

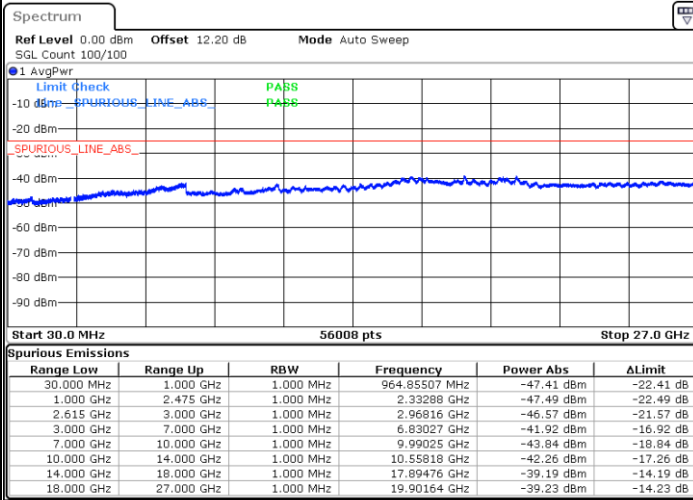


LTE Band 7C / 15MHz+20MHz

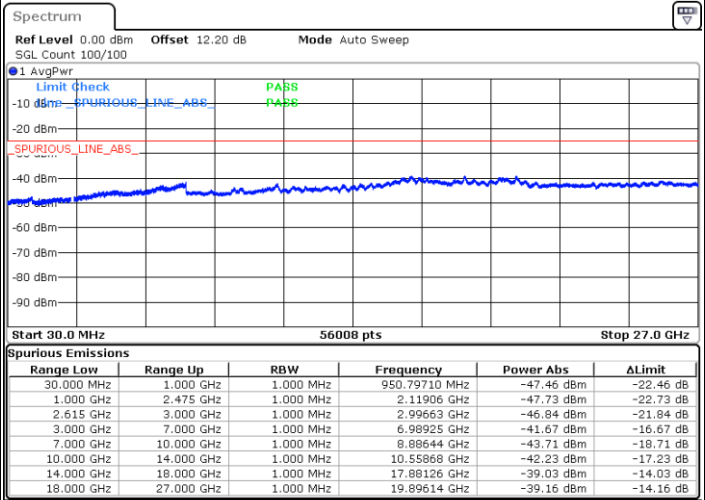
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



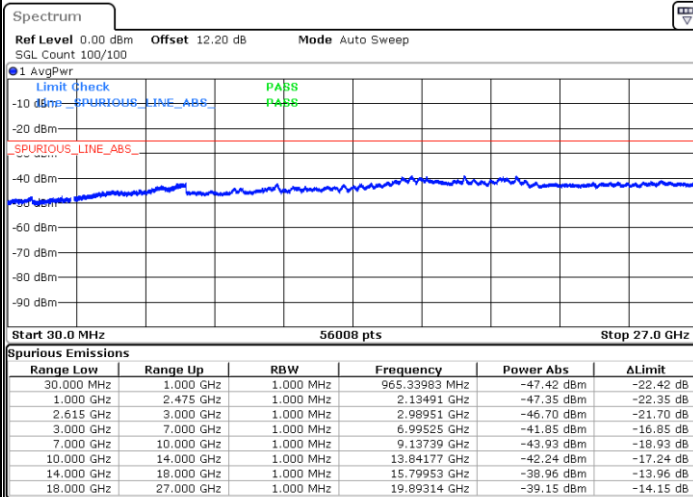
Date: 19 MAY 2020 07:51:01



Date: 19 MAY 2020 07:49:58

Highest Channel / FullIRB

N/A



Date: 19 MAY 2020 07:56:17

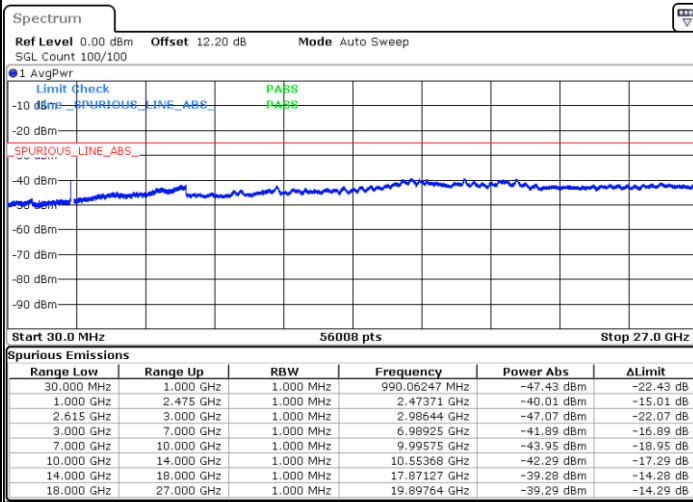


LTE Band 7C / 20MHz+10MHz

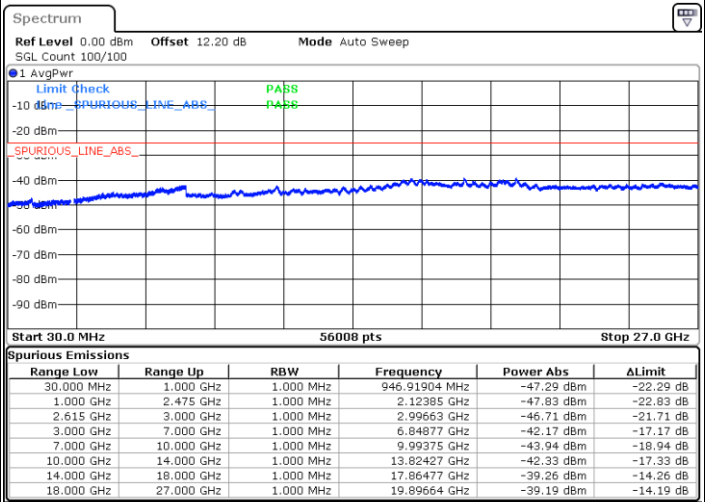
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



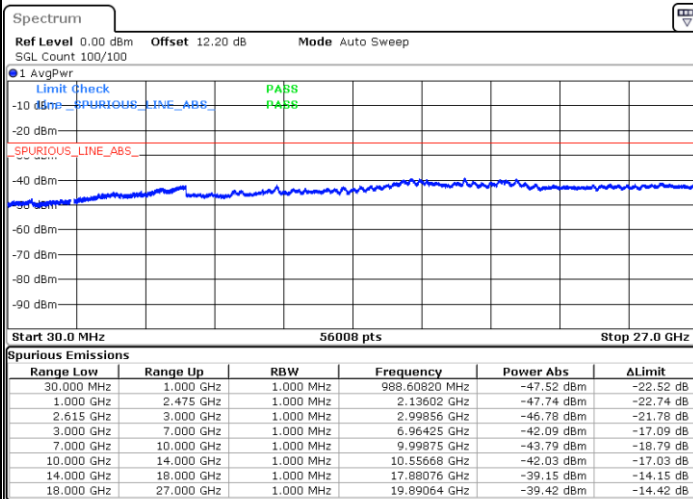
Date: 19 MAY 2020 05:04:58



Date: 19 MAY 2020 04:59:42

Lowest Channel / FullIRB

N/A



Date: 19 MAY 2020 05:06:01

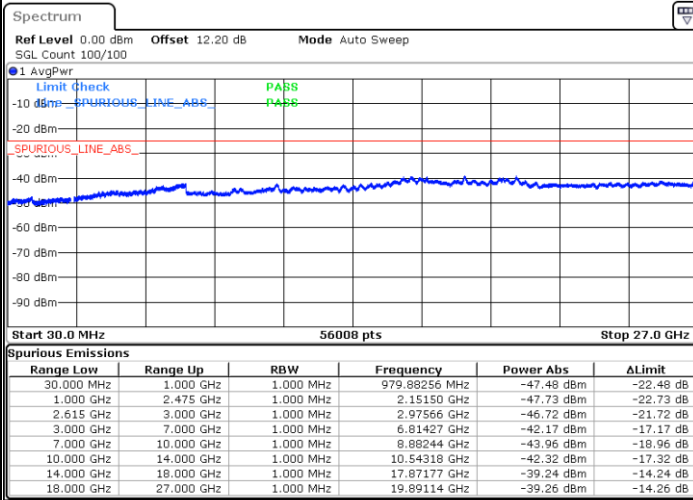


LTE Band 7C / 20MHz+10MHz

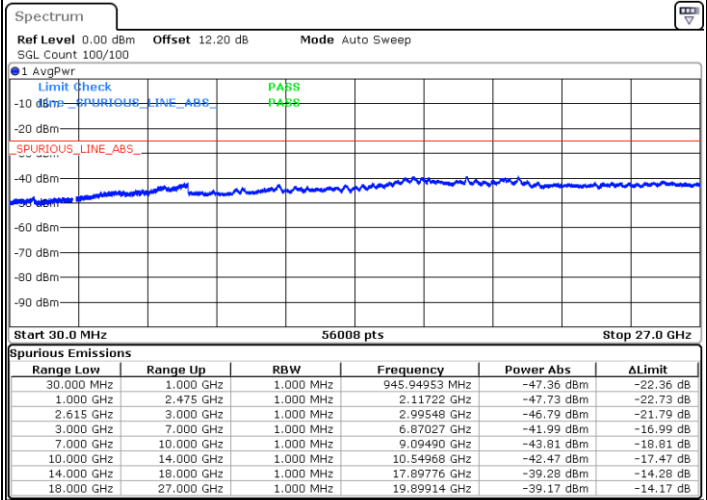
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



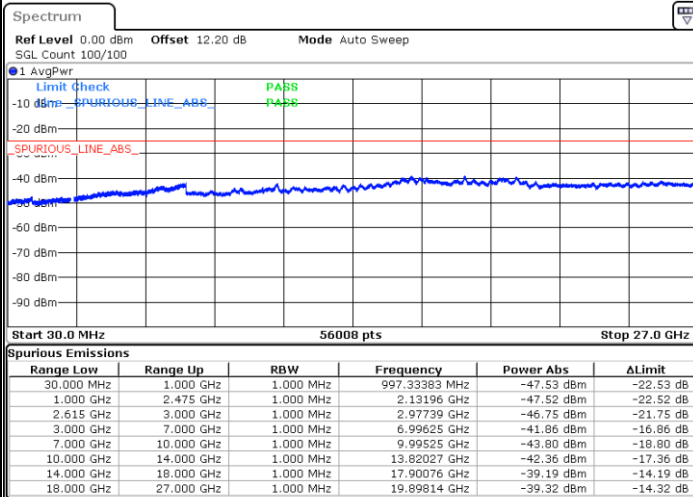
Date: 19 MAY 2020 05:16:03



Date: 19 MAY 2020 05:21:20

Middle Channel / FullIRB

N/A



Date: 19 MAY 2020 05:15:00

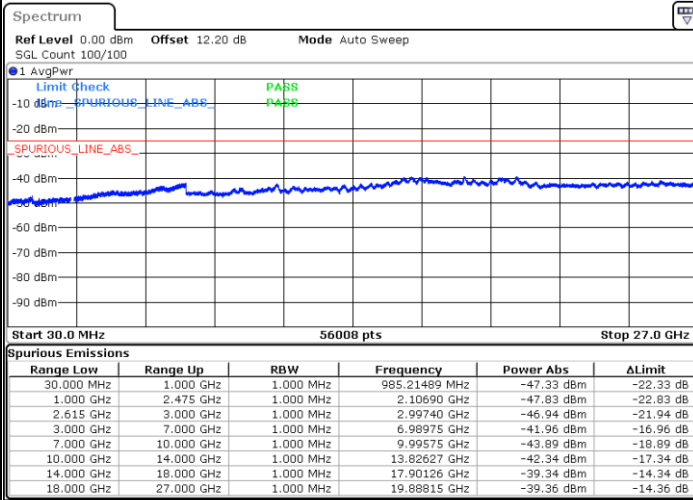


LTE Band 7C / 20MHz+10MHz

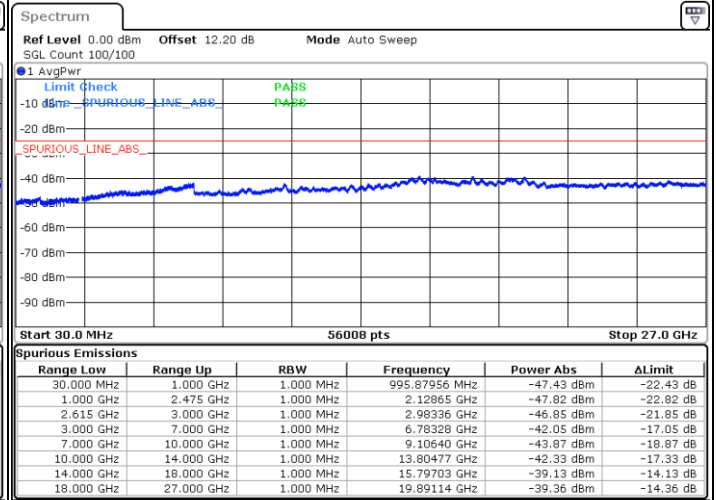
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



