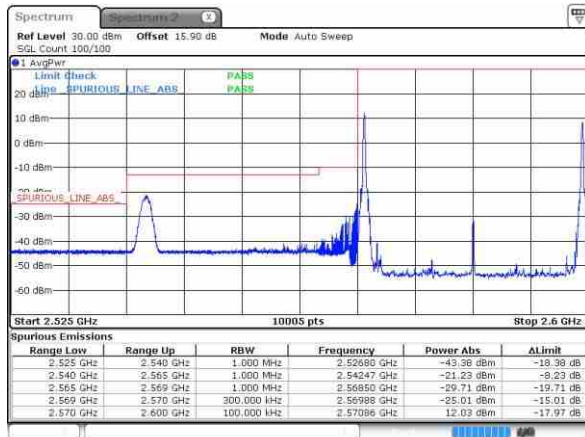




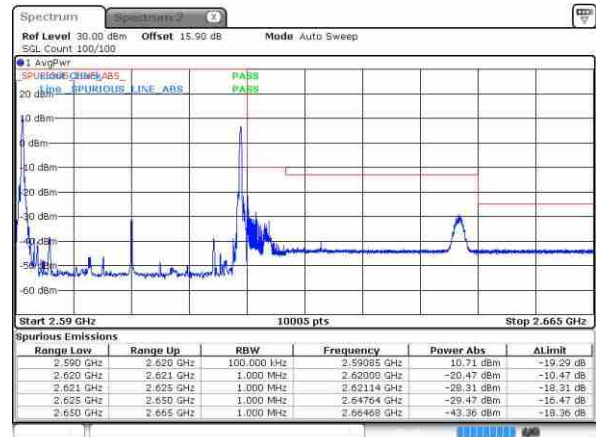
LTE Band 38C / 15MHz+15MHz

QPSK

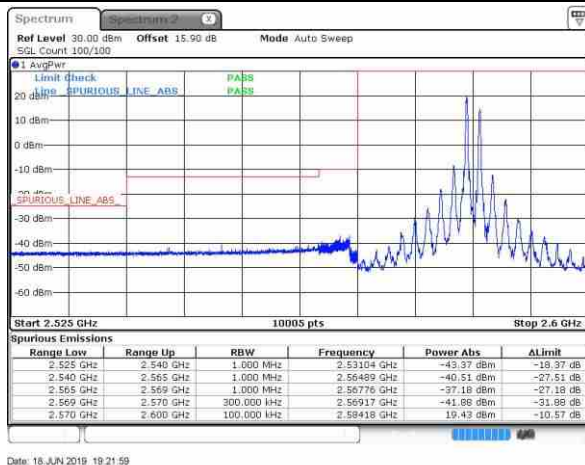
Lowest Band Edge / 1RB0 and 1RB74



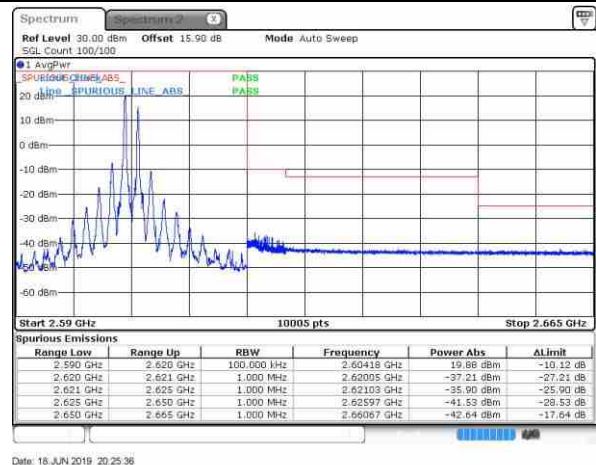
Highest Band Edge / 1RB0 and 1RB74



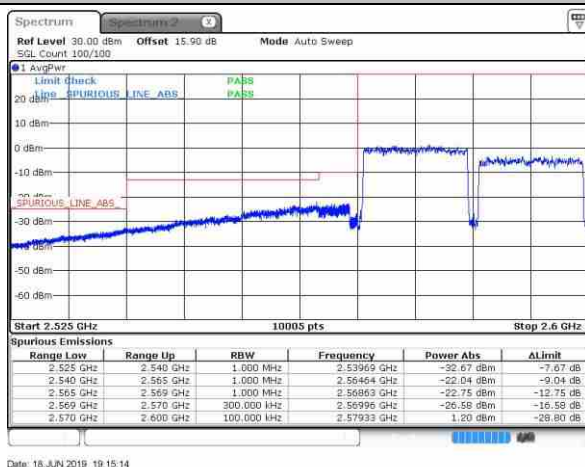
Lowest Band Edge / 1RB74 and 1RB0



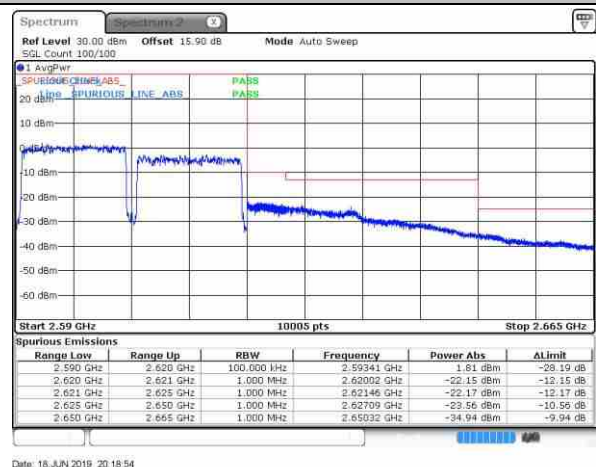
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

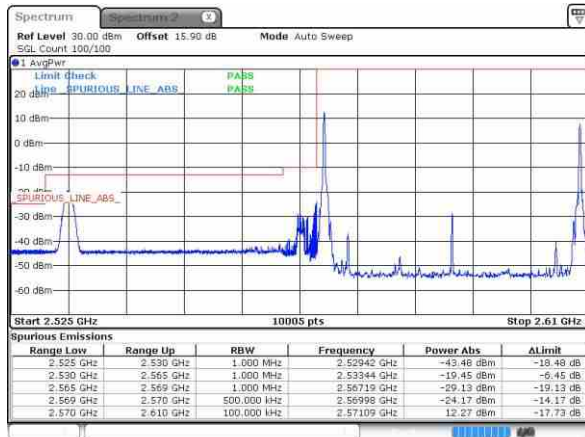




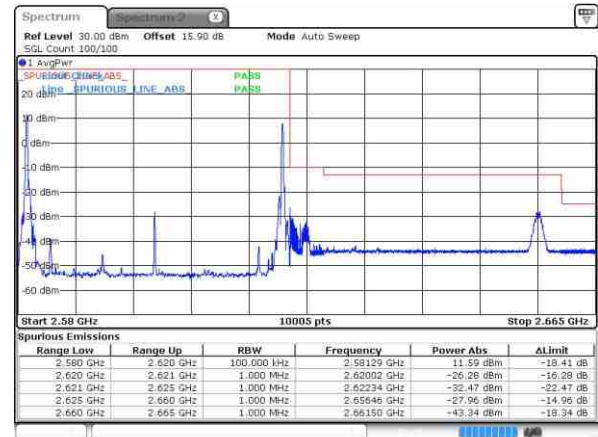
LTE Band 38C / 20MHz+20MHz

QPSK

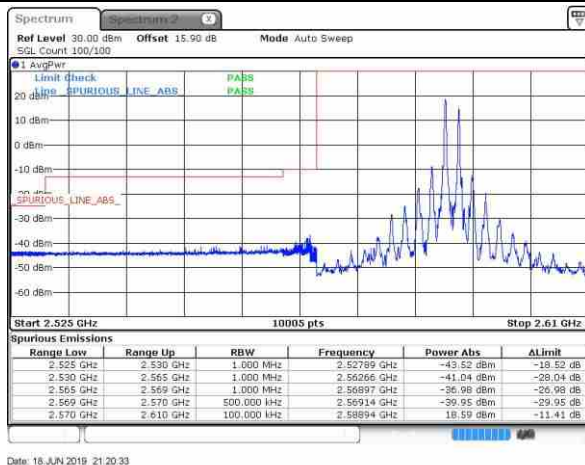
Lowest Band Edge / 1RB0 and 1RB99



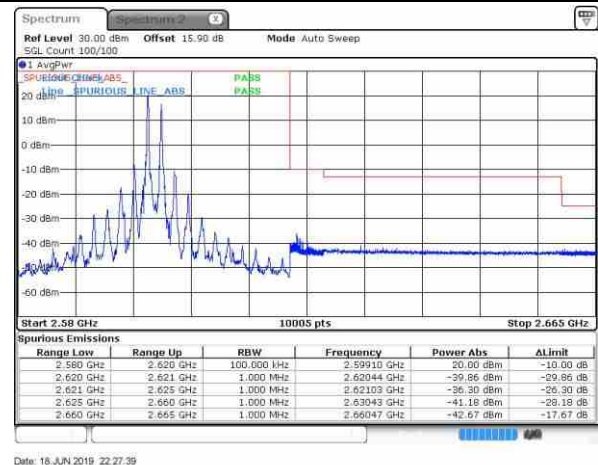
Highest Band Edge / 1RB0 and 1RB99



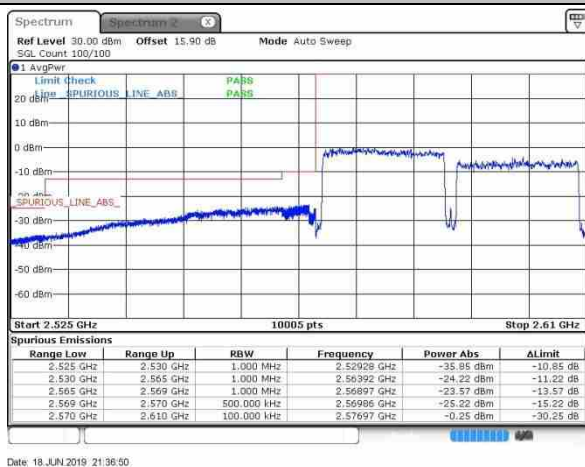
Lowest Band Edge / 1RB99 and 1RB0



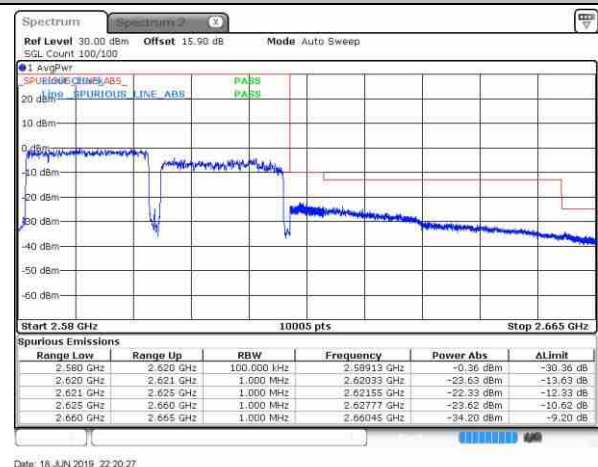
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

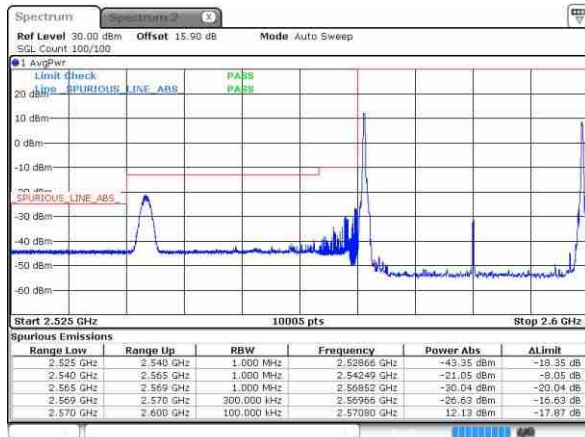




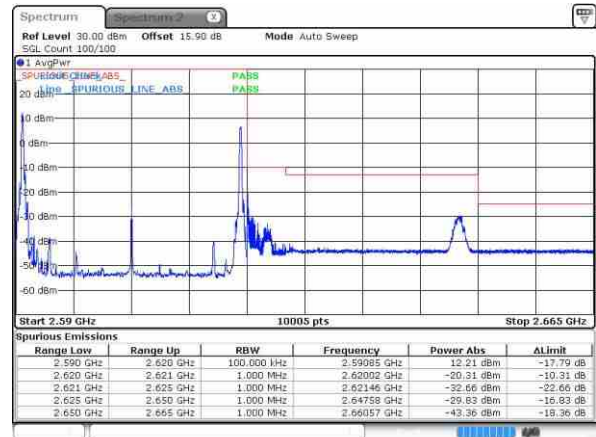
LTE Band 38C / 15MHz+15MHz

16QAM

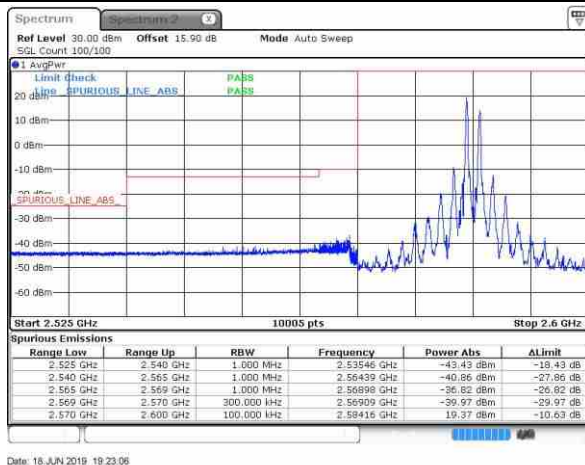
Lowest Band Edge / 1RB0 and 1RB74



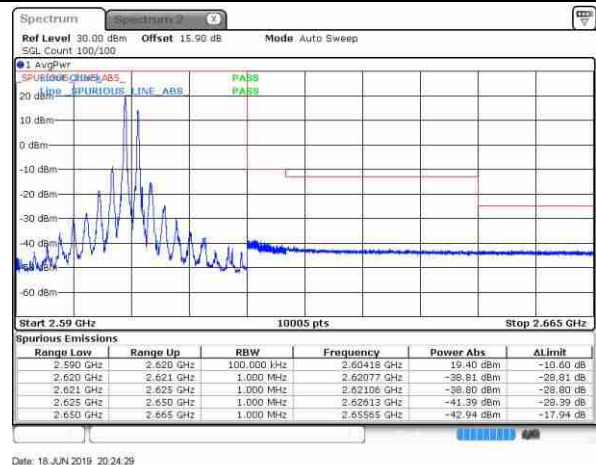
Highest Band Edge / 1RB0 and 1RB74



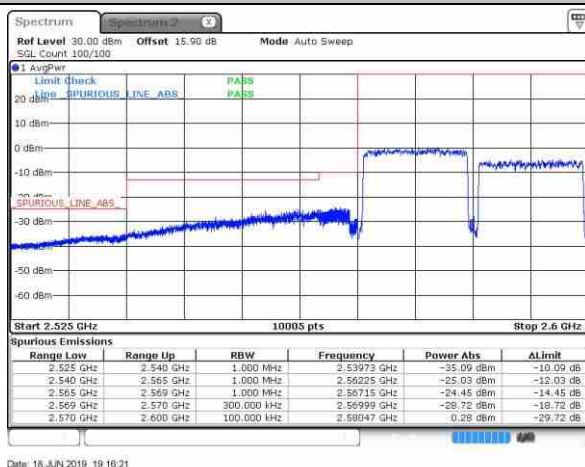
Lowest Band Edge / 1RB74 and 1RB0



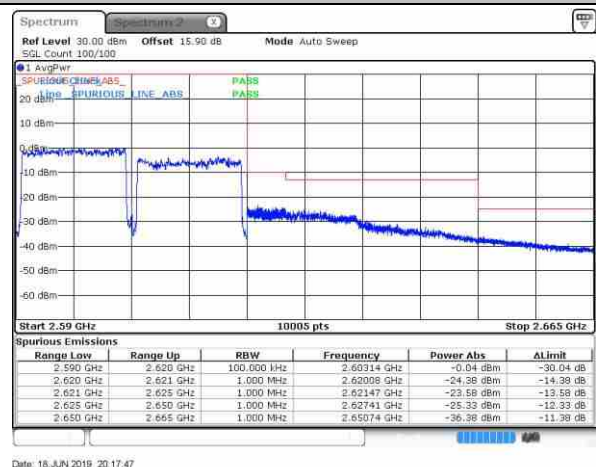
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

