

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)
FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	3	E5: Call Sign:	
E2: Contact Name:	JAMES G. LOVELACE	E6: Phone Number:	346-223-0396
E3: Street:	US&P KU-BAND VSATS	E7: City:	
E4: State:		E8: County:	
		E9: Zip Code:	
E10: Area of Operation:			
E11: Latitude:	0° 0' 0"		
E12: Longitude:	0° 0' 0"		
E13: Lat/Lon Coordinates are:	nad-83		
E14: Site Elevation (AMSL):	0		

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	Yes
If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	Yes

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST

E21. Common Name: PERMITTED LIST	E22. ITU Name: PERMITTED LIST
E23. Orbit Location: GSO	E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
3	SA1.2MFLY	500	SINAERO	SA-1.2FLY	1.2	undefined at 0

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)
SA1.2MFLY	0/0	0	0	0	47.2	0	58.84

FREQUENCY

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 ERIP Density per Carrier (dBW/4kHz)
SA1.2MFLY	11700 12200	R	null	1M00G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
SA1.2MFLY	14000 14500	T	null	64K0G1W	40.14	28.1

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kH
SA1.2MFLY	Geostationary	11700 12200	64 / 144	0 / 0	5 / 5	0

SA1.2MFLYGeostationary14000
1450064 / 1440 / 05 / 50

REMOTE CONTROL POINT LOCATION

E61. Call Sign: WB36		E65. Phone Number: 346-223-0396	
E62. Street Address: 3327 South Sam Houston Parkway East Suite 1			
E63. City: HOUSTON	E67. County: HARRIS	E64/68. State/Country: undefined / undefined	E66. Zip Code: 77047

Location of Earth Station Site

E1: Site Identifier:	4	E5: Call Sign:	
E2: Contact Name:	DAVID ATABALA	E6: Phone Number:	281-809-9708
E3: Street:	US&P and International Waters KA-BAND ESV & VSAT REMOTES	E7: City:	
E4: State:		E8: County:	
		E9: Zip Code:	
E10: Area of			

Operation:

E11: Latitude: 0° 0' 0"

E12: Longitude: 0° 0' 0"

E13: Lat/Lon
Coordinates are: nad-83E14: Site Elevation
(AMSL): 0

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.

N/A

If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?

N/A

Is Frequency Coordination required?

No

Is coordination with another country required?

No

Is FAA notification required?

No

Is facility operated by remote control?

Yes

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST

E21. Common Name: PERMITTED LIST

E22. ITU Name: PERMITTED LIST

E23. Orbit Location: GSO

E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
4	2400KA	500	SEA TEL	2400KA	2.4	undefined at 0

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)
2400KA	2.4/2.4	0	0	0	79.4	0	73.09

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
4	V240MTKA	500	INTELLIAN	V240MTKA	2.4	undefined at 0

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)
V240MTKA	2.4/2.4	0	0	0	66.1	0	69.8

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
4	V240MT2KA	500	INTELLIAN	V240MT2KA	2.4	undefined at 0

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)
V240MT2KA	2.4/2.4	0	0	0	74.1	0	70.3

FREQUENCY

E28. Antenna	E43/44. Frequency	E45. T/R	E46. Antenna Polarization	E47. Emission	E48. Maximum	E49. Maximum ERIP Density
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Id	Bands (MHz)	Mode	(H,V,L,R)	Designator	EIRP per Carrier (dBW)	per Carrier (dBW/4kHz)
2400KA	28350 29100	T	null	44K8G7W	68.09	57.6

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
2400KA	19600 20200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
2400KA	29300 30000	T	null	44K8G1W	68.09	57.6

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
2400KA	17800 19400	R	null	200MG1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
V240MTKA	29300 30000	T	null	100MG7W	69.8	25.8

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
V240MTKA	19600 20200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
V240MTKA	17800 19400	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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V240MTKA	28350 29100	T	null	100MG7W	69.8	25.8
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
V240MT2KA	28350 29100	T	null	100MG1W	70.3	26.3
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
V240MT2KA	19600 20200	R	null	44K8G7W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
V240MT2KA	17800 19400	R	null	200MG1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
V240MT2KA	29300 30000	T	null	100MG7W	70.3	26.3

