

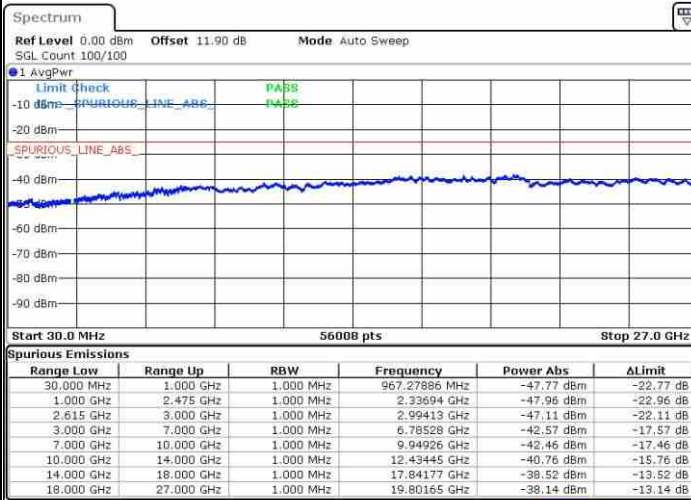


LTE Band 7C / 20MHz+15MHz

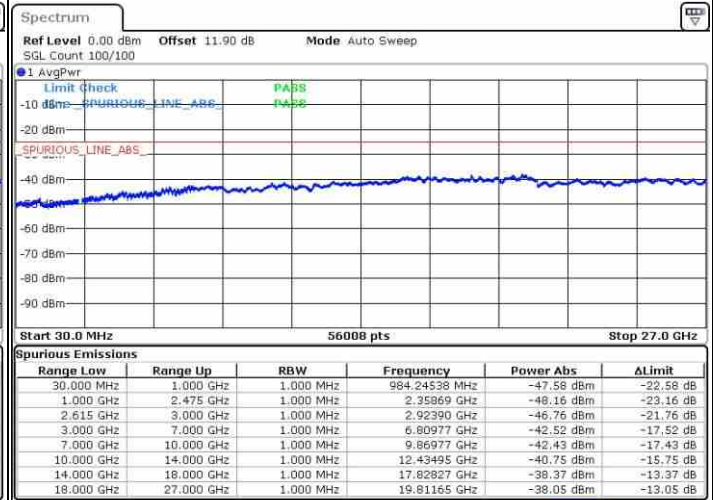
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



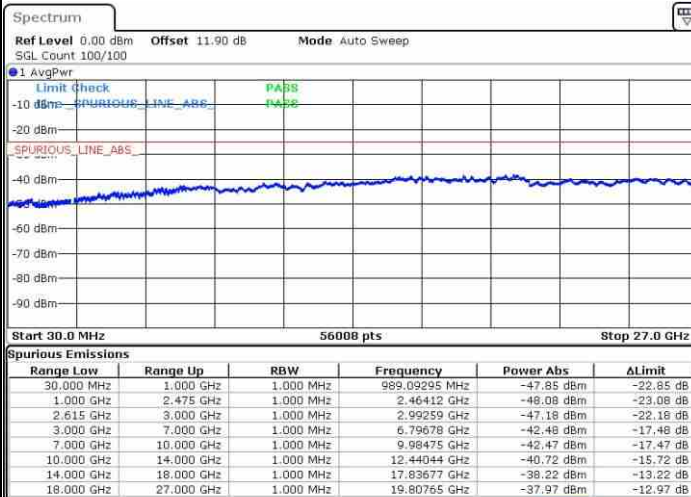
Date: 20 JUN 2019 18:09:23



Date: 20 JUN 2019 18:08:25

Highest Channel / FullIRB

N/A



Date: 20 JUN 2019 18:14:13

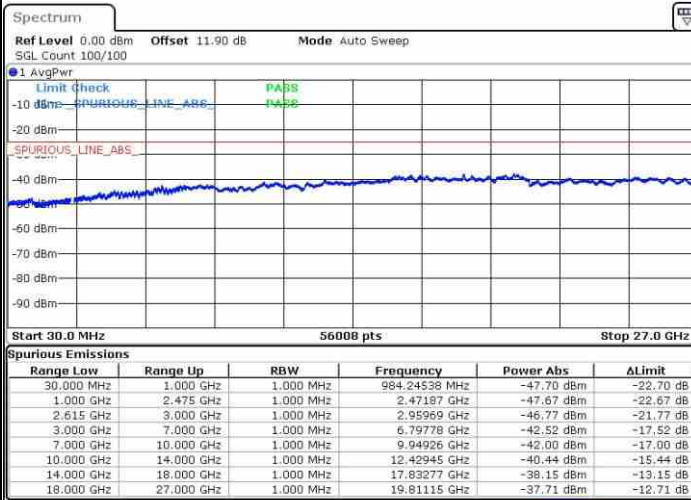


LTE Band 7C / 20MHz+20MHz

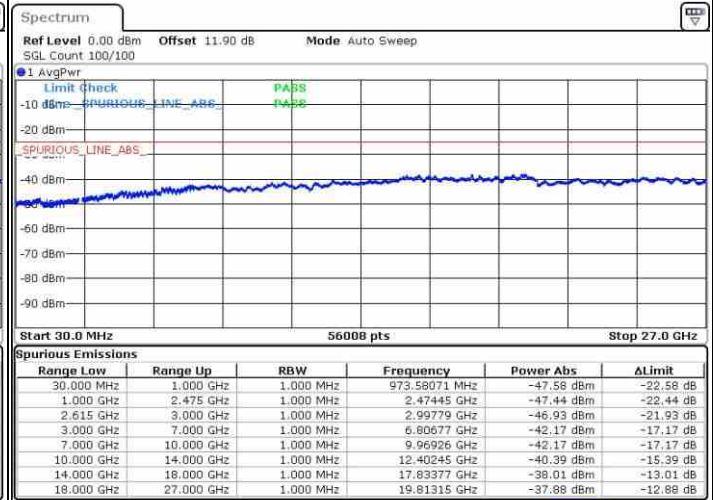
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



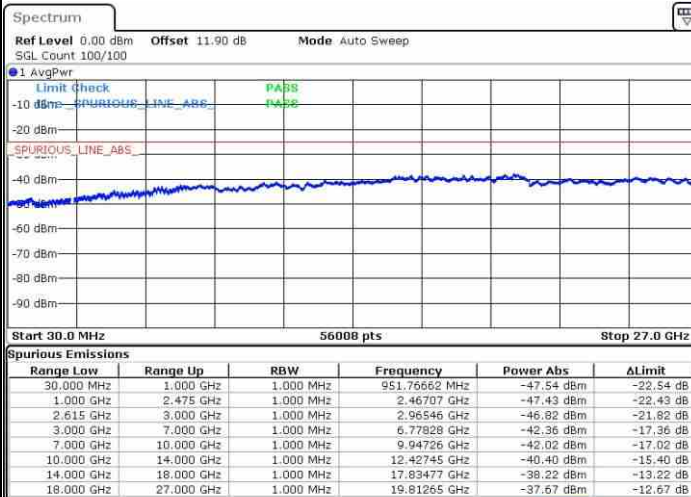
Date: 21 JUN 2019 14:19:52



Date: 21 JUN 2019 14:15:04

Lowest Channel / FullRB

N/A



Date: 21 JUN 2019 14:20:50

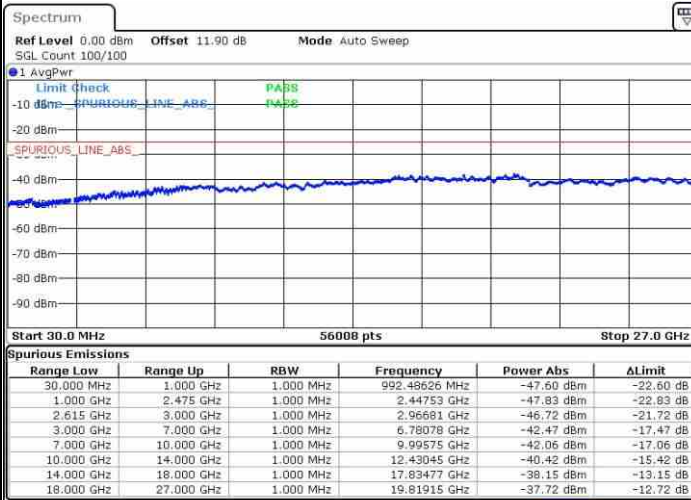


LTE Band 7C / 20MHz+20MHz

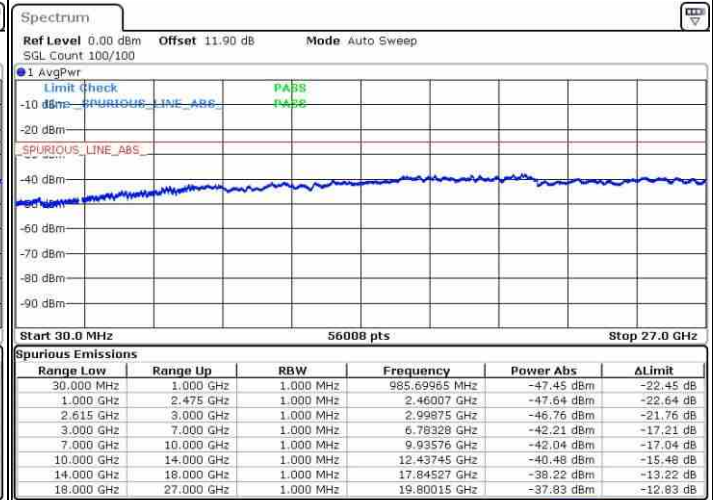
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



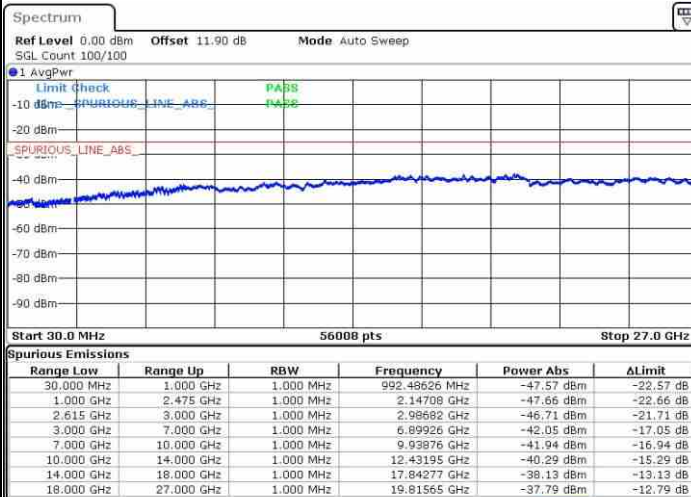
Date: 21 JUN 2019 14:58:07



Date: 21 JUN 2019 15:02:58

Middle Channel / FullIRB

N/A



Date: 21 JUN 2019 14:57:10

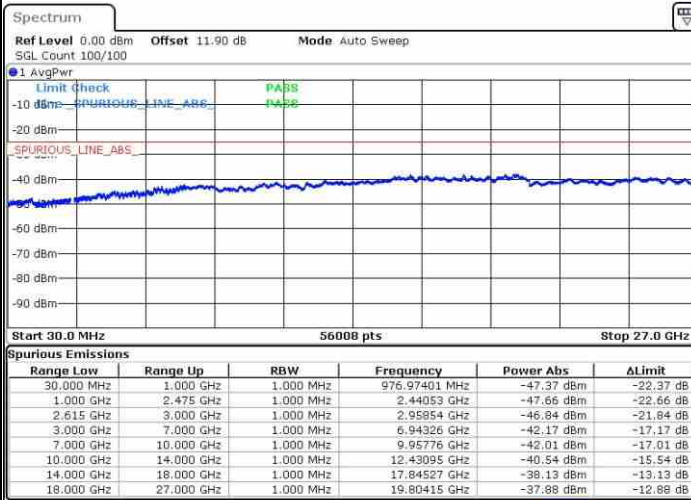


LTE Band 7C / 20MHz+20MHz

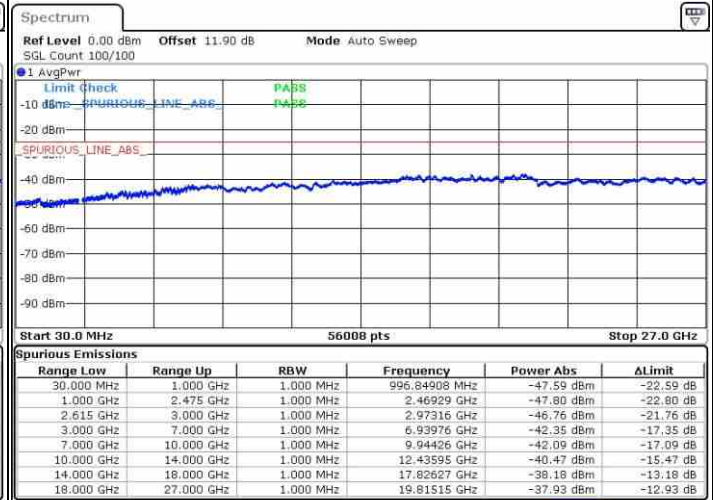
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



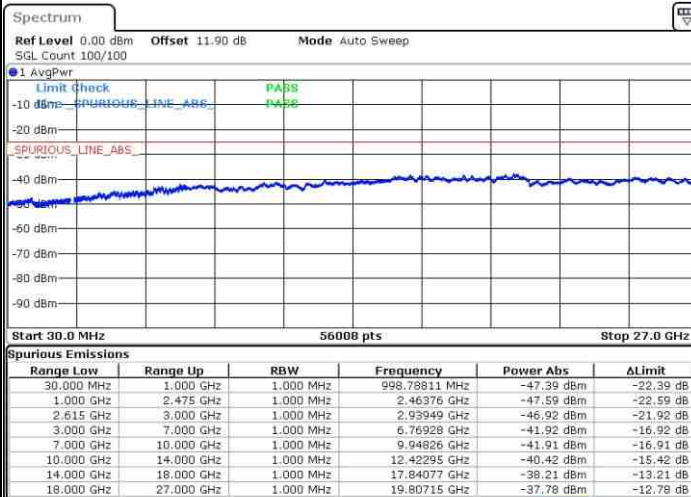
Date: 21 JUN 2019 15:36:04



Date: 21 JUN 2019 15:35:06

Highest Channel / FullRB

N/A



Date: 21 JUN 2019 15:40:55

LTE Band 12

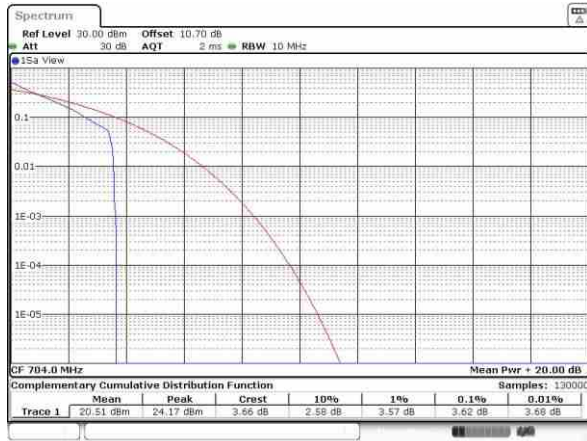
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	5.25	4.00	6.09	PASS
Middle CH	3.77	5.19	4.32	6.17	
Highest CH	3.80	5.13	4.32	6.03	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.04	6.58	-	-	PASS
Middle CH	5.39	6.72	-	-	
Highest CH	5.30	6.58	-	-	

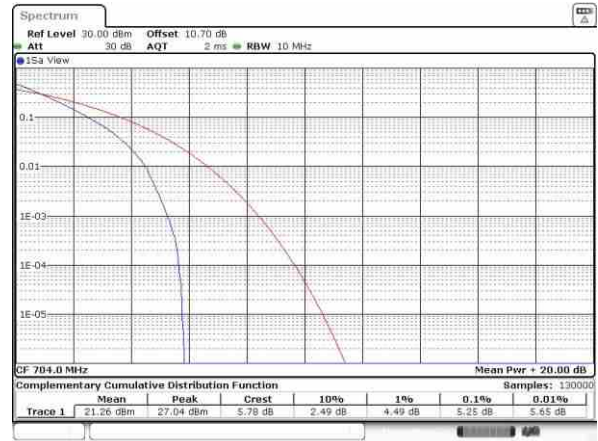


LTE Band 12 / 10MHz / QPSK

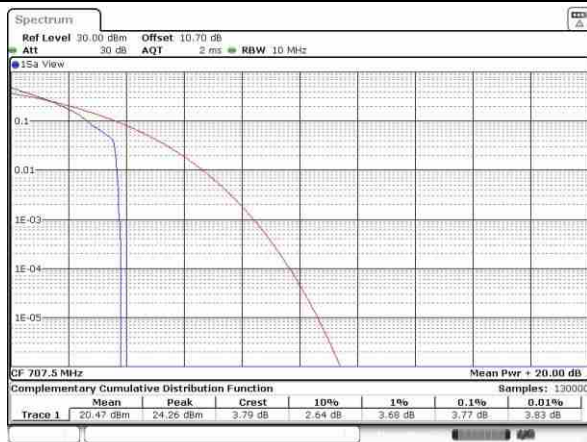
Lowest Channel / 1RB



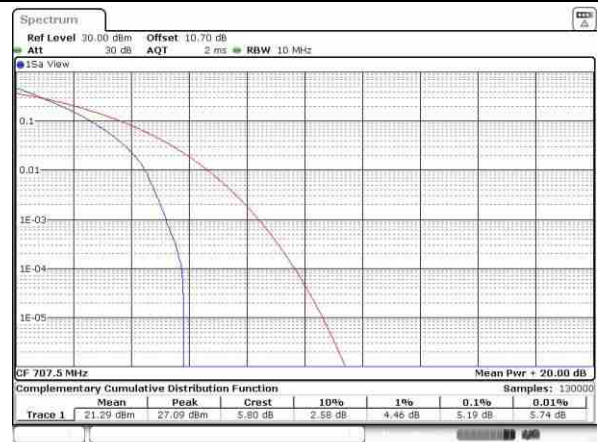
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



