

## MARK UP OF E890649 LICENSE

Showing Update Requested to Maximum Aggregate EIRP For All Carriers (dBW) and to Site Elevation for Antenna SAPA41KU



UNITED STATES OF AMERICA  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
Unofficial Copy

Name: COMSAT, INC.

Call Sign: E890649  
File Number: SES-MOD-20230201-00147

Authorization Type: Modification of License  
Non Common Carrier Grant Date: 03/22/2023 Expiration Date: 07/14/2024

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

NO CHANGES  
ON THIS PAGE

**A) Site Location(s)**

| #  | Site ID    | Address                                                                                                                                              | Latitude       | Longitude       | Elevation<br>(Meters) | NAD | Special Provisions<br>(Refer to Section H) |
|----|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------|-----|--------------------------------------------|
| 1) | STL15009   | 1.2 M. STL15009<br>(500 UNITS)                                                                                                                       |                |                 |                       | NA  |                                            |
|    |            | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                |                 |                       |     |                                            |
| 2) | SAPA15KU   | 7676 PINE GROVE ROAD<br>(14.2M.TIW)<br>SANTA PAULA, VENTURA,<br>CA, 93061                                                                            | 34° 24' 7.0" N | 119° 4' 21.3" W | 202.4                 | 83  |                                            |
|    |            | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                |                 |                       |     |                                            |
| 3) | STL4003A   | 1.0 M. STL4003A<br>(500 UNITS)                                                                                                                       |                |                 |                       | NA  |                                            |
|    |            | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                |                 |                       |     |                                            |
| 4) | STL6006    | 1.5 M. STL6006<br>(500 UNITS)                                                                                                                        |                |                 |                       | NA  |                                            |
|    |            | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                |                 |                       |     |                                            |
| 5) | STL4006    | 1.0 M. STL4006<br>(250 UNITS)                                                                                                                        |                |                 |                       | 83  |                                            |
|    |            | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                |                 |                       |     |                                            |
| 6) | STL4009/10 | 1.0 M. STL4009/10<br>(500 UNITS)                                                                                                                     |                |                 |                       | NA  |                                            |
|    |            | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                |                 |                       |     |                                            |
| 7) | STL5010    | 1.2 M. STL5010<br>(500 UNITS)                                                                                                                        |                |                 |                       | NA  |                                            |

Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

NO CHANGES THIS PAGE  
CHANGES ONLY ON PAGE 2 AND ON  
PAGE 30



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| Non Common Carrier  | Grant Date:                                                                                                                                          | 03/22/2023                        | Expiration Date: 07/14/2024 |
| 8) STL6009          | 1.5 M. STL6009<br>(500 UNITS)                                                                                                                        |                                   | NA                          |
|                     | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                                   |                             |
| 9) INTLV110         | 1.05 M. INTLV110<br>(500 UNITS)                                                                                                                      |                                   | NA                          |
|                     | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                                   |                             |
| 10) STL4996T        | 1.2 M. STL4996T<br>(50 UNITS)                                                                                                                        |                                   | NA                          |
|                     | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                                   |                             |
| 11) INTLV80G        | 0.83 M. INTLV80G<br>(500 UNITS)                                                                                                                      |                                   | 83                          |
|                     | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                                   |                             |
| 12) STL30/3011      | 0.75 M. STL30/3011<br>(500 UNITS)                                                                                                                    |                                   | 83                          |
|                     | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                                   |                             |
| 13) T&TSAIL900      | 1.0 M. T&TSAIL900<br>(500 UNITS)                                                                                                                     |                                   | 83                          |
|                     | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                                   |                             |
| 14) STL9797         | 2.4 M. STL9797<br>(500 UNITS)                                                                                                                        |                                   | 83                          |
|                     | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                                   |                             |
| 15) INTLV60G        | 0.6 M. INTLV60G<br>(500 UNITS)                                                                                                                       |                                   | 83                          |
|                     | Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. |                                   |                             |
| 16) SAPA41KU        | 7676 PINE GROVE<br>(7.3M GD7.3MKu)<br>SANTA PAULA, VENTURE,<br>CA, 93061                                                                             | 34° 24' 9.6" N<br>119° 4' 22.7" W | 204.9<br>83                 |
|                     | Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209                                                                  |                                   |                             |

CHANGE TO  
239.57



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INTLV60G INTLV60G 500 0.6 INTELLIAN V60G

Max Gains(s):35.3 dBi @ 12.2000 GHz 38.1 dBi @ 14.2500 GHz

Maximum total input power at antenna flange (Watts) = 11.59

Maximum aggregate output EIRP for all carriers (dBW)48.74

INTLV80G INTLV80G 500 0.83 INTELLIAN V80G

Max Gains(s):37.1 dBi @ 12.2000 GHz 39.5 dBi @ 14.2500 GHz

Maximum total input power at antenna flange (Watts) = 11.59

Maximum aggregate output EIRP for all carriers (dBW)50.24

SAPA15KU SAPA15KU 1 14.2 TIW 14.2 M 202.42 15.7 AGL/  
218.12 AMSL

Max Gains(s):63.1 dBi @ 12.1300 GHz 64.6 dBi @ 14.1300 GHz

Maximum total input power at antenna flange (Watts) = 200.0

Maximum aggregate output EIRP for all carriers (dBW)86.0

SAPA41KU SAPA41KU 1 7.3 GENERAL DYNAMICS GD7.3MKU 204.97 8.1 AGL/  
213.01 AMSL

Max Gains(s):58.2 dBi @ 14.2500 GHz 57.4 dBi @ 12.0000 GHz

Maximum total input power at antenna flange (Watts) = 750.0

Maximum aggregate output EIRP for all carriers (dBW)85.1

STL30/3011 STL30/3011 500 0.75 SEA TEL usat-30/3011

Max Gains(s):37.6 dBi @ 11.8500 GHz 39.0 dBi @ 14.2500 GHz

Maximum total input power at antenna flange (Watts) = 6.7

Maximum aggregate output EIRP for all carriers (dBW)47.3

STL4003A STL4003A 500 1.0 SEATEL 4003A

Max Gains(s):39.4 dBi @ 12.2000 GHz 40.5 dBi @ 14.2500 GHz

Maximum total input power at antenna flange (Watts) = 5.7

Maximum aggregate output EIRP for all carriers (dBW)48.1

STL4006 STL4006 250 1.0 SEATEL 4006

Max Gains(s):39.6 dBi @ 12.2000 GHz 40.6 dBi @ 14.2500 GHz

Maximum total input power at antenna flange (Watts) = 6.7

Maximum aggregate output EIRP for all carriers (dBW)48.9

STL4009/10 STL4009/10 500 1.0 SEA TEL 4009/4010

Max Gains(s):40.6 dBi @ 14.2500 GHz 39.6 dBi @ 12.2000 GHz

Maximum total input power at antenna flange (Watts) = 6.7

Maximum aggregate output EIRP for all carriers (dBW)48.9

STL4996T STL4996T 50 1.2 SEATEL 4996T

Max Gains(s):41.6 dBi @ 11.9500 GHz 42.5 dBi @ 14.2500 GHz

Maximum total input power at antenna flange (Watts) = 7.1

Maximum aggregate output EIRP for all carriers (dBW)51.1

CHANGE TO - 239.57  
CHANGE TO 247.67  
CHANGE TO 86.9