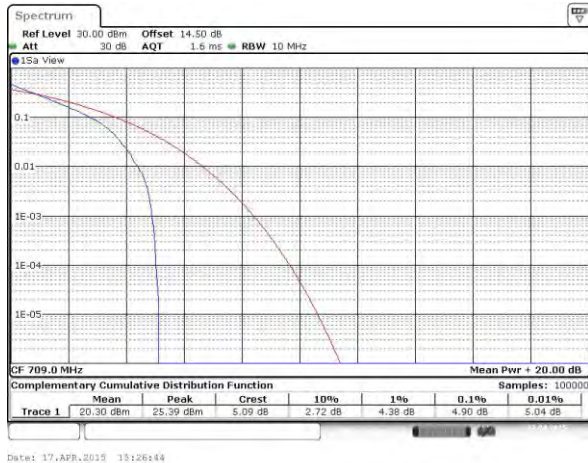


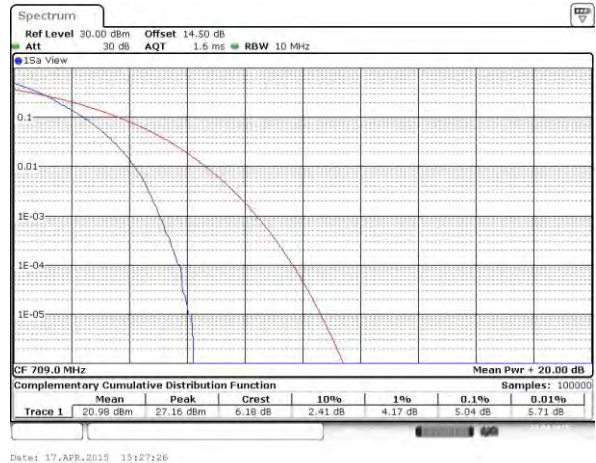


LTE Band 17 / 10MHz / QPSK

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



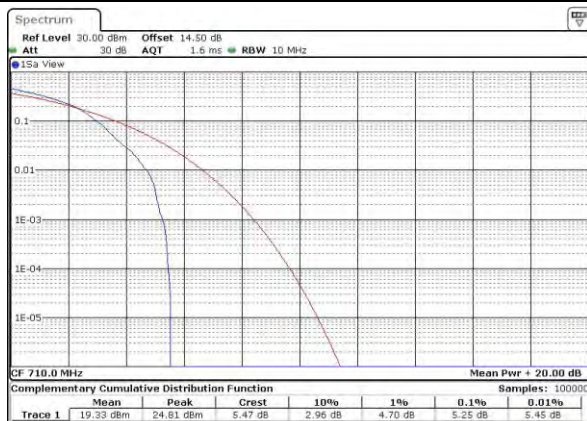
Date: 17.APR.2015 13:20:43

Lowest Channel / Full RB



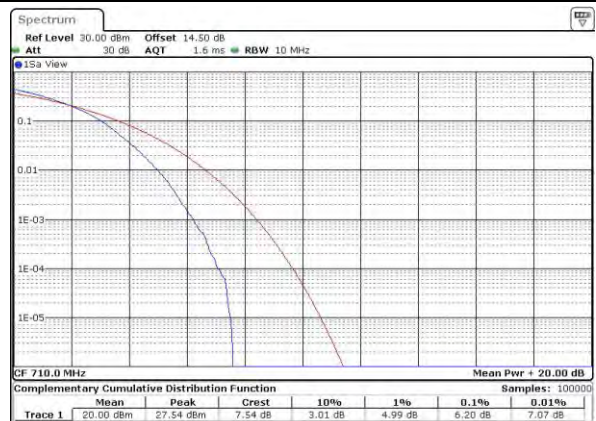
Date: 17.APR.2015 13:21:14

Middle Channel/ 1RB



Date: 17.APR.2015 13:21:40

Middle Channel / Full RB



Date: 17.APR.2015 13:22:17

Highest Channel/ 1RB



Date: 17.APR.2015 13:23:13

Highest Channel / Full RB



Date: 17.APR.2015 13:24:36

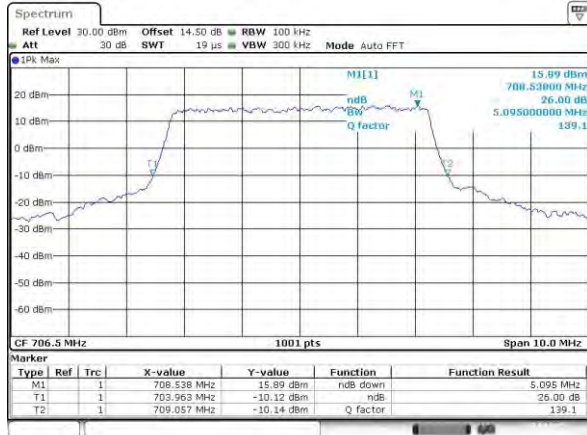
**26dB Bandwidth**

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	-	-	-	-	5.10	5.11	10.37	10.41	-	-	-	-
Middle CH	-	-	-	-	5.07	5.08	10.31	10.29	-	-	-	-
Highest CH	-	-	-	-	5.09	5.07	10.23	10.29	-	-	-	-

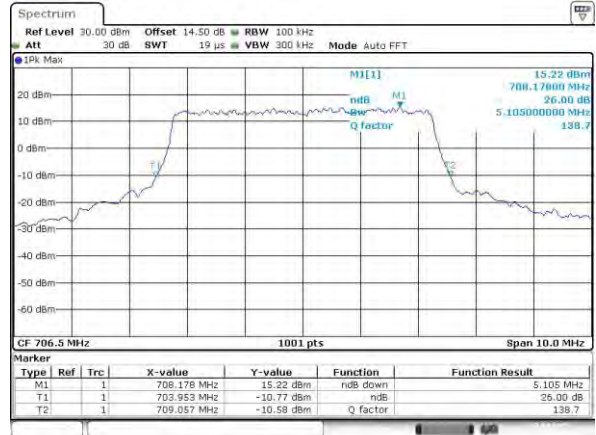


LTE Band 17

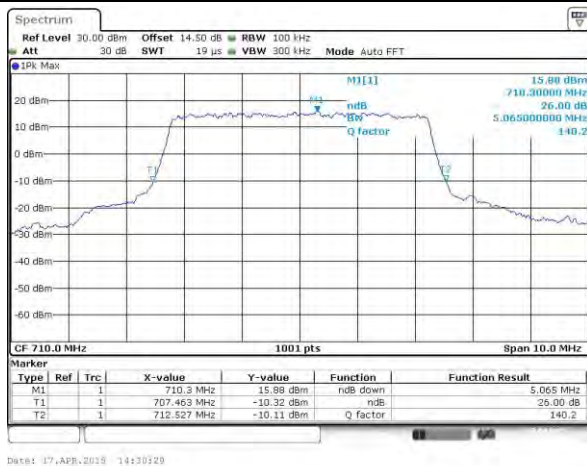
Lowest Channel / 5MHz / QPSK



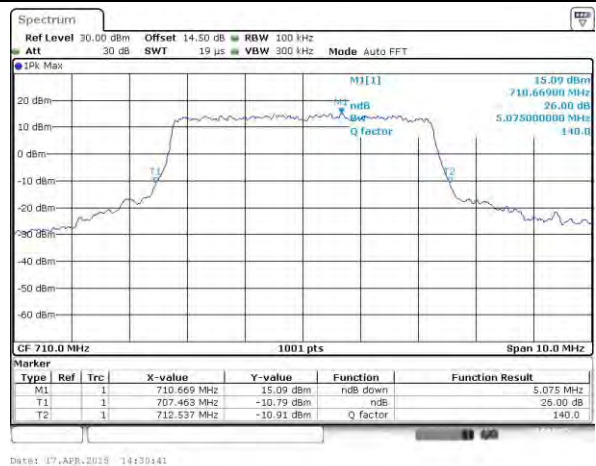
Lowest Channel / 5MHz / 16QAM



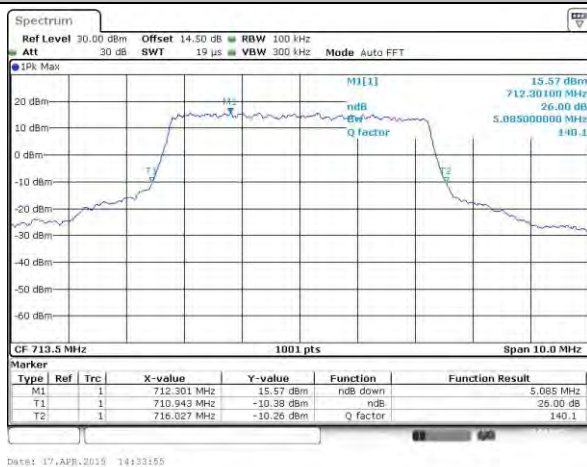
Middle Channel / 5MHz / QPSK



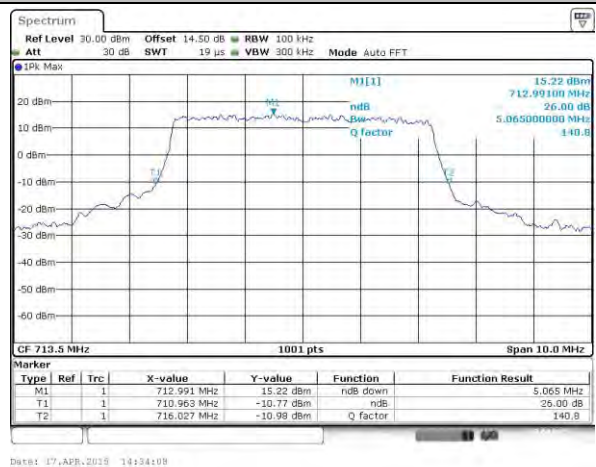
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



