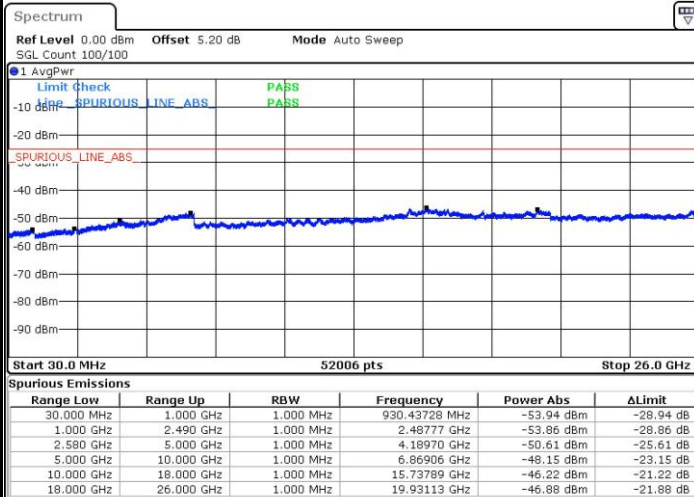




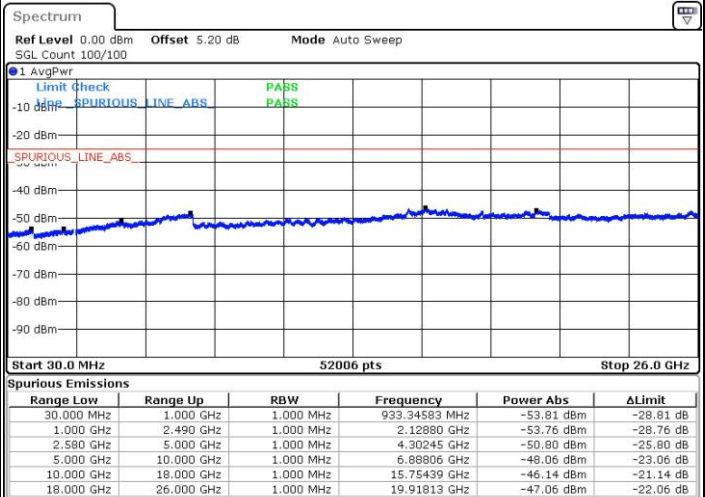
LTE Band 7 / 5MHz

Lowest Channel / QPSK



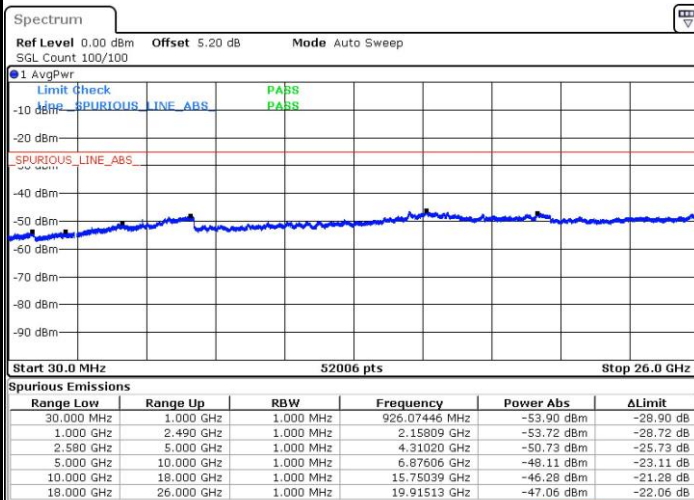
Date: 24 FEB 2016 16:40:54

Lowest Channel / 16QAM



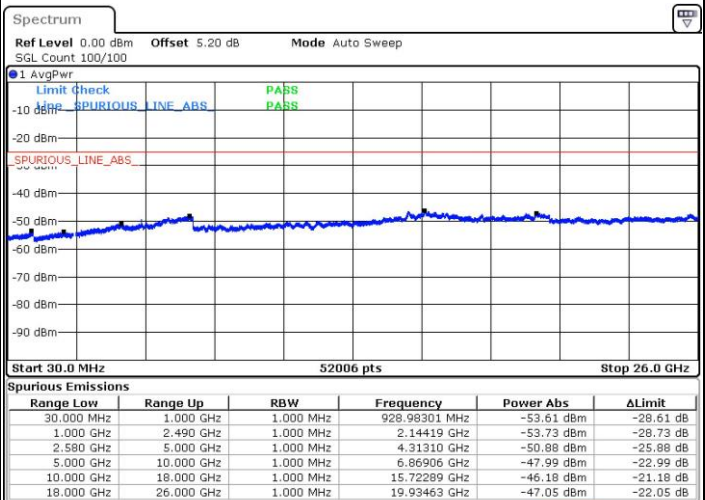
Date: 24 FEB 2016 16:40:00

Middle Channel / QPSK



Date: 24 FEB 2016 16:41:49

Middle Channel / 16QAM

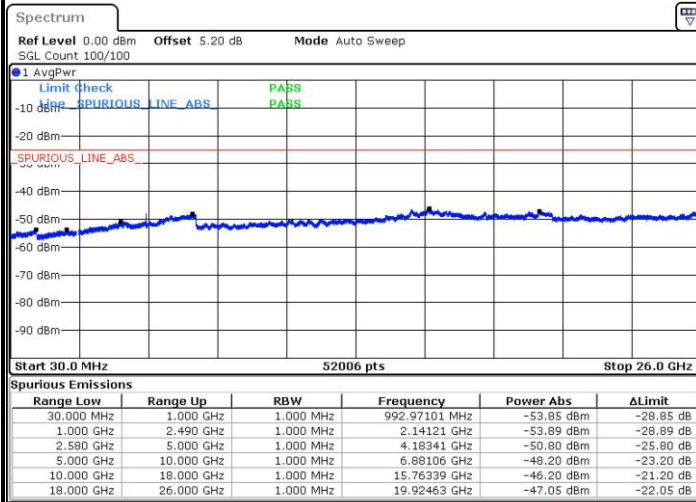


Date: 24 FEB 2016 16:42:43



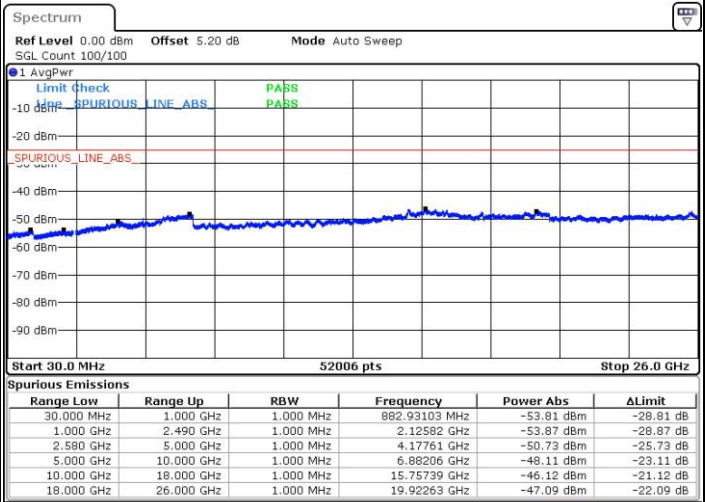
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 24 FEB 2016 16:44:33

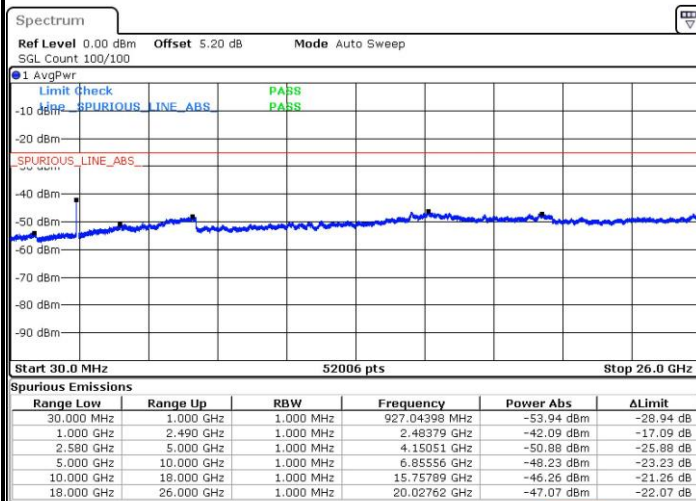
Highest Channel / 16QAM



Date: 24 FEB 2016 16:43:38

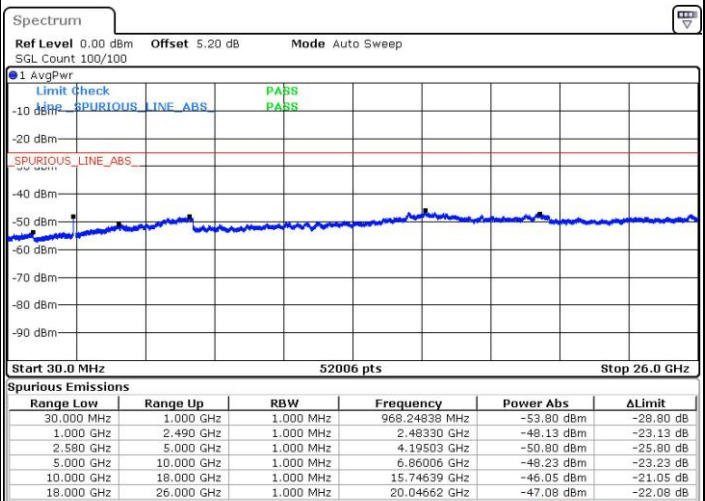
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 24 FEB 2016 16:57:37

