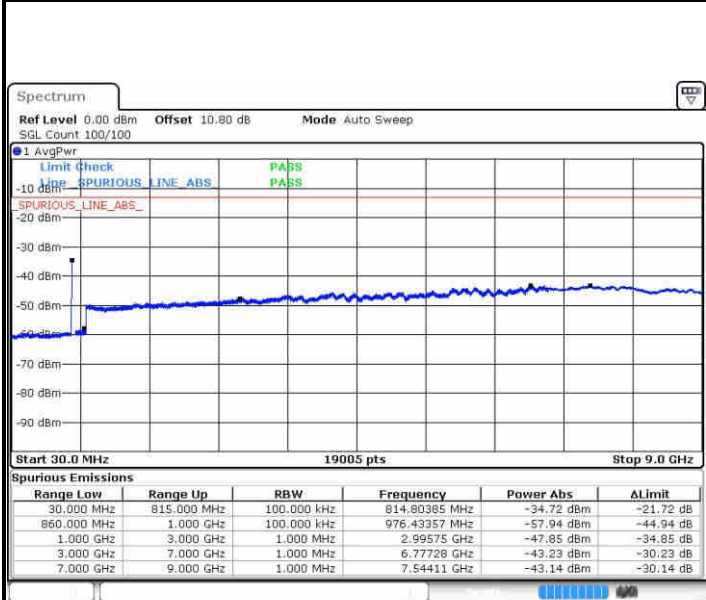
Date: 19 APR 2019 09:59:41

Lowest Channel / 1RB49 and 1RB0



Date: 19 APR 2019 09:53:27

Lowest Channel / FullIRB



Date: 19 APR 2019 10:00:56

N/A

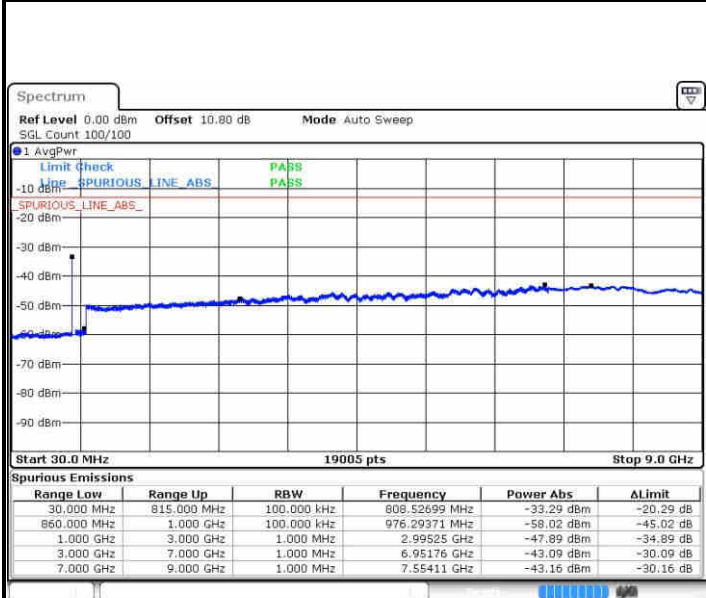




LTE Band 5 / 10MHz+10MHz

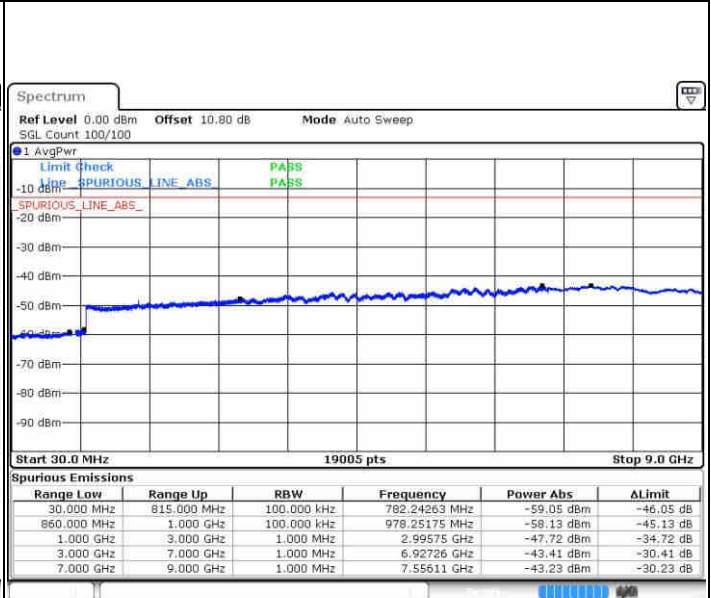
64QAM

Middle Channel / 1RB0 and 1RB49



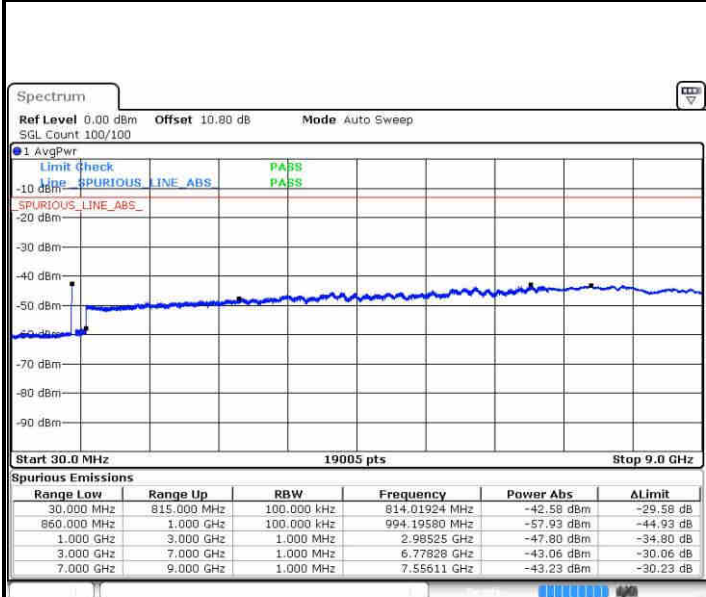
Date: 19 APR 2019 10:13:31

Middle Channel / 1RB49 and 1RB0



Date: 19 APR 2019 10:19:46

Middle Channel / FullIRB



Date: 19 APR 2019 10:12:16

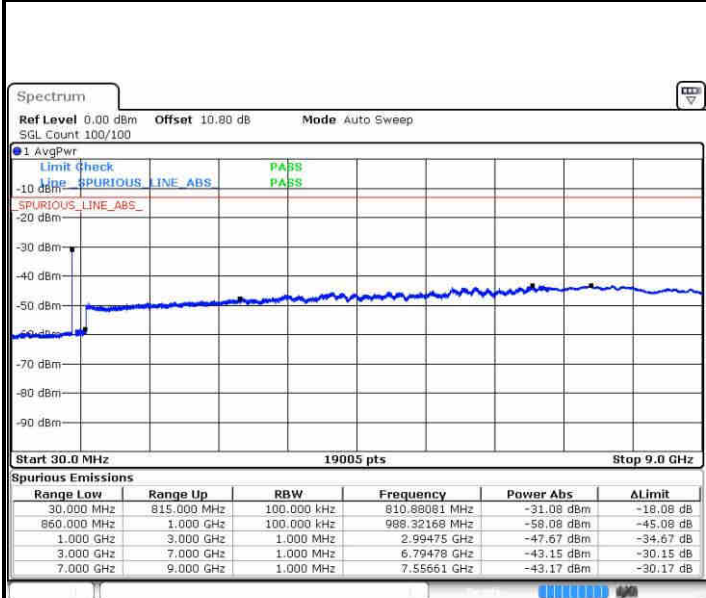
N/A



LTE Band 5 / 10MHz+10MHz

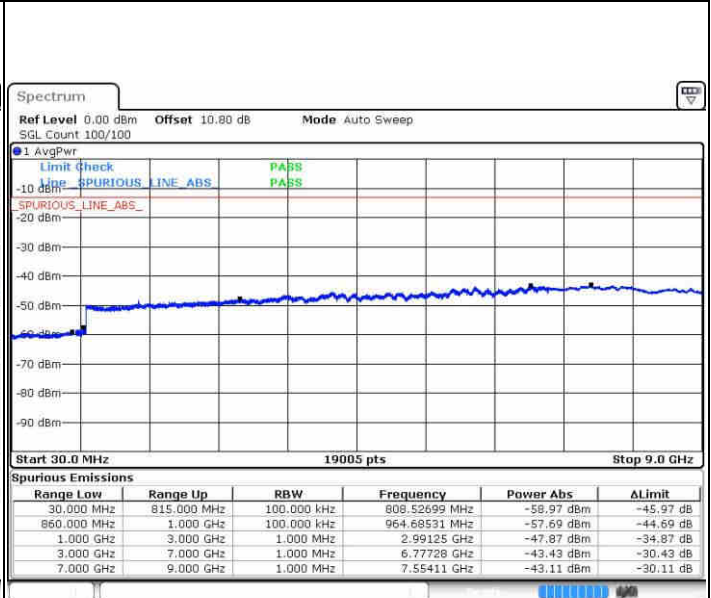
64QAM

Highest Channel / 1RB0 and 1RB49



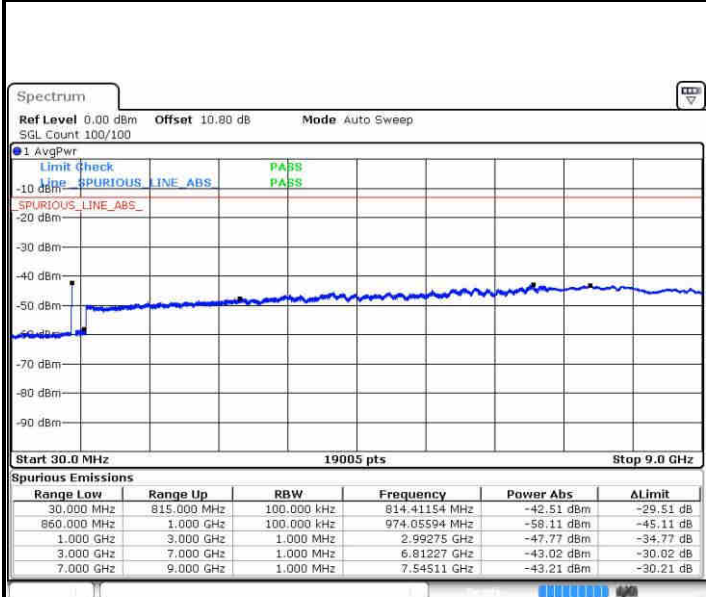
Date: 19 APR 2019 10:50:49

Highest Channel / 1RB49 and 1RB0



Date: 19 APR 2019 10:49:34

Highest Channel / FullIRB



Date: 19 APR 2019 10:57:04

N/A



LTE Band 7

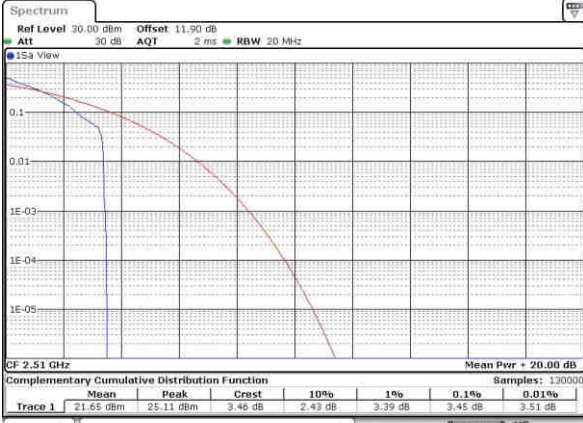
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.84	4.14	5.77	PASS
Middle CH	3.51	4.81	3.97	5.80	
Highest CH	3.54	4.72	3.83	5.71	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.25	6.17	-	-	PASS
Middle CH	5.25	6.20	-	-	
Highest CH	5.10	6.32	-	-	



LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 14 APR 2019 23:17:23

Lowest Channel / Full RB



Date: 14 APR 2019 23:17:33

Middle Channel / 1RB



Date: 14 APR 2019 23:17:44

Middle Channel / Full RB



Date: 14 APR 2019 23:17:54

Highest Channel / 1RB



Date: 14 APR 2019 23:18:05

Highest Channel / Full RB

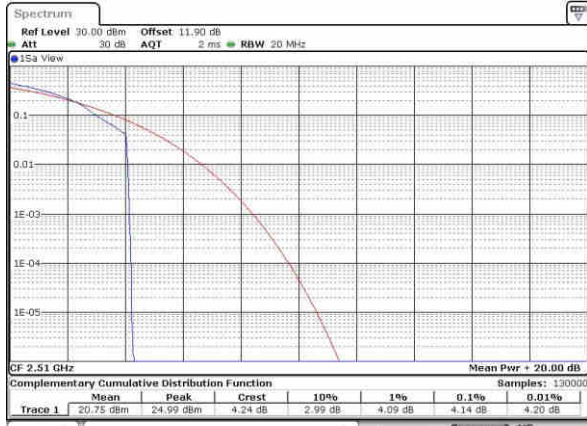


Date: 14 APR 2019 23:18:15



LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



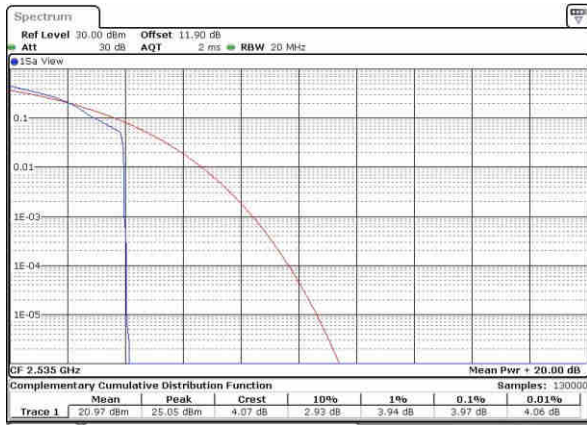
Date: 14 APR 2019 23:15:06

Lowest Channel / Full RB



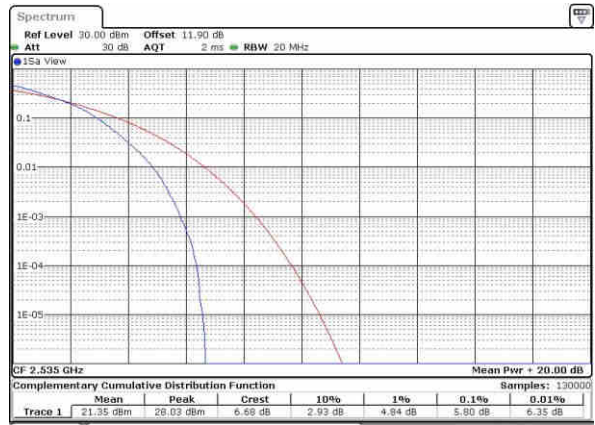
Date: 14 APR 2019 23:15:31

Middle Channel / 1RB



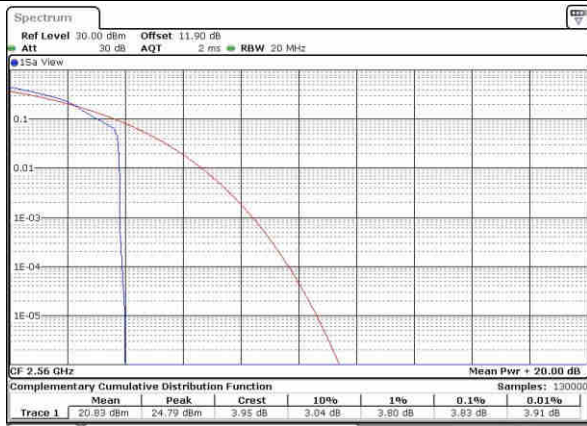
Date: 14 APR 2019 23:16:40

Middle Channel / Full RB



Date: 14 APR 2019 23:16:50

Highest Channel / 1RB



Date: 14 APR 2019 23:17:01

Highest Channel / Full RB

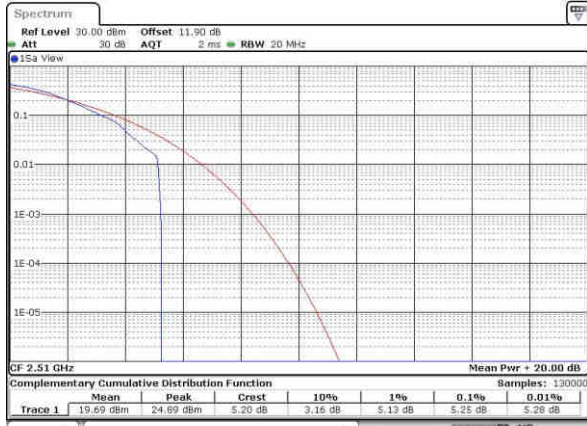


Date: 14 APR 2019 23:17:12



LTE Band 7 / 20MHz / 64QAM

Lowest Channel / 1RB



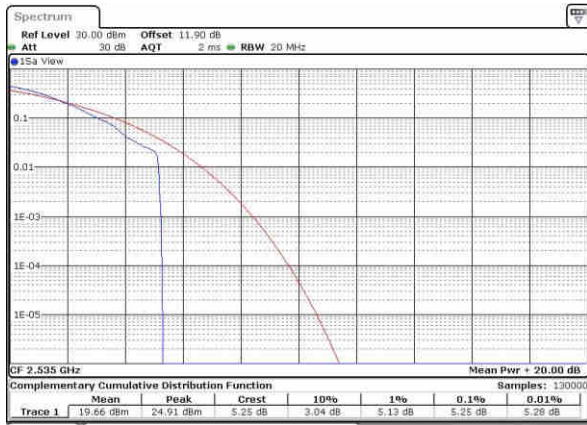
Date: 14 APR 2019 23:18:26

Lowest Channel / Full RB



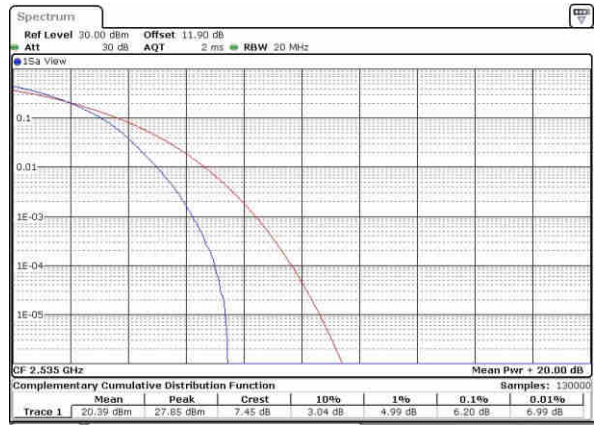
Date: 14 APR 2019 23:18:37

Middle Channel / 1RB



Date: 14 APR 2019 23:18:48

Middle Channel / Full RB



Date: 14 APR 2019 23:18:58

Highest Channel / 1RB



Date: 14 APR 2019 23:19:05

Highest Channel / Full RB



Date: 14 APR 2019 23:19:19



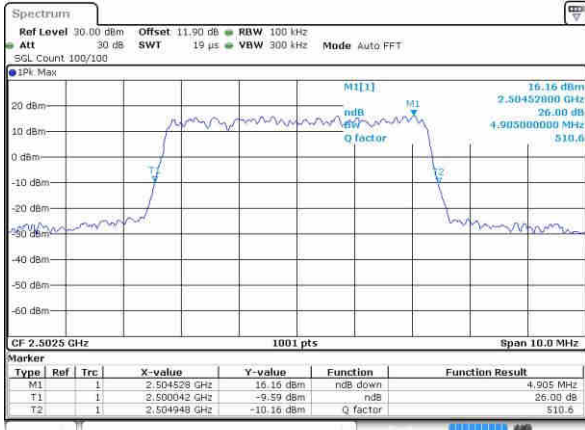
26dB Bandwidth

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	-	-	-	-	4.91	4.87	9.67	9.83	14.24	14.63	19.22	19.26
Middle CH	-	-	-	-	4.89	4.97	9.93	9.75	14.57	14.57	19.18	19.22
Highest CH	-	-	-	-	4.93	4.86	9.77	9.77	14.33	14.39	18.94	18.90
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.94	-	9.97	-	14.42	-	18.98	-
Middle CH	-	-	-	-	4.86	-	9.87	-	14.51	-	18.70	-
Highest CH	-	-	-	-	4.91	-	9.83	-	14.21	-	19.10	-



