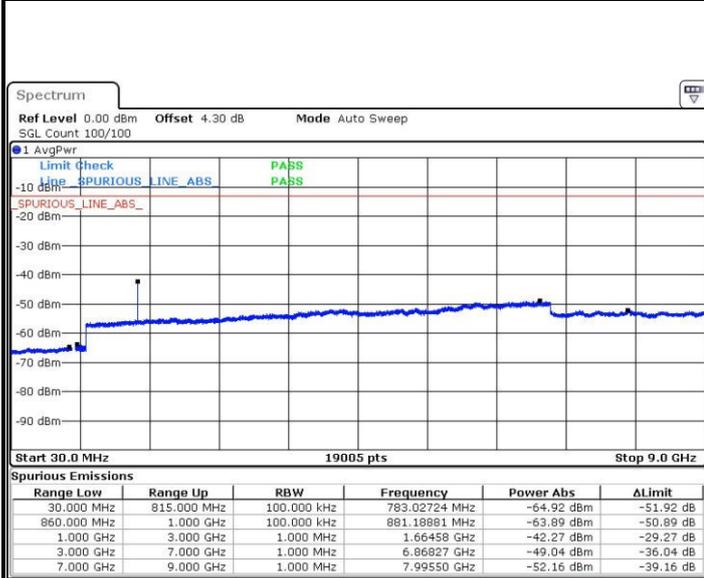




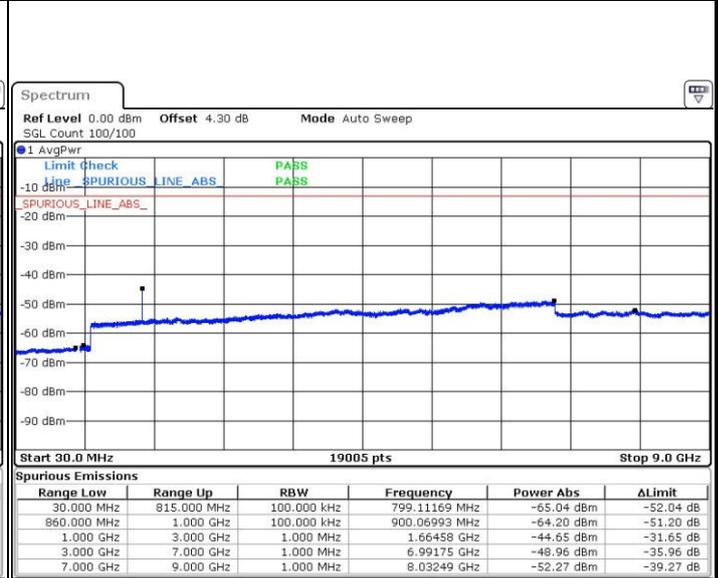
LTE Band 5 / 10MHz

Middle Channel / QPSK



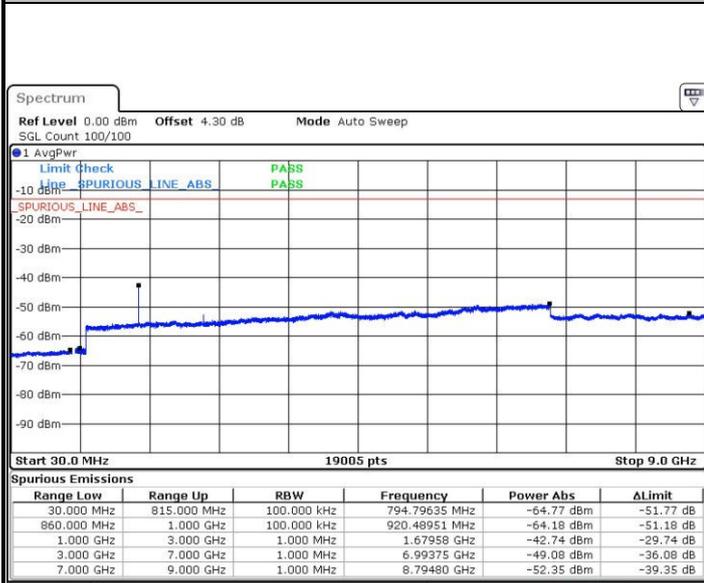
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Middle Channel / 16QAM



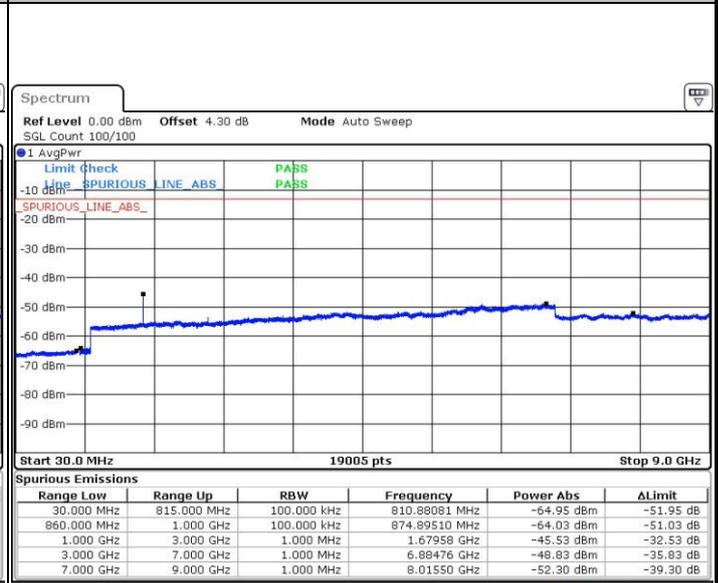
Date: 25 APR 2016 22:50:59

Highest Channel / QPSK



Date: 25 APR 2016 23:00:40

Highest Channel / 16QAM



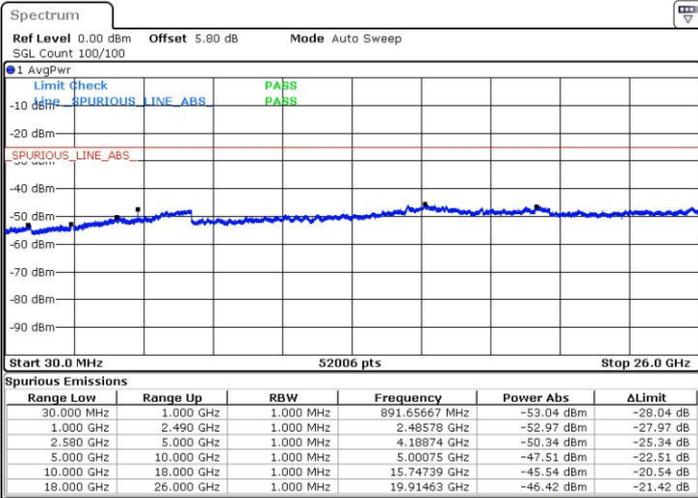
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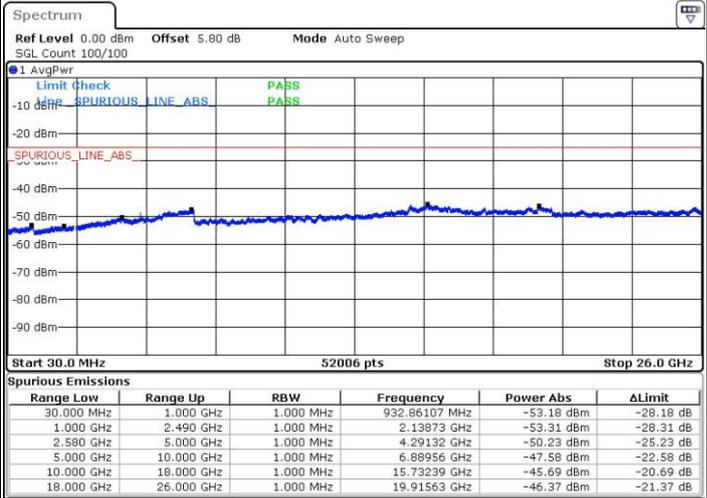
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



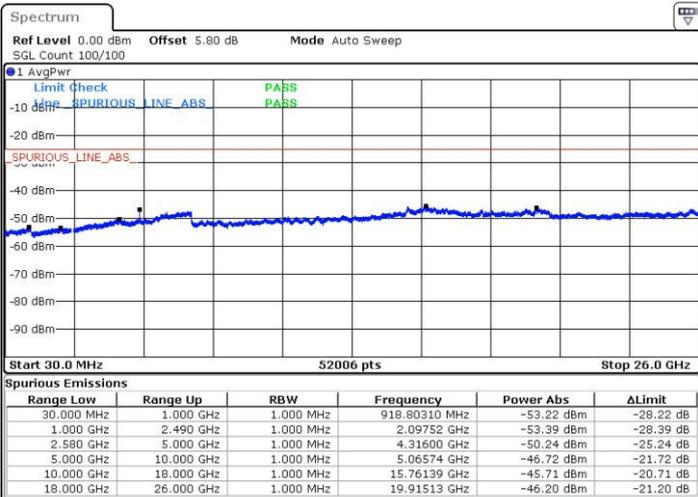
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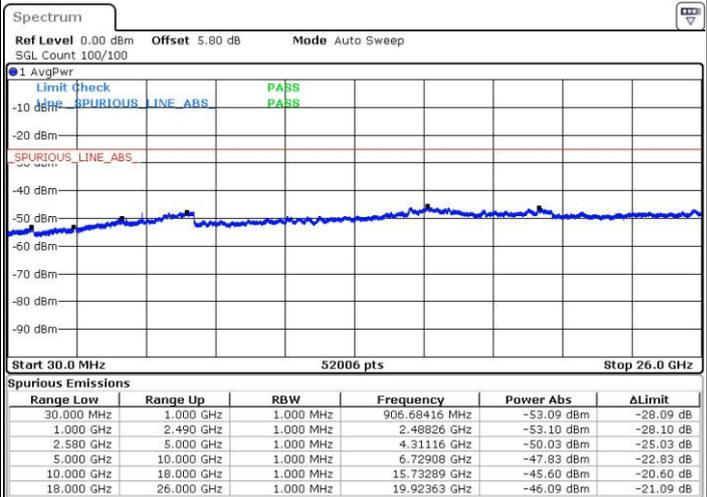
Date: 23 APR 2016 21:30:13

