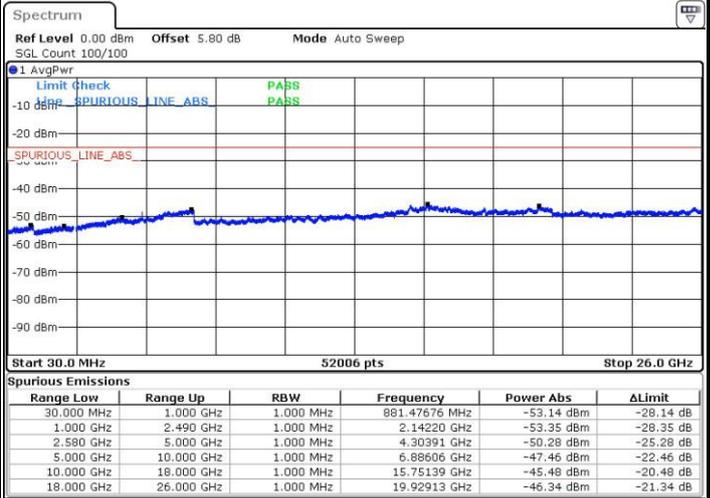
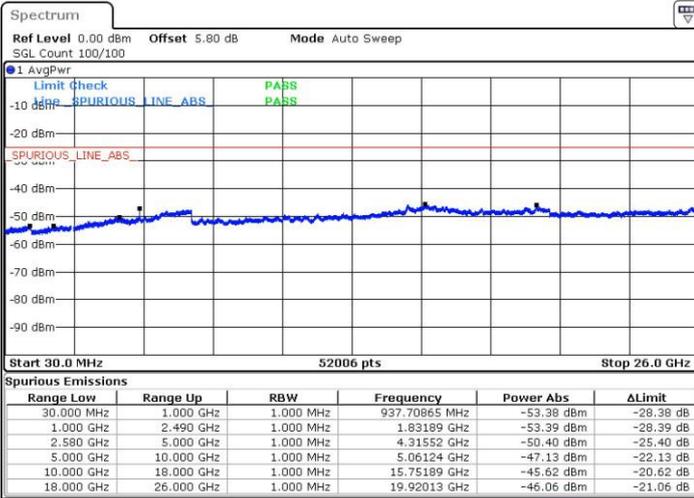




LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

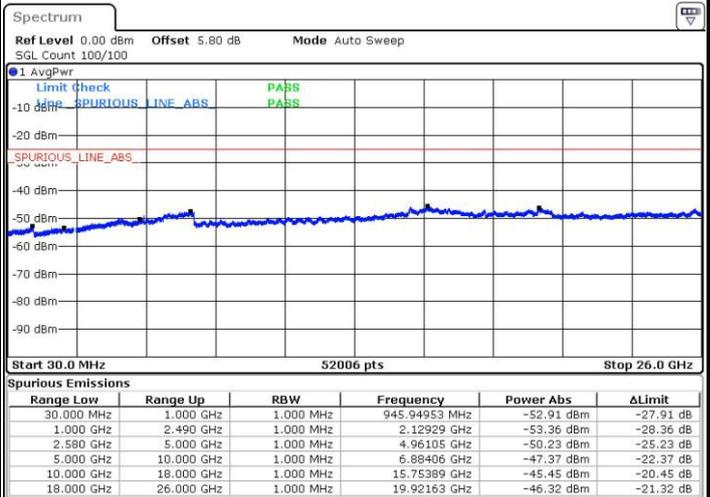
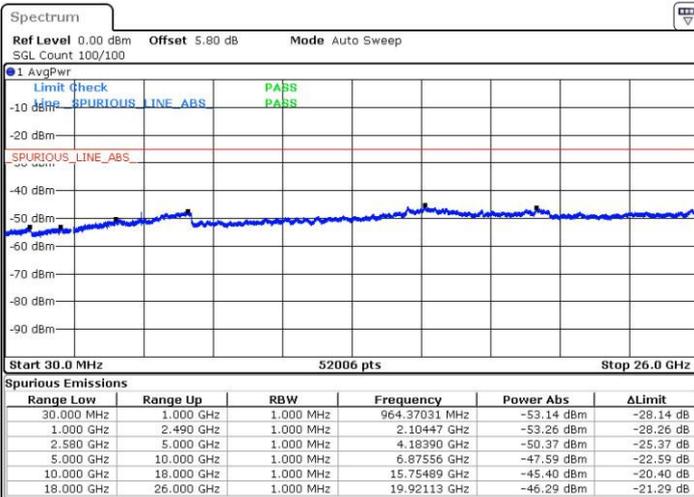


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Date: 23 APR 2016 21:47:50

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 21:49:39

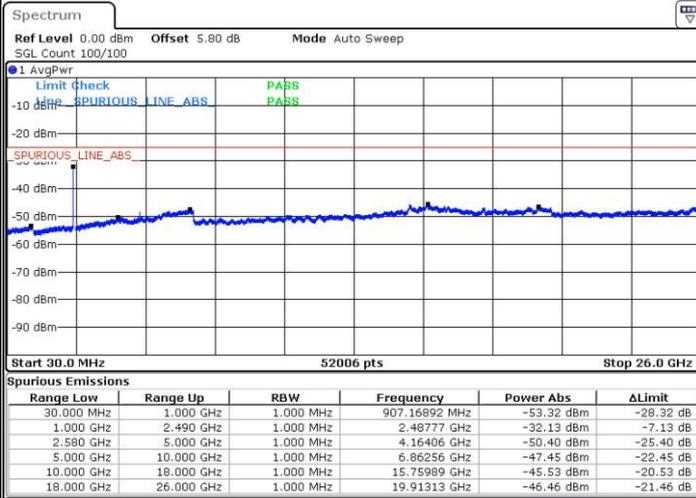
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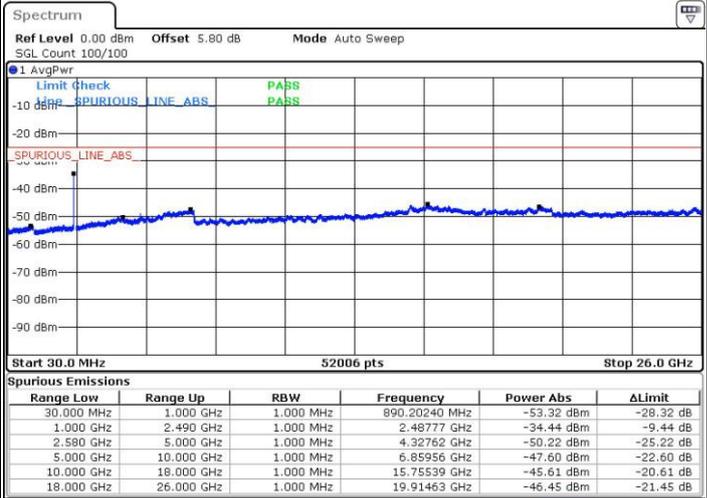
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



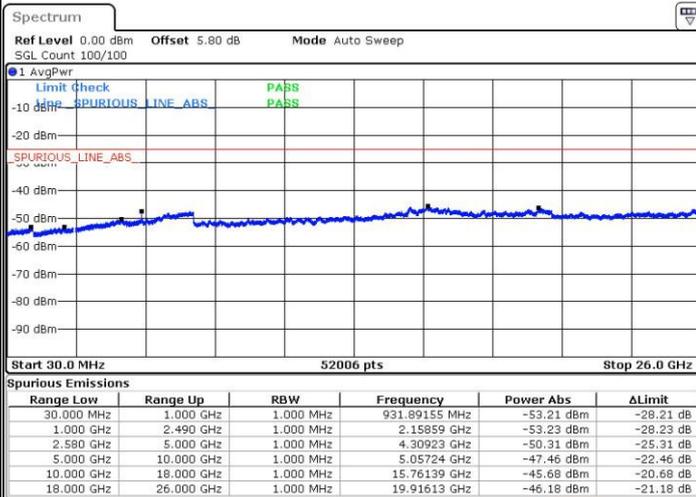
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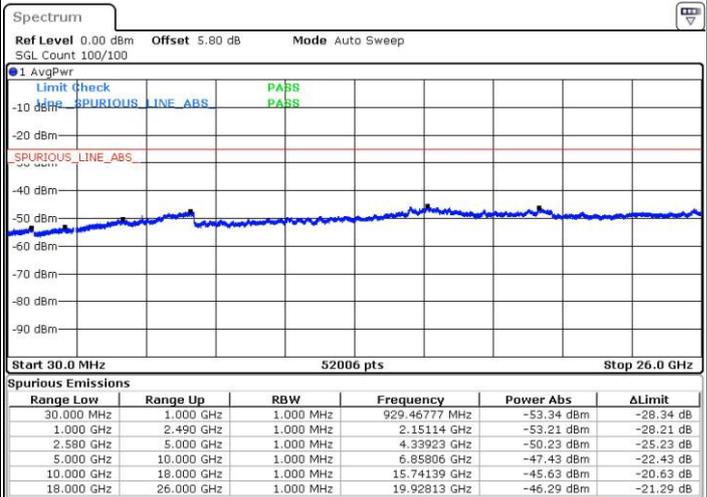
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Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23 APR 2016 22:43:35



