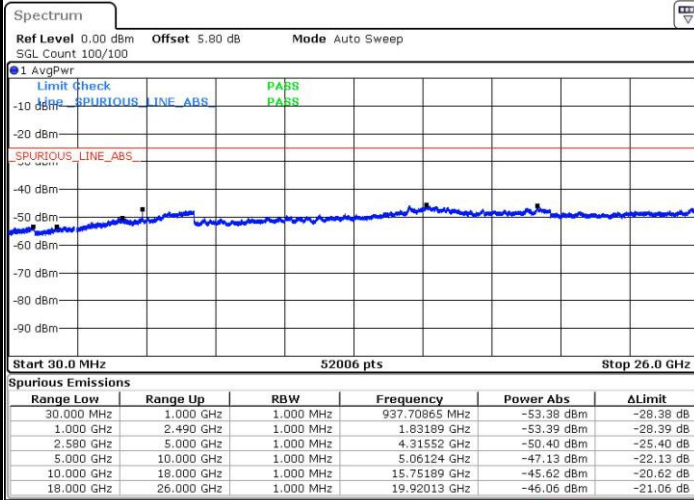




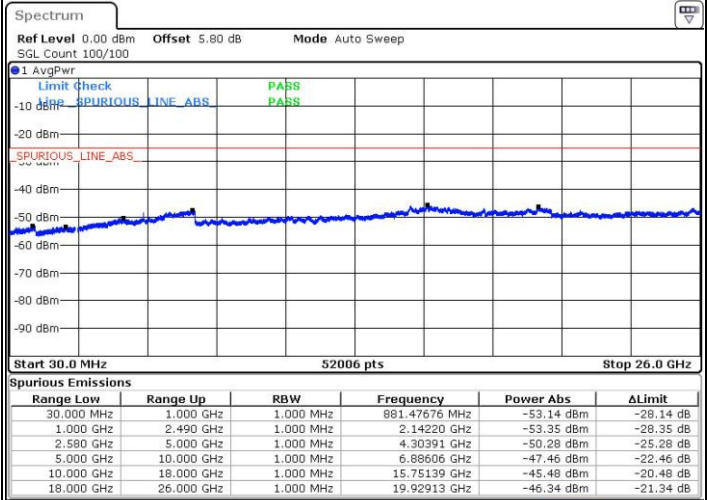
LTE Band 7 / 10MHz

Middle Channel / QPSK



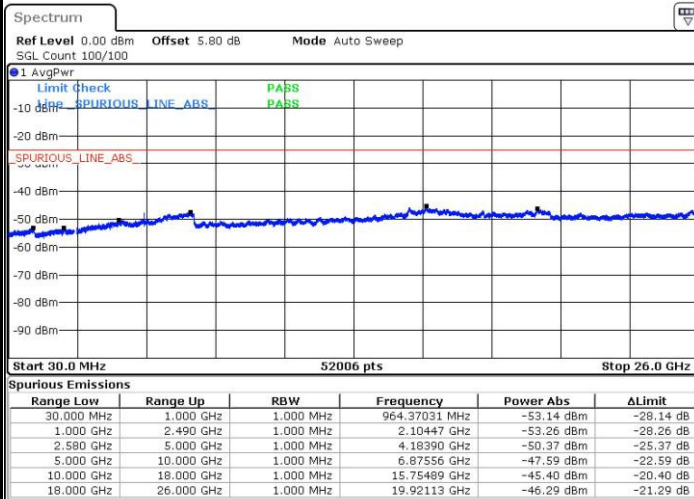
Date: 23 APR 2016 23:11:03

Middle Channel / 16QAM



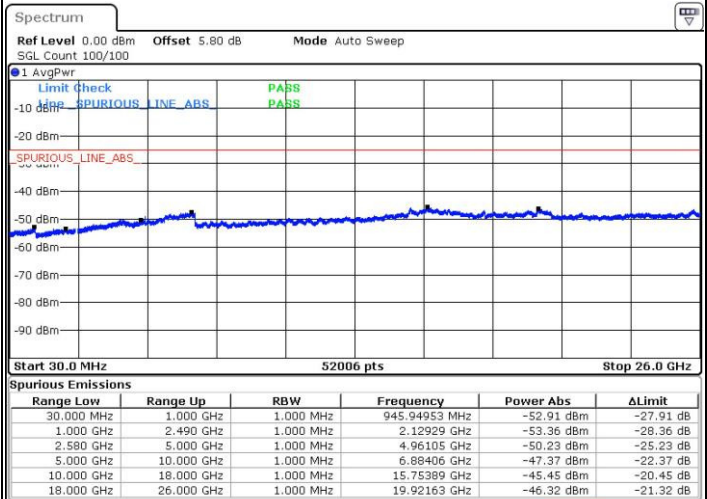
Date: 23 APR 2016 21:47:50

Highest Channel / QPSK



Date: 23 APR 2016 21:49:39

Highest Channel / 16QAM

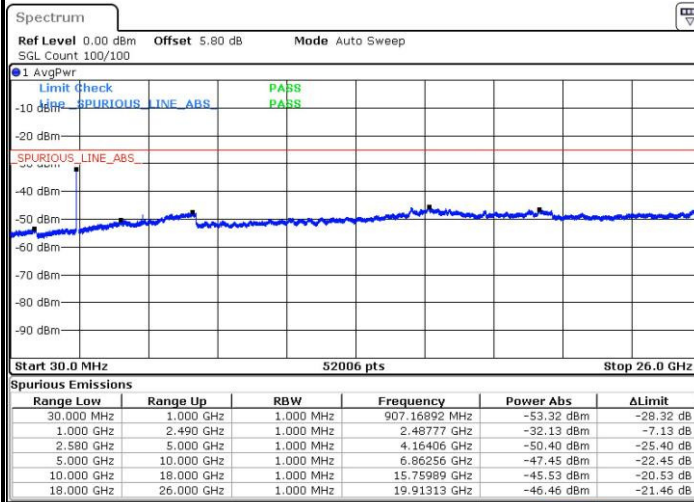


Date: 23 APR 2016 21:50:33



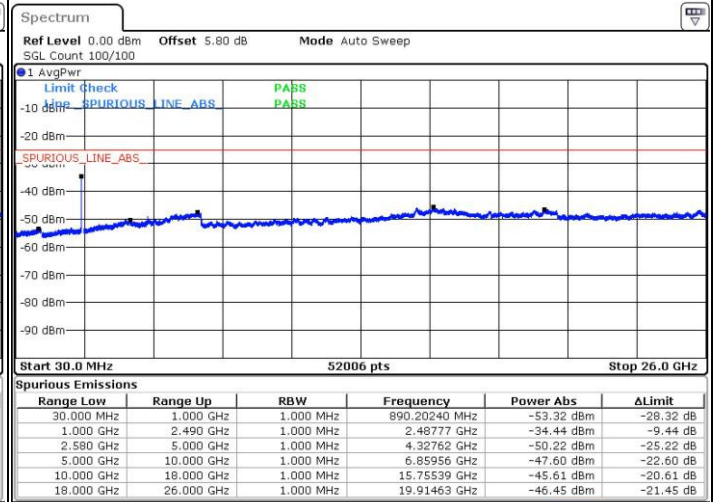
LTE Band 7 / 15MHz

Lowest Channel / QPSK



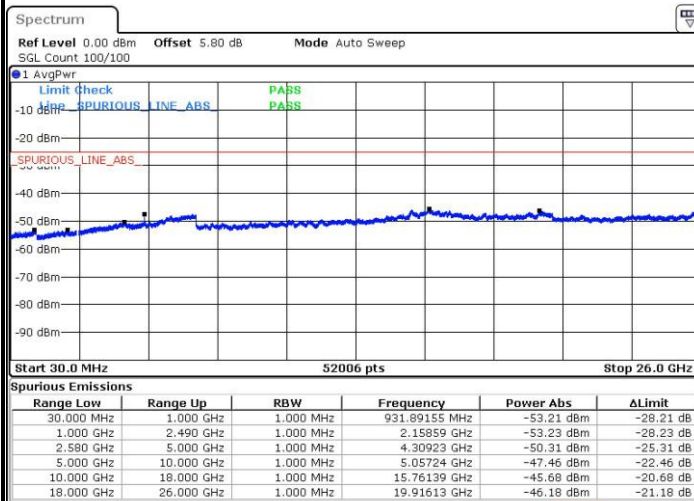
Date: 23 APR 2016 22:37:48

Lowest Channel / 16QAM



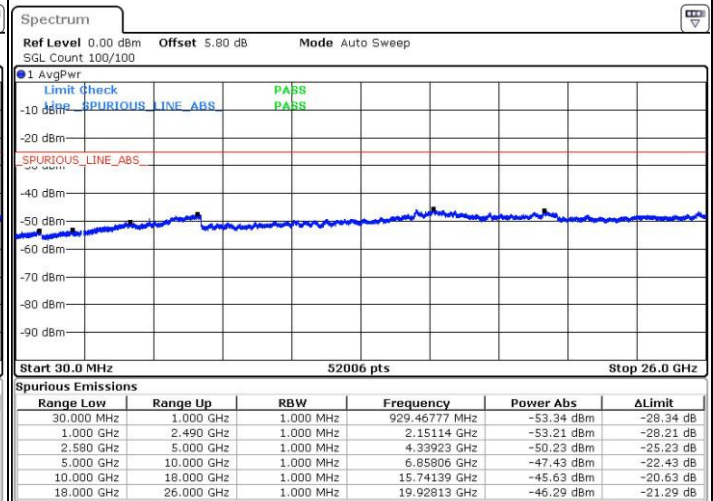
Date: 23 APR 2016 22:46:07

Middle Channel / QPSK



Date: 23 APR 2016 22:43:35

Middle Channel / 16QAM

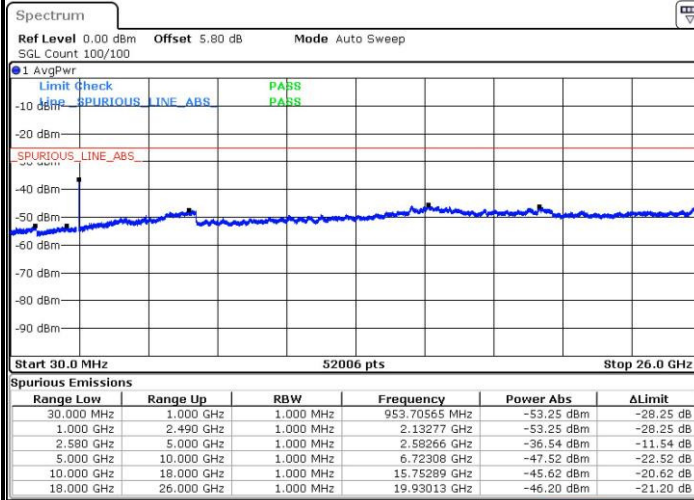


Date: 23 APR 2016 22:42:49



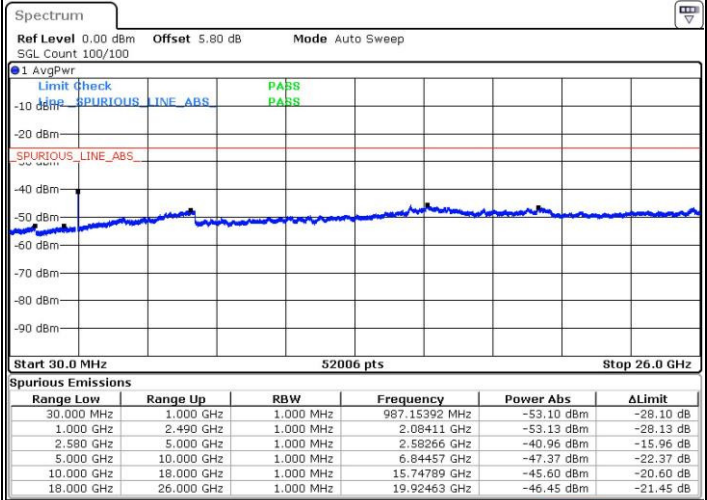
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 23 APR 2016 22:44:27

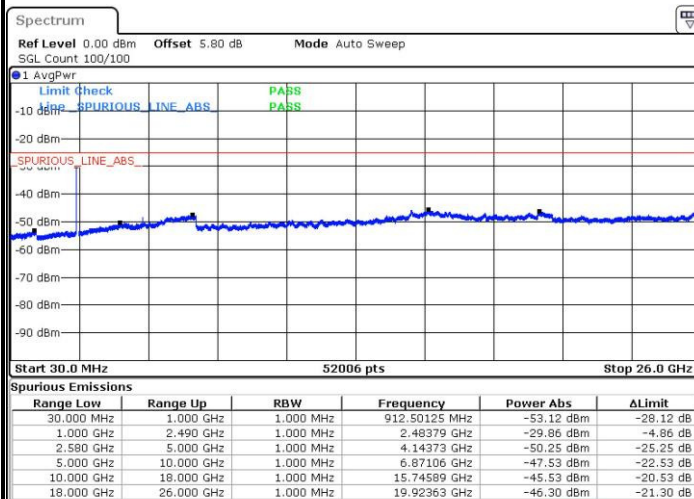
Highest Channel / 16QAM



Date: 23 APR 2016 22:45:14

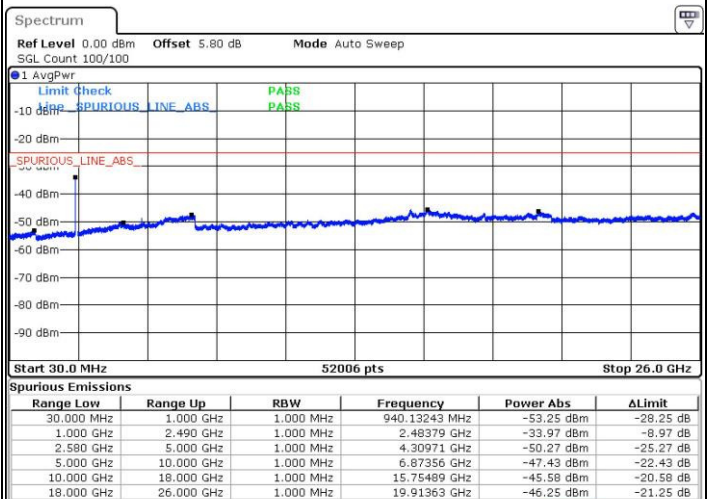
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 23 APR 2016 22:56:47