Lowest Channel / 16QAM

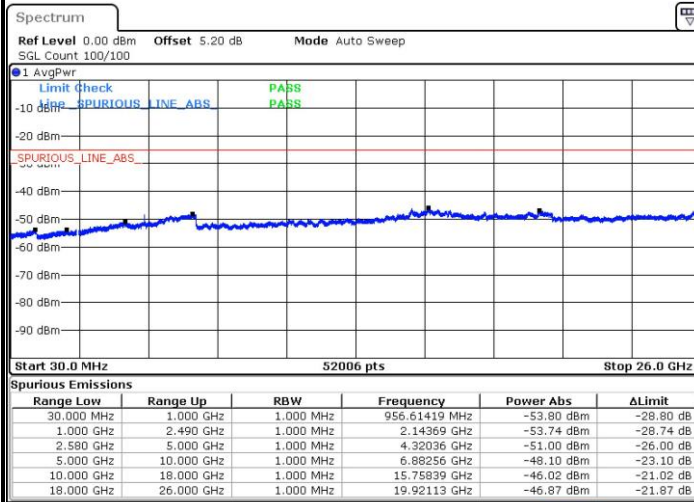


Date: 24 FEB 2016 16:56:42



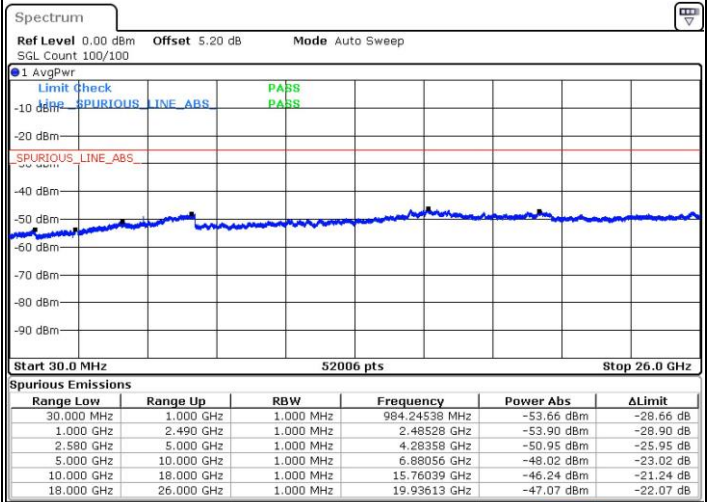
LTE Band 7 / 10MHz

Middle Channel / QPSK



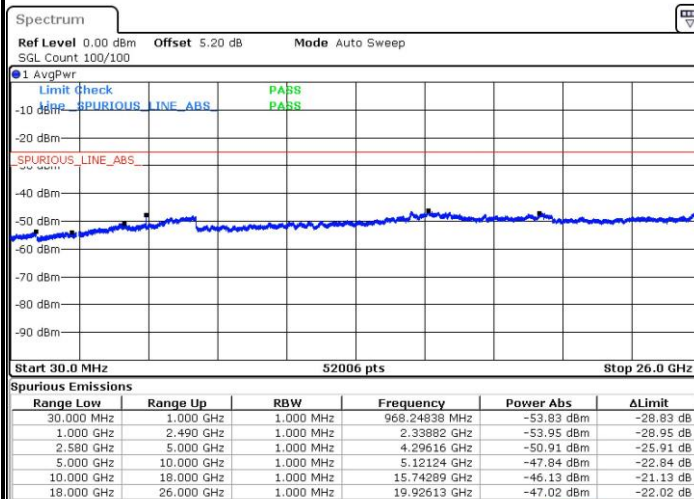
Date: 24 FEB 2016 16:58:31

Middle Channel / 16QAM



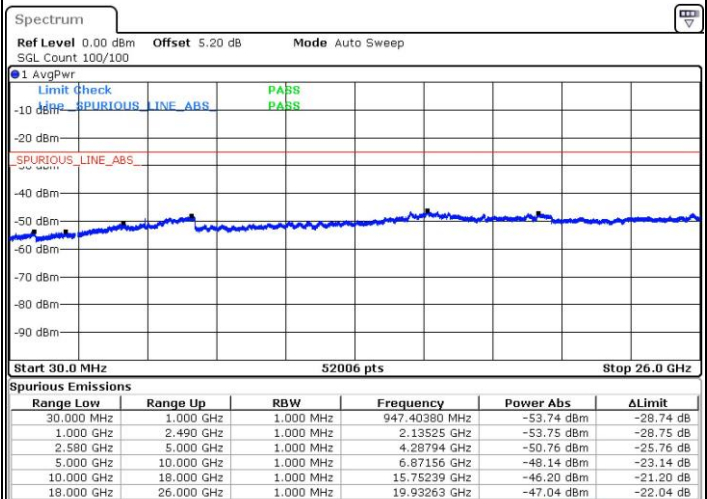
Date: 24 FEB 2016 16:59:26

Highest Channel / QPSK



Date: 24 FEB 2016 17:01:15

Highest Channel / 16QAM

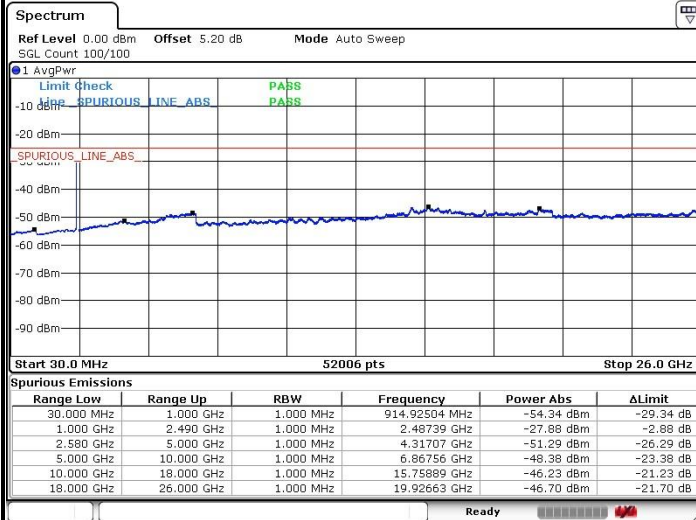


Date: 24 FEB 2016 17:00:21



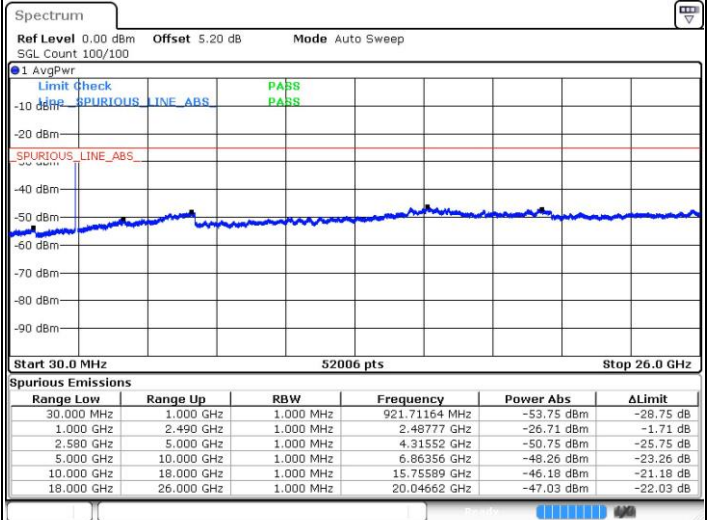
LTE Band 7 / 15MHz

Lowest Channel / QPSK



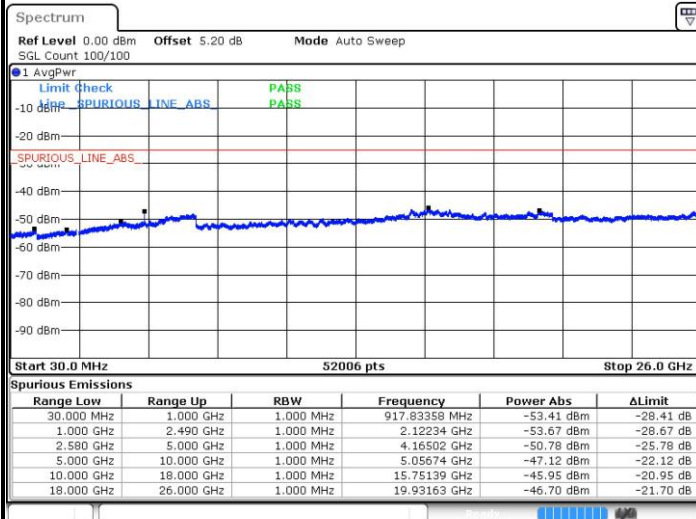
Date: 25 FEB 2016 01:17:57

Lowest Channel / 16QAM



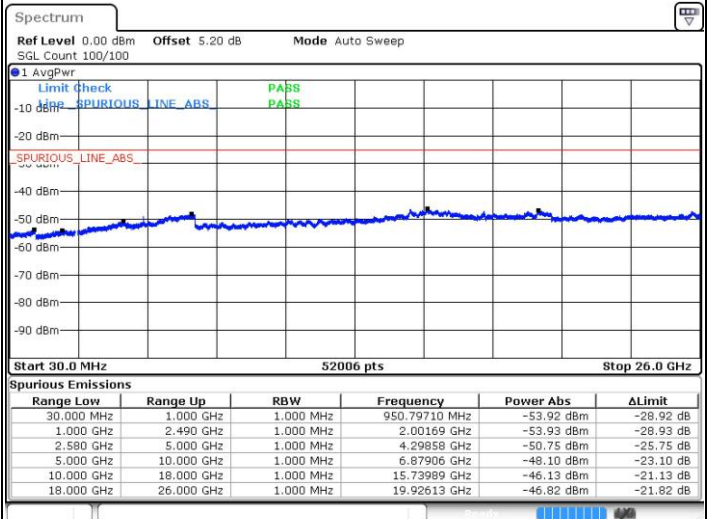
Date: 24 FEB 2016 17:17:46

Middle Channel / QPSK



Date: 24 FEB 2016 17:19:35

Middle Channel / 16QAM

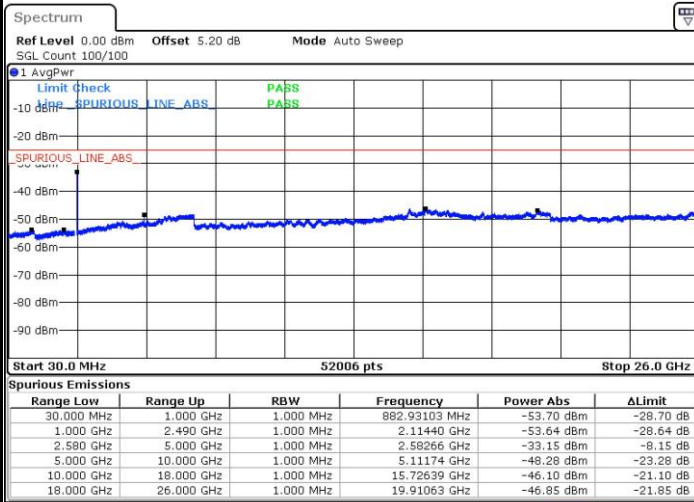


Date: 24 FEB 2016 17:18:40



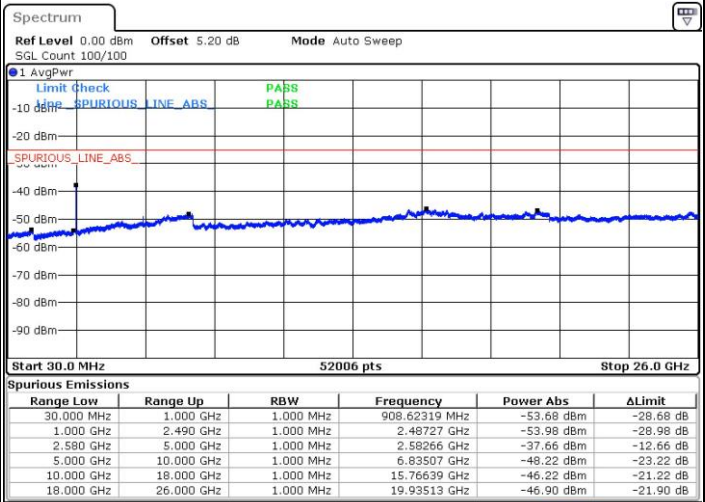
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 24 FEB 2016 17:20:30

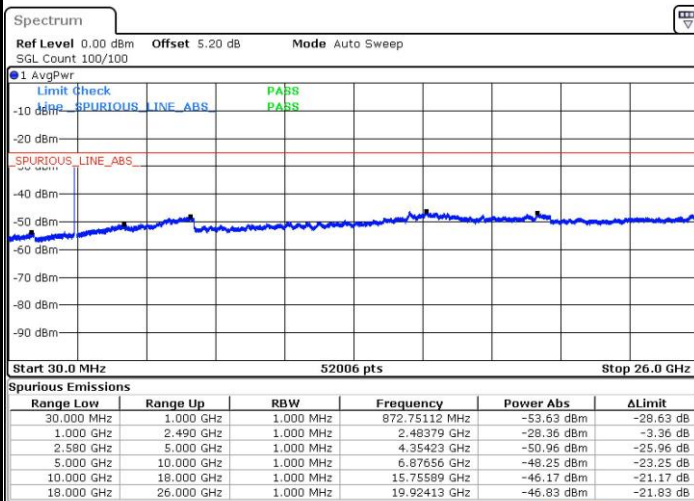
Highest Channel / 16QAM



Date: 24 FEB 2016 17:21:24

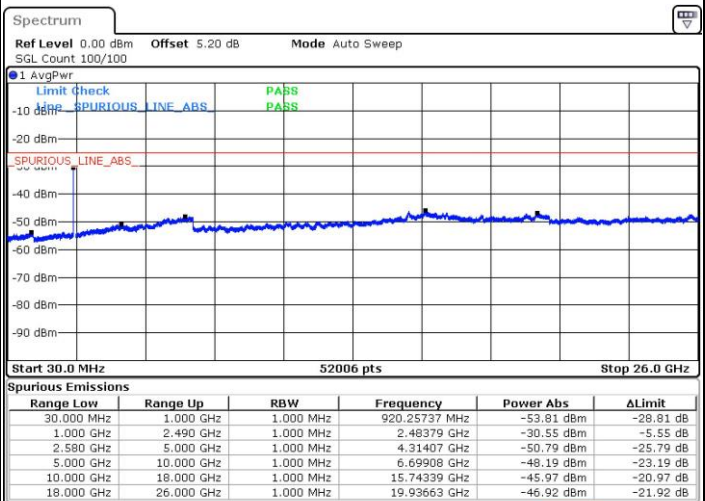
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 24 FEB 2016 17:34:28