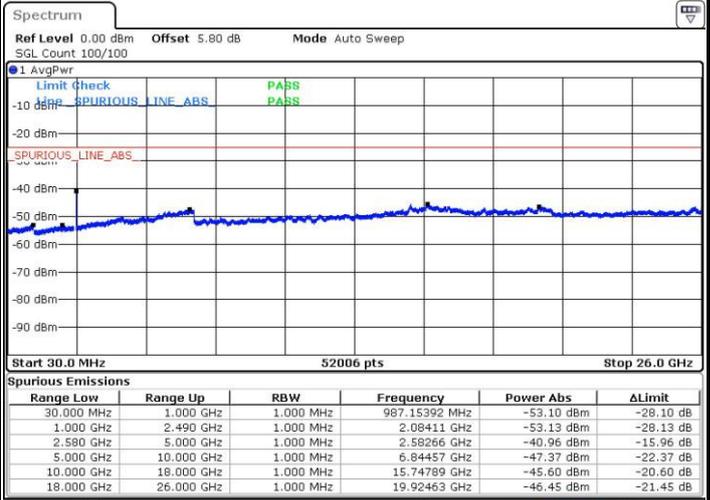
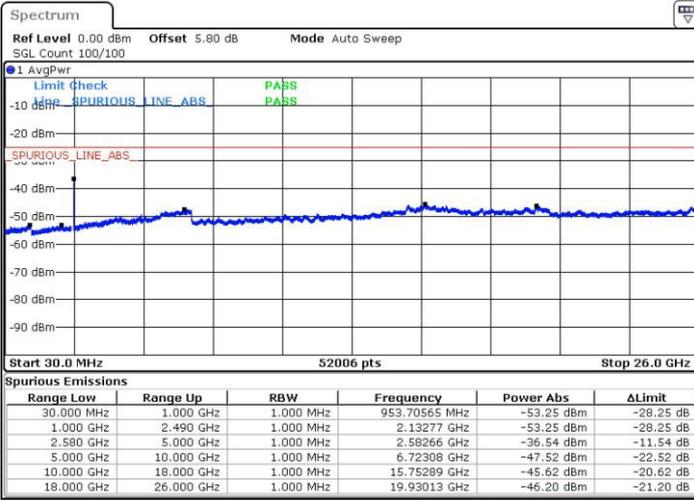
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LTE Band7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



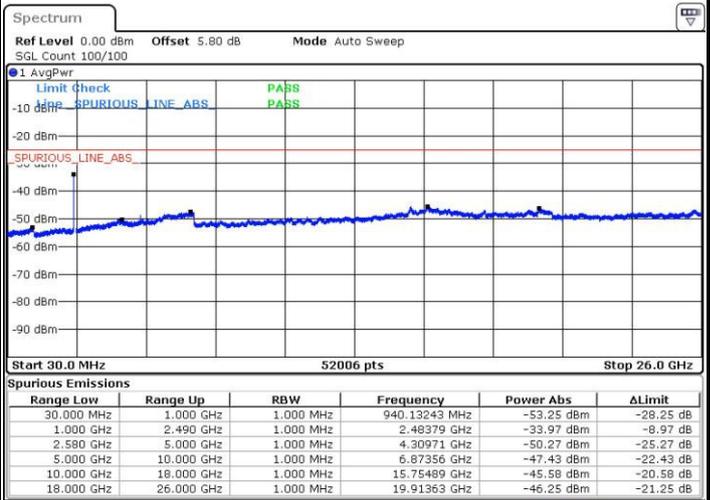
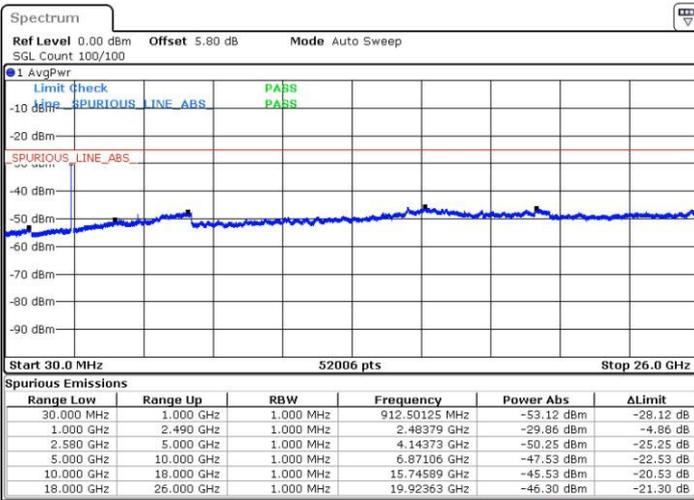
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Date: 23 APR 2016 22:45:14

LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 23 APR 2016 22:56:47

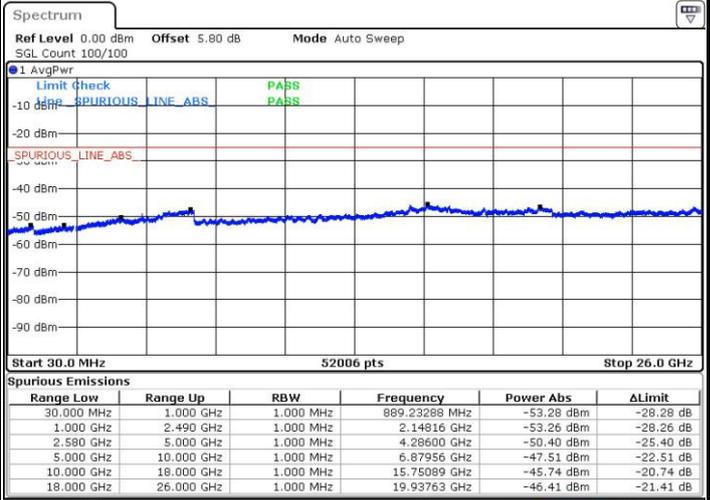
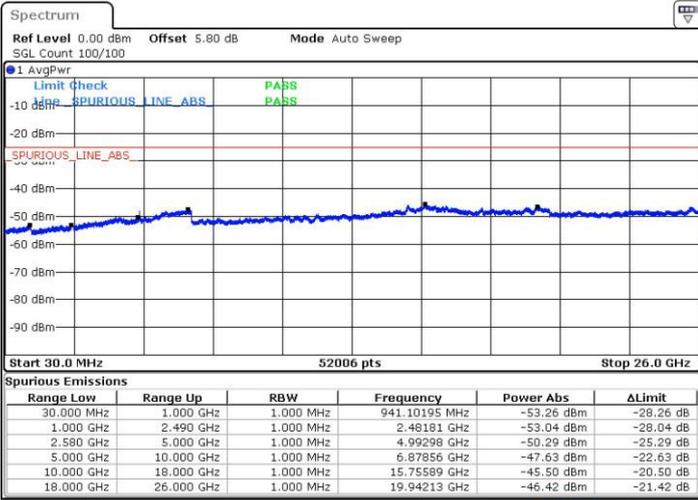
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LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