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

FREQUENCY COORDINATION

REMOTE CONTROL POINT LOCATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
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E61. Call Sign: WB36		E65. Phone Number: 346-223-0396	
E62. Street Address: 3327 South Sam Houston Parkway East Suite 1			
E63. City: HOUSTON	E67. County: HARRIS	E64/68. State/Country: undefined / undefined	E66. Zip Code: 77047

Location of Earth Station Site

E1: Site Identifier:	2	E5: Call Sign:	
E2: Contact Name:	DAVID ATABALA	E6: Phone Number:	281-809-9708
E3: Street:	US&P and International Waters KU-BAND ESV & VSAT Remotes	E7: City:	
E4: State:		E8: County:	
		E9: Zip Code:	

E10: Area of Operation:

E11: Latitude: 0° 0' 0"

E12: Longitude: 0° 0' 0"

E13: Lat/Lon
Coordinates are: nad-83E14: Site Elevation
(AMSL): 0

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.

Yes

If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?

N/A

Is Frequency Coordination required?

No

Is coordination with another country required?

No

Is FAA notification required?

No

Is facility operated by remote control?

Yes

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST

E21. Common Name: PERMITTED LIST

E22. ITU Name: PERMITTED LIST

E23. Orbit Location: GSO

E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	4996	300	SEA TEL	4996	1.2	undefined at 0

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)
4996	0/0	0	0	0	14.2	0	54.02

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV130NX	500	INTELLIAN	V130NX	1.25	undefined at 0

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)
INTV130NX	1.25/1.25	0	0	0	34	0	58.41

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV110	500	INTELLIAN	V110	1.05	undefined at 0

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)
INTV110	0/0	0	0	0	13.94	0	53.14

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	MITMVA60	500	MITSUBISHI	MVA60	0.6	undefined at 0

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)
MITMVA60	0/0	0	0	0	6.18	0	46.34

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	TTSA900	500	THRANE & THRANE	TT-7090A SAILOR900	1	undefined at 0

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)
TTSA900	0/0	0	0	0	14.93	0	53.44

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	MITMVA120	500	MITSUBISHI	MVA120	1.2	undefined at 0

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)
MITMVA120	0/0	0	0	0	6.31	0	55.72

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
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2	3612	500	SEA TEL	3612	0.9	undefined at 0
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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)
3612	0/0	0	0	0	15.14	0	52.3

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	9797/11KU	500	SEA TEL	9797,9711,9711IMAKU	2.4	undefined at 0

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)
9797/11KU	0/0	0	0	0	210.3	0	71.72

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV150NX	500	INTELLIAN	V150NX	1.5	undefined at 0

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)
INTV150NX	1.5/1.5	0	0	0	151.4	0	66.9

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	9711QORKU	500	SEA TEL	9711QOR_KU	1.2	undefined at 0

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)
9711QORKU	0/0	0	0	0	51.4	0	60.1

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	TTSA80020	500	THRANE & THRANE	TT-7080A SAILOR 800A	0.83	undefined at 0

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)
TTSA80020	0.83/0.83	0	0	0	18.2	0	52.6

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	ORAL-7103	500	ORBIT	ORAL7103MKII-K	1.2	undefined at 0

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground	E38. Total Input Power at Antenna	E39. Maximum Antenna Height Above	E40. Total EIRP for all carriers
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				Level (meters)	Flange (Watts)	Rooftop (meters)	(dBW)
ORAL-7103	0/0	0	0	0	83.2	0	61.8

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV85NX	500	INTELLIAN	V85NX	0.85	undefined at 0

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)
INTV85NX	0.85/0.85	0	0	0	20	0	53.61

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	5009/10/12	750	SEA TEL	5009, 5010, 5012	1.2	undefined at 0

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)
5009/10/12	0/0	0	0	0	51.4	0	60.1

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	V240MTKU	500	INTELLIAN	V240MTKU	2.4	undefined at 0

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)
V240MTKU	2.4/2.4	0	0	0	263	0	71.6

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV240K	500	INTELLIAN	V240K	2.4	undefined at 0

