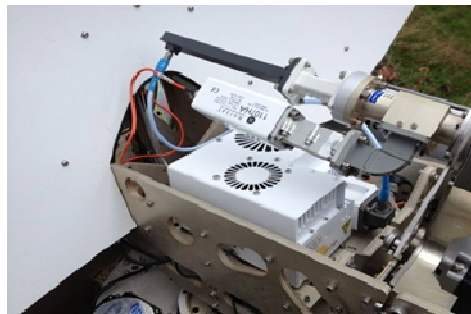
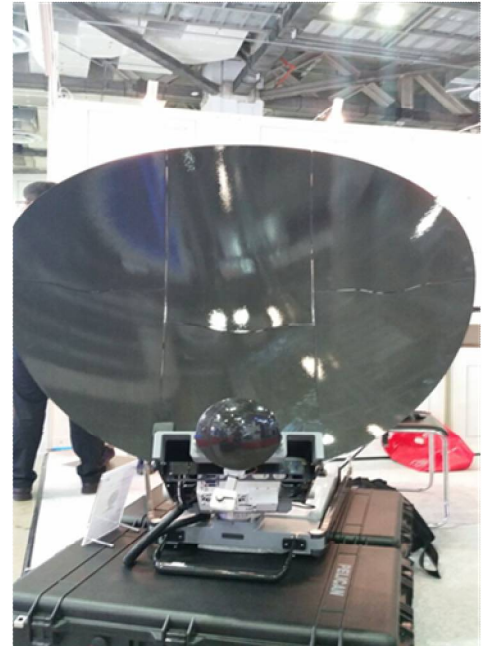
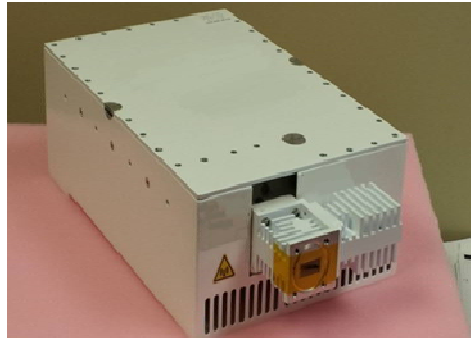
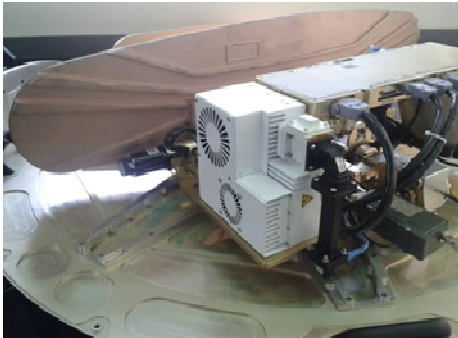


SpacePath Communications

SSPAs & BUCs Product Range



GaAs & GaN Technology
Small, lightweight, Efficient

SSPAs & BUCs

C Band Products

Type	F (GHz)	Output	Input	Size (cm)	Weight	Prime Power Internal AC or DC options
STS20/40C	5.850 – 6.425 6.725 - 7.025 5.925 – 6.725 6.425 – 6.725 5.850 – 6.725	20W (P1dB) 40W (P1dB)	950 – 1525MHz	16.5 x 16.5 x 11.5	3Kg	AC 90-265VAC 50-60Hz or 32-72VDC
STS80/100C	5.850 – 6.425 6.725 - 7.025 5.925 – 6.725 6.425 – 6.725 5.850 – 6.725	80W (P1dB) 100W (P1dB)	950 – 1525MHz	16.5 x 16.5 x 10.5 26.5 x 18.5 x 10.5 (WG Circulator)	3Kg 3.5Kg	AC 90-265 50-60Hz or 36-72VDC
STS150/200C	5.850 – 6.425 6.725 - 7.025 5.925 – 6.725 6.425 – 6.725 5.850 – 6.725	150W (Psat) 200W (Psat)	950 – 1525MHz	39 x 22.5 x 11 47 x 22.5 x 11 (with output circulator)	12Kg	AC 90-265VAC 50-60Hz or 40-72VDC
STS300/400C	5.850 – 6.425 6.725 - 7.025 5.925 – 6.725 6.425 – 6.725 5.850 – 6.725	300W (Psat) 400W (Psat)	950 – 1525MHz	47 x 34.5 x 19.5	19Kg	AC 190 – 265VAC 50-60Hz



STS20/40W C-Band



STS300/400W C-Band

Small, Lightweight, Efficient

Ku Band Products

Type	F (GHz)	Output	Input	Size (cm)	Weight	Prime Power Internal AC or DC Options
STS16/20/25K	14.00 – 14.5 13.75 – 14.5	16W (P1dB) 20W (P1dB) 25W (P1dB)	950 – 1450MHz 950 – 1700MHz	16.5 x 16.5 x 9.5	2.5Kg	90-265VAC 50-60GHz or 36-72VDC
STS40/50K	13.75 – 14.5 14.0 - 14.5	40W (Psat) 50W (Psat)	950 – 1450MHz 950 - 1700MHz	16.5 x 16.5 x 9.4	2.5Kg	AC 90-265VAC 50-60Hz or 36-72VDC
STA60/80/100K	14.0 - 14.5 13.75-14.5	60W (Psat) 80W (Psat) 100W (Psat)	950 - 1450MHz 950 – 1700MHz	30 x 19.5 x 11.5	7Kg	90-265VAC 50-60Hz
STS150/200K	14.0 – 14.5 13.75 – 14.5	150W (Psat) 200W (Psat)	950 - 1450MHz 950 – 1700MHz	39 x 22.5 x 11 47 x 22.5 x 11 (with output circulator)	12Kg	90-265VAC 50-60Hz
STS250/300/350K	14.0 – 14.5 13.75 – 14.5	250W (Psat) 300W (Psat) 350W (Psat)	950 - 1450MHz 950 – 1700MHz	46 x 34.5 x 28	25Kg	190-265VAC 50-60Hz



STS40/50K Ku-Band



STA60/80/100K Ku-Band



STS250/300/350K Ku-Band

Ka Band Products

Type	F (GHz)	Output	Input	Size (cm)	Weight	Prime Power Internal AC or DC options
STS8/10/20Ka	29.0 – 31.0	8W (P1dB) 10W (P1dB) 20W (P1dB)	1000-2000MHz	14.5 x 11.5 x 8.5 20 x 16.5 x 11.5	2Kg 2.5Kg	90-265VAC 50-60Hz 36-72VDC



STS8/10/20Ka Ka-Band



Product Features

- **Compact and lightweight**
- **Efficient – Low power consumption**
- **Forward and reverse power direction**
- **Input power detection**
- **Intuitive monitoring & control through RS232/RS485 & Ethernet (SNMP & HTTP)**
- **Automatic Fault identification & alarm generation**
- **Temperature compensation facility**
- **Built-in redundancy facility**
- **10MHz reference with auto-detection**
- **Built-in receive reject filter**
- **Sample port for output monitoring**
- **Wide operating temperature range -40°C to +60°C**
- **Waterproof**

Reliability

Field proven under harsh environment conditions, the ODUs can withstand temperatures ranging from -40°C to +60°C with up to 100% humidity.

Quality Assurance

All ODUs go through intensive active electrical stress screening with performance being monitored during screening. In addition, all units undergo 100% waterproof test equivalent to IP65 to ensure normal operation in tropical, cold and harsh environments.

SUPPORT WHERE AND WHEN YOU NEED IT

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