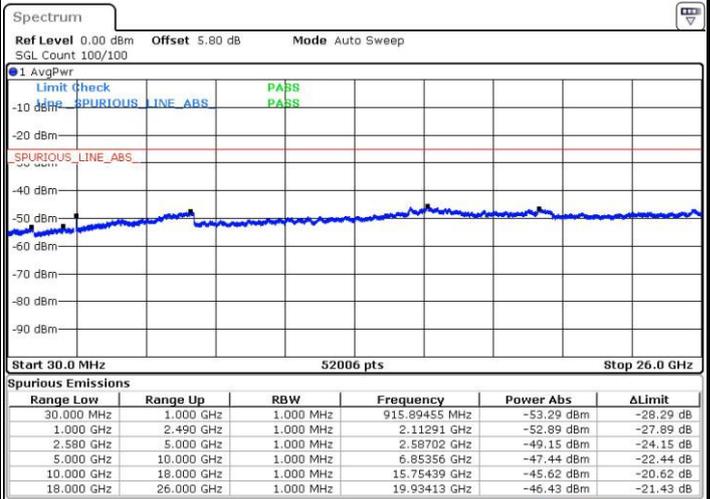
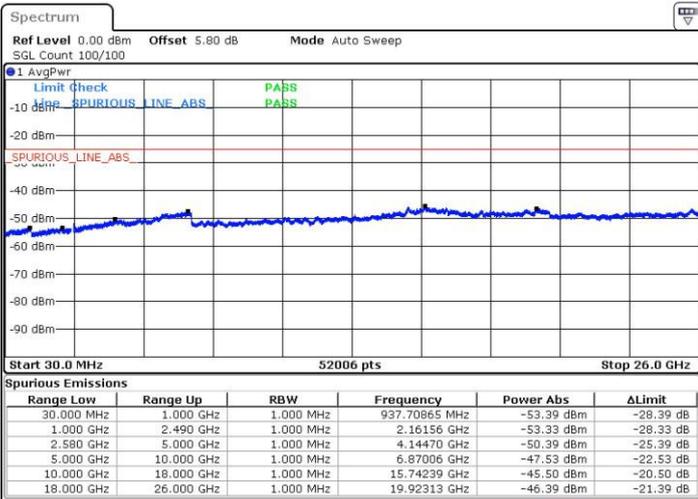


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Date: 23 APR 2016 22:58:22

Highest Channel / QPSK

Highest Channel / 16QAM



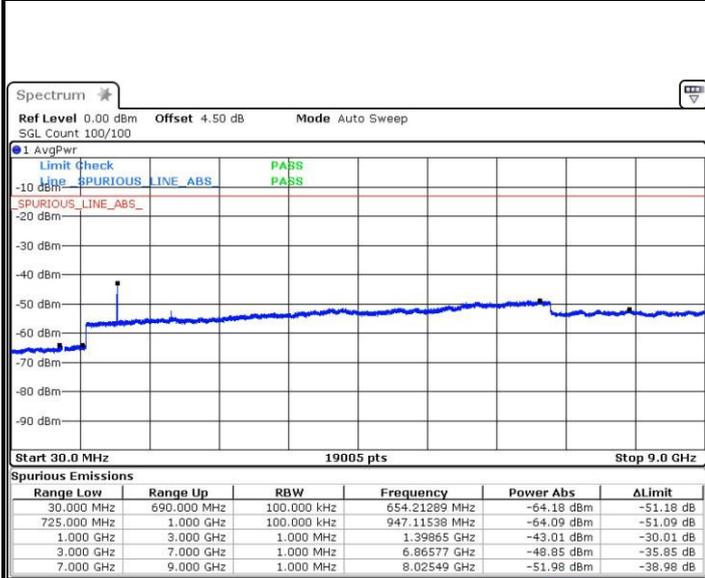
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Date: 23 APR 2016 22:59:12



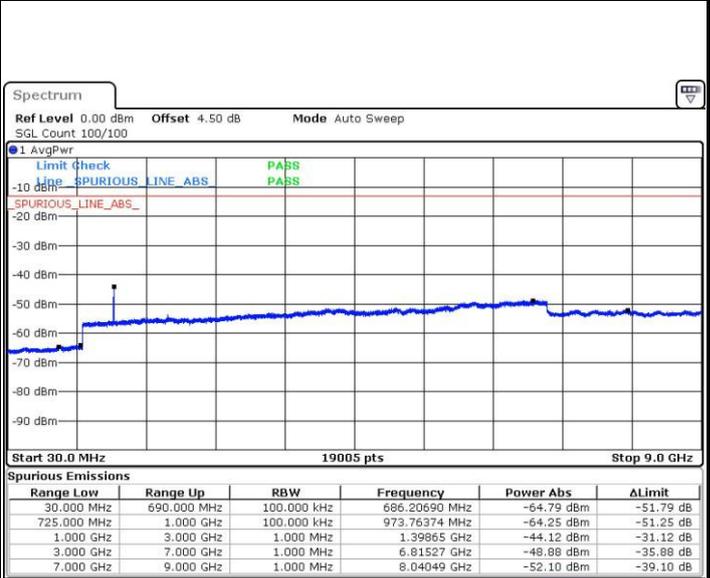
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



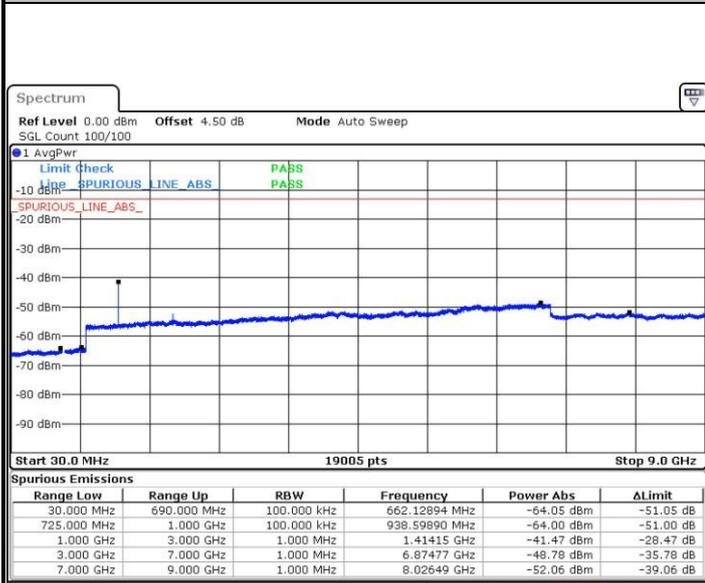
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Lowest Channel / 16QAM