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)
INTV240K	0/0	0	0	0	173	0	70.38

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV80e	500	INTELLIAN	V80e	0.8	undefined at 0

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)
INTV80e	0.8/0.8	0	0	0	5.7	0	46.85

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	4006/9/10	1000	SEA TEL	4006,	1	undefined at 0

				4009 & 4010		
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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)
4006/9/10	0/0	0	0	0	13.4	0	51.87

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV100NX	500	INTELLIAN	V100NX	1.05	undefined at 0

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)
INTV100NX	1.05/1.05	0	0	0	21.4	0	54.9

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV60G	500	INTELLIAN	V60G	0.6	undefined at 0

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)
INTV60G	0/0	0	0	0	11.59	0	48.74

Site ID	E28. Antenna	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size	E41/42. Antenna Gain Transmit and/or
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	Id				(meters)	Recieve (dBi at GHz)
2	INTV100	2000	INTELLIAN	V100	1.06	undefined at 0

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)
INTV100	0/0	0	0	0	22.9	0	54.8

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	4012	500	SEA TEL	4012	1.06	undefined at 0

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)
4012	0/0	0	0	0	14.79	0	53.5

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	900B/FV110	2000	THRANE & THRANE	900B 900VSATHP&FV110	1.03	undefined at 0

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)
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900B/FV110	0/0	0	0	0	18.2	0	53.7
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Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	V240MT2KU	500	INTELLIAN	V240MTGEN2KU	2.4	undefined at 0

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)
V240MT2KU	2.4/2.4	0	0	0	295.1	0	72.9

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	ORTR4-500	500	ORBIT	OCEANTRX4-500KU	1.2	undefined at 0

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)
ORTR4-500	0/0	0	0	0	83.2	0	61.8

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	TTSA600	500	THRANE & THRANE	TT-7060C SAILOR 600	0.65	undefined at 0

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)
TTSA600	0/0	0	0	0	5.4	0	44.92

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	OR7-300K	500	ORBIT	OCEANTRX7-300KU	2.1	undefined at 0

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)
OR7-300K	0/0	0	0	0	77.6	0	65.5

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	2400KU	500	SEA TEL	2400KU	2.4	undefined at 0

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)
2400KU	2.4/2.4	0	0	0	260	0	72.24

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
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2	6006/9/12	500	SEA TEL	6006, 6009, 6012	1.5	undefined at 0
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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)
6006/9/12	0/0	0	0	0	107.1	0	65.39

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV240MK	500	INTELLIAN	V240M(KU-BAND)	2.4	undefined at 0

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)
INTV240MK	0/0	0	0	0	165.2	0	70.58

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	4003	500	SEA TEL	4003	1	undefined at 0

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)
4003	0/0	0	0	0	11.4	0	51.07

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV65/65G	500	INTELLIAN	V65, V65G	0.65	undefined at 0

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)
INTV65/65G	0/0	0	0	0	11.6	0	48.64

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	SAT30/3011	500	SEA TEL	USAT30 & 3011	0.75	undefined at 0

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)
SAT30/3011	0/0	0	0	0	13.4	0	50.27

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV80G	500	INTELLIAN	V80G	0.83	undefined at 0

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)
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INTV80G	0/0	0	0	0	19	0	52.3
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Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2	INTV130/G	500	INTELLIAN	V130, V130G	1.25	undefined at 0

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)
INTV130/G	0/0	0	0	0	34.8	0	58.6

FREQUENCY

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 ERIP Density per Carrier (dBW/4kHz)
4996	14000 14500	T	null	44K8G7W	39	28.5

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4996	11450 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4996	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV130NX	10700 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV130NX	14000 14500	T	null	44K8G7W	40.3	29.1

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV110	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV110	14000 14500	T	null	7M00G1W	53.14	11.44

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV110	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
MITMVA60	11450 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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MITMVA60	10950 11200	R	null	54M0G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
MITMVA60	14000 14500	T	null	1M10G1W	46.34	21.95
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
TTSA900	10950 11200	R	null	54M0G7W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
TTSA900	14000 14500	T	null	7M00G7W	53.44	21.01
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
TTSA900	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
MITMVA120	14000 14500	T	null	44K8G1W	44.22	33.72