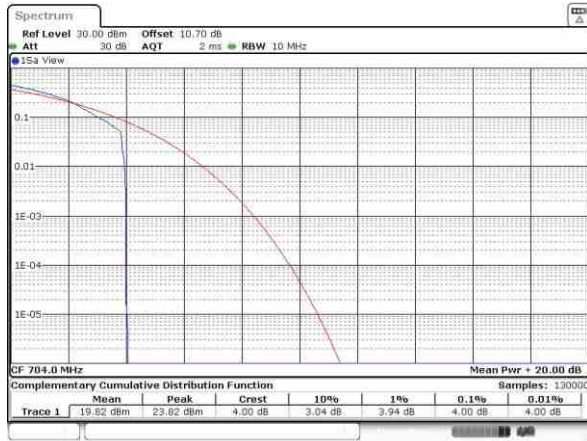
Highest Channel / Full RB





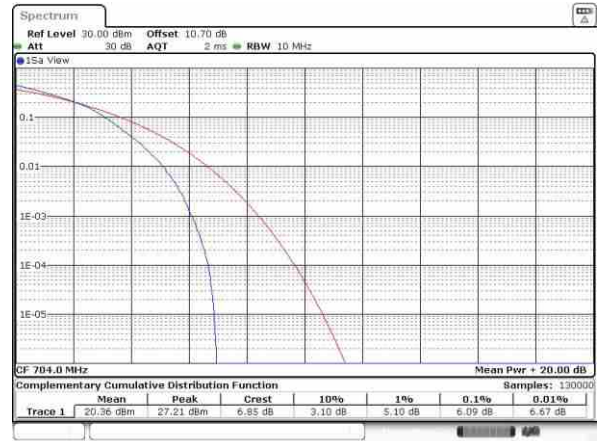
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



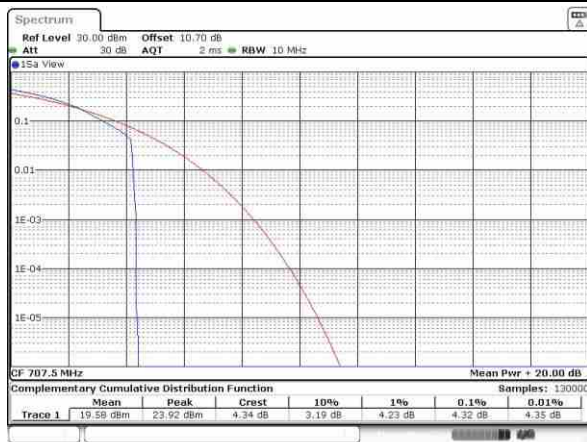
Date: 22 MAY 2019 03:06:01

Lowest Channel / Full RB



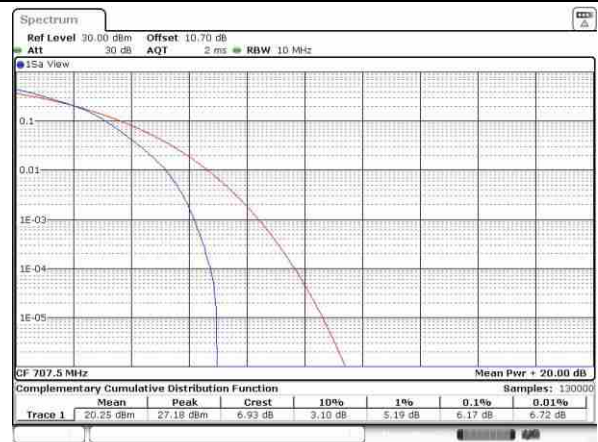
Date: 22 MAY 2019 03:05:18

Middle Channel / 1RB



Date: 22 MAY 2019 03:06:28

Middle Channel / Full RB



Date: 22 MAY 2019 03:06:46

Highest Channel / 1RB



Date: 22 MAY 2019 03:07:45

Highest Channel / Full RB

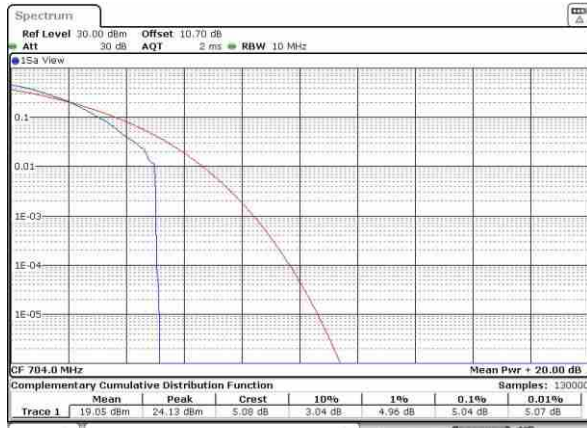


Date: 22 MAY 2019 03:06:58

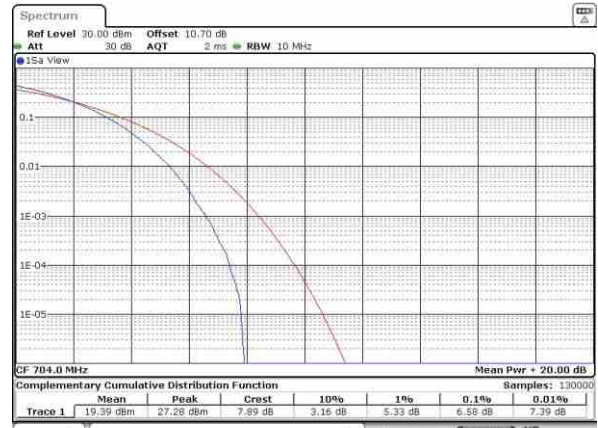


LTE Band 12 / 10MHz / 64QAM

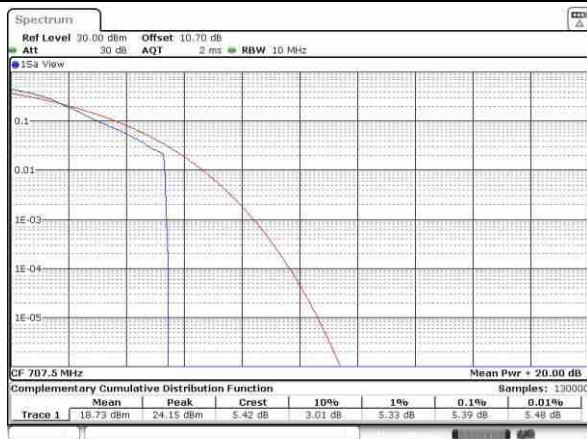
Lowest Channel / 1RB



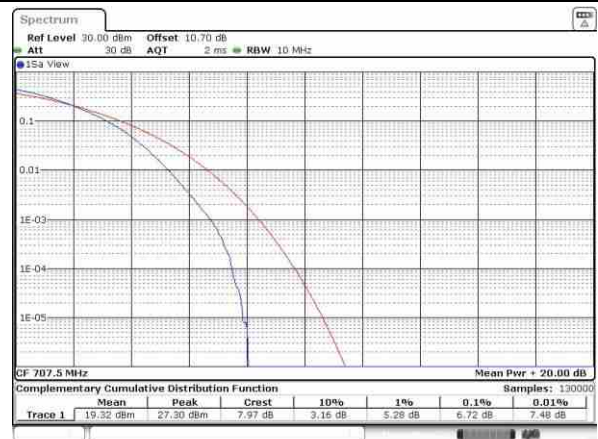
Lowest Channel / Full RB



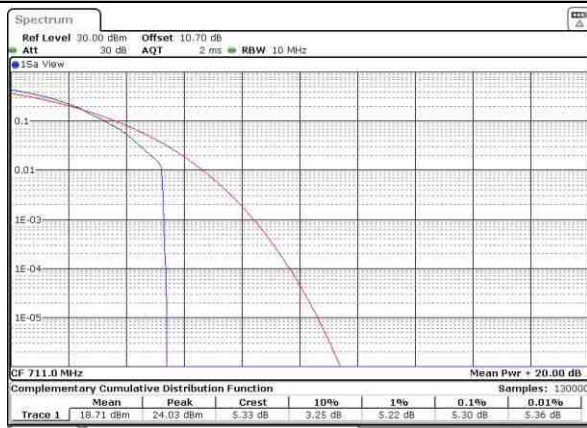
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



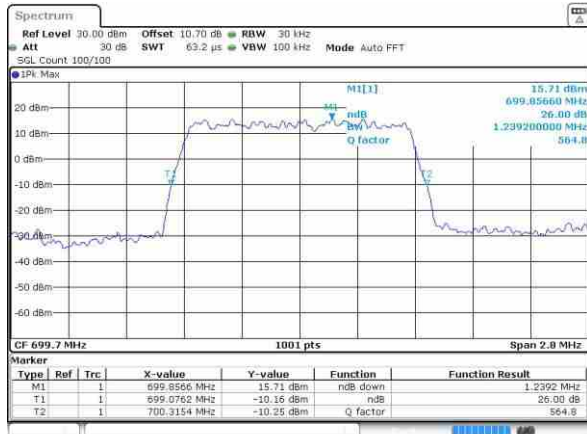
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.24	3.04	3.04	4.97	4.92	9.71	9.77	-	-	-	-
Middle CH	1.22	1.21	2.99	3.00	4.99	4.93	9.89	9.71	-	-	-	-
Highest CH	1.23	1.23	3.03	3.05	4.93	4.94	9.77	9.87	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.24	-	3.01	-	4.92	-	9.93	-	-	-	-	-
Middle CH	1.24	-	3.06	-	4.91	-	9.75	-	-	-	-	-
Highest CH	1.24	-	3.08	-	4.82	-	9.85	-	-	-	-	-



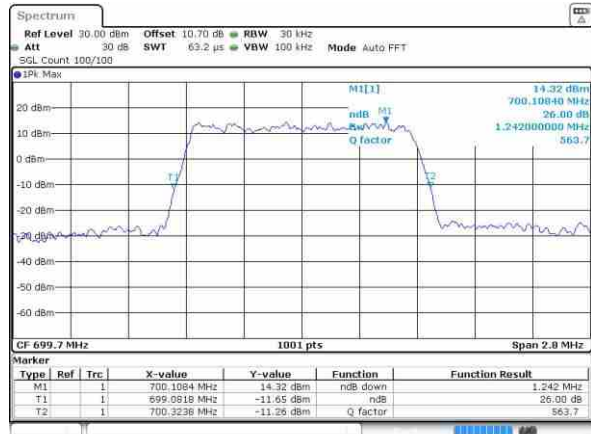
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



