

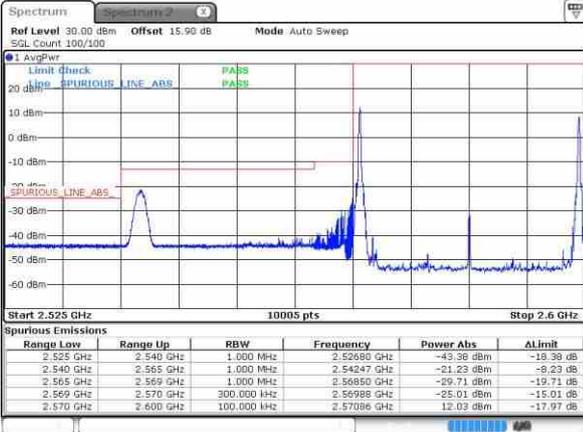


LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

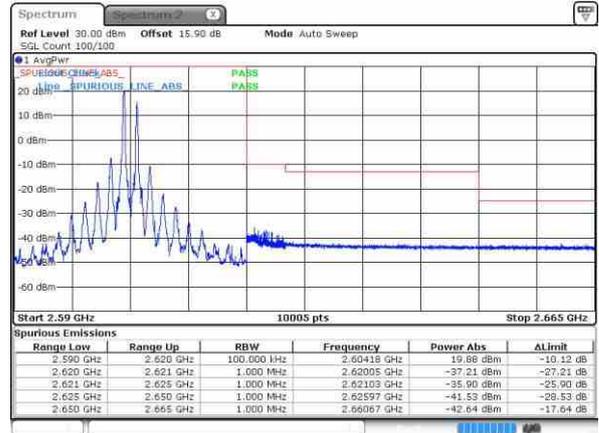
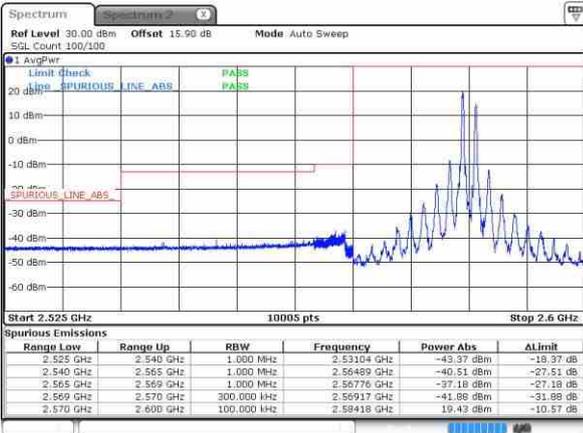


Date: 18 JUN 2019 19:20:52

Date: 18 JUN 2019 20:20:01

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

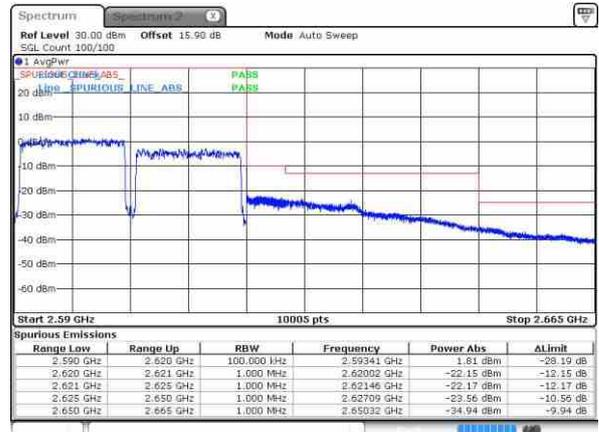
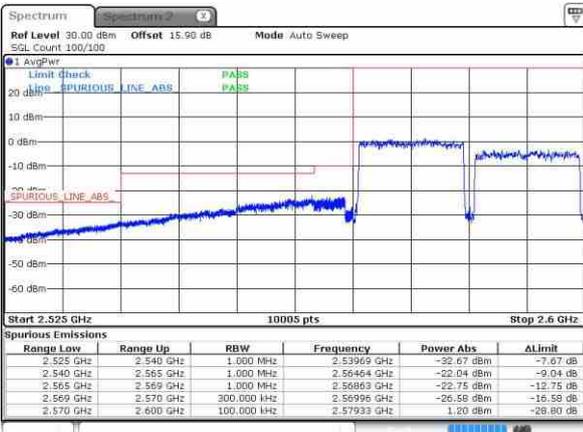


Date: 18 JUN 2019 19:21:59

Date: 18 JUN 2019 20:25:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18 JUN 2019 19:15:14

Date: 18 JUN 2019 20:18:54

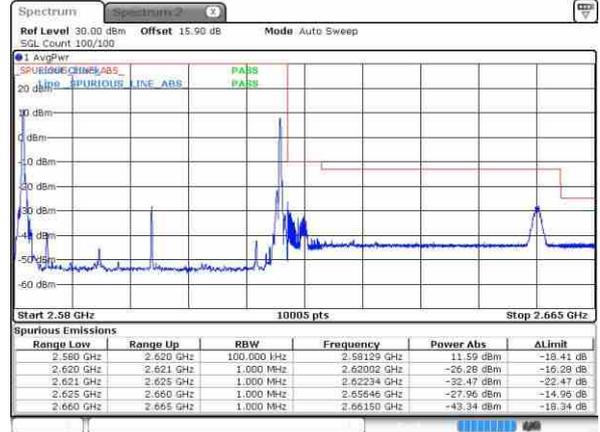
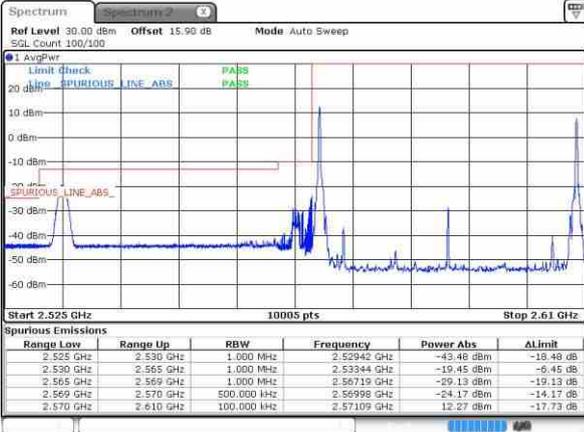


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

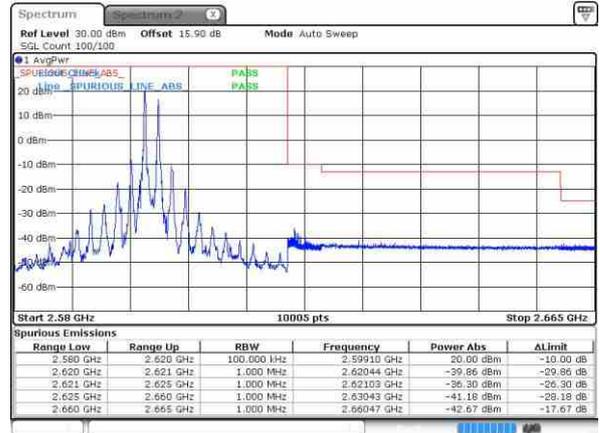
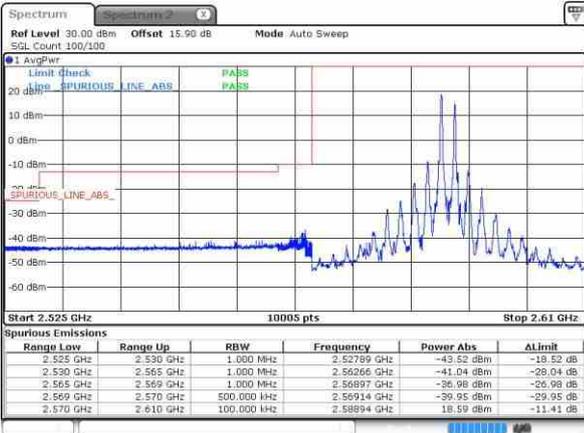


Date: 18 JUN 2019 21:19:22

Date: 18 JUN 2019 22:21:39

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

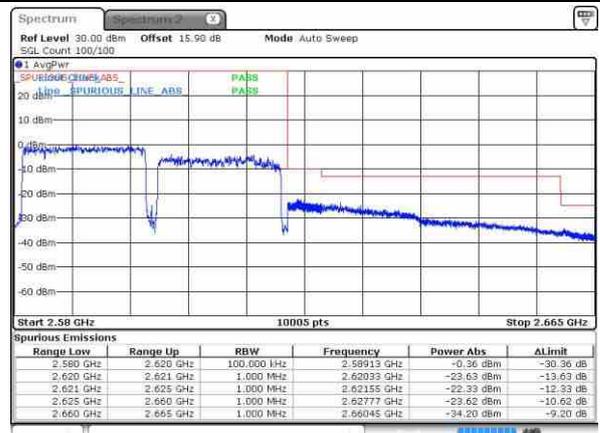
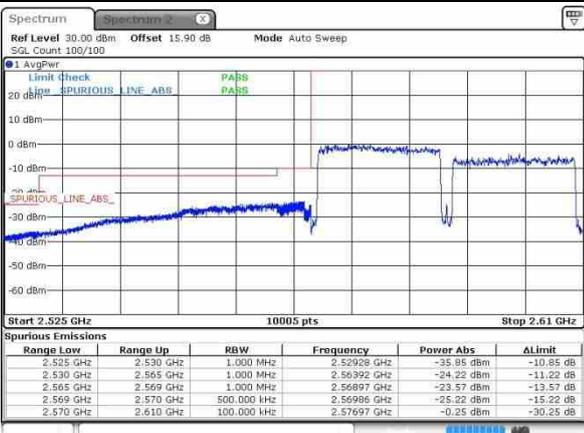


Date: 18 JUN 2019 21:20:33

Date: 18 JUN 2019 22:27:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18 JUN 2019 21:36:00

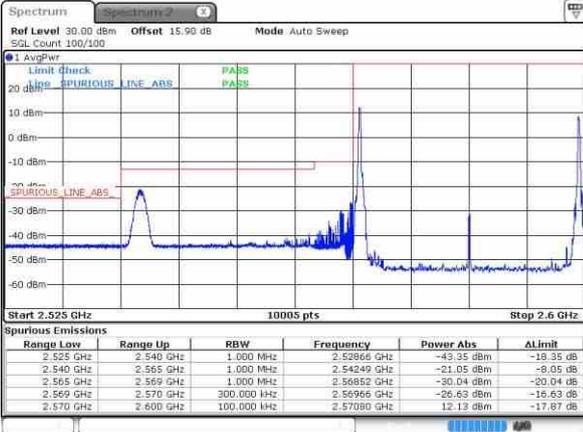
Date: 18 JUN 2019 22:20:27



LTE Band 38C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74



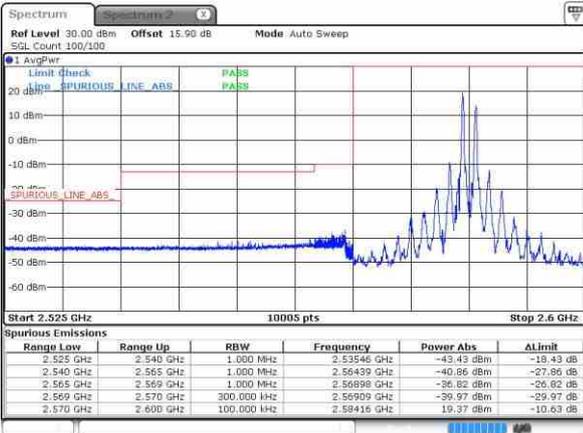
Date: 18 JUN 2019 19:19:45

Highest Band Edge / 1RB0 and 1RB74



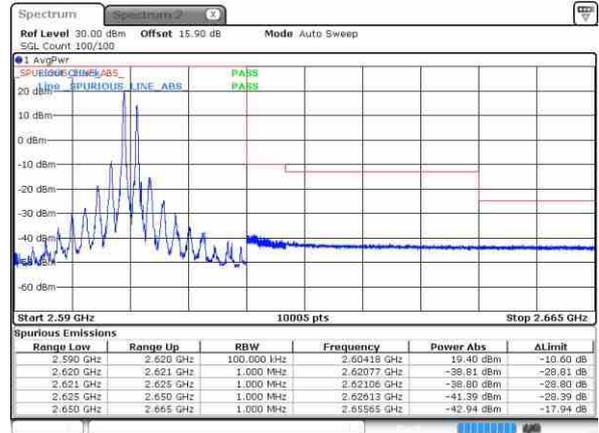
Date: 18 JUN 2019 20:21:09

Lowest Band Edge / 1RB74 and 1RB0



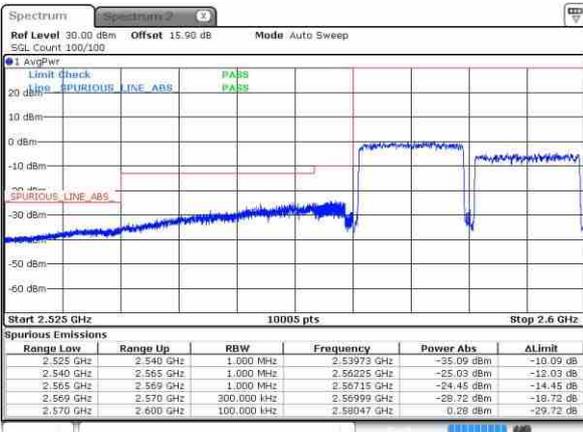
Date: 18 JUN 2019 19:23:06

Highest Band Edge / 1RB74 and 1RB0



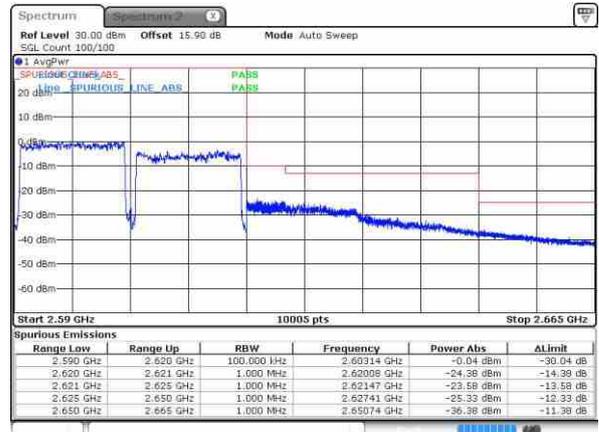
Date: 18 JUN 2019 20:24:29

Lowest Band Edge / Full RB



Date: 18 JUN 2019 19:16:21

Highest Band Edge / Full RB



Date: 18 JUN 2019 20:17:47

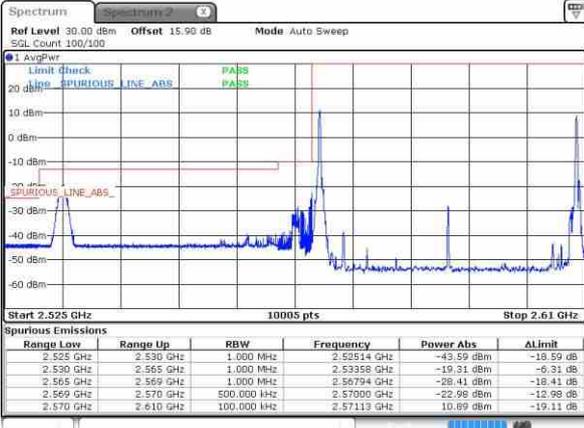


LTE Band 38C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

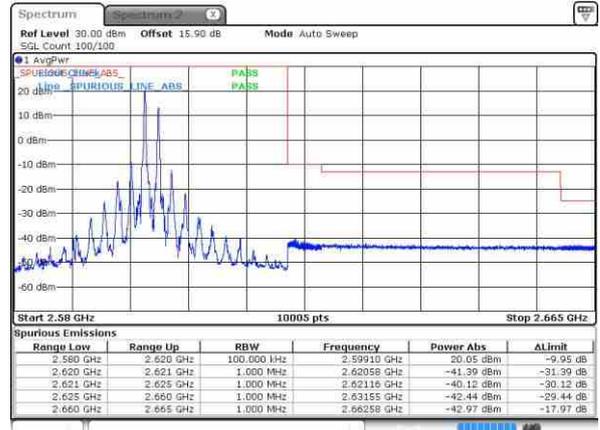
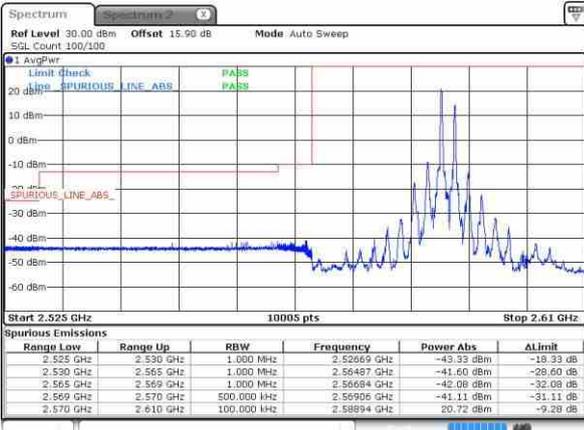


Date: 18 JUN 2019 21:18:09

Date: 18 JUN 2019 22:22:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

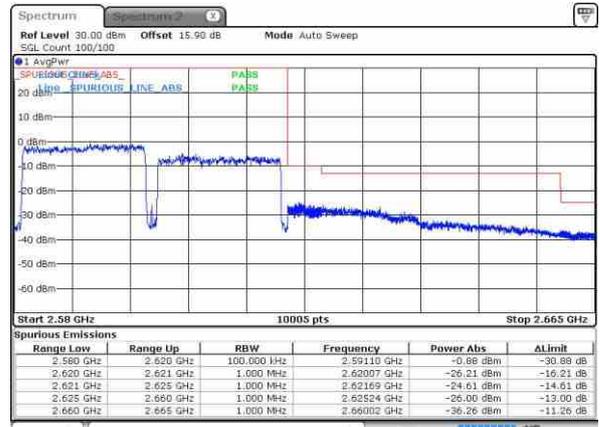
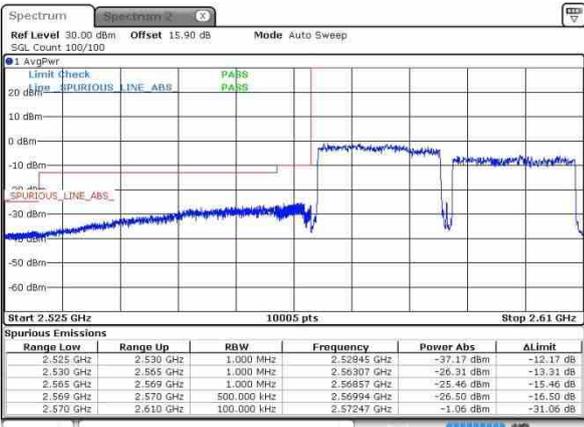