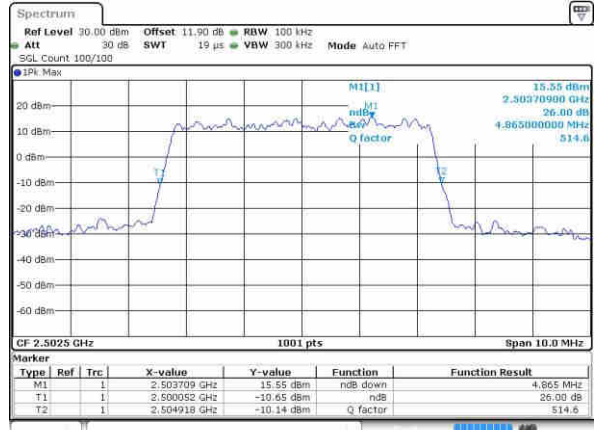
LTE Band 7

Lowest Channel / 5MHz / QPSK



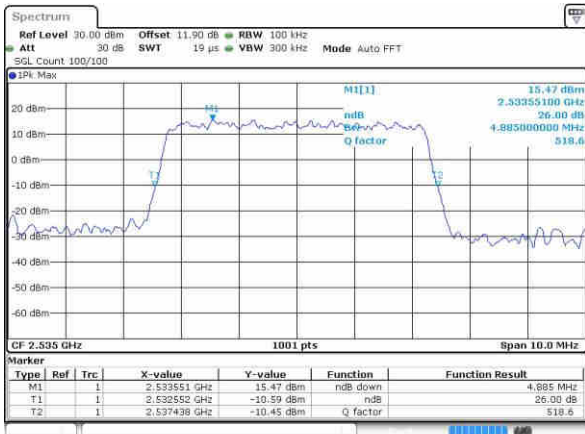
Date: 14 APR 2019 22:01:17

Lowest Channel / 5MHz / 16QAM



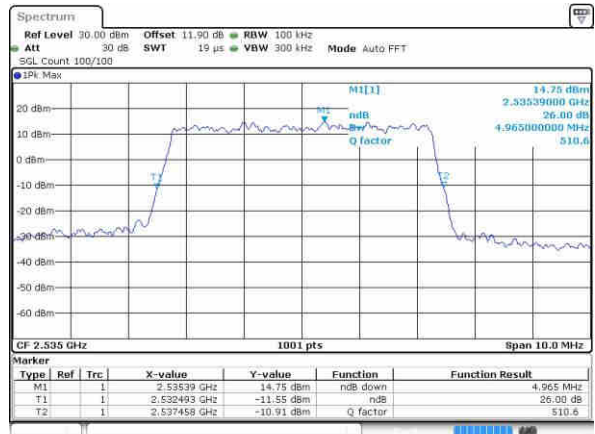
Date: 14 APR 2019 22:01:29

Middle Channel / 5MHz / QPSK



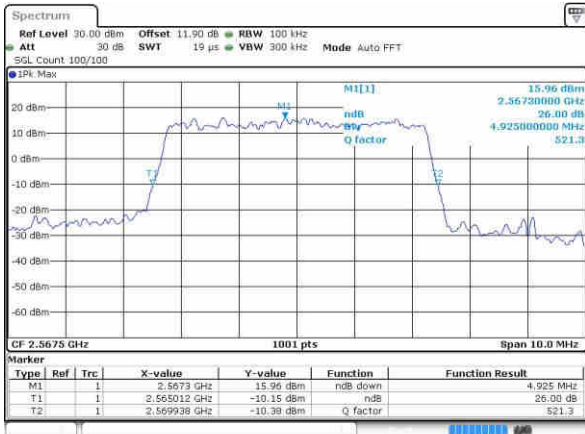
Date: 14 APR 2019 22:05:39

Middle Channel / 5MHz / 16QAM



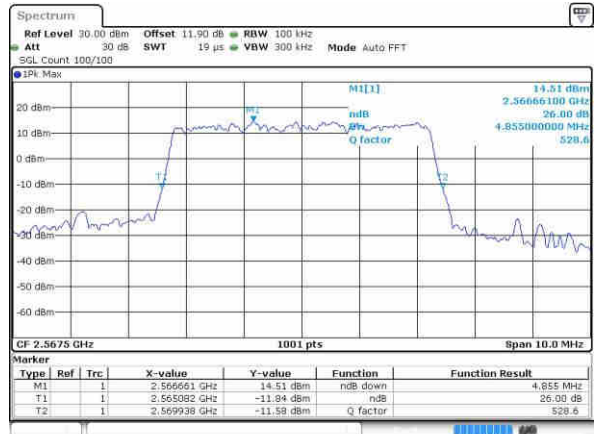
Date: 14 APR 2019 22:05:50

Highest Channel / 5MHz / QPSK



Date: 14 APR 2019 22:07:53

Highest Channel / 5MHz / 16QAM

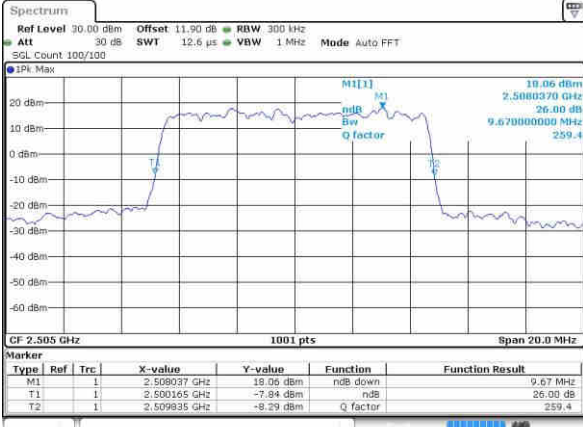


Date: 14 APR 2019 22:08:06



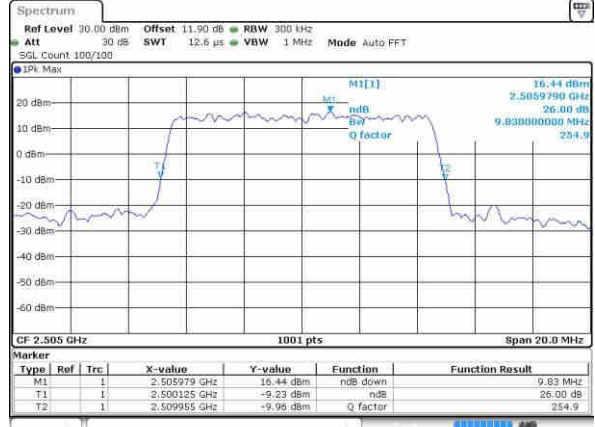
LTE Band 7

Lowest Channel / 10MHz / QPSK



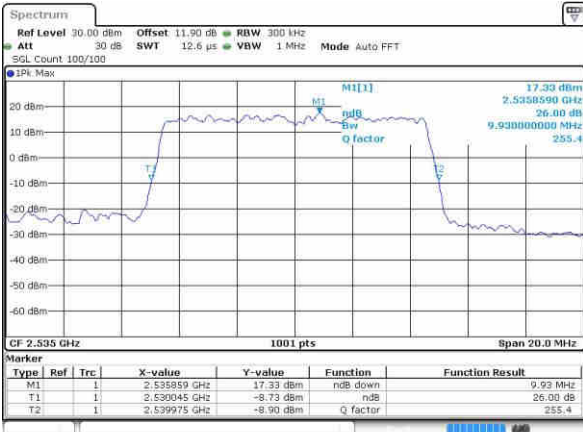
Date: 14 APR 2019 22:17:49

Lowest Channel / 10MHz / 16QAM



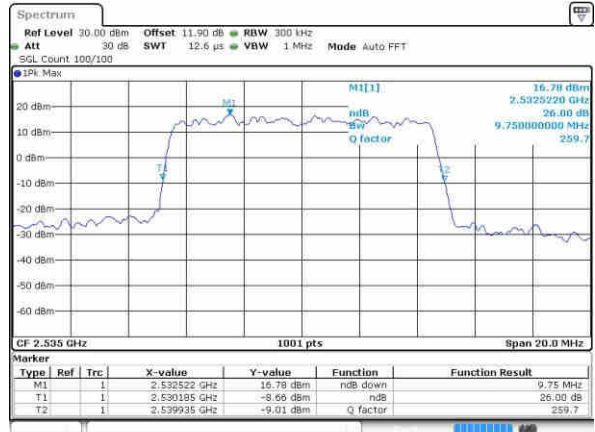
Date: 14 APR 2019 22:18:01

Middle Channel / 10MHz / QPSK



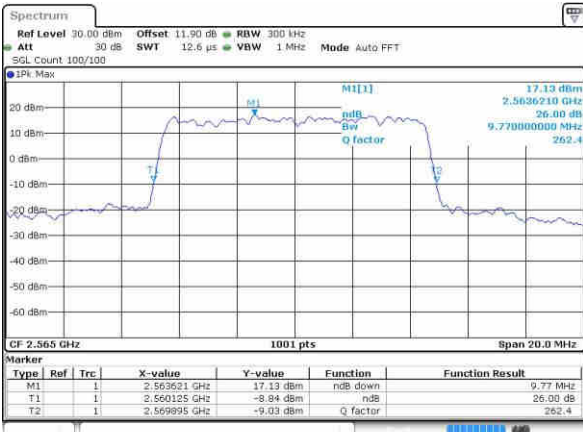
Date: 14 APR 2019 22:22:11

Middle Channel / 10MHz / 16QAM



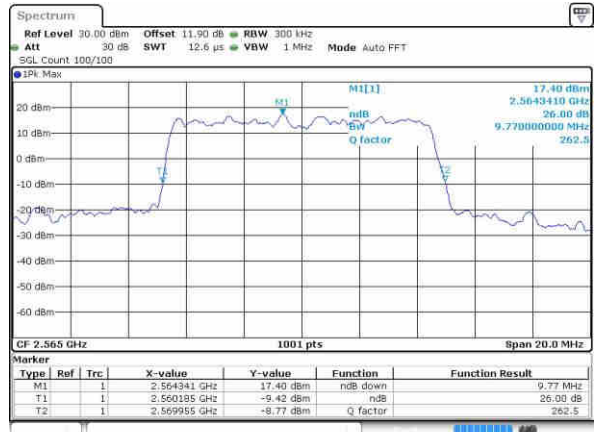
Date: 14 APR 2019 22:22:23

Highest Channel / 10MHz / QPSK



Date: 14 APR 2019 22:24:26

Highest Channel / 10MHz / 16QAM

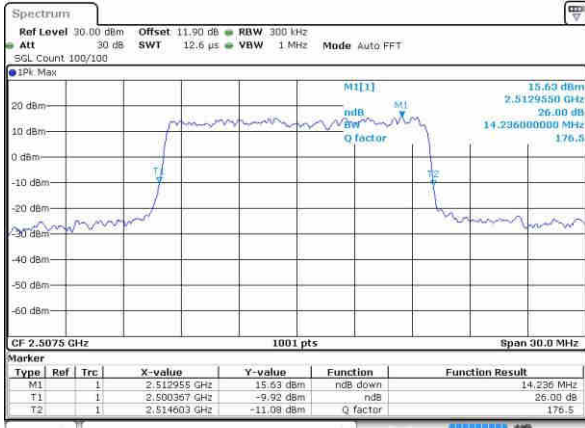


Date: 14 APR 2019 22:24:38



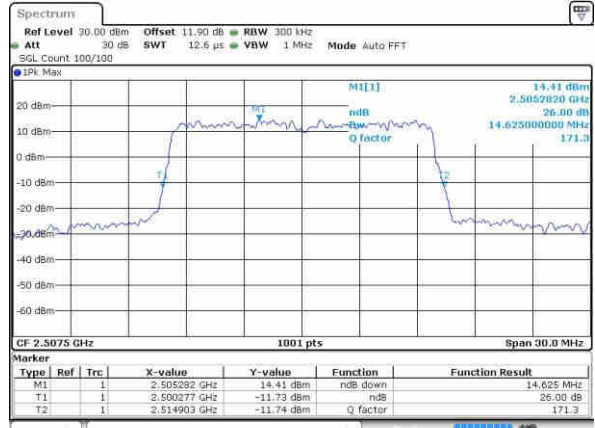
LTE Band 7

Lowest Channel / 15MHz / QPSK



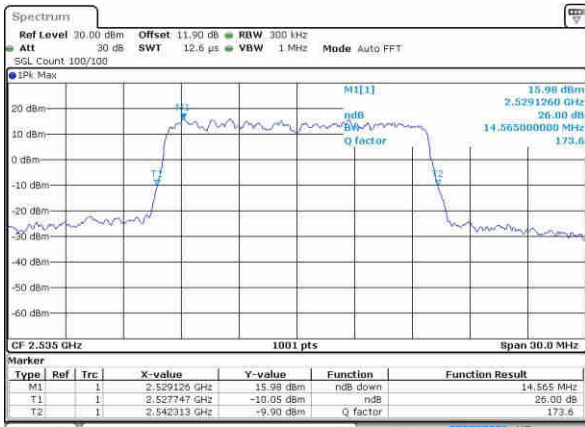
Date: 14 APR 2019 22:34:21

Lowest Channel / 15MHz / 16QAM



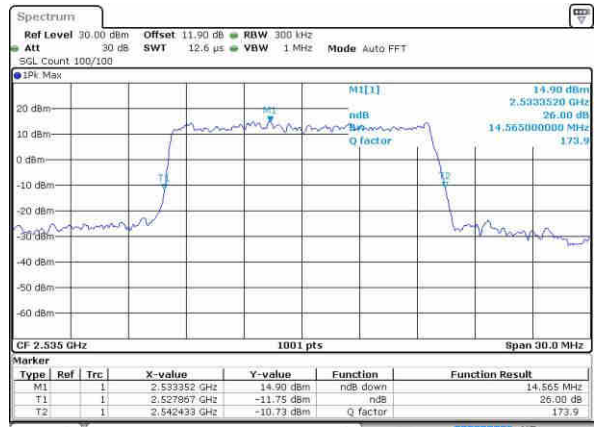
Date: 14 APR 2019 22:34:34

Middle Channel / 15MHz / QPSK



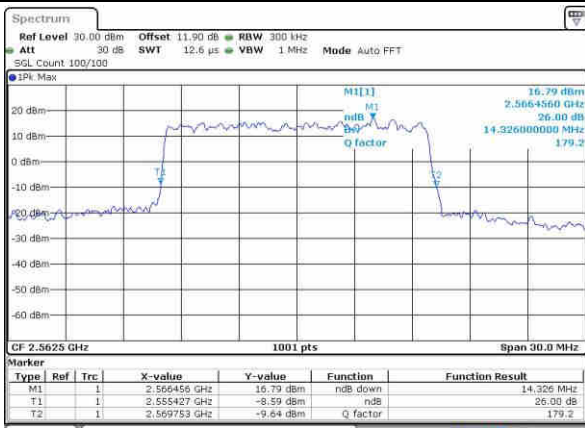
Date: 14 APR 2019 22:38:44

Middle Channel / 15MHz / 16QAM



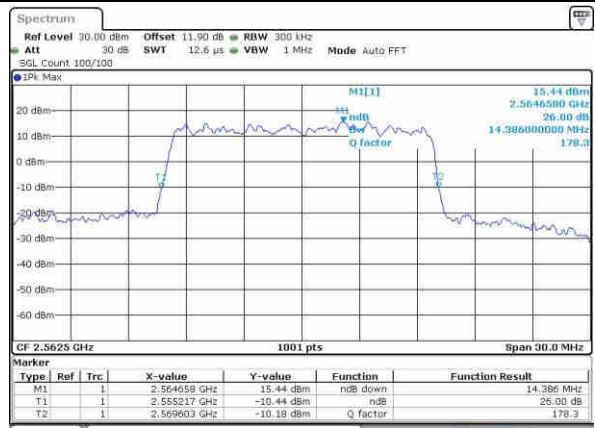
Date: 14 APR 2019 22:38:55

Highest Channel / 15MHz / QPSK



Date: 14 APR 2019 22:40:59

Highest Channel / 15MHz / 16QAM

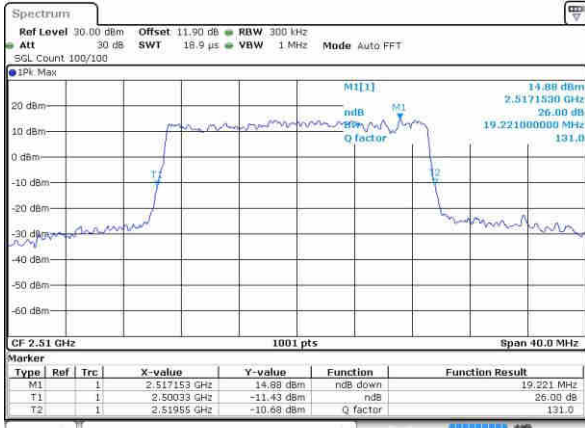


Date: 14 APR 2019 22:41:11



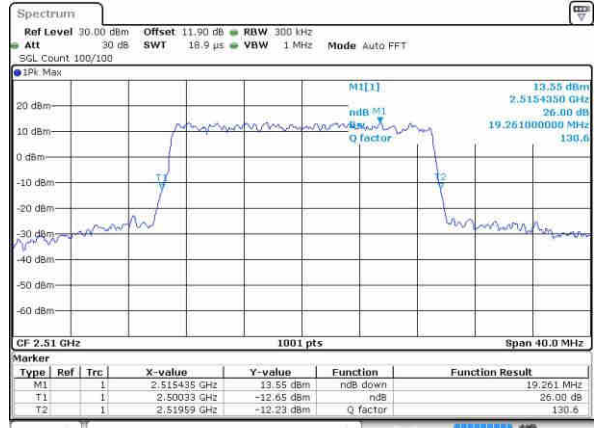
LTE Band 7

Lowest Channel / 20MHz / QPSK



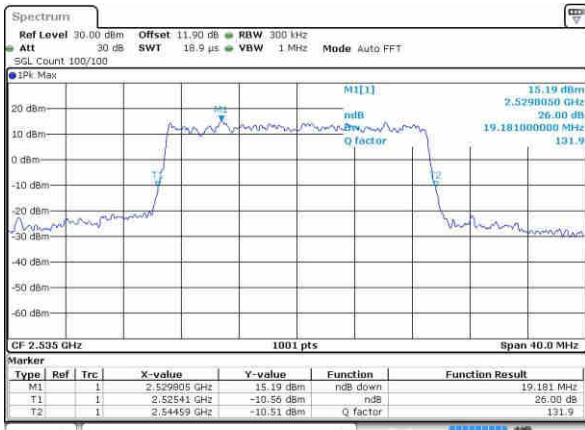
Date: 14 APR 2019 22:50:53

Lowest Channel / 20MHz / 16QAM



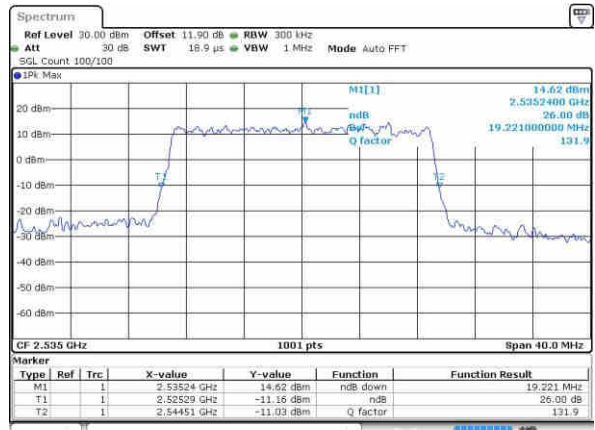