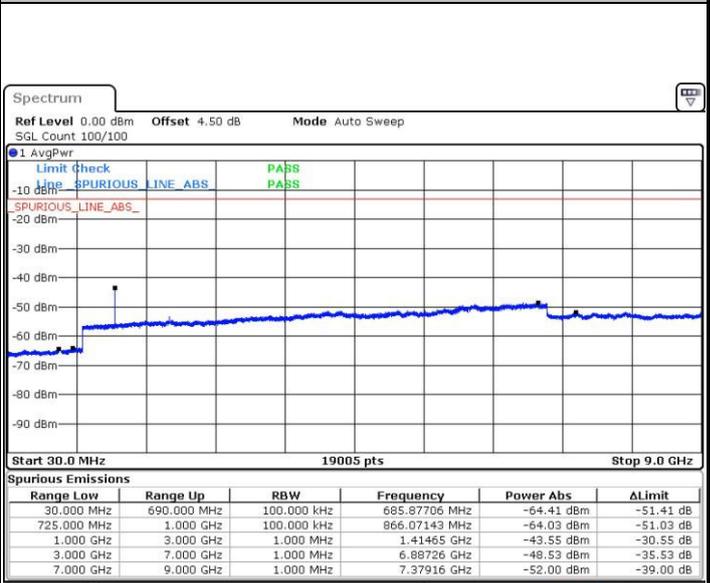
Date: 17.APR.2016 04:17:47

Middle Channel / QPSK



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

Middle Channel / 16QAM

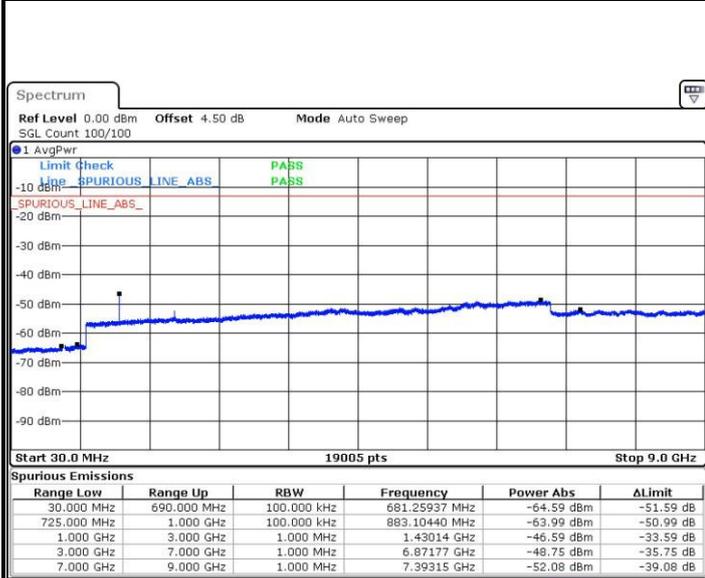


Date: 17.APR.2016 02:29:31



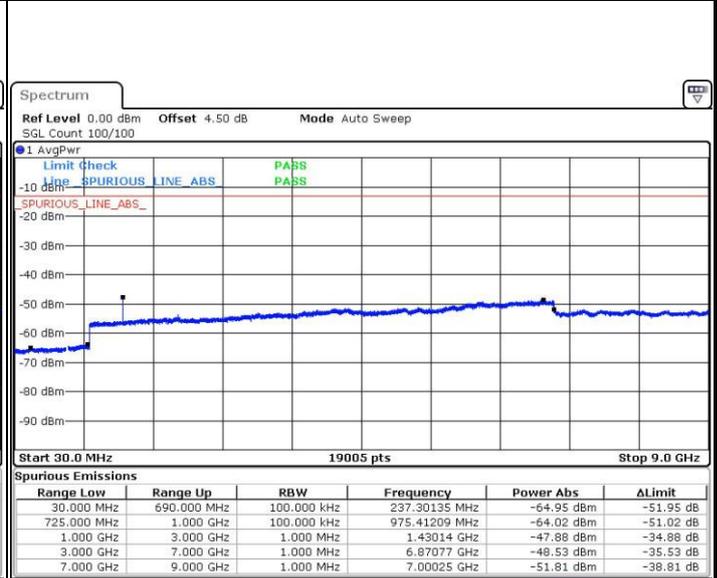
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



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

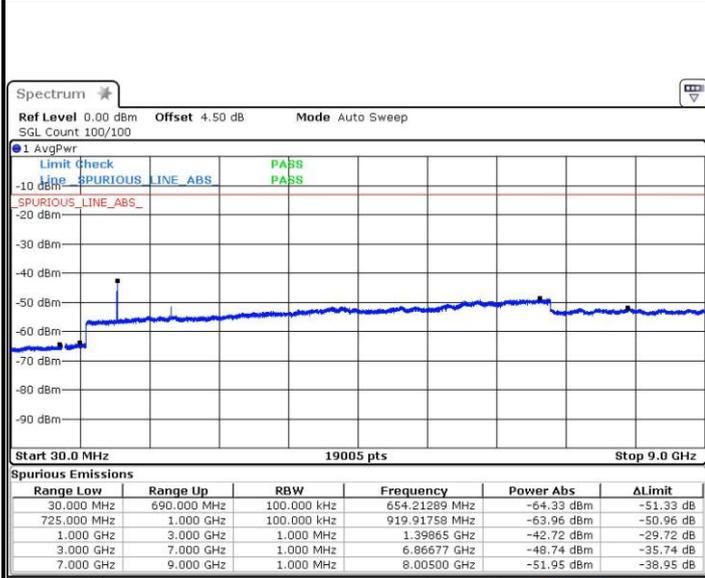
Highest Channel / 16QAM



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

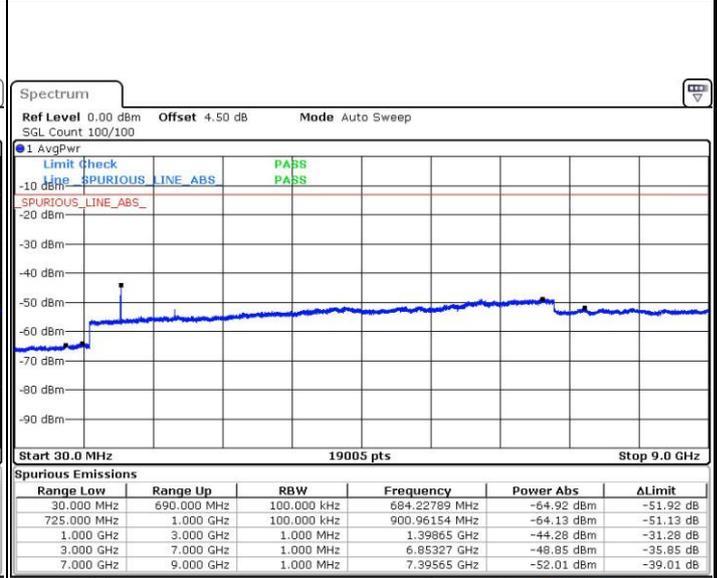
LTE Band 12 / 3MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM

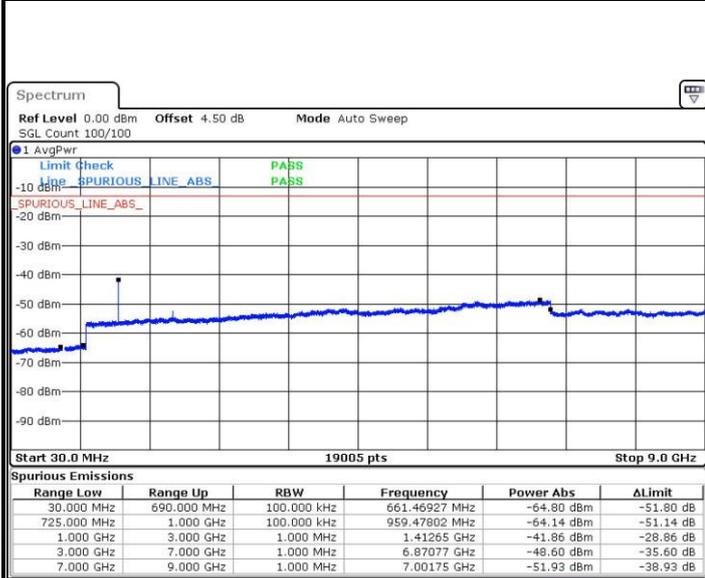


Date: 17.APR.2016 02:52:20



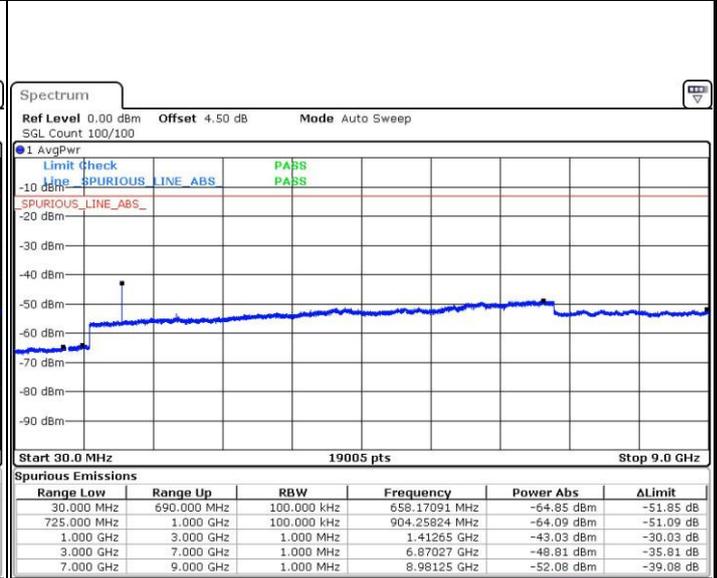
LTE Band 12 / 3MHz

Middle Channel / QPSK



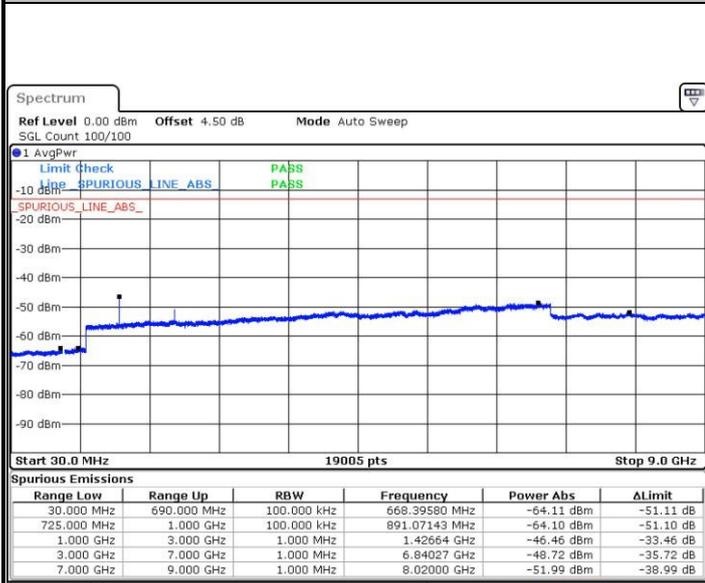
Date: 17.APR.2016 02:54:10

Middle Channel / 16QAM



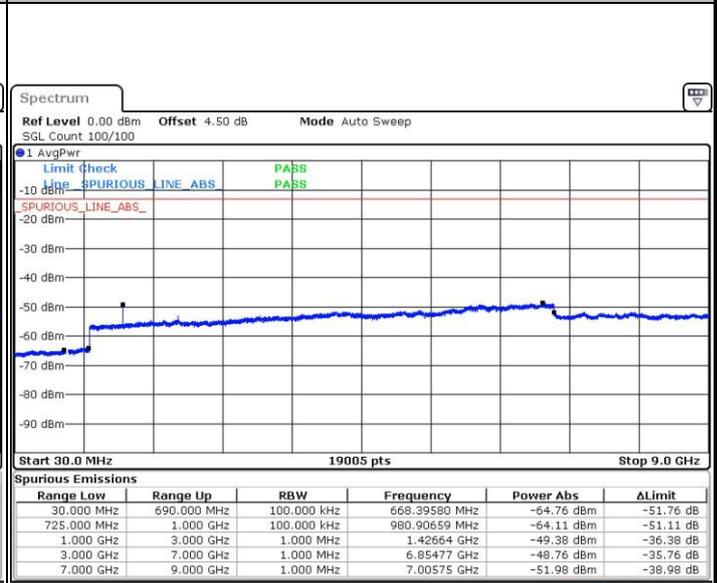
Date: 17.APR.2016 02:53:15

Highest Channel / QPSK



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

Highest Channel / 16QAM



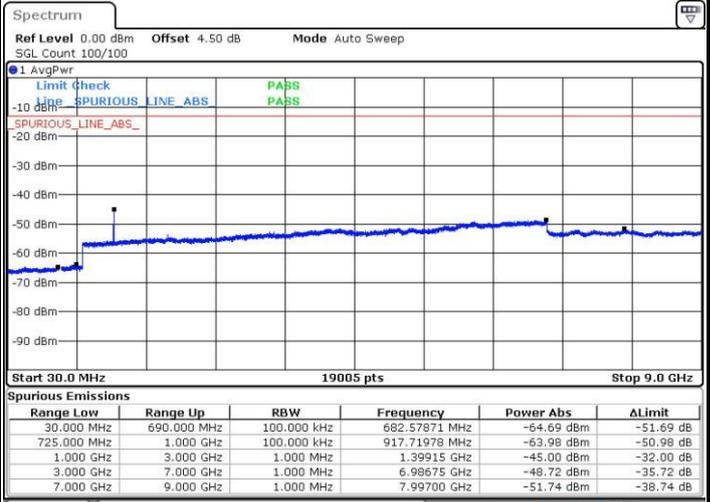
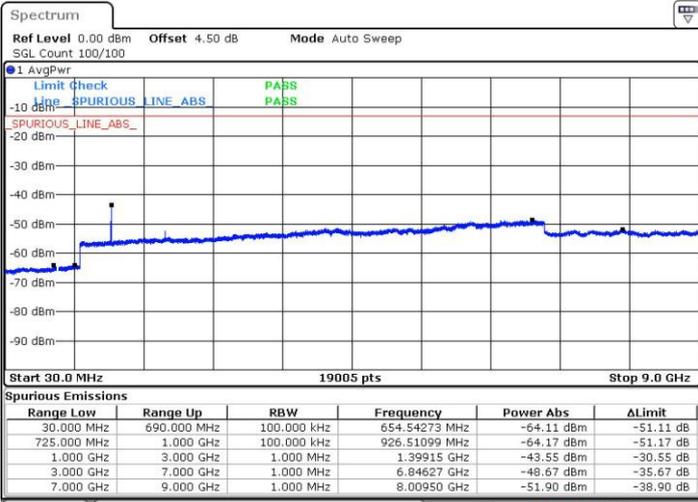
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LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

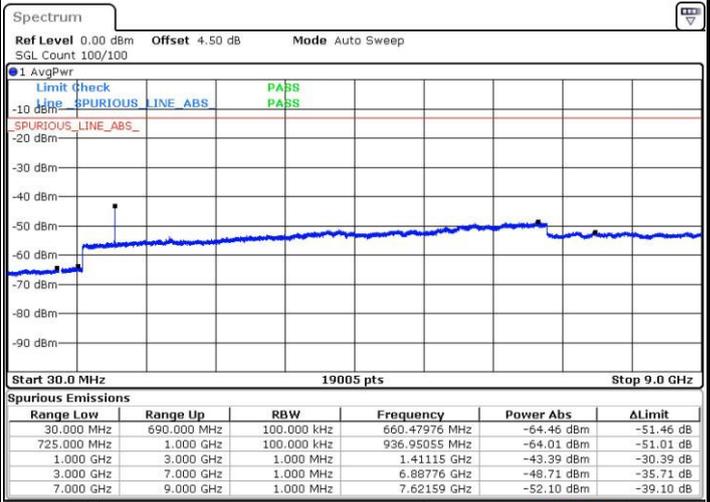
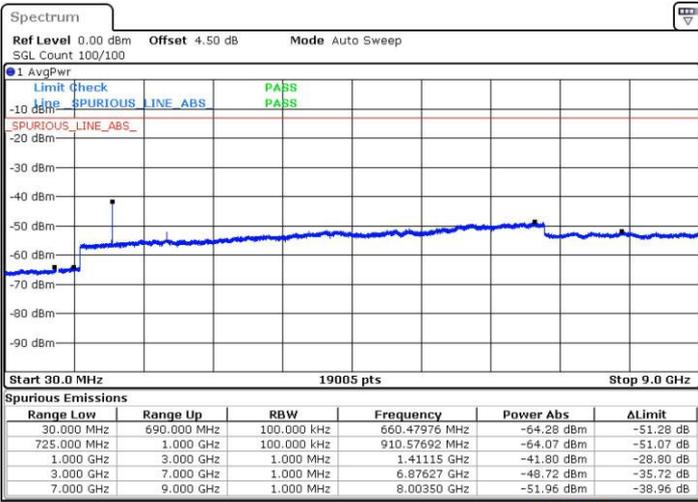


