

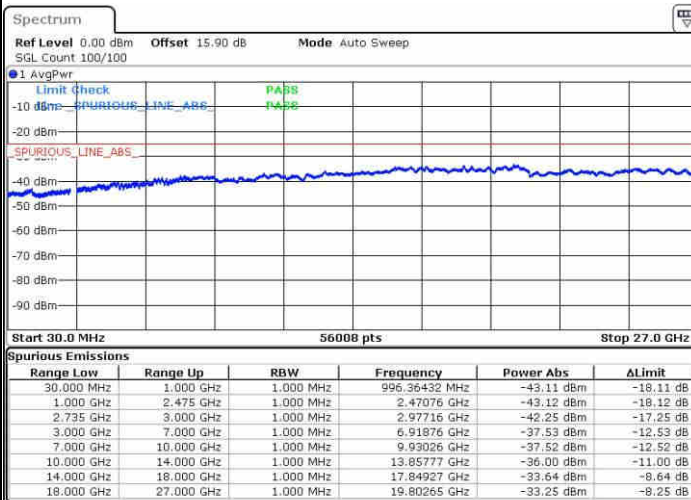


LTE Band 41 / 20MHz+20MHz

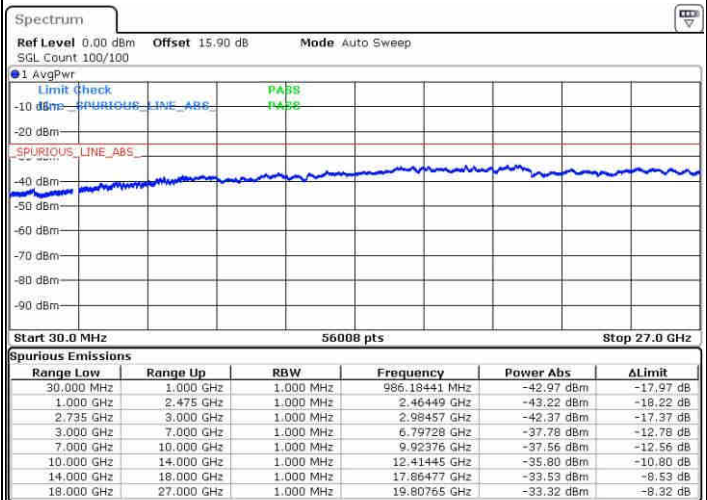
16QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



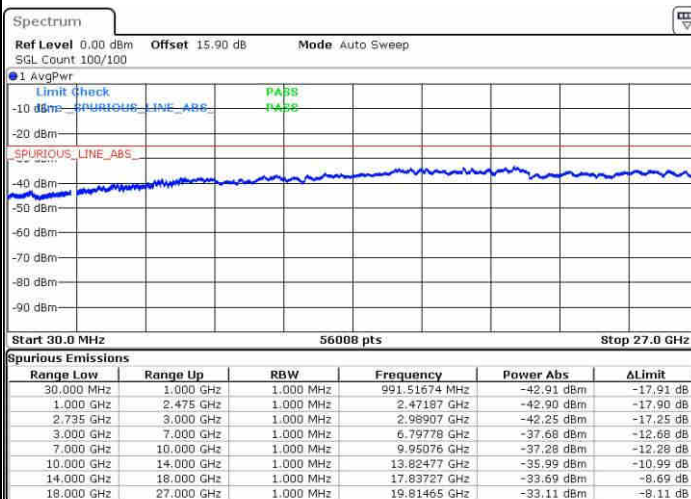
Date: 4 JUN 2019 01:40:14



Date: 4 JUN 2019 01:43:50

Middle Channel / FullIRB

N/A



Date: 4 JUN 2019 01:36:37

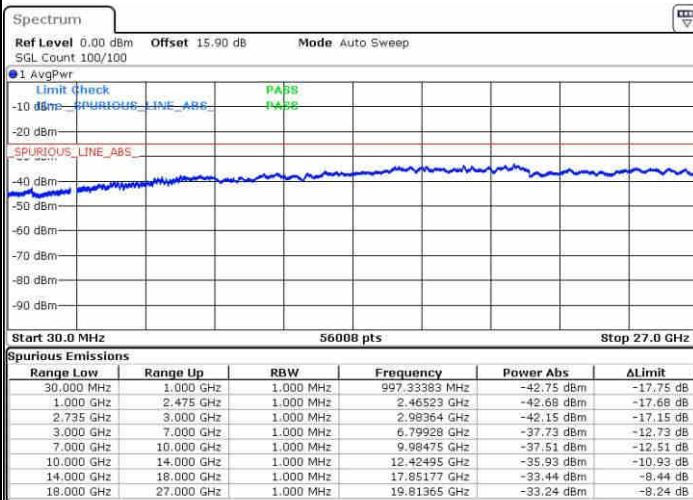


LTE Band 41 / 20MHz+20MHz

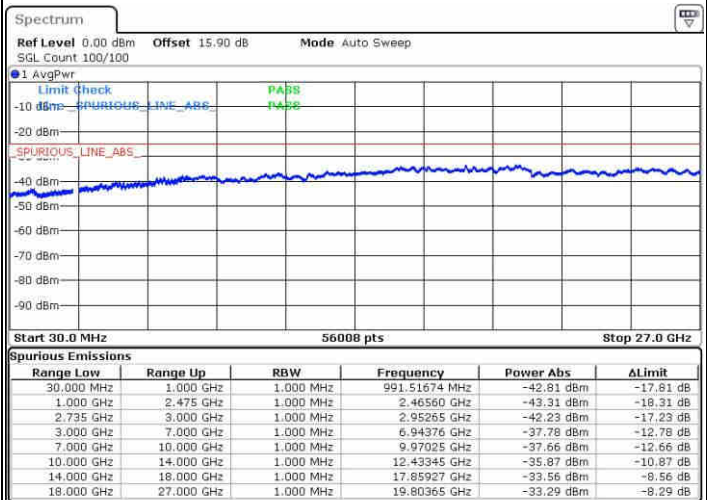
16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



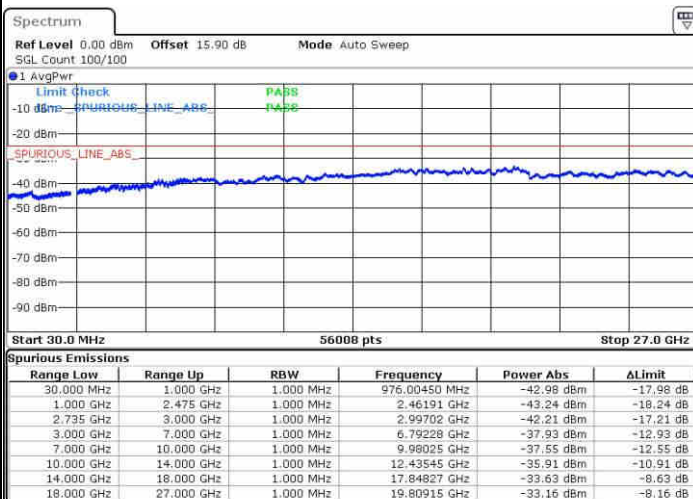
Date: 4 JUN 2019 02:10:00



Date: 4 JUN 2019 02:06:24

Highest Channel / FullIRB

N/A



Date: 4 JUN 2019 02:13:37

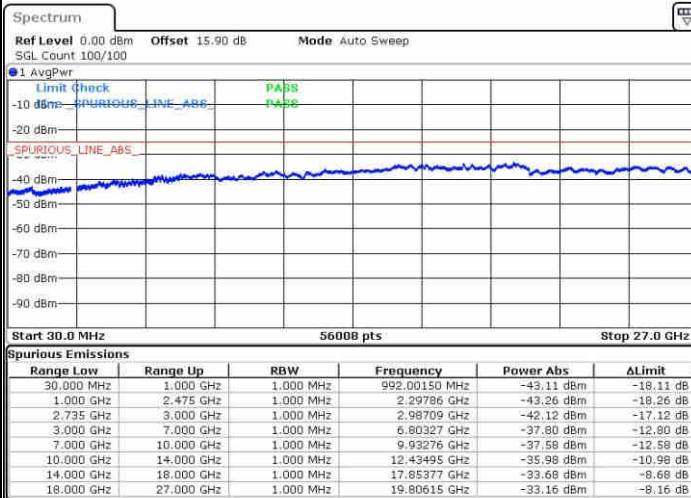


LTE Band 41 / 5MHz+20MHz

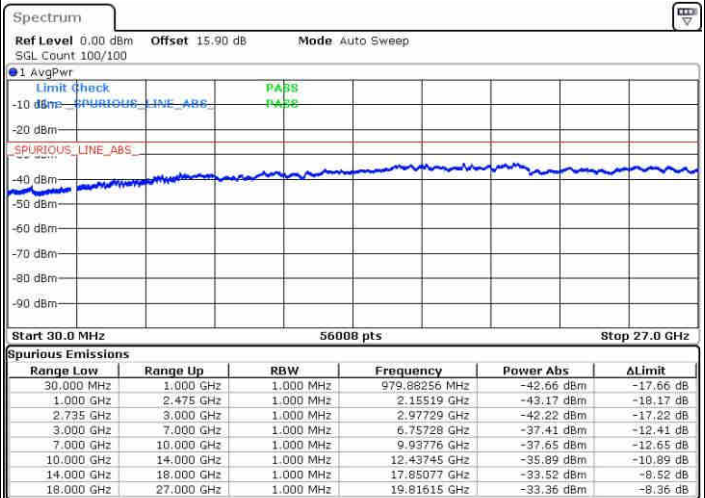
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



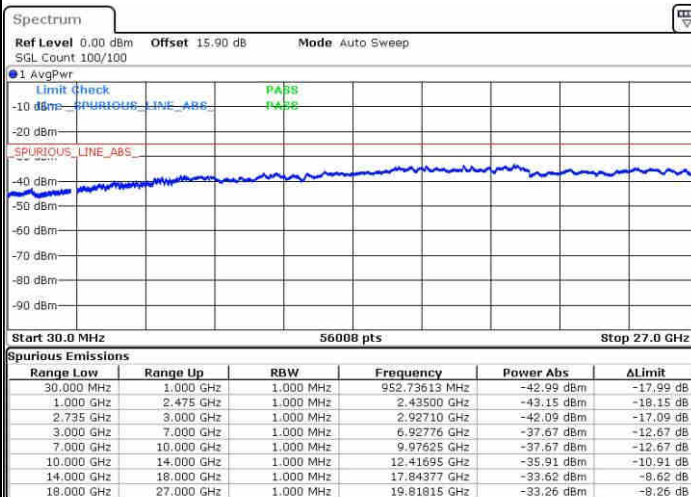
Date: 3 JUN 2019 20:39:42



Date: 3 JUN 2019 20:33:41

Lowest Channel / FullIRB

N/A



Date: 3 JUN 2019 20:40:55

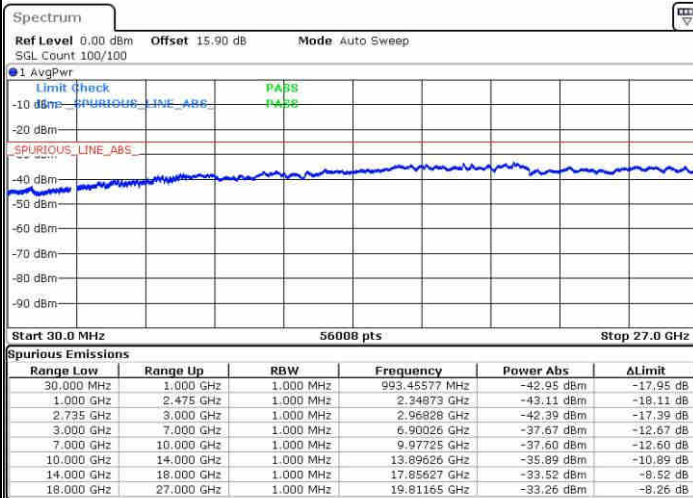


LTE Band 41 / 5MHz+20MHz

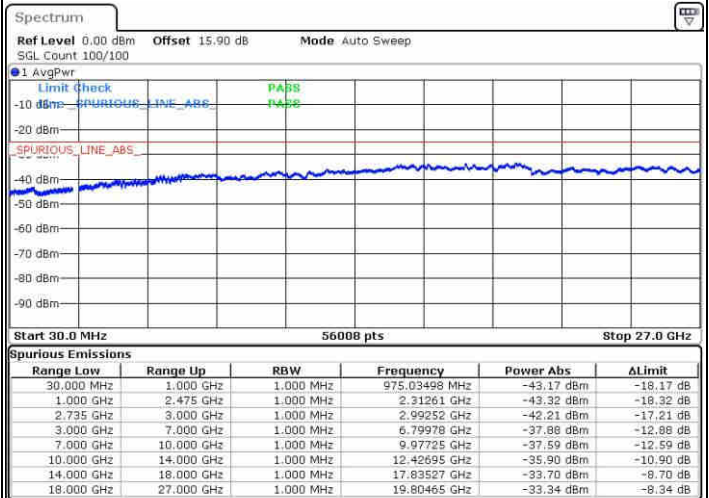
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



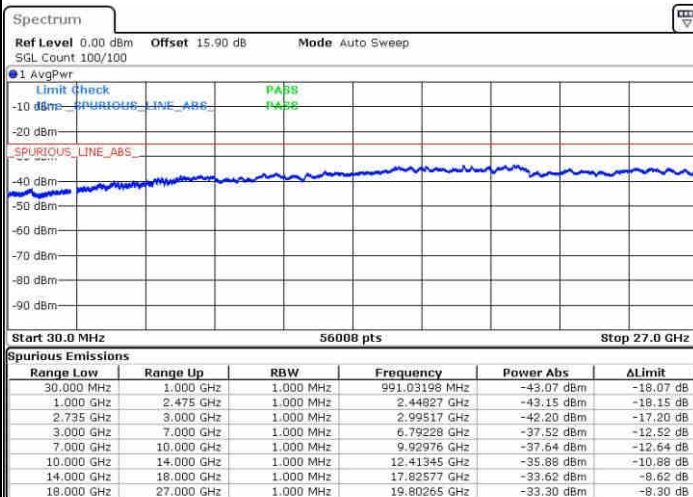
Date: 3 JUN 2019 23:14:19



Date: 3 JUN 2019 23:20:20

Middle Channel / FullIRB

N/A



Date: 3 JUN 2019 23:13:06

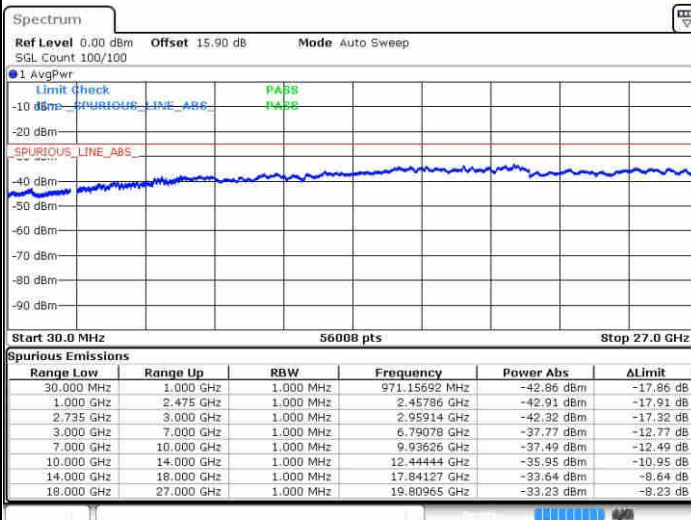


LTE Band 41 / 5MHz+20MHz

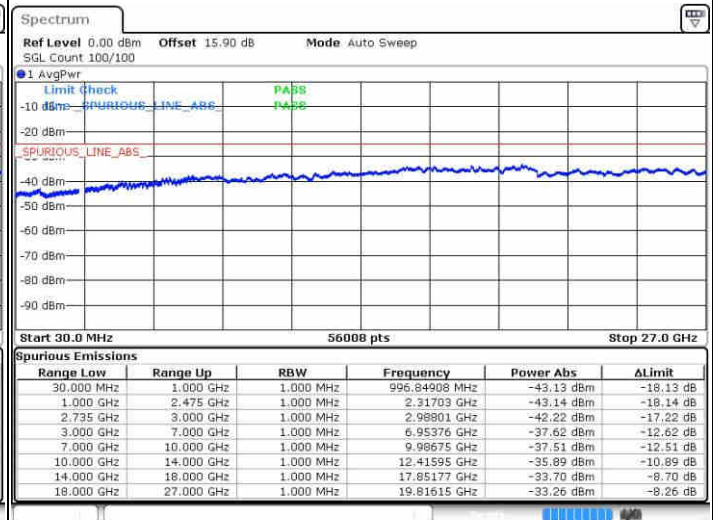
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



