

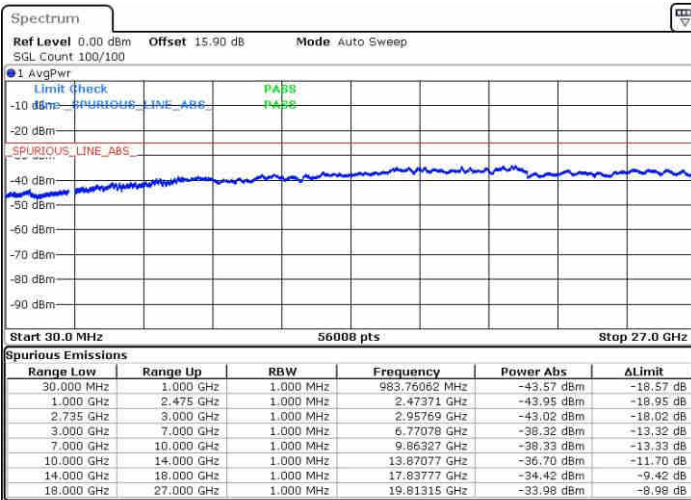


LTE Band 41 / 15MHz+15MHz

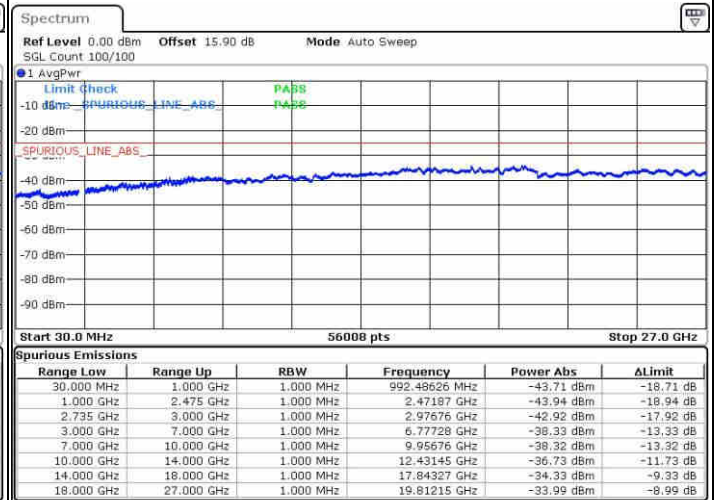
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



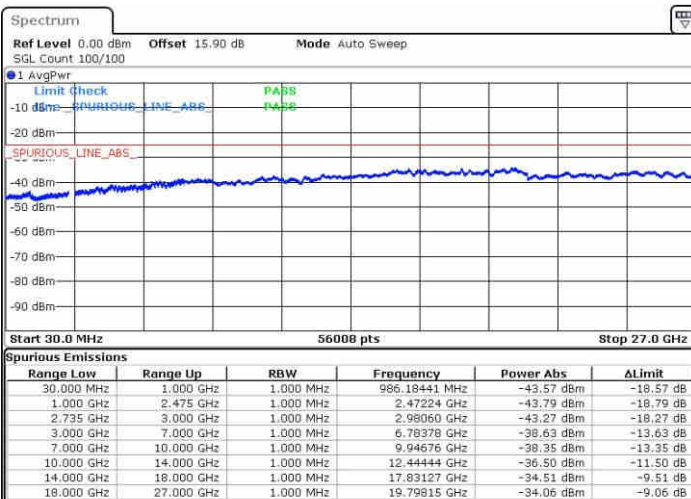
Date: 20 JUN 2019 21:41:23



Date: 20 JUN 2019 21:34:27

Lowest Channel / FullRB

N/A



Date: 20 JUN 2019 21:42:46

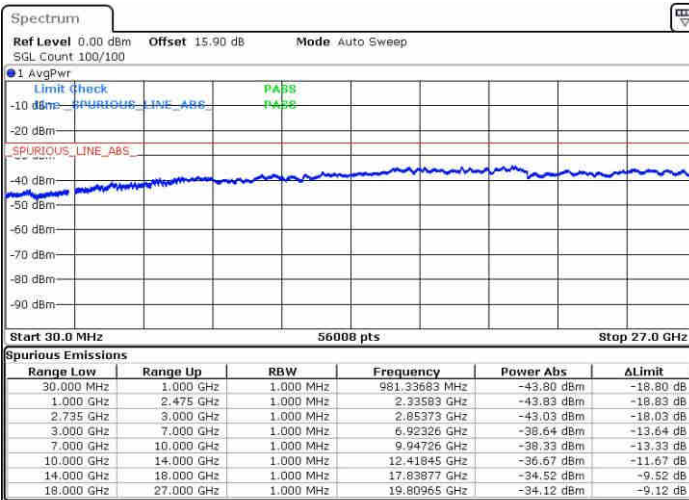


LTE Band 41 / 15MHz+15MHz

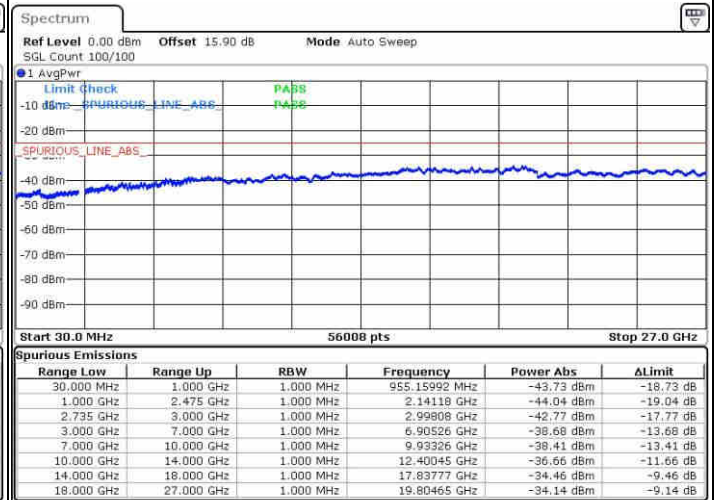
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



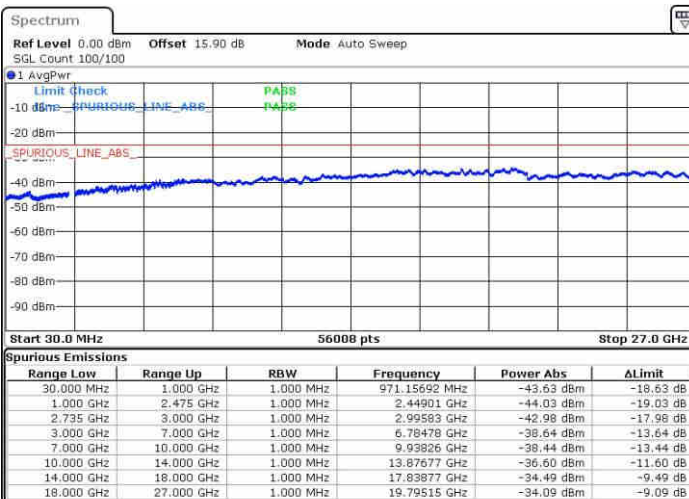
Date: 20 JUN 2019 21:56:03



Date: 20 JUN 2019 22:02:58

Middle Channel / FullIRB

N/A



Date: 20 JUN 2019 21:54:40

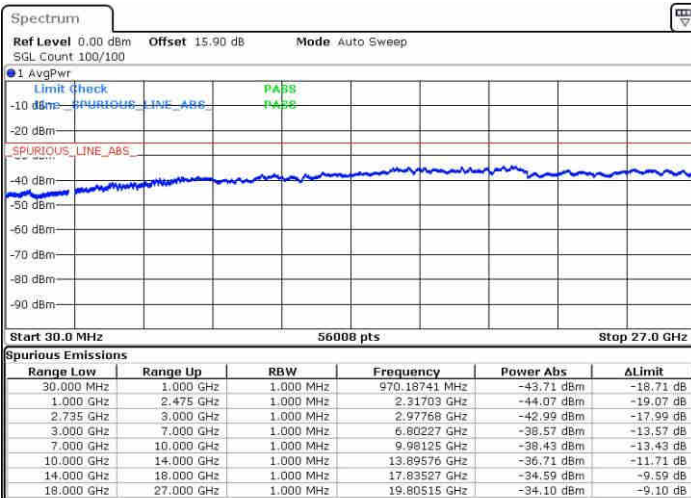


LTE Band 41 / 15MHz+15MHz

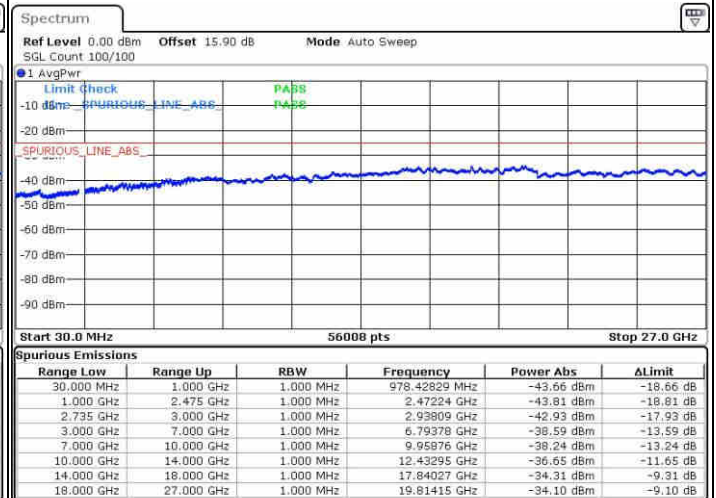
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



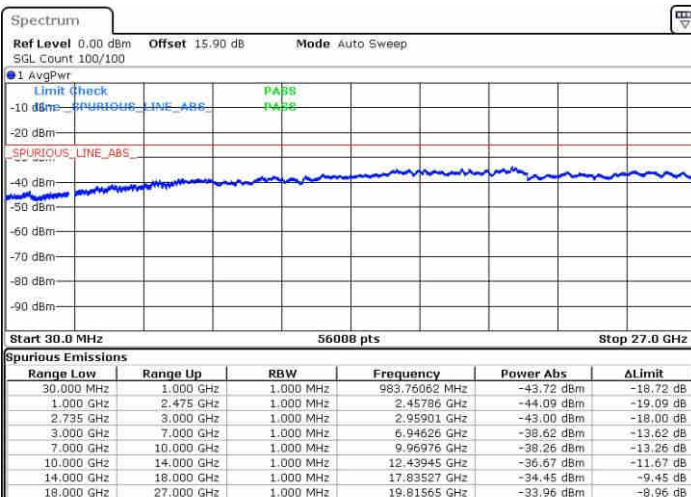
Date: 20 JUN 2019 22:09:53



Date: 20 JUN 2019 22:08:31

Highest Channel / FullIRB

N/A



Date: 20 JUN 2019 22:16:50

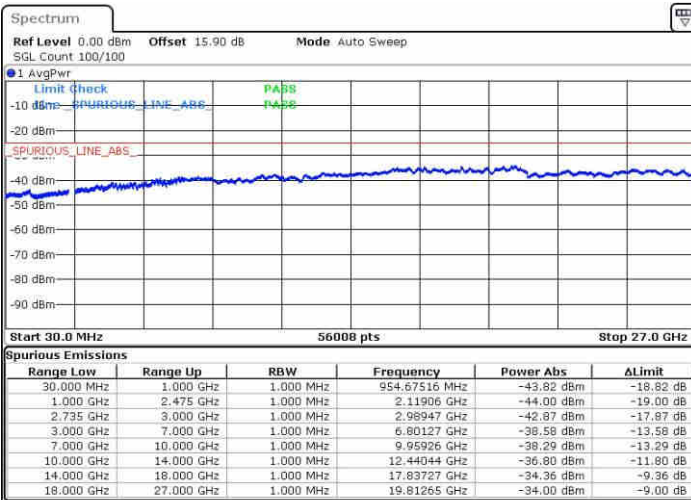


LTE Band 41 / 15MHz+20MHz

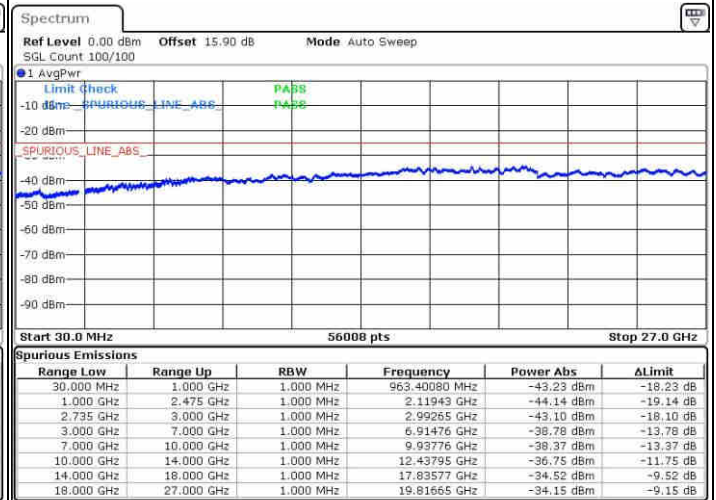
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



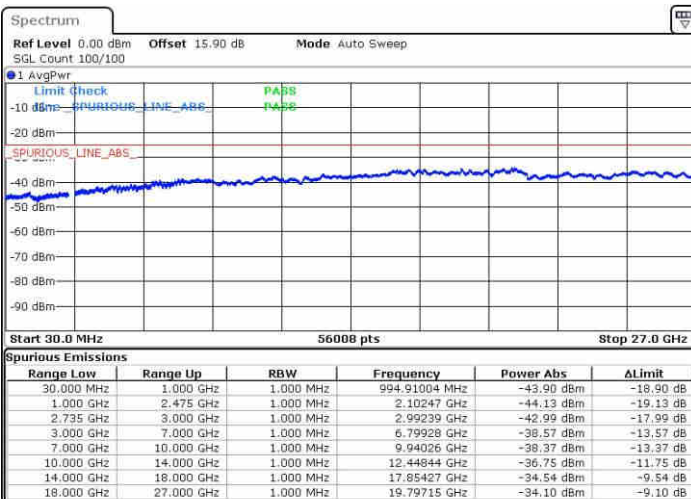
Date: 20 JUN 2019 22:29:33



Date: 20 JUN 2019 22:22:38

Lowest Channel / FullRB

N/A



Date: 20 JUN 2019 22:30:57

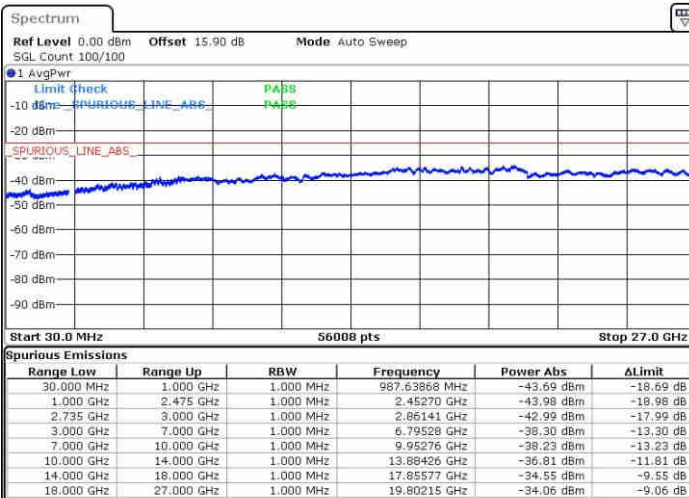


LTE Band 41 / 15MHz+20MHz

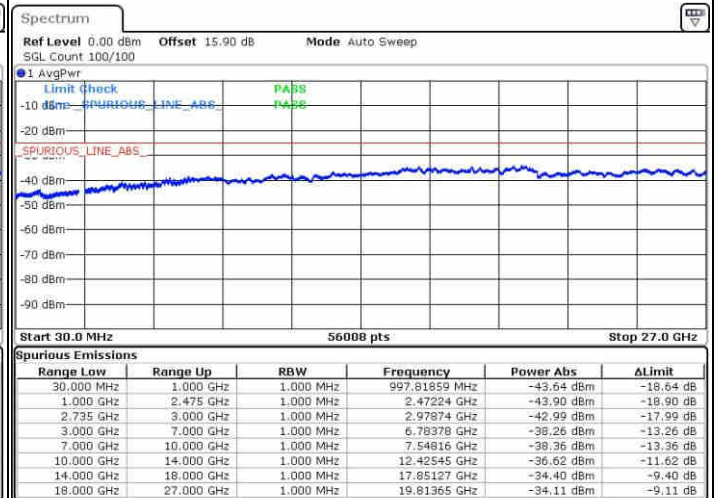
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



