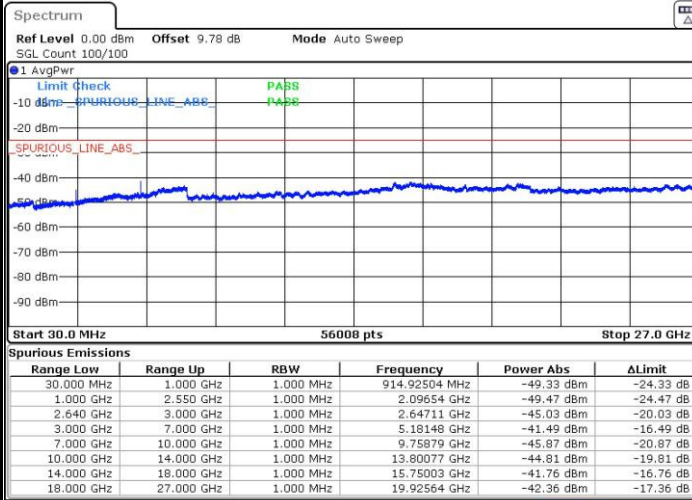




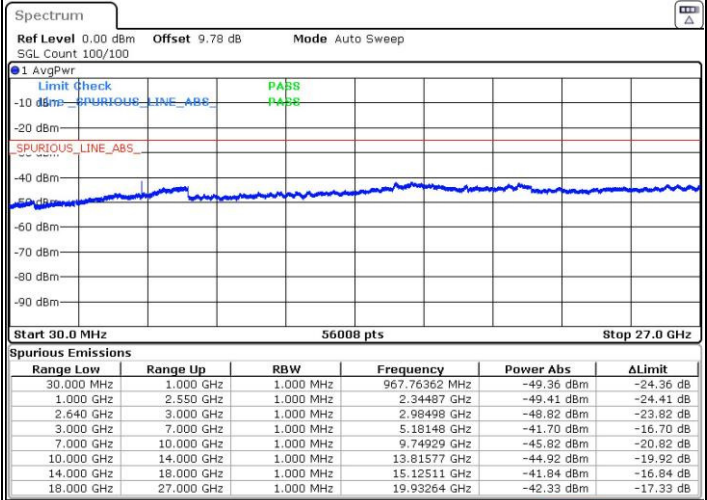
LTE Band 38 / 10MHz

Middle Channel / QPSK



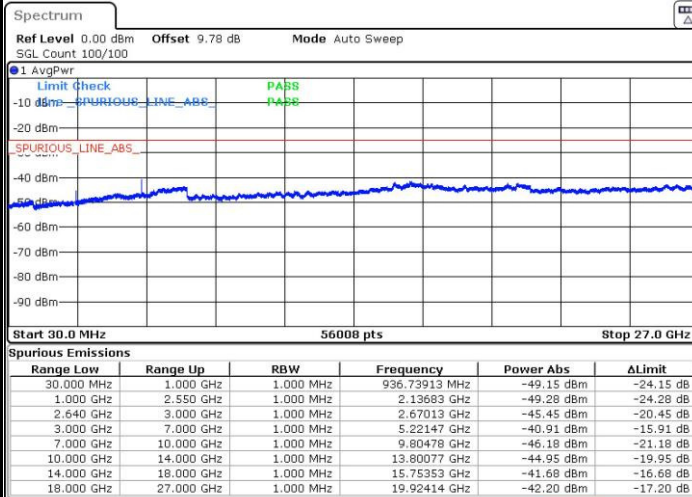
Date: 12 JUN 2016 15:35:25

Middle Channel / 16QAM



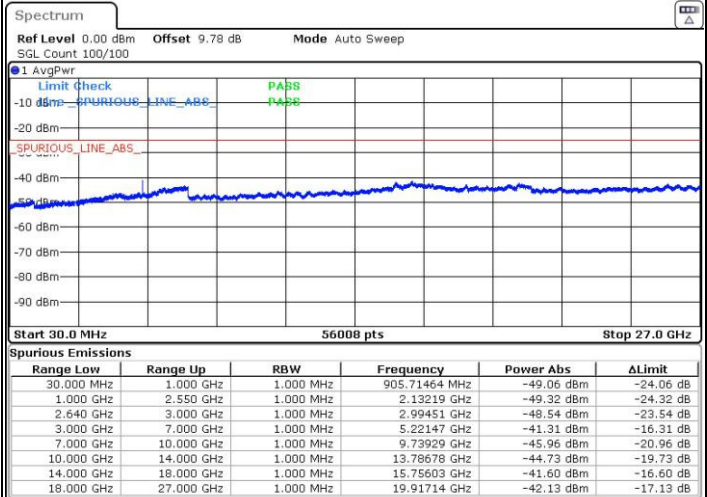
Date: 12 JUN 2016 15:34:34

Highest Channel / QPSK



Date: 12 JUN 2016 15:25:11

Highest Channel / 16QAM

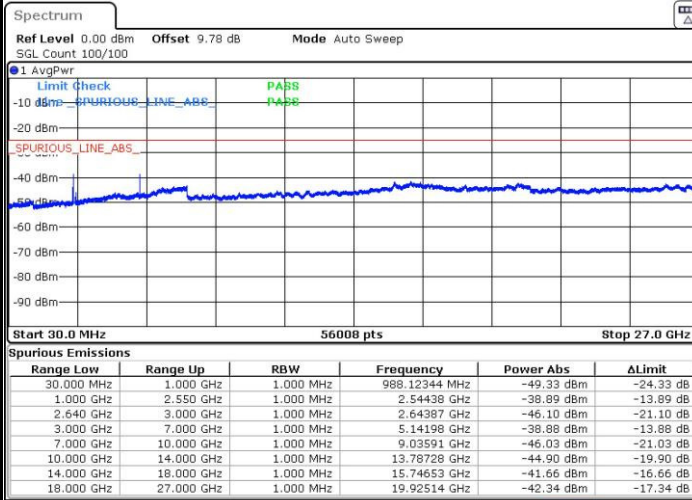


Date: 12 JUN 2016 15:24:04



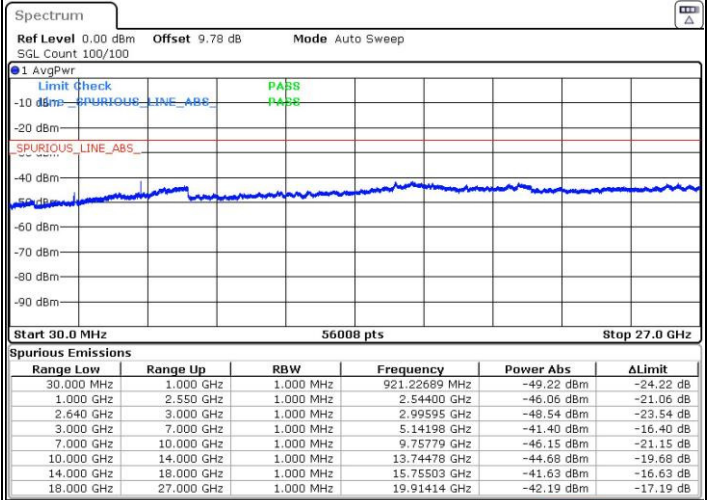
LTE Band 38 / 15MHz

Lowest Channel / QPSK



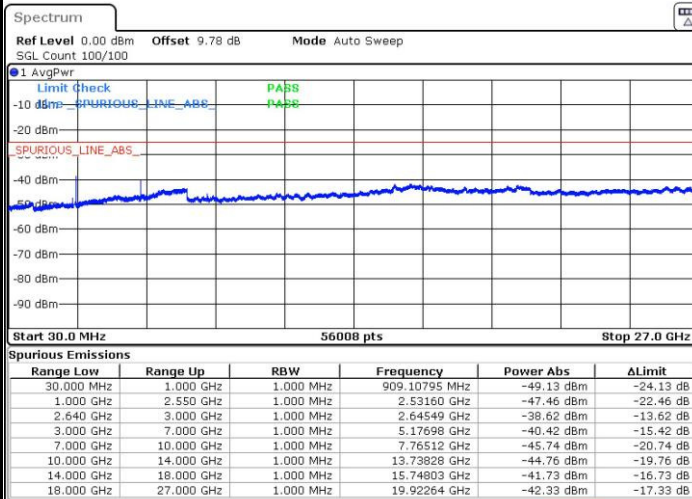
Date: 12 JUN 2016 16:28:07

Lowest Channel / 16QAM



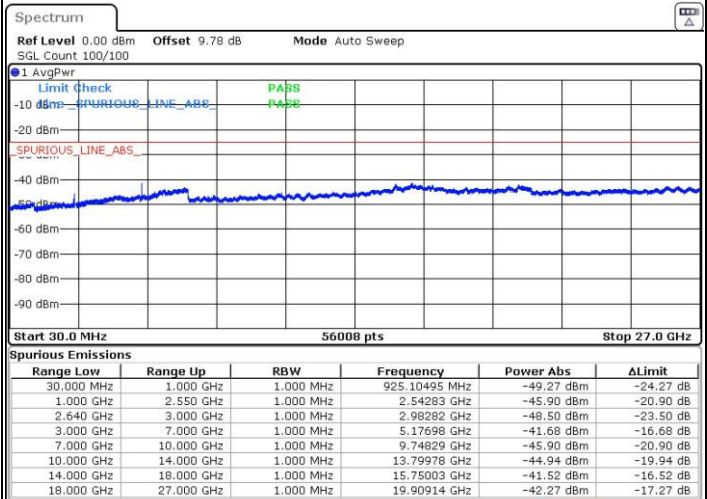
Date: 12 JUN 2016 16:22:50

Middle Channel / QPSK



Date: 12 JUN 2016 16:24:37

Middle Channel / 16QAM

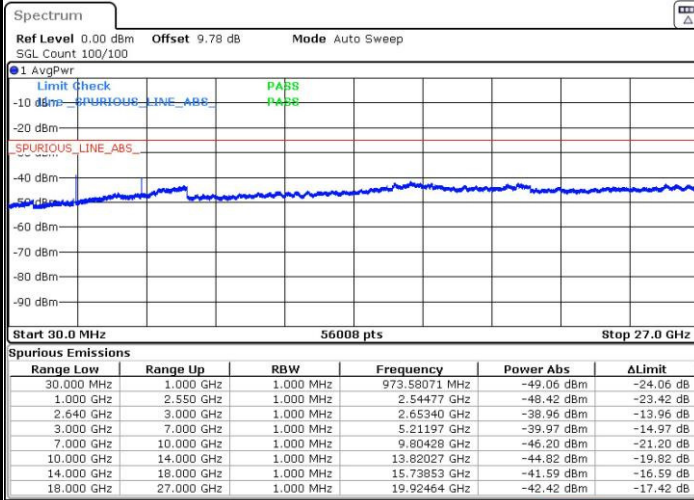


Date: 12 JUN 2016 16:23:41



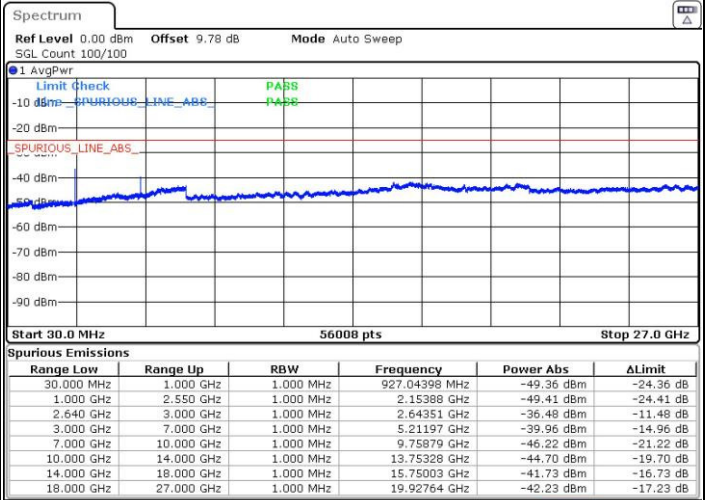
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 12 JUN 2016 16:26:00

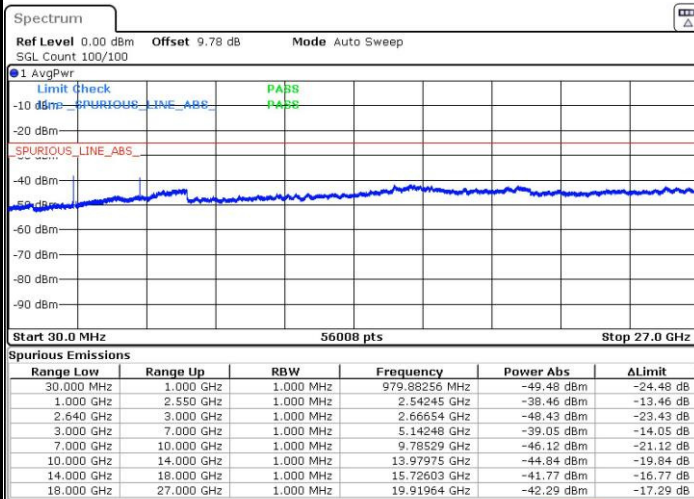
Highest Channel / 16QAM



Date: 12 JUN 2016 16:26:54

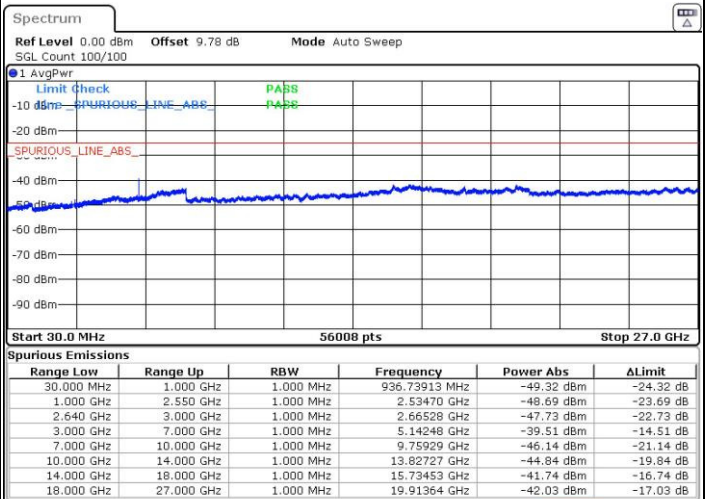
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 12 JUN 2016 17:02:44

Lowest Channel / 16QAM

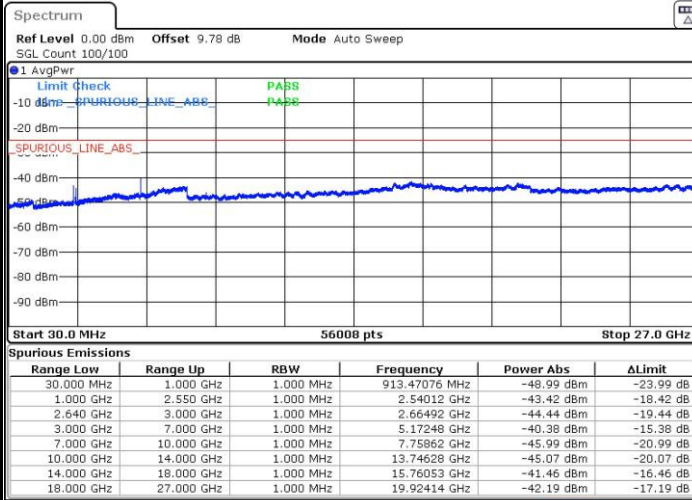


Date: 12 JUN 2016 17:11:46



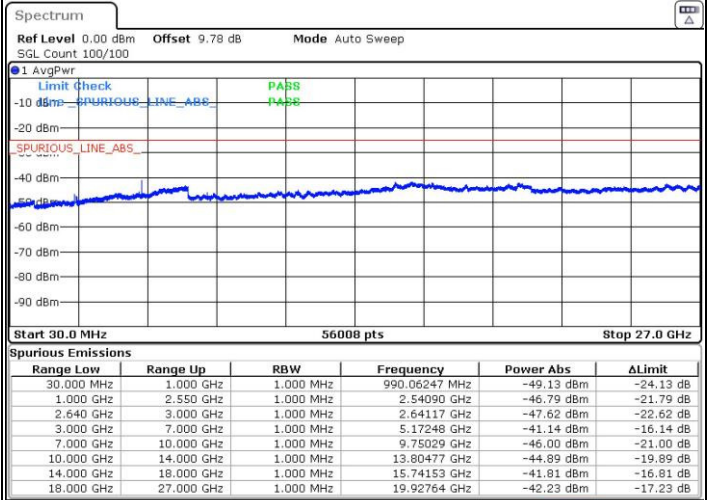
LTE Band 38 / 20MHz

Middle Channel / QPSK



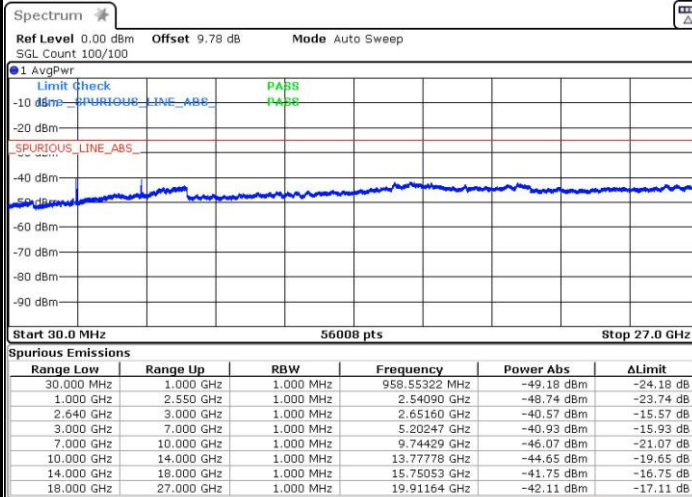
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Middle Channel / 16QAM



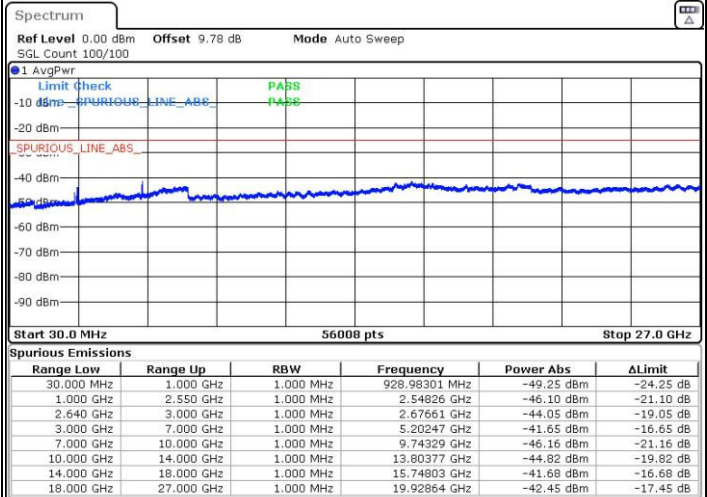
Date: 12 JUN 2016 17:33:49

Highest Channel / QPSK



Date: 12 JUN 2016 17:36:13

Highest Channel / 16QAM

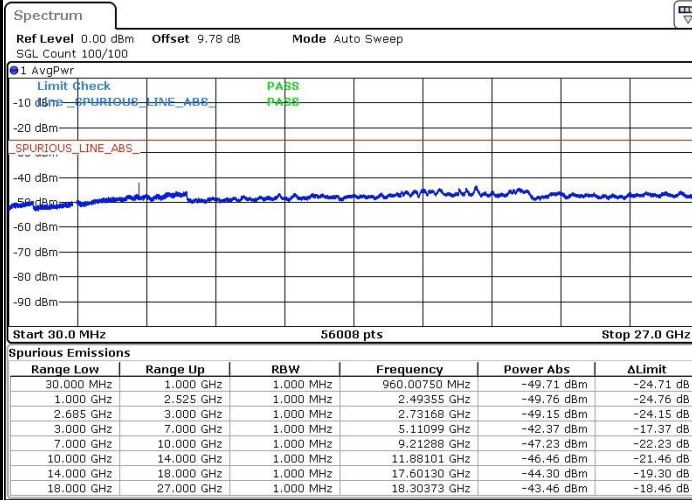


Date: 12 JUN 2016 17:39:08



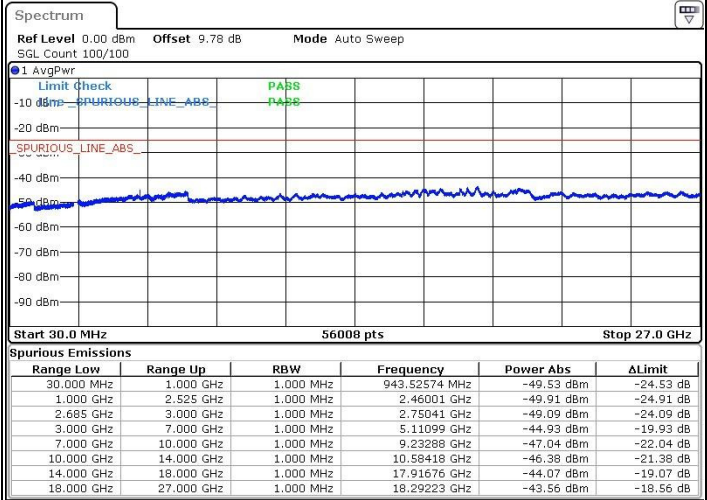
LTE Band 41 / 5MHz

Lowest Channel / QPSK



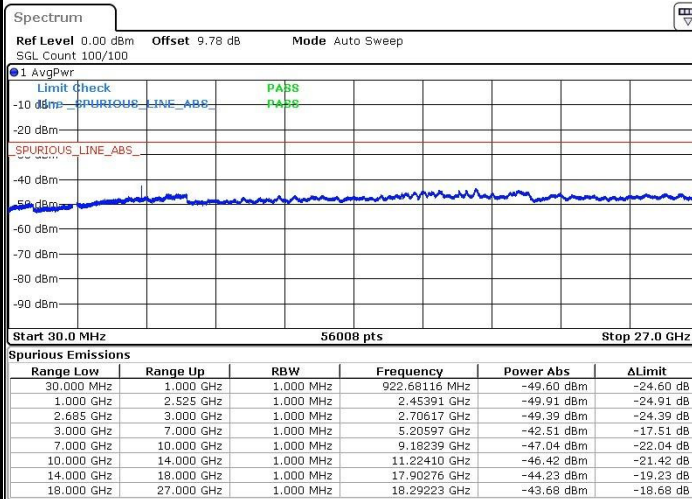
Date: 16 JUN 2016 11:23:48

Lowest Channel / 16QAM



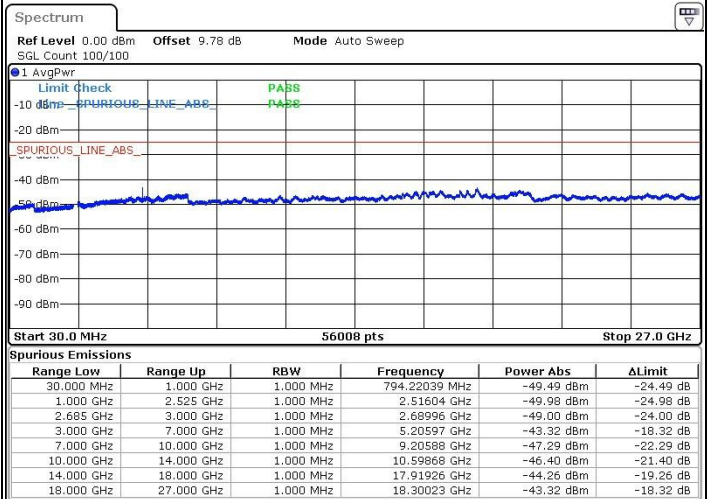
Date: 16 JUN 2016 11:20:01

Middle Channel / QPSK



Date: 16 JUN 2016 11:26:44

Middle Channel / 16QAM

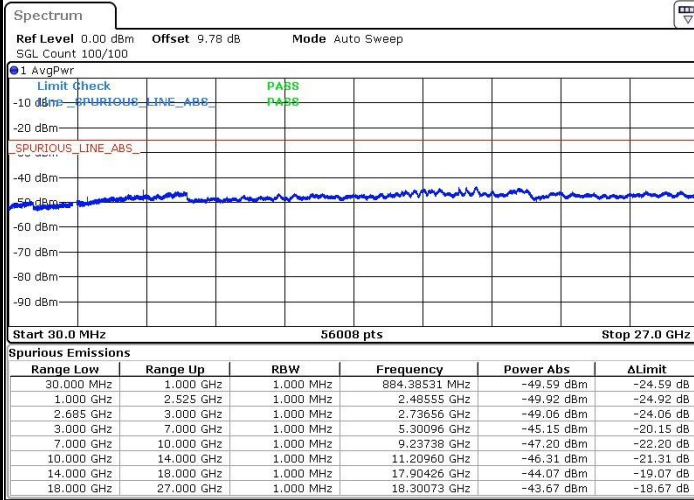


Date: 16 JUN 2016 11:27:42



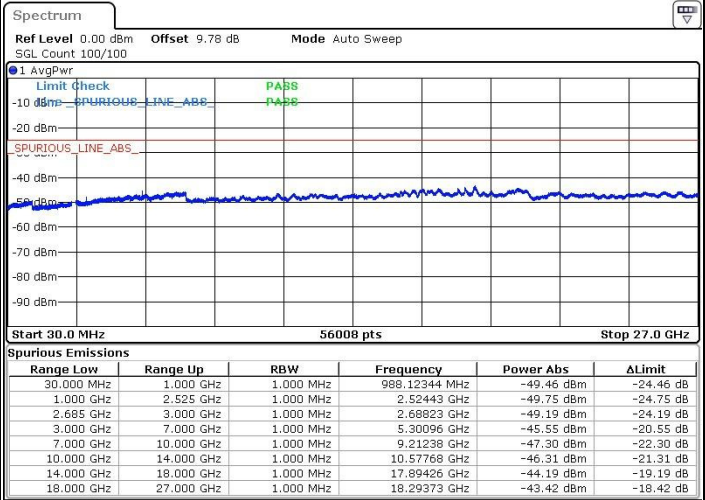
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 16 JUN 2016 11:37:09

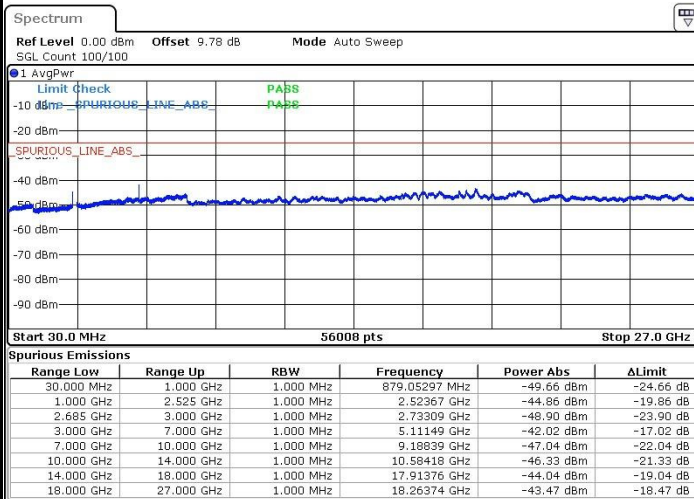
Highest Channel / 16QAM



Date: 16 JUN 2016 11:40:40

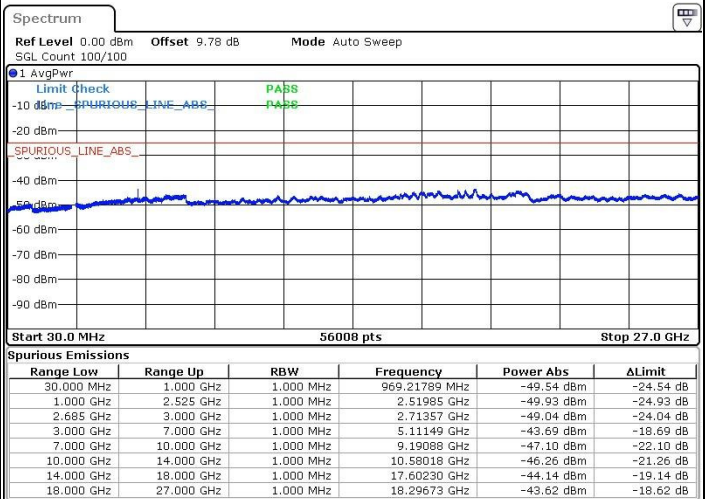
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 16 JUN 2016 13:51:48

Lowest Channel / 16QAM

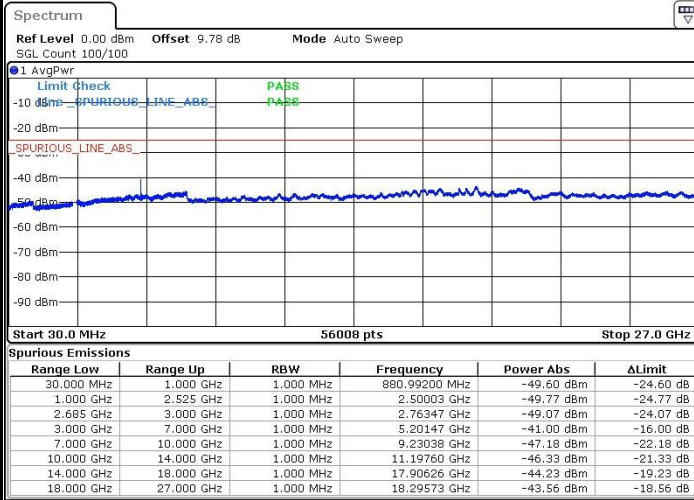


Date: 16 JUN 2016 13:52:41



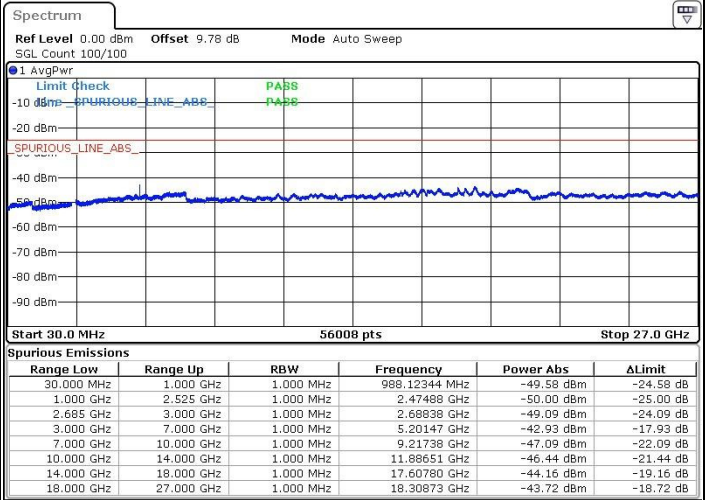
LTE Band 41 / 10MHz

Middle Channel / QPSK



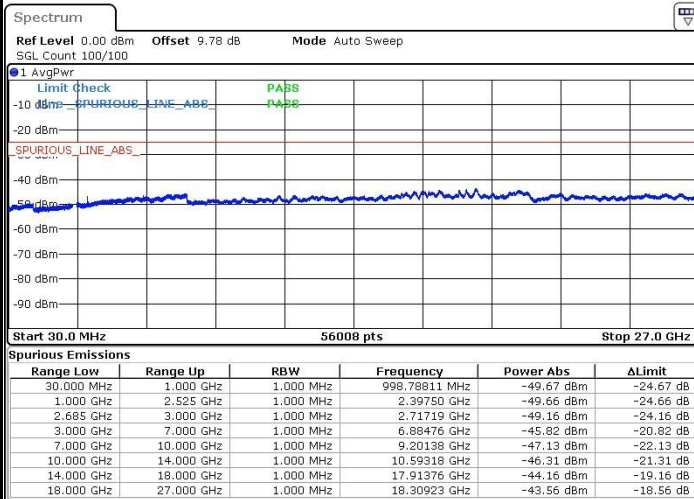
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Middle Channel / 16QAM



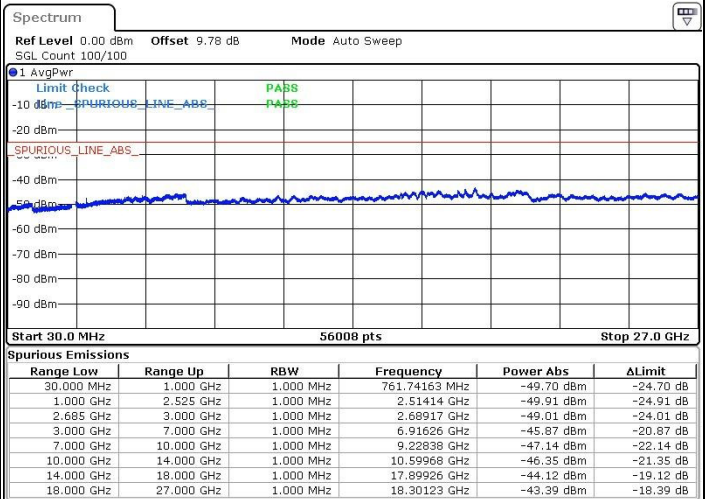
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Highest Channel / QPSK



Date: 16 JUN 2016 13:55:23

Highest Channel / 16QAM

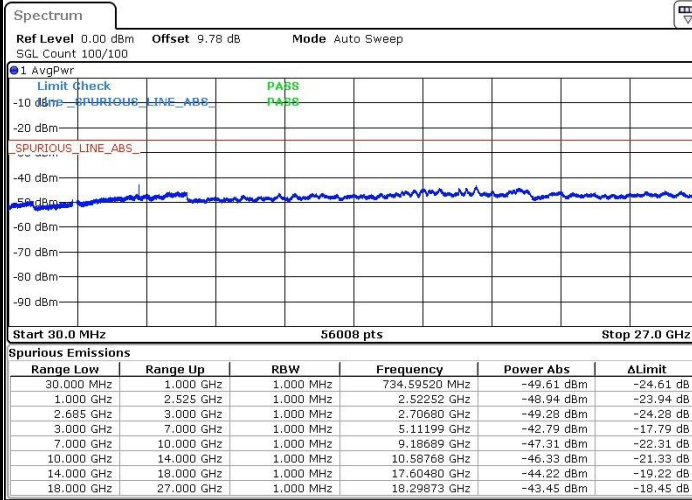


Date: 16 JUN 2016 13:56:27



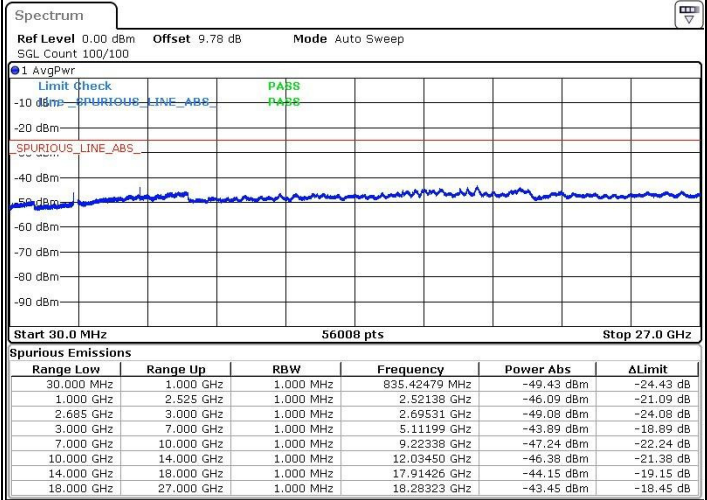
LTE Band 41 / 15MHz

Lowest Channel / QPSK



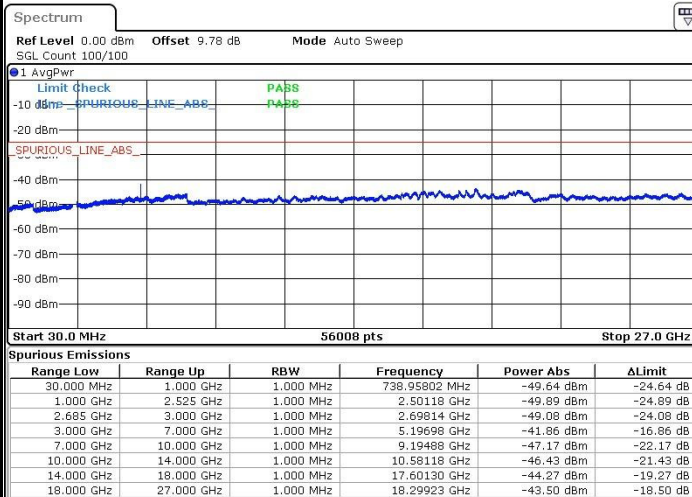
Date: 16 JUN 2016 14:15:29

Lowest Channel / 16QAM



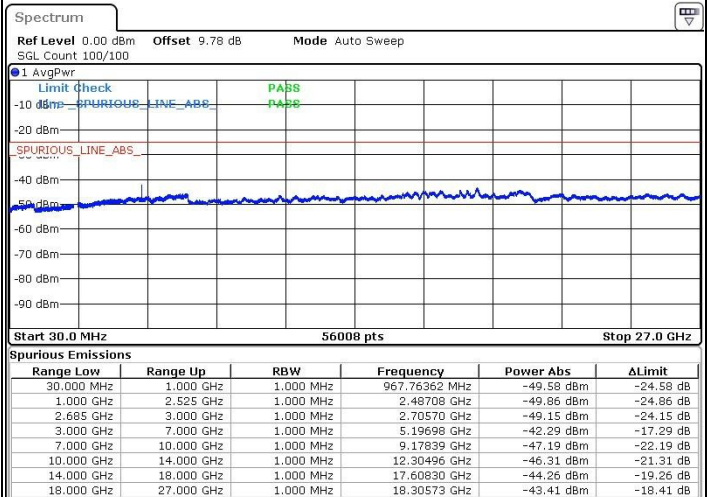
Date: 16 JUN 2016 14:16:21

Middle Channel / QPSK



Date: 16 JUN 2016 14:17:16

Middle Channel / 16QAM

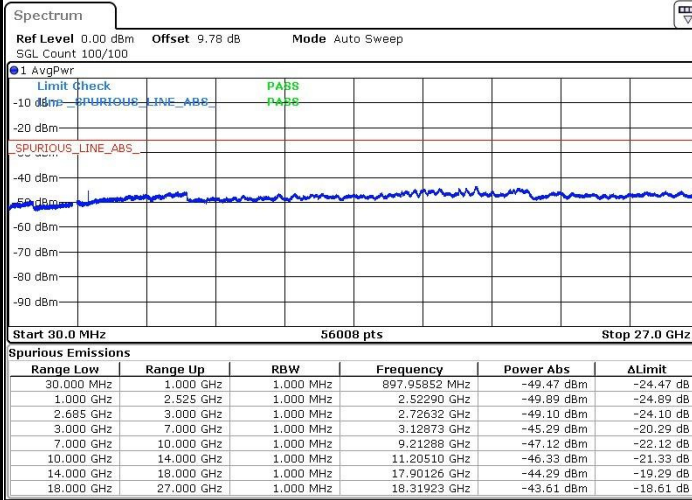


Date: 16 JUN 2016 14:18:18



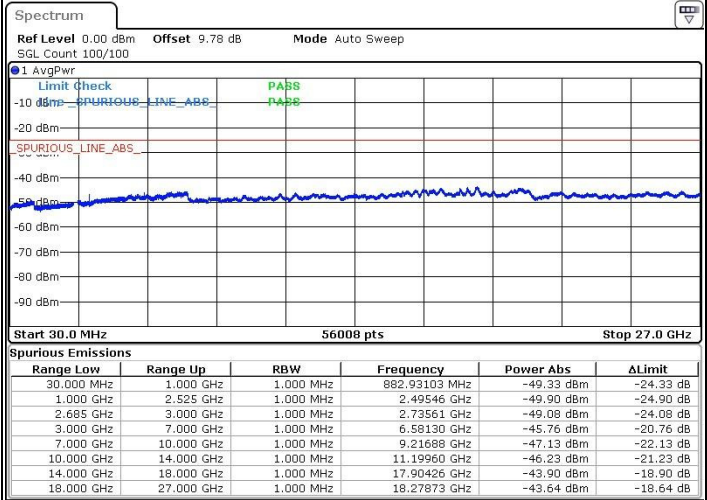
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 16 JUN 2016 14:19:15

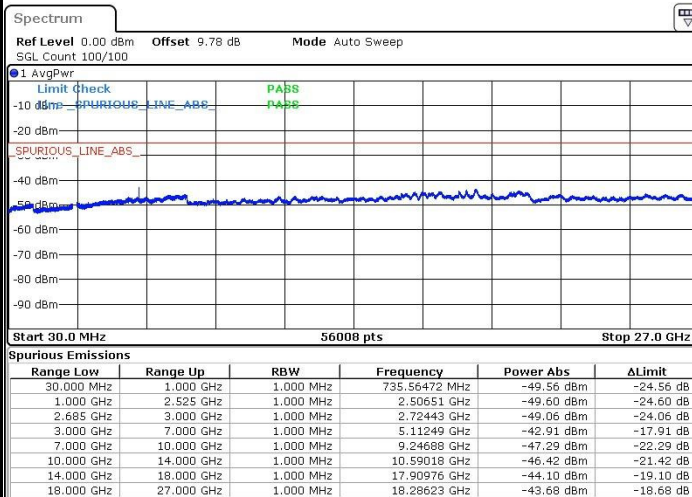
Highest Channel / 16QAM



Date: 16 JUN 2016 14:20:11

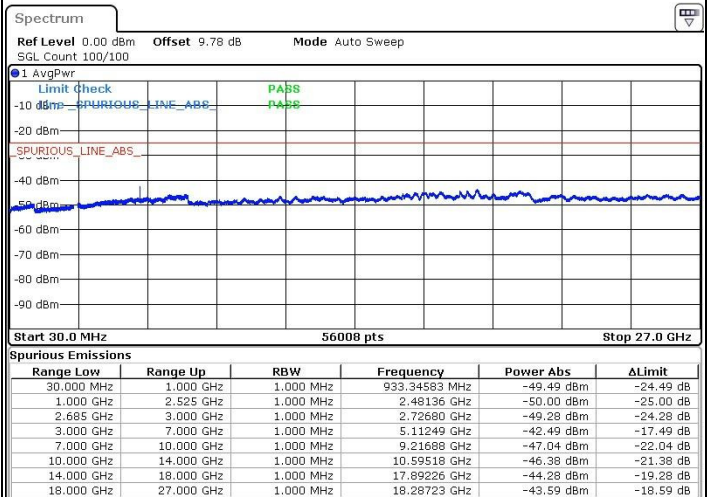
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 16 JUN 2016 14:41:22

Lowest Channel / 16QAM

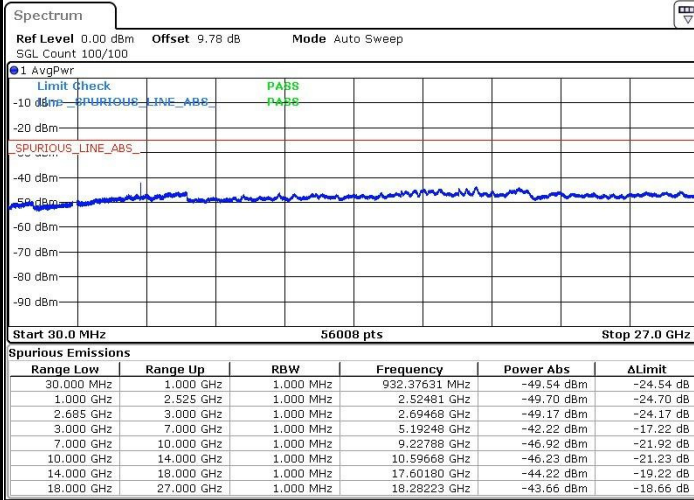


Date: 16 JUN 2016 14:42:13



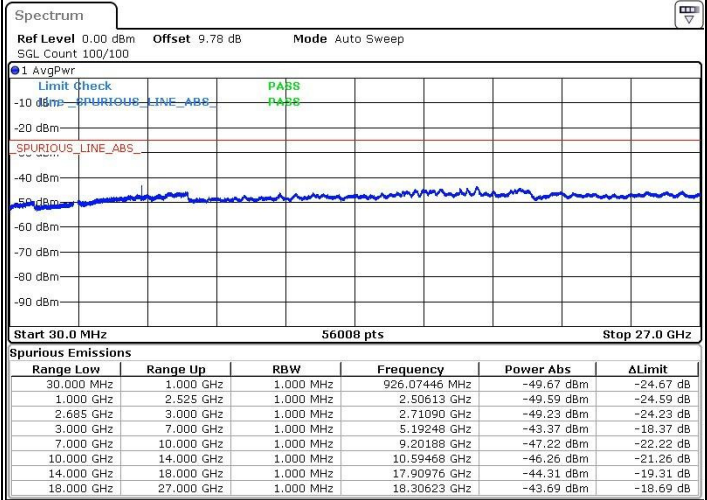
LTE Band 41 / 20MHz

Middle Channel / QPSK



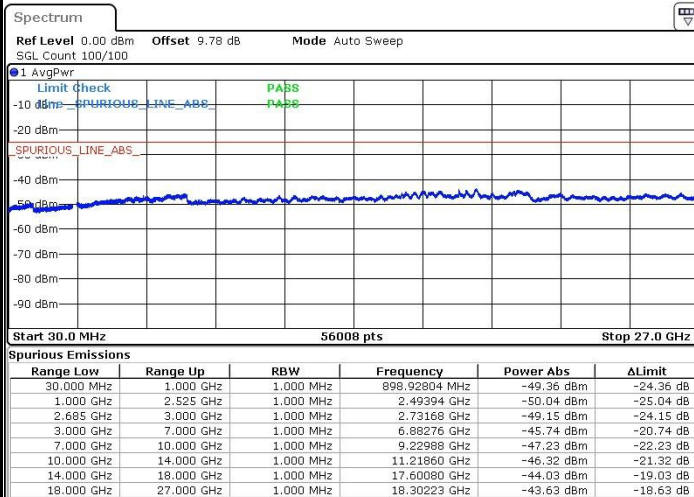
Date: 16 JUN 2016 14:43:56

Middle Channel / 16QAM



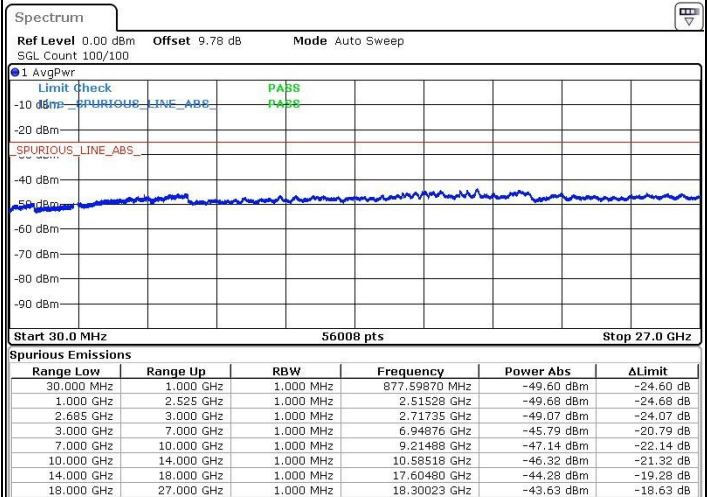
Date: 16 JUN 2016 14:43:04

Highest Channel / QPSK



Date: 16 JUN 2016 14:44:49

Highest Channel / 16QAM



Date: 16 JUN 2016 14:45:42

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	0.0012	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.4V
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	0.0052	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55 V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.55V. ; Maximum Voltage =4.4V
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

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	1	24.77	0.3000	24.39	0.2745
Middle		3	1	25.49	0.3540	25.32	0.3404
Highest		3	0	25.85	0.3845	26.14	0.4114
Lowest	16QAM	3	3	23.89	0.2447	23.47	0.2224
Middle		3	3	24.71	0.2959	24.53	0.2837
Highest		3	1	24.67	0.2933	24.96	0.3131
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	8	24.82	0.3035	24.38	0.2742
Middle		1	8	25.52	0.3566	25.36	0.3435
Highest		1	0	25.78	0.3781	26.07	0.4048
Lowest	16QAM	1	8	23.33	0.2152	22.89	0.1943
Middle		1	8	24.18	0.2619	24.23	0.2651
Highest		1	0	24.54	0.2846	24.85	0.3058
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	24.88	0.3073	24.45	0.2788
Middle		1	12	25.23	0.3336	25.46	0.3518
Highest		1	12	25.64	0.3662	26.00	0.3979
Lowest	16QAM	1	12	23.13	0.2055	22.67	0.1850
Middle		1	12	24.07	0.2551	23.87	0.2437
Highest		1	0	23.95	0.2482	24.30	0.2694
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	24.69	0.2947	24.32	0.2707
Middle		1	25	25.15	0.3276	25.05	0.3196
Highest		1	25	25.35	0.3426	25.61	0.3643
Lowest	16QAM	1	25	23.58	0.2280	23.11	0.2047
Middle		1	49	23.52	0.2248	23.55	0.2263
Highest		1	0	24.00	0.2514	24.25	0.2658
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	0	24.37	0.2735	23.96	0.2488
Middle		1	37	25.31	0.3394	25.22	0.3329
Highest		1	37	25.28	0.3369	25.53	0.3572
Lowest	16QAM	1	0	23.06	0.2024	22.57	0.1806
Middle		1	37	23.64	0.2313	23.57	0.2273
Highest		1	37	23.64	0.2310	23.91	0.2458
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	24.97	0.3139	24.27	0.2674
Middle		1	49	25.13	0.3255	25.03	0.3188
Highest		1	49	25.21	0.3319	25.45	0.3511
Lowest	16QAM	1	0	23.19	0.2085	22.58	0.1811
Middle		1	99	24.11	0.2578	24.26	0.2666
Highest		1	0	24.02	0.2524	24.16	0.2607
Limit	EIRP < 2W			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	26.27	0.4239	26.85	0.4838
Middle		1	12	26.53	0.4498	26.63	0.4604
Highest		1	12	26.98	0.4987	26.84	0.4835
Lowest	16QAM	1	12	24.99	0.3158	25.19	0.3300
Middle		1	12	24.87	0.3066	24.99	0.3154
Highest		1	12	25.39	0.3461	25.20	0.3312
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	26.55	0.4523	26.83	0.4822
Middle		1	25	26.53	0.4497	26.66	0.4640
Highest		1	25	27.22	0.5267	26.97	0.4972
Lowest	16QAM	1	25	25.38	0.3451	25.57	0.3608
Middle		1	25	25.02	0.3174	25.08	0.3220
Highest		1	0	25.13	0.3255	25.14	0.3267
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	26.66	0.4636	26.92	0.4918
Middle		1	37	26.38	0.4346	26.74	0.4724
Highest		1	37	27.00	0.5015	26.79	0.4778
Lowest	16QAM	1	74	25.02	0.3175	25.23	0.3332
Middle		1	0	24.85	0.3058	25.06	0.3207
Highest		1	37	25.43	0.3490	25.33	0.3414
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	26.54	0.4505	26.84	0.4830
Middle		1	49	26.50	0.4463	26.64	0.4611
Highest		1	49	26.85	0.4841	26.88	0.4874
Lowest	16QAM	1	49	25.04	0.3189	25.35	0.3426
Middle		1	49	24.75	0.2989	24.91	0.3100
Highest		1	49	25.29	0.3382	25.32	0.3406
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	26.55	0.4522	26.27	0.4233
Middle		1	12	26.26	0.4225	26.21	0.4179
Highest		1	12	25.88	0.3870	25.91	0.3898
Lowest	16QAM	1	12	25.12	0.3248	25.06	0.3206
Middle		1	12	24.74	0.2976	24.63	0.2903
Highest		1	12	24.18	0.2619	24.24	0.2657
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	26.35	0.4317	26.17	0.4143
Middle		1	25	25.89	0.3883	25.80	0.3798
Highest		1	25	25.77	0.3775	26.15	0.4123
Lowest	16QAM	1	0	25.08	0.3224	24.86	0.3061
Middle		1	25	24.92	0.3103	24.73	0.2970
Highest		1	25	25.82	0.3818	25.88	0.3872
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	26.33	0.4291	26.32	0.4283
Middle		1	0	25.81	0.3813	25.89	0.3884
Highest		1	37	25.92	0.3913	26.01	0.3986
Lowest	16QAM	1	37	24.81	0.3026	24.77	0.3001
Middle		1	37	24.69	0.2946	24.68	0.2939
Highest		1	37	24.33	0.2711	24.41	0.2758
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	26.20	0.4167	26.15	0.4119
Middle		1	49	26.11	0.4084	26.23	0.4200
Highest		1	49	25.78	0.3786	25.87	0.3862
Lowest	16QAM	1	49	24.84	0.3048	24.89	0.3081
Middle		1	49	24.65	0.2915	24.79	0.3010
Highest		1	49	24.58	0.2872	24.66	0.2923
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	25.77	0.3779	26.61	0.4576
Middle		1	12	25.66	0.3682	26.27	0.4237
Highest		1	12	25.23	0.3335	24.82	0.3032
Lowest	16QAM	1	12	24.12	0.2579	24.94	0.3119
Middle		1	12	24.24	0.2657	24.68	0.2935
Highest		1	12	24.17	0.2613	23.84	0.2421
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	25.55	0.3589	25.85	0.3849
Middle		1	49	25.56	0.3594	26.02	0.3999
Highest		1	0	25.68	0.3697	25.48	0.3533
Lowest	16QAM	1	25	24.26	0.2668	25.13	0.3257
Middle		1	25	24.51	0.2826	24.93	0.3113
Highest		1	25	24.82	0.3036	24.41	0.2761
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.64	0.3667	26.09	0.4063
Middle		1	37	25.76	0.3769	26.08	0.4053
Highest		1	37	25.50	0.3548	25.79	0.3792
Lowest	16QAM	1	37	23.26	0.2116	24.75	0.2986
Middle		1	37	24.10	0.2569	24.46	0.2790
Highest		1	37	24.25	0.2659	24.41	0.2762
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	25.60	0.3630	25.89	0.3881
Middle		1	49	25.72	0.3729	26.17	0.4137
Highest		1	49	25.48	0.3532	25.67	0.3687
Lowest	16QAM	1	49	24.49	0.2812	24.85	0.3053
Middle		1	49	24.07	0.2555	24.61	0.2890
Highest		1	49	24.23	0.2647	24.40	0.2755
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

For USB cable 1, 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	-52.28	-13	-39.28	-66.48	-56.88	3	7.60	H
	5637	-49.52	-13	-36.52	-63.31	-55.78	3.84	10.10	H
	7518	-44.86	-13	-31.86	-64.64	-52.36	4.43	11.93	H
	3759	-53.72	-13	-40.72	-66.21	-58.32	3	7.60	V
	5637	-50.26	-13	-37.26	-62.67	-56.52	3.84	10.10	V
	7518	-46.24	-13	-33.24	-64.03	-53.74	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	-52.22	-13	-39.22	-66.42	-56.82	3	7.60	H
	5637	-49.30	-13	-36.30	-63.09	-55.56	3.84	10.10	H
	7515	-44.12	-13	-31.12	-63.90	-51.62	4.43	11.93	H
	3756	-53.78	-13	-40.78	-66.27	-58.38	3	7.60	V
	5637	-50.50	-13	-37.50	-62.91	-56.76	3.84	10.10	V
	7515	-45.69	-13	-32.69	-63.48	-53.19	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	-52.79	-13	-39.79	-66.99	-57.39	3	7.60	H
	5634	-48.57	-13	-35.57	-62.36	-54.83	3.84	10.10	H
	7512	-42.91	-13	-29.91	-62.69	-50.41	4.43	11.93	H
	3756	-54.47	-13	-41.47	-66.96	-59.07	3	7.60	V
	5634	-49.43	-13	-36.43	-61.84	-55.69	3.84	10.10	V
	7512	-46.22	-13	-33.22	-64.01	-53.72	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	-51.76	-13	-38.76	-65.96	-56.36	3	7.60	H
	5628	-47.98	-13	-34.98	-61.77	-54.24	3.84	10.10	H
	7503	-44.28	-13	-31.28	-64.06	-51.78	4.43	11.93	H
	3750	-52.11	-13	-39.11	-64.6	-56.71	3	7.60	V
	5628	-48.41	-13	-35.41	-60.82	-54.67	3.84	10.10	V
	7503	-47.26	-13	-34.26	-65.05	-54.76	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	-50.96	-13	-37.96	-65.16	-55.56	3	7.60	H
	5619	-49.44	-13	-36.44	-63.23	-55.70	3.84	10.10	H
	7494	-44.55	-13	-31.55	-64.33	-52.05	4.43	11.93	H
	3747	-53.44	-13	-40.44	-65.93	-58.04	3	7.60	V
	5619	-50.19	-13	-37.19	-62.6	-56.45	3.84	10.10	V
	7494	-46.24	-13	-33.24	-64.03	-53.74	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	-51.37	-13	-38.37	-65.57	-55.97	3	7.60	H
	5613	-48.87	-13	-35.87	-62.66	-55.13	3.84	10.10	H
	7485	-43.41	-13	-30.41	-63.19	-50.91	4.43	11.93	H
	3741	-53.82	-13	-40.82	-66.31	-58.42	3	7.60	V
	5613	-50.36	-13	-37.36	-62.77	-56.62	3.84	10.10	V
	7485	-45.70	-13	-32.70	-63.49	-53.20	4.43	11.93	V

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

**For USB Cable 2, Battery 2:**

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	-51.23	-13	-38.23	-65.43	-55.83	3	7.60	H
	5633.52	-47.64	-13	-34.64	-61.43	-53.90	3.84	10.10	H
	7512	-42.31	-13	-29.31	-62.09	-49.81	4.43	11.93	H
	3756	-52.75	-13	-39.75	-65.24	-57.35	3	7.60	V
	5633.52	-49.16	-13	-36.16	-61.57	-55.42	3.84	10.10	V
	7512	-45.78	-13	-32.78	-63.57	-53.28	4.43	11.93	V

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



For USB Cable 1, Battery 1:

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	-49.44	-25	-24.44	-63.42	-55.22	3.49	9.27	H
	7598	-32.82	-25	-7.82	-54.30	-40.61	4.28	12.07	H
	10132	-44.80	-25	-19.80	-66.19	-52.10	5.1	12.40	H
	5065.68	-48.99	-25	-23.99	-63.15	-54.77	3.49	9.27	V
	7598	-44.55	-25	-19.55	-61.57	-52.34	4.28	12.07	V
	10132	-44.93	-25	-19.93	-66.03	-52.23	5.1	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	-49.25	-25	-24.25	-63.23	-55.03	3.49	9.27	H
	7592	-30.91	-25	-5.91	-52.91	-38.70	4.28	12.07	H
	10124	-43.83	-25	-18.83	-65.22	-51.13	5.1	12.40	H
	5060	-49.14	-25	-24.14	-63.3	-54.92	3.49	9.27	V
	7591.77	-44.95	-25	-19.95	-61.97	-52.74	4.28	12.07	V
	10124	-44.74	-25	-19.74	-65.84	-52.04	5.1	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	5056.68	-49.67	-25	-24.67	-63.65	-55.45	3.49	9.27	H
	7586	-37.57	-25	-12.57	-56.52	-45.36	4.28	12.07	H
	10112	-43.32	-25	-18.32	-64.71	-50.62	5.1	12.40	H
	5056.68	-50.09	-25	-25.09	-64.25	-55.87	3.49	9.27	V
	7586	-44.29	-25	-19.29	-61.31	-52.08	4.28	12.07	V
	10112	-45.87	-25	-20.87	-66.97	-53.17	5.1	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	5052.18	-48.70	-25	-23.70	-62.68	-54.48	3.49	9.27	H
	7580	-35.68	-25	-10.68	-55.52	-43.47	4.28	12.07	H
	10104	-45.11	-25	-20.11	-66.50	-52.41	5.1	12.40	H
	5052.18	-48.59	-25	-23.59	-62.75	-54.37	3.49	9.27	V
	7577	-43.74	-25	-18.74	-60.76	-51.53	4.28	12.07	V
	10104	-45.07	-25	-20.07	-66.17	-52.37	5.1	12.40	V

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

For USB Cable 2, Battery 2:

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	-37.24	-25	-12.24	-56.23	-45.03	4.28	12.07	H
	10124	-43.71	-25	-18.71	-65.10	-51.01	5.1	12.40	H
	5061.18	-49.21	-25	-24.21	-63.37	-54.99	3.49	9.27	V
	7592	-46.32	-25	-21.32	-63.34	-54.11	4.28	12.07	V
	10124	-46.05	-25	-21.05	-67.15	-53.35	5.1	12.40	V

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



For USB Cable 1, Battery 1:

LTE Band 38 / 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	5186	-49.57	-25	-24.57	-63.55	-55.35	3.49	9.27	H
	7778	-27.44	-25	-2.44	-50.37	-35.23	4.28	12.07	H
	10372	-43.92	-25	-18.92	-65.31	-51.22	5.1	12.40	H
	5185.68	-49.89	-25	-24.89	-64.05	-55.67	3.49	9.27	V
	7778	-45.31	-25	-20.31	-62.33	-53.10	4.28	12.07	V
	10372	-44.97	-25	-19.97	-66.07	-52.27	5.1	12.40	V

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

LTE Band 38 / 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	5180	-48.47	-25	-23.47	-62.45	-54.25	3.49	9.27	H
	7772	-25.60	-25	-0.60	-48.83	-33.39	4.28	12.07	H
	10364	-41.74	-25	-16.74	-63.13	-49.04	5.1	12.40	H
	5181.18	-49.46	-25	-24.46	-63.62	-55.24	3.49	9.27	V
	7772	-42.38	-25	-17.38	-59.4	-50.17	4.28	12.07	V
	10364	-42.70	-25	-17.70	-63.8	-50.00	5.1	12.40	V

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

LTE Band 38 / 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	5176.68	-49.70	-25	-24.70	-63.68	-55.48	3.49	9.27	H
	7766	-27.56	-25	-2.56	-50.47	-35.35	4.28	12.07	H
	10352	-44.18	-25	-19.18	-65.57	-51.48	5.1	12.40	H
	5176.68	-48.74	-25	-23.74	-62.9	-54.52	3.49	9.27	V
	7766	-43.94	-25	-18.94	-60.96	-51.73	4.28	12.07	V
	10352	-44.56	-25	-19.56	-65.66	-51.86	5.1	12.40	V

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



LTE Band 38 / 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	5171	-50.26	-25	-25.26	-64.24	-56.04	3.49	9.27	H
	7760	-27.87	-25	-2.87	-50.72	-35.66	4.28	12.07	H
	10344	-43.13	-25	-18.13	-64.52	-50.43	5.1	12.40	H
	5171	-49.91	-25	-24.91	-64.07	-55.69	3.49	9.27	V
	7757	-44.63	-25	-19.63	-61.65	-52.42	4.28	12.07	V
	10344	-44.12	-25	-19.12	-65.22	-51.42	5.1	12.40	V

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

For USB Cable 2, Battery 2:

LTE Band 38 / 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	5181.18	-49.08	-25	-24.08	-63.06	-54.86	3.49	9.27	H
	7772	-29.87	-25	-4.87	-52.07	-37.66	4.28	12.07	H
	10364	-44.02	-25	-19.02	-65.41	-51.32	5.1	12.40	H
	5180	-49.84	-25	-24.84	-64	-55.62	3.49	9.27	V
	7771.77	-43.70	-25	-18.70	-60.72	-51.49	4.28	12.07	V
	10364	-44.06	-25	-19.06	-65.16	-51.36	5.1	12.40	V

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



For Battery 1:

LTE Band 41 / 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	5205.68	-48.36	-25	-23.36	-62.34	-54.14	3.49	9.27	H
	7808	-33.19	-25	-8.19	-54.49	-40.98	4.28	12.07	H
	10413	-44.22	-25	-19.22	-65.61	-51.52	5.10	12.40	H
	5208	-48.49	-25	-23.49	-62.65	-54.27	3.49	9.27	V
	7808.52	-45.29	-25	-20.29	-62.31	-53.08	4.28	12.07	V
	10413	-44.28	-25	-19.28	-65.38	-51.58	5.10	12.40	V

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

LTE Band 41 / 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	5201.18	-49.22	-25	-24.22	-63.20	-55.00	3.49	9.27	H
	7800	-31.00	-25	-6.00	-52.98	-38.79	4.28	12.07	H
	10404	-43.62	-25	-18.62	-65.01	-50.92	5.10	12.40	H
	5200	-49.24	-25	-24.24	-63.4	-55.02	3.49	9.27	V
	7801.77	-44.74	-25	-19.74	-61.76	-52.53	4.28	12.07	V
	10404	-44.09	-25	-19.09	-65.19	-51.39	5.10	12.40	V

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

LTE Band 41 / 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	5200	-48.44	-25	-23.44	-62.42	-54.22	3.49	9.27	H
	7792	-31.66	-25	-6.66	-53.52	-39.45	4.28	12.07	H
	10395	-43.11	-25	-18.11	-64.50	-50.41	5.10	12.40	H
	5200	-48.40	-25	-23.40	-62.56	-54.18	3.49	9.27	V
	7795.02	-44.54	-25	-19.54	-61.56	-52.33	4.28	12.07	V
	10395	-44.60	-25	-19.60	-65.7	-51.90	5.10	12.40	V

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



LTE Band 41 / 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	5192.18	-49.74	-25	-24.74	-63.72	-55.52	3.49	9.27	H
	7784	-30.75	-25	-5.75	-52.78	-38.54	4.28	12.07	H
	10386	-43.69	-25	-18.69	-65.08	-50.99	5.10	12.40	H
	5192	-48.39	-25	-23.39	-62.55	-54.17	3.49	9.27	V
	7788.27	-44.83	-25	-19.83	-61.85	-52.62	4.28	12.07	V
	10386	-44.63	-25	-19.63	-65.73	-51.93	5.10	12.40	V

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

For Battery 2:

LTE Band 41 / 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	5192	-50.37	-25	-25.37	-64.35	-56.15	3.49	9.27	H
	7784	-30.20	-25	-5.20	-52.33	-37.99	4.28	12.07	H
	10386	-43.60	-25	-18.60	-64.99	-50.90	5.10	12.40	H
	5192	-49.15	-25	-24.15	-63.31	-54.93	3.49	9.27	V
	7792	-44.40	-25	-19.40	-61.42	-52.19	4.28	12.07	V
	10386	-43.37	-25	-18.37	-64.47	-50.67	5.10	12.40	V

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