

Applicant: GCI Communication Corp.
Call Sign: E020336
File Number: SES-STA-20181017-03063
Special Temporary Authority



File # SES-STA-20181017-03063
Call Sign E020336 Grant Date 11/27/2018
(or other identifier)
Term Dates
From 11/27/2018 To: 1/26/2019
Approved: Paul E. Black

GCI Communication Corp. ("GCI") is granted special temporary authority to operate two antennas located in Anchorage, AK for 60 days to communicate with the Permitted List satellites on 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands under the following conditions:

1. Operations with antenna ID Test 3.6m, Scientific-Atlanta model 8136, will not exceed the operational power levels and parameters requested: maximum input power at antenna flange of 50.0 Watts, maximum total output eirp for all carriers of 62.3 dBW, transmit antenna gain of 45.3 dBi at 6.0 GHz. Operations will comply with the maximum input power density per carrier of ~ 2.7 dBW/4kHz pursuant to 47 C.F.R. § 25.212(d).
2. Operations with antenna ID Test 3.8m, Patriot model TXINT-380AZ, will not exceed the operational power levels and parameters requested: maximum input power at antenna flange of 200.0 Watts, maximum total output eirp for all carriers of 69.2 dBW, transmit antenna gain of 46.2 dBi at 6.0 GHz. Operations will comply with the maximum input power density per carrier of ~ 2.7 dBW/4kHz pursuant to 47 C.F.R. § 25.212(d).
3. Operations shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station, and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
4. Grant of this special temporary authority is without prejudice to future FCC action on GCI's pending application, IBFS File No. SES-LIC-20181017-03064.
5. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector.
6. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on

methods for ensuring compliance, including the use of warning and alert signs and protective equipment for workers.

7. Any action taken or expense incurred as a result of operations pursuant to this authority is solely at GCI's risk.
8. Grant of this authority is without prejudice to any determination that the Commission may make regarding any pending or future application filed by GCI.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.