Lowest Channel / 16QAM

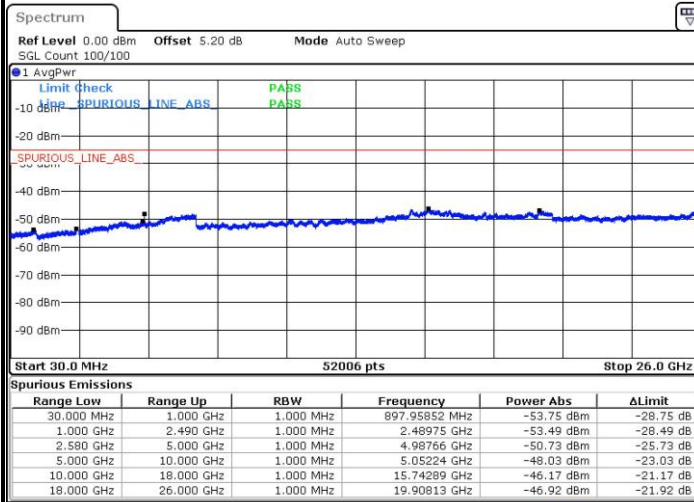


Date: 24 FEB 2016 17:33:33



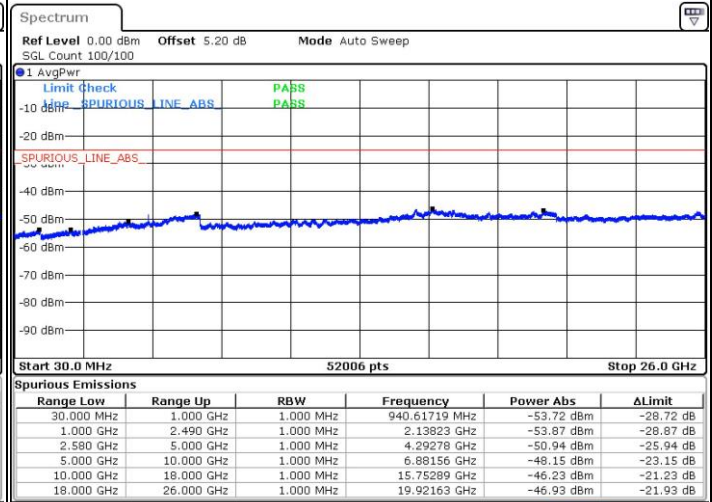
LTE Band 7 / 20MHz

Middle Channel / QPSK



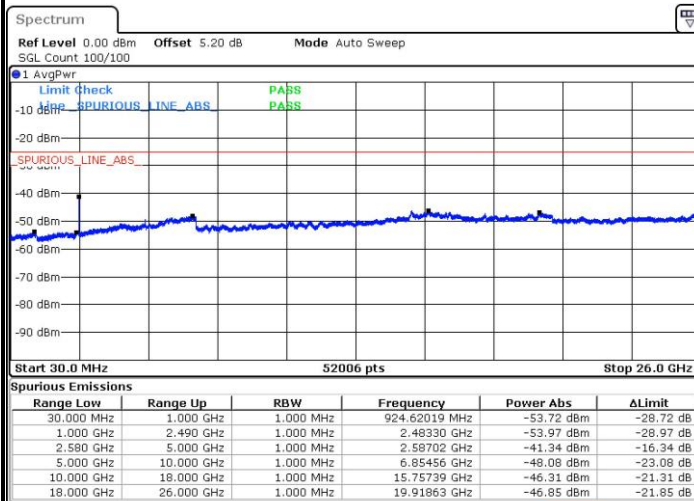
Date: 24 FEB 2016 17:35:22

Middle Channel / 16QAM



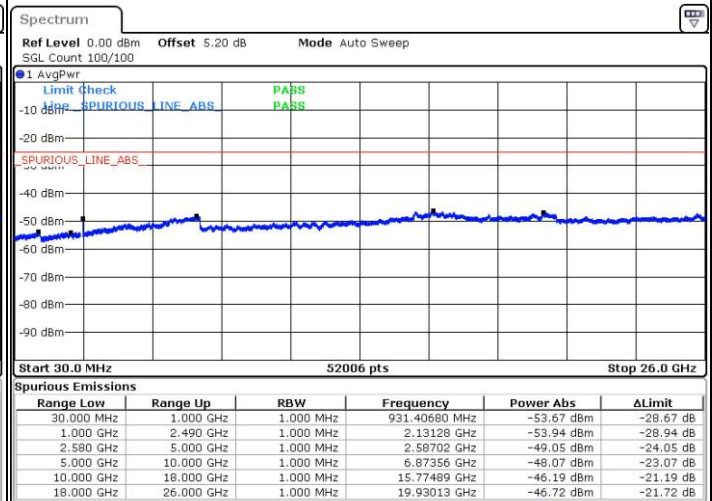
Date: 24 FEB 2016 17:36:17

Highest Channel / QPSK



Date: 24 FEB 2016 17:38:07

Highest Channel / 16QAM

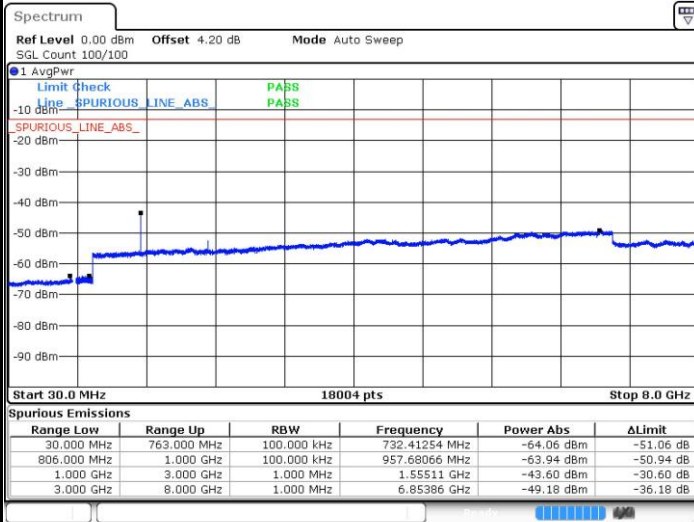


Date: 24 FEB 2016 17:37:12



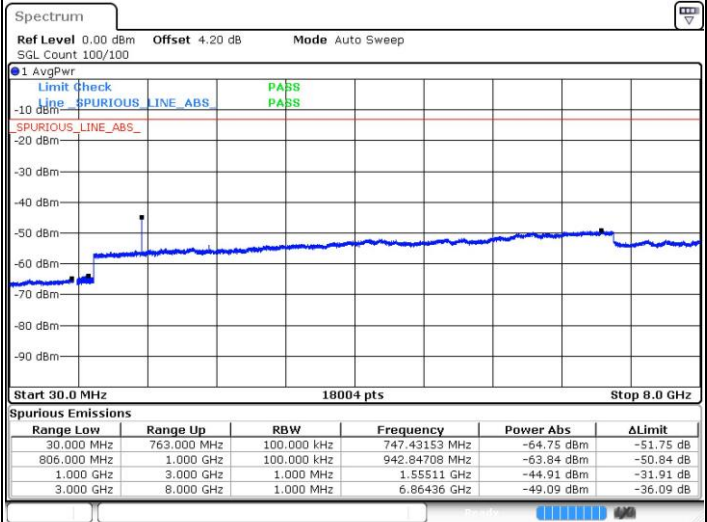
LTE Band 13 / 5MHz

Lowest Channel / QPSK



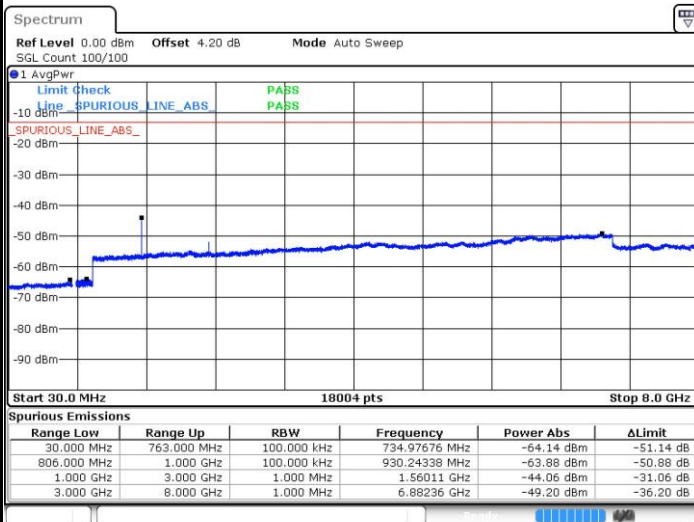