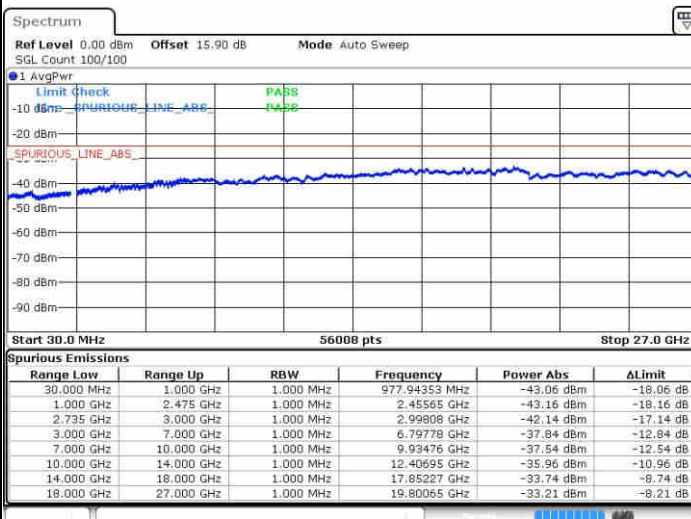
Date: 3 JUN 2019 21:29:16



Date: 3 JUN 2019 21:28:04

Highest Channel / FullIRB

N/A



Date: 3 JUN 2019 21:35:18

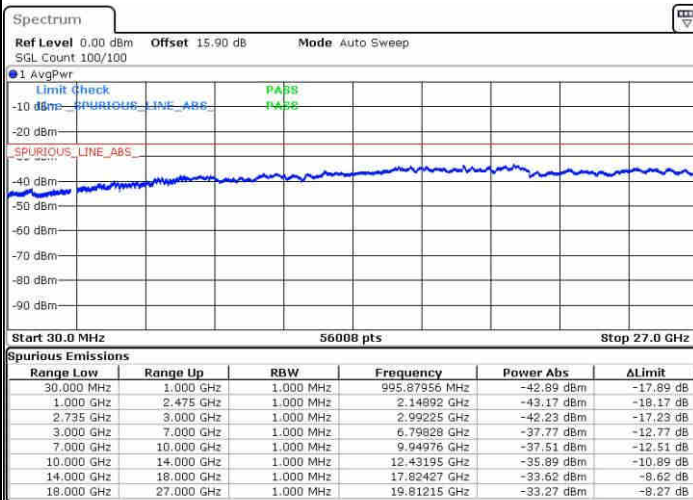


LTE Band 41 / 10MHz+15MHz

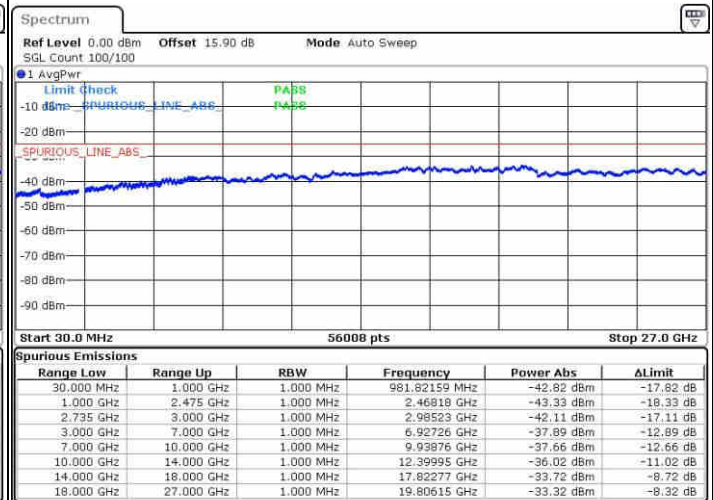
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB49 and 1RB0



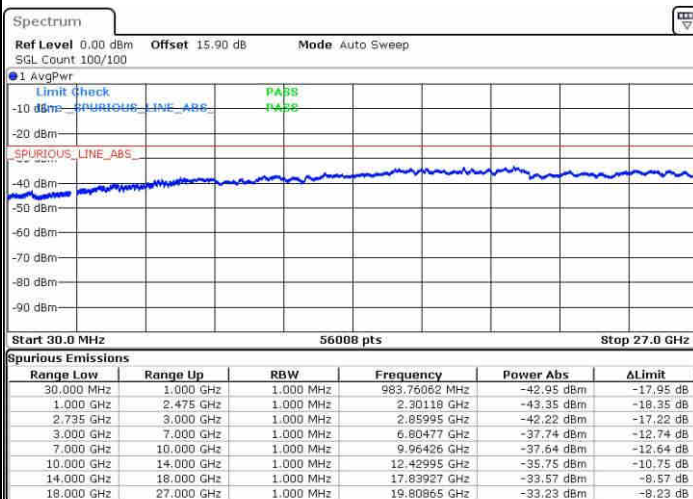
Date: 4 JUN 2019 00:17:02



Date: 4 JUN 2019 00:11:01

Lowest Channel / FullRB

N/A



Date: 4 JUN 2019 00:18:14

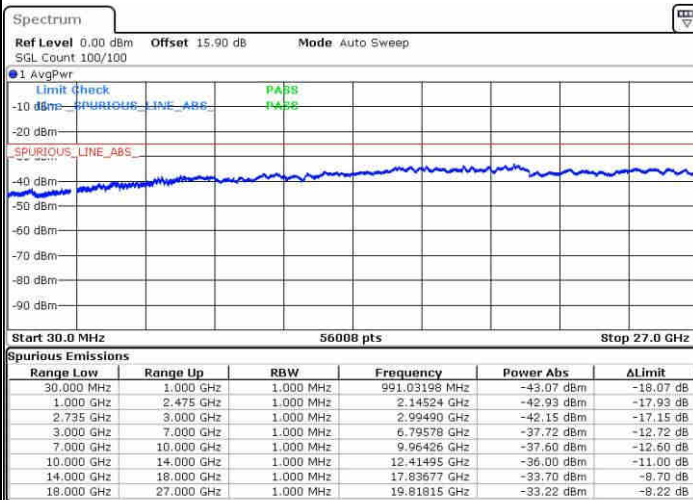


LTE Band 41 / 10MHz+15MHz

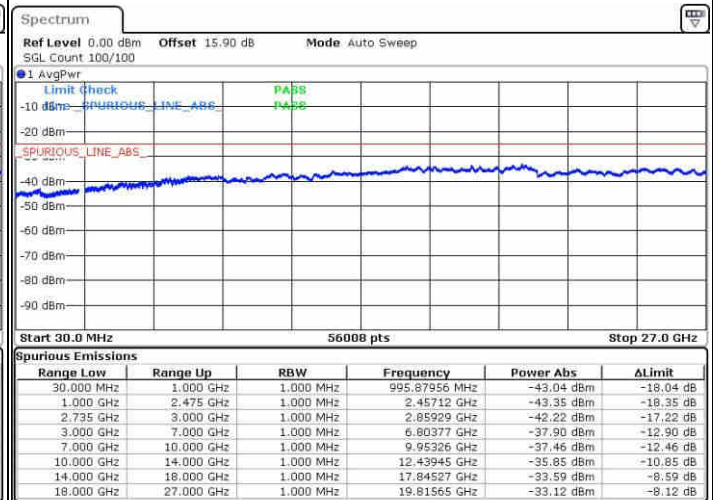
64QAM

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB49 and 1RB0



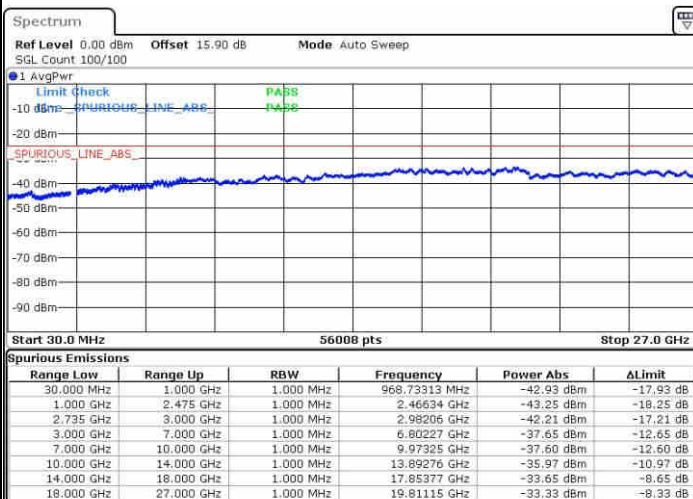
Date: 4 JUN 2019 00:28:56



Date: 4 JUN 2019 00:34:56

Middle Channel / FullIRB

N/A



Date: 4 JUN 2019 00:27:43

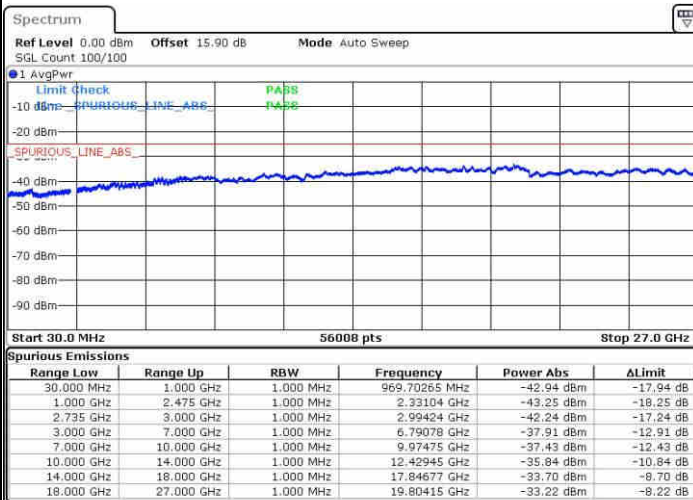


LTE Band 41 / 10MHz+15MHz

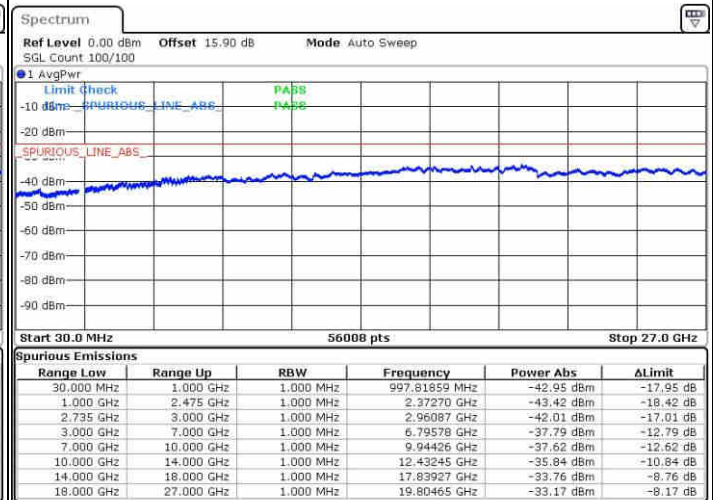
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB49 and 1RB0



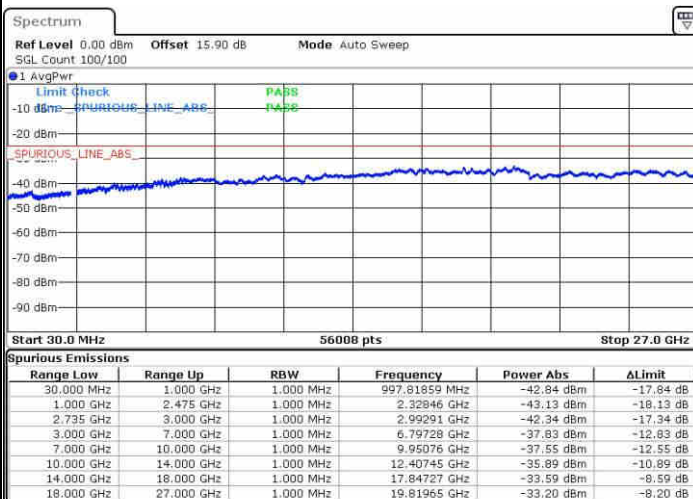
Date: 4 JUN 2019 00:51:10



Date: 4 JUN 2019 00:49:58

Highest Channel / FullIRB

N/A



Date: 4 JUN 2019 00:57:12

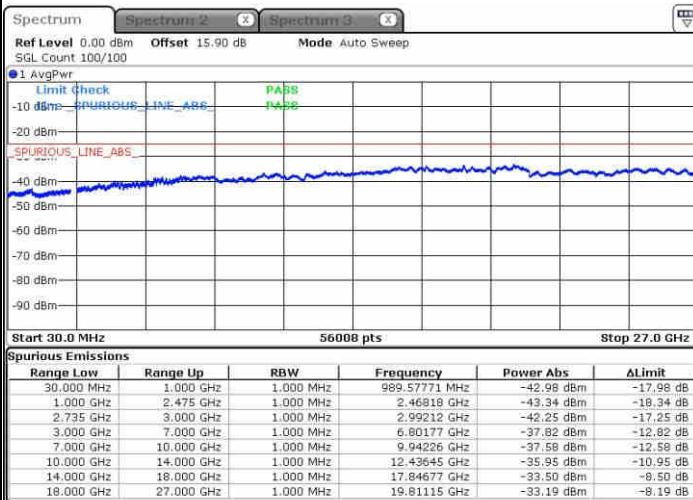


LTE Band 41 / 10MHz+20MHz

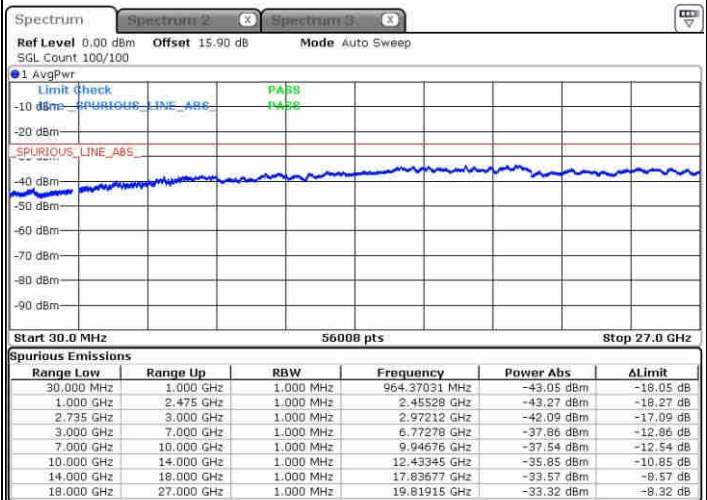
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



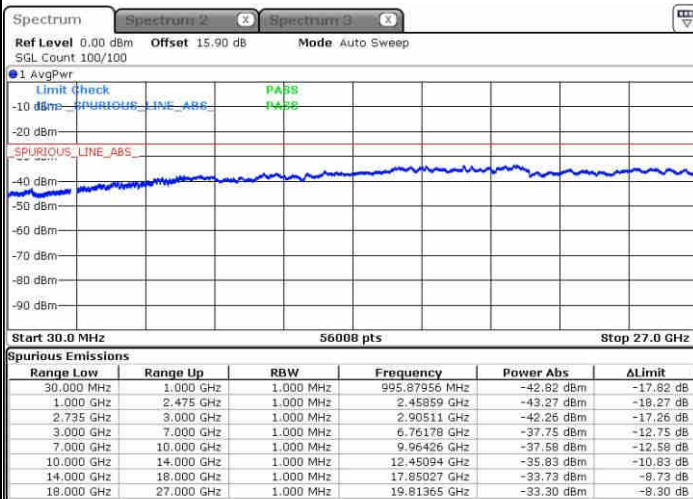
Date: 5 JUN 2019 02:14:58



Date: 5 JUN 2019 02:08:07

Lowest Channel / FullIRB

N/A



Date: 5 JUN 2019 02:16:21

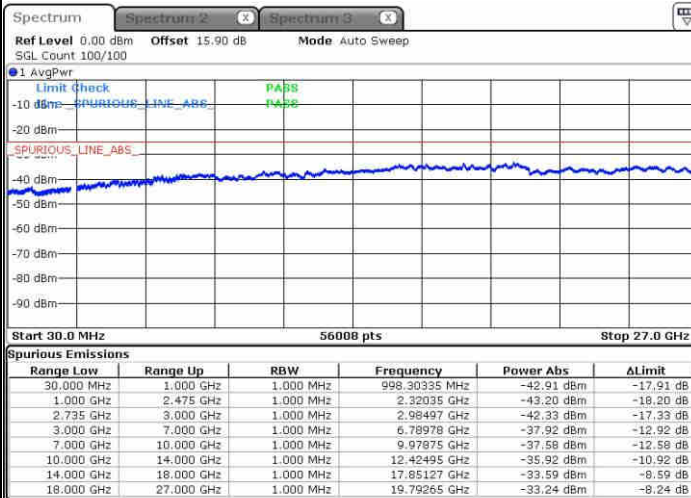


LTE Band 41 / 10MHz+20MHz

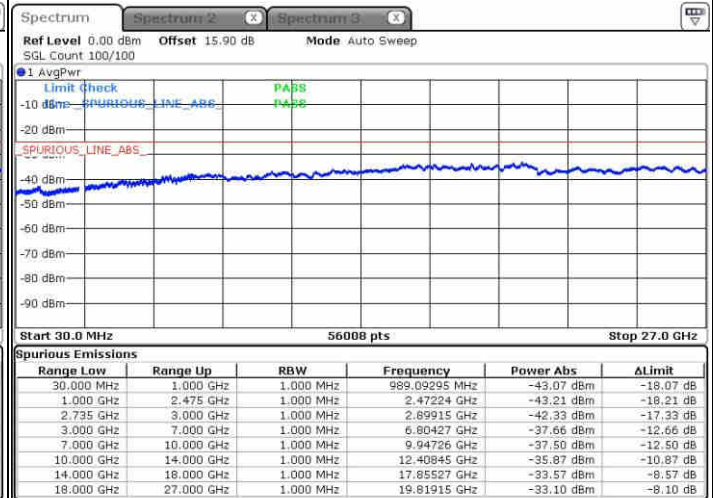
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