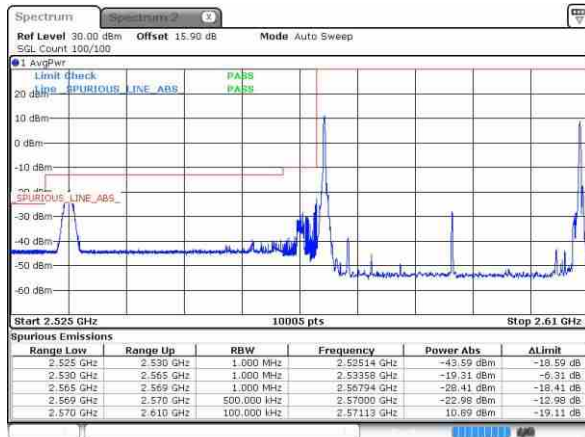




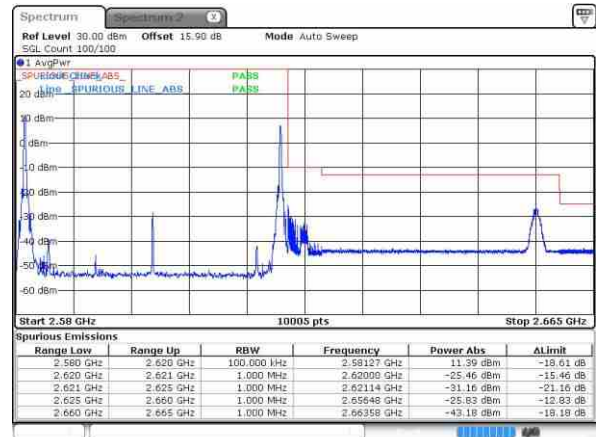
LTE Band 38C / 20MHz+20MHz

16QAM

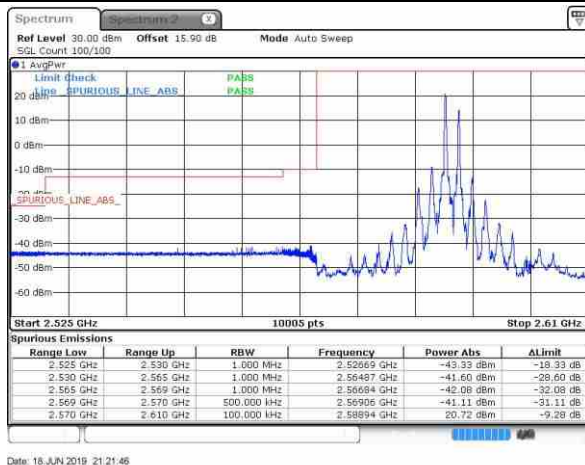
Lowest Band Edge / 1RB0 and 1RB99



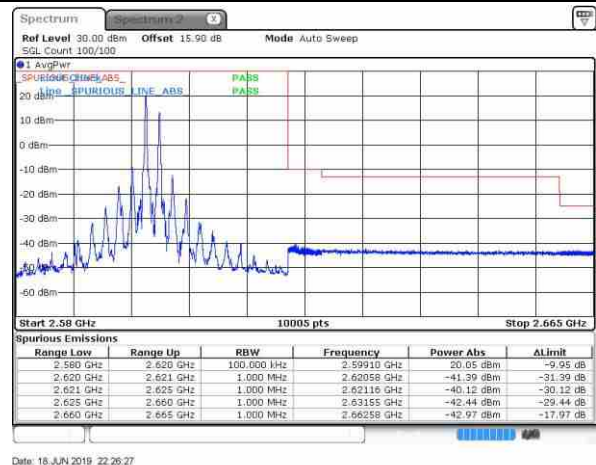
Highest Band Edge / 1RB0 and 1RB99



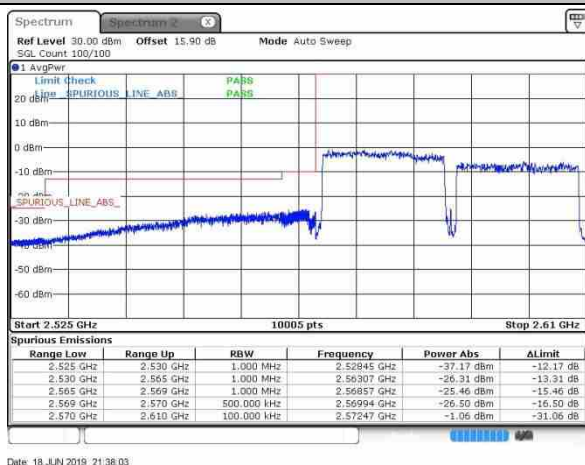
Lowest Band Edge / 1RB99 and 1RB0



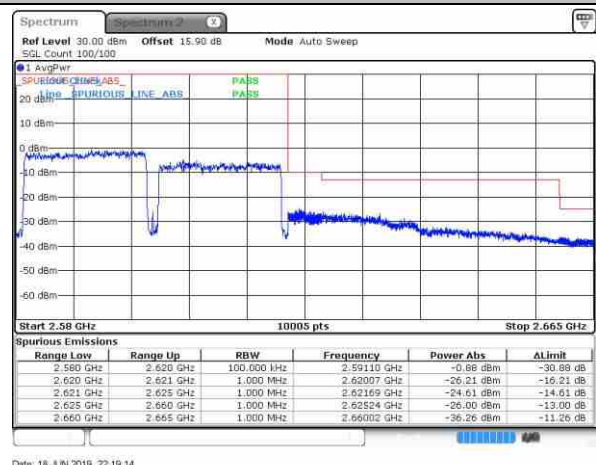
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





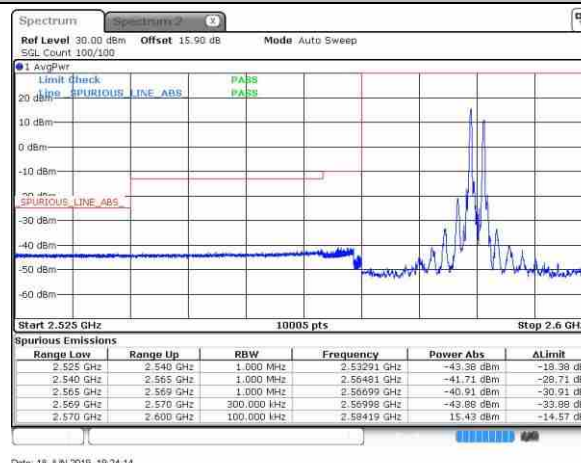
LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

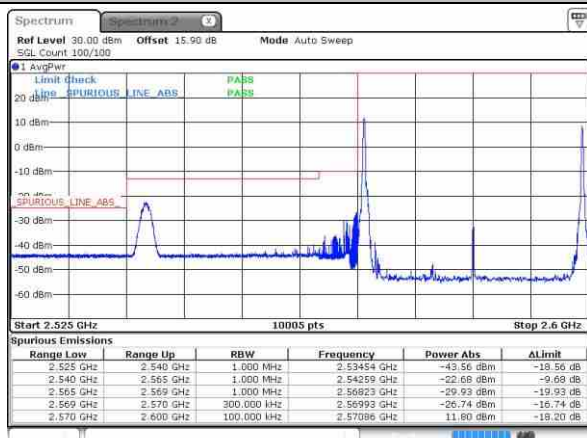
PIC_BE_Band38_15M15M_L_1RB0_1RBmax_64QAM



Date: 18 JUN 2019 19:24:14

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

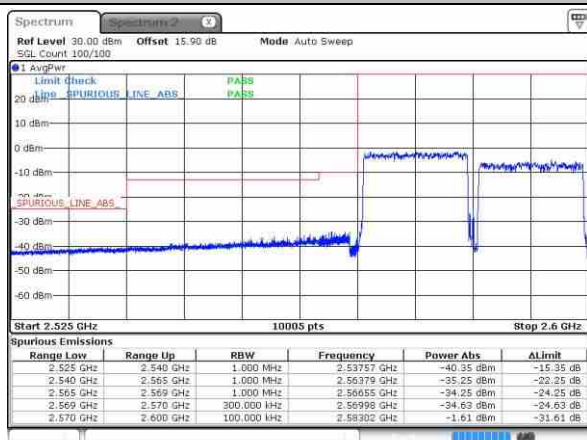


Date: 18 JUN 2019 19:18:37

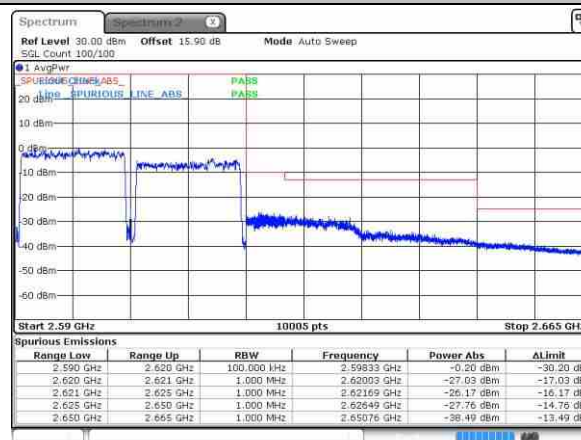
PIC_BE_Band38_15M15M_H_1RBmax_1RB0_64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18 JUN 2019 19:17:30



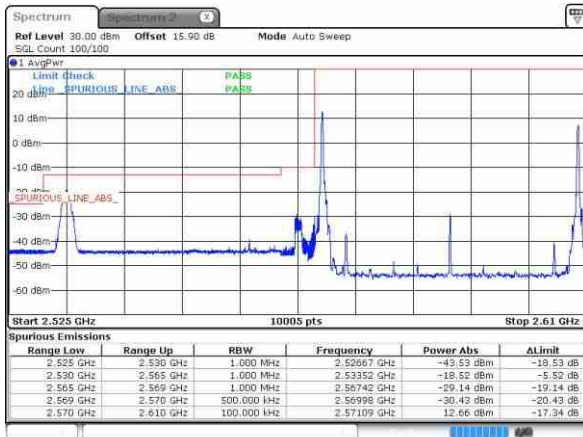
Date: 18 JUN 2019 20:16:40



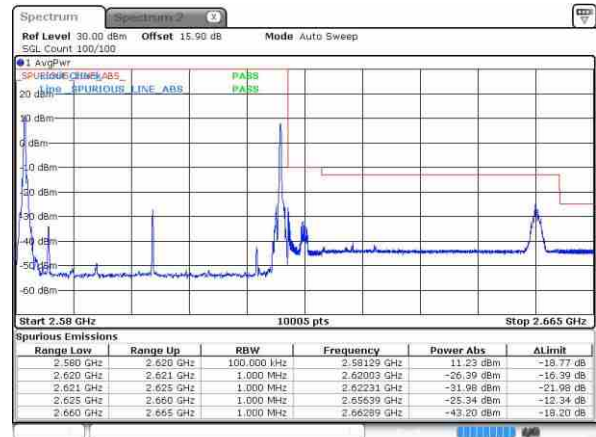
LTE Band 38C / 20MHz+20MHz

64QAM

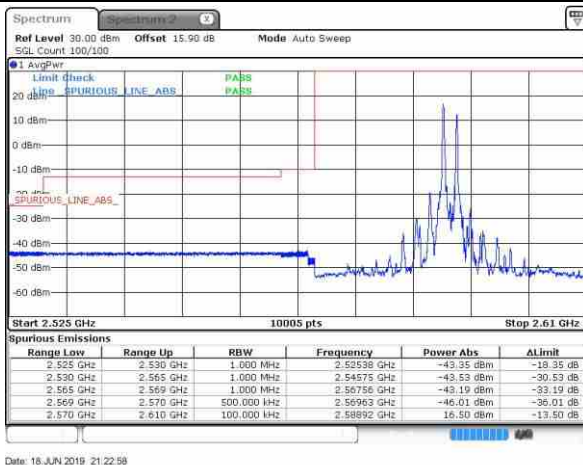
Lowest Band Edge / 1RB0 and 1RB99



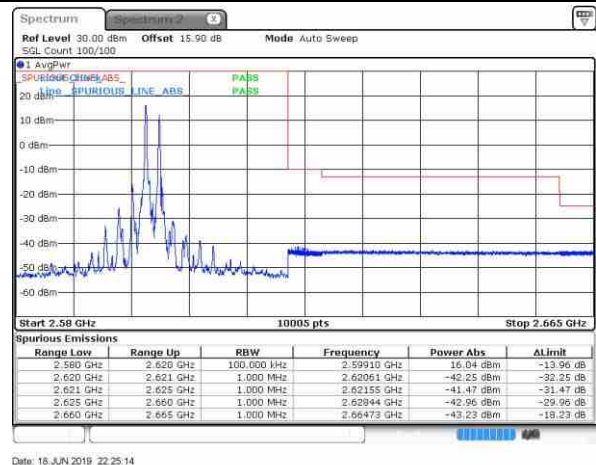
Highest Band Edge / 1RB0 and 1RB99



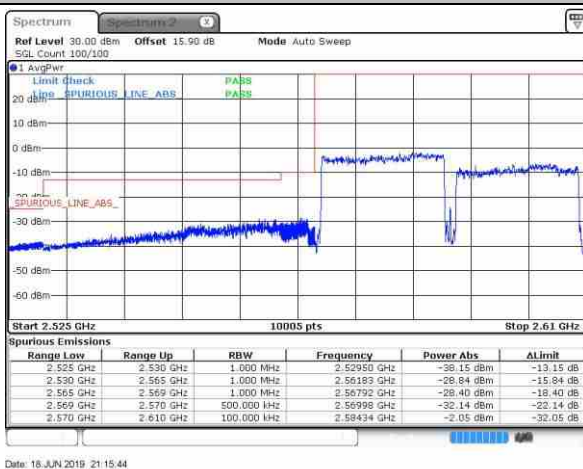
Lowest Band Edge / 1RB99 and 1RB0



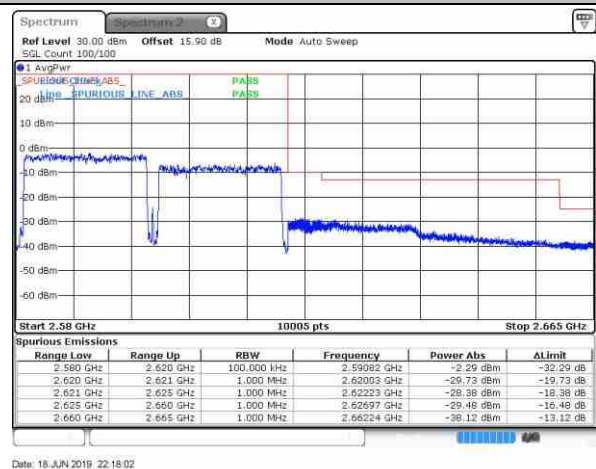
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Conducted Spurious Emission

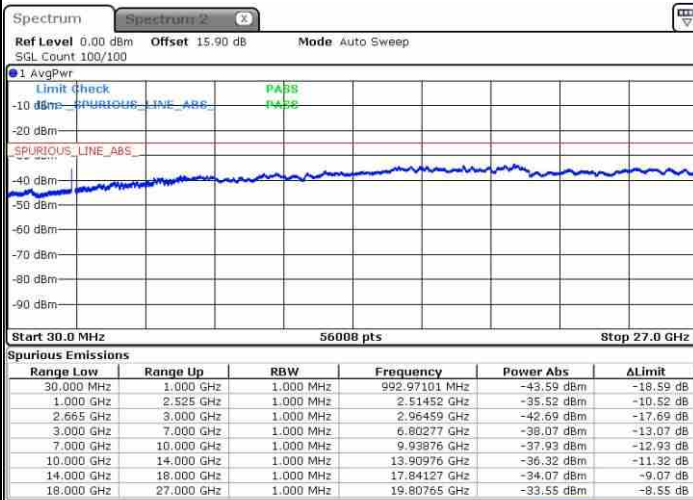


LTE Band 38C / 15MHz+15MHz

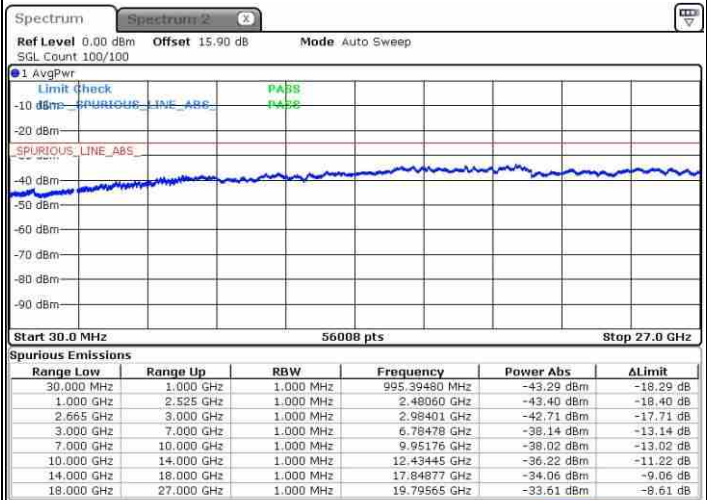
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



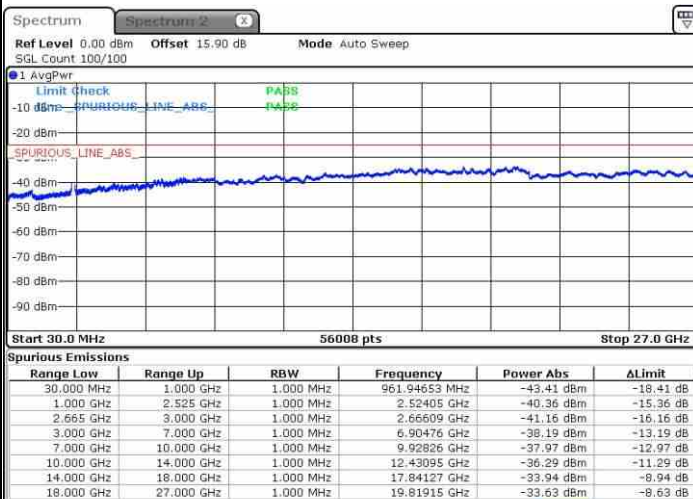
Date: 18 JUN 2019 19:29:44



Date: 18 JUN 2019 19:28:21

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 19:36:40

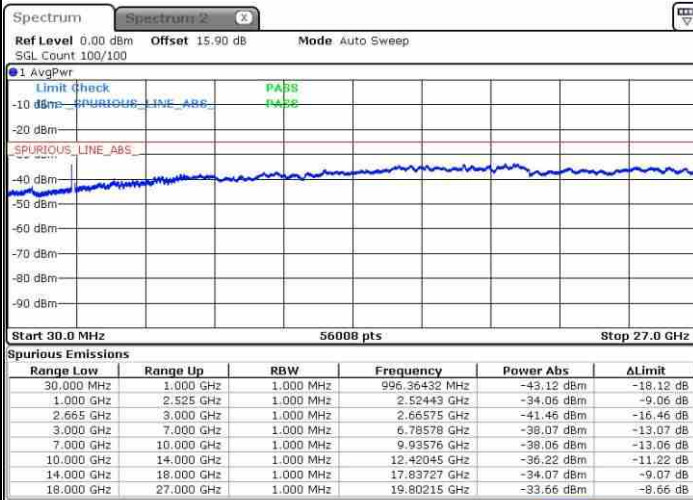


LTE Band 38C / 15MHz+15MHz

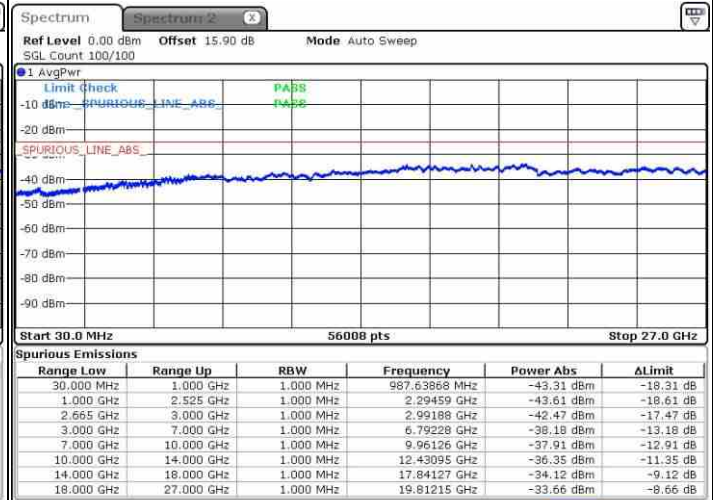
QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