Lowest Channel / 16QAM

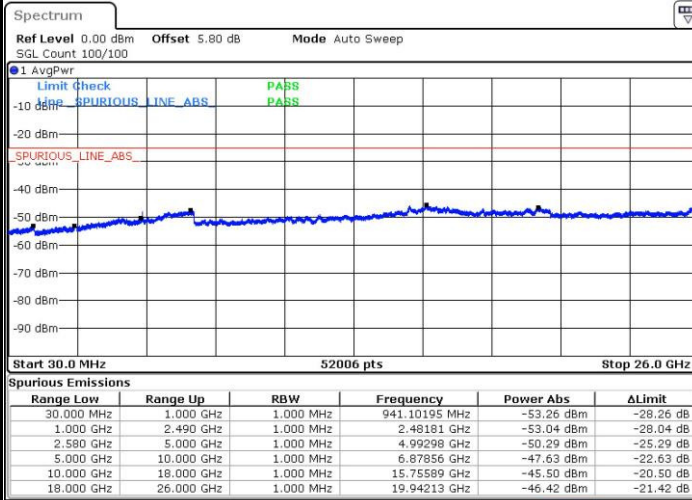


Date: 23 APR 2016 22:55:59



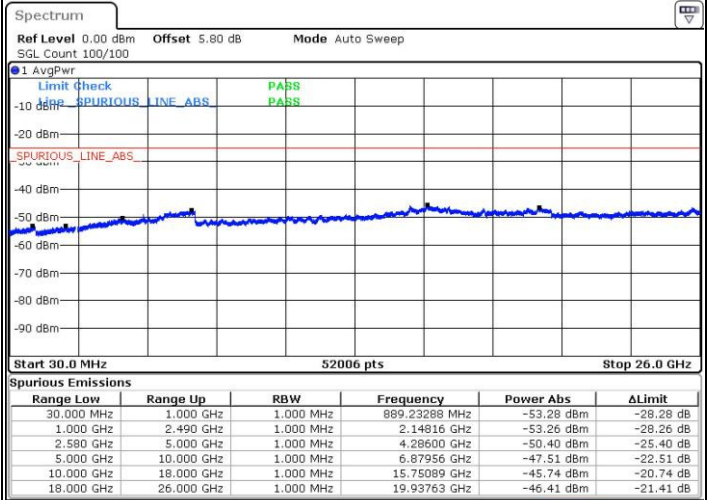
LTE Band 7 / 20MHz

Middle Channel / QPSK



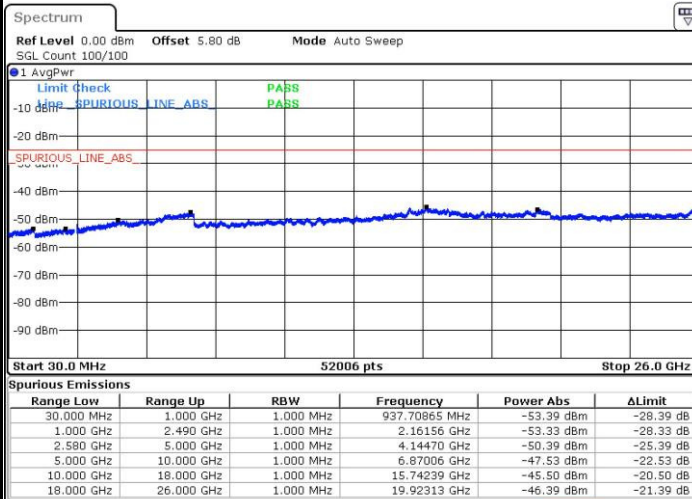
Date: 23 APR 2016 22:57:36

Middle Channel / 16QAM



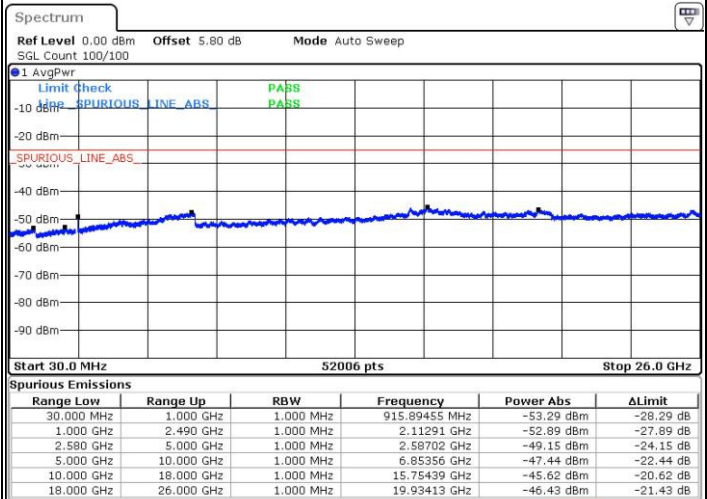
Date: 23 APR 2016 22:58:22

Highest Channel / QPSK



Date: 23 APR 2016 23:00:00

Highest Channel / 16QAM

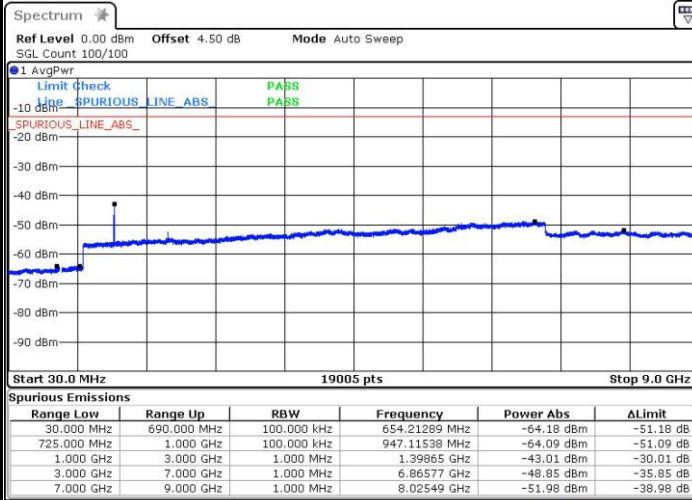


Date: 23 APR 2016 22:59:12



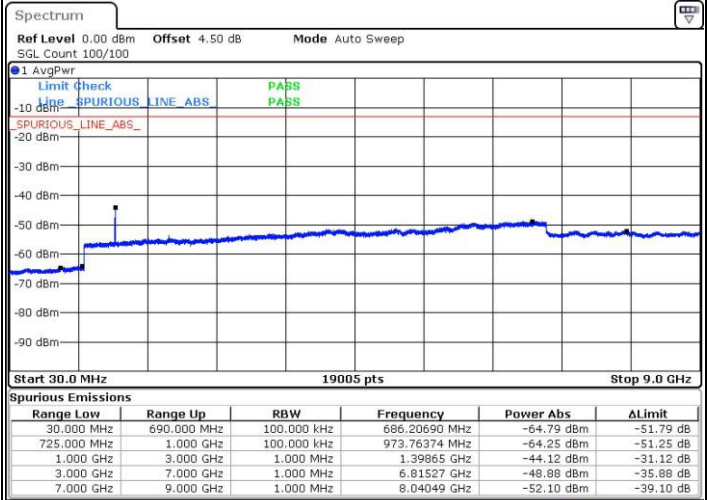
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



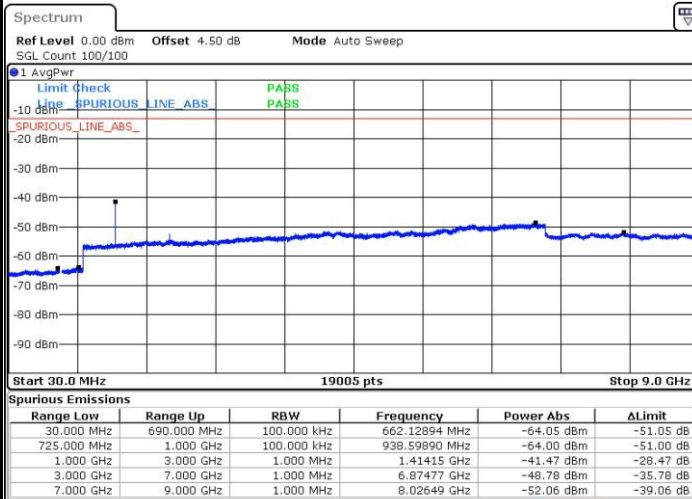
Date: 17.APR.2016 04:18:41

Lowest Channel / 16QAM



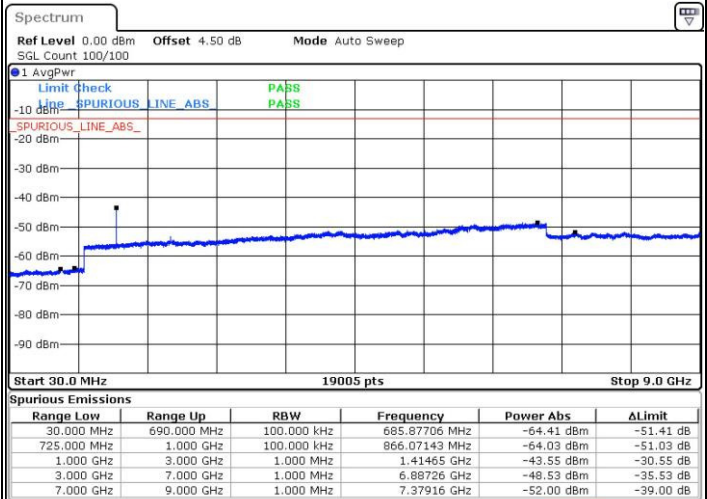
Date: 17.APR.2016 04:17:47

Middle Channel / QPSK



Date: 17.APR.2016 02:30:26

Middle Channel / 16QAM

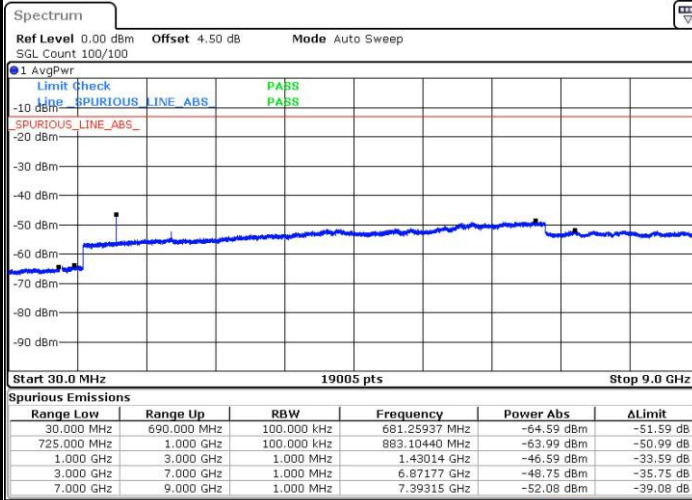


Date: 17.APR.2016 02:29:31



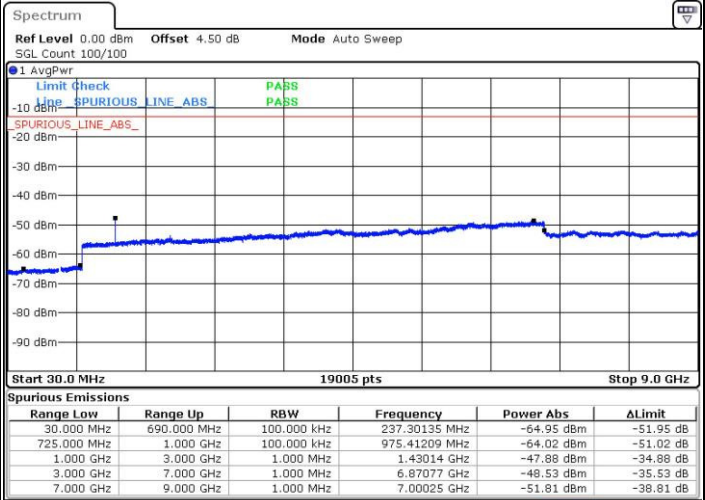
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 17.APR.2016 02:31:21

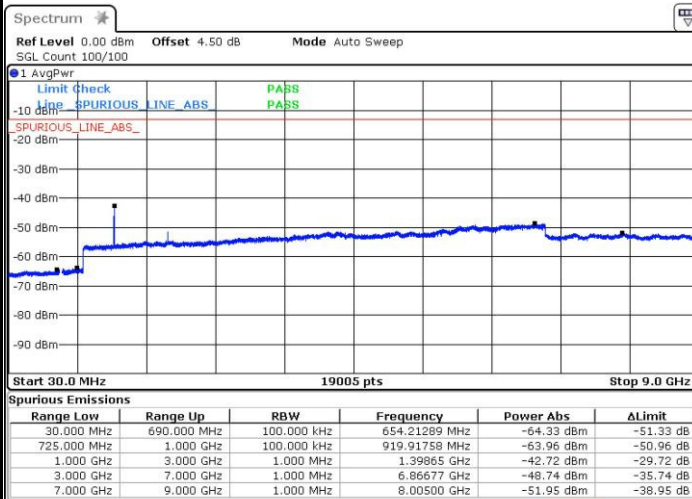
Highest Channel / 16QAM



Date: 17.APR.2016 02:32:16

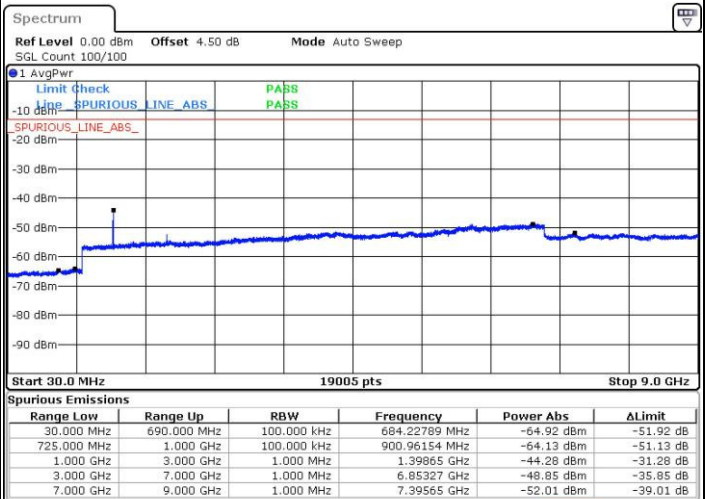
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 17.APR.2016 04:22:28