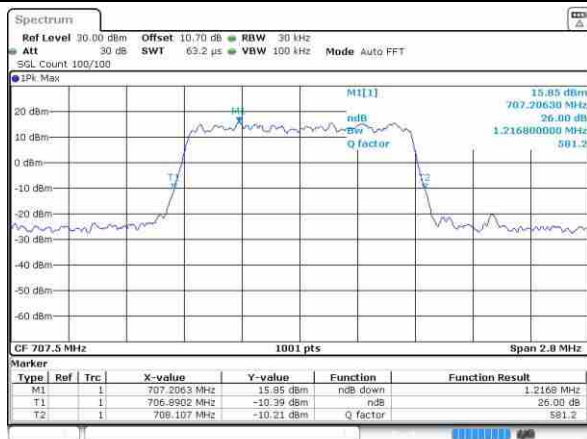
Date: 21 MAY 2019 22:20:43

Lowest Channel / 1.4MHz / 16QAM



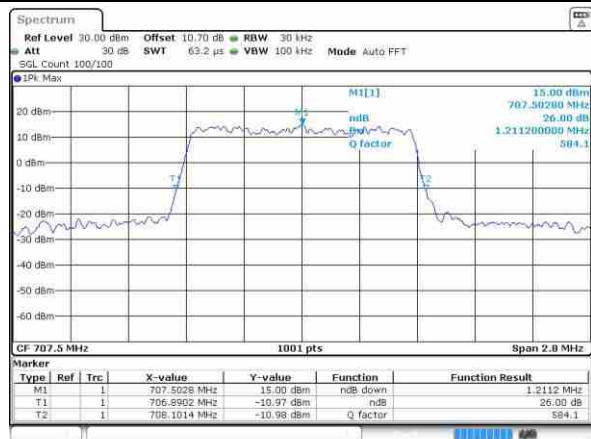
Date: 21 MAY 2019 22:20:30

Middle Channel / 1.4MHz / QPSK



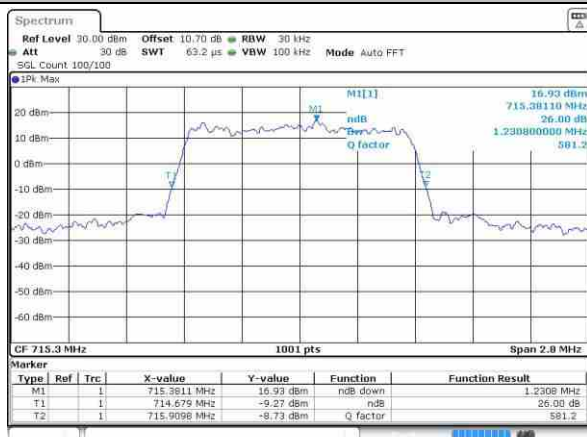
Date: 21 MAY 2019 22:26:55

Middle Channel / 1.4MHz / 16QAM



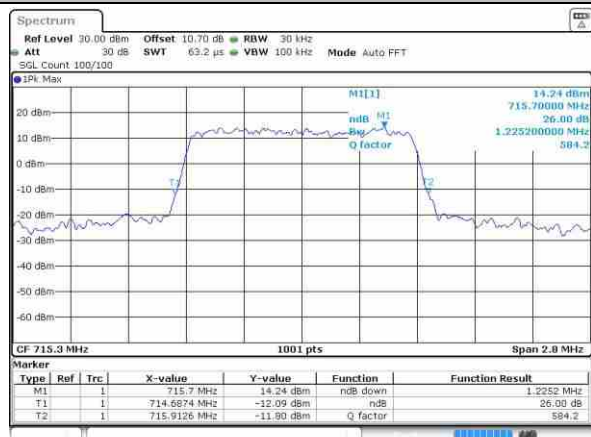
Date: 21 MAY 2019 22:27:07

Highest Channel / 1.4MHz / QPSK



Date: 21 MAY 2019 22:29:27

Highest Channel / 1.4MHz / 16QAM

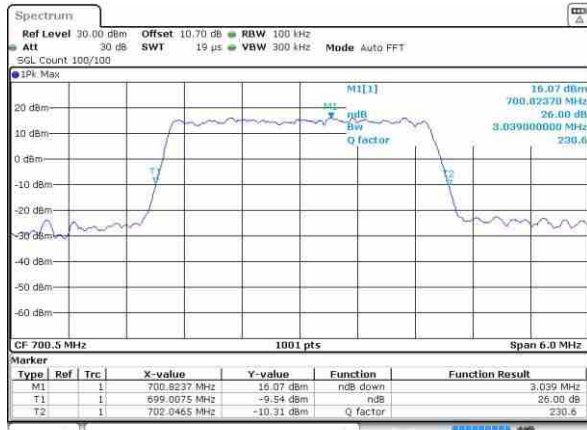


Date: 21 MAY 2019 22:29:15



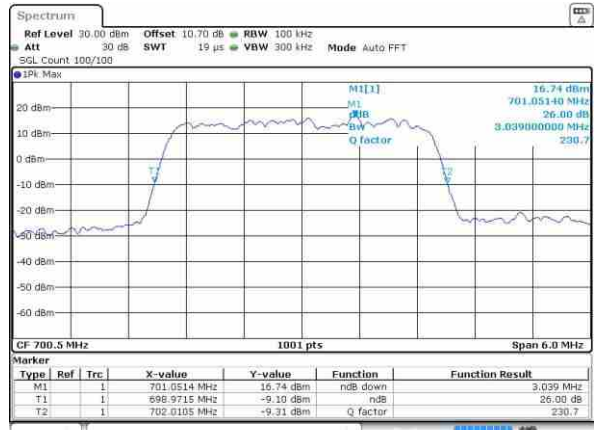
LTE Band 12

Lowest Channel / 3MHz / QPSK



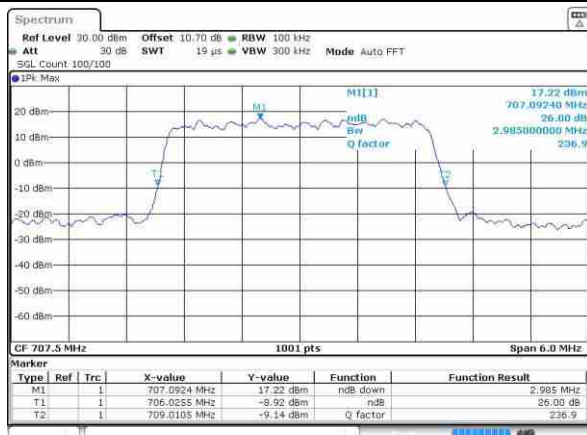
Date: 21 MAY 2019 22:43:29

Lowest Channel / 3MHz / 16QAM



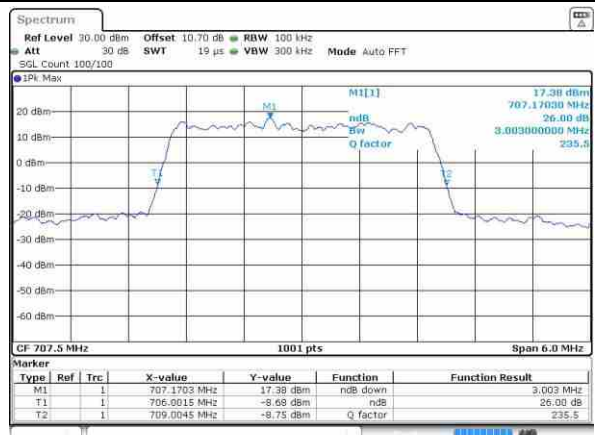
Date: 21 MAY 2019 22:43:17

Middle Channel / 3MHz / QPSK



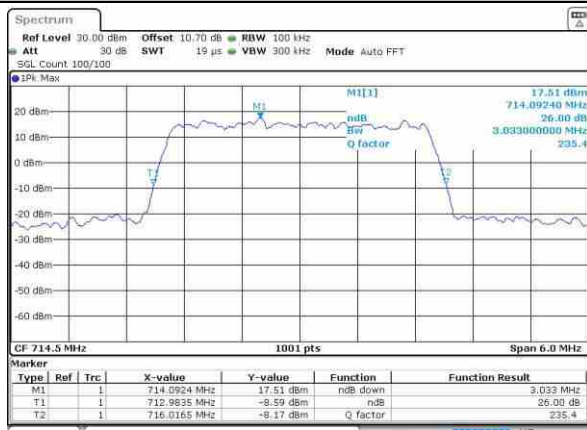
Date: 21 MAY 2019 22:48:41

Middle Channel / 3MHz / 16QAM



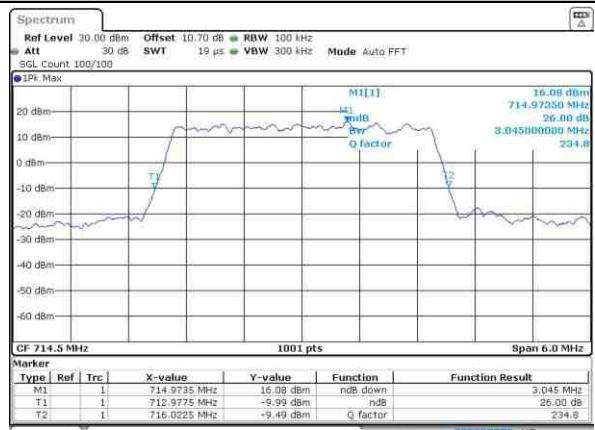
Date: 21 MAY 2019 22:48:53

Highest Channel / 3MHz / QPSK



Date: 21 MAY 2019 22:52:14

Highest Channel / 3MHz / 16QAM

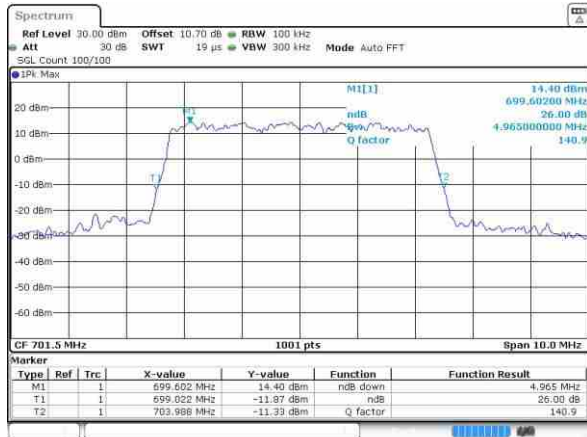


Date: 21 MAY 2019 22:52:01

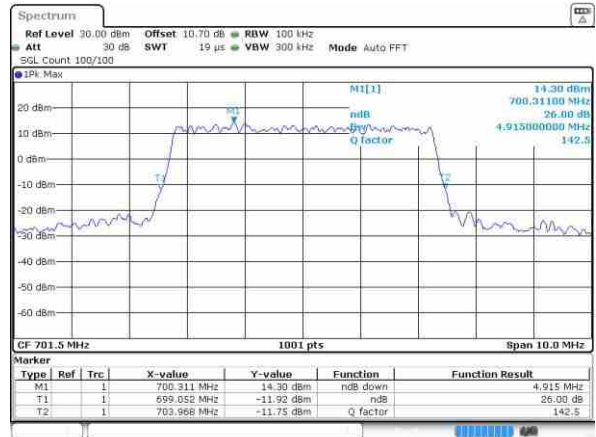


LTE Band 12

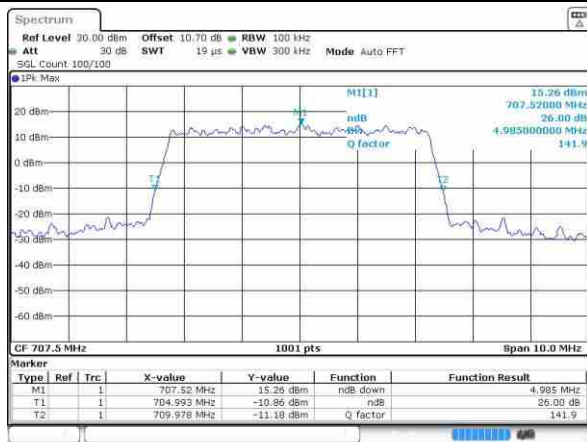
Lowest Channel / 5MHz / QPSK



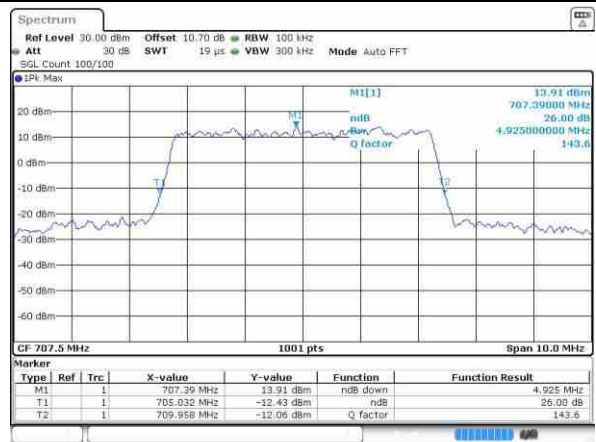
Lowest Channel / 5MHz / 16QAM



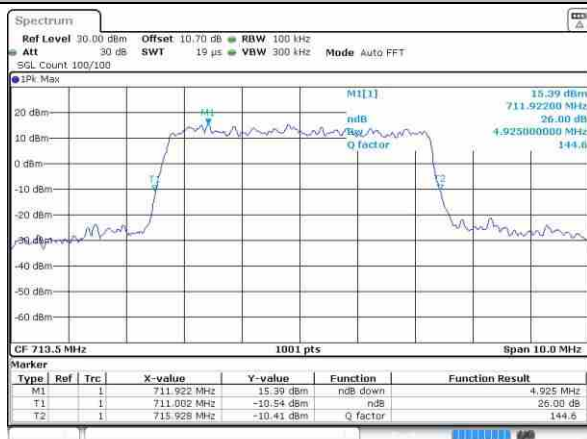
Middle Channel / 5MHz / QPSK



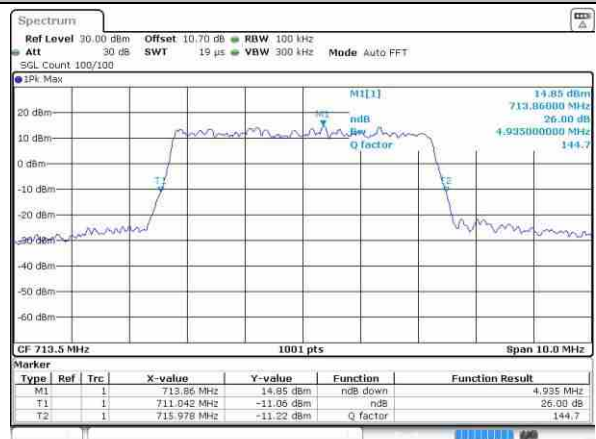
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



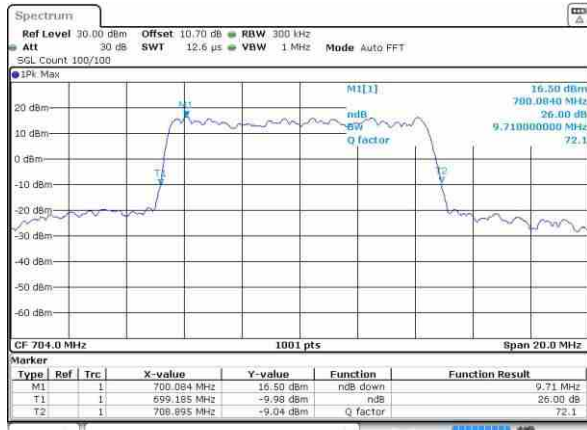
Highest Channel / 5MHz / 16QAM





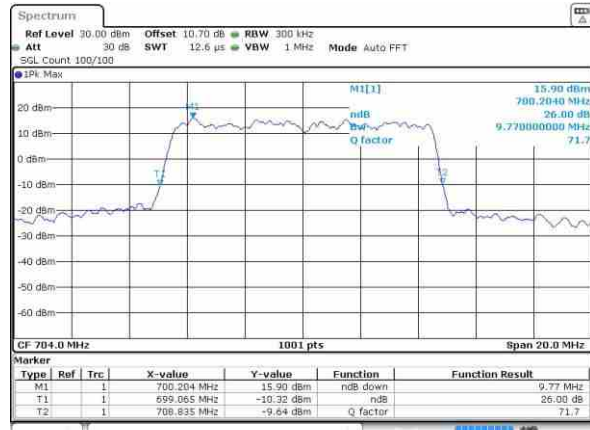
LTE Band 12

Lowest Channel / 10MHz / QPSK



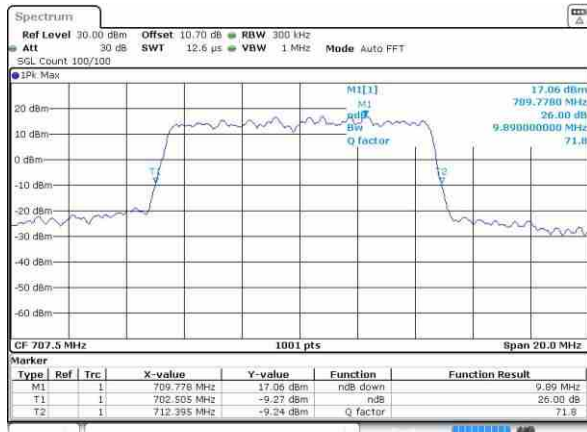
Date: 22 MAY 2019 02:38:23

Lowest Channel / 10MHz / 16QAM



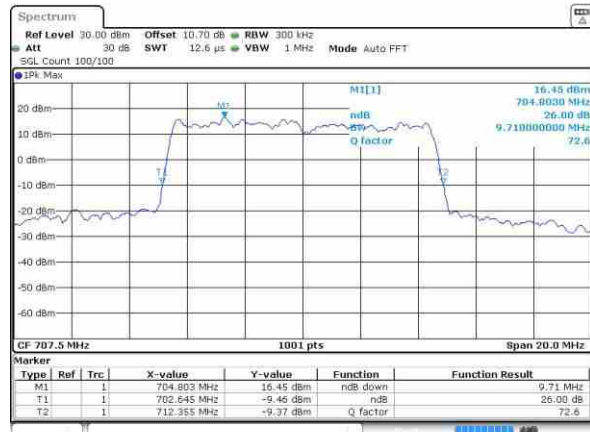
Date: 22 MAY 2019 02:38:11

Middle Channel / 10MHz / QPSK



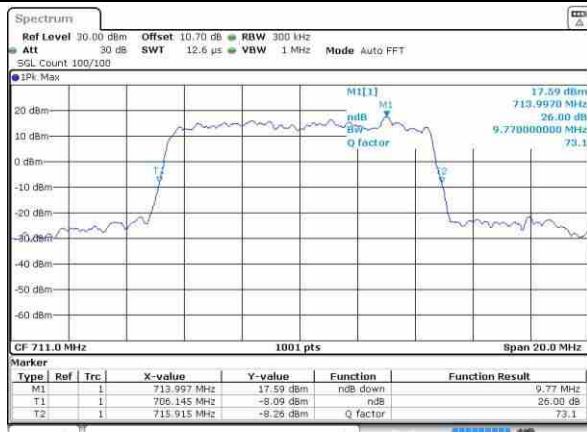
Date: 22 MAY 2019 02:44:35

Middle Channel / 10MHz / 16QAM



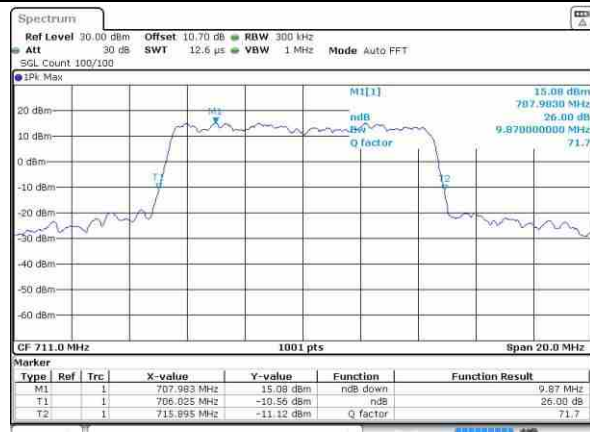
Date: 22 MAY 2019 02:44:47

Highest Channel / 10MHz / QPSK



Date: 22 MAY 2019 02:47:07

Highest Channel / 10MHz / 16QAM

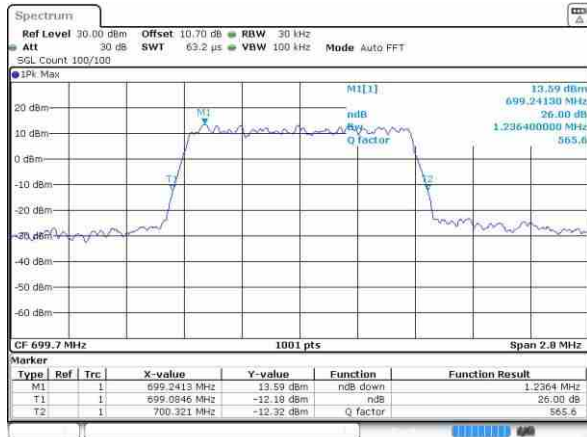


Date: 22 MAY 2019 02:46:55

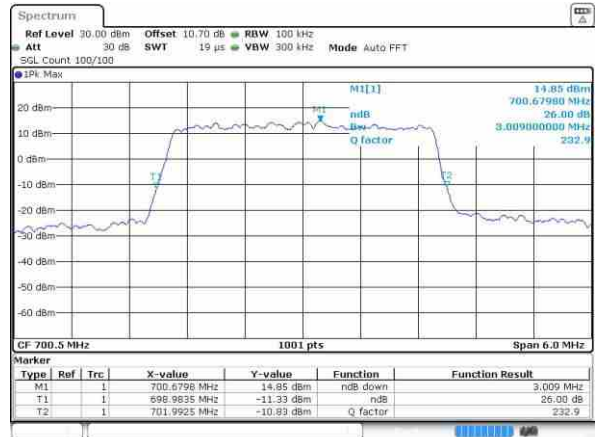


LTE Band 12

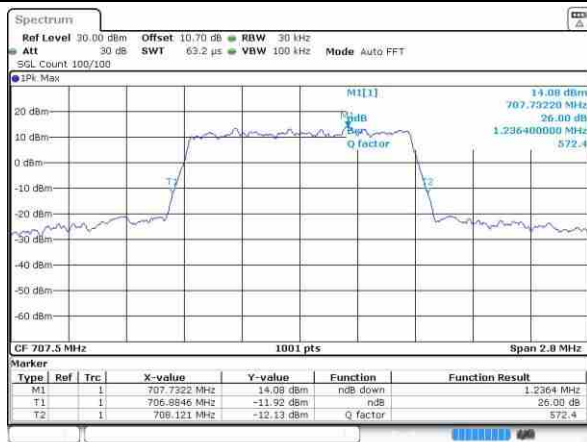
Lowest Channel / 1.4MHz / 64QAM



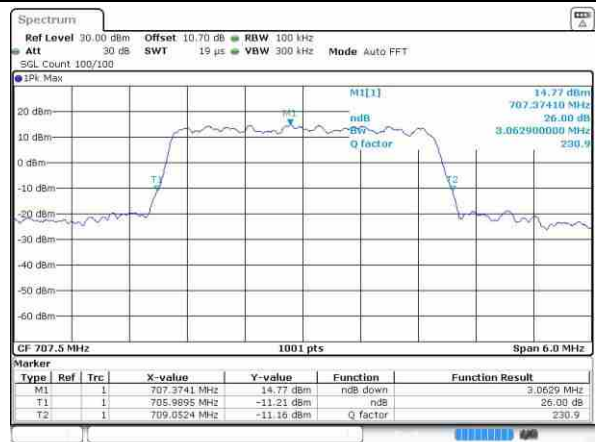
Lowest Channel / 3MHz / 64QAM



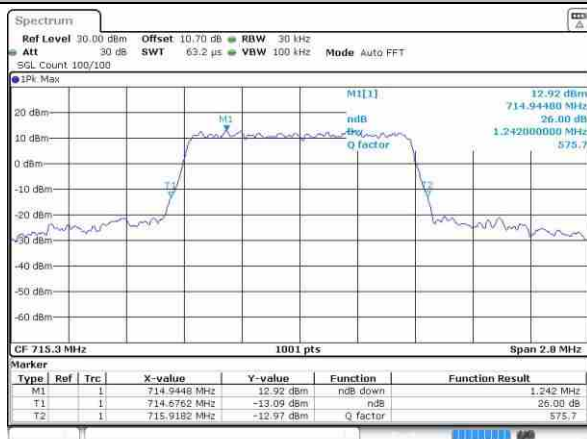
Middle Channel / 1.4MHz / 64QAM



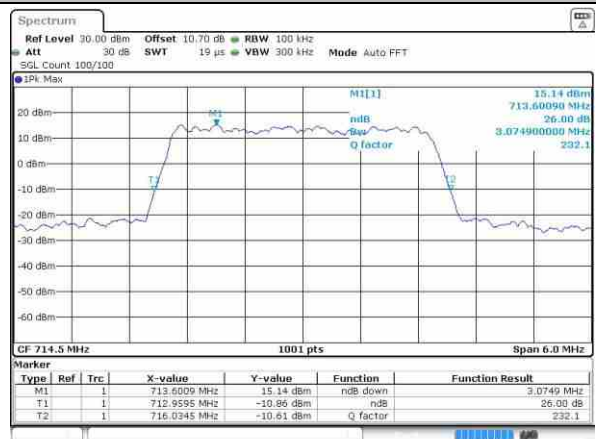
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