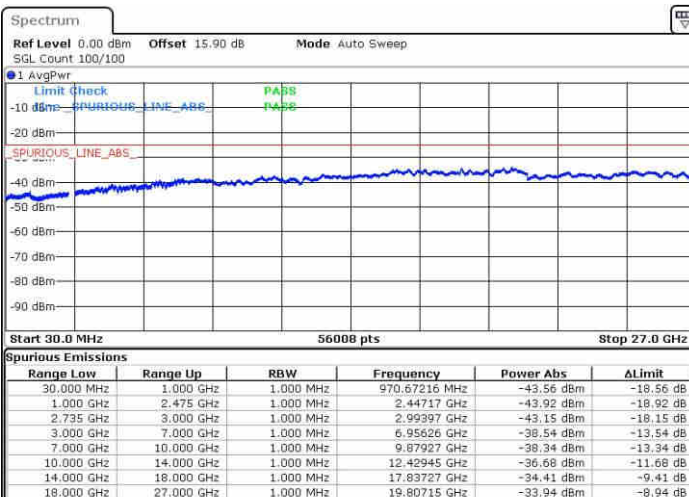
Date: 20 JUN 2019 22:40:57



Date: 20 JUN 2019 22:47:52

Middle Channel / FullIRB

N/A



Date: 20 JUN 2019 22:39:34

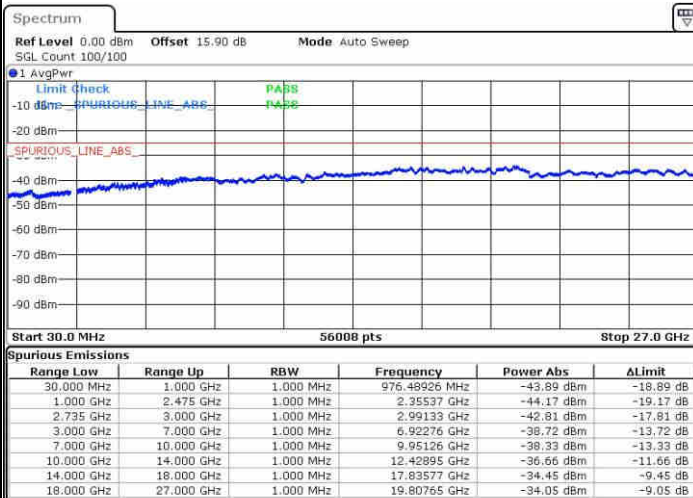


LTE Band 41 / 15MHz+20MHz

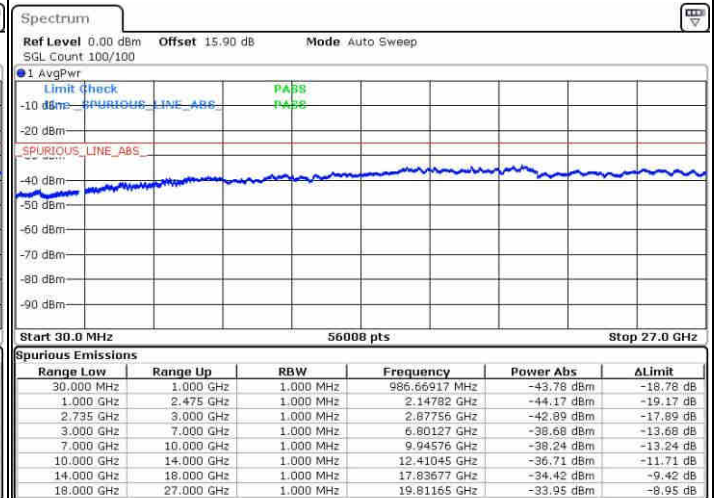
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



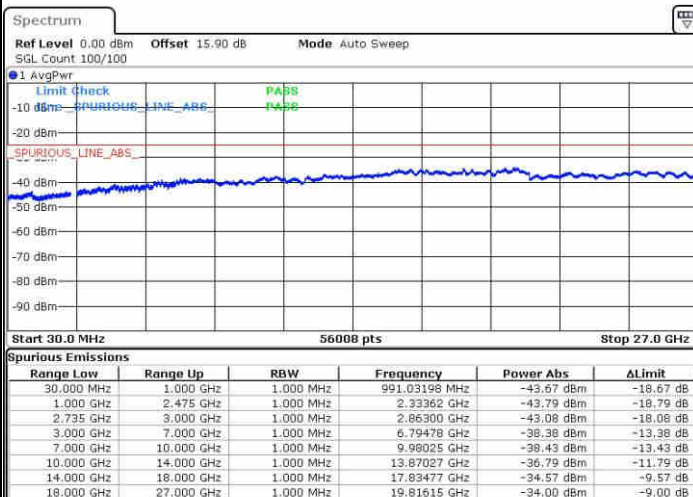
Date: 20 JUN 2019 23:07:51



Date: 20 JUN 2019 23:06:29

Highest Channel / FullIRB

N/A



Date: 20 JUN 2019 23:14:47

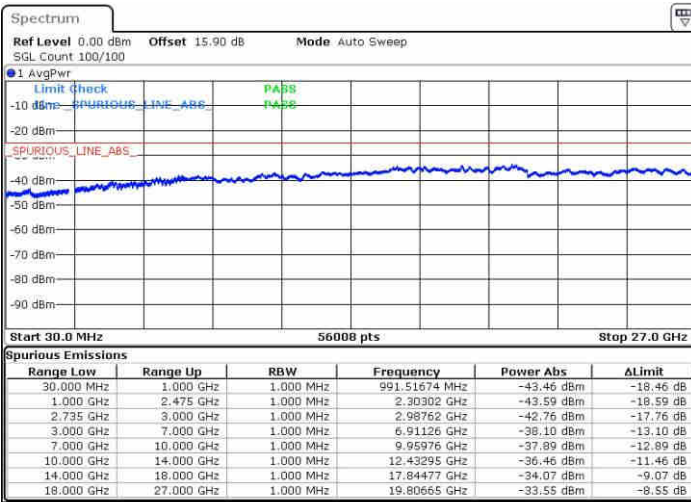


LTE Band 41 / 20MHz+5MHz

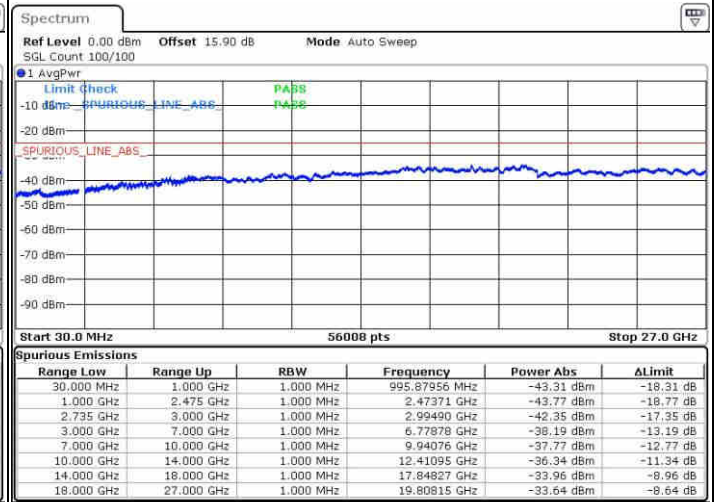
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



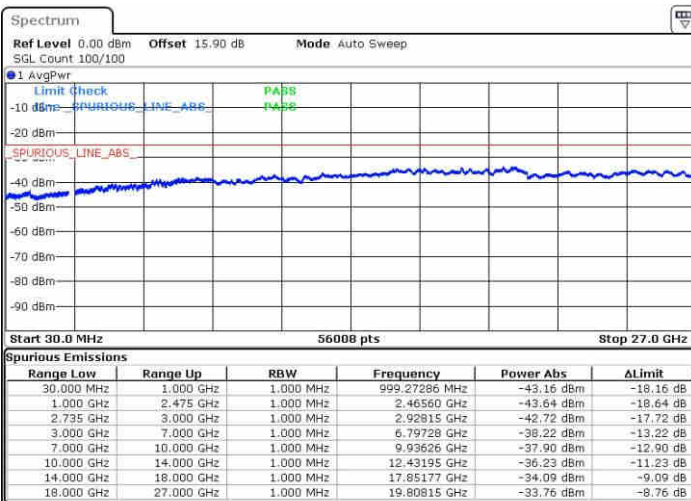
Date: 20 JUN 2019 00:05:20



Date: 19 JUN 2019 23:58:25

Lowest Channel / FullRB

N/A



Date: 20 JUN 2019 00:06:44

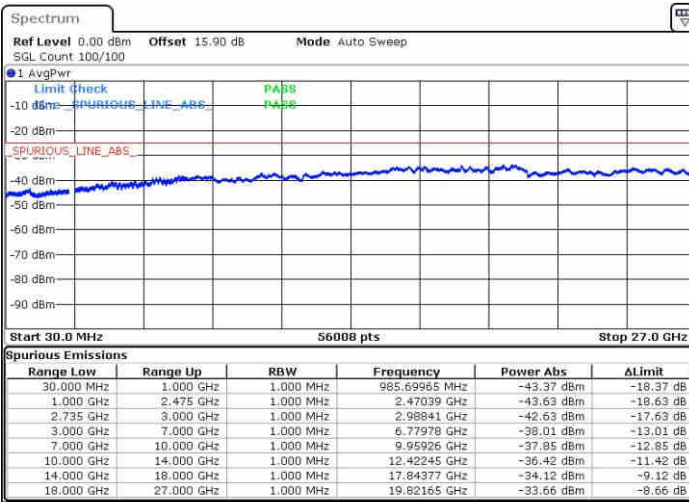


LTE Band 41 / 20MHz+5MHz

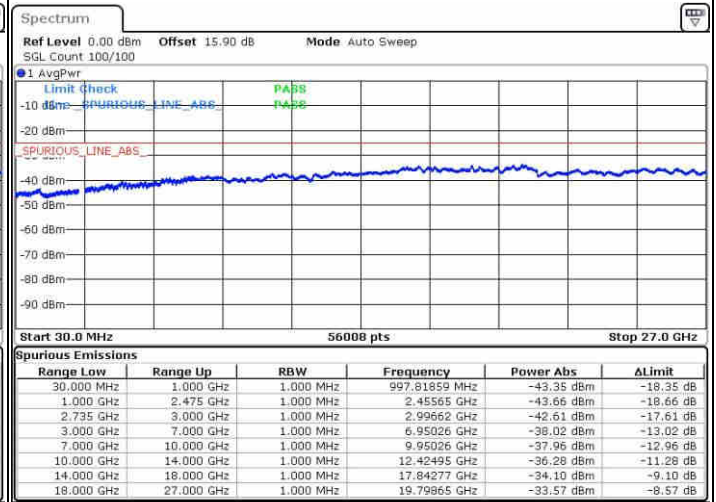
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



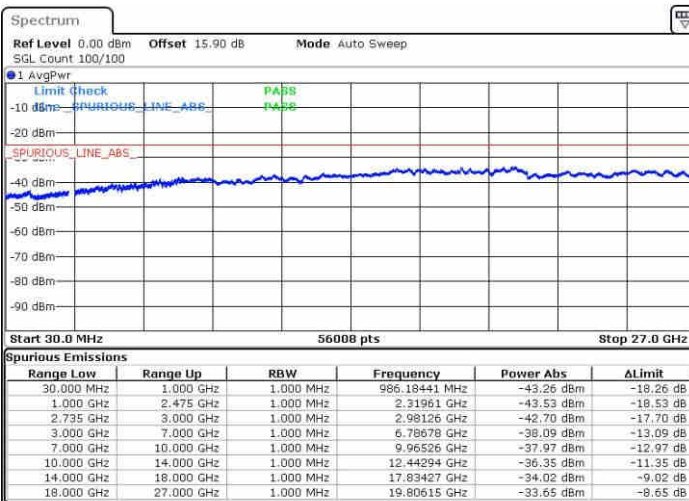
Date: 20 JUN 2019 00:17:25



Date: 20 JUN 2019 00:24:20

Middle Channel / FullIRB

N/A



Date: 20 JUN 2019 00:16:01

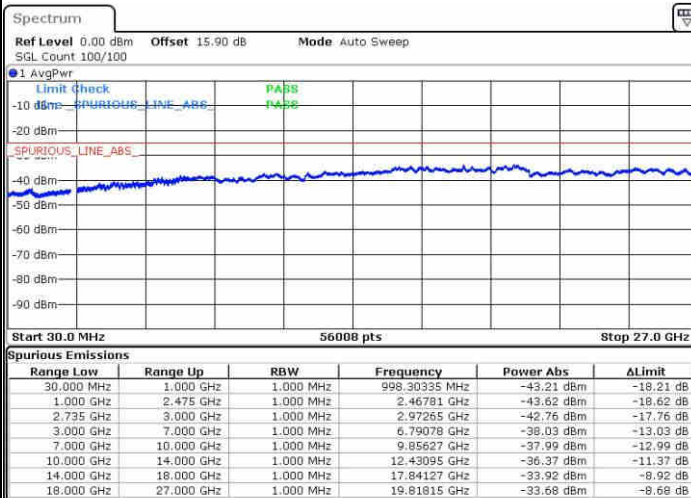


LTE Band 41 / 20MHz+5MHz

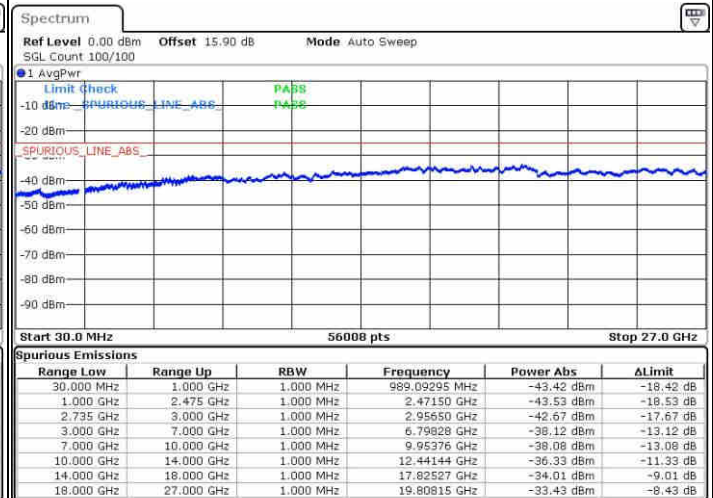
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



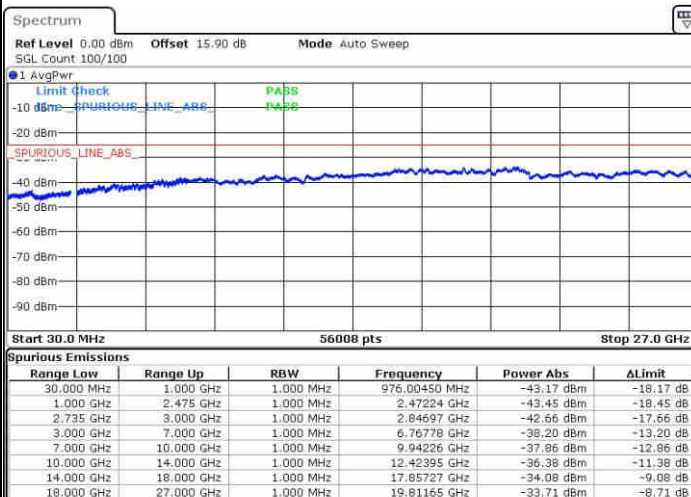
Date: 20 JUN 2019 00:47:52



Date: 20 JUN 2019 00:48:30

Highest Channel / FullIRB

N/A



Date: 20 JUN 2019 00:54:48

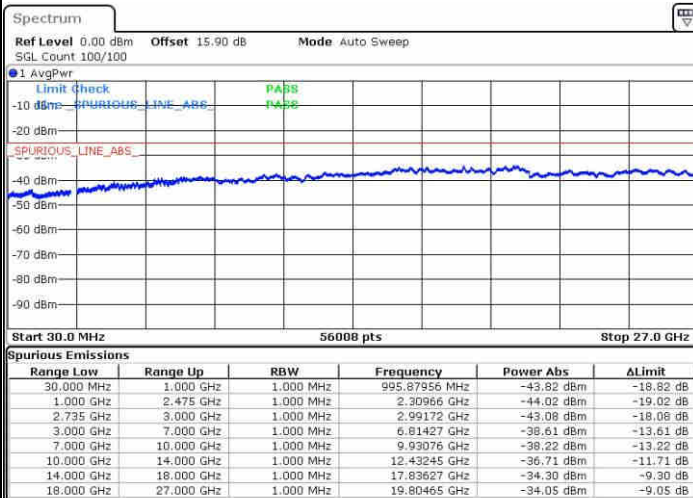


LTE Band 41 / 20MHz+10MHz

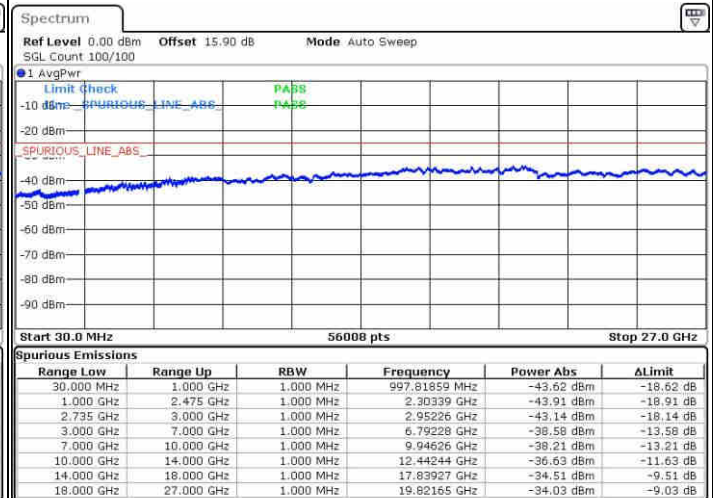
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