Lowest Channel / 16QAM

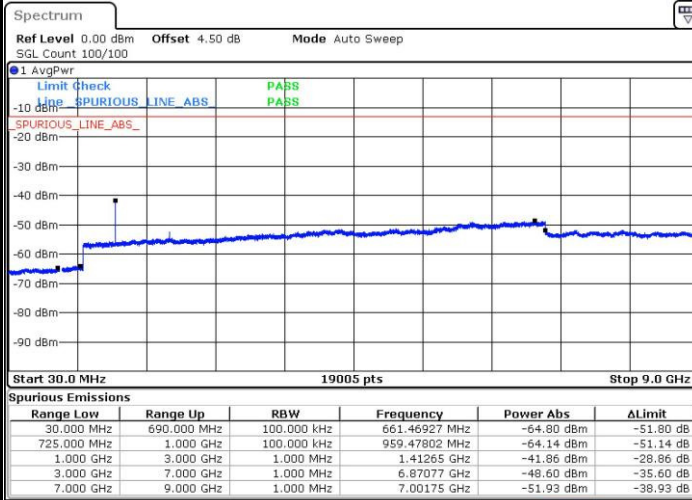


Date: 17.APR.2016 02:52:20



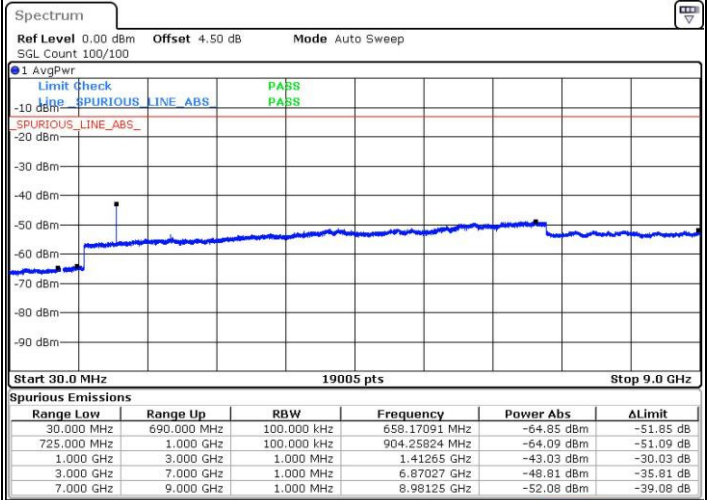
LTE Band 12 / 3MHz

Middle Channel / QPSK



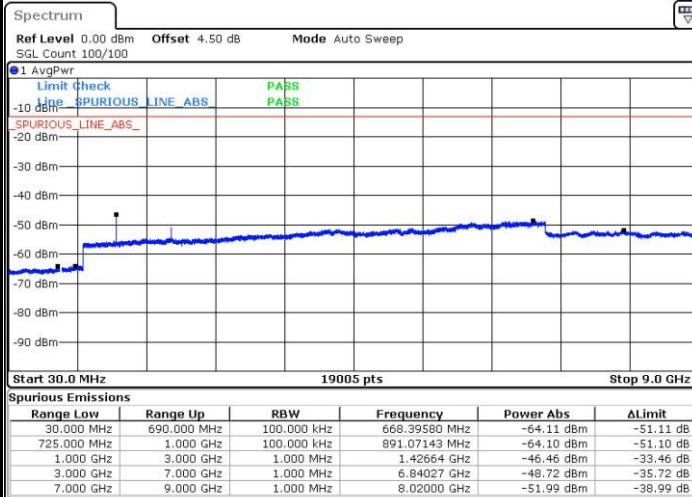
Date: 17.APR.2016 02:54:10

Middle Channel / 16QAM



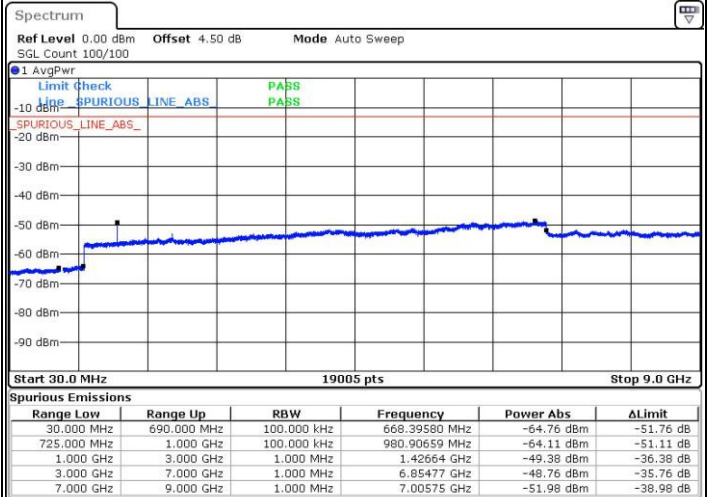
Date: 17.APR.2016 02:53:15

Highest Channel / QPSK



Date: 17.APR.2016 02:55:05

Highest Channel / 16QAM

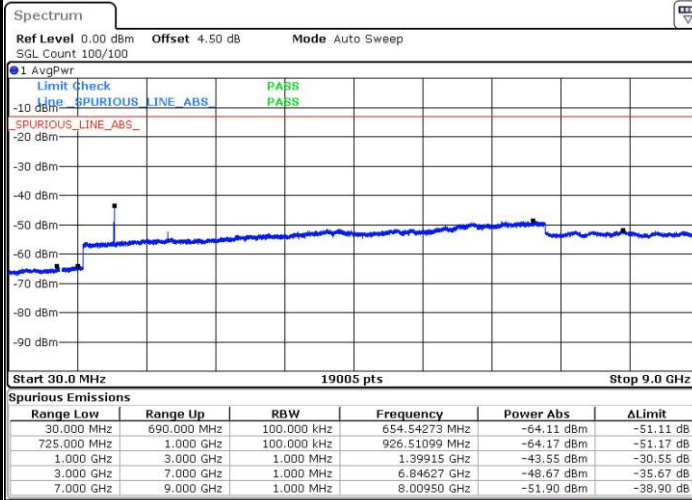


Date: 17.APR.2016 02:56:00



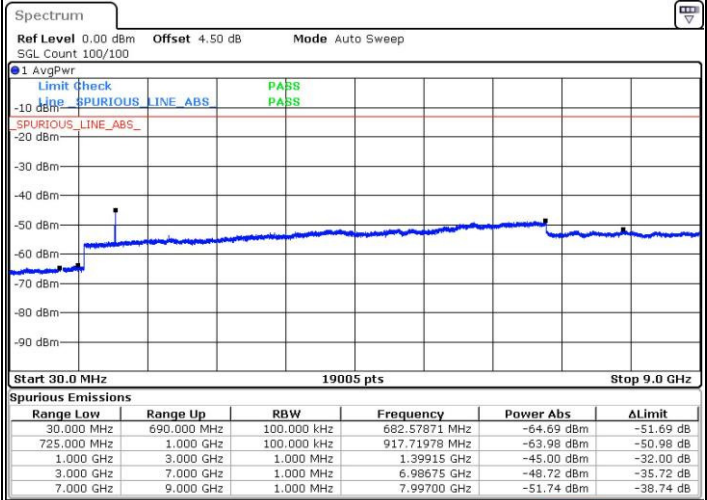
LTE Band 12 / 5MHz

Lowest Channel / QPSK



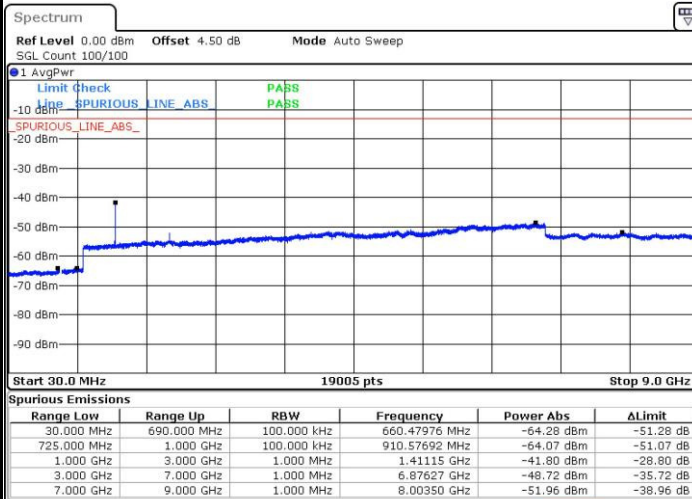
Date: 17.APR.2016 04:24:25

Lowest Channel / 16QAM



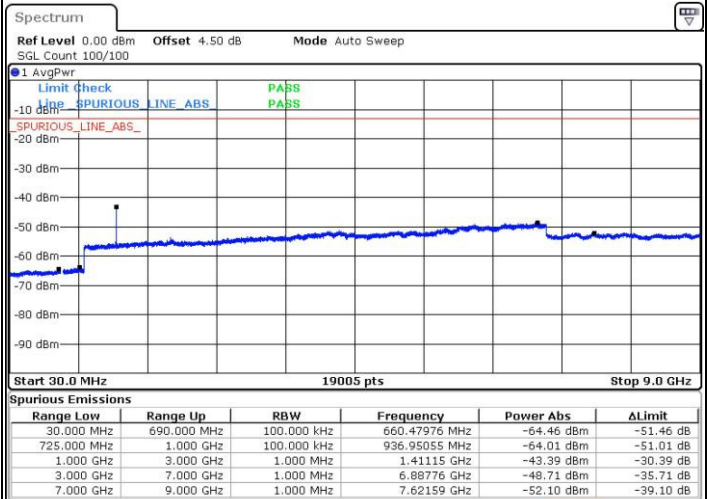
Date: 17.APR.2016 03:16:05

Middle Channel / QPSK



Date: 17.APR.2016 03:17:55

Middle Channel / 16QAM

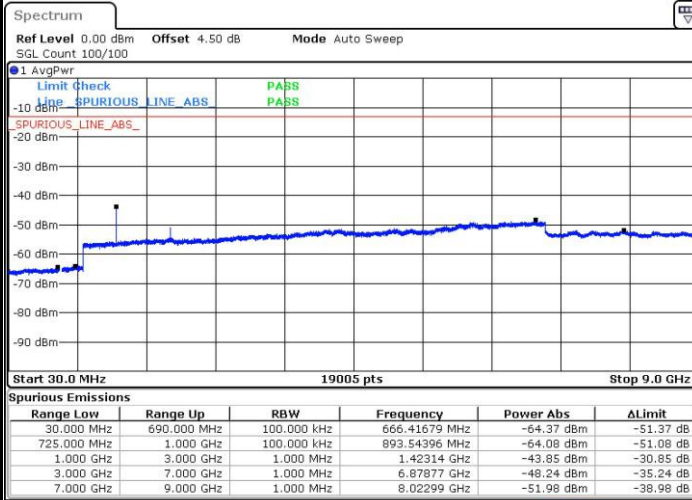


Date: 17.APR.2016 03:17:00



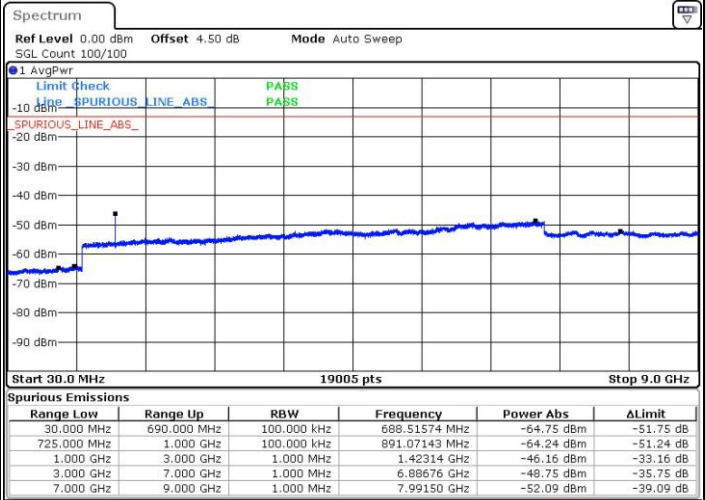
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 17.APR.2016 03:18:50

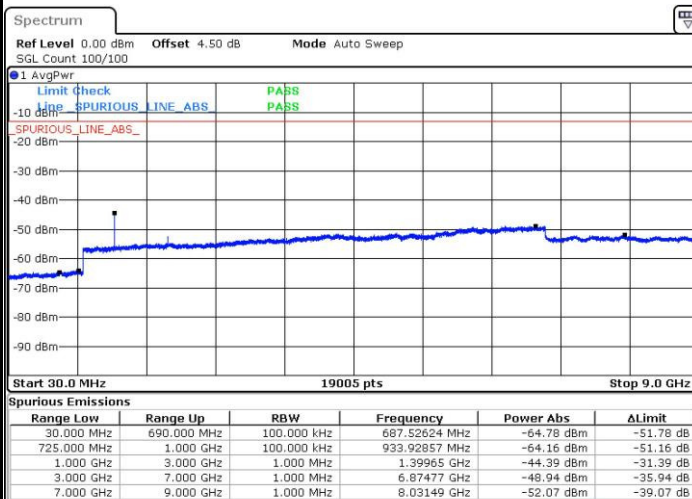
Highest Channel / 16QAM



Date: 17.APR.2016 03:19:45

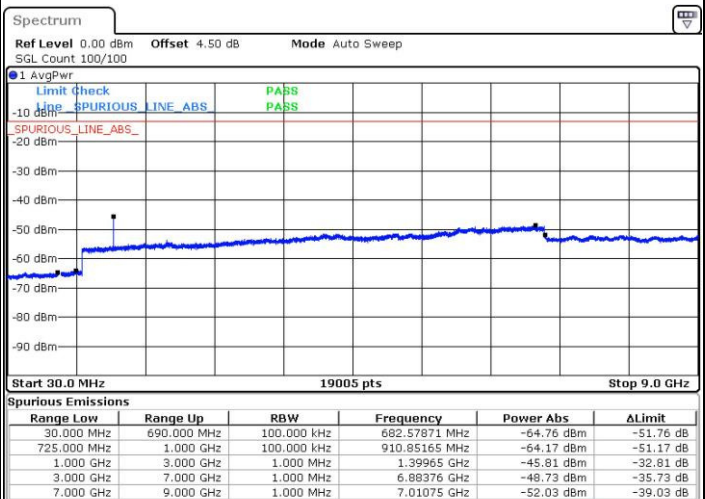
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 17.APR.2016 03:38:54