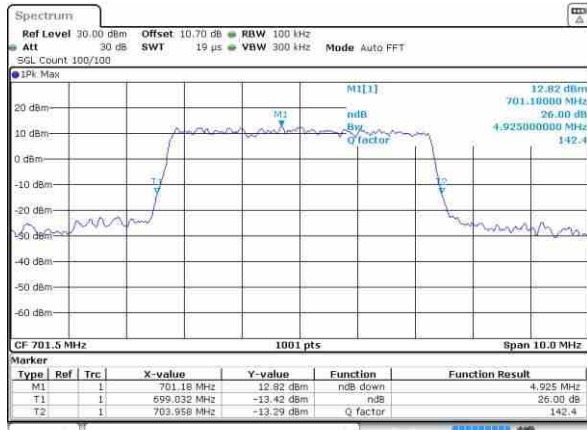
Highest Channel / 3MHz / 64QAM



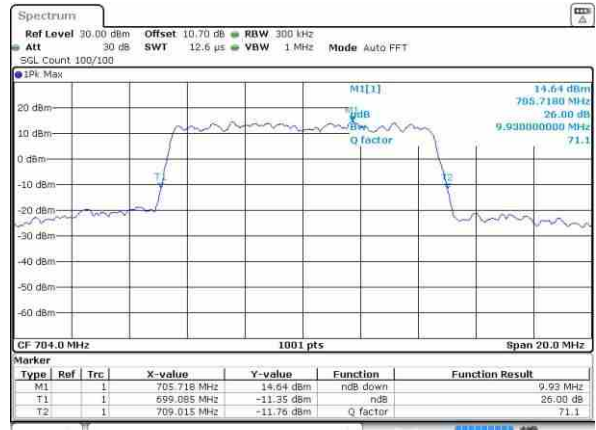


LTE Band 12

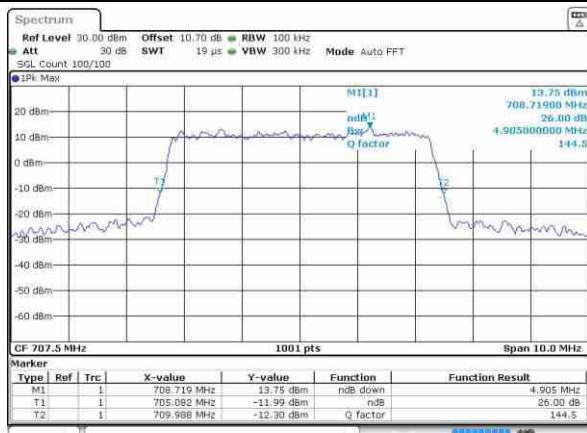
Lowest Channel / 5MHz / 64QAM



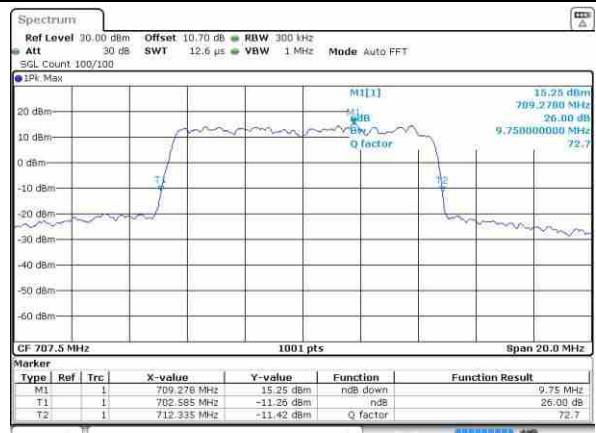
Lowest Channel / 10MHz / 64QAM



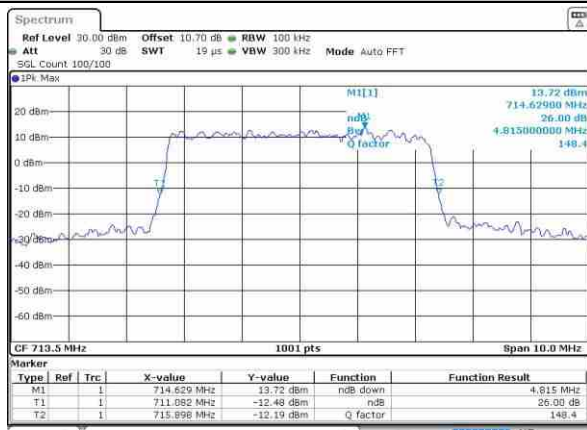
Middle Channel / 5MHz / 64QAM



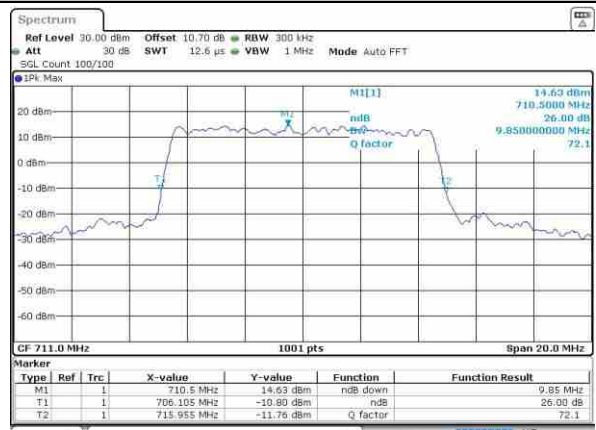
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



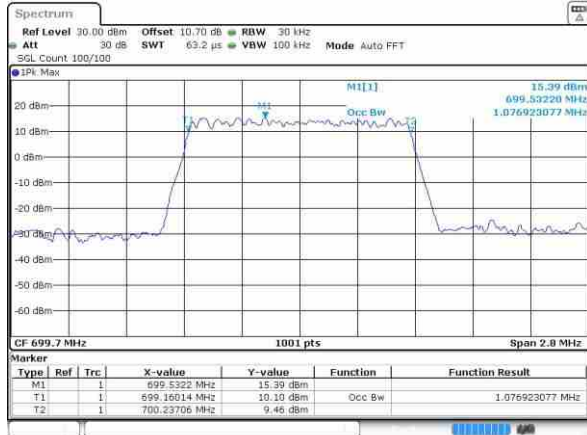
**Occupied Bandwidth**

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.09	2.73	2.71	4.50	4.50	9.07	9.05	-	-	-	-
Middle CH	1.10	1.09	2.71	2.74	4.50	4.48	9.05	9.01	-	-	-	-
Highest CH	1.09	1.09	2.73	2.72	4.49	4.49	9.05	9.01	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10	-	2.72	-	4.49	-	9.03	-	-	-	-	-
Middle CH	1.09	-	2.73	-	4.49	-	9.01	-	-	-	-	-
Highest CH	1.08	-	2.73	-	4.48	-	9.01	-	-	-	-	-

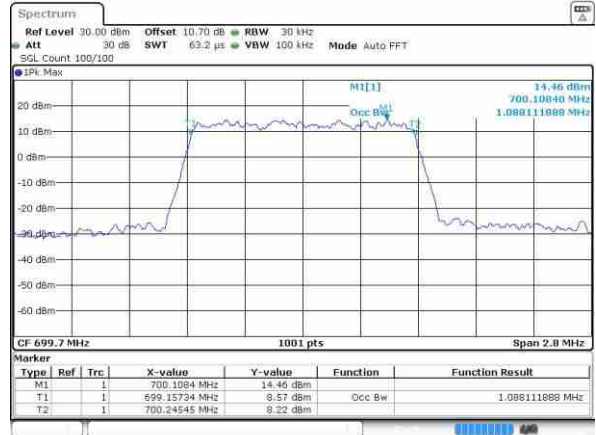


LTE Band 12

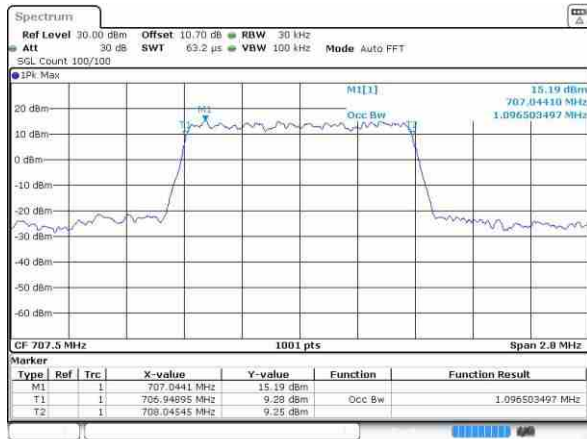
Lowest Channel / 1.4MHz / QPSK



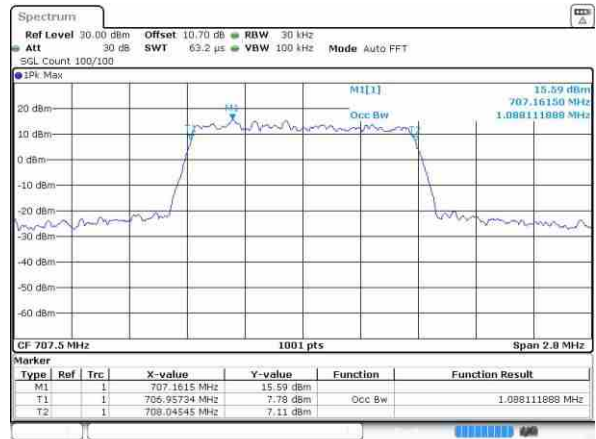
Lowest Channel / 1.4MHz / 16QAM



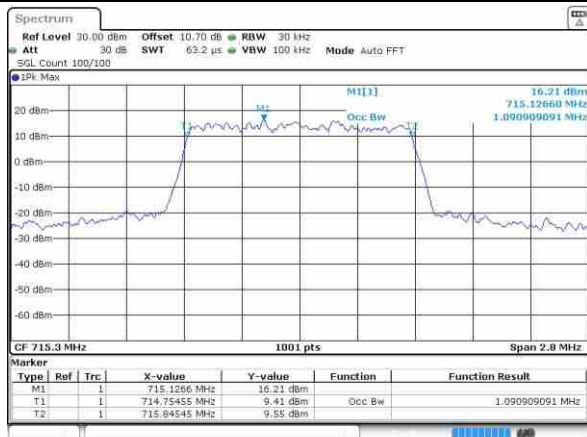
Middle Channel / 1.4MHz / QPSK



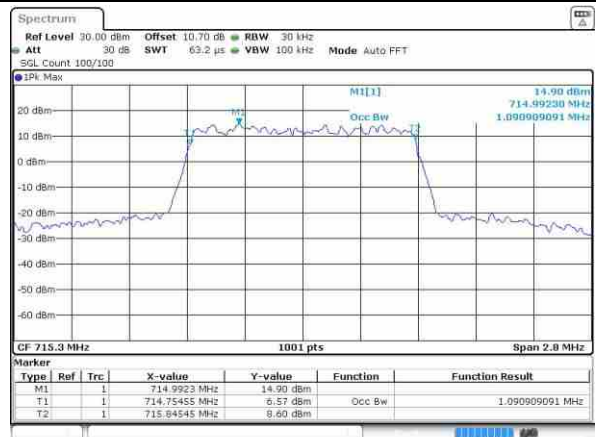
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



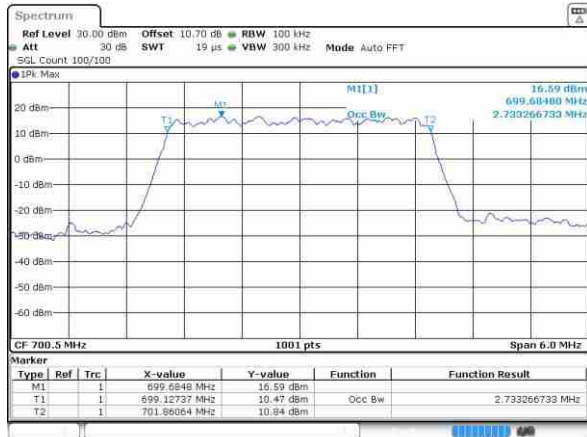
Highest Channel / 1.4MHz / 16QAM



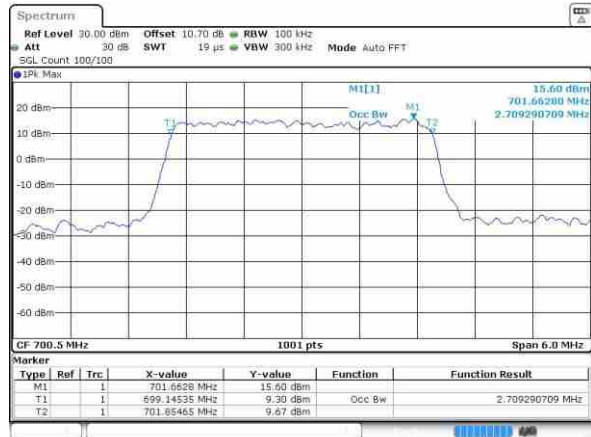


LTE Band 12

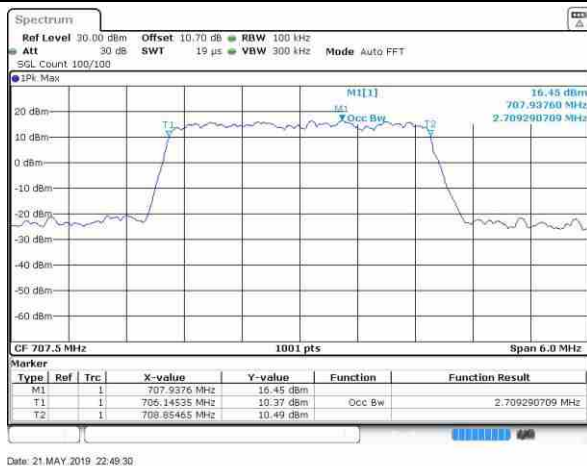
Lowest Channel / 3MHz / QPSK



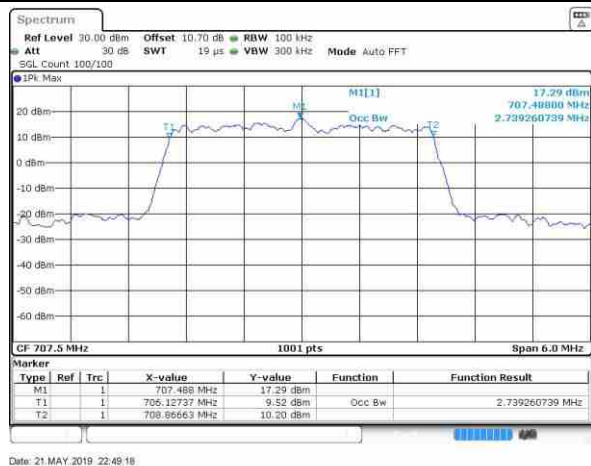
Lowest Channel / 3MHz / 16QAM



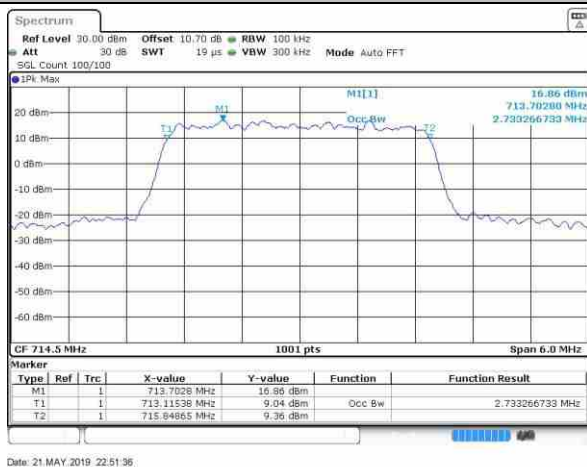
Middle Channel / 3MHz / QPSK



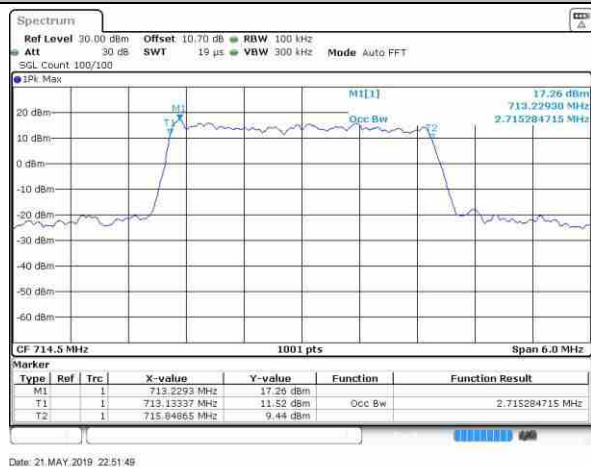
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



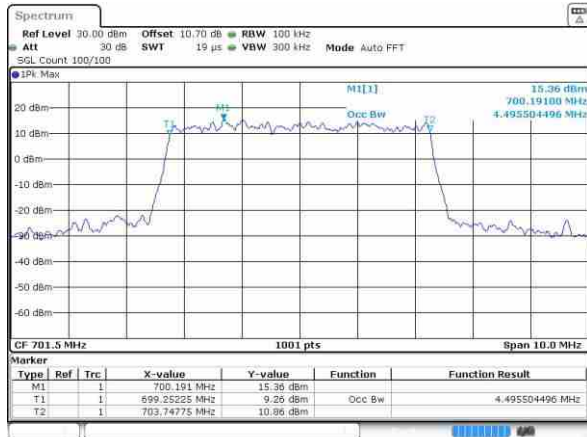
Highest Channel / 3MHz / 16QAM





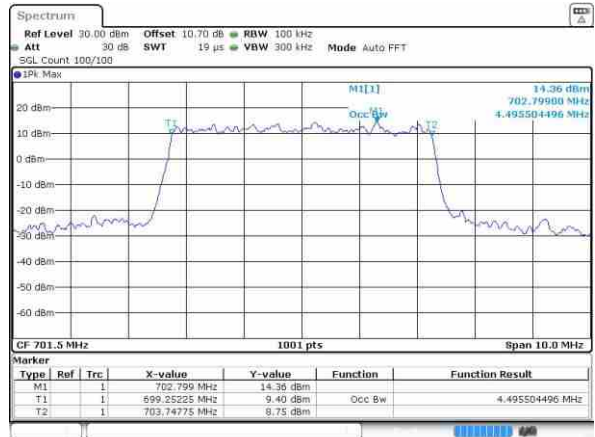
LTE Band 12

Lowest Channel / 5MHz / QPSK



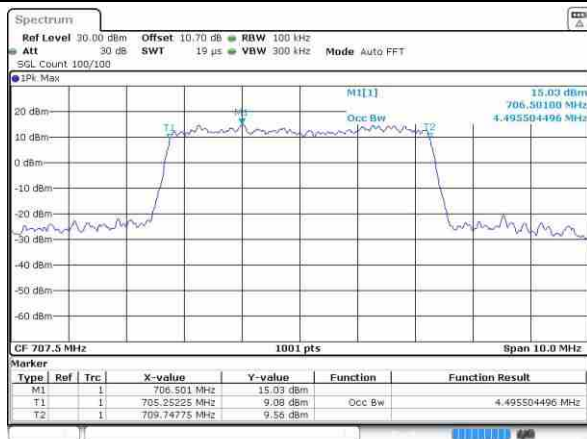
Date: 22 MAY 2019 02:22:35

Lowest Channel / 5MHz / 16QAM



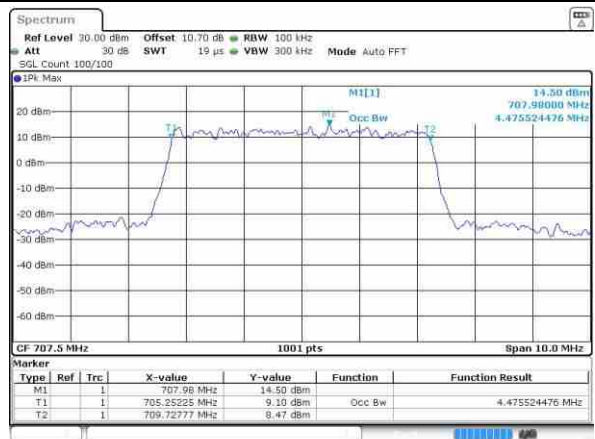
Date: 22 MAY 2019 02:22:47

Middle Channel / 5MHz / QPSK



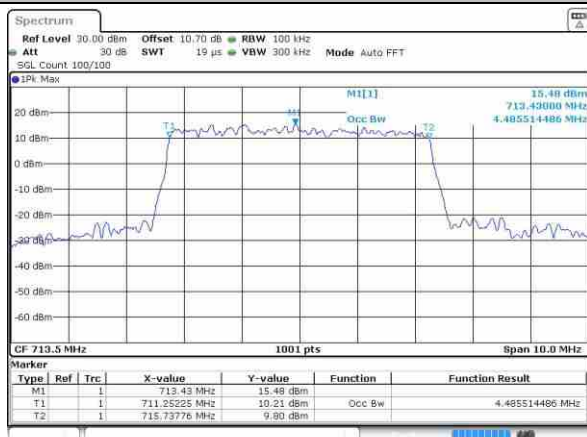
Date: 22 MAY 2019 02:28:13

Middle Channel / 5MHz / 16QAM



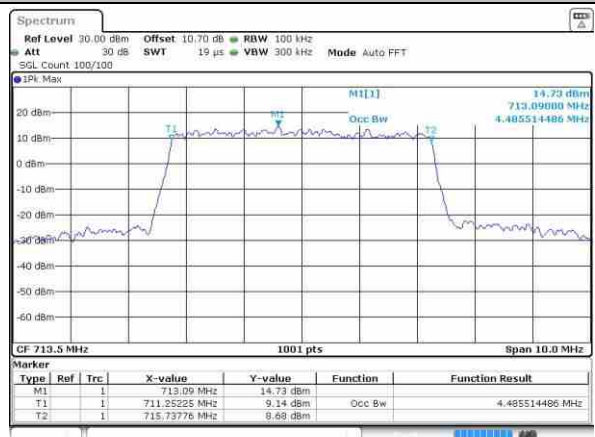
Date: 22 MAY 2019 02:29:01

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2019 02:31:19

Highest Channel / 5MHz / 16QAM

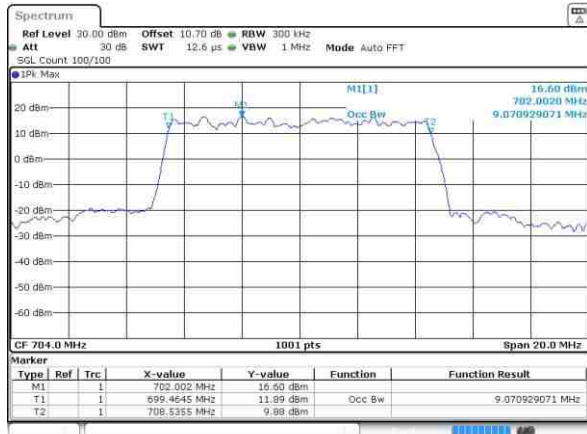


Date: 22 MAY 2019 02:31:32



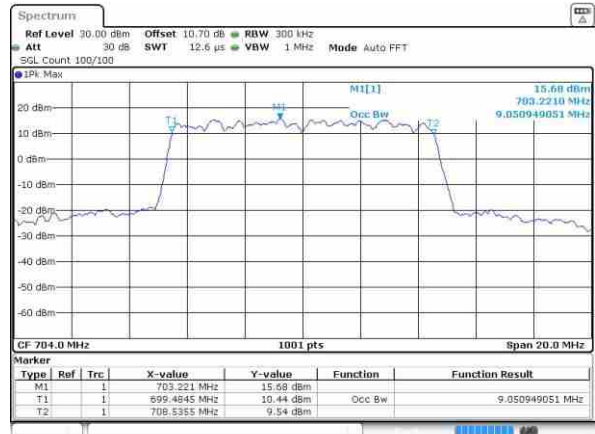
LTE Band 12

Lowest Channel / 10MHz / QPSK



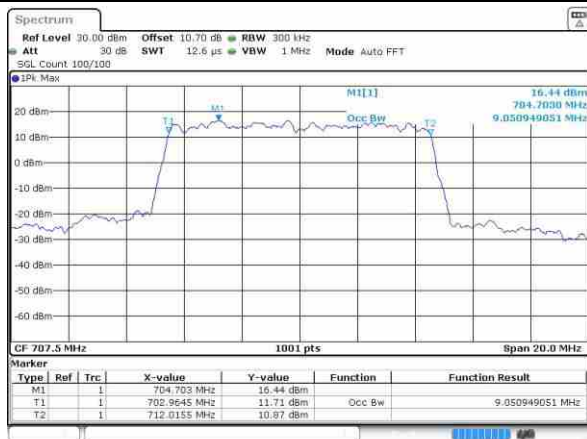
Date: 22 MAY 2019 02:37:46

Lowest Channel / 10MHz / 16QAM



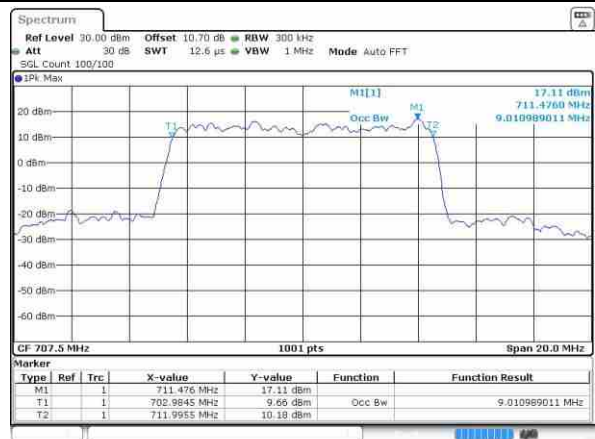
Date: 22 MAY 2019 02:37:58

Middle Channel / 10MHz / QPSK



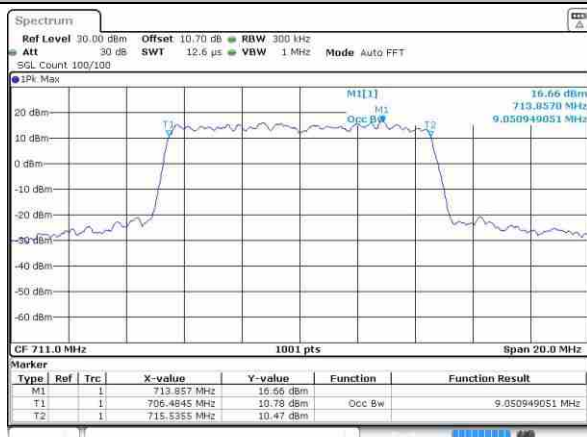
Date: 22 MAY 2019 02:44:23

Middle Channel / 10MHz / 16QAM



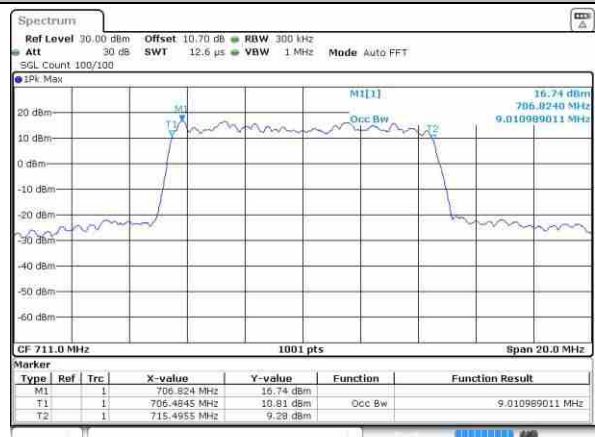
Date: 22 MAY 2019 02:44:12

Highest Channel / 10MHz / QPSK



Date: 22 MAY 2019 02:46:30

Highest Channel / 10MHz / 16QAM

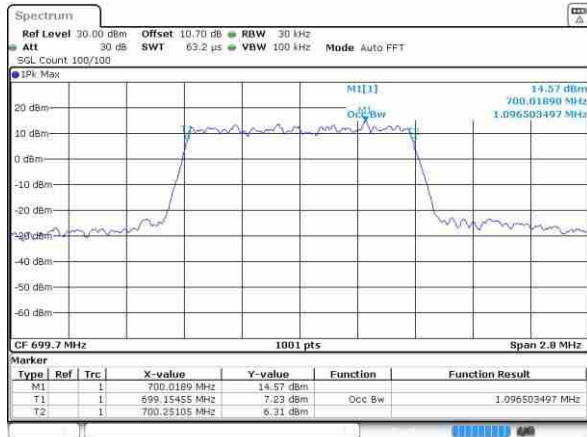


Date: 22 MAY 2019 02:46:42

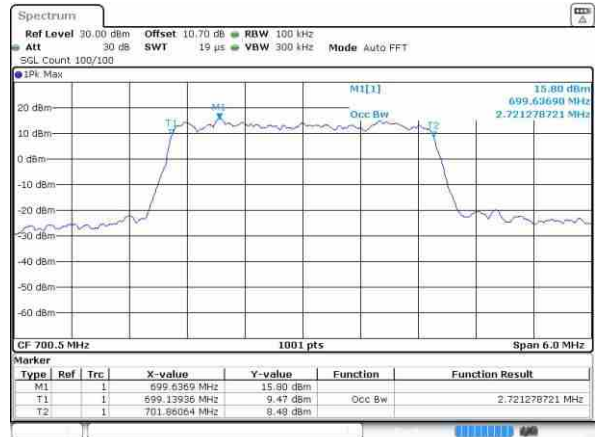


LTE Band 12

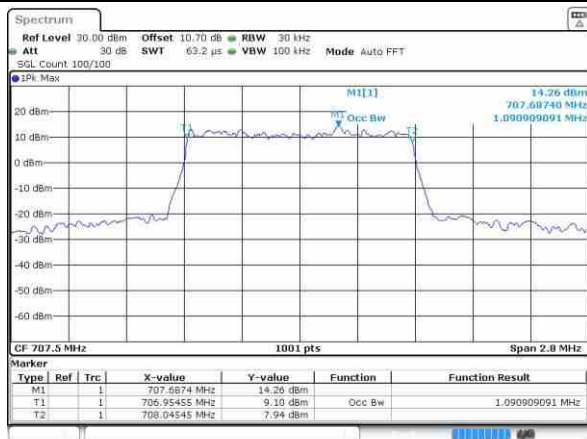
Lowest Channel / 1.4MHz / 64QAM



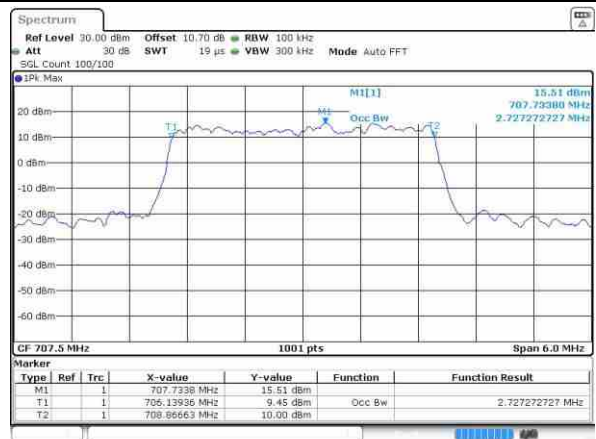
Lowest Channel / 3MHz / 64QAM



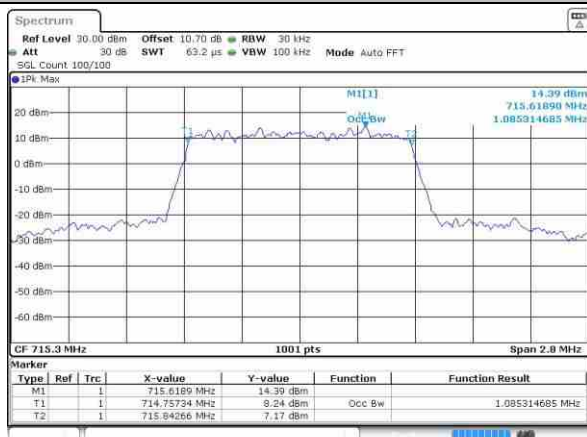
Middle Channel / 1.4MHz / 64QAM



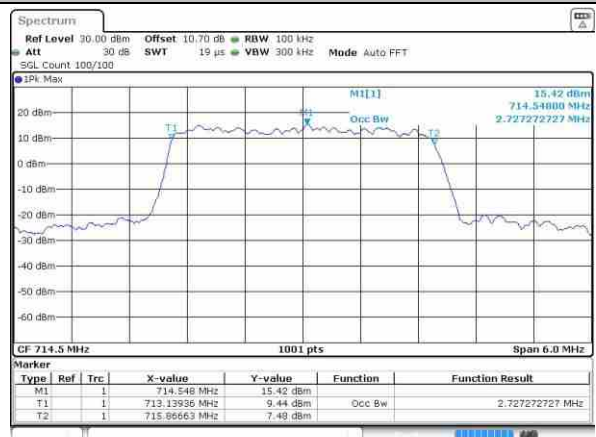
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