Date: 18 JUN 2019 21:21:48

Date: 18 JUN 2019 22:28:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18 JUN 2019 21:38:03

Date: 18 JUN 2019 22:19:14



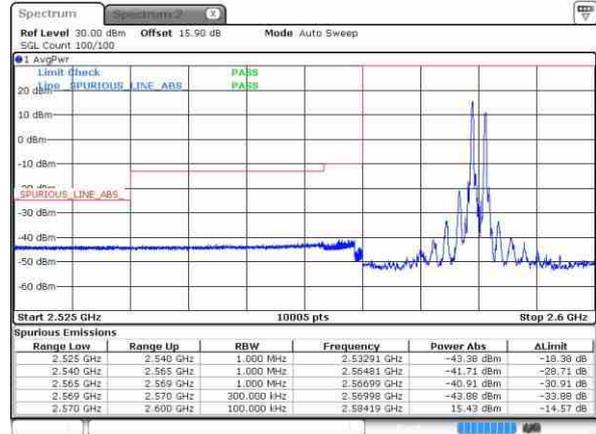
LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

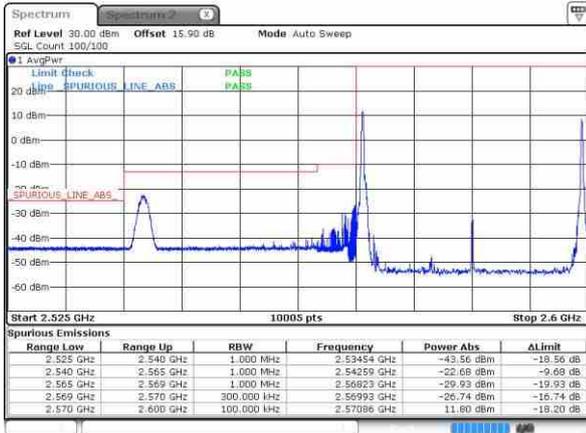
PIC_BE_Band38_15M15M_L_1RB0_1RBmax_64QAM



Date: 18 JUN 2019 18:24:14

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

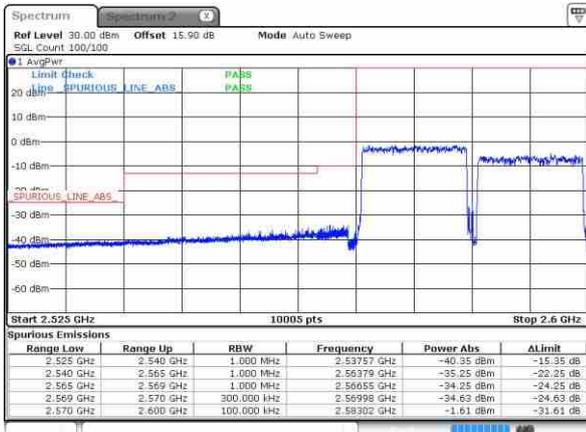


Date: 18 JUN 2019 19:18:37

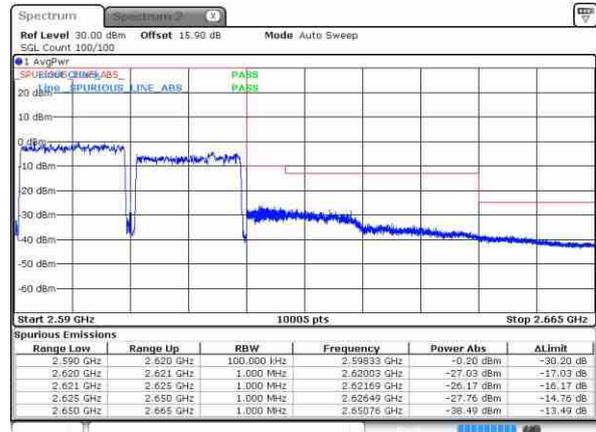
PIC_BE_Band38_15M15M_H_1RBmax_1RB0_64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18 JUN 2019 19:17:30



Date: 18 JUN 2019 20:16:40



LTE Band 38C / 20MHz+20MHz

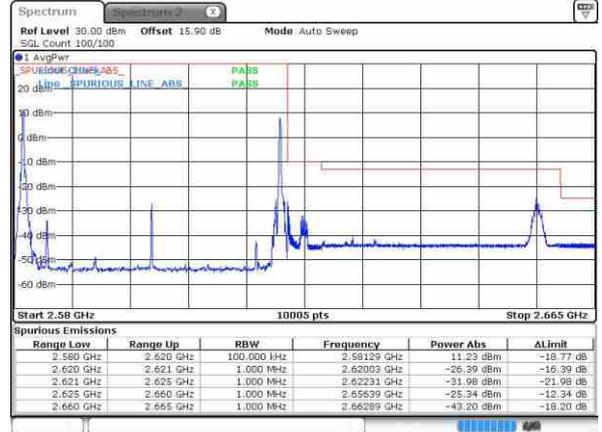
64QAM

Lowest Band Edge / 1RB0 and 1RB9



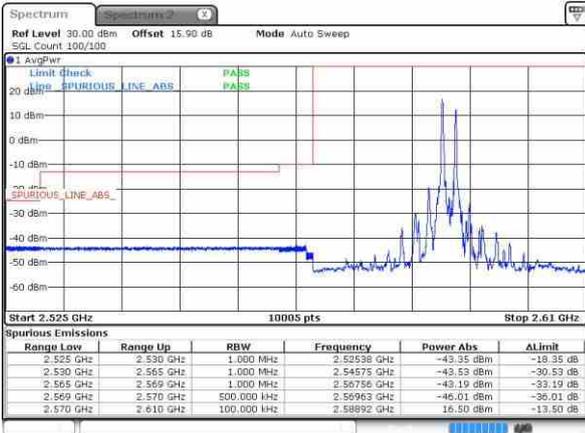
Date: 18 JUN 2019 21:16:57

Highest Band Edge / 1RB0 and 1RB9



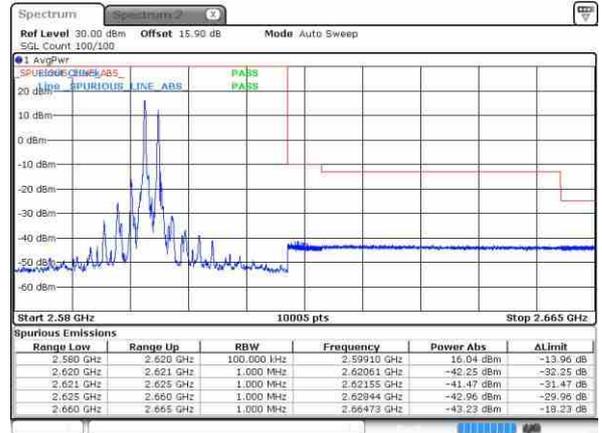
Date: 18 JUN 2019 22:24:03

Lowest Band Edge / 1RB99 and 1RB0



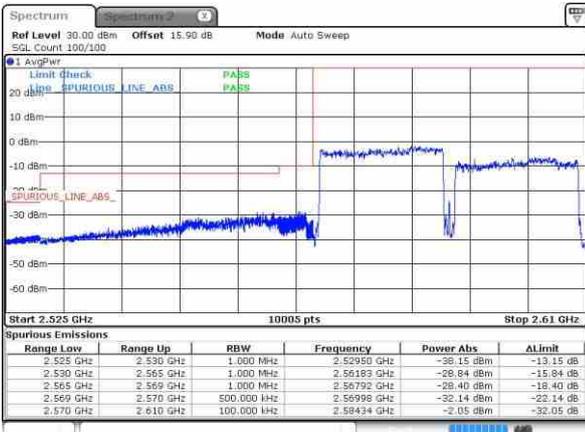
Date: 18 JUN 2019 21:22:58

Highest Band Edge / 1RB99 and 1RB0



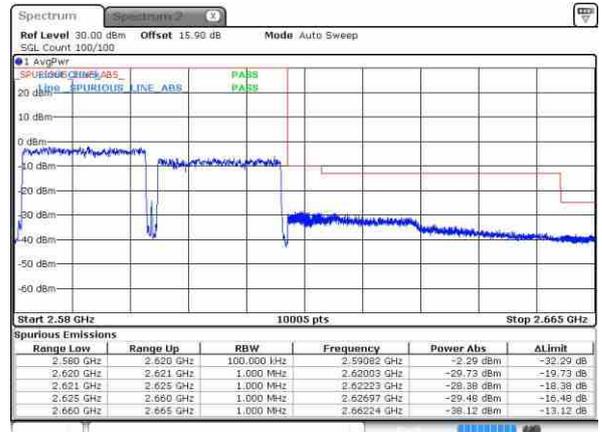
Date: 18 JUN 2019 22:25:14

Lowest Band Edge / Full RB



Date: 18 JUN 2019 21:15:44

Highest Band Edge / Full RB



Date: 18 JUN 2019 22:18:02



Conducted Spurious Emission

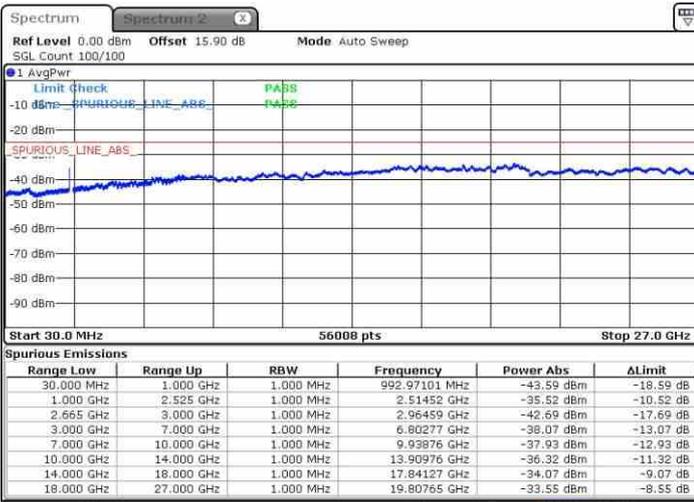


LTE Band 38C / 15MHz+15MHz

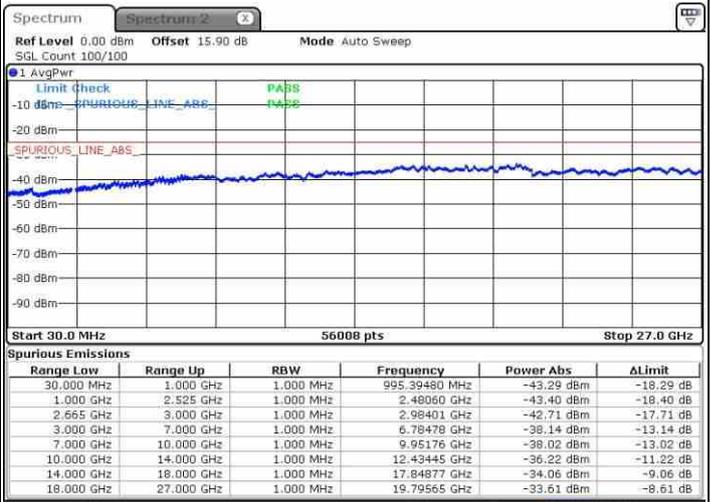
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



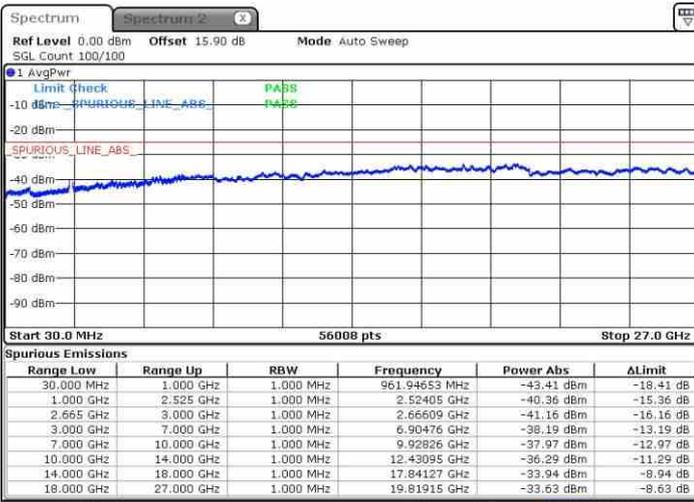
Date: 18 JUN 2019 19:29:44



Date: 18 JUN 2019 19:28:21

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 19:36:40

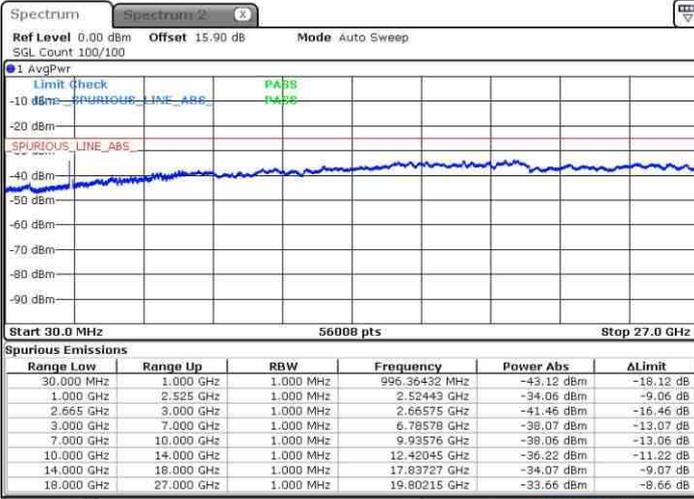


LTE Band 38C / 15MHz+15MHz

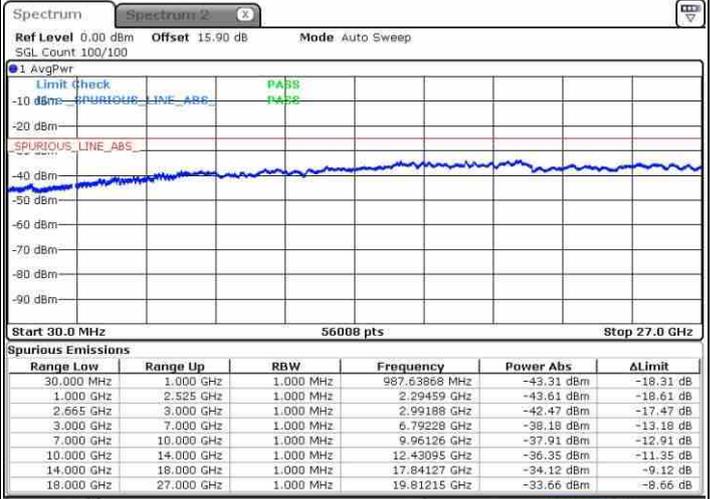
QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



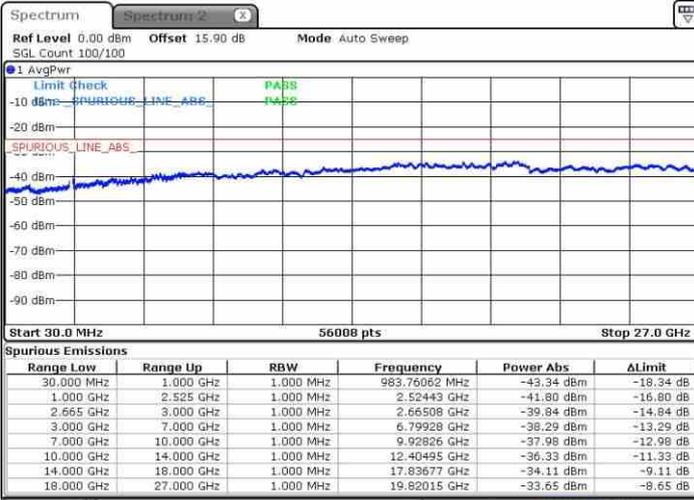
Date: 18 JUN 2019 19:52:27



Date: 18 JUN 2019 19:53:49

Middle Channel / FullIRB

N/A



Date: 18 JUN 2019 19:45:31

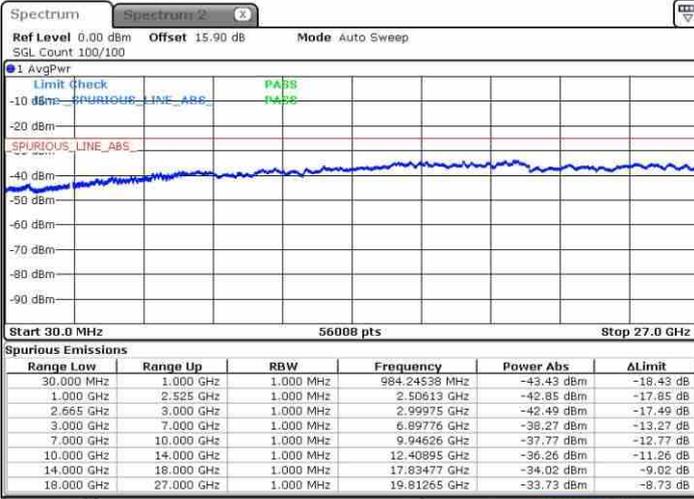


LTE Band 38C / 15MHz+15MHz

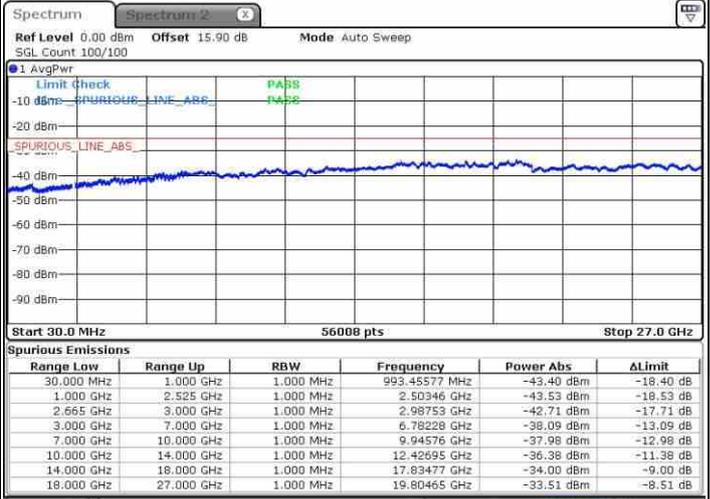
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