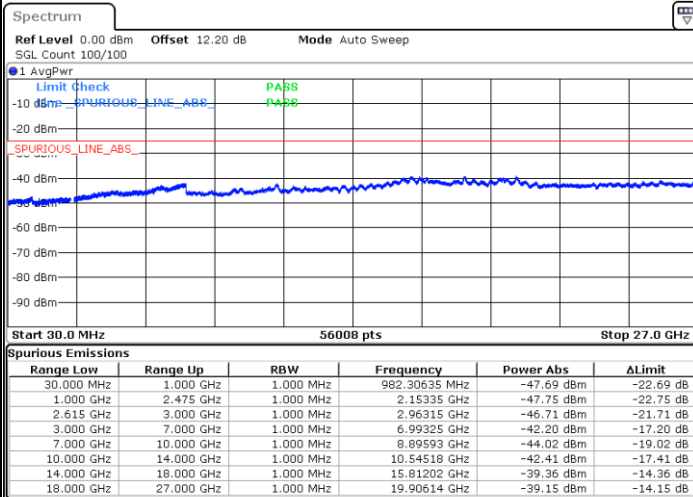
Date: 19 MAY 2020 05:46:32



Date: 19 MAY 2020 05:45:29

Highest Channel / FullIRB

N/A



Date: 19 MAY 2020 05:51:49

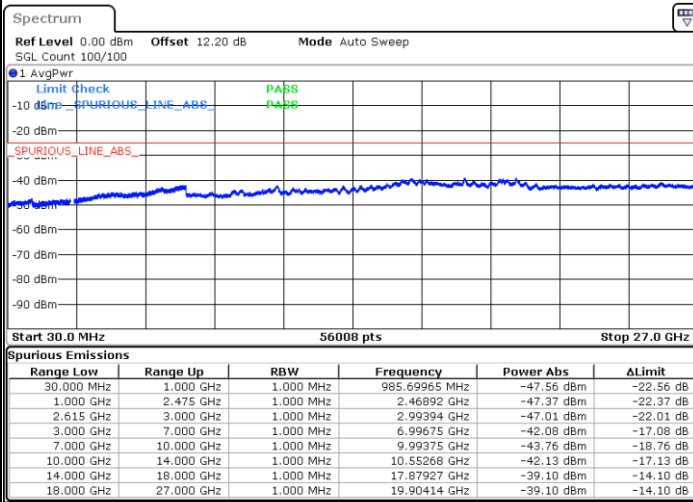


LTE Band 7C / 20MHz+15MHz

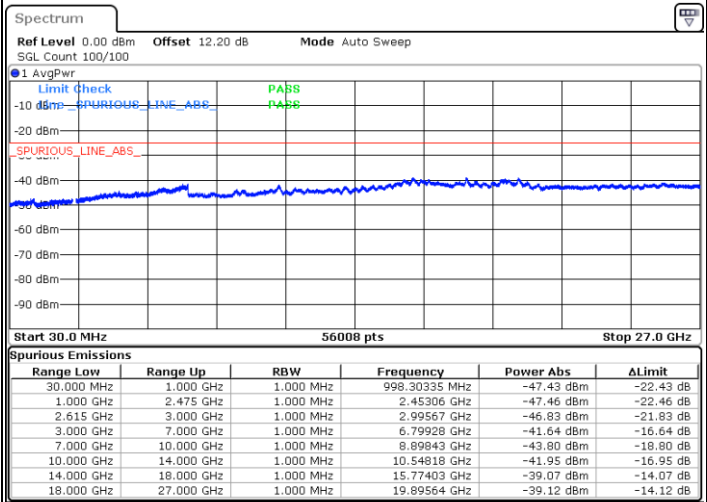
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



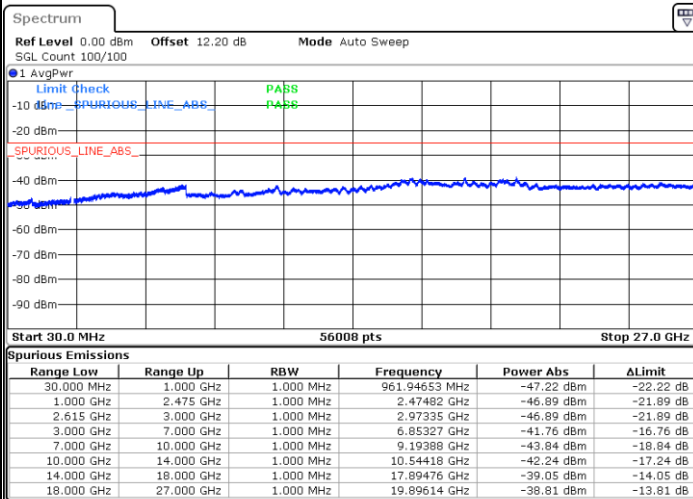
Date: 19 MAY 2020 08:16:43



Date: 19 MAY 2020 08:11:27

Lowest Channel / FullIRB

N/A



Date: 19 MAY 2020 08:17:46

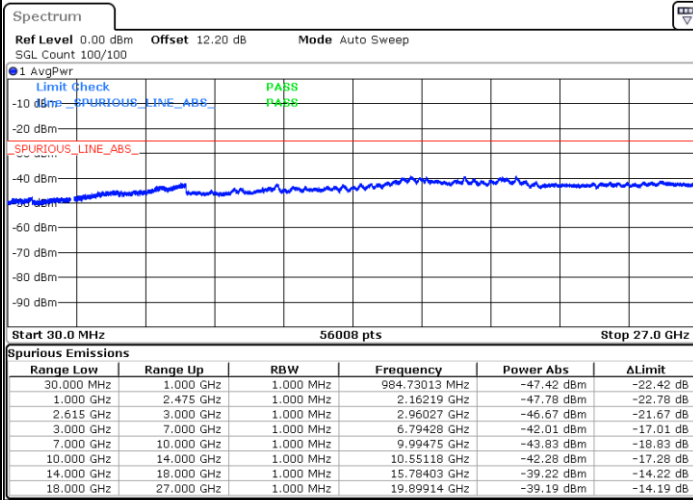


LTE Band 7C / 20MHz+15MHz

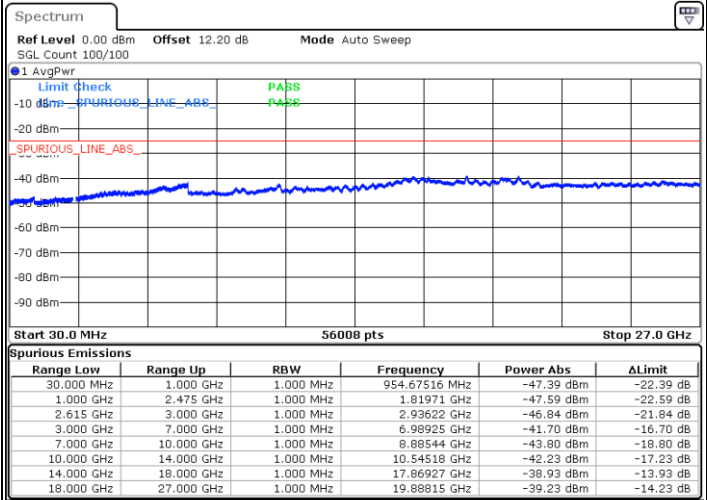
64QAM

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



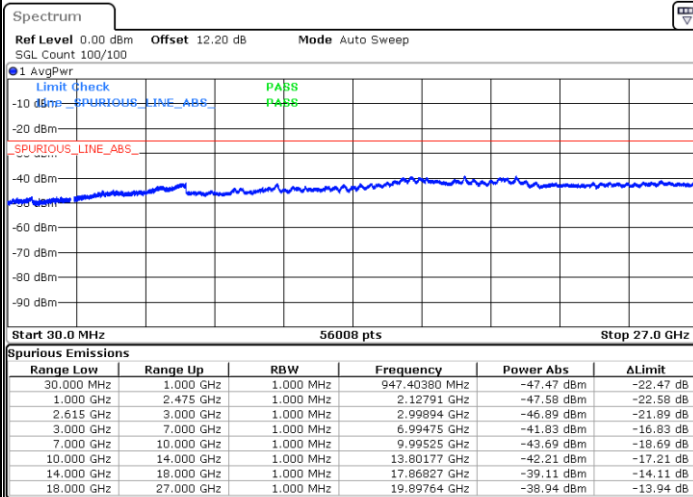
Date: 20 MAY 2020 00:41:13



Date: 20 MAY 2020 00:46:32

Middle Channel / FullIRB

N/A



Date: 20 MAY 2020 00:40:09

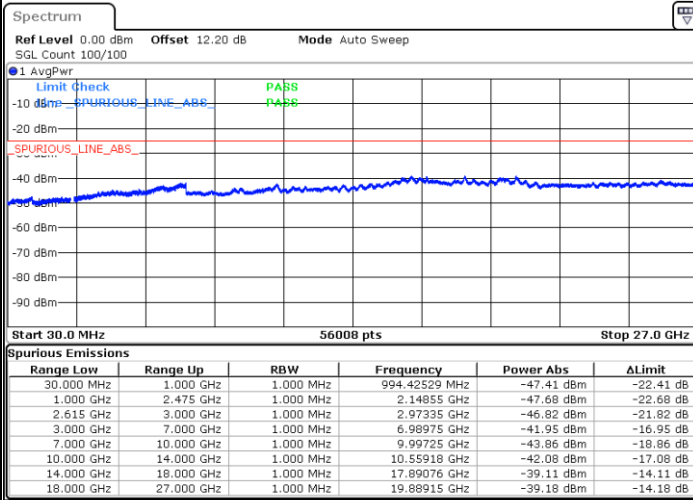


LTE Band 7C / 20MHz+15MHz

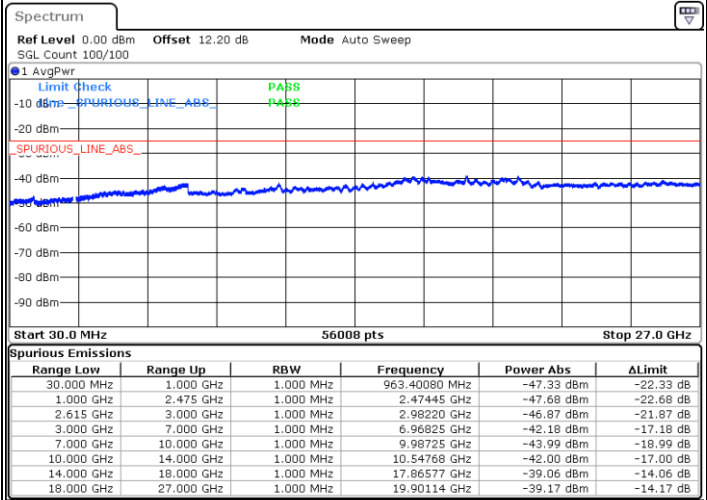
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



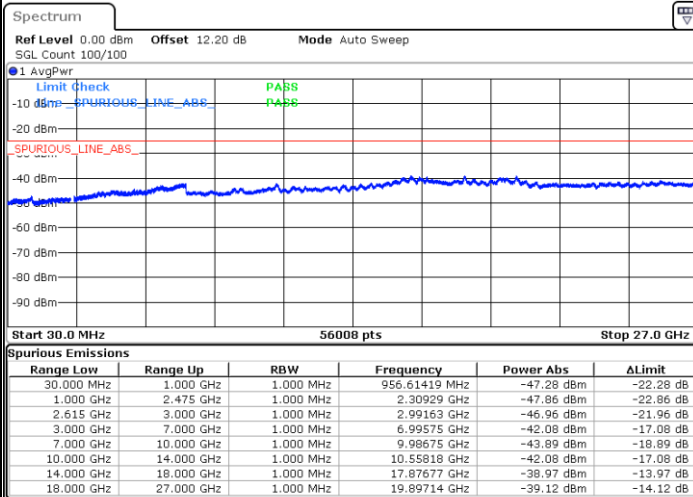
Date: 20 MAY 2020 01:03:20



Date: 20 MAY 2020 01:02:17

Highest Channel / FullIRB

N/A



Date: 20 MAY 2020 01:08:41

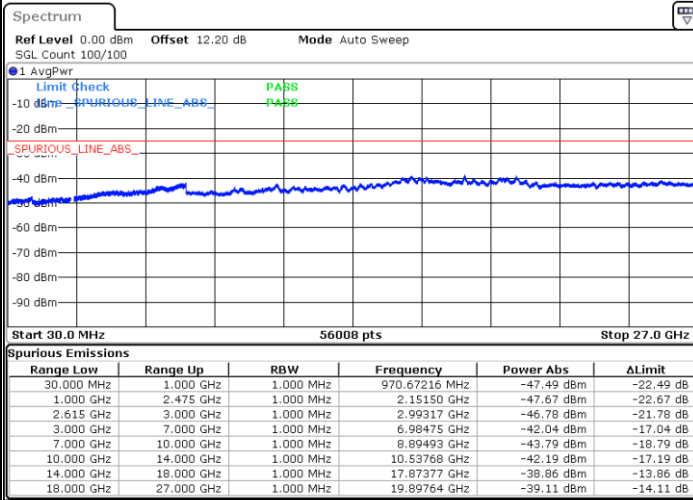


LTE Band 7C / 20MHz+20MHz

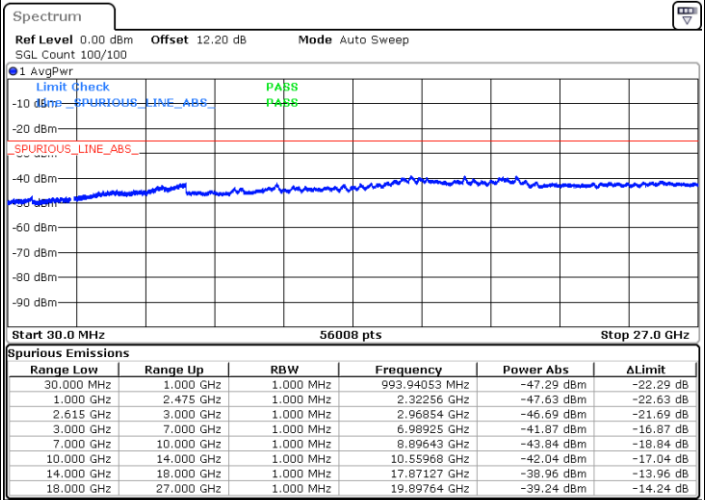
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



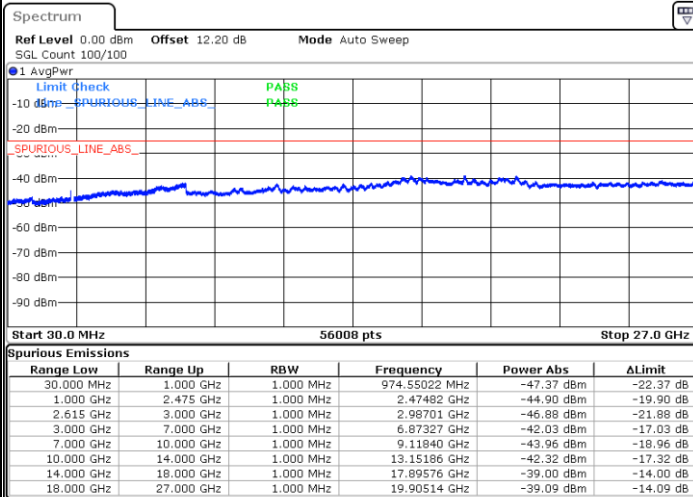
Date: 20 MAY 2020 01:38:57



Date: 20 MAY 2020 01:33:33

Lowest Channel / FullIRB

N/A



Date: 20 MAY 2020 01:40:01

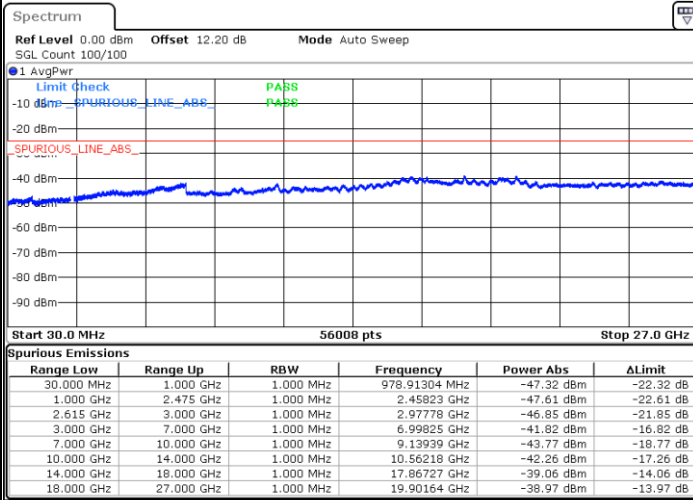


LTE Band 7C / 20MHz+20MHz

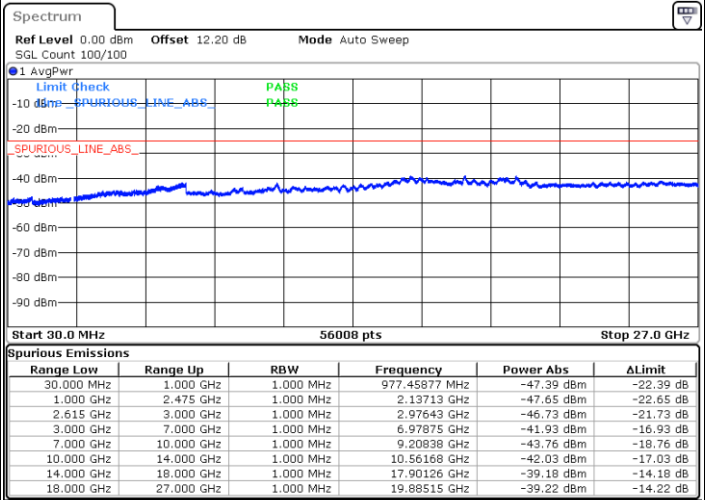
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



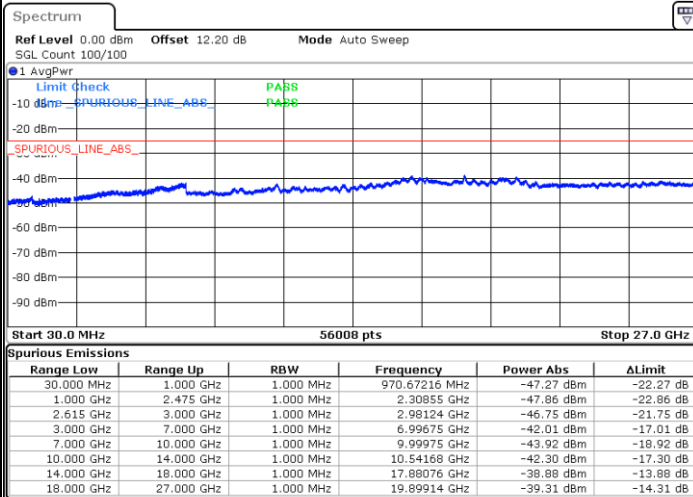
Date: 20 MAY 2020 01:56:24



Date: 20 MAY 2020 02:01:43

Middle Channel / FullIRB

N/A



Date: 20 MAY 2020 01:55:20

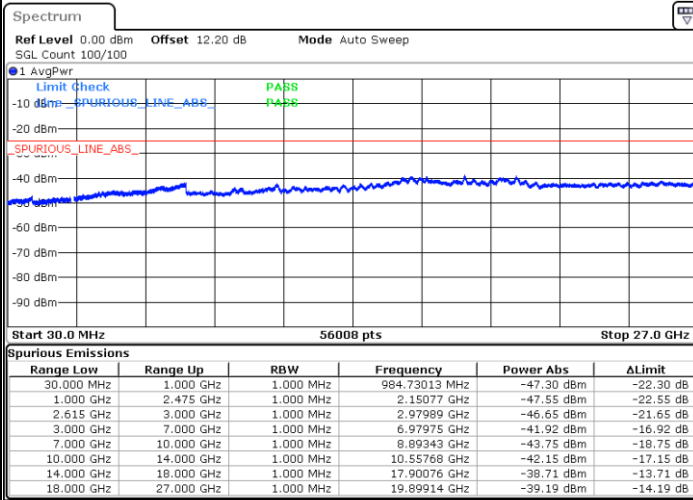


LTE Band 7C / 20MHz+20MHz

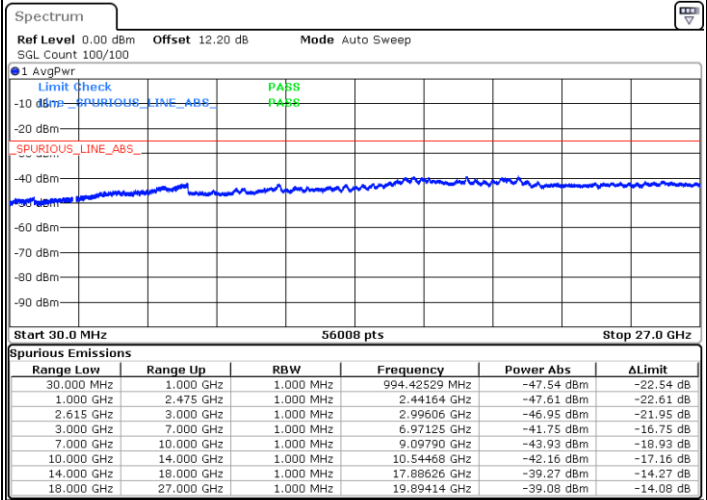
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



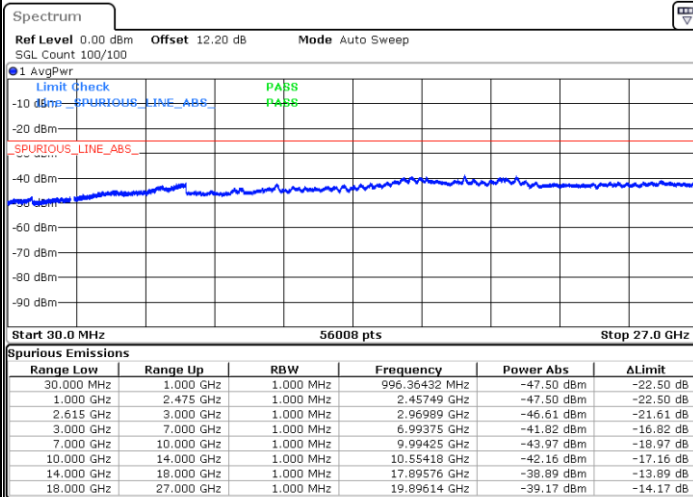
Date: 20 MAY 2020 02:34:24



Date: 20 MAY 2020 02:33:21

Highest Channel / FullIRB

N/A



Date: 20 MAY 2020 02:39:45



LTE Band 12

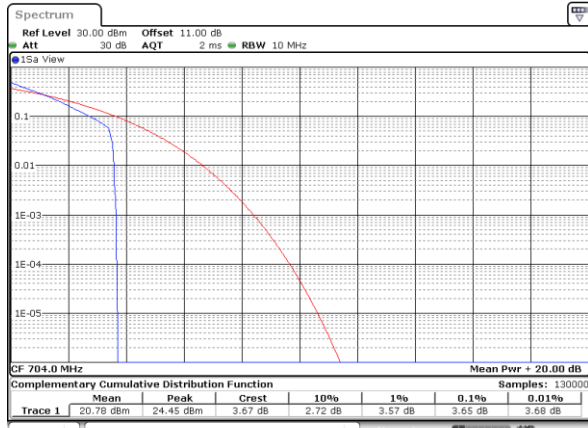
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.65	5.01	5.51	5.77	PASS
Middle CH	3.68	4.96	5.62	5.86	
Highest CH	3.45	5.01	5.36	5.86	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.32	6.32	-	-	PASS
Middle CH	7.36	6.20	-	-	
Highest CH	7.19	6.26	-	-	

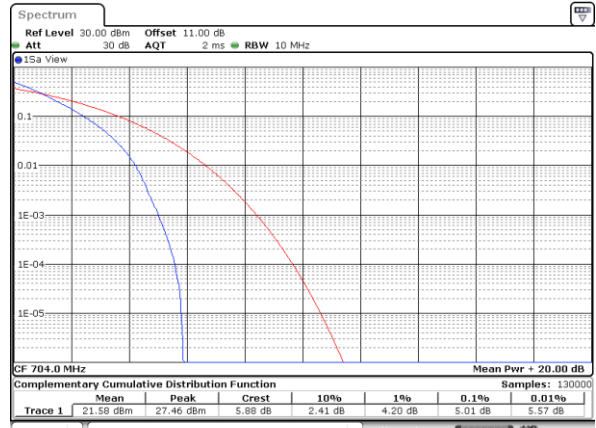


LTE Band 12 / 10MHz / QPSK

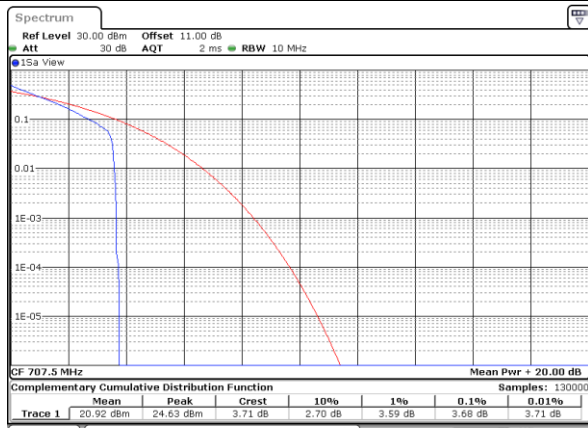
Lowest Channel / 1RB



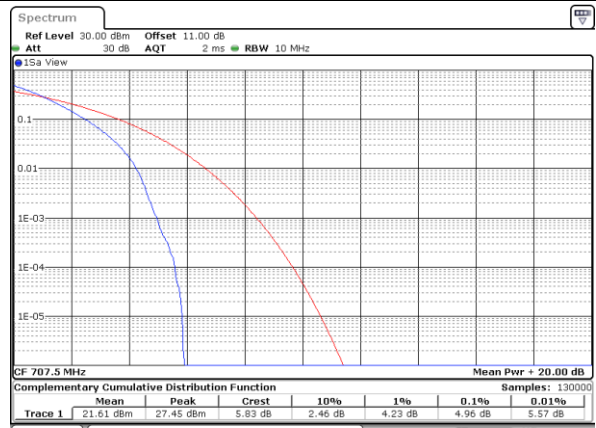
Lowest Channel / Full RB



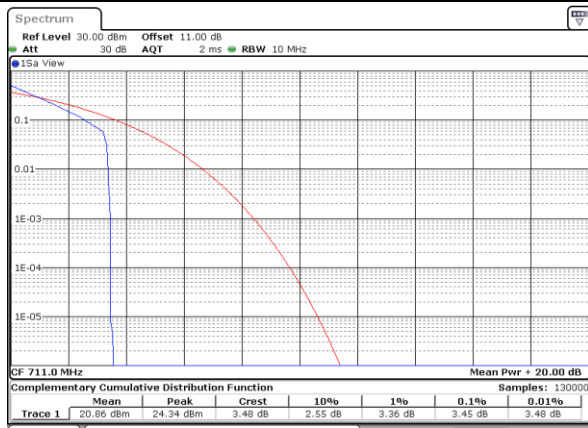
Middle Channel / 1RB



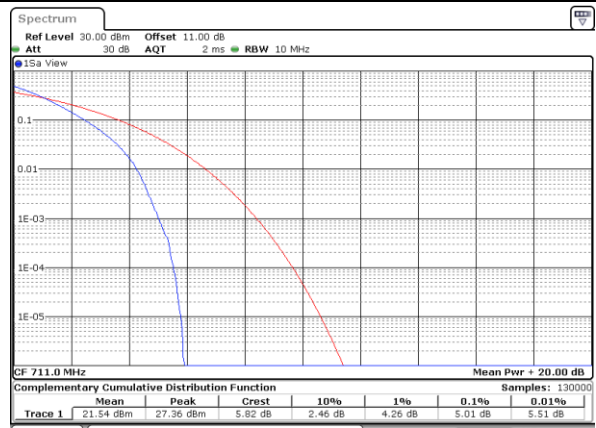
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



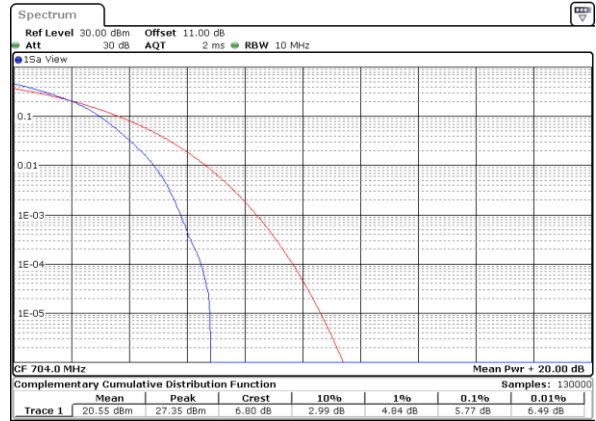


LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



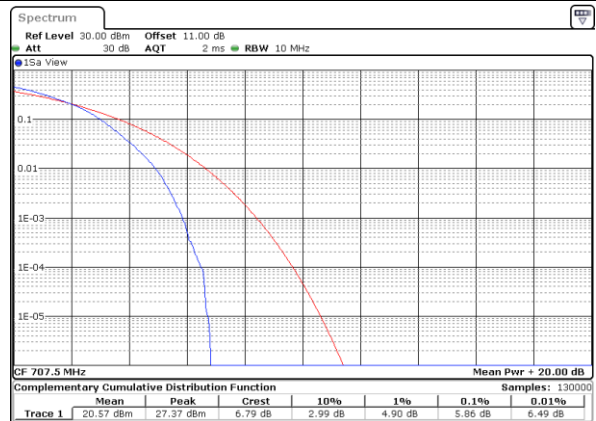
Lowest Channel / Full RB



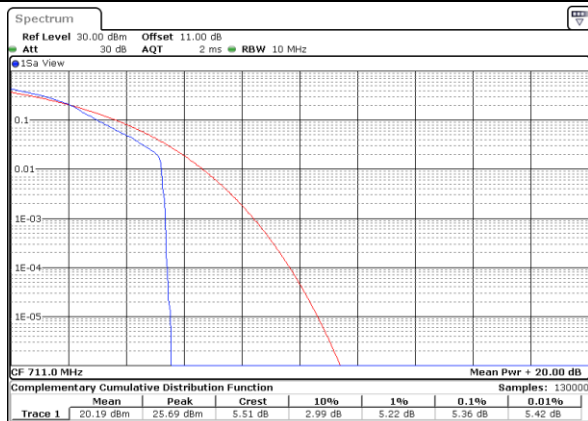
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



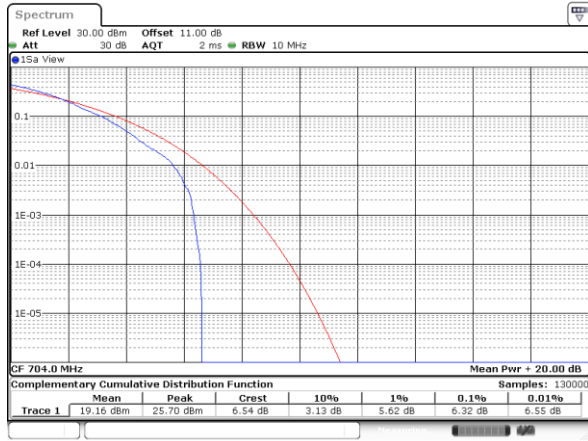
Highest Channel / Full RB



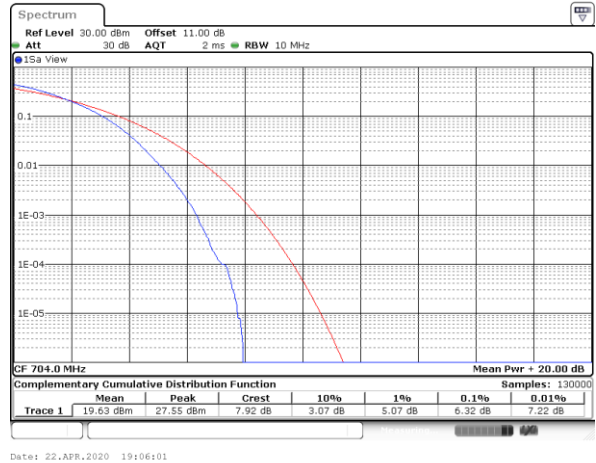


LTE Band 12 / 10MHz / 64QAM

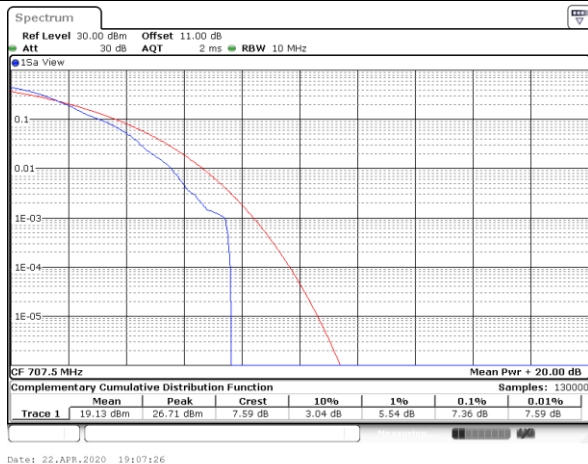
Lowest Channel / 1RB



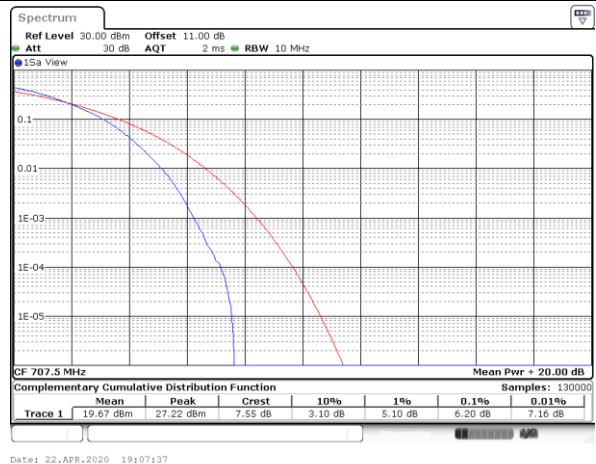
Lowest Channel / Full RB



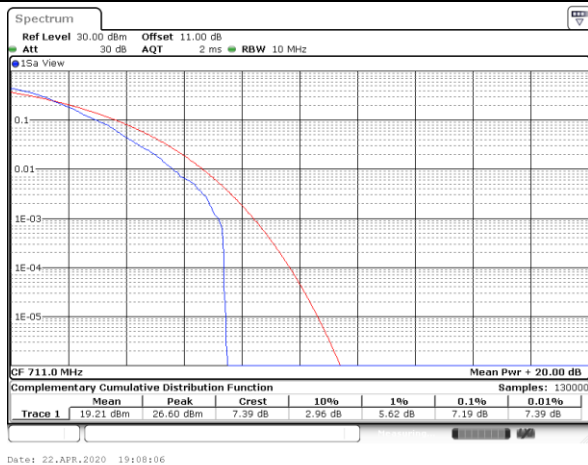
Middle Channel / 1RB



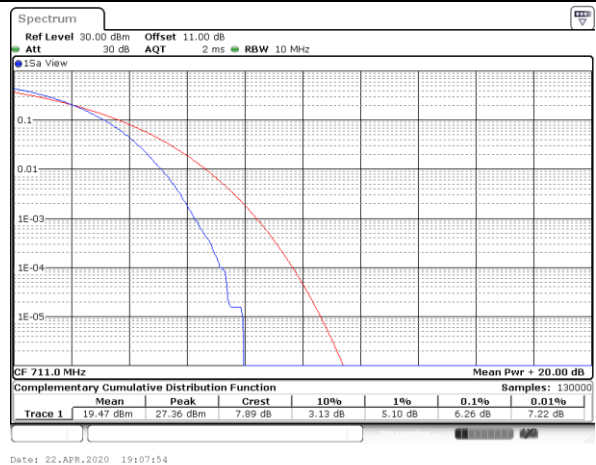
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



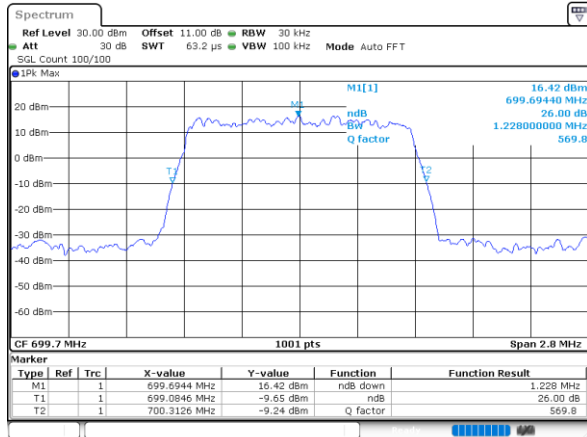
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.22	2.96	3.03	4.92	4.93	9.65	9.77	-	-	-	-
Middle CH	1.23	1.23	3.03	3.05	4.89	4.79	9.81	9.93	-	-	-	-
Highest CH	1.23	1.22	3.02	3.03	4.89	4.91	9.71	9.67	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.03	-	4.91	-	9.95	-	-	-	-	-
Middle CH	1.23	-	2.97	-	4.99	-	9.75	-	-	-	-	-
Highest CH	1.23	-	3.01	-	4.88	-	9.87	-	-	-	-	-



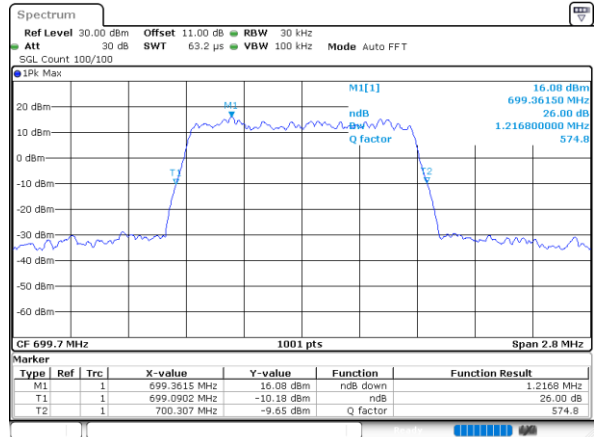
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



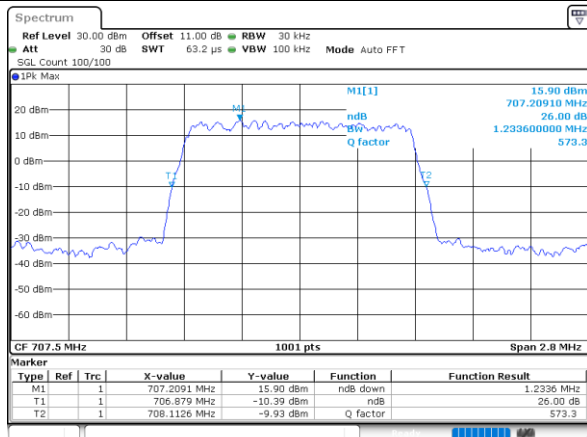
Date: 22.APR.2020 15:38:53

Lowest Channel / 1.4MHz / 16QAM



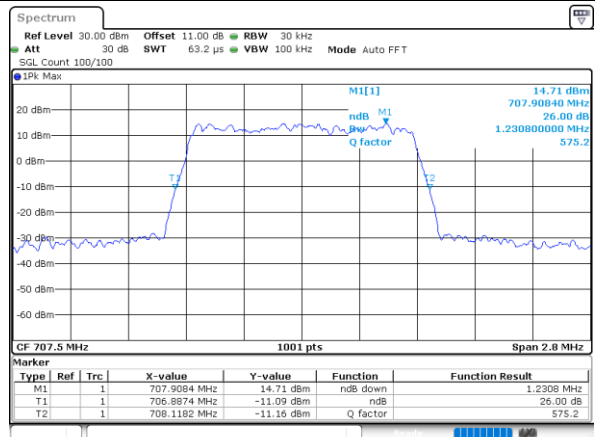
Date: 22.APR.2020 15:38:41

Middle Channel / 1.4MHz / QPSK



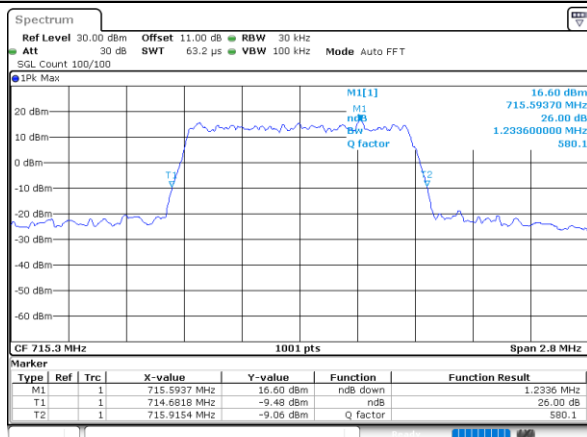
Date: 22.APR.2020 15:44:52

Middle Channel / 1.4MHz / 16QAM



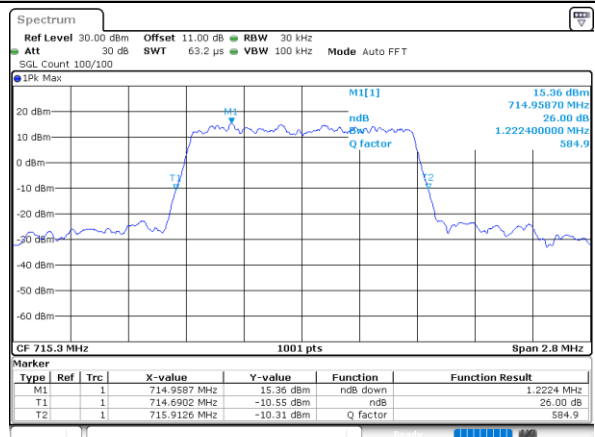
Date: 22.APR.2020 15:45:04

Highest Channel / 1.4MHz / QPSK



Date: 22.APR.2020 15:47:12

Highest Channel / 1.4MHz / 16QAM

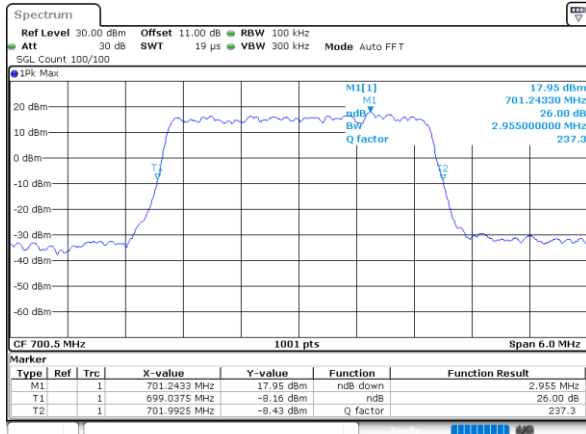


Date: 22.APR.2020 15:47:00

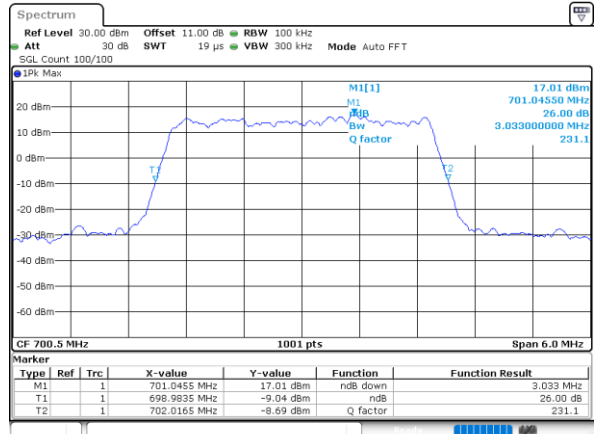


LTE Band 12

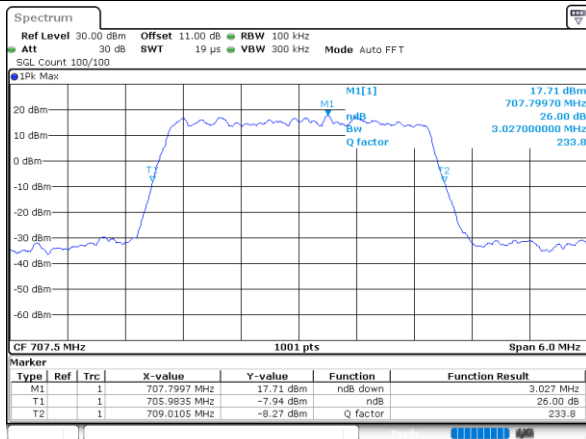
Lowest Channel / 3MHz / QPSK



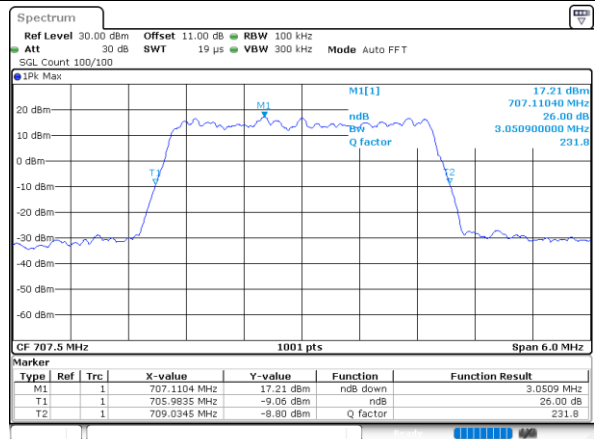
Lowest Channel / 3MHz / 16QAM



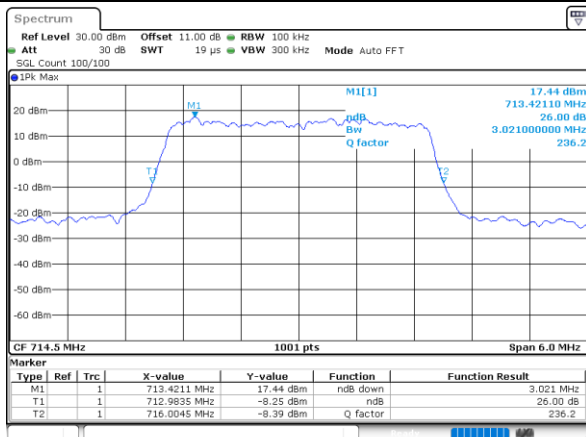
Middle Channel / 3MHz / QPSK



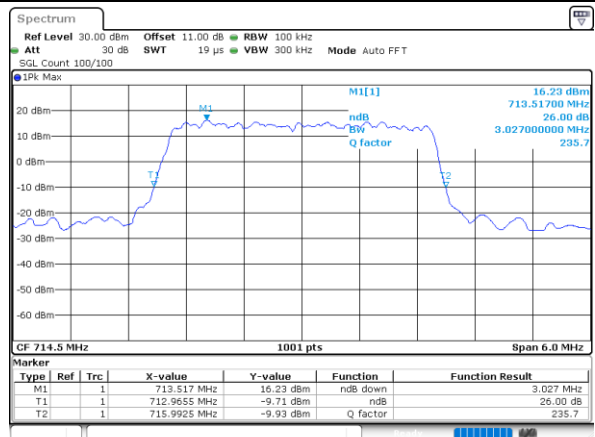
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



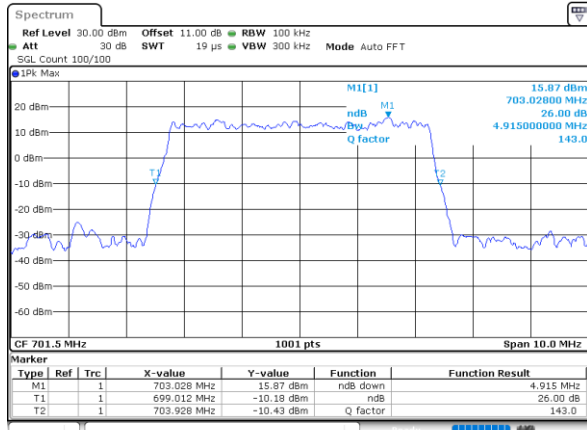
Highest Channel / 3MHz / 16QAM





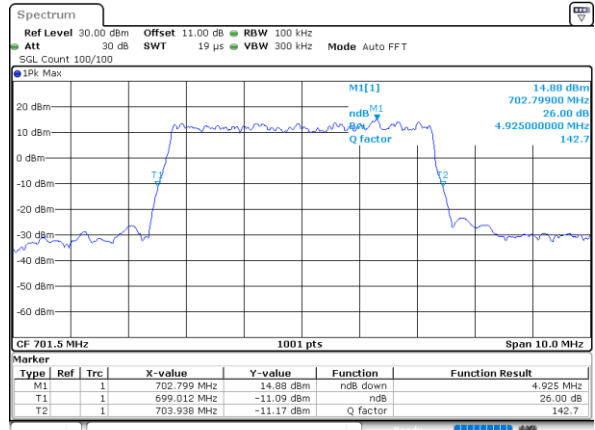
LTE Band 12

Lowest Channel / 5MHz / QPSK



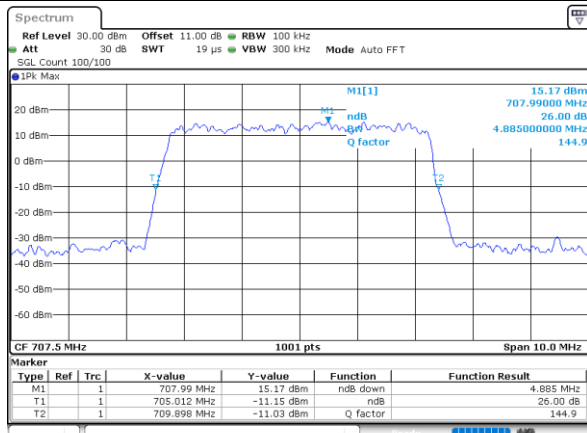
Date: 22.APR.2020 16:07:54

Lowest Channel / 5MHz / 16QAM



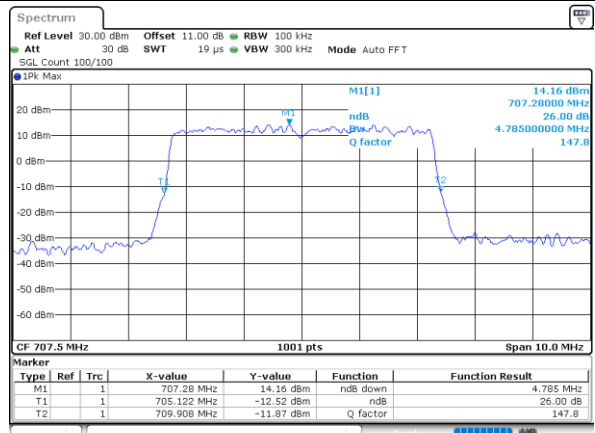
Date: 22.APR.2020 16:07:42

Middle Channel / 5MHz / QPSK



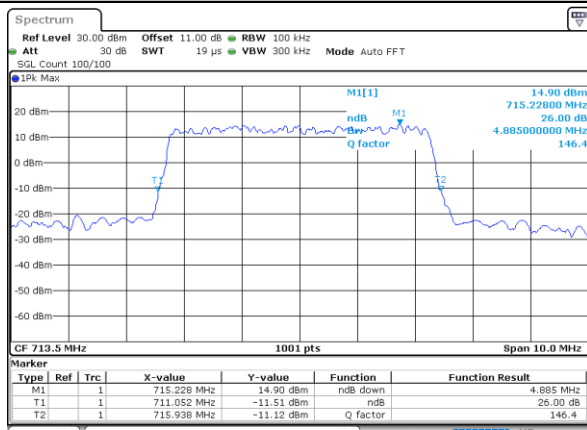
Date: 22.APR.2020 16:13:56

Middle Channel / 5MHz / 16QAM



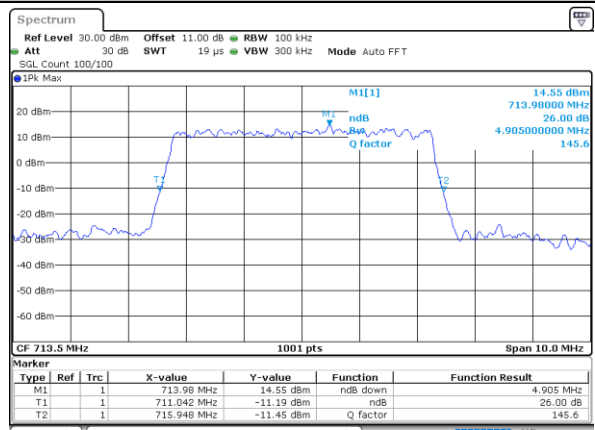
Date: 22.APR.2020 16:14:07

Highest Channel / 5MHz / QPSK



Date: 22.APR.2020 16:16:16

Highest Channel / 5MHz / 16QAM

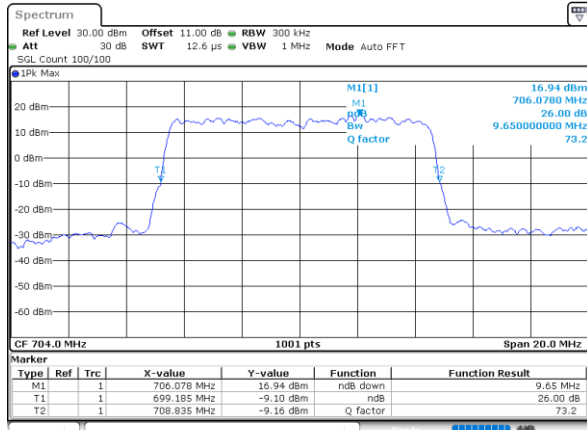


Date: 22.APR.2020 16:16:04

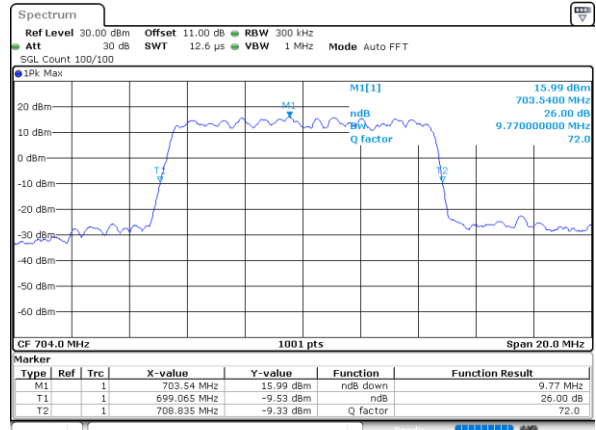


LTE Band 12

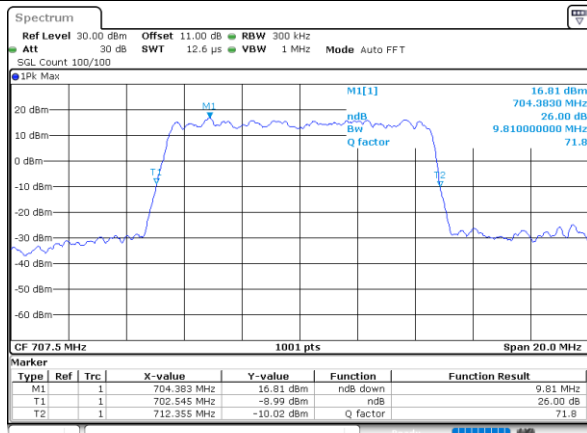
Lowest Channel / 10MHz / QPSK



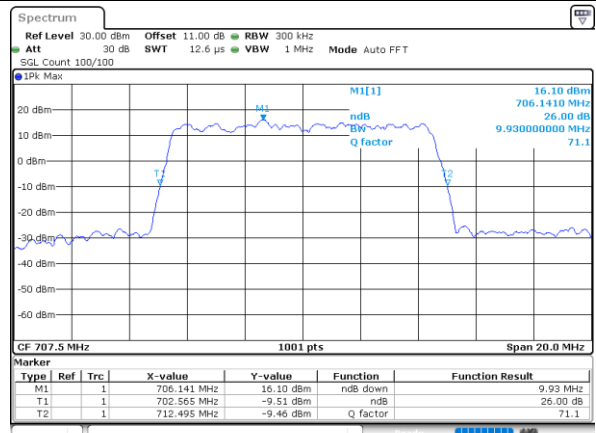
Lowest Channel / 10MHz / 16QAM



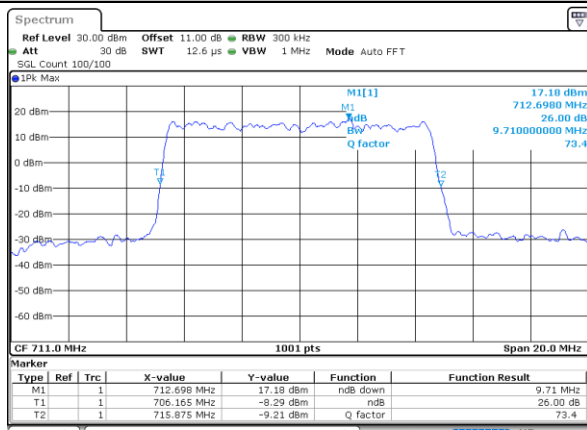
Middle Channel / 10MHz / QPSK



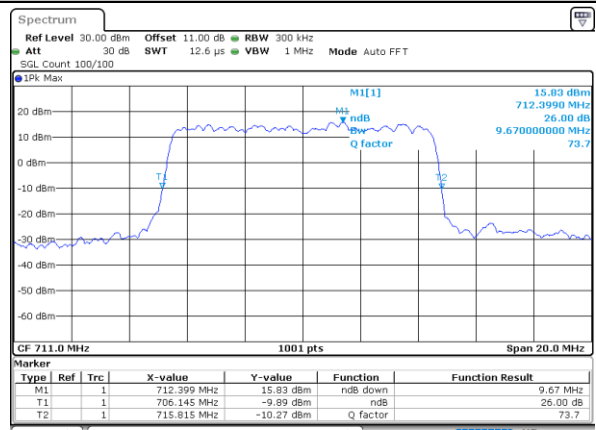
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



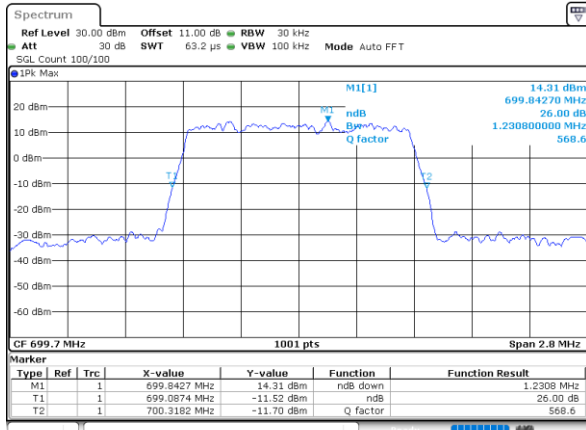
Highest Channel / 10MHz / 16QAM





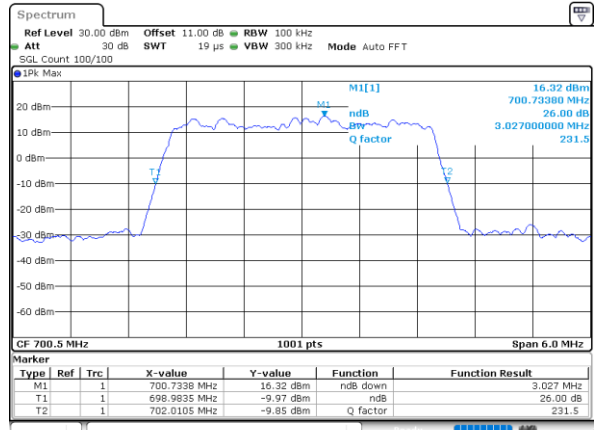
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