Lowest Channel / 16QAM

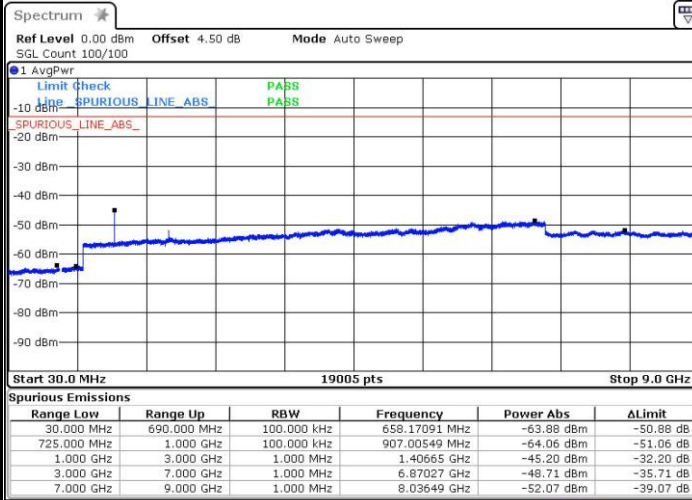


Date: 17.APR.2016 03:39:49



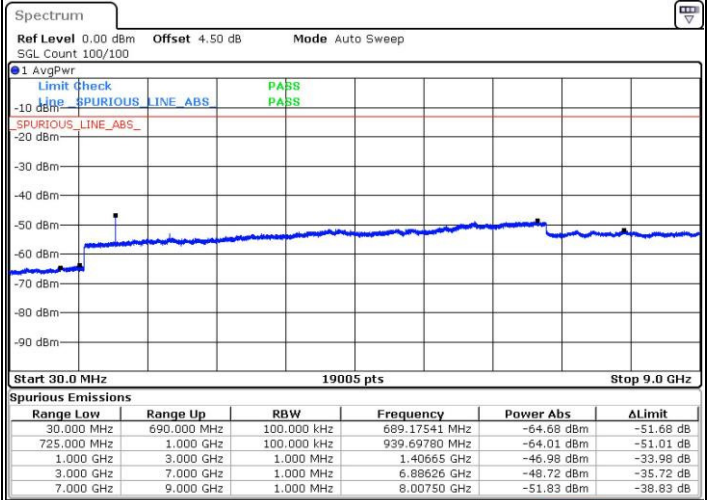
LTE Band 12 / 10MHz

Middle Channel / QPSK



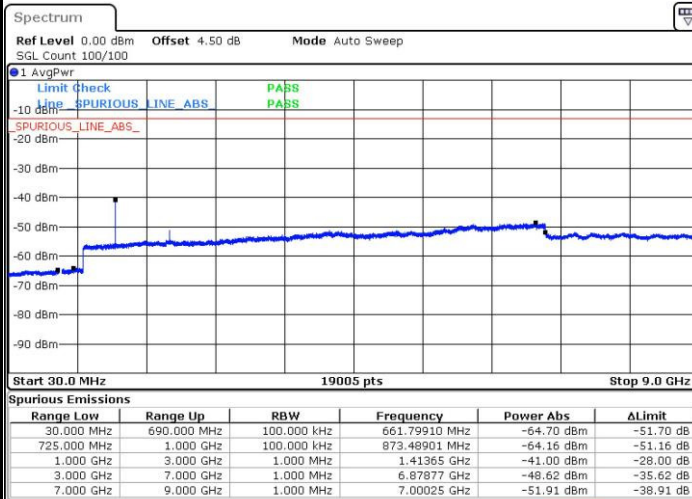
Date: 17.APR.2016 04:27:10

Middle Channel / 16QAM



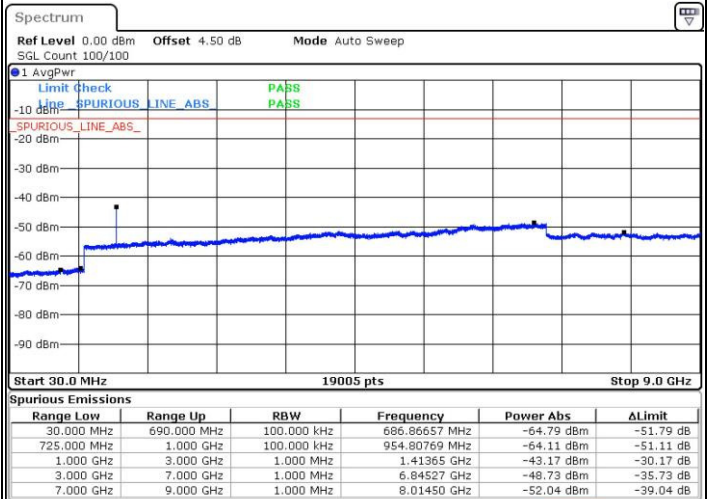
Date: 17.APR.2016 03:40:44

Highest Channel / QPSK



Date: 17.APR.2016 03:42:34

Highest Channel / 16QAM

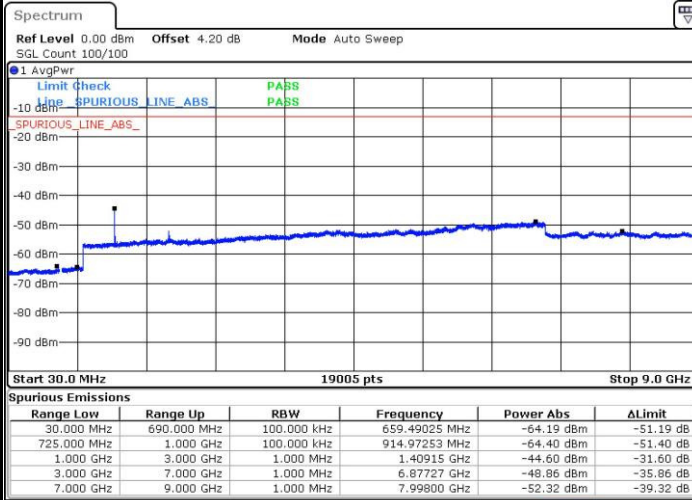


Date: 17.APR.2016 03:43:29



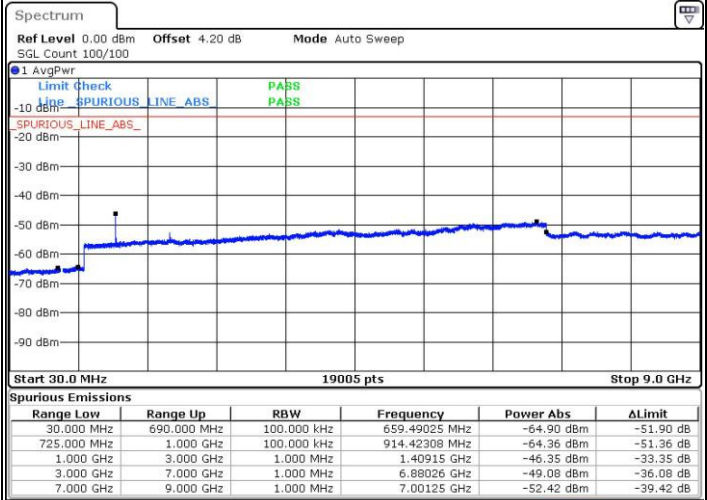
LTE Band 17 / 5MHz

Lowest Channel / QPSK



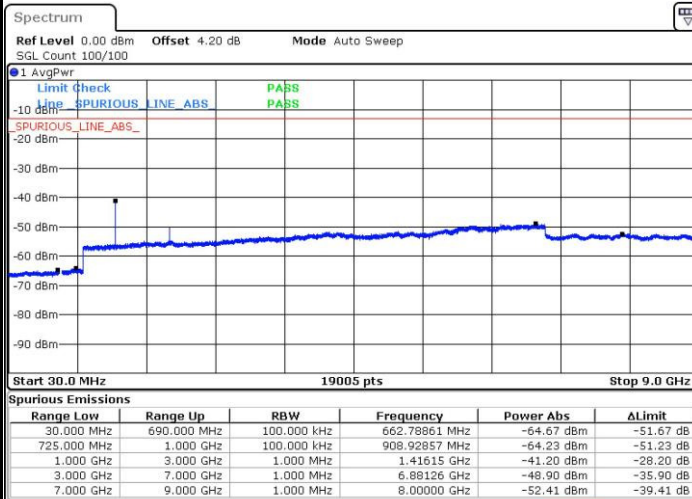
Date: 18 JUL 2016 11:17:39

Lowest Channel / 16QAM



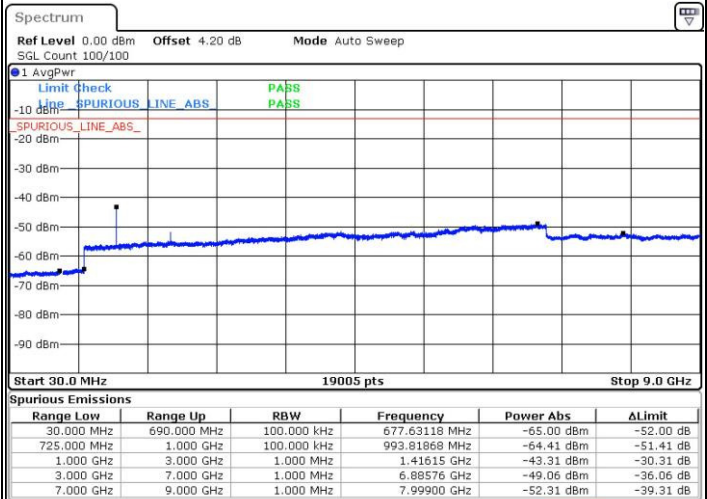
Date: 18 JUL 2016 11:18:34

Middle Channel / QPSK



Date: 18 JUL 2016 11:20:12

Middle Channel / 16QAM

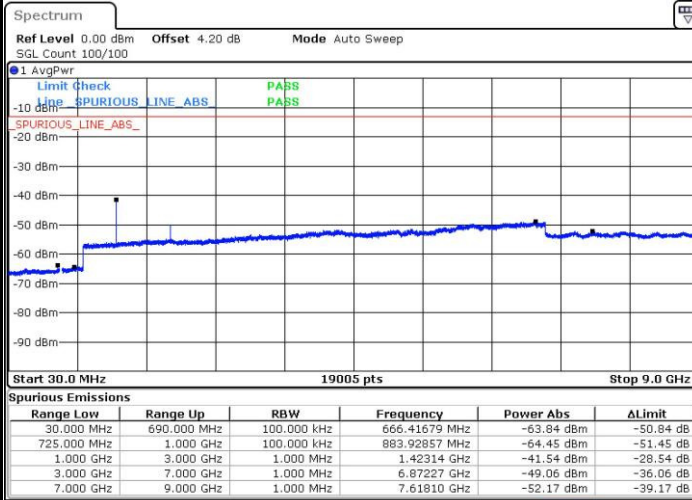


Date: 18 JUL 2016 11:21:07



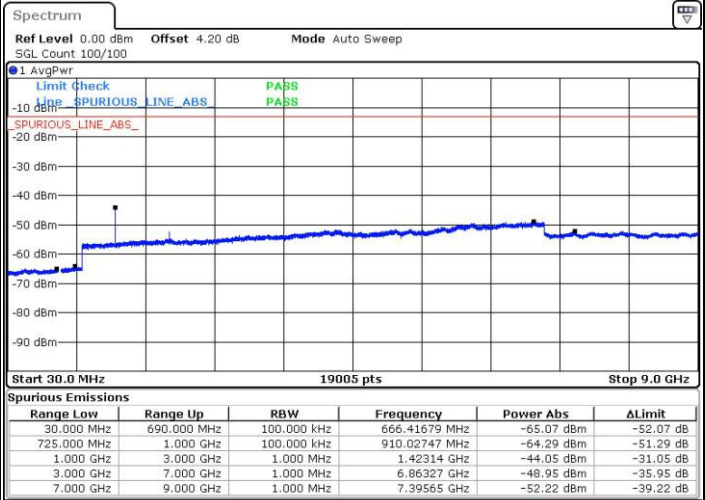
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 18 JUL 2016 11:27:16

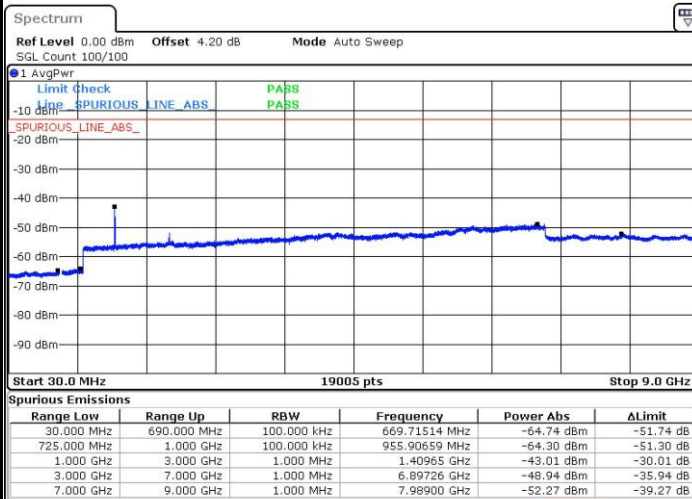
Highest Channel / 16QAM



Date: 18 JUL 2016 11:28:11

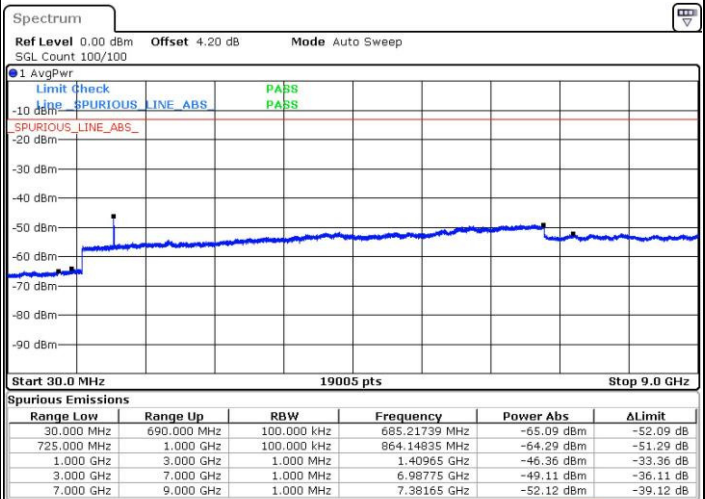
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 18 JUL 2016 11:34:20

