

To whom it may concern:

The following information has been determined to be unclassified, non-proprietary to Lockheed Martin and publicly releasable:

The following table presents updates to the GPS III SV01 (SVN74) to SV04 (SVN77) and the information for SV05 (SVN78) antenna phase center offsets of the L1, L2 and L5 signals for the Earth Coverage (EC) antenna deck. These values are predicted with respect to the Space Vehicle center of mass at the end of year 1 on-orbit.

SVN74	X (inches)	Y (inches)	Z (inches)
L1 EC	2.36	-0.688	42.931
L2 EC	2.333	-0.614	23.562
L5 EC	2.336	-0.617	25.067

SVN75	X (inches)	Y (inches)	Z (inches)
L1 EC	2.5363	-0.7671	43.2702
L2 EC	2.5507	-0.8687	24.1315
L5 EC	2.556	-0.8208	24.2713

SVN76	X (inches)	Y (inches)	Z (inches)
L1 EC	2.6187	-0.7515	43.0892
L2 EC	2.5545	-0.6742	24.3287
L5 EC	2.6081	-0.6417	25.0494

SVN77	X (inches)	Y (inches)	Z (inches)
L1 EC	2.502	-0.9128	43.2406
L2 EC	2.4367	-1.0169	24.094
L5 EC	2.3465	-0.9811	23.4133

SVN78	X (inches)	Y (inches)	Z (inches)
L1 EC	2.596	-0.8046	43.1652
L2 EC	2.5323	-0.8008	23.3173
L5 EC	2.5709	-0.8388	23.6287

The following table presents the Timing Group Delay (TGD) and Inter-Signal Correction (ISC) values measured at the factory for SVN78.

<b>Parameter</b>	<b>Value</b>	<b>Units</b>
T(GD) (L1P-L2P)	-5.44E-09	Seconds
ISC(L1C/A)	-5.72E-10	Seconds
ISC(L1Cp)	-7.78E-10	Seconds
ISC(L1Cd)	-3.56E-10	Seconds
ISC(L2C)	-6.58E-09	Seconds
ISC(L2PY)	3.52E-09	Seconds
ISC(L5I5)	-1.20E-08	Seconds
ISC(L5Q5)	-1.20E-08	Seconds