Date: 24 FEB 2016 18:55:50

Lowest Channel / 16QAM



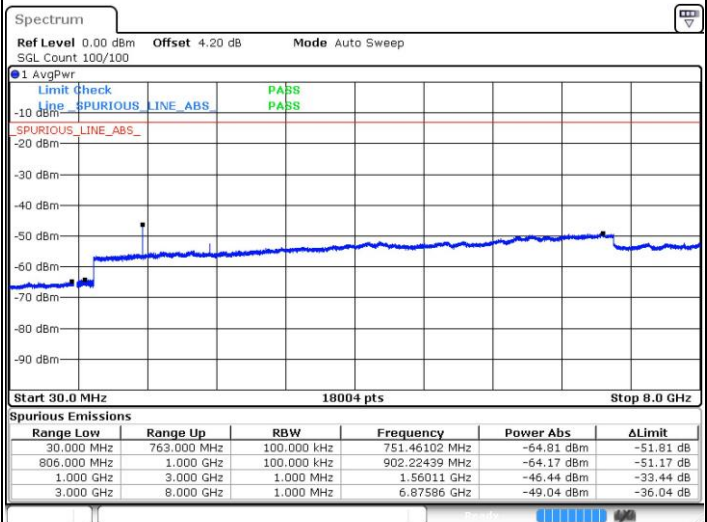
Date: 24 FEB 2016 18:56:22

Middle Channel / QPSK



Date: 24 FEB 2016 18:57:27

Middle Channel / 16QAM

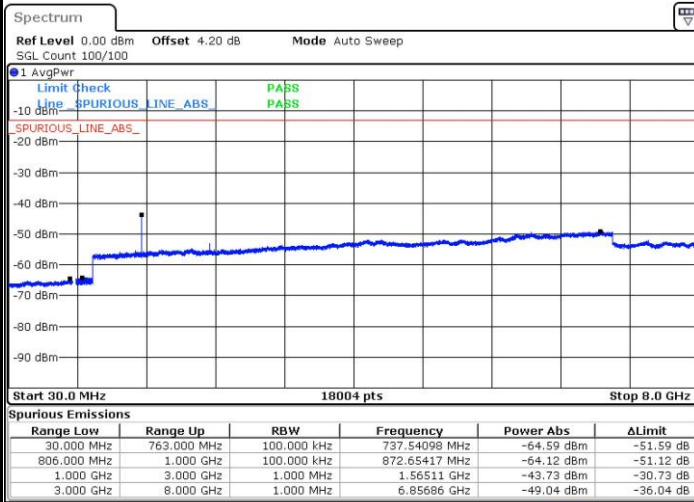


Date: 24 FEB 2016 18:56:56



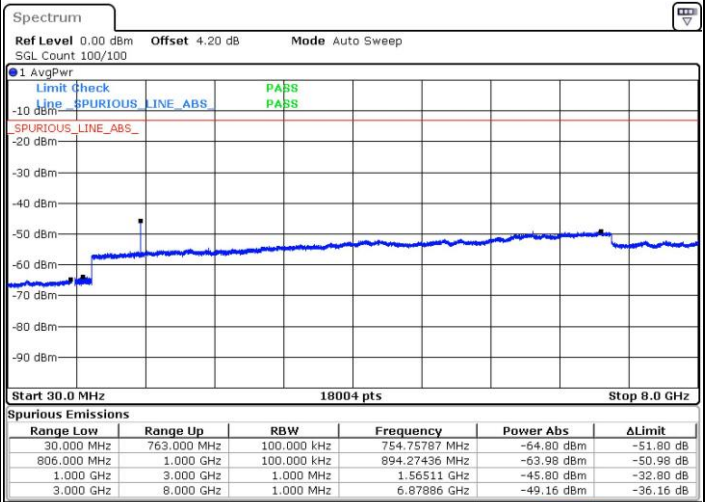
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 24 FEB 2016 18:57:55

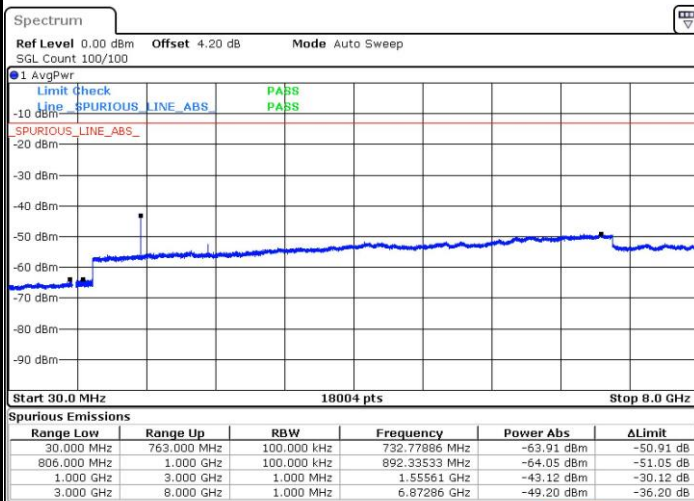
Highest Channel / 16QAM



Date: 24 FEB 2016 18:58:24

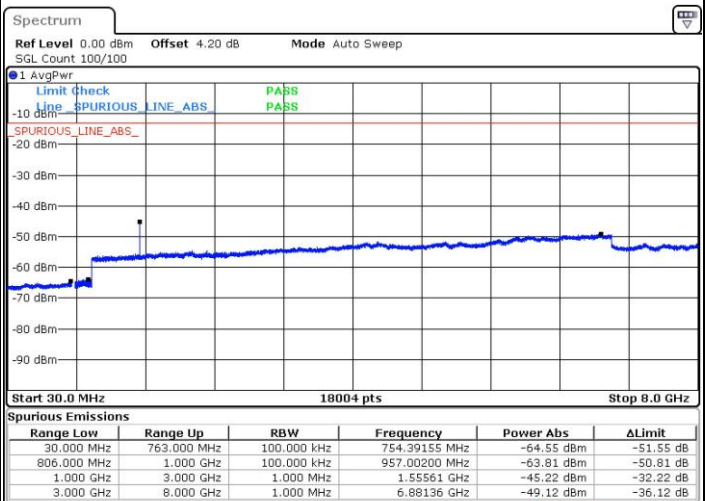
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 24 FEB 2016 19:16:00