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23 APR 2016 21:32:02

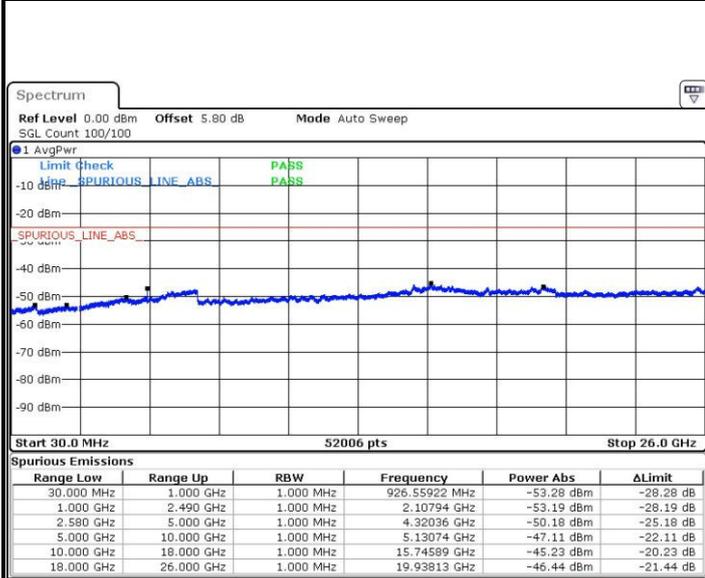


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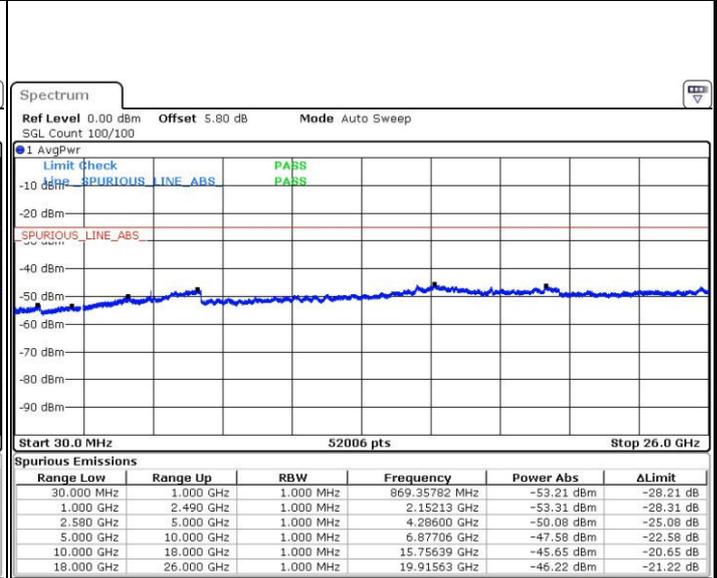
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 23 APR 2016 21:32:57

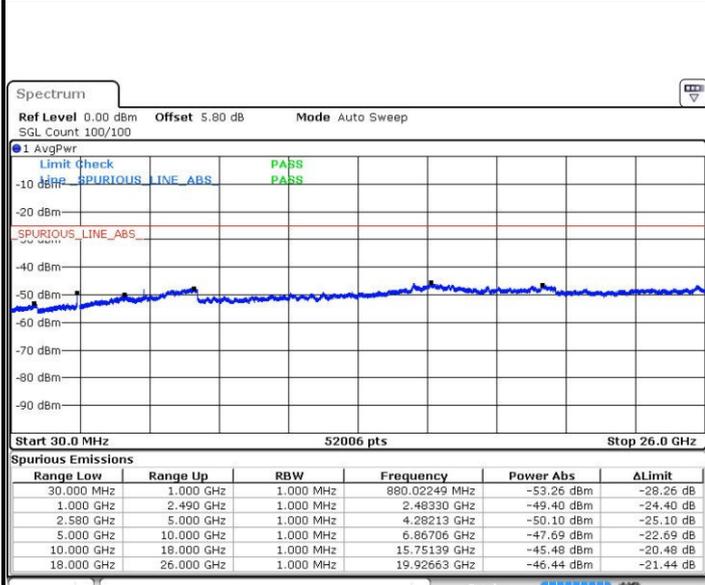
Highest Channel / 16QAM



Date: 23 APR 2016 21:33:51

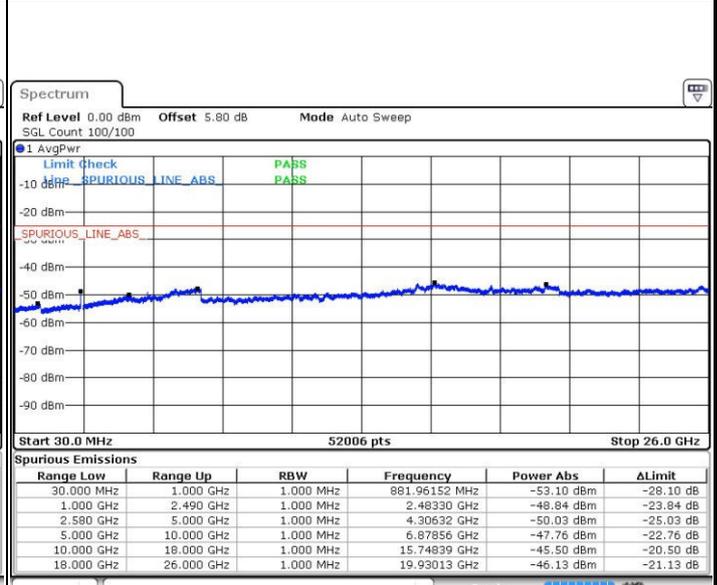
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 23 APR 2016 21:46:01

Lowest Channel / 16QAM



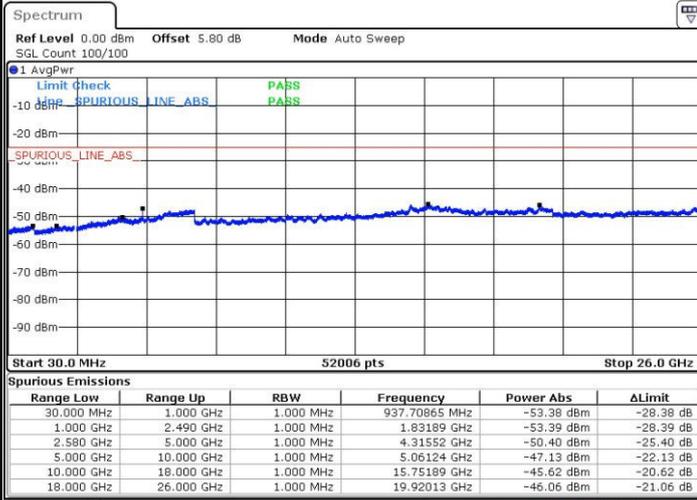
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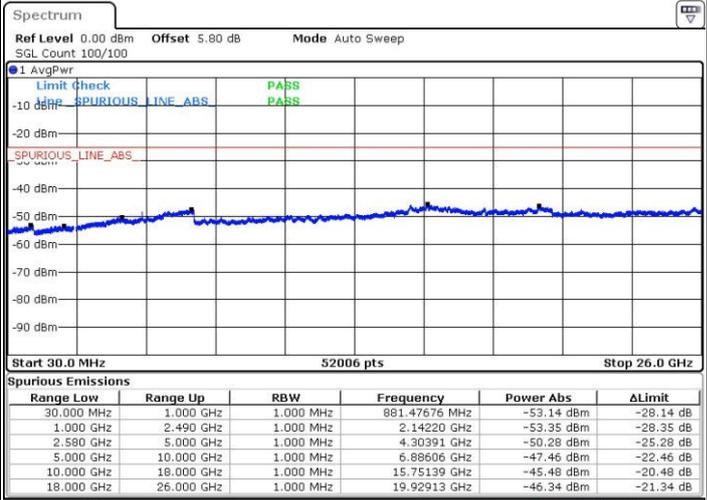
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



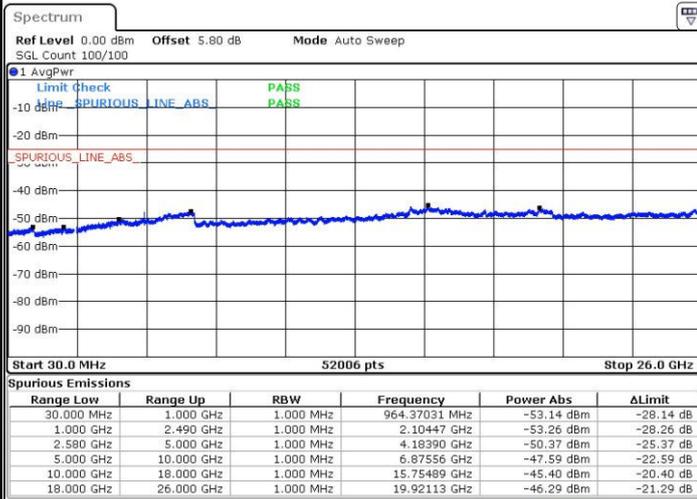
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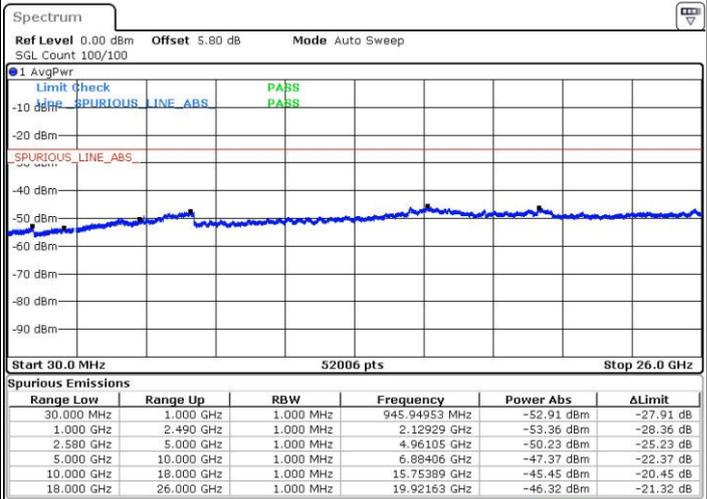
Date: 23 APR 2016 21:47:50