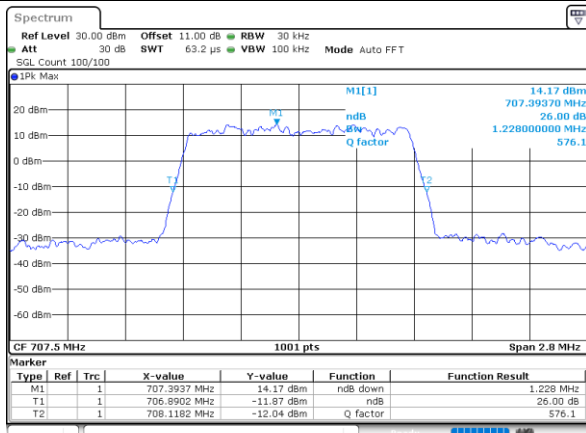
Date: 22.APR.2020 17:35:41

Lowest Channel / 3MHz / 64QAM



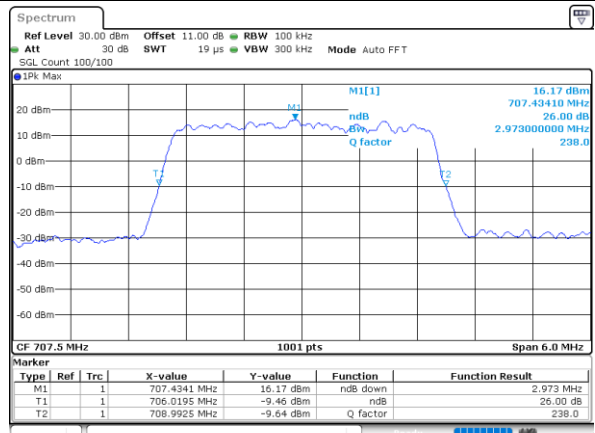
Date: 22.APR.2020 17:42:56

Middle Channel / 1.4MHz / 64QAM



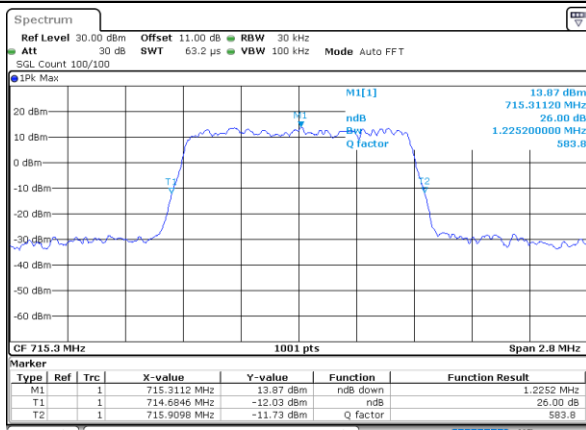
Date: 22.APR.2020 17:38:46

Middle Channel / 3MHz / 64QAM



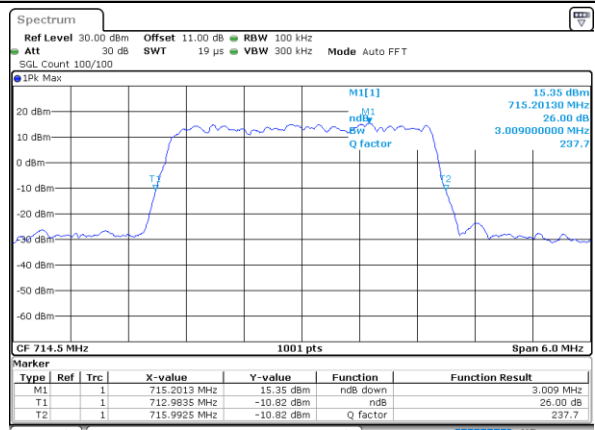
Date: 22.APR.2020 17:46:00

Highest Channel / 1.4MHz / 64QAM



Date: 22.APR.2020 17:39:50

Highest Channel / 3MHz / 64QAM

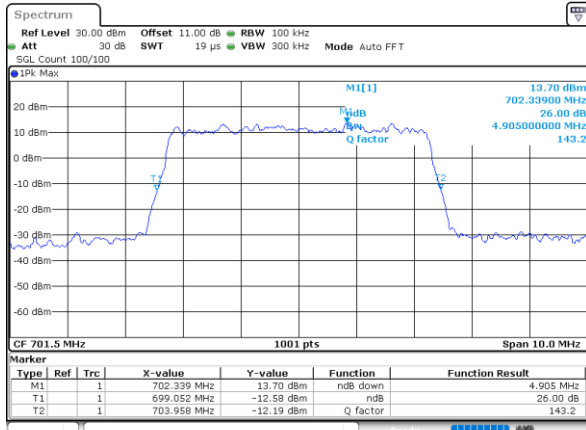


Date: 22.APR.2020 17:47:04

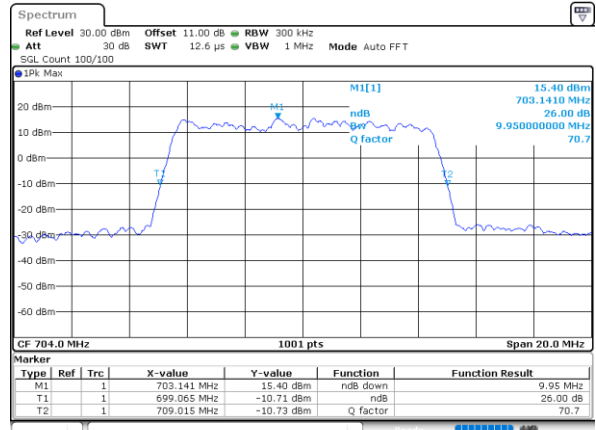


LTE Band 12

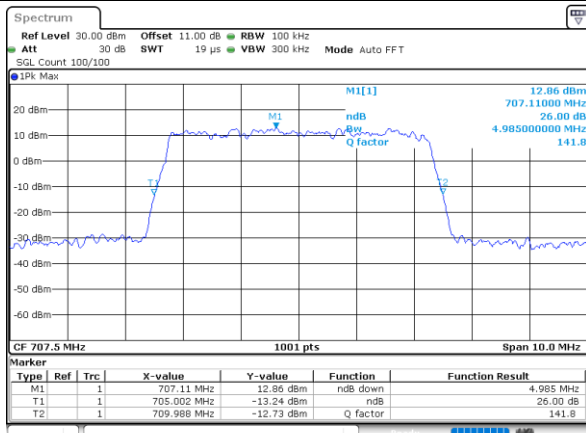
Lowest Channel / 5MHz / 64QAM



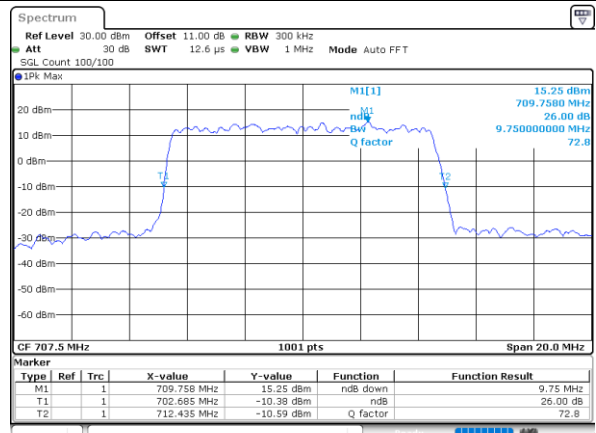
Lowest Channel / 10MHz / 64QAM



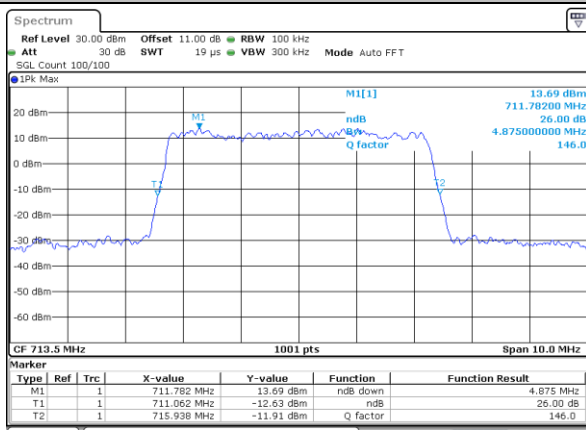
Middle Channel / 5MHz / 64QAM



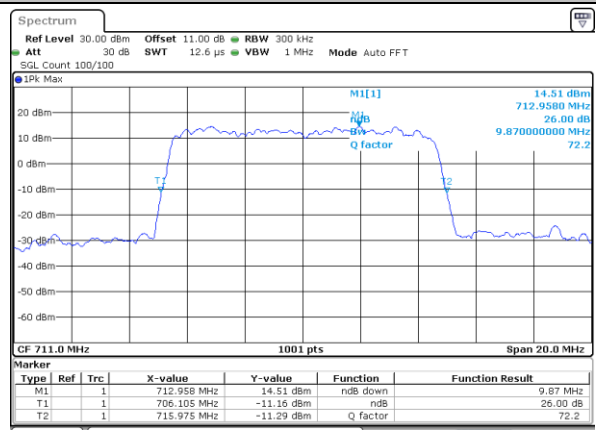
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



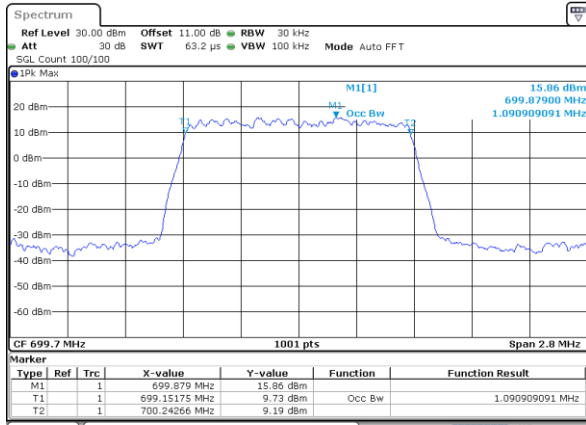
**Occupied Bandwidth**

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.73	4.48	4.49	9.03	9.01	-	-	-	-
Middle CH	1.09	1.09	2.72	2.72	4.49	4.48	8.97	8.97	-	-	-	-
Highest CH	1.08	1.09	2.72	2.72	4.50	4.49	9.05	8.95	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	8.99	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.49	-	9.03	-	-	-	-	-
Highest CH	1.09	-	2.70	-	4.51	-	9.03	-	-	-	-	-

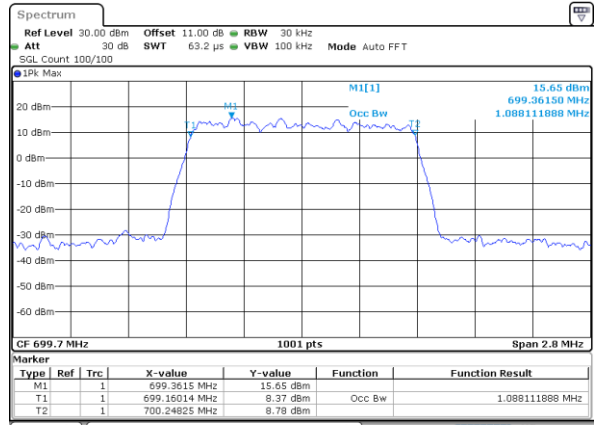


LTE Band 12

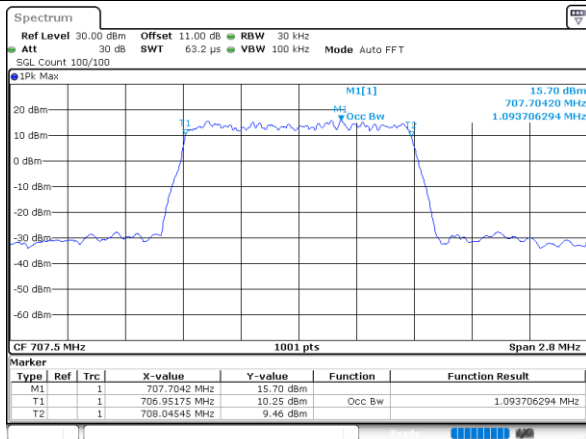
Lowest Channel / 1.4MHz / QPSK



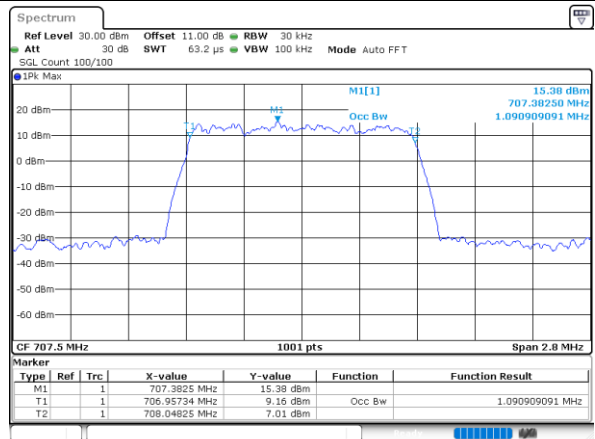
Lowest Channel / 1.4MHz / 16QAM



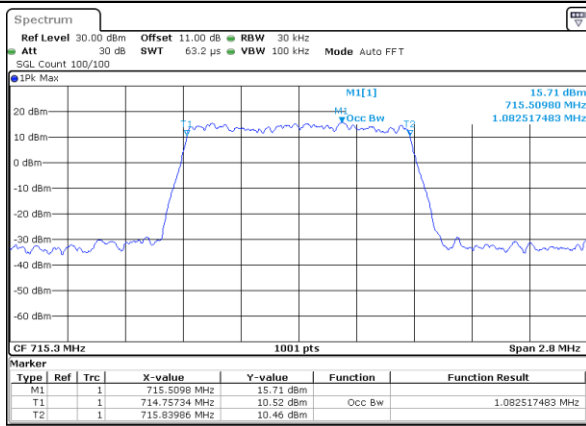
Middle Channel / 1.4MHz / QPSK



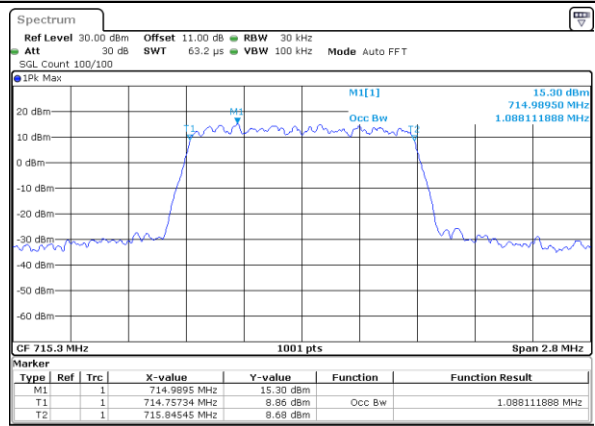
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



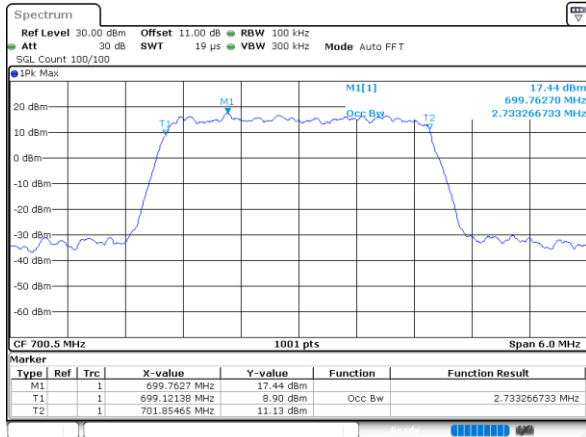
Highest Channel / 1.4MHz / 16QAM



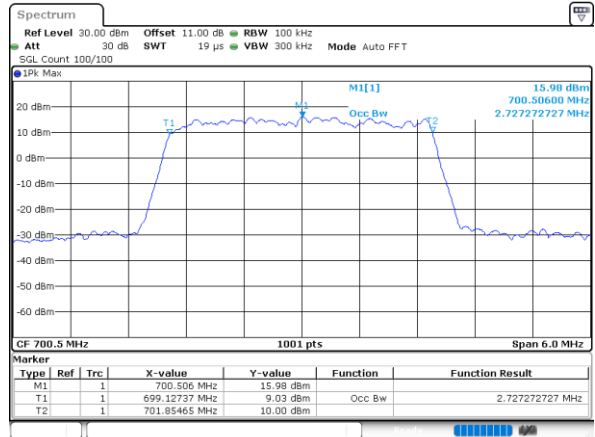


LTE Band 12

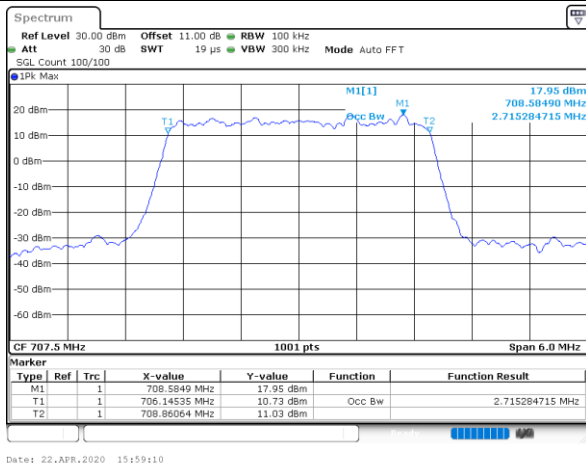
Lowest Channel / 3MHz / QPSK



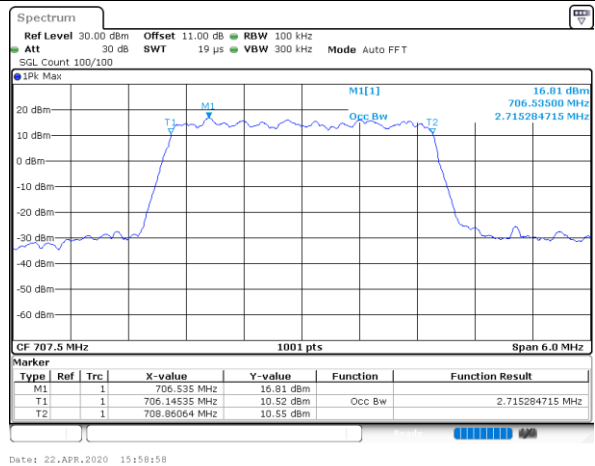
Lowest Channel / 3MHz / 16QAM



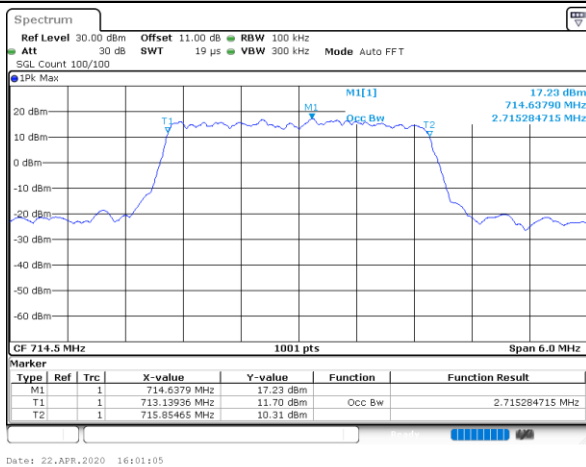
Middle Channel / 3MHz / QPSK



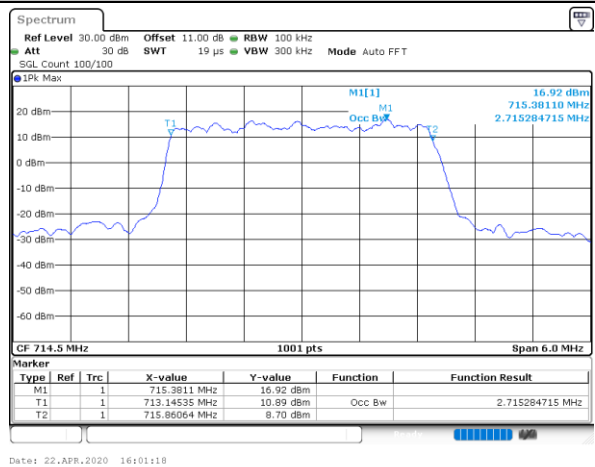
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



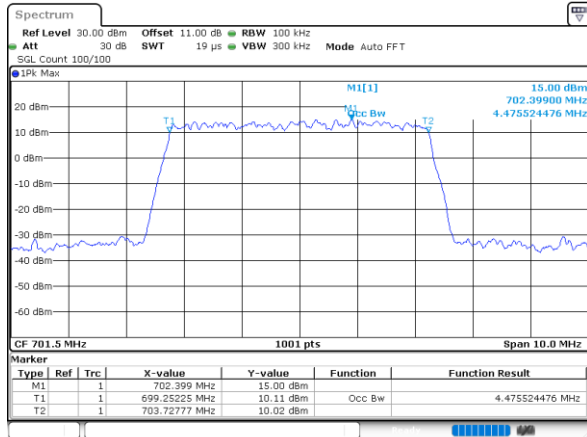
Highest Channel / 3MHz / 16QAM



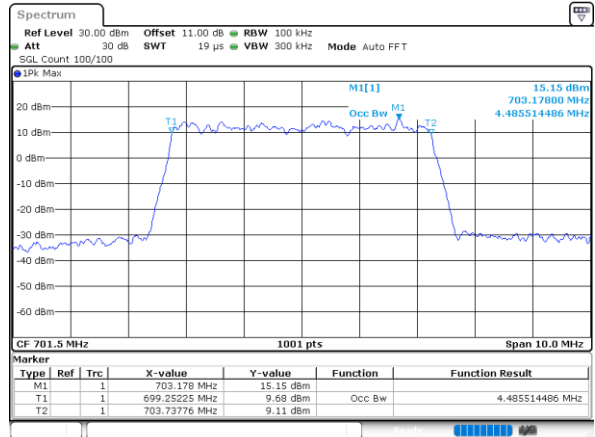


LTE Band 12

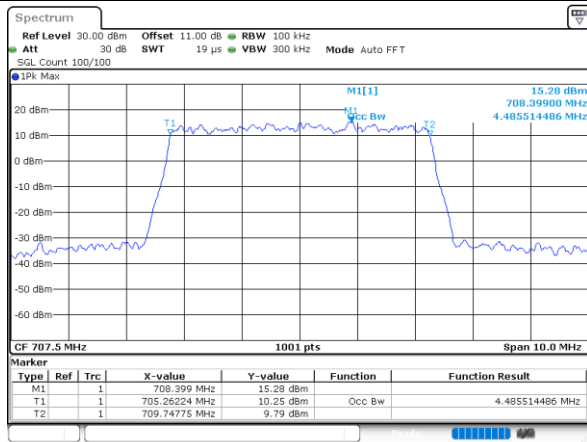
Lowest Channel / 5MHz / QPSK



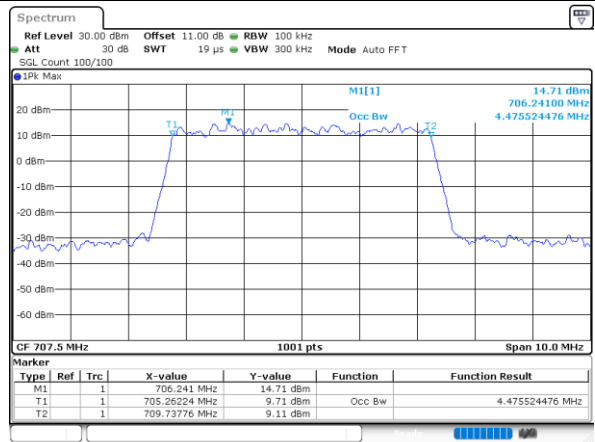
Lowest Channel / 5MHz / 16QAM



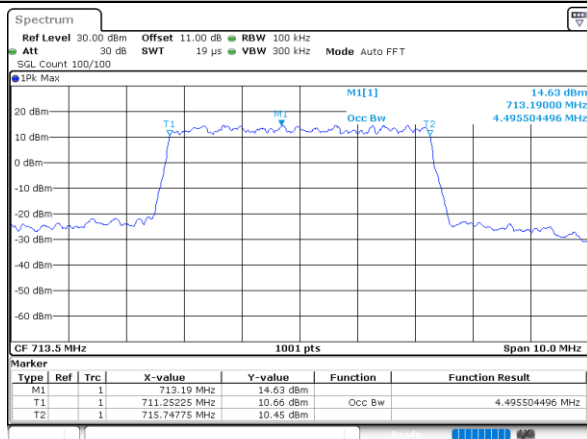
Middle Channel / 5MHz / QPSK



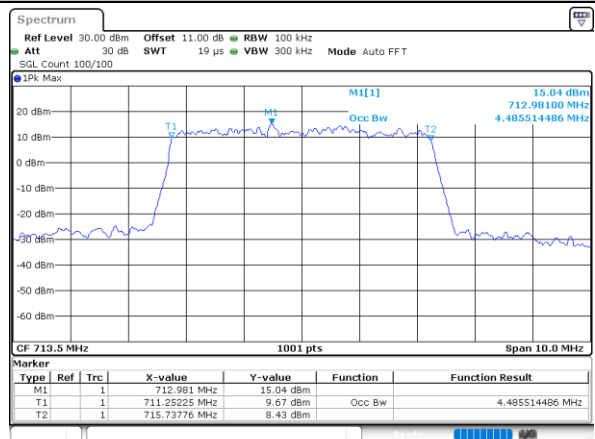
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



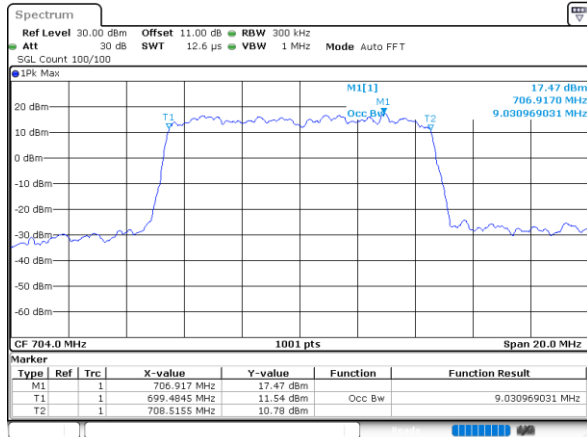
Highest Channel / 5MHz / 16QAM



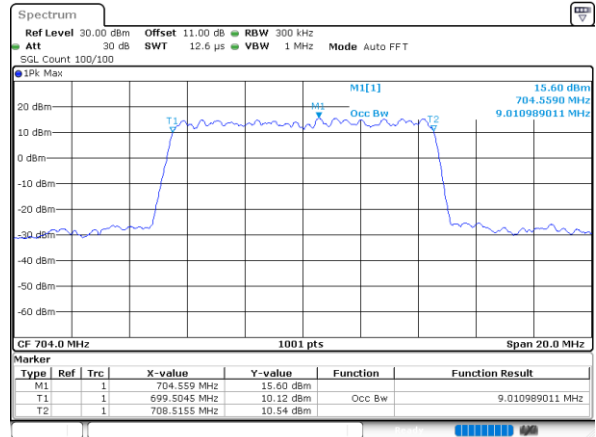


LTE Band 12

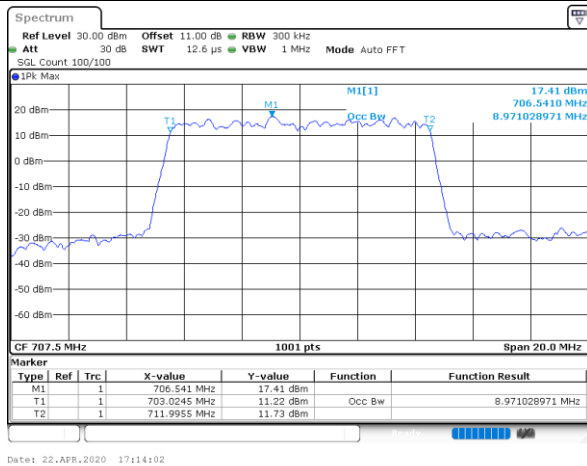
Lowest Channel / 10MHz / QPSK



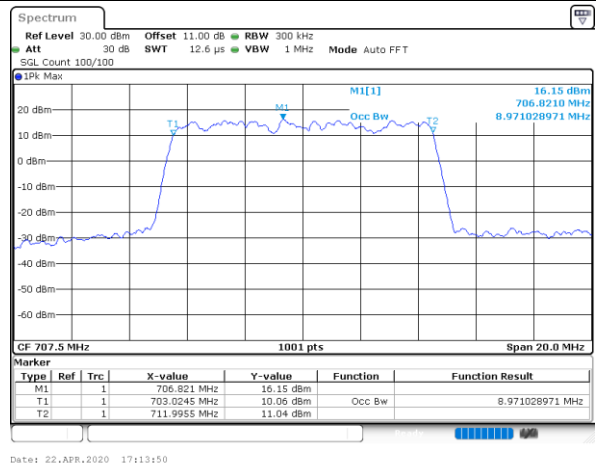
Lowest Channel / 10MHz / 16QAM



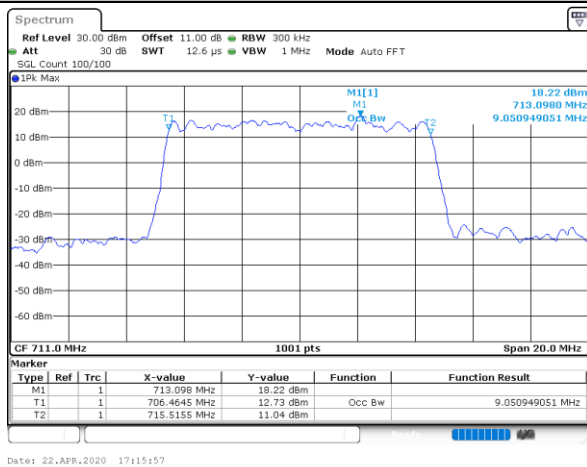
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