Date: 14 APR 2019 22:51:05

Middle Channel / 20MHz / QPSK



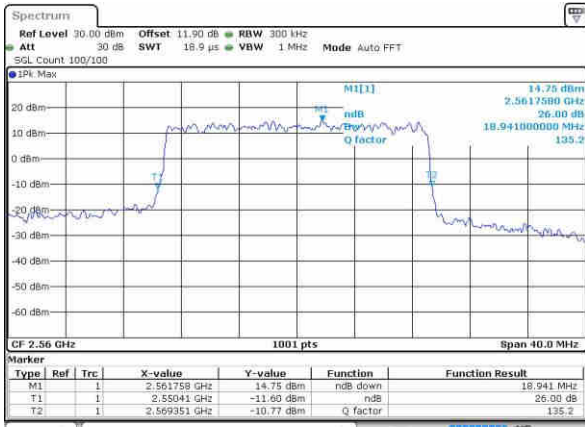
Date: 14 APR 2019 22:55:15

Middle Channel / 20MHz / 16QAM



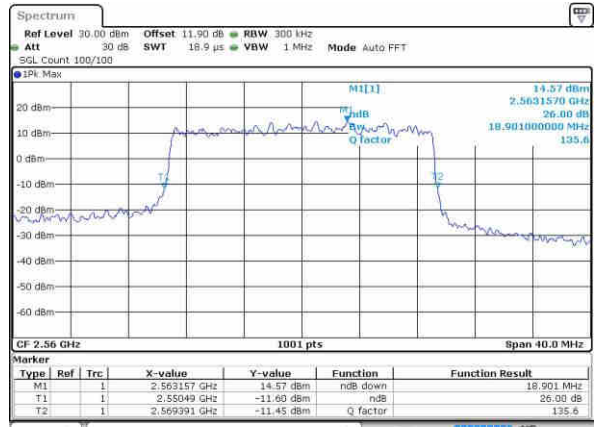
Date: 14 APR 2019 22:55:27

Highest Channel / 20MHz / QPSK



Date: 14 APR 2019 22:57:30

Highest Channel / 20MHz / 16QAM

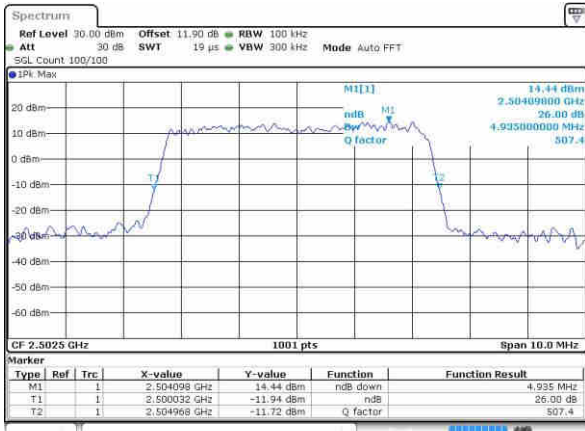


Date: 14 APR 2019 22:57:42



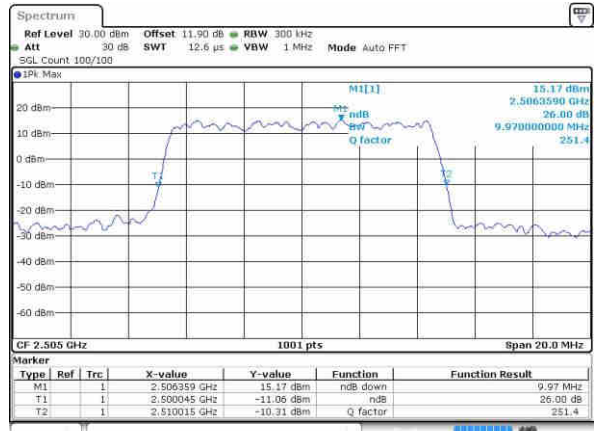
LTE Band 7

Lowest Channel / 5MHz / 64QAM



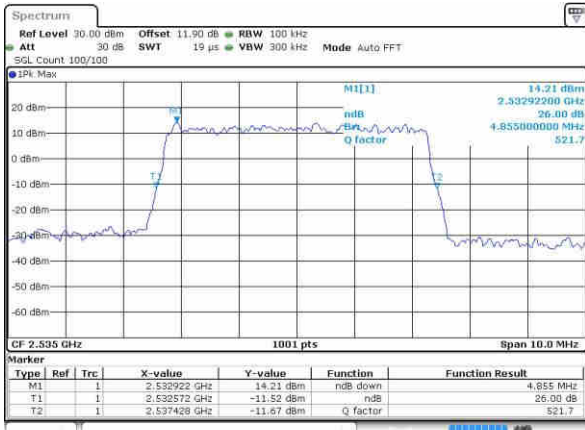
Date: 14 APR 2019 22:12:05

Lowest Channel / 10MHz / 64QAM



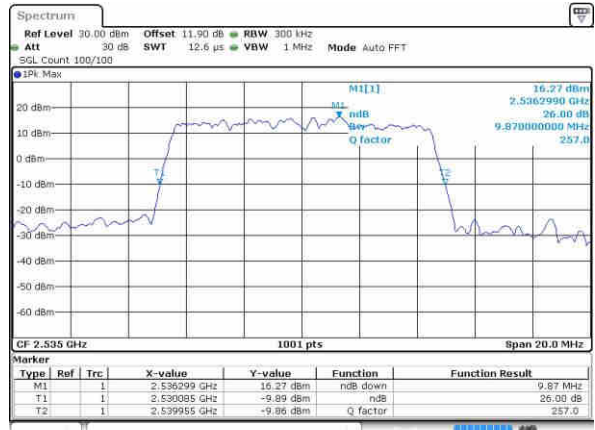
Date: 14 APR 2019 22:28:38

Middle Channel / 5MHz / 64QAM



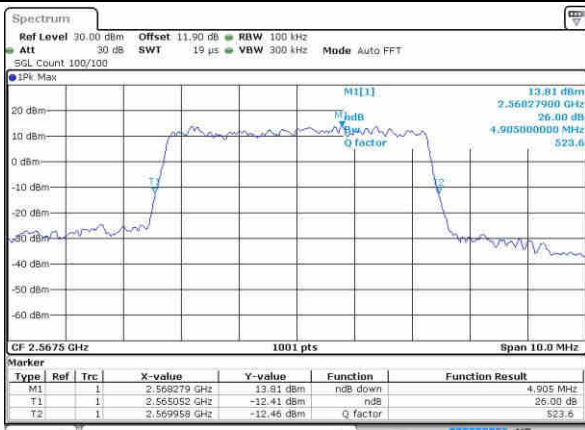
Date: 14 APR 2019 22:14:16

Middle Channel / 10MHz / 64QAM



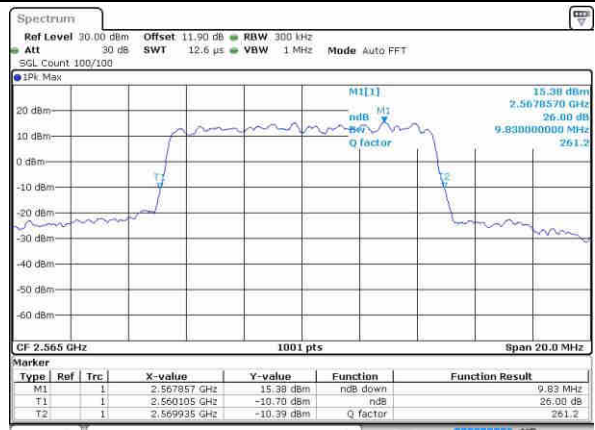
Date: 14 APR 2019 22:30:49

Highest Channel / 5MHz / 64QAM



Date: 14 APR 2019 22:15:24

Highest Channel / 10MHz / 64QAM

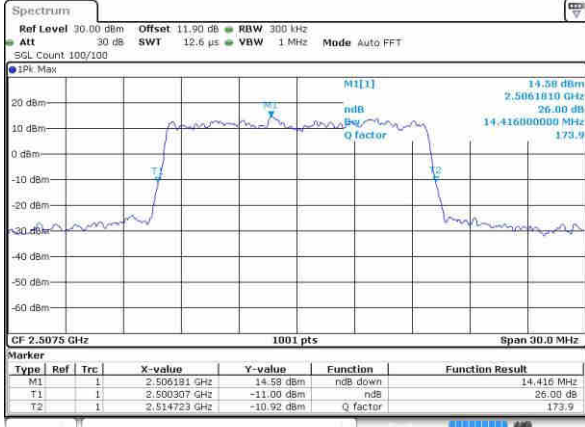


Date: 14 APR 2019 22:31:57



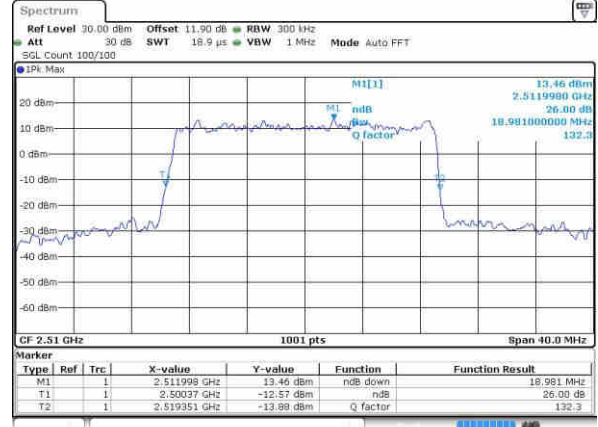
LTE Band 7

Lowest Channel / 15MHz / 64QAM



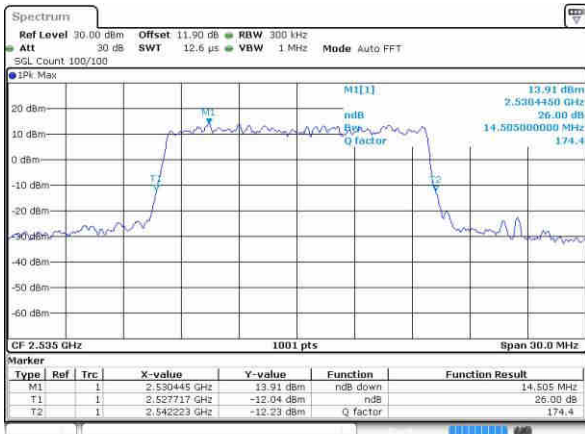
Date: 14 APR 2019 22:45:10

Lowest Channel / 20MHz / 64QAM



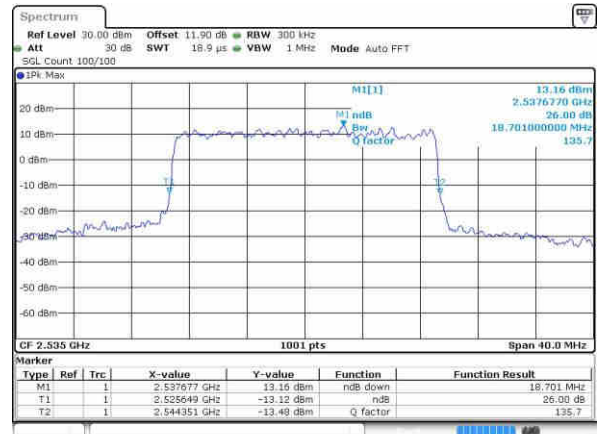
Date: 14 APR 2019 23:01:41

Middle Channel / 15MHz / 64QAM



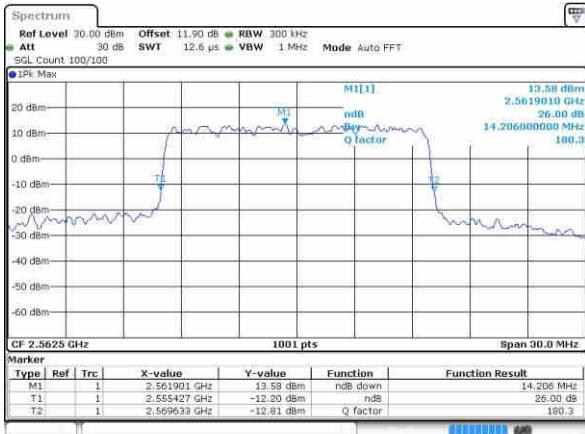
Date: 14 APR 2019 22:47:21

Middle Channel / 20MHz / 64QAM



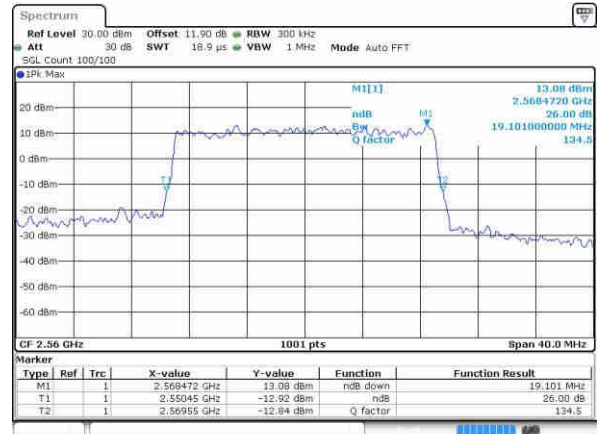
Date: 14 APR 2019 23:03:52

Highest Channel / 15MHz / 64QAM



Date: 14 APR 2019 22:48:28

Highest Channel / 20MHz / 64QAM



Date: 14 APR 2019 23:04:59



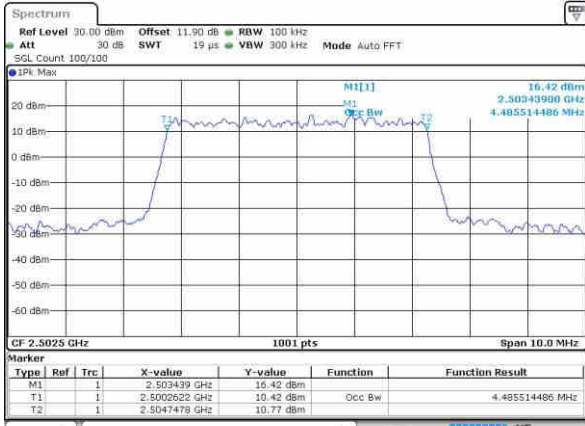
Occupied Bandwidth

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	4.49	9.01	8.97	13.43	13.4	17.9	17.86
Middle CH	-	-	-	-	4.49	4.48	9.05	8.93	13.34	13.46	17.94	17.94
Highest CH	-	-	-	-	4.5	4.48	9.05	9.01	13.43	13.49	17.86	17.86
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.50	-	9.07	-	13.37	-	17.86	-
Middle CH	-	-	-	-	4.49	-	9.03	-	13.46	-	17.90	-
Highest CH	-	-	-	-	4.50	-	9.05	-	13.34	-	17.94	-