Middle Channel / 16QAM

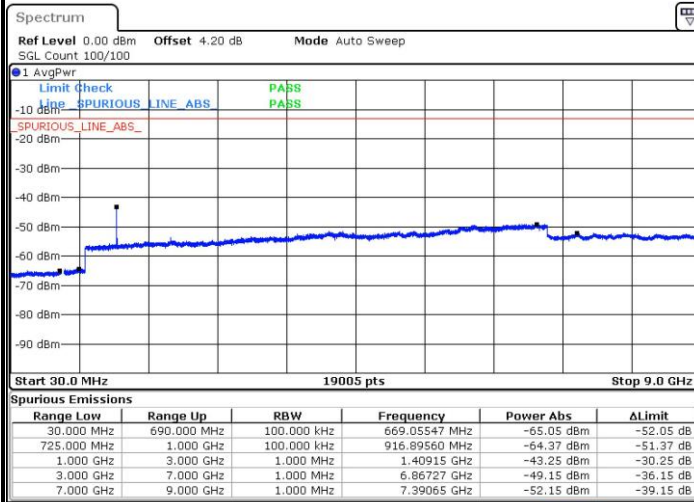


Date: 24 FEB 2016 19:15:32



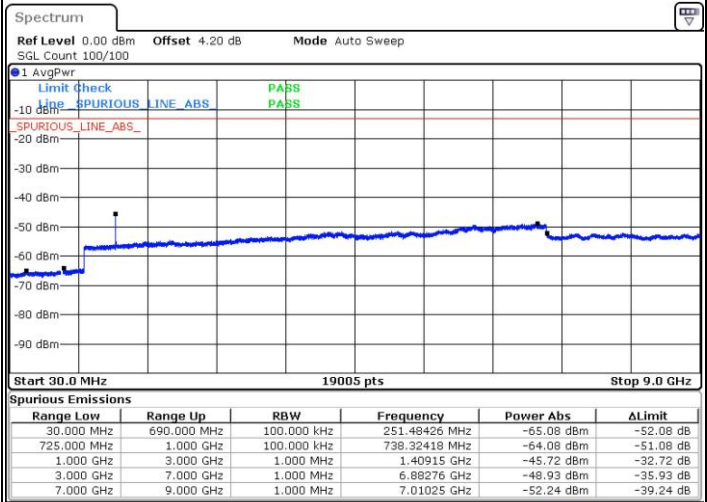
LTE Band 17 / 5MHz

Lowest Channel / QPSK



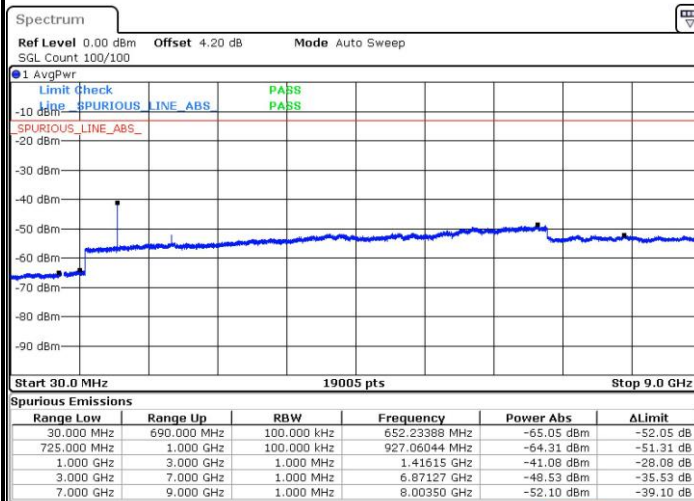
Date: 23 FEB 2016 21:36:21

Lowest Channel / 16QAM



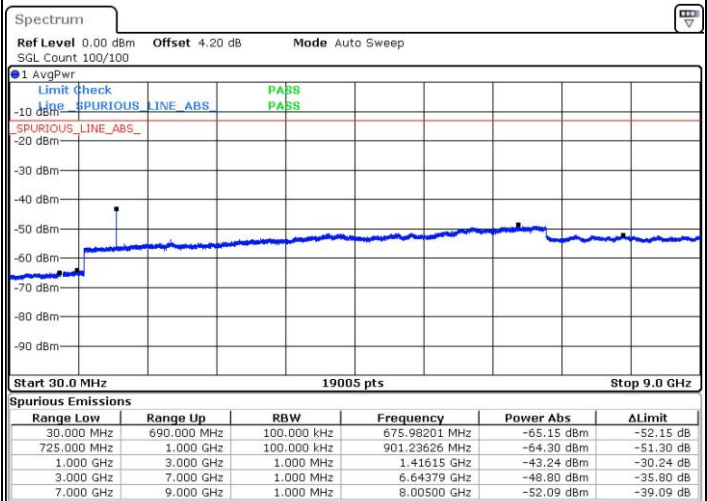
Date: 23 FEB 2016 21:37:16

Middle Channel / QPSK



Date: 23 FEB 2016 21:38:53

Middle Channel / 16QAM

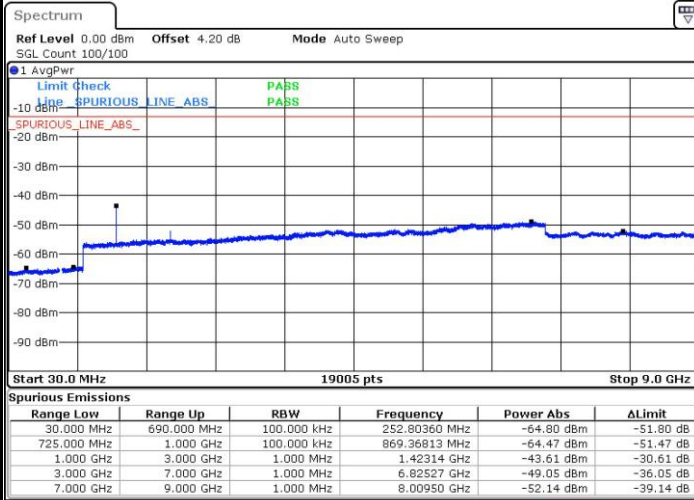


Date: 23 FEB 2016 21:39:48



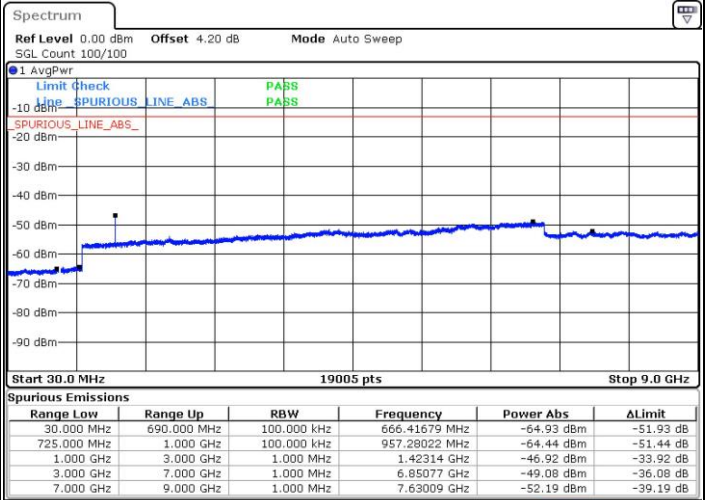
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 23 FEB 2016 21:49:30

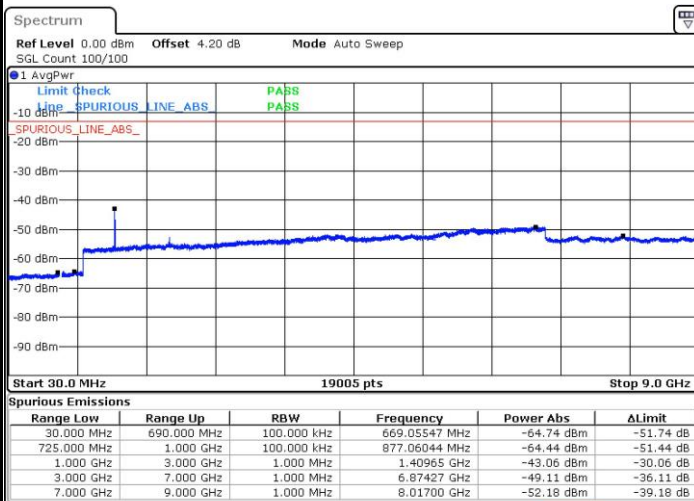
Highest Channel / 16QAM



Date: 23 FEB 2016 21:50:24

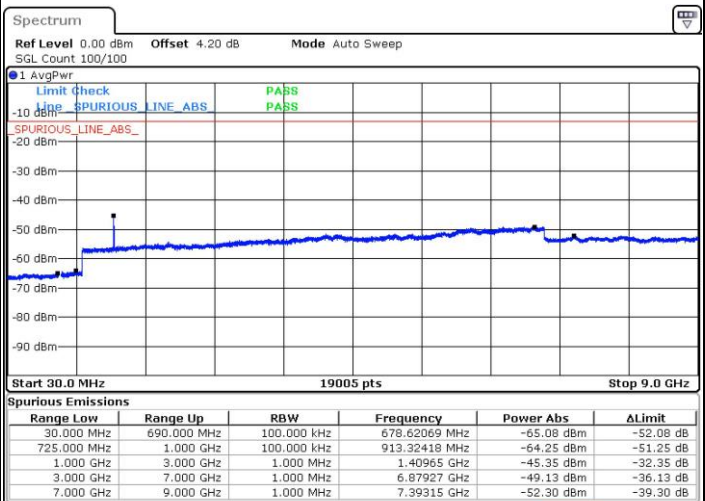
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 23 FEB 2016 22:00:05