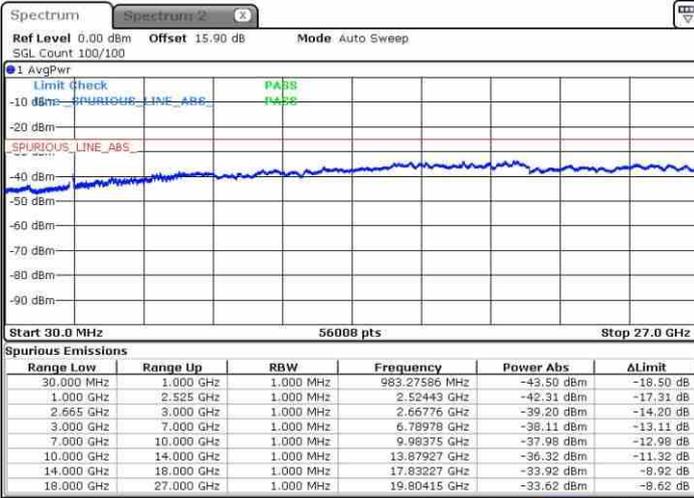
Date: 18 JUN 2019 20:33:53



Date: 18 JUN 2019 20:26:58

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 20:35:16

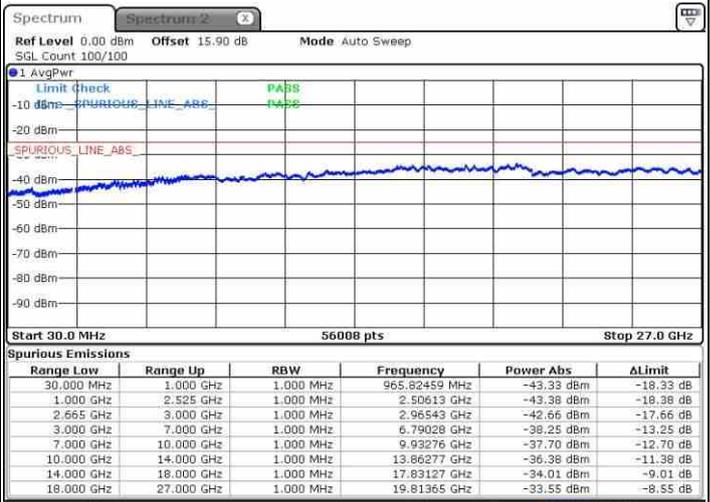
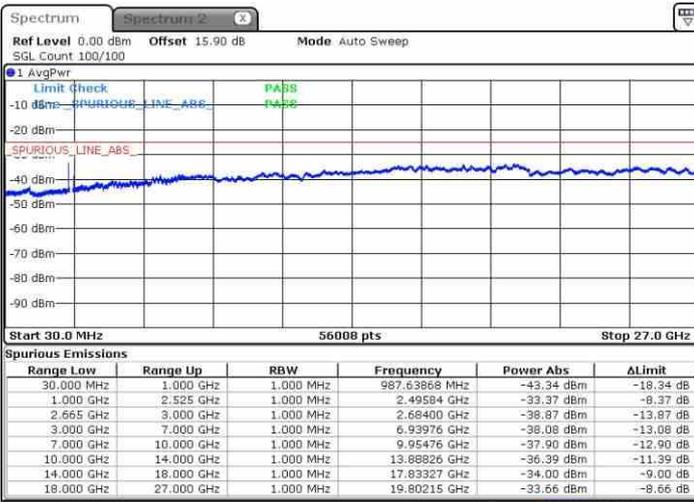


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

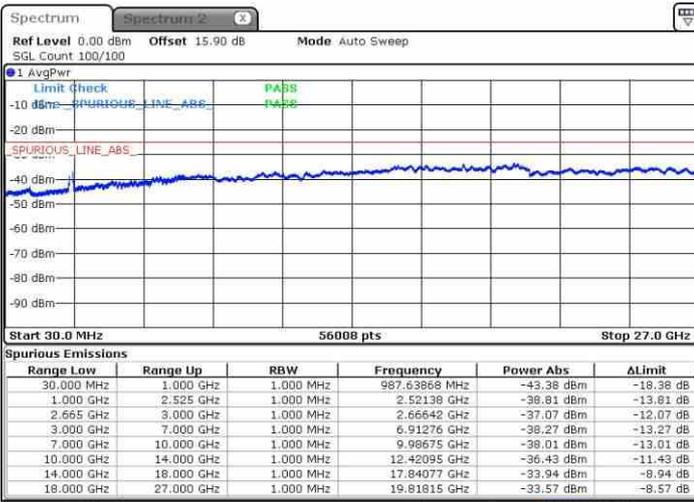


Date: 18 JUN 2019 21:28:28

Date: 18 JUN 2019 21:27:06

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 21:35:25

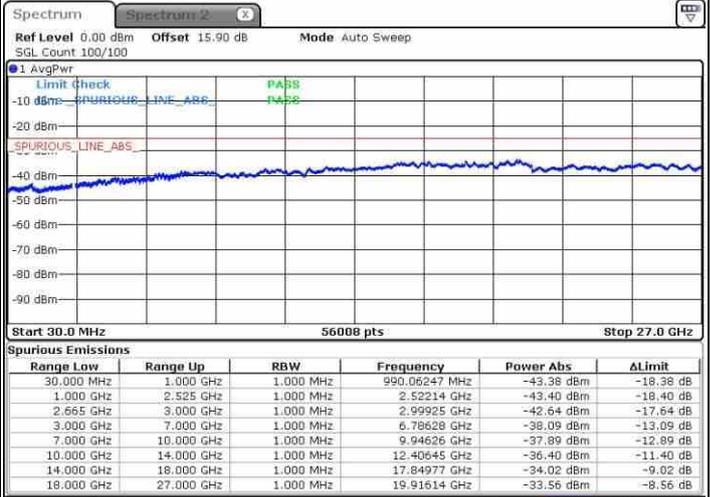
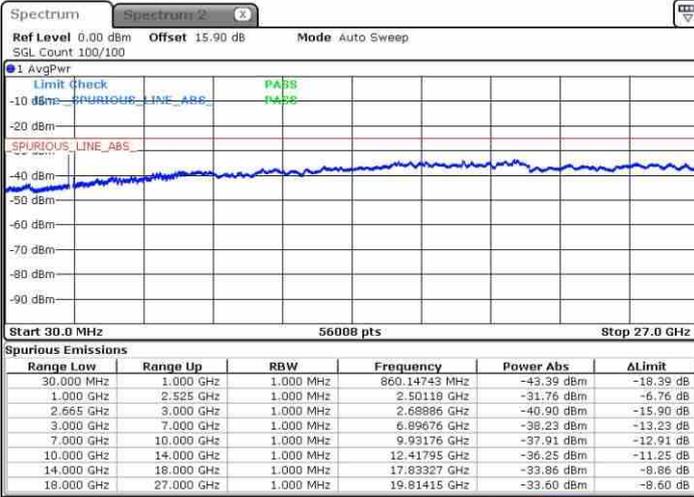


LTE Band 38C / 20MHz+20MHz

QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0

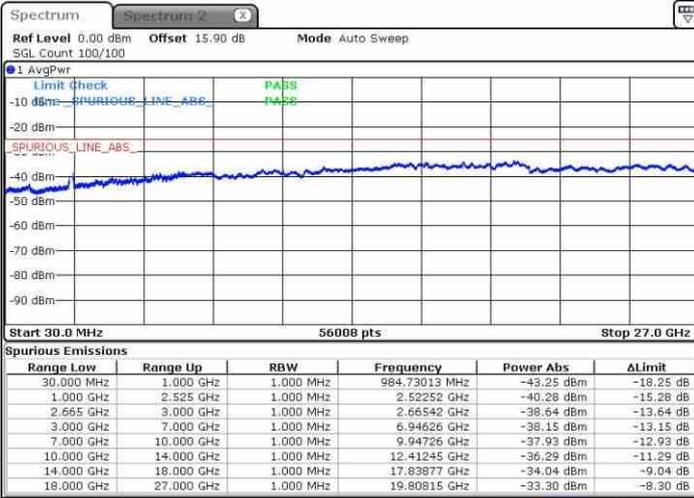


Date: 18 JUN 2019 21:53:07

Date: 18 JUN 2019 21:54:28

Middle Channel / FullIRB

N/A



Date: 18 JUN 2019 21:46:10

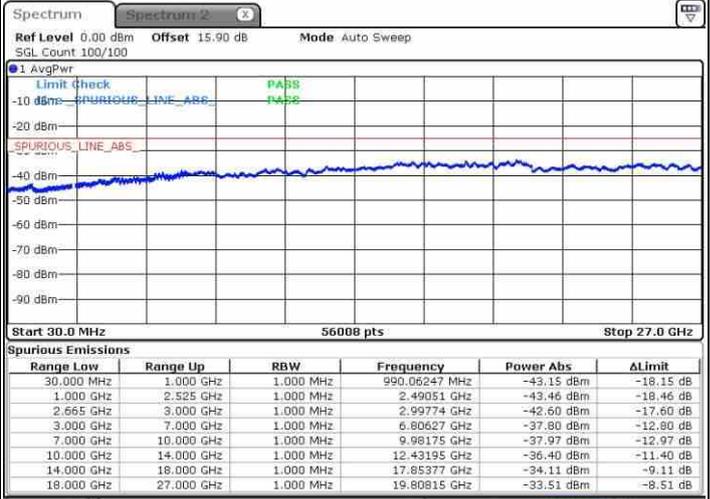
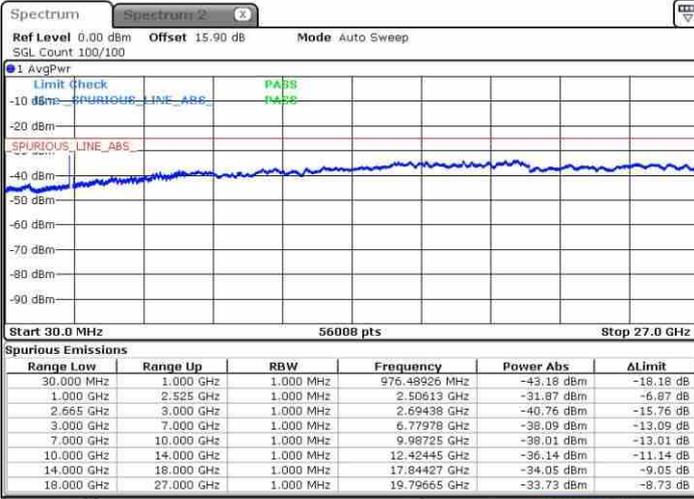


LTE Band 38C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0

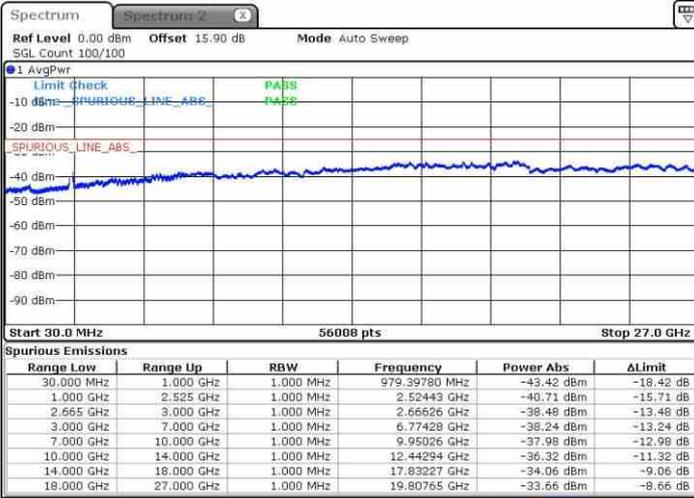


Date: 18 JUN 2019 22:35:56

Date: 18 JUN 2019 22:29:01

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 22:37:20

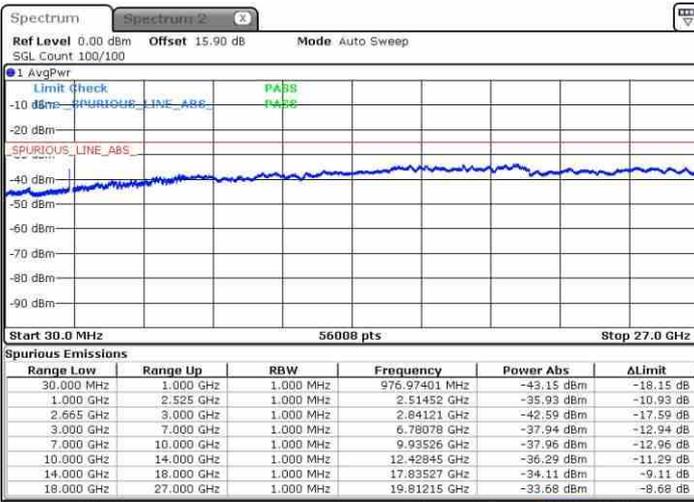


LTE Band 38C / 15MHz+15MHz

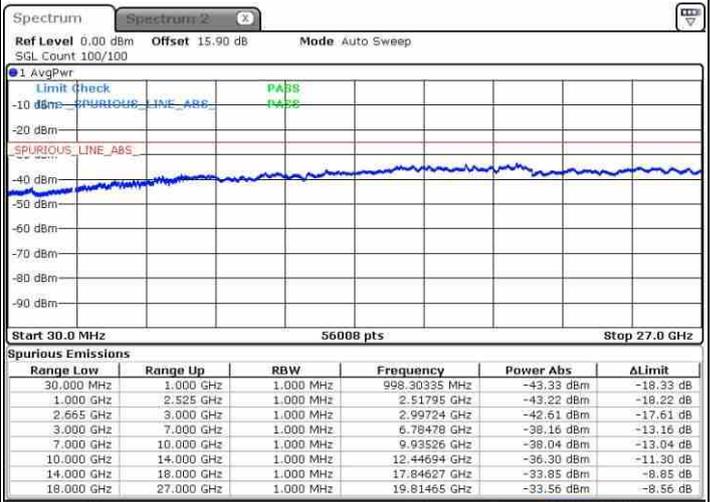
16QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



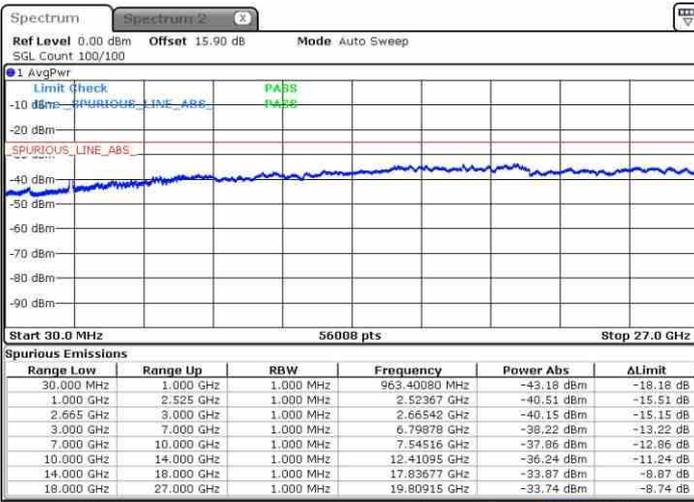
Date: 18 JUN 2019 19:31:07



Date: 18 JUN 2019 19:26:58

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 19:35:17

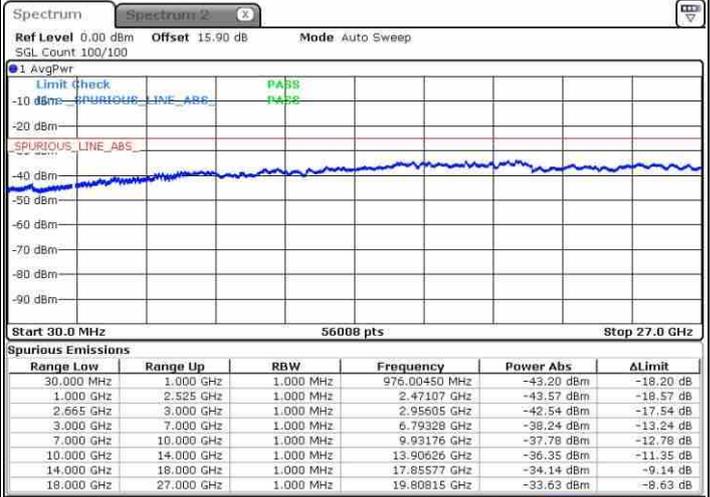
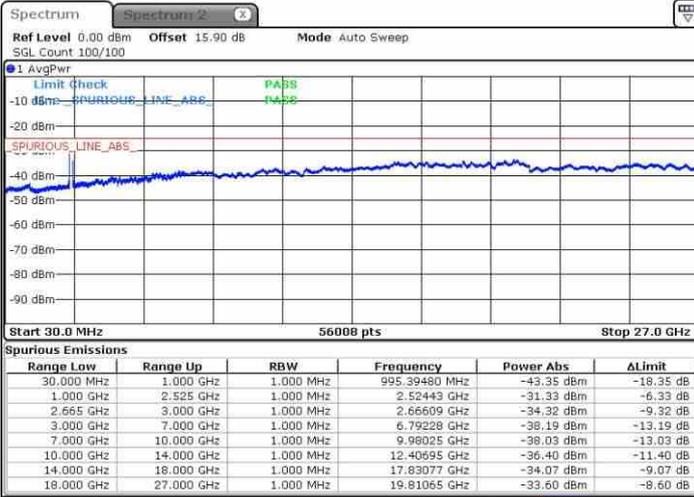