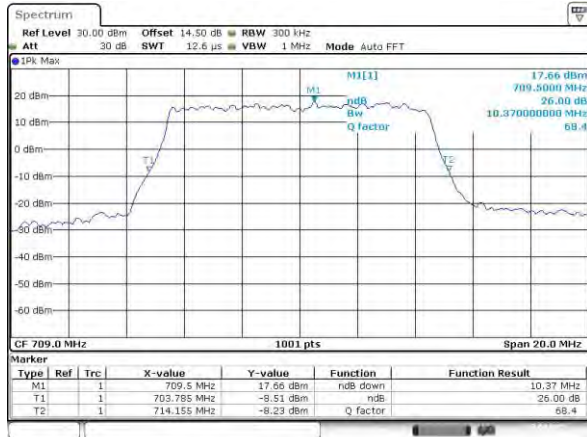
Highest Channel / 5MHz / 16QAM



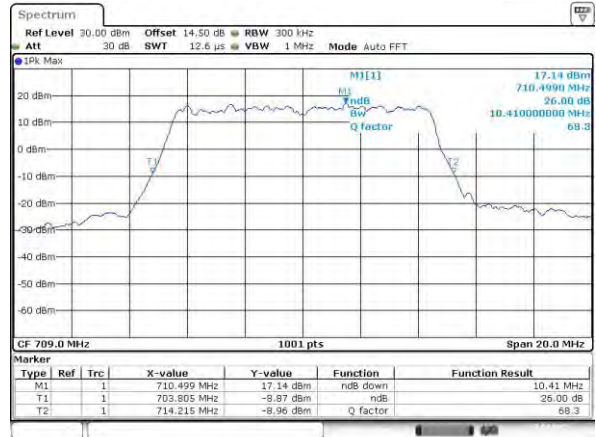


LTE Band 17

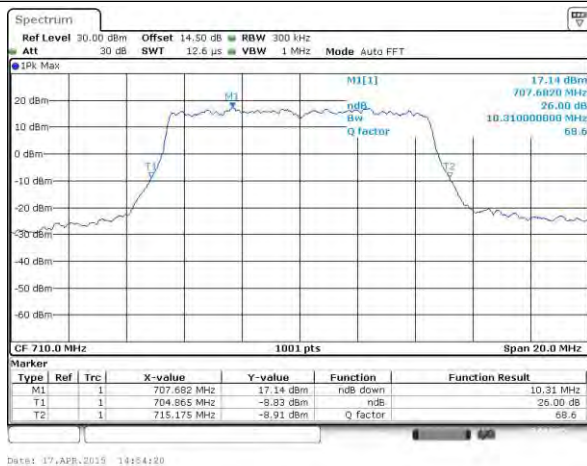
Lowest Channel / 10MHz / QPSK



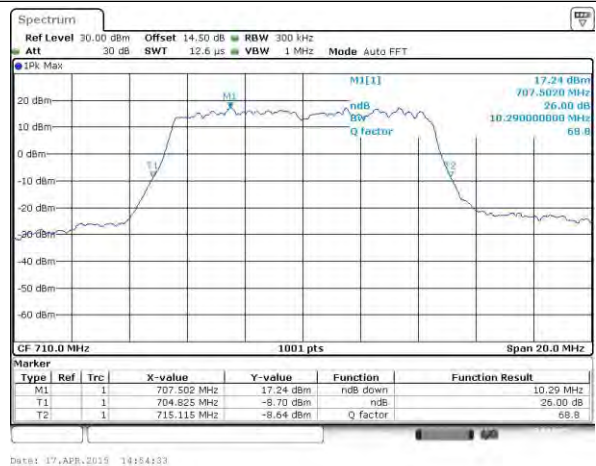
Lowest Channel / 10MHz / 16QAM



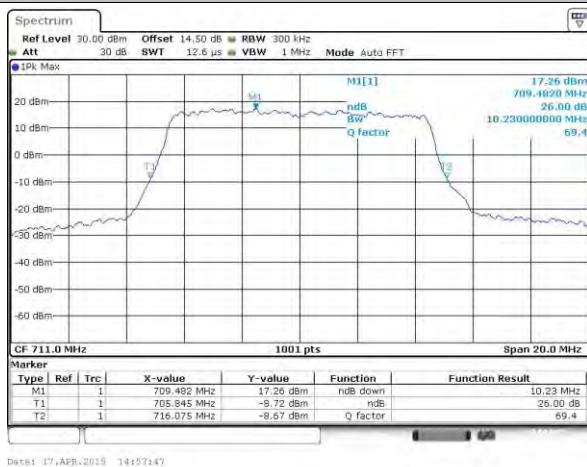
Middle Channel / 10MHz / QPSK



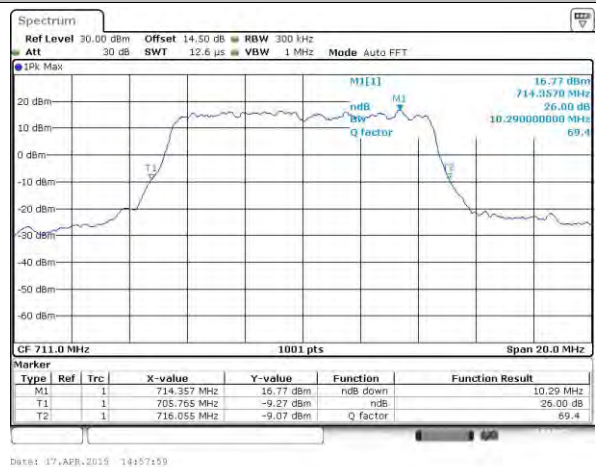
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



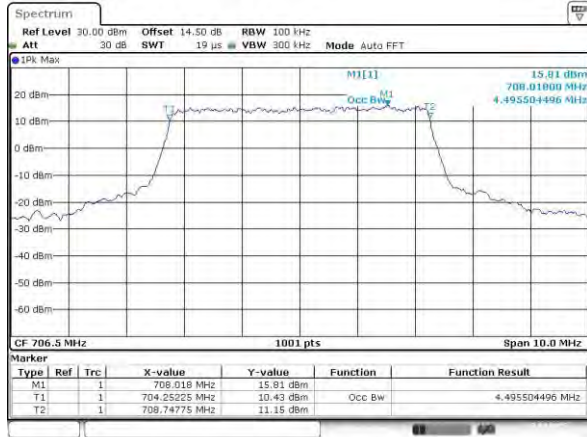
**Occupied Bandwidth**

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	-	-	-	-	4.50	4.50	9.03	9.05	-	-	-	-
Middle CH	-	-	-	-	4.48	4.49	9.03	9.01	-	-	-	-
Highest CH	-	-	-	-	4.50	4.50	9.09	9.01	-	-	-	-



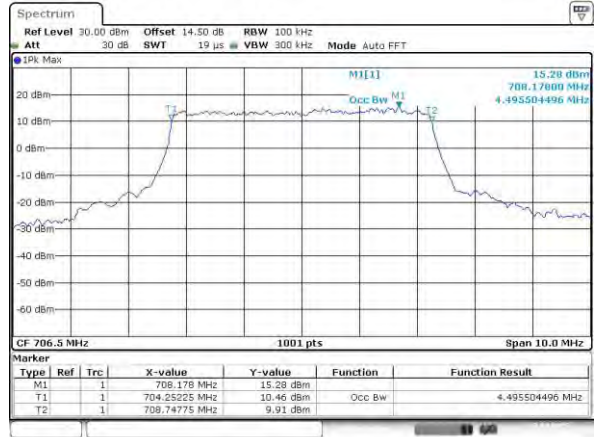
LTE Band 17

Lowest Channel / 5MHz / QPSK



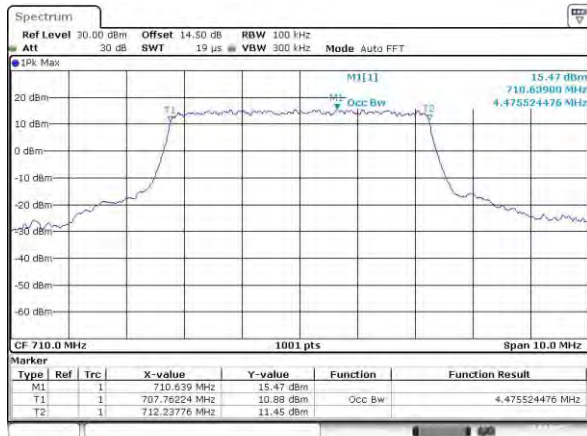
Date: 17, APR, 2015 14:38:26

Lowest Channel / 5MHz / 16QAM



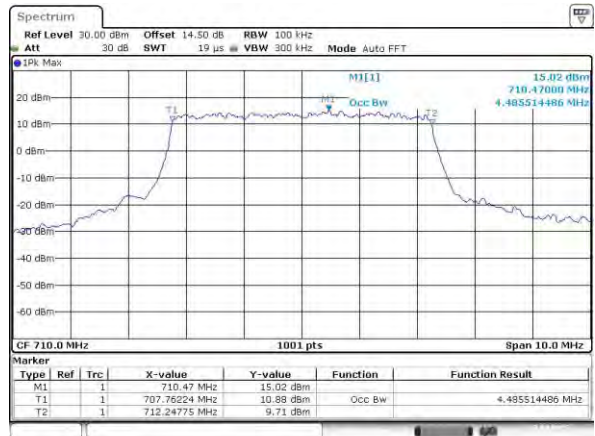
Date: 17, APR, 2015 14:38:04

Middle Channel / 5MHz / QPSK



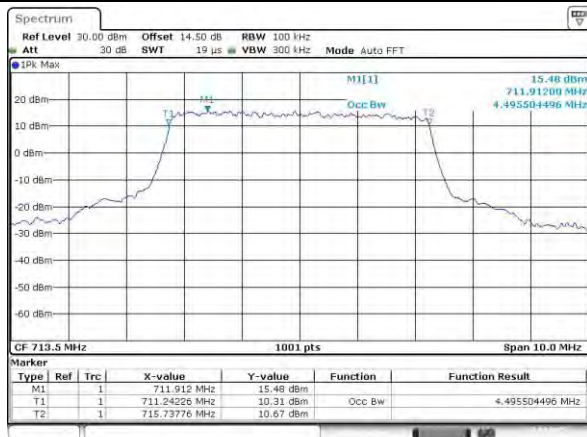
Date: 17, APR, 2015 14:38:06

Middle Channel / 5MHz / 16QAM



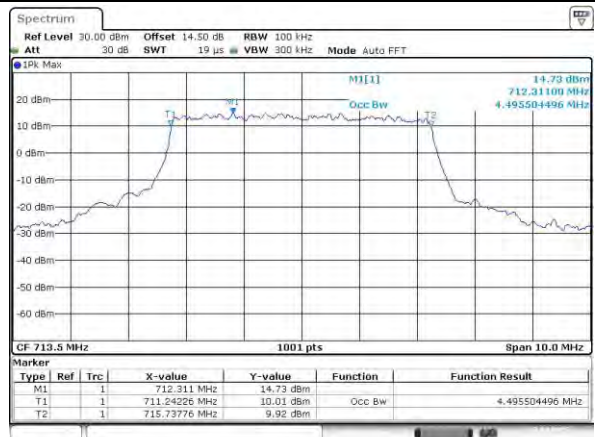
Date: 17, APR, 2015 14:38:17

Highest Channel / 5MHz / QPSK



Date: 17, APR, 2015 14:33:33

Highest Channel / 5MHz / 16QAM

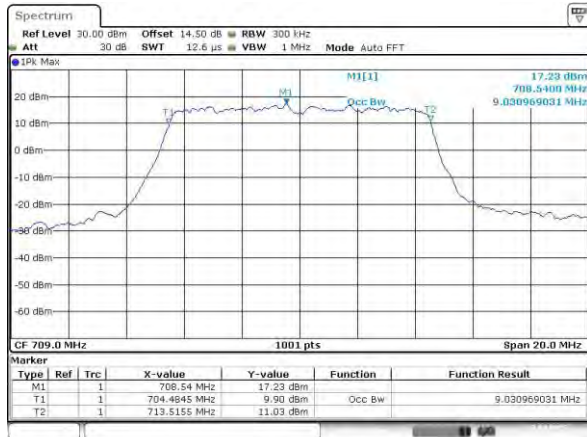


Date: 17, APR, 2015 14:33:43

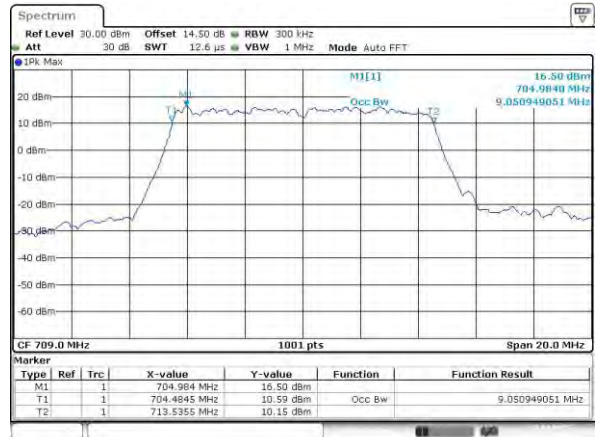


LTE Band 17

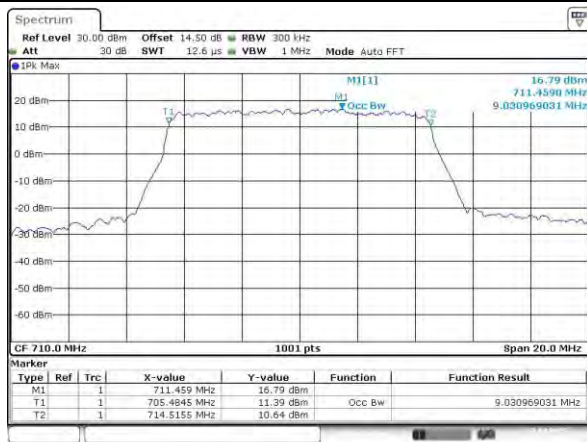
Lowest Channel / 10MHz / QPSK



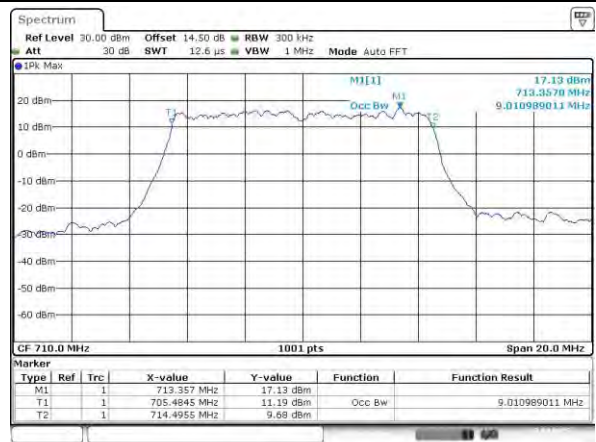
Lowest Channel / 10MHz / 16QAM



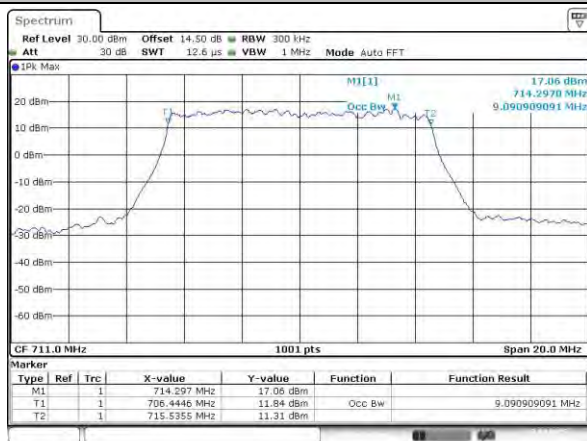
Middle Channel / 10MHz / QPSK