Lowest Channel / 16QAM

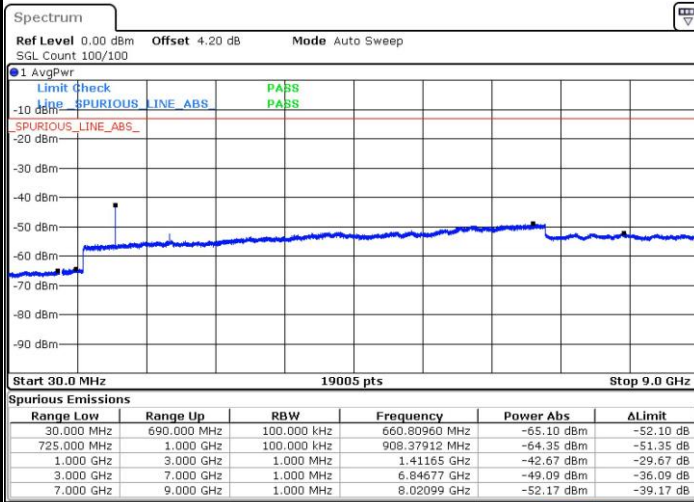


Date: 23 FEB 2016 22:01:00



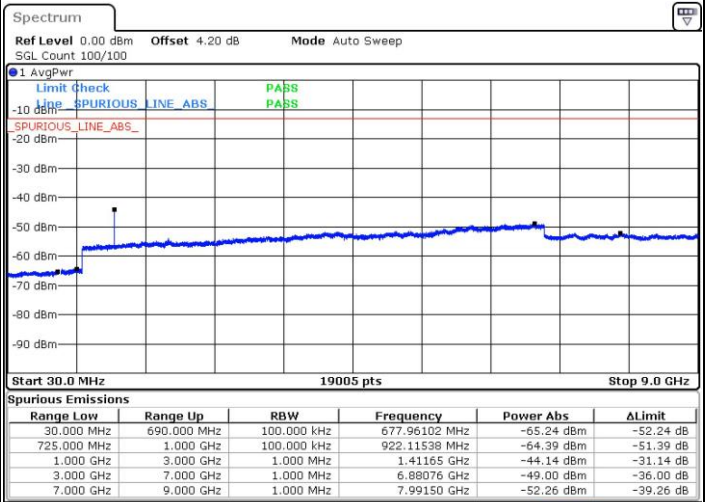
LTE Band 17 / 10MHz

Middle Channel / QPSK



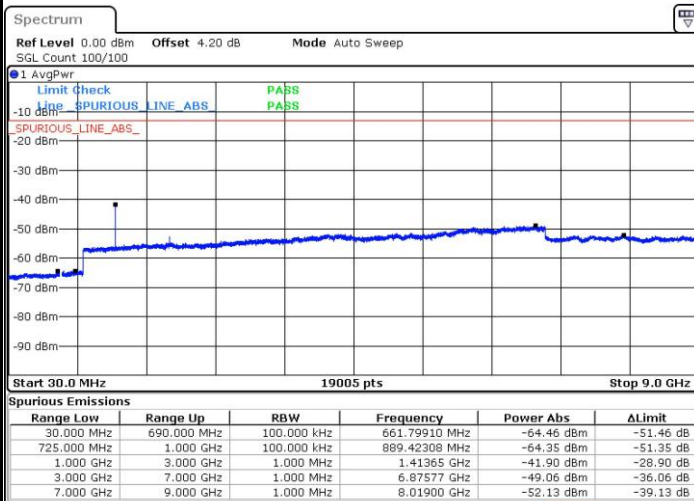
Date: 23 FEB 2016 22:02:37

Middle Channel / 16QAM



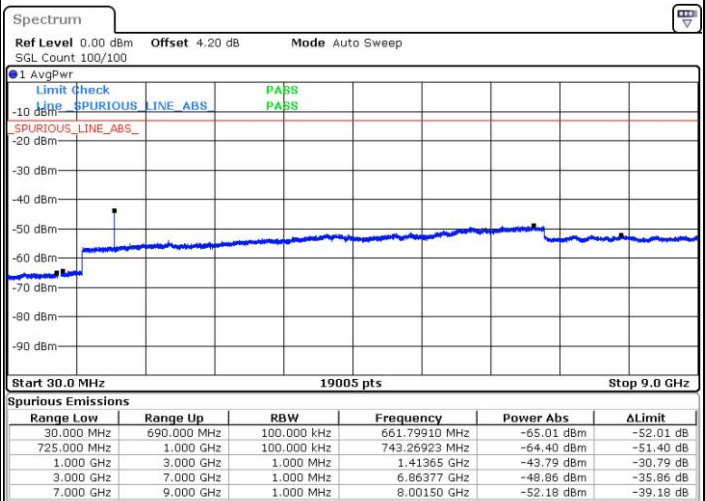
Date: 23 FEB 2016 22:03:32

Highest Channel / QPSK



Date: 23 FEB 2016 22:13:14

Highest Channel / 16QAM



Date: 23 FEB 2016 22:14:09

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	0.0085	PASS
40	Normal Voltage	0.0080	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0149	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0080	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0133	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	0.0139	PASS
40	Normal Voltage	0.0069	
30	Normal Voltage	0.0063	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0081	
-30	Normal Voltage	0.0098	
20	Maximum Voltage	0.0092	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0040	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0052	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0045	
20	Battery End Point	0.0047	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	0.0001	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0048	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	23.90	0.2455	24.48	0.2805
Middle		3	1	24.31	0.2698	24.85	0.3055
Highest		3	1	24.43	0.2773	24.79	0.3013
Lowest	16QAM	3	1	22.90	0.1950	23.30	0.2138
Middle		1	0	22.81	0.1910	23.36	0.2168
Highest		3	0	23.06	0.2023	23.43	0.2203
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	24.27	0.2673	24.70	0.2951
Middle		1	8	24.20	0.2630	24.84	0.3048
Highest		1	8	24.25	0.2661	24.77	0.2999
Lowest	16QAM	1	0	23.52	0.2249	23.95	0.2483
Middle		1	0	22.88	0.1941	23.23	0.2104
Highest		1	14	23.43	0.2203	23.75	0.2371
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	24.08	0.2559	24.51	0.2825
Middle		1	12	24.17	0.2612	24.72	0.2965
Highest		1	12	24.53	0.2838	24.82	0.3034
Lowest	16QAM	1	12	23.26	0.2118	23.68	0.2333
Middle		1	12	23.30	0.2138	23.85	0.2427
Highest		1	0	23.02	0.2004	23.17	0.2075
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	24.23	0.2649	24.78	0.3006
Middle		1	25	24.30	0.2692	24.85	0.3055
Highest		1	0	24.73	0.2972	24.82	0.3034
Lowest	16QAM	1	0	22.76	0.1888	23.45	0.2213
Middle		1	25	23.92	0.2466	24.47	0.2799
Highest		1	0	23.96	0.2489	24.06	0.2547
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	24.45	0.2786	24.60	0.2884
Middle		1	74	24.08	0.2559	24.60	0.2884
Highest		1	37	24.96	0.3133	25.17	0.3289
Lowest	16QAM	1	37	23.49	0.2234	23.73	0.2360
Middle		1	37	23.65	0.2317	24.23	0.2649
Highest		1	37	23.95	0.2483	24.40	0.2754
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	24.09	0.2564	24.20	0.2630
Middle		1	49	24.48	0.2805	25.05	0.3199
Highest		1	49	24.70	0.2951	24.85	0.3055
Lowest	16QAM	1	0	22.46	0.1762	22.94	0.1968
Middle		1	0	23.01	0.2000	23.16	0.2070
Highest		1	49	23.35	0.2163	23.44	0.2208
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	25.14	0.3266	25.42	0.3483
Middle		3	3	25.48	0.3532	25.47	0.3524
Highest		3	1	25.73	0.3741	25.03	0.3184
Lowest	16QAM	3	3	23.87	0.2438	24.12	0.2582
Middle		3	1	24.05	0.2541	23.95	0.2483
Highest		3	1	24.63	0.2904	23.92	0.2466
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.33	0.3412	25.64	0.3664
Middle		1	14	25.26	0.3357	25.23	0.3334
Highest		1	8	25.66	0.3681	24.88	0.3076
Lowest	16QAM	1	8	24.28	0.2679	24.50	0.2818
Middle		1	0	23.89	0.2449	23.71	0.2350
Highest		1	8	24.66	0.2924	23.92	0.2466
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	25.29	0.3381	25.39	0.3459
Middle		1	12	25.57	0.3606	25.48	0.3532
Highest		1	12	25.80	0.3802	25.29	0.3381
Lowest	16QAM	1	24	24.04	0.2535	24.37	0.2735
Middle		1	12	23.89	0.2449	23.79	0.2393
Highest		1	0	24.64	0.2911	24.40	0.2754
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	25.43	0.3491	25.58	0.3614
Middle		1	25	25.54	0.3581	25.48	0.3532
Highest		1	25	25.63	0.3656	25.32	0.3404
Lowest	16QAM	1	25	24.87	0.3069	24.94	0.3119
Middle		1	0	24.25	0.2661	23.76	0.2377
Highest		1	0	24.14	0.2594	23.82	0.2410
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	25.55	0.3589	25.50	0.3548
Middle		1	37	25.30	0.3388	25.24	0.3342
Highest		1	37	25.79	0.3793	25.13	0.3258
Lowest	16QAM	1	0	24.24	0.2655	24.50	0.2818
Middle		1	0	23.84	0.2421	23.53	0.2254
Highest		1	37	24.76	0.2992	24.79	0.3013
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.08	0.3221	25.21	0.3319
Middle		1	0	25.78	0.3784	25.56	0.3597
Highest		1	0	25.19	0.3304	25.20	0.3311
Lowest	16QAM	1	0	24.00	0.2512	24.17	0.2612
Middle		1	0	24.87	0.3069	24.64	0.2911
Highest		1	0	24.06	0.2547	24.03	0.2529
Limit	EIRP < 1W			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	25.49	0.3540	25.91	0.3899
Middle		1	12	24.92	0.3105	25.48	0.3532
Highest		1	12	24.05	0.2541	24.66	0.2924
Lowest	16QAM	1	0	24.04	0.2535	25.00	0.3162
Middle		1	0	22.84	0.1923	23.41	0.2193
Highest		1	24	24.17	0.2612	24.77	0.2999
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	25.61	0.3639	25.92	0.3908
Middle		1	25	25.23	0.3334	24.91	0.3097
Highest		1	25	24.22	0.2642	24.80	0.3020
Lowest	16QAM	1	0	25.64	0.3664	24.97	0.3141
Middle		1	0	24.07	0.2553	24.02	0.2523
Highest		1	25	23.36	0.2168	24.01	0.2518
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.78	0.3784	26.47	0.4436
Middle		1	37	25.38	0.3451	25.88	0.3873
Highest		1	37	24.71	0.2958	25.17	0.3289
Lowest	16QAM	1	0	24.94	0.3119	25.60	0.3631
Middle		1	37	24.24	0.2655	24.80	0.3020
Highest		1	37	23.83	0.2415	24.33	0.2710
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	25.85	0.3846	25.92	0.3908
Middle		1	49	25.40	0.3467	25.90	0.3890
Highest		1	49	24.56	0.2858	25.17	0.3289
Lowest	16QAM	1	49	24.70	0.2951	25.02	0.3177
Middle		1	0	25.40	0.3467	24.18	0.2618
Highest		1	49	23.34	0.2158	23.62	0.2301
Limit	EIRP < 2W			Result		PASS	