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 21:49:39



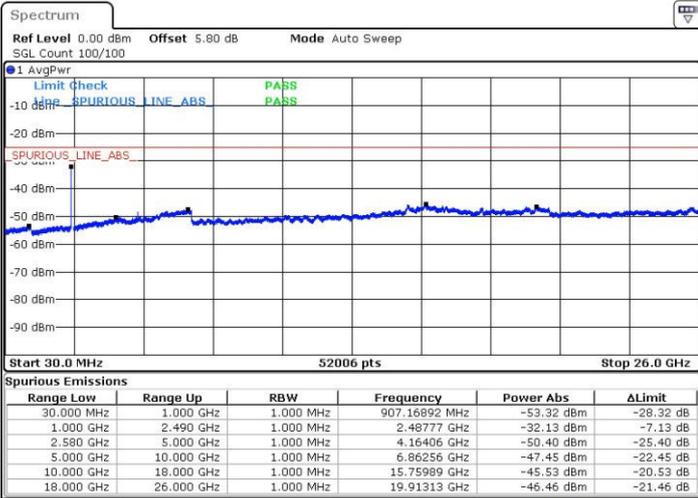
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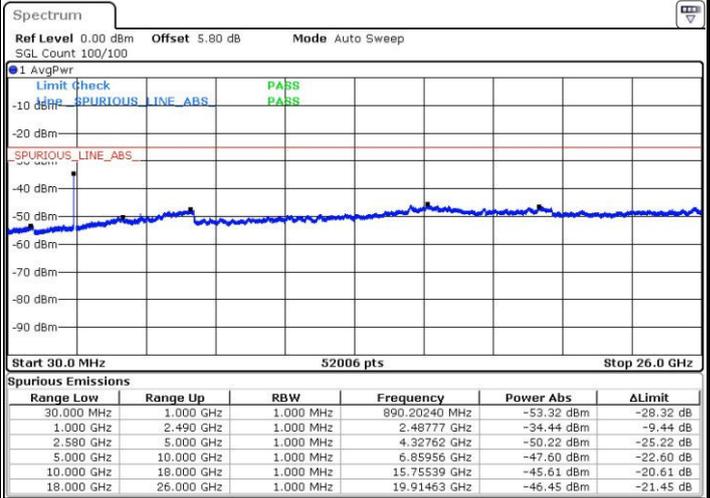
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



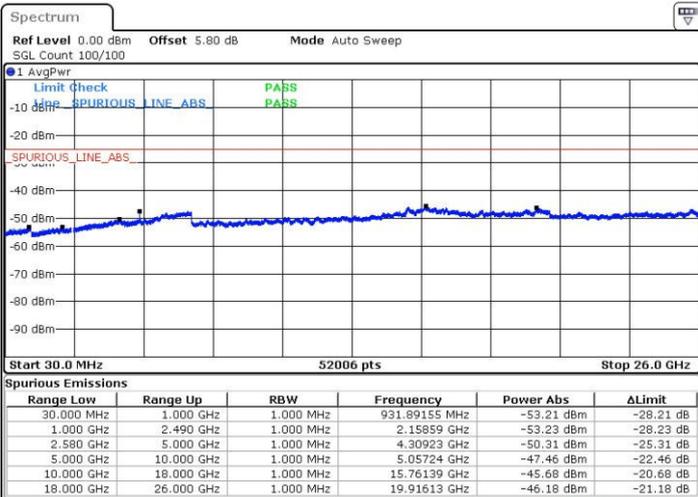
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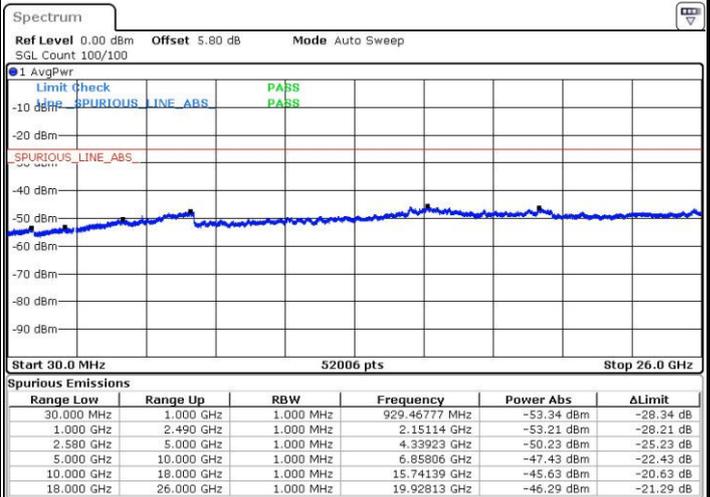
Date: 23 APR 2016 22:46:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23 APR 2016 22:43:35

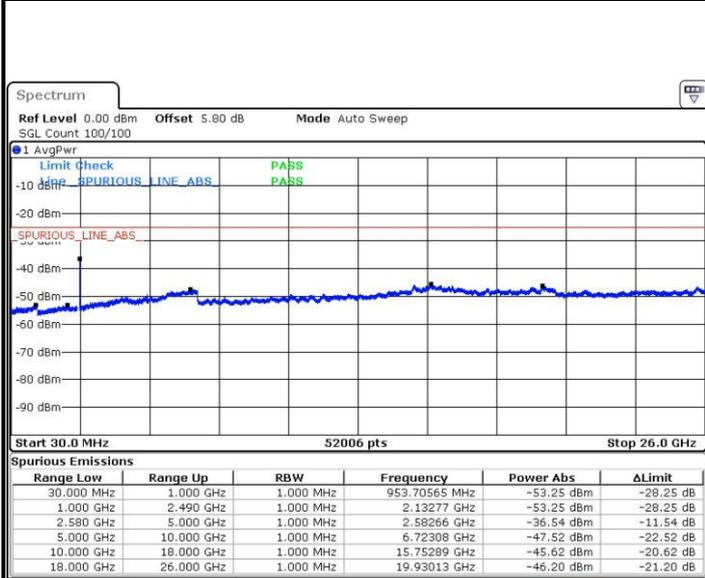


Date: 23 APR 2016 22:42:49



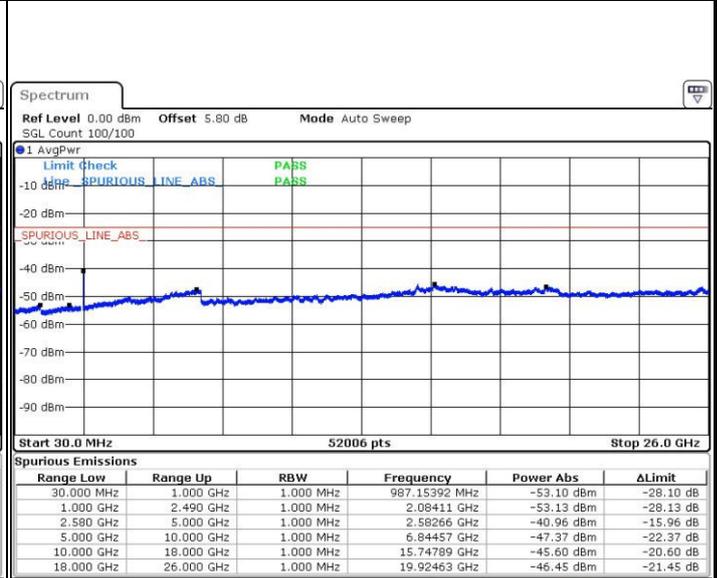
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 23 APR 2016 22:44:27

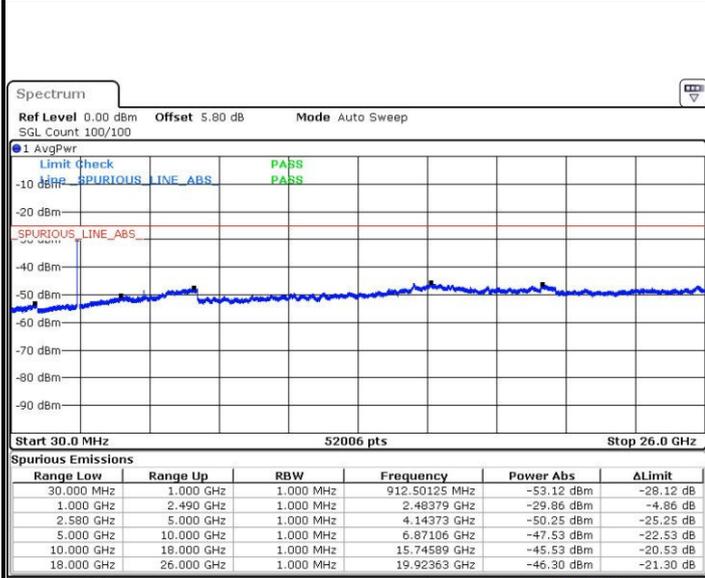
Highest Channel / 16QAM



Date: 23 APR 2016 22:45:14

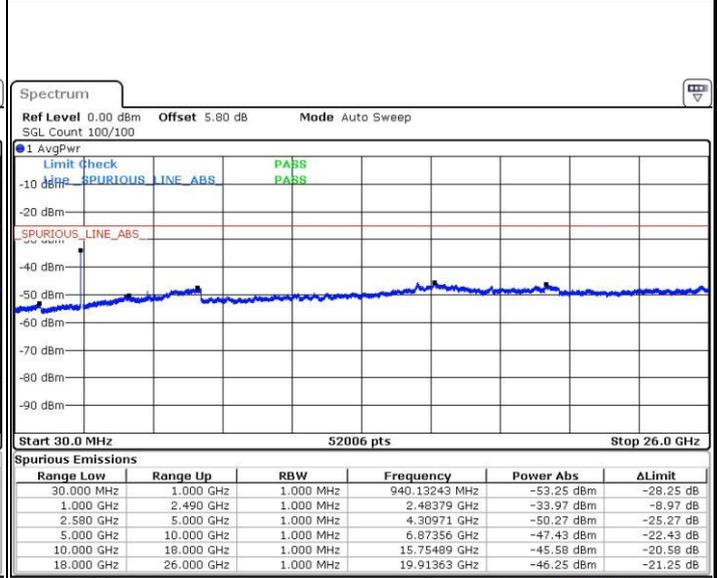
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 23 APR 2016 22:56:47