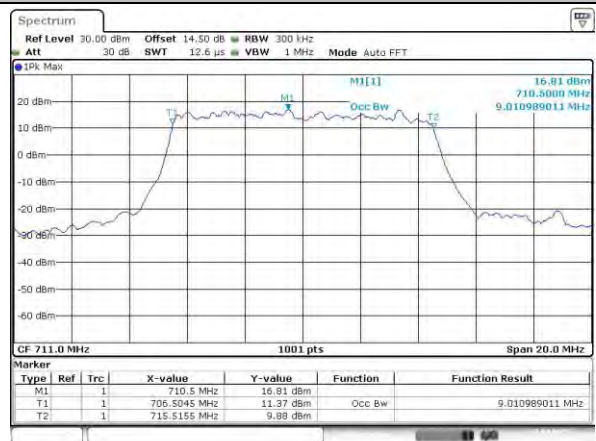
Middle Channel / 10MHz / 16QAM

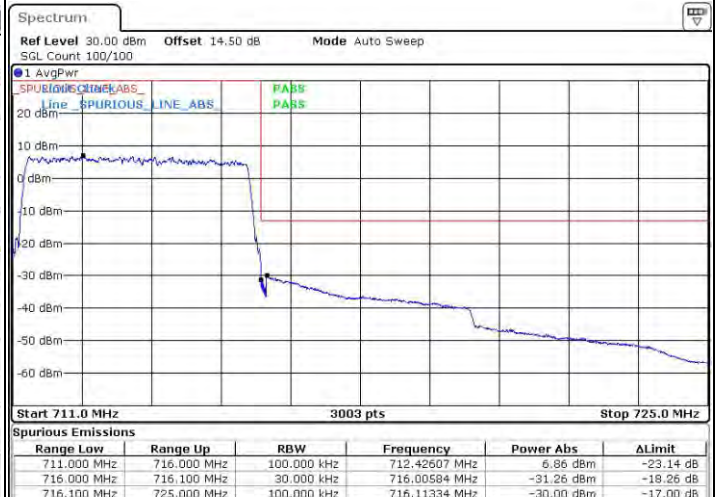


Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

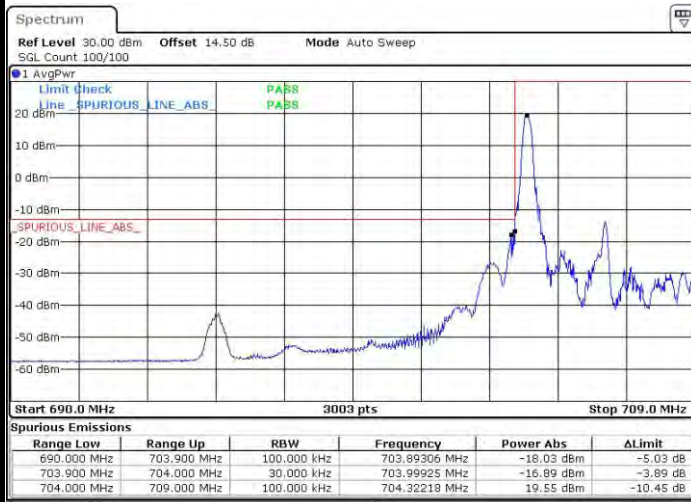


**Conducted Band Edge****LTE Band 17 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 17 / 5MHz / 16QAM

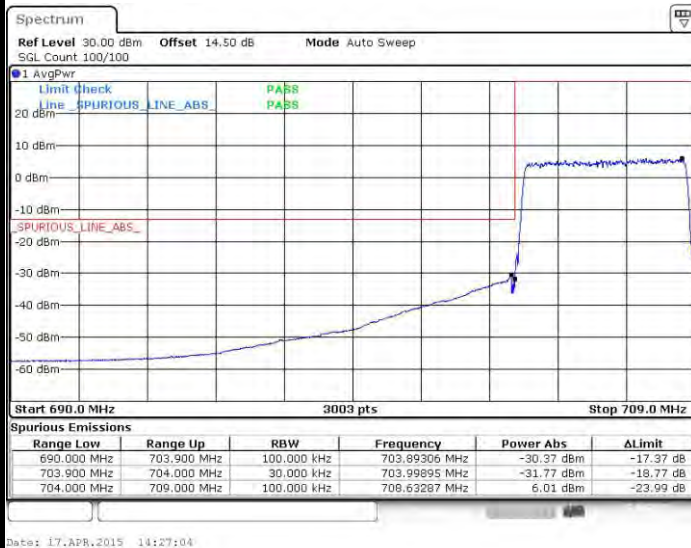
Lowest Band Edge / 1 RB



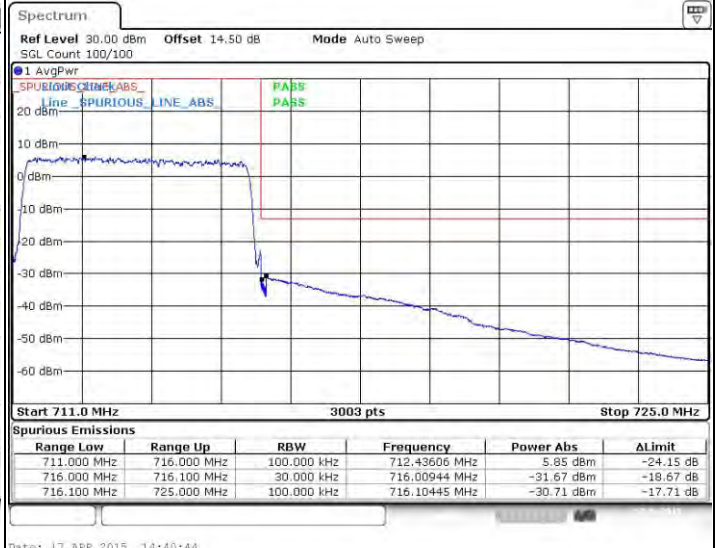
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



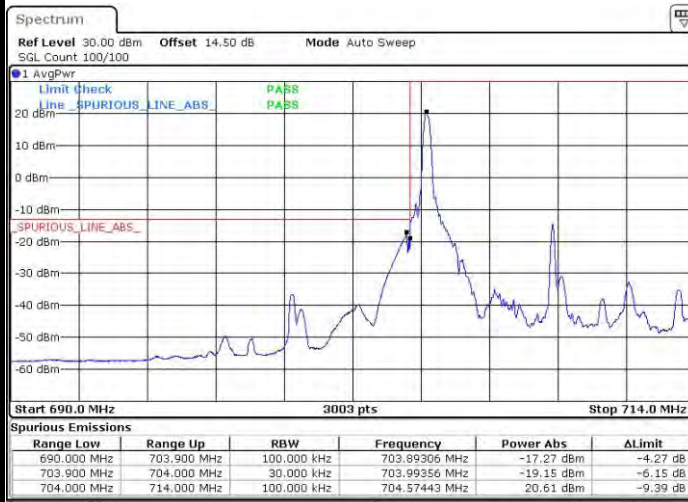
Highest Band Edge / Full RB





LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



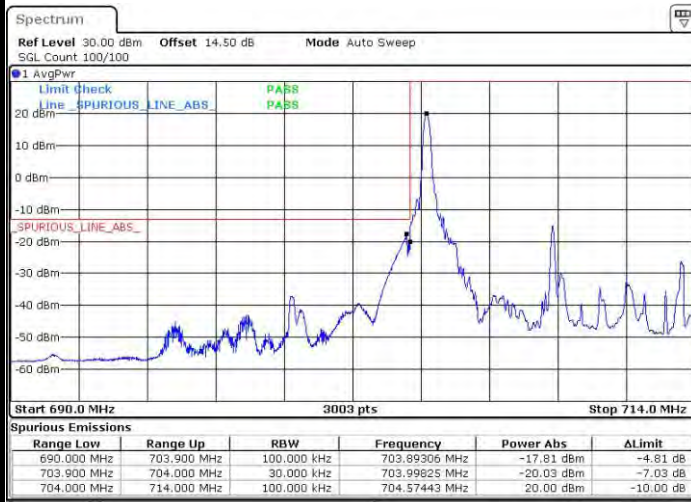
Highest Band Edge / Full RB





LTE Band 17 / 10MHz / 16QAM

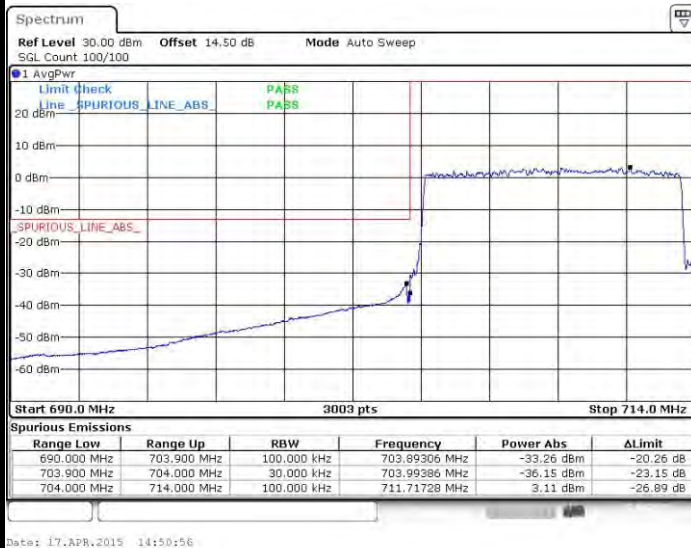
Lowest Band Edge / 1 RB



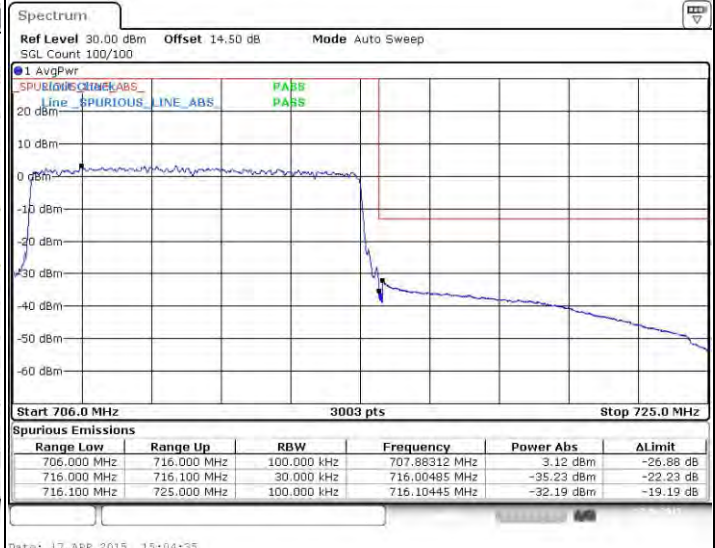
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Conducted Spurious Emission

