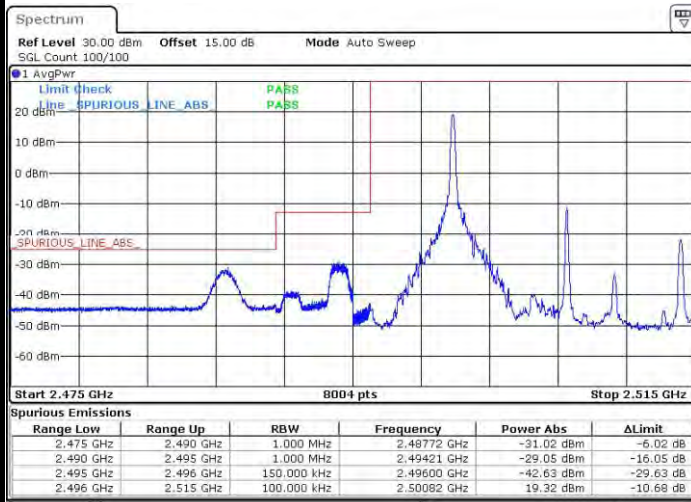




LTE Band 7 / 15MHz / QPSK

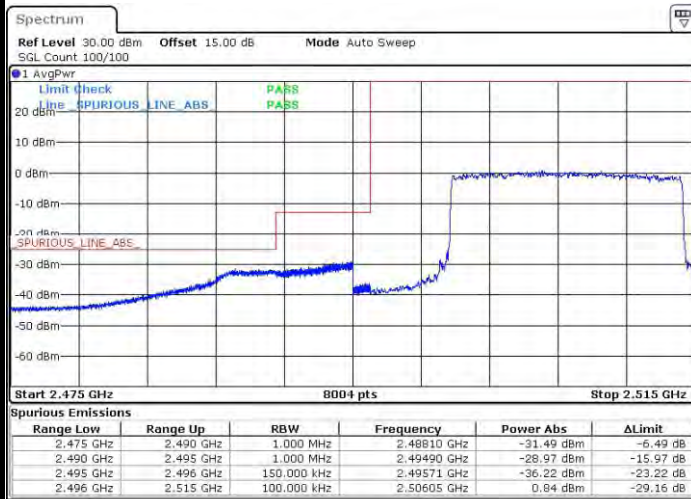
Lowest Band Edge / 1 RB



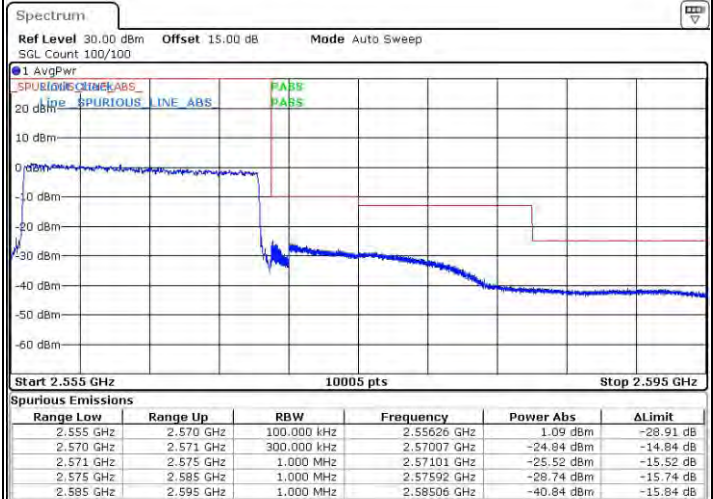
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



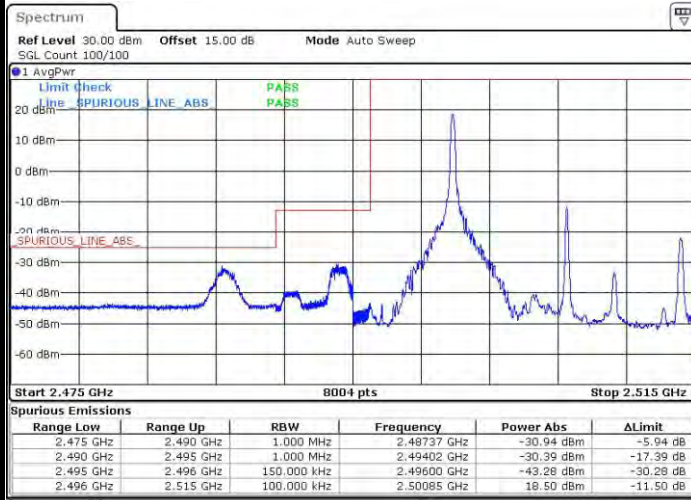
Highest Band Edge / Full RB





LTE Band 7 / 15MHz / 16QAM

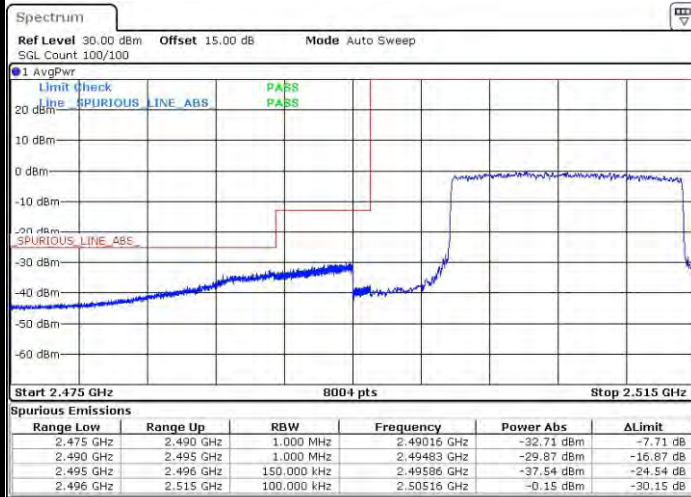
Lowest Band Edge / 1 RB



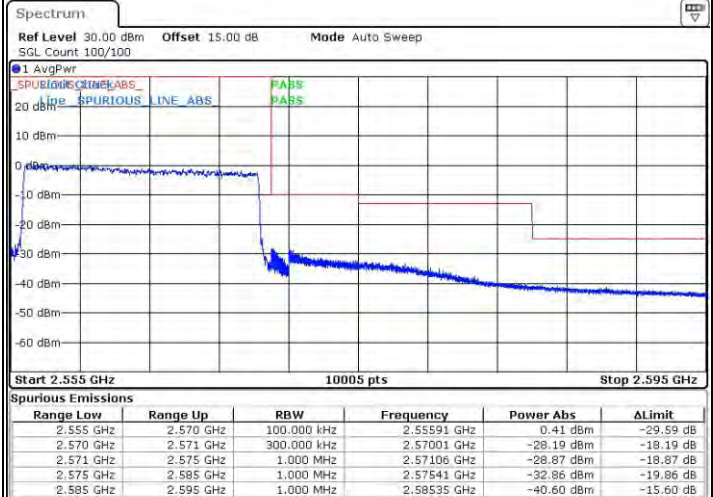
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



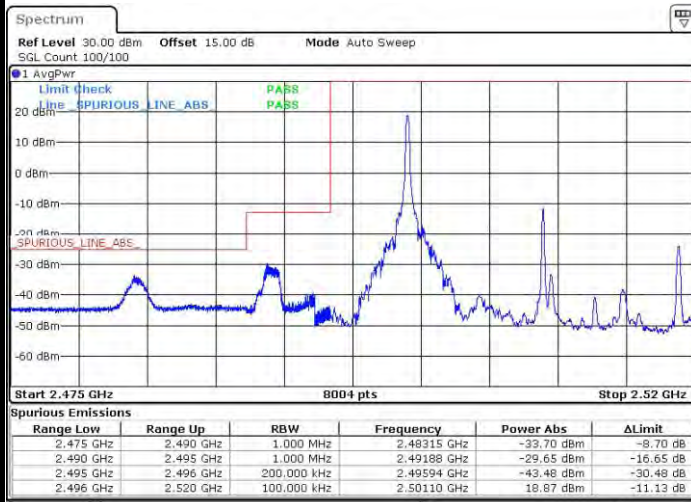
Highest Band Edge / Full RB



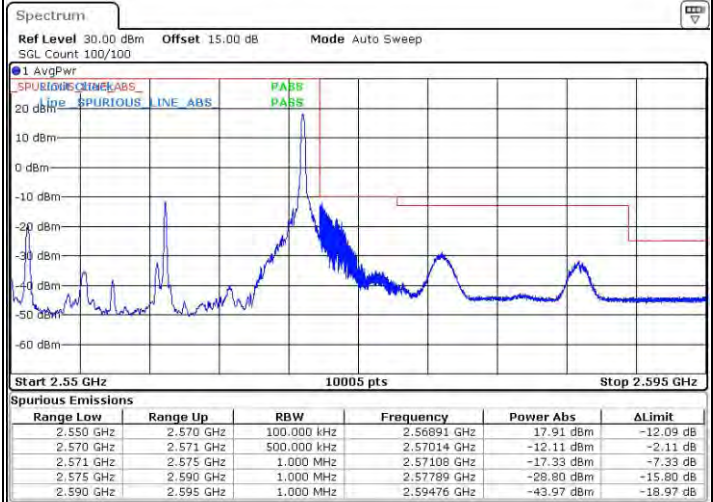


LTE Band 7 / 20MHz / QPSK

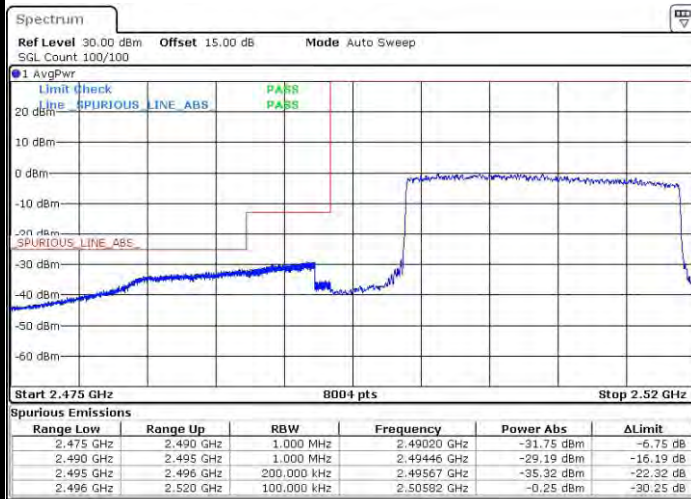
Lowest Band Edge / 1 RB



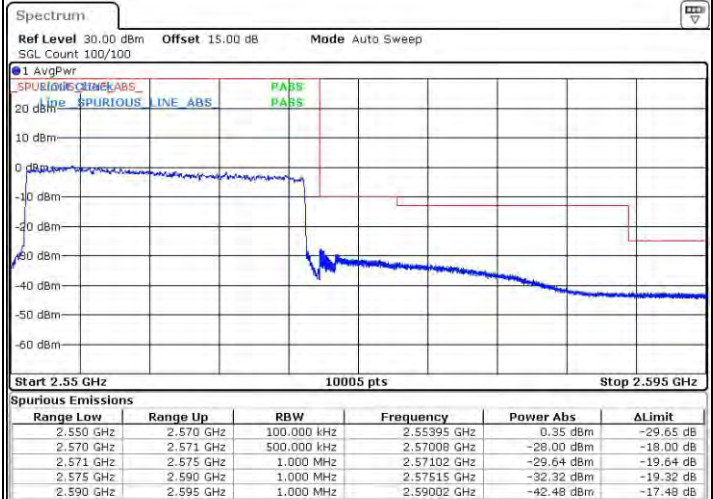
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



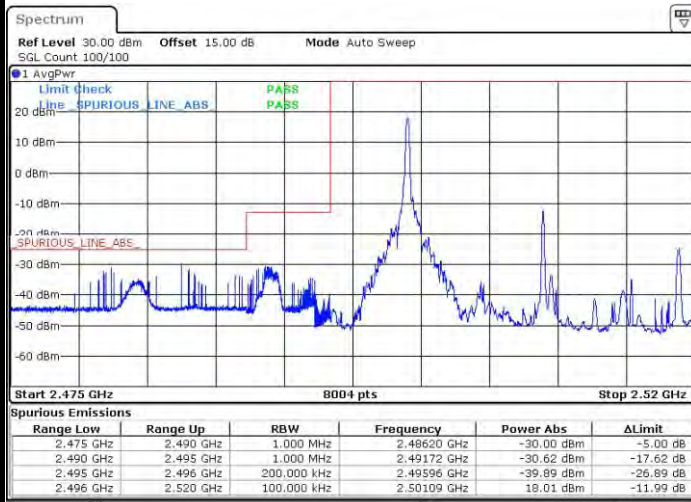
Highest Band Edge / Full RB



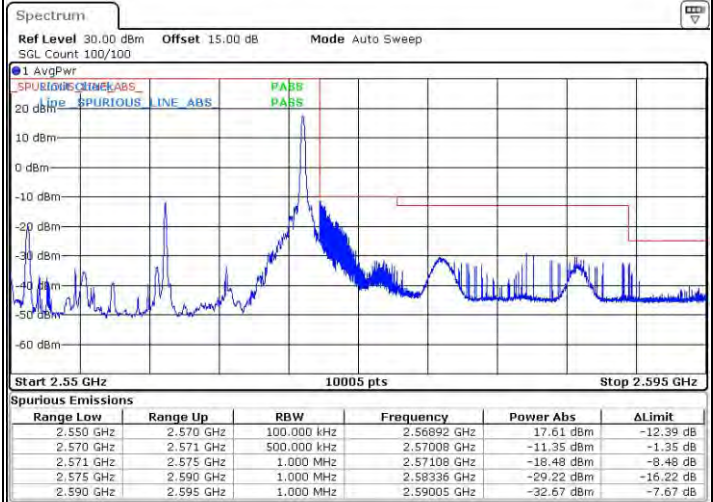


LTE Band 7 / 20MHz / 16QAM

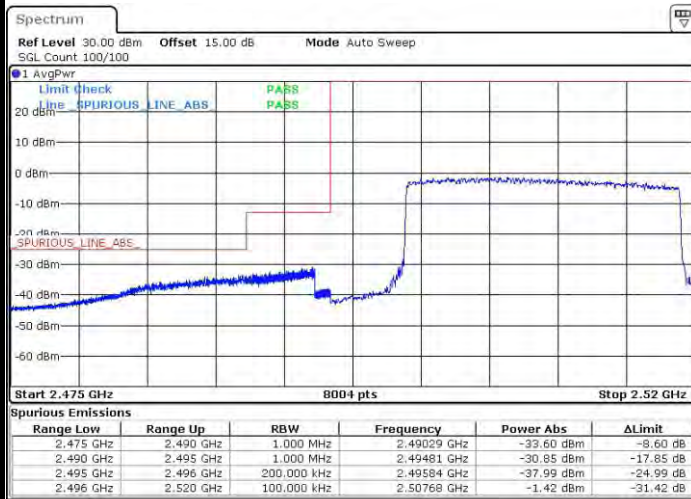
Lowest Band Edge / 1 RB



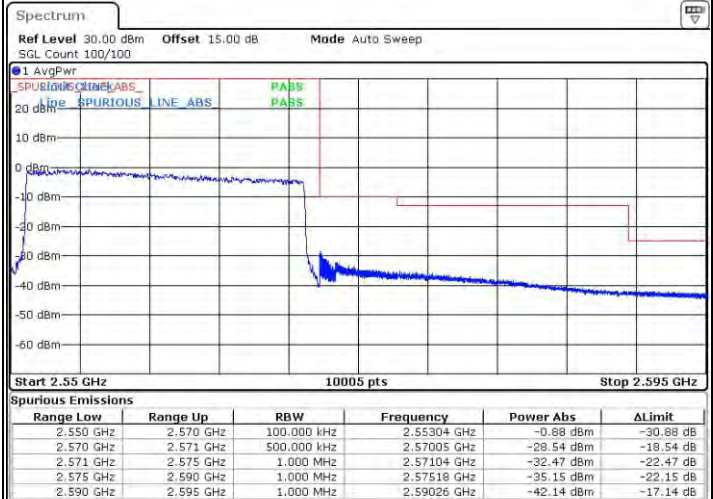
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

