

Raytheon Missile Systems GPS Re-radiation Application
Attachment A to Exhibit 1 - Locations

<u>Manufacturer</u>	Antenna	GPS Networking	HNRRKIT
	amplifier	GPS Networking	HNRRKIT
	transmit antenna	GPS Networking	HNRRKIT
<u>Installation</u>	height	all installations are indoors	

<u>Location Number</u>	<u>Location: name</u>	<u>Address*</u>			<u>Latitude**</u>	<u>Longitude**</u>	<u>Percent use as re-radiating system ***</u>	<u>L1 & L2 Link Budgets attached</u>
1	Bldg 845E	hq			32 06 14.92N	110 56 17.28W	100	yes
2	Building 805	hq			32 06 26.32N	110 56 39.76W	7	yes
3	Building 9020E	9000 S. Rita Rd.			32 05 39.96N	110 48 27.70W	10	yes
4	Building MO9	3350 e. hemisphere loop			32 08 17.62N	110 55 13.56W	10	yes
5	Building 907B	6880 S. Tucson Blvd.			32 07 38.55N	110 56 06.84W	10	yes
6	Building 801C	hq			32 06 07.73N	110 56 26.39W	10	yes
7	Building 801NE	hq			32 06 11.13N	110 56 23.01W	1	yes
8	Building 801NW	hq			32 06 11.29N	110 56 29.11W	1	yes
9	Bldg 801W	hq			32 06 07.43N	110 56 29.28W	1	yes
10	Bldg 803	hq			32 06 21.82N	110 56 34.93W	100	yes
11	Bldg 804	hq			32 06 21.66N	110 56 36.50W	1	yes
12	Bldg 809E	hq			32 06 13.85N	110 56 22.24W	chambers & hoods	yes
13	Bldg 810	hq			32 06 09.71N	110 56 19.49W	5	yes
14	Bldg 811	hq			32 06 14.55N	110 56 13.90W	1	yes
15	Bldg 840E	hq			32 06 23.06N	110 56 45.30W	40	yes
16	Bldg 840W	hq			32 06 23.06N	110 56 49.58W	40	yes
17	Bldg 842E1	hq			32 06 20.07N	110 56 52.00W	EMI Chamber	yes
18	Bldg 842E2	hq			32 06 20.06N	110 56 52.18W	EMI Chamber	yes
19	Bldg 842E3	hq			32 06 20.07N	110 56 52.46W	EMI Chamber	yes
20	Bldg 842S	hq			32 06 19.91N	110 56 55.23W	25	yes
21	Bldg 842N	hq			32 06 21.84N	110 56 54.50W	5	yes
22	Bldg 842W	hq			32 06 21.13N	110 56 57.40W	5	yes

23	Bldg 843N	hq			32 06 27.26N	110 56 44.86W	chamber & hardline	yes
24	Bldg 843S	hq			32 06 25.92N	110 56 43.58W	chamber & hardline	yes
25	Bldg 845C	hq			32 06 24.95N	110 56 17.35W	100	yes
26	Bldg 845	hq			32 06 26.67N	110 56 18.86W	100	yes
27	Bldg 847E	hq			32 06 22.34N	110 57 14.19W	10	yes
28	Bldg 847W	hq			32 06 22.36N	110 57 19.22W	chamber & hardline	yes
29	Bldg 848S	hq			32 06 25.21N	110 57 18.18W	chamber & hardline	yes
30	Bldg 849	hq			32 06 15.92N	110 57 12.26W	10	yes
31	Bldg 852	hq			32 05 38.47N	110 56 03.79W	100	yes
32	bldg 864	hq			32 05 40.08N	110 55 36.72W	100	yes
33	bldg 907A	6840 S. Tucson Blvd			32 07 39.63N	110 56 07.19W	rerad/hardline & hoods	yes
34	bldg 907C	2424 E. Aragon Road			32 07 41.99N	110 56 06.31W	rerad/hardline & hoods	yes
35	Bldg 908	hq			32 05 46.35N	110 56 47.39W	10	yes
36	Bldg 909	hq			32 05 46.29N	110 57 06.67W	10	yes
37	Bldg 910	hq			32 05 30.02N	110 56 47.16W	10	yes
38	Bldg M01	hq			32 06 29.46N	110 56 46.35W	30	yes
39	Bldg M10	3360 E. Hemisphere Loop			32 08 12.77N	110 55 13.90W	20	yes
40	Bldg M11	6223 S. Palo Verde Rd.			32 08 23.01N	110 54 57.81W	20	yes
41	Bldg9020N	9000 S. Rita Rd.			32 05 40.21N	110 48 28.90W	chamber & hardline	yes
42	Bldg 9022W	9000 S. Rita Rd.			32 05 38.58N	110 48 41.65W	chamber & hardline	yes
43	Bldg 9022C	9000 S. Rita Rd.			32 05 38.99N	110 48 40.00W	chamber & hardline	yes
44	Camden, Arkansas Facility	Camden, AR			33 39 02.00N	92 39 06.12W		yes

			* All locations are in Arizona, except 44 which is in Arkansas. HQ refers to Raytheon Missile Systems headquarters plant at 1151 E. Hermans Road, Tucson, AZ where there are many buildings.			** All Latitude and Longitude information is provided according to WGS84, which is used both in standard GPS units and Google earth				*** For explanations regarding hard-line or hooded use, please see item 6, Exhibit 1			