

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 PCS1900

Band: PCS1900								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	GSM	GSM	1850.2	28.66	4.20	32.86	<=33.01	Pass
			1880	28.58	4.20	32.78	<=33.01	Pass
			1909.8	28.67	4.20	32.87	<=33.01	Pass
	GPRS	1 TX Slot	1850.2	28.47	4.20	32.67	<=33.01	Pass
		2 TX Slots	1850.2	28.14	4.20	32.34	<=33.01	Pass
		3 TX Slots	1850.2	26.43	4.20	30.63	<=33.01	Pass
		4 TX Slots	1850.2	25.37	4.20	29.57	<=33.01	Pass
		1 TX Slot	1880	28.47	4.20	32.67	<=33.01	Pass
		2 TX Slots	1880	28.21	4.20	32.41	<=33.01	Pass
		3 TX Slots	1880	26.48	4.20	30.68	<=33.01	Pass
		4 TX Slots	1880	25.41	4.20	29.61	<=33.01	Pass
		1 TX Slot	1909.8	28.63	4.20	32.83	<=33.01	Pass
		2 TX Slots	1909.8	27.93	4.20	32.13	<=33.01	Pass
		3 TX Slots	1909.8	26.2	4.20	30.40	<=33.01	Pass
		4 TX Slots	1909.8	25.15	4.20	29.35	<=33.01	Pass
	EGPRS	1 TX Slot	1850.2	25.15	4.20	29.35	<=33.01	Pass
		2 TX Slots	1850.2	24	4.20	28.20	<=33.01	Pass
		3 TX Slots	1850.2	21.82	4.20	26.02	<=33.01	Pass
		4 TX Slots	1850.2	20.54	4.20	24.74	<=33.01	Pass
		1 TX Slot	1880	25.05	4.20	29.25	<=33.01	Pass
		2 TX Slots	1880	23.84	4.20	28.04	<=33.01	Pass
		3 TX Slots	1880	21.79	4.20	25.99	<=33.01	Pass
		4 TX Slots	1880	20.46	4.20	24.66	<=33.01	Pass
		1 TX Slot	1909.8	24.94	4.20	29.14	<=33.01	Pass
		2 TX Slots	1909.8	24.03	4.20	28.23	<=33.01	Pass
		3 TX Slots	1909.8	21.64	4.20	25.84	<=33.01	Pass
		4 TX Slots	1909.8	20.19	4.20	24.39	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1. Test Band = GSM 850**1.1.1. Test Channel = Low**

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1044.4444	69.86	-49.27	24.88	-49.79	-13.00	36.79	Horizontal
2	1648.4444	63.52	-49.83	25.57	-56.00	-13.00	43.00	Horizontal
3	2480	84.55	-49.02	27.16	-32.56	-13.00	19.56	Horizontal
4	3866.2222	51.40	-48.42	29.09	-63.20	-13.00	50.20	Horizontal
5	5429.7778	52.47	-47.43	32.40	-57.81	-13.00	44.81	Horizontal
6	7354.6667	52.11	-46.02	36.14	-53.04	-13.00	40.04	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1044.4444	81.56	-49.27	24.88	-38.09	-13.00	25.09	Vertical
2	1648.4444	65.91	-49.83	25.57	-53.61	-13.00	40.61	Vertical
3	2482.6667	64.15	-49.00	27.17	-52.94	-13.00	39.94	Vertical
4	4804	56.53	-48.03	30.77	-55.99	-13.00	42.99	Vertical
5	7206.6667	61.57	-46.17	35.87	-43.99	-13.00	30.99	Vertical
6	8389.7778	52.27	-44.05	36.73	-50.32	-13.00	37.32	Vertical

1.2. Test Band = GSM 850**1.2.1. Test Channel = Mid**

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1056.8889	70.13	-49.42	24.87	-49.68	-13.00	36.68	Horizontal
2	1672.8889	63.78	-49.78	25.61	-55.65	-13.00	42.65	Horizontal
3	2481.7778	63.08	-49.01	27.17	-54.02	-13.00	41.02	Horizontal
4	3637.3333	49.87	-48.56	28.72	-65.23	-13.00	52.23	Horizontal
5	5377.7778	52.27	-47.52	32.26	-58.26	-13.00	45.26	Horizontal
6	8397.7778	51.93	-43.99	36.74	-50.58	-13.00	37.58	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1056	80.32	-49.41	24.87	-39.48	-13.00	26.48	Vertical
2	1672.8889	61.47	-49.78	25.61	-57.96	-13.00	44.96	Vertical
3	2509.3333	67.68	-48.93	27.22	-49.29	-13.00	36.29	Vertical
4	3479.5556	51.66	-48.48	28.48	-63.60	-13.00	50.60	Vertical
5	5203.5556	54.80	-48.00	31.77	-56.69	-13.00	43.69	Vertical
6	7602.2222	50.88	-44.68	36.38	-52.68	-13.00	39.68	Vertical

1.3. Test Band = GSM 850**1.3.1. Test Channel = High**

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1068.8889	73.11	-49.57	24.87	-46.85	-13.00	33.85	Horizontal
2	1697.7778	64.43	-49.72	25.65	-54.91	-13.00	41.91	Horizontal
3	2426.6667	71.19	-49.33	27.07	-46.33	-13.00	33.33	Horizontal
4	3474.2222	50.72	-48.50	28.48	-64.56	-13.00	51.56	Horizontal
5	4957.7778	59.10	-48.05	31.11	-53.10	-13.00	40.10	Horizontal
6	7787.1111	51.89	-45.09	36.34	-52.12	-13.00	39.12	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1068.8889	78.54	-49.57	24.87	-41.42	-13.00	28.42	Vertical
2	1778.6667	78.63	-49.81	25.77	-40.68	-13.00	27.68	Vertical
3	2425.3333	83.78	-49.33	27.07	-33.75	-13.00	20.75	Vertical
4	3866.6667	53.00	-48.42	29.09	-61.60	-13.00	48.60	Vertical
5	5191.1111	71.43	-48.00	31.74	-40.10	-13.00	27.10	Vertical
6	7836.8889	51.99	-45.22	36.33	-52.16	-13.00	39.16	Vertical

1.4. Test Band = GSM 1900**1.4.1. Test Channel = Low**

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3700.5	60.38	-48.51	28.82	-54.57	-13.00	41.57	Horizontal
2	6498	51.67	-46.99	34.69	-55.89	-13.00	42.89	Horizontal
3	8394.75	51.99	-44.13	36.73	-50.67	-13.00	37.67	Horizontal
4	10359.75	62.30	-41.20	39.05	-35.11	-13.00	22.11	Horizontal
5	13701.75	53.58	-37.99	39.85	-39.82	-13.00	26.82	Horizontal
6	17918.25	54.76	-38.29	44.31	-34.48	-13.00	21.48	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3700.5	61.85	-48.51	28.82	-53.10	-13.00	40.10	Vertical
2	5550.75	58.50	-47.66	32.62	-51.80	-13.00	38.80	Vertical
3	7603.5	51.52	-44.59	36.38	-51.95	-13.00	38.95	Vertical
4	9457.5	52.40	-42.66	38.04	-47.48	-13.00	34.48	Vertical
5	11982	52.16	-39.52	39.40	-43.22	-13.00	30.22	Vertical
6	14938.5	54.65	-37.61	40.21	-38.02	-13.00	25.02	Vertical

1.5. Test Band = GSM 1900**1.5.1. Test Channel = Mid**

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3759.75	67.89	-48.31	28.92	-46.77	-13.00	33.77	Horizontal
2	5640	53.83	-47.62	32.66	-56.39	-13.00	43.39	Horizontal
3	7520.25	54.25	-45.85	36.40	-50.46	-13.00	37.46	Horizontal
4	10371	59.12	-41.21	39.06	-38.29	-13.00	25.29	Horizontal
5	12737.25	53.20	-39.28	38.96	-42.38	-13.00	29.38	Horizontal
6	14859	54.25	-37.16	40.21	-37.95	-13.00	24.95	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3759.75	69.56	-48.31	28.92	-45.10	-13.00	32.10	Vertical
2	5640	56.81	-47.62	32.66	-53.41	-13.00	40.41	Vertical
3	7737	51.86	-45.10	36.35	-52.15	-13.00	39.15	Vertical
4	9424.5	52.90	-42.88	37.99	-47.25	-13.00	34.25	Vertical
5	12648.75	52.99	-39.13	39.01	-42.39	-13.00	29.39	Vertical
6	17930.25	54.69	-38.38	44.38	-34.57	-13.00	21.57	Vertical

1.6. Test Band = GSM 1900**1.6.1. Test Channel = High**

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3943.5	50.61	-48.24	29.21	-63.68	-13.00	50.68	Horizontal
2	5762.25	51.88	-47.59	32.70	-58.26	-13.00	45.26	Horizontal
3	7596	51.42	-44.63	36.38	-52.09	-13.00	39.09	Horizontal
4	10359.75	57.62	-41.20	39.05	-39.79	-13.00	26.79	Horizontal
5	12716.25	52.92	-39.27	38.97	-42.64	-13.00	29.64	Horizontal
6	17904	54.42	-38.18	44.22	-34.80	-13.00	21.80	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3819.75	67.71	-48.20	29.01	-46.74	-13.00	33.74	Vertical
2	5729.25	54.04	-47.54	32.69	-56.07	-13.00	43.07	Vertical
3	7639.5	58.91	-44.82	36.37	-44.80	-13.00	31.80	Vertical
4	10905.75	50.95	-40.05	39.43	-44.93	-13.00	31.93	Vertical
5	14750.25	53.61	-36.77	40.22	-38.19	-13.00	25.19	Vertical
6	17911.5	54.58	-38.24	44.27	-34.65	-13.00	21.65	Vertical

- End of the Report -