

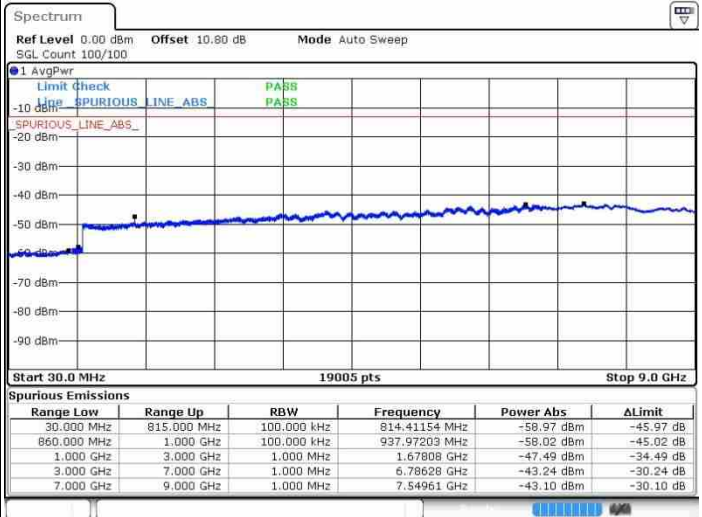
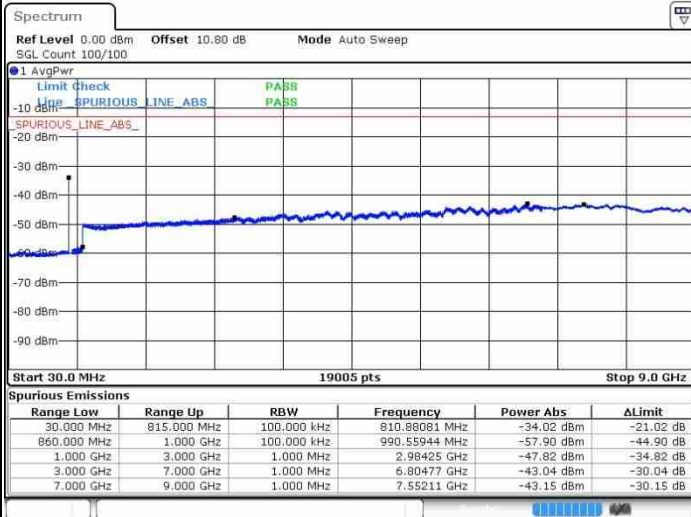


LTE Band 5 / 10MHz+10MHz

QPSK

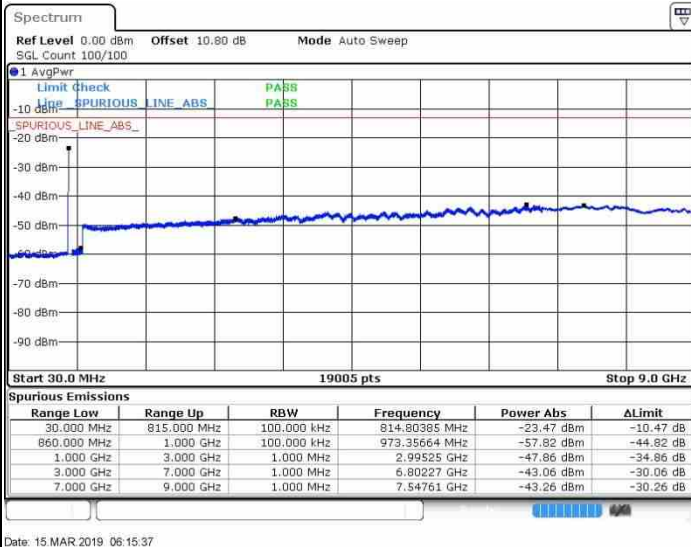
Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullIRB

N/A



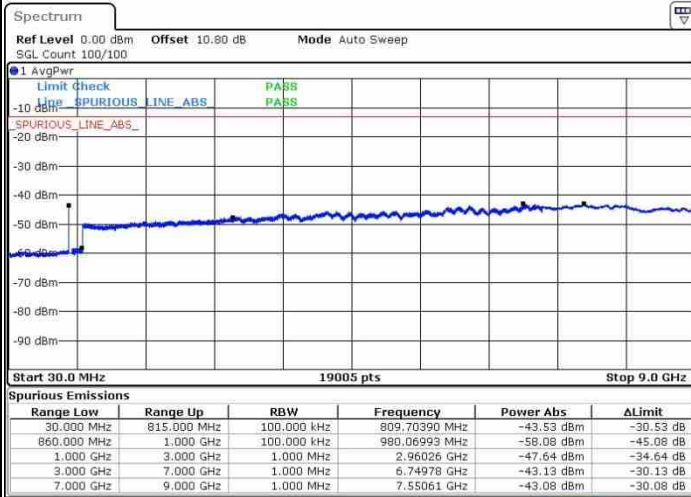


LTE Band 5 / 3MHz+5MHz

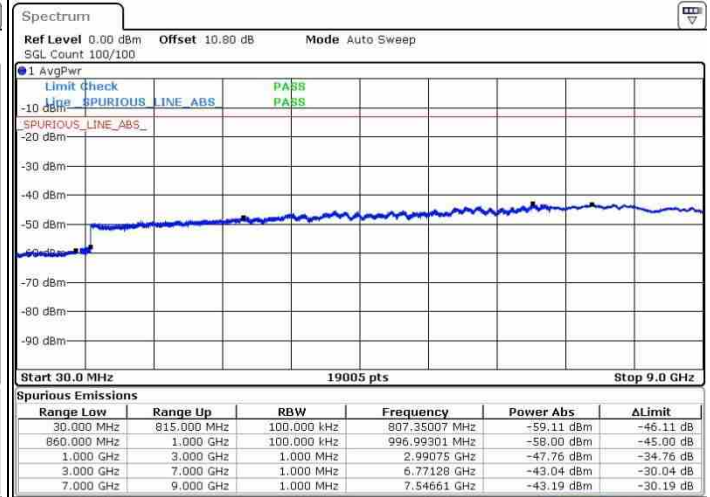
16QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB14 and 1RB0



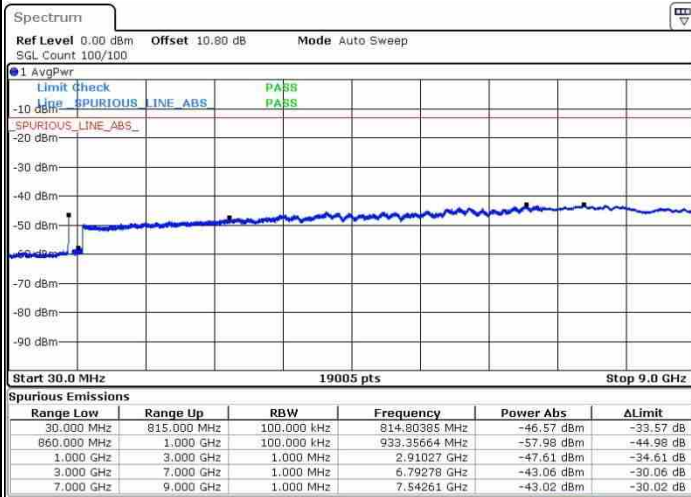
Date: 15 MAR 2019 09:39:36



Date: 15 MAR 2019 09:35:50

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 09:43:23

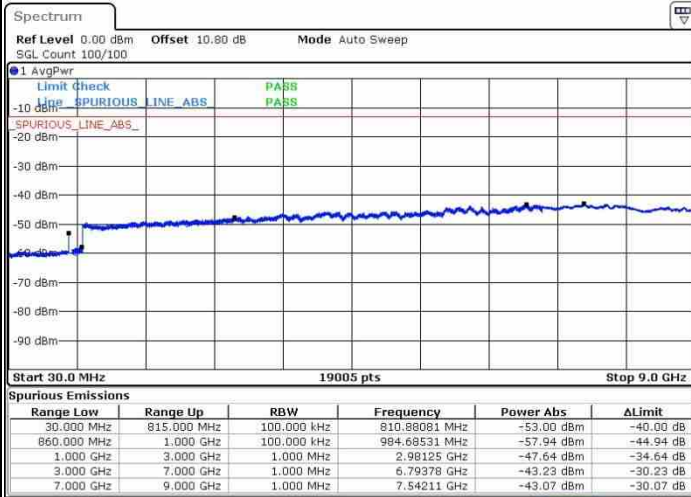


LTE Band 5 / 3MHz+5MHz

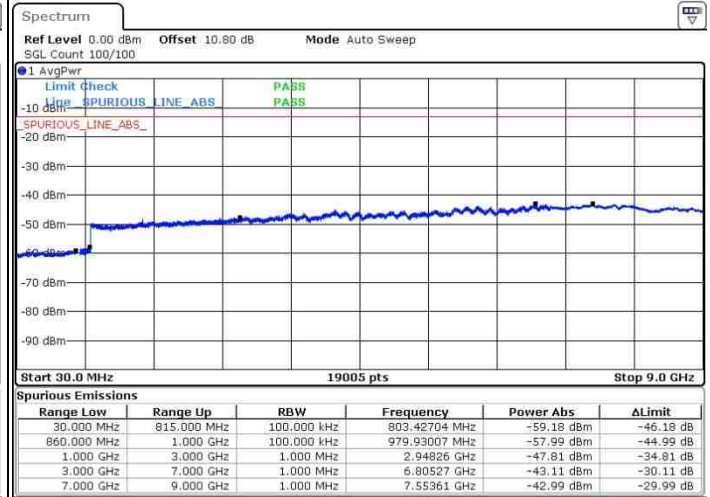
16QAM

MiddleChannel / 1RB0 and 1RB24

Middle Channel / 1RB14 and 1RB0



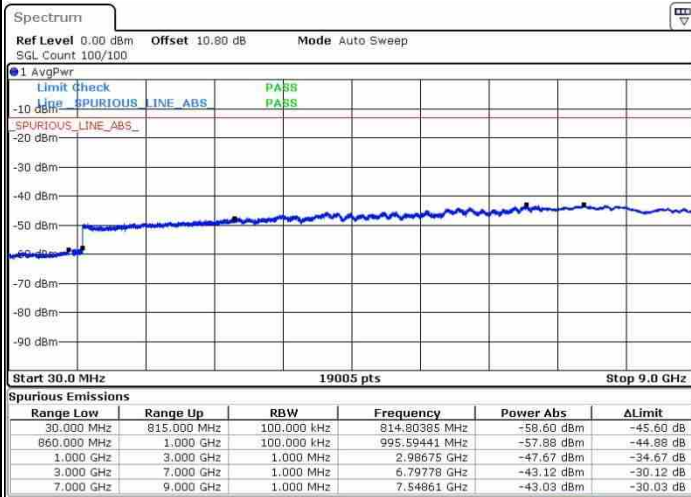
Date: 15 MAR 2019 09:55:44



Date: 15 MAR 2019 10:02:31

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 09:51:57

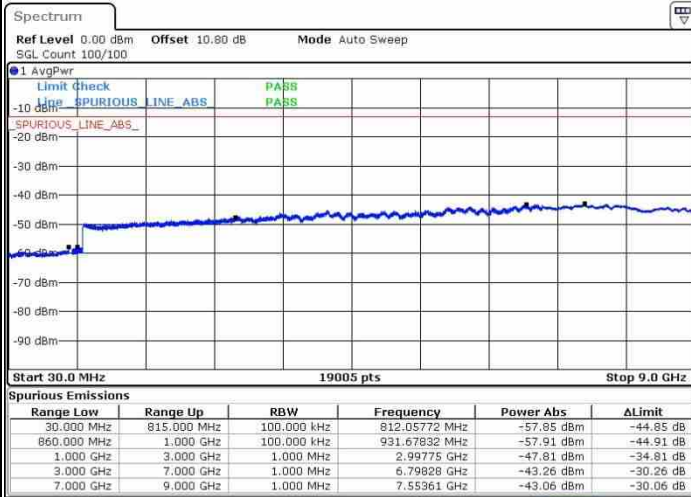


LTE Band 5 / 3MHz+5MHz

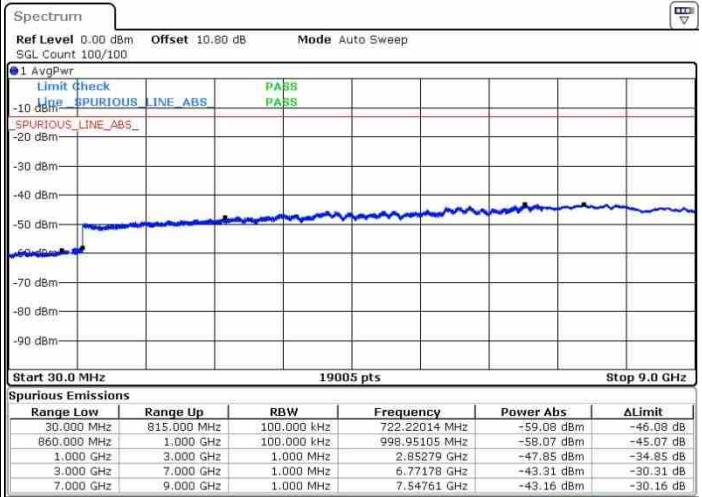
16QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB14 and 1RB0



