



Applicable Standards for VSAT Equipment in Indonesia

VSAT approval test will be based on national standards: KEPDIRJEN No. 346/DIRJEN/2003. The national standards are mainly adopted from ETS 300 159 and ETS 300 332. The key parameters are as follows:

Radio Terminal Characteristic

C Band	Uplink	5.925 - 6.425 GHz
	Downlink	3.700 - 4.200 GHz
Channel Spacing	≤ 150 KHz	
Modulation	BPSK, QPSK or other derivatives	
Cross Polarization	≥ 25 dB	

Ku band	Uplink	13.754 - 14.486 Ghz (FSS) 14.400 - 14.500 GHz (FS)
	Downlink	10.954 - 11.66 GHz (FSS) 10.950 - 11.705 GHz (FS)

Antenna Diameter (M)	Linear Polarization Limits of Cross Polarization Discrimination (dB)	Circular Polarization Limits of Axial Force Ratio
$D \leq 4.5$	25	1.3
$D \geq 4.5$	27	1.00

Spurious Emission

VSAT on the state of transmission disable, off axis spurious EIRP

Frequency Range (GHz)	EIRP Limit (dBpW)
1.425 - 1.661	48
2.170 - 2.670	48
3.400 - 4.200	48
4.500 - 4.800	48
5.925 - 7.700	48
8.120 - 8.270	48
10.950 - 12.700	54
13.754 - 14.500	54



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Both carrier on and off, off axis spurious EIRP

Frequency Range (GHz)	EIRP Limit (dBpW)
1.425 - 1.661	49
2.170 - 2.670	49
3.400 - 4.200	55
4.500 - 4.800	55
5.925 - 7.700	55
8.120 - 8.270	55
10.950 - 12.700	61
13.754 - 14.500	61

Transmitter Polarization Discrimination
Refer to ETS 300 159

Document Requirements more detail as on the link below

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1. Power of Attorney to DIMULTI.CV
2. Completed Application Forms [PM.4 and PM.5]
3. Technical data of device [General information, Installation Guide, User Manual, Foreign Test Report (optional), etc..]

More detail information

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