

From: [Andy Rzeszut](#)
 To: [Jae Lim](#)
 Cc: [Cindy Lynch Hall](#)
 Subject: RE: SES-MOD-20181030-03723 Call Sign: E070069
 Date: Thursday, August 15, 2019 5:50:21 PM
 Attachments: [image001.png](#)
[Exhibit B - Frequency Coordination Final Report - Gustavus.pdf](#)

Jae Lim:

Good afternoon.

Andy Rzeszut with GCI Engineering here again.

Well, I owe you (and Cindy) another apology. This was another mistake that I made last October (2018).

The "Total EIRP for all carriers" should be: 46.3 dBi (Tx antenna gain) + 10*log(400w) = 46.3 dBi + 26.02 dBW = 72.32 dBW.

However, I mistakenly (typo) indicated 71.32 dBW on the Schedule B that I submitted to Cindy for filing.

The Frequency Coordination was indeed submitted/coordinated for a 72.32 dBW maximum EIRP/carrier. See attached Exhibit B to the application/modification.

Again, my sincere apologies for this oversight.

Does GCI need to modify the field in the IBFS database for this application/modification? Or is this something that I can work with you to correct?

Please advise.

Thank you.

Andy Rzeszut
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From: Cindy (Lynch) Hall <chall2@gci.com>
 Sent: Wednesday, August 14, 2019 11:51 AM
 To: Andy Rzeszut <arzeszut@gci.com>
 Subject: FW: SES-MOD-20181030-03723 Call Sign: E070069

Cindy (Lynch) Hall
 GCI | Mgr. Rate, Tariffs & Licenses
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From: Jae Lim <jae.lim@fsc.gov>
 Sent: Wednesday, August 14, 2019 11:28 AM
 To: Tariffs and Licenses <tariffsandlicenses@gci.com>
 Subject: SES-MOD-20181030-03723 Call Sign: E070069

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hi Cindy Hall,
 EIRP 72.32 dBW exceeds Max Output EIRP 71.32 dBW.
 Please consider increasing E40 to 72.32 dBW.
 Please confirm this change.
 Thanks.

| E28. Antenna Id | E33/34. Diameter Minor/Major(meters) | E35. Above Ground Level(meters) | E36. Above Sea Level(meters) | E37. Building Height Above Ground Level(meters) | E38. Total Input Power at antenna flange(Watts) | E39. Maximum Antenna Height Above Rooftop(meters) | E40. Total EIRP for all carriers(dBW) |
|-----------------|--------------------------------------|---------------------------------|------------------------------|---|---|---|---------------------------------------|
| 1 | 0.0/0.0 | 5.8 | 17.7 | 0.0 | 400.0 | 0.0 | 71.32 |

| E28. Antenna Id | E43/44. Frequency Bands(MHz) | E45. T/R Mode | E46. Antenna Polarization(H,V,L,R) | E47. Emission Designator | E48. Maximum EIRP per Carrier(dBW) | E49. Maximum EIRP Density per Carrier(dBW/4kHz) |
|---|------------------------------|---------------|------------------------------------|--------------------------|------------------------------------|---|
| 1 | 3700.000-4200.000 | R | Horizontal and Vertical | 108MG7W | 0.0 | 0.0 |
| E50. Modulation and Services Phase modulated voice, video, and data services. | | | | | | |
| 1 | 3700.000-4200.000 | R | Horizontal and Vertical | 45K0G7W - | 0.0 | 0.0 |
| E50. Modulation and Services Phase modulated voice, video, and data services. | | | | | | |
| 1 | 3700.000-4200.000 | R | Horizontal and Vertical | 108MD7W | 0.0 | 0.0 |
| E50. Modulation and Services Phase and amplitude modulated voice, video, and data services. | | | | | | |
| 1 | 3700.000-4200.000 | R | Horizontal and Vertical | 45K0D7W - | 0.0 | 0.0 |
| E50. Modulation and Services Phase and amplitude modulated voice, video, and data services. | | | | | | |
| 1 | 5925.000-6425.000 | T | Horizontal and Vertical | 108MG7W | 72.32 | 28.01 |
| E50. Modulation and Services Phase modulated voice, video, and data services. | | | | | | |
| 1 | 5925.000-6425.000 | T | Horizontal and Vertical | 45K0G7W - | 48.11 | 37.6 |
| E50. Modulation and Services Phase modulated voice, video, and data services. | | | | | | |
| 1 | 5925.000-6425.000 | T | Horizontal and Vertical | 108MD7W | 72.32 | 28.01 |
| E50. Modulation and Services Phase and amplitude modulated voice, video, and data services. | | | | | | |
| 1 | 5925.000-6425.000 | T | Horizontal and Vertical | 45K0D7W - | 48.11 | 37.6 |
| E50. Modulation and Services Phase and amplitude modulated voice, video, and data services. | | | | | | |

FREQUENCY COORDINATION

Jae Lim
 FCC/IB
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