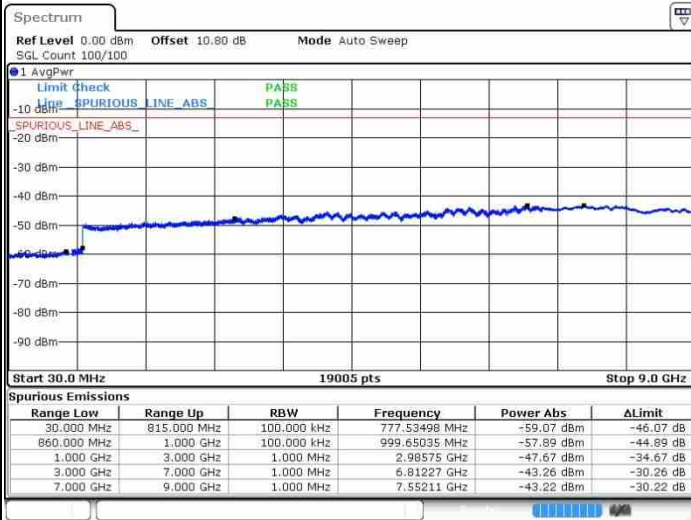
Date: 15 MAR 2019 10:36:08



Date: 15 MAR 2019 10:32:22

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 10:39:56

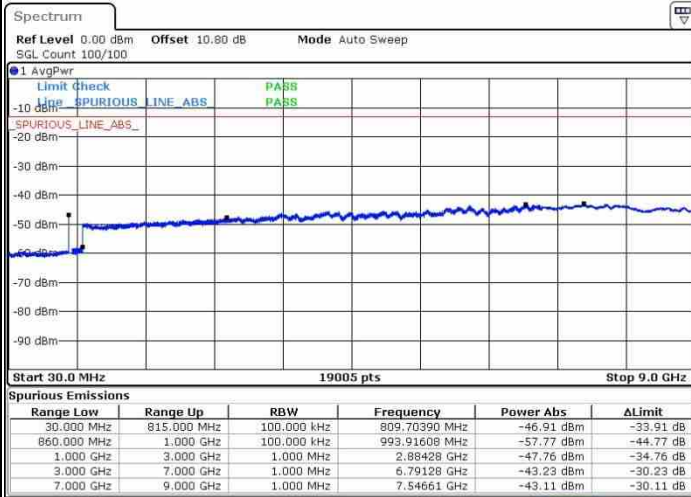


LTE Band 5 / 5MHz+3MHz

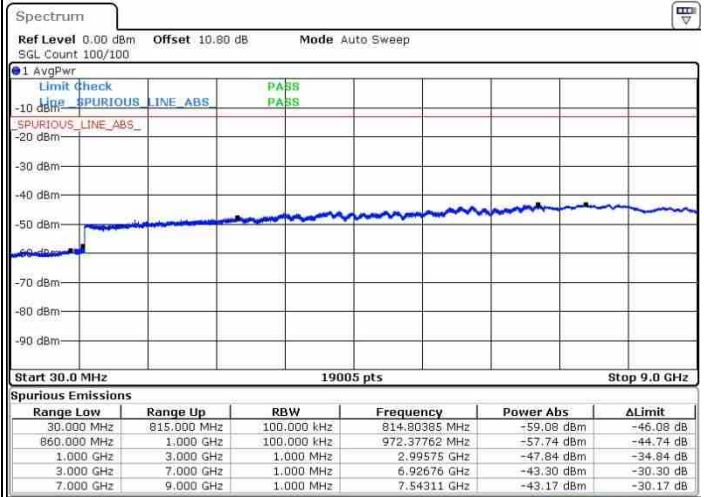
16QAM

Lowest Channel / 1RB0 and 1RB14

Lowest Channel / 1RB24 and 1RB0



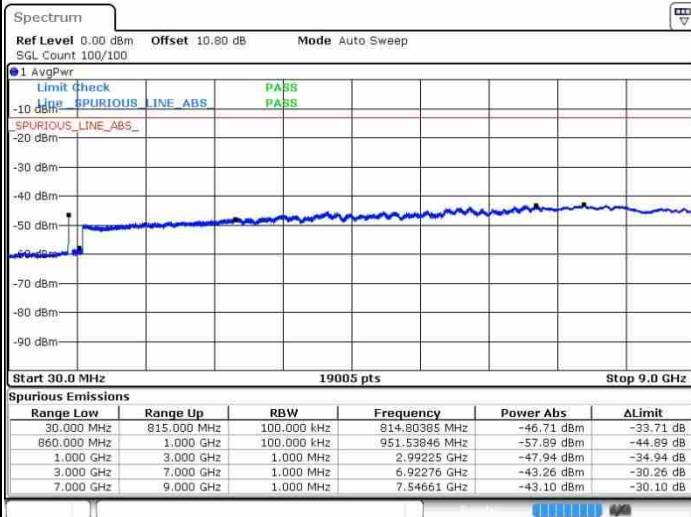
Date: 15 MAR 2019 00:34:56



Date: 15 MAR 2019 00:31:21

Lowest Channel / FullRB

N/A



Date: 15 MAR 2019 00:38:32

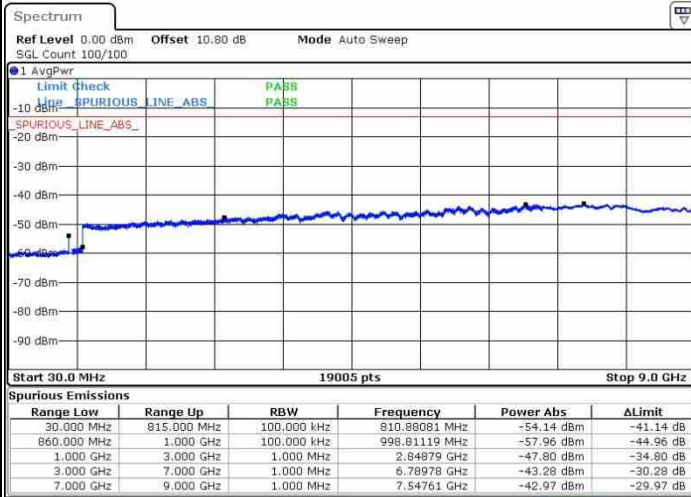


LTE Band 5 / 5MHz+3MHz

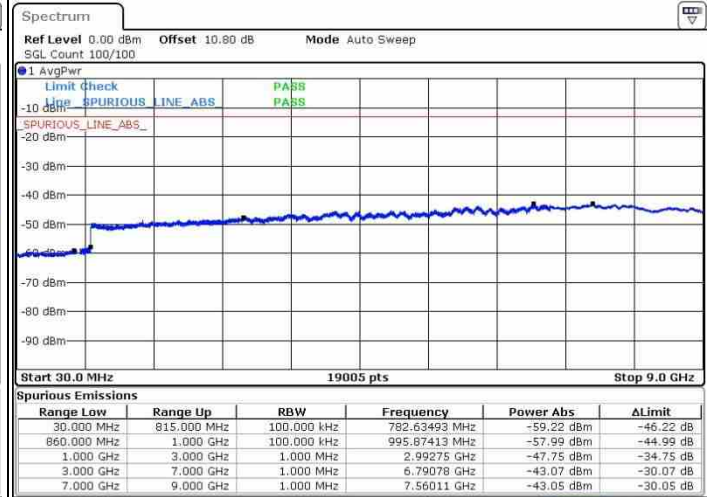
16QAM

Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0



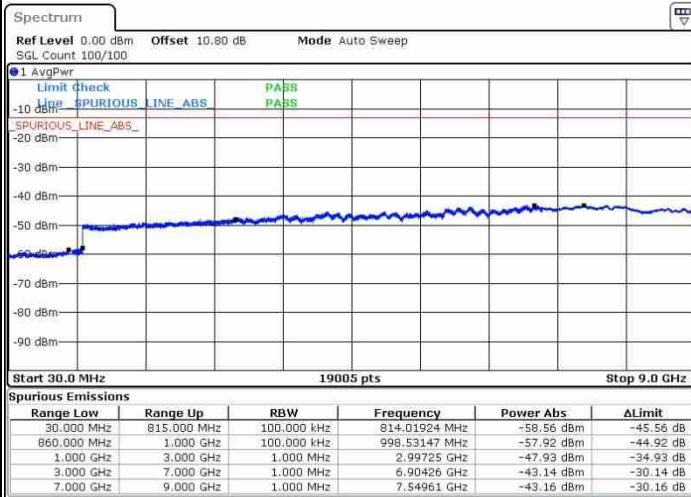
Date: 15 MAR 2019 00:49:30



Date: 15 MAR 2019 00:53:04

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 00:45:54

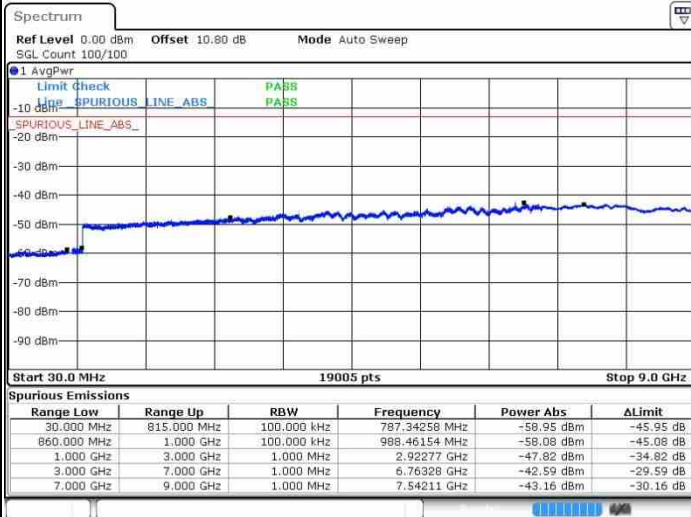


LTE Band 5 / 5MHz+3MHz

16QAM

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



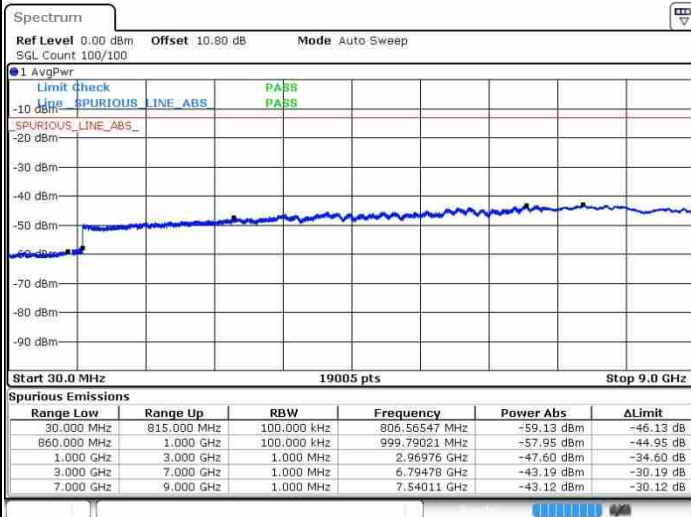
Date: 15 MAR 2019 01:31:18



Date: 15 MAR 2019 01:27:43

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 01:34:54

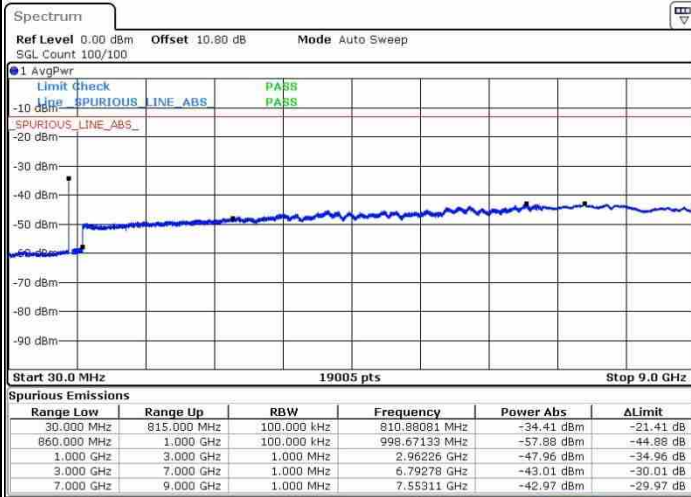


LTE Band 5 / 5MHz+10MHz

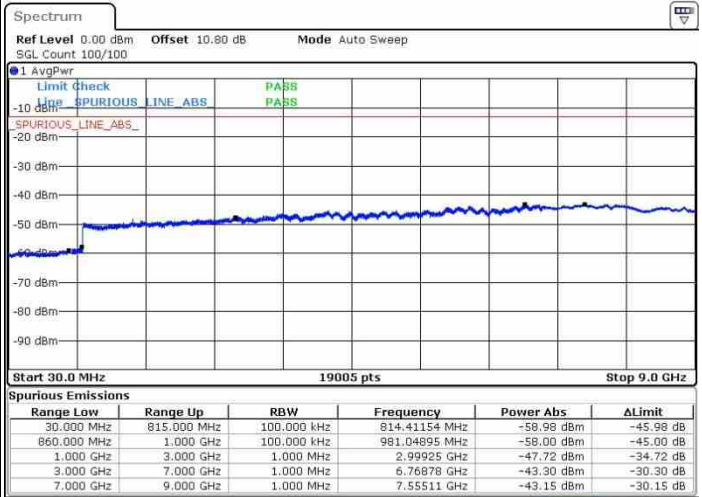
16QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0



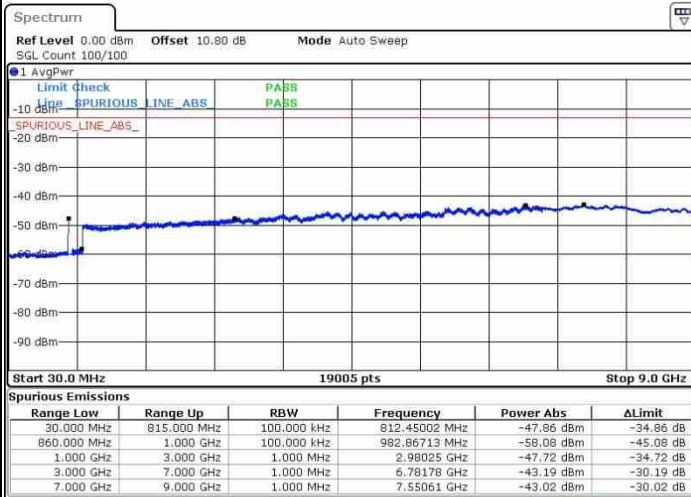
Date: 15 MAR 2019 02:11:22



Date: 15 MAR 2019 02:07:47

Lowest Channel / FullRB

N/A



Date: 15 MAR 2019 02:14:57

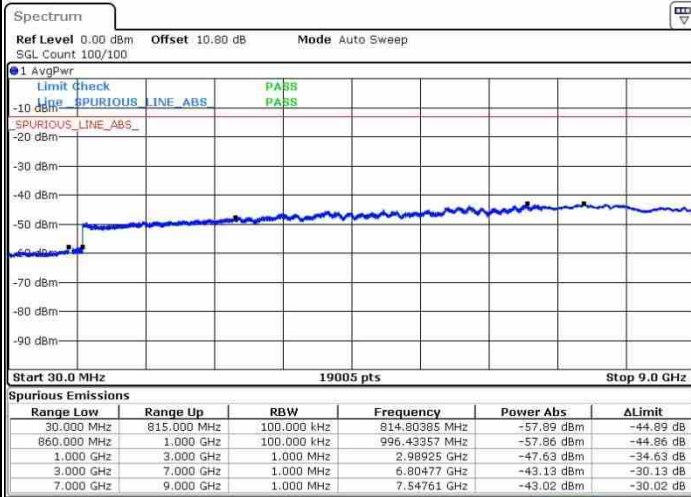


LTE Band 5 / 5MHz+10MHz

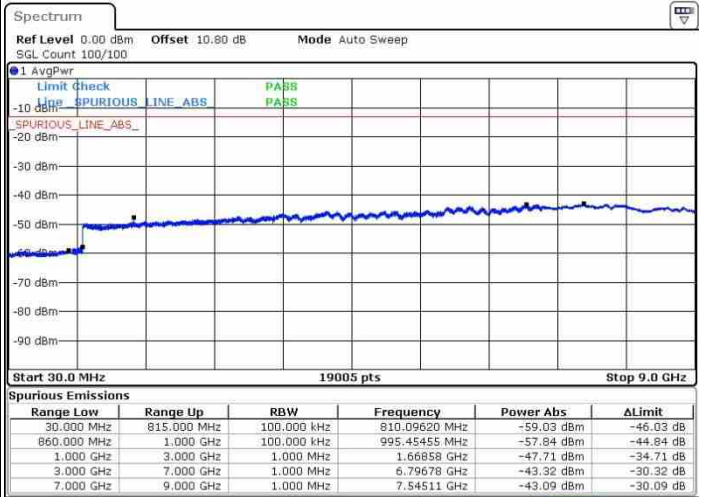
16QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



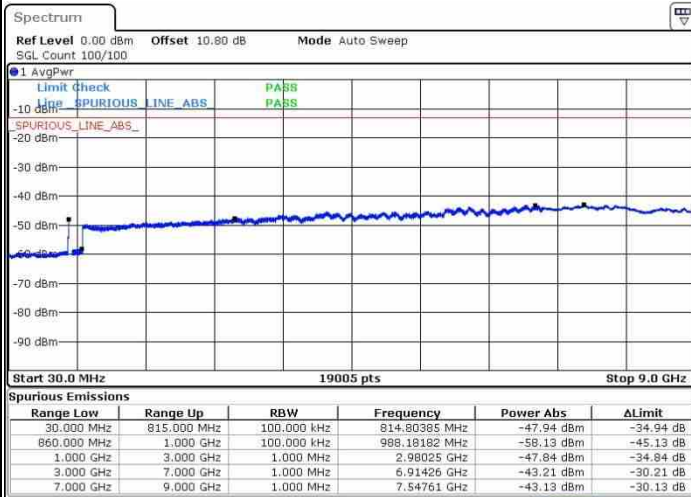
Date: 15 MAR 2019 02:35:34



Date: 15 MAR 2019 02:39:09

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 02:31:59

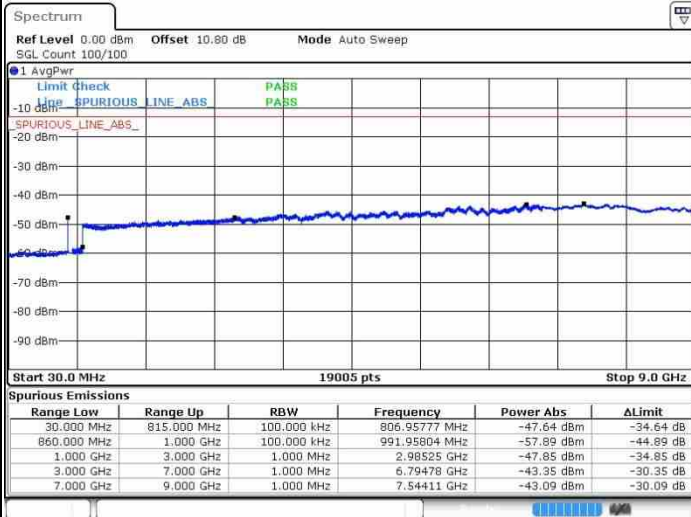


LTE Band 5 / 5MHz+10MHz

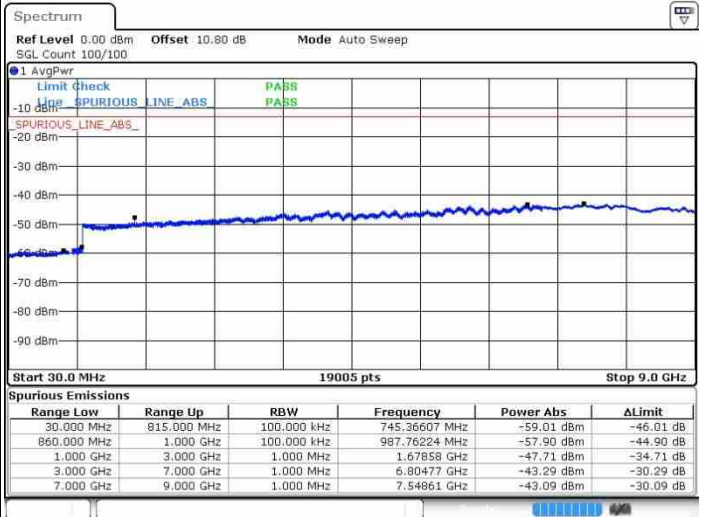
16QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