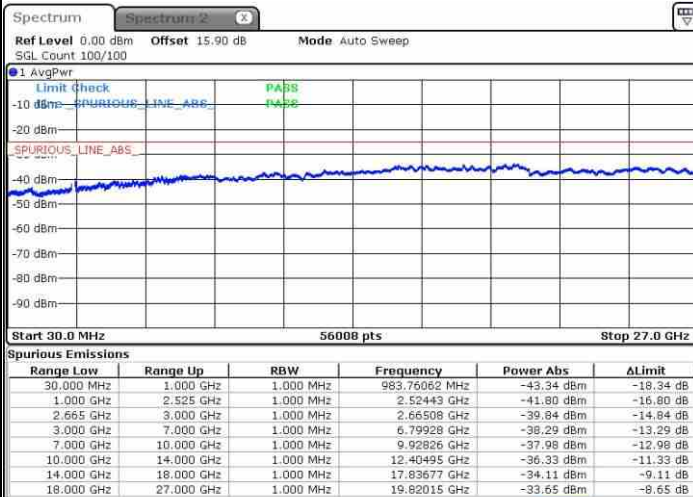
Date: 18 JUN 2019 19:52:27



Date: 18 JUN 2019 19:53:49

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 19:45:31

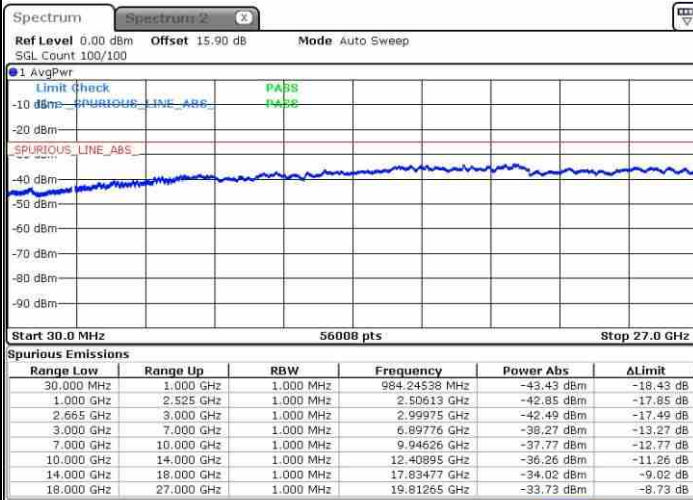


LTE Band 38C / 15MHz+15MHz

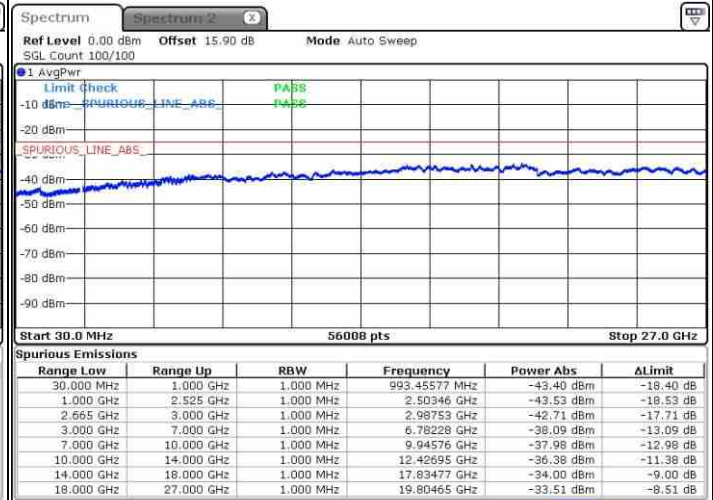
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



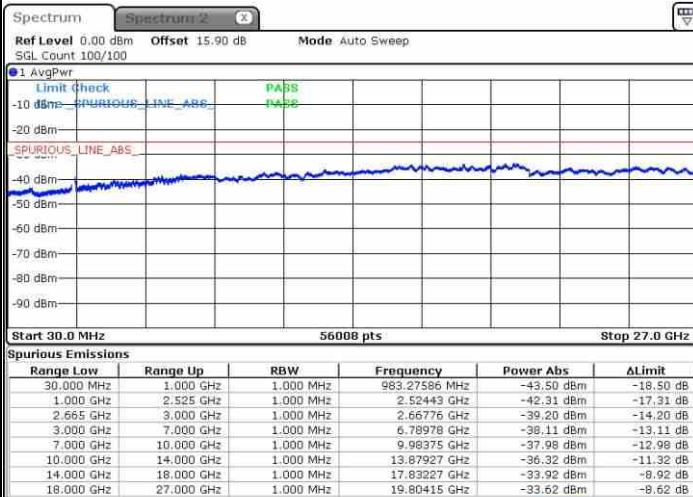
Date: 18 JUN 2019 20:33:53



Date: 18 JUN 2019 20:26:58

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 20:35:16

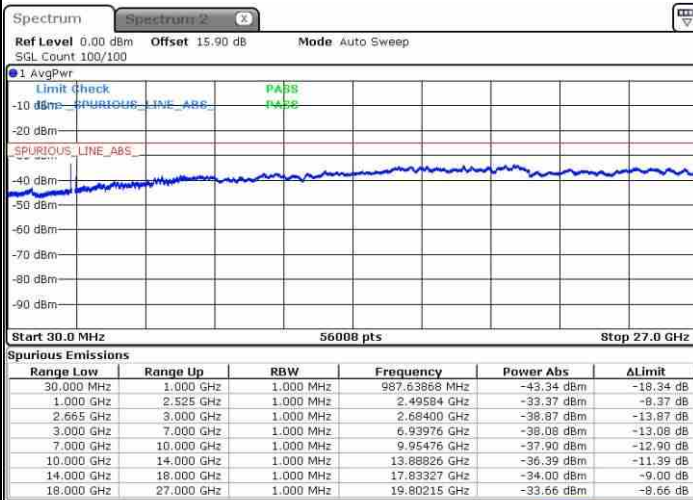


LTE Band 38C / 20MHz+20MHz

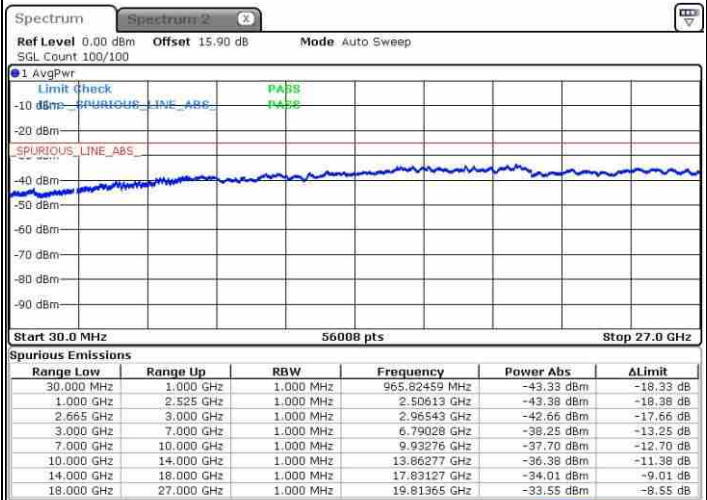
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



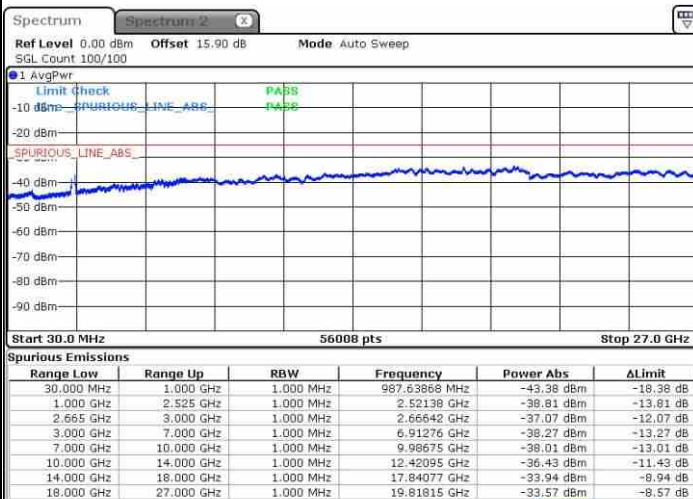
Date: 18 JUN 2019 21:28:28



Date: 18 JUN 2019 21:27:06

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 21:35:25

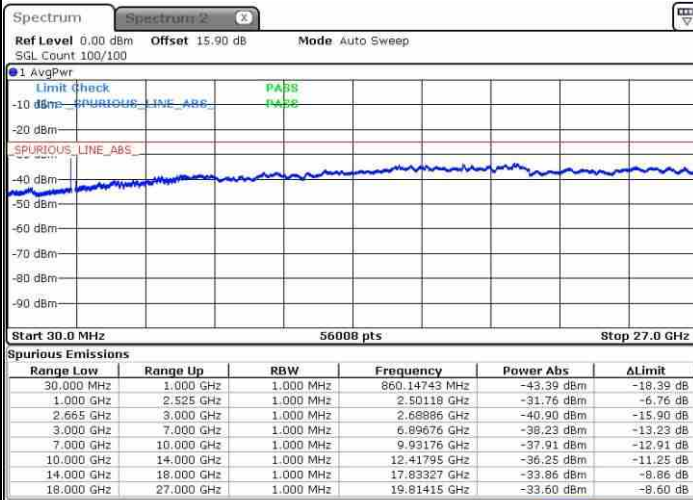


LTE Band 38C / 20MHz+20MHz

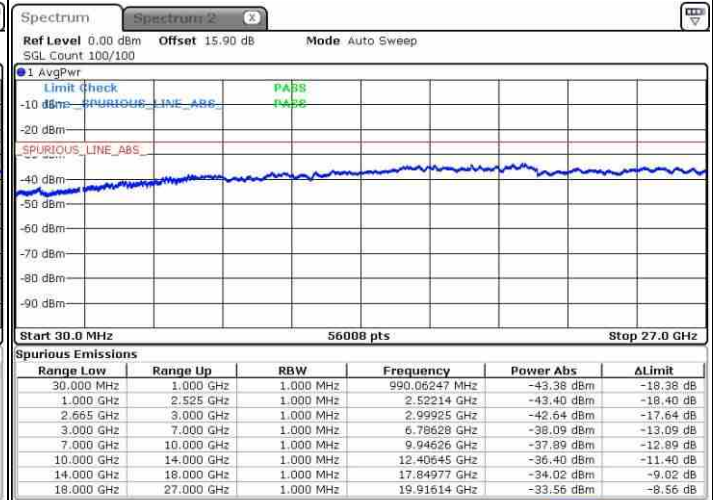
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



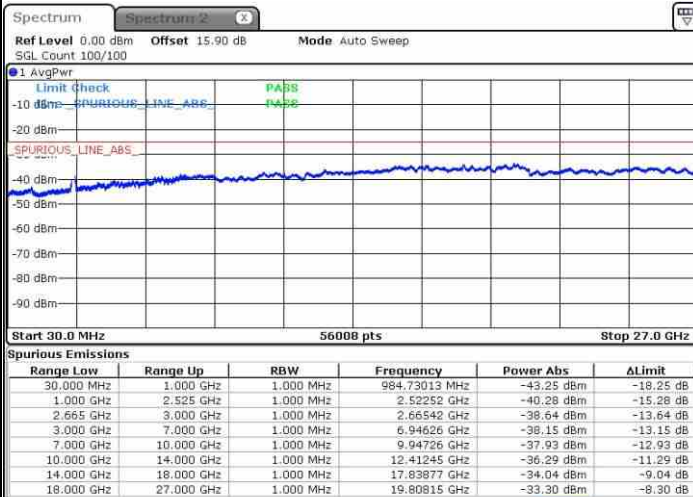
Date: 18 JUN 2019 21:53:07



Date: 18 JUN 2019 21:54:28

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 21:46:10

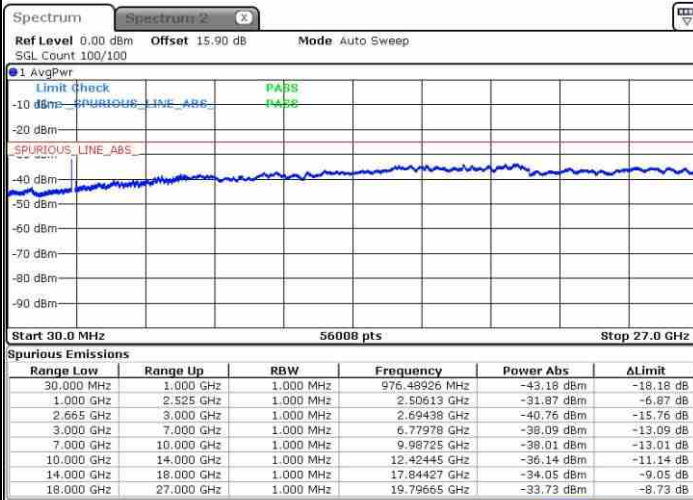


LTE Band 38C / 20MHz+20MHz

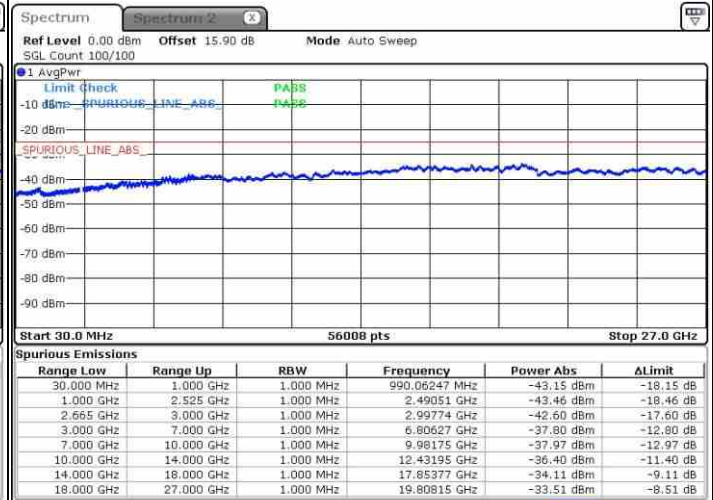
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



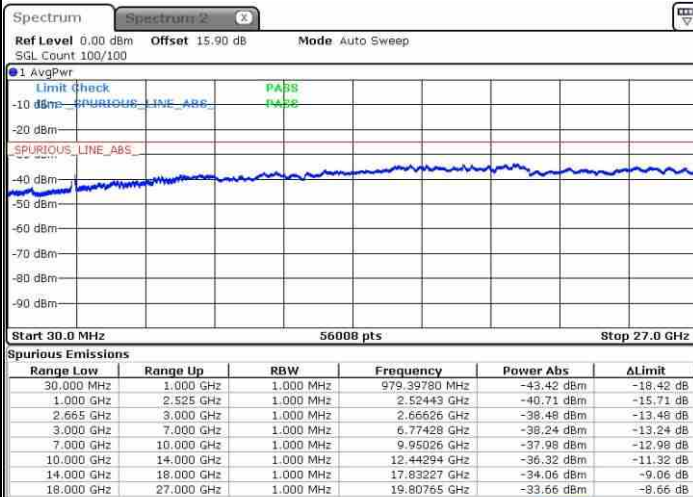
Date: 18 JUN 2019 22:35:56



Date: 18 JUN 2019 22:29:01

Highest Channel / FullRB

N/A



Date: 18 JUN 2019 22:37:20

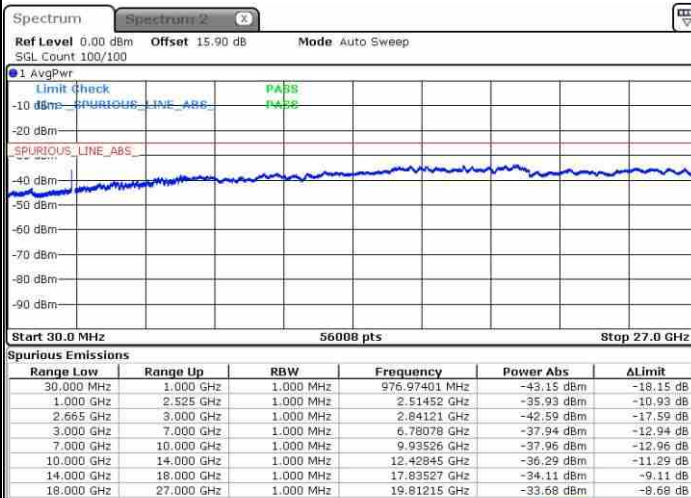


LTE Band 38C / 15MHz+15MHz

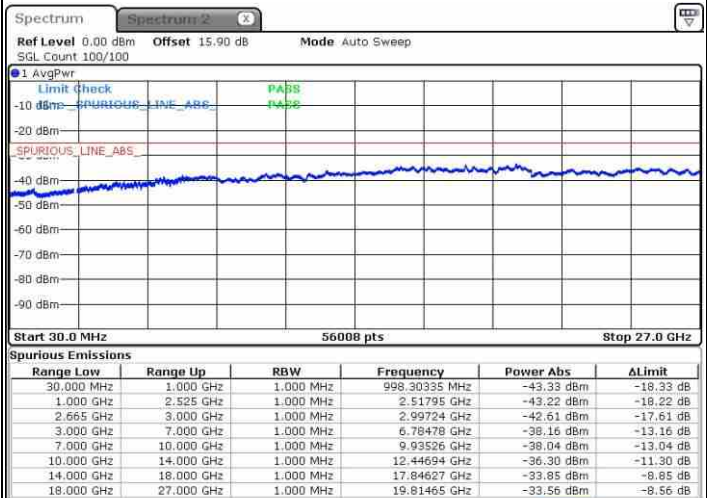
16QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



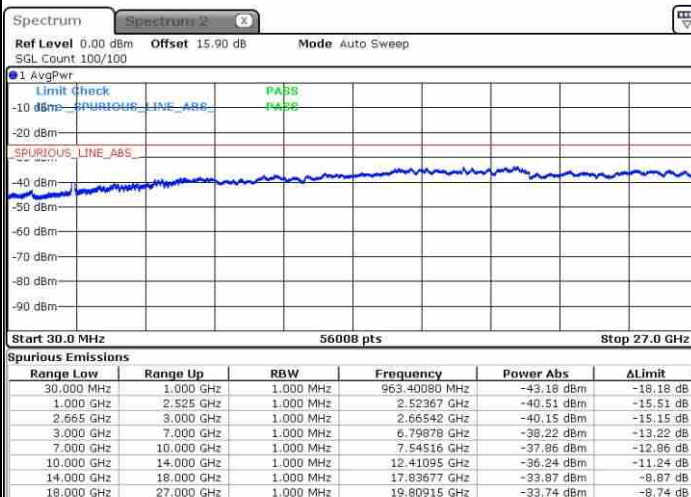
Date: 18 JUN 2019 19:31:07



Date: 18 JUN 2019 19:26:58

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 19:35:17

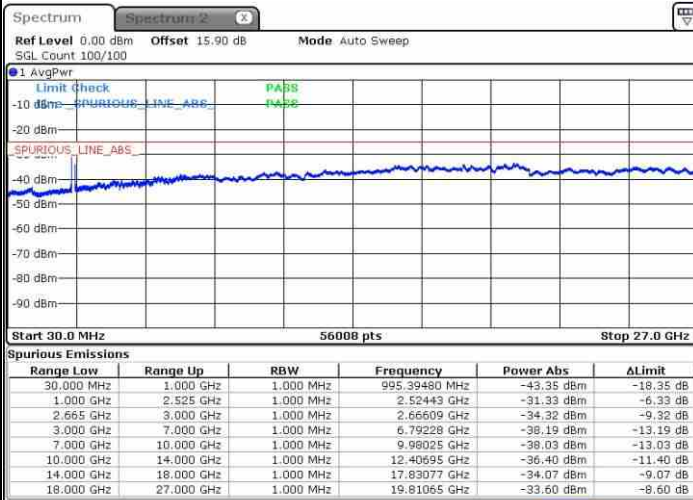


LTE Band 38C / 15MHz+15MHz

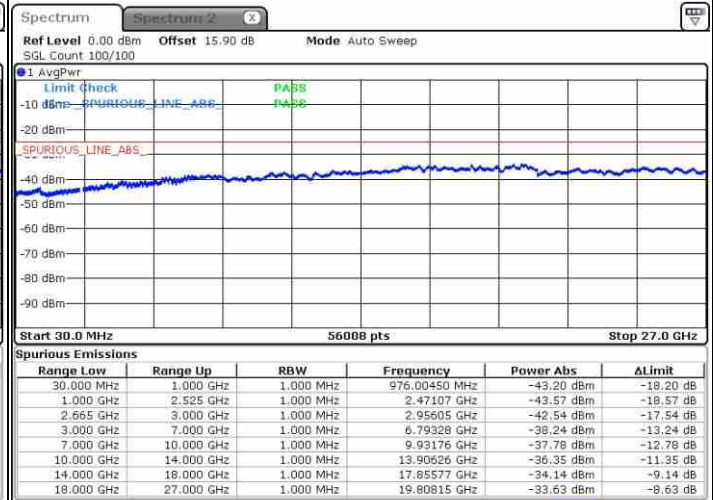
16QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