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
MITMVA120	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
3612	14000 14500	T	null	5M00G7W	51.2	20.2

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
3612	11450 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
3612	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9797/11KU	14000 14500	T	null	15M0G1W	67.7	32

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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9797/11KU	11450 12200	R	null	44K8G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
9797/11KU	10950 11200	R	null	44K8G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV150NX	10700 12200	R	null	44K8G7W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV150NX	14000 14500	T	null	44K8G7W	41.6	31.1
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
INTV150NX	11450 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV150NX	10950 11200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9711QORKU	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9711QORKU	14000 14500	T	null	44K8G7W	39.5	29

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9711QORKU	10950 11200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
TTSA80020	11450 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
TTSA80020	10950 11200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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TTSA80020	14000 14500	T	null	44K8G7W	31.3	20.8
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
TTSA80020	10700 12200	R	null	44K8G7W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
ORAL-7103	14000 14500	T	null	44K8G7W	35.4	24.9
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
ORAL-7103	11450 12200	R	null	44K8G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
ORAL-7103	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV85NX	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV85NX	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV85NX	14000 14500	T	null	2M10G7W	49.7	22.5

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV85NX	10700 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
5009/10/12	14000 14500	T	null	44K8G7W	39.5	29

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
5009/10/12	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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5009/10/12	10950 11200	R	null	54M0G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
V240MTKU	14000 14500	T	null	100MG7W	71.6	27.6

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
V240MTKU	10700 12200	R	null	44K8G1W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV240K	14000 14500	T	null	15M0G1W	66.6	30.9

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
INTV240K	11450 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV240K	10950 11200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV80e	14000 14500	T	null	2M10G1W	46.85	19.65

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV80e	10700 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4006/9/10	14000 14500	T	null	44K8G7W	34.8	24.3

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4006/9/10	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4006/9/10	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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INTV100NX	14000 14500	T	null	54M0G1W	54.9	23.9
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV100NX	10700 12200	R	null	44K8G1W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV60G	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV60G	14000 14500	T	null	1M20G7W	40.57	15.8

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
INTV60G	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4012	14000 14500	T	null	44K8G1W	35.7	25.2

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4012	11450 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4012	10950 11200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
900B/FV110	14000 14500	T	null	5M00G7W	49.8	18.8

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
900B/FV110	11450 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
900B/FV110	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)

V240MT2KU	14000 14500	T	null	100MG1W	72.9	28.9
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
V240MT2KU	10700 12200	R	null	44K8G7W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
ORTR4-500	14000 14500	T	null	44K8G7W	34.61	24.12

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
ORTR4-500	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
ORTR4-500	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
TTSA600	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
TTSA600	14000 14500	T	null	1M10G1W	40.5	16.1

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
TTSA600	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
OR7-300K	14000 14500	T	null	15M0G7W	65.5	29.76

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
OR7-300K	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
OR7-300K	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)

2400KU	14000 14500	T	null	44K8G1W	43.09	32.6
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
2400KU	10700 12200	R	null	200MG1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
6006/9/12	14000 14500	T	null	44K8G1W	41.6	31.1
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
6006/9/12	11450 12200	R	null	44K8G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
6006/9/12	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV240MK	14000 14500	T	null	40M0G1W	70.58	30.58

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV240MK	11450 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV240MK	10950 11200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4003	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4003	14000 14500	T	null	44K8G1W	34.7	24.2

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
4003	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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INTV65/65G	14000 14500	T	null	1M20G1W	40.37	15.6
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV65/65G	11450 12200	R	null	44K8G1W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
INTV65/65G	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
SAT30/3011	14000 14500	T	null	1M10G1W	41.8	17.4

E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
SAT30/3011	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
SAT30/3011	10950 11200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV80G	10950 11200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV80G	14000 14500	T	null	44K8G7W	29.87	19.37

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV80G	11450 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV130/G	11450 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV130/G	10950 11200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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INTV130/G	14000 14500	T	null	44K8G1W	39.7	29.2
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
TTSA80020	Geostationary	14000 14500	0 / 0	0 / 0	5 / 5	0