Lowest Channel / 16QAM

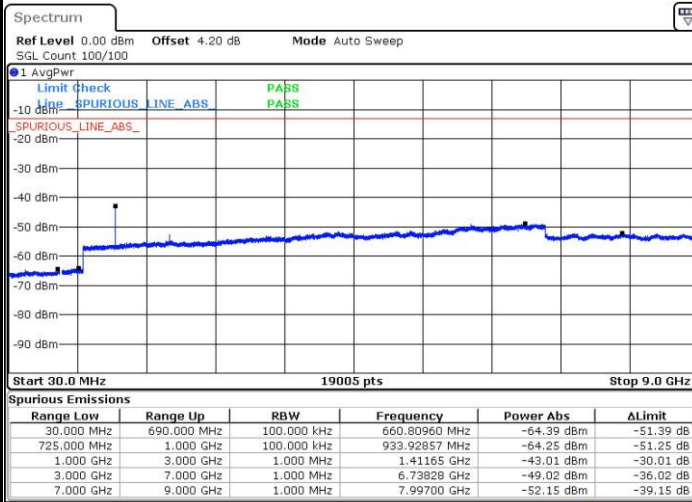


Date: 18 JUL 2016 11:35:15



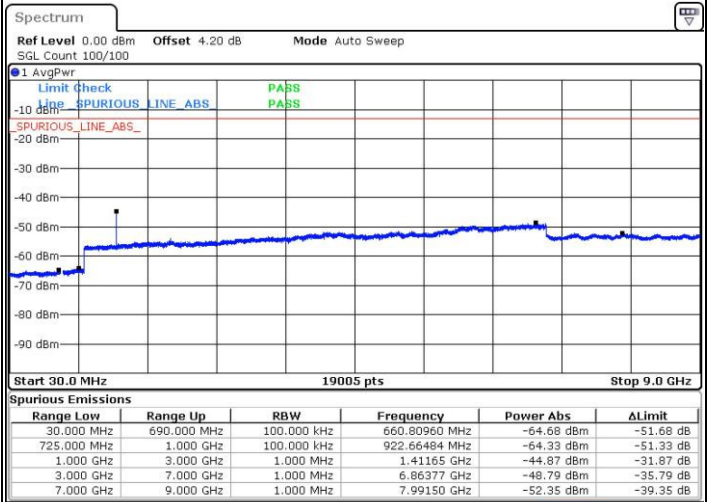
LTE Band 17 / 10MHz

Middle Channel / QPSK



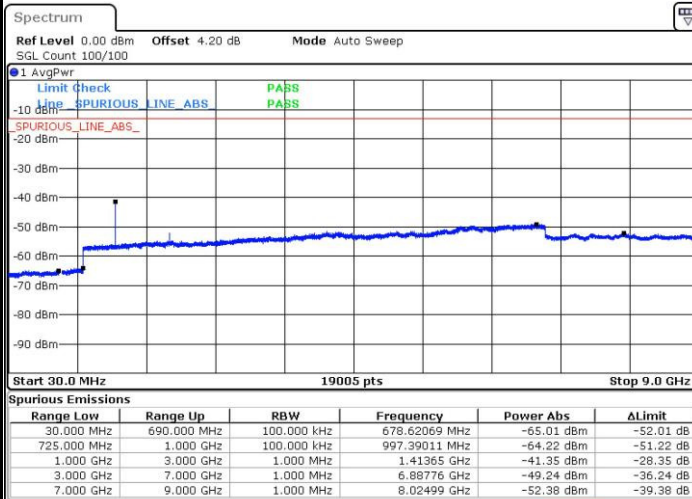
Date: 18 JUL 2016 11:36:52

Middle Channel / 16QAM



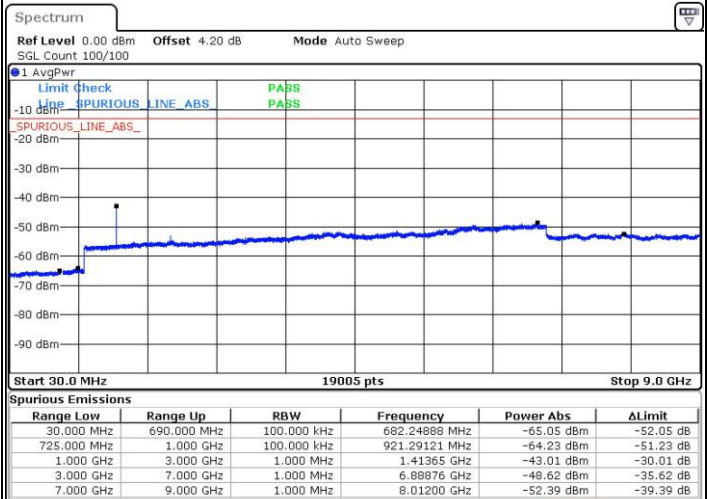
Date: 18 JUL 2016 11:37:47

Highest Channel / QPSK



Date: 18 JUL 2016 11:43:56

Highest Channel / 16QAM



Date: 18 JUL 2016 11:44:50

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0014	

Note: Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55V. ; Maximum Voltage =4.35V



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0048	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



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	3	24.31	0.2698	24.57	0.2864
Middle		3	1	25.19	0.3304	25.35	0.3428
Highest		3	1	25.37	0.3443	25.54	0.3581
Lowest	16QAM	3	1	22.91	0.1954	23.12	0.2051
Middle		1	5	24.18	0.2618	24.24	0.2655
Highest		1	3	24.37	0.2735	24.33	0.2710
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	14	24.63	0.2904	24.80	0.3020
Middle		1	8	25.16	0.3281	25.45	0.3508
Highest		1	8	25.52	0.3565	25.69	0.3707
Lowest	16QAM	1	0	23.21	0.2094	23.57	0.2275
Middle		1	0	23.81	0.2404	24.27	0.2673
Highest		1	0	24.31	0.2698	24.43	0.2773
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	12	24.84	0.3048	25.12	0.3251
Middle		1	12	25.08	0.3221	25.47	0.3524
Highest		1	12	25.83	0.3828	25.89	0.3882
Lowest	16QAM	1	0	23.69	0.2339	23.97	0.2495
Middle		1	12	24.26	0.2667	24.51	0.2825
Highest		1	12	24.68	0.2938	24.59	0.2877
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	25	24.83	0.3041	25.12	0.3251
Middle		1	25	25.23	0.3334	25.54	0.3581
Highest		1	25	25.66	0.3681	26.16	0.4130
Lowest	16QAM	1	0	23.07	0.2028	23.35	0.2163
Middle		1	25	24.09	0.2564	24.36	0.2729
Highest		1	25	24.04	0.2535	24.86	0.3062
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	37	24.81	0.3027	25.09	0.3228
Middle		1	37	25.20	0.3311	25.66	0.3681
Highest		1	74	25.64	0.3664	26.15	0.4121
Lowest	16QAM	1	37	23.25	0.2113	23.34	0.2158
Middle		1	37	23.84	0.2421	24.38	0.2742
Highest		1	37	24.00	0.2512	24.48	0.2805
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	49	24.85	0.3055	24.84	0.3048
Middle		1	49	25.41	0.3475	25.75	0.3758
Highest		1	49	25.45	0.3508	26.01	0.3990
Lowest	16QAM	1	49	23.20	0.2089	23.33	0.2153
Middle		1	49	23.48	0.2228	23.71	0.2350
Highest		1	99	23.86	0.2432	24.40	0.2754
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	1	0	25.50	0.3548	24.83	0.3041
Middle		1	5	25.14	0.3266	24.88	0.3076
Highest		1	5	24.45	0.2786	24.43	0.2773
Lowest	16QAM	1	5	24.15	0.2600	23.49	0.2234
Middle		1	5	23.95	0.2483	23.66	0.2323
Highest		1	5	23.39	0.2183	23.38	0.2178
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	8	25.34	0.3420	24.66	0.2924
Middle		1	8	25.25	0.3350	24.97	0.3141
Highest		1	8	24.59	0.2877	24.54	0.2844
Lowest	16QAM	1	8	24.02	0.2523	23.42	0.2198
Middle		1	8	24.32	0.2704	23.86	0.2432
Highest		1	14	23.23	0.2104	23.24	0.2109
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	12	25.62	0.3648	24.97	0.3141
Middle		1	12	25.44	0.3499	25.09	0.3228
Highest		1	12	24.22	0.2642	24.38	0.2742
Lowest	16QAM	1	12	23.36	0.2168	22.84	0.1923
Middle		1	0	23.98	0.2500	23.70	0.2344
Highest		1	12	23.09	0.2037	23.31	0.2143
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	25	26.18	0.4150	25.47	0.3524
Middle		1	25	25.09	0.3228	25.02	0.3177
Highest		1	25	24.82	0.3034	25.07	0.3214
Lowest	16QAM	1	49	23.91	0.2460	23.28	0.2128
Middle		1	25	24.15	0.2600	23.75	0.2371
Highest		1	25	23.34	0.2158	23.36	0.2168
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	37	26.32	0.4285	25.63	0.3656
Middle		1	37	25.94	0.3926	25.67	0.3690
Highest		1	37	25.22	0.3327	25.33	0.3412
Lowest	16QAM	1	74	24.84	0.3048	24.19	0.2624
Middle		1	74	24.61	0.2891	24.50	0.2818
Highest		1	37	23.40	0.2188	23.52	0.2249
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	49	25.78	0.3784	25.06	0.3206
Middle		1	49	25.74	0.3750	25.66	0.3681
Highest		1	49	25.68	0.3698	25.39	0.3459
Lowest	16QAM	1	0	24.22	0.2642	23.57	0.2275
Middle		1	0	24.33	0.2710	24.10	0.2570
Highest		1	49	23.95	0.2483	23.66	0.2323
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	1	17.80	0.0603	11.96	0.0157
Middle		3	1	17.96	0.0625	11.40	0.0138
Highest		3	1	18.89	0.0774	11.40	0.0138
Lowest	16QAM	3	3	17.21	0.0526	10.46	0.0111
Middle		3	3	17.59	0.0574	10.33	0.0108
Highest		3	3	17.95	0.0624	10.36	0.0109
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	17.20	0.0525	11.26	0.0134
Middle		1	8	17.75	0.0596	10.91	0.0123
Highest		1	0	18.23	0.0665	11.16	0.0131
Lowest	16QAM	1	0	16.53	0.0450	9.81	0.0096
Middle		1	0	16.98	0.0499	9.77	0.0095
Highest		1	14	17.39	0.0548	10.27	0.0106
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	12	17.24	0.0530	11.12	0.0129
Middle		1	12	17.83	0.0607	10.92	0.0124
Highest		1	12	18.20	0.0661	11.19	0.0132
Lowest	16QAM	1	12	15.65	0.0367	10.24	0.0106
Middle		1	12	17.22	0.0527	10.06	0.0101
Highest		1	0	17.43	0.0553	10.06	0.0101
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	25	17.61	0.0577	11.37	0.0137
Middle		1	25	17.84	0.0608	11.13	0.0130
Highest		1	25	18.24	0.0667	11.32	0.0136
Lowest	16QAM	1	49	16.52	0.0449	9.55	0.0090
Middle		1	25	17.23	0.0528	9.84	0.0096
Highest		1	0	16.81	0.0480	9.37	0.0086
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	12	23.02	0.2004	21.35	0.1365
Middle		1	12	22.25	0.1679	20.36	0.1086
Highest		1	12	21.57	0.1435	20.00	0.1000
Lowest	16QAM	1	0	21.91	0.1552	19.94	0.0986
Middle		1	12	20.62	0.1153	18.96	0.0787
Highest		1	12	20.38	0.1091	18.72	0.0745
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	25	23.23	0.2104	21.48	0.1406
Middle		1	25	22.16	0.1644	20.49	0.1119
Highest		1	25	21.66	0.1466	19.89	0.0975
Lowest	16QAM	1	25	21.96	0.1570	20.33	0.1079
Middle		1	25	20.74	0.1186	18.77	0.0753
Highest		1	25	20.28	0.1067	18.57	0.0719
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	37	22.98	0.1986	21.33	0.1358
Middle		1	37	22.14	0.1637	20.37	0.1089
Highest		1	37	21.79	0.1510	20.13	0.1030
Lowest	16QAM	1	0	21.83	0.1524	20.19	0.1045
Middle		1	37	20.82	0.1208	18.73	0.0746
Highest		1	74	20.05	0.1012	18.47	0.0703
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	49	23.07	0.2028	21.13	0.1297
Middle		1	49	22.11	0.1626	20.09	0.1021
Highest		1	49	21.85	0.1531	20.26	0.1062
Lowest	16QAM	1	0	21.97	0.1574	20.26	0.1062
Middle		1	99	20.03	0.1007	18.54	0.0714
Highest		1	49	20.18	0.1042	18.50	0.0708
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	16.10	0.0407	3.06	0.0020
Middle		3	3	16.58	0.0455	3.97	0.0025
Highest		3	3	17.24	0.0530	5.24	0.0033
Lowest	16QAM	1	3	15.00	0.0316	1.58	0.0014
Middle		3	0	15.84	0.0384	3.61	0.0023
Highest		3	1	16.35	0.0432	4.46	0.0028
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	16.68	0.0466	3.81	0.0024
Middle		1	8	16.90	0.0490	3.95	0.0025
Highest		1	8	17.42	0.0552	4.20	0.0026
Lowest	16QAM	1	8	14.94	0.0312	2.56	0.0018
Middle		1	0	15.04	0.0319	1.99	0.0016
Highest		1	0	15.90	0.0389	3.10	0.0020
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.84	0.0483	3.59	0.0023
Middle		1	12	17.01	0.0502	3.84	0.0024
Highest		1	12	17.51	0.0564	4.27	0.0027
Lowest	16QAM	1	12	15.12	0.0325	2.65	0.0018
Middle		1	24	14.83	0.0304	2.45	0.0018
Highest		1	24	15.65	0.0367	3.60	0.0023
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	17.06	0.0508	3.39	0.0022
Middle		1	25	16.63	0.0460	3.51	0.0022
Highest		1	25	17.25	0.0531	4.13	0.0026
Lowest	16QAM	1	25	15.41	0.0348	2.75	0.0019
Middle		1	25	14.85	0.0305	2.01	0.0016
Highest		1	25	15.28	0.0337	2.07	0.0016
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	16.41	0.0438	3.14	0.0021
Middle		1	12	17.66	0.0583	4.53	0.0028
Highest		1	12	17.28	0.0535	5.53	0.0036
Lowest	16QAM	1	12	15.48	0.0353	2.98	0.0020
Middle		1	12	16.21	0.0418	3.03	0.0020
Highest		1	0	16.64	0.0461	4.21	0.0026
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	0	17.89	0.0615	5.10	0.0032
Middle		1	0	17.83	0.0607	5.45	0.0035
Highest		1	0	17.98	0.0628	5.38	0.0035
Lowest	16QAM	1	25	16.77	0.0475	4.52	0.0028
Middle		1	49	16.50	0.0447	4.10	0.0026
Highest		1	25	16.71	0.0469	4.20	0.0026
Limit	ERP < 3W			Result		PASS	

**Radiated Spurious Emission****LTE Band 2**

LTE Band 2 / 1.4MHz / QPSK									
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)
Lowest	3700	-56.88	-13	-43.88	-77.4	-63.45	1.67	8.24	H
	5550	-53.02	-13	-40.02	-79.67	-60.09	2.65	9.72	H
	7400	-46.43	-13	-33.43	-79.63	-55.57	2.46	11.60	H
	3700	-57.46	-13	-44.46	-77.98	-64.03	1.67	8.24	V
	5550	-53.22	-13	-40.22	-79.87	-60.29	2.65	9.72	V
	7400	-46.79	-13	-33.79	-79.99	-55.93	2.46	11.60	V
Middle	3759	-56.78	-13	-43.78	-77.37	-63.41	1.69	8.31	H
	5638	-52.65	-13	-39.65	-79.54	-59.7	2.70	9.76	H
	7517	-46.65	-13	-33.65	-80.07	-56.04	2.42	11.81	H
	3759	-56.71	-13	-43.71	-77.3	-63.34	1.69	8.31	V
	5638	-52.76	-13	-39.76	-79.65	-59.81	2.70	9.76	V
	7517	-46.60	-13	-33.60	-80.02	-55.99	2.42	11.81	V
Highest	3817	-56.89	-13	-43.89	-77.57	-63.57	1.70	8.38	H
	5726	-49.14	-13	-36.14	-76.3	-56.18	2.76	9.79	H
	7634	-45.81	-13	-32.81	-79.42	-55.3	2.39	11.88	H
	3817	-57.05	-13	-44.05	-77.73	-63.73	1.70	8.38	V
	5726	-52.45	-13	-39.45	-79.61	-59.49	2.76	9.79	V
	7634	-46.14	-13	-33.14	-79.75	-55.63	2.39	11.88	V

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



LTE Band 2 / 3MHz / QPSK									
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)
Lowest	3700	-56.78	-13	-43.78	-77.3	-63.35	1.67	8.24	H
	5550	-53.10	-13	-40.10	-79.75	-60.17	2.65	9.72	H
	7400	-46.73	-13	-33.73	-79.93	-55.87	2.46	11.60	H
	3700	-57.48	-13	-44.48	-78	-64.05	1.67	8.24	V
	5550	-53.31	-13	-40.31	-79.96	-60.38	2.65	9.72	V
	7400	-46.50	-13	-33.50	-79.7	-55.64	2.46	11.60	V
Middle	3756	-55.93	-13	-42.93	-76.52	-62.55	1.68	8.31	H
	5636	-52.46	-13	-39.46	-79.35	-59.51	2.70	9.75	H
	7514	-46.45	-13	-33.45	-79.88	-55.83	2.42	11.81	H
	3756	-56.92	-13	-43.92	-77.51	-63.54	1.68	8.31	V
	5636	-52.81	-13	-39.81	-79.7	-59.86	2.70	9.75	V
	7514	-46.74	-13	-33.74	-80.17	-56.12	2.42	11.81	V
Highest	3814	-56.64	-13	-43.64	-77.32	-63.31	1.70	8.38	H
	5723	-51.58	-13	-38.58	-78.74	-58.62	2.75	9.79	H
	7628	-46.24	-13	-33.24	-79.85	-55.73	2.39	11.88	H
	3814	-56.86	-13	-43.86	-77.54	-63.53	1.70	8.38	V
	5723	-52.51	-13	-39.51	-79.67	-59.55	2.75	9.79	V
	7628	-46.12	-13	-33.12	-79.73	-55.61	2.39	11.88	V

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



LTE Band 2 / 5MHz / QPSK									
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)
Lowest	3700	-56.30	-13	-43.30	-76.82	-62.87	1.67	8.24	H
	5550	-53.26	-13	-40.26	-79.91	-60.33	2.65	9.72	H
	7400	-46.87	-13	-33.87	-80.17	-56.01	2.46	11.60	H
	3700	-56.96	-13	-43.96	-77.48	-63.53	1.67	8.24	V
	5550	-53.35	-13	-40.35	-80	-60.42	2.65	9.72	V
	7400	-46.88	-13	-33.88	-80.08	-56.02	2.46	11.60	V
Middle	3755	-57.29	-13	-44.29	-77.88	-63.91	1.68	8.31	H
	5633	-52.84	-13	-39.84	-79.73	-59.89	2.70	9.75	H
	7510	-46.68	-13	-33.68	-80.11	-56.06	2.43	11.81	H
	3755	-56.54	-13	-43.54	-77.13	-63.16	1.68	8.31	V
	5633	-52.99	-13	-39.99	-79.88	-60.04	2.70	9.75	V
	7510	-46.76	-13	-33.76	-80.19	-56.14	2.43	11.81	V
Highest	3812	-56.11	-13	-43.11	-76.77	-62.78	1.70	8.37	H
	5716	-51.38	-13	-38.38	-78.48	-58.42	2.75	9.79	H
	7620	-45.93	-13	-32.93	-79.5	-55.41	2.39	11.87	H
	3812	-56.99	-13	-43.99	-77.65	-63.66	1.70	8.37	V
	5716	-52.64	-13	-39.64	-79.74	-59.68	2.75	9.79	V
	7620	-46.01	-13	-33.01	-79.58	-55.49	2.39	11.87	V

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



LTE Band 2 / 10MHz / QPSK									
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)
Lowest	3701	-56.34	-13	-43.34	-76.87	-62.91	1.67	8.24	H
	5552	-53.19	-13	-40.19	-79.82	-60.26	2.65	9.72	H
	7402	-47.13	-13	-34.13	-80.36	-56.27	2.46	11.60	H
	3701	-57.46	-13	-44.46	-77.97	-64.03	1.67	8.24	V
	5552	-53.44	-13	-40.44	-80.07	-60.51	2.65	9.72	V
	7402	-47.00	-13	-34.00	-80.23	-56.14	2.46	11.60	V
Middle	3751	-55.50	-13	-42.50	-76.08	-62.12	1.68	8.30	H
	5627	-52.79	-13	-39.79	-79.62	-59.84	2.70	9.75	H
	7502	-46.88	-13	-33.88	-80.27	-56.25	2.43	11.80	H
	3751	-56.60	-13	-43.60	-77.18	-63.22	1.68	8.30	V
	5627	-53.16	-13	-40.16	-79.99	-60.21	2.70	9.75	V
	7502	-46.79	-13	-33.79	-80.18	-56.16	2.43	11.80	V
Highest	3801	-54.99	-13	-41.99	-75.64	-61.65	1.70	8.36	H
	5702	-52.34	-13	-39.34	-79.44	-59.38	2.74	9.78	H
	7602	-46.58	-13	-33.58	-80.12	-56.04	2.40	11.86	H
	3801	-57.17	-13	-44.17	-77.82	-63.83	1.70	8.36	V
	5702	-52.72	-13	-39.72	-79.82	-59.76	2.74	9.78	V
	7602	-46.09	-13	-33.09	-79.63	-55.55	2.40	11.86	V

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



LTE Band 2 / 15MHz / QPSK									
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)
Lowest	3701	-56.18	-13	-43.18	-76.69	-62.75	1.67	8.24	H
	5552	-53.30	-13	-40.30	-79.93	-60.37	2.65	9.72	H
	7402	-46.75	-13	-33.75	-79.98	-55.89	2.46	11.60	H
	3701	-57.05	-13	-44.05	-77.56	-63.62	1.67	8.24	V
	5552	-53.28	-13	-40.28	-79.91	-60.35	2.65	9.72	V
	7402	-47.20	-13	-34.20	-80.43	-56.34	2.46	11.60	V
Middle	3746	-55.35	-13	-42.35	-75.93	-61.96	1.68	8.30	H
	5619	-52.74	-13	-39.74	-79.57	-59.79	2.69	9.75	H
	7492	-46.79	-13	-33.79	-80.18	-56.14	2.43	11.78	H
	3746	-56.66	-13	-43.66	-77.24	-63.27	1.68	8.30	V
	5619	-53.14	-13	-40.14	-79.97	-60.19	2.69	9.75	V
	7492	-46.82	-13	-33.82	-80.21	-56.17	2.43	11.78	V
Highest	3791	-57.22	-13	-44.22	-77.85	-63.87	1.70	8.35	H
	5687	-52.86	-13	-39.86	-79.9	-59.9	2.73	9.77	H
	7582	-46.53	-13	-33.53	-80.04	-55.98	2.40	11.85	H
	3791	-57.49	-13	-44.49	-78.12	-64.14	1.70	8.35	V
	5687	-52.89	-13	-39.89	-79.93	-59.93	2.73	9.77	V
	7582	-46.43	-13	-33.43	-79.94	-55.88	2.40	11.85	V

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



LTE Band 2 / 20MHz / QPSK									
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)
Lowest	3702	-56.38	-13	-43.38	-76.89	-62.95	1.67	8.24	H
	5553	-53.14	-13	-40.14	-79.77	-60.21	2.66	9.72	H
	7404	-46.85	-13	-33.85	-80.08	-56	2.46	11.61	H
	3702	-56.76	-13	-43.76	-77.27	-63.33	1.67	8.24	V
	5553	-53.23	-13	-40.23	-79.86	-60.3	2.66	9.72	V
	7404	-46.96	-13	-33.96	-80.19	-56.11	2.46	11.61	V
Middle	3742	-55.15	-13	-42.15	-75.72	-61.76	1.68	8.29	H
	5613	-52.68	-13	-39.68	-79.46	-59.74	2.69	9.75	H
	7484	-46.84	-13	-33.84	-80.21	-56.17	2.43	11.77	H
	3742	-56.21	-13	-43.21	-76.78	-62.82	1.68	8.29	V
	5613	-53.15	-13	-40.15	-79.93	-60.21	2.69	9.75	V
	7484	-46.39	-13	-33.39	-79.76	-55.72	2.43	11.77	V
Highest	3782	-55.94	-13	-42.94	-76.58	-62.59	1.69	8.34	H
	5673	-51.44	-13	-38.44	-78.44	-58.48	2.72	9.77	H
	7564	-46.50	-13	-33.50	-80	-55.93	2.41	11.84	H
	3782	-56.47	-13	-43.47	-77.11	-63.12	1.69	8.34	V
	5673	-52.68	-13	-39.68	-79.68	-59.72	2.72	9.77	V
	7564	-46.53	-13	-33.53	-80.03	-55.96	2.41	11.84	V

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

**LTE Band 4**

LTE Band 4 / 1.4MHz / QPSK									
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)
Lowest	3420	-58.31	-13	-45.31	-78.31	-64.38	1.58	7.65	H
	5130	-52.90	-13	-39.90	-78.44	-60.19	2.41	9.70	H
	6840	-48.12	-13	-35.12	-80.09	-56.09	2.64	10.61	H
	3420	-58.93	-13	-45.93	-78.93	-65	1.58	7.65	V
	5130	-53.44	-13	-40.44	-78.98	-60.73	2.41	9.70	V
	6840	-48.70	-13	-35.70	-80.67	-56.67	2.64	10.61	V
Middle	3464	-58.62	-13	-45.62	-78.76	-64.87	1.59	7.84	H
	5195	-53.94	-13	-40.94	-79.65	-61.19	2.45	9.70	H
	6927	-47.91	-13	-34.91	-80.14	-56.01	2.61	10.71	H
	3464	-58.68	-13	-45.68	-78.82	-64.93	1.59	7.84	V
	5195	-54.00	-13	-41.00	-79.71	-61.25	2.45	9.70	V
	6927	-47.81	-13	-34.81	-80.04	-55.91	2.61	10.71	V
Highest	3507	-58.90	-13	-45.90	-79.12	-65.3	1.61	8.01	H
	5261	-54.22	-13	-41.22	-80.09	-61.43	2.49	9.70	H
	7014	-47.30	-13	-34.30	-79.77	-55.54	2.59	10.83	H
	3507	-58.94	-13	-45.94	-79.16	-65.34	1.61	8.01	V
	5261	-54.12	-13	-41.12	-79.99	-61.33	2.49	9.70	V
	7014	-47.33	-13	-34.33	-79.8	-55.57	2.59	10.83	V

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



LTE Band 4 / 3MHz / QPSK									
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)
Lowest	3420	-58.68	-13	-45.68	-78.68	-64.75	1.58	7.65	H
	5130	-52.37	-13	-39.37	-77.91	-59.66	2.41	9.70	H
	6840	-48.29	-13	-35.29	-80.26	-56.26	2.64	10.61	H
	3420	-58.82	-13	-45.82	-78.82	-64.89	1.58	7.65	V
	5130	-53.65	-13	-40.65	-79.19	-60.94	2.41	9.70	V
	6840	-48.61	-13	-35.61	-80.58	-56.58	2.64	10.61	V
Middle	3462	-58.62	-13	-45.62	-78.76	-64.86	1.59	7.83	H
	5193	-52.60	-13	-39.60	-78.31	-59.85	2.45	9.70	H
	6924	-47.61	-13	-34.61	-79.78	-55.7	2.62	10.71	H
	3462	-58.64	-13	-45.64	-78.78	-64.88	1.59	7.83	V
	5193	-53.78	-13	-40.78	-79.49	-61.03	2.45	9.70	V
	6924	-48.04	-13	-35.04	-80.21	-56.13	2.62	10.71	V
Highest	3504	-58.97	-13	-45.97	-79.19	-65.37	1.61	8.00	H
	5254	-52.44	-13	-39.44	-78.27	-59.66	2.48	9.70	H
	7008	-47.20	-13	-34.20	-79.63	-55.43	2.59	10.82	H
	3504	-58.97	-13	-45.97	-79.19	-65.37	1.61	8.00	V
	5256	-54.08	-13	-41.08	-79.91	-61.3	2.48	9.70	V
	7008	-47.26	-13	-34.26	-79.69	-55.49	2.59	10.82	V

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



LTE Band 4 / 5MHz / QPSK									
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)
Lowest	3420	-58.66	-13	-45.66	-78.57	-64.73	1.58	7.65	H
	5130	-53.00	-13	-40.00	-79.15	-60.29	2.41	9.70	H
	6840	-48.52	-13	-35.52	-80.46	-56.49	2.64	10.61	H
	3420	-58.38	-13	-45.38	-78.89	-64.45	1.58	7.65	V
	5130	-53.20	-13	-40.20	-79.48	-60.49	2.41	9.70	V
	6840	-48.09	-13	-35.09	-80.78	-56.06	2.64	10.61	V
Middle	3460	-58.00	-13	-45.00	-78.63	-64.23	1.59	7.82	H
	5190	-53.34	-13	-40.34	-78.89	-60.59	2.45	9.70	H
	6920	-48.32	-13	-35.32	-80.39	-56.41	2.62	10.70	H
	3460	-59.02	-13	-46.02	-79.24	-65.25	1.59	7.82	V
	5190	-53.12	-13	-40.12	-79.64	-60.37	2.45	9.70	V
	6920	-48.20	-13	-35.20	-80.43	-56.29	2.62	10.70	V
Highest	3502	-58.79	-13	-45.79	-79.01	-65.19	1.60	8.00	H
	5254	-52.41	-13	-39.41	-78.24	-59.63	2.48	9.70	H
	7005	-47.27	-13	-34.27	-79.71	-55.49	2.59	10.81	H
	3502	-58.96	-13	-45.96	-79.18	-65.36	1.60	8.00	V
	5254	-53.94	-13	-40.94	-79.77	-61.16	2.48	9.70	V
	7005	-47.12	-13	-34.12	-79.56	-55.34	2.59	10.81	V

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



LTE Band 4 / 10MHz / QPSK									
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)
Lowest	3423	-58.29	-13	-45.29	-78.61	-64.37	1.58	7.66	H
	5135	-52.86	-13	-39.86	-78.21	-60.15	2.41	9.70	H
	6846	-48.96	-13	-35.96	-80.39	-56.94	2.64	10.62	H
	3423	-58.30	-13	-45.30	-78.71	-64.38	1.58	7.66	V
	5135	-53.65	-13	-40.65	-78.91	-60.94	2.41	9.70	V
	6846	-48.46	-13	-35.46	-80.45	-56.44	2.64	10.62	V
Middle	3456	-58.07	-13	-45.07	-78.84	-64.29	1.59	7.81	H
	5184	-50.77	-13	-37.77	-77.57	-58.03	2.44	9.70	H
	6912	-48.59	-13	-35.59	-80.29	-56.67	2.62	10.69	H
	3456	-58.36	-13	-45.36	-78.39	-64.58	1.59	7.81	V
	5184	-53.07	-13	-40.07	-79.38	-60.33	2.44	9.70	V
	6912	-48.16	-13	-35.16	-80.24	-56.24	2.62	10.69	V
Highest	3490	-58.18	-13	-45.18	-79.03	-64.53	1.60	7.96	H
	5235	-53.69	-13	-40.69	-79.67	-60.92	2.47	9.70	H
	6980	-47.53	-13	-34.53	-79.81	-55.71	2.60	10.78	H
	3490	-58.03	-13	-45.03	-79.03	-64.38	1.60	7.96	V
	5235	-54.78	-13	-41.78	-79.98	-62.01	2.47	9.70	V
	6980	-47.05	-13	-34.05	-79.69	-55.23	2.60	10.78	V