LTE Band 13 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	17.12	0.0515	8.42	0.0070
Middle		1	12	17.76	0.0597	8.70	0.0074
Highest		1	12	17.79	0.0601	8.87	0.0077
Lowest	16QAM	1	12	15.97	0.0395	6.59	0.0046
Middle		1	0	15.21	0.0332	6.64	0.0046
Highest		1	0	15.96	0.0394	7.07	0.0051
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	25	17.42	0.0552	8.39	0.0069
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	16.26	0.0423	7.36	0.0054
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	17.95	0.0624	6.74	0.0047
Middle		1	12	17.63	0.0579	6.23	0.0042
Highest		1	12	18.16	0.0655	7.17	0.0052
Lowest	16QAM	1	12	16.81	0.0480	5.43	0.0035
Middle		1	24	16.43	0.0440	5.12	0.0033
Highest		1	24	16.71	0.0469	5.24	0.0033
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	17.52	0.0565	6.57	0.0045
Middle		1	25	17.82	0.0605	6.70	0.0047
Highest		1	25	17.87	0.0612	6.57	0.0045
Lowest	16QAM	1	25	16.72	0.0470	5.57	0.0036
Middle		1	25	16.39	0.0436	5.26	0.0034
Highest		1	25	16.47	0.0444	5.57	0.0036
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 For Adaptor1, USB cable 1,Battery 1									
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	-54.79	-13	-41.79	-64.35	-59.79	2.60	7.60	H
	5640	-53.79	-13	-40.79	-67.78	-60.79	3.10	10.10	H
	7518	-50.22	-13	-37.22	-68.95	-56.38	5.77	11.93	H
	3759	-55.44	-13	-42.44	-65.96	-60.44	2.60	7.60	V
	5638.65	-50.99	-13	-37.99	-65.45	-57.99	3.10	10.10	V
	7518	-51.01	-13	-38.01	-68.93	-57.17	5.77	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 For Adaptor1, USB cable 1,Battery 1									
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	-54.43	-13	-41.43	-63.99	-59.43	2.60	7.60	H
	5636.49	-53.76	-13	-40.76	-67.75	-60.76	3.10	10.10	H
	7515	-50.78	-13	-37.78	-69.51	-56.94	5.77	11.93	H
	3759	-56.12	-13	-43.12	-66.64	-61.12	2.60	7.60	V
	5636.49	-53.27	-13	-40.27	-67.73	-60.27	3.10	10.10	V
	7515	-51.42	-13	-38.42	-69.34	-57.58	5.77	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 For Adaptor1, USB cable 1,Battery 1									
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	-54.51	-13	-41.51	-64.07	-59.51	2.60	7.60	H
	5633.79	-53.84	-13	-40.84	-67.83	-60.84	3.10	10.10	H
	7512	-49.56	-13	-36.56	-68.29	-55.72	5.77	11.93	H
	3756	-54.58	-13	-41.58	-65.1	-59.58	2.60	7.60	V
	5633.79	-53.54	-13	-40.54	-68	-60.54	3.10	10.10	V
	7512	-51.02	-13	-38.02	-68.94	-57.18	5.77	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 For Adaptor1, USB cable 1,Battery 1									
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	-53.84	-13	-40.84	-63.40	-58.84	2.60	7.60	H
	5628	-52.52	-13	-39.52	-66.51	-59.52	3.10	10.10	H
	7503	-49.38	-13	-36.38	-68.11	-55.54	5.77	11.93	H
	3750	-54.24	-13	-41.24	-64.76	-59.24	2.60	7.60	V
	5628	-53.00	-13	-40.00	-67.46	-60.00	3.10	10.10	V
	7503	-50.06	-13	-37.06	-67.98	-56.22	5.77	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 For Adaptor1, USB cable 1,Battery 1									
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	-53.00	-13	-40.00	-62.56	-58.00	2.60	7.60	H
	5619	-54.41	-13	-41.41	-68.40	-61.41	3.10	10.10	H
	7494	-49.71	-13	-36.71	-68.44	-55.87	5.77	11.93	H
	3747	-55.21	-13	-42.21	-65.73	-60.21	2.60	7.60	V
	5620.29	-53.52	-13	-40.52	-67.98	-60.52	3.10	10.10	V
	7494	-51.16	-13	-38.16	-69.08	-57.32	5.77	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 For Adaptor1, USB cable 1,Battery 1									
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	-53.53	-13	-40.53	-63.09	-58.53	2.60	7.60	H
	5613.27	-53.50	-13	-40.50	-67.49	-60.50	3.10	10.10	H
	7485	-50.49	-13	-37.49	-69.22	-56.65	5.77	11.93	H
	3746.18	-55.77	-13	-42.77	-66.29	-60.77	2.60	7.60	V
	5613	-52.96	-13	-39.96	-67.42	-59.96	3.10	10.10	V
	7485	-51.69	-13	-38.69	-69.61	-57.85	5.77	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 For Adaptor2, USB cable 2,Battery 2									
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	-56.50	-13	-43.50	-66.06	-61.50	2.60	7.60	H
	5628	-51.43	-13	-38.43	-65.42	-58.43	3.10	10.10	H
	7503	-50.25	-13	-37.25	-68.98	-56.41	5.77	11.93	H
	3750	-54.77	-13	-41.77	-65.29	-59.77	2.60	7.60	V
	5628	-52.38	-13	-39.38	-66.84	-59.38	3.10	10.10	V
	7503	-51.38	-13	-38.38	-69.3	-57.54	5.77	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 For Adaptor1, USB cable 1,Battery 1									
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	-58.56	-13	-45.56	-66.32	-63.54	2.51	7.49	H
	5196	-53.74	-13	-40.74	-67.33	-60.21	2.98	9.45	H
	6927	-53.73	-13	-40.73	-70.52	-59.80	5.28	11.35	H
	3465	-60.95	-13	-47.95	-65.78	-65.93	2.51	7.49	V
	5196	-53.24	-13	-40.24	-67.2	-59.71	2.98	9.45	V
	6927	-52.92	-13	-39.92	-69.95	-58.99	5.28	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 For Adaptor1, USB cable 1,Battery 1									
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	-44.38	-13	-31.38	-53.21	-49.36	2.51	7.49	H
	5193	-40.39	-13	-27.39	-54.92	-46.86	2.98	9.45	H
	6924	-53.53	-13	-40.53	-70.32	-59.60	5.28	11.35	H
	3462	-44.92	-13	-31.92	-52.78	-49.90	2.51	7.49	V
	5193	-36.48	-13	-23.48	-52.37	-42.95	2.98	9.45	V
	6924	-52.44	-13	-39.44	-69.47	-58.51	5.28	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 For Adaptor1, USB cable 1,Battery 1									
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	-57.54	-13	-44.54	-65.30	-62.52	2.51	7.49	H
	5191	-54.28	-13	-41.28	-67.87	-60.75	2.98	9.45	H
	6921	-52.21	-13	-39.21	-69.00	-58.28	5.28	11.35	H
	3459	-60.98	-13	-47.98	-65.81	-65.96	2.51	7.49	V
	5191	-54.24	-13	-41.24	-68.2	-60.71	2.98	9.45	V
	6921	-51.90	-13	-38.90	-68.93	-57.97	5.28	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 For Adaptor1, USB cable 1,Battery 1									
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	-57.02	-13	-44.02	-64.78	-62.00	2.51	7.49	H
	5184	-51.25	-13	-38.25	-64.84	-57.72	2.98	9.45	H
	6909	-49.23	-13	-36.23	-66.02	-55.30	5.28	11.35	H
	3456	-60.40	-13	-47.40	-65.23	-65.38	2.51	7.49	V
	5184	-52.54	-13	-39.54	-66.5	-59.01	2.98	9.45	V
	6912	-51.45	-13	-38.45	-68.48	-57.52	5.28	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 For Adaptor1, USB cable 1,Battery 1									
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	3453	-58.45	-13	-45.45	-66.21	-63.43	2.51	7.49	H
	5178	-53.77	-13	-40.77	-67.36	-60.24	2.98	9.45	H
	6903	-52.23	-13	-39.23	-69.02	-58.30	5.28	11.35	H
	3453	-60.68	-13	-47.68	-65.51	-65.66	2.51	7.49	V
	5178	-53.36	-13	-40.36	-67.32	-59.83	2.98	9.45	V
	6903	-51.14	-13	-38.14	-68.17	-57.21	5.28	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 For Adaptor1, USB cable 1,Battery 1									
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	-58.26	-13	-45.26	-66.02	-63.24	2.51	7.49	H
	5172	-53.78	-13	-40.78	-67.37	-60.25	2.98	9.45	H
	6894	-53.51	-13	-40.51	-70.30	-59.58	5.28	11.35	H
	3447	-60.86	-13	-47.86	-65.69	-65.84	2.51	7.49	V
	5172	-53.20	-13	-40.20	-67.16	-59.67	2.98	9.45	V
	6894	-52.80	-13	-39.80	-69.83	-58.87	5.28	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 For Adaptor2, USB cable 2,Battery 2									
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	-54.38	-13	-41.38	-62.14	-59.36	2.51	7.49	H
	5193	-42.07	-13	-29.07	-56.45	-48.54	2.98	9.45	H
	6924	-52.47	-13	-39.47	-69.26	-58.54	5.28	11.35	H
	3462	-60.14	-13	-47.14	-64.97	-65.12	2.51	7.49	V
	5193	-40.73	-13	-27.73	-56.32	-47.20	2.98	9.45	V
	6924	-53.24	-13	-40.24	-70.27	-59.31	5.28	11.35	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 For Adaptor1, USB cable 1,Battery 1									
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	-52.42	-25	-27.42	-67.73	-60.14	1.56	9.27	H
	7598	-44.46	-25	-19.46	-63.20	-52.51	4.31	12.36	H
	10132	-48.60	-25	-23.60	-69.49	-56.79	4.21	12.40	H
	5066	-54.68	-25	-29.68	-67.08	-62.40	1.56	9.27	V
	7598	-40.94	-25	-15.94	-61.67	-48.99	4.31	12.36	V
	10132	-44.70	-25	-19.70	-69.42	-52.89	4.21	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 For Adaptor1, USB cable 1,Battery 1

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	5063	-50.89	-25	-25.89	-66.20	-58.61	1.56	9.27	H
	7592	-40.14	-25	-15.14	-59.96	-48.19	4.31	12.36	H
	10124	-47.97	-25	-22.97	-68.88	-56.16	4.21	12.40	H
	5063	-54.02	-25	-29.02	-66.42	-61.74	1.56	9.27	V
	7592	-39.88	-25	-14.88	-60.75	-47.93	4.31	12.36	V
	10124	-44.13	-25	-19.13	-68.85	-52.32	4.21	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 For Adaptor1, USB cable 1,Battery 1

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	-52.26	-25	-27.26	-67.57	-59.98	1.56	9.27	H
	7586	-41.03	-25	-16.03	-60.57	-49.08	4.31	12.36	H
	10112	-48.36	-25	-23.36	-69.25	-56.55	4.21	12.40	H
	5057	-53.93	-25	-28.93	-66.33	-61.65	1.56	9.27	V
	7586	-46.79	-25	-21.79	-66.48	-54.84	4.31	12.36	V
	10112	-44.57	-25	-19.57	-69.29	-52.76	4.21	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 For Adaptor1, USB cable 1,Battery 1

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	-52.00	-25	-27.00	-67.31	-59.72	1.56	9.27	H
	7577	-42.95	-25	-17.95	-62.06	-51.00	4.31	12.36	H
	10104	-46.55	-25	-21.55	-68.17	-54.74	4.21	12.40	H
	5051	-55.48	-25	-30.48	-67.88	-63.20	1.56	9.27	V
	7580	-39.76	-25	-14.76	-60.64	-47.81	4.31	12.36	V
	10104	-43.94	-25	-18.94	-68.66	-52.13	4.21	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 For Adaptor2, USB cable 2,Battery 2									
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	5063	-51.72	-25	-26.72	-67.03	-59.44	1.56	9.27	H
	7592	-44.66	-25	-19.66	-63.35	-52.71	4.31	12.36	H
	10124	-47.55	-25	-22.55	-68.72	-55.74	4.21	12.40	H
	5063	-54.48	-25	-29.48	-66.88	-62.20	1.56	9.27	V
	7592	-42.31	-25	-17.31	-62.78	-50.36	4.31	12.36	V
	10124	-43.45	-25	-18.45	-68.17	-51.64	4.21	12.40	V

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

LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0 For Adaptor1, USB cable 1,Battery 1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-55.58	-13	-42.58	-55.53	-57.22	1.67	5.46	H
	2340	-56.80	-13	-43.80	-61.83	-59.06	2.06	6.47	H
	3120	-58.96	-13	-45.96	-64.69	-61.53	2.37	7.09	H
	1559.86	-61.15	-13	-48.15	-60.19	-62.79	1.67	5.46	V
	2340	-57.14	-13	-44.14	-62.81	-59.40	2.06	6.47	V
	3120	-58.01	-13	-45.01	-65.34	-60.58	2.37	7.09	V

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

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0 For Adaptor1, USB cable 1,Battery 1									
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	1556	-50.46	-13	-37.46	-50.48	-52.10	1.67	5.46	H
	2334	-46.23	-13	-33.23	-51.50	-48.49	2.06	6.47	H
	3111	-60.40	-13	-47.40	-66.13	-62.97	2.37	7.09	H
	1556	-57.88	-13	-44.88	-57.21	-59.52	1.67	5.46	V
	2332	-53.66	-13	-40.66	-58.77	-55.92	2.06	6.47	V
	3111	-57.43	-13	-44.43	-64.76	-60.00	2.37	7.09	V

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



LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0 For Adaptor2, USB cable 2,Battery 2

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	1556	-55.88	-13	-42.88	-55.83	-57.52	1.67	5.46	H
	2334	-49.21	-13	-36.21	-54.30	-51.47	2.06	6.47	H
	3111	-60.01	-13	-47.01	-65.74	-62.58	2.37	7.09	H
	1556	-60.55	-13	-47.55	-59.69	-62.19	1.67	5.46	V
	2334	-57.43	-13	-44.43	-63.10	-59.69	2.06	6.47	V
	3111	-57.96	-13	-44.96	-65.29	-60.53	2.37	7.09	V

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

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 For Adaptor1, USB cable 1,Battery 1

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	1416	-56.29	-13	-43.29	-56.76	-58.18	0.84	4.88	H
	2124	-47.84	-13	-34.84	-53.04	-50.48	1.14	5.93	H
	2832	-59.45	-13	-46.45	-64.18	-62.63	1.33	6.66	H
	3540	-54.66	-13	-41.66	-59.84	-58.62	1.45	7.56	H
	1416	-49.30	-13	-36.30	-51.49	-51.19	0.84	4.88	V
	2124	-46.43	-13	-33.43	-52.51	-49.07	1.14	5.93	V
	2832	-56.30	-13	-43.30	-63.34	-59.48	1.33	6.66	V
	3540	-56.80	-13	-43.80	-63.58	-60.76	1.45	7.56	V

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

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 For Adaptor1, USB cable 1,Battery 1

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	-51.51	-13	-38.51	-52.33	-53.40	0.84	4.88	H
	2118	-43.04	-13	-30.04	-48.49	-45.68	1.14	5.93	H
	2822	-58.14	-13	-45.14	-62.87	-61.32	1.33	6.66	H
	1412	-45.84	-13	-32.84	-48.11	-47.73	0.84	4.88	V
	2118	-44.36	-13	-31.36	-50.56	-47.00	1.14	5.93	V
	2822	-56.43	-13	-43.43	-63.47	-59.61	1.33	6.66	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 For Adaptor2, USB cable 2,Battery 2									
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	-57.06	-13	-44.06	-57.53	-58.95	0.84	4.88	H
	2118	-52.58	-13	-39.58	-57.42	-55.22	1.14	5.93	H
	2822	-58.37	-13	-45.37	-63.10	-61.55	1.33	6.66	H
	1412	-49.05	-13	-36.05	-51.28	-50.94	0.84	4.88	V
	2118	-53.32	-13	-40.32	-58.44	-55.96	1.14	5.93	V
	2822	-56.37	-13	-43.37	-63.41	-59.55	1.33	6.66	V

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