9711QORKUGeostationary14000
 145000 / 00 / 05 / 504996Geostationary14000
 145000 / 00 / 05 / 50INTV130NXGeostationary14000
 145000 / 00 / 05 / 50INTV110Geostationary14000
 145000 / 00 / 05 / 50MITMVA60Geostationary14000
 145000 / 00 / 05 / 50TTSA900Geostationary14000
 145000 / 00 / 05 / 50MITMVA120Geostationary14000
 145000 / 00 / 05 / 503612Geostationary14000
 145000 / 00 / 05 / 509797/11KUGeostationary14000
 145000 / 00 / 05 / 50INTV150NXGeostationary10700
 122000 / 00 / 05 / 50INTV150NXGeostationary14000
 145000 / 00 / 05 / 50TTSA80020Geostationary10700
 122000 / 00 / 05 / 50ORAL-7103Geostationary14000
 145000 / 00 / 05 / 50INTV85NXGeostationary14000
 145000 / 00 / 05 / 50INTV85NXGeostationary10700
 122000 / 00 / 05 / 505009/10/12Geostationary14000
 145000 / 00 / 05 / 50V240MTKUGeostationary14000
 145000 / 00 / 05 / 50V240MTKUGeostationary10700
 122000 / 00 / 05 / 50INTV240KGeostationary14000
 145000 / 00 / 05 / 50INTV80eGeostationary14000
 145000 / 00 / 05 / 50INTV80eGeostationary10700
 122000 / 00 / 05 / 504006/9/10Geostationary14000
 145000 / 00 / 05 / 50INTV100NXGeostationary14000
 145000 / 00 / 05 / 50INTV100NXGeostationary10700
 122000 / 00 / 05 / 50INTV60GGeostationary14000
 145000 / 00 / 05 / 504012Geostationary14000
 145000 / 00 / 05 / 50900B/FV110Geostationary14000
 145000 / 00 / 05 / 50V240MT2KUGeostationary14000
 145000 / 00 / 05 / 50V240MT2KUGeostationary10700
 122000 / 00 / 05 / 50ORTR4-500Geostationary14000
 145000 / 00 / 05 / 50TTSA600Geostationary14000
 145000 / 00 / 05 / 50OR7-300KGeostationary14000
 145000 / 00 / 05 / 502400KUGeostationary14000
 145000 / 00 / 05 / 502400KUGeostationary10700

122000 / 00 / 05 / 506006/9/12Geostationary14000
 145000 / 00 / 05 / 50INTV240MKGeostationary14000
 145000 / 00 / 05 / 504003Geostationary14000
 145000 / 00 / 05 / 50INTV65/65GGeostationary14000
 145000 / 00 / 05 / 50SAT30/3011Geostationary14000
 145000 / 00 / 05 / 50INTV80GGeostationary14000
 145000 / 00 / 05 / 50INTV130/GGeostationary14000
 145000 / 00 / 05 / 50

REMOTE CONTROL POINT LOCATION

E61. Call Sign: WB36		E65. Phone Number: 346-223-0396	
E62. Street Address: 3327 South Sam Houston Parkway East Suite 1			
E63. City: HOUSTON	E67. County: HARRIS	E64/68. State/Country: undefined / undefined	E66. Zip Code: 77047

Location of Earth Station Site

E1: Site Identifier:	1	E5: Call Sign:	
E2: Contact Name:	JAMES G. LOVELACE	E6: Phone Number:	346-223-0396
E3: Street:	U.S. and International Waters C-BAND REMOTE ESVS	E7: City:	
E4: State:		E8: County:	
		E9: Zip Code:	
E10: Area of Operation:			
E11: Latitude:	0° 0' 0"		
E12: Longitude:	0° 0' 0"		
E13: Lat/Lon Coordinates are:	nad-83		
E14: Site Elevation (AMSL):	0		

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain	Yes
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patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	
If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	Yes
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	Yes

POINTS OF COMMUNICATION

Satellite Name: NSS-9 (S2756)	
E21. Common Name: NSS 9 (S2756)	E22. ITU Name: NSS 9
E23. Orbit Location: 177 W.L.	E24. Country:

Satellite Name: SES-4 (S2828)	
E21. Common Name: SES-4 (S2828)	E22. ITU Name: New Skies
E23. Orbit Location: 22.0 W.L.	E24. Country:

Satellite Name: PERMITTED LIST	
E21. Common Name: PERMITTED LIST	E22. ITU Name: PERMITTED LIST
E23. Orbit Location: GSO	E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1	INTV240MC	500	INTELLIAN	V240M(C-BAND)	2.4	undefined at 0

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)
INTV240MC	0/0	0	0	0	158.87	0	63.91

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1	INTV240	500	INTELLIAN	V240	2.4	undefined at 0

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)
INTV240	0/0	0	0	0	158.8	0	63.7

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1	ORAL- 7108	500	ORBIT	AL- 7108(C- BAND)	2.4	undefined at 0

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)
ORAL- 7108	0/0	0	0	0	123.3	0	60.9

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size	E41/42. Antenna Gain Transmit and/or Recieve (dBi
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					(meters)	at GHz)
1	9711QORC	500	SEA TEL	9711QORC	2.4	undefined at 0

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)
9711QORC	0/0	0	0	0	170	0	64

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1	9707/97/11	500	SEA TEL	9707, 9797, 9711	2.4	undefined at 0

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)
9707/97/11	0/0	0	0	0	170	0	64

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1	OR7- 300C	500	ORBIT	OCTRX7300C,7107C	2.2	undefined at 0

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)
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OR7-300C	0/0	0	0	0	170.2	0	61.5
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FREQUENCY

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 ERIP Density per Carrier (dBW/4kHz)
INTV240MC	5925 6425	T	null	40M0G7W	63.91	22.01

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV240MC	3700 4200	R	null	54M0G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
INTV240	5925 6425	T	null	15M0G1W	60.7	25

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

E28. Antenna Id	E43/44. Frequency Bands	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per	E49. Maximum ERIP Density per Carrier
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	(MHz)				Carrier (dBW)	(dBW/4kHz)
ORAL-7108	5925 6425	T	null	44K8G1W	40.59	30.1

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
ORAL-7108	3700 4200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9711QORC	5925 6425	R	null	40M0G7W	64	24

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9711QORC	3700 4200	R	null	54M0G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9707/97/11	5925 6425	T	null	44K8G7W	45.2	34.7

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
9707/97/11	3700 4200	R	null	44K8G1W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
OR7-300C	3700 4200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
OR7-300C	5925 6425	T	null	44K8G1W	39.49	29

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kF
INTV240MC	Geostationary	5925 6425	0 / 0	0 / 0	5 / 5	0

INTV240MCGeostationary3700
 42000 / 00 / 05 / 50INTV240Geostationary5925
 64250 / 00 / 05 / 50ORAL-7108Geostationary5925
 64250 / 00 / 05 / 50ORAL-7108Geostationary3700
 42000 / 00 / 05 / 509711QORCGeostationary5925
 64250 / 00 / 05 / 509711QORCGeostationary3700
 42000 / 00 / 05 / 509707/97/11Geostationary5925
 64250 / 00 / 05 / 50OR7-300CGeostationary3700
 42000 / 00 / 05 / 50OR7-300CGeostationary5925
 64250 / 00 / 05 / 50

REMOTE CONTROL POINT LOCATION

E61. Call Sign: WB36		E65. Phone Number: 346-223-0396	
E62. Street Address: 3327 South Sam Houston Parkway East Suite 1			
E63. City: HOUSTON	E67. County: HARRIS	E64/68. State/Country: undefined / undefined	E66. Zip Code: 77047

Location of Earth Station Site

E1: Site Identifier:	2KU-BAND ESV & VSAT	E5: Call Sign:	
E2: Contact Name:	Dave Atabala	E6: Phone Number:	281-809-9708
E3: Street:	US&P and International Waters	E7: City:	

E4: State:	E8: County:
	E9: Zip Code:
E10: Area of Operation:	
E11: Latitude:	0° 0' 0"
E12: Longitude:	0° 0' 0"
E13: Lat/Lon Coordinates are:	
E14: Site Elevation (AMSL):	0