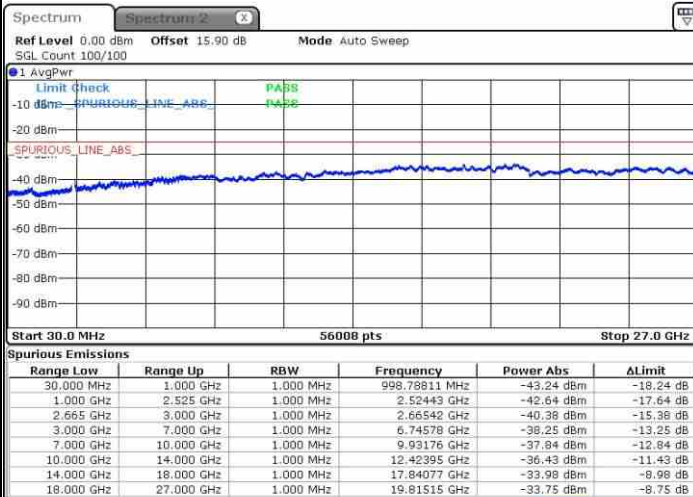
Date: 18 JUN 2019 19:51:04



Date: 18 JUN 2019 19:55:12

Middle Channel / FullIRB

N/A



Date: 18 JUN 2019 19:46:54

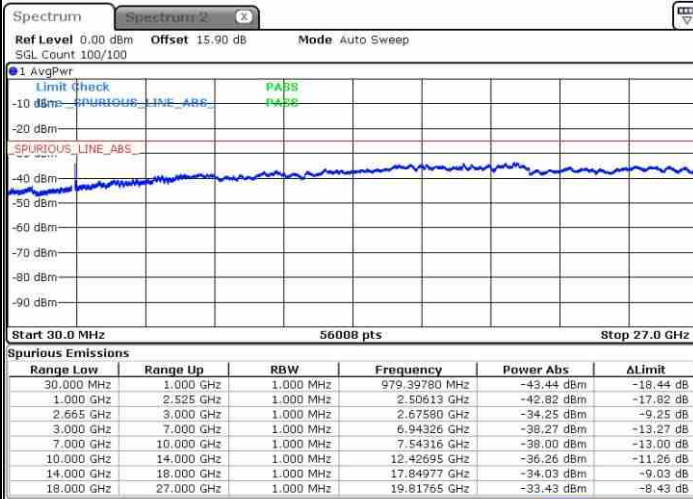


LTE Band 38C / 15MHz+15MHz

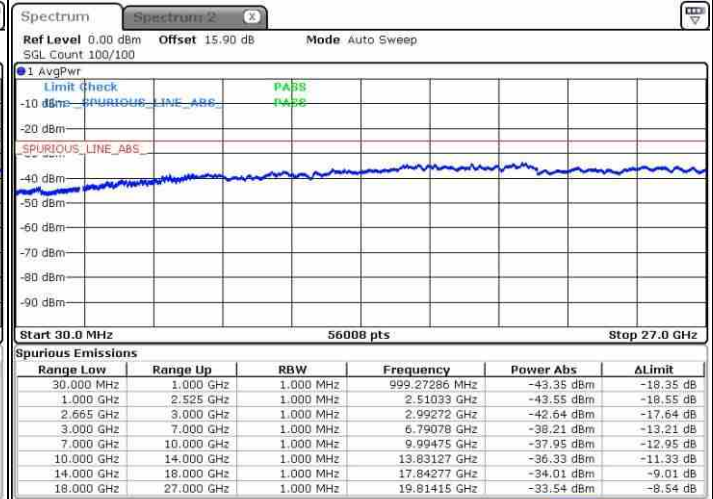
16QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



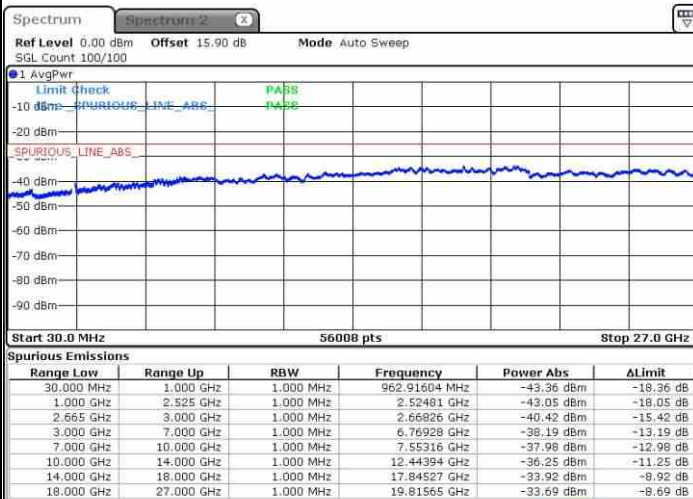
Date: 18 JUN 2019 20:32:29



Date: 18 JUN 2019 20:28:21

Highest Channel / FullIRB

N/A



Date: 18 JUN 2019 20:36:39

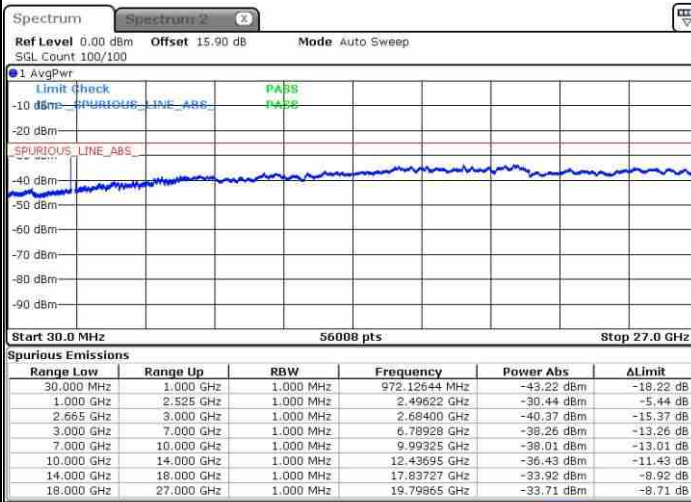


LTE Band 38C / 20MHz+20MHz

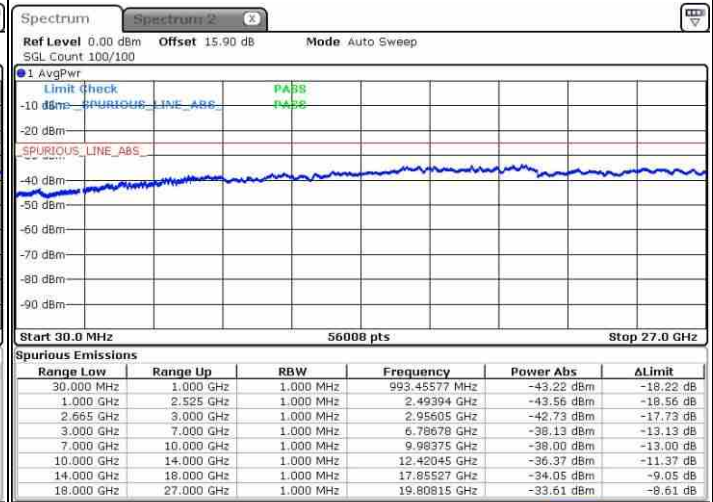
16QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



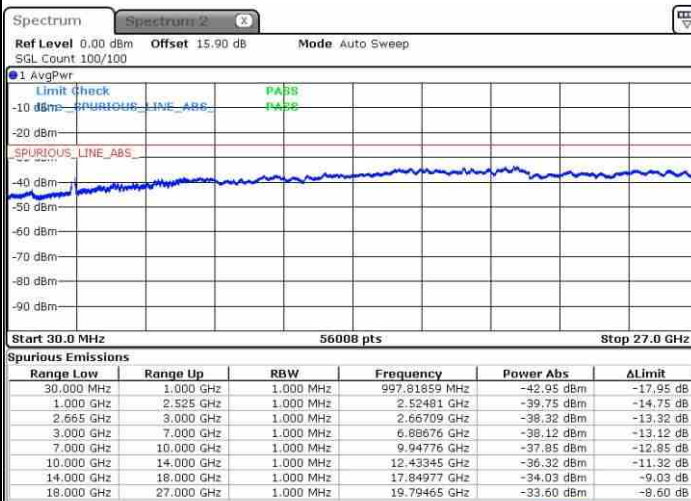
Date: 18 JUN 2019 21:29:51



Date: 18 JUN 2019 21:25:43

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 21:34:01

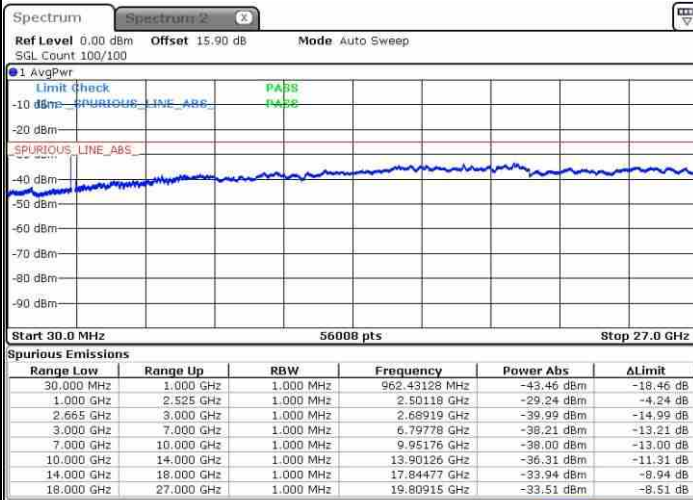


LTE Band 38C / 20MHz+20MHz

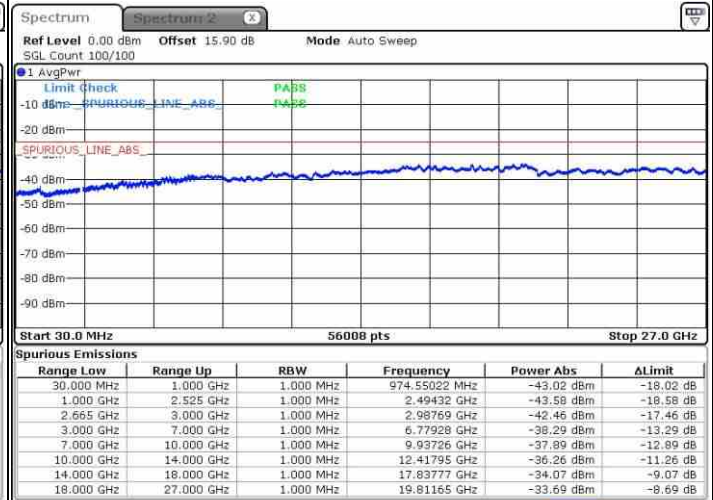
16QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



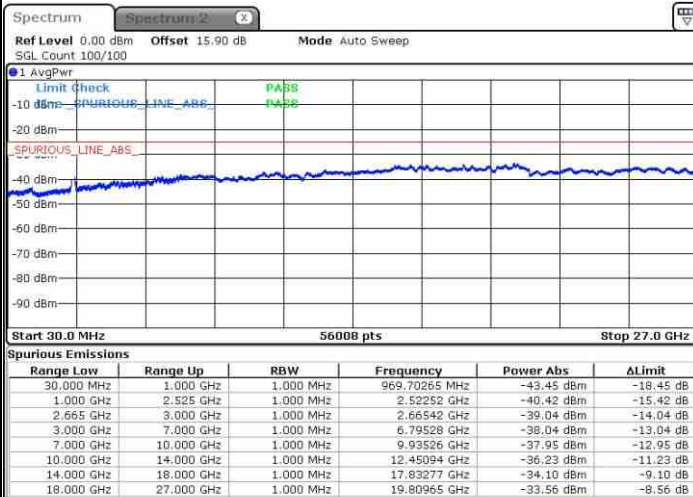
Date: 18 JUN 2019 21:51:43



Date: 18 JUN 2019 21:55:52

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 21:47:33

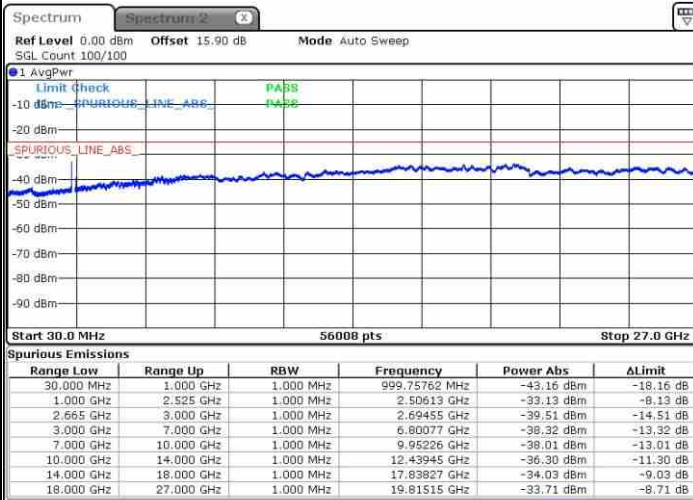


LTE Band 38C / 20MHz+20MHz

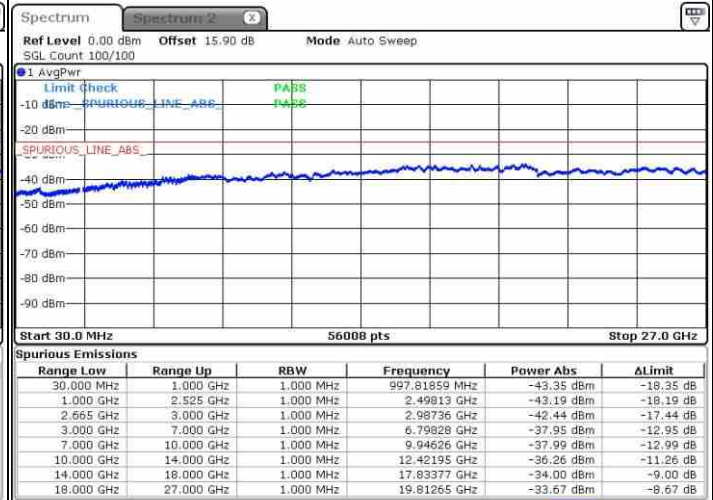
16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



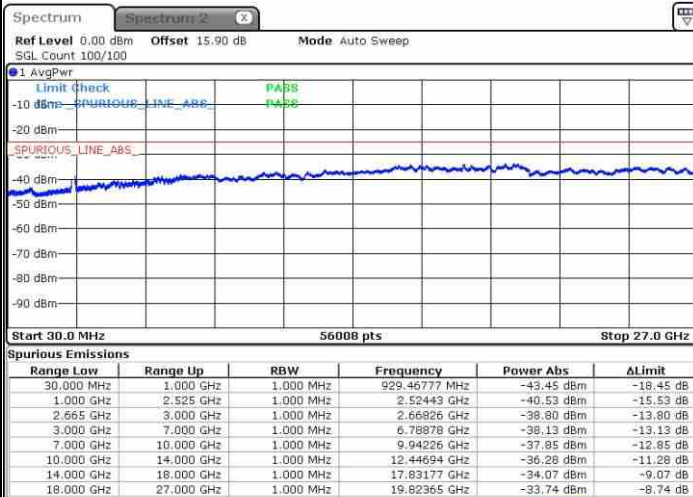
Date: 18 JUN 2019 22:34:33



Date: 18 JUN 2019 22:30:24

Highest Channel / FullRB

N/A



Date: 18 JUN 2019 22:38:43

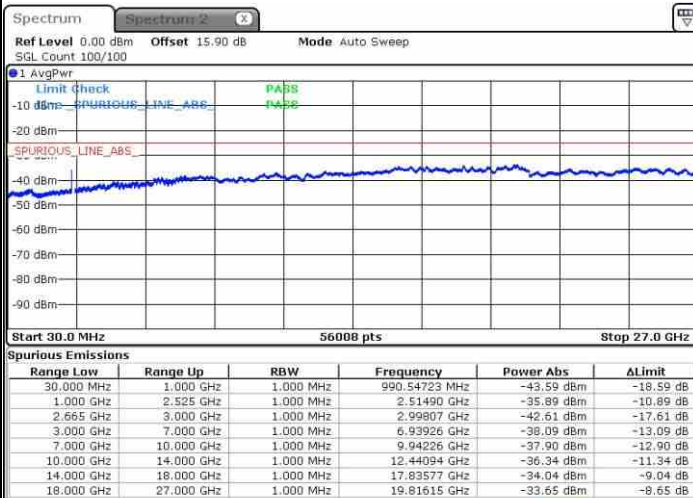


LTE Band 38C / 15MHz+15MHz

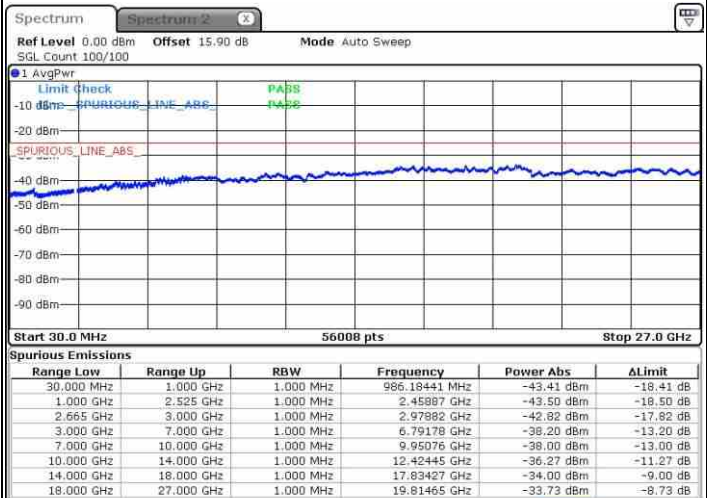
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