LTE Band 38C / 15MHz+15MHz

16QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0

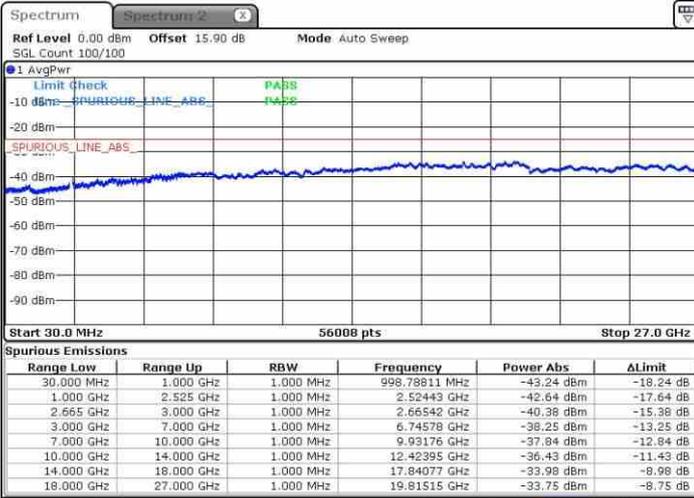


Date: 18 JUN 2019 19:51:04

Date: 18 JUN 2019 19:55:12

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 19:46:54

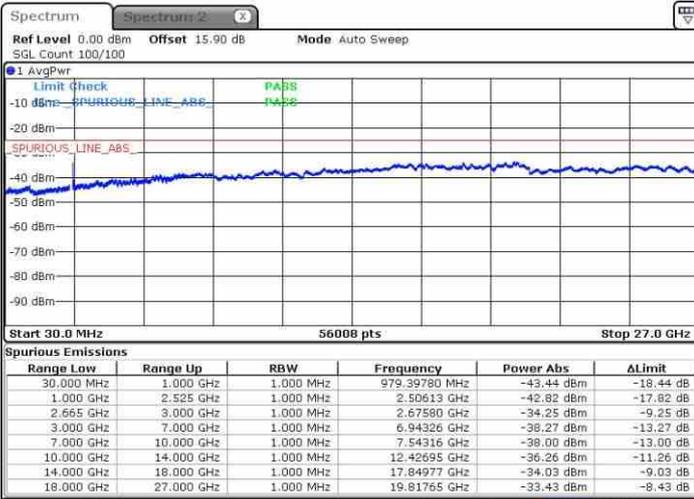


LTE Band 38C / 15MHz+15MHz

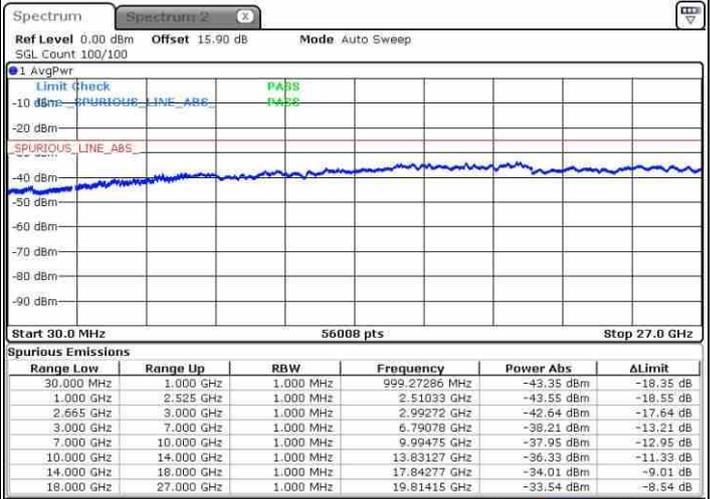
16QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



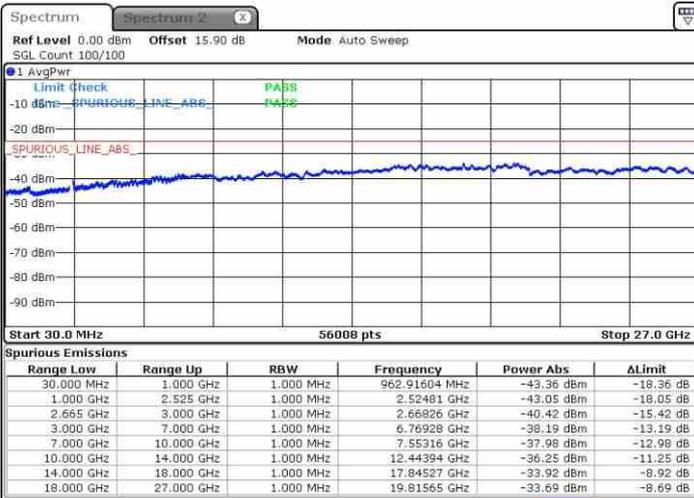
Date: 18 JUN 2019 20:32:29



Date: 18 JUN 2019 20:28:21

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 20:36:39

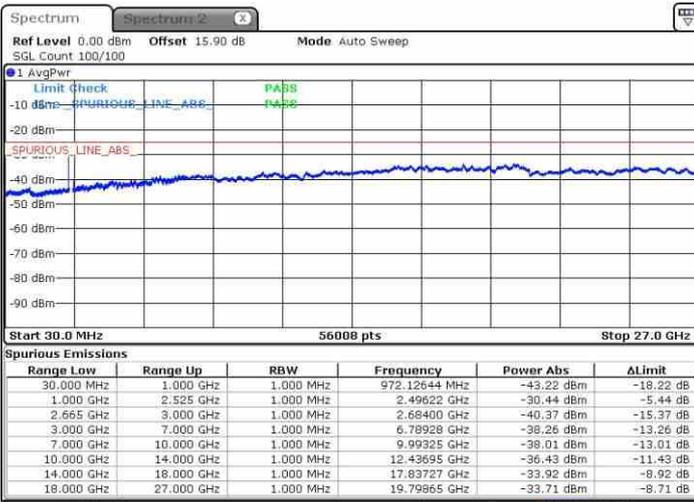


LTE Band 38C / 20MHz+20MHz

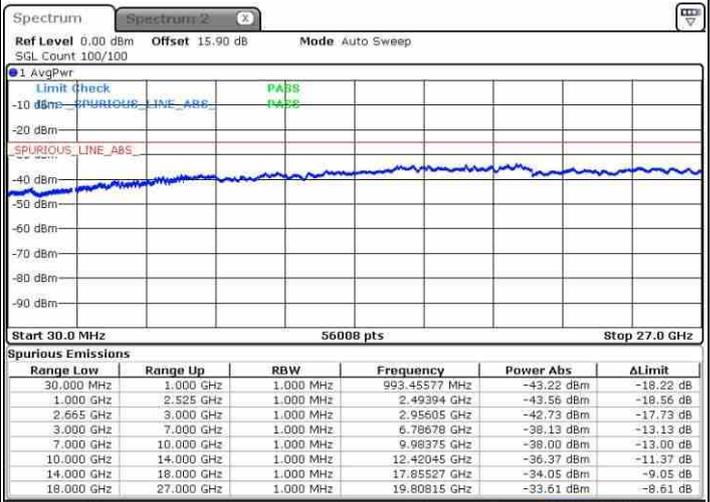
16QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



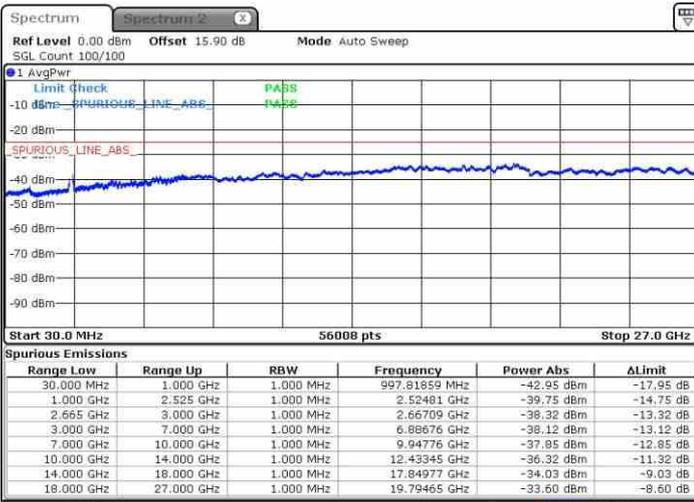
Date: 18 JUN 2019 21:29:51



Date: 18 JUN 2019 21:25:43

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 21:34:01

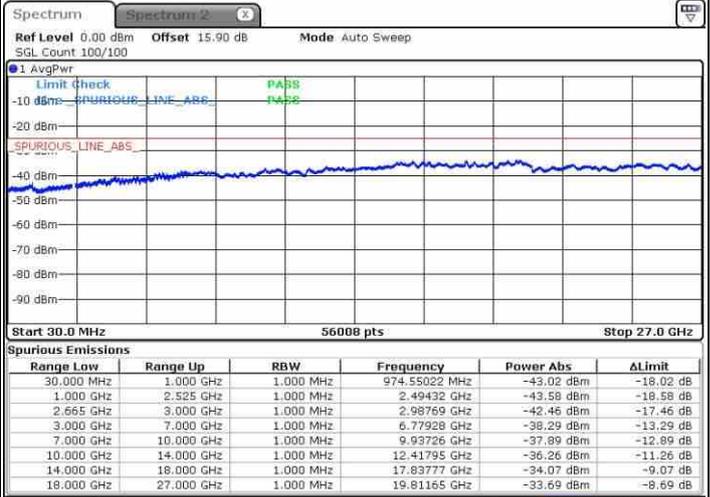
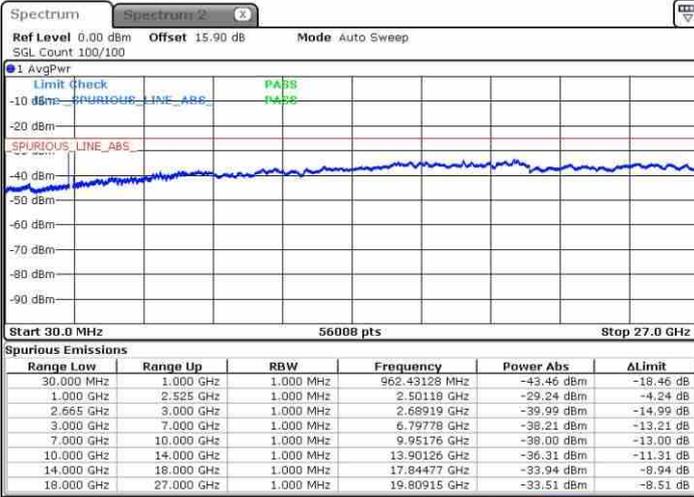


LTE Band 38C / 20MHz+20MHz

16QAM

Middle Channel / 1RB0 and 1RB9

Middle Channel / 1RB99 and 1RB0

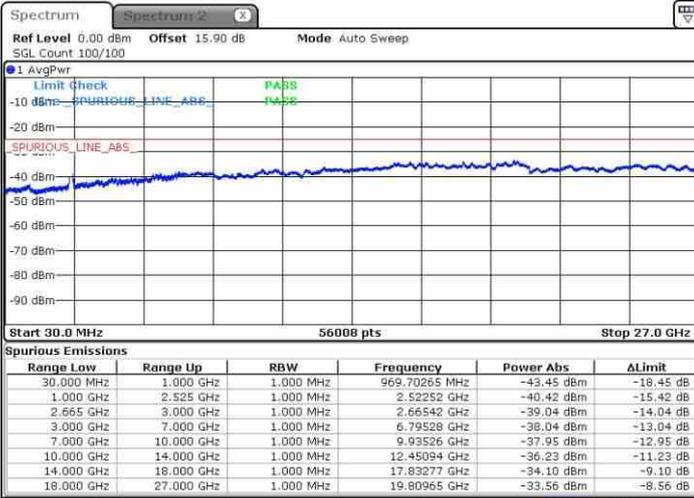


Date: 18 JUN 2019 21:51:43

Date: 18 JUN 2019 21:55:52

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 21:47:33

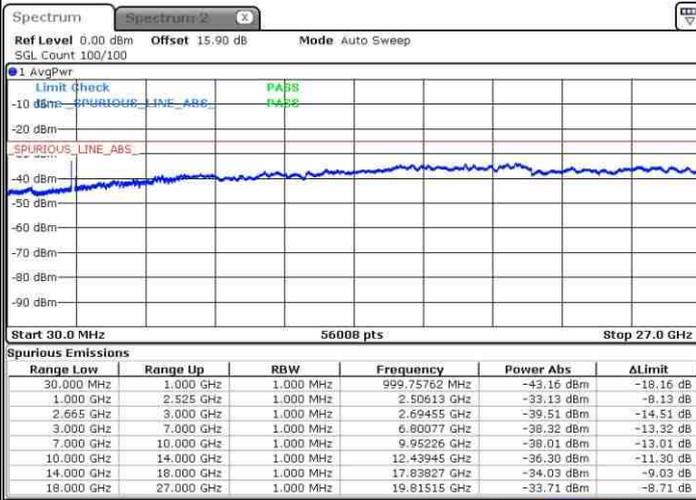


LTE Band 38C / 20MHz+20MHz

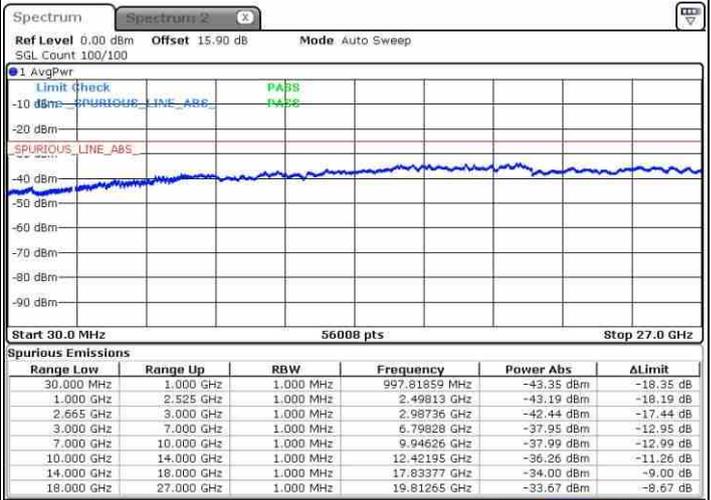
16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



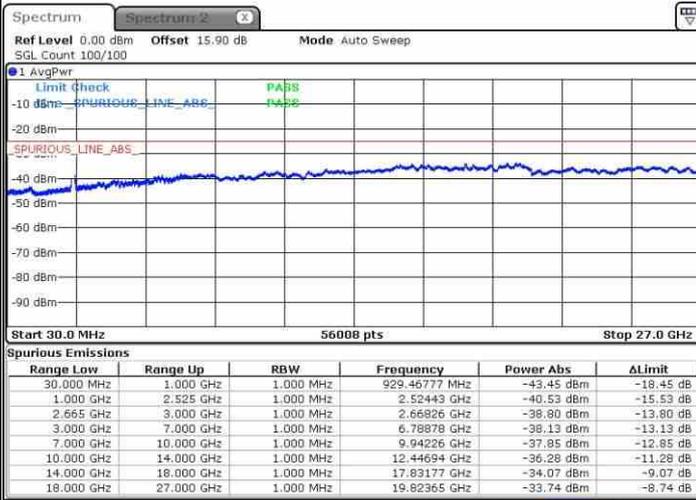
Date: 18 JUN 2019 22:34:33



Date: 18 JUN 2019 22:30:24

Highest Channel / FullRB

N/A



Date: 18 JUN 2019 22:38:43

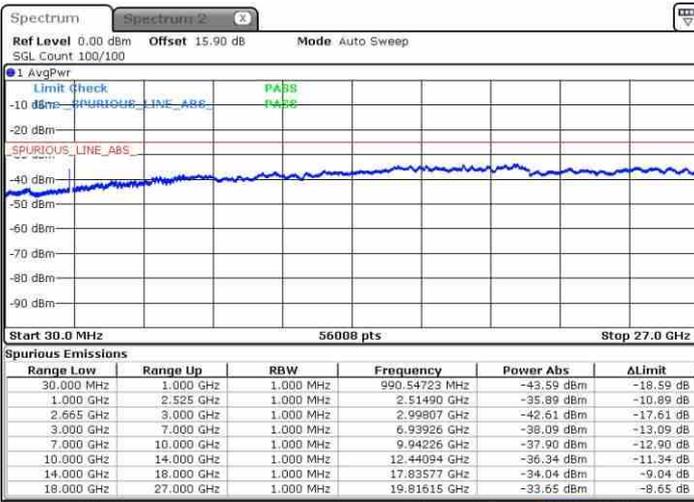


LTE Band 38C / 15MHz+15MHz

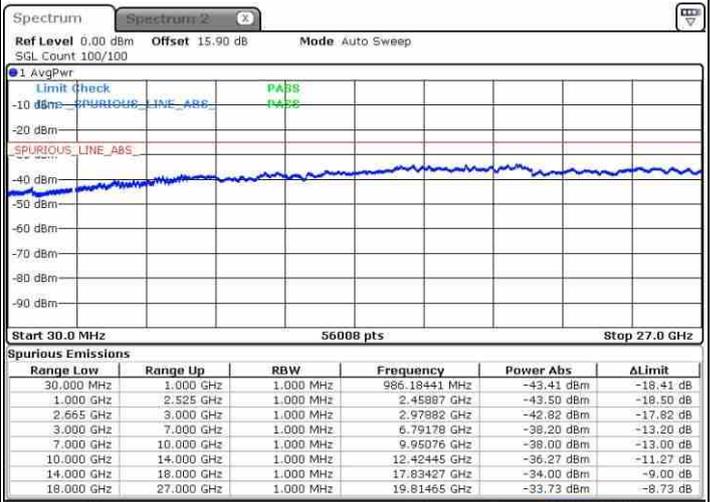
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