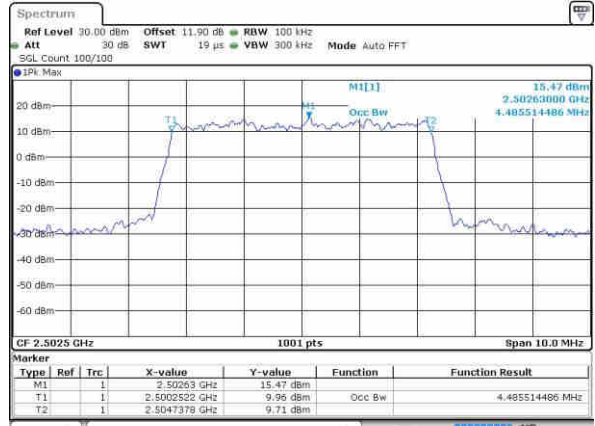
LTE Band 7

Lowest Channel / 5MHz / QPSK



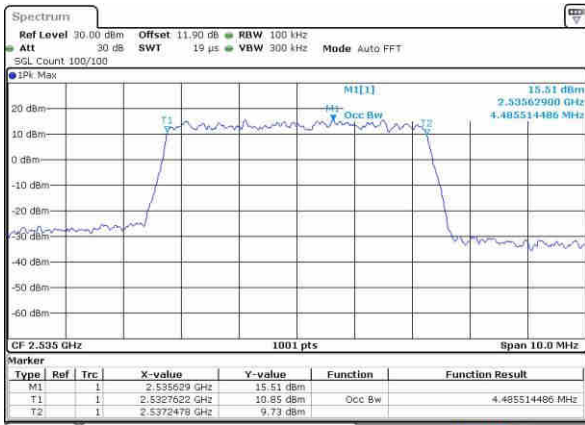
Date: 14 APR 2019 22:00:52

Lowest Channel / 5MHz / 16QAM



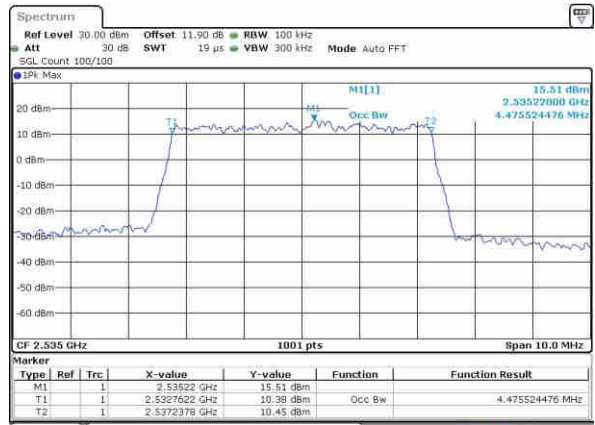
Date: 14 APR 2019 22:01:05

Middle Channel / 5MHz / QPSK



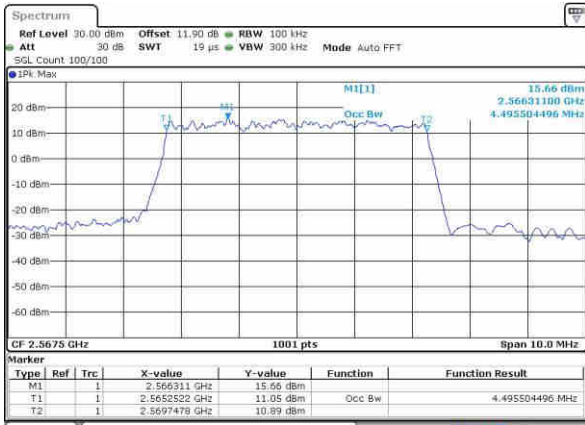
Date: 14 APR 2019 22:05:15

Middle Channel / 5MHz / 16QAM



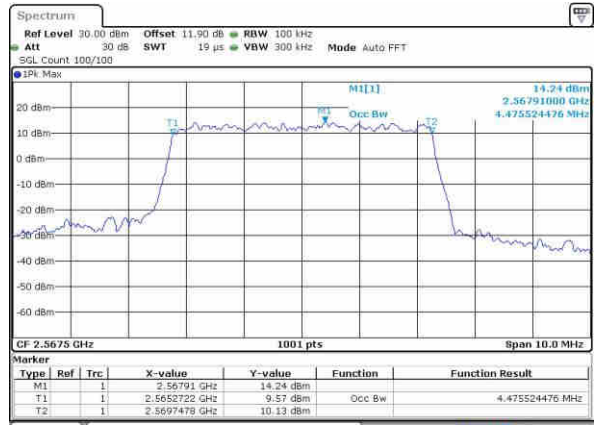
Date: 14 APR 2019 22:05:27

Highest Channel / 5MHz / QPSK



Date: 14 APR 2019 22:07:29

Highest Channel / 5MHz / 16QAM

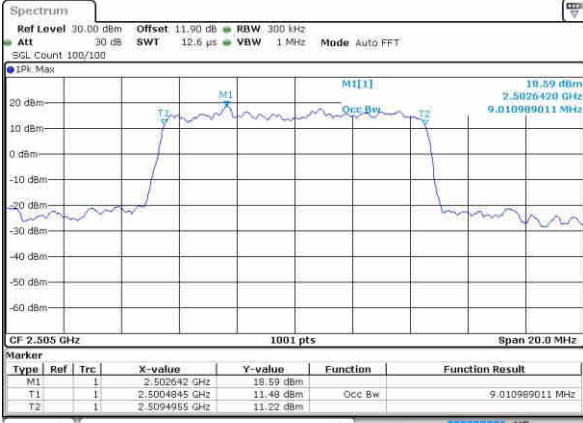


Date: 14 APR 2019 22:07:41



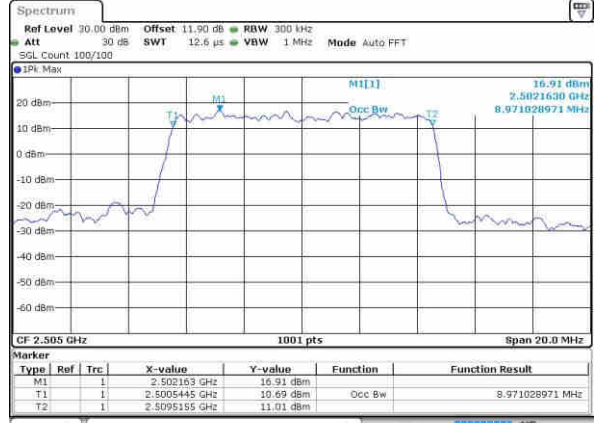
LTE Band 7

Lowest Channel / 10MHz / QPSK



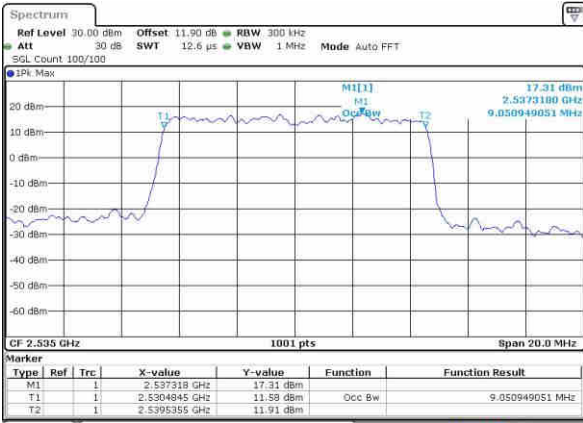
Date: 14 APR 2019 22:17:24

Lowest Channel / 10MHz / 16QAM



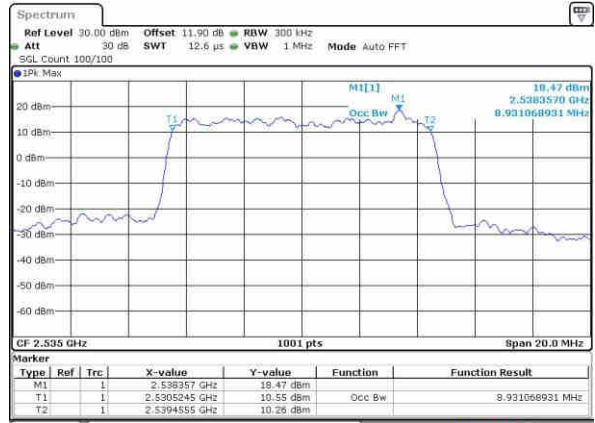
Date: 14 APR 2019 22:17:36

Middle Channel / 10MHz / QPSK



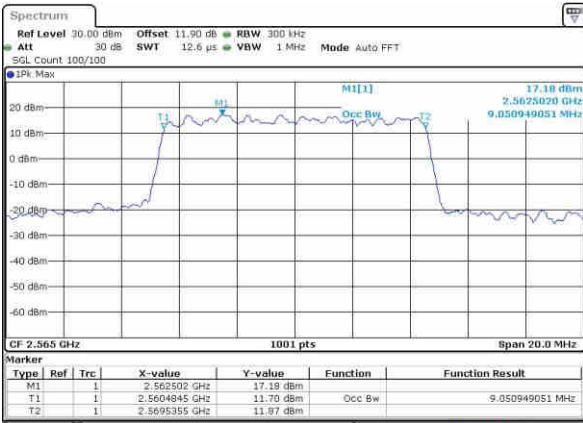
Date: 14 APR 2019 22:21:48

Middle Channel / 10MHz / 16QAM



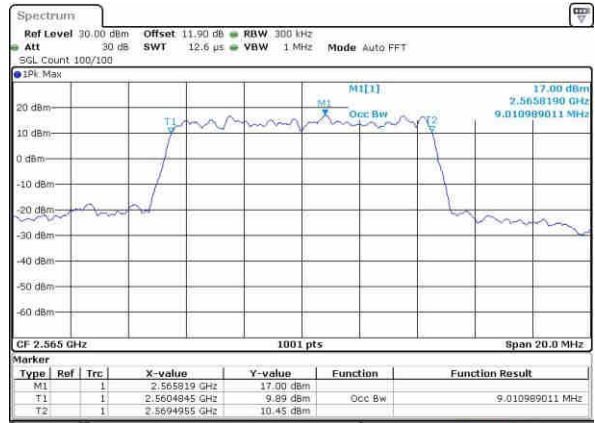
Date: 14 APR 2019 22:21:59

Highest Channel / 10MHz / QPSK



Date: 14 APR 2019 22:24:01

Highest Channel / 10MHz / 16QAM

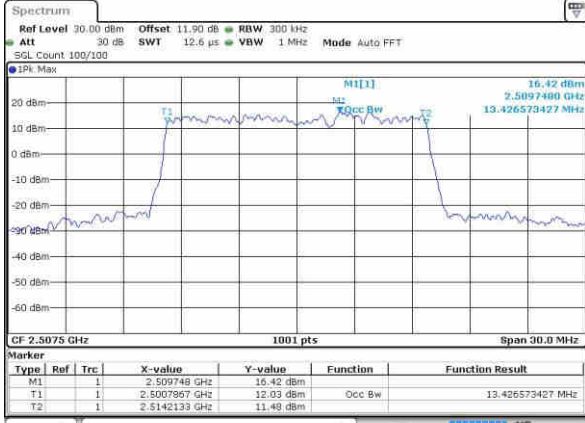


Date: 14 APR 2019 22:24:14



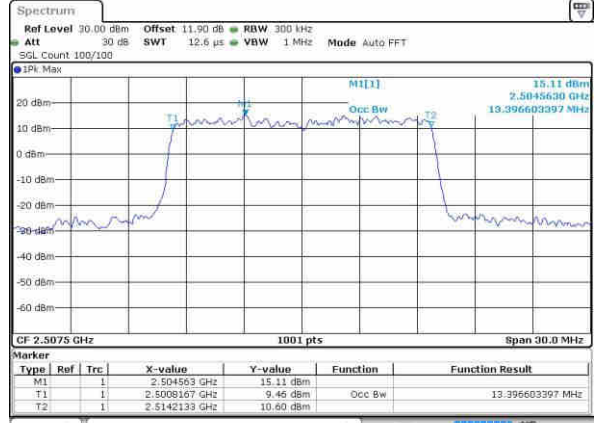
LTE Band 7