Date: 17.APR.2016 04:24:25

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

Middle Channel / QPSK

Middle Channel / 16QAM



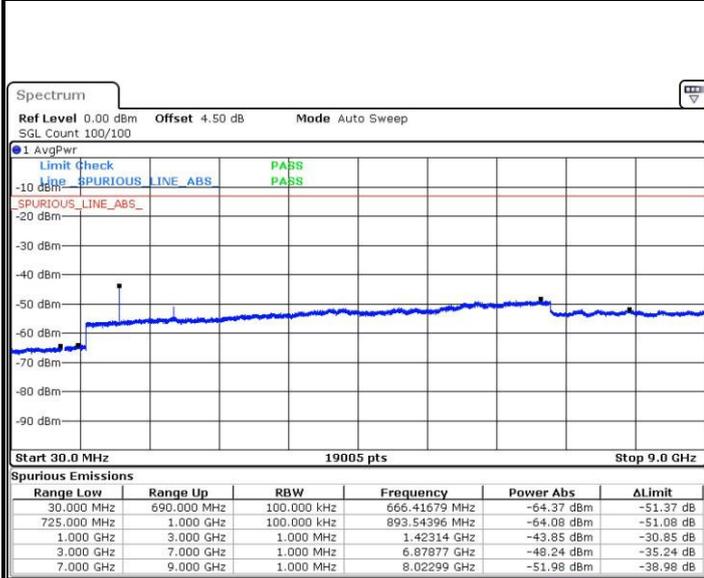
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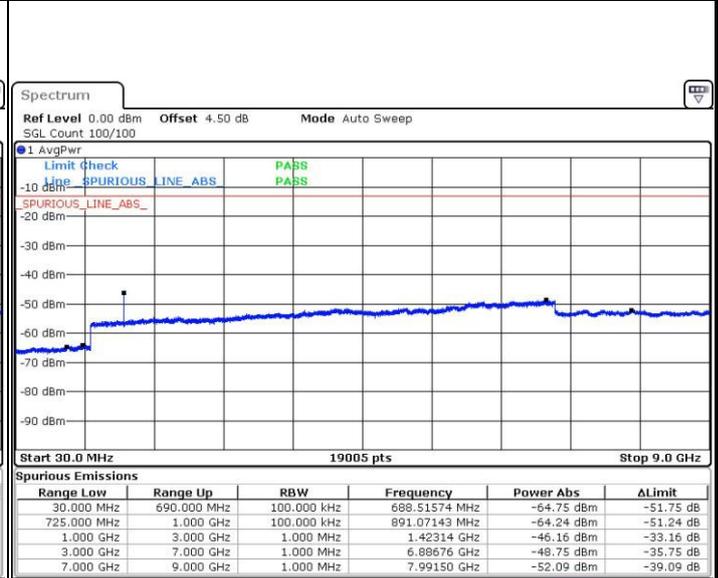
LTE Band 12 / 5MHz

Highest Channel / QPSK



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

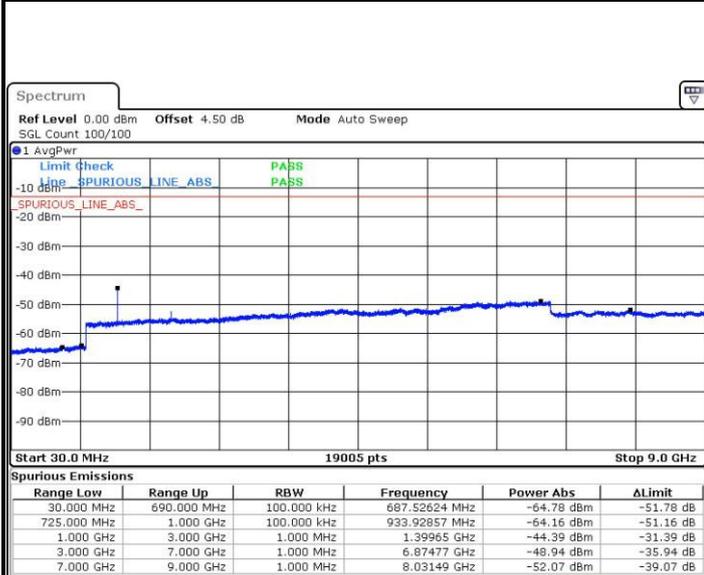
Highest Channel / 16QAM



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

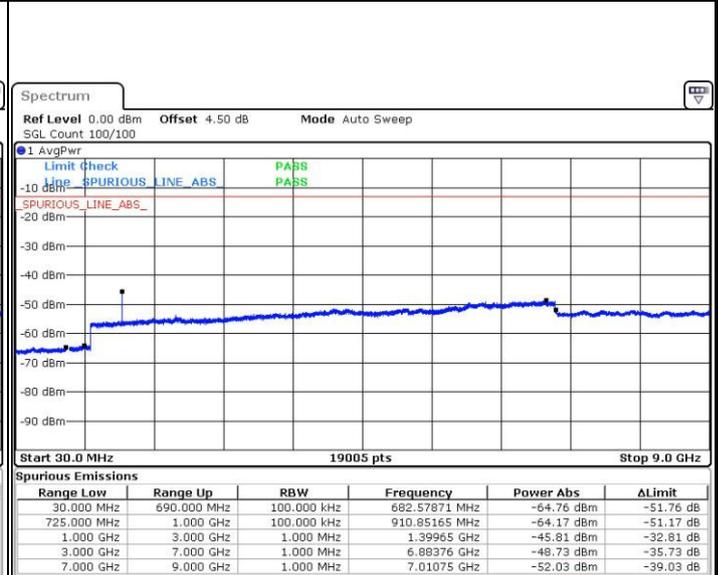
LTE Band 12 / 10MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM



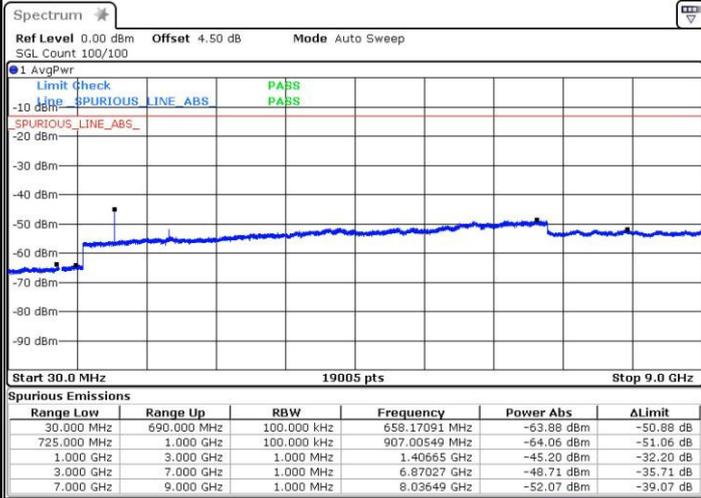
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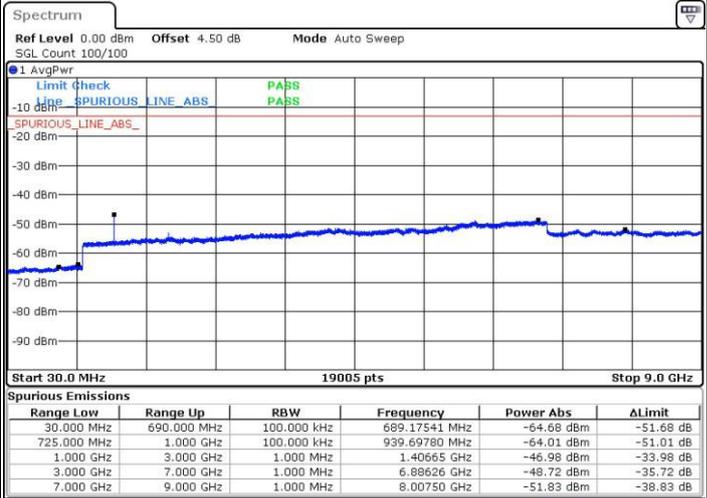
LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