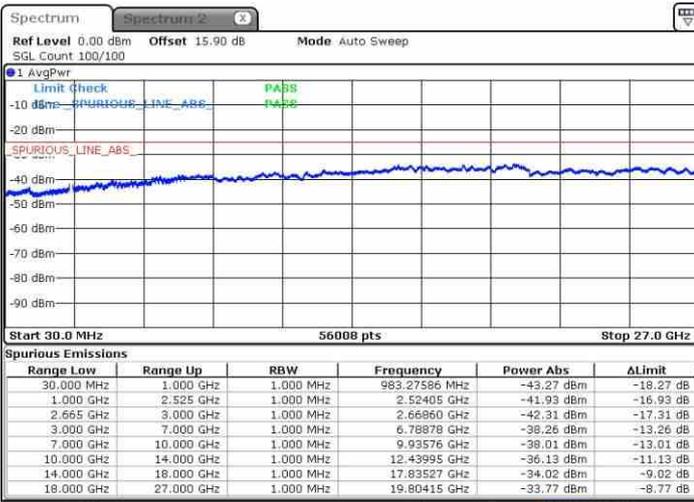
Date: 18 JUN 2019 19:32:30



Date: 18 JUN 2019 19:25:35

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 19:33:54

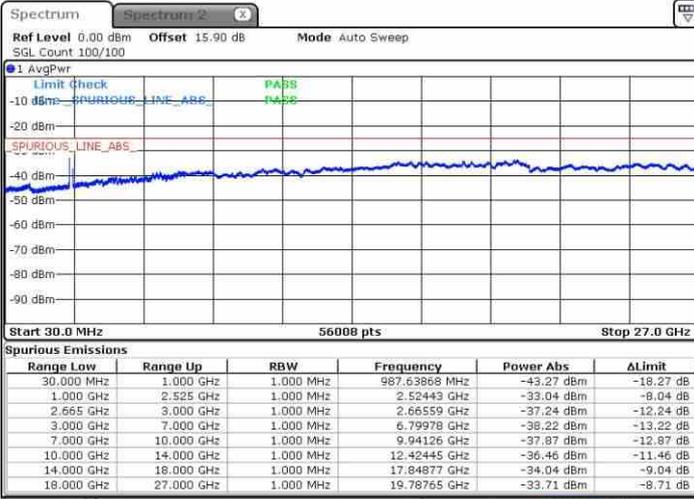


LTE Band 38C / 15MHz+15MHz

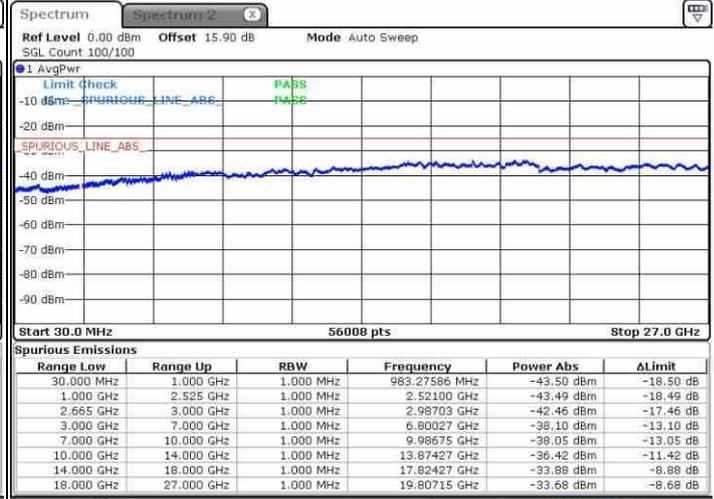
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



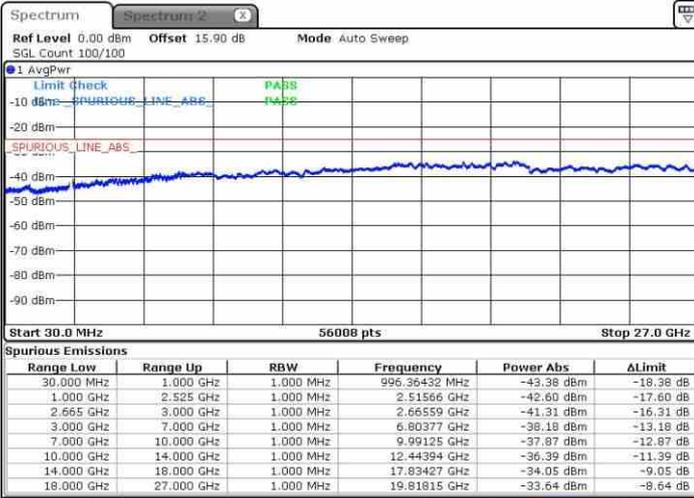
Date: 18 JUN 2019 19:49:41



Date: 18 JUN 2019 19:58:38

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 19:48:17

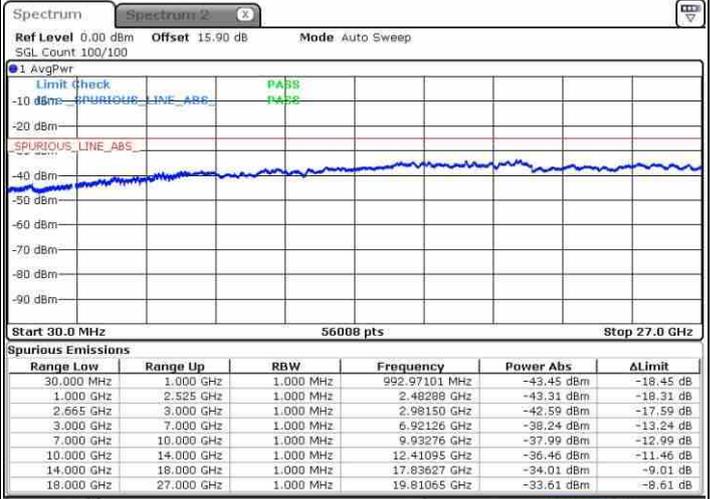
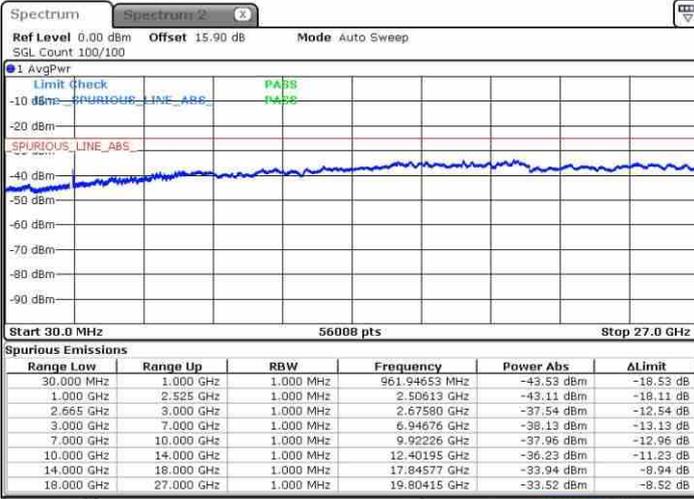


LTE Band 38C / 15MHz+15MHz

64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0

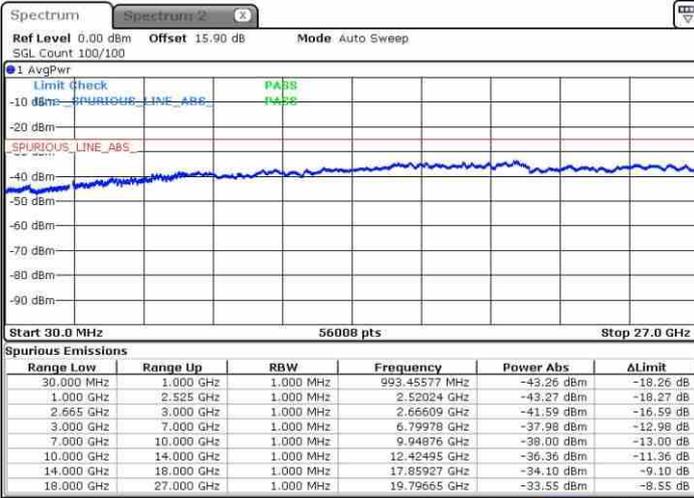


Date: 18 JUN 2019 20:31:06

Date: 18 JUN 2019 20:29:44

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 20:38:03



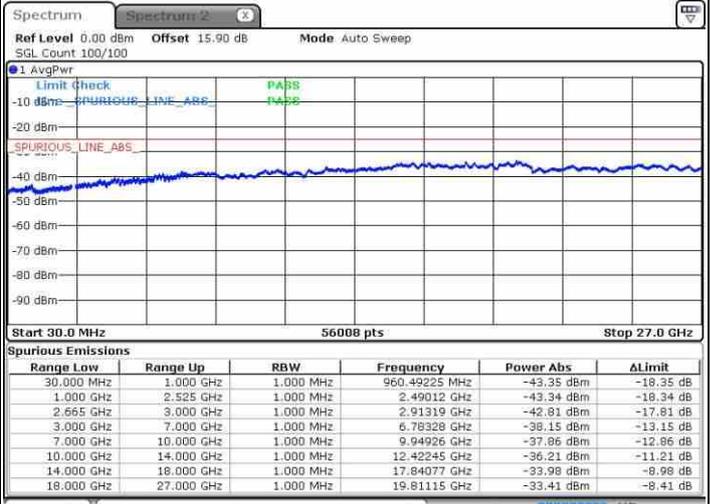
LTE Band 38C / 20MHz+20MHz

64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

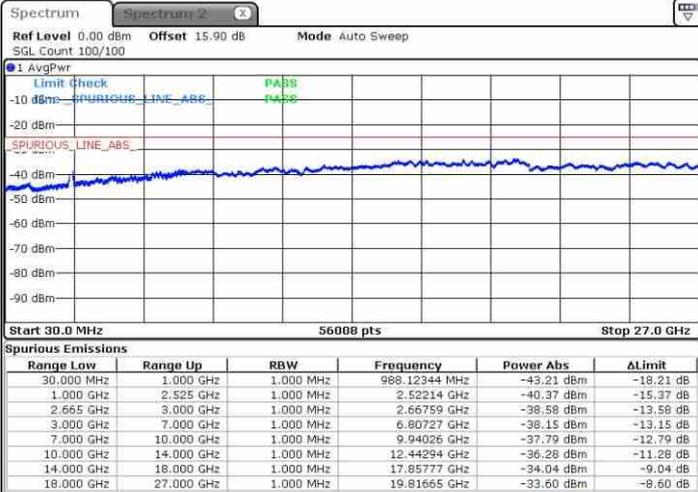
PIC_CE_Band38_20M20M_L_1RB0_1RBmax_64QAM



Date: 18 JUN 2019 21:24:20

Lowest Channel / FullIRB

N/A



Date: 18 JUN 2019 21:32:38

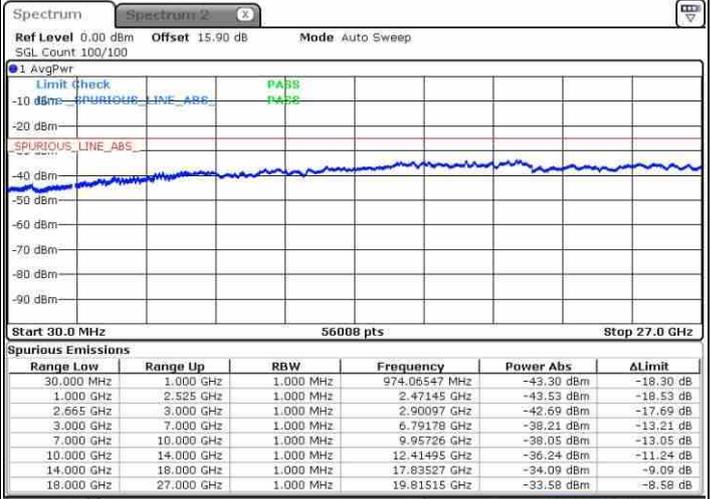
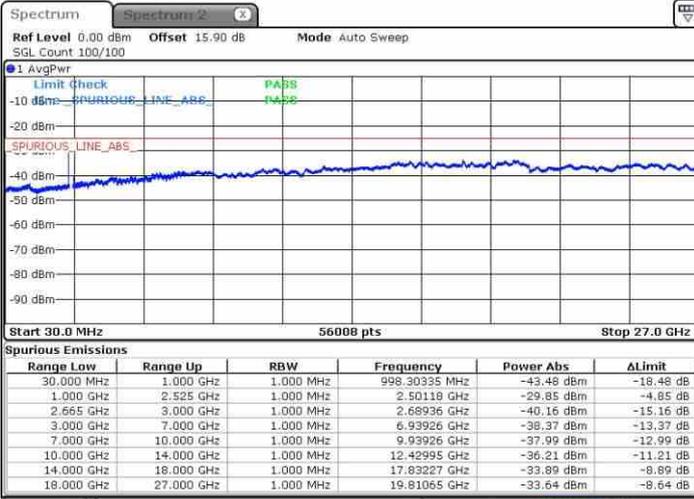


LTE Band 38C / 20MHz+20MHz

64QAM

Middle Channel / 1RB0 and 1RB9

Middle Channel / 1RB99 and 1RB0

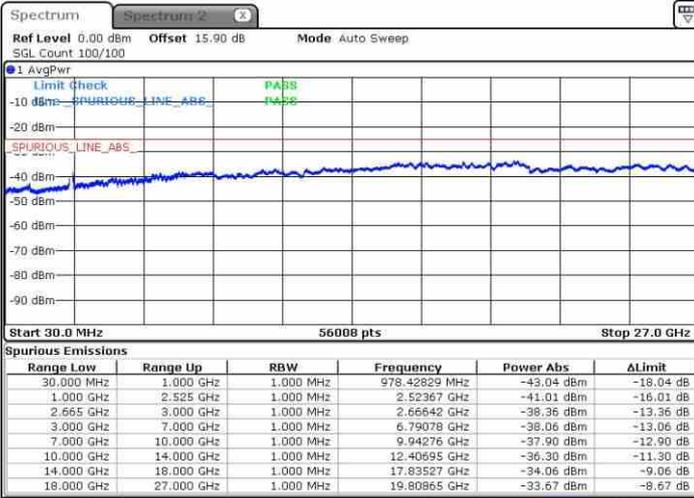


Date: 18 JUN 2019 21:50:20

Date: 18 JUN 2019 21:57:15

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 21:48:56

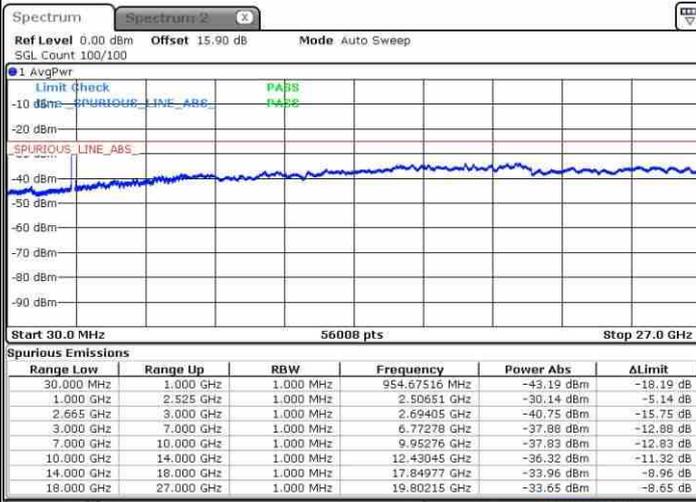


LTE Band 38C / 20MHz+20MHz

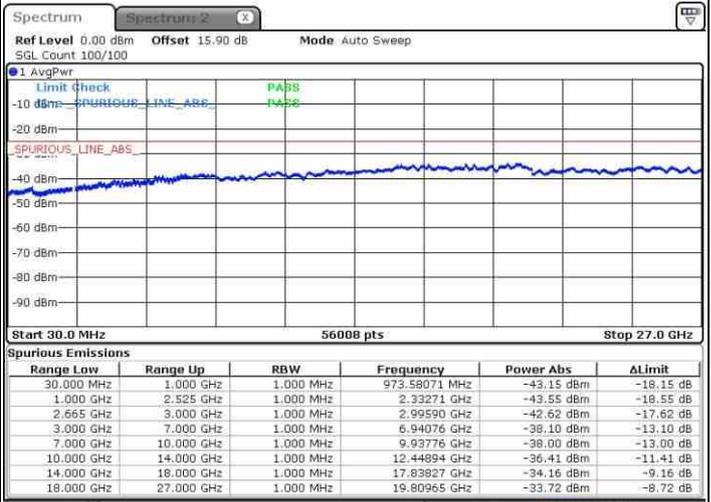
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



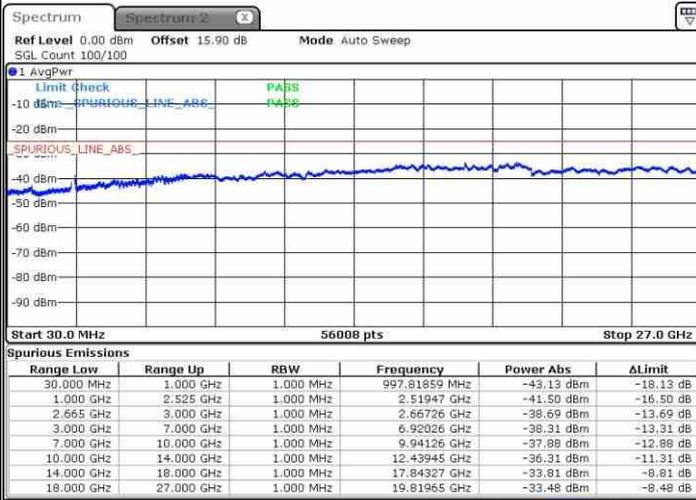
Date: 18 JUN 2019 22:33:09



Date: 18 JUN 2019 22:31:47

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 22:40:07



LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.65	4.93	4.49	5.94	PASS
Middle CH	3.62	4.90	4.58	5.88	
Highest CH	3.65	4.58	4.29	5.68	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.16	6.49	-	-	PASS
Middle CH	5.59	6.49	-	-	
Highest CH	5.54	6.43	-	-	



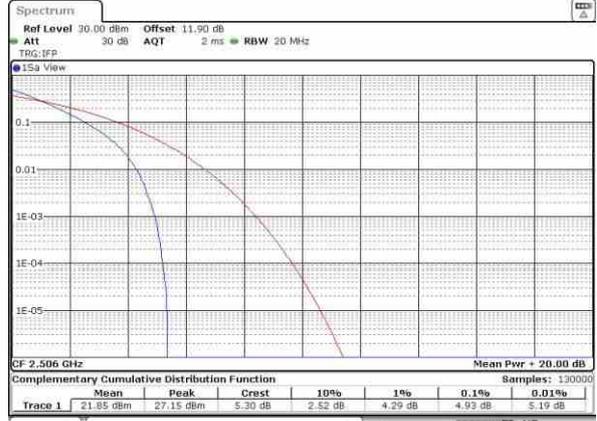
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 23 MAY 2019 03:41:34