Lowest Channel / 15MHz / QPSK



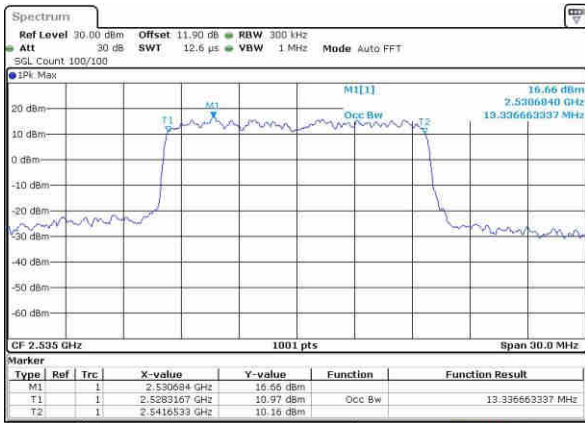
Date: 14 APR 2019 22:33:57

Lowest Channel / 15MHz / 16QAM



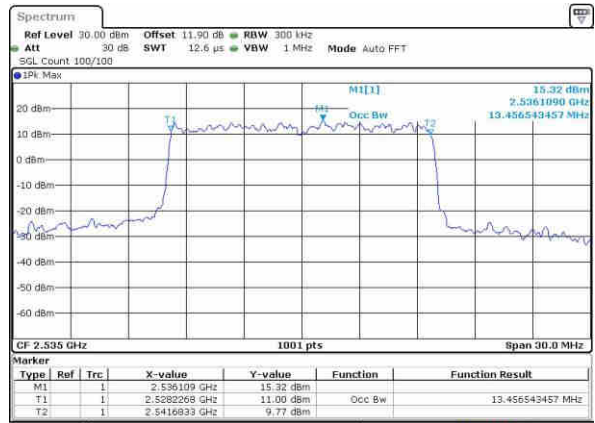
Date: 14 APR 2019 22:34:09

Middle Channel / 15MHz / QPSK



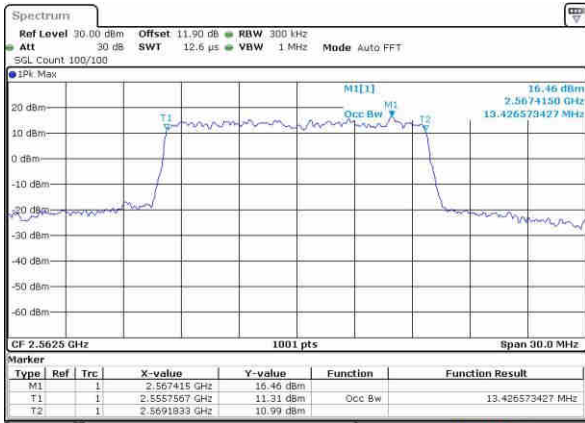
Date: 14 APR 2019 22:38:20

Middle Channel / 15MHz / 16QAM



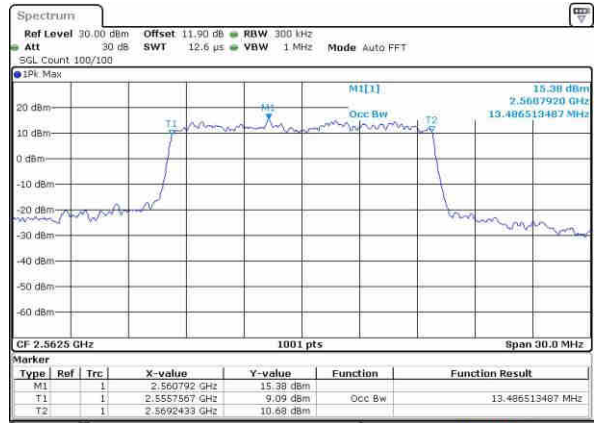
Date: 14 APR 2019 22:38:32

Highest Channel / 15MHz / QPSK



Date: 14 APR 2019 22:40:34

Highest Channel / 15MHz / 16QAM

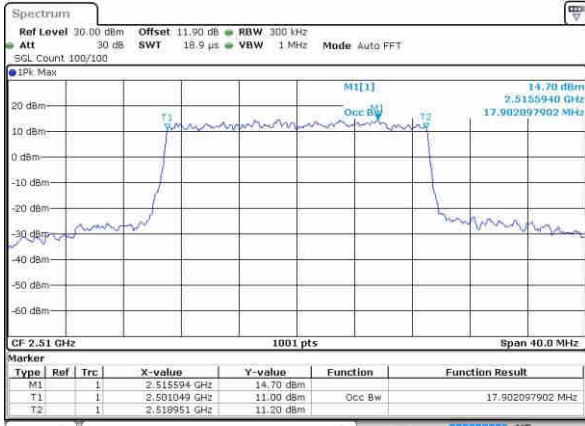


Date: 14 APR 2019 22:40:46



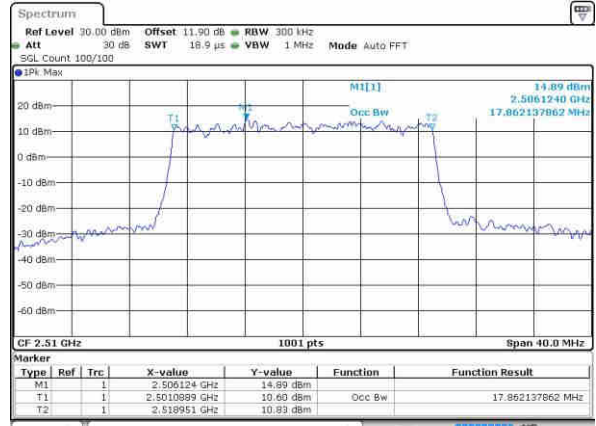
LTE Band 7

Lowest Channel / 20MHz / QPSK



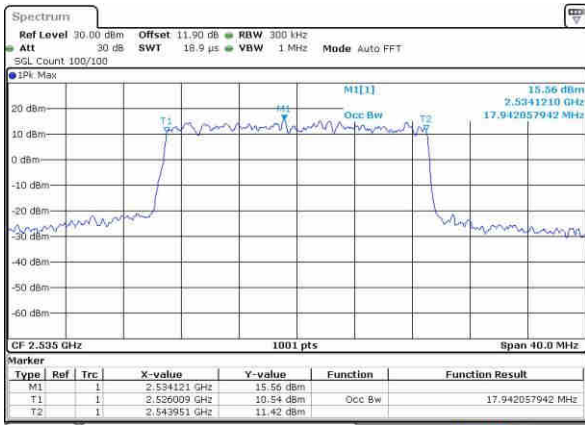
Date: 14 APR 2019 22:50:28

Lowest Channel / 20MHz / 16QAM



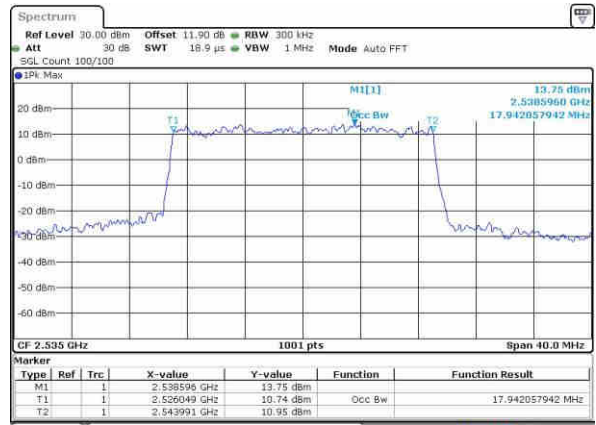
Date: 14 APR 2019 22:50:41

Middle Channel / 20MHz / QPSK



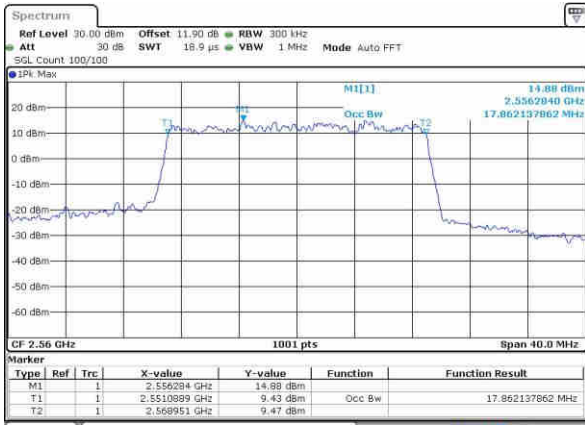
Date: 14 APR 2019 22:54:52

Middle Channel / 20MHz / 16QAM



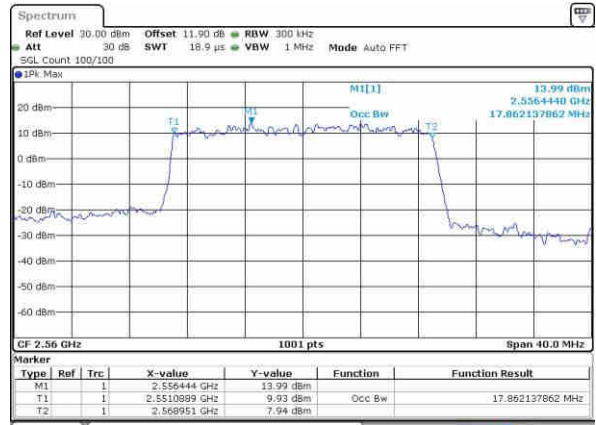
Date: 14 APR 2019 22:55:03

Highest Channel / 20MHz / QPSK



Date: 14 APR 2019 22:57:05

Highest Channel / 20MHz / 16QAM

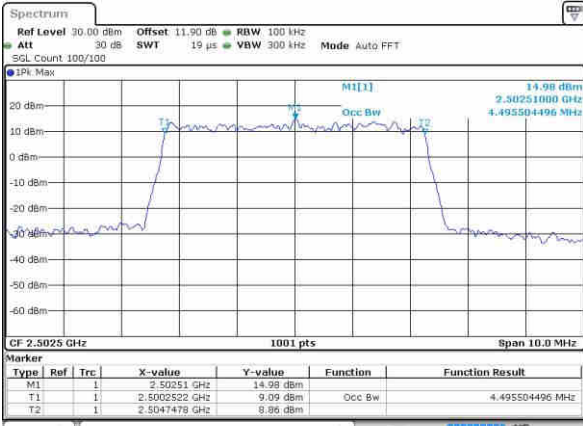


Date: 14 APR 2019 22:57:16



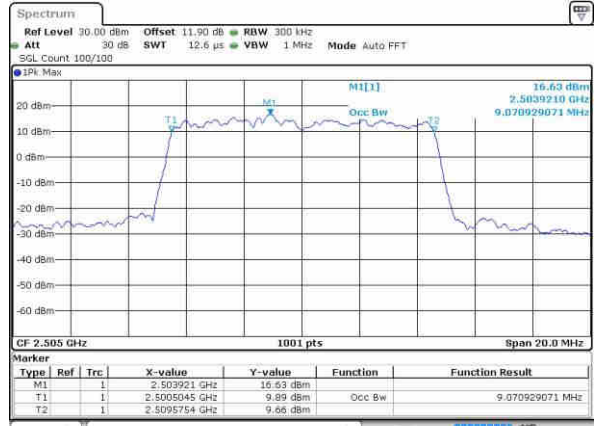
LTE Band 7

Lowest Channel / 5MHz / 64QAM



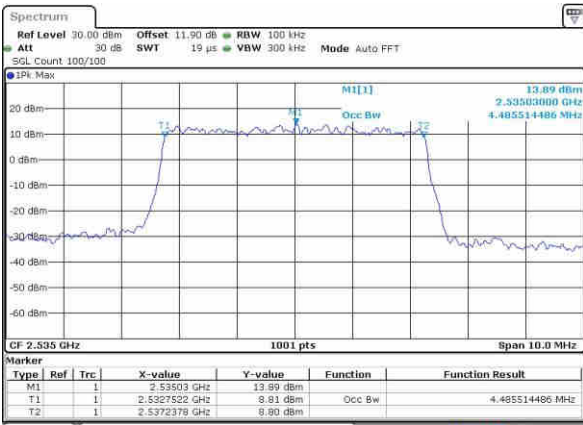
Date: 14 APR 2019 22:11:53

Lowest Channel / 10MHz / 64QAM



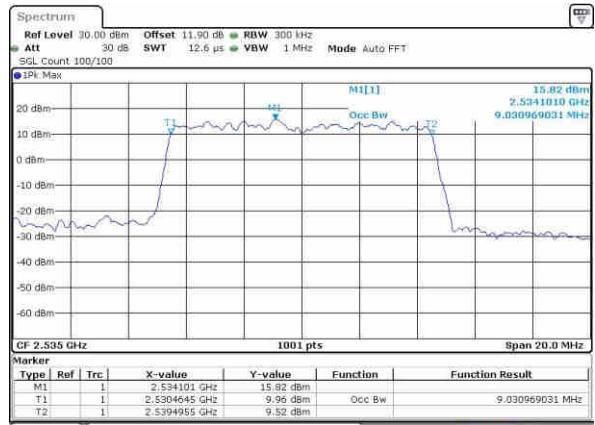
Date: 14 APR 2019 22:28:26

Middle Channel / 5MHz / 64QAM



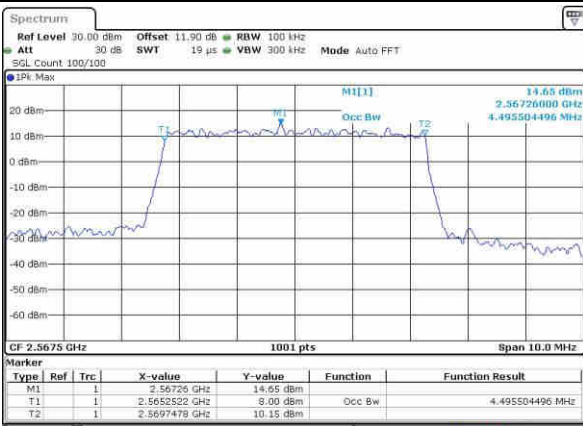
Date: 14 APR 2019 22:14:04

Middle Channel / 10MHz / 64QAM



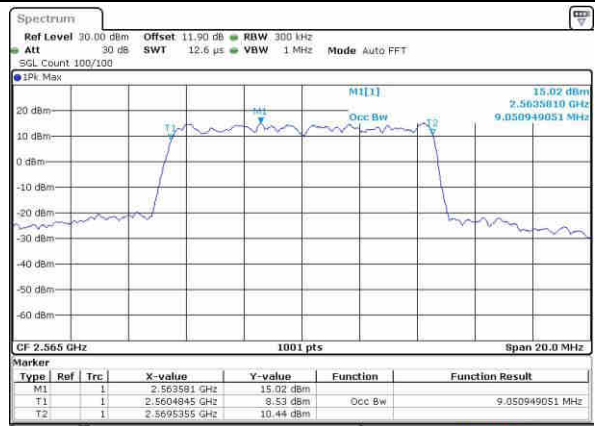
Date: 14 APR 2019 22:30:37

Highest Channel / 5MHz / 64QAM



Date: 14 APR 2019 22:15:12

Highest Channel / 10MHz / 64QAM

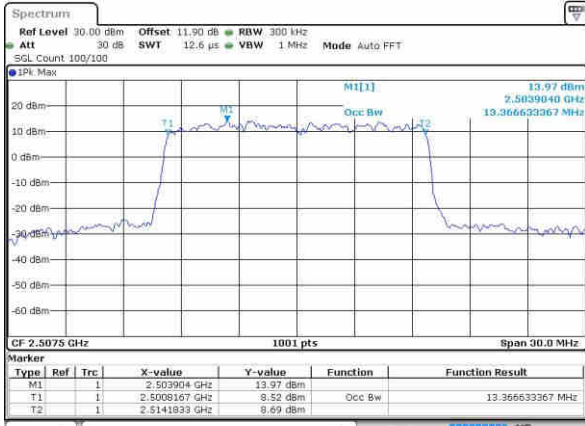


Date: 14 APR 2019 22:31:44



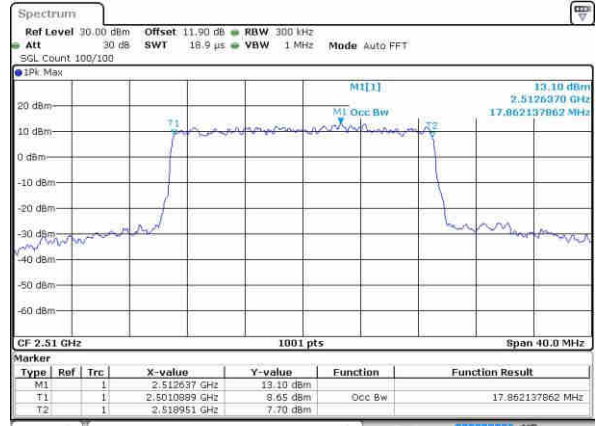
LTE Band 7

Lowest Channel / 15MHz / 64QAM



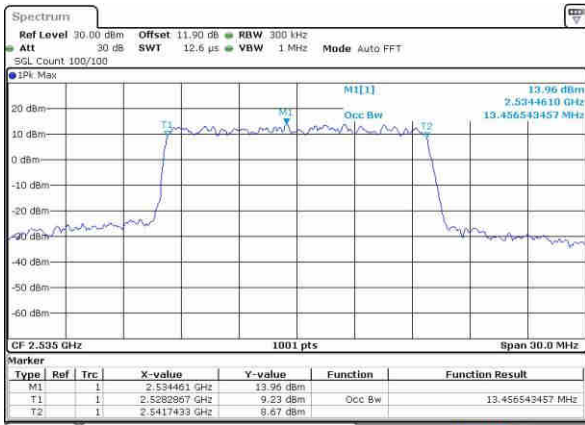
Date: 14 APR 2019 22:44:58

Lowest Channel / 20MHz / 64QAM



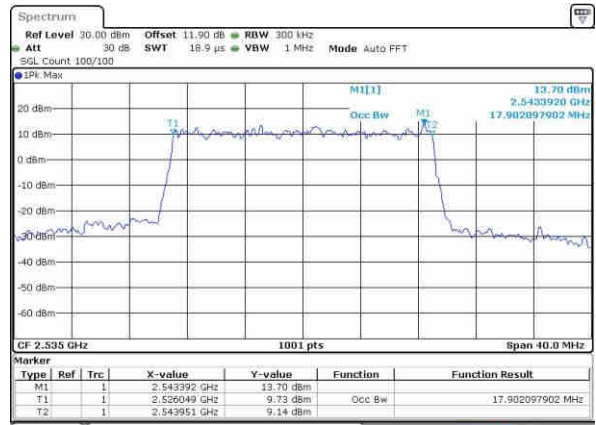
Date: 14 APR 2019 23:01:29

Middle Channel / 15MHz / 64QAM



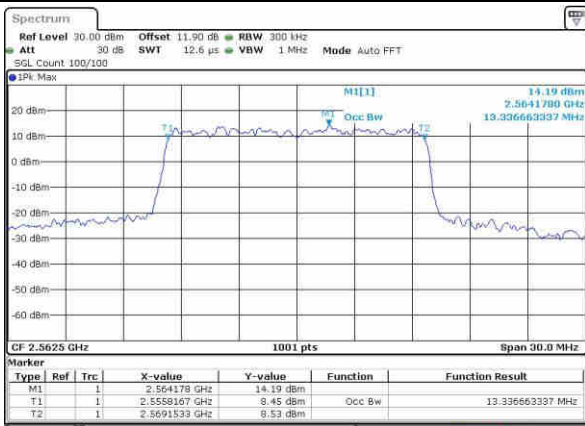
Date: 14 APR 2019 22:47:09

Middle Channel / 20MHz / 64QAM



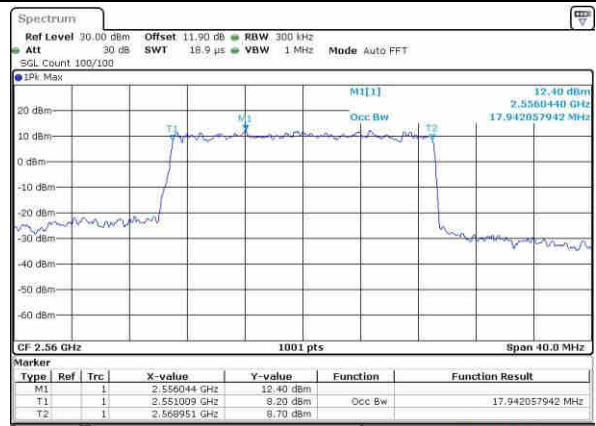
Date: 14 APR 2019 23:03:40

Highest Channel / 15MHz / 64QAM



Date: 14 APR 2019 22:48:16

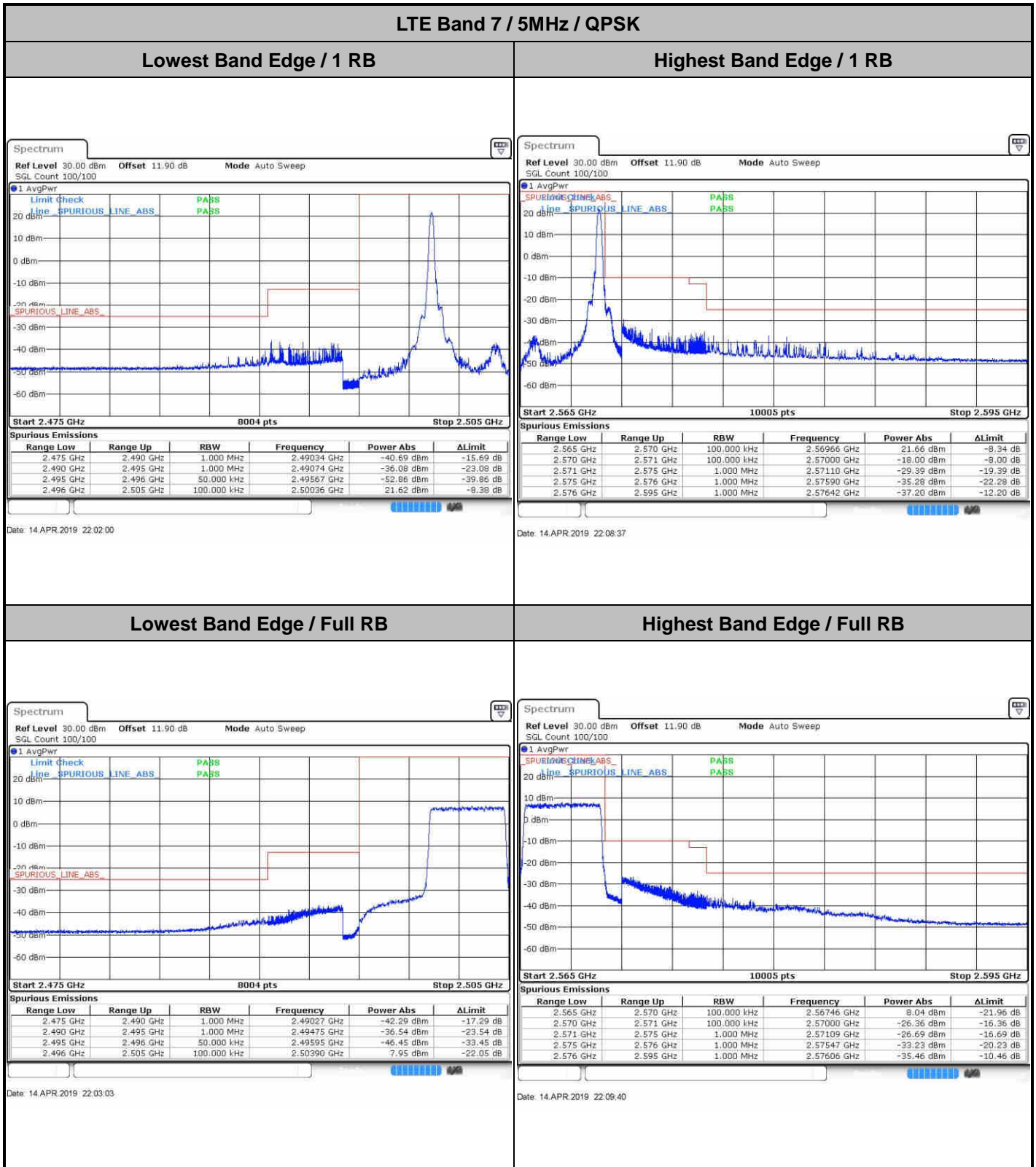
Highest Channel / 20MHz / 64QAM



Date: 14 APR 2019 23:04:47



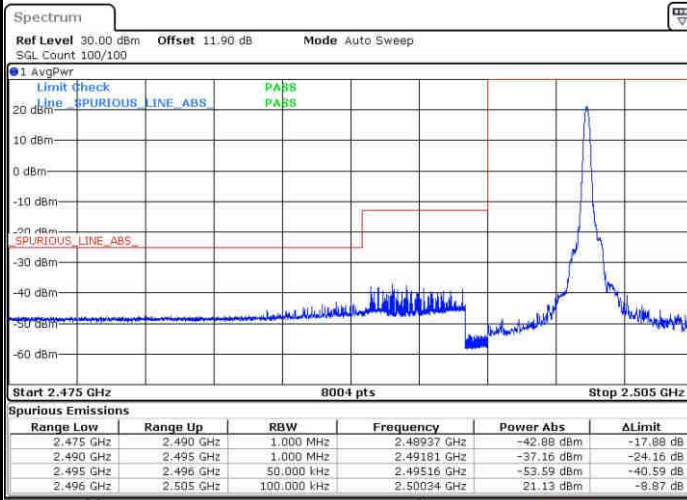
Conducted Band Edge





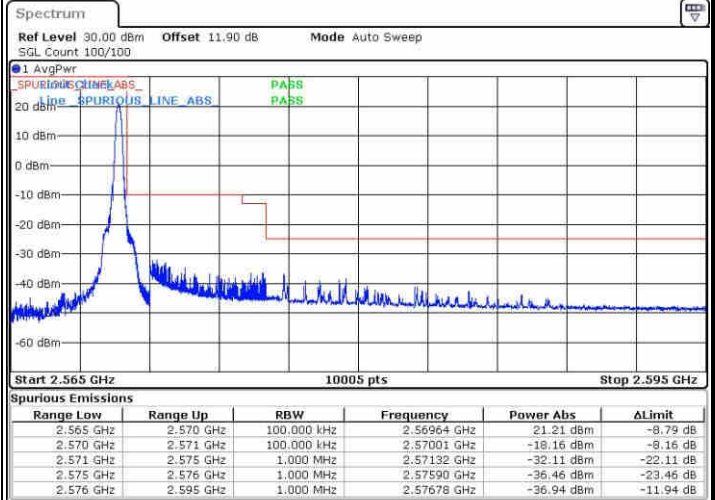
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 14 APR 2019 22:02:32

