



National Information and Communications
Technology Authority

Papua New Guinea Radiofrequency Spectrum Allocation Chart



The chart illustrates how the radio-frequency spectrum is allocated among radio-communications services in Papua New Guinea. It is derived from the Papua New Guinea Spectrum Plan or Frequency Allocation Table (2021), which in turn is based on the International Telecommunication Union (ITU) Radio Regulations (WRC-2019).

Each of these bands is divided into sub-bands which are allocated to particular services shown in the chart by different colors. The chart is designed for quick reference. For details of frequency allocations, reference should be made to any latest amended Band Plans, PNG Frequency Allocations Table and PNG footnotes.

LEGEND

Color Radiocommunications Services

Z	Amateur
F	Fixed
M	Mobile
MX	Mobile except aeronautical mobile
MXR	Mobile except aeronautical mobile (R)
MA	Aeronautical Mobile
MAR	Aeronautical Mobile (R)
MAO	Aeronautical Mobile (OR)
MM	Maritime Mobile
MT	Land Mobile
DN	Radionavigation
DNA	Aeronautical Radionavigation
DNM	Maritime Radionavigation
DL	Radiolocation
W	Meteorological Aids
B	Broadcasting
H	Standard Frequency and Time Signal
SZ	Amateur Satellite
SF	Fixed Satellite
SM	Mobile - Satellite
SMAR	Aeronautical Mobile-Satellite (R)
SDN	Radionavigation Satellite
SD	Radiodetermination-Satellite
SW	Meteorological Satellite
SB	Broadcasting Satellite
SH	Standard Frequency and Time Signal Satellite
SX	Earth Exploration-Satellite
SR	Space Research
SO	Space Operation
SA	Radio Astronomy
SI	Inter-Satellite
SMM	Maritime Mobile Satellite

Secondary Service

Not Allocated

Earth to Space

Space to Earth

Space to Space

VLF Very Low Frequency

LF Low Frequency

MF Medium Frequency

HF High Frequency

VHF Very High Frequency

UHF Ultra-High Frequency

SHF Super-High Frequency

EHF Extremely-High Frequency

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