Lowest Channel / Full RB



Date: 23 MAY 2019 03:41:50

Middle Channel / 1RB



Date: 23 MAY 2019 03:42:06

Middle Channel / Full RB



Date: 23 MAY 2019 03:42:21

Highest Channel / 1RB



Date: 23 MAY 2019 03:42:37

Highest Channel / Full RB

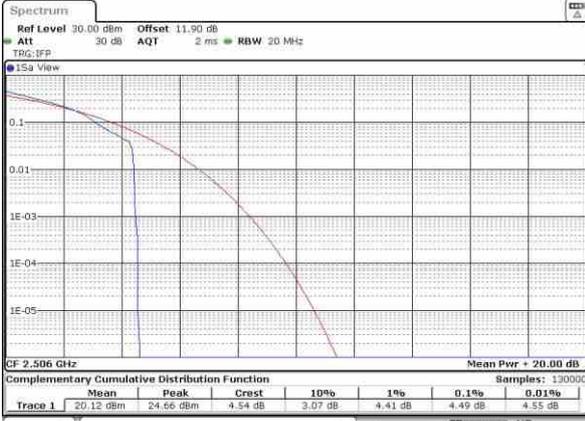


Date: 23 MAY 2019 03:42:54



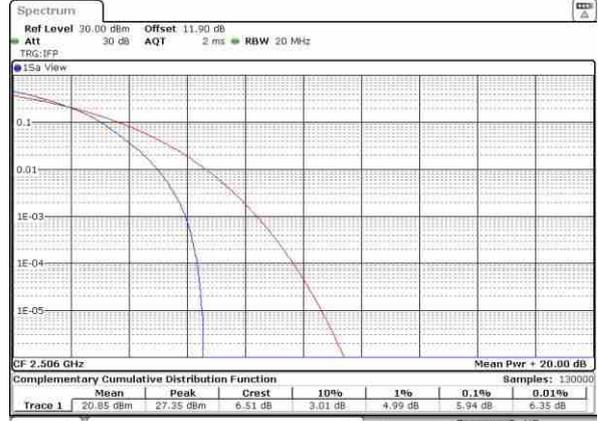
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



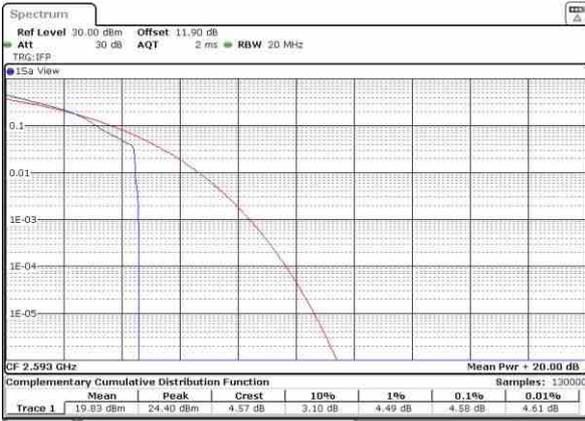
Date: 23 MAY 2019 03:39:59

Lowest Channel / Full RB



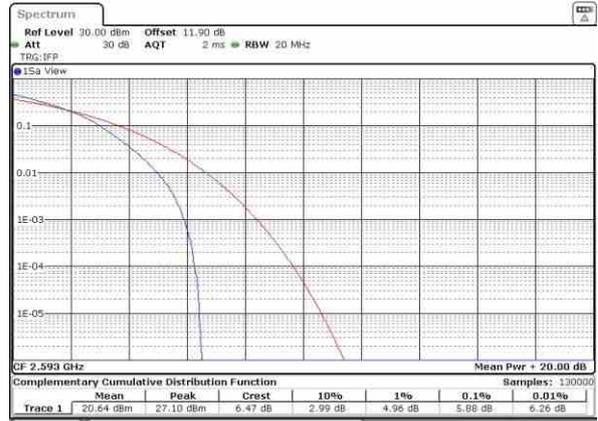
Date: 23 MAY 2019 03:40:15

Middle Channel / 1RB



Date: 23 MAY 2019 03:40:30

Middle Channel / Full RB



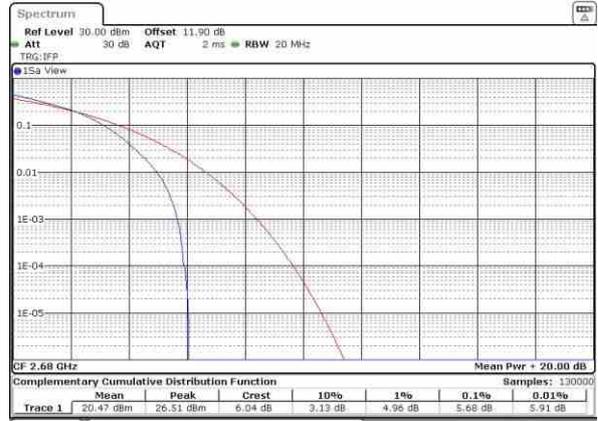
Date: 23 MAY 2019 03:40:45

Highest Channel / 1RB



Date: 23 MAY 2019 03:41:01

Highest Channel / Full RB

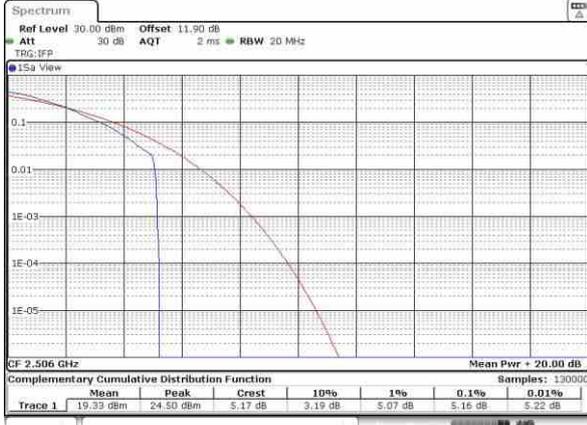


Date: 23 MAY 2019 03:41:18



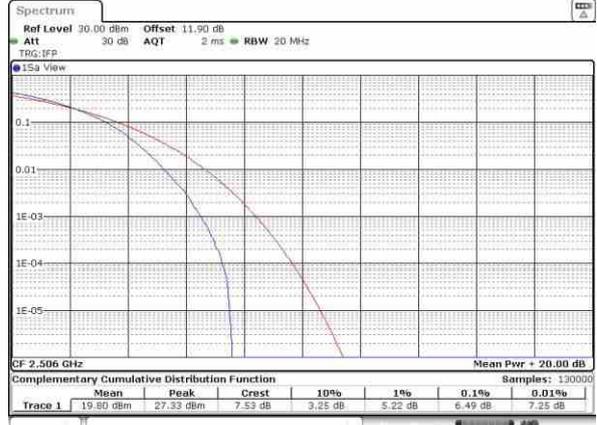
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



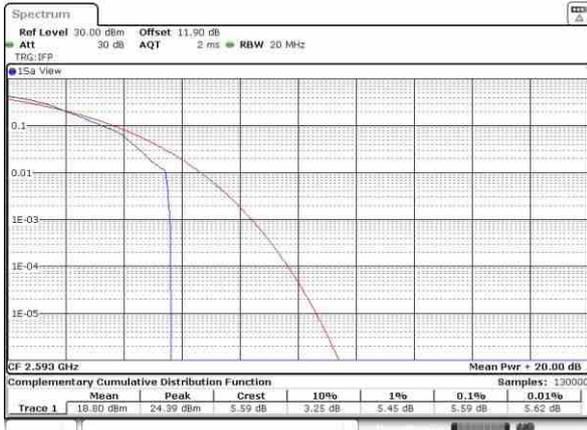
Date: 23 MAY 2019 03:38:17

Lowest Channel / Full RB



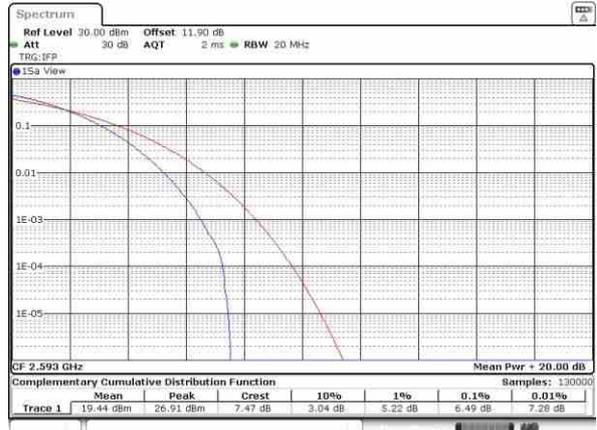
Date: 23 MAY 2019 03:38:33

Middle Channel / 1RB



Date: 23 MAY 2019 03:38:52

Middle Channel / Full RB



Date: 23 MAY 2019 03:39:08

Highest Channel / 1RB



Date: 23 MAY 2019 03:39:25

Highest Channel / Full RB



Date: 23 MAY 2019 03:39:42



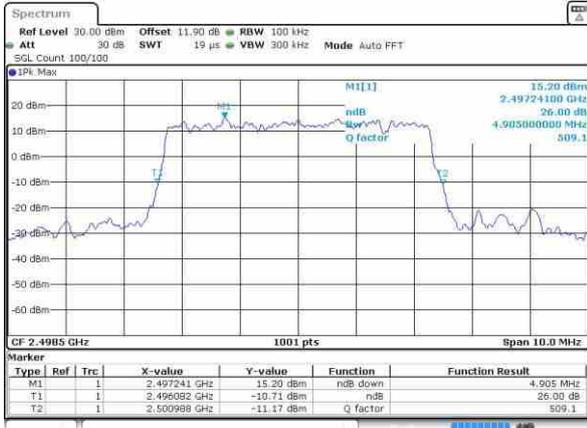
26dB Bandwidth

Mode	LTE Band 41 : 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	4.83	9.69	9.67	14.12	14.21	18.90	18.74
Middle CH	-	-	-	-	4.80	4.88	9.63	9.77	14.24	14.24	18.94	19.02
Highest CH	-	-	-	-	4.92	4.95	9.77	9.77	14.18	14.33	18.82	19.06
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.84	-	9.63	-	14.18	-	18.90	-
Middle CH	-	-	-	-	4.93	-	9.81	-	14.12	-	18.66	-
Highest CH	-	-	-	-	4.84	-	9.75	-	14.18	-	18.70	-