Highest Band Edge / 1 RB



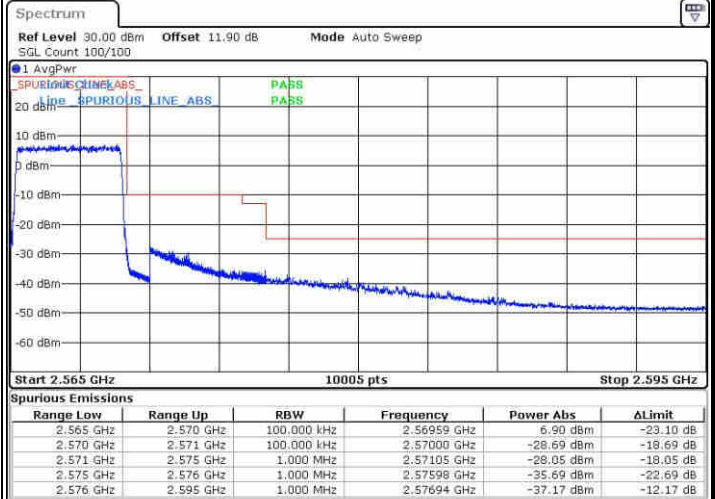
Date: 14 APR 2019 22:09:08

Lowest Band Edge / Full RB



Date: 14 APR 2019 22:03:35

Highest Band Edge / Full RB

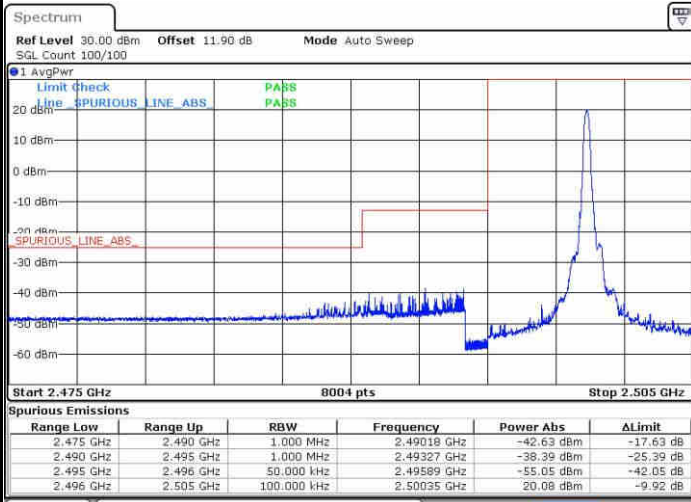


Date: 14 APR 2019 22:10:12



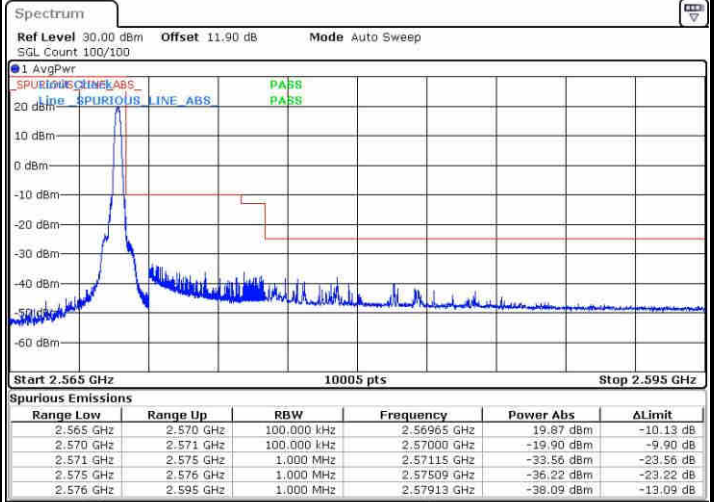
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 14 APR 2019 22:12:36

Highest Band Edge / 1 RB



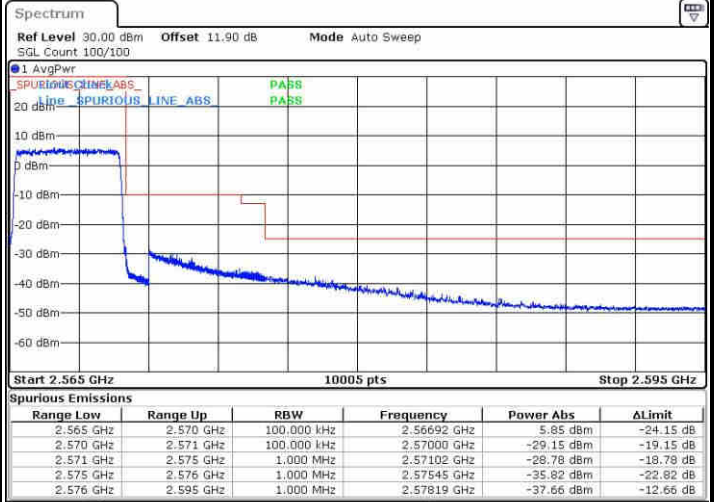
Date: 14 APR 2019 22:15:55

Lowest Band Edge / Full RB



Date: 14 APR 2019 22:13:08

Highest Band Edge / Full RB

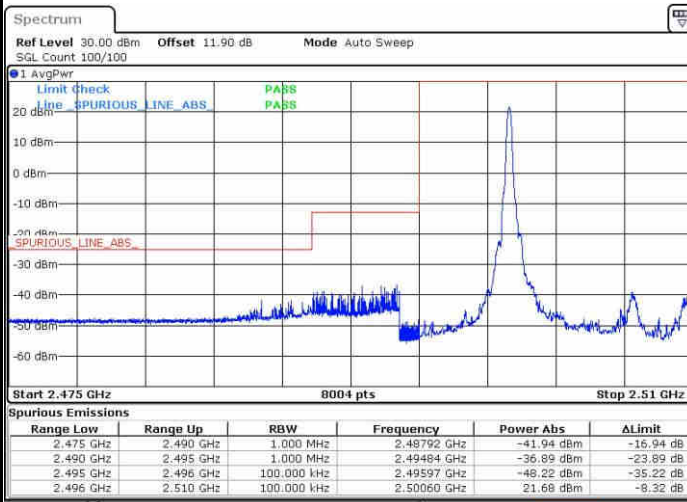


Date: 14 APR 2019 22:16:27



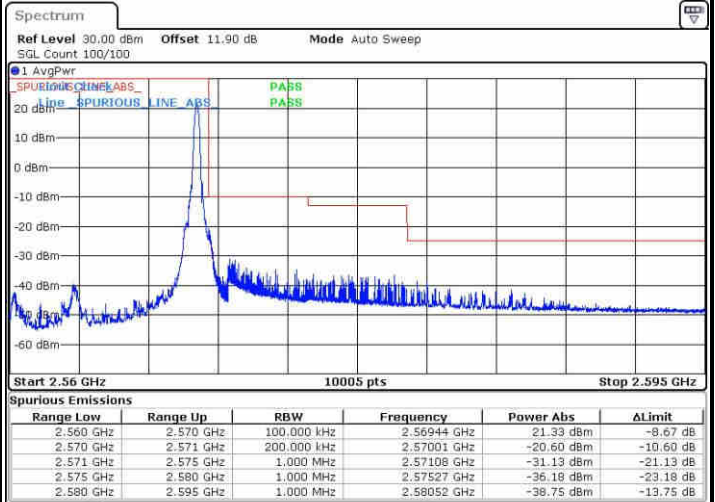
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



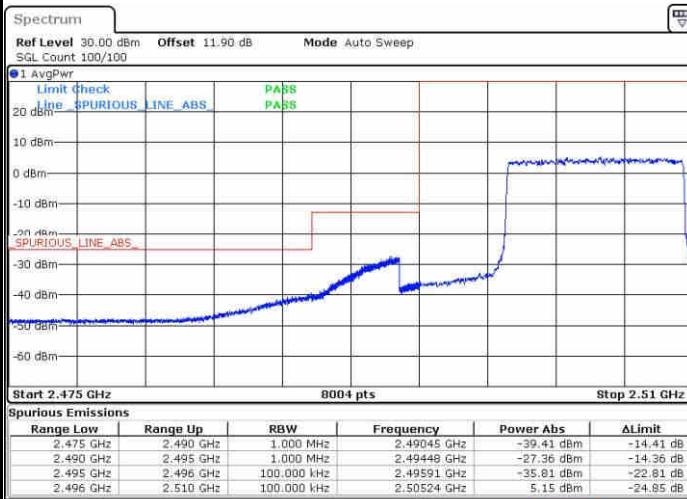
Date: 14 APR 2019 22:18:32

Highest Band Edge / 1 RB



Date: 14 APR 2019 22:25:10

Lowest Band Edge / Full RB



Date: 14 APR 2019 22:19:36

Highest Band Edge / Full RB

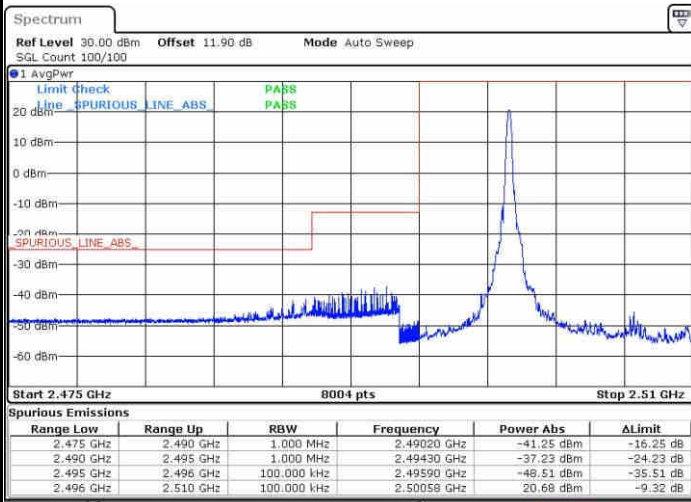


Date: 14 APR 2019 22:26:13



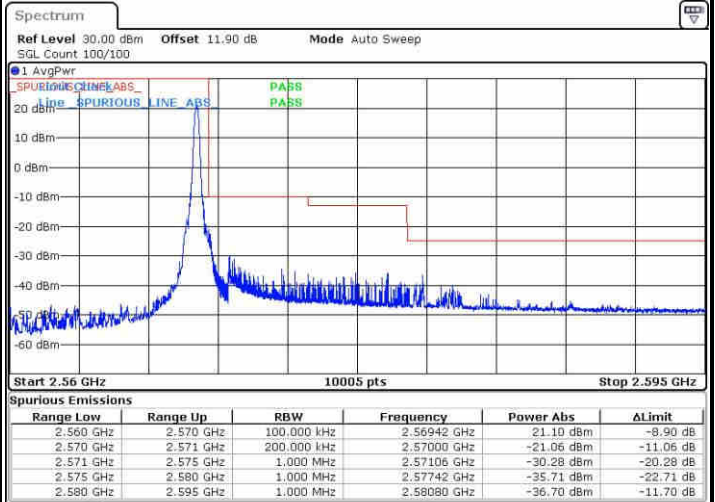
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 14 APR 2019 22:19:04

Highest Band Edge / 1 RB



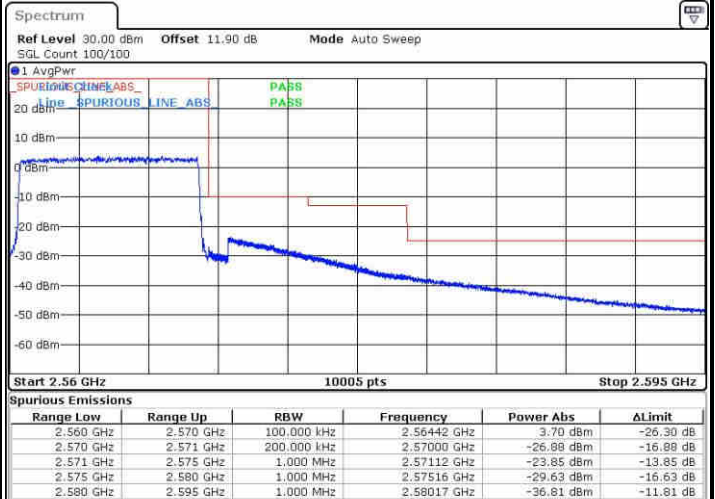
Date: 14 APR 2019 22:25:41

Lowest Band Edge / Full RB



Date: 14 APR 2019 22:20:07

Highest Band Edge / Full RB



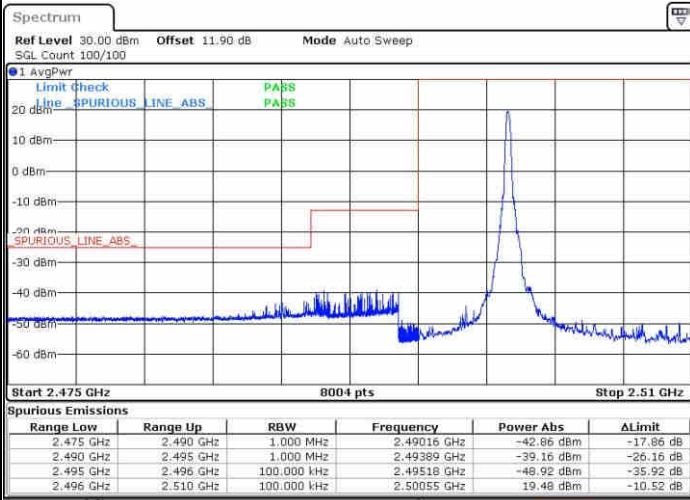
Date: 14 APR 2019 22:26:45



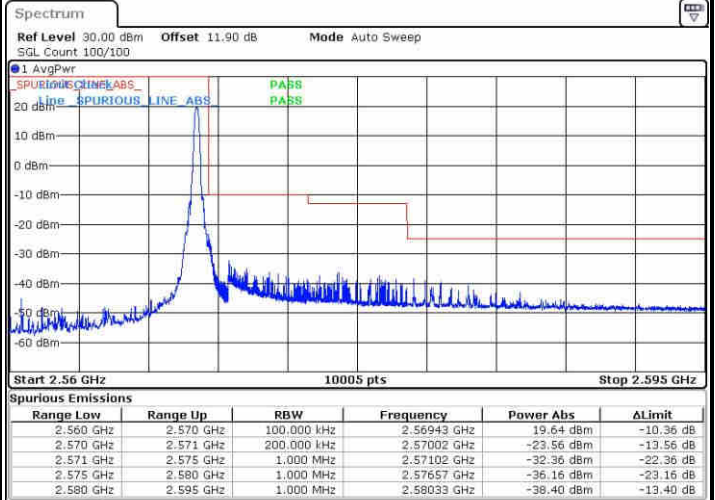
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 14 APR 2019 22:29:09



Date: 14 APR 2019 22:32:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14 APR 2019 22:29:41



Date: 14 APR 2019 22:32:58