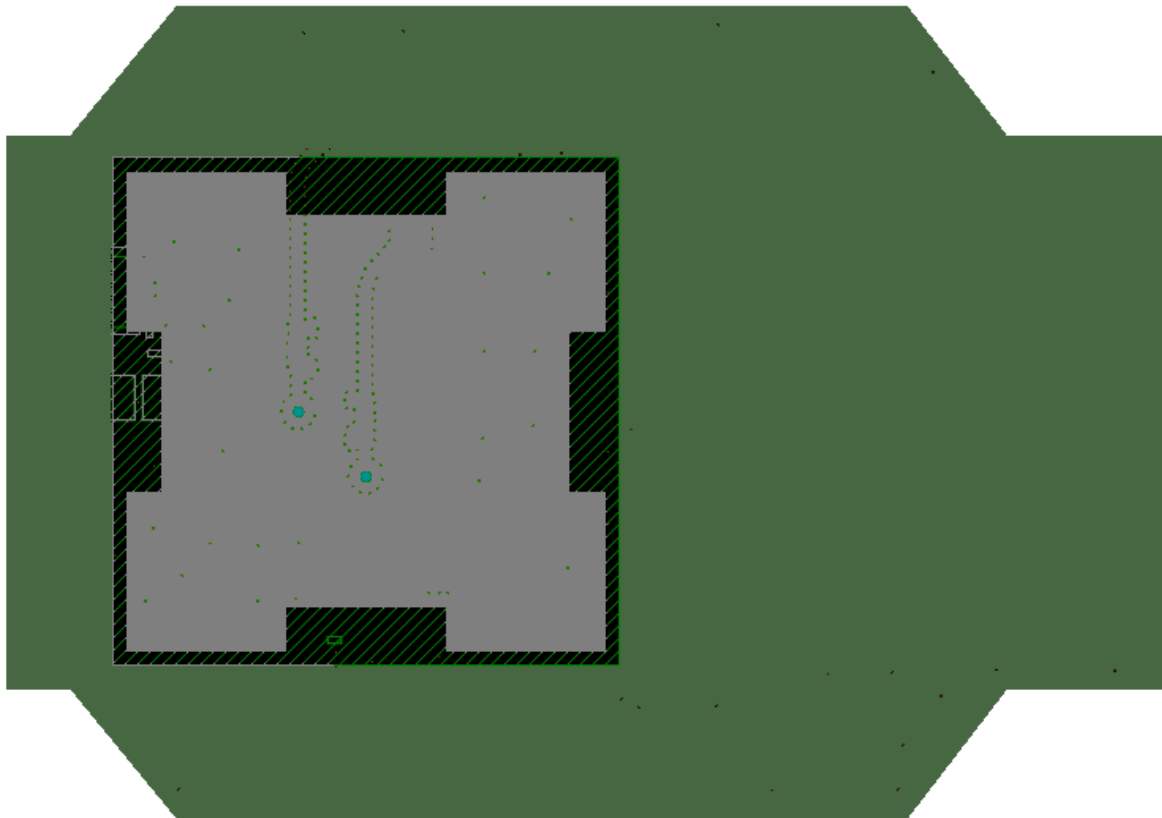


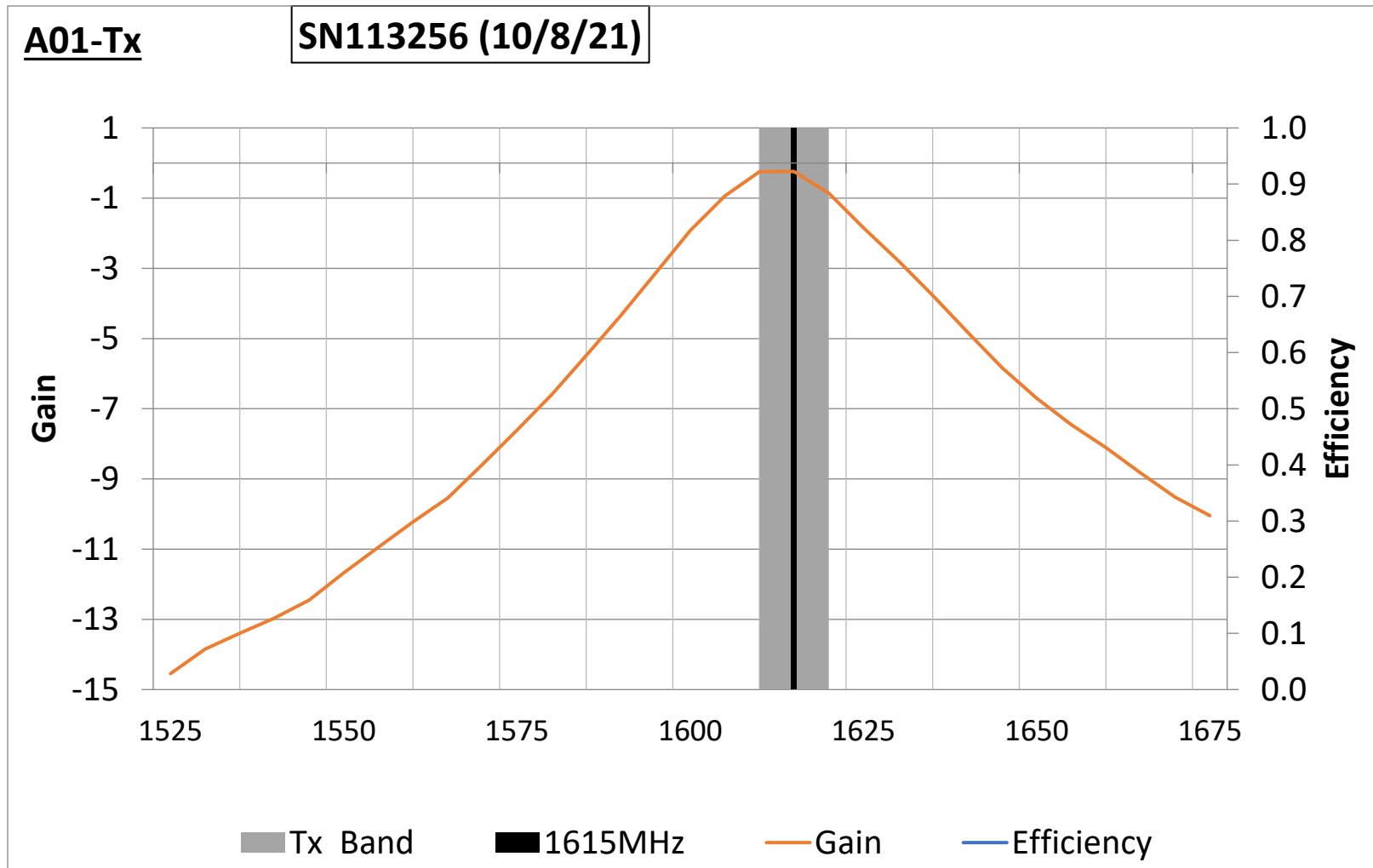
GLOBALSTAR DUAL FEED CERAMIC PATCH ANTENNA

PATTERN TEST MEASUREMENTS FOR ST150m REFERENCE DESIGN GROUND PLANE



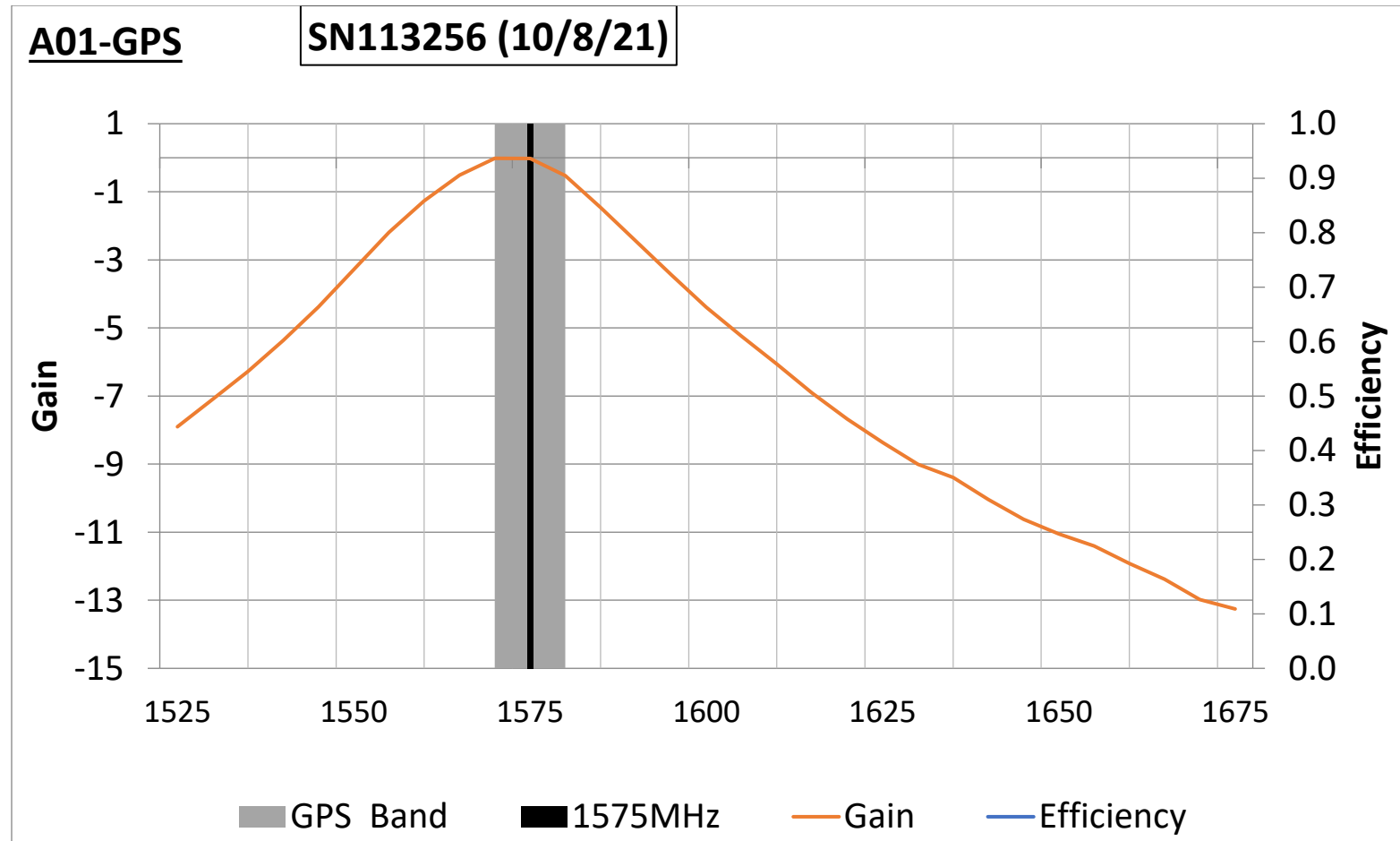
I. STX Maximums

Frequency (Mhz)	1600	1605	1610	1615	1620
Gain (dBi)	-1.93	-0.94	-0.24	-0.24	-0.86

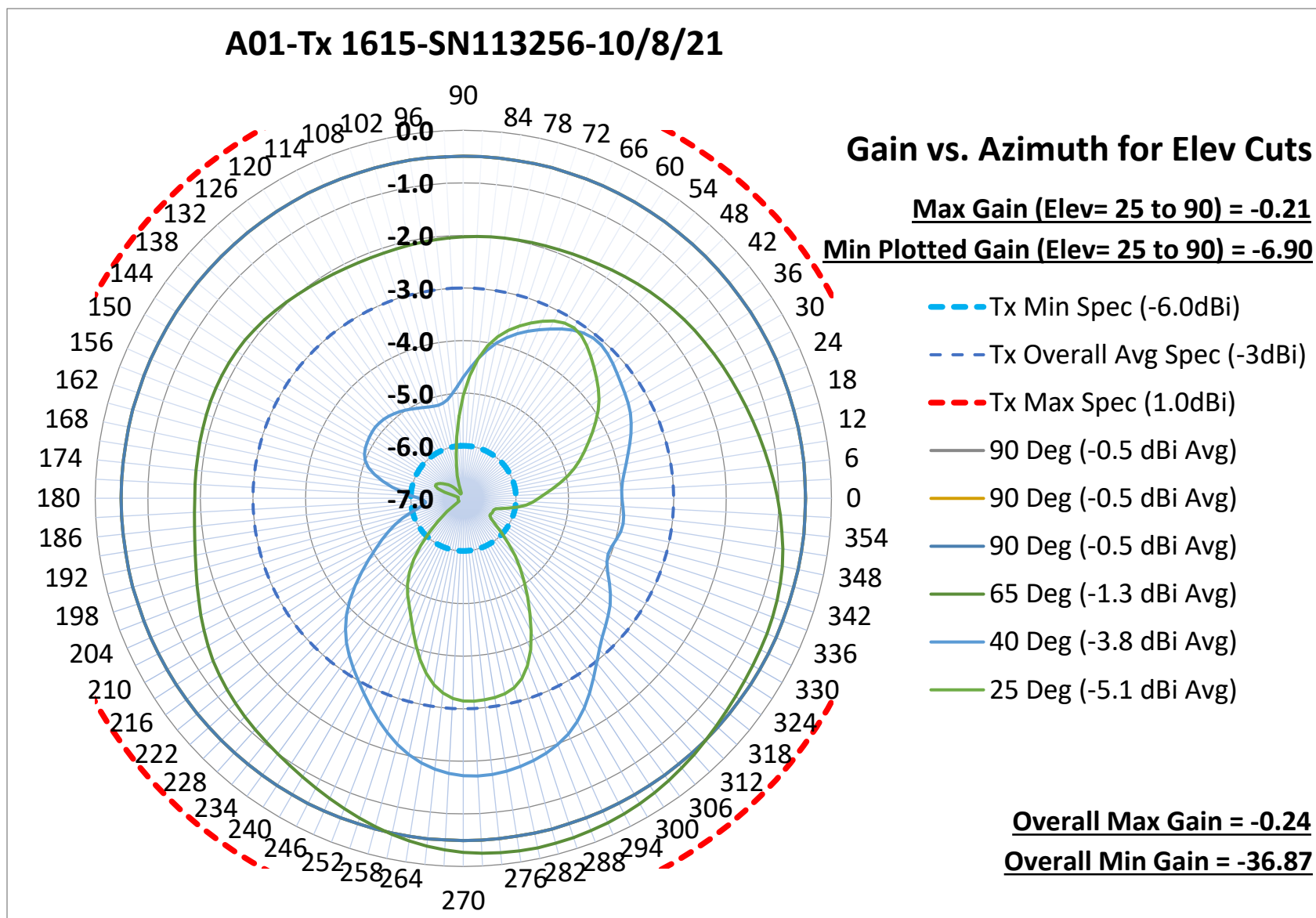


II. GPS Maximums

Frequency (Mhz)	1565	1570	1575	1580	1585
Gain (dBi)	-0.511	-0.017	-0.023	-0.524	-1.463



III. STX Antenna Pattern – Gain vs Azimuth – 1615 MHz



IV. GPS Antenna Pattern – Gain vs Azimuth – 1575 MHz

