



LTE Band 4

Conducted Output Power(Average power)

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.33	23.42	23.20
1.4	1	2		23.41	23.56	23.31
1.4	1	5		23.41	23.44	23.15
1.4	3	0		23.57	23.52	23.23
1.4	3	1		23.56	23.49	23.34
1.4	3	2		23.49	23.54	23.35
1.4	6	0		22.54	22.58	22.41
1.4	1	0	16-QAM	22.41	22.62	22.24
1.4	1	2		22.87	22.78	22.57
1.4	1	5		22.81	22.76	22.72
1.4	3	0		22.38	22.72	22.31
1.4	3	1		22.45	22.69	22.36
1.4	3	2		22.62	22.71	22.45
1.4	6	0		21.60	21.32	21.39
3	1	0	QPSK	23.47	23.49	23.39
3	1	7		23.53	23.33	23.20
3	1	14		23.56	23.73	23.40
3	8	0		22.48	22.53	22.37
3	8	4		22.48	22.49	22.24
3	8	7		22.48	22.56	22.35
3	15	0		22.48	22.49	22.45
3	1	0	16-QAM	22.74	22.46	22.53
3	1	7		22.49	22.55	22.78
3	1	14		22.65	22.79	22.30
3	8	0		21.46	21.32	21.57
3	8	4		21.36	21.41	21.52
3	8	7		21.33	21.55	21.54
3	15	0		21.29	21.48	21.54



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.46	23.51	23.41
5	1	12		23.70	23.40	23.29
5	1	24		23.34	23.64	23.03
5	12	0		22.41	22.43	22.33
5	12	6		22.42	22.49	22.35
5	12	11		22.45	22.49	22.34
5	25	0		22.45	22.50	22.32
5	1	0	16-QAM	22.55	22.62	22.67
5	1	12		22.58	22.53	22.64
5	1	24		22.55	22.71	22.59
5	12	0		21.52	21.46	21.24
5	12	6		21.41	21.36	21.27
5	12	11		21.43	21.40	21.33
5	25	0		21.42	21.38	21.26
10	1	0	QPSK	23.59	23.48	23.51
10	1	24		23.60	23.33	23.28
10	1	49		23.21	23.53	23.20
10	25	0		22.53	22.59	22.51
10	25	12		22.47	22.51	22.30
10	25	24		22.31	22.56	22.29
10	50	0		22.43	22.53	22.36
10	1	0	16-QAM	22.58	22.79	22.61
10	1	24		22.60	22.38	22.82
10	1	49		22.58	22.69	22.43
10	25	0		21.59	21.50	21.35
10	25	12		21.39	21.55	21.25
10	25	24		21.34	21.58	21.29
10	50	0		21.58	21.53	21.29



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.71	23.56	23.52
15	1	37		23.36	23.44	23.37
15	1	74		23.19	23.49	23.17
15	36	0		22.48	22.51	22.59
15	36	18		22.47	22.49	22.47
15	36	37		22.29	22.56	22.27
15	75	0		22.40	22.53	22.46
15	1	0	16-QAM	22.72	22.86	22.77
15	1	37		22.63	22.42	22.91
15	1	74		22.64	22.77	22.81
15	36	0		21.43	21.50	21.44
15	36	18		21.48	21.49	21.45
15	36	37		21.24	21.62	21.34
15	75	0		21.39	21.47	21.43
20	1	0	QPSK	23.82	23.67	23.69
20	1	49		23.36	23.49	23.59
20	1	99		23.47	23.40	23.21
20	50	0		22.54	22.46	22.53
20	50	24		22.30	22.42	22.46
20	50	49		22.28	22.43	22.28
20	100	0		22.52	22.51	22.46
20	1	0	16-QAM	22.77	22.85	22.92
20	1	49		22.69	22.75	22.87
20	1	99		22.68	22.55	22.60
20	50	0		21.47	21.50	21.62
20	50	24		21.15	21.44	21.42
20	50	49		21.12	21.43	21.15
20	100	0		21.37	21.48	21.33

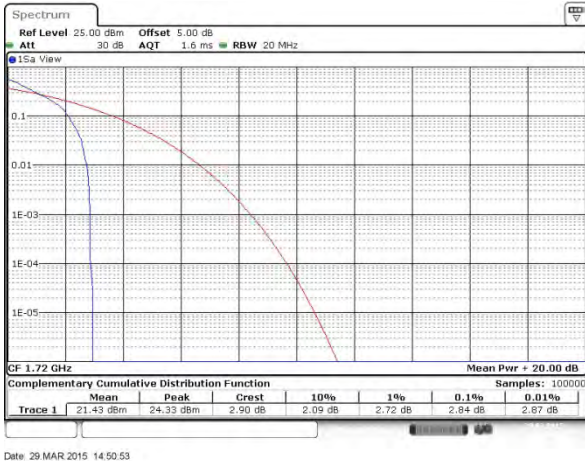
**Peak-to-Average Ratio**

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	2.84	4.55	3.68	5.45	PASS
Middle CH	3.65	4.32	4.58	5.39	
Highest CH	3.22	4.32	3.77	5.33	

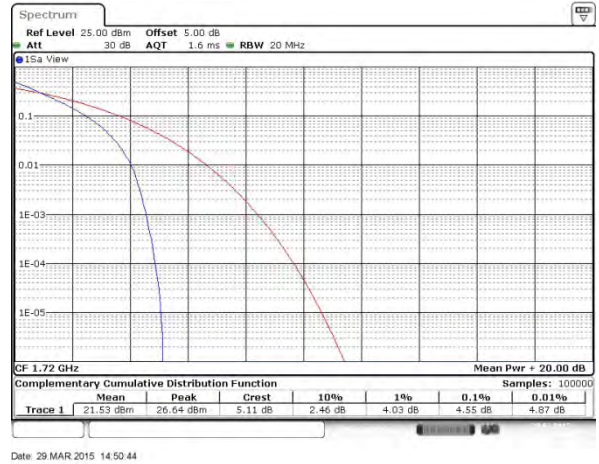


LTE Band 4 / 20MHz / QPSK

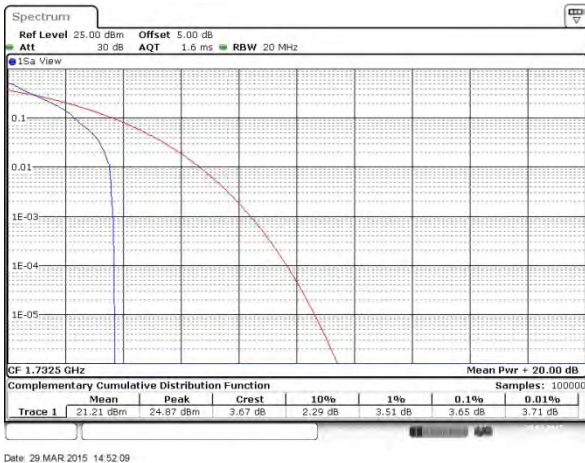
Lowest Channel / 1RB



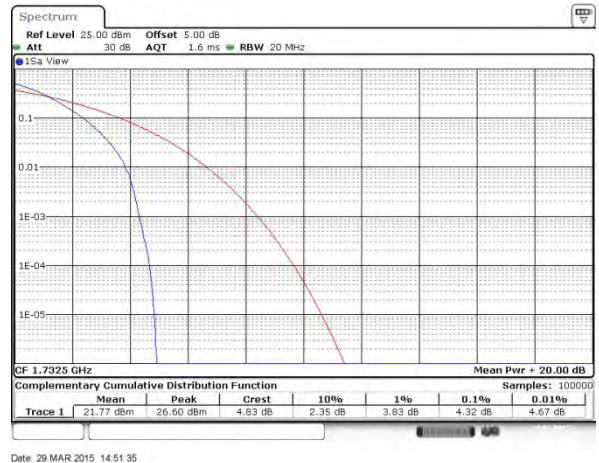
Lowest Channel / Full RB



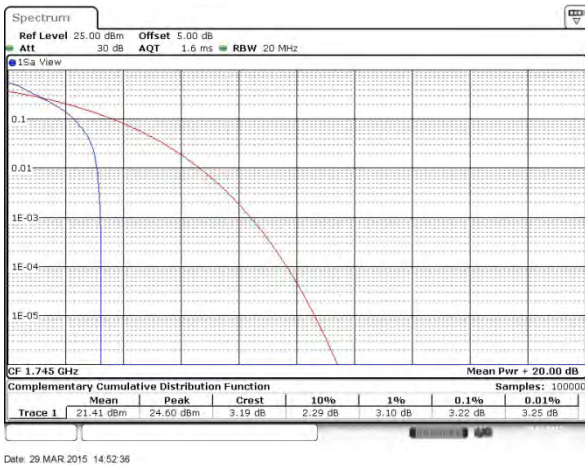
Middle Channel / 1RB



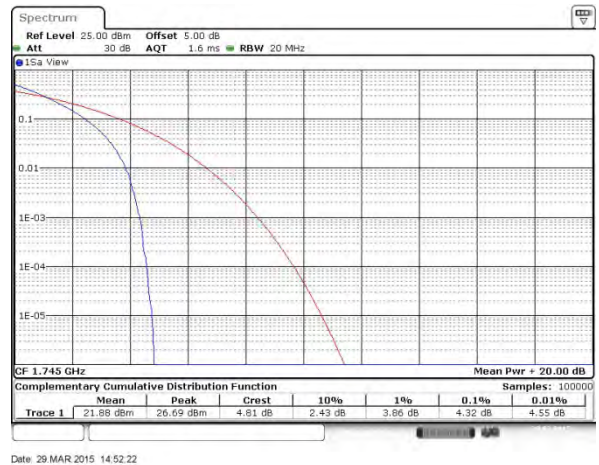
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



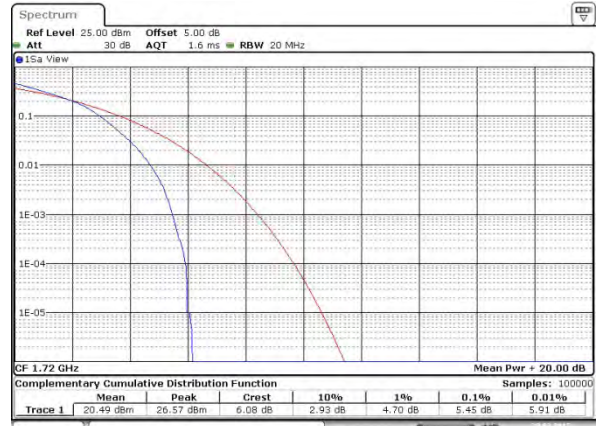


LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



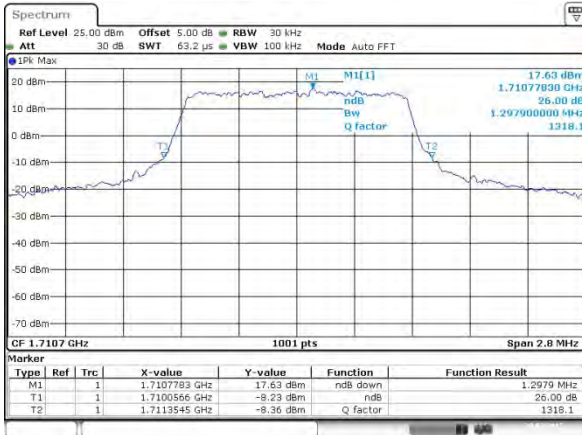
**26dB Bandwidth**

Mode	LTE Band 4 : 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	1.3	1.32	3.06	3.06	5.05	5.05	10.13	9.99	14.62	14.71	20.5	20.46
Middle CH	1.29	1.31	3.05	3.07	5.05	5.04	10.15	9.83	14.6	14.78	20.38	20.3
Highest CH	1.29	1.31	3.05	3.06	5.07	5.05	10.13	10.07	14.71	14.78	20.26	20.26

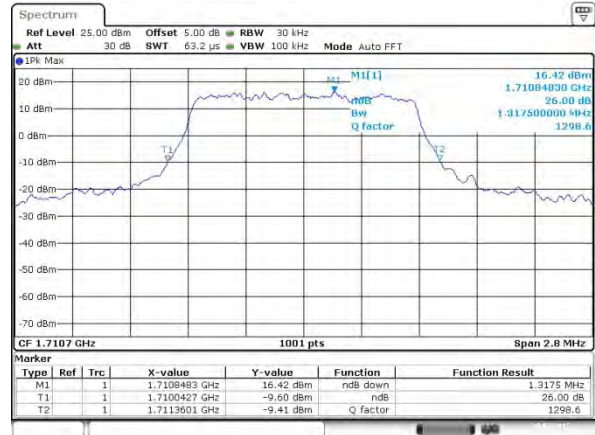


LTE Band 4

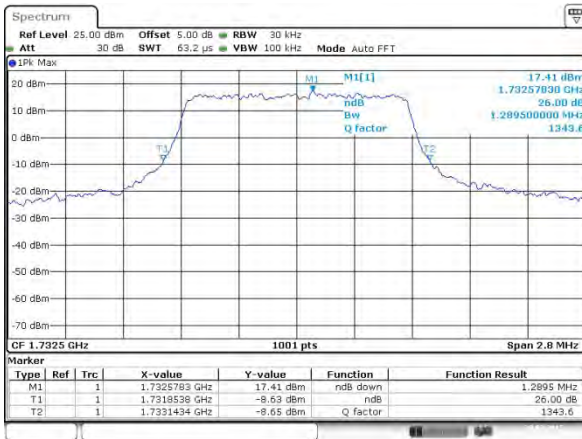
Lowest Channel / 1.4MHz / QPSK



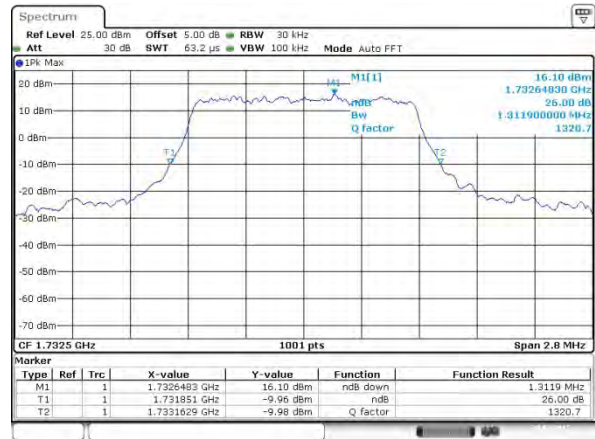
Lowest Channel / 1.4MHz / 16QAM



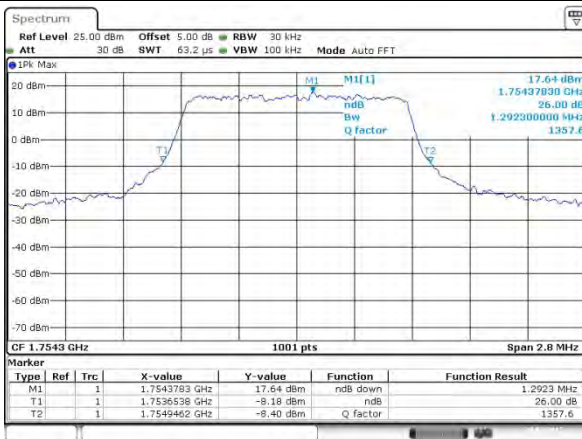
Middle Channel / 1.4MHz / QPSK



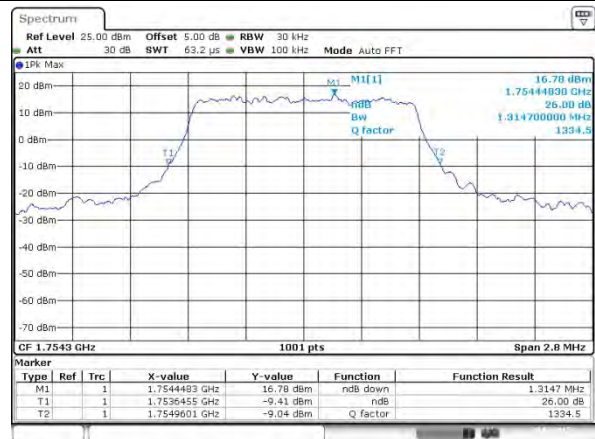
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



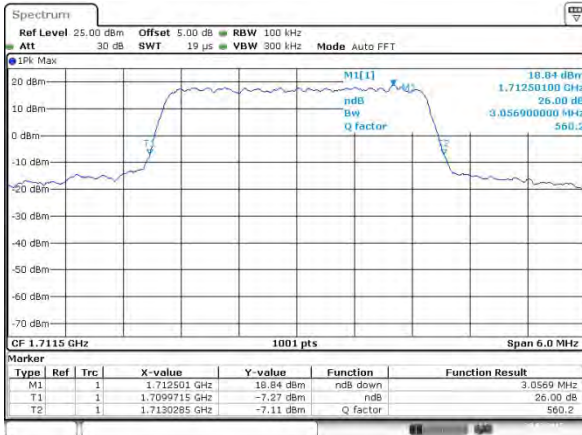
Highest Channel / 1.4MHz / 16QAM



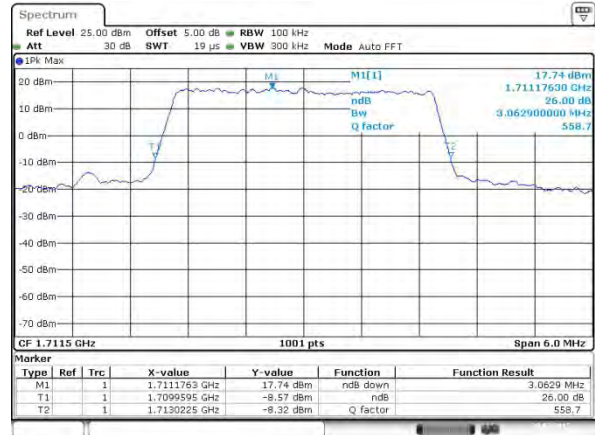


LTE Band 4

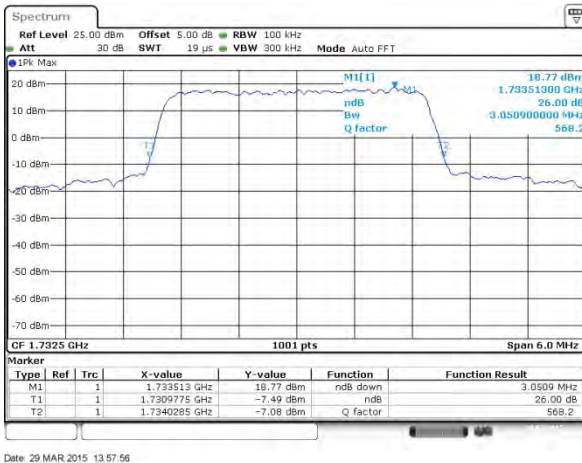
Lowest Channel / 3MHz / QPSK



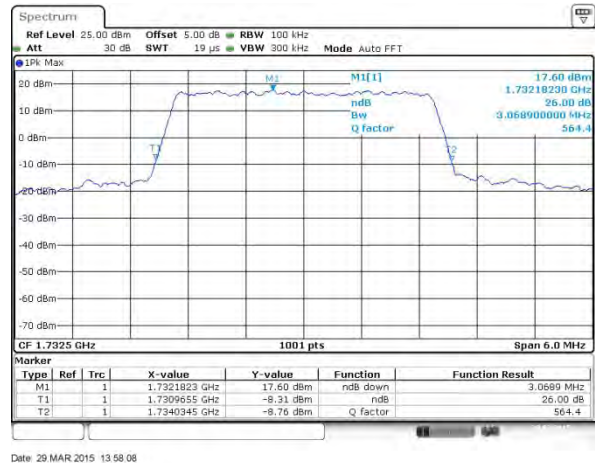
Lowest Channel / 3MHz / 16QAM



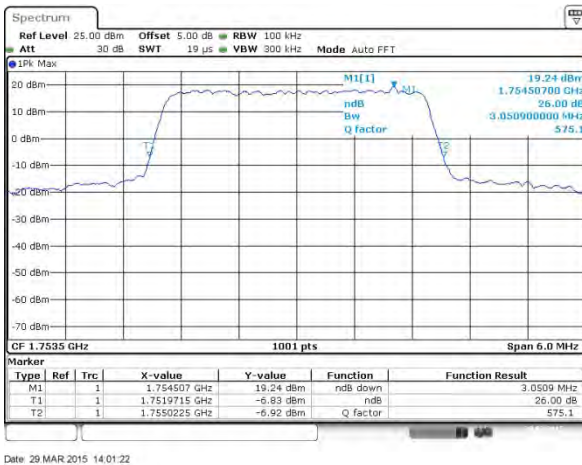
Middle Channel / 3MHz / QPSK



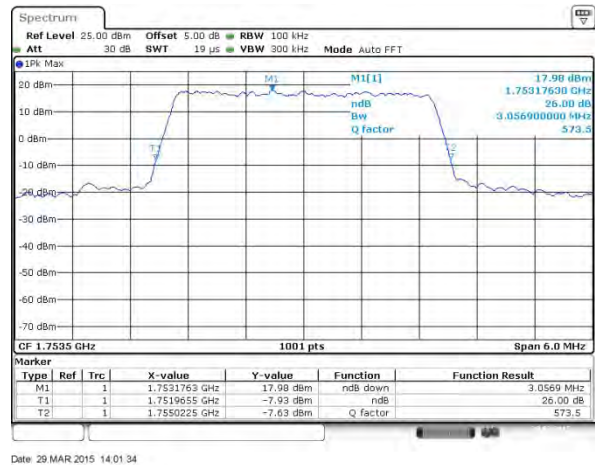
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



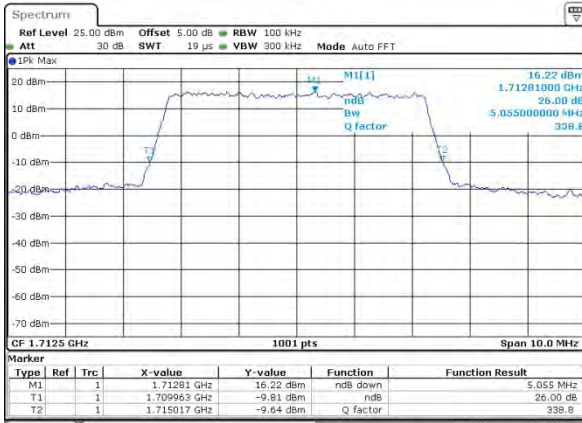
Highest Channel / 3MHz / 16QAM



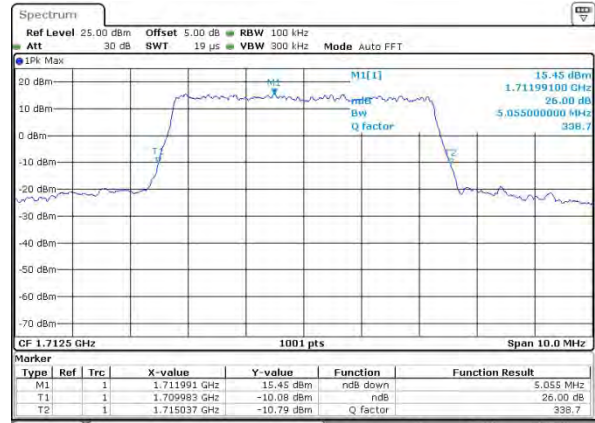


LTE Band 4

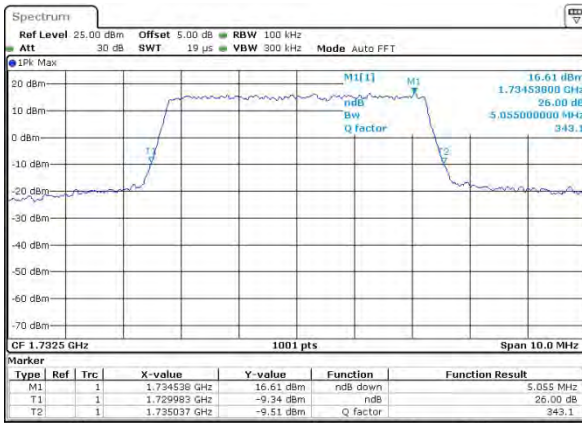
Lowest Channel / 5MHz / QPSK



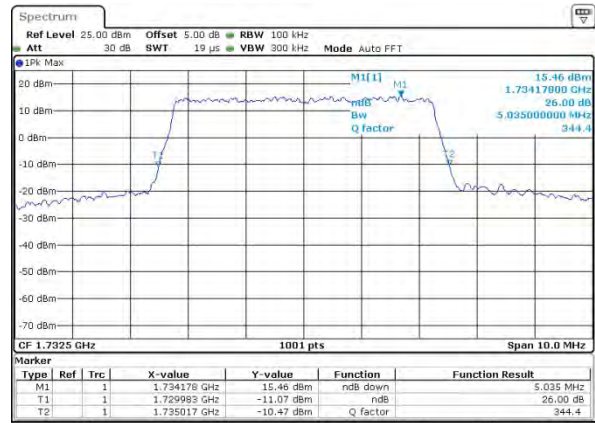
Lowest Channel / 5MHz / 16QAM



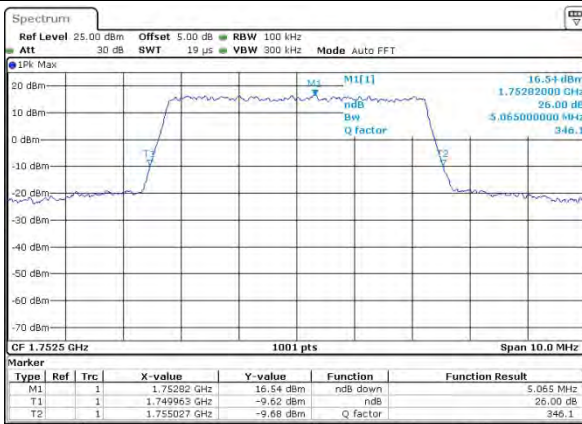
Middle Channel / 5MHz / QPSK



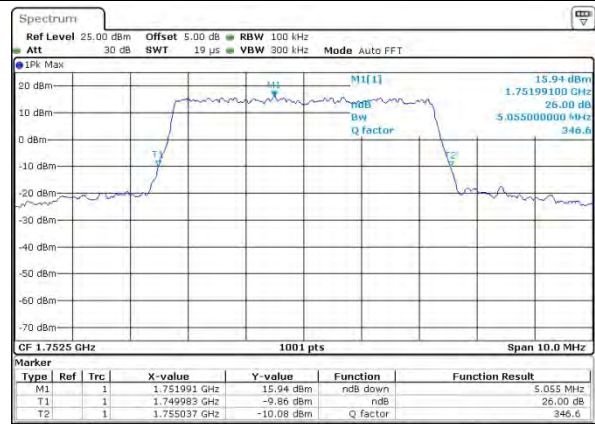
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



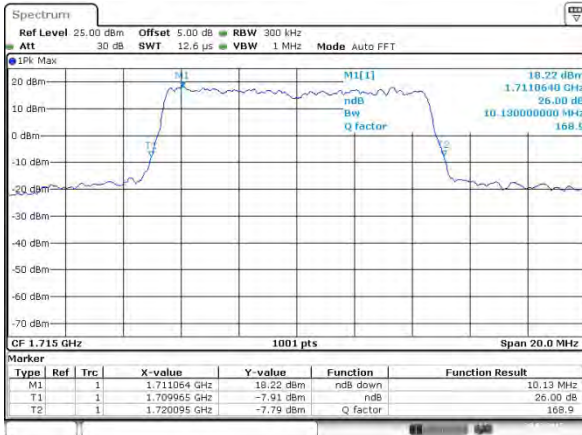
Highest Channel / 5MHz / 16QAM



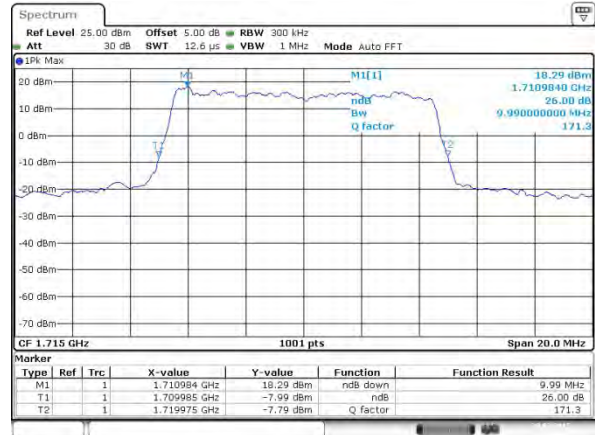


LTE Band 4

Lowest Channel / 10MHz / QPSK



Lowest Channel / 10MHz / 16QAM



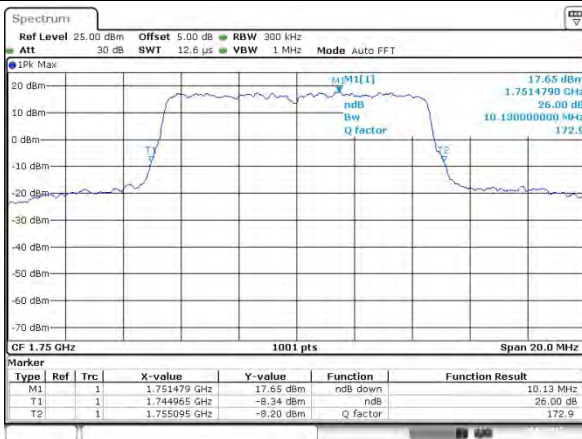
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



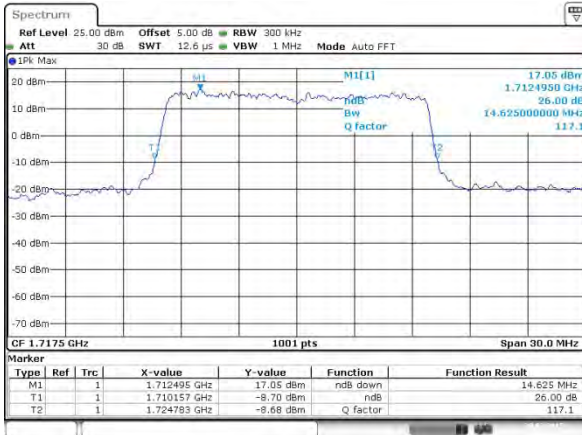
Highest Channel / 10MHz / 16QAM



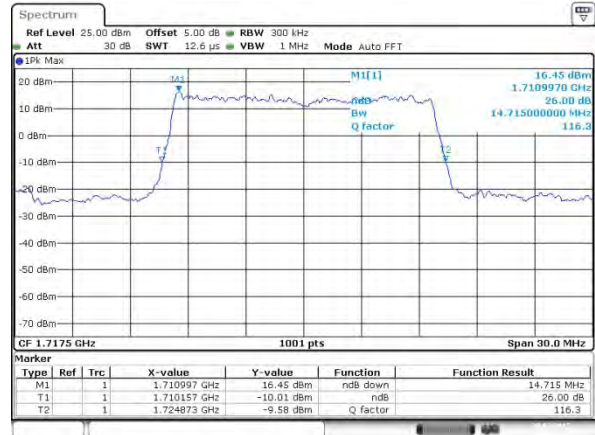


LTE Band 4

Lowest Channel / 15MHz / QPSK



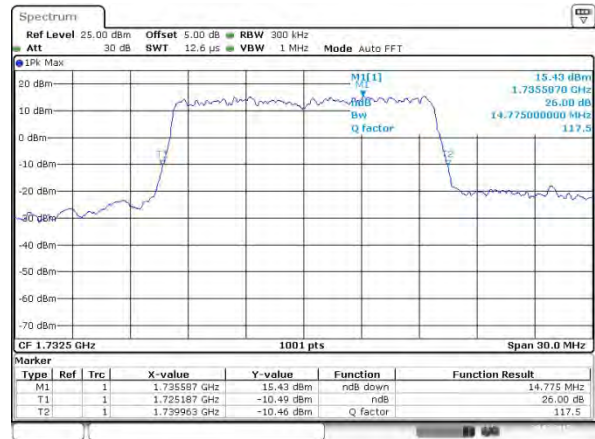
Lowest Channel / 15MHz / 16QAM



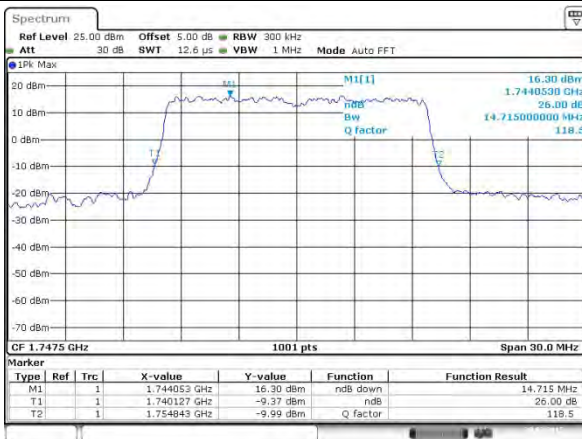
Middle Channel / 15MHz / QPSK



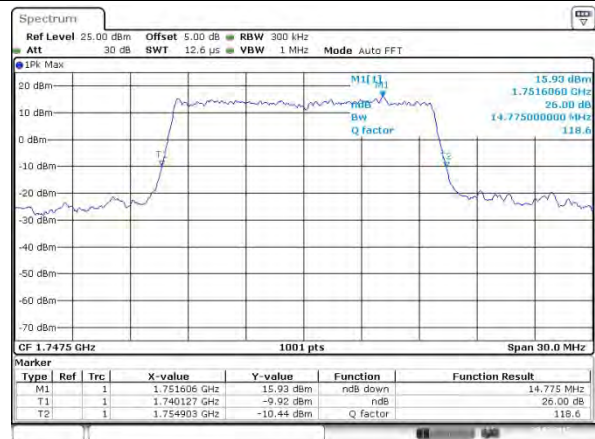
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



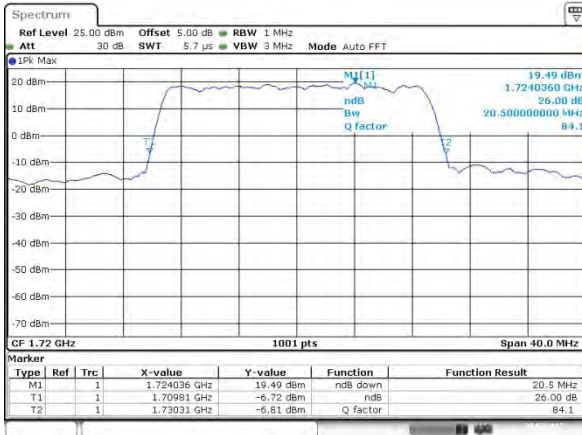
Highest Channel / 15MHz / 16QAM



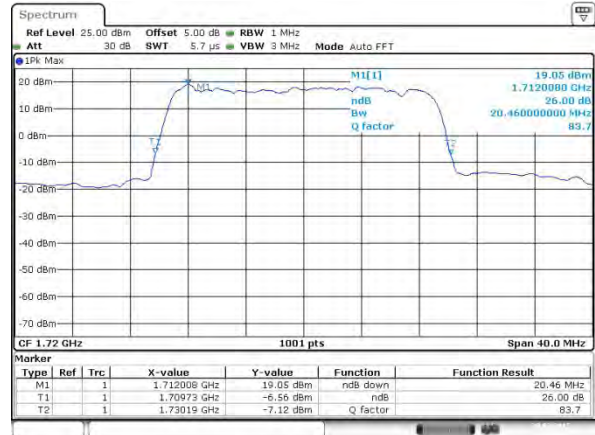


LTE Band 4

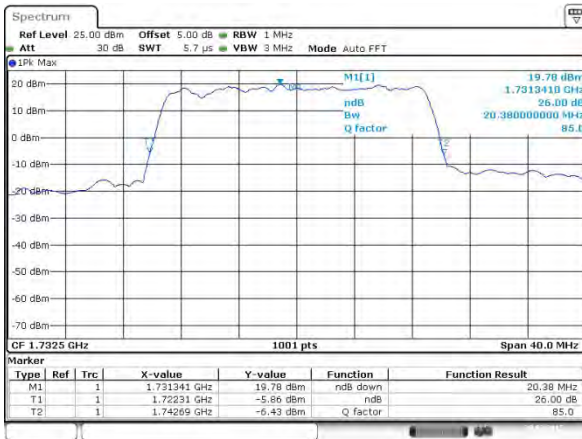
Lowest Channel / 20MHz / QPSK



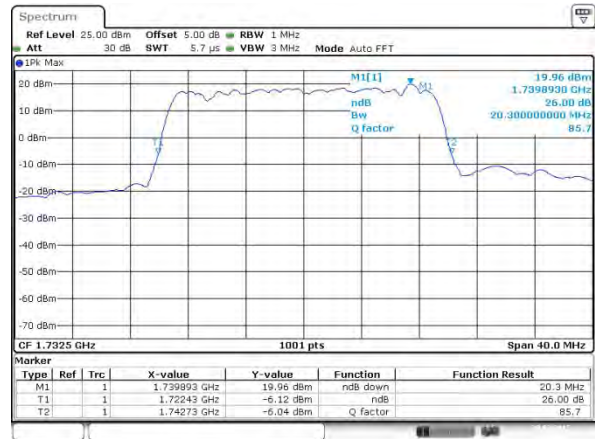
Lowest Channel / 20MHz / 16QAM



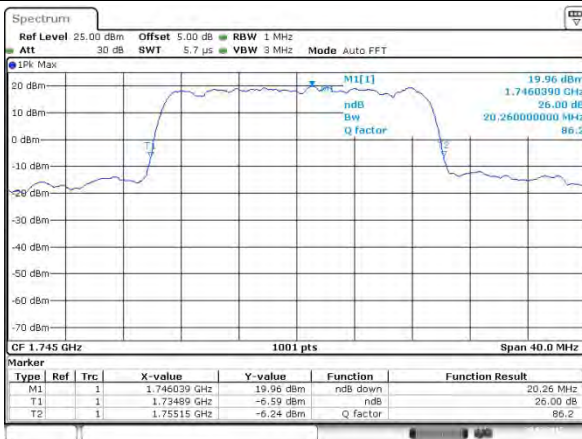
Middle Channel / 20MHz / QPSK



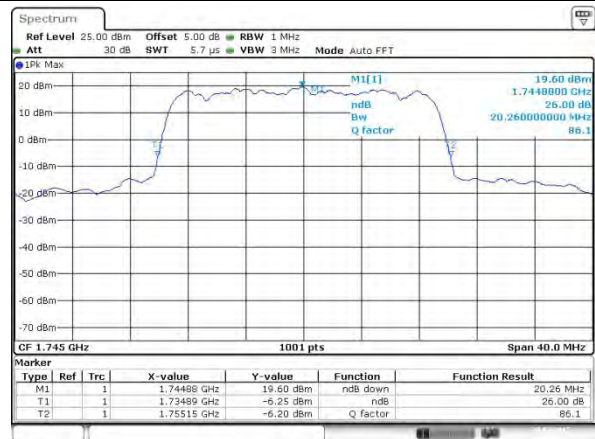
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



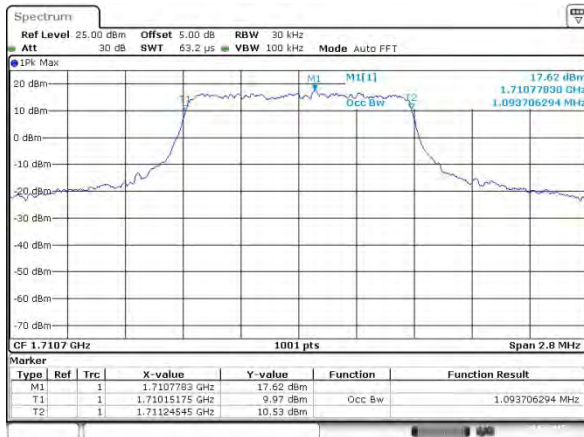
**Occupied Bandwidth**

Mode	LTE Band 4 : 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	1.1	2.73	2.73	4.51	4.51	9.09	9.03	13.49	13.46	18.46	18.54
Middle CH	1.1	1.1	2.73	2.73	4.52	4.5	9.07	9.01	13.46	13.49	18.34	18.26
Highest CH	1.09	1.1	2.73	2.73	4.51	4.51	9.05	9.03	13.43	13.46	18.34	18.38

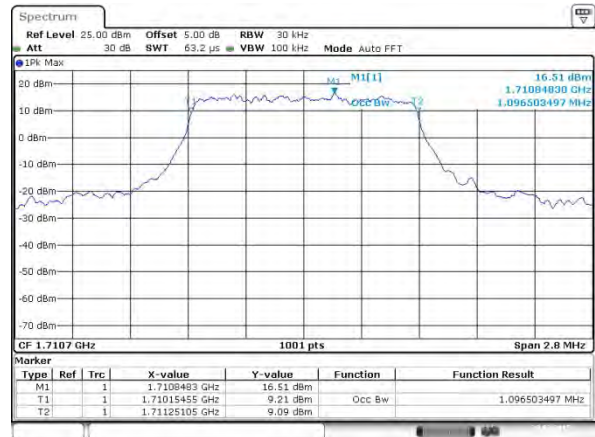


LTE Band 4

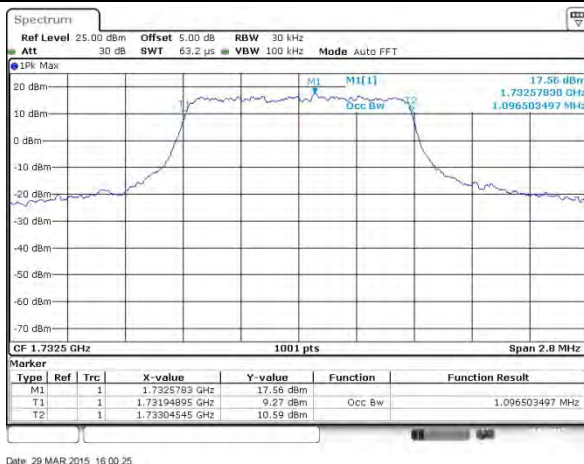
Lowest Channel / 1.4MHz / QPSK



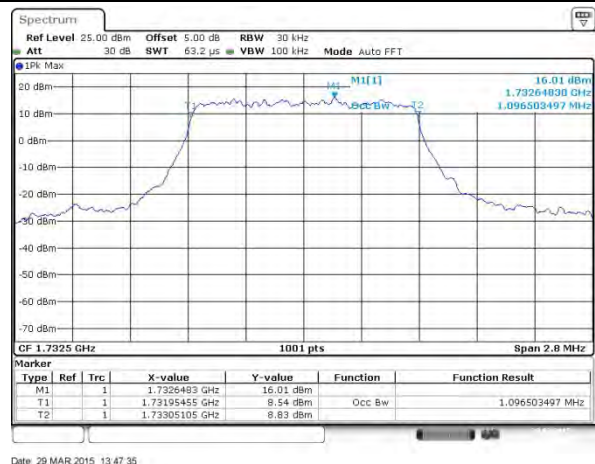
Lowest Channel / 1.4MHz / 16QAM



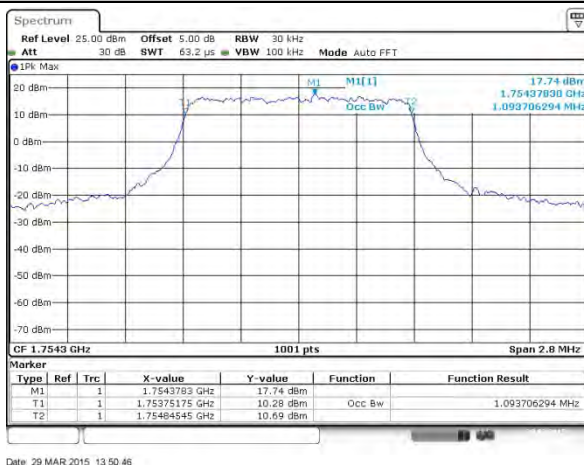
Middle Channel / 1.4MHz / QPSK



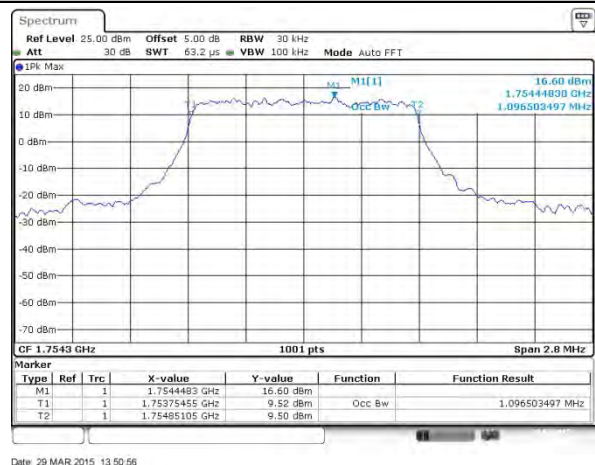
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



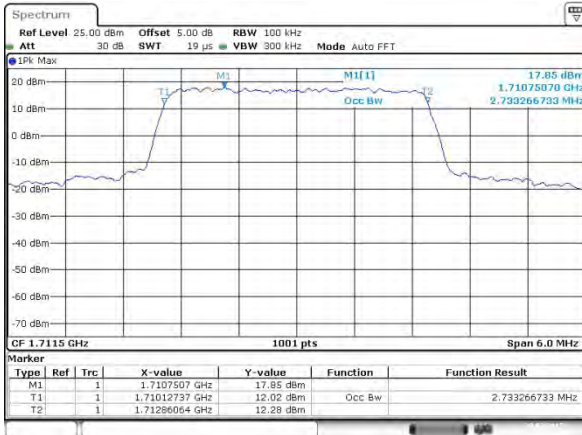
Highest Channel / 1.4MHz / 16QAM



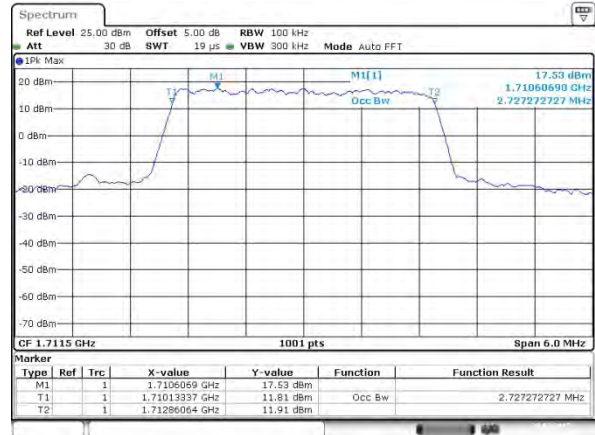


LTE Band 4

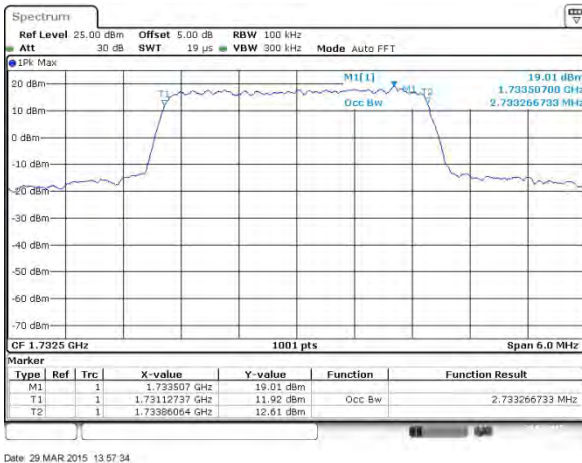
Lowest Channel / 3MHz / QPSK



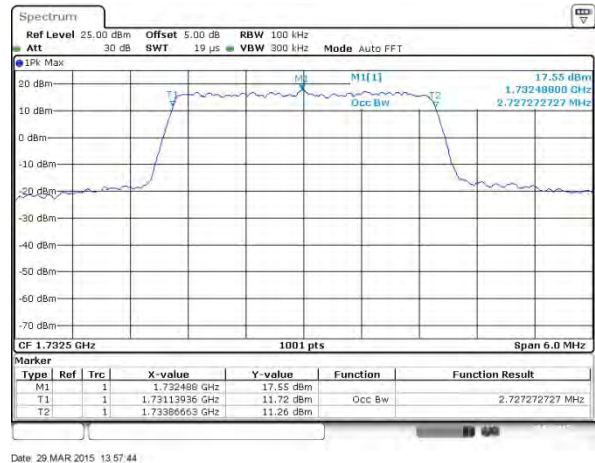
Lowest Channel / 3MHz / 16QAM



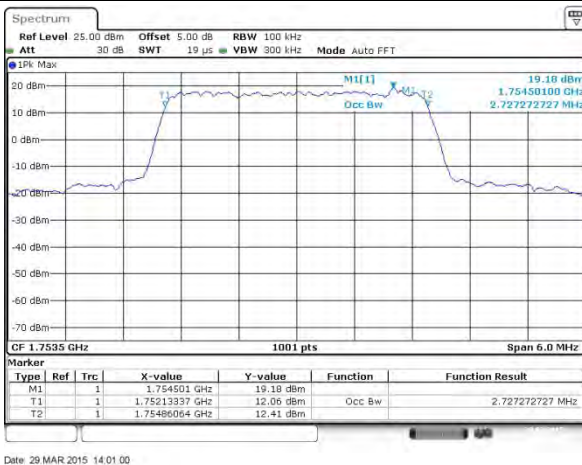
Middle Channel / 3MHz / QPSK



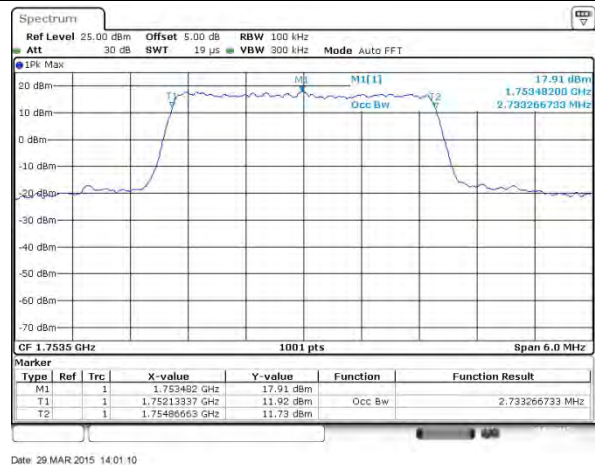
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



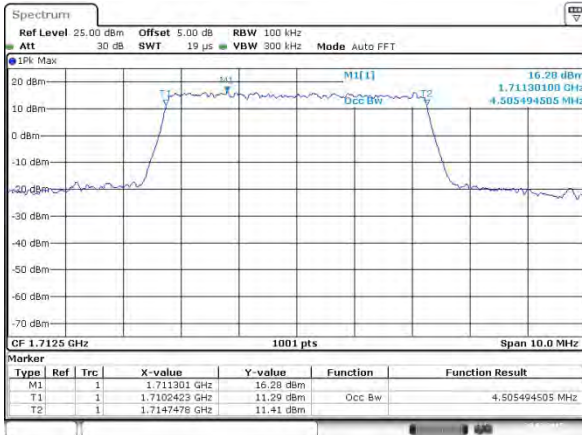
Highest Channel / 3MHz / 16QAM



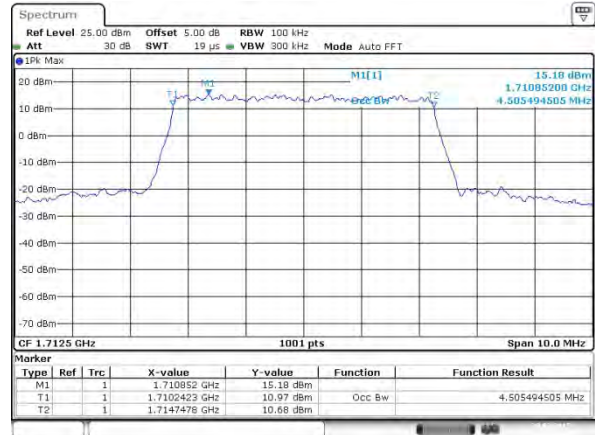


LTE Band 4

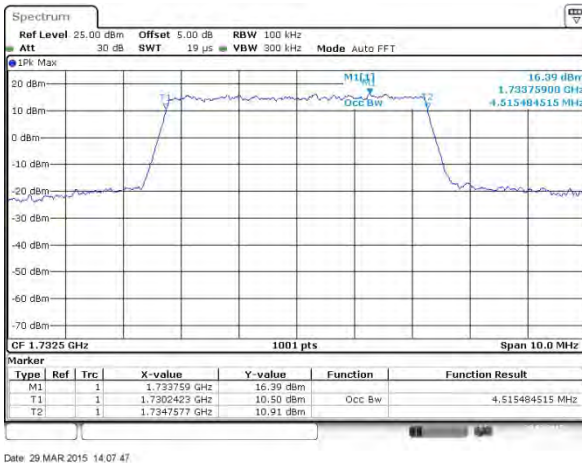
Lowest Channel / 5MHz / QPSK



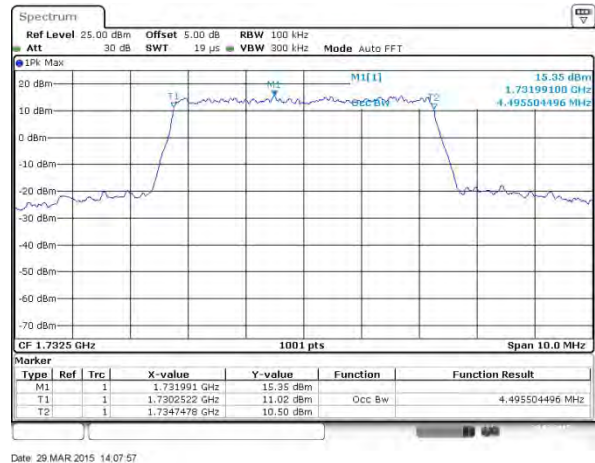
Lowest Channel / 5MHz / 16QAM



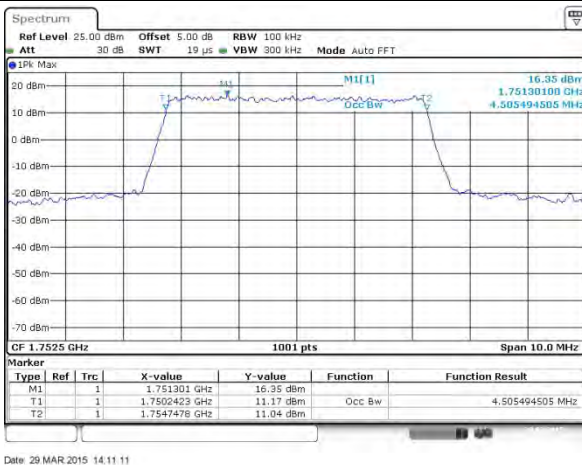
Middle Channel / 5MHz / QPSK



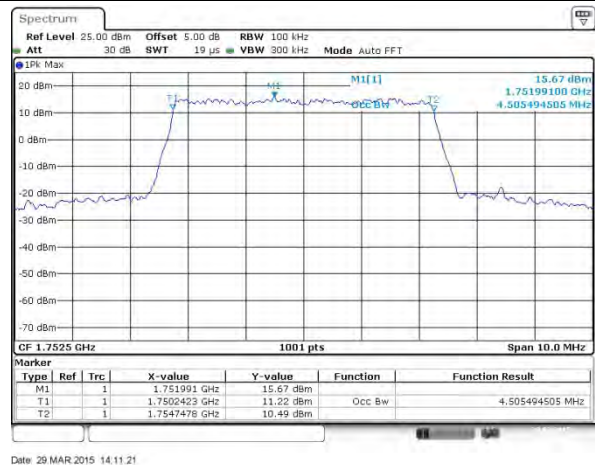
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



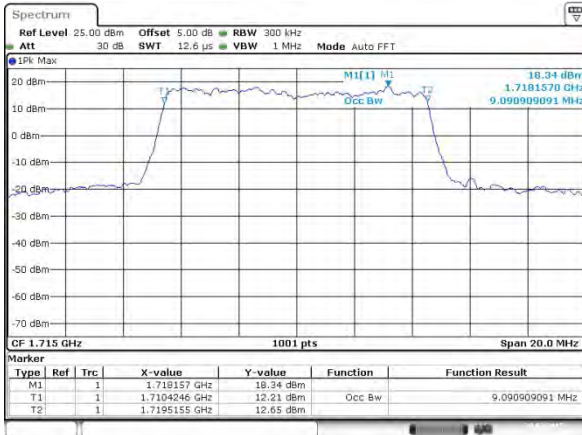
Highest Channel / 5MHz / 16QAM



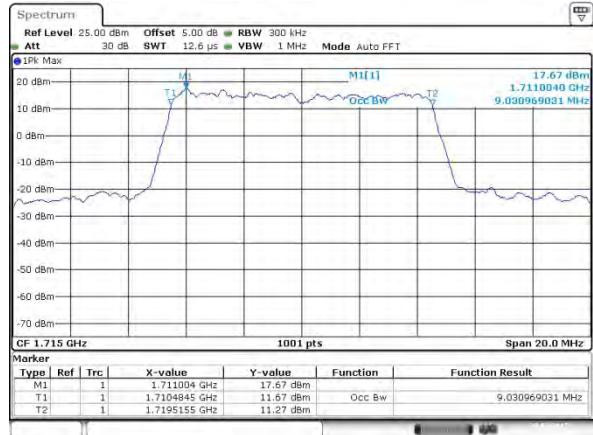


LTE Band 4

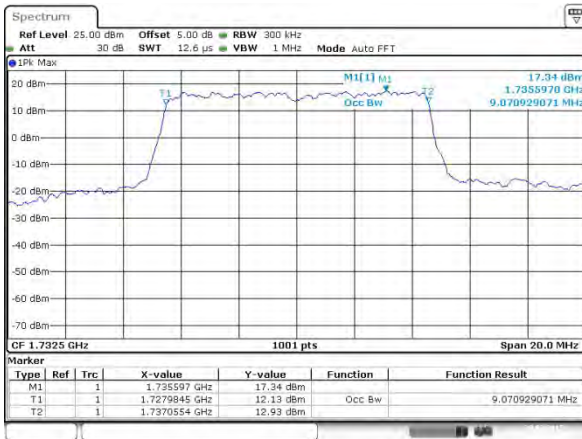
Lowest Channel / 10MHz / QPSK



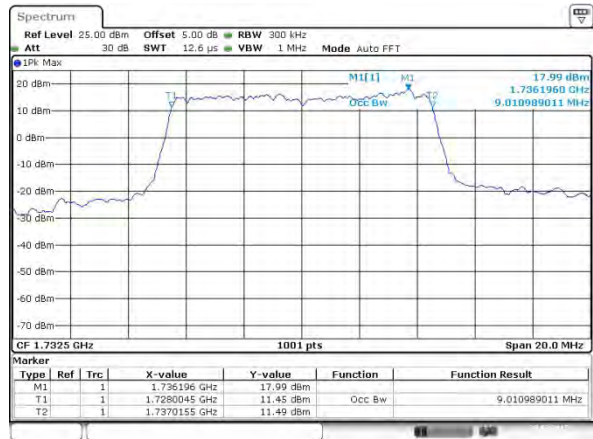
Lowest Channel / 10MHz / 16QAM



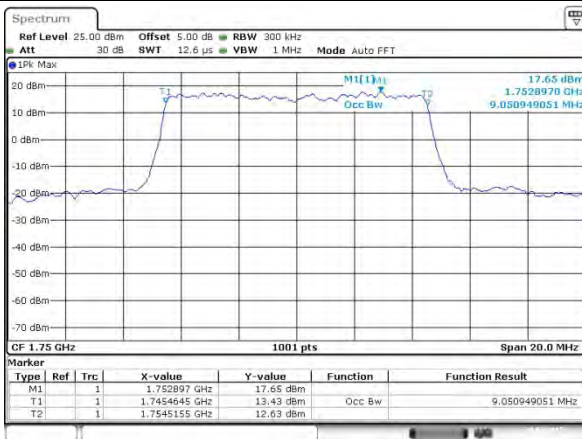
Middle Channel / 10MHz / QPSK



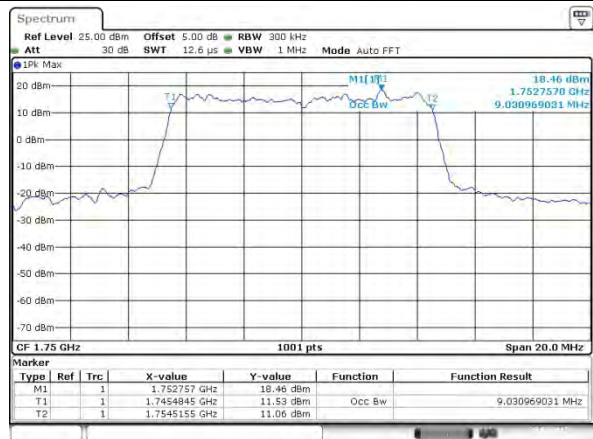
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



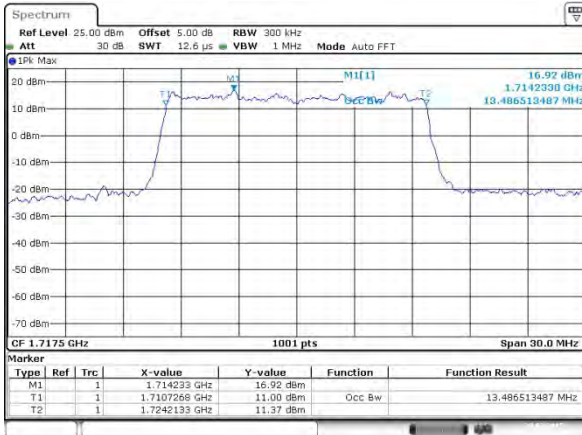
Highest Channel / 10MHz / 16QAM



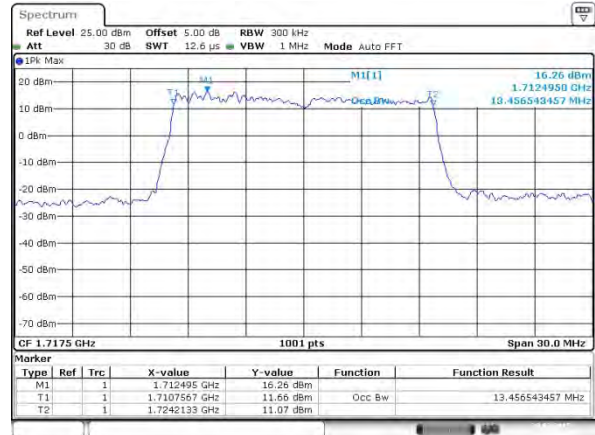


LTE Band 4

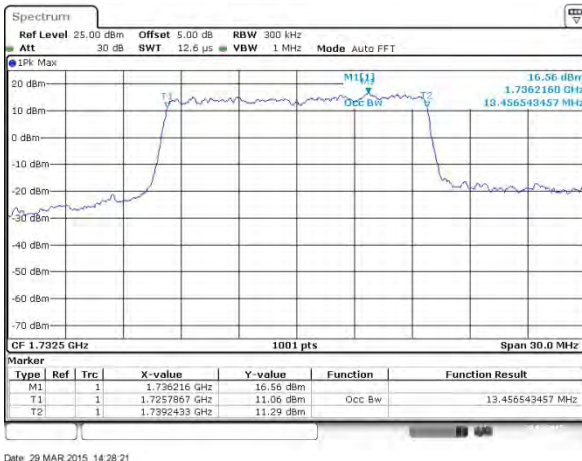
Lowest Channel / 15MHz / QPSK



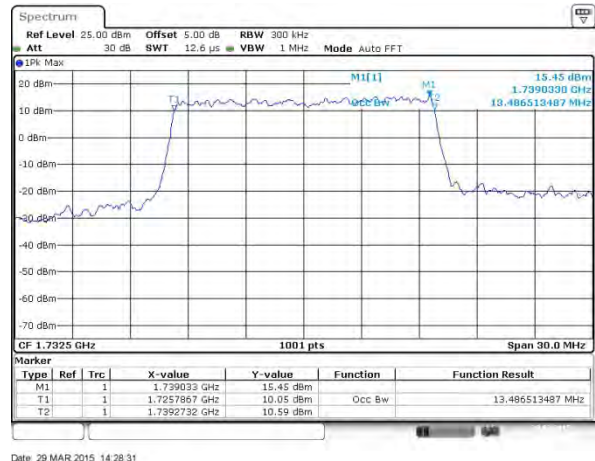
Lowest Channel / 15MHz / 16QAM



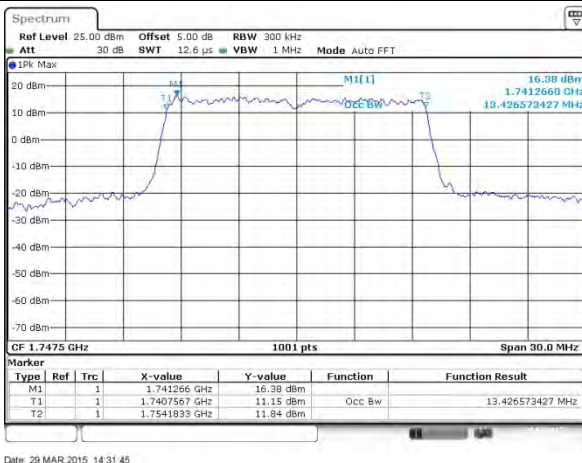
Middle Channel / 15MHz / QPSK



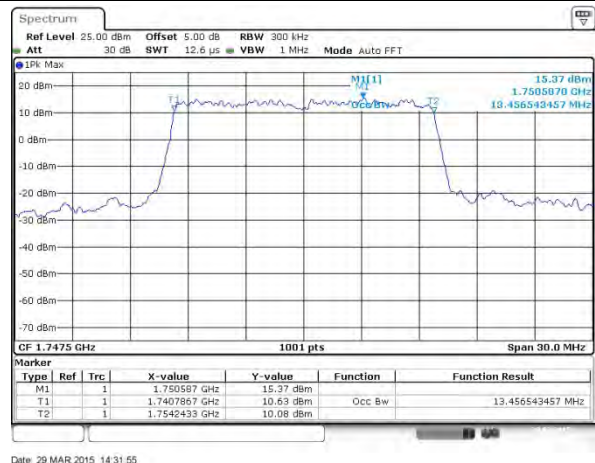
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



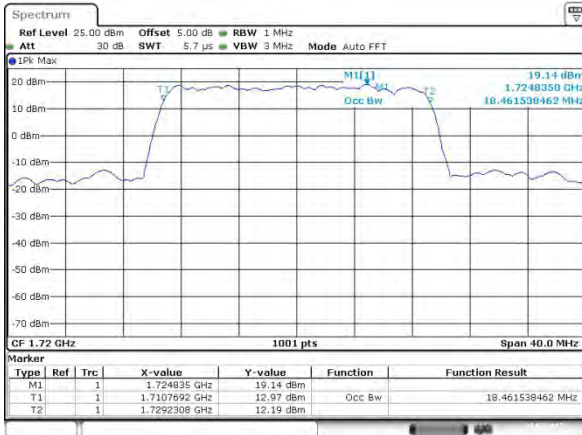
Highest Channel / 15MHz / 16QAM



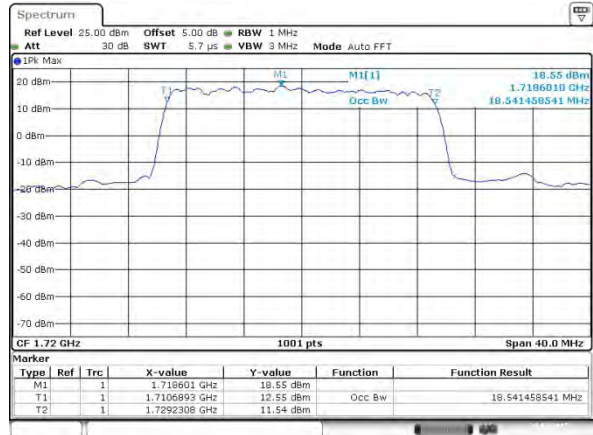


LTE Band 4

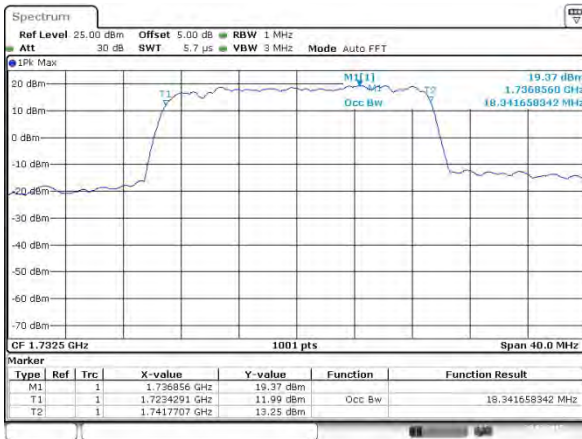
Lowest Channel / 20MHz / QPSK



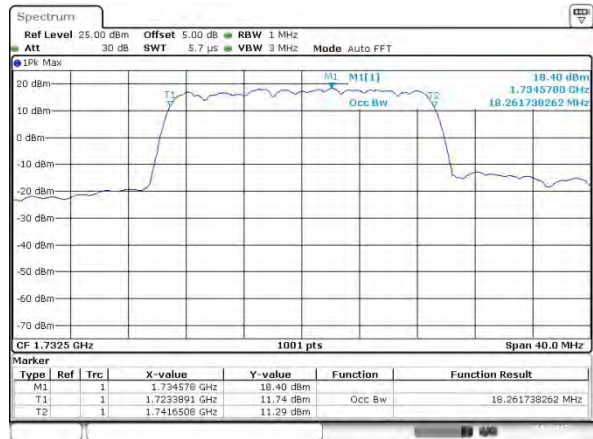
Lowest Channel / 20MHz / 16QAM



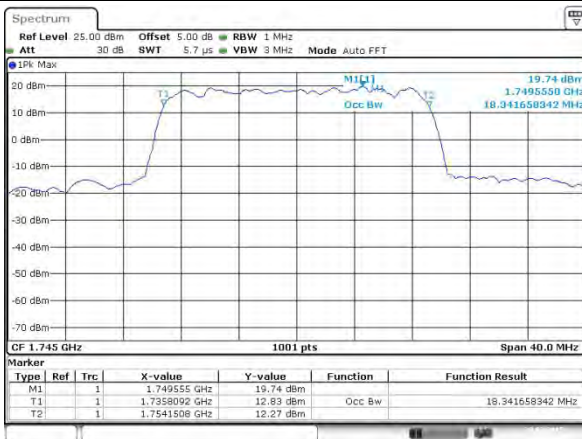
Middle Channel / 20MHz / QPSK



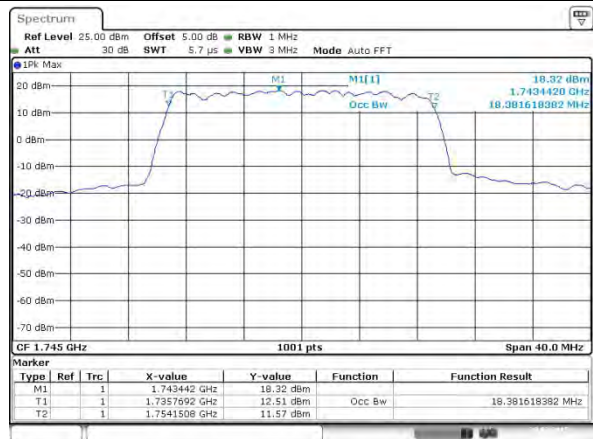
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

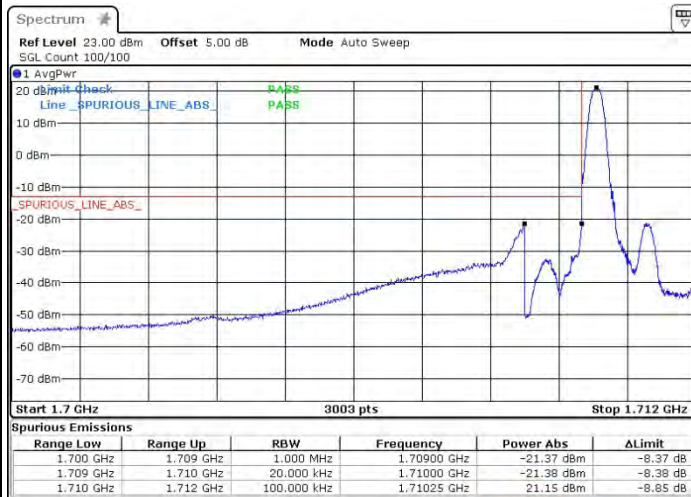




Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



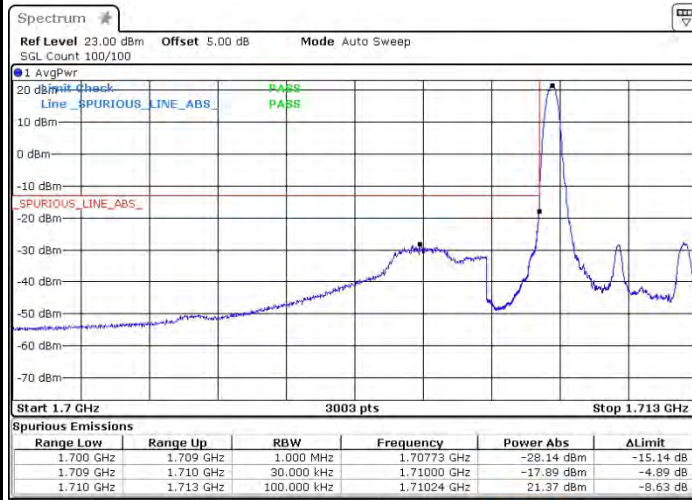
Highest Band Edge / Full RB



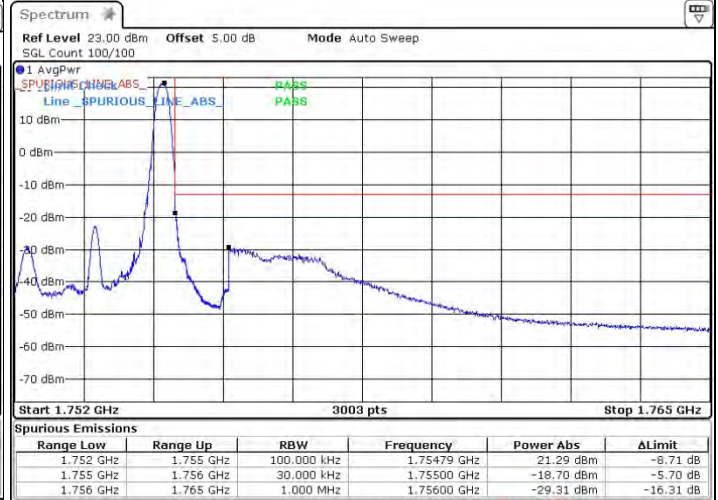


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



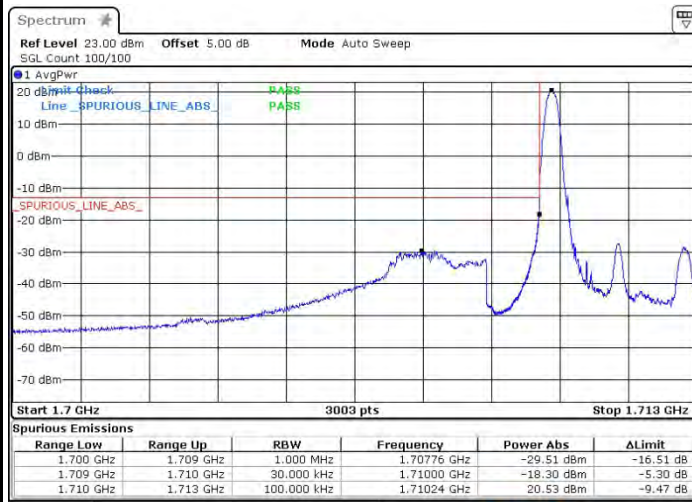
Highest Band Edge / Full RB



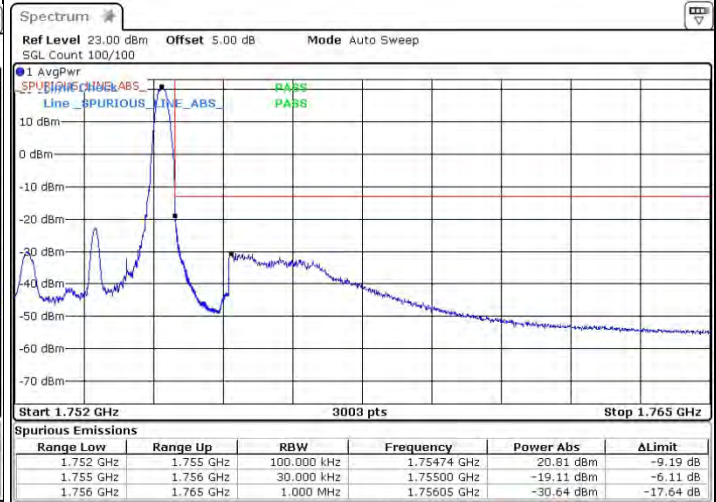


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



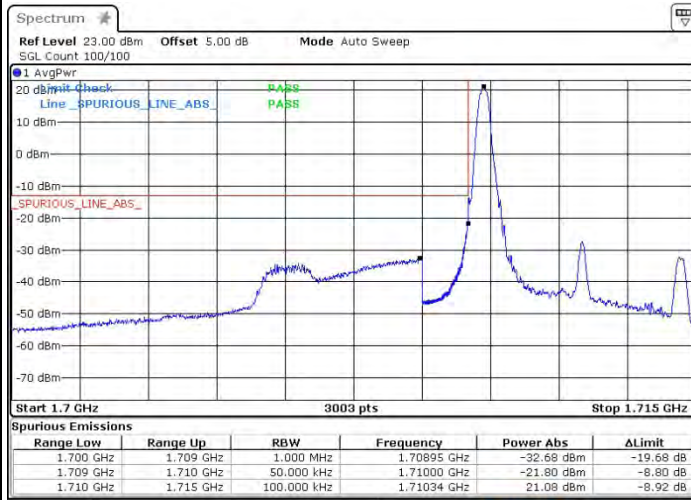
Highest Band Edge / Full RB





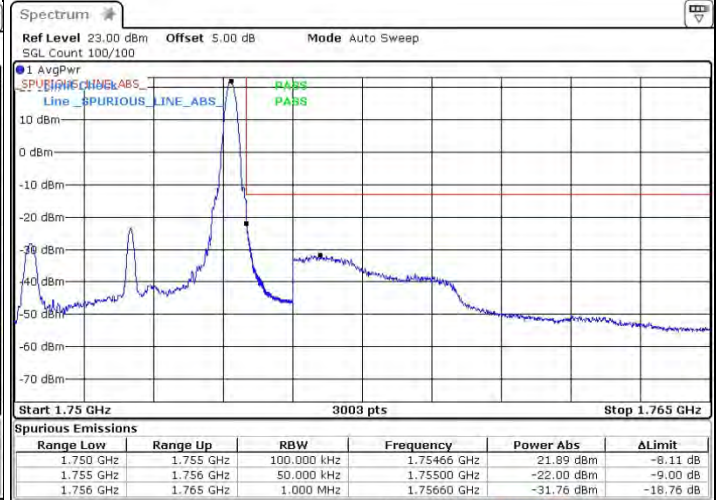
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 29 MAR 2015 15:11:48

Highest Band Edge / 1 RB



Date: 29 MAR 2015 15:13:59

Lowest Band Edge / Full RB



Date: 29 MAR 2015 15:13:17

Highest Band Edge / Full RB

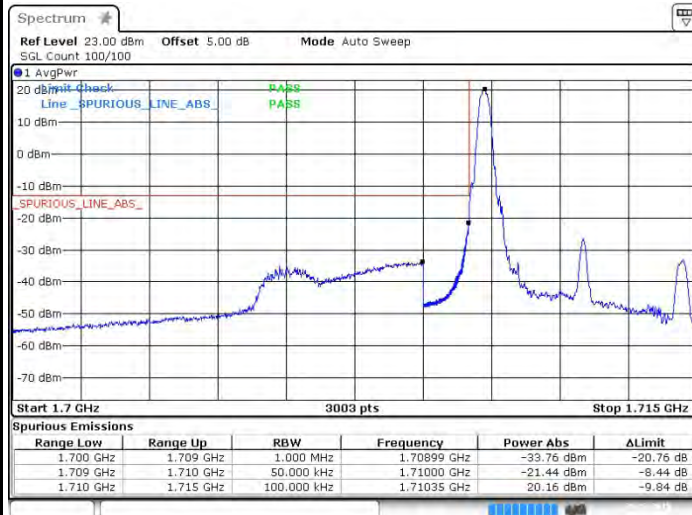


Date: 29 MAR 2015 15:17:00

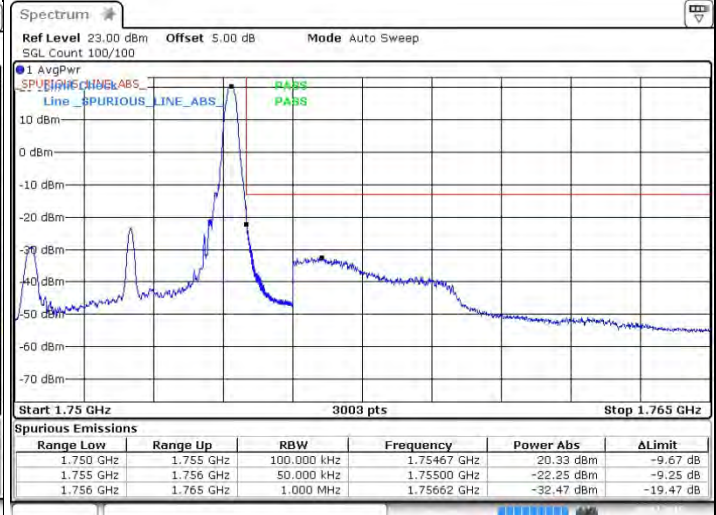


LTE Band 4 / 5MHz / 16QAM

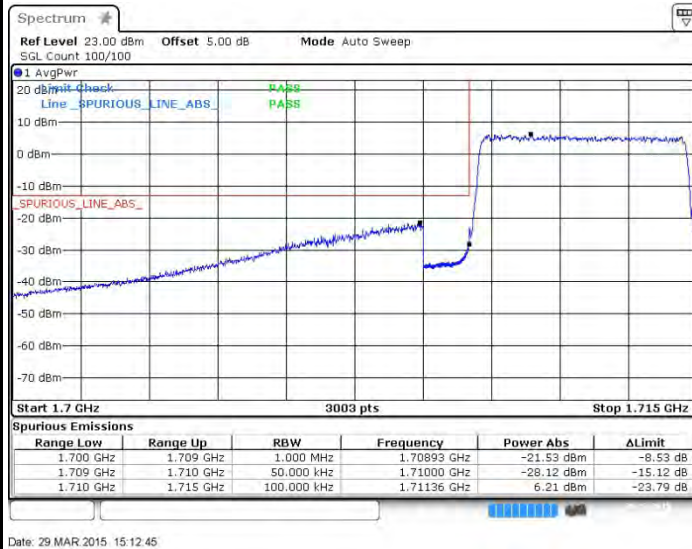
Lowest Band Edge / 1RB



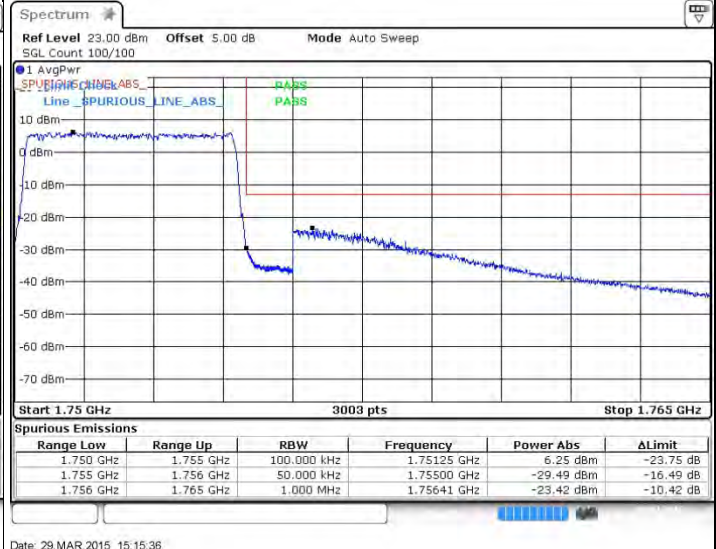
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



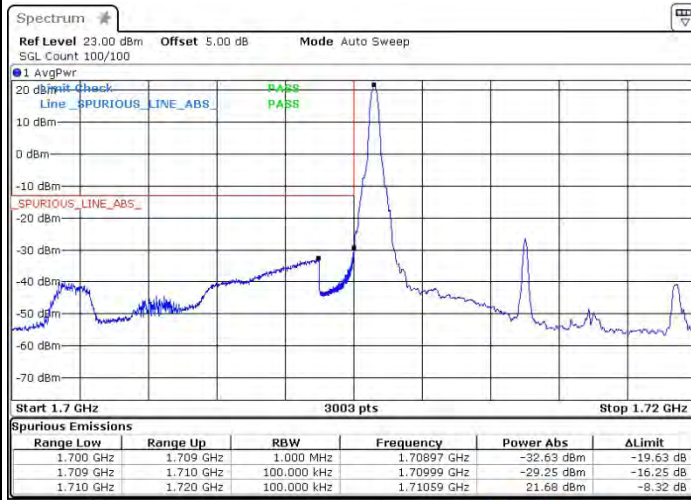
Highest Band Edge / Full RB



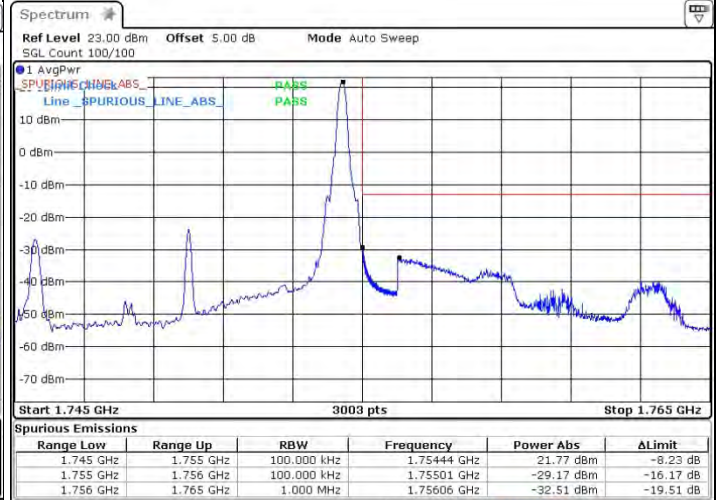


LTE Band 4 / 10MHz / QPSK

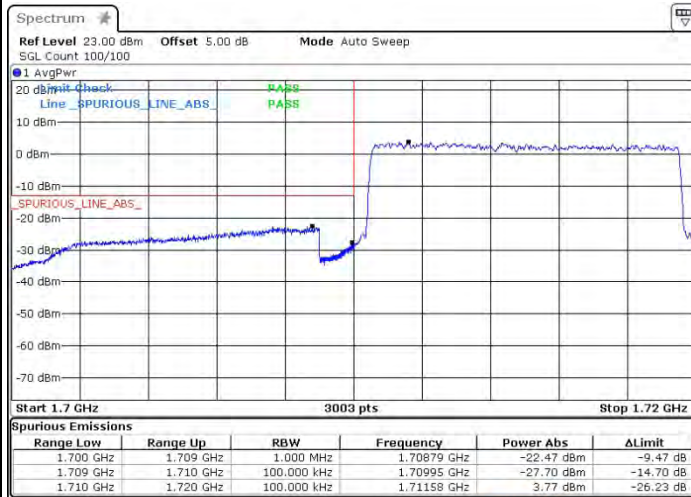
Lowest Band Edge / 1 RB



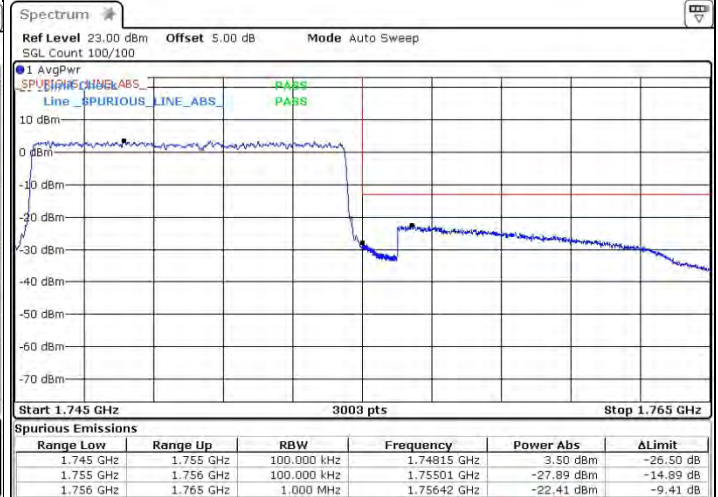
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



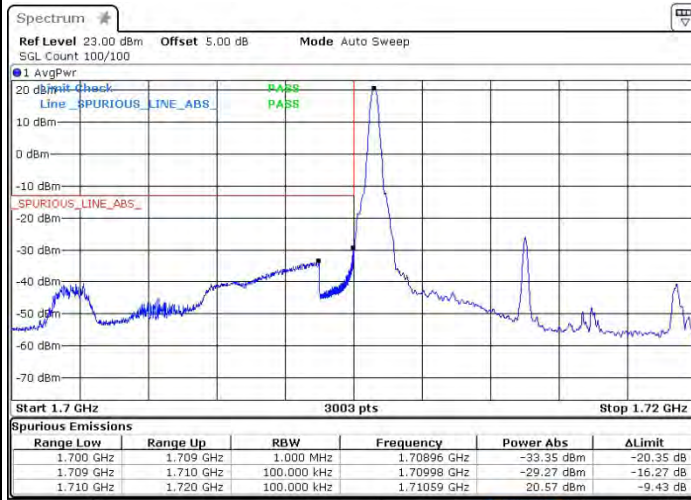
Highest Band Edge / Full RB



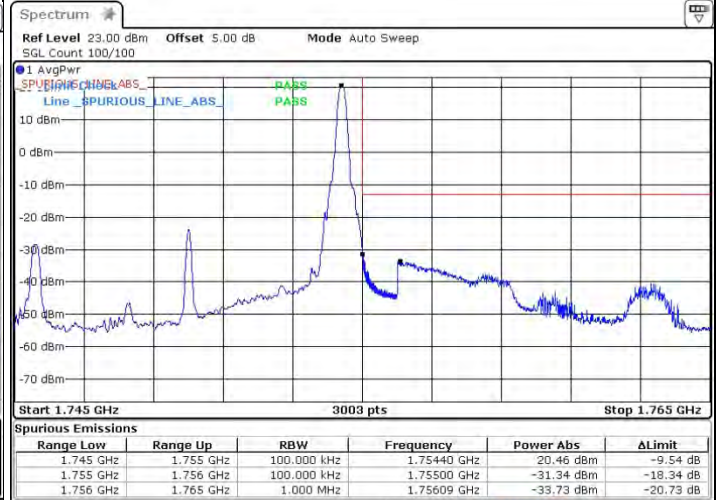


LTE Band 4 / 10MHz / 16QAM

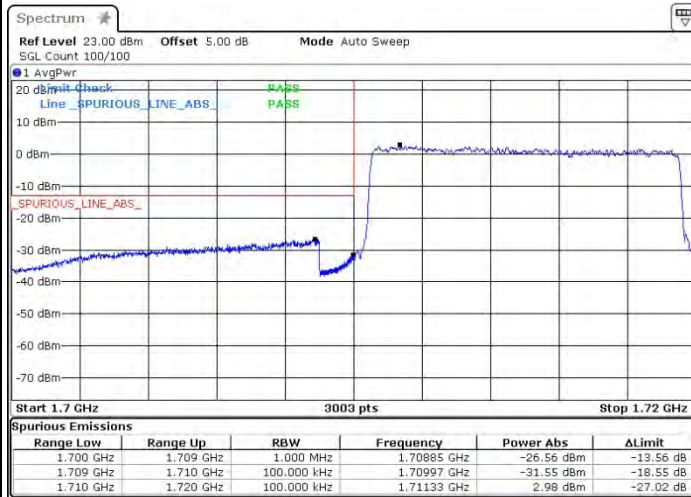
Lowest Band Edge / 1 RB



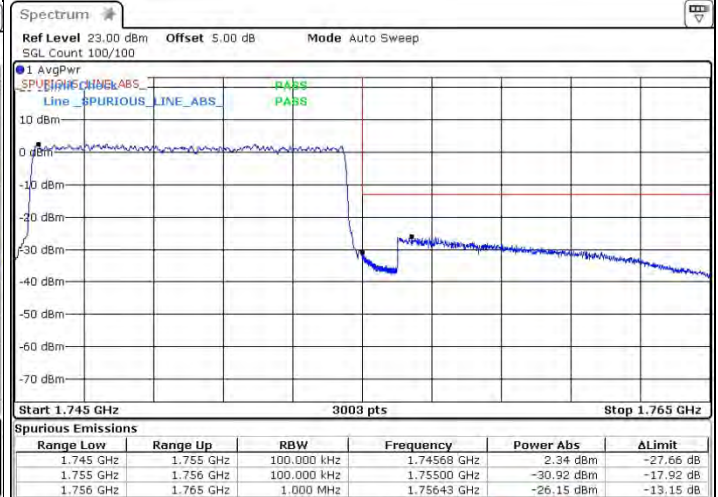
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



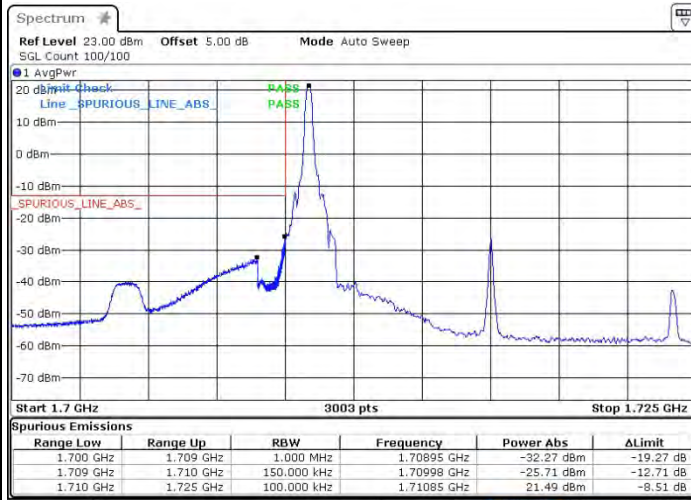
Highest Band Edge / Full RB



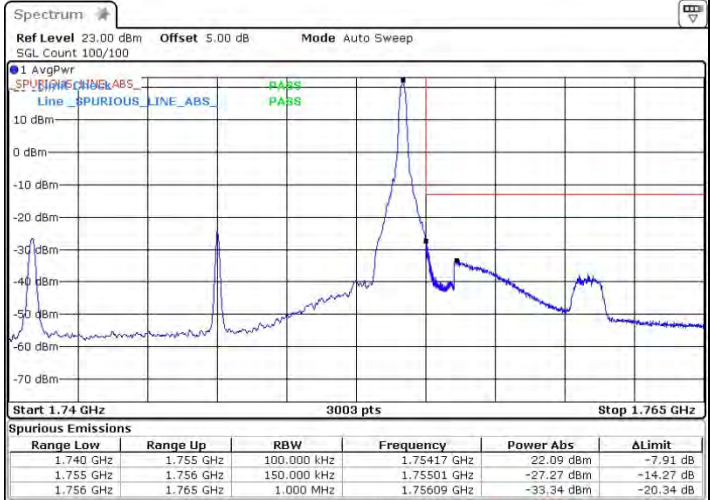


LTE Band 4 / 15MHz / QPSK

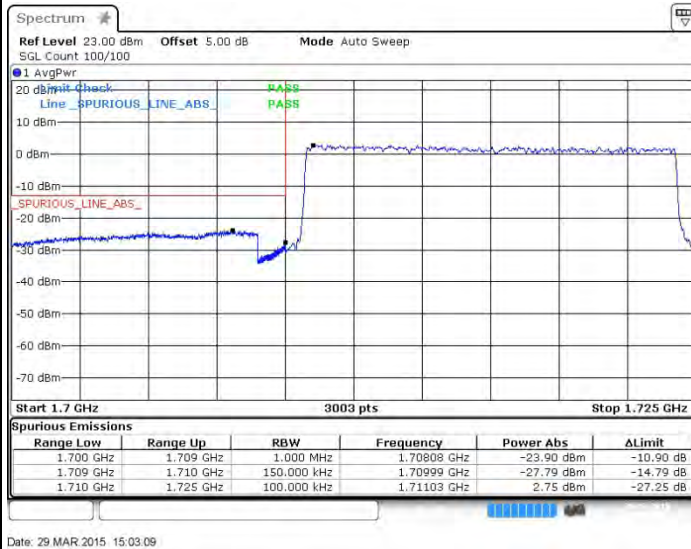
Lowest Band Edge / 1 RB



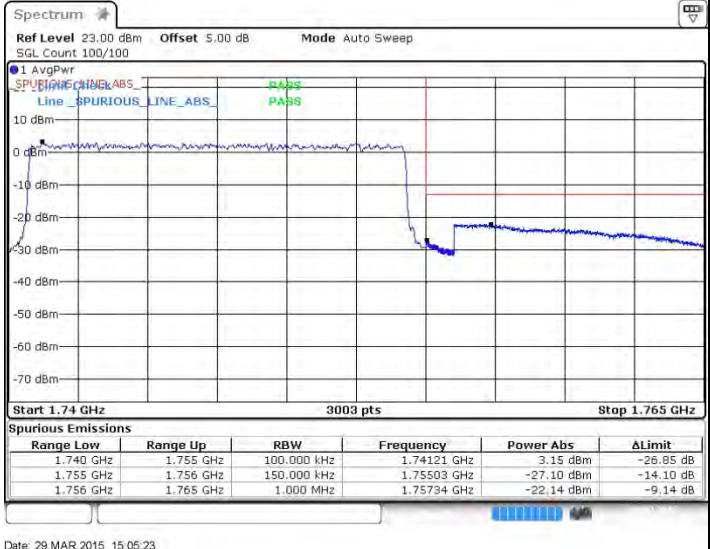
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



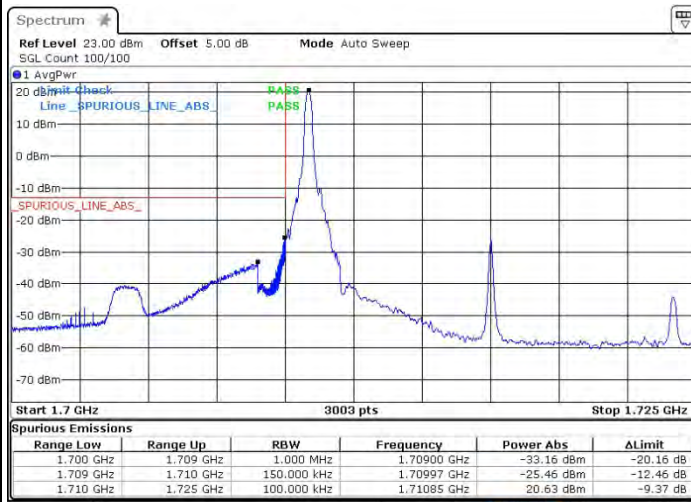
Highest Band Edge / Full RB



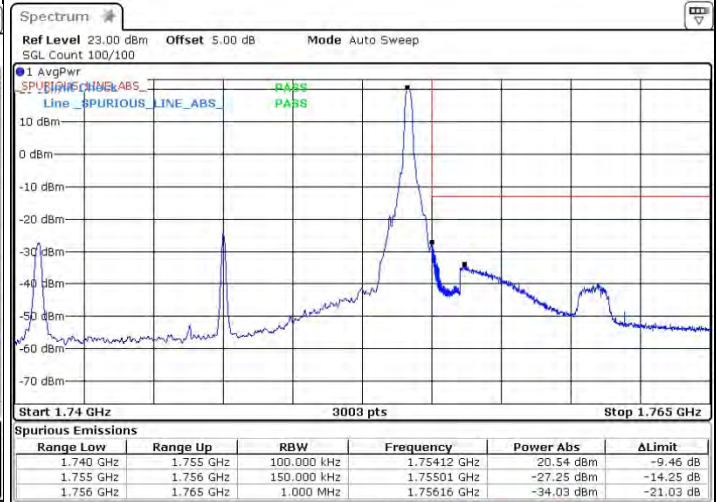


LTE Band 4 / 15MHz / 16QAM

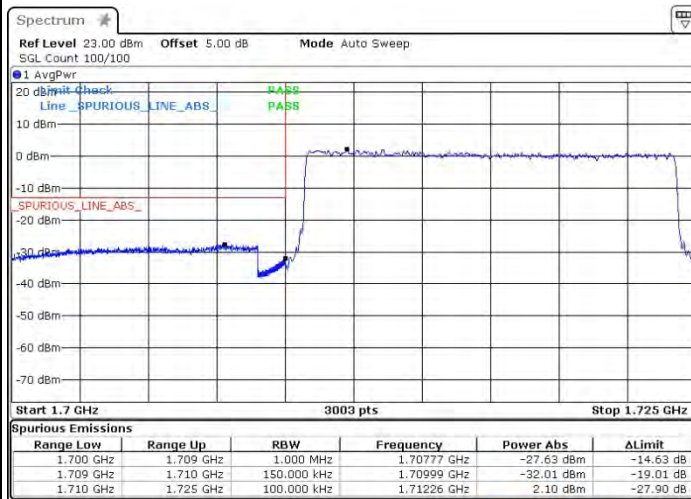
Lowest Band Edge / 1 RB



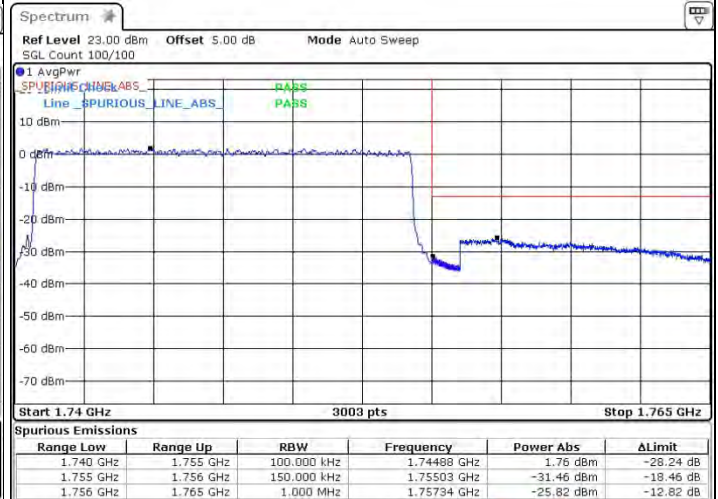
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



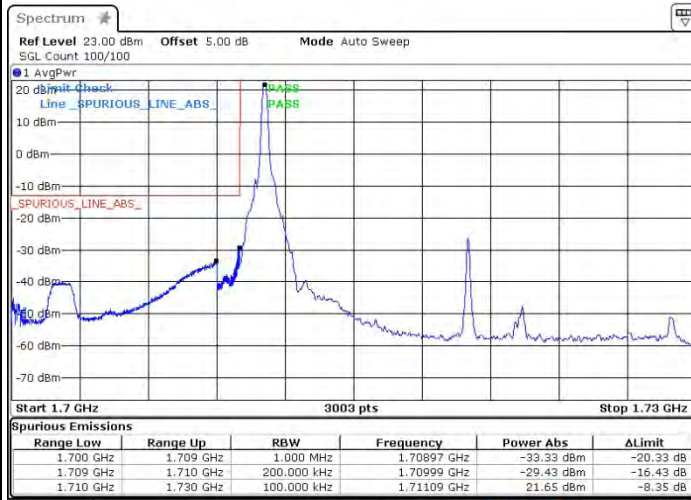
Highest Band Edge / Full RB



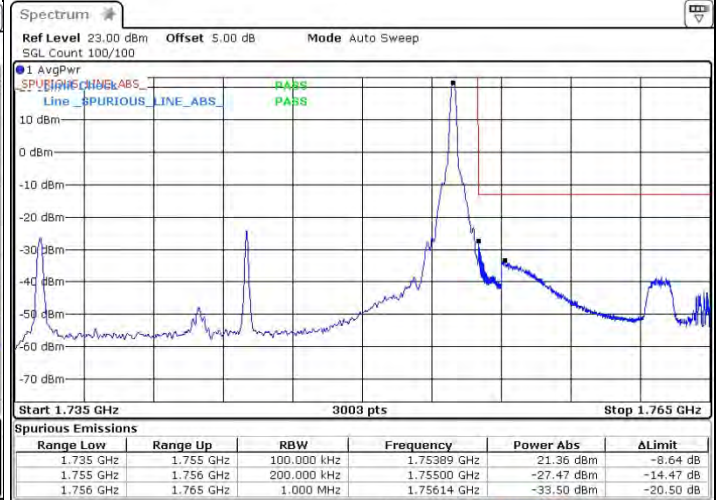


LTE Band 4 / 20MHz / QPSK

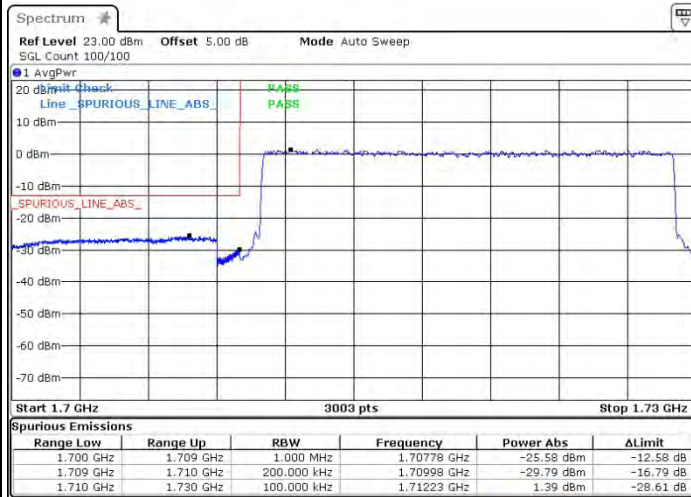
Lowest Band Edge / 1 RB



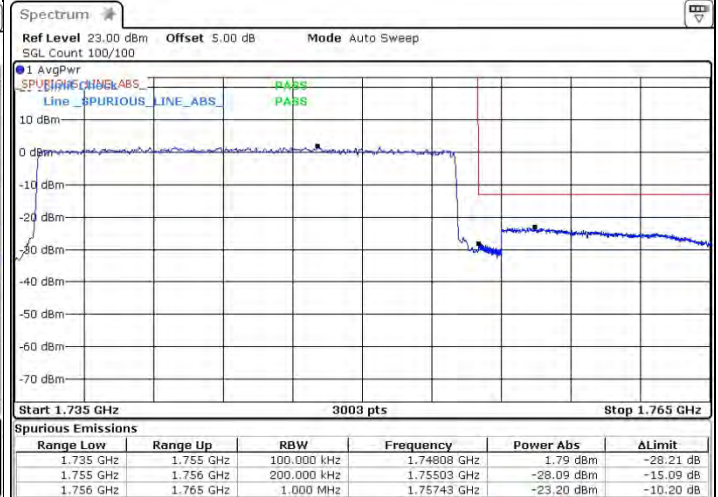
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



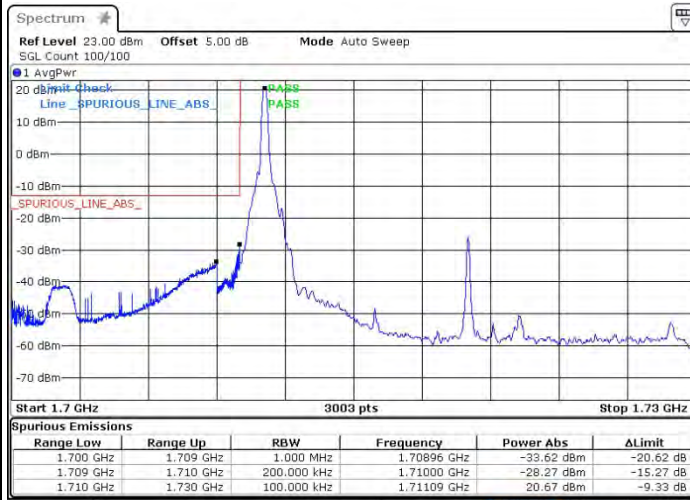
Highest Band Edge / Full RB



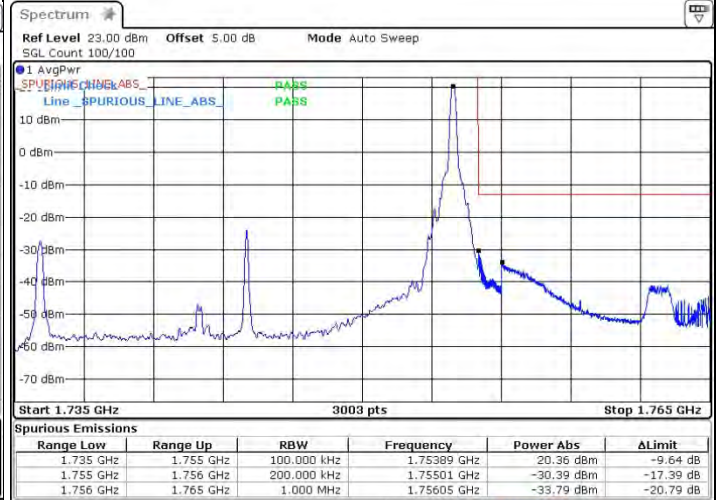


LTE Band 4 / 20MHz / 16QAM

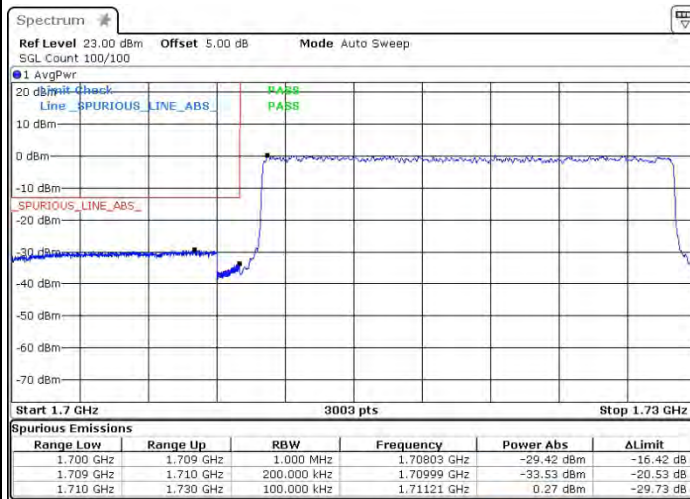
Lowest Band Edge / 1 RB



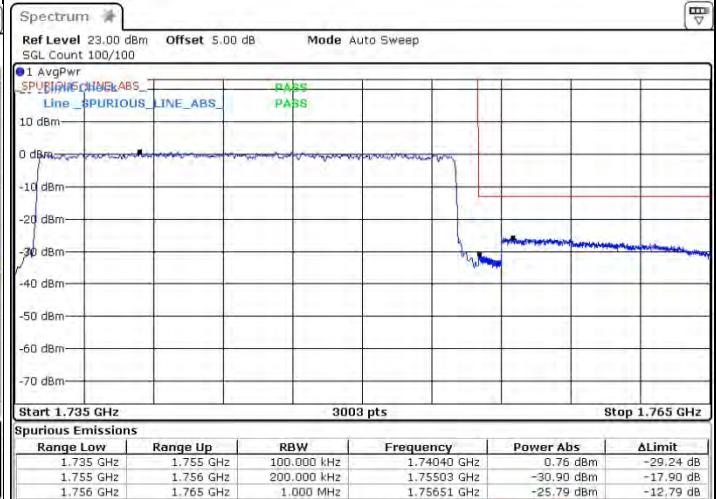
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

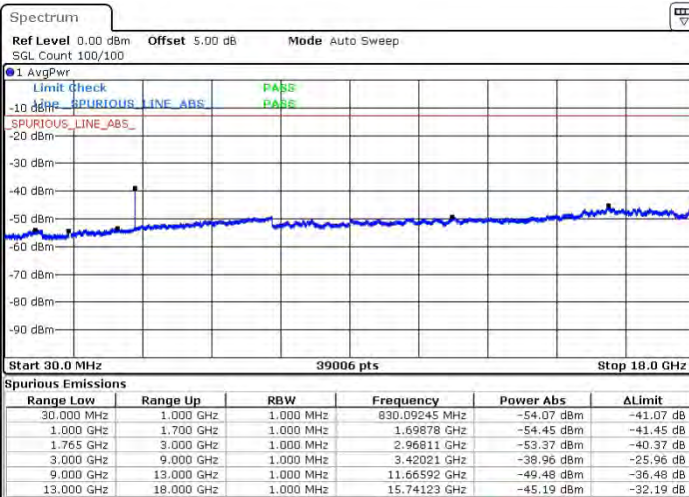




Conducted Spurious Emission

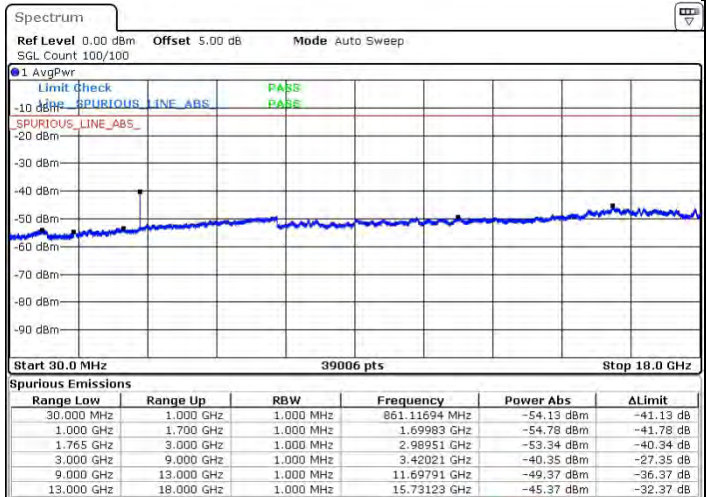
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



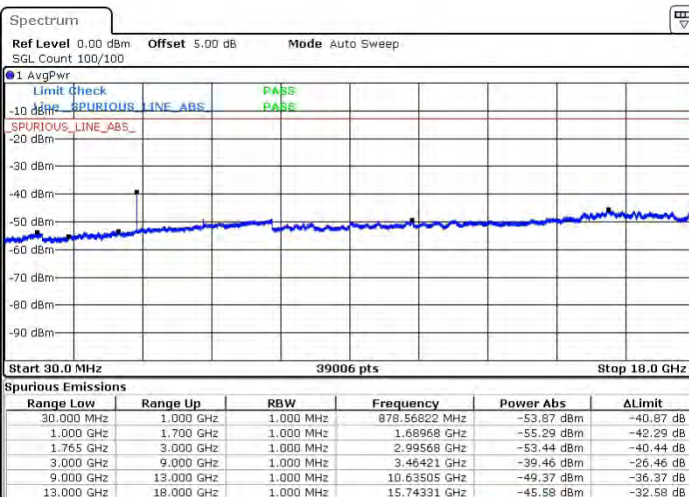
Date: 29 MAR 2015 13:43:14

Lowest Channel / 16QAM



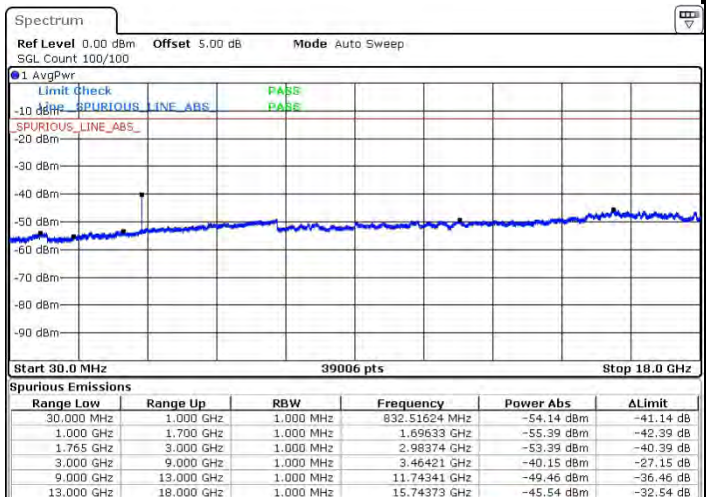
Date: 29 MAR 2015 13:44:35

Middle Channel / QPSK



Date: 29 MAR 2015 13:49:07

Middle Channel / 16QAM



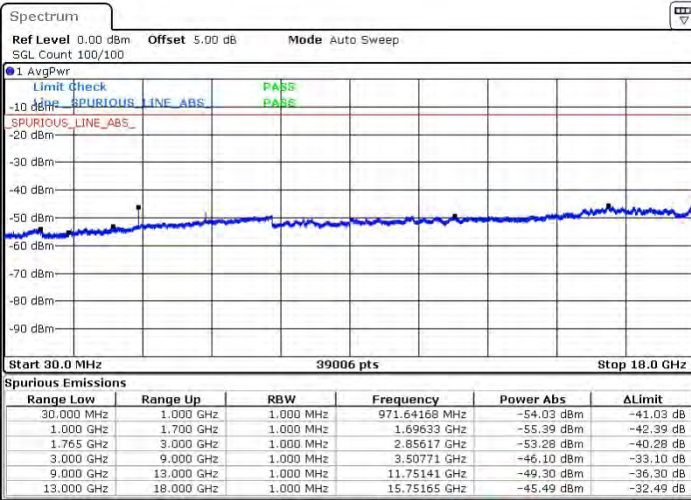
Date: 29 MAR 2015 13:50:25



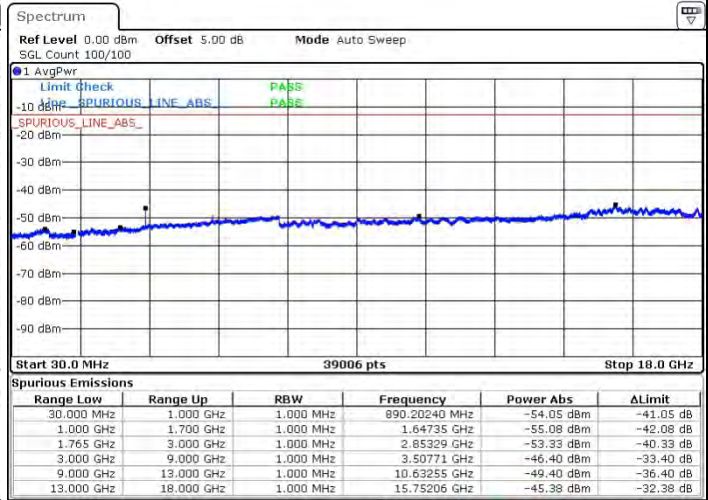
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAR 2015 13:52:28

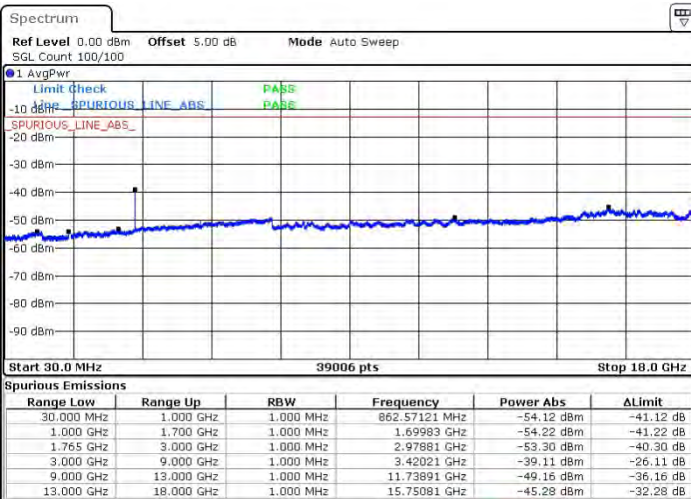


Date: 29 MAR 2015 13:53:50

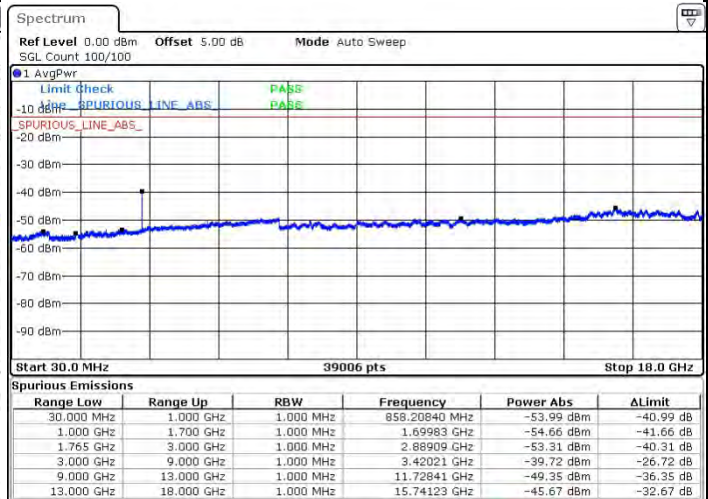
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 29 MAR 2015 13:55:55



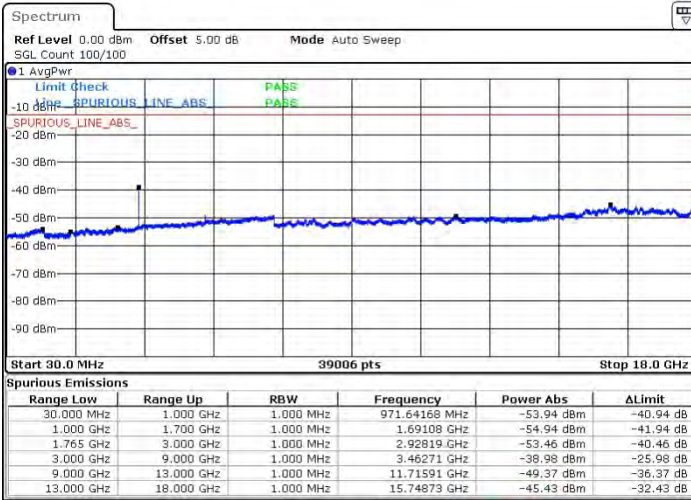
Date: 29 MAR 2015 13:57:14



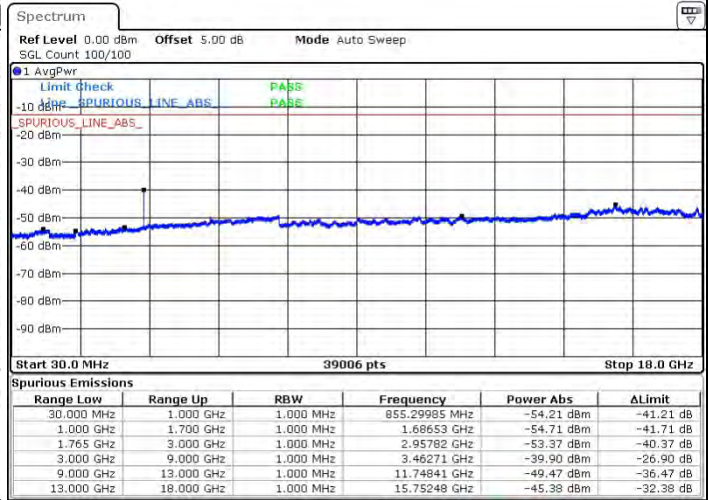
LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



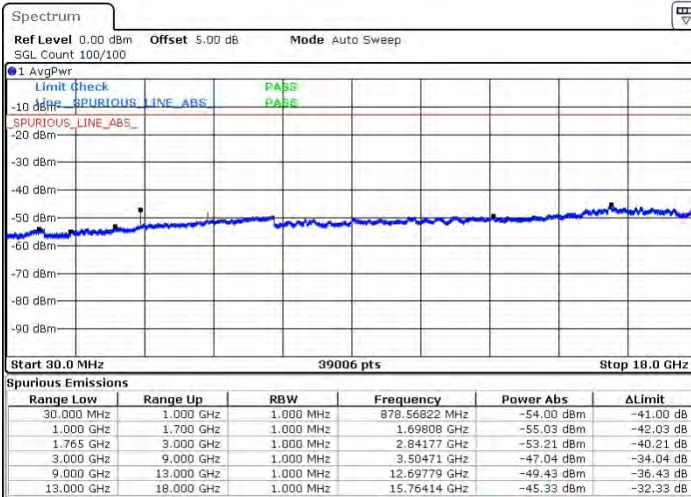
Date: 29 MAR 2015 13:59:18



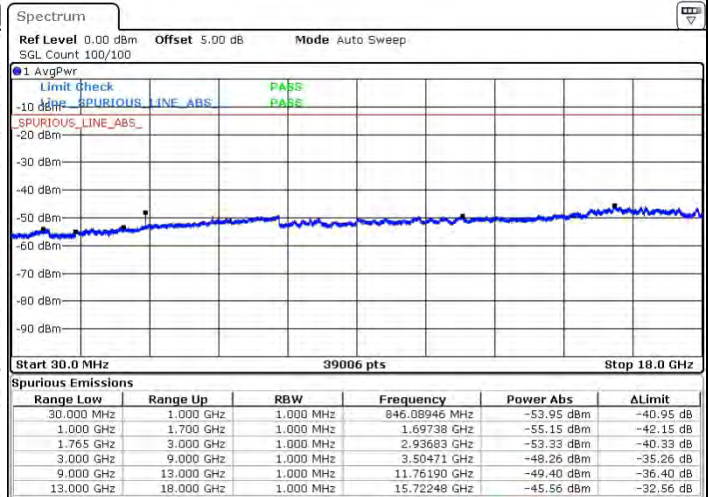
Date: 29 MAR 2015 14:00:40

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAR 2015 16:22:08



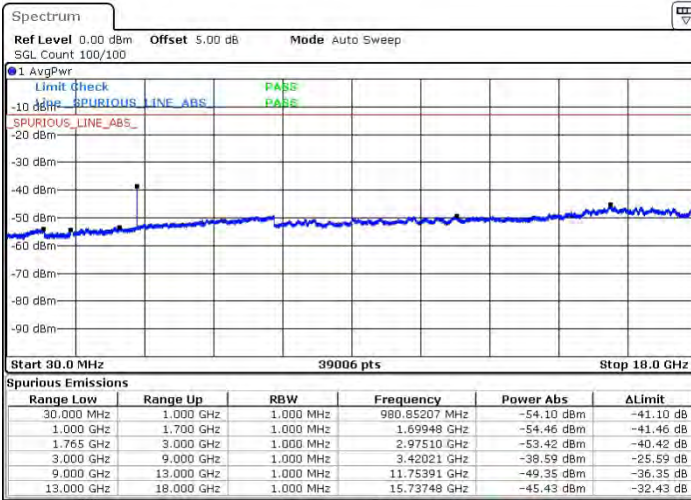
Date: 29 MAR 2015 16:17:49



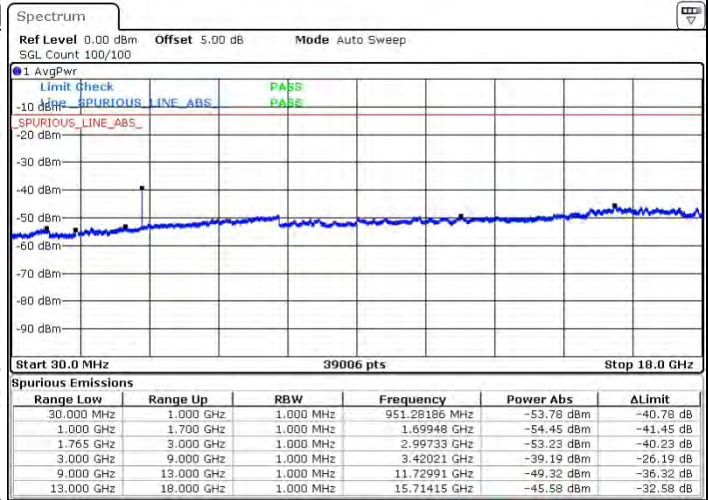
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



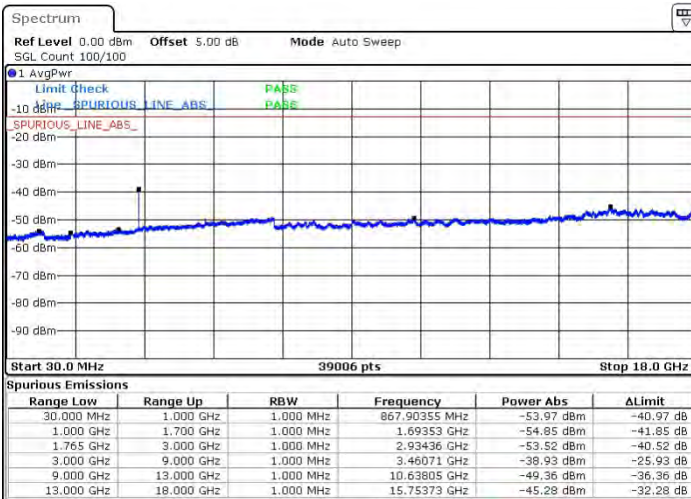
Date: 29 MAR 2015 14:06:09



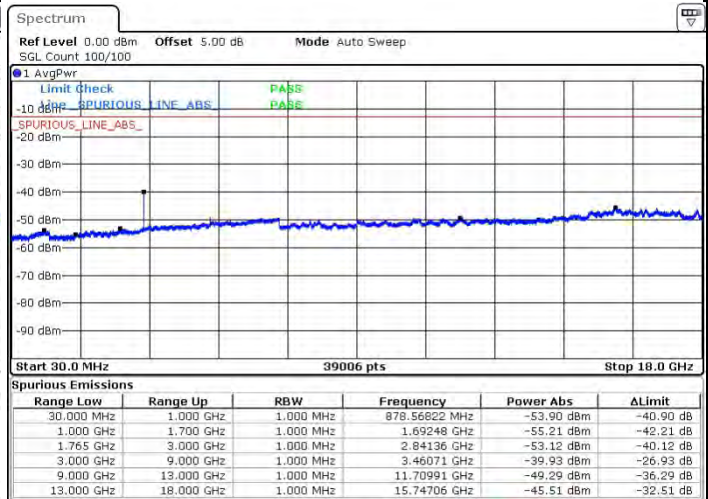
Date: 29 MAR 2015 14:07:27

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29 MAR 2015 14:09:29



Date: 29 MAR 2015 14:10:50

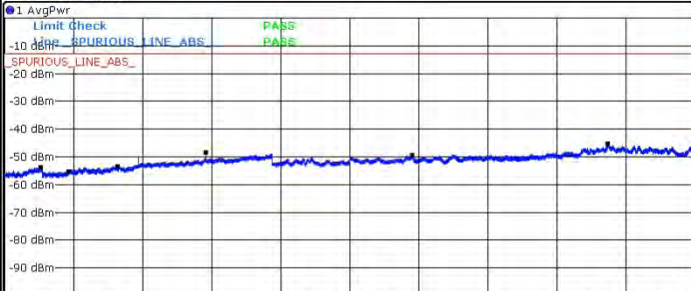


LTE Band 4 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

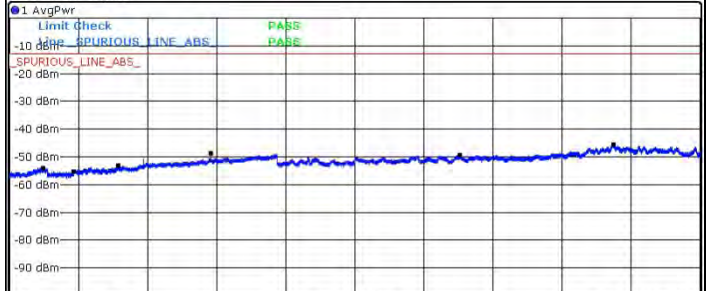
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-53.92 dBm	-40.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68968 GHz	-55.46 dBm	-42.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96893 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.25156 GHz	-48.42 dBm	-35.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.63755 GHz	-49.33 dBm	-36.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73081 GHz	-45.41 dBm	-32.41 dB

Date: 29 MAR 2015 14:12:56

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-54.13 dBm	-41.13 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-55.42 dBm	-42.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85041 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.25156 GHz	-48.67 dBm	-35.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.74241 GHz	-49.31 dBm	-36.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73706 GHz	-45.57 dBm	-32.57 dB

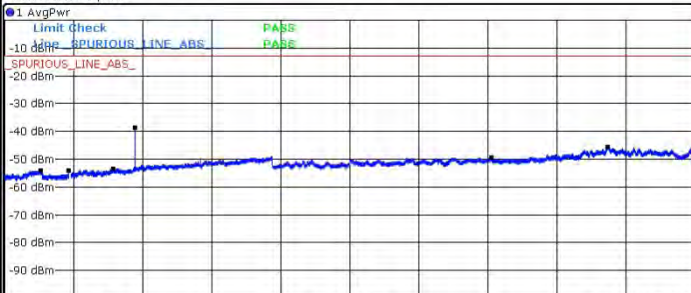
Date: 29 MAR 2015 14:14:17

LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

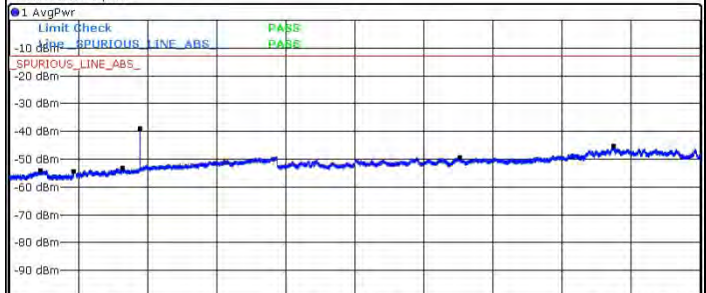
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.00 dBm	-41.00 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84465 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.41972 GHz	-38.73 dBm	-25.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69879 GHz	-49.40 dBm	-36.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72831 GHz	-45.52 dBm	-32.52 dB

Date: 29 MAR 2015 14:16:22

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	829.60770 MHz	-54.16 dBm	-41.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-54.28 dBm	-41.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95728 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-39.04 dBm	-26.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.74991 GHz	-49.37 dBm	-36.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75623 GHz	-45.44 dBm	-32.44 dB

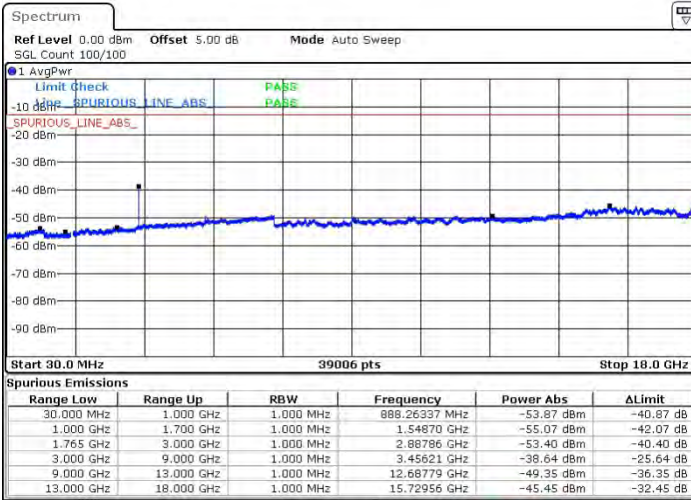
Date: 29 MAR 2015 14:17:44



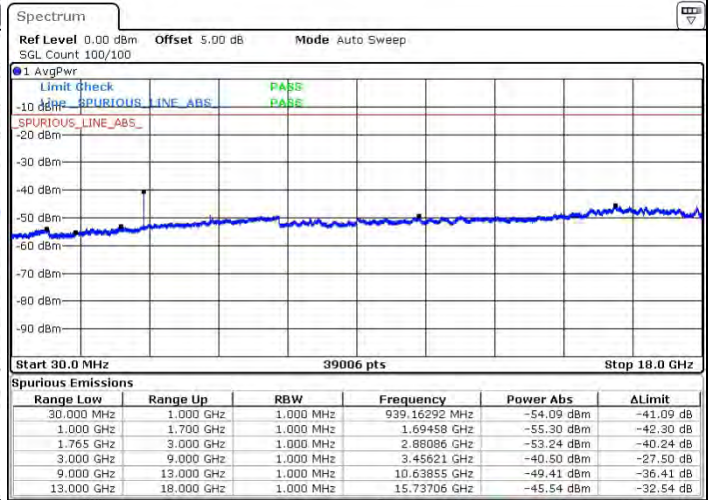
LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



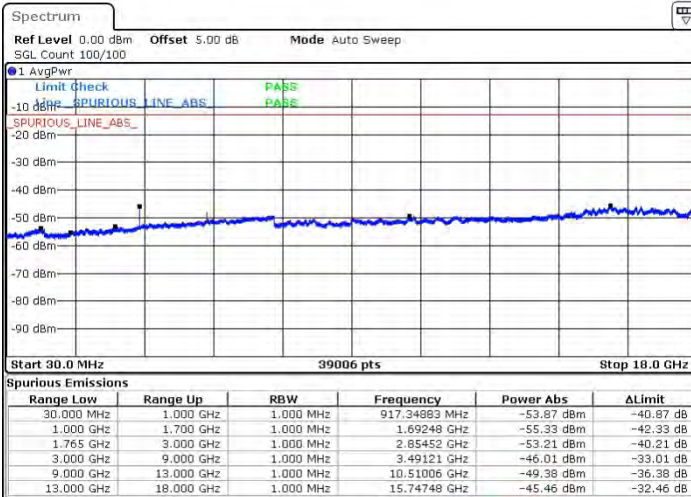
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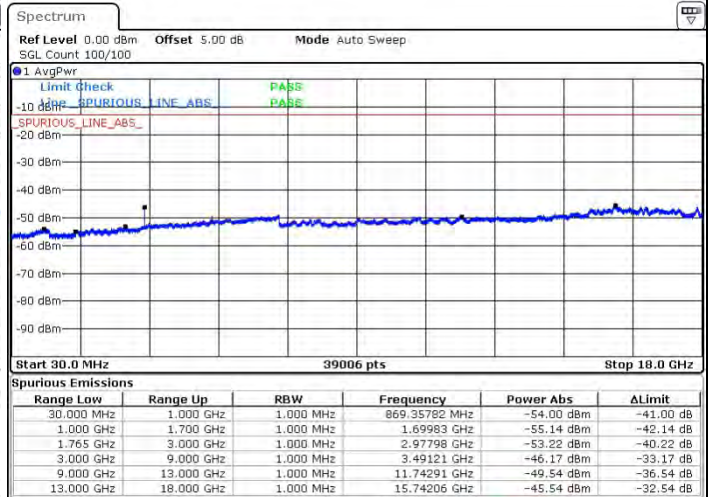
Date: 29 MAR 2015 14:21:10

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAR 2015 14:23:15



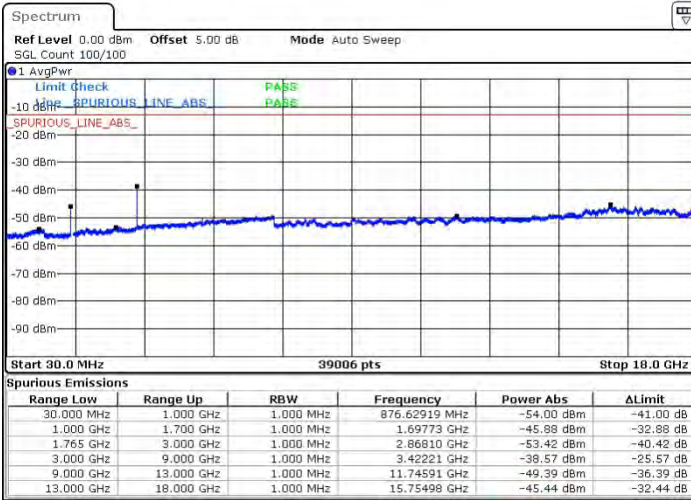
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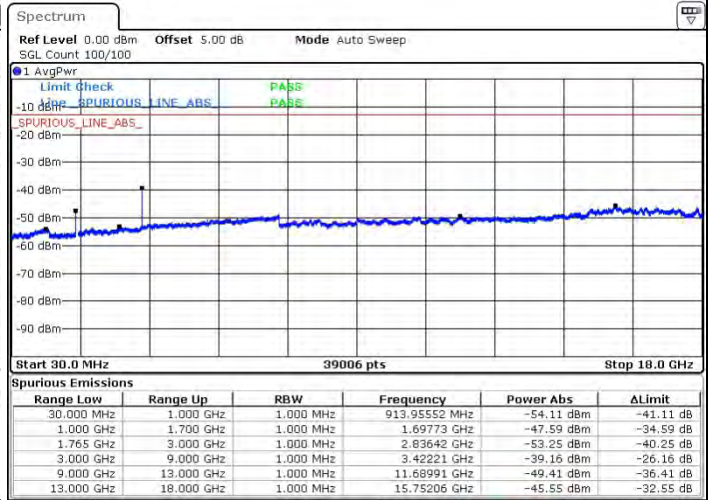
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



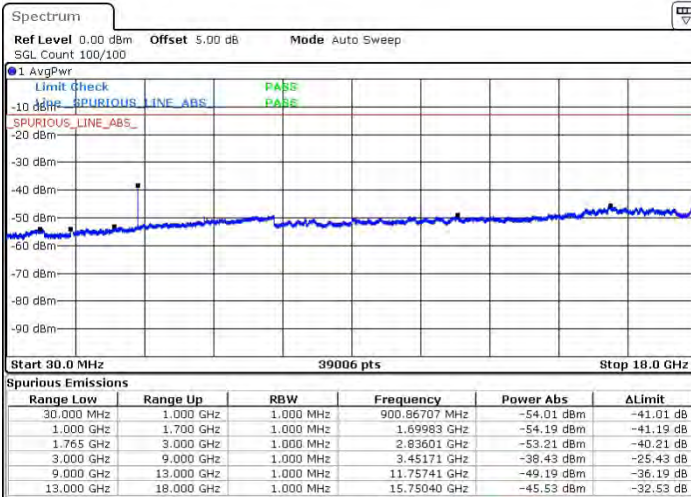
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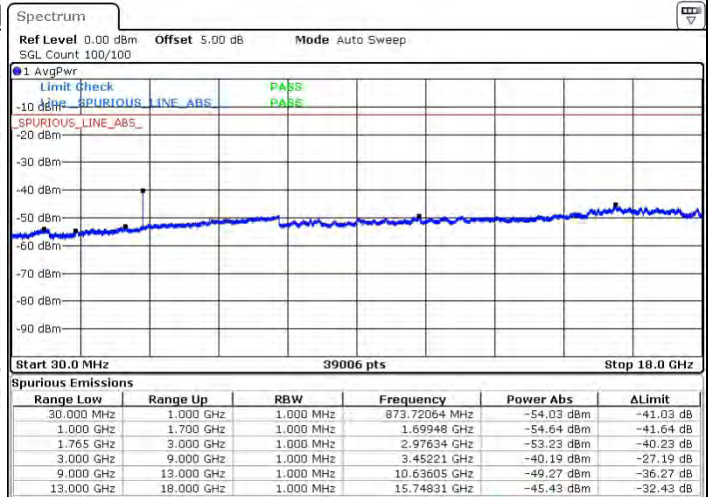
Date: 29 MAR 2015 14:28:00

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29 MAR 2015 14:30:03



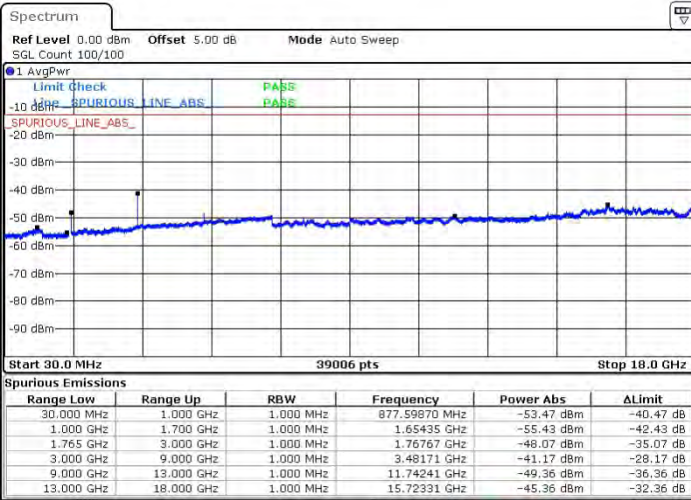
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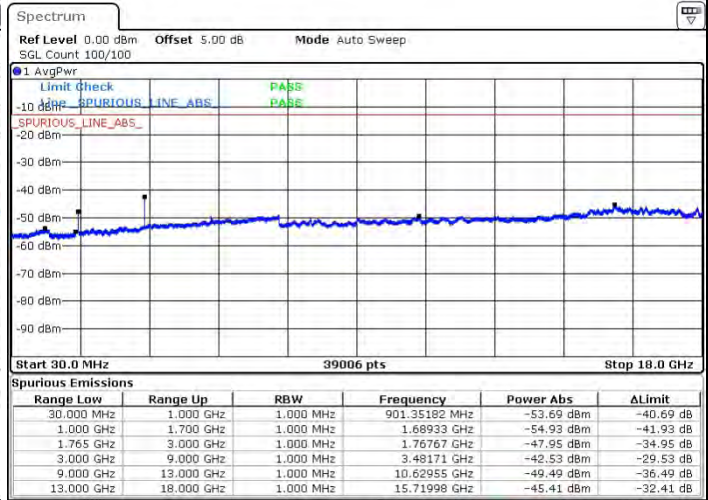
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAR 2015 14:33:30

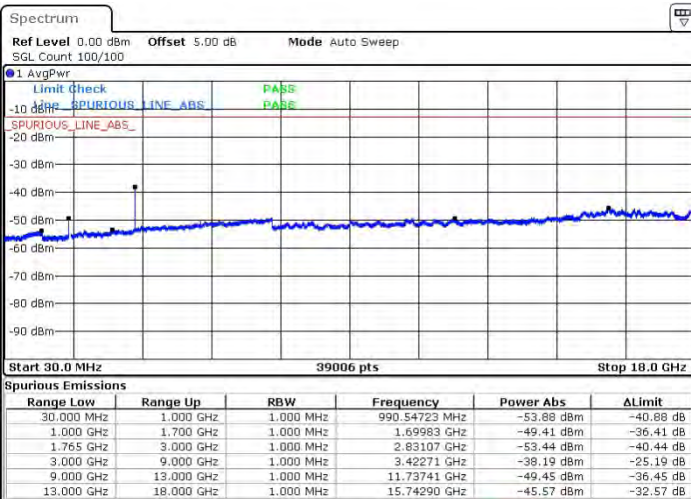


Date: 29 MAR 2015 14:34:48

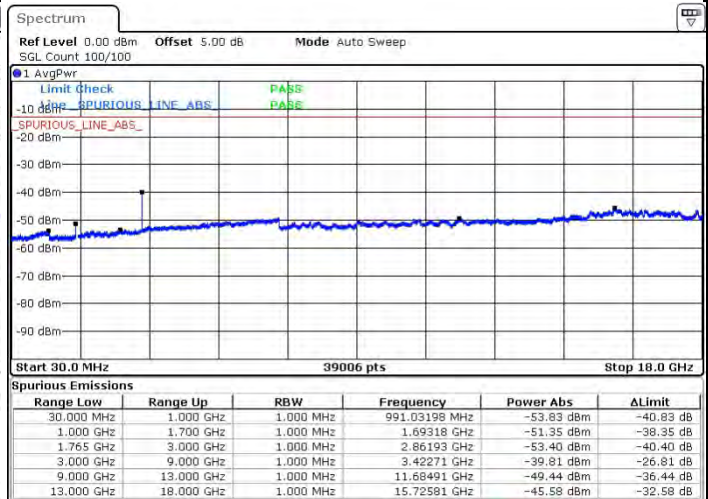
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 29 MAR 2015 14:36:50



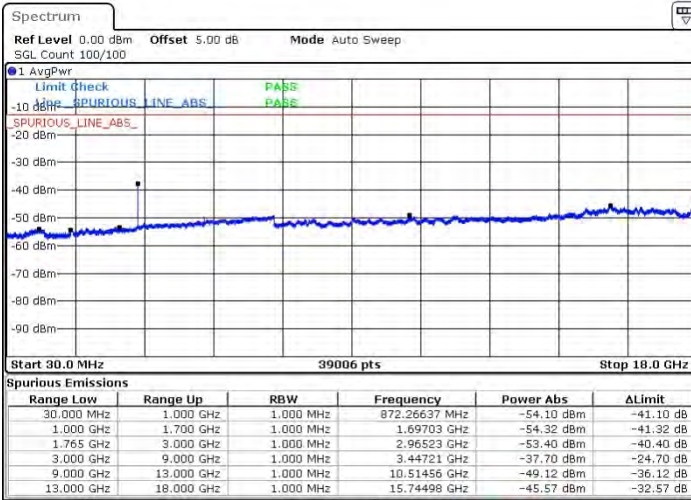
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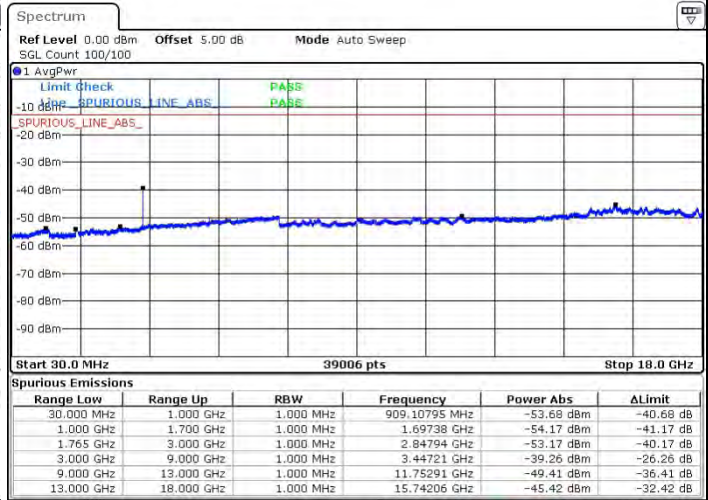
LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



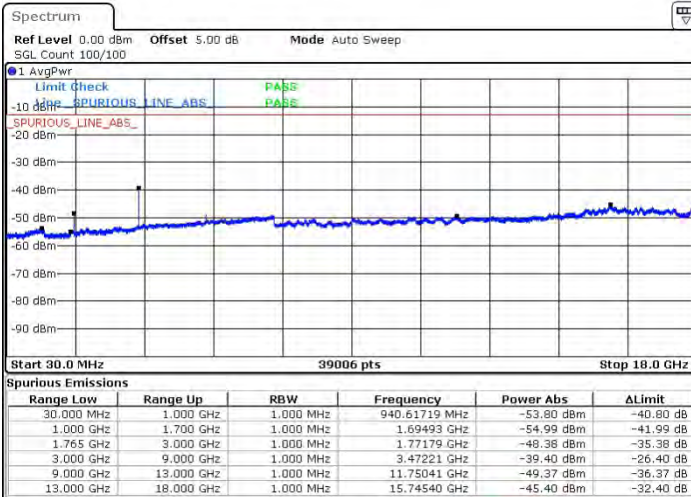
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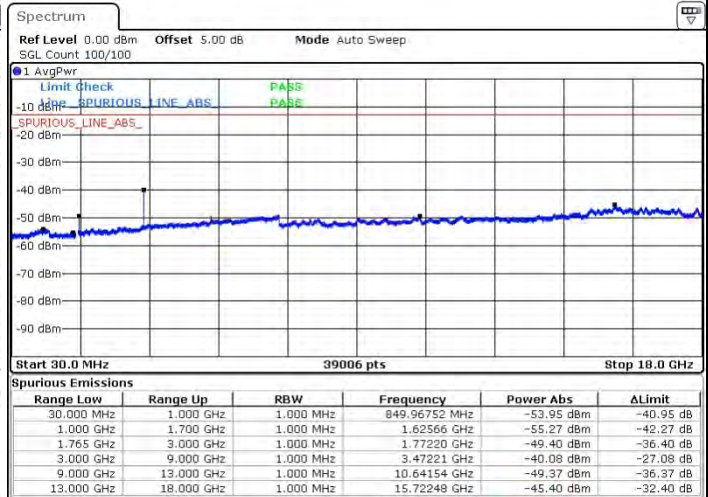
Date: 29 MAR 2015 14:41:36

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAR 2015 14:43:40



Date: 29 MAR 2015 14:45:02

**Frequency Stability**

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0065	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0085	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0033	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.