

Appendix V: RADIATED SPURIOUS EMISSIONS MEASUREMENT

Part I: Test result

The Worst Test Result For GSM 850, CH 128(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.77	-13	Pass	H
1649.52	-21.97			
2474.15	-19.66			
42.61	-61.70	-13	Pass	V
1649.52	-24.98			
2474.15	-20.21			

The Worst Test Result For GSM 850, CH 190(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.34	-13	Pass	H
1673.23	-21.91	-13		
2510.87	-19.70	-13		
42.61	-62.00	-13	Pass	V
1673.23	-24.79	-13		
2510.87	-20.59	-13		

The Worst Test Result For GSM 850, CH 251(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.31	-13	Pass	H
1697.52	-21.62	-13		
2546.41	-20.00	-13		
42.61	-61.57	-13	Pass	V
1697.52	-24.74	-13		
2546.41	-20.62	-13		

The Worst Test Result For GSM 850 EGPRS, CH 128(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.32	-13	Pass	H
1649.52	-24.92			
2474.15	-22.28			
42.61	-61.50	-13	Pass	V
1649.52	-25.41			
2474.15	-23.65			

The Worst Test Result For GSM 850 EGPRS, CH 190(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.31	-13	Pass	H
1673.23	-24.87	-13		
2510.87	-22.81	-13		
42.61	-61.39	-13	Pass	V
1673.23	-25.42	-13		
2510.87	-23.93	-13		

The Worst Test Result For GSM 850 EGPRS, CH 251(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.68	-13	Pass	H
1697.52	-25.06	-13		
2546.41	-22.58	-13		
42.61	-61.21	-13	Pass	V
1697.52	-25.90	-13		
2546.41	-23.70	-13		

The Worst Test Result For PCS 1900, CH 512(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.34	-13	Pass	H
3700.49	-22.61	-13		
5550.41	-21.98	-13		
42.61	-61.25	-13	Pass	V
3700.49	-25.82	-13		
5550.41	-22.70	-13		

The Worst Test Result For PCS 1900, CH 661(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.61	-13	Pass	H
3760.28	-22.75	-13		
5640.75	-21.88	-13		
42.61	-61.47	-13	Pass	V
3760.28	-25.64	-13		
5640.75	-22.23	-13		

The Worst Test Result For PCS 1900, CH 810(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.61	-13	Pass	H
3819.85	-23.07	-13		
5728.93	-21.84	-13		
42.61	-61.45	-13	Pass	V
3819.85	-25.74	-13		
5728.93	-22.98	-13		

The Worst Test Result For PCS 1900 EGPRS, CH 512(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.34	-13	Pass	H
3700.49	-23.67	-13		
5550.41	-22.51	-13		
42.61	-61.41	-13	Pass	V
3700.49	-26.93	-13		
5550.41	-24.23	-13		

The Worst Test Result For PCS 1900 EGPRS, CH 661(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.23	-13	Pass	H
3760.28	-23.33	-13		
5640.75	-22.63	-13		
42.61	-61.98	-13	Pass	V
3760.28	-26.58	-13		
5640.75	-24.21	-13		

The Worst Test Result For PCS 1900 EGPRS, CH 810(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.64	-13	Pass	H
3819.85	-24.07	-13		
5728.93	-22.88	-13		
42.61	-61.37	-13	Pass	V
3819.85	-26.94	-13		
5728.93	-24.49	-13		

The Worst Test Result For UMTS 850, CH 4132, 12.2K RMC(30MHz~10GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.63	-13	Pass	H
1652.38	-25.00			
2480.14	-22.28			
42.61	-61.33	-13	Pass	V
1652.38	-25.66			
2480.14	-23.24			

The Worst Test Result For UMTS 850, CH 4180, 12.2K RMC(30MHz~10GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.59	-13	Pass	H
1672.58	-25.00			
2508.11	-22.78			
42.61	-61.35	-13	Pass	V
1672.58	-25.99			
2508.11	-23.48			

The Worst Test Result For UMTS 850, CH 4233, 12.2K RMC(30MHz~10GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.71	-13	Pass	H
1694.25	-24.24			
2540.86	-22.73			
42.61	-61.45	-13	Pass	V
1694.25	-25.73			
2540.86	-23.62			

The Worst Test Result For UMTS 1900, CH 9262, 12.2K RMC(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.35	-13	Pass	H
3704.85	-23.63	-13		
5557.28	-22.97	-13		
42.61	-61.82	-13	Pass	V
3704.85	-26.48	-13		
5557.28	-24.24	-13		

The Worst Test Result For UMTS 1900, CH 9400, 12.2K RMC(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-68.08	-13	Pass	H
3760.58	-23.64	-13		
5640.89	-22.70	-13		
42.61	-61.28	-13	Pass	V
3760.58	-26.44	-13		
5640.89	-24.82	-13		

The Worst Test Result For UMTS 1900, CH 9538, 12.2K RMC(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.75	-13	Pass	H
3815.24	-23.33	-13		
5722.41	-22.97	-13		
42.61	-61.54	-13	Pass	V
3815.24	-26.73	-13		
5722.41	-24.37	-13		

The Worst Test Result For LTE Band II, LCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.99	-13	Pass	H
3701.69	-26.77	-13		
5552.36	-25.20	-13		
42.61	-61.62	-13	Pass	V
3701.69	-28.99	-13		
5552.36	-27.55	-13		

The Worst Test Result For LTE Band II, MCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.73	-13	Pass	H
3760.58	-26.29	-13		
5640.89	-25.44	-13		
42.61	-61.75	-13	Pass	V
3760.58	-28.69	-13		
5640.89	-27.63	-13		

The Worst Test Result For LTE Band II, HCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.29	-13	Pass	H
3818.96	-26.92	-13		
5727.84	-25.75	-13		
42.61	-61.23	-13	Pass	V
3818.96	-28.95	-13		
5727.84	-27.22	-13		

The Worst Test Result For LTE Band II, LCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.52	-13	Pass	H
3705.51	-26.19	-13		
5557.83	-25.36	-13		
42.61	-61.46	-13	Pass	V
3705.51	-28.93	-13		
5557.83	-27.90	-13		

The Worst Test Result For LTE Band II, MCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.25	-13	Pass	H
3760.58	-26.34	-13		
5640.89	-25.93	-13		
42.61	-62.07	-13	Pass	V
3760.58	-28.75	-13		
5640.89	-27.63	-13		

The Worst Test Result For LTE Band II, HCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.47	-13	Pass	H
3815.69	-26.25	-13		
5722.24	-25.60	-13		
42.61	-61.95	-13	Pass	V
3815.69	-28.84	-13		
5722.24	-27.39	-13		

The Worst Test Result For LTE Band II, LCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.62	-13	Pass	H
3720.36	-27.05	-13		
5580.41	-25.24	-13		
42.61	-61.34	-13	Pass	V
3720.36	-29.08	-13		
5580.41	-26.67	-13		

The Worst Test Result For LTE Band II, MCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.27	-13	Pass	H
3760.58	-26.45	-13		
5640.89	-26.00	-13		
42.61	-61.68	-13	Pass	V
3760.58	-28.68	-13		
5640.89	-26.24	-13		

The Worst Test Result For LTE Band II, HCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.92	-13	Pass	H
3800.49	-26.62	-13		
5700.38	-25.95	-13		
42.61	-61.54	-13	Pass	V
3800.49	-28.36	-13		
5700.38	-26.43	-13		

The Worst Test Result For LTE Band IV, LCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.88	-13	Pass	H
3421.31	-26.52	-13		
5132.98	-25.22	-13		
42.61	-61.59	-13	Pass	V
3421.31	-28.90	-13		
5132.98	-26.89	-13		

The Worst Test Result For LTE Band IV, MCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.64	-13	Pass	H
3465.16	-27.00	-13		
5197.31	-25.47	-13		
42.61	-61.28	-13	Pass	V
3465.16	-28.97	-13		
5197.31	-26.89	-13		

The Worst Test Result For LTE Band IV, HCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-68.00	-13	Pass	H
3508.45	-26.88	-13		
5262.76	-25.63	-13		
42.61	-61.99	-13	Pass	V
3508.45	-28.48	-13		
5262.76	-26.52	-13		

The Worst Test Result For LTE Band IV, LCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.33	-13	Pass	H
3425.68	-26.94	-13		
5137.82	-25.41	-13		
42.61	-61.54	-13	Pass	V
3425.68	-28.93	-13		
5137.82	-26.32	-13		

The Worst Test Result For LTE Band IV, MCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.89	-13	Pass	H
3465.16	-26.37	-13		
5197.31	-25.91	-13		
42.61	-61.43	-13	Pass	V
3465.16	-28.60	-13		
5197.31	-26.21	-13		

The Worst Test Result For LTE Band IV, HCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.80	-13	Pass	H
3451.25	-26.21	-13		
5176.87	-25.32	-13		
42.61	-61.58	-13	Pass	V
3451.25	-28.46	-13		
5176.87	-26.23	-13		

The Worst Test Result For LTE Band IV, LCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-68.08	-13	Pass	H
3440.39	-26.21	-13		
5160.37	-25.39	-13		
42.61	-61.63	-13	Pass	V
3440.39	-28.88	-13		
5160.37	-26.74	-13		

The Worst Test Result For LTE Band IV, MCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.33	-13	Pass	H
3465.16	-26.96	-13		
5197.31	-26.04	-13		
42.61	-61.57	-13	Pass	V
3465.16	-28.21	-13		
5197.31	-26.59	-13		

The Worst Test Result For LTE Band IV, HCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.46	-13	Pass	H
3490.85	-26.63	-13		
5235.14	-25.97	-13		
42.61	-61.33	-13	Pass	V
3490.85	-28.60	-13		
5235.14	-26.96	-13		

NOTE: The result below 30MHz is too low, there is only base environmental noise. We Only record the worst results above 30MHz.