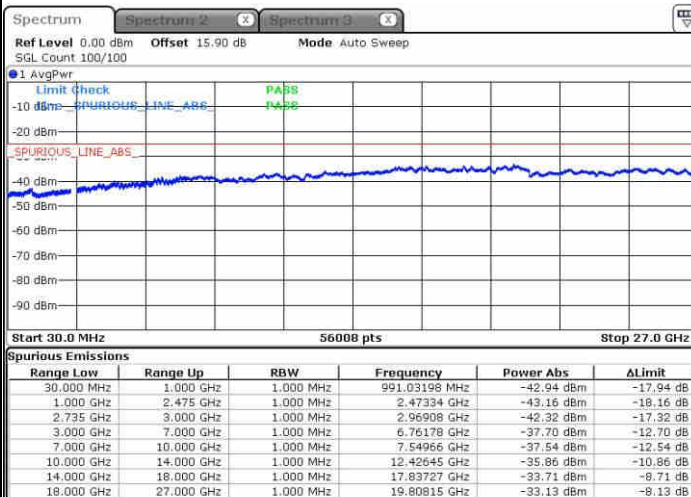
Date: 5 JUN 2019 02:51:06



Date: 5 JUN 2019 02:57:57

Middle Channel / FullIRB

N/A



Date: 5 JUN 2019 02:49:43

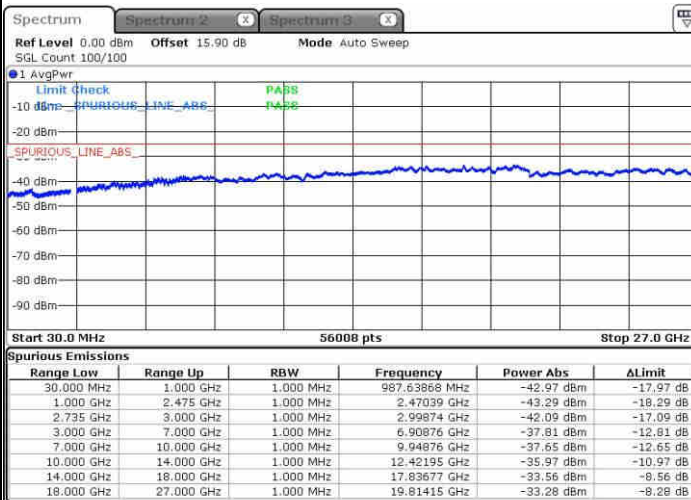


LTE Band 41 / 10MHz+20MHz

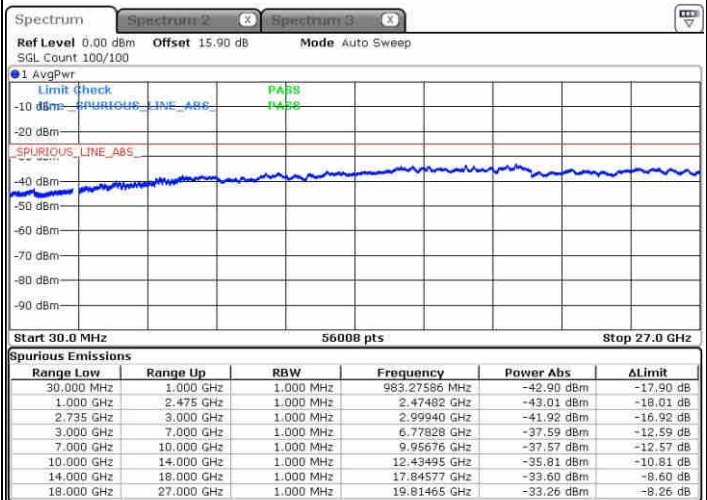
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



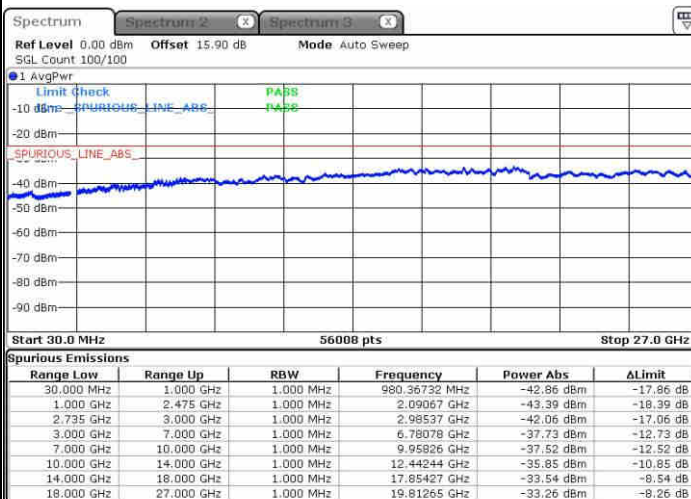
Date: 5 JUN 2019 03:20:59



Date: 5 JUN 2019 03:19:38

Highest Channel / FullIRB

N/A



Date: 5 JUN 2019 03:27:52

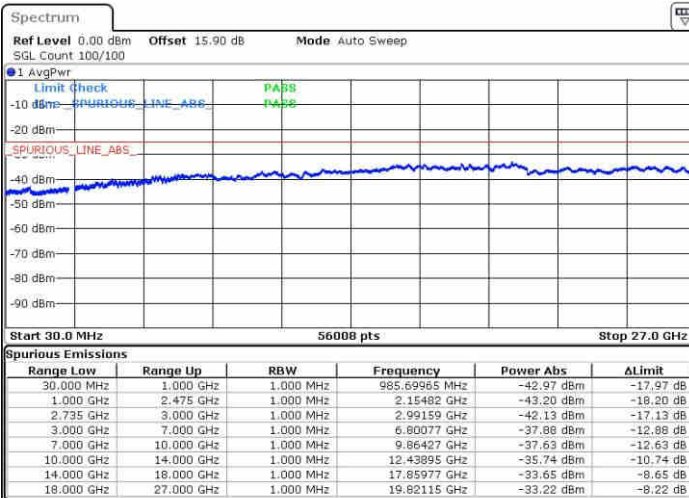


LTE Band 41 / 15MHz+10MHz

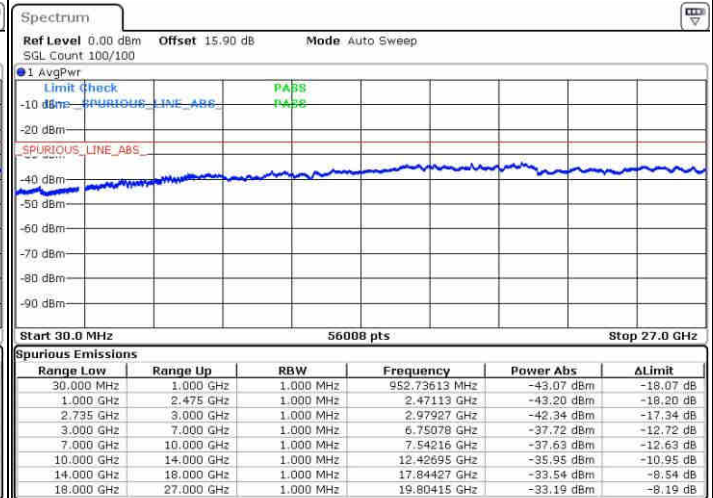
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0



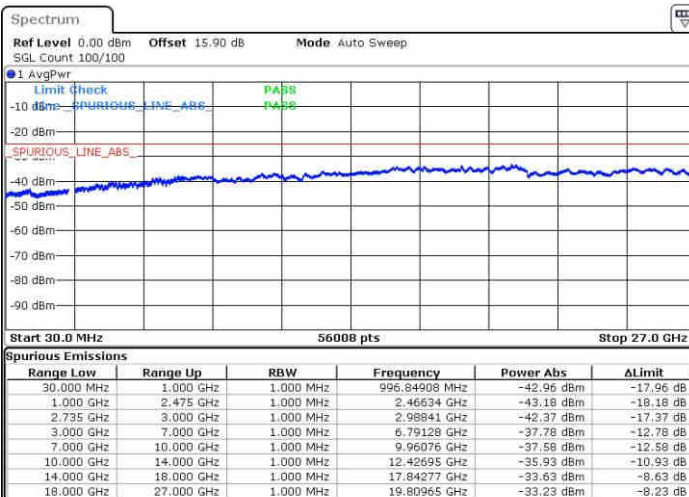
Date: 4 JUN 2019 15:54:04



Date: 4 JUN 2019 15:49:22

Lowest Channel / FullIRB

N/A



Date: 4 JUN 2019 15:55:01

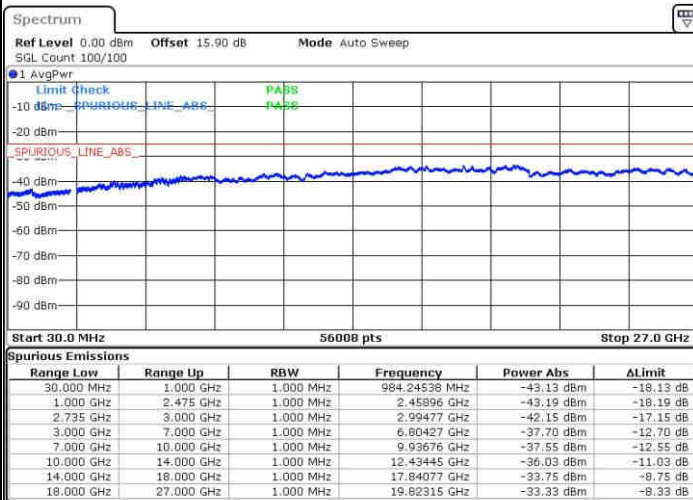


LTE Band 41 / 15MHz+10MHz

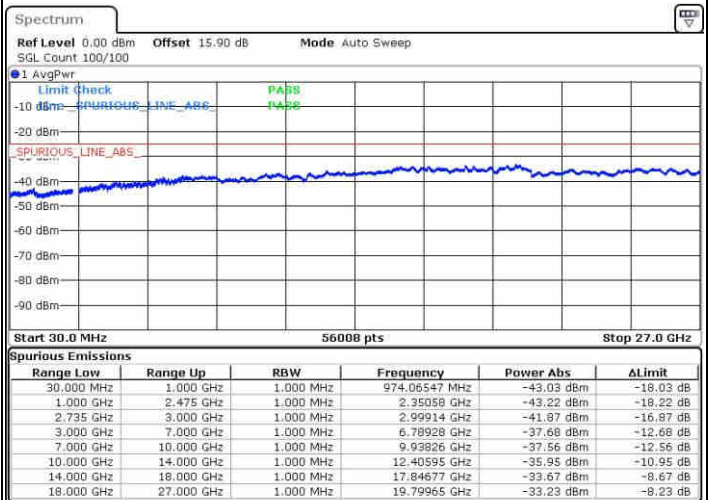
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



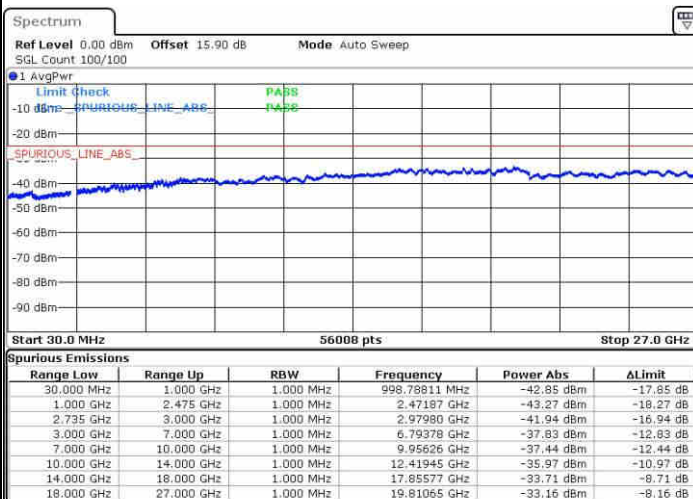
Date: 5 JUN 2019 09:44:39



Date: 5 JUN 2019 09:49:22

Middle Channel / FullIRB

N/A



Date: 5 JUN 2019 09:43:43

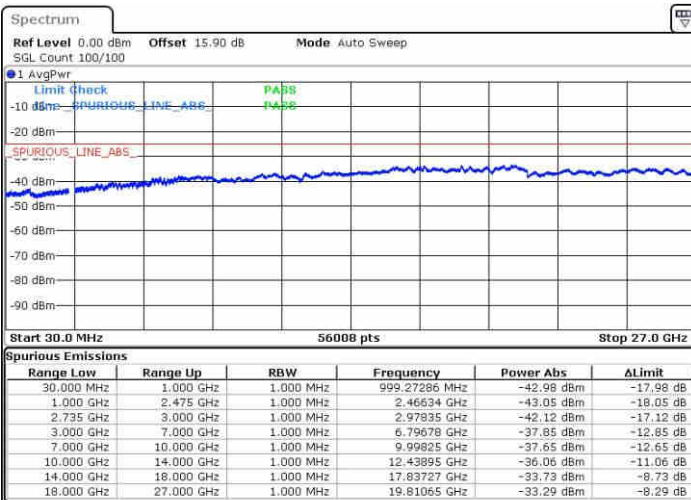


LTE Band 41 / 15MHz+10MHz

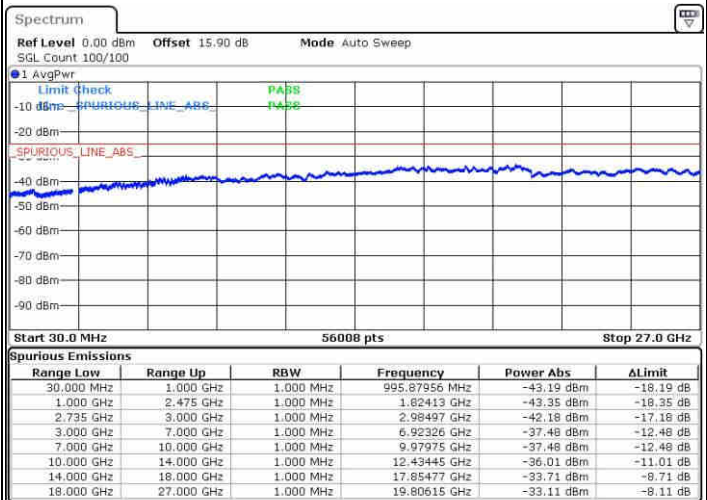
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



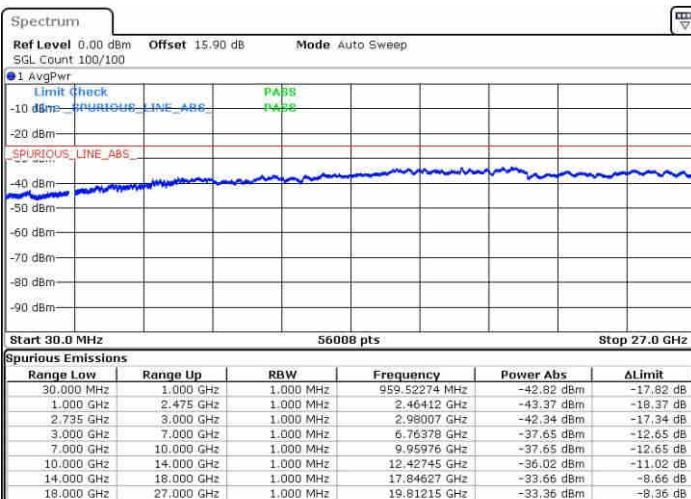
Date: 5 JUN 2019 09:58:42



Date: 5 JUN 2019 09:57:25

Highest Channel / FullIRB

N/A



Date: 5 JUN 2019 10:08:17

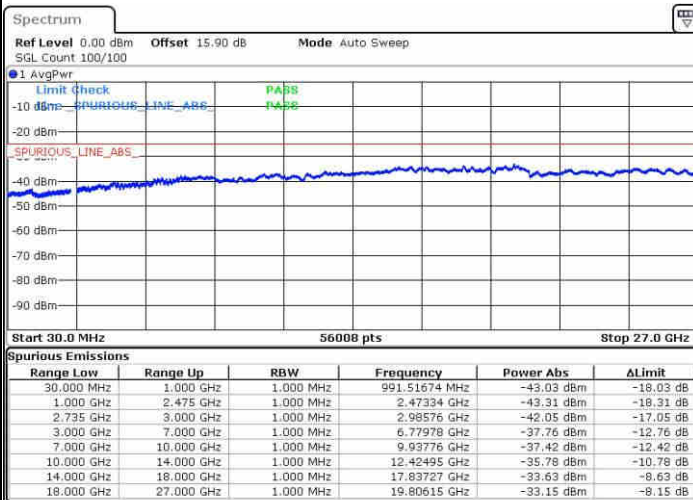


LTE Band 41 / 15MHz+15MHz

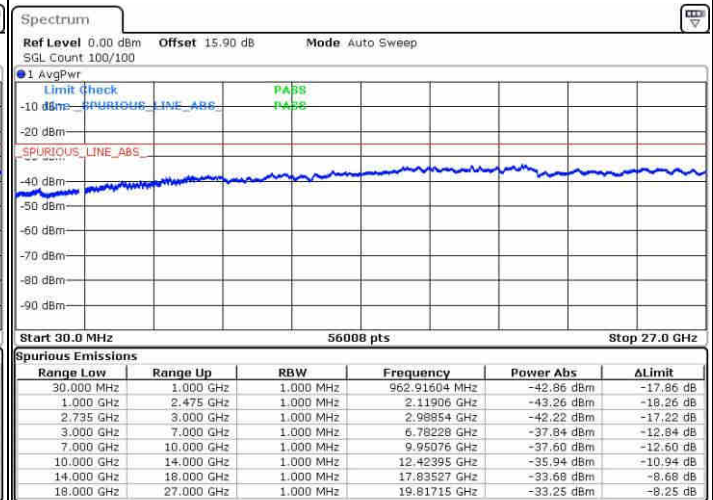
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



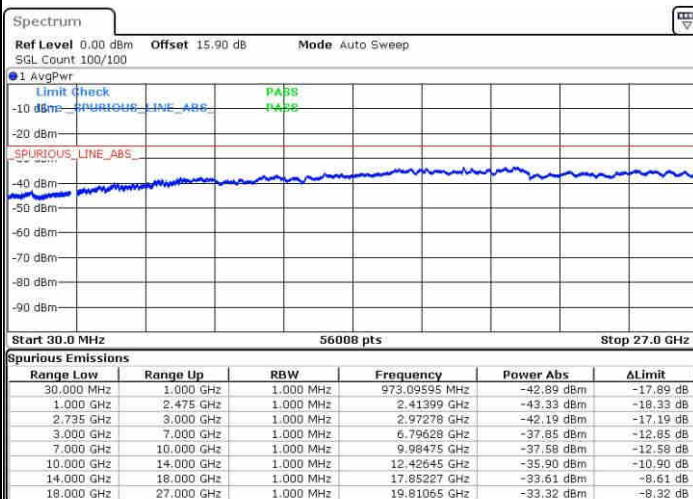
Date: 4 JUN 2019 11:38:34



Date: 4 JUN 2019 11:33:48

Lowest Channel / FullIRB

N/A



Date: 4 JUN 2019 11:39:32

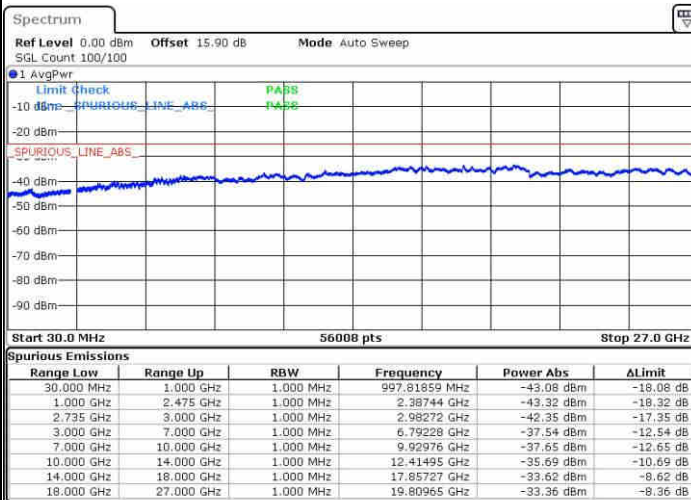


LTE Band 41 / 15MHz+15MHz

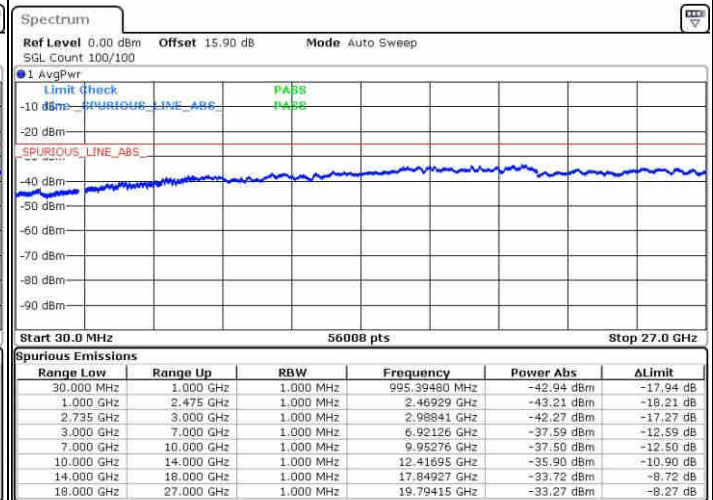
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



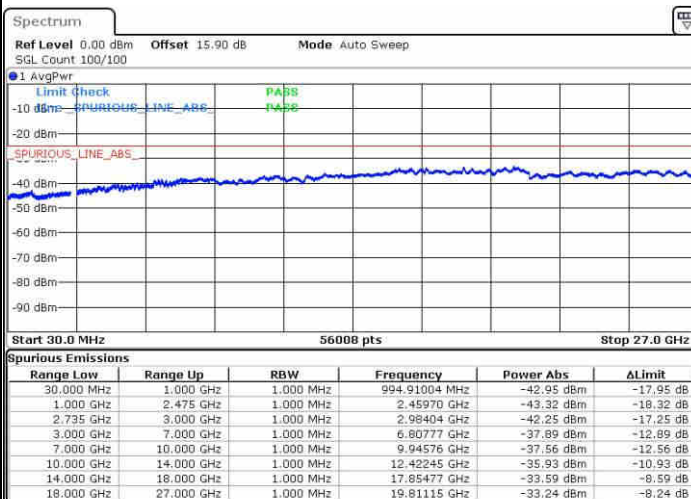
Date: 4 JUN 2019 11:50:52



Date: 4 JUN 2019 11:55:38

Middle Channel / FullIRB

N/A



Date: 4 JUN 2019 11:49:54

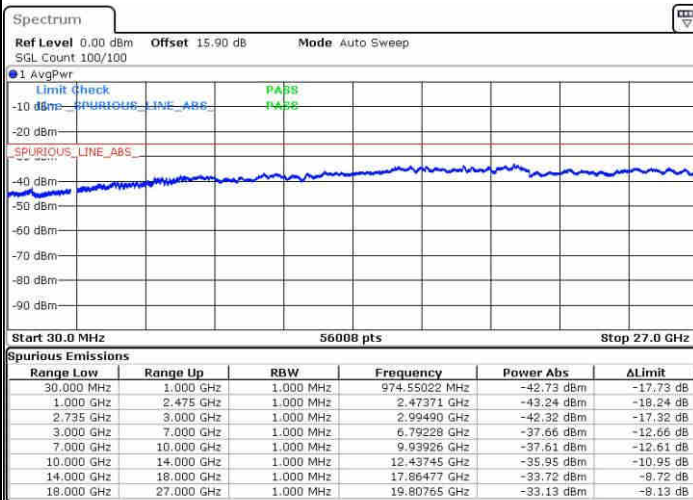


LTE Band 41 / 15MHz+15MHz

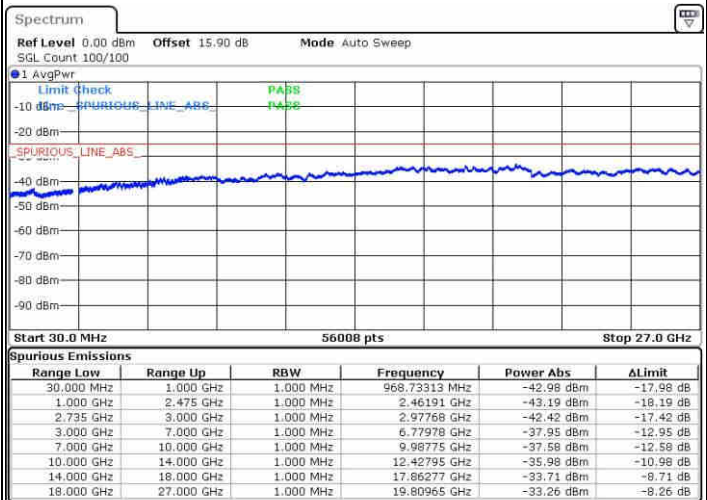
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



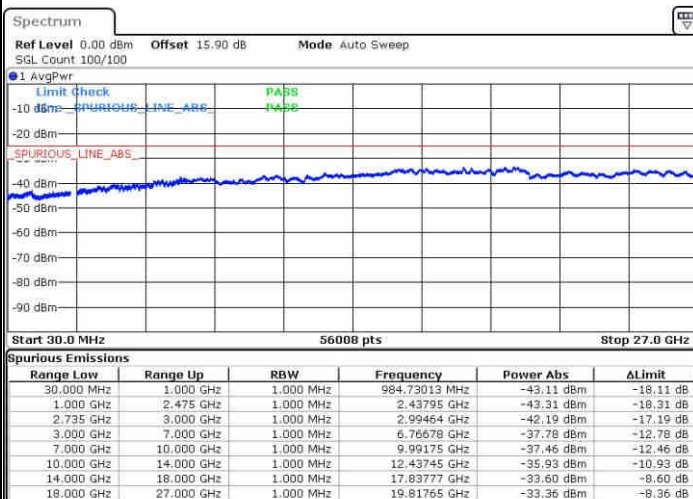
Date: 4 JUN 2019 12:17:11



Date: 4 JUN 2019 12:16:14

Highest Channel / FullIRB

N/A



Date: 4 JUN 2019 12:21:58

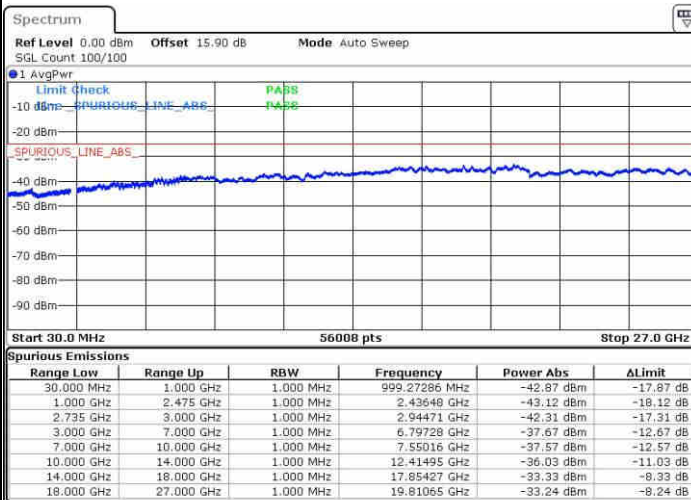


LTE Band 41 / 15MHz+20MHz

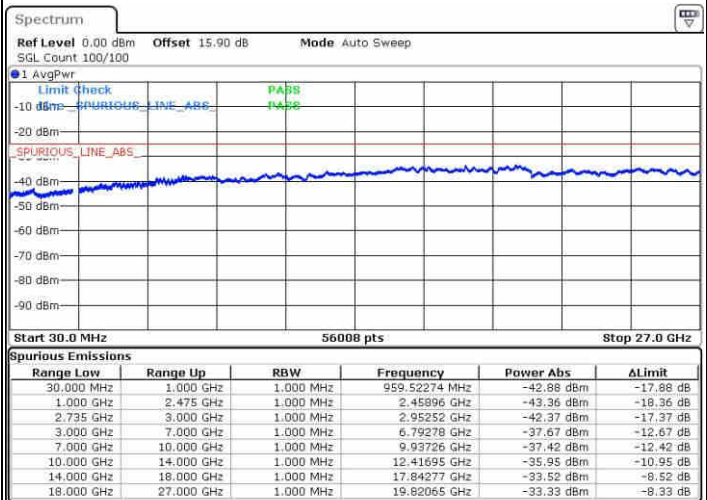
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



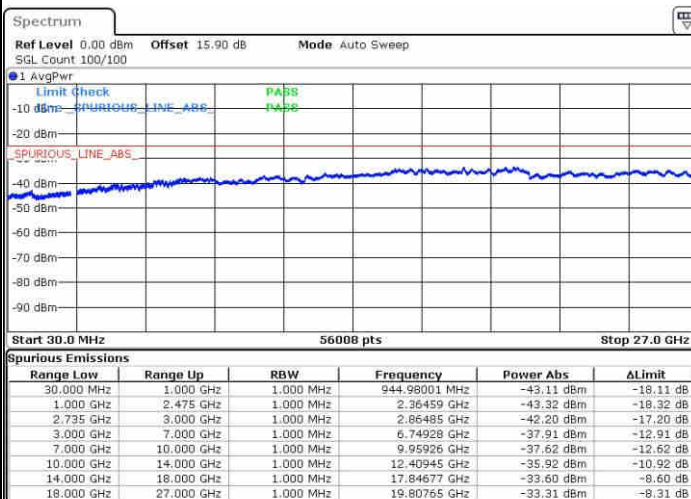
Date: 4 JUN 2019 14:47:40



Date: 4 JUN 2019 14:42:57

Lowest Channel / FullIRB

N/A



Date: 4 JUN 2019 14:48:37

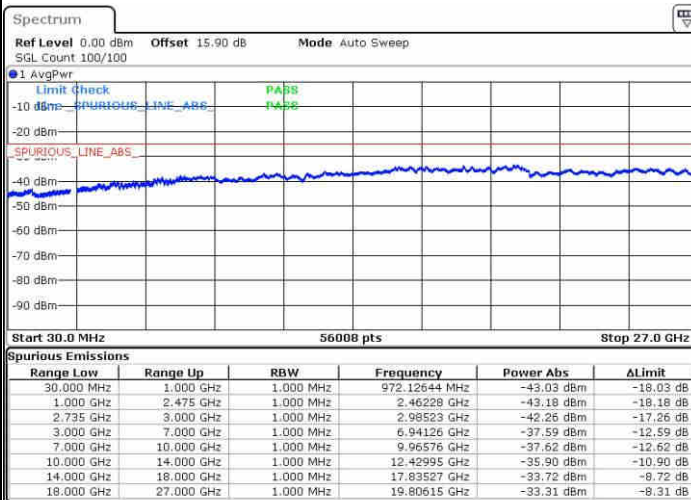


LTE Band 41 / 15MHz+20MHz

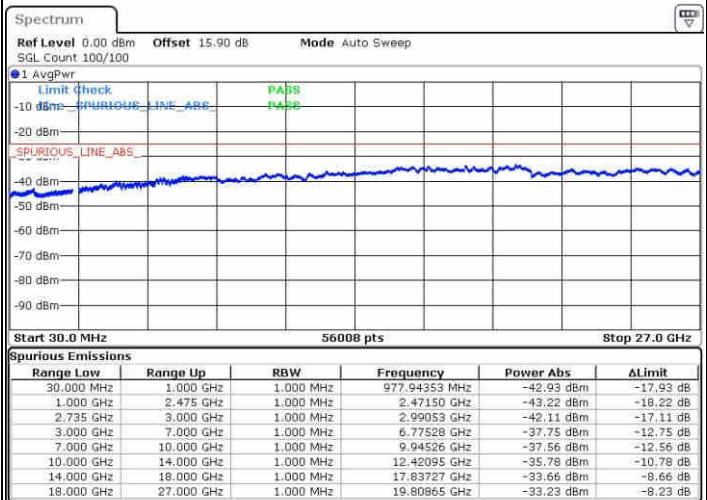
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



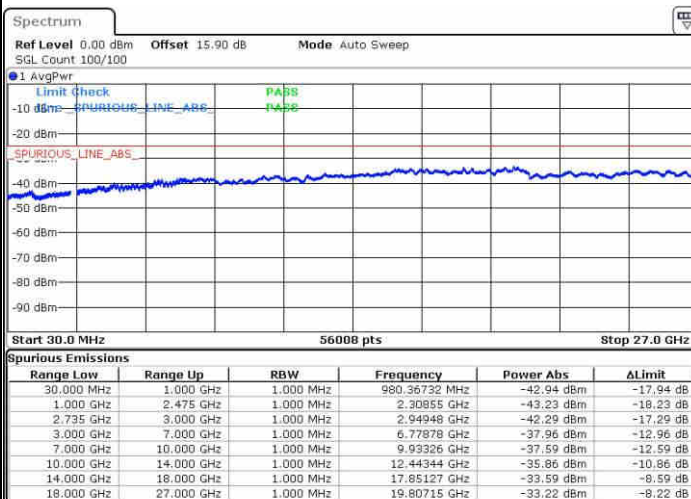
Date: 4 JUN 2019 14:56:32



Date: 4 JUN 2019 15:01:15

Middle Channel / FullIRB

N/A



Date: 4 JUN 2019 14:55:36

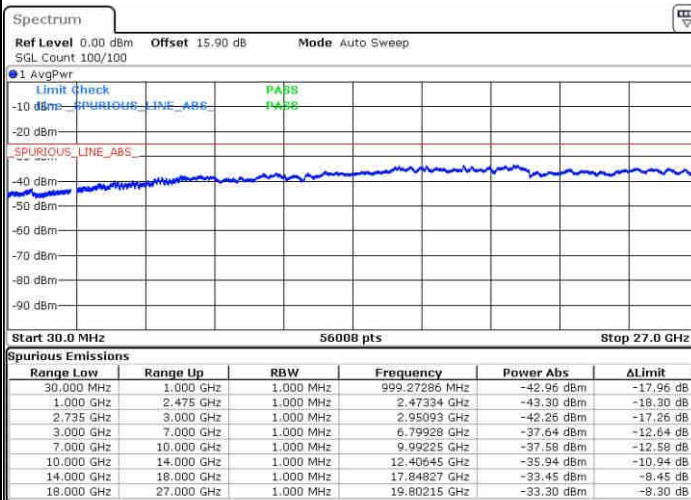


LTE Band 41 / 15MHz+20MHz

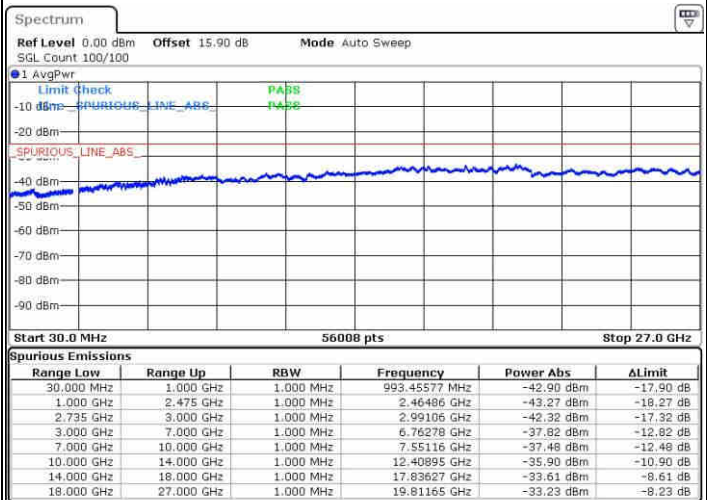
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



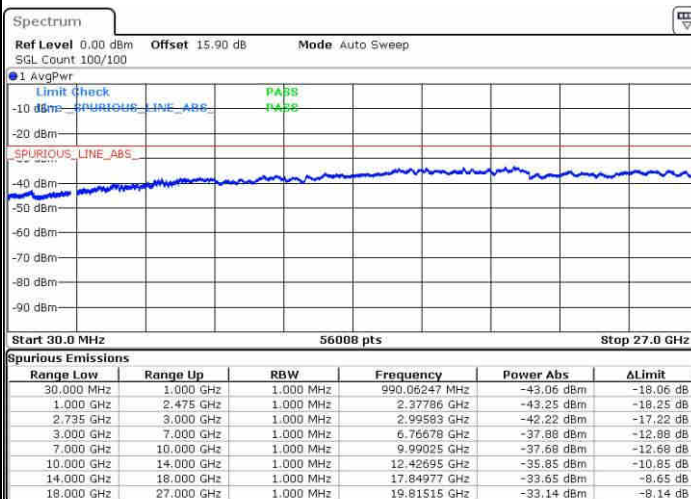
Date: 4 JUN 2019 15:32:48



Date: 4 JUN 2019 15:31:51

Highest Channel / FullIRB

N/A



Date: 4 JUN 2019 15:37:31

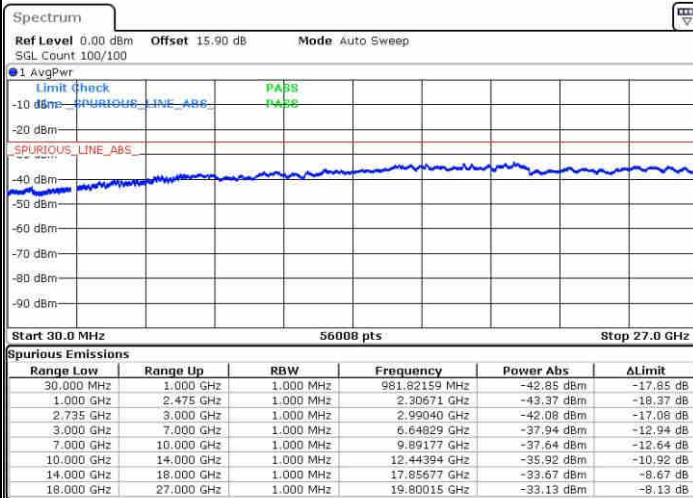


LTE Band 41 / 20MHz+5MHz

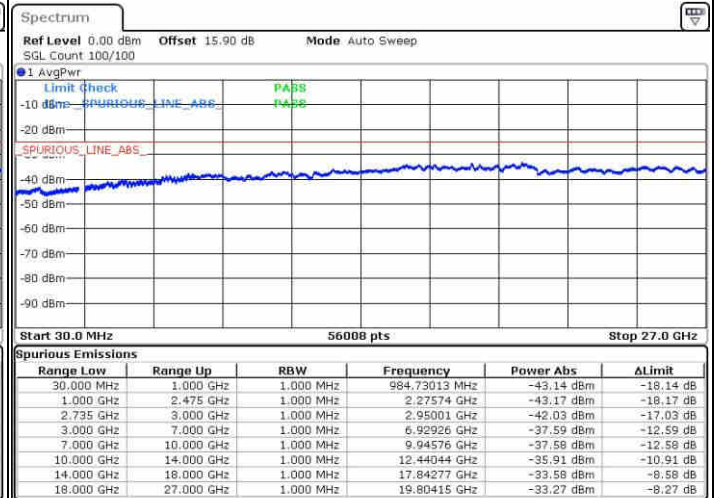
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



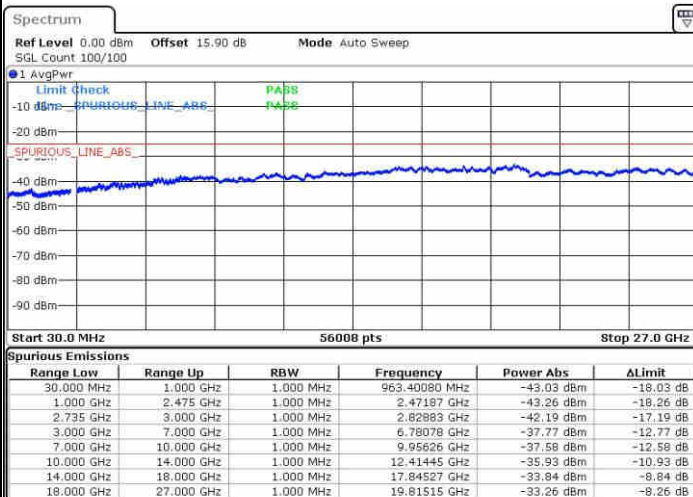
Date: 3 JUN 2019 23:03:59



Date: 3 JUN 2019 22:57:58

Lowest Channel / FullIRB

N/A



Date: 3 JUN 2019 23:05:12

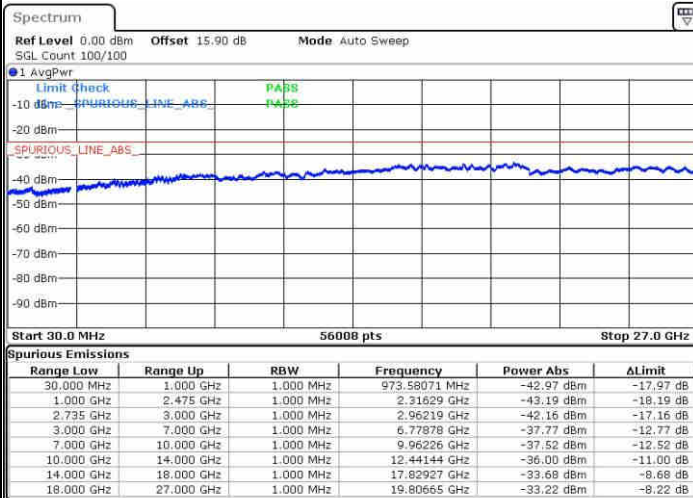


LTE Band 41 / 20MHz+5MHz

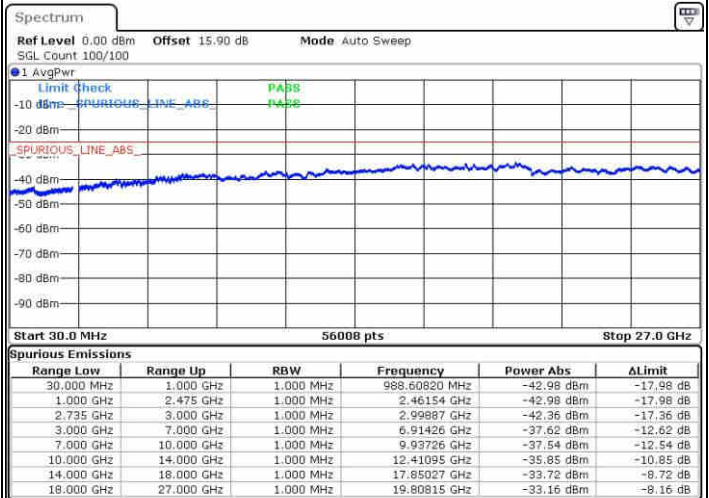
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



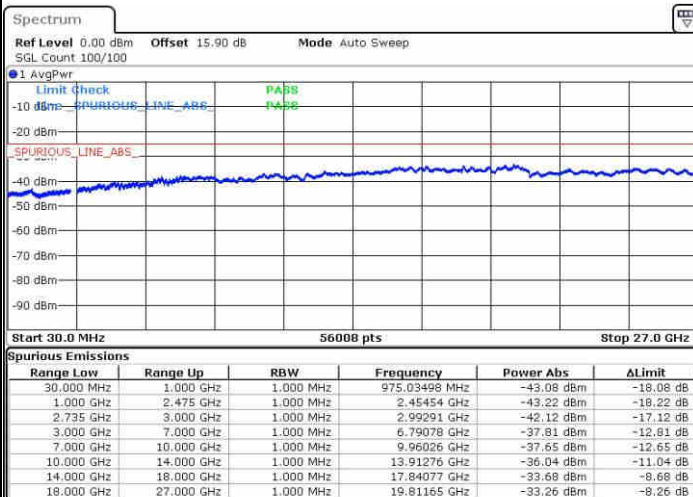
Date: 3 JUN 2019 23:29:54



Date: 3 JUN 2019 23:35:55

Middle Channel / FullIRB

N/A



Date: 3 JUN 2019 23:28:41

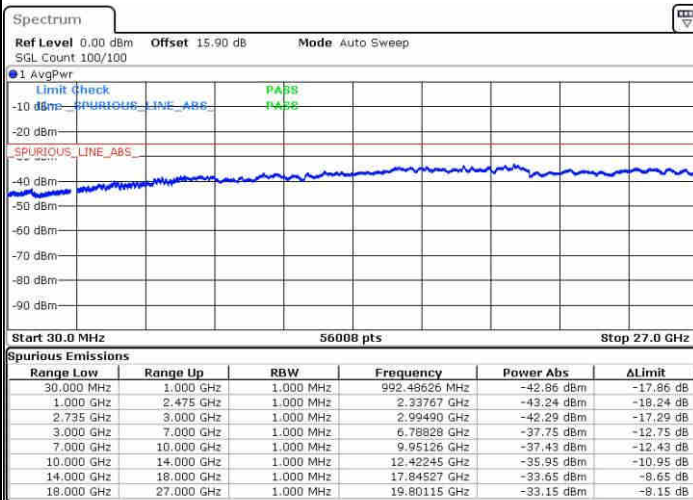


LTE Band 41 / 20MHz+5MHz

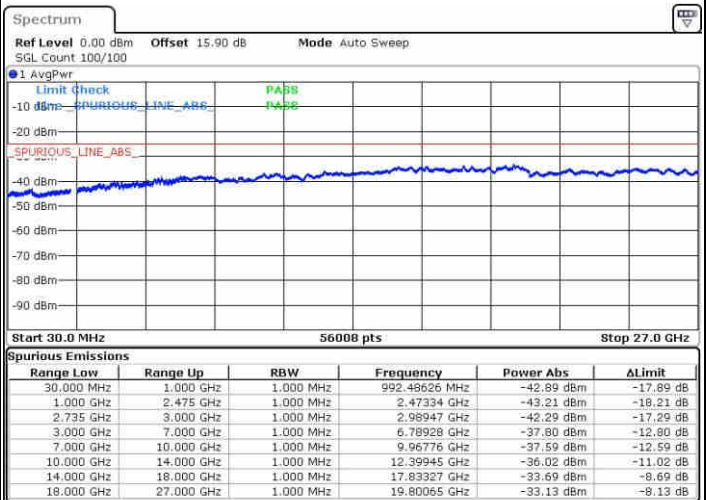
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



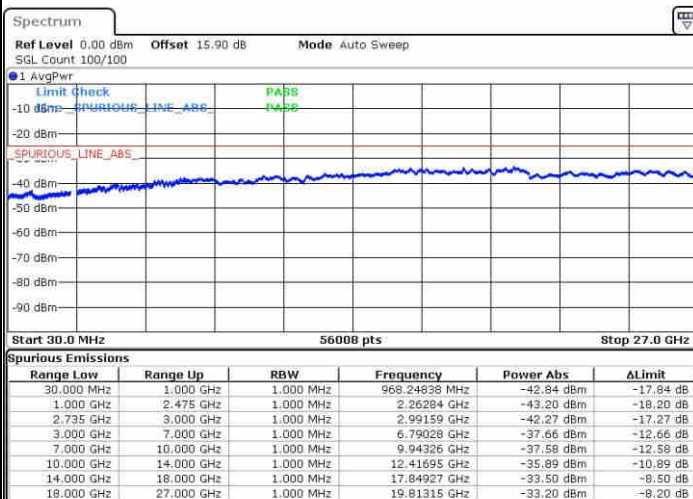
Date: 3 JUN 2019 23:51:19



Date: 3 JUN 2019 23:50:07

Highest Channel / FullIRB

N/A



Date: 3 JUN 2019 23:57:21

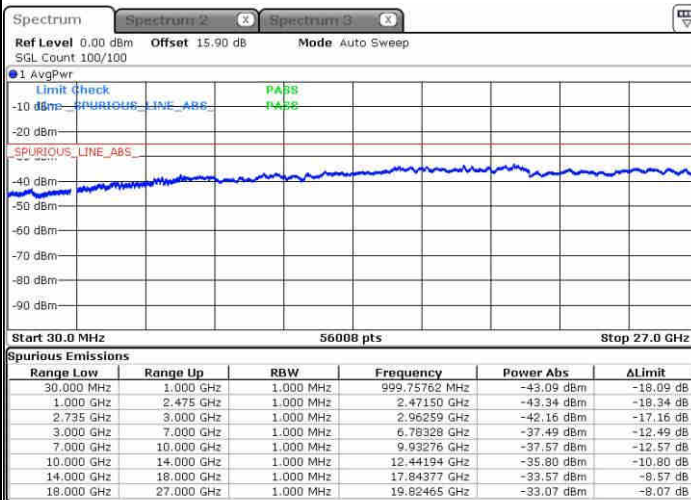


LTE Band 41 / 20MHz+10MHz

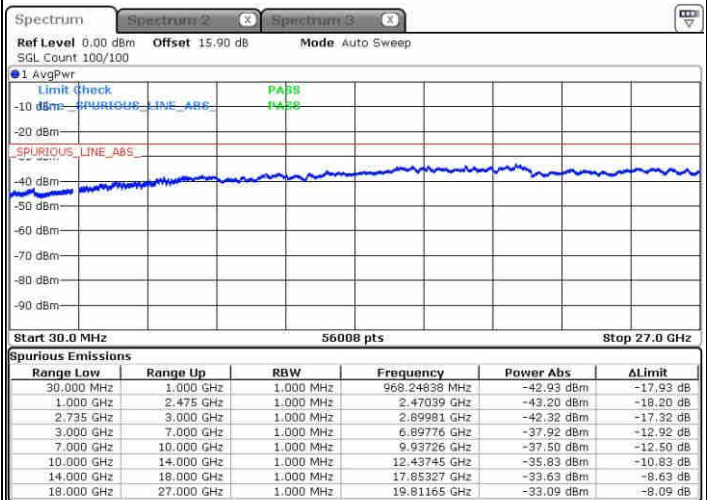
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



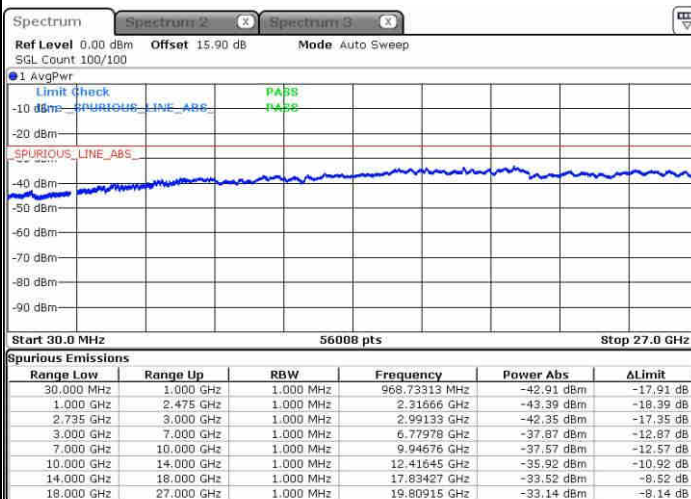
Date: 5 JUN 2019 00:01:29



Date: 4 JUN 2019 23:56:43

Lowest Channel / FullIRB

N/A



Date: 5 JUN 2019 00:09:56

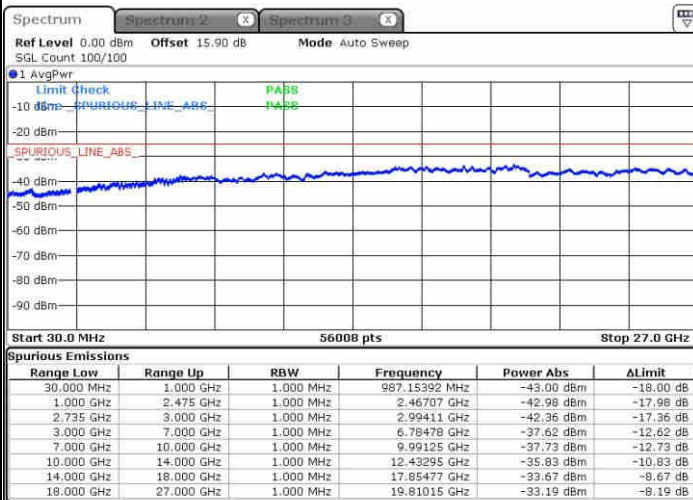


LTE Band 41 / 20MHz+10MHz

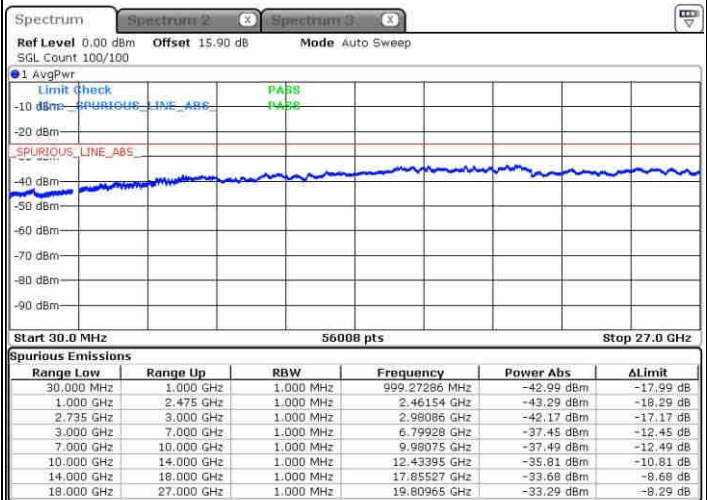
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



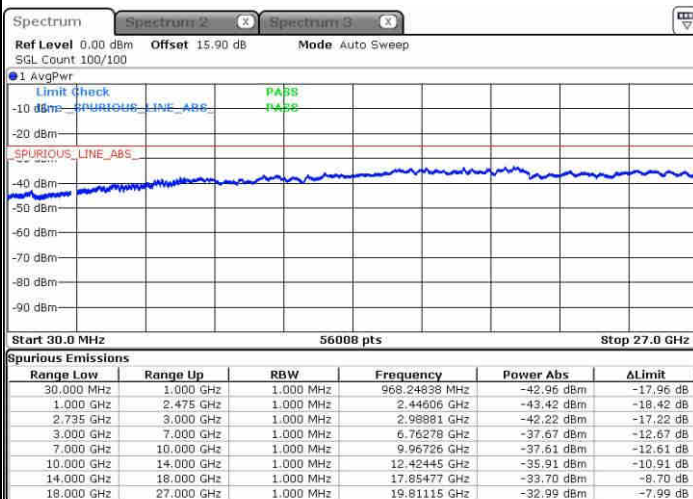
Date: 5 JUN 2019 00:16:50



Date: 5 JUN 2019 00:21:36

Middle Channel / FullIRB

N/A



Date: 5 JUN 2019 00:15:53

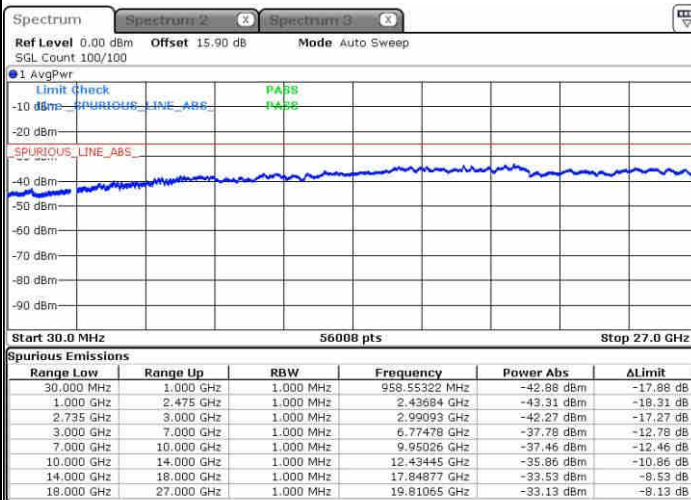


LTE Band 41 / 20MHz+10MHz

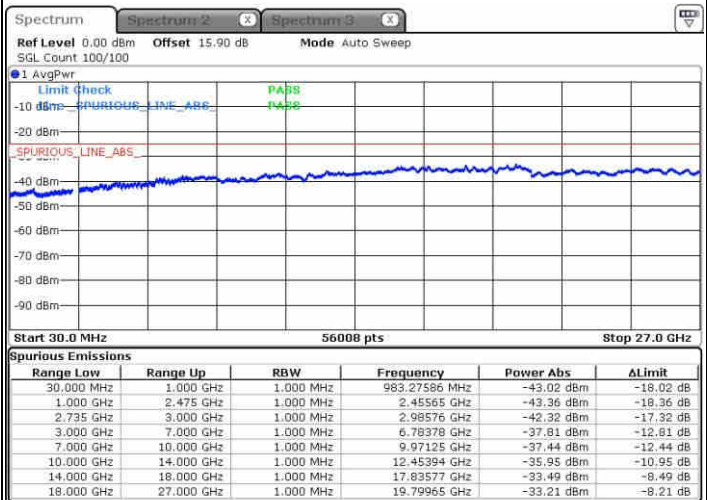
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



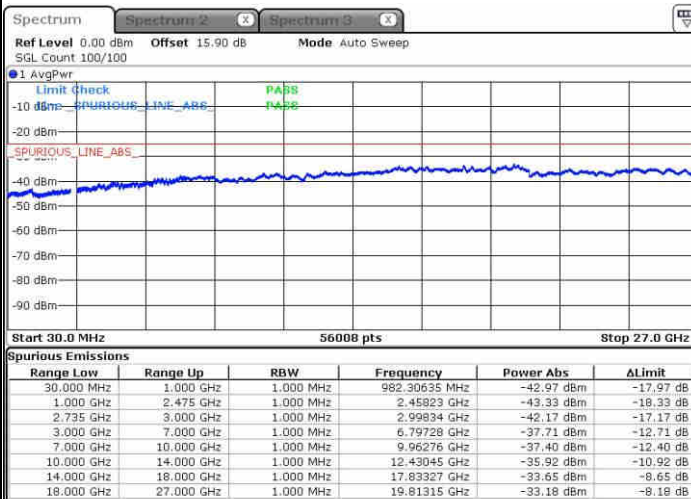
Date: 5 JUN 2019 00:26:42



Date: 5 JUN 2019 00:25:46

Highest Channel / FullIRB

N/A



Date: 5 JUN 2019 00:31:30

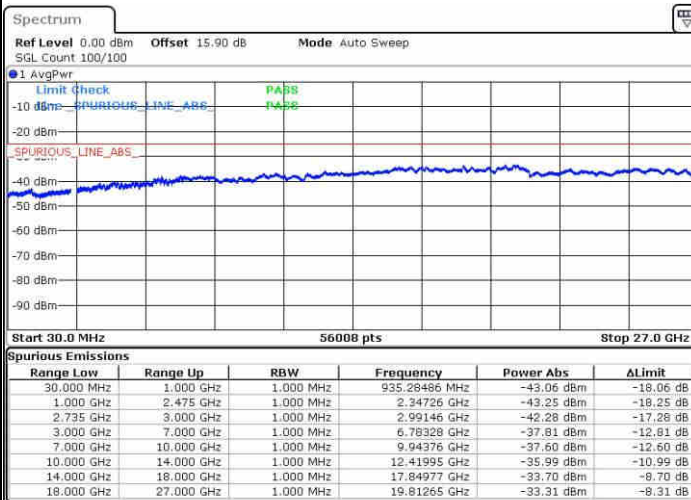


LTE Band 41 / 20MHz+15MHz

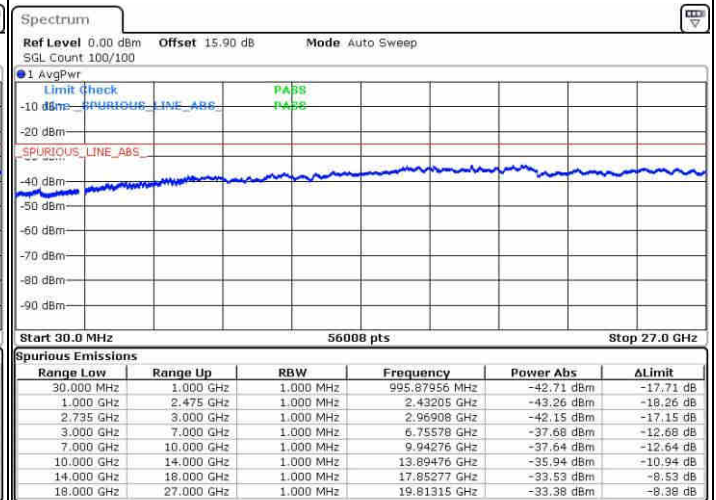
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



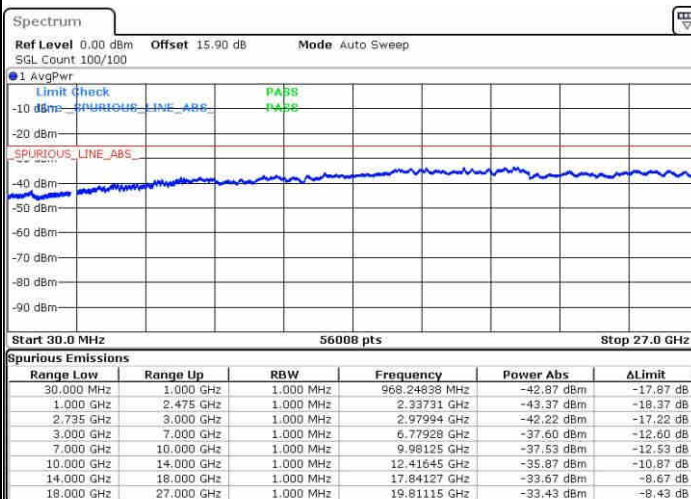
Date: 4 JUN 2019 11:06:49



Date: 4 JUN 2019 11:02:02

Lowest Channel / FullRB

N/A



Date: 4 JUN 2019 11:07:47

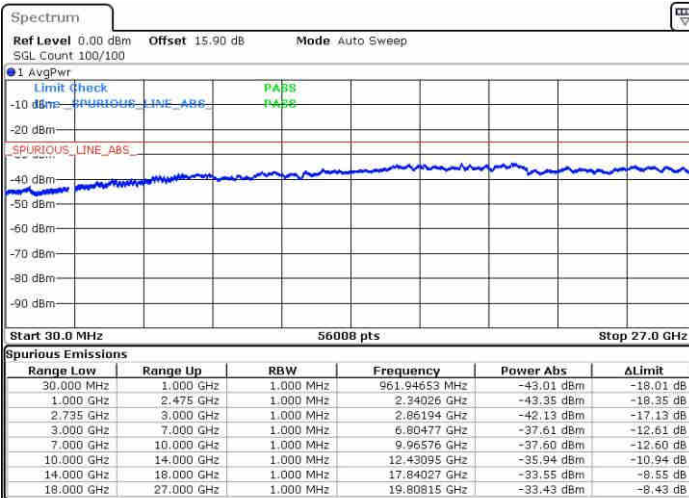


LTE Band 41 / 20MHz+15MHz

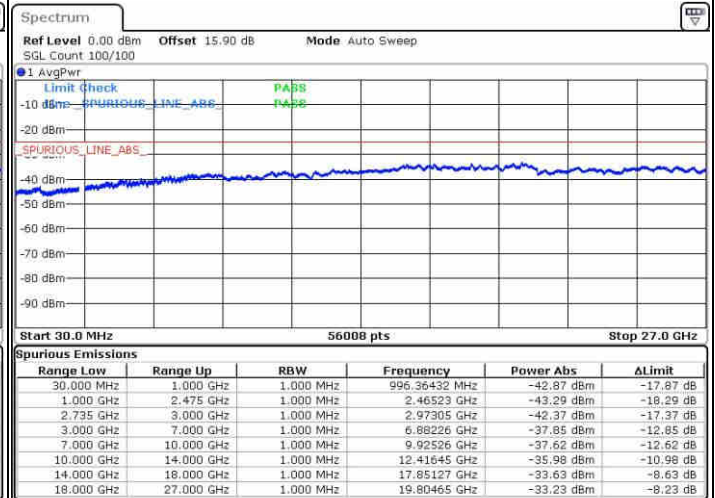
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



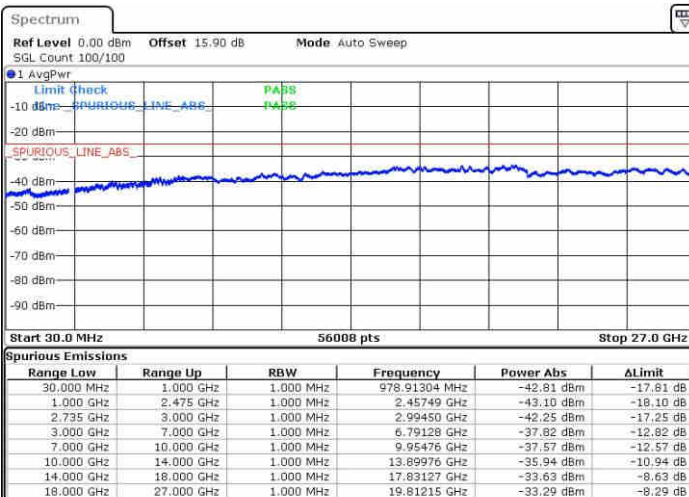
Date: 5 JUN 2019 09:33:52



Date: 5 JUN 2019 09:38:34

Middle Channel / FullIRB

N/A



Date: 5 JUN 2019 09:32:55

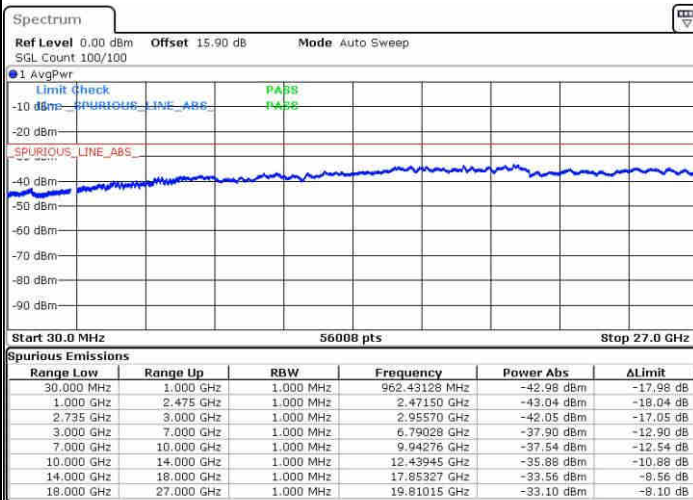


LTE Band 41 / 20MHz+15MHz

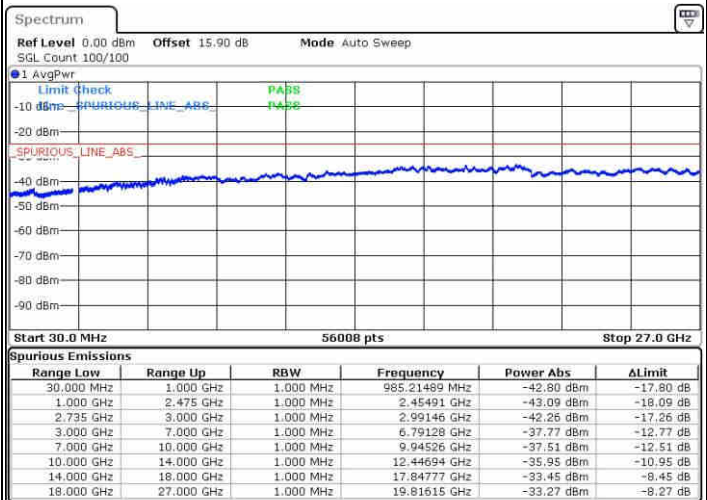
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



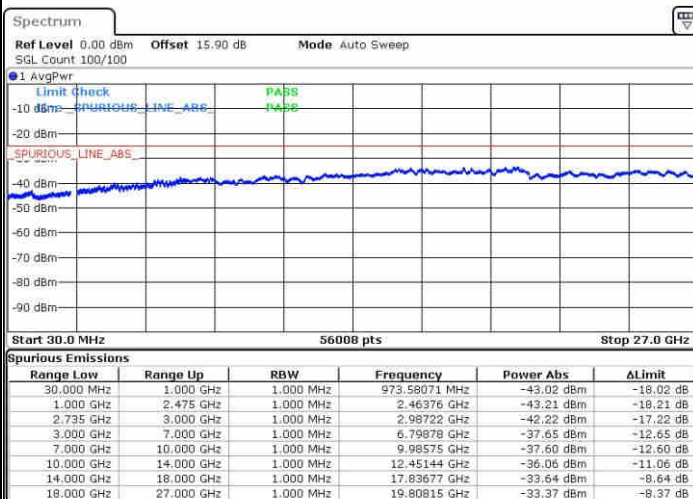
Date: 5 JUN 2019 09:24:32



Date: 5 JUN 2019 09:22:57

Highest Channel / FullIRB

N/A



Date: 4 JUN 2019 10:24:56

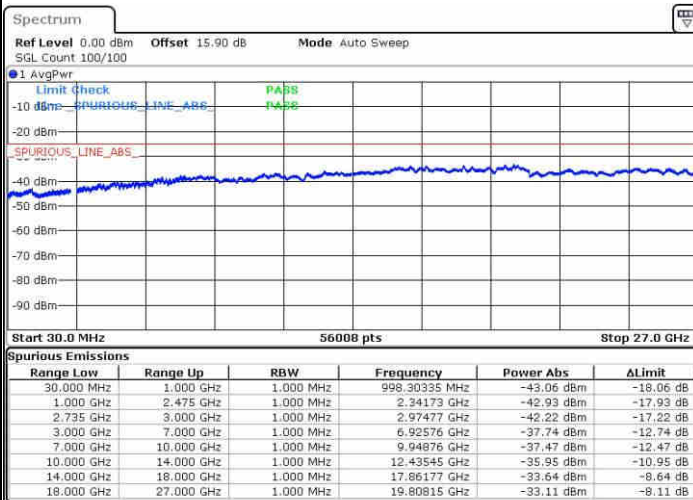


LTE Band 41 / 20MHz+20MHz

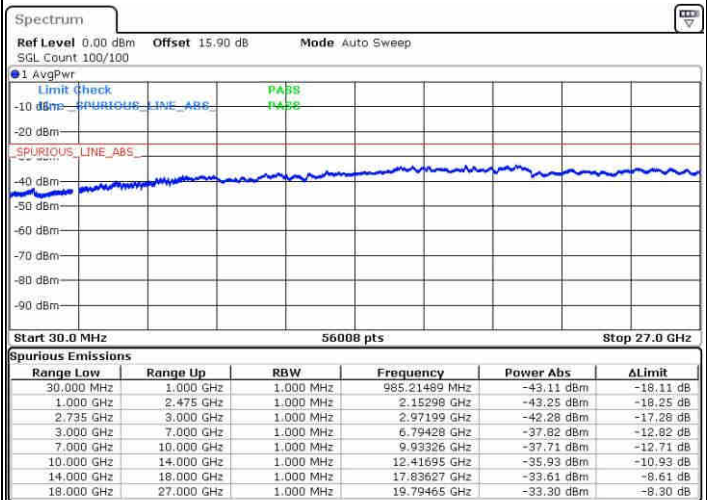
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



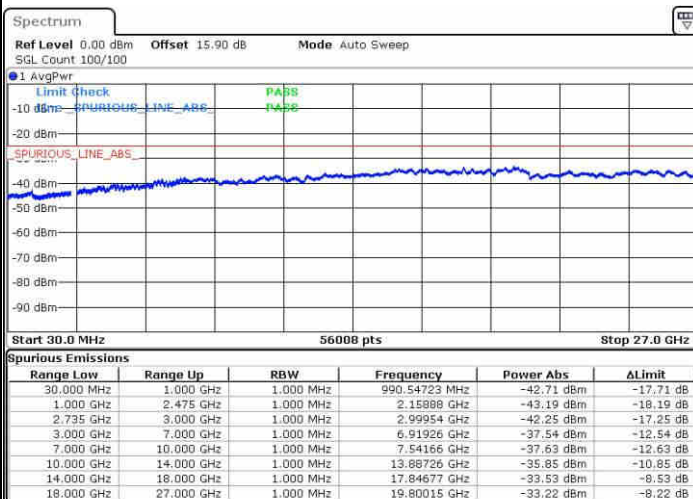
Date: 4 JUN 2019 01:16:19



Date: 4 JUN 2019 01:10:18

Lowest Channel / FullIRB

N/A



Date: 4 JUN 2019 01:17:32

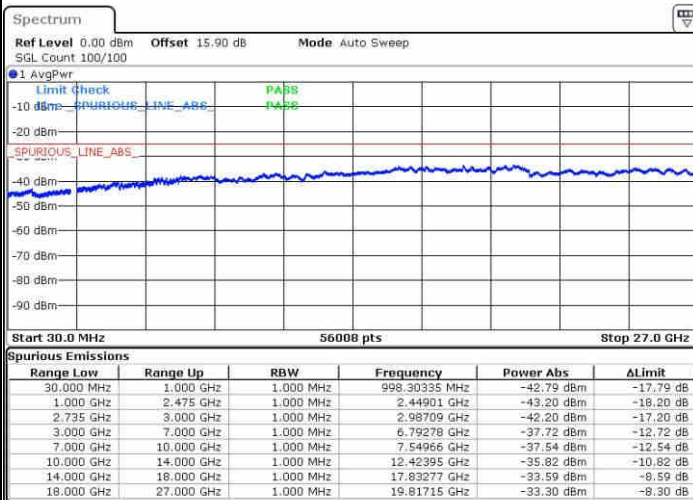


LTE Band 41 / 20MHz+20MHz

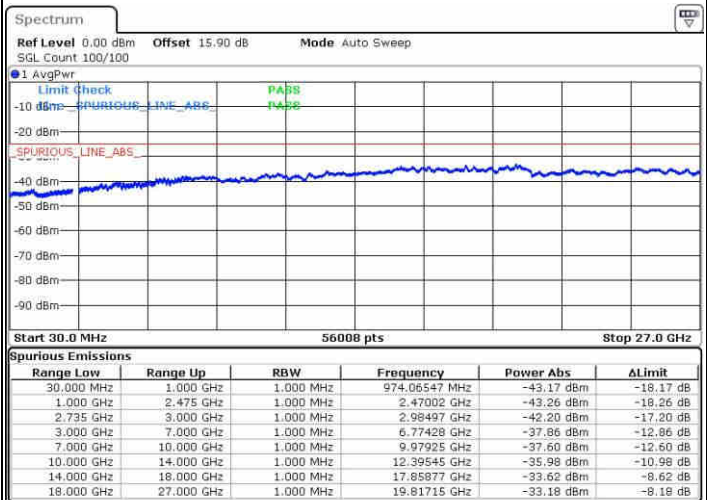
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



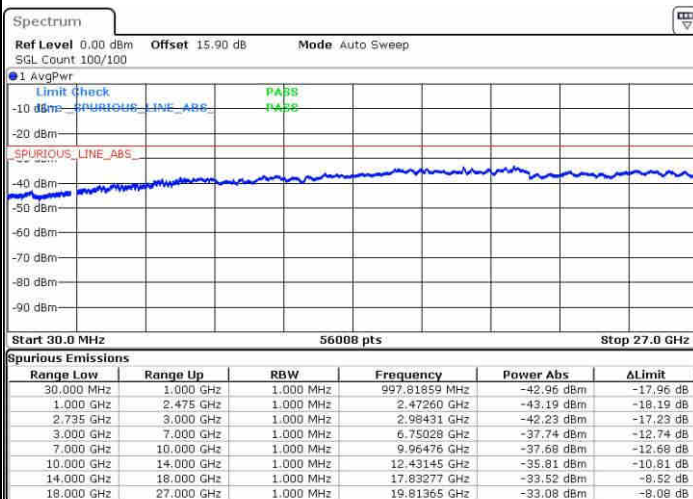
Date: 4 JUN 2019 01:39:02



Date: 4 JUN 2019 01:45:03

Middle Channel / FullIRB

N/A



Date: 4 JUN 2019 01:37:49

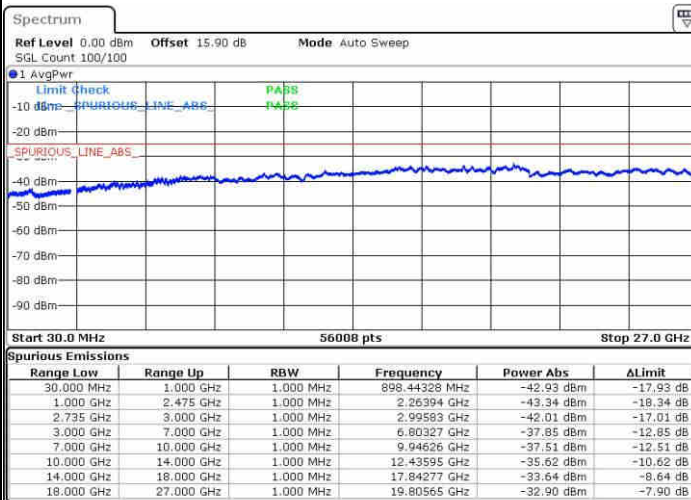


LTE Band 41 / 20MHz+20MHz

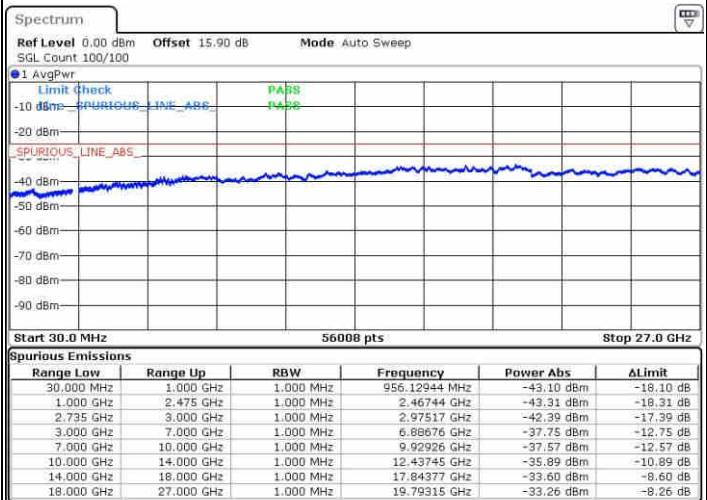
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



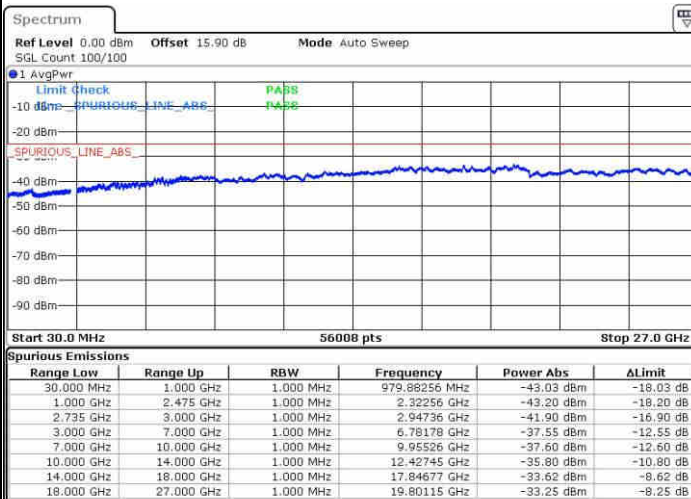
Date: 4 JUN 2019 02:08:48



Date: 4 JUN 2019 02:07:37

Highest Channel / FullIRB

N/A



Date: 4 JUN 2019 02:14:50

LTE Band 66

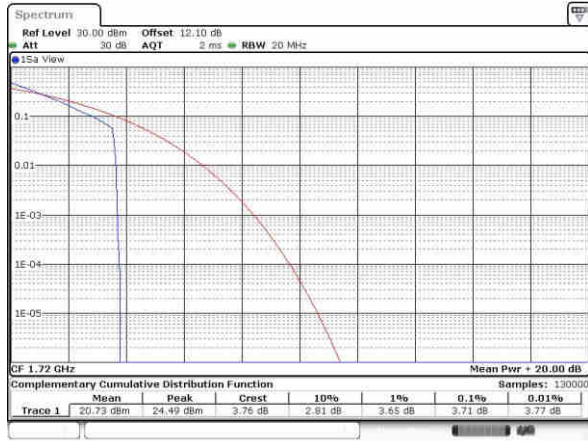
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	5.19	4.17	6.14	PASS
Middle CH	3.77	5.25	4.41	6.09	
Highest CH	3.68	5.13	4.61	6.12	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.36	6.72	-	-	PASS
Middle CH	5.25	6.72	-	-	
Highest CH	5.57	6.64	-	-	

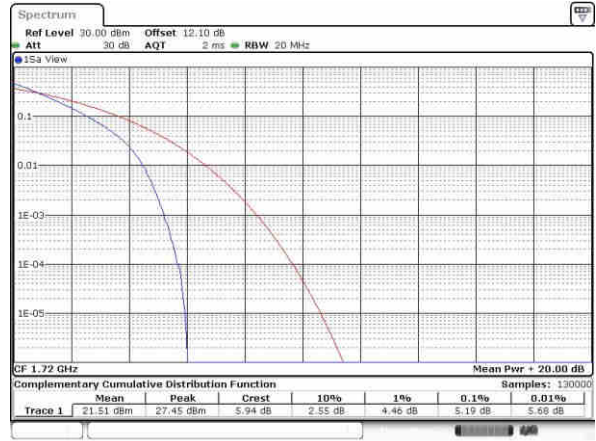


LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



Lowest Channel / Full RB



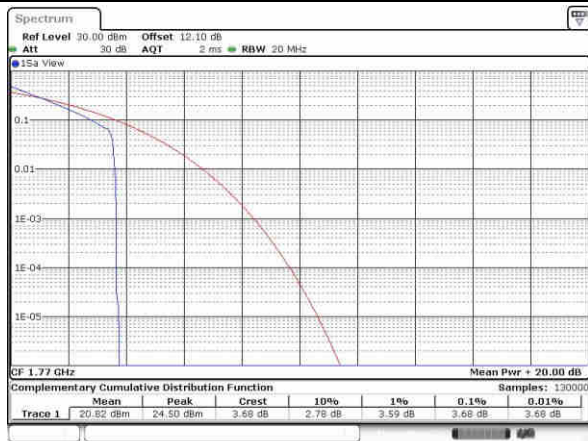
Middle Channel / 1RB



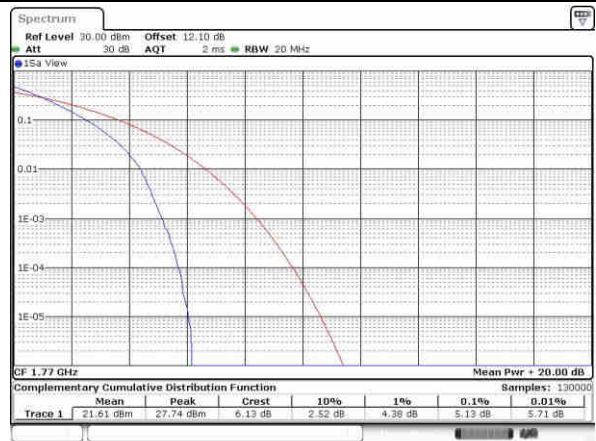
Middle Channel / Full RB



Highest Channel / 1RB



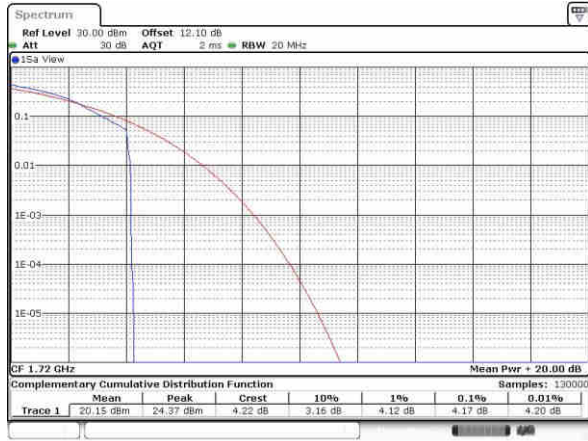
Highest Channel / Full RB



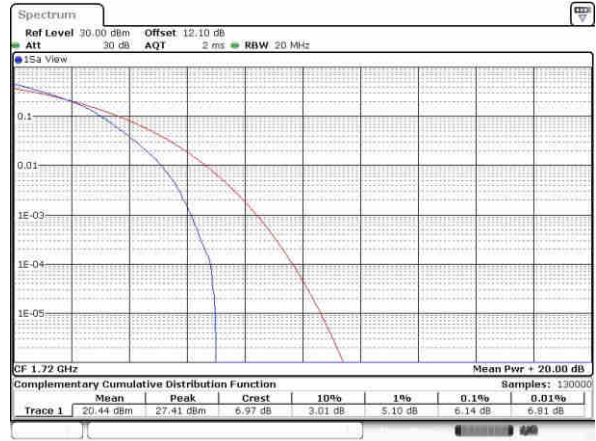


LTE Band 66 / 20MHz / 16QAM

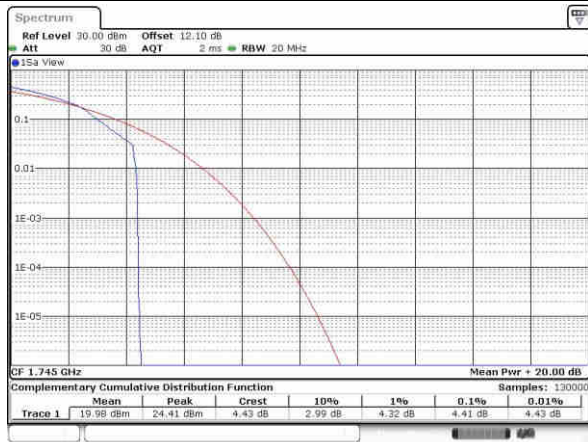
Lowest Channel / 1RB



Lowest Channel / Full RB



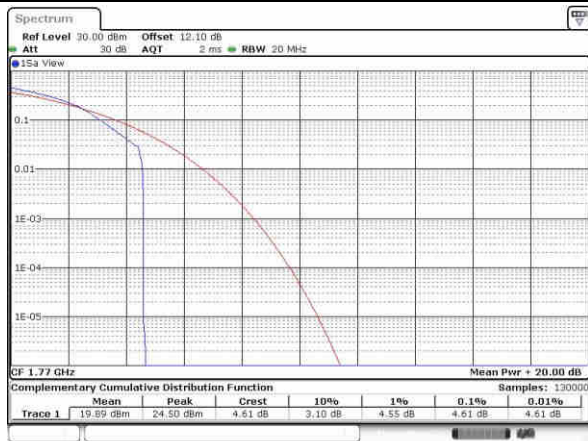
Middle Channel / 1RB



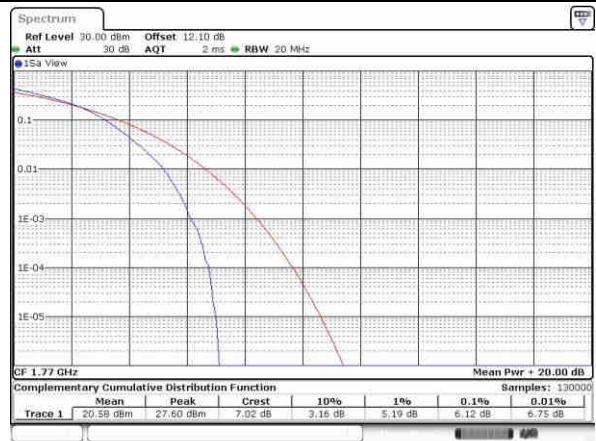
Middle Channel / Full RB



Highest Channel / 1RB



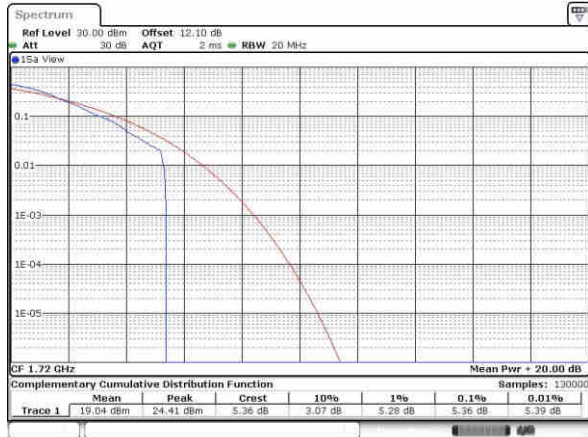
Highest Channel / Full RB



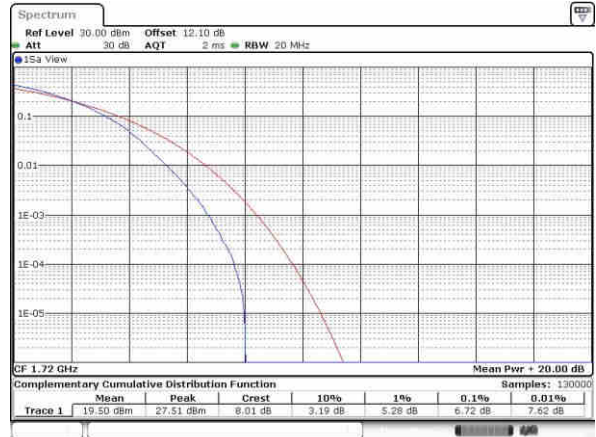


LTE Band 66 / 20MHz / 64QAM

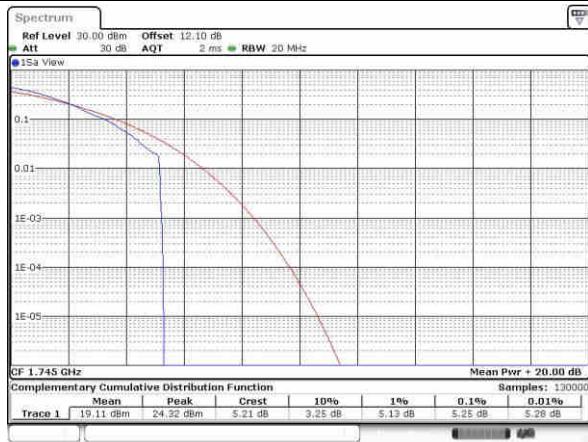
Lowest Channel / 1RB



Lowest Channel / Full RB



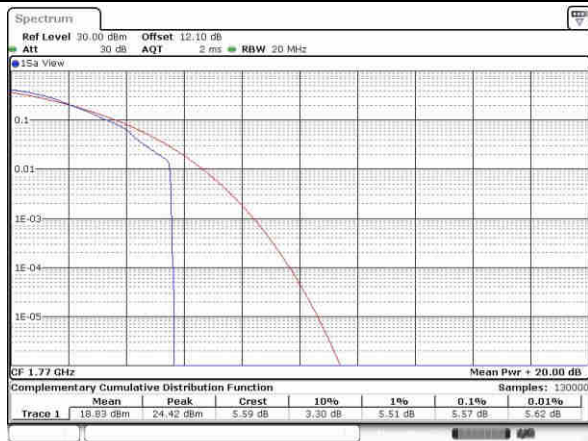
Middle Channel / 1RB



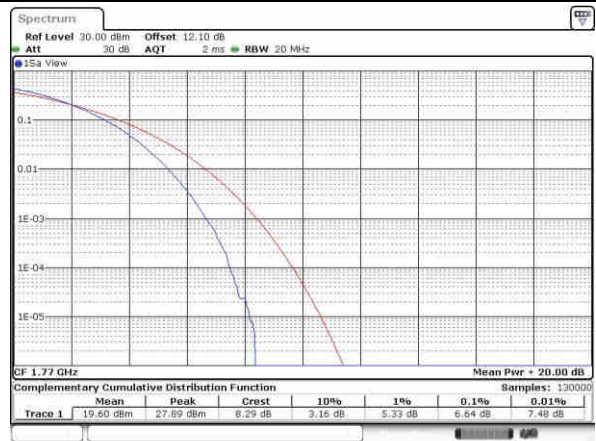
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



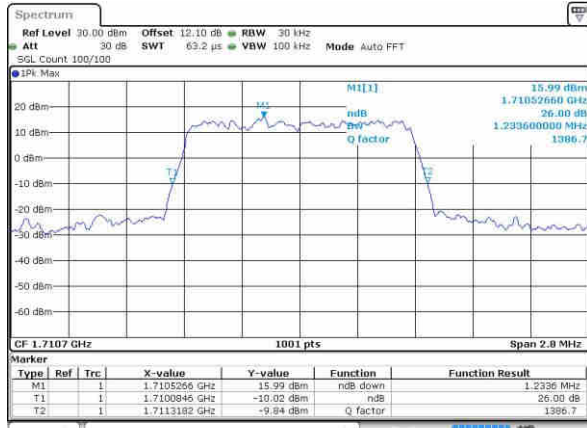
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.23	1.22	3.06	3.02	4.86	4.95	9.79	9.71	14.48	14.39	20.26	20.14
Middle CH	1.24	1.23	3.01	3.00	4.93	4.92	9.93	9.91	14.36	14.51	20.10	20.10
Highest CH	1.23	1.23	2.97	3.07	4.98	4.84	9.71	9.85	14.54	14.42	20.30	20.06
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.03	-	4.88	-	9.97	-	14.42	-	20.26	-
Middle CH	1.24	-	3.01	-	4.88	-	9.81	-	14.42	-	20.18	-
Highest CH	1.21	-	3.02	-	4.97	-	9.89	-	14.48	-	20.34	-

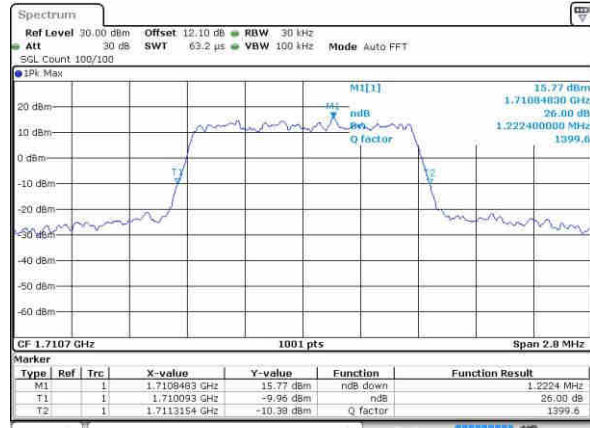


LTE Band 66

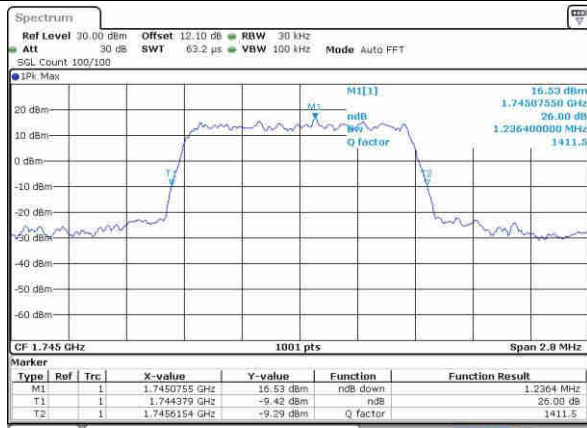
Lowest Channel / 1.4MHz / QPSK



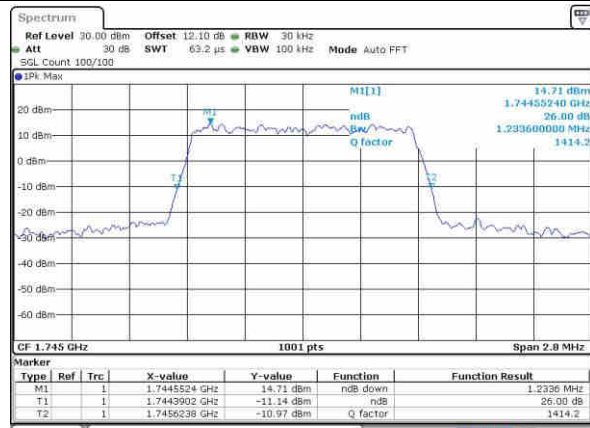
Lowest Channel / 1.4MHz / 16QAM



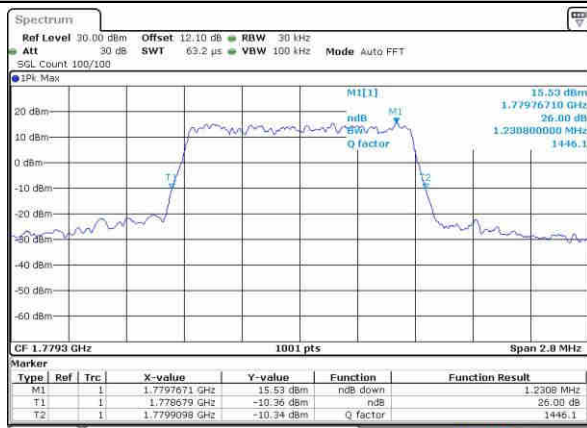
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

