

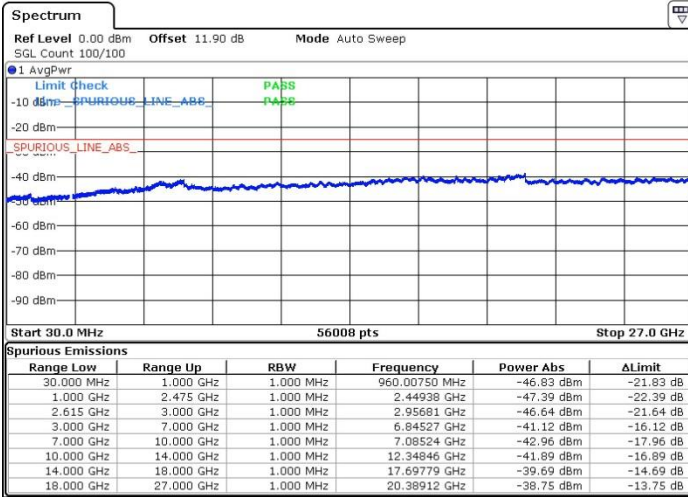


LTE Band 7 / 15MHz+20MHz

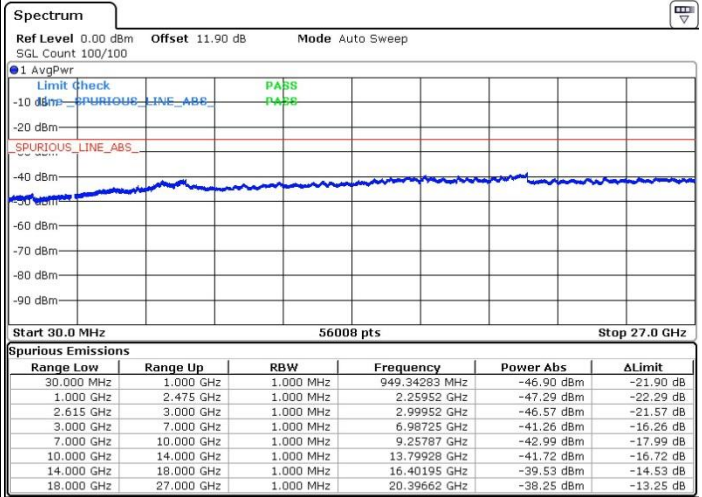
64QAM

Lowest Channel / 1RB0 and 1RB9

Lowest Channel / 1RB74 and 1RB0



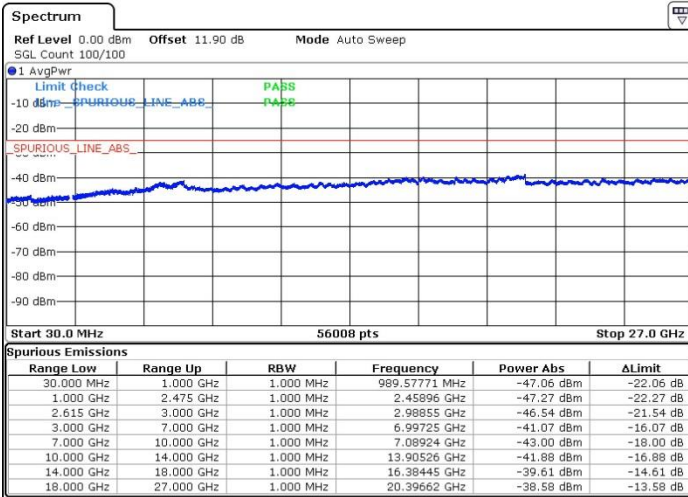
Date: 5.APR.2018 05:38:40



Date: 5.APR.2018 05:43:54

Lowest Channel / FullIRB

N/A



Date: 5.APR.2018 05:33:29

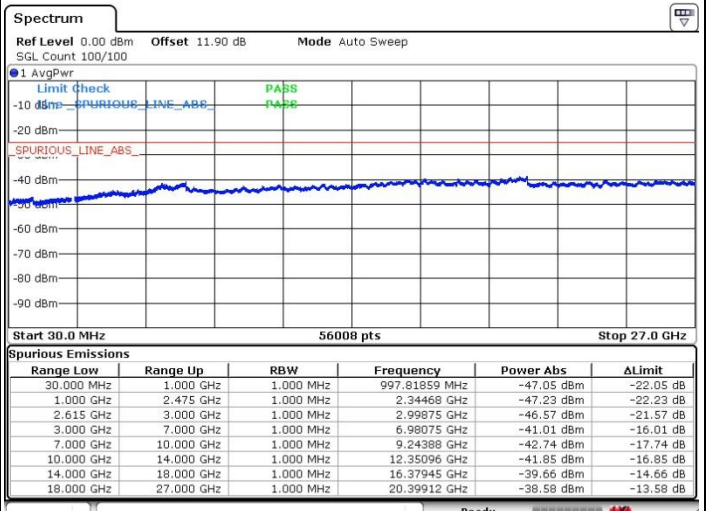
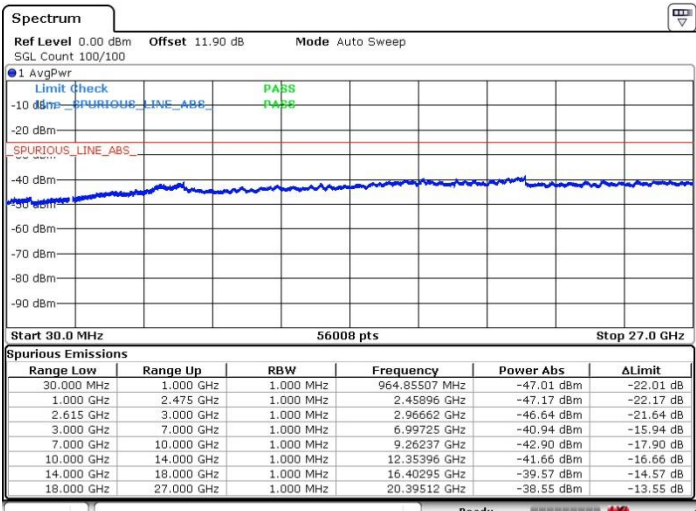


LTE Band 7 / 15MHz+20MHz

64QAM

Middle Channel / 1RB0 and 1RB9

Middle Channel / 1RB74 and 1RB0

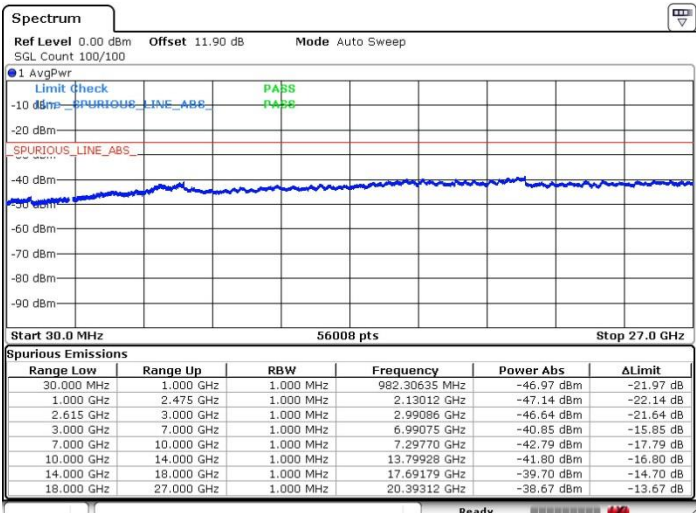


Date: 5.APR.2018 05:53:18

Date: 5.APR.2018 05:50:04

Middle Channel / FullIRB

N/A



Date: 5.APR.2018 05:56:34

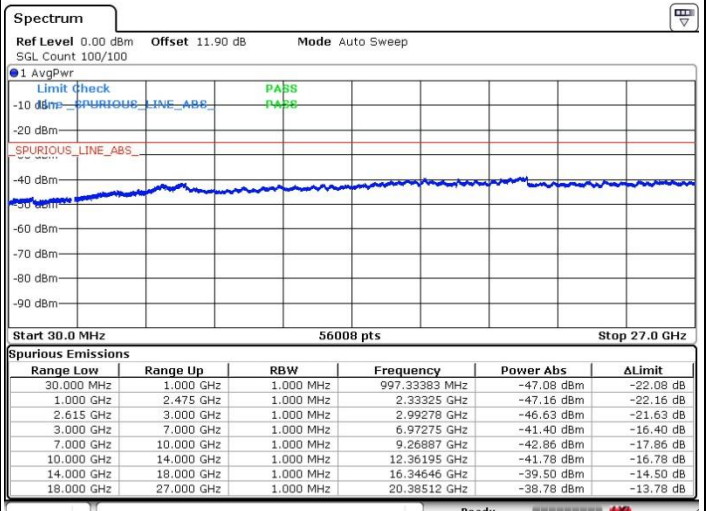
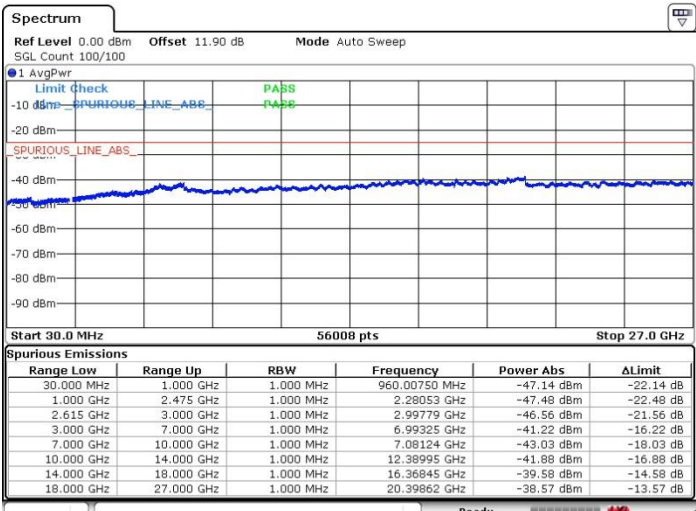