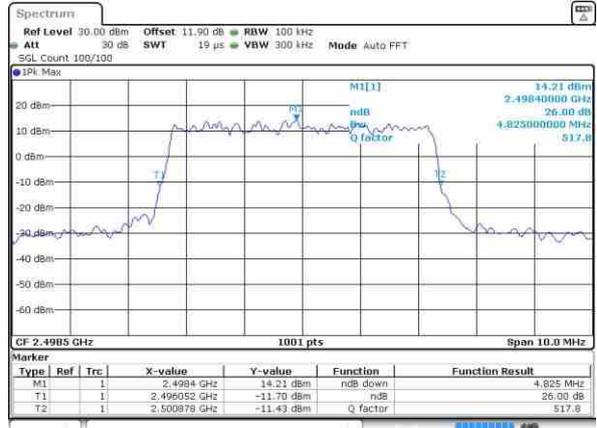
LTE Band 41

Lowest Channel / 5MHz / QPSK



Date: 23 MAY 2019 03:22:30

Lowest Channel / 5MHz / 16QAM



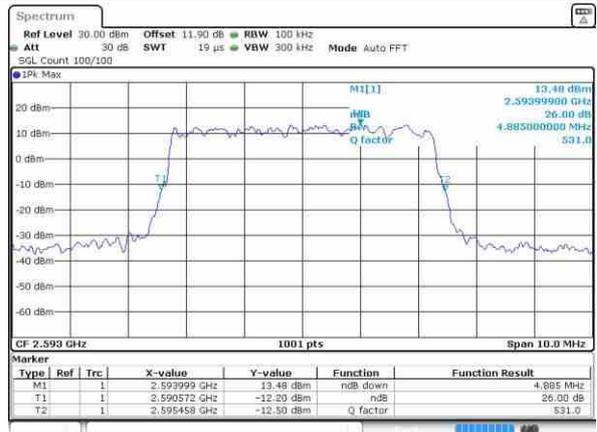
Date: 23 MAY 2019 03:22:42

Middle Channel / 5MHz / QPSK



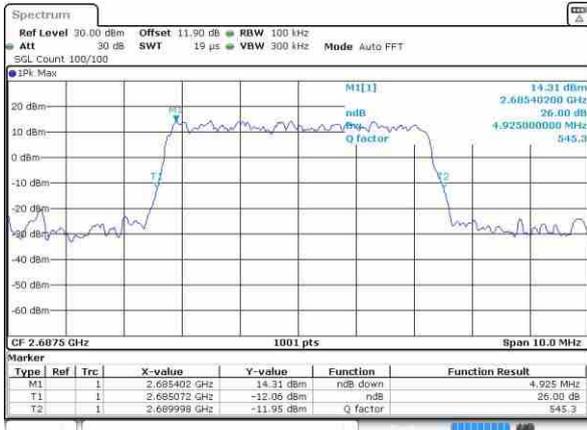
Date: 23 MAY 2019 03:23:17

Middle Channel / 5MHz / 16QAM



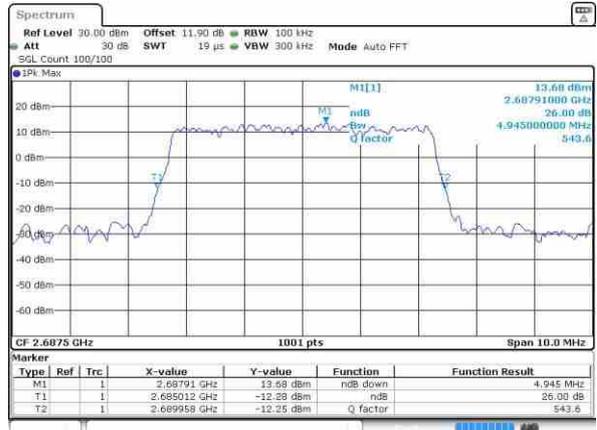
Date: 23 MAY 2019 03:23:29

Highest Channel / 5MHz / QPSK



Date: 23 MAY 2019 03:24:05

Highest Channel / 5MHz / 16QAM

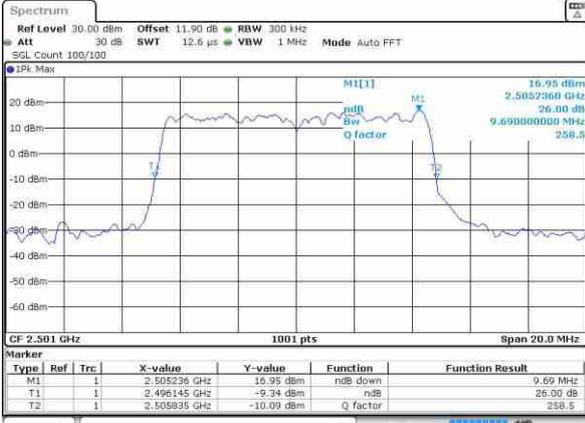


Date: 23 MAY 2019 03:24:18



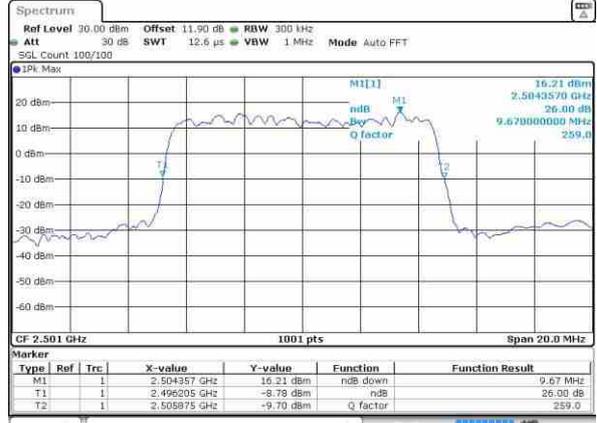
LTE Band 41

Lowest Channel / 10MHz / QPSK



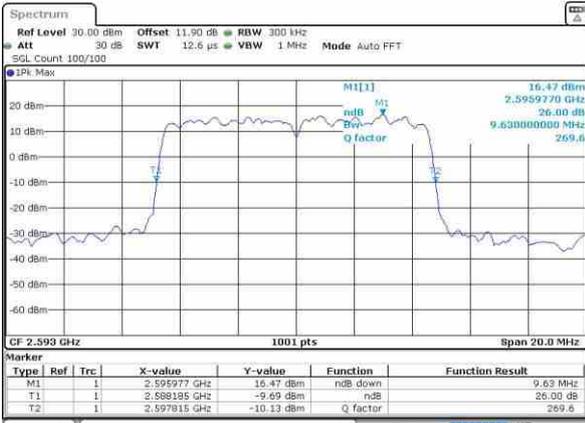
Date: 23 MAY 2019 03:24:56

Lowest Channel / 10MHz / 16QAM



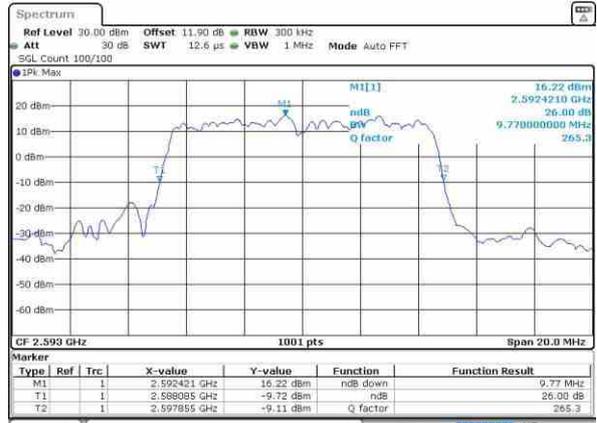
Date: 23 MAY 2019 03:25:08

Middle Channel / 10MHz / QPSK



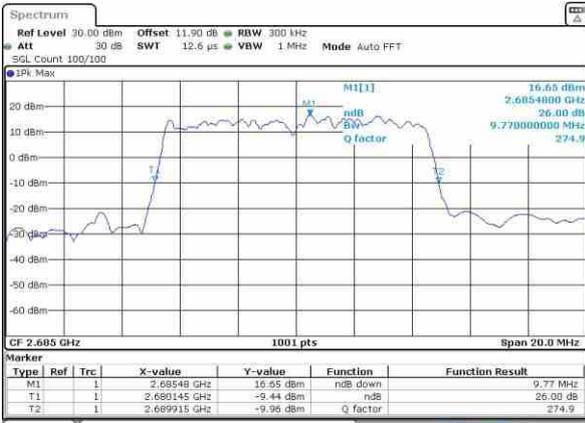
Date: 23 MAY 2019 03:25:44

Middle Channel / 10MHz / 16QAM



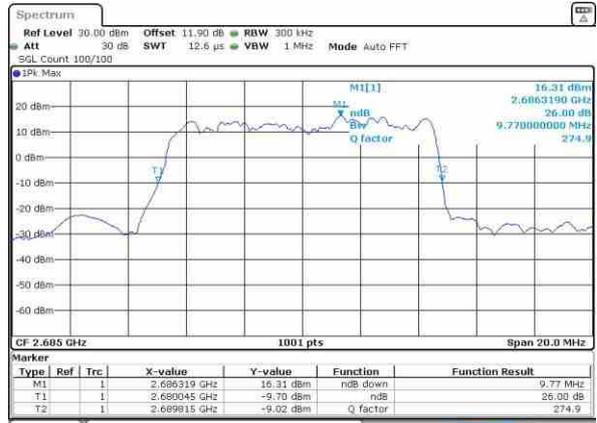
Date: 23 MAY 2019 03:25:56

Highest Channel / 10MHz / QPSK



Date: 23 MAY 2019 03:26:33

Highest Channel / 10MHz / 16QAM

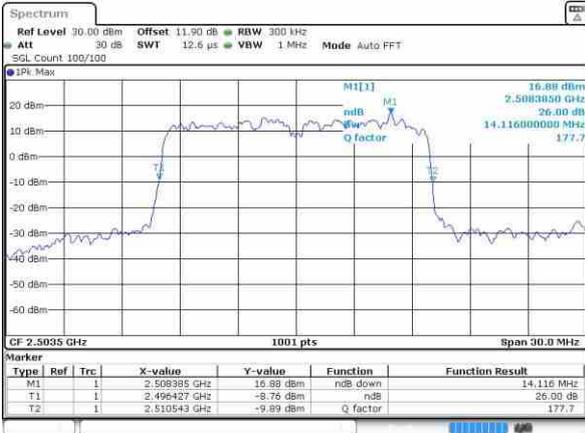


Date: 23 MAY 2019 03:26:45



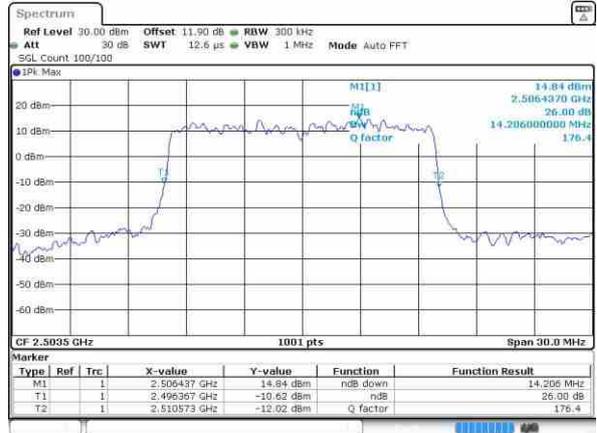
LTE Band 41

Lowest Channel / 15MHz / QPSK



Date: 23 MAY 2019 03:27:24

Lowest Channel / 15MHz / 16QAM



Date: 23 MAY 2019 03:27:36

Middle Channel / 15MHz / QPSK



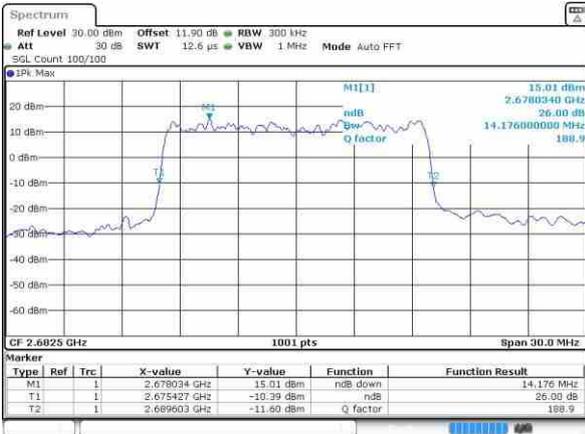
Date: 23 MAY 2019 03:28:12

Middle Channel / 15MHz / 16QAM



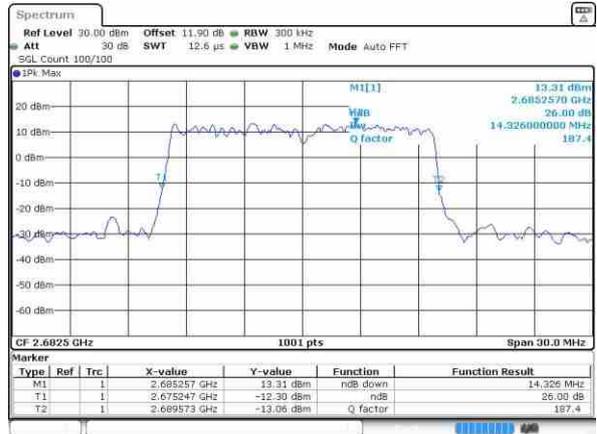
Date: 23 MAY 2019 03:28:23

Highest Channel / 15MHz / QPSK



Date: 23 MAY 2019 03:29:00

Highest Channel / 15MHz / 16QAM

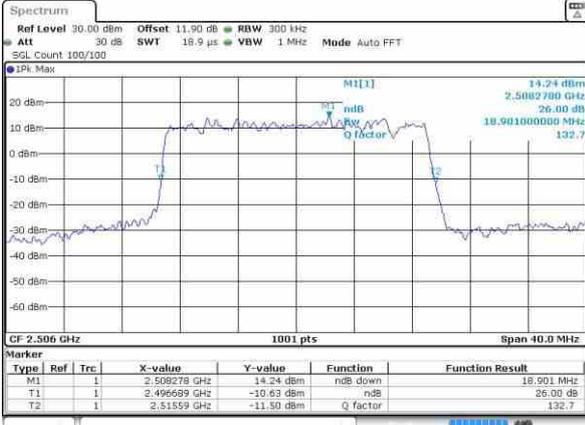


Date: 23 MAY 2019 03:29:12



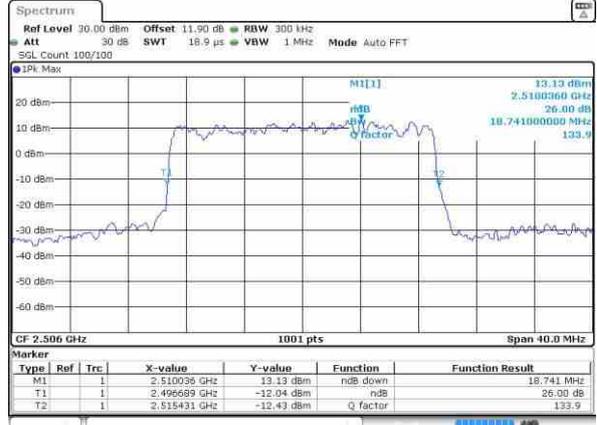
LTE Band 41

Lowest Channel / 20MHz / QPSK



Date: 23 MAY 2019 03:29:51

Lowest Channel / 20MHz / 16QAM



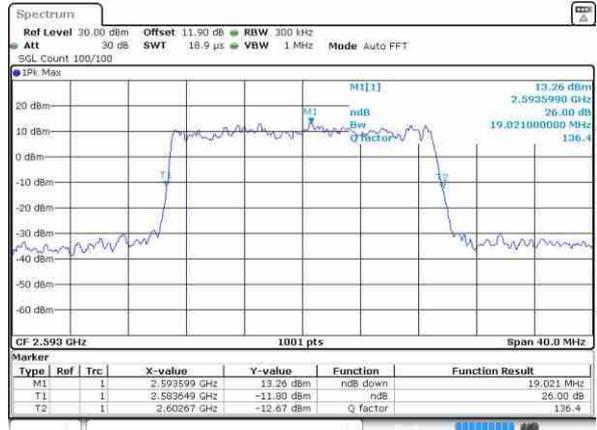
Date: 23 MAY 2019 03:30:03

Middle Channel / 20MHz / QPSK



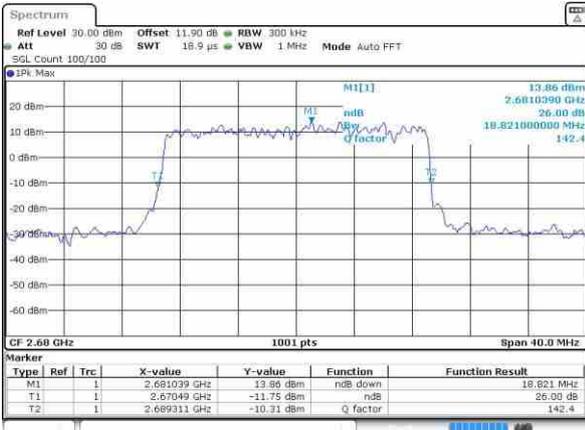
Date: 23 MAY 2019 03:30:38

Middle Channel / 20MHz / 16QAM



Date: 23 MAY 2019 03:30:51

Highest Channel / 20MHz / QPSK



Date: 23 MAY 2019 03:31:28

Highest Channel / 20MHz / 16QAM

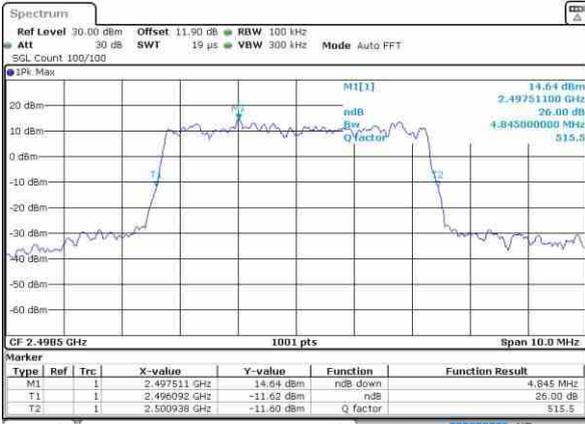


Date: 23 MAY 2019 03:31:40



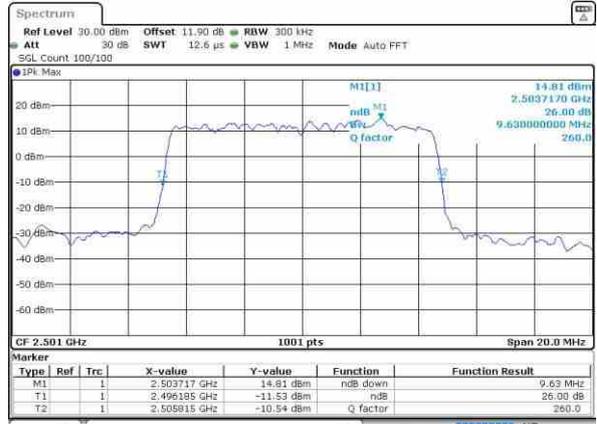
LTE Band 41

Lowest Channel / 5MHz / 64QAM



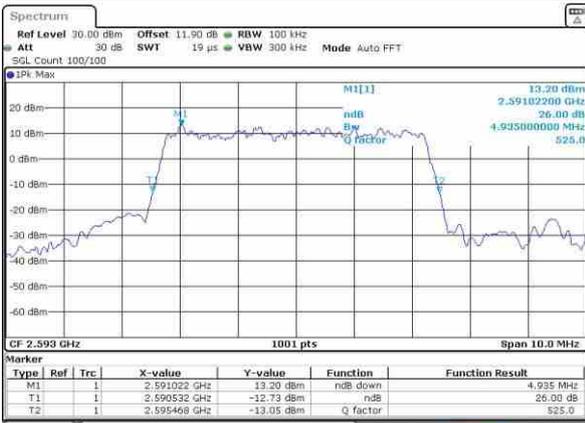
Date: 23 MAY 2019 03:32:05

Lowest Channel / 10MHz / 64QAM



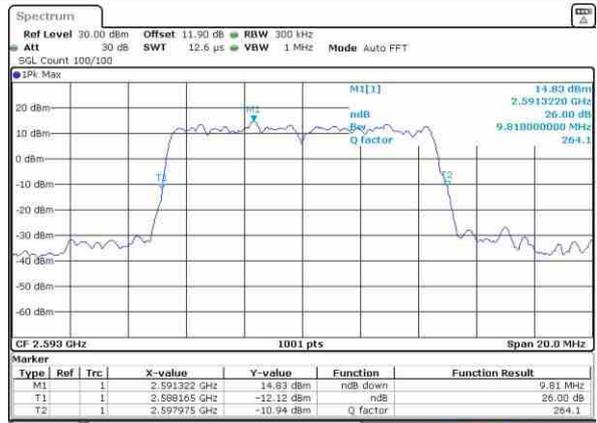
Date: 23 MAY 2019 03:33:20

Middle Channel / 5MHz / 64QAM



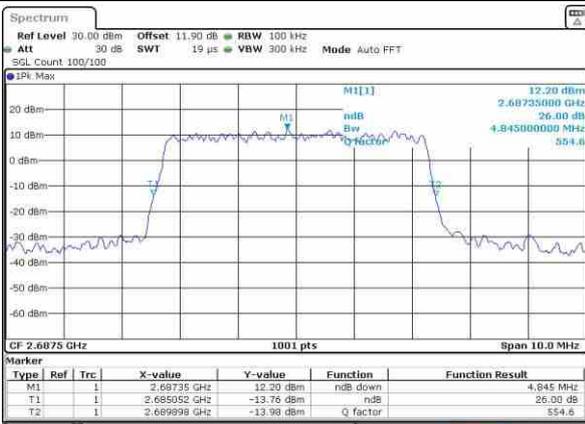
Date: 23 MAY 2019 03:32:30

Middle Channel / 10MHz / 64QAM



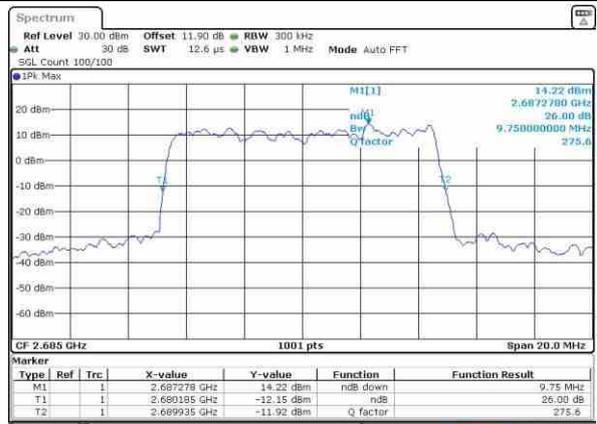
Date: 23 MAY 2019 03:33:44

Highest Channel / 5MHz / 64QAM



Date: 23 MAY 2019 03:32:54

Highest Channel / 10MHz / 64QAM