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	N/A
If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	N/A
Is FAA notification required?	No
Is facility operated by remote control?	Yes

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST	
E21. Common Name: PERMITTED LIST	E22. ITU Name: PERMITTED LIST
E23. Orbit Location: GSO	E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
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2KU-BAND ESV & VSAT	KNSC4	500	KNS	C4	0.45	undefined at 0
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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)
KNSC4	0.45/0.45	0	0	0	5.2	0	41.04

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2KU-BAND ESV & VSAT	KNSZ8	500	KNS	Z8MK4/Z8MK3/Z8MK2	0.83	undefined at 0

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)
KNSZ8	0.83/0.83	0	0	0	6.9	0	47.98

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2KU-BAND	KNSZ10	500	KNS	Z10MK4/Z10MK3/Z10MK2	1	undefined at 0

ESV & VSAT						
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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)
KNSZ10	1/1	0	0	0	6.9	0	49.53

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2KU-BAND ESV & VSAT	INTV45C	500	INTELLIAN	V45C	0.45	undefined at 0

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)
INTV45C	0.45/0.45	0	0	0	5.75	0	41.89

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2KU-BAND ESV & VSAT	KNSZ6	500	KNS	Z6MK4/Z6MK2	0.61	undefined at 0

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground	E38. Total Input Power at Antenna	E39. Maximum Antenna Height Above	E40. Total EIRP for all carriers
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				Level (meters)	Flange (Watts)	Rooftop (meters)	(dBW)
KNSZ6	0.61/0.61	0	0	0	6.9	0	45.42

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2KU- BAND ESV & VSAT	INTV60E	500	INTELLIAN	V60E	0.65	undefined at 0

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)
INTV60E	0.65/0.65	0	0	0	5.75	0	44.99

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
2KU- BAND ESV & VSAT	KNSZ7	500	KNS	Z7MK4/Z7MK3/Z7MK2	0.75	undefined at 0

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)
KNSZ7	0.75/0.75	0	0	0	6.9	0	47.35

FREQUENCY

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 ERIP Density per Carrier (dBW/4kHz)
KNSC4	14000 14500	T	null	44K8G7W	22.02	11.53

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
KNSC4	10700 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ8	14000 14500	T	null	2M10G7W	46.27	19.07

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ8	10700 12200	R	null	54M0G1W	0	0

E50. Modulation and Services

‘DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ10	14000 14500	T	null	2M10G1W	49.53	22.33

E50. Modulation and Services

‘DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ10	10700 12200	R	null	44K8G7W	0	0

E50. Modulation and Services

‘DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
INTV45C	14000 14500	T	null	44K8G1W	23.02	12.53

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
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INTV45C	10700 12200	R	null	44K8G1W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ6	14000 14500	T	null	44K8G7W	25.34	14.85
E50. Modulation and Services						
`DIGITAL TRAFFIC USING QPSK AND BPSK MOD						

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ6	10700 12200	R	null	54M0G7W	0	0
E50. Modulation and Services						
`DIGITAL TRAFFIC USING QPSK AND BPSK MOD						

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 ERIP Density per Carrier (dBW/4kHz)
INTV60E	10700 12200	R	null	54M0G7W	0	0
E50. Modulation and Services						
DIGITAL TRAFFIC USING QPSK AND BPSK MODU						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
INTV60E	14000 14500	T	null	2M10G7W	43.1	15.9

E50. Modulation and Services

DIGITAL TRAFFIC USING QPSK AND BPSK MODU

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ7	10700 12200	R	null	54M0G7W	0	0

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
KNSZ7	14000 14500	T	null	44K8G1W	27.6	17.11

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
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KNSC4	Geostationary	14000 14500	0 / 0	0 / 0	5 / 5	0
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KNSC4Geostationary10700

122000 / 00 / 05 / 50KNSZ8Geostationary14000

145000 / 00 / 05 / 50KNSZ8Geostationary10700

122000 / 00 / 05 / 50KNSZ10Geostationary14000

145000 / 00 / 05 / 50KNSZ10Geostationary10700

122000 / 00 / 05 / 50INTV45CGeostationary14000

145000 / 00 / 05 / 50INTV45CGeostationary10700

122000 / 00 / 05 / 50KNSZ6Geostationary14000

145000 / 00 / 05 / 50KNSZ6Geostationary10700

122000 / 00 / 05 / 50INTV60EGeostationary10700

122000 / 00 / 05 / 50INTV60EGeostationary14000

145000 / 00 / 05 / 50KNSZ7Geostationary10700

122000 / 00 / 05 / 50KNSZ7Geostationary14000

145000 / 00 / 05 / 50

REMOTE CONTROL POINT LOCATION

E61. Call Sign: WB36		E65. Phone Number: 346-223-0396	
E62. Street Address: 3327 S. Sam Houston Parkway East Suite 100			
E63. City: HOUSTON	E67. County: HARRIS	E64/68. State/Country: undefined / undefined	E66. Zip Code: 77047

Location of Earth Station Site

E1: Site Identifier:	1 C-BAND REMOTE ESVS	E5: Call Sign:	
E2: Contact Name:	Dave Atabala	E6: Phone Number:	281-809-9708
E3: Street:	U.S. and International Waters	E7: City:	
E4: State:		E8: County:	
		E9: Zip Code:	
E10: Area of Operation:			
E11: Latitude:	0° 0' 0"		
E12: Longitude:	0° 0' 0"		
E13: Lat/Lon Coordinates are:			

E14: Site Elevation (AMSL): 0

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	N/A
If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	Yes

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST	
E21. Common Name: PERMITTED LIST	E22. ITU Name: PERMITTED LIST
E23. Orbit Location: GSO	E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1 C-BAND REMOTE ESVS	V240MT2C	500	INTELLIAN	V240MTGEN2C	2.4	undefined at 0

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground	E38. Total Input Power at Antenna	E39. Maximum Antenna Height Above	E40. Total EIRP for all carriers
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				Level (meters)	Flange (Watts)	Rooftop (meters)	(dBW)
V240MT2C	2.4/2.4	0	0	0	338.8	0	66.9

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1 C-BAND REMOTE ESVS	2400C	500	SEA TEL)	2400C	2.4	undefined at 0

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)
2400C	2.4/2.4	0	0	0	309	0	65.99

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
1 C-BAND REMOTE ESVS	V240MTC	500	INTELLIAN	V240MTC	2.4	undefined at 0

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)
V240MTC	2.4/2.4	0	0	0	302	0	65.9

FREQUENCY

E28. Antenna Id	E43/44. Frequency	E45. T/R	E46. Antenna Polarization	E47. Emission	E48. Maximum	E49. Maximum ERIP Density
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	Bands (MHz)	Mode	(H,V,L,R)	Designator	EIRP per Carrier (dBW)	per Carrier (dBW/4kHz)
V240MT2C	5925 6425	T	null	44K8G1W	45.8	35.3

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
V240MT2C	3700 4200	R	null	44K8G7W	0	0

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
2400C	5925 6425	T	null	36M0G7W	65.99	26.45

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
2400C	3700 4200	R	null	44K8G1W	0	0

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
V240MTC	5925 6425	T	null	44K8G7W	44.2	33.7

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

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 ERIP Density per Carrier (dBW/4kHz)
V240MTC	3700 4200	R	null	44K8G7W	0	0

E50. Modulation and Services

`DIGITAL TRAFFIC USING QPSK AND BPSK MOD

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
V240MT2C	Geostationary	5925 6425	0 / 0	0 / 0	5 / 5	0

V240MT2CGeostationary3700

42000 / 00 / 05 / 502400CGeostationary5925

64250 / 00 / 05 / 502400CGeostationary3700

42000 / 00 / 05 / 50V240MTCGeostationary5925

64250 / 00 / 05 / 50V240MTCGeostationary3700

42000 / 00 / 05 / 50

REMOTE CONTROL POINT LOCATION

E61. Call Sign: WB36		E65. Phone Number: 346-223-0396	
E62. Street Address: 3327 S. Sam Houston Parkway East Suite 100			
E63. City: HOUSTON	E67. County: HARRIS	E64/68. State/Country: undefined / undefined	E66. Zip Code: 77047

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