LTE Band 7 / 15MHz+20MHz

64QAM

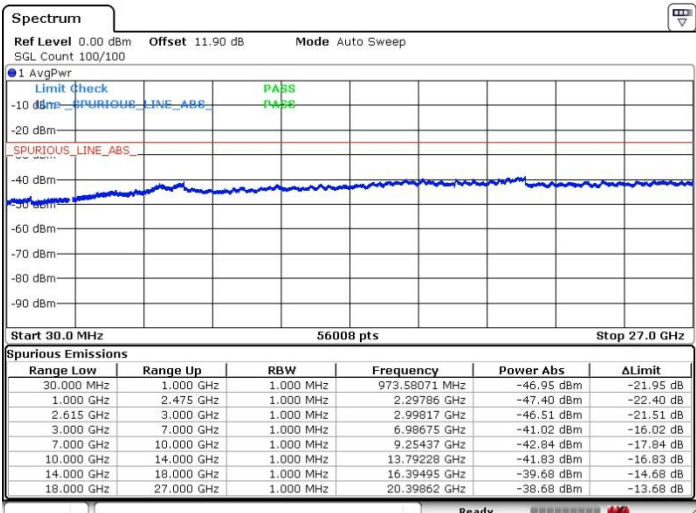
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Highest Channel / FullIRB

N/A



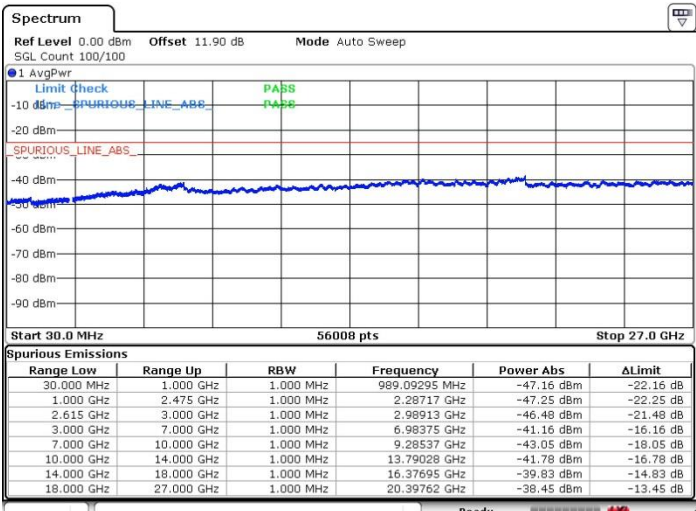


LTE Band 7 / 20MHz+10MHz

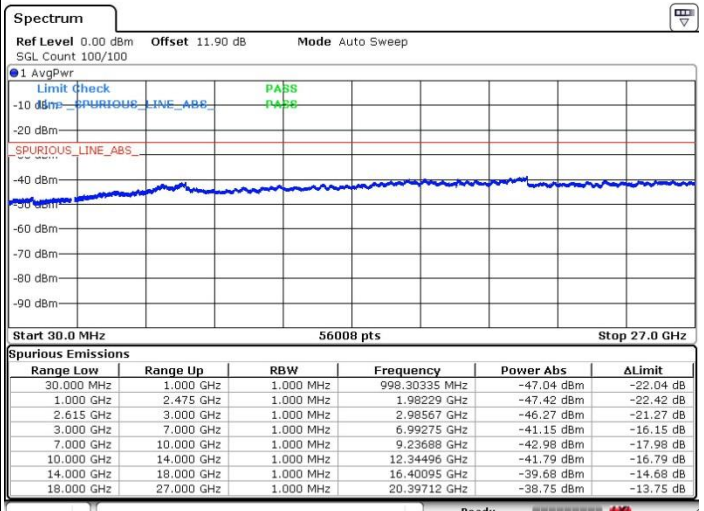
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



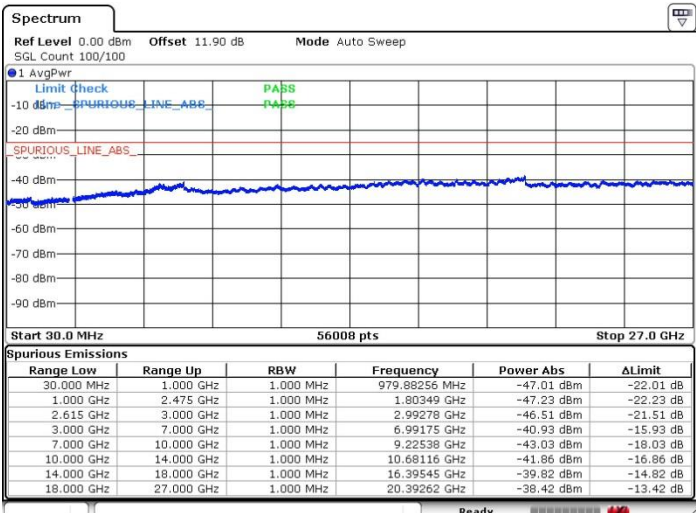
Date: 5.APR.2018 03:10:46



Date: 5.APR.2018 04:05:42

Lowest Channel / FullIRB

N/A



Date: 5.APR.2018 03:02:51

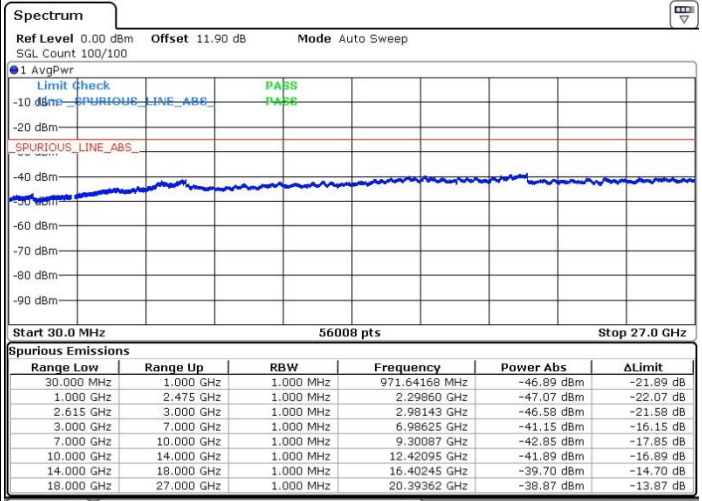
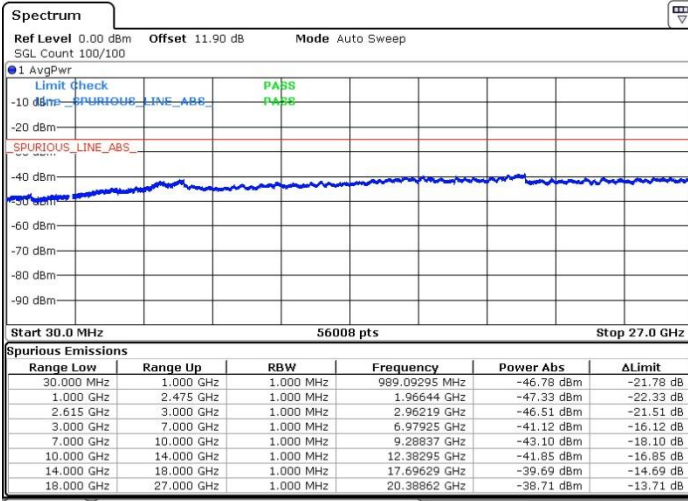


