

Antenna Info:

The antenna is an EPH-403G Pentaband GSM antenna physically soldered to a NT100 RF cable. It connects to our cellular radio through an MMCX connector. The professional installer is required to use only this antenna when installing the Advisor 1 unit.

The frequencies, antenna gain, and EIRP measured are included in the table below. All are in FCC specification.

Band	Channel	Freq(MHz)	Ant Gain	EIRP	USL	FCC	Margin
		(MHz)	(dBi)	(dBi)	(dBi)	Part	(O-A) dB
GSM850 TX	128	824.2	3.26	35.2	38.5	22	-3.3
	189	836.4	2.47	29.4	38.5	22	-9.1
	251	849	1.64	28.1	38.5	22	-10.4
WCDMA1700 (band IV)	1312	1710.4	3.49	24.5	30	27	-5.5
	1412	1733	1.8	23.6	30	27	-6.4
	1513	1755.6	1.89	21.9	30	27	-8.1
PCS 1900 TX	512	1850.2	1.19	31.9	33	24	-1.1
	661	1880	0.55	30.6	33	24	-2.4
	810	1909.8	-0.15	30.8	33	24	-2.2