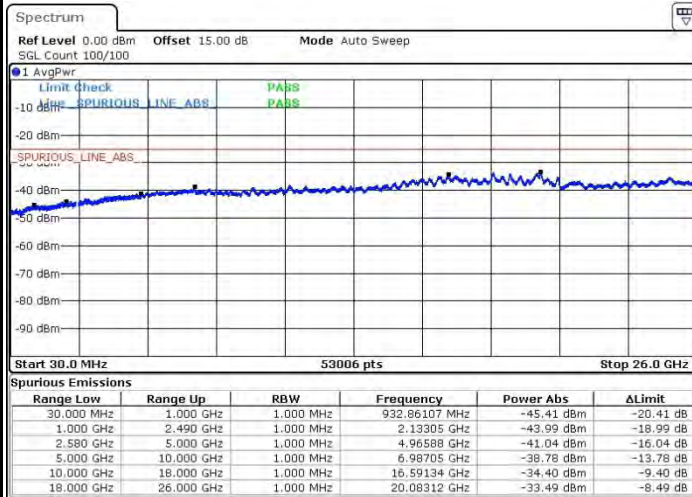




Conducted Spurious Emission

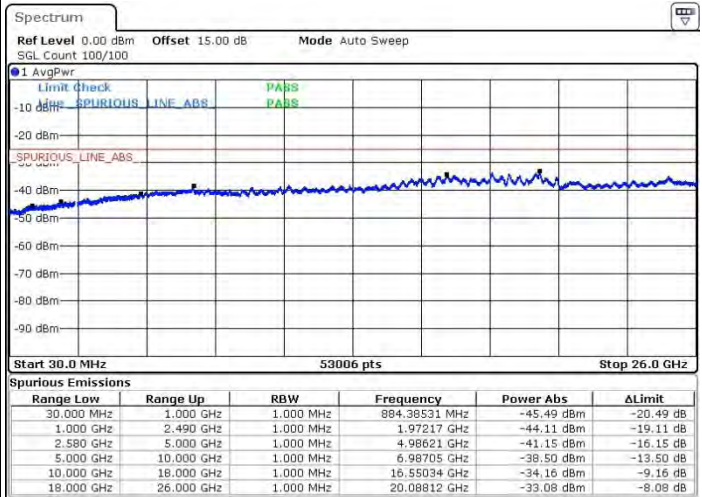
LTE Band 7 / 5MHz

Lowest Channel / QPSK



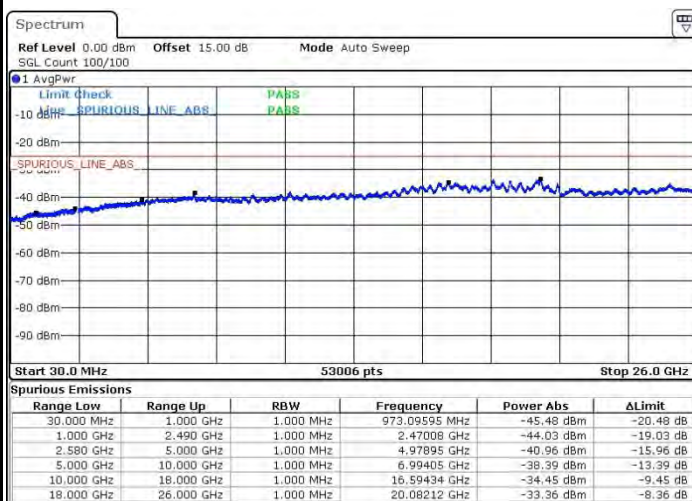
Date: 25.SEP.2015 17:15:44

Lowest Channel / 16QAM



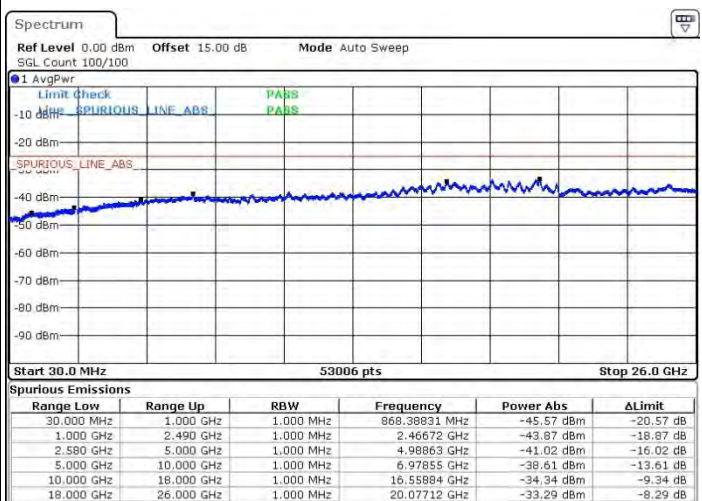
Date: 25.SEP.2015 17:17:41

Middle Channel / QPSK



Date: 25.SEP.2015 17:20:34

Middle Channel / 16QAM

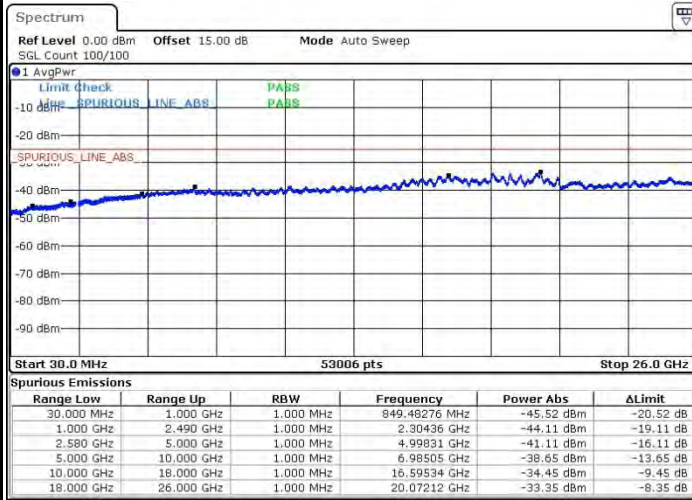


Date: 25.SEP.2015 17:18:33



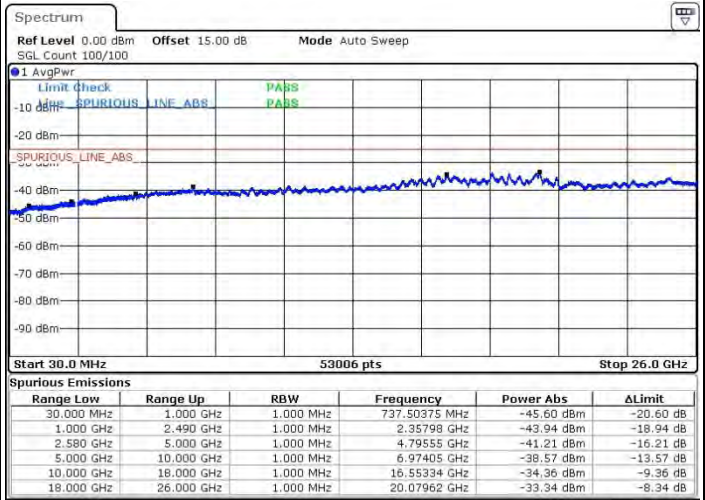
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 25.SEP.2015 17:21:36

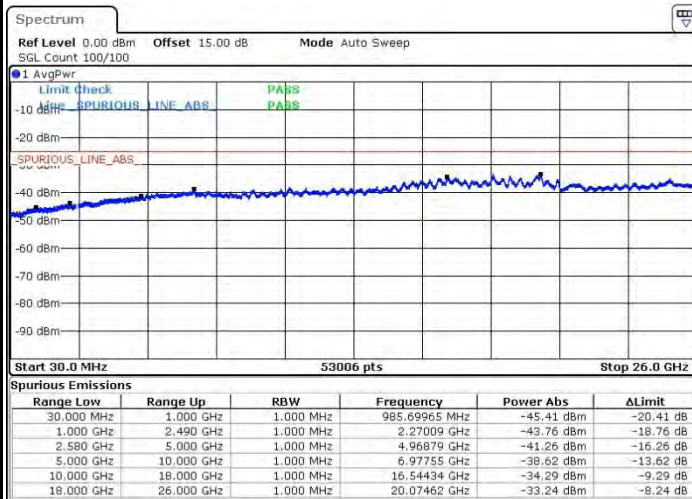
Highest Channel / 16QAM



Date: 25.SEP.2015 17:22:47

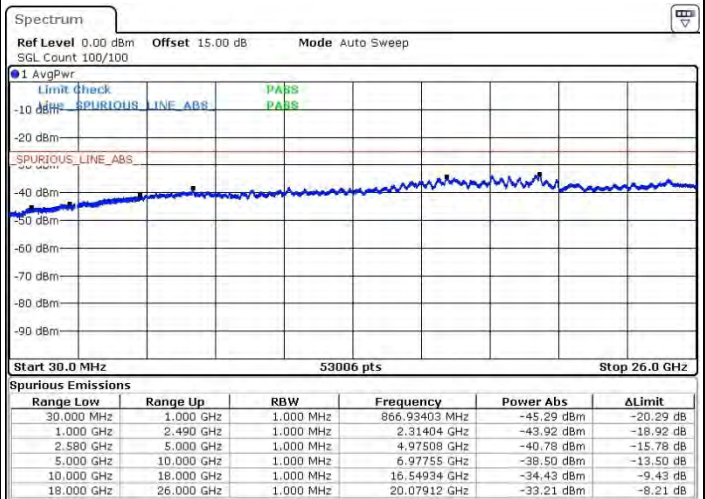
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 25.SEP.2015 17:24:55

Lowest Channel / 16QAM

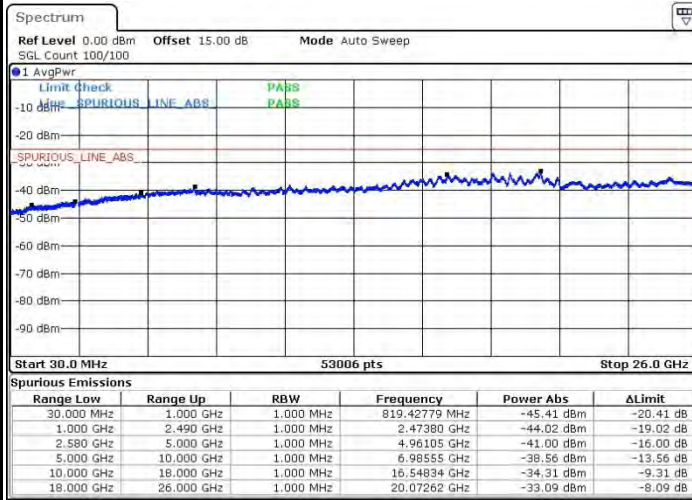


Date: 25.SEP.2015 17:24:00



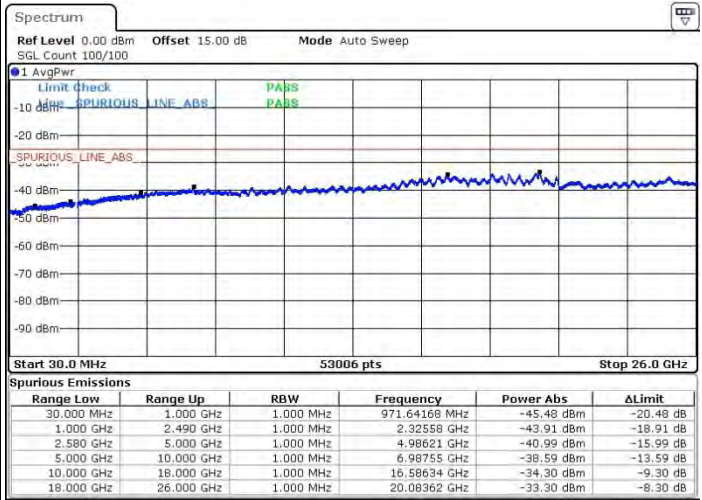
LTE Band 7 / 10MHz

Middle Channel / QPSK



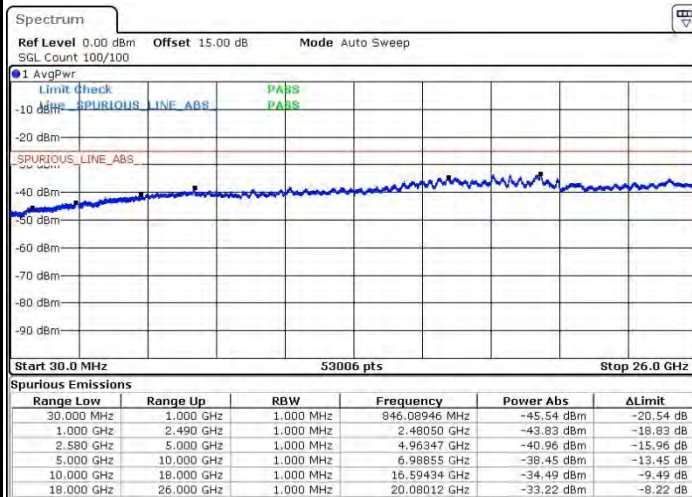
Date: 25.SEP.2015 17:26:41

Middle Channel / 16QAM



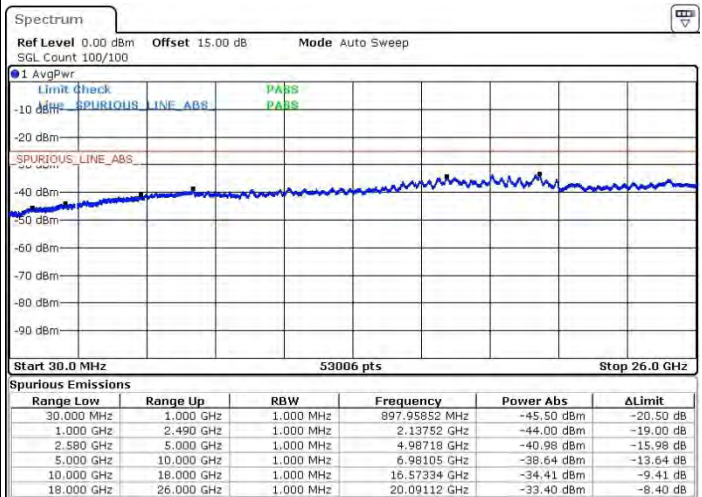
Date: 25.SEP.2015 17:27:43

Highest Channel / QPSK



Date: 25.SEP.2015 17:34:56

Highest Channel / 16QAM

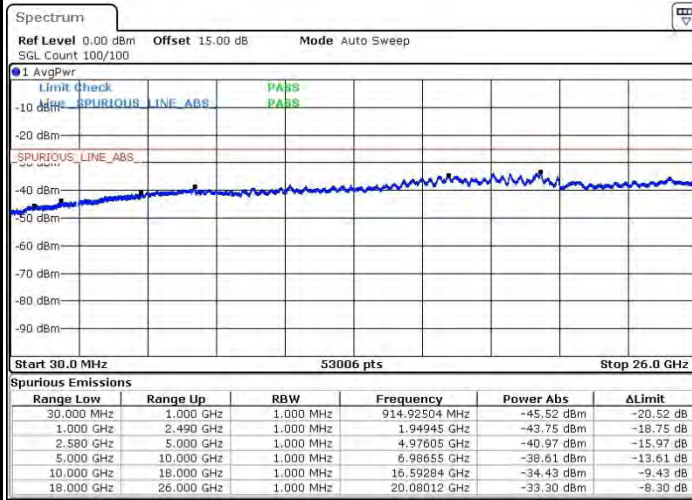


Date: 25.SEP.2015 17:33:22



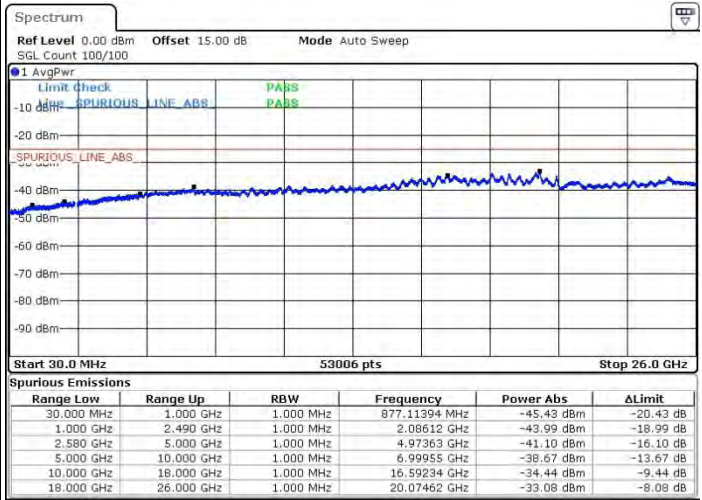
LTE Band 7 / 15MHz

Lowest Channel / QPSK



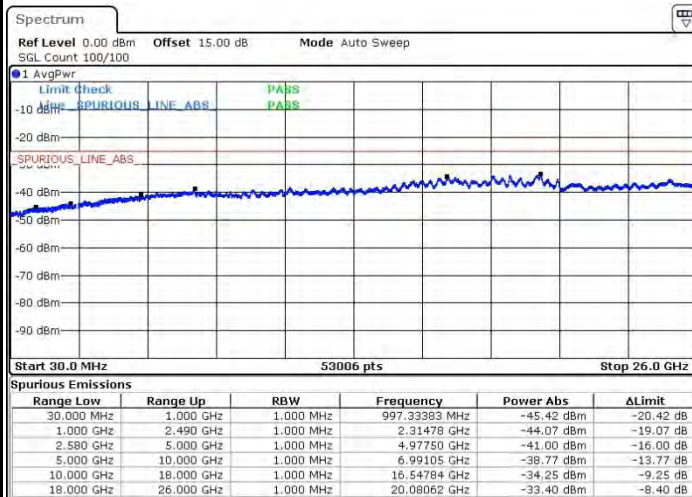
Date: 25.SEP.2015 17:38:04

Lowest Channel / 16QAM



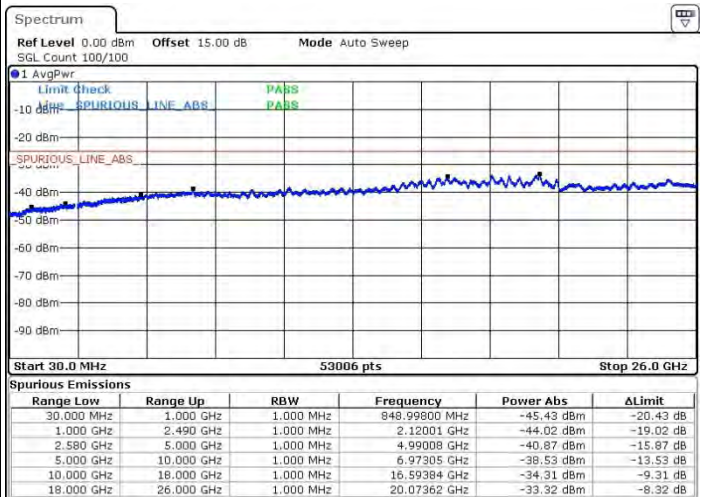
Date: 25.SEP.2015 17:36:04

Middle Channel / QPSK



Date: 25.SEP.2015 17:39:43

Middle Channel / 16QAM

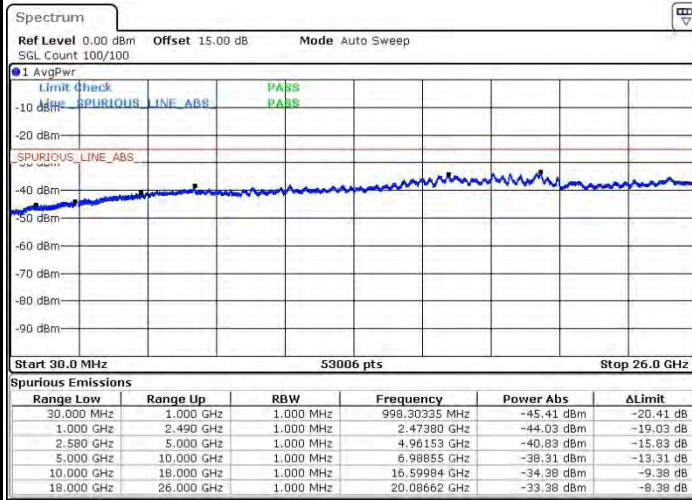


Date: 25.SEP.2015 17:41:53



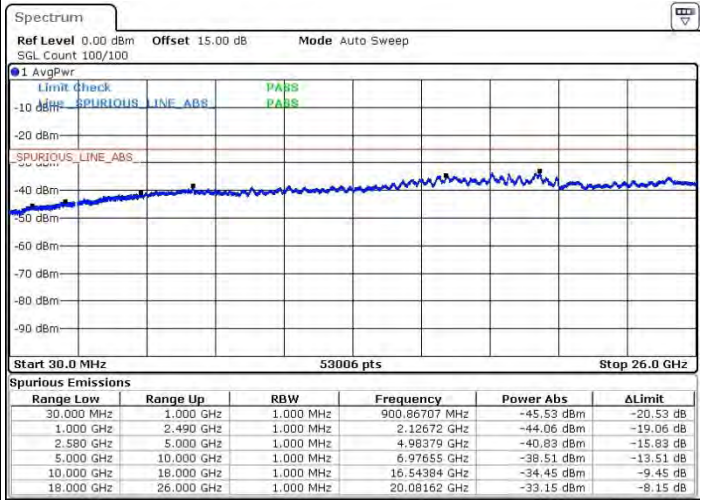
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 25.SEP.2015 17:44:45

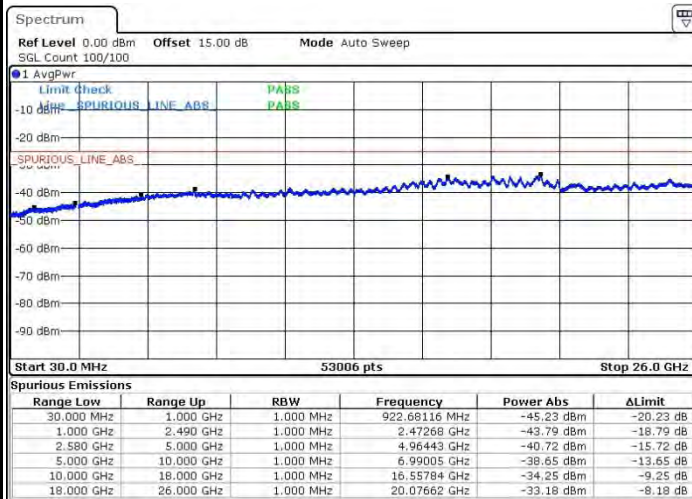
Highest Channel / 16QAM



Date: 25.SEP.2015 17:43:47

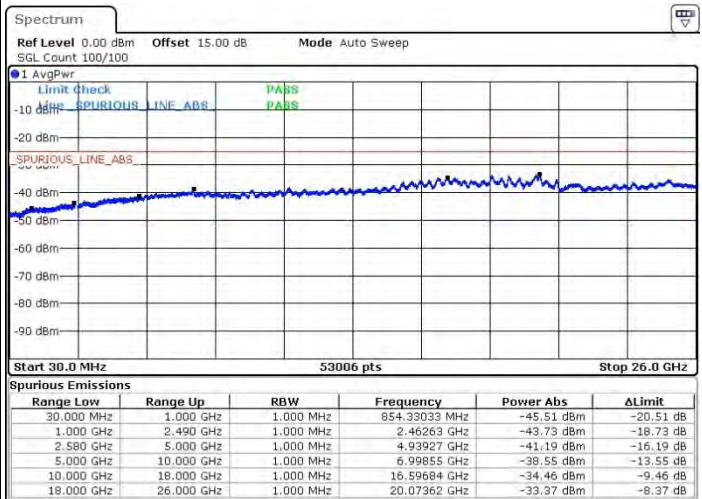
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 25.SEP.2015 17:46:53