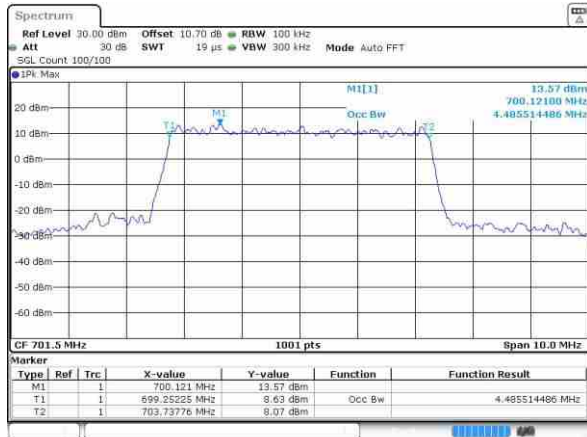
Highest Channel / 3MHz / 64QAM



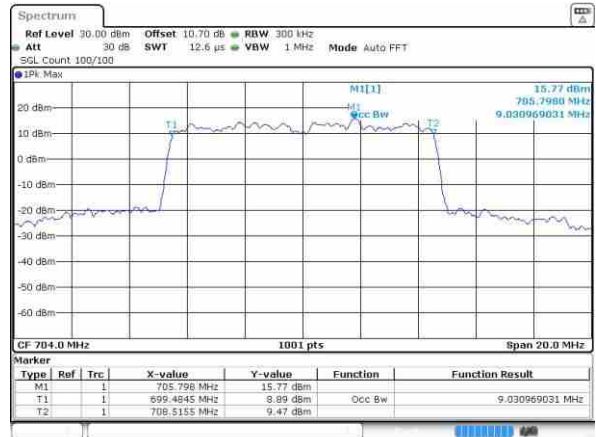


LTE Band 12

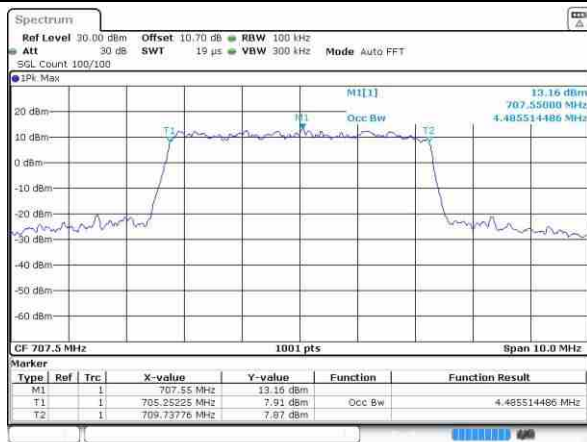
Lowest Channel / 5MHz / 64QAM



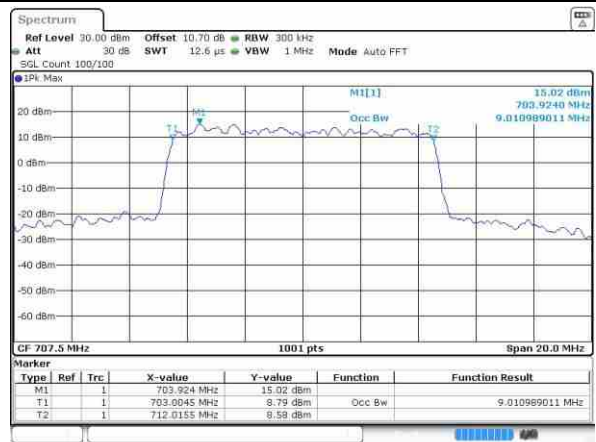
Lowest Channel / 10MHz / 64QAM



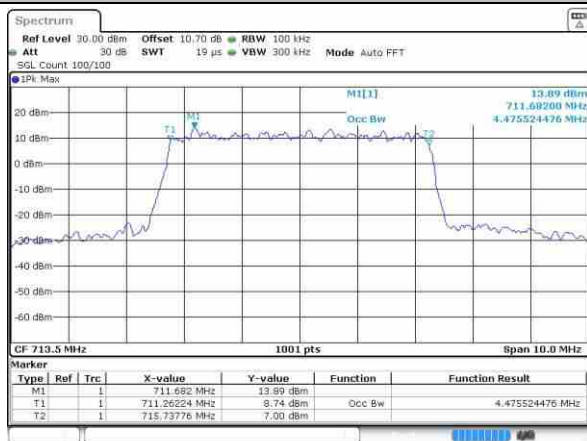
Middle Channel / 5MHz / 64QAM



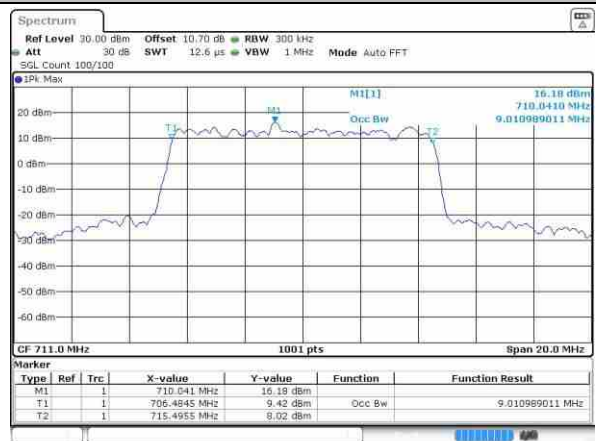
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM





Conducted Band Edge



LTE Band 12 / 1.4MHz / QPSK

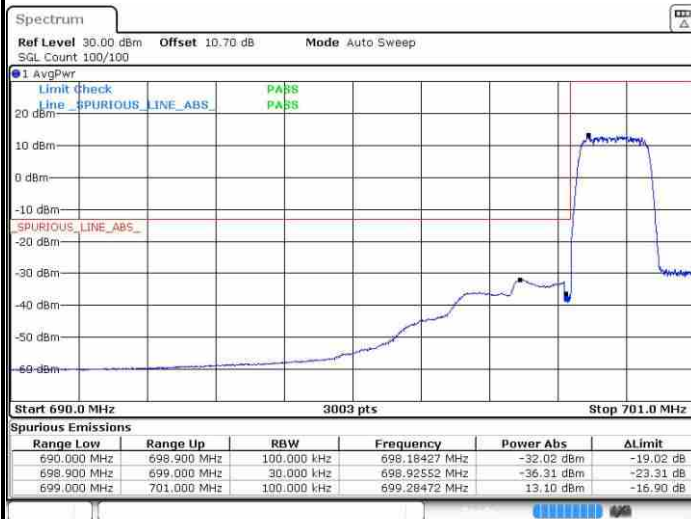
Lowest Band Edge / 1 RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 21 MAY 2019 22:37:31

Highest Band Edge / 1 RB



Date: 21 MAY 2019 22:41:53

Lowest Band Edge / Full RB



Date: 21 MAY 2019 22:36:29

Highest Band Edge / Full RB

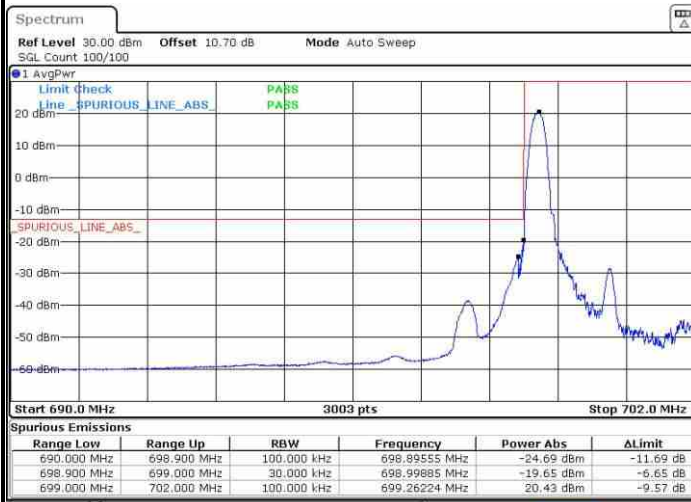


Date: 21 MAY 2019 22:40:51



LTE Band 12 / 3MHz / QPSK

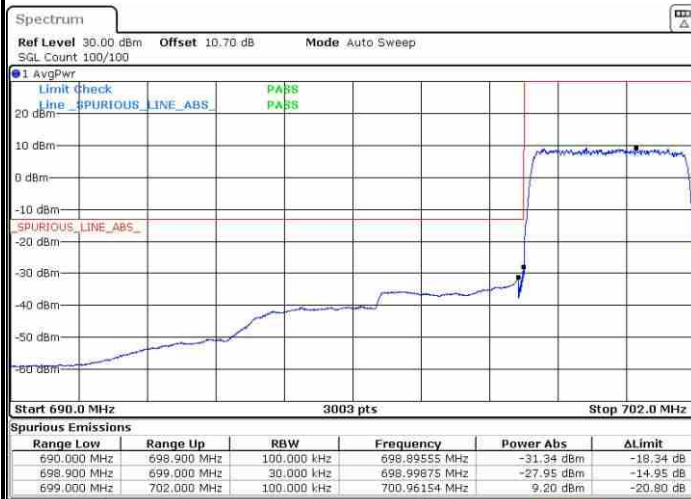
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 3MHz / 16QAM

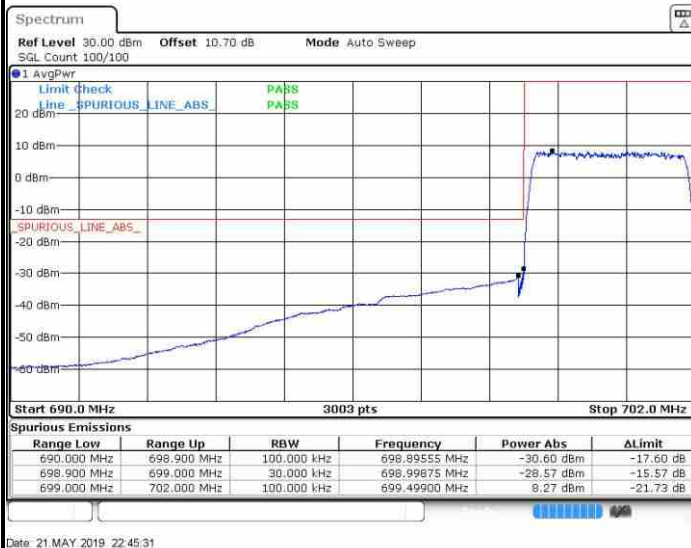
Lowest Band Edge / 1 RB



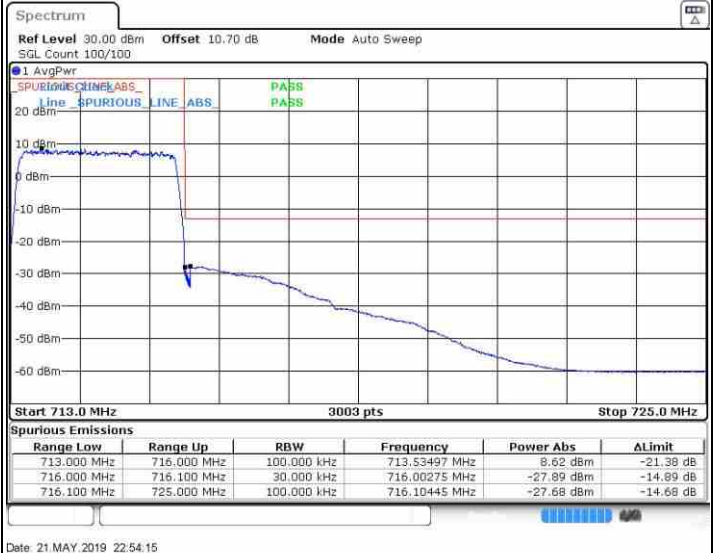
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



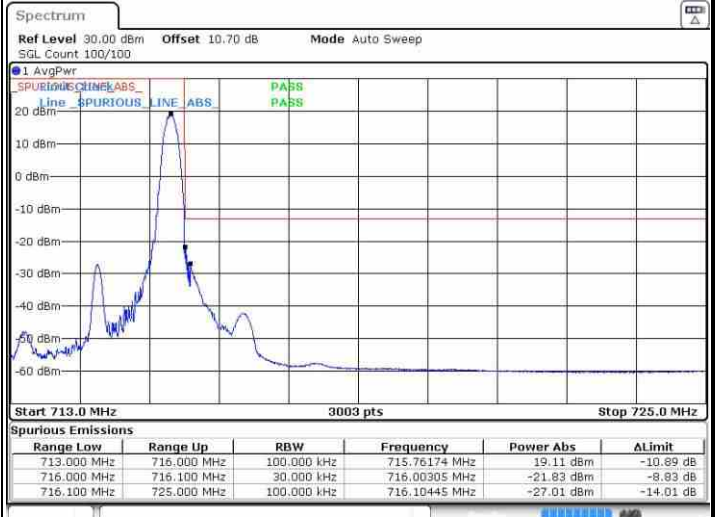


LTE Band 12 / 3MHz / 64QAM

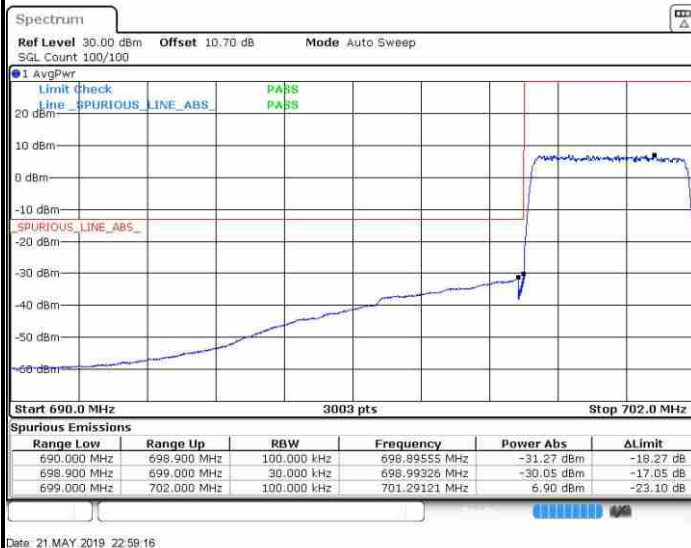
Lowest Band Edge / 1 RB



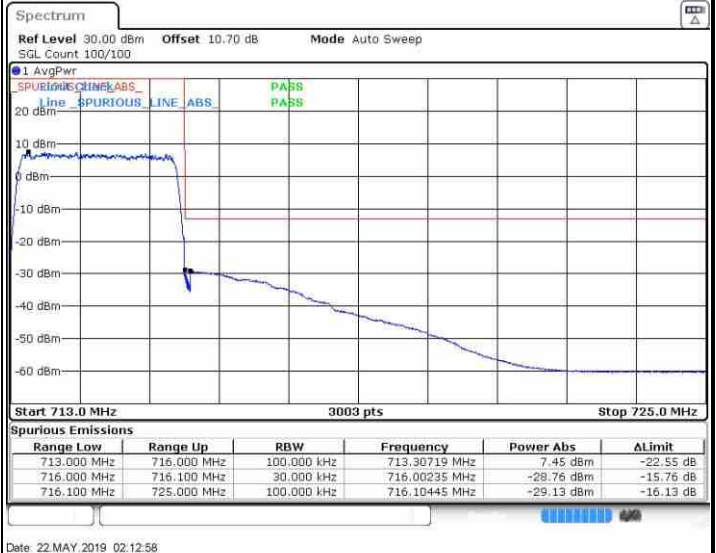
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



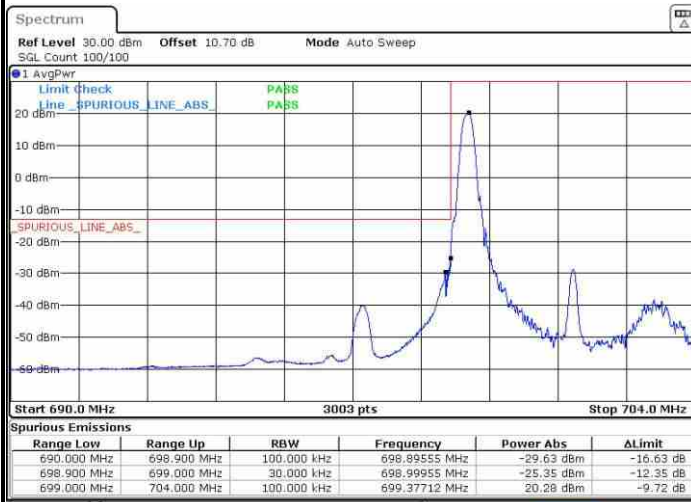
Highest Band Edge / Full RB





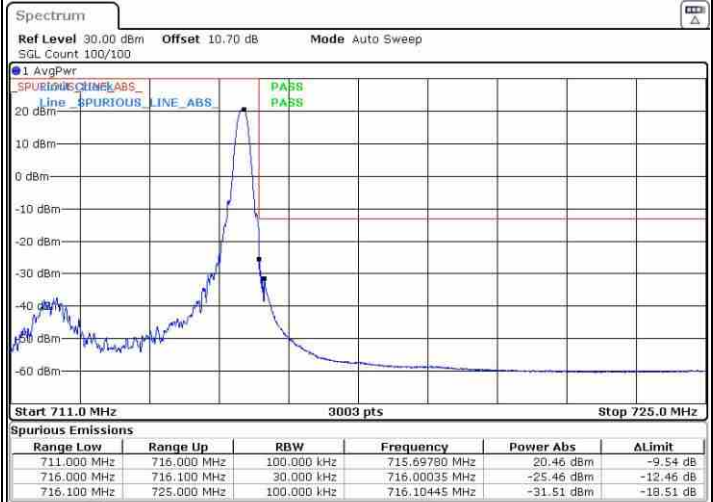
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