Lowest Channel / 16QAM



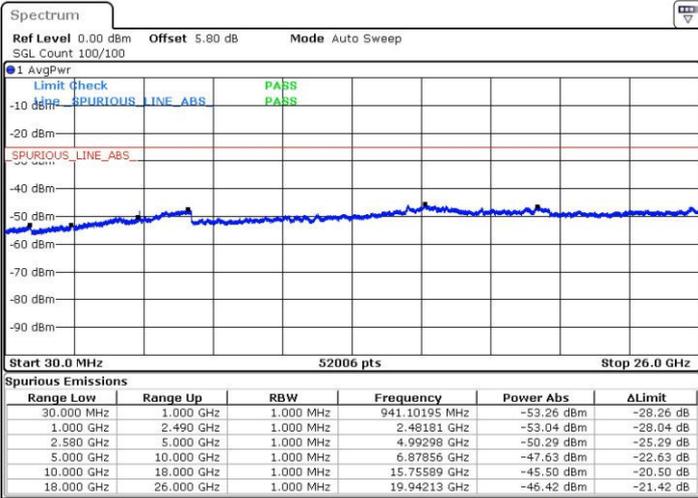
Date: 23 APR 2016 22:55:59



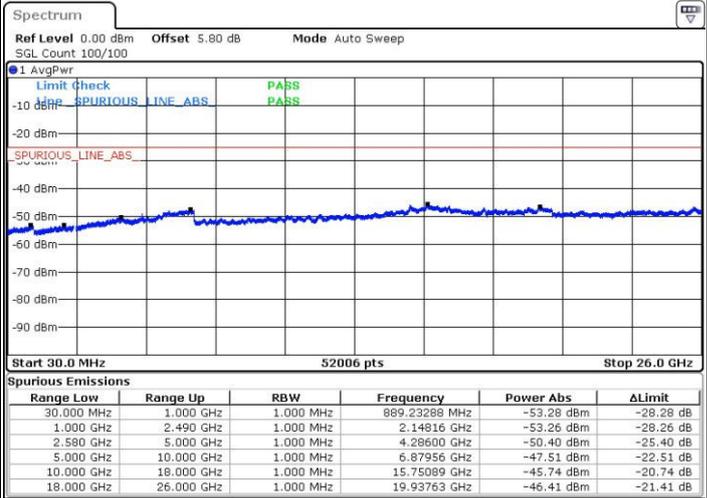
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



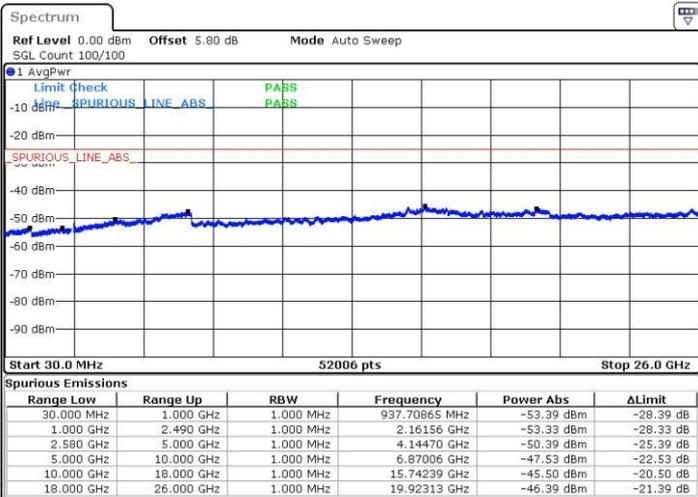
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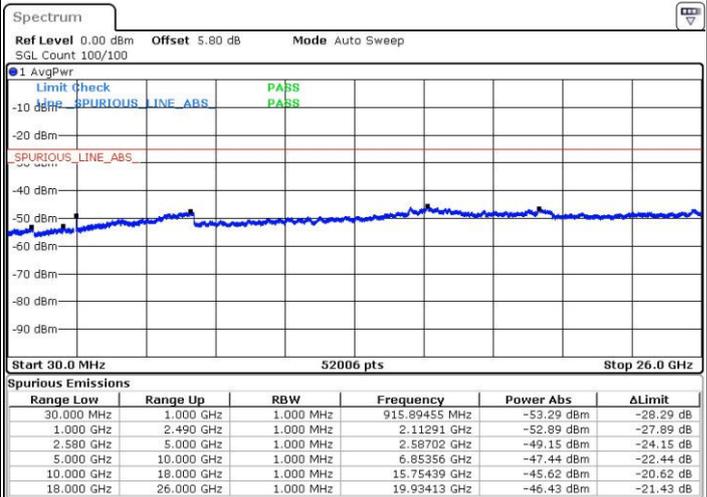
Date: 23 APR 2016 22:58:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 23:00:00

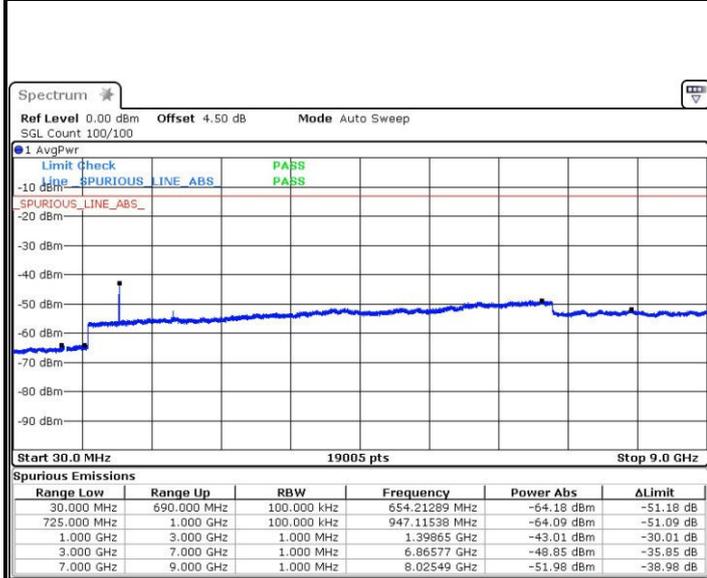


Date: 23 APR 2016 22:59:12



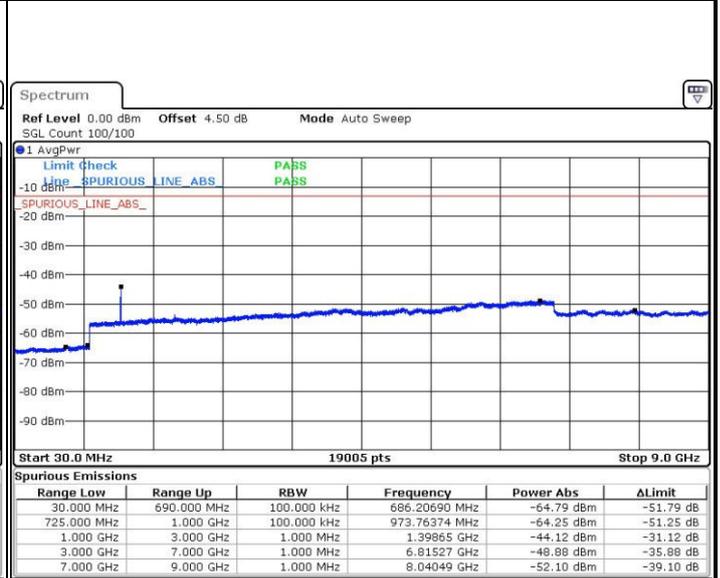
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