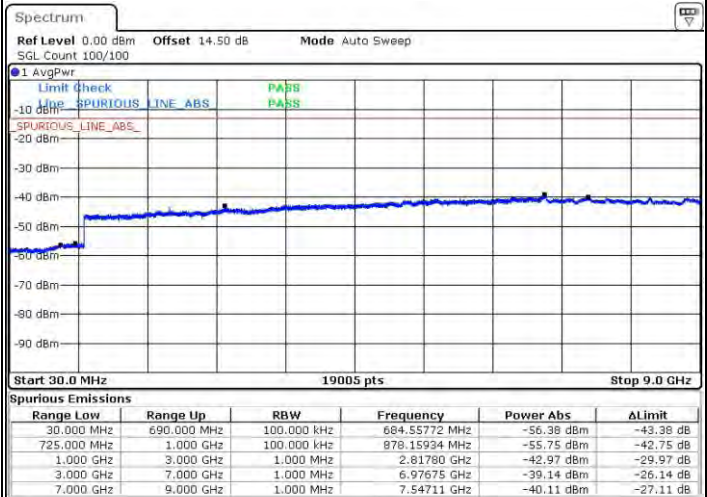
LTE Band 17 / 5MHz

Lowest Channel / QPSK



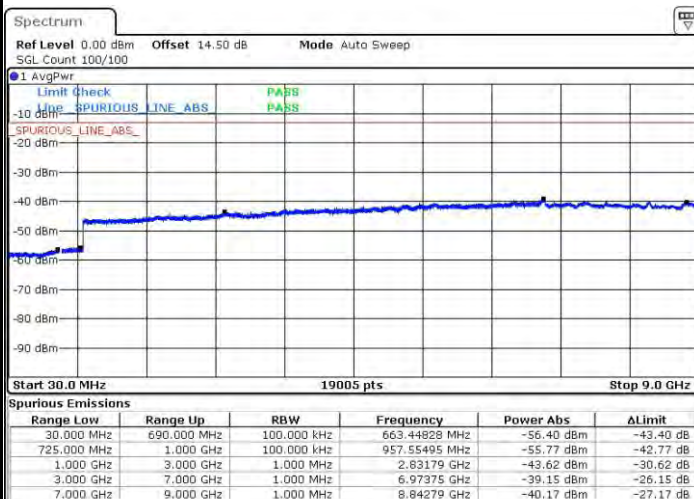
Date: 17.APR.2015 14:28:24

Lowest Channel / 16QAM



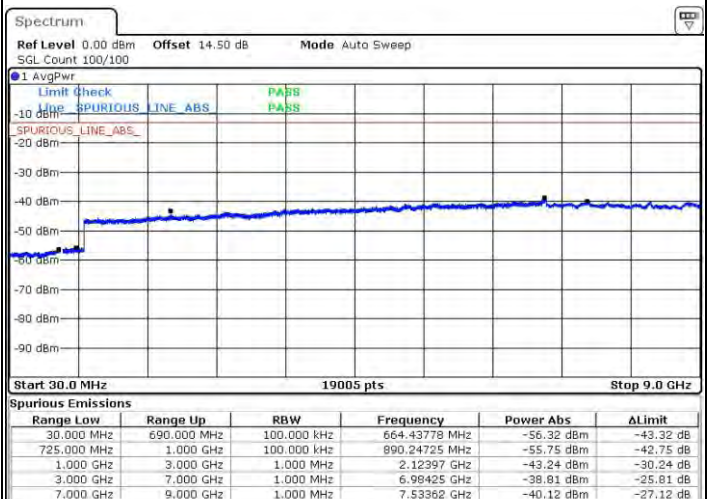
Date: 17.APR.2015 14:29:45

Middle Channel / QPSK



Date: 17.APR.2015 14:31:31

Middle Channel / 16QAM

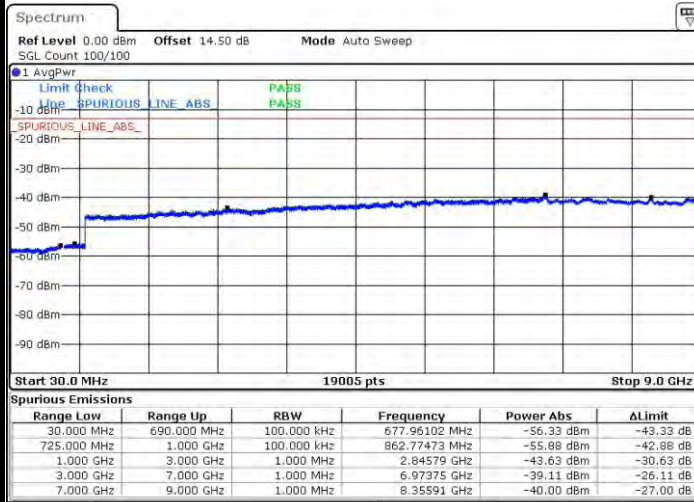


Date: 17.APR.2015 14:33:12



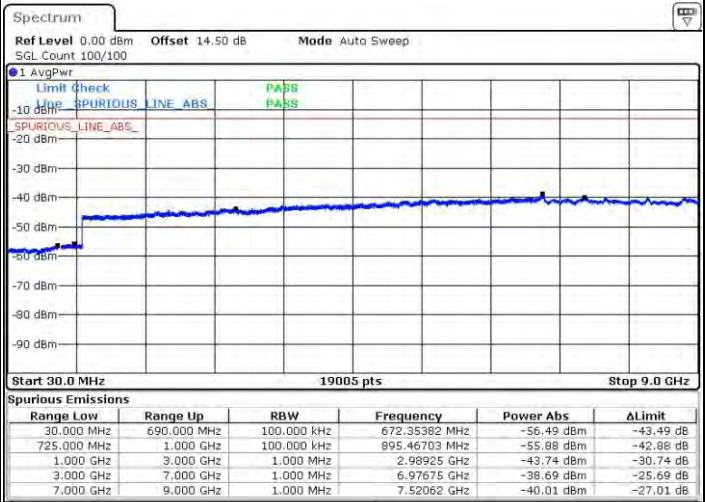
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 17.APR.2015 14:42:03

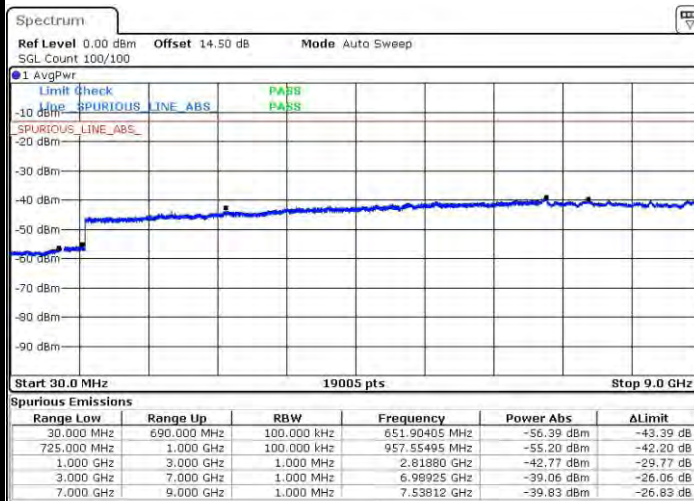
Highest Channel / 16QAM



Date: 17.APR.2015 14:43:24

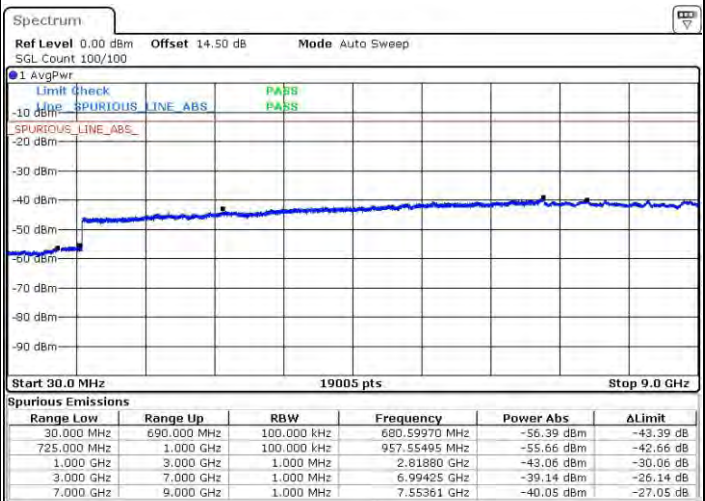
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 17.APR.2015 14:52:16

Lowest Channel / 16QAM

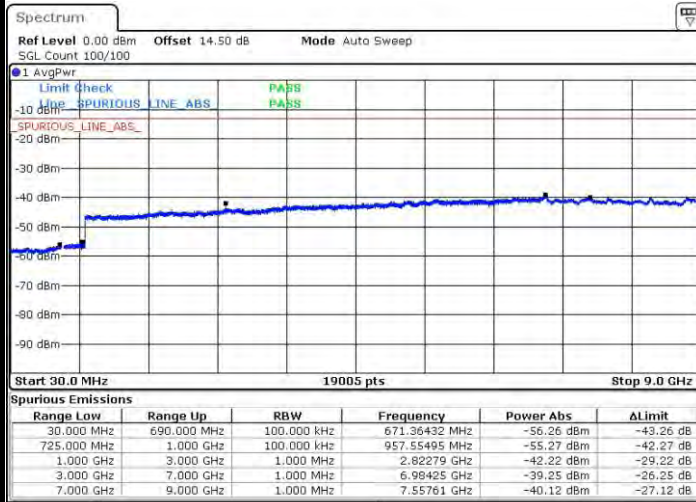


Date: 17.APR.2015 14:53:37



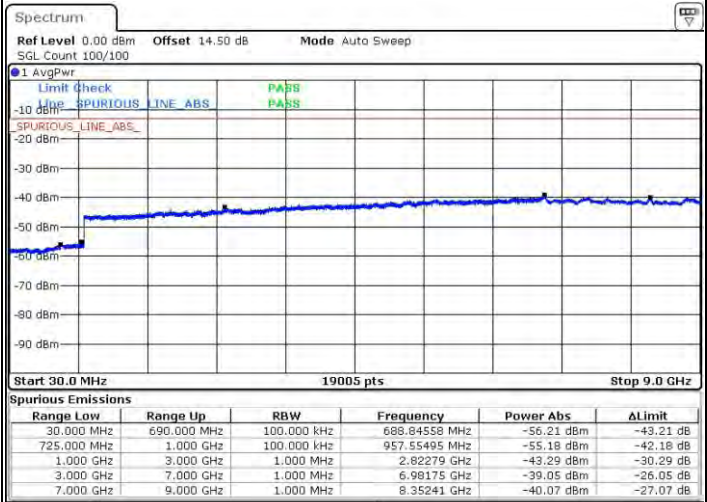
LTE Band 17 / 10MHz

Middle Channel / QPSK



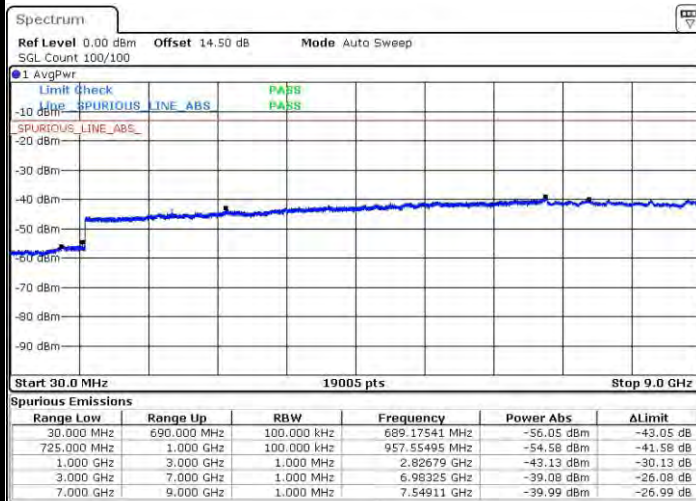
Date: 17.APR.2015 14:55:42

Middle Channel / 16QAM



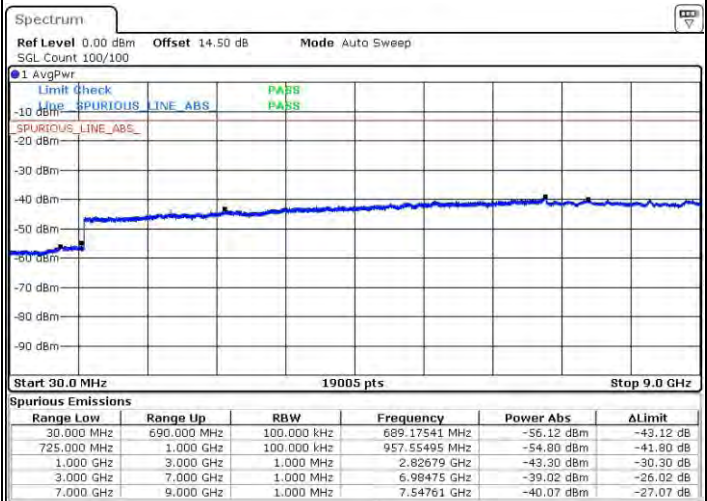
Date: 17.APR.2015 14:57:03

Highest Channel / QPSK



Date: 17.APR.2015 15:05:34

Highest Channel / 16QAM



Date: 17.APR.2015 15:07:14

**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	0.0000	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 3.3V. ; Battery End Point (BEP) = 3.135 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							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	23.44	0.2208	8.33	0.0068
Middle		3	2	23.27	0.2123	6.88	0.0049
Highest		1	5	23.20	0.2089	5.32	0.0034
Lowest	16QAM	1	2	22.15	0.1641	6.09	0.0041
Middle		1	0	21.95	0.1567	4.62	0.0029
Highest		1	0	22.10	0.1622	3.78	0.0024
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.65	0.1841	8.20	0.0066
Middle		1	7	22.57	0.1807	6.70	0.0047
Highest		1	0	22.97	0.1982	4.84	0.0030
Lowest	16QAM	1	7	21.96	0.1570	5.74	0.0037
Middle		1	7	21.85	0.1531	6.11	0.0041
Highest		1	0	22.17	0.1648	4.06	0.0025
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.00	0.1995	8.34	0.0068
Middle		1	12	22.97	0.1982	6.20	0.0042
Highest		1	0	23.12	0.2051	7.26	0.0053
Lowest	16QAM	1	24	22.04	0.1600	5.95	0.0039
Middle		1	12	21.94	0.1563	4.61	0.0029
Highest		1	12	22.13	0.1633	3.66	0.0023
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.43	0.2203	8.37	0.0069
Middle		1	0	23.19	0.2084	7.26	0.0053
Highest		1	0	23.23	0.2104	5.82	0.0038
Lowest	16QAM	1	0	22.35	0.1718	6.27	0.0042
Middle		1	0	22.11	0.1626	5.09	0.0032
Highest		1	0	22.19	0.1656	4.00	0.0025
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.45	0.2213	8.30	0.0068
Middle		1	0	22.95	0.1972	6.65	0.0046
Highest		1	0	23.31	0.2143	6.60	0.0046
Lowest	16QAM	1	0	22.62	0.1828	6.56	0.0045
Middle		1	0	22.34	0.1714	5.55	0.0036
Highest		1	0	22.29	0.1694	3.97	0.0025
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.23	0.2104	8.24	0.0067
Middle		1	0	23.30	0.2138	7.93	0.0062
Highest		1	0	22.91	0.1954	6.40	0.0044
Lowest	16QAM	1	0	22.25	0.1679	6.25	0.0042
Middle		1	0	22.01	0.1589	5.36	0.0034
Highest		1	0	22.03	0.1596	4.00	0.0025
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	21.82	0.1521	13.63	0.0231
Middle		1	2	22.06	0.1607	12.94	0.0197
Highest		3	1	22.11	0.1626	12.32	0.0171
Lowest	16QAM	1	0	20.89	0.1227	12.68	0.0185
Middle		1	2	21.93	0.1560	12.89	0.0195
Highest		1	2	21.25	0.1334	11.48	0.0141
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.82	0.1521	13.61	0.0230
Middle		1	0	22.00	0.1585	12.91	0.0195
Highest		1	0	22.24	0.1675	12.49	0.0177
Lowest	16QAM	1	14	20.81	0.1205	12.46	0.0176
Middle		1	0	21.08	0.1282	12.00	0.0158
Highest		1	0	21.37	0.1371	11.62	0.0145
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.81	0.1517	13.66	0.0232
Middle		1	12	21.96	0.1570	12.88	0.0194
Highest		1	0	22.25	0.1679	12.56	0.0180
Lowest	16QAM	1	0	20.80	0.1202	12.58	0.0181
Middle		1	0	20.93	0.1239	11.94	0.0156
Highest		1	0	21.29	0.1346	11.55	0.0143
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.02	0.1592	13.94	0.0248
Middle		1	0	22.26	0.1683	13.31	0.0214
Highest		1	0	22.48	0.1770	13.07	0.0203
Lowest	16QAM	1	0	20.77	0.1194	12.48	0.0177
Middle		1	0	20.84	0.1213	11.78	0.0151
Highest		1	0	21.17	0.1309	11.66	0.0147
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.04	0.1600	14.00	0.0251
Middle		1	0	22.12	0.1629	13.17	0.0207
Highest		1	0	22.35	0.1718	13.01	0.0200
Lowest	16QAM	1	0	20.97	0.1250	12.69	0.0186
Middle		1	0	20.93	0.1239	11.86	0.0153
Highest		1	0	21.26	0.1337	12.00	0.0158
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.97	0.1574	13.79	0.0239
Middle		1	0	21.89	0.1545	13.14	0.0206
Highest		1	0	22.28	0.1690	13.05	0.0202
Lowest	16QAM	1	0	20.71	0.1178	12.42	0.0175
Middle		1	0	20.90	0.1230	12.07	0.0161
Highest		1	0	21.25	0.1334	12.09	0.0162
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	24.39	0.2748	12.89	0.0195
Middle		3	2	24.98	0.3148	12.15	0.0164
Highest		1	2	25.00	0.3162	13.17	0.0207
Lowest	16QAM	1	5	23.44	0.2208	11.08	0.0128
Middle		1	0	23.54	0.2259	11.84	0.0153
Highest		1	2	23.91	0.2460	12.48	0.0177
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.69	0.2944	11.46	0.0140
Middle		8	0	24.03	0.2529	11.09	0.0129
Highest		1	0	25.21	0.3319	12.92	0.0196
Lowest	16QAM	1	7	23.47	0.2223	11.58	0.0144
Middle		1	0	23.53	0.2254	11.93	0.0156
Highest		1	14	23.96	0.2489	12.78	0.0190
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.74	0.2366	11.48	0.0141
Middle		1	0	24.95	0.3126	11.97	0.0157
Highest		1	0	25.14	0.3266	12.77	0.0189
Lowest	16QAM	1	0	23.49	0.2234	11.76	0.0150
Middle		1	0	23.53	0.2254	12.20	0.0166
Highest		1	12	23.93	0.2472	12.85	0.0193
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.83	0.3041	11.69	0.0148
Middle		1	0	24.91	0.3097	12.88	0.0194
Highest		1	0	25.19	0.3304	12.31	0.0170
Lowest	16QAM	1	0	23.39	0.2183	11.40	0.0138
Middle		1	0	23.37	0.2173	11.80	0.0151
Highest		1	0	23.75	0.2371	12.16	0.0164
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.19	0.1656	16.24	0.0421
Middle		1	12	22.96	0.1977	16.80	0.0479
Highest		1	0	24.22	0.2642	17.27	0.0533
Lowest	16QAM	1	0	21.40	0.1380	15.54	0.0358
Middle		1	0	22.09	0.1618	15.91	0.0390
Highest		1	0	23.51	0.2244	16.47	0.0444
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.36	0.1722	16.56	0.0453
Middle		1	0	22.99	0.1991	16.68	0.0466
Highest		1	0	24.28	0.2679	17.42	0.0552
Lowest	16QAM	1	0	21.61	0.1449	15.73	0.0374
Middle		1	49	22.41	0.1742	15.89	0.0388
Highest		1	24	23.52	0.2249	16.42	0.0439
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.59	0.1816	16.80	0.0479
Middle		1	0	23.12	0.2051	16.95	0.0495
Highest		1	0	24.26	0.2667	17.38	0.0547
Lowest	16QAM	1	0	21.76	0.1500	15.93	0.0392
Middle		1	0	22.30	0.1698	16.13	0.0410
Highest		1	0	23.49	0.2234	16.53	0.0450
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.68	0.1854	16.83	0.0482
Middle		1	0	23.03	0.2009	16.77	0.0475
Highest		1	0	24.10	0.2570	17.29	0.0536
Lowest	16QAM	1	0	21.91	0.1552	15.87	0.0386
Middle		1	0	22.12	0.1629	15.89	0.0388
Highest		1	0	23.44	0.2208	16.58	0.0455
Limit	EIRP < 2W			Result		PASS	