LTE Band 7 / 20MHz+10MHz

64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0

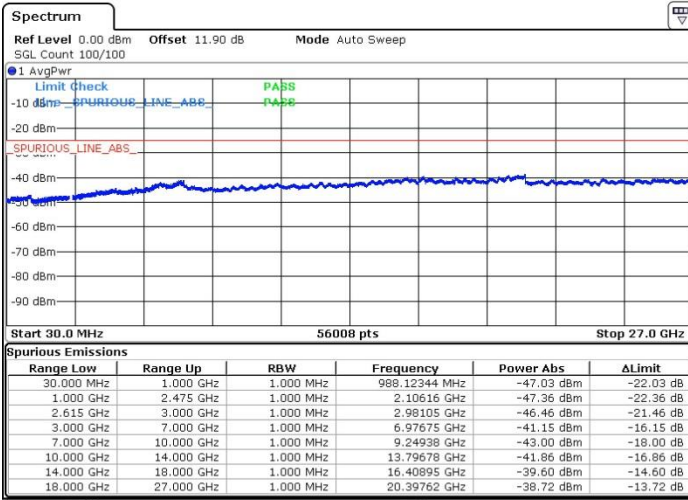


Date: 5.APR.2018 03:38:53

Date: 5.APR.2018 03:37:37

Middle Channel / FullIRB

N/A



Date: 5.APR.2018 04:14:28

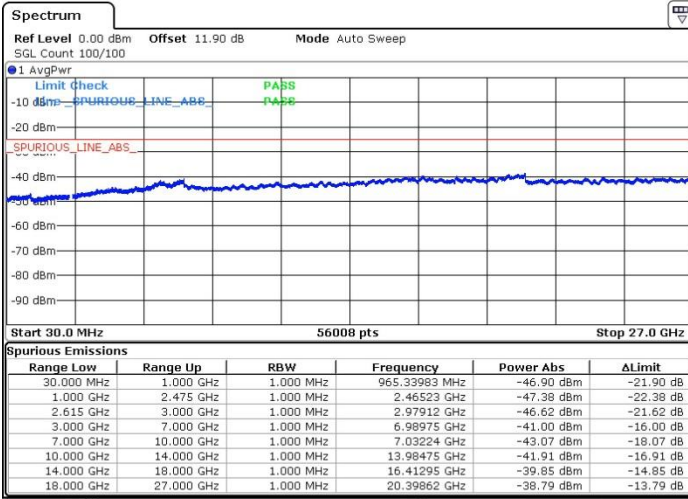


LTE Band 7 / 20MHz+10MHz

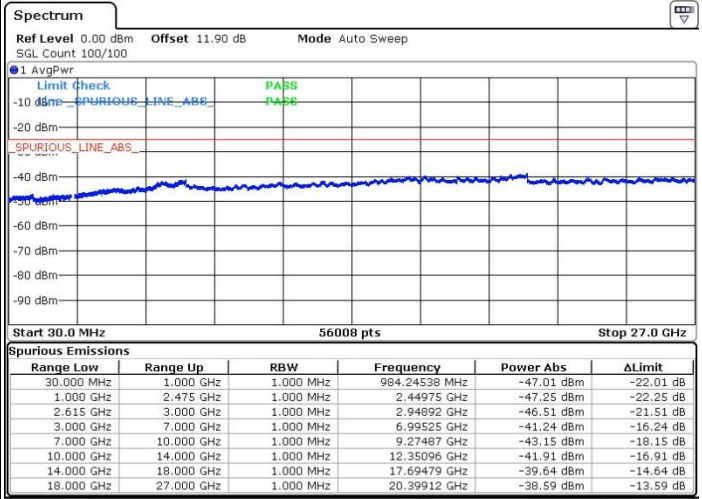
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



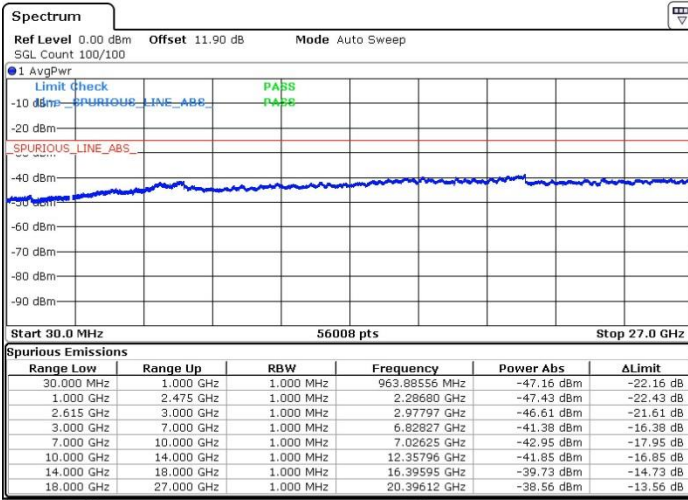
Date: 5.APR.2018 03:48:24



Date: 5.APR.2018 03:56:40

Highest Channel / FullIRB

N/A



Date: 5.APR.2018 04:00:53

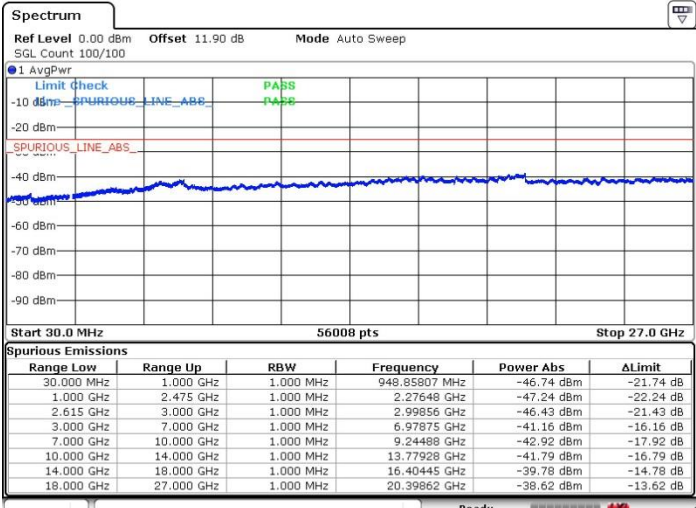


LTE Band 7 / 20MHz+15MHz

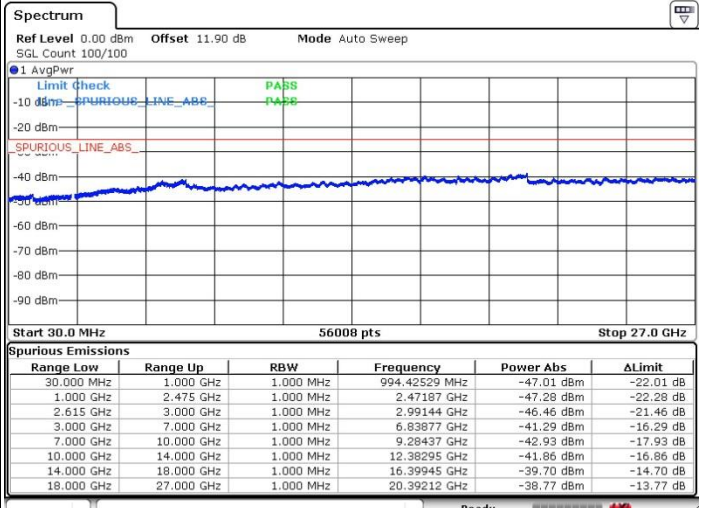
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



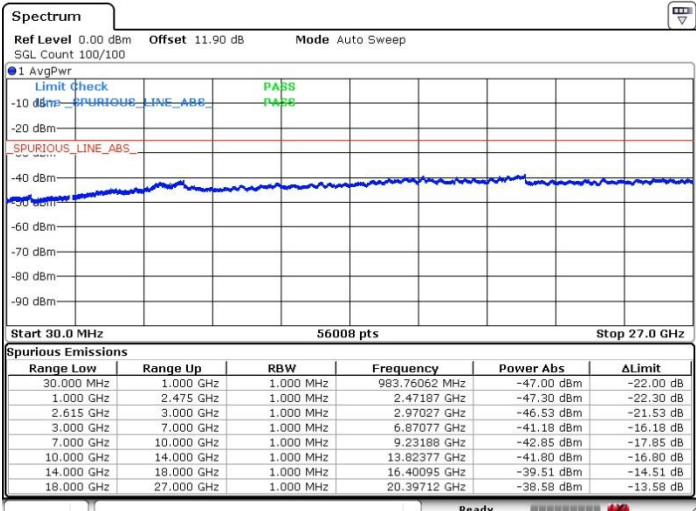
Date: 5.APR.2018 06:45:10



Date: 5.APR.2018 06:32:43

Lowest Channel / FullIRB

N/A



Date: 5.APR.2018 06:28:36

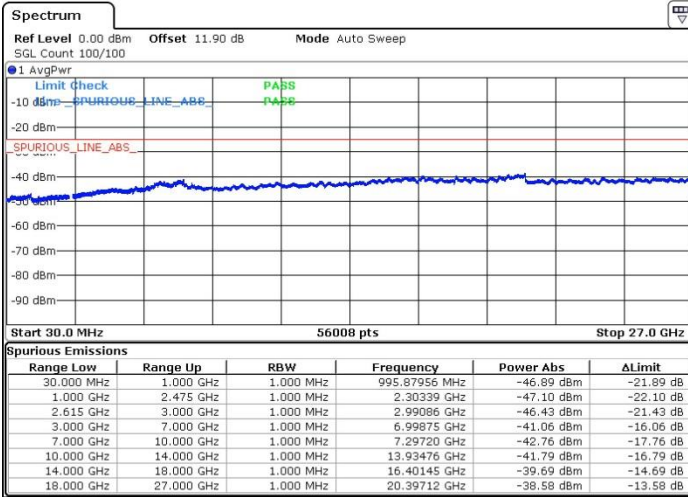


LTE Band 7 / 20MHz+15MHz

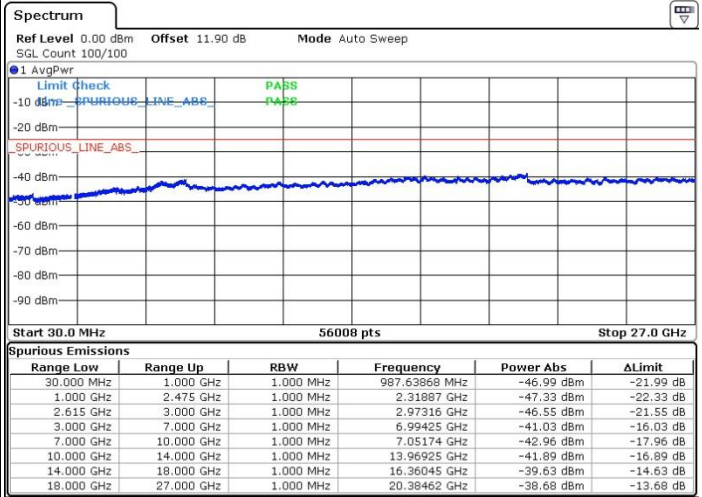
64QAM

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



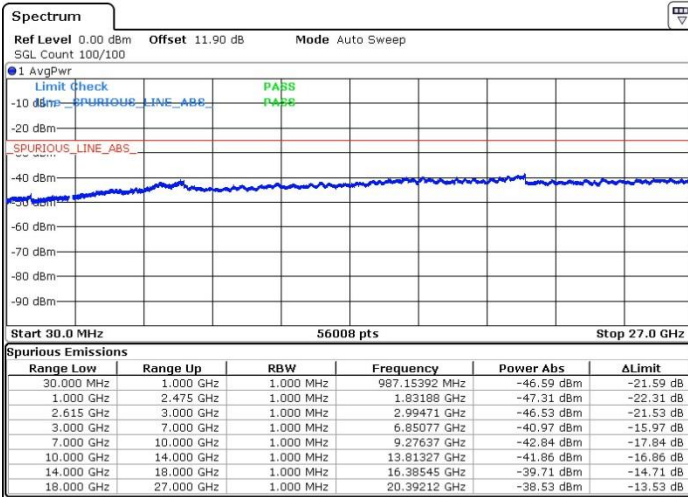
Date: 5.APR.2018 06:49:16



Date: 5.APR.2018 06:52:29

Middle Channel / FullIRB

N/A



Date: 5.APR.2018 06:55:25

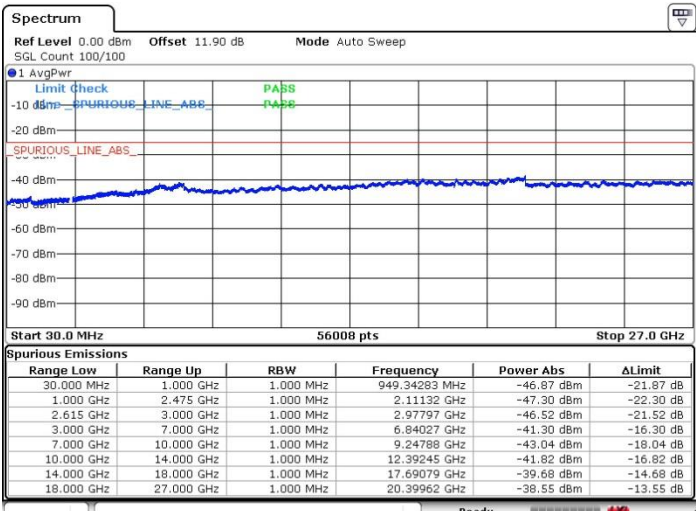


LTE Band 7 / 20MHz+15MHz

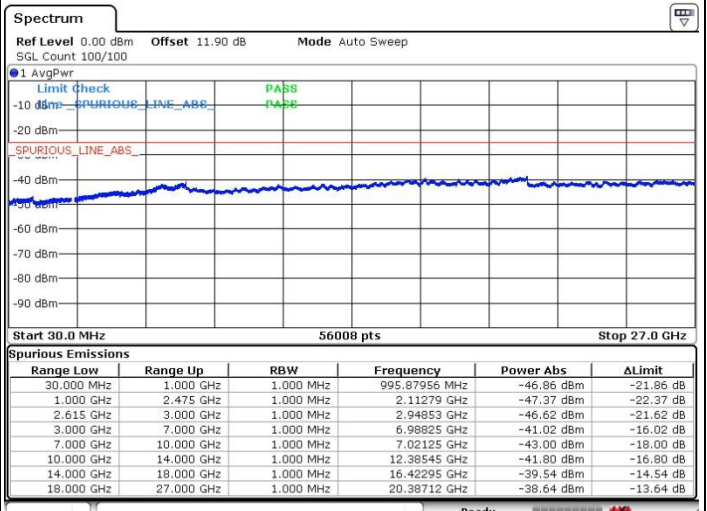
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



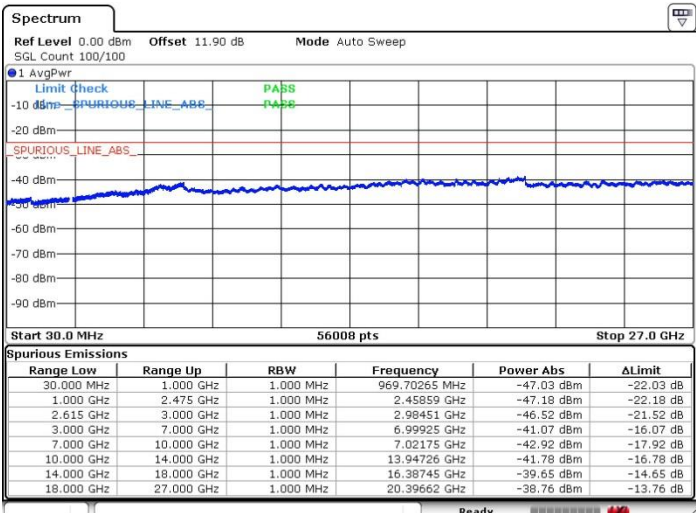
Date: 5.APR.2018 07:08:13



Date: 5.APR.2018 07:12:41

Highest Channel / FullIRB

N/A



Date: 5.APR.2018 06:59:17

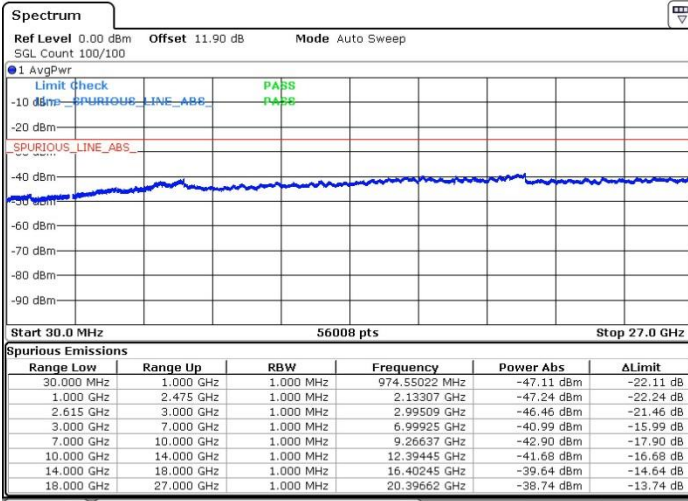


LTE Band 7 / 20MHz+20MHz

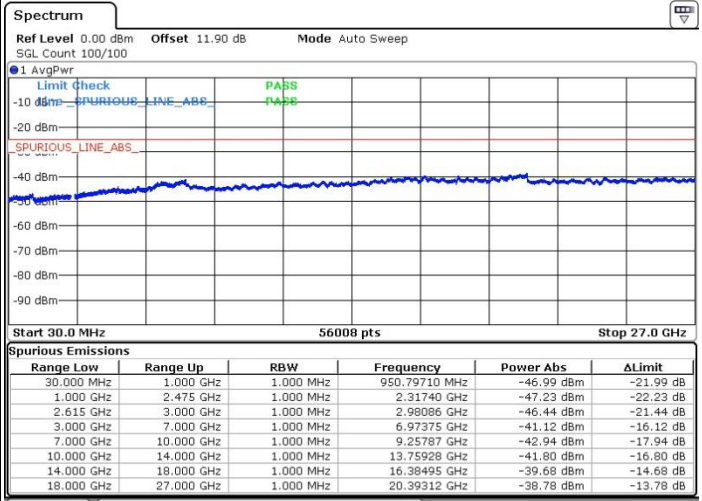
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



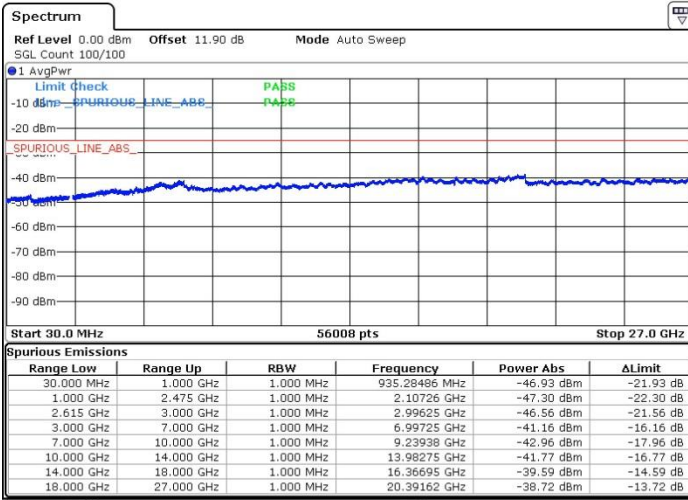
Date: 5.APR.2018 07:47:20



Date: 5.APR.2018 07:50:37

Lowest Channel / FullIRB

N/A



Date: 5.APR.2018 07:40:12

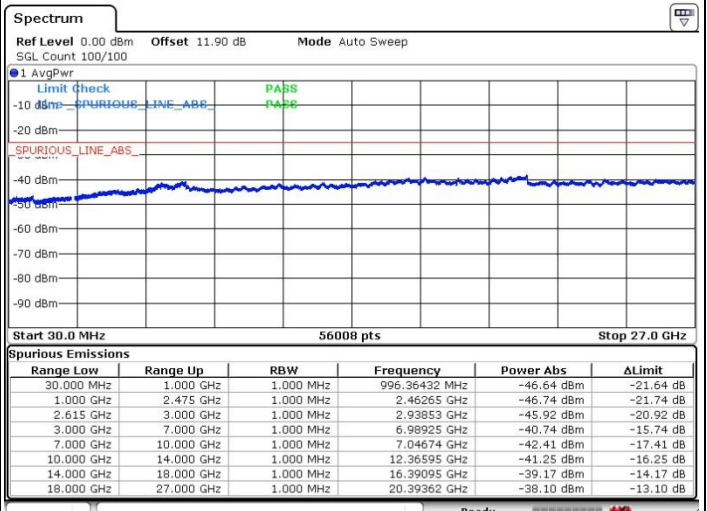
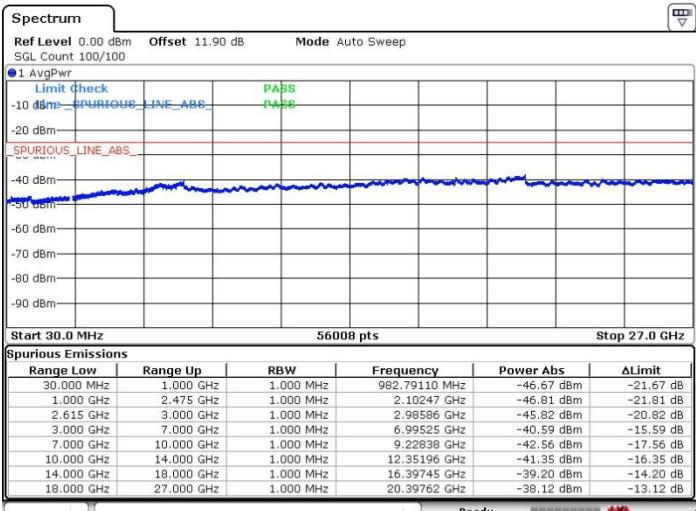


LTE Band 7 / 20MHz+20MHz

64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0

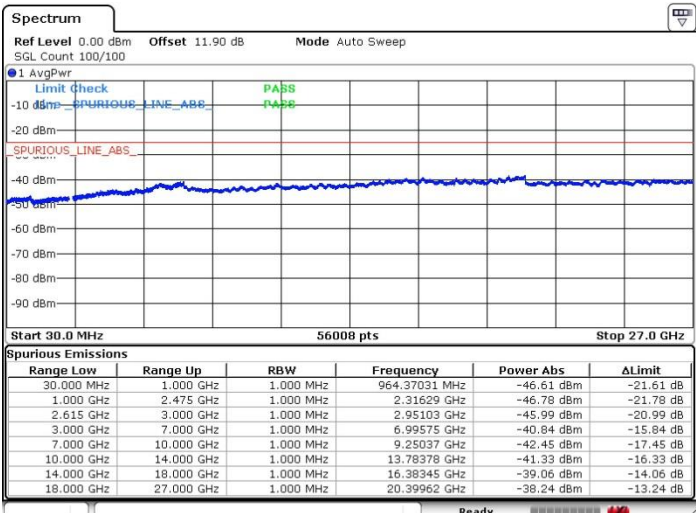


Date: 9.APR.2018 23:04:05

Date: 9.APR.2018 23:08:28

Middle Channel / FullIRB

N/A



Date: 9.APR.2018 23:12:33

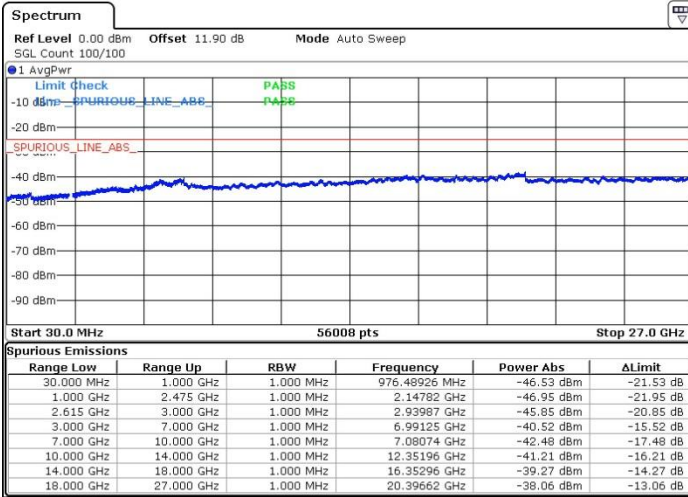


LTE Band 7 / 20MHz+20MHz

64QAM

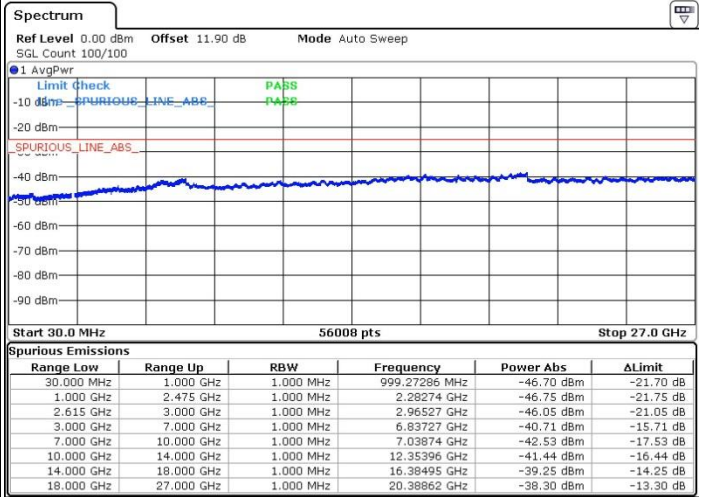
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48925 MHz	-46.53 dBm	-21.53 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.14782 GHz	-46.95 dBm	-21.95 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.93987 GHz	-45.85 dBm	-20.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-40.52 dBm	-15.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.08074 GHz	-42.48 dBm	-17.48 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.35196 GHz	-41.21 dBm	-16.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.35296 GHz	-39.27 dBm	-14.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.39662 GHz	-38.06 dBm	-13.06 dB

Date: 9.APR.2018 23:31:33

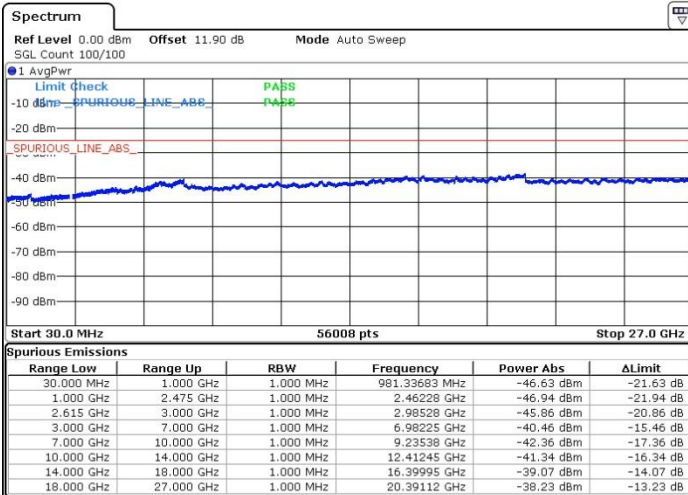


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27296 MHz	-46.70 dBm	-21.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.28274 GHz	-46.75 dBm	-21.75 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96527 GHz	-46.05 dBm	-21.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83727 GHz	-40.71 dBm	-15.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.03874 GHz	-42.53 dBm	-15.73 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.35396 GHz	-41.44 dBm	-16.44 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.38495 GHz	-39.25 dBm	-14.25 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.38862 GHz	-38.30 dBm	-13.30 dB

Date: 9.APR.2018 23:27:33

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-46.53 dBm	-21.63 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46228 GHz	-46.94 dBm	-21.94 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.98528 GHz	-45.86 dBm	-20.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98225 GHz	-40.46 dBm	-15.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.23538 GHz	-42.36 dBm	-17.36 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41245 GHz	-41.34 dBm	-16.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.39995 GHz	-39.07 dBm	-14.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.39112 GHz	-38.23 dBm	-13.23 dB

Date: 9.APR.2018 23:17:05



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	3.33	4.29	4.58	5.48	PASS
Middle CH	3.33	4.38	4.49	5.54	
Highest CH	3.3	4.46	4.35	5.59	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.62	6.12	-	-	PASS
Middle CH	5.71	6.23	-	-	
Highest CH	5.39	6.26	-	-	



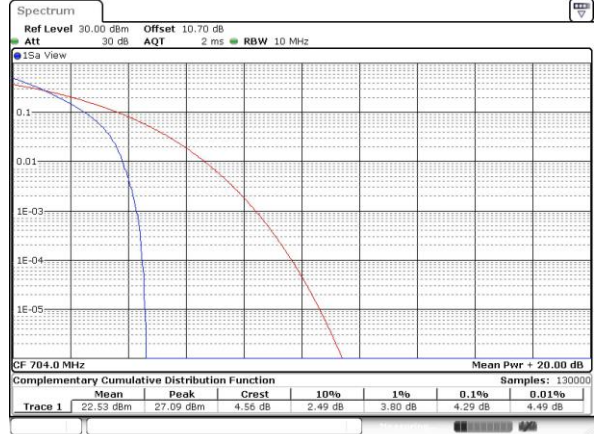
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



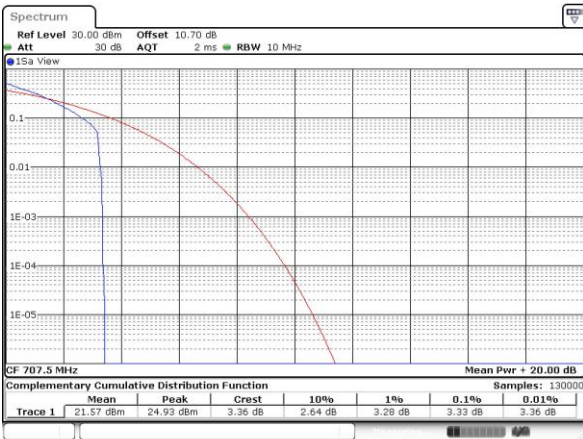
Date: 31 MAR 2018 03:57:59

Lowest Channel / Full RB



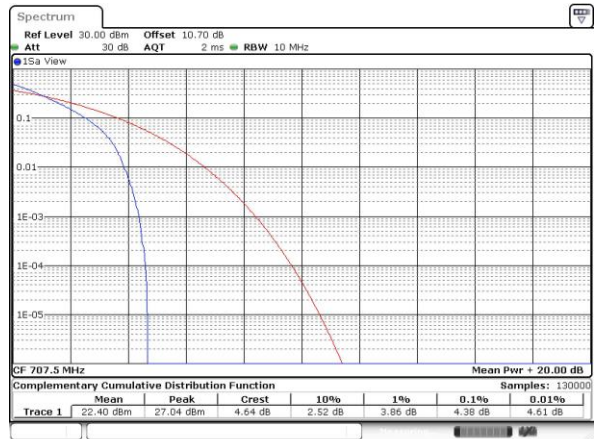
Date: 31 MAR 2018 03:57:48

Middle Channel / 1RB



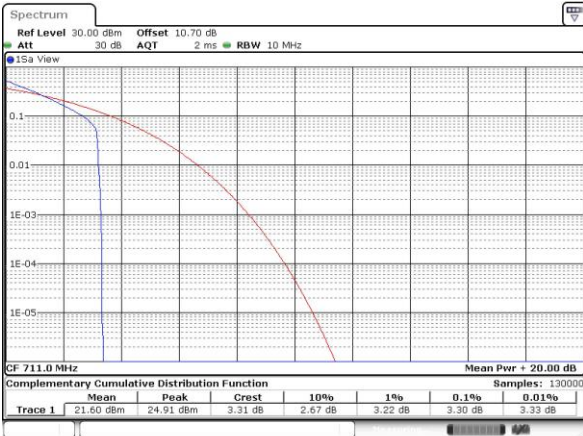
Date: 31 MAR 2018 03:58:10

Middle Channel / Full RB



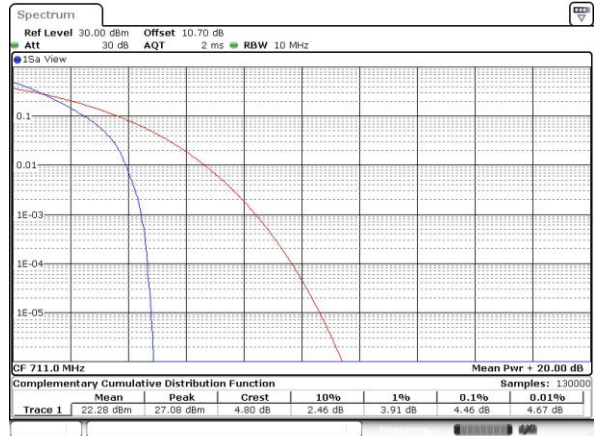
Date: 31 MAR 2018 03:58:21

Highest Channel / 1RB



Date: 31 MAR 2018 03:58:41

Highest Channel / Full RB

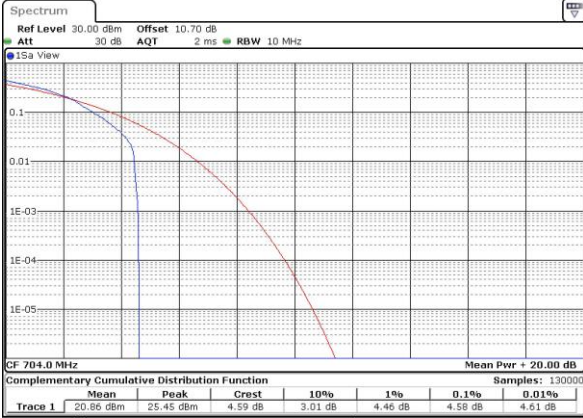


Date: 31 MAR 2018 03:58:30



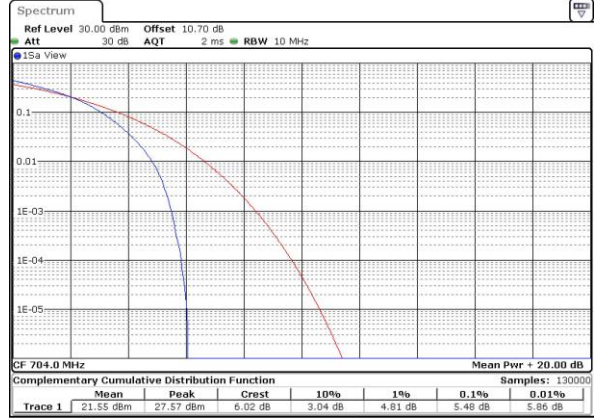
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



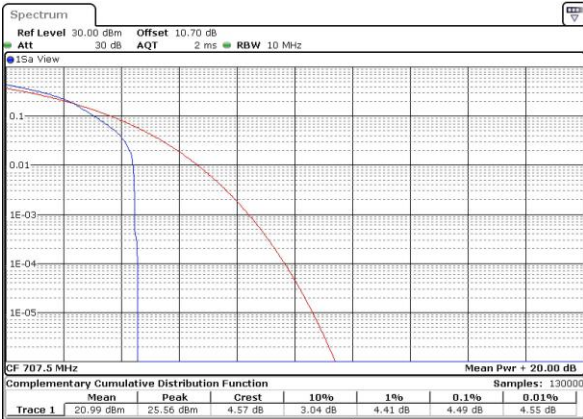
Date: 31 MAR 2018 03:56:59

Lowest Channel / Full RB



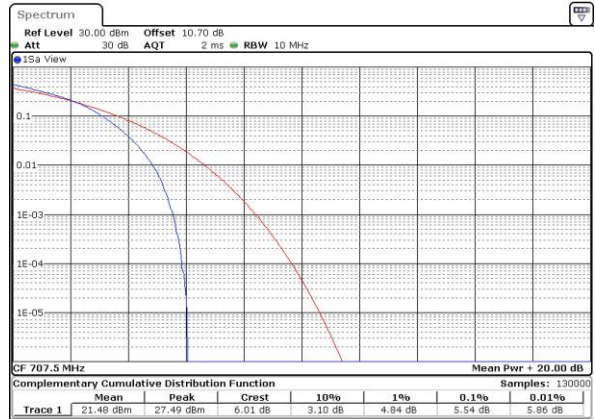
Date: 31 MAR 2018 03:56:50

Middle Channel / 1RB



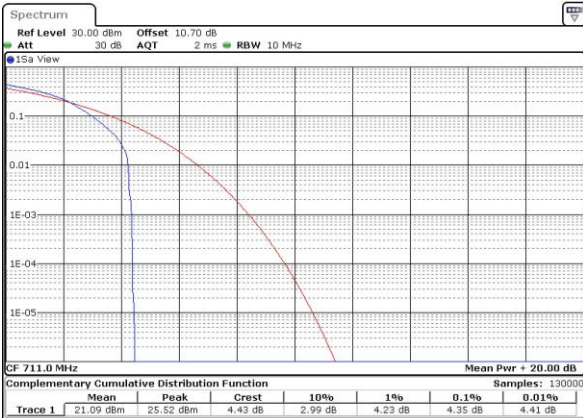
Date: 31 MAR 2018 03:57:08

Middle Channel / Full RB



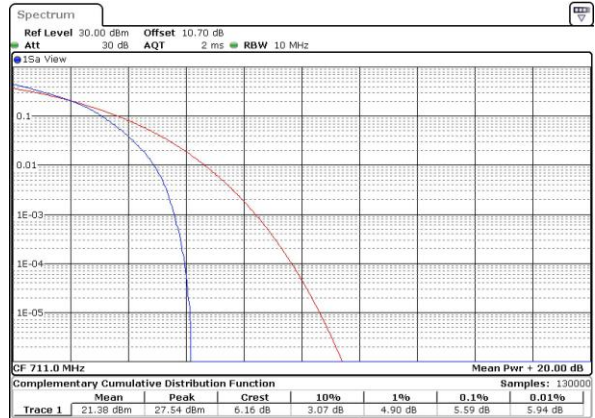
Date: 31 MAR 2018 03:57:18

Highest Channel / 1RB



Date: 31 MAR 2018 03:57:37

Highest Channel / Full RB

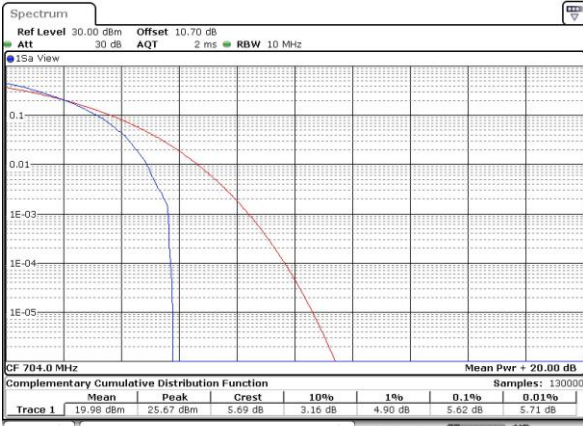


Date: 31 MAR 2018 03:57:28



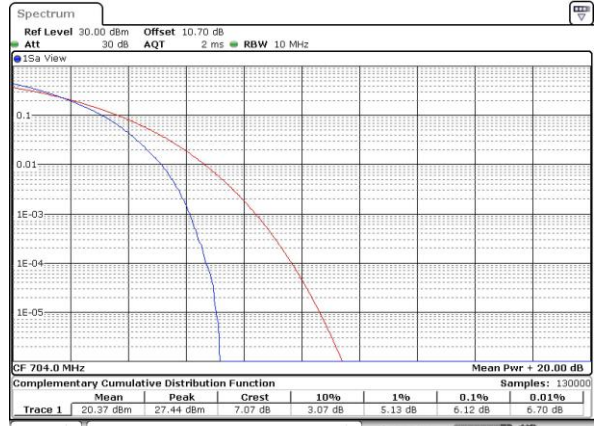
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB



Date: 31 MAR 2018 05:11:36

Lowest Channel / Full RB



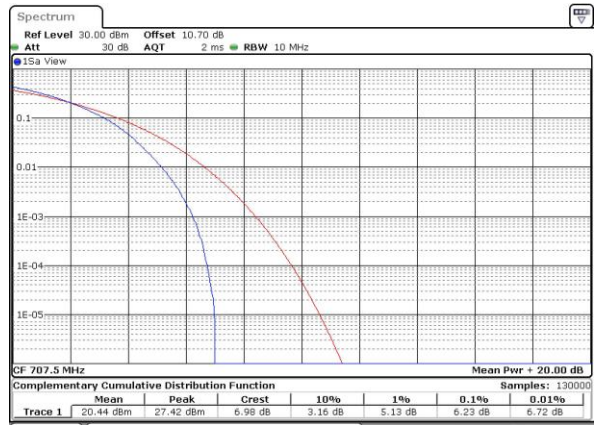
Date: 31 MAR 2018 05:11:26

Middle Channel / 1RB



Date: 31 MAR 2018 05:11:46

Middle Channel / Full RB



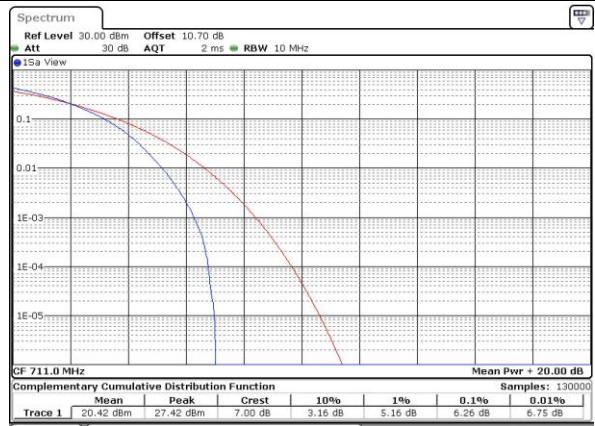
Date: 31 MAR 2018 05:11:57

Highest Channel / 1RB



Date: 31 MAR 2018 05:12:18

Highest Channel / Full RB



Date: 31 MAR 2018 05:12:07



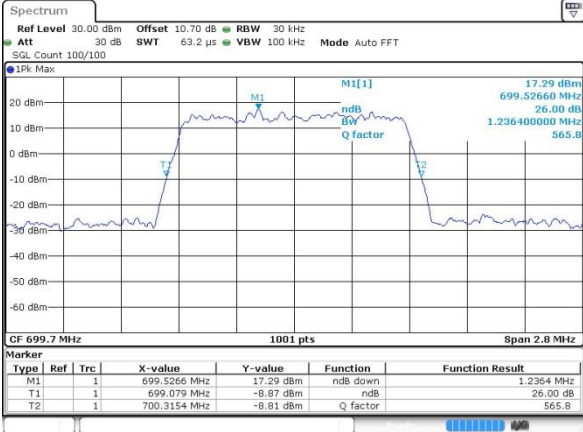
26dB Bandwidth

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	1.24	1.23	3.03	3.05	4.94	4.88	9.71	9.87	-	-	-	-
Middle CH	1.25	1.22	3.02	3.03	4.94	4.88	9.89	9.73	-	-	-	-
Highest CH	1.22	1.24	2.94	3.00	4.99	4.89	9.79	9.71	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.02	-	4.92	-	9.63	-	-	-	-	-
Middle CH	1.23	-	3.02	-	4.93	-	9.97	-	-	-	-	-
Highest CH	1.22	-	2.99	-	4.93	-	9.83	-	-	-	-	-



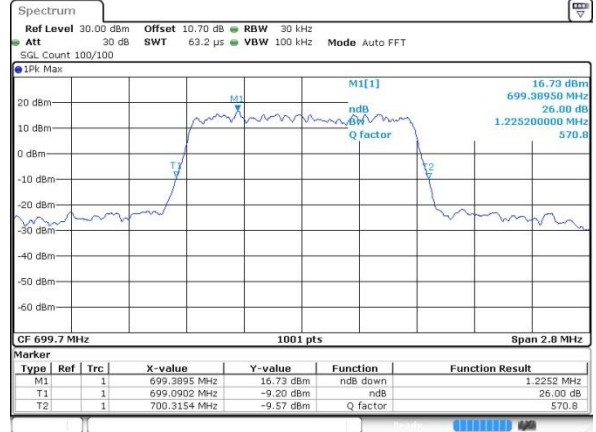
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



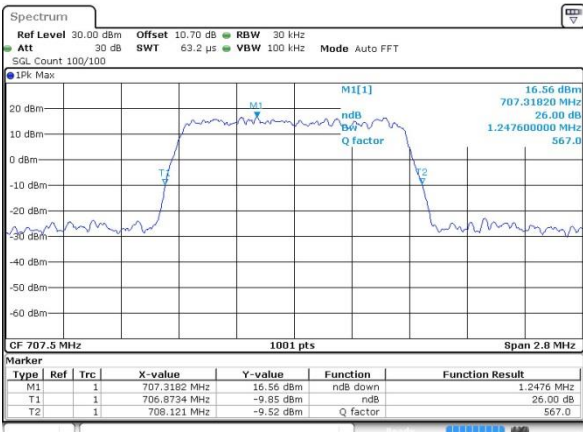
Date: 31 MAR 2018 03:40:48

Lowest Channel / 1.4MHz / 16QAM



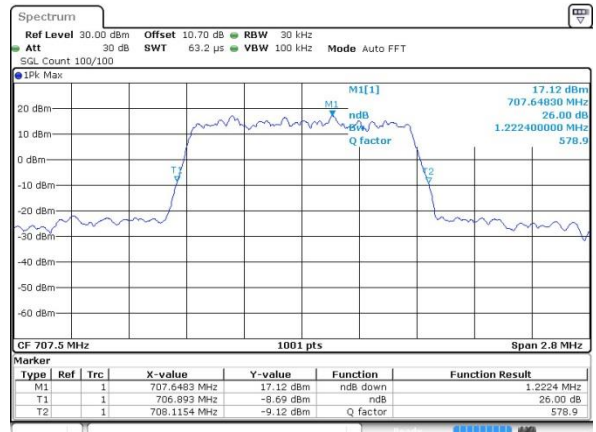
Date: 31 MAR 2018 03:33:33

Middle Channel / 1.4MHz / QPSK



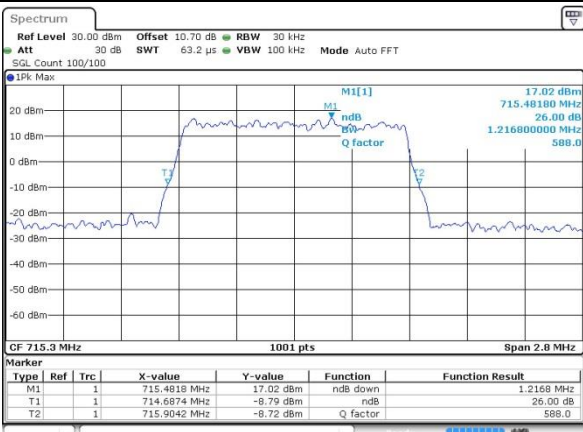
Date: 31 MAR 2018 03:47:40

Middle Channel / 1.4MHz / 16QAM



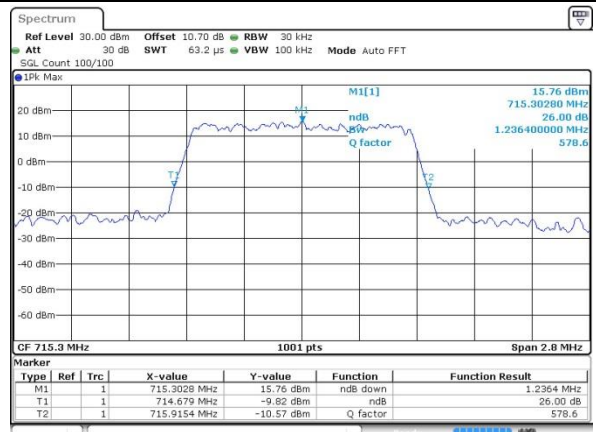
Date: 31 MAR 2018 03:47:50

Highest Channel / 1.4MHz / QPSK



Date: 31 MAR 2018 03:50:20

Highest Channel / 1.4MHz / 16QAM

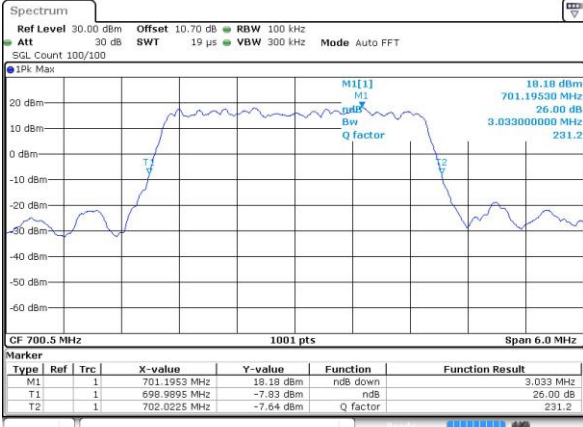


Date: 31 MAR 2018 03:50:10



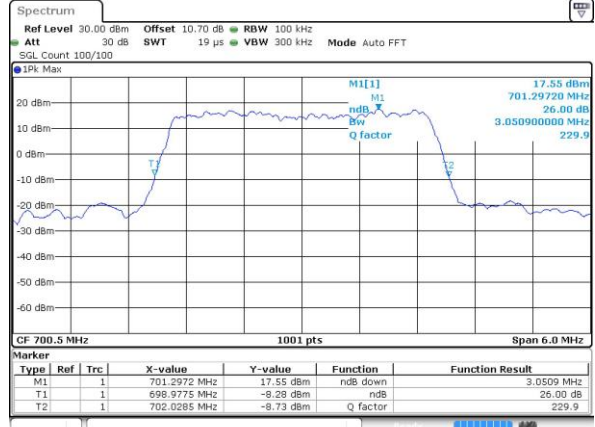
LTE Band 12

Lowest Channel / 3MHz / QPSK



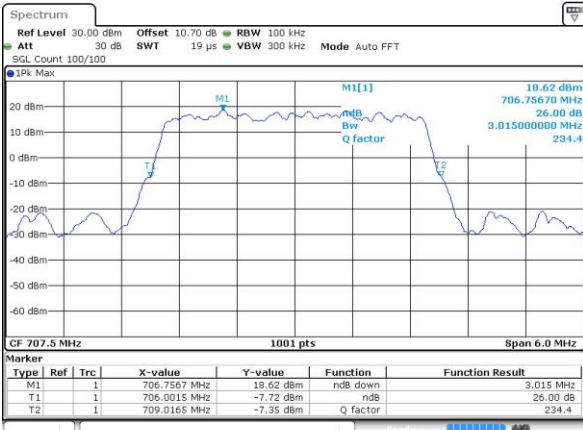
Date: 31 MAR 2018 02:43:58

Lowest Channel / 3MHz / 16QAM



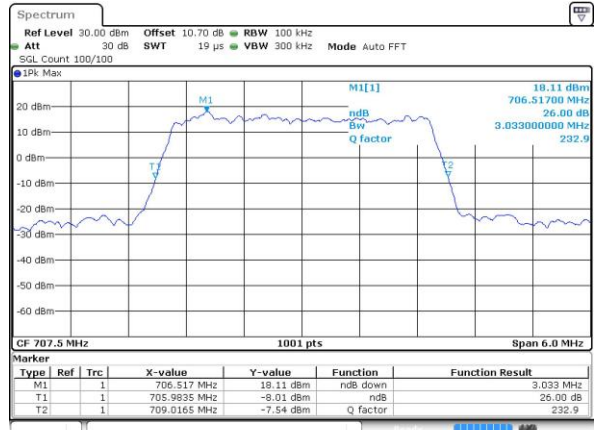
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Middle Channel / 3MHz / QPSK



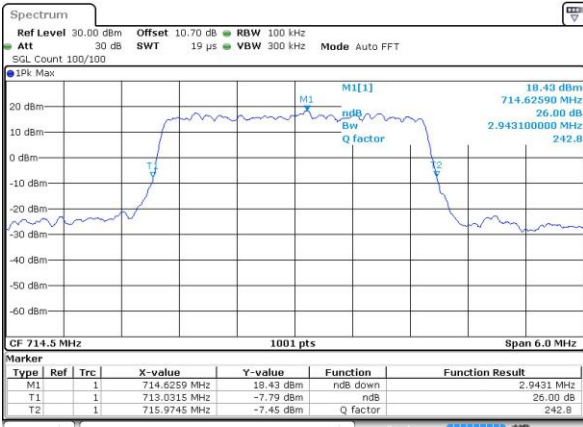
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Middle Channel / 3MHz / 16QAM



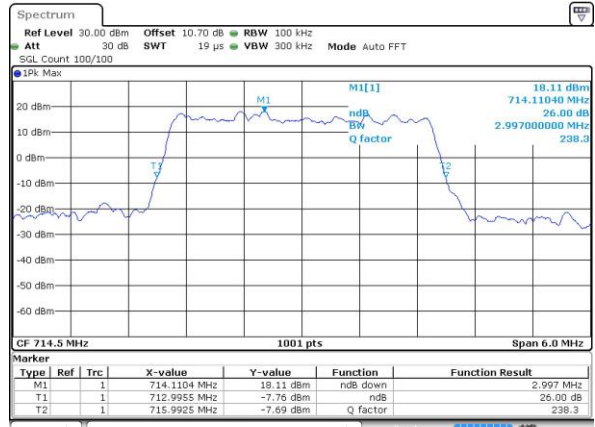
Date: 31 MAR 2018 02:51:04

Highest Channel / 3MHz / QPSK



Date: 31 MAR 2018 02:53:34

Highest Channel / 3MHz / 16QAM



Date: 31 MAR 2018 02:53:24