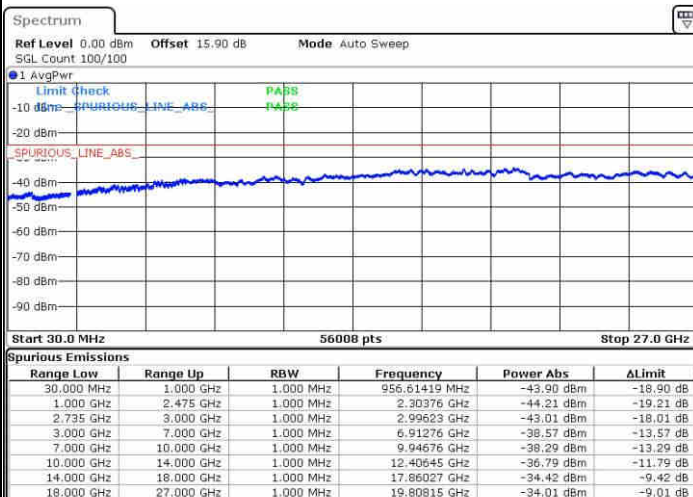
Date: 20 JUN 2019 23:30:53



Date: 20 JUN 2019 23:23:58

Lowest Channel / FullRB

N/A



Date: 20 JUN 2019 23:32:16

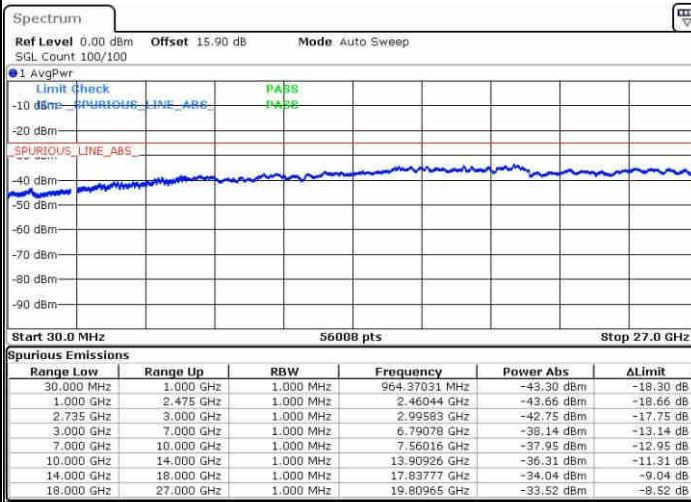


LTE Band 41 / 20MHz+10MHz

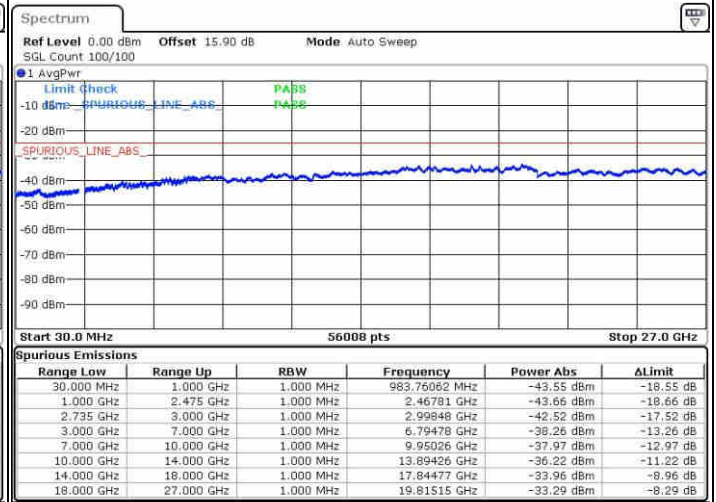
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



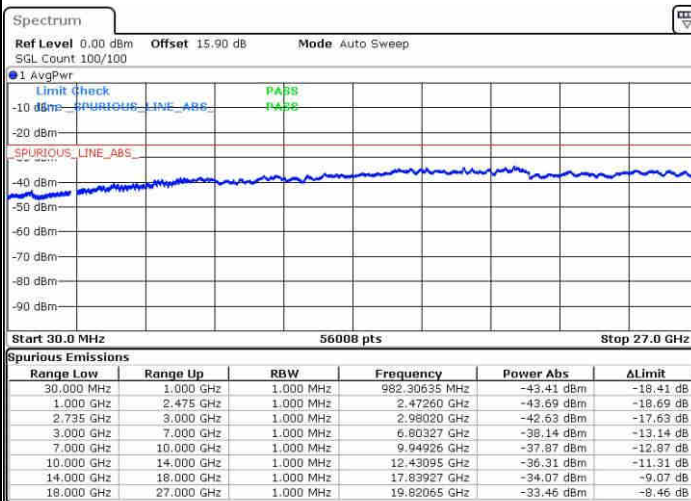
Date: 18 APR 2019 21:58:56



Date: 18 APR 2019 22:06:03

Middle Channel / FullIRB

N/A



Date: 18 APR 2019 21:57:30

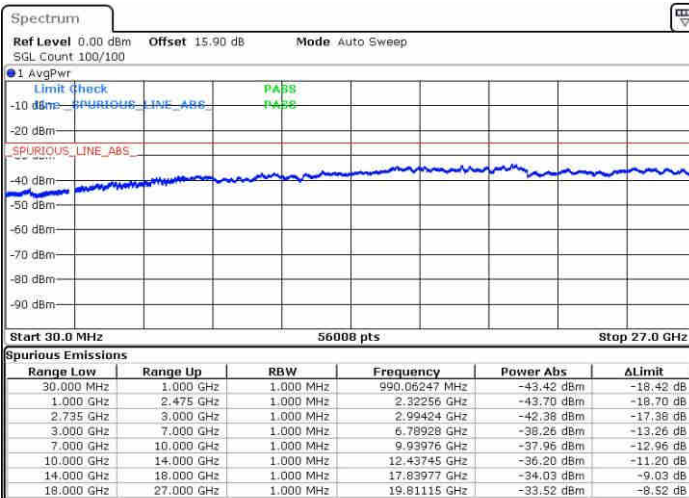


LTE Band 41 / 20MHz+10MHz

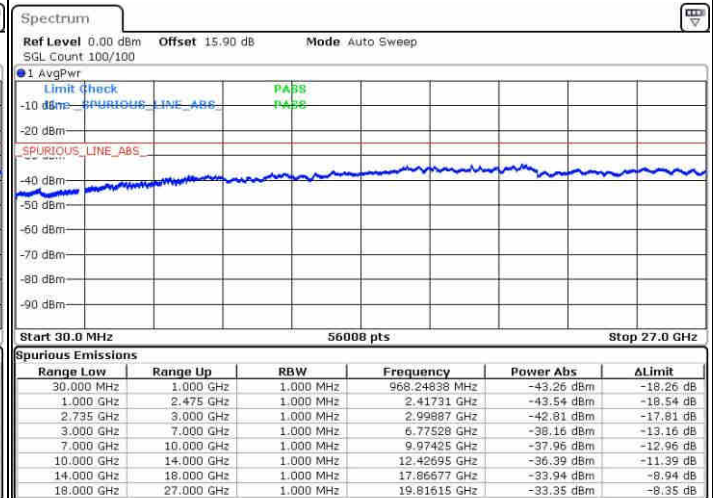
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



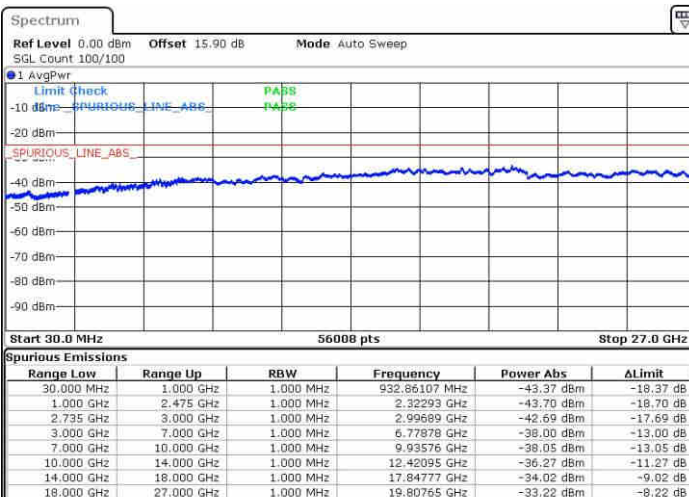
Date: 18 APR 2019 22:21:41



Date: 18 APR 2019 22:20:16

Highest Channel / FullIRB

N/A



Date: 18 APR 2019 22:28:48

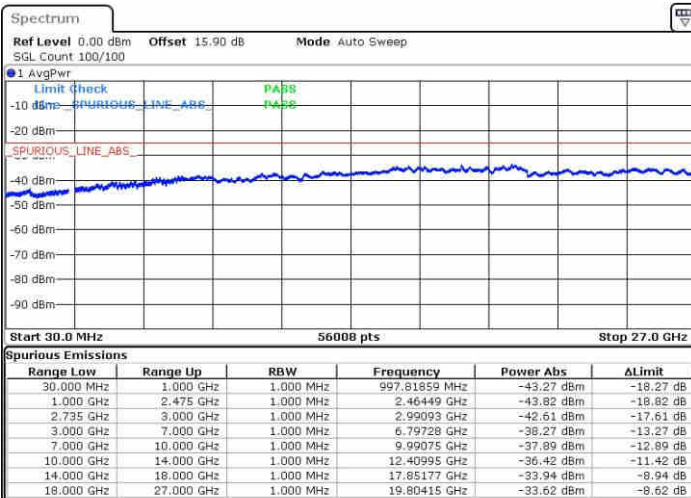


LTE Band 41 / 20MHz+15MHz

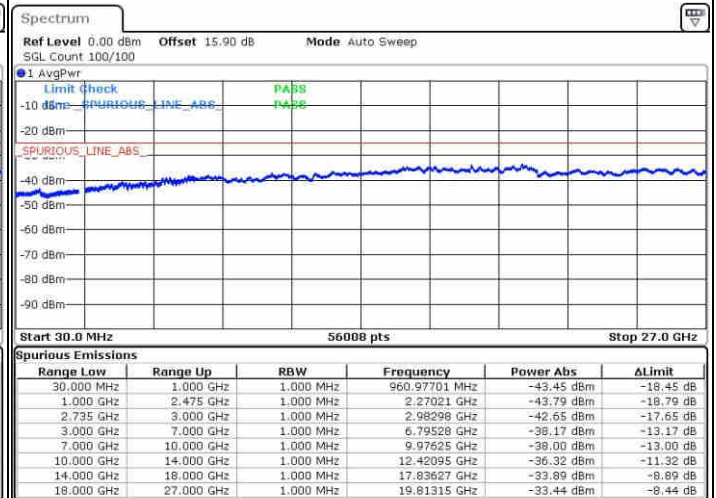
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



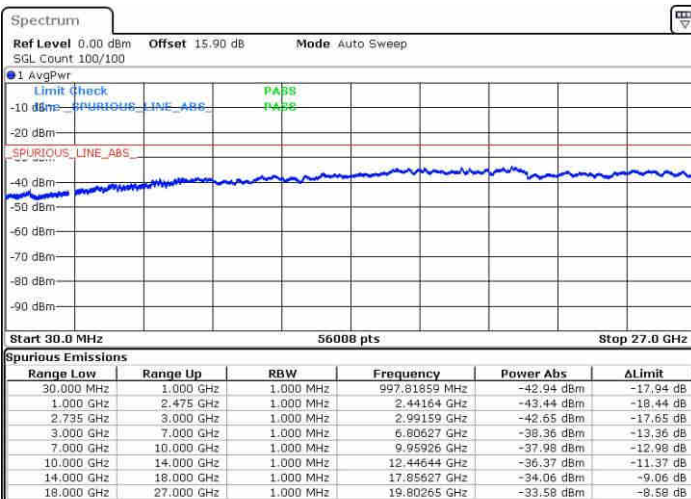
Date: 19 APR 2019 04:17:52



Date: 19 APR 2019 04:11:34

Lowest Channel / FullRB

N/A



Date: 19 APR 2019 04:19:07

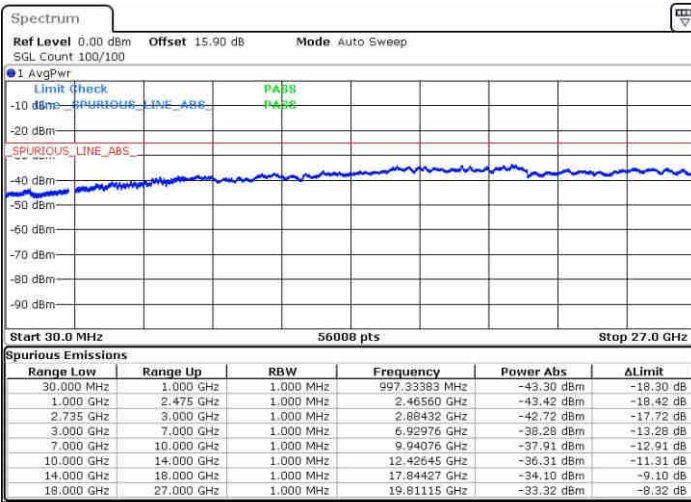


LTE Band 41 / 20MHz+15MHz

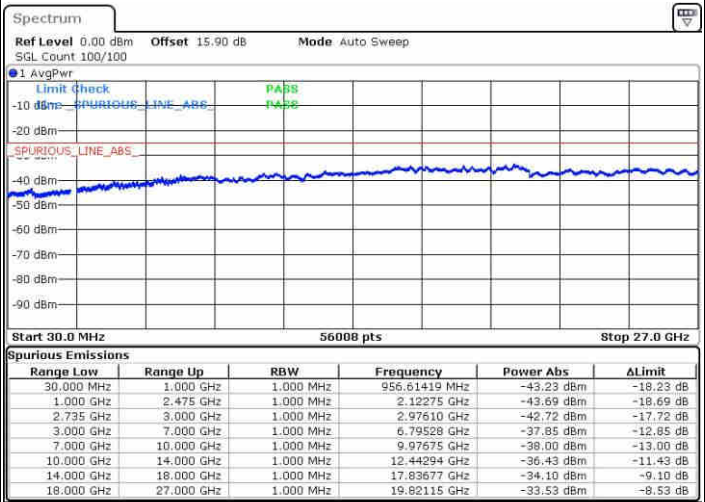
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



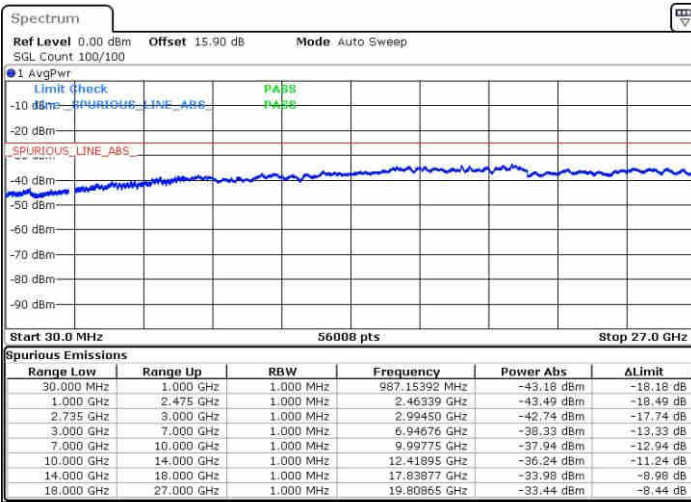
Date: 19 APR 2019 04:26:40



Date: 19 APR 2019 04:32:57

Middle Channel / FullIRB

N/A



Date: 19 APR 2019 04:25:24

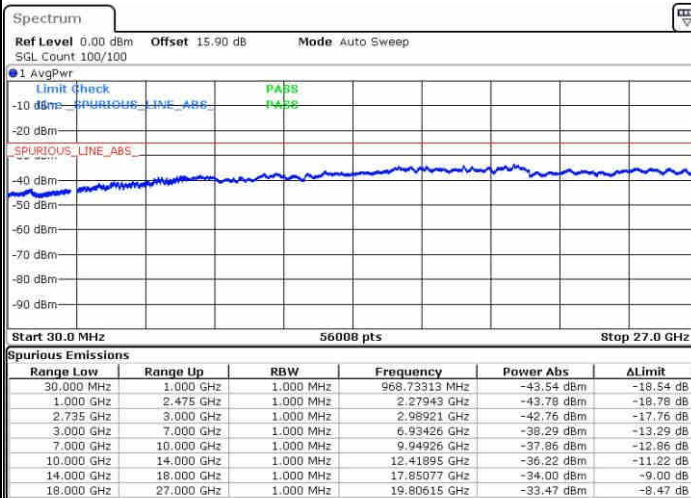


LTE Band 41 / 20MHz+15MHz

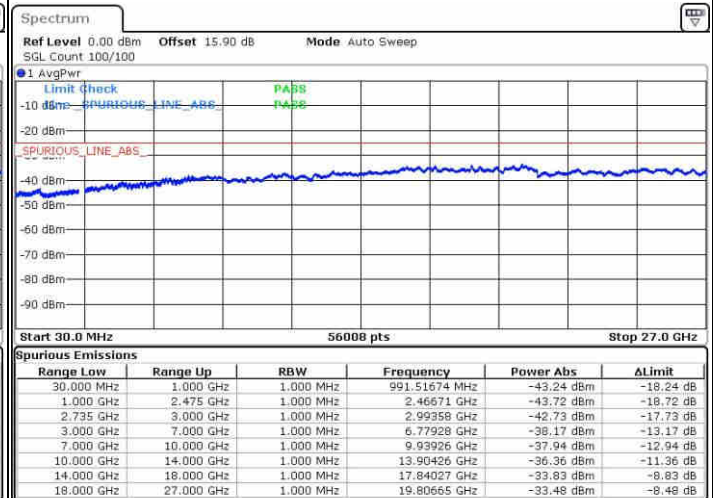
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



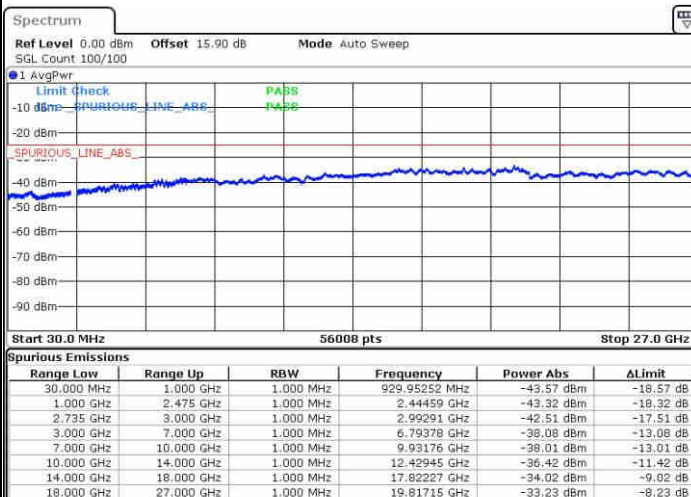
Date: 19 APR 2019 04:47:11



Date: 19 APR 2019 04:45:56

Highest Channel / FullIRB

N/A



Date: 19 APR 2019 04:53:29

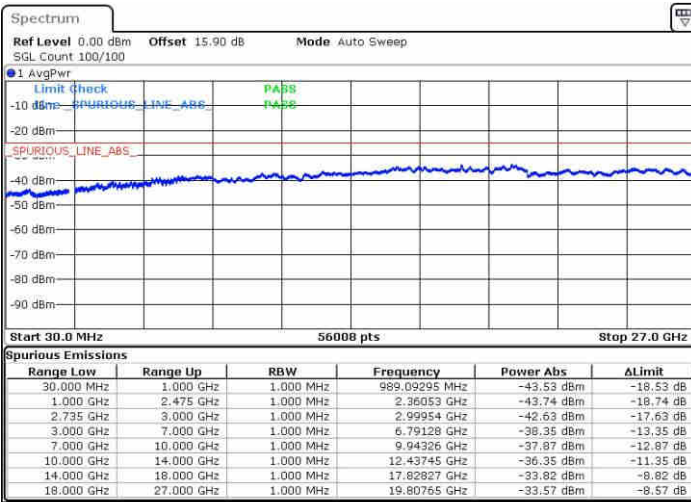


LTE Band 41 / 20MHz+20MHz

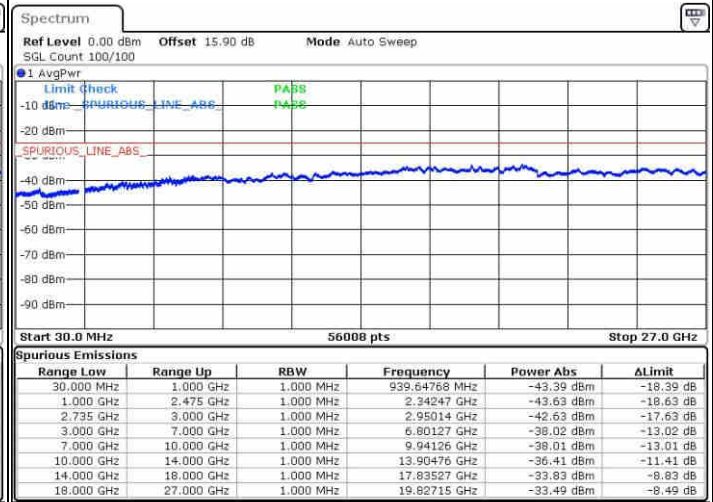
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



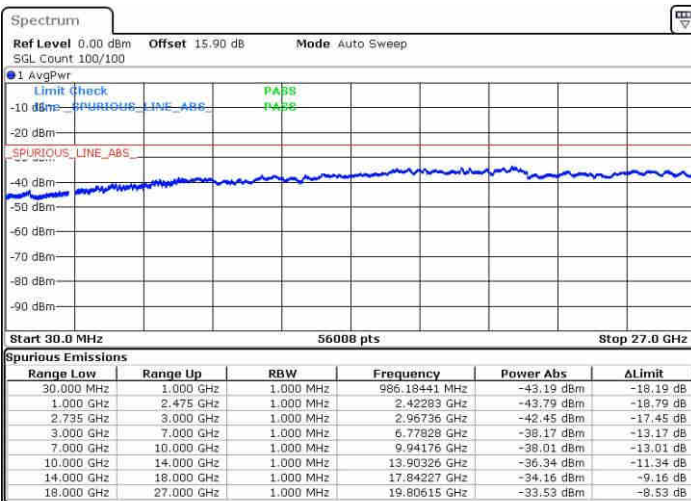
Date: 19 APR 2019 05:19:56



Date: 19 APR 2019 05:14:54

Lowest Channel / FullRB

N/A



Date: 19 APR 2019 05:20:57

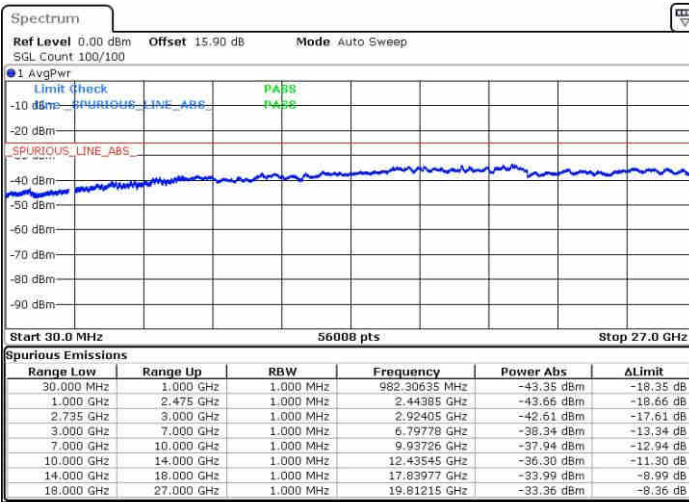


LTE Band 41 / 20MHz+20MHz

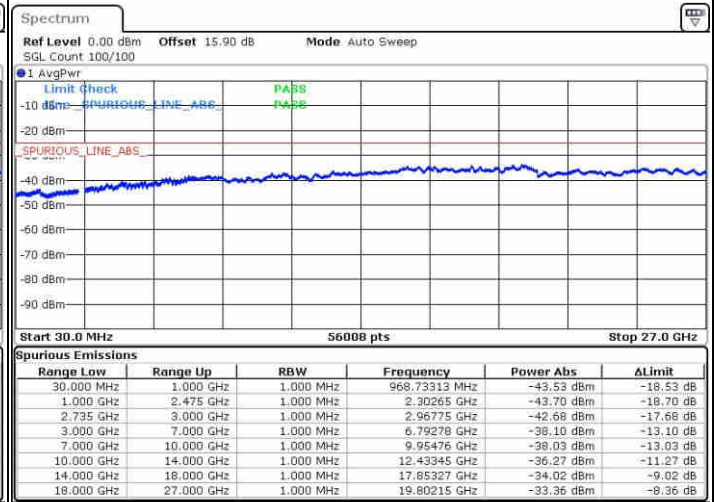
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



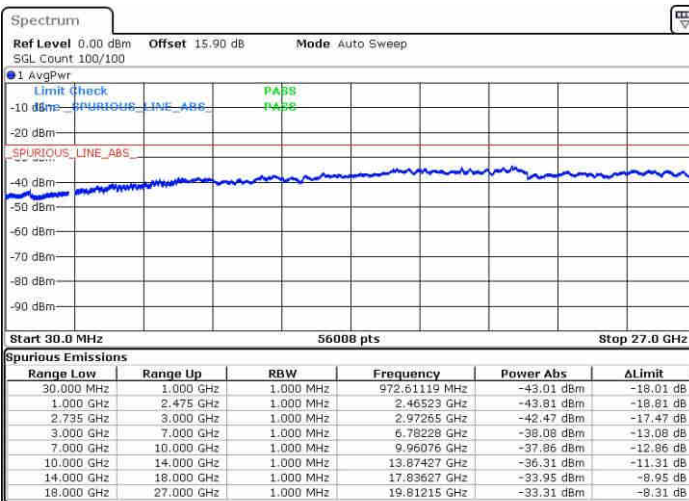
Date: 19 APR 2019 05:26:59



Date: 19 APR 2019 05:32:02

Middle Channel / FullIRB

N/A



Date: 19 APR 2019 05:25:59

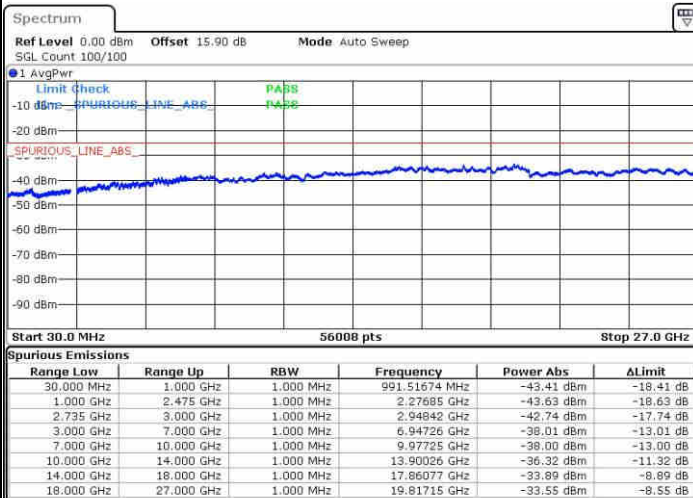


LTE Band 41 / 20MHz+20MHz

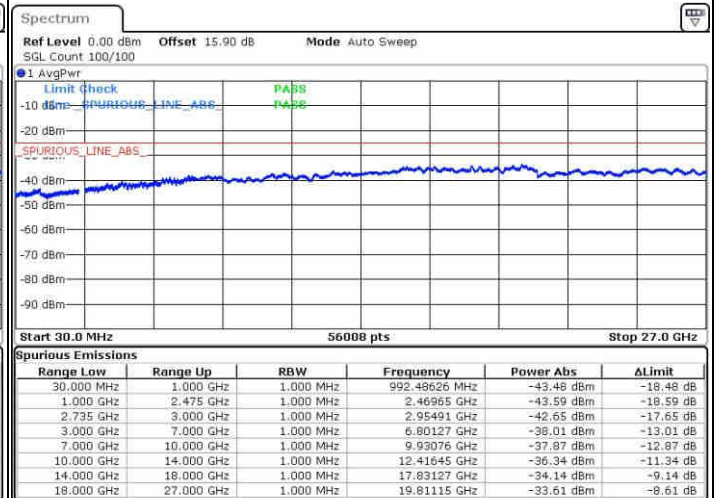
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



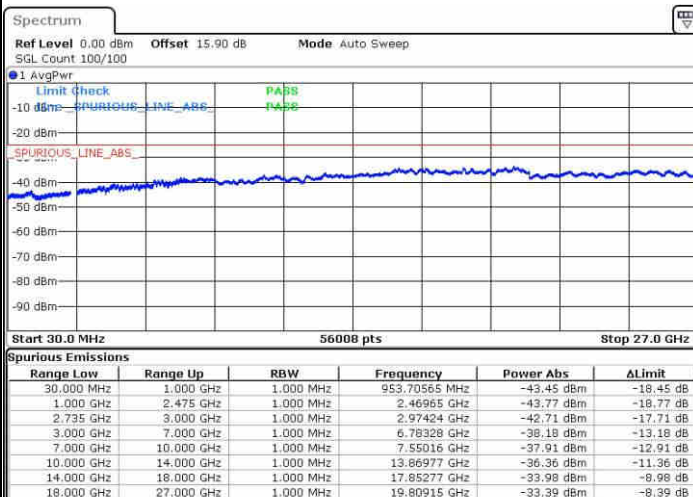
Date: 19 APR 2019 05:43:02



Date: 19 APR 2019 05:42:02

Highest Channel / FullIRB

N/A



Date: 19 APR 2019 05:48:04



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	3.33	4.49	4.32	5.48	PASS
Middle CH	3.65	4.64	4.46	5.74	
Highest CH	3.65	4.78	4.14	5.86	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.33	6.49	-	-	PASS
Middle CH	5.19	6.52	-	-	
Highest CH	5.16	6.43	-	-	

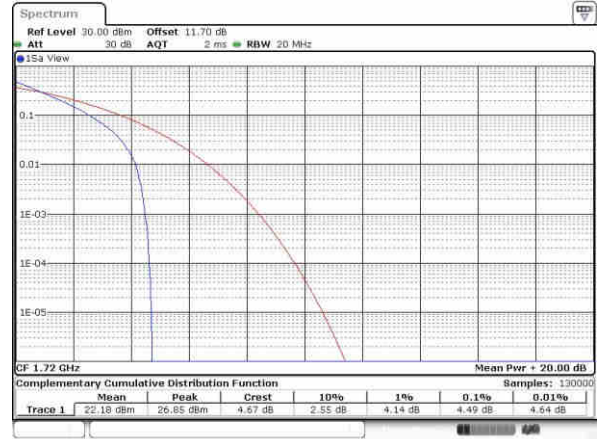


LTE Band 66 / 20MHz / QPSK

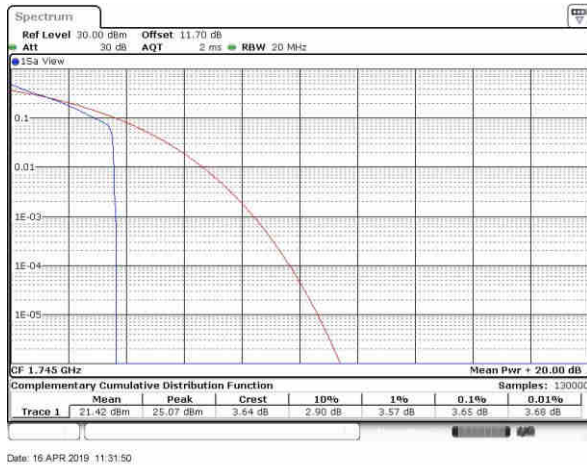
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



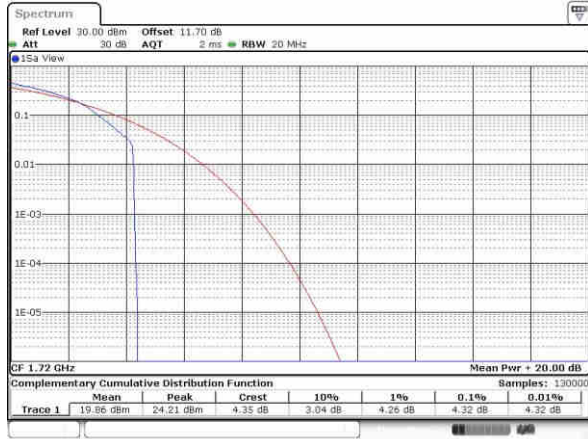
Highest Channel / Full RB



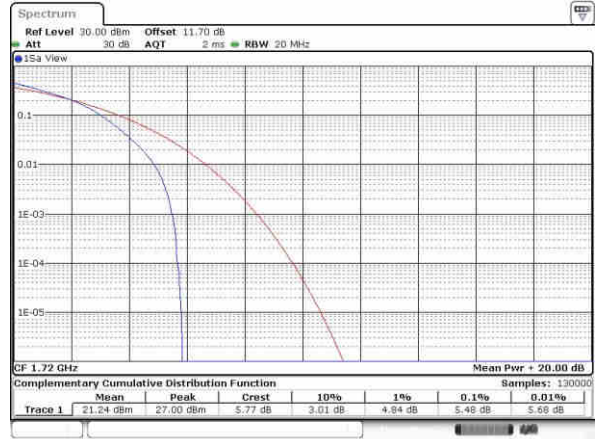


LTE Band 66 / 20MHz / 16QAM

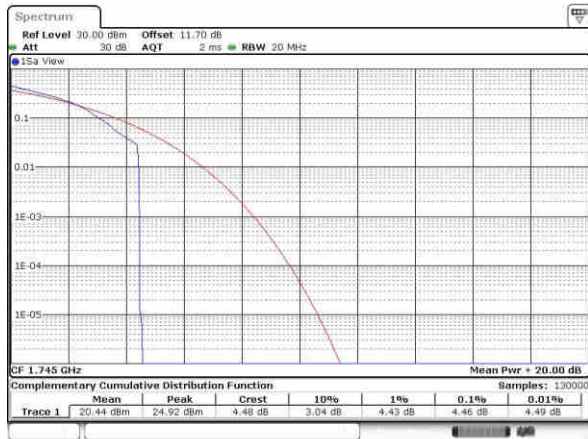
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



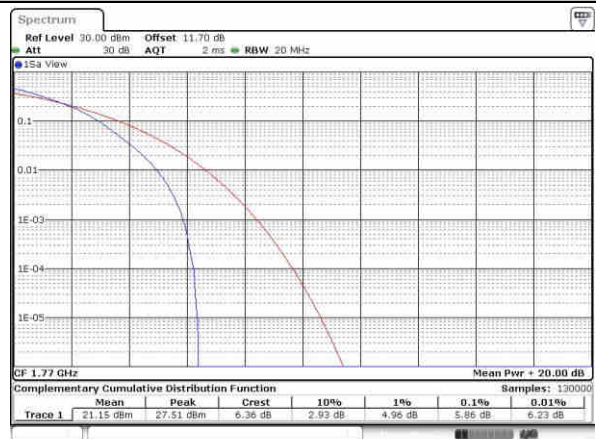
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





LTE Band 66 / 20MHz / 64QAM

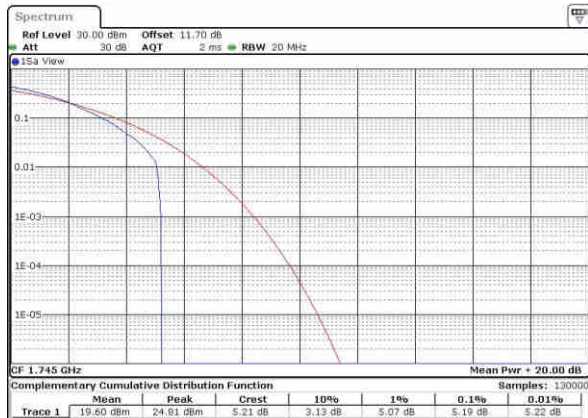
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



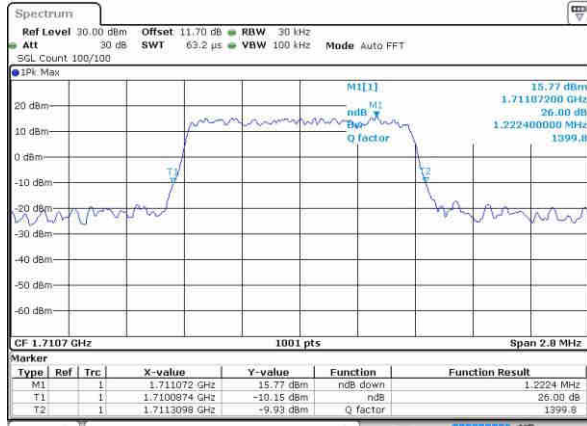
**26dB Bandwidth**

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	1.22	1.22	3.00	3.06	4.92	4.87	9.71	9.93	14.33	14.36	18.82	18.98
Middle CH	1.23	1.23	3.02	3.02	4.89	4.87	9.65	9.81	14.33	14.51	18.94	19.10
Highest CH	1.22	1.24	2.97	3.03	4.86	4.86	9.81	9.87	14.39	14.39	19.18	19.10
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	-	2.97	-	4.96	-	9.79	-	14.57	-	18.98	-
Middle CH	1.22	-	3.02	-	4.89	-	9.81	-	14.30	-	18.94	-
Highest CH	1.23	-	3.02	-	4.88	-	9.69	-	14.42	-	19.38	-



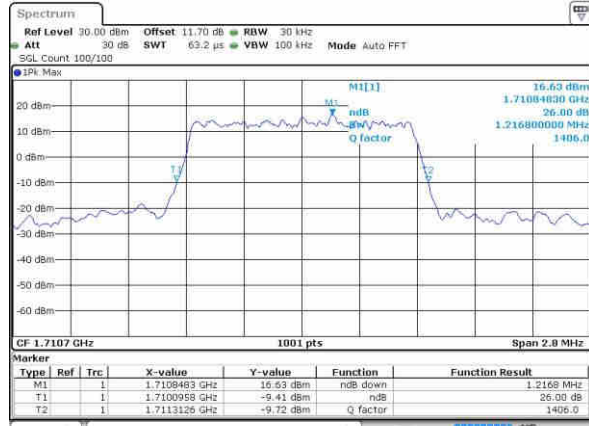
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



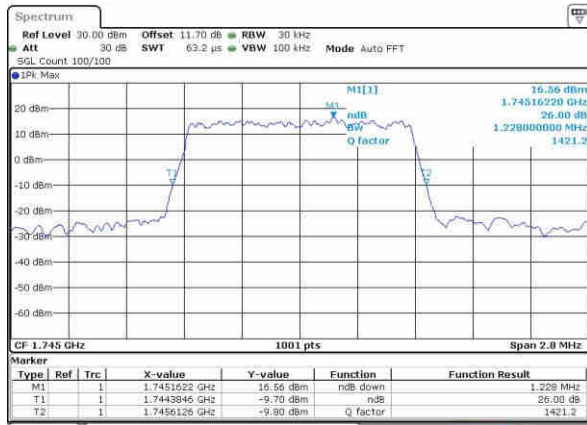
Date: 16 APR 2019 08:15:44

Lowest Channel / 1.4MHz / 16QAM



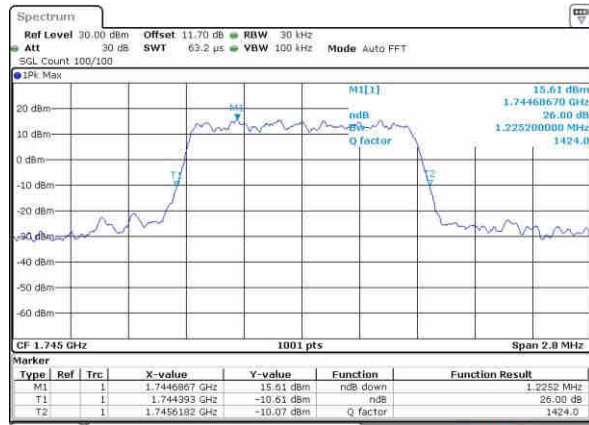
Date: 16 APR 2019 08:15:56

Middle Channel / 1.4MHz / QPSK



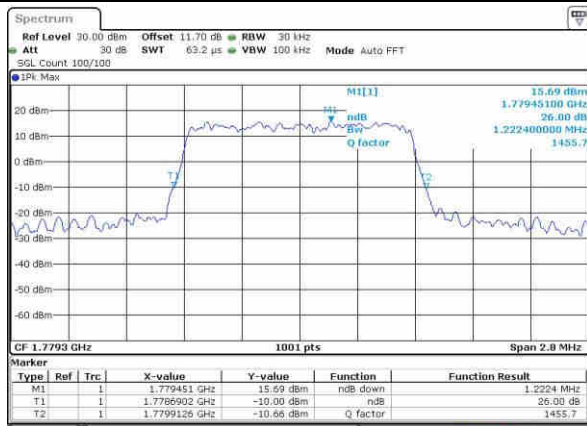
Date: 16 APR 2019 08:22:15

Middle Channel / 1.4MHz / 16QAM



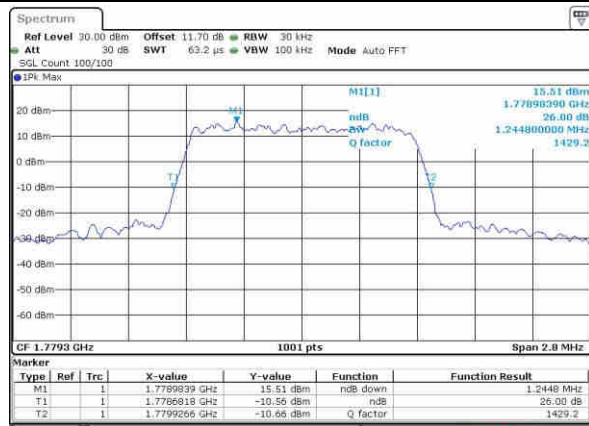
Date: 16 APR 2019 08:22:26

Highest Channel / 1.4MHz / QPSK



Date: 16 APR 2019 08:24:31

Highest Channel / 1.4MHz / 16QAM

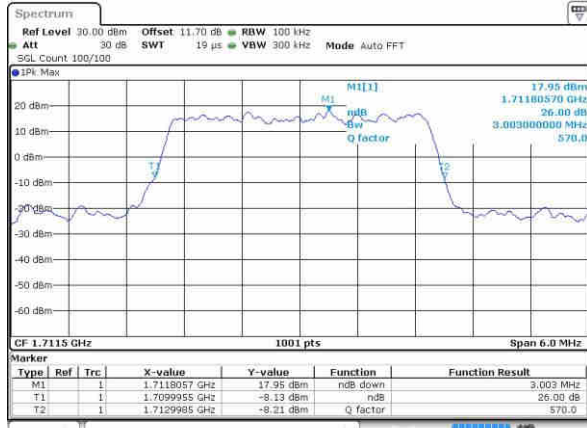


Date: 16 APR 2019 08:24:43



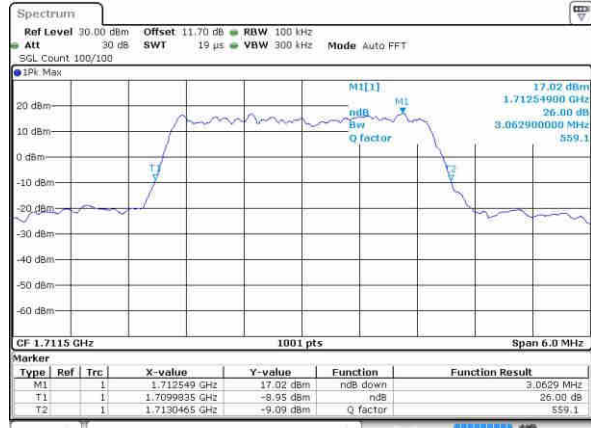
LTE Band 66

Lowest Channel / 3MHz / QPSK



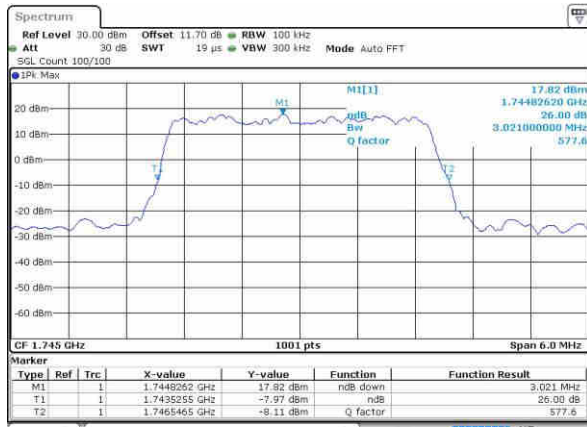
Date: 16 APR 2019 09:39:12

Lowest Channel / 3MHz / 16QAM



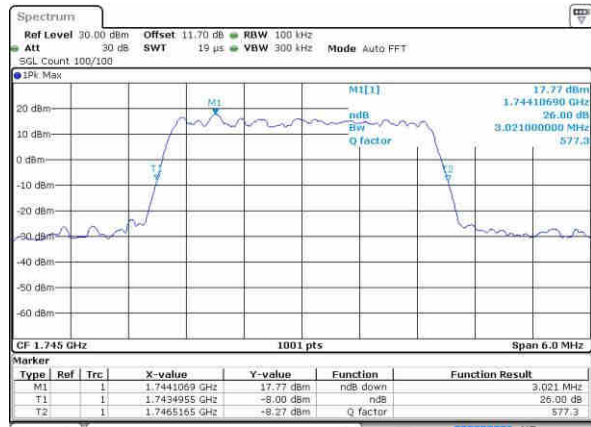
Date: 16 APR 2019 09:39:25

Middle Channel / 3MHz / QPSK



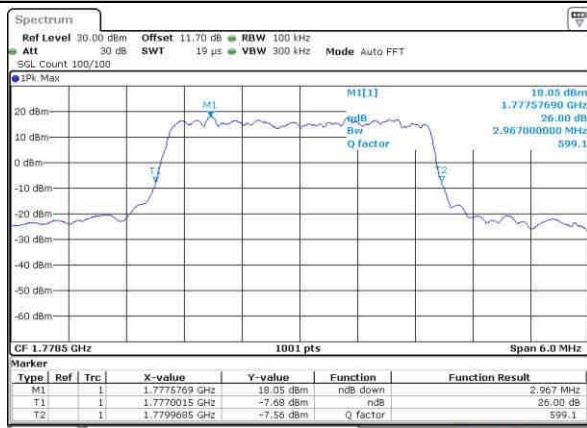
Date: 16 APR 2019 08:45:32

Middle Channel / 3MHz / 16QAM



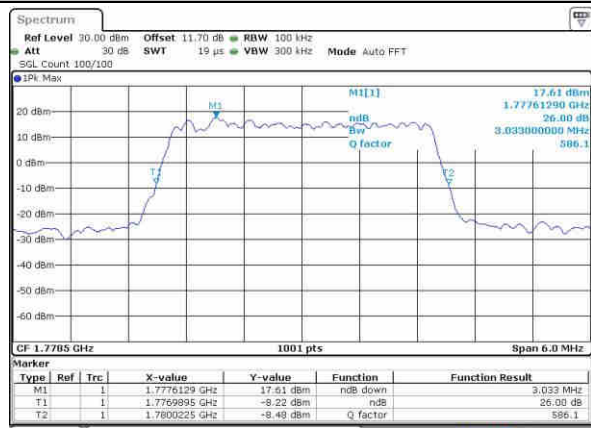
Date: 16 APR 2019 08:45:44

Highest Channel / 3MHz / QPSK



Date: 16 APR 2019 09:47:46

Highest Channel / 3MHz / 16QAM

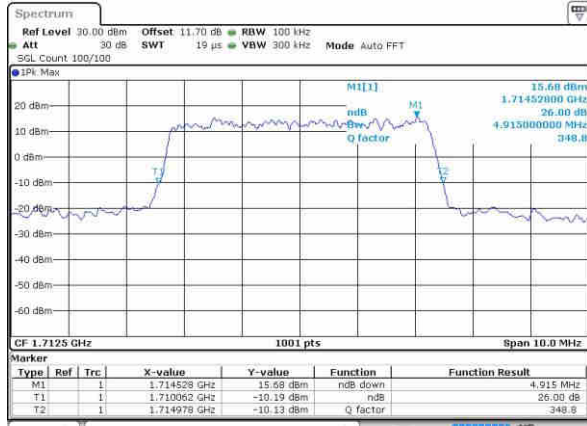


Date: 16 APR 2019 09:47:58

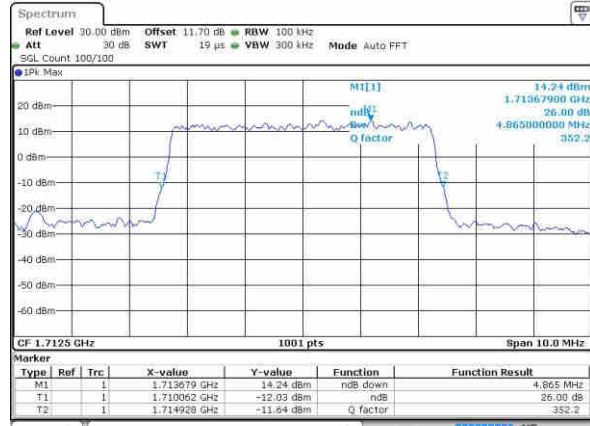


LTE Band 66

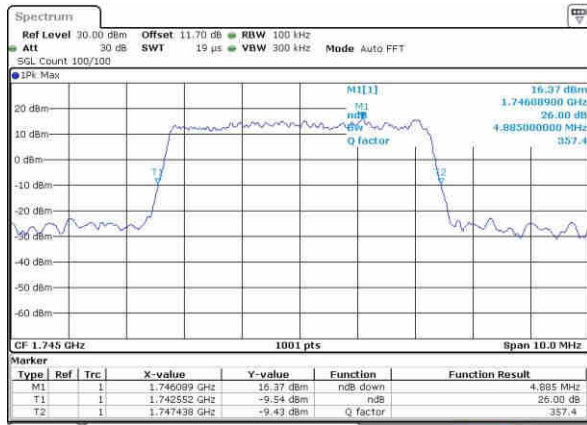
Lowest Channel / 5MHz / QPSK



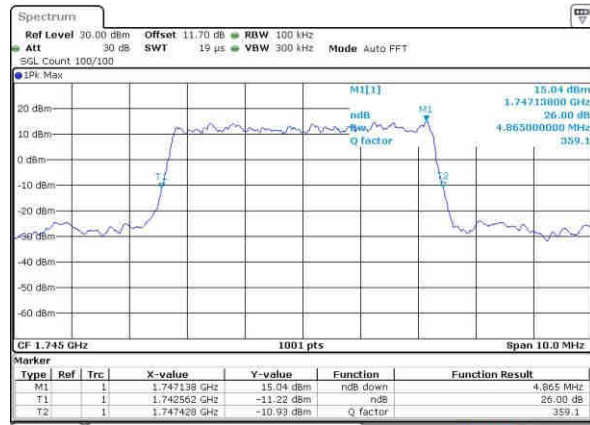
Lowest Channel / 5MHz / 16QAM



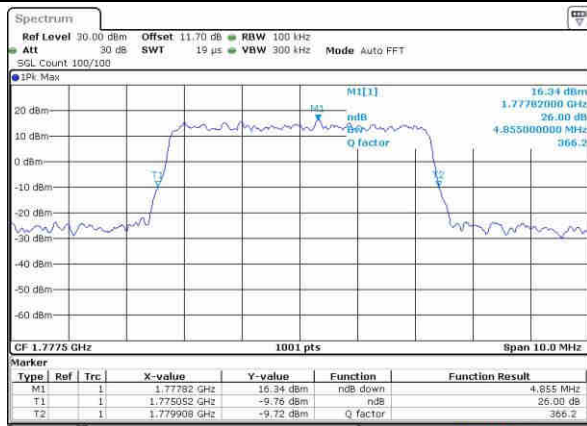
Middle Channel / 5MHz / QPSK



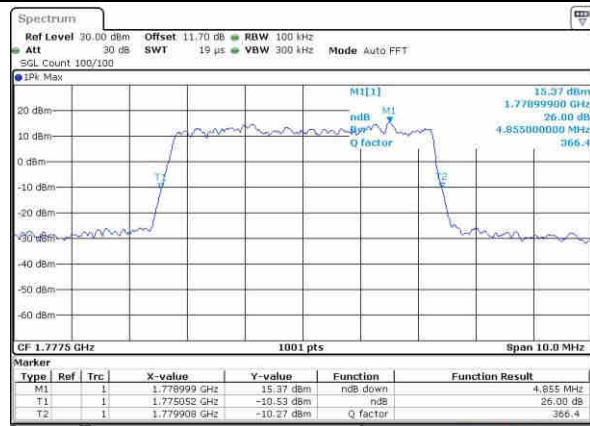
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



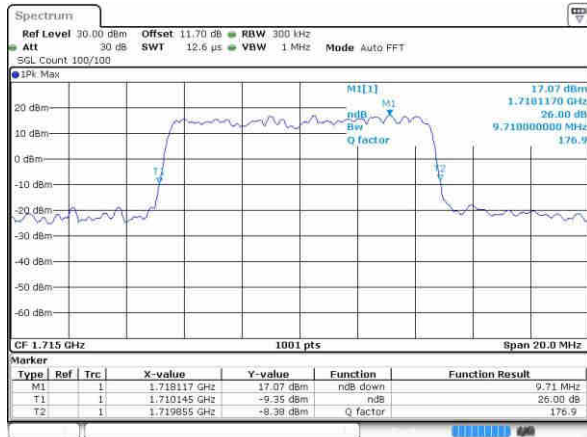
Highest Channel / 5MHz / 16QAM



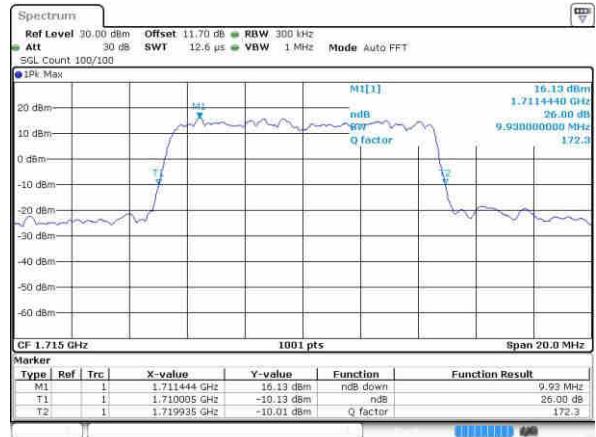


LTE Band 66

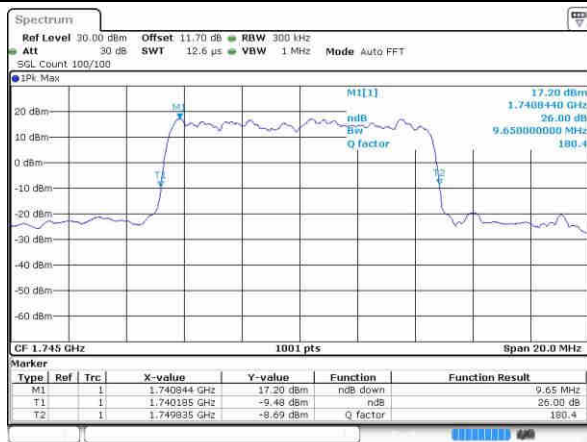
Lowest Channel / 10MHz / QPSK



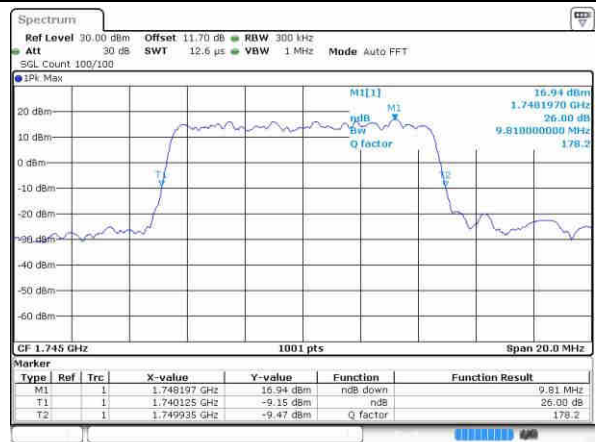
Lowest Channel / 10MHz / 16QAM



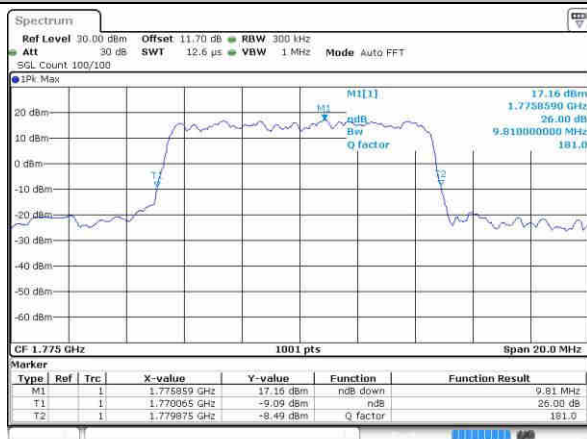
Middle Channel / 10MHz / QPSK



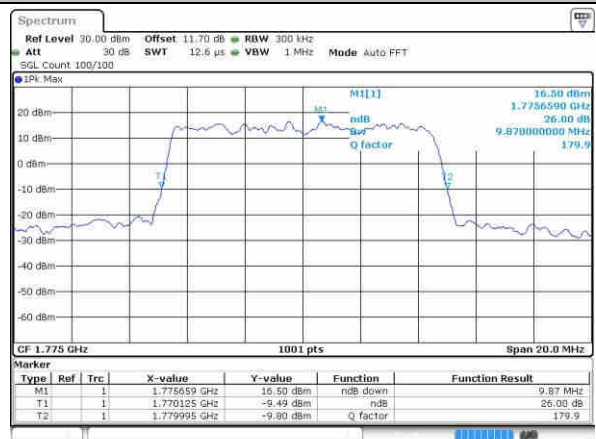
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



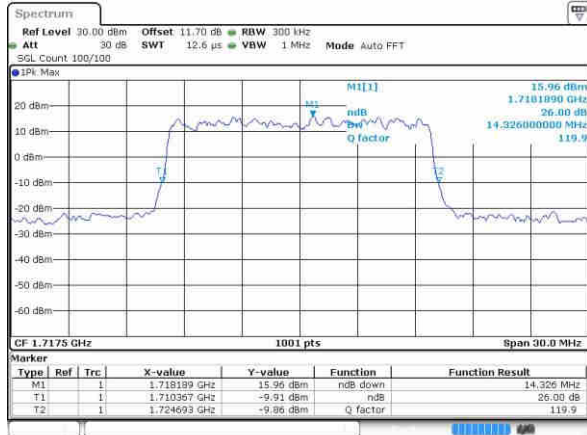
Highest Channel / 10MHz / 16QAM



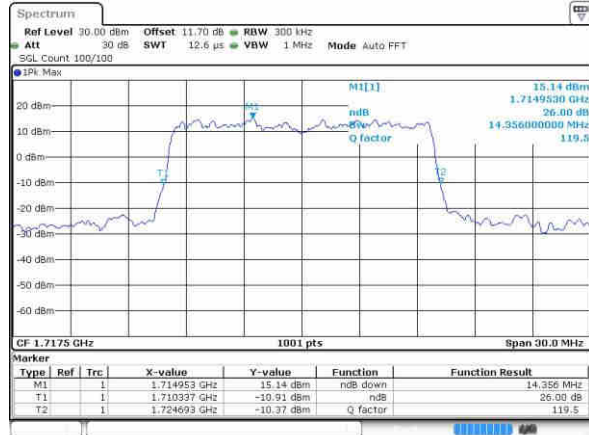


LTE Band 66

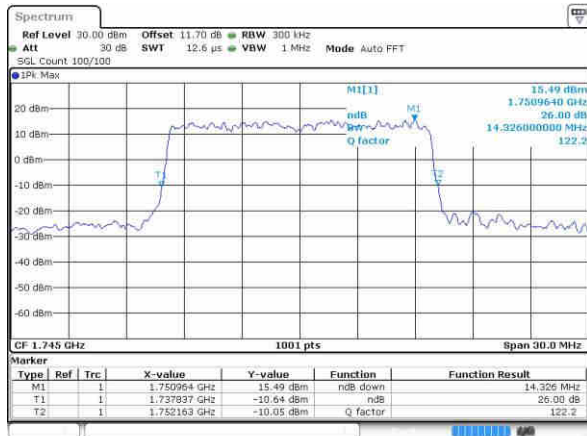
Lowest Channel / 15MHz / QPSK



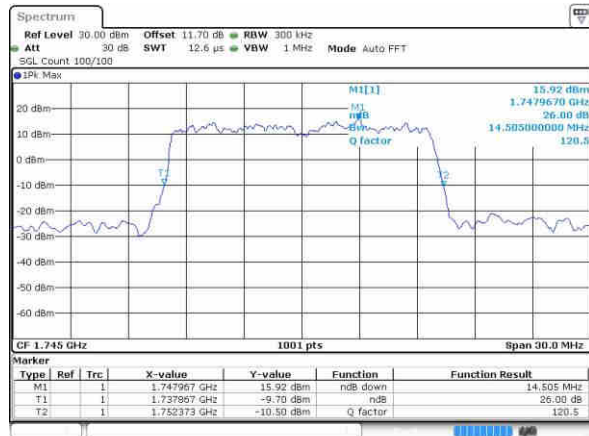
Lowest Channel / 15MHz / 16QAM



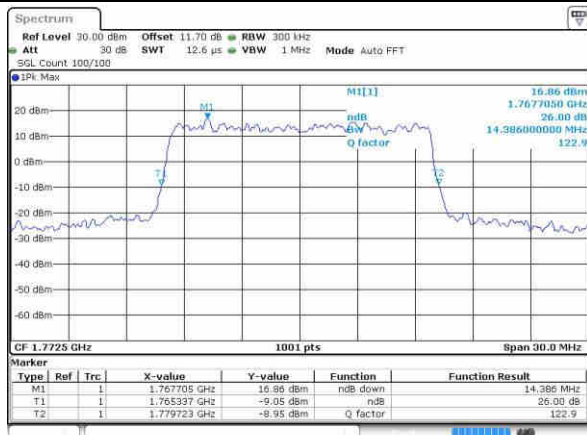
Middle Channel / 15MHz / QPSK



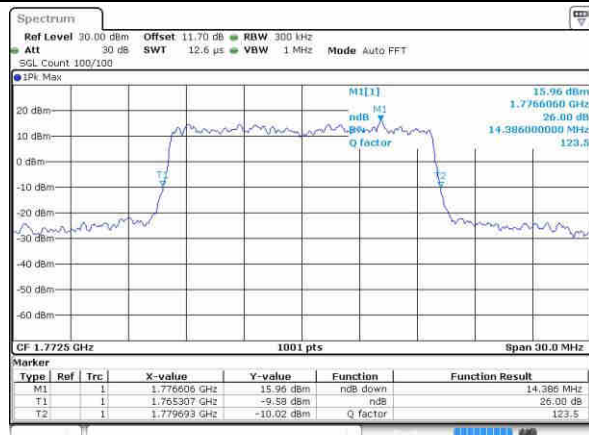
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



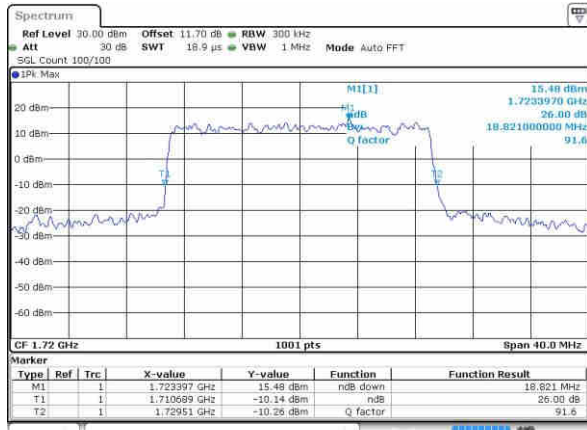
Highest Channel / 15MHz / 16QAM



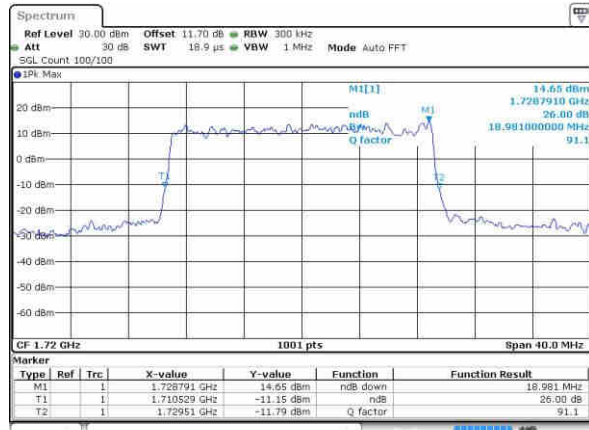


LTE Band 66

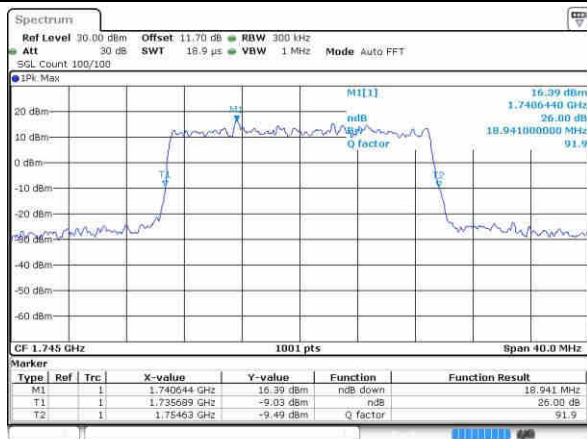
Lowest Channel / 20MHz / QPSK



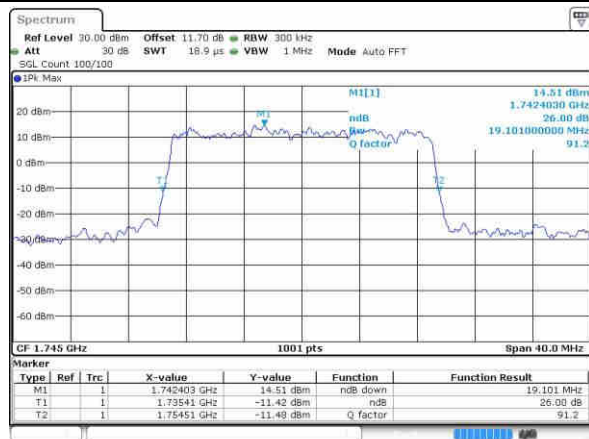
Lowest Channel / 20MHz / 16QAM



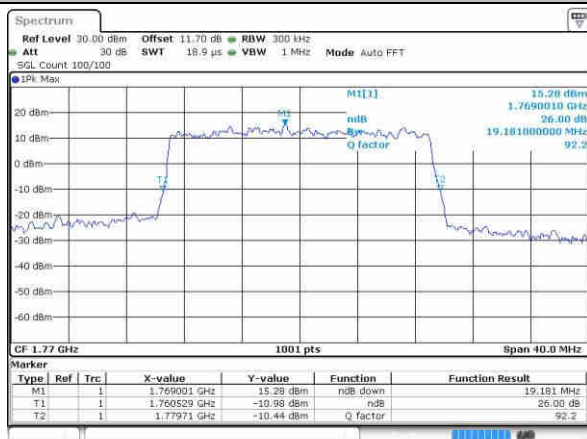
Middle Channel / 20MHz / QPSK



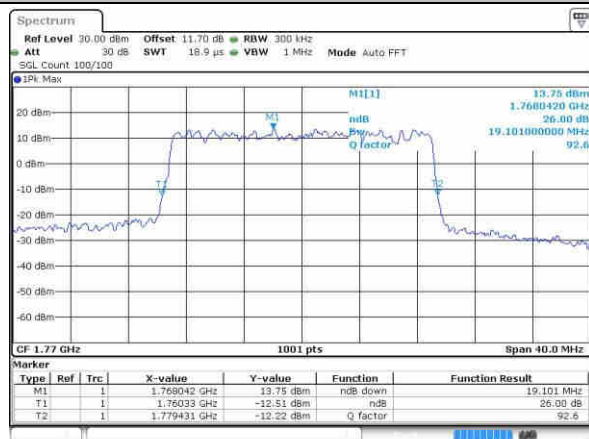
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



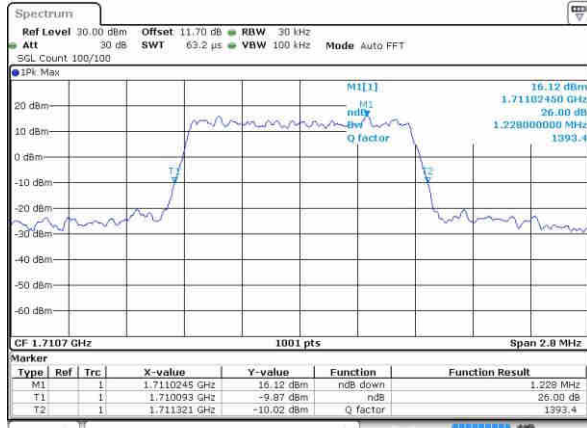
Highest Channel / 20MHz / 16QAM





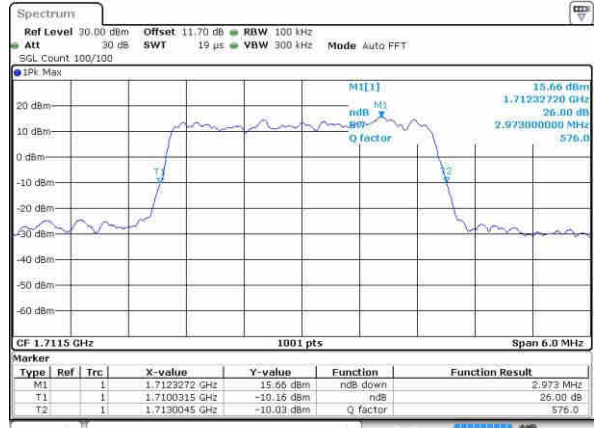
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



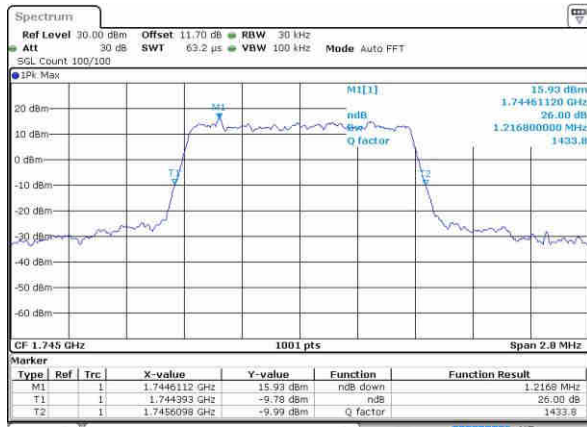
Date: 16 APR 2019 09:31:20

Lowest Channel / 3MHz / 64QAM



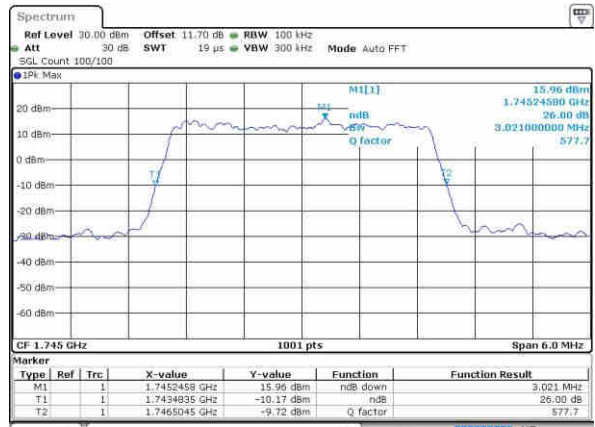
Date: 16 APR 2019 09:59:39

Middle Channel / 20MHz / 64QAM



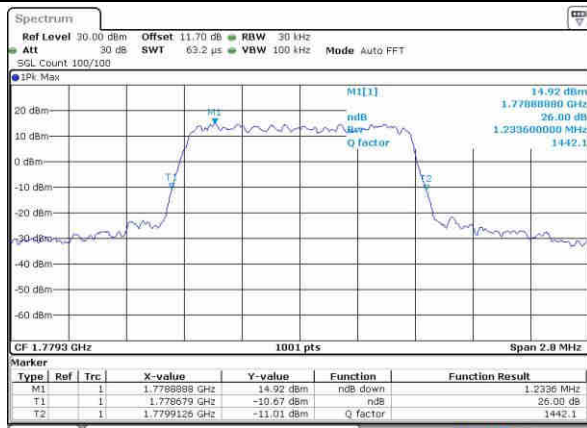
Date: 16 APR 2019 09:34:36

Middle Channel / 3MHz / 64QAM



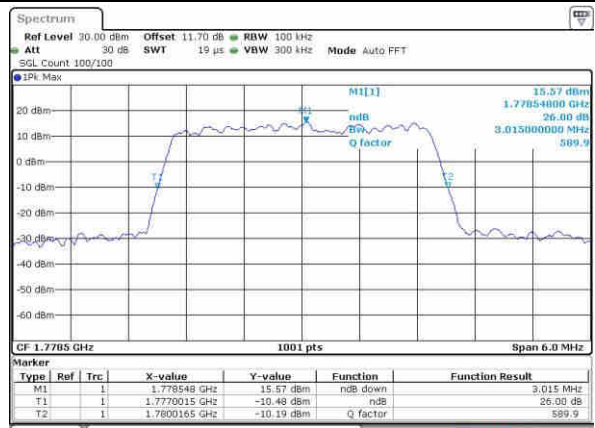
Date: 16 APR 2019 10:02:09

Highest Channel / 20MHz / 64QAM



Date: 16 APR 2019 09:35:43

Highest Channel / 3MHz / 64QAM

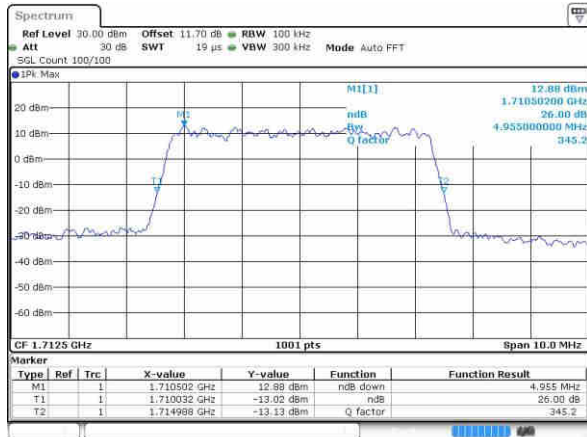


Date: 16 APR 2019 10:03:16

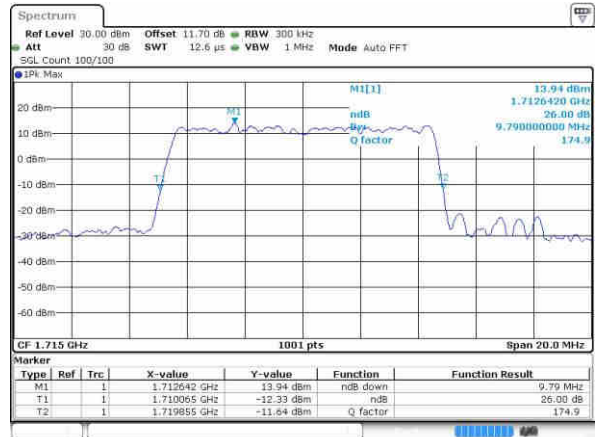


LTE Band 66

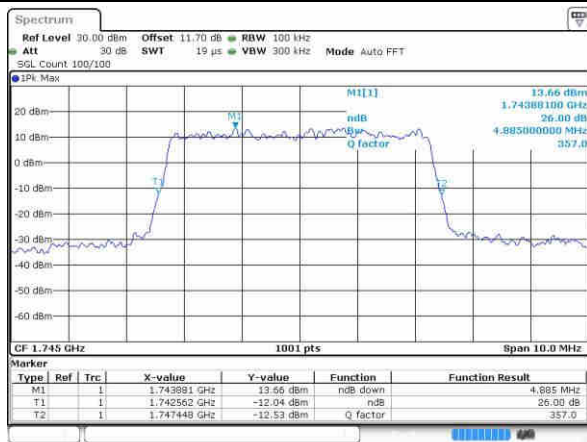
Lowest Channel / 5MHz / 64QAM



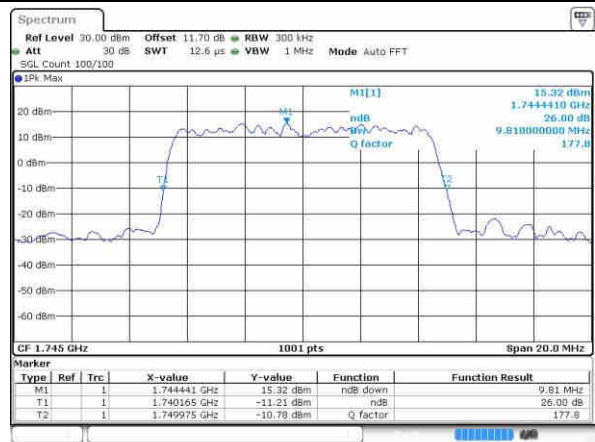
Lowest Channel / 10MHz / 64QAM



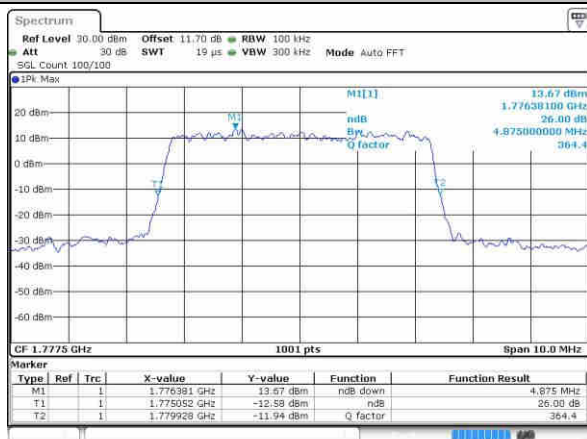
Middle Channel / 5MHz / 64QAM



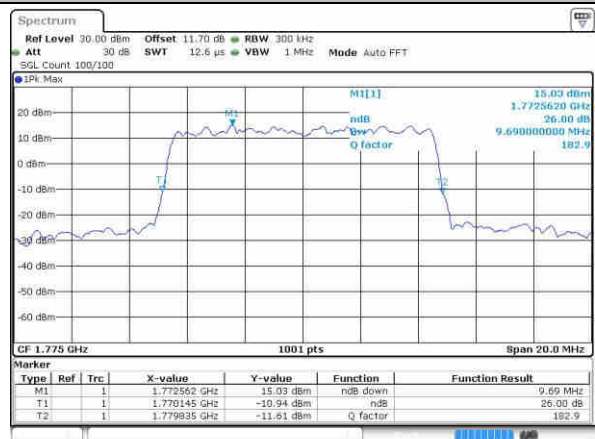
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



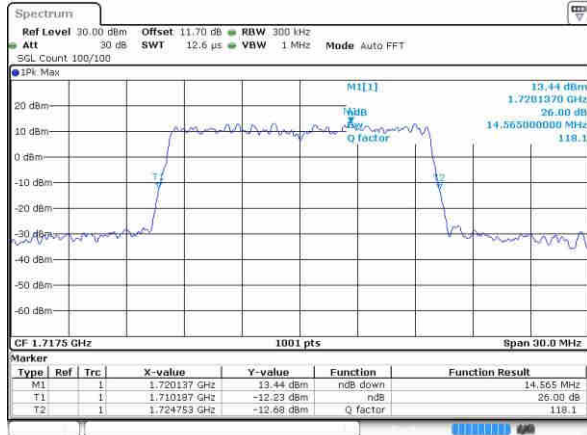
Highest Channel / 10MHz / 64QAM



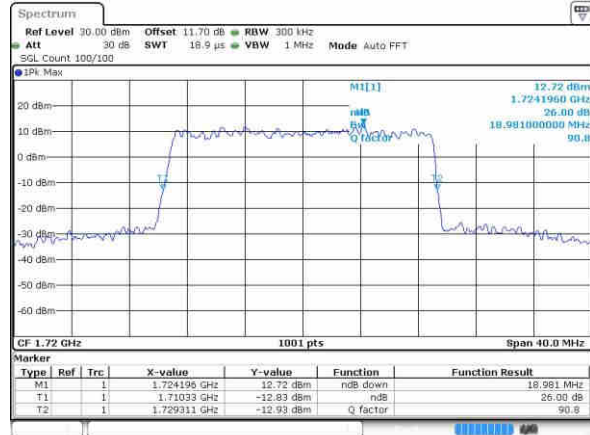


LTE Band 66

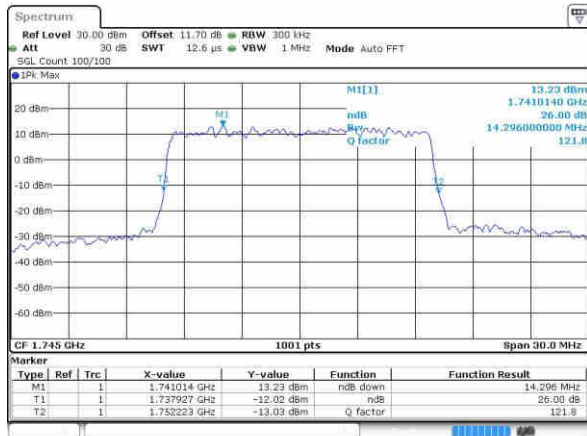
Lowest Channel / 15MHz / 64QAM



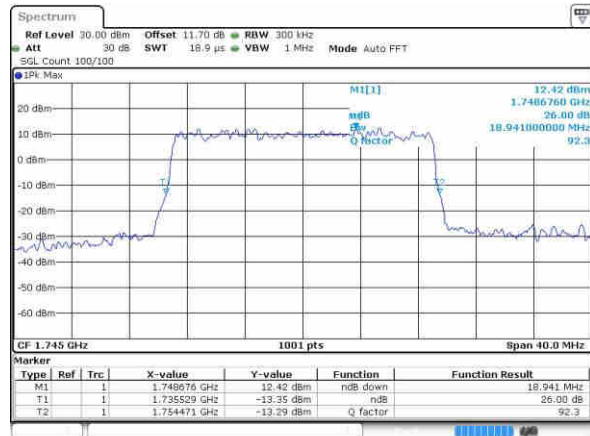
Lowest Channel / 20MHz / 64QAM



Middle Channel / 15MHz / 64QAM



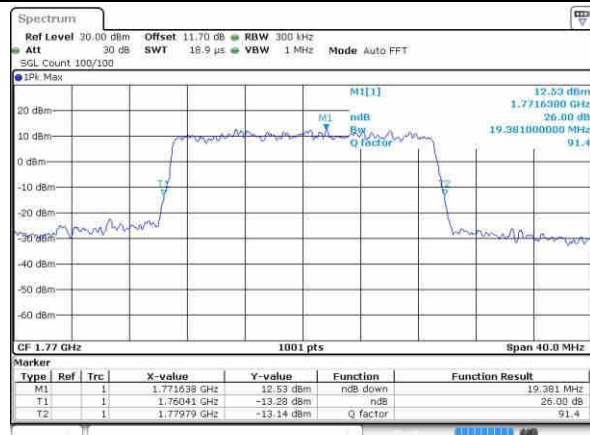
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



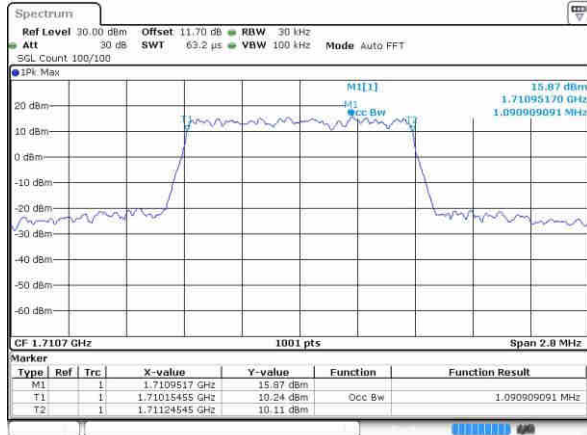
**Occupied Bandwidth**

Mode	LTE Band 66 : 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	1.09	1.09	2.72	2.73	4.51	4.48	9.05	9.01	13.46	13.43	17.86	17.90
Middle CH	1.09	1.09	2.72	2.73	4.53	4.49	9.03	8.99	13.37	13.43	17.90	17.90
Highest CH	1.09	1.10	2.73	2.73	4.52	4.48	9.03	9.07	13.43	13.46	18.02	17.90
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.48	-	8.99	-	13.46	-	17.90	-
Middle CH	1.08	-	2.72	-	4.50	-	9.07	-	13.40	-	17.82	-
Highest CH	1.09	-	2.72	-	4.49	-	9.07	-	13.37	-	17.82	-

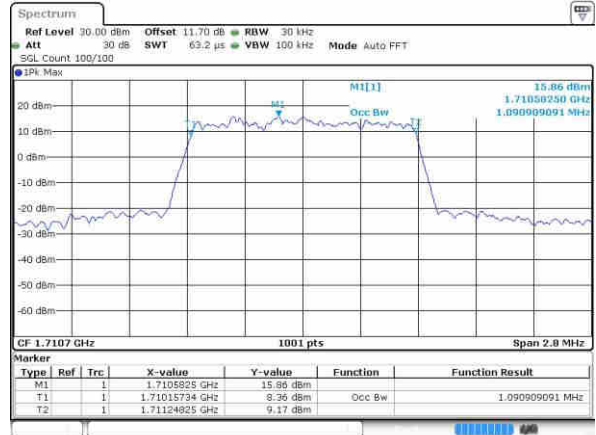


LTE Band 66

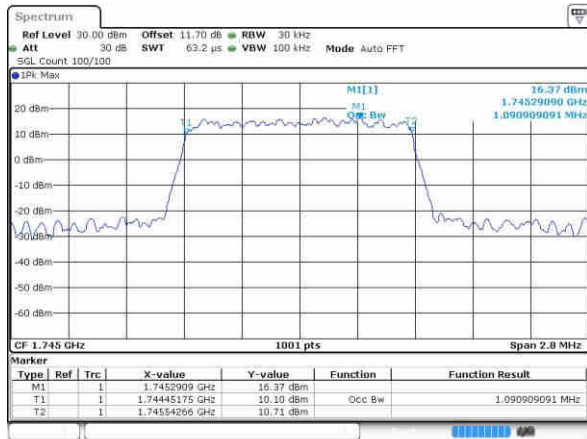
Lowest Channel / 1.4MHz / QPSK



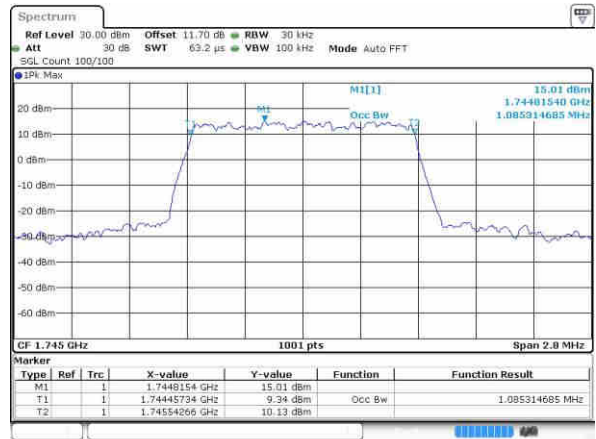
Lowest Channel / 1.4MHz / 16QAM



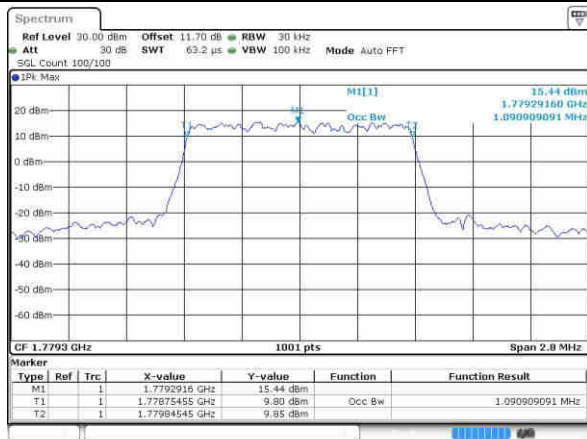
Middle Channel / 1.4MHz / QPSK



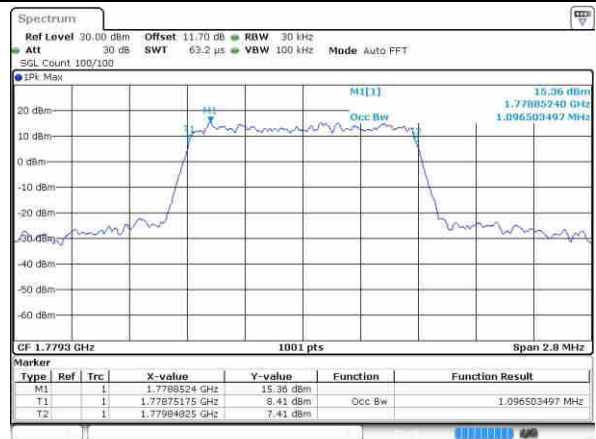
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



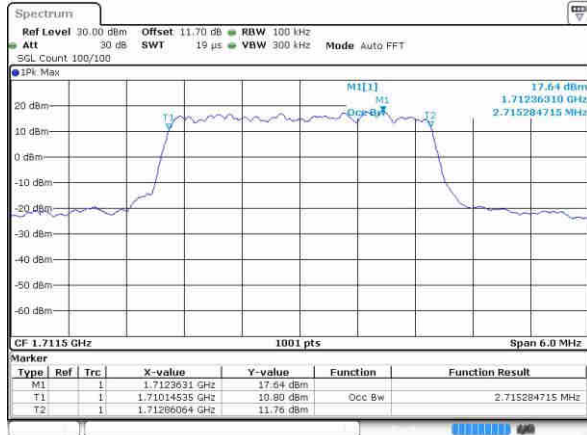
Highest Channel / 1.4MHz / 16QAM





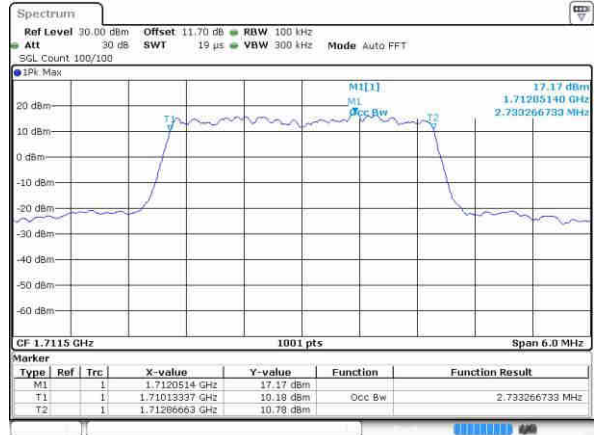
LTE Band 66

Lowest Channel / 3MHz / QPSK



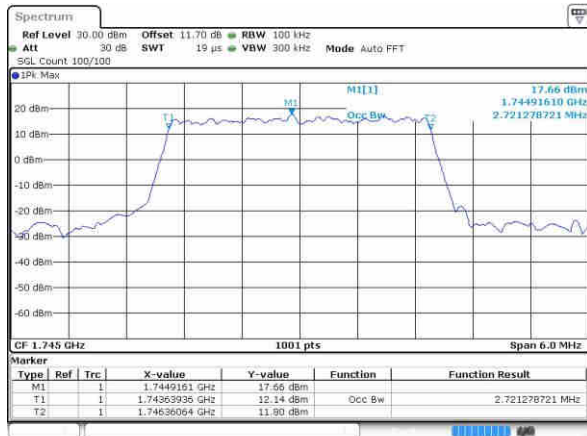
Date: 16 APR 2019 09:38:47

Lowest Channel / 3MHz / 16QAM



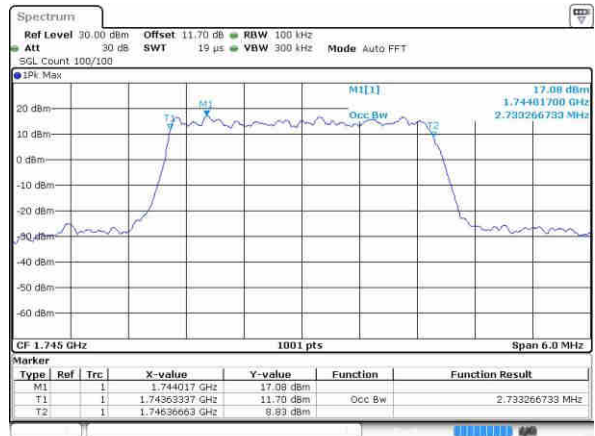
Date: 16 APR 2019 09:39:00

Middle Channel / 3MHz / QPSK



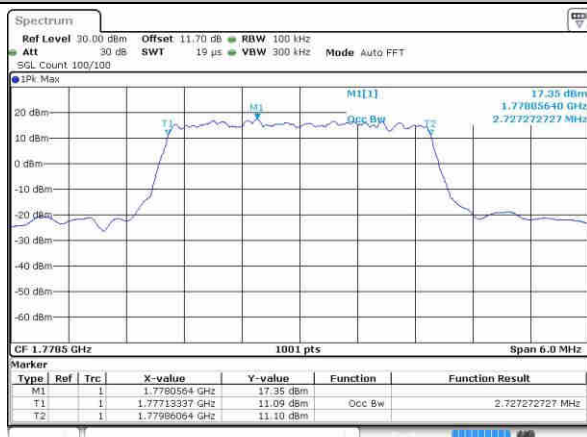
Date: 16 APR 2019 09:45:07

Middle Channel / 3MHz / 16QAM



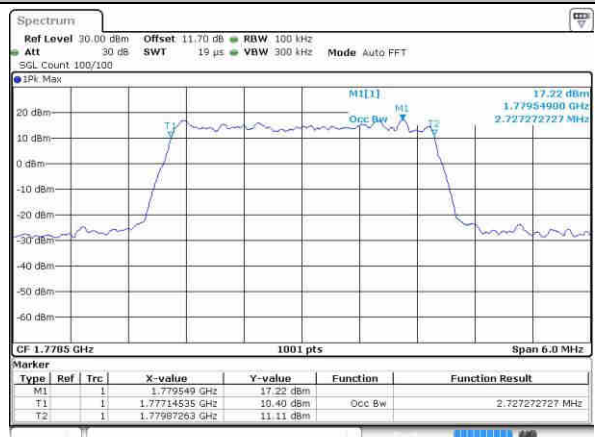
Date: 16 APR 2019 09:45:19

Highest Channel / 3MHz / QPSK



Date: 16 APR 2019 09:47:21

Highest Channel / 3MHz / 16QAM

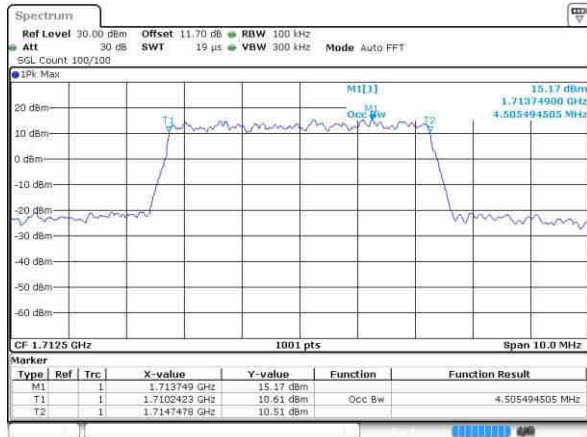


Date: 16 APR 2019 09:47:33



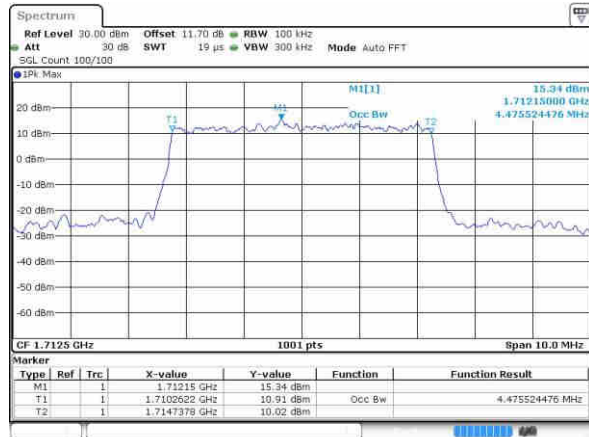
LTE Band 66

Lowest Channel / 5MHz / QPSK



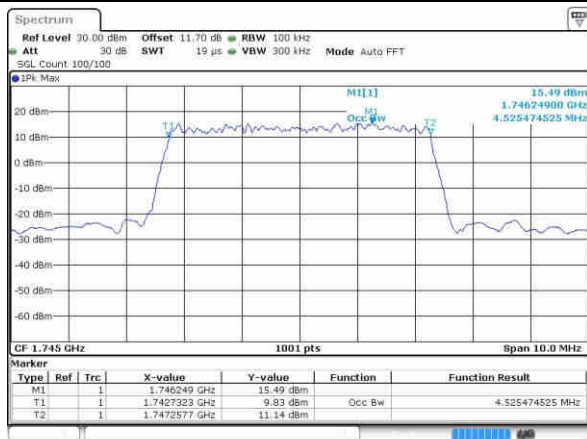
Date: 16 APR 2019 10:11:39

Lowest Channel / 5MHz / 16QAM



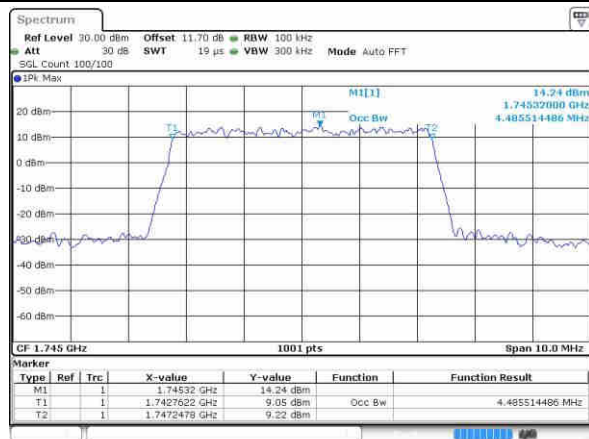
Date: 16 APR 2019 10:11:52

Middle Channel / 5MHz / QPSK



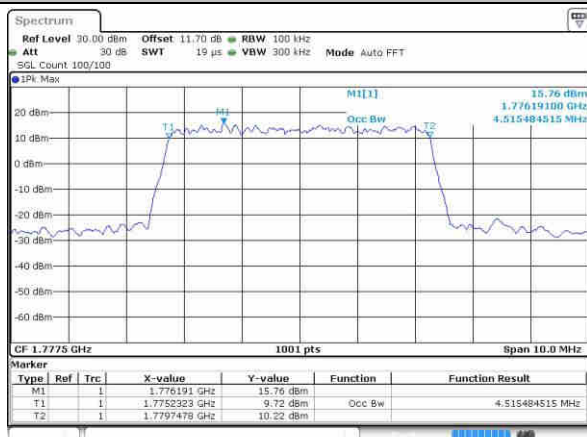
Date: 16 APR 2019 10:16:38

Middle Channel / 5MHz / 16QAM



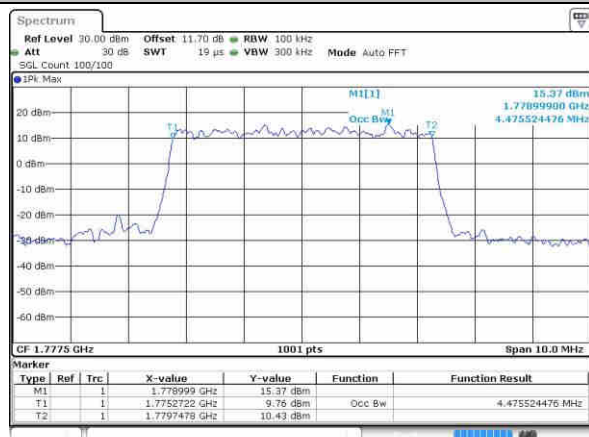
Date: 16 APR 2019 10:16:51

Highest Channel / 5MHz / QPSK



Date: 16 APR 2019 10:18:53

Highest Channel / 5MHz / 16QAM



Date: 16 APR 2019 10:19:05