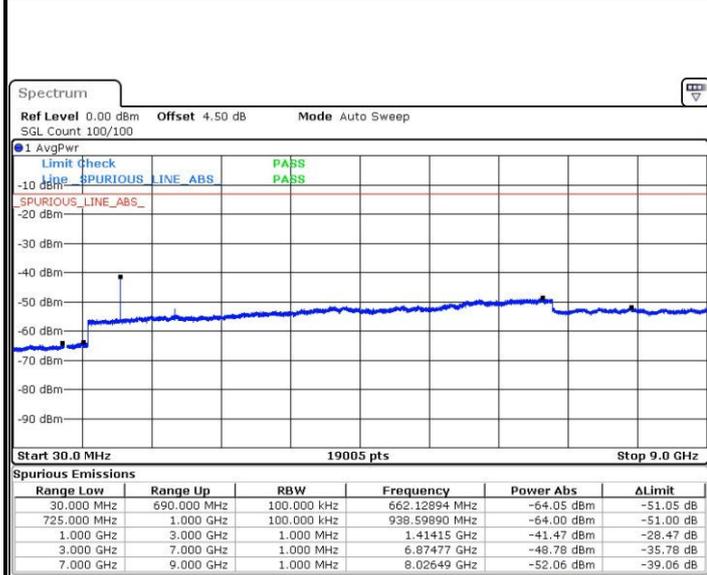
Date: 17.APR.2016 04:18:41

Lowest Channel / 16QAM



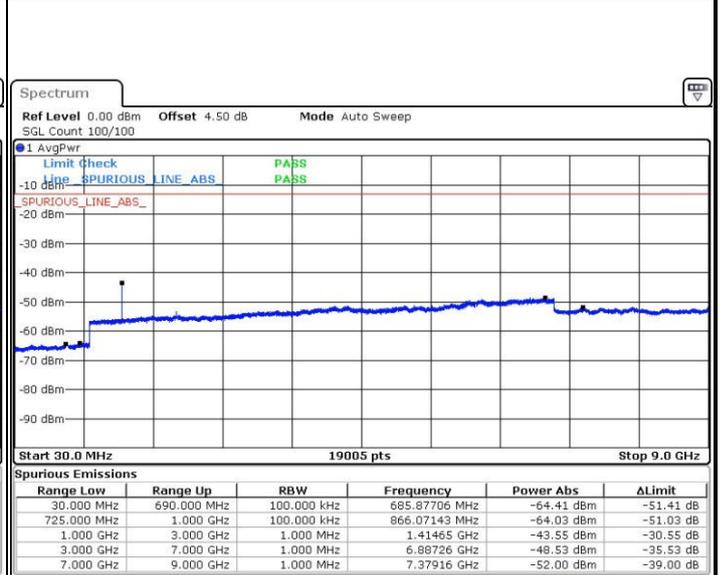
Date: 17.APR.2016 04:17:47

Middle Channel / QPSK



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

Middle Channel / 16QAM

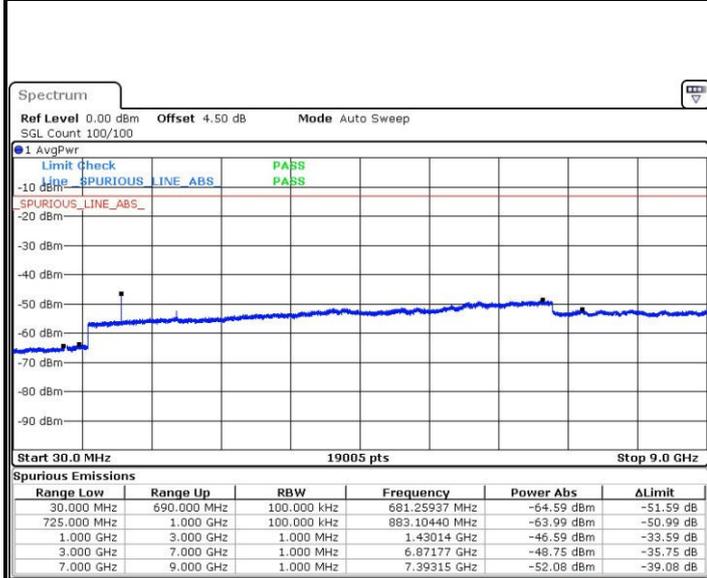


Date: 17.APR.2016 02:29:31



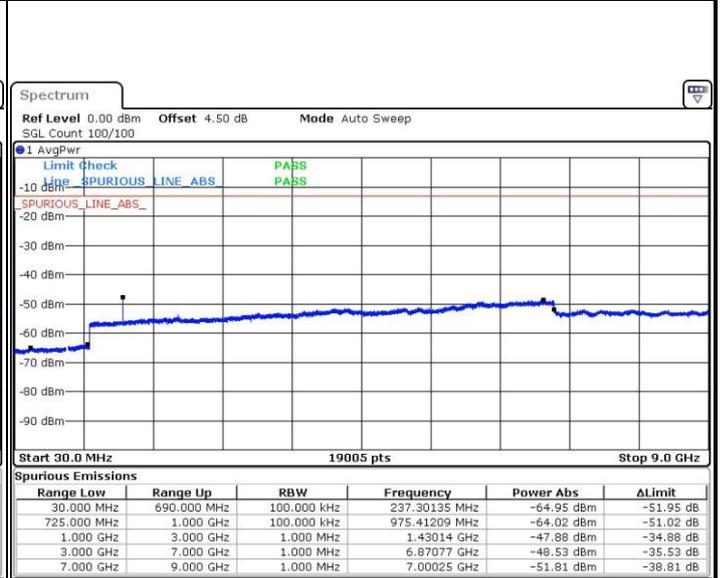
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



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

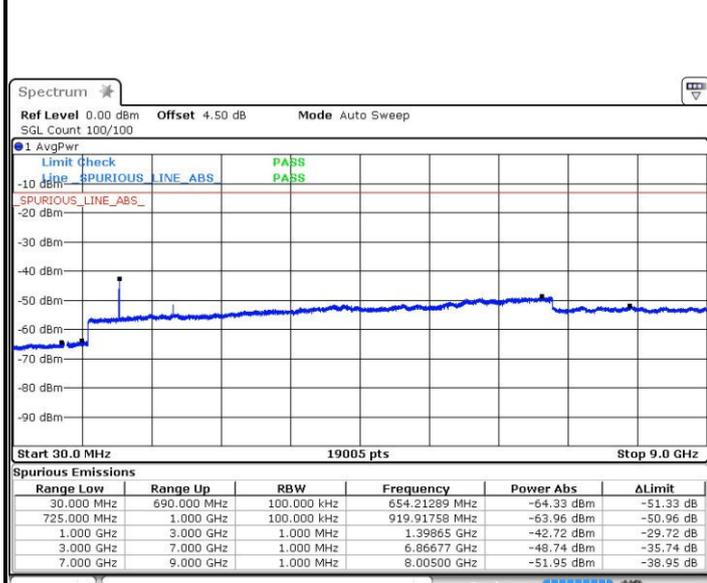
Highest Channel / 16QAM



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

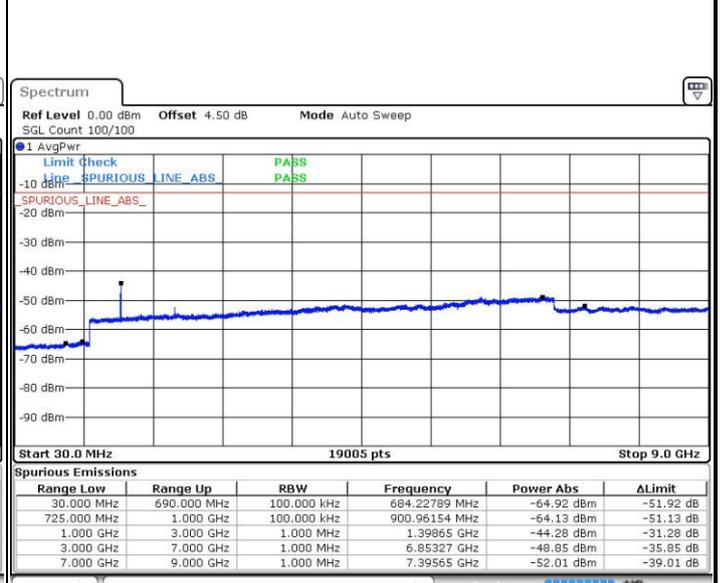
LTE Band 12 / 3MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM



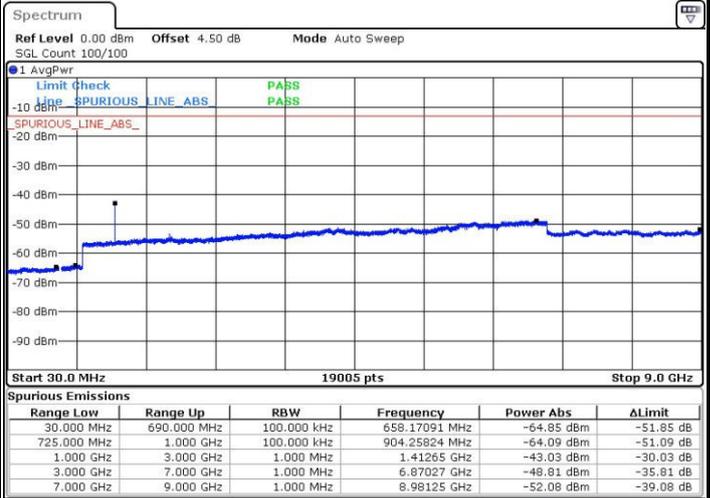
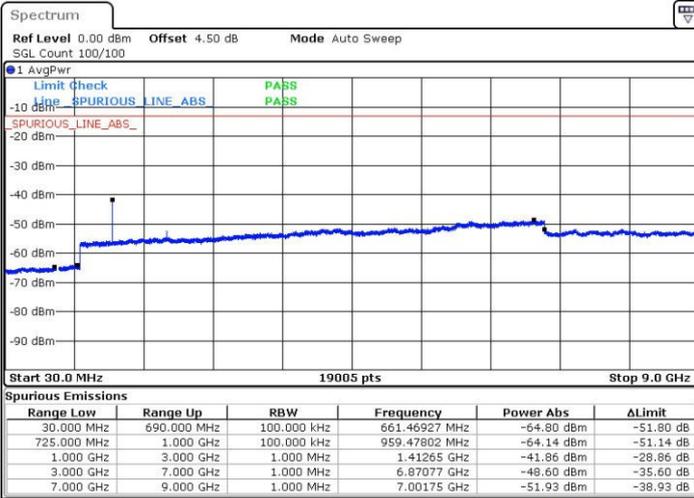
Date: 17.APR.2016 02:52:20



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

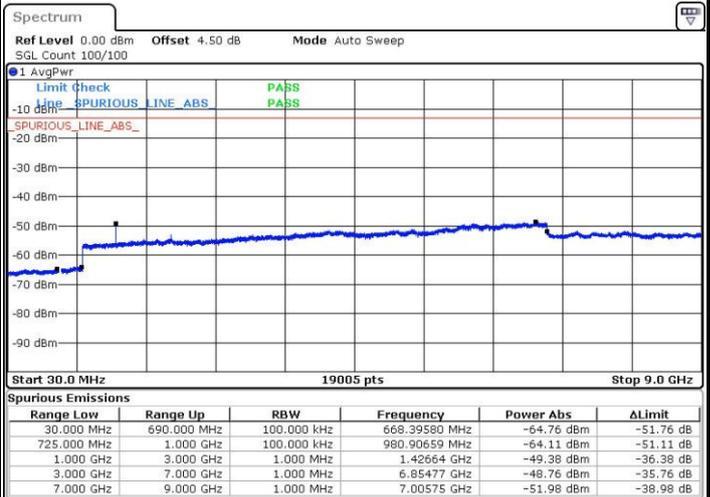
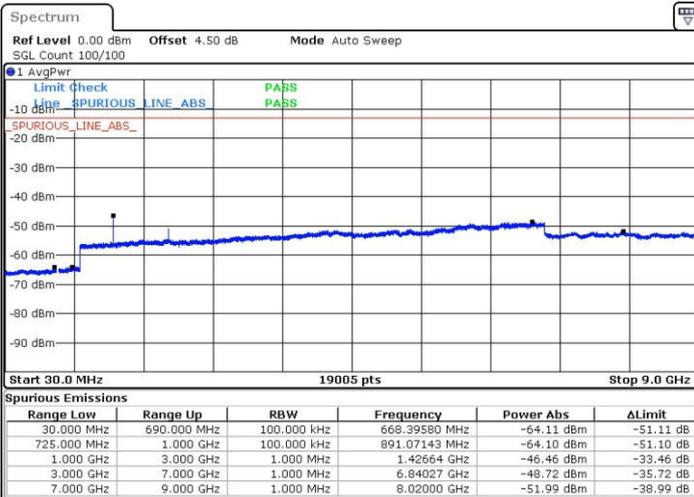