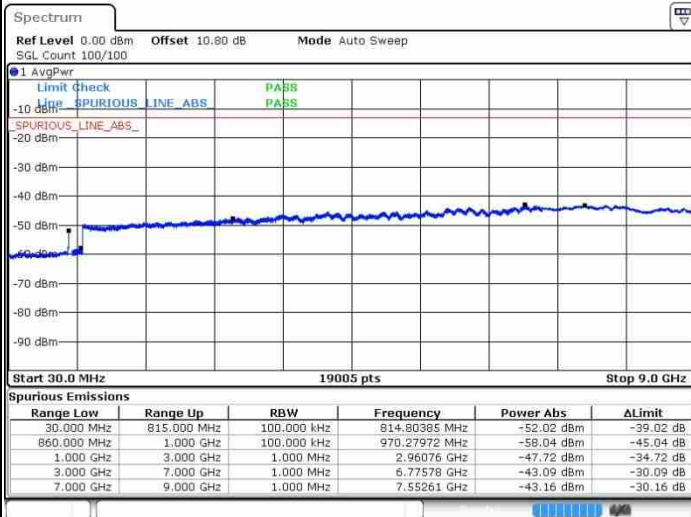
Date: 15 MAR 2019 03:08:17



Date: 15 MAR 2019 03:04:42

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 03:11:52

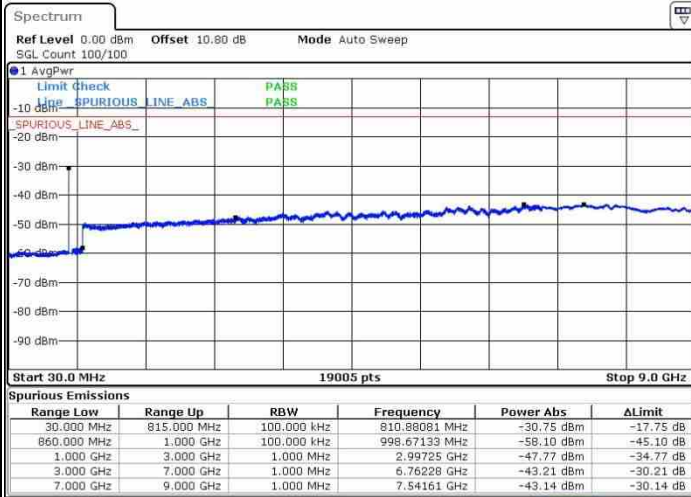


LTE Band 5 / 10MHz+5MHz

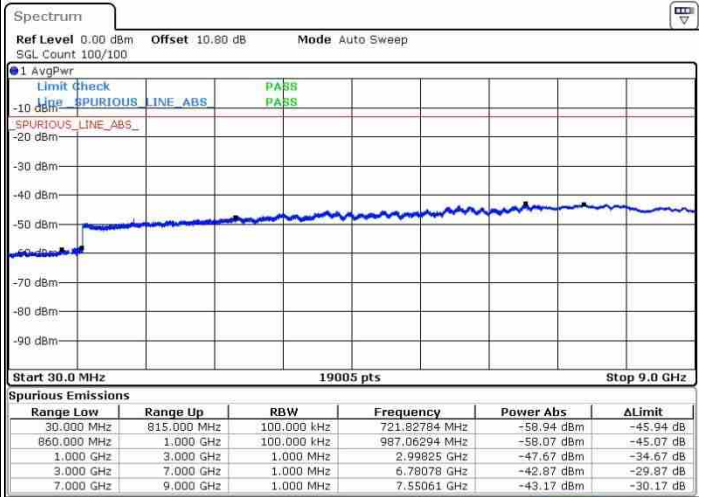
16QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0



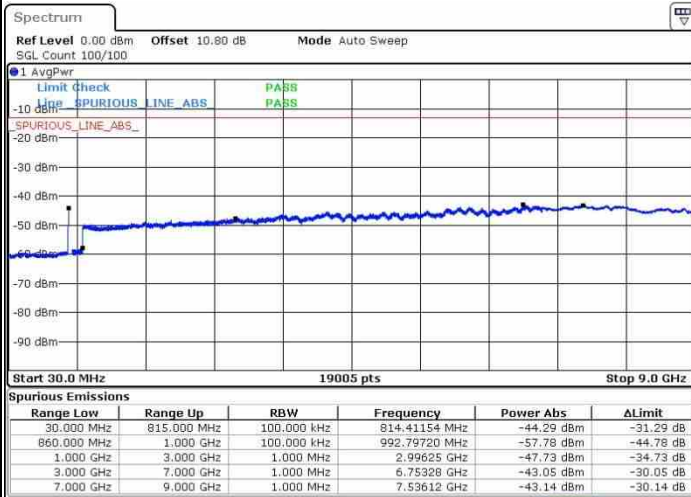
Date: 15 MAR 2019 03:43:48



Date: 15 MAR 2019 03:40:13

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 03:47:23

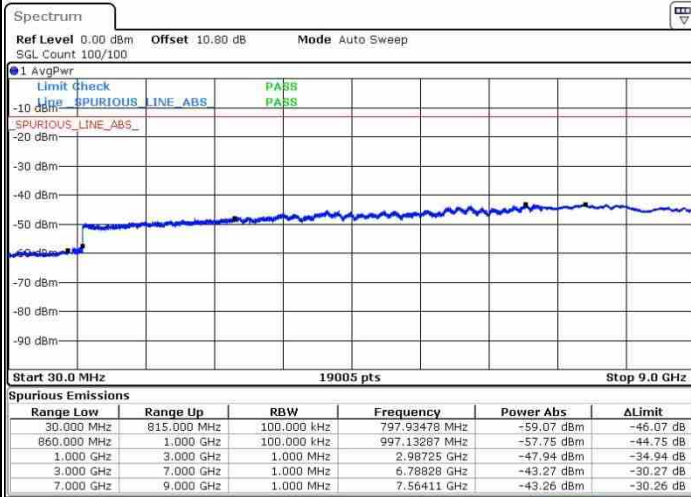


LTE Band 5 / 10MHz+5MHz

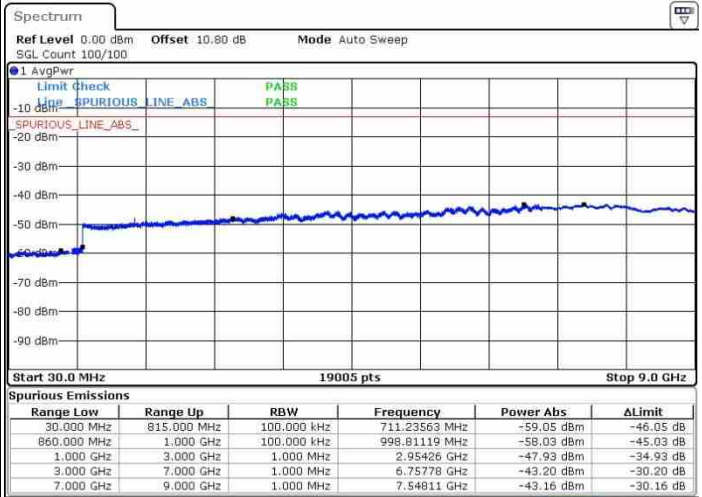
16QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



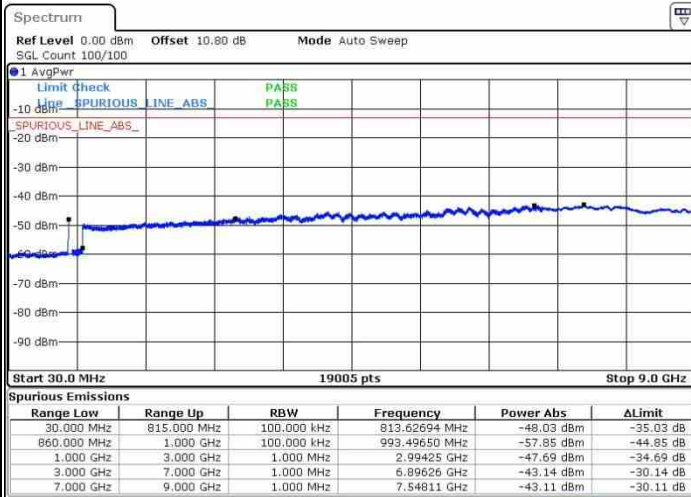
Date: 15 MAR 2019 04:03:51



Date: 15 MAR 2019 04:07:26

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 04:00:16

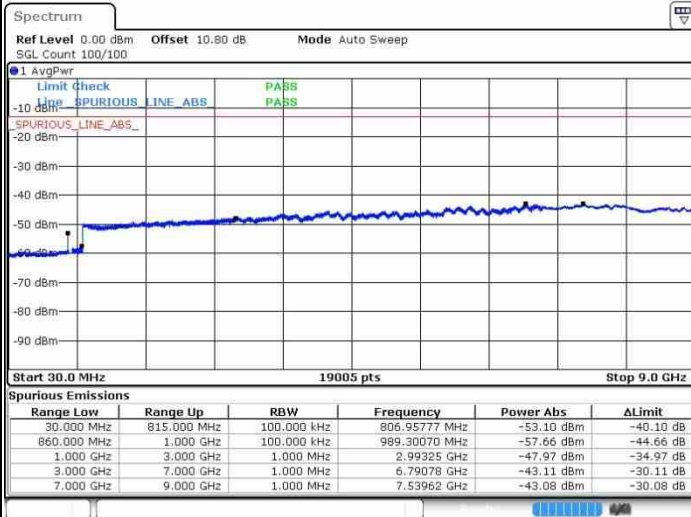


LTE Band 5 / 10MHz+5MHz

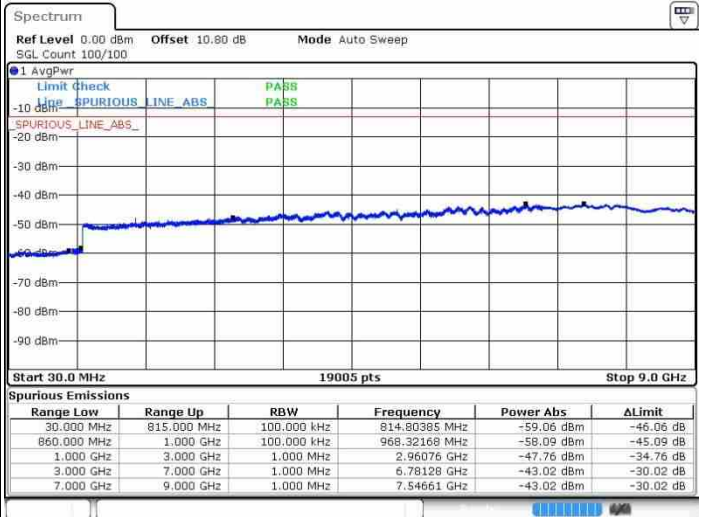
16QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0



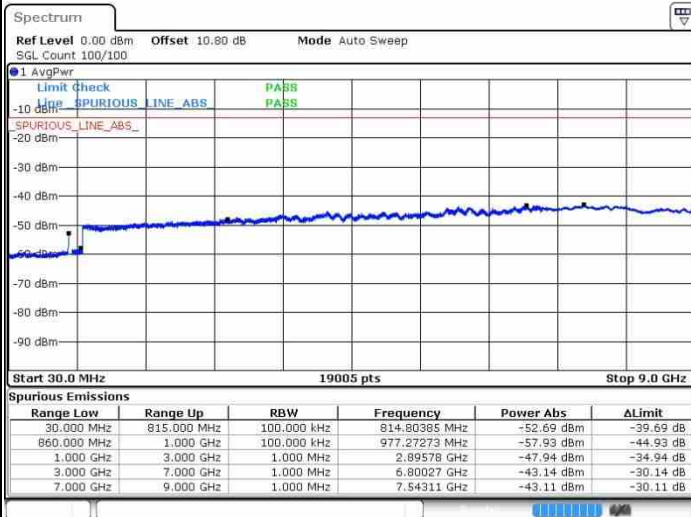
Date: 15 MAR 2019 04:36:19



Date: 15 MAR 2019 04:32:45

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 04:39:54

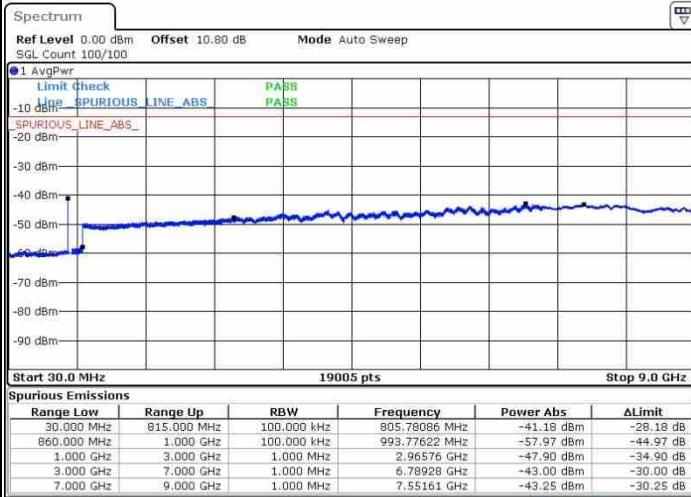


LTE Band 5 / 10MHz+10MHz

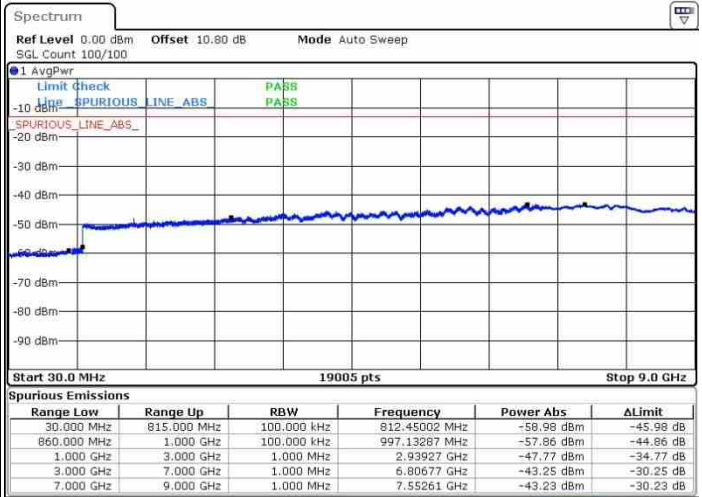
16QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



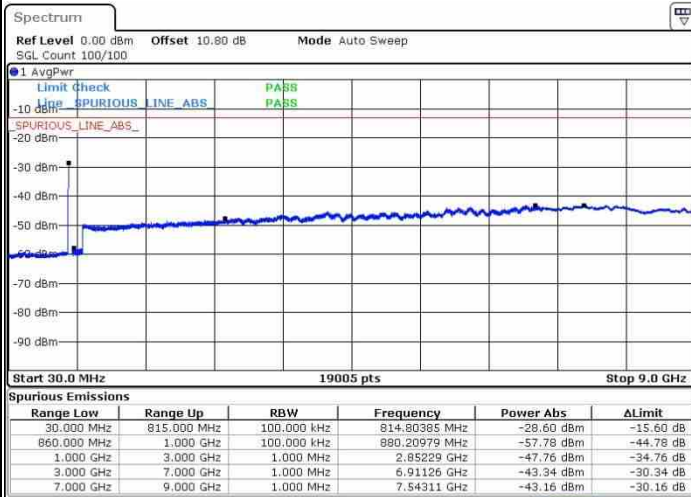
Date: 15 MAR 2019 05:14:11



Date: 15 MAR 2019 05:10:36

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 05:17:47

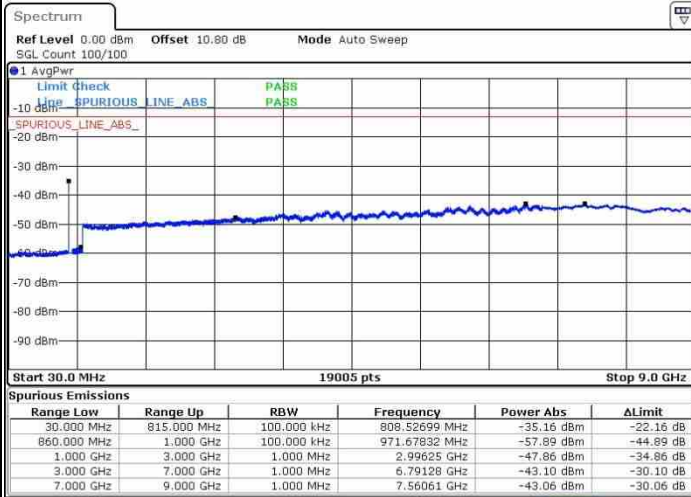


LTE Band 5 / 10MHz+10MHz

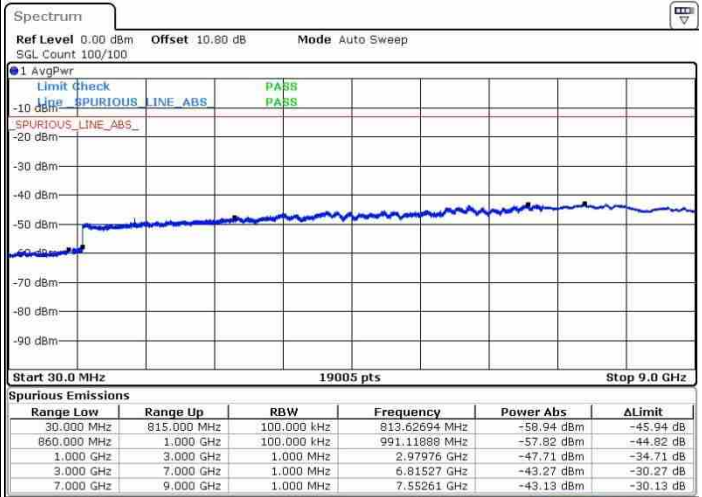
16QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



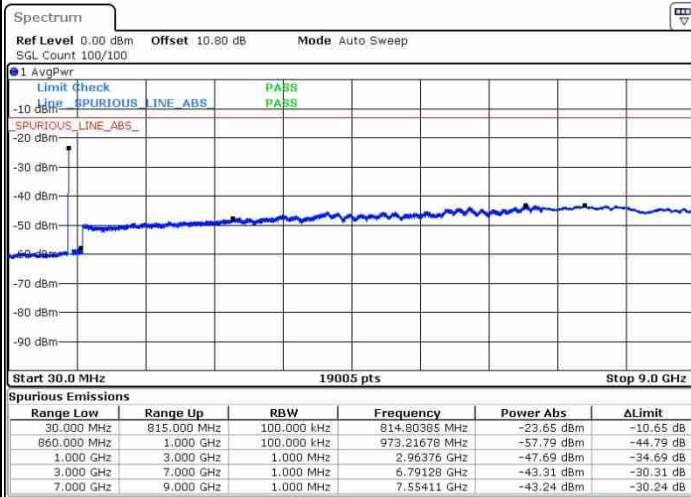
Date: 15 MAR 2019 05:35:59



Date: 15 MAR 2019 05:39:34

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 05:32:24

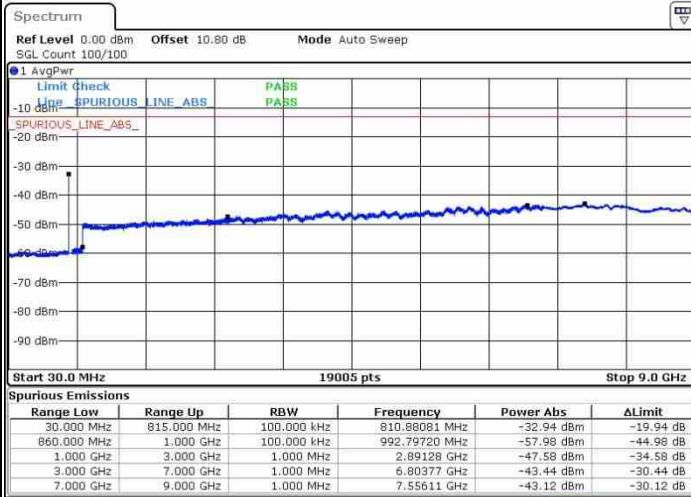


LTE Band 5 / 10MHz+10MHz

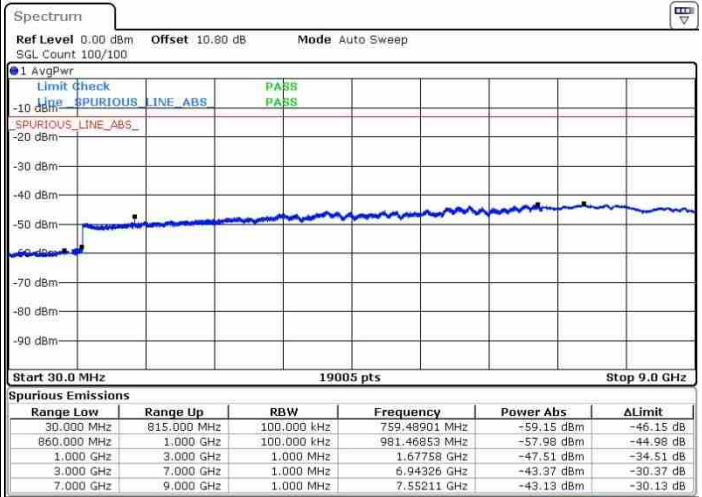
16QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



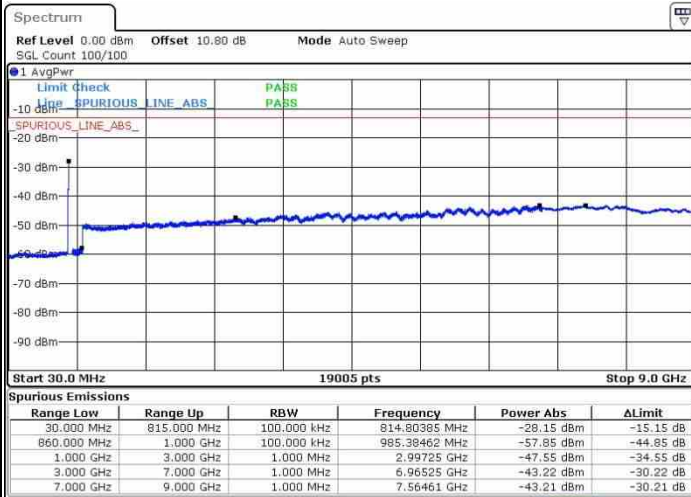
Date: 15 MAR 2019 06:13:14



Date: 15 MAR 2019 06:09:39

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 06:16:49

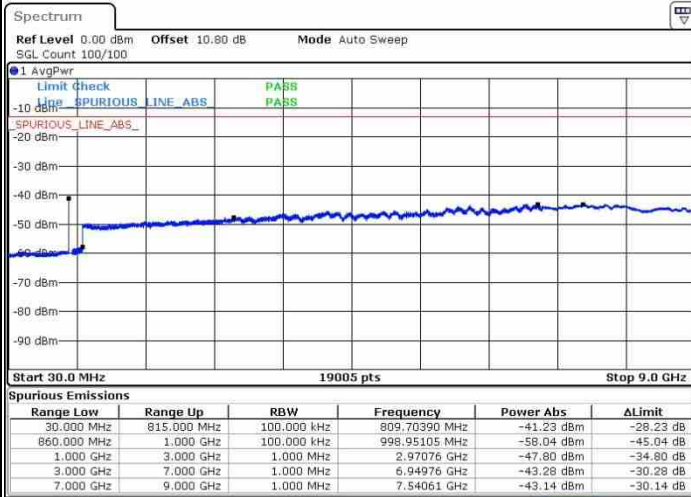


LTE Band 5 / 3MHz+5MHz

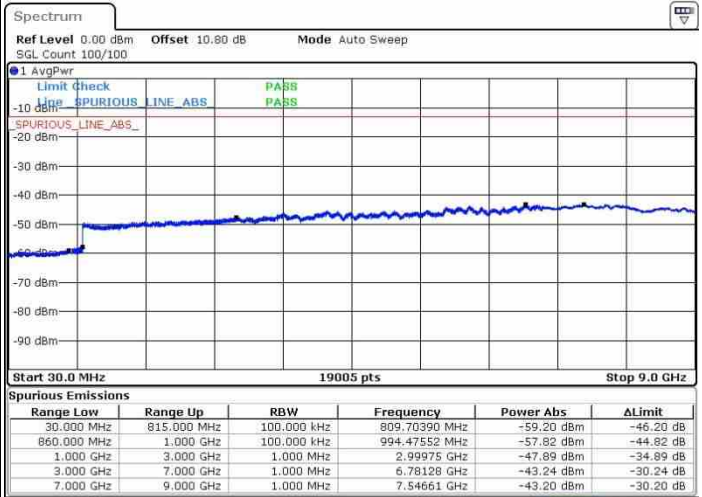
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB14 and 1RB0



Date: 15 MAR 2019 09:40:52



Date: 15 MAR 2019 09:34:34

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 09:42:07

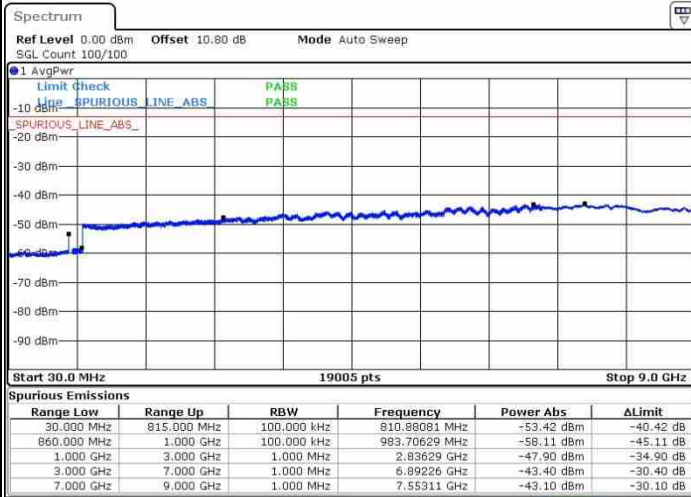


LTE Band 5 / 3MHz+5MHz

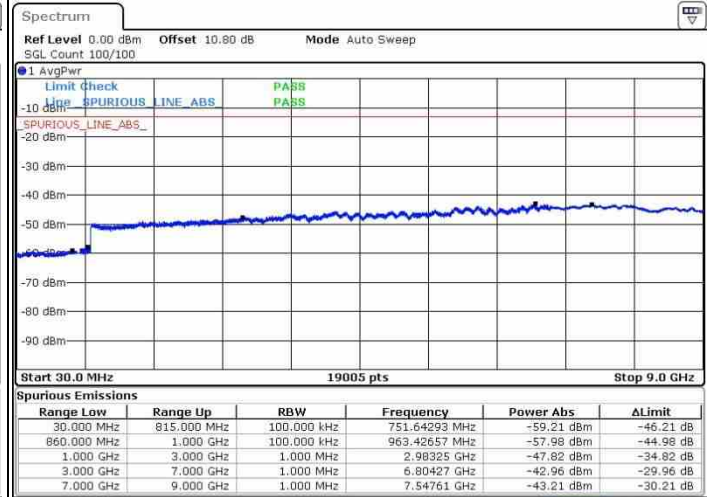
64QAM

MiddleChannel / 1RB0 and 1RB24

Middle Channel / 1RB14 and 1RB0



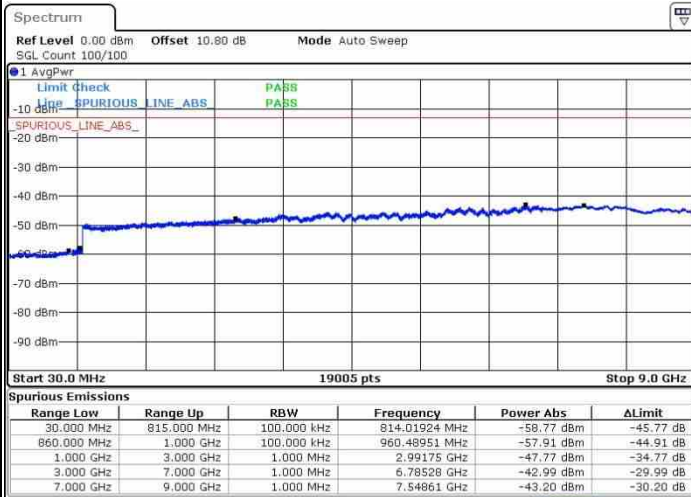
Date: 15 MAR 2019 09:54:28



Date: 15 MAR 2019 10:03:46

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 09:53:12

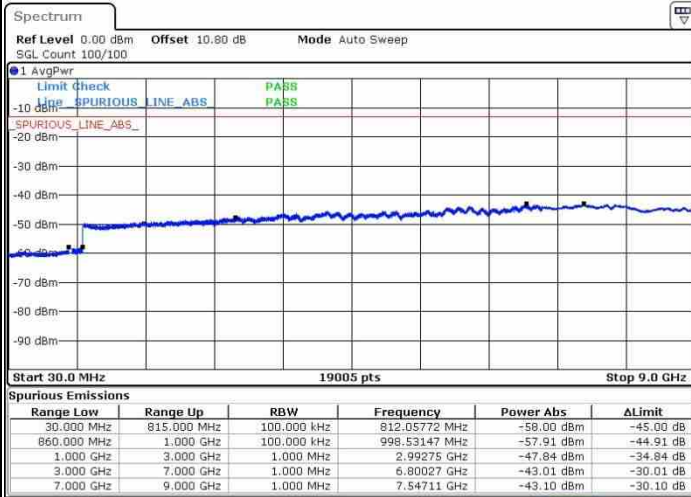


LTE Band 5 / 3MHz+5MHz

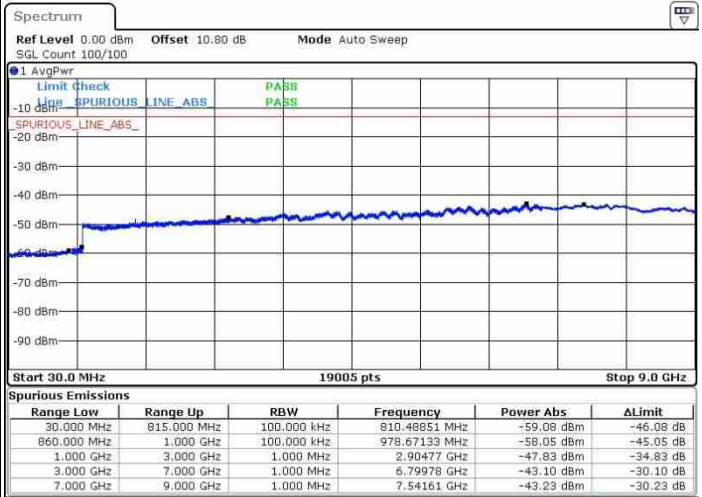
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB14 and 1RB0



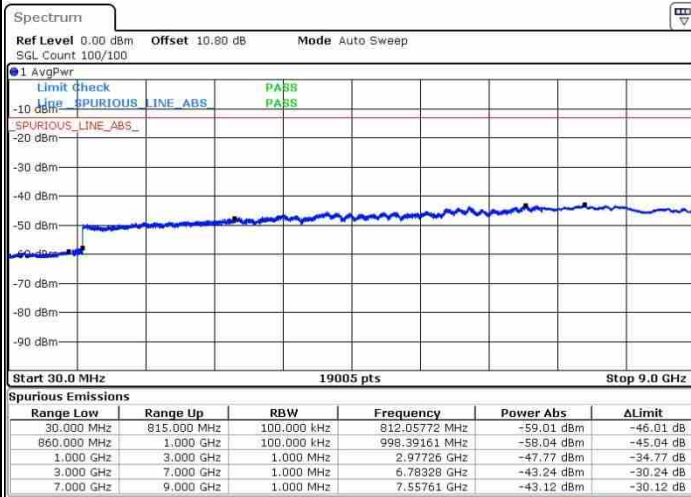
Date: 15 MAR 2019 10:34:53



Date: 15 MAR 2019 10:33:38

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 10:41:11

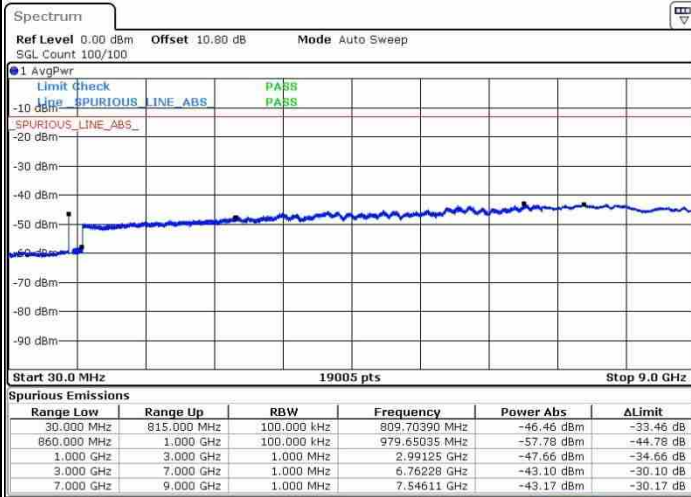


LTE Band 5 / 5MHz+3MHz

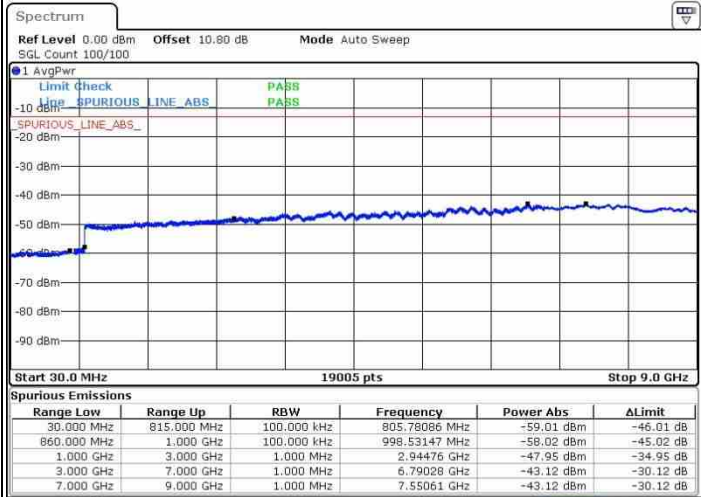
64QAM

Lowest Channel / 1RB0 and 1RB14

Lowest Channel / 1RB24 and 1RB0



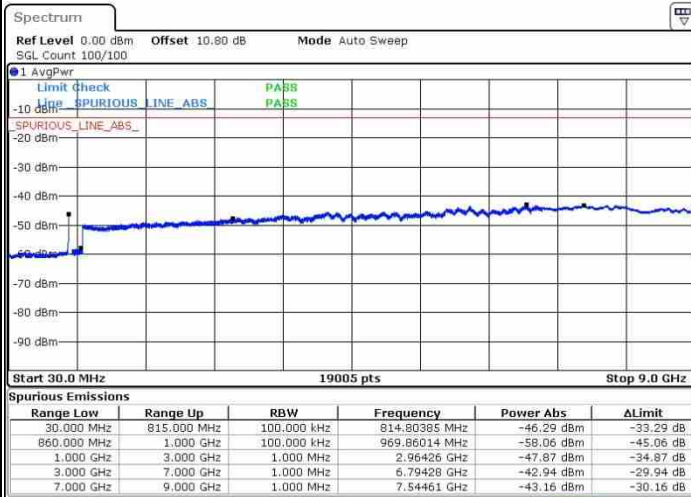
Date: 15 MAR 2019 00:36:08



Date: 15 MAR 2019 00:30:10

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 00:37:20

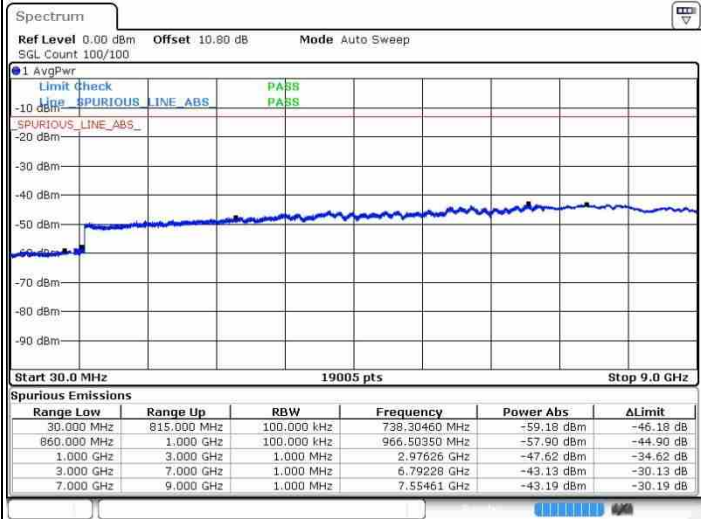
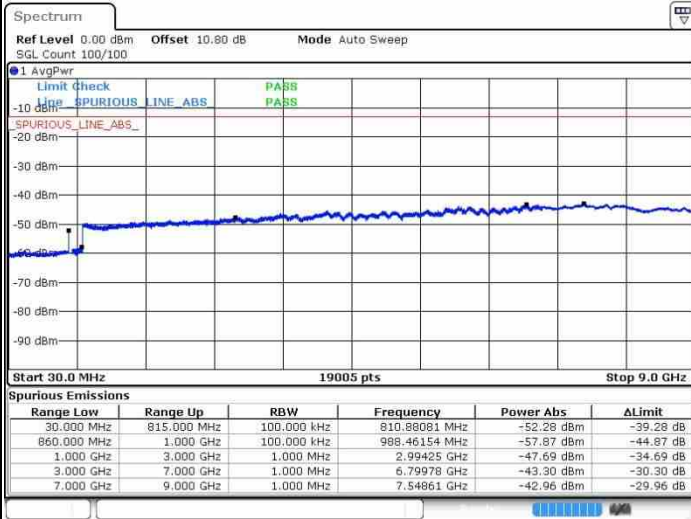


LTE Band 5 / 5MHz+3MHz

64QAM

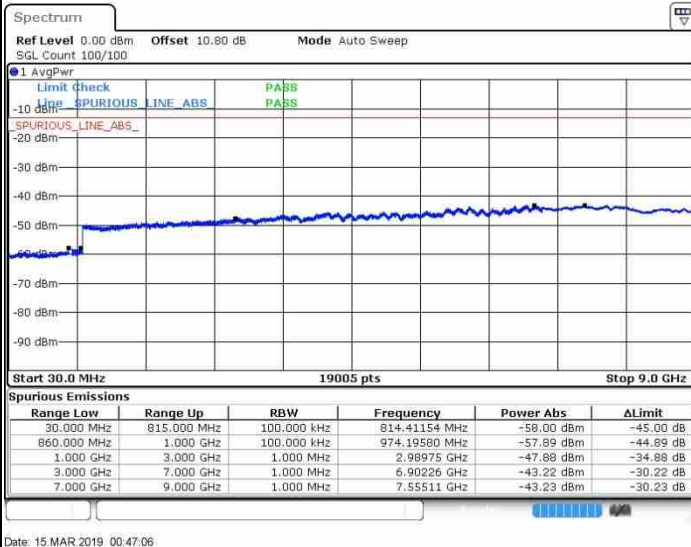
Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0



Middle Channel / FullIRB

N/A



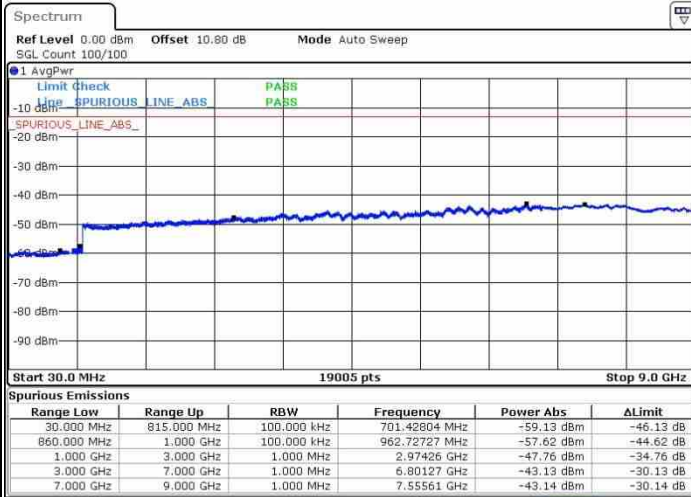


LTE Band 5 / 5MHz+3MHz

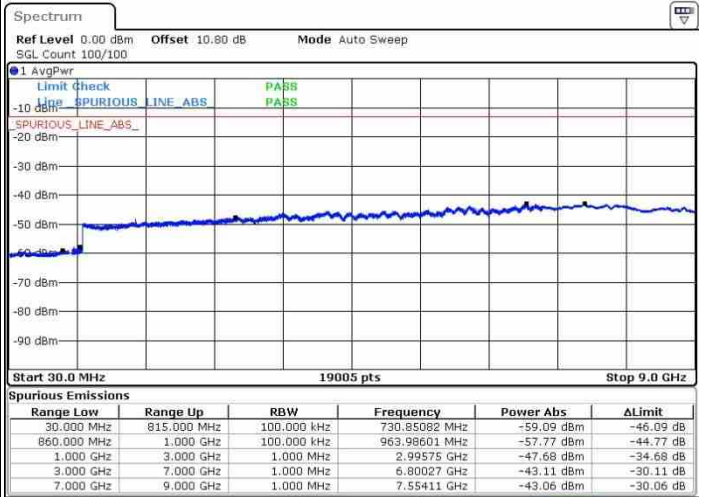
64QAM

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



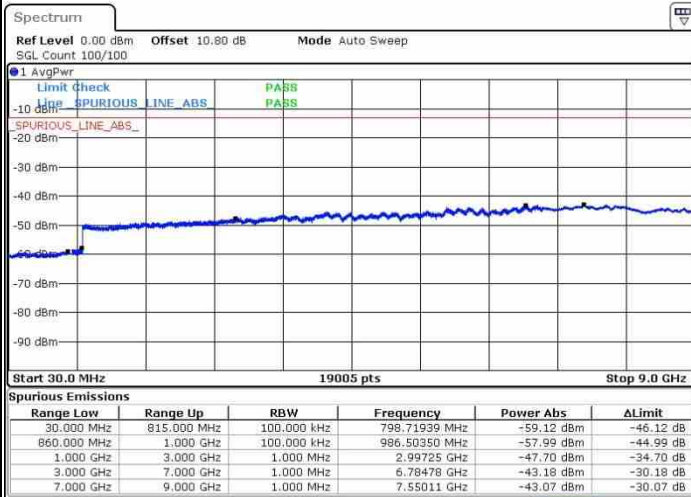
Date: 15 MAR 2019 01:30:06



Date: 15 MAR 2019 01:28:55

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 01:36:05

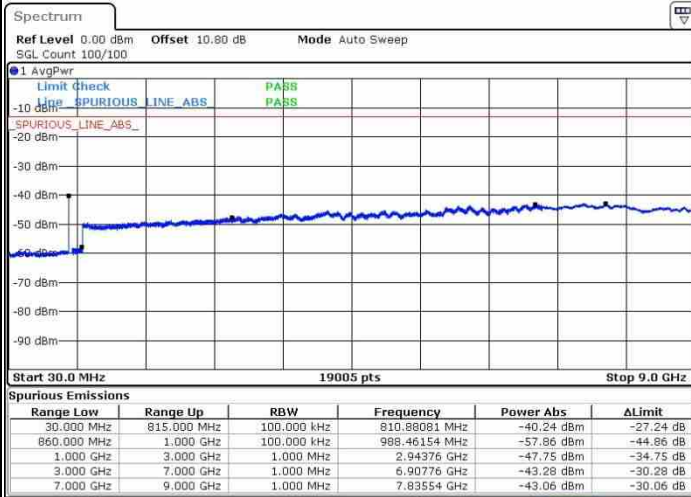


LTE Band 5 / 5MHz+10MHz

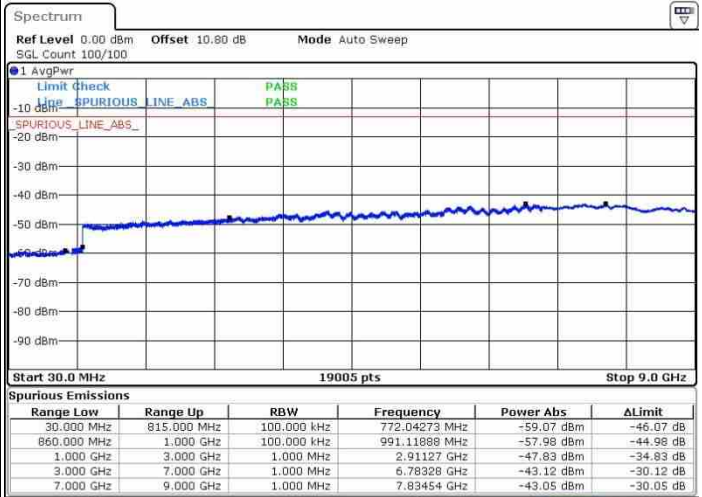
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0



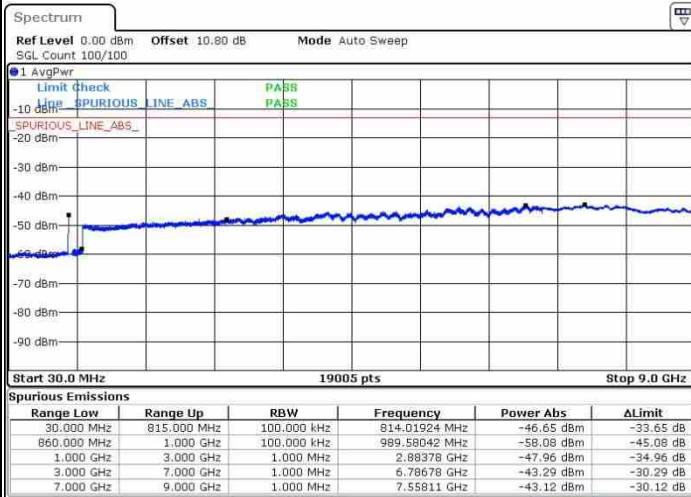
Date: 15 MAR 2019 02:12:34



Date: 15 MAR 2019 02:06:36

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 02:13:46

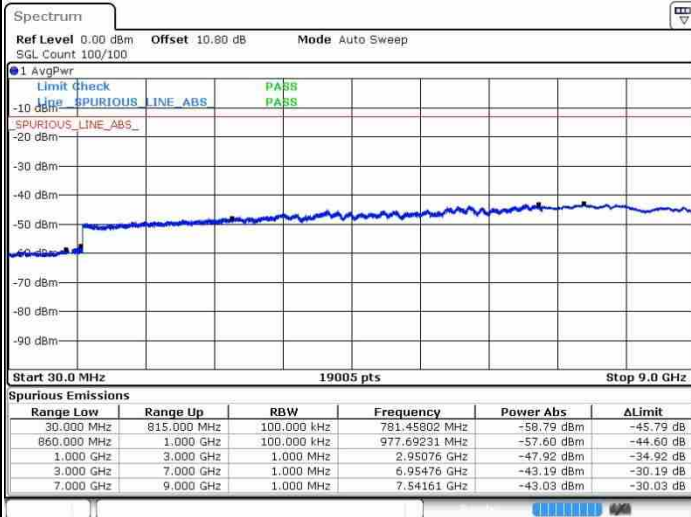


LTE Band 5 / 5MHz+10MHz

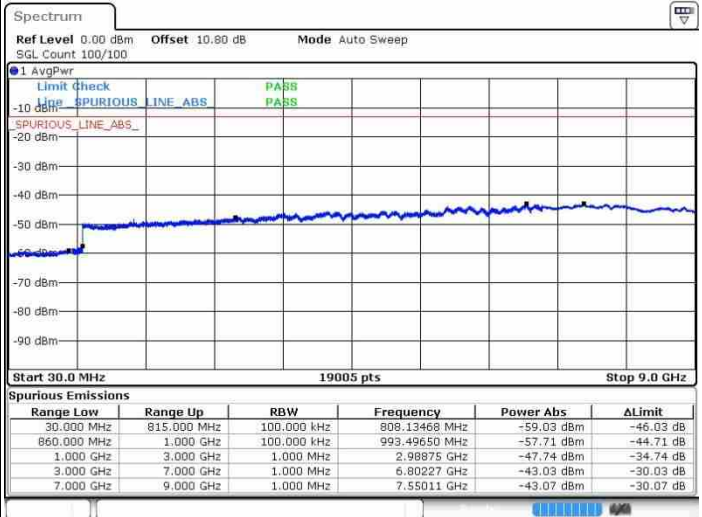
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