Lowest Channel / 16QAM

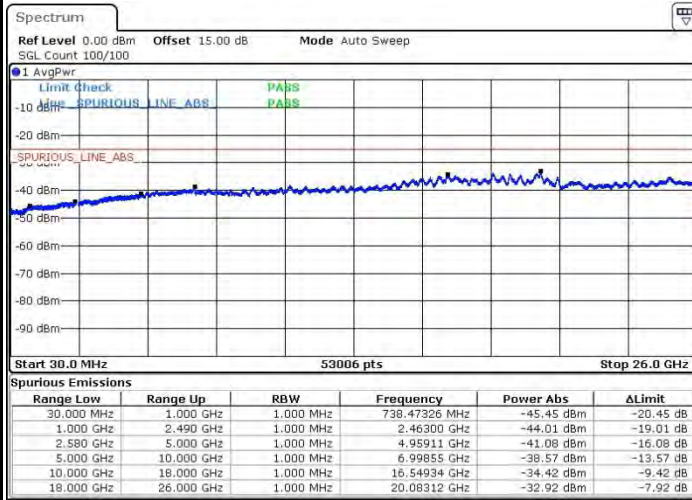


Date: 25.SEP.2015 17:47:54



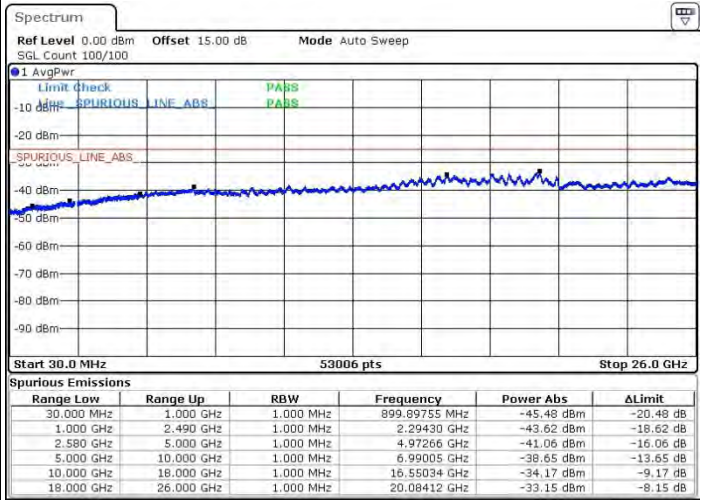
LTE Band 7 / 20MHz

Middle Channel / QPSK



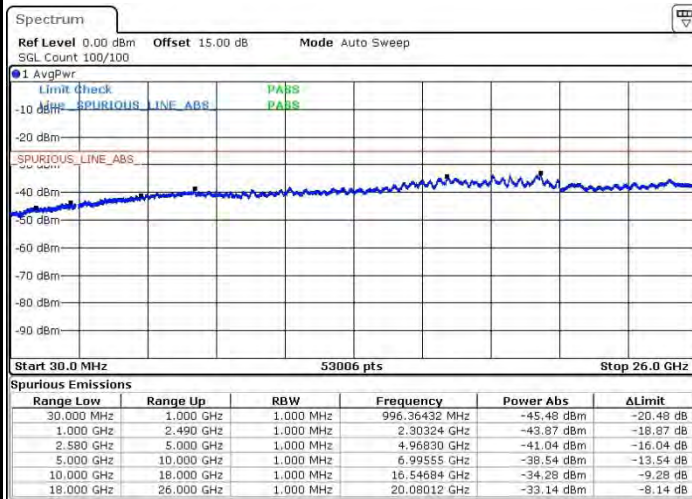
Date: 25.SEP.2015 17:50:52

Middle Channel / 16QAM



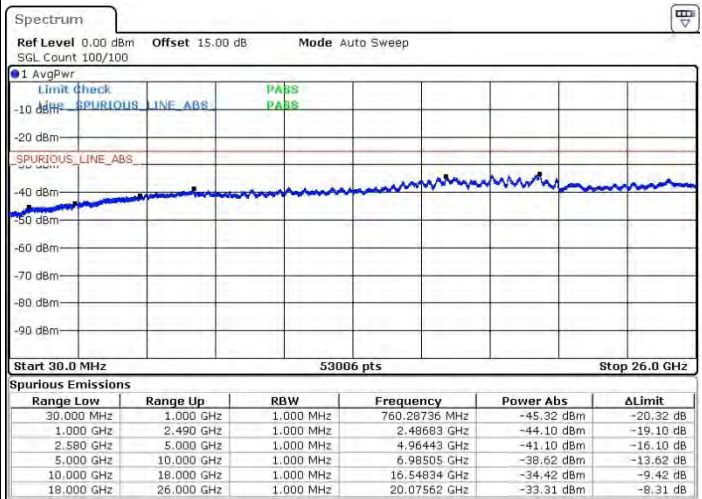
Date: 25.SEP.2015 17:49:36

Highest Channel / QPSK



Date: 25.SEP.2015 17:52:25

Highest Channel / 16QAM



Date: 25.SEP.2015 17:53:59

**Frequency Stability**

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0101	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0112	
-10	Normal Voltage	0.0122	
-20	Normal Voltage	0.0133	
-30	Normal Voltage	0.0144	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



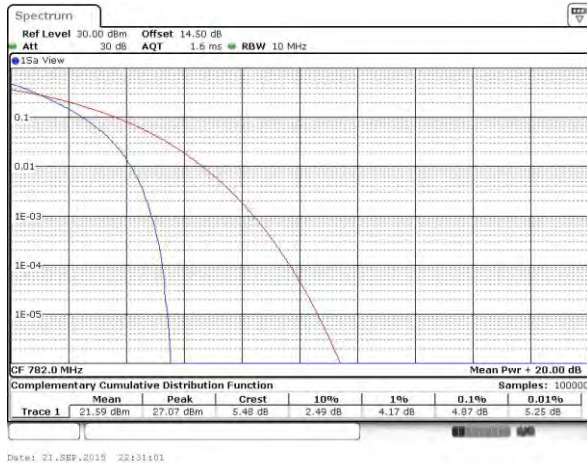
LTE Band 13

Conducted Output Power(Average power)

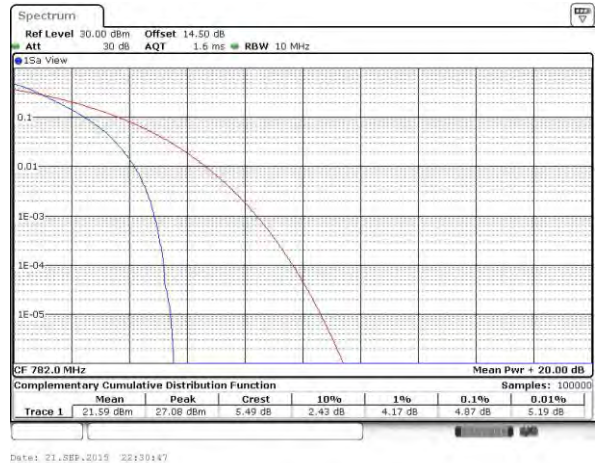
LTE Band 13 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.54	22.57	22.52
5	1	12		22.68	22.61	22.52
5	1	24		22.61	22.54	22.49
5	12	0		21.66	21.68	21.70
5	12	7		21.63	21.72	21.76
5	12	13		21.66	21.71	21.72
5	25	0		21.65	21.64	21.70
5	1	0	16-QAM	22.08	22.11	21.92
5	1	12		22.22	22.37	21.90
5	1	24		22.21	22.08	21.75
5	12	0		20.80	20.85	20.91
5	12	7		20.78	20.82	21.00
5	12	13		20.80	20.80	20.83
5	25	0		20.84	20.79	20.83
10	1	0	QPSK		22.75	
10	1	25			22.31	
10	1	49			22.26	
10	25	0			21.69	
10	25	12			21.66	
10	25	25			21.67	
10	50	0			21.71	
10	1	0	16-QAM		21.57	
10	1	25			21.79	
10	1	49			21.30	
10	25	0			20.83	
10	25	12			20.76	
10	25	25			20.81	
10	50	0			20.85	

**Peak-to-Average Ratio**

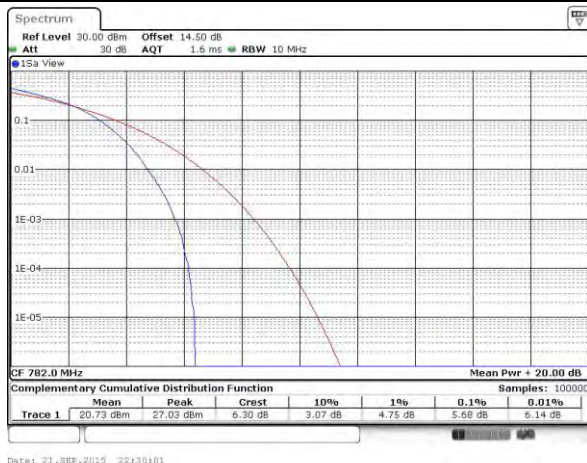
Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	4.87	4.87	5.68	5.65	
Highest CH	-	-	-	-	

LTE Band 13 / 10MHz / QPSK
Middle Channel/ 1RB


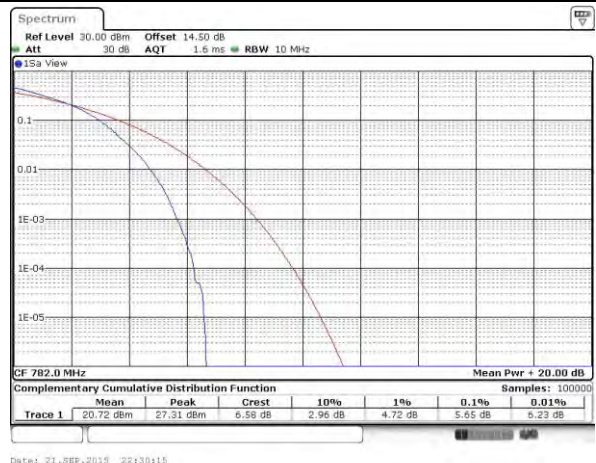
Date: 21.SEP.2015 22:31:01

Middle Channel / Full RB


Date: 21.SEP.2015 22:30:47

LTE Band 13 / 10MHz / 16QAM
Middle Channel/ 1RB


Date: 21.SEP.2015 22:30:01

Middle Channel / Full RB


Date: 21.SEP.2015 22:30:15

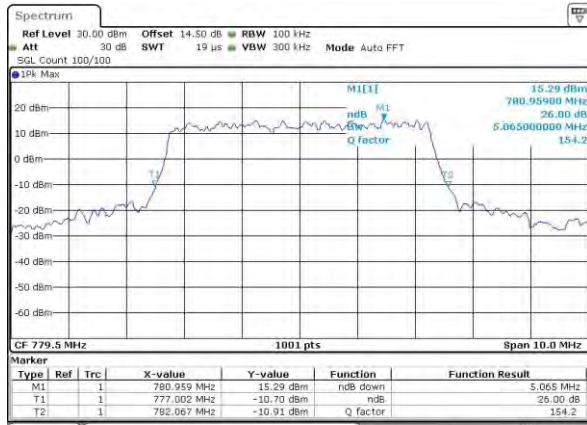
**26dB Bandwidth**

Mode	LTE Band 13 : 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	-	-	-	-	5.07	5.03	-	-	-	-	-	-
Middle CH	-	-	-	-	5.01	5.02	10.11	9.83	-	-	-	-
Highest CH	-	-	-	-	4.95	5.02	-	-	-	-	-	-



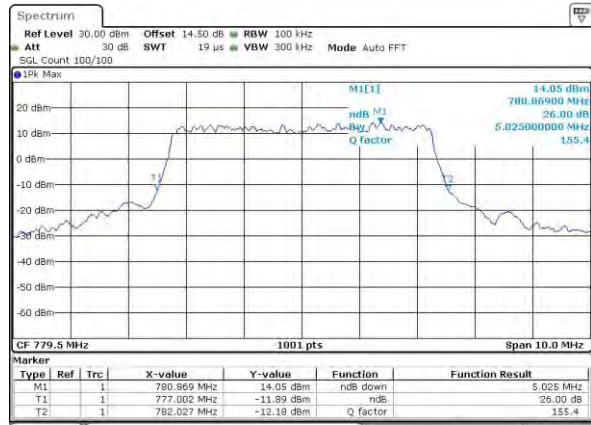
LTE Band 13

Lowest Channel / 5MHz / QPSK



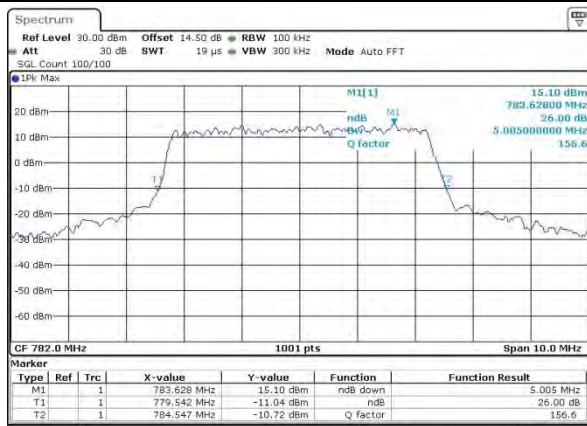
Date: 21.SEP.2015 21:34:10

Lowest Channel / 5MHz / 16QAM



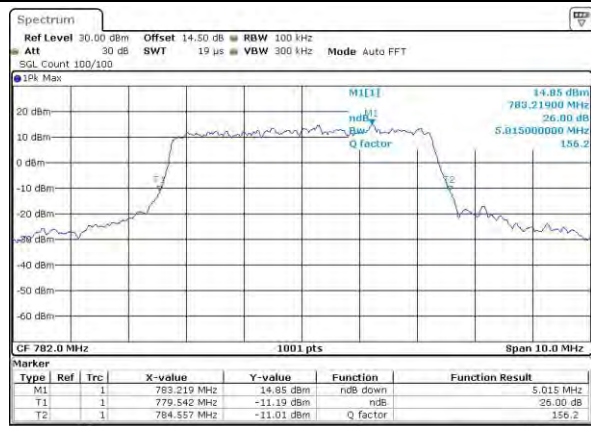
Date: 21.SEP.2015 21:34:07

Middle Channel / 5MHz / QPSK



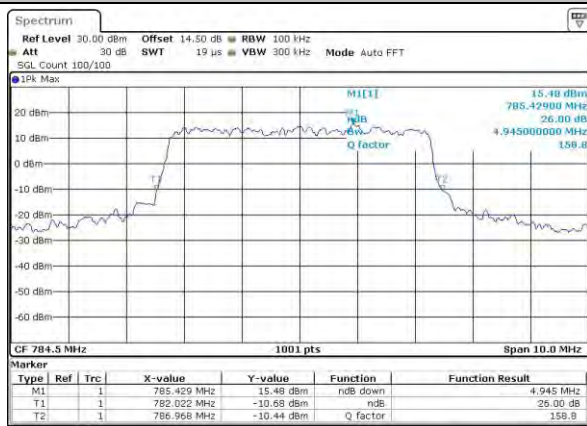
Date: 21.SEP.2015 22:03:13

Middle Channel / 5MHz / 16QAM



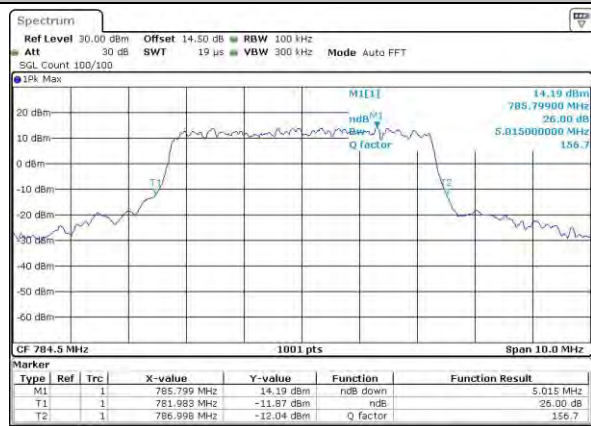
Date: 21.SEP.2015 22:03:43

Highest Channel / 5MHz / QPSK



Date: 21.SEP.2015 22:07:36

Highest Channel / 5MHz / 16QAM

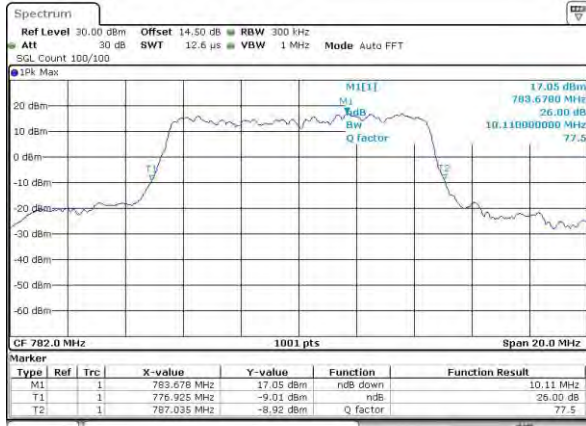


Date: 21.SEP.2015 22:06:18



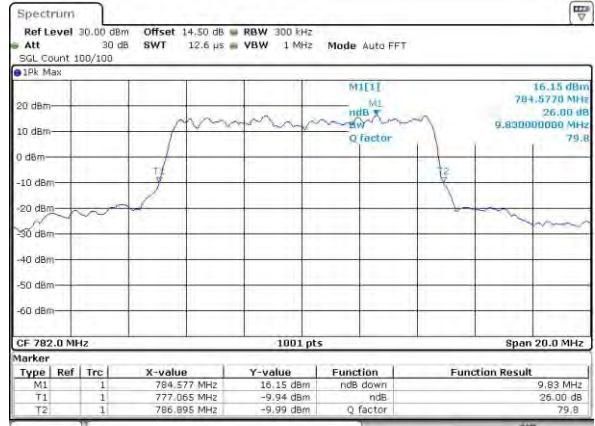
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 21.SEP.2015 08:18:43

Middle Channel / 10MHz / 16QAM



Date: 21.SEP.2015 08:19:49

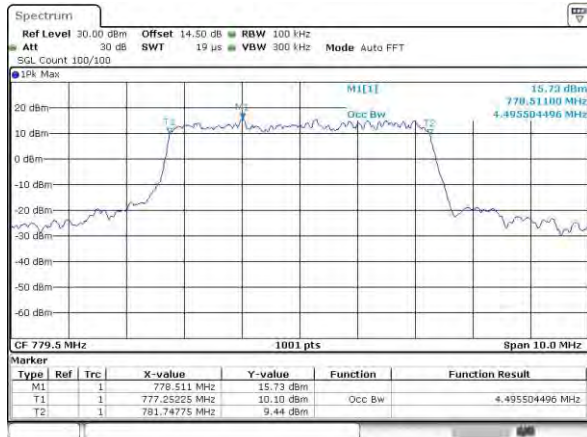
**Occupied Bandwidth**

Mode	LTE Band 13 : 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	-	-	-	-	4.50	4.53	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.48	9.05	9.05	-	-	-	-
Highest CH	-	-	-	-	4.48	4.48	-	-	-	-	-	-