LTE Band 13 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.87	0.1936	11.52	0.0142
Middle		1	12	22.70	0.1862	11.64	0.0146
Highest		1	12	22.63	0.1832	11.76	0.0150
Lowest	16QAM	1	12	21.88	0.1542	10.48	0.0112
Middle		1	0	21.80	0.1514	10.05	0.0101
Highest		1	12	21.77	0.1503	10.83	0.0121
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
-	QPSK	-	-	-	-	-	-
Middle		1	24	22.56	0.1803	11.48	0.0141
-		-	-	-	-	-	-
-	16QAM	-	-	-	-	-	-
Middle		1	24	21.44	0.1393	11.55	0.0143
-		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.05	0.2018	7.89	0.0062
Middle		1	12	22.90	0.1950	7.91	0.0062
Highest		1	0	22.90	0.1950	7.86	0.0061
Lowest	16QAM	1	12	22.08	0.1614	7.01	0.0050
Middle		1	0	21.95	0.1567	6.97	0.0050
Highest		1	12	22.07	0.1611	7.14	0.0052
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.90	0.1950	7.83	0.0061
Middle		1	24	22.86	0.1932	7.91	0.0062
Highest		1	24	22.92	0.1959	7.90	0.0062
Lowest	16QAM	1	0	22.11	0.1626	7.00	0.0050
Middle		1	0	22.12	0.1629	7.00	0.0050
Highest		1	0	22.10	0.1622	7.08	0.0051
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	-43.45	-13	-30.45	-72.09	-55.18	0.87	12.60	H
	5638.38	-43.13	-13	-30.13	-73.45	-55.16	1.07	13.10	H
	7517.84	-44.10	-13	-31.10	-75.76	-53.53	1.87	11.30	H
	3758.92	-44.49	-13	-31.49	-72.94	-56.22	0.87	12.6	V
	5638.38	-42.04	-13	-29.04	-73.17	-54.07	1.07	13.1	V
	7517.84	-42.98	-13	-29.98	-74.87	-52.41	1.87	11.3	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	-44.09	-13	-31.09	-72.73	-55.82	0.87	12.60	H
	5638.38	-43.37	-13	-30.37	-73.69	-55.40	1.07	13.10	H
	7517.84	-43.90	-13	-30.90	-75.56	-53.33	1.87	11.30	H
	3758.92	-44.76	-13	-31.76	-73.21	-56.49	0.87	12.6	V
	5638.38	-42.48	-13	-29.48	-73.61	-54.51	1.07	13.1	V
	7517.84	-44.07	-13	-31.07	-75.96	-53.50	1.87	11.3	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	-44.17	-13	-31.17	-72.81	-55.90	0.87	12.60	H
	5633.52	-42.69	-13	-29.69	-73.01	-54.72	1.07	13.10	H
	7511.36	-43.20	-13	-30.20	-74.86	-52.63	1.87	11.30	H
	3755.68	-44.01	-13	-31.01	-72.46	-55.74	0.87	12.6	V
	5633.52	-42.12	-13	-29.12	-73.25	-54.15	1.07	13.1	V
	7511.36	-43.42	-13	-30.42	-75.31	-52.85	1.87	11.3	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	-44.13	-13	-31.13	-72.77	-55.86	0.87	12.60	H
	5626.77	-42.26	-13	-29.26	-72.58	-54.29	1.07	13.10	H
	7502.36	-42.94	-13	-29.94	-74.60	-52.37	1.87	11.30	H
	3751.18	-44.69	-13	-31.69	-73.14	-56.42	0.87	12.6	V
	5626.77	-42.39	-13	-29.39	-73.52	-54.42	1.07	13.1	V
	7502.36	-43.36	-13	-30.36	-75.25	-52.79	1.87	11.3	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	-43.92	-13	-30.92	-72.56	-55.65	0.87	12.60	H
	5620.02	-43.64	-13	-30.64	-73.96	-55.67	1.07	13.10	H
	7493.36	-44.13	-13	-31.13	-75.79	-53.56	1.87	11.30	H
	3746.68	-44.17	-13	-31.17	-72.62	-55.90	0.87	12.6	V
	5620.02	-41.49	-13	-28.49	-72.62	-53.52	1.07	13.1	V
	7493.36	-43.95	-13	-30.95	-75.84	-53.38	1.87	11.3	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	-44.63	-13	-31.63	-73.27	-56.36	0.87	12.60	H
	5613.27	-42.70	-13	-29.70	-73.02	-54.73	1.07	13.10	H
	7484.36	-43.92	-13	-30.92	-75.58	-53.35	1.87	11.30	H
	3742.18	-44.33	-13	-31.33	-72.78	-56.06	0.87	12.6	V
	5613.27	-42.00	-13	-29.00	-73.13	-54.03	1.07	13.1	V
	7484.36	-43.76	-13	-30.76	-75.65	-53.19	1.87	11.3	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	-44.89	-13	-31.89	-71.52	-56.68	0.81	12.60	H
	5195.88	-43.20	-13	-30.20	-72.72	-54.95	0.95	12.70	H
	6927.84	-44.70	-13	-31.70	-75.10	-55.27	1.13	11.70	H
	3463.92	-49.79	-13	-36.79	-72.07	-61.58	0.81	12.6	V
	5195.88	-48.47	-13	-35.47	-73	-60.22	0.95	12.7	V
	6927.84	-43.12	-13	-30.12	-74.93	-53.69	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	-45.35	-13	-32.35	-71.98	-57.14	0.81	12.60	H
	5193.72	-43.82	-13	-30.82	-73.34	-55.57	0.95	12.70	H
	6924.96	-44.83	-13	-31.83	-75.23	-55.40	1.13	11.70	H
	3462.48	-49.86	-13	-36.86	-72.14	-61.65	0.81	12.6	V
	5193.72	-48.68	-13	-35.68	-73.21	-60.43	0.95	12.7	V
	6924.96	-43.43	-13	-30.43	-75.24	-54.00	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	-45.07	-13	-32.07	-71.70	-56.86	0.81	12.60	H
	5191.02	-43.77	-13	-30.77	-73.29	-55.52	0.95	12.70	H
	6921.36	-44.51	-13	-31.51	-74.91	-55.08	1.13	11.70	H
	3460.68	-49.54	-13	-36.54	-71.82	-61.33	0.81	12.6	V
	5191.02	-48.60	-13	-35.60	-73.13	-60.35	0.95	12.7	V
	6921.36	-43.15	-13	-30.15	-74.96	-53.72	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	-44.82	-13	-31.82	-71.45	-56.61	0.81	12.60	H
	5184.27	-43.21	-13	-30.21	-72.73	-54.96	0.95	12.70	H
	6912.36	-44.51	-13	-31.51	-74.91	-55.08	1.13	11.70	H
	3456.18	-49.21	-13	-36.21	-71.49	-61.00	0.81	12.6	V
	5184.27	-48.29	-13	-35.29	-72.82	-60.04	0.95	12.7	V
	6912.36	-42.88	-13	-29.88	-74.69	-53.45	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	-44.42	-13	-31.42	-71.05	-56.21	0.81	12.60	H
	5177.52	-43.29	-13	-30.29	-72.81	-55.04	0.95	12.70	H
	6903.36	-44.23	-13	-31.23	-74.63	-54.80	1.13	11.70	H
	3451.68	-49.13	-13	-36.13	-71.41	-60.92	0.81	12.6	V