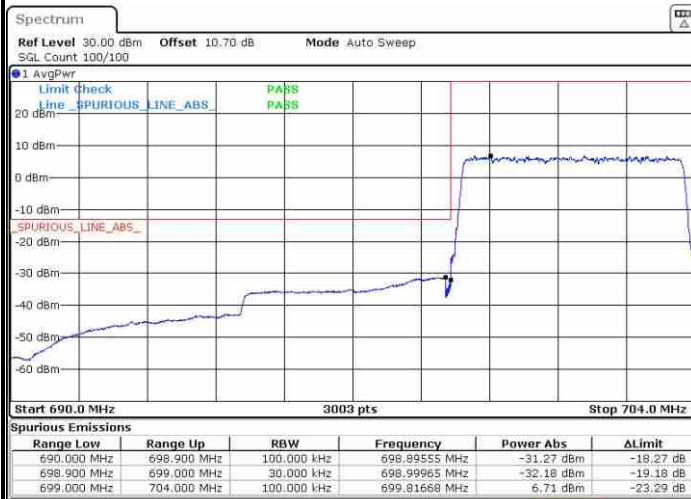
Date: 22 MAY 2019 02:27:16

Highest Band Edge / 1 RB



Date: 22 MAY 2019 02:34:59

Lowest Band Edge / Full RB



Date: 22 MAY 2019 02:24:12

Highest Band Edge / Full RB

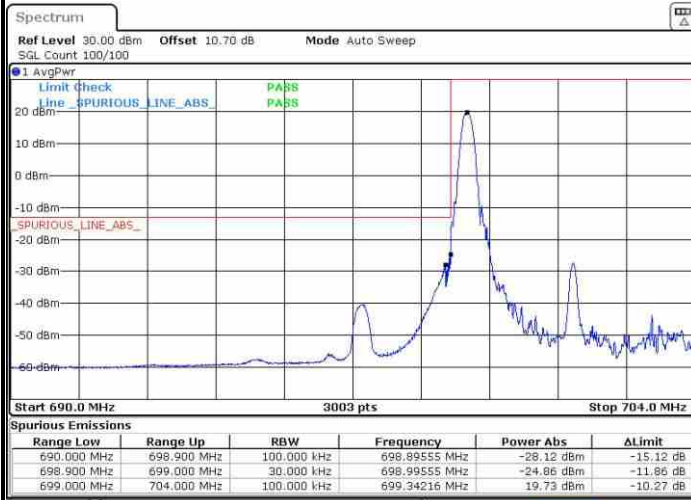


Date: 22 MAY 2019 02:32:57

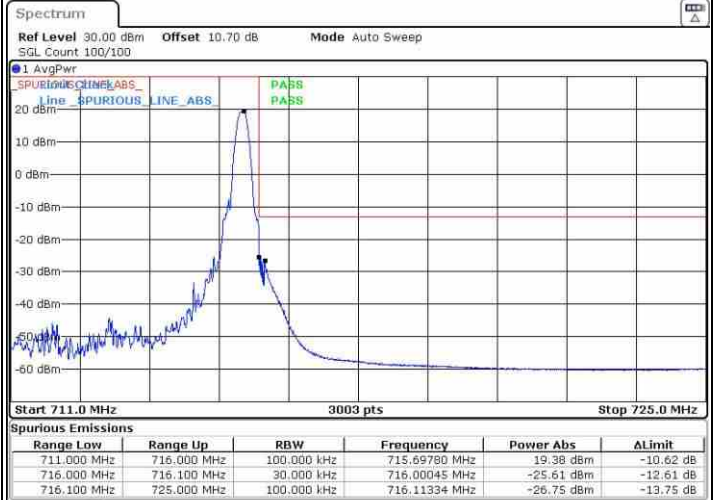


LTE Band 12 / 5MHz / 16QAM

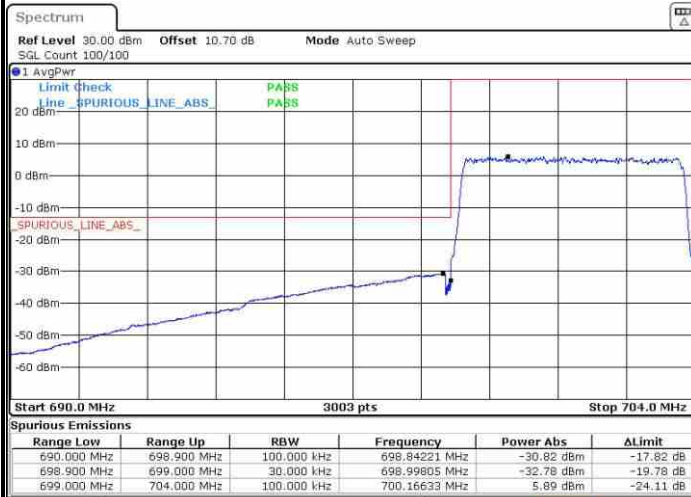
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



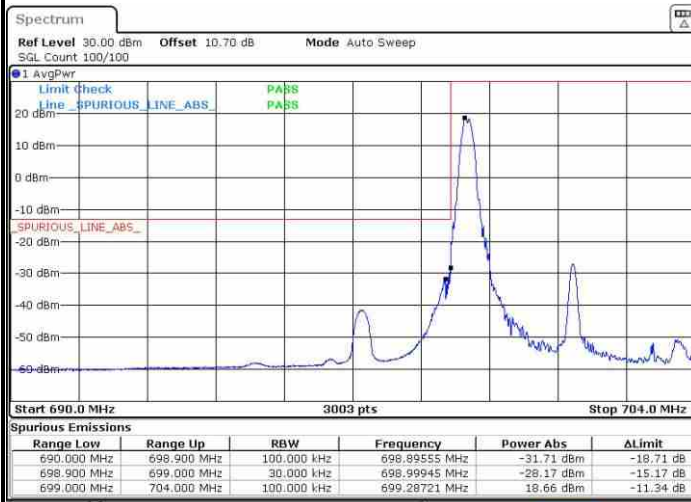
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



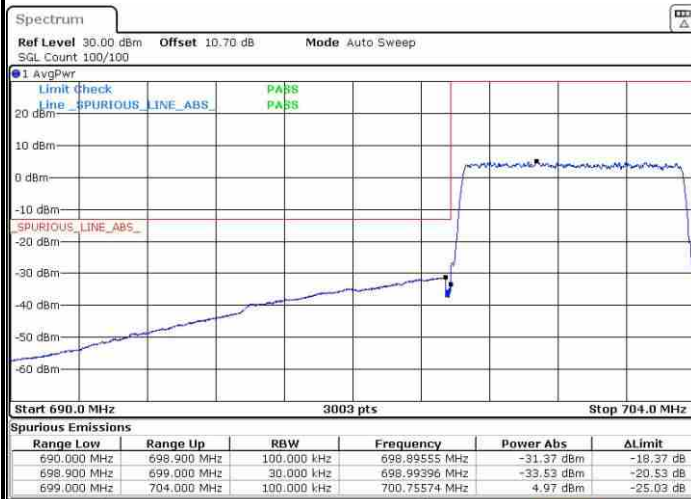
Date: 22 MAY 2019 02:17:12

Highest Band Edge / 1 RB



Date: 22 MAY 2019 02:21:36

Lowest Band Edge / Full RB



Date: 22 MAY 2019 02:16:11

Highest Band Edge / Full RB

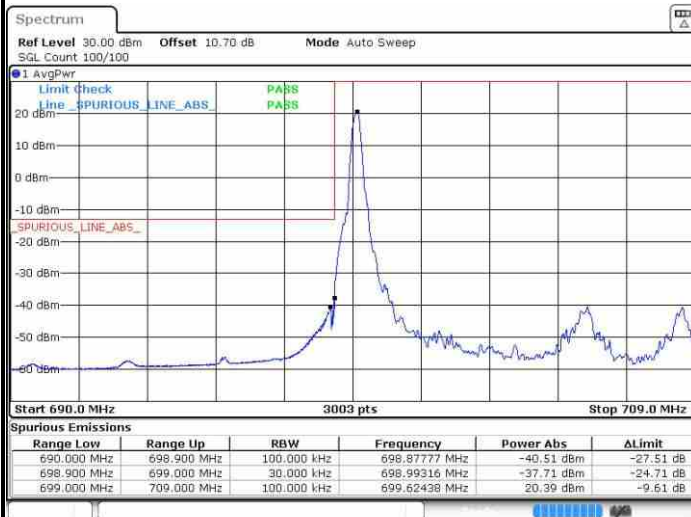


Date: 22 MAY 2019 02:20:35



LTE Band 12 / 10MHz / QPSK

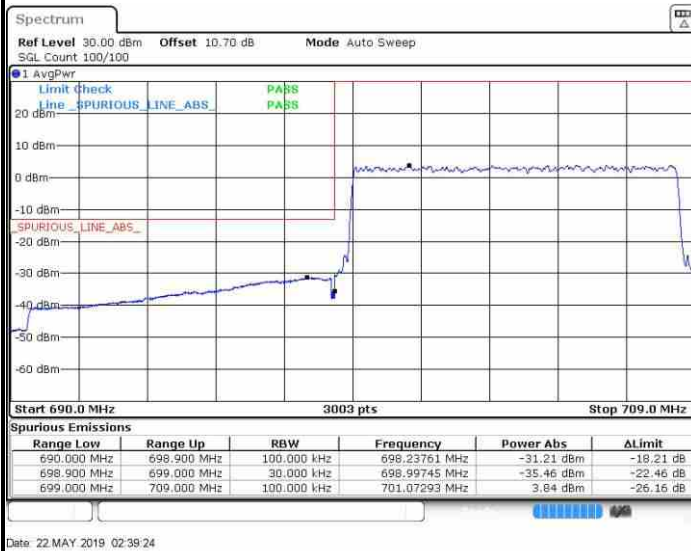
Lowest Band Edge / 1 RB



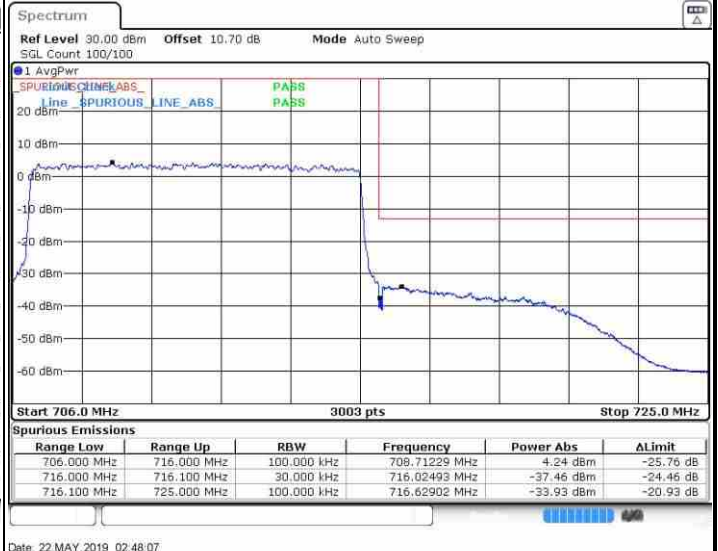
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



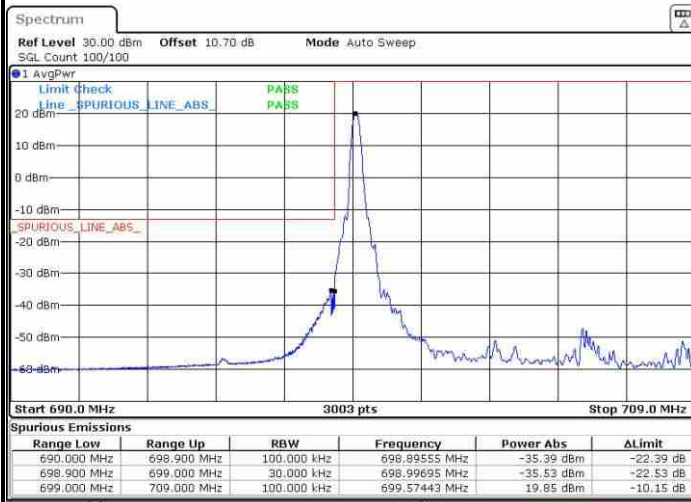
Highest Band Edge / Full RB



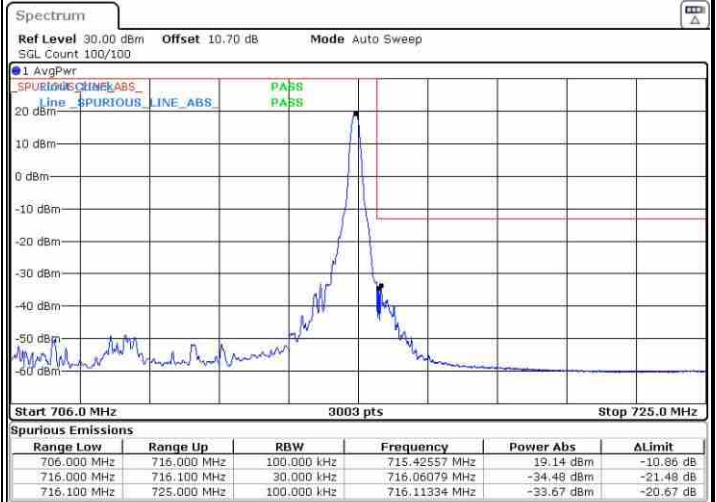


LTE Band 12 / 10MHz / 16QAM

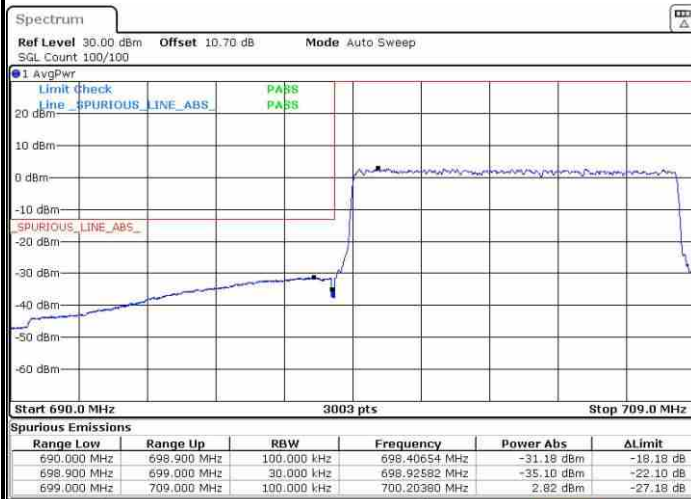
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