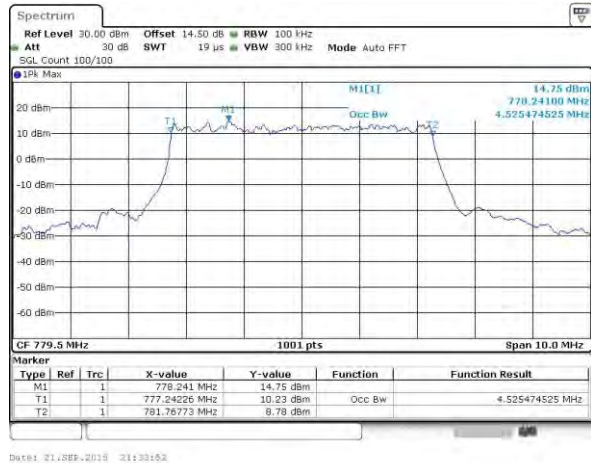


LTE Band 13

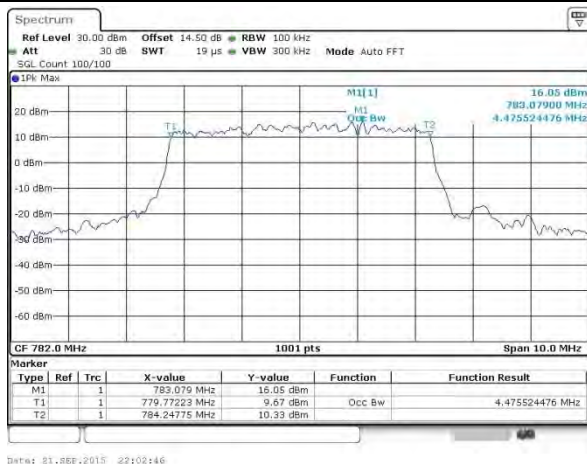
Lowest Channel / 5MHz / QPSK



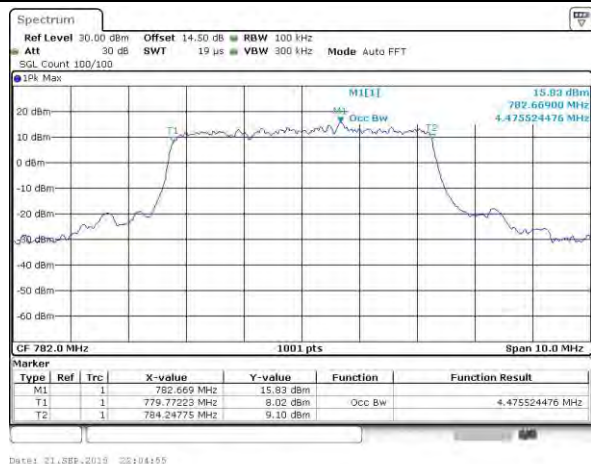
Lowest Channel / 5MHz / 16QAM



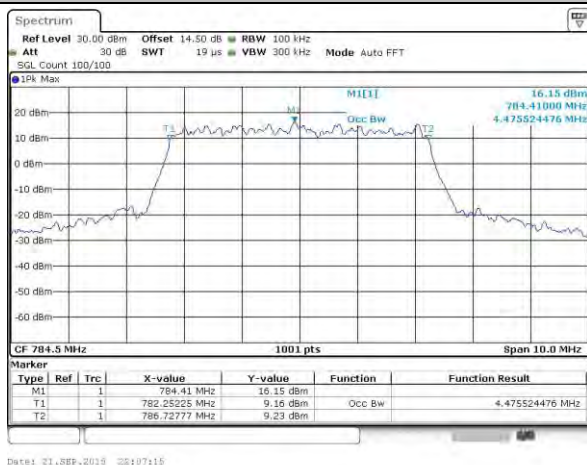
Middle Channel / 5MHz / QPSK



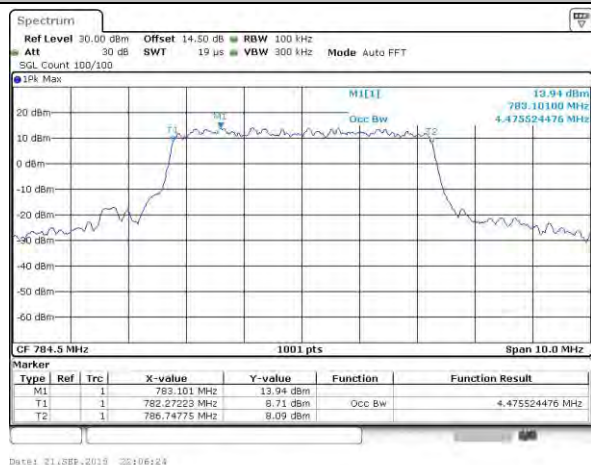
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



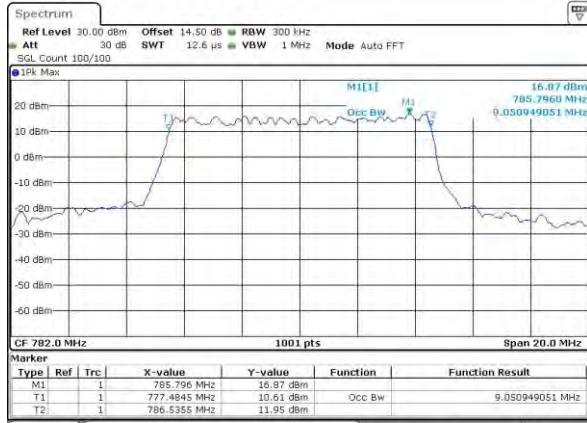
Highest Channel / 5MHz / 16QAM





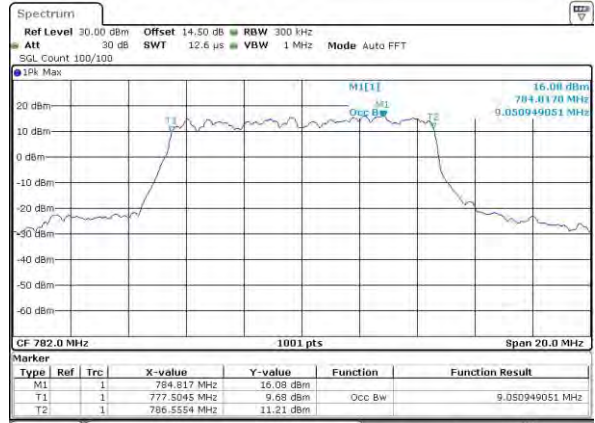
LTE Band 13

Middle Channel / 10MHz / QPSK

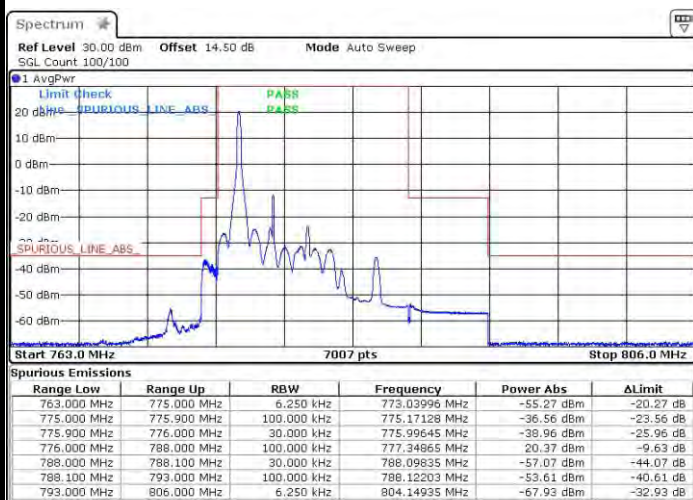
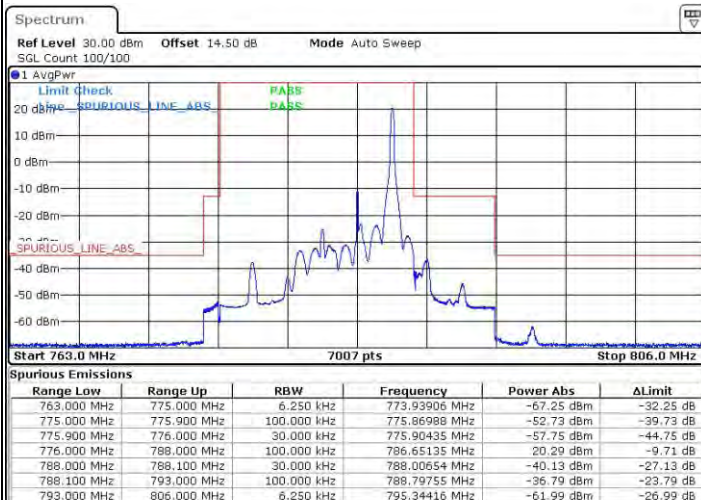
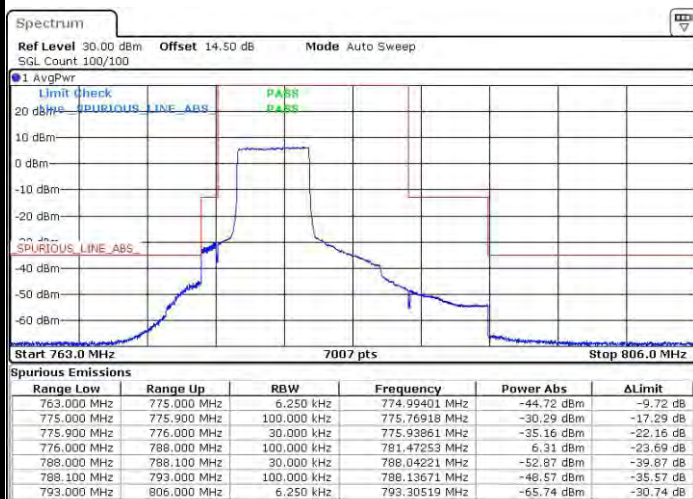
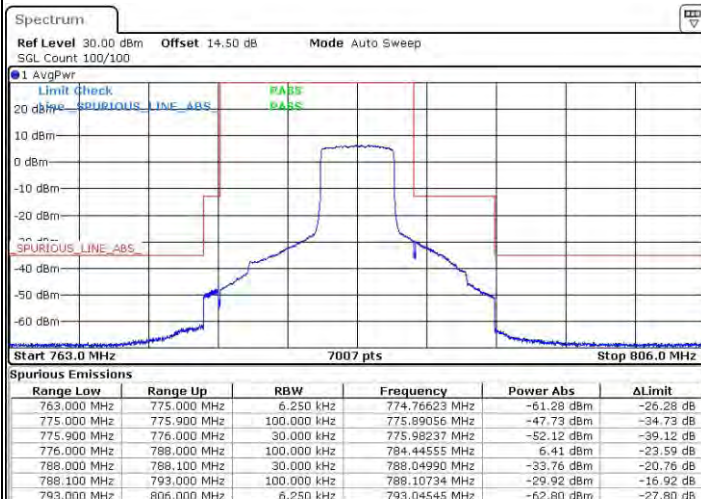