	5177.52	-48.55	-13	-35.55	-73.08	-60.30	0.95	12.7	V
	6903.36	-43.19	-13	-30.19	-75	-53.76	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	-43.85	-13	-30.85	-70.48	-55.64	0.81	12.60	H
	5170.77	-43.18	-13	-30.18	-72.70	-54.93	0.95	12.70	H
	6894.36	-44.62	-13	-31.62	-75.02	-55.19	1.13	11.70	H
	3447.18	-49.18	-13	-36.18	-71.46	-60.97	0.81	12.6	V
	5170.77	-47.96	-13	-34.96	-72.49	-59.71	0.95	12.7	V
	6894.36	-42.86	-13	-29.86	-74.67	-53.43	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	1671.92	-52.89	-13	-39.89	-66.45	-55.86	0.88	6.00	H
	2507.88	-49.05	-13	-36.05	-70.48	-51.66	1.08	5.84	H
	3343.84	-61.45	-13	-48.45	-72.05	-65.82	1.14	7.66	H
	1671.92	-57.66	-13	-44.66	-68.29	-60.63	0.88	6.00	V
	2507.88	-51.22	-13	-38.22	-70.53	-53.83	1.08	5.84	V
	3343.84	-59.78	-13	-46.78	-71.61	-64.15	1.14	7.66	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	1670.48	-52.86	-13	-39.86	-66.42	-55.83	0.88	6.00	H
	2505.72	-49.07	-13	-36.07	-70.51	-51.68	1.08	5.84	H
	3340.96	-60.85	-13	-47.85	-71.45	-65.22	1.14	7.66	H
	1670.48	-56.36	-13	-43.36	-66.99	-59.33	0.88	6.00	V
	2505.72	-51.19	-13	-38.19	-70.52	-53.80	1.08	5.84	V
	3340.96	-60.17	-13	-47.17	-72.00	-64.54	1.14	7.66	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	1668.68	-53.18	-13	-40.18	-66.62	-56.15	0.88	6.00	H
	2503.02	-49.36	-13	-36.36	-70.84	-51.97	1.08	5.84	H
	3337.36	-60.98	-13	-47.98	-71.58	-65.35	1.14	7.66	H
	1668.68	-56.95	-13	-43.95	-67.58	-59.92	0.88	6.00	V
	2503.02	-50.29	-13	-37.29	-70.06	-52.90	1.08	5.84	V
	3337.36	-60.03	-13	-47.03	-71.86	-64.40	1.14	7.66	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	1664.18	-52.16	-13	-39.16	-65.72	-55.13	0.88	6.00	H
	2496.27	-48.40	-13	-35.40	-70.23	-51.01	1.08	5.84	H
	3328.36	-61.05	-13	-48.05	-71.65	-65.42	1.14	7.66	H
	1664.18	-57.78	-13	-44.78	-68.41	-60.75	0.88	6.00	V
	2496.27	-50.52	-13	-37.52	-70.19	-53.13	1.08	5.84	V
	3328.36	-58.70	-13	-45.70	-70.53	-63.07	1.14	7.66	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	-41.59	-25	-16.59	-73.57	-53.34	0.95	12.70	H
	7598.52	-38.57	-25	-13.57	-75.46	-48.81	1.46	11.70	H
	10131.36	-38.92	-25	-13.92	-77.39	-49.71	1.31	12.10	H
	5065.68	-38.12	-25	-13.12	-71.53	-49.87	0.95	12.70	V
	7598.52	-39.66	-25	-14.66	-76.54	-49.90	1.46	11.70	V
	10131.36	-40.70	-25	-15.70	-77.6	-51.49	1.31	12.10	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	-41.02	-25	-16.02	-73.00	-52.77	0.95	12.70	H
	7591.77	-38.66	-25	-13.66	-75.55	-48.90	1.46	11.70	H
	10122.36	-38.75	-25	-13.75	-77.22	-49.54	1.31	12.10	H
	5061.18	-36.88	-25	-11.88	-71.13	-48.63	0.95	12.70	V
	7591.77	-39.00	-25	-14.00	-75.88	-49.24	1.46	11.70	V
	10122.36	-40.53	-25	-15.53	-77.43	-51.32	1.31	12.10	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	-42.28	-25	-17.28	-74.26	-54.03	0.95	12.70	H
	7585.02	-39.43	-25	-14.43	-76.32	-49.67	1.46	11.70	H
	10131.36	-38.65	-25	-13.65	-77.12	-49.44	1.31	12.10	H
	5056.68	-38.27	-25	-13.27	-71.67	-50.02	0.95	12.70	V
	7585.02	-39.14	-25	-14.14	-76.02	-49.38	1.46	11.70	V
	10131.36	-40.05	-25	-15.05	-76.95	-50.84	1.31	12.10	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	-40.50	-25	-15.50	-72.64	-52.25	0.95	12.70	H
	7578.27	-38.79	-25	-13.79	-75.68	-49.03	1.46	11.70	H
	10104.36	-38.68	-25	-13.68	-77.15	-49.47	1.31	12.10	H
	5052.18	-36.52	-25	-11.52	-70.71	-48.27	0.95	12.70	V
	7578.27	-38.56	-25	-13.56	-75.44	-48.80	1.46	11.70	V
	10104.36	-40.30	-25	-15.30	-77.2	-51.09	1.31	12.10	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	1561	-44.16	-40	-4.16	-60.40	-50.84	0.57	9.40	H
	2341	-43.42	-13	-30.42	-65.63	-51.12	0.75	10.60	H
	3118	-38.71	-13	-25.71	-66.58	-48.29	0.87	12.60	H
	1561	-47.68	-40	-7.68	-63.97	-54.36	0.57	9.40	V
	2341	-33.20	-13	-20.20	-60.32	-40.90	0.75	10.60	V
	3118	-29.13	-13	-16.13	-61.61	-38.71	0.87	12.60	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	1555.18	-45.05	-13	-32.05	-61.20	-51.73	0.57	9.40	H
	2332.77	-43.28	-13	-30.28	-65.43	-50.98	0.75	10.60	H
	3110.36	-38.69	-13	-25.69	-66.55	-48.27	0.87	12.60	H
	1555.18	-47.92	-13	-34.92	-64.17	-54.60	0.57	9.40	V
	2332.77	-34.12	-13	-21.12	-61.10	-41.82	0.75	10.60	V
	3110.36	-31.36	-13	-18.36	-63.26	-40.94	0.87	12.60	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	-54.32	-13	-41.32	-68.53	-61.00	0.57	9.40	H
	2123.52	-41.09	-13	-28.09	-64.17	-48.79	0.75	10.60	H
	2831.36	-44.99	-13	-31.99	-70.92	-54.57	0.87	12.60	H
	1415.68	-54.15	-13	-41.15	-68.74	-60.83	0.57	9.40	V
	2123.52	-46.76	-13	-33.76	-70.23	-54.46	0.75	10.60	V
	2831.36	-40.86	-13	-27.86	-70.85	-50.44	0.87	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	-51.65	-13	-38.65	-66.17	-58.33	0.57	9.40	H
	2116.77	-37.87	-13	-24.87	-61.80	-45.57	0.75	10.60	H
	2822.36	-44.21	-13	-31.21	-70.14	-53.79	0.87	12.60	H
	1411.18	-54.52	-13	-41.52	-69.19	-61.20	0.57	9.40	V
	2116.77	-40.40	-13	-27.40	-66.16	-48.10	0.75	10.60	V
	2822.36	-39.79	-13	-26.79	-69.96	-49.37	0.87	12.60	V

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