Date: 17.APR.2016 02:54:10

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

Highest Channel / QPSK

Highest Channel / 16QAM



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

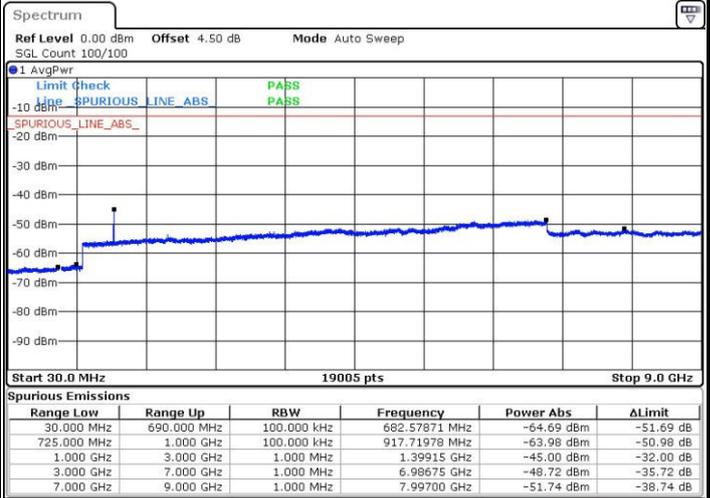
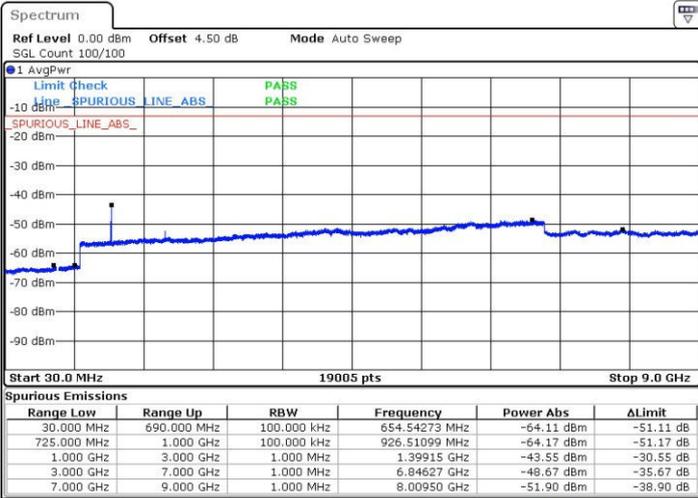
Date: 17.APR.2016 02:56:00



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

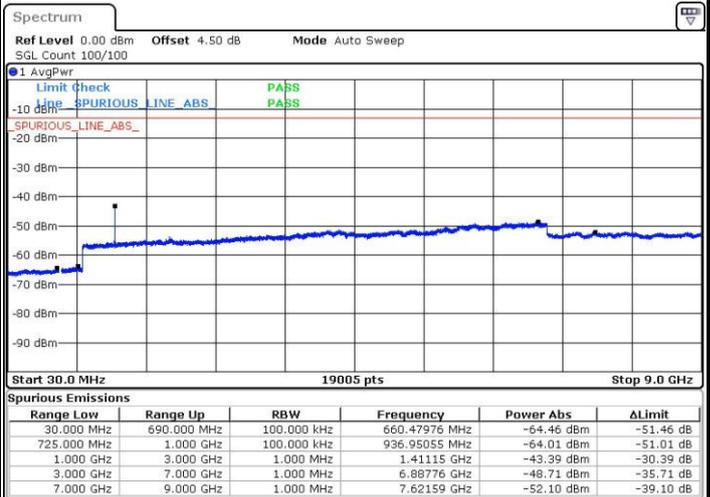
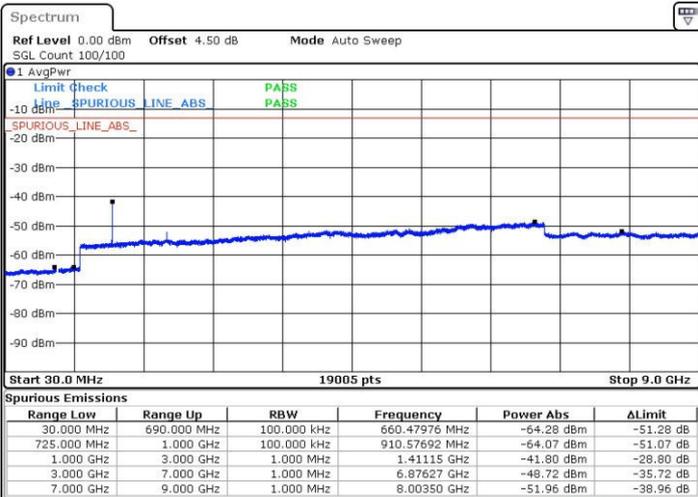


Date: 17.APR.2016 04:24:25

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

Middle Channel / QPSK

Middle Channel / 16QAM



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

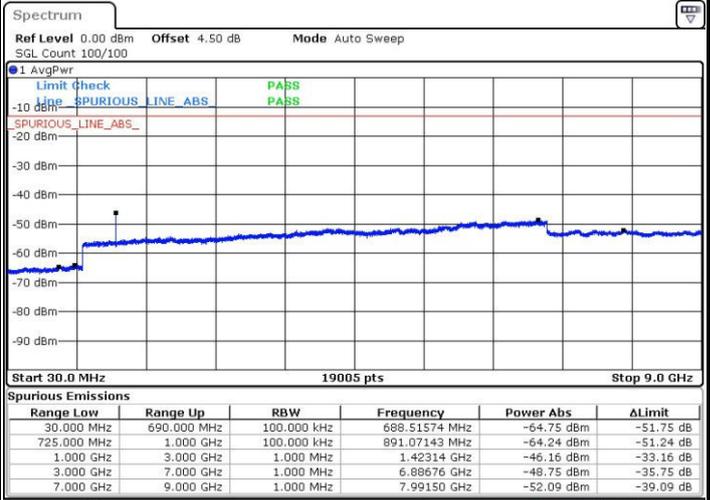
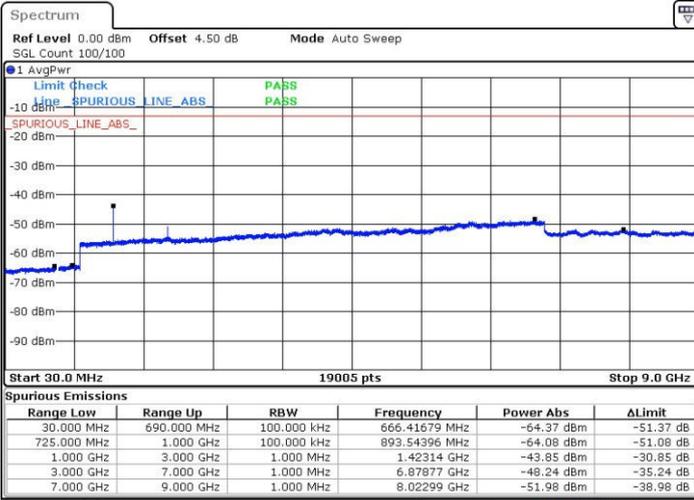
Date: 17.APR.2016 03:17:00



LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



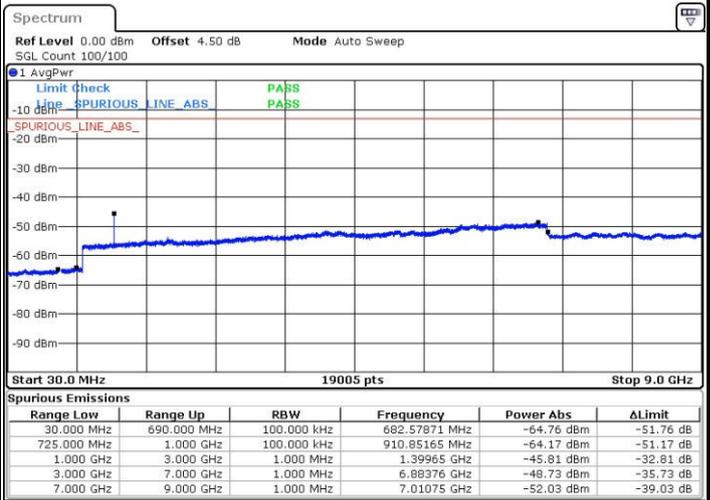
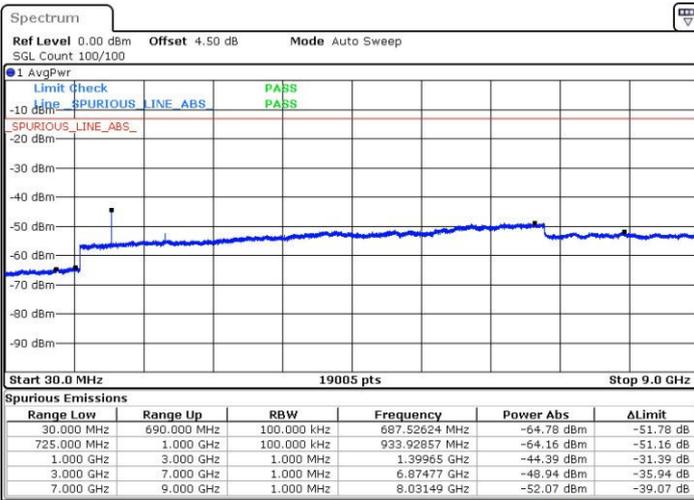
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Date: 17.APR.2016 03:19:45

LTE Band 12 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



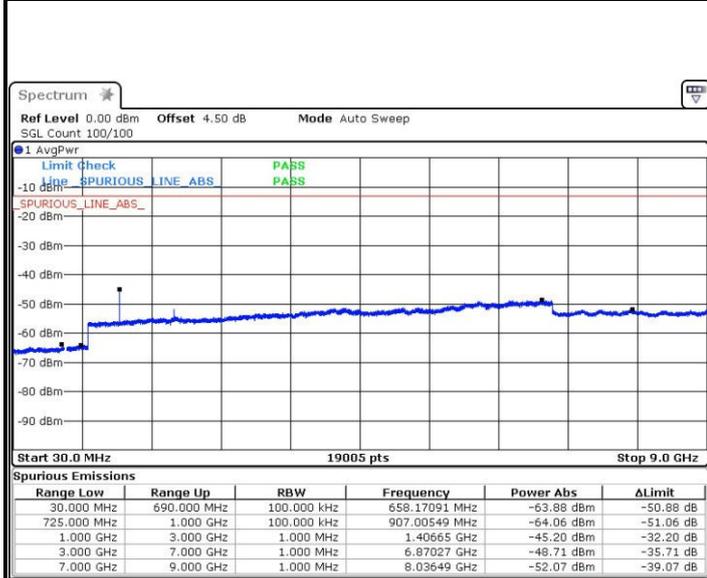
Date: 17.APR.2016 03:38:54

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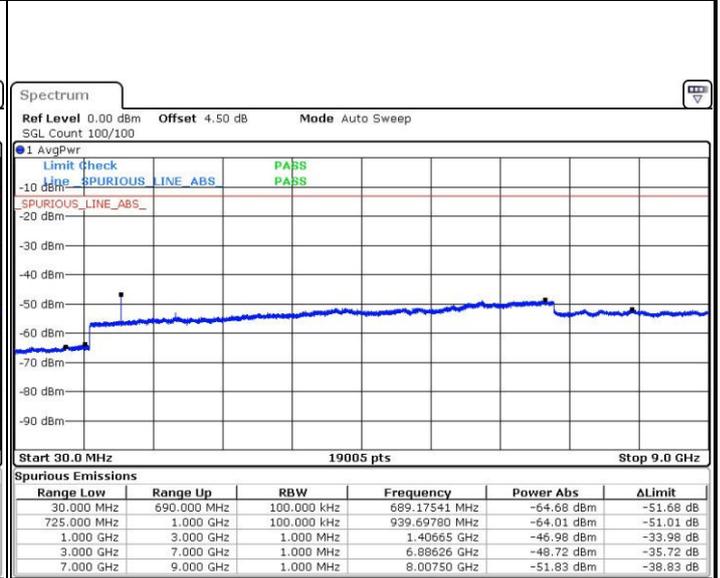
LTE Band 12 / 10MHz

Middle Channel / QPSK



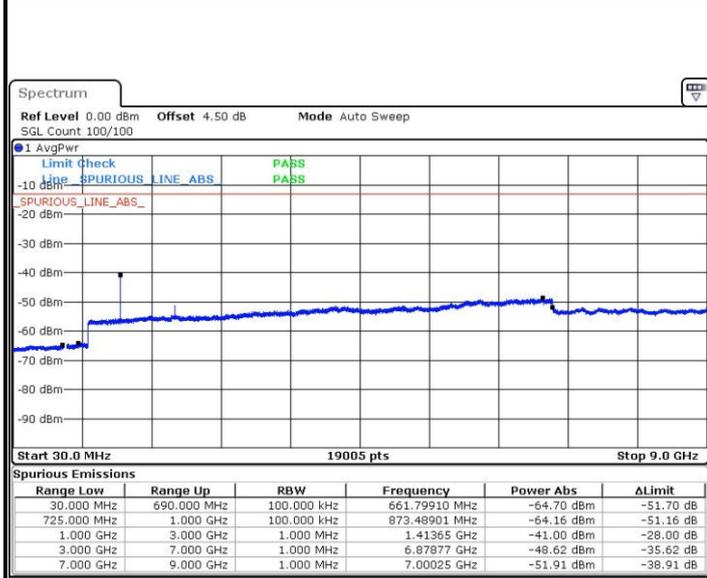
Date: 17.APR.2016 04:27:10

Middle Channel / 16QAM



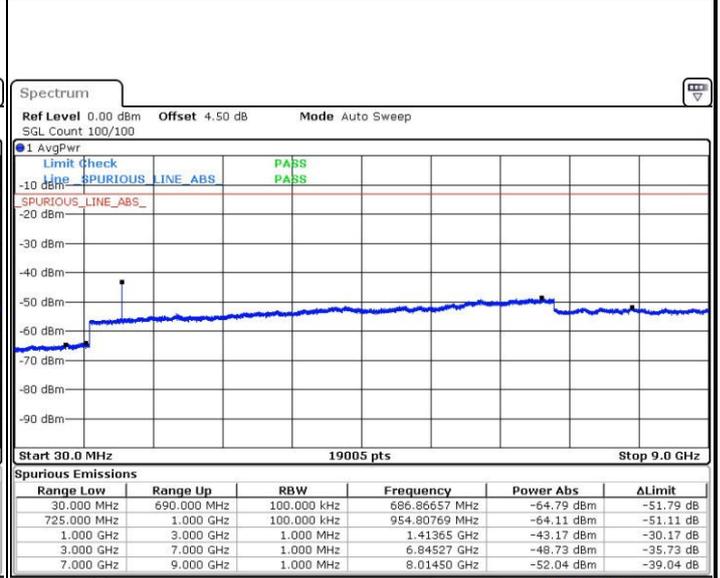
Date: 17.APR.2016 03:40:44

Highest Channel / QPSK



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

Highest Channel / 16QAM



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



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	0.0025	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0005	

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	0.0006	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0017	

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.



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	25.40	0.3467	25.10	0.3236
Middle		1	12	24.28	0.2679	24.30	0.2692
Highest		1	12	23.16	0.2070	23.28	0.2128
Lowest	16QAM	1	0	24.12	0.2582	24.17	0.2612
Middle		1	12	23.01	0.2000	23.18	0.2080
Highest		1	12	22.01	0.1589	22.05	0.1603
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	25.22	0.3327	25.20	0.3311
Middle		1	25	24.27	0.2673	24.01	0.2518
Highest		1	25	23.35	0.2163	23.45	0.2213
Lowest	16QAM	1	25	23.79	0.2393	24.00	0.2512
Middle		1	25	23.03	0.2009	22.85	0.1928
Highest		1	25	21.56	0.1432	21.62	0.1452
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	24.98	0.3148	24.88	0.3076
Middle		1	37	24.62	0.2897	24.46	0.2793
Highest		1	37	23.63	0.2307	23.62	0.2301
Lowest	16QAM	1	0	23.82	0.2410	23.86	0.2432
Middle		1	37	23.44	0.2208	23.14	0.2061
Highest		1	74	21.84	0.1528	21.80	0.1514
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	24.85	0.3055	24.66	0.2924
Middle		1	49	24.44	0.2780	24.29	0.2685
Highest		1	49	23.31	0.2143	23.27	0.2123
Lowest	16QAM	1	0	24.16	0.2606	23.92	0.2466
Middle		1	99	22.54	0.1795	22.17	0.1648
Highest		1	49	22.03	0.1596	21.93	0.1560
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	



Radiated Spurious Emission

<For Battery 1>

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-52.48	-13	-39.48	-66.68	-57.08	3.00	7.60	H
	5637	-48.94	-13	-35.94	-62.73	-55.20	3.84	10.10	H
	7518	-43.75	-13	-30.75	-63.53	-51.25	4.43	11.93	H
	3759	-53.37	-13	-40.37	-65.86	-57.97	3.00	7.60	V
	5637	-50.27	-13	-37.27	-62.68	-56.53	3.84	10.10	V
	7518	-45.92	-13	-32.92	-63.71	-53.42	4.43	11.93	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-52.58	-13	-39.58	-66.78	-57.18	3.00	7.60	H
	5637	-48.34	-13	-35.34	-62.13	-54.60	3.84	10.10	H
	7515	-43.84	-13	-30.84	-63.62	-51.34	4.43	11.93	H
	3756	-53.56	-13	-40.56	-66.05	-58.16	3.00	7.60	V
	5637	-49.40	-13	-36.40	-61.81	-55.66	3.84	10.10	V
	7515	-46.28	-13	-33.28	-64.07	-53.78	4.43	11.93	V

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

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-51.51	-13	-38.51	-65.71	-56.11	3.00	7.60	H
	5634	-48.01	-13	-35.01	-61.80	-54.27	3.84	10.10	H
	7512	-44.24	-13	-31.24	-64.02	-51.74	4.43	11.93	H
	3756	-54.24	-13	-41.24	-66.73	-58.84	3.00	7.60	V
	5634	-48.46	-13	-35.46	-60.87	-54.72	3.84	10.10	V
	7512	-45.80	-13	-32.80	-63.59	-53.30	4.43	11.93	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-50.65	-13	-37.65	-64.85	-55.25	3.00	7.60	H
	5626.77	-46.22	-13	-33.22	-60.01	-52.48	3.84	10.10	H
	7503	-43.37	-13	-30.37	-63.15	-50.87	4.43	11.93	H
	3750	-53.36	-13	-40.36	-65.85	-57.96	3.00	7.60	V
	5626.77	-48.84	-13	-35.84	-61.25	-55.10	3.84	10.10	V
	7503	-45.64	-13	-32.64	-63.43	-53.14	4.43	11.93	V

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

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-52.45	-13	-39.45	-66.65	-57.05	3.00	7.60	H
	5619	-48.19	-13	-35.19	-61.98	-54.45	3.84	10.10	H
	7494	-43.65	-13	-30.65	-63.43	-51.15	4.43	11.93	H
	3747	-53.08	-13	-40.08	-65.57	-57.68	3.00	7.60	V
	5619	-49.48	-13	-36.48	-61.89	-55.74	3.84	10.10	V
	7494	-45.71	-13	-32.71	-63.5	-53.21	4.43	11.93	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-52.16	-13	-39.16	-66.36	-56.76	3.00	7.60	H
	5613	-48.30	-13	-35.30	-62.09	-54.56	3.84	10.10	H
	7485	-43.24	-13	-30.24	-63.02	-50.74	4.43	11.93	H
	3741	-53.60	-13	-40.60	-66.09	-58.20	3.00	7.60	V
	5613	-49.13	-13	-36.13	-61.54	-55.39	3.84	10.10	V
	7485	-45.02	-13	-32.02	-62.81	-52.52	4.43	11.93	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-53.93	-13	-40.93	-68.06	-58.30	3.12	7.49	H
	5196	-51.42	-13	-38.42	-64.57	-57.22	3.65	9.45	H
	6927	-47.16	-13	-34.16	-64.02	-54.36	4.15	11.35	H
	3465	-55.12	-13	-42.12	-67.94	-59.49	3.12	7.49	V
	5196	-49.45	-13	-36.45	-63.46	-55.25	3.65	9.45	V
	6927	-47.45	-13	-34.45	-62.7	-54.65	4.15	11.35	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-53.43	-13	-40.43	-67.56	-57.80	3.12	7.49	H
	5193	-51.54	-13	-38.54	-64.69	-57.34	3.65	9.45	H
	6924	-46.11	-13	-33.11	-62.97	-53.31	4.15	11.35	H
	3462	-55.34	-13	-42.34	-68.16	-59.71	3.12	7.49	V
	5193	-49.76	-13	-36.76	-63.77	-55.56	3.65	9.45	V
	6924	-48.71	-13	-35.71	-63.96	-55.91	4.15	11.35	V

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

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3459	-52.61	-13	-39.61	-66.74	-56.98	3.12	7.49	H
	5191	-50.45	-13	-37.45	-63.60	-56.25	3.65	9.45	H
	6921	-46.45	-13	-33.45	-63.31	-53.65	4.15	11.35	H
	3459	-54.97	-13	-41.97	-67.79	-59.34	3.12	7.49	V
	5191	-49.56	-13	-36.56	-63.57	-55.36	3.65	9.45	V
	6921	-48.36	-13	-35.36	-63.61	-55.56	4.15	11.35	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456	-53.88	-13	-40.88	-68.01	-58.25	3.12	7.49	H
	5184	-51.11	-13	-38.11	-64.26	-56.91	3.65	9.45	H
	6912	-46.21	-13	-33.21	-63.07	-53.41	4.15	11.35	H
	3456	-54.62	-13	-41.62	-67.44	-58.99	3.12	7.49	V
	5184	-47.86	-13	-34.86	-61.87	-53.66	3.65	9.45	V
	6912	-48.58	-13	-35.58	-63.83	-55.78	4.15	11.35	V

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

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-53.86	-13	-40.86	-67.99	-58.23	3.12	7.49	H
	5177	-51.03	-13	-38.03	-64.18	-56.83	3.65	9.45	H
	6903	-47.01	-13	-34.01	-63.87	-54.21	4.15	11.35	H
	3450	-54.69	-13	-41.69	-67.51	-59.06	3.12	7.49	V
	5178	-49.69	-13	-36.69	-63.7	-55.49	3.65	9.45	V
	6903	-48.85	-13	-35.85	-64.1	-56.05	4.15	11.35	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-53.00	-13	-40.00	-67.13	-57.37	3.12	7.49	H
	5170	-50.99	-13	-37.99	-64.14	-56.79	3.65	9.45	H
	6894	-46.77	-13	-33.77	-63.63	-53.97	4.15	11.35	H
	3447	-54.81	-13	-41.81	-67.63	-59.18	3.12	7.49	V
	5170	-49.67	-13	-36.67	-63.68	-55.47	3.65	9.45	V
	6894	-48.43	-13	-35.43	-63.68	-55.63	4.15	11.35	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-56.13	-13	-43.13	-58.31	-58.02	1.86	5.90	H
	2508	-54.51	-13	-41.51	-63.54	-56.85	2.31	6.80	H
	3345	-52.86	-13	-39.86	-65.49	-55.26	2.85	7.40	H
	1672	-58.71	-13	-45.71	-57.57	-60.60	1.86	5.90	V
	2508	-51.88	-13	-38.88	-62.85	-54.22	2.31	6.80	V
	3345	-52.66	-13	-39.66	-66.64	-55.06	2.85	7.40	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670	-55.92	-13	-42.92	-58.10	-57.81	1.86	5.90	H
	2505	-53.56	-13	-40.56	-62.59	-55.90	2.31	6.80	H
	3342	-54.63	-13	-41.63	-67.26	-57.03	2.85	7.40	H
	1670	-59.35	-13	-46.35	-58.21	-61.24	1.86	5.90	V
	2505	-52.73	-13	-39.73	-63.70	-55.07	2.31	6.80	V
	3342	-51.42	-13	-38.42	-65.40	-53.82	2.85	7.40	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668	-56.04	-13	-43.04	-58.22	-57.93	1.86	5.90	H
	2503	-54.29	-13	-41.29	-63.32	-56.63	2.31	6.80	H
	3336	-55.10	-13	-42.10	-67.73	-57.50	2.85	7.40	H
	1668	-58.74	-13	-45.74	-57.60	-60.63	1.86	5.90	V
	2503	-52.54	-13	-39.54	-63.51	-54.88	2.31	6.80	V
	3336	-52.43	-13	-39.43	-66.41	-54.83	2.85	7.40	V

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

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-56.51	-13	-43.51	-58.69	-58.40	1.86	5.90	H
	2496	-54.68	-13	-41.68	-63.71	-57.02	2.31	6.80	H
	3327	-54.05	-13	-41.05	-66.68	-56.45	2.85	7.40	H
	1664	-58.85	-13	-45.85	-57.71	-60.74	1.86	5.90	V
	2496	-52.49	-13	-39.49	-63.46	-54.83	2.31	6.80	V
	3327	-53.49	-13	-40.49	-67.47	-55.89	2.85	7.40	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5066	-49.88	-25	-24.88	-63.86	-55.66	3.49	9.27	H
	7598.52	-47.69	-25	-22.69	-64.23	-55.48	4.28	12.07	H
	10132	-43.17	-25	-18.17	-64.56	-50.47	5.10	12.40	H
	5066	-48.64	-25	-23.64	-62.8	-54.42	3.49	9.27	V
	7598.52	-46.30	-25	-21.30	-63.32	-54.09	4.28	12.07	V
	10132	-44.98	-25	-19.98	-66.08	-52.28	5.10	12.40	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5061.18	-49.39	-25	-24.39	-63.37	-55.17	3.49	9.27	H
	7592	-45.82	-25	-20.82	-62.36	-53.61	4.28	12.07	H
	10124	-44.31	-25	-19.31	-65.70	-51.61	5.10	12.40	H
	5060	-48.42	-25	-23.42	-62.58	-54.20	3.49	9.27	V
	7591.77	-46.19	-25	-21.19	-63.21	-53.98	4.28	12.07	V
	10124	-44.81	-25	-19.81	-65.91	-52.11	5.10	12.40	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5057	-50.25	-25	-25.25	-64.23	-56.03	3.49	9.27	H
	7585.02	-48.31	-25	-23.31	-64.85	-56.10	4.28	12.07	H
	10112	-44.26	-25	-19.26	-65.65	-51.56	5.10	12.40	H
	5057	-49.25	-25	-24.25	-63.41	-55.03	3.49	9.27	V
	7585.02	-47.21	-25	-22.21	-64.23	-55.00	4.28	12.07	V
	10112	-45.52	-25	-20.52	-66.62	-52.82	5.10	12.40	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5051	-48.86	-25	-23.86	-62.84	-54.64	3.49	9.27	H
	7578.27	-47.34	-25	-22.34	-63.88	-55.13	4.28	12.07	H
	10104	-44.64	-25	-19.64	-66.03	-51.94	5.10	12.40	H
	5051	-49.66	-25	-24.66	-63.82	-55.44	3.49	9.27	V
	7578.27	-47.76	-25	-22.76	-64.78	-55.55	4.28	12.07	V
	10104	-45.72	-25	-20.72	-66.82	-53.02	5.10	12.40	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1414	-60.22	-13	-47.22	-56.64	-61.20	1.75	4.88	H
	2120	-54.80	-13	-41.80	-60.81	-56.42	2.16	5.93	H
	2828	-53.55	-13	-40.55	-63.97	-55.58	2.48	6.66	H
	1414	-56.42	-13	-43.42	-54.89	-57.40	1.75	4.88	V
	2120	-53.31	-13	-40.31	-61.29	-54.93	2.16	5.93	V
	2828	-52.42	-13	-39.42	-63.93	-54.45	2.48	6.66	V

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

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412	-51.26	-13	-38.26	-50.90	-52.24	1.75	4.88	H
	2120	-39.98	-13	-26.98	-50.47	-41.60	2.16	5.93	H
	2824	-54.30	-13	-41.30	-64.72	-56.33	2.48	6.66	H
	1412	-51.56	-13	-38.56	-52.56	-52.54	1.75	4.88	V
	2120	-41.93	-13	-28.93	-53.91	-43.55	2.16	5.93	V
	2824	-52.97	-13	-39.97	-64.48	-55.00	2.48	6.66	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412	-48.19	-13	-35.19	-48.33	-49.17	1.75	4.88	H
	2116	-40.29	-13	-27.29	-50.74	-41.91	2.16	5.93	H
	2822	-54.52	-13	-41.52	-64.94	-56.55	2.48	6.66	H
	1410	-48.68	-13	-35.68	-50.87	-49.66	1.75	4.88	V
	2116	-40.92	-13	-27.92	-53.4	-42.54	2.16	5.93	V
	2822	-52.96	-13	-39.96	-64.47	-54.99	2.48	6.66	V

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

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-58.28	-13	-45.28	-54.70	-59.26	1.75	4.88	H
	2110	-49.78	-13	-36.78	-56.65	-51.40	2.16	5.93	H
	2812	-54.33	-13	-41.33	-64.75	-56.36	2.48	6.66	H
	1406	-55.65	-13	-42.65	-54.12	-56.63	1.75	4.88	V
	2110	-40.84	-13	-27.84	-53.32	-42.46	2.16	5.93	V
	2812	-53.62	-13	-40.62	-65.13	-55.65	2.48	6.66	V

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



<For Battery 2>

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-53.46	-13	-40.46	-67.66	-58.06	3.00	7.60	H
	5613	-47.60	-13	-34.60	-61.39	-53.86	3.84	10.10	H
	7485	-43.70	-13	-30.70	-63.48	-51.20	4.43	11.93	H
	3471	-55.03	-13	-42.03	-67.52	-59.63	3.00	7.60	V
	5613	-49.38	-13	-36.38	-61.79	-55.64	3.84	10.10	V
	7485	-44.92	-13	-31.92	-62.71	-52.42	4.43	11.93	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-53.49	-13	-40.49	-67.62	-57.86	3.12	7.49	H
	5193	-49.38	-13	-36.38	-62.53	-55.18	3.65	9.45	H
	6924	-47.38	-13	-34.38	-64.24	-54.58	4.15	11.35	H
	3462	-53.75	-13	-40.75	-66.57	-58.12	3.12	7.49	V
	5193	-50.55	-13	-37.55	-64.56	-56.35	3.65	9.45	V
	6924	-46.73	-13	-33.73	-61.98	-53.93	4.15	11.35	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670	-54.42	-13	-41.42	-56.60	-56.31	1.86	5.90	H
	2506	-43.52	-13	-30.52	-55.89	-45.86	2.31	6.80	H
	3342	-54.61	-13	-41.61	-67.24	-57.01	2.85	7.40	H
	1670	-57.90	-13	-44.90	-56.76	-59.79	1.86	5.90	V
	2506	-37.23	-13	-24.23	-52.88	-39.57	2.31	6.80	V
	3342	-53.21	-13	-40.21	-67.19	-55.61	2.85	7.40	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5051	-49.84	-25	-24.84	-63.82	-55.62	3.49	9.27	H
	7578	-46.81	-25	-21.81	-63.35	-54.60	4.28	12.07	H
	10104	-44.27	-25	-19.27	-65.66	-51.57	5.1	12.40	H
	5052	-49.59	-25	-24.59	-63.75	-55.37	3.49	9.27	V
	7577	-45.79	-25	-20.79	-62.81	-53.58	4.28	12.07	V
	10104	-45.30	-25	-20.30	-66.4	-52.60	5.1	12.40	V

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

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412	-60.72	-13	-47.72	-57.14	-61.70	1.75	4.88	H
	2120	-49.21	-13	-36.21	-56.35	-50.83	2.16	5.93	H
	2824	-53.39	-13	-40.39	-63.81	-55.42	2.48	6.66	H
	1412	-58.81	-13	-45.81	-57.28	-59.79	1.75	4.88	V
	2120	-38.35	-13	-25.35	-51.16	-39.97	2.16	5.93	V
	2824	-52.84	-13	-39.84	-64.35	-54.87	2.48	6.66	V

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