Date: 21.SEP.2015 08:18:30

Middle Channel / 10MHz / 16QAM



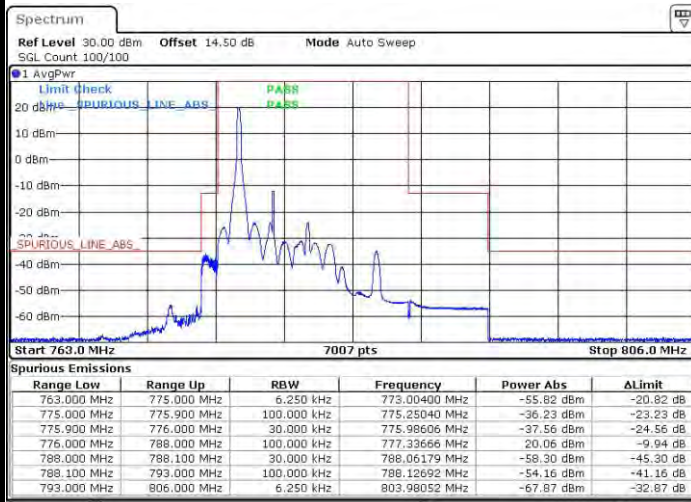
Date: 21.SEP.2015 08:19:31

**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



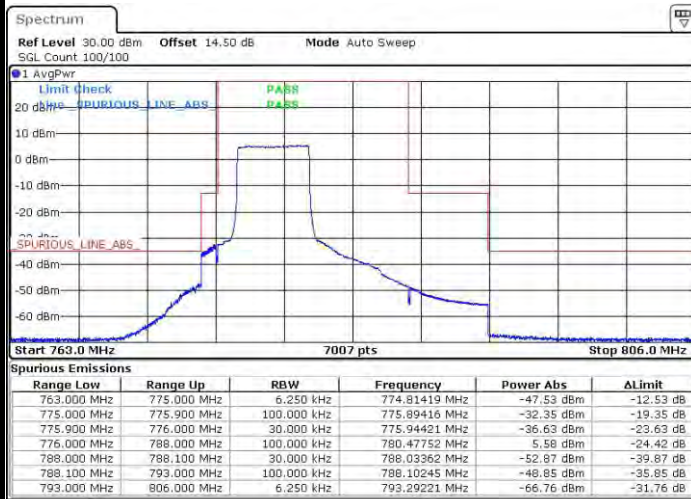
Date: 22.SEP.2015 00:35:58

Highest Band Edge / 1 RB



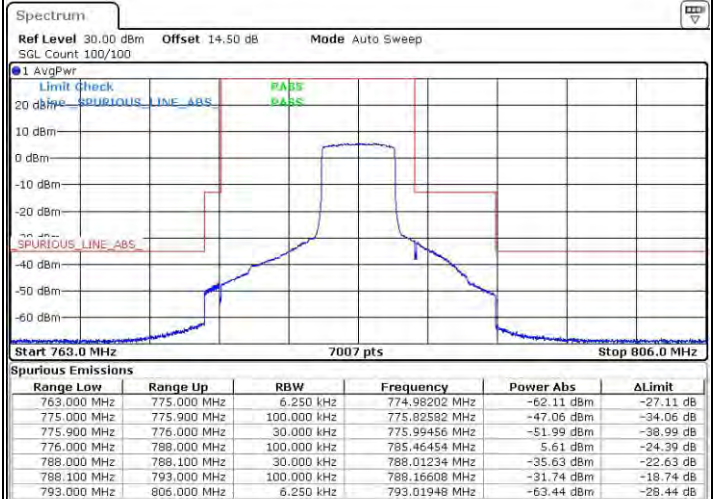
Date: 22.SEP.2015 00:37:57

Lowest Band Edge / Full RB



Date: 21.SEP.2015 22:01:02

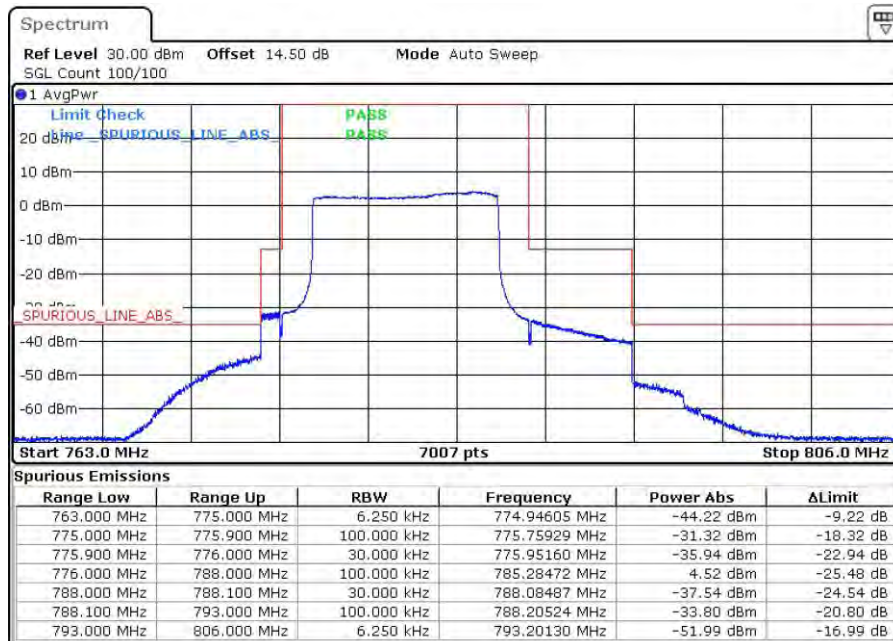
Highest Band Edge / Full RB



Date: 21.SEP.2015 22:14:10



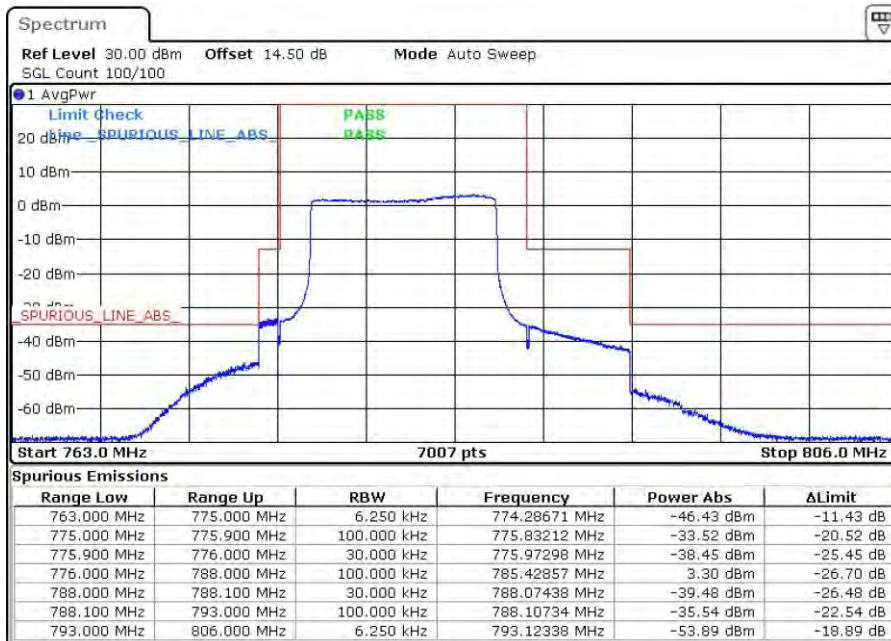
Band Edge / Full RB



Date: 21 SEP 2015 22:27:59



Band Edge / Full RB



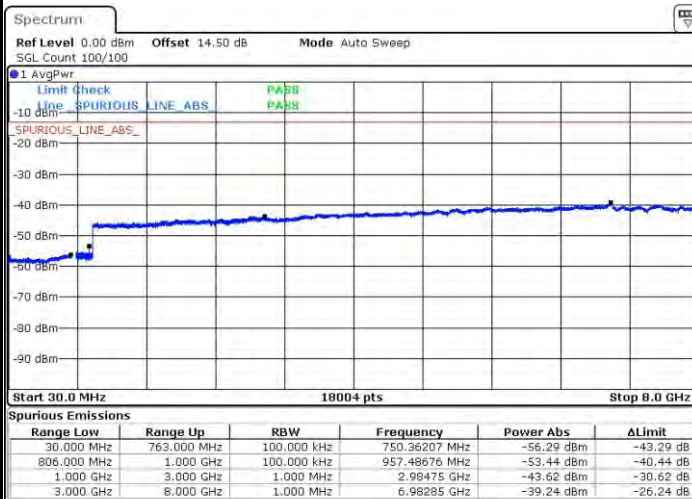
Date: 21 SEP 2015 22:21:50



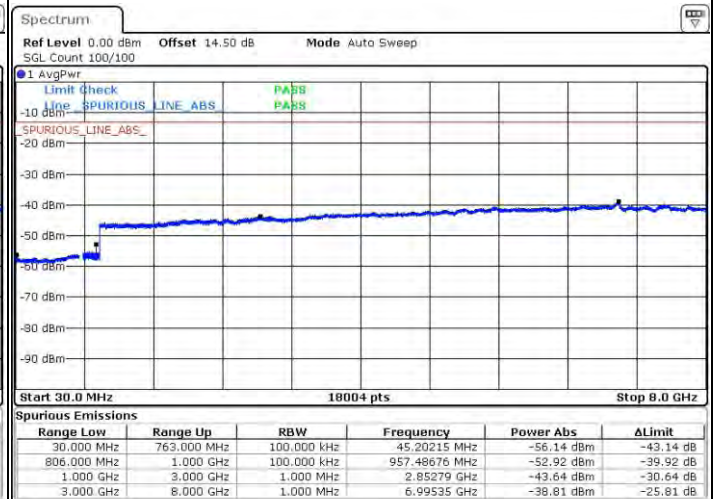
Conducted Spurious Emission

LTE Band 13 / 5MHz

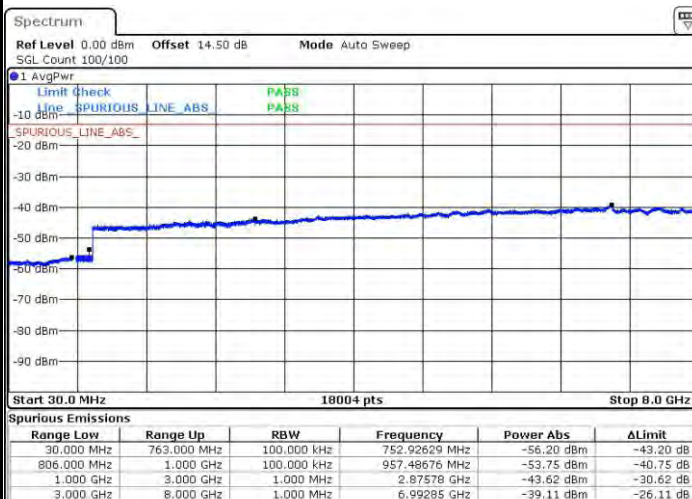
Lowest Channel / QPSK



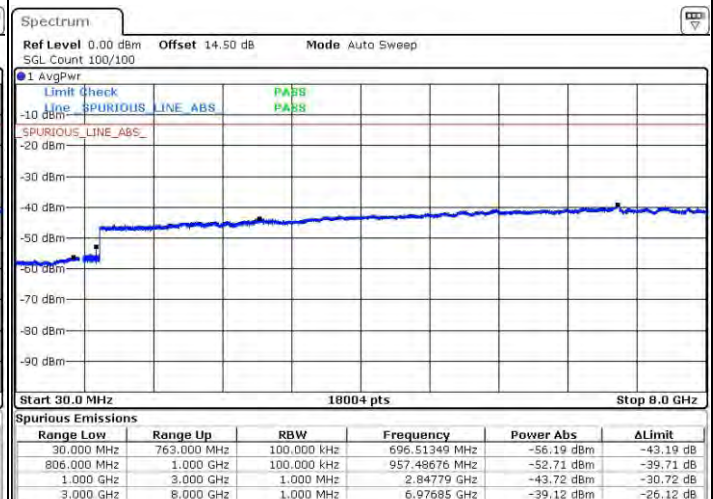
Lowest Channel / 16QAM



Middle Channel / QPSK



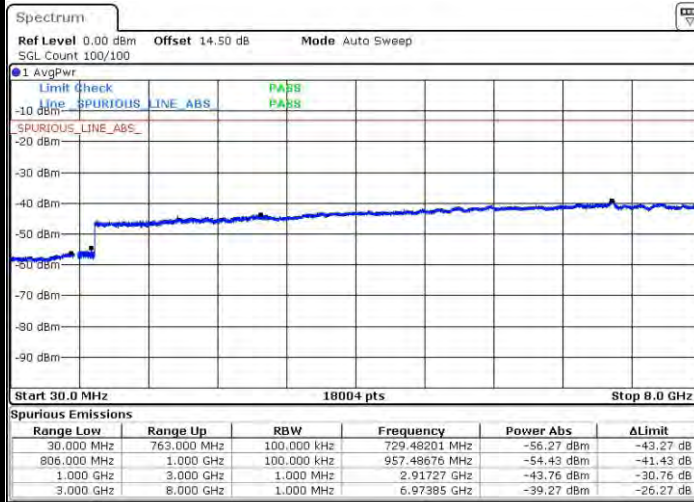
Middle Channel / 16QAM





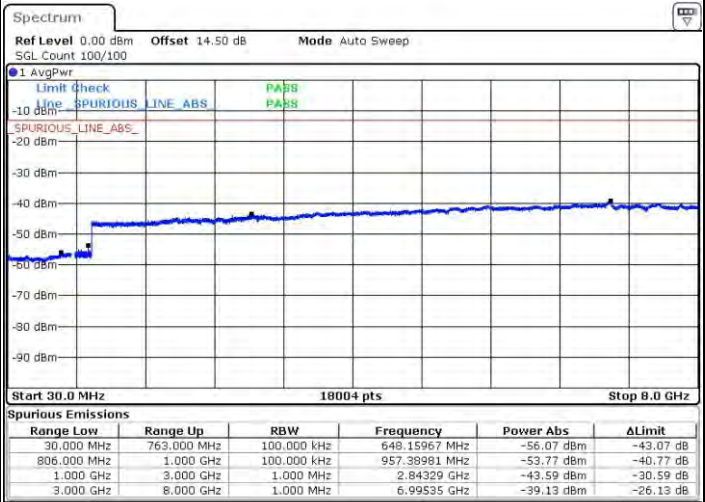
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 21.SEP.2015 22:16:16

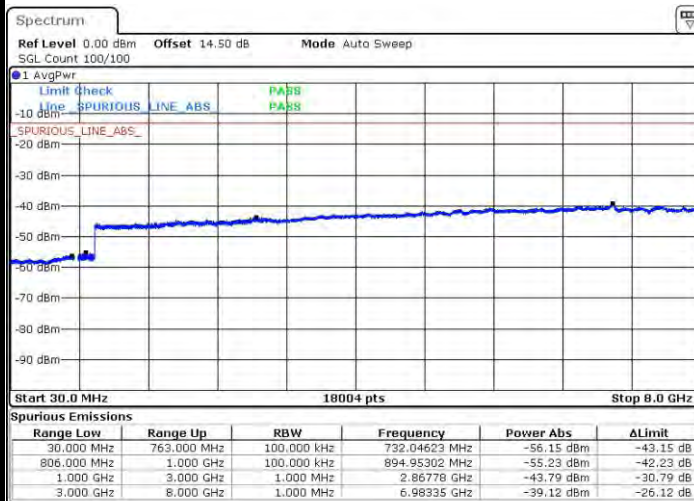
Highest Channel / 16QAM



Date: 21.SEP.2015 22:15:16

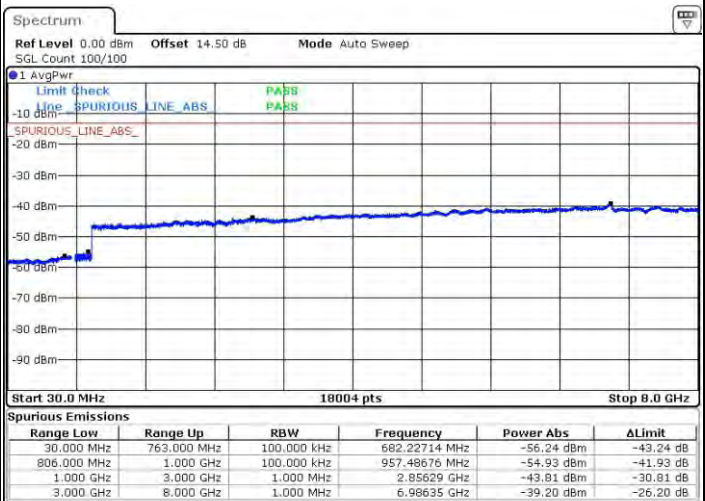
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 21.SEP.2015 22:29:19

Middle Channel / 16QAM



Date: 21.SEP.2015 22:29:49

**Frequency Stability**

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0042	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0127	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.4V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



LTE Band 17

Conducted Output Power(Average power)

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.07	22.94	23.06
5	1	12		23.07	23.00	23.05
5	1	24		22.99	22.85	22.92
5	12	0		22.27	22.18	22.03
5	12	7		22.25	22.11	22.01
5	12	13		22.22	22.08	22.10
5	25	0		22.16	22.15	22.00
5	1	0	16-QAM	22.33	22.30	22.60
5	1	12		22.36	22.32	22.56
5	1	24		22.26	22.63	22.48
5	12	0		21.28	21.18	21.08
5	12	7		21.26	21.19	21.06
5	12	13		21.23	21.24	21.08
5	25	0		21.31	21.19	21.12
10	1	0	QPSK	23.16	22.86	23.01
10	1	25		23.23	22.93	22.99
10	1	49		22.91	22.92	22.80
10	25	0		22.10	22.16	22.13
10	25	12		22.20	22.10	22.02
10	25	25		22.07	22.03	21.99
10	50	0		22.17	22.15	22.04
10	1	0	16-QAM	22.46	22.35	22.25
10	1	25		22.58	22.57	22.35
10	1	49		22.37	22.30	22.06
10	25	0		21.16	21.23	21.26
10	25	12		21.14	21.32	21.22
10	25	25		21.16	21.14	21.16
10	50	0		21.06	21.23	21.17

**Peak-to-Average Ratio**

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	5.33	5.10	6.09	PASS
Middle CH	4.20	5.16	4.58	6.14	
Highest CH	4.55	5.36	5.74	6.14	

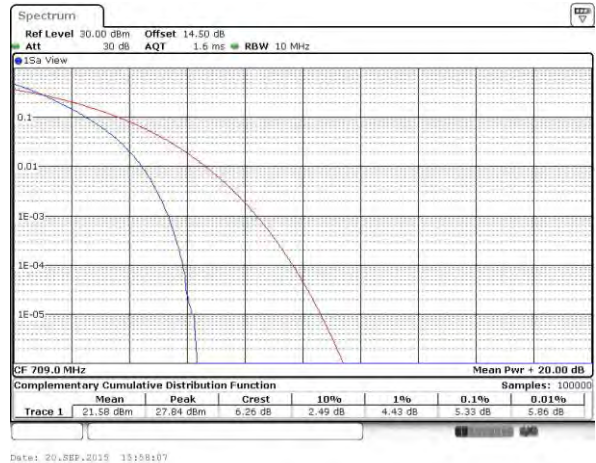


LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



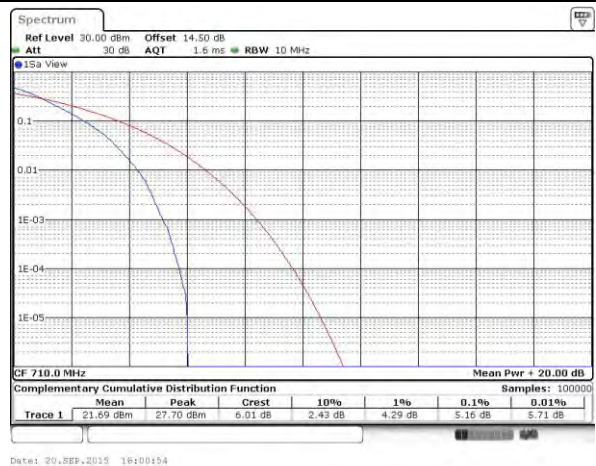
Lowest Channel / Full RB



Middle Channel/ 1RB



Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB



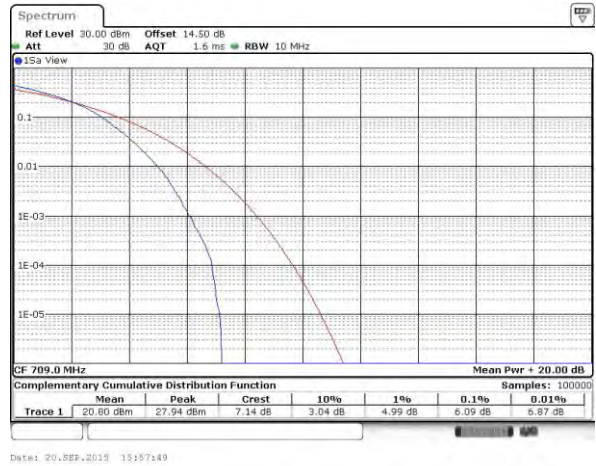


LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel/ 1RB



Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB



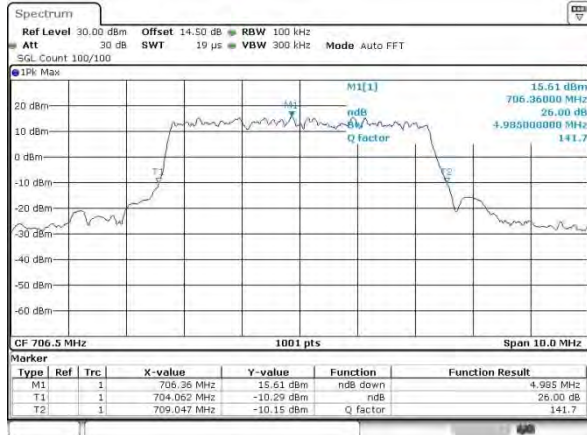
**26dB Bandwidth**

Mode	LTE Band 17 : 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	-	-	-	-	4.99	5.00	10.25	9.97	-	-	-	-
Middle CH	-	-	-	-	5.01	4.99	9.97	9.99	-	-	-	-
Highest CH	-	-	-	-	4.90	4.98	10.29	9.97	-	-	-	-

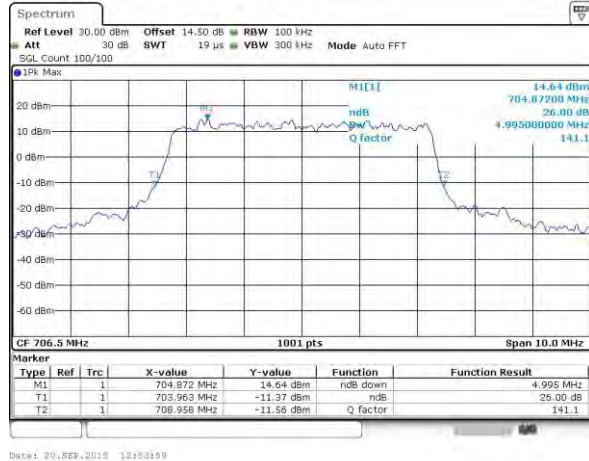


LTE Band 17

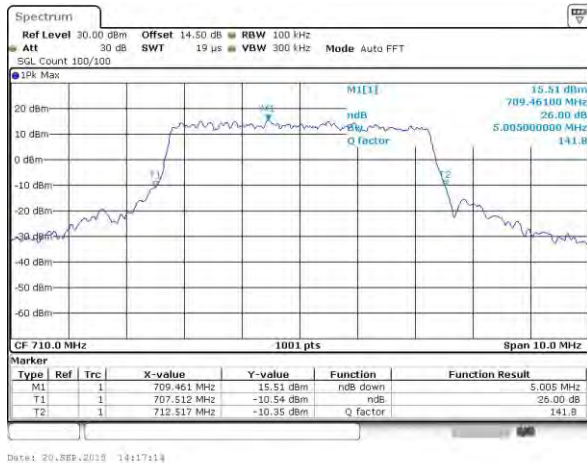
Lowest Channel / 5MHz / QPSK



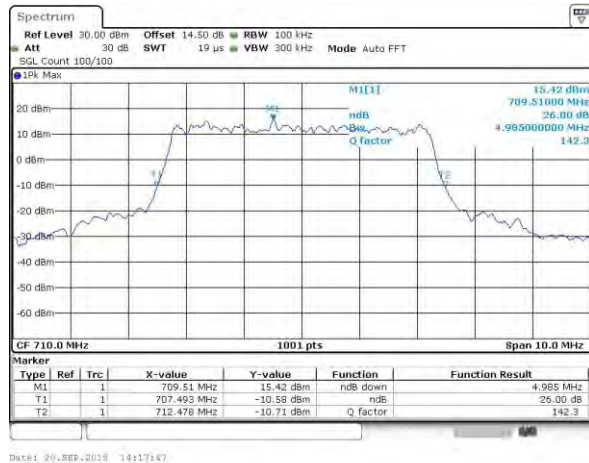
Lowest Channel / 5MHz / 16QAM



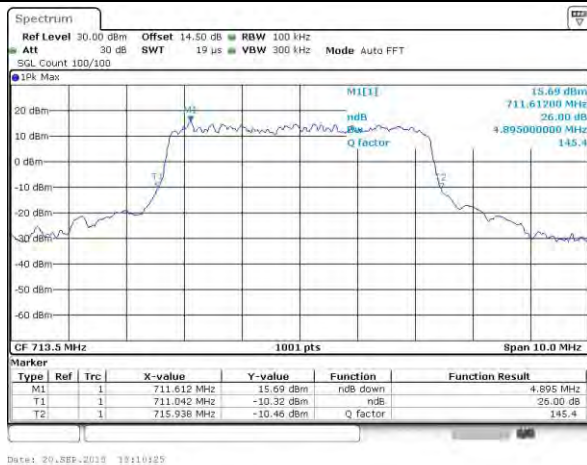
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



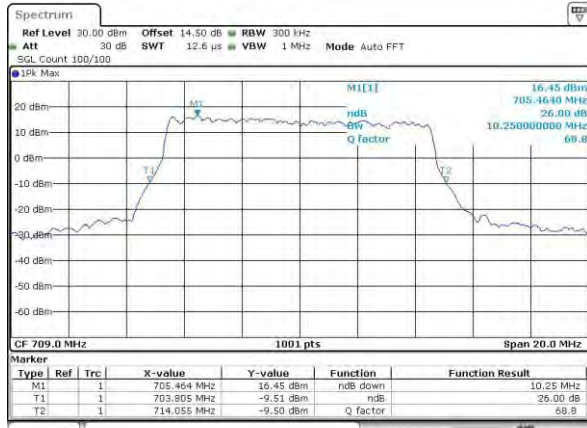
Highest Channel / 5MHz / 16QAM



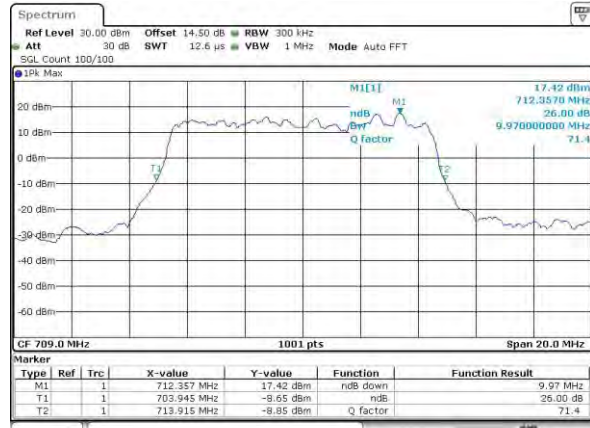


LTE Band 17

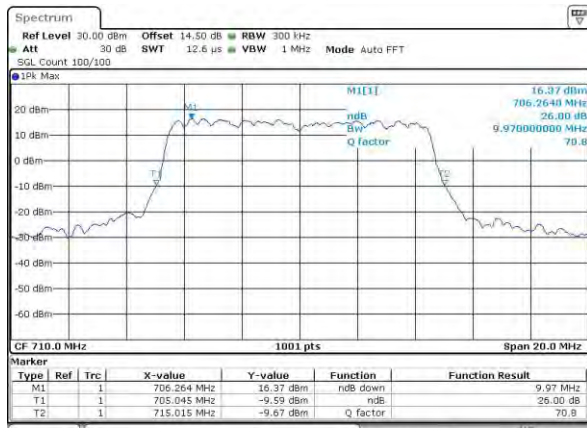
Lowest Channel / 10MHz / QPSK



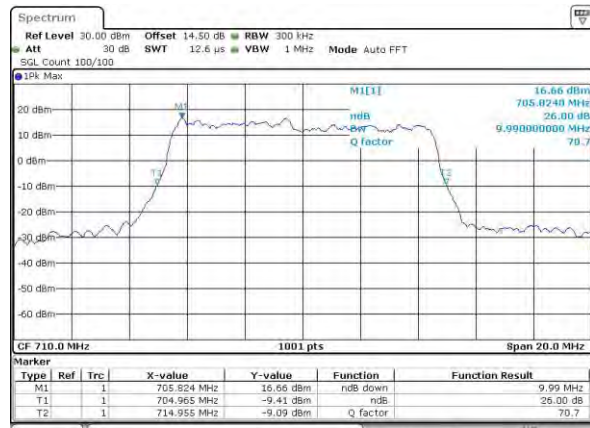
Lowest Channel / 10MHz / 16QAM



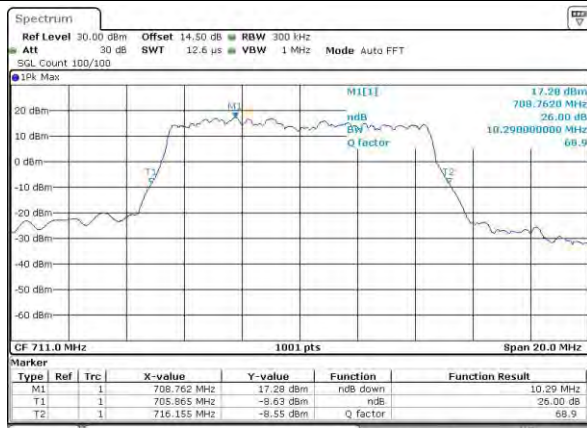
Middle Channel / 10MHz / QPSK



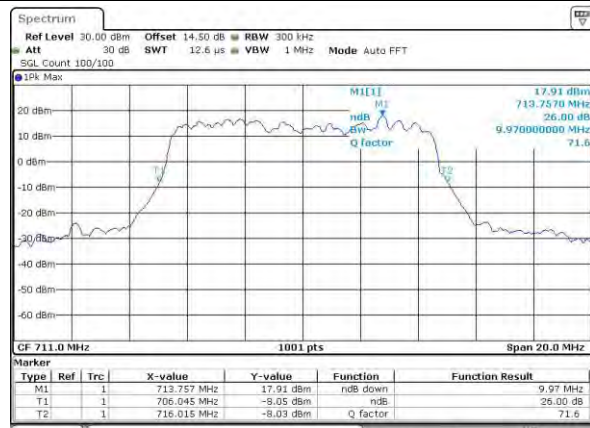
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





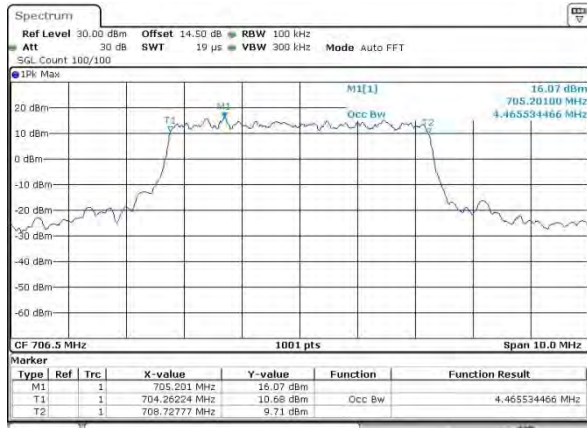
Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.47	4.49	9.09	9.07	-	-	-	-
Middle CH	-	-	-	-	4.51	4.50	9.05	9.05	-	-	-	-
Highest CH	-	-	-	-	4.50	4.48	9.11	8.99	-	-	-	-

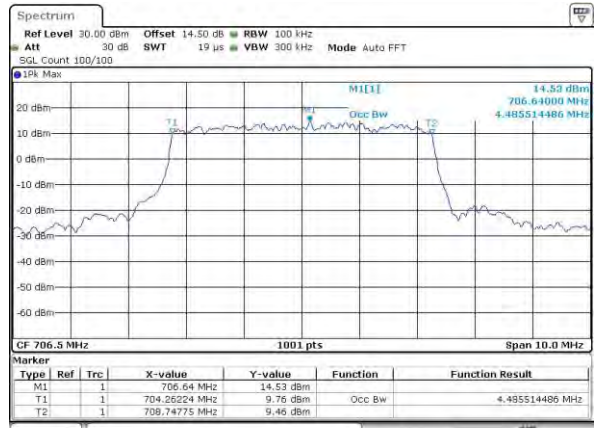


LTE Band 17

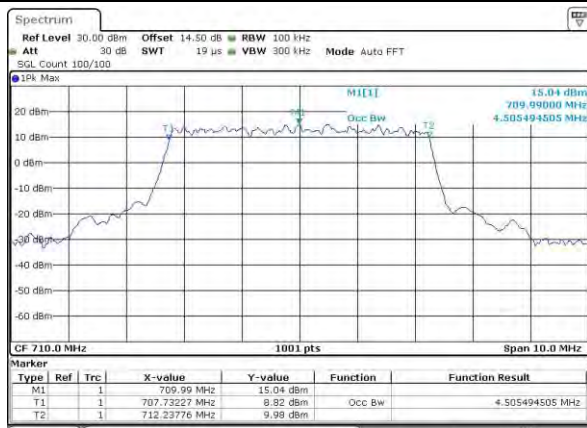
Lowest Channel / 5MHz / QPSK



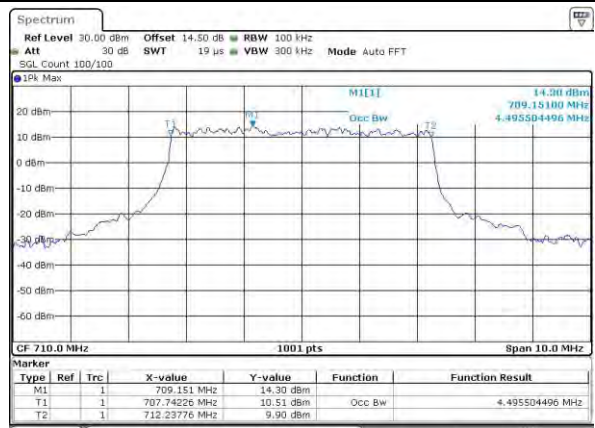
Lowest Channel / 5MHz / 16QAM



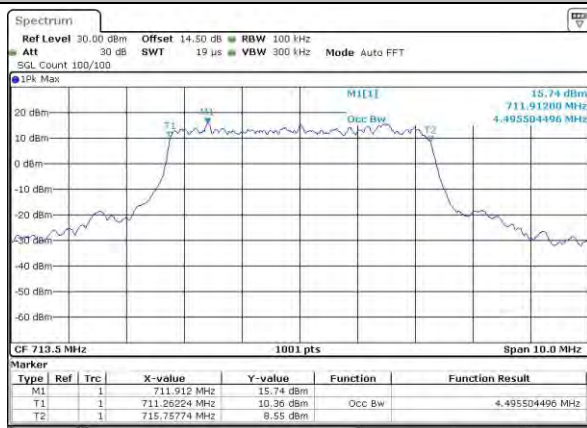
Middle Channel / 5MHz / QPSK



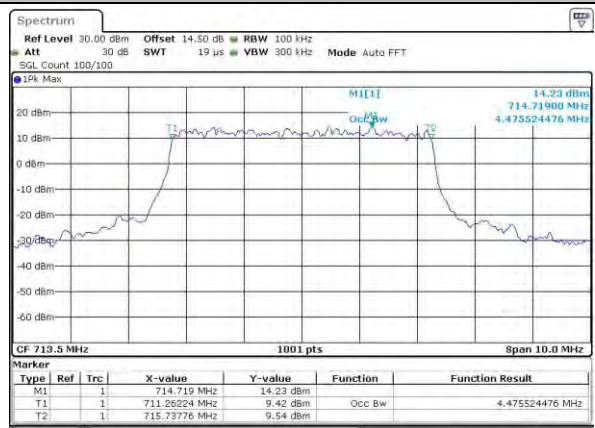
Middle Channel / 5MHz / 16QAM

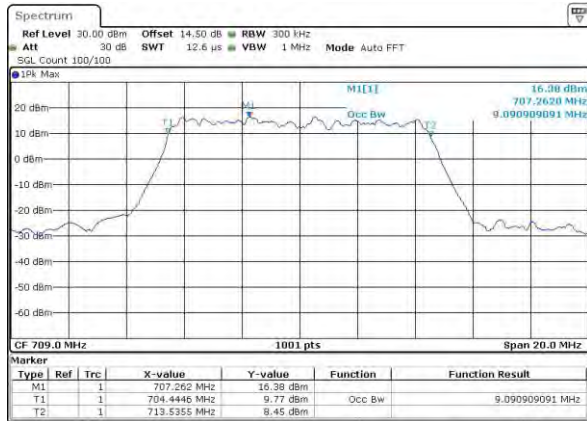
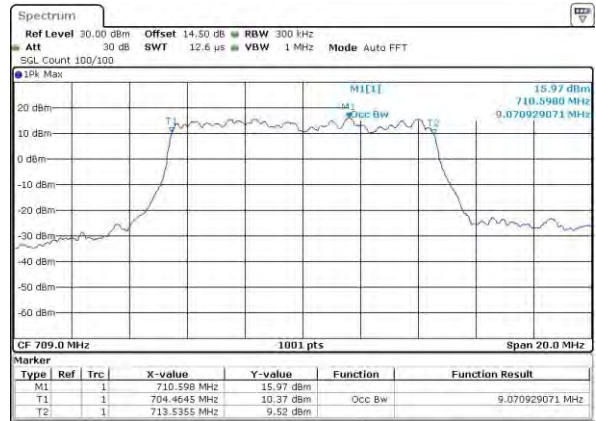
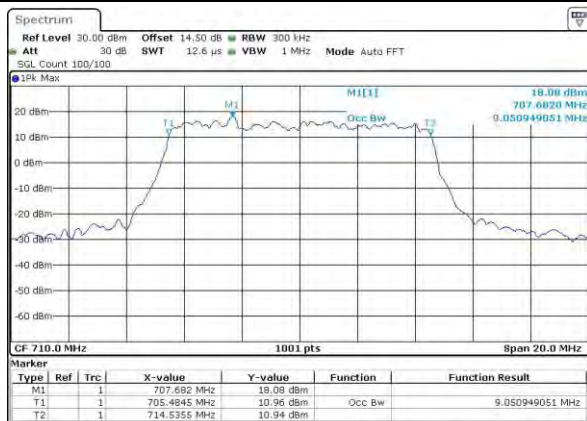
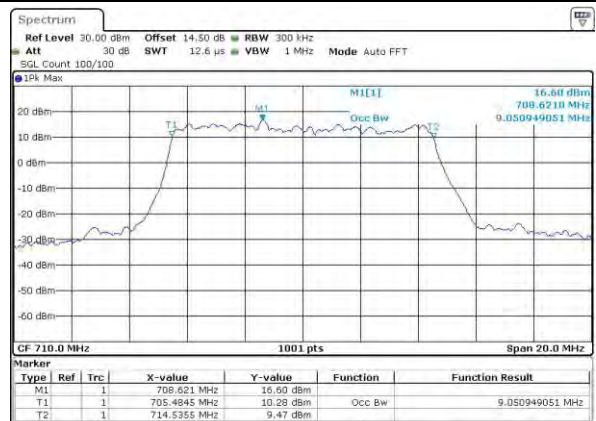
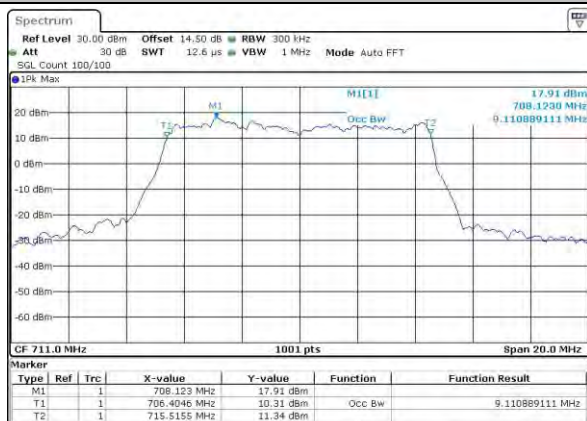
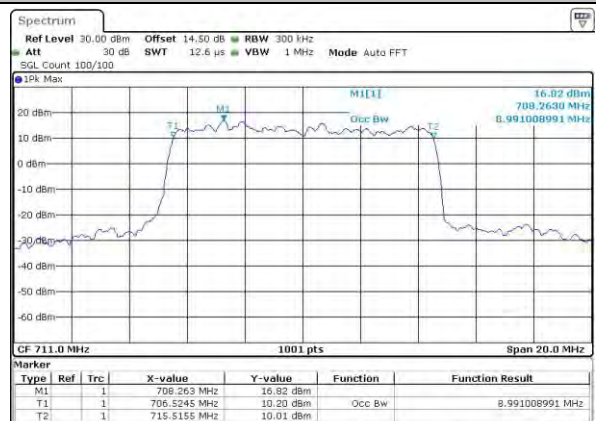


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM



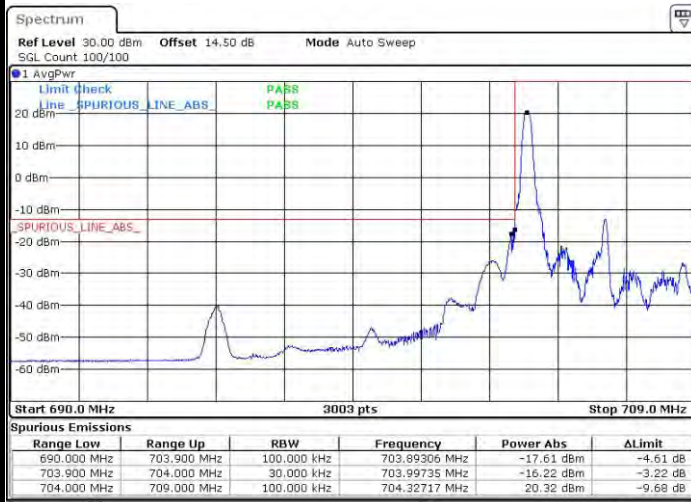
**LTE Band 17****Lowest Channel / 10MHz / QPSK****Lowest Channel / 10MHz / 16QAM****Middle Channel / 10MHz / QPSK****Middle Channel / 10MHz / 16QAM****Highest Channel / 10MHz / QPSK****Highest Channel / 10MHz / 16QAM**

**Conducted Band Edge****LTE Band 17 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 17 / 5MHz / 16QAM

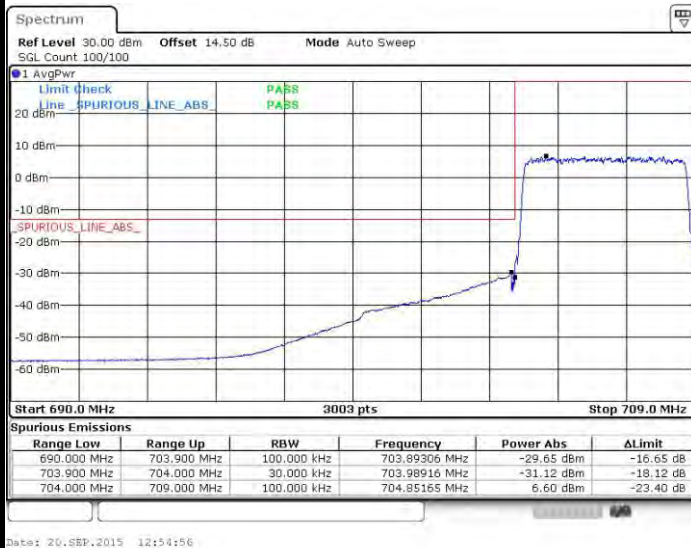
Lowest Band Edge / 1 RB



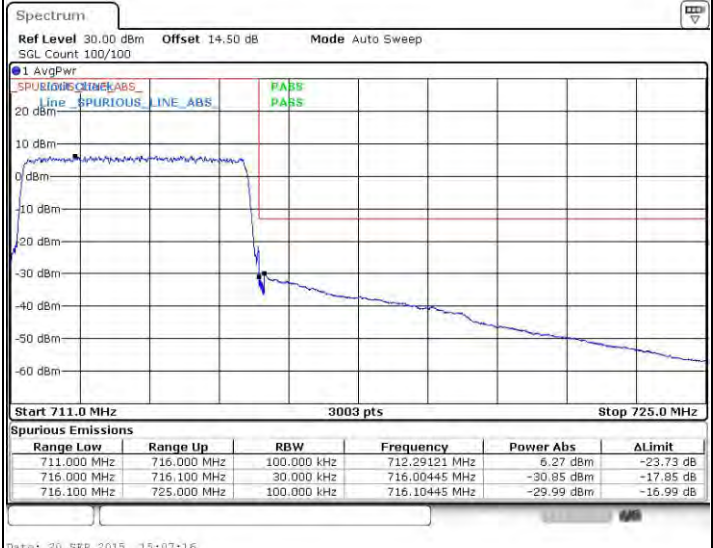
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



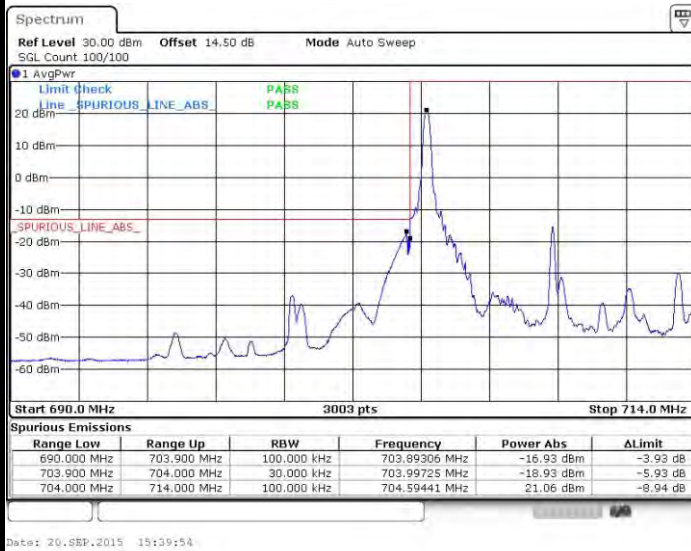
Highest Band Edge / Full RB



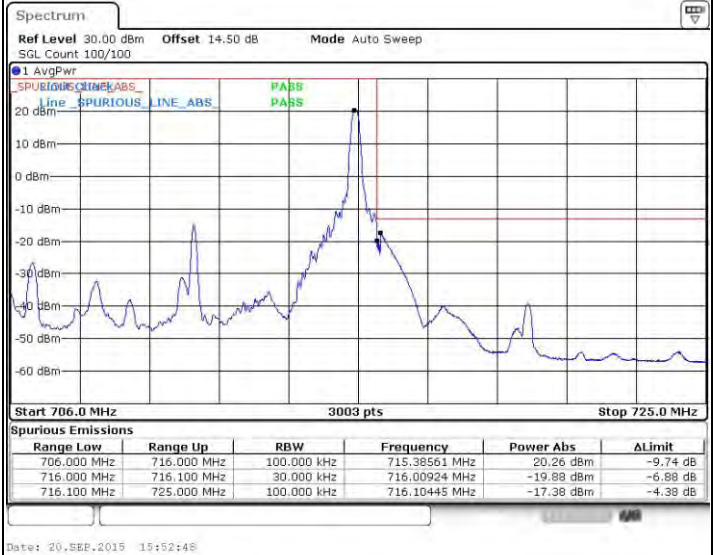


LTE Band 17 / 10MHz / QPSK

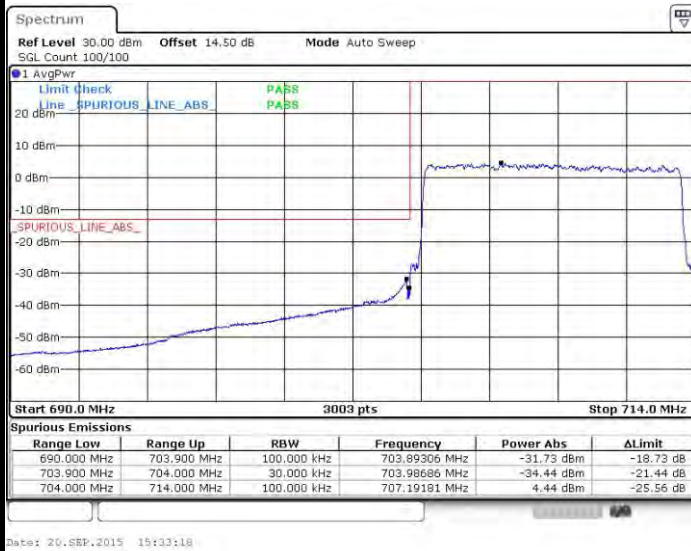
Lowest Band Edge / 1 RB



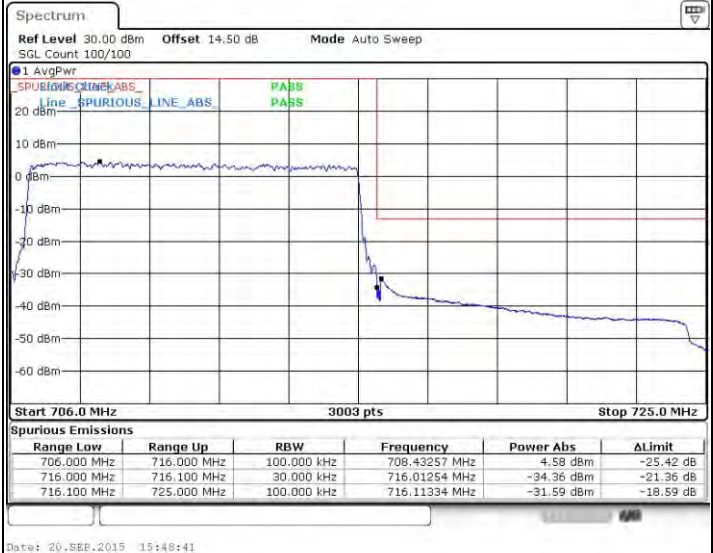
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



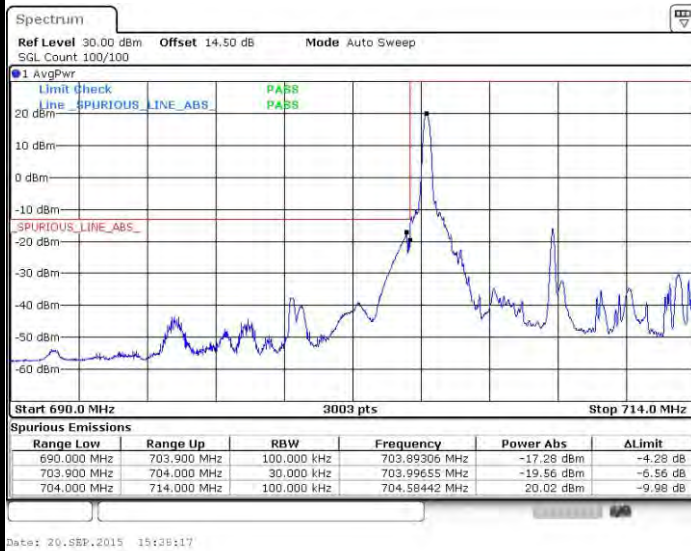
Highest Band Edge / Full RB





LTE Band 17 / 10MHz / 16QAM

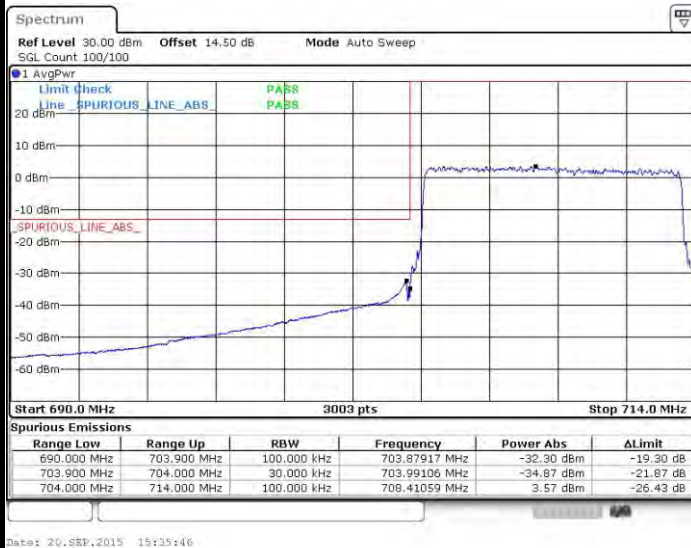
Lowest Band Edge / 1 RB



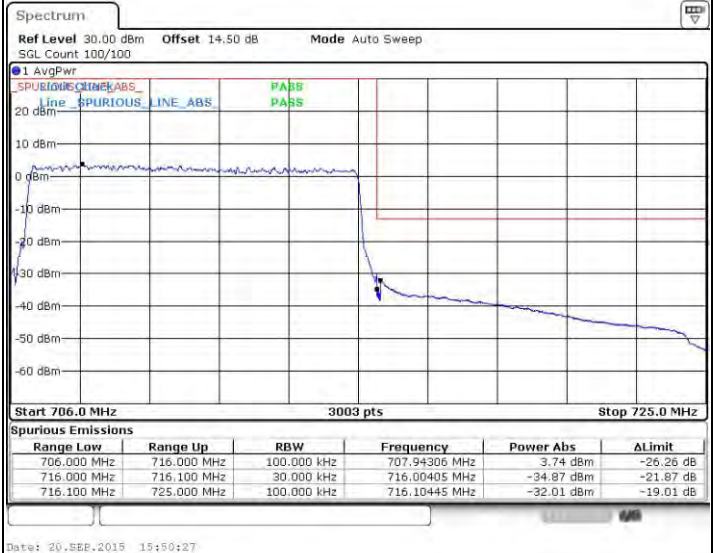
Highest Band Edge / 1 RB

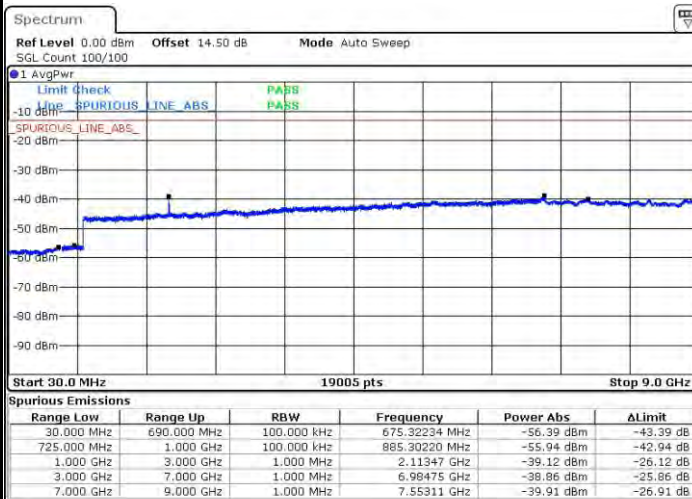


Lowest Band Edge / Full RB

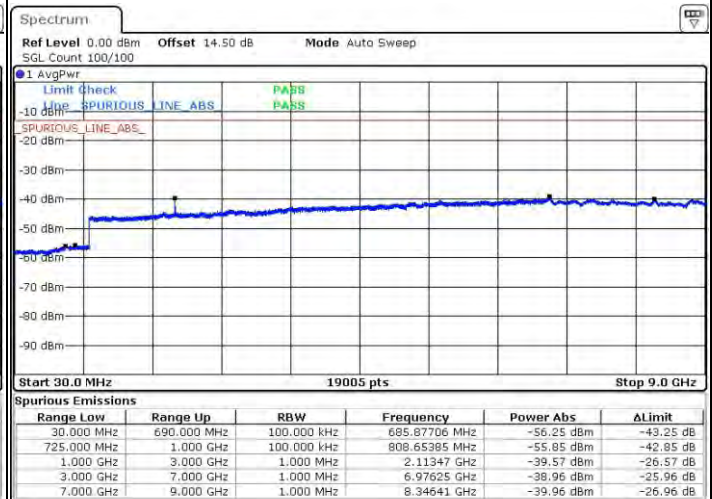


Highest Band Edge / Full RB

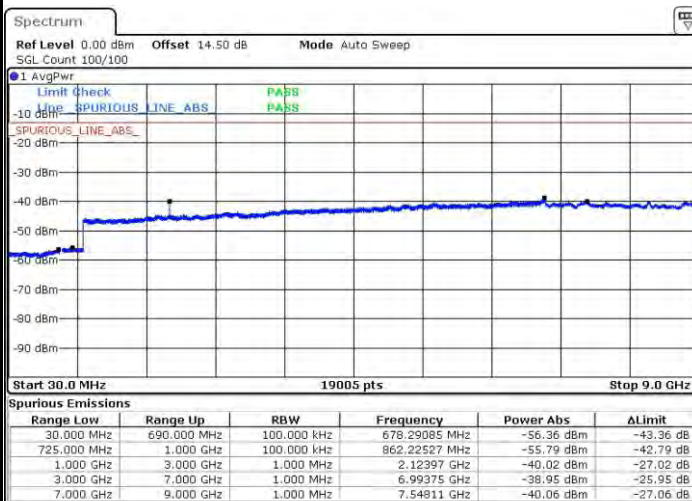


**Conducted Spurious Emission****LTE Band 17 / 5MHz****Lowest Channel / QPSK**

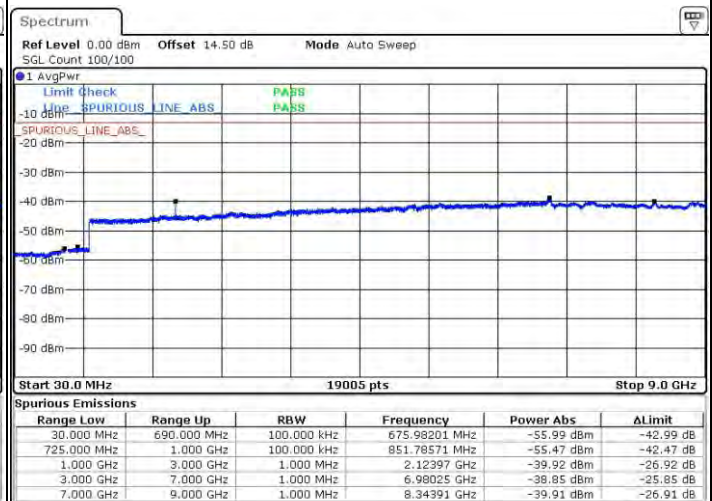
Date: 20.SEP.2015 13:14:22

Lowest Channel / 16QAM

Date: 20.SEP.2015 13:13:04

Middle Channel / QPSK

Date: 20.SEP.2015 14:14:16

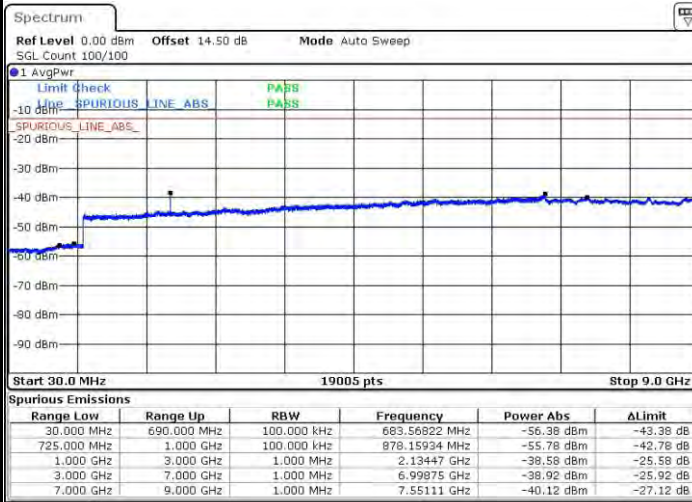
Middle Channel / 16QAM

Date: 20.SEP.2015 14:40:49



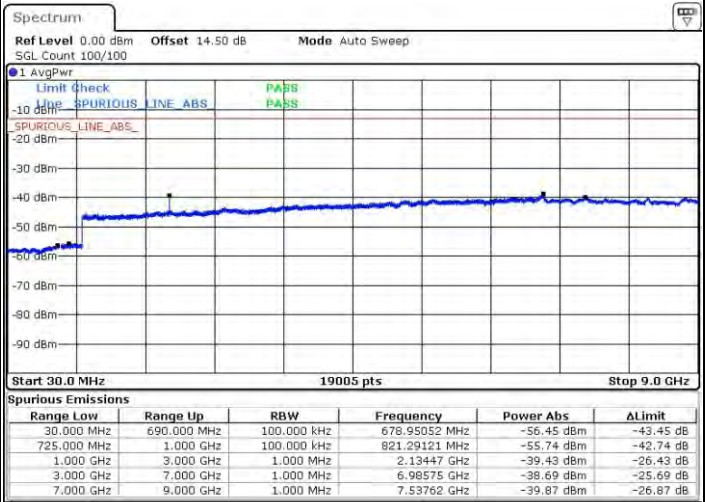
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 20.SEP.2015 15:02:22

Highest Channel / 16QAM



Date: 20.SEP.2015 15:01:39

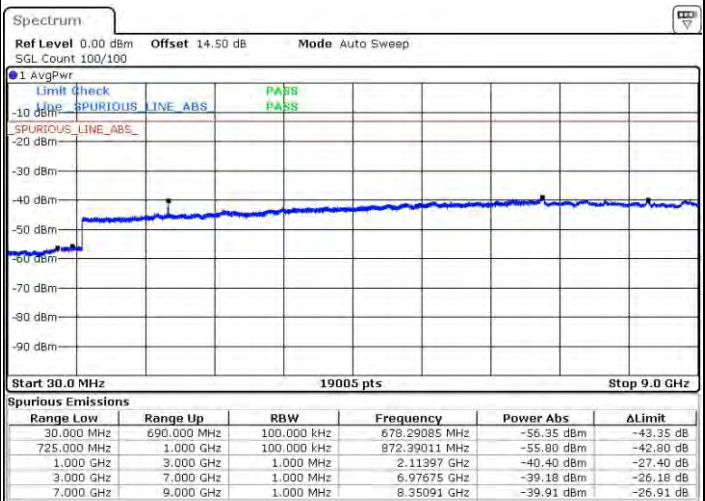
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 20.SEP.2015 15:48:26

Lowest Channel / 16QAM

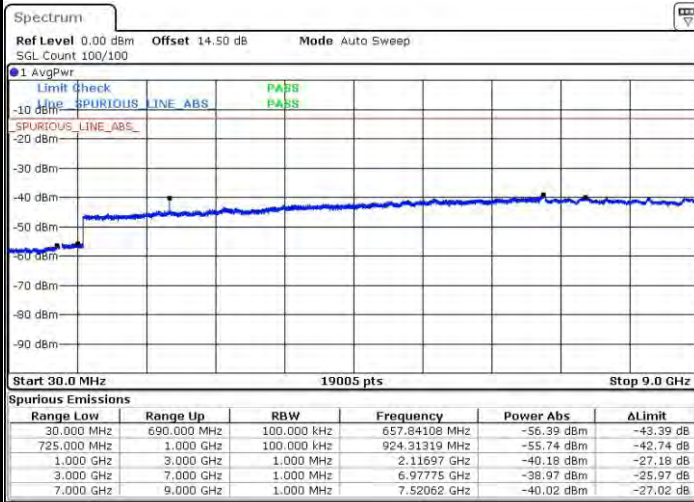


Date: 20.SEP.2015 15:48:45



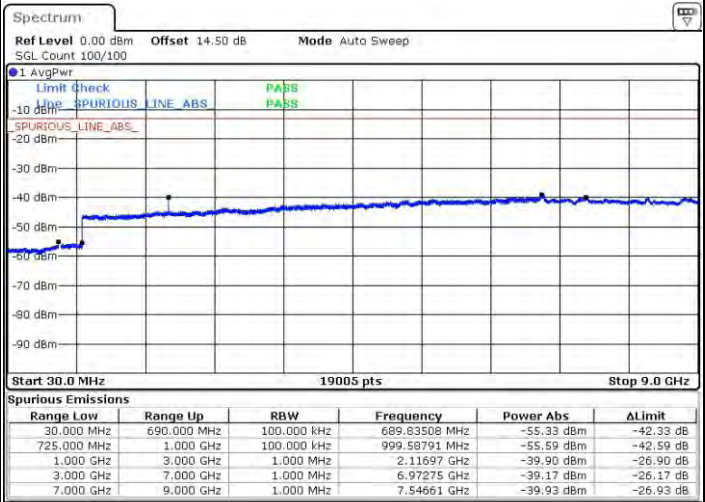
LTE Band 17 / 10MHz

Middle Channel / QPSK



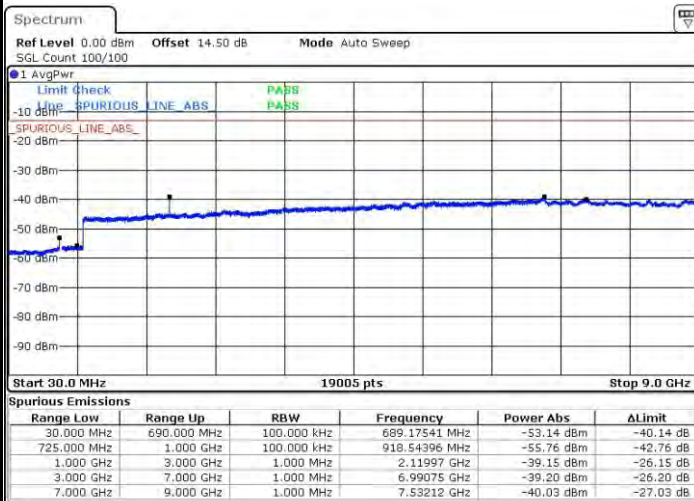
Date: 20.SEP.2015 15:42:12

Middle Channel / 16QAM



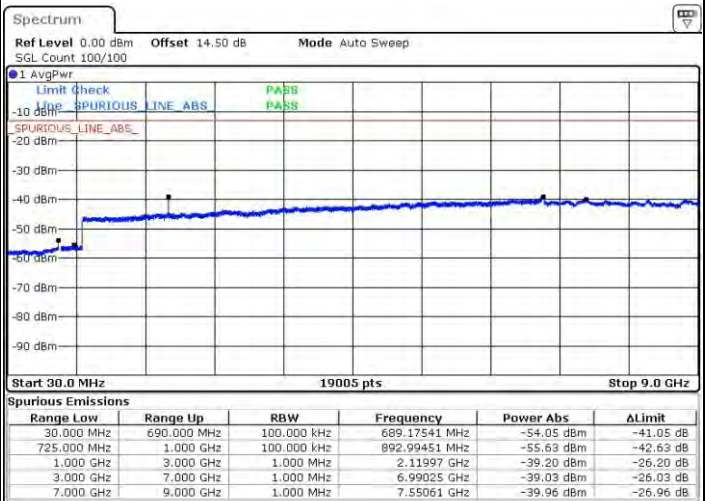
Date: 20.SEP.2015 15:42:45

Highest Channel / QPSK



Date: 20.SEP.2015 15:51:52

Highest Channel / 16QAM



Date: 20.SEP.2015 15:51:16

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0155	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.94	0.1968	7.97	0.0063
Middle		3	0	23.03	0.2009	8.54	0.0071
Highest		3	0	22.43	0.1750	6.57	0.0045
Lowest	16QAM	1	3	22.16	0.1644	7.19	0.0052
Middle		1	3	22.07	0.1611	7.58	0.0057
Highest		1	0	21.66	0.1466	5.78	0.0038
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.76	0.1888	7.82	0.0061
Middle		1	0	22.91	0.1954	8.15	0.0065
Highest		1	0	22.27	0.1687	6.23	0.0042
Lowest	16QAM	1	8	22.11	0.1626	7.09	0.0051
Middle		1	0	22.15	0.1641	7.54	0.0057
Highest		1	0	21.65	0.1462	5.60	0.0036
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.72	0.1871	9.71	0.0094
Middle		1	0	22.93	0.1963	7.79	0.0060
Highest		1	0	22.26	0.1683	5.99	0.0040
Lowest	16QAM	1	0	22.17	0.1648	9.38	0.0087
Middle		1	0	22.23	0.1671	7.53	0.0057
Highest		1	0	21.59	0.1442	5.27	0.0034
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.82	0.1914	9.62	0.0092
Middle		1	0	23.02	0.2004	7.64	0.0058
Highest		1	0	22.56	0.1803	6.34	0.0043
Lowest	16QAM	1	0	22.41	0.1742	9.47	0.0089
Middle		1	0	22.32	0.1706	7.59	0.0057
Highest		1	0	21.89	0.1545	5.64	0.0037
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.07	0.2028	9.91	0.0098
Middle		1	0	22.88	0.1941	7.90	0.0062
Highest		1	0	22.66	0.1845	6.76	0.0047
Lowest	16QAM	1	0	22.51	0.1782	9.68	0.0093
Middle		1	0	22.44	0.1754	7.82	0.0061
Highest		1	0	22.16	0.1644	6.58	0.0045
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.95	0.1972	9.85	0.0097
Middle		1	49	22.44	0.1754	7.50	0.0056
Highest		1	0	22.73	0.1875	7.07	0.0051
Lowest	16QAM	1	0	22.42	0.1746	9.60	0.0091
Middle		1	49	21.83	0.1524	7.21	0.0053
Highest		1	0	22.32	0.1706	6.92	0.0049
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	23.75	0.2371	14.15	0.0260
Middle		3	0	23.98	0.2500	13.21	0.0209
Highest		3	0	23.71	0.2350	11.87	0.0154
Lowest	16QAM	1	2	22.95	0.1972	13.33	0.0215
Middle		1	0	22.95	0.1972	12.02	0.0159
Highest		1	0	22.93	0.1963	11.08	0.0128
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.57	0.2275	14.00	0.0251
Middle		1	0	23.80	0.2399	13.05	0.0202
Highest		1	0	23.53	0.2254	11.80	0.0151
Lowest	16QAM	1	0	22.90	0.1950	13.31	0.0214
Middle		1	0	23.02	0.2004	12.12	0.0163
Highest		1	0	22.91	0.1954	11.17	0.0131
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.66	0.2323	14.09	0.0256
Middle		1	0	23.69	0.2339	13.06	0.0202
Highest		1	12	23.30	0.2138	11.90	0.0155
Lowest	16QAM	1	0	22.97	0.1982	13.33	0.0215
Middle		1	0	22.87	0.1936	12.20	0.0166
Highest		1	0	22.82	0.1914	11.35	0.0136
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	14.11	0.0258
Middle		1	0	23.96	0.2489	12.94	0.0197
Highest		1	0	23.92	0.2466	12.26	0.0168
Lowest	16QAM	1	0	23.20	0.2089	13.59	0.0229
Middle		1	0	23.18	0.2080	12.59	0.0182
Highest		1	0	23.07	0.2028	11.97	0.0157
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.01	0.2518	14.27	0.0267
Middle		1	0	24.05	0.2541	13.25	0.0211
Highest		1	0	24.03	0.2529	12.49	0.0177
Lowest	16QAM	1	0	23.37	0.2173	13.80	0.0240
Middle		1	0	23.30	0.2138	12.70	0.0186
Highest		1	0	23.26	0.2118	12.27	0.0169
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.83	0.2415	14.17	0.0261
Middle		1	0	24.11	0.2576	13.47	0.0222
Highest		1	0	23.94	0.2477	13.07	0.0203
Lowest	16QAM	1	0	22.93	0.1963	13.35	0.0216
Middle		1	0	23.20	0.2089	12.78	0.0190
Highest		1	0	23.25	0.2113	12.33	0.0171
Limit	EIRP < 1W			Result		PASS	

LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	23.16	0.2070	20.66	0.1164
Middle		3	0	22.62	0.1828	20.14	0.1033
Highest		1	0	21.46	0.1400	19.23	0.0838
Lowest	16QAM	1	5	22.37	0.1726	19.83	0.0962
Middle		1	0	21.77	0.1503	19.26	0.0843
Highest		1	5	20.86	0.1219	18.63	0.0729
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.90	0.1950	20.38	0.1091
Middle		1	0	22.60	0.1820	19.99	0.0998
Highest		1	14	20.84	0.1213	18.62	0.0728
Lowest	16QAM	1	8	22.33	0.1710	19.84	0.0964
Middle		1	0	21.77	0.1503	19.24	0.0839
Highest		1	8	20.92	0.1236	18.65	0.0733
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.07	0.2028	20.51	0.1125
Middle		1	24	22.01	0.1589	19.54	0.0899
Highest		1	12	21.65	0.1462	19.22	0.0836
Lowest	16QAM	1	12	22.36	0.1722	19.85	0.0966
Middle		1	12	21.68	0.1472	19.14	0.0820
Highest		1	0	21.16	0.1306	18.80	0.0759
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.08	0.2032	20.48	0.1117
Middle		1	0	22.88	0.1941	20.40	0.1096
Highest		1	0	22.01	0.1589	19.58	0.0908
Lowest	16QAM	1	0	22.64	0.1837	20.03	0.1007
Middle		1	0	22.00	0.1585	19.52	0.0895
Highest		1	0	21.43	0.1390	19.02	0.0798
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.52	0.1786	13.13	0.0206
Middle		1	0	21.64	0.1459	12.25	0.0168
Highest		1	0	21.87	0.1538	13.05	0.0202
Lowest	16QAM	1	0	22.12	0.1629	10.86	0.0122
Middle		1	0	21.23	0.1327	9.80	0.0095
Highest		1	0	20.46	0.1112	9.40	0.0087
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.80	0.1905	13.48	0.0223
Middle		1	0	21.96	0.1570	12.51	0.0178
Highest		1	0	21.71	0.1483	10.70	0.0117
Lowest	16QAM	25	25	20.89	0.1227	11.59	0.0144
Middle		1	0	21.24	0.1330	9.86	0.0097
Highest		1	0	20.64	0.1159	9.65	0.0092
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.94	0.1968	13.63	0.0231
Middle		1	0	22.55	0.1799	10.94	0.0124
Highest		1	0	22.11	0.1626	13.03	0.0201
Lowest	16QAM	36	39	20.93	0.1239	11.34	0.0136
Middle		1	0	21.88	0.1542	10.33	0.0108
Highest		1	0	21.27	0.1340	10.04	0.0101
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.93	0.1963	13.66	0.0232
Middle		1	0	22.21	0.1663	12.73	0.0187
Highest		1	0	22.04	0.1600	12.88	0.0194
Lowest	16QAM	1	0	22.47	0.1766	11.20	0.0132
Middle		1	0	21.87	0.1538	10.30	0.0107
Highest		1	0	21.30	0.1349	9.92	0.0098
Limit	EIRP < 2W			Result		PASS	



LTE Band 13 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.54	0.2844	22.78	0.1897
Middle		1	12	24.48	0.2805	22.76	0.1888
Highest		1	0	24.39	0.2748	23.14	0.2061
Lowest	16QAM	1	12	24.11	0.2576	22.38	0.1730
Middle		1	12	24.06	0.2547	22.37	0.1726
Highest		1	0	24.05	0.2541	22.36	0.1722
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.32	0.2704	22.58	0.1811
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.89	0.2449	22.15	0.1641
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	21.90	0.1549	19.88	0.0973
Middle		1	12	21.92	0.1556	19.91	0.0979
Highest		1	0	22.02	0.1592	19.92	0.0982
Lowest	16QAM	1	12	21.07	0.1279	18.96	0.0787
Middle		1	24	21.19	0.1315	19.08	0.0809
Highest		1	0	21.23	0.1327	19.13	0.0818
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	21.62	0.1452	19.83	0.0962
Middle		1	25	21.90	0.1549	19.84	0.0964
Highest		1	0	21.82	0.1521	19.95	0.0989
Lowest	16QAM	1	25	21.02	0.1265	19.02	0.0798
Middle		1	25	21.10	0.1288	19.05	0.0804
Highest		1	25	21.13	0.1297	19.01	0.0796
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-46.07	-13	-33.07	-58.84	-53.26	0.81	8.00	H
	5638.38	-41.94	-13	-28.94	-60.69	-51.93	1.01	11.00	H
	7517.84	-47.71	-13	-34.71	-69.88	-59.95	1.46	13.70	H
	3758.92	-43.34	-13	-30.34	-56.41	-50.53	0.81	8	V
	5638.38	-39.96	-13	-26.96	-59.03	-49.95	1.01	11	V
	7517.84	-46.59	-13	-33.59	-69.08	-58.83	1.46	13.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-47.03	-13	-34.03	-59.80	-54.22	0.81	8.00	H
	5638.38	-41.40	-13	-28.40	-60.15	-51.39	1.01	11.00	H
	7517.84	-47.79	-13	-34.79	-69.96	-60.03	1.46	13.70	H
	3758.92	-44.32	-13	-31.32	-57.39	-51.51	0.81	8	V
	5638.38	-37.39	-13	-24.39	-57.24	-47.38	1.01	11	V
	7517.84	-45.99	-13	-32.99	-68.48	-58.23	1.46	13.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3755.68	-47.08	-13	-34.08	-59.85	-54.27	0.81	8.00	H
	5633.52	-40.46	-13	-27.46	-59.21	-50.45	1.01	11.00	H
	7511.36	-47.44	-13	-34.44	-69.61	-59.68	1.46	13.70	H
	3755.68	-44.14	-13	-31.14	-57.21	-51.33	0.81	8	V
	5633.52	-37.93	-13	-24.93	-57.69	-47.92	1.01	11	V
	7511.36	-45.95	-13	-32.95	-68.44	-58.19	1.46	13.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3751.18	-49.30	-13	-36.30	-62.07	-56.49	0.81	8.00	H
	5626.77	-38.38	-13	-25.38	-57.89	-48.37	1.01	11.00	H
	7502.36	-47.36	-13	-34.36	-69.53	-59.60	1.46	13.70	H
	3751.18	-45.60	-13	-32.60	-58.67	-52.79	0.81	8	V
	5626.77	-36.55	-13	-23.55	-56.62	-46.54	1.01	11	V
	7502.36	-42.01	-13	-29.01	-64.5	-54.25	1.46	13.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3746.68	-52.43	-13	-39.43	-65.20	-59.62	0.81	8.00	H
	5620.02	-49.68	-13	-36.68	-68.43	-59.67	1.01	11.00	H
	7493.36	-47.23	-13	-34.23	-69.40	-59.47	1.46	13.70	H
	3746.68	-49.06	-13	-36.06	-62.13	-56.25	0.81	8	V
	5620.02	-49.33	-13	-36.33	-68.39	-59.32	1.01	11	V
	7493.36	-47.33	-13	-34.33	-69.82	-59.57	1.46	13.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-46.26	-13	-33.26	-59.03	-53.45	0.81	8.00	H
	5613.27	-37.80	-13	-24.80	-57.43	-47.79	1.01	11.00	H
	7484.36	-46.89	-13	-33.89	-69.06	-59.13	1.46	13.70	H
	3742.18	-45.59	-13	-32.59	-58.66	-52.78	0.81	8	V
	5613.27	-35.74	-13	-22.74	-56.05	-45.73	1.01	11	V
	7484.36	-43.67	-13	-30.67	-66.16	-55.91	1.46	13.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3463.92	-47.18	-13	-34.18	-60.01	-54.37	0.81	8.00	H
	5195.88	-50.82	-13	-37.82	-69.35	-59.87	0.95	10.00	H
	6927.84	-48.07	-13	-35.07	-69.41	-60.34	1.13	13.40	H
	3463.92	-46.71	-13	-33.71	-60.05	-58.50	0.81	12.6	V
	5195.88	-49.95	-13	-36.95	-68.58	-61.70	0.95	12.7	V
	6927.84	-48.61	-13	-35.61	-69.6	-59.18	1.13	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-49.91	-13	-36.91	-62.74	-57.10	0.81	8.00	H
	5193.72	-44.37	-13	-31.37	-62.90	-53.42	0.95	10.00	H
	6924.96	-47.47	-13	-34.47	-68.81	-59.74	1.13	13.40	H
	3462.48	-47.50	-13	-34.50	-60.84	-59.29	0.81	12.6	V
	5193.72	-42.30	-13	-29.30	-60.93	-54.05	0.95	12.7	V
	6924.96	-47.17	-13	-34.17	-68.16	-57.74	1.13	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3460.68	-50.71	-13	-37.71	-63.54	-57.90	0.81	8.00	H
	5191.02	-40.93	-13	-27.93	-59.46	-49.98	0.95	10.00	H
	6921.36	-46.68	-13	-33.68	-68.02	-58.95	1.13	13.40	H
	3460.68	-45.99	-13	-32.99	-59.33	-57.78	0.81	12.6	V
	5191.02	-41.05	-13	-28.05	-59.68	-52.80	0.95	12.7	V
	6921.36	-47.69	-13	-34.69	-68.68	-58.26	1.13	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-50.94	-13	-37.94	-63.77	-58.13	0.81	8.00	H
	5184.27	-41.48	-13	-28.48	-60.01	-50.53	0.95	10.00	H
	6912.36	-46.85	-13	-33.85	-68.19	-59.12	1.13	13.40	H
	3456.18	-45.40	-13	-32.40	-58.74	-57.19	0.81	12.6	V
	5184.27	-39.68	-13	-26.68	-58.31	-51.43	0.95	12.7	V
	6912.36	-47.07	-13	-34.07	-68.06	-57.64	1.13	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-50.51	-13	-37.51	-63.34	-57.70	0.81	8.00	H
	5177.52	-40.05	-13	-27.05	-58.58	-49.10	0.95	10.00	H
	6903.36	-47.54	-13	-34.54	-68.88	-59.81	1.13	13.40	H
	3451.68	-44.98	-13	-31.98	-58.32	-56.77	0.81	12.6	V
	5177.52	-36.68	-13	-23.68	-56.09	-48.43	0.95	12.7	V
	6903.36	-47.21	-13	-34.21	-68.2	-57.78	1.13	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-51.78	-13	-38.78	-64.61	-58.97	0.81	8.00	H
	5170.77	-38.20	-13	-25.20	-56.73	-47.25	0.95	10.00	H
	6894.36	-46.61	-13	-33.61	-67.95	-58.88	1.13	13.40	H
	3447.18	-45.95	-13	-32.95	-59.29	-57.74	0.81	12.6	V
	5170.77	-36.39	-13	-23.39	-55.88	-48.14	0.95	12.7	V
	6894.36	-47.37	-13	-34.37	-68.36	-57.94	1.13	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1671.74	-37.91	-13	-24.91	-41.62	-44.60	0.56	9.40	H
	2507.61	-54.12	-13	-41.12	-58.02	-61.82	0.75	10.60	H
	3343.48	-50.61	-13	-37.61	-59.91	-60.21	0.85	12.60	H
	4179.35	-56.74	-13	-43.74	-67.56	-66.30	0.89	12.60	H
	1671.74	-37.39	-13	-24.39	-43.16	-44.08	0.56	9.40	V
	2507.61	-48.64	-13	-35.64	-54.79	-56.34	0.75	10.60	V
	3343.48	-47.51	-13	-34.51	-55.64	-57.11	0.85	12.60	V
	4179.35	-52.85	-13	-39.85	-63.14	-62.41	0.89	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.3	-38.06	-13	-25.06	-41.77	-44.75	0.56	9.40	H
	2505.45	-55.22	-13	-42.22	-59.12	-62.92	0.75	10.60	H
	3340.6	-49.72	-13	-36.72	-59.02	-59.32	0.85	12.60	H
	4175.75	-57.64	-13	-44.64	-68.46	-67.20	0.89	12.60	H
	1670.3	-37.09	-13	-24.09	-42.88	-43.78	0.56	9.40	V
	2505.45	-51.51	-13	-38.51	-56.46	-59.21	0.75	10.60	V
	3340.6	-46.12	-13	-33.12	-54.62	-55.72	0.85	12.60	V
	4175.75	-54.33	-13	-41.33	-64.62	-63.89	0.89	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.5	-48.20	-13	-35.20	-50.93	-54.89	0.56	9.40	H
	2502.75	-56.44	-13	-43.44	-60.34	-64.14	0.75	10.60	H
	3337	-48.34	-13	-35.34	-57.64	-57.94	0.85	12.60	H
	4171.25	-58.43	-13	-45.43	-69.25	-67.99	0.89	12.60	H
	1668.5	-46.45	-13	-33.45	-51.27	-53.14	0.56	9.40	V
	2502.75	-51.45	-13	-38.45	-56.41	-59.15	0.75	10.60	V
	3337	-44.57	-13	-31.57	-53.48	-54.17	0.85	12.60	V
	4171.25	-53.67	-13	-40.67	-63.96	-63.23	0.89	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-53.03	-13	-40.03	-54.49	-59.72	0.56	9.40	H
	2496	-51.55	-13	-38.55	-55.71	-59.25	0.75	10.60	H
	3328	-47.79	-13	-34.79	-57.09	-57.39	0.85	12.60	H
	4160	-55.10	-13	-42.10	-65.92	-64.66	0.89	12.60	H
	1664	-44.89	-13	-31.89	-49.81	-51.58	0.56	9.40	V
	2496	-46.92	-13	-33.92	-53.57	-54.62	0.75	10.60	V
	3328	-42.10	-13	-29.10	-51.51	-51.70	0.85	12.60	V
	4160	-51.53	-13	-38.53	-61.82	-61.09	0.89	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5065.68	-44.52	-25	-19.52	-62.15	-53.57	0.95	10.00	H
	7598.52	-43.15	-25	-18.15	-68.77	-55.39	1.46	13.70	H
	10131.36	-45.22	-25	-20.22	-72.77	-57.11	1.31	13.20	H
	5065.68	-43.76	-25	-18.76	-61.66	-52.81	0.95	10.00	V
	7598.52	-44.12	-25	-19.12	-68.45	-56.36	1.46	13.70	V
	10131.36	-45.19	-25	-20.19	-71.67	-57.08	1.31	13.20	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5061.18	-45.05	-25.00	-20.05	-62.68	-54.10	0.95	10.00	H
	7591.77	-43.60	-25.00	-18.60	-69.22	-55.84	1.46	13.70	H
	10122.36	-44.22	-25.00	-19.22	-71.77	-56.11	1.31	13.20	H
	5061.18	-44.69	-25.00	-19.69	-62.59	-53.74	0.95	10.00	V
	7591.77	-44.69	-25.00	-19.69	-69.02	-56.93	1.46	13.70	V
	10122.36	-46.03	-25.00	-21.03	-72.51	-57.92	1.31	13.20	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5056.68	-44.05	-25.00	-19.05	-61.68	-53.10	0.95	10.00	H
	7585.02	-42.86	-25.00	-17.86	-68.48	-55.10	1.46	13.70	H
	10131.36	-43.32	-25.00	-18.32	-70.87	-55.21	1.31	13.20	H
	5056.68	-43.32	-25.00	-18.32	-61.22	-52.37	0.95	10.00	V
	7585.02	-44.29	-25.00	-19.29	-68.62	-56.53	1.46	13.70	V
	10131.36	-44.92	-25.00	-19.92	-71.40	-56.81	1.31	13.20	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-45.08	-25.00	-20.08	-62.71	-54.13	0.95	10.00	H
	7578.27	-43.67	-25.00	-18.67	-69.29	-55.91	1.46	13.70	H
	10104.36	-44.18	-25.00	-19.18	-71.73	-56.07	1.31	13.20	H
	5052.18	-44.43	-25.00	-19.43	-62.33	-53.48	0.95	10.00	V
	7578.27	-45.29	-25.00	-20.29	-69.62	-57.53	1.46	13.70	V
	10104.36	-45.38	-25.00	-20.38	-71.86	-57.27	1.31	13.20	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1564	-51.94	-40	-11.94	-55.02	-55.76	0.53	6.50	H
	2347	-43.57	-13	-30.57	-50.42	-46.44	0.68	5.70	H
	3130	-45.58	-13	-32.58	-55.91	-50.62	0.81	8.00	H
	1564	-53.69	-40	-13.69	-57.01	-57.51	0.53	6.50	V
	2347	-53.57	-13	-40.57	-57.89	-56.44	0.68	5.70	V
	3130	-46.39	-13	-33.39	-56.94	-51.43	0.81	8.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-51.14	-40	-11.14	-54.25	-54.96	0.53	6.50	H
	2338	-44.45	-13	-31.45	-51.26	-47.32	0.68	5.70	H
	3121	-46.56	-13	-33.56	-56.73	-51.60	0.81	8.00	H
	1560	-55.72	-40	-15.72	-58.63	-59.54	0.53	6.50	V
	2338	-53.24	-13	-40.24	-57.56	-56.11	0.68	5.70	V
	3121	-48.12	-13	-35.12	-57.88	-53.16	0.81	8.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1415.68	-50.91	-13	-37.91	-53.23	-57.60	0.56	9.40	H
	2123.58	-35.94	-13	-22.94	-42.32	-43.64	0.75	10.60	H
	2831.36	-46.40	-13	-33.40	-55.79	-56.00	0.85	12.60	H
	1415.68	-55.87	-13	-42.87	-58.32	-62.56	0.56	9.40	V
	2123.58	-43.53	-13	-30.53	-50.83	-51.23	0.75	10.60	V
	2831.36	-46.09	-13	-33.09	-54.60	-55.69	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1411.18	-52.32	-13	-39.32	-54.04	-59.01	0.56	9.40	H
	2116.77	-43.48	-13	-30.48	-49.25	-51.18	0.75	10.60	H
	2822.36	-47.42	-13	-34.42	-56.70	-57.02	0.85	12.60	H
	1411.18	-52.55	-13	-39.55	-55.73	-59.24	0.56	9.40	V
	2116.77	-48.55	-13	-35.55	-54.73	-56.25	0.75	10.60	V
	2822.36	-48.71	-13	-35.71	-56.29	-58.31	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.