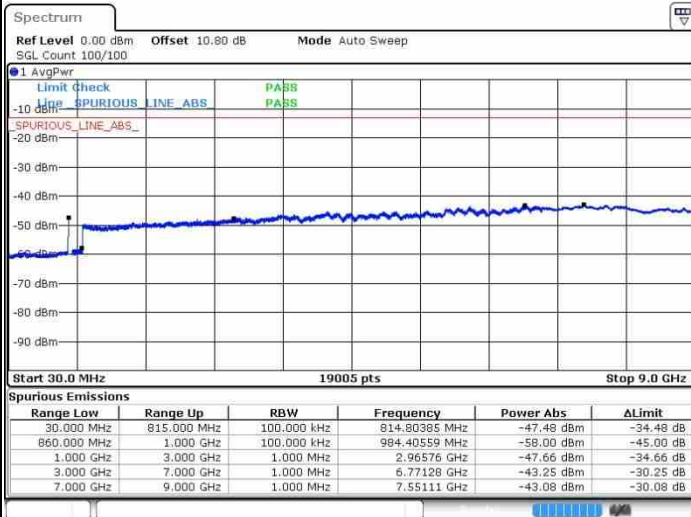
Date: 15 MAR 2019 02:34:22



Date: 15 MAR 2019 02:40:21

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 02:33:11

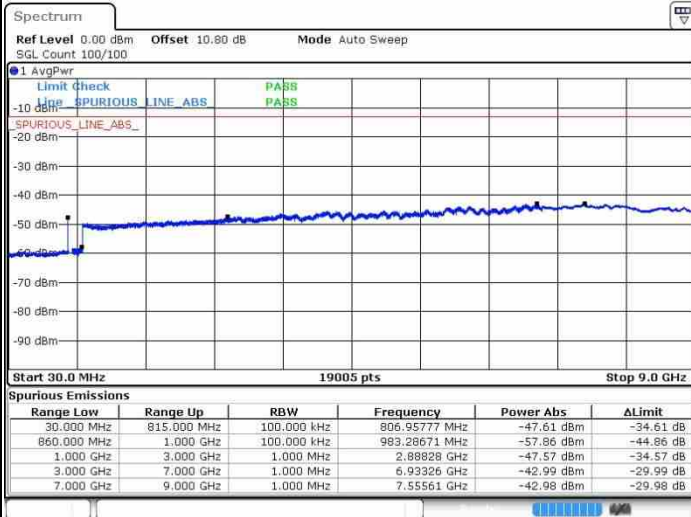


LTE Band 5 / 5MHz+10MHz

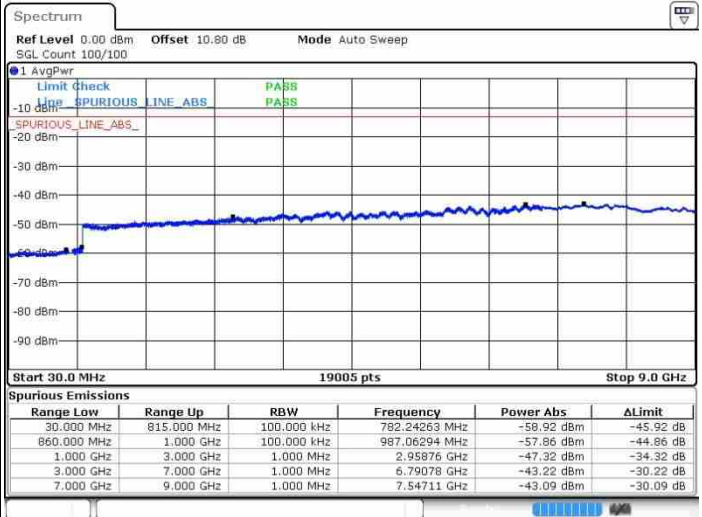
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



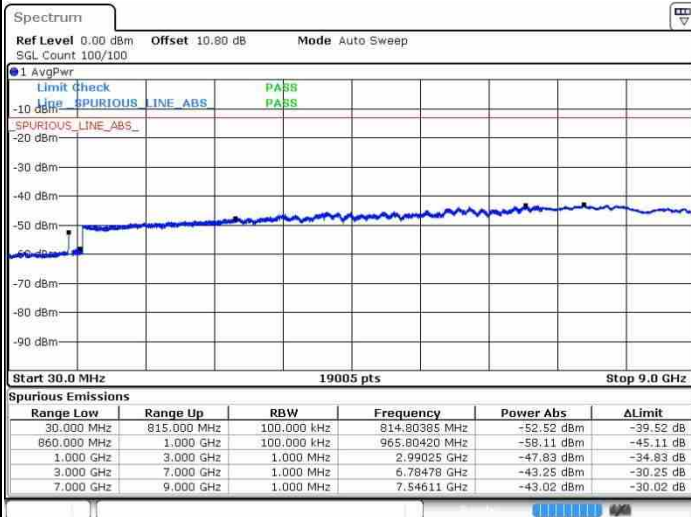
Date: 15 MAR 2019 03:07:05



Date: 15 MAR 2019 03:05:54

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 03:13:04

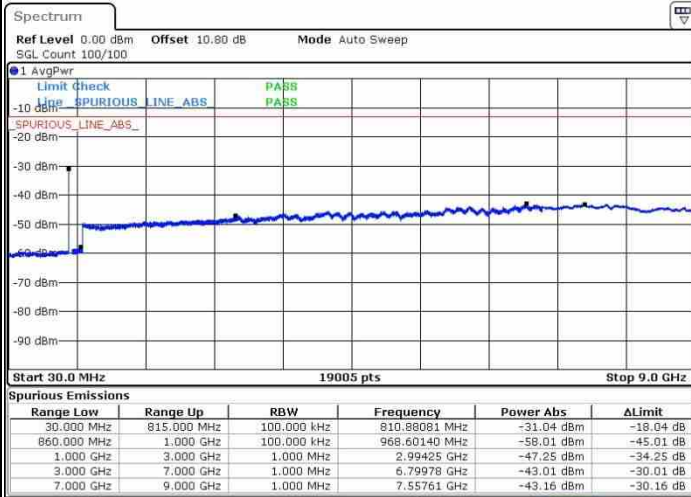


LTE Band 5 / 10MHz+5MHz

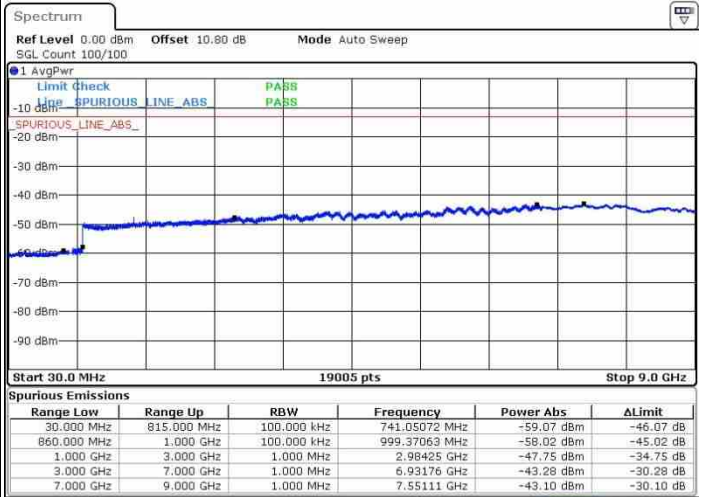
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0



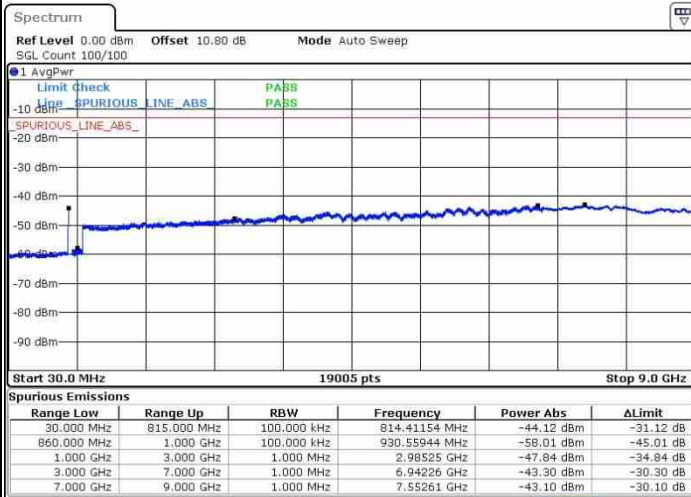
Date: 15 MAR 2019 03:45:00



Date: 15 MAR 2019 03:39:01

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 03:46:11

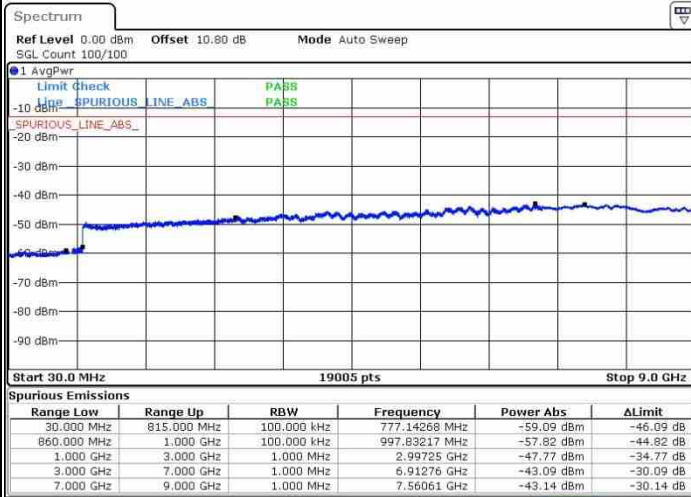


LTE Band 5 / 10MHz+5MHz

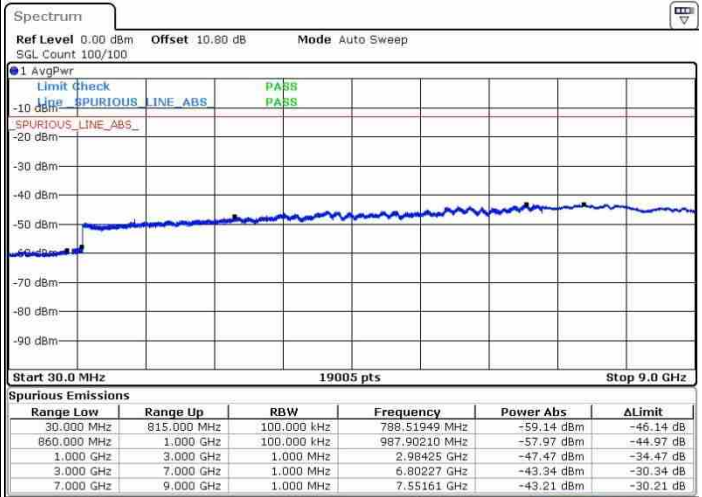
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



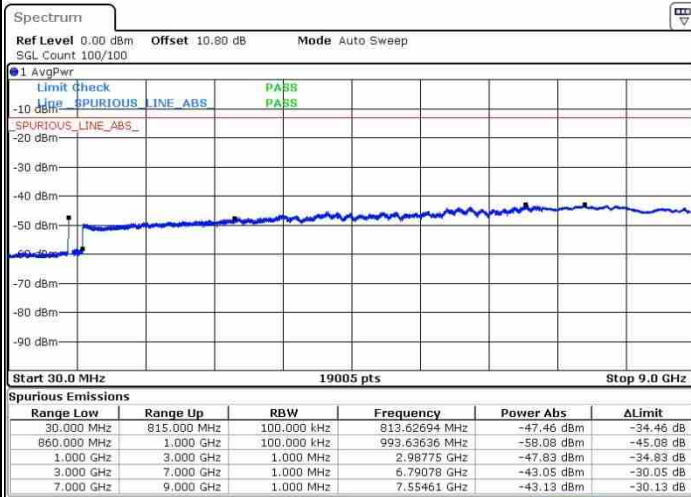
Date: 15 MAR 2019 04:02:39



Date: 15 MAR 2019 04:08:38

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 04:01:28

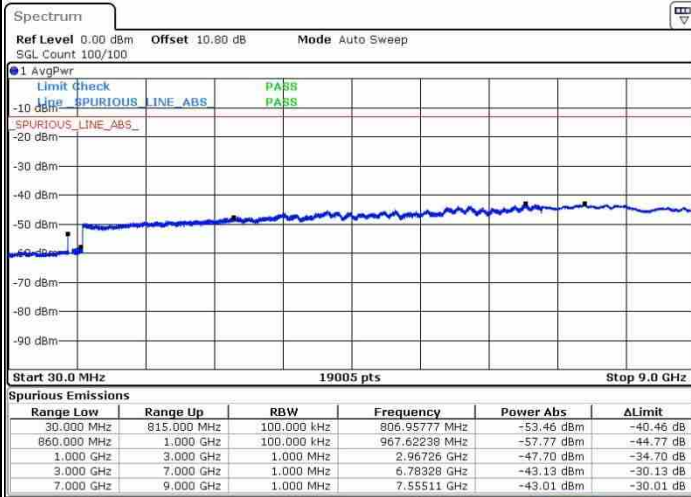


LTE Band 5 / 10MHz+5MHz

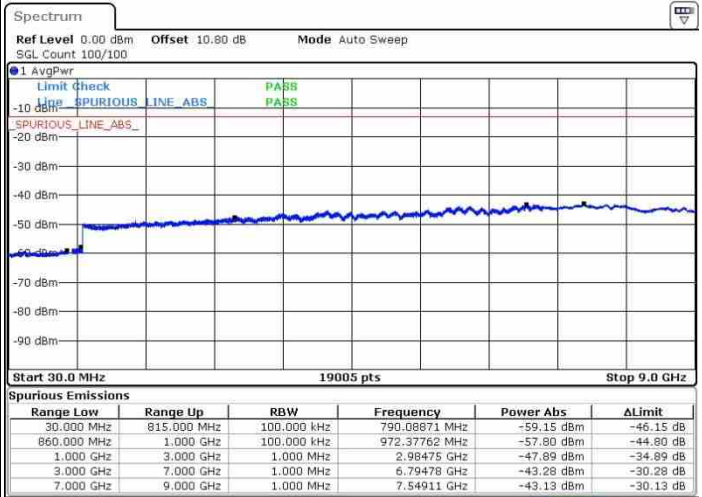
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0



Date: 15 MAR 2019 04:35:08



Date: 15 MAR 2019 04:33:56

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 04:41:06

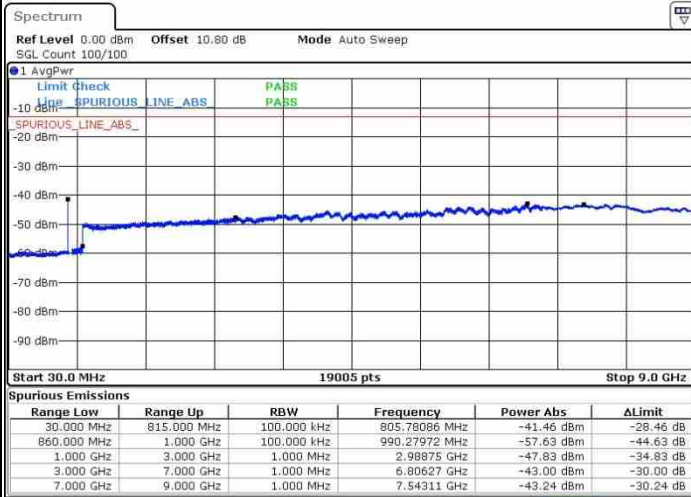


LTE Band 5 / 10MHz+10MHz

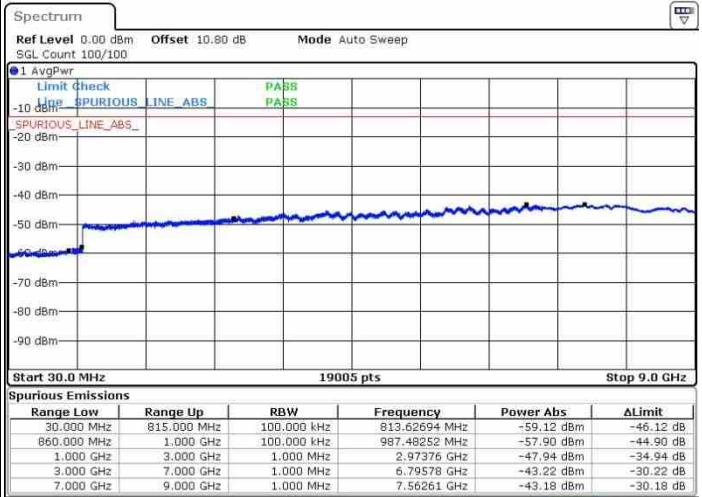
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



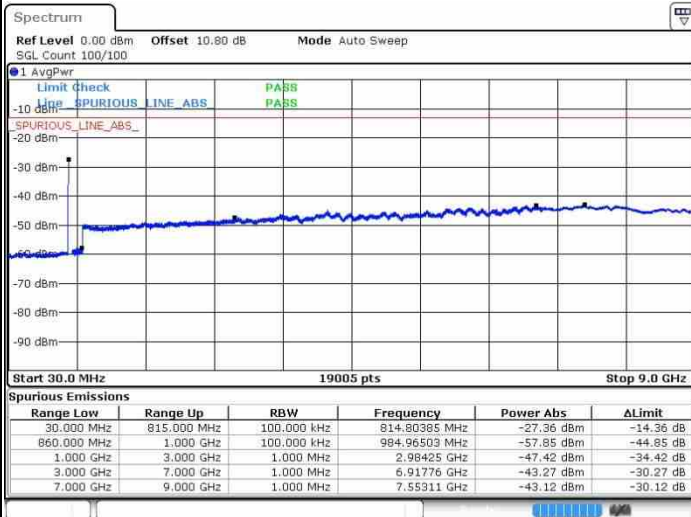
Date: 15 MAR 2019 05:15:23



Date: 15 MAR 2019 05:09:25

Lowest Channel / FullIRB

N/A



Date: 15 MAR 2019 05:16:35

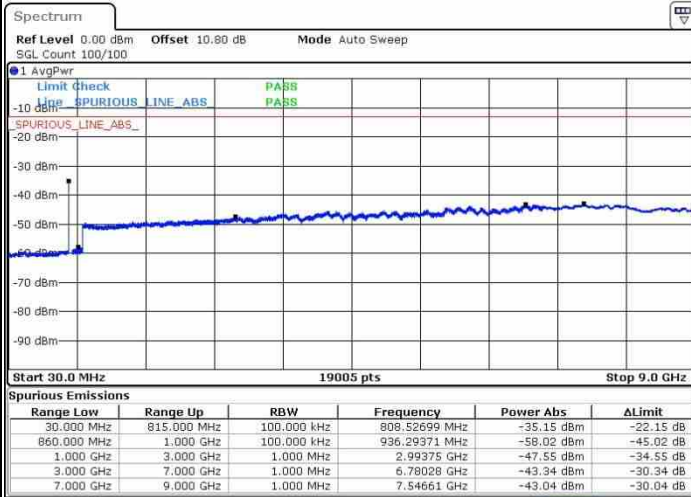


LTE Band 5 / 10MHz+10MHz

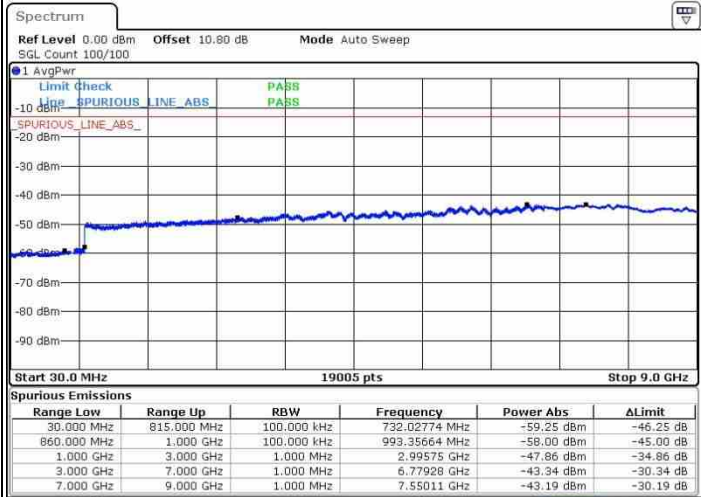
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



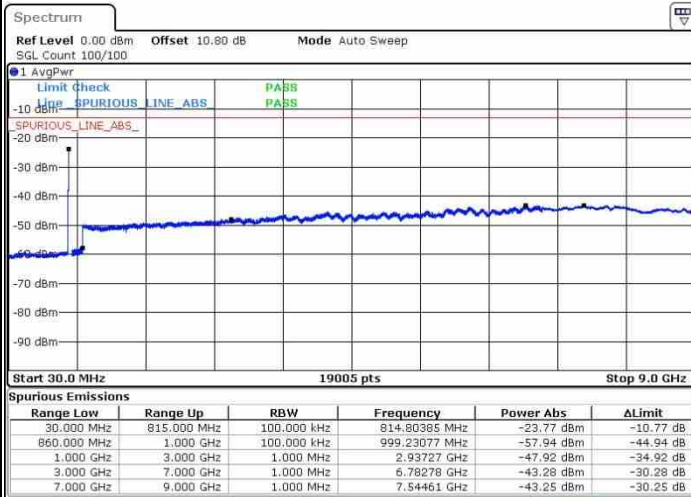
Date: 15 MAR 2019 05:34:47



Date: 15 MAR 2019 05:40:46

Middle Channel / FullIRB

N/A



Date: 15 MAR 2019 05:33:36

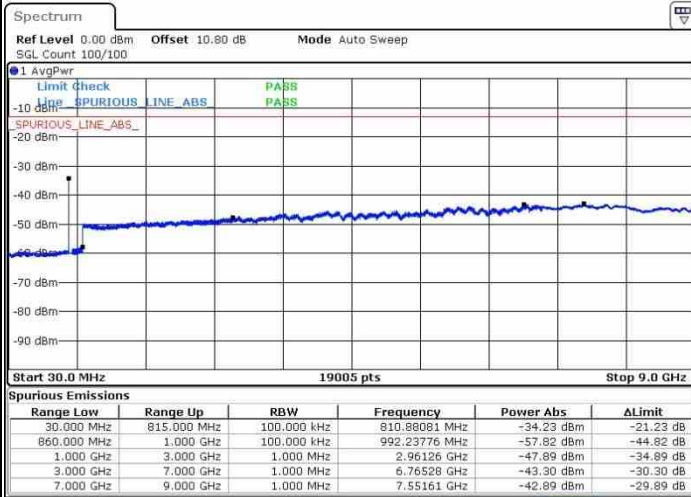


LTE Band 5 / 10MHz+10MHz

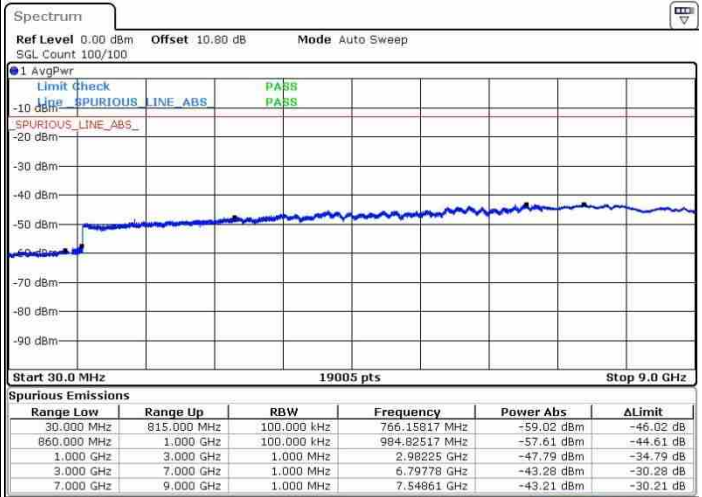
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



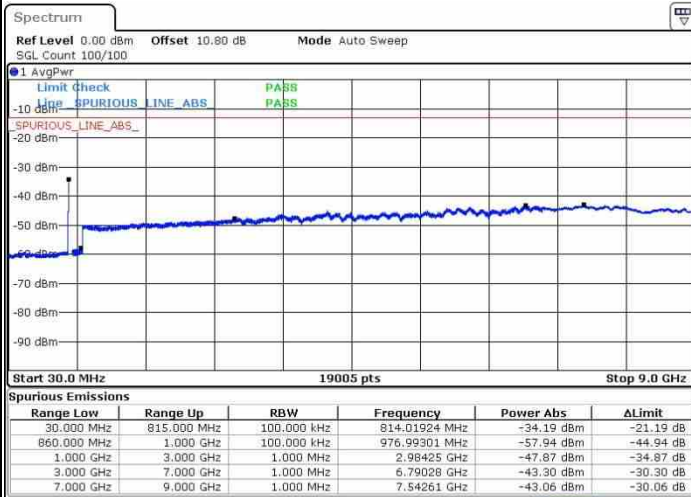
Date: 15 MAR 2019 06:12:02



Date: 15 MAR 2019 06:10:51

Highest Channel / FullIRB

N/A



Date: 15 MAR 2019 06:18:01



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.38	4.14	5.48	PASS
Middle CH	3.45	4.46	4.32	5.51	
Highest CH	3.77	4.49	4.58	5.54	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.22	6.20	-	-	PASS
Middle CH	5.39	6.26	-	-	
Highest CH	5.71	6.29	-	-	

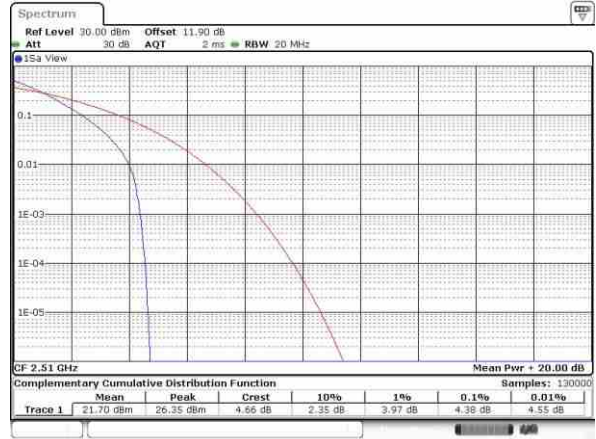


LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



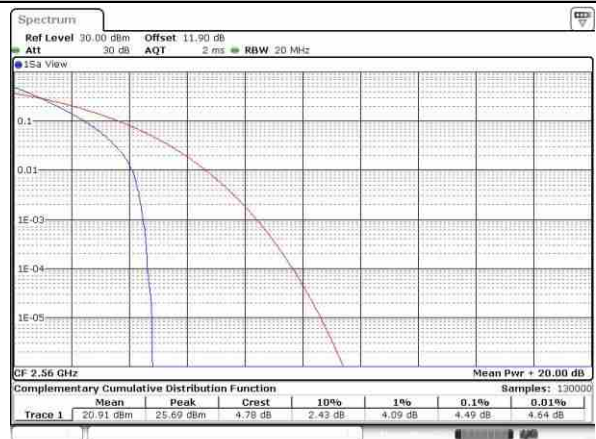
Middle Channel / Full RB



Highest Channel / 1RB



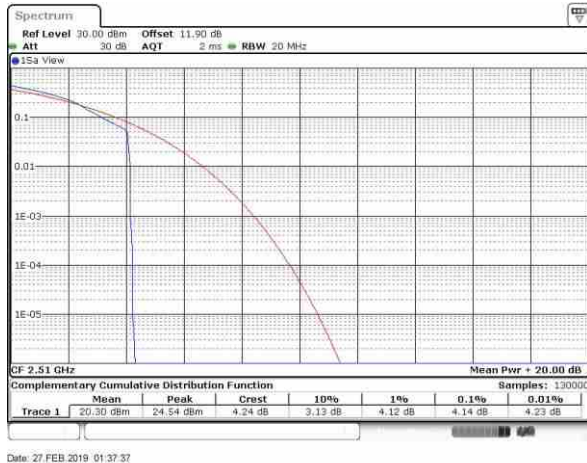
Highest Channel / Full RB





LTE Band 7 / 20MHz / 16QAM

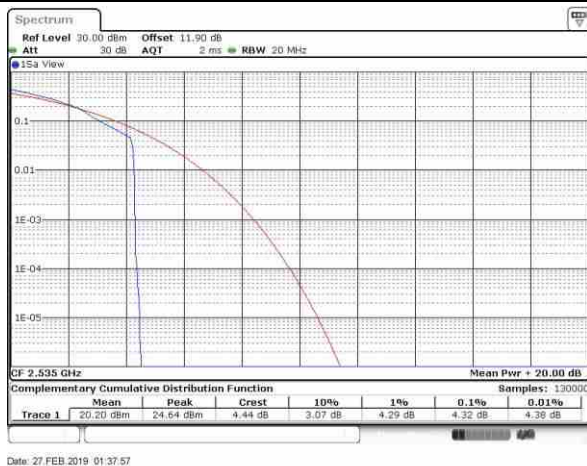
Lowest Channel / 1RB



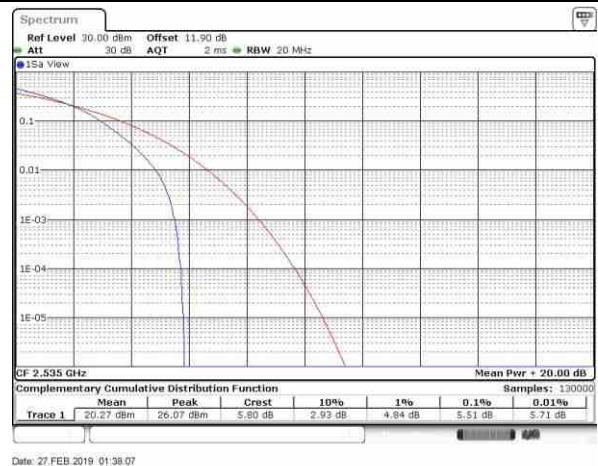
Lowest Channel / Full RB



Middle Channel / 1RB



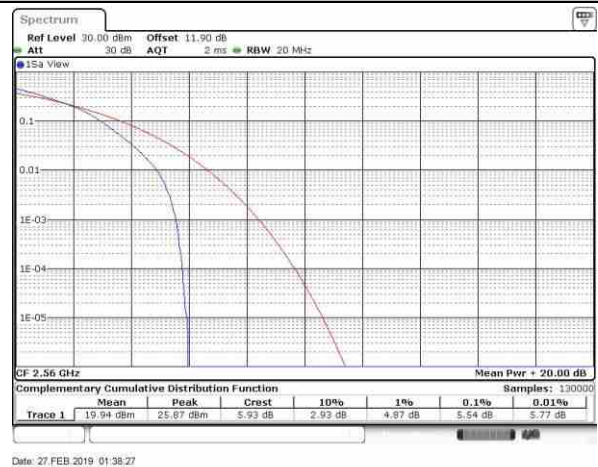
Middle Channel / Full RB



Highest Channel / 1RB

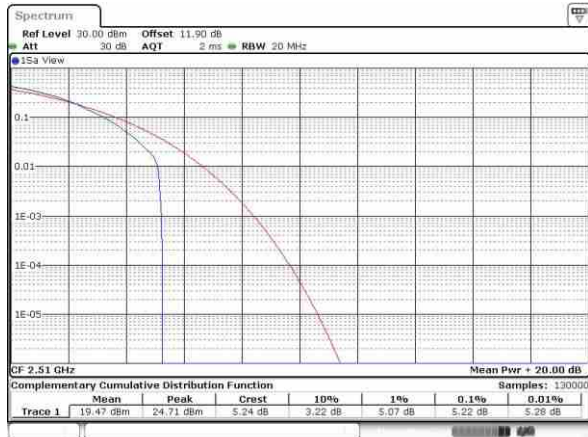


Highest Channel / Full RB



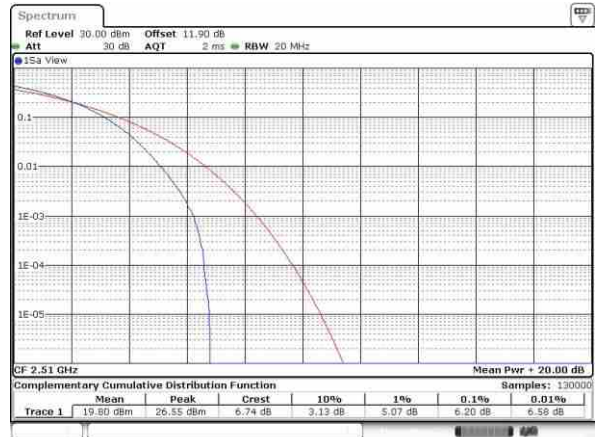
LTE Band 7 / 20MHz / 64QAM

Lowest Channel / 1RB



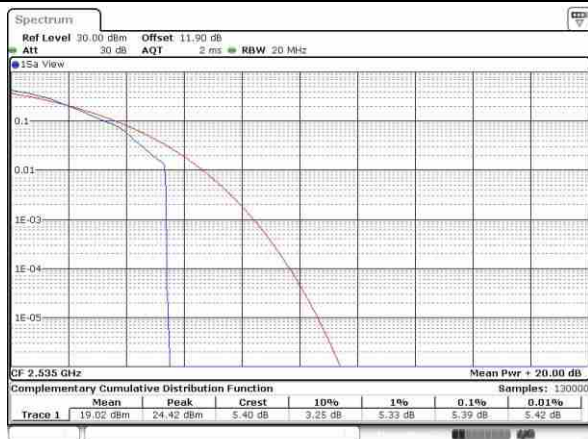
Date: 27 FEB 2019 01:39:37

Lowest Channel / Full RB



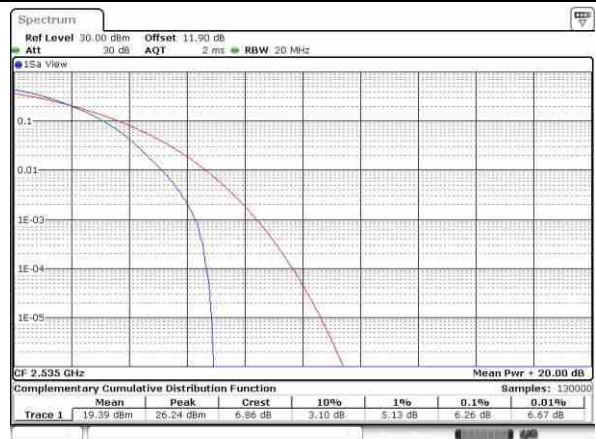
Date: 27 FEB 2019 01:39:47

Middle Channel / 1RB



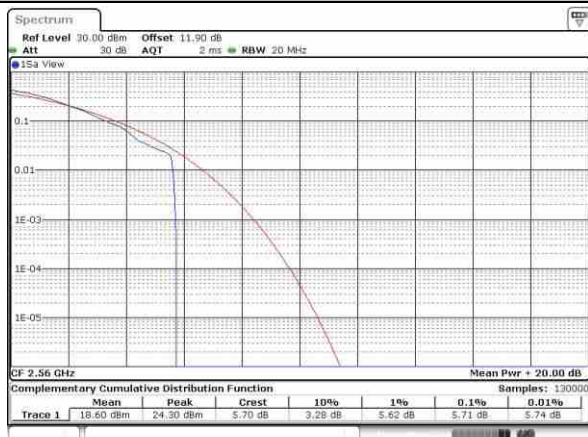
Date: 27 FEB 2019 01:39:57

Middle Channel / Full RB



Date: 27 FEB 2019 01:40:07

Highest Channel / 1RB



Date: 27 FEB 2019 01:40:17

Highest Channel / Full RB



Date: 27 FEB 2019 01:40:27

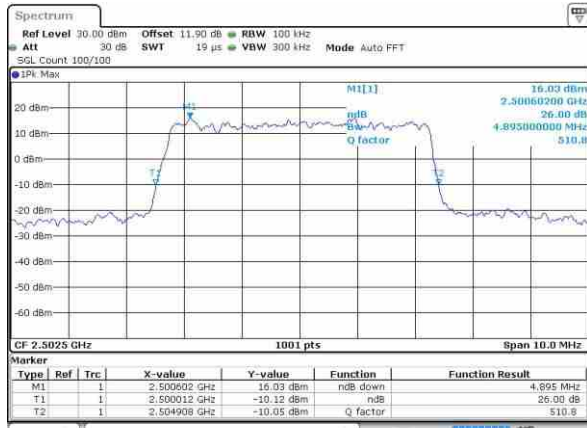
**26dB Bandwidth**

Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.90	4.83	9.81	9.85	14.33	14.45	20.22	20.06
Middle CH	-	-	-	-	4.92	4.97	9.83	9.83	14.39	14.36	20.18	20.22
Highest CH	-	-	-	-	4.89	4.90	9.87	9.77	14.27	14.42	20.38	20.10
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.82	-	9.71	-	14.33	-	20.18	-
Middle CH	-	-	-	-	4.91	-	9.79	-	14.27	-	20.10	-
Highest CH	-	-	-	-	4.89	-	9.79	-	14.27	-	20.22	-

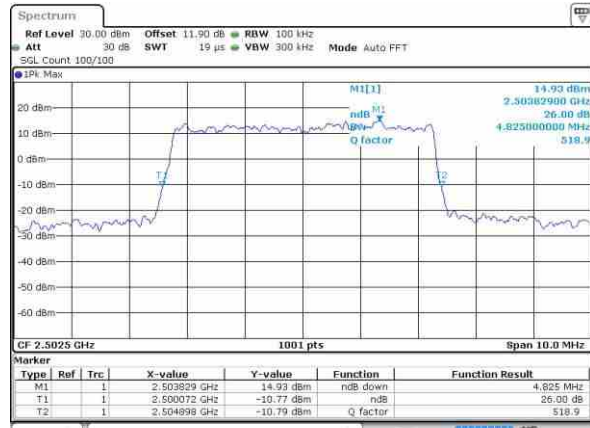


LTE Band 7

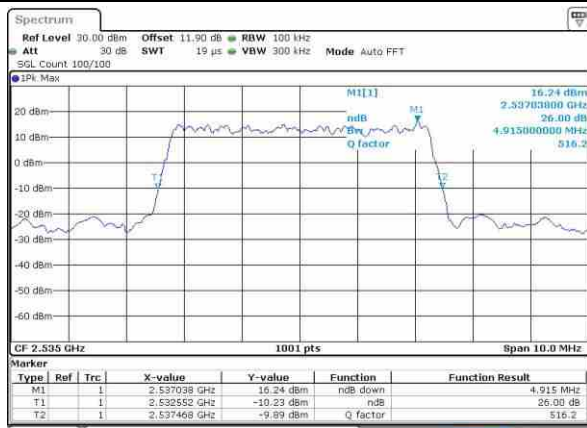
Lowest Channel / 5MHz / QPSK



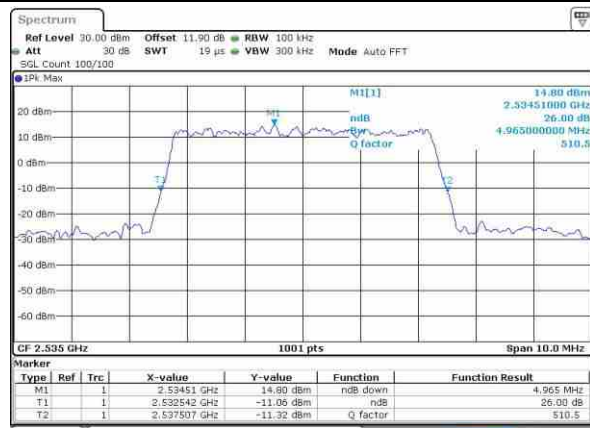
Lowest Channel / 5MHz / 16QAM



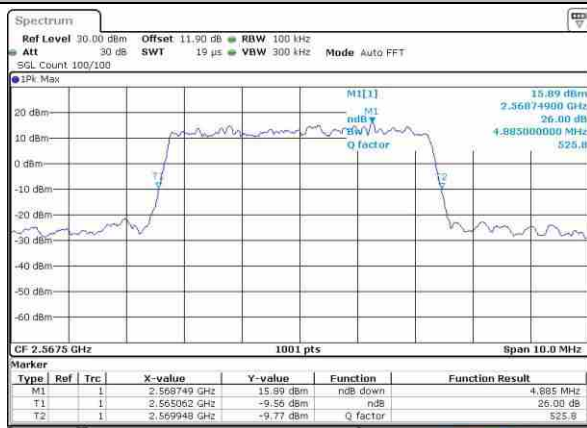
Middle Channel / 5MHz / QPSK



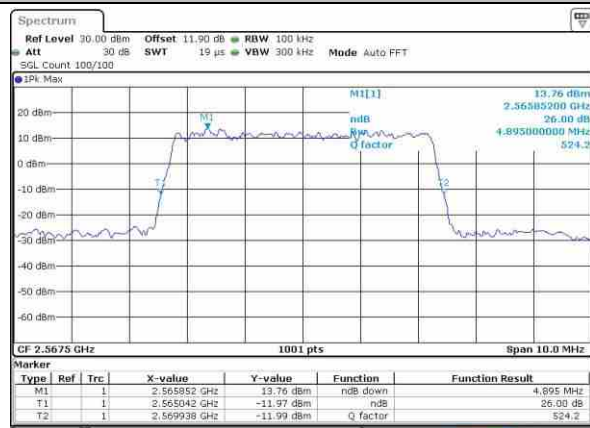
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



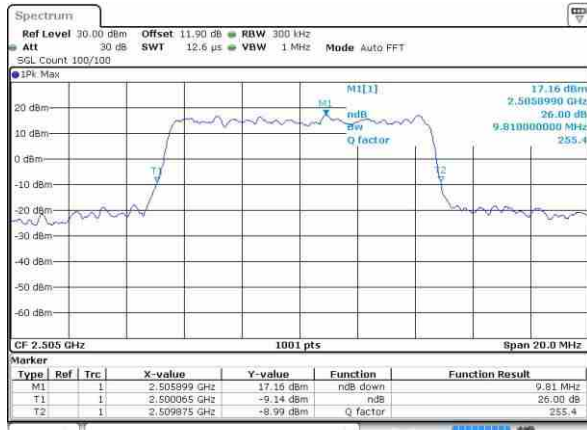
Highest Channel / 5MHz / 16QAM





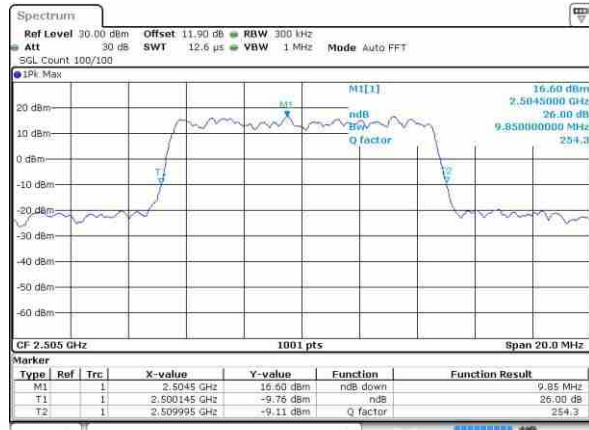
LTE Band 7

Lowest Channel / 10MHz / QPSK



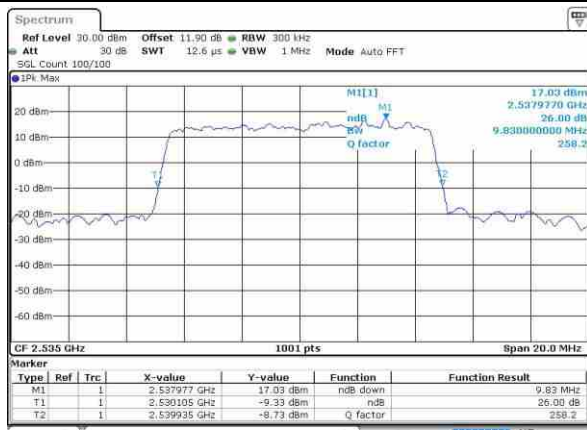
Date: 27 FEB 2019 00:38:16

Lowest Channel / 10MHz / 16QAM



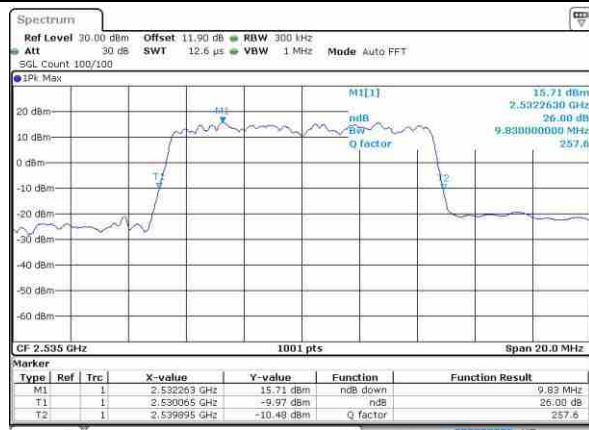
Date: 27 FEB 2019 00:38:27

Middle Channel / 10MHz / QPSK



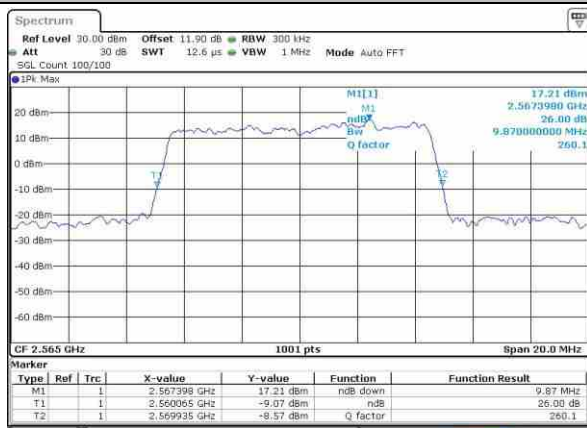
Date: 27 FEB 2019 00:43:34

Middle Channel / 10MHz / 16QAM



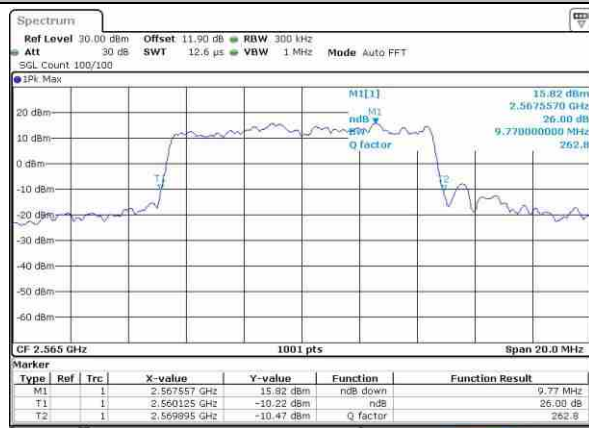
Date: 27 FEB 2019 00:43:45

Highest Channel / 10MHz / QPSK



Date: 27 FEB 2019 00:46:08

Highest Channel / 10MHz / 16QAM

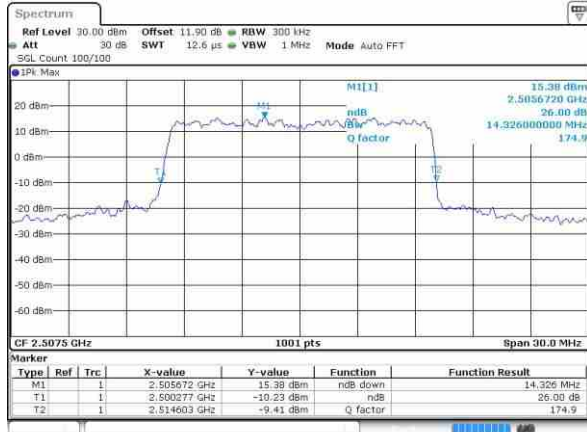


Date: 27 FEB 2019 00:46:20



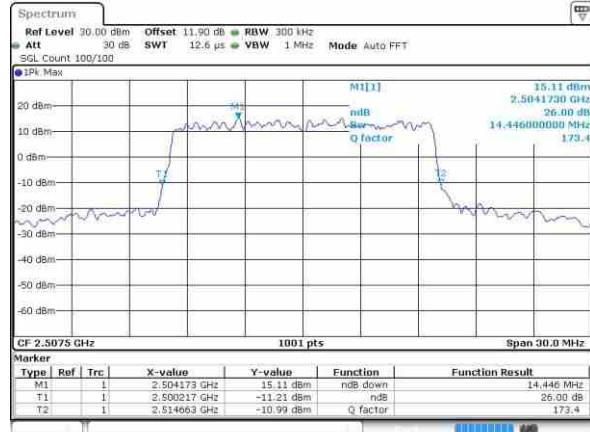
LTE Band 7

Lowest Channel / 15MHz / QPSK



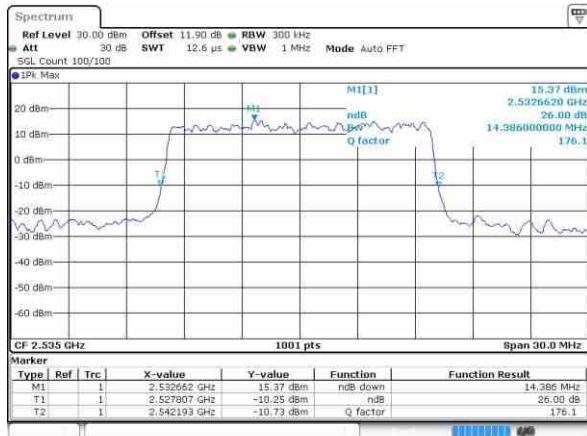
Date: 27 FEB 2019 00:58:02

Lowest Channel / 15MHz / 16QAM



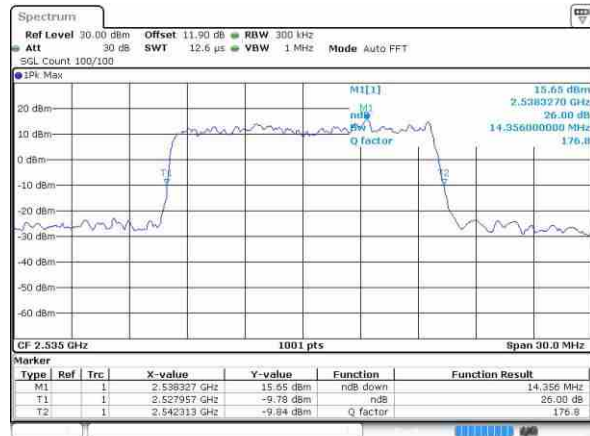
Date: 27 FEB 2019 00:58:13

Middle Channel / 15MHz / QPSK



Date: 27 FEB 2019 01:03:20

Middle Channel / 15MHz / 16QAM



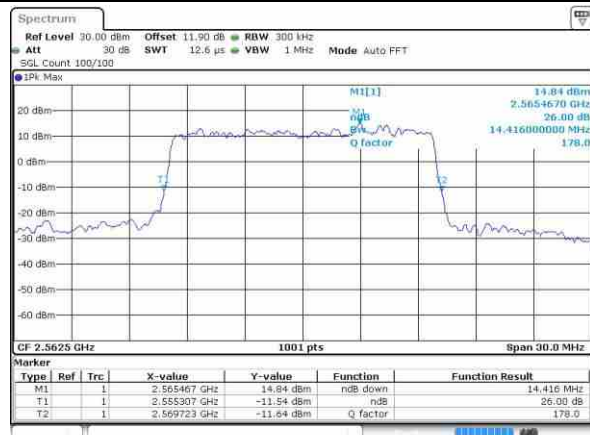
Date: 27 FEB 2019 01:03:31

Highest Channel / 15MHz / QPSK



Date: 27 FEB 2019 01:05:55

Highest Channel / 15MHz / 16QAM



Date: 27 FEB 2019 01:06:08