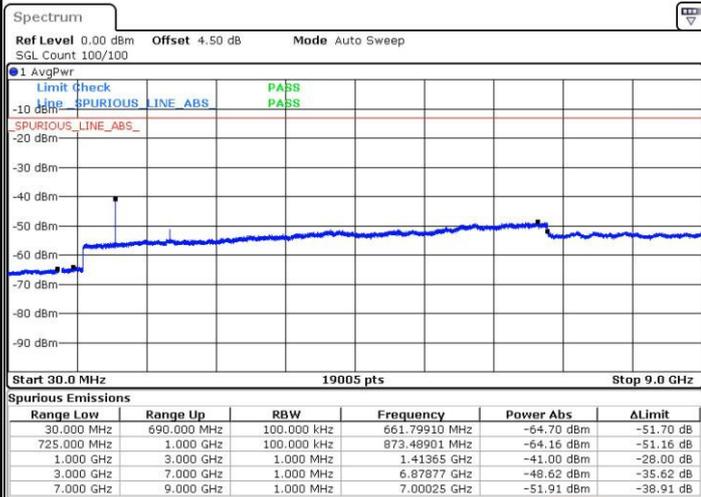
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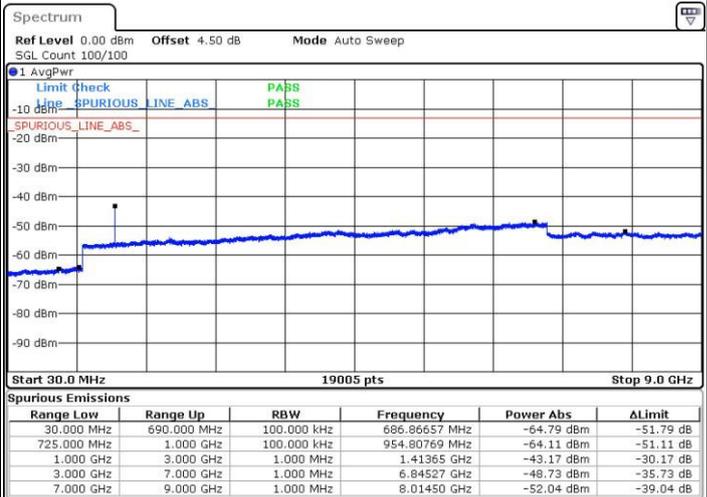
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Highest Channel / QPSK

Highest Channel / 16QAM



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



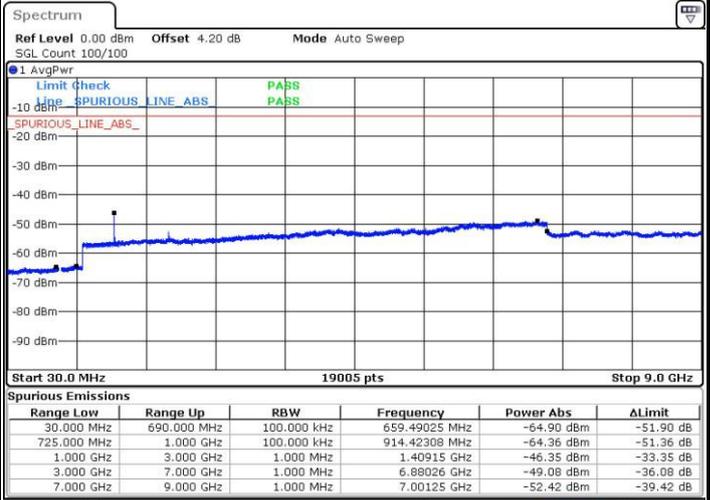
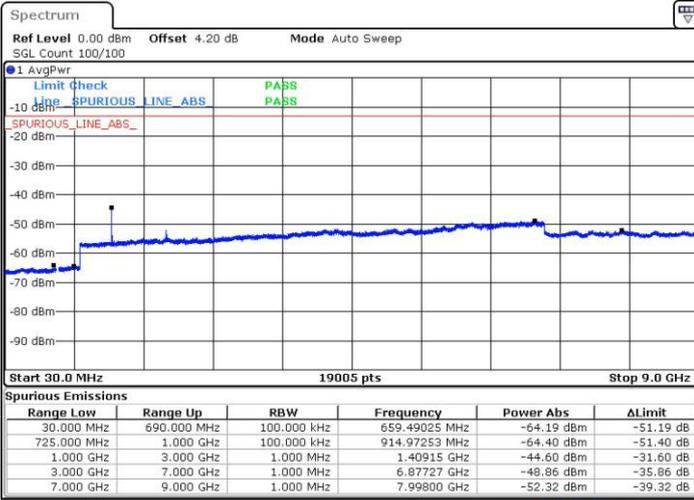
Date: 17.APR.2016 03:43:29



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

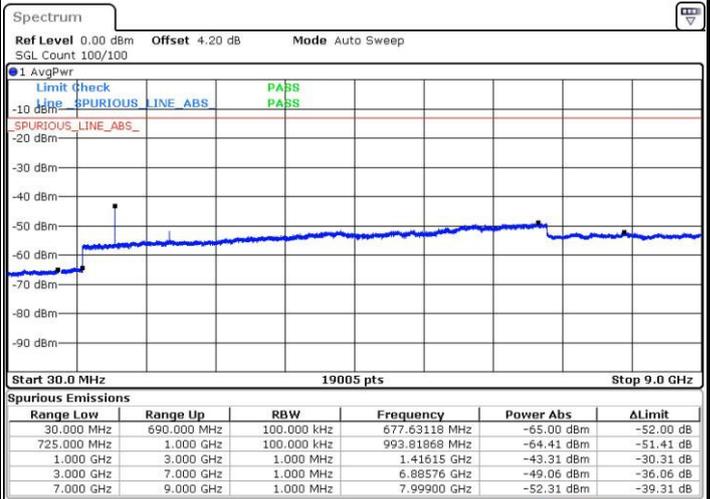
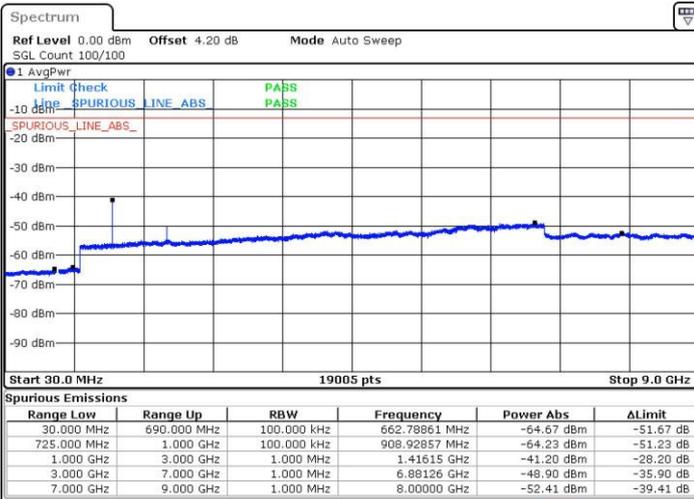


Date: 18 JUL 2016 11:17:39

Date: 18 JUL 2016 11:18:34

Middle Channel / QPSK

Middle Channel / 16QAM



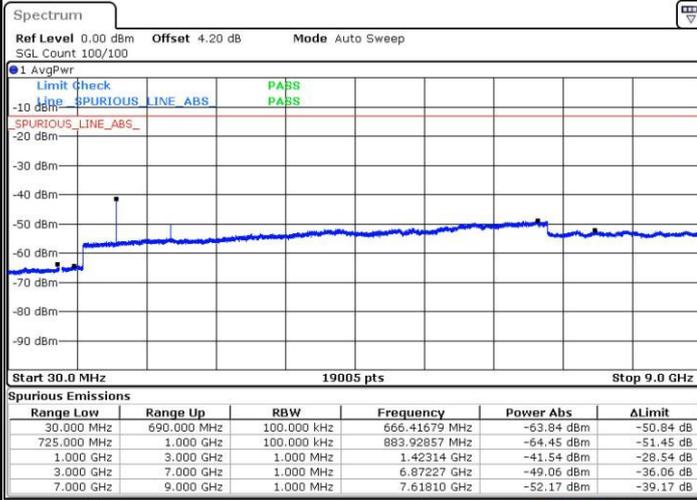
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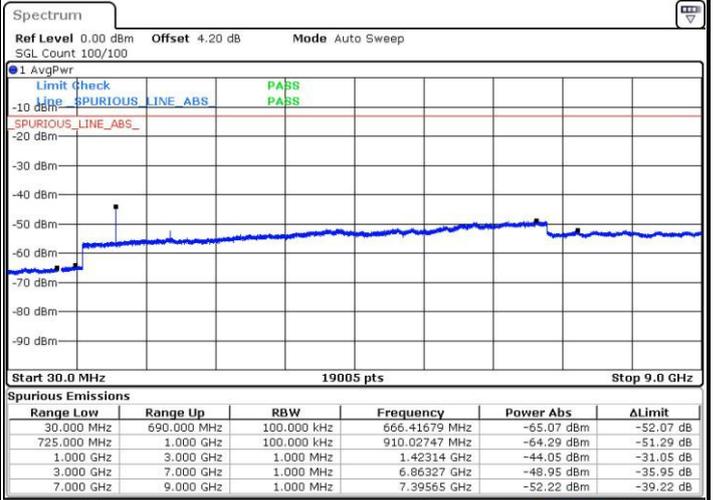
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 18 JUL 2016 11:27:16

