

Booster and KUSC Primary 60 dBu Coverage

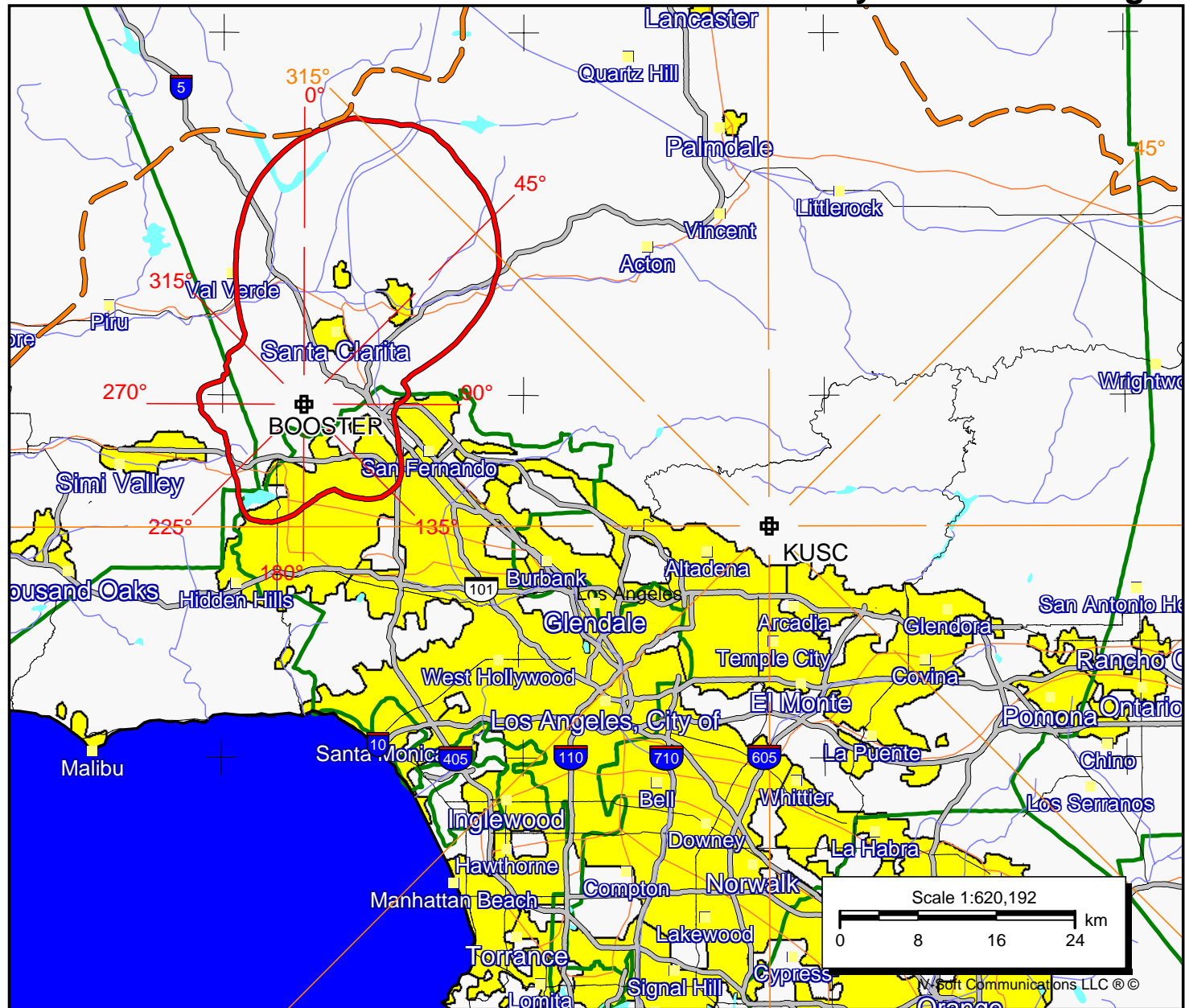
PROPOSED BOOSTER

Latitude: 34-19-30 N
 Longitude: 118-34-36 W
 ERP: 0.175 kW
 Channel: 218
 Frequency: 91.5 MHz
 AMSL Height: 1056.0 m
 Elevation: 1051 m
 Horiz. Pattern: Directional

KUSC

BLED20000404ABH
 Latitude: 34-12-48 N
 Longitude: 118-03-41 W
 ERP: 39.00 kW
 Channel: 218
 Frequency: 91.5 MHz
 AMSL Height: 1689.0 m
 Elevation: 1659.0 m
 Horiz. Pattern: Directional

Doug Vernier
 721 West 1st Street, Suite A
 Cedar Falls, Iowa 50613
 Telecommunications Consultants



Doug Vernier, Telecommunications Consultants
 N. Lat. = 34 19 30 W. Lng. = 118 34 36
 HAAT and Distance to Contour - FCC Method - 30 Arc Sec.

KUSC Santa Clarita Booster

Azi .	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	422.2	633.8	0.1109	-9.55	0.796	27.15
045	468.9	587.1	0.1312	-8.82	0.866	27.20
090	489.2	566.8	0.0035	-24.52	0.142	9.49
135	336.4	719.6	0.0061	-22.13	0.187	12.57
180	303.1	752.9	0.0037	-24.34	0.145	10.52
225	535.5	520.5	0.0045	-23.49	0.160	10.00
270	584.8	471.2	0.0059	-22.32	0.183	10.60
315	552.0	504.0	0.0031	-25.03	0.134	8.81

Ave EI = 461.52 M HAAT= 594.48 M AMSL= 1056 M

Doug Vernier, Telecommunications Consultants
N. Lat. = 34 12 48 W. Lng. = 118 03 41
HAAT and Distance to Contour - FCC Method - 30 Arc Sec.

KUSC, University Of Southern California, BLED20000404ABH

Azi .	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	1292.4	396.6	11.7975	10.72	0.550	57.65
045	1303.5	385.5	6.1004	7.85	0.396	50.80
090	1068.6	620.4	3.0141	4.79	0.278	56.13
135	295.7	1393.3	11.1211	10.46	0.534	87.24
180	207.6	1481.4	39.0000	15.91	1.000	102.35
225	303.0	1386.0	39.0000	15.91	1.000	101.20
270	627.2	1061.8	15.5283	11.91	0.631	85.52
315	1282.6	406.4	16.3005	12.12	0.646	61.36

Ave EI = 797.55 M HAAT= 891.45 M AMSL= 1689 M