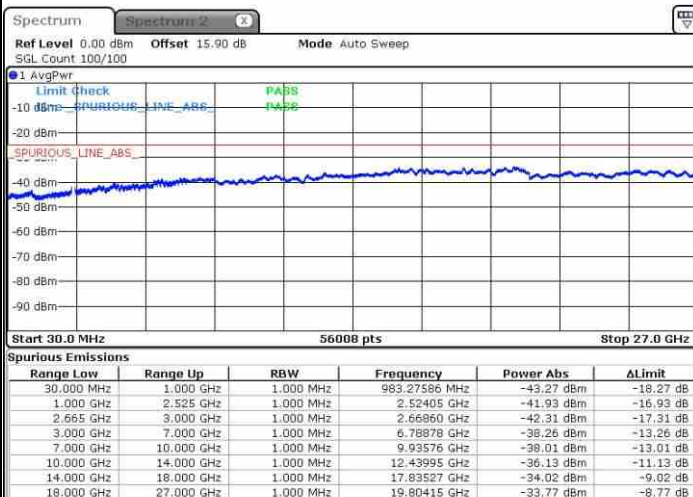
Date: 18 JUN 2019 19:32:30



Date: 18 JUN 2019 19:25:35

Lowest Channel / FullRB

N/A



Date: 18 JUN 2019 19:33:54

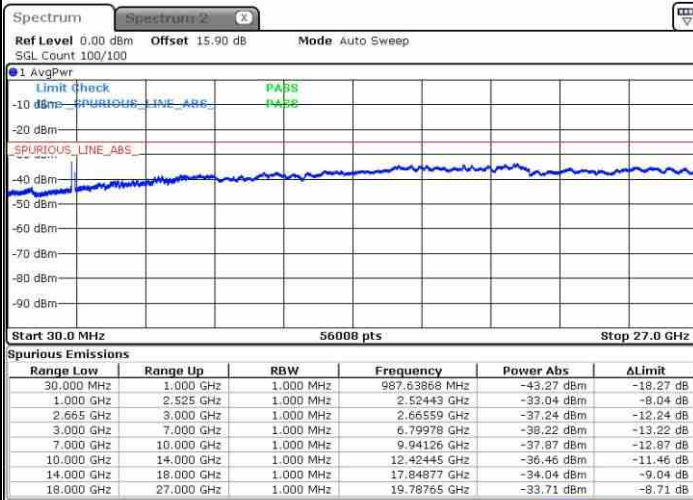


LTE Band 38C / 15MHz+15MHz

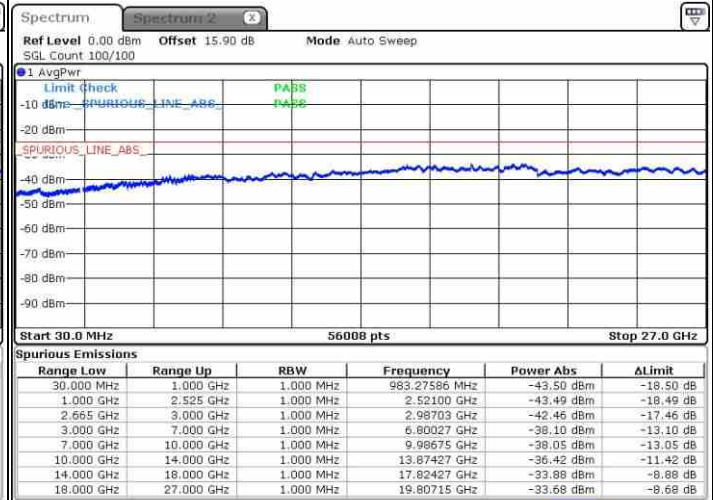
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



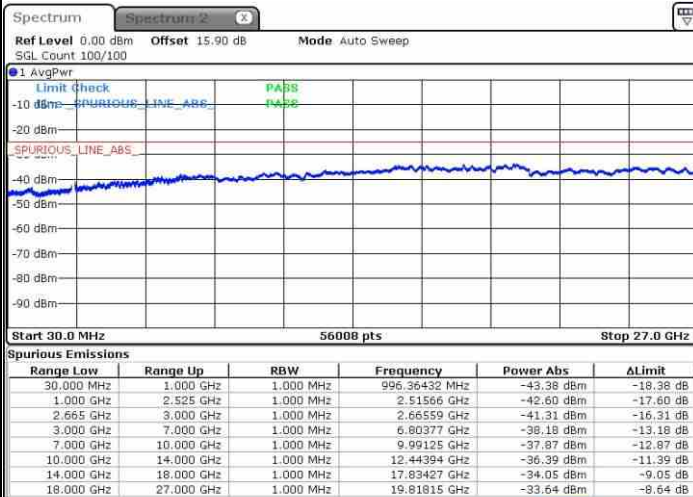
Date: 18 JUN 2019 19:49:41



Date: 18 JUN 2019 19:58:38

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 19:48:17

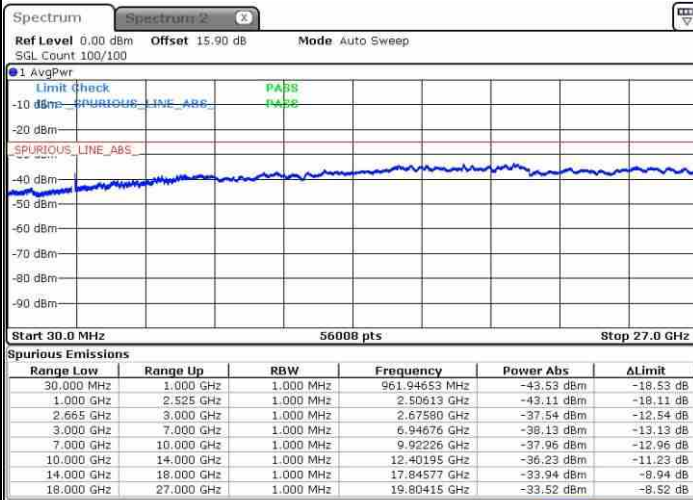


LTE Band 38C / 15MHz+15MHz

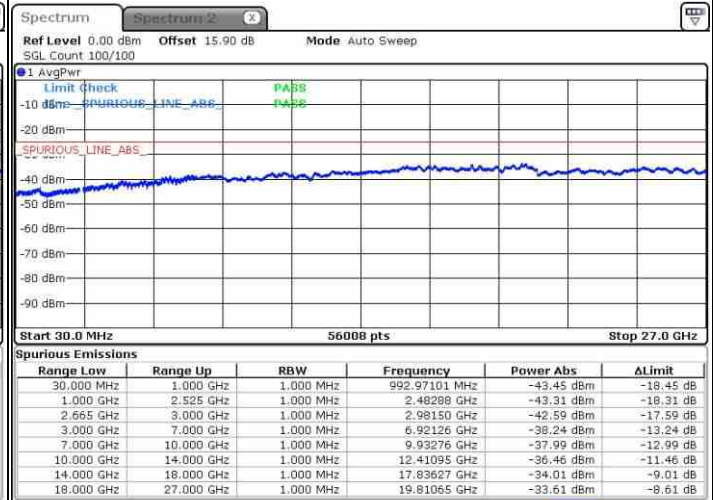
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



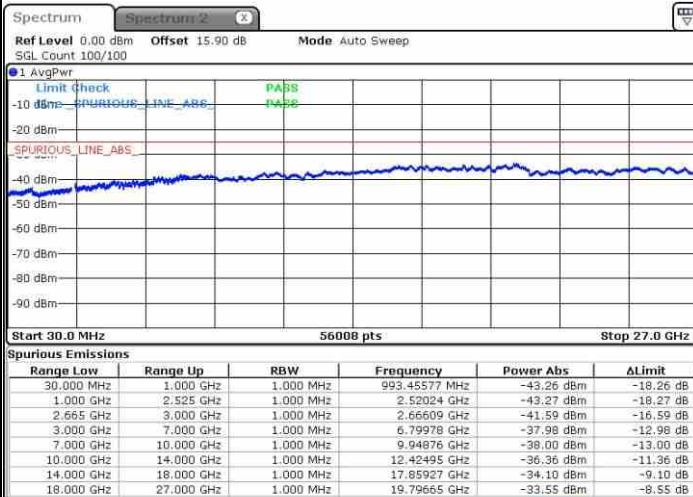
Date: 18 JUN 2019 20:31:06



Date: 18 JUN 2019 20:29:44

Highest Channel / FullRB

N/A



Date: 18 JUN 2019 20:38:03



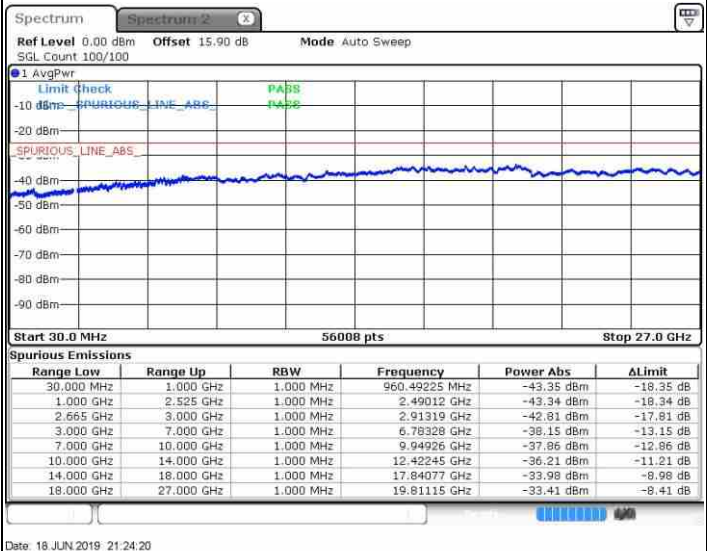
LTE Band 38C / 20MHz+20MHz

64QAM

Lowest Channel / 1RB0 and 1RB99

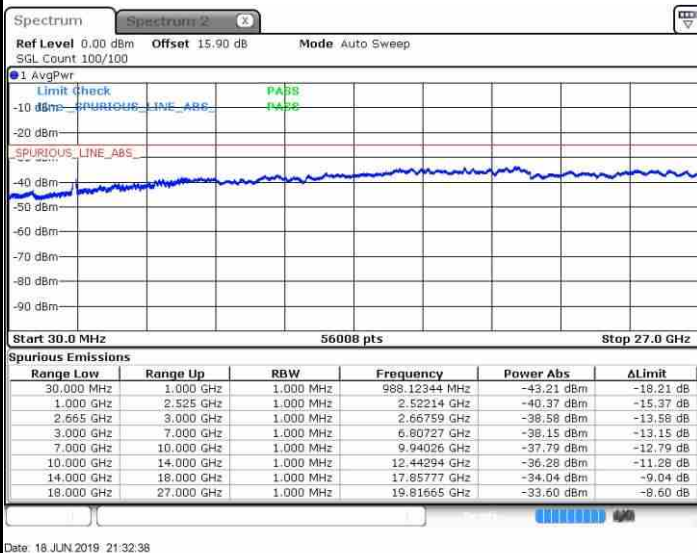
Lowest Channel / 1RB99 and 1RB0

PIC_CE_Band38_20M20M_L_1RB0_1RBmax_64QAM



Lowest Channel / FullIRB

N/A



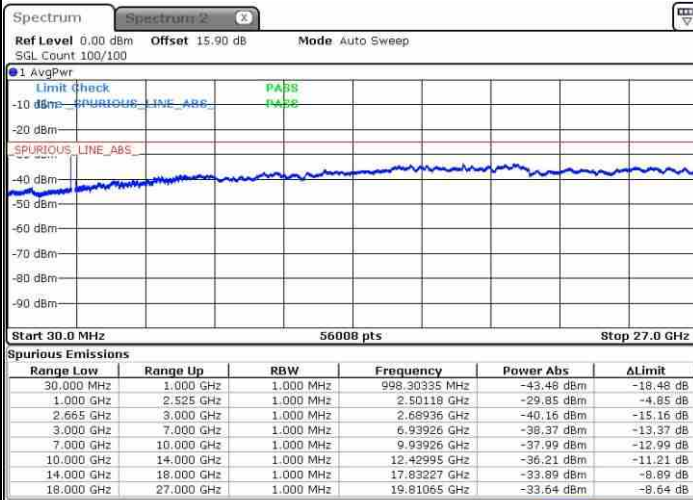


LTE Band 38C / 20MHz+20MHz

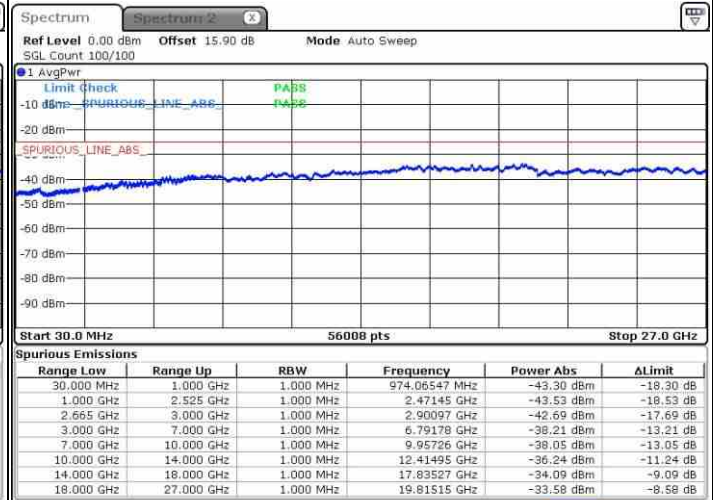
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



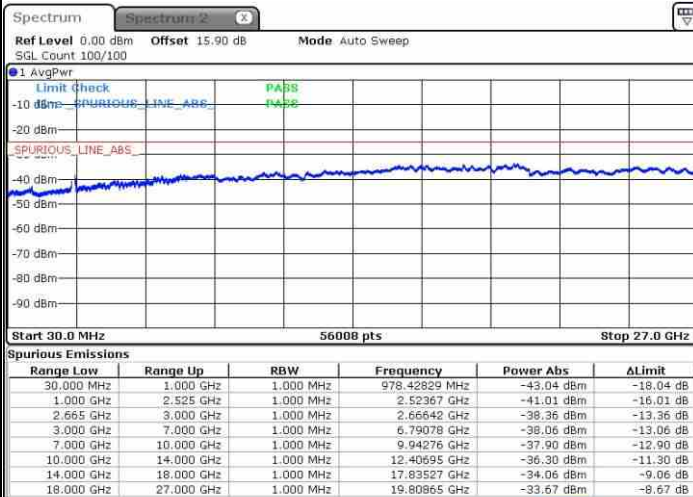
Date: 18 JUN 2019 21:50:20



Date: 18 JUN 2019 21:57:15

Middle Channel / FullRB

N/A



Date: 18 JUN 2019 21:48:56

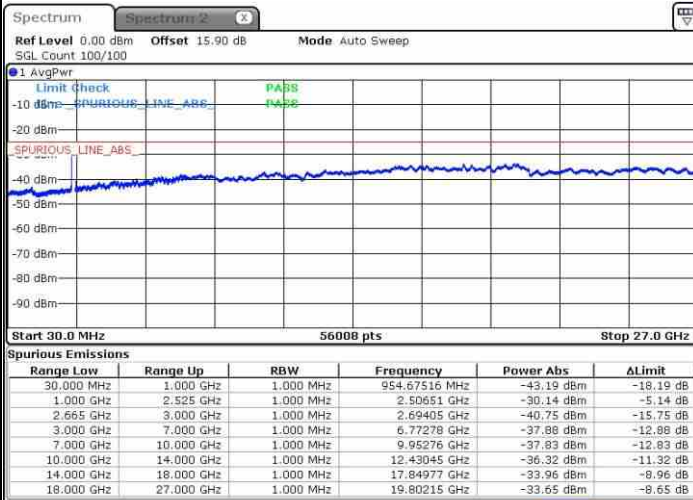


LTE Band 38C / 20MHz+20MHz

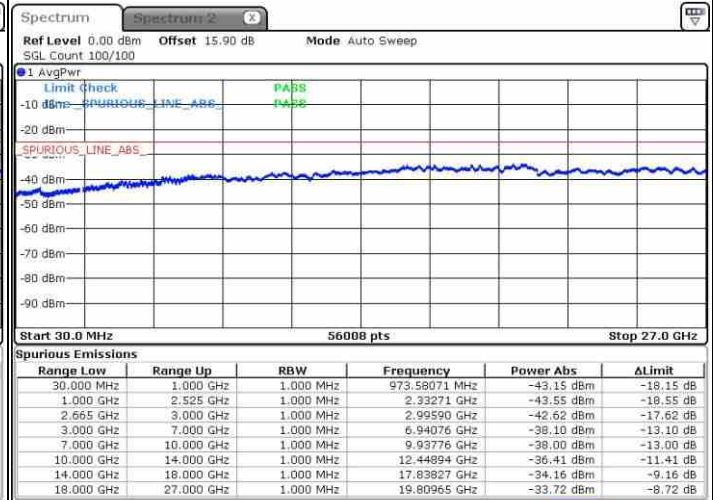
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



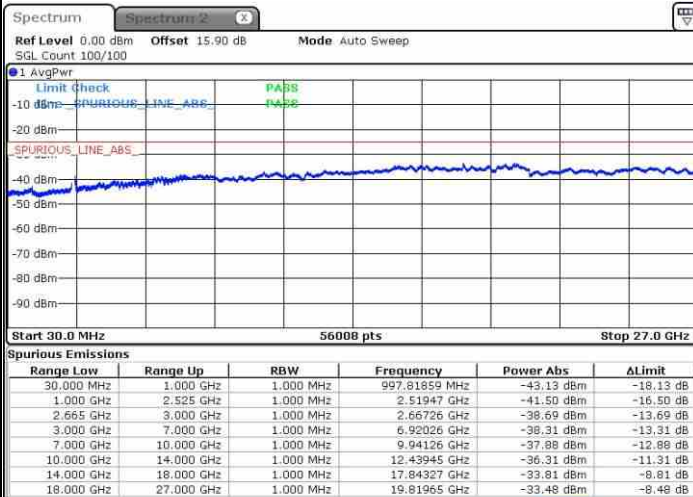
Date: 18 JUN 2019 22:33:09



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

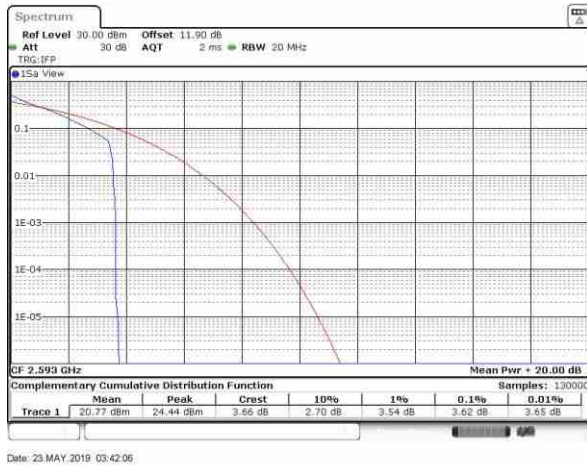
Lowest Channel / 1RB



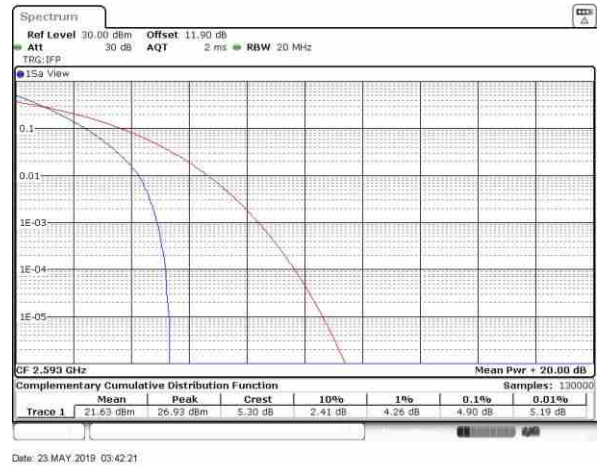
Lowest Channel / Full RB



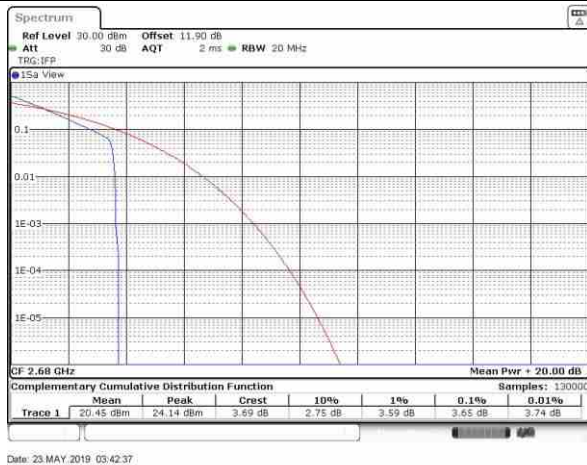
Middle Channel / 1RB



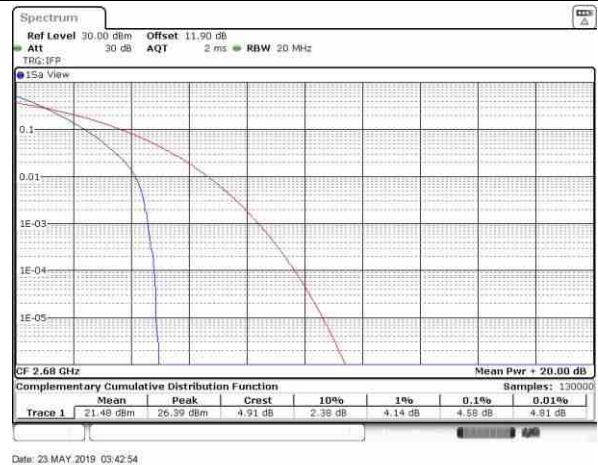
Middle Channel / Full RB

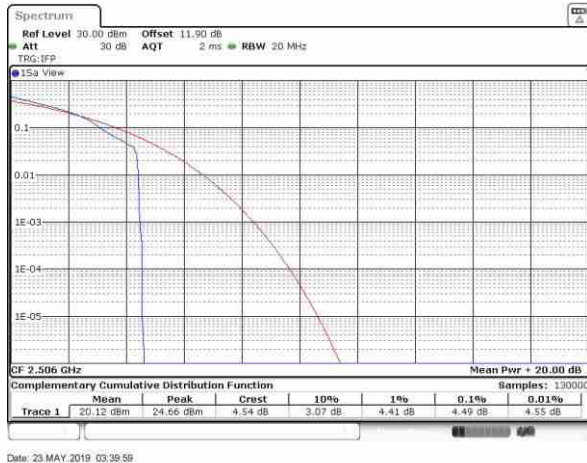
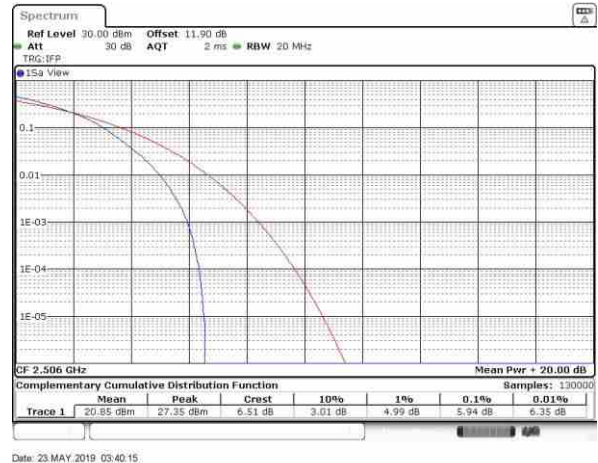
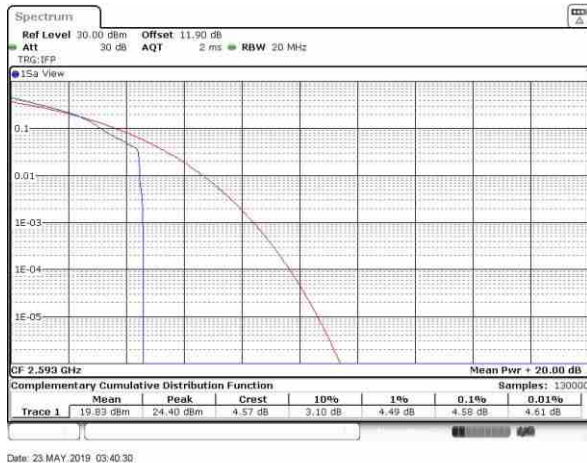


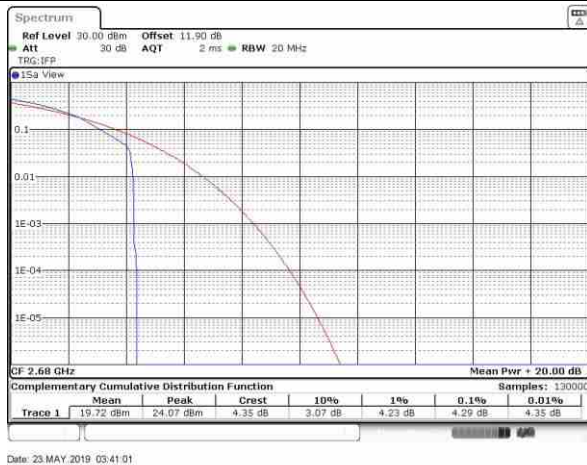
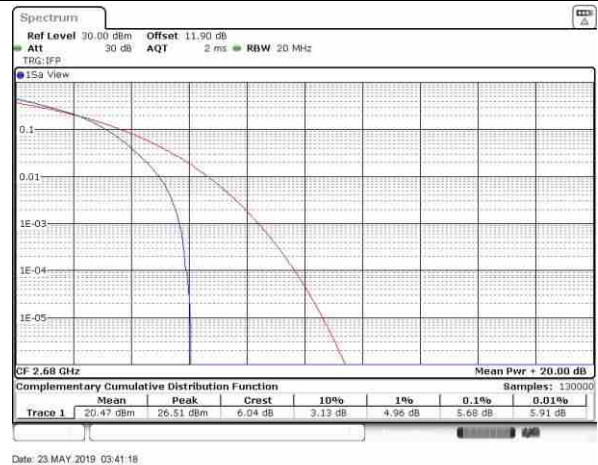
Highest Channel / 1RB



Highest Channel / Full RB



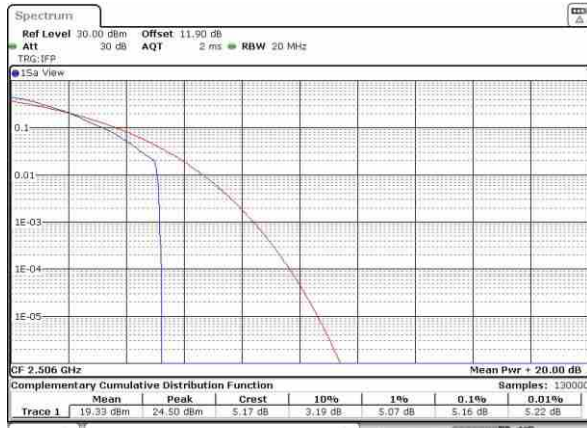
LTE Band 41 / 20MHz / 16QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB




LTE Band 41 / 20MHz / 64QAM

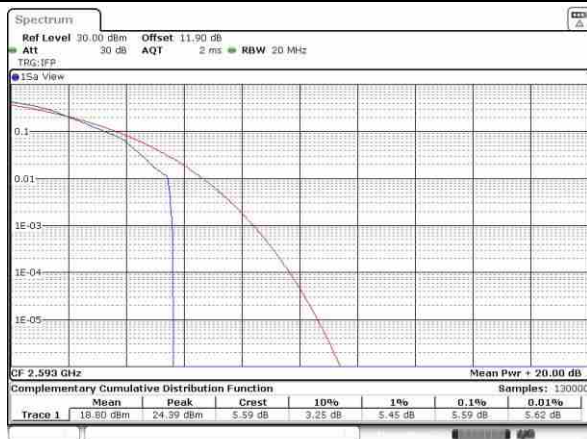
Lowest Channel / 1RB



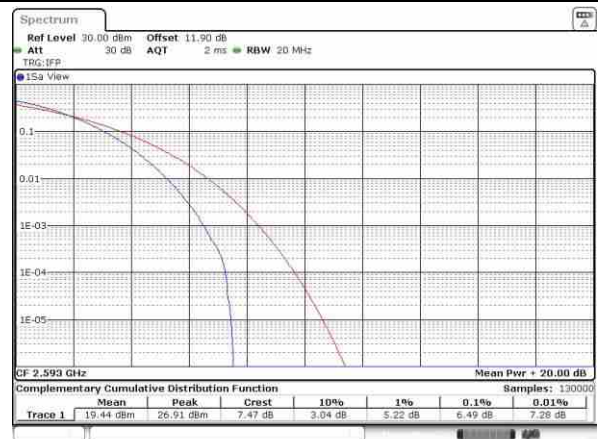
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



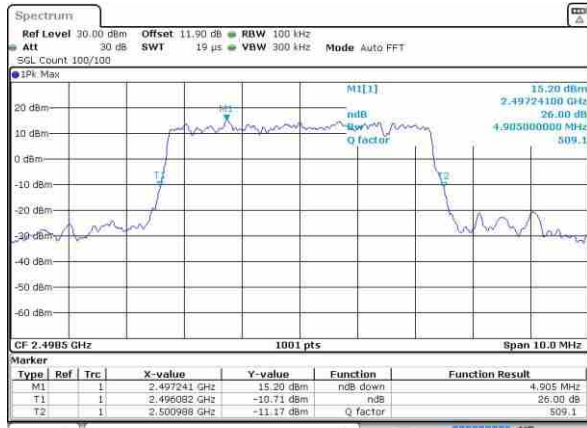
**26dB Bandwidth**

Mode	LTE Band 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	-



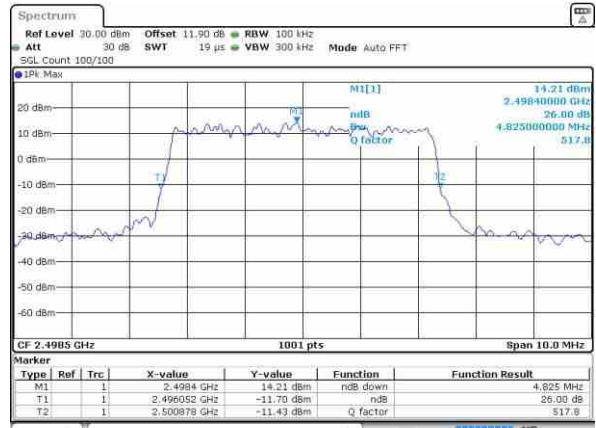
LTE Band 41

Lowest Channel / 5MHz / QPSK



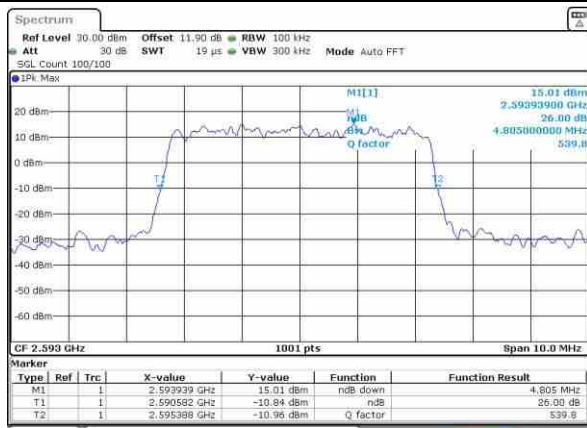
Date: 23 MAY 2019 03:22:30

Lowest Channel / 5MHz / 16QAM



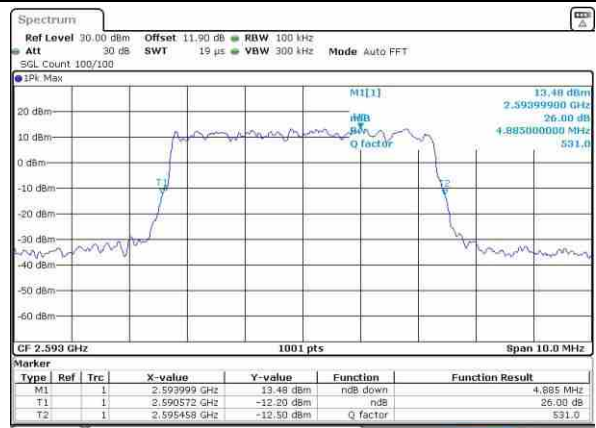
Date: 23 MAY 2019 03:22:42

Middle Channel / 5MHz / QPSK



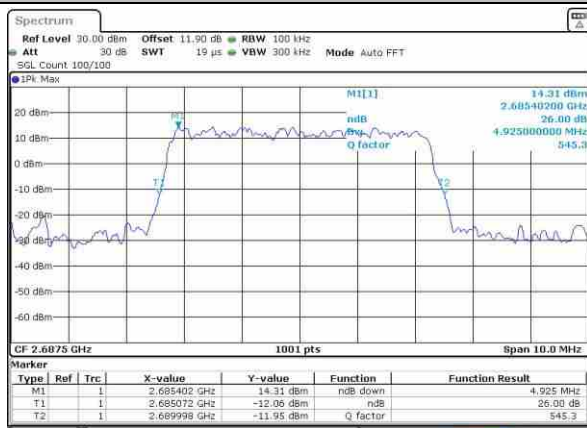
Date: 23 MAY 2019 03:23:17

Middle Channel / 5MHz / 16QAM



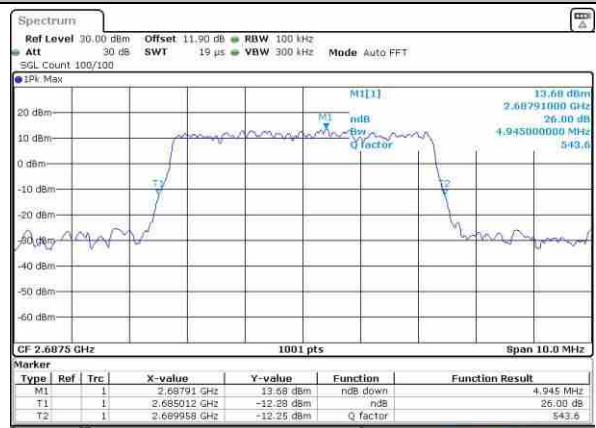
Date: 23 MAY 2019 03:23:29

Highest Channel / 5MHz / QPSK



Date: 23 MAY 2019 03:24:05

Highest Channel / 5MHz / 16QAM

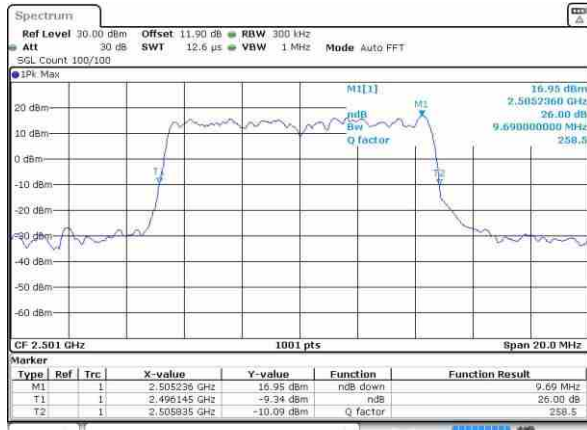


Date: 23 MAY 2019 03:24:18

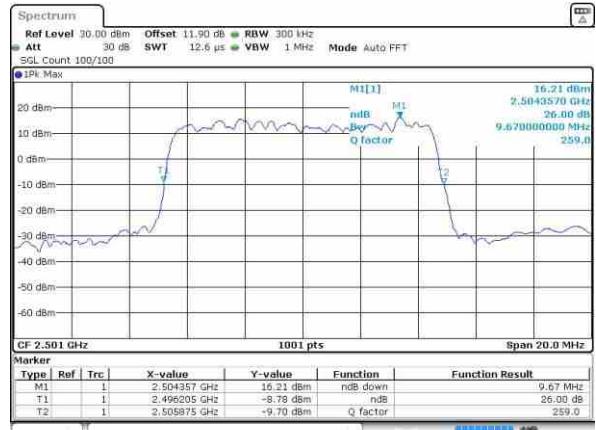


LTE Band 41

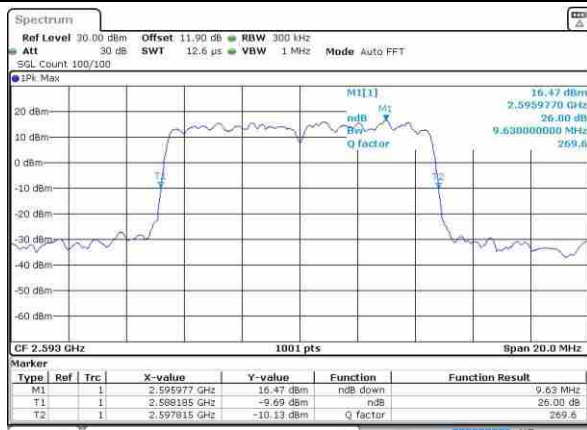
Lowest Channel / 10MHz / QPSK



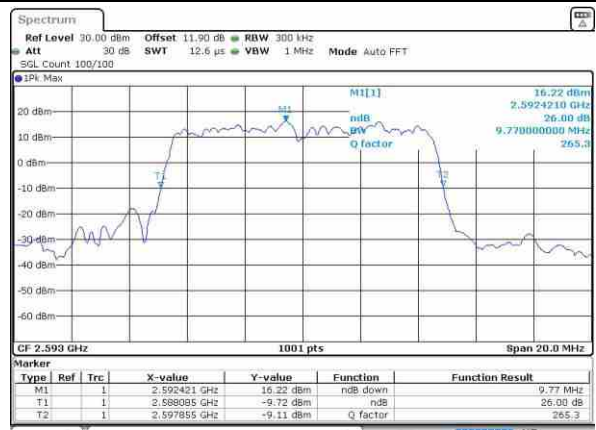
Lowest Channel / 10MHz / 16QAM



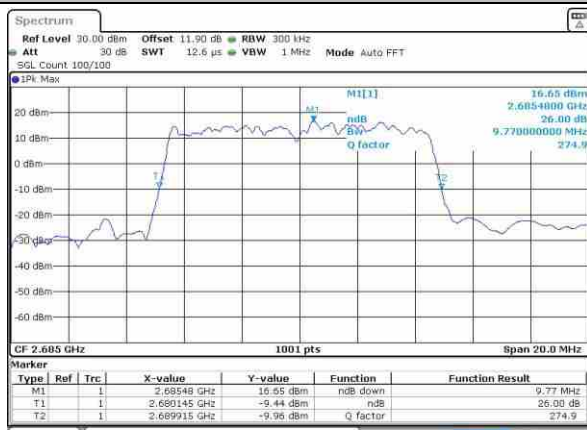
Middle Channel / 10MHz / QPSK



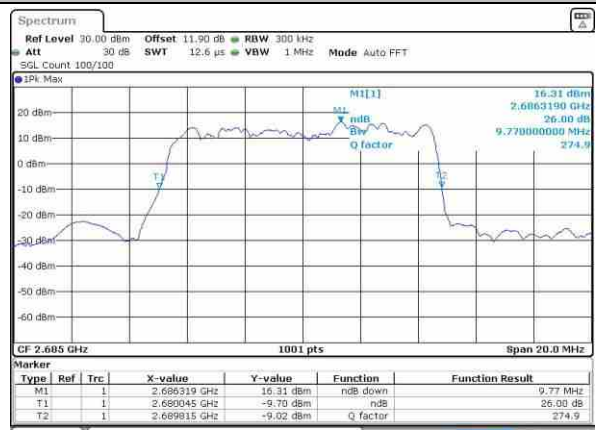
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



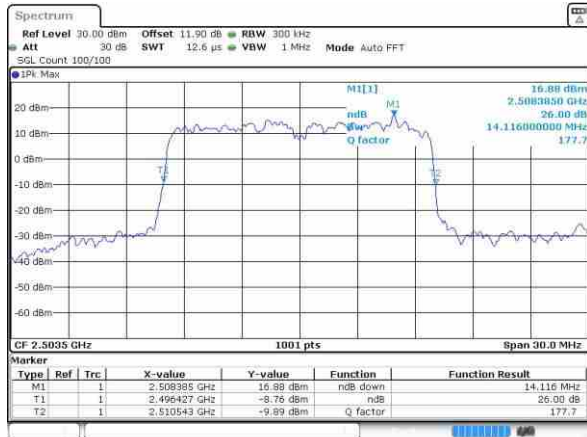
Highest Channel / 10MHz / 16QAM





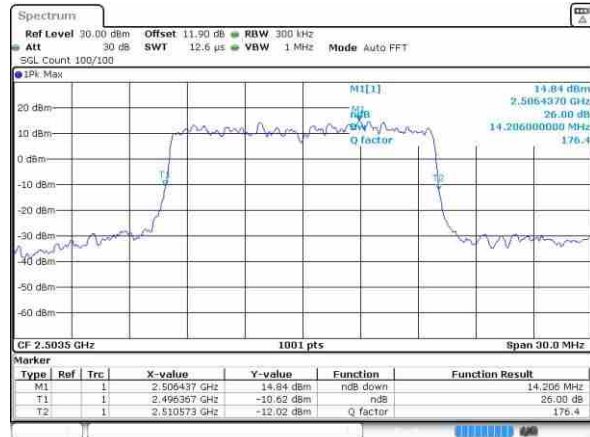
LTE Band 41

Lowest Channel / 15MHz / QPSK



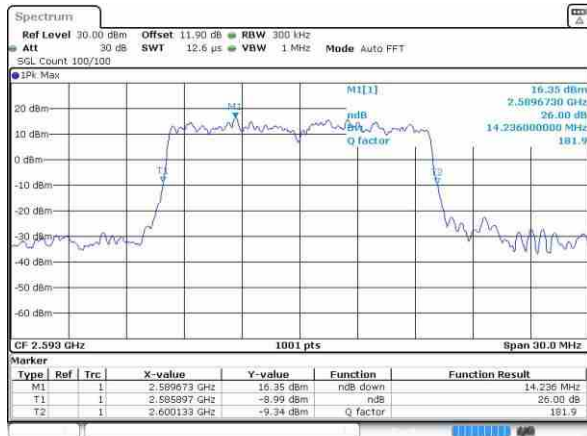
Date: 23 MAY 2019 03:27:24

Lowest Channel / 15MHz / 16QAM



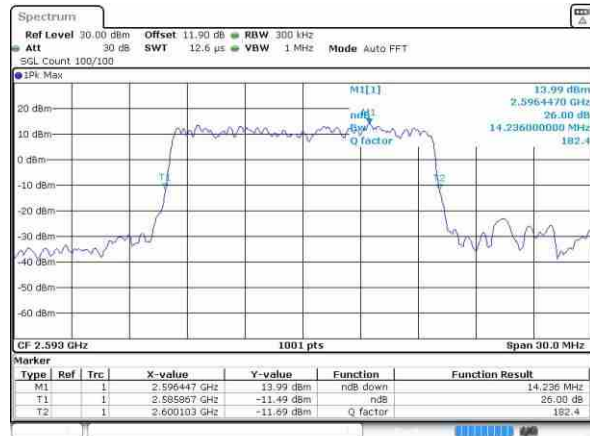
Date: 23 MAY 2019 03:27:36

Middle Channel / 15MHz / QPSK



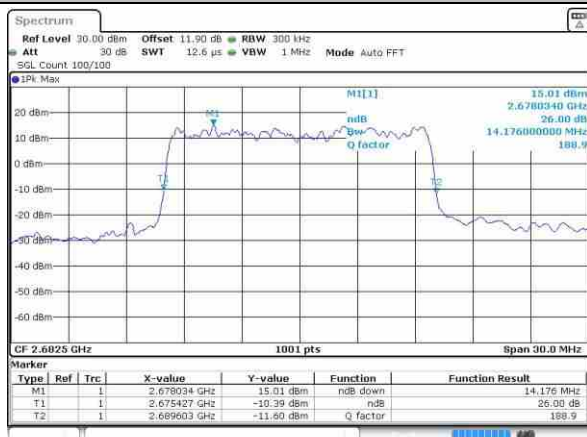
Date: 23 MAY 2019 03:28:12

Middle Channel / 15MHz / 16QAM



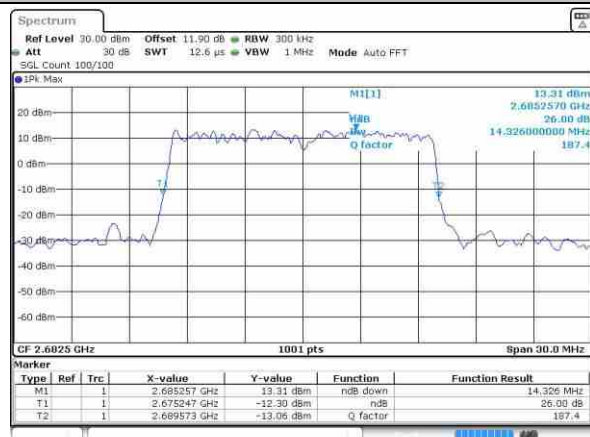
Date: 23 MAY 2019 03:28:23

Highest Channel / 15MHz / QPSK



Date: 23 MAY 2019 03:29:00

Highest Channel / 15MHz / 16QAM

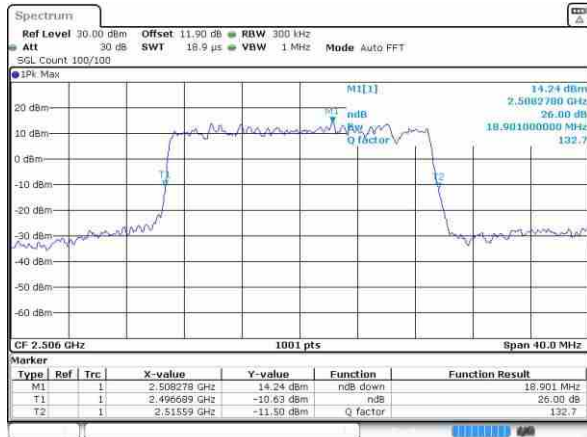


Date: 23 MAY 2019 03:29:12

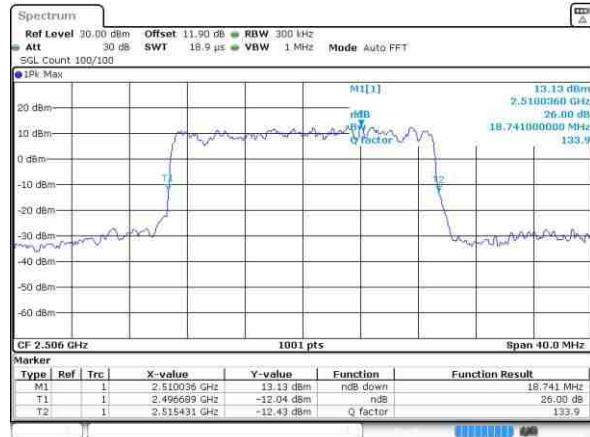


LTE Band 41

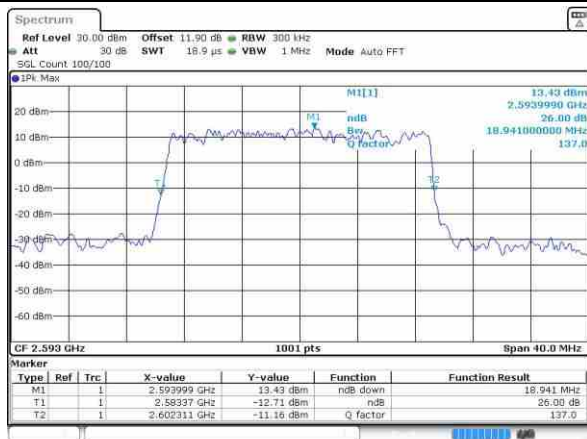
Lowest Channel / 20MHz / QPSK



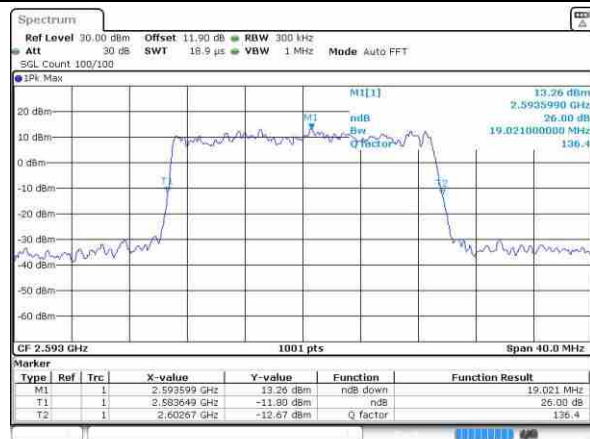
Lowest Channel / 20MHz / 16QAM



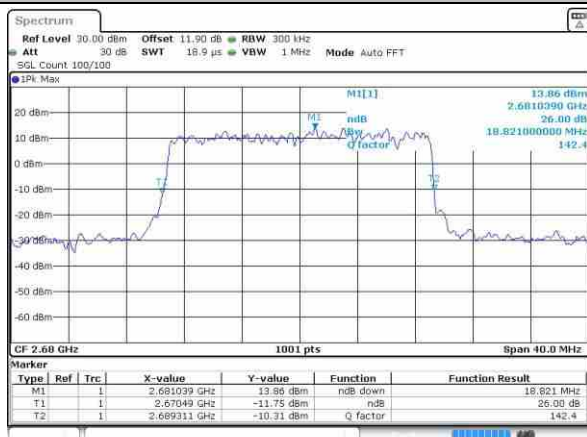
Middle Channel / 20MHz / QPSK



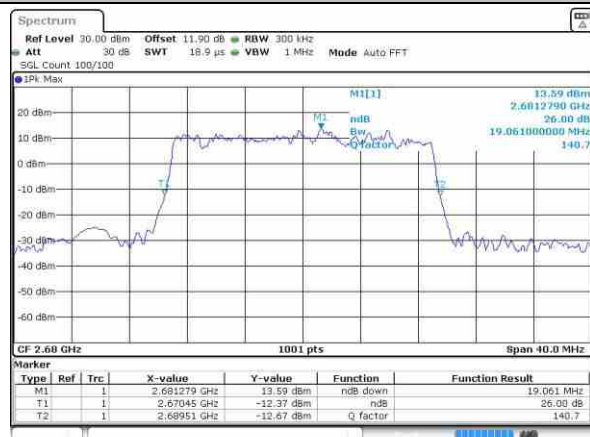
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



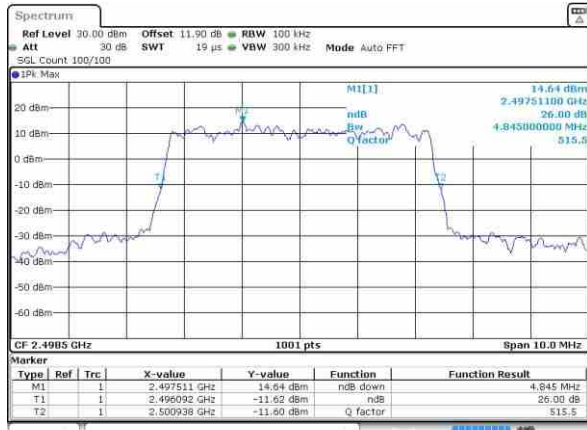
Highest Channel / 20MHz / 16QAM





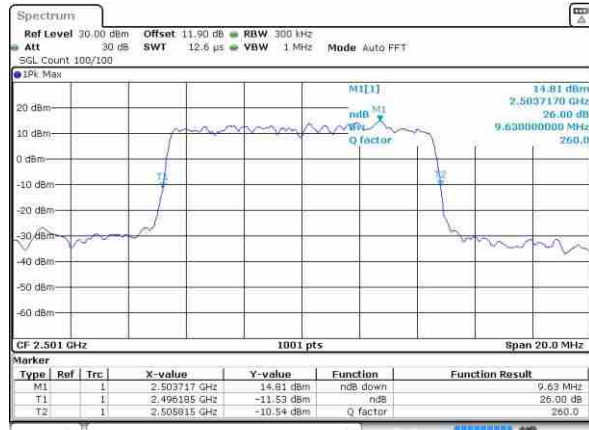
LTE Band 41

Lowest Channel / 5MHz / 64QAM



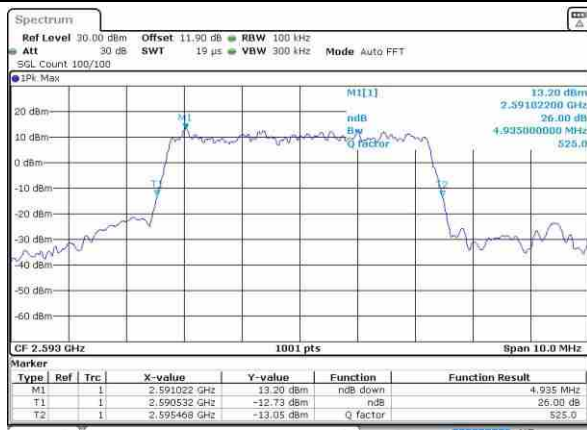
Date: 23 MAY 2019 03:32:06

Lowest Channel / 10MHz / 64QAM



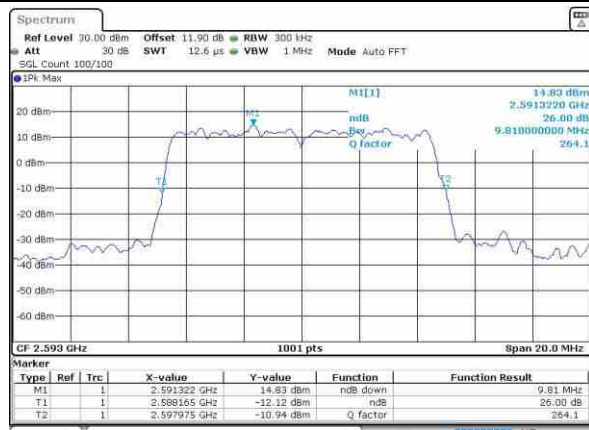
Date: 23 MAY 2019 03:33:20

Middle Channel / 5MHz / 64QAM



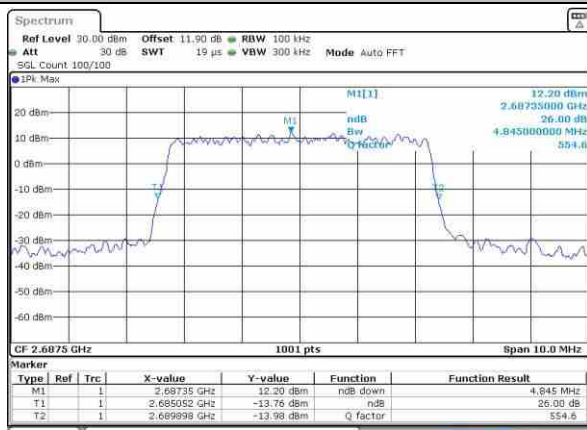
Date: 23 MAY 2019 03:32:30

Middle Channel / 10MHz / 64QAM



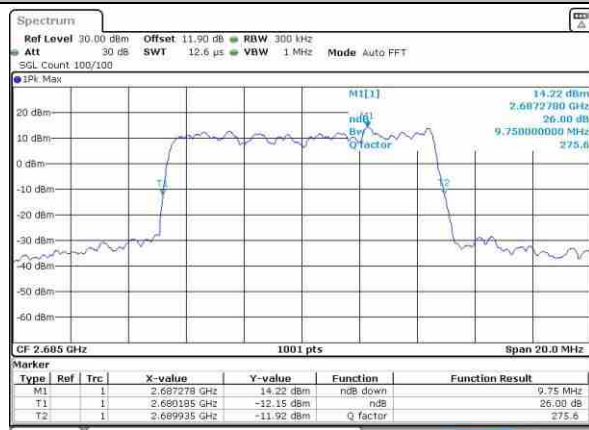
Date: 23 MAY 2019 03:33:44

Highest Channel / 5MHz / 64QAM



Date: 23 MAY 2019 03:32:54

Highest Channel / 10MHz / 64QAM

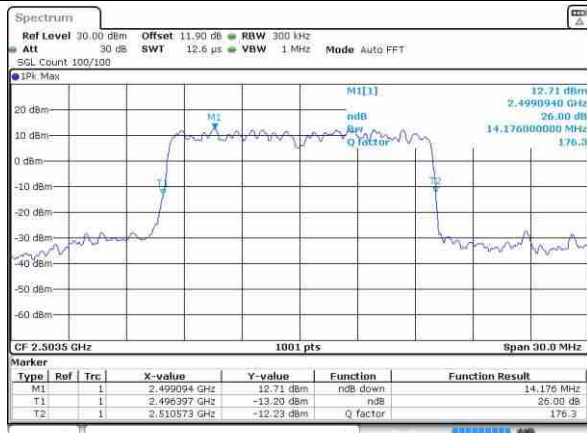


Date: 23 MAY 2019 03:34:08



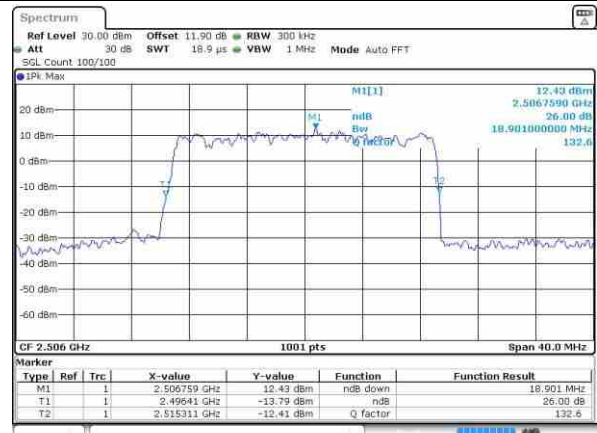
LTE Band 41

Lowest Channel / 15MHz / 64QAM



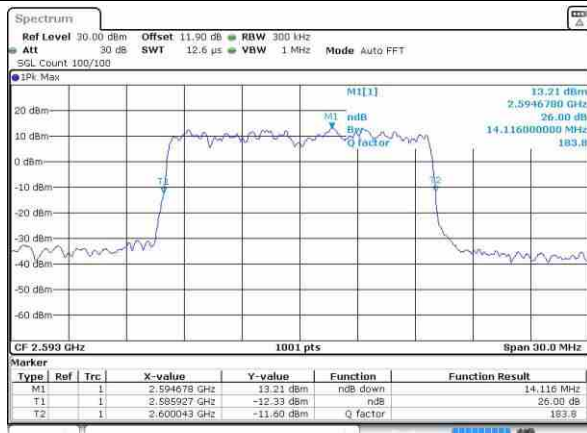
Date: 23 MAY 2019 03:34:34

Lowest Channel / 20MHz / 64QAM



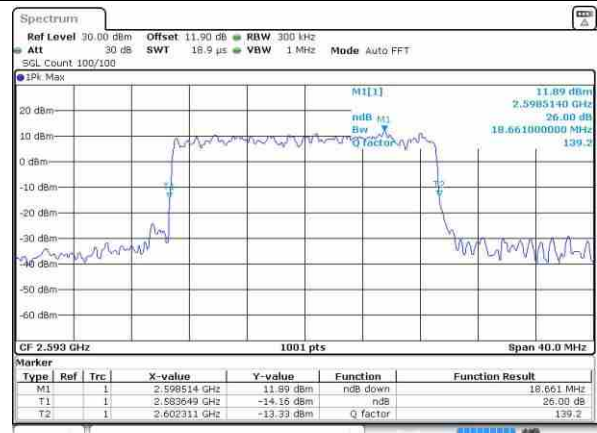
Date: 23 MAY 2019 03:35:48

Middle Channel / 15MHz / 64QAM



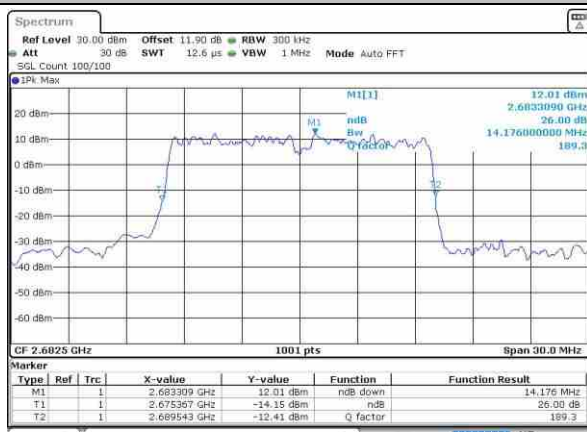
Date: 23 MAY 2019 03:34:58

Middle Channel / 20MHz / 64QAM



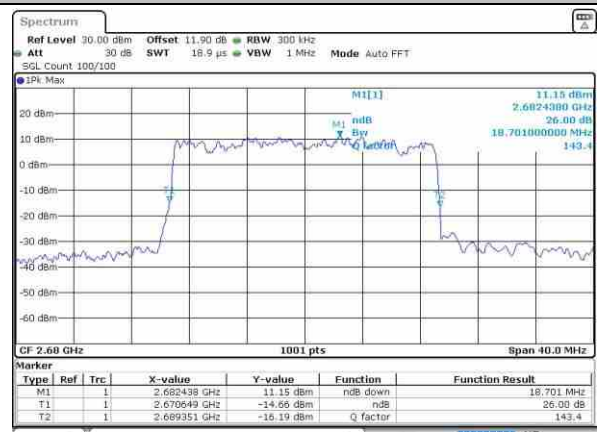
Date: 23 MAY 2019 03:36:12

Highest Channel / 15MHz / 64QAM



Date: 23 MAY 2019 03:35:22

Highest Channel / 20MHz / 64QAM



Date: 23 MAY 2019 03:36:36

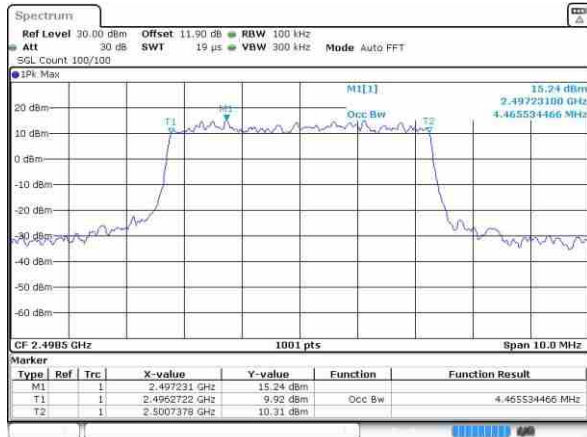
**Occupied Bandwidth**

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	-

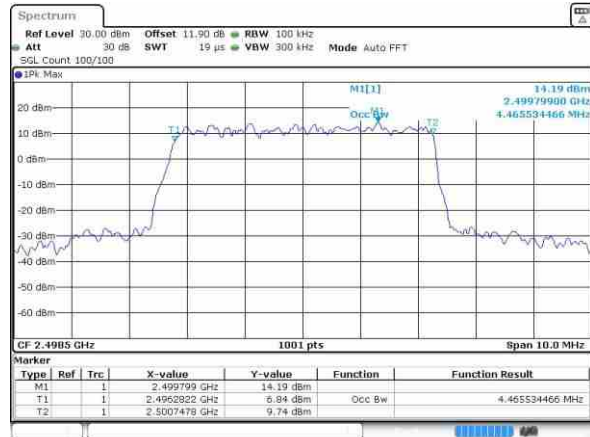


LTE Band 41

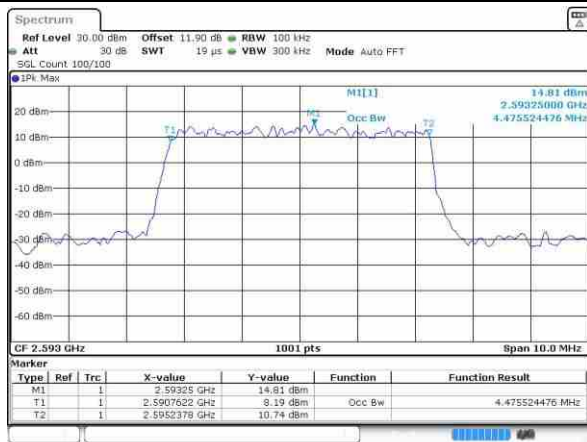
Lowest Channel / 5MHz / QPSK



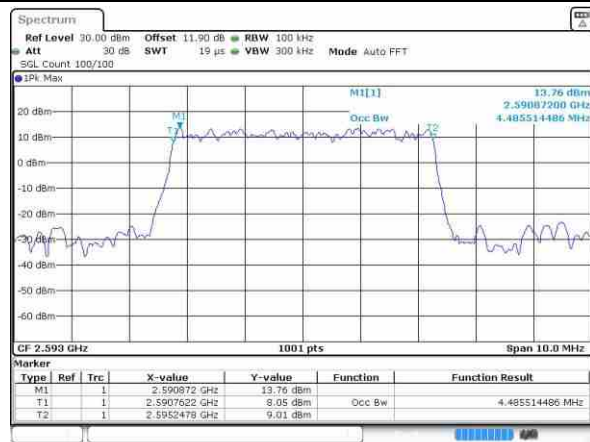
Lowest Channel / 5MHz / 16QAM



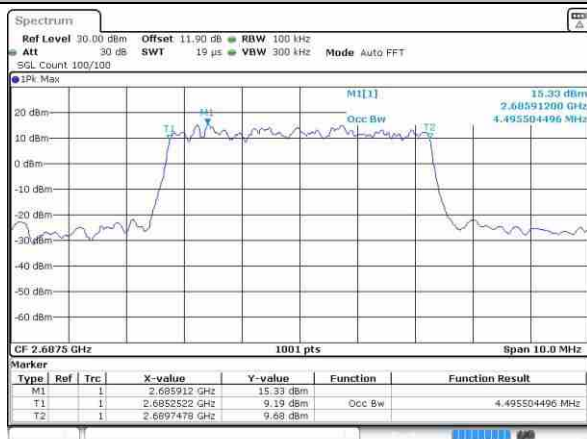
Middle Channel / 5MHz / QPSK



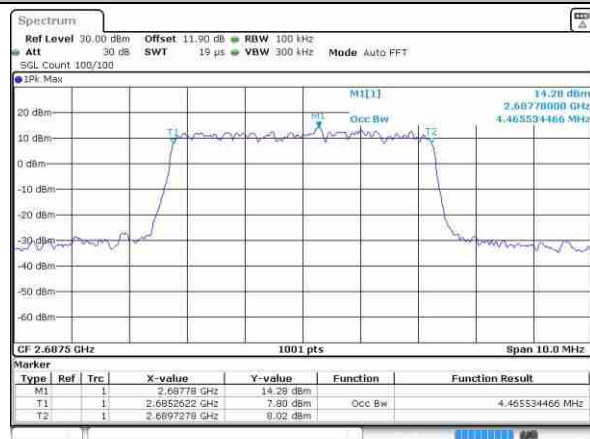
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



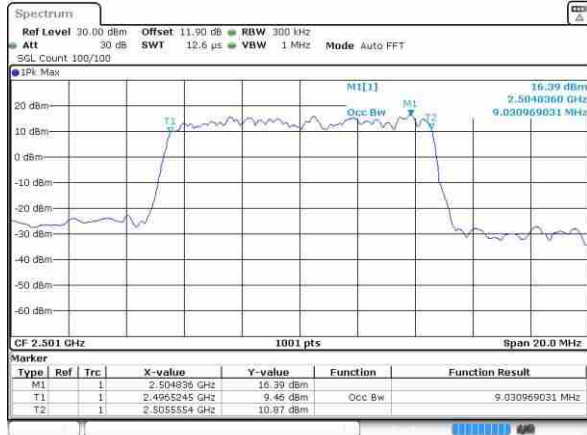
Highest Channel / 5MHz / 16QAM



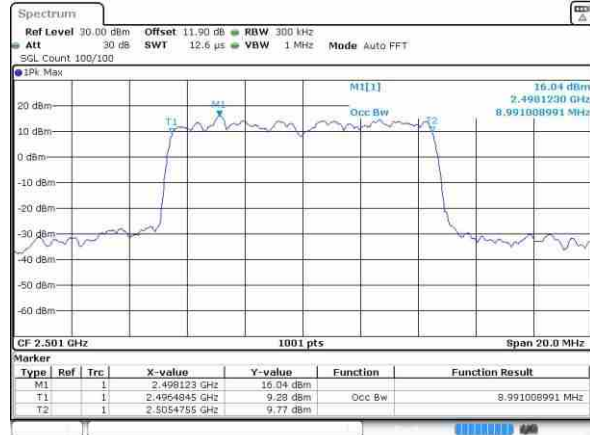


LTE Band 41

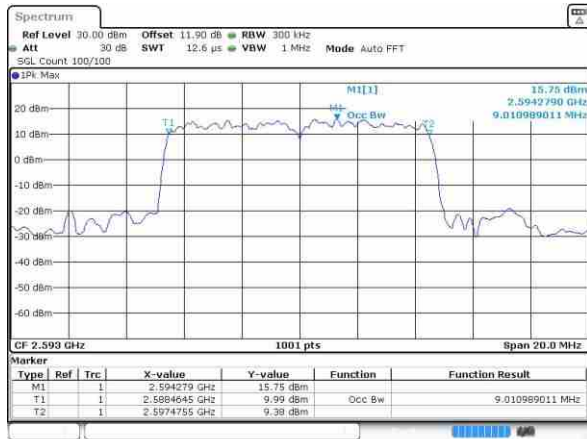
Lowest Channel / 10MHz / QPSK



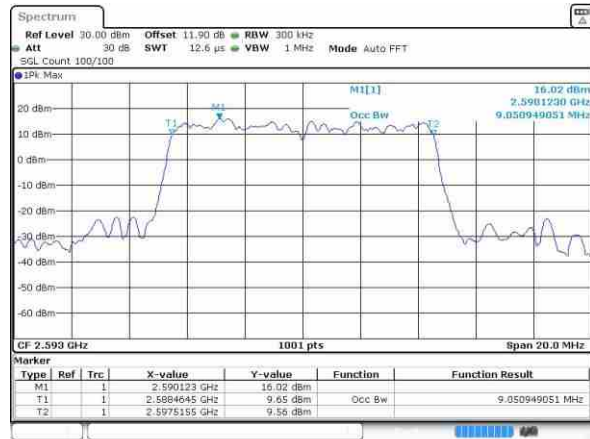
Lowest Channel / 10MHz / 16QAM



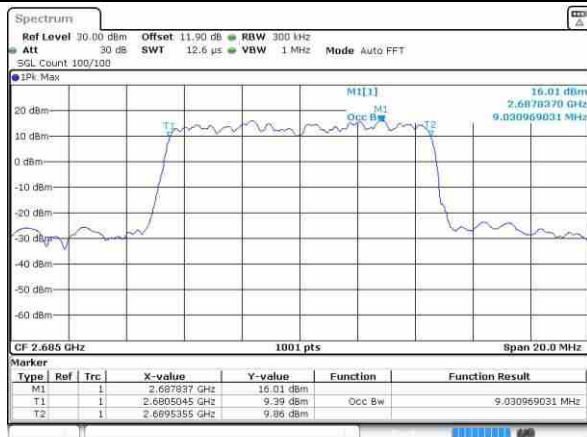
Middle Channel / 10MHz / QPSK



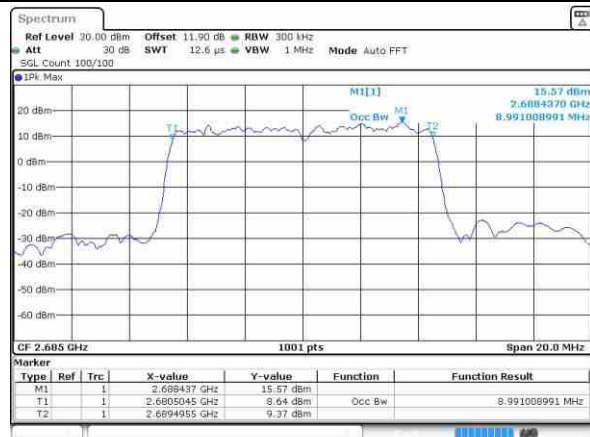
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



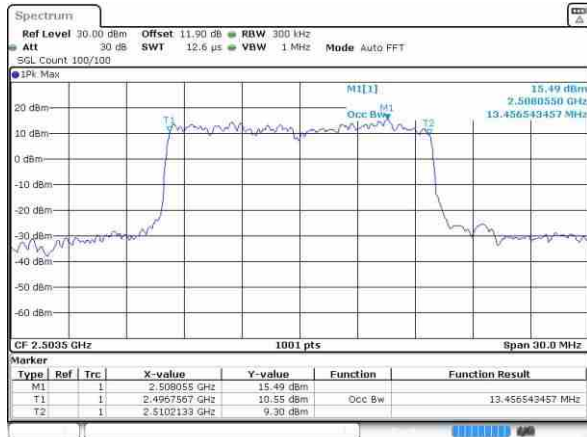
Highest Channel / 10MHz / 16QAM



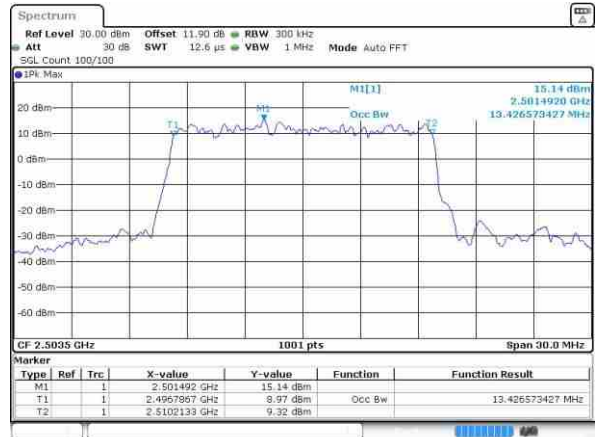


LTE Band 41

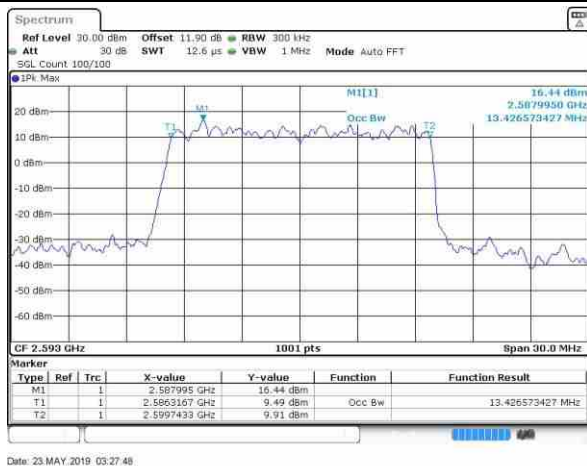
Lowest Channel / 15MHz / QPSK



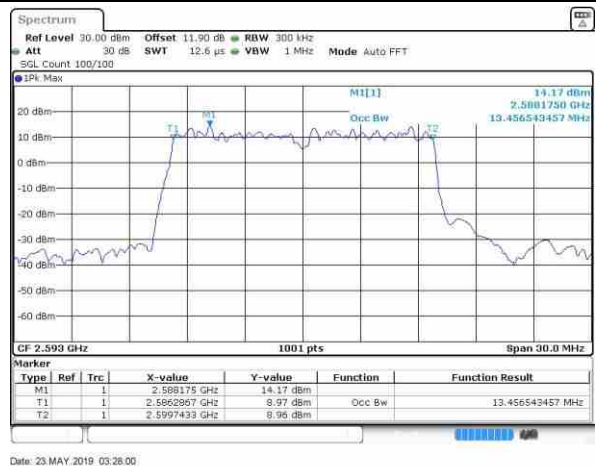
Lowest Channel / 15MHz / 16QAM



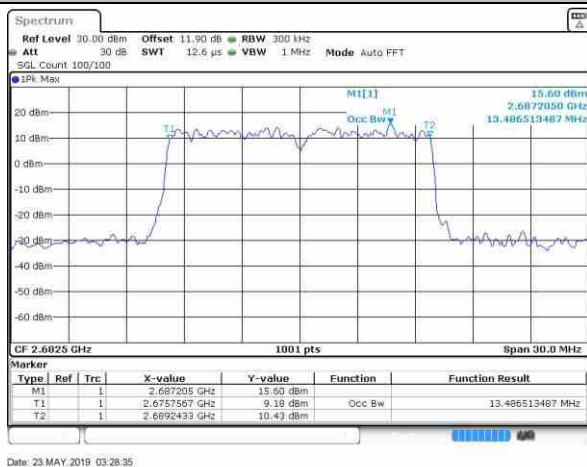
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