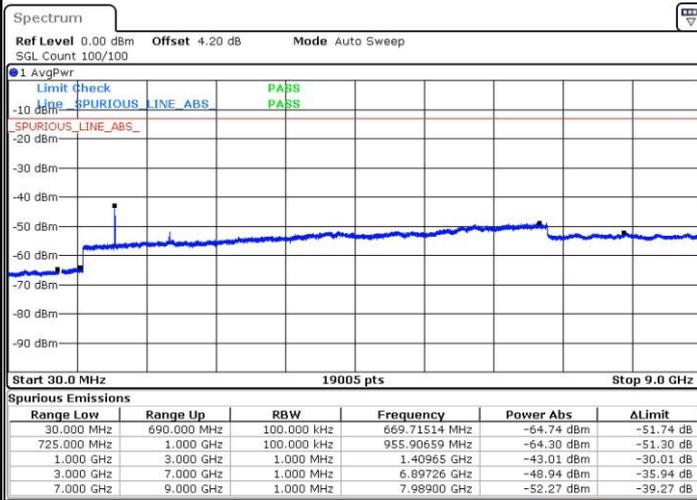
Highest Channel / 16QAM



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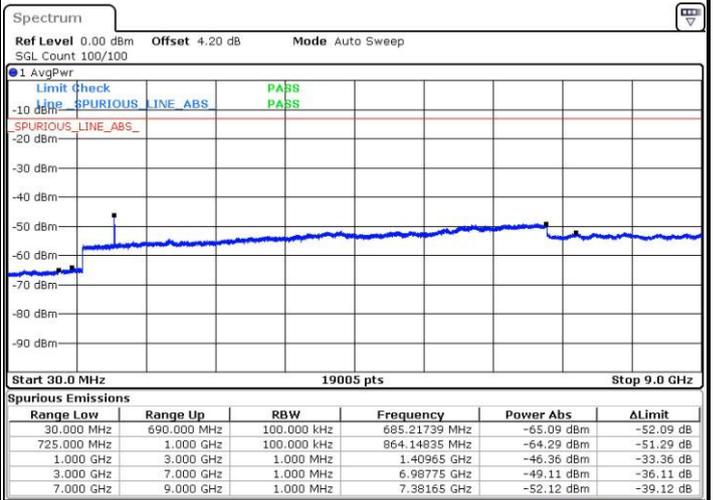
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 18 JUL 2016 11:34:20

Lowest Channel / 16QAM



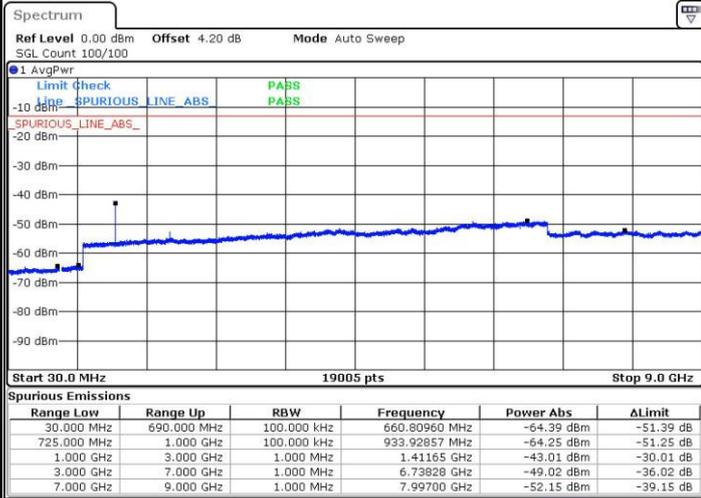
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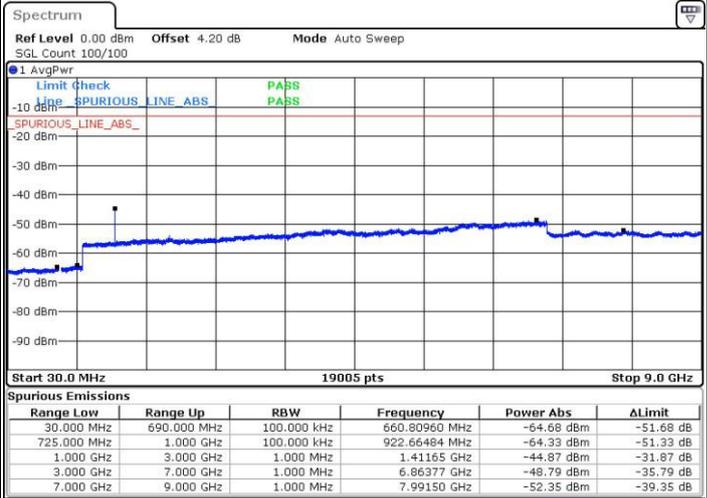
LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



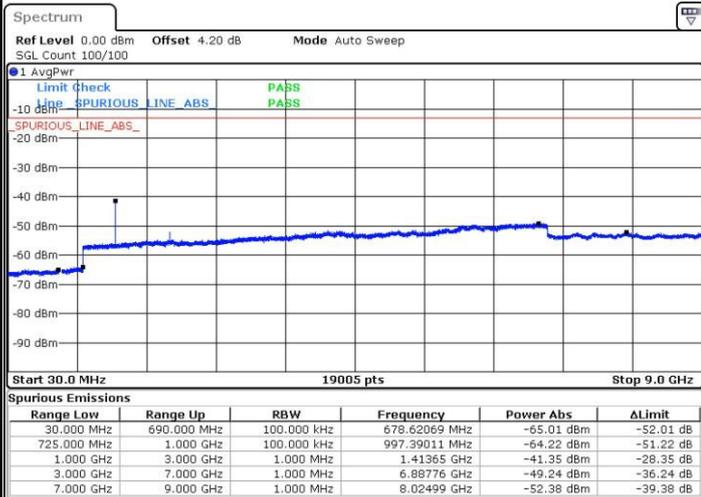
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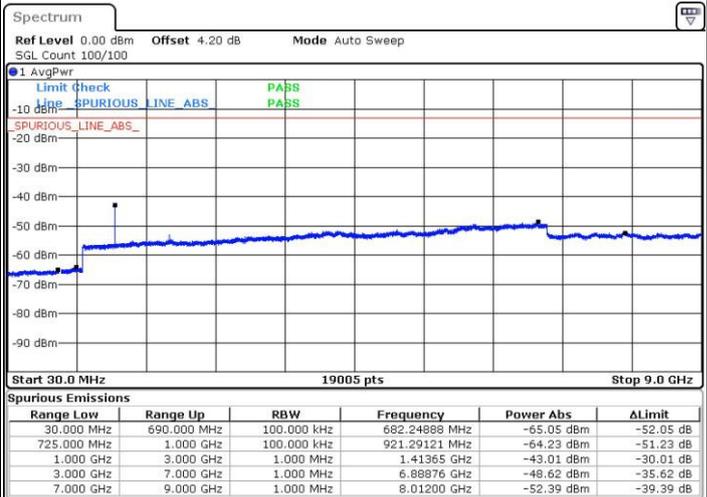
Date: 18 JUL 2016 11:37:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 JUL 2016 11:43:56



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

Wi-Fi	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: