

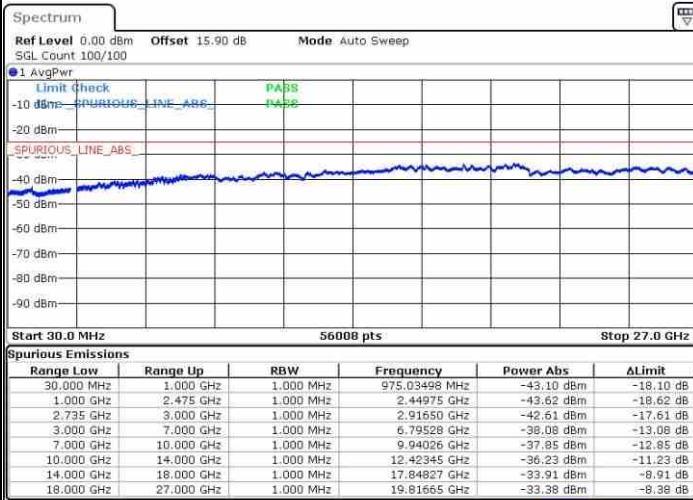


LTE Band 41 / 20MHz+15MHz

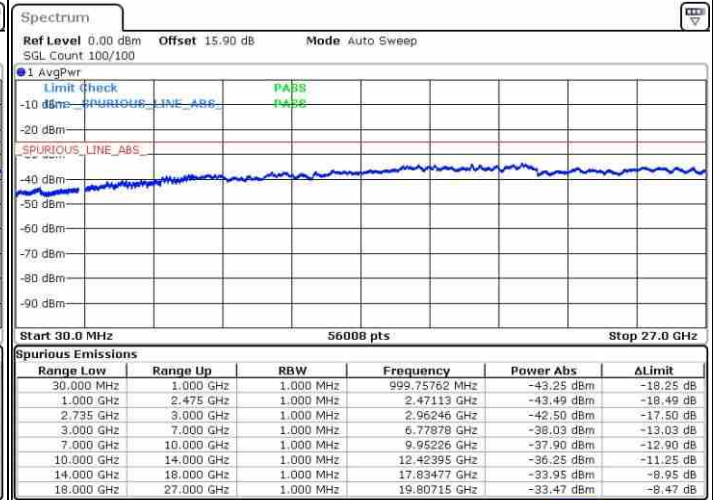
16QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



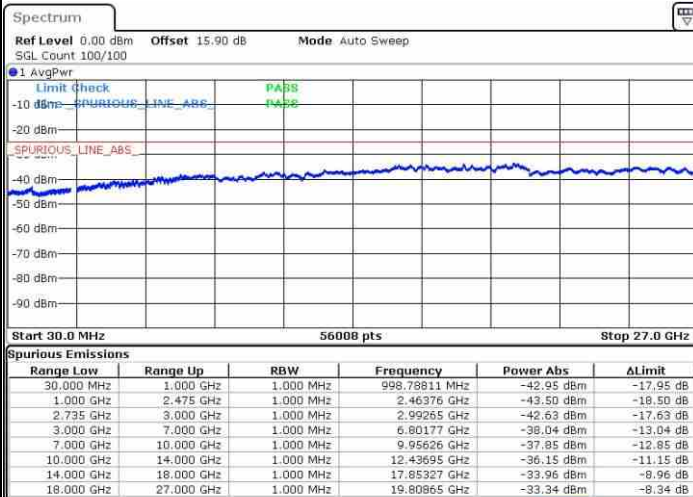
Date: 19.MAR.2019 06:02:48



Date: 19.MAR.2019 07:59:17

Highest Channel / FullIRB

N/A



Date: 19.MAR.2019 06:06:18

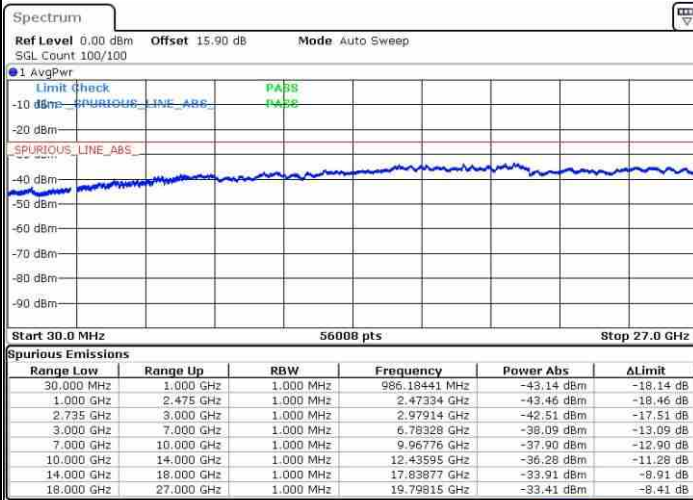


LTE Band 41 / 20MHz+20MHz

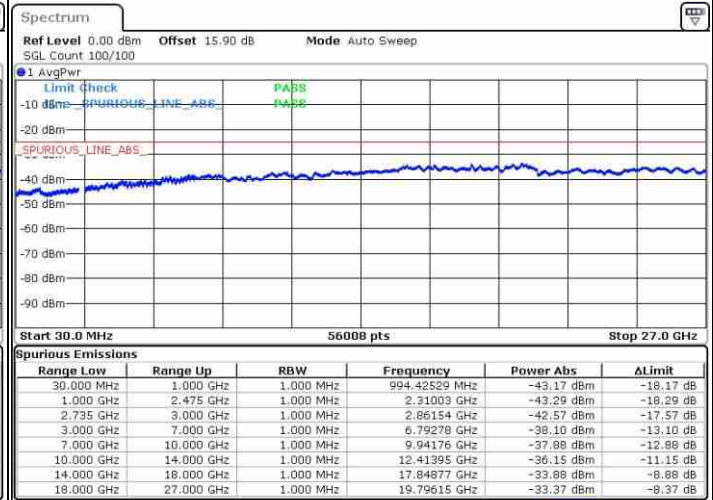
16QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



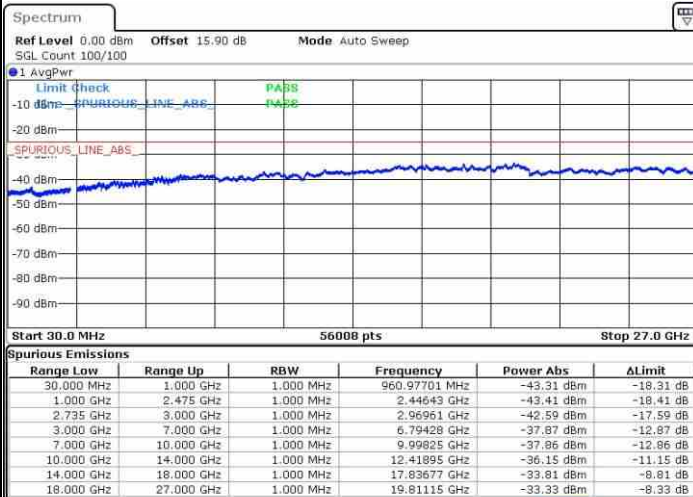
Date: 19.MAR.2019 08:13:18



Date: 19.MAR.2019 08:09:49

Lowest Channel / FullIRB

N/A



Date: 19.MAR.2019 08:16:49

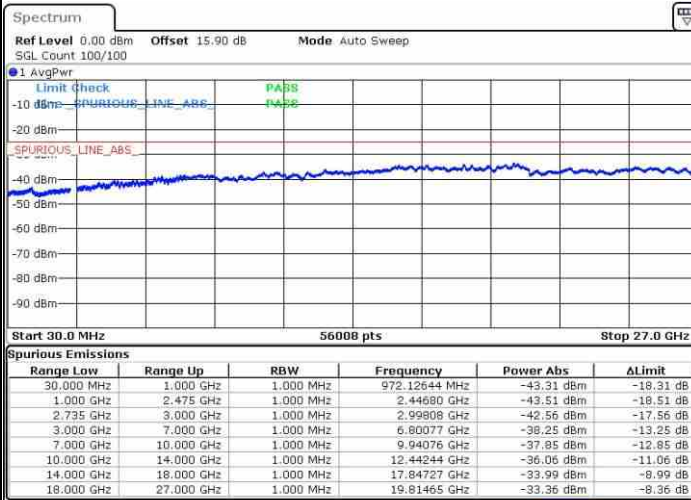


LTE Band 41 / 20MHz+20MHz

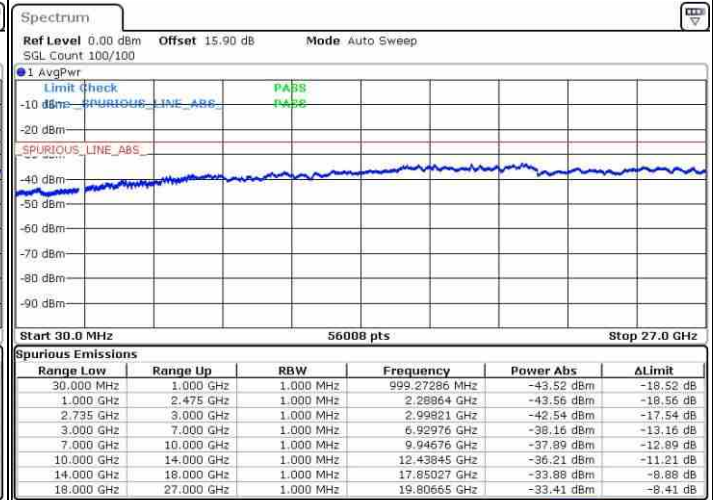
16QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



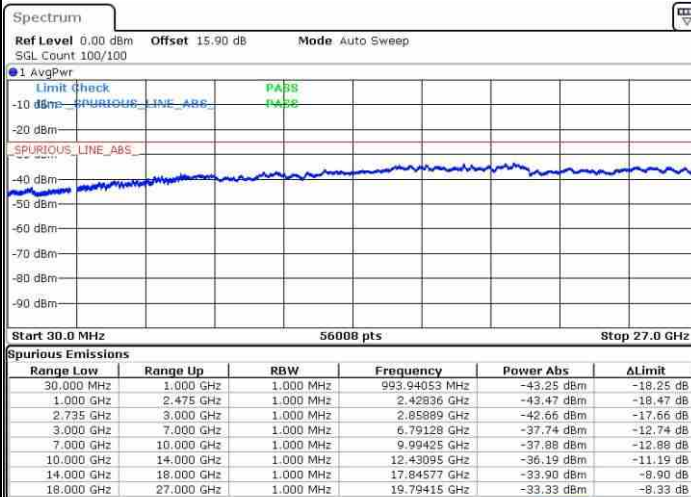
Date: 19.MAR.2019 08:23:49



Date: 19.MAR.2019 08:27:19

Middle Channel / FullIRB

N/A



Date: 19.MAR.2019 08:20:19

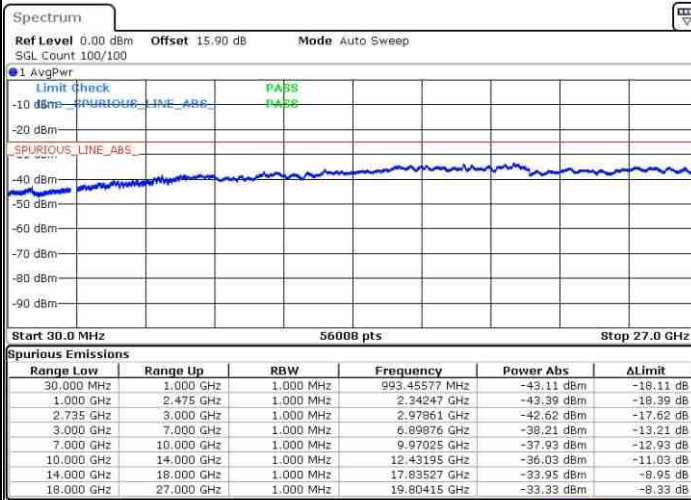


LTE Band 41 / 20MHz+20MHz

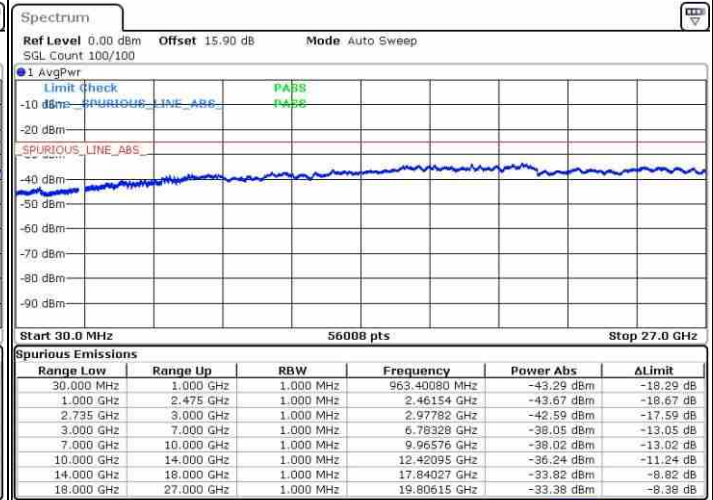
16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



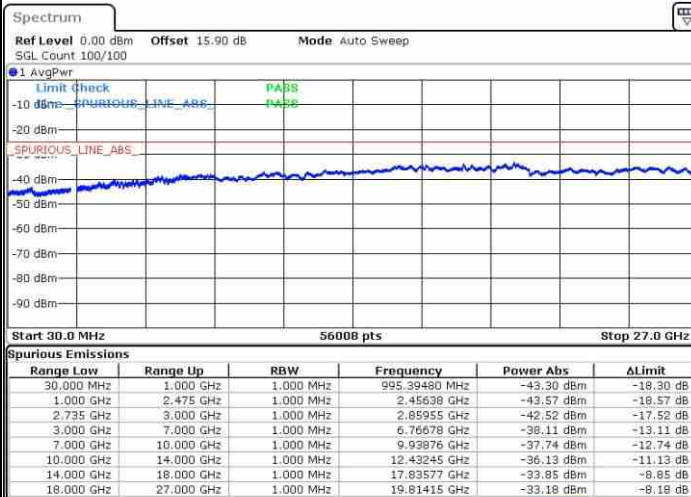
Date: 19.MAR.2019 08:34:20



Date: 19.MAR.2019 08:30:50

Highest Channel / FullIRB

N/A



Date: 19.MAR.2019 08:37:50

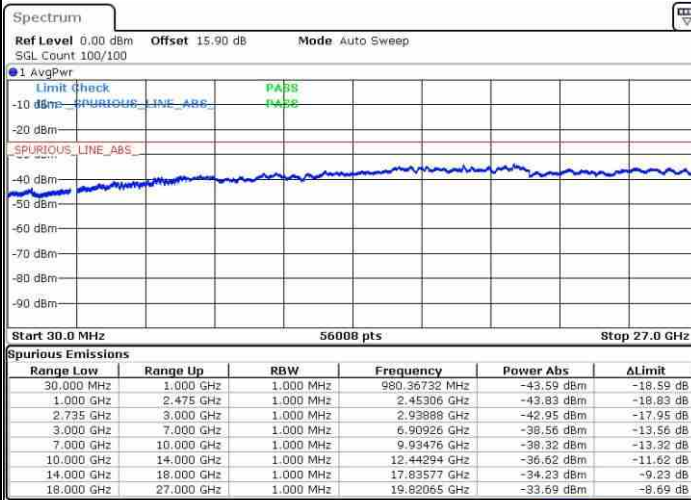


LTE Band 41 / 5MHz+20MHz

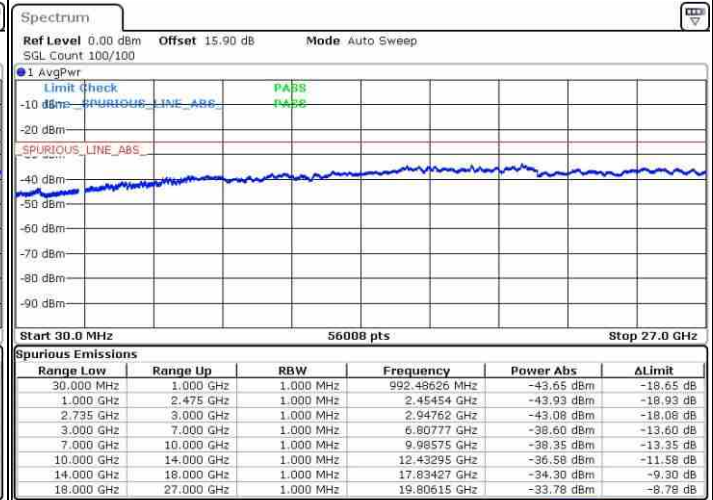
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



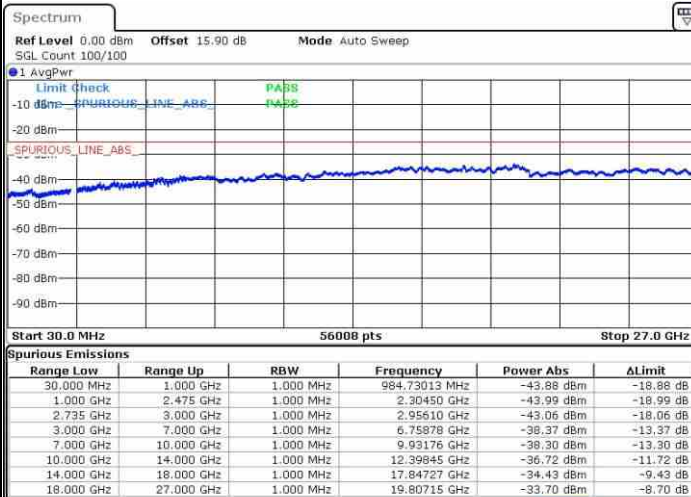
Date: 16 MAR 2019 00:53:30



Date: 16 MAR 2019 00:47:29

Lowest Channel / FullIRB

N/A



Date: 16 MAR 2019 00:54:43

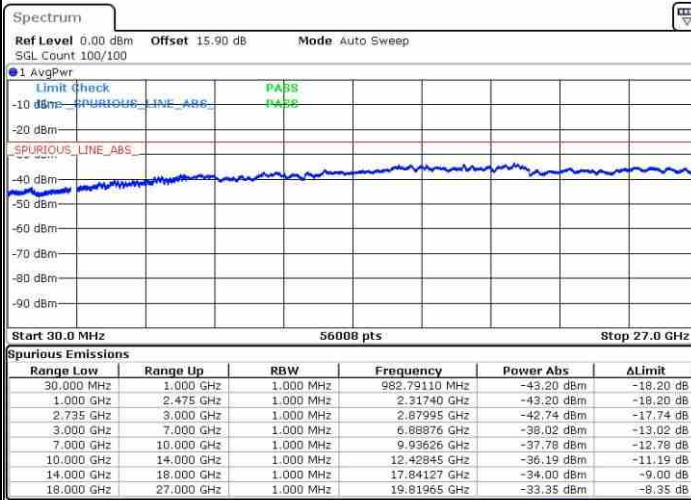


LTE Band 41 / 5MHz+20MHz

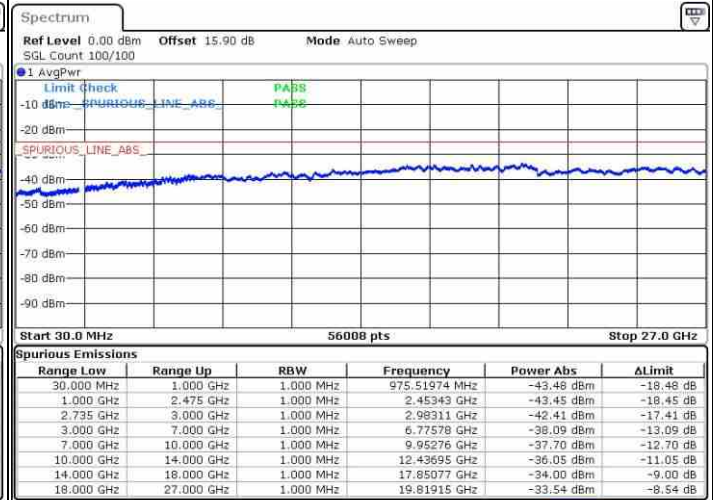
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



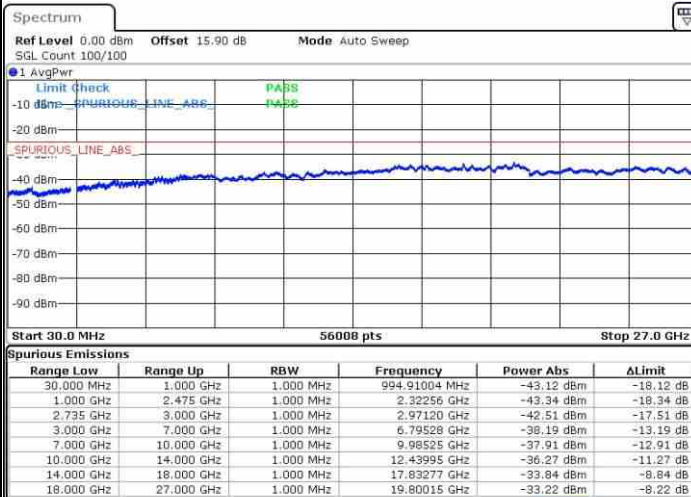
Date: 18 MAR 2019 19:55:00



Date: 18 MAR 2019 20:00:38

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 19:53:53

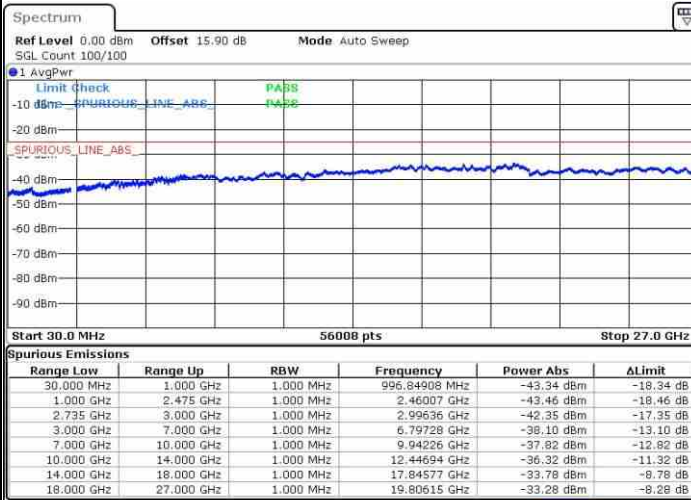


LTE Band 41 / 5MHz+20MHz

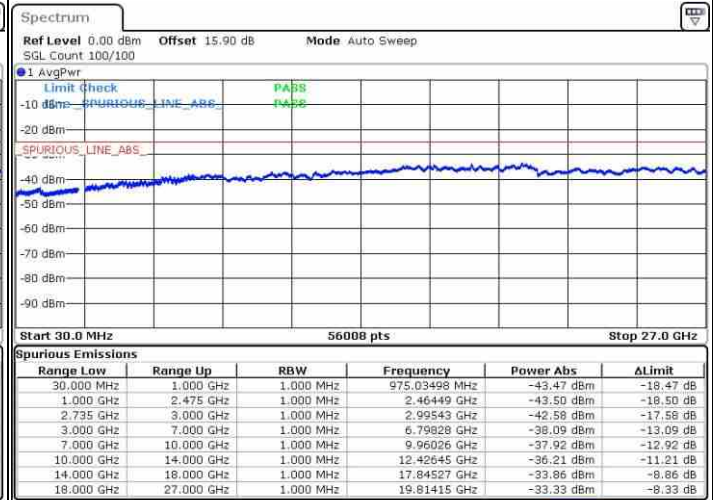
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



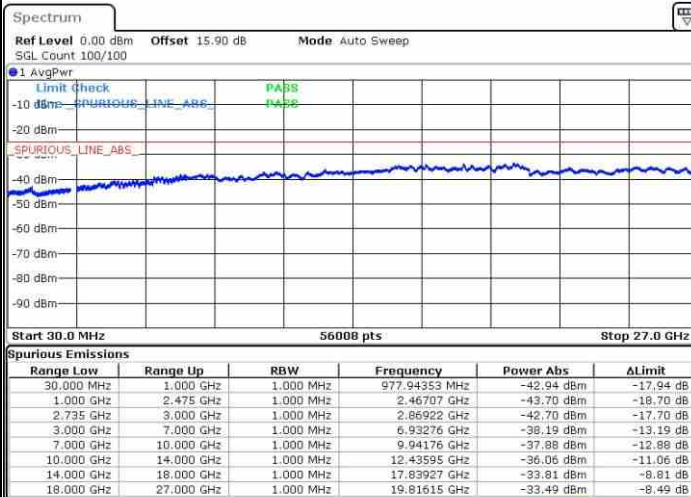
Date: 18 MAR 2019 20 05 09



Date: 18 MAR 2019 20 04 02

Highest Channel / FullIRB

N/A



Date: 18 MAR 2019 20 15 39

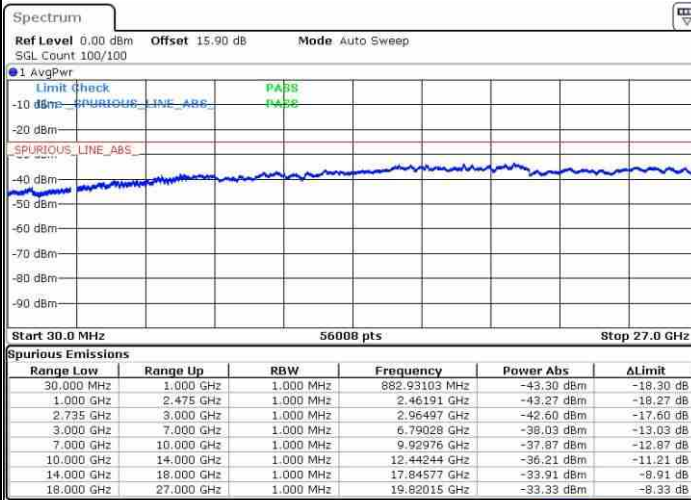


LTE Band 41 / 10MHz+15MHz

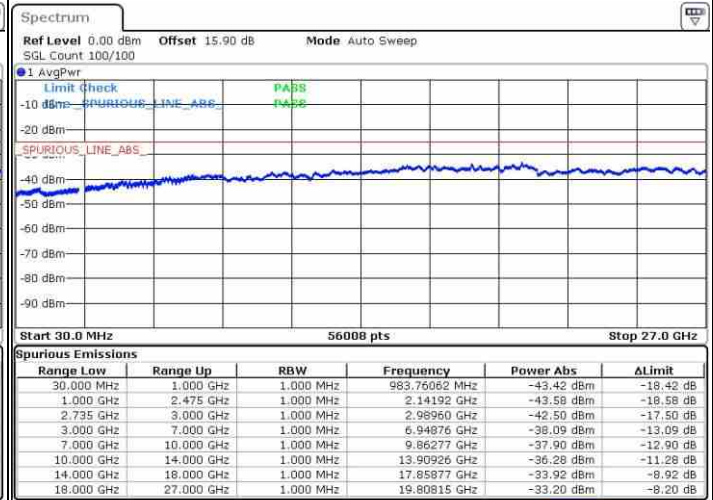
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB49 and 1RB0



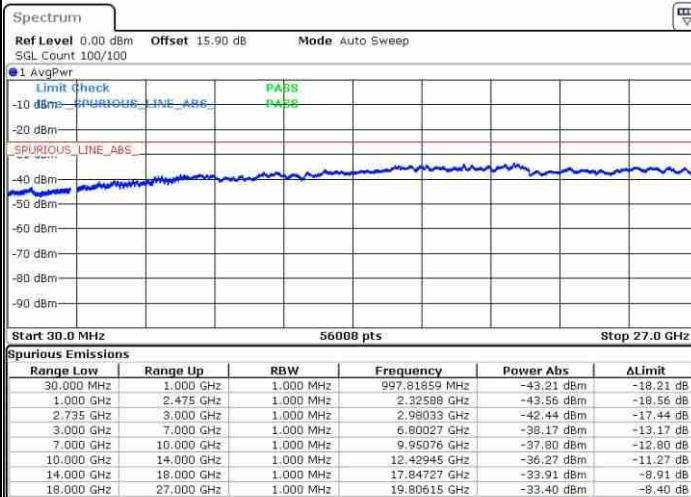
Date: 18 MAR 2019 11:36:36



Date: 18 MAR 2019 11:29:00

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 11:38:07

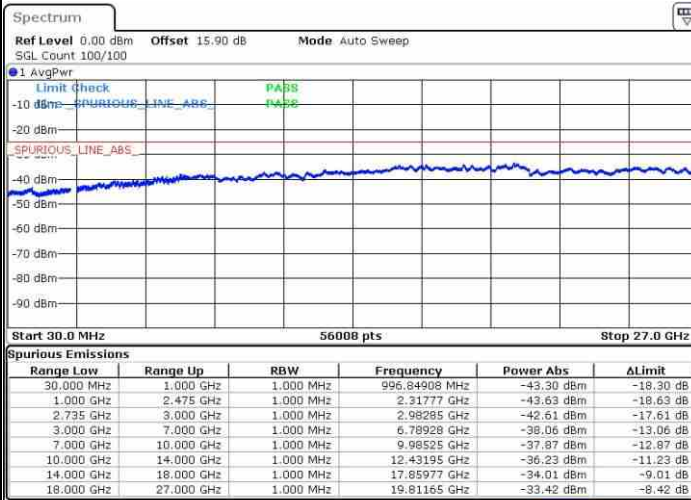


LTE Band 41 / 10MHz+15MHz

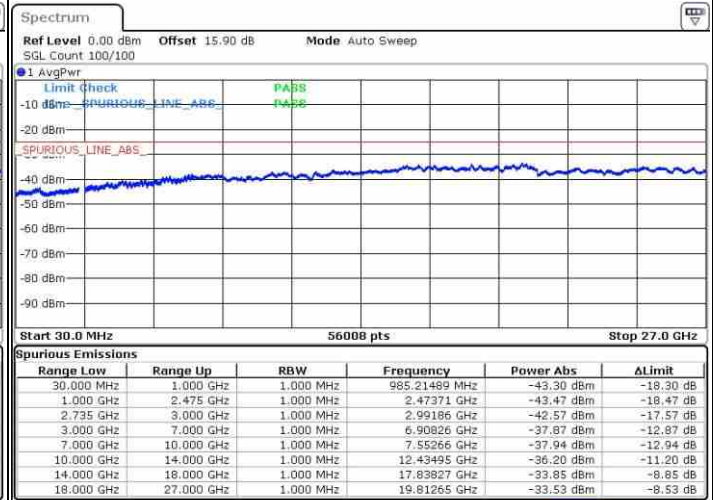
64QAM

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB49 and 1RB0



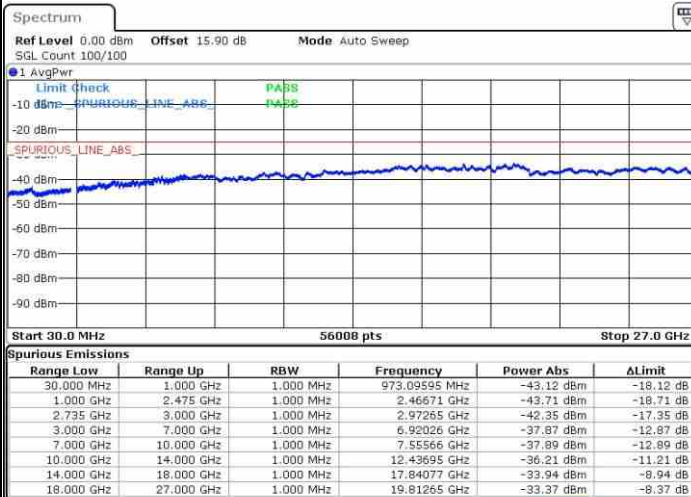
Date: 18 MAR 2019 11:47:14



Date: 18 MAR 2019 11:54:50

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 11:45:43

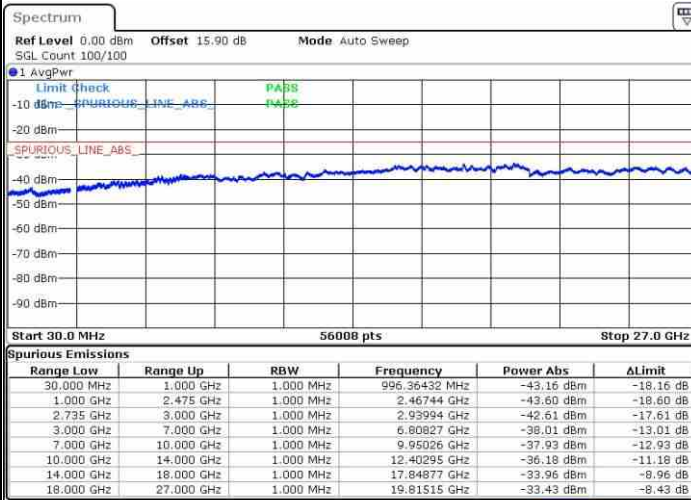


LTE Band 41 / 10MHz+15MHz

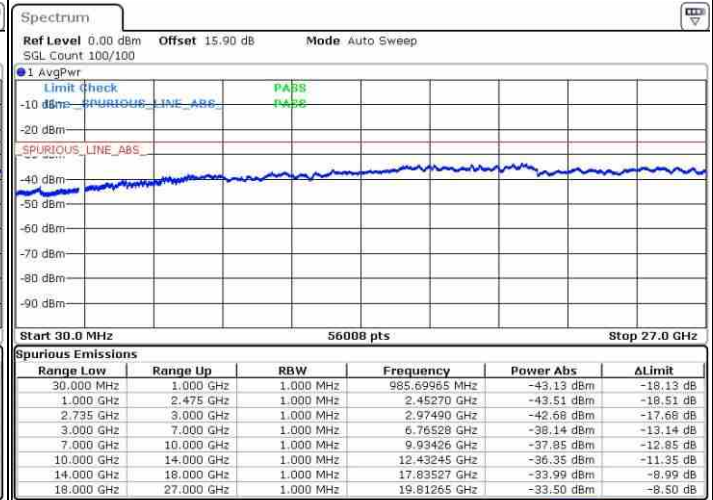
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB49 and 1RB0



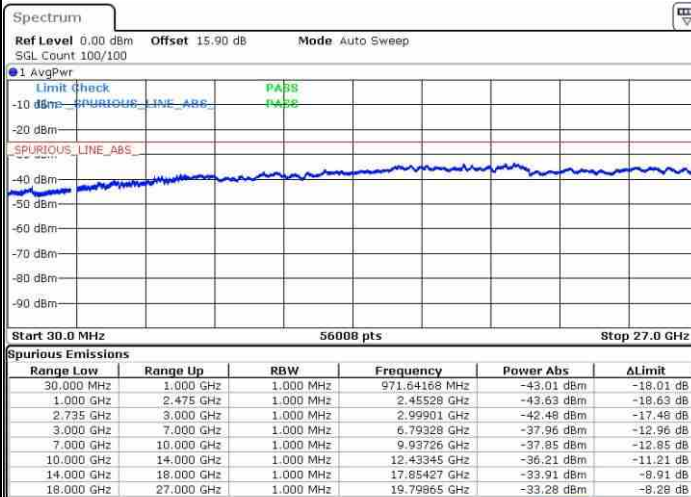
Date: 18 MAR 2019 12:00:53



Date: 18 MAR 2019 11:59:22

Highest Channel / FullIRB

N/A



Date: 18 MAR 2019 12:08:29

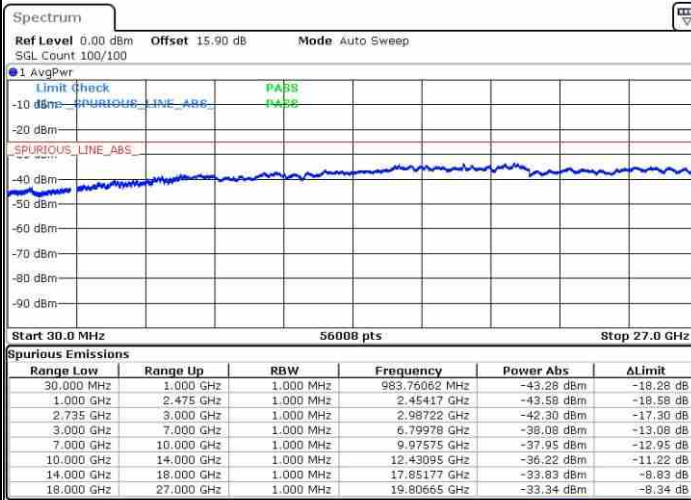


LTE Band 41 / 10MHz+20MHz

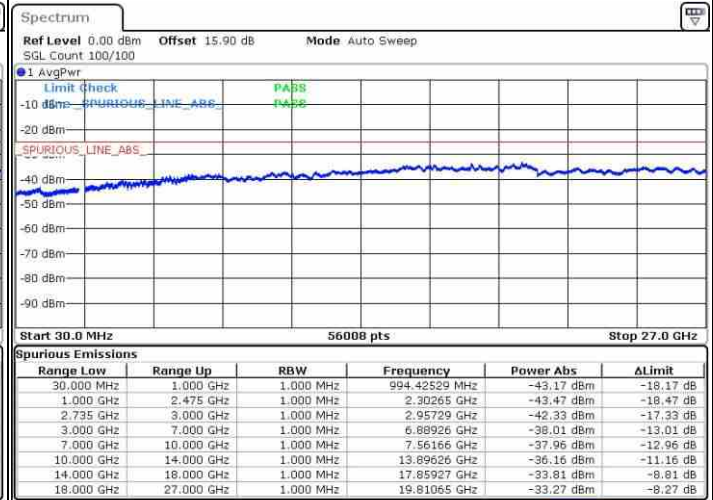
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



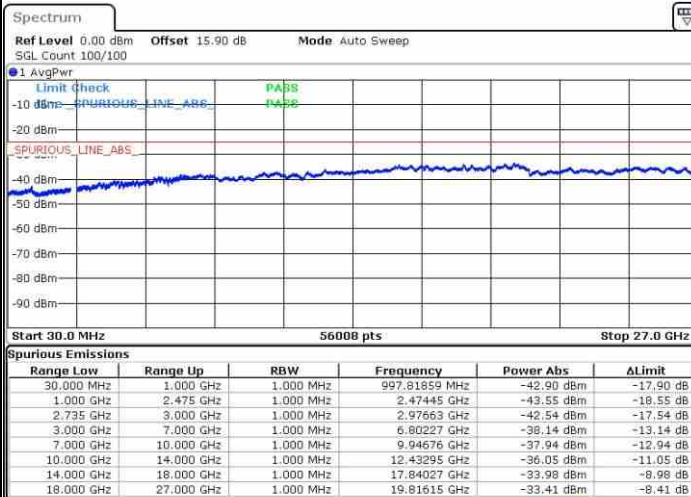
Date: 18 MAR 2019 21:24:36



Date: 18 MAR 2019 21:18:46

Lowest Channel / FullRB

N/A



Date: 18 MAR 2019 21:25:46

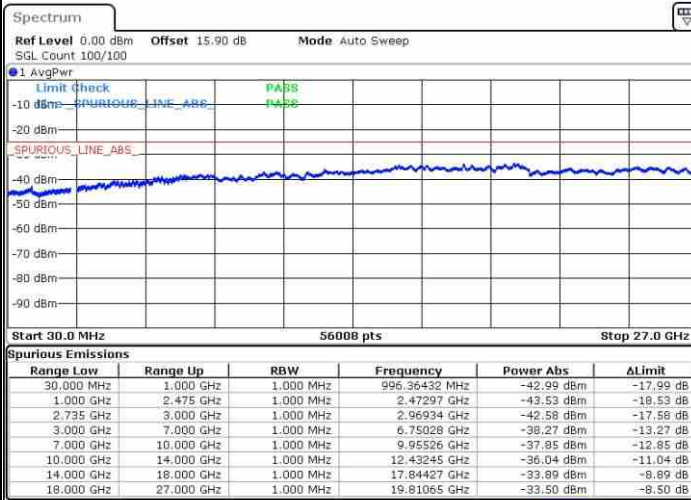


LTE Band 41 / 10MHz+20MHz

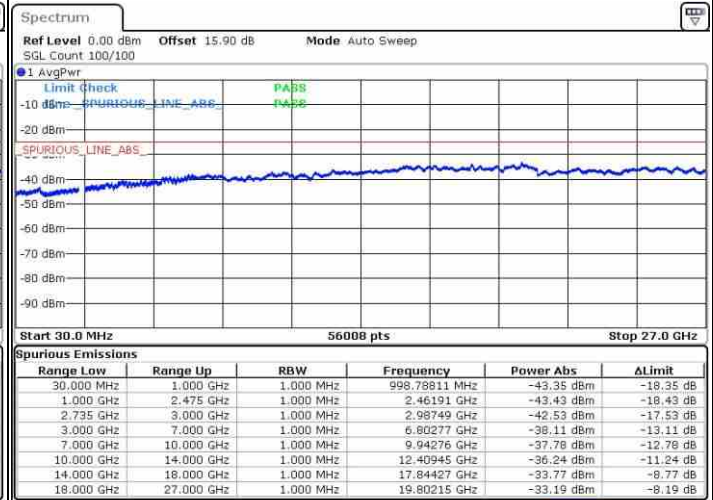
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



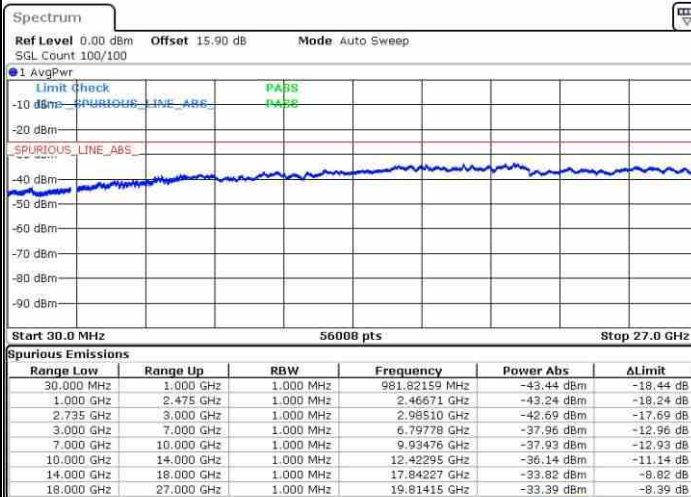
Date: 18 MAR 2019 21:32:46



Date: 18 MAR 2019 21:38:37

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 21:31:36

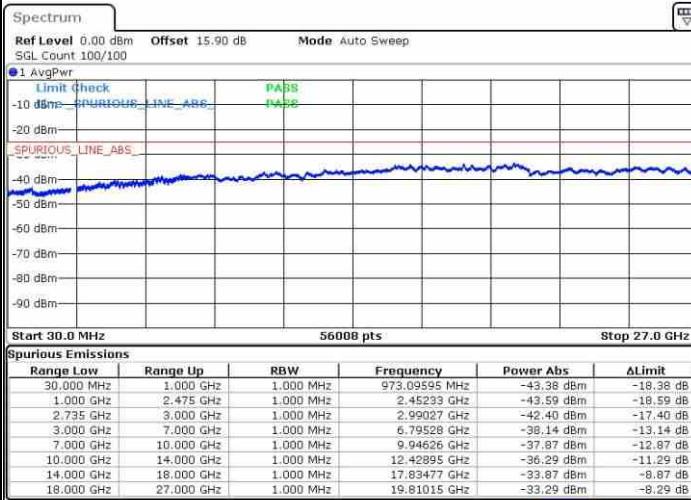


LTE Band 41 / 10MHz+20MHz

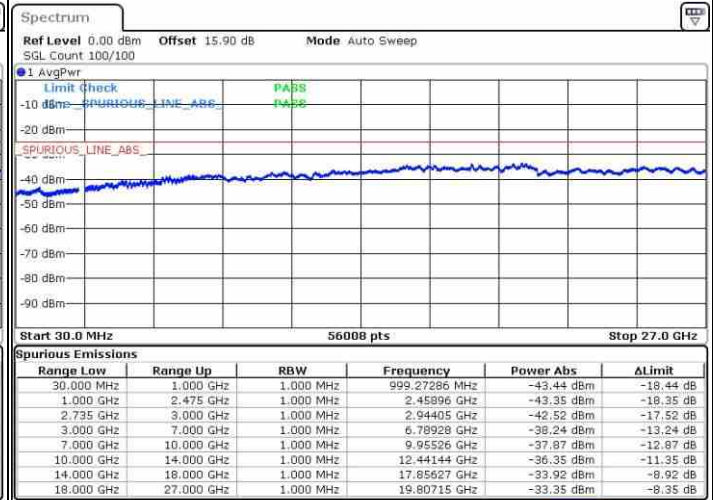
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



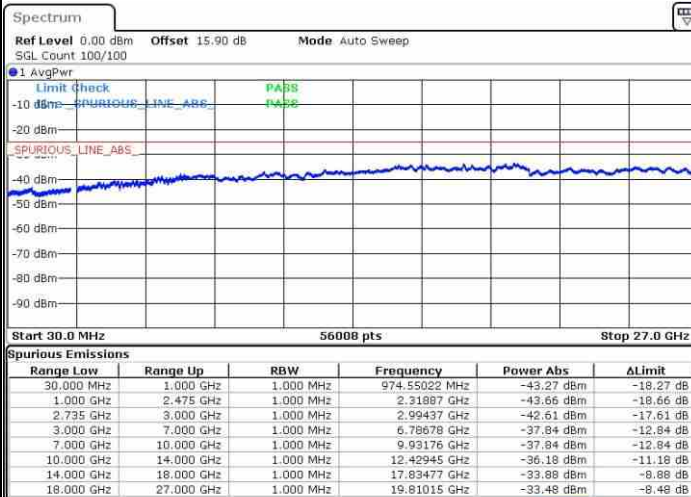
Date: 18 MAR 2019 21:43:17



Date: 18 MAR 2019 21:42:07

Highest Channel / FullRB

N/A



Date: 18 MAR 2019 21:49:07

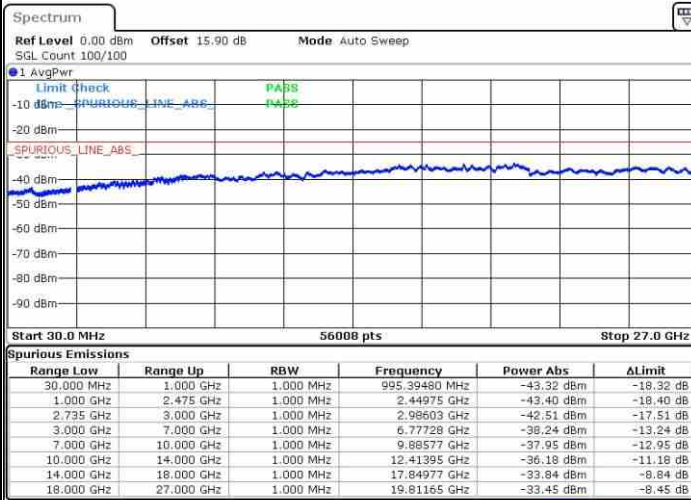


LTE Band 41 / 15MHz+10MHz

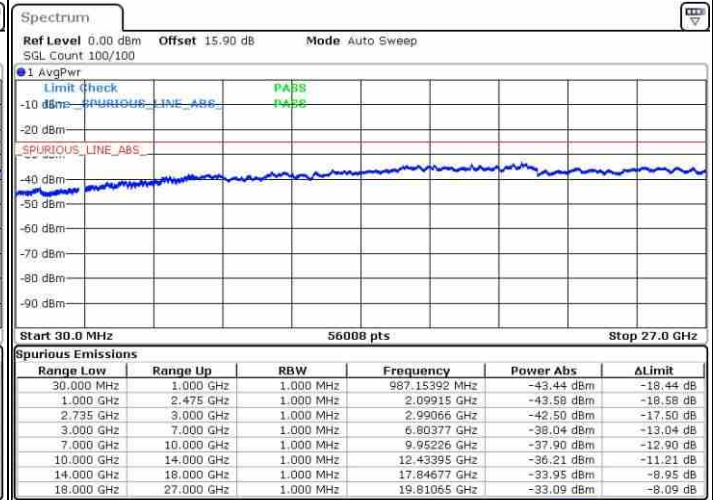
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB80



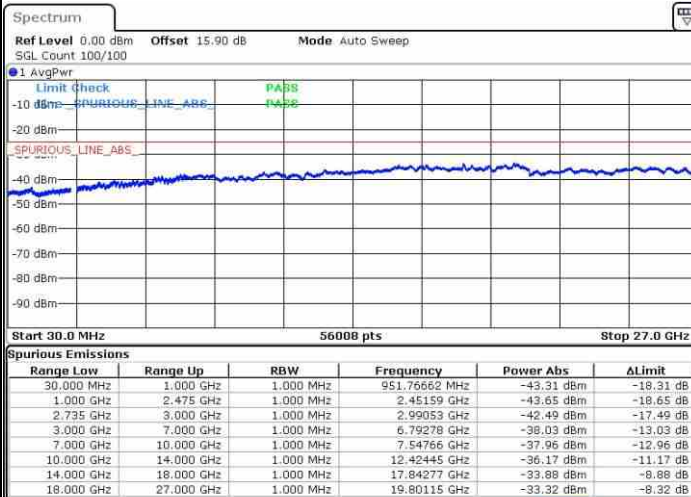
Date: 18 MAR 2019 20:50:35



Date: 18 MAR 2019 20:44:47

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 20:51:45

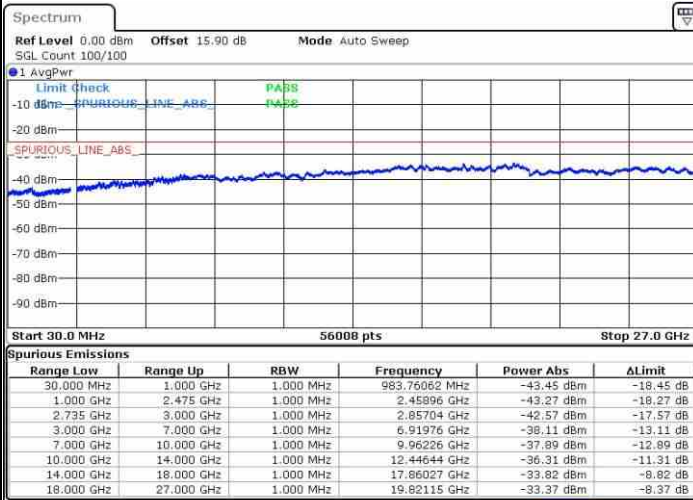


LTE Band 41 / 15MHz+10MHz

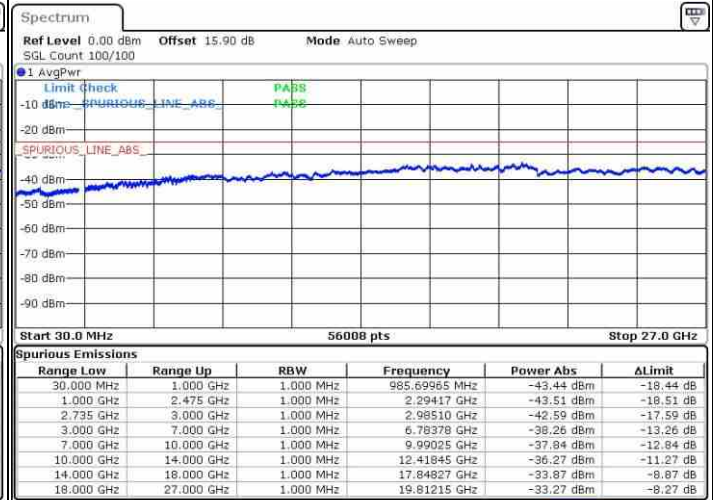
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



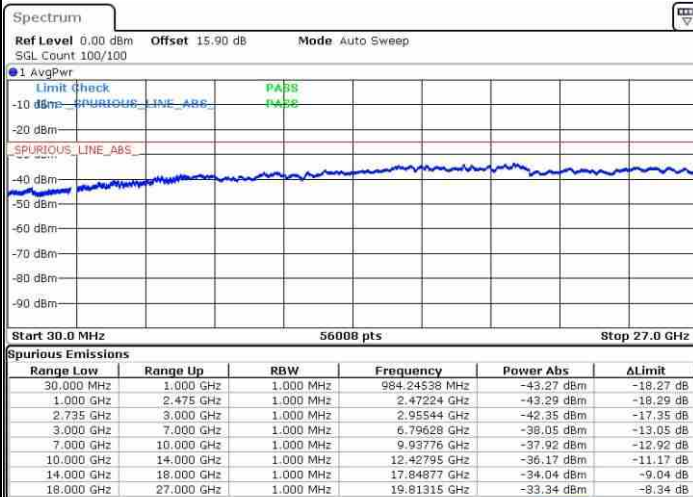
Date: 18 MAR 2019 20:58:45



Date: 18 MAR 2019 21:04:35

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 20:57:35

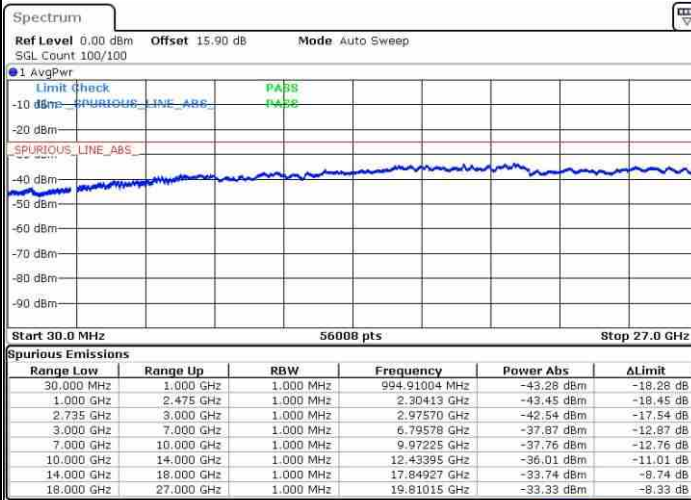


LTE Band 41 / 15MHz+10MHz

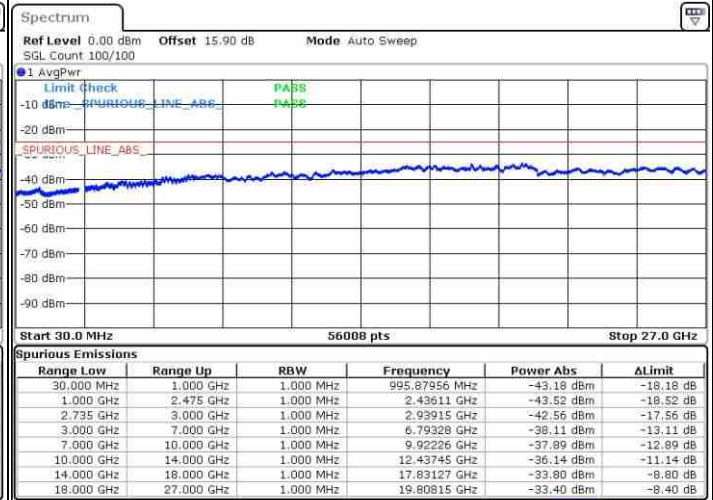
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



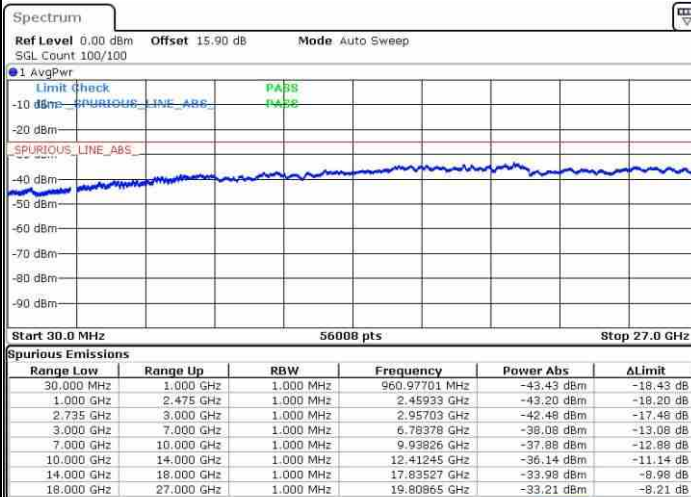
Date: 18 MAR 2019 21:09:15



Date: 18 MAR 2019 21:08:05

Highest Channel / FullIRB

N/A



Date: 18 MAR 2019 21:15:06

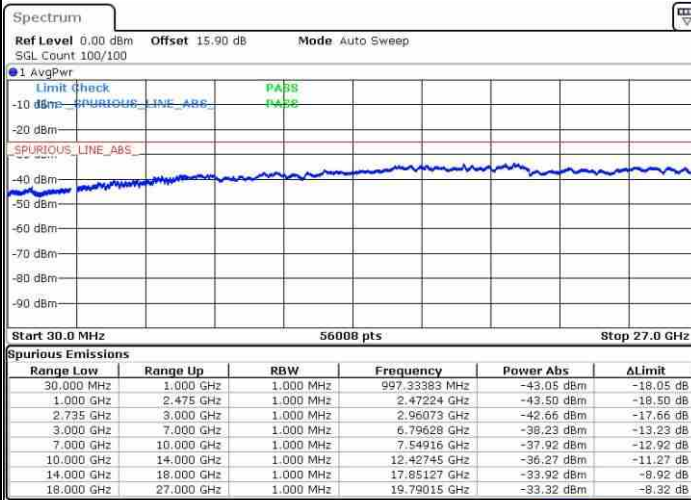


LTE Band 41 / 15MHz+15MHz

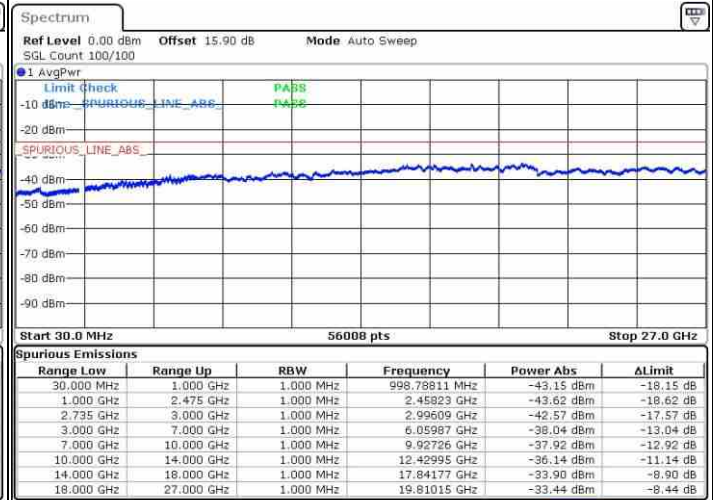
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



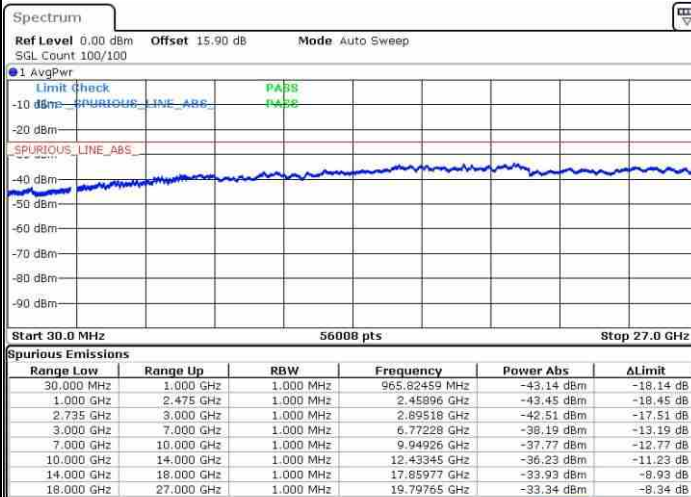
Date: 18 MAR 2019 22:37:03



Date: 18 MAR 2019 22:31:14

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 22:38:14

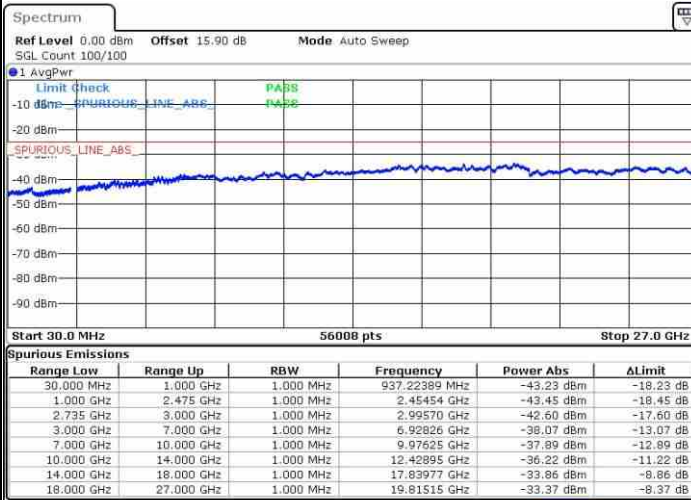


LTE Band 41 / 15MHz+15MHz

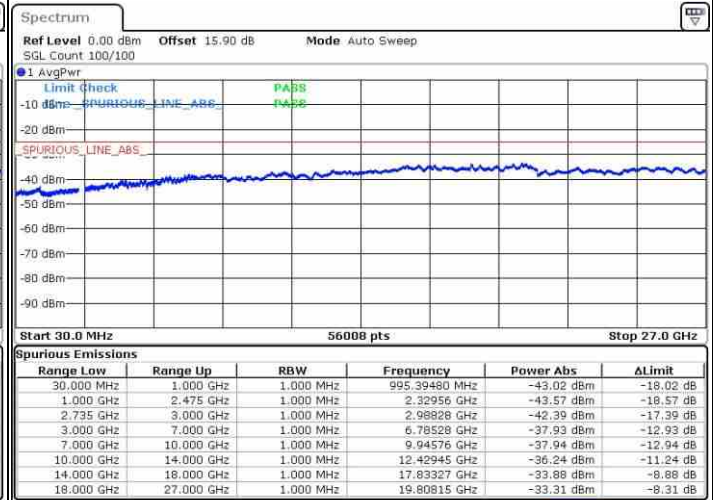
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



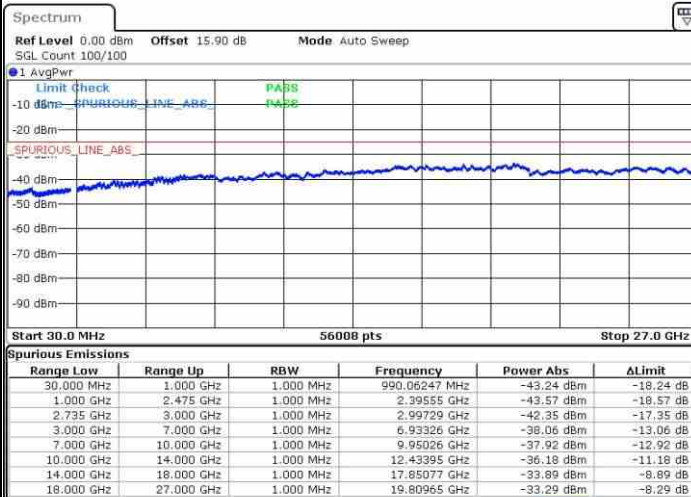
Date: 18 MAR 2019 22:45:14



Date: 18 MAR 2019 22:51:03

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 22:44:03

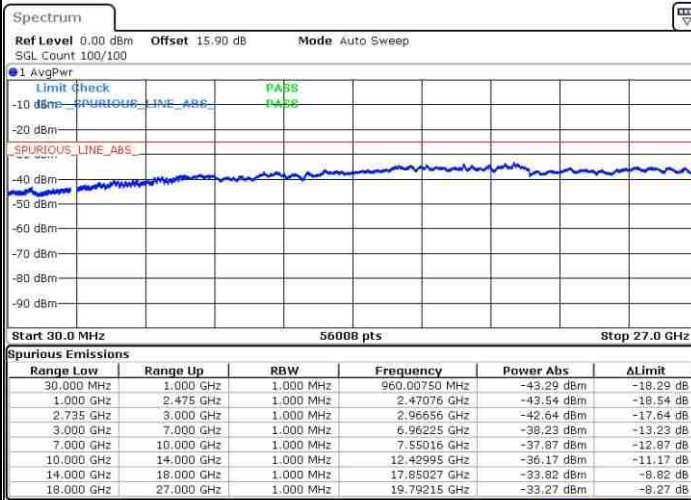


LTE Band 41 / 15MHz+15MHz

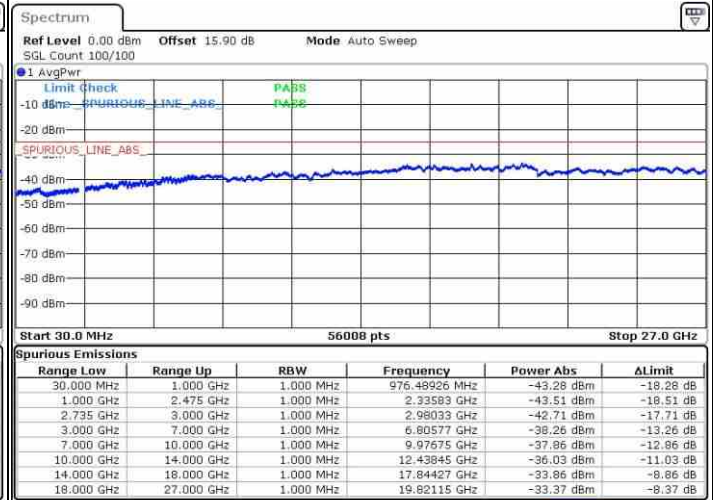
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



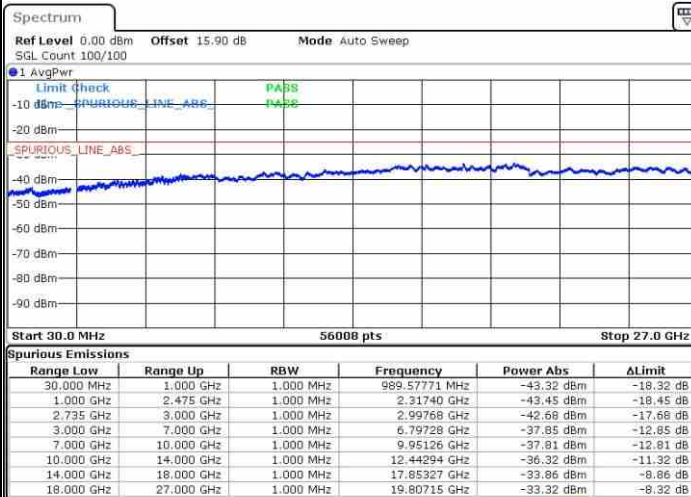
Date: 18 MAR 2019 22:55:43



Date: 18 MAR 2019 22:54:33

Highest Channel / FullIRB

N/A



Date: 18 MAR 2019 23:01:33

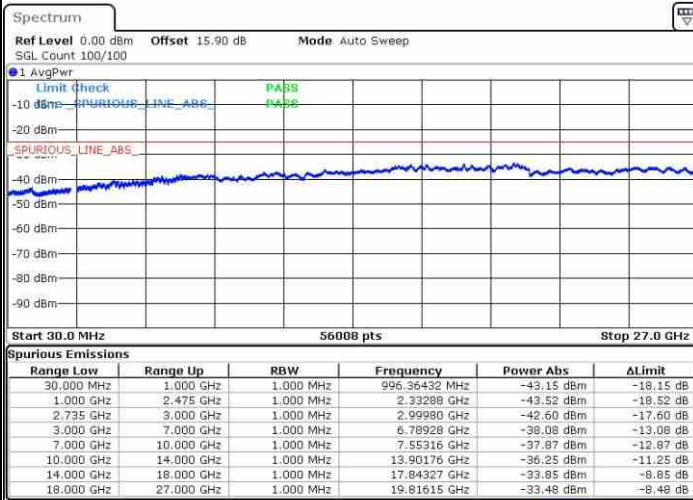


LTE Band 41 / 15MHz+20MHz

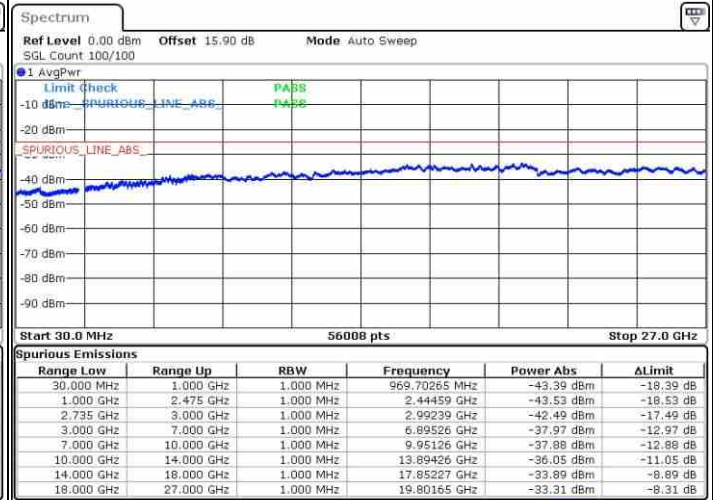
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB80



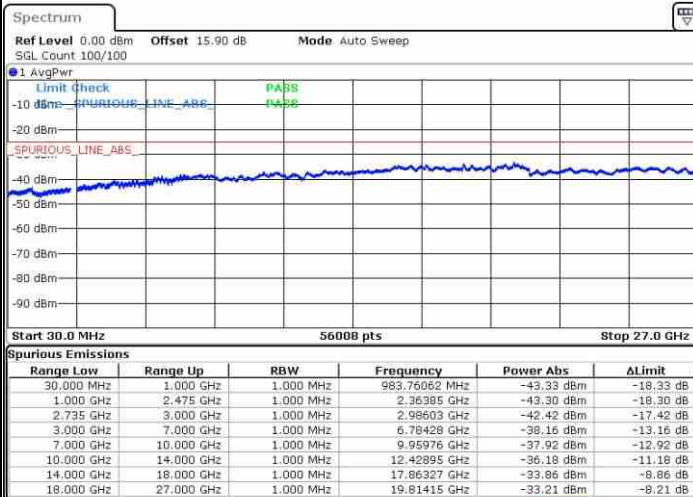
Date: 18 MAR 2019 23:08:33



Date: 18 MAR 2019 23:02:43

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 23:09:43

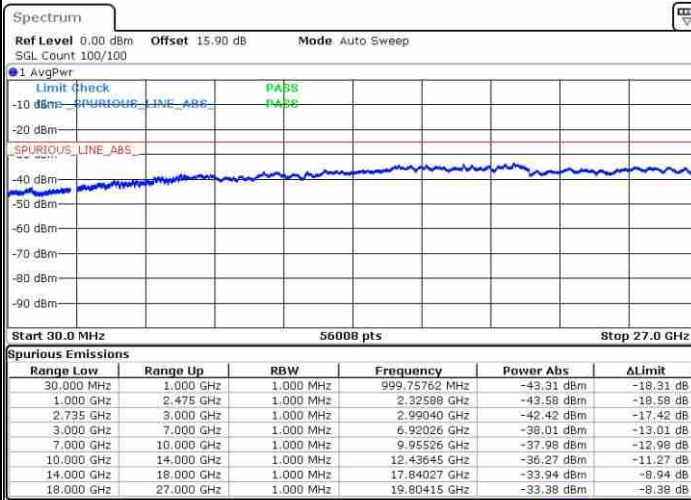


LTE Band 41 / 15MHz+20MHz

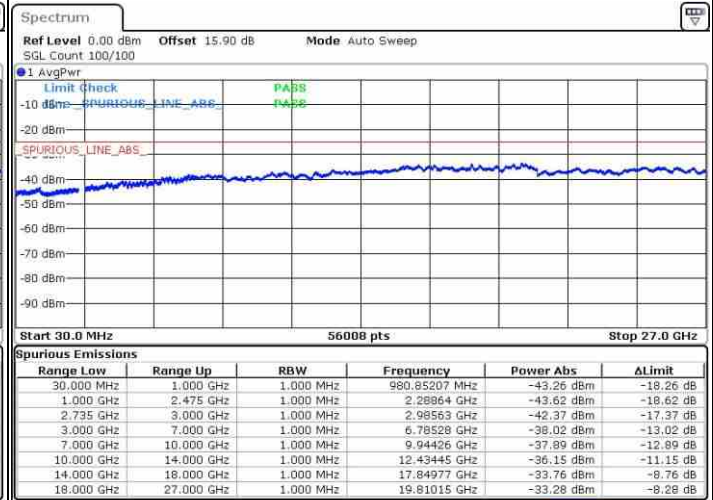
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



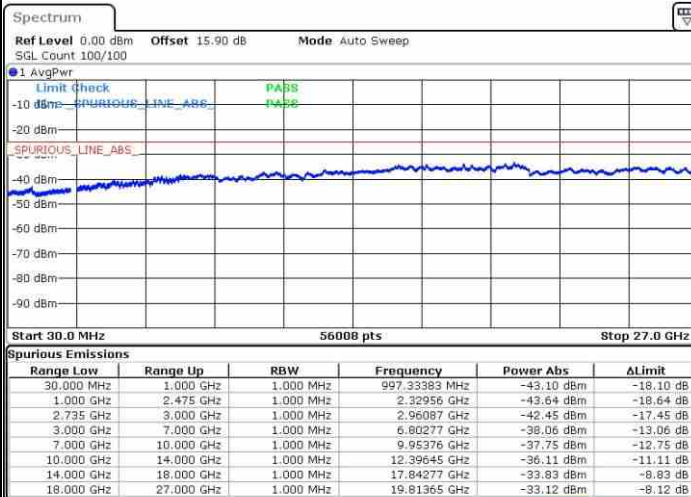
Date: 18 MAR 2019 23:16:43



Date: 18 MAR 2019 23:22:33

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 23:15:33

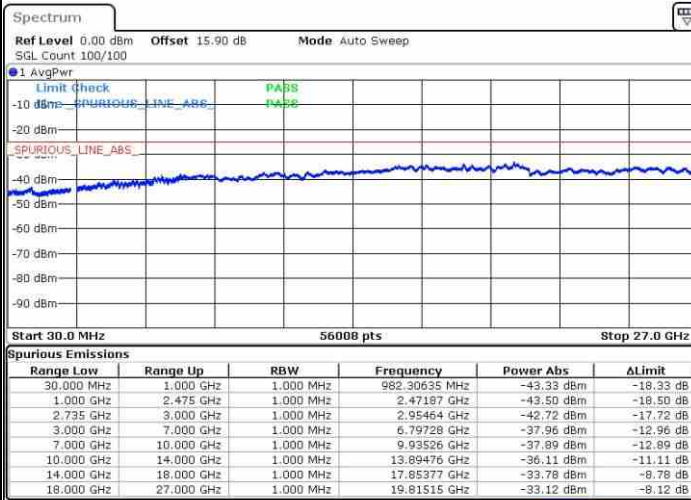


LTE Band 41 / 15MHz+20MHz

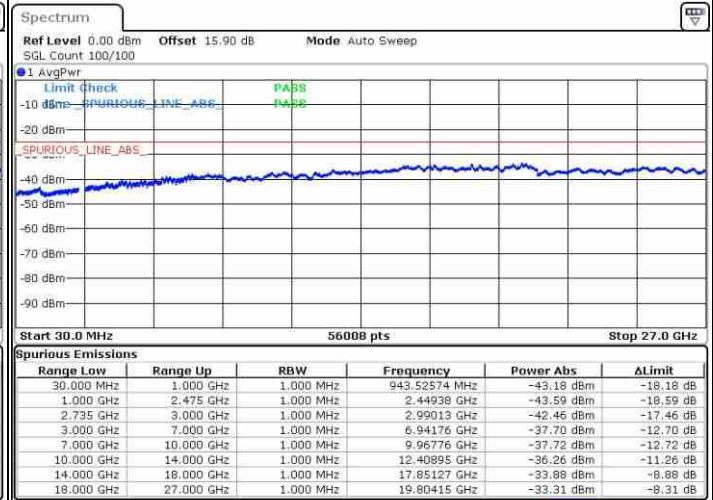
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



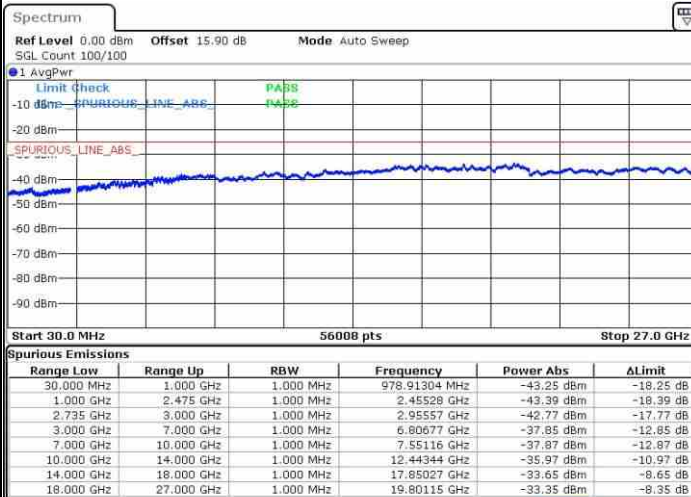
Date: 18 MAR 2019 23:27:14



Date: 18 MAR 2019 23:26:04

Highest Channel / FullIRB

N/A



Date: 18 MAR 2019 23:33:04

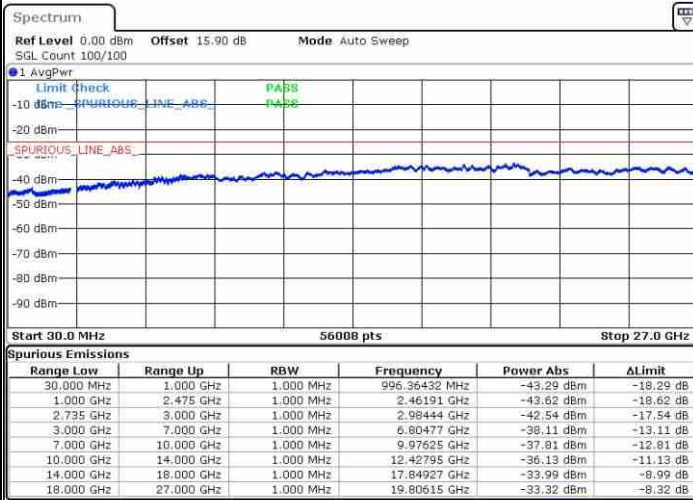


LTE Band 41 / 20MHz+5MHz

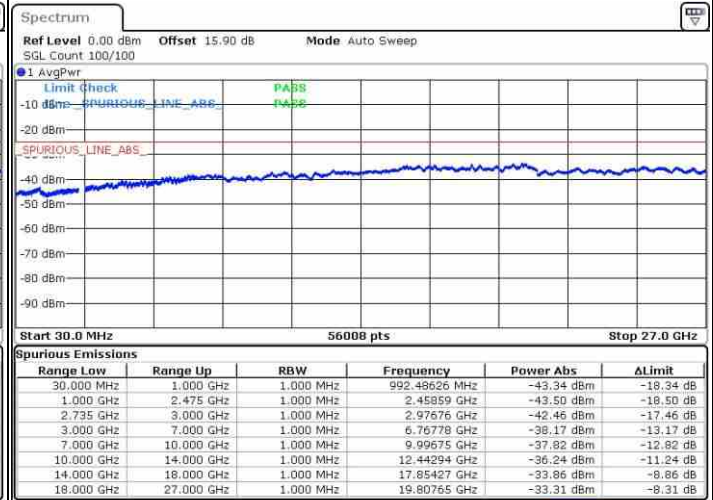
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



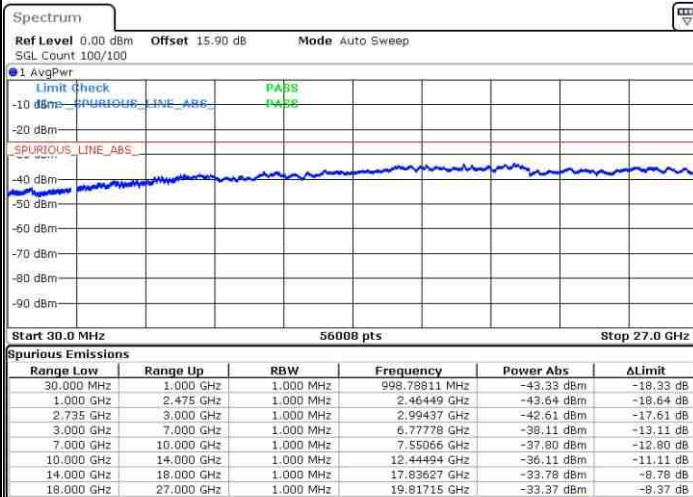
Date: 18 MAR 2019 20:27:28



Date: 18 MAR 2019 20:21:40

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 20:28:38

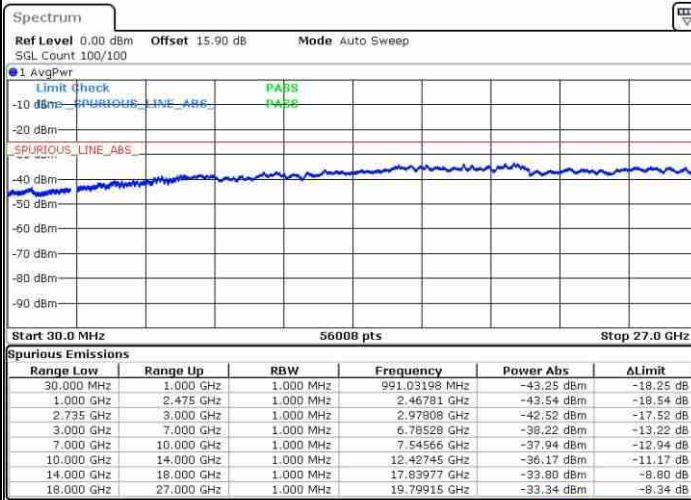


LTE Band 41 / 20MHz+5MHz

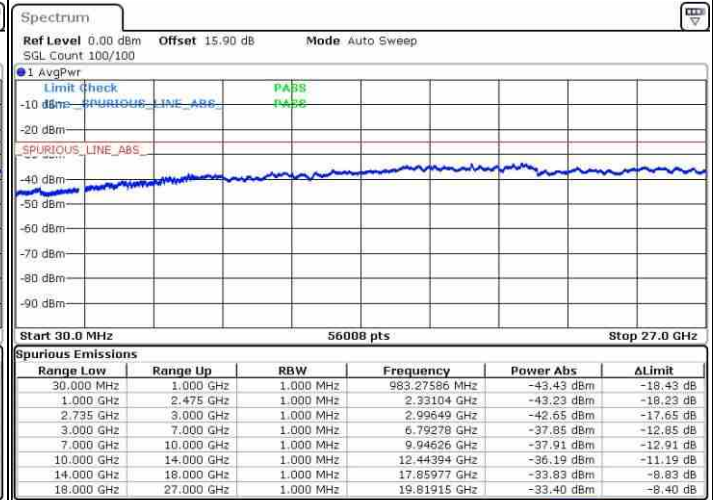
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



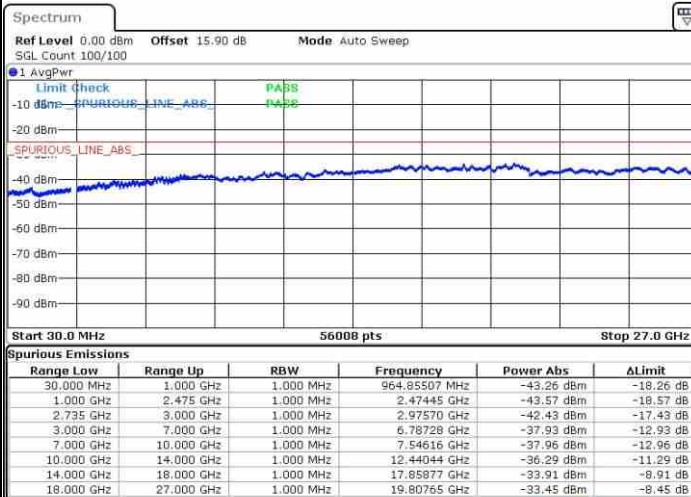
Date: 18 MAR 2019 20:35:36



Date: 18 MAR 2019 20:41:24

Middle Channel / FullRB

N/A



Date: 18 MAR 2019 20:34:26

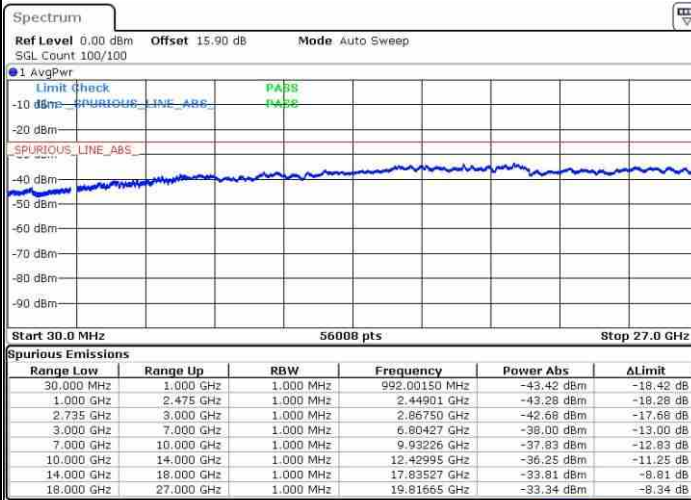


LTE Band 41 / 20MHz+5MHz

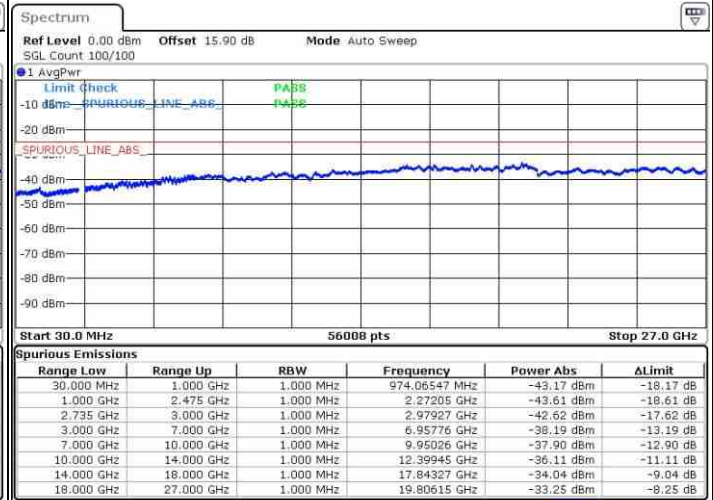
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



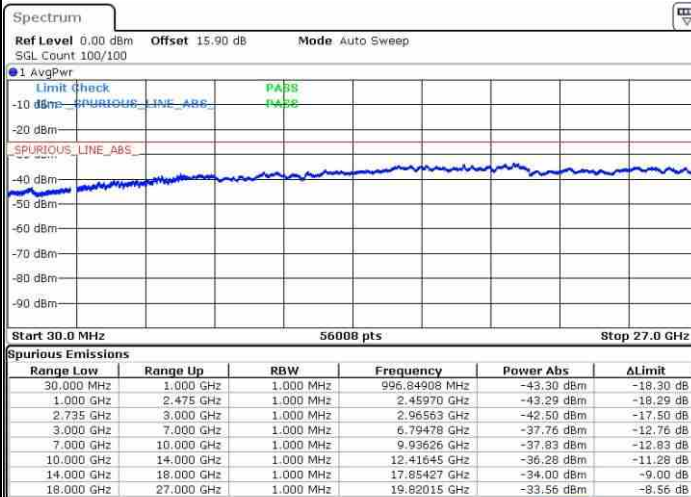
Date: 18 MAR 2019 10:21:55



Date: 18 MAR 2019 10:20:25

Highest Channel / FullIRB

N/A



Date: 18 MAR 2019 10:29:30

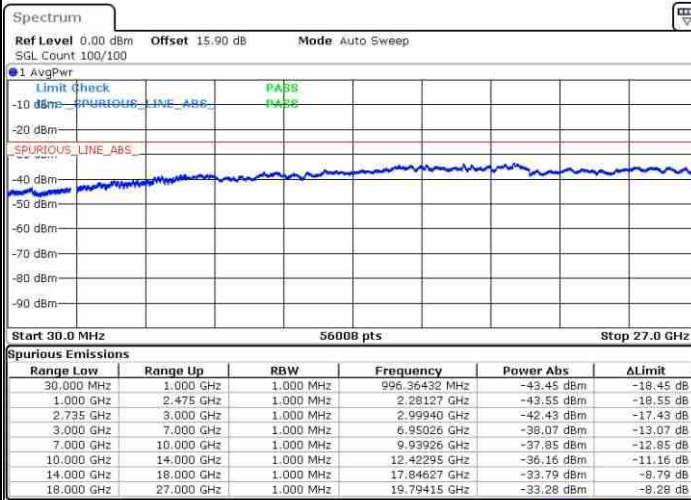


LTE Band 41 / 20MHz+10MHz

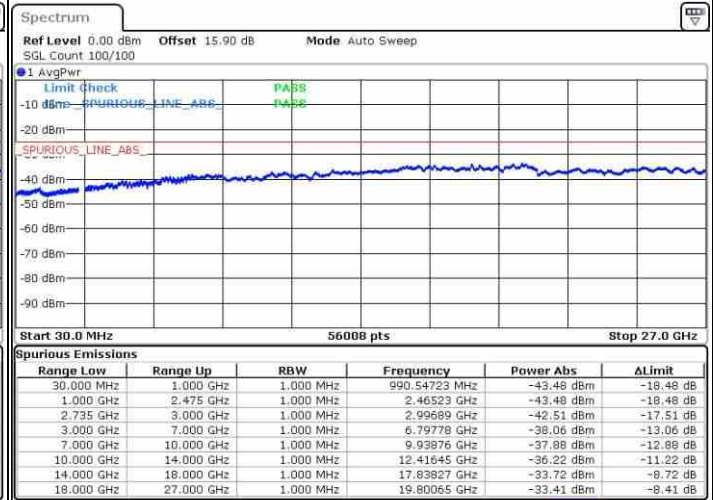
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



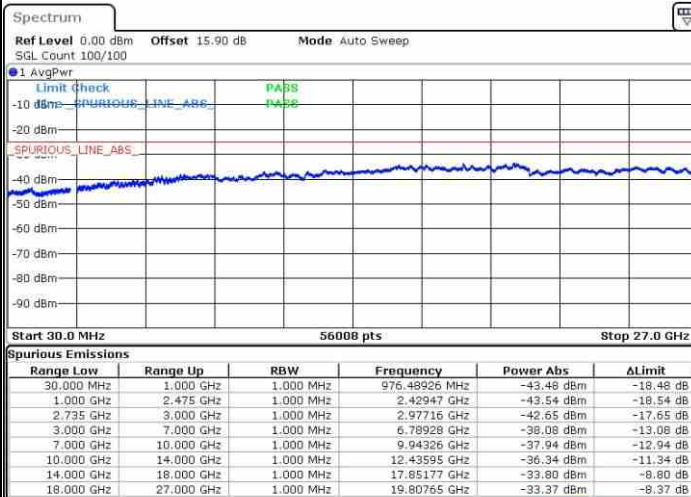
Date: 18 MAR 2019 22:05:34



Date: 18 MAR 2019 21:59:44

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 22:06:44

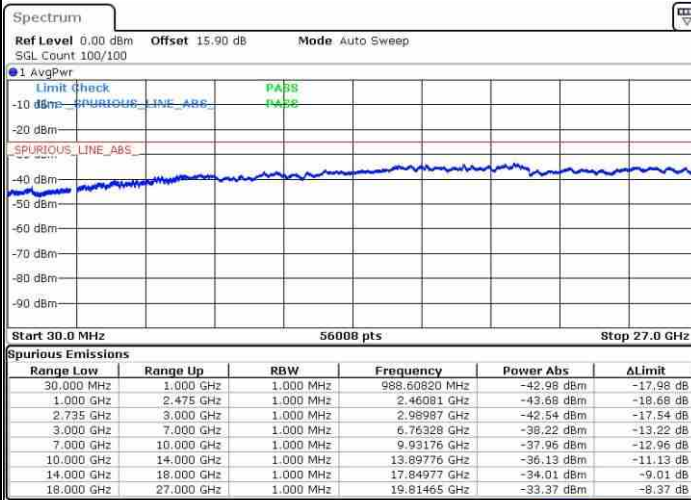


LTE Band 41 / 20MHz+10MHz

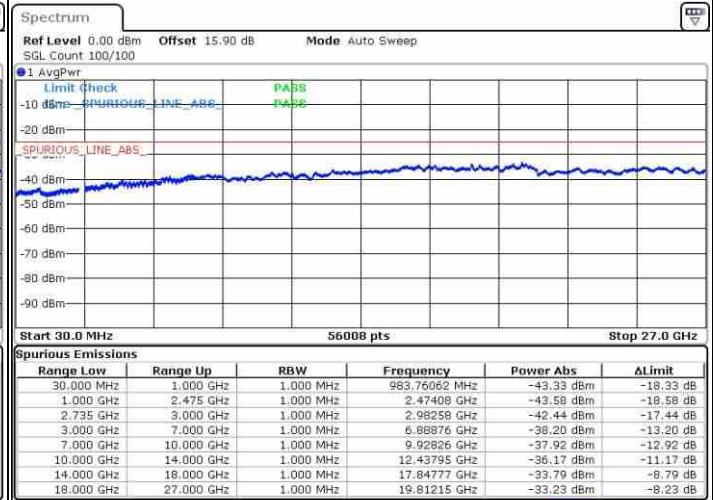
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



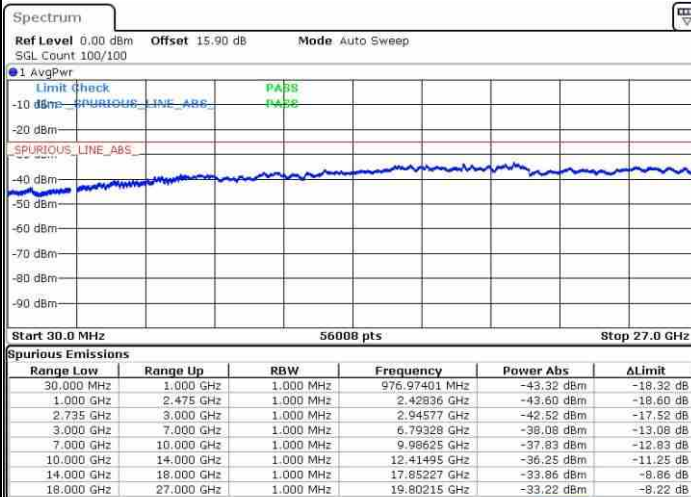
Date: 18 MAR 2019 22:13:44



Date: 18 MAR 2019 22:19:33

Middle Channel / FullIRB

N/A



Date: 18 MAR 2019 22:12:34

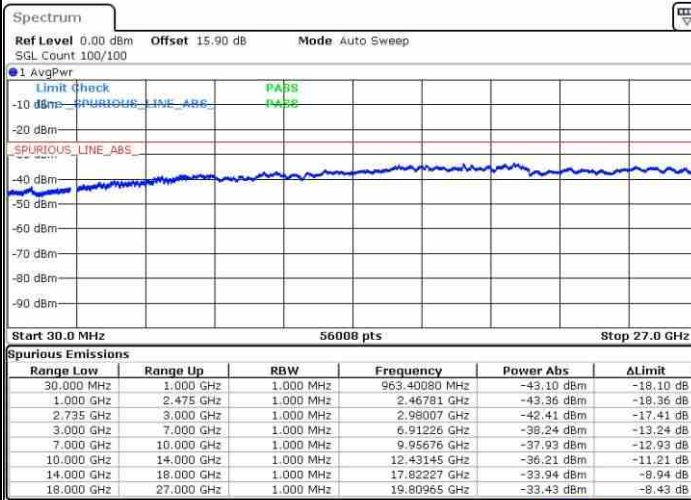


LTE Band 41 / 20MHz+10MHz

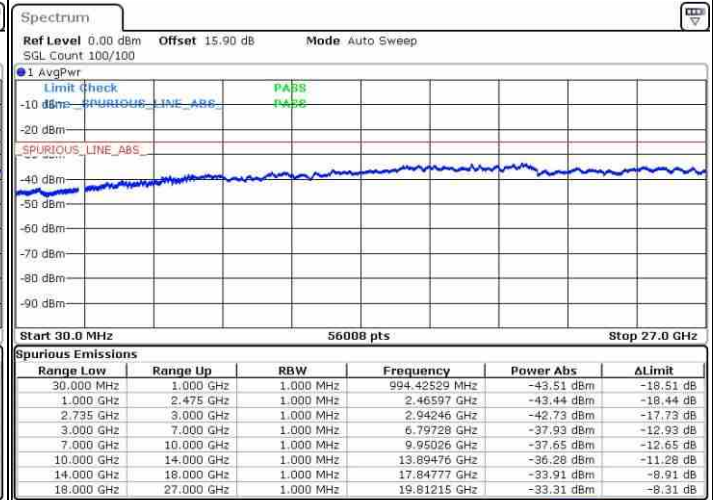
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



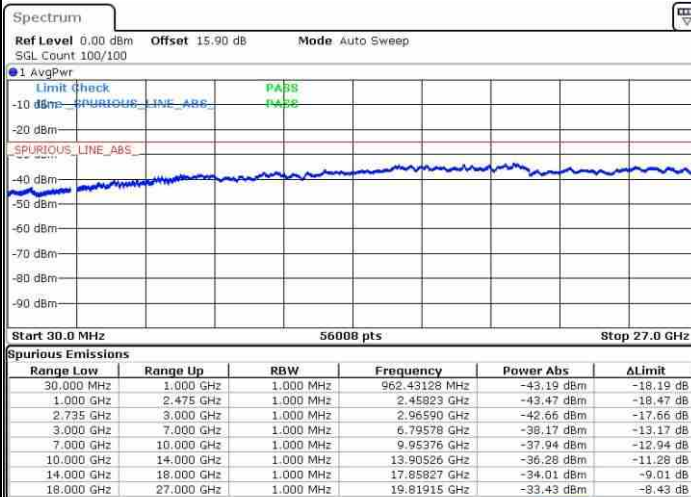
Date: 18 MAR 2019 22:24:13



Date: 18 MAR 2019 22:23:04

Highest Channel / FullRB

N/A



Date: 18 MAR 2019 22:30:04

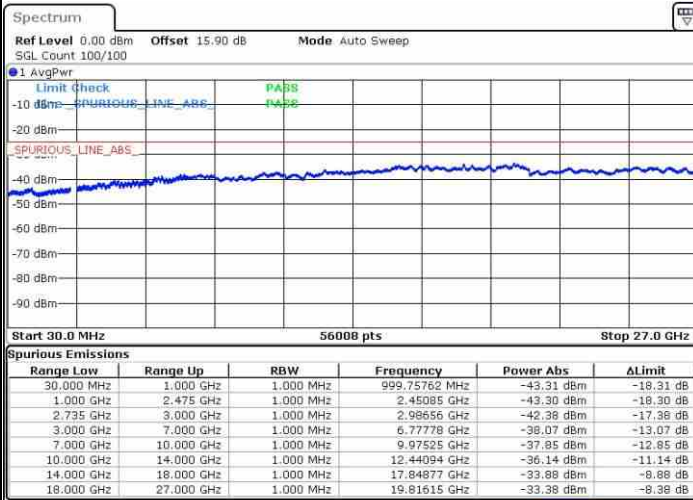


LTE Band 41 / 20MHz+15MHz

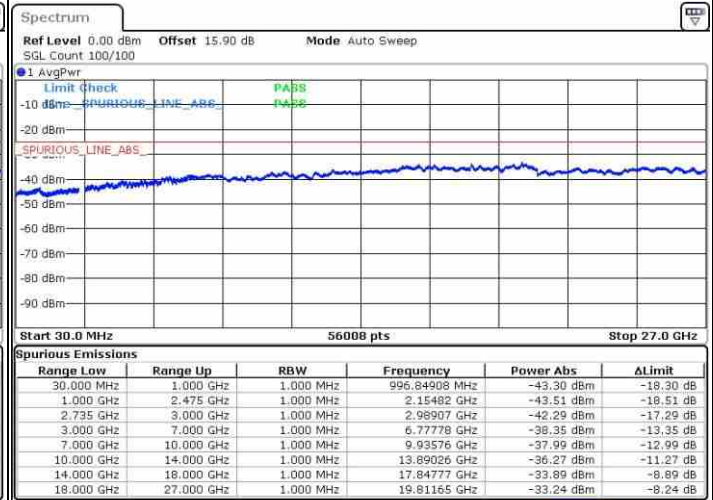
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



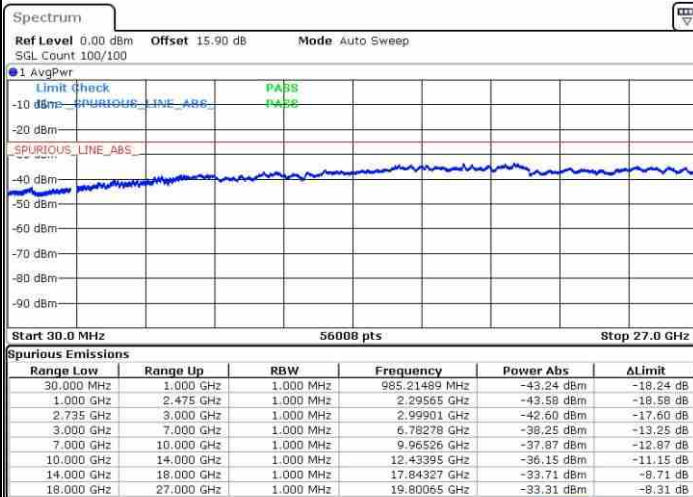
Date: 18 MAR 2019 23:40:05



Date: 18 MAR 2019 23:34:15

Lowest Channel / FullIRB

N/A



Date: 18 MAR 2019 23:41:16

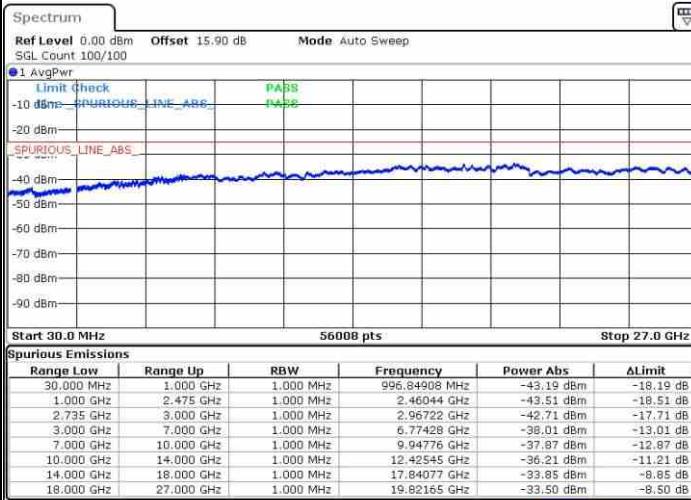


LTE Band 41 / 20MHz+15MHz

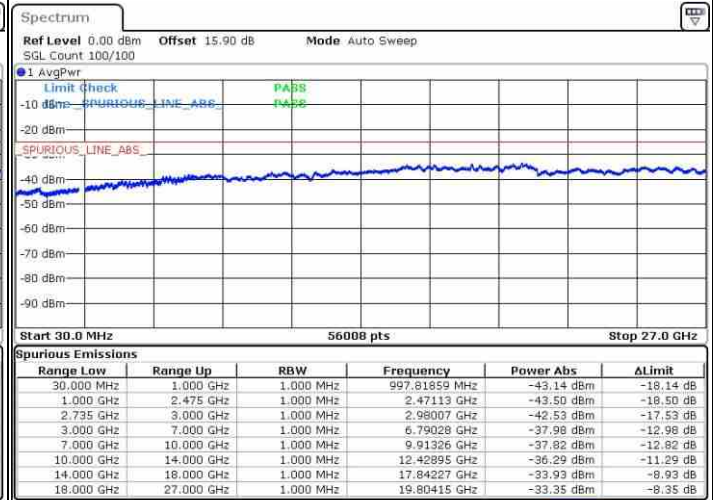
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



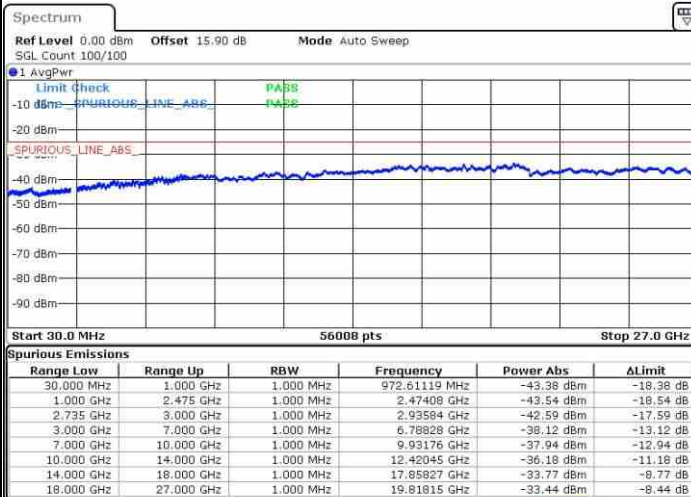
Date: 19.MAR.2019 07:51:07



Date: 19.MAR.2019 07:56:57

Middle Channel / FullRB

N/A



Date: 19.MAR.2019 07:49:57

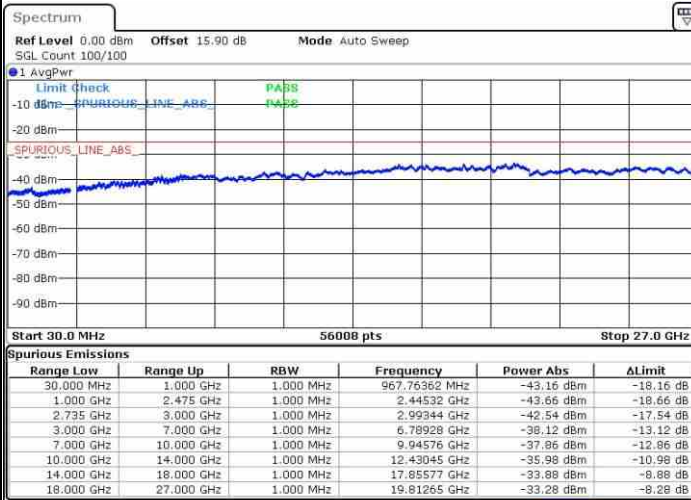


LTE Band 41 / 20MHz+15MHz

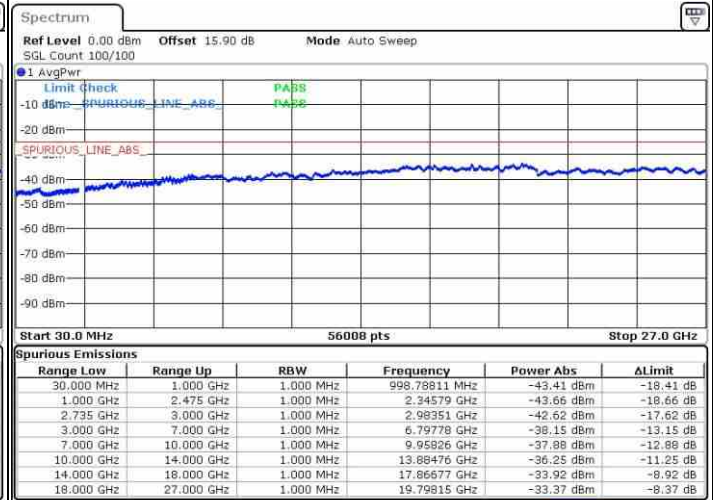
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



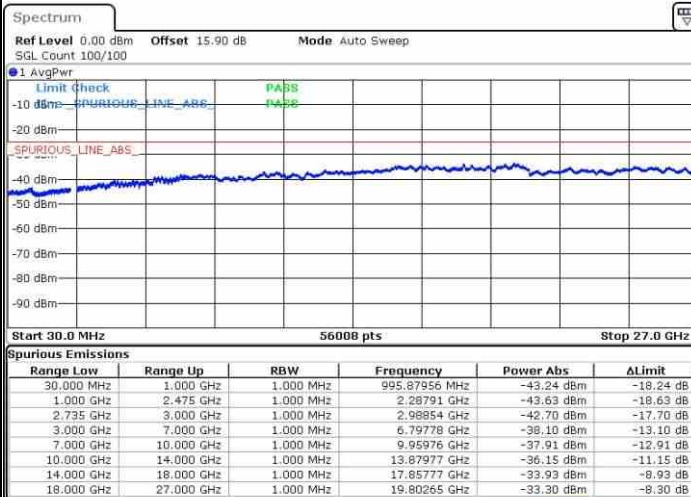
Date: 19.MAR.2019 08:01:38



Date: 19.MAR.2019 08:00:28

Highest Channel / FullIRB

N/A



Date: 19.MAR.2019 08:07:28

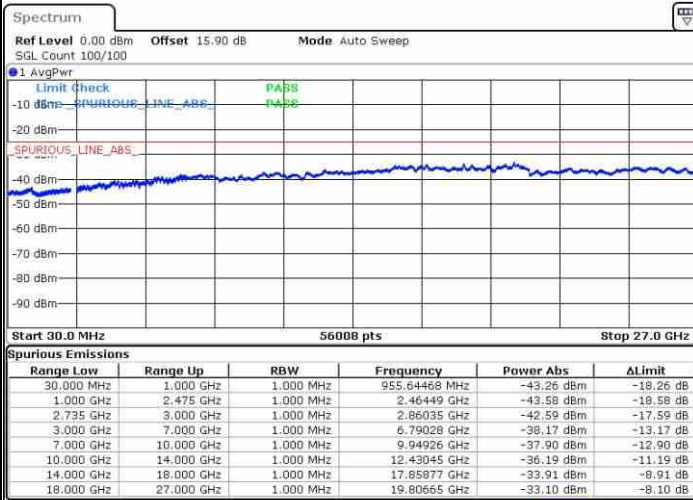


LTE Band 41 / 20MHz+20MHz

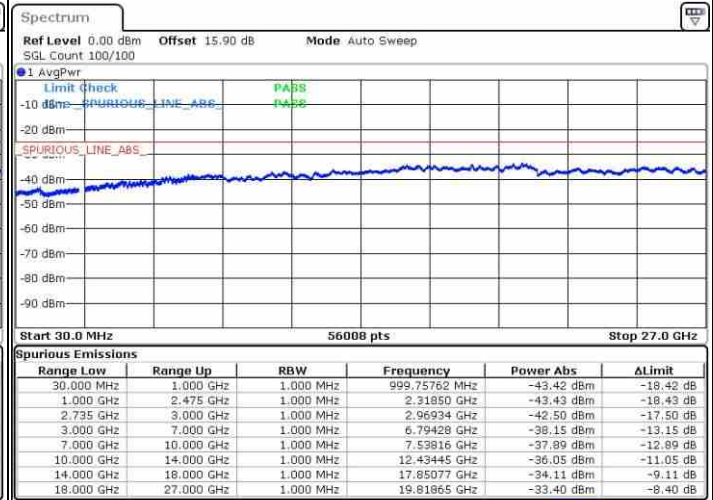
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



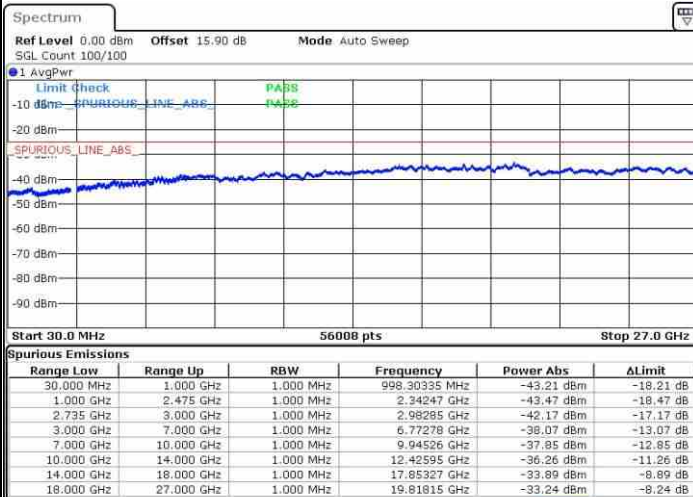
Date: 19.MAR.2019 08:14:28



Date: 19.MAR.2019 08:08:39

Lowest Channel / FullIRB

N/A



Date: 19.MAR.2019 08:15:39

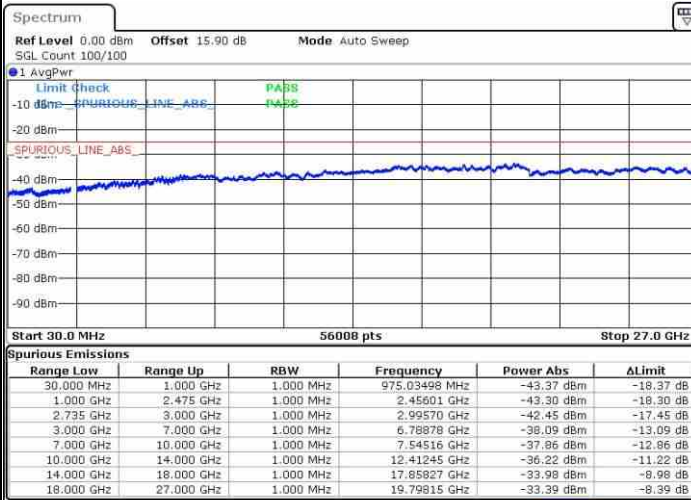


LTE Band 41 / 20MHz+20MHz

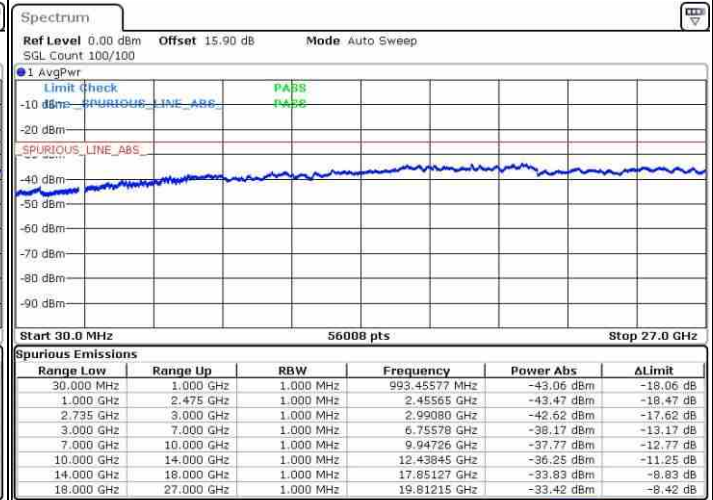
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



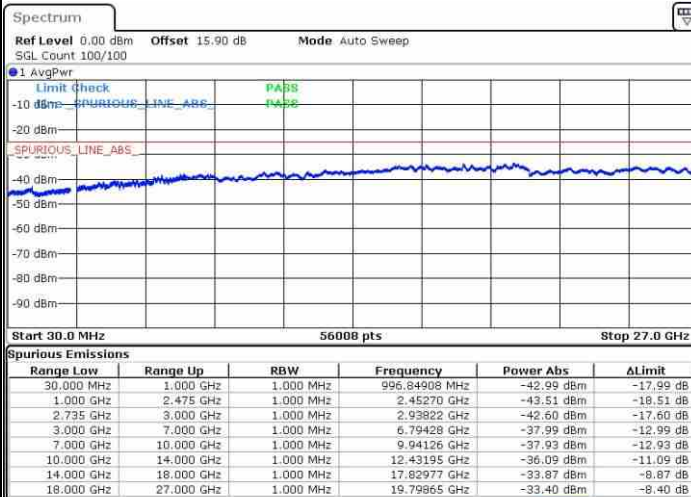
Date: 19.MAR.2019 08:22:39



Date: 19.MAR.2019 08:28:29

Middle Channel / FullIRB

N/A



Date: 19.MAR.2019 08:21:29

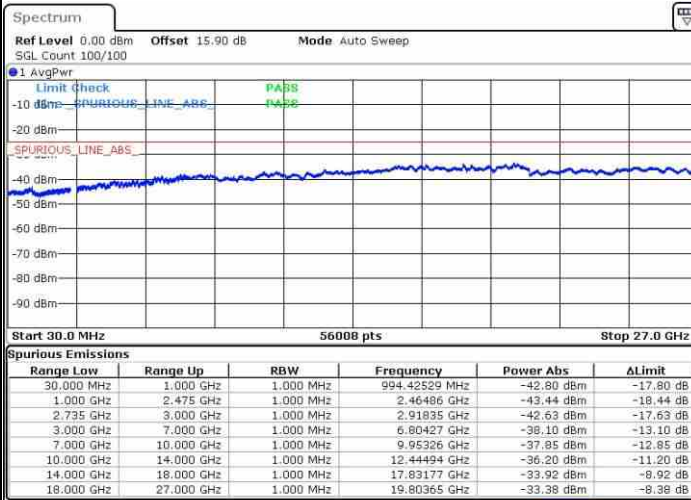


LTE Band 41 / 20MHz+20MHz

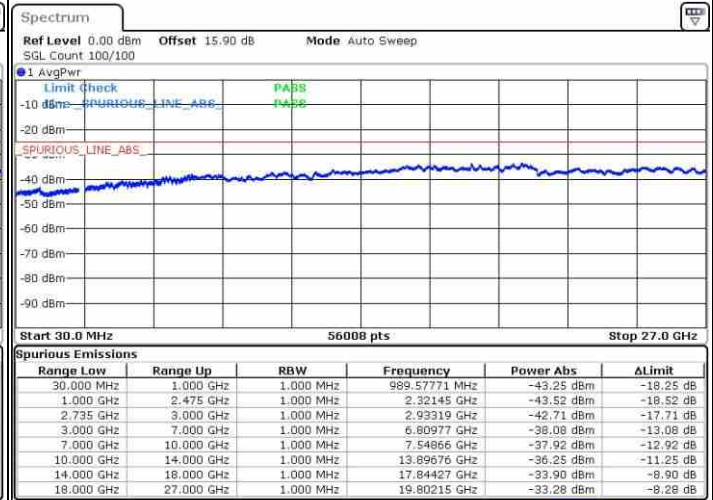
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



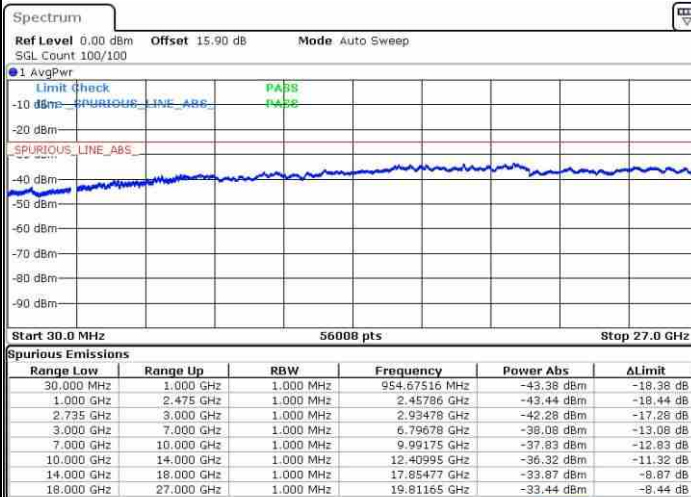
Date: 19.MAR.2019 08:33:10



Date: 19.MAR.2019 08:32:00

Highest Channel / FullRB

N/A



Date: 19.MAR.2019 08:39:03



LTE Band 66

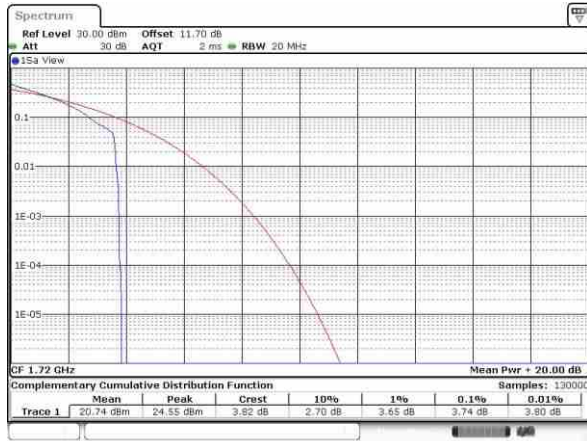
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.74	4.41	4.41	5.57	PASS
Middle CH	3.59	4.58	4.43	5.57	
Highest CH	3.59	4.43	4.38	5.51	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.62	6.17	-	-	PASS
Middle CH	5.45	6.23	-	-	
Highest CH	5.45	6.29	-	-	

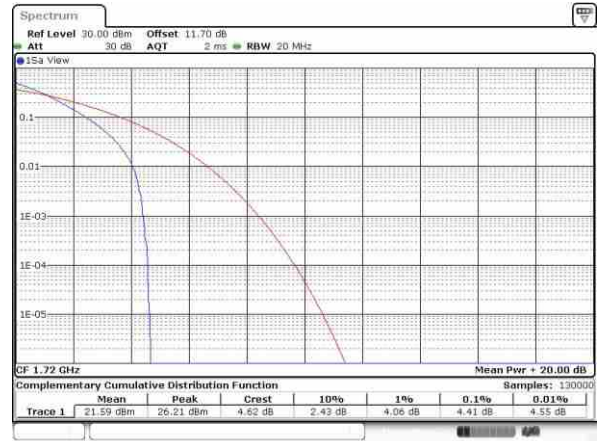


LTE Band 66 / 20MHz / QPSK

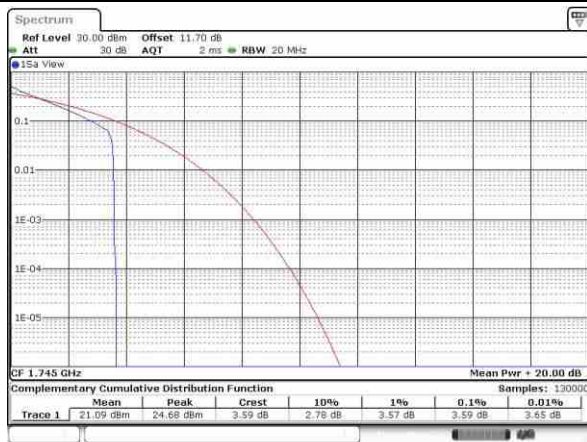
Lowest Channel / 1RB



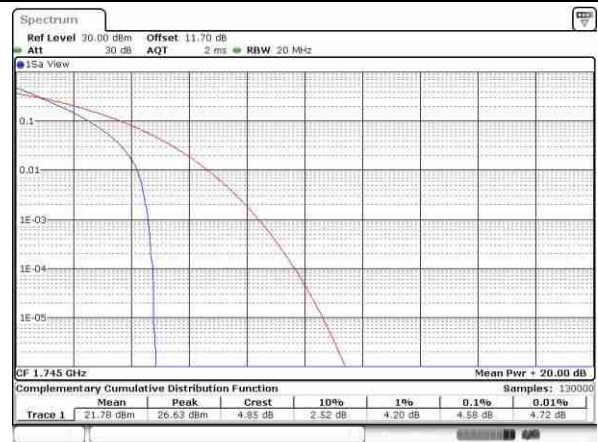
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



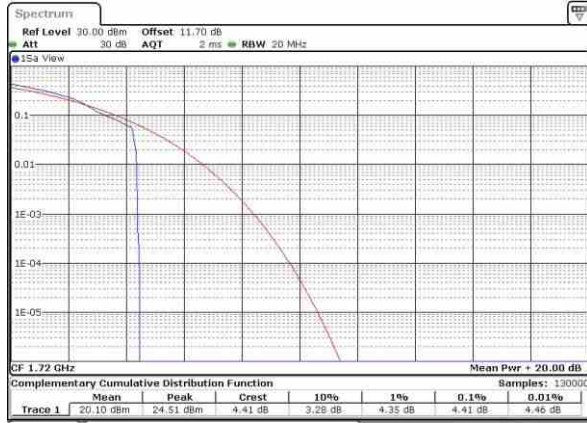
Highest Channel / Full RB





LTE Band 66 / 20MHz / 16QAM

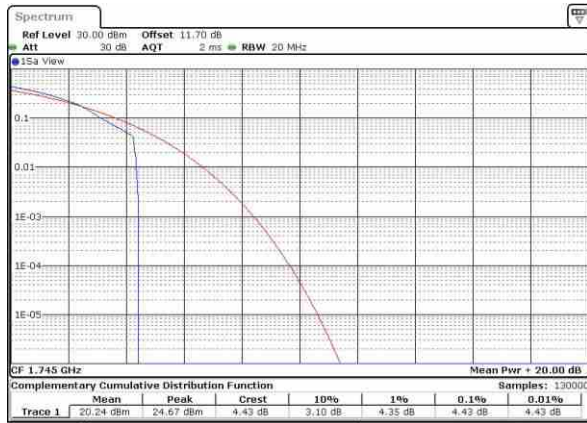
Lowest Channel / 1RB



Lowest Channel / Full RB



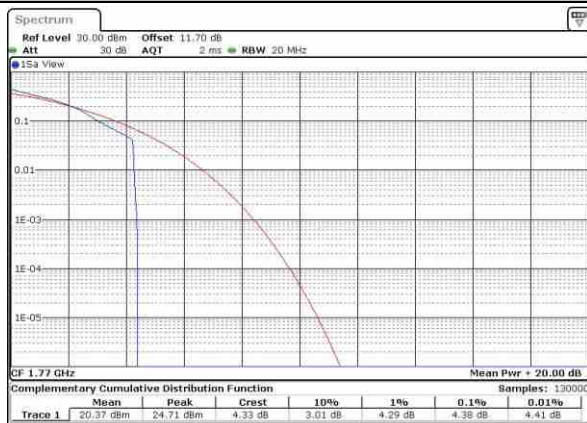
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



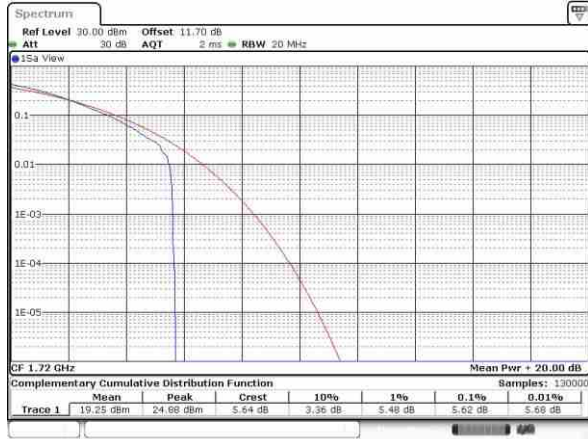
Highest Channel / Full RB



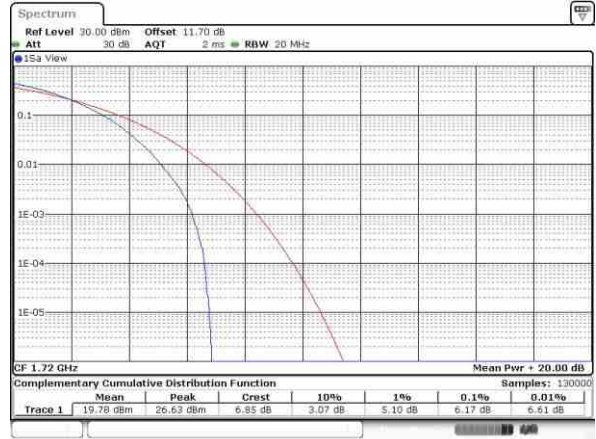


LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



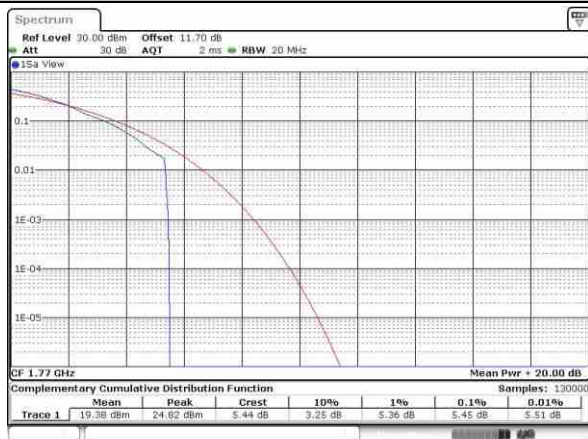
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



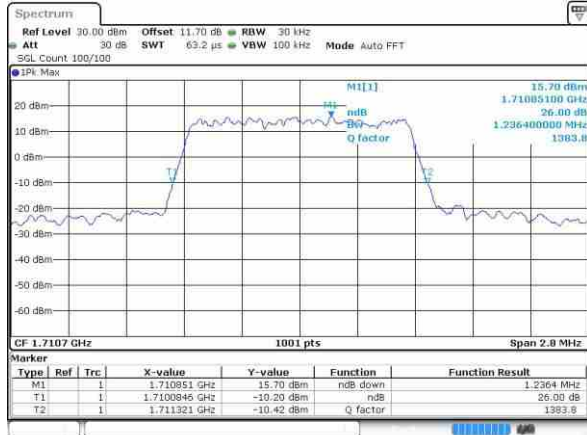
**26dB Bandwidth**

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	1.24	1.23	3.01	2.97	4.81	4.92	9.87	9.87	14.39	14.45	20.22	20.14
Middle CH	1.23	1.23	3.01	3.03	4.88	4.90	9.87	9.77	14.36	14.54	20.18	20.26
Highest CH	1.21	1.21	2.99	3.02	4.78	4.80	9.67	9.85	14.36	14.51	20.18	20.18
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.02	-	4.95	-	9.73	-	14.45	-	20.14	-
Middle CH	1.23	-	2.98	-	4.93	-	9.81	-	14.30	-	20.14	-
Highest CH	1.24	-	3.01	-	4.91	-	9.87	-	14.36	-	20.14	-

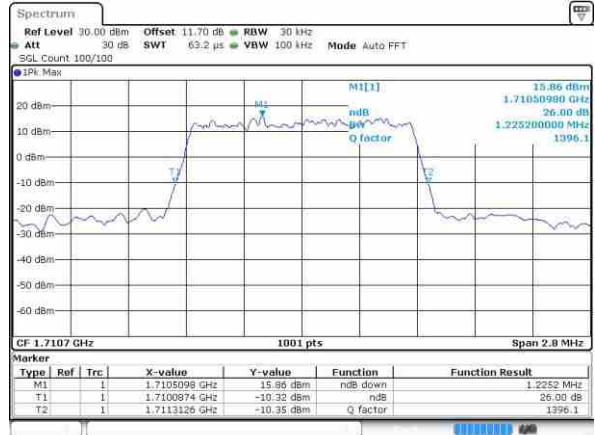


LTE Band 66

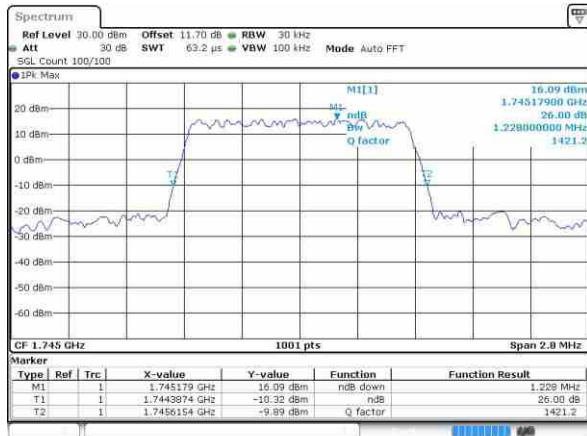
Lowest Channel / 1.4MHz / QPSK



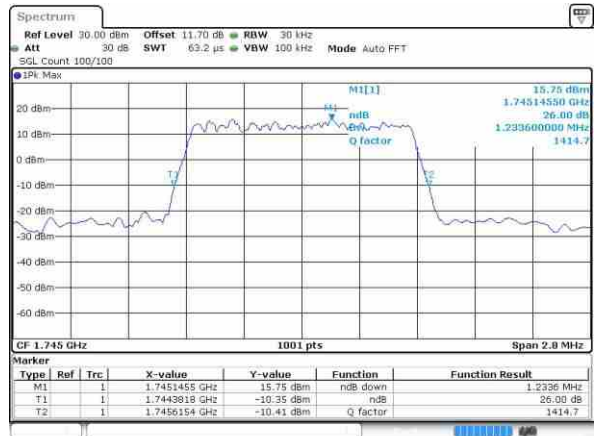
Lowest Channel / 1.4MHz / 16QAM



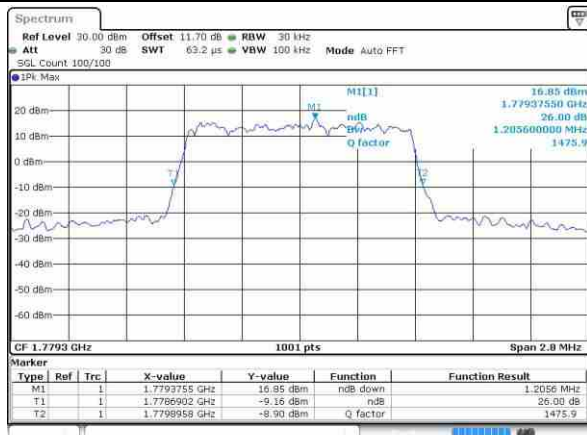
Middle Channel / 1.4MHz / QPSK



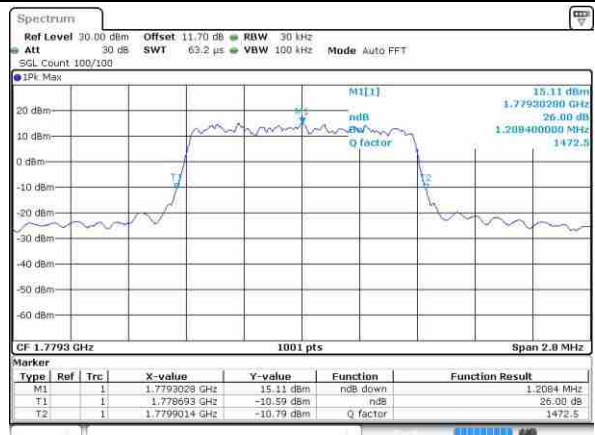
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



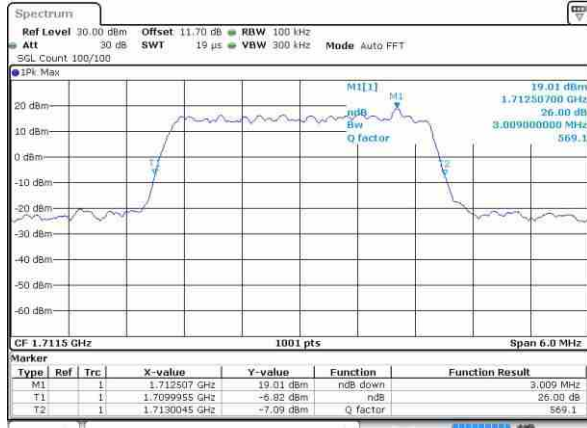
Highest Channel / 1.4MHz / 16QAM





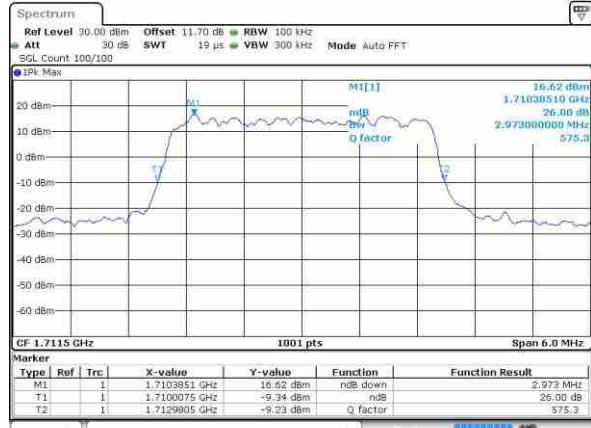
LTE Band 66

Lowest Channel / 3MHz / QPSK



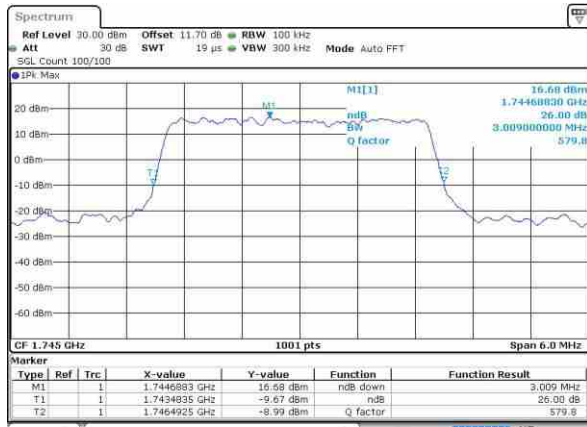
Date: 26 FEB 2019 18:33:59

Lowest Channel / 3MHz / 16QAM



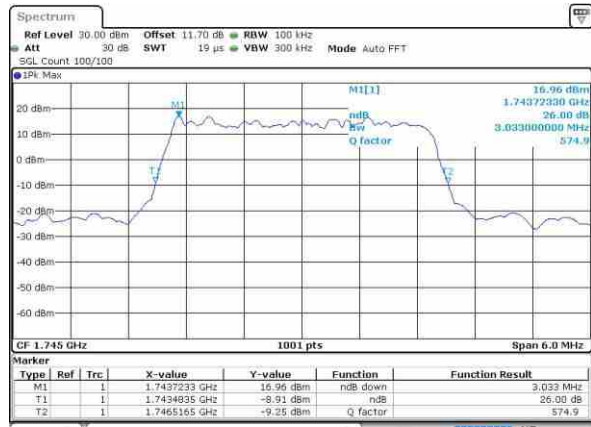
Date: 26 FEB 2019 18:34:10

Middle Channel / 3MHz / QPSK



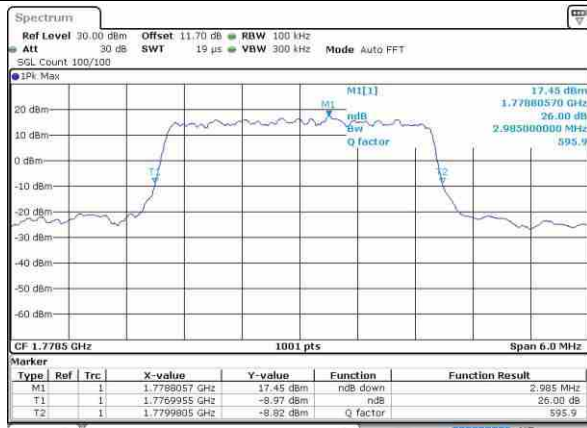
Date: 26 FEB 2019 18:41:27

Middle Channel / 3MHz / 16QAM



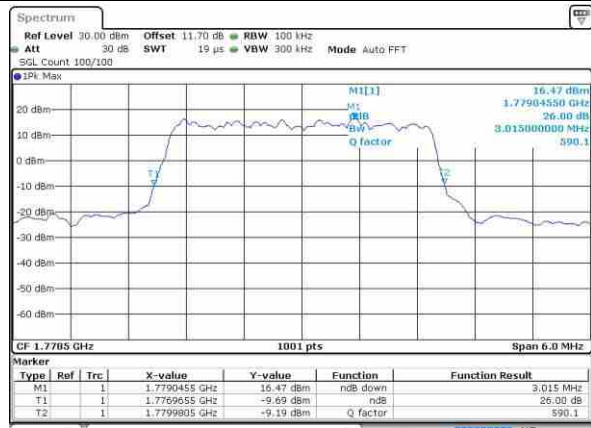
Date: 26 FEB 2019 18:41:39

Highest Channel / 3MHz / QPSK



Date: 26 FEB 2019 18:44:15

Highest Channel / 3MHz / 16QAM



Date: 26 FEB 2019 18:44:26