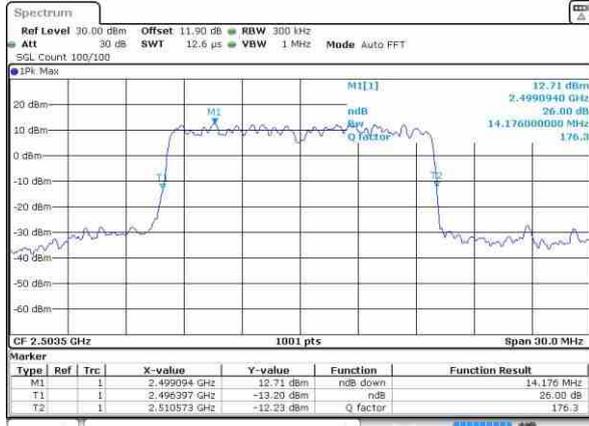


Date: 23 MAY 2019 03:34:08



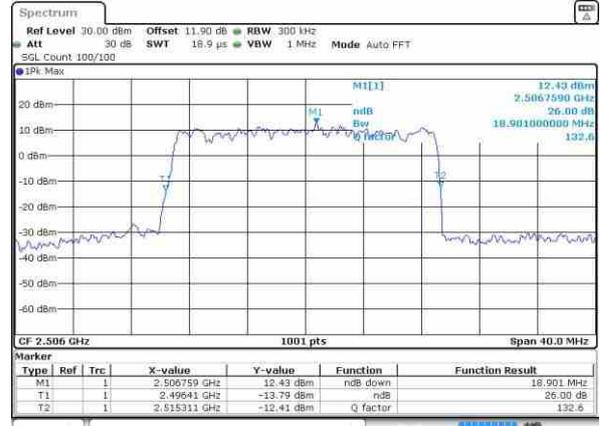
LTE Band 41

Lowest Channel / 15MHz / 64QAM



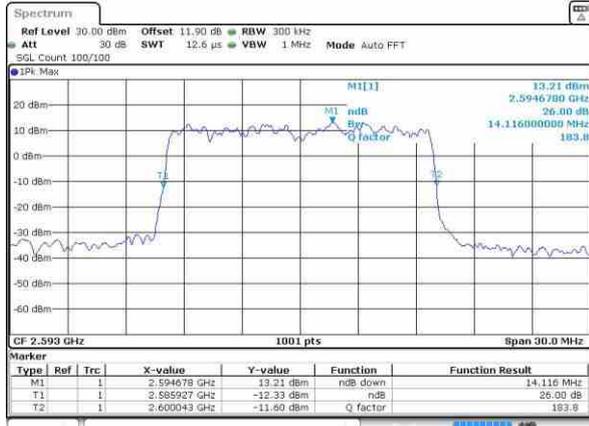
Date: 23 MAY 2019 03:34:34

Lowest Channel / 20MHz / 64QAM



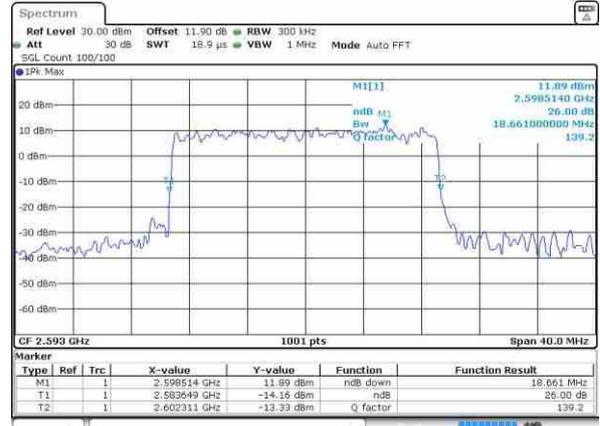
Date: 23 MAY 2019 03:35:48

Middle Channel / 15MHz / 64QAM



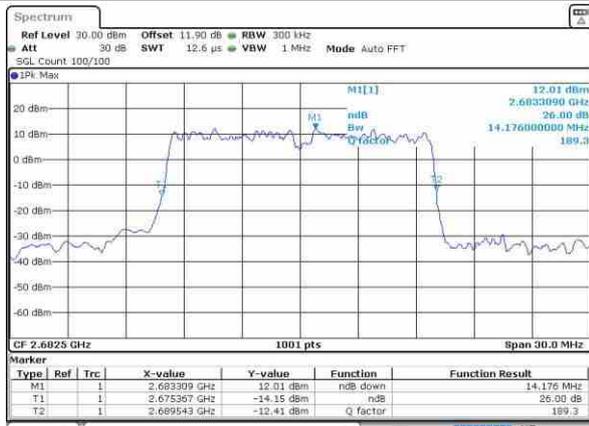
Date: 23 MAY 2019 03:35:58

Middle Channel / 20MHz / 64QAM



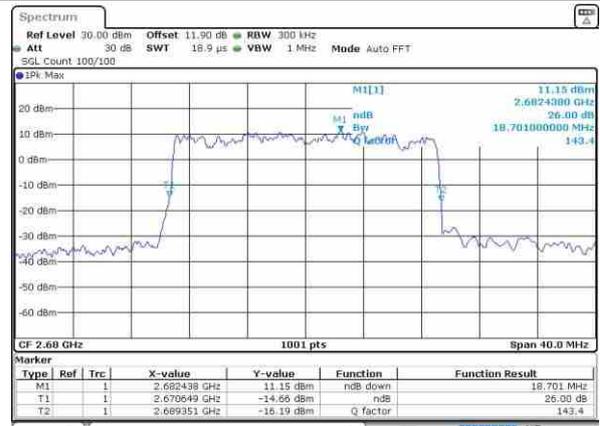
Date: 23 MAY 2019 03:36:12

Highest Channel / 15MHz / 64QAM



Date: 23 MAY 2019 03:35:22

Highest Channel / 20MHz / 64QAM



Date: 23 MAY 2019 03:36:36



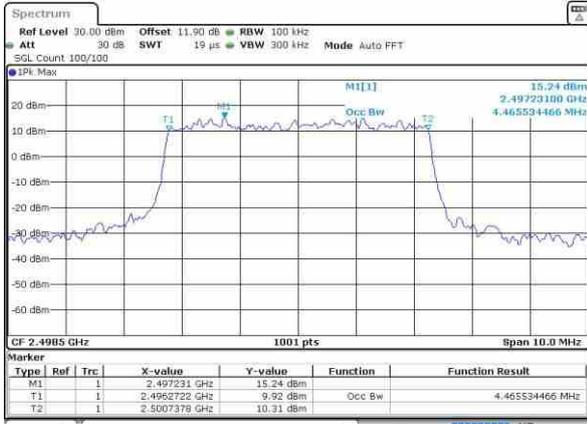
Occupied Bandwidth

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	-	-	-	-	4.47	4.47	9.03	8.99	13.46	13.43	17.82	17.78
Middle CH	-	-	-	-	4.48	4.49	9.01	9.05	13.43	13.46	17.90	17.82
Highest CH	-	-	-	-	4.50	4.47	9.03	8.99	13.49	13.46	17.90	17.86
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.53	-	8.99	-	13.43	-	17.82	-
Middle CH	-	-	-	-	4.45	-	9.03	-	13.43	-	17.90	-
Highest CH	-	-	-	-	4.48	-	9.03	-	13.46	-	17.86	-



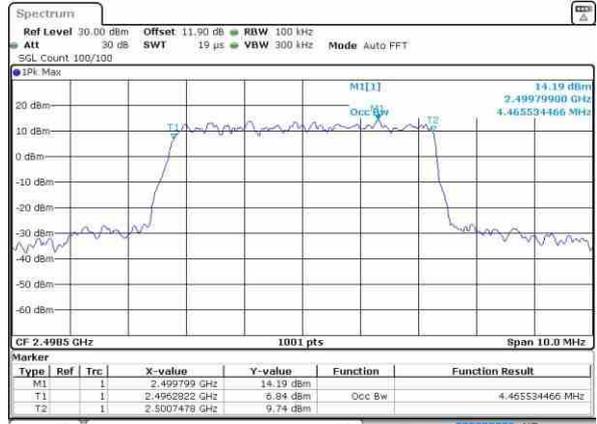
LTE Band 41

Lowest Channel / 5MHz / QPSK



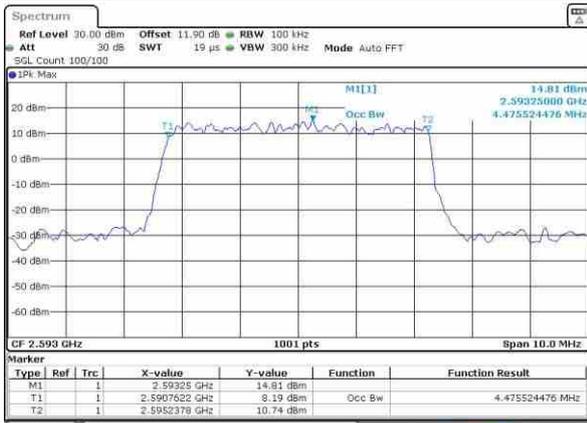
Date: 23 MAY 2019 03:22:05

Lowest Channel / 5MHz / 16QAM



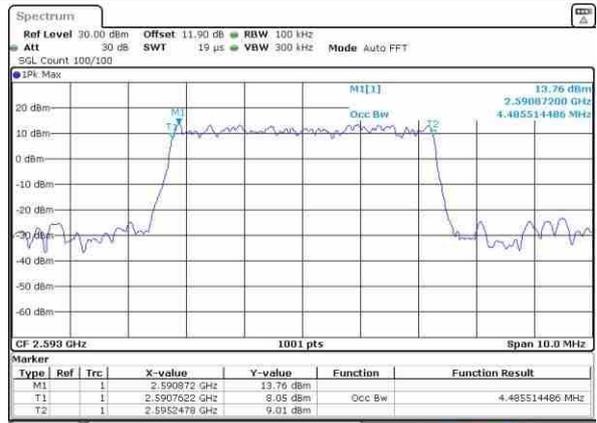
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Middle Channel / 5MHz / QPSK



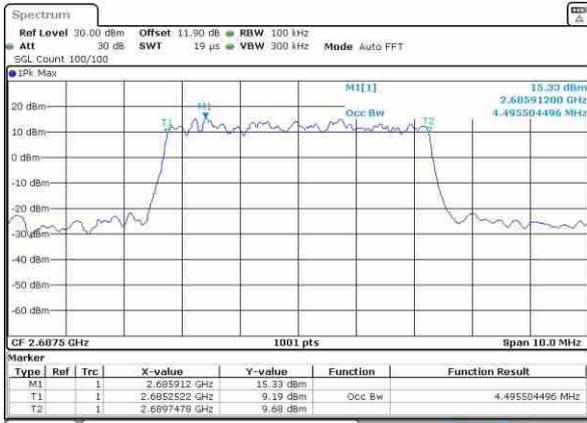
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Middle Channel / 5MHz / 16QAM



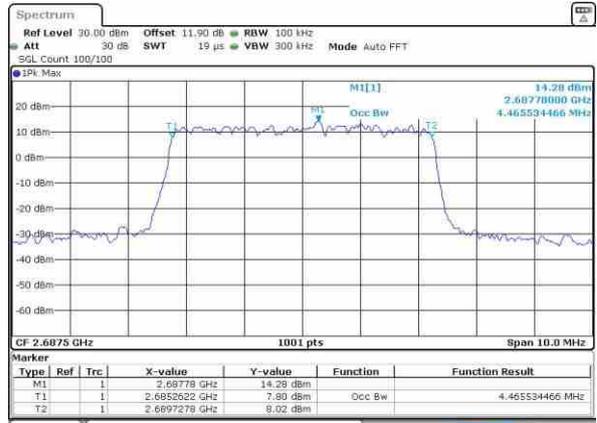
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Highest Channel / 5MHz / QPSK



Date: 23 MAY 2019 03:23:41

Highest Channel / 5MHz / 16QAM

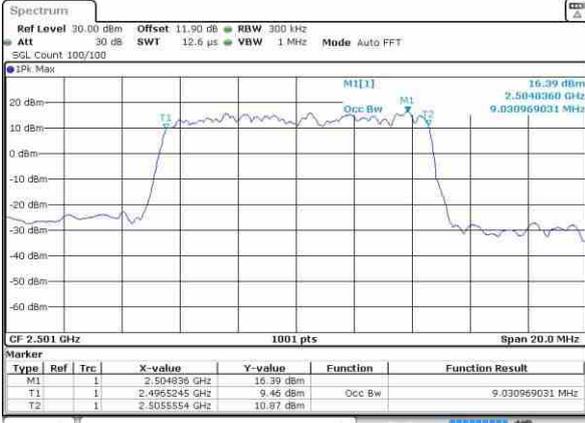


Date: 23 MAY 2019 03:23:53



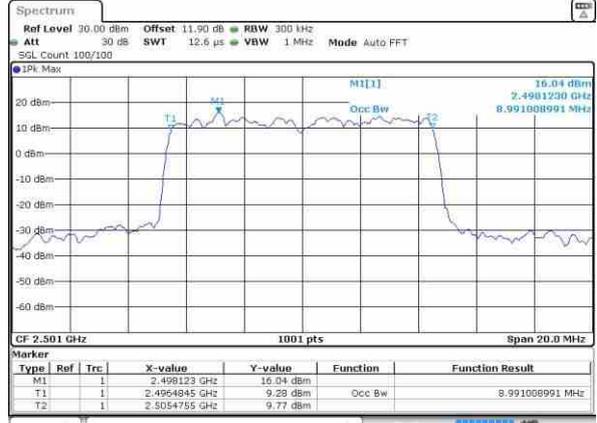
LTE Band 41

Lowest Channel / 10MHz / QPSK



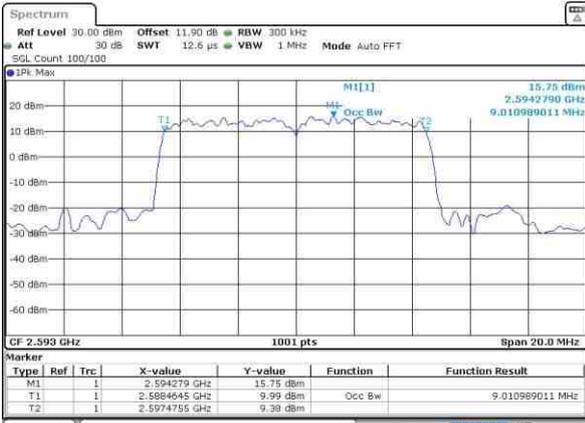
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Lowest Channel / 10MHz / 16QAM



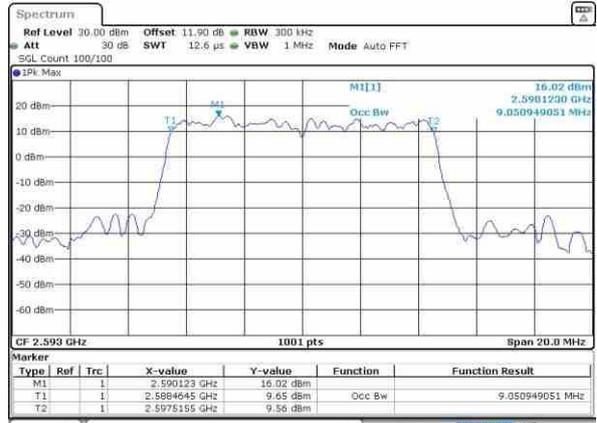
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Middle Channel / 10MHz / QPSK



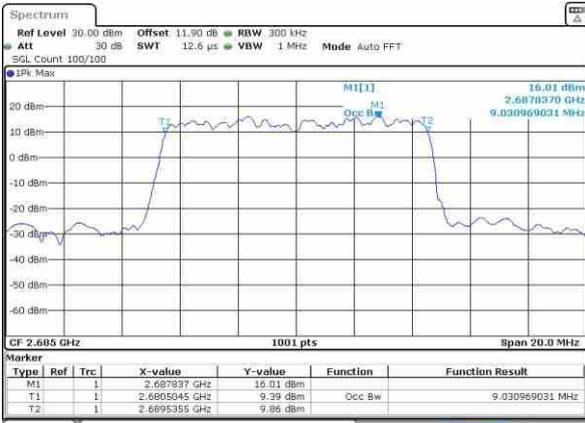
Date: 23 MAY 2019 03:25:20

Middle Channel / 10MHz / 16QAM



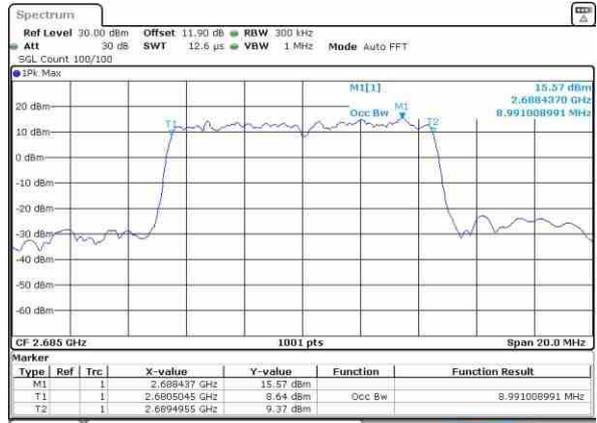
Date: 23 MAY 2019 03:25:32

Highest Channel / 10MHz / QPSK



Date: 23 MAY 2019 03:26:08

Highest Channel / 10MHz / 16QAM

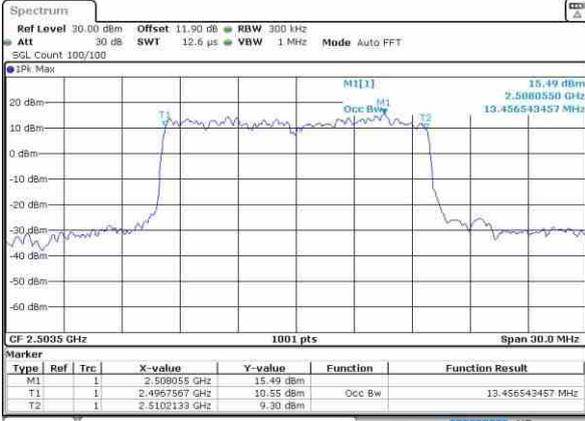


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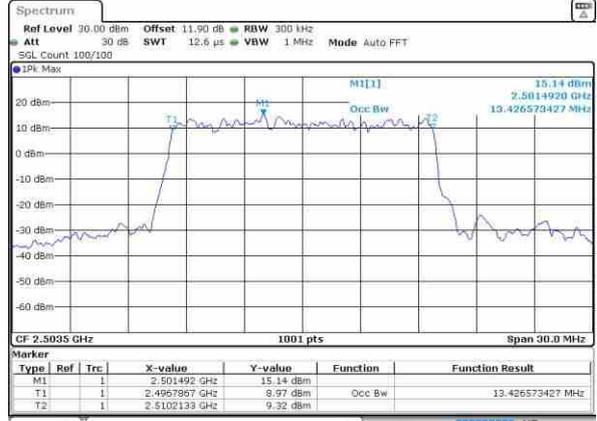


LTE Band 41

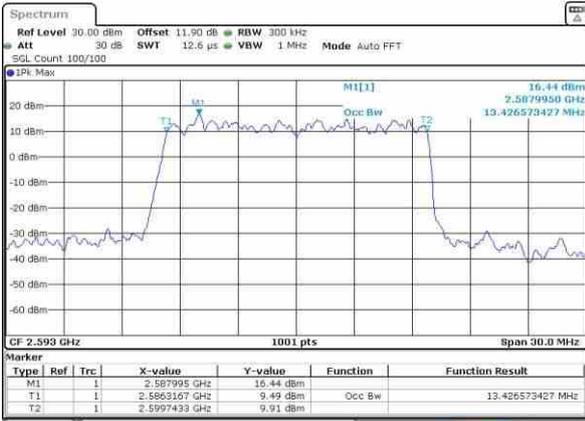
Lowest Channel / 15MHz / QPSK



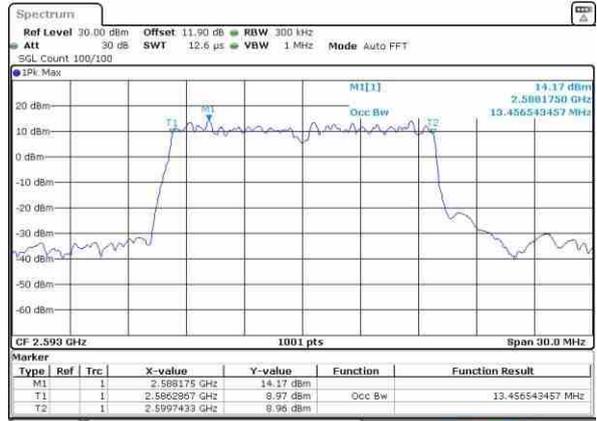
Lowest Channel / 15MHz / 16QAM



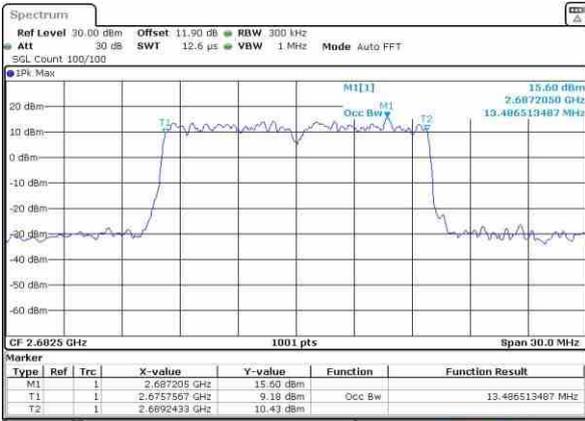
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