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



LTE Band 4 / 15MHz / QPSK									
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)
Lowest	3420	-58.24	-13	-45.24	-78.7	-64.31	1.58	7.65	H
	5130	-53.77	-13	-40.77	-78.93	-61.06	2.41	9.70	H
	6840	-48.75	-13	-35.75	-80.3	-56.72	2.64	10.61	H
	3420	-58.22	-13	-45.22	-78.73	-64.29	1.58	7.65	V
	5130	-53.76	-13	-40.76	-78.92	-61.05	2.41	9.70	V
	6840	-48.64	-13	-35.64	-80.34	-56.61	2.64	10.61	V
Middle	3450	-58.15	-13	-45.15	-78.82	-64.34	1.59	7.78	H
	5175	-53.31	-13	-40.31	-78.83	-60.57	2.44	9.70	H
	6900	-47.06	-13	-34.06	-79.93	-55.12	2.62	10.68	H
	3450	-58.34	-13	-45.34	-78.86	-64.53	1.59	7.78	V
	5175	-53.85	-13	-40.85	-79.39	-61.11	2.44	9.70	V
	6900	-47.88	-13	-34.88	-80.08	-55.94	2.62	10.68	V
Highest	3480	-58.98	-13	-45.98	-78.96	-65.29	1.60	7.91	H
	5220	-53.78	-13	-40.78	-79.66	-61.02	2.46	9.70	H
	6960	-47.61	-13	-34.61	-79.78	-55.76	2.60	10.75	H
	3480	-58.98	-13	-45.98	-78.88	-65.29	1.60	7.91	V
	5220	-53.82	-13	-40.82	-79.74	-61.06	2.46	9.70	V
	6960	-47.60	-13	-34.60	-80.01	-55.75	2.60	10.75	V

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



LTE Band 4 / 20MHz / QPSK									
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)
Lowest	3420	-58.18	-13	-45.18	-78.96	-64.25	1.58	7.65	H
	5130	-53.18	-13	-40.18	-79.19	-60.47	2.41	9.70	H
	6840	-48.84	-13	-35.84	-80.54	-56.81	2.64	10.61	H
	3420	-58.31	-13	-45.31	-78.74	-64.38	1.58	7.65	V
	5130	-53.93	-13	-40.93	-79.12	-61.22	2.41	9.70	V
	6840	-48.90	-13	-35.90	-80.37	-56.87	2.64	10.61	V
Middle	3445	-58.12	-13	-45.12	-78.63	-64.29	1.59	7.76	H
	5168	-52.84	-13	-39.84	-78.34	-60.11	2.43	9.70	H
	6890	-47.94	-13	-34.94	-80.01	-55.98	2.63	10.67	H
	3445	-58.24	-13	-45.24	-78.73	-64.41	1.59	7.76	V
	5168	-53.58	-13	-40.58	-79.33	-60.85	2.43	9.70	V
	6890	-48.12	-13	-35.12	-80.19	-56.16	2.63	10.67	V
Highest	3470	-58.56	-13	-45.56	-78.87	-64.83	1.59	7.87	H
	5205	-54.47	-13	-41.47	-79.93	-61.71	2.46	9.70	H
	6940	-47.27	-13	-34.27	-80.12	-55.39	2.61	10.73	H
	3470	-58.01	-13	-45.01	-79.12	-64.28	1.59	7.87	V
	5205	-54.93	-13	-41.93	-79.88	-62.17	2.46	9.70	V
	6940	-47.93	-13	-34.93	-80.04	-56.05	2.61	10.73	V

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



LTE Band 5

LTE Band 5 / 1.4MHz / QPSK									
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)
Lowest	1648	-60.33	-13	-47.33	-73.74	-62.09	0.98	4.89	H
	2472	-60.66	-13	-47.66	-77.22	-62.54	1.28	5.32	H
	3296	-59.57	-13	-46.57	-78.83	-62.98	1.54	7.10	H
	1648	-59.30	-13	-46.30	-72.4	-61.06	0.98	4.89	V
	2472	-61.66	-13	-48.66	-77.82	-63.54	1.28	5.32	V
	3296	-58.50	-13	-45.50	-78.65	-61.91	1.54	7.10	V
Middle	1672	-55.58	-13	-42.58	-68.26	-57.26	0.99	4.82	H
	2512	-60.07	-13	-47.07	-76.7	-62.04	1.29	5.41	H
	3352	-58.79	-13	-45.79	-78.2	-62.43	1.56	7.35	H
	1672	-55.61	-13	-42.61	-68.61	-57.29	0.99	4.82	V
	2512	-61.04	-13	-48.04	-77.76	-63.01	1.29	5.41	V
	3352	-58.80	-13	-45.80	-78.5	-62.44	1.56	7.35	V
Highest	1696	-55.46	-13	-42.46	-69.21	-57.06	1.00	4.75	H
	2544	-60.55	-13	-47.55	-77.59	-62.53	1.30	5.44	H
	3392	-58.35	-13	-45.35	-78.74	-62.15	1.57	7.52	H
	1696	-57.61	-13	-44.61	-70.78	-59.21	1.00	4.75	V
	2544	-61.08	-13	-48.08	-77.72	-63.06	1.30	5.44	V
	3392	-58.65	-13	-45.65	-78.72	-62.45	1.57	7.52	V

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



LTE Band 5 / 3MHz / QPSK									
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)
Lowest	1651	-57.65	-13	-44.65	-70.87	-59.4	0.98	4.88	H
	2477	-59.33	-13	-46.33	-75.69	-61.23	1.28	5.33	H
	3302	-59.21	-13	-46.21	-78.9	-62.65	1.54	7.13	H
	1651	-58.61	-13	-45.61	-71.84	-60.36	0.98	4.88	V
	2477	-59.45	-13	-46.45	-75.8	-61.35	1.28	5.33	V
	3302	-58.95	-13	-45.95	-78.64	-62.39	1.54	7.13	V
Middle	1672	-57.56	-13	-44.56	-70.25	-59.24	0.99	4.82	H
	2504	-60.25	-13	-47.25	-76.7	-62.21	1.29	5.40	H
	3344	-59.67	-13	-46.67	-78.81	-63.28	1.56	7.31	H
	1672	-56.53	-13	-43.53	-70.2	-58.21	0.99	4.82	V
	2504	-61.10	-13	-48.10	-77.79	-63.06	1.29	5.40	V
	3344	-58.88	-13	-45.88	-78.73	-62.49	1.56	7.31	V
Highest	1696	-55.66	-13	-42.66	-68.56	-57.26	1.00	4.75	H
	2536	-59.55	-13	-46.55	-76.55	-61.53	1.30	5.43	H
	3392	-58.29	-13	-45.29	-78.77	-62.09	1.57	7.52	H
	1696	-57.61	-13	-44.61	-70.8	-59.21	1.00	4.75	V
	2536	-61.07	-13	-48.07	-77.68	-63.05	1.30	5.43	V
	3392	-58.91	-13	-45.91	-78.77	-62.71	1.57	7.52	V

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



LTE Band 5 / 5MHz / QPSK									
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)
Lowest	1648	-60.20	-13	-47.20	-74.09	-61.96	0.98	4.89	H
	2472	-60.23	-13	-47.23	-77.19	-62.11	1.28	5.32	H
	3296	-59.27	-13	-46.27	-78.96	-62.68	1.54	7.10	H
	1648	-59.33	-13	-46.33	-72.51	-61.09	0.98	4.89	V
	2472	-61.16	-13	-48.16	-77.52	-63.04	1.28	5.32	V
	3296	-59.16	-13	-46.16	-78.85	-62.57	1.54	7.10	V
Middle	1672	-55.58	-13	-42.58	-69.01	-57.26	0.99	4.82	H
	2504	-59.13	-13	-46.13	-75.58	-61.09	1.29	5.40	H
	3344	-58.96	-13	-45.96	-78.8	-62.57	1.56	7.31	H
	1672	-56.88	-13	-43.88	-70.19	-58.56	0.99	4.82	V
	2504	-60.98	-13	-47.98	-77.15	-62.94	1.29	5.40	V
	3344	-59.83	-13	-46.83	-79.01	-63.44	1.56	7.31	V
Highest	1688	-55.68	-13	-42.68	-68.96	-57.31	1.00	4.77	H
	2532	-60.15	-13	-47.15	-76.76	-62.12	1.30	5.43	H
	3376	-59.07	-13	-46.07	-78.99	-62.81	1.57	7.45	H
	1688	-55.88	-13	-42.88	-69.16	-57.51	1.00	4.77	V
	2532	-61.01	-13	-48.01	-77.62	-62.98	1.30	5.43	V
	3376	-58.94	-13	-45.94	-78.86	-62.68	1.57	7.45	V

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



LTE Band 5 / 10MHz / QPSK									
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)
Lowest	1648	-60.35	-13	-47.35	-73.3	-62.11	0.98	4.89	H
	2472	-60.06	-13	-47.06	-76.79	-61.94	1.28	5.32	H
	3296	-59.64	-13	-46.64	-78.78	-63.05	1.54	7.10	H
	1648	-58.84	-13	-45.84	-71.34	-60.6	0.98	4.89	V
	2472	-61.68	-13	-48.68	-77.85	-63.56	1.28	5.32	V
	3296	-59.08	-13	-46.08	-78.84	-62.49	1.54	7.10	V
Middle	1664	-55.51	-13	-42.51	-68.74	-57.22	0.98	4.84	H
	2496	-58.59	-13	-45.59	-75.04	-60.54	1.29	5.39	H
	3326	-59.06	-13	-46.06	-78.84	-62.59	1.55	7.23	H
	1664	-55.33	-13	-42.33	-68.56	-57.04	0.98	4.84	V
	2496	-60.57	-13	-47.57	-77.02	-62.52	1.29	5.39	V
	3326	-58.78	-13	-45.78	-78.56	-62.31	1.55	7.23	V
Highest	1680	-56.51	-13	-43.51	-70.2	-58.16	0.99	4.80	H
	2520	-61.58	-13	-48.58	-77.99	-63.55	1.30	5.42	H
	3360	-58.41	-13	-45.41	-78.7	-62.08	1.56	7.38	H
	1680	-56.59	-13	-43.59	-69.69	-58.24	0.99	4.80	V
	2520	-61.42	-13	-48.42	-77.77	-63.39	1.30	5.42	V
	3360	-58.44	-13	-45.44	-78.83	-62.11	1.56	7.38	V

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



LTE Band 7

LTE Band 7 / 5MHz / QPSK									
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)
Lowest	5000	-52.61	-25	-27.61	-77.81	-59.97	2.34	9.70	H
	7500	-46.65	-25	-21.65	-80.05	-56.02	2.43	11.80	H
	10000	-41.62	-25	-16.62	-81.37	-51.12	2.70	12.20	H
	5000	-53.99	-25	-28.99	-79.19	-61.35	2.34	9.70	V
	7500	-46.80	-25	-21.80	-80.2	-56.17	2.43	11.80	V
	10000	-41.46	-25	-16.46	-81.21	-50.96	2.70	12.20	V
Middle	5065	-53.24	-25	-28.24	-78.61	-60.57	2.37	9.70	H
	7598	-46.10	-25	-21.10	-79.65	-55.56	2.40	11.86	H
	10130	-40.47	-25	-15.47	-80.65	-50.03	2.70	12.25	H
	5065	-53.86	-25	-28.86	79.23	-61.19	2.37	9.70	V
	7598	-46.42	-25	-21.42	-79.97	-55.88	2.40	11.86	V
	10130	-40.59	-25	-15.59	-80.77	-50.15	2.70	12.25	V
Highest	5130	-53.12	-25	-28.12	-78.67	-60.41	2.41	9.70	H
	7695	-45.33	-25	-20.33	-79.03	-54.88	2.37	11.92	H
	10260	-39.33	-25	-14.33	-79.95	-48.94	2.69	12.30	H
	5130	-53.42	-25	-28.42	-78.97	-60.71	2.41	9.70	V
	7695	-45.37	-25	-20.37	-79.07	-54.92	2.37	11.92	V
	10260	-39.96	-25	-14.96	-80.58	-49.57	2.69	12.30	V

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



LTE Band 7 / 10MHz / QPSK									
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)
Lowest	5000	-53.00	-25	-28.00	-78.2	-60.36	2.34	9.70	H
	7500	-46.57	-25	-21.57	-79.97	-55.94	2.43	11.80	H
	10000	-41.59	-25	-16.59	-81.34	-51.09	2.70	12.20	H
	5000	-53.95	-25	-28.95	-79.15	-61.31	2.34	9.70	V
	7500	-46.86	-25	-21.86	-80.25	-56.23	2.43	11.80	V
	10000	-41.50	-25	-16.50	-81.25	-51	2.70	12.20	V
Middle	5060	-52.55	-25	-27.55	-77.92	-59.88	2.37	9.70	H
	7590	-46.18	-25	-21.18	-79.73	-55.63	2.40	11.85	H
	10120	-40.64	-25	-15.64	-80.76	-50.19	2.70	12.25	H
	5060	-53.70	-25	-28.70	-79.07	-61.03	2.37	9.70	V
	7590	-46.41	-25	-21.41	-79.96	-55.86	2.40	11.85	V
	10120	-40.49	-25	-15.49	-80.61	-50.04	2.70	12.25	V
Highest	5120	-52.25	-25	-27.25	-77.75	-59.54	2.41	9.70	H
	7680	-45.12	-25	-20.12	-78.8	-54.66	2.37	11.91	H
	10240	-40.04	-25	-15.04	-80.61	-49.64	2.69	12.30	H
	5120	-53.73	-25	-28.73	-79.23	-61.02	2.41	9.70	V
	7680	-46.00	-25	-21.00	-79.68	-55.54	2.37	11.91	V
	10240	-40.07	-25	-15.07	-80.64	-49.67	2.69	12.30	V

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



LTE Band 7 / 15MHz / QPSK									
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)
Lowest	5000	-53.09	-25	-28.09	-78.29	-60.45	2.34	9.70	H
	7500	-46.72	-25	-21.72	-80.12	-56.09	2.43	11.80	H
	10000	-41.60	-25	-16.60	-81.35	-51.1	2.70	12.20	H
	5000	-53.92	-25	-28.92	-79.12	-61.28	2.34	9.70	V
	7500	-46.84	-25	-21.84	-80.24	-56.21	2.43	11.80	V
	10000	-41.58	-25	-16.58	-81.33	-51.08	2.70	12.20	V
Middle	5055	-52.65	-25	-27.65	-78.02	-59.98	2.37	9.70	H
	7582.5	-45.79	-25	-20.79	-79.31	-55.24	2.40	11.85	H
	10110	-40.72	-25	-15.72	-80.85	-50.27	2.70	12.24	H
	5055	-53.48	-25	-28.48	-78.85	-60.81	2.37	9.70	V
	7582.5	-46.19	-25	-21.19	-79.71	-55.64	2.40	11.85	V
	10110	-40.70	-25	-15.70	-80.83	-50.25	2.70	12.24	V
Highest	5110	-52.51	-25	-27.51	-78.01	-59.81	2.40	9.70	H
	7665	-45.14	-25	-20.14	-78.8	-54.66	2.38	11.90	H
	10220	-39.96	-25	-14.96	-80.4	-49.55	2.69	12.29	H
	5110	-53.92	-25	-28.92	-79.42	-61.22	2.40	9.70	V
	7665	-46.00	-25	-21.00	-79.66	-55.52	2.38	11.90	V
	10220	-40.39	-25	-15.39	-80.83	-49.98	2.69	12.29	V