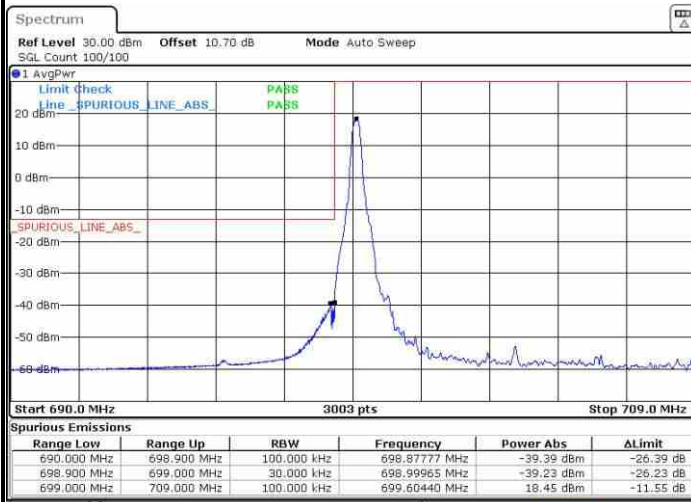
Highest Band Edge / Full RB



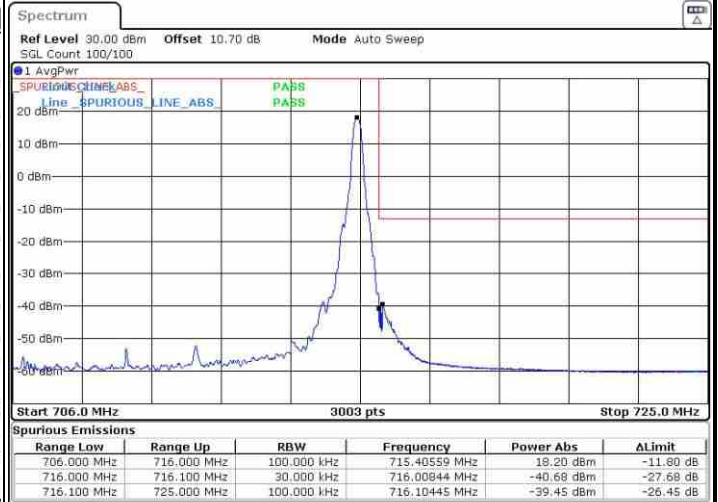


LTE Band 12 / 10MHz / 64QAM

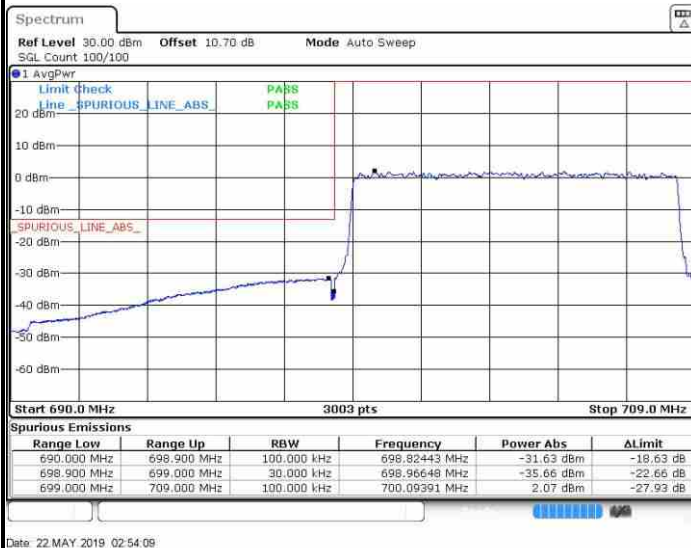
Lowest Band Edge / 1 RB



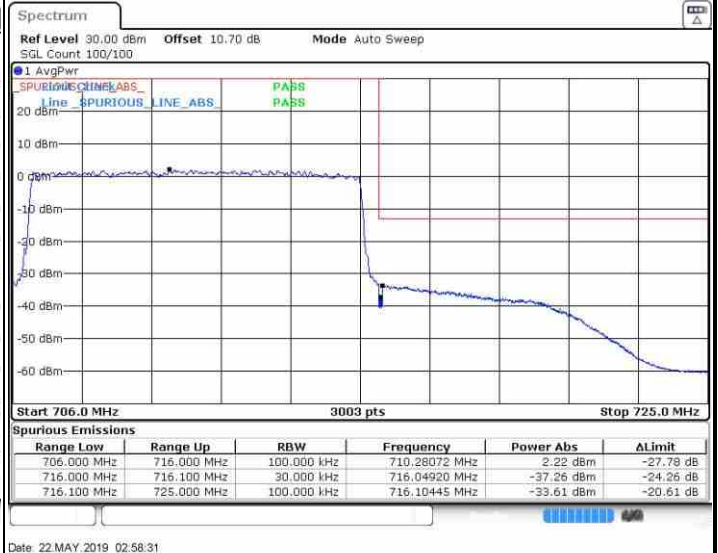
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



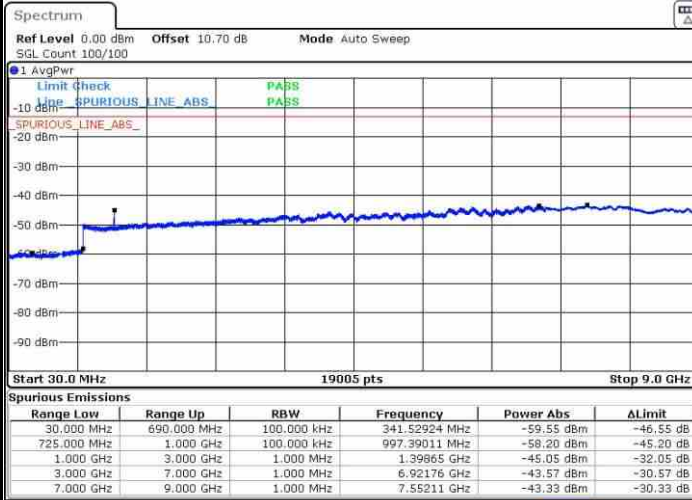


Conducted Spurious Emission



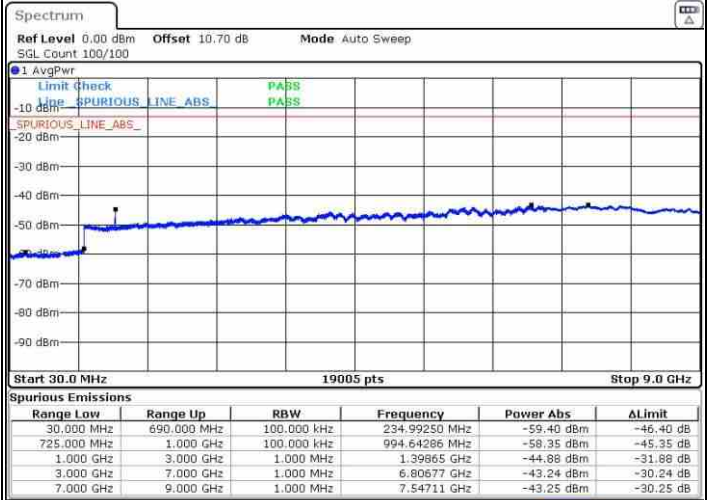
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



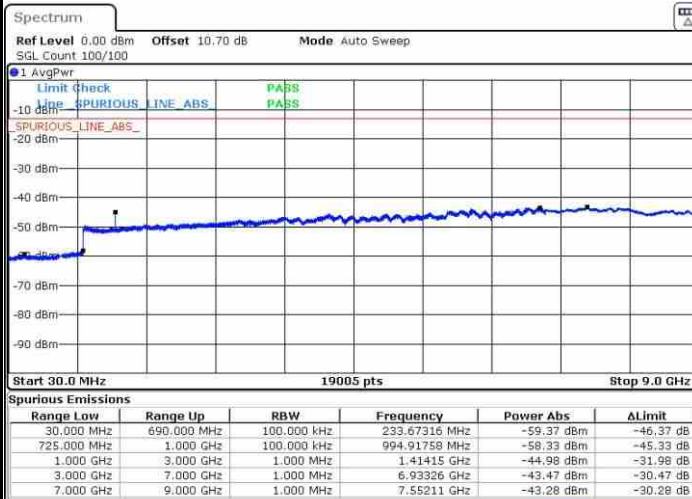
Date: 21 MAY 2019 22:25:33

Lowest Channel / 16QAM



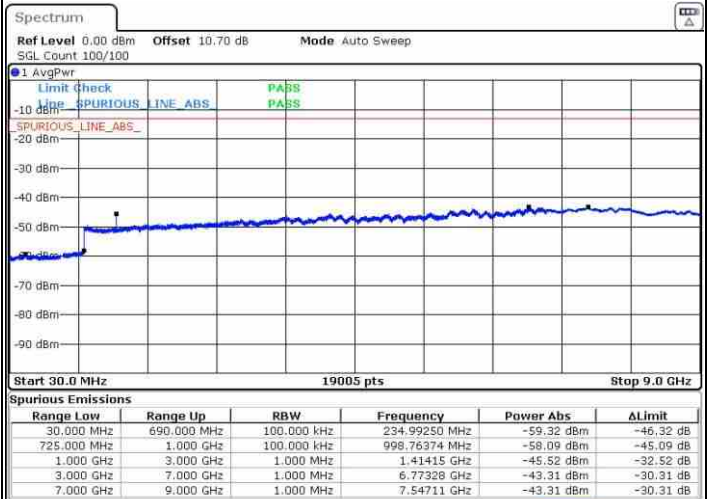
Date: 21 MAY 2019 22:26:20

Middle Channel / QPSK



Date: 21 MAY 2019 22:28:38

Middle Channel / 16QAM

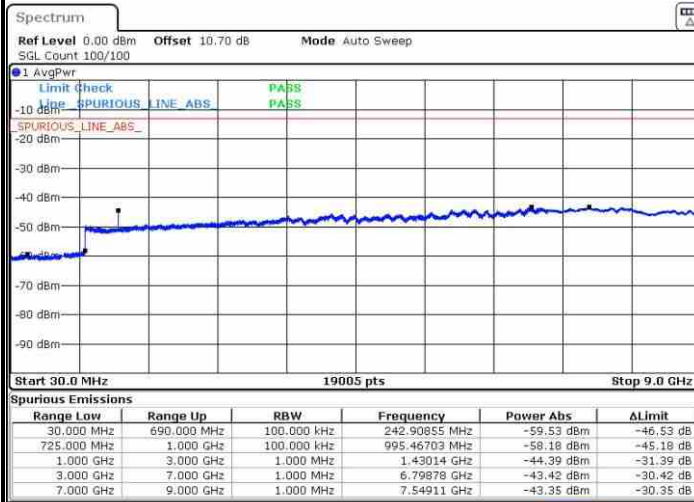


Date: 21 MAY 2019 22:27:53



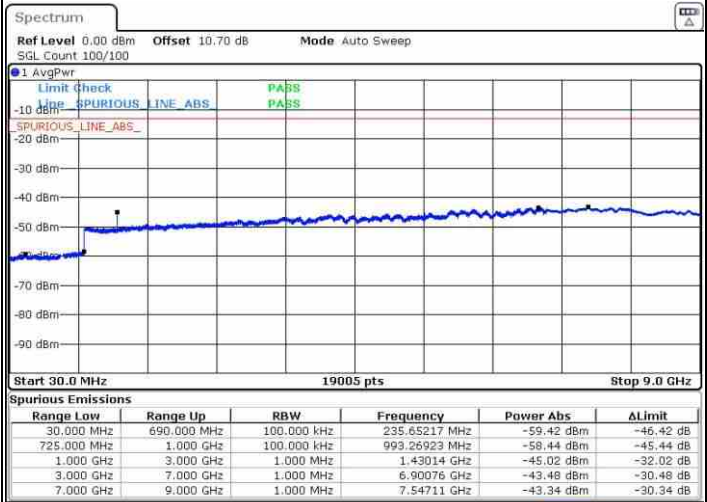
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 21 MAY 2019 22:34:18

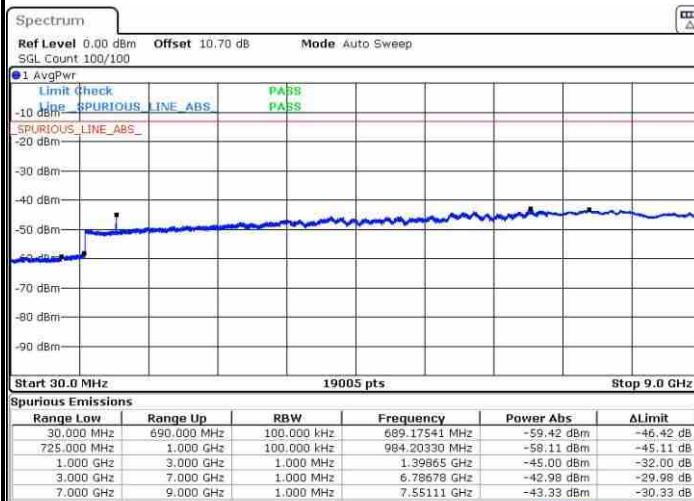
Highest Channel / 16QAM



Date: 21 MAY 2019 22:35:04

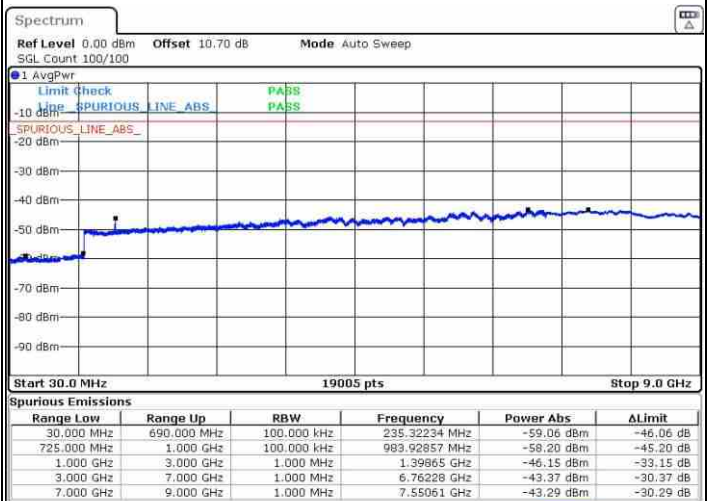
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 21 MAY 2019 22:48:20

Lowest Channel / 16QAM

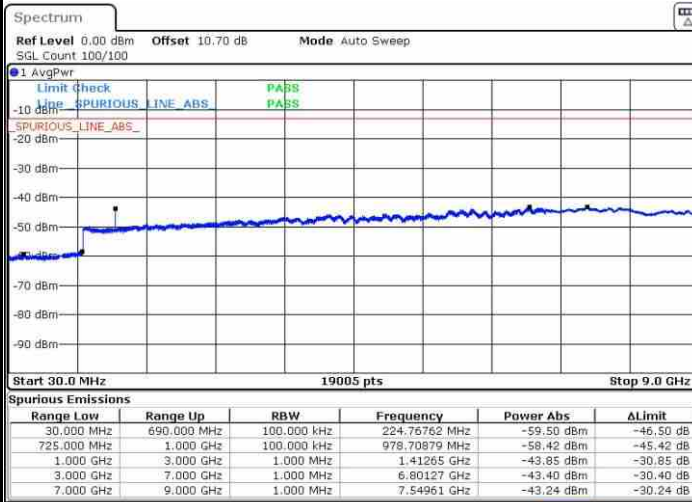


Date: 21 MAY 2019 22:49:06



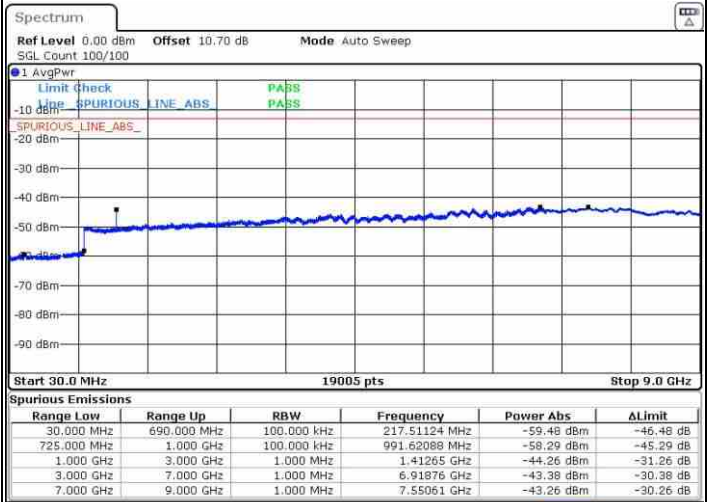
LTE Band 12 / 3MHz

Middle Channel / QPSK



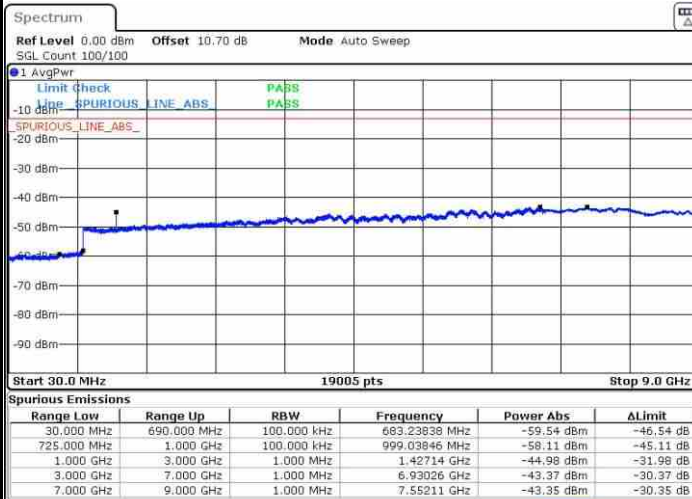
Date: 21 MAY 2019 22:51:24

Middle Channel / 16QAM



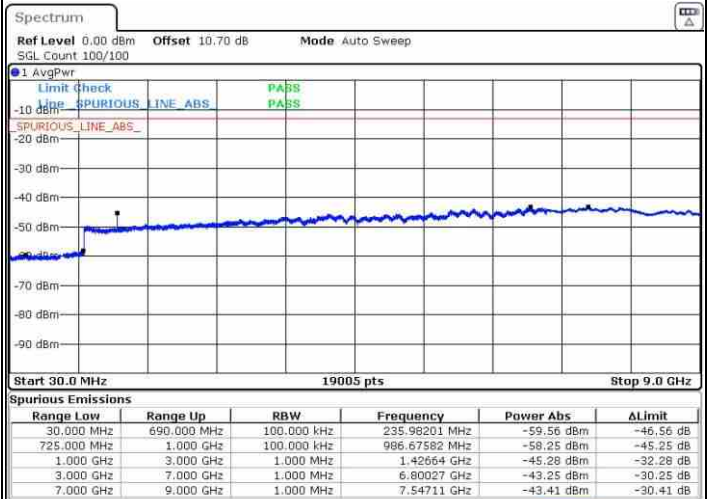
Date: 21 MAY 2019 22:50:39

Highest Channel / QPSK



Date: 21 MAY 2019 22:57:04

Highest Channel / 16QAM



Date: 21 MAY 2019 22:50:50