

Spurious Emissions Attenuation Measured by Substitution Method

Company: Wireless Link Inc EUT: Dual band Cell Phone Model: TDM-3010

AMPS Mode

Frequency	Field from EUT	Signal Generator Level required to generate same field as EUT; dBm	ERP	Attenuation	Limit	Margin
MHz	dBuV/m		dBm	dBm	dB	
824.04	127.6		25	-		
1648.08	64.0	-45.90	-41.0	66.0	36.98	29.0
2472.12	49.9	-53.60	-48.10	73.10	36.98	36.1
3296.16	35.0	-69.00	-63.00	88.00	36.98	40.8
4120.20	36.8	-67.30	-61.30	86.30	36.98	49.4
4944.24	36.5	-67.70	-61.10	86.10	36.98	49.2
5768.28	40.1	-66.40	-59.80	84.80	36.98	47.9
6592.32	49.4	-55.70	-47.80	72.80	36.98	35.9
7416.36	50.4	-54.30	-46.50	71.50	36.98	34.6
8240.40	50.7	-54.50	-45.60	70.60	36.98	33.7

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836.55	128.5		25	-		
1673.10	69.9	-39.40	-34.5	59.5	36.98	22.6
2509.65	45.3	-62.20	-56.70	81.70	36.98	44.8
3346.20	36.9	-67.80	-61.80	86.80	36.98	49.9
4182.75	38.4	-65.40	-59.40	84.40	36.98	47.5
5019.30	38.9	-66.40	-59.80	84.80	36.98	47.8
5855.85	47.4	-58.10	-51.50	76.50	36.98	39.5
6692.40	49.9	-55.90	-48.00	73.00	36.98	36.1
7528.95	50.7	-53.70	-45.90	70.90	36.98	34.0
8365.50	52.3	-54.50	-45.60	70.60	36.98	33.7

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848.97	126.9		25	-		
1697.94	66.2	-44.30	-39.4	64.4	36.98	27.5
2546.91	39.5	-63.60	-58.10	83.10	36.98	46.2
3395.88	33.3	-73.10	-67.10	92.10	36.98	55.2
4244.85	36.9	-72.10	-66.10	91.10	36.98	54.2
5093.82	38.3	-67.20	-60.60	85.60	36.98	48.7
5942.79	48.0	-58.80	-52.20	77.20	36.98	40.3
6791.76	48.4	-57.70	-49.80	74.80	36.98	37.9
7640.73	51.0	-55.60	-47.80	72.80	36.98	35.9
8489.70	53.9	-53.70	-44.80	69.80	36.98	32.9

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PCS Band TDMA Mode

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MHz	dBuV/m		dBm	dBm	dB	
1850.04	125.3		27.9	-		
3700.08	78.4	-28.20	-23.3	51.2	40.78	10.4
5550.12	42.4	-63.90	-58.40	86.30	40.78	45.5
7400.16	53.5	-52.00	-46.00	73.90	40.78	33.1
9250.20	60.6	-46.20	-40.20	68.10	40.78	27.3
11100.24	57.7	-47.60	-41.00	68.90	40.78	28.1
12950.28	49.0	-54.80	-48.20	76.10	40.78	35.3
14800.32	52.3	-52.10	-44.20	72.10	40.78	31.3
16650.36	50.3	-49.10	-41.30	69.20	40.78	28.4
18500.40	54.4	-45.10	-36.20	64.10	40.78	23.3

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MHz	dBuV/m		dBm	dBm	dB	
1878.98	120.6		25.2	-		
3757.96	68.8	-37.80	-32.9	58.1	40.78	17.3
5636.94	40.1	-66.20	-60.70	85.90	40.78	45.1
7515.92	54.5	-51.00	-45.00	70.20	40.78	29.4
9394.90	63.4	-43.40	-37.40	62.60	40.78	21.8
11273.88	53.3	-52.00	-45.40	70.60	40.78	29.8
13152.86	47.4	-56.40	-49.80	75.00	40.78	34.2
15031.84	53.2	-51.20	-43.30	68.50	40.78	27.7
16910.82	49.9	-49.50	-41.70	66.90	40.78	26.1
18789.80	57.5	-42.00	-33.10	58.30	40.78	17.5

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MHz	dBuV/m		dBm	dBm	dB	
1909.97	116.2		23.5	-		
3819.94	62.6	-44.00	-39.1	62.6	40.78	21.8
5729.91	40.2	-66.10	-60.60	84.10	40.78	43.3
7639.88	56.5	-49.00	-43.00	66.50	40.78	25.7
9549.85	70.9	-35.90	-29.90	53.40	40.78	12.6
11459.82	61.5	-43.80	-37.20	60.70	40.78	19.9
13369.79	47.8	-56.00	-49.40	72.90	40.78	32.1
15279.76	53.7	-50.70	-42.80	66.30	40.78	25.5
17189.73	52.8	-46.60	-38.80	62.30	40.78	21.5
19099.70	57.8	-41.70	-32.80	56.30	40.78	15.5