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



LTE Band 7 / 20MHz / QPSK									
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)
Lowest	5002	-53.09	-25	-28.09	-78.28	-60.45	2.34	9.70	H
	7503	-46.79	-25	-21.79	-80.21	-56.16	2.43	11.80	H
	10004	-41.24	-25	-16.24	-81.04	-50.74	2.70	12.20	H
	5002	-54.06	-25	-29.06	-79.25	-61.42	2.34	9.70	V
	7503	-46.80	-25	-21.80	-80.22	-56.17	2.43	11.80	V
	10004	-41.40	-25	-16.40	-81.2	-50.9	2.70	12.20	V
Middle	5052	-53.15	-25	-28.15	-78.46	-60.48	2.37	9.70	H
	7578	-46.27	-25	-21.27	-79.78	-55.71	2.40	11.85	H
	10104	-40.45	-25	-15.45	-80.57	-50	2.70	12.24	H
	5052	-53.96	-25	-28.96	-79.27	-61.29	2.37	9.70	V
	7578	-46.55	-25	-21.55	-79.96	-55.99	2.40	11.85	V
	10104	-40.49	-25	-15.49	-80.61	-50.04	2.70	12.24	V
Highest	5102	-53.29	-25	-28.29	-78.74	-60.59	2.40	9.70	H
	7653	-45.98	-25	-20.98	-79.6	-55.49	2.38	11.89	H
	10204	-39.49	-25	-14.49	-79.87	-49.08	2.70	12.28	H
	5102	-54.04	-25	-29.04	-79.49	-61.34	2.40	9.70	V
	7653	-46.16	-25	-21.16	-79.78	-55.673	2.38	11.89	V
	10204	-40.09	-25	-15.09	-80.47	-49.68	2.70	12.28	V

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

**LTE Band 12**

LTE Band 12 / 1.4MHz / QPSK									
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)
Lowest	1400	-51.51	-13.00	-38.51	-63.46	-53.17	0.87	4.68	H
	2096	-62.79	-13.00	-49.79	-77.26	-63.66	1.16	4.19	H
	2796	-59.64	-13.00	-46.64	-77.57	-61.74	1.38	5.64	H
	1400	-47.96	-13.00	-34.96	-59.91	-49.62	0.87	4.68	V
	2096	-61.58	-13.00	-48.58	-76.05	-62.45	1.16	4.19	V
	2796	-59.81	-13.00	-46.81	-77.74	-61.91	1.38	5.64	V
Middle	1416	-56.50	-13.00	-43.50	-68.45	-58.25	0.87	4.78	H
	2120	-61.47	-13.00	-48.47	-76.10	-62.41	1.17	4.26	H
	2796	-59.88	-13.00	-46.88	-77.81	-61.98	1.38	5.64	H
	1416	-53.50	-13.00	-40.50	-65.55	-55.25	0.87	4.78	V
	2120	-57.57	-13.00	-44.57	-72.26	-58.51	1.17	4.26	V
	2796	-59.91	-13.00	-46.91	-77.84	-62.01	1.38	5.64	V
Highest	1432	-51.62	-13.00	-38.62	-63.77	-53.47	0.88	4.88	H
	2144	-62.71	-13.00	-49.71	-77.43	-63.71	1.18	4.33	H
	2858	-59.62	-13.00	-46.62	-77.80	-61.75	1.40	5.69	H
	1432	-48.54	-13.00	-35.54	-60.69	-50.39	0.88	4.88	V
	2144	-61.24	-13.00	-48.24	-75.96	-62.24	1.18	4.33	V
	2858	-59.58	-13.00	-46.58	-77.76	-61.71	1.40	5.69	V

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



LTE Band 12 / 3MHz / QPSK									
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)
Lowest	1400	-51.14	-13.00	-38.14	-63.09	-52.80	0.87	4.68	H
	2096	-62.90	-13.00	-49.90	-77.37	-63.77	1.16	4.19	H
	2796	-59.93	-13.00	-46.93	-77.86	-62.03	1.38	5.64	H
	1400	-47.70	-13.00	-34.70	-59.65	-49.36	0.87	4.68	V
	2096	-62.17	-13.00	-49.17	-76.64	-63.04	1.16	4.19	V
	2796	-59.74	-13.00	-46.74	-77.67	-61.84	1.38	5.64	V
Middle	1416	-57.02	-13.00	-44.02	-68.97	-58.77	0.87	4.78	H
	2120	-60.50	-13.00	-47.50	-75.13	-61.44	1.17	4.26	H
	2824	-59.61	-13.00	-46.61	-77.62	-61.73	1.39	5.66	H
	1416	-51.95	-13.00	-38.95	-63.90	-53.70	0.87	4.78	V
	2120	-55.92	-13.00	-42.92	-70.55	-56.86	1.17	4.26	V
	2824	-59.57	-13.00	-46.57	-77.58	-61.69	1.39	5.66	V
Highest	1424	-54.02	-13.00	-41.02	-66.17	-55.82	0.88	4.83	H
	2144	-61.99	-13.00	-48.99	-76.71	-62.99	1.18	4.33	H
	2852	-59.74	-13.00	-46.74	-77.92	-61.87	1.40	5.68	H
	1424	-49.51	-13.00	-36.51	-61.66	-51.31	0.88	4.83	V
	2144	-59.30	-13.00	-46.30	-74.02	-60.30	1.18	4.33	V
	2852	-59.58	-13.00	-46.58	-77.76	-61.71	1.40	5.68	V

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



LTE Band 12 / 5MHz / QPSK									
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)
Lowest	1400	-50.09	-13.00	-37.09	-62.04	-51.75	0.87	4.68	H
	2096	-62.37	-13.00	-49.37	-76.84	-63.24	1.16	4.19	H
	2800	-59.97	-13.00	-46.97	-77.90	-62.08	1.38	5.64	H
	1400	-48.03	-13.00	-35.03	-59.98	-49.69	0.87	4.68	V
	2096	-61.60	-13.00	-48.60	-76.07	-62.47	1.16	4.19	V
	2800	-59.26	-13.00	-46.26	-77.19	-61.37	1.38	5.64	V
Middle	1408	-55.26	-13.00	-42.26	-67.20	-56.97	0.87	4.73	H
	2120	-58.81	-13.00	-45.81	-73.43	-59.75	1.17	4.26	H
	2820	-59.85	-13.00	-46.85	-77.85	-61.96	1.39	5.66	H
	1408	-51.25	-13.00	-38.25	-63.19	-52.96	0.87	4.73	V
	2120	-54.98	-13.00	-41.98	-69.60	-55.92	1.17	4.26	V
	2820	-60.02	-13.00	-47.02	-78.02	-62.13	1.39	5.66	V
Highest	1424	-55.73	-13.00	-42.73	-67.88	-57.53	0.88	4.83	H
	2136	-62.62	-13.00	-49.62	-77.34	-63.60	1.18	4.31	H
	2844	-59.82	-13.00	-46.82	-77.91	-61.95	1.40	5.68	H
	1424	-52.08	-13.00	-39.08	-64.23	-53.88	0.88	4.83	V
	2136	-59.96	-13.00	-46.96	-74.68	-60.94	1.18	4.31	V
	2844	-59.61	-13.00	-46.61	-77.70	-61.74	1.40	5.68	V

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



LTE Band 12 / 10MHz / QPSK									
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)
Lowest	1400	-49.00	-13.00	-36.00	-60.94	-50.66	0.87	4.68	H
	2099	-63.19	-13.00	-50.19	-77.72	-64.07	1.17	4.20	H
	2798	-59.91	-13.00	-46.91	-77.83	-62.01	1.38	5.64	H
	1400	-45.82	-13.00	-32.82	-57.76	-47.48	0.87	4.68	V
	2099	-63.09	-13.00	-50.09	-77.62	-63.97	1.17	4.20	V
	2798	-59.94	-13.00	-46.94	-77.86	-62.04	1.38	5.64	V
Middle	1408	-52.68	-13.00	-39.68	-64.62	-54.39	0.87	4.73	H
	2109	-62.20	-13.00	-49.20	-76.73	-63.11	1.17	4.23	H
	2812	-59.88	-13.00	-46.88	-77.88	-61.99	1.39	5.65	H
	1408	-47.63	-13.00	-34.63	-59.57	-49.34	0.87	4.73	V
	2109	-60.15	-13.00	-47.15	-74.68	-61.06	1.17	4.23	V
	2812	-59.75	-13.00	-46.75	-77.75	-61.86	1.39	5.65	V
Highest	1416	-55.60	-13.00	-42.60	-67.54	-57.35	0.87	4.78	H
	2120	-60.77	-13.00	-47.77	-75.39	-61.71	1.17	4.26	H
	2826	-59.76	-13.00	-46.76	-77.76	-61.88	1.39	5.66	H
	1416	-52.16	-13.00	-39.16	-64.10	-53.91	0.87	4.78	V
	2120	-58.11	-13.00	-45.11	-72.73	-59.05	1.17	4.26	V
	2826	-59.66	-13.00	-46.66	-77.66	-61.78	1.39	5.66	V

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



LTE Band 17

LTE Band 17 / 5MHz / QPSK									
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)
Lowest	1408	-49.52	-13	-36.52	-61.47	-51.23	0.87	4.73	H
	2112	-57.26	-13	-44.26	-71.81	-58.18	1.17	4.24	H
	2816	-59.69	-13	-46.69	-77.70	-61.80	1.39	5.65	H
	1408	-53.21	-13	-40.21	-65.16	-54.92	0.87	4.73	V
	2112	-59.36	-13	-46.36	-73.91	-60.28	1.17	4.24	V
	2816	-59.76	-13	-46.76	-77.77	-61.87	1.39	5.65	V
Middle	1416	-53.61	-13	-40.61	-65.56	-55.36	0.87	4.78	H
	2128	-58.89	-13	-45.89	-73.52	-59.85	1.17	4.28	H
	2830	-59.59	-13	-46.59	-77.68	-61.71	1.39	5.66	H
	1416	-56.73	-13	-43.73	-68.68	-58.48	0.87	4.78	V
	2128	-60.02	-13	-47.02	-74.65	-60.98	1.17	4.28	V
	2830	-59.44	-13	-46.44	-77.53	-61.56	1.39	5.66	V
Highest	1424	-49.18	-13	-36.18	-61.33	-50.98	0.88	4.83	H
	2136	-55.96	-13	-42.96	-70.68	-56.94	1.18	4.31	H
	2844	-59.74	-13	-46.74	-77.83	-61.87	1.40	5.68	H
	1424	-53.41	-13	-40.41	-65.56	-55.21	0.88	4.83	V
	2136	-56.89	-13	-43.89	-71.61	-57.87	1.18	4.31	V
	2844	-59.86	-13	-46.86	-77.95	-61.99	1.40	5.68	V

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



LTE Band 17 / 10MHz / QPSK									
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)
Lowest	1408	-49.04	-13	-36.04	-60.99	-50.75	0.87	4.73	H
	2112	-54.60	-13	-41.60	-69.15	-55.52	1.17	4.24	H
	2816	-59.66	-13	-46.66	-77.67	-61.77	1.39	5.65	H
	1408	-52.52	-13	-39.52	-64.47	-54.23	0.87	4.73	V
	2112	-46.01	-13	-33.01	-60.56	-46.93	1.17	4.24	V
	2816	-59.87	-13	-46.87	-77.88	-61.98	1.39	5.65	V
Middle	1408	-51.13	-13	-38.13	-63.08	-52.84	0.87	4.73	H
	2120	-56.44	-13	-43.44	-71.07	-57.38	1.17	4.26	H
	2820	-59.65	-13	-46.65	-77.66	-61.76	1.39	5.66	H
	1408	-54.43	-13	-41.43	-66.38	-56.14	0.87	4.73	V
	2120	-58.72	-13	-45.72	-73.35	-59.66	1.17	4.26	V
	2820	-59.73	-13	-46.73	-77.74	-61.84	1.39	5.66	V
Highest	1416	-52.74	-13	-39.74	-64.69	-54.49	0.87	4.78	H
	2120	-55.67	-13	-42.67	-70.30	-56.61	1.17	4.26	H
	2824	-59.85	-13	-46.85	-77.86	-61.97	1.39	5.66	H
	1416	-55.33	-13	-42.33	-67.28	-57.08	0.87	4.78	V
	2120	-57.65	-13	-44.65	-72.28	-58.59	1.17	4.26	V
	2824	-59.65	-13	-46.65	-77.66	-61.77	1.39	5.66	V

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



Appendix D. Product Equality Declaration



5F, C building, No. 232, Liang Jing Road
ZhangJiang High-Tech Park, Pudong Area
Shanghai, P.R. China. 201203
TEL: +86(0)21 61460666
FAX: +86(0)21 61460602

Declaration of changes from Initial to Variant

General: 6055A is a variant product of 6055U

● SOFTWARE MODIFICATIONS:

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: Yes (6055A does not support DM/FUMO)
- Other changes detailed:
 1. Enable FDD band17
 2. Add UICC base NFC

● HARDWARE MODIFICATIONS:

- Band changes: No
- PCB Layout changes: No
- Main RF components changes:

	Antenna	AP	Modem	Transceiver	Power Amplifier	Rx SAW Filter	ASM
GSM850	No	No	No	No	No	No	No
GSM900	No	No	No	No	No	No	No
GSM1800	No	No	No	No	No	No	No
GSM1900	No	No	No	No	No	No	No

	Antenna	AP	Modem	Transceiver	Power Amplifier	Tx SAW Filter	Duplexer	ASM
UMTS band X	No	No	No	No	No	No	No	No

	Antenna	AP	Modem	Transceiver	Power Amplifier	Tx SAW Filter	Rx SAW Filter	Duplexer	ASM
LTE Band x	No	No	No	No	No	No	No	No	No
LTE Band x	No	No	No	No	No	No	No	No	No

	Antenna	AP	Modem	Transceiver	Power Amplifier	Balun	Band pass filter	Diplexer
Bluetooth	No	No	No	No	No	No	No	No

Wi-Fi	No	No	No	No	No	No	No	No
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- FM changes: No
- LCD/ Speaker/ Camera/ Vibrator changes: No (indicated the changed items if yes)
- Other changes detailed:
Reduce 2db power in band 7.

● **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: No
- Mechanical shell changes:
Whole size of EUT: No
Distance of Ear reference point to bottom of handset: No
Other trinkets to change the surface of handset: No
- Other changes detailed:
1. Different logo on backcover.

APPROVED BY:

Project Manager: *Freda*

Signature: *8.10.*

Date: